

Pantheon Report

Generated at 2018-07-10 07:25:48 (UTC).

Data path: AWS India 1 Ethernet (*local*) → India Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

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

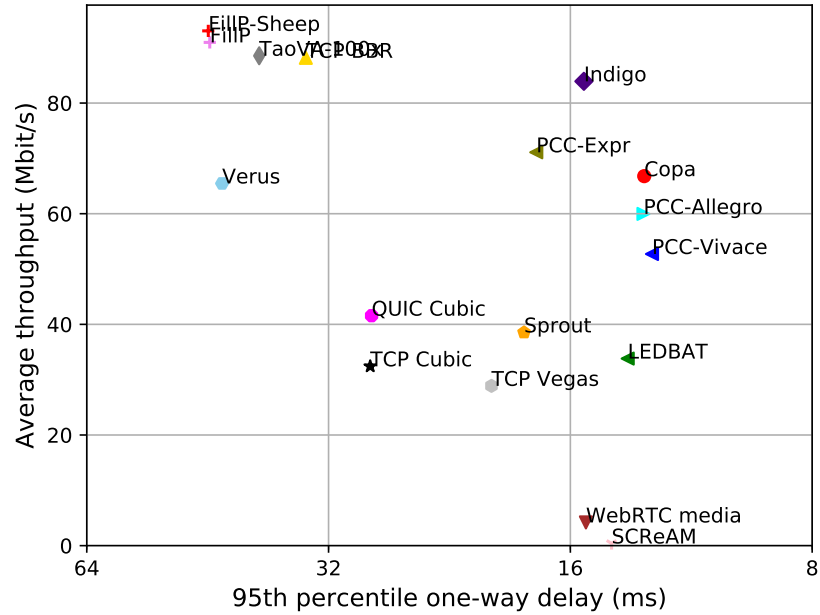
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `nets.org.sg` and have been applied to correct the timestamps in logs.

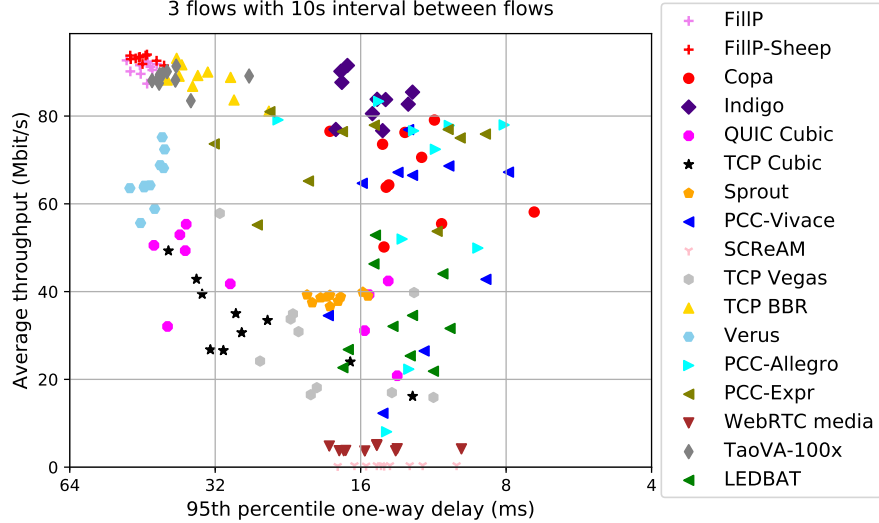
Git summary:

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

test from AWS India 1 to India, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS India 1 to India, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



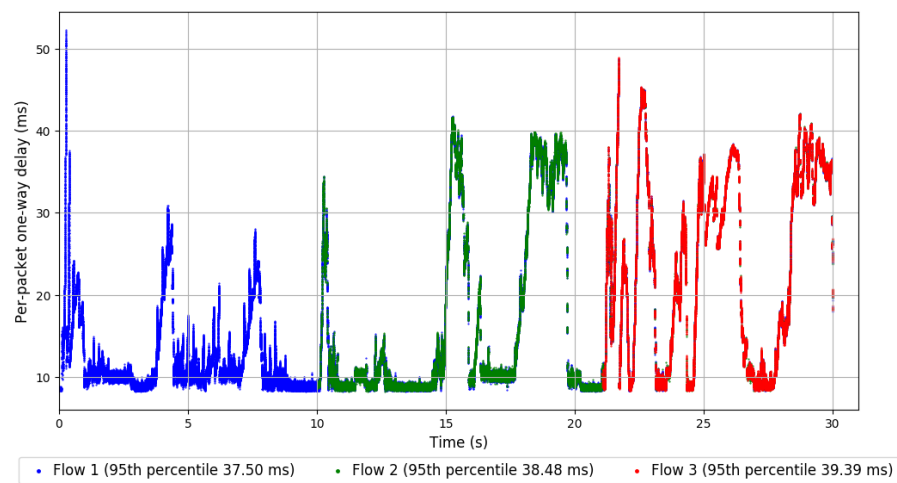
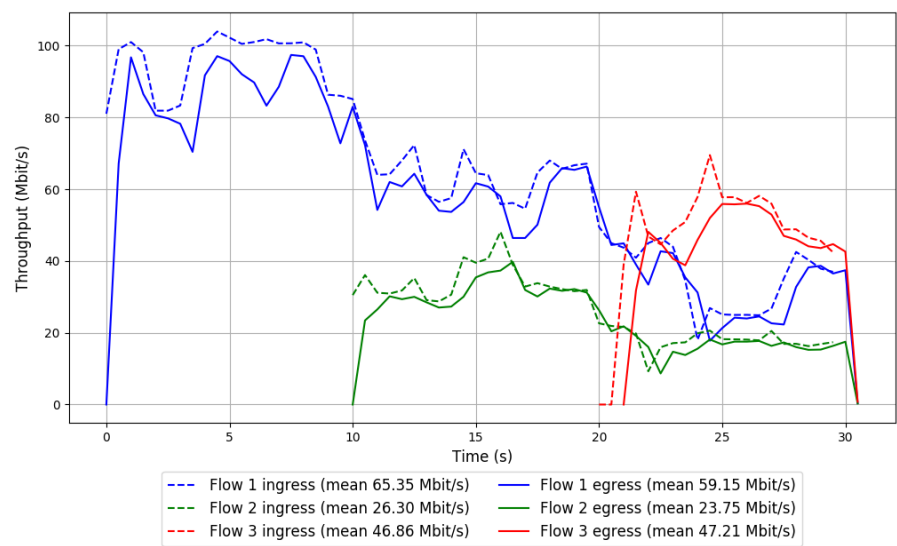
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	57.46	32.56	27.99	32.23	35.49	36.69	10.97	11.02	10.94
Copa	10	37.94	29.17	28.52	13.10	12.68	12.83	6.02	6.98	6.41
TCP Cubic	10	18.58	14.03	13.52	30.59	24.04	24.12	0.61	0.48	0.95
FillP	10	57.63	37.62	25.20	44.02	45.76	46.32	23.68	32.50	34.77
FillP-Sheep	10	55.66	39.43	33.83	43.96	46.16	46.00	21.29	30.72	34.79
Indigo	10	48.30	36.64	34.69	14.77	15.73	17.54	9.67	11.78	13.40
LEDBAT	10	19.43	15.01	13.51	13.59	13.88	12.68	0.47	0.78	1.08
PCC-Allegro	10	45.09	18.56	7.69	14.66	12.52	12.55	5.81	6.54	6.55
PCC-Expr	10	54.78	19.38	10.47	17.57	17.31	17.13	6.69	6.68	6.91
QUIC Cubic	10	23.59	18.71	16.78	29.61	22.45	17.97	1.71	1.51	1.89
SCReAM	10	0.19	0.19	0.22	14.16	14.02	14.61	0.17	0.14	0.00
Sprout	10	19.57	19.30	18.58	18.01	18.11	19.21	2.08	2.31	3.18
TaoVA-100x	10	53.24	37.58	30.94	35.25	39.97	43.16	11.14	14.82	20.16
TCP Vegas	10	15.78	12.94	13.50	17.37	18.32	19.15	0.97	1.04	0.62
Verus	10	41.27	29.72	14.99	41.11	45.06	41.69	25.79	43.47	34.60
PCC-Vivace	10	36.90	18.76	10.12	12.44	12.91	12.60	3.91	4.21	3.87
WebRTC media	10	2.23	1.49	0.48	15.32	15.34	14.54	0.52	0.58	0.60

Run 1: Statistics of TCP BBR

Start at: 2018-07-10 03:56:29
End at: 2018-07-10 03:56:59
Local clock offset: 2.991 ms
Remote clock offset: -6.861 ms

Below is generated by plot.py at 2018-07-10 07:06:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 38.002 ms
Loss rate: 9.47%
-- Flow 1:
Average throughput: 59.15 Mbit/s
95th percentile per-packet one-way delay: 37.497 ms
Loss rate: 9.45%
-- Flow 2:
Average throughput: 23.75 Mbit/s
95th percentile per-packet one-way delay: 38.484 ms
Loss rate: 9.66%
-- Flow 3:
Average throughput: 47.21 Mbit/s
95th percentile per-packet one-way delay: 39.392 ms
Loss rate: 9.38%

Run 1: Report of TCP BBR — Data Link

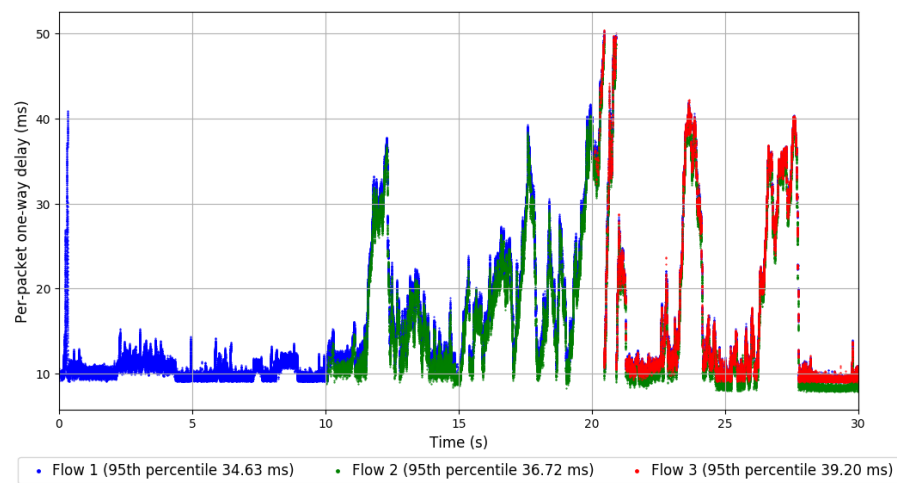
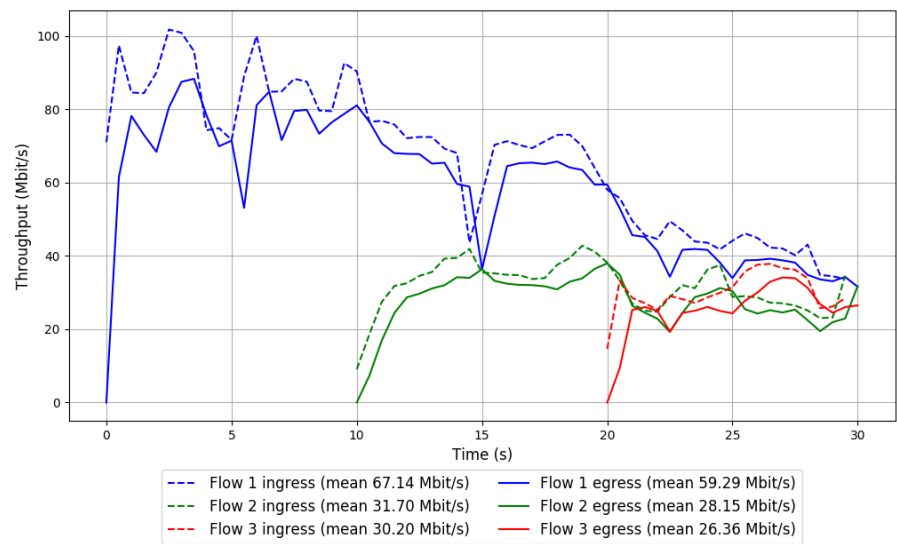


Run 2: Statistics of TCP BBR

Start at: 2018-07-10 04:17:08
End at: 2018-07-10 04:17:38
Local clock offset: 1.657 ms
Remote clock offset: -4.004 ms

Below is generated by plot.py at 2018-07-10 07:06:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.78 Mbit/s
95th percentile per-packet one-way delay: 35.638 ms
Loss rate: 11.72%
-- Flow 1:
Average throughput: 59.29 Mbit/s
95th percentile per-packet one-way delay: 34.633 ms
Loss rate: 11.69%
-- Flow 2:
Average throughput: 28.15 Mbit/s
95th percentile per-packet one-way delay: 36.723 ms
Loss rate: 11.22%
-- Flow 3:
Average throughput: 26.36 Mbit/s
95th percentile per-packet one-way delay: 39.201 ms
Loss rate: 12.95%

Run 2: Report of TCP BBR — Data Link

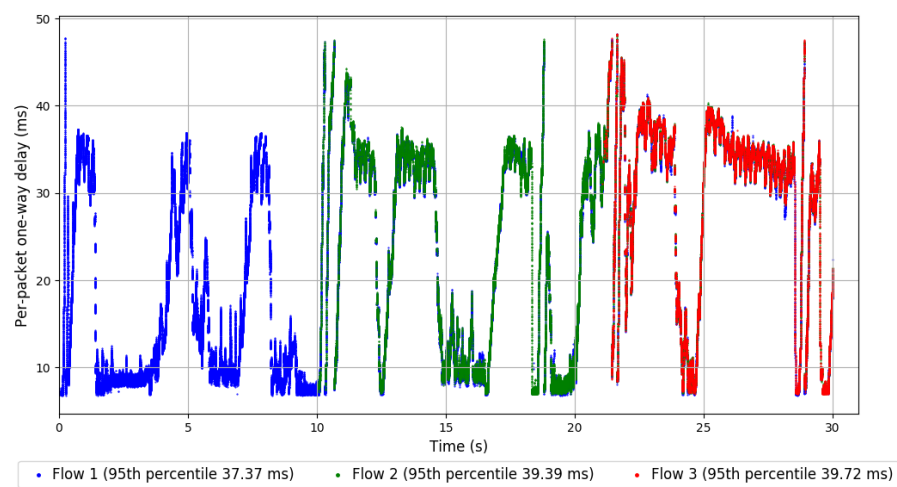
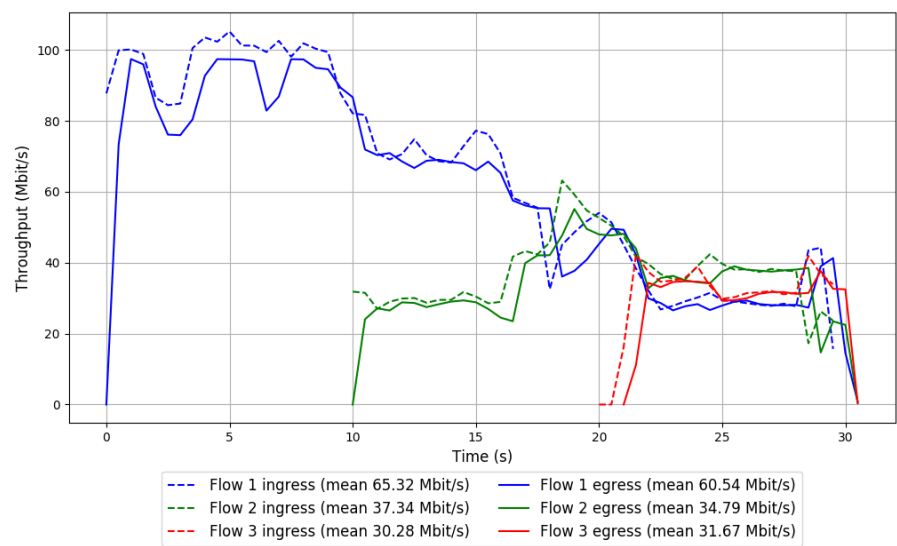


Run 3: Statistics of TCP BBR

Start at: 2018-07-10 04:37:10
End at: 2018-07-10 04:37:40
Local clock offset: 2.917 ms
Remote clock offset: -2.018 ms

Below is generated by plot.py at 2018-07-10 07:06:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.17 Mbit/s
95th percentile per-packet one-way delay: 38.458 ms
Loss rate: 7.03%
-- Flow 1:
Average throughput: 60.54 Mbit/s
95th percentile per-packet one-way delay: 37.365 ms
Loss rate: 7.26%
-- Flow 2:
Average throughput: 34.79 Mbit/s
95th percentile per-packet one-way delay: 39.390 ms
Loss rate: 6.75%
-- Flow 3:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 39.720 ms
Loss rate: 6.26%

Run 3: Report of TCP BBR — Data Link

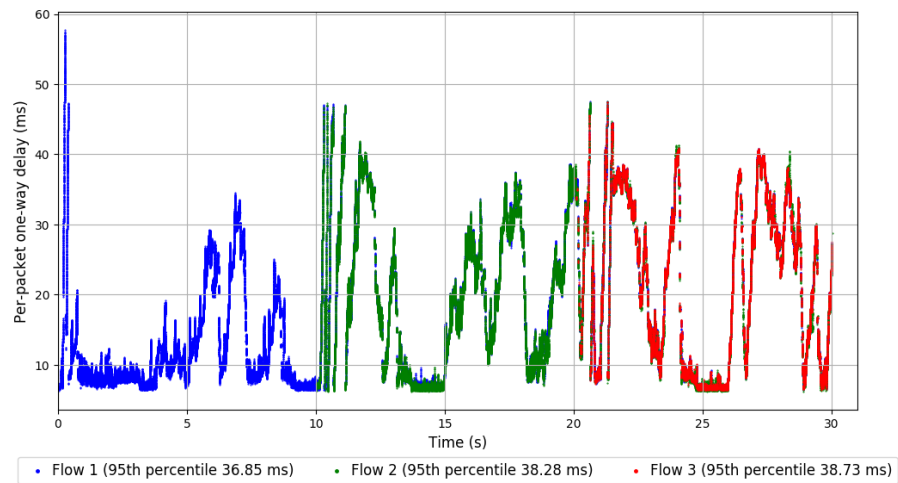
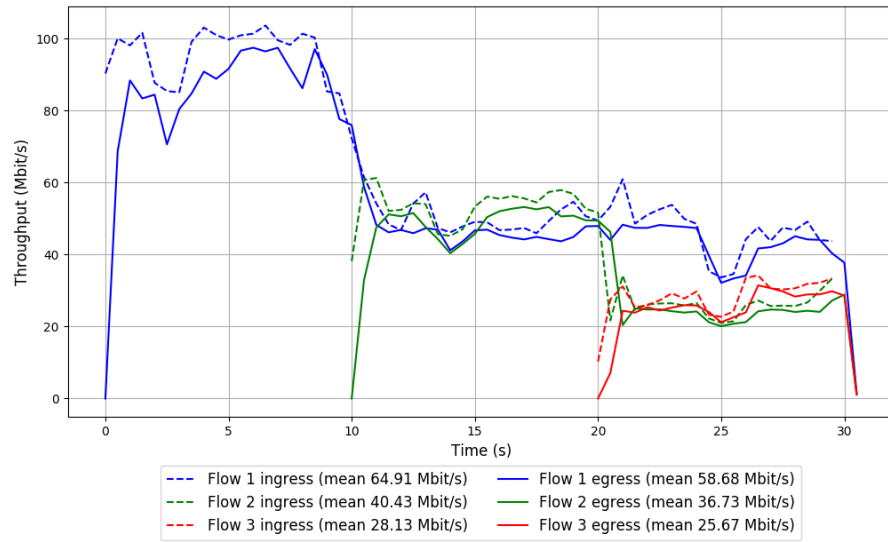


Run 4: Statistics of TCP BBR

Start at: 2018-07-10 04:57:44
End at: 2018-07-10 04:58:14
Local clock offset: 3.355 ms
Remote clock offset: -2.548 ms

Below is generated by plot.py at 2018-07-10 07:06:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.68 Mbit/s
95th percentile per-packet one-way delay: 37.516 ms
Loss rate: 9.34%
-- Flow 1:
Average throughput: 58.68 Mbit/s
95th percentile per-packet one-way delay: 36.846 ms
Loss rate: 9.53%
-- Flow 2:
Average throughput: 36.73 Mbit/s
95th percentile per-packet one-way delay: 38.285 ms
Loss rate: 9.04%
-- Flow 3:
Average throughput: 25.67 Mbit/s
95th percentile per-packet one-way delay: 38.735 ms
Loss rate: 8.84%

Run 4: Report of TCP BBR — Data Link

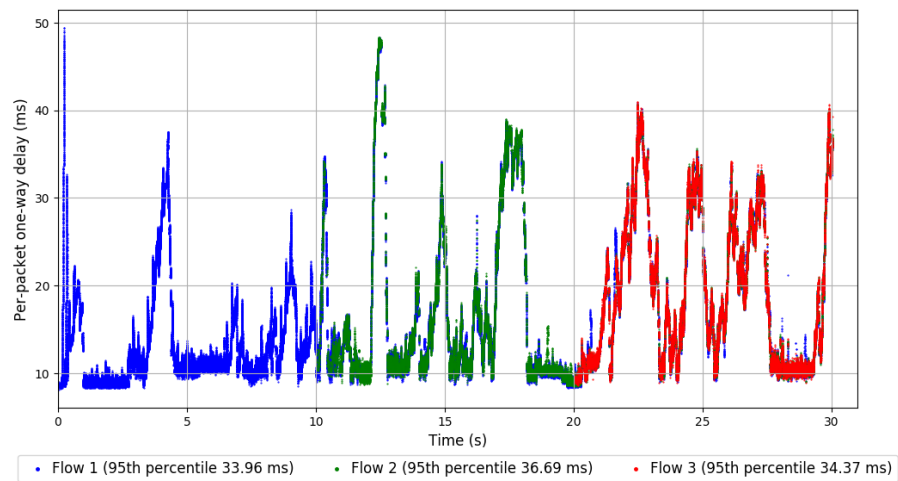
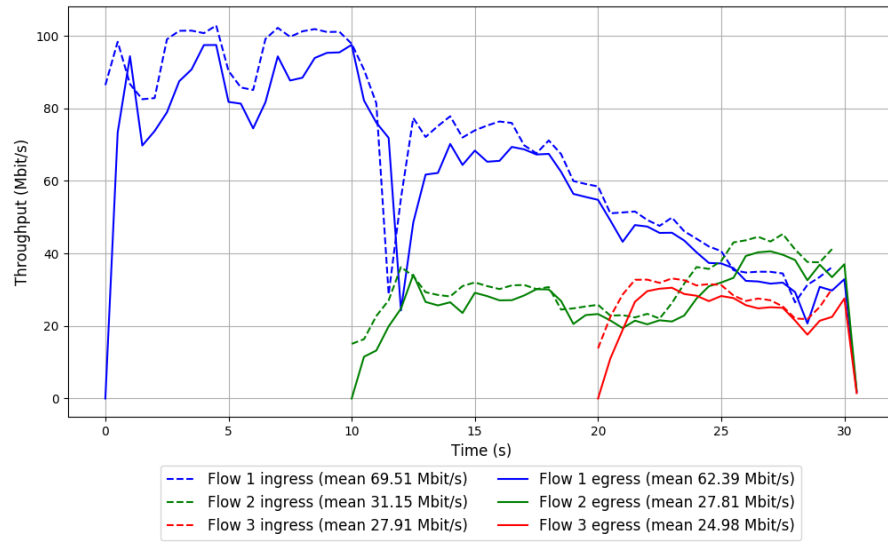


Run 5: Statistics of TCP BBR

Start at: 2018-07-10 05:18:45
End at: 2018-07-10 05:19:15
Local clock offset: 2.884 ms
Remote clock offset: -1.015 ms

Below is generated by plot.py at 2018-07-10 07:06:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.24 Mbit/s
95th percentile per-packet one-way delay: 34.768 ms
Loss rate: 10.26%
-- Flow 1:
Average throughput: 62.39 Mbit/s
95th percentile per-packet one-way delay: 33.957 ms
Loss rate: 10.16%
-- Flow 2:
Average throughput: 27.81 Mbit/s
95th percentile per-packet one-way delay: 36.689 ms
Loss rate: 10.59%
-- Flow 3:
Average throughput: 24.98 Mbit/s
95th percentile per-packet one-way delay: 34.374 ms
Loss rate: 10.24%

Run 5: Report of TCP BBR — Data Link

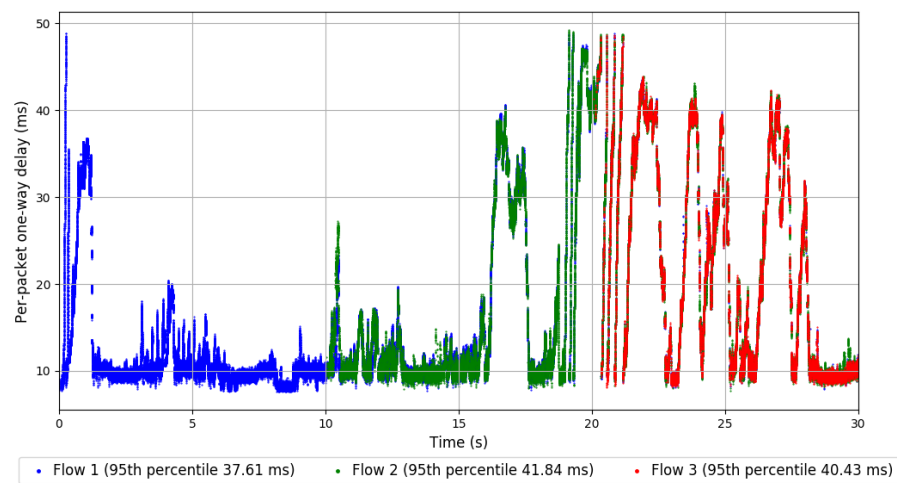
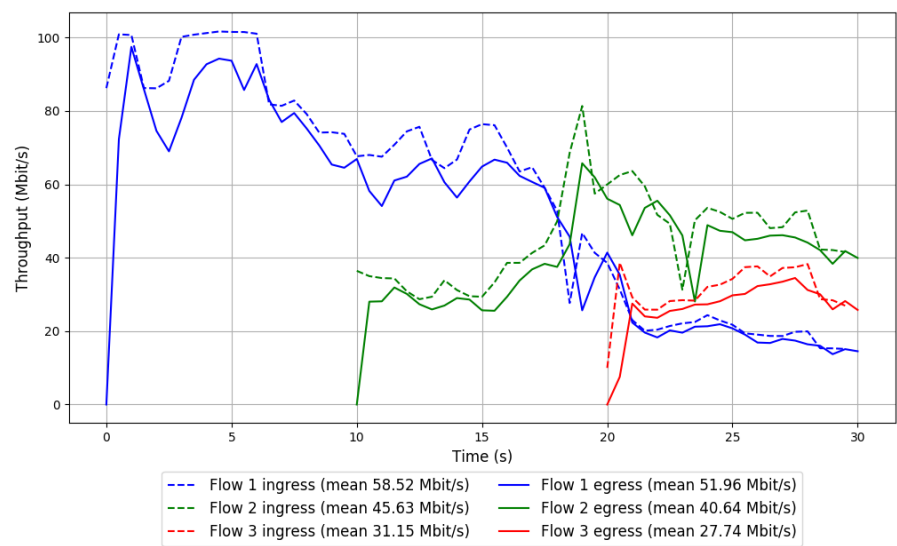


Run 6: Statistics of TCP BBR

Start at: 2018-07-10 05:39:35
End at: 2018-07-10 05:40:05
Local clock offset: 3.867 ms
Remote clock offset: -1.919 ms

Below is generated by plot.py at 2018-07-10 07:06:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.21 Mbit/s
95th percentile per-packet one-way delay: 40.213 ms
Loss rate: 11.13%
-- Flow 1:
Average throughput: 51.96 Mbit/s
95th percentile per-packet one-way delay: 37.609 ms
Loss rate: 11.21%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 41.837 ms
Loss rate: 10.94%
-- Flow 3:
Average throughput: 27.74 Mbit/s
95th percentile per-packet one-way delay: 40.430 ms
Loss rate: 11.19%

Run 6: Report of TCP BBR — Data Link

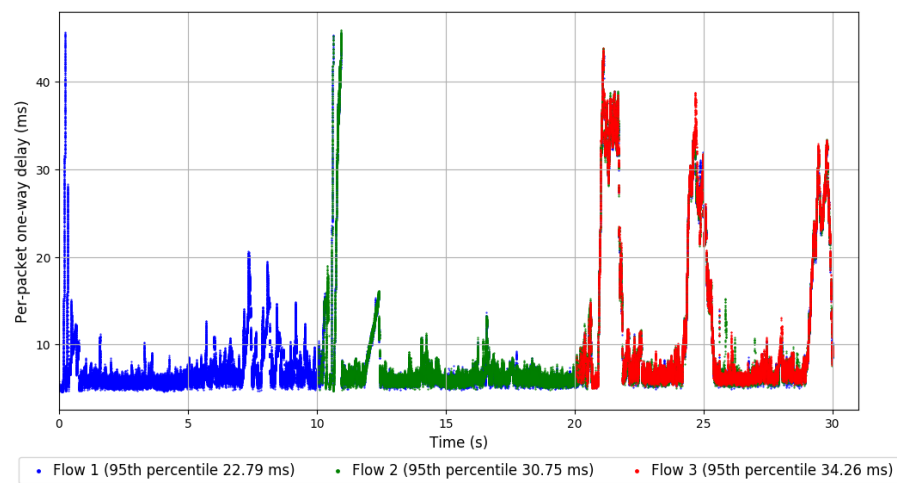
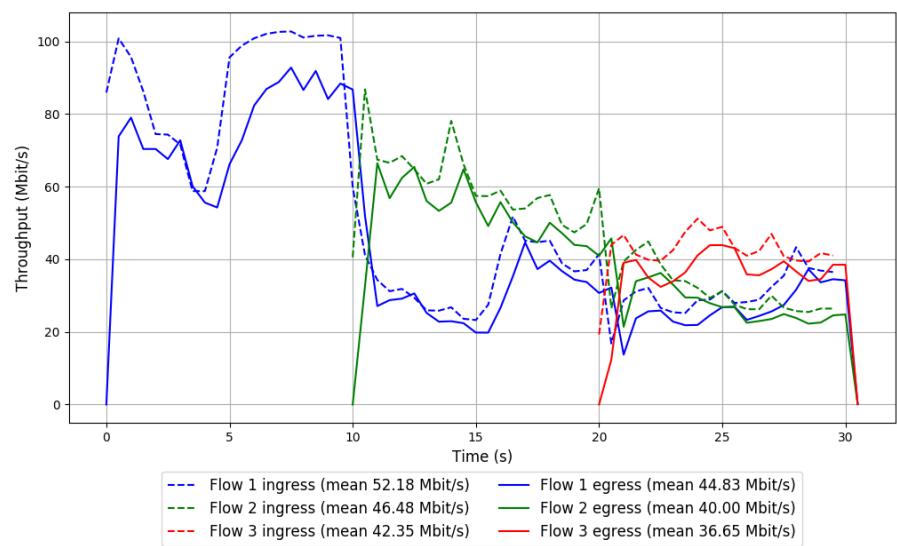


Run 7: Statistics of TCP BBR

Start at: 2018-07-10 06:00:33
End at: 2018-07-10 06:01:03
Local clock offset: 2.885 ms
Remote clock offset: -11.586 ms

Below is generated by plot.py at 2018-07-10 07:06:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 29.255 ms
Loss rate: 13.94%
-- Flow 1:
Average throughput: 44.83 Mbit/s
95th percentile per-packet one-way delay: 22.787 ms
Loss rate: 14.09%
-- Flow 2:
Average throughput: 40.00 Mbit/s
95th percentile per-packet one-way delay: 30.755 ms
Loss rate: 13.91%
-- Flow 3:
Average throughput: 36.65 Mbit/s
95th percentile per-packet one-way delay: 34.256 ms
Loss rate: 13.45%

Run 7: Report of TCP BBR — Data Link

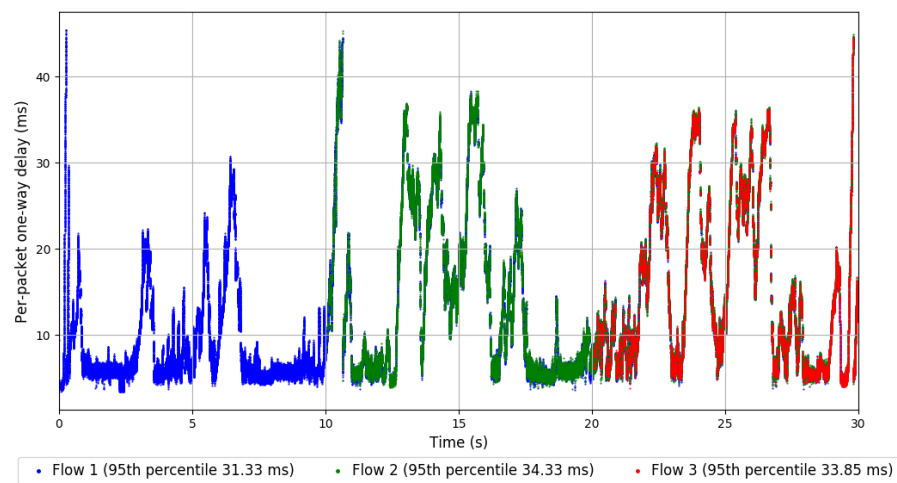
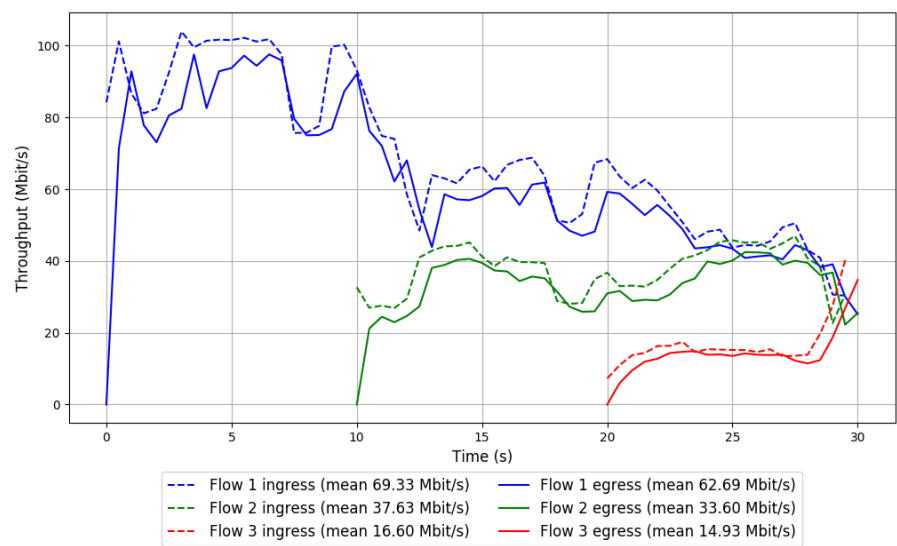


Run 8: Statistics of TCP BBR

Start at: 2018-07-10 06:20:46
End at: 2018-07-10 06:21:16
Local clock offset: 3.259 ms
Remote clock offset: -17.221 ms

Below is generated by plot.py at 2018-07-10 07:06:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.03 Mbit/s
95th percentile per-packet one-way delay: 33.161 ms
Loss rate: 9.87%
-- Flow 1:
Average throughput: 62.69 Mbit/s
95th percentile per-packet one-way delay: 31.329 ms
Loss rate: 9.57%
-- Flow 2:
Average throughput: 33.60 Mbit/s
95th percentile per-packet one-way delay: 34.330 ms
Loss rate: 10.68%
-- Flow 3:
Average throughput: 14.93 Mbit/s
95th percentile per-packet one-way delay: 33.853 ms
Loss rate: 9.99%

Run 8: Report of TCP BBR — Data Link

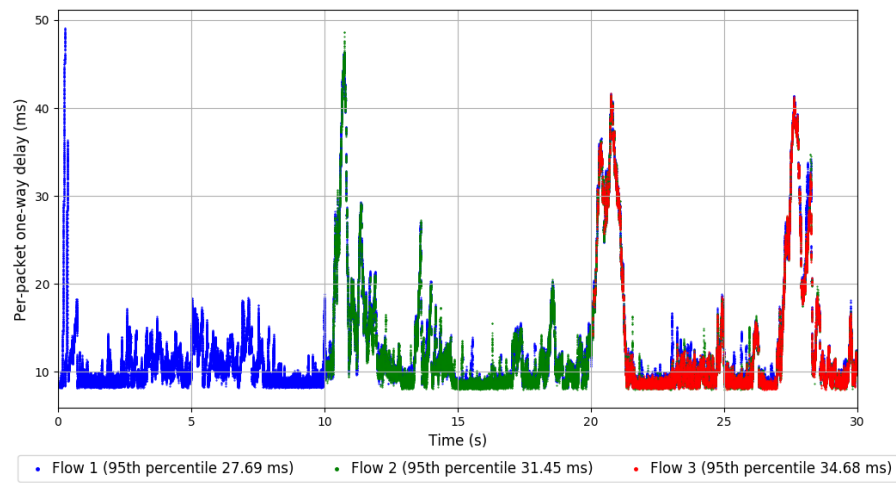
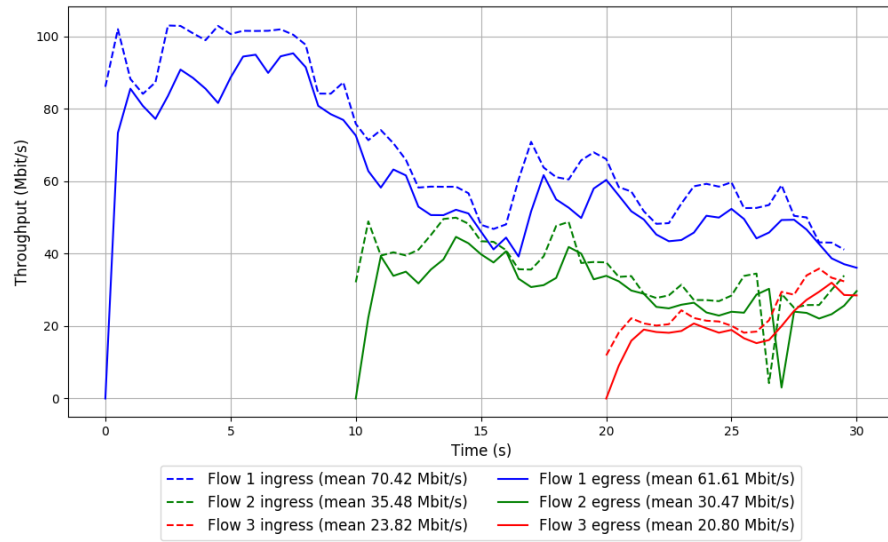


Run 9: Statistics of TCP BBR

Start at: 2018-07-10 06:40:59
End at: 2018-07-10 06:41:29
Local clock offset: 3.322 ms
Remote clock offset: -9.018 ms

Below is generated by plot.py at 2018-07-10 07:06:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.82 Mbit/s
95th percentile per-packet one-way delay: 29.737 ms
Loss rate: 12.89%
-- Flow 1:
Average throughput: 61.61 Mbit/s
95th percentile per-packet one-way delay: 27.692 ms
Loss rate: 12.49%
-- Flow 2:
Average throughput: 30.47 Mbit/s
95th percentile per-packet one-way delay: 31.450 ms
Loss rate: 14.12%
-- Flow 3:
Average throughput: 20.80 Mbit/s
95th percentile per-packet one-way delay: 34.681 ms
Loss rate: 12.75%

Run 9: Report of TCP BBR — Data Link

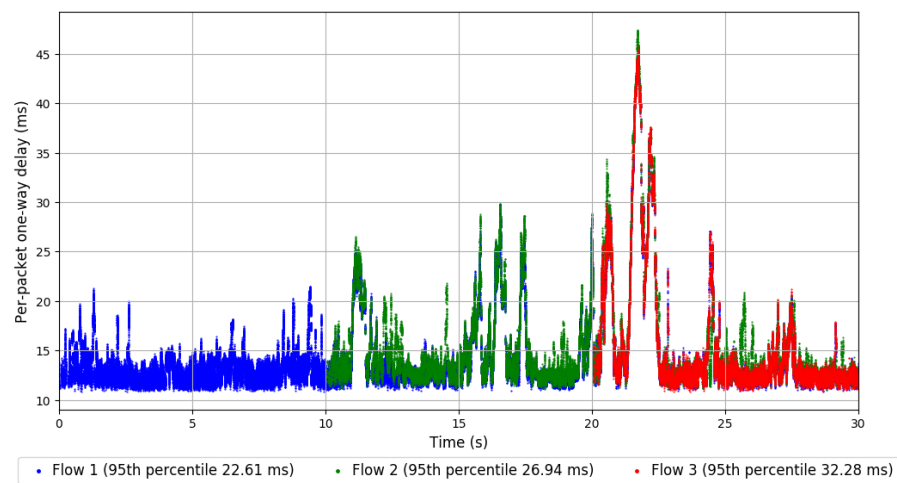
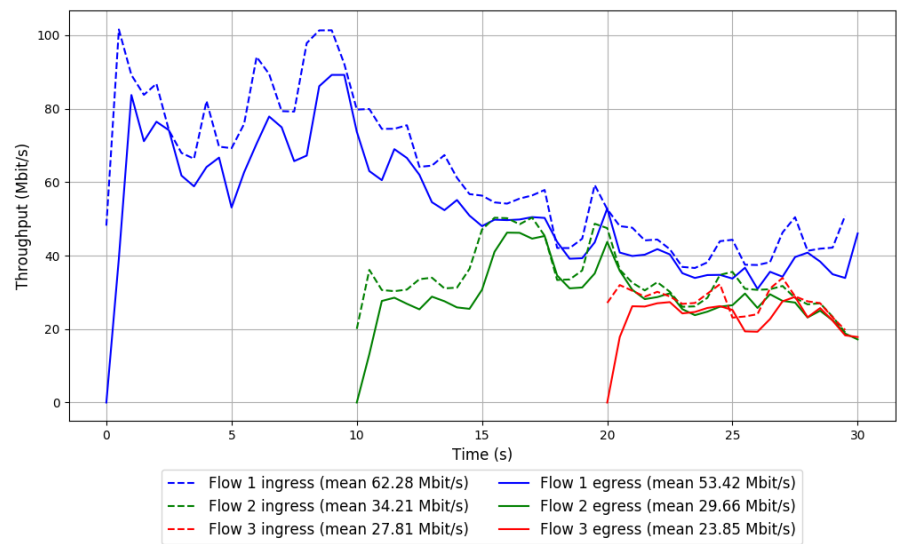


Run 10: Statistics of TCP BBR

Start at: 2018-07-10 07:01:09
End at: 2018-07-10 07:01:39
Local clock offset: 0.165 ms
Remote clock offset: -8.702 ms

Below is generated by plot.py at 2018-07-10 07:06:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.12 Mbit/s
95th percentile per-packet one-way delay: 24.780 ms
Loss rate: 14.01%
-- Flow 1:
Average throughput: 53.42 Mbit/s
95th percentile per-packet one-way delay: 22.605 ms
Loss rate: 14.22%
-- Flow 2:
Average throughput: 29.66 Mbit/s
95th percentile per-packet one-way delay: 26.944 ms
Loss rate: 13.30%
-- Flow 3:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 32.278 ms
Loss rate: 14.31%

Run 10: Report of TCP BBR — Data Link

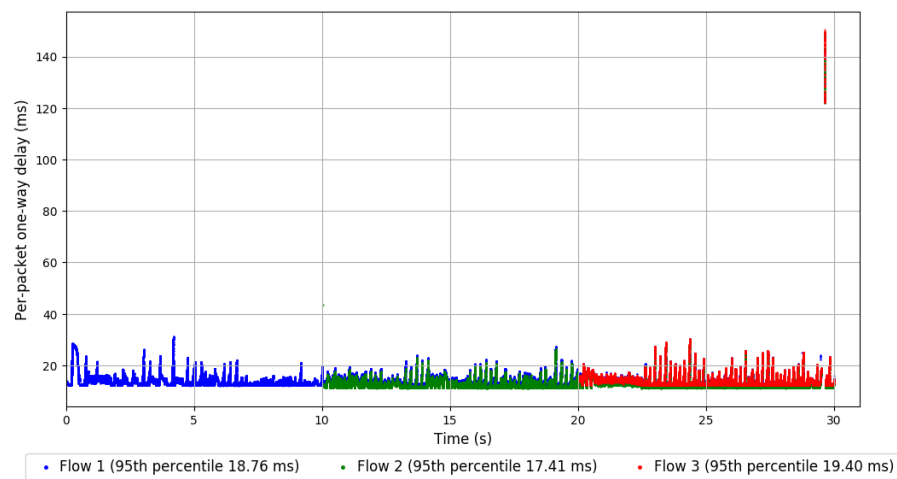
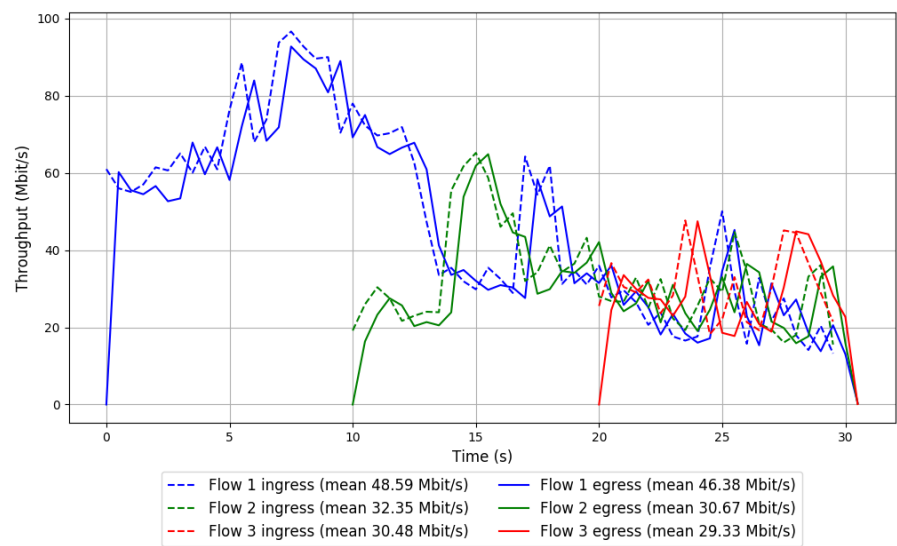


Run 1: Statistics of Copa

Start at: 2018-07-10 03:47:58
End at: 2018-07-10 03:48:28
Local clock offset: 0.472 ms
Remote clock offset: -4.722 ms

Below is generated by plot.py at 2018-07-10 07:07:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.52 Mbit/s
95th percentile per-packet one-way delay: 18.522 ms
Loss rate: 4.67%
-- Flow 1:
Average throughput: 46.38 Mbit/s
95th percentile per-packet one-way delay: 18.763 ms
Loss rate: 4.55%
-- Flow 2:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 17.410 ms
Loss rate: 5.36%
-- Flow 3:
Average throughput: 29.33 Mbit/s
95th percentile per-packet one-way delay: 19.403 ms
Loss rate: 3.77%

Run 1: Report of Copa — Data Link

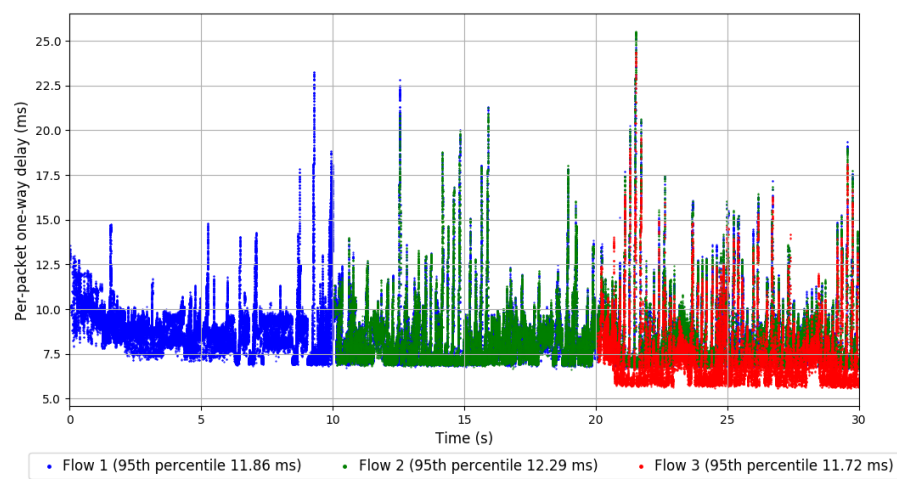
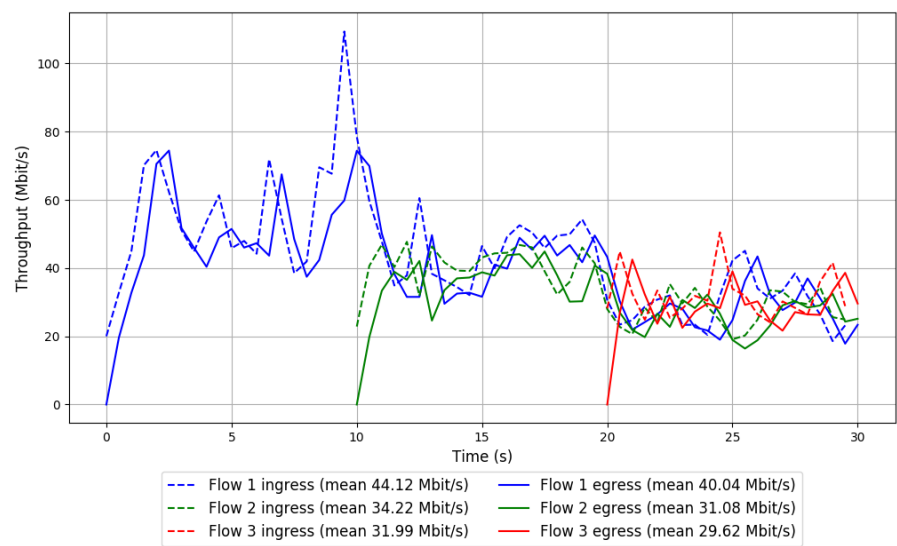


Run 2: Statistics of Copa

Start at: 2018-07-10 04:08:45
End at: 2018-07-10 04:09:15
Local clock offset: 3.659 ms
Remote clock offset: -7.476 ms

Below is generated by plot.py at 2018-07-10 07:07:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.59 Mbit/s
95th percentile per-packet one-way delay: 11.964 ms
Loss rate: 8.99%
-- Flow 1:
Average throughput: 40.04 Mbit/s
95th percentile per-packet one-way delay: 11.864 ms
Loss rate: 9.24%
-- Flow 2:
Average throughput: 31.08 Mbit/s
95th percentile per-packet one-way delay: 12.288 ms
Loss rate: 9.22%
-- Flow 3:
Average throughput: 29.62 Mbit/s
95th percentile per-packet one-way delay: 11.720 ms
Loss rate: 7.45%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-07-10 04:29:00

End at: 2018-07-10 04:29:30

Local clock offset: 3.921 ms

Remote clock offset: -2.19 ms

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

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.27 Mbit/s

95th percentile per-packet one-way delay: 12.956 ms

Loss rate: 3.02%

-- Flow 1:

Average throughput: 45.72 Mbit/s

95th percentile per-packet one-way delay: 13.420 ms

Loss rate: 3.44%

-- Flow 2:

Average throughput: 30.72 Mbit/s

95th percentile per-packet one-way delay: 12.163 ms

Loss rate: 3.16%

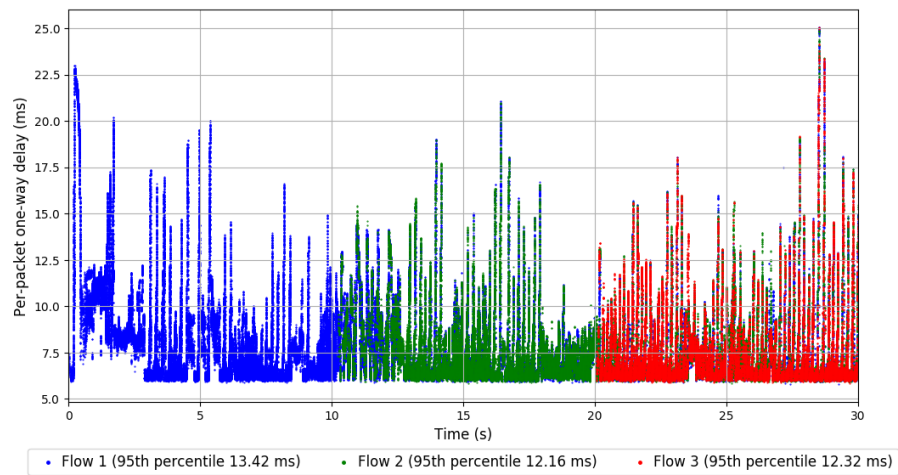
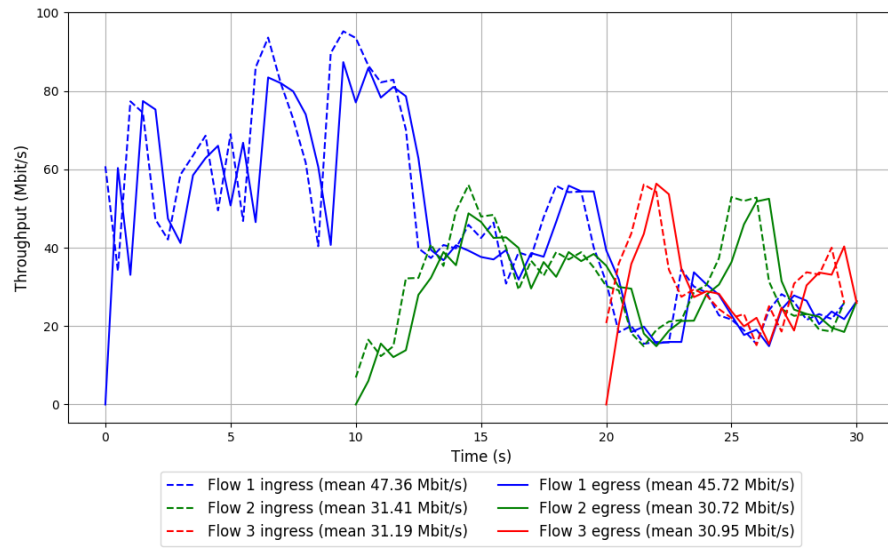
-- Flow 3:

Average throughput: 30.95 Mbit/s

95th percentile per-packet one-way delay: 12.325 ms

Loss rate: 0.76%

Run 3: Report of Copa — Data Link

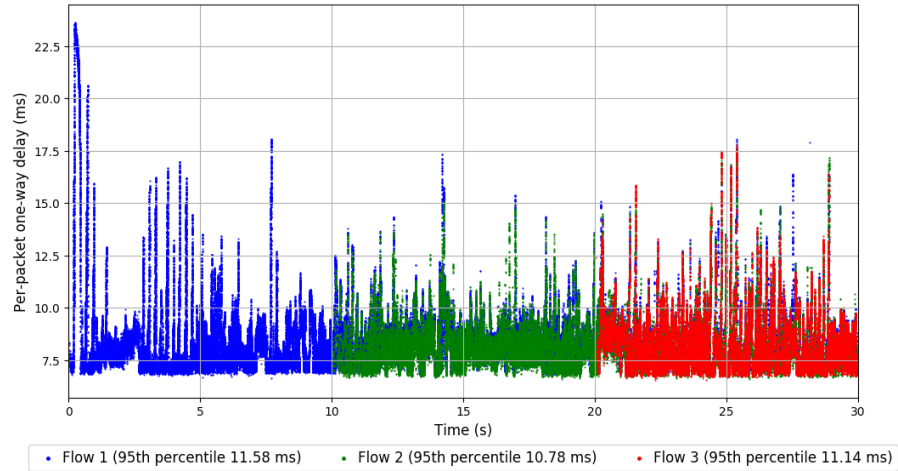
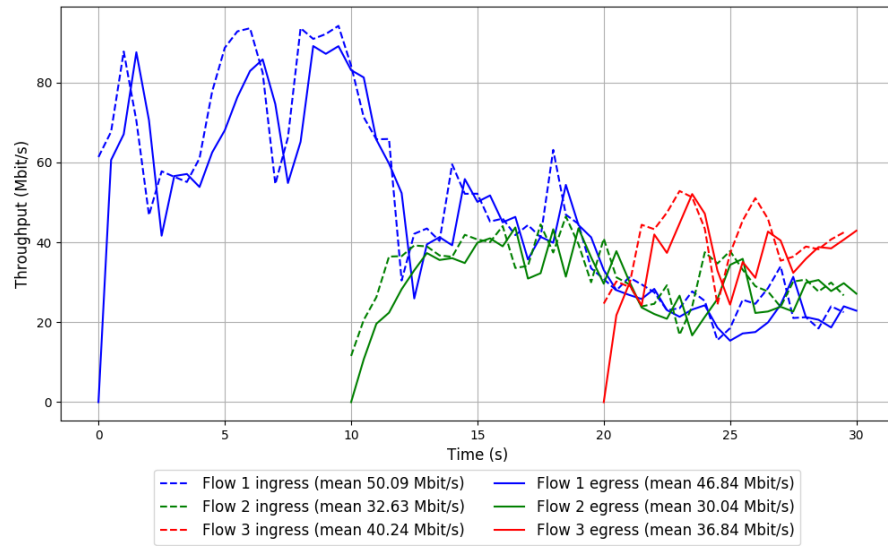


Run 4: Statistics of Copa

Start at: 2018-07-10 04:49:09
End at: 2018-07-10 04:49:39
Local clock offset: 3.571 ms
Remote clock offset: -1.813 ms

Below is generated by plot.py at 2018-07-10 07:07:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.09 Mbit/s
95th percentile per-packet one-way delay: 11.257 ms
Loss rate: 7.18%
-- Flow 1:
Average throughput: 46.84 Mbit/s
95th percentile per-packet one-way delay: 11.579 ms
Loss rate: 6.50%
-- Flow 2:
Average throughput: 30.04 Mbit/s
95th percentile per-packet one-way delay: 10.777 ms
Loss rate: 7.93%
-- Flow 3:
Average throughput: 36.84 Mbit/s
95th percentile per-packet one-way delay: 11.141 ms
Loss rate: 8.48%

Run 4: Report of Copa — Data Link

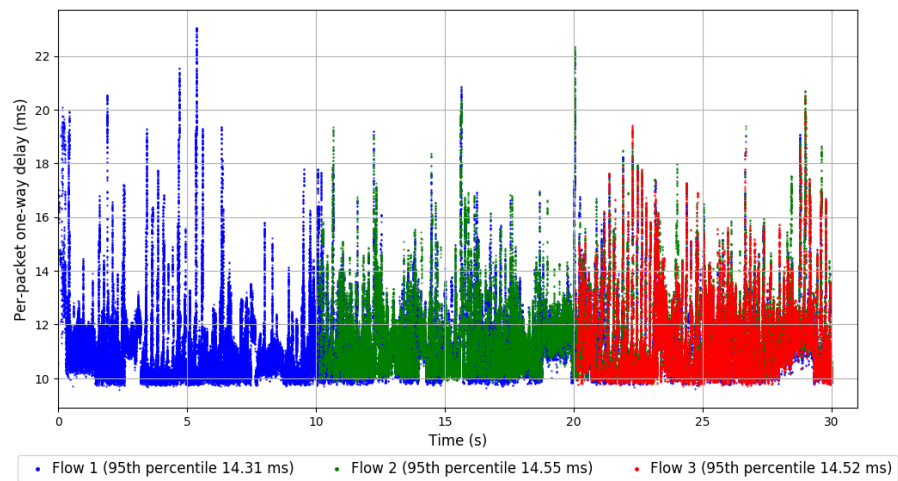
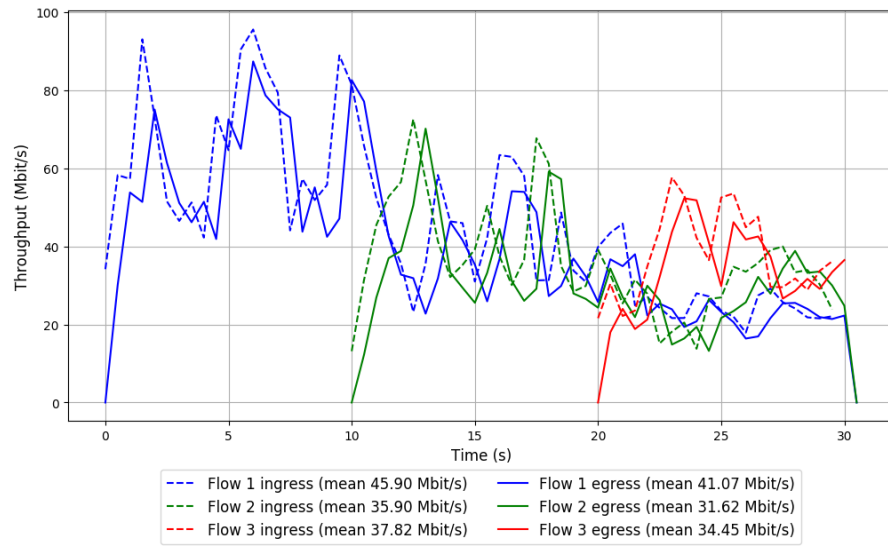


Run 5: Statistics of Copa

Start at: 2018-07-10 05:09:50
End at: 2018-07-10 05:10:20
Local clock offset: 1.688 ms
Remote clock offset: -0.373 ms

Below is generated by plot.py at 2018-07-10 07:07:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.58 Mbit/s
95th percentile per-packet one-way delay: 14.413 ms
Loss rate: 10.70%
-- Flow 1:
Average throughput: 41.07 Mbit/s
95th percentile per-packet one-way delay: 14.308 ms
Loss rate: 10.52%
-- Flow 2:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 14.555 ms
Loss rate: 11.91%
-- Flow 3:
Average throughput: 34.45 Mbit/s
95th percentile per-packet one-way delay: 14.519 ms
Loss rate: 9.02%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-07-10 05:31:05

End at: 2018-07-10 05:31:35

Local clock offset: 1.527 ms

Remote clock offset: -1.86 ms

Below is generated by plot.py at 2018-07-10 07:07:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 63.78 Mbit/s

95th percentile per-packet one-way delay: 14.168 ms

Loss rate: 8.69%

-- Flow 1:

Average throughput: 32.89 Mbit/s

95th percentile per-packet one-way delay: 14.244 ms

Loss rate: 7.96%

-- Flow 2:

Average throughput: 33.84 Mbit/s

95th percentile per-packet one-way delay: 14.145 ms

Loss rate: 9.79%

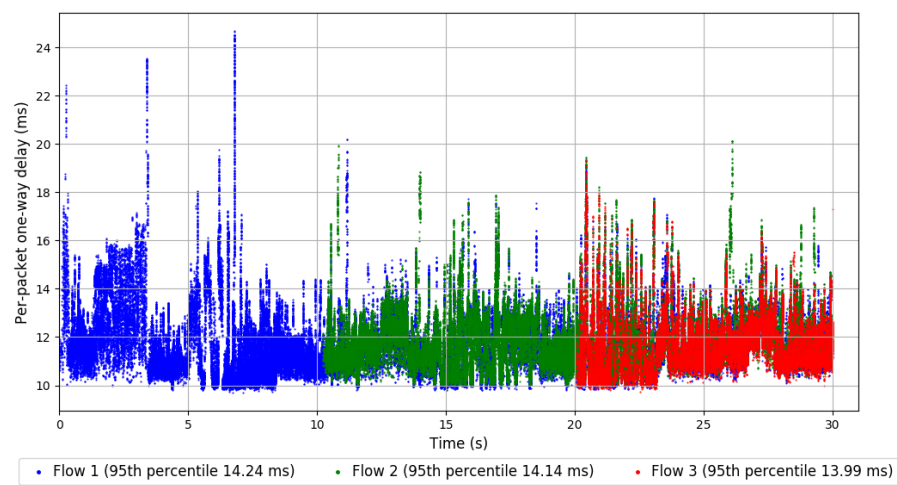
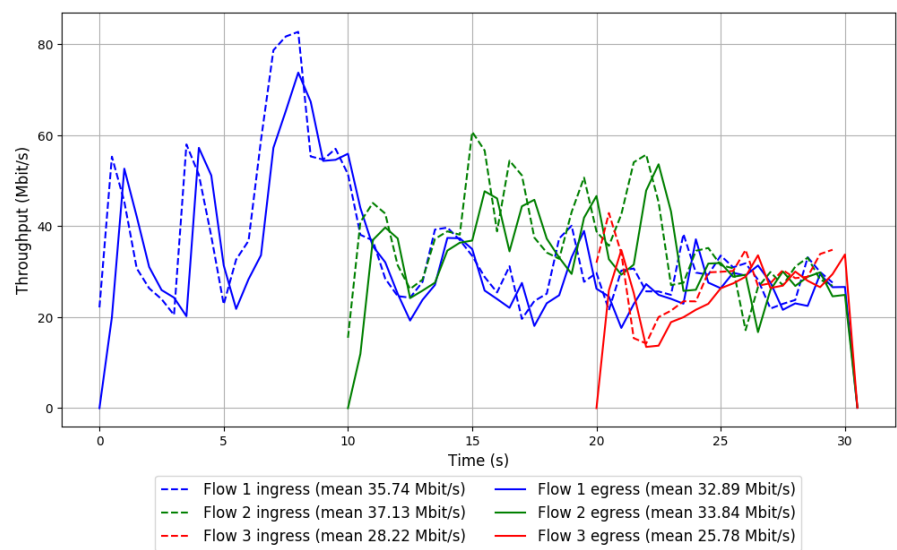
-- Flow 3:

Average throughput: 25.78 Mbit/s

95th percentile per-packet one-way delay: 13.995 ms

Loss rate: 8.61%

Run 6: Report of Copa — Data Link

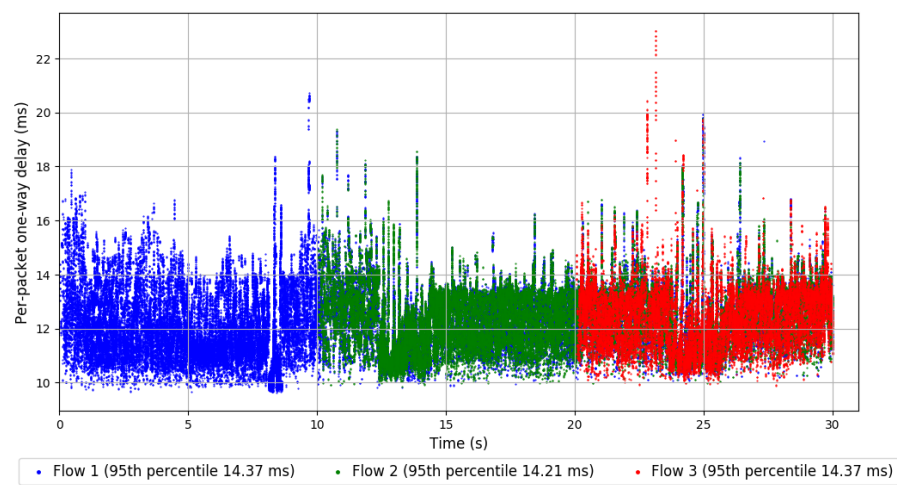
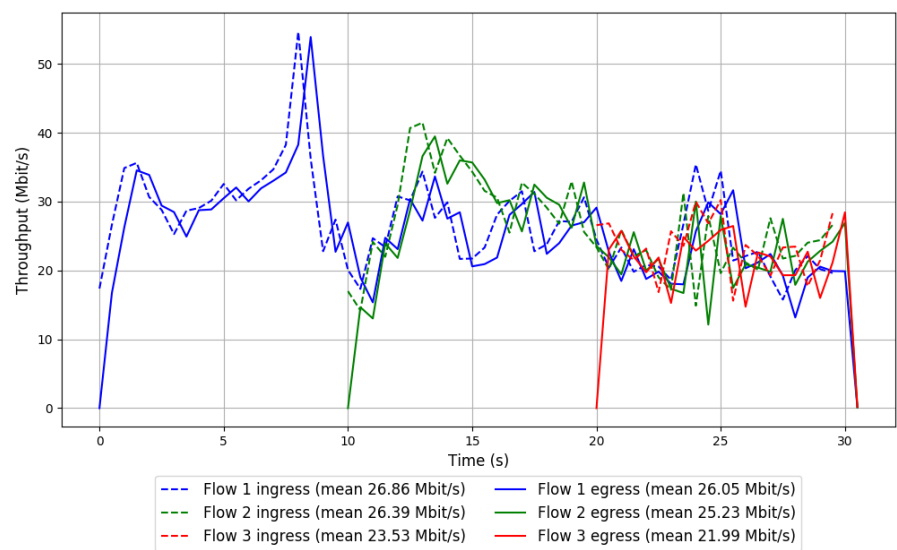


Run 7: Statistics of Copa

Start at: 2018-07-10 05:51:59
End at: 2018-07-10 05:52:29
Local clock offset: 1.582 ms
Remote clock offset: -3.814 ms

Below is generated by plot.py at 2018-07-10 07:08:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 14.318 ms
Loss rate: 3.99%
-- Flow 1:
Average throughput: 26.05 Mbit/s
95th percentile per-packet one-way delay: 14.374 ms
Loss rate: 2.99%
-- Flow 2:
Average throughput: 25.23 Mbit/s
95th percentile per-packet one-way delay: 14.207 ms
Loss rate: 4.39%
-- Flow 3:
Average throughput: 21.99 Mbit/s
95th percentile per-packet one-way delay: 14.369 ms
Loss rate: 6.54%

Run 7: Report of Copa — Data Link

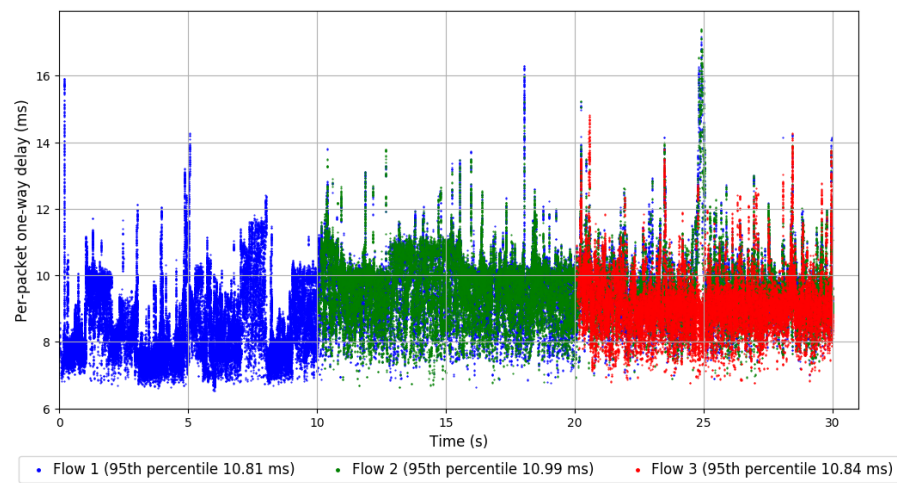
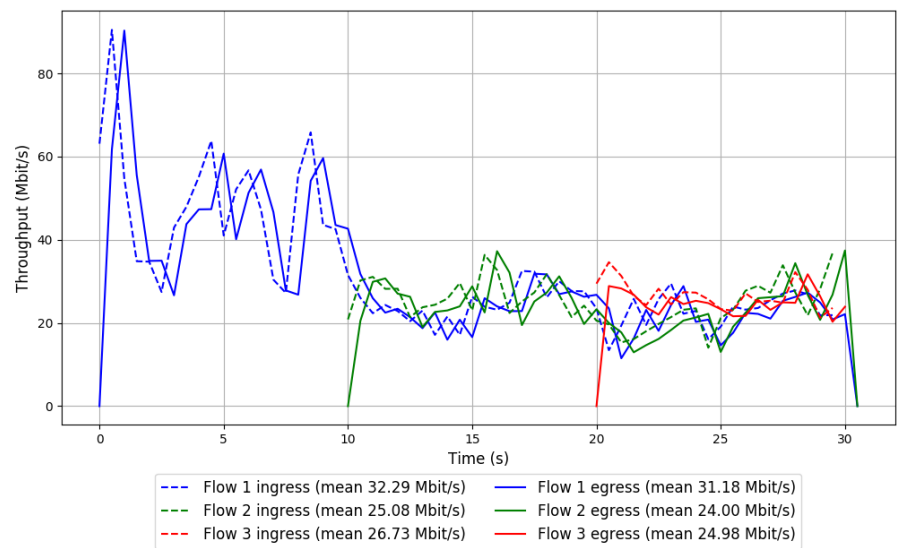


Run 8: Statistics of Copa

Start at: 2018-07-10 06:12:22
End at: 2018-07-10 06:12:52
Local clock offset: 0.83 ms
Remote clock offset: -14.942 ms

Below is generated by plot.py at 2018-07-10 07:08:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.47 Mbit/s
95th percentile per-packet one-way delay: 10.880 ms
Loss rate: 4.17%
-- Flow 1:
Average throughput: 31.18 Mbit/s
95th percentile per-packet one-way delay: 10.811 ms
Loss rate: 3.44%
-- Flow 2:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 10.986 ms
Loss rate: 4.32%
-- Flow 3:
Average throughput: 24.98 Mbit/s
95th percentile per-packet one-way delay: 10.838 ms
Loss rate: 6.55%

Run 8: Report of Copa — Data Link

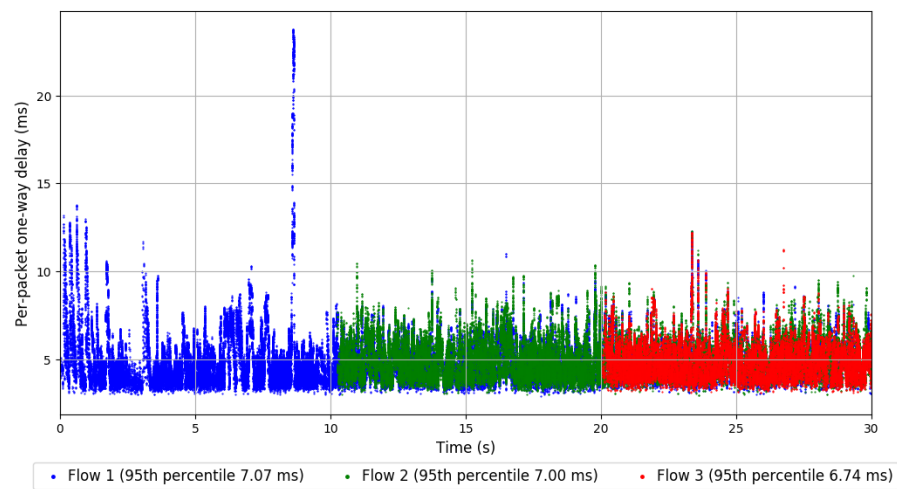
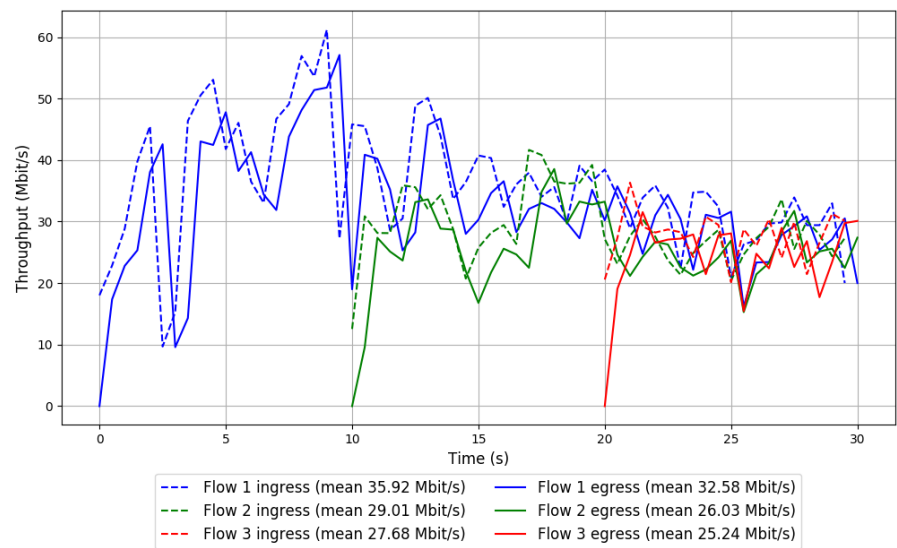


