

Pantheon Report

Generated at 2018-08-04 08:20:32 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

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

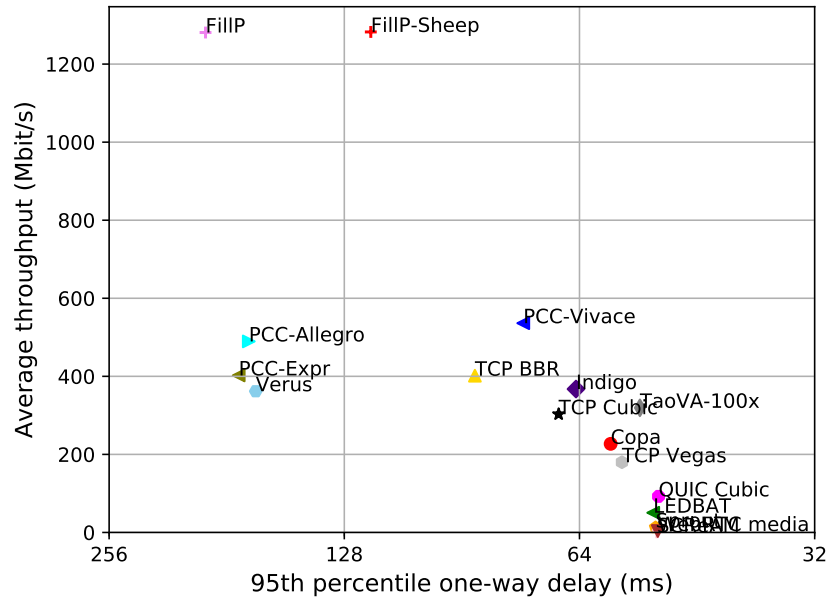
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

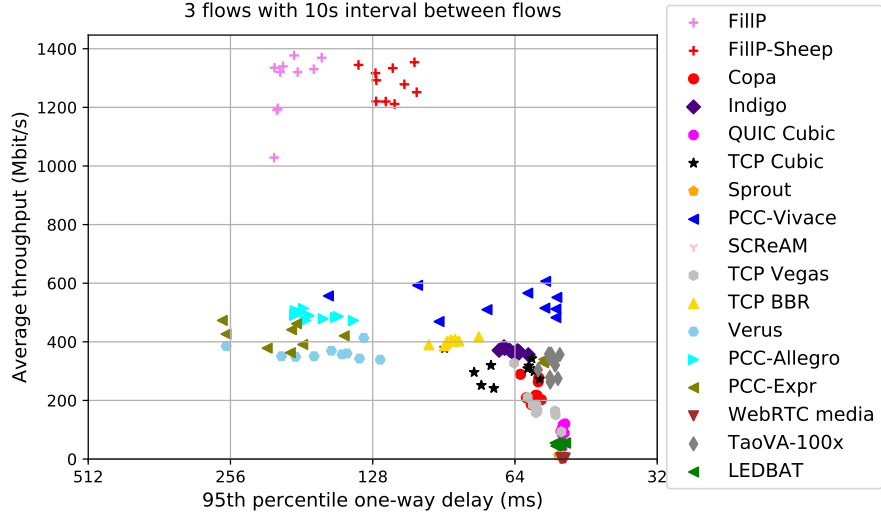
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
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 Iowa to GCE London, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



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



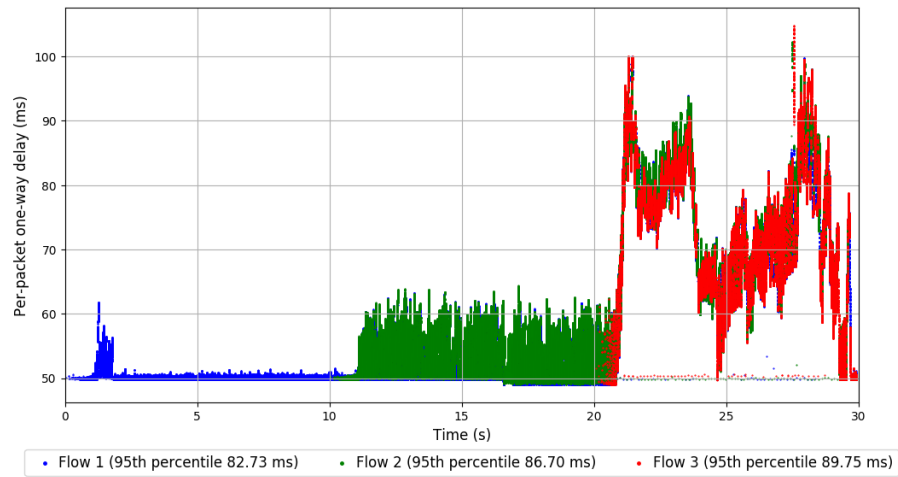
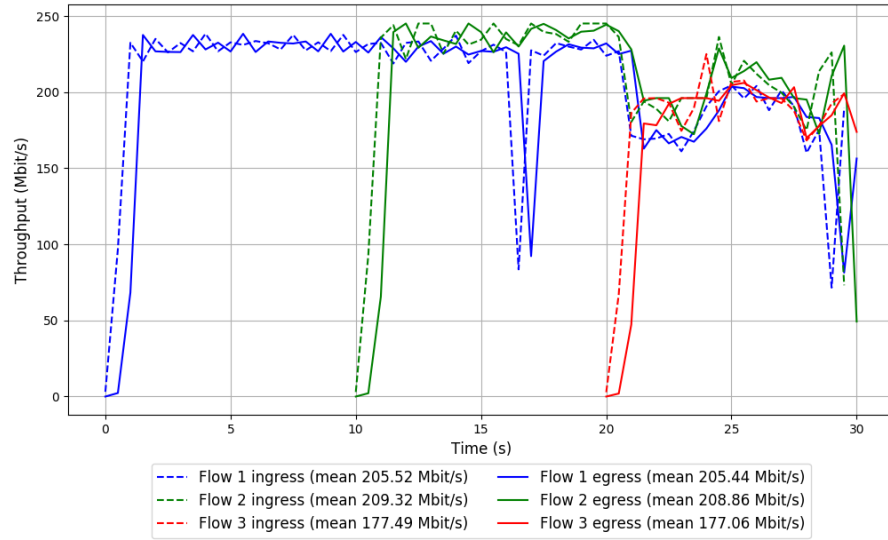
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	208.77	201.40	178.99	83.85	87.00	91.68	0.30	0.52	1.35
Copa	10	123.86	121.28	85.53	57.34	58.21	61.97	0.20	0.44	1.06
TCP Cubic	10	165.44	142.75	129.44	66.90	68.19	69.73	0.35	0.93	1.76
FillP	10	685.60	599.77	597.48	193.87	184.34	155.11	3.73	4.01	4.87
FillP-Sheep	10	674.97	646.43	541.31	119.87	117.54	106.43	0.58	0.84	1.42
Indigo	10	200.78	181.52	139.50	63.46	64.90	66.69	0.34	0.50	1.20
LEDBAT	10	31.97	23.14	9.74	51.55	51.41	51.26	0.66	1.02	2.03
PCC-Allegro	10	460.49	33.96	19.76	170.51	145.43	134.17	1.51	1.44	1.68
PCC-Expr	10	257.42	194.11	49.04	172.09	153.70	132.17	3.16	2.92	4.56
QUIC Cubic	10	50.12	44.90	37.54	50.30	50.31	50.30	0.37	0.67	0.74
SCReAM	10	0.22	0.22	0.22	50.70	50.85	50.82	0.34	0.61	0.91
Sprout	10	6.89	6.63	4.88	51.18	51.11	51.02	0.40	0.68	1.51
TaoVA-100x	10	171.11	165.74	129.53	53.05	53.67	54.71	0.20	0.36	1.21
TCP Vegas	10	84.77	84.83	117.50	54.95	56.10	58.53	0.32	0.52	1.09
Verus	10	228.43	152.06	99.10	152.10	162.22	163.82	1.08	2.19	2.61
PCC-Vivace	10	308.78	285.75	115.03	69.54	80.87	57.90	0.36	0.78	1.62
WebRTC media	10	1.91	1.22	0.49	50.84	50.55	50.65	0.36	0.62	1.45

Run 1: Statistics of TCP BBR

Start at: 2018-08-04 00:53:15
End at: 2018-08-04 00:53:45
Local clock offset: -0.225 ms
Remote clock offset: -0.077 ms

Below is generated by plot.py at 2018-08-04 05:05:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 402.72 Mbit/s
95th percentile per-packet one-way delay: 85.995 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 205.44 Mbit/s
95th percentile per-packet one-way delay: 82.734 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 208.86 Mbit/s
95th percentile per-packet one-way delay: 86.696 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 177.06 Mbit/s
95th percentile per-packet one-way delay: 89.751 ms
Loss rate: 1.27%

Run 1: Report of TCP BBR — Data Link

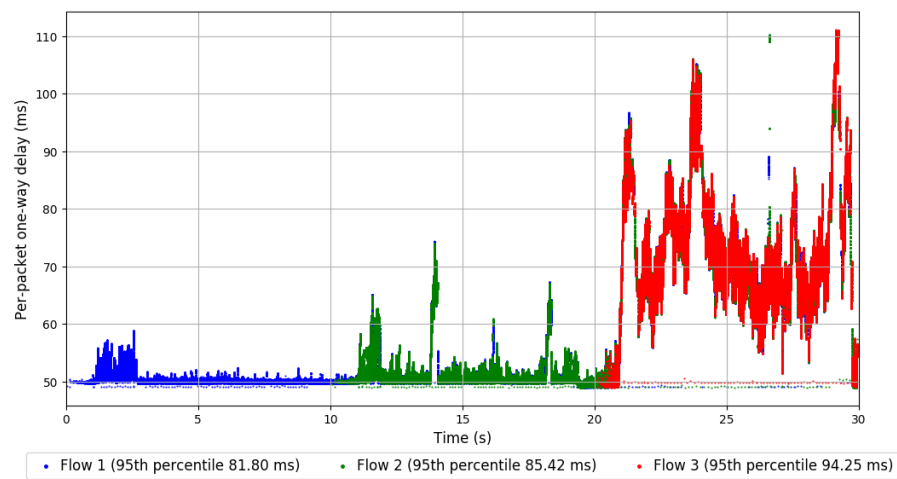
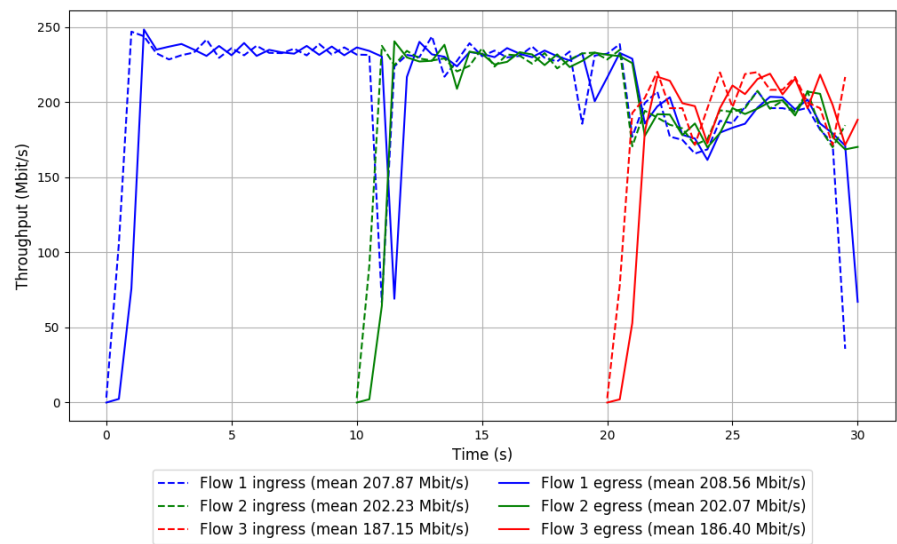


Run 2: Statistics of TCP BBR

Start at: 2018-08-04 01:18:12
End at: 2018-08-04 01:18:42
Local clock offset: -0.202 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-08-04 05:05:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 404.19 Mbit/s
95th percentile per-packet one-way delay: 85.530 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 208.56 Mbit/s
95th percentile per-packet one-way delay: 81.801 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 202.07 Mbit/s
95th percentile per-packet one-way delay: 85.422 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 186.40 Mbit/s
95th percentile per-packet one-way delay: 94.253 ms
Loss rate: 1.42%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-08-04 01:43:26

End at: 2018-08-04 01:43:56

Local clock offset: 0.518 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2018-08-04 05:05:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 395.80 Mbit/s

95th percentile per-packet one-way delay: 89.445 ms

Loss rate: 0.53%

-- Flow 1:

Average throughput: 207.56 Mbit/s

95th percentile per-packet one-way delay: 88.370 ms

Loss rate: 0.35%

-- Flow 2:

Average throughput: 199.05 Mbit/s

95th percentile per-packet one-way delay: 89.417 ms

Loss rate: 0.57%

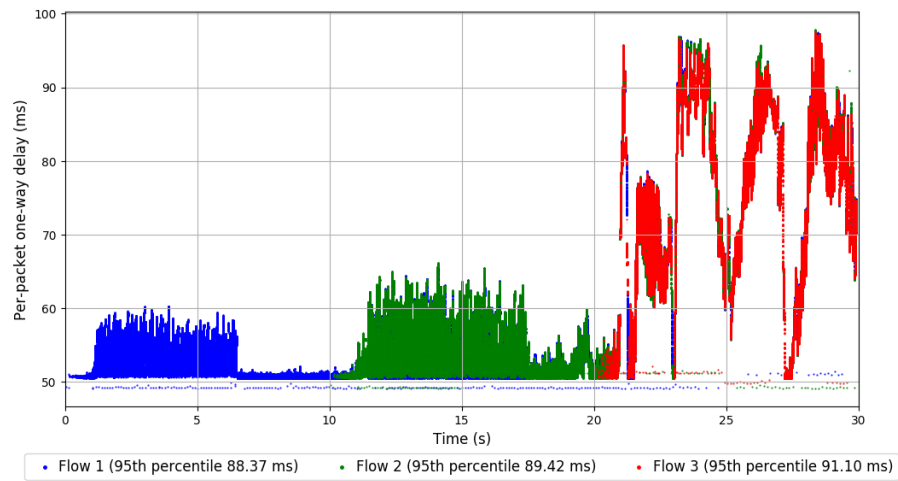
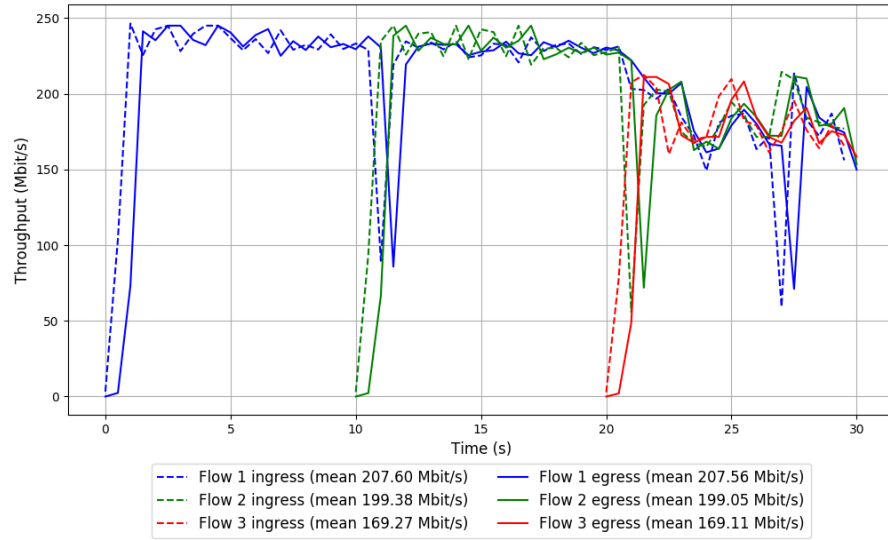
-- Flow 3:

Average throughput: 169.11 Mbit/s

95th percentile per-packet one-way delay: 91.097 ms

Loss rate: 1.10%

Run 3: Report of TCP BBR — Data Link

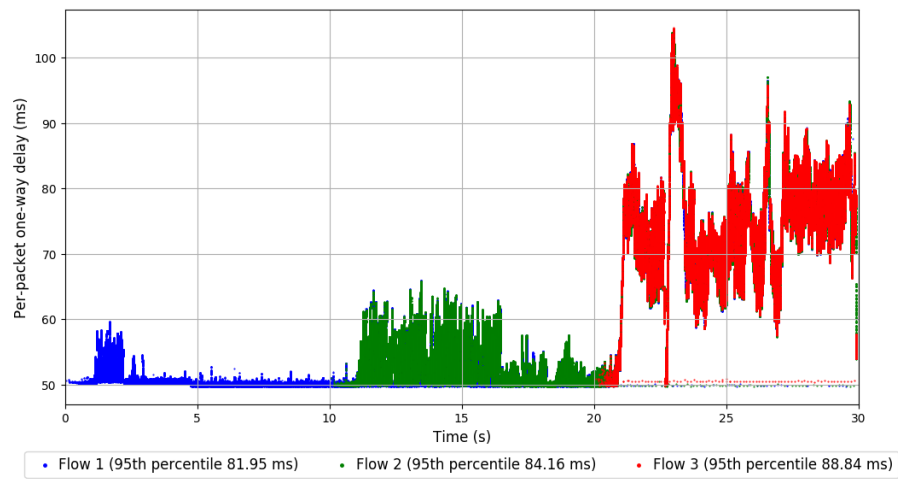
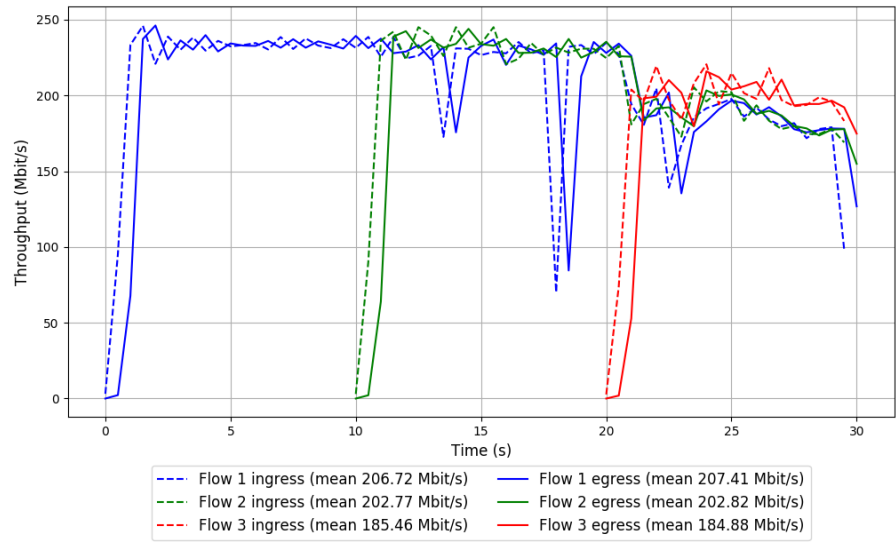


Run 4: Statistics of TCP BBR

Start at: 2018-08-04 02:08:17
End at: 2018-08-04 02:08:47
Local clock offset: -0.201 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-08-04 05:05:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 402.85 Mbit/s
95th percentile per-packet one-way delay: 84.104 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 207.41 Mbit/s
95th percentile per-packet one-way delay: 81.952 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 202.82 Mbit/s
95th percentile per-packet one-way delay: 84.163 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 184.88 Mbit/s
95th percentile per-packet one-way delay: 88.839 ms
Loss rate: 1.34%

Run 4: Report of TCP BBR — Data Link

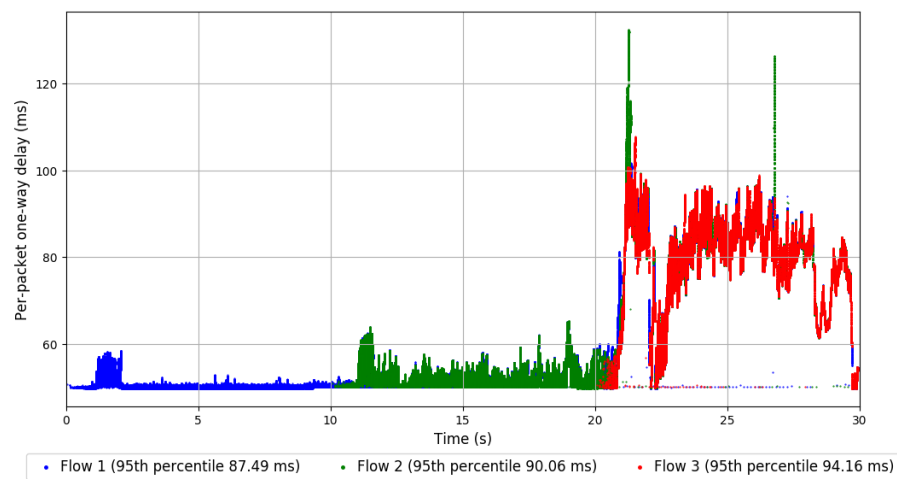
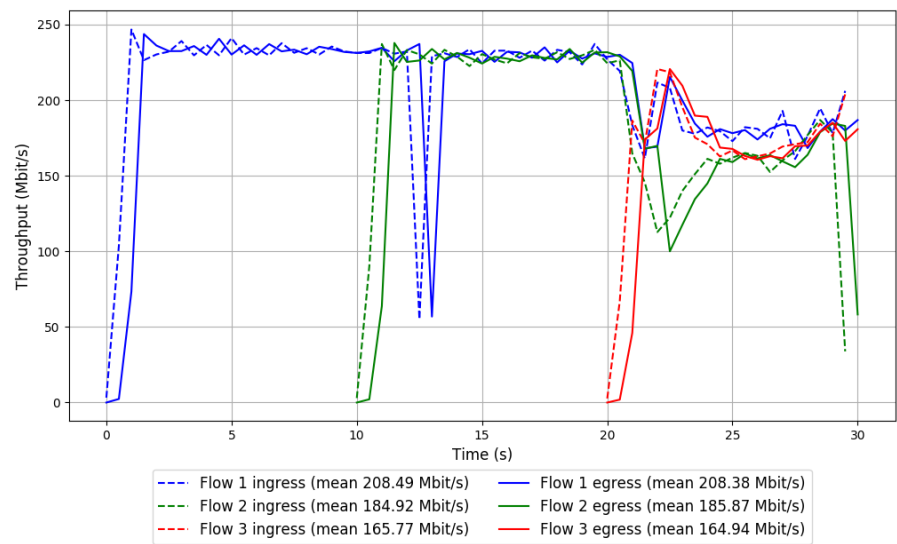


Run 5: Statistics of TCP BBR

Start at: 2018-08-04 02:33:12
End at: 2018-08-04 02:33:42
Local clock offset: 0.085 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-08-04 05:05:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 386.03 Mbit/s
95th percentile per-packet one-way delay: 90.309 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 208.38 Mbit/s
95th percentile per-packet one-way delay: 87.486 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 185.87 Mbit/s
95th percentile per-packet one-way delay: 90.057 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 164.94 Mbit/s
95th percentile per-packet one-way delay: 94.161 ms
Loss rate: 1.49%

Run 5: Report of TCP BBR — Data Link

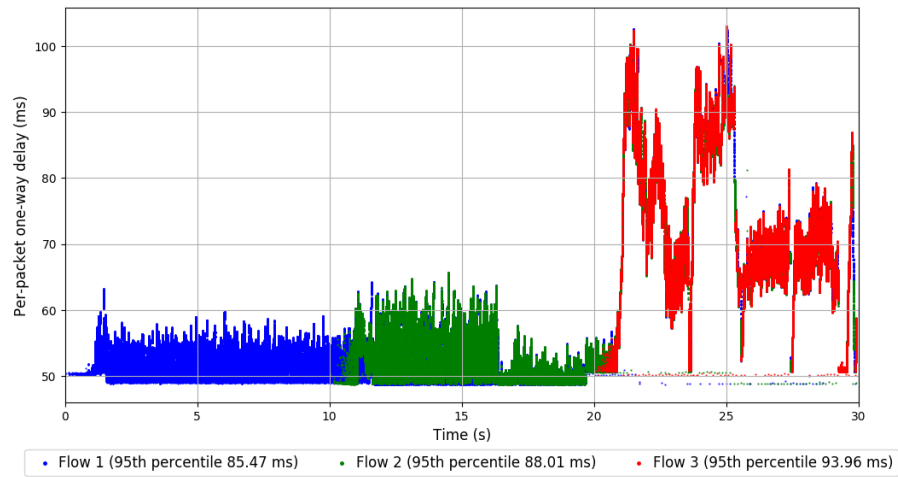
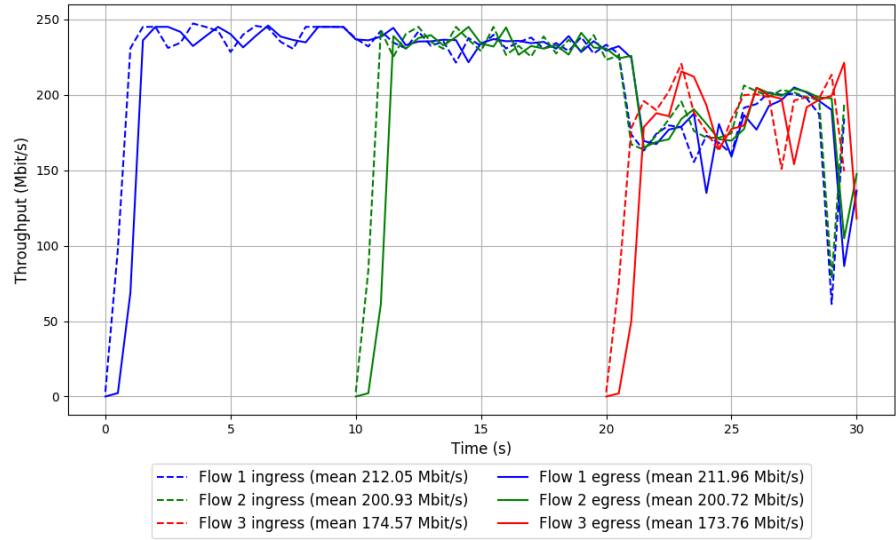


Run 6: Statistics of TCP BBR

Start at: 2018-08-04 02:58:00
End at: 2018-08-04 02:58:30
Local clock offset: 0.088 ms
Remote clock offset: -0.064 ms

Below is generated by plot.py at 2018-08-04 05:05:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 402.82 Mbit/s
95th percentile per-packet one-way delay: 88.915 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 211.96 Mbit/s
95th percentile per-packet one-way delay: 85.469 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 200.72 Mbit/s
95th percentile per-packet one-way delay: 88.006 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 173.76 Mbit/s
95th percentile per-packet one-way delay: 93.962 ms
Loss rate: 1.47%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-08-04 03:22:53

End at: 2018-08-04 03:23:23

Local clock offset: 0.392 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2018-08-04 05:05:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 406.98 Mbit/s

95th percentile per-packet one-way delay: 87.354 ms

Loss rate: 0.62%

-- Flow 1:

Average throughput: 209.58 Mbit/s

95th percentile per-packet one-way delay: 83.882 ms

Loss rate: 0.38%

-- Flow 2:

Average throughput: 203.65 Mbit/s

95th percentile per-packet one-way delay: 86.489 ms

Loss rate: 0.62%

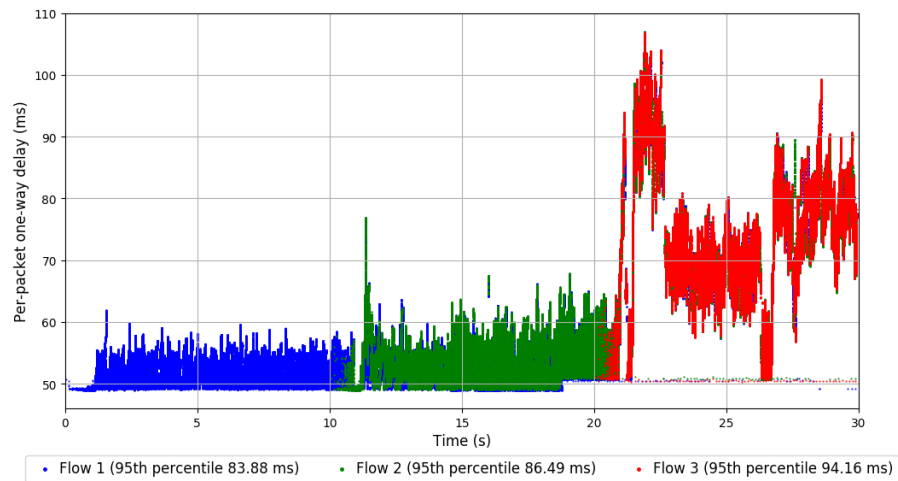
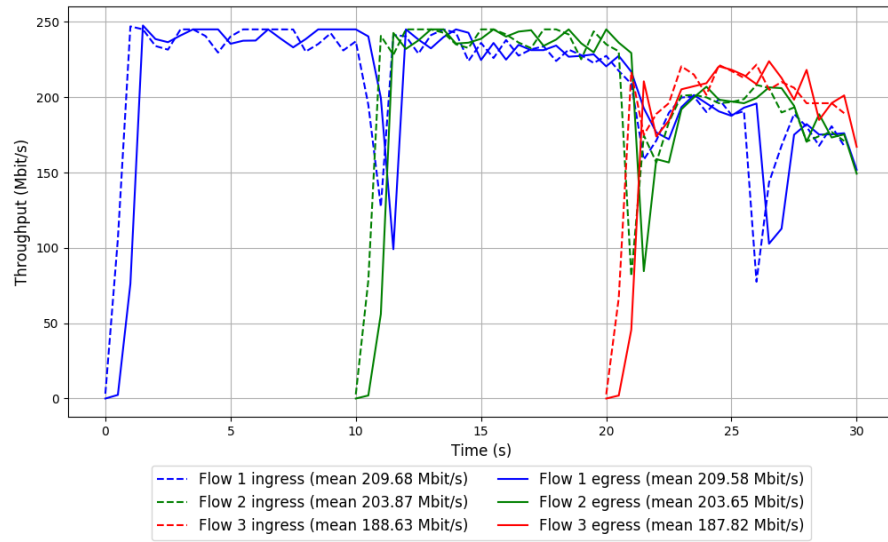
-- Flow 3:

Average throughput: 187.82 Mbit/s

95th percentile per-packet one-way delay: 94.155 ms

Loss rate: 1.40%

Run 7: Report of TCP BBR — Data Link

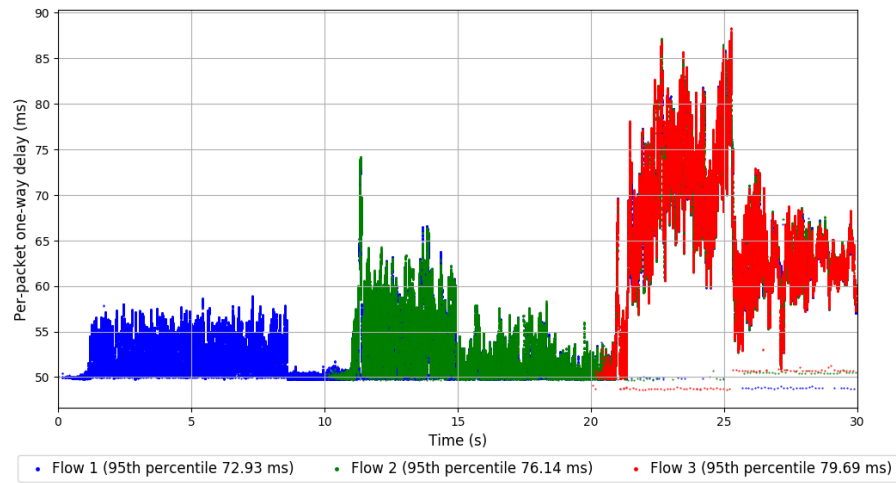
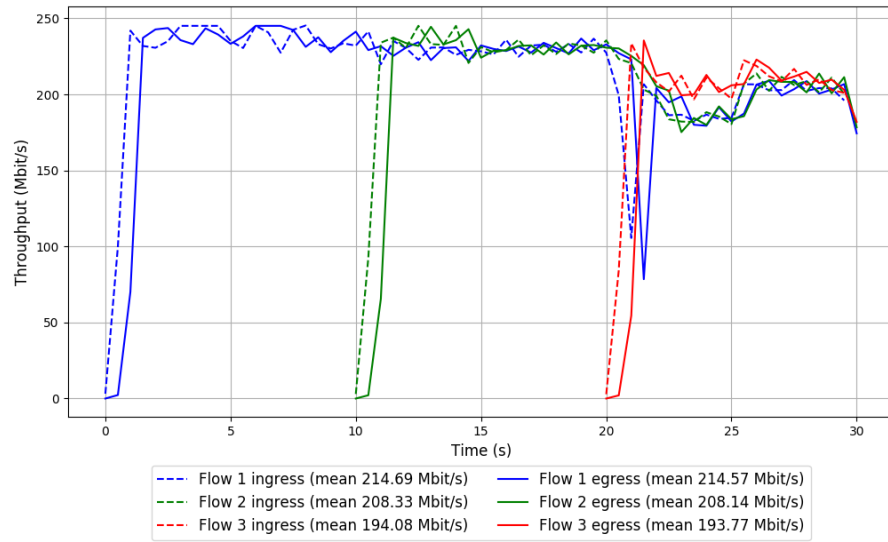


Run 8: Statistics of TCP BBR

Start at: 2018-08-04 03:47:36
End at: 2018-08-04 03:48:06
Local clock offset: 0.074 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-08-04 05:05:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 416.93 Mbit/s
95th percentile per-packet one-way delay: 76.327 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 214.57 Mbit/s
95th percentile per-packet one-way delay: 72.934 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 208.14 Mbit/s
95th percentile per-packet one-way delay: 76.144 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 193.77 Mbit/s
95th percentile per-packet one-way delay: 79.695 ms
Loss rate: 1.15%

Run 8: Report of TCP BBR — Data Link

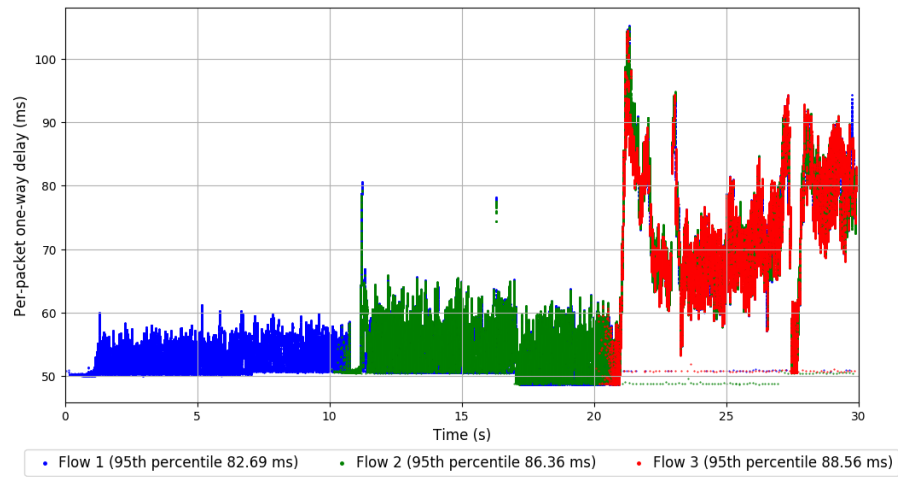
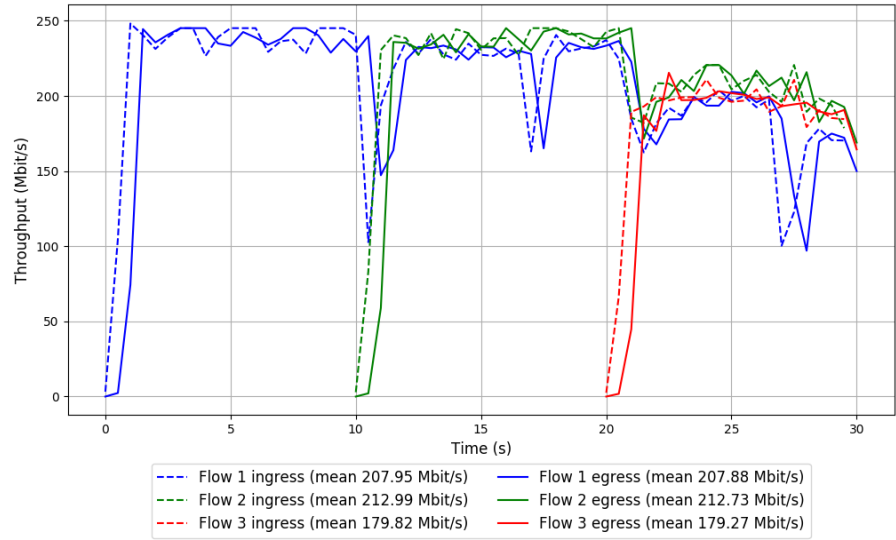


Run 9: Statistics of TCP BBR

Start at: 2018-08-04 04:12:24
End at: 2018-08-04 04:12:54
Local clock offset: 0.002 ms
Remote clock offset: -0.141 ms

Below is generated by plot.py at 2018-08-04 05:12:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 408.42 Mbit/s
95th percentile per-packet one-way delay: 85.692 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 207.88 Mbit/s
95th percentile per-packet one-way delay: 82.693 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 212.73 Mbit/s
95th percentile per-packet one-way delay: 86.364 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 179.27 Mbit/s
95th percentile per-packet one-way delay: 88.557 ms
Loss rate: 1.34%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-08-04 04:37:21

End at: 2018-08-04 04:37:51

Local clock offset: 0.372 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at 2018-08-04 05:12:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 389.84 Mbit/s

95th percentile per-packet one-way delay: 97.381 ms

Loss rate: 0.62%

-- Flow 1:

Average throughput: 206.34 Mbit/s

95th percentile per-packet one-way delay: 91.179 ms

Loss rate: 0.36%

-- Flow 2:

Average throughput: 190.09 Mbit/s

95th percentile per-packet one-way delay: 97.225 ms

Loss rate: 0.63%

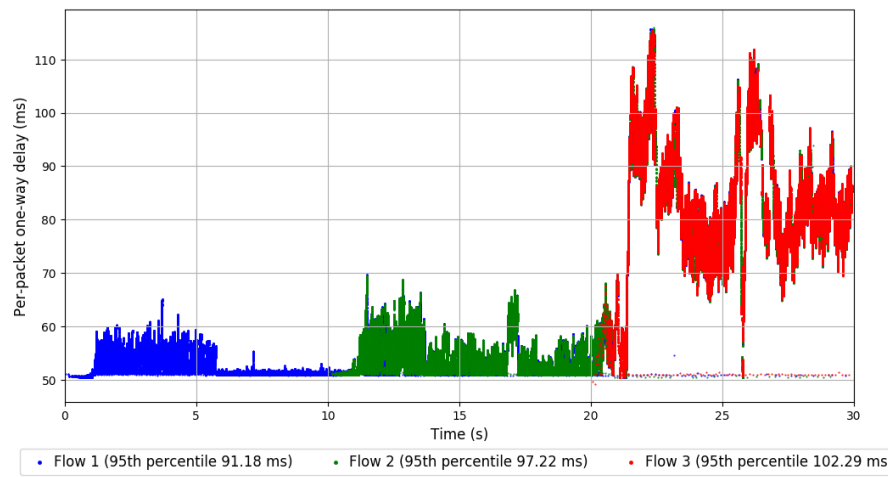
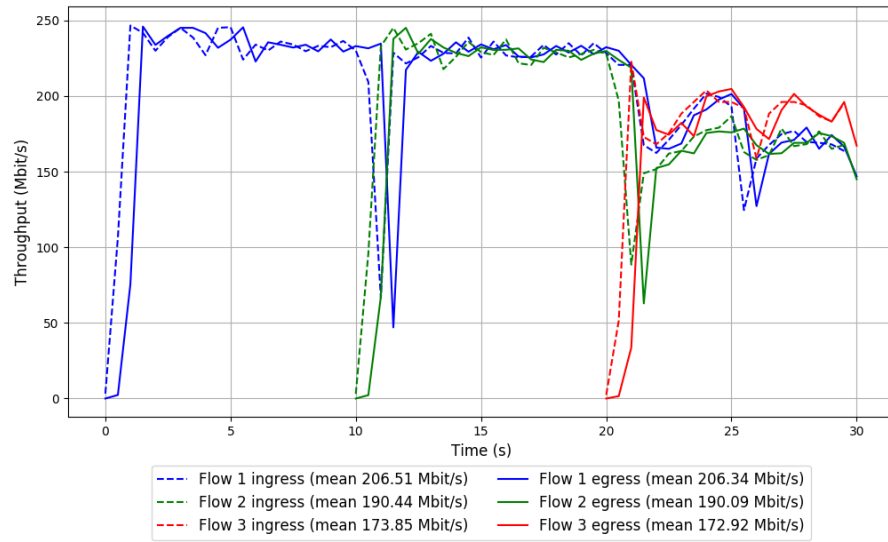
-- Flow 3:

Average throughput: 172.92 Mbit/s

95th percentile per-packet one-way delay: 102.288 ms

Loss rate: 1.52%

Run 10: Report of TCP BBR — Data Link

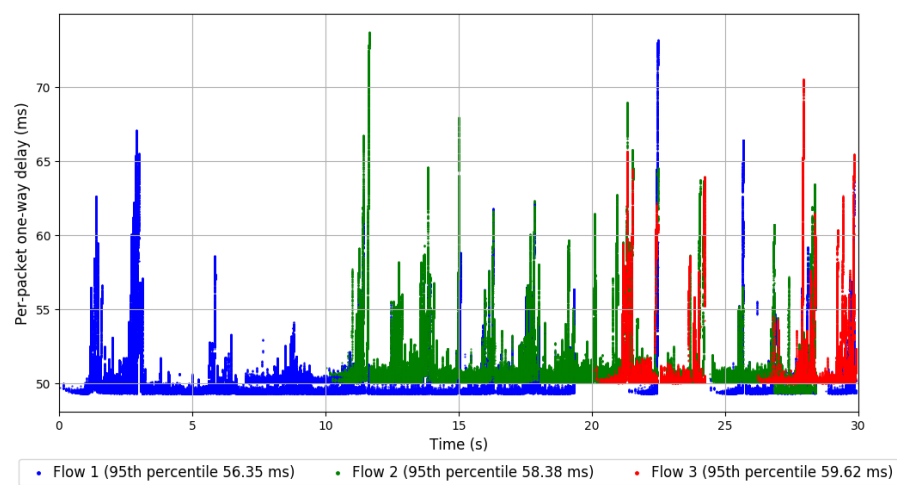
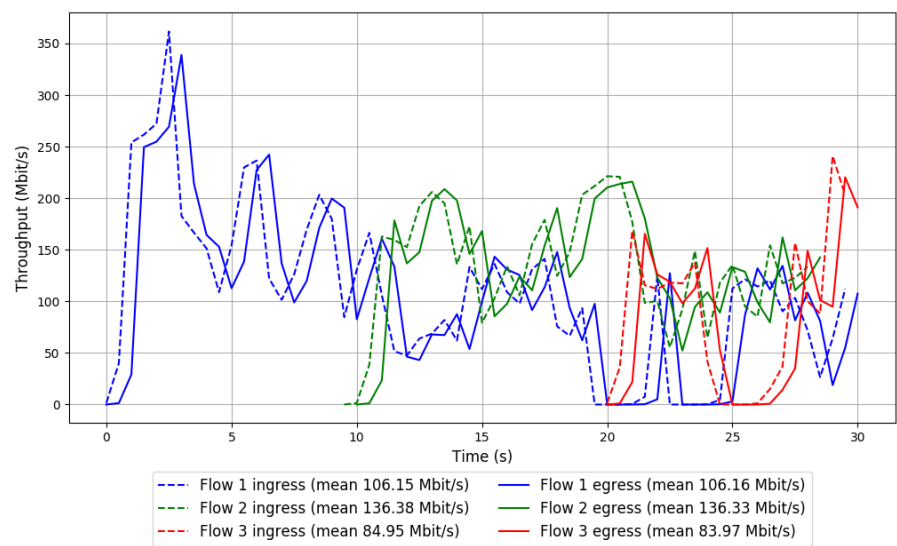


Run 1: Statistics of Copa

Start at: 2018-08-04 00:50:14
End at: 2018-08-04 00:50:44
Local clock offset: 0.122 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-08-04 05:12:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 217.53 Mbit/s
95th percentile per-packet one-way delay: 57.842 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 106.16 Mbit/s
95th percentile per-packet one-way delay: 56.350 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 136.33 Mbit/s
95th percentile per-packet one-way delay: 58.377 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 83.97 Mbit/s
95th percentile per-packet one-way delay: 59.618 ms
Loss rate: 2.12%

Run 1: Report of Copa — Data Link

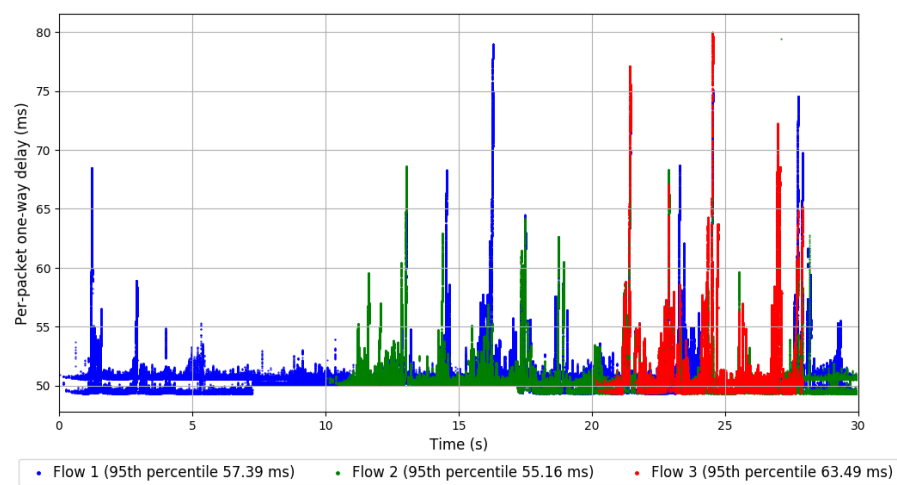
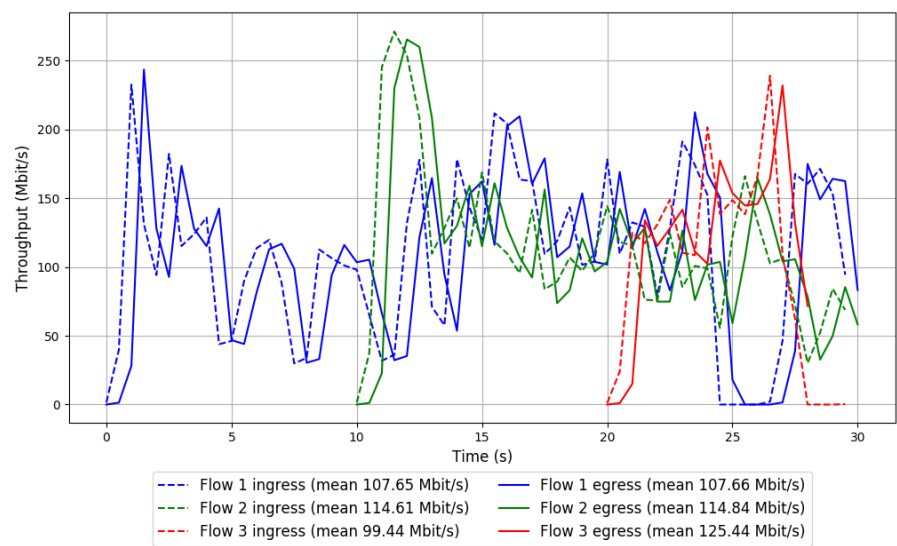


Run 2: Statistics of Copa

Start at: 2018-08-04 01:15:14
End at: 2018-08-04 01:15:44
Local clock offset: 0.132 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-08-04 05:12:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 216.84 Mbit/s
95th percentile per-packet one-way delay: 57.471 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 107.66 Mbit/s
95th percentile per-packet one-way delay: 57.391 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 114.84 Mbit/s
95th percentile per-packet one-way delay: 55.155 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 125.44 Mbit/s
95th percentile per-packet one-way delay: 63.494 ms
Loss rate: 0.02%

Run 2: Report of Copa — Data Link

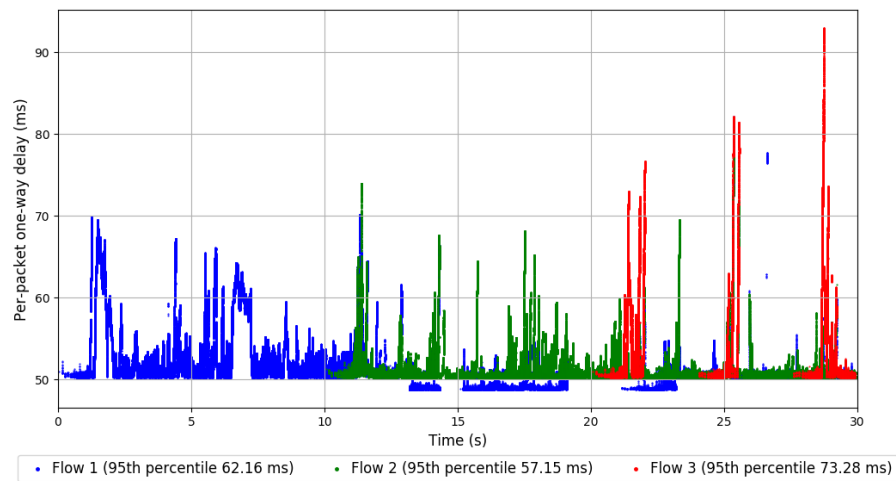
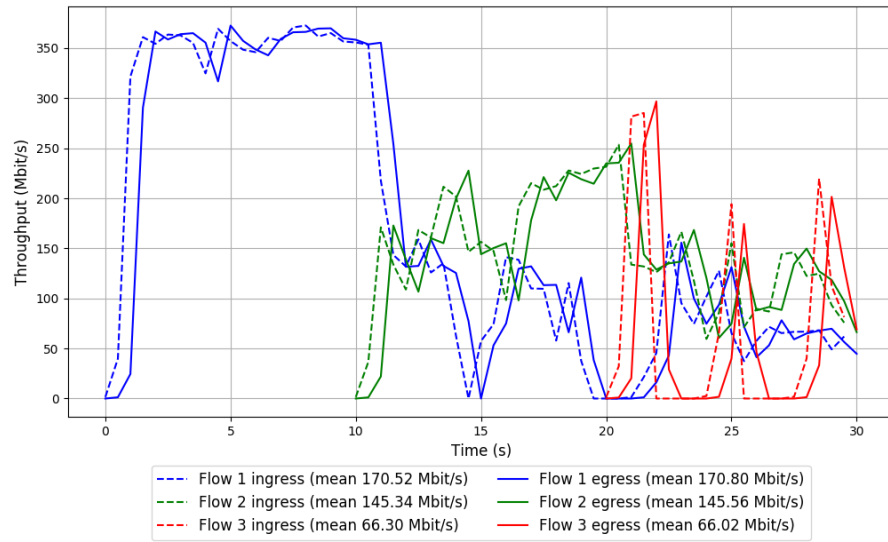


Run 3: Statistics of Copa

Start at: 2018-08-04 01:40:18
End at: 2018-08-04 01:40:48
Local clock offset: 0.213 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-08-04 05:15:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 289.18 Mbit/s
95th percentile per-packet one-way delay: 62.275 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 170.80 Mbit/s
95th percentile per-packet one-way delay: 62.164 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 145.56 Mbit/s
95th percentile per-packet one-way delay: 57.151 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 66.02 Mbit/s
95th percentile per-packet one-way delay: 73.283 ms
Loss rate: 1.44%

Run 3: Report of Copa — Data Link

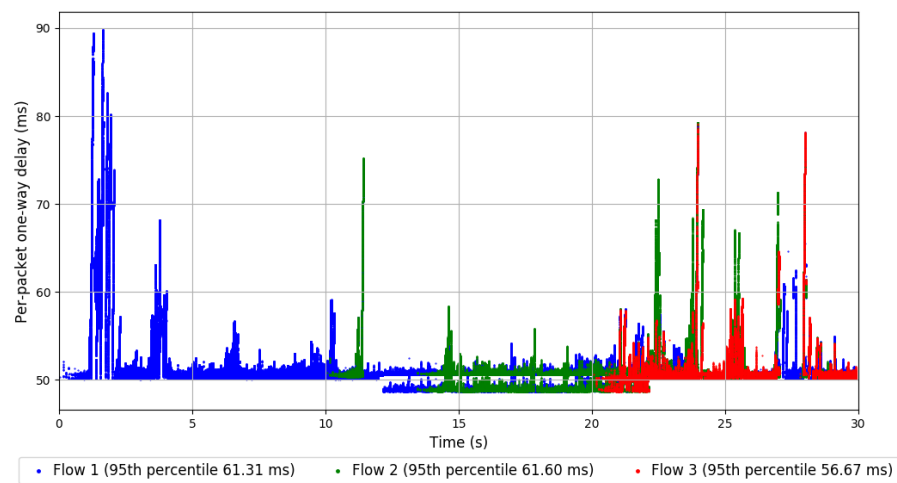
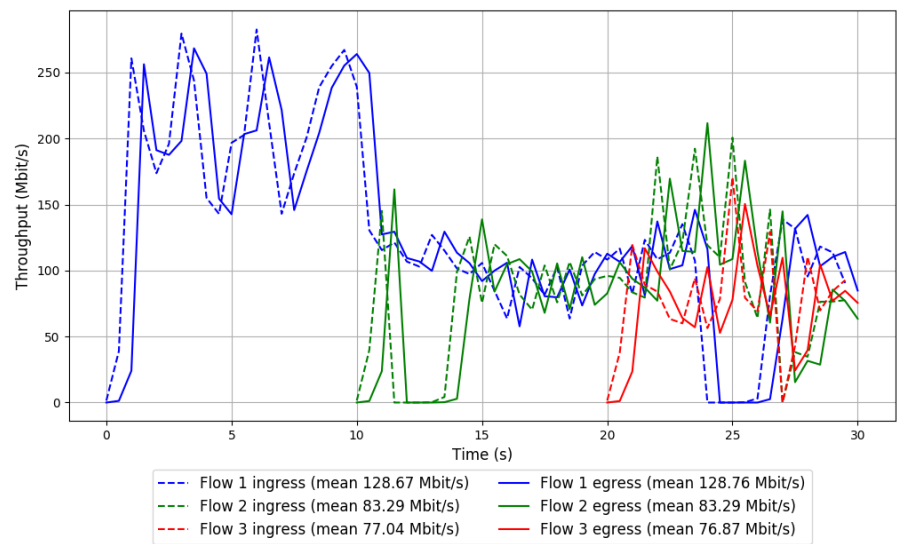


Run 4: Statistics of Copa

Start at: 2018-08-04 02:05:19
End at: 2018-08-04 02:05:49
Local clock offset: 0.164 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-08-04 05:15:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 209.48 Mbit/s
95th percentile per-packet one-way delay: 60.559 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 128.76 Mbit/s
95th percentile per-packet one-way delay: 61.311 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 83.29 Mbit/s
95th percentile per-packet one-way delay: 61.604 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 76.87 Mbit/s
95th percentile per-packet one-way delay: 56.666 ms
Loss rate: 1.23%

Run 4: Report of Copa — Data Link

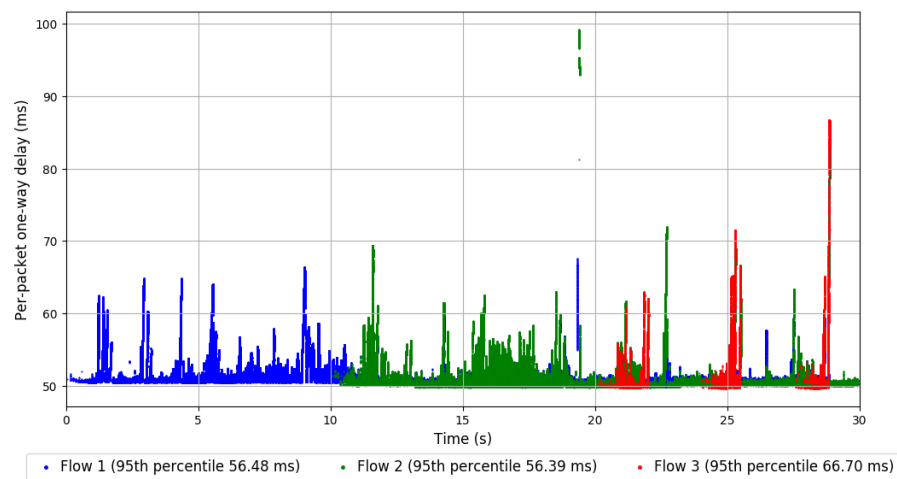
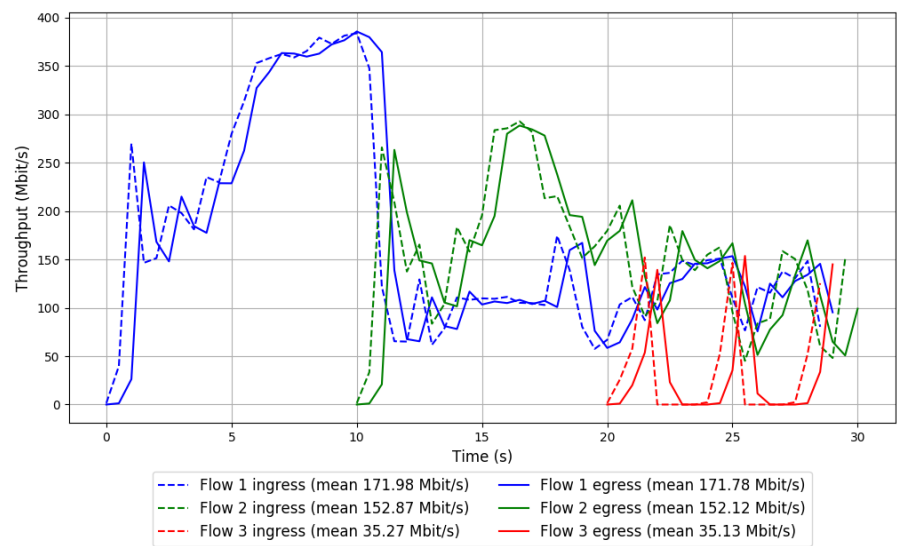


Run 5: Statistics of Copa

Start at: 2018-08-04 02:30:08
End at: 2018-08-04 02:30:38
Local clock offset: 0.13 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2018-08-04 05:15:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 277.27 Mbit/s
95th percentile per-packet one-way delay: 56.975 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 171.78 Mbit/s
95th percentile per-packet one-way delay: 56.478 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 152.12 Mbit/s
95th percentile per-packet one-way delay: 56.394 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 35.13 Mbit/s
95th percentile per-packet one-way delay: 66.696 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

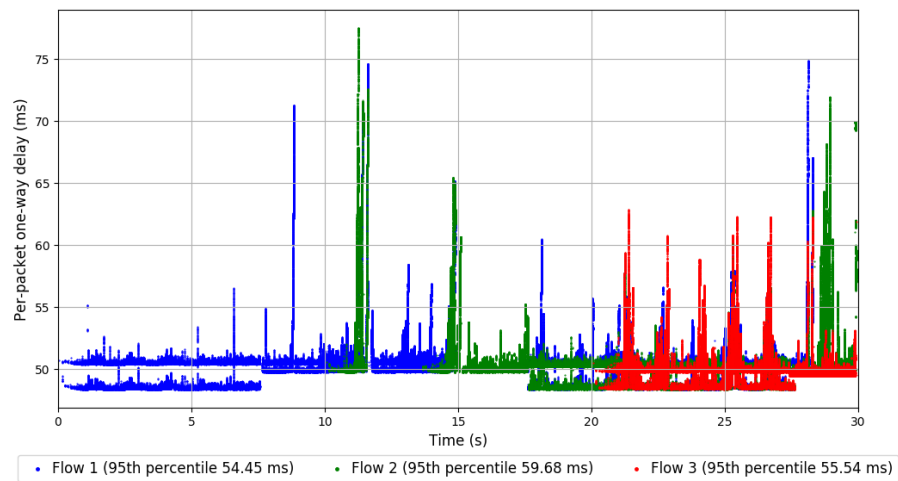
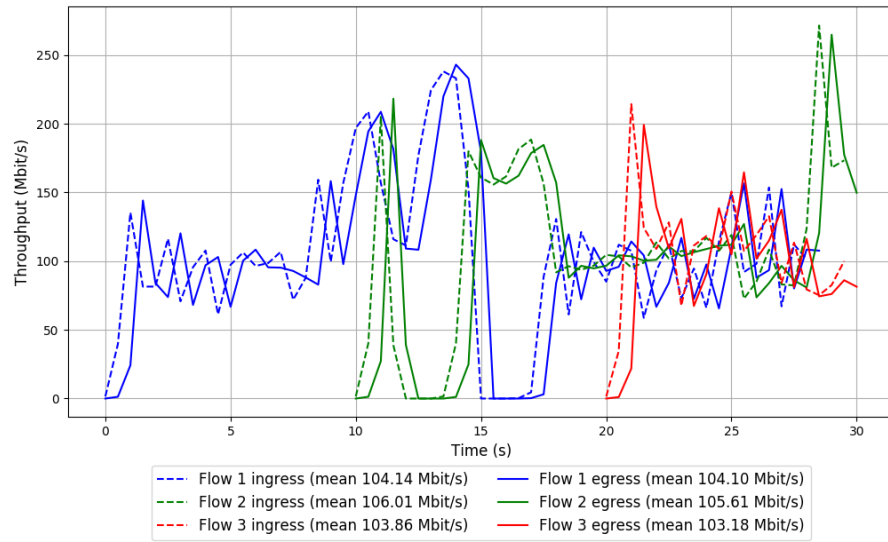


Run 6: Statistics of Copa

Start at: 2018-08-04 02:55:04
End at: 2018-08-04 02:55:34
Local clock offset: -0.291 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-08-04 05:15:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 202.73 Mbit/s
95th percentile per-packet one-way delay: 56.289 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 104.10 Mbit/s
95th percentile per-packet one-way delay: 54.452 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 105.61 Mbit/s
95th percentile per-packet one-way delay: 59.681 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 103.18 Mbit/s
95th percentile per-packet one-way delay: 55.539 ms
Loss rate: 1.22%

Run 6: Report of Copa — Data Link

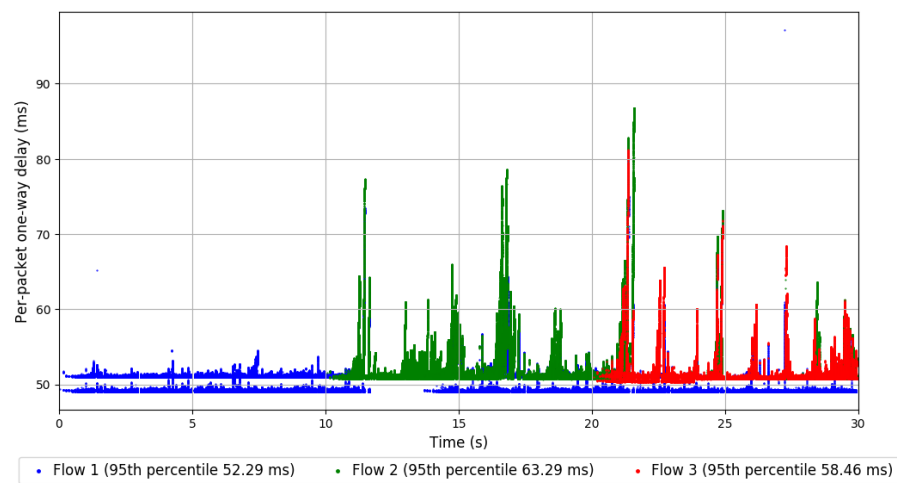
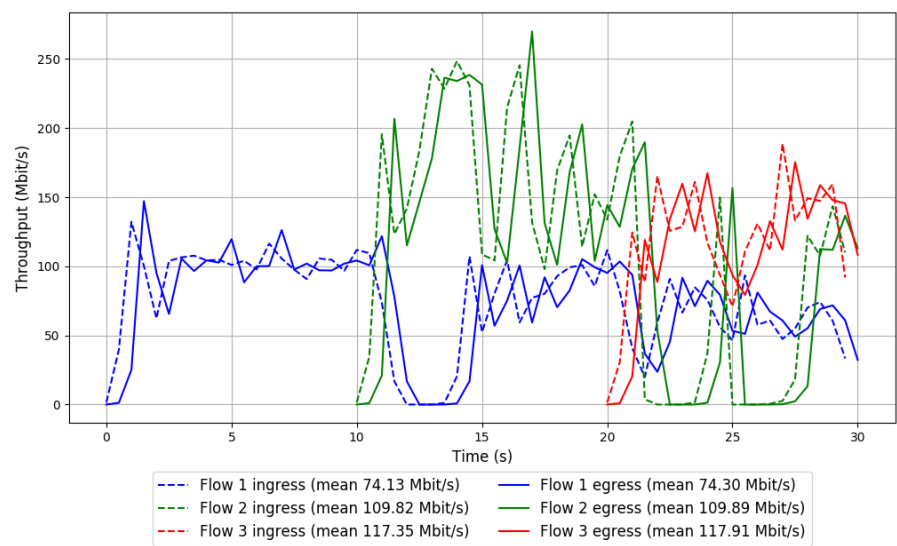


Run 7: Statistics of Copa

Start at: 2018-08-04 03:19:58
End at: 2018-08-04 03:20:28
Local clock offset: 0.405 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-08-04 05:18:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 186.18 Mbit/s
95th percentile per-packet one-way delay: 59.117 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 74.30 Mbit/s
95th percentile per-packet one-way delay: 52.293 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 109.89 Mbit/s
95th percentile per-packet one-way delay: 63.294 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 117.91 Mbit/s
95th percentile per-packet one-way delay: 58.462 ms
Loss rate: 0.34%

Run 7: Report of Copa — Data Link

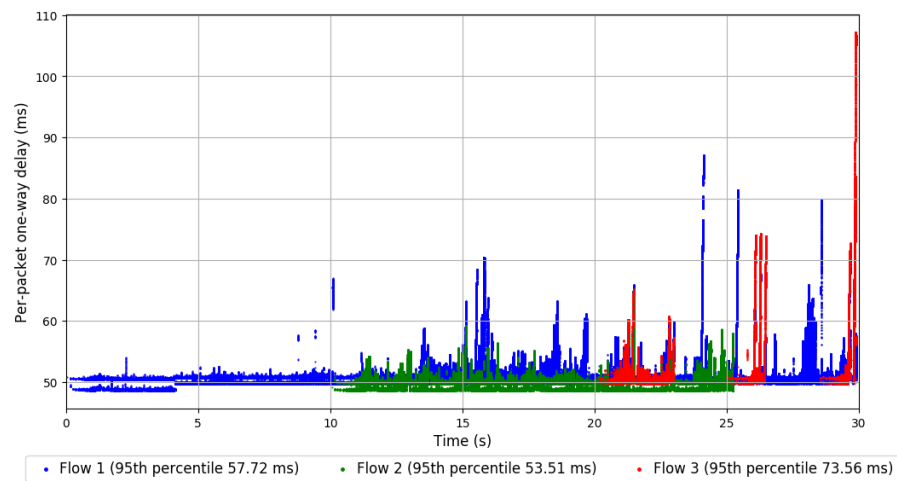
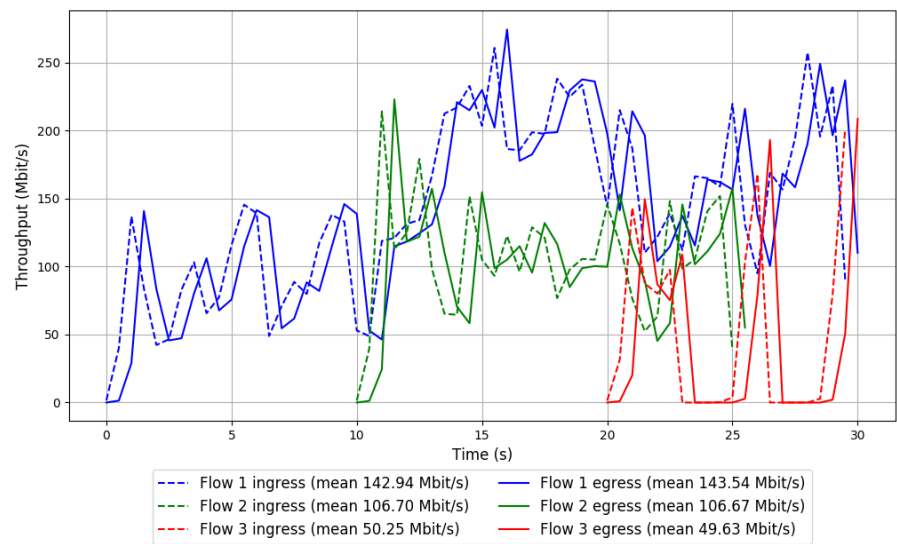


Run 8: Statistics of Copa

Start at: 2018-08-04 03:44:37
End at: 2018-08-04 03:45:07
Local clock offset: 0.055 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-08-04 05:20:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 214.08 Mbit/s
95th percentile per-packet one-way delay: 57.929 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 143.54 Mbit/s
95th percentile per-packet one-way delay: 57.718 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 106.67 Mbit/s
95th percentile per-packet one-way delay: 53.509 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.63 Mbit/s
95th percentile per-packet one-way delay: 73.555 ms
Loss rate: 2.24%

Run 8: Report of Copa — Data Link

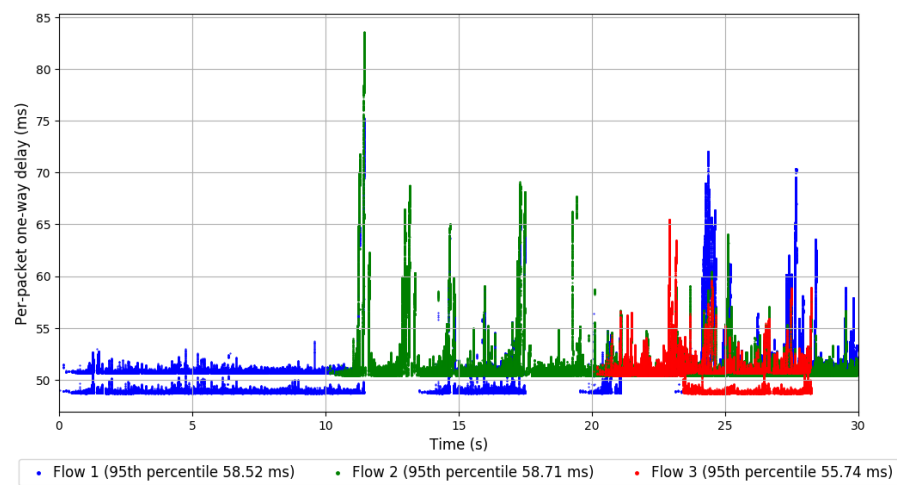
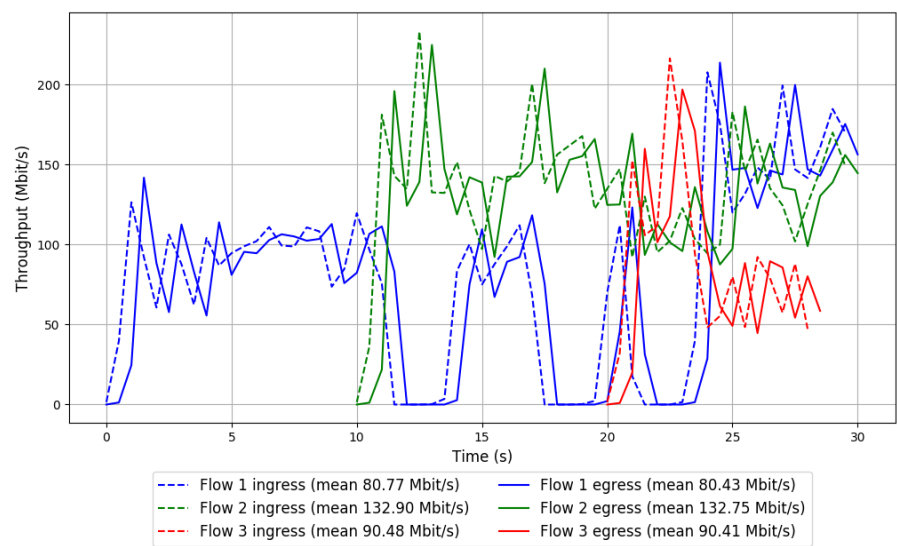