Run 9: Statistics of Copa

Start at: 2018-07-10 06:32:45
End at: 2018-07-10 06:33:15
Local clock offset: 3.92 ms
Remote clock offset: -14.266 ms

Below is generated by plot.py at 2018-07-10 07:09:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.13 Mbit/s
95th percentile per-packet one-way delay: 6.998 ms
Loss rate: 9.79%
-- Flow 1:
Average throughput: 32.58 Mbit/s
95th percentile per-packet one-way delay: 7.070 ms
Loss rate: 9.31%
-- Flow 2:
Average throughput: 26.03 Mbit/s
95th percentile per-packet one-way delay: 6.995 ms
Loss rate: 11.16%
-- Flow 3:
Average throughput: 25.24 Mbit/s
95th percentile per-packet one-way delay: 6.737 ms
Loss rate: 8.81%

Run 9: Report of Copa — Data Link

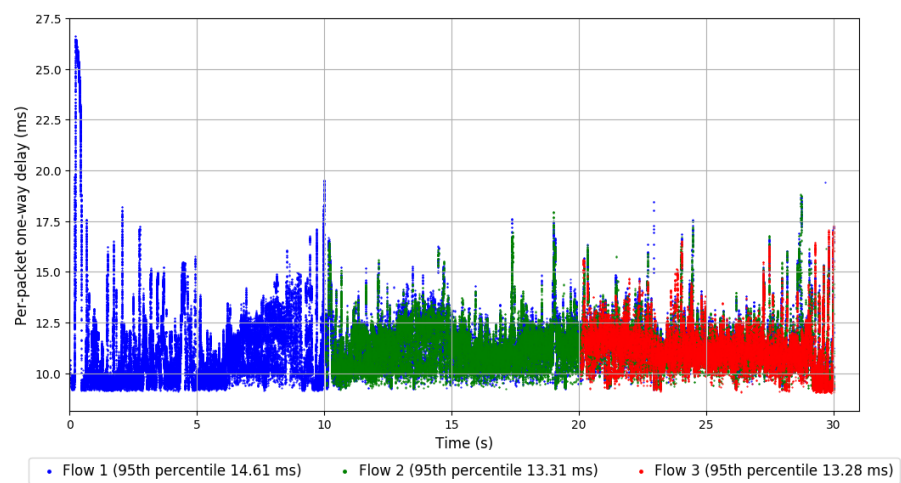
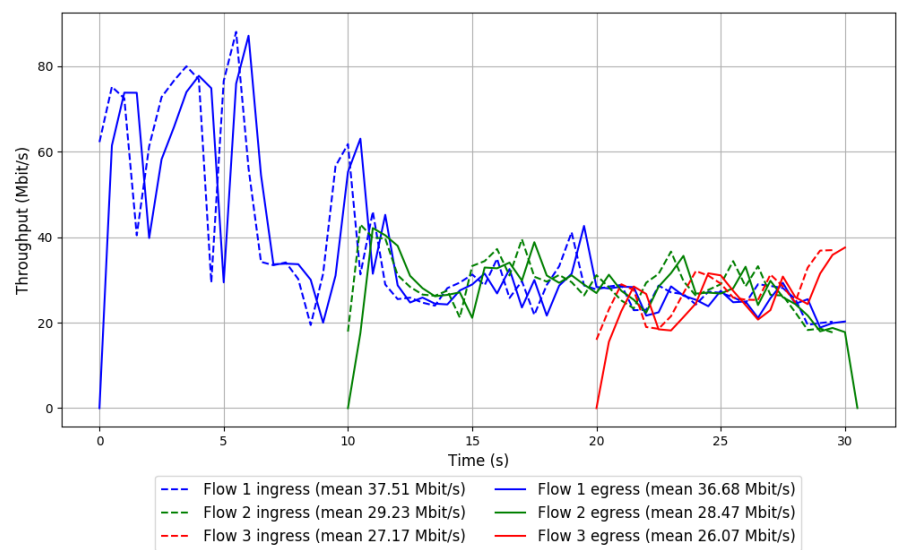


Run 10: Statistics of Copa

Start at: 2018-07-10 06:53:08
End at: 2018-07-10 06:53:38
Local clock offset: 2.32 ms
Remote clock offset: -9.232 ms

Below is generated by plot.py at 2018-07-10 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.30 Mbit/s
95th percentile per-packet one-way delay: 13.993 ms
Loss rate: 2.59%
-- Flow 1:
Average throughput: 36.68 Mbit/s
95th percentile per-packet one-way delay: 14.606 ms
Loss rate: 2.22%
-- Flow 2:
Average throughput: 28.47 Mbit/s
95th percentile per-packet one-way delay: 13.311 ms
Loss rate: 2.60%
-- Flow 3:
Average throughput: 26.07 Mbit/s
95th percentile per-packet one-way delay: 13.280 ms
Loss rate: 4.07%

Run 10: Report of Copa — Data Link

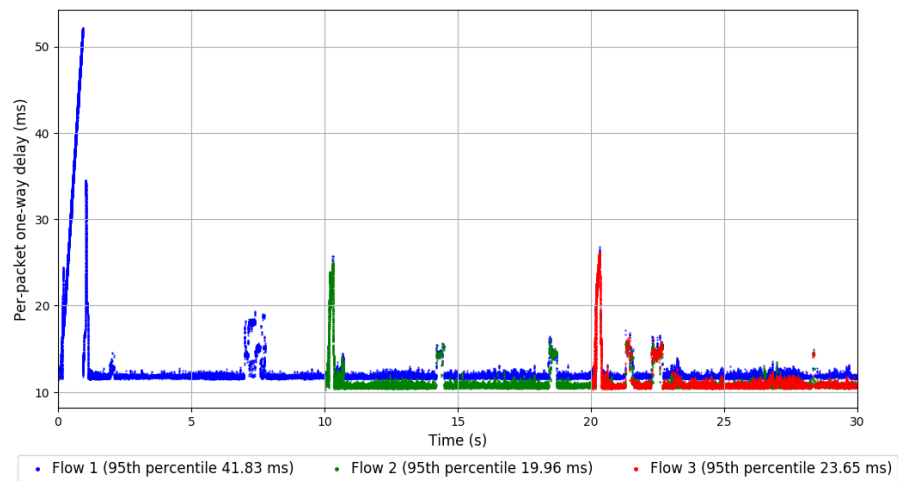
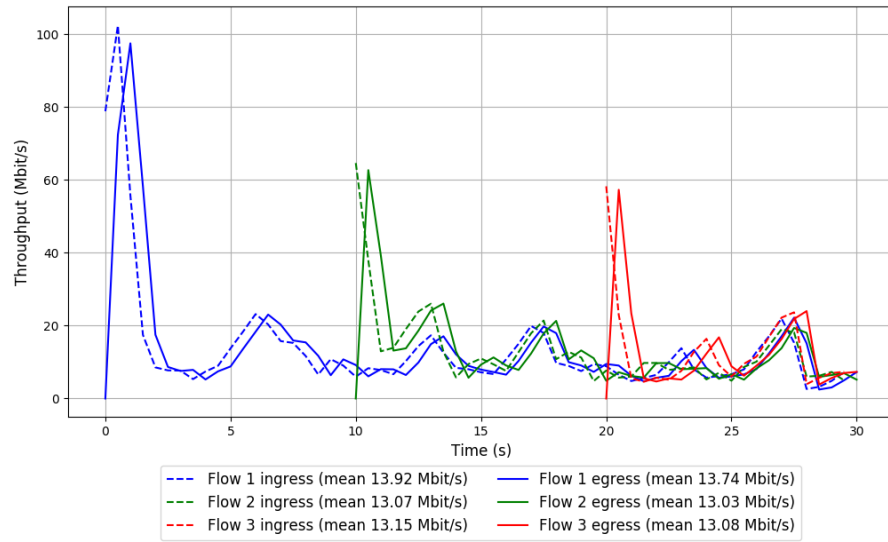


Run 1: Statistics of TCP Cubic

Start at: 2018-07-10 03:43:05
End at: 2018-07-10 03:43:35
Local clock offset: 1.367 ms
Remote clock offset: -4.104 ms

Below is generated by plot.py at 2018-07-10 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.76 Mbit/s
95th percentile per-packet one-way delay: 32.745 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 13.74 Mbit/s
95th percentile per-packet one-way delay: 41.831 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 19.963 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 23.654 ms
Loss rate: 0.54%

Run 1: Report of TCP Cubic — Data Link

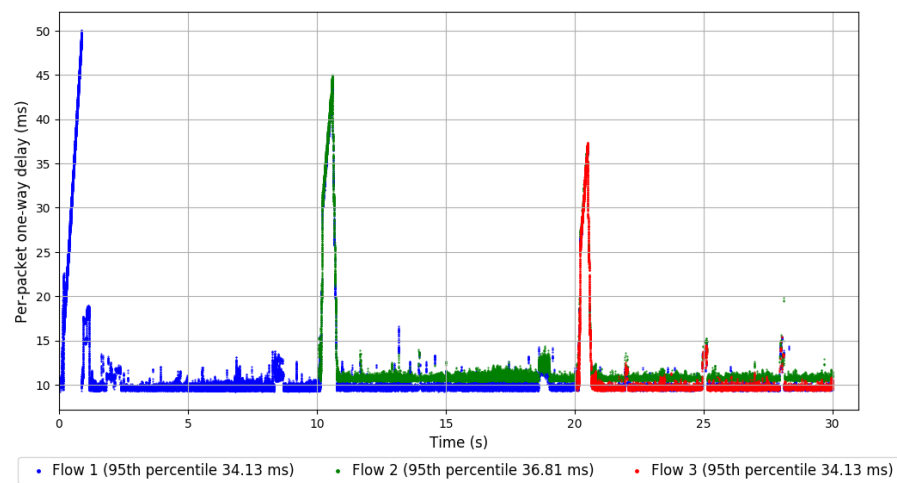
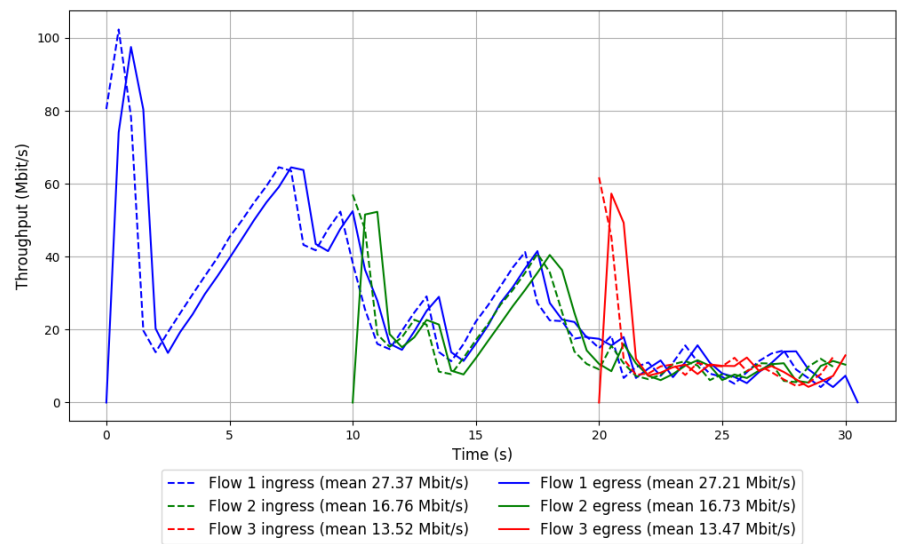


Run 2: Statistics of TCP Cubic

Start at: 2018-07-10 04:03:47
End at: 2018-07-10 04:04:17
Local clock offset: 0.275 ms
Remote clock offset: -8.035 ms

Below is generated by plot.py at 2018-07-10 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 42.83 Mbit/s
95th percentile per-packet one-way delay: 34.985 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 27.21 Mbit/s
95th percentile per-packet one-way delay: 34.126 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 16.73 Mbit/s
95th percentile per-packet one-way delay: 36.815 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 13.47 Mbit/s
95th percentile per-packet one-way delay: 34.129 ms
Loss rate: 0.34%

Run 2: Report of TCP Cubic — Data Link

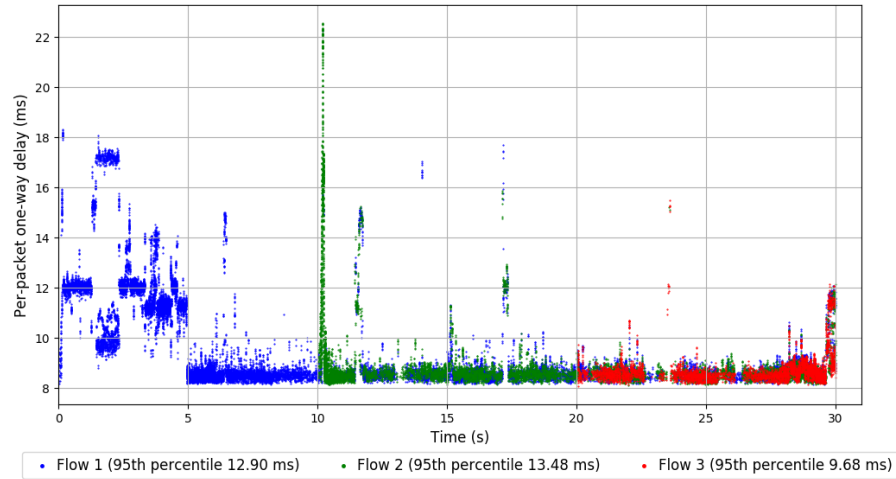
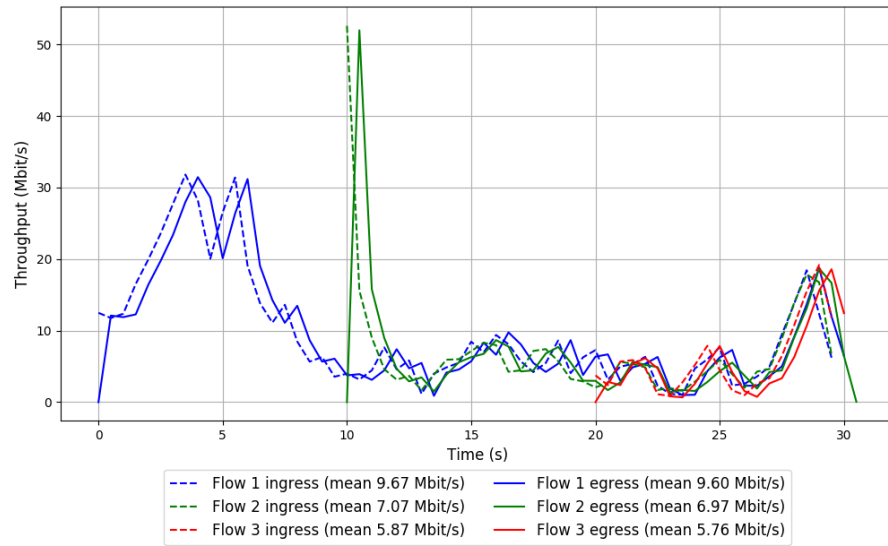


Run 3: Statistics of TCP Cubic

Start at: 2018-07-10 04:24:13
End at: 2018-07-10 04:24:43
Local clock offset: 2.809 ms
Remote clock offset: -2.585 ms

Below is generated by plot.py at 2018-07-10 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 12.491 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 9.60 Mbit/s
95th percentile per-packet one-way delay: 12.904 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 6.97 Mbit/s
95th percentile per-packet one-way delay: 13.485 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 5.76 Mbit/s
95th percentile per-packet one-way delay: 9.682 ms
Loss rate: 1.89%

Run 3: Report of TCP Cubic — Data Link

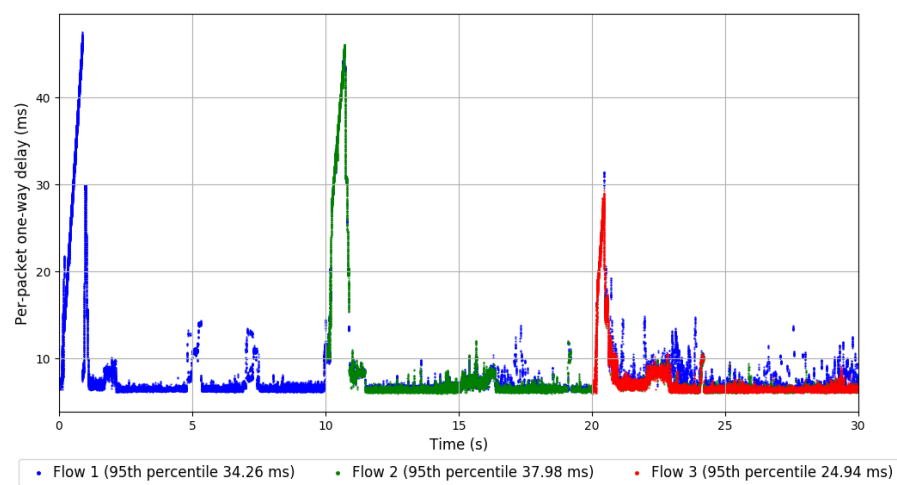
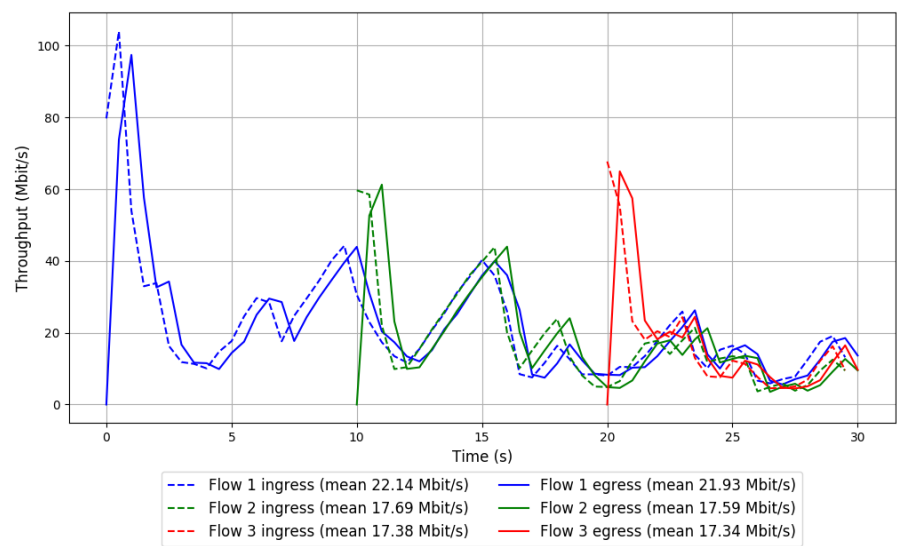


Run 4: Statistics of TCP Cubic

Start at: 2018-07-10 04:44:18
End at: 2018-07-10 04:44:48
Local clock offset: 3.817 ms
Remote clock offset: -2.001 ms

Below is generated by plot.py at 2018-07-10 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.42 Mbit/s
95th percentile per-packet one-way delay: 34.050 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 21.93 Mbit/s
95th percentile per-packet one-way delay: 34.262 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 17.59 Mbit/s
95th percentile per-packet one-way delay: 37.975 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 17.34 Mbit/s
95th percentile per-packet one-way delay: 24.940 ms
Loss rate: 0.21%

Run 4: Report of TCP Cubic — Data Link

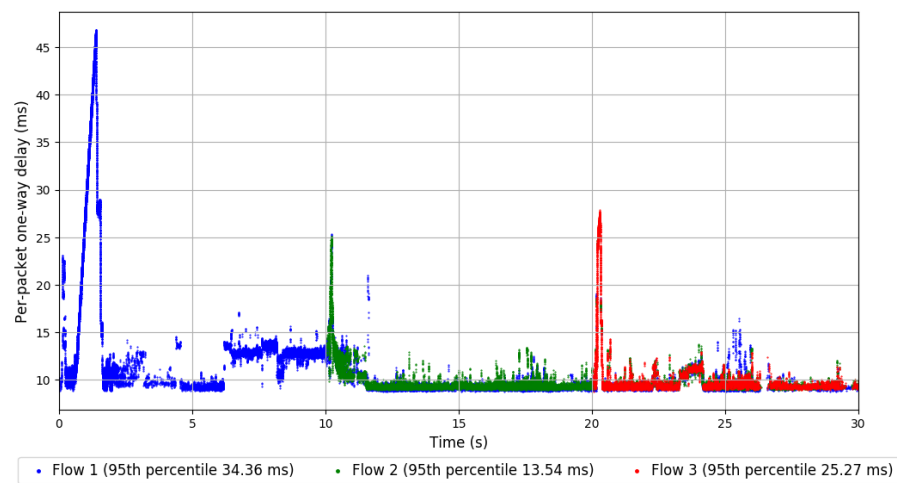
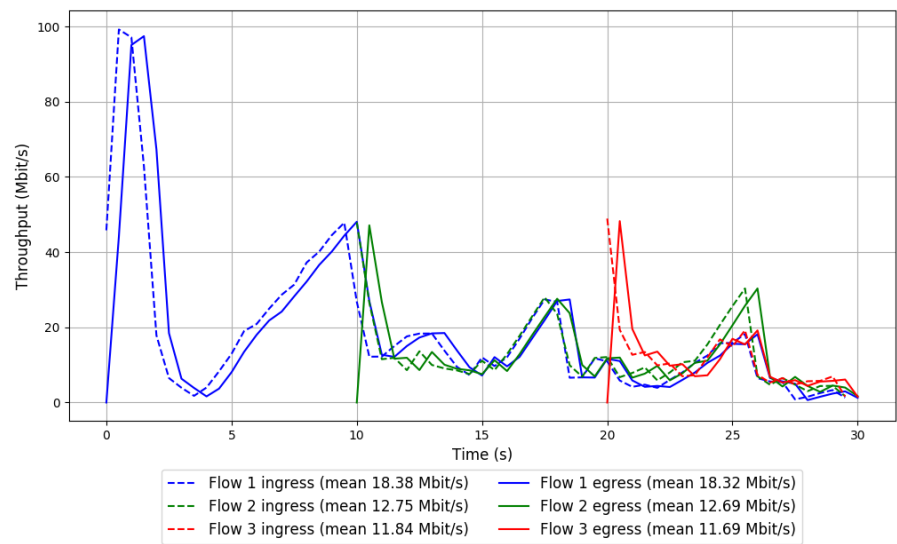


Run 5: Statistics of TCP Cubic

Start at: 2018-07-10 05:04:57
End at: 2018-07-10 05:05:27
Local clock offset: 0.355 ms
Remote clock offset: -2.822 ms

Below is generated by plot.py at 2018-07-10 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 30.65 Mbit/s
95th percentile per-packet one-way delay: 28.205 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 18.32 Mbit/s
95th percentile per-packet one-way delay: 34.361 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 13.540 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 11.69 Mbit/s
95th percentile per-packet one-way delay: 25.272 ms
Loss rate: 1.27%

Run 5: Report of TCP Cubic — Data Link

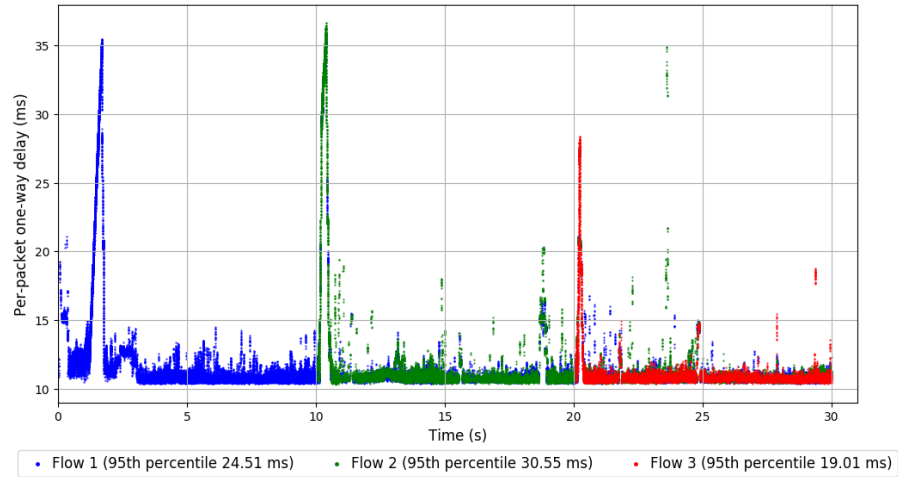
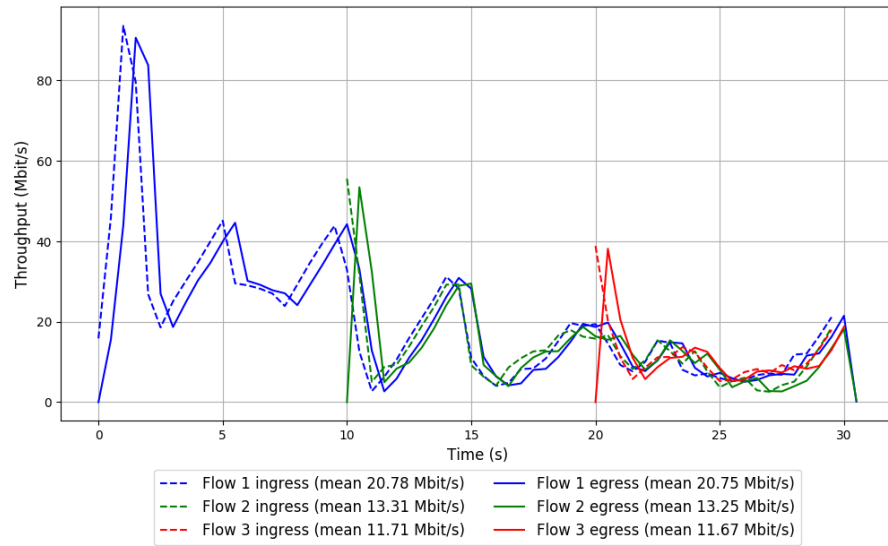


Run 6: Statistics of TCP Cubic

Start at: 2018-07-10 05:25:58
End at: 2018-07-10 05:26:28
Local clock offset: 1.98 ms
Remote clock offset: -0.613 ms

Below is generated by plot.py at 2018-07-10 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.45 Mbit/s
95th percentile per-packet one-way delay: 24.936 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 20.75 Mbit/s
95th percentile per-packet one-way delay: 24.509 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 30.551 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 19.013 ms
Loss rate: 0.35%

Run 6: Report of TCP Cubic — Data Link

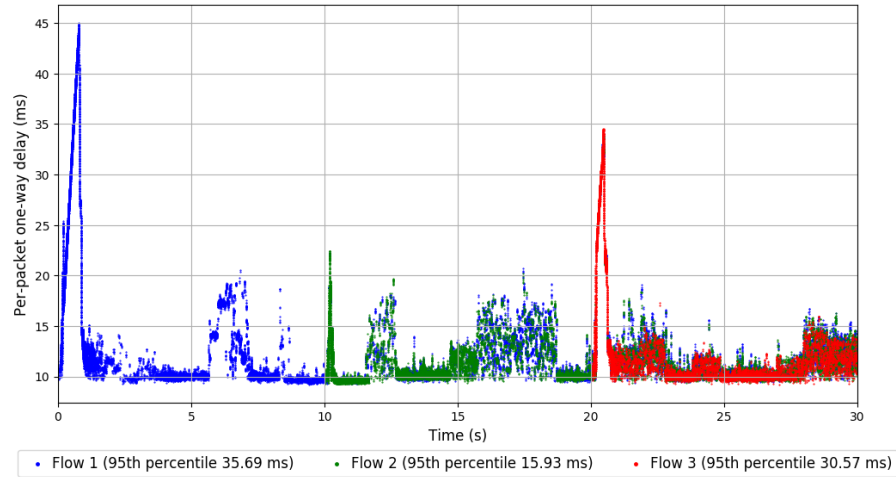
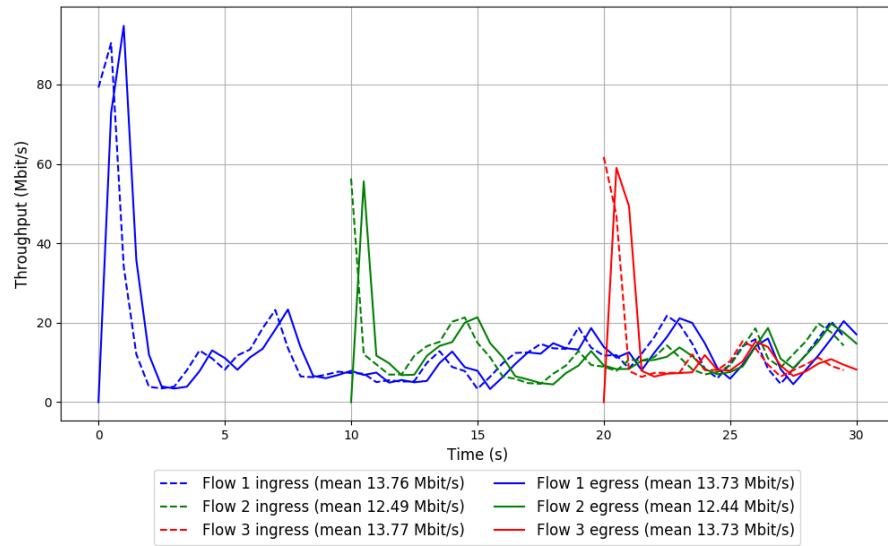


Run 7: Statistics of TCP Cubic

Start at: 2018-07-10 05:47:12
End at: 2018-07-10 05:47:42
Local clock offset: 2.768 ms
Remote clock offset: -1.441 ms

Below is generated by plot.py at 2018-07-10 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.58 Mbit/s
95th percentile per-packet one-way delay: 30.777 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 13.73 Mbit/s
95th percentile per-packet one-way delay: 35.688 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 15.925 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 13.73 Mbit/s
95th percentile per-packet one-way delay: 30.567 ms
Loss rate: 0.28%

Run 7: Report of TCP Cubic — Data Link

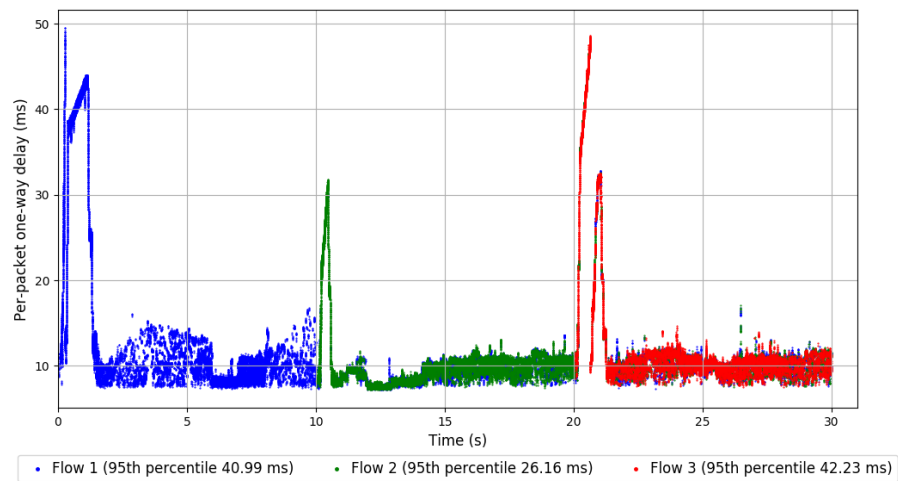
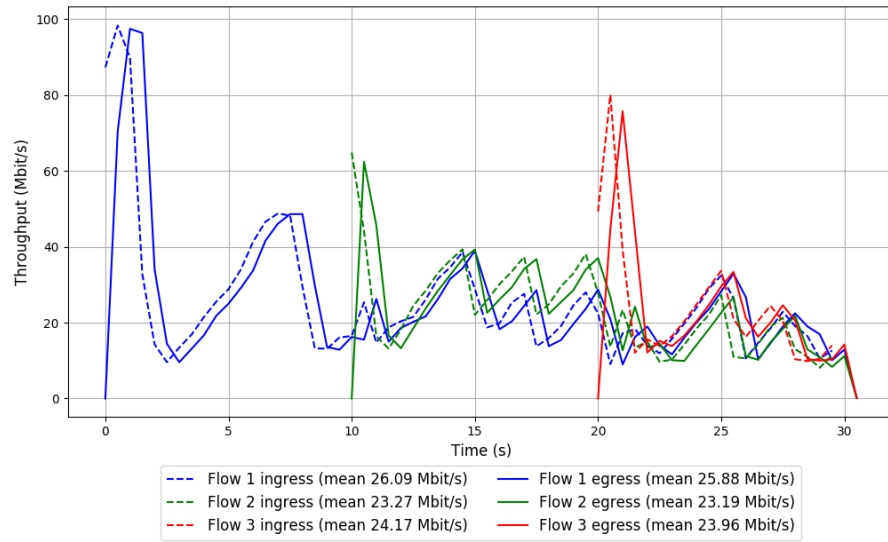


Run 8: Statistics of TCP Cubic

Start at: 2018-07-10 06:07:34
End at: 2018-07-10 06:08:04
Local clock offset: 1.439 ms
Remote clock offset: -12.583 ms

Below is generated by plot.py at 2018-07-10 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.30 Mbit/s
95th percentile per-packet one-way delay: 39.988 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 25.88 Mbit/s
95th percentile per-packet one-way delay: 40.995 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 23.19 Mbit/s
95th percentile per-packet one-way delay: 26.160 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 42.225 ms
Loss rate: 0.85%

Run 8: Report of TCP Cubic — Data Link

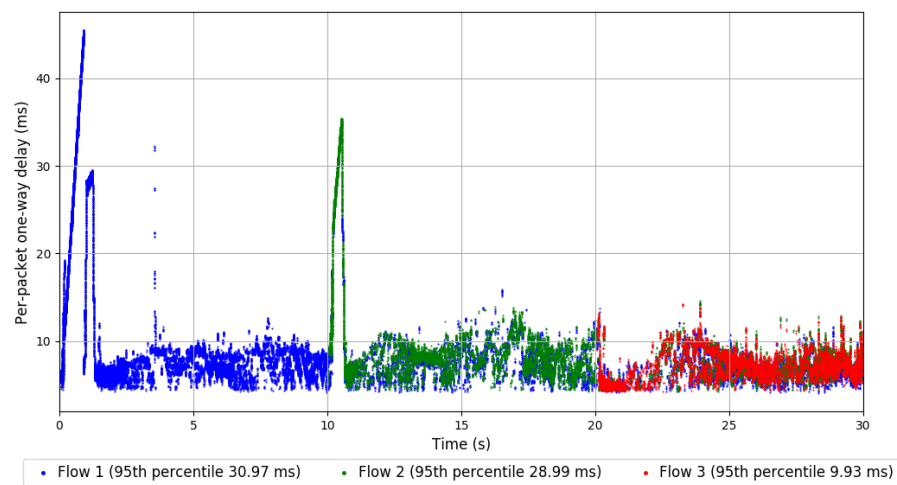
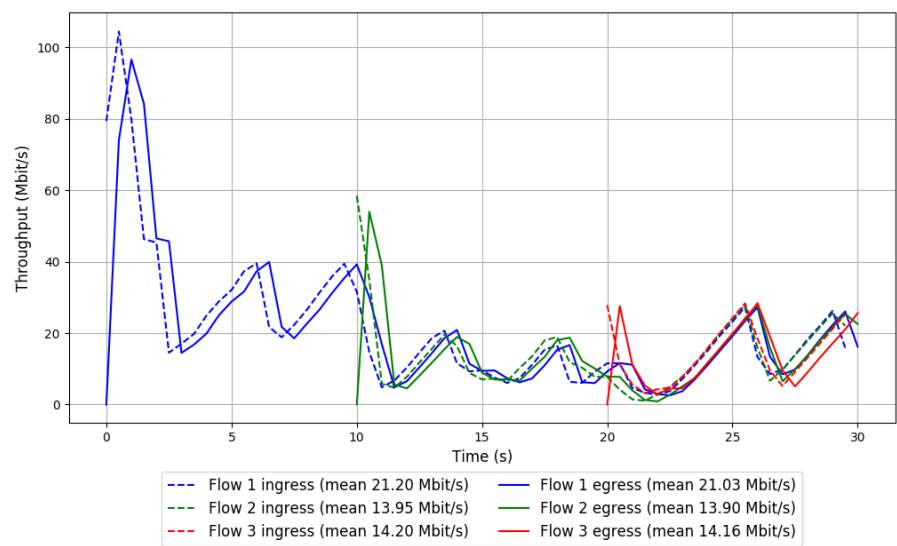


Run 9: Statistics of TCP Cubic

Start at: 2018-07-10 06:27:56
End at: 2018-07-10 06:28:26
Local clock offset: 3.953 ms
Remote clock offset: -14.467 ms

Below is generated by plot.py at 2018-07-10 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 35.00 Mbit/s
95th percentile per-packet one-way delay: 29.000 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 21.03 Mbit/s
95th percentile per-packet one-way delay: 30.969 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 13.90 Mbit/s
95th percentile per-packet one-way delay: 28.994 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 14.16 Mbit/s
95th percentile per-packet one-way delay: 9.925 ms
Loss rate: 0.34%

Run 9: Report of TCP Cubic — Data Link

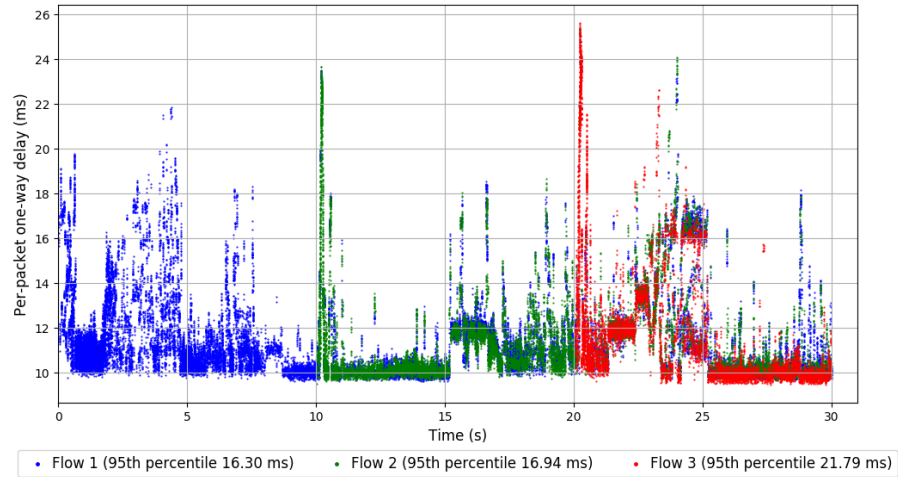
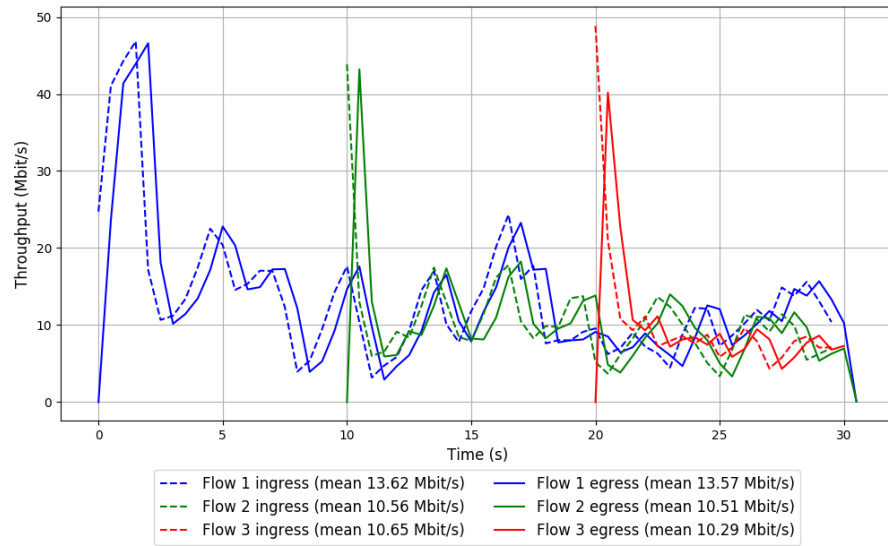


Run 10: Statistics of TCP Cubic

Start at: 2018-07-10 06:48:08
End at: 2018-07-10 06:48:38
Local clock offset: 0.987 ms
Remote clock offset: -9.912 ms

Below is generated by plot.py at 2018-07-10 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 16.810 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 13.57 Mbit/s
95th percentile per-packet one-way delay: 16.295 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 10.51 Mbit/s
95th percentile per-packet one-way delay: 16.944 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 10.29 Mbit/s
95th percentile per-packet one-way delay: 21.794 ms
Loss rate: 3.46%

Run 10: Report of TCP Cubic — Data Link

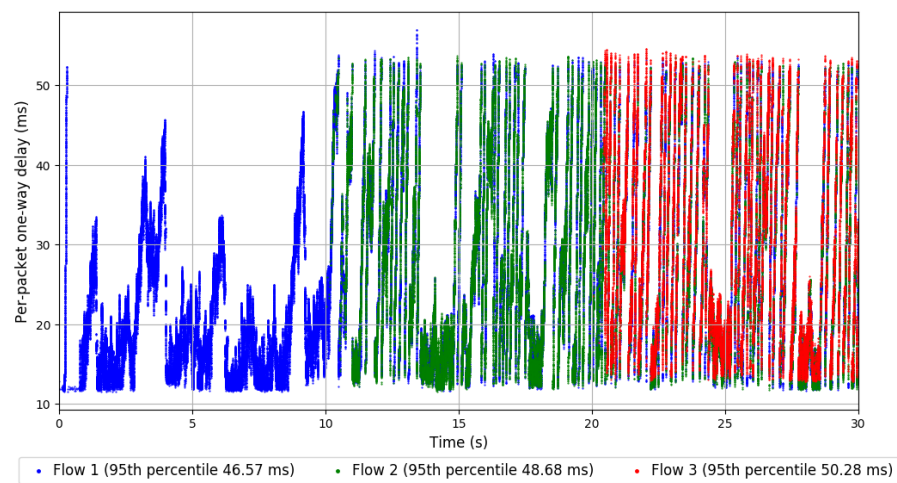
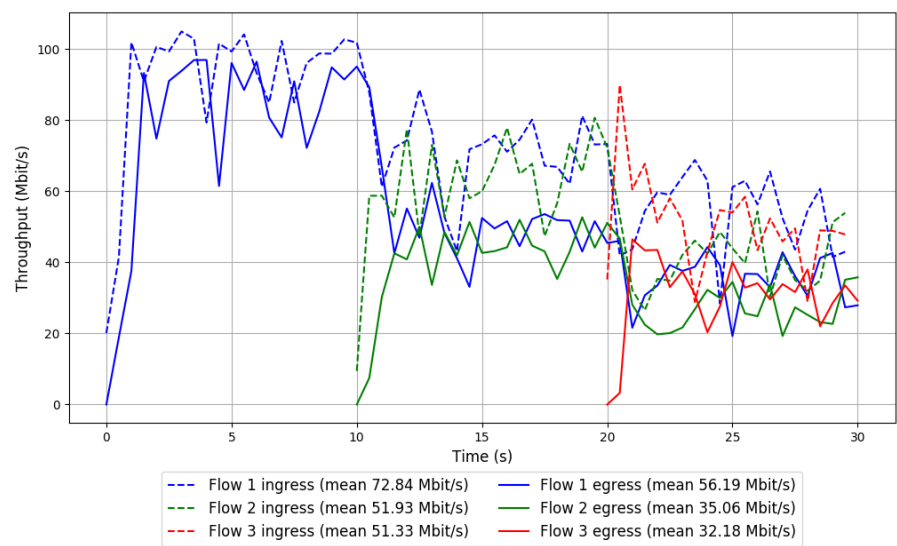


Run 1: Statistics of FillP

Start at: 2018-07-10 03:44:14
End at: 2018-07-10 03:44:44
Local clock offset: 0.595 ms
Remote clock offset: -3.544 ms

Below is generated by plot.py at 2018-07-10 07:10:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 47.951 ms
Loss rate: 27.46%
-- Flow 1:
Average throughput: 56.19 Mbit/s
95th percentile per-packet one-way delay: 46.571 ms
Loss rate: 22.81%
-- Flow 2:
Average throughput: 35.06 Mbit/s
95th percentile per-packet one-way delay: 48.680 ms
Loss rate: 32.46%
-- Flow 3:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 50.281 ms
Loss rate: 37.26%

Run 1: Report of FillP — Data Link

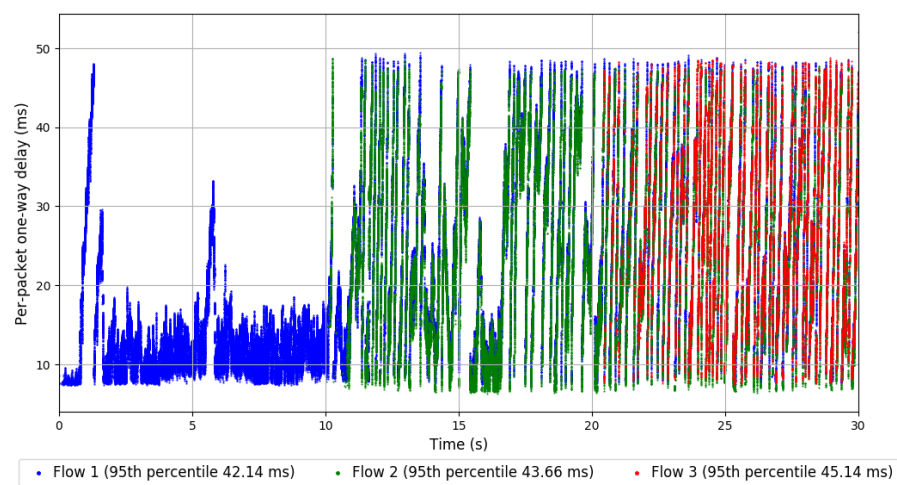
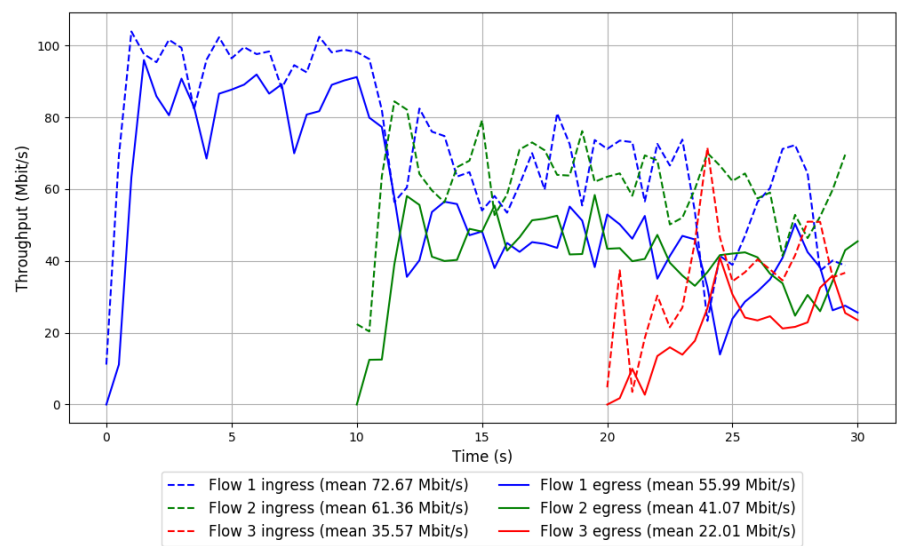


Run 2: Statistics of FillP

Start at: 2018-07-10 04:04:58
End at: 2018-07-10 04:05:28
Local clock offset: 3.234 ms
Remote clock offset: -7.933 ms

Below is generated by plot.py at 2018-07-10 07:10:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 43.183 ms
Loss rate: 27.68%
-- Flow 1:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 42.138 ms
Loss rate: 22.86%
-- Flow 2:
Average throughput: 41.07 Mbit/s
95th percentile per-packet one-way delay: 43.662 ms
Loss rate: 32.94%
-- Flow 3:
Average throughput: 22.01 Mbit/s
95th percentile per-packet one-way delay: 45.140 ms
Loss rate: 39.16%

Run 2: Report of FillP — Data Link

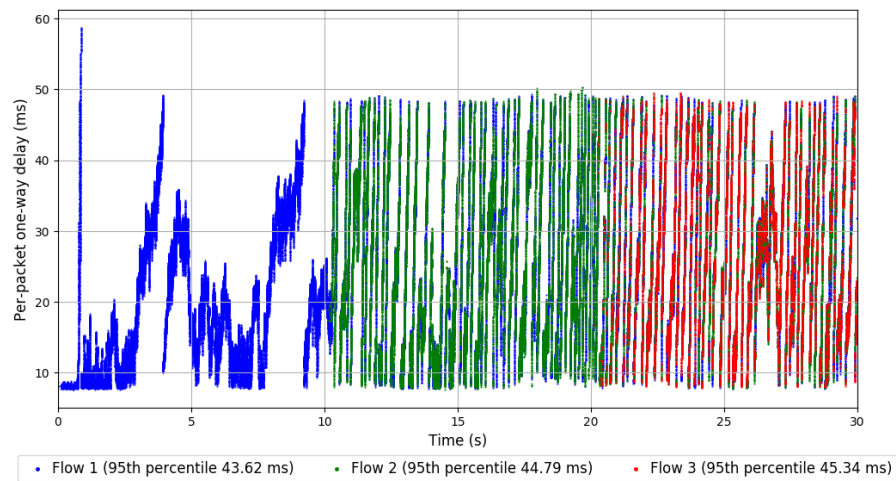
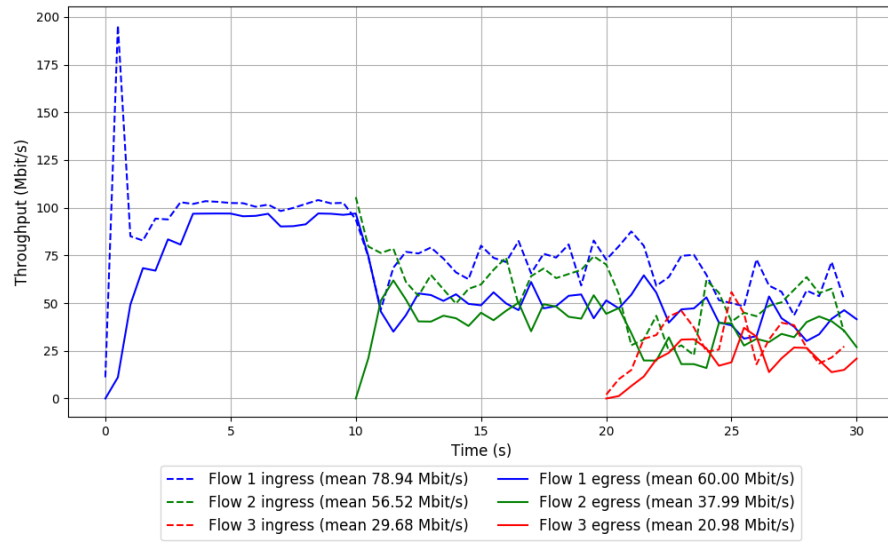


Run 3: Statistics of FillP

Start at: 2018-07-10 04:25:21
End at: 2018-07-10 04:25:51
Local clock offset: 2.982 ms
Remote clock offset: -2.652 ms

Below is generated by plot.py at 2018-07-10 07:10:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.21 Mbit/s
95th percentile per-packet one-way delay: 44.155 ms
Loss rate: 27.00%
-- Flow 1:
Average throughput: 60.00 Mbit/s
95th percentile per-packet one-way delay: 43.620 ms
Loss rate: 23.94%
-- Flow 2:
Average throughput: 37.99 Mbit/s
95th percentile per-packet one-way delay: 44.794 ms
Loss rate: 32.78%
-- Flow 3:
Average throughput: 20.98 Mbit/s
95th percentile per-packet one-way delay: 45.337 ms
Loss rate: 29.44%

Run 3: Report of FillP — Data Link

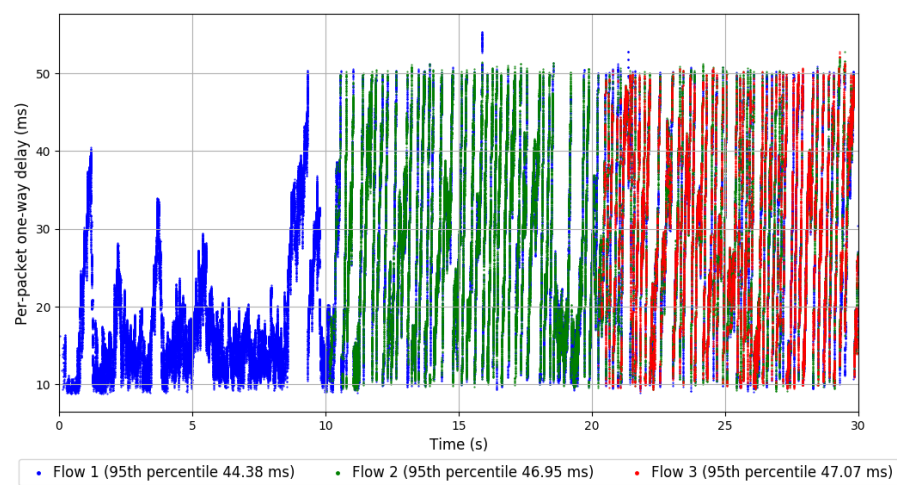
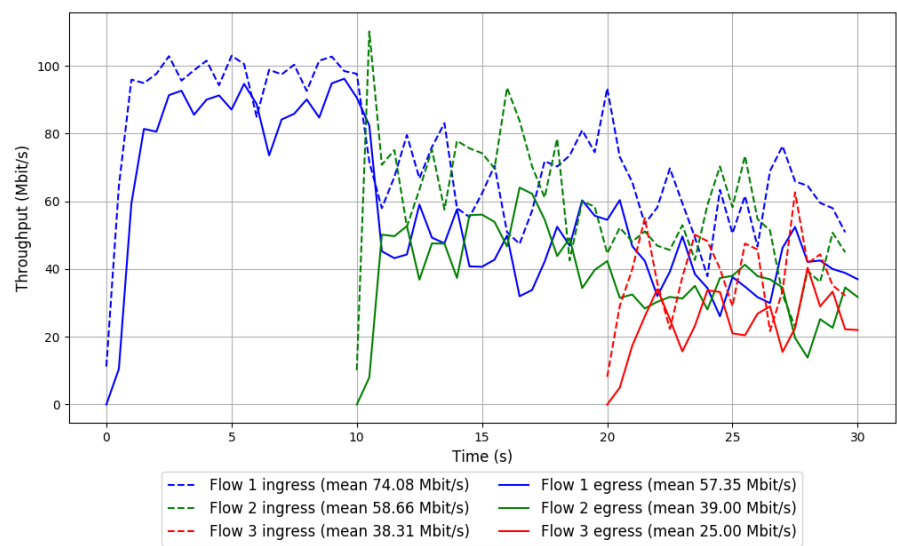


Run 4: Statistics of FillP

Start at: 2018-07-10 04:45:26
End at: 2018-07-10 04:45:56
Local clock offset: 0.44 ms
Remote clock offset: -2.579 ms

Below is generated by plot.py at 2018-07-10 07:10:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.59 Mbit/s
95th percentile per-packet one-way delay: 45.823 ms
Loss rate: 27.17%
-- Flow 1:
Average throughput: 57.35 Mbit/s
95th percentile per-packet one-way delay: 44.385 ms
Loss rate: 22.54%
-- Flow 2:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 46.948 ms
Loss rate: 33.49%
-- Flow 3:
Average throughput: 25.00 Mbit/s
95th percentile per-packet one-way delay: 47.072 ms
Loss rate: 34.77%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-07-10 05:06:06

End at: 2018-07-10 05:06:36

Local clock offset: 3.032 ms

Remote clock offset: -2.09 ms

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

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.22 Mbit/s

95th percentile per-packet one-way delay: 43.582 ms

Loss rate: 27.80%

-- Flow 1:

Average throughput: 58.22 Mbit/s

95th percentile per-packet one-way delay: 42.750 ms

Loss rate: 24.74%

-- Flow 2:

Average throughput: 34.63 Mbit/s

95th percentile per-packet one-way delay: 44.737 ms

Loss rate: 31.75%

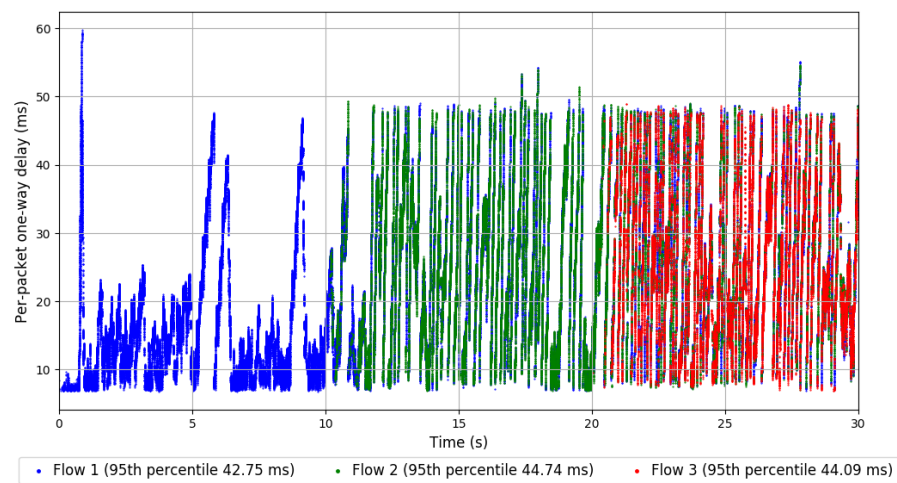
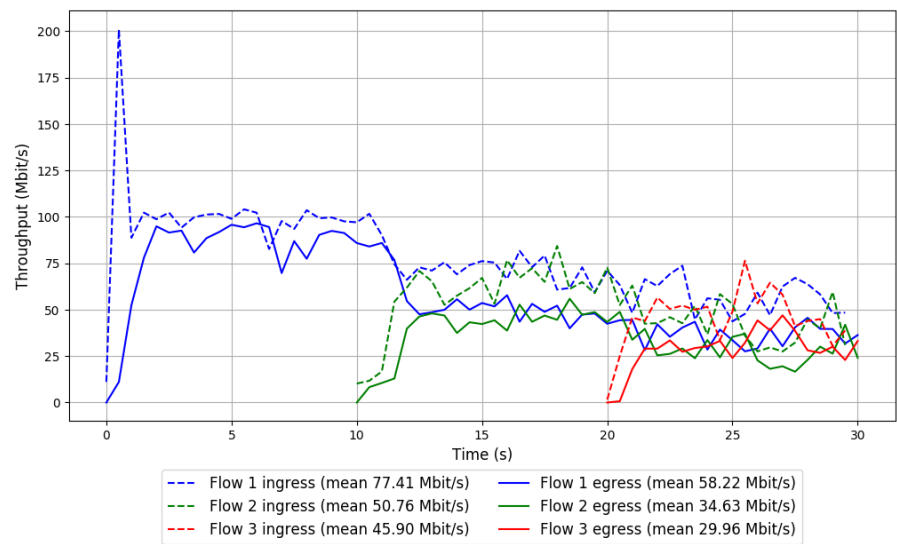
-- Flow 3:

Average throughput: 29.96 Mbit/s

95th percentile per-packet one-way delay: 44.090 ms

Loss rate: 34.58%

Run 5: Report of FillP — Data Link

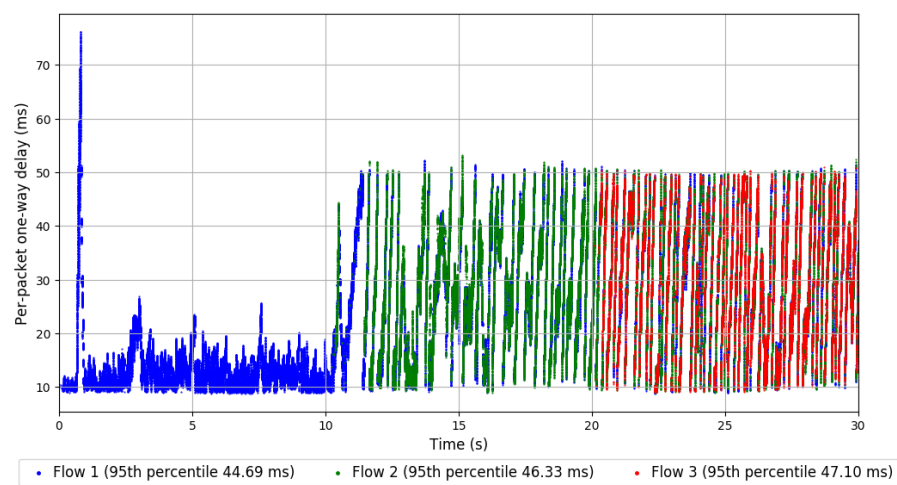
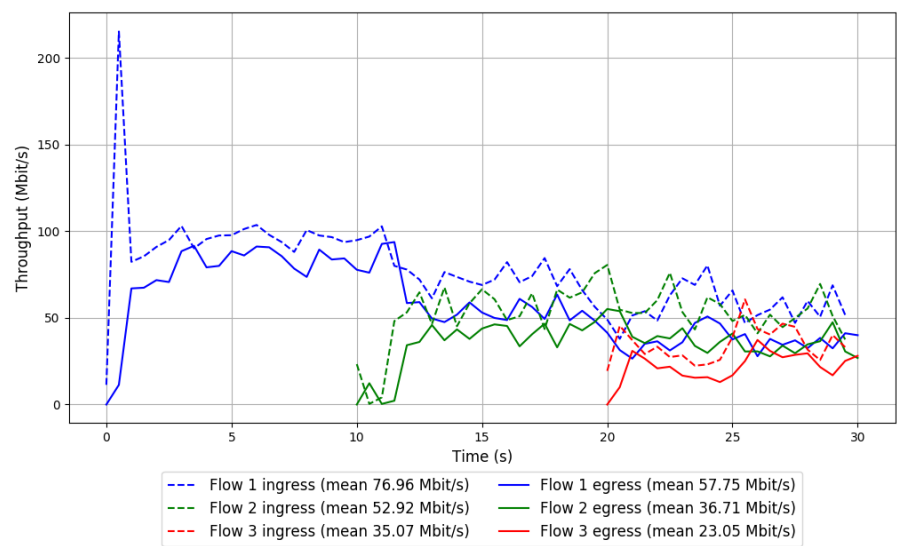


Run 6: Statistics of FillP

Start at: 2018-07-10 05:27:06
End at: 2018-07-10 05:27:36
Local clock offset: 3.031 ms
Remote clock offset: -1.039 ms

Below is generated by plot.py at 2018-07-10 07:10:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.61 Mbit/s
95th percentile per-packet one-way delay: 45.638 ms
Loss rate: 27.58%
-- Flow 1:
Average throughput: 57.75 Mbit/s
95th percentile per-packet one-way delay: 44.691 ms
Loss rate: 24.89%
-- Flow 2:
Average throughput: 36.71 Mbit/s
95th percentile per-packet one-way delay: 46.329 ms
Loss rate: 31.25%
-- Flow 3:
Average throughput: 23.05 Mbit/s
95th percentile per-packet one-way delay: 47.104 ms
Loss rate: 34.22%

Run 6: Report of FillP — Data Link

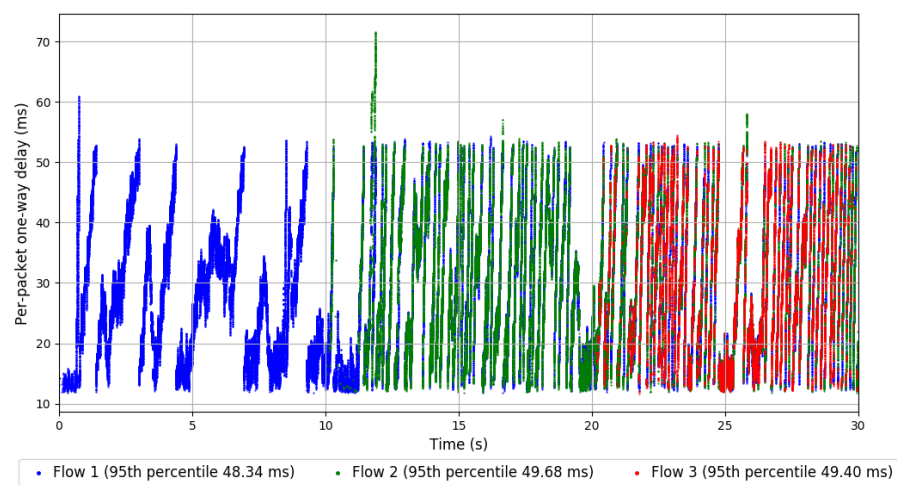
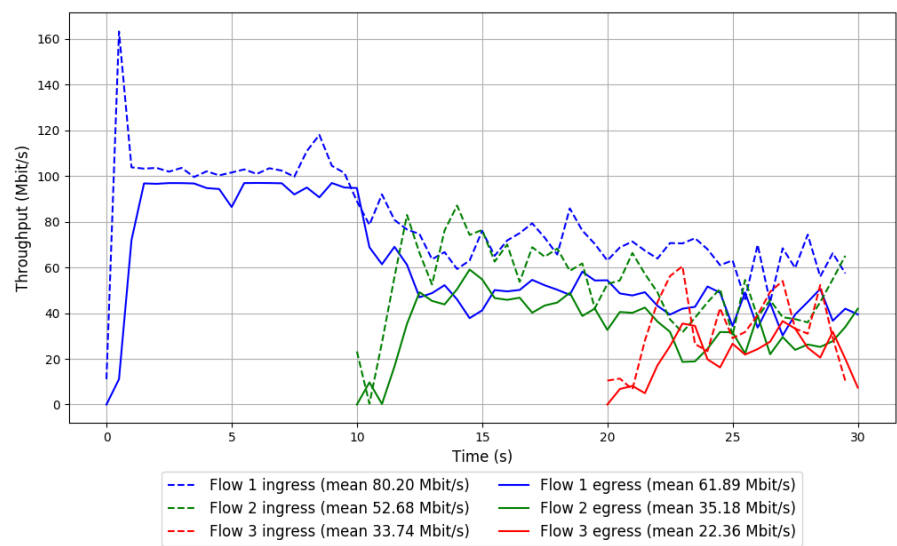


Run 7: Statistics of FillP

Start at: 2018-07-10 05:48:19
End at: 2018-07-10 05:48:49
Local clock offset: 0.722 ms
Remote clock offset: -0.899 ms

Below is generated by plot.py at 2018-07-10 07:10:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 48.813 ms
Loss rate: 26.67%
-- Flow 1:
Average throughput: 61.89 Mbit/s
95th percentile per-packet one-way delay: 48.342 ms
Loss rate: 22.82%
-- Flow 2:
Average throughput: 35.18 Mbit/s
95th percentile per-packet one-way delay: 49.684 ms
Loss rate: 33.20%
-- Flow 3:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 49.402 ms
Loss rate: 33.80%

Run 7: Report of FillP — Data Link

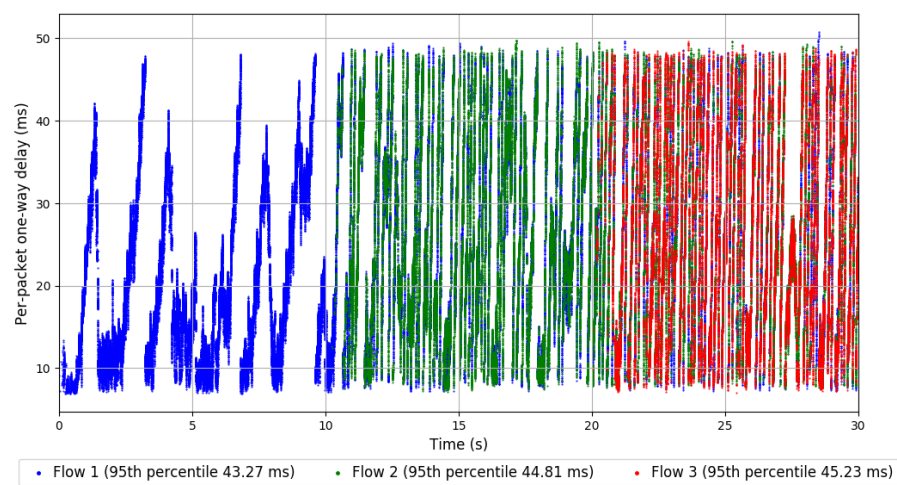
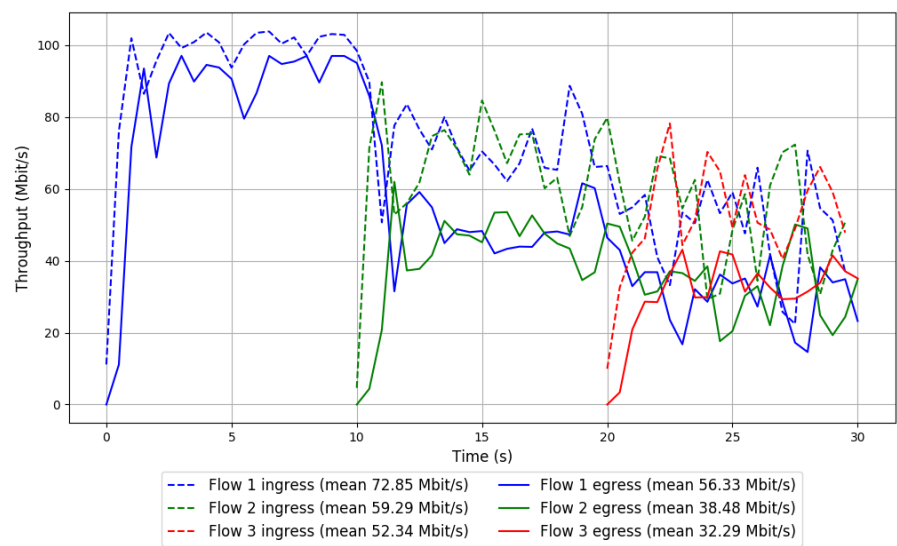


Run 8: Statistics of FillP

Start at: 2018-07-10 06:08:41
End at: 2018-07-10 06:09:11
Local clock offset: 0.418 ms
Remote clock offset: -13.992 ms

Below is generated by plot.py at 2018-07-10 07:10:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: 44.158 ms
Loss rate: 28.67%
-- Flow 1:
Average throughput: 56.33 Mbit/s
95th percentile per-packet one-way delay: 43.273 ms
Loss rate: 22.61%
-- Flow 2:
Average throughput: 38.48 Mbit/s
95th percentile per-packet one-way delay: 44.809 ms
Loss rate: 35.68%
-- Flow 3:
Average throughput: 32.29 Mbit/s
95th percentile per-packet one-way delay: 45.228 ms
Loss rate: 38.17%

Run 8: Report of FillP — Data Link

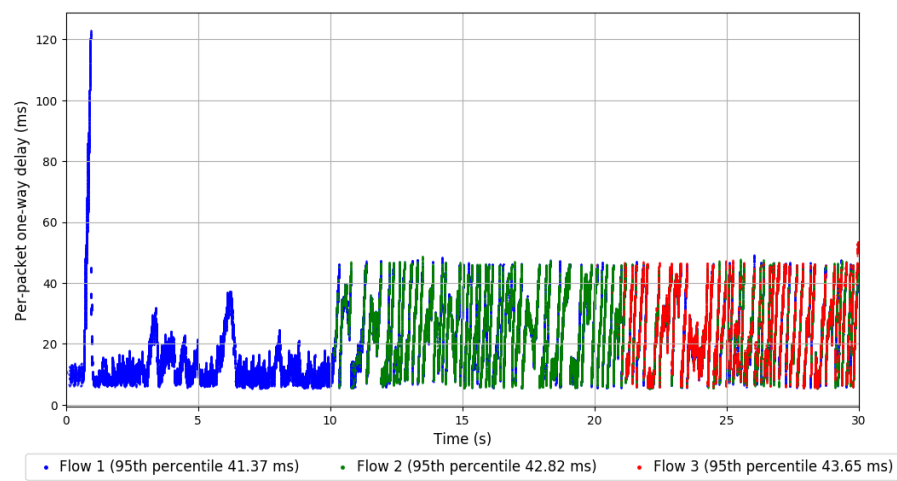
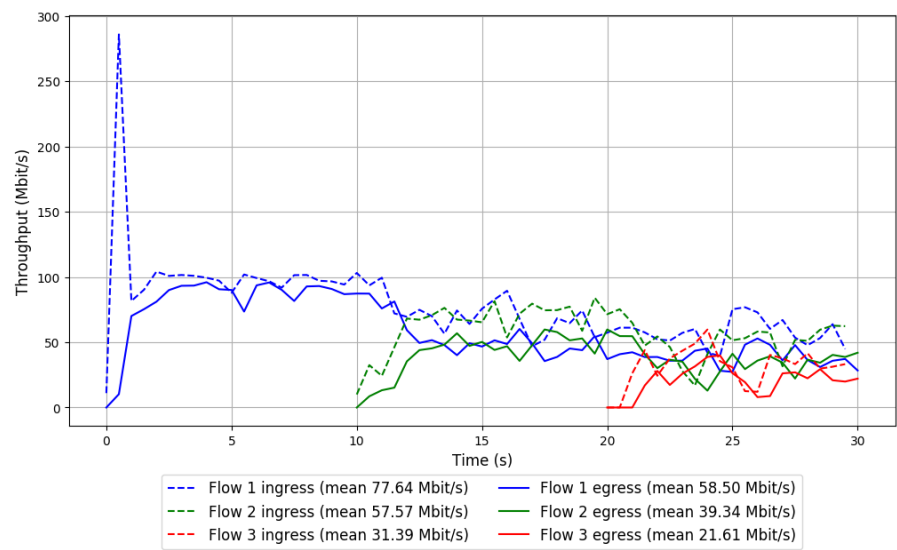


Run 9: Statistics of FillP

Start at: 2018-07-10 06:29:03
End at: 2018-07-10 06:29:33
Local clock offset: 1.253 ms
Remote clock offset: -15.117 ms

Below is generated by plot.py at 2018-07-10 07:11:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.85 Mbit/s
95th percentile per-packet one-way delay: 42.260 ms
Loss rate: 27.24%
-- Flow 1:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 41.371 ms
Loss rate: 24.58%
-- Flow 2:
Average throughput: 39.34 Mbit/s
95th percentile per-packet one-way delay: 42.819 ms
Loss rate: 31.57%
-- Flow 3:
Average throughput: 21.61 Mbit/s
95th percentile per-packet one-way delay: 43.654 ms
Loss rate: 31.14%