Run 9: Statistics of Copa

Start at: 2018-08-04 04:09:28
End at: 2018-08-04 04:09:58
Local clock offset: 0.032 ms
Remote clock offset: -0.129 ms

```
# Below is generated by plot.py at 2018-08-04 05:20:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 193.39 Mbit/s
95th percentile per-packet one-way delay: 58.236 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 80.43 Mbit/s
95th percentile per-packet one-way delay: 58.520 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 132.75 Mbit/s
95th percentile per-packet one-way delay: 58.709 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 55.740 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

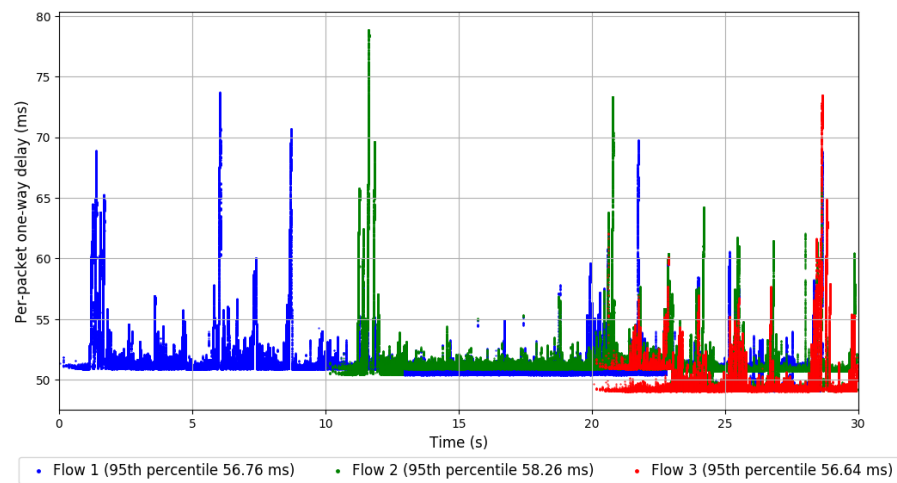
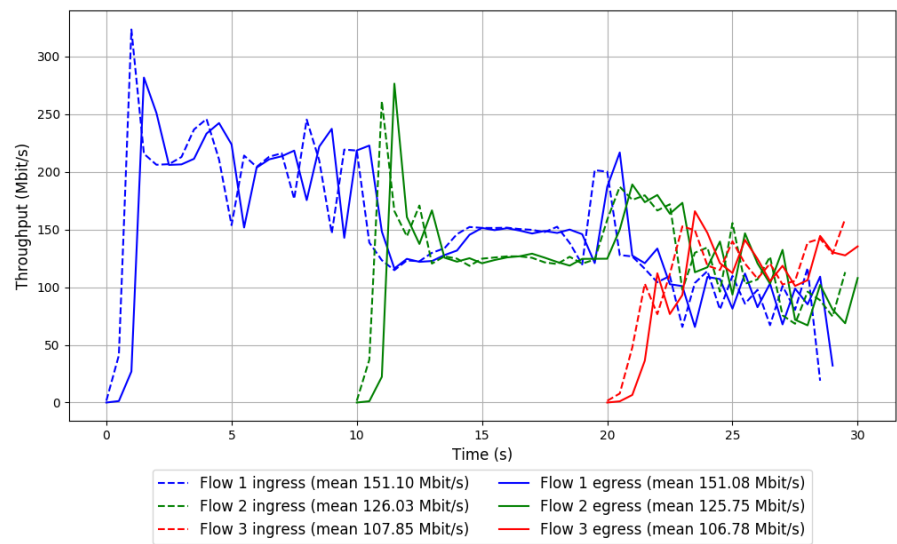


Run 10: Statistics of Copa

Start at: 2018-08-04 04:34:19
End at: 2018-08-04 04:34:49
Local clock offset: 0.351 ms
Remote clock offset: -0.139 ms

Below is generated by plot.py at 2018-08-04 05:21:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 263.51 Mbit/s
95th percentile per-packet one-way delay: 57.133 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 151.08 Mbit/s
95th percentile per-packet one-way delay: 56.761 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 125.75 Mbit/s
95th percentile per-packet one-way delay: 58.260 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 106.78 Mbit/s
95th percentile per-packet one-way delay: 56.642 ms
Loss rate: 1.99%

Run 10: Report of Copa — Data Link

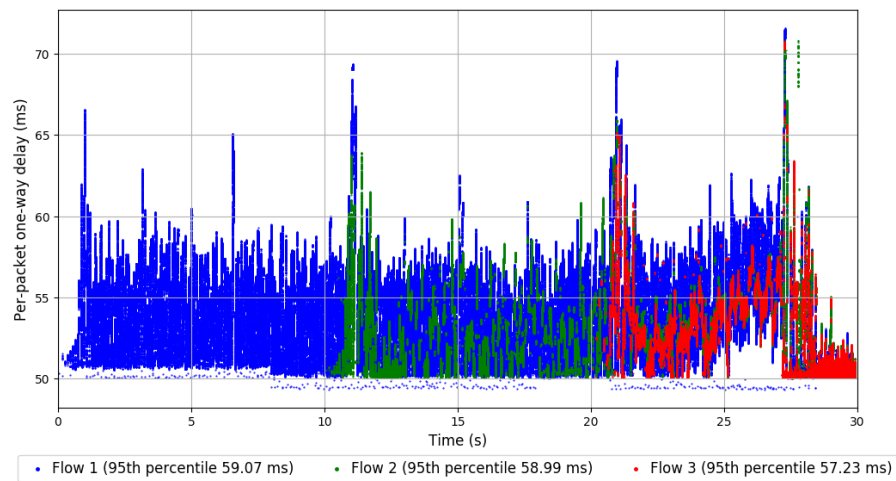
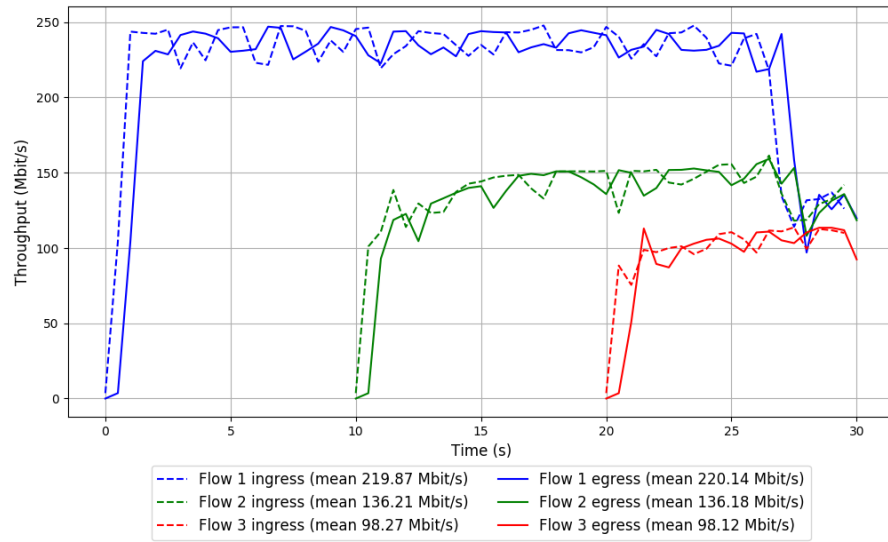


Run 1: Statistics of TCP Cubic

Start at: 2018-08-04 00:31:13
End at: 2018-08-04 00:31:43
Local clock offset: 0.006 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2018-08-04 05:21:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 342.96 Mbit/s
95th percentile per-packet one-way delay: 58.934 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 220.14 Mbit/s
95th percentile per-packet one-way delay: 59.068 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 136.18 Mbit/s
95th percentile per-packet one-way delay: 58.995 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 98.12 Mbit/s
95th percentile per-packet one-way delay: 57.228 ms
Loss rate: 1.17%

Run 1: Report of TCP Cubic — Data Link

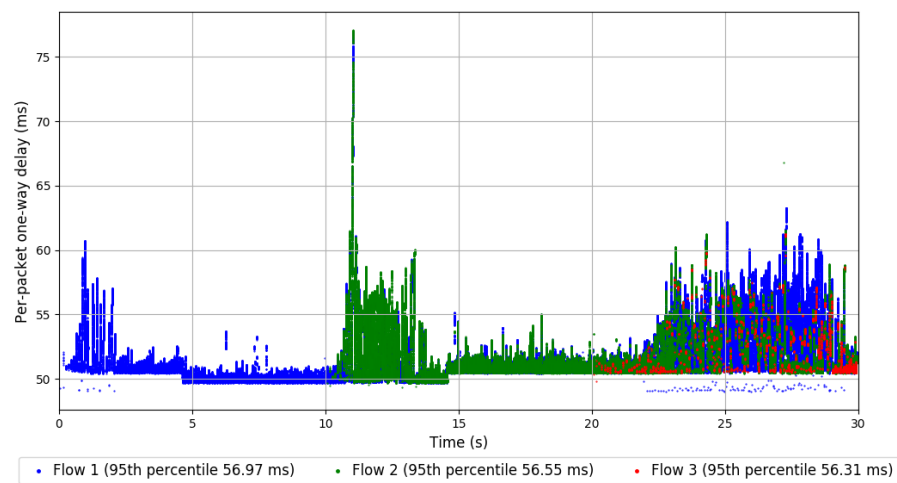
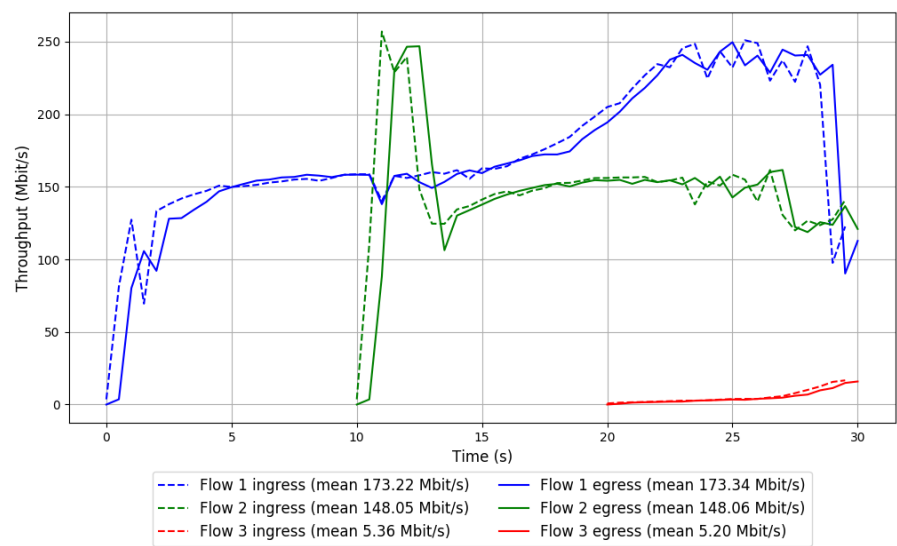


Run 2: Statistics of TCP Cubic

Start at: 2018-08-04 00:55:57
End at: 2018-08-04 00:56:27
Local clock offset: 0.531 ms
Remote clock offset: -0.007 ms

Below is generated by plot.py at 2018-08-04 05:21:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 273.48 Mbit/s
95th percentile per-packet one-way delay: 56.809 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 173.34 Mbit/s
95th percentile per-packet one-way delay: 56.971 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 148.06 Mbit/s
95th percentile per-packet one-way delay: 56.553 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 5.20 Mbit/s
95th percentile per-packet one-way delay: 56.313 ms
Loss rate: 3.94%

Run 2: Report of TCP Cubic — Data Link

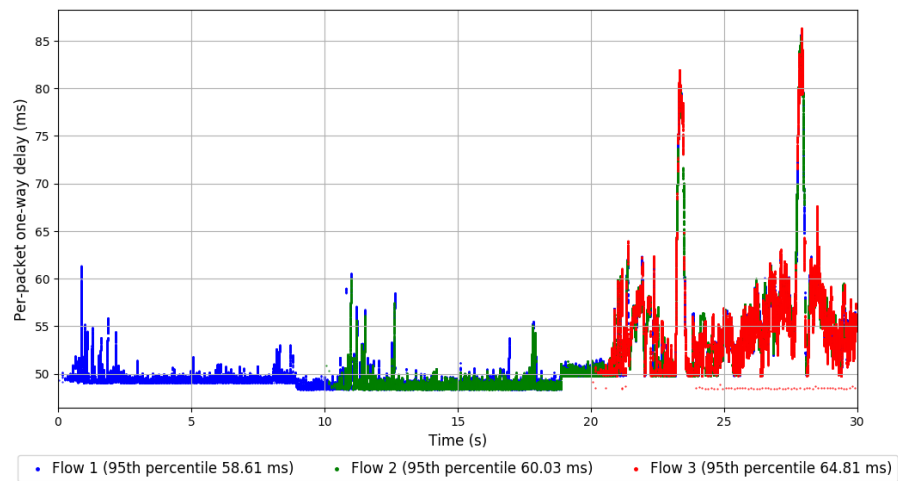
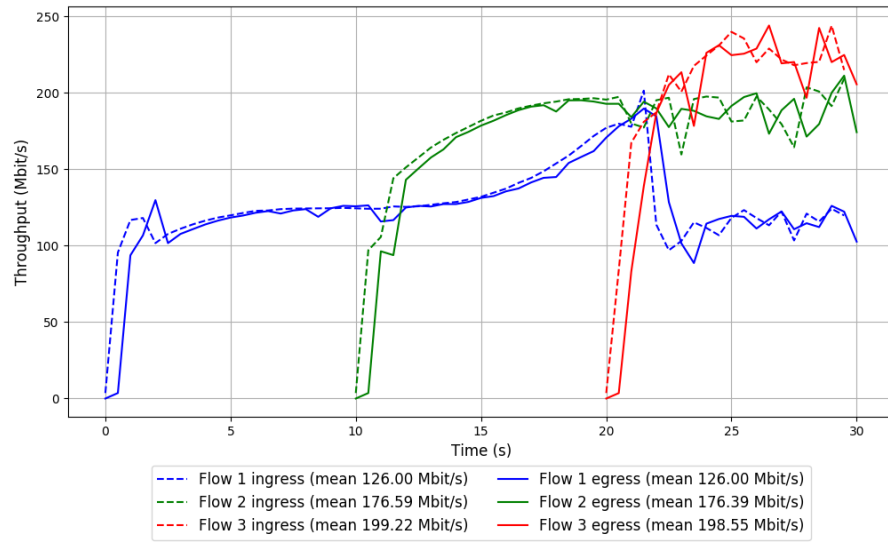


Run 3: Statistics of TCP Cubic

Start at: 2018-08-04 01:20:53
End at: 2018-08-04 01:21:23
Local clock offset: -0.197 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-08-04 05:21:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 308.73 Mbit/s
95th percentile per-packet one-way delay: 60.157 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 126.00 Mbit/s
95th percentile per-packet one-way delay: 58.608 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 176.39 Mbit/s
95th percentile per-packet one-way delay: 60.035 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 198.55 Mbit/s
95th percentile per-packet one-way delay: 64.813 ms
Loss rate: 1.33%

Run 3: Report of TCP Cubic — Data Link

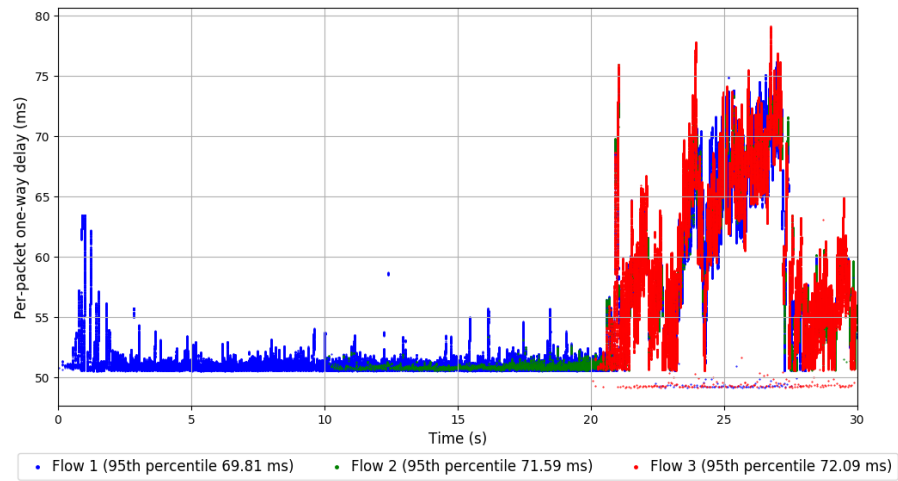
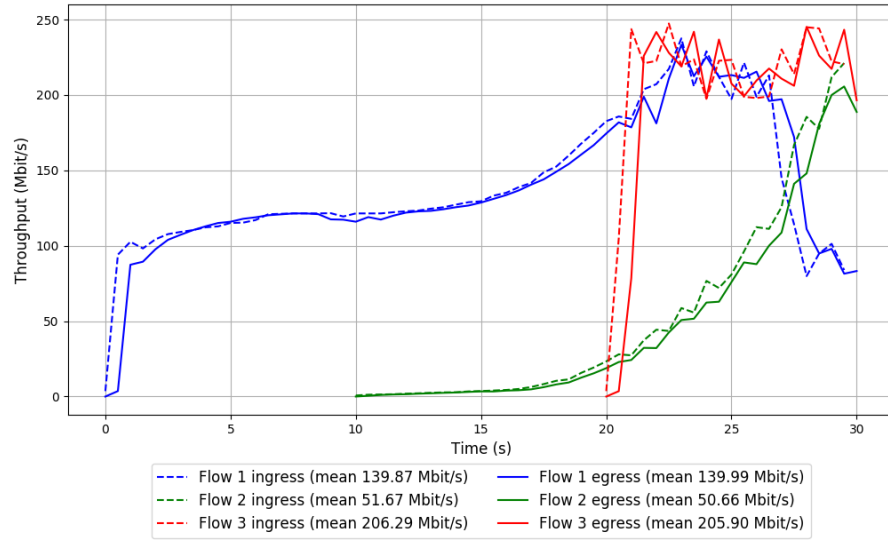


Run 4: Statistics of TCP Cubic

Start at: 2018-08-04 01:46:06
End at: 2018-08-04 01:46:36
Local clock offset: 0.519 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-08-04 05:21:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 241.49 Mbit/s
95th percentile per-packet one-way delay: 70.954 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 139.99 Mbit/s
95th percentile per-packet one-way delay: 69.805 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 50.66 Mbit/s
95th percentile per-packet one-way delay: 71.590 ms
Loss rate: 2.46%
-- Flow 3:
Average throughput: 205.90 Mbit/s
95th percentile per-packet one-way delay: 72.089 ms
Loss rate: 1.19%

Run 4: Report of TCP Cubic — Data Link

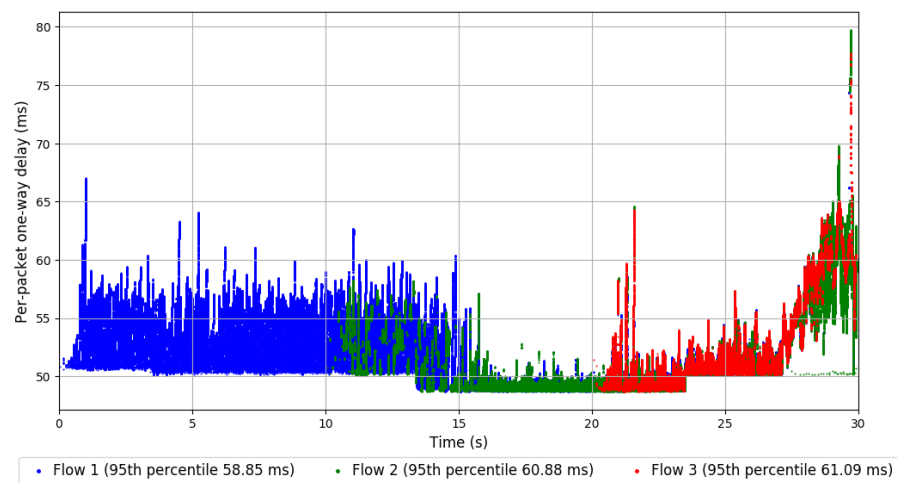
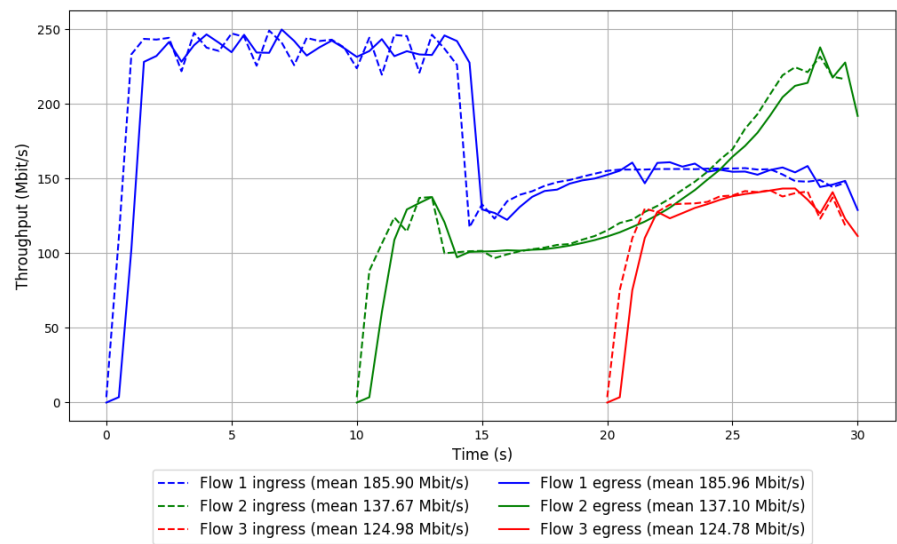


Run 5: Statistics of TCP Cubic

Start at: 2018-08-04 02:10:58
End at: 2018-08-04 02:11:28
Local clock offset: 0.146 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-08-04 05:24:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 318.15 Mbit/s
95th percentile per-packet one-way delay: 59.815 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 185.96 Mbit/s
95th percentile per-packet one-way delay: 58.850 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 137.10 Mbit/s
95th percentile per-packet one-way delay: 60.881 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 124.78 Mbit/s
95th percentile per-packet one-way delay: 61.093 ms
Loss rate: 1.17%

Run 5: Report of TCP Cubic — Data Link

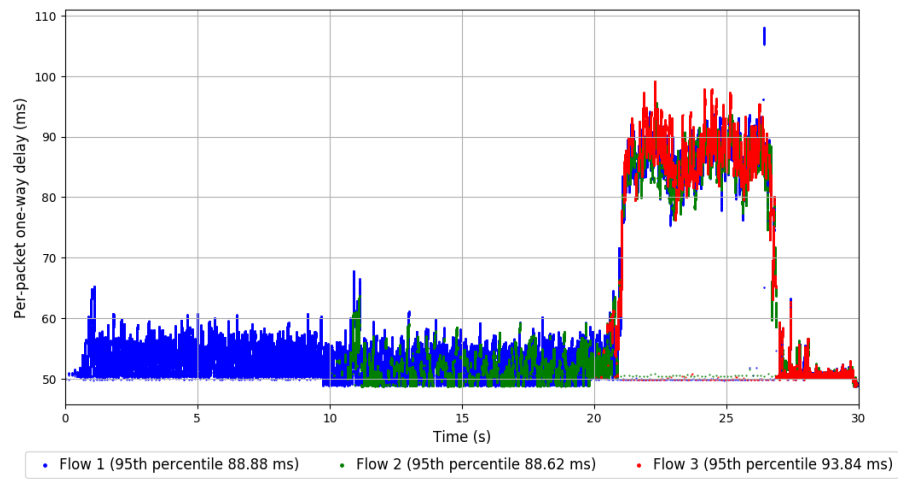
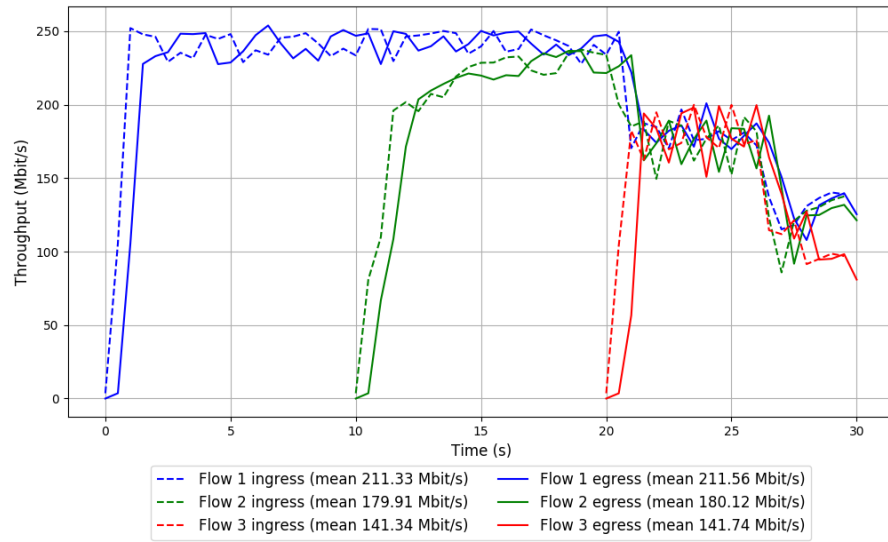


Run 6: Statistics of TCP Cubic

Start at: 2018-08-04 02:35:52
End at: 2018-08-04 02:36:22
Local clock offset: 0.094 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2018-08-04 05:26:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 378.05 Mbit/s
95th percentile per-packet one-way delay: 90.191 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 211.56 Mbit/s
95th percentile per-packet one-way delay: 88.879 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 180.12 Mbit/s
95th percentile per-packet one-way delay: 88.618 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 141.74 Mbit/s
95th percentile per-packet one-way delay: 93.843 ms
Loss rate: 0.72%

Run 6: Report of TCP Cubic — Data Link

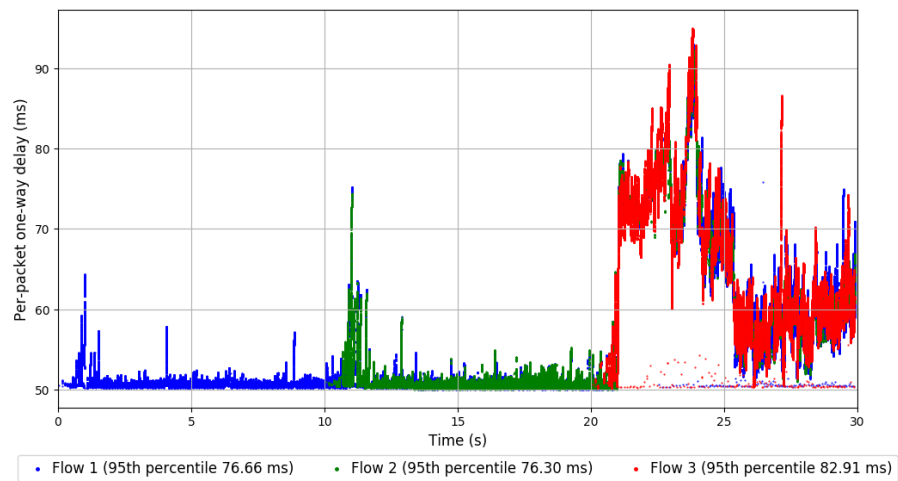
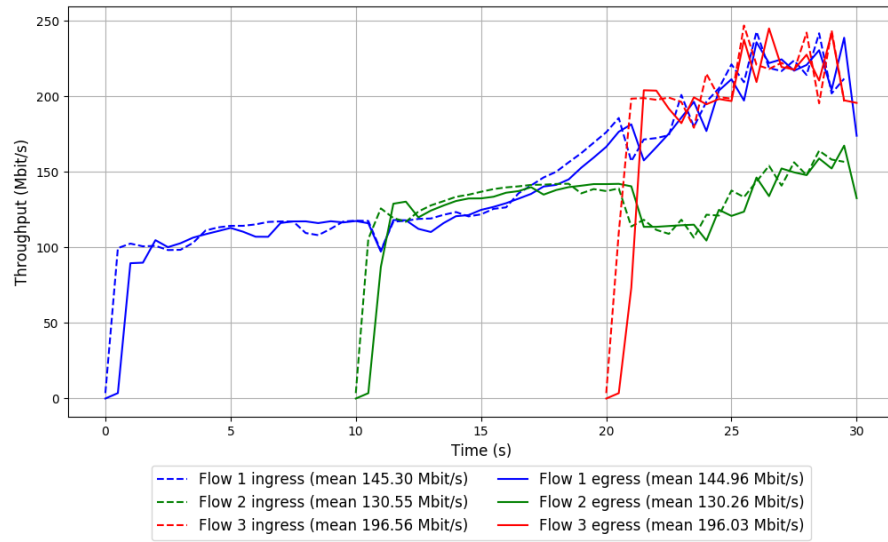


Run 7: Statistics of TCP Cubic

Start at: 2018-08-04 03:00:38
End at: 2018-08-04 03:01:08
Local clock offset: -0.324 ms
Remote clock offset: -0.072 ms

Below is generated by plot.py at 2018-08-04 05:26:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 296.06 Mbit/s
95th percentile per-packet one-way delay: 78.081 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 144.96 Mbit/s
95th percentile per-packet one-way delay: 76.656 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 130.26 Mbit/s
95th percentile per-packet one-way delay: 76.301 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 196.03 Mbit/s
95th percentile per-packet one-way delay: 82.914 ms
Loss rate: 1.26%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-08-04 03:25:35

End at: 2018-08-04 03:26:05

Local clock offset: 0.033 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2018-08-04 05:26:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 319.76 Mbit/s

95th percentile per-packet one-way delay: 71.935 ms

Loss rate: 0.64%

-- Flow 1:

Average throughput: 147.40 Mbit/s

95th percentile per-packet one-way delay: 70.673 ms

Loss rate: 0.56%

-- Flow 2:

Average throughput: 203.63 Mbit/s

95th percentile per-packet one-way delay: 72.475 ms

Loss rate: 0.54%

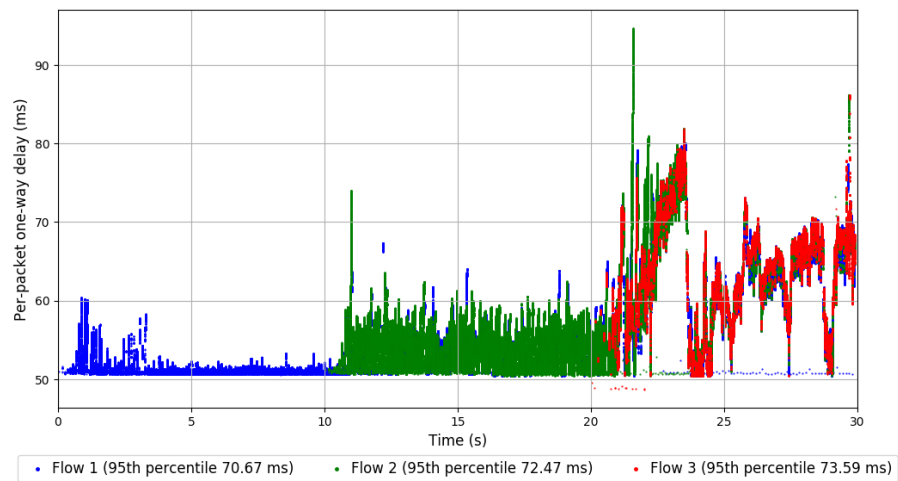
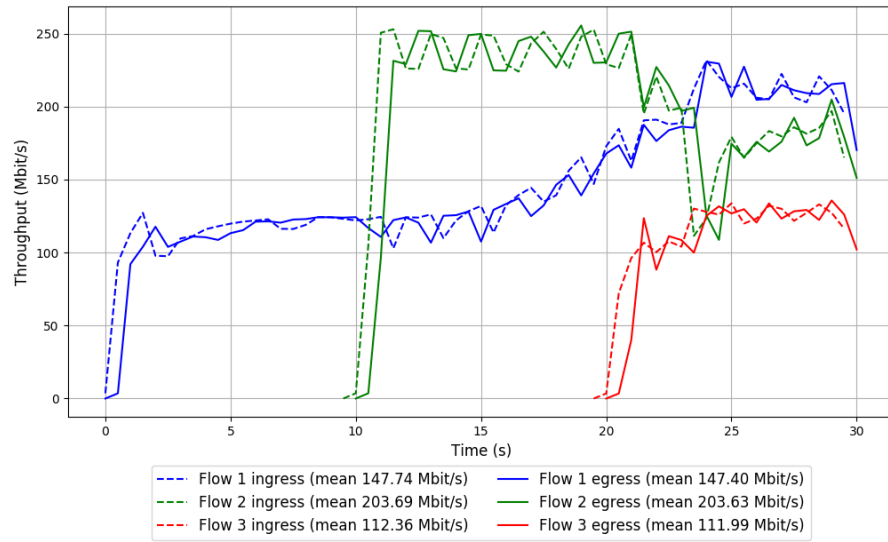
-- Flow 3:

Average throughput: 111.99 Mbit/s

95th percentile per-packet one-way delay: 73.591 ms

Loss rate: 1.31%

Run 8: Report of TCP Cubic — Data Link

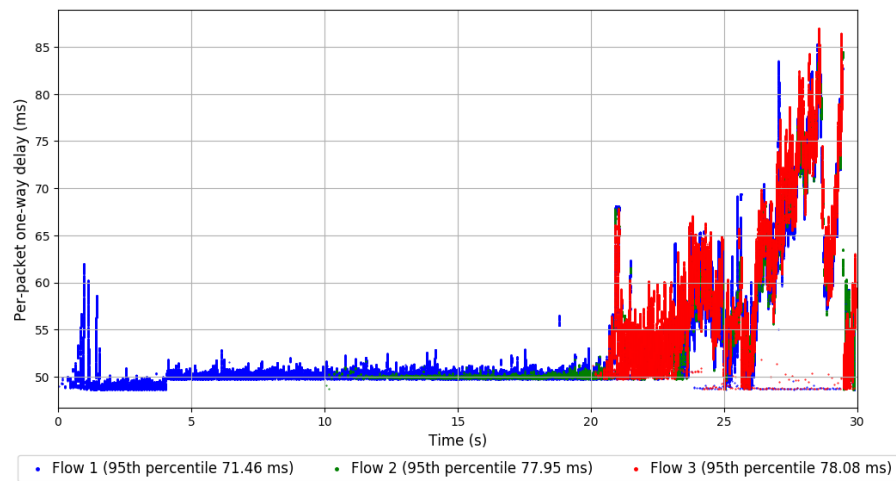
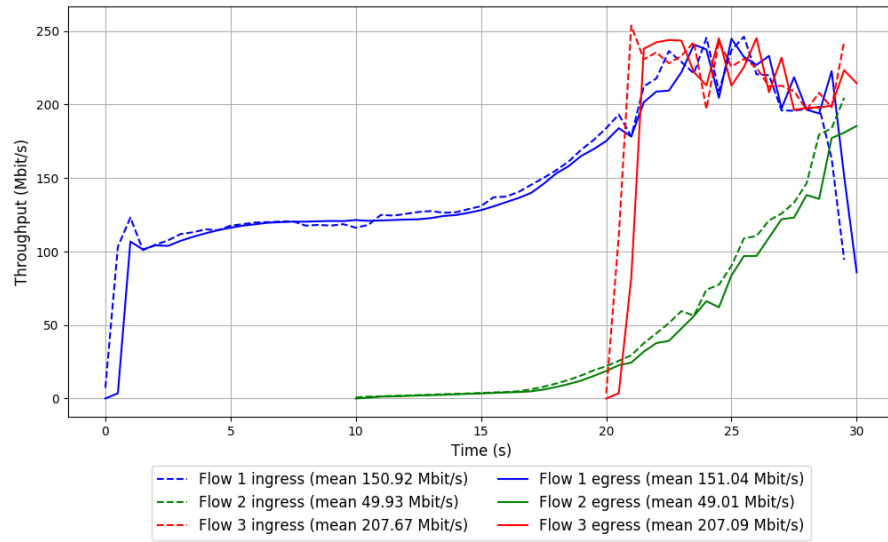


Run 9: Statistics of TCP Cubic

Start at: 2018-08-04 03:50:17
End at: 2018-08-04 03:50:47
Local clock offset: 0.052 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2018-08-04 05:26:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 251.76 Mbit/s
95th percentile per-packet one-way delay: 75.384 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 151.04 Mbit/s
95th percentile per-packet one-way delay: 71.456 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 49.01 Mbit/s
95th percentile per-packet one-way delay: 77.952 ms
Loss rate: 2.33%
-- Flow 3:
Average throughput: 207.09 Mbit/s
95th percentile per-packet one-way delay: 78.080 ms
Loss rate: 1.28%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-08-04 04:15:05

End at: 2018-08-04 04:15:35

Local clock offset: -0.332 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-08-04 05:26:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 299.28 Mbit/s

95th percentile per-packet one-way delay: 58.292 ms

Loss rate: 0.45%

-- Flow 1:

Average throughput: 154.01 Mbit/s

95th percentile per-packet one-way delay: 58.038 ms

Loss rate: 0.52%

-- Flow 2:

Average throughput: 216.12 Mbit/s

95th percentile per-packet one-way delay: 58.467 ms

Loss rate: 0.32%

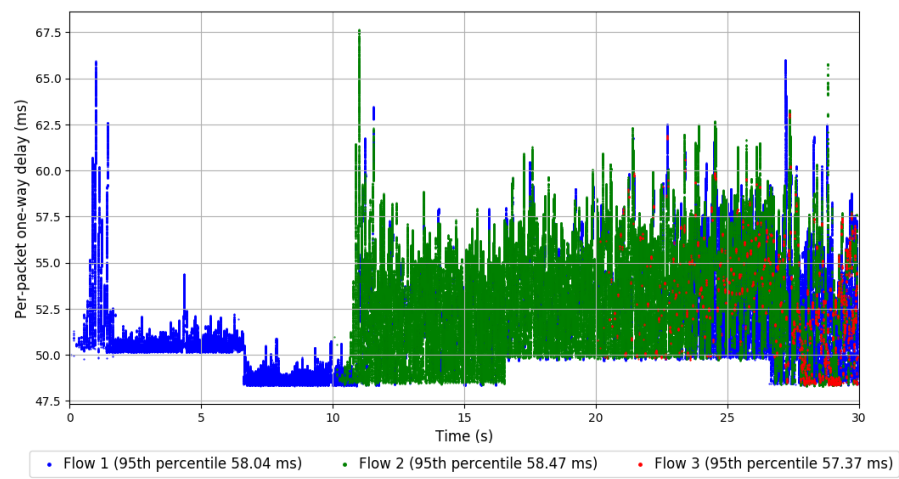
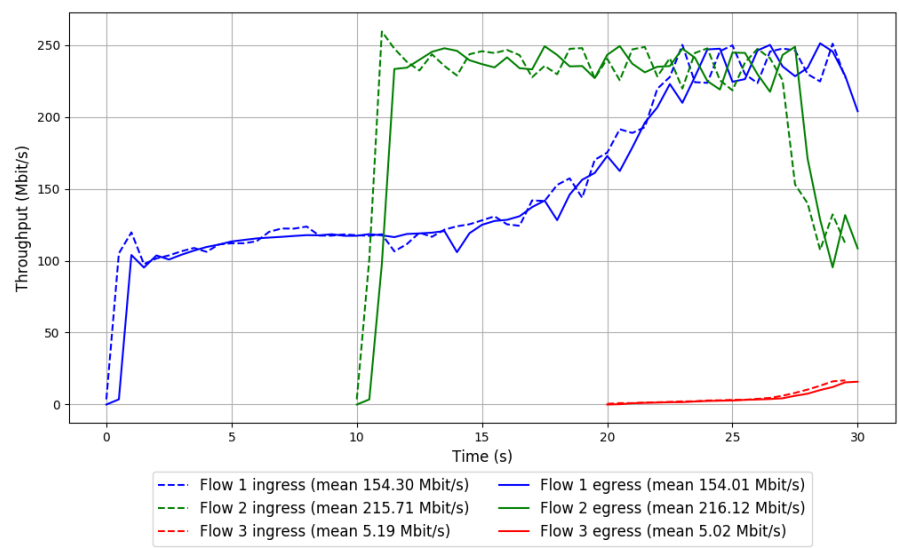
-- Flow 3:

Average throughput: 5.02 Mbit/s

95th percentile per-packet one-way delay: 57.373 ms

Loss rate: 4.22%

Run 10: Report of TCP Cubic — Data Link

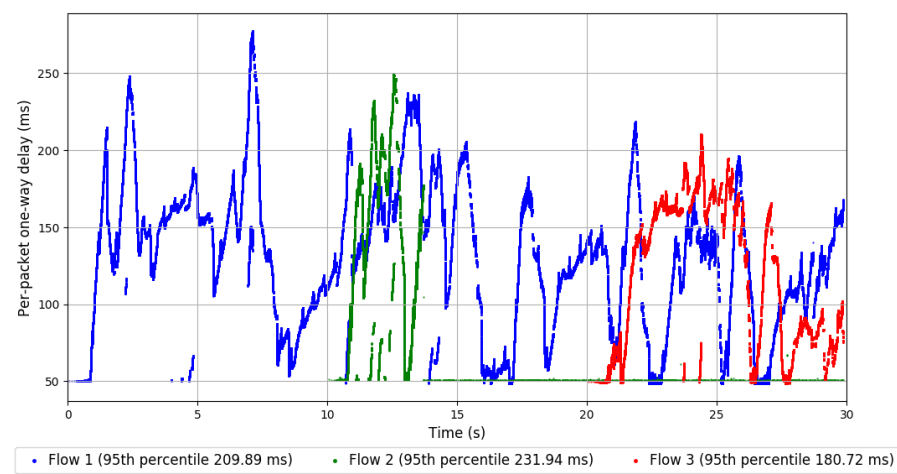
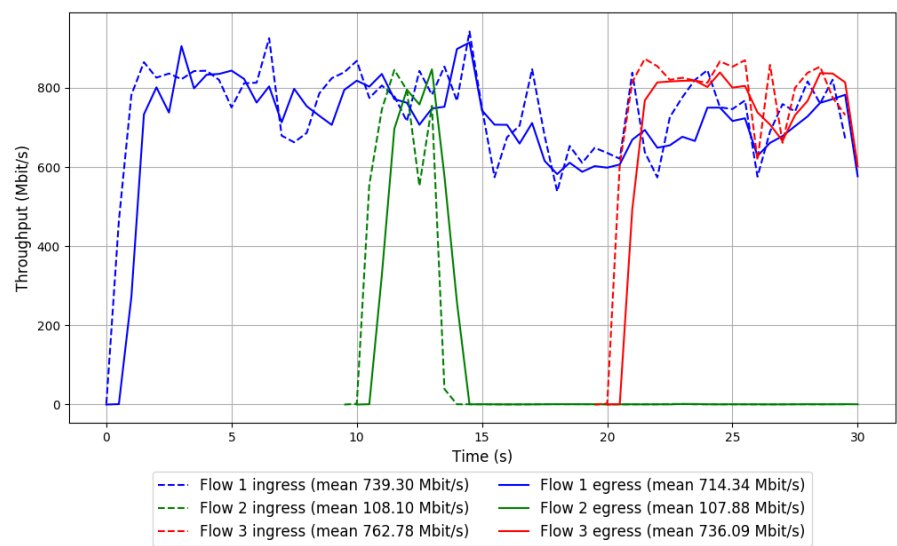


Run 1: Statistics of FillP

Start at: 2018-08-04 00:48:24
End at: 2018-08-04 00:48:54
Local clock offset: 0.162 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2018-08-04 05:41:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 1028.60 Mbit/s
95th percentile per-packet one-way delay: 206.900 ms
Loss rate: 3.69%
-- Flow 1:
Average throughput: 714.34 Mbit/s
95th percentile per-packet one-way delay: 209.889 ms
Loss rate: 3.71%
-- Flow 2:
Average throughput: 107.88 Mbit/s
95th percentile per-packet one-way delay: 231.943 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 736.09 Mbit/s
95th percentile per-packet one-way delay: 180.720 ms
Loss rate: 4.48%

Run 1: Report of FillP — Data Link

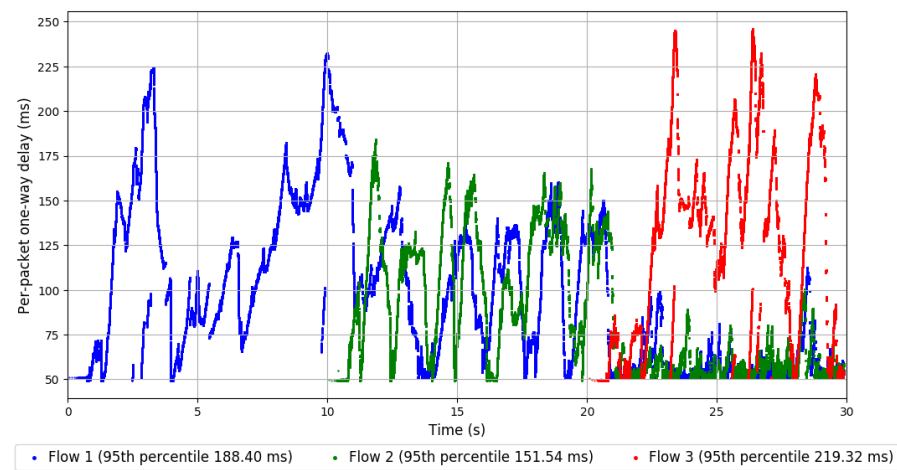
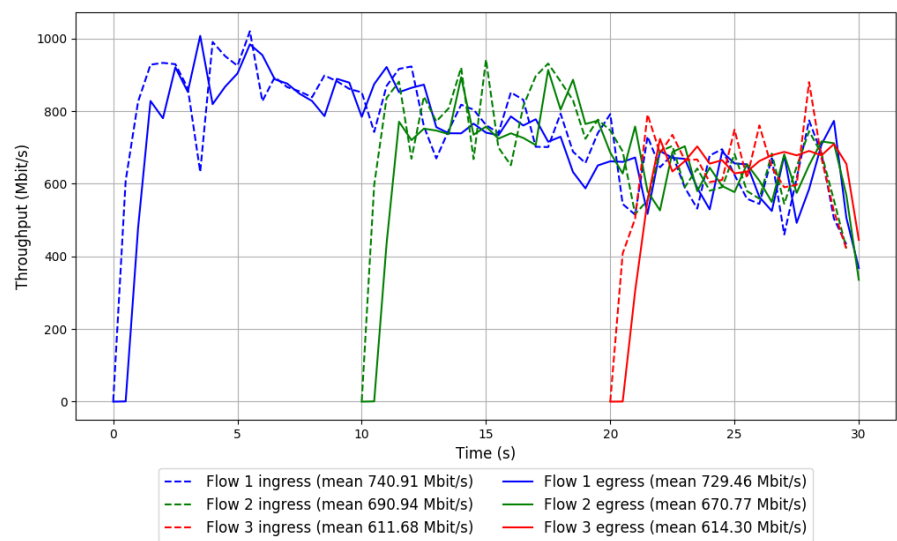


Run 2: Statistics of FillP

Start at: 2018-08-04 01:13:11
End at: 2018-08-04 01:13:41
Local clock offset: 0.117 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-08-04 05:52:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 1377.16 Mbit/s
95th percentile per-packet one-way delay: 187.731 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 729.46 Mbit/s
95th percentile per-packet one-way delay: 188.401 ms
Loss rate: 1.89%
-- Flow 2:
Average throughput: 670.77 Mbit/s
95th percentile per-packet one-way delay: 151.541 ms
Loss rate: 3.42%
-- Flow 3:
Average throughput: 614.30 Mbit/s
95th percentile per-packet one-way delay: 219.324 ms
Loss rate: 0.60%

Run 2: Report of FillP — Data Link

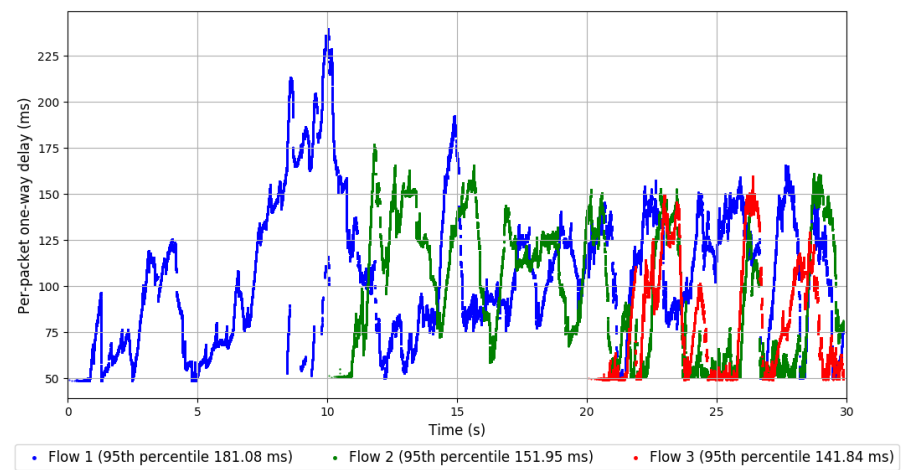
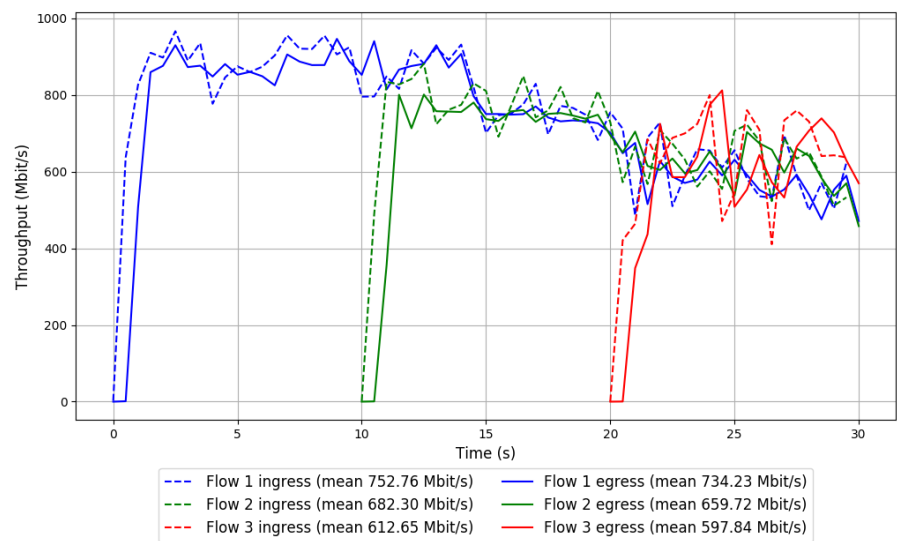


Run 3: Statistics of FillP

Start at: 2018-08-04 01:38:16
End at: 2018-08-04 01:38:46
Local clock offset: 0.134 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-08-04 05:54:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 1369.27 Mbit/s
95th percentile per-packet one-way delay: 164.109 ms
Loss rate: 3.20%
-- Flow 1:
Average throughput: 734.23 Mbit/s
95th percentile per-packet one-way delay: 181.079 ms
Loss rate: 2.79%
-- Flow 2:
Average throughput: 659.72 Mbit/s
95th percentile per-packet one-way delay: 151.953 ms
Loss rate: 3.80%
-- Flow 3:
Average throughput: 597.84 Mbit/s
95th percentile per-packet one-way delay: 141.840 ms
Loss rate: 3.42%

Run 3: Report of FillP — Data Link

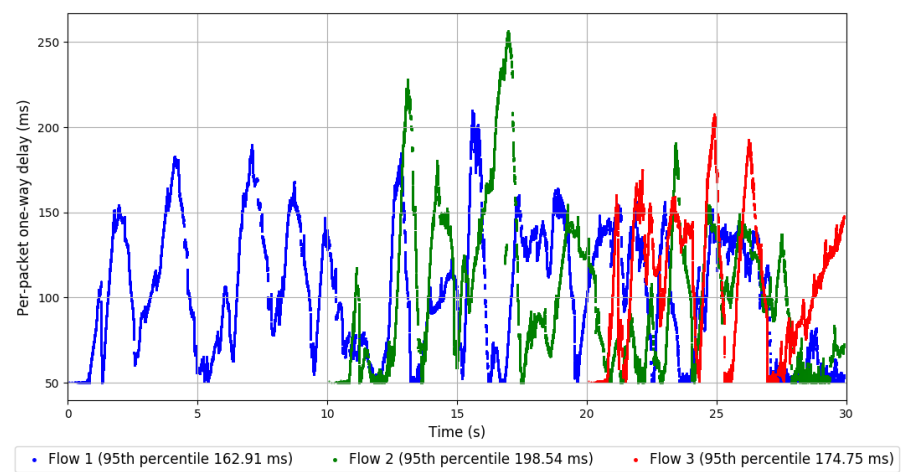
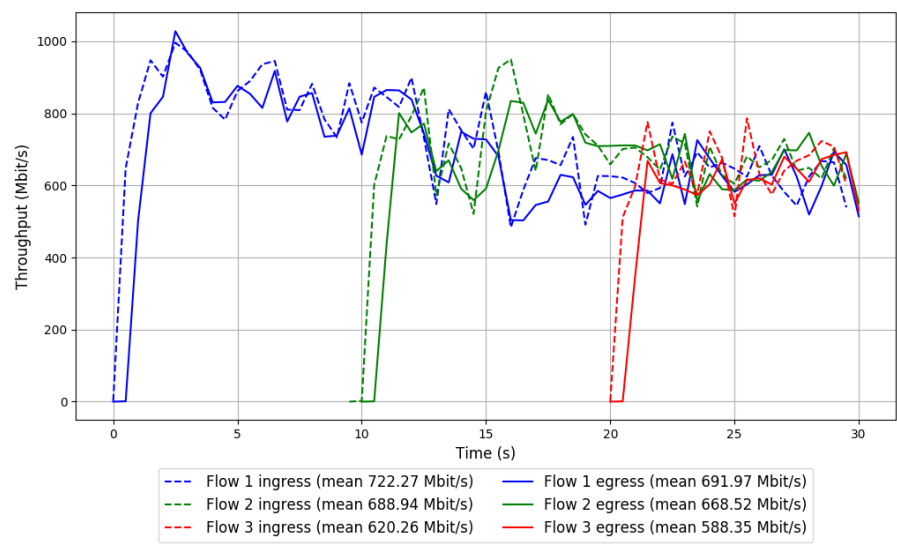


Run 4: Statistics of FillP

Start at: 2018-08-04 02:03:18
End at: 2018-08-04 02:03:48
Local clock offset: 0.118 ms
Remote clock offset: -0.052 ms

Below is generated by plot.py at 2018-08-04 05:54:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 1330.25 Mbit/s
95th percentile per-packet one-way delay: 170.542 ms
Loss rate: 4.38%
-- Flow 1:
Average throughput: 691.97 Mbit/s
95th percentile per-packet one-way delay: 162.908 ms
Loss rate: 4.52%
-- Flow 2:
Average throughput: 668.52 Mbit/s
95th percentile per-packet one-way delay: 198.542 ms
Loss rate: 3.43%
-- Flow 3:
Average throughput: 588.35 Mbit/s
95th percentile per-packet one-way delay: 174.754 ms
Loss rate: 6.06%

Run 4: Report of FillP — Data Link

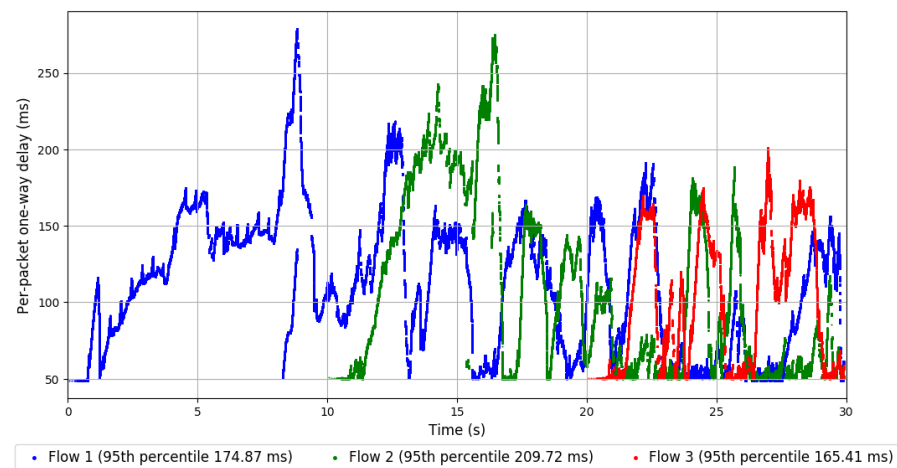
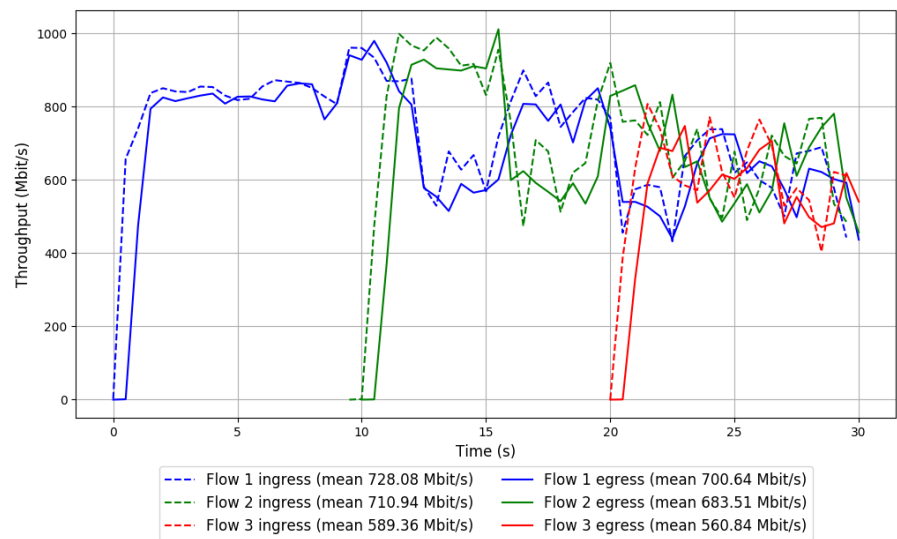


Run 5: Statistics of FillP

Start at: 2018-08-04 02:28:05
End at: 2018-08-04 02:28:35
Local clock offset: 0.053 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2018-08-04 05:55:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 1339.86 Mbit/s
95th percentile per-packet one-way delay: 198.281 ms
Loss rate: 4.41%
-- Flow 1:
Average throughput: 700.64 Mbit/s
95th percentile per-packet one-way delay: 174.874 ms
Loss rate: 4.06%
-- Flow 2:
Average throughput: 683.51 Mbit/s
95th percentile per-packet one-way delay: 209.725 ms
Loss rate: 4.35%
-- Flow 3:
Average throughput: 560.84 Mbit/s
95th percentile per-packet one-way delay: 165.410 ms
Loss rate: 5.81%

Run 5: Report of FillP — Data Link

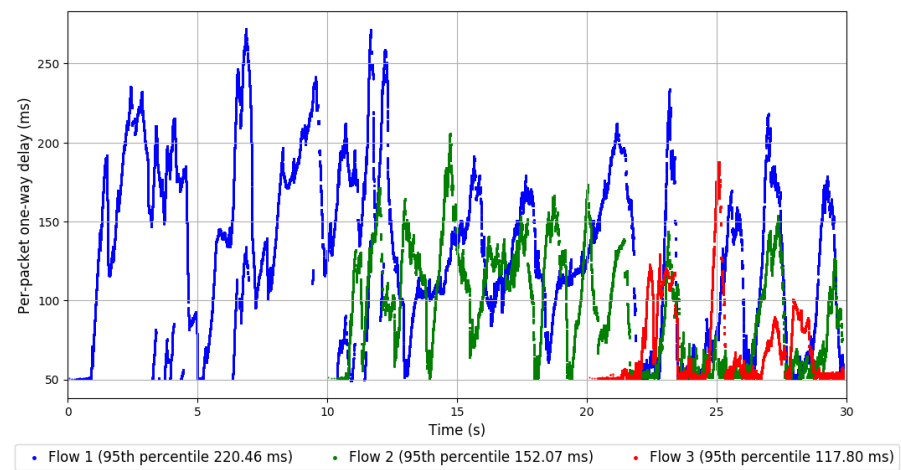
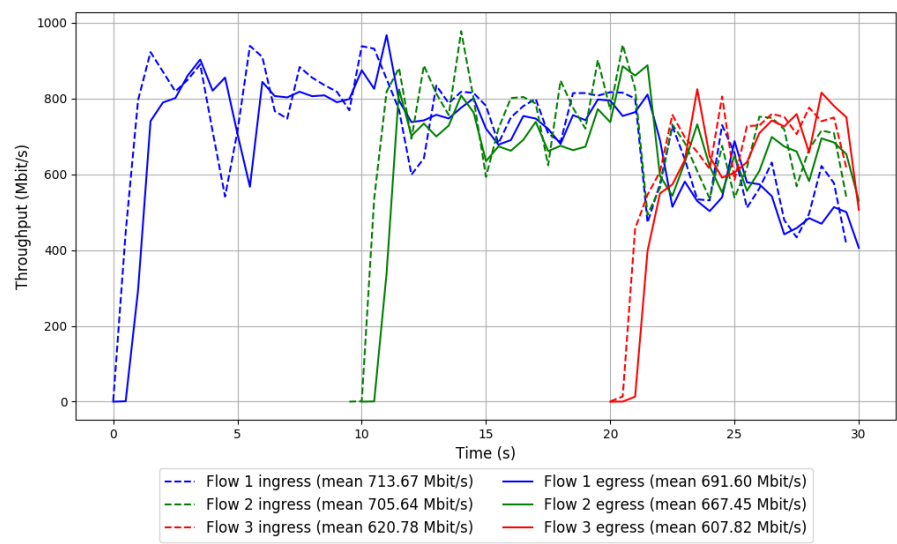


Run 6: Statistics of FillP

Start at: 2018-08-04 02:53:01
End at: 2018-08-04 02:53:31
Local clock offset: 0.44 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-08-04 05:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 1335.26 Mbit/s
95th percentile per-packet one-way delay: 206.601 ms
Loss rate: 4.21%
-- Flow 1:
Average throughput: 691.60 Mbit/s
95th percentile per-packet one-way delay: 220.460 ms
Loss rate: 3.42%
-- Flow 2:
Average throughput: 667.45 Mbit/s
95th percentile per-packet one-way delay: 152.073 ms
Loss rate: 5.90%
-- Flow 3:
Average throughput: 607.82 Mbit/s
95th percentile per-packet one-way delay: 117.797 ms
Loss rate: 3.09%

Run 6: Report of FillP — Data Link

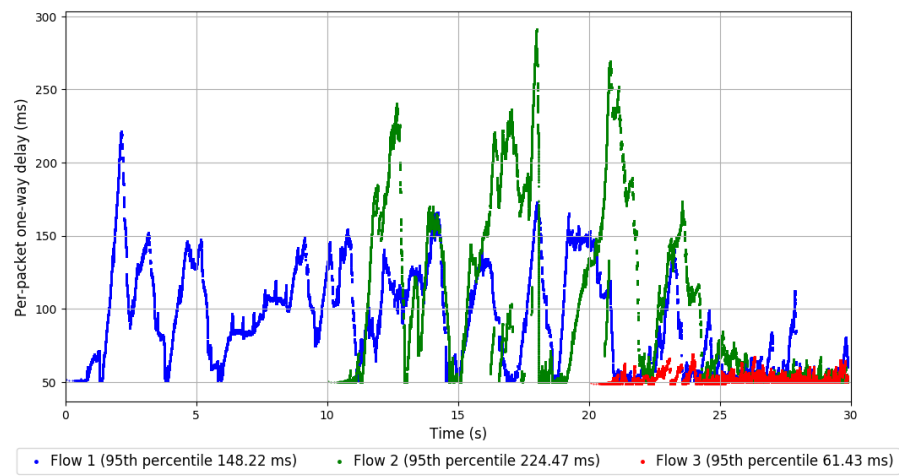
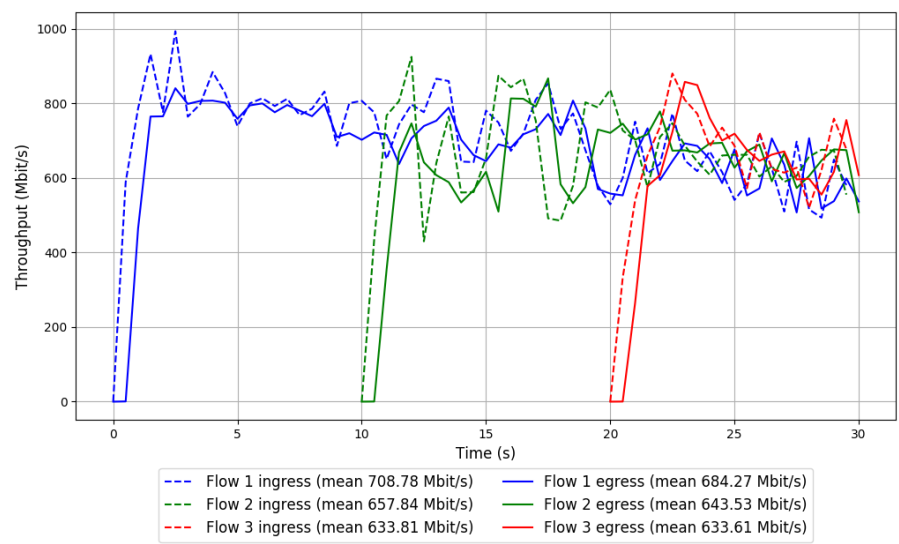


Run 7: Statistics of FillP

Start at: 2018-08-04 03:17:56
End at: 2018-08-04 03:18:26
Local clock offset: 0.09 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-08-04 05:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 1320.50 Mbit/s
95th percentile per-packet one-way delay: 184.532 ms
Loss rate: 3.01%
-- Flow 1:
Average throughput: 684.27 Mbit/s
95th percentile per-packet one-way delay: 148.216 ms
Loss rate: 3.79%
-- Flow 2:
Average throughput: 643.53 Mbit/s
95th percentile per-packet one-way delay: 224.466 ms
Loss rate: 2.68%
-- Flow 3:
Average throughput: 633.61 Mbit/s
95th percentile per-packet one-way delay: 61.430 ms
Loss rate: 1.04%

Run 7: Report of FillP — Data Link

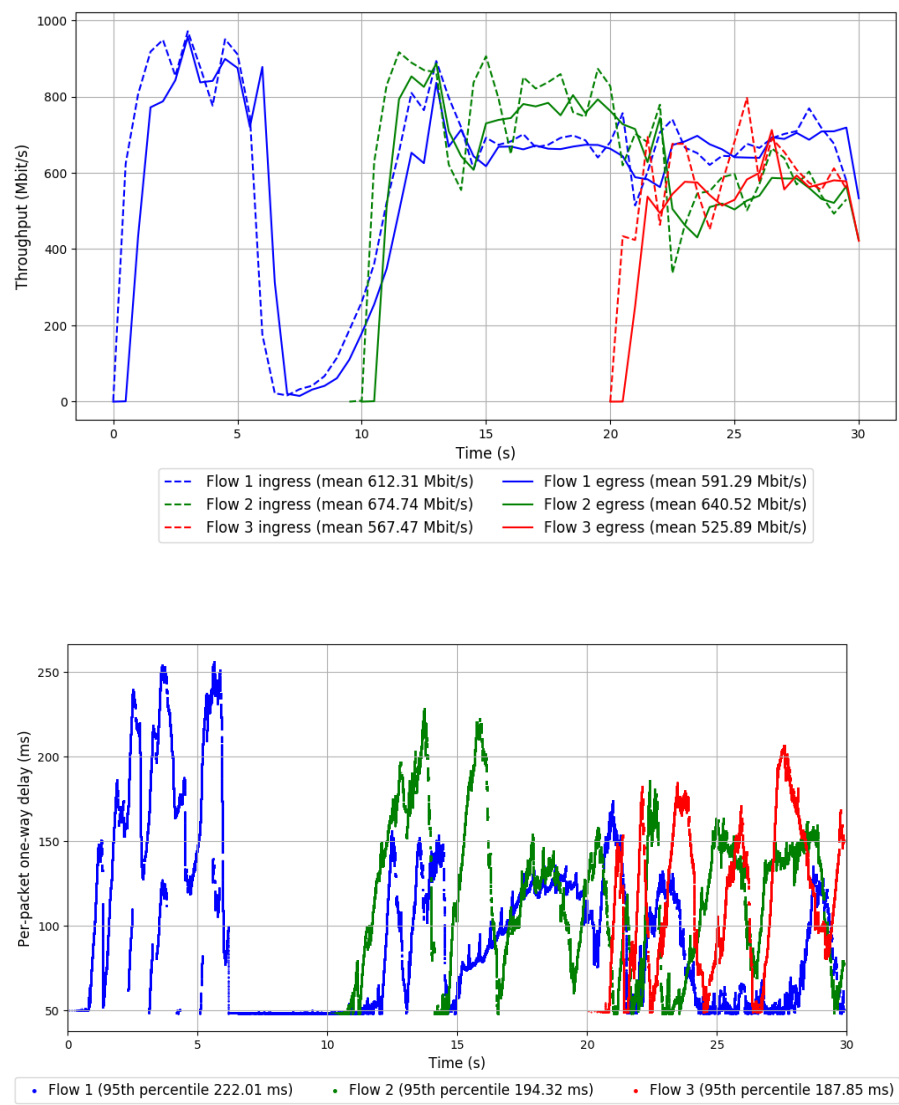


Run 8: Statistics of FillP

Start at: 2018-08-04 03:42:39
End at: 2018-08-04 03:43:09
Local clock offset: -0.29 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2018-08-04 05:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 1190.32 Mbit/s
95th percentile per-packet one-way delay: 204.060 ms
Loss rate: 5.09%
-- Flow 1:
Average throughput: 591.29 Mbit/s
95th percentile per-packet one-way delay: 222.008 ms
Loss rate: 3.76%
-- Flow 2:
Average throughput: 640.52 Mbit/s
95th percentile per-packet one-way delay: 194.319 ms
Loss rate: 5.55%
-- Flow 3:
Average throughput: 525.89 Mbit/s
95th percentile per-packet one-way delay: 187.851 ms
Loss rate: 8.28%

Run 8: Report of FillP — Data Link

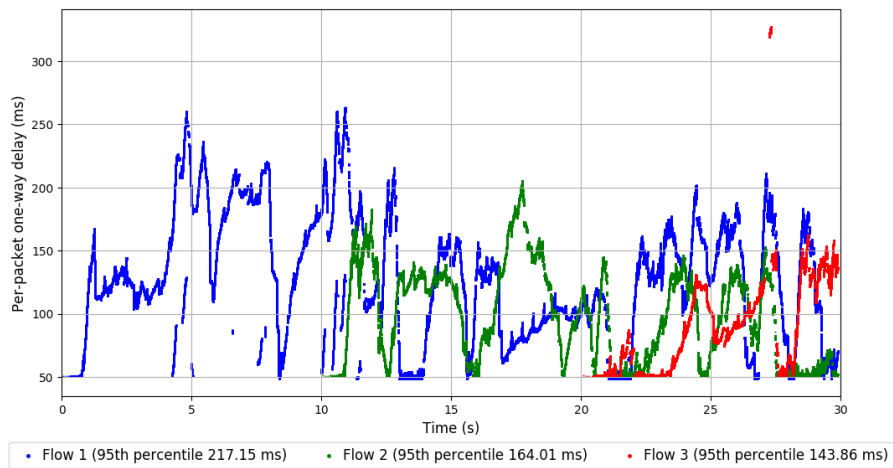
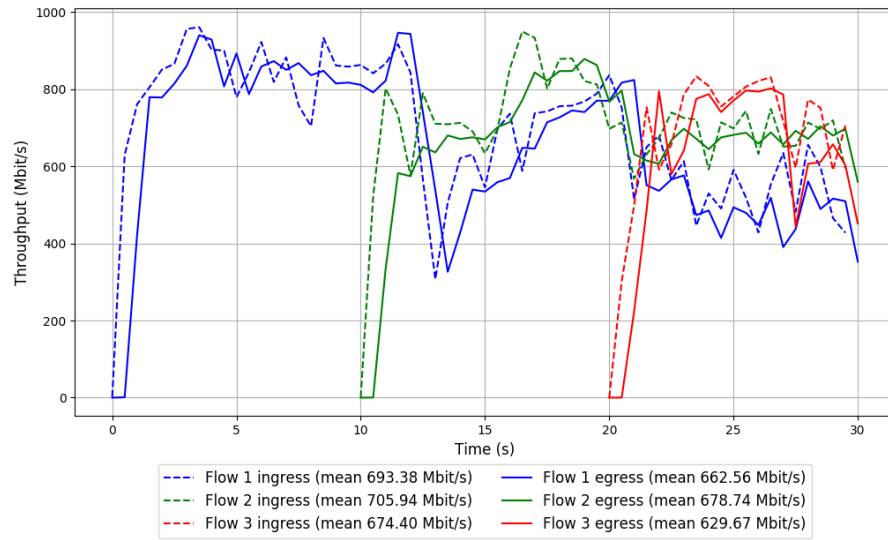


Run 9: Statistics of FillP

Start at: 2018-08-04 04:07:25
End at: 2018-08-04 04:07:55
Local clock offset: -0.008 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-08-04 06:17:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 1320.65 Mbit/s
95th percentile per-packet one-way delay: 200.907 ms
Loss rate: 5.08%
-- Flow 1:
Average throughput: 662.56 Mbit/s
95th percentile per-packet one-way delay: 217.150 ms
Loss rate: 4.77%
-- Flow 2:
Average throughput: 678.74 Mbit/s
95th percentile per-packet one-way delay: 164.009 ms
Loss rate: 4.34%
-- Flow 3:
Average throughput: 629.67 Mbit/s
95th percentile per-packet one-way delay: 143.861 ms
Loss rate: 7.57%

Run 9: Report of FillP — Data Link

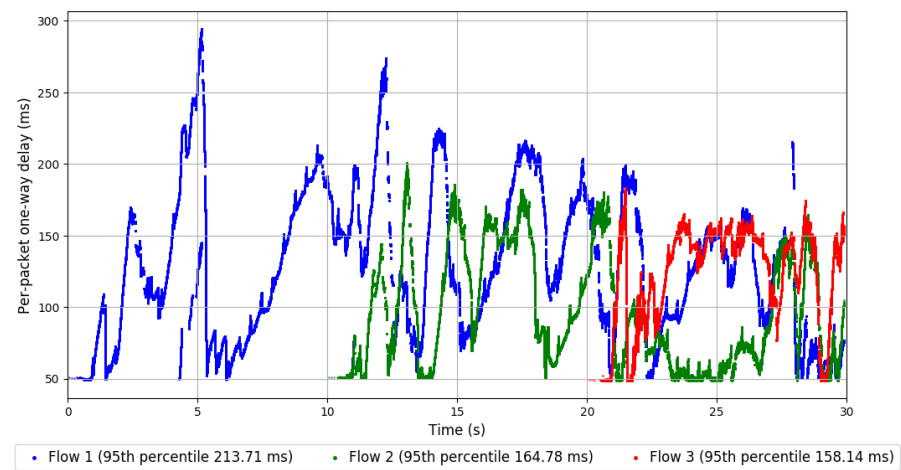
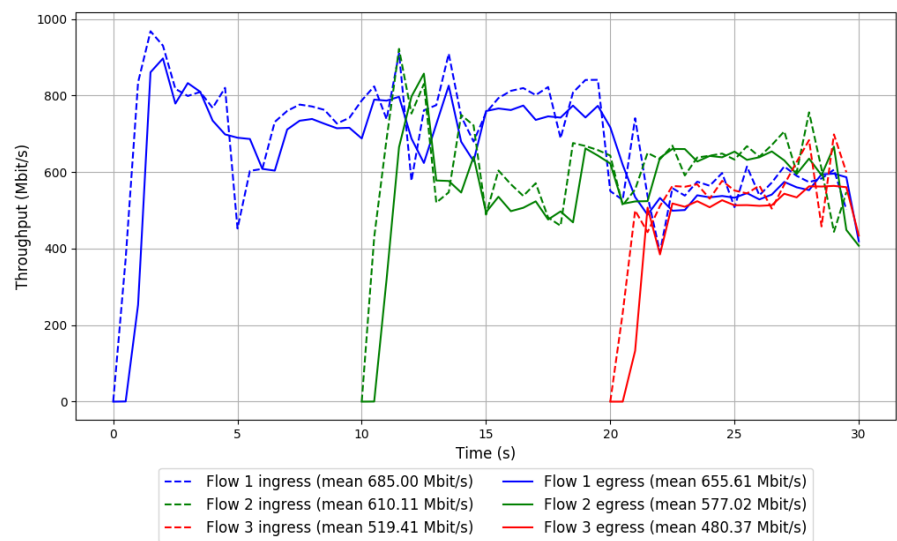


Run 10: Statistics of FillP

Start at: 2018-08-04 04:32:21
End at: 2018-08-04 04:32:51
Local clock offset: -0.014 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2018-08-04 06:20:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 1196.94 Mbit/s
95th percentile per-packet one-way delay: 203.126 ms
Loss rate: 5.54%
-- Flow 1:
Average throughput: 655.61 Mbit/s
95th percentile per-packet one-way delay: 213.711 ms
Loss rate: 4.62%
-- Flow 2:
Average throughput: 577.02 Mbit/s
95th percentile per-packet one-way delay: 164.784 ms
Loss rate: 5.90%
-- Flow 3:
Average throughput: 480.37 Mbit/s
95th percentile per-packet one-way delay: 158.140 ms
Loss rate: 8.37%

Run 10: Report of FillP — Data Link

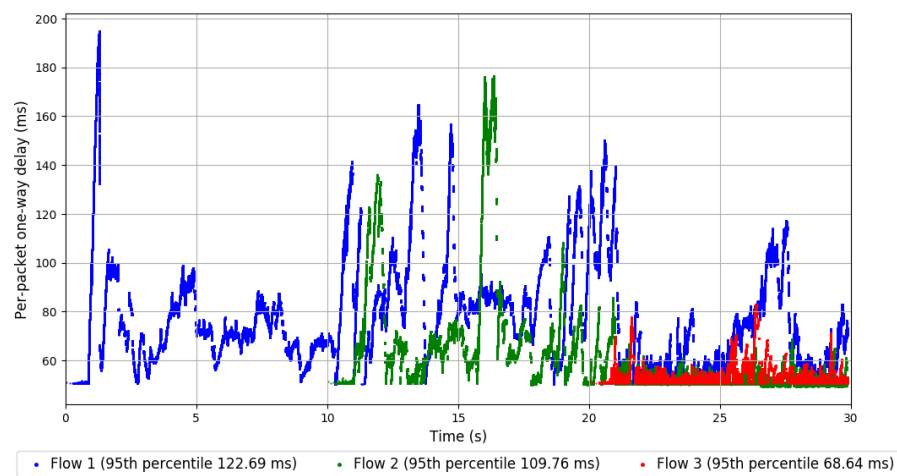
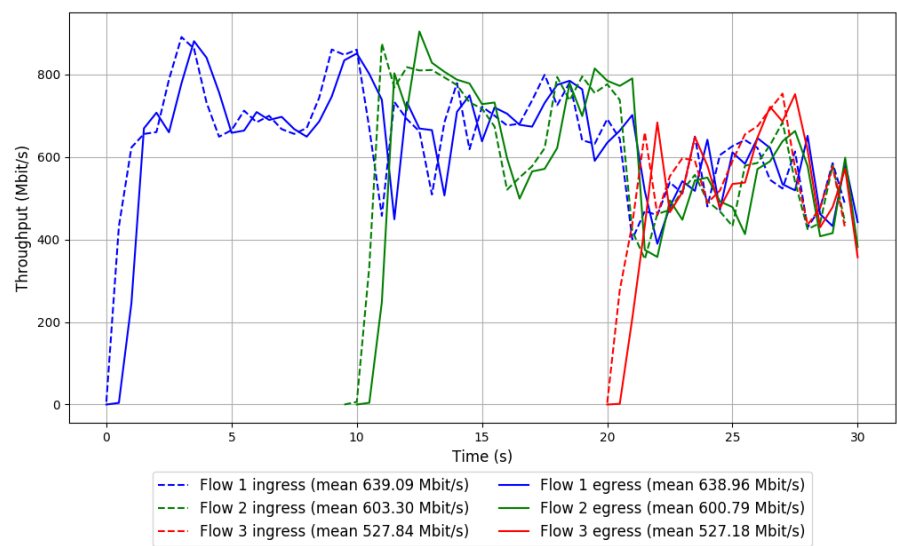


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-04 00:39:45
End at: 2018-08-04 00:40:15
Local clock offset: 0.116 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-08-04 06:20:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 1211.59 Mbit/s
95th percentile per-packet one-way delay: 115.052 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 638.96 Mbit/s
95th percentile per-packet one-way delay: 122.685 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 600.79 Mbit/s
95th percentile per-packet one-way delay: 109.761 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 527.18 Mbit/s
95th percentile per-packet one-way delay: 68.644 ms
Loss rate: 1.15%

Run 1: Report of FillP-Sheep — Data Link

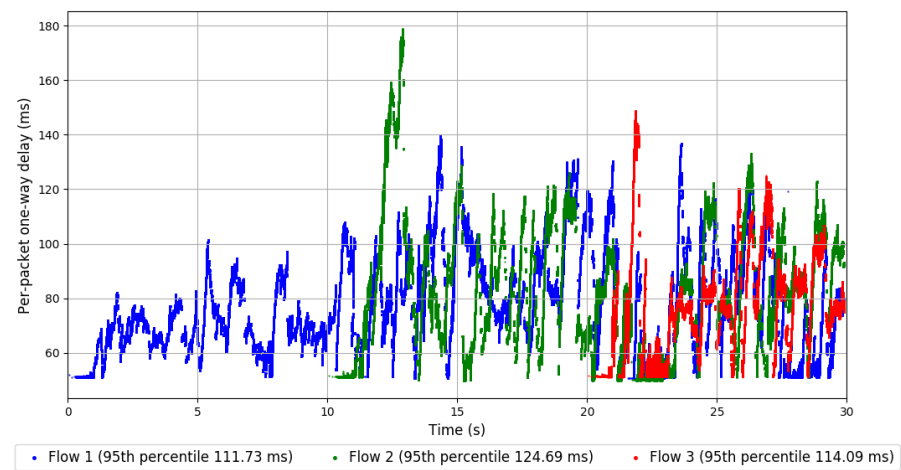
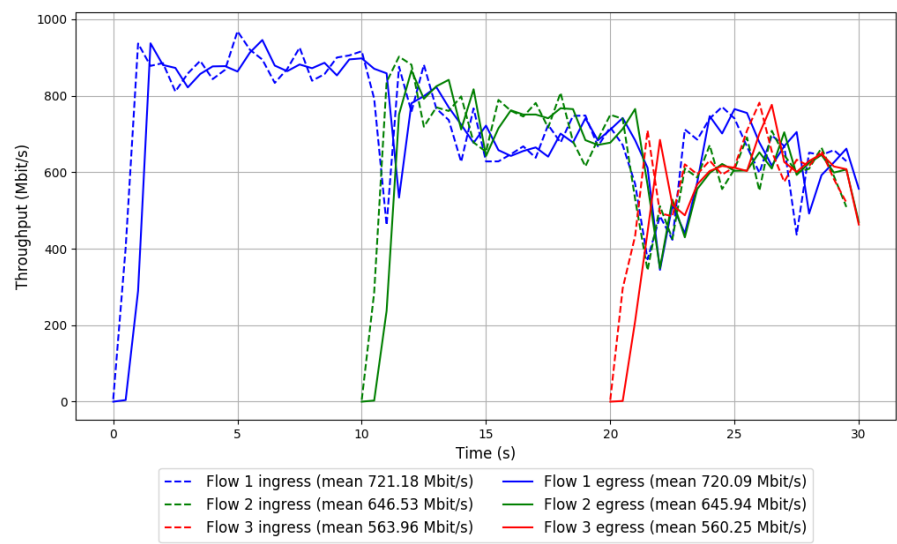


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-04 01:04:28
End at: 2018-08-04 01:04:58
Local clock offset: 0.539 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-08-04 06:25:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 1333.78 Mbit/s
95th percentile per-packet one-way delay: 116.093 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 720.09 Mbit/s
95th percentile per-packet one-way delay: 111.726 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 645.94 Mbit/s
95th percentile per-packet one-way delay: 124.691 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 560.25 Mbit/s
95th percentile per-packet one-way delay: 114.088 ms
Loss rate: 1.68%

Run 2: Report of FillP-Sheep — Data Link

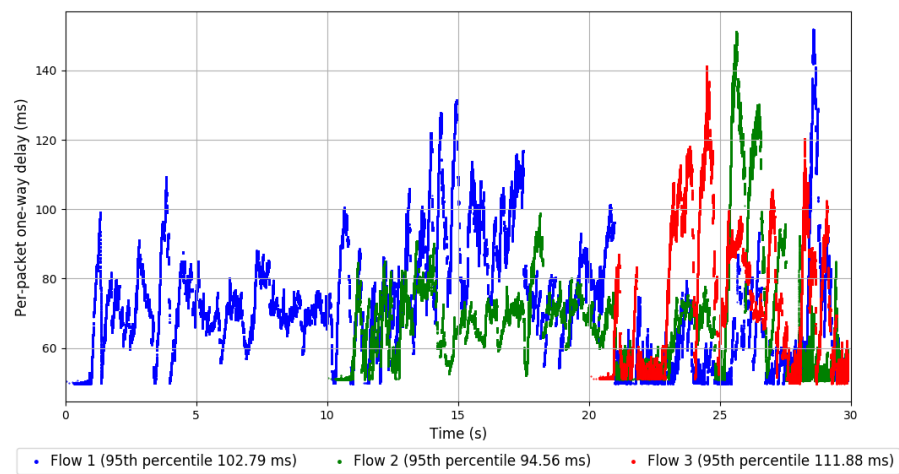
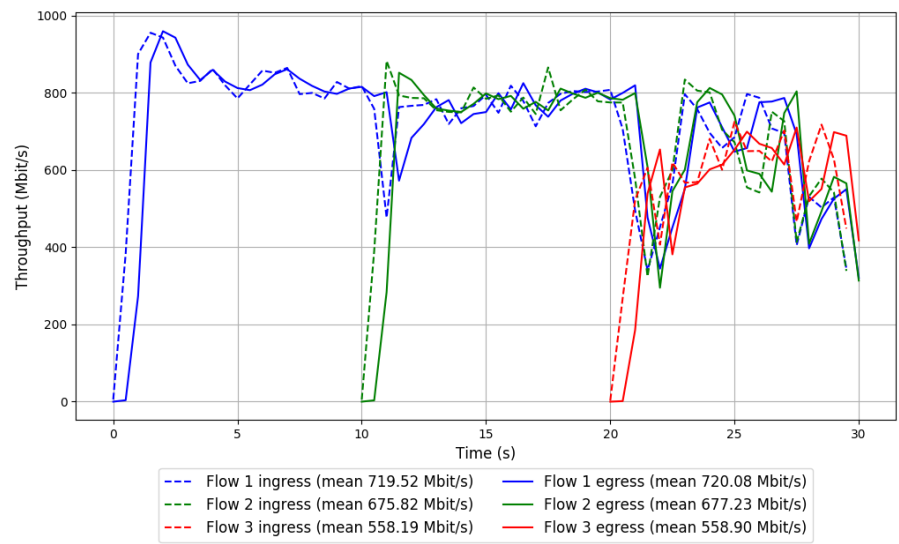


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-04 01:29:34
End at: 2018-08-04 01:30:04
Local clock offset: 0.487 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-08-04 06:25:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 1353.97 Mbit/s
95th percentile per-packet one-way delay: 104.437 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 720.08 Mbit/s
95th percentile per-packet one-way delay: 102.790 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 677.23 Mbit/s
95th percentile per-packet one-way delay: 94.559 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 558.90 Mbit/s
95th percentile per-packet one-way delay: 111.879 ms
Loss rate: 0.92%

Run 3: Report of FillP-Sheep — Data Link

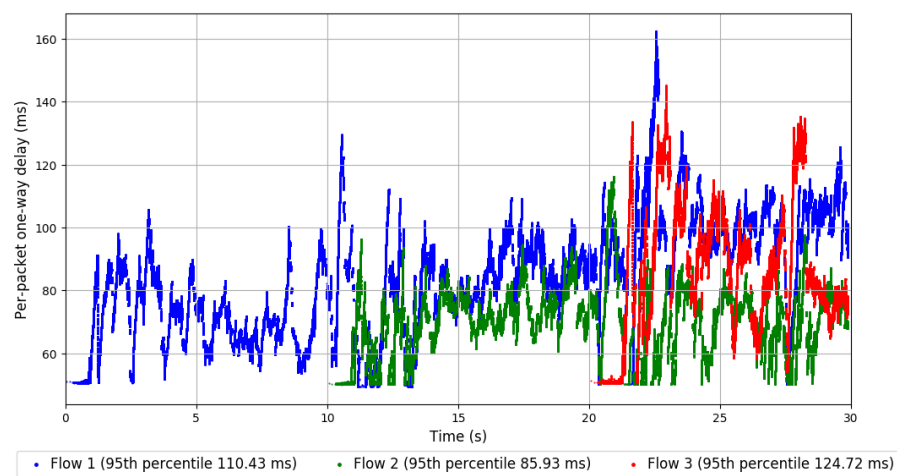
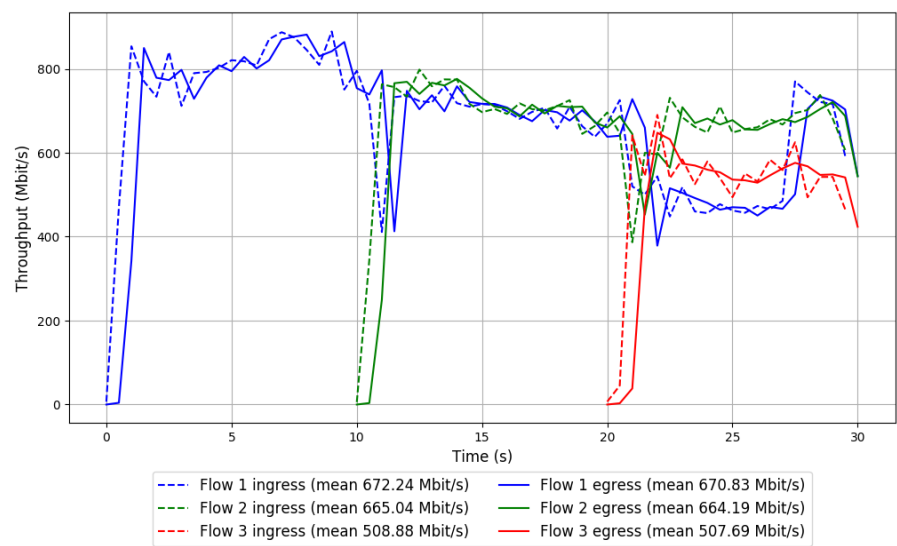


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-04 01:54:35
End at: 2018-08-04 01:55:05
Local clock offset: 0.163 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-08-04 06:25:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 1278.64 Mbit/s
95th percentile per-packet one-way delay: 109.709 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 670.83 Mbit/s
95th percentile per-packet one-way delay: 110.431 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 664.19 Mbit/s
95th percentile per-packet one-way delay: 85.932 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 507.69 Mbit/s
95th percentile per-packet one-way delay: 124.721 ms
Loss rate: 1.24%

Run 4: Report of FillP-Sheep — Data Link

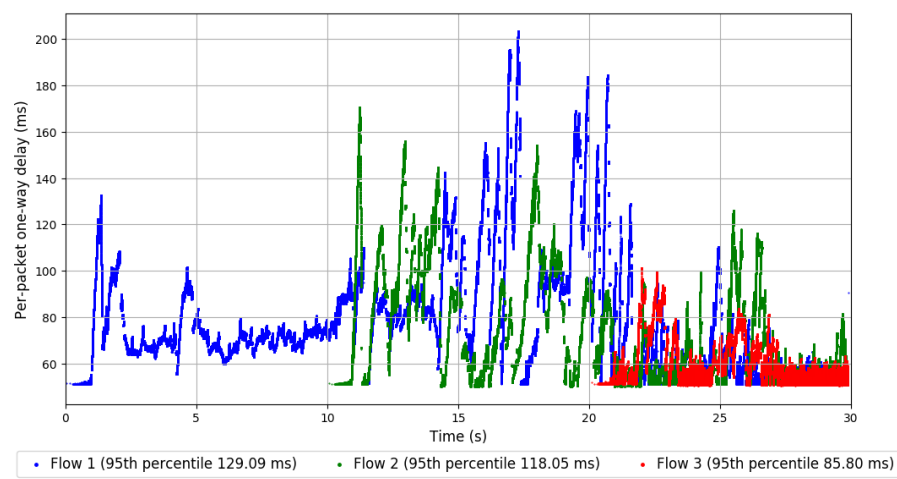
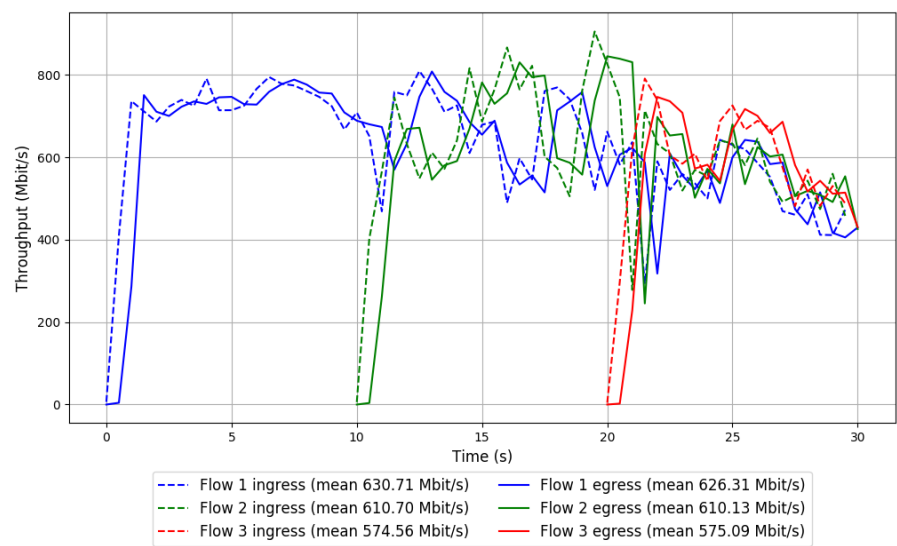


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-04 02:19:29
End at: 2018-08-04 02:19:59
Local clock offset: 0.495 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2018-08-04 06:25:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 1219.77 Mbit/s
95th percentile per-packet one-way delay: 120.114 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 626.31 Mbit/s
95th percentile per-packet one-way delay: 129.089 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 610.13 Mbit/s
95th percentile per-packet one-way delay: 118.052 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 575.09 Mbit/s
95th percentile per-packet one-way delay: 85.799 ms
Loss rate: 0.95%

Run 5: Report of FillP-Sheep — Data Link

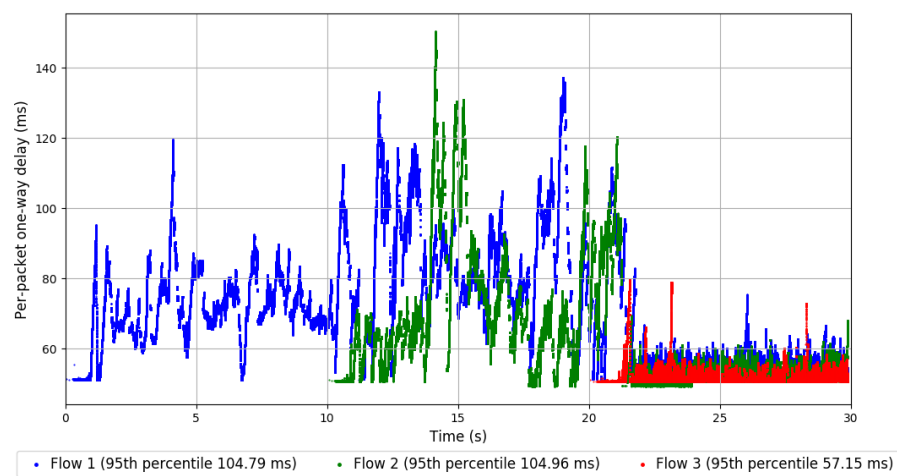
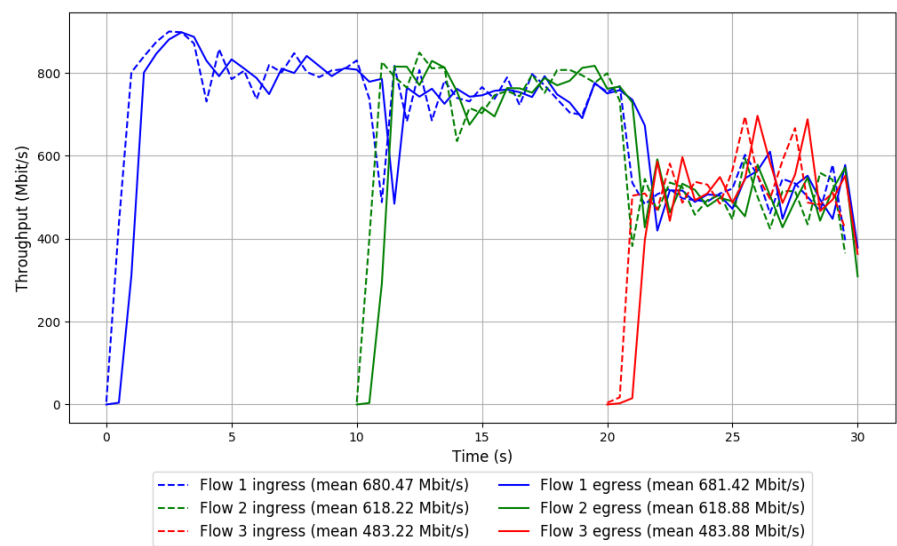


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-04 02:44:27
End at: 2018-08-04 02:44:57
Local clock offset: 0.419 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-08-04 06:25:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 1251.73 Mbit/s
95th percentile per-packet one-way delay: 103.306 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 681.42 Mbit/s
95th percentile per-packet one-way delay: 104.786 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 618.88 Mbit/s
95th percentile per-packet one-way delay: 104.959 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 483.88 Mbit/s
95th percentile per-packet one-way delay: 57.150 ms
Loss rate: 0.88%

Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-08-04 03:09:20

End at: 2018-08-04 03:09:50

Local clock offset: 0.034 ms

Remote clock offset: 0.028 ms

Below is generated by plot.py at 2018-08-04 06:48:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 1220.28 Mbit/s

95th percentile per-packet one-way delay: 125.906 ms

Loss rate: 0.99%

-- Flow 1:

Average throughput: 616.72 Mbit/s

95th percentile per-packet one-way delay: 132.655 ms

Loss rate: 0.89%

-- Flow 2:

Average throughput: 645.77 Mbit/s

95th percentile per-packet one-way delay: 109.382 ms

Loss rate: 0.77%

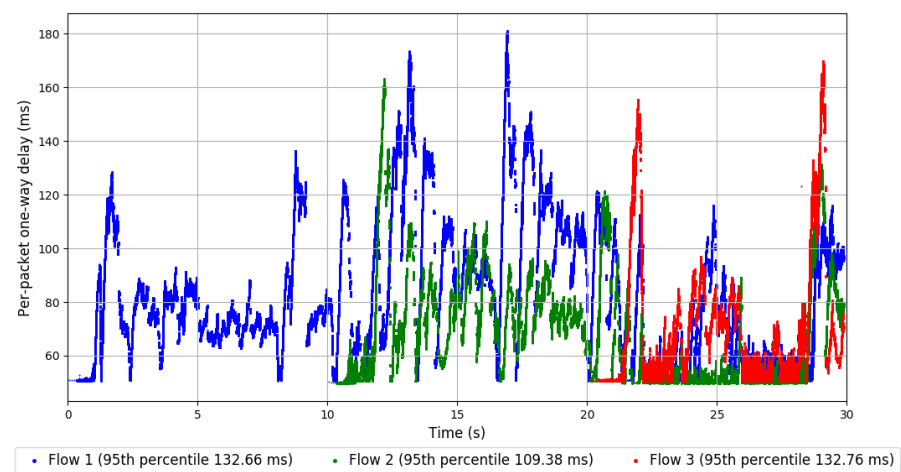
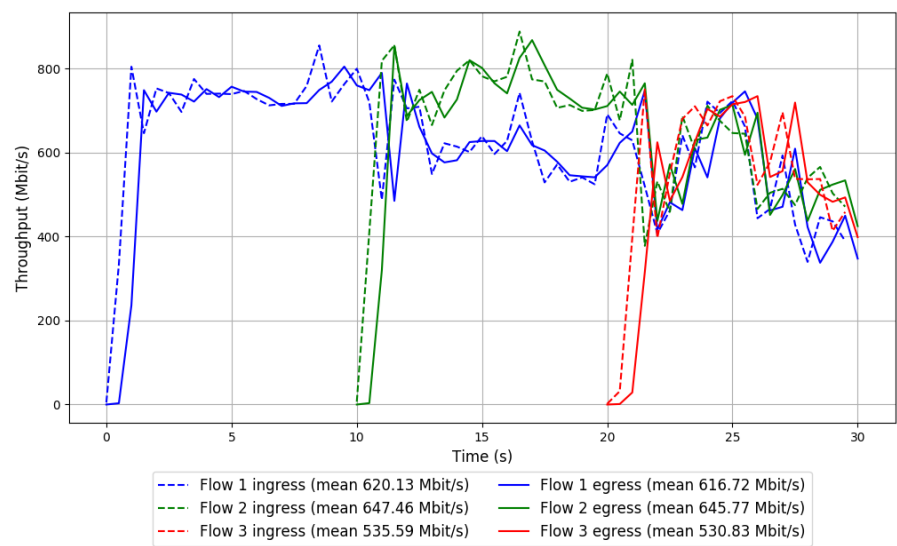
-- Flow 3:

Average throughput: 530.83 Mbit/s

95th percentile per-packet one-way delay: 132.764 ms

Loss rate: 1.91%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-08-04 03:34:03

End at: 2018-08-04 03:34:33

Local clock offset: 0.413 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2018-08-04 06:53:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 1292.45 Mbit/s

95th percentile per-packet one-way delay: 125.760 ms

Loss rate: 1.04%

-- Flow 1:

Average throughput: 662.27 Mbit/s

95th percentile per-packet one-way delay: 125.111 ms

Loss rate: 0.40%

-- Flow 2:

Average throughput: 674.34 Mbit/s

95th percentile per-packet one-way delay: 127.350 ms

Loss rate: 1.67%

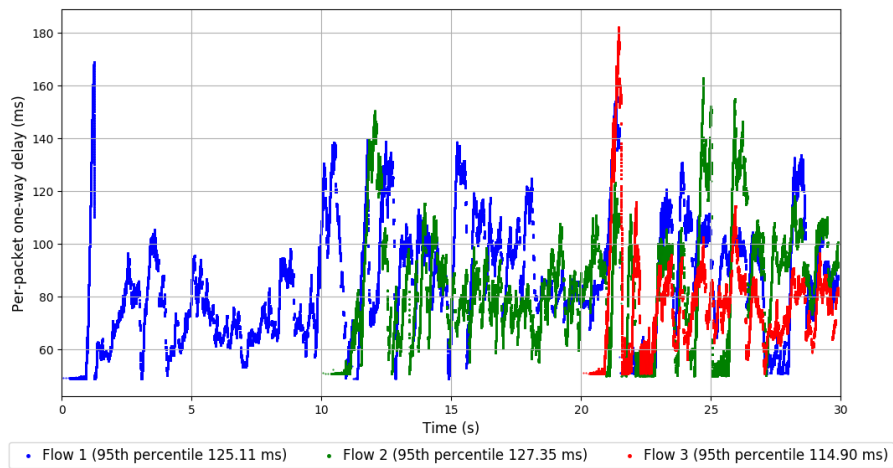
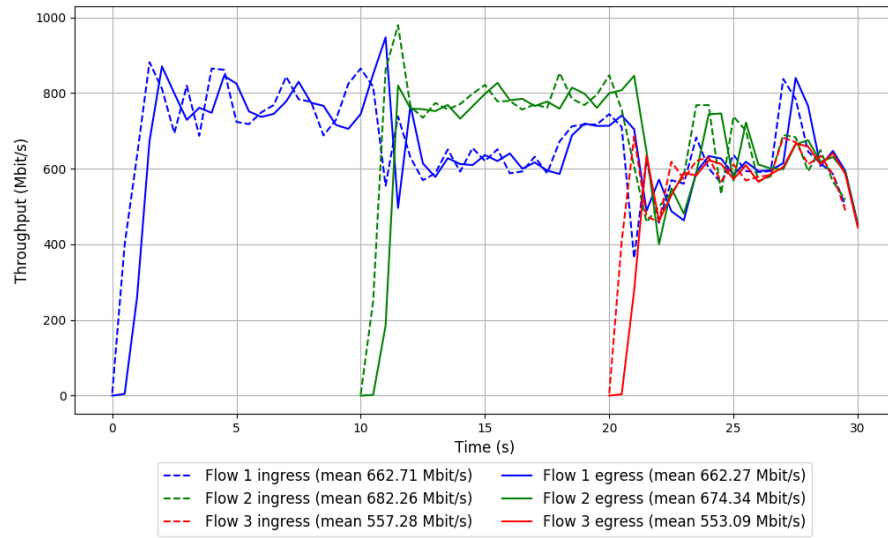
-- Flow 3:

Average throughput: 553.09 Mbit/s

95th percentile per-packet one-way delay: 114.900 ms

Loss rate: 1.77%

Run 8: Report of FillP-Sheep — Data Link

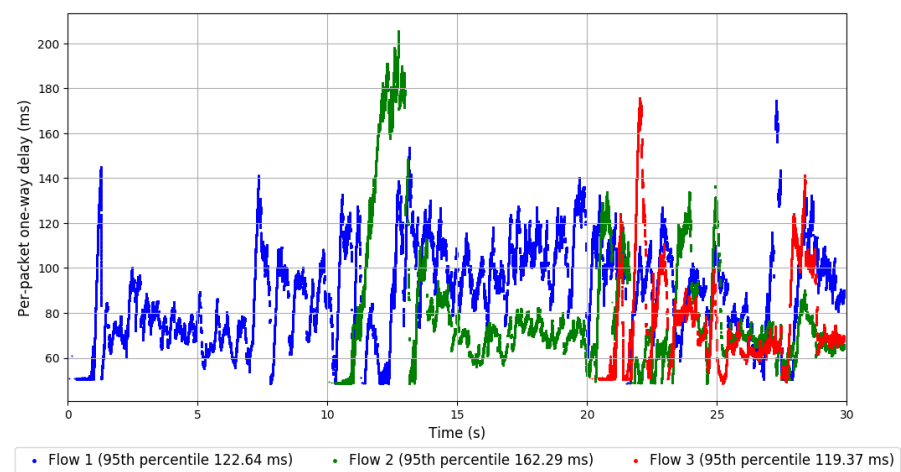
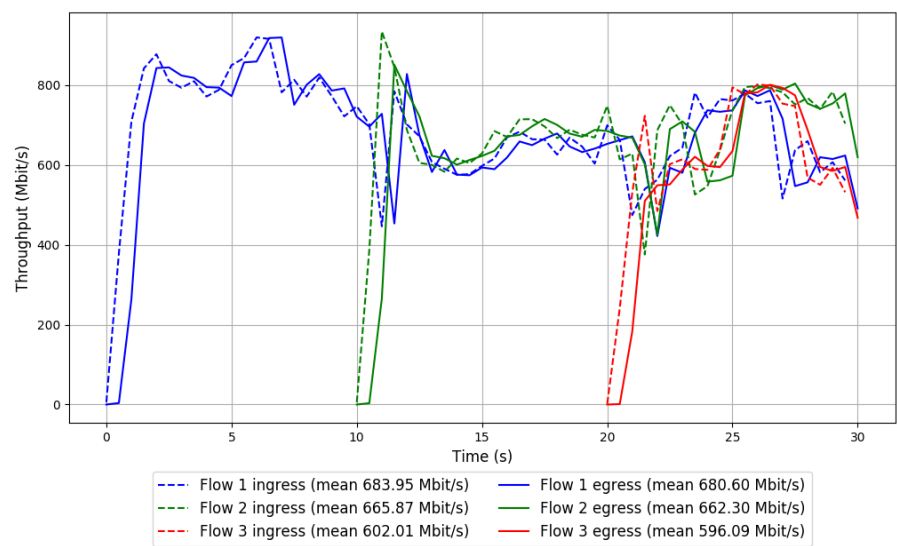


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-04 03:58:46
End at: 2018-08-04 03:59:16
Local clock offset: 0.085 ms
Remote clock offset: -0.069 ms

Below is generated by plot.py at 2018-08-04 06:54:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 1316.80 Mbit/s
95th percentile per-packet one-way delay: 126.280 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 680.60 Mbit/s
95th percentile per-packet one-way delay: 122.635 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 662.30 Mbit/s
95th percentile per-packet one-way delay: 162.290 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 596.09 Mbit/s
95th percentile per-packet one-way delay: 119.371 ms
Loss rate: 2.01%

Run 9: Report of FillP-Sheep — Data Link

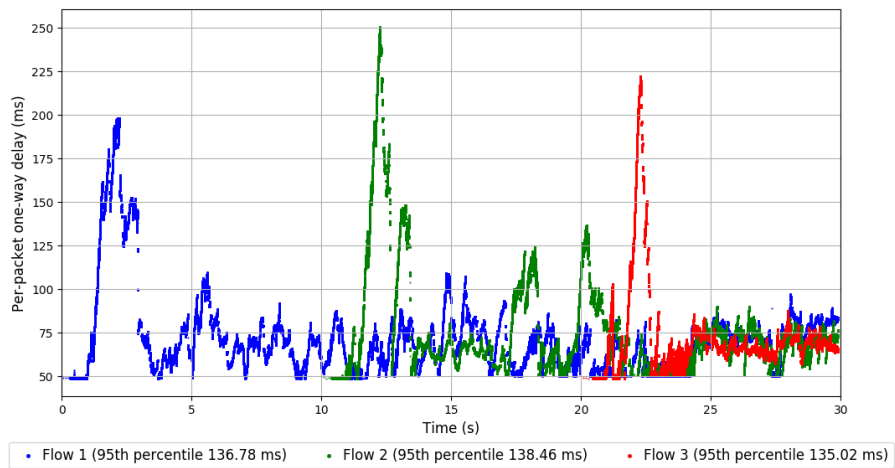
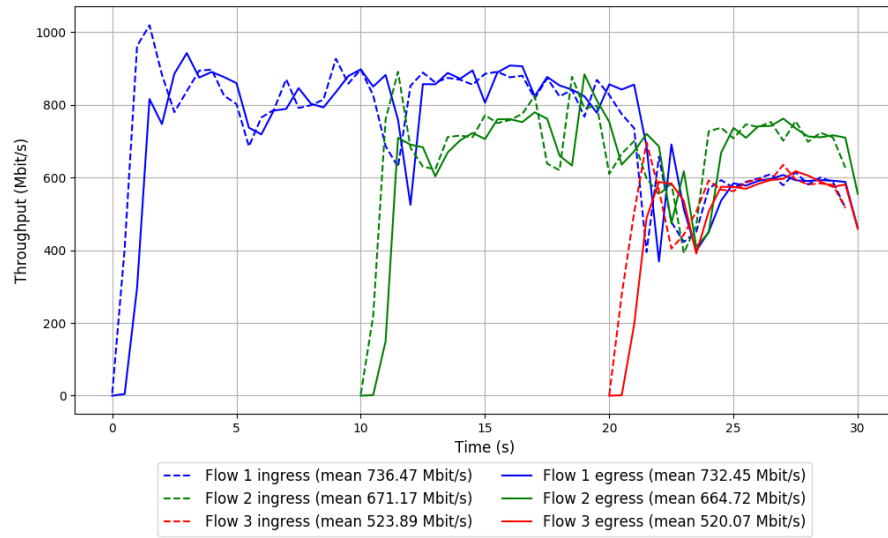


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-04 04:23:39
End at: 2018-08-04 04:24:09
Local clock offset: -0.015 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-08-04 06:58:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 1344.70 Mbit/s
95th percentile per-packet one-way delay: 137.194 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 732.45 Mbit/s
95th percentile per-packet one-way delay: 136.785 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 664.72 Mbit/s
95th percentile per-packet one-way delay: 138.460 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 520.07 Mbit/s
95th percentile per-packet one-way delay: 135.020 ms
Loss rate: 1.73%

Run 10: Report of FillP-Sheep — Data Link

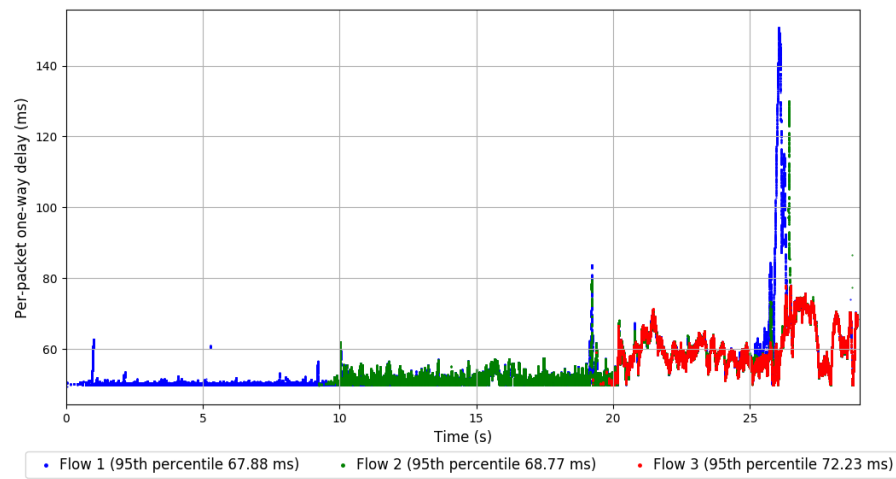
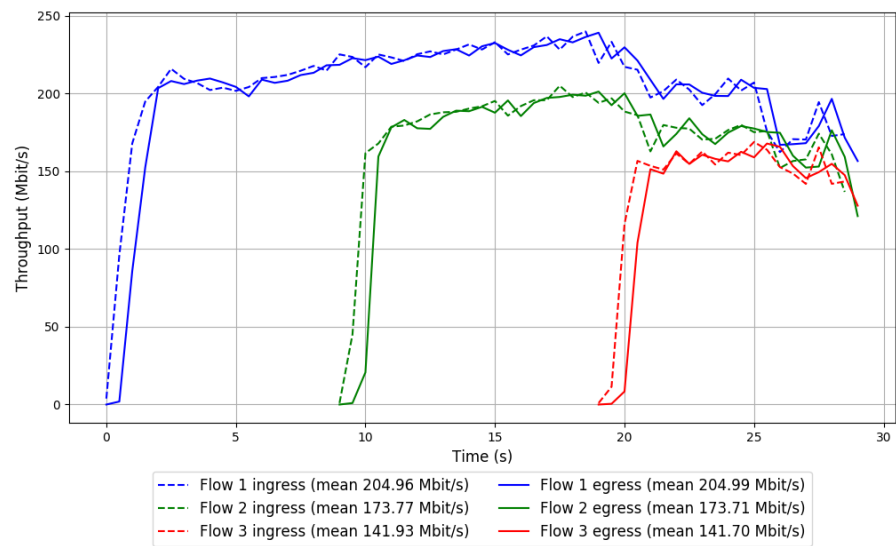


Run 1: Statistics of Indigo

Start at: 2018-08-04 00:43:59
End at: 2018-08-04 00:44:29
Local clock offset: -0.247 ms
Remote clock offset: -0.146 ms

Below is generated by plot.py at 2018-08-04 06:58:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 370.90 Mbit/s
95th percentile per-packet one-way delay: 69.157 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 204.99 Mbit/s
95th percentile per-packet one-way delay: 67.875 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 173.71 Mbit/s
95th percentile per-packet one-way delay: 68.769 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 141.70 Mbit/s
95th percentile per-packet one-way delay: 72.232 ms
Loss rate: 1.19%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-08-04 01:08:46

End at: 2018-08-04 01:09:16

Local clock offset: -0.243 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-08-04 06:58:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 377.39 Mbit/s

95th percentile per-packet one-way delay: 67.290 ms

Loss rate: 0.48%

-- Flow 1:

Average throughput: 210.17 Mbit/s

95th percentile per-packet one-way delay: 64.896 ms

Loss rate: 0.31%

-- Flow 2:

Average throughput: 182.85 Mbit/s

95th percentile per-packet one-way delay: 67.506 ms

Loss rate: 0.50%

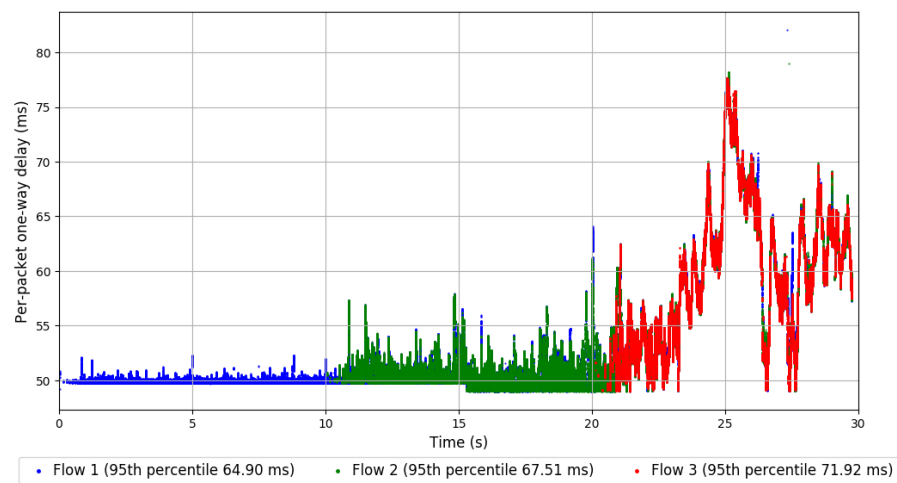
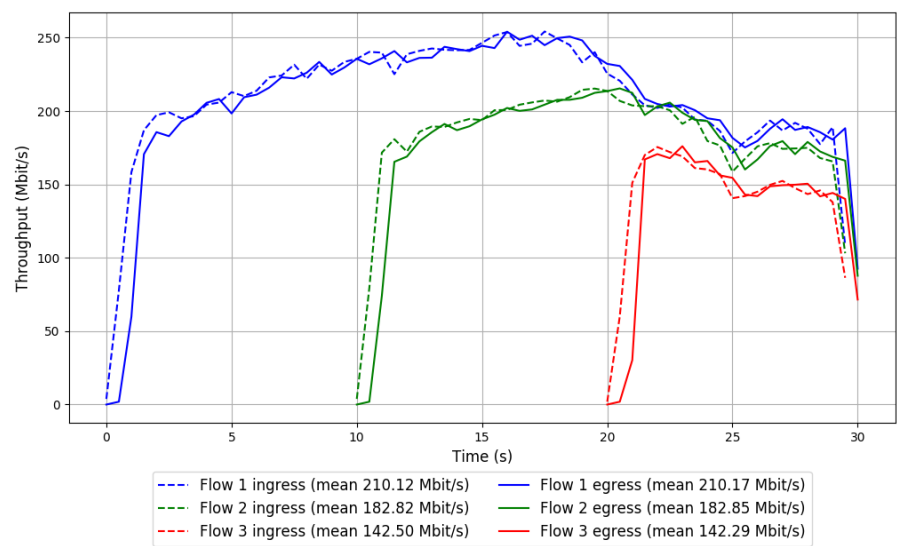
-- Flow 3:

Average throughput: 142.29 Mbit/s

95th percentile per-packet one-way delay: 71.919 ms

Loss rate: 1.16%

Run 2: Report of Indigo — Data Link

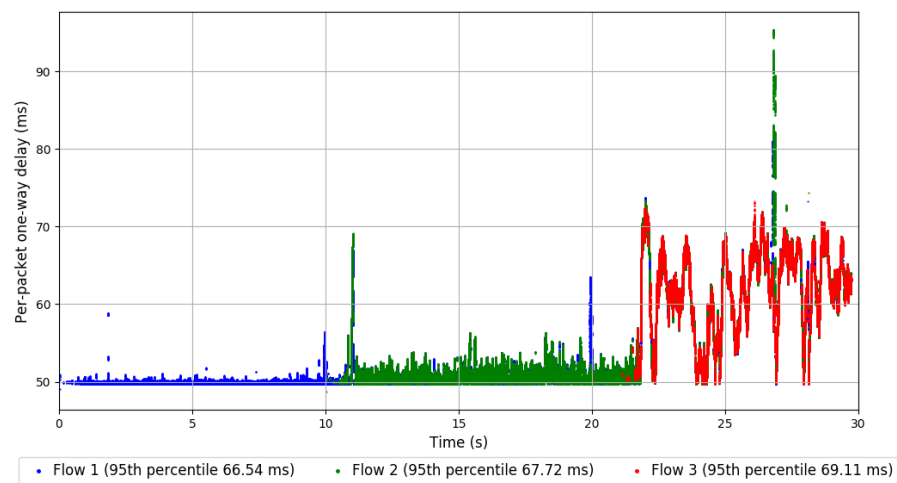
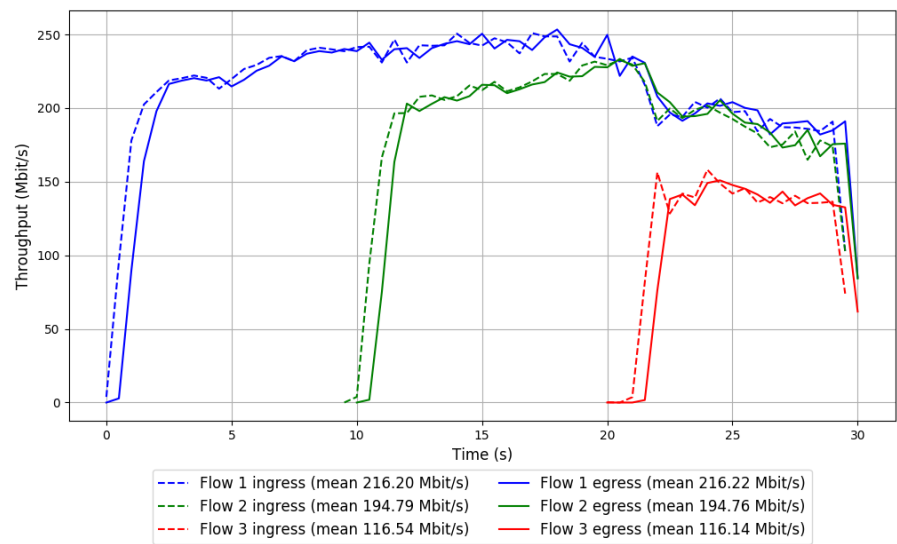


Run 3: Statistics of Indigo

Start at: 2018-08-04 01:33:53
End at: 2018-08-04 01:34:23
Local clock offset: -0.222 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-08-04 06:58:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 383.21 Mbit/s
95th percentile per-packet one-way delay: 67.507 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 216.22 Mbit/s
95th percentile per-packet one-way delay: 66.543 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 194.76 Mbit/s
95th percentile per-packet one-way delay: 67.722 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 116.14 Mbit/s
95th percentile per-packet one-way delay: 69.106 ms
Loss rate: 1.35%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-08-04 01:58:51

End at: 2018-08-04 01:59:21

Local clock offset: -0.221 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2018-08-04 06:58:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 356.11 Mbit/s

95th percentile per-packet one-way delay: 59.970 ms

Loss rate: 0.42%

-- Flow 1:

Average throughput: 183.72 Mbit/s

95th percentile per-packet one-way delay: 59.274 ms

Loss rate: 0.36%

-- Flow 2:

Average throughput: 186.30 Mbit/s

95th percentile per-packet one-way delay: 60.020 ms

Loss rate: 0.28%

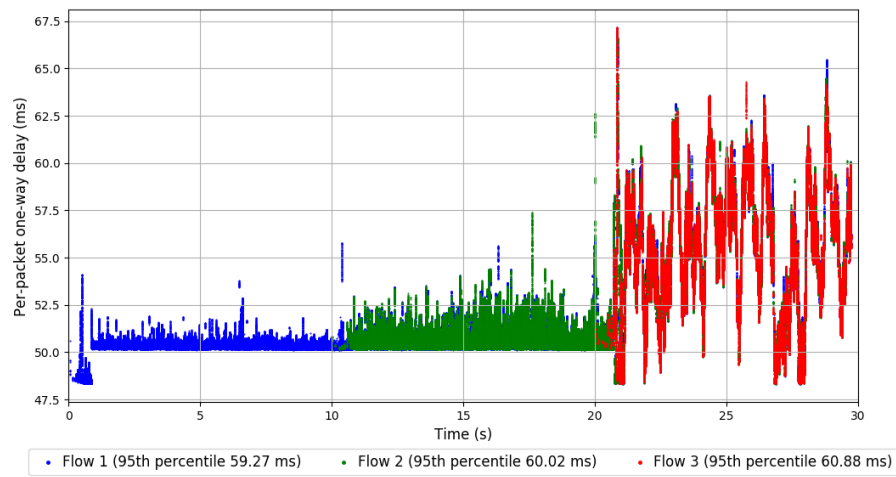
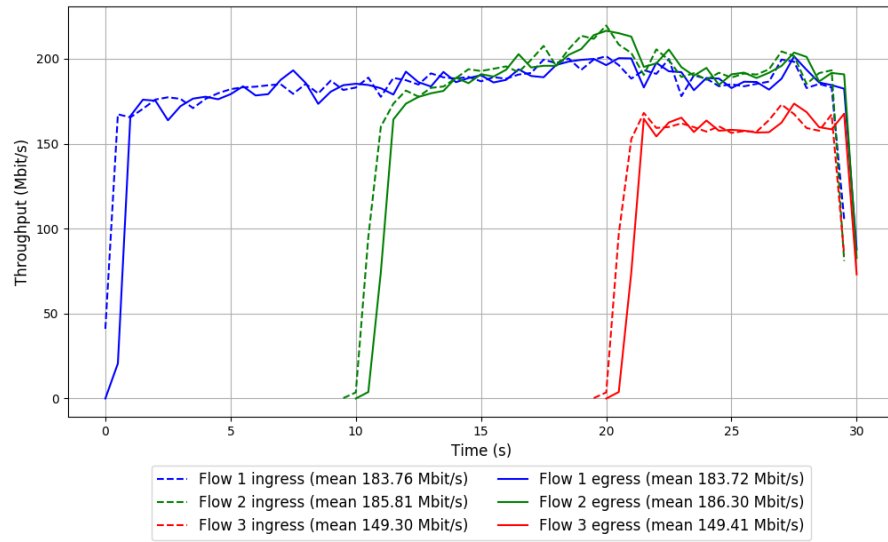
-- Flow 3:

Average throughput: 149.41 Mbit/s

95th percentile per-packet one-way delay: 60.875 ms

Loss rate: 0.96%

Run 4: Report of Indigo — Data Link

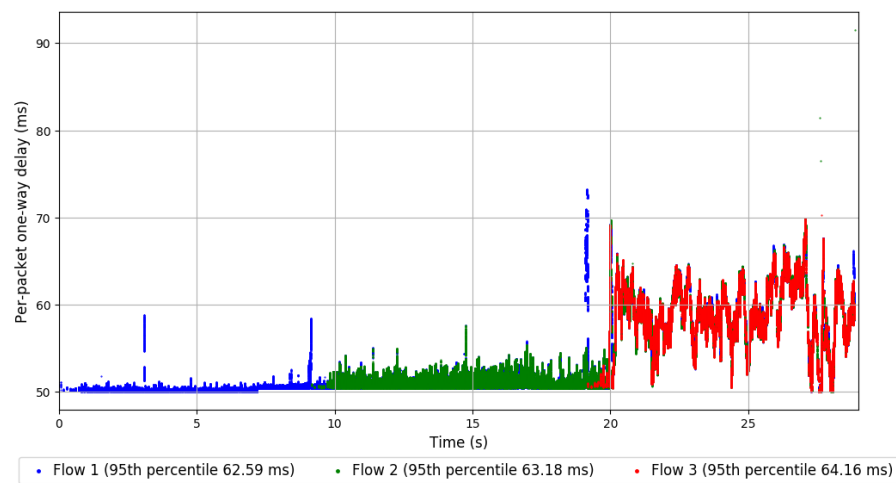
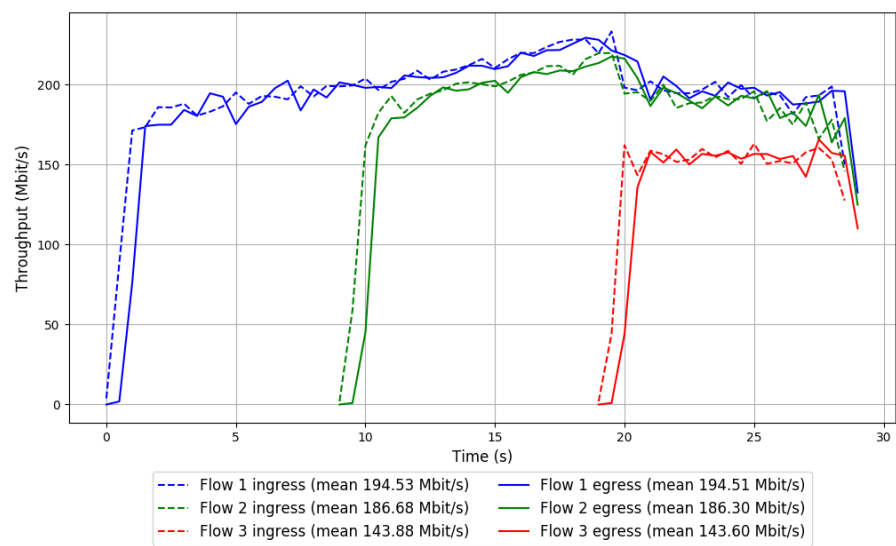


Run 5: Statistics of Indigo

Start at: 2018-08-04 02:23:43
End at: 2018-08-04 02:24:13
Local clock offset: 0.1 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-08-04 06:58:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 369.84 Mbit/s
95th percentile per-packet one-way delay: 63.186 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 194.51 Mbit/s
95th percentile per-packet one-way delay: 62.595 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 186.30 Mbit/s
95th percentile per-packet one-way delay: 63.184 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 143.60 Mbit/s
95th percentile per-packet one-way delay: 64.164 ms
Loss rate: 1.21%

Run 5: Report of Indigo — Data Link

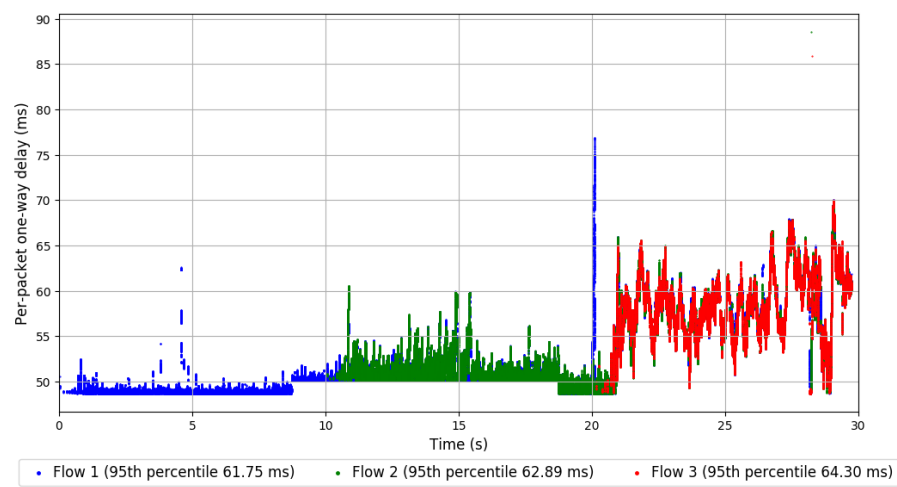
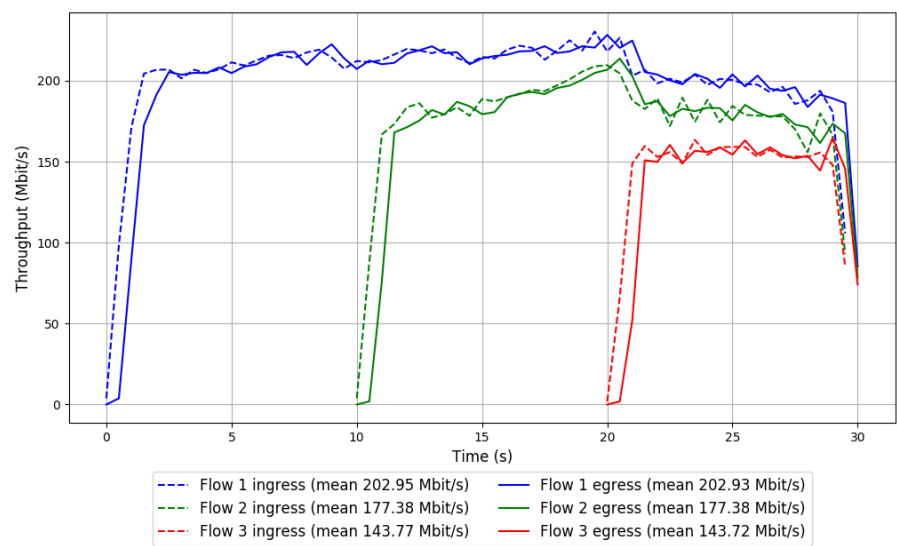


Run 6: Statistics of Indigo

Start at: 2018-08-04 02:48:43
End at: 2018-08-04 02:49:13
Local clock offset: 0.048 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2018-08-04 06:58:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 366.83 Mbit/s
95th percentile per-packet one-way delay: 62.773 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 202.93 Mbit/s
95th percentile per-packet one-way delay: 61.752 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 177.38 Mbit/s
95th percentile per-packet one-way delay: 62.892 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 143.72 Mbit/s
95th percentile per-packet one-way delay: 64.296 ms
Loss rate: 1.14%

Run 6: Report of Indigo — Data Link

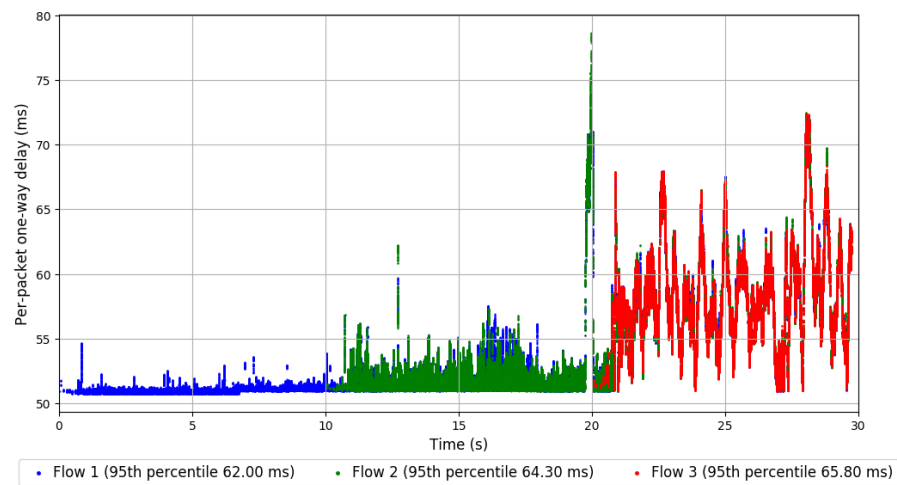
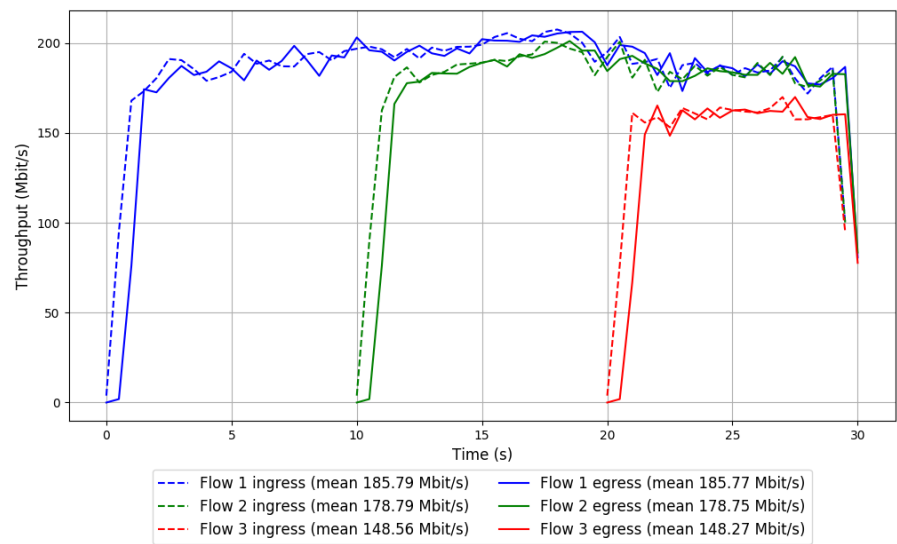


Run 7: Statistics of Indigo

Start at: 2018-08-04 03:13:34
End at: 2018-08-04 03:14:05
Local clock offset: 0.406 ms
Remote clock offset: -0.009 ms

Below is generated by plot.py at 2018-08-04 06:58:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 352.57 Mbit/s
95th percentile per-packet one-way delay: 63.591 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 185.77 Mbit/s
95th percentile per-packet one-way delay: 62.004 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 178.75 Mbit/s
95th percentile per-packet one-way delay: 64.295 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 148.27 Mbit/s
95th percentile per-packet one-way delay: 65.799 ms
Loss rate: 1.21%

Run 7: Report of Indigo — Data Link

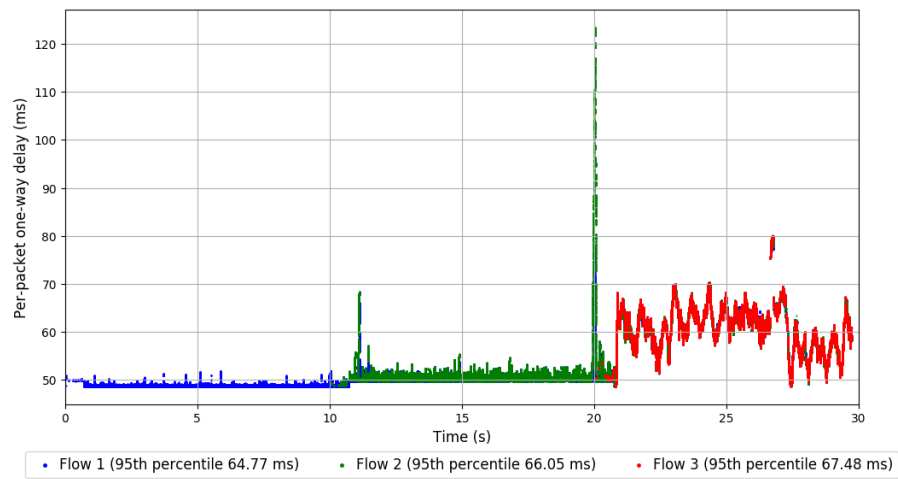
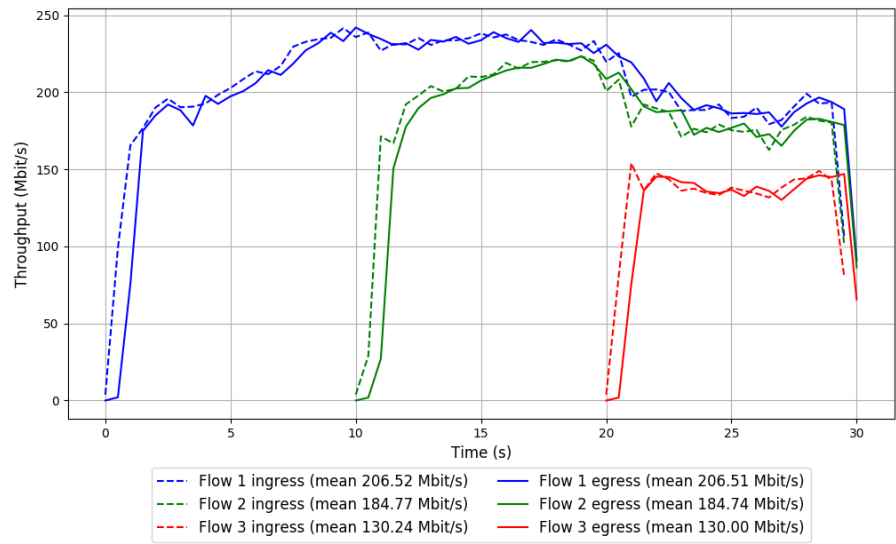


Run 8: Statistics of Indigo

Start at: 2018-08-04 03:38:21
End at: 2018-08-04 03:38:51
Local clock offset: 0.076 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2018-08-04 06:58:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 371.27 Mbit/s
95th percentile per-packet one-way delay: 65.680 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 206.51 Mbit/s
95th percentile per-packet one-way delay: 64.772 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 184.74 Mbit/s
95th percentile per-packet one-way delay: 66.047 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 130.00 Mbit/s
95th percentile per-packet one-way delay: 67.482 ms
Loss rate: 1.20%

Run 8: Report of Indigo — Data Link

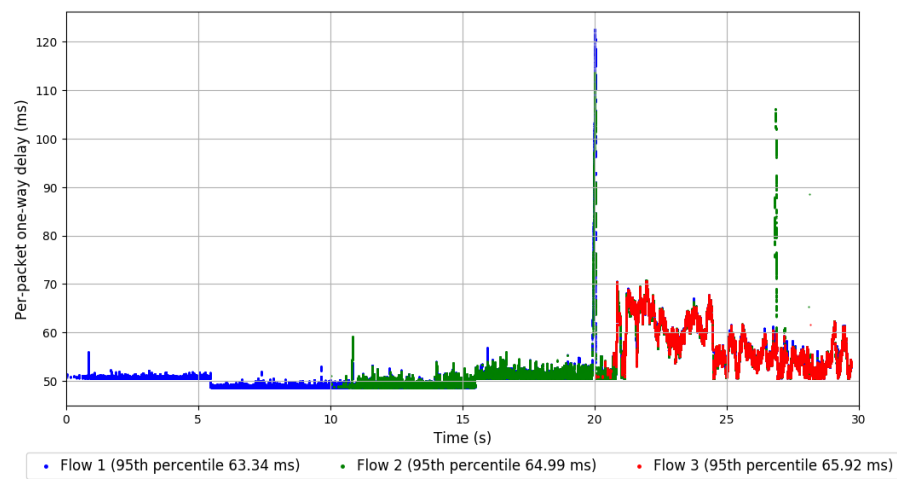
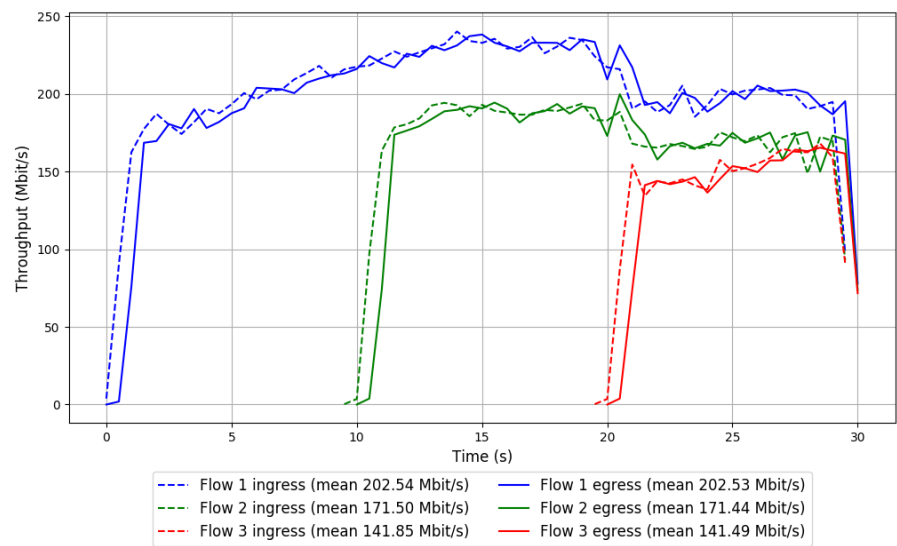


Run 9: Statistics of Indigo

Start at: 2018-08-04 04:03:06
End at: 2018-08-04 04:03:36
Local clock offset: -0.007 ms
Remote clock offset: -0.096 ms

Below is generated by plot.py at 2018-08-04 06:58:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 362.37 Mbit/s
95th percentile per-packet one-way delay: 64.561 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 202.53 Mbit/s
95th percentile per-packet one-way delay: 63.337 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 171.44 Mbit/s
95th percentile per-packet one-way delay: 64.993 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 141.49 Mbit/s
95th percentile per-packet one-way delay: 65.917 ms
Loss rate: 1.31%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-08-04 04:27:58

End at: 2018-08-04 04:28:28

Local clock offset: 0.021 ms

Remote clock offset: -0.1 ms

Below is generated by plot.py at 2018-08-04 06:58:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 364.15 Mbit/s

95th percentile per-packet one-way delay: 62.911 ms

Loss rate: 0.53%

-- Flow 1:

Average throughput: 200.43 Mbit/s

95th percentile per-packet one-way delay: 61.529 ms

Loss rate: 0.35%

-- Flow 2:

Average throughput: 178.96 Mbit/s

95th percentile per-packet one-way delay: 63.558 ms

Loss rate: 0.56%

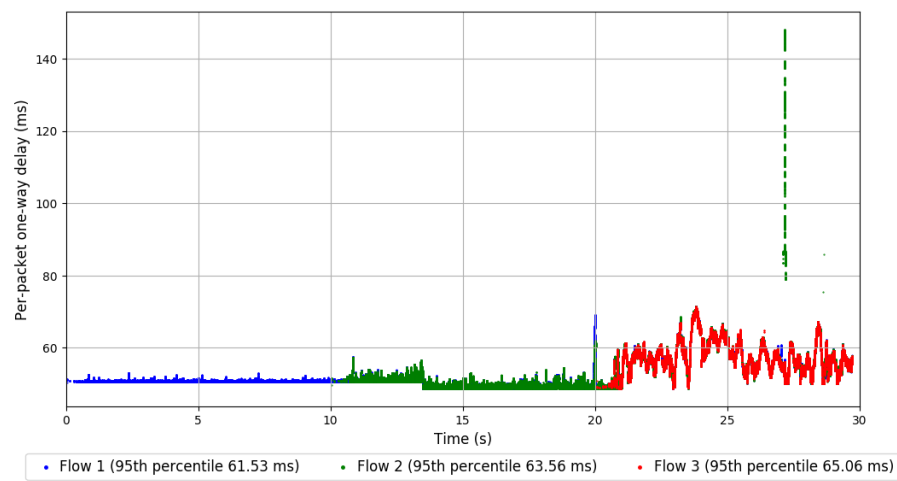
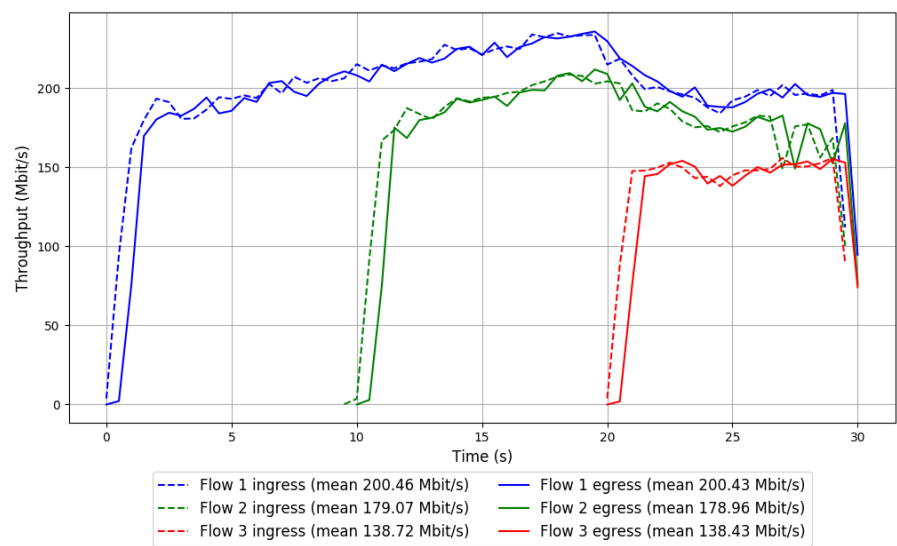
-- Flow 3:

Average throughput: 138.43 Mbit/s

95th percentile per-packet one-way delay: 65.060 ms

Loss rate: 1.22%

Run 10: Report of Indigo — Data Link

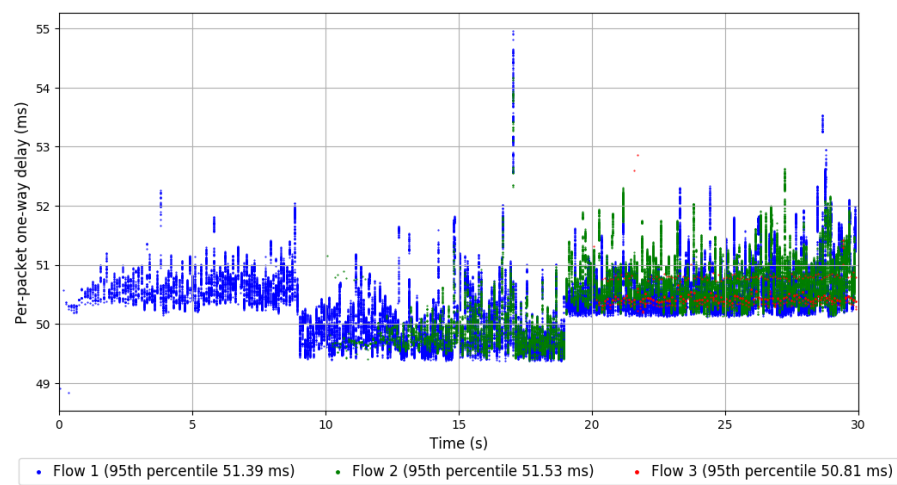
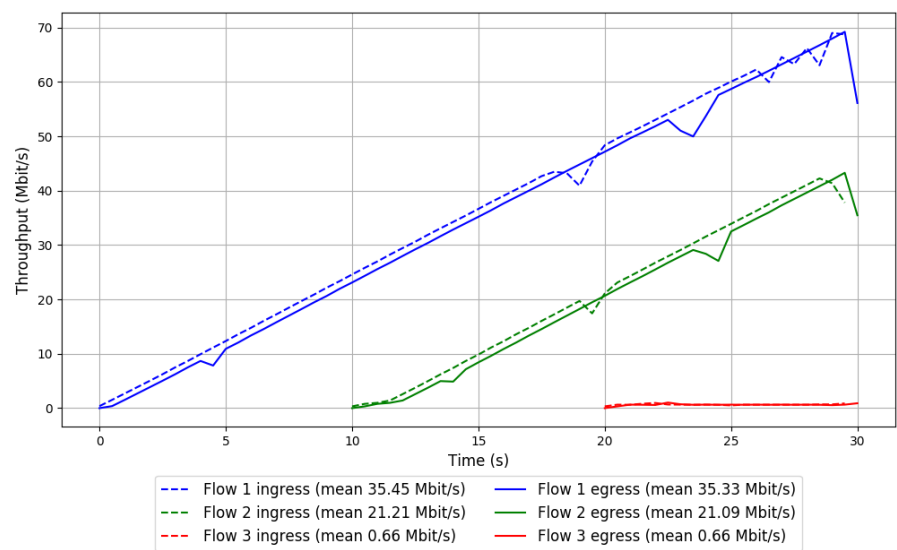


Run 1: Statistics of LEDBAT

Start at: 2018-08-04 00:47:12
End at: 2018-08-04 00:47:42
Local clock offset: 0.148 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2018-08-04 06:58:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.46 Mbit/s
95th percentile per-packet one-way delay: 51.455 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 35.33 Mbit/s
95th percentile per-packet one-way delay: 51.394 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 21.09 Mbit/s
95th percentile per-packet one-way delay: 51.529 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 50.814 ms
Loss rate: 1.22%

Run 1: Report of LEDBAT — Data Link

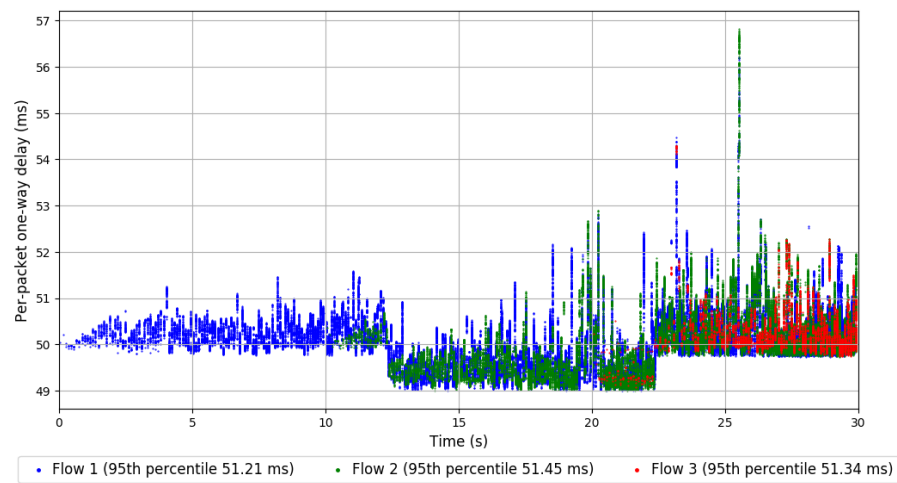
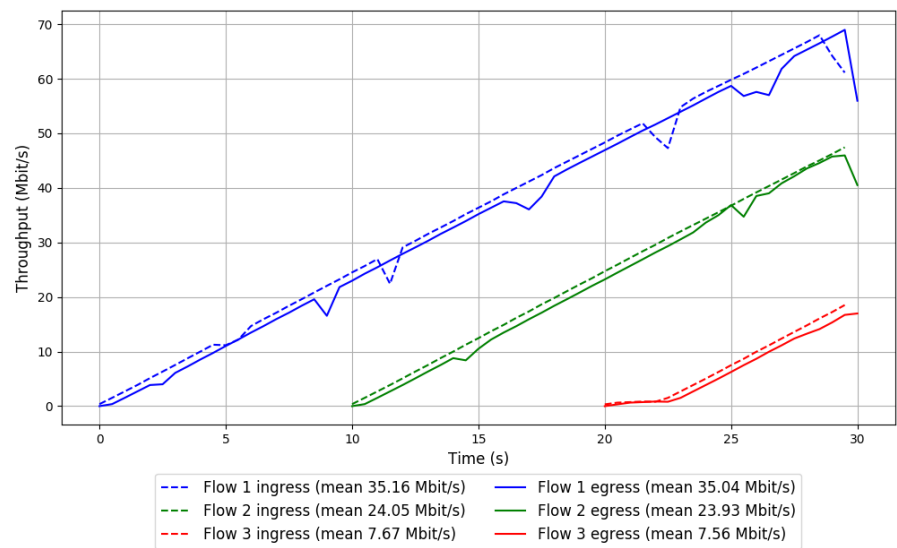


Run 2: Statistics of LEDBAT

Start at: 2018-08-04 01:11:59
End at: 2018-08-04 01:12:29
Local clock offset: -0.165 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2018-08-04 06:58:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.39 Mbit/s
95th percentile per-packet one-way delay: 51.328 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 35.04 Mbit/s
95th percentile per-packet one-way delay: 51.208 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: 51.449 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 7.56 Mbit/s
95th percentile per-packet one-way delay: 51.337 ms
Loss rate: 2.49%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-08-04 01:37:05

End at: 2018-08-04 01:37:35

Local clock offset: 0.161 ms

Remote clock offset: 0.044 ms

Below is generated by plot.py at 2018-08-04 06:58:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 46.20 Mbit/s

95th percentile per-packet one-way delay: 51.262 ms

Loss rate: 0.95%

-- Flow 1:

Average throughput: 27.13 Mbit/s

95th percentile per-packet one-way delay: 51.325 ms

Loss rate: 0.76%

-- Flow 2:

Average throughput: 23.03 Mbit/s

95th percentile per-packet one-way delay: 51.208 ms

Loss rate: 1.01%

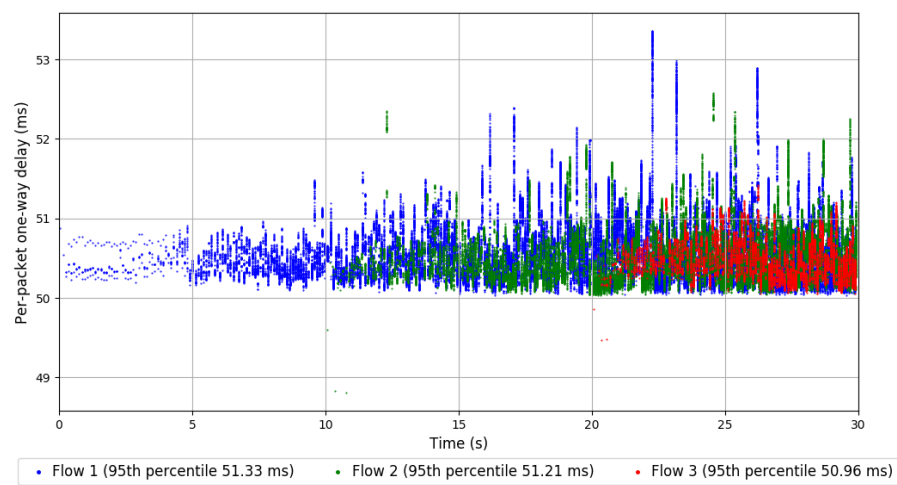
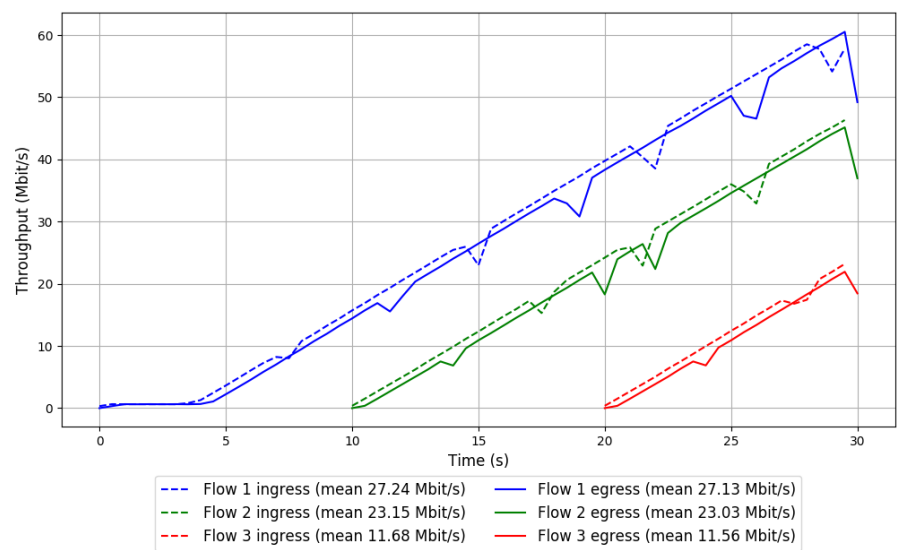
-- Flow 3:

Average throughput: 11.56 Mbit/s

95th percentile per-packet one-way delay: 50.959 ms

Loss rate: 2.05%

Run 3: Report of LEDBAT — Data Link

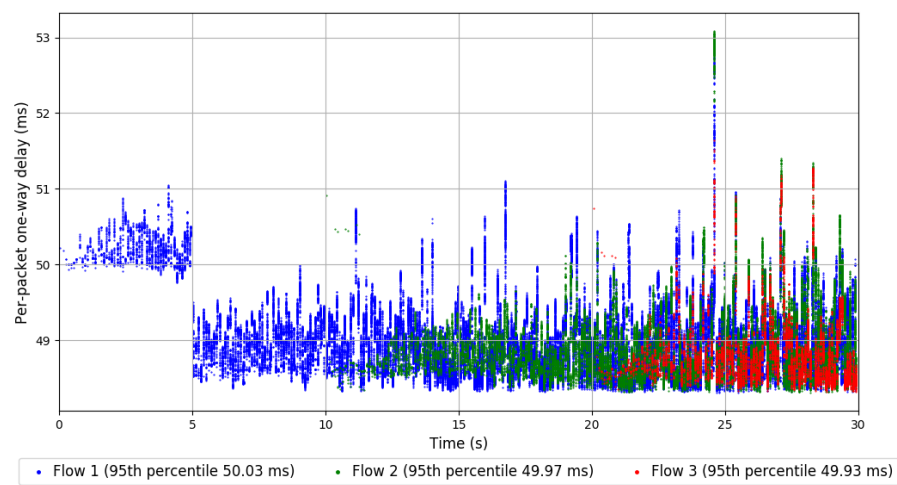
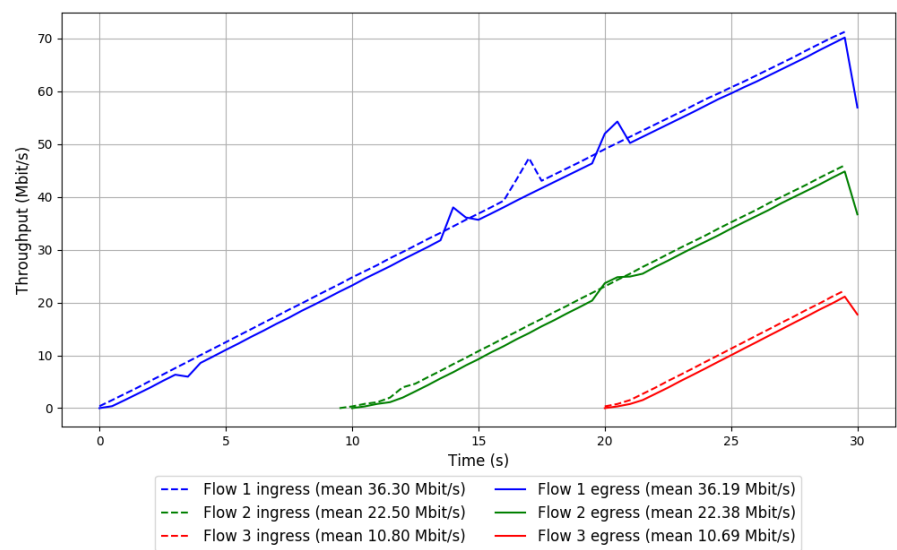


Run 4: Statistics of LEDBAT

Start at: 2018-08-04 02:02:06
End at: 2018-08-04 02:02:36
Local clock offset: -0.185 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2018-08-04 06:58:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.58 Mbit/s
95th percentile per-packet one-way delay: 50.012 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 36.19 Mbit/s
95th percentile per-packet one-way delay: 50.026 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 49.970 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 10.69 Mbit/s
95th percentile per-packet one-way delay: 49.933 ms
Loss rate: 2.12%

Run 4: Report of LEDBAT — Data Link

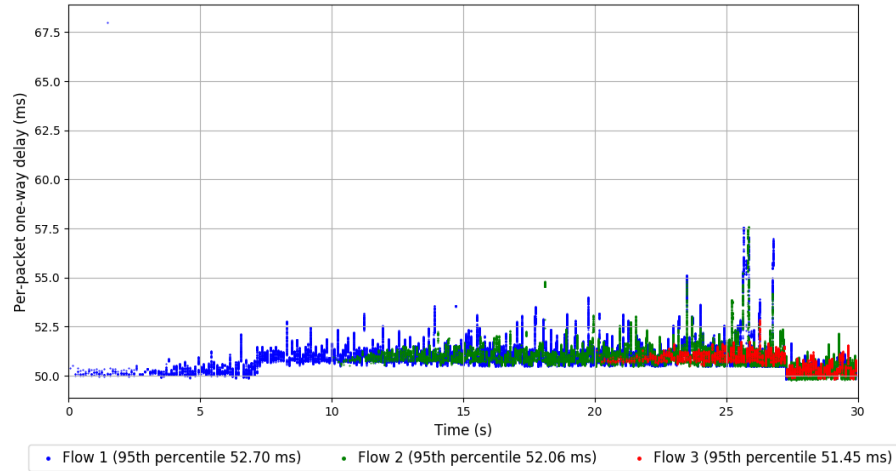
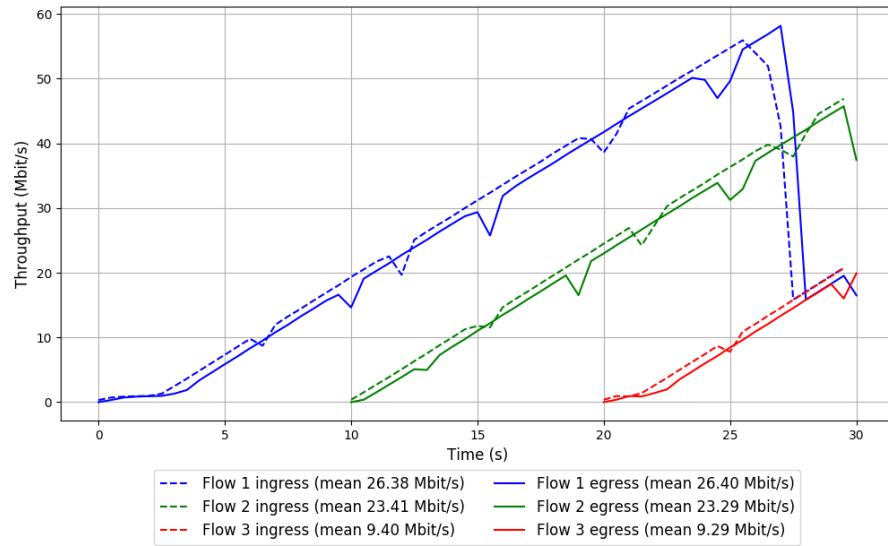


Run 5: Statistics of LEDBAT

Start at: 2018-08-04 02:26:54
End at: 2018-08-04 02:27:24
Local clock offset: 0.076 ms
Remote clock offset: -0.091 ms

Below is generated by plot.py at 2018-08-04 06:58:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.92 Mbit/s
95th percentile per-packet one-way delay: 52.466 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 26.40 Mbit/s
95th percentile per-packet one-way delay: 52.700 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 23.29 Mbit/s
95th percentile per-packet one-way delay: 52.064 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 51.449 ms
Loss rate: 2.27%

Run 5: Report of LEDBAT — Data Link

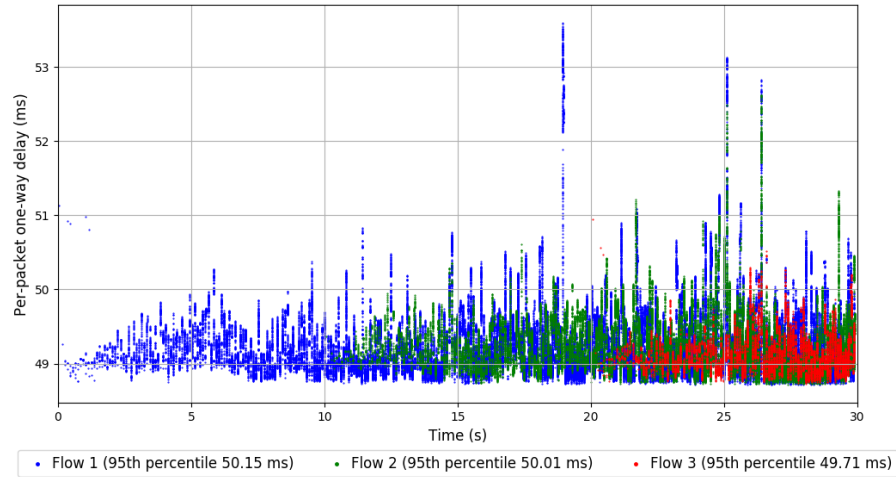
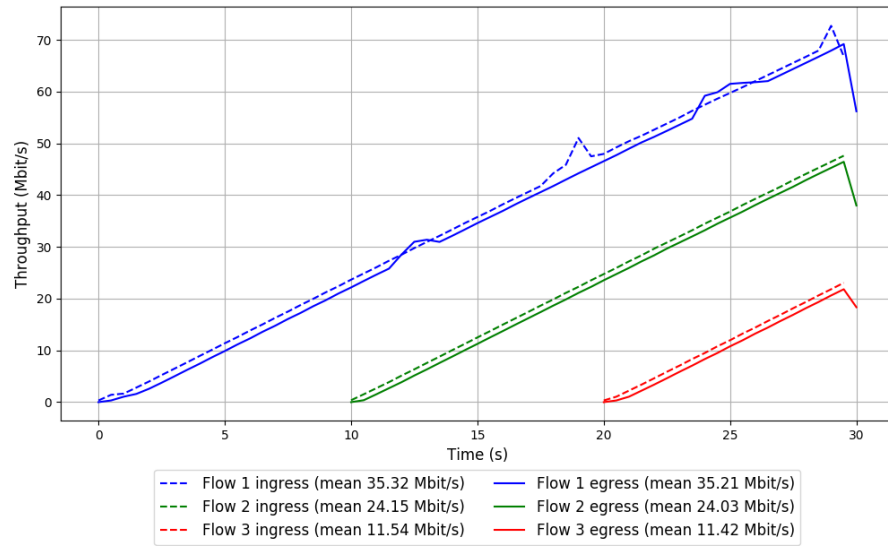


Run 6: Statistics of LEDBAT

Start at: 2018-08-04 02:51:50
End at: 2018-08-04 02:52:20
Local clock offset: 0.065 ms
Remote clock offset: -0.107 ms

Below is generated by plot.py at 2018-08-04 06:58:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.89 Mbit/s
95th percentile per-packet one-way delay: 50.075 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 35.21 Mbit/s
95th percentile per-packet one-way delay: 50.153 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 50.012 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 11.42 Mbit/s
95th percentile per-packet one-way delay: 49.707 ms
Loss rate: 2.06%

Run 6: Report of LEDBAT — Data Link

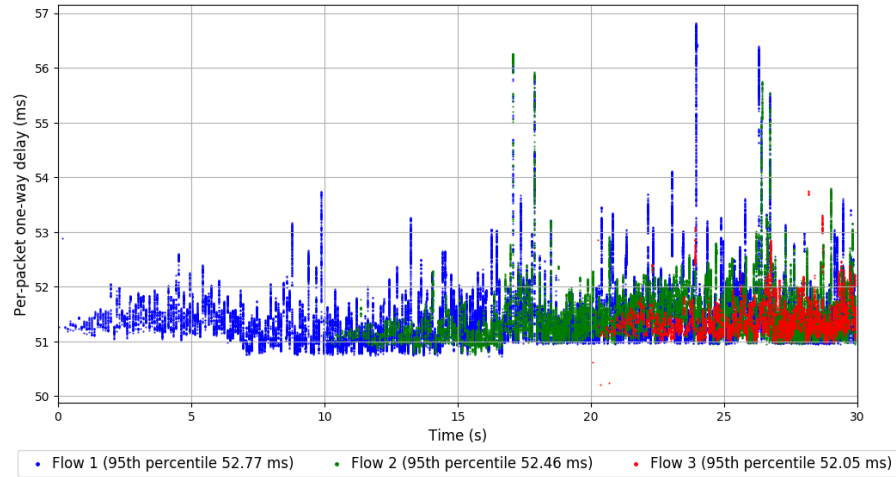
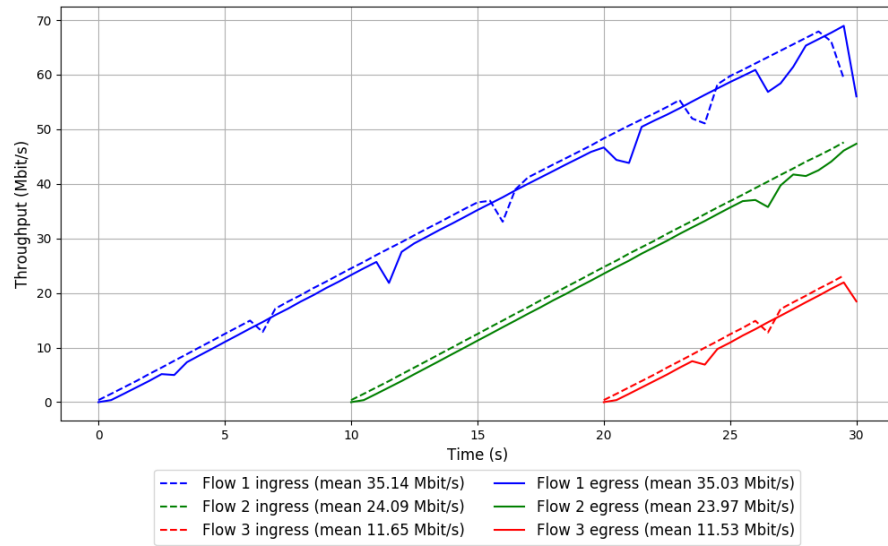


Run 7: Statistics of LEDBAT

Start at: 2018-08-04 03:16:45
End at: 2018-08-04 03:17:15
Local clock offset: 0.403 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2018-08-04 06:58:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.70 Mbit/s
95th percentile per-packet one-way delay: 52.634 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 35.03 Mbit/s
95th percentile per-packet one-way delay: 52.765 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 52.461 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 52.046 ms
Loss rate: 2.05%

Run 7: Report of LEDBAT — Data Link

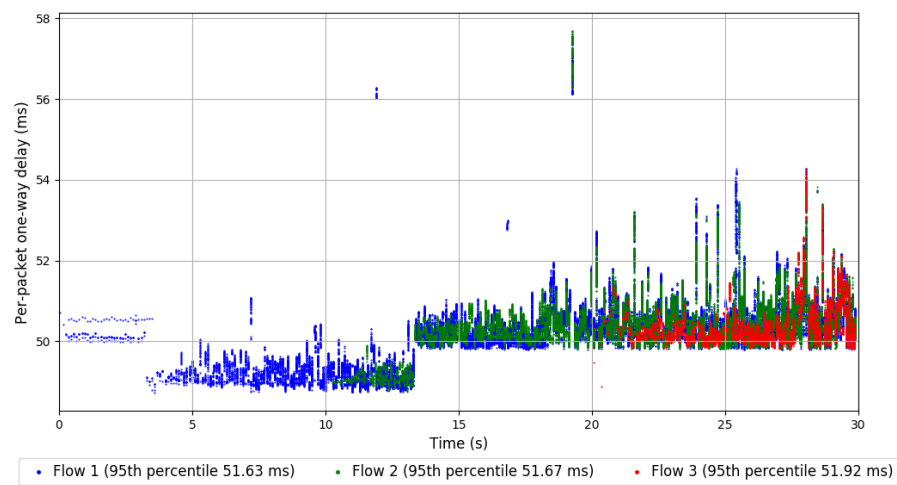
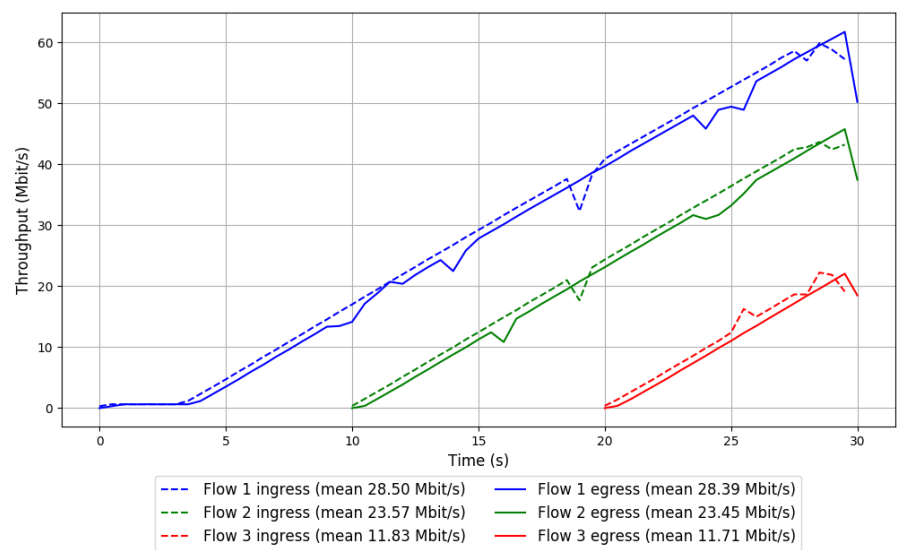


Run 8: Statistics of LEDBAT

Start at: 2018-08-04 03:41:28
End at: 2018-08-04 03:41:58
Local clock offset: 0.066 ms
Remote clock offset: -0.087 ms

Below is generated by plot.py at 2018-08-04 06:58:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 51.659 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 28.39 Mbit/s
95th percentile per-packet one-way delay: 51.630 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 23.45 Mbit/s
95th percentile per-packet one-way delay: 51.668 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 51.920 ms
Loss rate: 2.03%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-08-04 04:06:15

End at: 2018-08-04 04:06:45

Local clock offset: 0.016 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at 2018-08-04 06:58:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 46.19 Mbit/s

95th percentile per-packet one-way delay: 52.135 ms

Loss rate: 0.95%

-- Flow 1:

Average throughput: 26.81 Mbit/s

95th percentile per-packet one-way delay: 52.220 ms

Loss rate: 0.77%

-- Flow 2:

Average throughput: 23.43 Mbit/s

95th percentile per-packet one-way delay: 51.922 ms

Loss rate: 1.01%

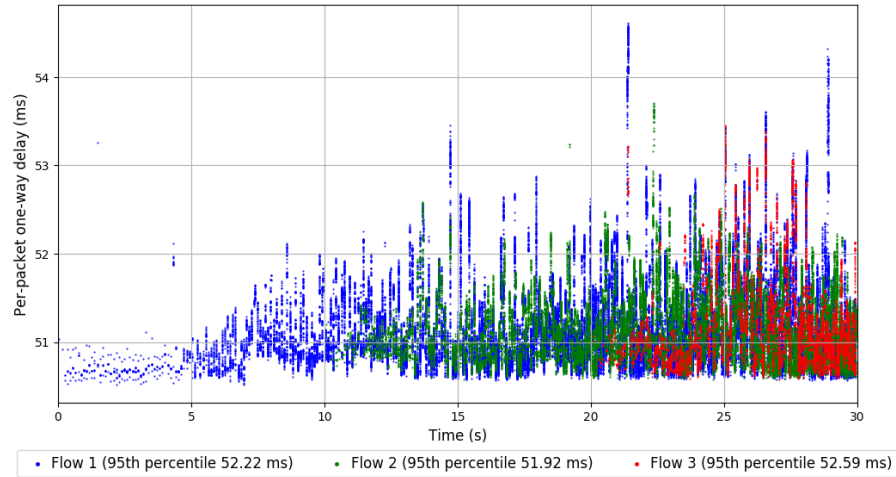
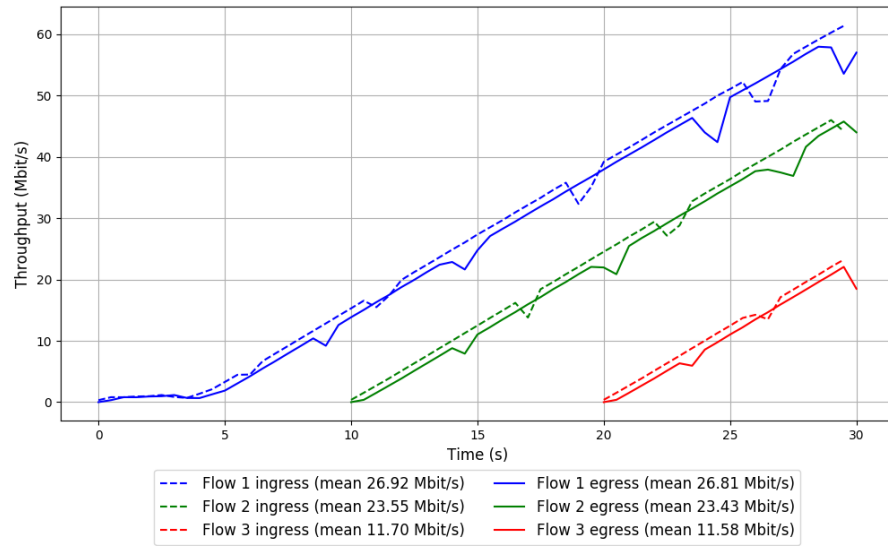
-- Flow 3:

Average throughput: 11.58 Mbit/s

95th percentile per-packet one-way delay: 52.594 ms

Loss rate: 2.04%

Run 9: Report of LEDBAT — Data Link

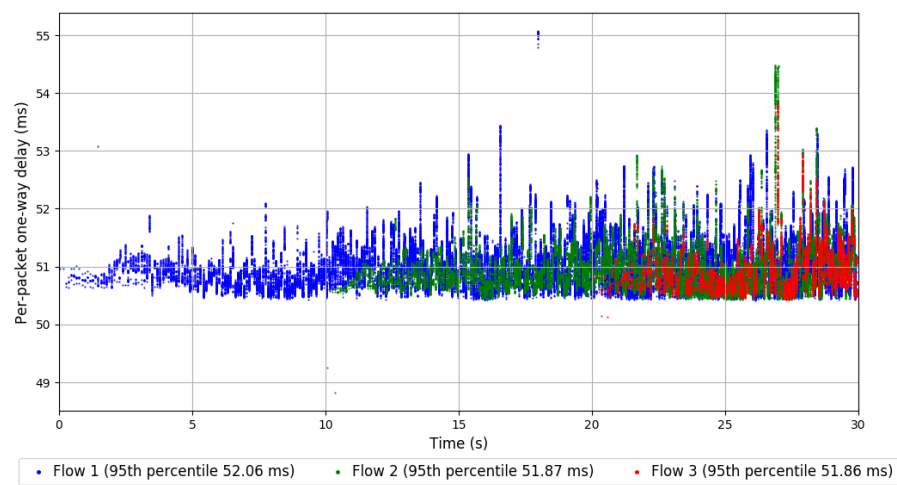
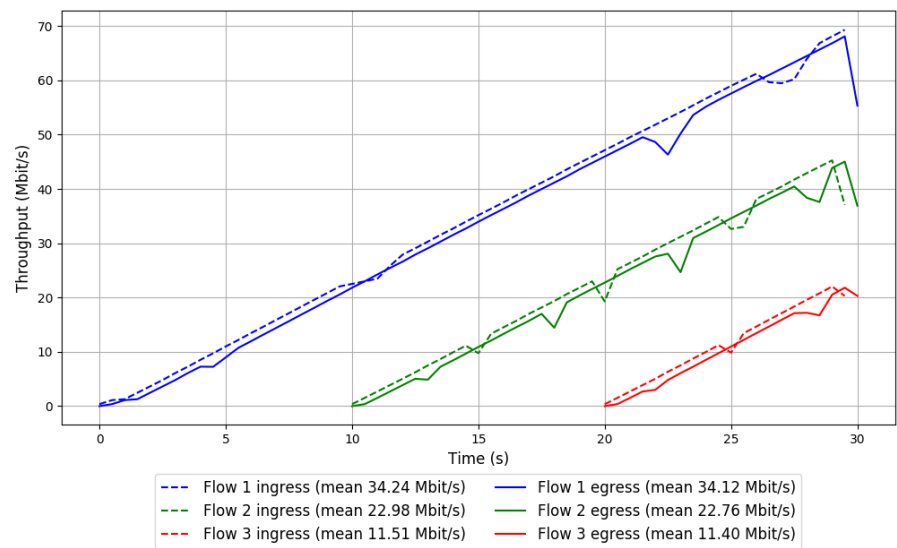


Run 10: Statistics of LEDBAT

Start at: 2018-08-04 04:31:10
End at: 2018-08-04 04:31:40
Local clock offset: -0.052 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-08-04 06:58:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.96 Mbit/s
95th percentile per-packet one-way delay: 51.993 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 34.12 Mbit/s
95th percentile per-packet one-way delay: 52.056 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 22.76 Mbit/s
95th percentile per-packet one-way delay: 51.865 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 11.40 Mbit/s
95th percentile per-packet one-way delay: 51.863 ms
Loss rate: 1.95%

Run 10: Report of LEDBAT — Data Link

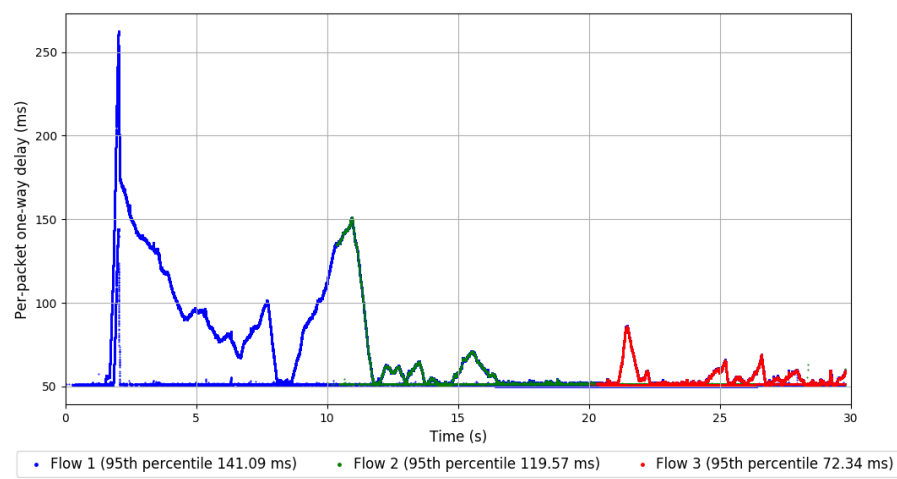
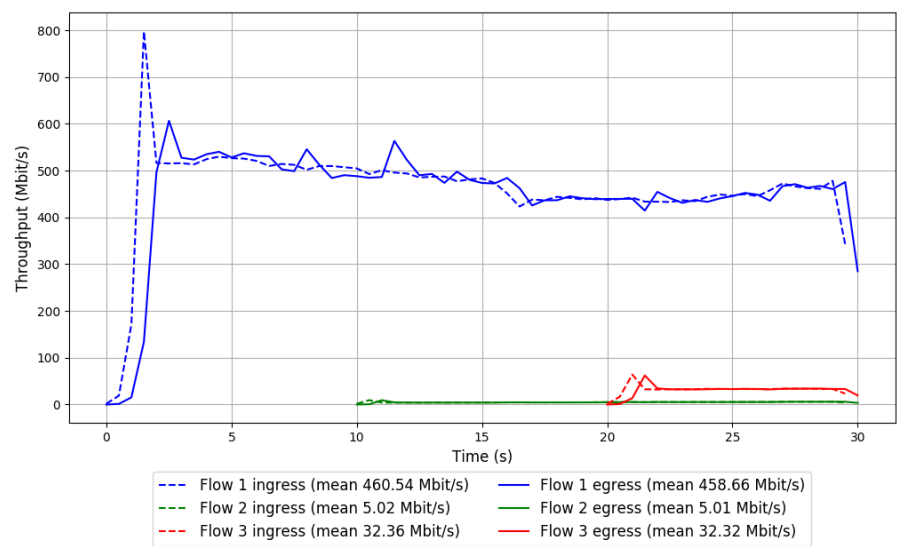


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-04 00:33:55
End at: 2018-08-04 00:34:25
Local clock offset: 0.358 ms
Remote clock offset: -0.122 ms

# Below is generated by plot.py at 2018-08-04 06:58:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 472.52 Mbit/s
95th percentile per-packet one-way delay: 140.629 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 458.66 Mbit/s
95th percentile per-packet one-way delay: 141.093 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 5.01 Mbit/s
95th percentile per-packet one-way delay: 119.573 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 32.32 Mbit/s
95th percentile per-packet one-way delay: 72.337 ms
Loss rate: 1.15%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-08-04 00:58:34

End at: 2018-08-04 00:59:04

Local clock offset: 0.099 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2018-08-04 06:59:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 506.37 Mbit/s

95th percentile per-packet one-way delay: 186.839 ms

Loss rate: 3.18%

-- Flow 1:

Average throughput: 463.61 Mbit/s

95th percentile per-packet one-way delay: 186.778 ms

Loss rate: 3.12%

-- Flow 2:

Average throughput: 62.60 Mbit/s

95th percentile per-packet one-way delay: 187.339 ms

Loss rate: 3.87%

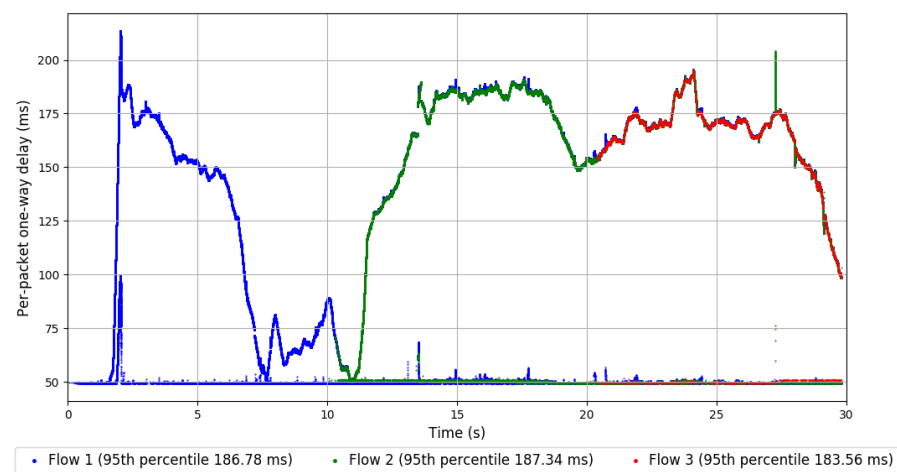
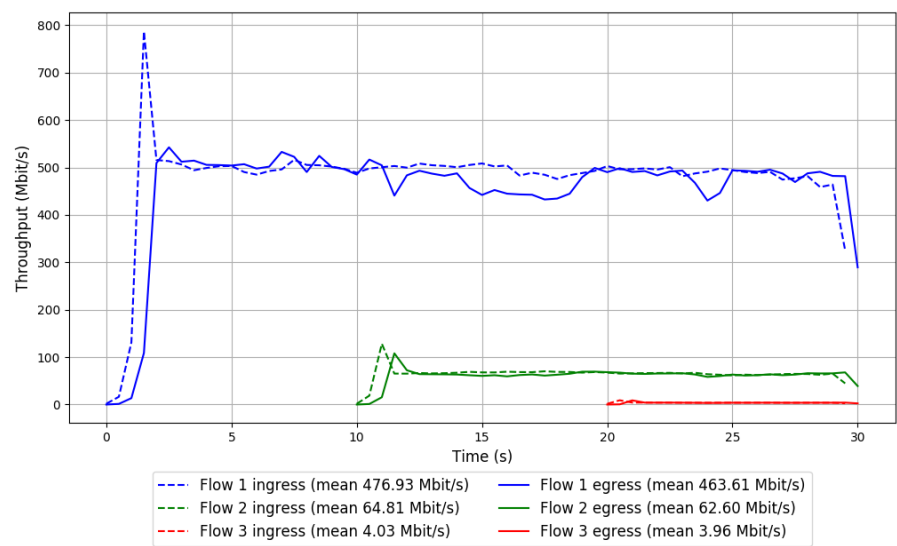
-- Flow 3:

Average throughput: 3.96 Mbit/s

95th percentile per-packet one-way delay: 183.565 ms

Loss rate: 2.68%

Run 2: Report of PCC-Allegro — Data Link

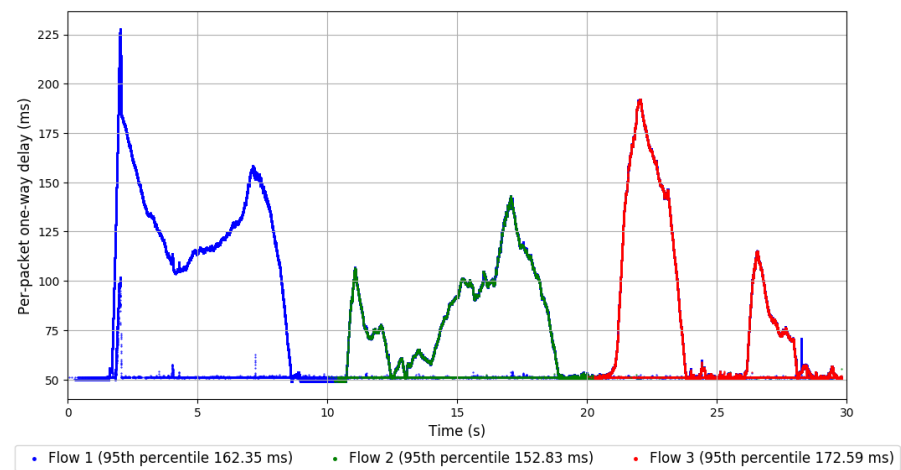
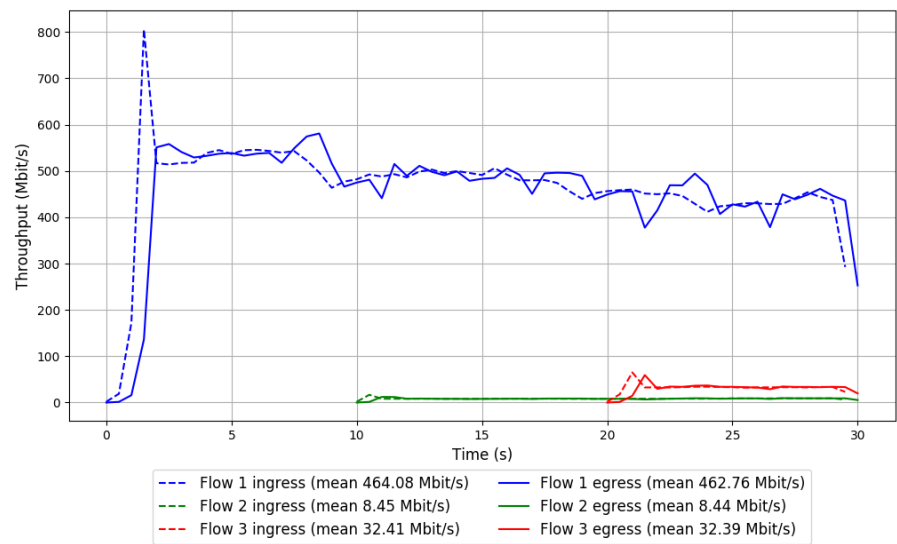


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-04 01:23:39
End at: 2018-08-04 01:24:09
Local clock offset: 0.498 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-08-04 06:59:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 478.88 Mbit/s
95th percentile per-packet one-way delay: 162.909 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 462.76 Mbit/s
95th percentile per-packet one-way delay: 162.350 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 152.830 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 172.590 ms
Loss rate: 1.08%

Run 3: Report of PCC-Allegro — Data Link

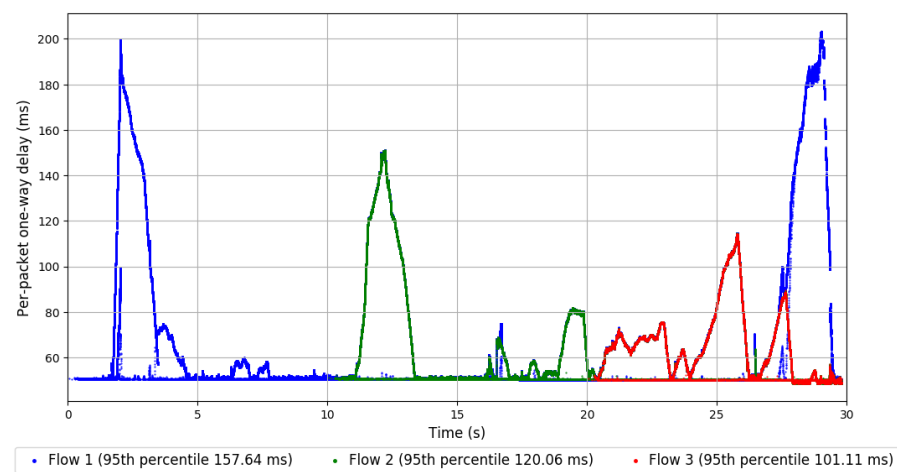
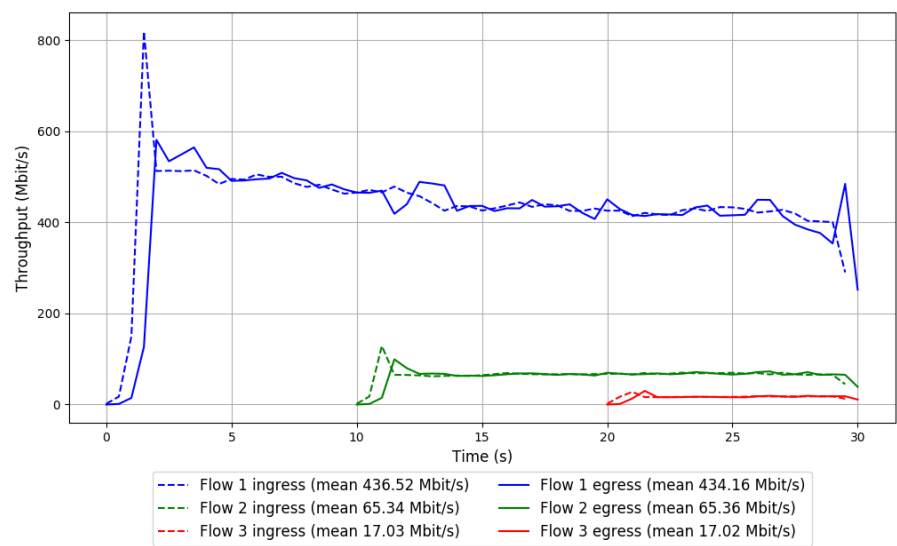


Run 4: Statistics of PCC-Allegro

Start at: 2018-08-04 01:48:44
End at: 2018-08-04 01:49:14
Local clock offset: 0.095 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-08-04 06:59:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 483.08 Mbit/s
95th percentile per-packet one-way delay: 153.427 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 434.16 Mbit/s
95th percentile per-packet one-way delay: 157.638 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 65.36 Mbit/s
95th percentile per-packet one-way delay: 120.061 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 17.02 Mbit/s
95th percentile per-packet one-way delay: 101.110 ms
Loss rate: 1.08%

Run 4: Report of PCC-Allegro — Data Link

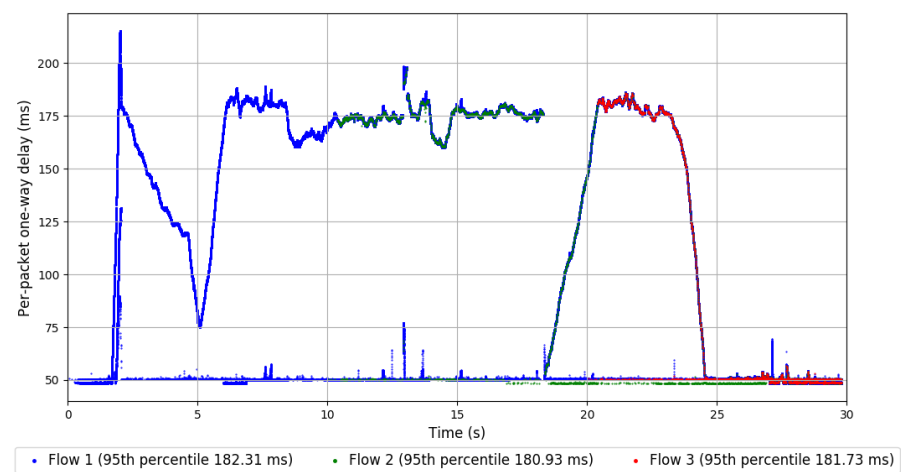
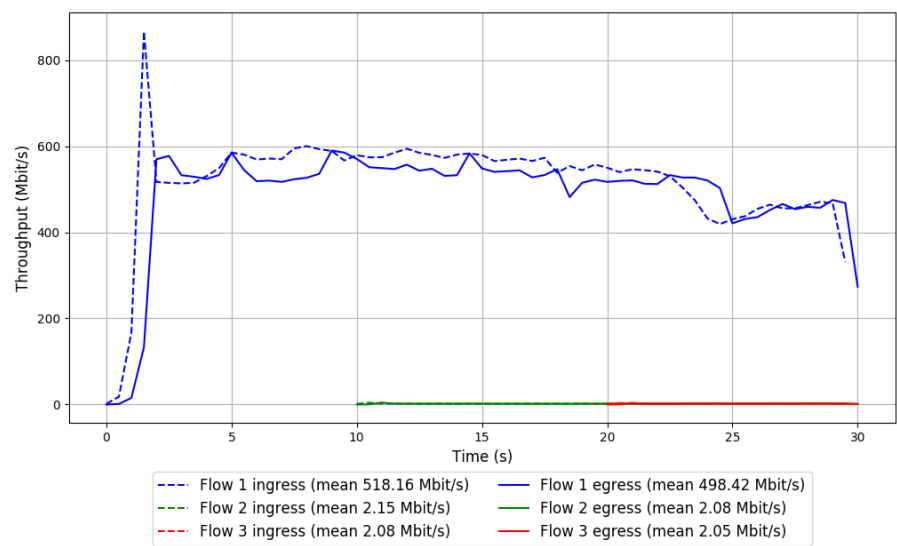


Run 5: Statistics of PCC-Allegro

Start at: 2018-08-04 02:13:34
End at: 2018-08-04 02:14:04
Local clock offset: -0.218 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-08-04 07:00:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 500.47 Mbit/s
95th percentile per-packet one-way delay: 182.300 ms
Loss rate: 4.17%
-- Flow 1:
Average throughput: 498.42 Mbit/s
95th percentile per-packet one-way delay: 182.306 ms
Loss rate: 4.17%
-- Flow 2:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 180.933 ms
Loss rate: 3.98%
-- Flow 3:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 181.733 ms
Loss rate: 2.73%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-08-04 02:38:37

End at: 2018-08-04 02:39:07

Local clock offset: 0.081 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2018-08-04 07:04:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 472.99 Mbit/s

95th percentile per-packet one-way delay: 177.370 ms

Loss rate: 0.71%

-- Flow 1:

Average throughput: 424.75 Mbit/s

95th percentile per-packet one-way delay: 177.605 ms

Loss rate: 0.72%

-- Flow 2:

Average throughput: 68.55 Mbit/s

95th percentile per-packet one-way delay: 96.968 ms

Loss rate: 0.58%

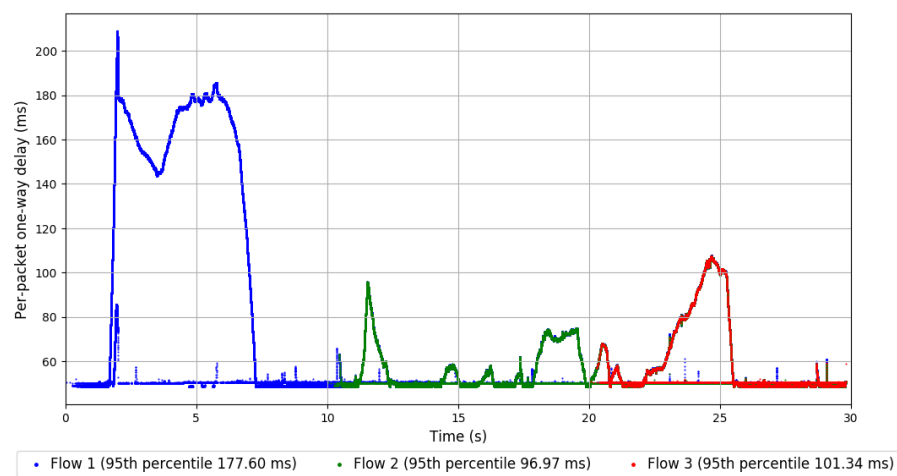
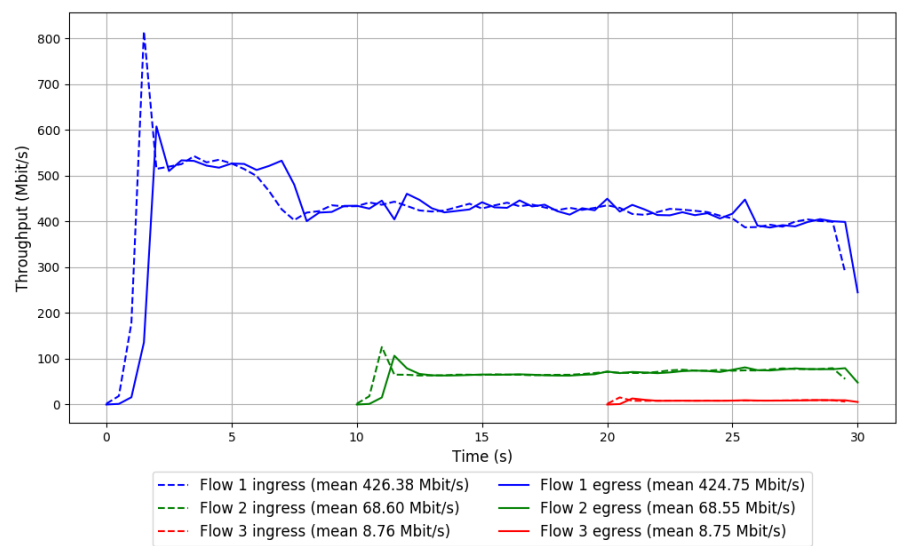
-- Flow 3:

Average throughput: 8.75 Mbit/s

95th percentile per-packet one-way delay: 101.339 ms

Loss rate: 1.06%

Run 6: Report of PCC-Allegro — Data Link

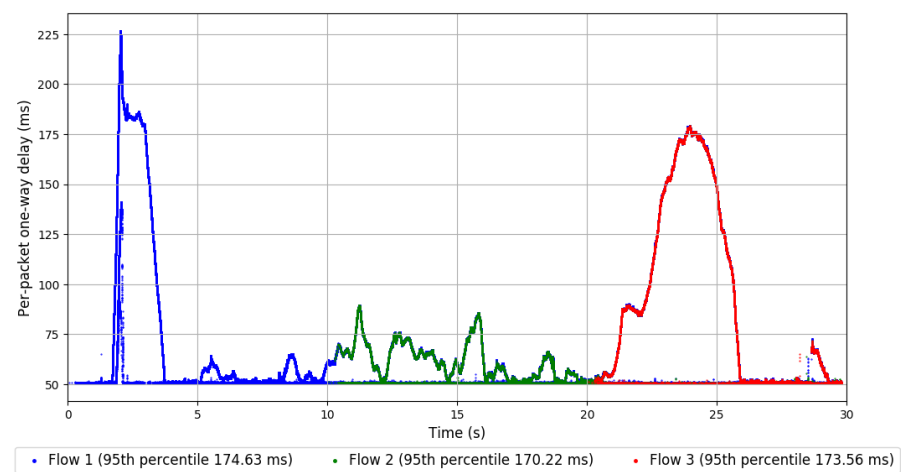
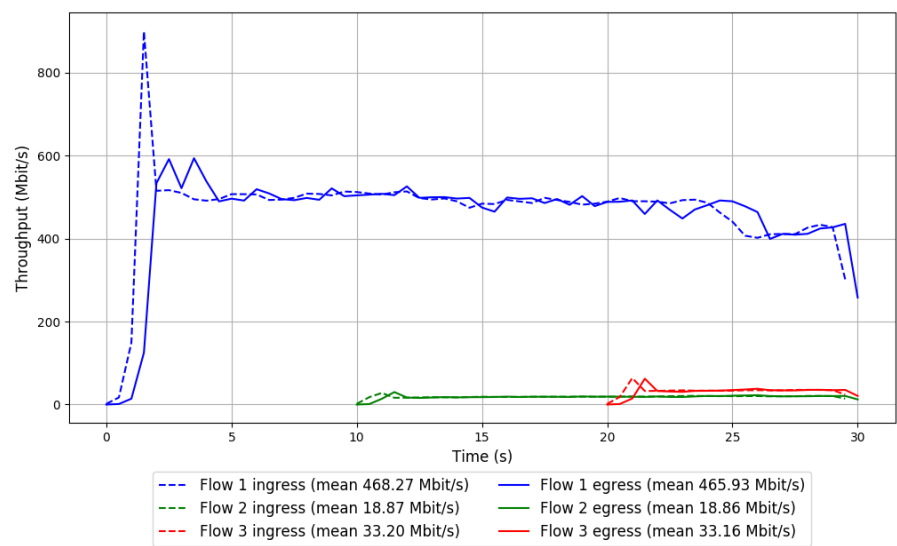


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-04 03:03:19
End at: 2018-08-04 03:03:49
Local clock offset: 0.041 ms
Remote clock offset: -0.088 ms

Below is generated by plot.py at 2018-08-04 07:05:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 489.29 Mbit/s
95th percentile per-packet one-way delay: 174.489 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 465.93 Mbit/s
95th percentile per-packet one-way delay: 174.634 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 18.86 Mbit/s
95th percentile per-packet one-way delay: 170.225 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 173.564 ms
Loss rate: 1.13%

Run 7: Report of PCC-Allegro — Data Link

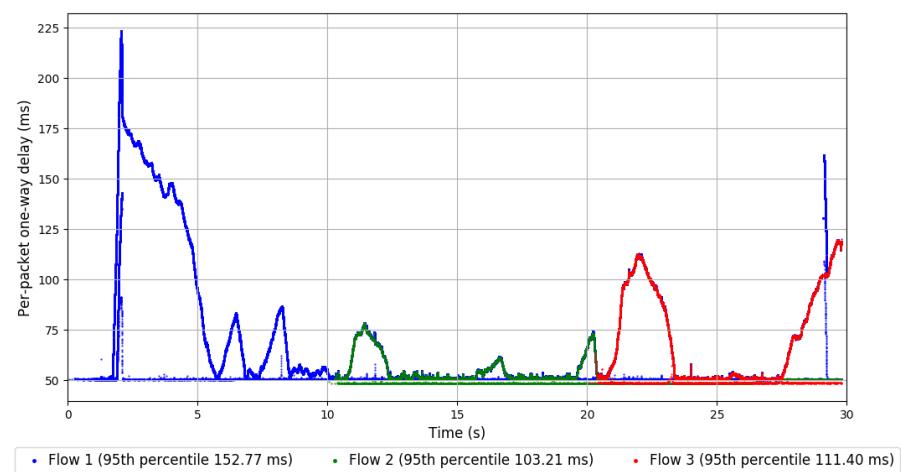
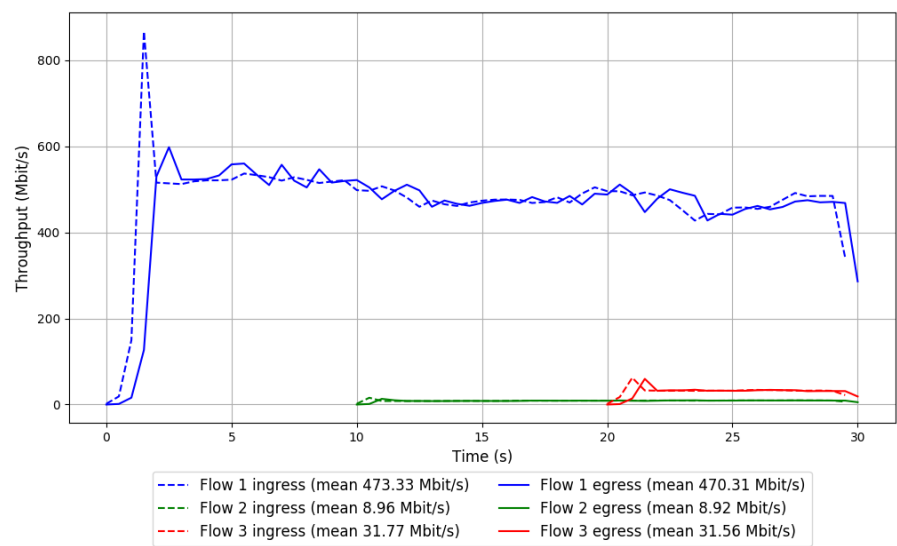


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-04 03:28:15
End at: 2018-08-04 03:28:45
Local clock offset: 0.009 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-08-04 07:09:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 486.54 Mbit/s
95th percentile per-packet one-way delay: 151.358 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 470.31 Mbit/s
95th percentile per-packet one-way delay: 152.768 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 8.92 Mbit/s
95th percentile per-packet one-way delay: 103.213 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 31.56 Mbit/s
95th percentile per-packet one-way delay: 111.398 ms
Loss rate: 1.66%

Run 8: Report of PCC-Allegro — Data Link

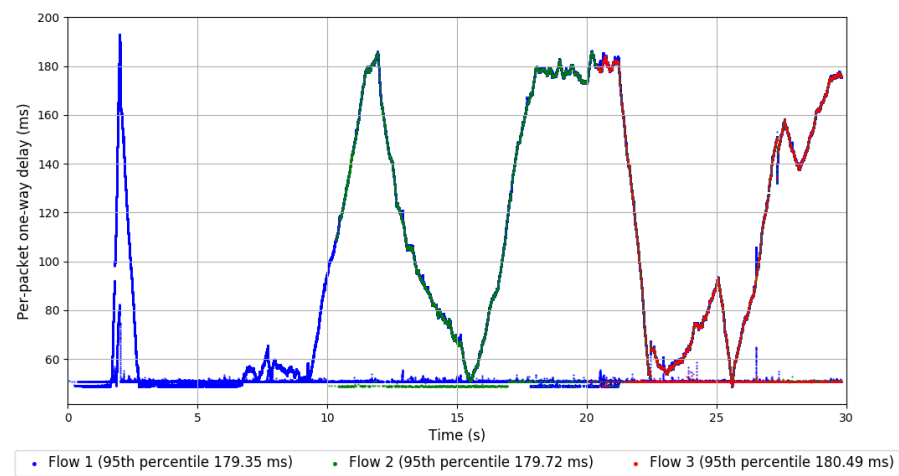
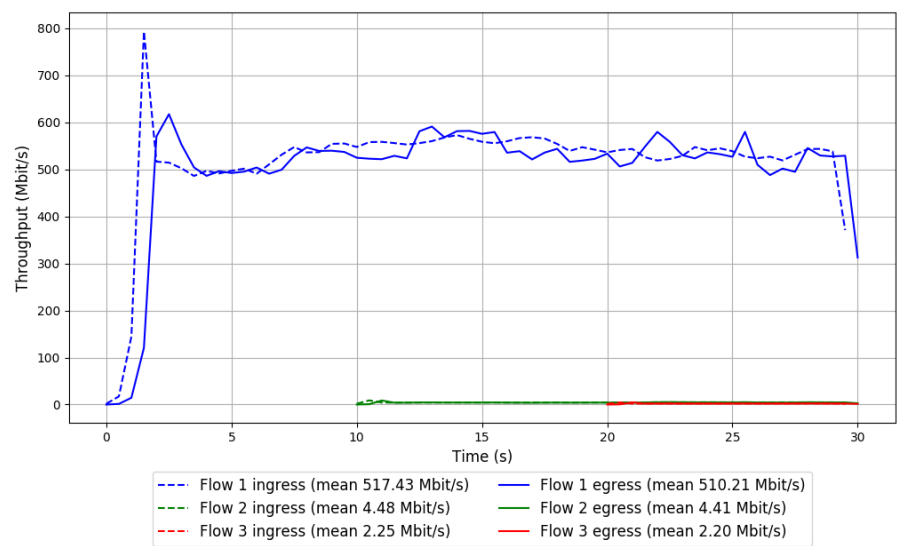


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-04 03:52:54
End at: 2018-08-04 03:53:24
Local clock offset: 0.087 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2018-08-04 07:10:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 513.86 Mbit/s
95th percentile per-packet one-way delay: 179.352 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 510.21 Mbit/s
95th percentile per-packet one-way delay: 179.349 ms
Loss rate: 1.73%
-- Flow 2:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 179.717 ms
Loss rate: 2.13%
-- Flow 3:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 180.491 ms
Loss rate: 3.15%

Run 9: Report of PCC-Allegro — Data Link

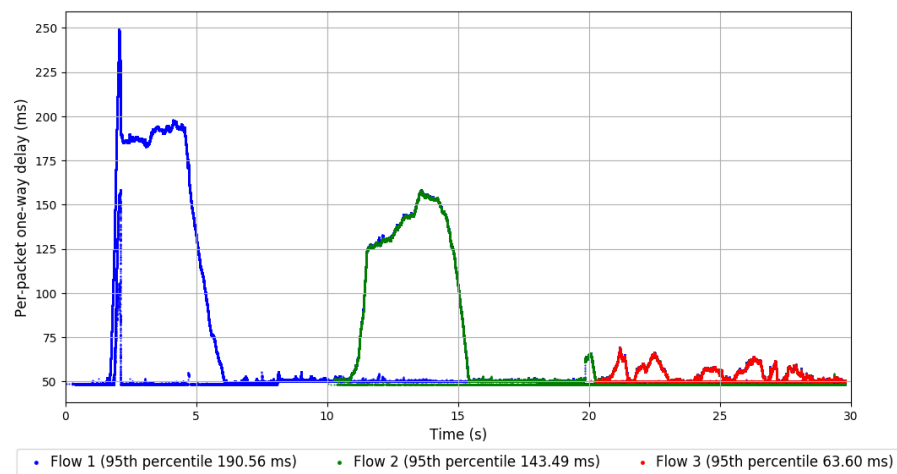
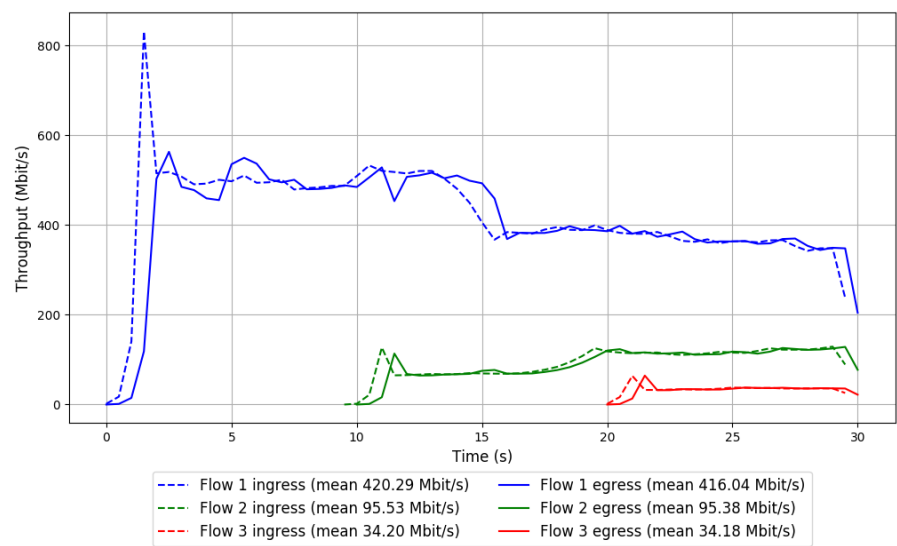


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-04 04:17:43
End at: 2018-08-04 04:18:13
Local clock offset: -0.354 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-08-04 07:10:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 490.51 Mbit/s
95th percentile per-packet one-way delay: 187.390 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 416.04 Mbit/s
95th percentile per-packet one-way delay: 190.565 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 95.38 Mbit/s
95th percentile per-packet one-way delay: 143.490 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 34.18 Mbit/s
95th percentile per-packet one-way delay: 63.605 ms
Loss rate: 1.11%

Run 10: Report of PCC-Allegro — Data Link

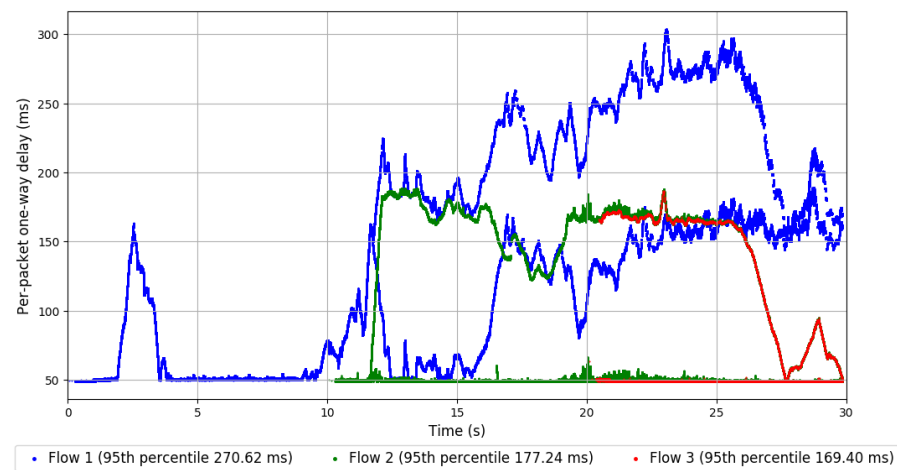
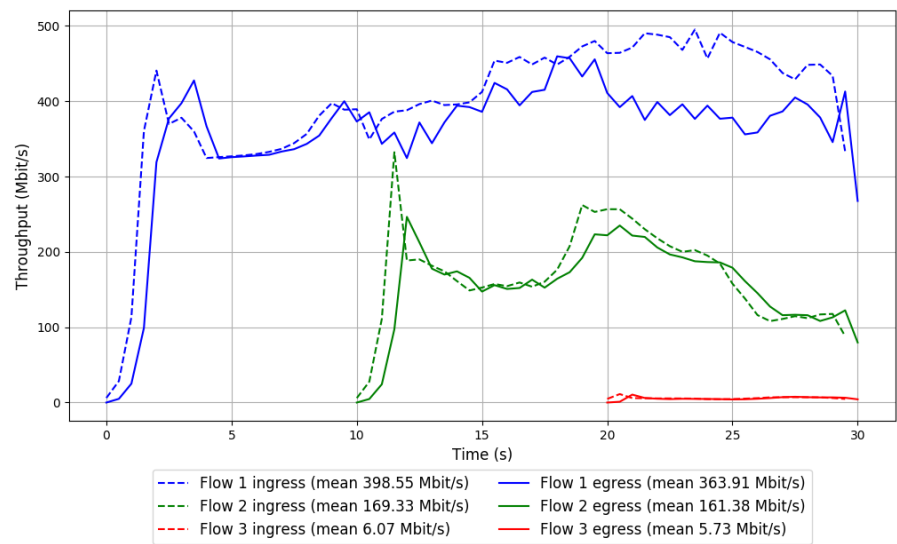


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-04 00:45:30
End at: 2018-08-04 00:46:00
Local clock offset: -0.265 ms
Remote clock offset: -0.079 ms

# Below is generated by plot.py at 2018-08-04 07:20:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 472.95 Mbit/s
95th percentile per-packet one-way delay: 266.459 ms
Loss rate: 8.15%
-- Flow 1:
Average throughput: 363.91 Mbit/s
95th percentile per-packet one-way delay: 270.625 ms
Loss rate: 8.99%
-- Flow 2:
Average throughput: 161.38 Mbit/s
95th percentile per-packet one-way delay: 177.244 ms
Loss rate: 5.18%
-- Flow 3:
Average throughput: 5.73 Mbit/s
95th percentile per-packet one-way delay: 169.398 ms
Loss rate: 6.56%
```