Run 9: Report of FillP — Data Link

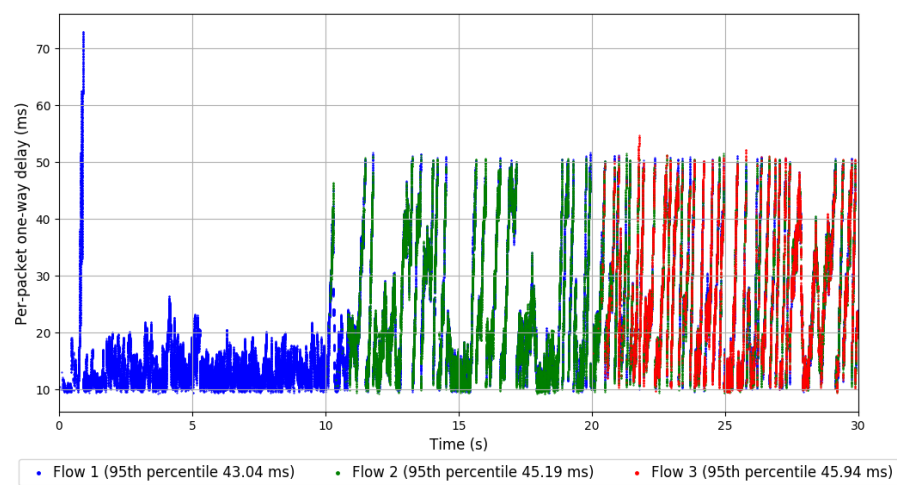
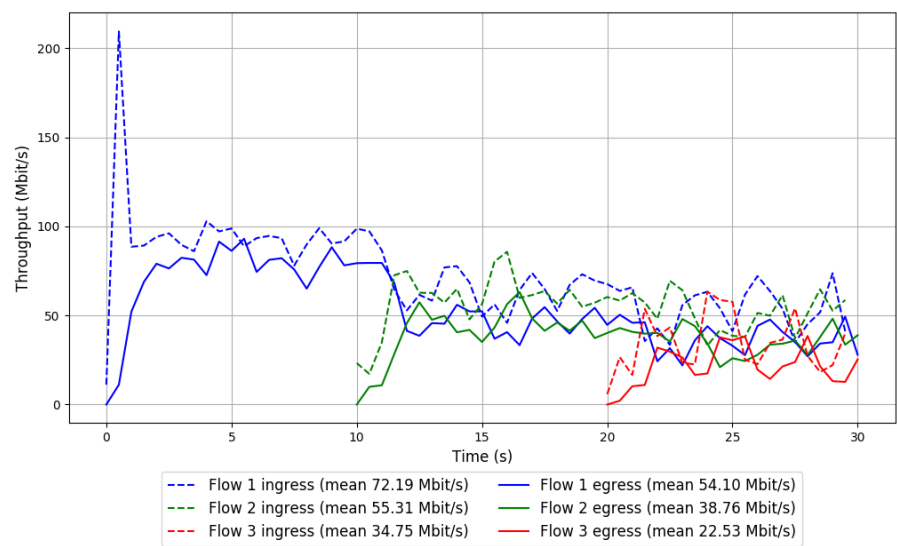


Run 10: Statistics of FillP

Start at: 2018-07-10 06:49:15
End at: 2018-07-10 06:49:45
Local clock offset: 2.267 ms
Remote clock offset: -8.944 ms

Below is generated by plot.py at 2018-07-10 07:11:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.38 Mbit/s
95th percentile per-packet one-way delay: 44.263 ms
Loss rate: 27.48%
-- Flow 1:
Average throughput: 54.10 Mbit/s
95th percentile per-packet one-way delay: 43.039 ms
Loss rate: 25.03%
-- Flow 2:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 45.187 ms
Loss rate: 29.89%
-- Flow 3:
Average throughput: 22.53 Mbit/s
95th percentile per-packet one-way delay: 45.940 ms
Loss rate: 35.13%

Run 10: Report of FillP — Data Link

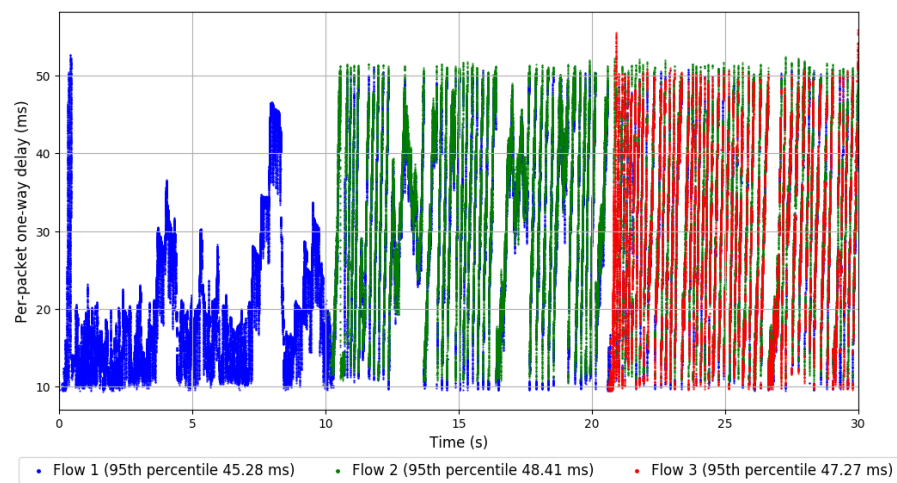
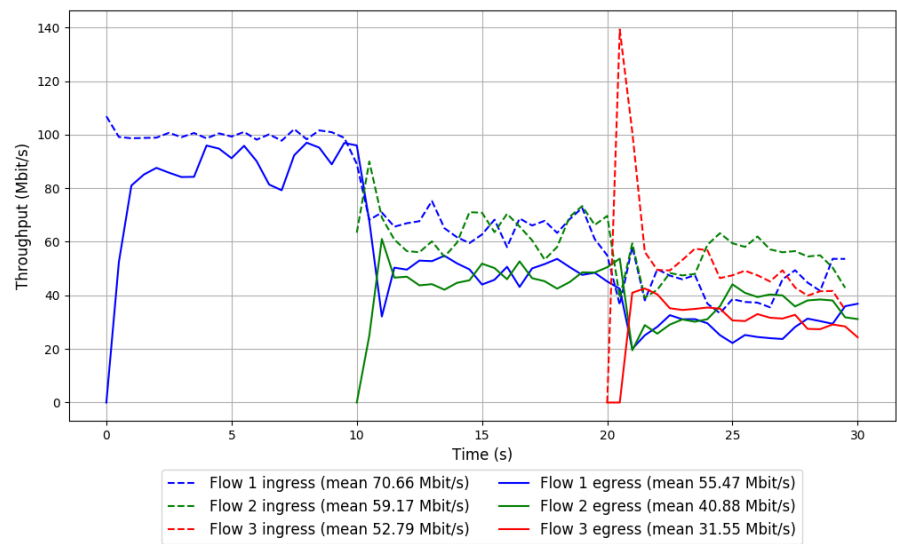


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-10 03:51:32
End at: 2018-07-10 03:52:02
Local clock offset: 2.956 ms
Remote clock offset: -4.088 ms

Below is generated by plot.py at 2018-07-10 07:11:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 46.745 ms
Loss rate: 26.96%
-- Flow 1:
Average throughput: 55.47 Mbit/s
95th percentile per-packet one-way delay: 45.278 ms
Loss rate: 21.45%
-- Flow 2:
Average throughput: 40.88 Mbit/s
95th percentile per-packet one-way delay: 48.408 ms
Loss rate: 30.89%
-- Flow 3:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 47.275 ms
Loss rate: 40.32%

Run 1: Report of FillP-Sheep — Data Link

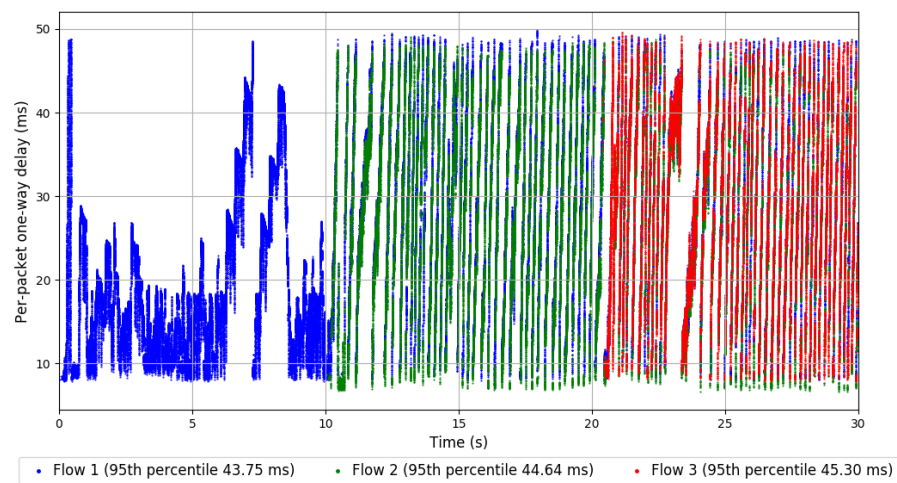
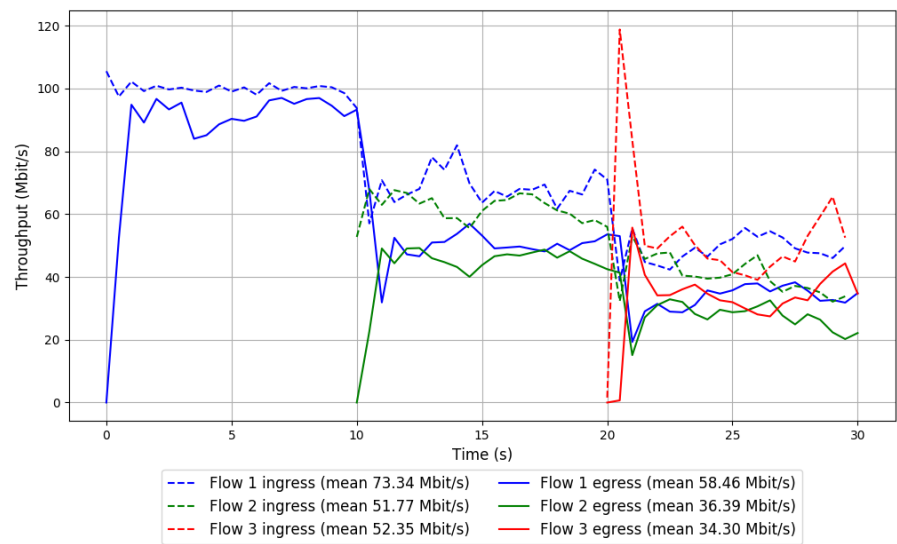


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-10 04:12:22
End at: 2018-07-10 04:12:52
Local clock offset: 2.745 ms
Remote clock offset: -5.399 ms

Below is generated by plot.py at 2018-07-10 07:12:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.01 Mbit/s
95th percentile per-packet one-way delay: 44.294 ms
Loss rate: 24.83%
-- Flow 1:
Average throughput: 58.46 Mbit/s
95th percentile per-packet one-way delay: 43.753 ms
Loss rate: 20.25%
-- Flow 2:
Average throughput: 36.39 Mbit/s
95th percentile per-packet one-way delay: 44.636 ms
Loss rate: 29.66%
-- Flow 3:
Average throughput: 34.30 Mbit/s
95th percentile per-packet one-way delay: 45.305 ms
Loss rate: 34.60%

Run 2: Report of FillP-Sheep — Data Link

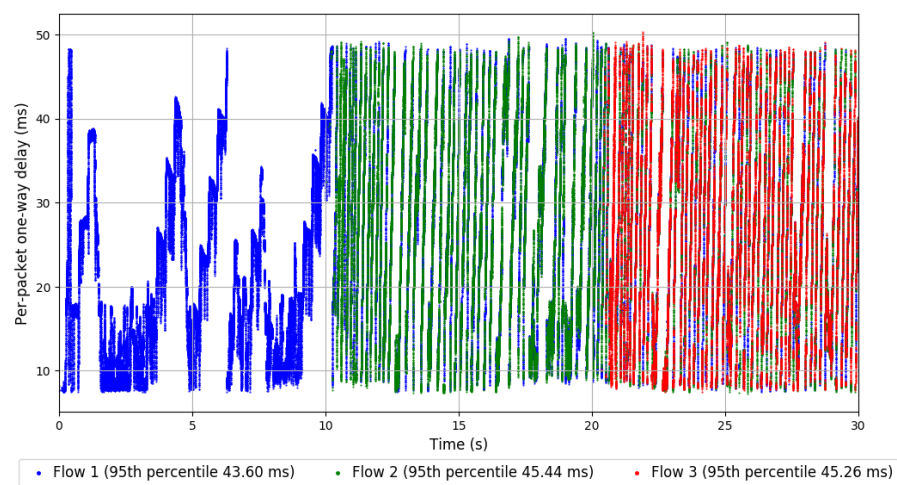
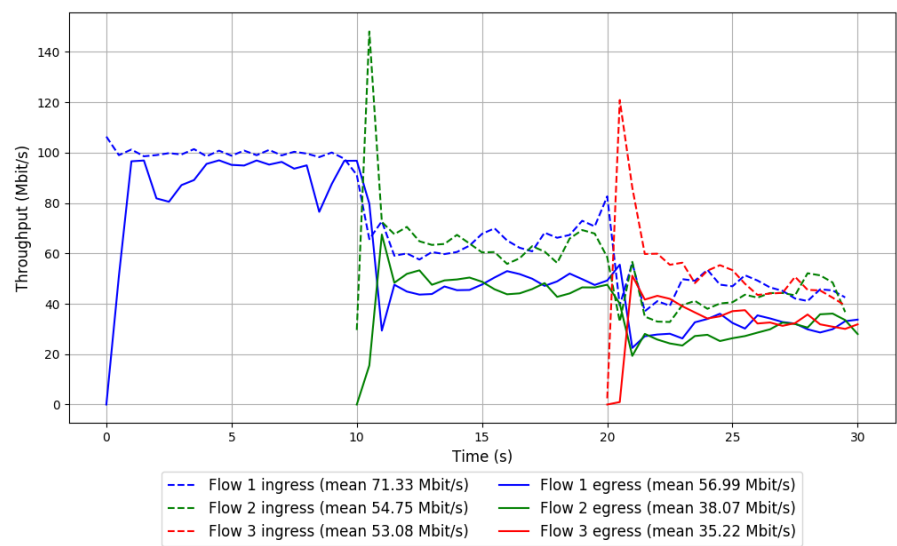


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-10 04:32:32
End at: 2018-07-10 04:33:02
Local clock offset: 2.932 ms
Remote clock offset: -1.438 ms

Below is generated by plot.py at 2018-07-10 07:12:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.78 Mbit/s
95th percentile per-packet one-way delay: 44.591 ms
Loss rate: 25.13%
-- Flow 1:
Average throughput: 56.99 Mbit/s
95th percentile per-packet one-way delay: 43.605 ms
Loss rate: 20.02%
-- Flow 2:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 45.444 ms
Loss rate: 30.45%
-- Flow 3:
Average throughput: 35.22 Mbit/s
95th percentile per-packet one-way delay: 45.263 ms
Loss rate: 34.83%

Run 3: Report of FillP-Sheep — Data Link

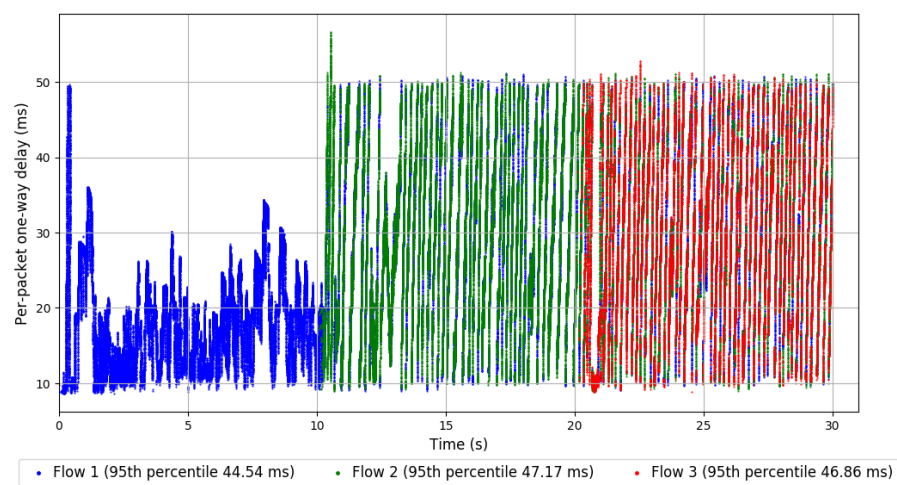
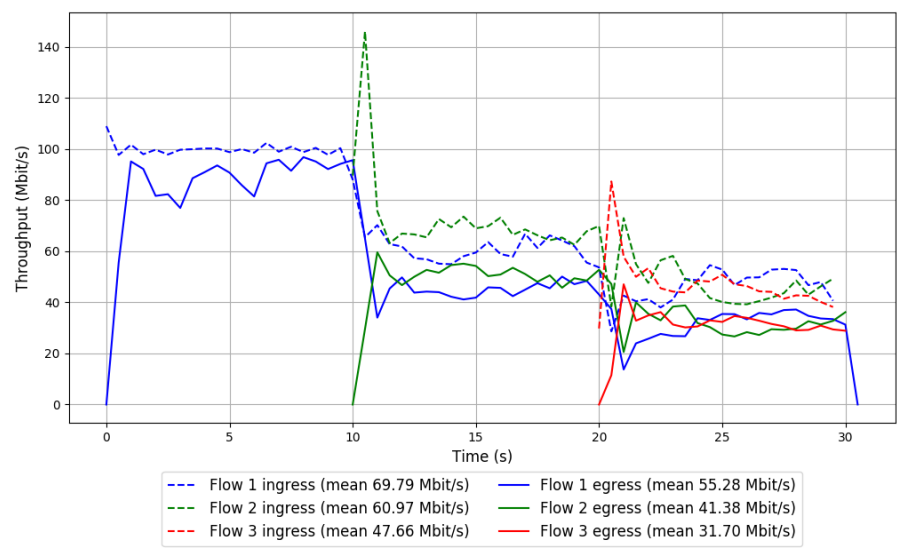


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-10 04:52:58
End at: 2018-07-10 04:53:28
Local clock offset: 1.194 ms
Remote clock offset: -2.343 ms

Below is generated by plot.py at 2018-07-10 07:12:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 46.030 ms
Loss rate: 25.93%
-- Flow 1:
Average throughput: 55.28 Mbit/s
95th percentile per-packet one-way delay: 44.543 ms
Loss rate: 20.69%
-- Flow 2:
Average throughput: 41.38 Mbit/s
95th percentile per-packet one-way delay: 47.167 ms
Loss rate: 32.04%
-- Flow 3:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 46.859 ms
Loss rate: 33.35%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-10 05:13:48

End at: 2018-07-10 05:14:18

Local clock offset: 3.506 ms

Remote clock offset: 0.312 ms

Below is generated by plot.py at 2018-07-10 07:12:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.47 Mbit/s

95th percentile per-packet one-way delay: 45.852 ms

Loss rate: 26.22%

-- Flow 1:

Average throughput: 55.99 Mbit/s

95th percentile per-packet one-way delay: 44.450 ms

Loss rate: 21.07%

-- Flow 2:

Average throughput: 40.79 Mbit/s

95th percentile per-packet one-way delay: 46.856 ms

Loss rate: 31.07%

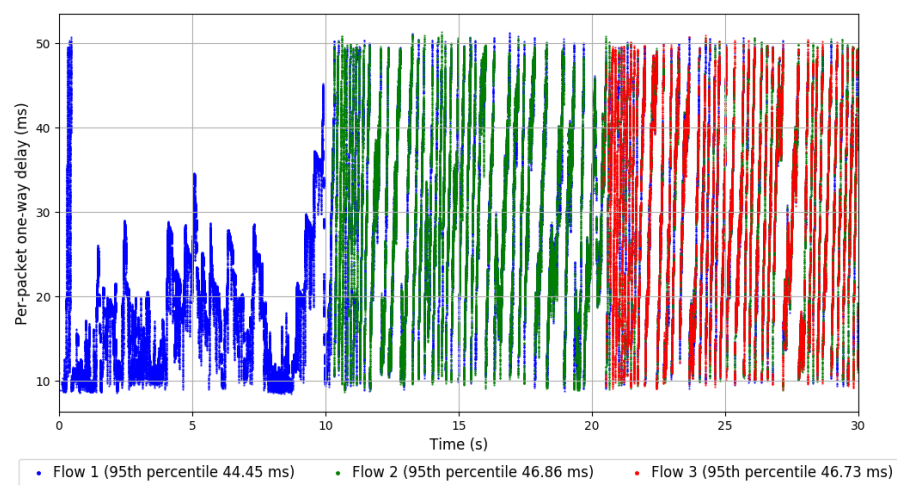
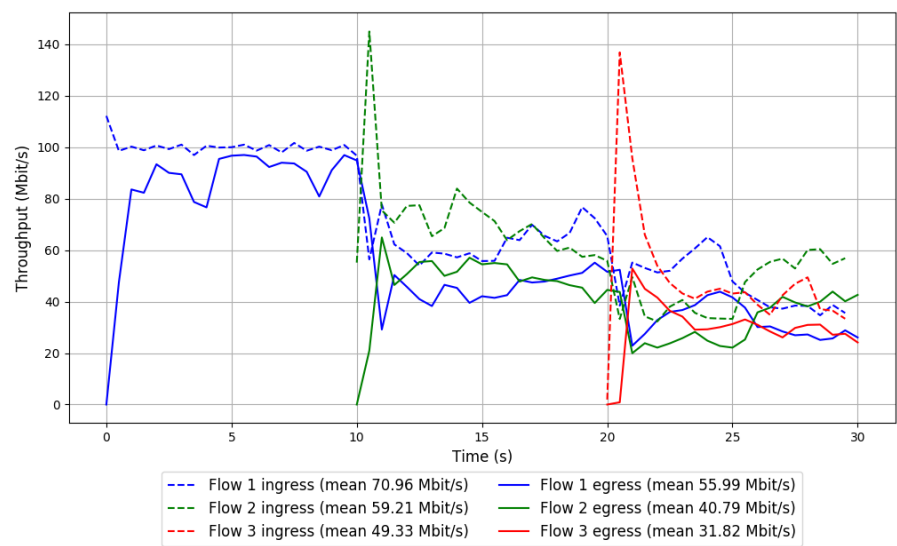
-- Flow 3:

Average throughput: 31.82 Mbit/s

95th percentile per-packet one-way delay: 46.731 ms

Loss rate: 36.83%

Run 5: Report of FillP-Sheep — Data Link

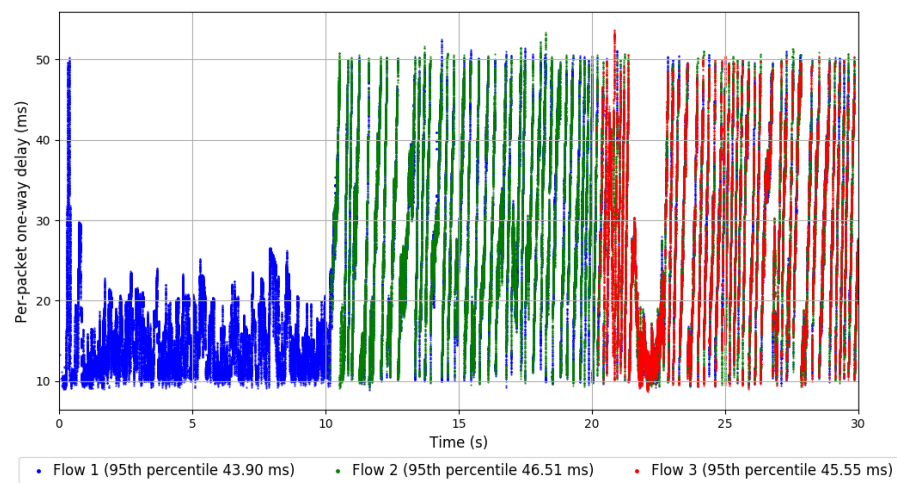
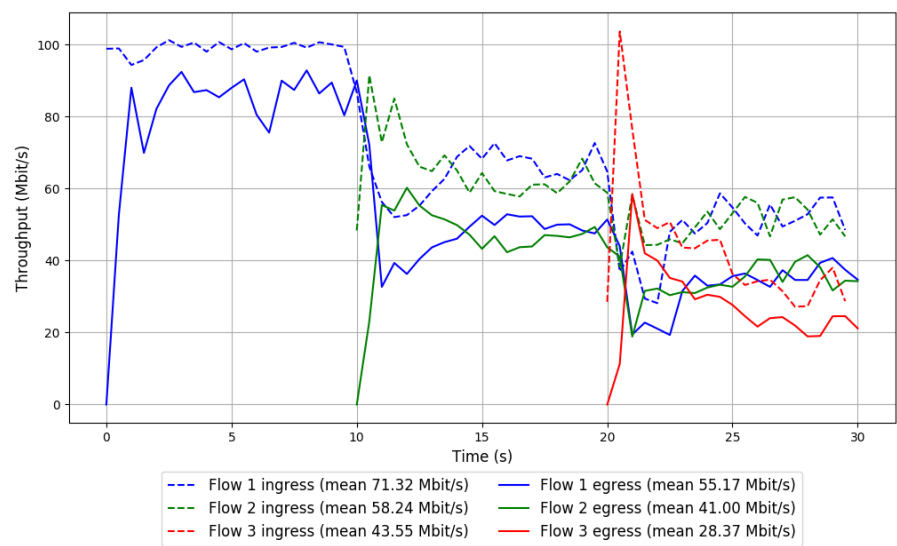


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-10 05:34:39
End at: 2018-07-10 05:35:09
Local clock offset: 2.342 ms
Remote clock offset: -2.151 ms

Below is generated by plot.py at 2018-07-10 07:12:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.86 Mbit/s
95th percentile per-packet one-way delay: 45.254 ms
Loss rate: 26.19%
-- Flow 1:
Average throughput: 55.17 Mbit/s
95th percentile per-packet one-way delay: 43.899 ms
Loss rate: 22.61%
-- Flow 2:
Average throughput: 41.00 Mbit/s
95th percentile per-packet one-way delay: 46.510 ms
Loss rate: 29.57%
-- Flow 3:
Average throughput: 28.37 Mbit/s
95th percentile per-packet one-way delay: 45.555 ms
Loss rate: 34.81%

Run 6: Report of FillP-Sheep — Data Link

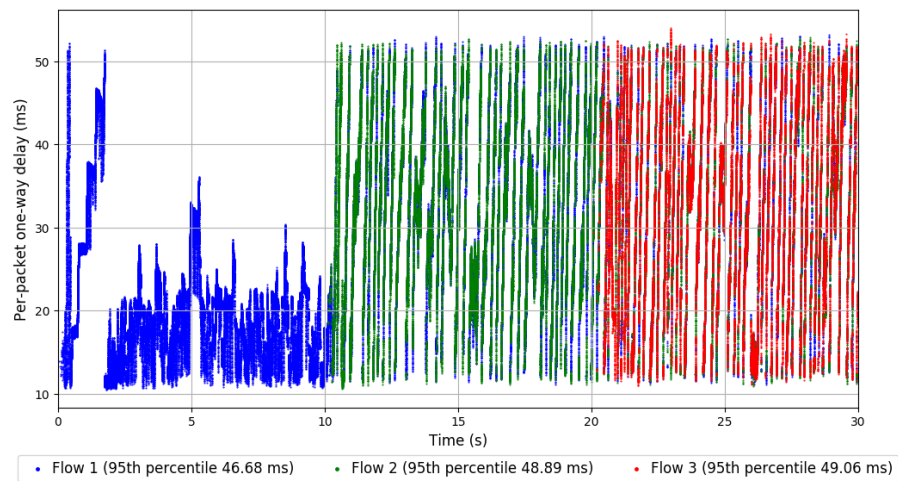
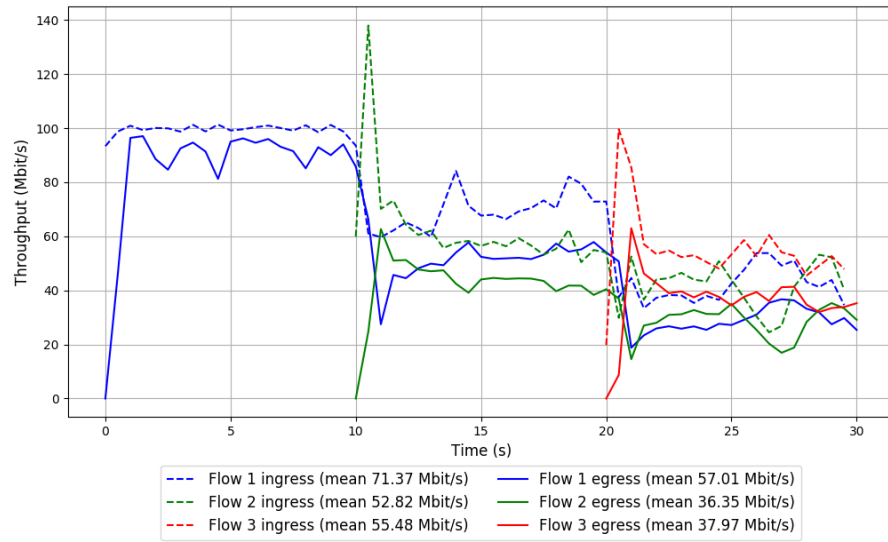


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-10 05:55:31
End at: 2018-07-10 05:56:01
Local clock offset: 0.346 ms
Remote clock offset: -6.164 ms

Below is generated by plot.py at 2018-07-10 07:13:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 47.973 ms
Loss rate: 24.90%
-- Flow 1:
Average throughput: 57.01 Mbit/s
95th percentile per-packet one-way delay: 46.680 ms
Loss rate: 20.09%
-- Flow 2:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 48.887 ms
Loss rate: 31.15%
-- Flow 3:
Average throughput: 37.97 Mbit/s
95th percentile per-packet one-way delay: 49.063 ms
Loss rate: 31.61%

Run 7: Report of FillP-Sheep — Data Link

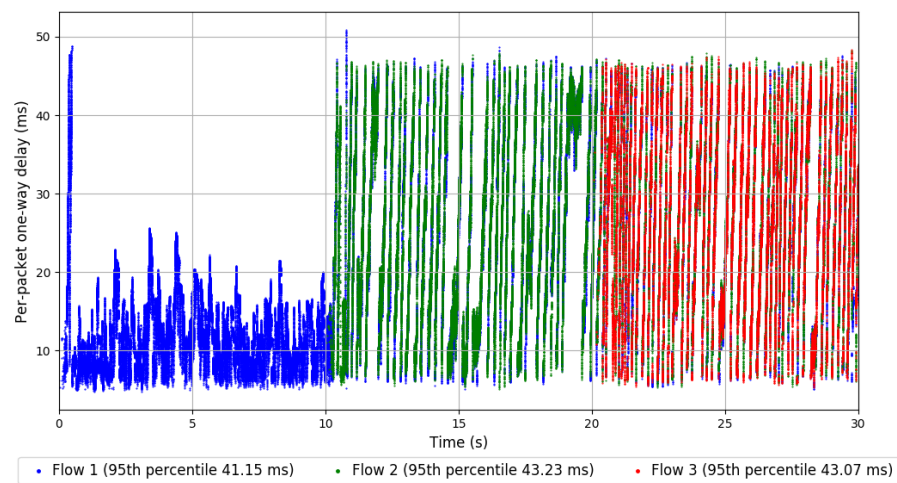
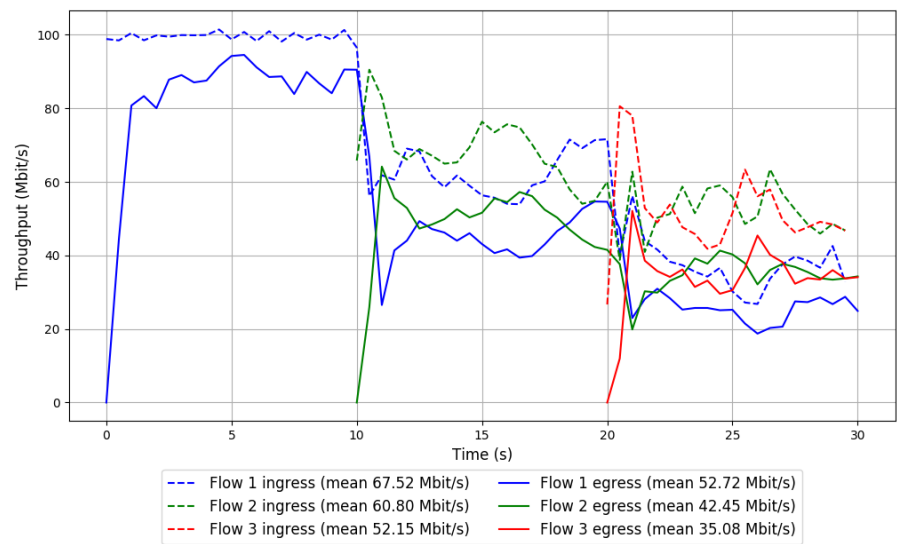


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-10 06:15:55
End at: 2018-07-10 06:16:25
Local clock offset: 3.142 ms
Remote clock offset: -14.756 ms

Below is generated by plot.py at 2018-07-10 07:13:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: 42.311 ms
Loss rate: 26.01%
-- Flow 1:
Average throughput: 52.72 Mbit/s
95th percentile per-packet one-way delay: 41.152 ms
Loss rate: 21.85%
-- Flow 2:
Average throughput: 42.45 Mbit/s
95th percentile per-packet one-way delay: 43.235 ms
Loss rate: 30.09%
-- Flow 3:
Average throughput: 35.08 Mbit/s
95th percentile per-packet one-way delay: 43.067 ms
Loss rate: 32.70%

Run 8: Report of FillP-Sheep — Data Link

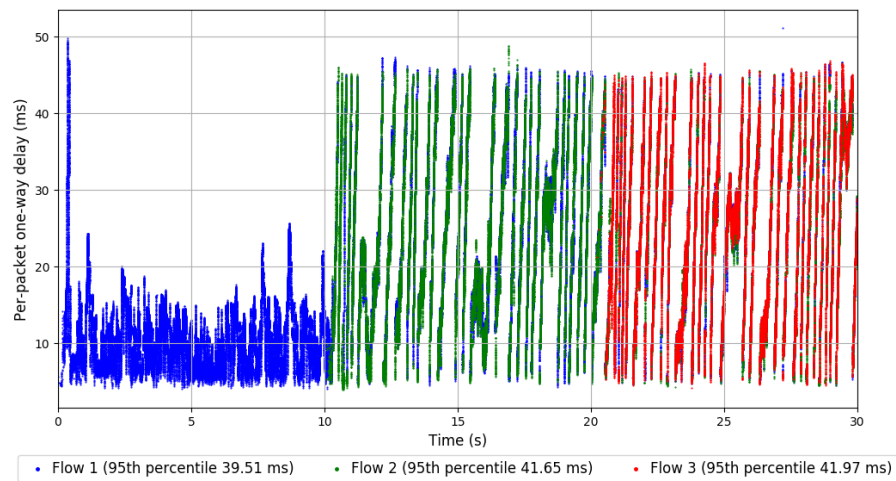
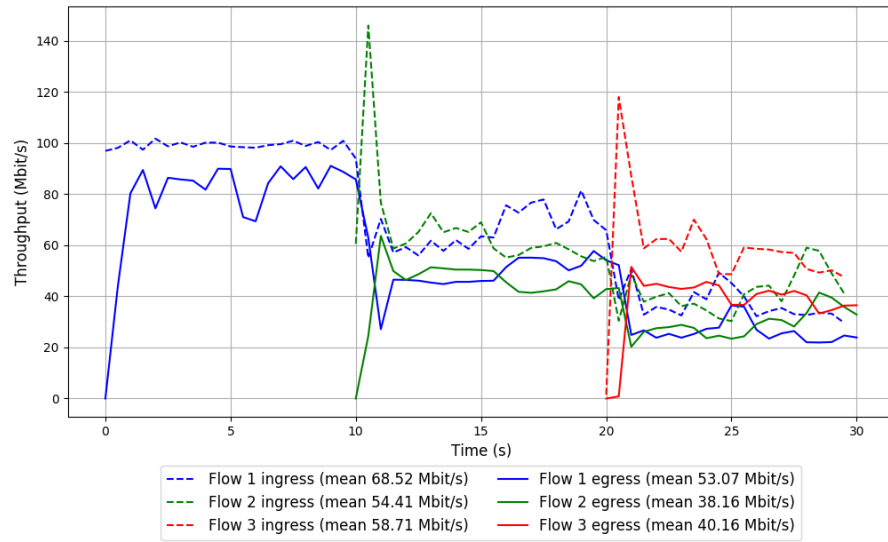


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-10 06:36:17
End at: 2018-07-10 06:36:47
Local clock offset: 2.624 ms
Remote clock offset: -14.169 ms

Below is generated by plot.py at 2018-07-10 07:13:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.51 Mbit/s
95th percentile per-packet one-way delay: 40.827 ms
Loss rate: 26.26%
-- Flow 1:
Average throughput: 53.07 Mbit/s
95th percentile per-packet one-way delay: 39.510 ms
Loss rate: 22.50%
-- Flow 2:
Average throughput: 38.16 Mbit/s
95th percentile per-packet one-way delay: 41.649 ms
Loss rate: 29.79%
-- Flow 3:
Average throughput: 40.16 Mbit/s
95th percentile per-packet one-way delay: 41.971 ms
Loss rate: 32.94%

Run 9: Report of FillP-Sheep — Data Link

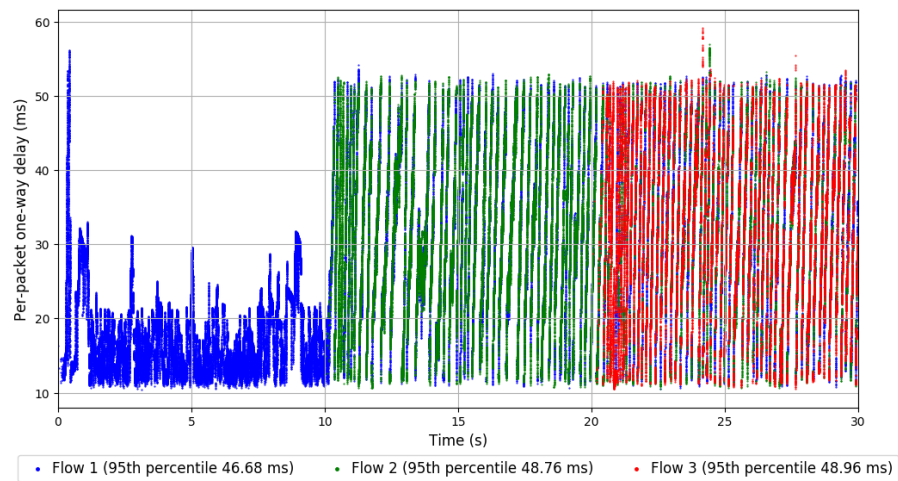
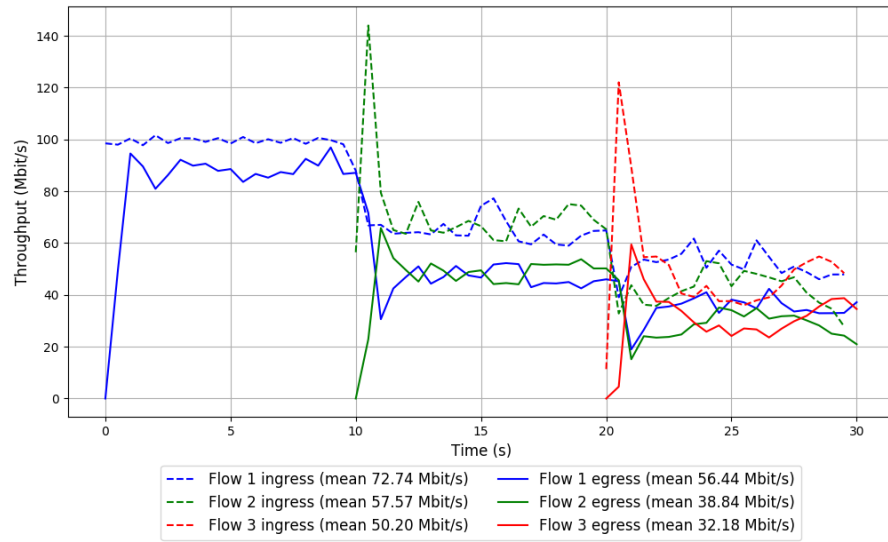


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-10 06:56:34
End at: 2018-07-10 06:57:04
Local clock offset: 1.546 ms
Remote clock offset: -8.813 ms

Below is generated by plot.py at 2018-07-10 07:13:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.98 Mbit/s
95th percentile per-packet one-way delay: 47.859 ms
Loss rate: 27.16%
-- Flow 1:
Average throughput: 56.44 Mbit/s
95th percentile per-packet one-way delay: 46.683 ms
Loss rate: 22.36%
-- Flow 2:
Average throughput: 38.84 Mbit/s
95th percentile per-packet one-way delay: 48.760 ms
Loss rate: 32.48%
-- Flow 3:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 48.960 ms
Loss rate: 35.88%

Run 10: Report of FillP-Sheep — Data Link

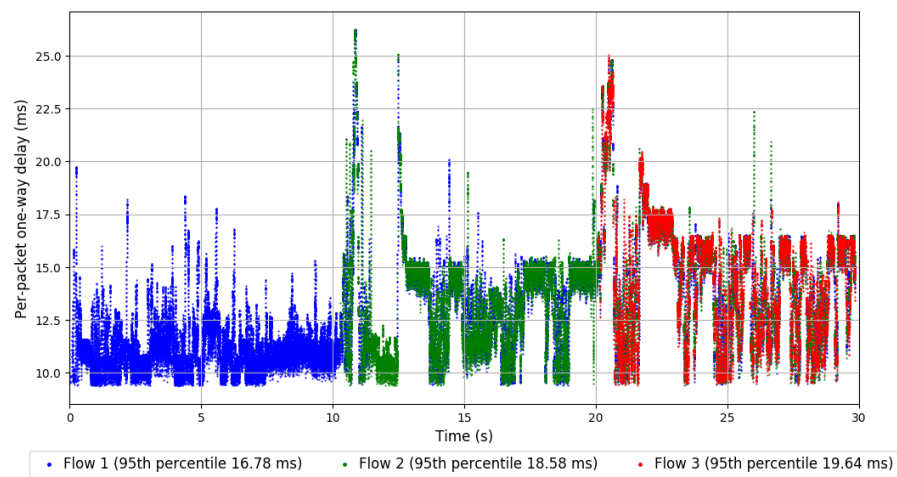
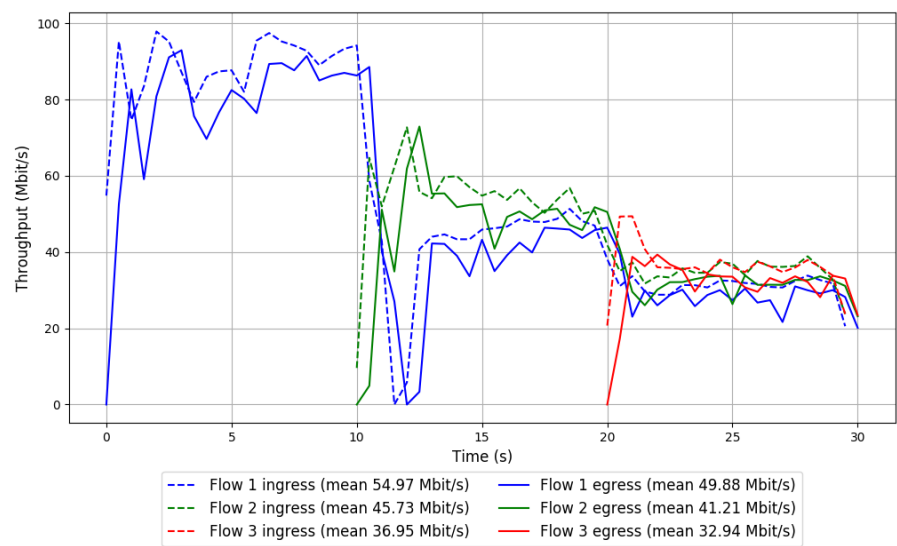


Run 1: Statistics of Indigo

Start at: 2018-07-10 03:52:49
End at: 2018-07-10 03:53:19
Local clock offset: 3.812 ms
Remote clock offset: -4.604 ms

Below is generated by plot.py at 2018-07-10 07:13:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.67 Mbit/s
95th percentile per-packet one-way delay: 17.499 ms
Loss rate: 9.64%
-- Flow 1:
Average throughput: 49.88 Mbit/s
95th percentile per-packet one-way delay: 16.776 ms
Loss rate: 9.25%
-- Flow 2:
Average throughput: 41.21 Mbit/s
95th percentile per-packet one-way delay: 18.584 ms
Loss rate: 9.86%
-- Flow 3:
Average throughput: 32.94 Mbit/s
95th percentile per-packet one-way delay: 19.644 ms
Loss rate: 10.86%

Run 1: Report of Indigo — Data Link

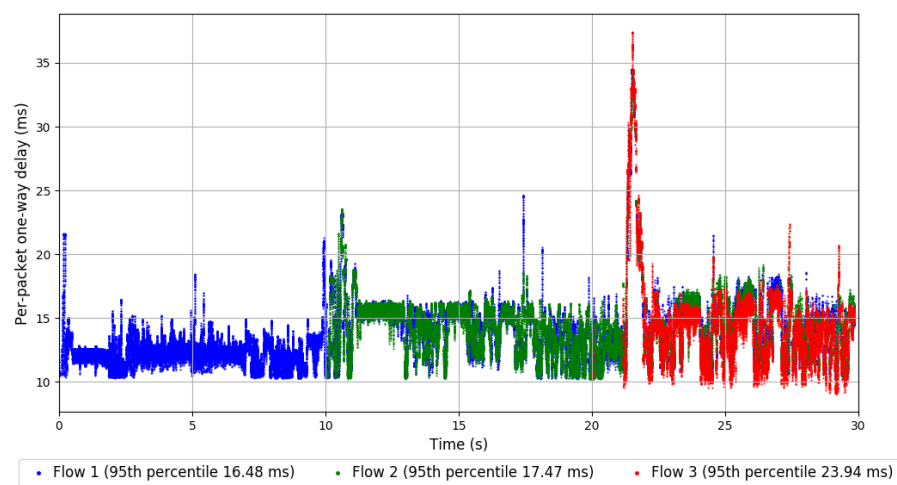
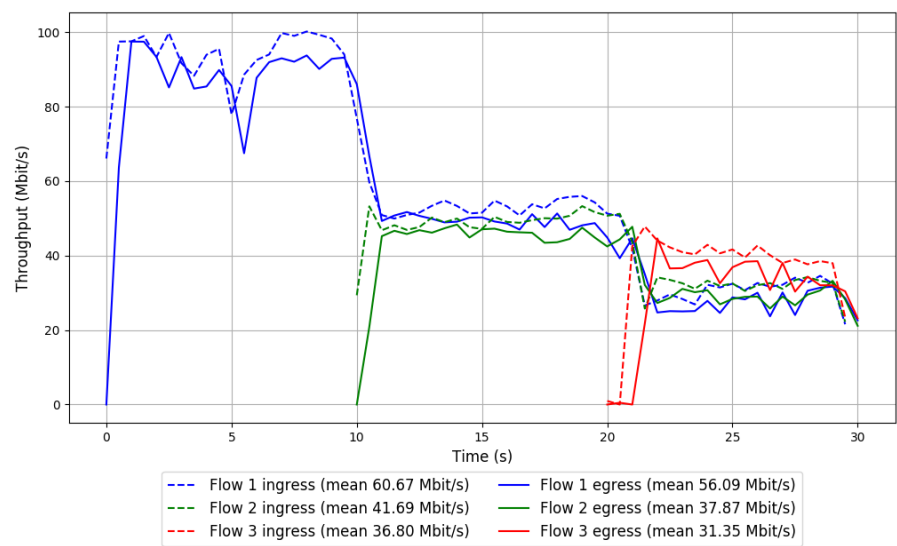


Run 2: Statistics of Indigo

Start at: 2018-07-10 04:13:33
End at: 2018-07-10 04:14:03
Local clock offset: 0.607 ms
Remote clock offset: -4.917 ms

Below is generated by plot.py at 2018-07-10 07:13:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.52 Mbit/s
95th percentile per-packet one-way delay: 17.042 ms
Loss rate: 8.84%
-- Flow 1:
Average throughput: 56.09 Mbit/s
95th percentile per-packet one-way delay: 16.481 ms
Loss rate: 7.53%
-- Flow 2:
Average throughput: 37.87 Mbit/s
95th percentile per-packet one-way delay: 17.470 ms
Loss rate: 9.14%
-- Flow 3:
Average throughput: 31.35 Mbit/s
95th percentile per-packet one-way delay: 23.940 ms
Loss rate: 14.77%

Run 2: Report of Indigo — Data Link

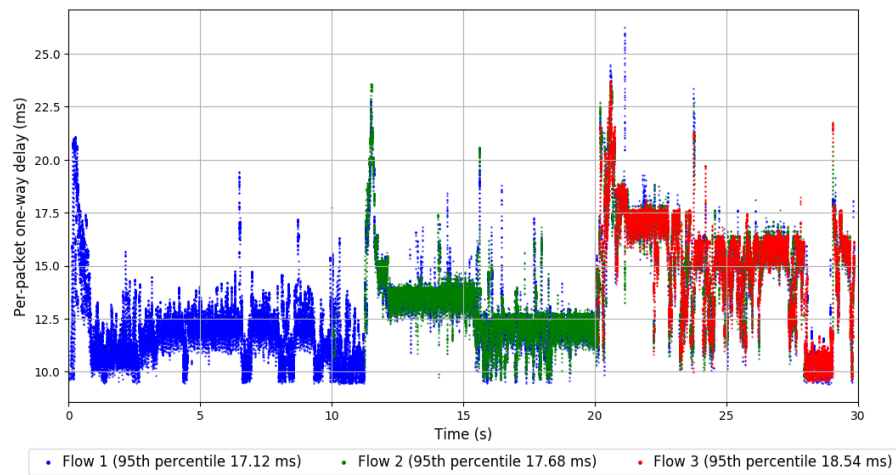
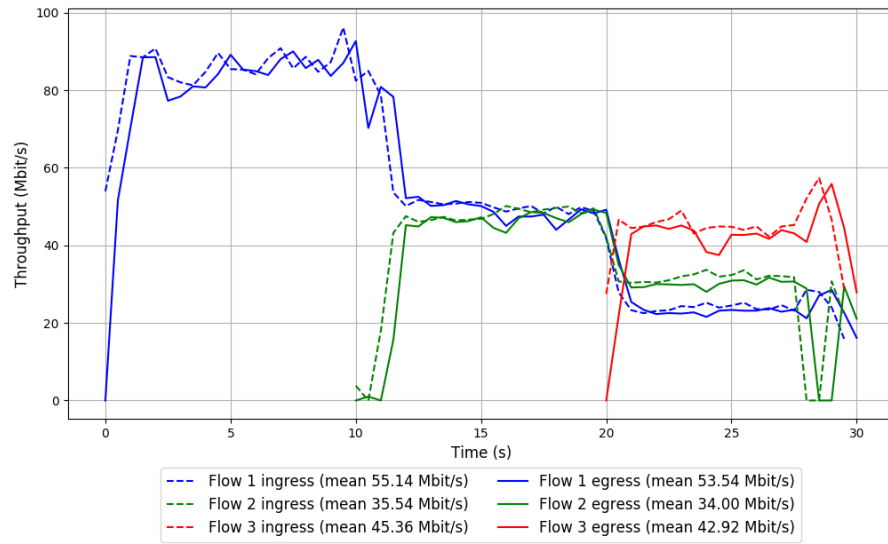


Run 3: Statistics of Indigo

Start at: 2018-07-10 04:33:41
End at: 2018-07-10 04:34:11
Local clock offset: 0.05 ms
Remote clock offset: -2.327 ms

Below is generated by plot.py at 2018-07-10 07:13:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.19 Mbit/s
95th percentile per-packet one-way delay: 17.583 ms
Loss rate: 3.63%
-- Flow 1:
Average throughput: 53.54 Mbit/s
95th percentile per-packet one-way delay: 17.117 ms
Loss rate: 2.87%
-- Flow 2:
Average throughput: 34.00 Mbit/s
95th percentile per-packet one-way delay: 17.677 ms
Loss rate: 4.30%
-- Flow 3:
Average throughput: 42.92 Mbit/s
95th percentile per-packet one-way delay: 18.541 ms
Loss rate: 5.36%

Run 3: Report of Indigo — Data Link

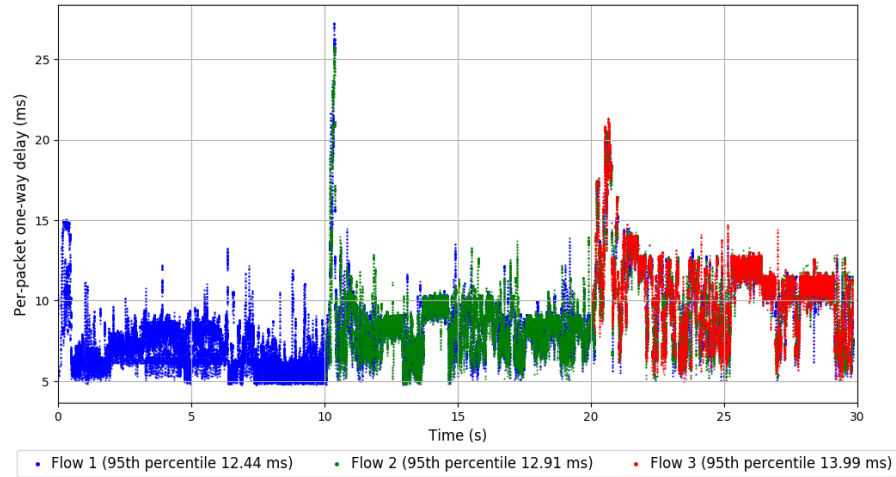
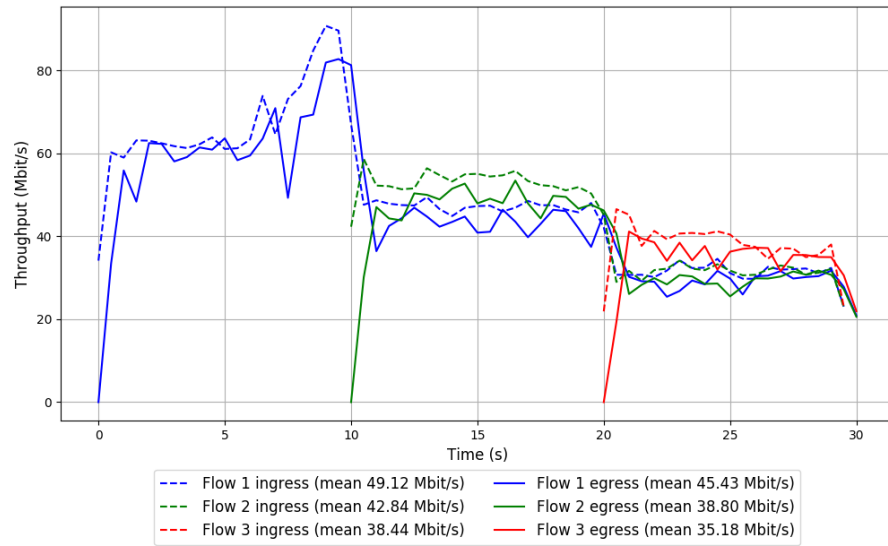


Run 4: Statistics of Indigo

Start at: 2018-07-10 04:54:11
End at: 2018-07-10 04:54:41
Local clock offset: 4.893 ms
Remote clock offset: -2.561 ms

Below is generated by plot.py at 2018-07-10 07:13:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.71 Mbit/s
95th percentile per-packet one-way delay: 12.754 ms
Loss rate: 8.24%
-- Flow 1:
Average throughput: 45.43 Mbit/s
95th percentile per-packet one-way delay: 12.436 ms
Loss rate: 7.50%
-- Flow 2:
Average throughput: 38.80 Mbit/s
95th percentile per-packet one-way delay: 12.914 ms
Loss rate: 9.43%
-- Flow 3:
Average throughput: 35.18 Mbit/s
95th percentile per-packet one-way delay: 13.995 ms
Loss rate: 8.47%

Run 4: Report of Indigo — Data Link

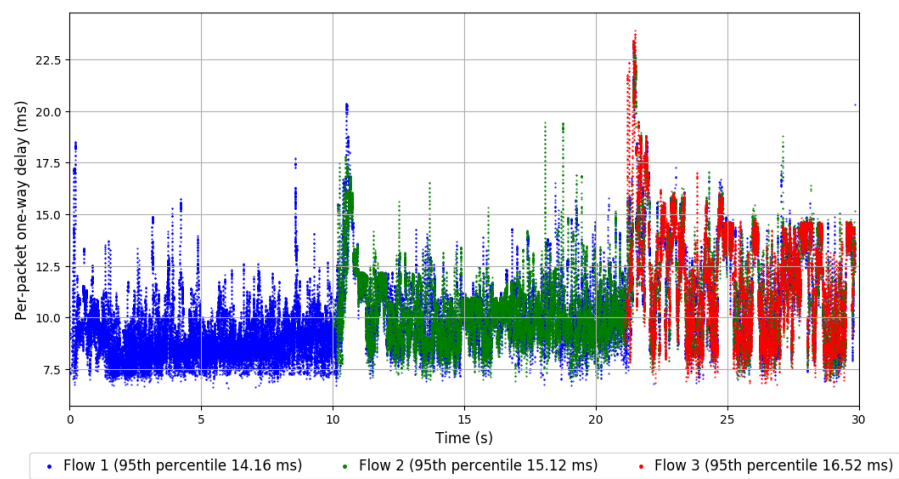
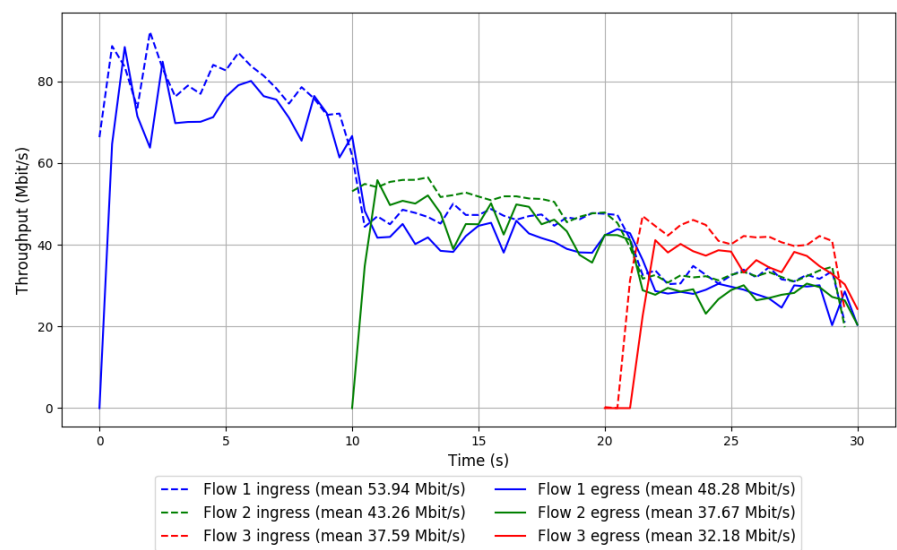


Run 5: Statistics of Indigo

Start at: 2018-07-10 05:15:08
End at: 2018-07-10 05:15:38
Local clock offset: 4.799 ms
Remote clock offset: -0.335 ms

Below is generated by plot.py at 2018-07-10 07:14:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.82 Mbit/s
95th percentile per-packet one-way delay: 14.793 ms
Loss rate: 11.71%
-- Flow 1:
Average throughput: 48.28 Mbit/s
95th percentile per-packet one-way delay: 14.158 ms
Loss rate: 10.45%
-- Flow 2:
Average throughput: 37.67 Mbit/s
95th percentile per-packet one-way delay: 15.119 ms
Loss rate: 12.92%
-- Flow 3:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 16.520 ms
Loss rate: 14.39%

Run 5: Report of Indigo — Data Link

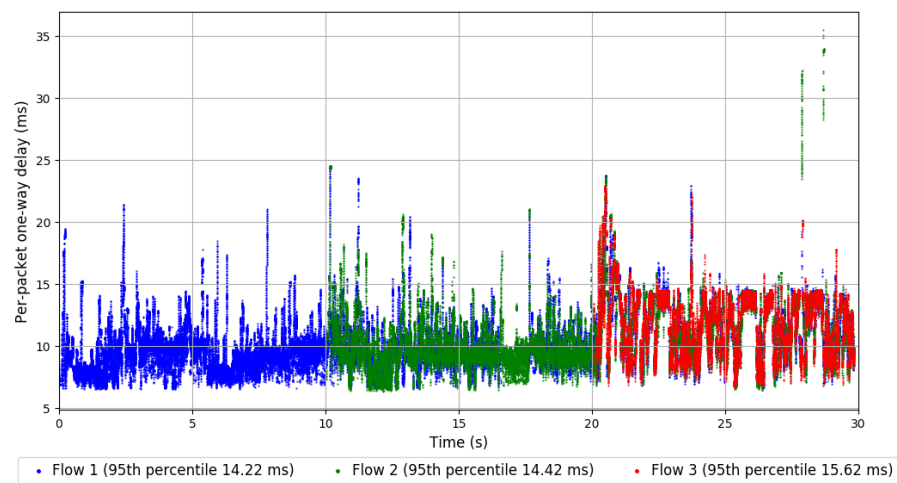
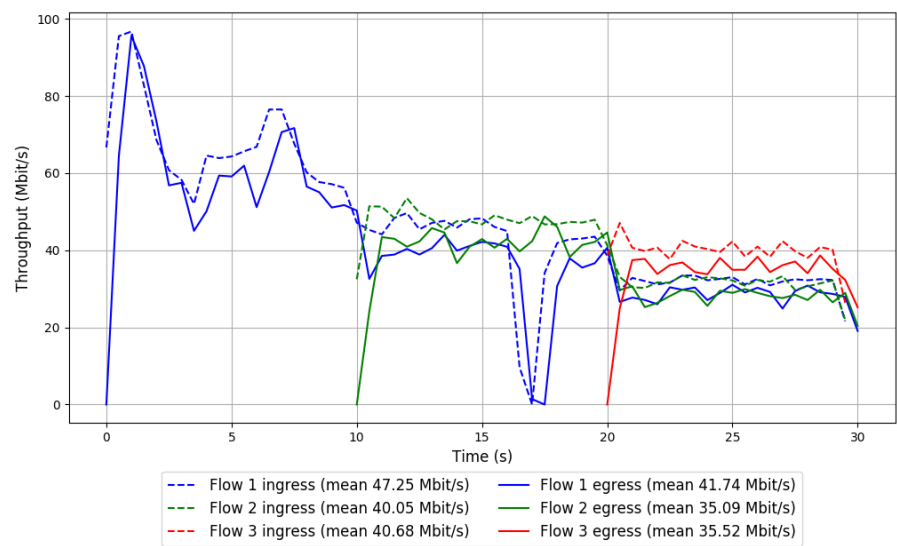


Run 6: Statistics of Indigo

Start at: 2018-07-10 05:35:56
End at: 2018-07-10 05:36:26
Local clock offset: 3.855 ms
Remote clock offset: -3.061 ms

Below is generated by plot.py at 2018-07-10 07:14:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.68 Mbit/s
95th percentile per-packet one-way delay: 14.410 ms
Loss rate: 12.04%
-- Flow 1:
Average throughput: 41.74 Mbit/s
95th percentile per-packet one-way delay: 14.224 ms
Loss rate: 11.66%
-- Flow 2:
Average throughput: 35.09 Mbit/s
95th percentile per-packet one-way delay: 14.423 ms
Loss rate: 12.39%
-- Flow 3:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 15.625 ms
Loss rate: 12.69%

Run 6: Report of Indigo — Data Link

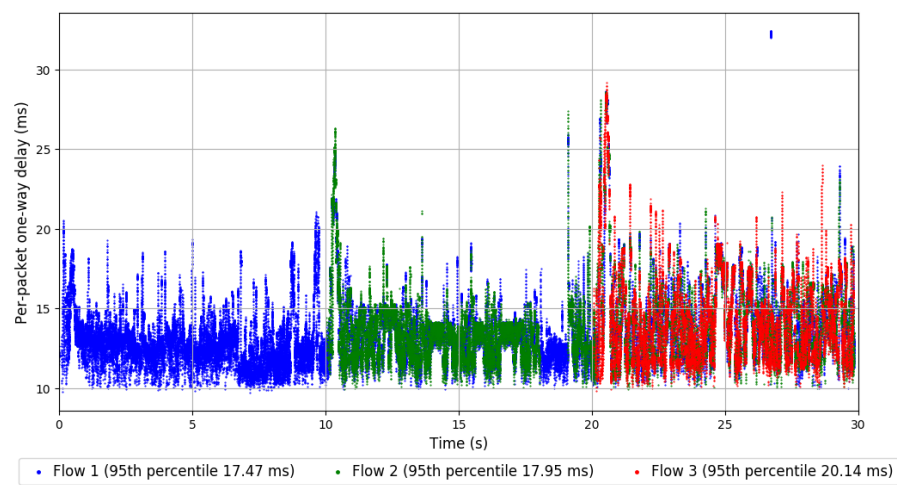
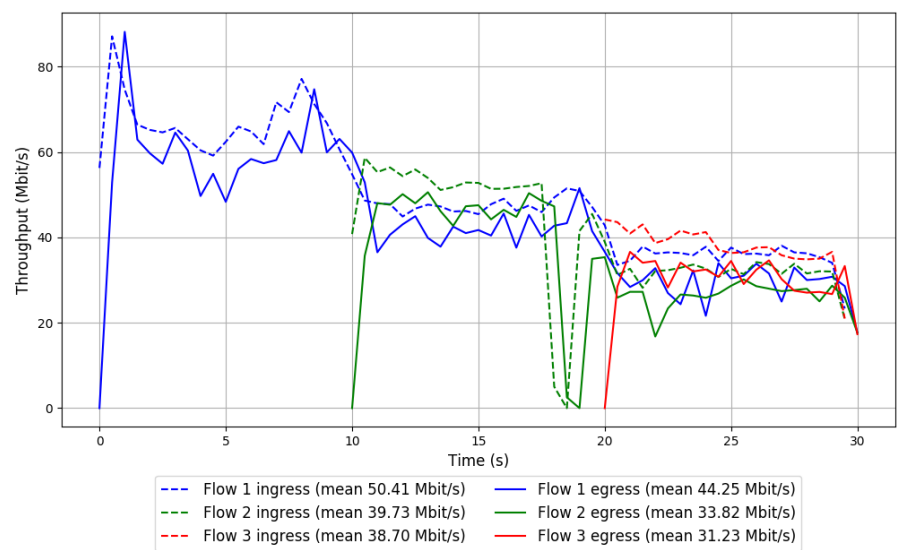


Run 7: Statistics of Indigo

Start at: 2018-07-10 05:56:45
End at: 2018-07-10 05:57:15
Local clock offset: 1.566 ms
Remote clock offset: -6.536 ms

Below is generated by plot.py at 2018-07-10 07:14:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.95 Mbit/s
95th percentile per-packet one-way delay: 18.008 ms
Loss rate: 14.00%
-- Flow 1:
Average throughput: 44.25 Mbit/s
95th percentile per-packet one-way delay: 17.474 ms
Loss rate: 12.22%
-- Flow 2:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 17.948 ms
Loss rate: 14.87%
-- Flow 3:
Average throughput: 31.23 Mbit/s
95th percentile per-packet one-way delay: 20.142 ms
Loss rate: 19.27%

Run 7: Report of Indigo — Data Link

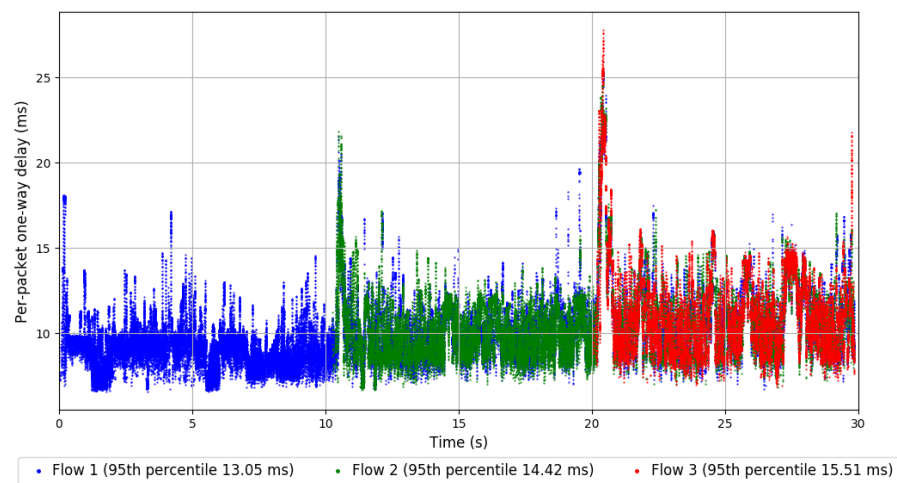
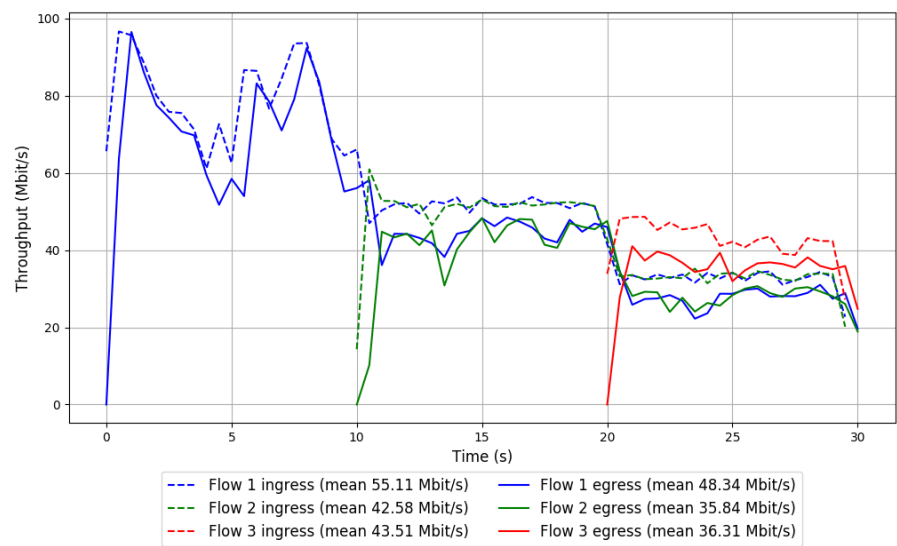


Run 8: Statistics of Indigo

Start at: 2018-07-10 06:17:09
End at: 2018-07-10 06:17:39
Local clock offset: 1.383 ms
Remote clock offset: -15.058 ms

Below is generated by plot.py at 2018-07-10 07:14:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 14.206 ms
Loss rate: 13.92%
-- Flow 1:
Average throughput: 48.34 Mbit/s
95th percentile per-packet one-way delay: 13.055 ms
Loss rate: 12.28%
-- Flow 2:
Average throughput: 35.84 Mbit/s
95th percentile per-packet one-way delay: 14.420 ms
Loss rate: 15.83%
-- Flow 3:
Average throughput: 36.31 Mbit/s
95th percentile per-packet one-way delay: 15.506 ms
Loss rate: 16.54%

Run 8: Report of Indigo — Data Link

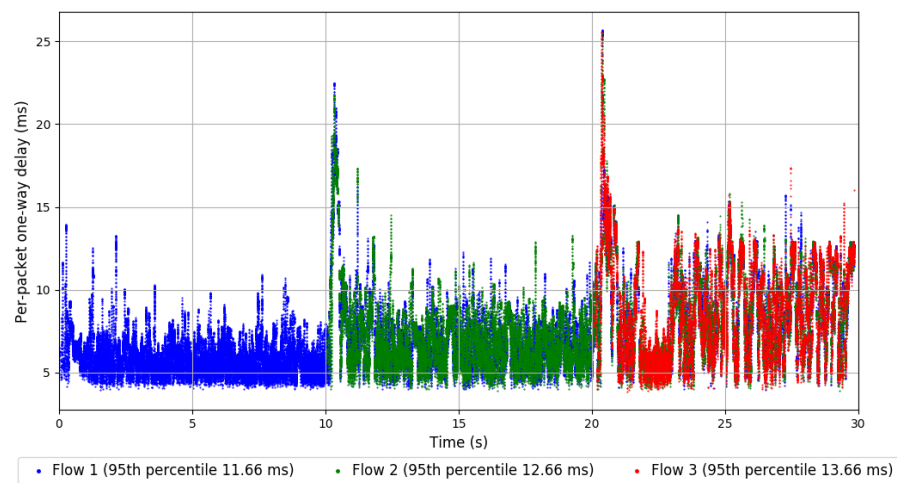
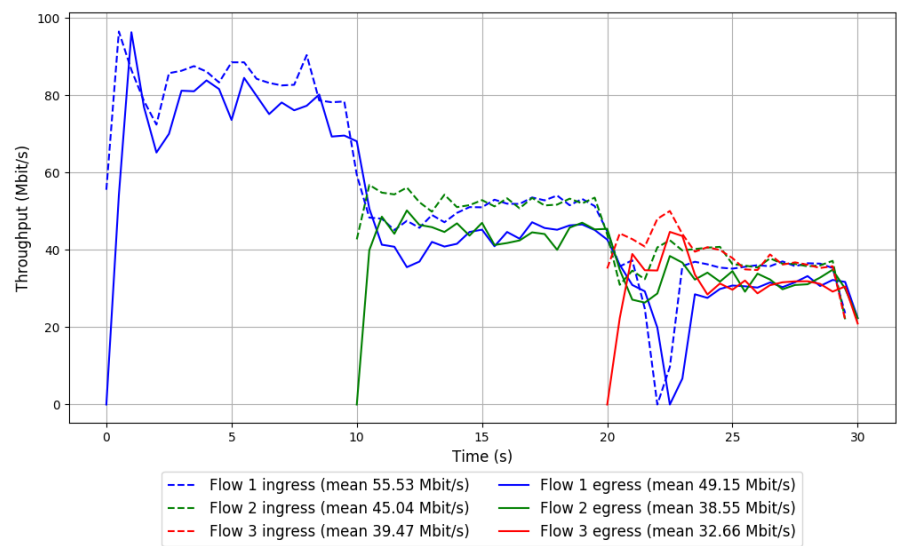


Run 9: Statistics of Indigo

Start at: 2018-07-10 06:37:29
End at: 2018-07-10 06:37:59
Local clock offset: 3.435 ms
Remote clock offset: -13.467 ms

Below is generated by plot.py at 2018-07-10 07:14:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.45 Mbit/s
95th percentile per-packet one-way delay: 12.496 ms
Loss rate: 13.10%
-- Flow 1:
Average throughput: 49.15 Mbit/s
95th percentile per-packet one-way delay: 11.661 ms
Loss rate: 11.47%
-- Flow 2:
Average throughput: 38.55 Mbit/s
95th percentile per-packet one-way delay: 12.664 ms
Loss rate: 14.37%
-- Flow 3:
Average throughput: 32.66 Mbit/s
95th percentile per-packet one-way delay: 13.658 ms
Loss rate: 17.18%

Run 9: Report of Indigo — Data Link

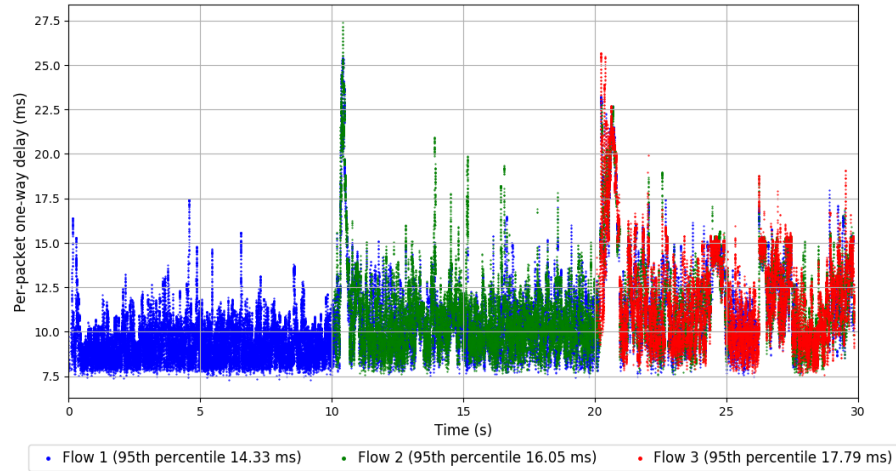
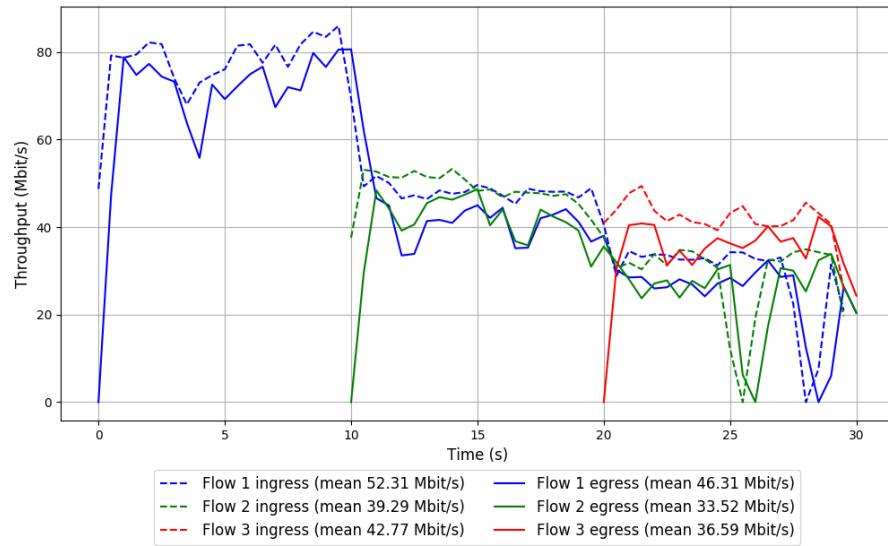