Run 1: Report of PCC-Expr — Data Link

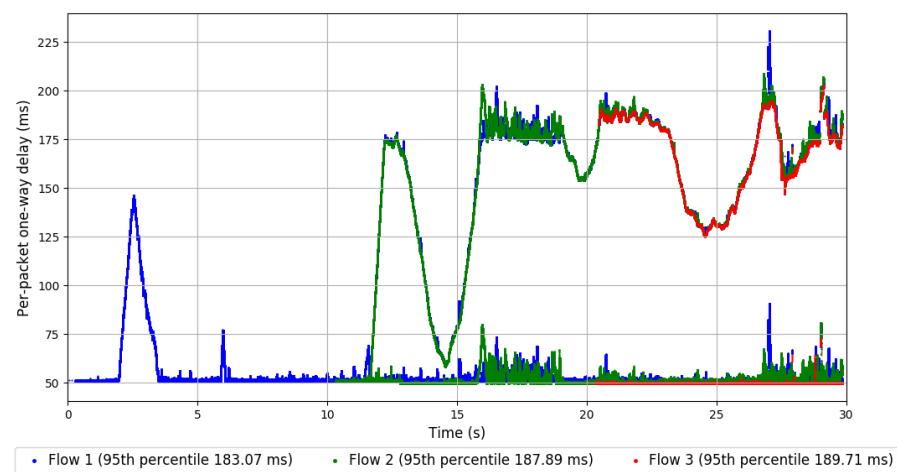
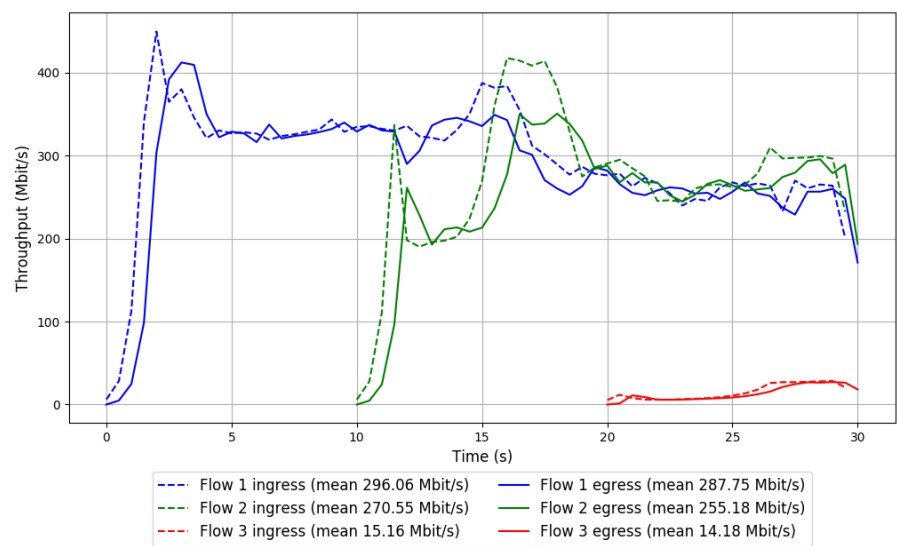


```
Run 2: Statistics of PCC-Expr

Start at: 2018-08-04 01:10:18
End at: 2018-08-04 01:10:48
Local clock offset: 0.526 ms
Remote clock offset: -0.057 ms

# Below is generated by plot.py at 2018-08-04 07:20:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 461.73 Mbit/s
95th percentile per-packet one-way delay: 185.596 ms
Loss rate: 4.32%
-- Flow 1:
Average throughput: 287.75 Mbit/s
95th percentile per-packet one-way delay: 183.071 ms
Loss rate: 3.14%
-- Flow 2:
Average throughput: 255.18 Mbit/s
95th percentile per-packet one-way delay: 187.887 ms
Loss rate: 6.17%
-- Flow 3:
Average throughput: 14.18 Mbit/s
95th percentile per-packet one-way delay: 189.708 ms
Loss rate: 7.33%
```

Run 2: Report of PCC-Expr — Data Link

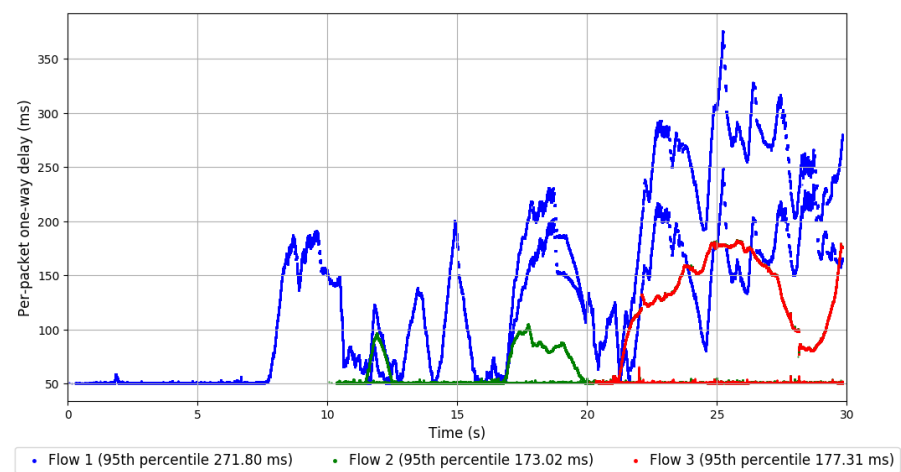
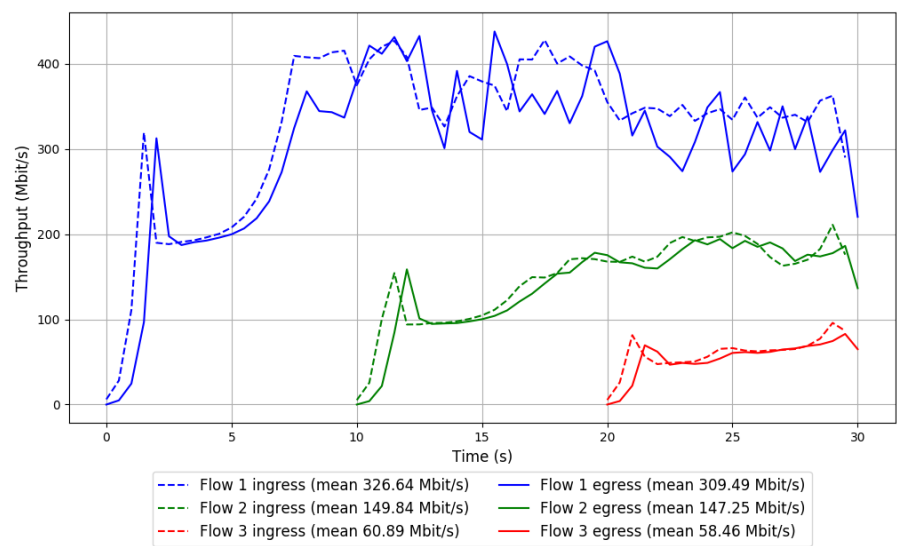


Run 3: Statistics of PCC-Expr

Start at: 2018-08-04 01:35:25
End at: 2018-08-04 01:35:55
Local clock offset: 0.512 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-08-04 07:20:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 426.38 Mbit/s
95th percentile per-packet one-way delay: 261.665 ms
Loss rate: 4.80%
-- Flow 1:
Average throughput: 309.49 Mbit/s
95th percentile per-packet one-way delay: 271.795 ms
Loss rate: 5.57%
-- Flow 2:
Average throughput: 147.25 Mbit/s
95th percentile per-packet one-way delay: 173.024 ms
Loss rate: 2.23%
-- Flow 3:
Average throughput: 58.46 Mbit/s
95th percentile per-packet one-way delay: 177.307 ms
Loss rate: 4.98%

Run 3: Report of PCC-Expr — Data Link

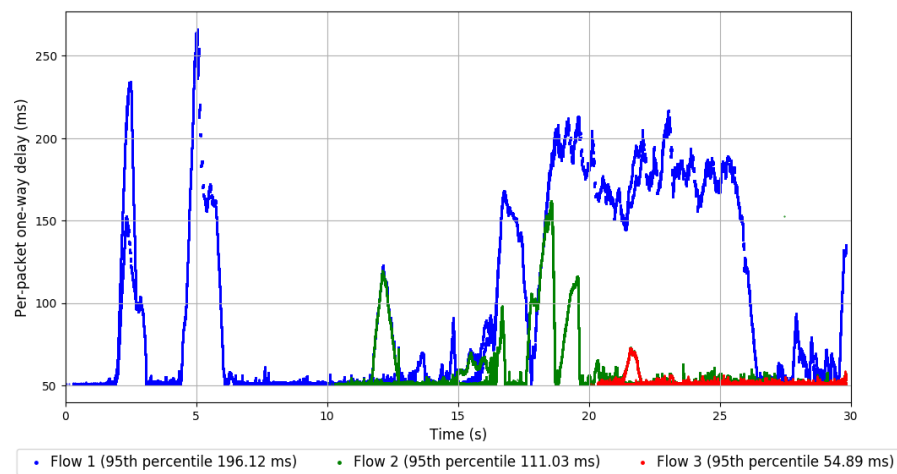
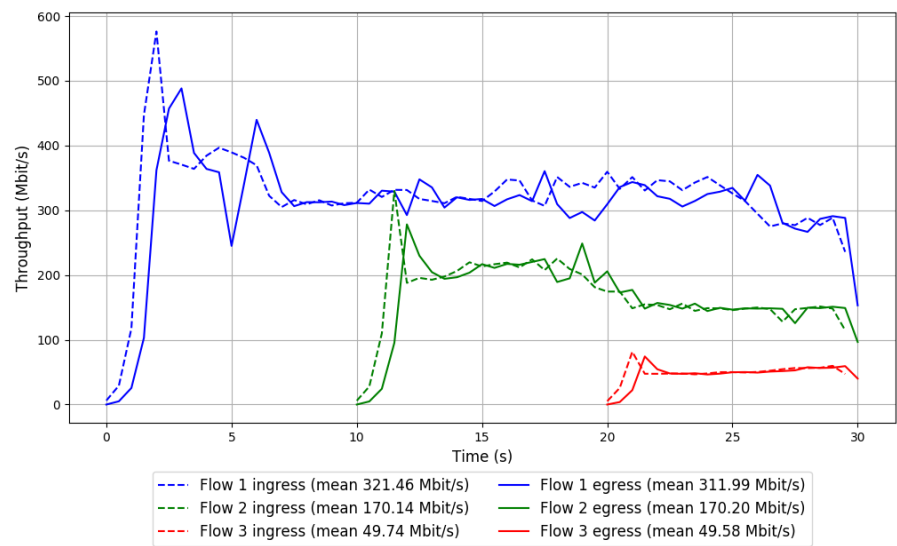


Run 4: Statistics of PCC-Expr

Start at: 2018-08-04 02:00:21
End at: 2018-08-04 02:00:51
Local clock offset: 0.502 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2018-08-04 07:25:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 441.23 Mbit/s
95th percentile per-packet one-way delay: 190.101 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 311.99 Mbit/s
95th percentile per-packet one-way delay: 196.116 ms
Loss rate: 3.28%
-- Flow 2:
Average throughput: 170.20 Mbit/s
95th percentile per-packet one-way delay: 111.034 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 49.58 Mbit/s
95th percentile per-packet one-way delay: 54.889 ms
Loss rate: 1.35%

Run 4: Report of PCC-Expr — Data Link

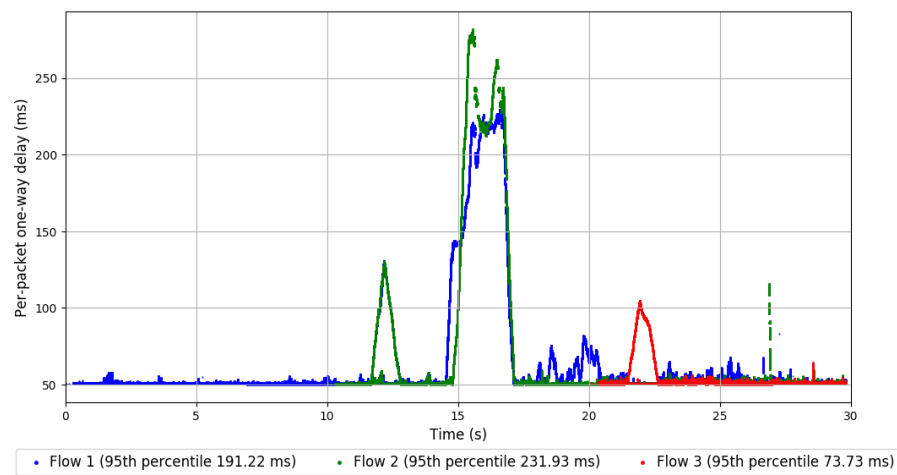
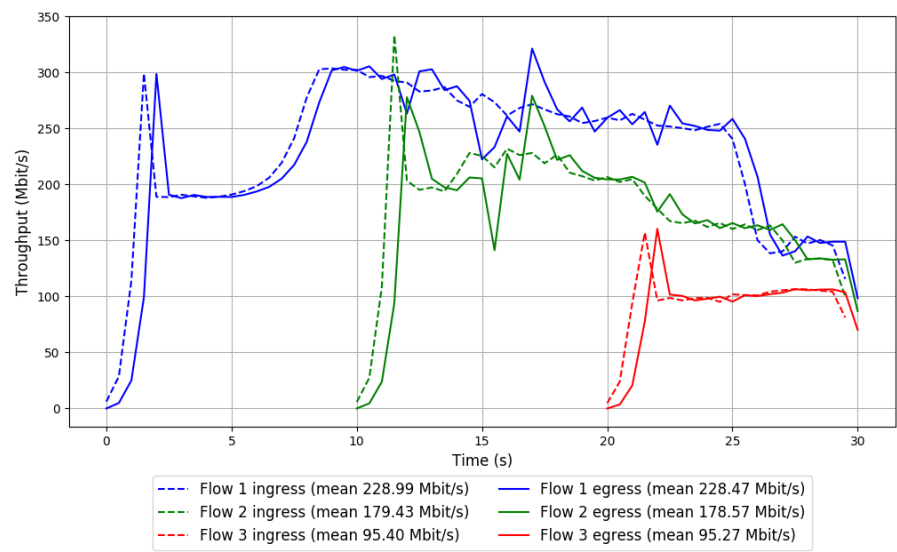


Run 5: Statistics of PCC-Expr

Start at: 2018-08-04 02:25:14
End at: 2018-08-04 02:25:44
Local clock offset: 0.473 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-08-04 07:25:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 378.29 Mbit/s
95th percentile per-packet one-way delay: 214.075 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 228.47 Mbit/s
95th percentile per-packet one-way delay: 191.221 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 178.57 Mbit/s
95th percentile per-packet one-way delay: 231.925 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 73.735 ms
Loss rate: 1.16%

Run 5: Report of PCC-Expr — Data Link

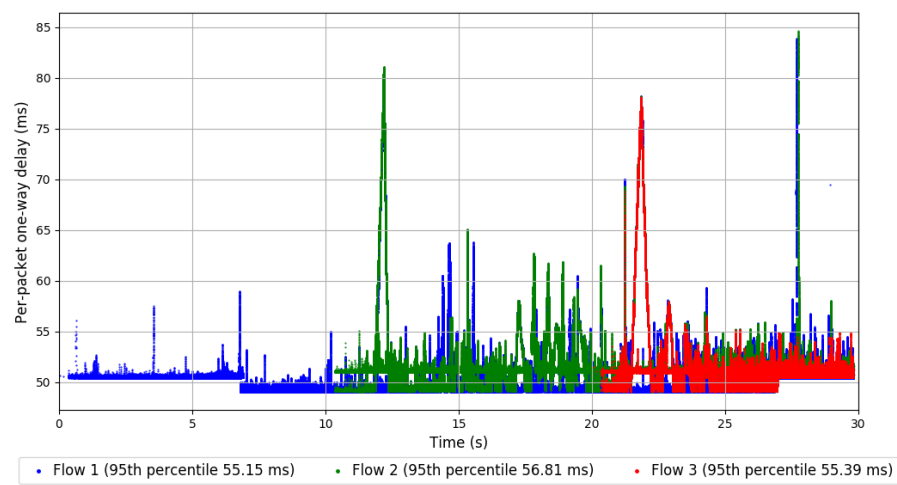
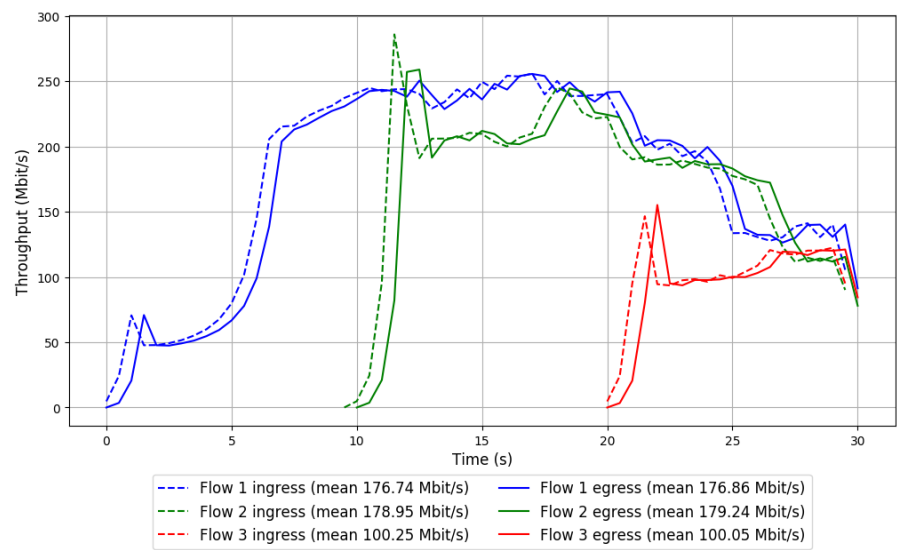


Run 6: Statistics of PCC-Expr

Start at: 2018-08-04 02:50:14
End at: 2018-08-04 02:50:44
Local clock offset: 0.412 ms
Remote clock offset: -0.105 ms

Below is generated by plot.py at 2018-08-04 07:25:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 328.73 Mbit/s
95th percentile per-packet one-way delay: 55.674 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 176.86 Mbit/s
95th percentile per-packet one-way delay: 55.150 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 179.24 Mbit/s
95th percentile per-packet one-way delay: 56.808 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 100.05 Mbit/s
95th percentile per-packet one-way delay: 55.391 ms
Loss rate: 1.23%

Run 6: Report of PCC-Expr — Data Link

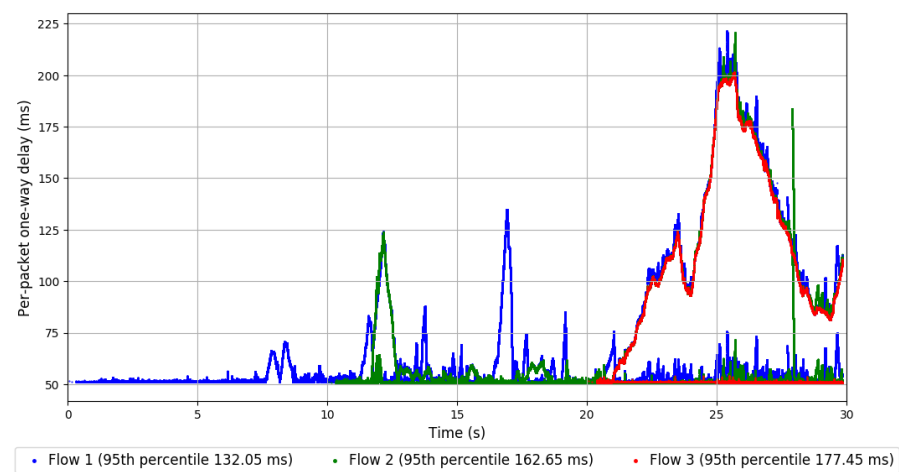
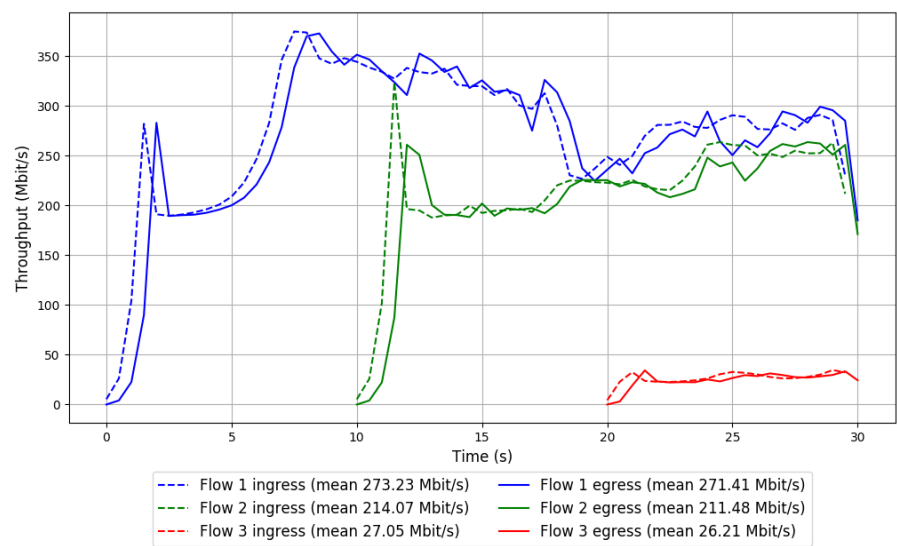


Run 7: Statistics of PCC-Expr

Start at: 2018-08-04 03:15:06
End at: 2018-08-04 03:15:36
Local clock offset: 0.458 ms
Remote clock offset: -0.114 ms

Below is generated by plot.py at 2018-08-04 07:29:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 420.36 Mbit/s
95th percentile per-packet one-way delay: 147.076 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 271.41 Mbit/s
95th percentile per-packet one-way delay: 132.048 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 211.48 Mbit/s
95th percentile per-packet one-way delay: 162.649 ms
Loss rate: 1.73%
-- Flow 3:
Average throughput: 26.21 Mbit/s
95th percentile per-packet one-way delay: 177.452 ms
Loss rate: 4.12%

Run 7: Report of PCC-Expr — Data Link

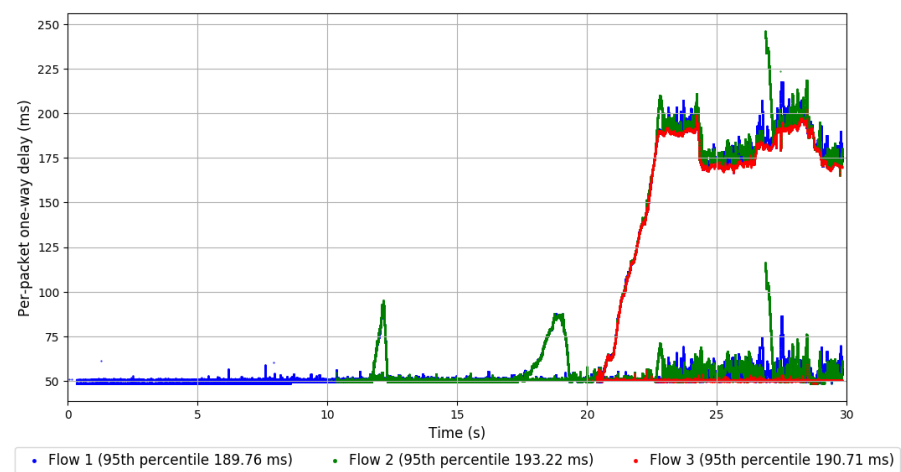
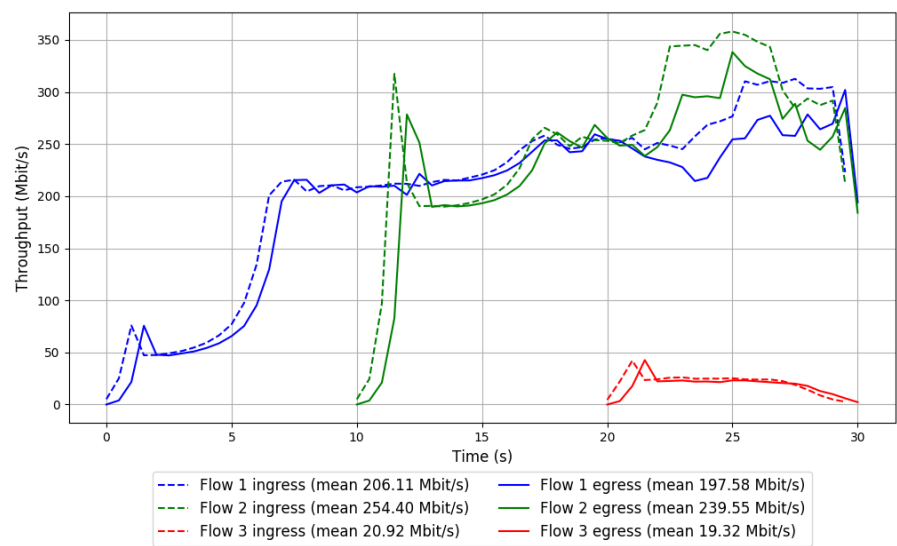


Run 8: Statistics of PCC-Expr

Start at: 2018-08-04 03:39:53
End at: 2018-08-04 03:40:23
Local clock offset: 0.037 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2018-08-04 07:29:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 362.92 Mbit/s
95th percentile per-packet one-way delay: 191.229 ms
Loss rate: 5.36%
-- Flow 1:
Average throughput: 197.58 Mbit/s
95th percentile per-packet one-way delay: 189.760 ms
Loss rate: 4.46%
-- Flow 2:
Average throughput: 239.55 Mbit/s
95th percentile per-packet one-way delay: 193.221 ms
Loss rate: 6.32%
-- Flow 3:
Average throughput: 19.32 Mbit/s
95th percentile per-packet one-way delay: 190.705 ms
Loss rate: 8.55%

Run 8: Report of PCC-Expr — Data Link

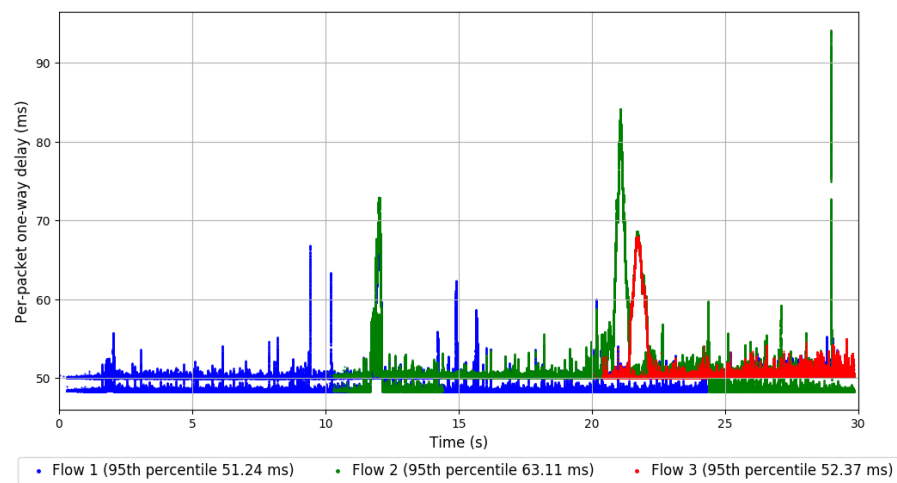
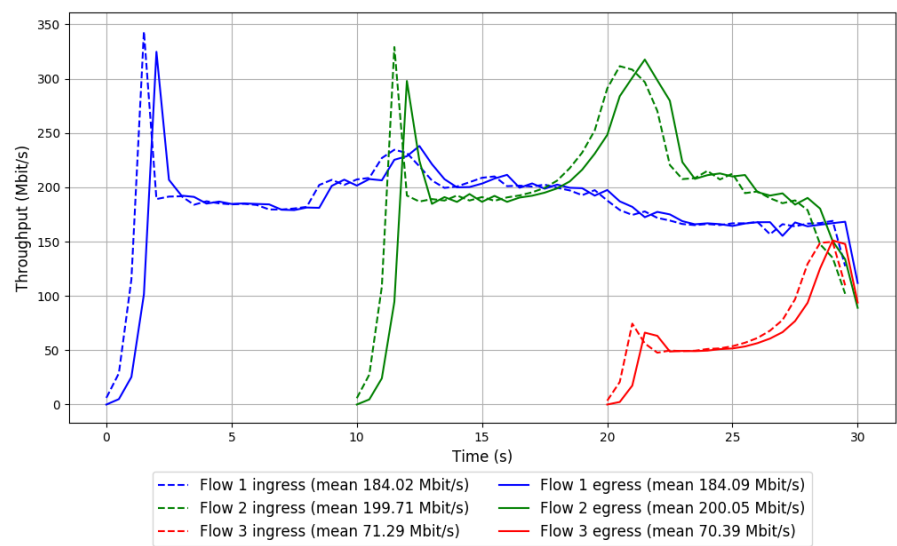


Run 9: Statistics of PCC-Expr

Start at: 2018-08-04 04:04:37
End at: 2018-08-04 04:05:07
Local clock offset: -0.299 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2018-08-04 07:34:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 339.96 Mbit/s
95th percentile per-packet one-way delay: 55.605 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 184.09 Mbit/s
95th percentile per-packet one-way delay: 51.239 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 200.05 Mbit/s
95th percentile per-packet one-way delay: 63.110 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 70.39 Mbit/s
95th percentile per-packet one-way delay: 52.365 ms
Loss rate: 2.27%

Run 9: Report of PCC-Expr — Data Link

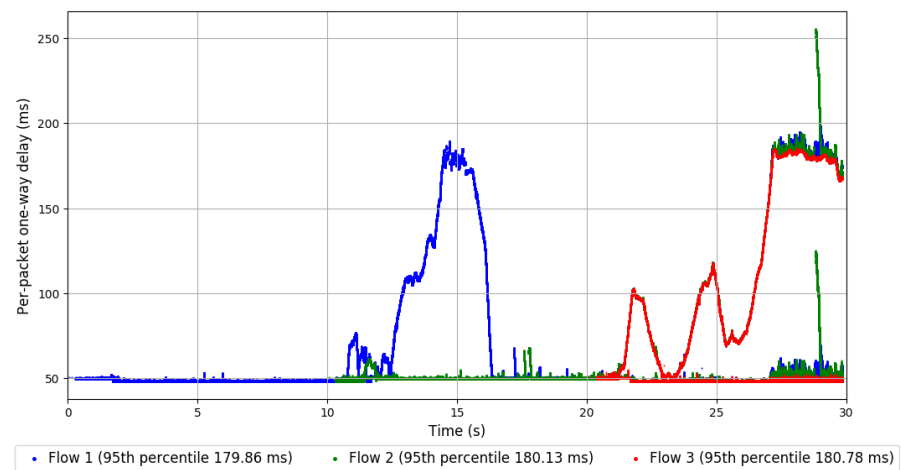
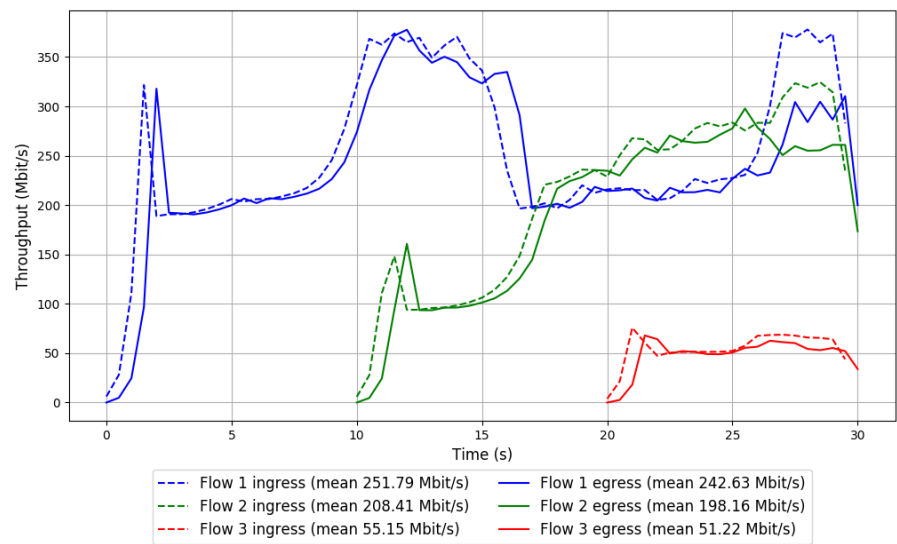


Run 10: Statistics of PCC-Expr

Start at: 2018-08-04 04:29:30
End at: 2018-08-04 04:30:00
Local clock offset: -0.423 ms
Remote clock offset: -0.089 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 390.93 Mbit/s
95th percentile per-packet one-way delay: 180.046 ms
Loss rate: 4.64%
-- Flow 1:
Average throughput: 242.63 Mbit/s
95th percentile per-packet one-way delay: 179.856 ms
Loss rate: 3.97%
-- Flow 2:
Average throughput: 198.16 Mbit/s
95th percentile per-packet one-way delay: 180.135 ms
Loss rate: 5.40%
-- Flow 3:
Average throughput: 51.22 Mbit/s
95th percentile per-packet one-way delay: 180.776 ms
Loss rate: 8.08%

Run 10: Report of PCC-Expr — Data Link

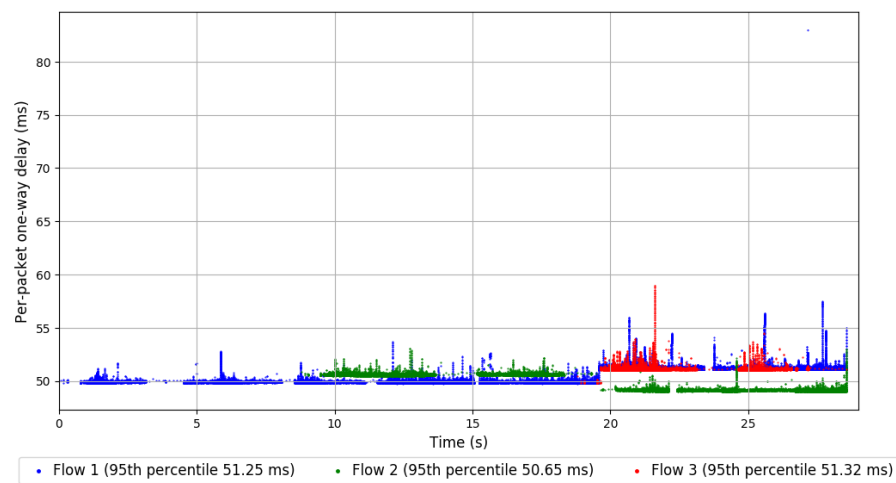
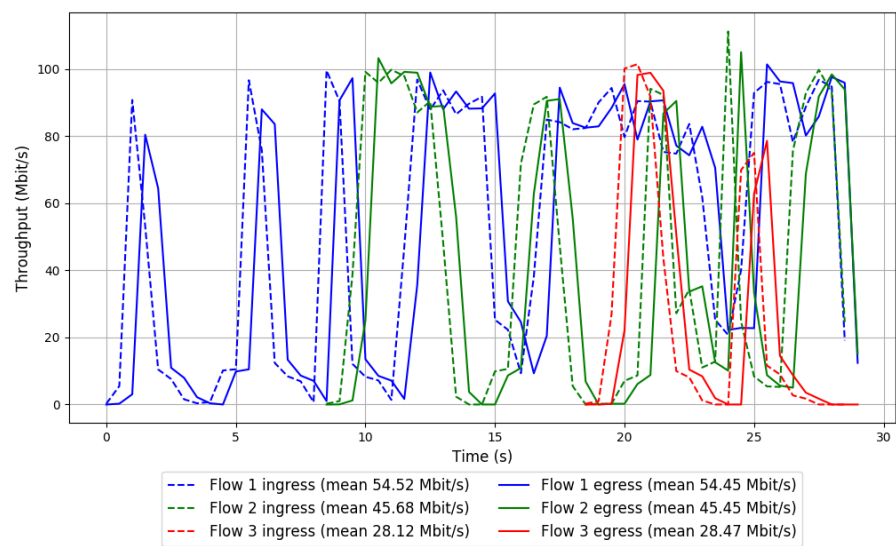


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-04 00:30:00
End at: 2018-08-04 00:30:30
Local clock offset: 0.405 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 51.224 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 54.45 Mbit/s
95th percentile per-packet one-way delay: 51.249 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 45.45 Mbit/s
95th percentile per-packet one-way delay: 50.646 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 28.47 Mbit/s
95th percentile per-packet one-way delay: 51.321 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

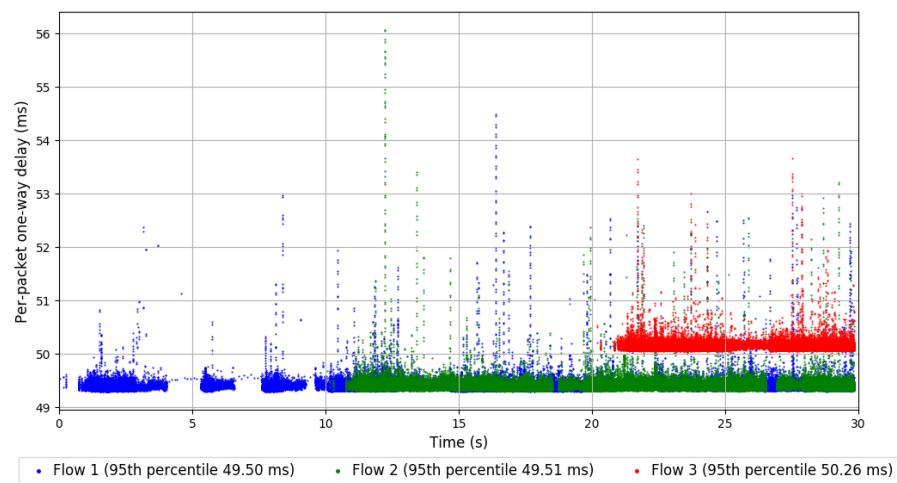
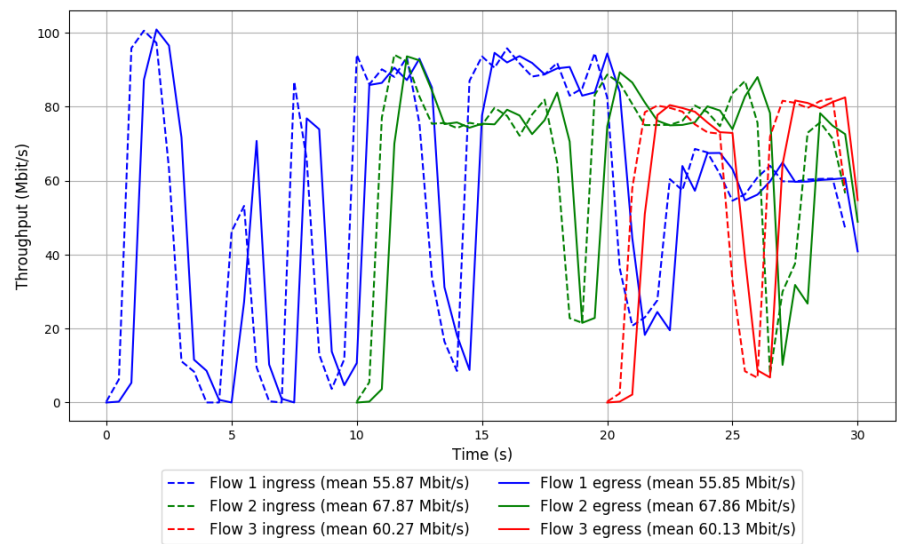


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-04 00:54:43
End at: 2018-08-04 00:55:13
Local clock offset: 0.112 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 120.58 Mbit/s
95th percentile per-packet one-way delay: 50.163 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 55.85 Mbit/s
95th percentile per-packet one-way delay: 49.497 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 67.86 Mbit/s
95th percentile per-packet one-way delay: 49.509 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 60.13 Mbit/s
95th percentile per-packet one-way delay: 50.259 ms
Loss rate: 0.92%

Run 2: Report of QUIC Cubic — Data Link

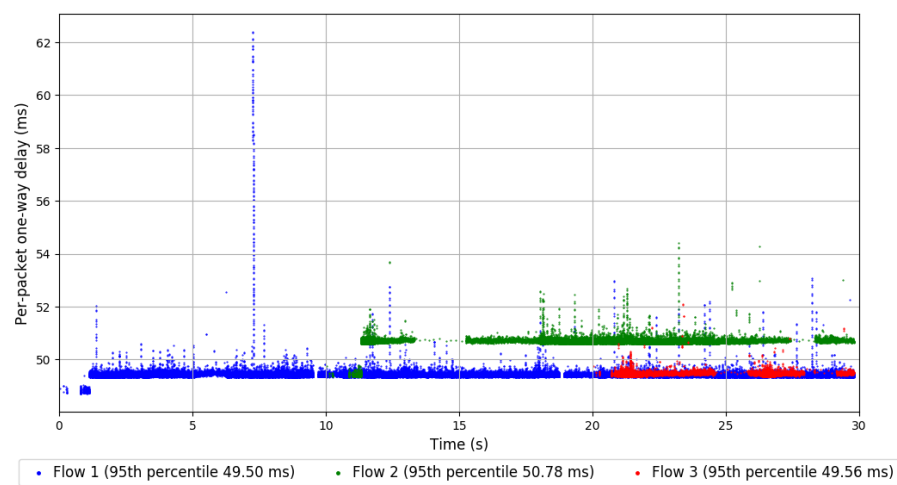
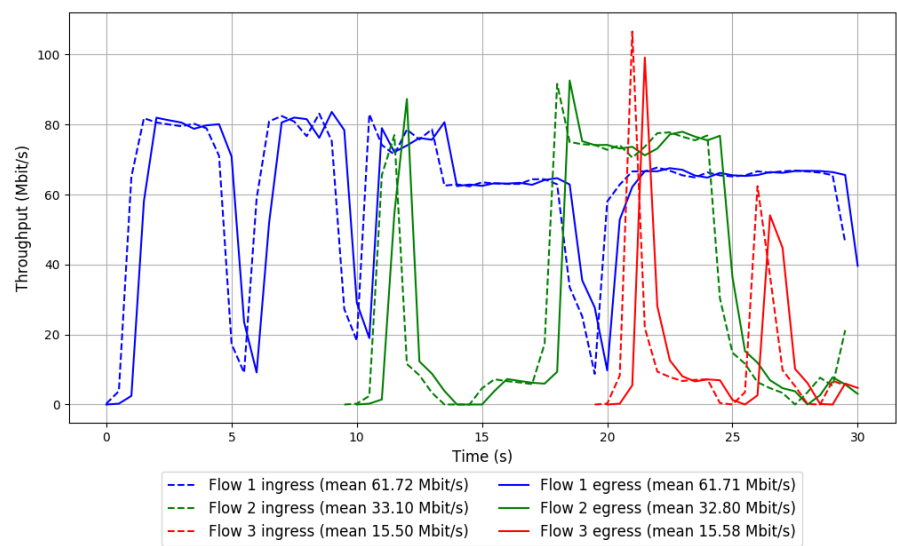


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-04 01:19:40
End at: 2018-08-04 01:20:10
Local clock offset: 0.163 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.63 Mbit/s
95th percentile per-packet one-way delay: 50.709 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 61.71 Mbit/s
95th percentile per-packet one-way delay: 49.500 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 32.80 Mbit/s
95th percentile per-packet one-way delay: 50.777 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 15.58 Mbit/s
95th percentile per-packet one-way delay: 49.565 ms
Loss rate: 0.50%

Run 3: Report of QUIC Cubic — Data Link

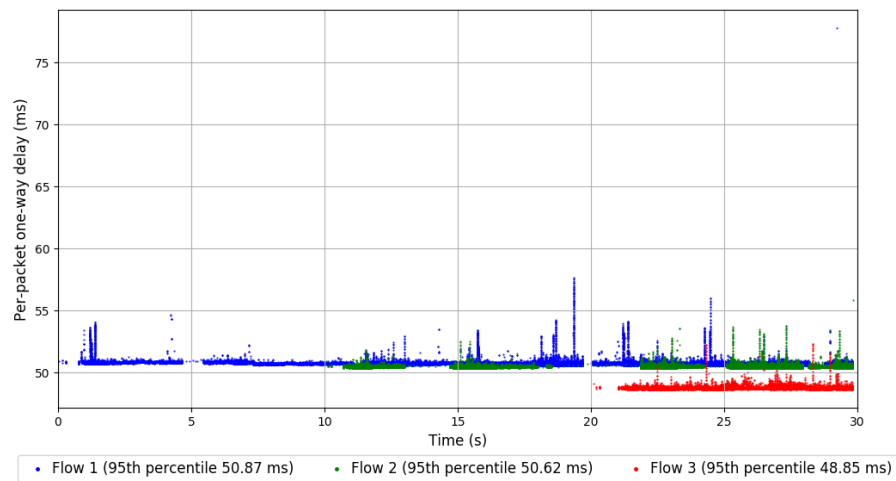
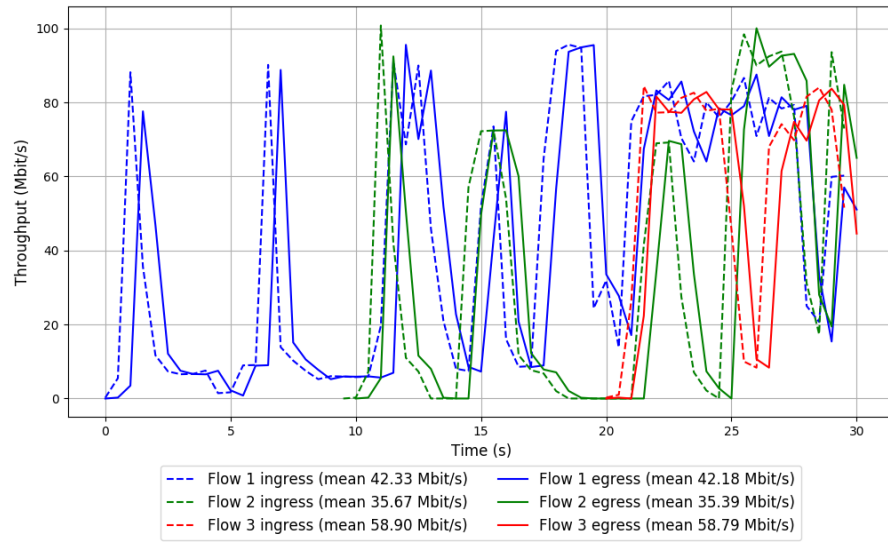


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-04 01:44:54
End at: 2018-08-04 01:45:24
Local clock offset: 0.149 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.89 Mbit/s
95th percentile per-packet one-way delay: 50.813 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 42.18 Mbit/s
95th percentile per-packet one-way delay: 50.866 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 35.39 Mbit/s
95th percentile per-packet one-way delay: 50.619 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 48.855 ms
Loss rate: 1.19%

Run 4: Report of QUIC Cubic — Data Link

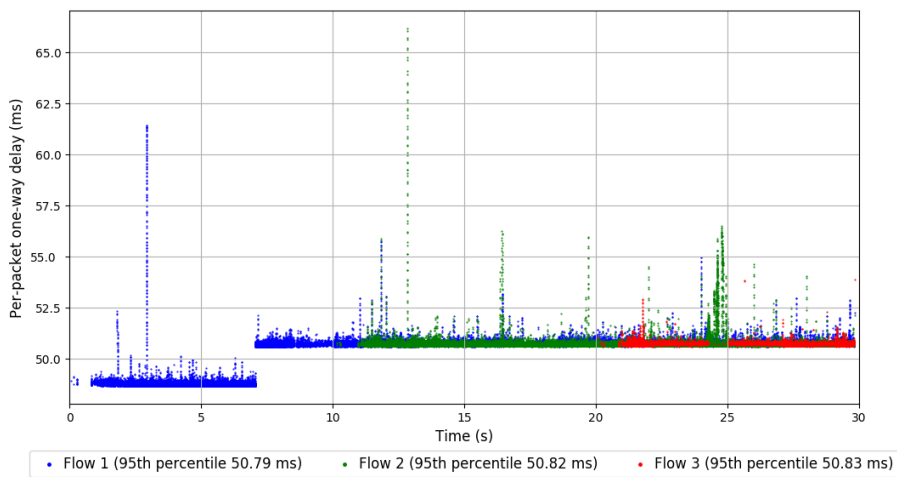
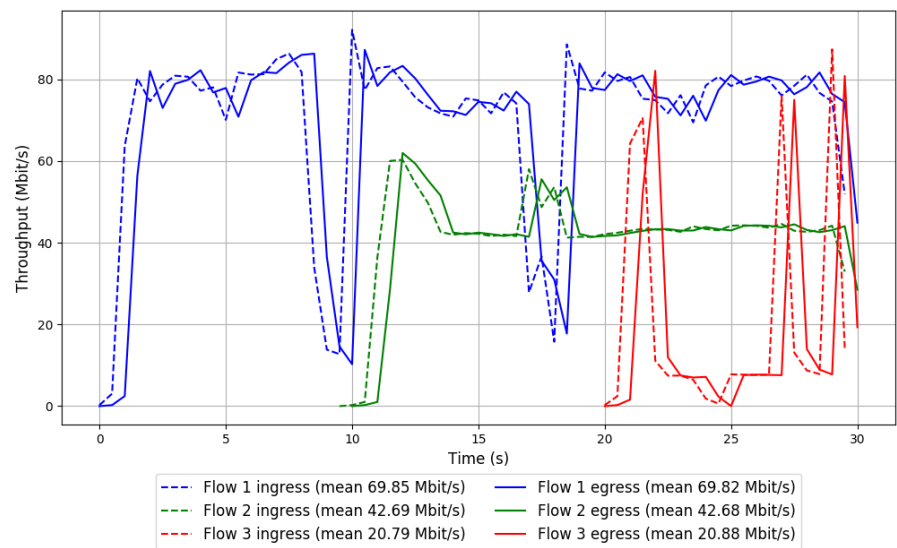


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-04 02:09:44
End at: 2018-08-04 02:10:14
Local clock offset: 0.139 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 105.03 Mbit/s
95th percentile per-packet one-way delay: 50.798 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 69.82 Mbit/s
95th percentile per-packet one-way delay: 50.786 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 42.68 Mbit/s
95th percentile per-packet one-way delay: 50.817 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 20.88 Mbit/s
95th percentile per-packet one-way delay: 50.832 ms
Loss rate: 0.55%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-08-04 02:34:39

End at: 2018-08-04 02:35:09

Local clock offset: 0.078 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-08-04 07:37:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.62 Mbit/s

95th percentile per-packet one-way delay: 50.737 ms

Loss rate: 0.51%

-- Flow 1:

Average throughput: 50.58 Mbit/s

95th percentile per-packet one-way delay: 50.607 ms

Loss rate: 0.44%

-- Flow 2:

Average throughput: 30.68 Mbit/s

95th percentile per-packet one-way delay: 50.846 ms

Loss rate: 0.00%

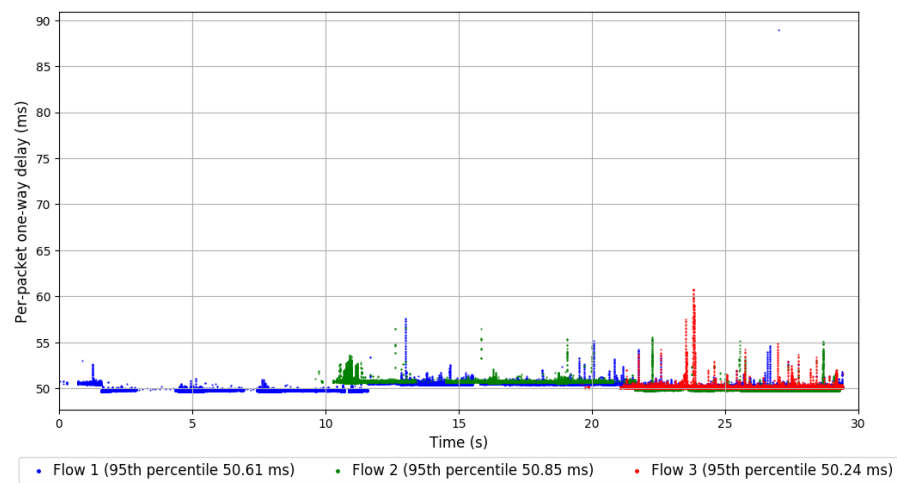
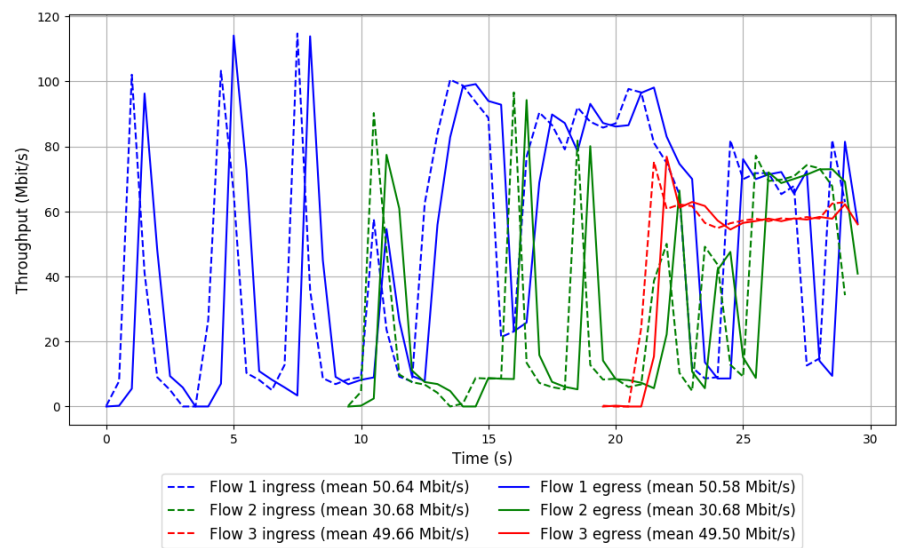
-- Flow 3:

Average throughput: 49.50 Mbit/s

95th percentile per-packet one-way delay: 50.240 ms

Loss rate: 1.32%

Run 6: Report of QUIC Cubic — Data Link

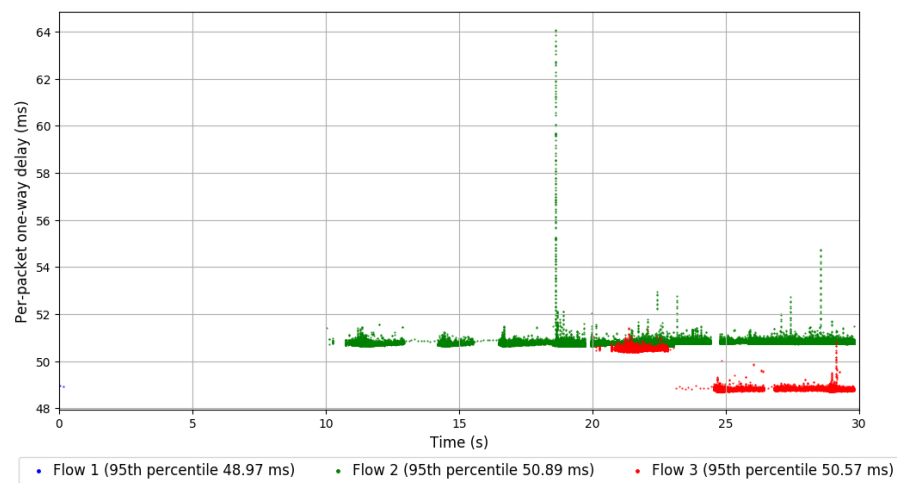
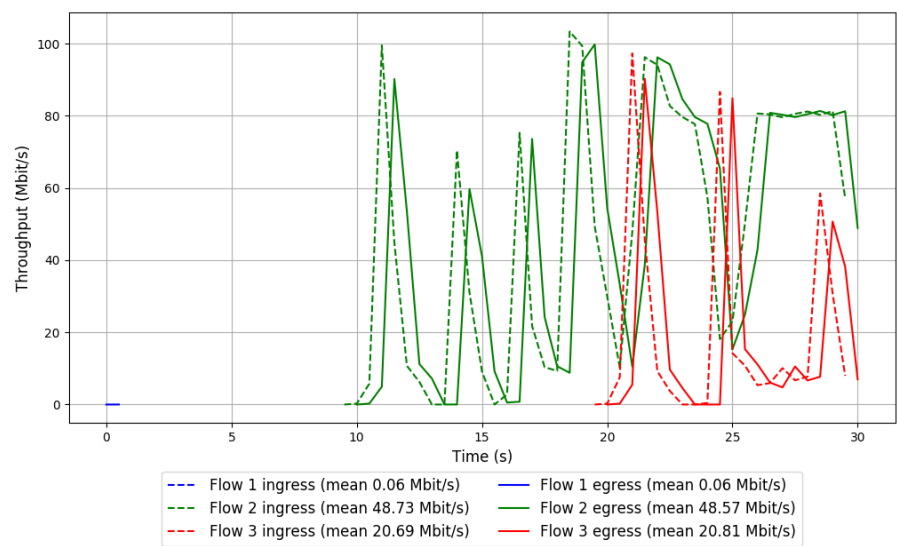


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-04 02:59:28
End at: 2018-08-04 02:59:58
Local clock offset: 0.106 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.11 Mbit/s
95th percentile per-packet one-way delay: 50.883 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 48.966 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.57 Mbit/s
95th percentile per-packet one-way delay: 50.894 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 20.81 Mbit/s
95th percentile per-packet one-way delay: 50.571 ms
Loss rate: 0.51%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-08-04 03:24:21

End at: 2018-08-04 03:24:51

Local clock offset: 0.053 ms

Remote clock offset: 0.055 ms

Below is generated by plot.py at 2018-08-04 07:37:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 116.47 Mbit/s

95th percentile per-packet one-way delay: 50.658 ms

Loss rate: 0.50%

-- Flow 1:

Average throughput: 63.21 Mbit/s

95th percentile per-packet one-way delay: 50.482 ms

Loss rate: 0.42%

-- Flow 2:

Average throughput: 50.29 Mbit/s

95th percentile per-packet one-way delay: 48.808 ms

Loss rate: 0.51%

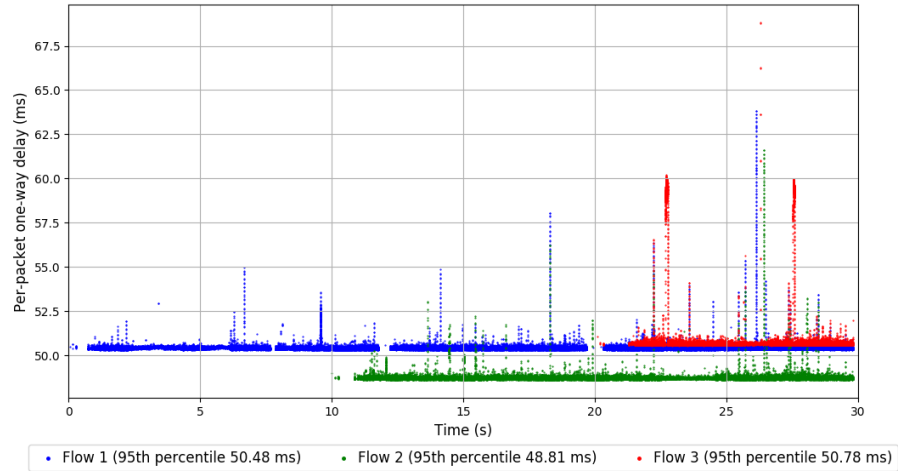
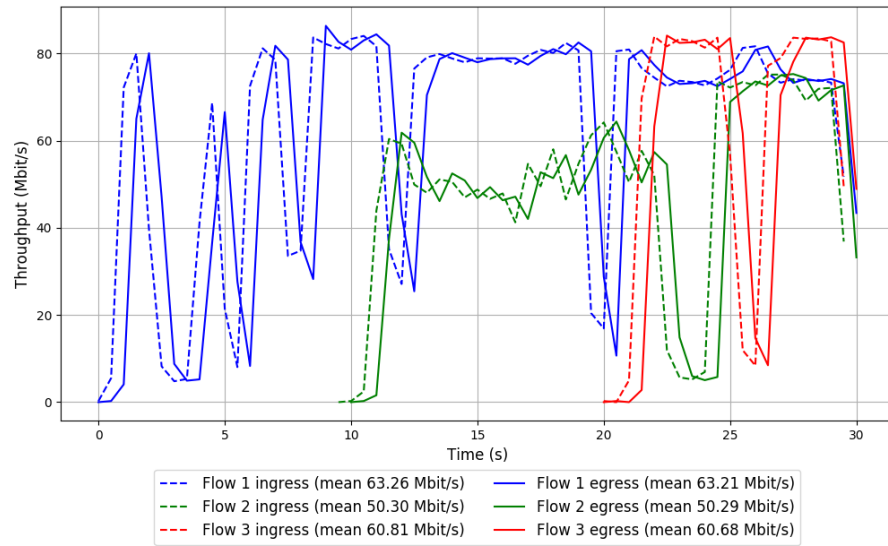
-- Flow 3:

Average throughput: 60.68 Mbit/s

95th percentile per-packet one-way delay: 50.783 ms

Loss rate: 0.76%

Run 8: Report of QUIC Cubic — Data Link

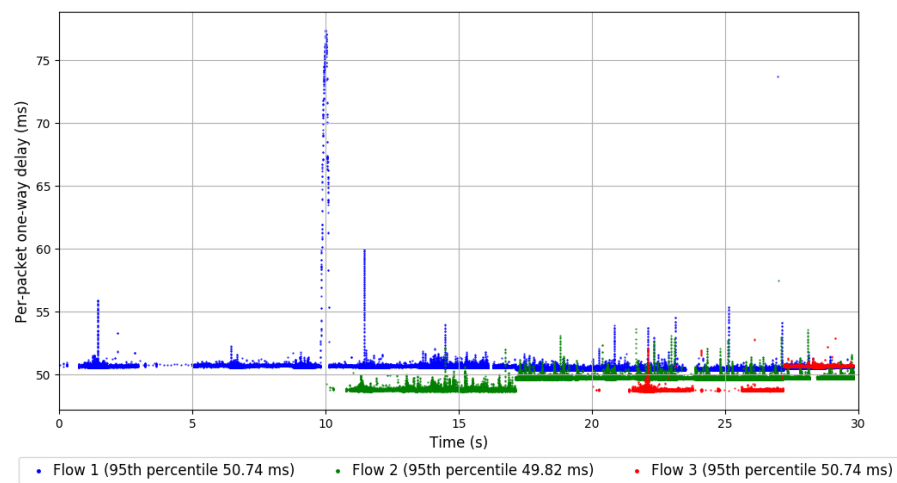
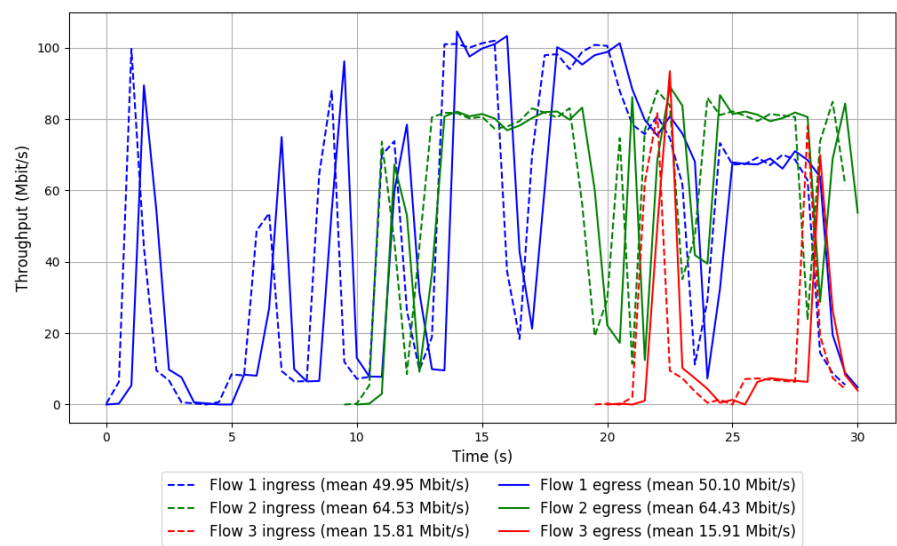


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-04 03:49:04
End at: 2018-08-04 03:49:34
Local clock offset: 0.05 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 98.11 Mbit/s
95th percentile per-packet one-way delay: 50.703 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 50.742 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 64.43 Mbit/s
95th percentile per-packet one-way delay: 49.821 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 15.91 Mbit/s
95th percentile per-packet one-way delay: 50.738 ms
Loss rate: 0.35%

Run 9: Report of QUIC Cubic — Data Link

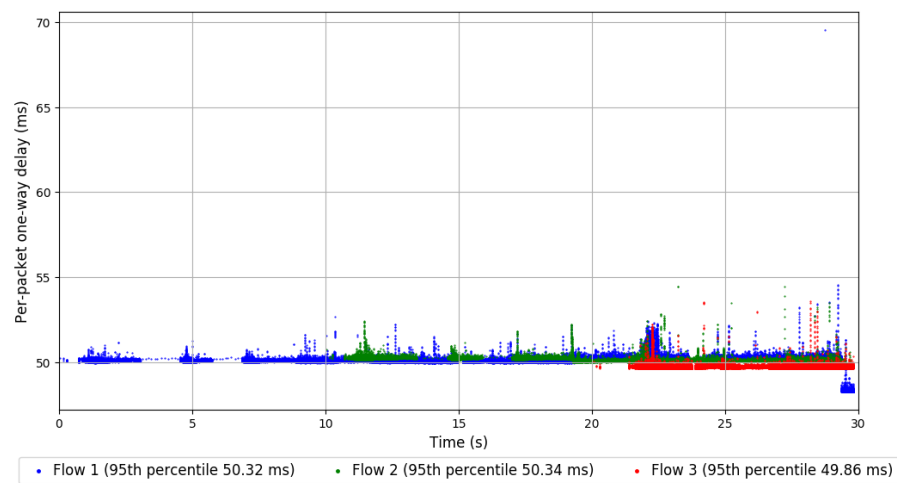
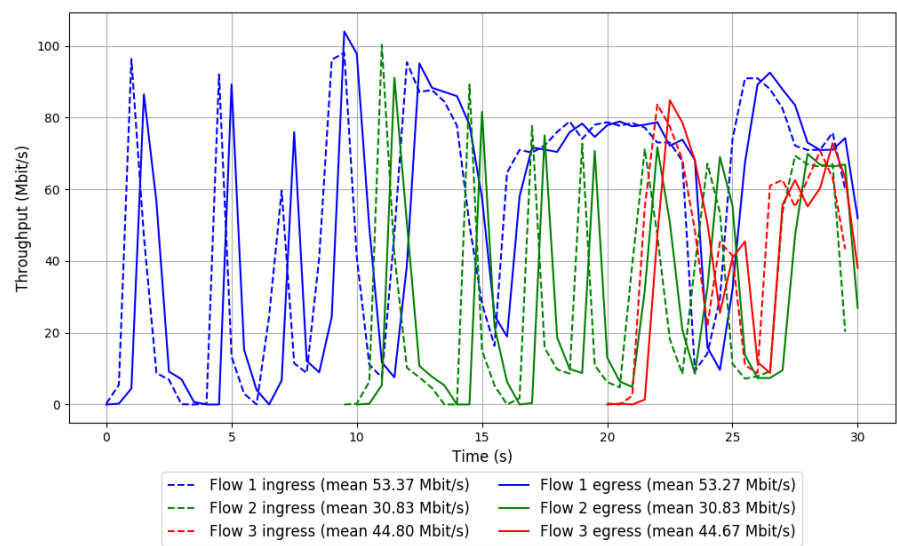


Run 10: Statistics of QUIC Cubic

Start at: 2018-08-04 04:13:52
End at: 2018-08-04 04:14:22
Local clock offset: -0.393 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.26 Mbit/s
95th percentile per-packet one-way delay: 50.316 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 53.27 Mbit/s
95th percentile per-packet one-way delay: 50.323 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 50.336 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.67 Mbit/s
95th percentile per-packet one-way delay: 49.857 ms
Loss rate: 1.30%

Run 10: Report of QUIC Cubic — Data Link

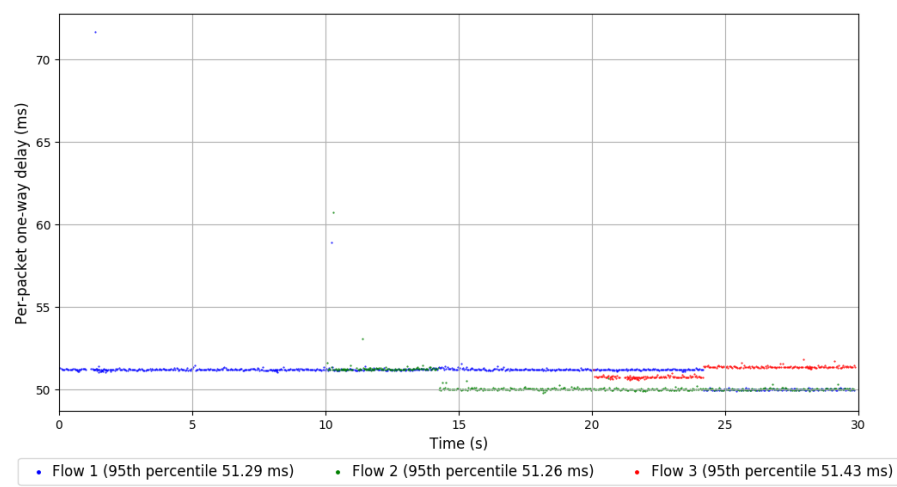
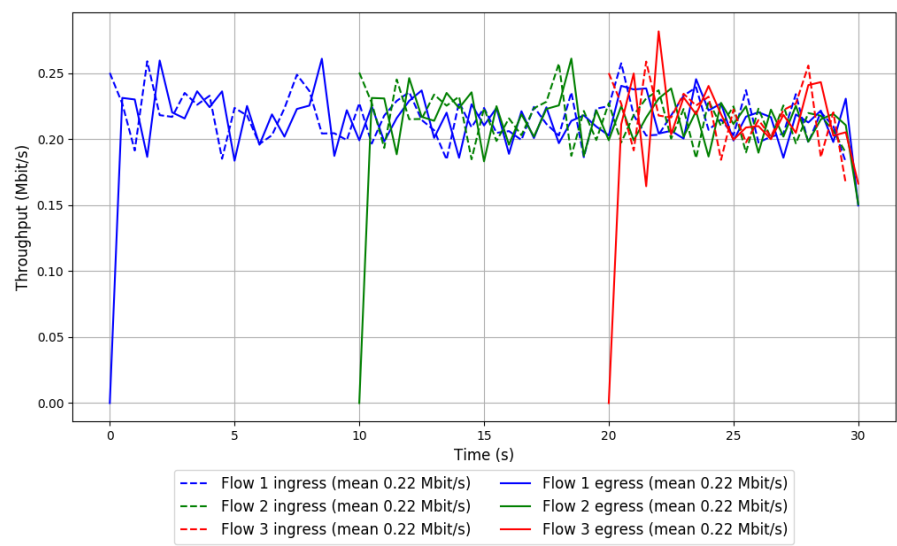


Run 1: Statistics of SReAM

Start at: 2018-08-04 00:38:37
End at: 2018-08-04 00:39:07
Local clock offset: 0.45 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 51.364 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.286 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.259 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.430 ms
Loss rate: 0.73%

Run 1: Report of SReAM — Data Link

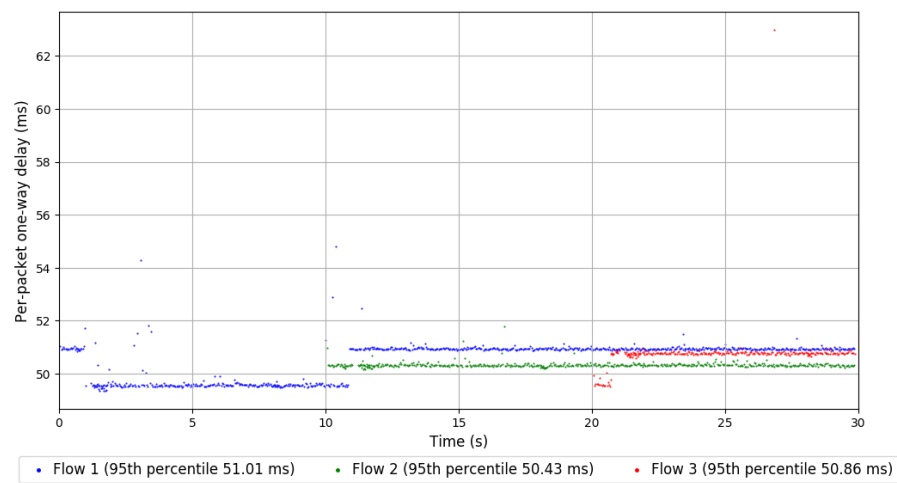
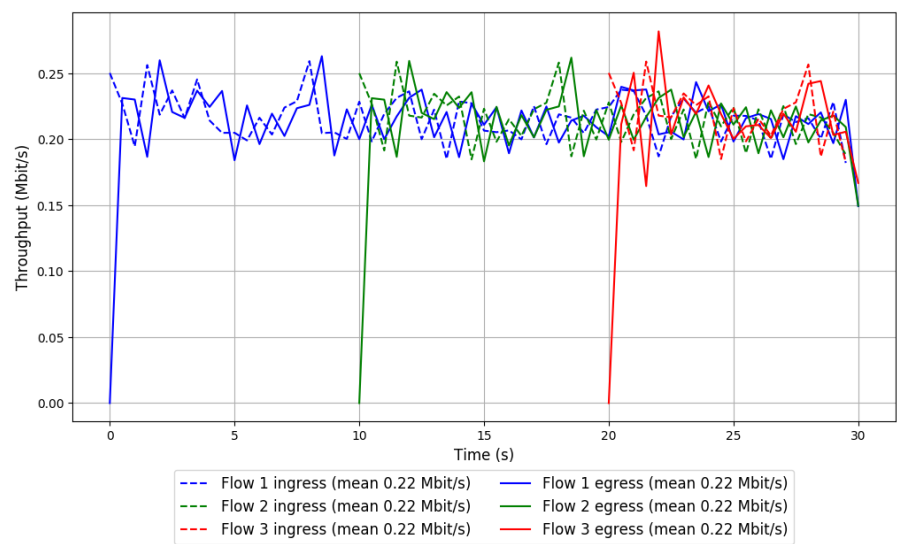


Run 2: Statistics of SReAM

Start at: 2018-08-04 01:03:20
End at: 2018-08-04 01:03:50
Local clock offset: 0.146 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.977 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.005 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.432 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.856 ms
Loss rate: 1.09%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SReAM

Start at: 2018-08-04 01:28:26

End at: 2018-08-04 01:28:56

Local clock offset: 0.14 ms

Remote clock offset: 0.01 ms

Below is generated by plot.py at 2018-08-04 07:37:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 50.381 ms

Loss rate: 0.52%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.379 ms

Loss rate: 0.38%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.470 ms

Loss rate: 0.61%

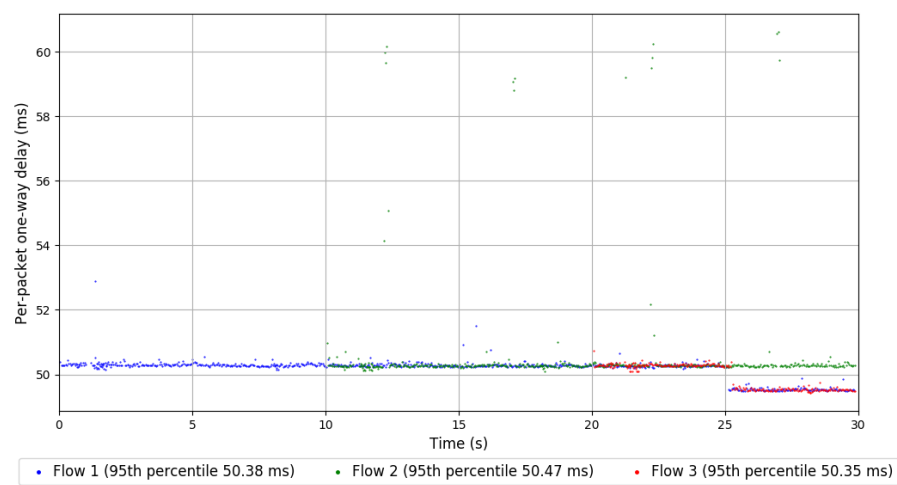
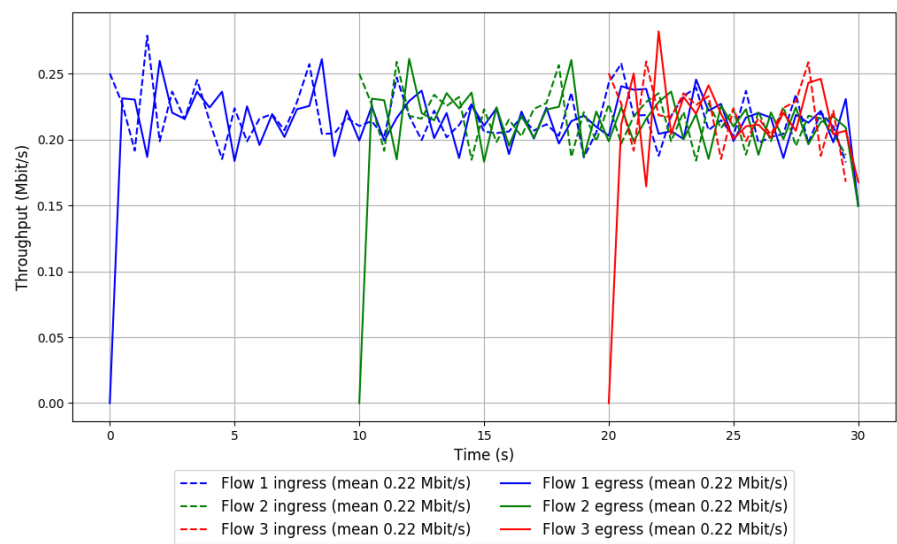
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.347 ms

Loss rate: 0.74%

Run 3: Report of SReAM — Data Link

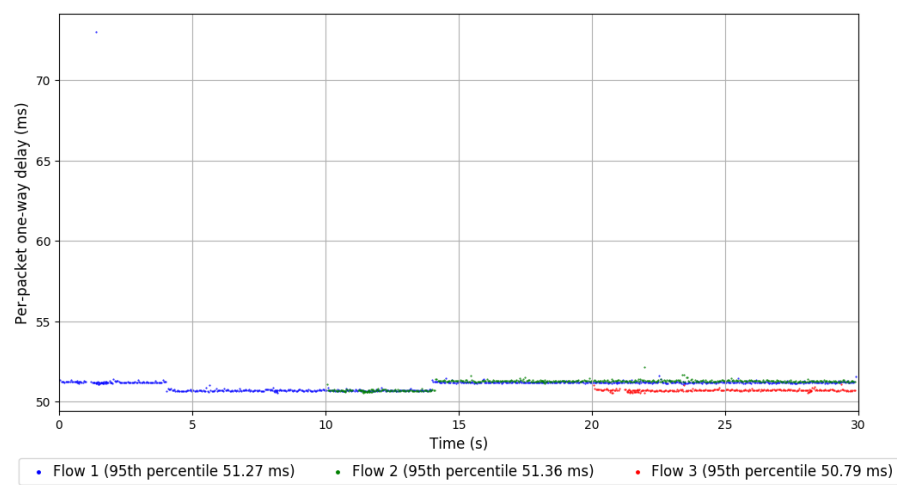
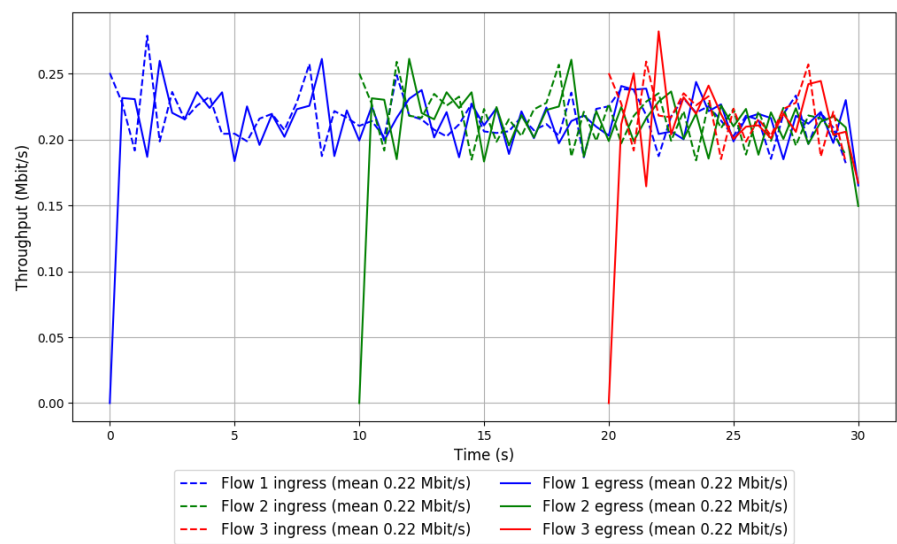


Run 4: Statistics of SReAM

Start at: 2018-08-04 01:53:27
End at: 2018-08-04 01:53:57
Local clock offset: 0.483 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 51.327 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.271 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.361 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.793 ms
Loss rate: 1.09%

Run 4: Report of SReAM — Data Link

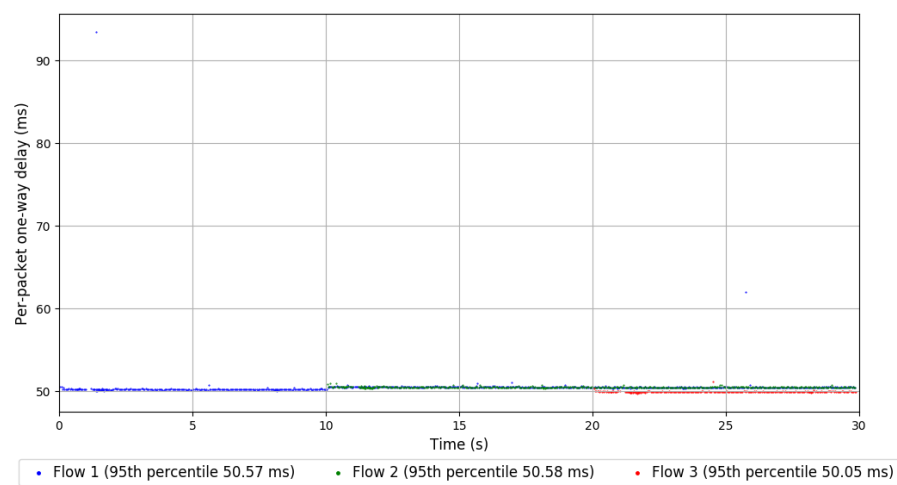
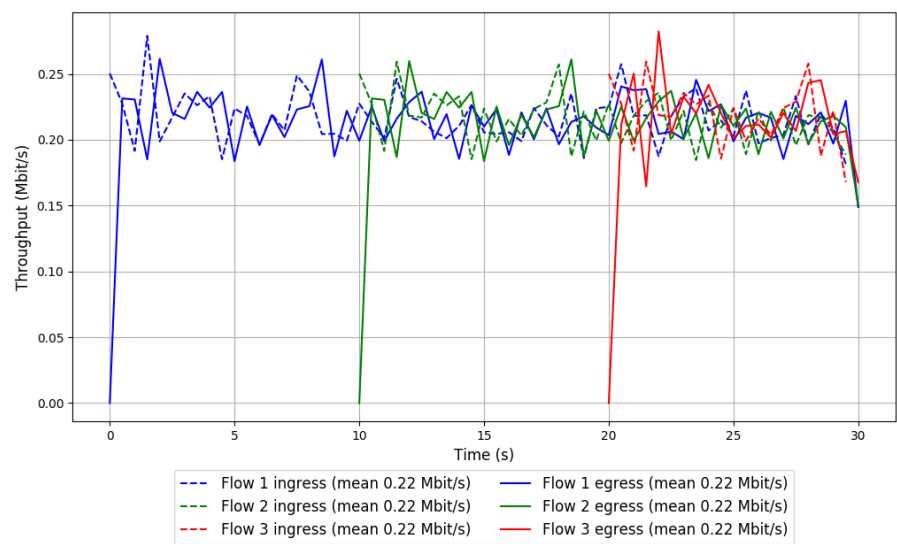