Run 10: Statistics of Indigo

Start at: 2018-07-10 06:57:44
End at: 2018-07-10 06:58:14
Local clock offset: 3.812 ms
Remote clock offset: -9.722 ms

Below is generated by plot.py at 2018-07-10 07:14:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.55 Mbit/s
95th percentile per-packet one-way delay: 15.128 ms
Loss rate: 12.82%
-- Flow 1:
Average throughput: 46.31 Mbit/s
95th percentile per-packet one-way delay: 14.332 ms
Loss rate: 11.47%
-- Flow 2:
Average throughput: 33.52 Mbit/s
95th percentile per-packet one-way delay: 16.053 ms
Loss rate: 14.67%
-- Flow 3:
Average throughput: 36.59 Mbit/s
95th percentile per-packet one-way delay: 17.792 ms
Loss rate: 14.44%

Run 10: Report of Indigo — Data Link

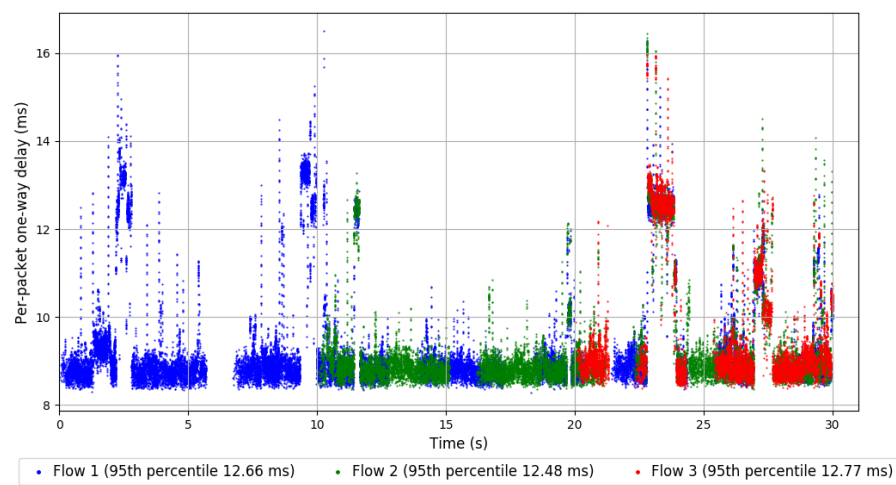
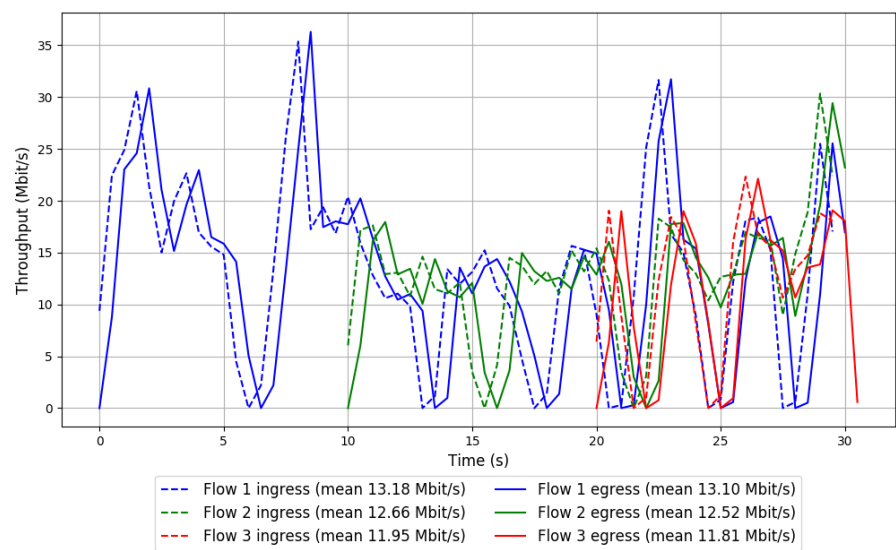


Run 1: Statistics of LEDBAT

Start at: 2018-07-10 03:41:58
End at: 2018-07-10 03:42:28
Local clock offset: 3.073 ms
Remote clock offset: -4.266 ms

Below is generated by plot.py at 2018-07-10 07:14:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.36 Mbit/s
95th percentile per-packet one-way delay: 12.636 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 12.659 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 12.480 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 12.769 ms
Loss rate: 1.14%

Run 1: Report of LEDBAT — Data Link

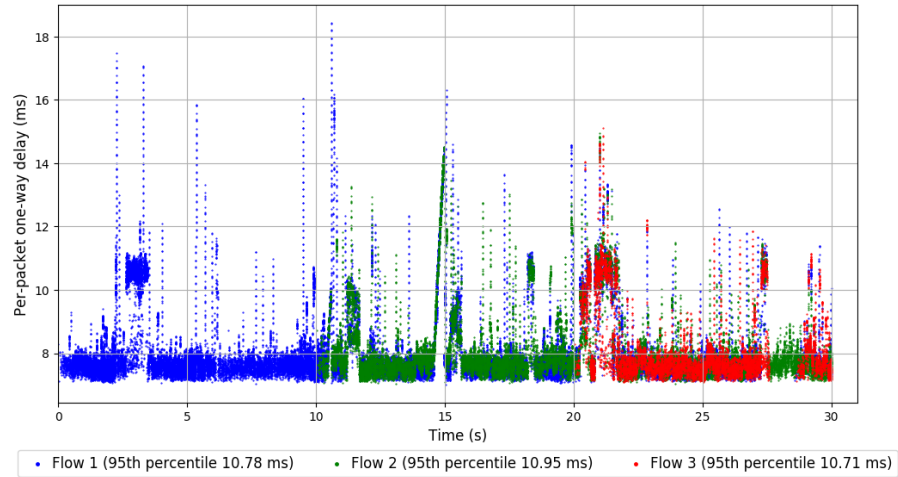
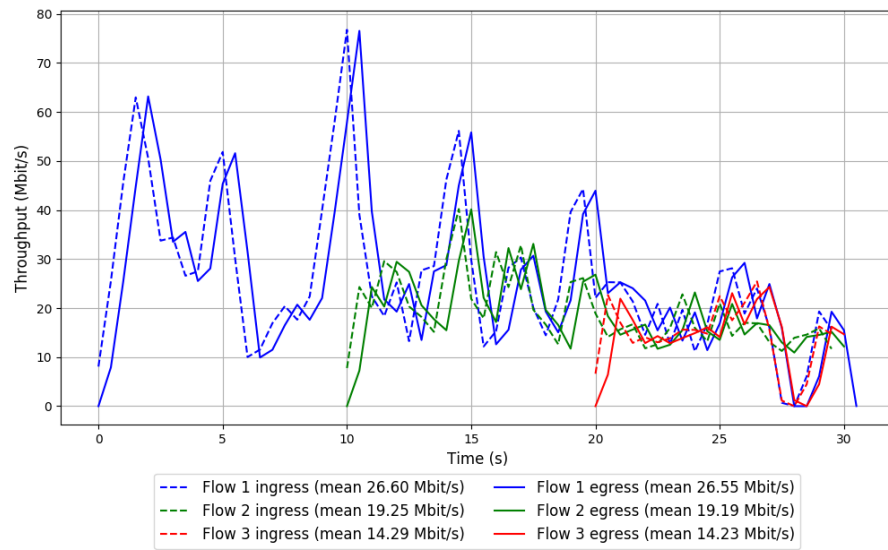


Run 2: Statistics of LEDBAT

Start at: 2018-07-10 04:02:37
End at: 2018-07-10 04:03:07
Local clock offset: 4.048 ms
Remote clock offset: -7.433 ms

Below is generated by plot.py at 2018-07-10 07:14:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.05 Mbit/s
95th percentile per-packet one-way delay: 10.814 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 26.55 Mbit/s
95th percentile per-packet one-way delay: 10.775 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 19.19 Mbit/s
95th percentile per-packet one-way delay: 10.951 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 14.23 Mbit/s
95th percentile per-packet one-way delay: 10.711 ms
Loss rate: 0.44%

Run 2: Report of LEDBAT — Data Link

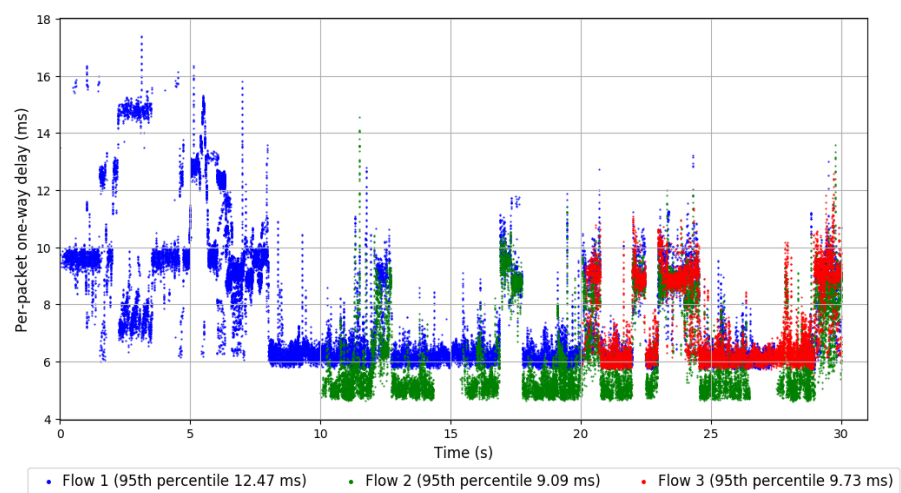
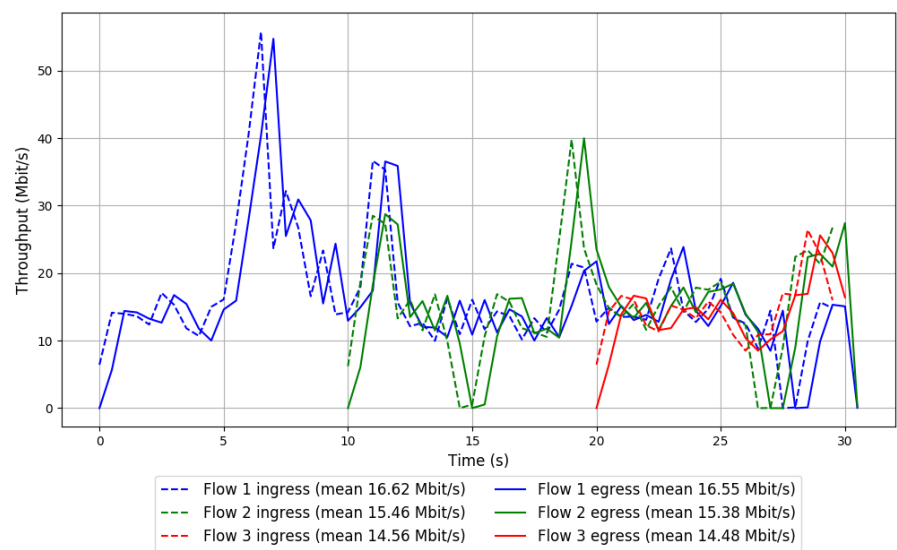


Run 3: Statistics of LEDBAT

Start at: 2018-07-10 04:23:06
End at: 2018-07-10 04:23:36
Local clock offset: -2.332 ms
Remote clock offset: -10.249 ms

Below is generated by plot.py at 2018-07-10 07:14:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.61 Mbit/s
95th percentile per-packet one-way delay: 10.452 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 16.55 Mbit/s
95th percentile per-packet one-way delay: 12.474 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 15.38 Mbit/s
95th percentile per-packet one-way delay: 9.087 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 9.728 ms
Loss rate: 0.55%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-07-10 04:43:09

End at: 2018-07-10 04:43:39

Local clock offset: 1.125 ms

Remote clock offset: -2.28 ms

Below is generated by plot.py at 2018-07-10 07:14:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 34.57 Mbit/s

95th percentile per-packet one-way delay: 12.499 ms

Loss rate: 0.49%

-- Flow 1:

Average throughput: 20.31 Mbit/s

95th percentile per-packet one-way delay: 12.415 ms

Loss rate: 0.34%

-- Flow 2:

Average throughput: 15.14 Mbit/s

95th percentile per-packet one-way delay: 12.608 ms

Loss rate: 0.62%

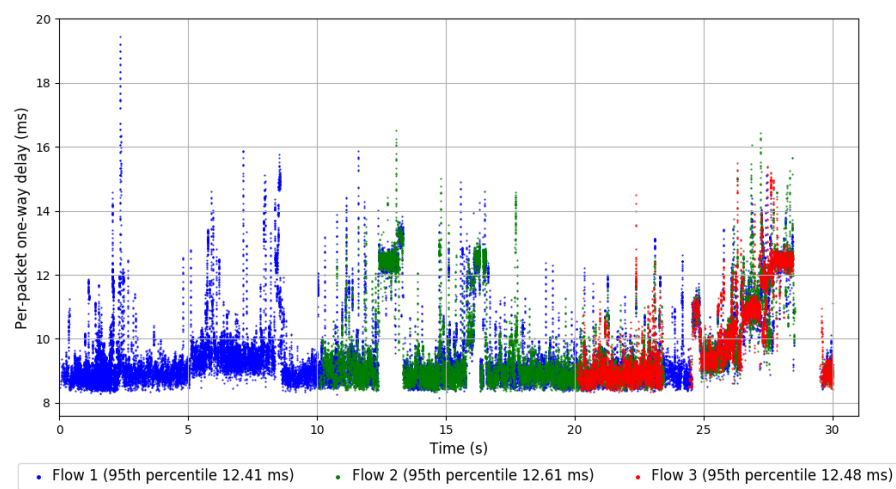
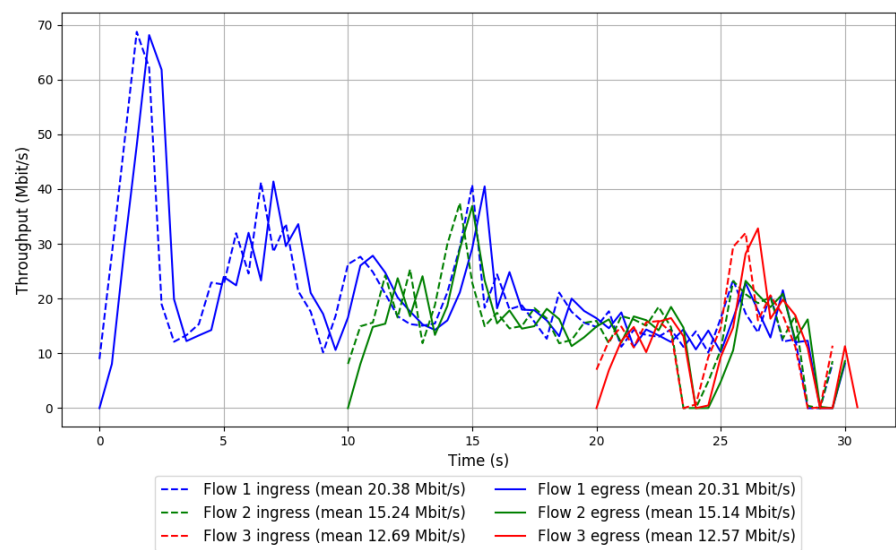
-- Flow 3:

Average throughput: 12.57 Mbit/s

95th percentile per-packet one-way delay: 12.484 ms

Loss rate: 0.92%

Run 4: Report of LEDBAT — Data Link

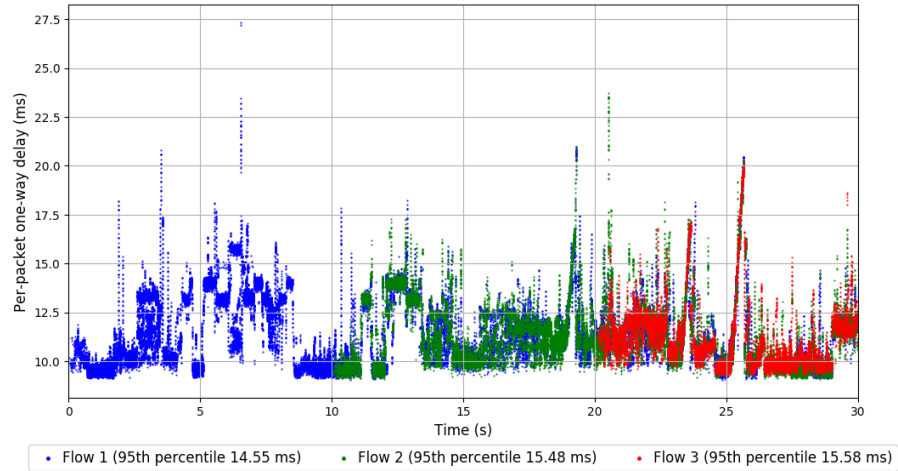
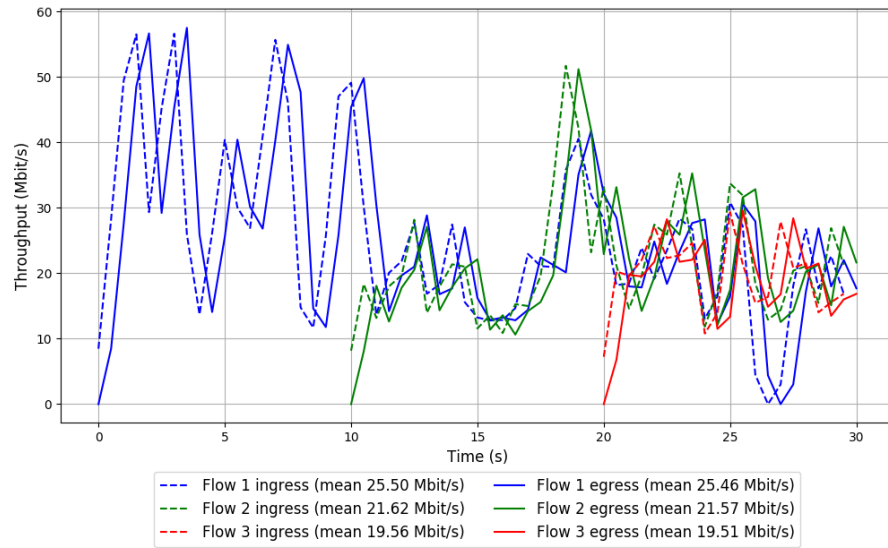


Run 5: Statistics of LEDBAT

Start at: 2018-07-10 05:03:46
End at: 2018-07-10 05:04:16
Local clock offset: 1.149 ms
Remote clock offset: -1.705 ms

Below is generated by plot.py at 2018-07-10 07:15:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.31 Mbit/s
95th percentile per-packet one-way delay: 15.021 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 25.46 Mbit/s
95th percentile per-packet one-way delay: 14.549 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 21.57 Mbit/s
95th percentile per-packet one-way delay: 15.481 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 19.51 Mbit/s
95th percentile per-packet one-way delay: 15.581 ms
Loss rate: 0.23%

Run 5: Report of LEDBAT — Data Link

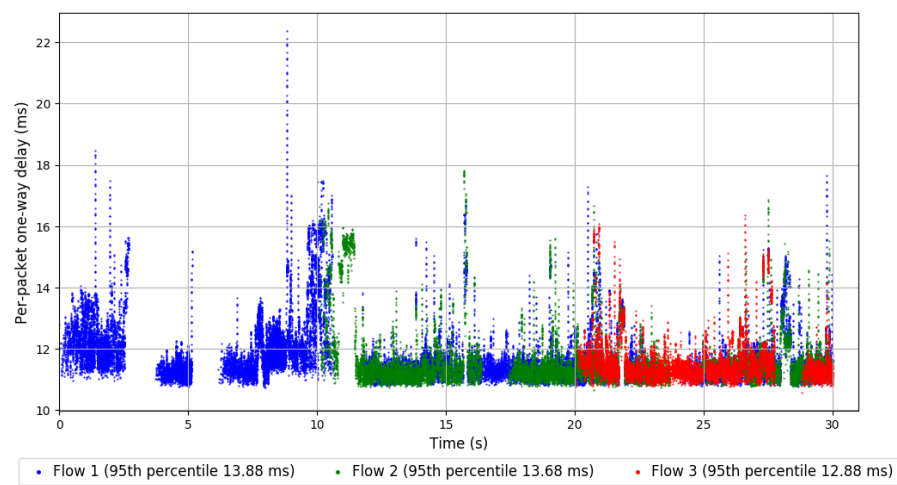
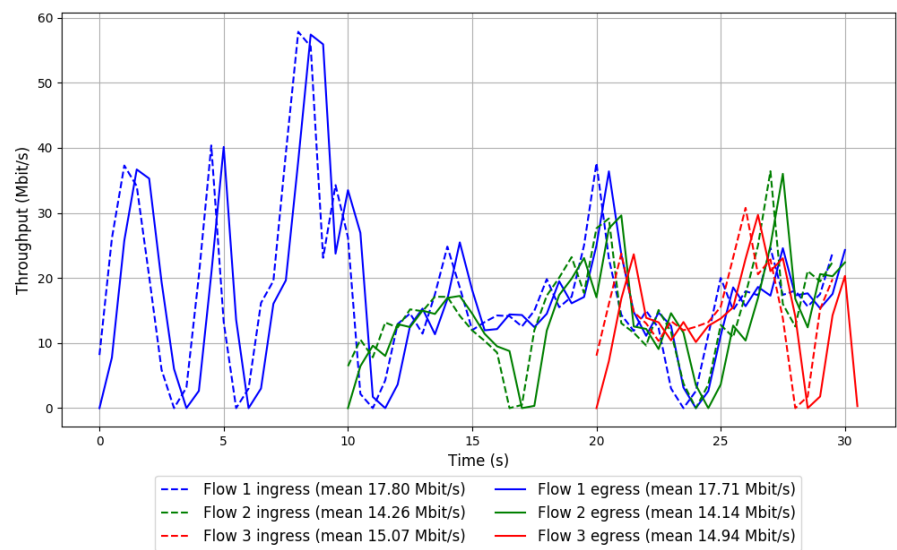


Run 6: Statistics of LEDBAT

Start at: 2018-07-10 05:24:50
End at: 2018-07-10 05:25:20
Local clock offset: 1.157 ms
Remote clock offset: -1.117 ms

Below is generated by plot.py at 2018-07-10 07:15:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.08 Mbit/s
95th percentile per-packet one-way delay: 13.718 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 17.71 Mbit/s
95th percentile per-packet one-way delay: 13.875 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 14.14 Mbit/s
95th percentile per-packet one-way delay: 13.675 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 14.94 Mbit/s
95th percentile per-packet one-way delay: 12.885 ms
Loss rate: 0.84%

Run 6: Report of LEDBAT — Data Link

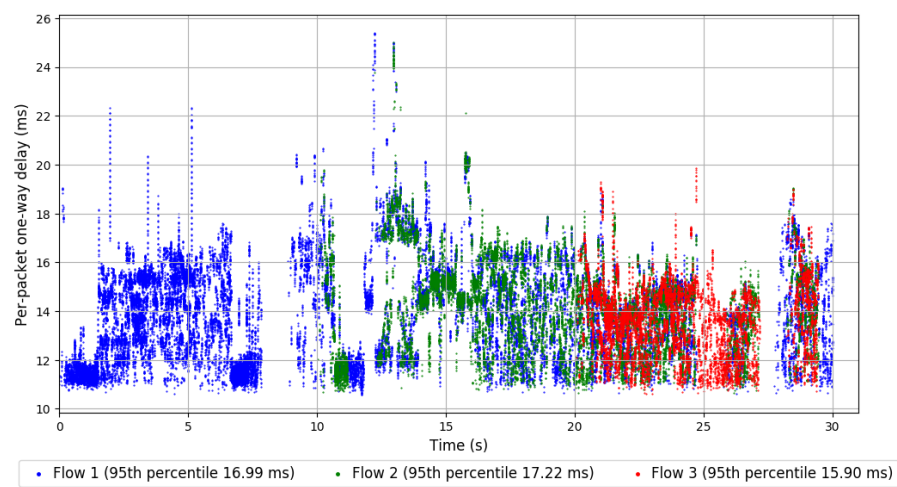
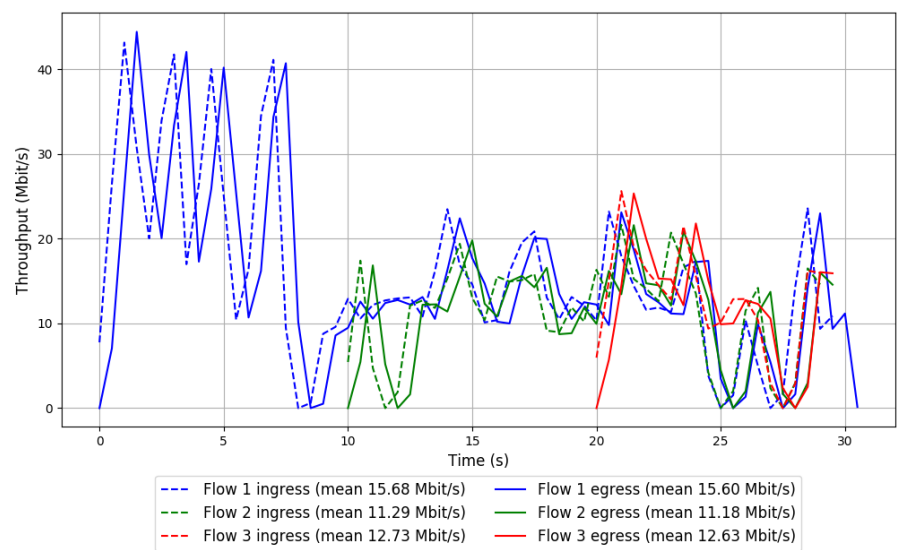


Run 7: Statistics of LEDBAT

Start at: 2018-07-10 05:46:02
End at: 2018-07-10 05:46:32
Local clock offset: 1.277 ms
Remote clock offset: -1.706 ms

Below is generated by plot.py at 2018-07-10 07:15:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.80 Mbit/s
95th percentile per-packet one-way delay: 16.975 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 15.60 Mbit/s
95th percentile per-packet one-way delay: 16.987 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 11.18 Mbit/s
95th percentile per-packet one-way delay: 17.218 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 12.63 Mbit/s
95th percentile per-packet one-way delay: 15.904 ms
Loss rate: 1.08%

Run 7: Report of LEDBAT — Data Link

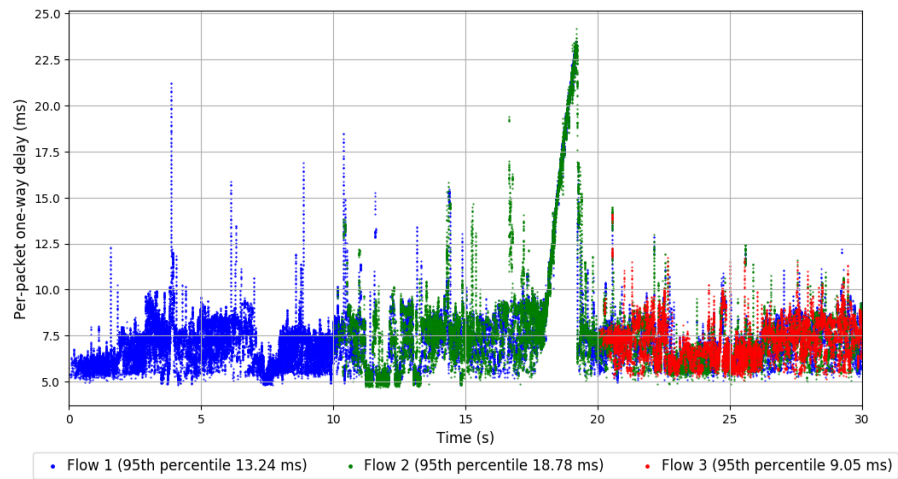
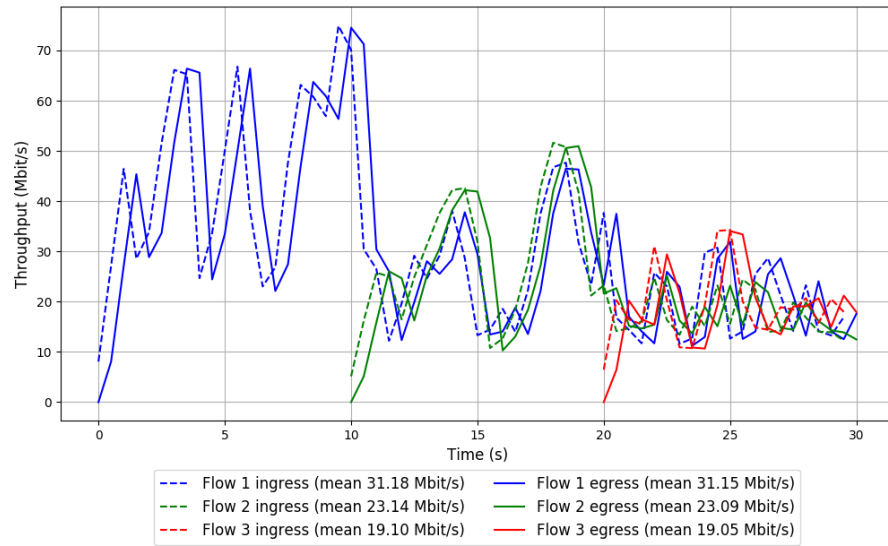


Run 8: Statistics of LEDBAT

Start at: 2018-07-10 06:06:25
End at: 2018-07-10 06:06:55
Local clock offset: 2.249 ms
Remote clock offset: -13.872 ms

Below is generated by plot.py at 2018-07-10 07:15:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.86 Mbit/s
95th percentile per-packet one-way delay: 14.916 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 31.15 Mbit/s
95th percentile per-packet one-way delay: 13.244 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 23.09 Mbit/s
95th percentile per-packet one-way delay: 18.783 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 19.05 Mbit/s
95th percentile per-packet one-way delay: 9.052 ms
Loss rate: 0.25%

Run 8: Report of LEDBAT — Data Link

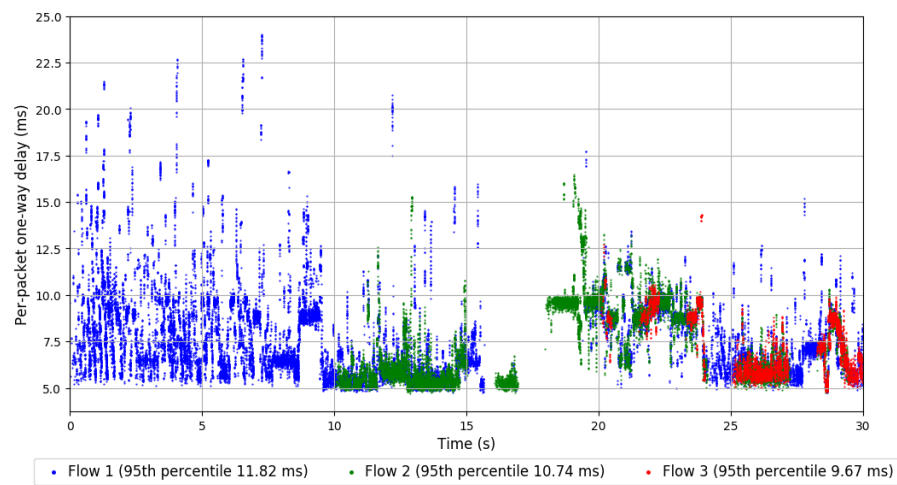
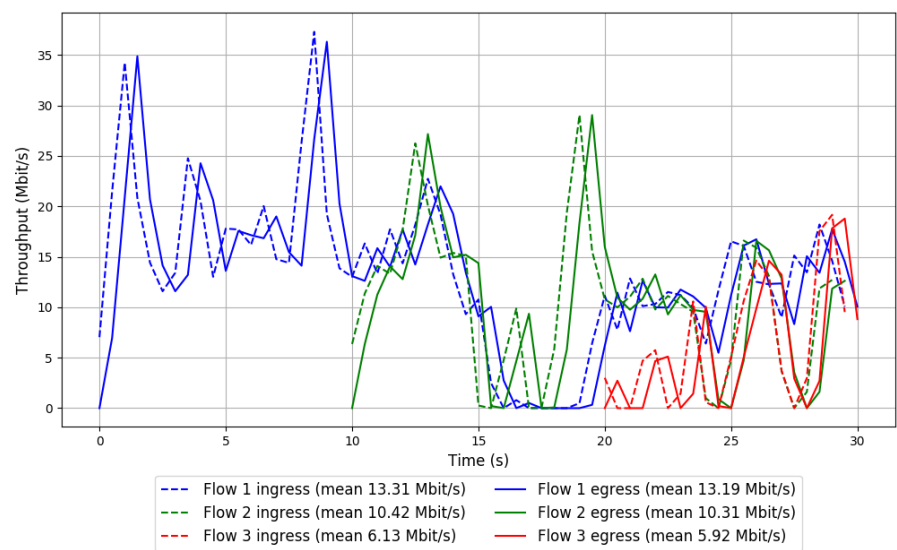


Run 9: Statistics of LEDBAT

Start at: 2018-07-10 06:26:46
End at: 2018-07-10 06:27:16
Local clock offset: 1.815 ms
Remote clock offset: -16.133 ms

Below is generated by plot.py at 2018-07-10 07:15:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.86 Mbit/s
95th percentile per-packet one-way delay: 11.314 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 13.19 Mbit/s
95th percentile per-packet one-way delay: 11.824 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 10.31 Mbit/s
95th percentile per-packet one-way delay: 10.744 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 5.92 Mbit/s
95th percentile per-packet one-way delay: 9.666 ms
Loss rate: 3.43%

Run 9: Report of LEDBAT — Data Link

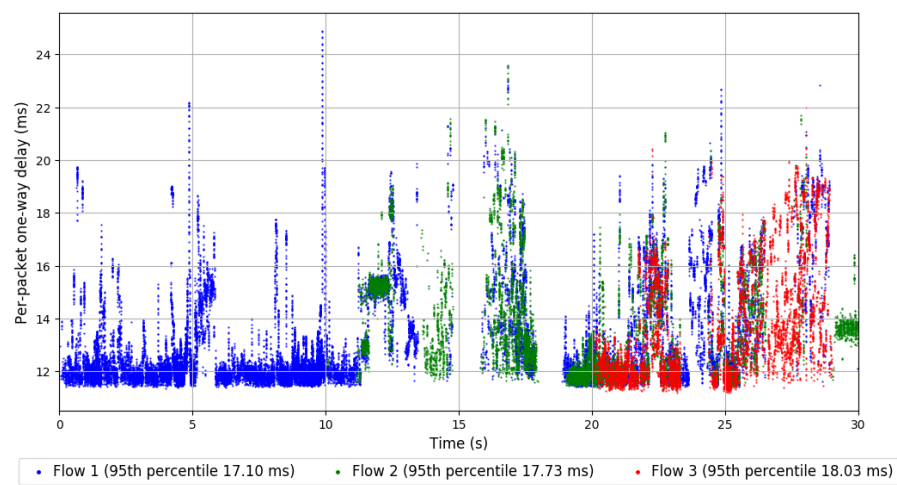
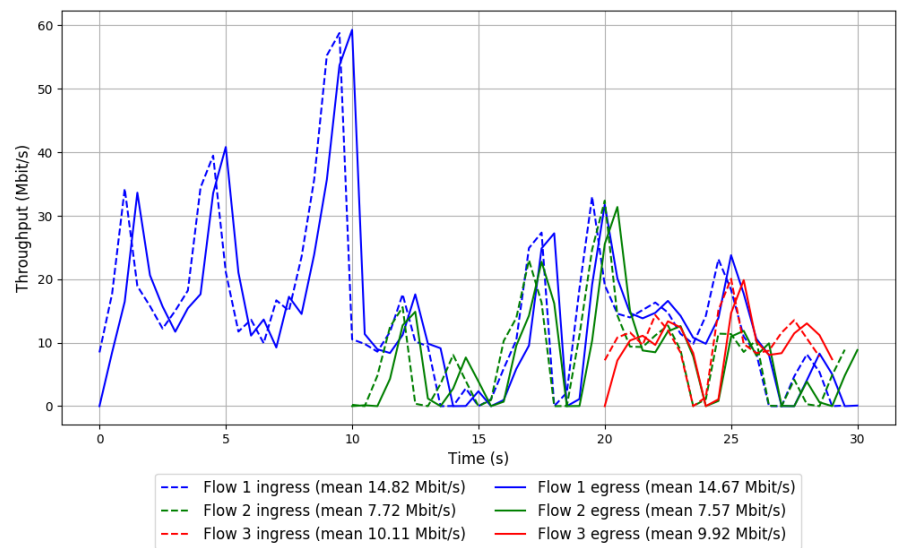


Run 10: Statistics of LEDBAT

Start at: 2018-07-10 06:46:57
End at: 2018-07-10 06:47:27
Local clock offset: 0.188 ms
Remote clock offset: -8.895 ms

Below is generated by plot.py at 2018-07-10 07:15:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.67 Mbit/s
95th percentile per-packet one-way delay: 17.416 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 14.67 Mbit/s
95th percentile per-packet one-way delay: 17.096 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 7.57 Mbit/s
95th percentile per-packet one-way delay: 17.735 ms
Loss rate: 1.93%
-- Flow 3:
Average throughput: 9.92 Mbit/s
95th percentile per-packet one-way delay: 18.028 ms
Loss rate: 1.89%

Run 10: Report of LEDBAT — Data Link

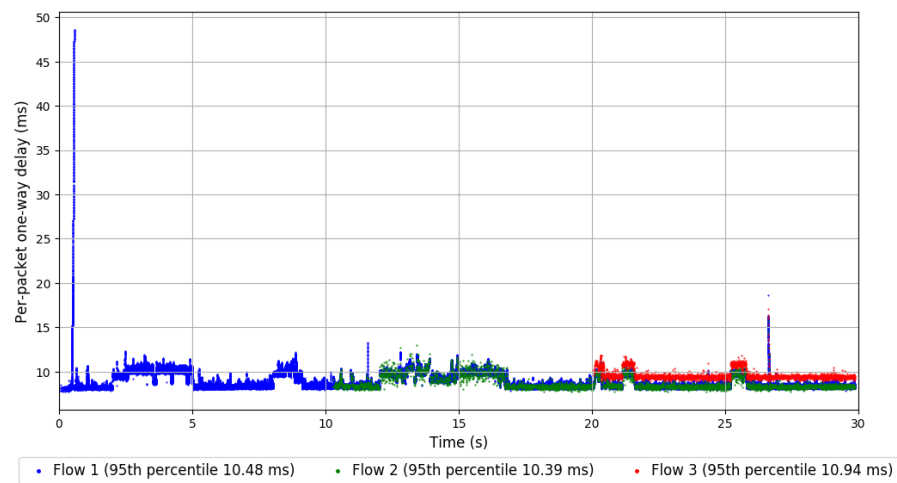
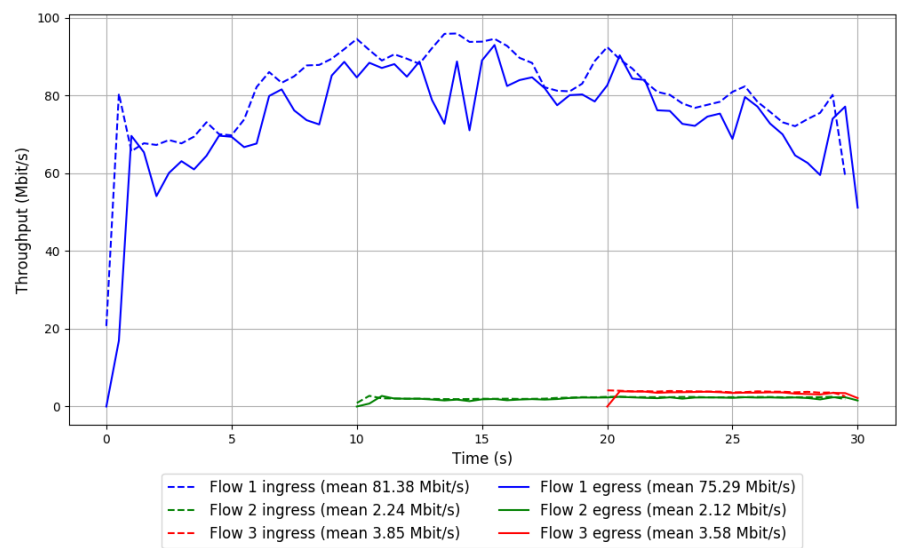


Run 1: Statistics of PCC-Allegro

Start at: 2018-07-10 03:38:22
End at: 2018-07-10 03:38:52
Local clock offset: 3.724 ms
Remote clock offset: -3.575 ms

Below is generated by plot.py at 2018-07-10 07:15:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.86 Mbit/s
95th percentile per-packet one-way delay: 10.488 ms
Loss rate: 7.47%
-- Flow 1:
Average throughput: 75.29 Mbit/s
95th percentile per-packet one-way delay: 10.479 ms
Loss rate: 7.49%
-- Flow 2:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 10.389 ms
Loss rate: 6.82%
-- Flow 3:
Average throughput: 3.58 Mbit/s
95th percentile per-packet one-way delay: 10.942 ms
Loss rate: 7.11%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-10 03:59:00

End at: 2018-07-10 03:59:30

Local clock offset: 2.296 ms

Remote clock offset: -7.92 ms

Below is generated by plot.py at 2018-07-10 07:16:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.34 Mbit/s

95th percentile per-packet one-way delay: 14.685 ms

Loss rate: 6.12%

-- Flow 1:

Average throughput: 80.55 Mbit/s

95th percentile per-packet one-way delay: 14.581 ms

Loss rate: 6.13%

-- Flow 2:

Average throughput: 2.03 Mbit/s

95th percentile per-packet one-way delay: 15.804 ms

Loss rate: 6.09%

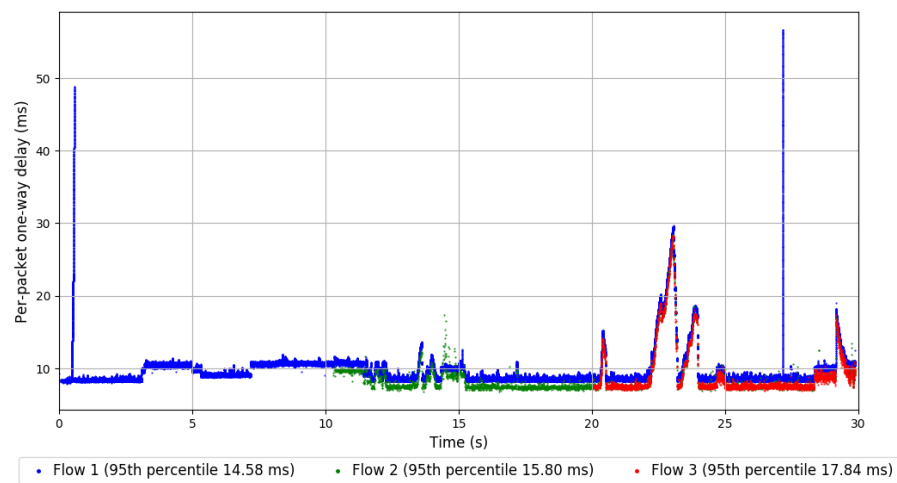
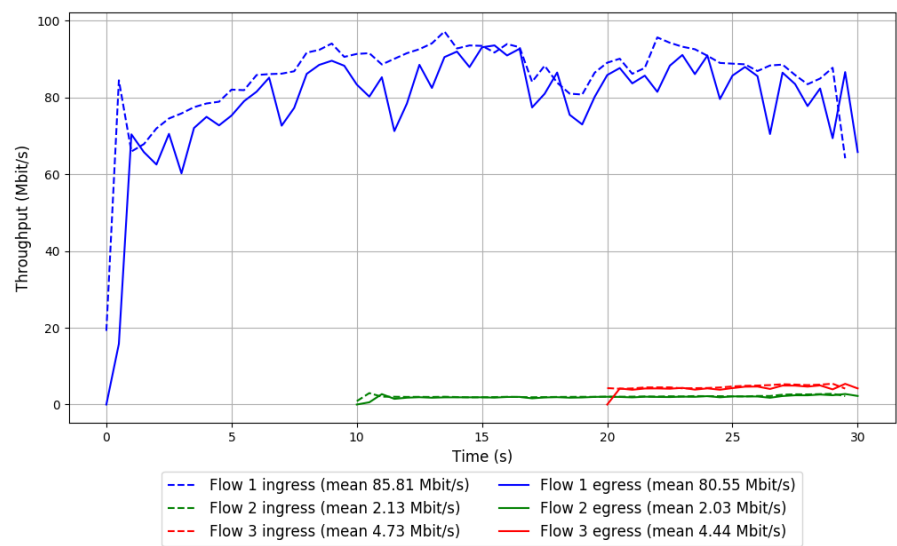
-- Flow 3:

Average throughput: 4.44 Mbit/s

95th percentile per-packet one-way delay: 17.842 ms

Loss rate: 5.98%

Run 2: Report of PCC-Allegro — Data Link

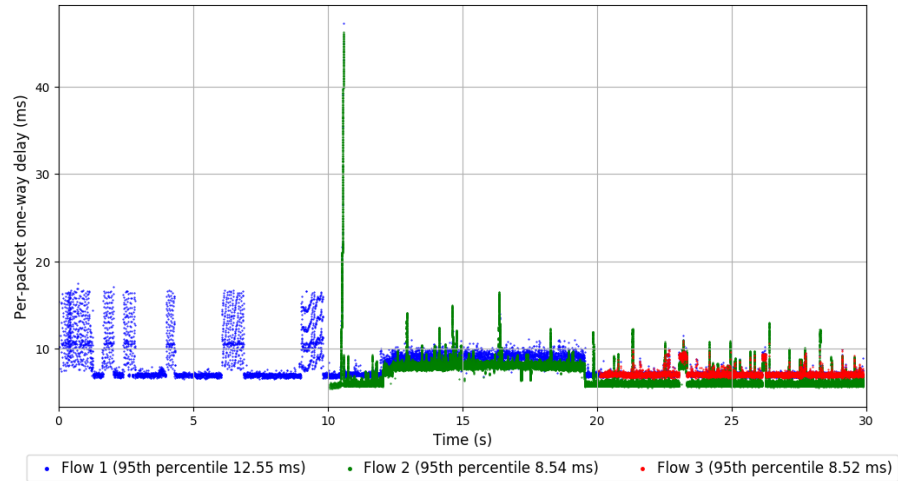
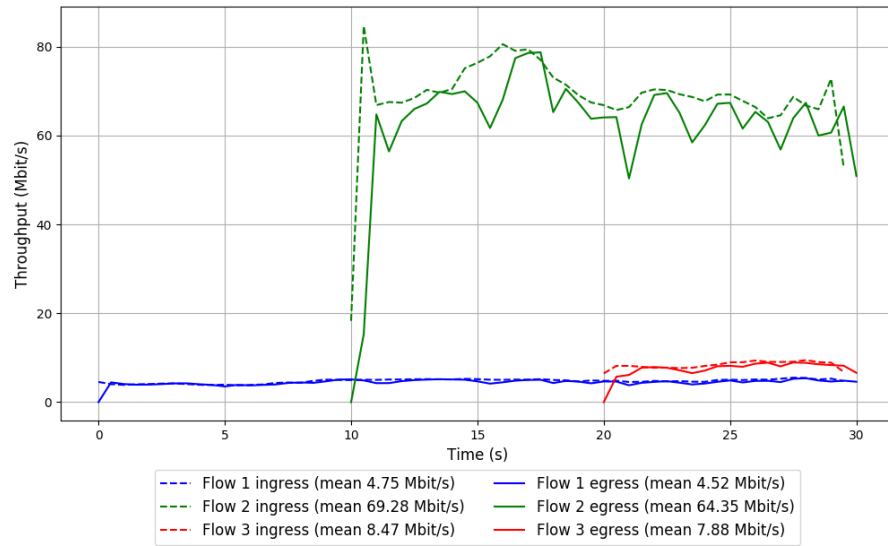


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-10 04:19:32
End at: 2018-07-10 04:20:02
Local clock offset: 3.459 ms
Remote clock offset: -3.993 ms

Below is generated by plot.py at 2018-07-10 07:16:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.92 Mbit/s
95th percentile per-packet one-way delay: 9.152 ms
Loss rate: 6.91%
-- Flow 1:
Average throughput: 4.52 Mbit/s
95th percentile per-packet one-way delay: 12.552 ms
Loss rate: 4.82%
-- Flow 2:
Average throughput: 64.35 Mbit/s
95th percentile per-packet one-way delay: 8.539 ms
Loss rate: 7.12%
-- Flow 3:
Average throughput: 7.88 Mbit/s
95th percentile per-packet one-way delay: 8.521 ms
Loss rate: 6.99%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-07-10 04:39:36

End at: 2018-07-10 04:40:06

Local clock offset: 0.251 ms

Remote clock offset: -2.1 ms

Below is generated by plot.py at 2018-07-10 07:16:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 51.97 Mbit/s

95th percentile per-packet one-way delay: 13.130 ms

Loss rate: 6.22%

-- Flow 1:

Average throughput: 9.74 Mbit/s

95th percentile per-packet one-way delay: 16.545 ms

Loss rate: 4.39%

-- Flow 2:

Average throughput: 56.24 Mbit/s

95th percentile per-packet one-way delay: 12.227 ms

Loss rate: 6.45%

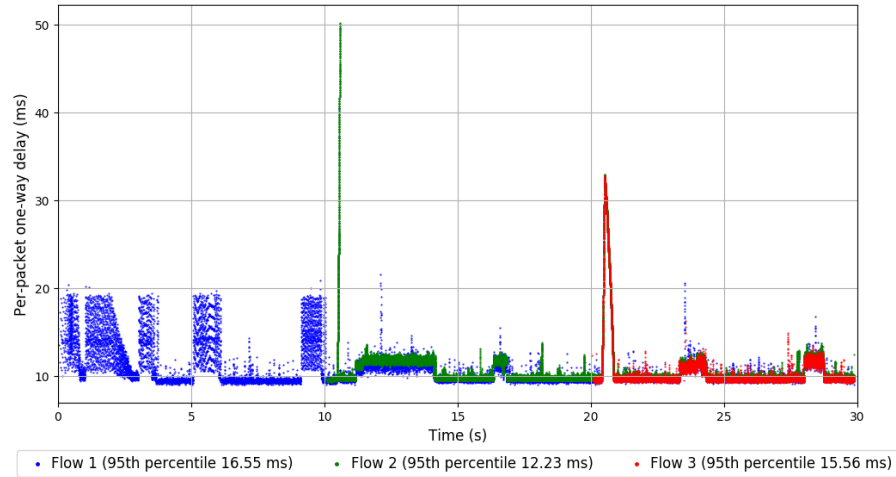
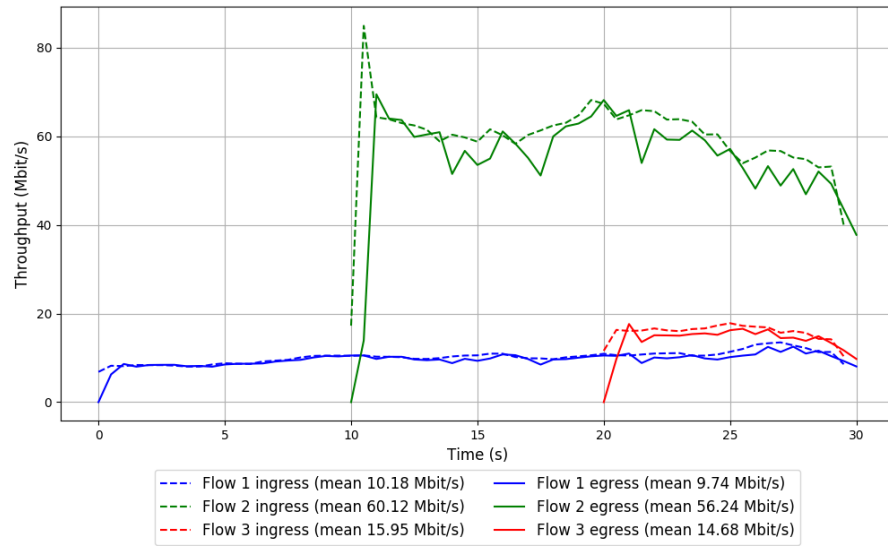
-- Flow 3:

Average throughput: 14.68 Mbit/s

95th percentile per-packet one-way delay: 15.562 ms

Loss rate: 8.02%

Run 4: Report of PCC-Allegro — Data Link

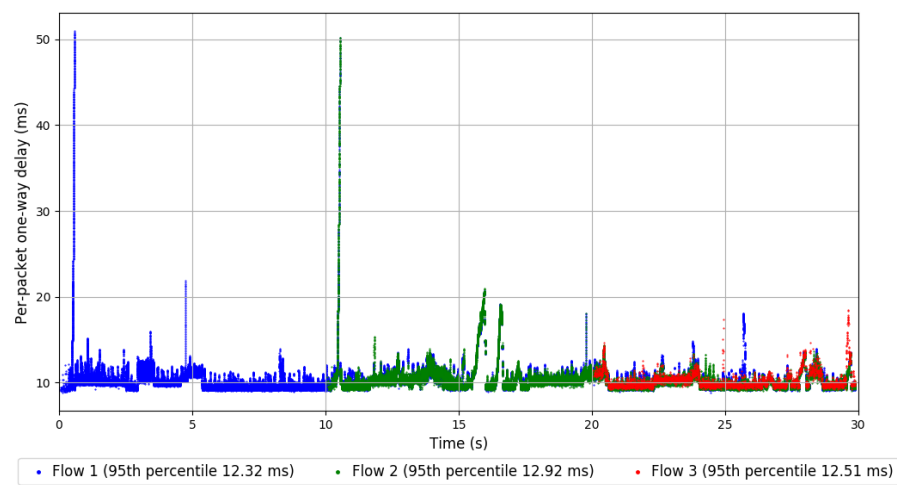
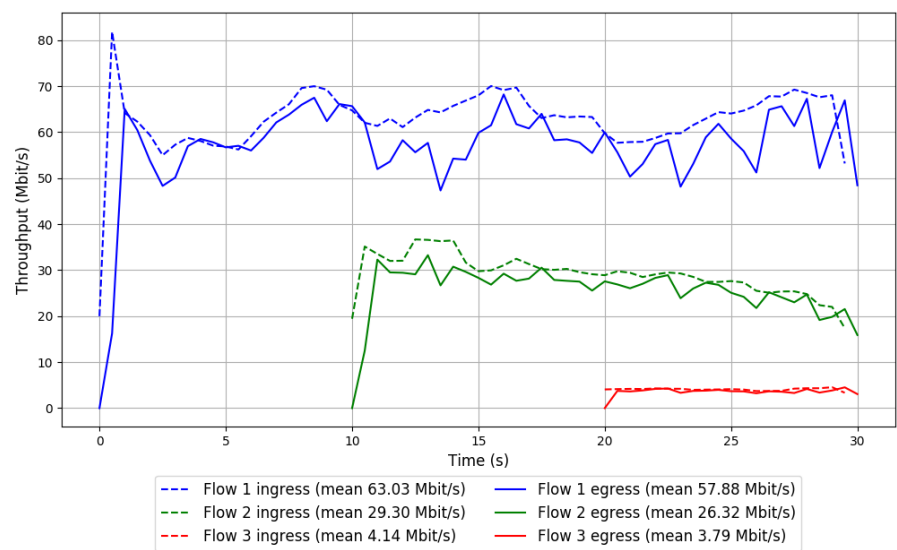


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-10 05:00:07
End at: 2018-07-10 05:00:37
Local clock offset: 1.475 ms
Remote clock offset: -1.539 ms

Below is generated by plot.py at 2018-07-10 07:16:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.63 Mbit/s
95th percentile per-packet one-way delay: 12.434 ms
Loss rate: 8.64%
-- Flow 1:
Average throughput: 57.88 Mbit/s
95th percentile per-packet one-way delay: 12.323 ms
Loss rate: 8.16%
-- Flow 2:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 12.924 ms
Loss rate: 10.18%
-- Flow 3:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 12.507 ms
Loss rate: 8.49%

Run 5: Report of PCC-Allegro — Data Link

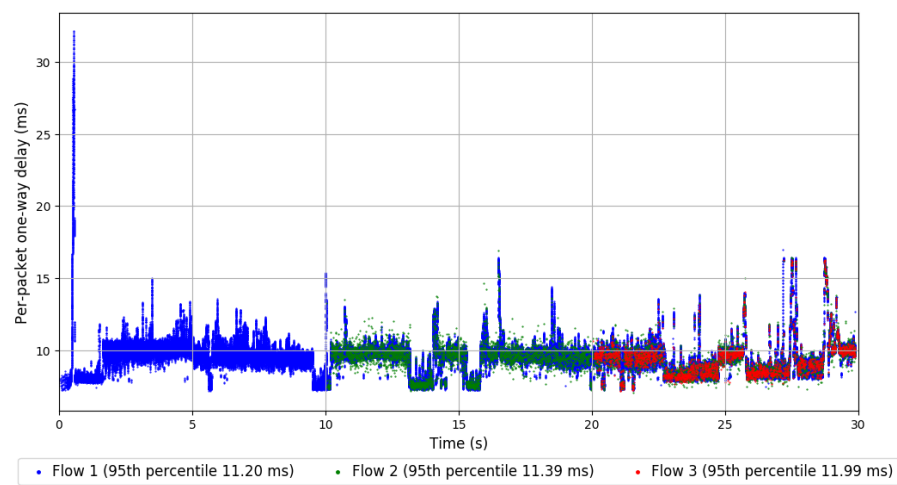
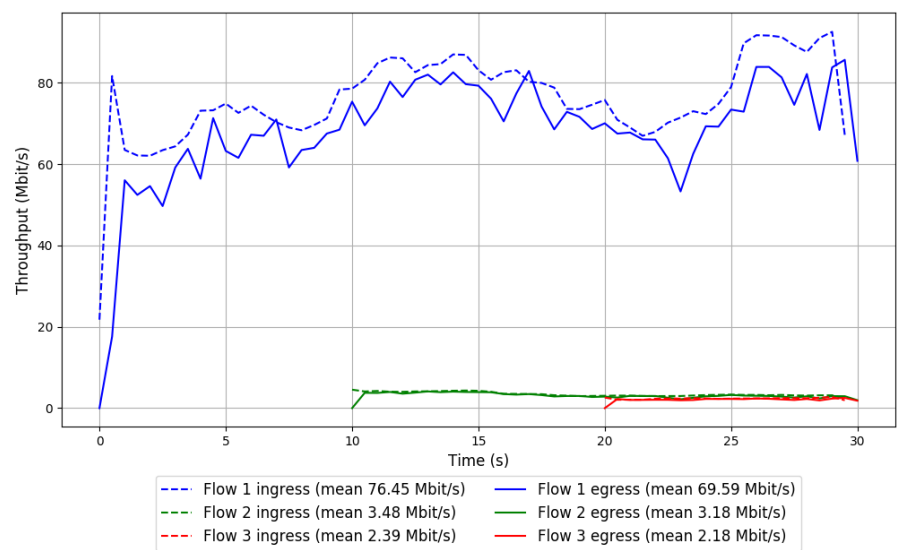


Run 6: Statistics of PCC-Allegro

Start at: 2018-07-10 05:21:10
End at: 2018-07-10 05:21:40
Local clock offset: 4.027 ms
Remote clock offset: -1.509 ms

Below is generated by plot.py at 2018-07-10 07:16:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.43 Mbit/s
95th percentile per-packet one-way delay: 11.206 ms
Loss rate: 8.93%
-- Flow 1:
Average throughput: 69.59 Mbit/s
95th percentile per-packet one-way delay: 11.195 ms
Loss rate: 8.95%
-- Flow 2:
Average throughput: 3.18 Mbit/s
95th percentile per-packet one-way delay: 11.388 ms
Loss rate: 8.57%
-- Flow 3:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 11.986 ms
Loss rate: 8.59%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-07-10 05:42:13

End at: 2018-07-10 05:42:43

Local clock offset: 1.039 ms

Remote clock offset: -1.49 ms

Below is generated by plot.py at 2018-07-10 07:16:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.13 Mbit/s

95th percentile per-packet one-way delay: 23.719 ms

Loss rate: 8.51%

-- Flow 1:

Average throughput: 68.56 Mbit/s

95th percentile per-packet one-way delay: 32.143 ms

Loss rate: 8.33%

-- Flow 2:

Average throughput: 14.92 Mbit/s

95th percentile per-packet one-way delay: 18.681 ms

Loss rate: 9.59%

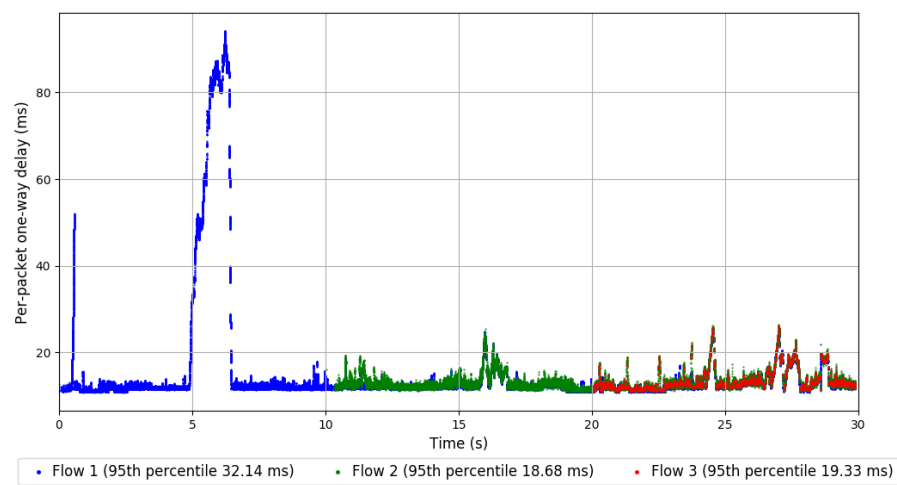
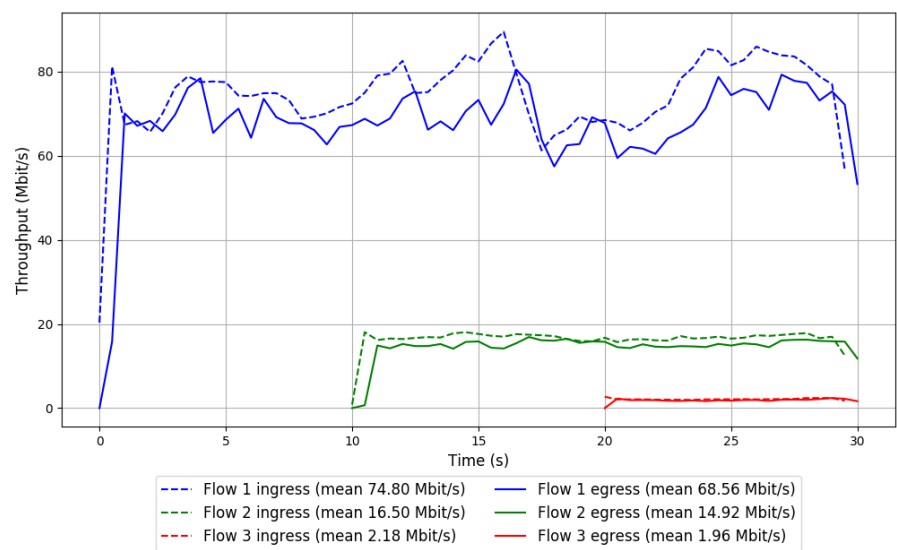
-- Flow 3:

Average throughput: 1.96 Mbit/s

95th percentile per-packet one-way delay: 19.332 ms

Loss rate: 9.93%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-10 06:02:56

End at: 2018-07-10 06:03:26

Local clock offset: 3.838 ms

Remote clock offset: -12.522 ms

Below is generated by plot.py at 2018-07-10 07:16:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.98 Mbit/s

95th percentile per-packet one-way delay: 8.074 ms

Loss rate: 6.68%

-- Flow 1:

Average throughput: 73.43 Mbit/s

95th percentile per-packet one-way delay: 7.996 ms

Loss rate: 6.73%

-- Flow 2:

Average throughput: 4.82 Mbit/s

95th percentile per-packet one-way delay: 9.819 ms

Loss rate: 6.27%

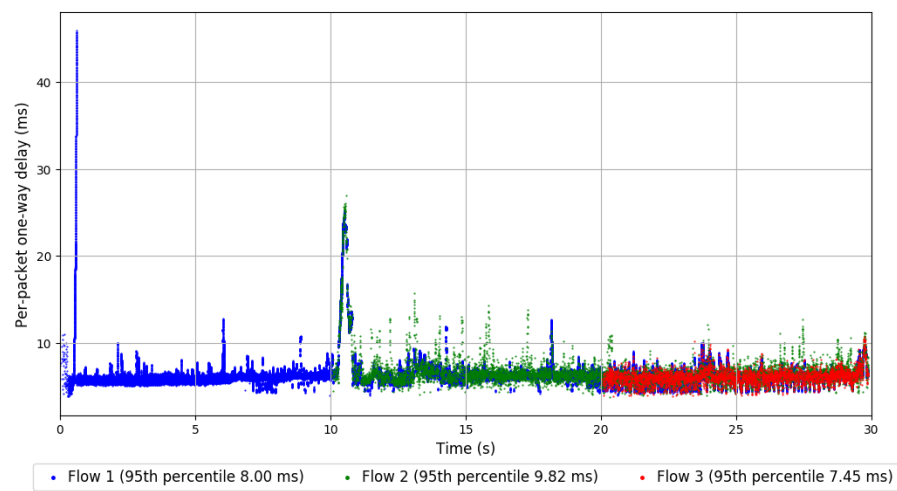
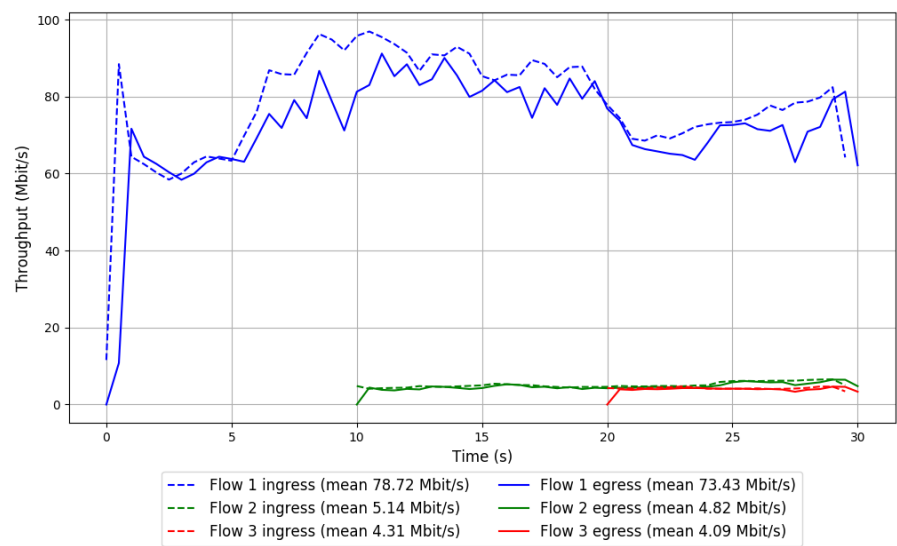
-- Flow 3:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: 7.447 ms

Loss rate: 5.04%

Run 8: Report of PCC-Allegro — Data Link

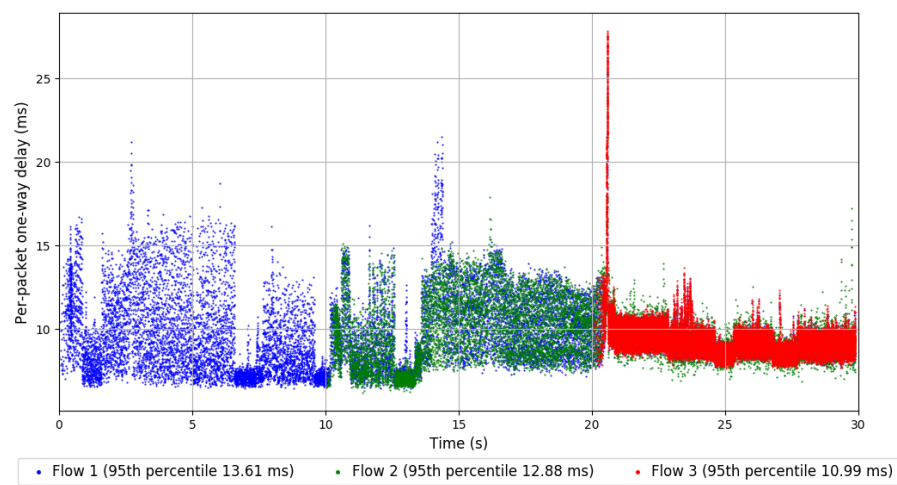
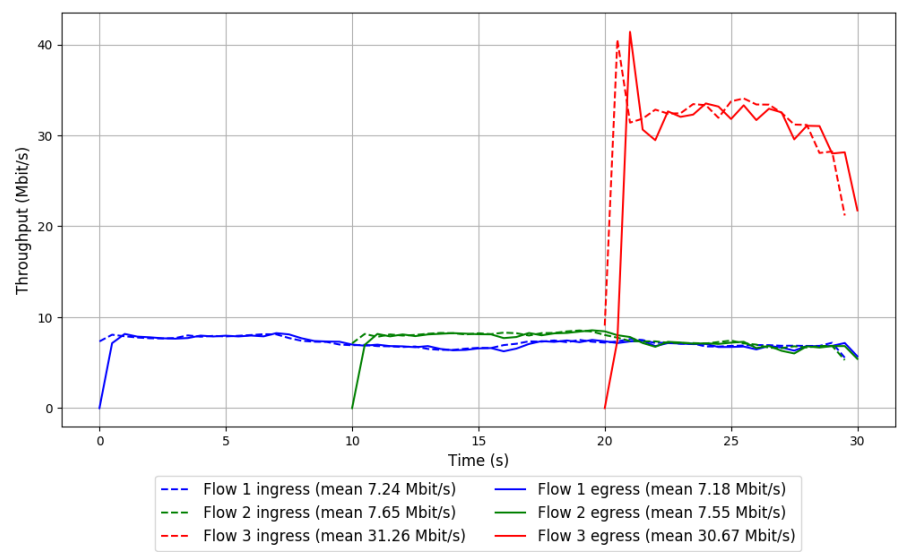


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-10 06:23:14
End at: 2018-07-10 06:23:44
Local clock offset: 0.644 ms
Remote clock offset: -17.152 ms

Below is generated by plot.py at 2018-07-10 07:16:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.32 Mbit/s
95th percentile per-packet one-way delay: 12.719 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 7.18 Mbit/s
95th percentile per-packet one-way delay: 13.606 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 7.55 Mbit/s
95th percentile per-packet one-way delay: 12.885 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 10.992 ms
Loss rate: 1.90%

Run 9: Report of PCC-Allegro — Data Link

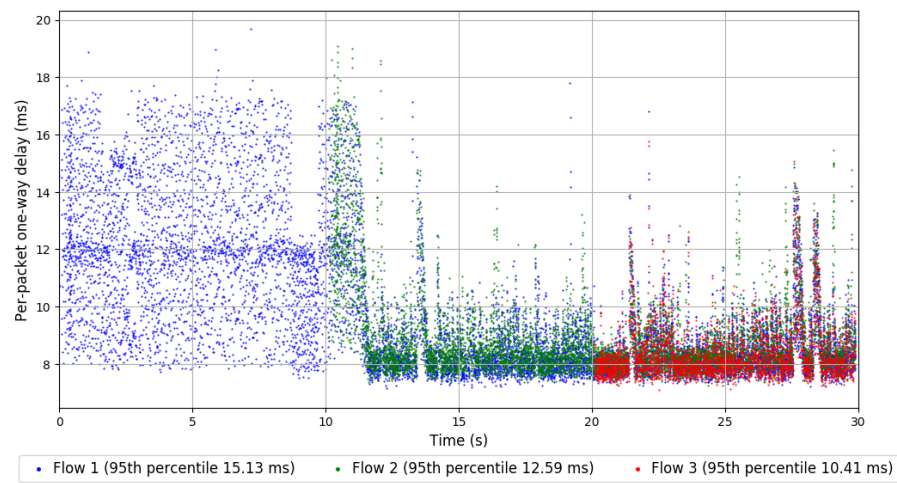
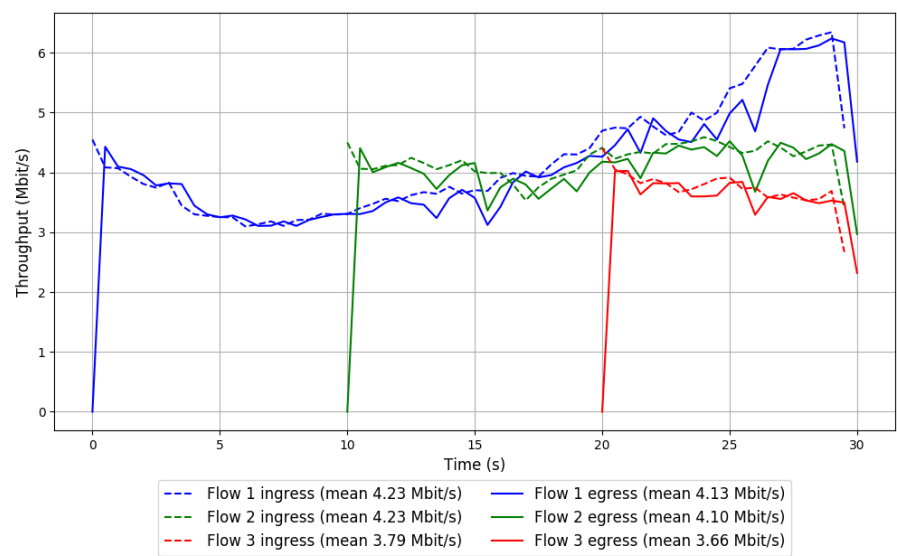


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-10 06:43:32
End at: 2018-07-10 06:44:02
Local clock offset: 3.674 ms
Remote clock offset: -9.392 ms

Below is generated by plot.py at 2018-07-10 07:16:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.06 Mbit/s
95th percentile per-packet one-way delay: 14.139 ms
Loss rate: 2.76%
-- Flow 1:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 15.133 ms
Loss rate: 2.33%
-- Flow 2:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 12.591 ms
Loss rate: 3.08%
-- Flow 3:
Average throughput: 3.66 Mbit/s
95th percentile per-packet one-way delay: 10.413 ms
Loss rate: 3.48%

Run 10: Report of PCC-Allegro — Data Link

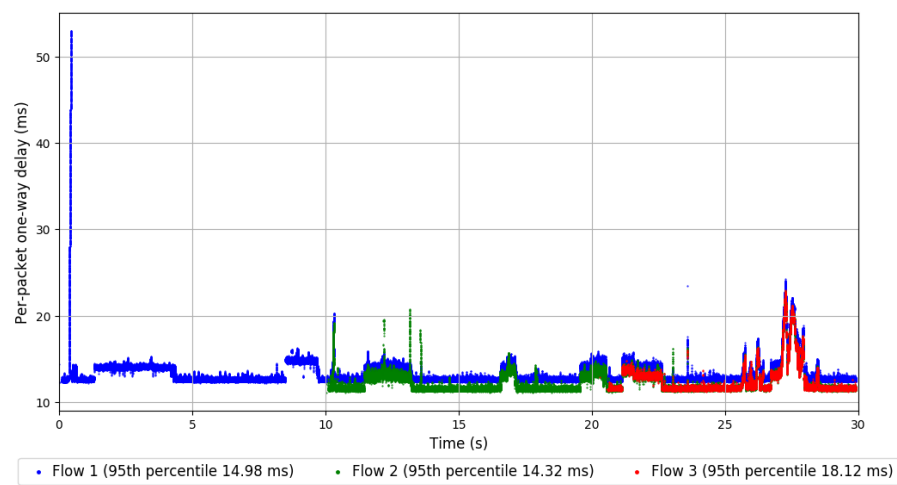
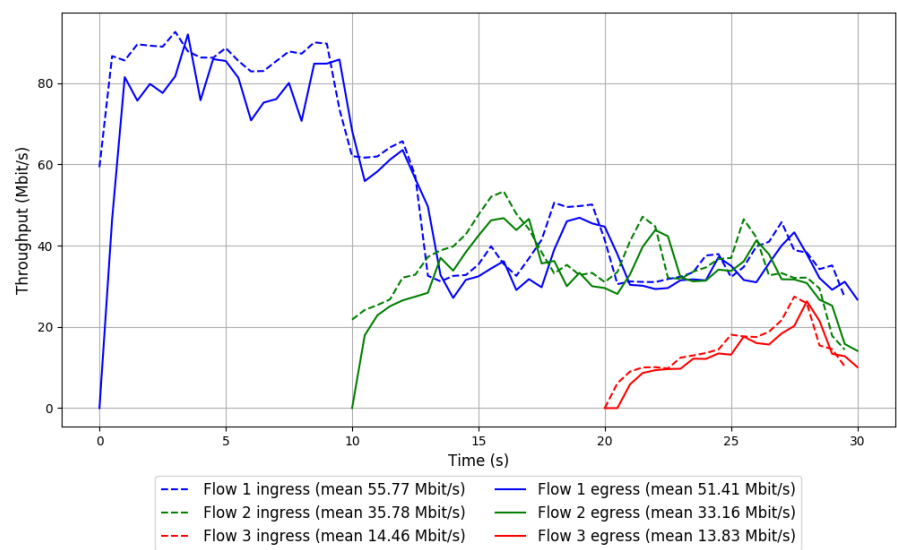


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-10 03:39:32
End at: 2018-07-10 03:40:02
Local clock offset: 0.642 ms
Remote clock offset: -3.542 ms

# Below is generated by plot.py at 2018-07-10 07:17:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.92 Mbit/s
95th percentile per-packet one-way delay: 14.997 ms
Loss rate: 7.62%
-- Flow 1:
Average throughput: 51.41 Mbit/s
95th percentile per-packet one-way delay: 14.982 ms
Loss rate: 7.82%
-- Flow 2:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 14.325 ms
Loss rate: 7.32%
-- Flow 3:
Average throughput: 13.83 Mbit/s
95th percentile per-packet one-way delay: 18.123 ms
Loss rate: 6.84%
```

Run 1: Report of PCC-Expr — Data Link

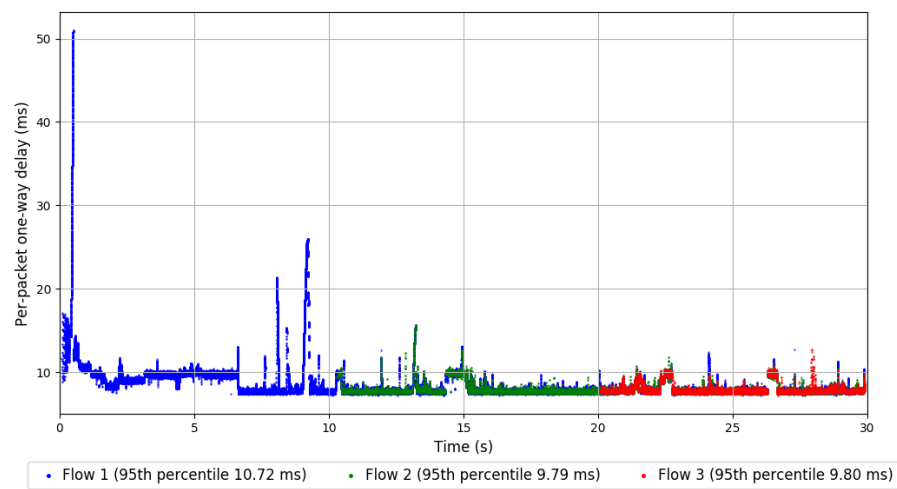
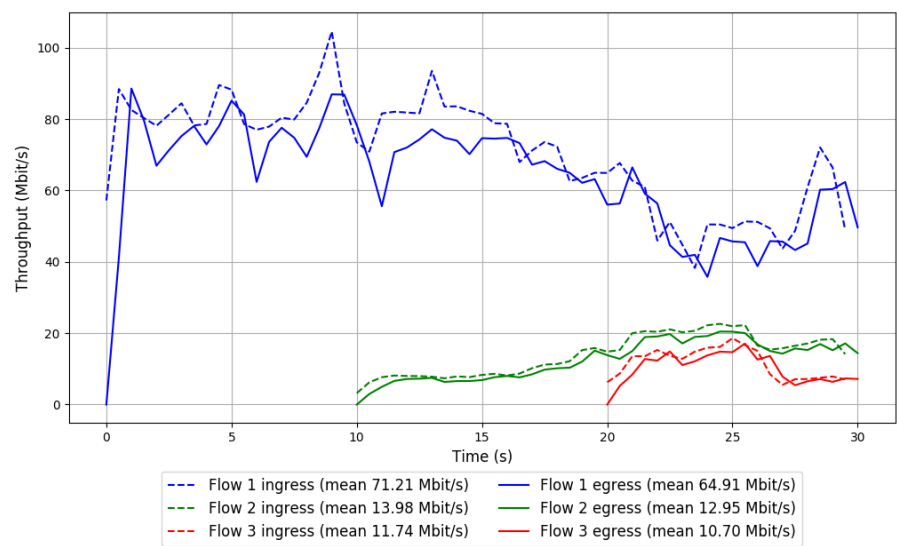


Run 2: Statistics of PCC-Expr

Start at: 2018-07-10 04:00:10
End at: 2018-07-10 04:00:40
Local clock offset: 3.133 ms
Remote clock offset: -6.837 ms

Below is generated by plot.py at 2018-07-10 07:17:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.95 Mbit/s
95th percentile per-packet one-way delay: 10.548 ms
Loss rate: 8.83%
-- Flow 1:
Average throughput: 64.91 Mbit/s
95th percentile per-packet one-way delay: 10.724 ms
Loss rate: 8.87%
-- Flow 2:
Average throughput: 12.95 Mbit/s
95th percentile per-packet one-way delay: 9.793 ms
Loss rate: 8.52%
-- Flow 3:
Average throughput: 10.70 Mbit/s
95th percentile per-packet one-way delay: 9.802 ms
Loss rate: 8.88%

Run 2: Report of PCC-Expr — Data Link

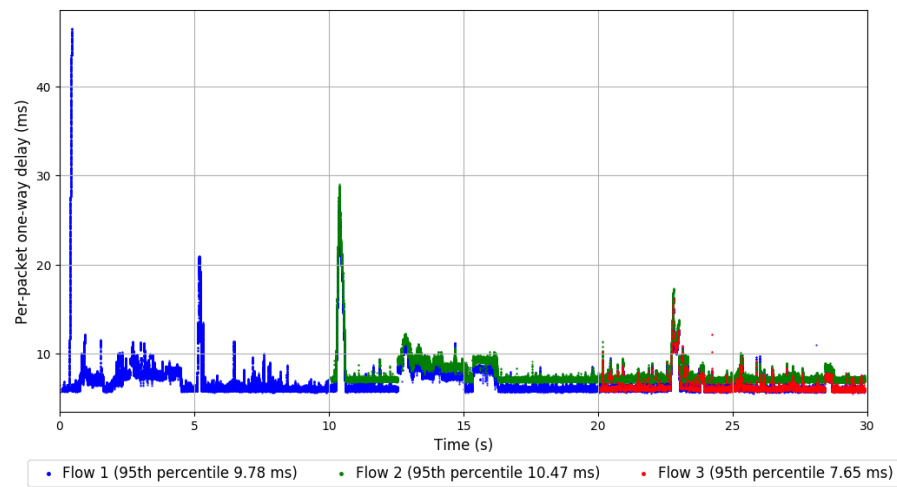
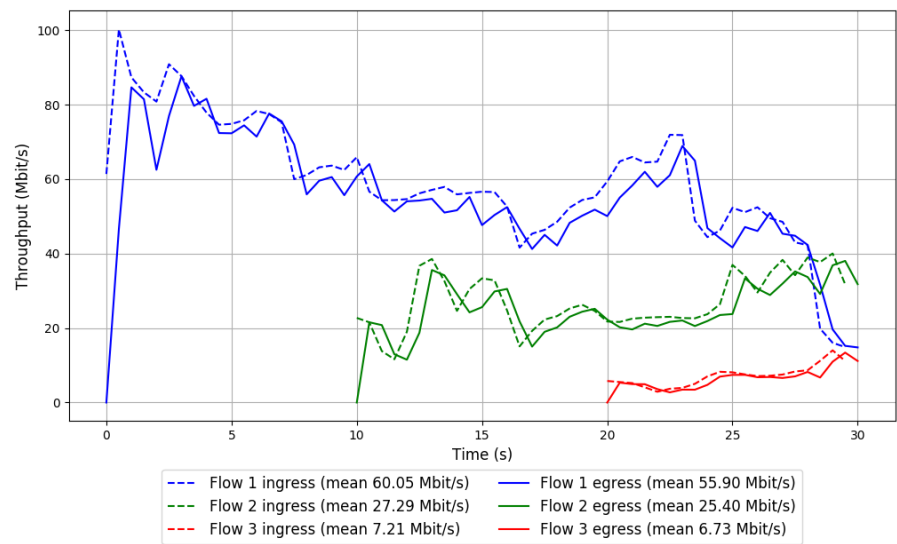


Run 3: Statistics of PCC-Expr

Start at: 2018-07-10 04:20:42
End at: 2018-07-10 04:21:12
Local clock offset: 3.856 ms
Remote clock offset: -3.318 ms

Below is generated by plot.py at 2018-07-10 07:17:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.01 Mbit/s
95th percentile per-packet one-way delay: 9.959 ms
Loss rate: 6.91%
-- Flow 1:
Average throughput: 55.90 Mbit/s
95th percentile per-packet one-way delay: 9.782 ms
Loss rate: 6.91%
-- Flow 2:
Average throughput: 25.40 Mbit/s
95th percentile per-packet one-way delay: 10.470 ms
Loss rate: 6.92%
-- Flow 3:
Average throughput: 6.73 Mbit/s
95th percentile per-packet one-way delay: 7.647 ms
Loss rate: 6.69%

Run 3: Report of PCC-Expr — Data Link

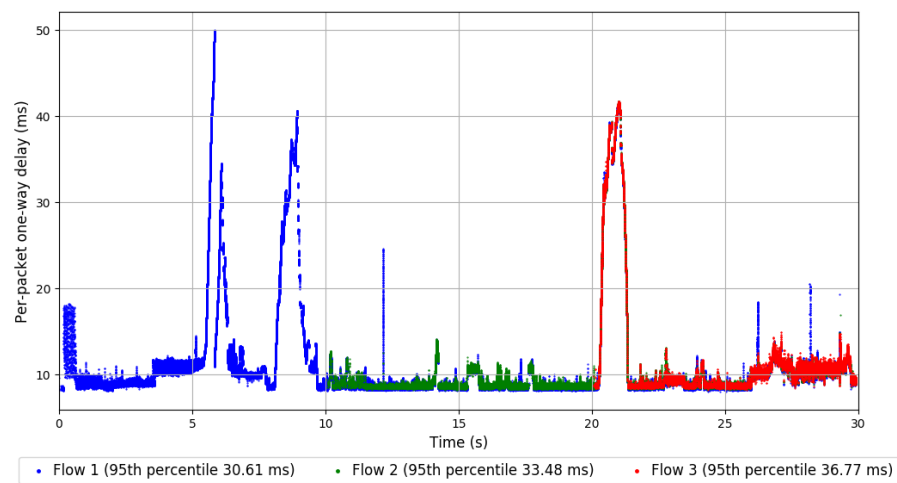
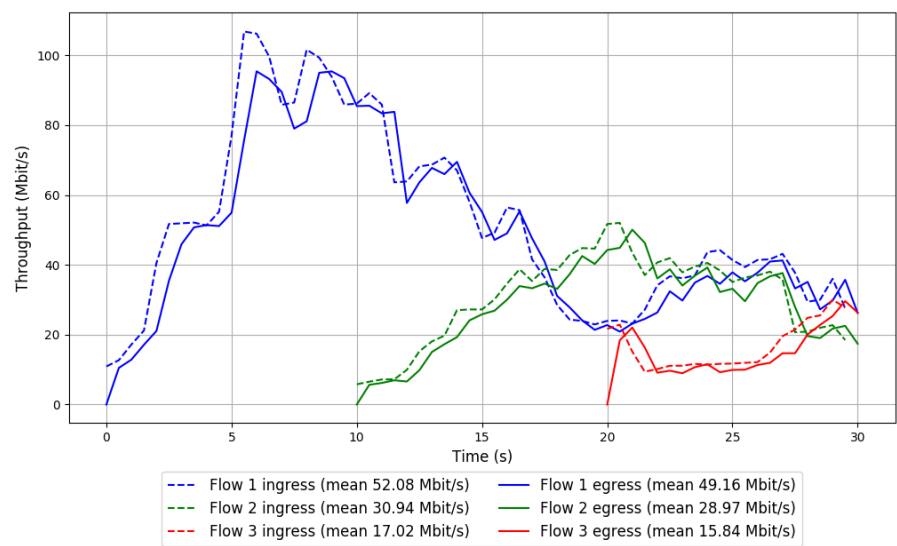


Run 4: Statistics of PCC-Expr

Start at: 2018-07-10 04:40:45
End at: 2018-07-10 04:41:15
Local clock offset: 1.097 ms
Remote clock offset: -2.442 ms

Below is generated by plot.py at 2018-07-10 07:17:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.66 Mbit/s
95th percentile per-packet one-way delay: 32.155 ms
Loss rate: 5.91%
-- Flow 1:
Average throughput: 49.16 Mbit/s
95th percentile per-packet one-way delay: 30.610 ms
Loss rate: 5.62%
-- Flow 2:
Average throughput: 28.97 Mbit/s
95th percentile per-packet one-way delay: 33.483 ms
Loss rate: 6.37%
-- Flow 3:
Average throughput: 15.84 Mbit/s
95th percentile per-packet one-way delay: 36.769 ms
Loss rate: 6.95%

Run 4: Report of PCC-Expr — Data Link

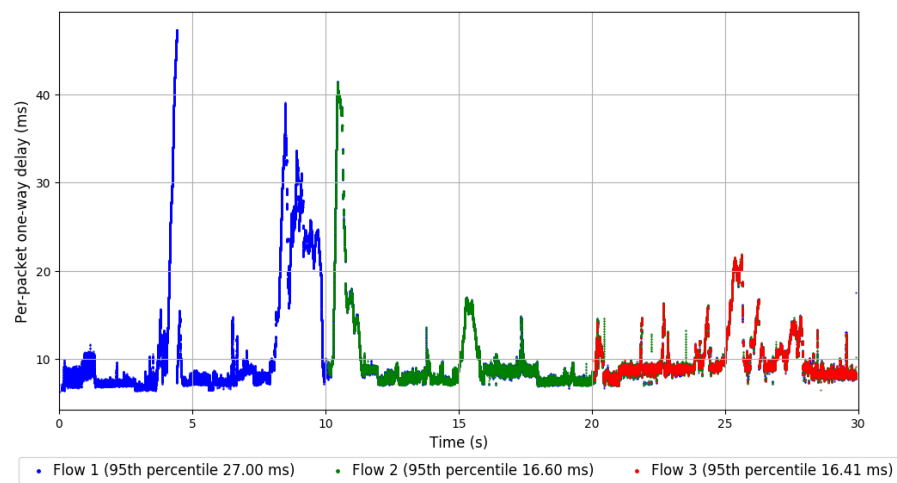
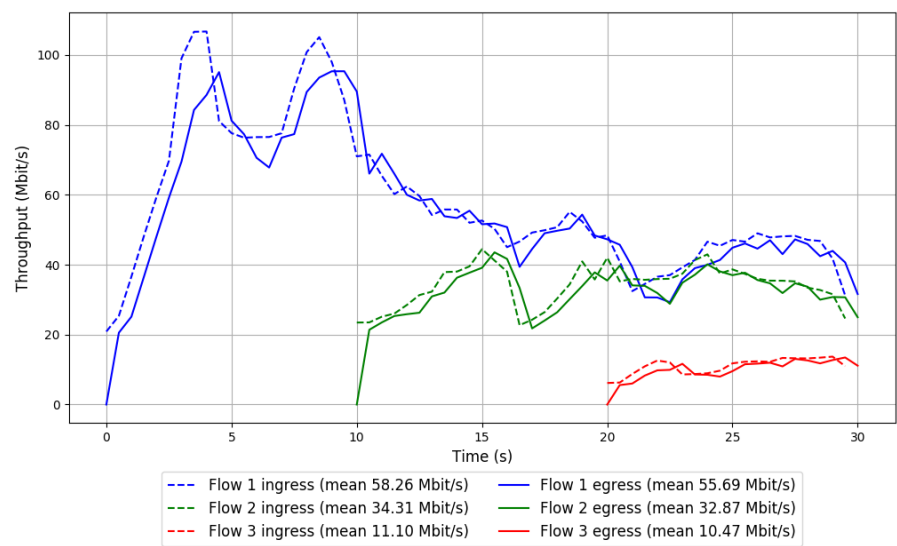


Run 5: Statistics of PCC-Expr

Start at: 2018-07-10 05:01:18
End at: 2018-07-10 05:01:48
Local clock offset: 3.572 ms
Remote clock offset: -2.215 ms

Below is generated by plot.py at 2018-07-10 07:18:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.00 Mbit/s
95th percentile per-packet one-way delay: 24.663 ms
Loss rate: 4.40%
-- Flow 1:
Average throughput: 55.69 Mbit/s
95th percentile per-packet one-way delay: 27.003 ms
Loss rate: 4.39%
-- Flow 2:
Average throughput: 32.87 Mbit/s
95th percentile per-packet one-way delay: 16.603 ms
Loss rate: 4.22%
-- Flow 3:
Average throughput: 10.47 Mbit/s
95th percentile per-packet one-way delay: 16.405 ms
Loss rate: 5.69%

Run 5: Report of PCC-Expr — Data Link

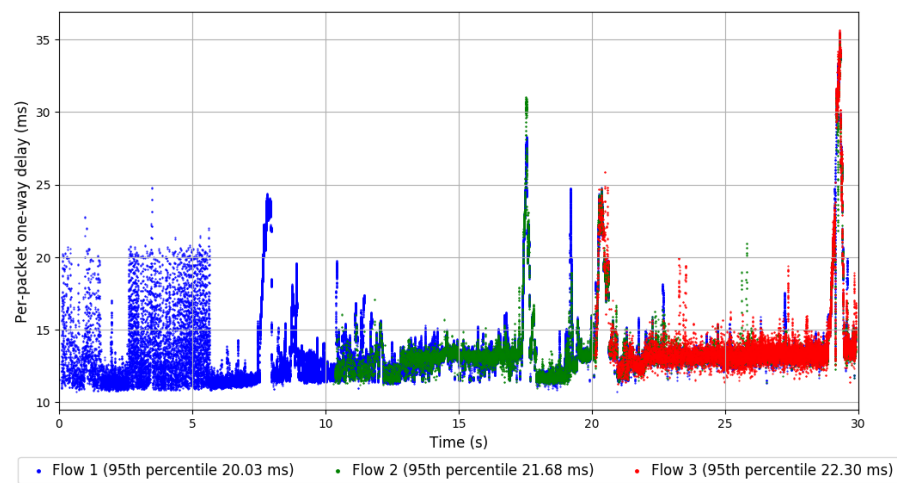
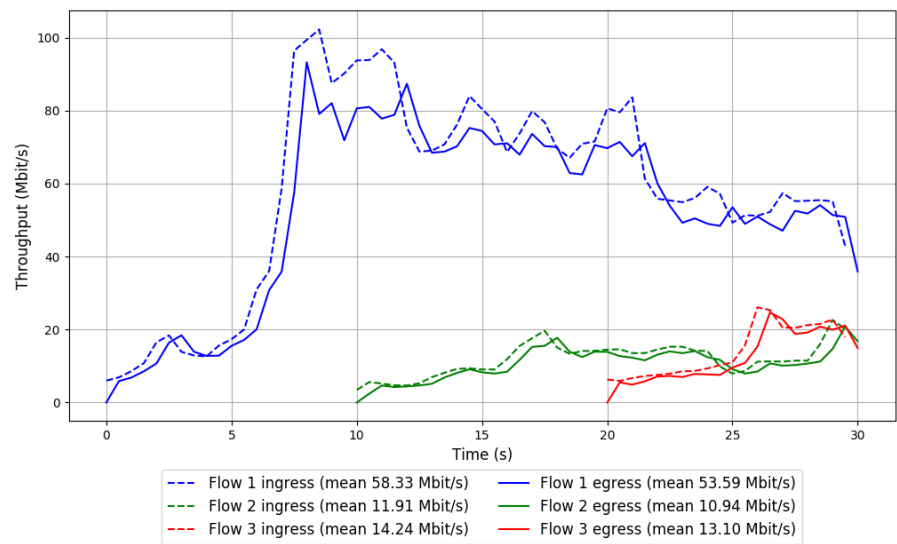


Run 6: Statistics of PCC-Expr

Start at: 2018-07-10 05:22:19
End at: 2018-07-10 05:22:49
Local clock offset: 0.75 ms
Remote clock offset: -1.285 ms

Below is generated by plot.py at 2018-07-10 07:18:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 20.523 ms
Loss rate: 8.10%
-- Flow 1:
Average throughput: 53.59 Mbit/s
95th percentile per-packet one-way delay: 20.034 ms
Loss rate: 8.11%
-- Flow 2:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 21.678 ms
Loss rate: 8.13%
-- Flow 3:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 22.304 ms
Loss rate: 7.92%

Run 6: Report of PCC-Expr — Data Link

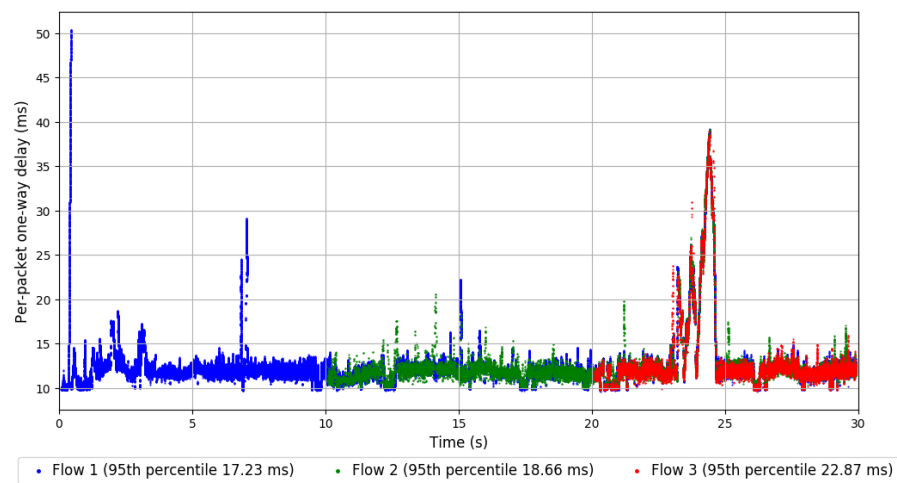
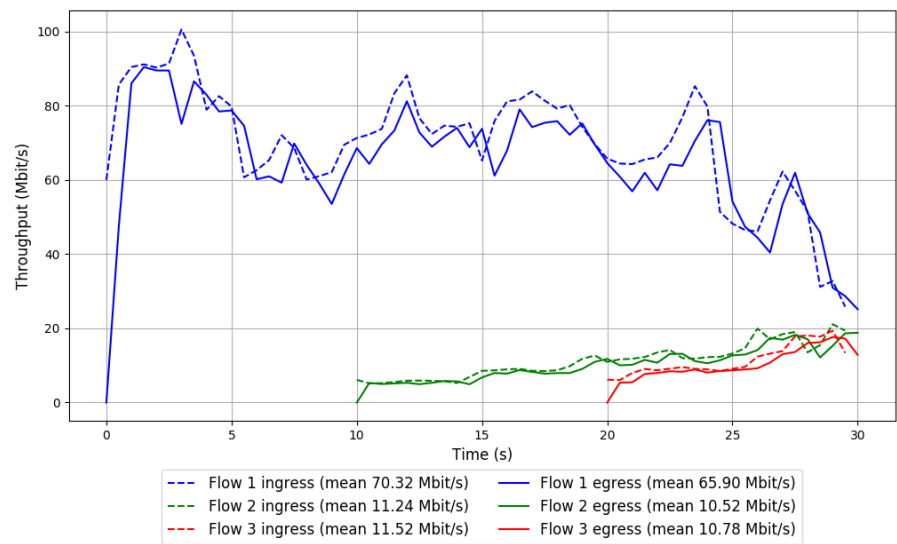


Run 7: Statistics of PCC-Expr

Start at: 2018-07-10 05:43:28
End at: 2018-07-10 05:43:58
Local clock offset: 1.954 ms
Remote clock offset: -1.587 ms

Below is generated by plot.py at 2018-07-10 07:18:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.46 Mbit/s
95th percentile per-packet one-way delay: 17.455 ms
Loss rate: 6.32%
-- Flow 1:
Average throughput: 65.90 Mbit/s
95th percentile per-packet one-way delay: 17.233 ms
Loss rate: 6.31%
-- Flow 2:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: 18.665 ms
Loss rate: 6.39%
-- Flow 3:
Average throughput: 10.78 Mbit/s
95th percentile per-packet one-way delay: 22.869 ms
Loss rate: 6.46%

Run 7: Report of PCC-Expr — Data Link

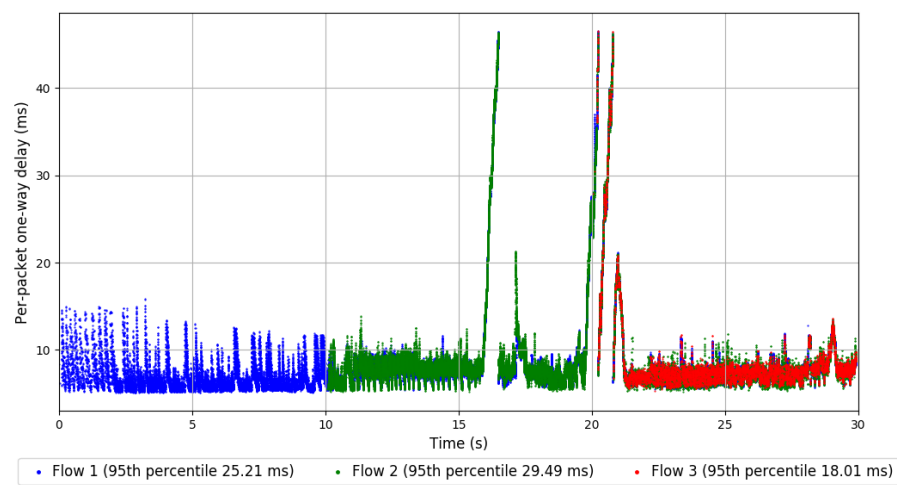
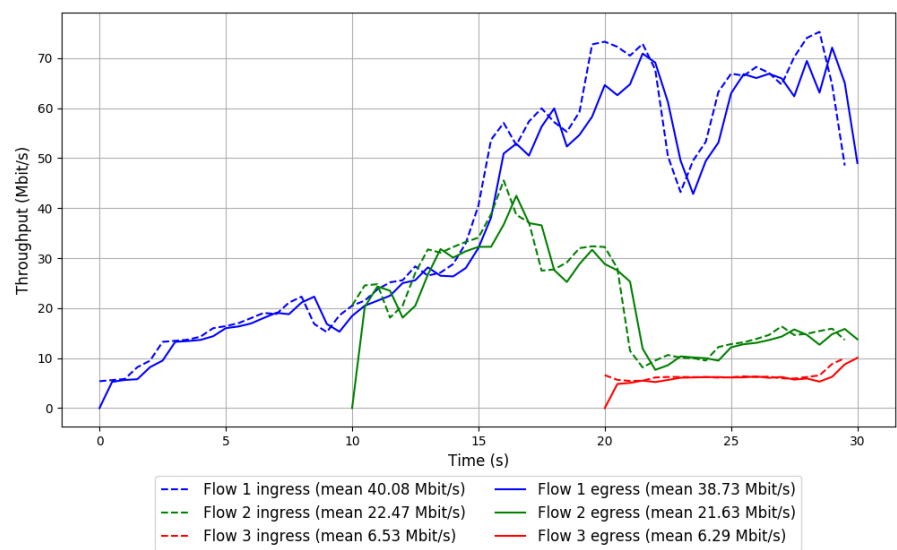


Run 8: Statistics of PCC-Expr

Start at: 2018-07-10 06:04:05
End at: 2018-07-10 06:04:35
Local clock offset: 3.105 ms
Remote clock offset: -12.208 ms

Below is generated by plot.py at 2018-07-10 07:18:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.19 Mbit/s
95th percentile per-packet one-way delay: 26.189 ms
Loss rate: 3.49%
-- Flow 1:
Average throughput: 38.73 Mbit/s
95th percentile per-packet one-way delay: 25.206 ms
Loss rate: 3.37%
-- Flow 2:
Average throughput: 21.63 Mbit/s
95th percentile per-packet one-way delay: 29.493 ms
Loss rate: 3.74%
-- Flow 3:
Average throughput: 6.29 Mbit/s
95th percentile per-packet one-way delay: 18.008 ms
Loss rate: 3.93%

Run 8: Report of PCC-Expr — Data Link

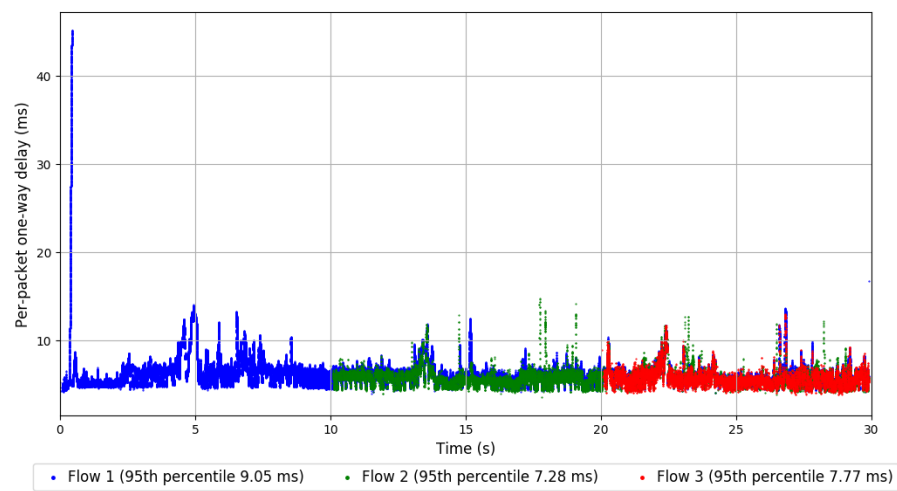
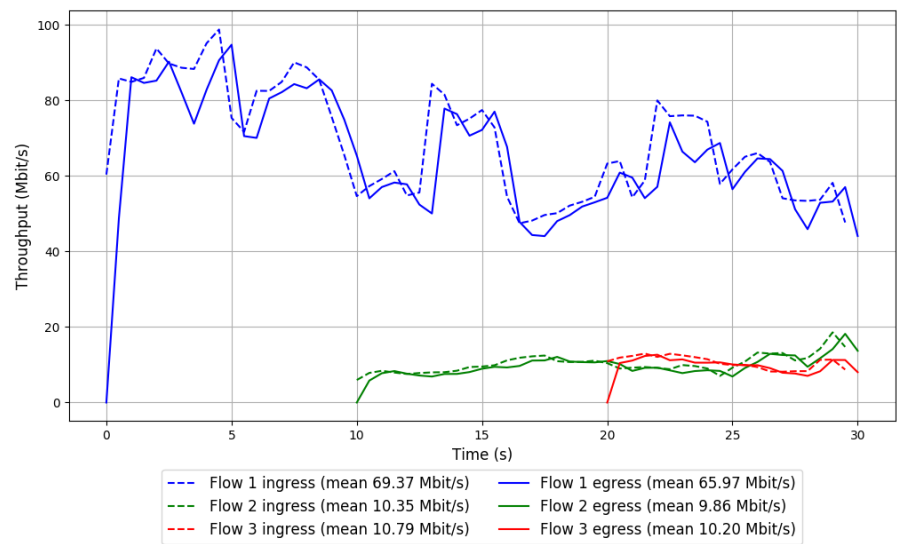


Run 9: Statistics of PCC-Expr

Start at: 2018-07-10 06:24:22
End at: 2018-07-10 06:24:52
Local clock offset: 3.537 ms
Remote clock offset: -16.633 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.90 Mbit/s
95th percentile per-packet one-way delay: 8.832 ms
Loss rate: 4.88%
-- Flow 1:
Average throughput: 65.97 Mbit/s
95th percentile per-packet one-way delay: 9.050 ms
Loss rate: 4.87%
-- Flow 2:
Average throughput: 9.86 Mbit/s
95th percentile per-packet one-way delay: 7.275 ms
Loss rate: 4.70%
-- Flow 3:
Average throughput: 10.20 Mbit/s
95th percentile per-packet one-way delay: 7.771 ms
Loss rate: 5.47%

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-07-10 06:44:38

End at: 2018-07-10 06:45:08

Local clock offset: 3.508 ms

Remote clock offset: -8.82 ms

Below is generated by plot.py at 2018-07-10 07:19:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 53.74 Mbit/s

95th percentile per-packet one-way delay: 11.115 ms

Loss rate: 10.62%

-- Flow 1:

Average throughput: 46.52 Mbit/s

95th percentile per-packet one-way delay: 11.068 ms

Loss rate: 10.64%

-- Flow 2:

Average throughput: 7.47 Mbit/s

95th percentile per-packet one-way delay: 11.325 ms

Loss rate: 10.51%

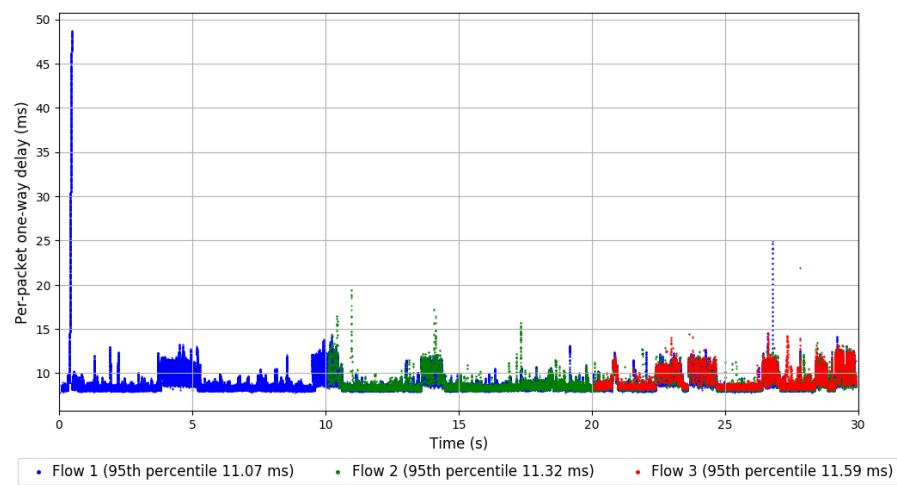
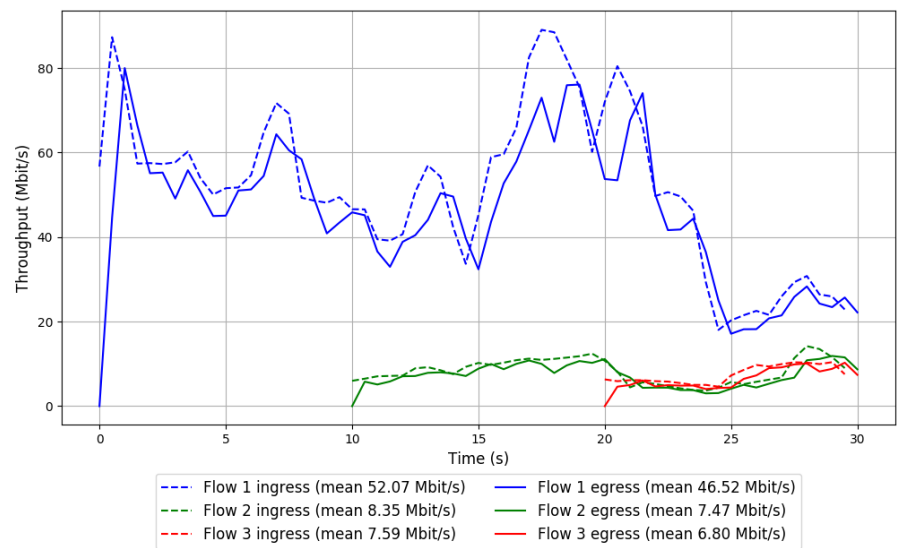
-- Flow 3:

Average throughput: 6.80 Mbit/s

95th percentile per-packet one-way delay: 11.586 ms

Loss rate: 10.31%

Run 10: Report of PCC-Expr — Data Link

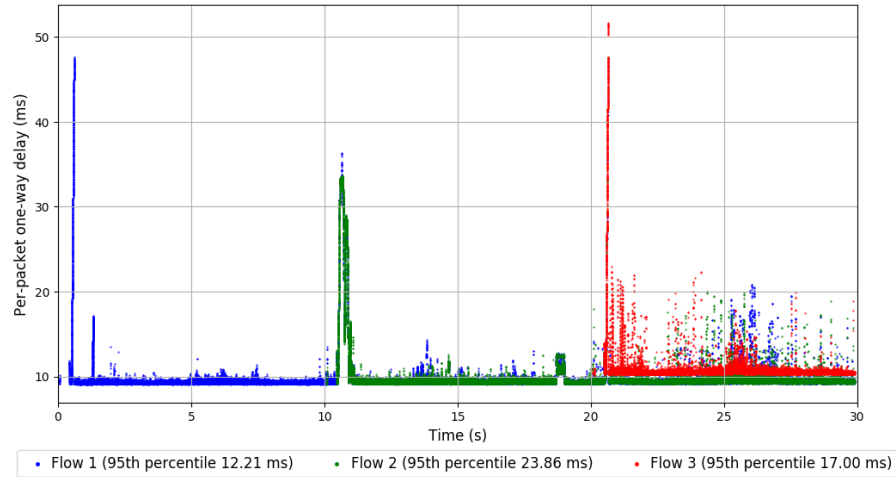
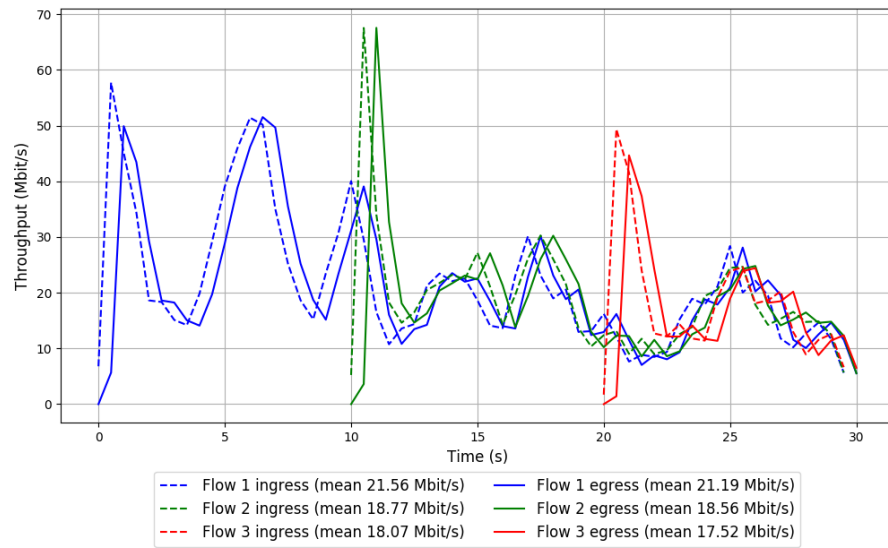


Run 1: Statistics of QUIC Cubic

Start at: 2018-07-10 03:45:27
End at: 2018-07-10 03:45:57
Local clock offset: 3.403 ms
Remote clock offset: -3.529 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.30 Mbit/s
95th percentile per-packet one-way delay: 15.371 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 21.19 Mbit/s
95th percentile per-packet one-way delay: 12.211 ms
Loss rate: 1.72%
-- Flow 2:
Average throughput: 18.56 Mbit/s
95th percentile per-packet one-way delay: 23.856 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 17.52 Mbit/s
95th percentile per-packet one-way delay: 17.004 ms
Loss rate: 3.08%

Run 1: Report of QUIC Cubic — Data Link

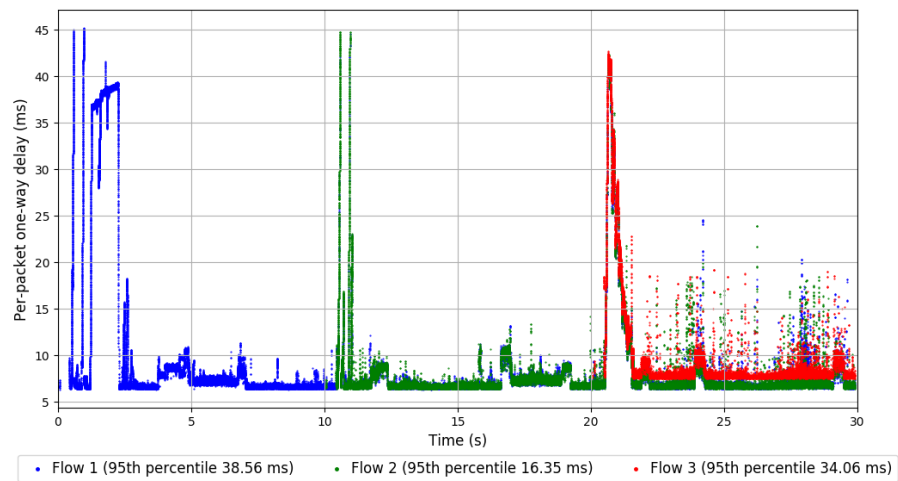
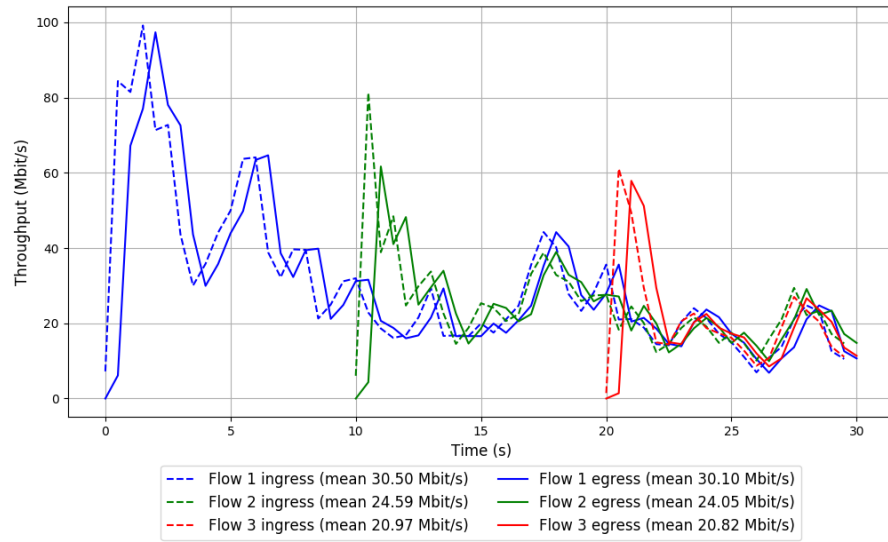


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-10 04:06:12
End at: 2018-07-10 04:06:42
Local clock offset: 2.769 ms
Remote clock offset: -8.552 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.95 Mbit/s
95th percentile per-packet one-way delay: 37.871 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 30.10 Mbit/s
95th percentile per-packet one-way delay: 38.557 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 16.351 ms
Loss rate: 2.22%
-- Flow 3:
Average throughput: 20.82 Mbit/s
95th percentile per-packet one-way delay: 34.061 ms
Loss rate: 0.72%

Run 2: Report of QUIC Cubic — Data Link

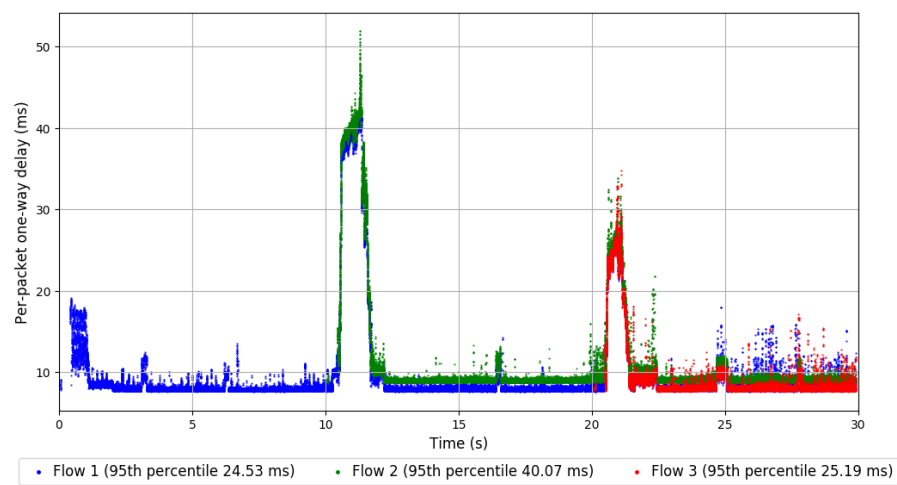
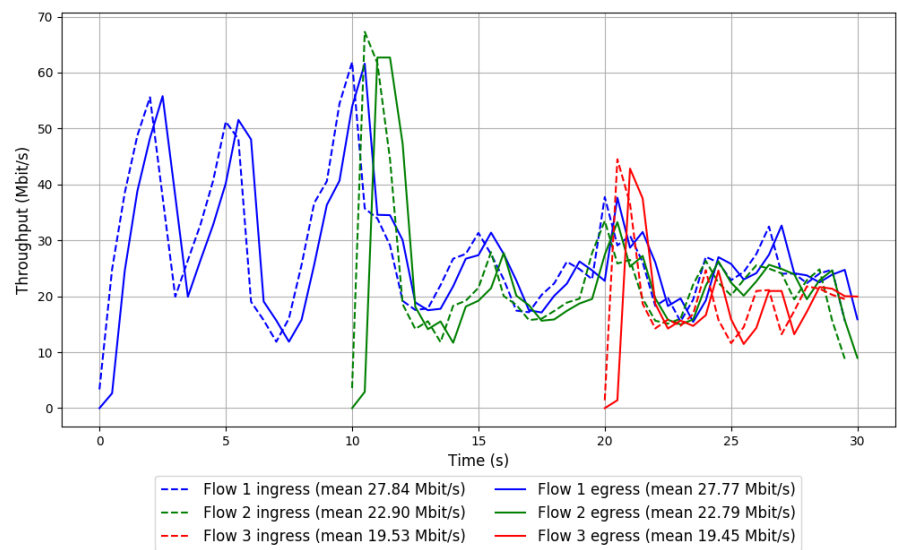


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-10 04:26:35
End at: 2018-07-10 04:27:05
Local clock offset: 1.703 ms
Remote clock offset: -2.859 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.34 Mbit/s
95th percentile per-packet one-way delay: 36.913 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 27.77 Mbit/s
95th percentile per-packet one-way delay: 24.531 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 40.069 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 19.45 Mbit/s
95th percentile per-packet one-way delay: 25.193 ms
Loss rate: 0.42%

Run 3: Report of QUIC Cubic — Data Link

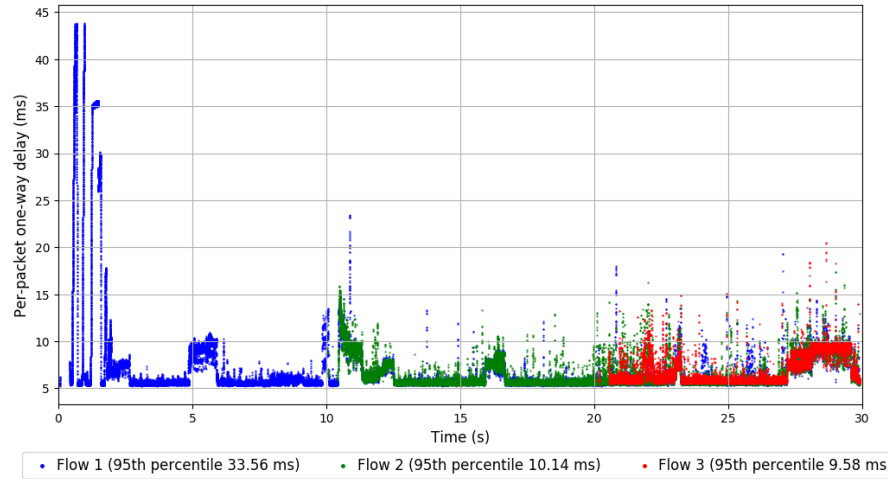
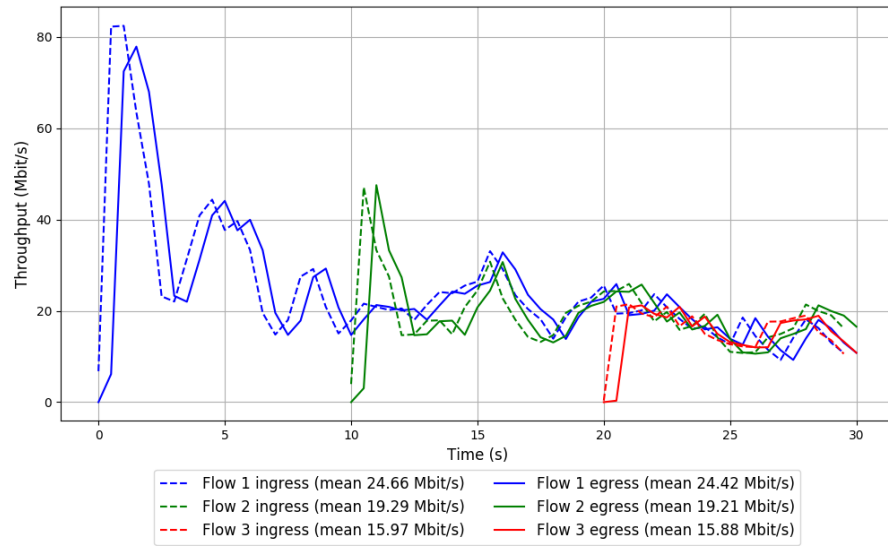


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-10 04:46:39
End at: 2018-07-10 04:47:09
Local clock offset: 4.272 ms
Remote clock offset: -2.358 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 42.43 Mbit/s
95th percentile per-packet one-way delay: 14.030 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 33.565 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 19.21 Mbit/s
95th percentile per-packet one-way delay: 10.136 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 9.583 ms
Loss rate: 0.58%

Run 4: Report of QUIC Cubic — Data Link

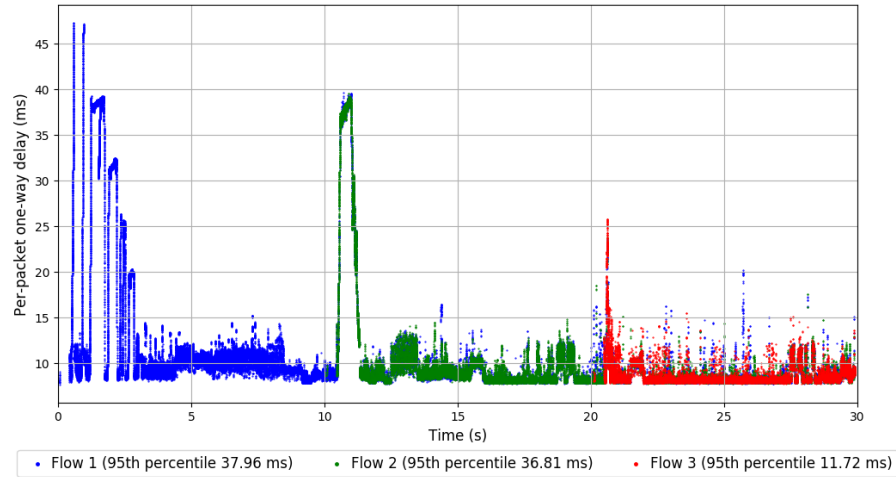
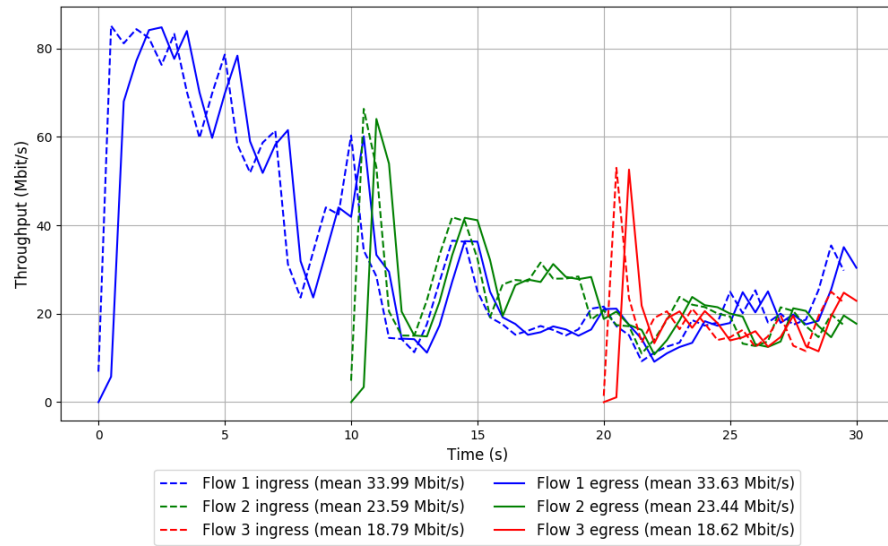


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-10 05:07:18
End at: 2018-07-10 05:07:48
Local clock offset: 1.806 ms
Remote clock offset: -2.261 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.35 Mbit/s
95th percentile per-packet one-way delay: 36.744 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 33.63 Mbit/s
95th percentile per-packet one-way delay: 37.957 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 36.815 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 18.62 Mbit/s
95th percentile per-packet one-way delay: 11.717 ms
Loss rate: 0.91%

Run 5: Report of QUIC Cubic — Data Link

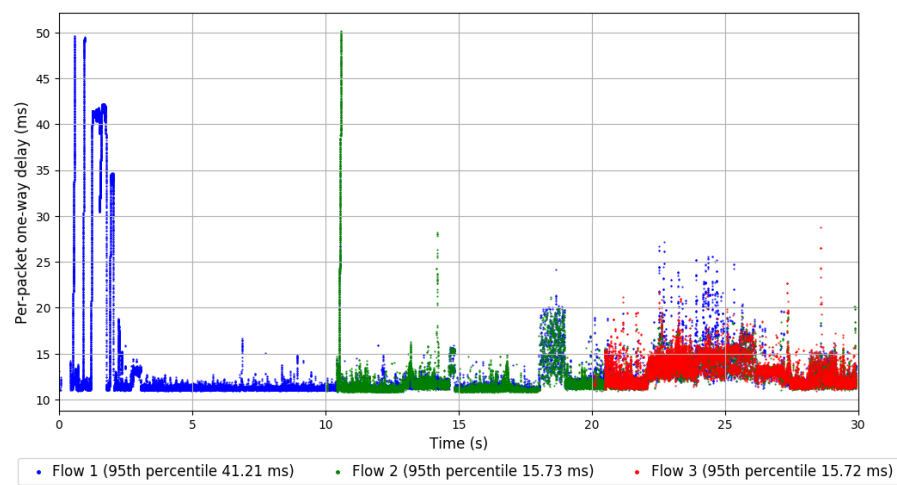
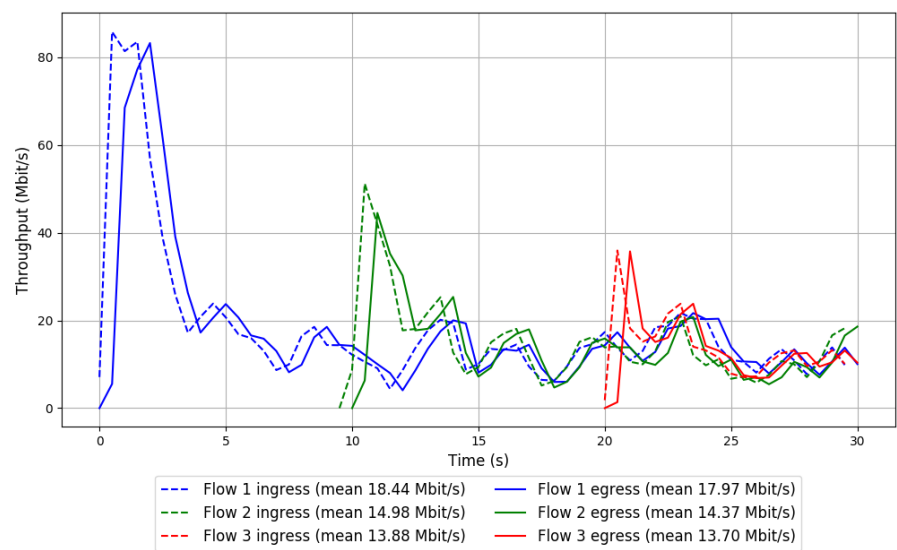


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-10 05:28:17
End at: 2018-07-10 05:28:47
Local clock offset: 1.421 ms
Remote clock offset: -0.824 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.06 Mbit/s
95th percentile per-packet one-way delay: 40.161 ms
Loss rate: 2.84%
-- Flow 1:
Average throughput: 17.97 Mbit/s
95th percentile per-packet one-way delay: 41.207 ms
Loss rate: 2.55%
-- Flow 2:
Average throughput: 14.37 Mbit/s
95th percentile per-packet one-way delay: 15.734 ms
Loss rate: 4.07%
-- Flow 3:
Average throughput: 13.70 Mbit/s
95th percentile per-packet one-way delay: 15.717 ms
Loss rate: 1.31%

Run 6: Report of QUIC Cubic — Data Link

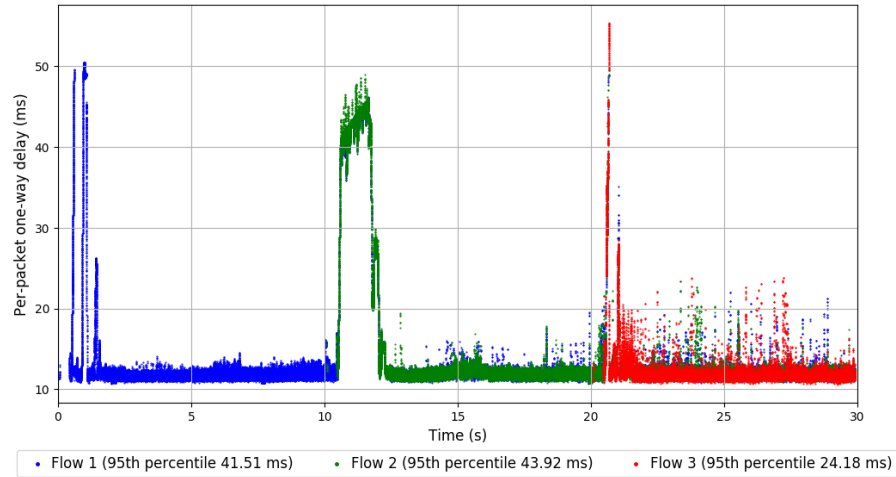
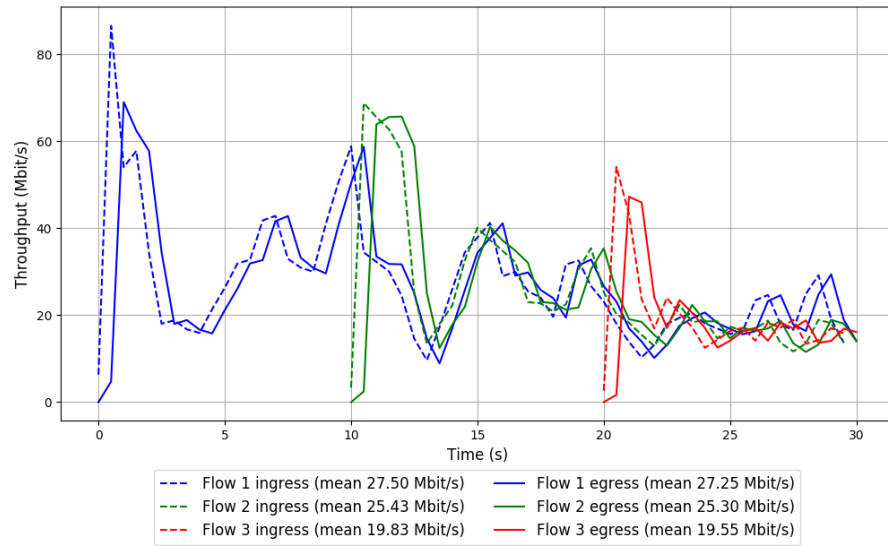


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-10 05:49:30
End at: 2018-07-10 05:50:00
Local clock offset: 0.742 ms
Remote clock offset: -1.955 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.54 Mbit/s
95th percentile per-packet one-way delay: 42.856 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 27.25 Mbit/s
95th percentile per-packet one-way delay: 41.511 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 25.30 Mbit/s
95th percentile per-packet one-way delay: 43.921 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 19.55 Mbit/s
95th percentile per-packet one-way delay: 24.182 ms
Loss rate: 1.39%

Run 7: Report of QUIC Cubic — Data Link

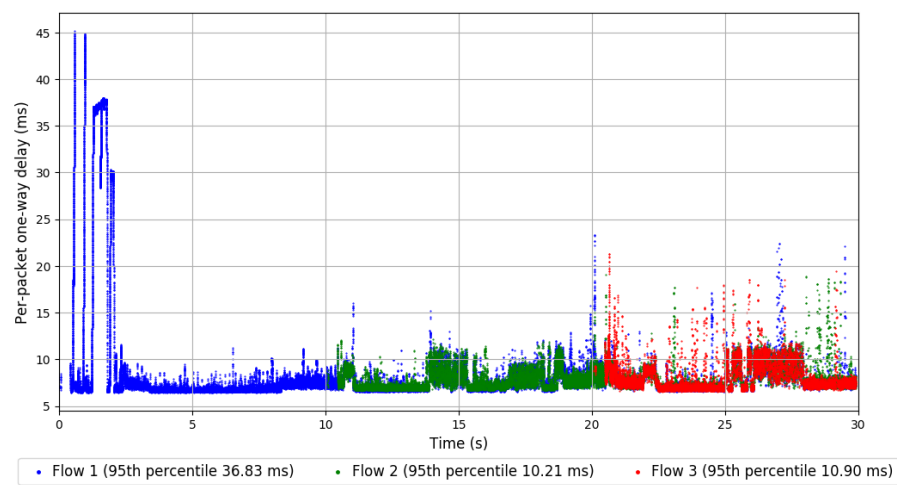
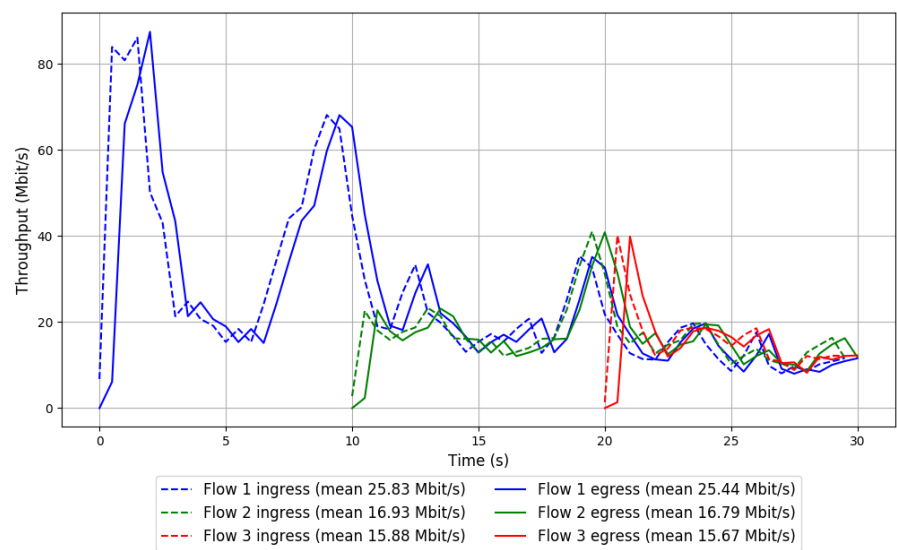


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-10 06:09:51
End at: 2018-07-10 06:10:21
Local clock offset: 0.822 ms
Remote clock offset: -14.307 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.77 Mbit/s
95th percentile per-packet one-way delay: 29.783 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 25.44 Mbit/s
95th percentile per-packet one-way delay: 36.832 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 16.79 Mbit/s
95th percentile per-packet one-way delay: 10.212 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 10.896 ms
Loss rate: 1.33%

Run 8: Report of QUIC Cubic — Data Link

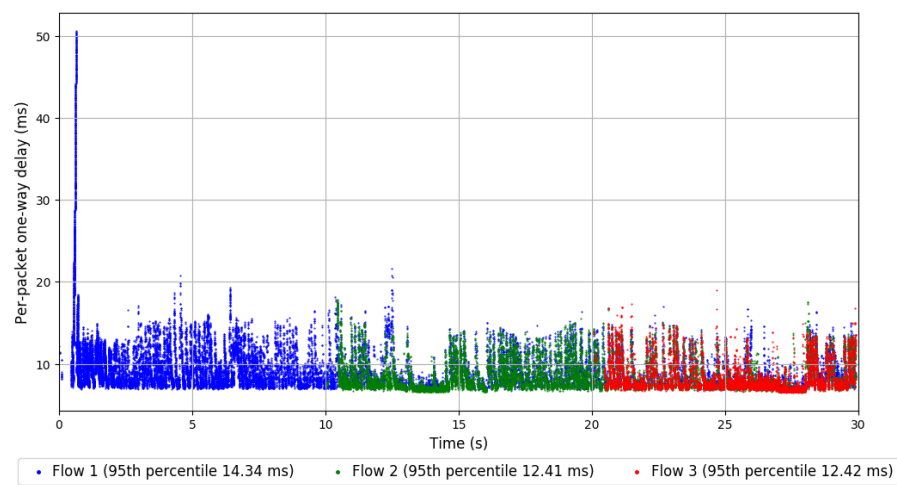
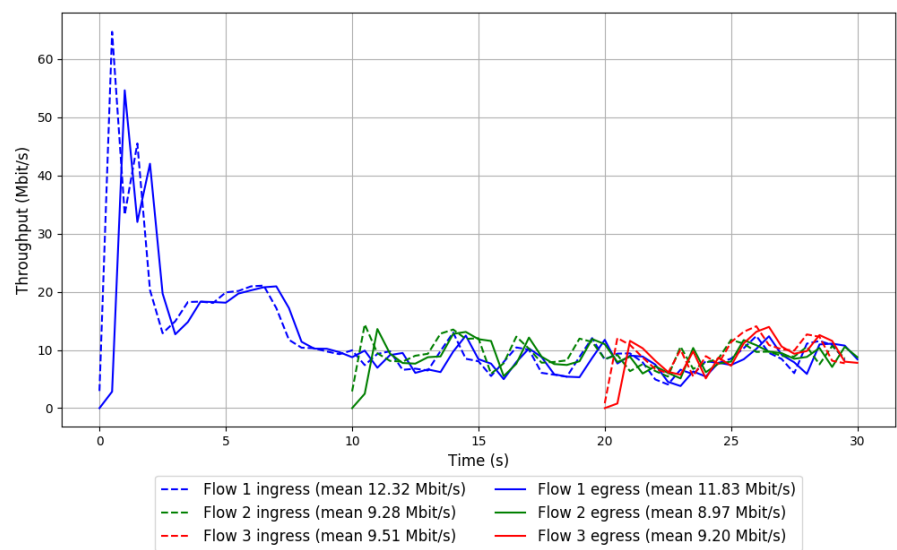


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-10 06:30:17
End at: 2018-07-10 06:30:47
Local clock offset: 0.597 ms
Remote clock offset: -14.333 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.83 Mbit/s
95th percentile per-packet one-way delay: 13.441 ms
Loss rate: 3.69%
-- Flow 1:
Average throughput: 11.83 Mbit/s
95th percentile per-packet one-way delay: 14.342 ms
Loss rate: 3.99%
-- Flow 2:
Average throughput: 8.97 Mbit/s
95th percentile per-packet one-way delay: 12.412 ms
Loss rate: 3.36%
-- Flow 3:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 12.424 ms
Loss rate: 3.17%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-07-10 06:50:28

End at: 2018-07-10 06:50:58

Local clock offset: 1.404 ms

Remote clock offset: -8.16 ms

Below is generated by plot.py at 2018-07-10 07:19:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 31.11 Mbit/s

95th percentile per-packet one-way delay: 15.706 ms

Loss rate: 3.07%

-- Flow 1:

Average throughput: 16.30 Mbit/s

95th percentile per-packet one-way delay: 15.408 ms

Loss rate: 2.87%

-- Flow 2:

Average throughput: 13.65 Mbit/s

95th percentile per-packet one-way delay: 15.008 ms

Loss rate: 1.54%

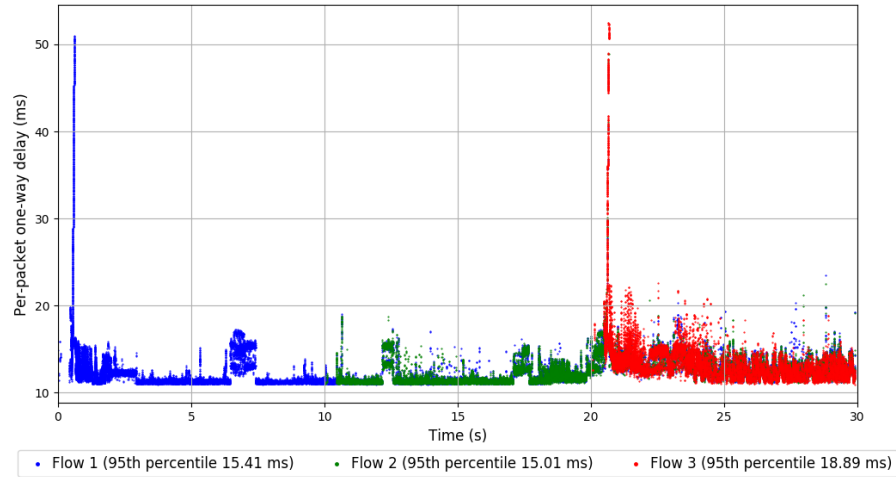
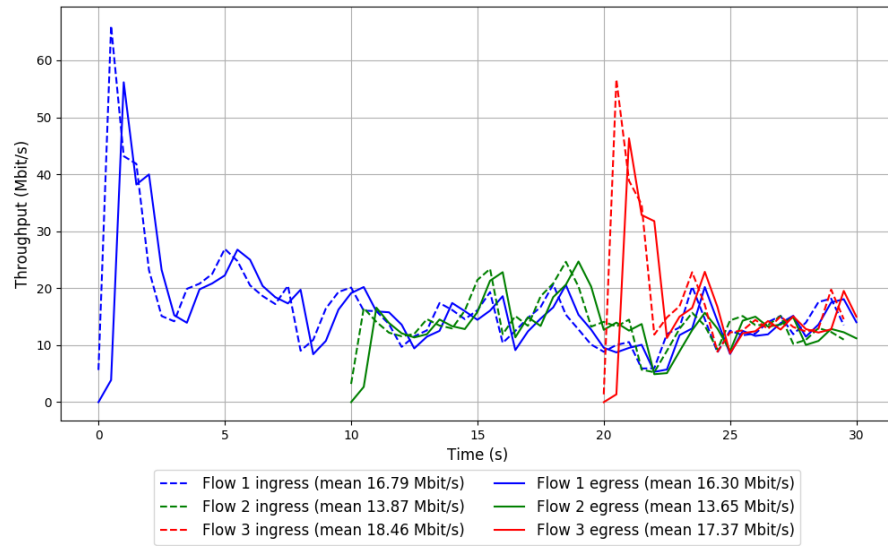
-- Flow 3:

Average throughput: 17.37 Mbit/s

95th percentile per-packet one-way delay: 18.890 ms

Loss rate: 5.95%

Run 10: Report of QUIC Cubic — Data Link

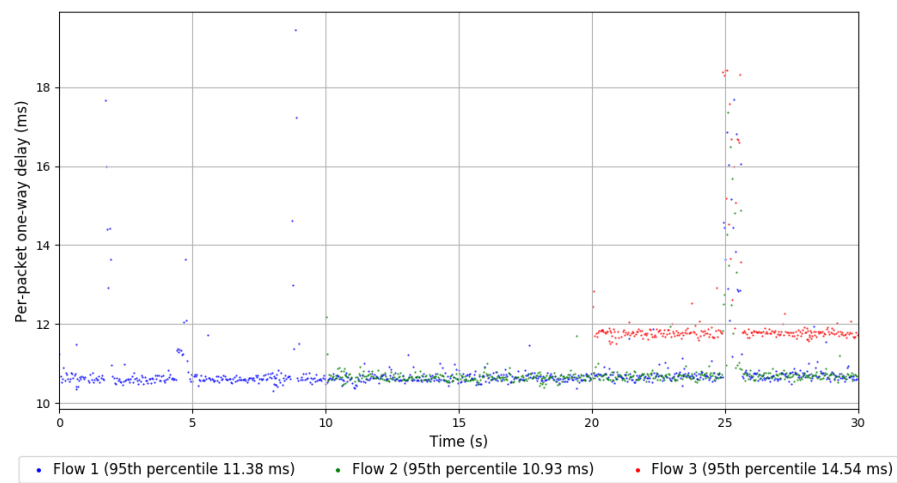
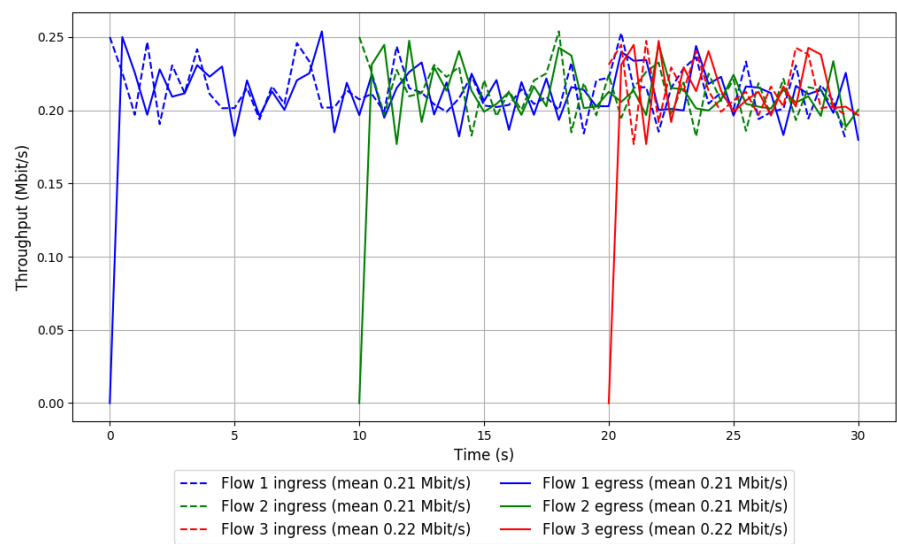


Run 1: Statistics of SCReAM

Start at: 2018-07-10 03:49:14
End at: 2018-07-10 03:49:44
Local clock offset: 1.658 ms
Remote clock offset: -4.325 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 11.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.380 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.931 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.541 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

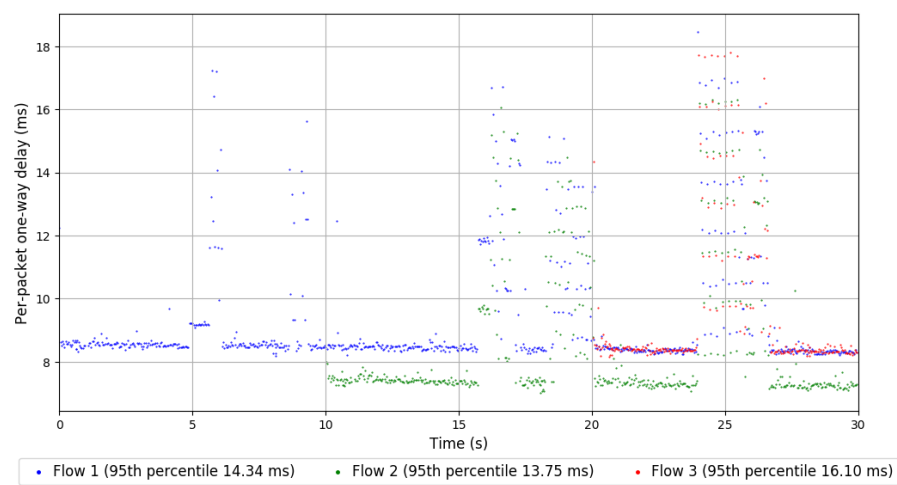
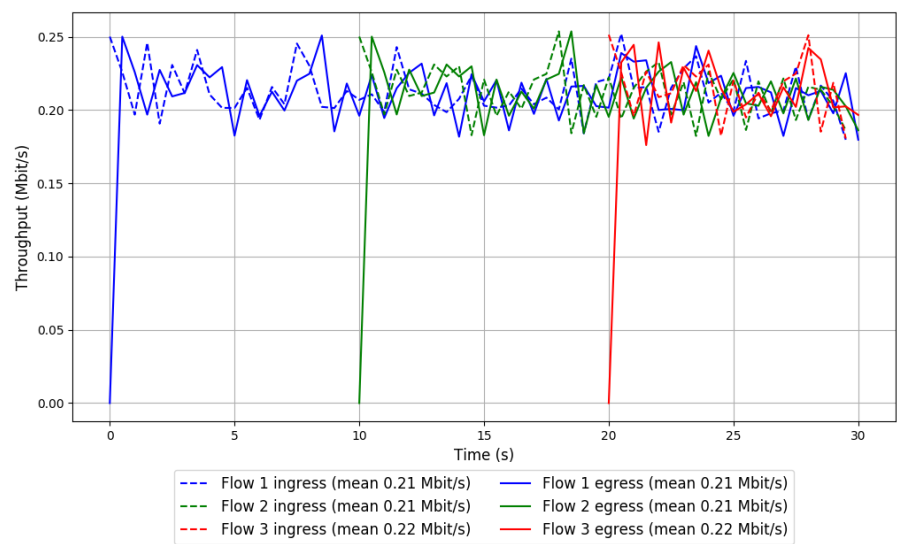


Run 2: Statistics of SReAM

Start at: 2018-07-10 04:09:59
End at: 2018-07-10 04:10:29
Local clock offset: 2.981 ms
Remote clock offset: -6.025 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 14.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.343 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.749 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 16.097 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

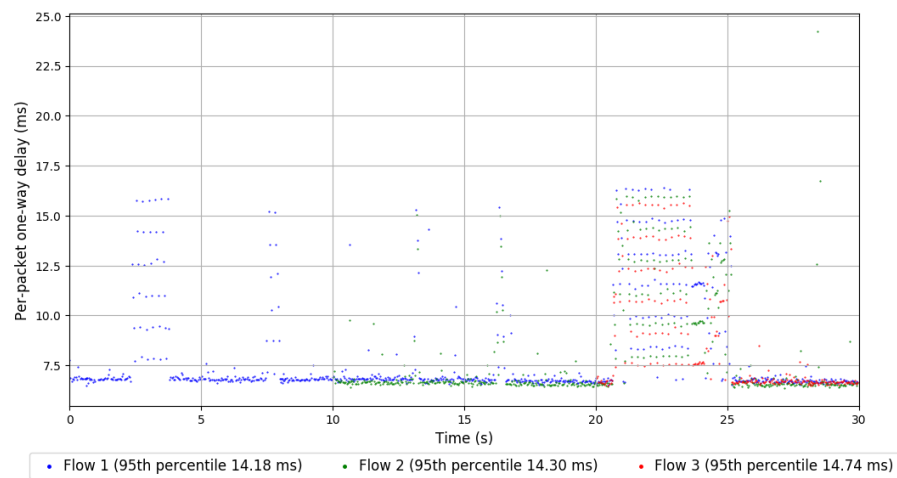
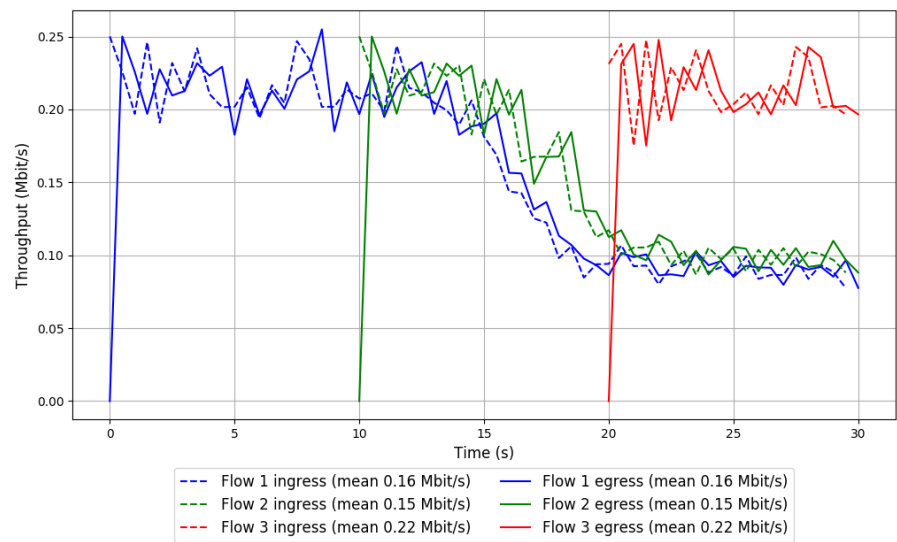


Run 3: Statistics of SReAM

Start at: 2018-07-10 04:30:16
End at: 2018-07-10 04:30:46
Local clock offset: 3.085 ms
Remote clock offset: -2.425 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 14.304 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 14.177 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 14.304 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.745 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-07-10 04:50:30

End at: 2018-07-10 04:51:00

Local clock offset: 0.869 ms

Remote clock offset: -2.51 ms

Below is generated by plot.py at 2018-07-10 07:19:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.34 Mbit/s

95th percentile per-packet one-way delay: 15.589 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: 15.775 ms

Loss rate: 0.43%

-- Flow 2:

Average throughput: 0.15 Mbit/s

95th percentile per-packet one-way delay: 15.505 ms

Loss rate: 0.29%

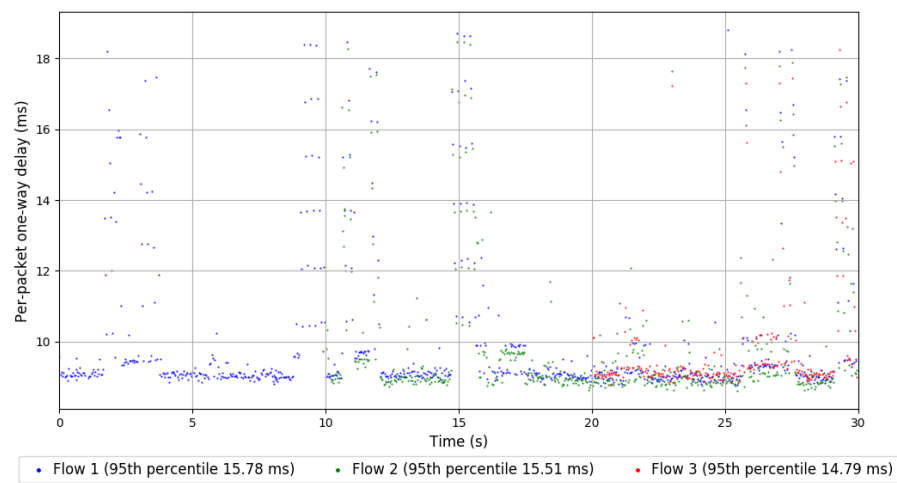
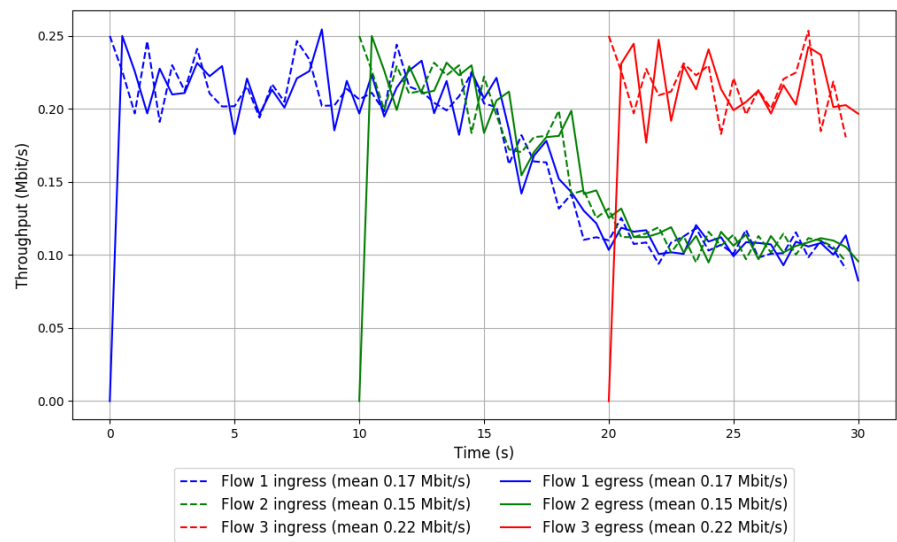
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 14.791 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-07-10 05:11:20

End at: 2018-07-10 05:11:50

Local clock offset: 3.174 ms

Remote clock offset: 0.456 ms

Below is generated by plot.py at 2018-07-10 07:19:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 16.482 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 16.482 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 16.468 ms

Loss rate: 0.00%

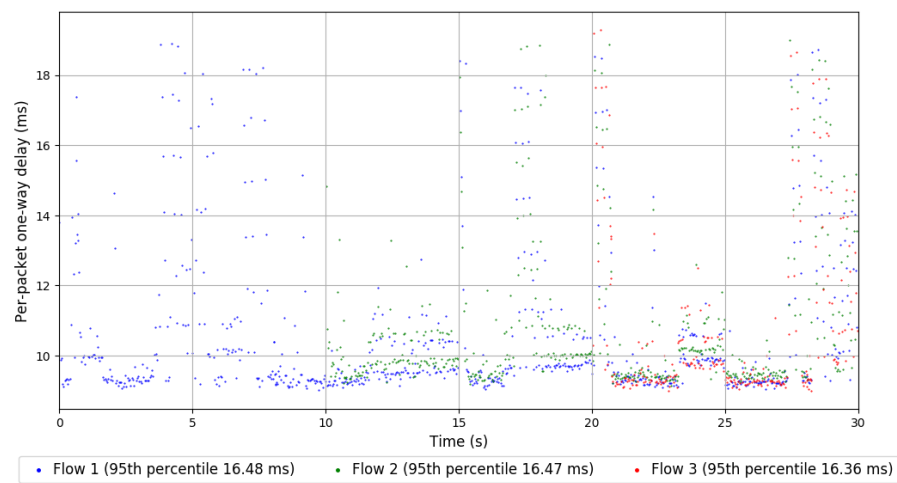
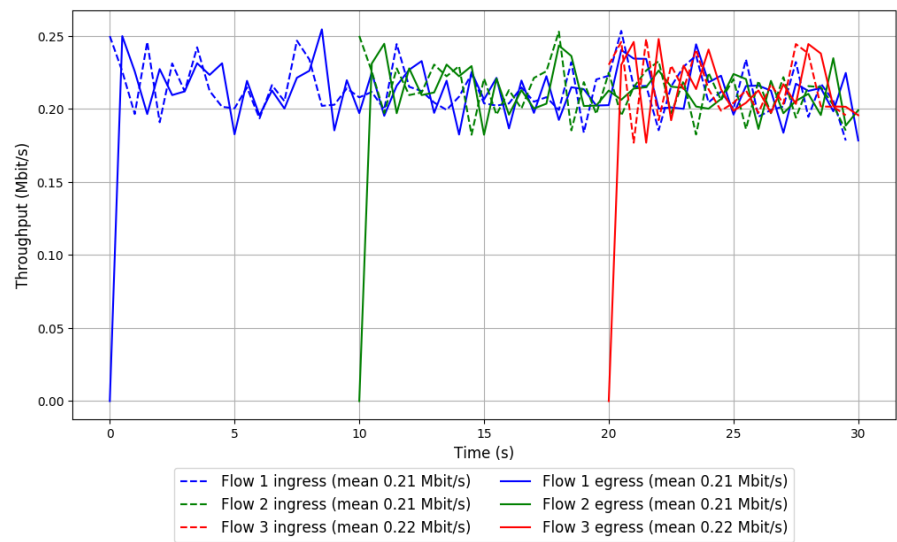
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 16.363 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-07-10 05:32:19

End at: 2018-07-10 05:32:49

Local clock offset: 0.799 ms

Remote clock offset: -1.99 ms

Below is generated by plot.py at 2018-07-10 07:19:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.24 Mbit/s

95th percentile per-packet one-way delay: 17.850 ms

Loss rate: 0.67%

-- Flow 1:

Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 17.667 ms

Loss rate: 0.98%

-- Flow 2:

Average throughput: 0.10 Mbit/s

95th percentile per-packet one-way delay: 17.982 ms

Loss rate: 0.89%

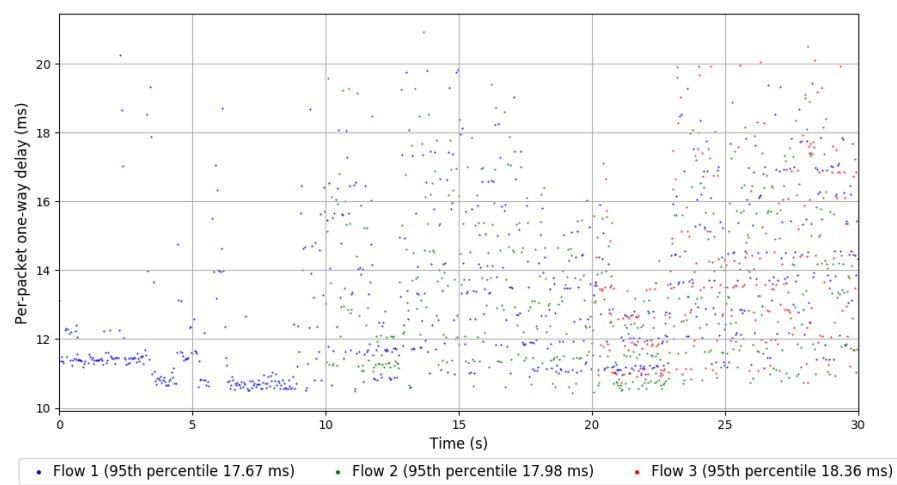
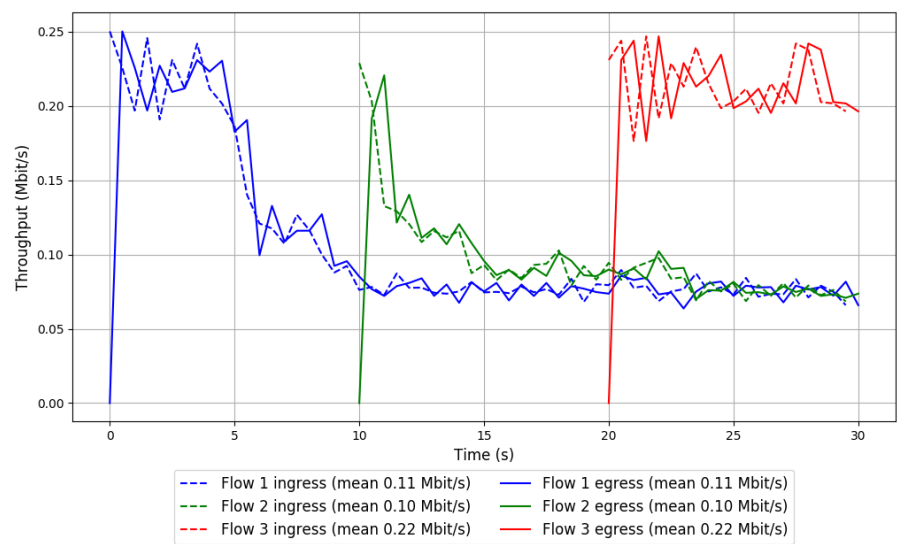
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 18.361 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

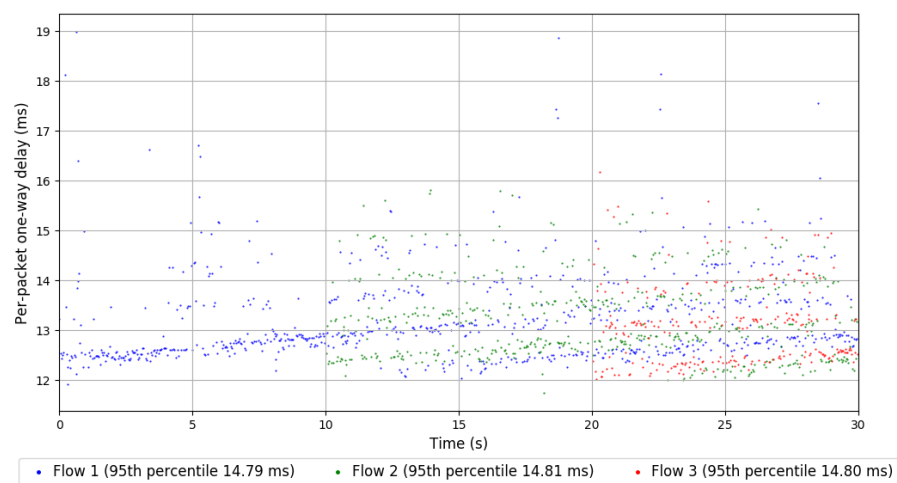
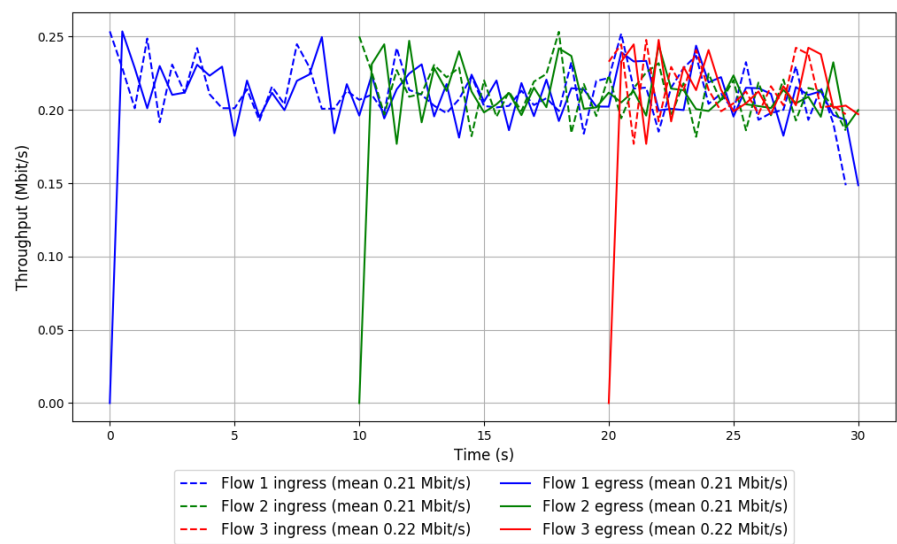


Run 7: Statistics of SReAM

Start at: 2018-07-10 05:53:13
End at: 2018-07-10 05:53:43
Local clock offset: -0.246 ms
Remote clock offset: -4.23 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 14.812 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.792 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.812 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.797 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

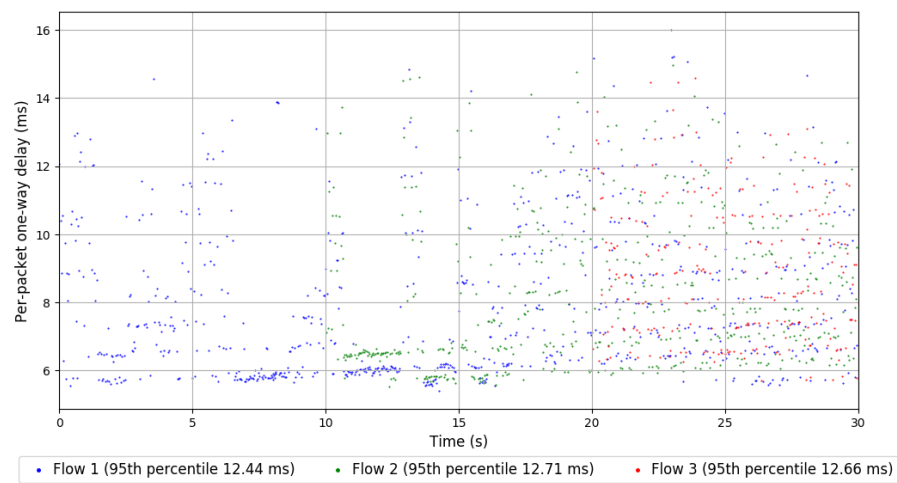
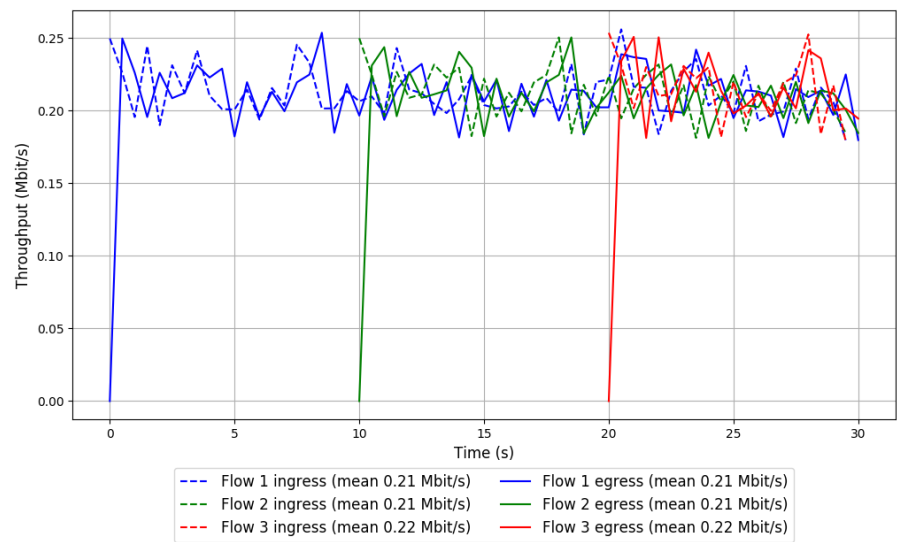


Run 8: Statistics of SReAM

Start at: 2018-07-10 06:13:36
End at: 2018-07-10 06:14:06
Local clock offset: 2.155 ms
Remote clock offset: -14.913 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 12.664 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.442 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.705 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 12.664 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

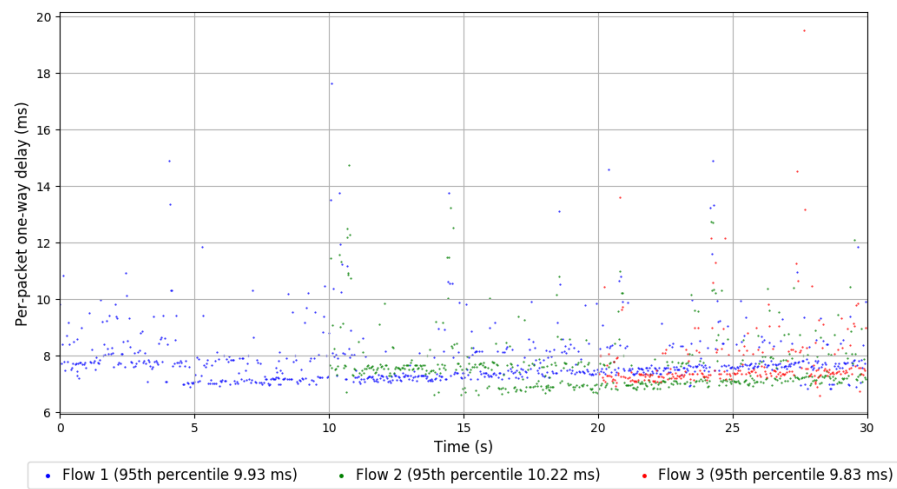
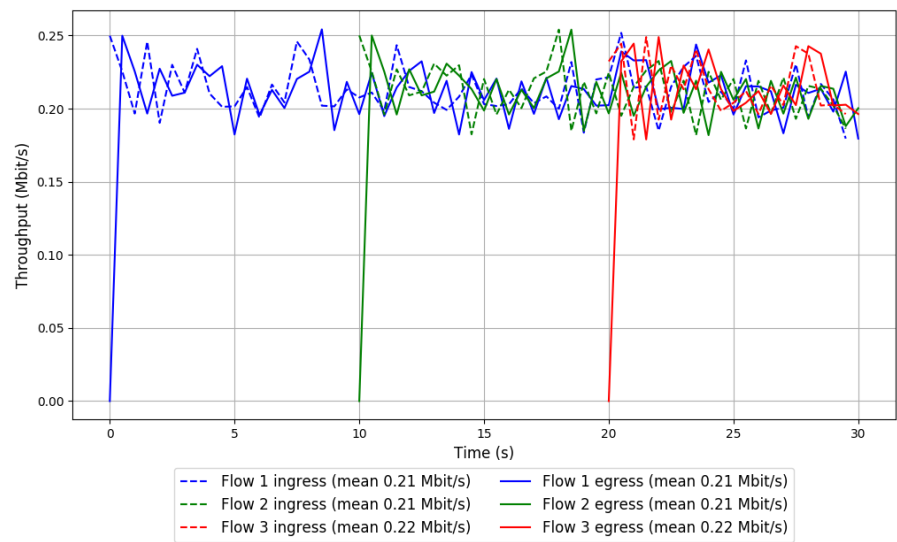


Run 9: Statistics of SReAM

Start at: 2018-07-10 06:34:00
End at: 2018-07-10 06:34:30
Local clock offset: 0.435 ms
Remote clock offset: -13.839 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 10.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.927 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.218 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 9.826 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

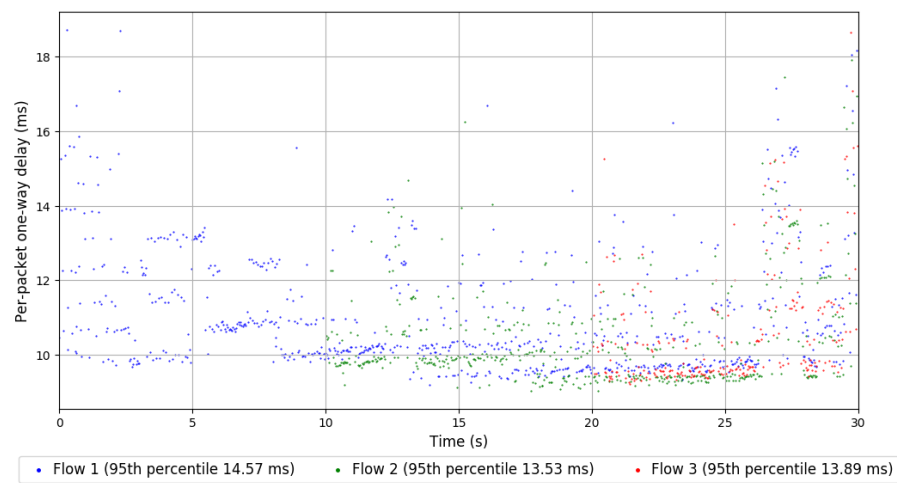
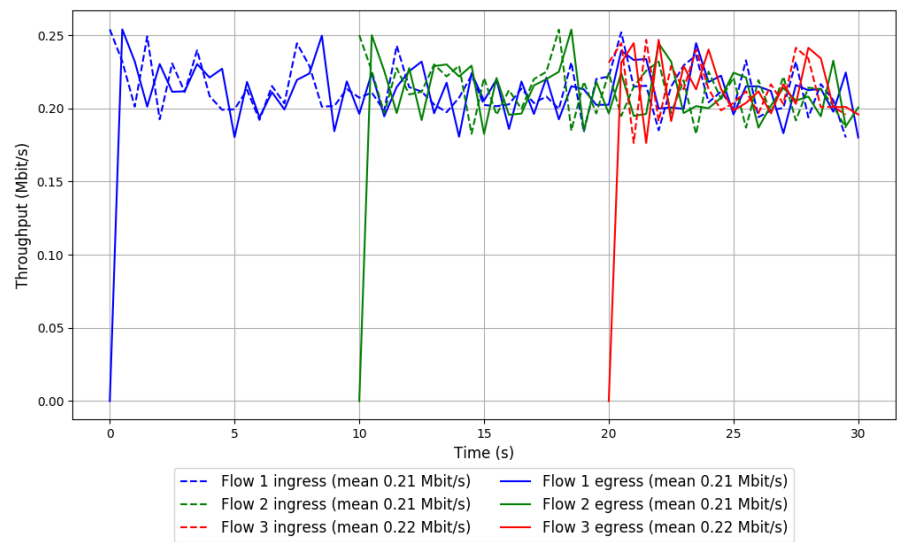


Run 10: Statistics of SReAM

Start at: 2018-07-10 06:54:20
End at: 2018-07-10 06:54:50
Local clock offset: 1.734 ms
Remote clock offset: -9.916 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 13.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.570 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.525 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.891 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

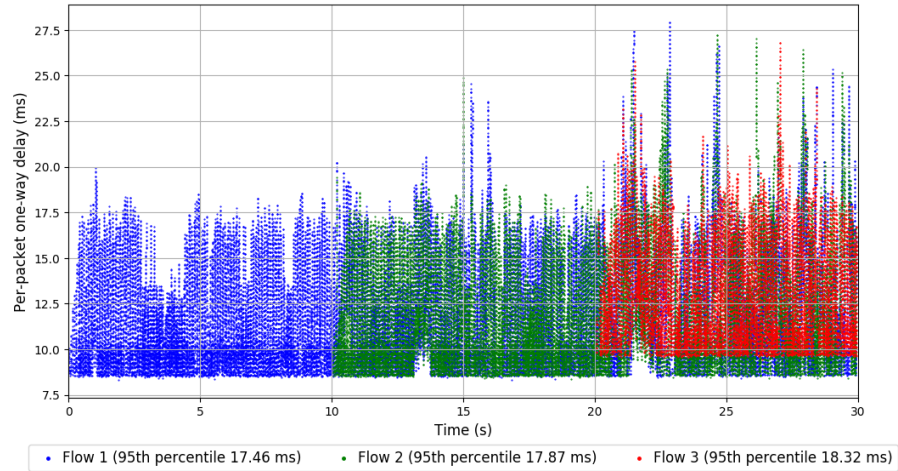
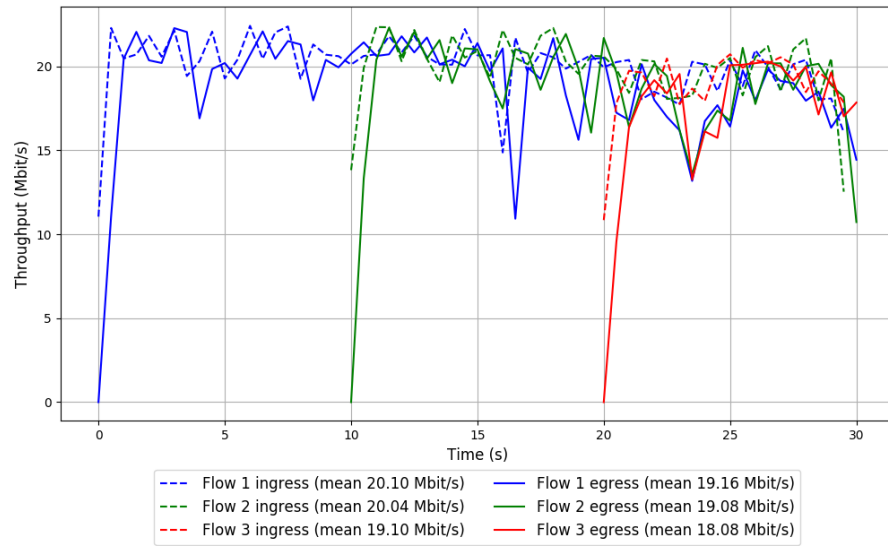


Run 1: Statistics of Sprout

Start at: 2018-07-10 03:37:11
End at: 2018-07-10 03:37:41
Local clock offset: 3.116 ms
Remote clock offset: -3.504 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.82 Mbit/s
95th percentile per-packet one-way delay: 17.813 ms
Loss rate: 4.79%
-- Flow 1:
Average throughput: 19.16 Mbit/s
95th percentile per-packet one-way delay: 17.464 ms
Loss rate: 4.63%
-- Flow 2:
Average throughput: 19.08 Mbit/s
95th percentile per-packet one-way delay: 17.872 ms
Loss rate: 4.78%
-- Flow 3:
Average throughput: 18.08 Mbit/s
95th percentile per-packet one-way delay: 18.323 ms
Loss rate: 5.35%

Run 1: Report of Sprout — Data Link

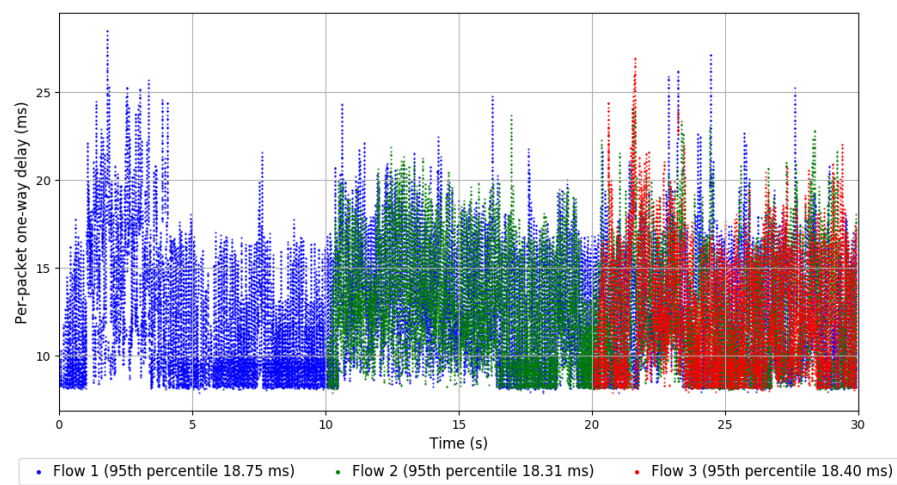
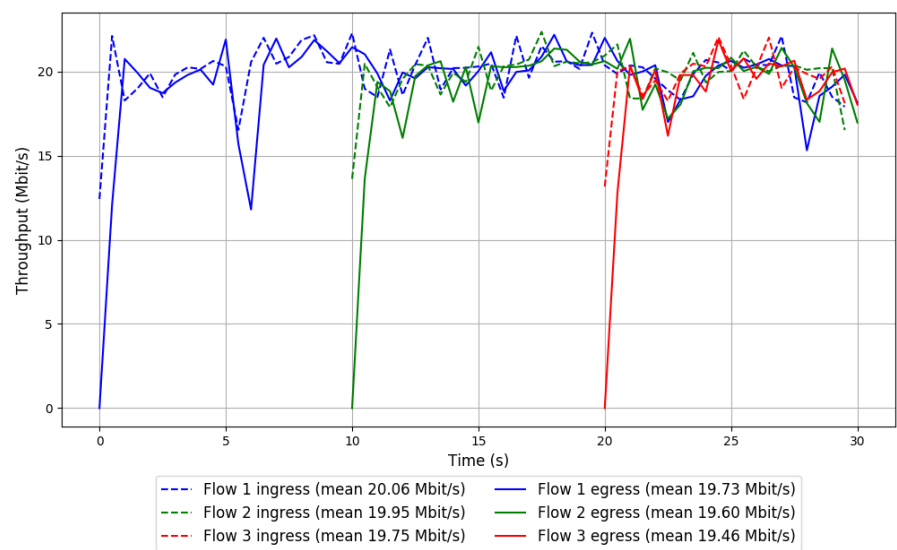


Run 2: Statistics of Sprout

Start at: 2018-07-10 03:57:52
End at: 2018-07-10 03:58:22
Local clock offset: 2.397 ms
Remote clock offset: -6.676 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.19 Mbit/s
95th percentile per-packet one-way delay: 18.530 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 19.73 Mbit/s
95th percentile per-packet one-way delay: 18.749 ms
Loss rate: 1.62%
-- Flow 2:
Average throughput: 19.60 Mbit/s
95th percentile per-packet one-way delay: 18.313 ms
Loss rate: 1.71%
-- Flow 3:
Average throughput: 19.46 Mbit/s
95th percentile per-packet one-way delay: 18.402 ms
Loss rate: 1.39%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-07-10 04:18:22

End at: 2018-07-10 04:18:52

Local clock offset: 3.149 ms

Remote clock offset: -4.04 ms

Below is generated by plot.py at 2018-07-10 07:19:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 38.80 Mbit/s

95th percentile per-packet one-way delay: 17.598 ms

Loss rate: 2.32%

-- Flow 1:

Average throughput: 19.87 Mbit/s

95th percentile per-packet one-way delay: 17.056 ms

Loss rate: 2.06%

-- Flow 2:

Average throughput: 19.05 Mbit/s

95th percentile per-packet one-way delay: 17.420 ms

Loss rate: 2.57%

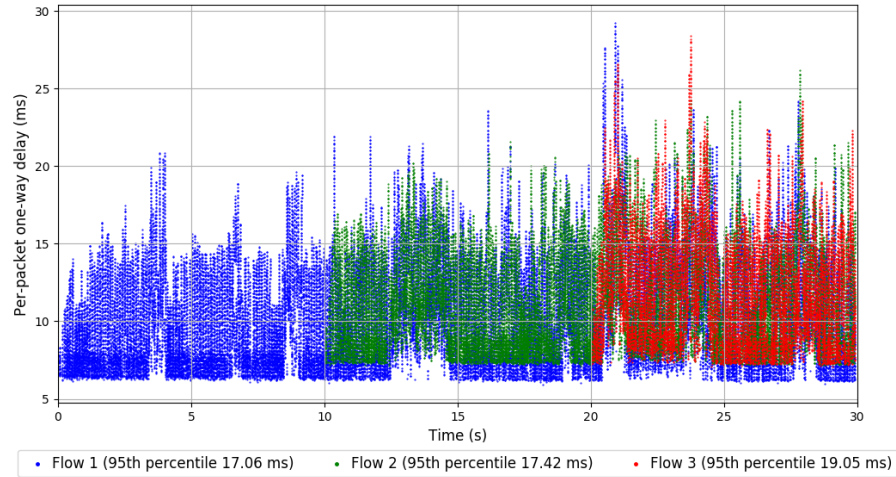
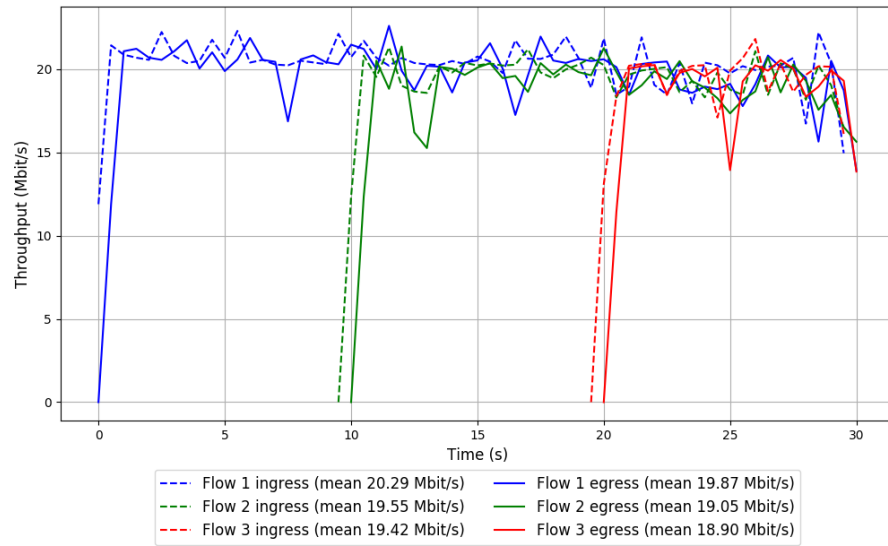
-- Flow 3:

Average throughput: 18.90 Mbit/s

95th percentile per-packet one-way delay: 19.054 ms

Loss rate: 2.64%

Run 3: Report of Sprout — Data Link

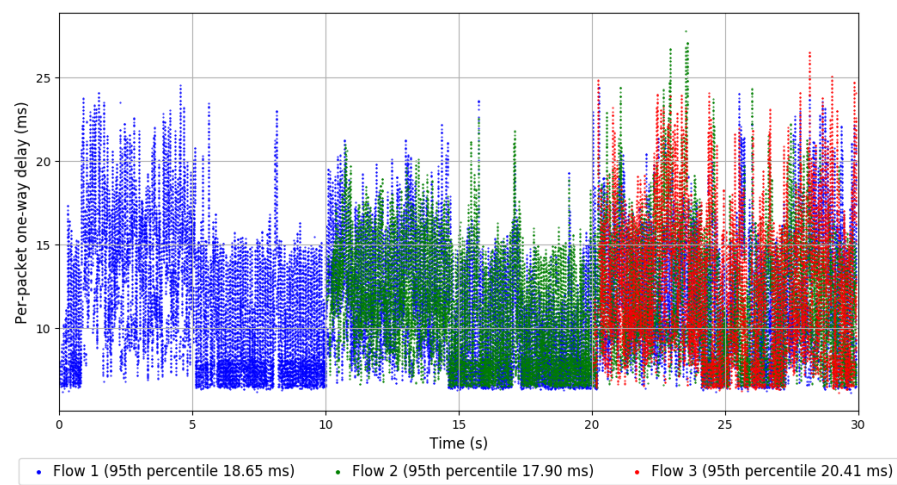
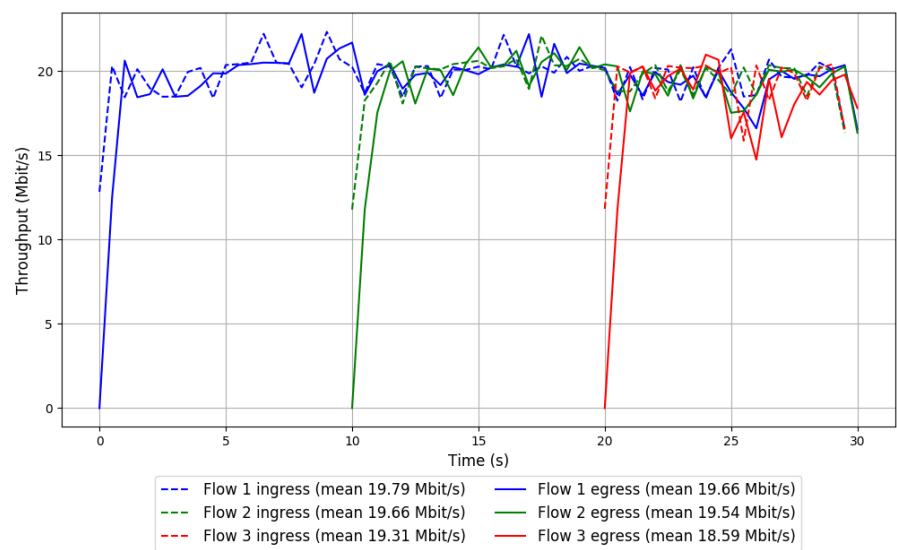


Run 4: Statistics of Sprout

Start at: 2018-07-10 04:38:25
End at: 2018-07-10 04:38:55
Local clock offset: 3.325 ms
Remote clock offset: -2.039 ms