Run 5: Statistics of SReAM

Start at: 2018-08-04 02:18:21
End at: 2018-08-04 02:18:51
Local clock offset: -0.237 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.568 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.574 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.582 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.045 ms
Loss rate: 0.74%

Run 5: Report of SReAM — Data Link

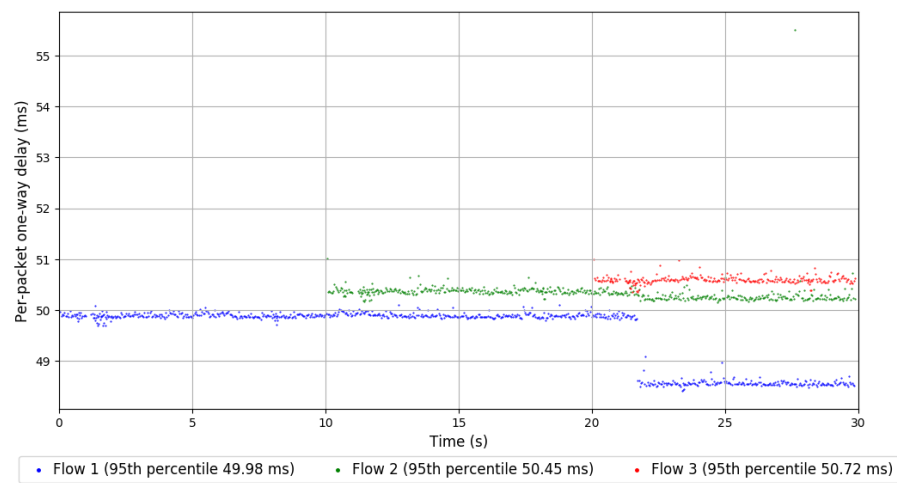
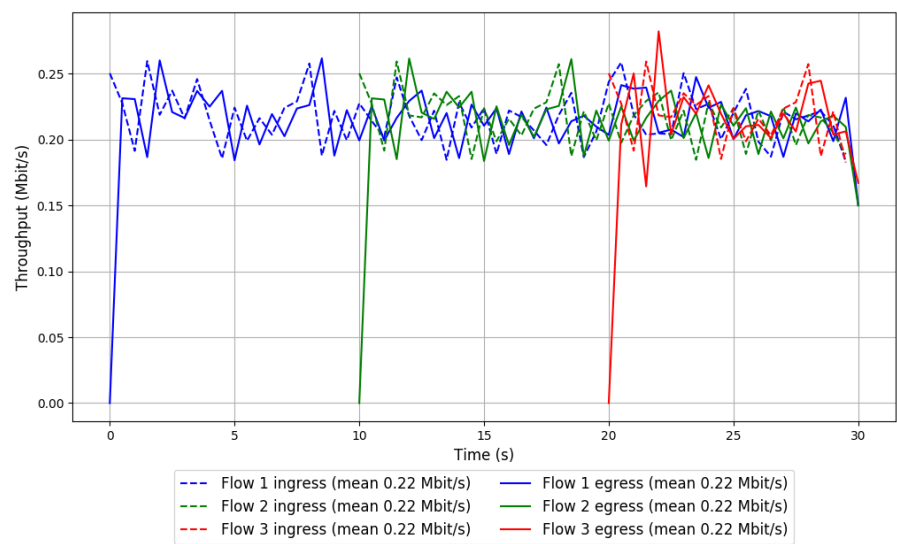


Run 6: Statistics of SReAM

Start at: 2018-08-04 02:43:20
End at: 2018-08-04 02:43:50
Local clock offset: -0.306 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.619 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.976 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.448 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.718 ms
Loss rate: 1.08%

Run 6: Report of SReAM — Data Link

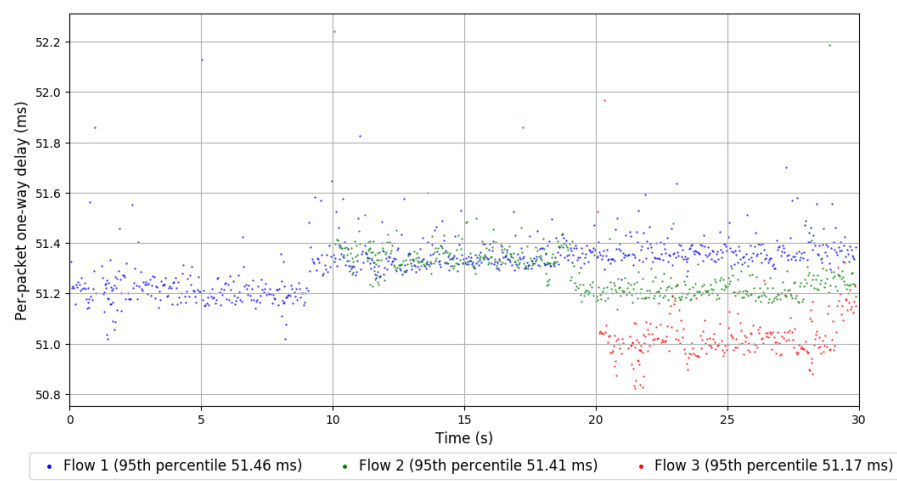
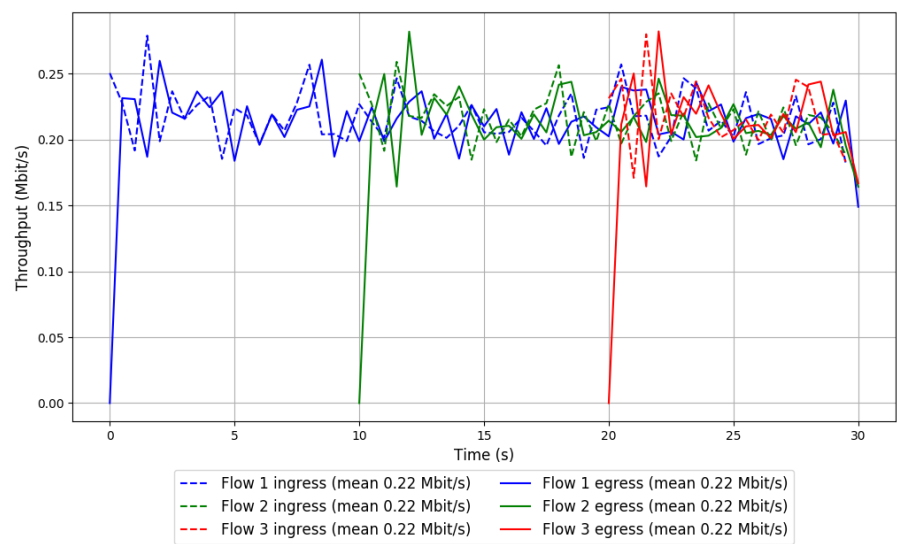


Run 7: Statistics of SReAM

Start at: 2018-08-04 03:08:12
End at: 2018-08-04 03:08:42
Local clock offset: 0.435 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 51.428 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.459 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.408 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.171 ms
Loss rate: 0.73%

Run 7: Report of SReAM — Data Link

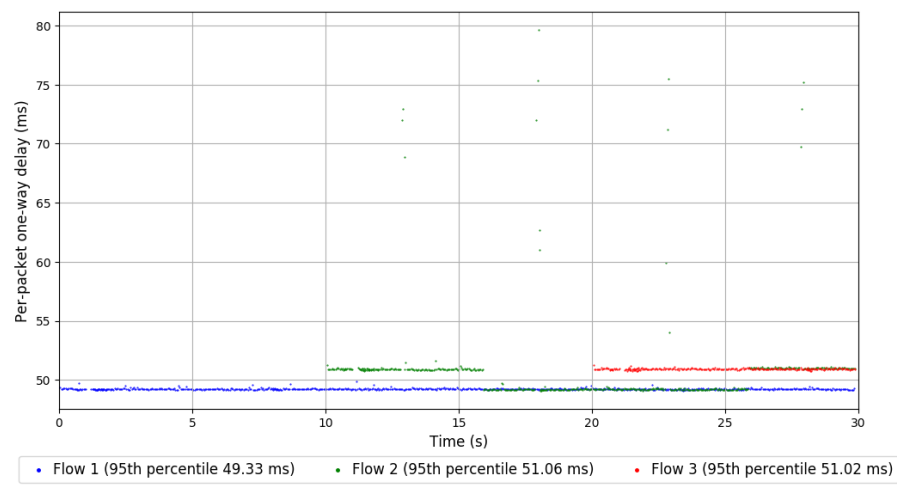
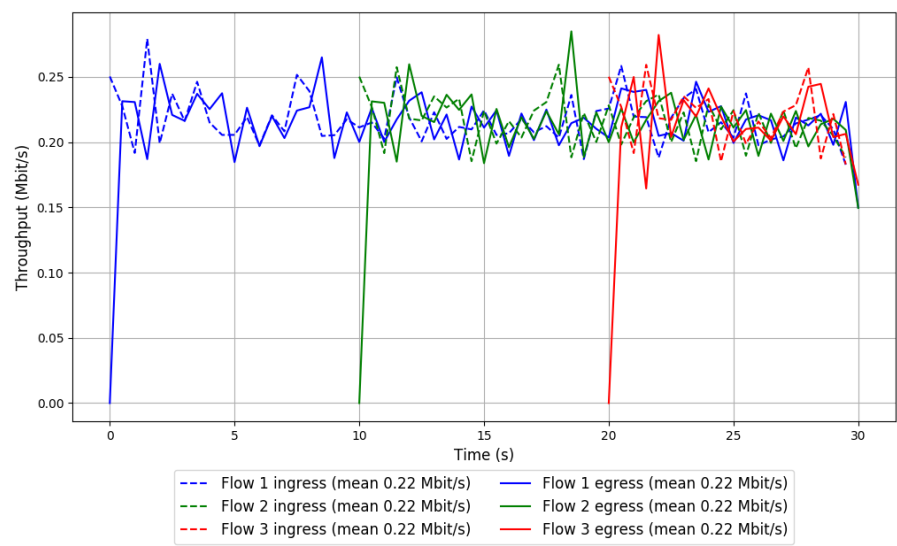


Run 8: Statistics of SReAM

Start at: 2018-08-04 03:32:56
End at: 2018-08-04 03:33:26
Local clock offset: 0.394 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 51.010 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.328 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.061 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.025 ms
Loss rate: 1.09%

Run 8: Report of SReAM — Data Link

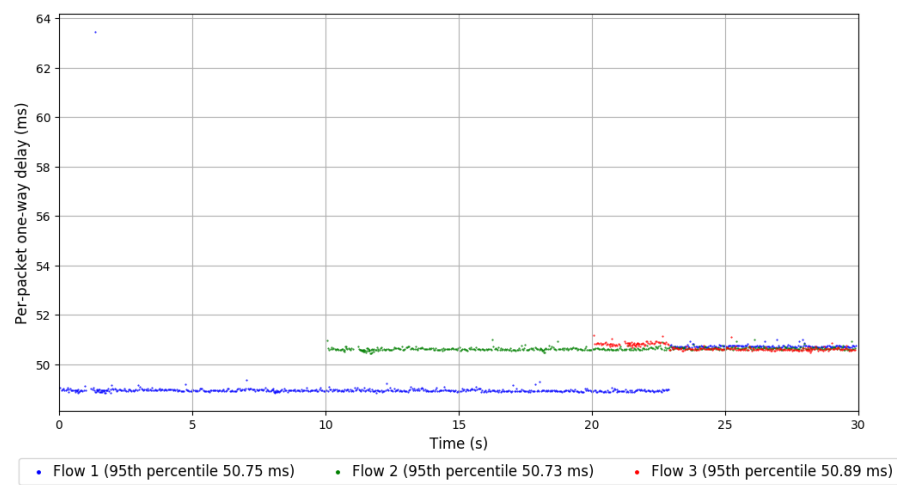
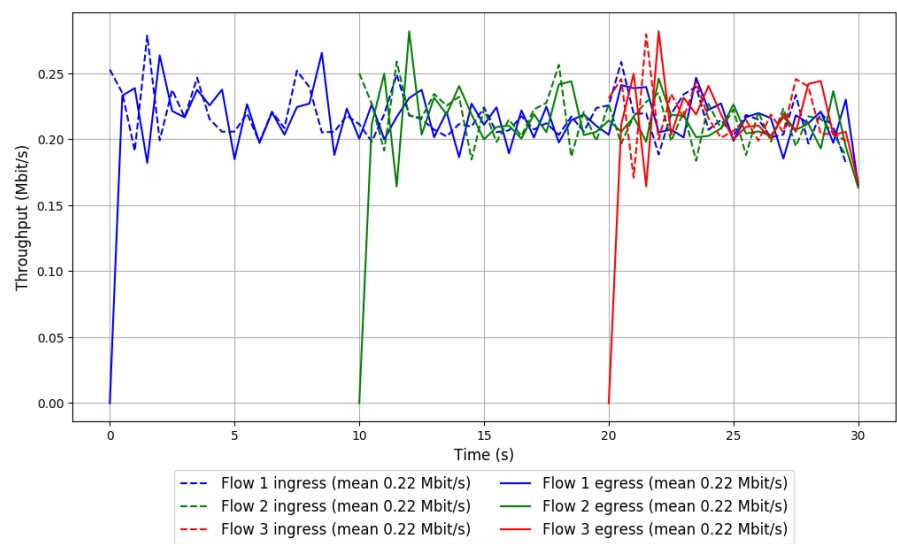


Run 9: Statistics of SReAM

Start at: 2018-08-04 03:57:39
End at: 2018-08-04 03:58:09
Local clock offset: 0.045 ms
Remote clock offset: -0.111 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.810 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.753 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.728 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.887 ms
Loss rate: 1.09%

Run 9: Report of SCReAM — Data Link

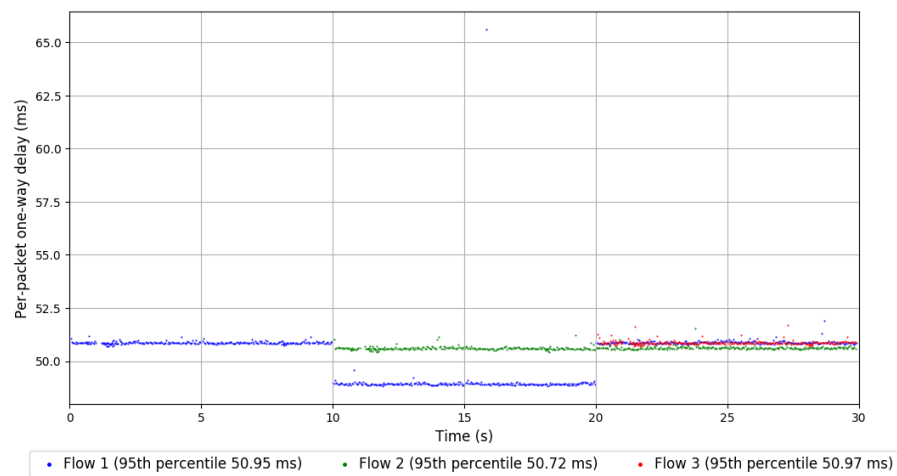
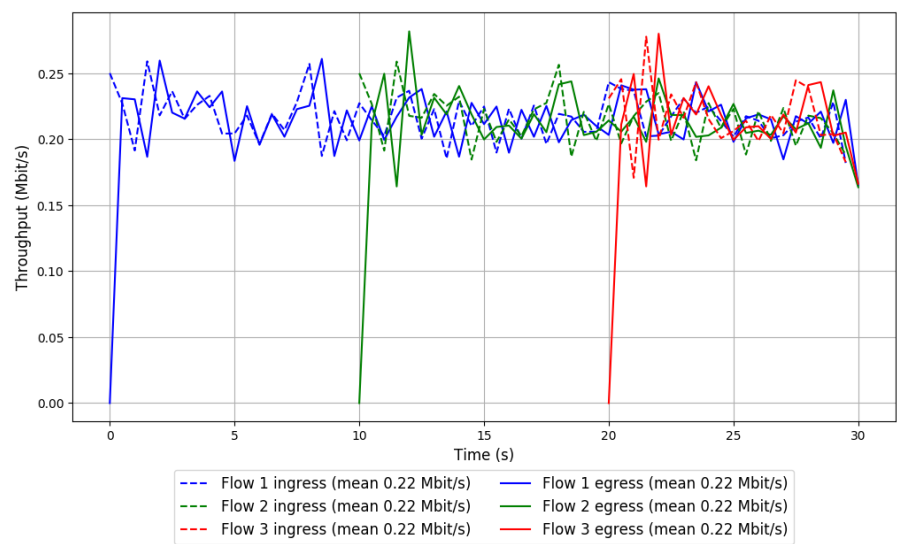


Run 10: Statistics of SReAM

Start at: 2018-08-04 04:22:31
End at: 2018-08-04 04:23:01
Local clock offset: -0.001 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.943 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.947 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.716 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.974 ms
Loss rate: 0.73%

Run 10: Report of SReAM — Data Link

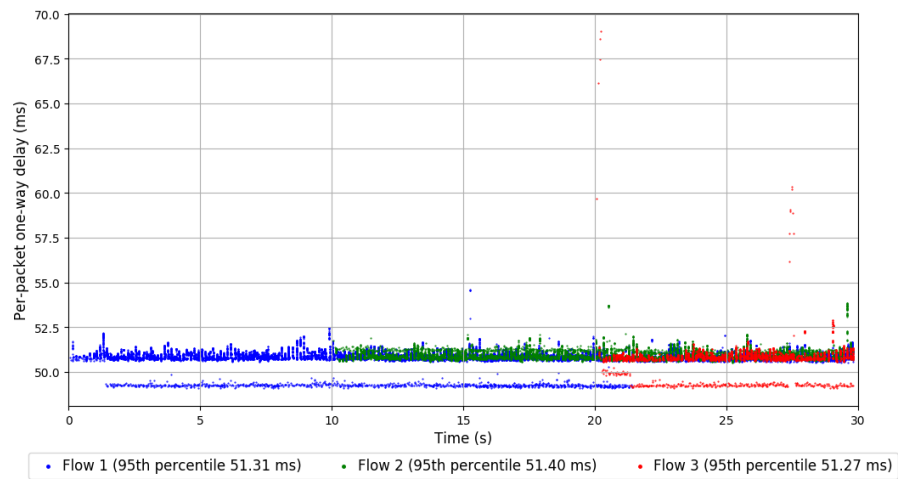
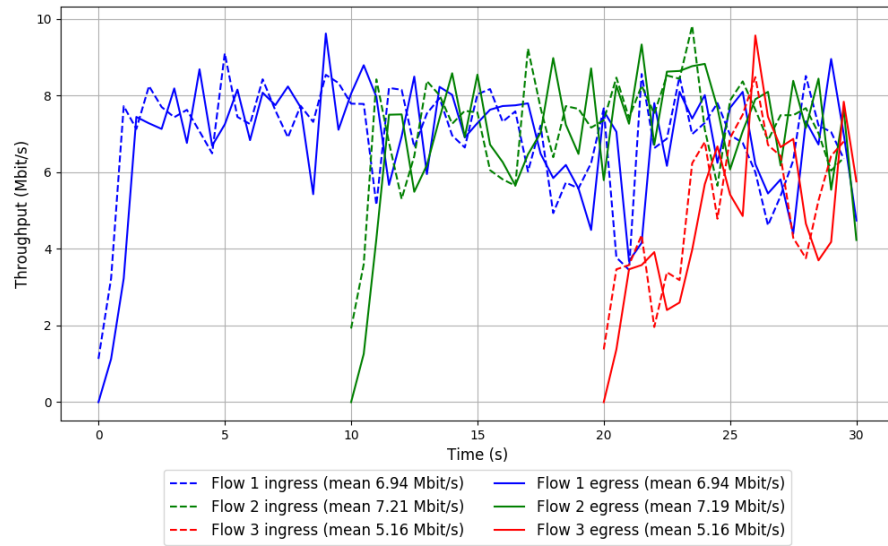


Run 1: Statistics of Sprout

Start at: 2018-08-04 00:42:50
End at: 2018-08-04 00:43:20
Local clock offset: 0.453 ms
Remote clock offset: -0.131 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 51.334 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 51.308 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 7.19 Mbit/s
95th percentile per-packet one-way delay: 51.402 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: 51.272 ms
Loss rate: 1.03%

Run 1: Report of Sprout — Data Link

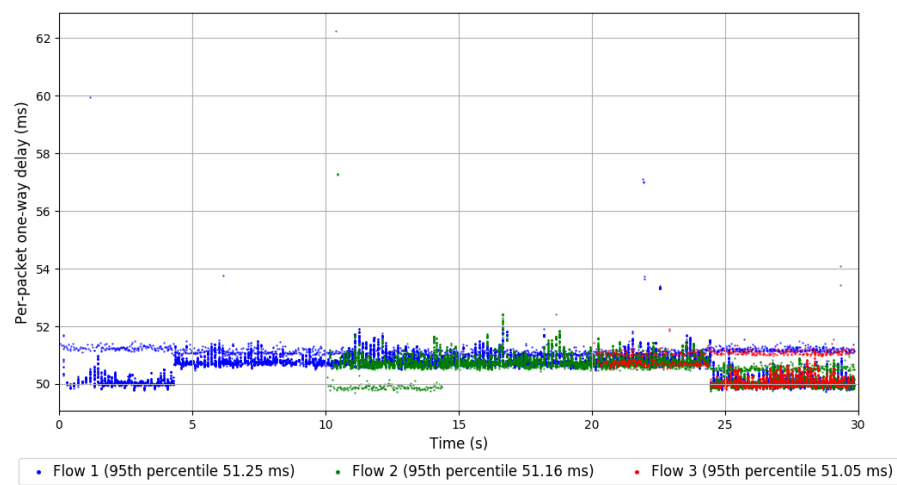
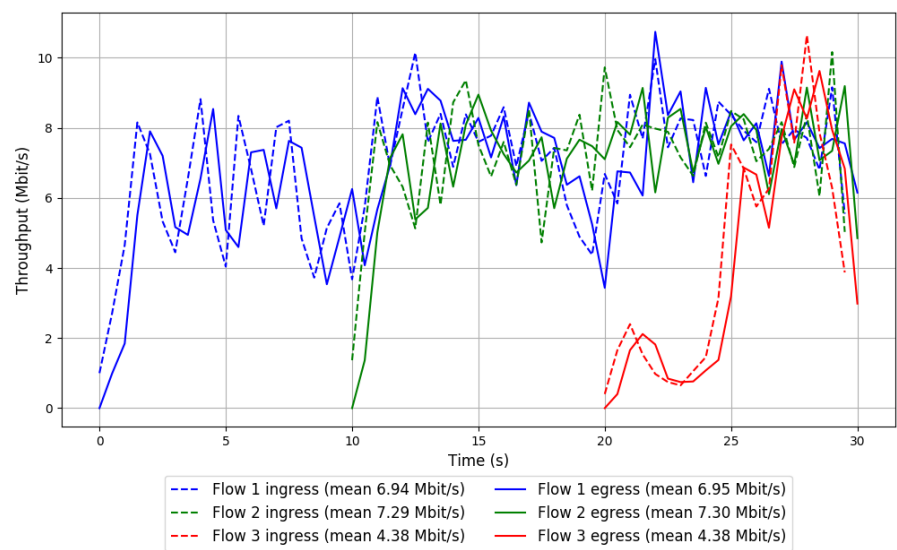


Run 2: Statistics of Sprout

Start at: 2018-08-04 01:07:37
End at: 2018-08-04 01:08:07
Local clock offset: 0.512 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.22 Mbit/s
95th percentile per-packet one-way delay: 51.214 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 6.95 Mbit/s
95th percentile per-packet one-way delay: 51.252 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 51.164 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 51.046 ms
Loss rate: 1.48%

Run 2: Report of Sprout — Data Link

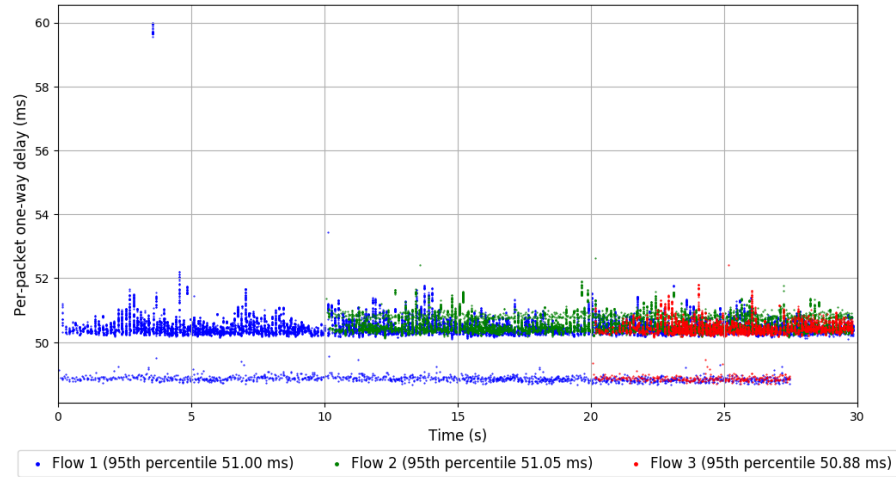
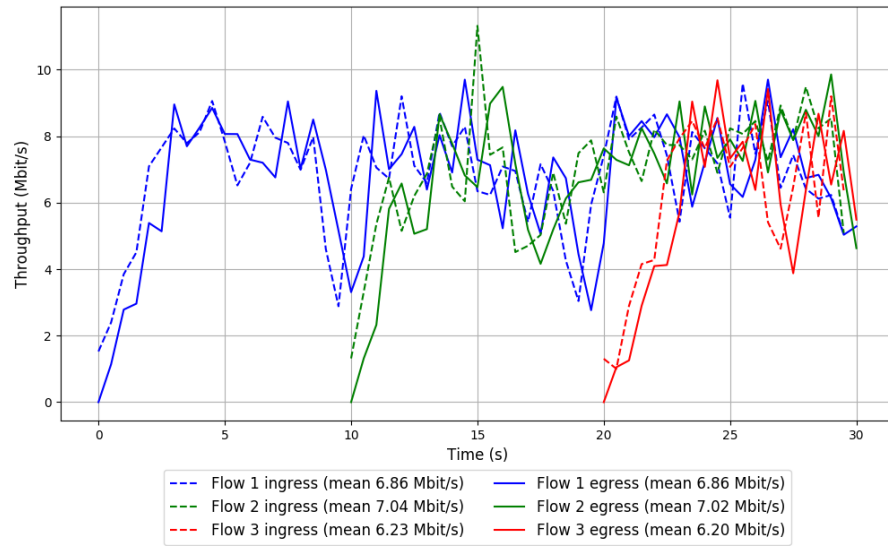


Run 3: Statistics of Sprout

Start at: 2018-08-04 01:32:44
End at: 2018-08-04 01:33:14
Local clock offset: 0.148 ms
Remote clock offset: -0.026 ms

```
# Below is generated by plot.py at 2018-08-04 07:37:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.55 Mbit/s
95th percentile per-packet one-way delay: 51.005 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 6.86 Mbit/s
95th percentile per-packet one-way delay: 50.998 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 7.02 Mbit/s
95th percentile per-packet one-way delay: 51.047 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 6.20 Mbit/s
95th percentile per-packet one-way delay: 50.880 ms
Loss rate: 1.55%
```


Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-08-04 01:57:41

End at: 2018-08-04 01:58:11

Local clock offset: 0.14 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2018-08-04 07:37:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.22 Mbit/s

95th percentile per-packet one-way delay: 50.722 ms

Loss rate: 0.60%

-- Flow 1:

Average throughput: 7.29 Mbit/s

95th percentile per-packet one-way delay: 50.717 ms

Loss rate: 0.35%

-- Flow 2:

Average throughput: 5.85 Mbit/s

95th percentile per-packet one-way delay: 50.741 ms

Loss rate: 0.96%

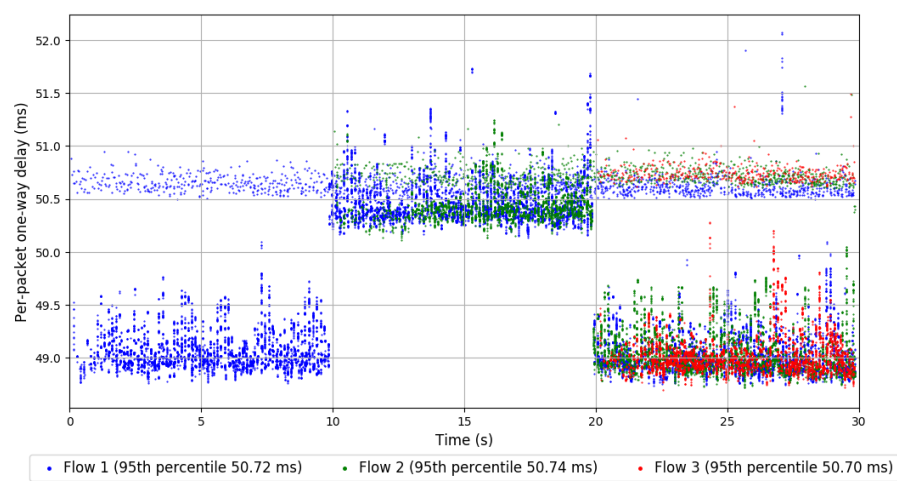
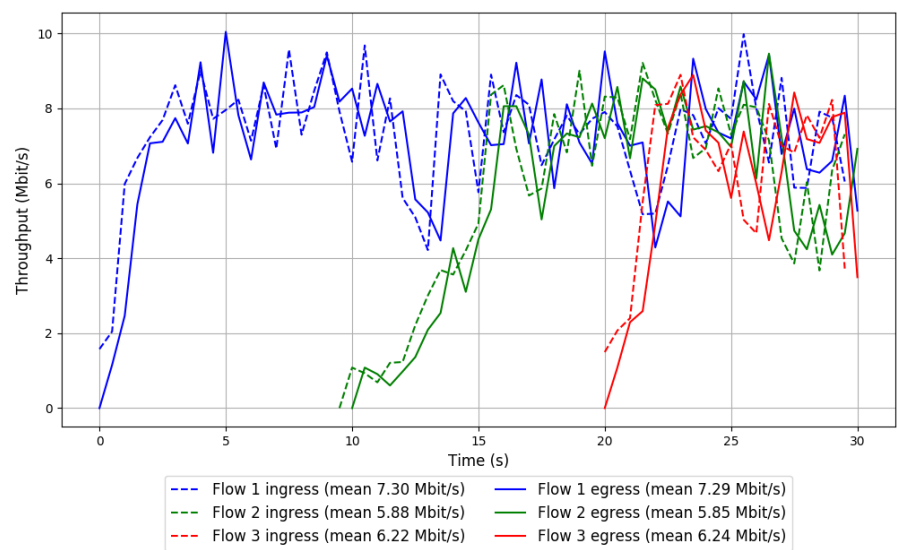
-- Flow 3:

Average throughput: 6.24 Mbit/s

95th percentile per-packet one-way delay: 50.705 ms

Loss rate: 0.80%

Run 4: Report of Sprout — Data Link

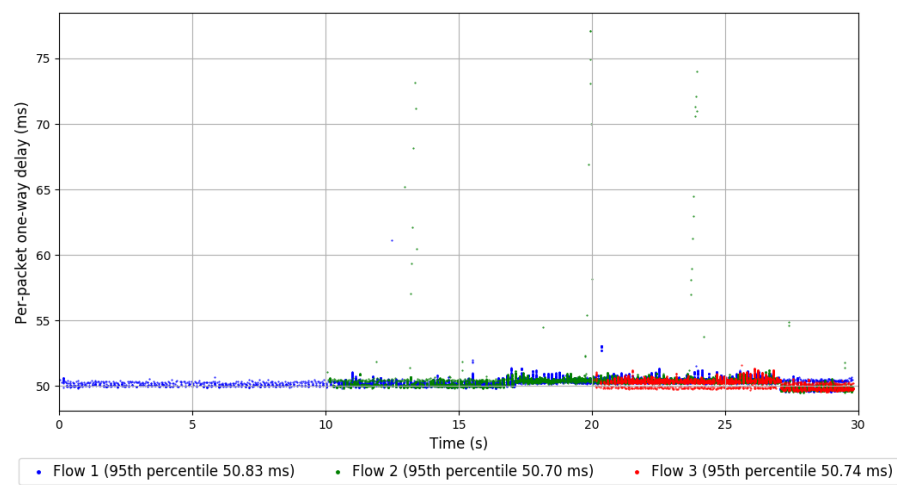
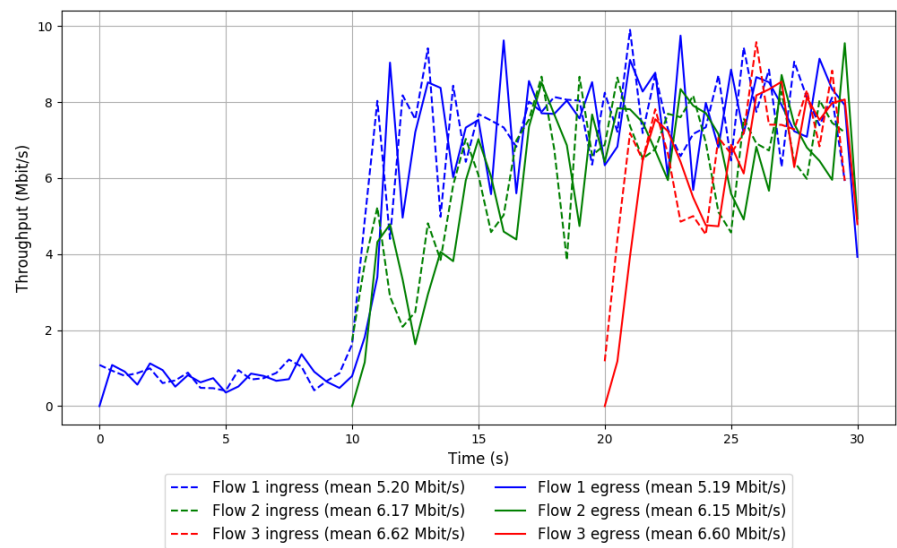


Run 5: Statistics of Sprout

Start at: 2018-08-04 02:22:34
End at: 2018-08-04 02:23:04
Local clock offset: -0.243 ms
Remote clock offset: -0.087 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.43 Mbit/s
95th percentile per-packet one-way delay: 50.774 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 50.830 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 6.15 Mbit/s
95th percentile per-packet one-way delay: 50.699 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 6.60 Mbit/s
95th percentile per-packet one-way delay: 50.744 ms
Loss rate: 1.48%

Run 5: Report of Sprout — Data Link

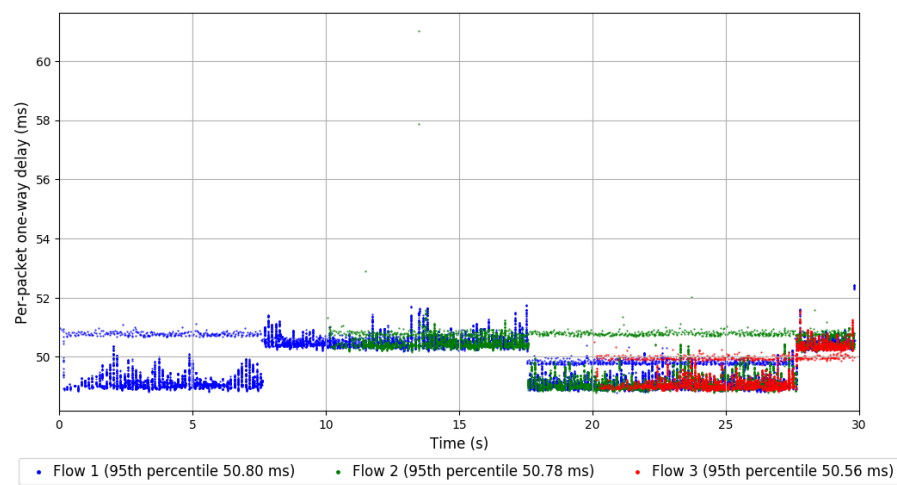
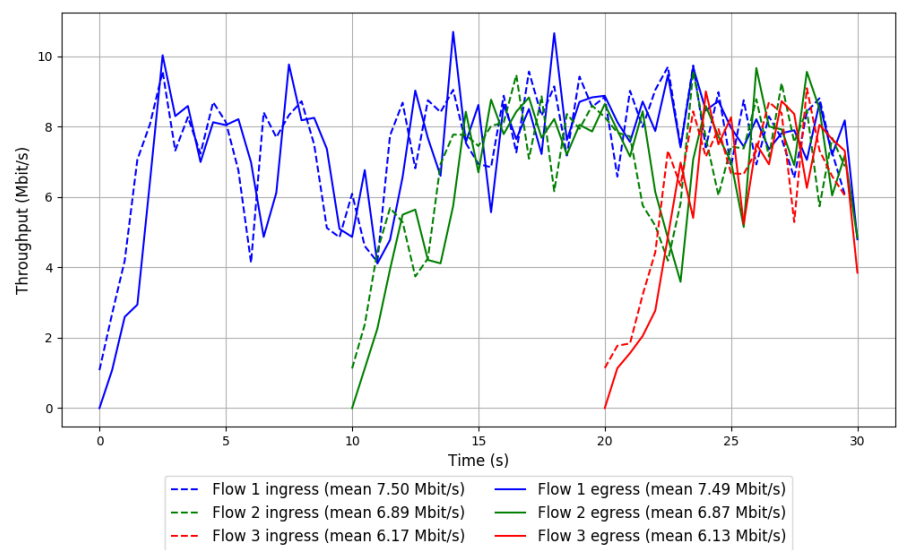


Run 6: Statistics of Sprout

Start at: 2018-08-04 02:47:34
End at: 2018-08-04 02:48:04
Local clock offset: 0.11 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 50.776 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 7.49 Mbit/s
95th percentile per-packet one-way delay: 50.802 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 6.87 Mbit/s
95th percentile per-packet one-way delay: 50.785 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 6.13 Mbit/s
95th percentile per-packet one-way delay: 50.563 ms
Loss rate: 1.81%

Run 6: Report of Sprout — Data Link

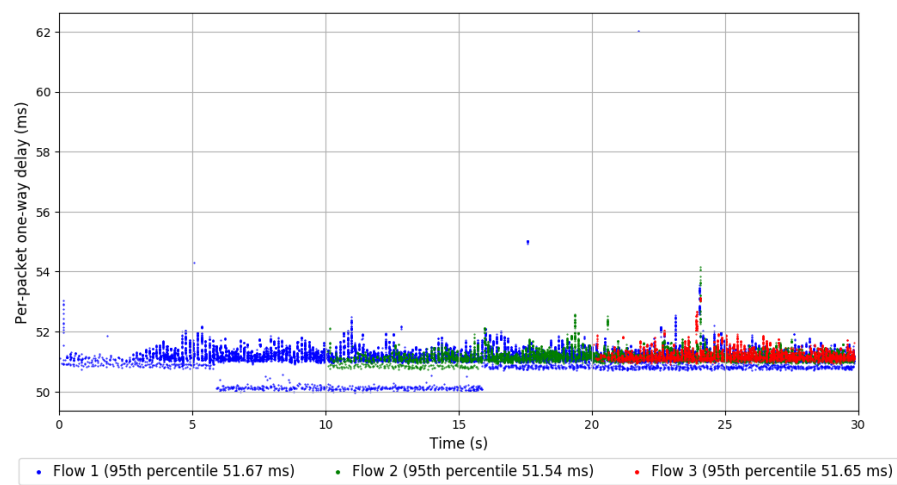
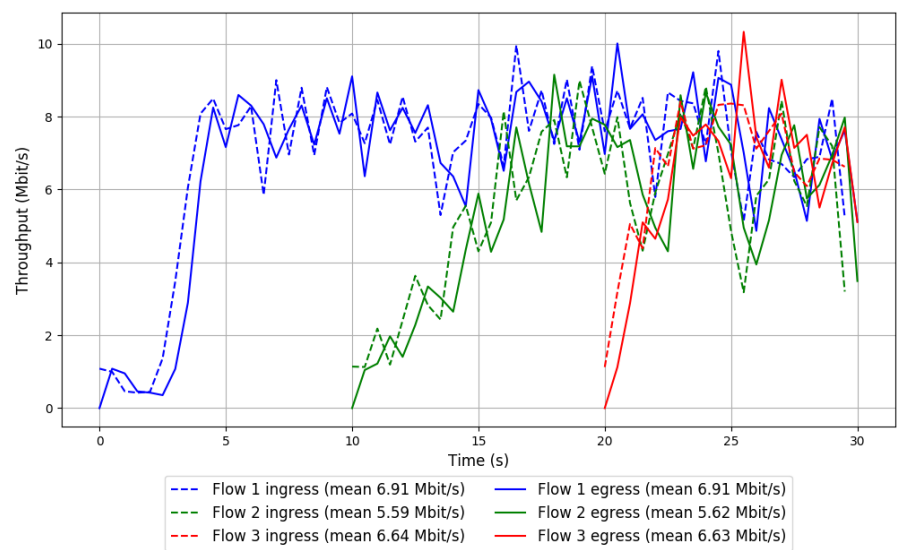


Run 7: Statistics of Sprout

Start at: 2018-08-04 03:12:25
End at: 2018-08-04 03:12:55
Local clock offset: 0.341 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.80 Mbit/s
95th percentile per-packet one-way delay: 51.637 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 6.91 Mbit/s
95th percentile per-packet one-way delay: 51.672 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 5.62 Mbit/s
95th percentile per-packet one-way delay: 51.538 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 6.63 Mbit/s
95th percentile per-packet one-way delay: 51.647 ms
Loss rate: 1.16%

Run 7: Report of Sprout — Data Link

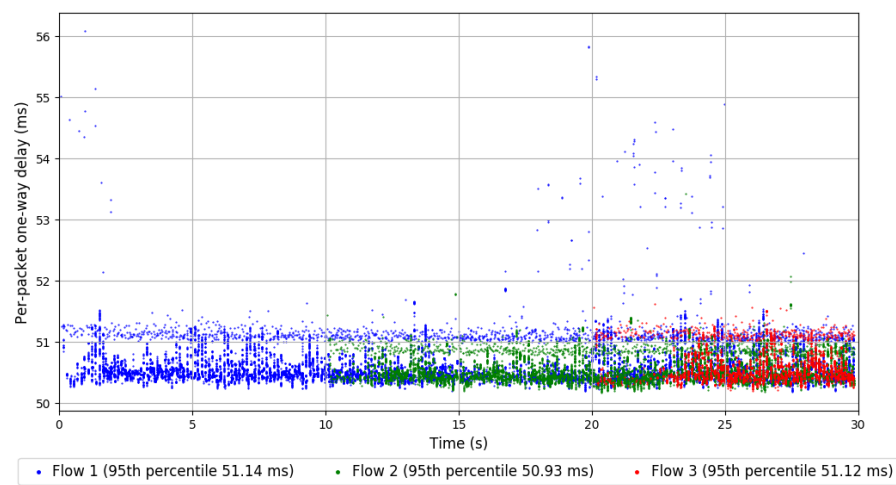
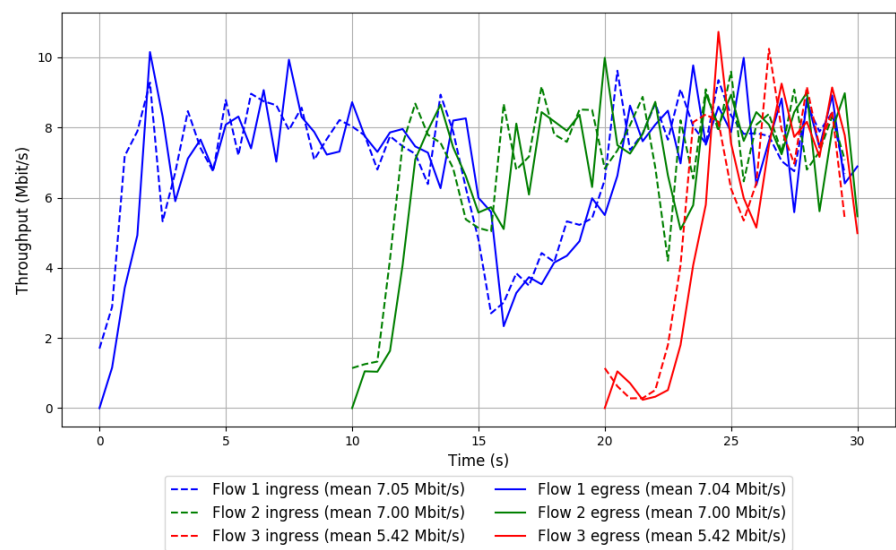


Run 8: Statistics of Sprout

Start at: 2018-08-04 03:37:11
End at: 2018-08-04 03:37:41
Local clock offset: 0.427 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.46 Mbit/s
95th percentile per-packet one-way delay: 51.098 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 51.138 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 7.00 Mbit/s
95th percentile per-packet one-way delay: 50.934 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 5.42 Mbit/s
95th percentile per-packet one-way delay: 51.121 ms
Loss rate: 1.31%

Run 8: Report of Sprout — Data Link

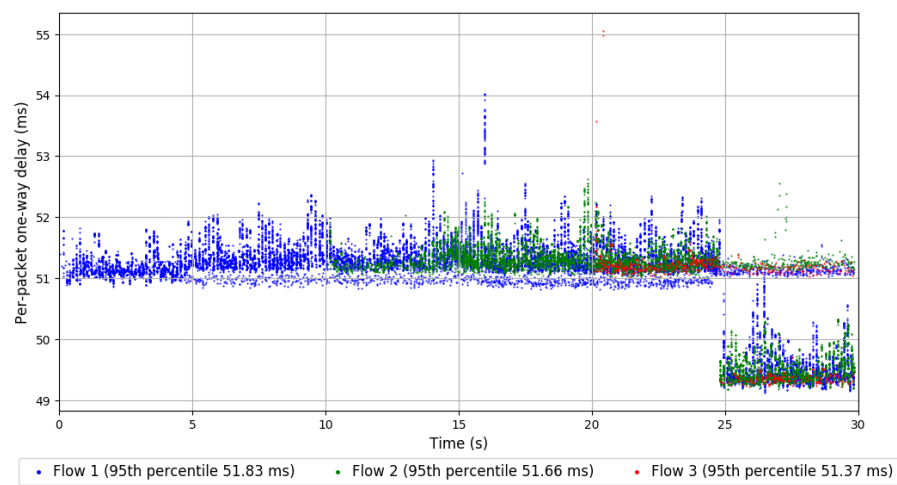
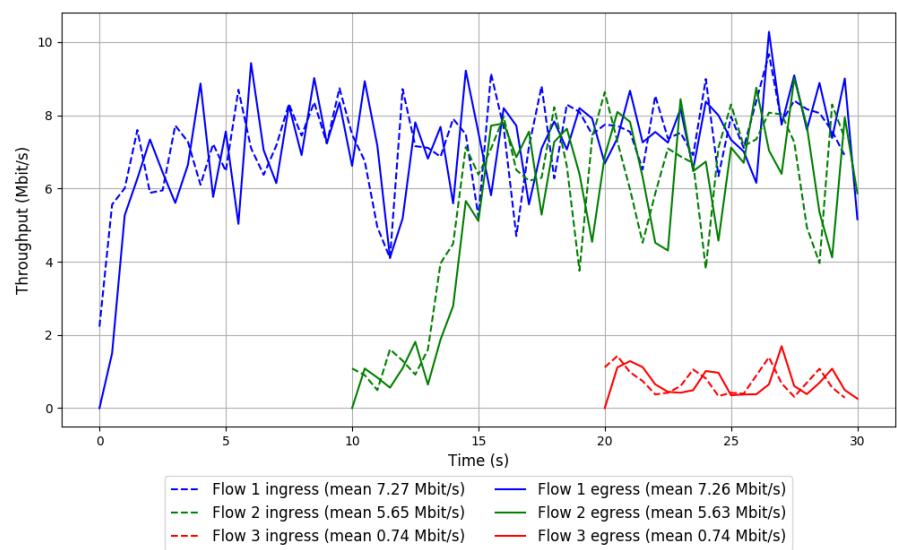


Run 9: Statistics of Sprout

Start at: 2018-08-04 04:01:57
End at: 2018-08-04 04:02:27
Local clock offset: 0.439 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.23 Mbit/s
95th percentile per-packet one-way delay: 51.774 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 7.26 Mbit/s
95th percentile per-packet one-way delay: 51.825 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 5.63 Mbit/s
95th percentile per-packet one-way delay: 51.665 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 51.367 ms
Loss rate: 0.65%

Run 9: Report of Sprout — Data Link

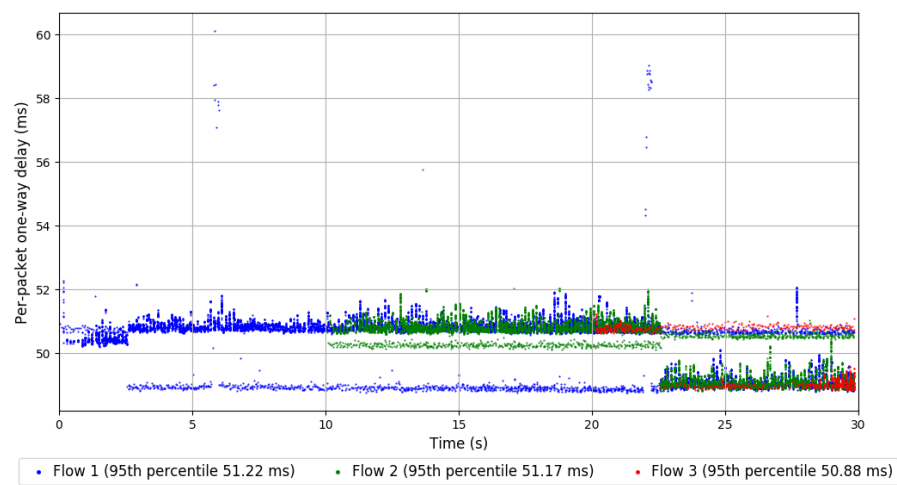
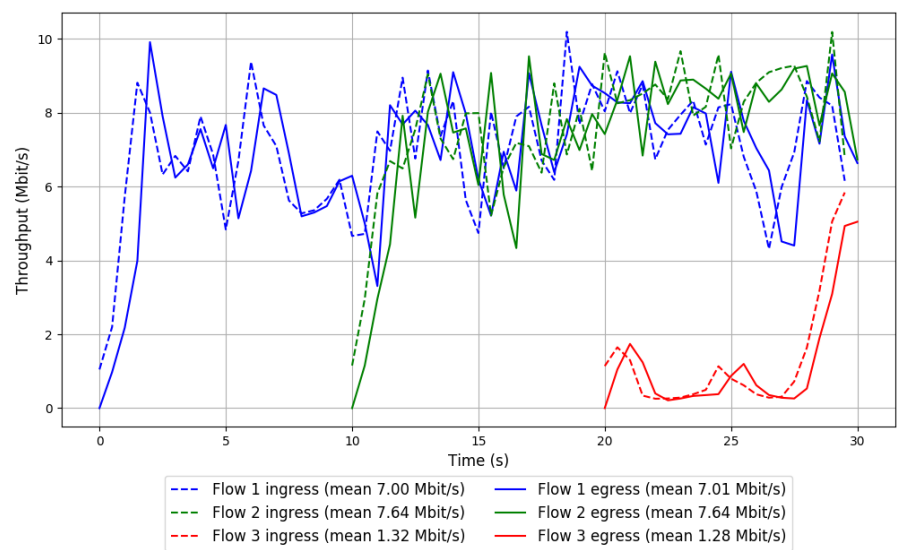


Run 10: Statistics of Sprout

Start at: 2018-08-04 04:26:49
End at: 2018-08-04 04:27:19
Local clock offset: 0.025 ms
Remote clock offset: -0.121 ms

Below is generated by plot.py at 2018-08-04 07:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.50 Mbit/s
95th percentile per-packet one-way delay: 51.189 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 51.217 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 7.64 Mbit/s
95th percentile per-packet one-way delay: 51.174 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 50.879 ms
Loss rate: 3.87%

Run 10: Report of Sprout — Data Link

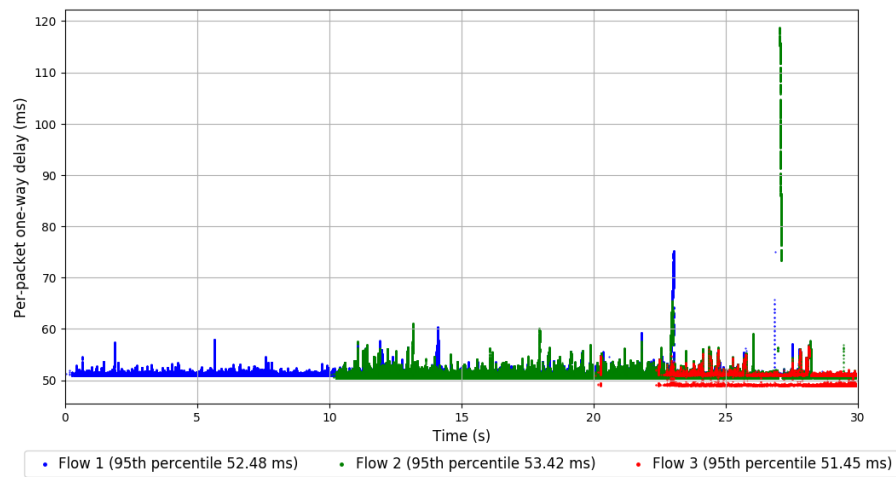
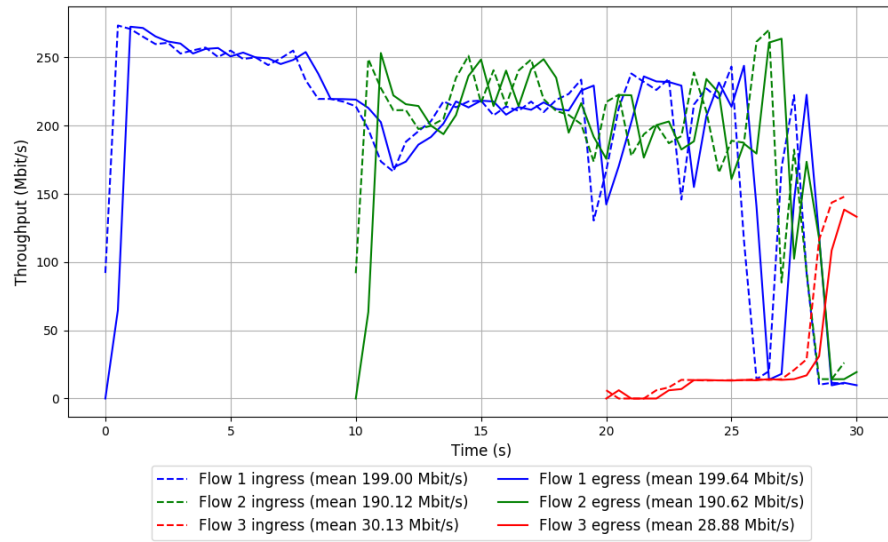


Run 1: Statistics of TaoVA-100x

Start at: 2018-08-04 00:37:00
End at: 2018-08-04 00:37:30
Local clock offset: 0.434 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-08-04 07:43:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 335.95 Mbit/s
95th percentile per-packet one-way delay: 52.806 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 199.64 Mbit/s
95th percentile per-packet one-way delay: 52.483 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 190.62 Mbit/s
95th percentile per-packet one-way delay: 53.421 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 28.88 Mbit/s
95th percentile per-packet one-way delay: 51.451 ms
Loss rate: 5.13%

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

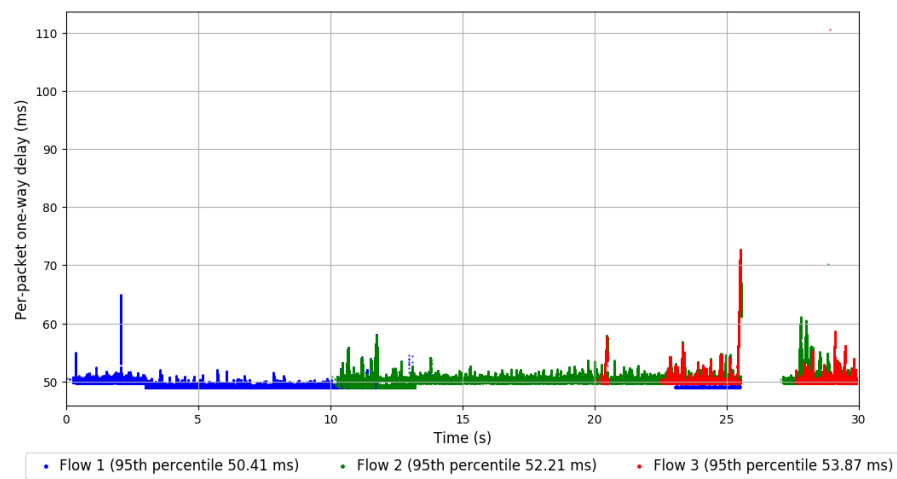
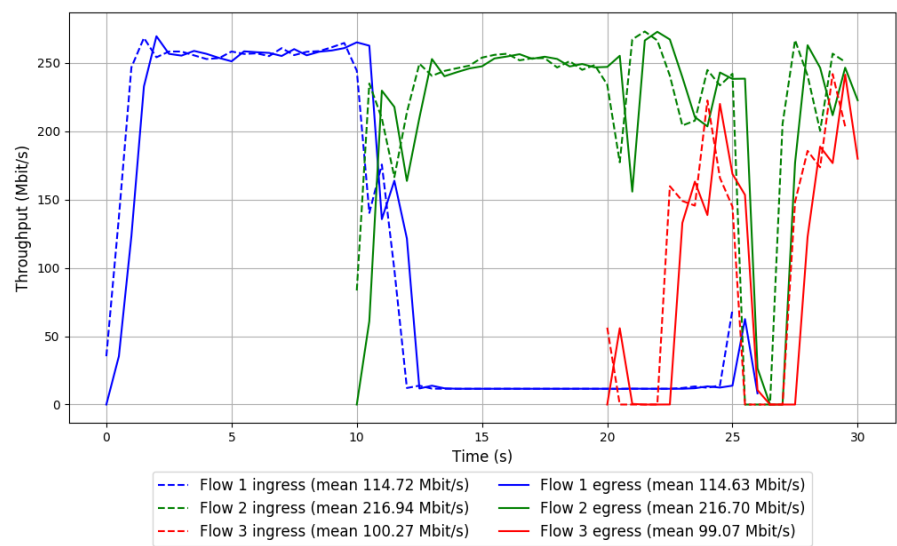


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-04 01:01:48
End at: 2018-08-04 01:02:18
Local clock offset: -0.222 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-08-04 07:43:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 274.59 Mbit/s
95th percentile per-packet one-way delay: 51.918 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 114.63 Mbit/s
95th percentile per-packet one-way delay: 50.410 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 216.70 Mbit/s
95th percentile per-packet one-way delay: 52.207 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 99.07 Mbit/s
95th percentile per-packet one-way delay: 53.865 ms
Loss rate: 2.19%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-08-04 01:26:47

End at: 2018-08-04 01:27:17

Local clock offset: -0.219 ms

Remote clock offset: 0.03 ms

Below is generated by plot.py at 2018-08-04 07:44:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 356.43 Mbit/s

95th percentile per-packet one-way delay: 51.424 ms

Loss rate: 0.45%

-- Flow 1:

Average throughput: 180.09 Mbit/s

95th percentile per-packet one-way delay: 50.807 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 154.57 Mbit/s

95th percentile per-packet one-way delay: 52.242 ms

Loss rate: 0.46%

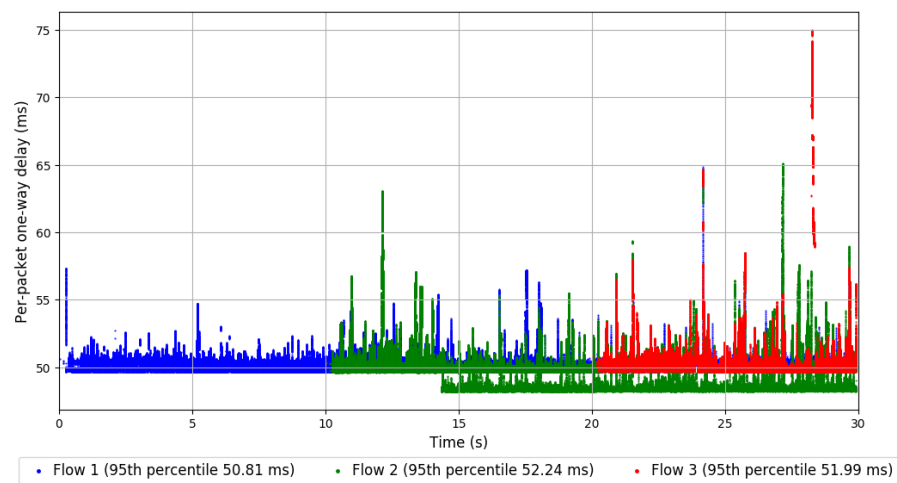
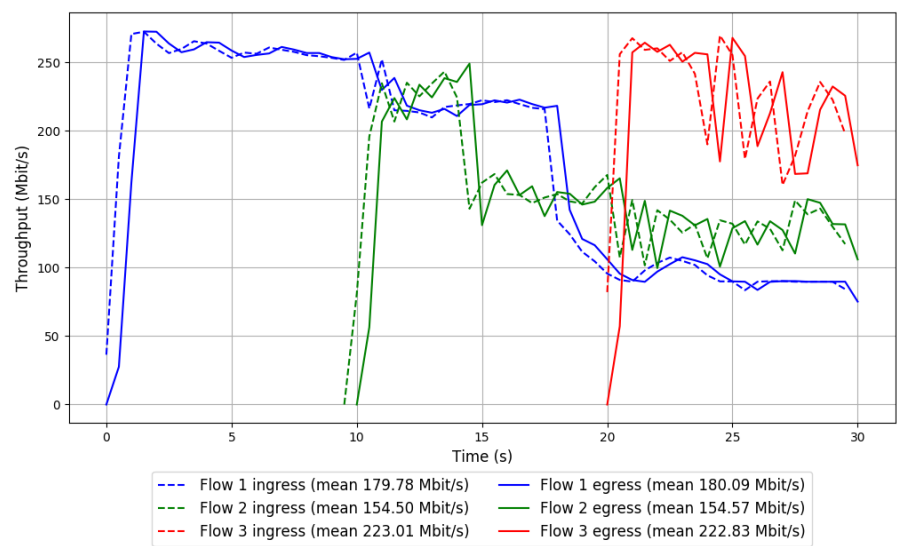
-- Flow 3:

Average throughput: 222.83 Mbit/s

95th percentile per-packet one-way delay: 51.994 ms

Loss rate: 1.10%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-08-04 01:51:55

End at: 2018-08-04 01:52:25

Local clock offset: 0.535 ms

Remote clock offset: -0.01 ms

Below is generated by plot.py at 2018-08-04 07:44:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 278.77 Mbit/s

95th percentile per-packet one-way delay: 53.992 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 144.83 Mbit/s

95th percentile per-packet one-way delay: 53.626 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 143.79 Mbit/s

95th percentile per-packet one-way delay: 54.478 ms

Loss rate: 0.05%

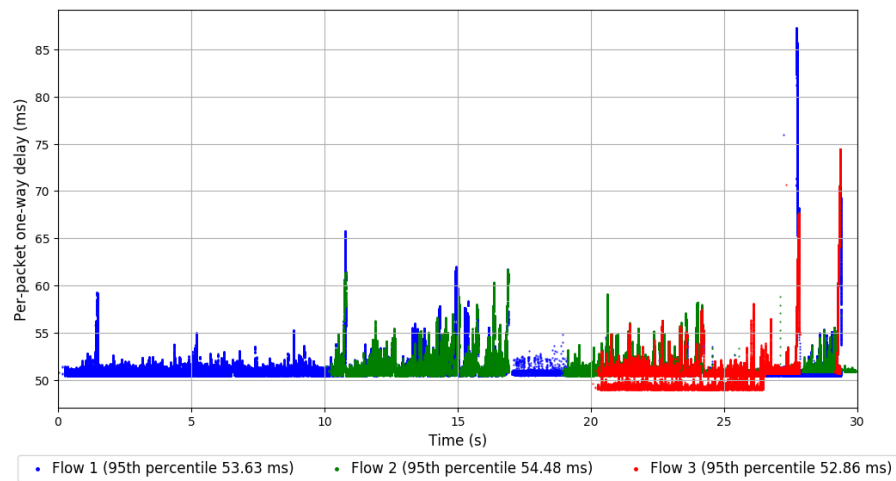
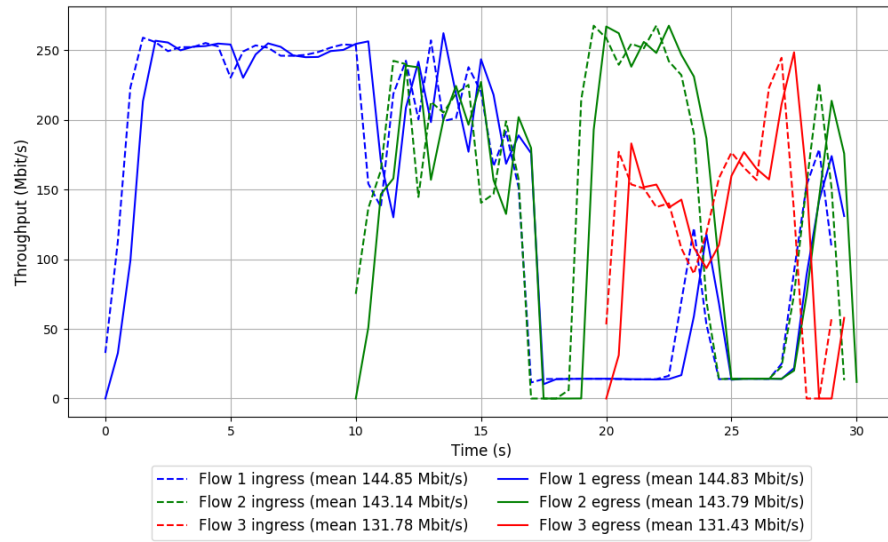
-- Flow 3:

Average throughput: 131.43 Mbit/s

95th percentile per-packet one-way delay: 52.857 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-08-04 02:16:47

End at: 2018-08-04 02:17:17

Local clock offset: 0.145 ms

Remote clock offset: 0.005 ms

Below is generated by plot.py at 2018-08-04 07:44:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 304.46 Mbit/s

95th percentile per-packet one-way delay: 57.160 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 173.99 Mbit/s

95th percentile per-packet one-way delay: 57.507 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 175.01 Mbit/s

95th percentile per-packet one-way delay: 55.939 ms

Loss rate: 0.04%

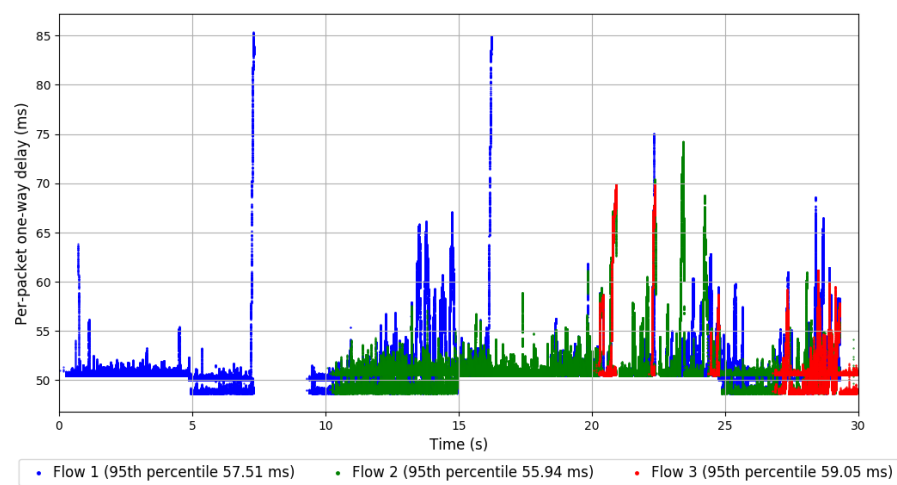
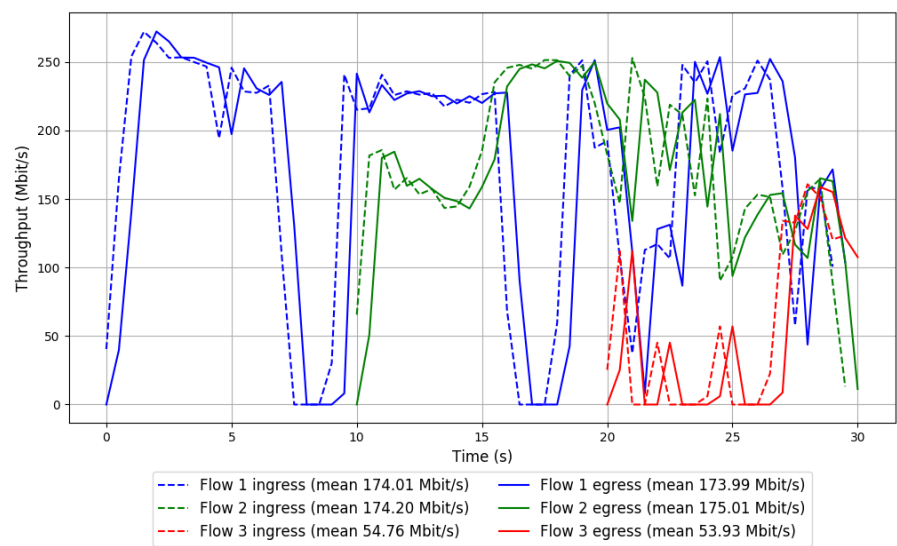
-- Flow 3:

Average throughput: 53.93 Mbit/s

95th percentile per-packet one-way delay: 59.051 ms

Loss rate: 2.53%

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

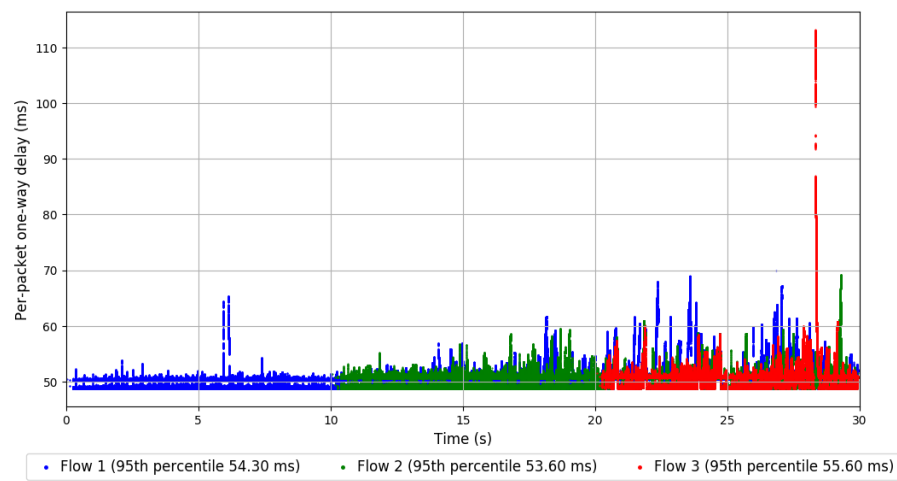
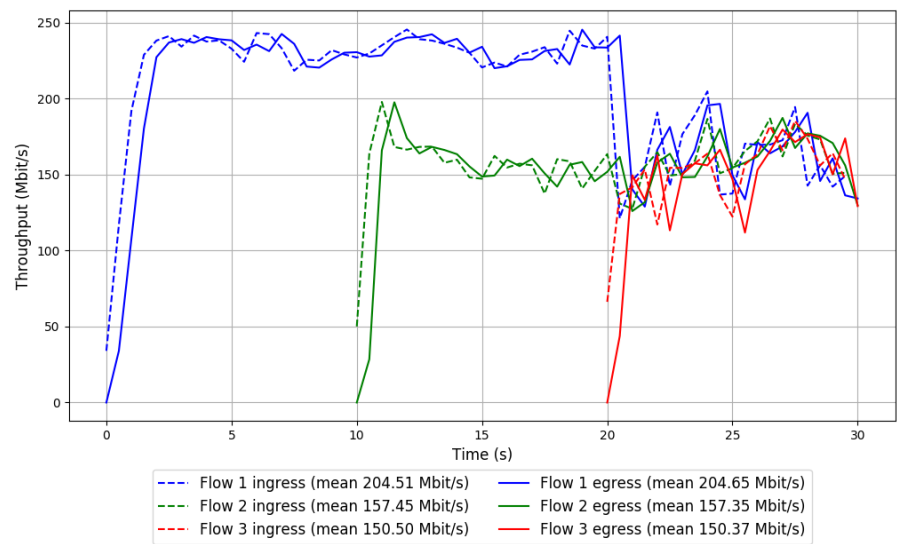


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-04 02:41:41
End at: 2018-08-04 02:42:11
Local clock offset: 0.083 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2018-08-04 07:44:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 358.85 Mbit/s
95th percentile per-packet one-way delay: 54.261 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 204.65 Mbit/s
95th percentile per-packet one-way delay: 54.301 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 157.35 Mbit/s
95th percentile per-packet one-way delay: 53.597 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 150.37 Mbit/s
95th percentile per-packet one-way delay: 55.602 ms
Loss rate: 1.10%

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

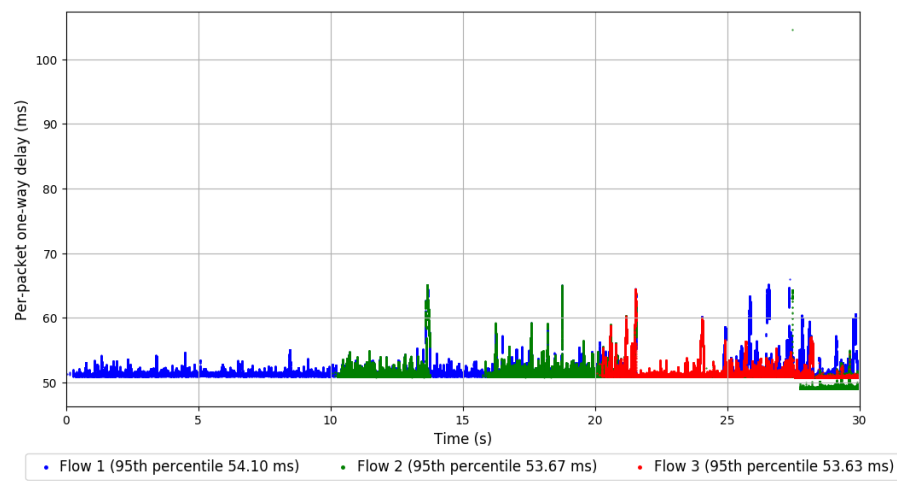
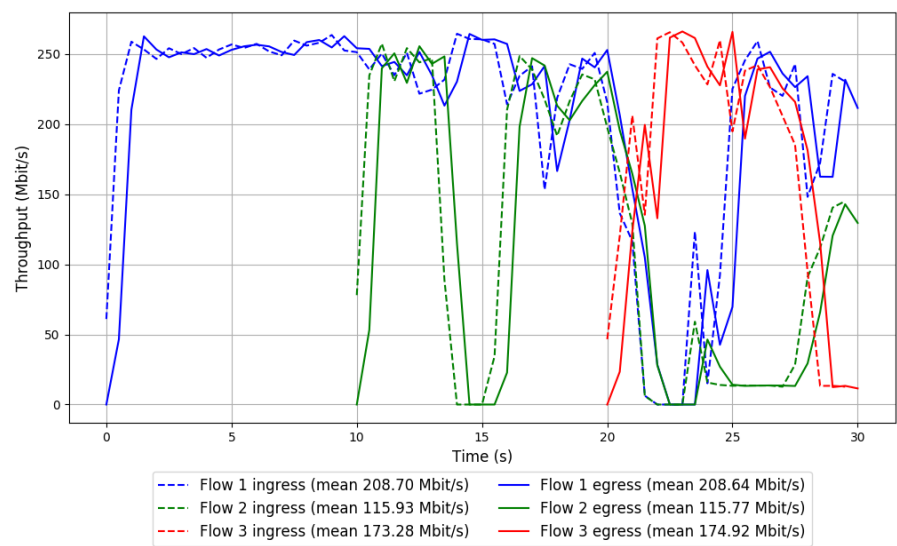


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-04 03:06:34
End at: 2018-08-04 03:07:04
Local clock offset: 0.445 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2018-08-04 07:49:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 343.30 Mbit/s
95th percentile per-packet one-way delay: 53.915 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 208.64 Mbit/s
95th percentile per-packet one-way delay: 54.102 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 115.77 Mbit/s
95th percentile per-packet one-way delay: 53.669 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 174.92 Mbit/s
95th percentile per-packet one-way delay: 53.627 ms
Loss rate: 0.08%

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

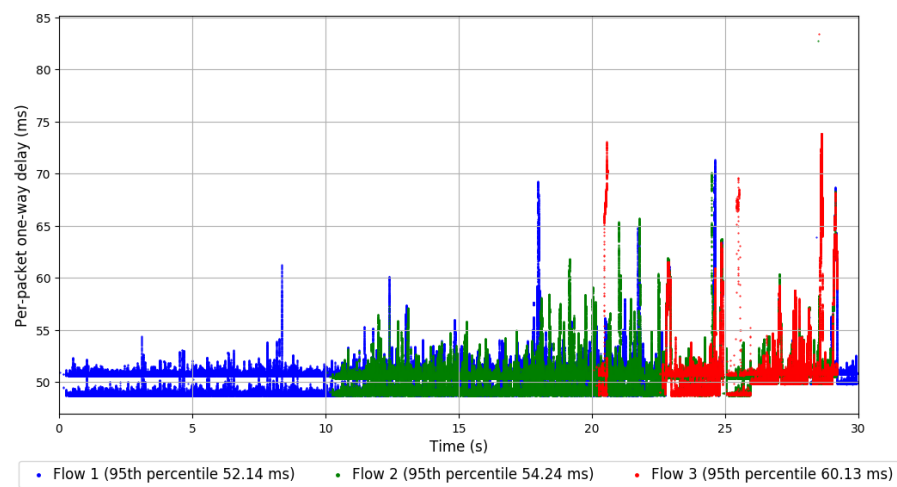
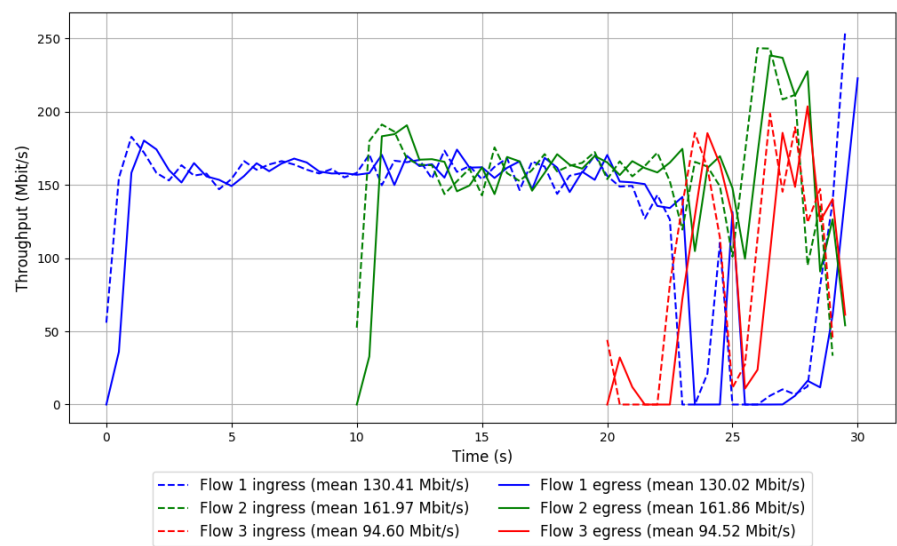


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-04 03:31:26
End at: 2018-08-04 03:31:56
Local clock offset: 0.033 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-08-04 07:49:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 262.45 Mbit/s
95th percentile per-packet one-way delay: 53.876 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 130.02 Mbit/s
95th percentile per-packet one-way delay: 52.137 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 161.86 Mbit/s
95th percentile per-packet one-way delay: 54.239 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 94.52 Mbit/s
95th percentile per-packet one-way delay: 60.133 ms
Loss rate: 0.00%

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

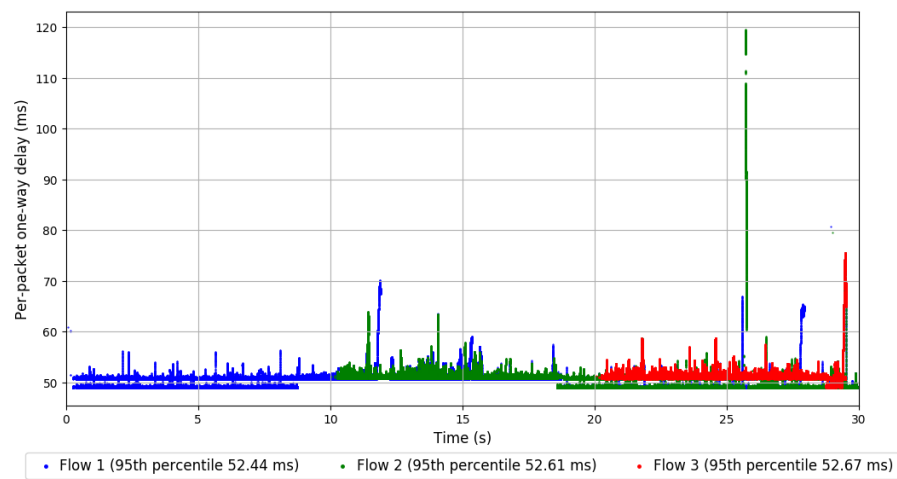
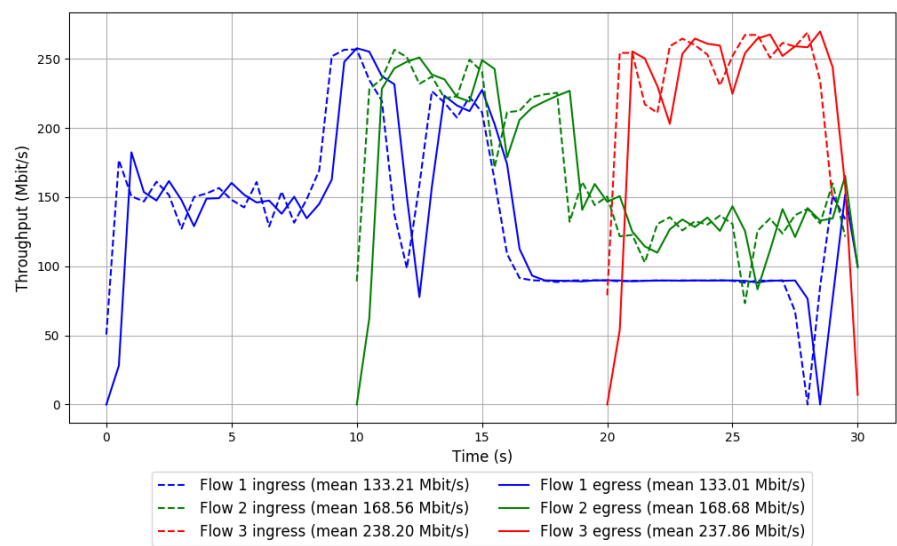


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-04 03:56:03
End at: 2018-08-04 03:56:33
Local clock offset: 0.433 ms
Remote clock offset: -0.079 ms

Below is generated by plot.py at 2018-08-04 07:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 320.42 Mbit/s
95th percentile per-packet one-way delay: 52.591 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 133.01 Mbit/s
95th percentile per-packet one-way delay: 52.437 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 168.68 Mbit/s
95th percentile per-packet one-way delay: 52.611 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 237.86 Mbit/s
95th percentile per-packet one-way delay: 52.674 ms
Loss rate: 0.00%

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

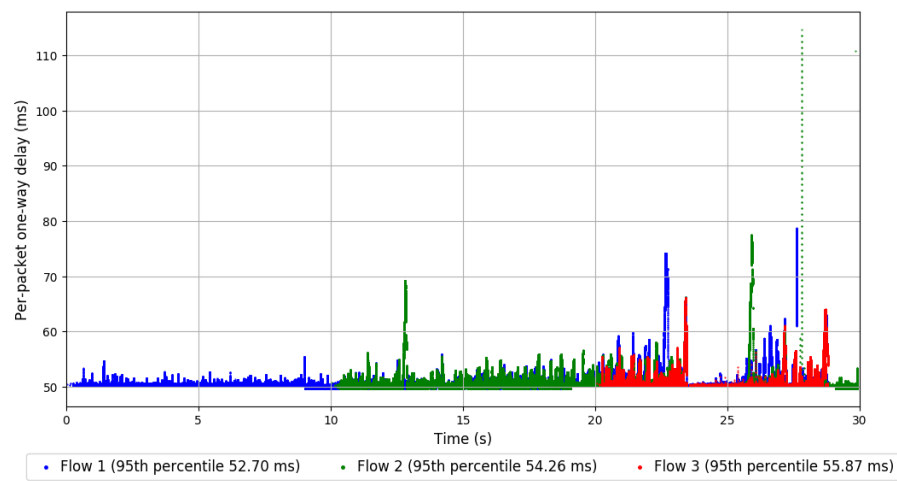
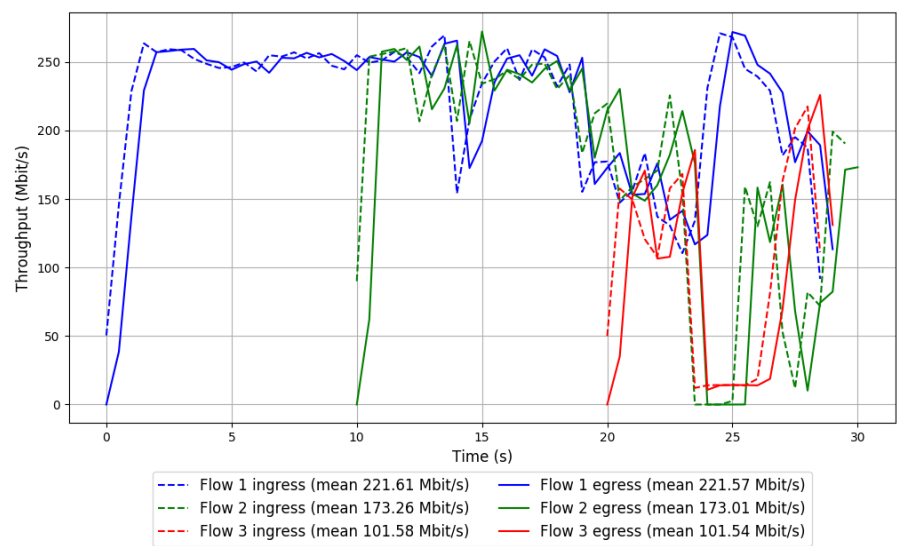


```
Run 10: Statistics of TaoVA-100x

Start at: 2018-08-04 04:20:52
End at: 2018-08-04 04:21:22
Local clock offset: -0.389 ms
Remote clock offset: -0.139 ms

# Below is generated by plot.py at 2018-08-04 07:56:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 357.98 Mbit/s
95th percentile per-packet one-way delay: 53.661 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 221.57 Mbit/s
95th percentile per-packet one-way delay: 52.705 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 173.01 Mbit/s
95th percentile per-packet one-way delay: 54.262 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 101.54 Mbit/s
95th percentile per-packet one-way delay: 55.866 ms
Loss rate: 0.00%
```

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

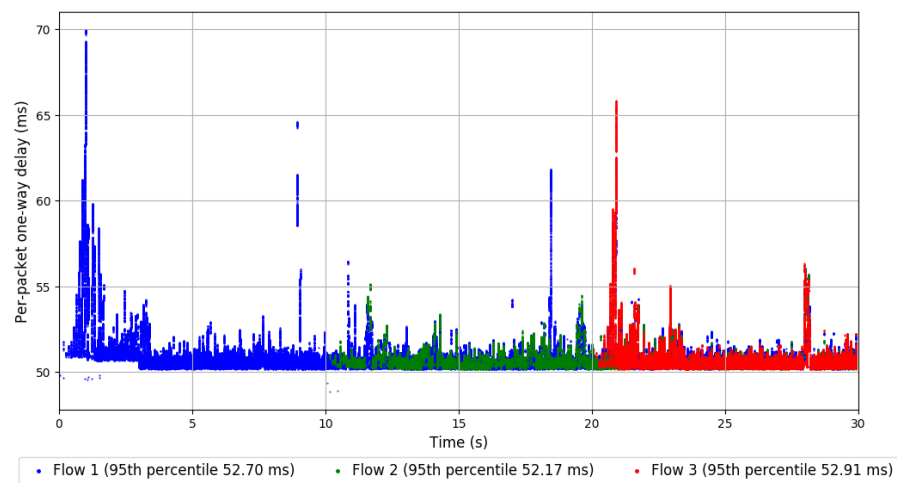
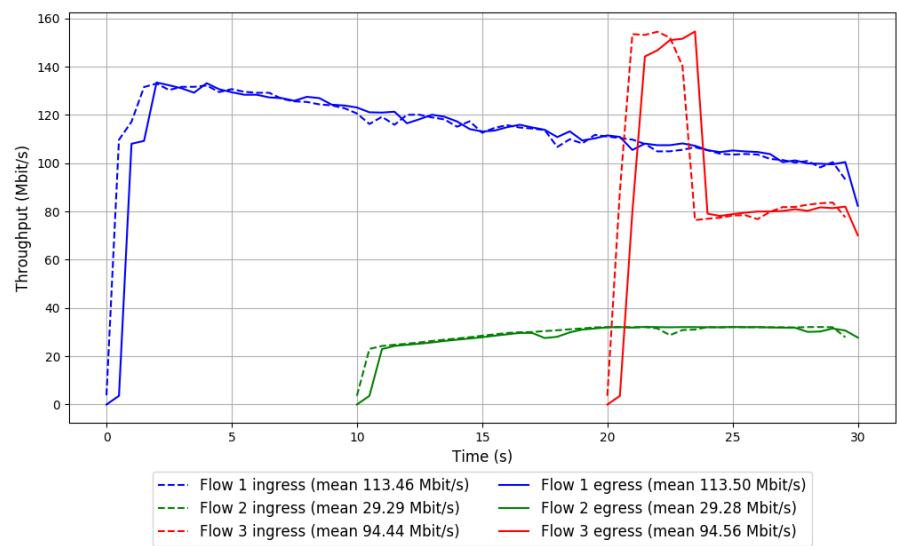


Run 1: Statistics of TCP Vegas

Start at: 2018-08-04 00:32:38
End at: 2018-08-04 00:33:08
Local clock offset: 0.046 ms
Remote clock offset: -0.151 ms

Below is generated by plot.py at 2018-08-04 07:56:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 164.16 Mbit/s
95th percentile per-packet one-way delay: 52.661 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 113.50 Mbit/s
95th percentile per-packet one-way delay: 52.703 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 29.28 Mbit/s
95th percentile per-packet one-way delay: 52.171 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 94.56 Mbit/s
95th percentile per-packet one-way delay: 52.915 ms
Loss rate: 0.90%

Run 1: Report of TCP Vegas — Data Link

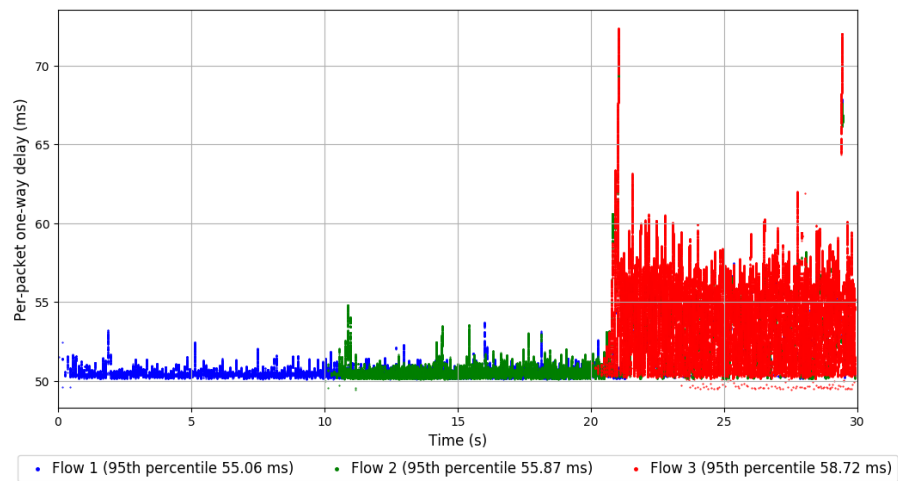
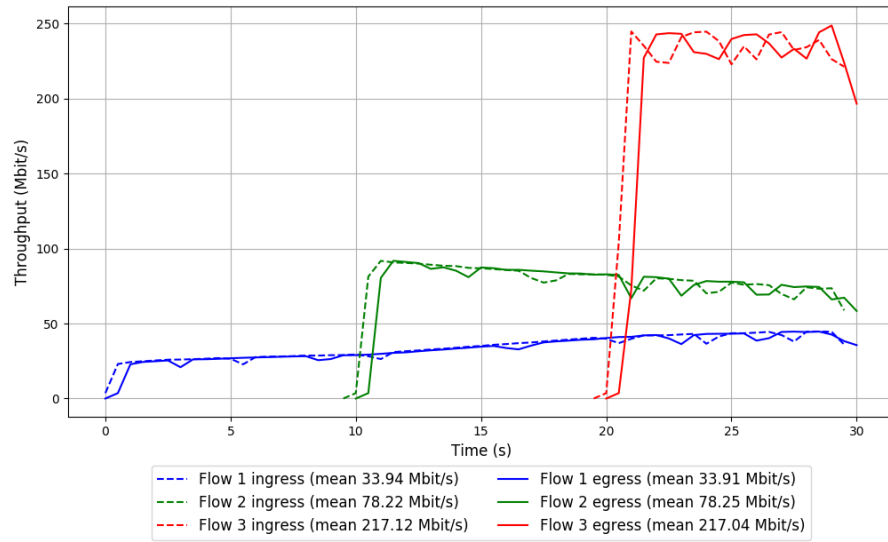


Run 2: Statistics of TCP Vegas

Start at: 2018-08-04 00:57:18
End at: 2018-08-04 00:57:48
Local clock offset: 0.123 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-08-04 07:56:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 157.59 Mbit/s
95th percentile per-packet one-way delay: 57.755 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 33.91 Mbit/s
95th percentile per-packet one-way delay: 55.064 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 78.25 Mbit/s
95th percentile per-packet one-way delay: 55.873 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 217.04 Mbit/s
95th percentile per-packet one-way delay: 58.716 ms
Loss rate: 1.05%

Run 2: Report of TCP Vegas — Data Link

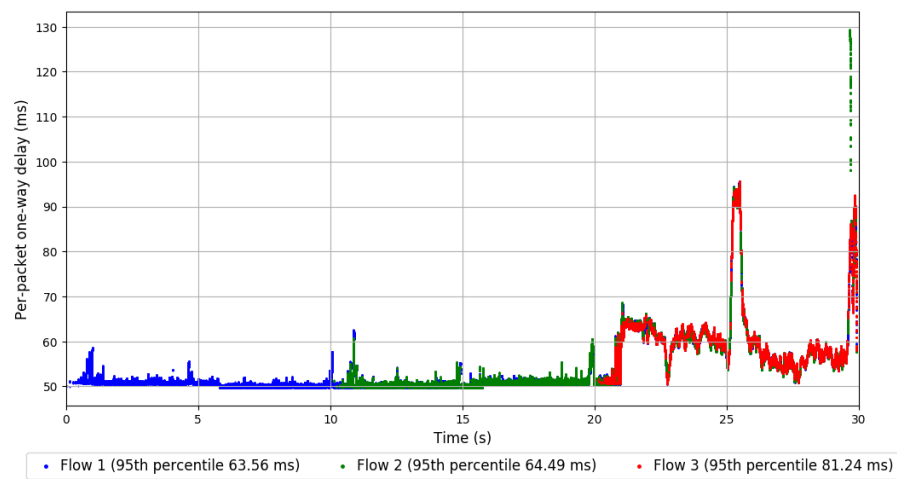
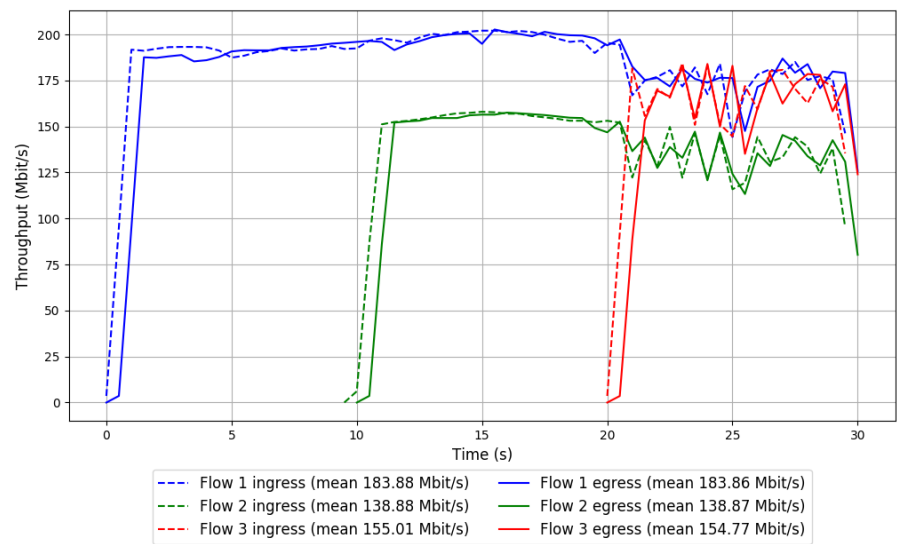


Run 3: Statistics of TCP Vegas

Start at: 2018-08-04 01:22:16
End at: 2018-08-04 01:22:46
Local clock offset: 0.545 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2018-08-04 07:56:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 327.38 Mbit/s
95th percentile per-packet one-way delay: 64.262 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 183.86 Mbit/s
95th percentile per-packet one-way delay: 63.559 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 138.87 Mbit/s
95th percentile per-packet one-way delay: 64.493 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 154.77 Mbit/s
95th percentile per-packet one-way delay: 81.241 ms
Loss rate: 1.16%

Run 3: Report of TCP Vegas — Data Link

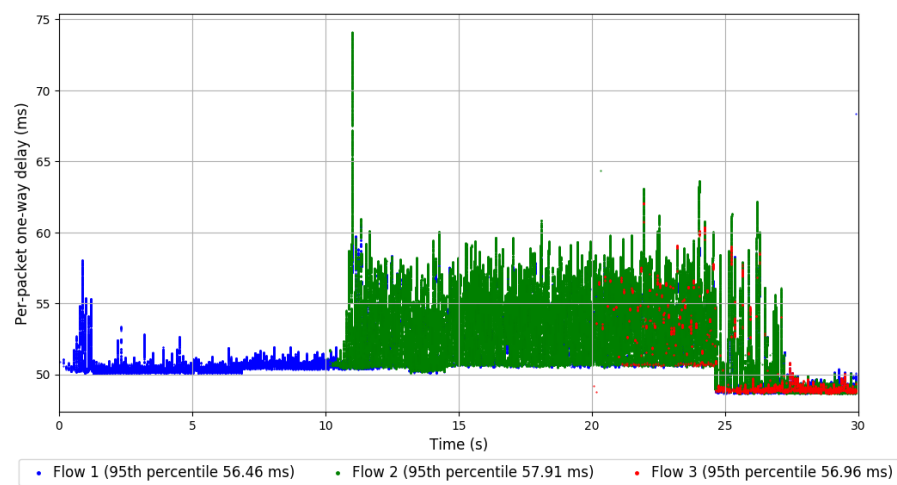
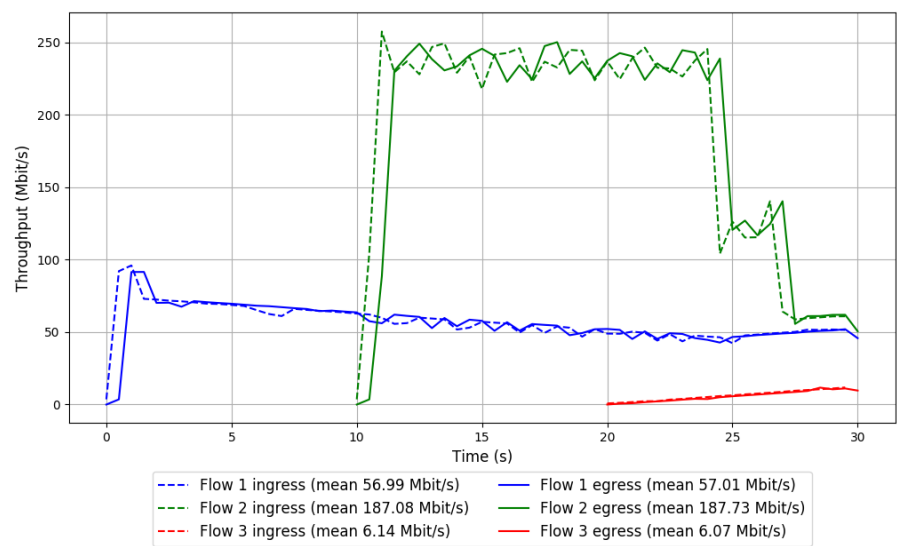


Run 4: Statistics of TCP Vegas

Start at: 2018-08-04 01:47:27
End at: 2018-08-04 01:47:57
Local clock offset: 0.149 ms
Remote clock offset: -0.012 ms

Below is generated by plot.py at 2018-08-04 07:56:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 183.74 Mbit/s
95th percentile per-packet one-way delay: 57.664 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 57.01 Mbit/s
95th percentile per-packet one-way delay: 56.464 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 187.73 Mbit/s
95th percentile per-packet one-way delay: 57.914 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 6.07 Mbit/s
95th percentile per-packet one-way delay: 56.957 ms
Loss rate: 2.08%

Run 4: Report of TCP Vegas — Data Link

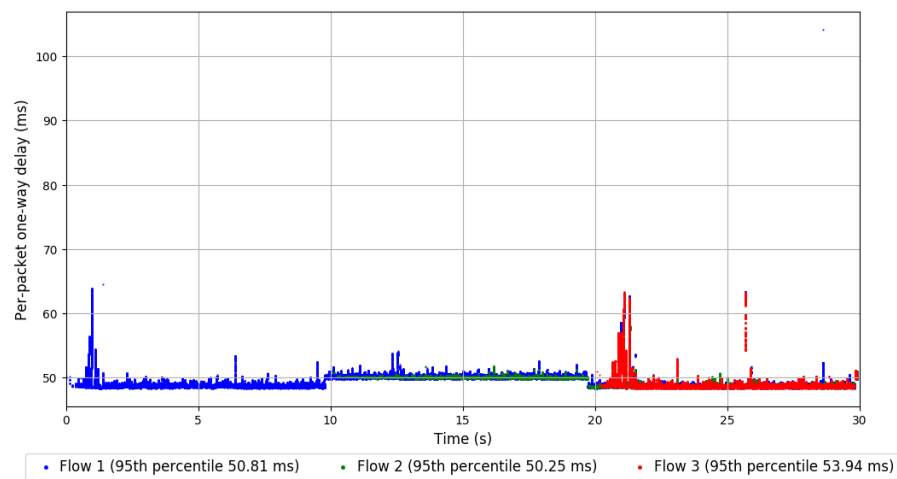
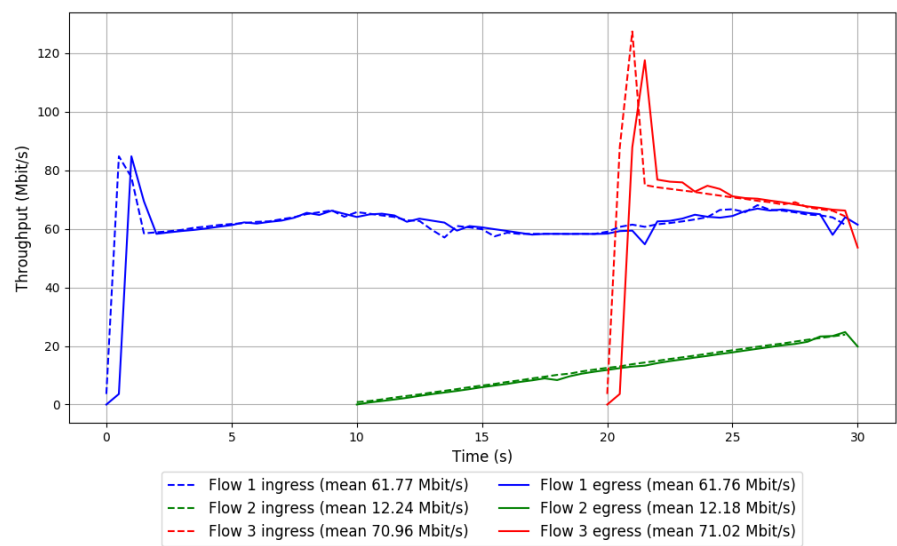


Run 5: Statistics of TCP Vegas

Start at: 2018-08-04 02:12:22
End at: 2018-08-04 02:12:52
Local clock offset: -0.198 ms
Remote clock offset: -0.052 ms

Below is generated by plot.py at 2018-08-04 07:56:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 51.074 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 61.76 Mbit/s
95th percentile per-packet one-way delay: 50.812 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 12.18 Mbit/s
95th percentile per-packet one-way delay: 50.253 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 71.02 Mbit/s
95th percentile per-packet one-way delay: 53.936 ms
Loss rate: 0.93%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-08-04 02:37:19

End at: 2018-08-04 02:37:49

Local clock offset: 0.415 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-08-04 07:56:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 210.81 Mbit/s

95th percentile per-packet one-way delay: 60.174 ms

Loss rate: 0.32%

-- Flow 1:

Average throughput: 48.14 Mbit/s

95th percentile per-packet one-way delay: 55.910 ms

Loss rate: 0.22%

-- Flow 2:

Average throughput: 209.98 Mbit/s

95th percentile per-packet one-way delay: 62.165 ms

Loss rate: 0.23%

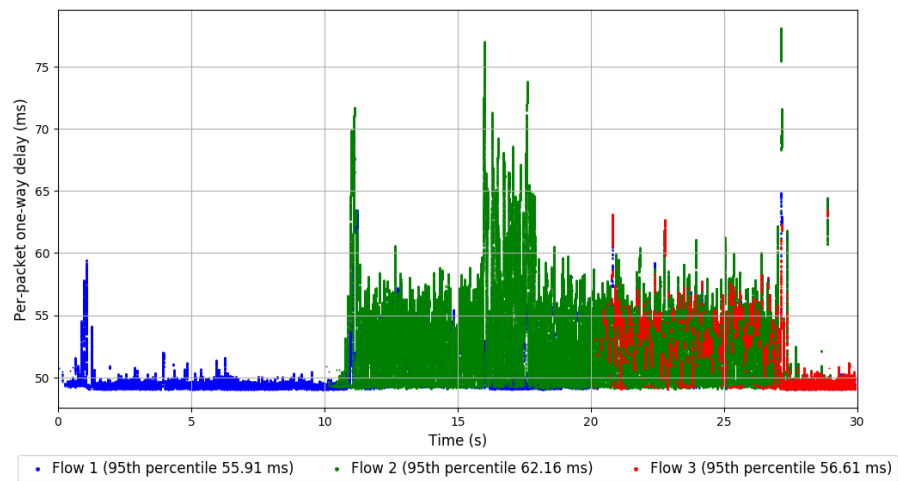
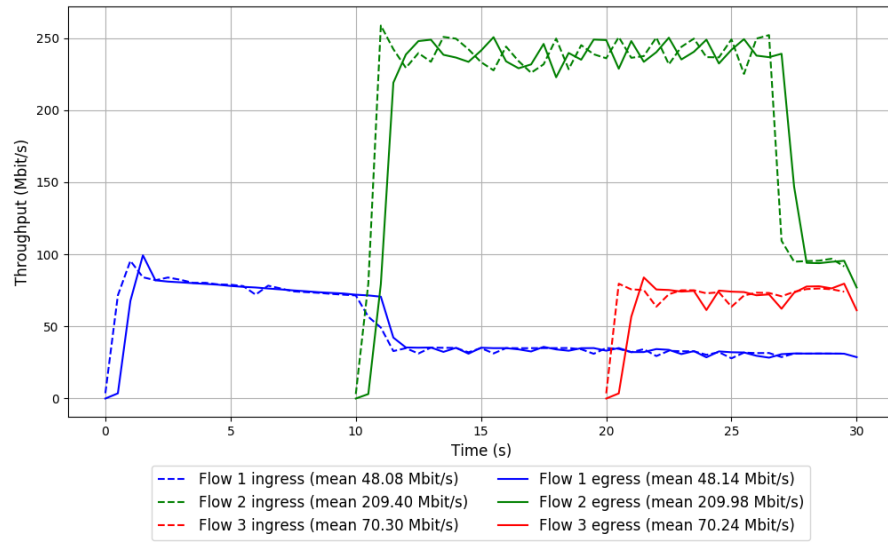
-- Flow 3:

Average throughput: 70.24 Mbit/s

95th percentile per-packet one-way delay: 56.612 ms

Loss rate: 1.10%

Run 6: Report of TCP Vegas — Data Link

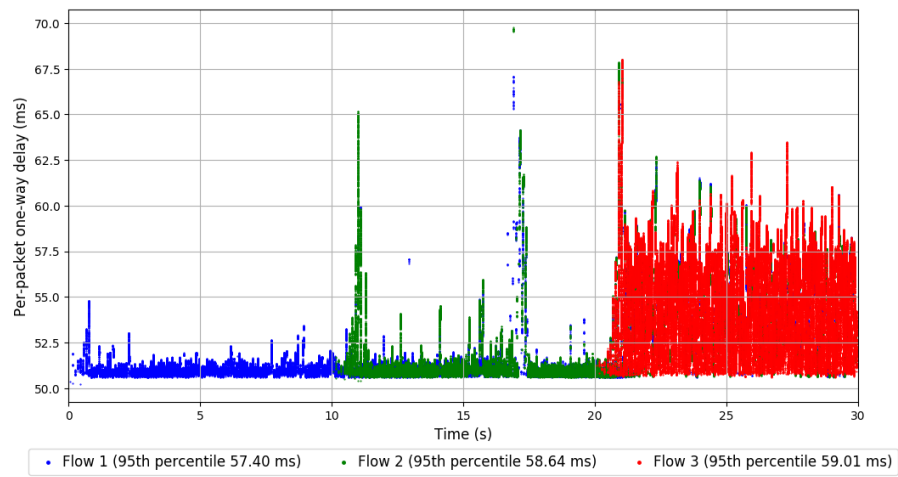
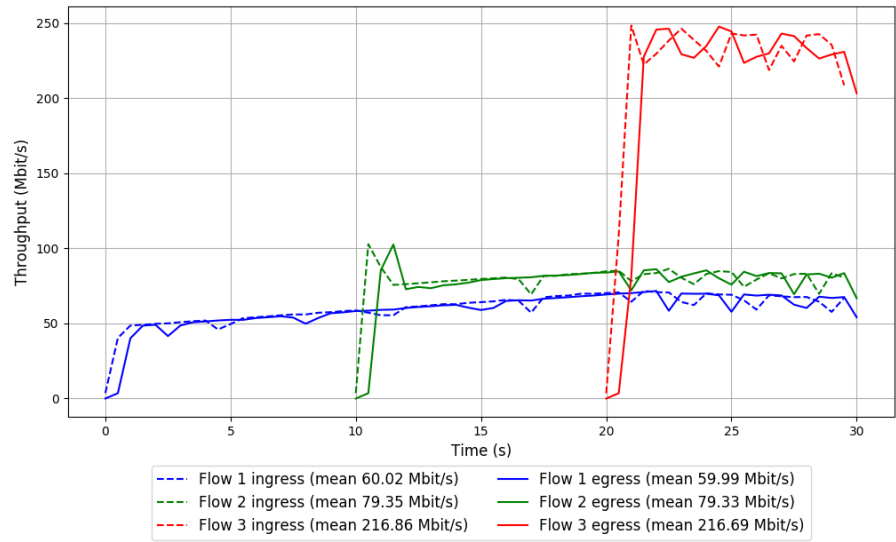


Run 7: Statistics of TCP Vegas

Start at: 2018-08-04 03:02:01
End at: 2018-08-04 03:02:31
Local clock offset: 0.081 ms
Remote clock offset: -0.009 ms

Below is generated by plot.py at 2018-08-04 07:56:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 184.16 Mbit/s
95th percentile per-packet one-way delay: 58.646 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 59.99 Mbit/s
95th percentile per-packet one-way delay: 57.403 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 79.33 Mbit/s
95th percentile per-packet one-way delay: 58.638 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 216.69 Mbit/s
95th percentile per-packet one-way delay: 59.005 ms
Loss rate: 1.10%

Run 7: Report of TCP Vegas — Data Link

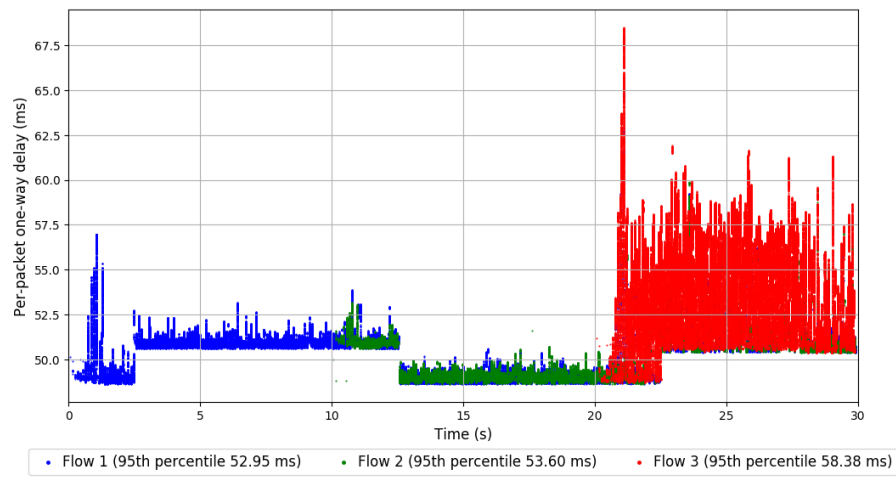
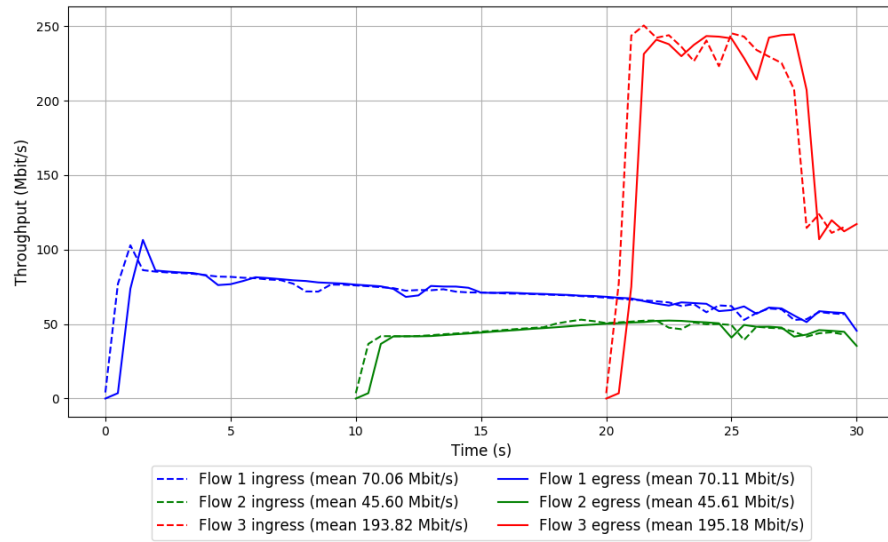


Run 8: Statistics of TCP Vegas

Start at: 2018-08-04 03:26:59
End at: 2018-08-04 03:27:29
Local clock offset: 0.073 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2018-08-04 07:56:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 164.42 Mbit/s
95th percentile per-packet one-way delay: 57.358 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 70.11 Mbit/s
95th percentile per-packet one-way delay: 52.955 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 45.61 Mbit/s
95th percentile per-packet one-way delay: 53.604 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 195.18 Mbit/s
95th percentile per-packet one-way delay: 58.382 ms
Loss rate: 0.40%

Run 8: Report of TCP Vegas — Data Link

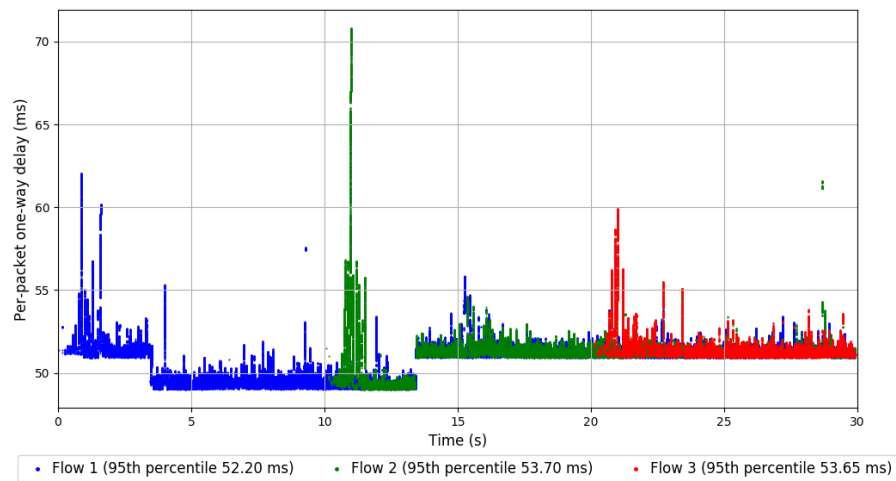
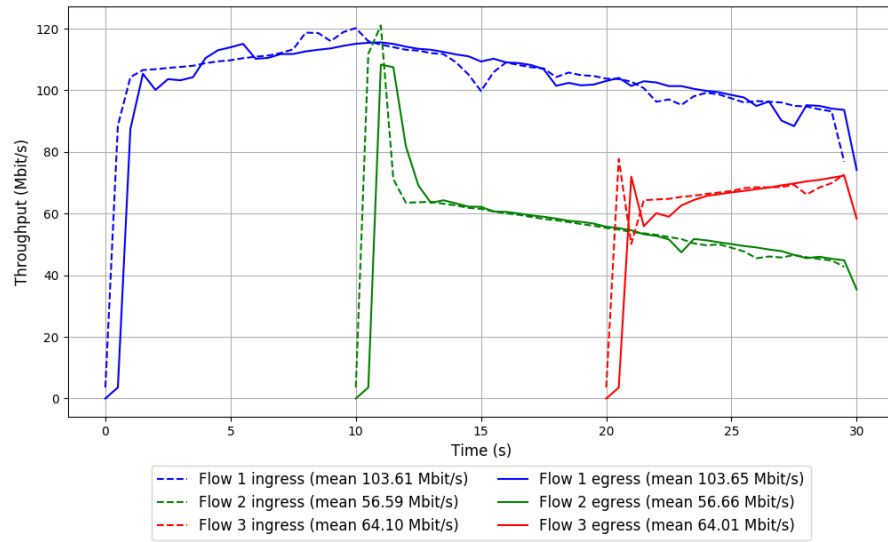


Run 9: Statistics of TCP Vegas

Start at: 2018-08-04 03:51:38
End at: 2018-08-04 03:52:08
Local clock offset: 0.425 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2018-08-04 07:56:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 162.32 Mbit/s
95th percentile per-packet one-way delay: 52.627 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 103.65 Mbit/s
95th percentile per-packet one-way delay: 52.204 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 56.66 Mbit/s
95th percentile per-packet one-way delay: 53.699 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 64.01 Mbit/s
95th percentile per-packet one-way delay: 53.652 ms
Loss rate: 1.14%

Run 9: Report of TCP Vegas — Data Link

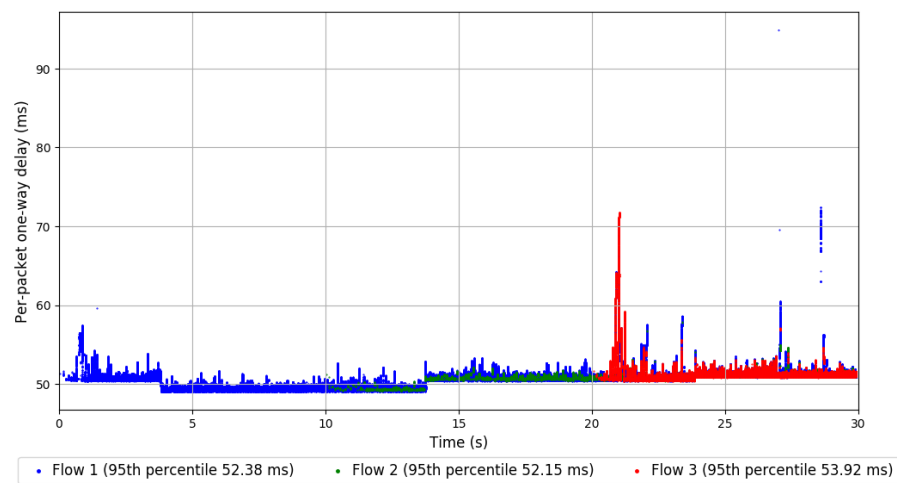
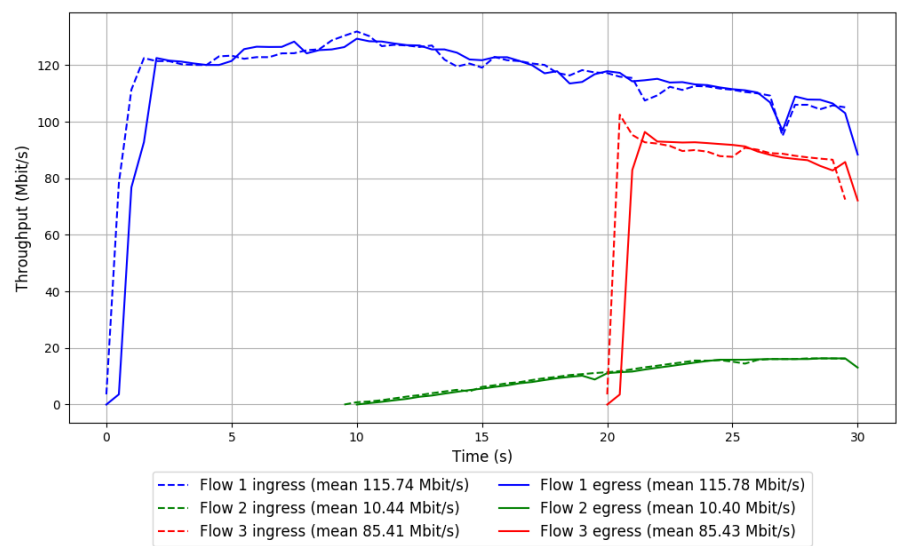


Run 10: Statistics of TCP Vegas

Start at: 2018-08-04 04:16:28
End at: 2018-08-04 04:16:58
Local clock offset: 0.368 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2018-08-04 07:56:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 150.87 Mbit/s
95th percentile per-packet one-way delay: 52.520 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 115.78 Mbit/s
95th percentile per-packet one-way delay: 52.381 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 10.40 Mbit/s
95th percentile per-packet one-way delay: 52.154 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 85.43 Mbit/s
95th percentile per-packet one-way delay: 53.916 ms
Loss rate: 1.00%

Run 10: Report of TCP Vegas — Data Link

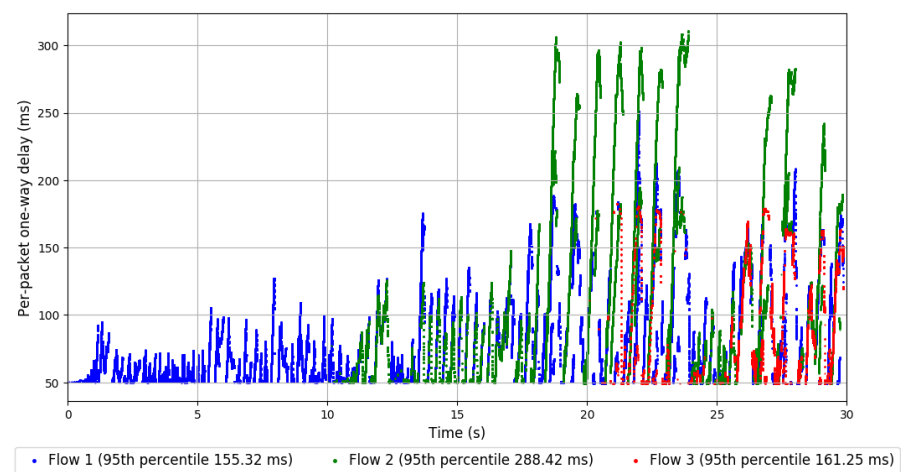
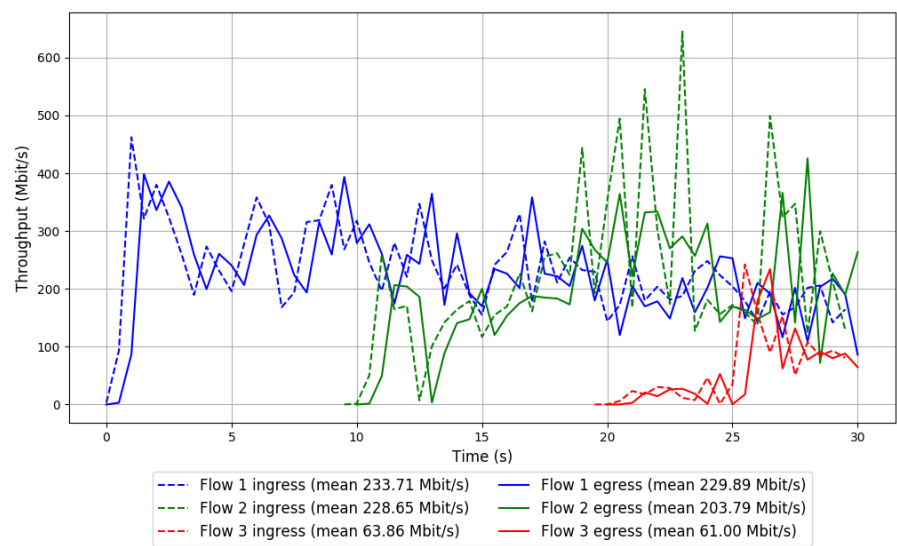


Run 1: Statistics of Verus

Start at: 2018-08-04 00:51:41
End at: 2018-08-04 00:52:12
Local clock offset: 0.105 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2018-08-04 08:01:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 385.30 Mbit/s
95th percentile per-packet one-way delay: 261.443 ms
Loss rate: 5.27%
-- Flow 1:
Average throughput: 229.89 Mbit/s
95th percentile per-packet one-way delay: 155.322 ms
Loss rate: 1.99%
-- Flow 2:
Average throughput: 203.79 Mbit/s
95th percentile per-packet one-way delay: 288.420 ms
Loss rate: 10.25%
-- Flow 3:
Average throughput: 61.00 Mbit/s
95th percentile per-packet one-way delay: 161.252 ms
Loss rate: 6.04%

Run 1: Report of Verus — Data Link

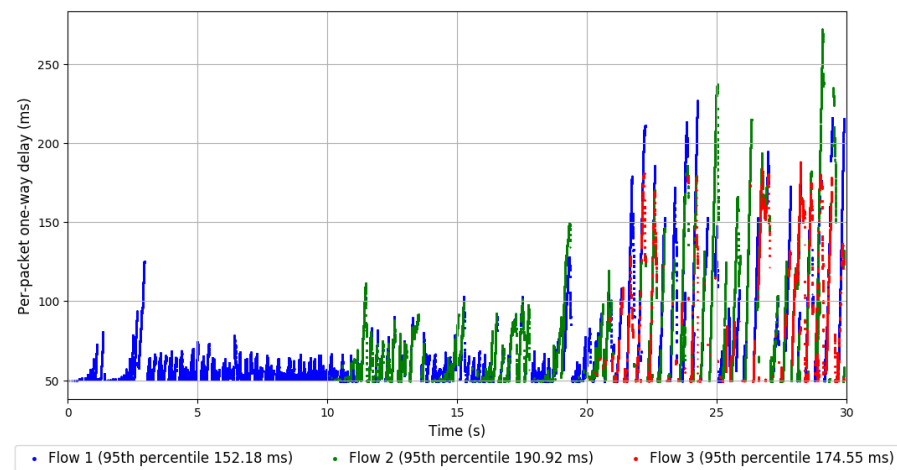
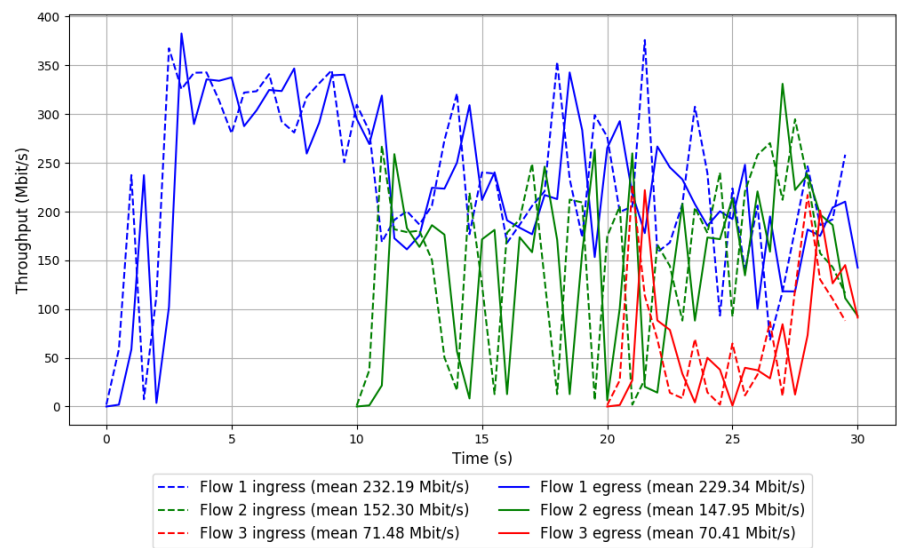


Run 2: Statistics of Verus

Start at: 2018-08-04 01:16:41
End at: 2018-08-04 01:17:11
Local clock offset: 0.153 ms
Remote clock offset: -0.079 ms

Below is generated by plot.py at 2018-08-04 08:01:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 350.81 Mbit/s
95th percentile per-packet one-way delay: 170.321 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 229.34 Mbit/s
95th percentile per-packet one-way delay: 152.183 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 147.95 Mbit/s
95th percentile per-packet one-way delay: 190.919 ms
Loss rate: 2.84%
-- Flow 3:
Average throughput: 70.41 Mbit/s
95th percentile per-packet one-way delay: 174.549 ms
Loss rate: 2.48%

Run 2: Report of Verus — Data Link

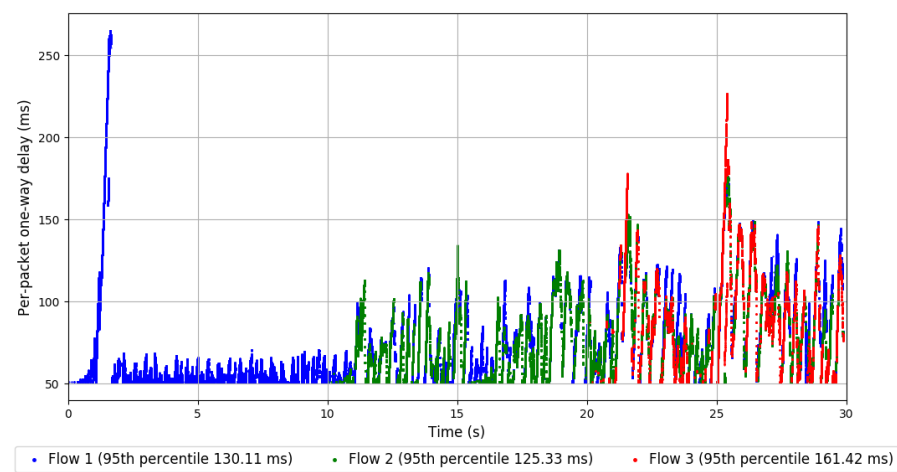
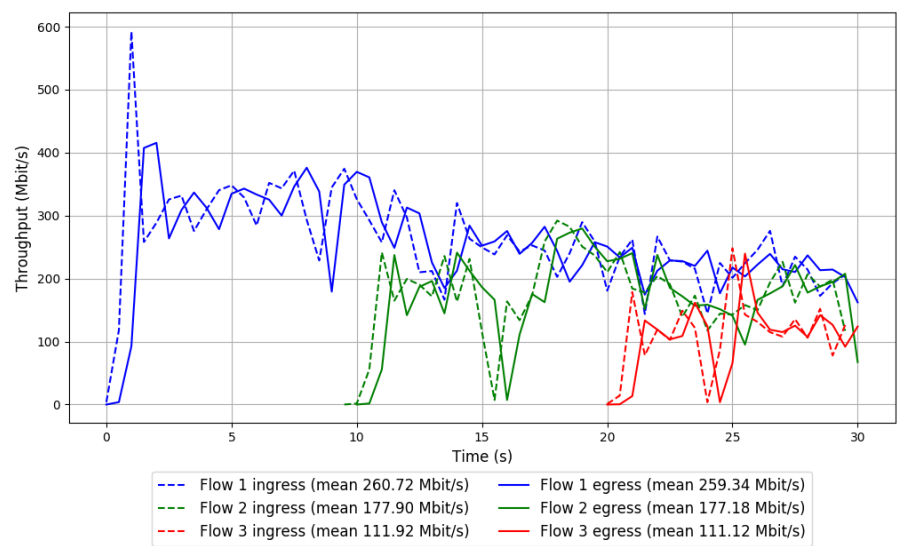


Run 3: Statistics of Verus

Start at: 2018-08-04 01:41:51
End at: 2018-08-04 01:42:21
Local clock offset: 0.507 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2018-08-04 08:03:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 413.51 Mbit/s
95th percentile per-packet one-way delay: 133.681 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 259.34 Mbit/s
95th percentile per-packet one-way delay: 130.113 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 177.18 Mbit/s
95th percentile per-packet one-way delay: 125.326 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 111.12 Mbit/s
95th percentile per-packet one-way delay: 161.419 ms
Loss rate: 1.25%

Run 3: Report of Verus — Data Link

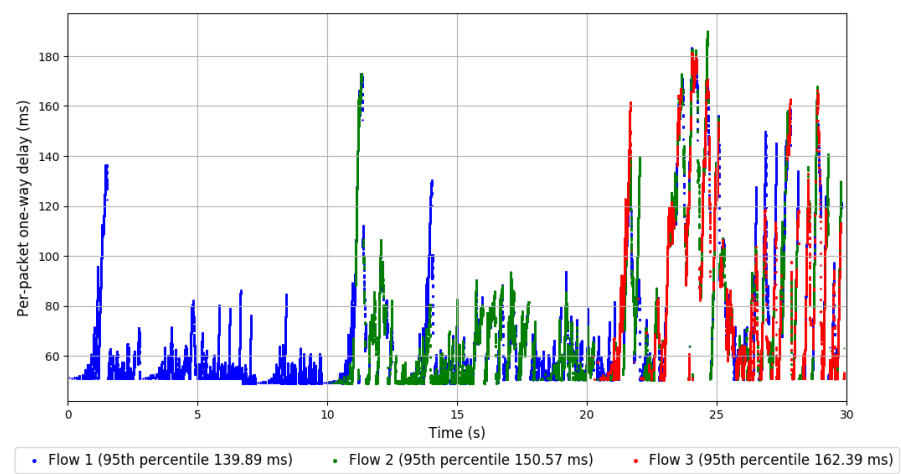
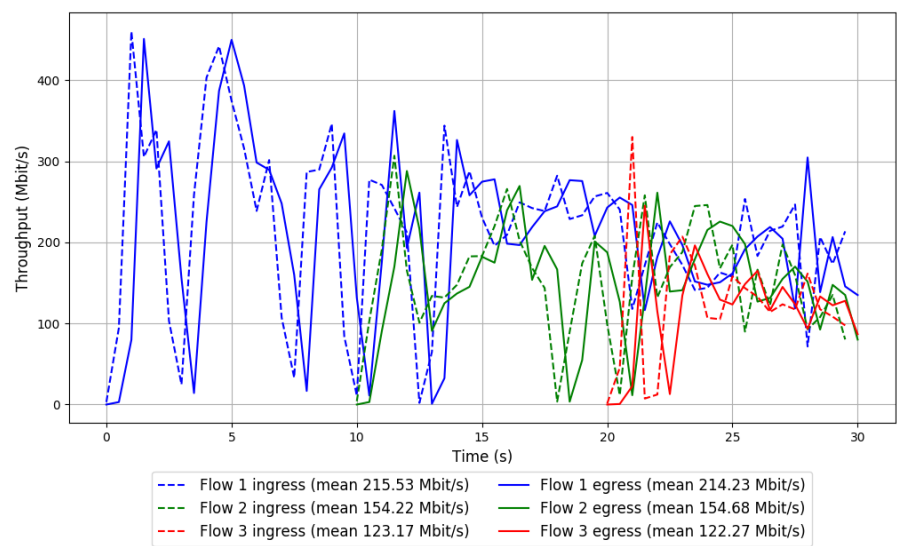


Run 4: Statistics of Verus

Start at: 2018-08-04 02:06:45
End at: 2018-08-04 02:07:15
Local clock offset: 0.456 ms
Remote clock offset: -0.027 ms

```
# Below is generated by plot.py at 2018-08-04 08:03:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 357.20 Mbit/s
95th percentile per-packet one-way delay: 148.684 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 214.23 Mbit/s
95th percentile per-packet one-way delay: 139.888 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 154.68 Mbit/s
95th percentile per-packet one-way delay: 150.567 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 122.27 Mbit/s
95th percentile per-packet one-way delay: 162.386 ms
Loss rate: 1.81%
```

Run 4: Report of Verus — Data Link

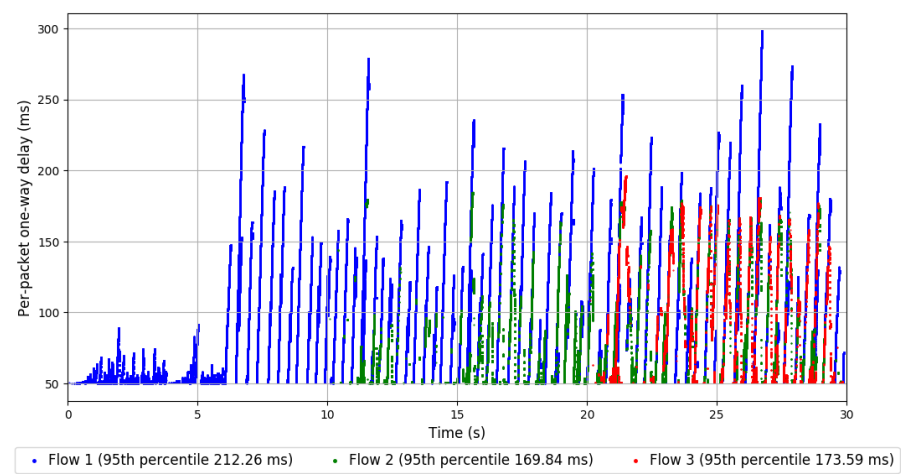
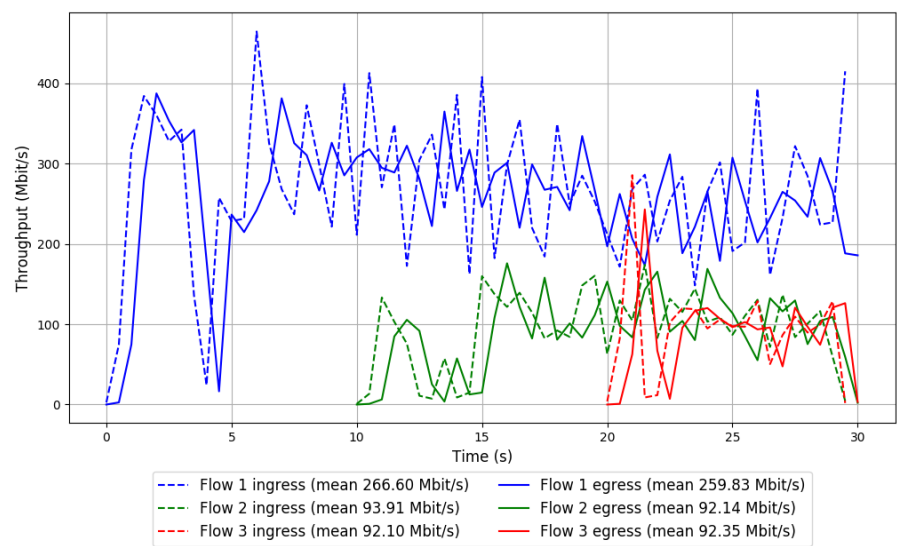


Run 5: Statistics of Verus

Start at: 2018-08-04 02:31:41
End at: 2018-08-04 02:32:11
Local clock offset: 0.117 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2018-08-04 08:03:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 350.76 Mbit/s
95th percentile per-packet one-way delay: 199.681 ms
Loss rate: 2.65%
-- Flow 1:
Average throughput: 259.83 Mbit/s
95th percentile per-packet one-way delay: 212.256 ms
Loss rate: 2.81%
-- Flow 2:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: 169.837 ms
Loss rate: 2.61%
-- Flow 3:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 173.587 ms
Loss rate: 1.34%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-08-04 02:56:29

End at: 2018-08-04 02:56:59

Local clock offset: 0.412 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2018-08-04 08:03:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 339.03 Mbit/s

95th percentile per-packet one-way delay: 123.409 ms

Loss rate: 0.48%

-- Flow 1:

Average throughput: 218.80 Mbit/s

95th percentile per-packet one-way delay: 121.251 ms

Loss rate: 0.44%

-- Flow 2:

Average throughput: 127.19 Mbit/s

95th percentile per-packet one-way delay: 112.465 ms

Loss rate: 0.00%

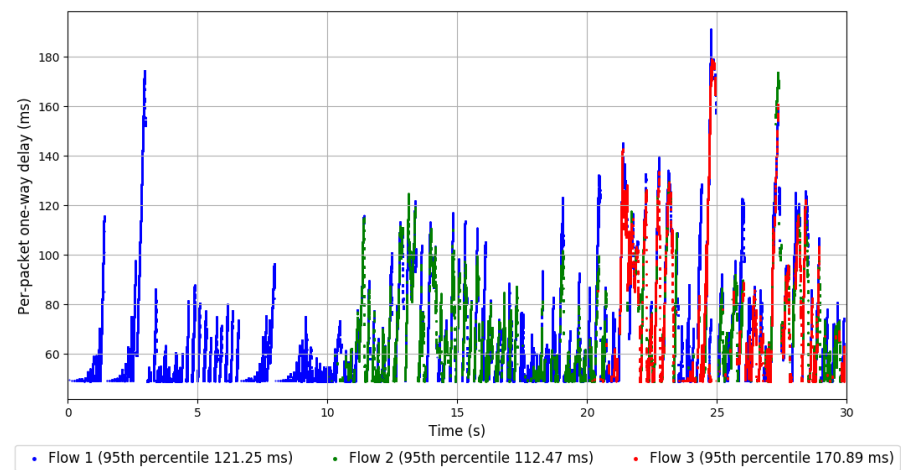
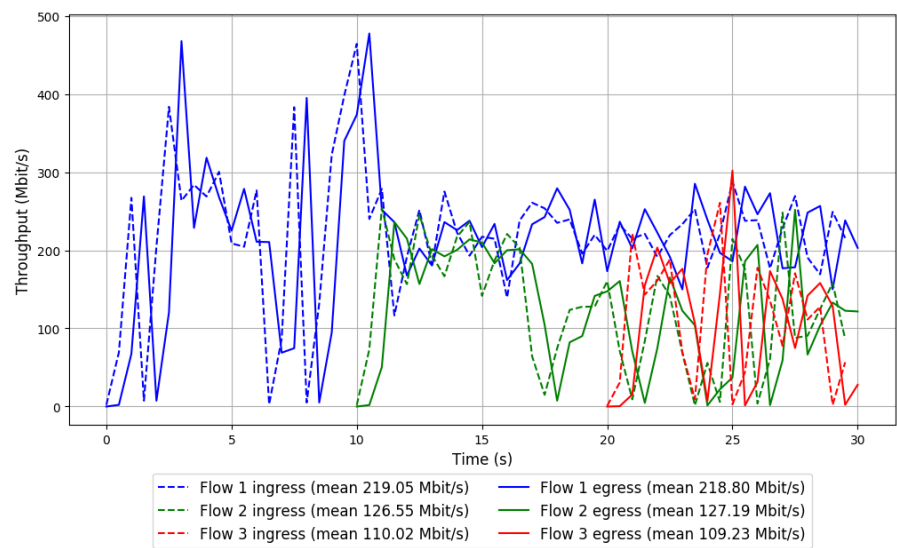
-- Flow 3:

Average throughput: 109.23 Mbit/s

95th percentile per-packet one-way delay: 170.890 ms

Loss rate: 1.84%

Run 6: Report of Verus — Data Link

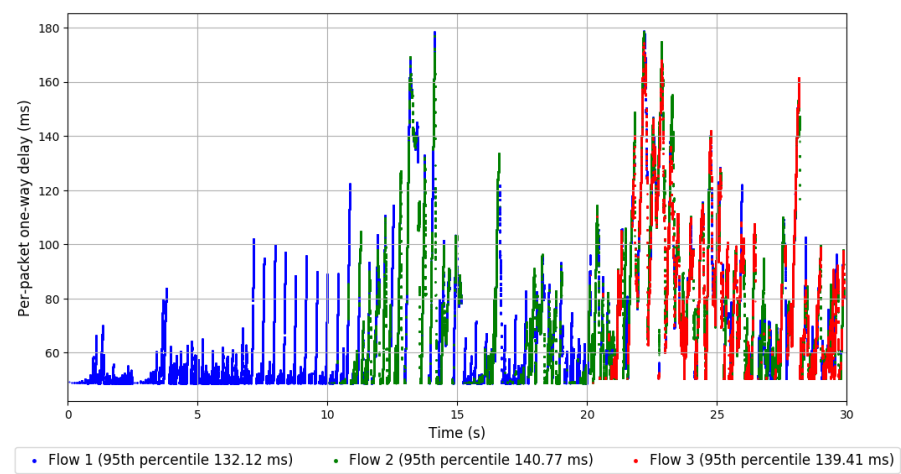
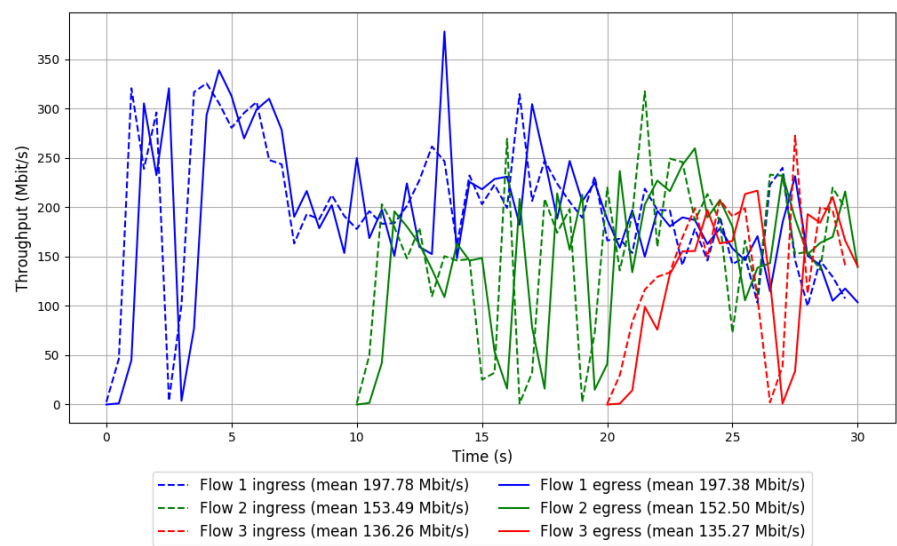


Run 7: Statistics of Verus

Start at: 2018-08-04 03:21:21
End at: 2018-08-04 03:21:51
Local clock offset: 0.1 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2018-08-04 08:03:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 343.02 Mbit/s
95th percentile per-packet one-way delay: 136.482 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 197.38 Mbit/s
95th percentile per-packet one-way delay: 132.117 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 152.50 Mbit/s
95th percentile per-packet one-way delay: 140.771 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 135.27 Mbit/s
95th percentile per-packet one-way delay: 139.414 ms
Loss rate: 1.36%

Run 7: Report of Verus — Data Link

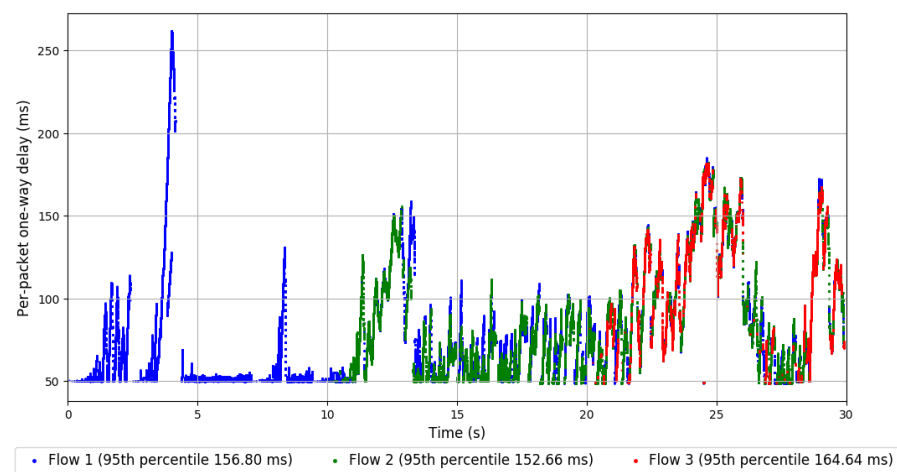
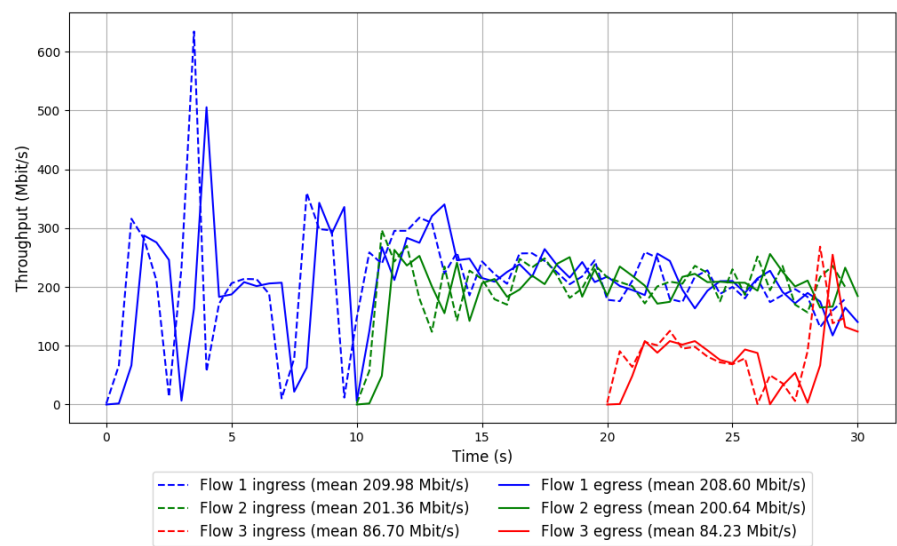