```
# Below is generated by plot.py at 2018-07-10 07:19:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.80 Mbit/s
95th percentile per-packet one-way delay: 18.807 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 19.66 Mbit/s
95th percentile per-packet one-way delay: 18.649 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 19.54 Mbit/s
95th percentile per-packet one-way delay: 17.902 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 18.59 Mbit/s
95th percentile per-packet one-way delay: 20.408 ms
Loss rate: 3.57%
```

Run 4: Report of Sprout — Data Link

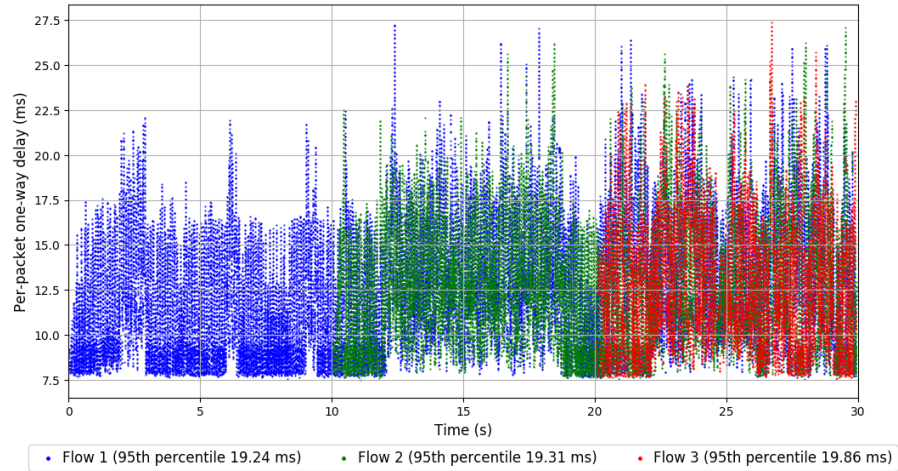
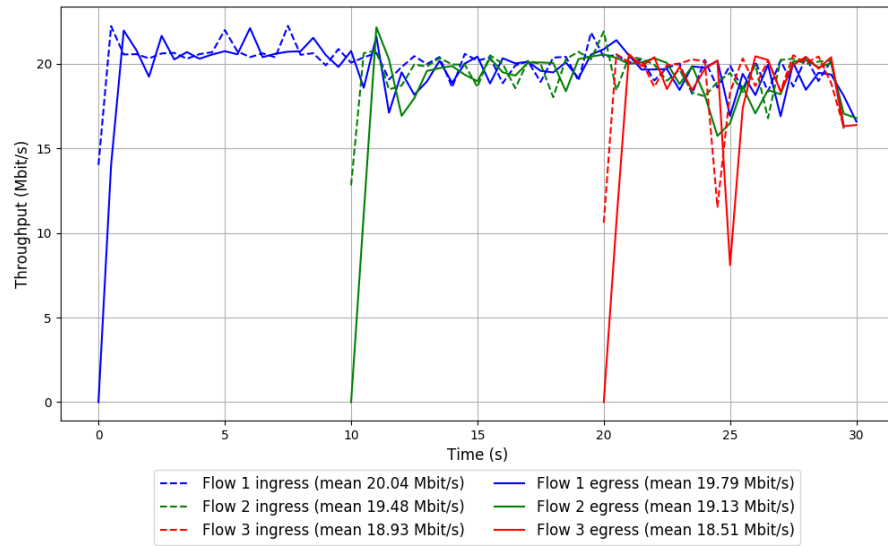


Run 5: Statistics of Sprout

Start at: 2018-07-10 04:58:58
End at: 2018-07-10 04:59:28
Local clock offset: 2.121 ms
Remote clock offset: -2.476 ms

Below is generated by plot.py at 2018-07-10 07:19:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.61 Mbit/s
95th percentile per-packet one-way delay: 19.365 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 19.79 Mbit/s
95th percentile per-packet one-way delay: 19.244 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 19.13 Mbit/s
95th percentile per-packet one-way delay: 19.308 ms
Loss rate: 1.80%
-- Flow 3:
Average throughput: 18.51 Mbit/s
95th percentile per-packet one-way delay: 19.856 ms
Loss rate: 2.20%

Run 5: Report of Sprout — Data Link

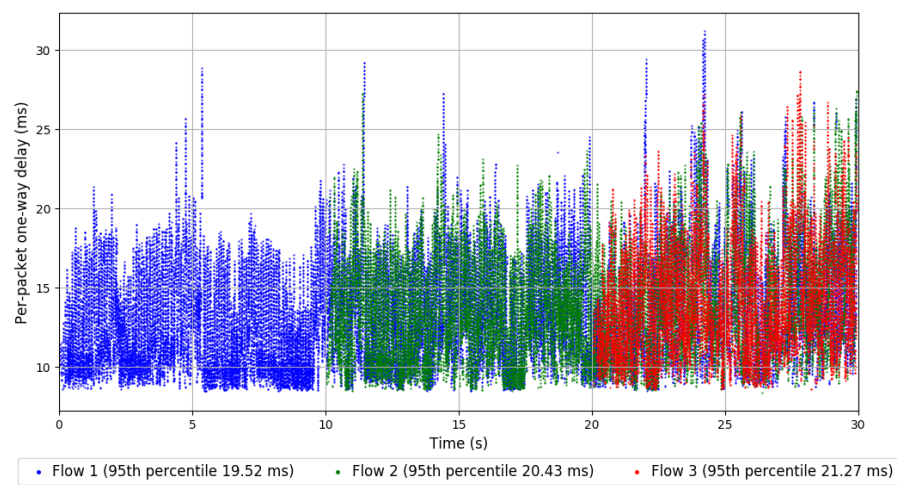
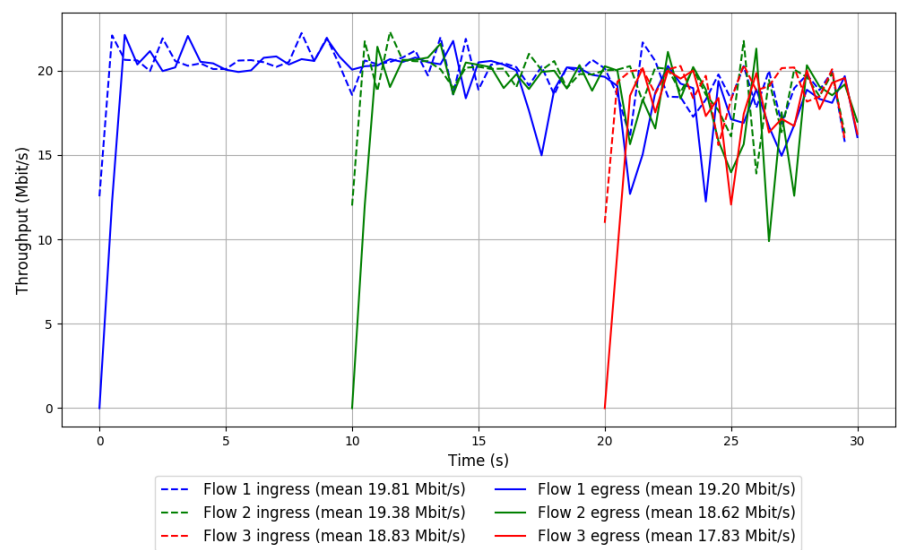


Run 6: Statistics of Sprout

Start at: 2018-07-10 05:19:59
End at: 2018-07-10 05:20:29
Local clock offset: 2.385 ms
Remote clock offset: -1.521 ms