Run 8: Statistics of Verus

Start at: 2018-08-04 03:46:03
End at: 2018-08-04 03:46:33
Local clock offset: 0.093 ms
Remote clock offset: -0.132 ms

Below is generated by plot.py at 2018-08-04 08:05:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 369.57 Mbit/s
95th percentile per-packet one-way delay: 156.532 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 208.60 Mbit/s
95th percentile per-packet one-way delay: 156.798 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 200.64 Mbit/s
95th percentile per-packet one-way delay: 152.657 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 84.23 Mbit/s
95th percentile per-packet one-way delay: 164.637 ms
Loss rate: 4.15%

Run 8: Report of Verus — Data Link

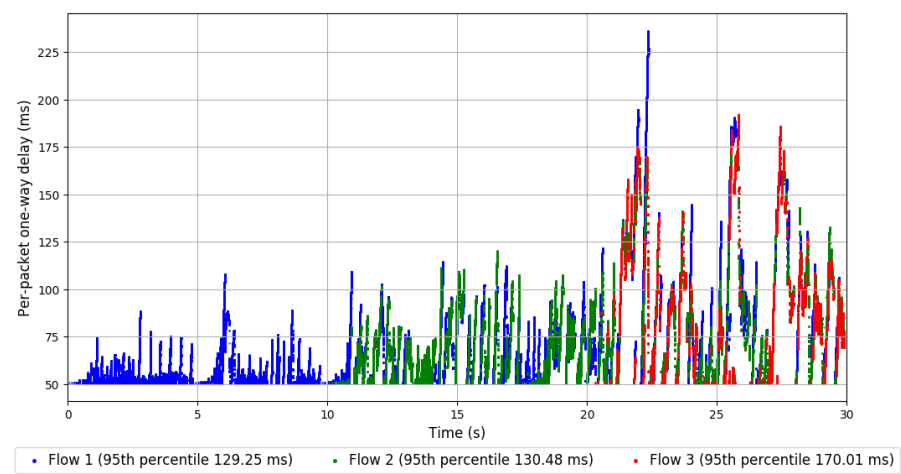
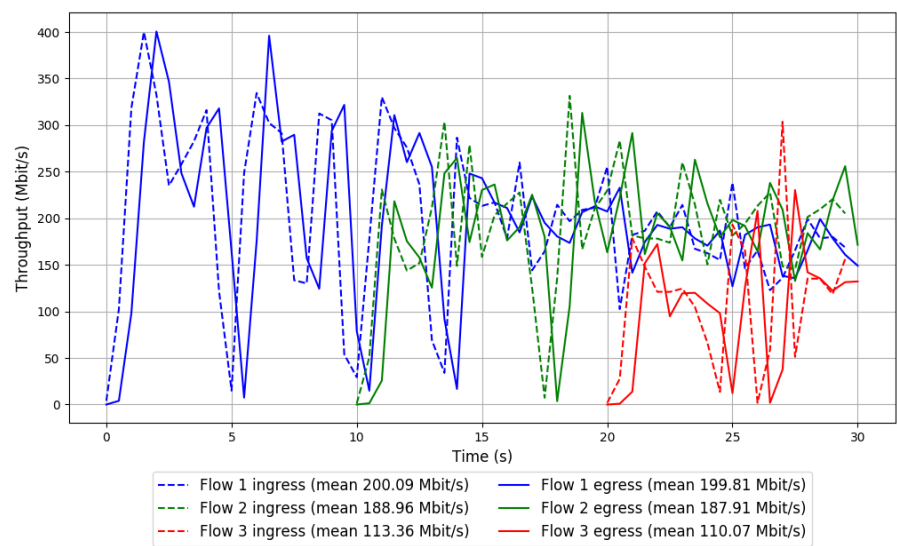


Run 9: Statistics of Verus

Start at: 2018-08-04 04:10:53
End at: 2018-08-04 04:11:23
Local clock offset: 0.006 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-08-04 08:08:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 360.37 Mbit/s
95th percentile per-packet one-way delay: 145.116 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 199.81 Mbit/s
95th percentile per-packet one-way delay: 129.253 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 187.91 Mbit/s
95th percentile per-packet one-way delay: 130.480 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 110.07 Mbit/s
95th percentile per-packet one-way delay: 170.014 ms
Loss rate: 3.08%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-08-04 04:35:50

End at: 2018-08-04 04:36:20

Local clock offset: -0.039 ms

Remote clock offset: -0.12 ms

Below is generated by plot.py at 2018-08-04 08:08:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 348.74 Mbit/s

95th percentile per-packet one-way delay: 186.324 ms

Loss rate: 0.97%

-- Flow 1:

Average throughput: 267.03 Mbit/s

95th percentile per-packet one-way delay: 191.844 ms

Loss rate: 0.47%

-- Flow 2:

Average throughput: 76.57 Mbit/s

95th percentile per-packet one-way delay: 160.771 ms

Loss rate: 2.46%

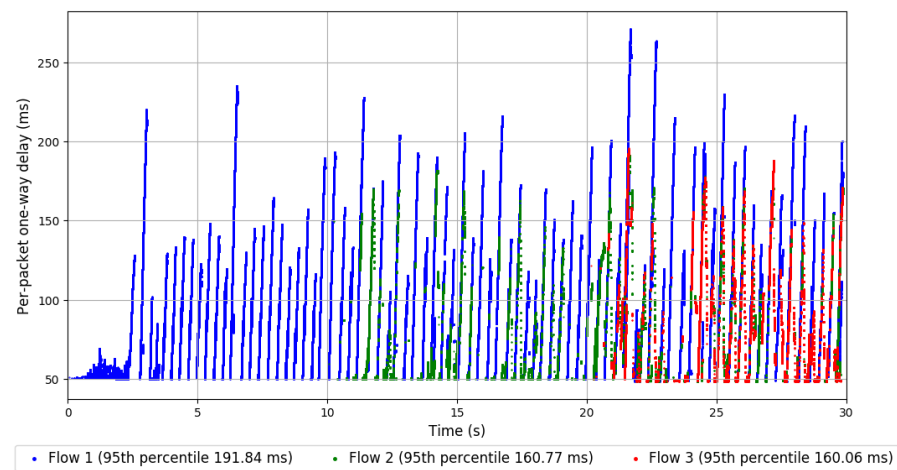
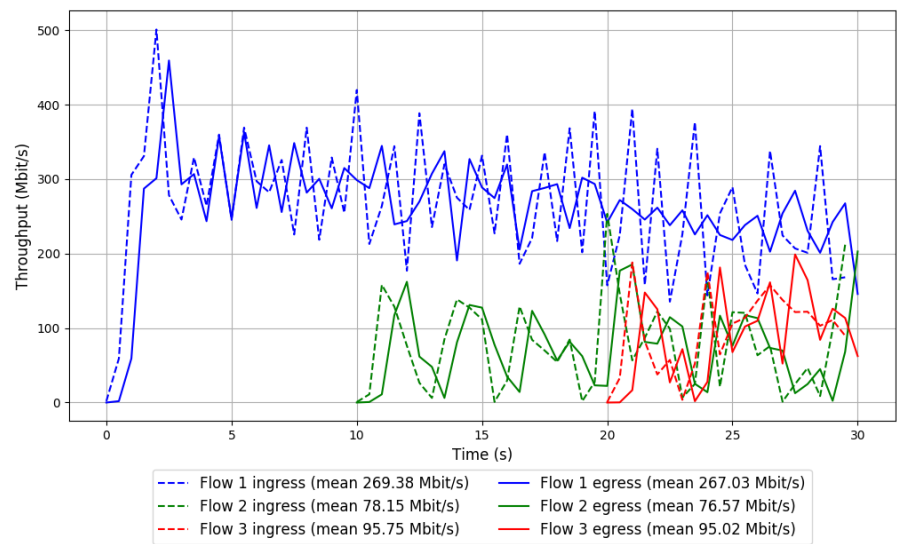
-- Flow 3:

Average throughput: 95.02 Mbit/s

95th percentile per-packet one-way delay: 160.064 ms

Loss rate: 2.73%

Run 10: Report of Verus — Data Link

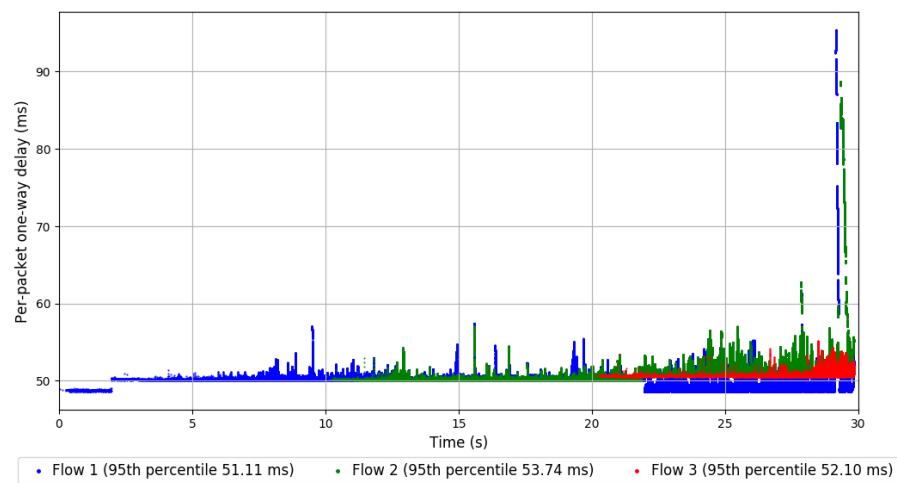
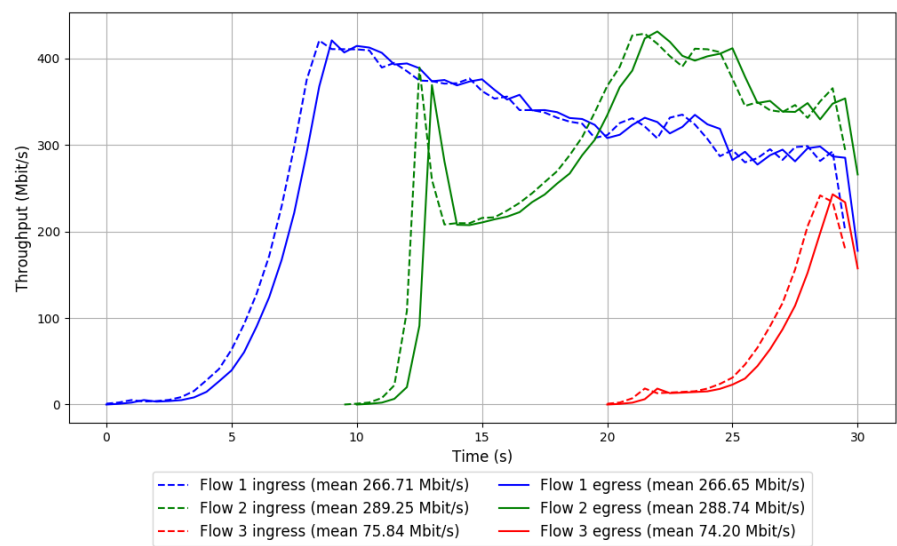


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-04 00:35:19
End at: 2018-08-04 00:35:49
Local clock offset: -0.003 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2018-08-04 08:13:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 482.76 Mbit/s
95th percentile per-packet one-way delay: 52.445 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 266.65 Mbit/s
95th percentile per-packet one-way delay: 51.107 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 288.74 Mbit/s
95th percentile per-packet one-way delay: 53.737 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 74.20 Mbit/s
95th percentile per-packet one-way delay: 52.102 ms
Loss rate: 3.17%

Run 1: Report of PCC-Vivace — Data Link

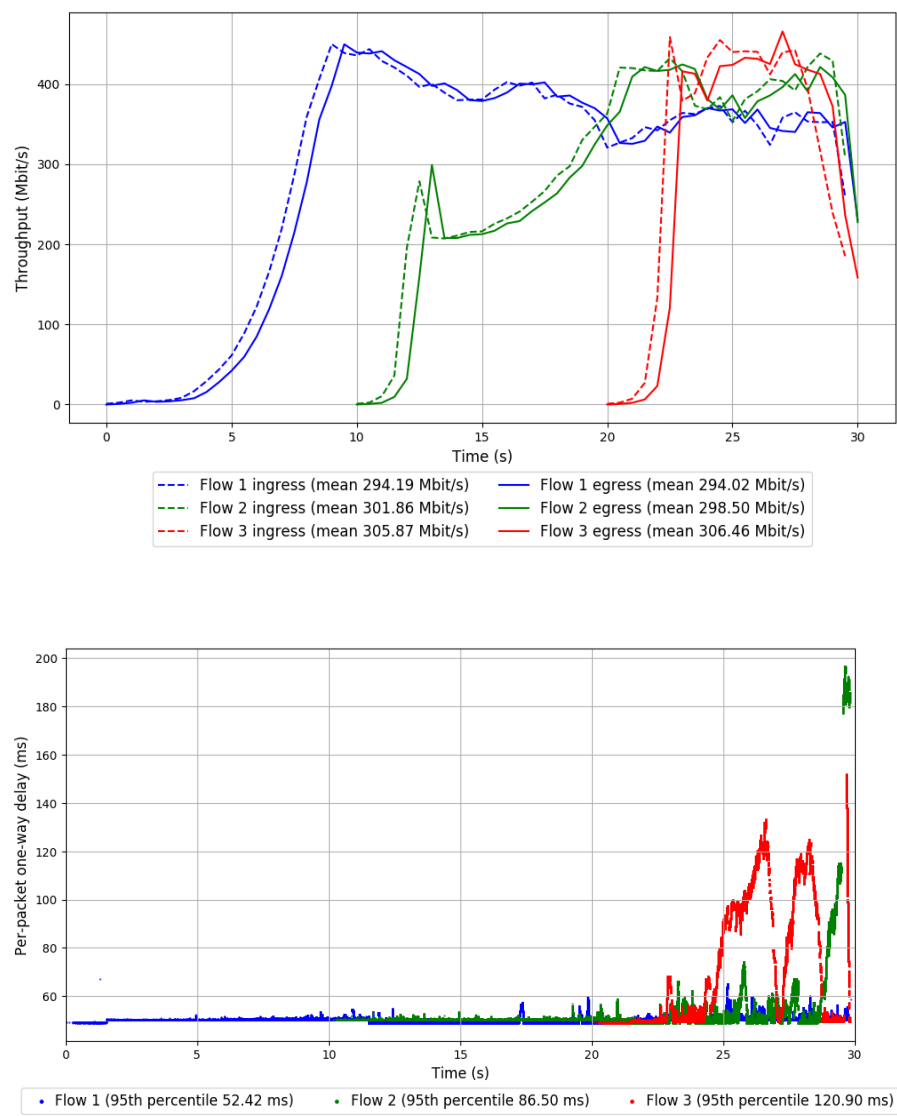


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-04 01:00:00
End at: 2018-08-04 01:00:30
Local clock offset: -0.249 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2018-08-04 08:16:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 592.69 Mbit/s
95th percentile per-packet one-way delay: 102.875 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 294.02 Mbit/s
95th percentile per-packet one-way delay: 52.419 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 298.50 Mbit/s
95th percentile per-packet one-way delay: 86.505 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 306.46 Mbit/s
95th percentile per-packet one-way delay: 120.903 ms
Loss rate: 0.83%

Run 2: Report of PCC-Vivace — Data Link

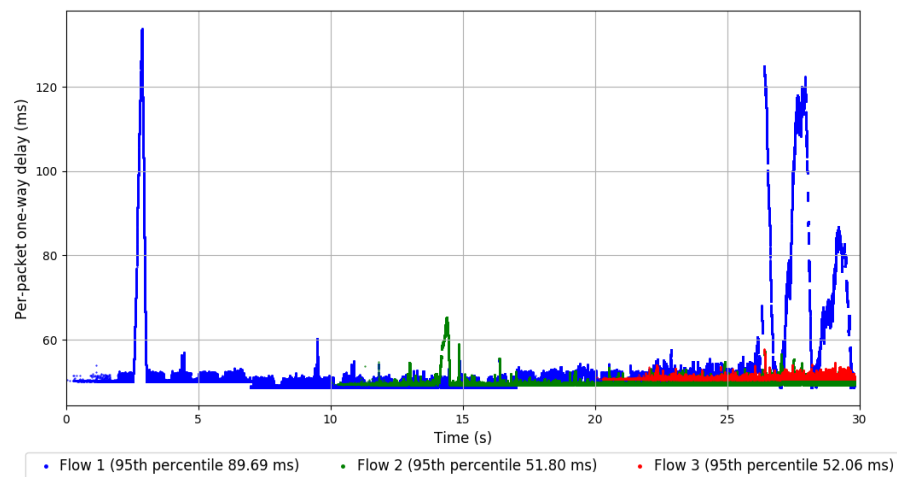
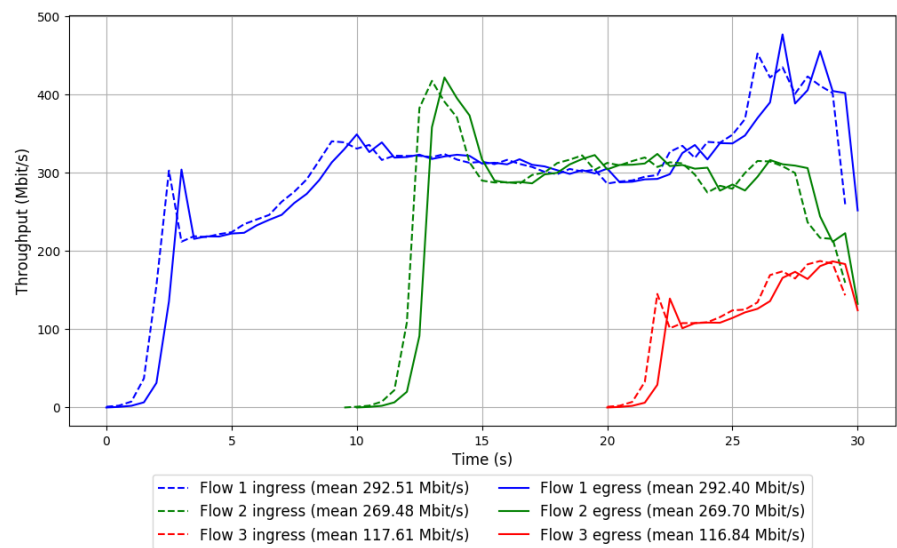


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-04 01:25:04
End at: 2018-08-04 01:25:34
Local clock offset: 0.131 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2018-08-04 08:16:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 509.82 Mbit/s
95th percentile per-packet one-way delay: 73.347 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 292.40 Mbit/s
95th percentile per-packet one-way delay: 89.695 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 269.70 Mbit/s
95th percentile per-packet one-way delay: 51.801 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 116.84 Mbit/s
95th percentile per-packet one-way delay: 52.058 ms
Loss rate: 1.70%

Run 3: Report of PCC-Vivace — Data Link

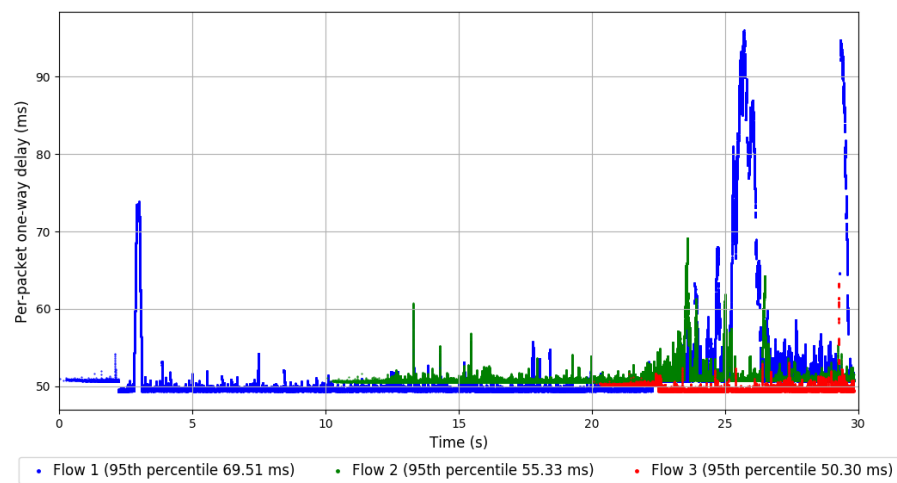
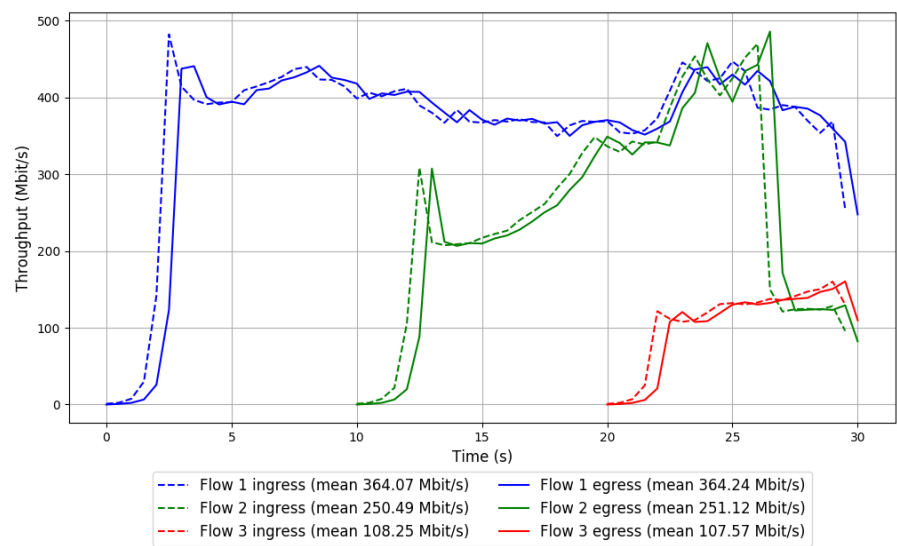


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-04 01:50:09
End at: 2018-08-04 01:50:39
Local clock offset: 0.141 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-08-04 08:16:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 566.22 Mbit/s
95th percentile per-packet one-way delay: 60.143 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 364.24 Mbit/s
95th percentile per-packet one-way delay: 69.508 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 251.12 Mbit/s
95th percentile per-packet one-way delay: 55.332 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 107.57 Mbit/s
95th percentile per-packet one-way delay: 50.297 ms
Loss rate: 1.65%

Run 4: Report of PCC-Vivace — Data Link

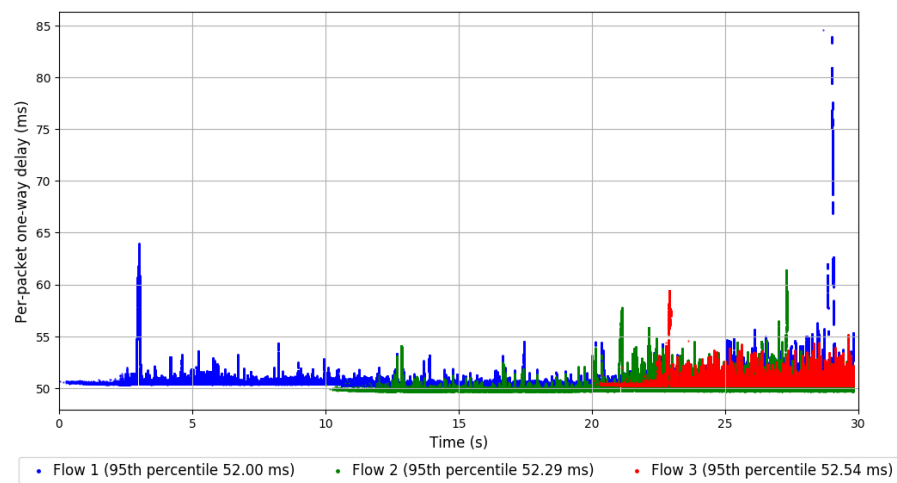
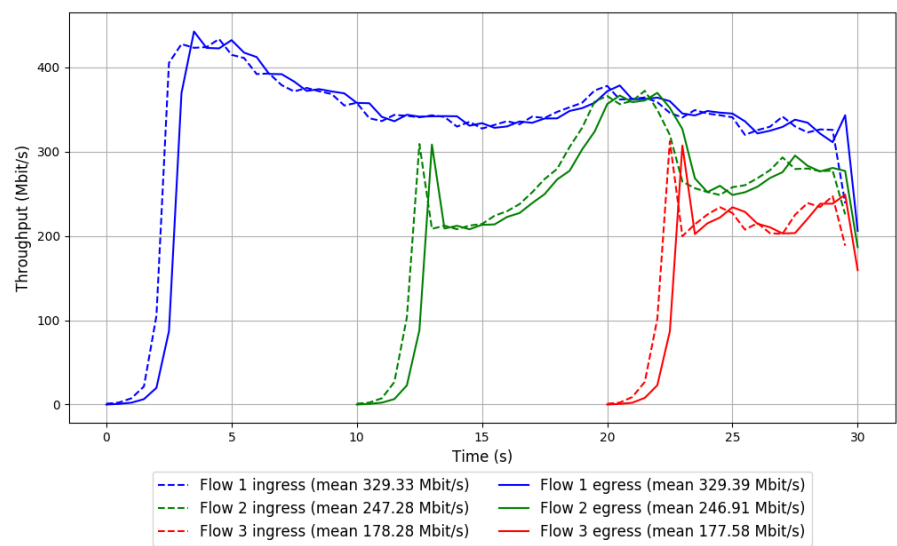


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-04 02:15:01
End at: 2018-08-04 02:15:31
Local clock offset: -0.24 ms
Remote clock offset: -0.049 ms

Below is generated by plot.py at 2018-08-04 08:16:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 551.49 Mbit/s
95th percentile per-packet one-way delay: 52.190 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 329.39 Mbit/s
95th percentile per-packet one-way delay: 52.002 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 246.91 Mbit/s
95th percentile per-packet one-way delay: 52.286 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 177.58 Mbit/s
95th percentile per-packet one-way delay: 52.539 ms
Loss rate: 1.43%

Run 5: Report of PCC-Vivace — Data Link

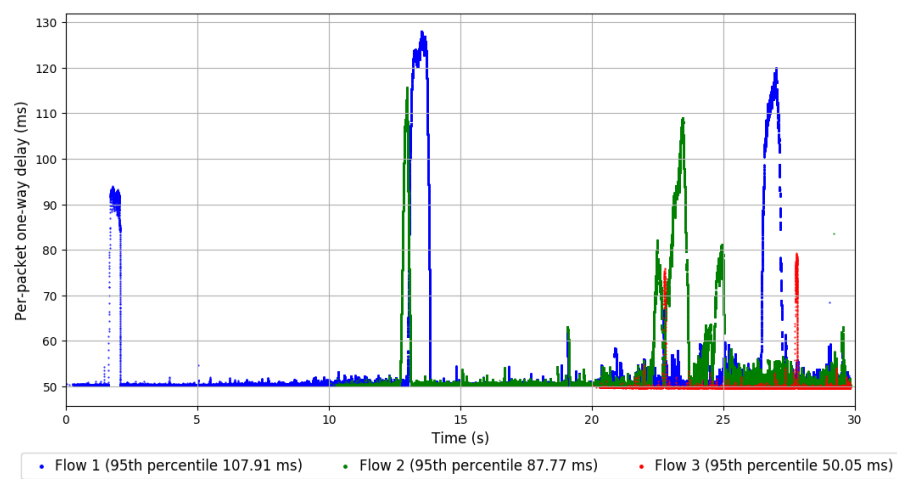
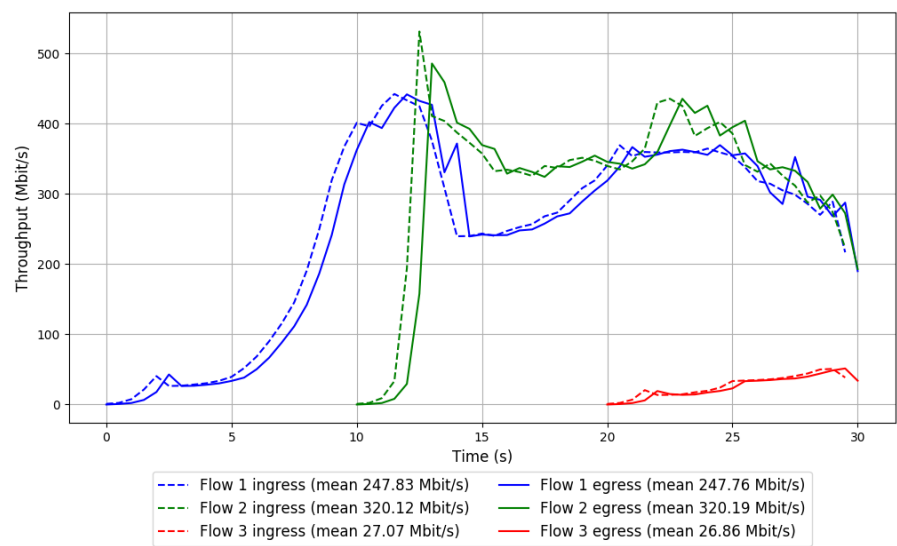


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-04 02:40:01
End at: 2018-08-04 02:40:31
Local clock offset: -0.288 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-08-04 08:17:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 469.06 Mbit/s
95th percentile per-packet one-way delay: 92.651 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 247.76 Mbit/s
95th percentile per-packet one-way delay: 107.912 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 320.19 Mbit/s
95th percentile per-packet one-way delay: 87.767 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 50.052 ms
Loss rate: 1.84%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-08-04 03:04:44

End at: 2018-08-04 03:05:14

Local clock offset: 0.392 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2018-08-04 08:20:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 606.37 Mbit/s

95th percentile per-packet one-way delay: 55.116 ms

Loss rate: 0.41%

-- Flow 1:

Average throughput: 374.83 Mbit/s

95th percentile per-packet one-way delay: 54.703 ms

Loss rate: 0.34%

-- Flow 2:

Average throughput: 326.17 Mbit/s

95th percentile per-packet one-way delay: 56.852 ms

Loss rate: 0.48%

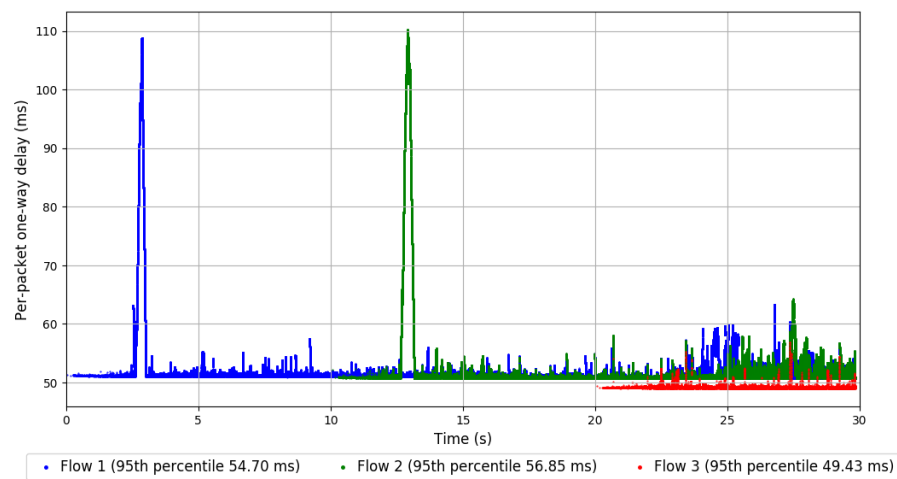
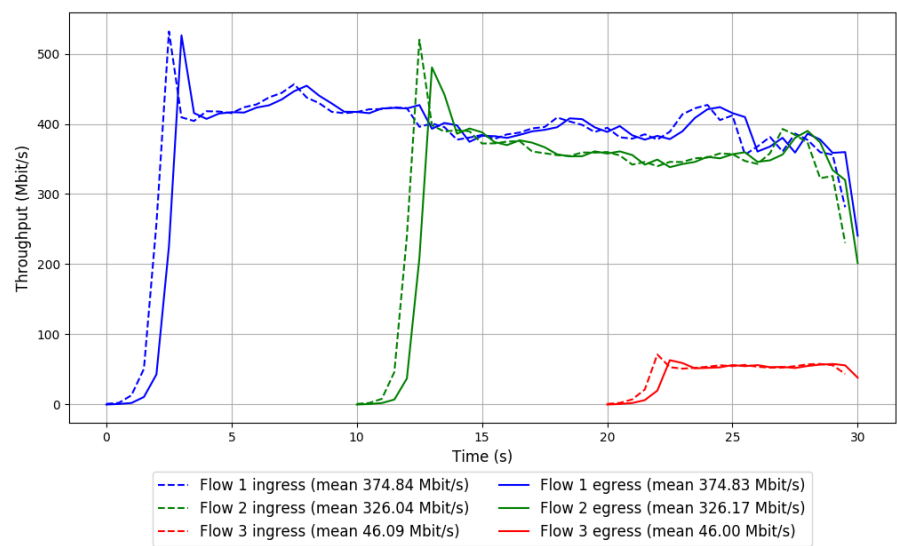
-- Flow 3:

Average throughput: 46.00 Mbit/s

95th percentile per-packet one-way delay: 49.433 ms

Loss rate: 1.23%

Run 7: Report of PCC-Vivace — Data Link

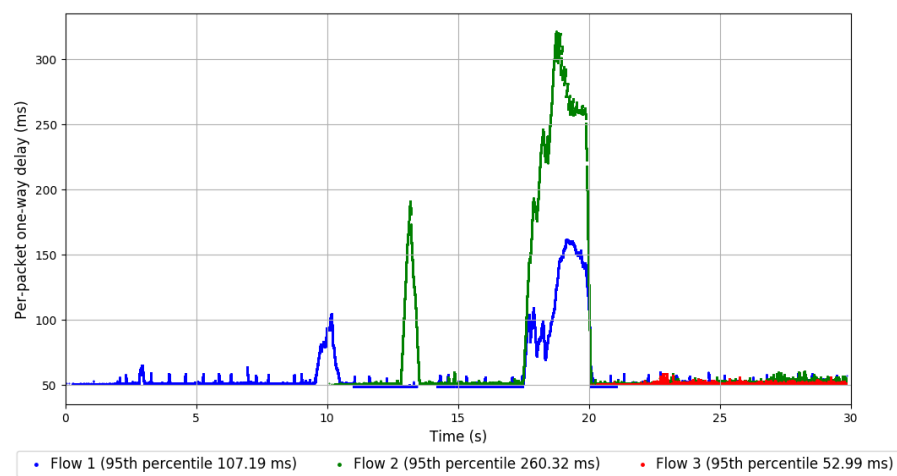
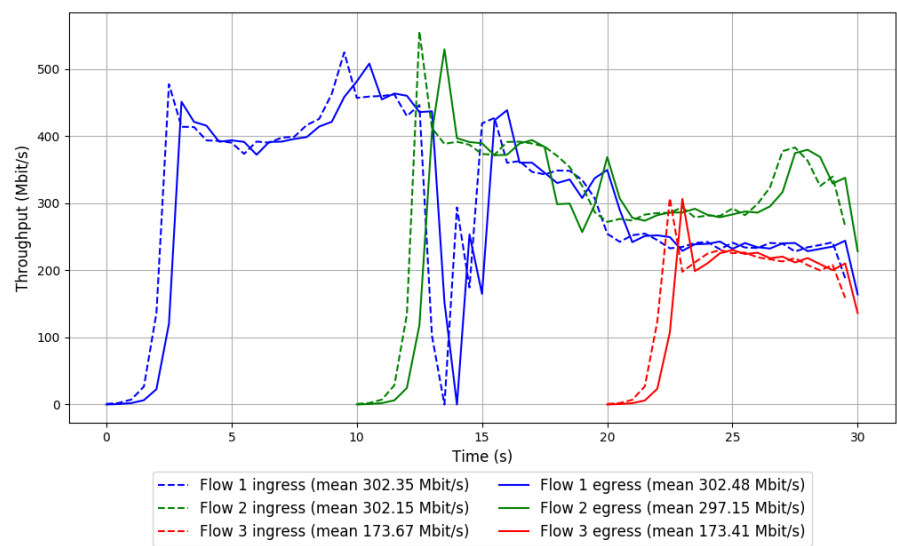


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-04 03:29:40
End at: 2018-08-04 03:30:10
Local clock offset: 0.07 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-08-04 08:20:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 556.55 Mbit/s
95th percentile per-packet one-way delay: 158.854 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 302.48 Mbit/s
95th percentile per-packet one-way delay: 107.185 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 297.15 Mbit/s
95th percentile per-packet one-way delay: 260.324 ms
Loss rate: 2.17%
-- Flow 3:
Average throughput: 173.41 Mbit/s
95th percentile per-packet one-way delay: 52.987 ms
Loss rate: 1.18%

Run 8: Report of PCC-Vivace — Data Link

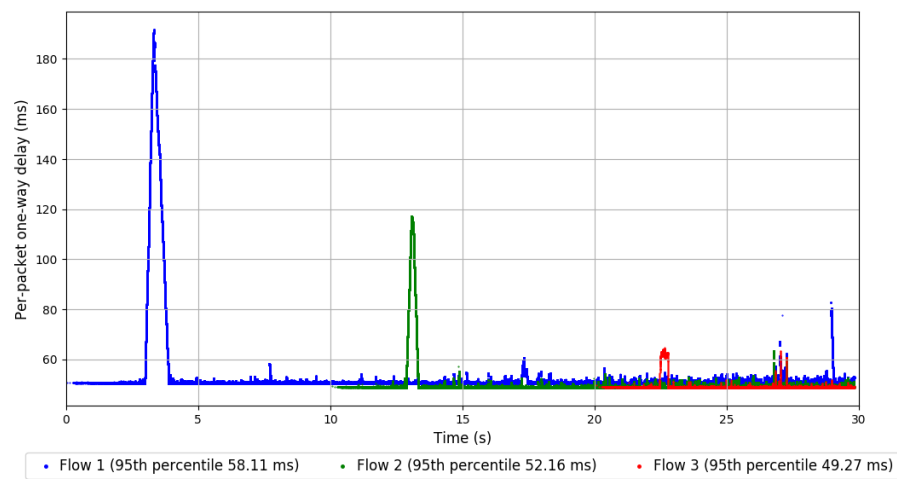
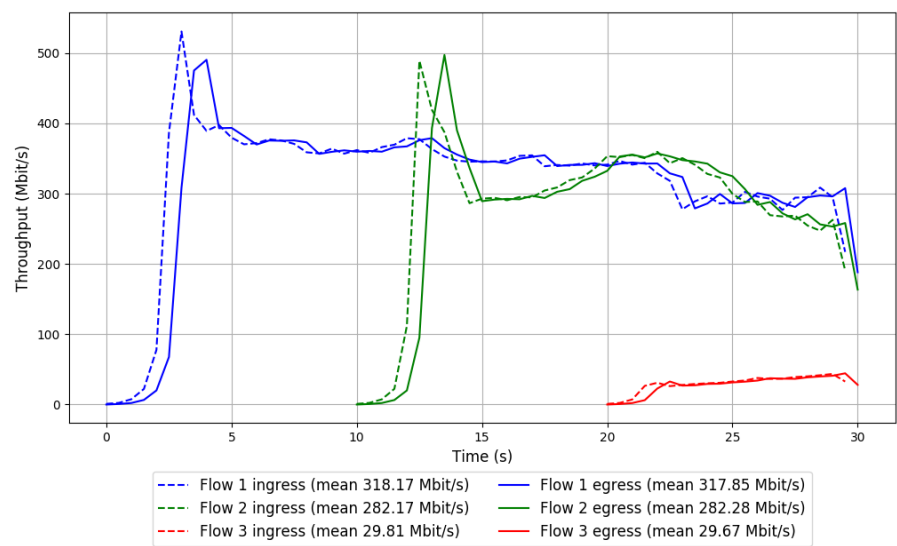


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-04 03:54:20
End at: 2018-08-04 03:54:50
Local clock offset: 0.08 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2018-08-04 08:20:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 514.91 Mbit/s
95th percentile per-packet one-way delay: 55.321 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 317.85 Mbit/s
95th percentile per-packet one-way delay: 58.107 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 282.28 Mbit/s
95th percentile per-packet one-way delay: 52.165 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 29.67 Mbit/s
95th percentile per-packet one-way delay: 49.274 ms
Loss rate: 1.47%

Run 9: Report of PCC-Vivace — Data Link

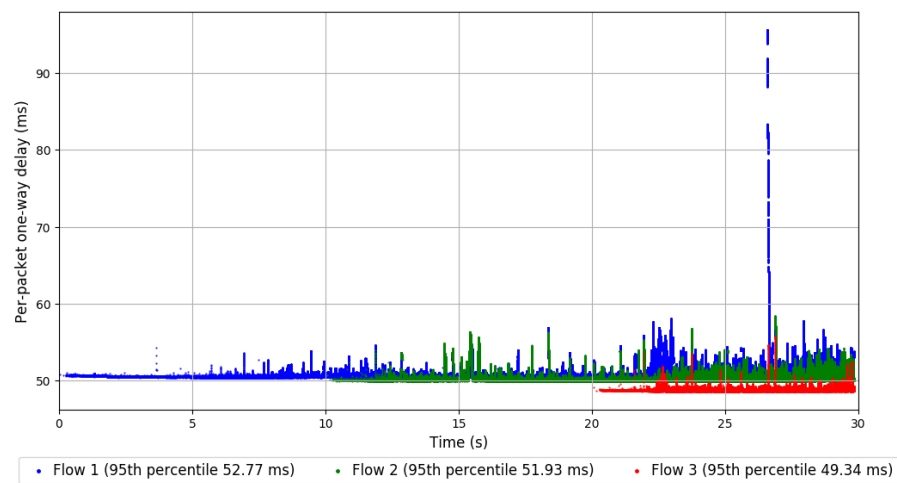
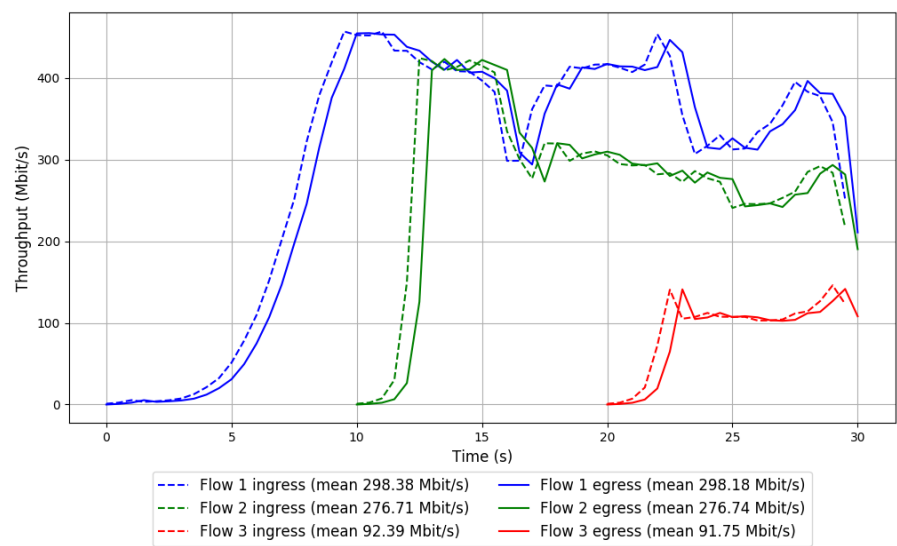


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-04 04:19:10
End at: 2018-08-04 04:19:40
Local clock offset: -0.069 ms
Remote clock offset: -0.096 ms

Below is generated by plot.py at 2018-08-04 08:20:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 511.95 Mbit/s
95th percentile per-packet one-way delay: 52.432 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 298.18 Mbit/s
95th percentile per-packet one-way delay: 52.774 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 276.74 Mbit/s
95th percentile per-packet one-way delay: 51.932 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 91.75 Mbit/s
95th percentile per-packet one-way delay: 49.336 ms
Loss rate: 1.70%

Run 10: Report of PCC-Vivace — Data Link

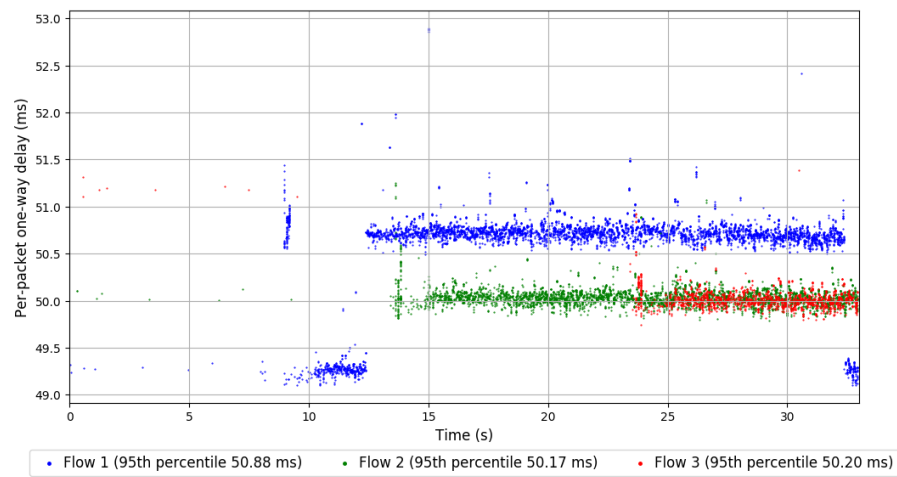
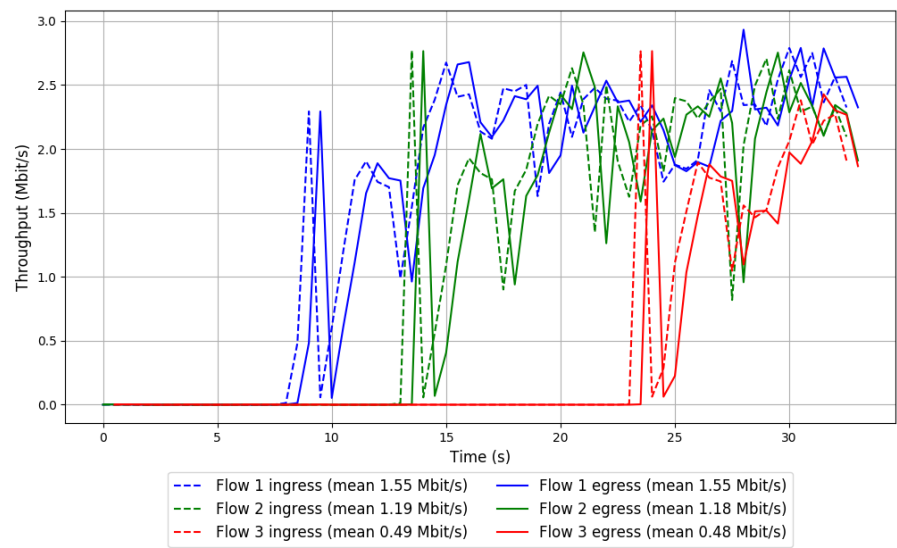


Run 1: Statistics of WebRTC media

Start at: 2018-08-04 00:41:42
End at: 2018-08-04 00:42:12
Local clock offset: 0.474 ms
Remote clock offset: -0.091 ms

Below is generated by plot.py at 2018-08-04 08:20:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.20 Mbit/s
95th percentile per-packet one-way delay: 50.813 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 50.875 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 50.175 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 50.195 ms
Loss rate: 0.57%

Run 1: Report of WebRTC media — Data Link

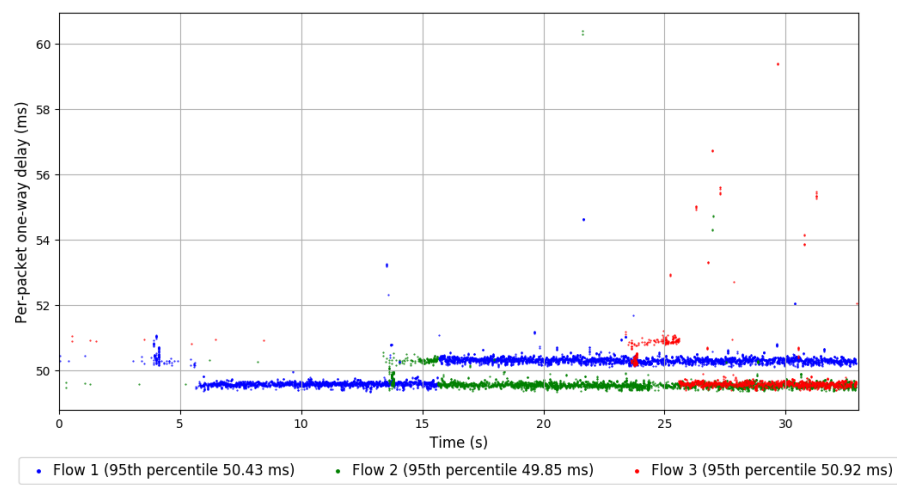
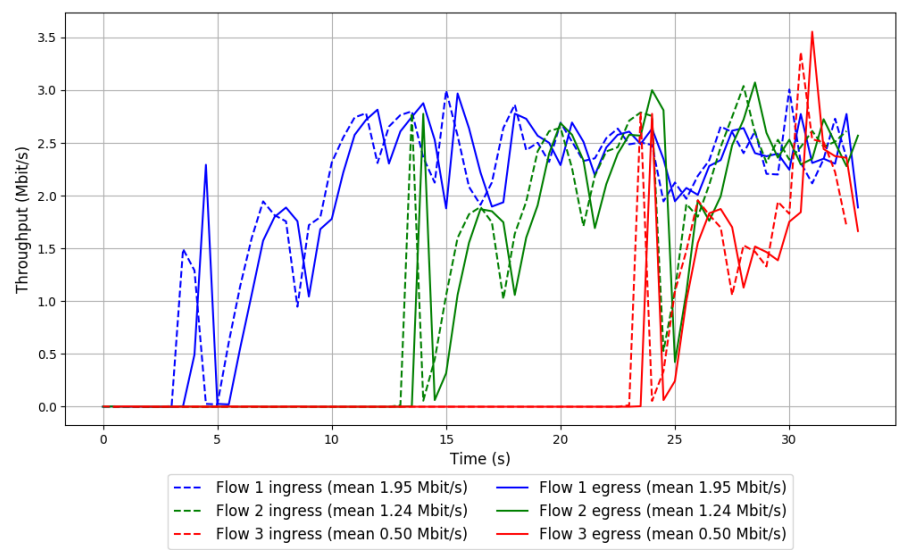


Run 2: Statistics of WebRTC media

Start at: 2018-08-04 01:06:29
End at: 2018-08-04 01:06:59
Local clock offset: 0.127 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2018-08-04 08:20:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 50.422 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 50.434 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 49.846 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 50.916 ms
Loss rate: 0.54%

Run 2: Report of WebRTC media — Data Link

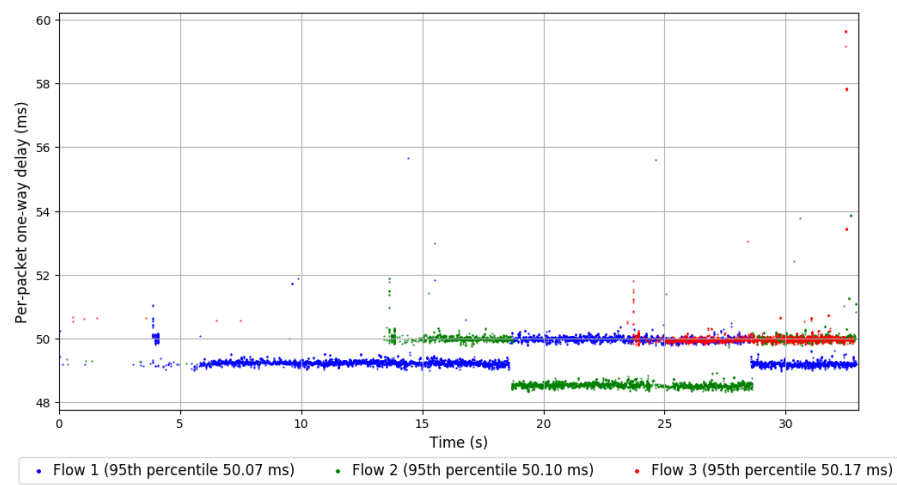
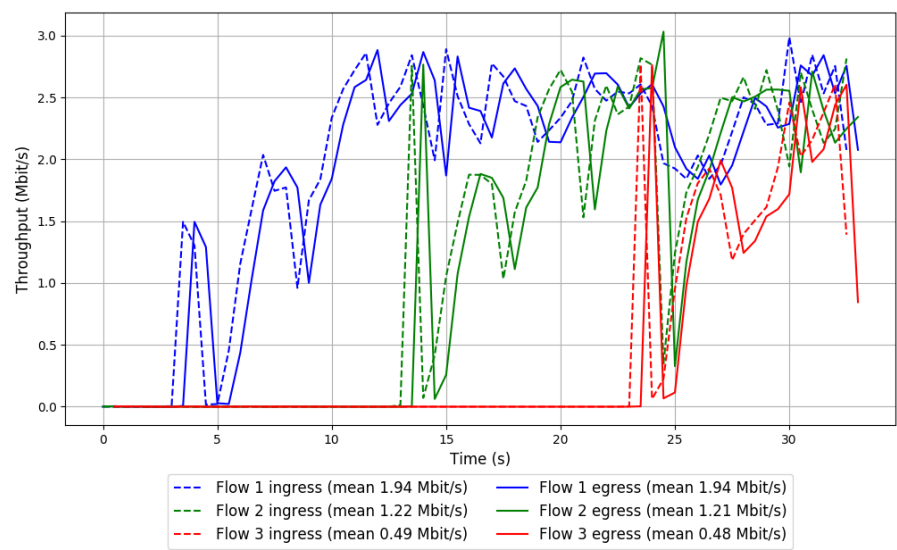


Run 3: Statistics of WebRTC media

Start at: 2018-08-04 01:31:36
End at: 2018-08-04 01:32:06
Local clock offset: -0.199 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2018-08-04 08:20:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 50.095 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 50.066 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 50.103 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 50.173 ms
Loss rate: 2.54%

Run 3: Report of WebRTC media — Data Link

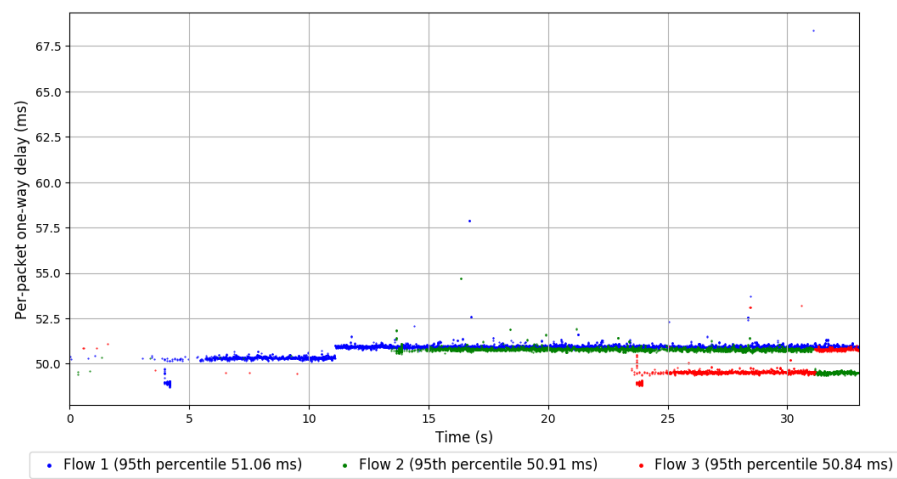
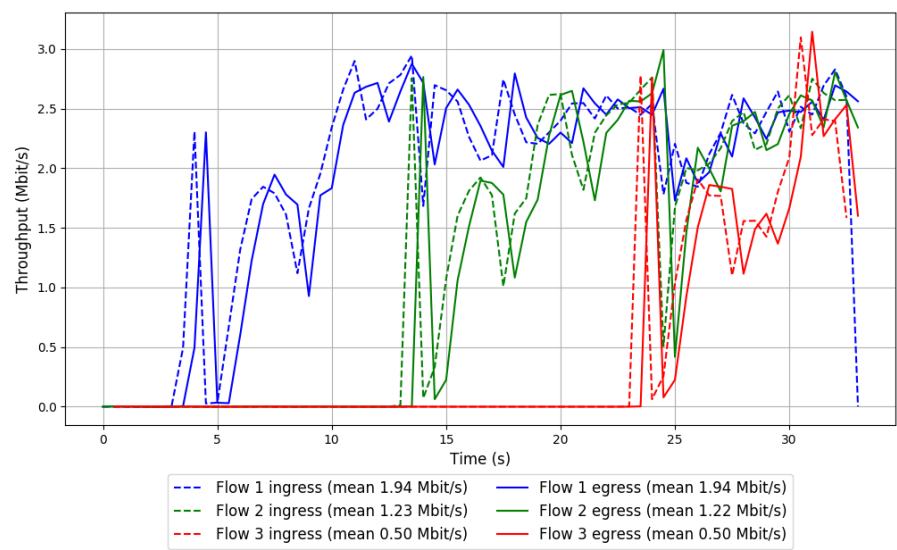


Run 4: Statistics of WebRTC media

Start at: 2018-08-04 01:56:33
End at: 2018-08-04 01:57:03
Local clock offset: 0.134 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2018-08-04 08:20:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 51.032 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 51.062 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 50.913 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 50.835 ms
Loss rate: 0.35%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-08-04 02:21:26

End at: 2018-08-04 02:21:56

Local clock offset: 0.152 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2018-08-04 08:20:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.66 Mbit/s

95th percentile per-packet one-way delay: 50.975 ms

Loss rate: 0.71%

-- Flow 1:

Average throughput: 1.96 Mbit/s

95th percentile per-packet one-way delay: 50.955 ms

Loss rate: 0.35%

-- Flow 2:

Average throughput: 1.22 Mbit/s

95th percentile per-packet one-way delay: 51.004 ms

Loss rate: 0.68%

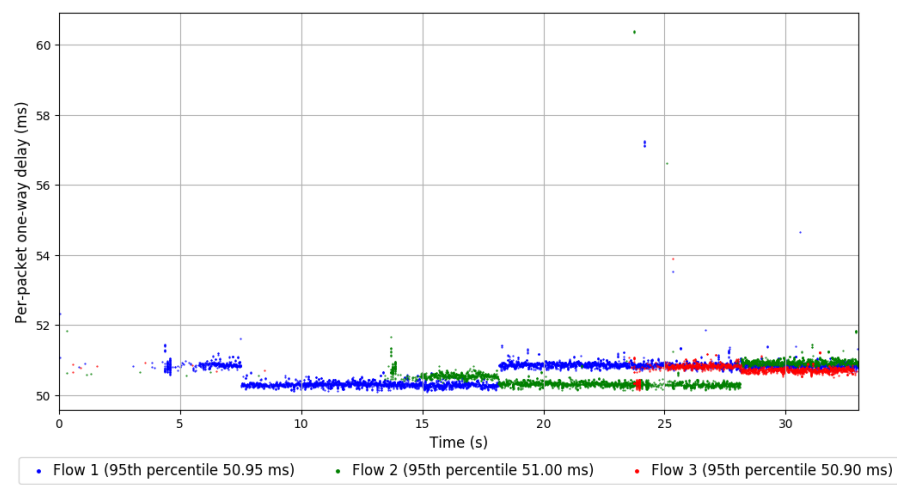
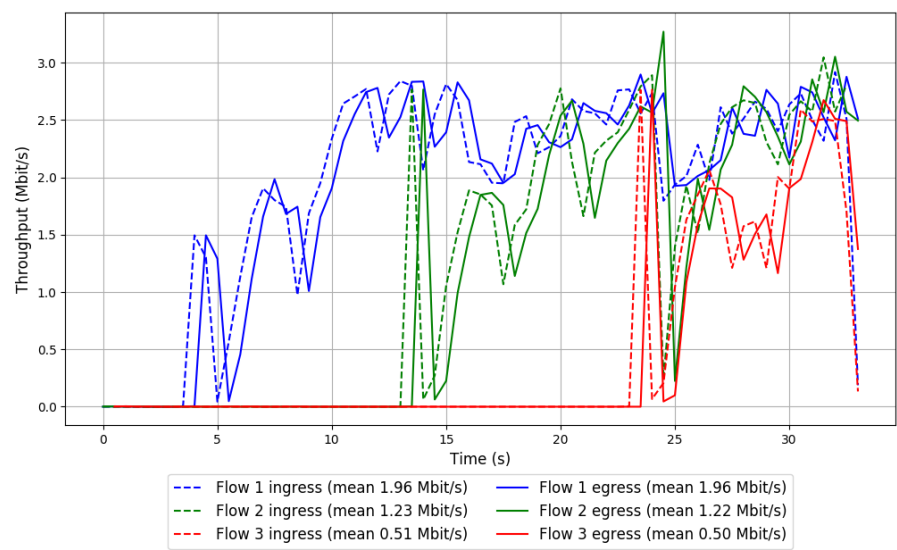
-- Flow 3:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 50.896 ms

Loss rate: 2.20%

Run 5: Report of WebRTC media — Data Link

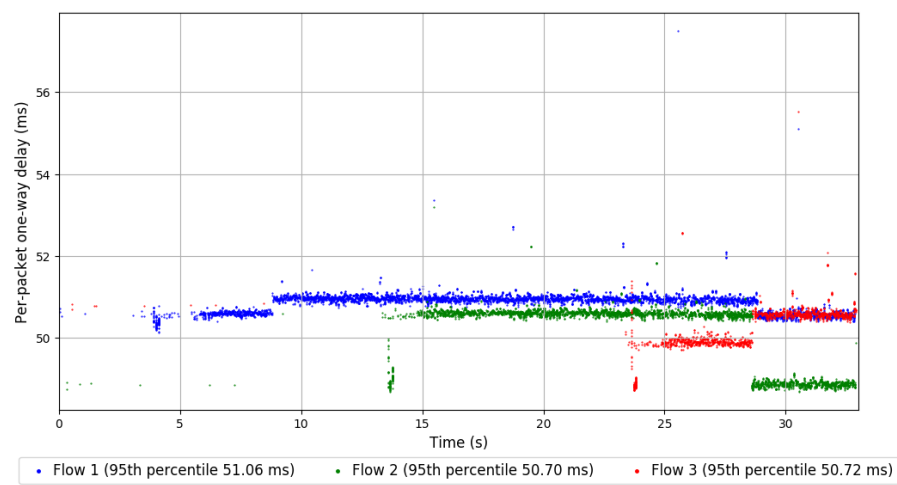
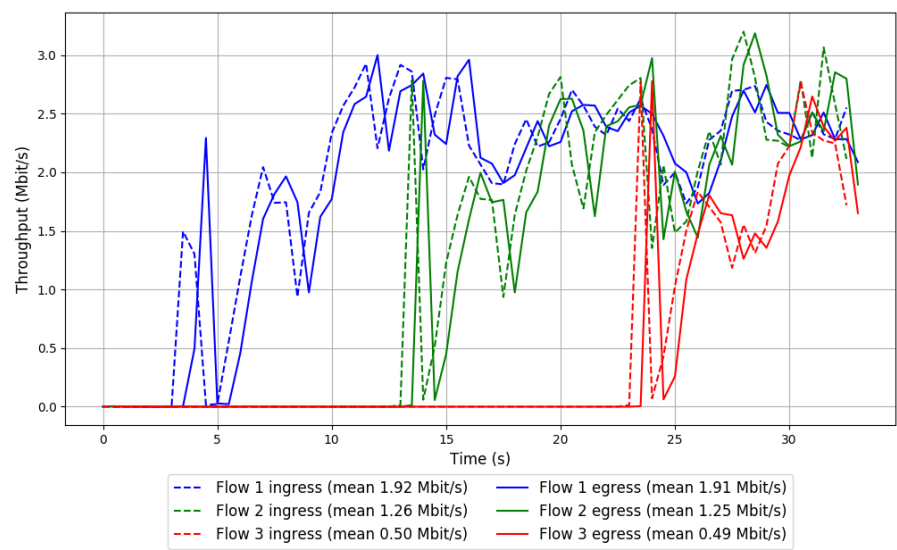


Run 6: Statistics of WebRTC media

Start at: 2018-08-04 02:46:26
End at: 2018-08-04 02:46:56
Local clock offset: 0.051 ms
Remote clock offset: -0.089 ms

Below is generated by plot.py at 2018-08-04 08:20:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 51.035 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 51.064 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 50.698 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 50.724 ms
Loss rate: 0.62%

Run 6: Report of WebRTC media — Data Link

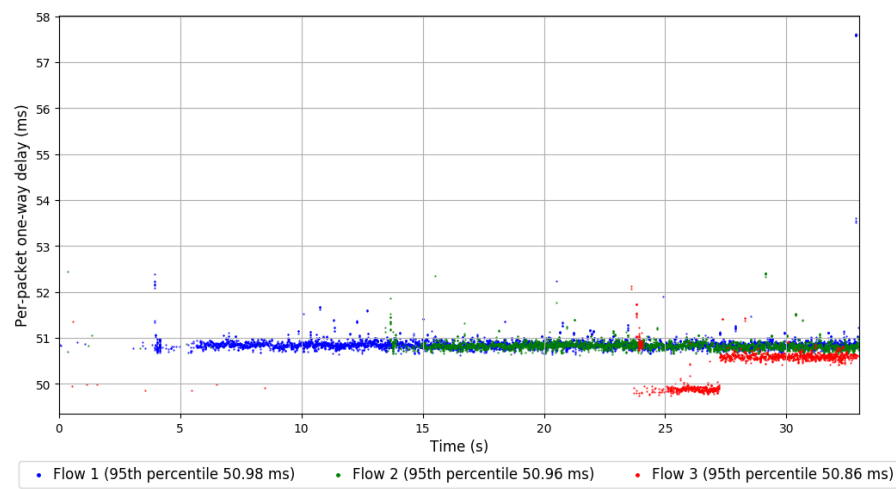
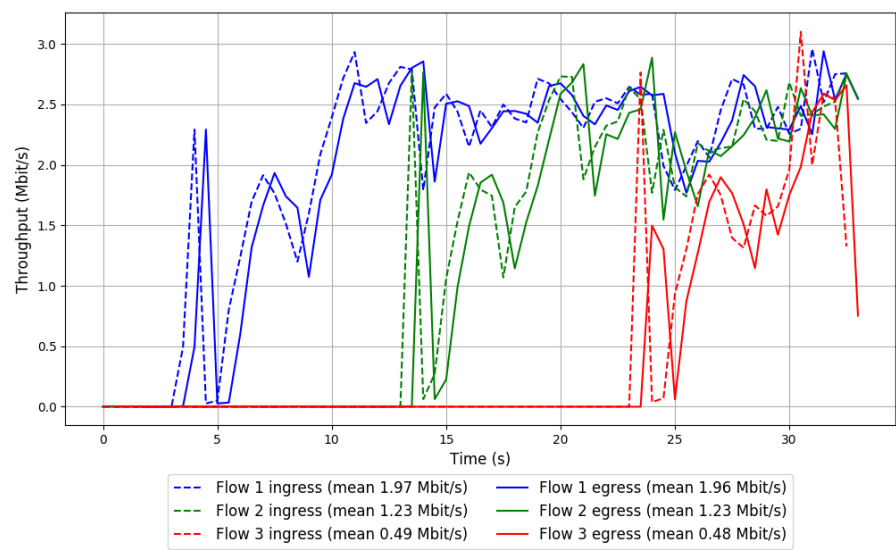


Run 7: Statistics of WebRTC media

Start at: 2018-08-04 03:11:17
End at: 2018-08-04 03:11:47
Local clock offset: 0.067 ms
Remote clock offset: -0.022 ms

Below is generated by plot.py at 2018-08-04 08:20:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.65 Mbit/s
95th percentile per-packet one-way delay: 50.972 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 50.984 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 50.961 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 50.861 ms
Loss rate: 2.28%

Run 7: Report of WebRTC media — Data Link

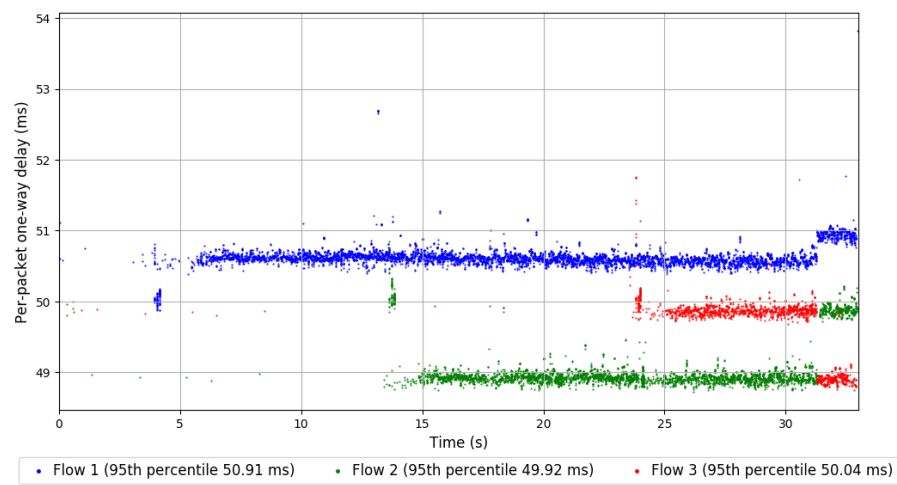
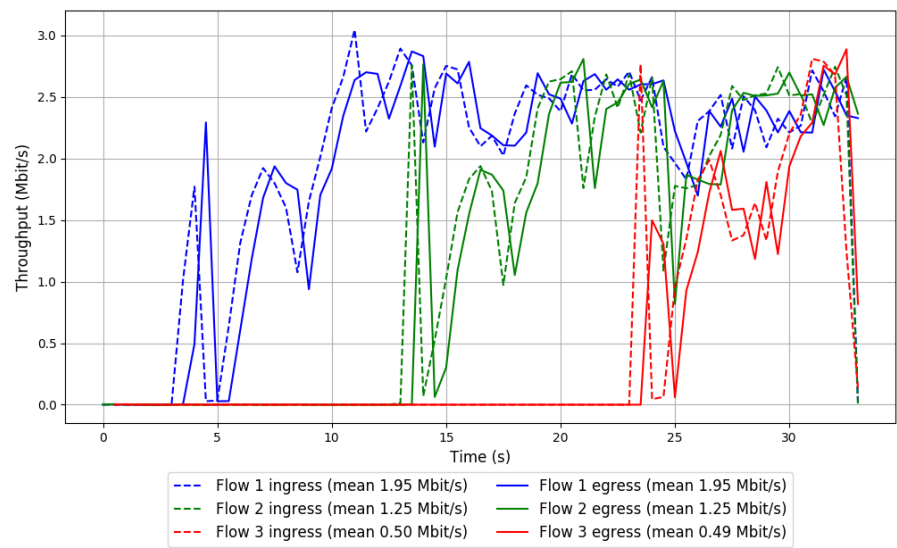


Run 8: Statistics of WebRTC media

Start at: 2018-08-04 03:36:03
End at: 2018-08-04 03:36:33
Local clock offset: 0.023 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-08-04 08:20:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.66 Mbit/s
95th percentile per-packet one-way delay: 50.745 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 50.908 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 49.922 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 50.042 ms
Loss rate: 2.23%

Run 8: Report of WebRTC media — Data Link

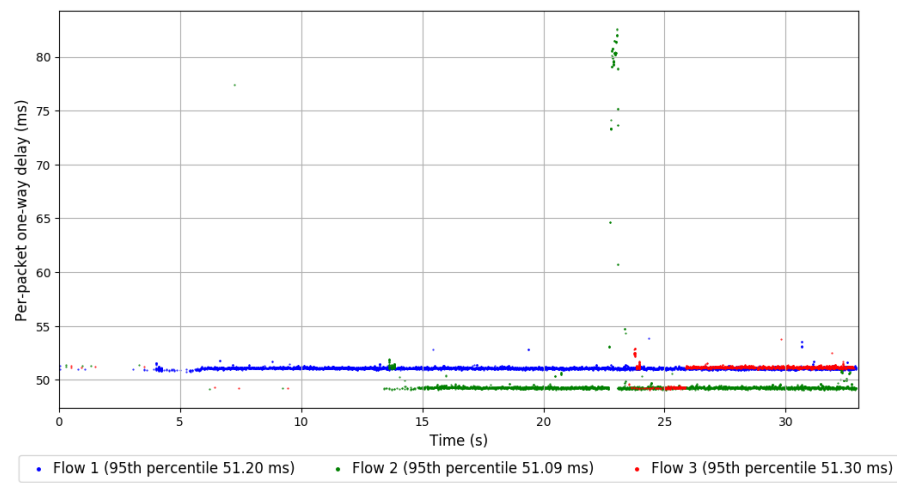
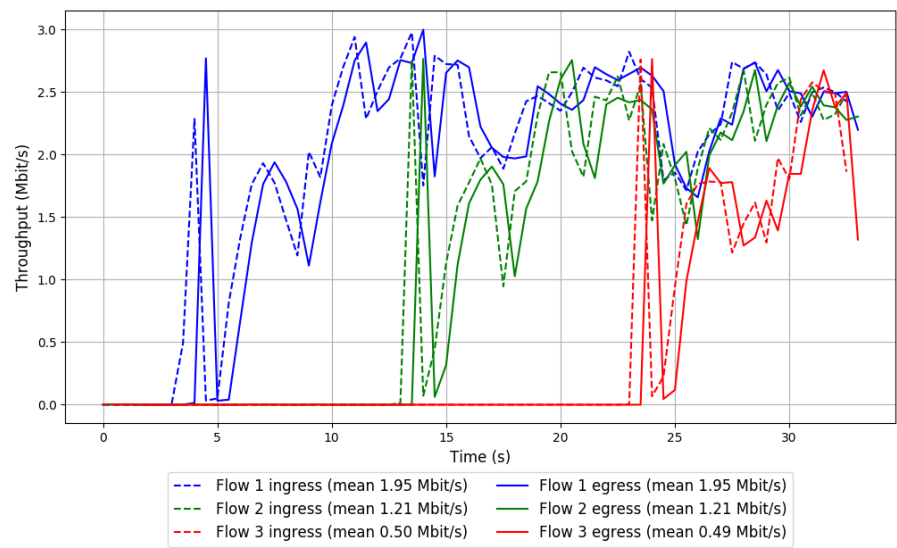


Run 9: Statistics of WebRTC media

Start at: 2018-08-04 04:00:49
End at: 2018-08-04 04:01:19
Local clock offset: 0.436 ms
Remote clock offset: -0.077 ms

Below is generated by plot.py at 2018-08-04 08:20:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 51.229 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 51.202 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 51.095 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 51.302 ms
Loss rate: 2.49%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-04 04:25:41
End at: 2018-08-04 04:26:11
Local clock offset: -0.358 ms
Remote clock offset: -0.136 ms

Below is generated by plot.py at 2018-08-04 08:20:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 50.796 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 50.890 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 50.772 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 50.544 ms
Loss rate: 0.63%

Run 10: Report of WebRTC media — Data Link