```
# Below is generated by plot.py at 2018-07-10 07:19:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.48 Mbit/s
95th percentile per-packet one-way delay: 20.152 ms
Loss rate: 3.66%
-- Flow 1:
Average throughput: 19.20 Mbit/s
95th percentile per-packet one-way delay: 19.516 ms
Loss rate: 3.05%
-- Flow 2:
Average throughput: 18.62 Mbit/s
95th percentile per-packet one-way delay: 20.435 ms
Loss rate: 3.84%
-- Flow 3:
Average throughput: 17.83 Mbit/s
95th percentile per-packet one-way delay: 21.271 ms
Loss rate: 5.21%
```


Run 6: Report of Sprout — Data Link

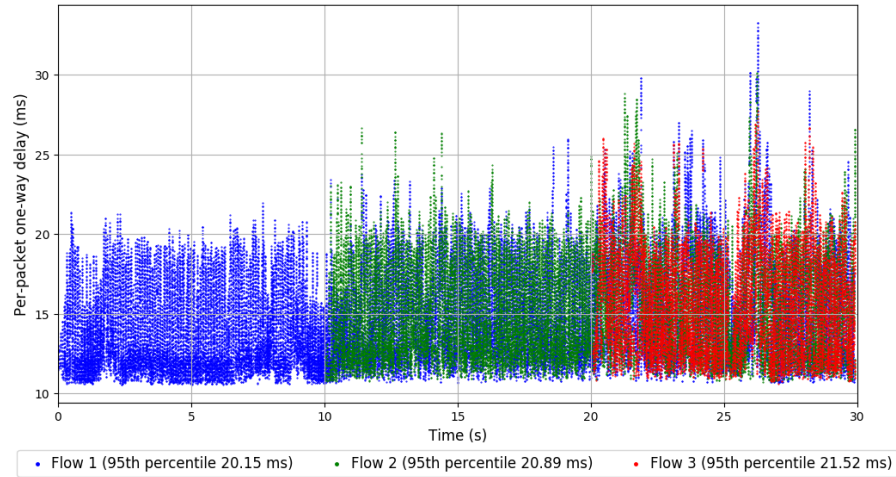
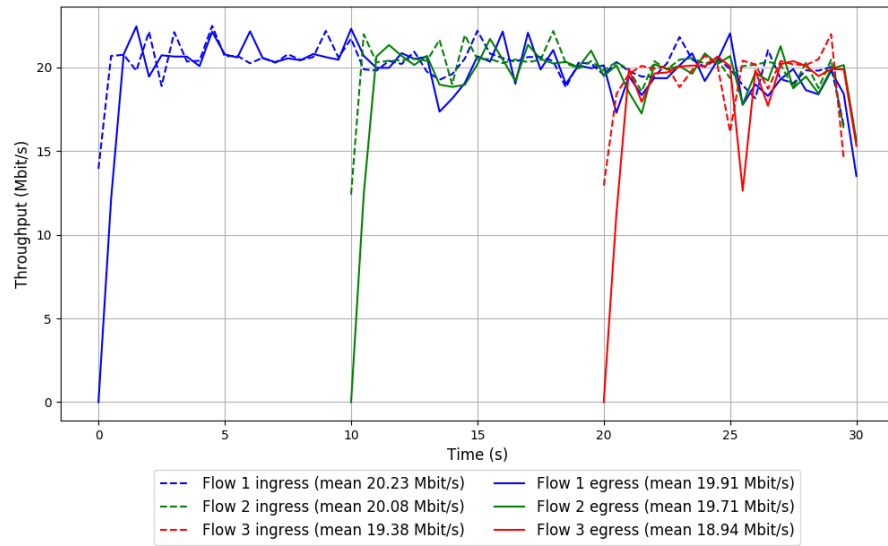


Run 7: Statistics of Sprout

Start at: 2018-07-10 05:40:58
End at: 2018-07-10 05:41:28
Local clock offset: 1.161 ms
Remote clock offset: -1.554 ms

Below is generated by plot.py at 2018-07-10 07:19:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 20.656 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 19.91 Mbit/s
95th percentile per-packet one-way delay: 20.146 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 19.71 Mbit/s
95th percentile per-packet one-way delay: 20.892 ms
Loss rate: 1.83%
-- Flow 3:
Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 21.525 ms
Loss rate: 2.32%

Run 7: Report of Sprout — Data Link

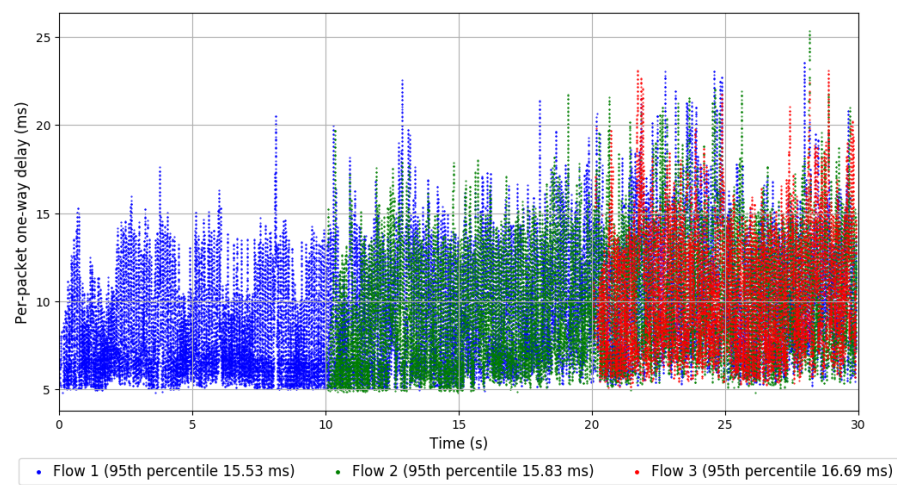
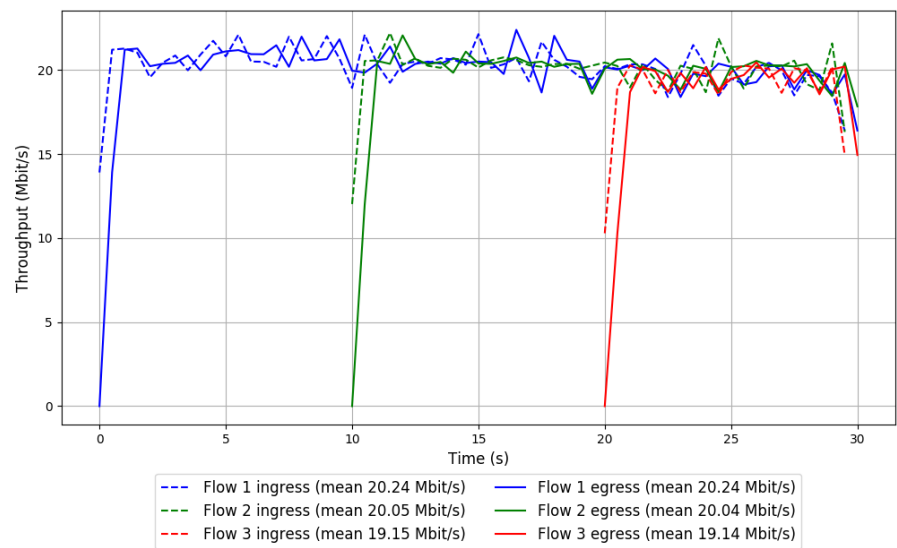


Run 8: Statistics of Sprout

Start at: 2018-07-10 06:01:47
End at: 2018-07-10 06:02:17
Local clock offset: 2.421 ms
Remote clock offset: -12.282 ms

Below is generated by plot.py at 2018-07-10 07:20:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.88 Mbit/s
95th percentile per-packet one-way delay: 15.838 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.24 Mbit/s
95th percentile per-packet one-way delay: 15.525 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 20.04 Mbit/s
95th percentile per-packet one-way delay: 15.829 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.14 Mbit/s
95th percentile per-packet one-way delay: 16.693 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

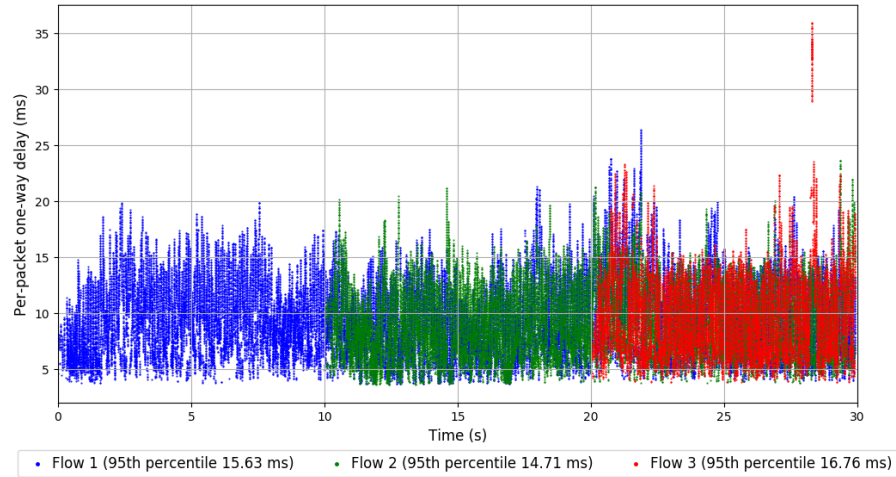
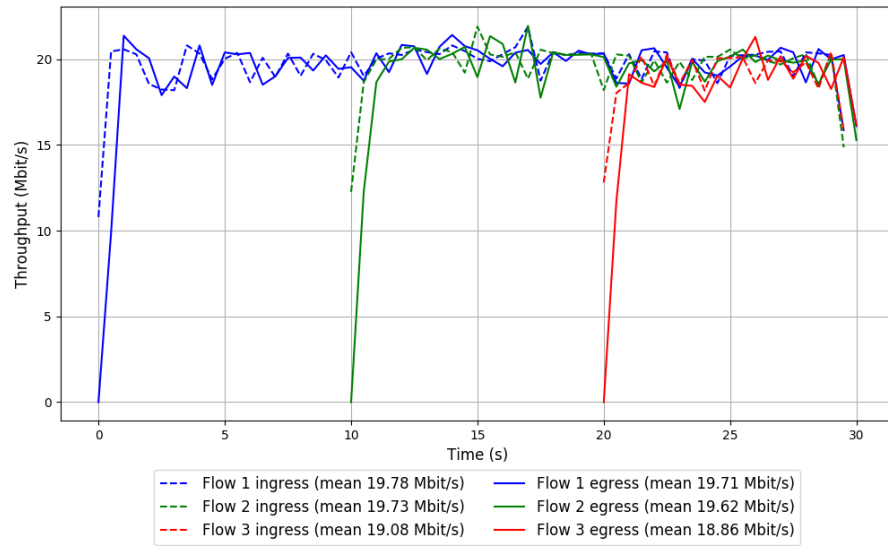


Run 9: Statistics of Sprout

Start at: 2018-07-10 06:22:03
End at: 2018-07-10 06:22:33
Local clock offset: 3.601 ms
Remote clock offset: -16.656 ms

Below is generated by plot.py at 2018-07-10 07:20:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 15.452 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 19.71 Mbit/s
95th percentile per-packet one-way delay: 15.627 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 19.62 Mbit/s
95th percentile per-packet one-way delay: 14.707 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 18.86 Mbit/s
95th percentile per-packet one-way delay: 16.764 ms
Loss rate: 1.02%

Run 9: Report of Sprout — Data Link

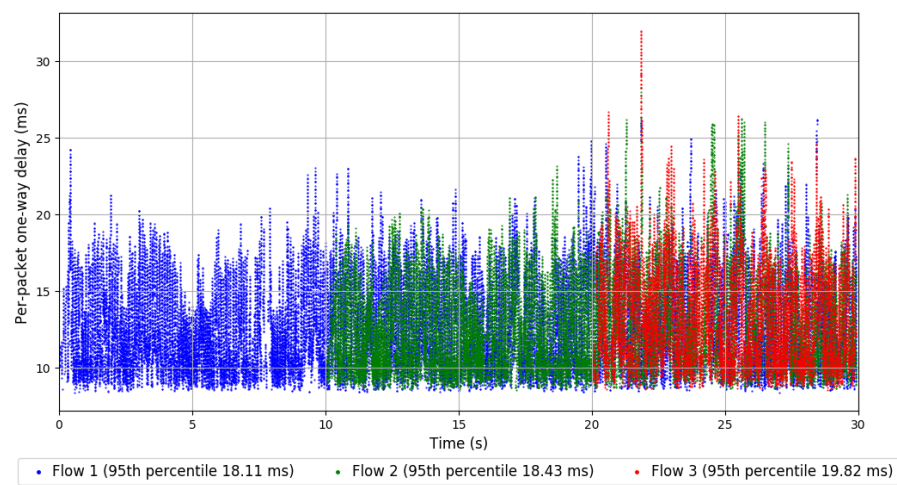
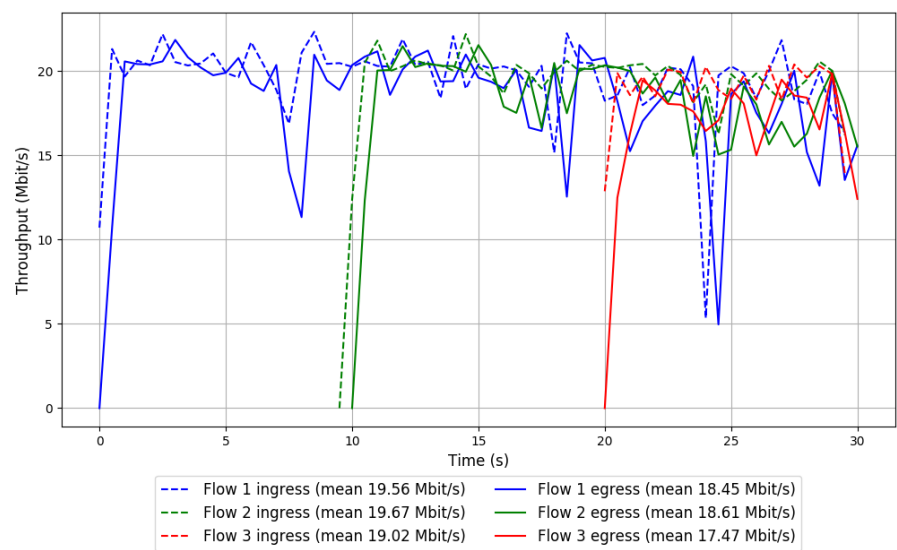


Run 10: Statistics of Sprout

Start at: 2018-07-10 06:42:23
End at: 2018-07-10 06:42:53
Local clock offset: 3.149 ms
Remote clock offset: -8.836 ms

Below is generated by plot.py at 2018-07-10 07:20:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.60 Mbit/s
95th percentile per-packet one-way delay: 18.513 ms
Loss rate: 5.96%
-- Flow 1:
Average throughput: 18.45 Mbit/s
95th percentile per-packet one-way delay: 18.112 ms
Loss rate: 5.65%
-- Flow 2:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 18.426 ms
Loss rate: 5.38%
-- Flow 3:
Average throughput: 17.47 Mbit/s
95th percentile per-packet one-way delay: 19.823 ms
Loss rate: 8.13%

Run 10: Report of Sprout — Data Link

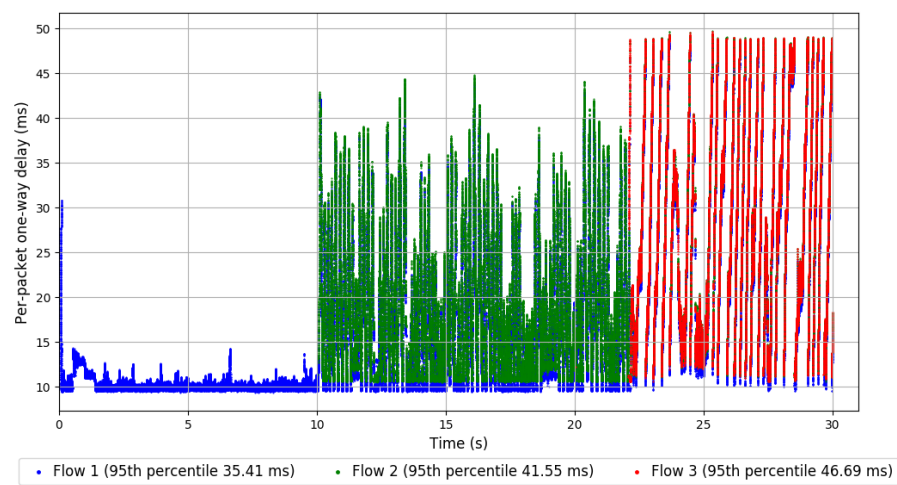
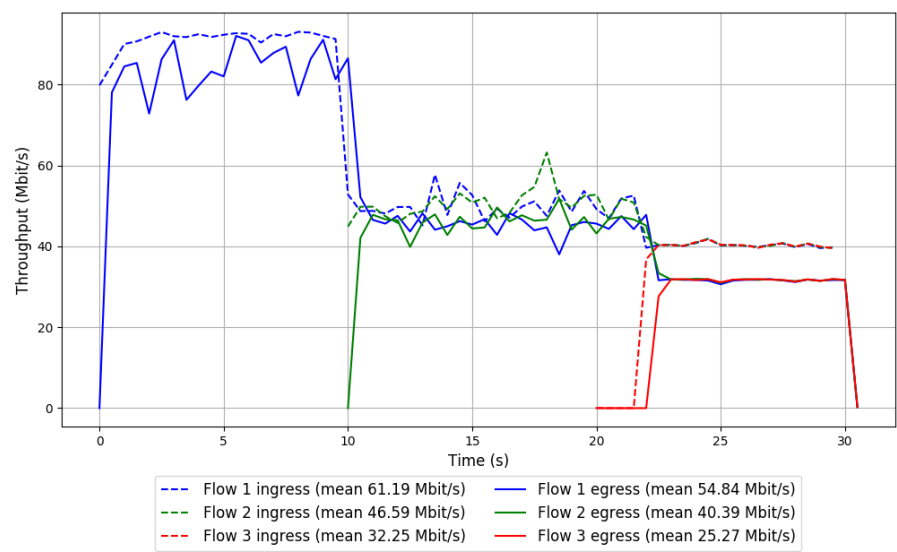


Run 1: Statistics of TaoVA-100x

Start at: 2018-07-10 03:46:37
End at: 2018-07-10 03:47:07
Local clock offset: 2.833 ms
Remote clock offset: -3.921 ms

Below is generated by plot.py at 2018-07-10 07:21:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.14 Mbit/s
95th percentile per-packet one-way delay: 40.252 ms
Loss rate: 12.41%
-- Flow 1:
Average throughput: 54.84 Mbit/s
95th percentile per-packet one-way delay: 35.405 ms
Loss rate: 10.35%
-- Flow 2:
Average throughput: 40.39 Mbit/s
95th percentile per-packet one-way delay: 41.547 ms
Loss rate: 13.28%
-- Flow 3:
Average throughput: 25.27 Mbit/s
95th percentile per-packet one-way delay: 46.689 ms
Loss rate: 21.62%

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

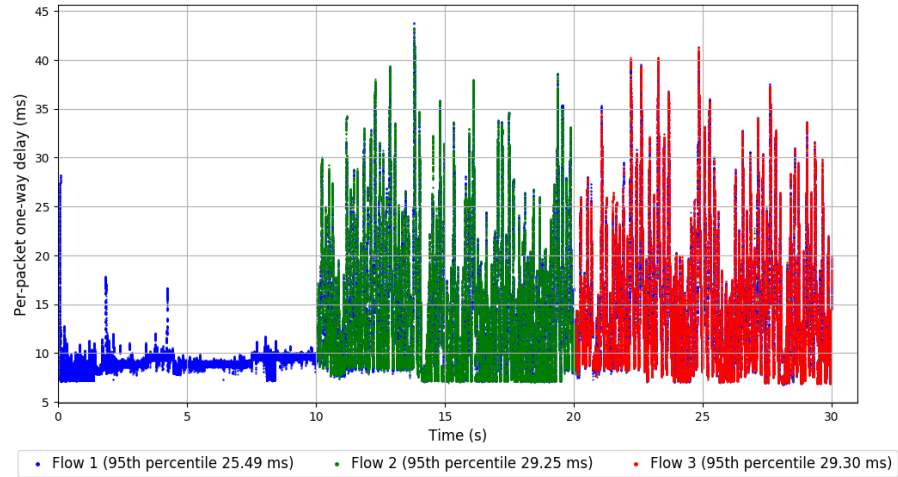
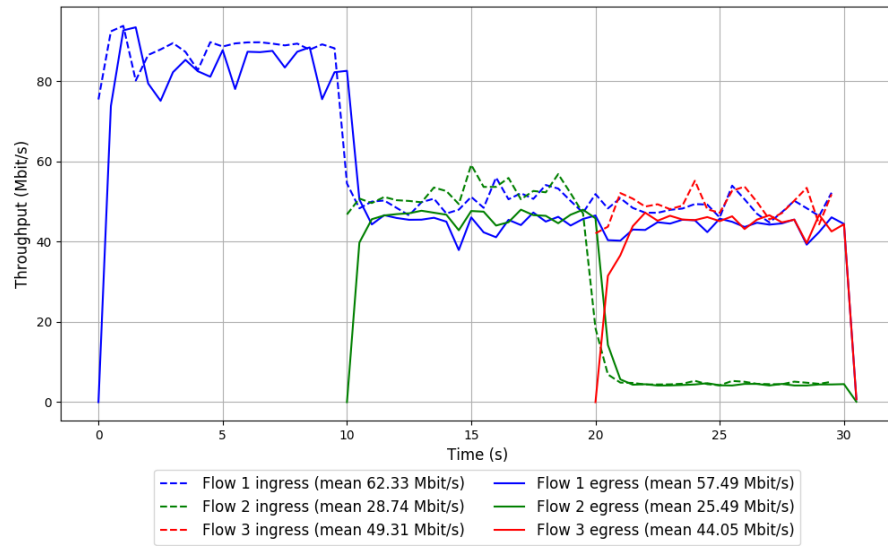


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-10 04:07:22
End at: 2018-07-10 04:07:52
Local clock offset: 3.349 ms
Remote clock offset: -7.421 ms

Below is generated by plot.py at 2018-07-10 07:21:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.12 Mbit/s
95th percentile per-packet one-way delay: 27.225 ms
Loss rate: 8.91%
-- Flow 1:
Average throughput: 57.49 Mbit/s
95th percentile per-packet one-way delay: 25.493 ms
Loss rate: 7.74%
-- Flow 2:
Average throughput: 25.49 Mbit/s
95th percentile per-packet one-way delay: 29.248 ms
Loss rate: 11.27%
-- Flow 3:
Average throughput: 44.05 Mbit/s
95th percentile per-packet one-way delay: 29.300 ms
Loss rate: 10.60%

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

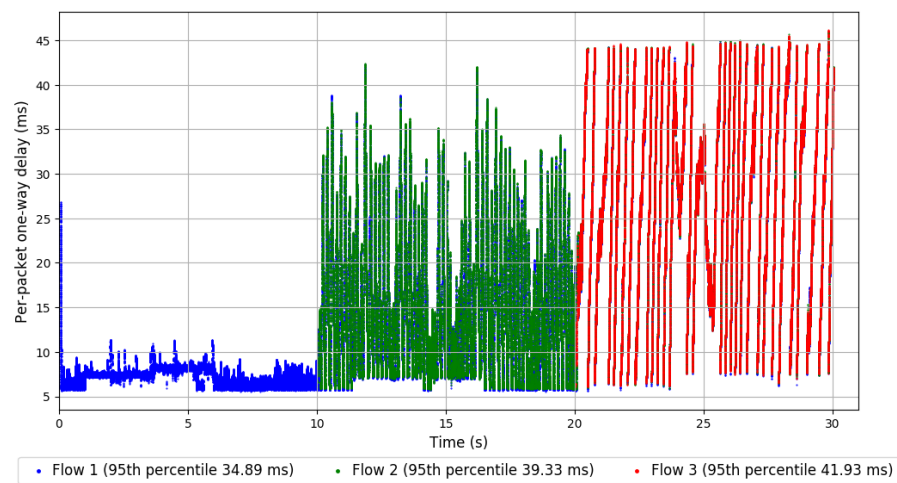
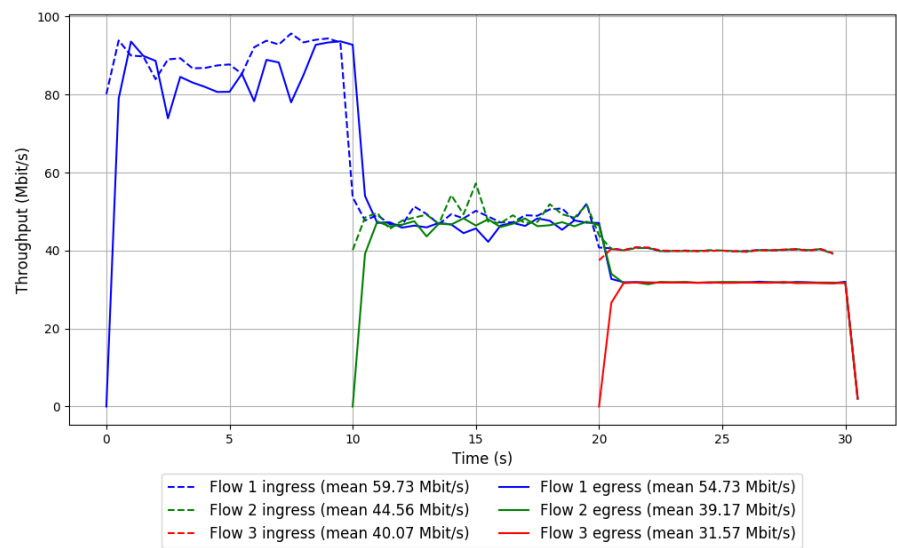


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-10 04:27:44
End at: 2018-07-10 04:28:14
Local clock offset: 3.842 ms
Remote clock offset: -2.655 ms

Below is generated by plot.py at 2018-07-10 07:22:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.37 Mbit/s
95th percentile per-packet one-way delay: 38.531 ms
Loss rate: 10.97%
-- Flow 1:
Average throughput: 54.73 Mbit/s
95th percentile per-packet one-way delay: 34.892 ms
Loss rate: 8.26%
-- Flow 2:
Average throughput: 39.17 Mbit/s
95th percentile per-packet one-way delay: 39.333 ms
Loss rate: 11.93%
-- Flow 3:
Average throughput: 31.57 Mbit/s
95th percentile per-packet one-way delay: 41.928 ms
Loss rate: 20.93%

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

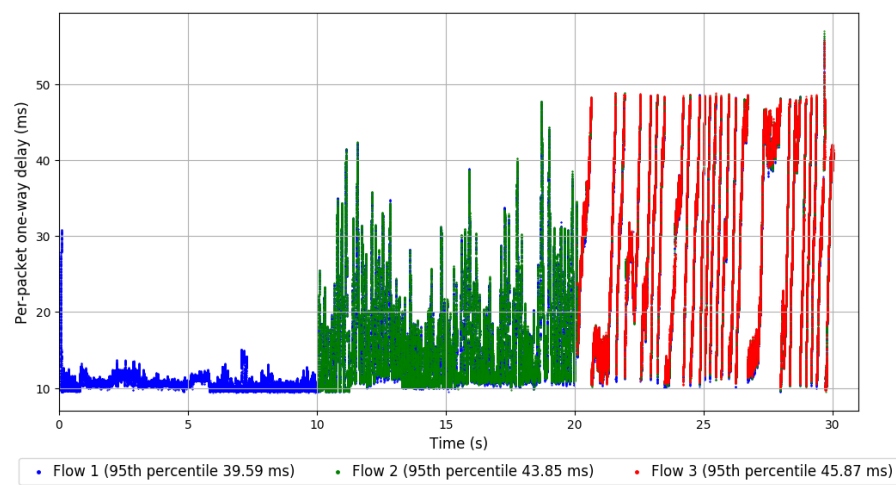
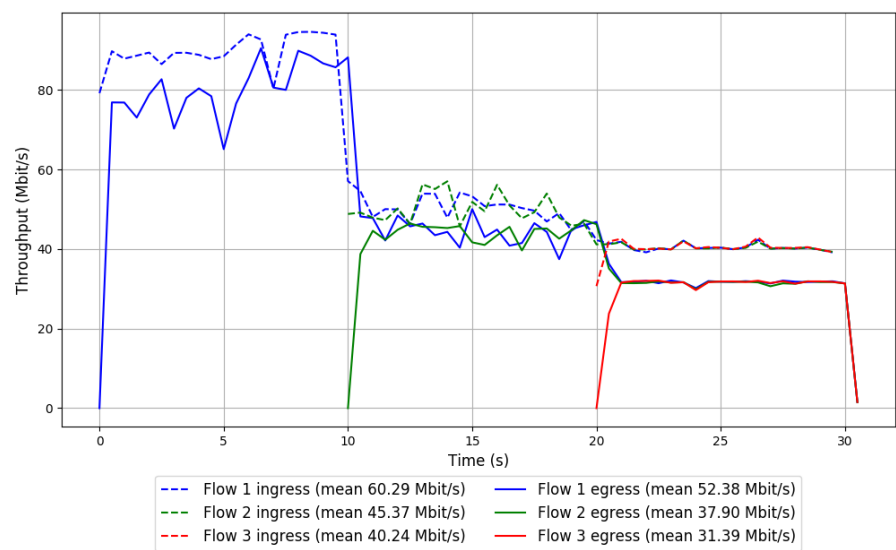


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-10 04:47:48
End at: 2018-07-10 04:48:18
Local clock offset: 0.435 ms
Remote clock offset: -2.113 ms

Below is generated by plot.py at 2018-07-10 07:22:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.08 Mbit/s
95th percentile per-packet one-way delay: 43.230 ms
Loss rate: 15.14%
-- Flow 1:
Average throughput: 52.38 Mbit/s
95th percentile per-packet one-way delay: 39.591 ms
Loss rate: 13.04%
-- Flow 2:
Average throughput: 37.90 Mbit/s
95th percentile per-packet one-way delay: 43.851 ms
Loss rate: 16.33%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 45.867 ms
Loss rate: 21.91%

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

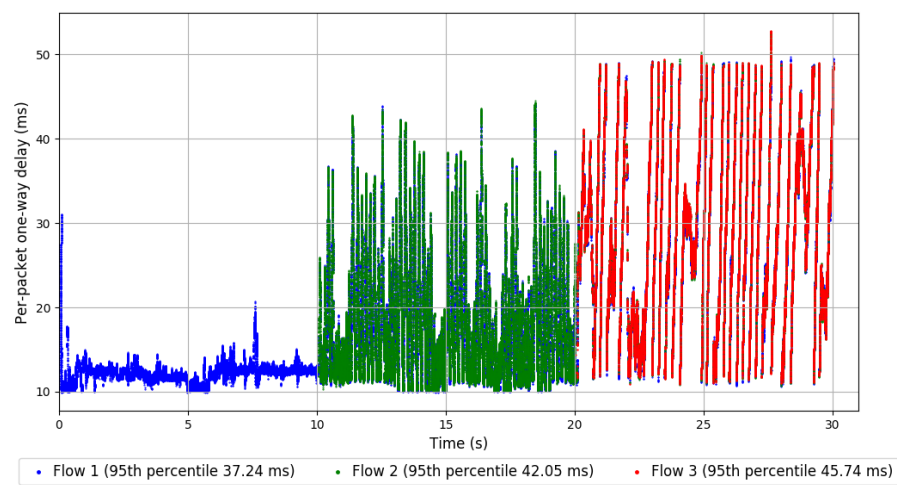
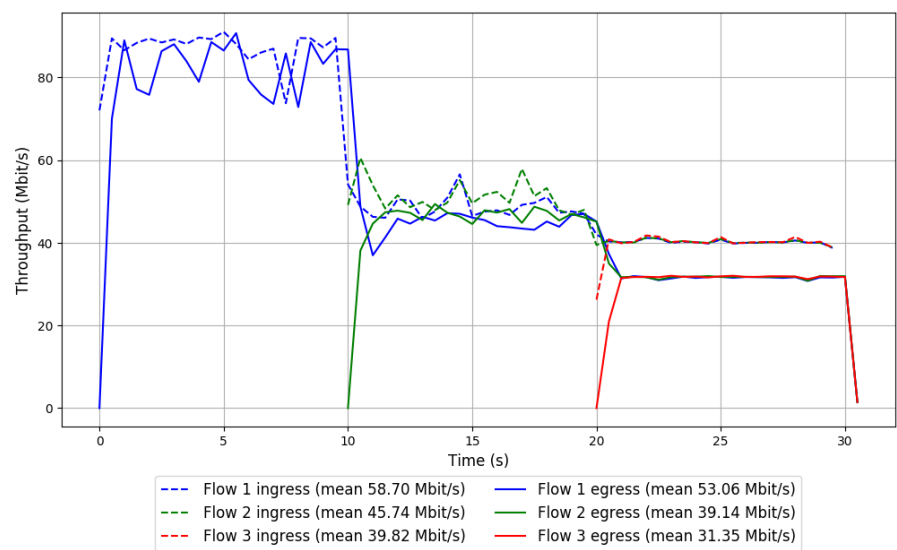


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-10 05:08:28
End at: 2018-07-10 05:08:58
Local clock offset: 1.679 ms
Remote clock offset: -0.282 ms

Below is generated by plot.py at 2018-07-10 07:22:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.57 Mbit/s
95th percentile per-packet one-way delay: 41.119 ms
Loss rate: 12.45%
-- Flow 1:
Average throughput: 53.06 Mbit/s
95th percentile per-packet one-way delay: 37.240 ms
Loss rate: 9.53%
-- Flow 2:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 42.048 ms
Loss rate: 14.32%
-- Flow 3:
Average throughput: 31.35 Mbit/s
95th percentile per-packet one-way delay: 45.741 ms
Loss rate: 21.09%

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

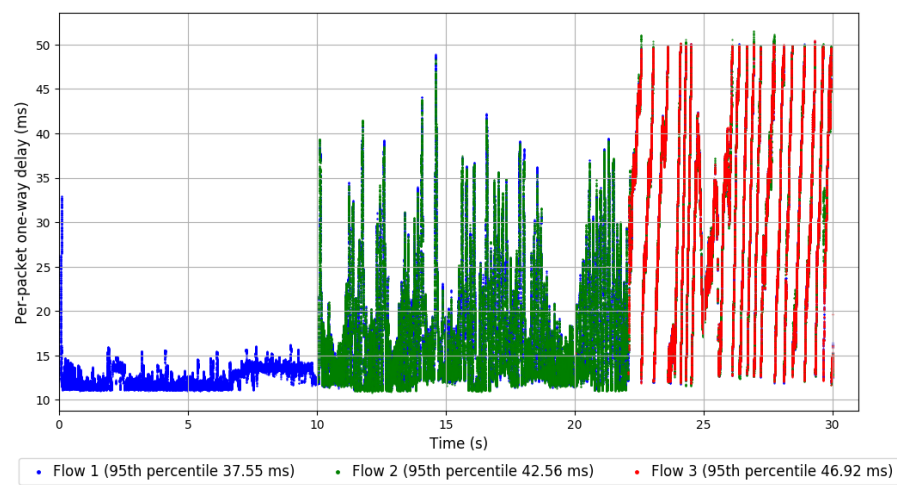
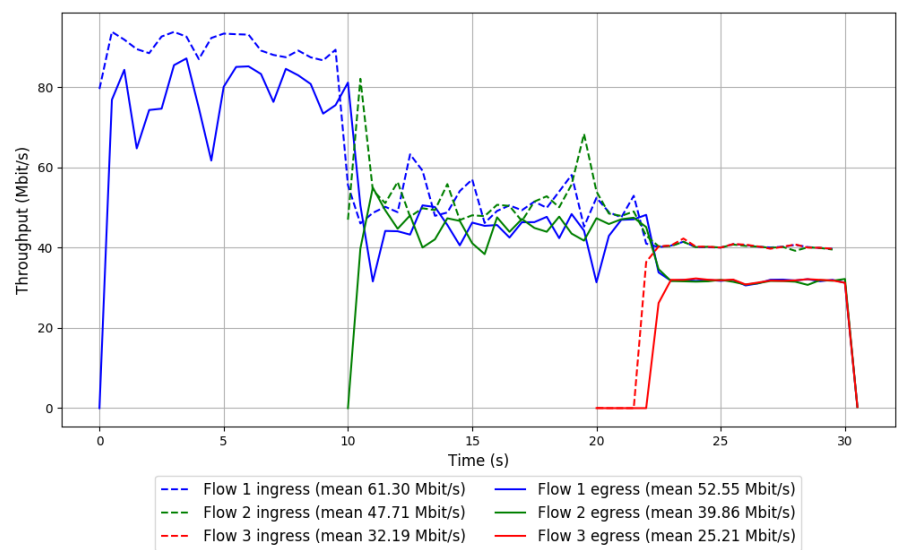


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-10 05:29:25
End at: 2018-07-10 05:29:55
Local clock offset: 0.489 ms
Remote clock offset: -1.752 ms

Below is generated by plot.py at 2018-07-10 07:22:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 41.798 ms
Loss rate: 15.70%
-- Flow 1:
Average throughput: 52.55 Mbit/s
95th percentile per-packet one-way delay: 37.547 ms
Loss rate: 14.27%
-- Flow 2:
Average throughput: 39.86 Mbit/s
95th percentile per-packet one-way delay: 42.562 ms
Loss rate: 16.45%
-- Flow 3:
Average throughput: 25.21 Mbit/s
95th percentile per-packet one-way delay: 46.923 ms
Loss rate: 21.66%

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

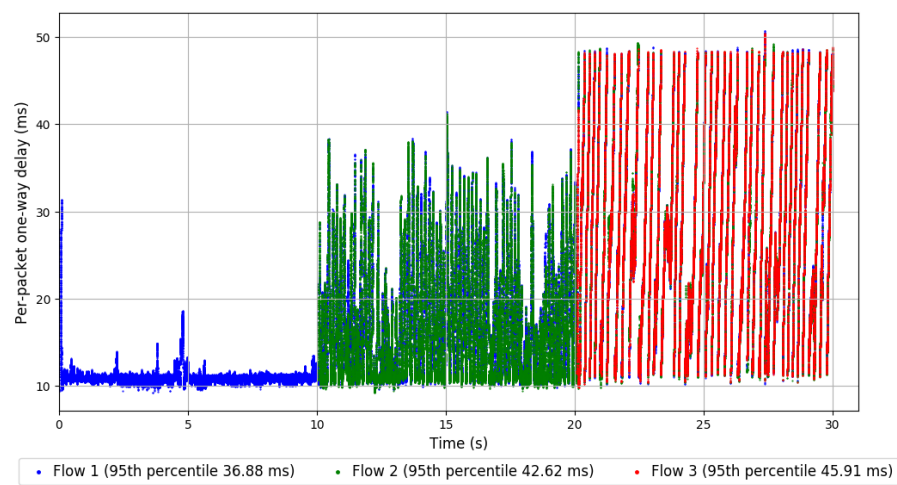
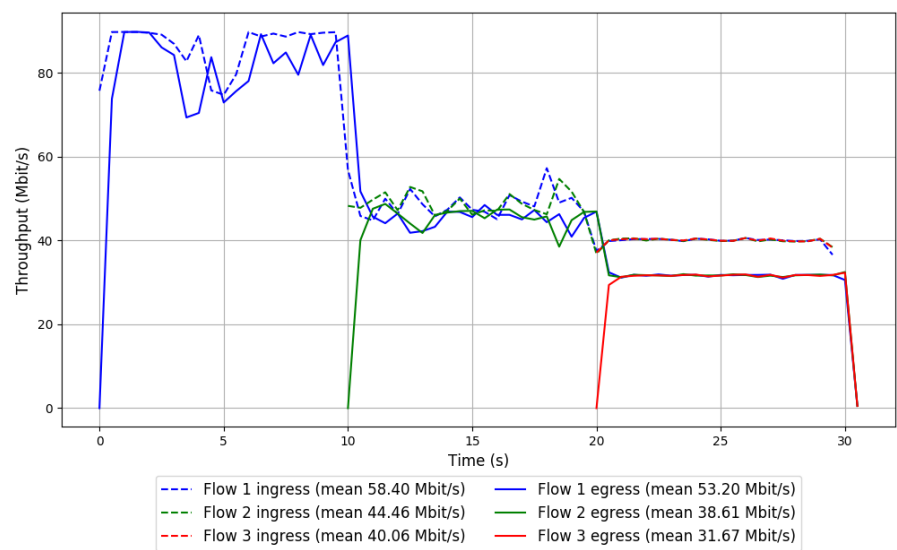


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-10 05:50:40
End at: 2018-07-10 05:51:10
Local clock offset: 2.179 ms
Remote clock offset: -2.672 ms

Below is generated by plot.py at 2018-07-10 07:22:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.45 Mbit/s
95th percentile per-packet one-way delay: 41.685 ms
Loss rate: 11.71%
-- Flow 1:
Average throughput: 53.20 Mbit/s
95th percentile per-packet one-way delay: 36.881 ms
Loss rate: 8.89%
-- Flow 2:
Average throughput: 38.61 Mbit/s
95th percentile per-packet one-way delay: 42.623 ms
Loss rate: 13.13%
-- Flow 3:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 45.906 ms
Loss rate: 20.91%

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

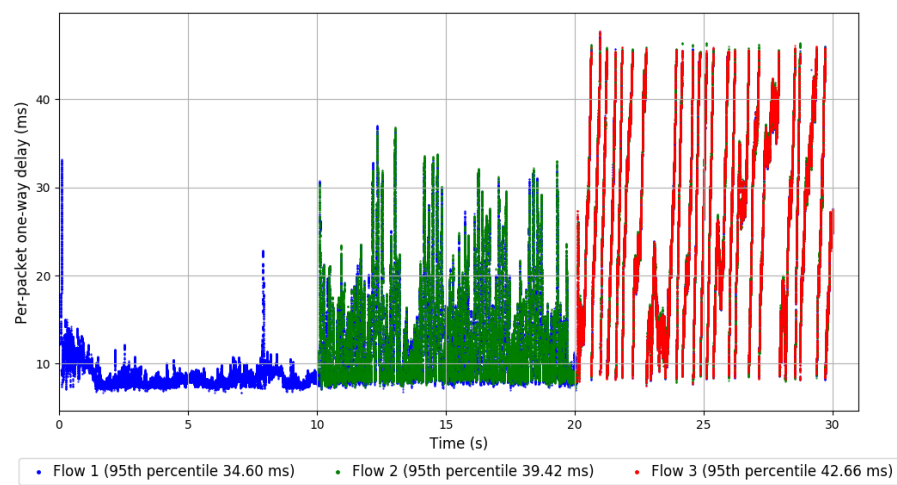
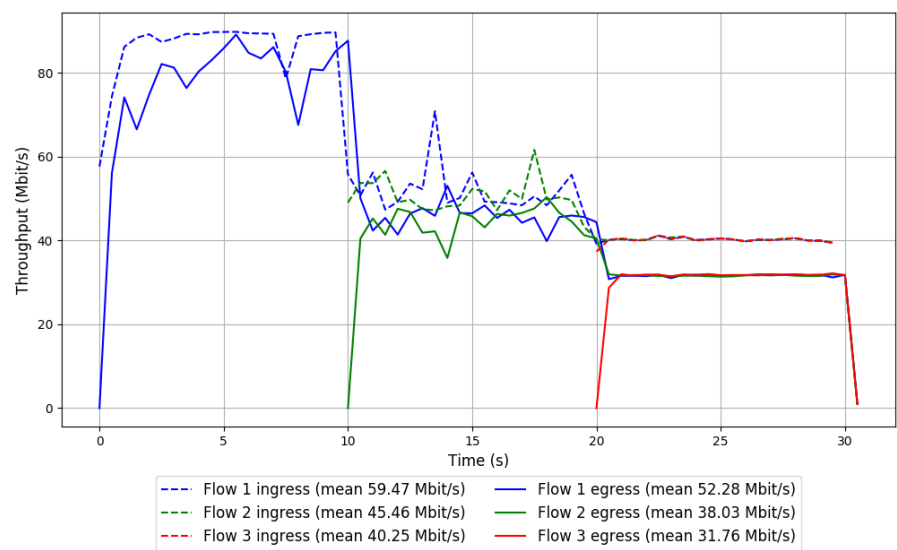


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-10 06:10:59
End at: 2018-07-10 06:11:29
Local clock offset: 1.09 ms
Remote clock offset: -14.228 ms

Below is generated by plot.py at 2018-07-10 07:22:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.19 Mbit/s
95th percentile per-packet one-way delay: 38.684 ms
Loss rate: 14.44%
-- Flow 1:
Average throughput: 52.28 Mbit/s
95th percentile per-packet one-way delay: 34.596 ms
Loss rate: 12.03%
-- Flow 2:
Average throughput: 38.03 Mbit/s
95th percentile per-packet one-way delay: 39.425 ms
Loss rate: 16.29%
-- Flow 3:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 42.664 ms
Loss rate: 20.97%

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

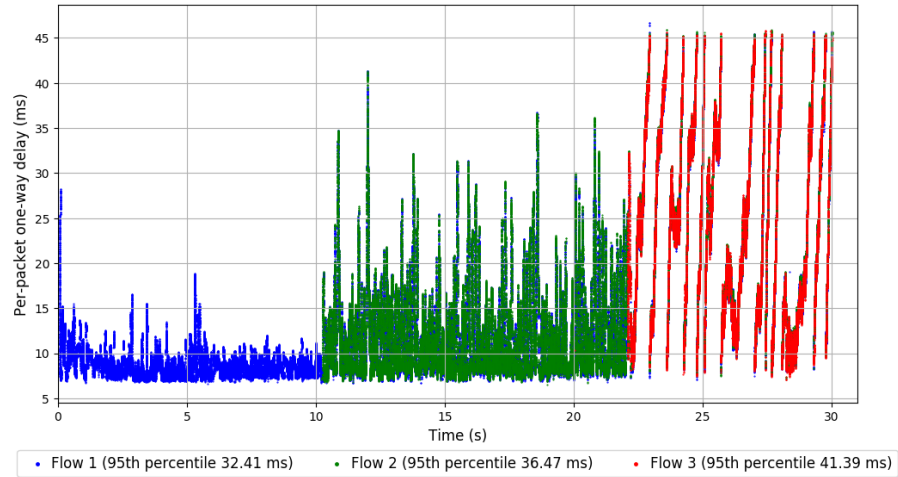
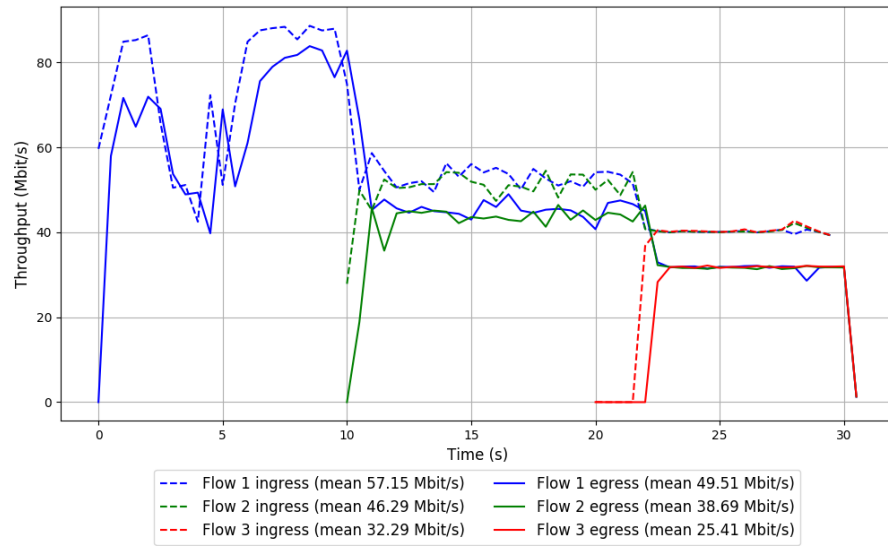


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-10 06:31:24
End at: 2018-07-10 06:31:54
Local clock offset: 0.921 ms
Remote clock offset: -14.135 ms

Below is generated by plot.py at 2018-07-10 07:24:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.49 Mbit/s
95th percentile per-packet one-way delay: 35.937 ms
Loss rate: 15.37%
-- Flow 1:
Average throughput: 49.51 Mbit/s
95th percentile per-packet one-way delay: 32.408 ms
Loss rate: 13.32%
-- Flow 2:
Average throughput: 38.69 Mbit/s
95th percentile per-packet one-way delay: 36.470 ms
Loss rate: 17.15%
-- Flow 3:
Average throughput: 25.41 Mbit/s
95th percentile per-packet one-way delay: 41.388 ms
Loss rate: 21.15%

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

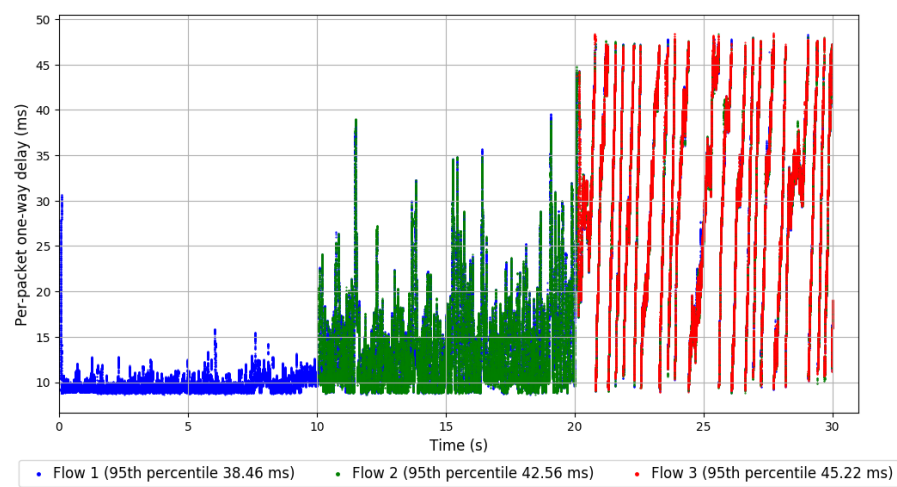
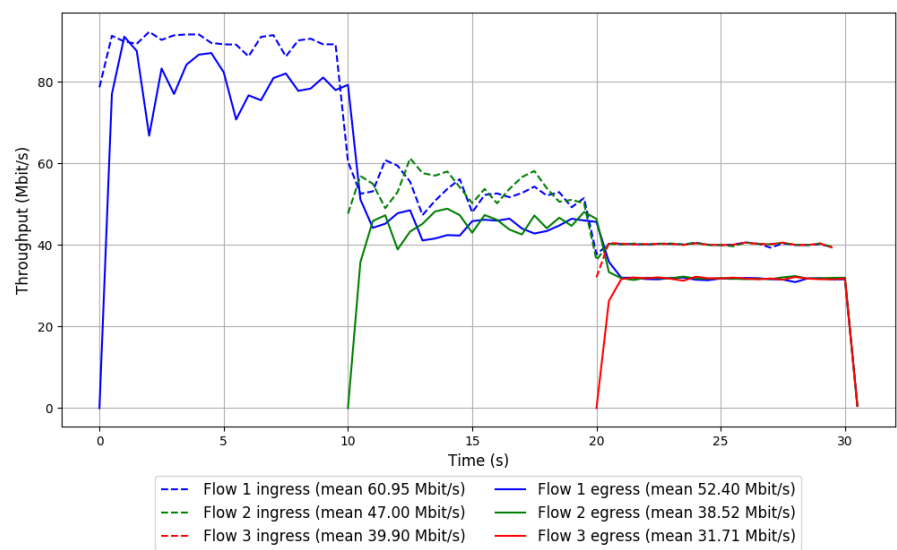


Run 10: Statistics of TaoVA-100x

Start at: 2018-07-10 06:51:38
End at: 2018-07-10 06:52:08
Local clock offset: -5.075 ms
Remote clock offset: -16.813 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.57 Mbit/s
95th percentile per-packet one-way delay: 41.948 ms
Loss rate: 16.03%
-- Flow 1:
Average throughput: 52.40 Mbit/s
95th percentile per-packet one-way delay: 38.463 ms
Loss rate: 14.01%
-- Flow 2:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 42.562 ms
Loss rate: 18.00%
-- Flow 3:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 45.216 ms
Loss rate: 20.72%

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

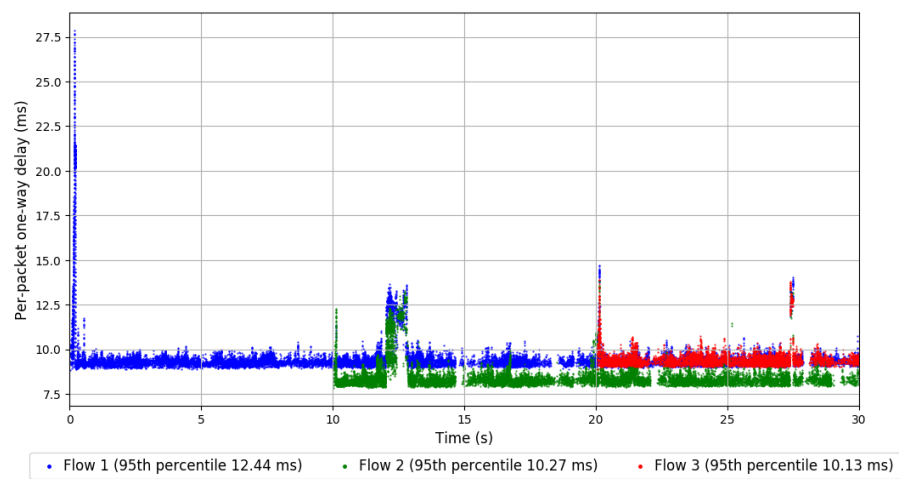
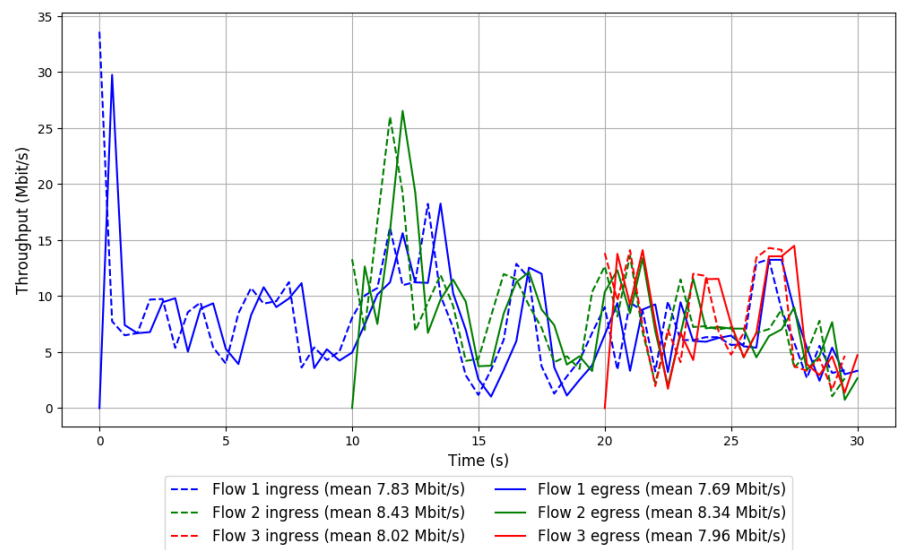


Run 1: Statistics of TCP Vegas

Start at: 2018-07-10 03:40:51
End at: 2018-07-10 03:41:21
Local clock offset: 3.704 ms
Remote clock offset: -4.036 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.89 Mbit/s
95th percentile per-packet one-way delay: 11.310 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 12.442 ms
Loss rate: 1.78%
-- Flow 2:
Average throughput: 8.34 Mbit/s
95th percentile per-packet one-way delay: 10.272 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 7.96 Mbit/s
95th percentile per-packet one-way delay: 10.133 ms
Loss rate: 0.84%

Run 1: Report of TCP Vegas — Data Link

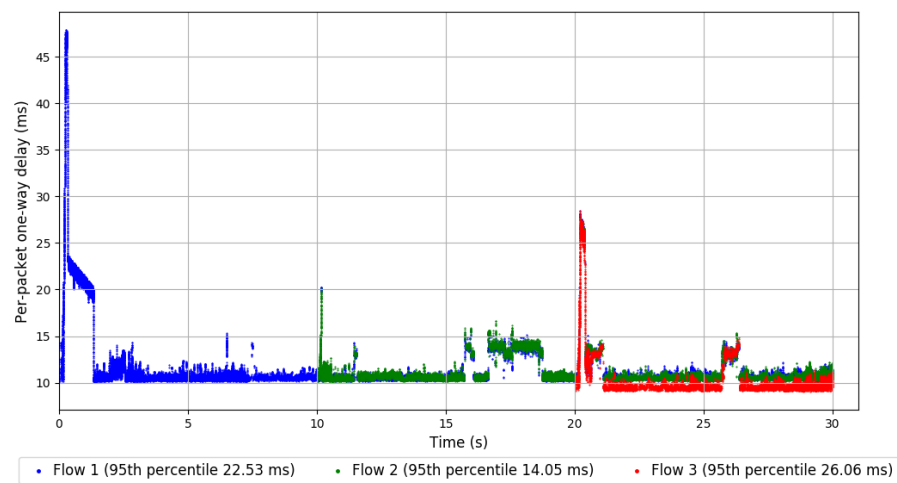
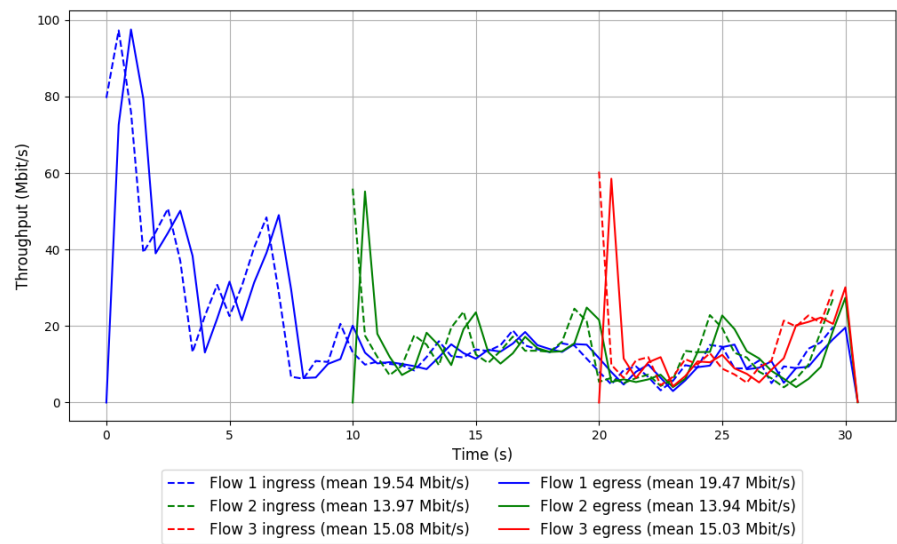


Run 2: Statistics of TCP Vegas

Start at: 2018-07-10 04:01:29
End at: 2018-07-10 04:01:59
Local clock offset: 1.087 ms
Remote clock offset: -7.273 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.75 Mbit/s
95th percentile per-packet one-way delay: 22.334 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 19.47 Mbit/s
95th percentile per-packet one-way delay: 22.526 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 13.94 Mbit/s
95th percentile per-packet one-way delay: 14.052 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 15.03 Mbit/s
95th percentile per-packet one-way delay: 26.059 ms
Loss rate: 0.36%

Run 2: Report of TCP Vegas — Data Link

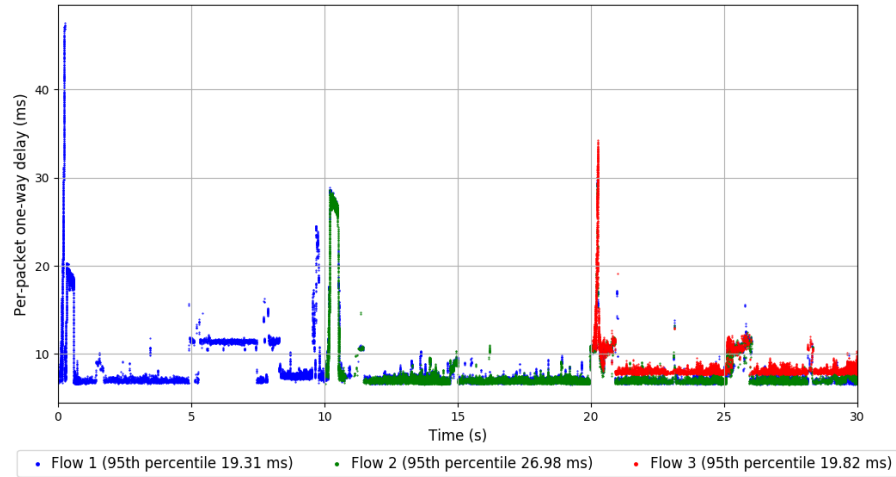
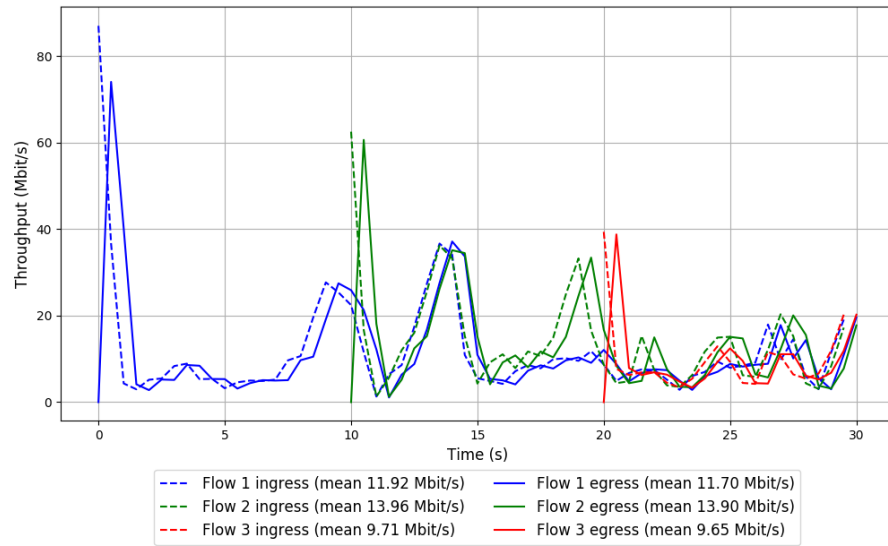


Run 3: Statistics of TCP Vegas

Start at: 2018-07-10 04:21:59
End at: 2018-07-10 04:22:29
Local clock offset: 3.688 ms
Remote clock offset: -2.496 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 24.17 Mbit/s
95th percentile per-packet one-way delay: 25.840 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 11.70 Mbit/s
95th percentile per-packet one-way delay: 19.312 ms
Loss rate: 1.84%
-- Flow 2:
Average throughput: 13.90 Mbit/s
95th percentile per-packet one-way delay: 26.977 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 9.65 Mbit/s
95th percentile per-packet one-way delay: 19.818 ms
Loss rate: 0.63%

Run 3: Report of TCP Vegas — Data Link

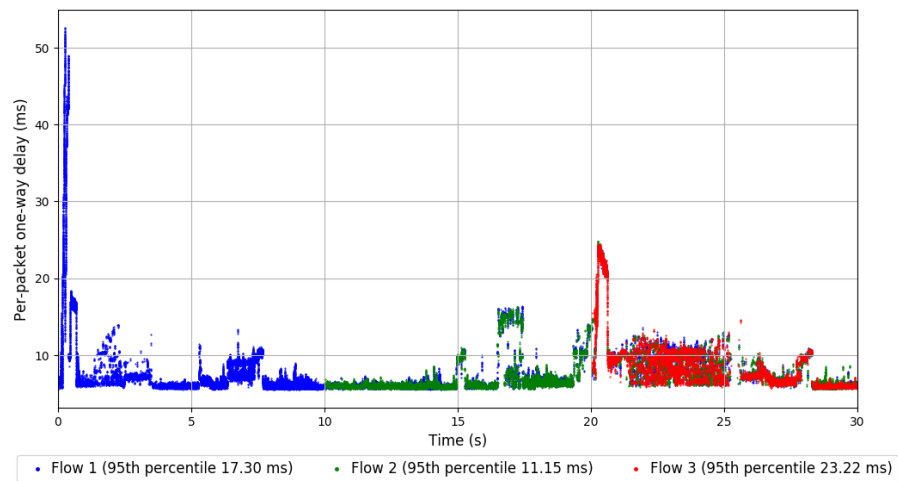
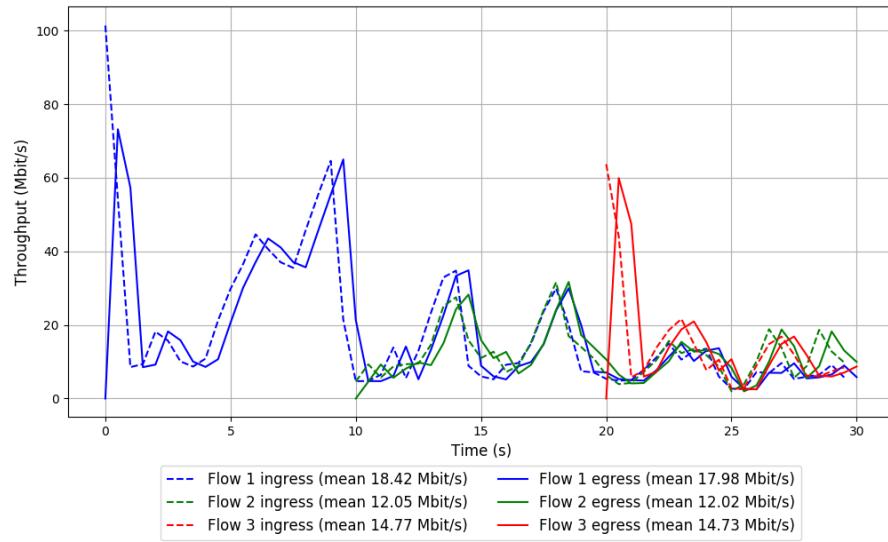


Run 4: Statistics of TCP Vegas

Start at: 2018-07-10 04:41:59
End at: 2018-07-10 04:42:29
Local clock offset: 4.232 ms
Remote clock offset: -1.906 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 30.88 Mbit/s
95th percentile per-packet one-way delay: 21.514 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 17.98 Mbit/s
95th percentile per-packet one-way delay: 17.304 ms
Loss rate: 2.40%
-- Flow 2:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 11.151 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 14.73 Mbit/s
95th percentile per-packet one-way delay: 23.219 ms
Loss rate: 0.35%

Run 4: Report of TCP Vegas — Data Link

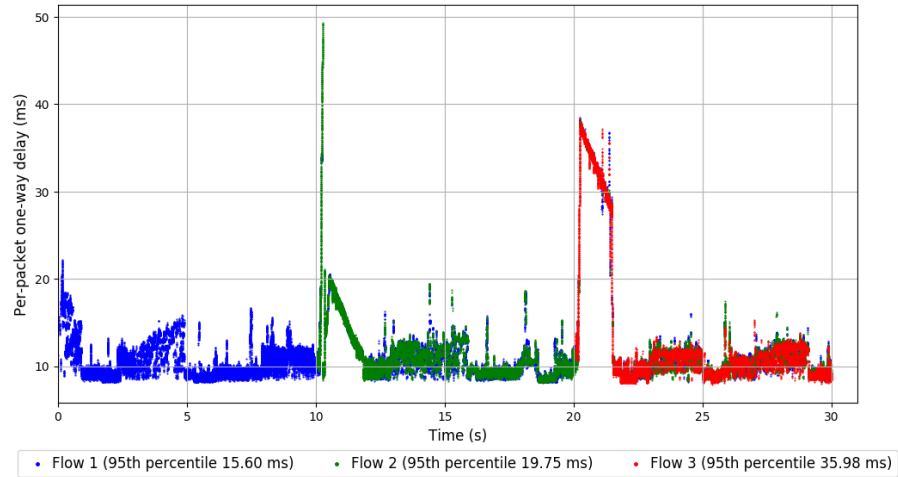
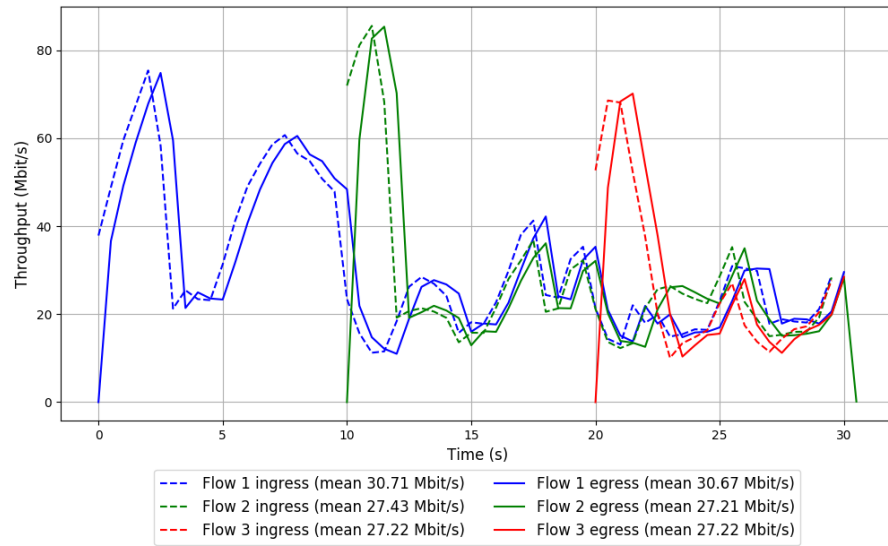


Run 5: Statistics of TCP Vegas

Start at: 2018-07-10 05:02:35
End at: 2018-07-10 05:03:05
Local clock offset: 1.277 ms
Remote clock offset: -2.745 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.83 Mbit/s
95th percentile per-packet one-way delay: 31.307 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 15.604 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 27.21 Mbit/s
95th percentile per-packet one-way delay: 19.754 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 27.22 Mbit/s
95th percentile per-packet one-way delay: 35.976 ms
Loss rate: 0.04%

Run 5: Report of TCP Vegas — Data Link

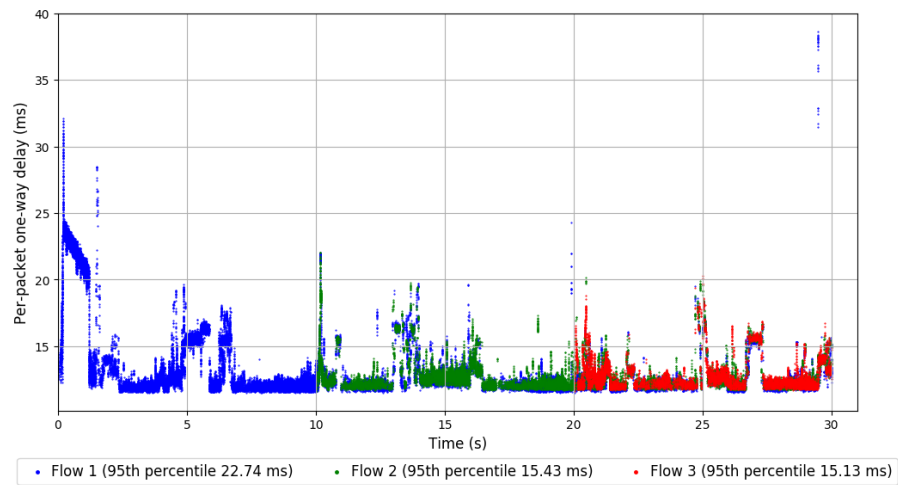
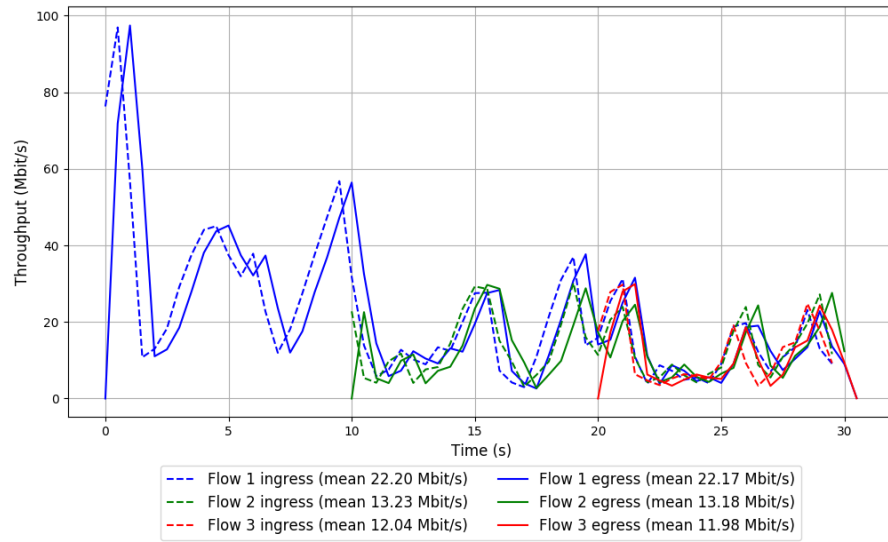


Run 6: Statistics of TCP Vegas

Start at: 2018-07-10 05:23:39
End at: 2018-07-10 05:24:09
Local clock offset: 0.944 ms
Remote clock offset: -0.326 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.93 Mbit/s
95th percentile per-packet one-way delay: 22.093 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 22.17 Mbit/s
95th percentile per-packet one-way delay: 22.744 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 15.433 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 11.98 Mbit/s
95th percentile per-packet one-way delay: 15.134 ms
Loss rate: 0.44%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-07-10 05:44:54

End at: 2018-07-10 05:45:24

Local clock offset: 2.34 ms

Remote clock offset: -3.24 ms

Below is generated by plot.py at 2018-07-10 07:24:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 18.11 Mbit/s

95th percentile per-packet one-way delay: 19.720 ms

Loss rate: 1.13%

-- Flow 1:

Average throughput: 11.51 Mbit/s

95th percentile per-packet one-way delay: 19.784 ms

Loss rate: 0.81%

-- Flow 2:

Average throughput: 5.60 Mbit/s

95th percentile per-packet one-way delay: 12.363 ms

Loss rate: 2.00%

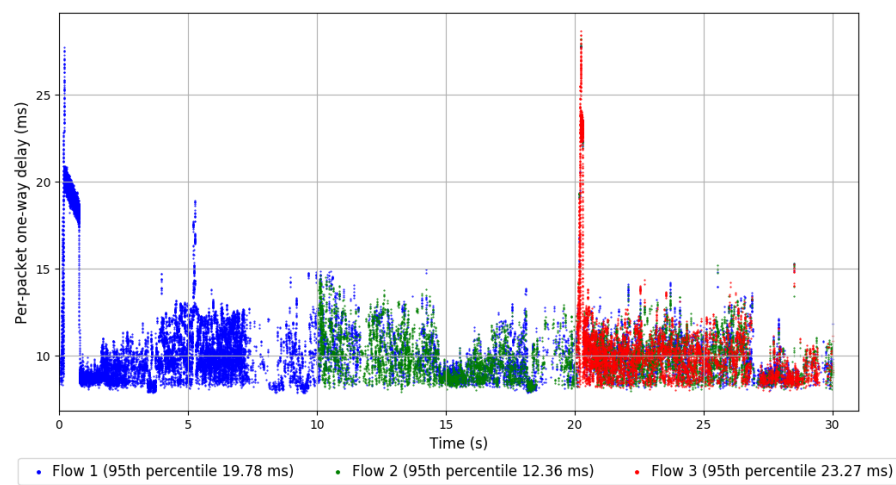
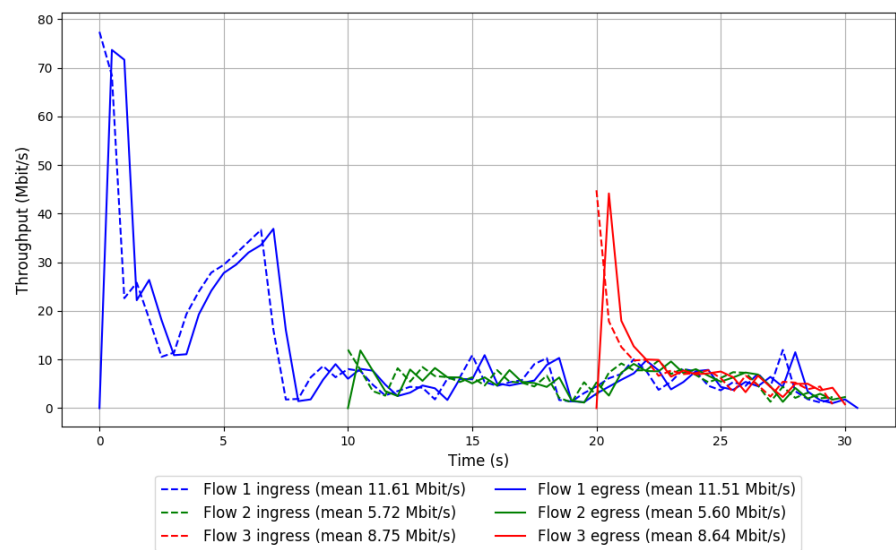
-- Flow 3:

Average throughput: 8.64 Mbit/s

95th percentile per-packet one-way delay: 23.266 ms

Loss rate: 1.31%

Run 7: Report of TCP Vegas — Data Link

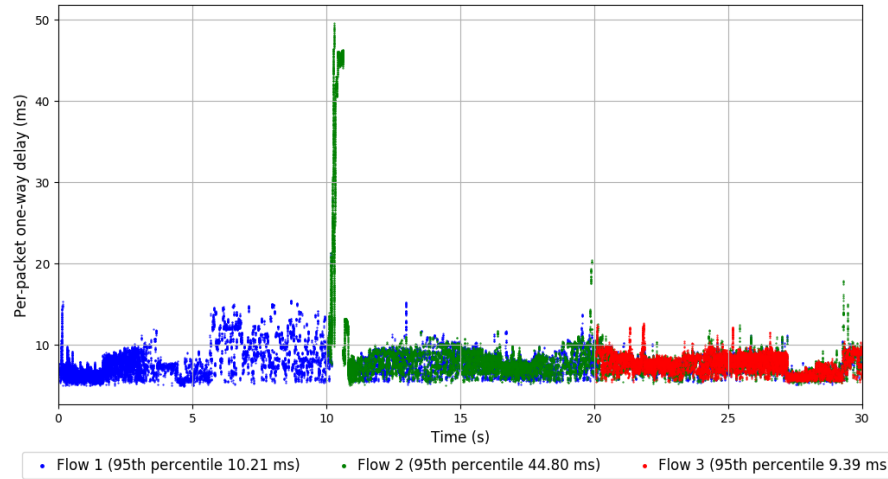
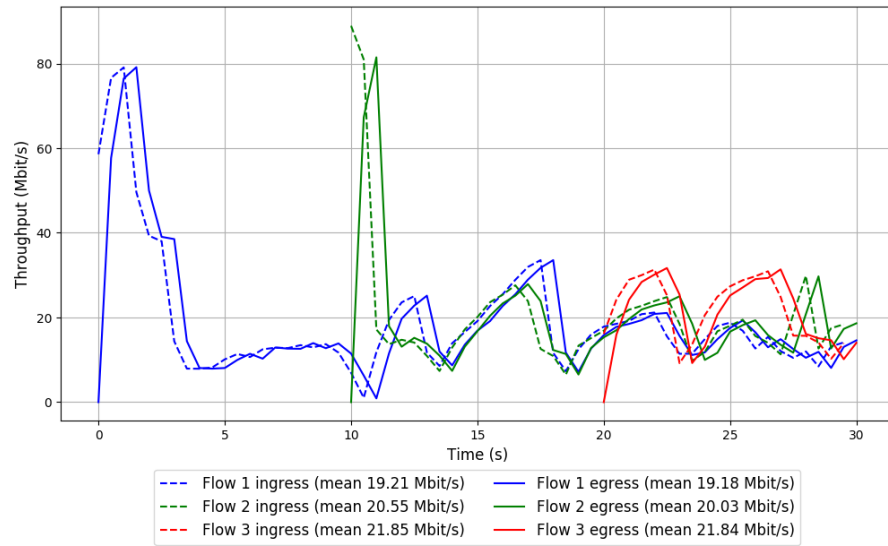


Run 8: Statistics of TCP Vegas

Start at: 2018-07-10 06:05:17
End at: 2018-07-10 06:05:47
Local clock offset: 3.441 ms
Remote clock offset: -12.167 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 12.404 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 19.18 Mbit/s
95th percentile per-packet one-way delay: 10.209 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 20.03 Mbit/s
95th percentile per-packet one-way delay: 44.797 ms
Loss rate: 2.52%
-- Flow 3:
Average throughput: 21.84 Mbit/s
95th percentile per-packet one-way delay: 9.392 ms
Loss rate: 0.04%

Run 8: Report of TCP Vegas — Data Link

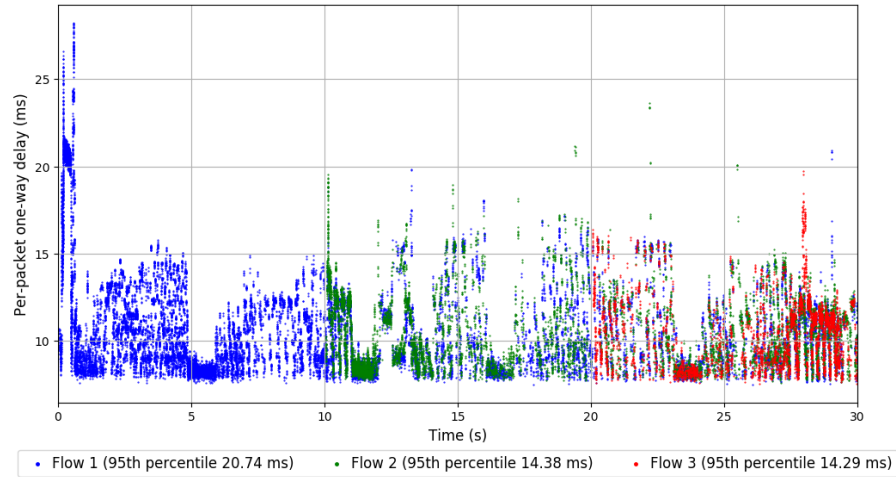
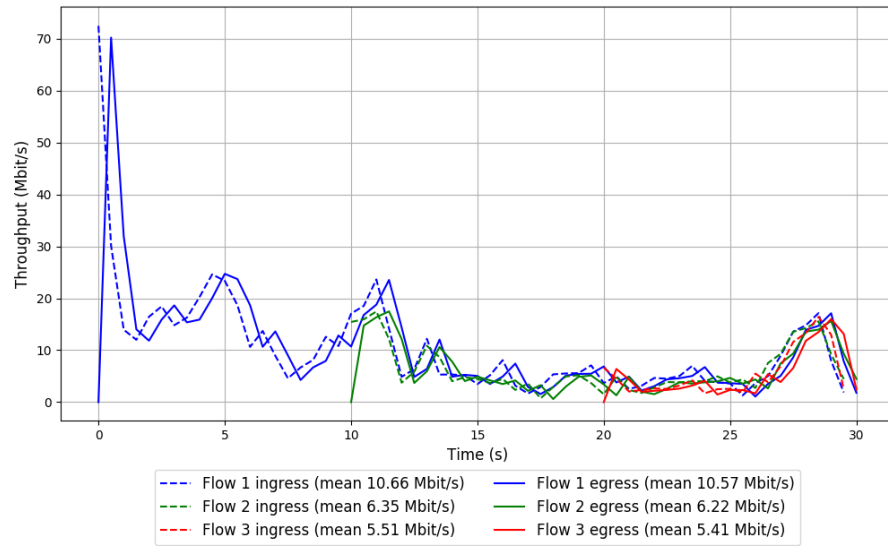


Run 9: Statistics of TCP Vegas

Start at: 2018-07-10 06:25:38
End at: 2018-07-10 06:26:08
Local clock offset: 1.111 ms
Remote clock offset: -14.768 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.51 Mbit/s
95th percentile per-packet one-way delay: 20.292 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 10.57 Mbit/s
95th percentile per-packet one-way delay: 20.743 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 6.22 Mbit/s
95th percentile per-packet one-way delay: 14.378 ms
Loss rate: 2.02%
-- Flow 3:
Average throughput: 5.41 Mbit/s
95th percentile per-packet one-way delay: 14.294 ms
Loss rate: 2.01%

Run 9: Report of TCP Vegas — Data Link

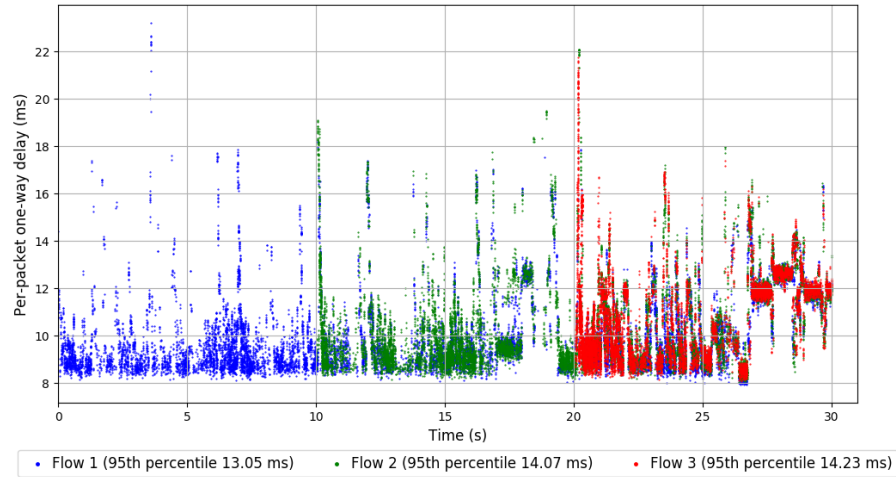
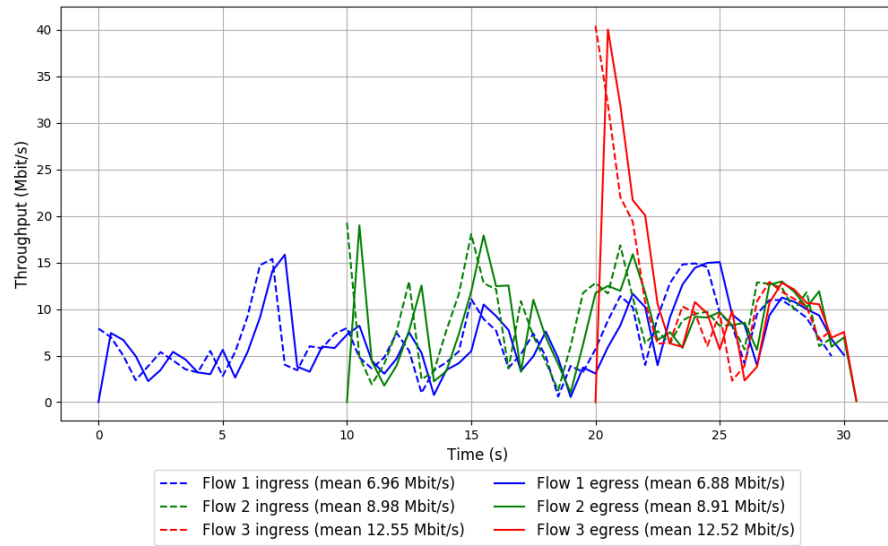


Run 10: Statistics of TCP Vegas

Start at: 2018-07-10 06:45:50
End at: 2018-07-10 06:46:20
Local clock offset: 3.018 ms
Remote clock offset: -9.414 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.98 Mbit/s
95th percentile per-packet one-way delay: 13.788 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 6.88 Mbit/s
95th percentile per-packet one-way delay: 13.055 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 8.91 Mbit/s
95th percentile per-packet one-way delay: 14.068 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 14.230 ms
Loss rate: 0.19%

Run 10: Report of TCP Vegas — Data Link

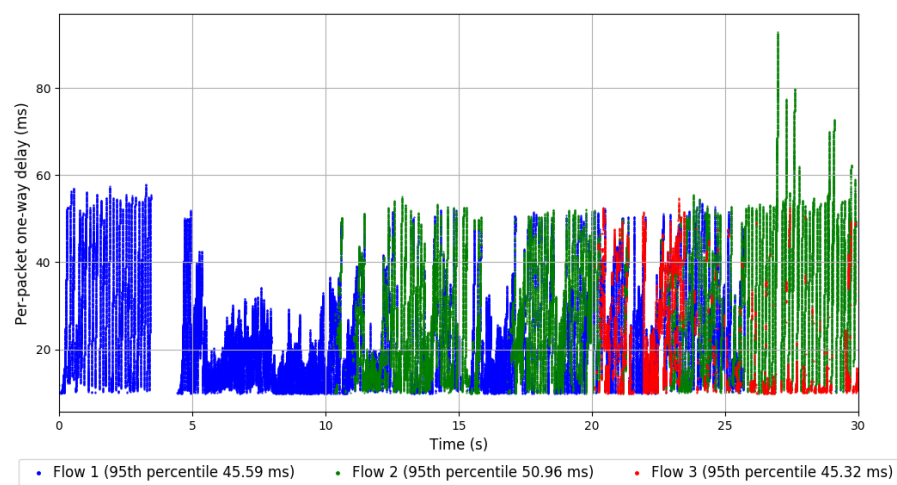
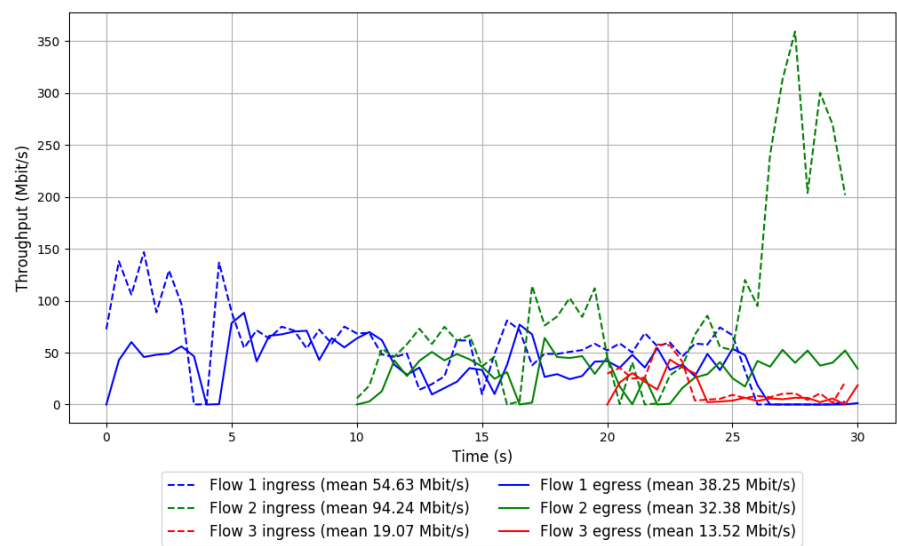


Run 1: Statistics of Verus

Start at: 2018-07-10 03:50:19
End at: 2018-07-10 03:50:49
Local clock offset: 1.513 ms
Remote clock offset: -5.137 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.57 Mbit/s
95th percentile per-packet one-way delay: 48.060 ms
Loss rate: 48.08%
-- Flow 1:
Average throughput: 38.25 Mbit/s
95th percentile per-packet one-way delay: 45.585 ms
Loss rate: 30.41%
-- Flow 2:
Average throughput: 32.38 Mbit/s
95th percentile per-packet one-way delay: 50.960 ms
Loss rate: 65.59%
-- Flow 3:
Average throughput: 13.52 Mbit/s
95th percentile per-packet one-way delay: 45.323 ms
Loss rate: 29.31%

Run 1: Report of Verus — Data Link

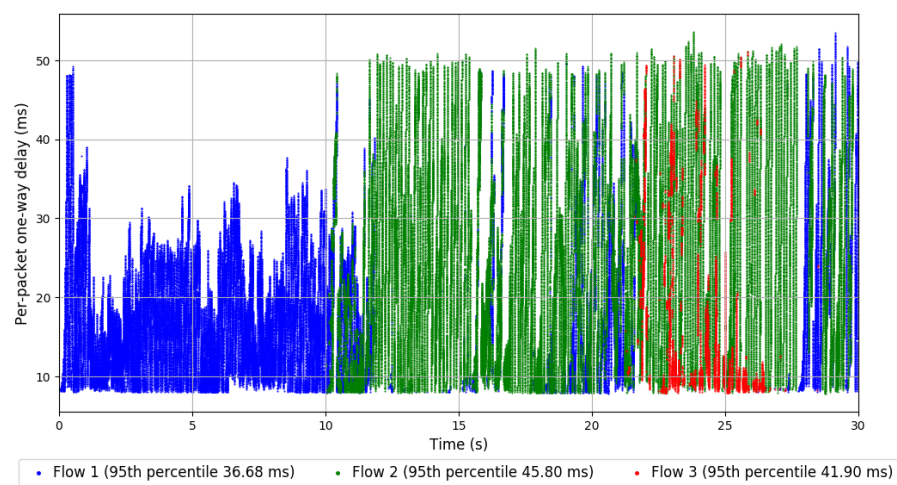
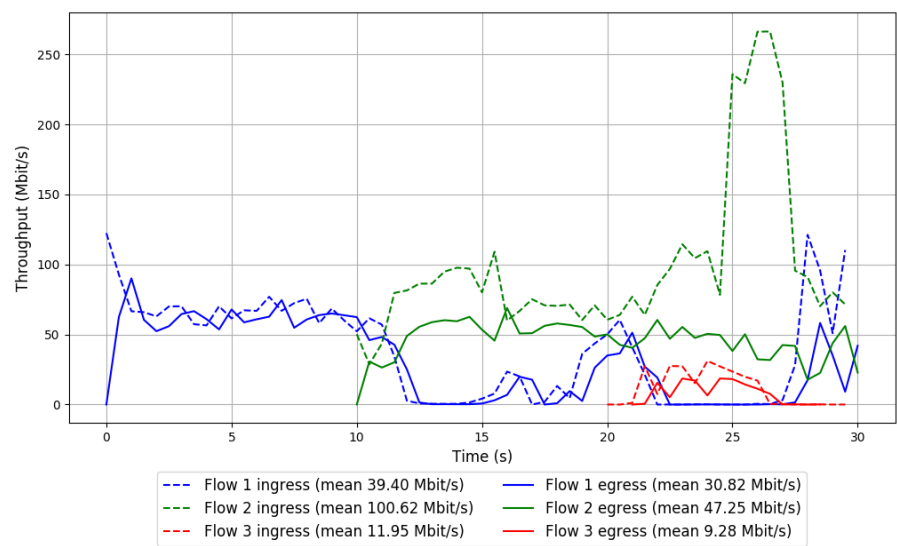


Run 2: Statistics of Verus

Start at: 2018-07-10 04:11:05
End at: 2018-07-10 04:11:35
Local clock offset: 1.913 ms
Remote clock offset: -6.877 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.22 Mbit/s
95th percentile per-packet one-way delay: 43.653 ms
Loss rate: 41.29%
-- Flow 1:
Average throughput: 30.82 Mbit/s
95th percentile per-packet one-way delay: 36.682 ms
Loss rate: 21.68%
-- Flow 2:
Average throughput: 47.25 Mbit/s
95th percentile per-packet one-way delay: 45.798 ms
Loss rate: 52.96%
-- Flow 3:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 41.900 ms
Loss rate: 40.73%

Run 2: Report of Verus — Data Link

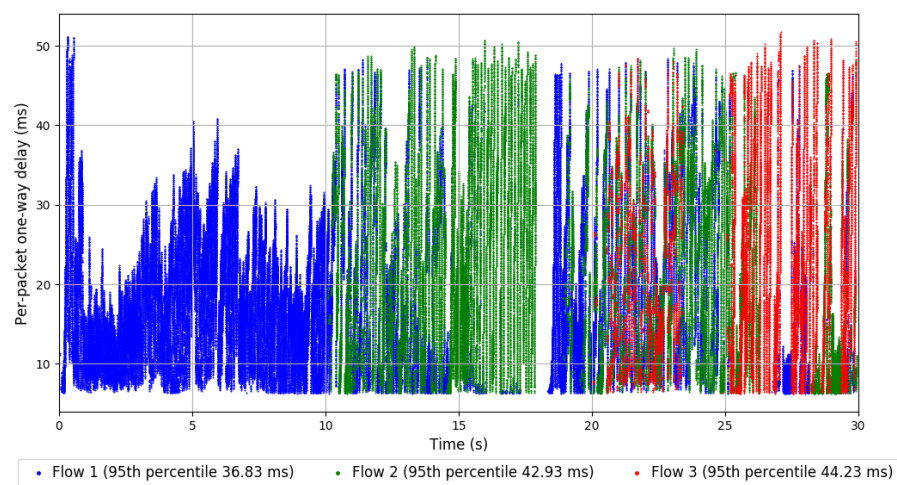
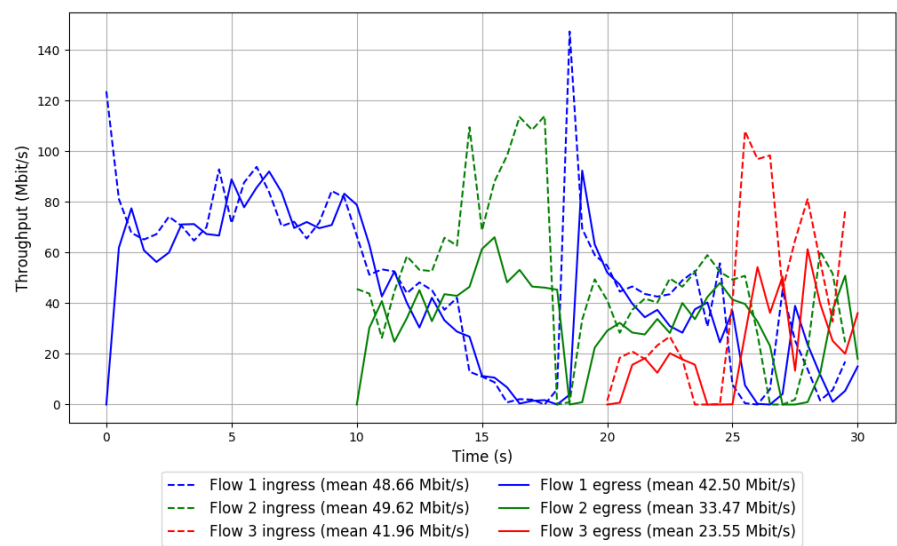


Run 3: Statistics of Verus

Start at: 2018-07-10 04:31:21
End at: 2018-07-10 04:31:51
Local clock offset: 2.999 ms
Remote clock offset: -2.598 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.41 Mbit/s
95th percentile per-packet one-way delay: 40.725 ms
Loss rate: 24.13%
-- Flow 1:
Average throughput: 42.50 Mbit/s
95th percentile per-packet one-way delay: 36.831 ms
Loss rate: 12.81%
-- Flow 2:
Average throughput: 33.47 Mbit/s
95th percentile per-packet one-way delay: 42.928 ms
Loss rate: 32.56%
-- Flow 3:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 44.231 ms
Loss rate: 43.74%

Run 3: Report of Verus — Data Link

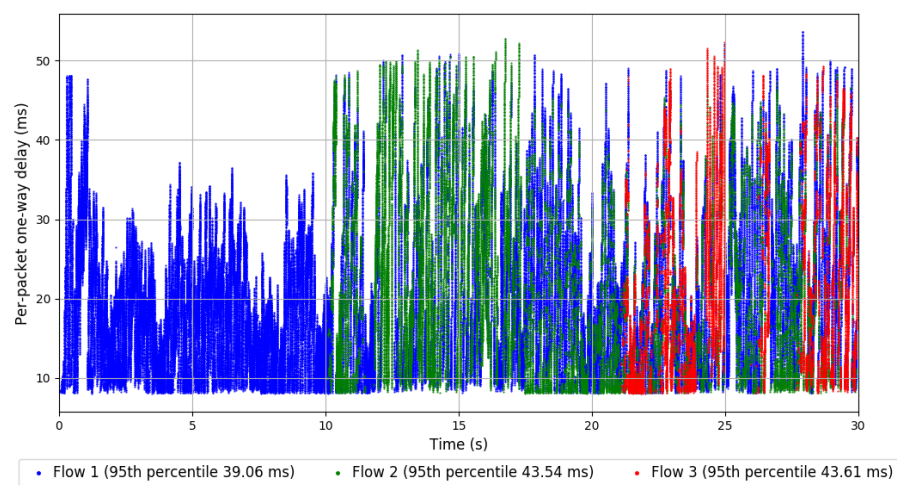
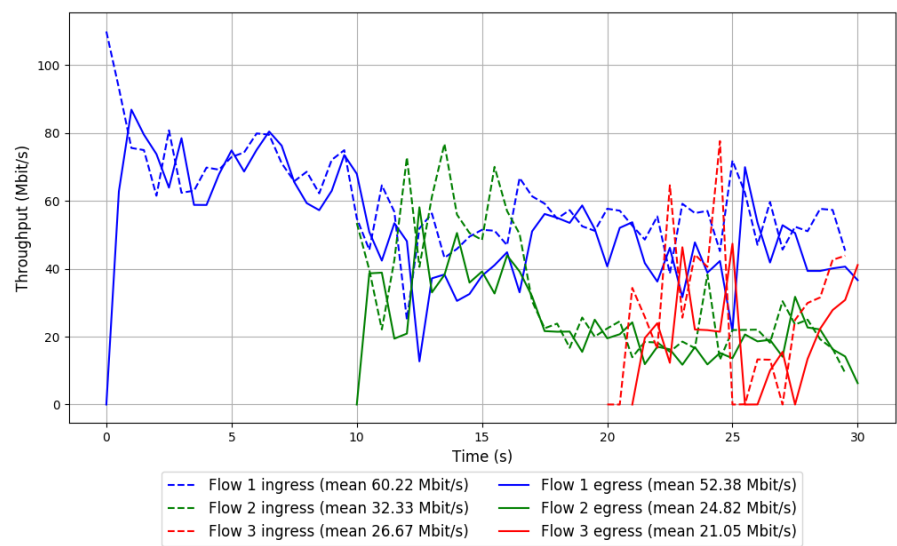


Run 4: Statistics of Verus

Start at: 2018-07-10 04:51:36
End at: 2018-07-10 04:52:06
Local clock offset: 2.5 ms
Remote clock offset: -1.689 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.17 Mbit/s
95th percentile per-packet one-way delay: 41.193 ms
Loss rate: 16.92%
-- Flow 1:
Average throughput: 52.38 Mbit/s
95th percentile per-packet one-way delay: 39.061 ms
Loss rate: 12.95%
-- Flow 2:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 43.536 ms
Loss rate: 23.16%
-- Flow 3:
Average throughput: 21.05 Mbit/s
95th percentile per-packet one-way delay: 43.613 ms
Loss rate: 28.84%

Run 4: Report of Verus — Data Link

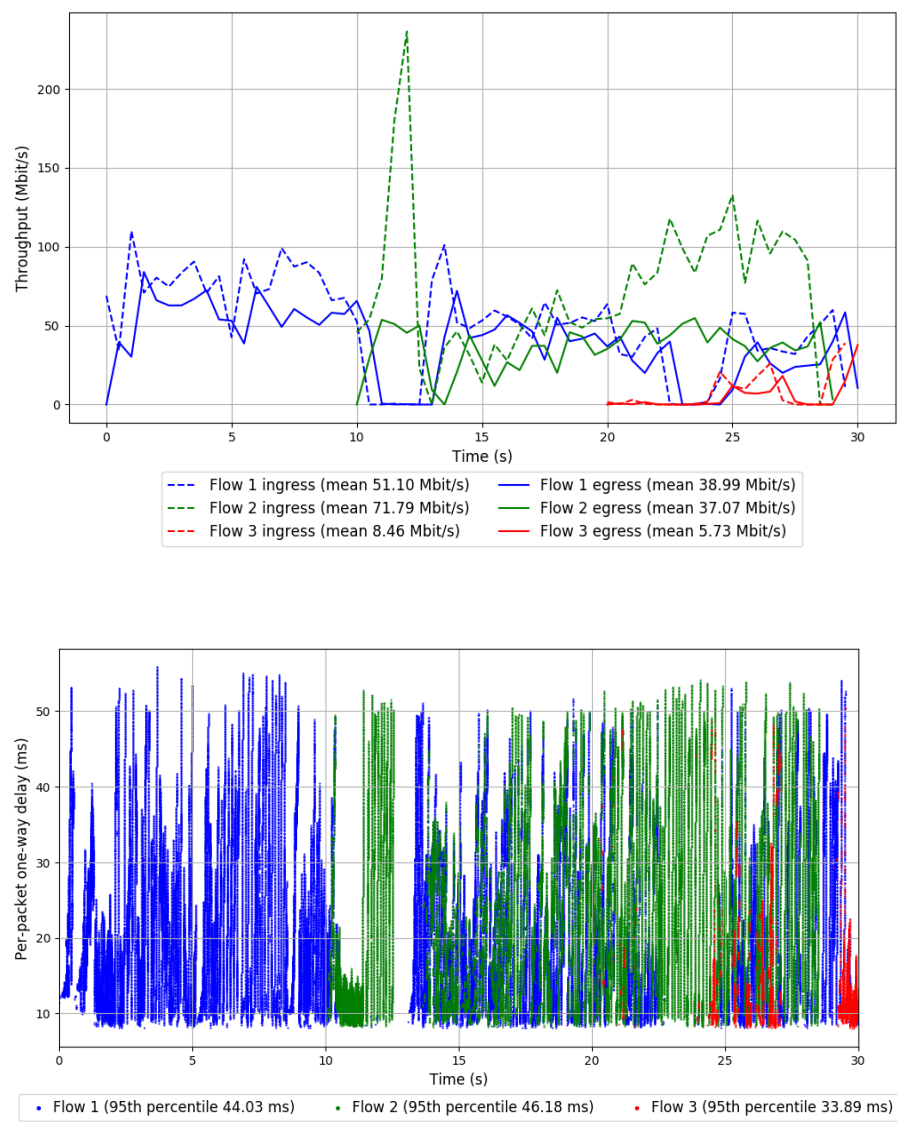


Run 5: Statistics of Verus

Start at: 2018-07-10 05:12:25
End at: 2018-07-10 05:12:55
Local clock offset: 3.208 ms
Remote clock offset: -0.554 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.76 Mbit/s
95th percentile per-packet one-way delay: 44.897 ms
Loss rate: 36.59%
-- Flow 1:
Average throughput: 38.99 Mbit/s
95th percentile per-packet one-way delay: 44.031 ms
Loss rate: 23.70%
-- Flow 2:
Average throughput: 37.07 Mbit/s
95th percentile per-packet one-way delay: 46.180 ms
Loss rate: 50.94%
-- Flow 3:
Average throughput: 5.73 Mbit/s
95th percentile per-packet one-way delay: 33.886 ms
Loss rate: 32.31%

Run 5: Report of Verus — Data Link

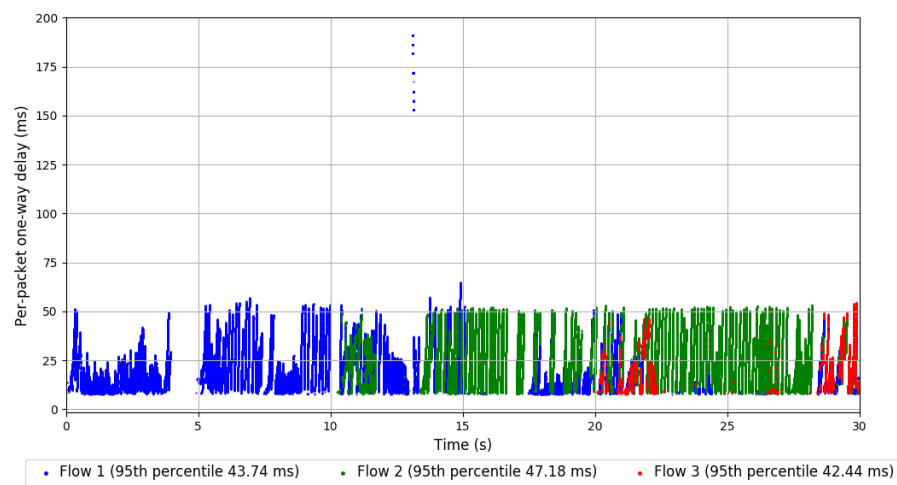
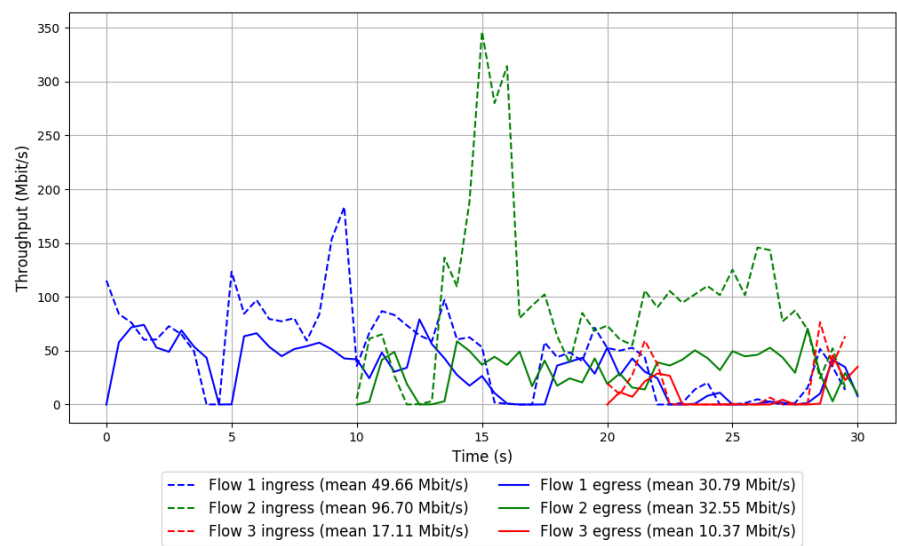


Run 6: Statistics of Verus

Start at: 2018-07-10 05:33:24
End at: 2018-07-10 05:33:54
Local clock offset: 3.515 ms
Remote clock offset: -2.358 ms

Below is generated by plot.py at 2018-07-10 07:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.63 Mbit/s
95th percentile per-packet one-way delay: 45.667 ms
Loss rate: 53.22%
-- Flow 1:
Average throughput: 30.79 Mbit/s
95th percentile per-packet one-way delay: 43.739 ms
Loss rate: 37.98%
-- Flow 2:
Average throughput: 32.55 Mbit/s
95th percentile per-packet one-way delay: 47.179 ms
Loss rate: 66.34%
-- Flow 3:
Average throughput: 10.37 Mbit/s
95th percentile per-packet one-way delay: 42.439 ms
Loss rate: 39.51%

Run 6: Report of Verus — Data Link

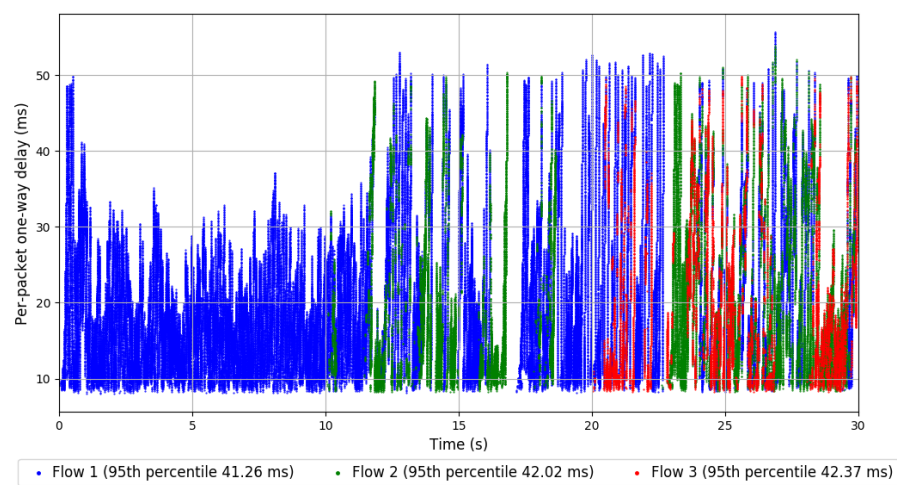
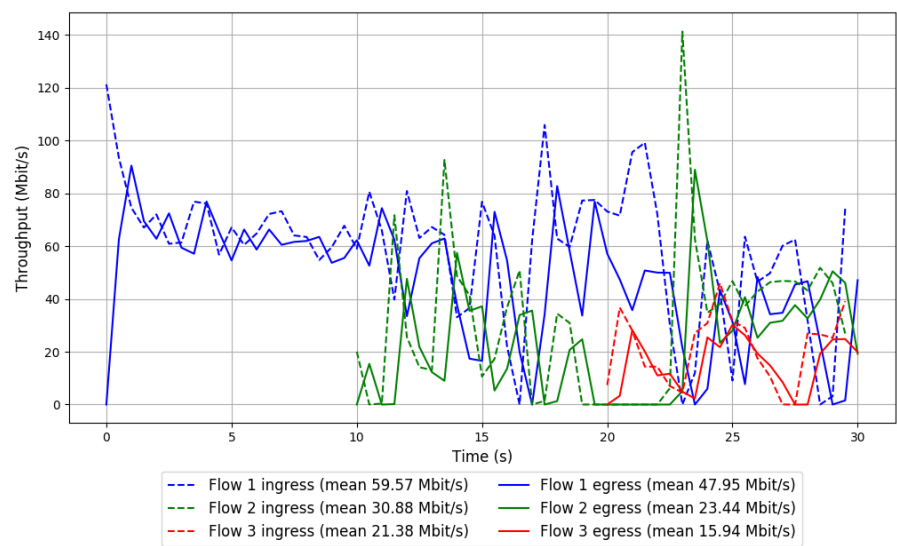


Run 7: Statistics of Verus

Start at: 2018-07-10 05:54:19
End at: 2018-07-10 05:54:49
Local clock offset: 3.767 ms
Remote clock offset: -4.778 ms

Below is generated by plot.py at 2018-07-10 07:24:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.81 Mbit/s
95th percentile per-packet one-way delay: 41.581 ms
Loss rate: 20.99%
-- Flow 1:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 41.262 ms
Loss rate: 19.46%
-- Flow 2:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 42.015 ms
Loss rate: 23.97%
-- Flow 3:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 42.370 ms
Loss rate: 25.23%

Run 7: Report of Verus — Data Link

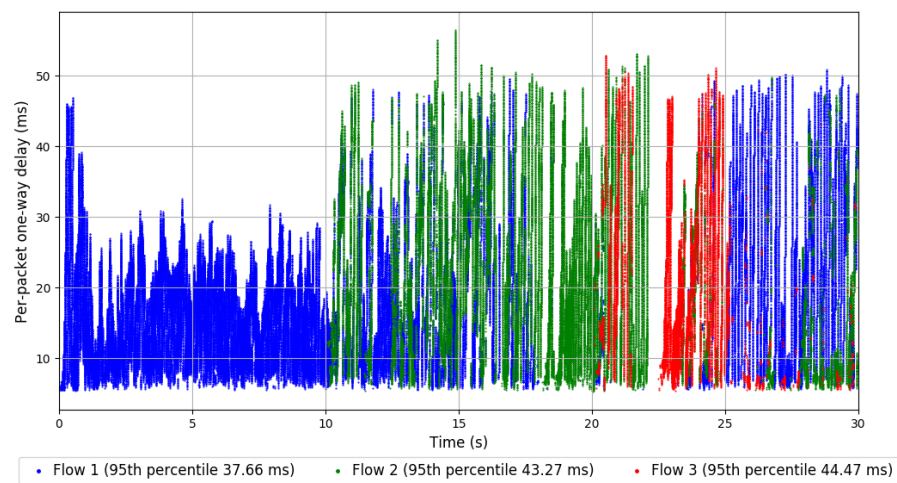
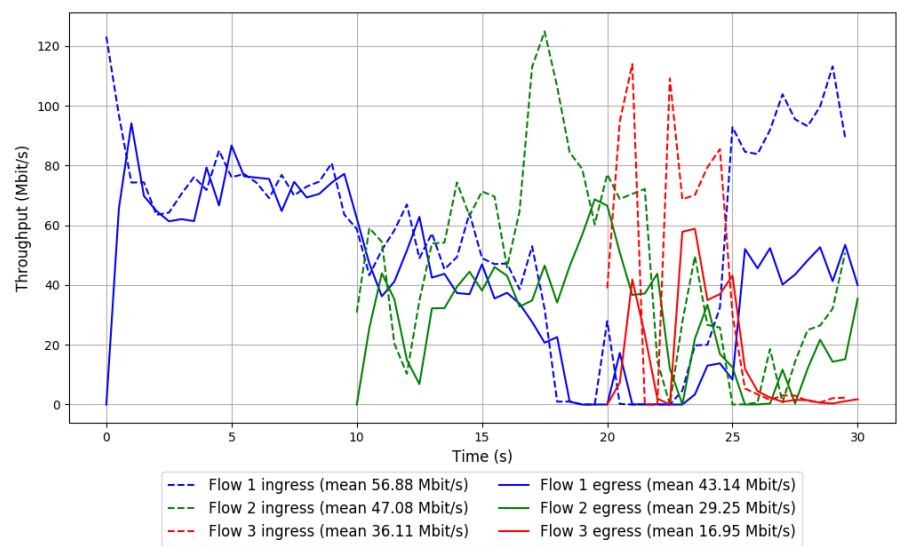


Run 8: Statistics of Verus

Start at: 2018-07-10 06:14:41
End at: 2018-07-10 06:15:11
Local clock offset: 2.469 ms
Remote clock offset: -14.936 ms

Below is generated by plot.py at 2018-07-10 07:24:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.14 Mbit/s
95th percentile per-packet one-way delay: 40.935 ms
Loss rate: 31.88%
-- Flow 1:
Average throughput: 43.14 Mbit/s
95th percentile per-packet one-way delay: 37.655 ms
Loss rate: 24.06%
-- Flow 2:
Average throughput: 29.25 Mbit/s
95th percentile per-packet one-way delay: 43.271 ms
Loss rate: 37.90%
-- Flow 3:
Average throughput: 16.95 Mbit/s
95th percentile per-packet one-way delay: 44.474 ms
Loss rate: 53.34%

Run 8: Report of Verus — Data Link

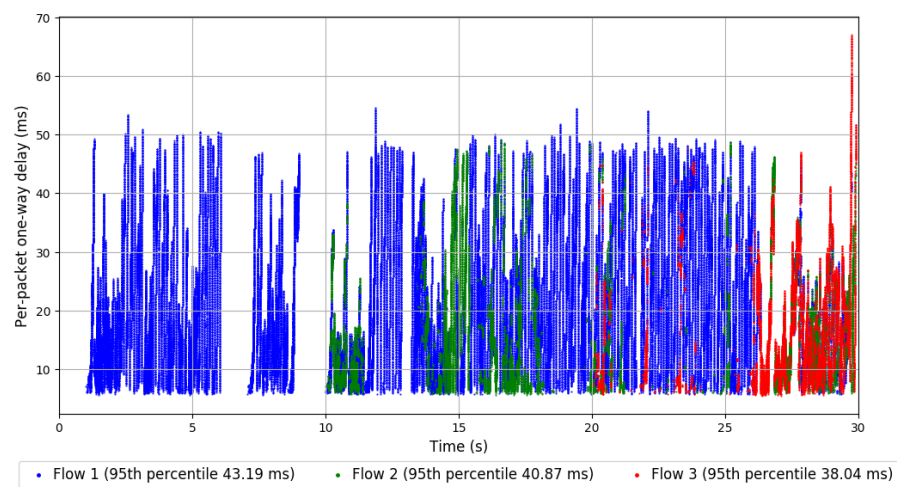
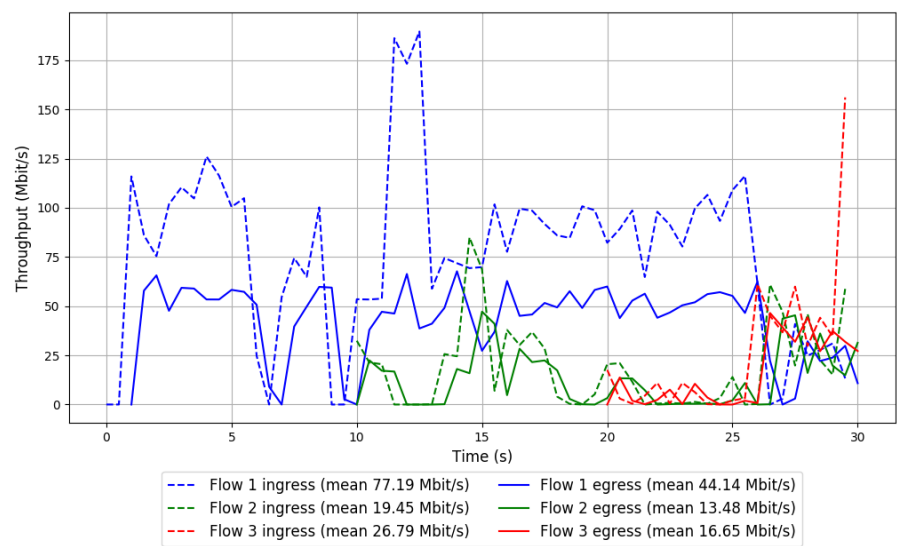


Run 9: Statistics of Verus

Start at: 2018-07-10 06:35:06
End at: 2018-07-10 06:35:36
Local clock offset: 1.483 ms
Remote clock offset: -13.886 ms

Below is generated by plot.py at 2018-07-10 07:24:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 42.691 ms
Loss rate: 42.23%
-- Flow 1:
Average throughput: 44.14 Mbit/s
95th percentile per-packet one-way delay: 43.191 ms
Loss rate: 44.69%
-- Flow 2:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 40.867 ms
Loss rate: 30.71%
-- Flow 3:
Average throughput: 16.65 Mbit/s
95th percentile per-packet one-way delay: 38.044 ms
Loss rate: 37.72%

Run 9: Report of Verus — Data Link

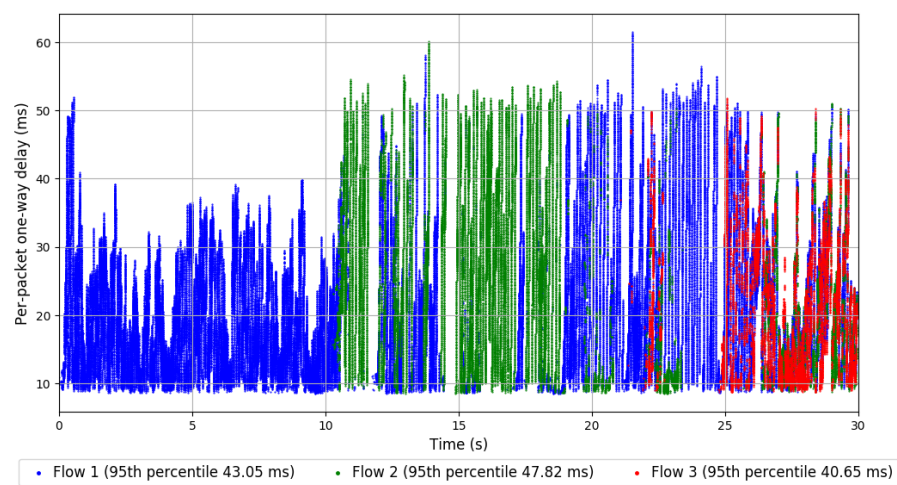
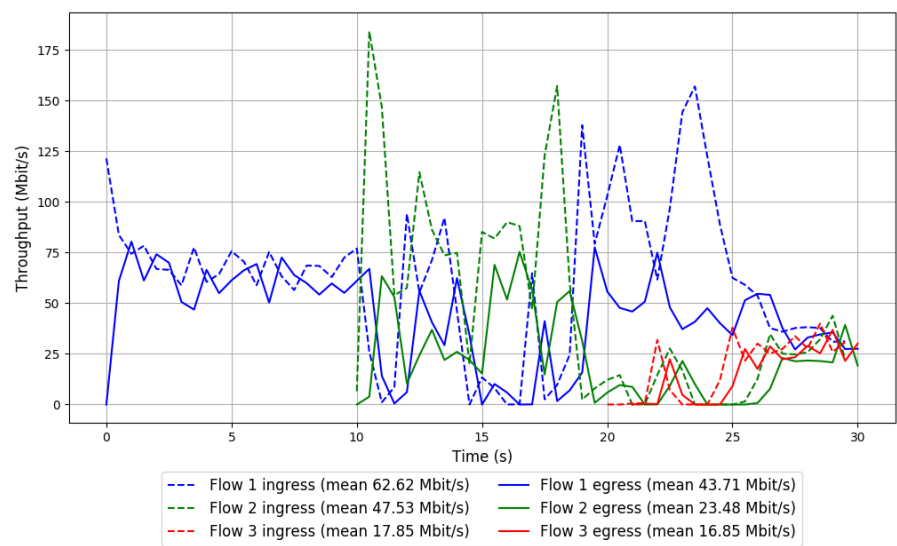


Run 10: Statistics of Verus

Start at: 2018-07-10 06:55:25
End at: 2018-07-10 06:55:55
Local clock offset: 3.092 ms
Remote clock offset: -9.036 ms

Below is generated by plot.py at 2018-07-10 07:24:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.14 Mbit/s
95th percentile per-packet one-way delay: 44.817 ms
Loss rate: 35.69%
-- Flow 1:
Average throughput: 43.71 Mbit/s
95th percentile per-packet one-way delay: 43.052 ms
Loss rate: 30.17%
-- Flow 2:
Average throughput: 23.48 Mbit/s
95th percentile per-packet one-way delay: 47.817 ms
Loss rate: 50.59%
-- Flow 3:
Average throughput: 16.85 Mbit/s
95th percentile per-packet one-way delay: 40.647 ms
Loss rate: 15.28%

Run 10: Report of Verus — Data Link

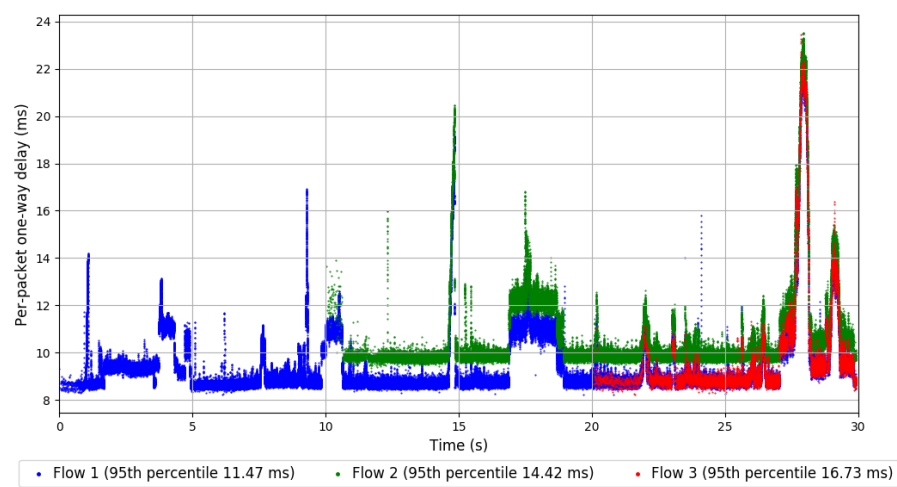
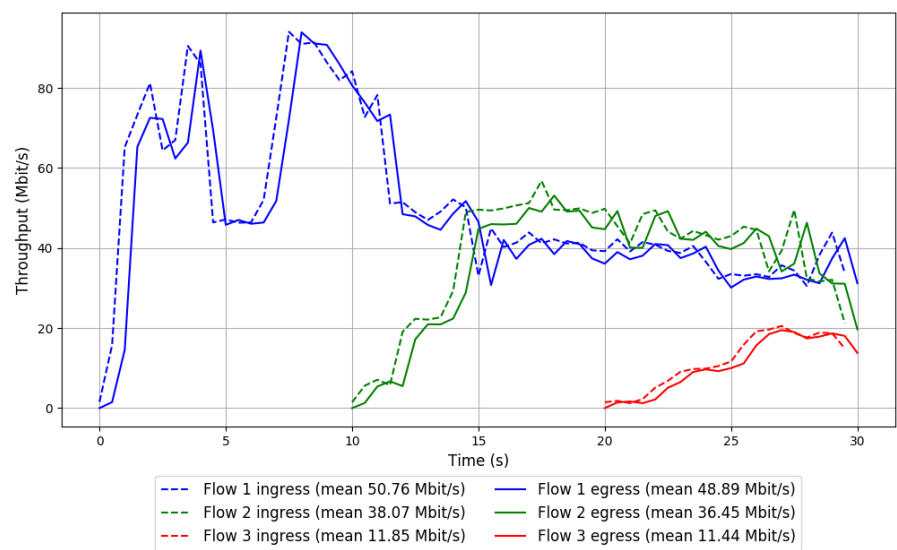


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-10 03:54:07
End at: 2018-07-10 03:54:37
Local clock offset: 3.179 ms
Remote clock offset: -5.204 ms

Below is generated by plot.py at 2018-07-10 07:25:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.91 Mbit/s
95th percentile per-packet one-way delay: 12.733 ms
Loss rate: 3.86%
-- Flow 1:
Average throughput: 48.89 Mbit/s
95th percentile per-packet one-way delay: 11.474 ms
Loss rate: 3.68%
-- Flow 2:
Average throughput: 36.45 Mbit/s
95th percentile per-packet one-way delay: 14.417 ms
Loss rate: 4.26%
-- Flow 3:
Average throughput: 11.44 Mbit/s
95th percentile per-packet one-way delay: 16.729 ms
Loss rate: 3.48%

Run 1: Report of PCC-Vivace — Data Link

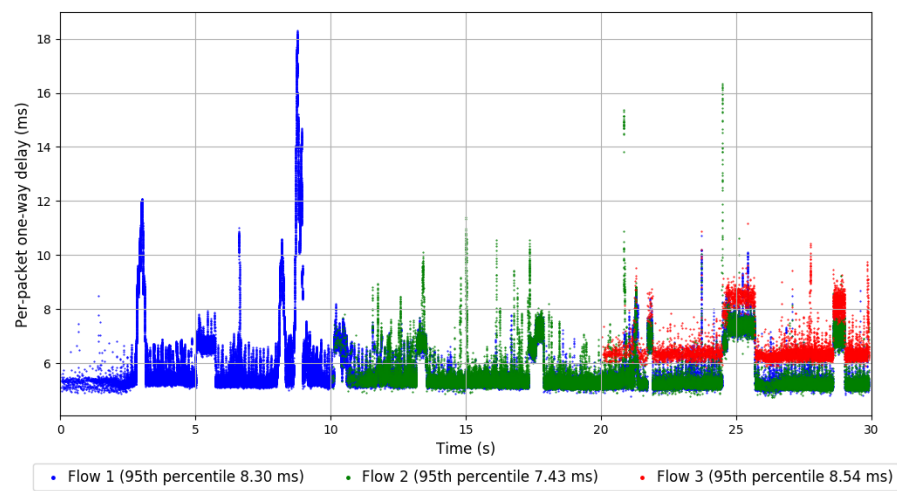
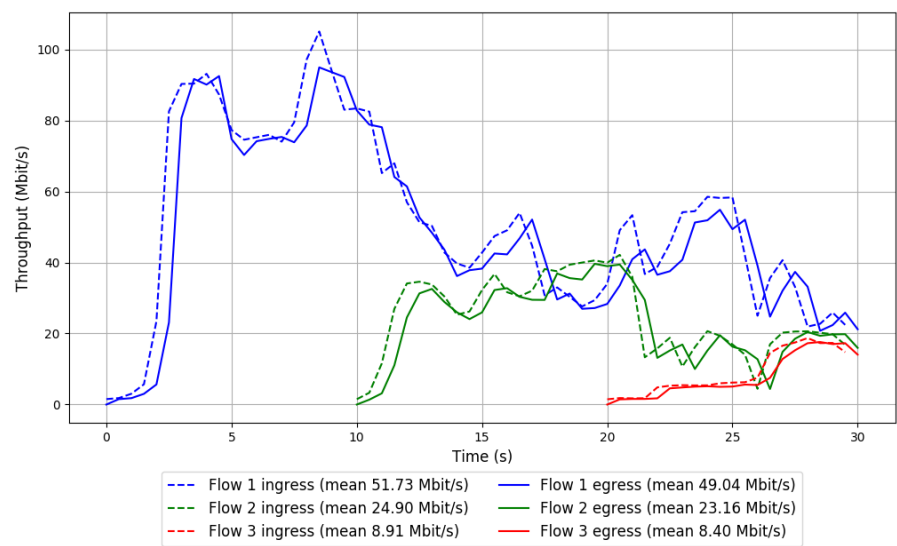


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-10 04:14:48
End at: 2018-07-10 04:15:18
Local clock offset: 4.678 ms
Remote clock offset: -4.524 ms

Below is generated by plot.py at 2018-07-10 07:25:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.22 Mbit/s
95th percentile per-packet one-way delay: 7.911 ms
Loss rate: 5.64%
-- Flow 1:
Average throughput: 49.04 Mbit/s
95th percentile per-packet one-way delay: 8.299 ms
Loss rate: 5.21%
-- Flow 2:
Average throughput: 23.16 Mbit/s
95th percentile per-packet one-way delay: 7.431 ms
Loss rate: 7.00%
-- Flow 3:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 8.538 ms
Loss rate: 5.64%

Run 2: Report of PCC-Vivace — Data Link

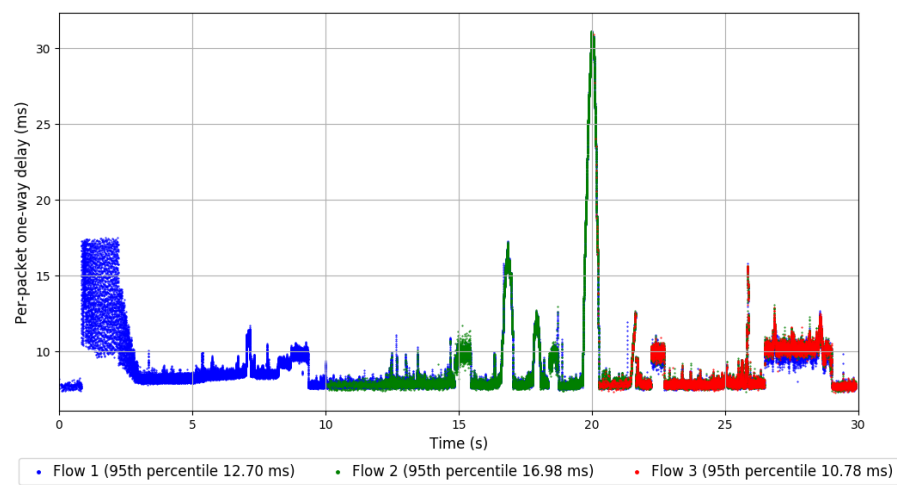
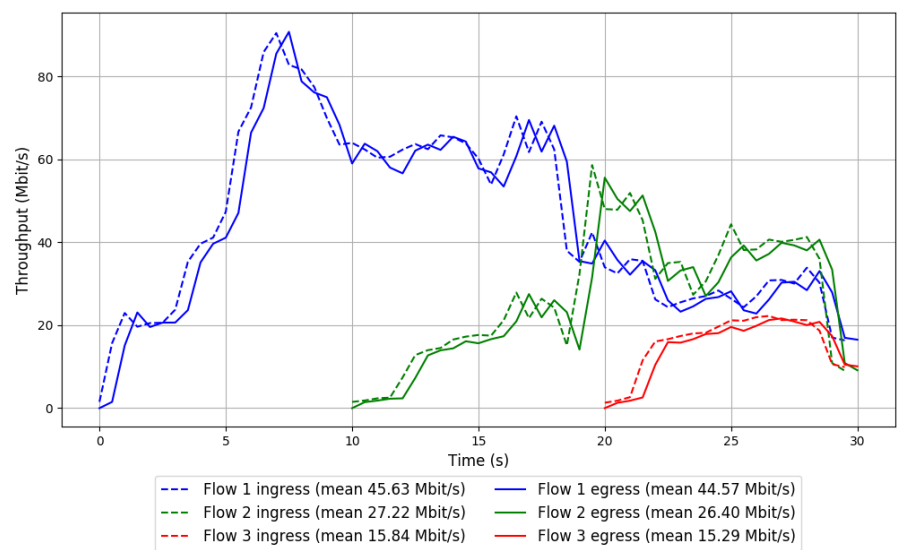


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-10 04:34:55
End at: 2018-07-10 04:35:25
Local clock offset: 2.024 ms
Remote clock offset: -2.348 ms

Below is generated by plot.py at 2018-07-10 07:25:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.17 Mbit/s
95th percentile per-packet one-way delay: 13.394 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 44.57 Mbit/s
95th percentile per-packet one-way delay: 12.698 ms
Loss rate: 2.31%
-- Flow 2:
Average throughput: 26.40 Mbit/s
95th percentile per-packet one-way delay: 16.984 ms
Loss rate: 3.00%
-- Flow 3:
Average throughput: 15.29 Mbit/s
95th percentile per-packet one-way delay: 10.776 ms
Loss rate: 3.71%

Run 3: Report of PCC-Vivace — Data Link

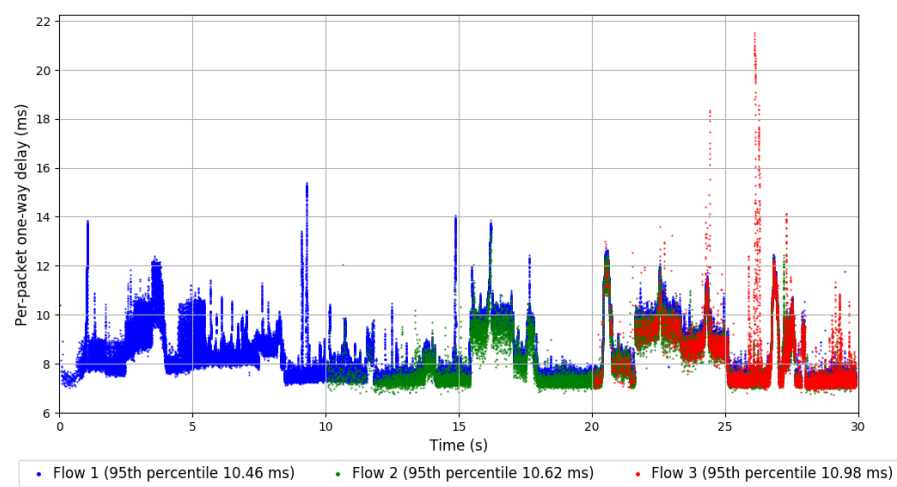
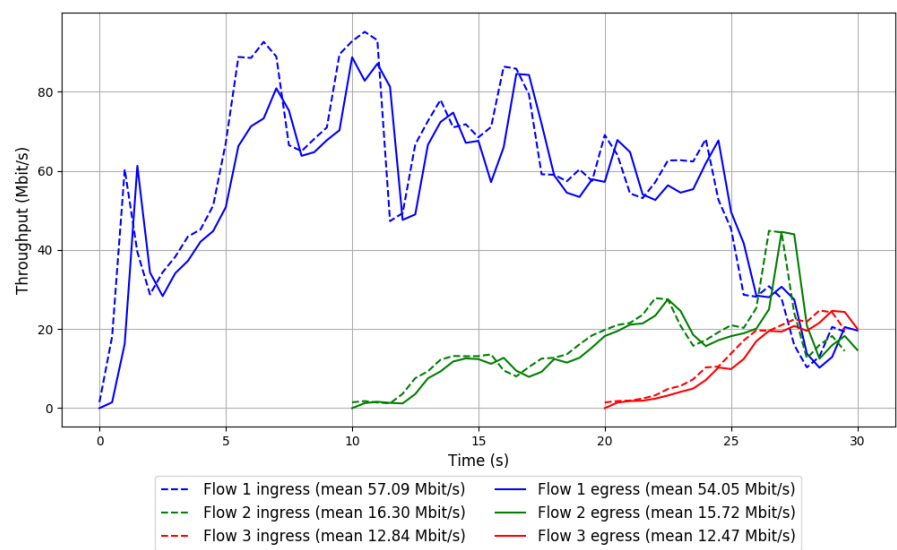


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-10 04:55:26
End at: 2018-07-10 04:55:56
Local clock offset: 2.546 ms
Remote clock offset: -2.537 ms

Below is generated by plot.py at 2018-07-10 07:25:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.62 Mbit/s
95th percentile per-packet one-way delay: 10.511 ms
Loss rate: 4.93%
-- Flow 1:
Average throughput: 54.05 Mbit/s
95th percentile per-packet one-way delay: 10.463 ms
Loss rate: 5.33%
-- Flow 2:
Average throughput: 15.72 Mbit/s
95th percentile per-packet one-way delay: 10.615 ms
Loss rate: 3.61%
-- Flow 3:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 10.977 ms
Loss rate: 2.89%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-07-10 05:16:28

End at: 2018-07-10 05:16:58

Local clock offset: 4.147 ms

Remote clock offset: 0.233 ms

Below is generated by plot.py at 2018-07-10 07:25:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 64.68 Mbit/s

95th percentile per-packet one-way delay: 15.881 ms

Loss rate: 8.50%

-- Flow 1:

Average throughput: 54.59 Mbit/s

95th percentile per-packet one-way delay: 17.032 ms

Loss rate: 8.64%

-- Flow 2:

Average throughput: 6.43 Mbit/s

95th percentile per-packet one-way delay: 11.570 ms

Loss rate: 7.39%

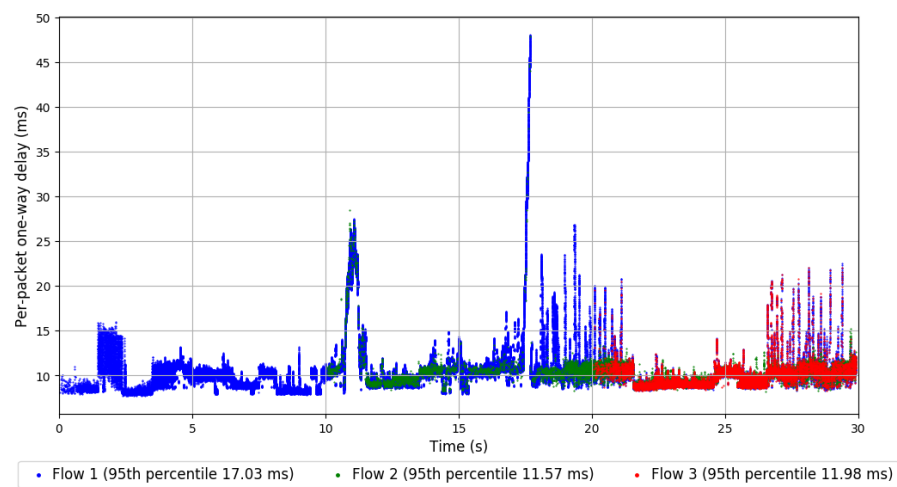
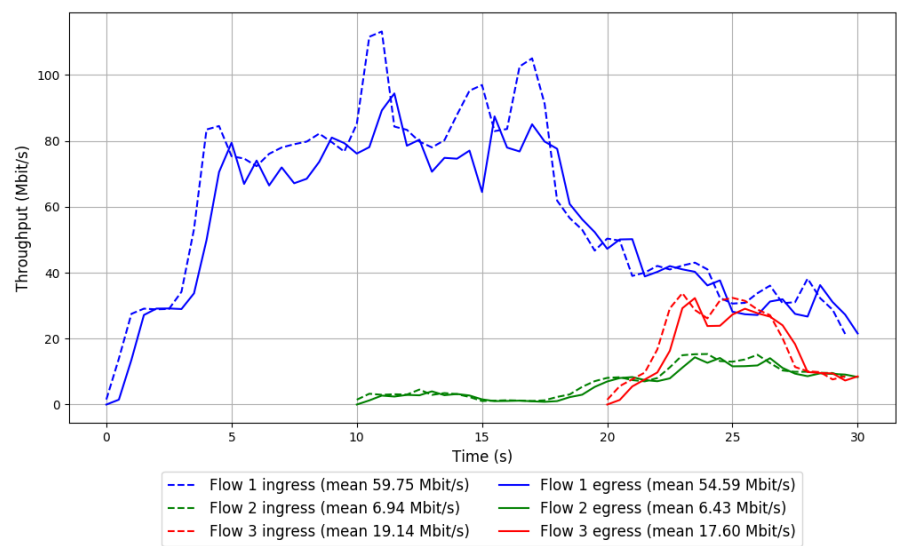
-- Flow 3:

Average throughput: 17.60 Mbit/s

95th percentile per-packet one-way delay: 11.979 ms

Loss rate: 8.02%

Run 5: Report of PCC-Vivace — Data Link

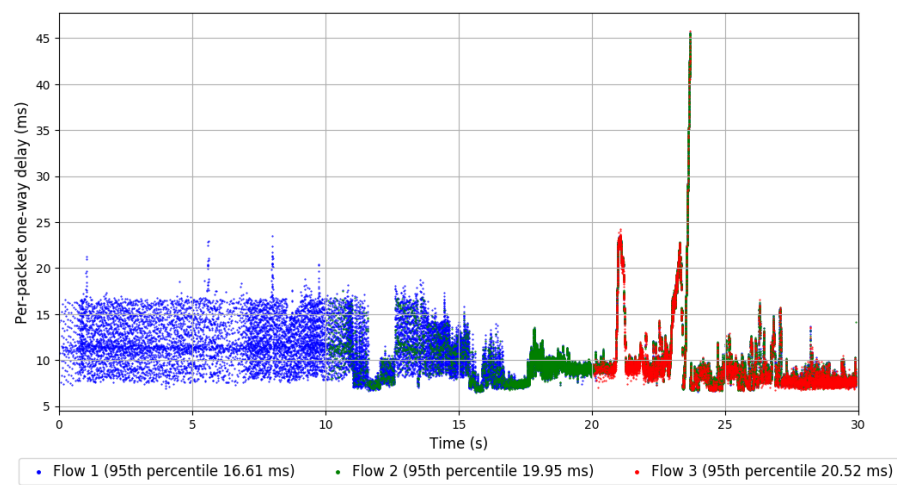
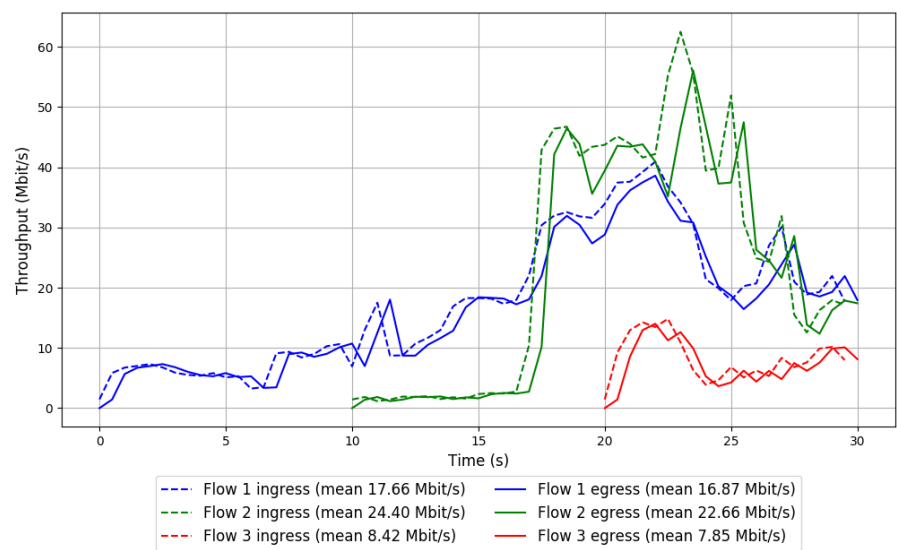


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-10 05:37:16
End at: 2018-07-10 05:37:46
Local clock offset: -1.953 ms
Remote clock offset: -8.753 ms

Below is generated by plot.py at 2018-07-10 07:25:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.53 Mbit/s
95th percentile per-packet one-way delay: 18.668 ms
Loss rate: 5.85%
-- Flow 1:
Average throughput: 16.87 Mbit/s
95th percentile per-packet one-way delay: 16.606 ms
Loss rate: 4.51%
-- Flow 2:
Average throughput: 22.66 Mbit/s
95th percentile per-packet one-way delay: 19.948 ms
Loss rate: 7.14%
-- Flow 3:
Average throughput: 7.85 Mbit/s
95th percentile per-packet one-way delay: 20.519 ms
Loss rate: 6.77%

Run 6: Report of PCC-Vivace — Data Link

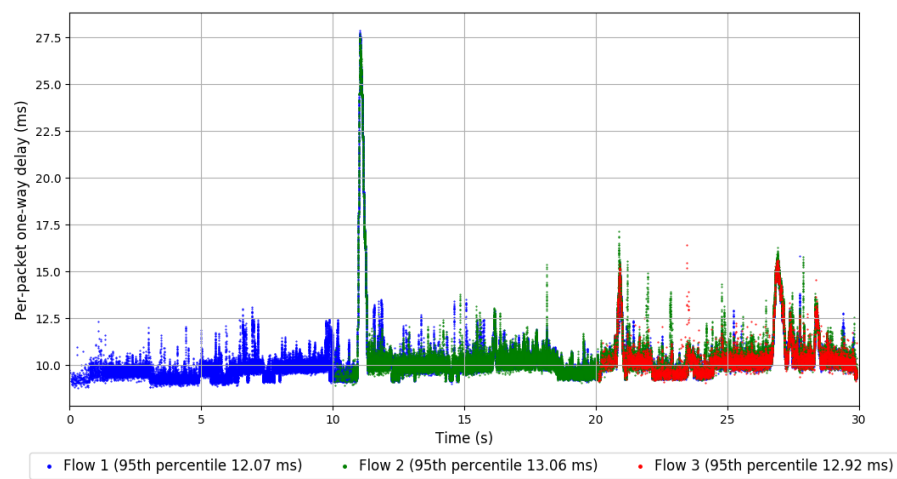
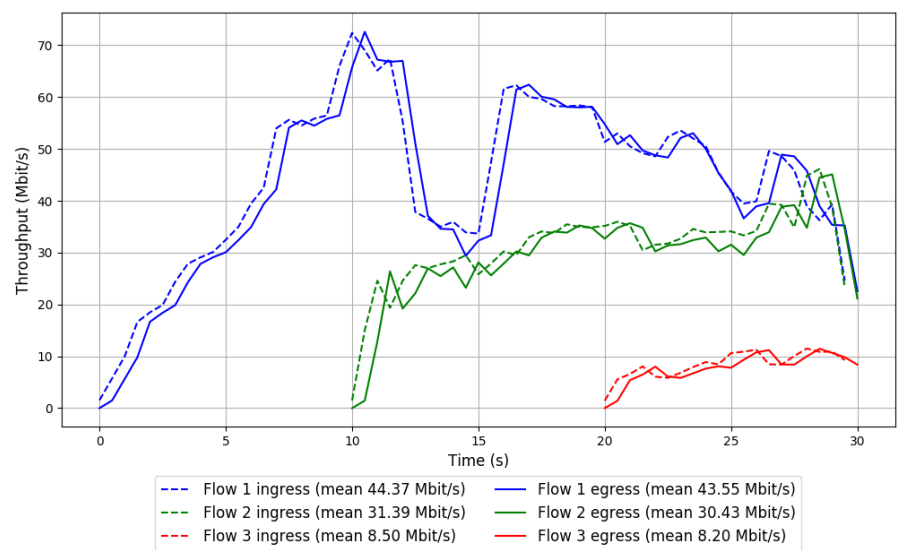


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-10 05:58:12
End at: 2018-07-10 05:58:42
Local clock offset: 2.971 ms
Remote clock offset: -6.235 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.49 Mbit/s
95th percentile per-packet one-way delay: 12.497 ms
Loss rate: 2.31%
-- Flow 1:
Average throughput: 43.55 Mbit/s
95th percentile per-packet one-way delay: 12.069 ms
Loss rate: 1.87%
-- Flow 2:
Average throughput: 30.43 Mbit/s
95th percentile per-packet one-way delay: 13.057 ms
Loss rate: 3.09%
-- Flow 3:
Average throughput: 8.20 Mbit/s
95th percentile per-packet one-way delay: 12.924 ms
Loss rate: 3.57%

Run 7: Report of PCC-Vivace — Data Link

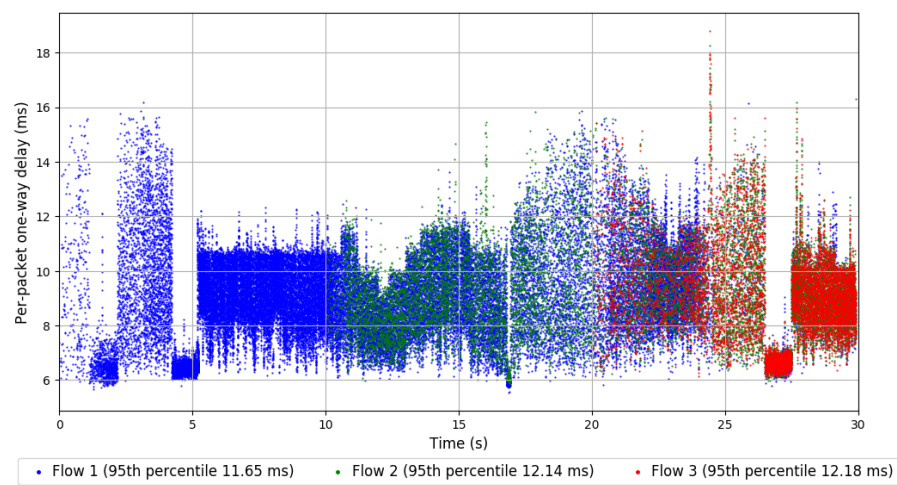
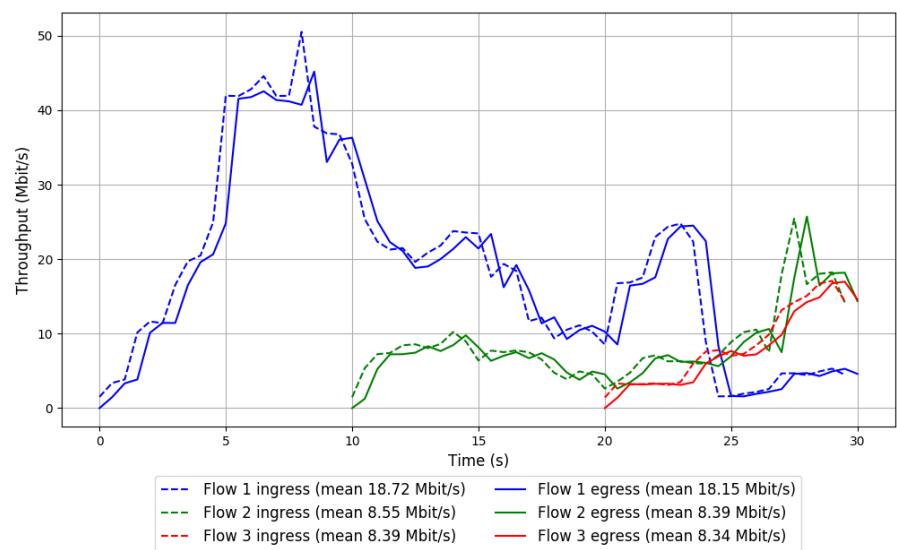


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-10 06:18:31
End at: 2018-07-10 06:19:01
Local clock offset: 1.862 ms
Remote clock offset: -15.716 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.47 Mbit/s
95th percentile per-packet one-way delay: 11.827 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 18.15 Mbit/s
95th percentile per-packet one-way delay: 11.649 ms
Loss rate: 3.06%
-- Flow 2:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 12.137 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 8.34 Mbit/s
95th percentile per-packet one-way delay: 12.180 ms
Loss rate: 0.71%

Run 8: Report of PCC-Vivace — Data Link

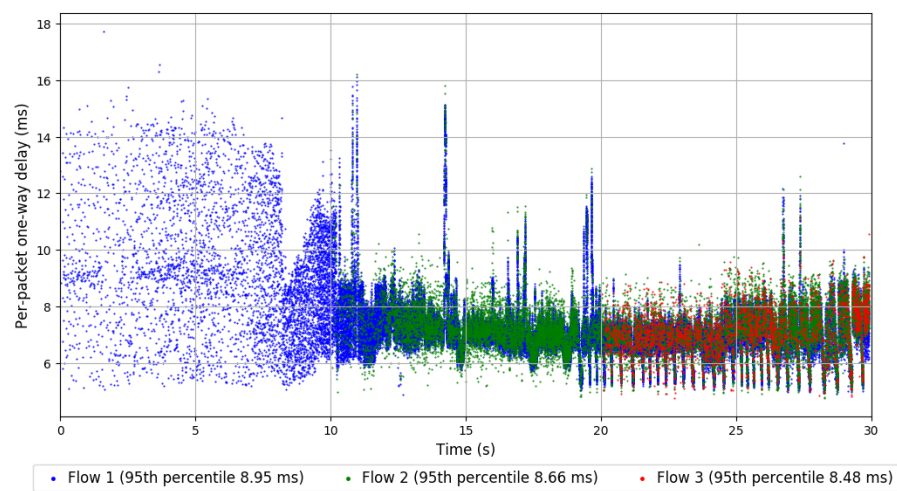
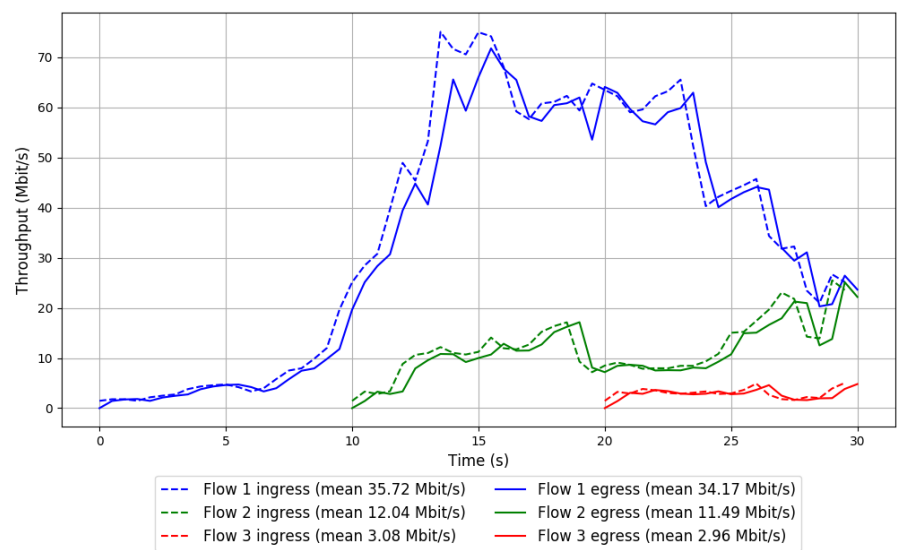


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-10 06:38:44
End at: 2018-07-10 06:39:14
Local clock offset: 3.387 ms
Remote clock offset: -12.582 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 42.79 Mbit/s
95th percentile per-packet one-way delay: 8.810 ms
Loss rate: 4.38%
-- Flow 1:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 8.945 ms
Loss rate: 4.36%
-- Flow 2:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 8.662 ms
Loss rate: 4.58%
-- Flow 3:
Average throughput: 2.96 Mbit/s
95th percentile per-packet one-way delay: 8.480 ms
Loss rate: 3.82%

Run 9: Report of PCC-Vivace — Data Link

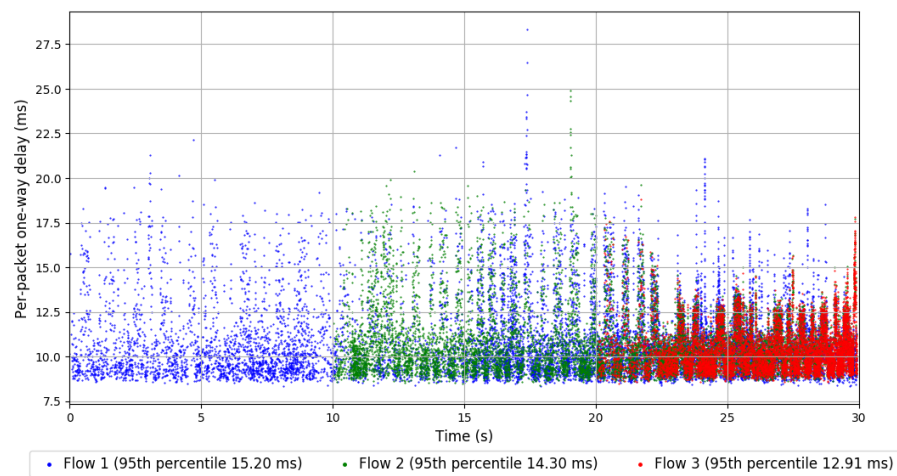
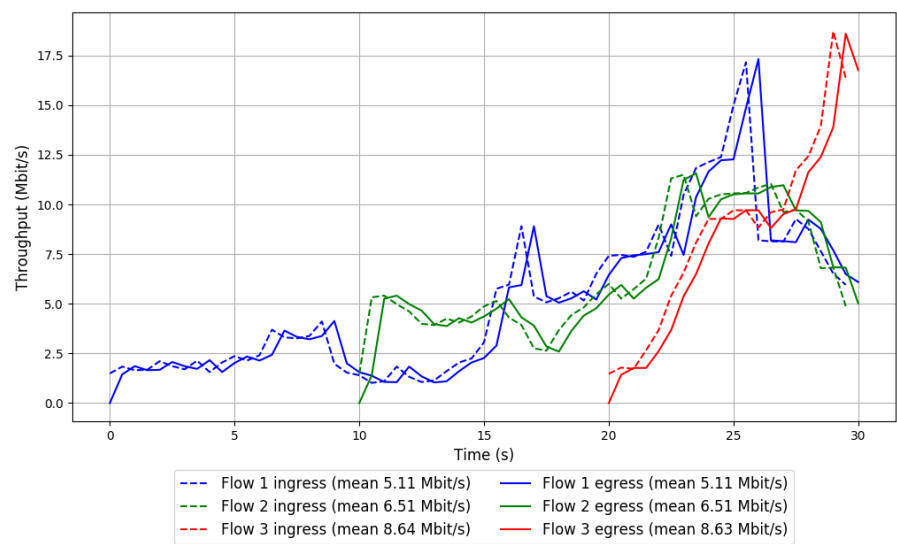


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-10 06:58:57
End at: 2018-07-10 06:59:27
Local clock offset: 2.385 ms
Remote clock offset: -9.598 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 14.390 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 15.195 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 6.51 Mbit/s
95th percentile per-packet one-way delay: 14.305 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 8.63 Mbit/s
95th percentile per-packet one-way delay: 12.909 ms
Loss rate: 0.12%

Run 10: Report of PCC-Vivace — Data Link

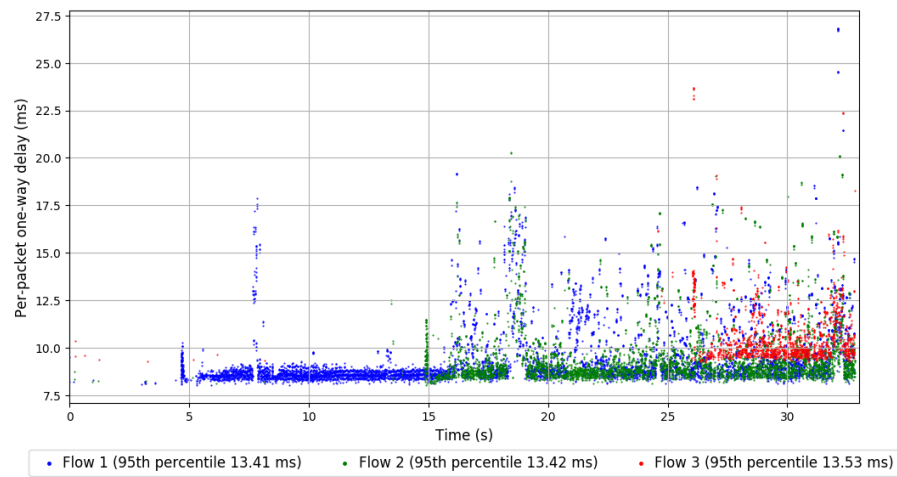
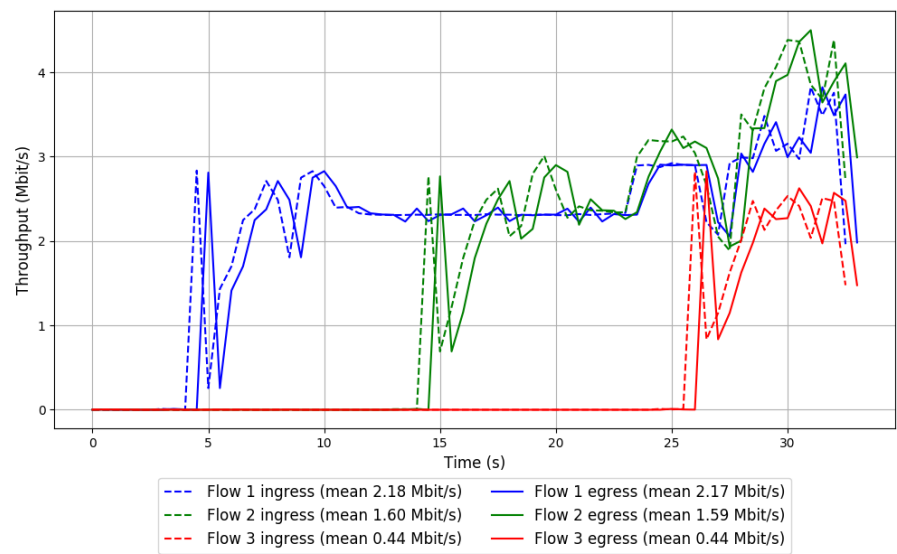


Run 1: Statistics of WebRTC media

Start at: 2018-07-10 03:55:23
End at: 2018-07-10 03:55:53
Local clock offset: 3.423 ms
Remote clock offset: -5.237 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 13.442 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 13.410 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 13.419 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 13.534 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

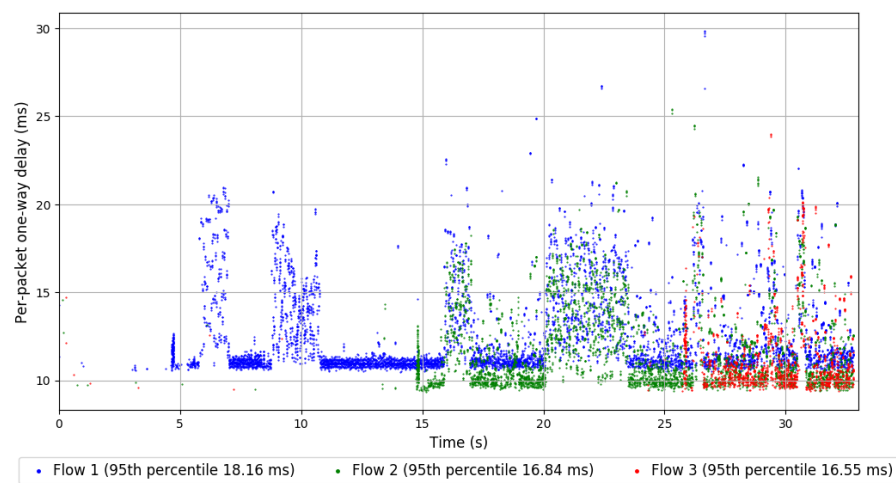
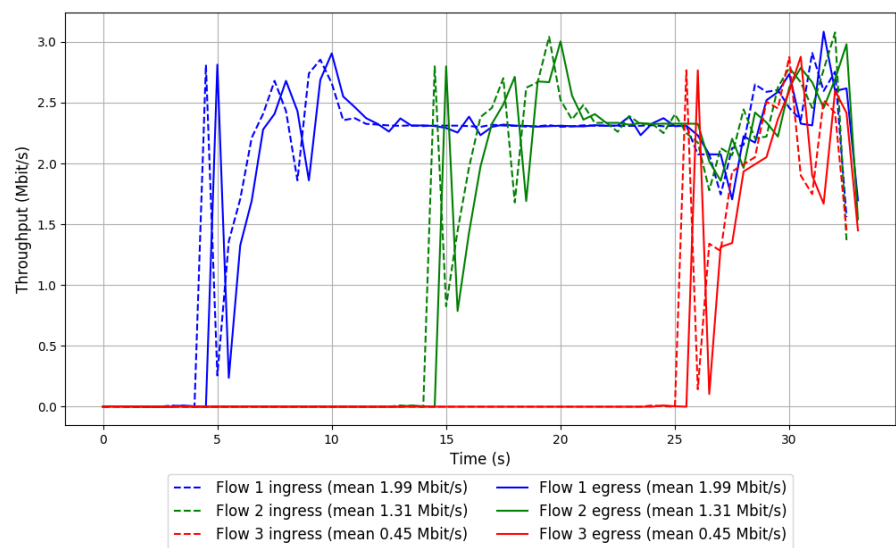


Run 2: Statistics of WebRTC media

Start at: 2018-07-10 04:16:03
End at: 2018-07-10 04:16:33
Local clock offset: 0.393 ms
Remote clock offset: -3.893 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 17.717 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 18.159 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 16.835 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 16.554 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-07-10 04:36:05

End at: 2018-07-10 04:36:35

Local clock offset: 2.801 ms

Remote clock offset: -2.1 ms

Below is generated by plot.py at 2018-07-10 07:25:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.69 Mbit/s

95th percentile per-packet one-way delay: 15.689 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.90 Mbit/s

95th percentile per-packet one-way delay: 15.836 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.33 Mbit/s

95th percentile per-packet one-way delay: 16.130 ms

Loss rate: 0.00%

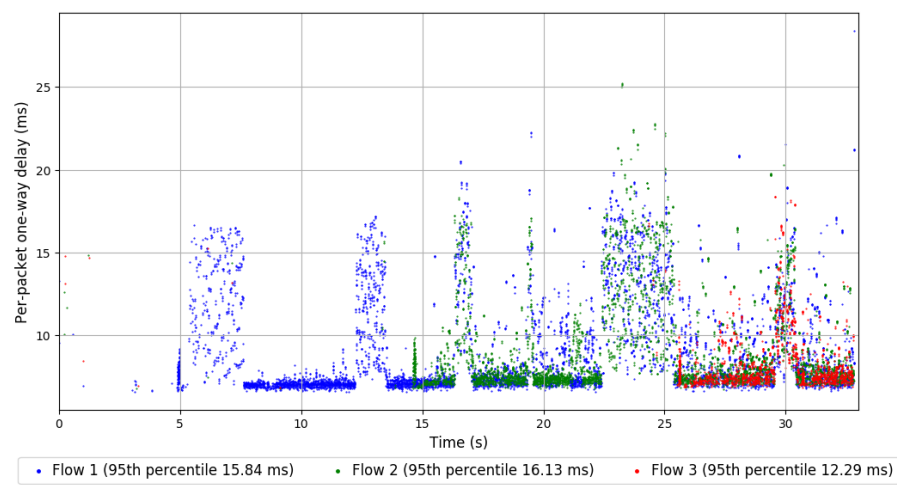
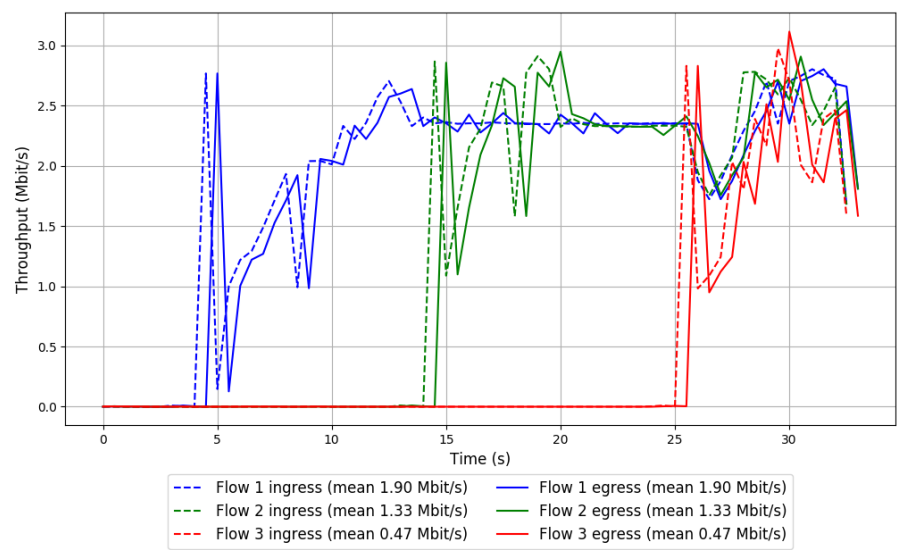
-- Flow 3:

Average throughput: 0.47 Mbit/s

95th percentile per-packet one-way delay: 12.287 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

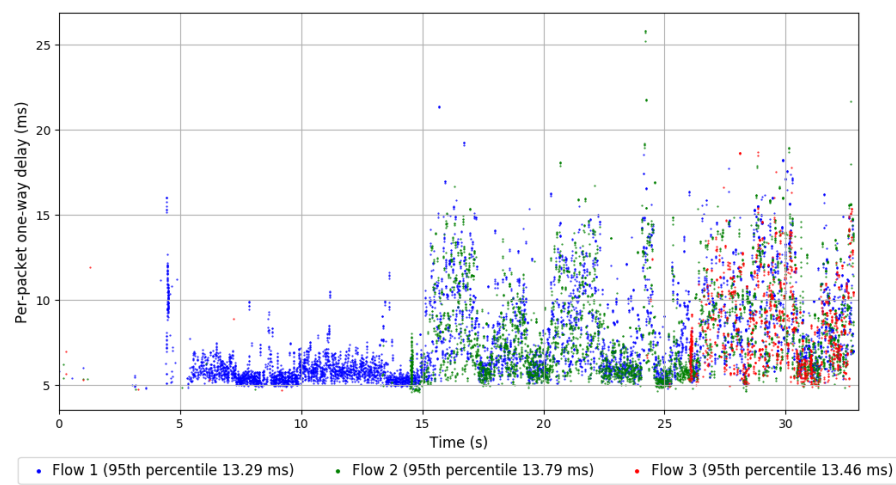
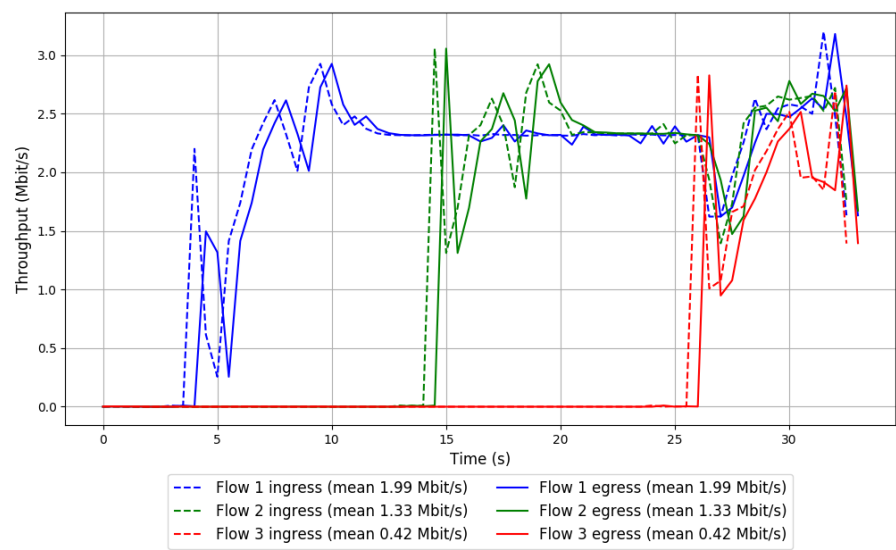


Run 4: Statistics of WebRTC media

Start at: 2018-07-10 04:56:38
End at: 2018-07-10 04:57:08
Local clock offset: 3.442 ms
Remote clock offset: -3.863 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 13.543 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 13.285 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 13.791 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 13.460 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

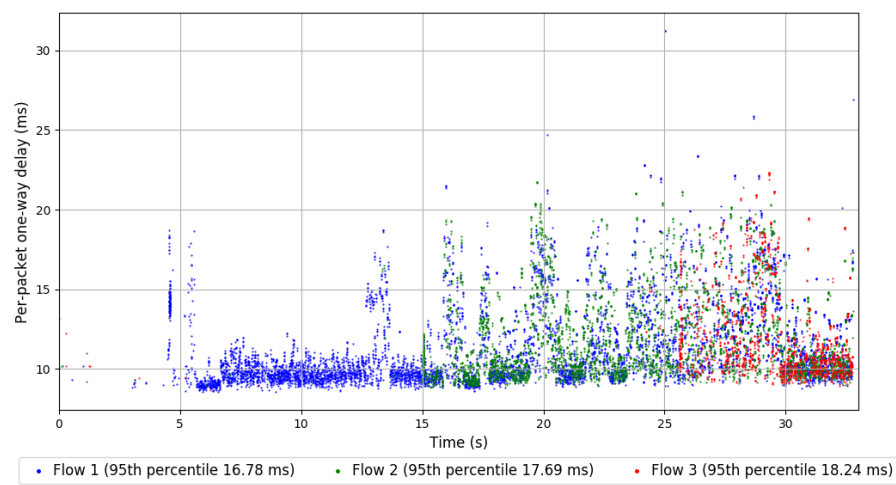
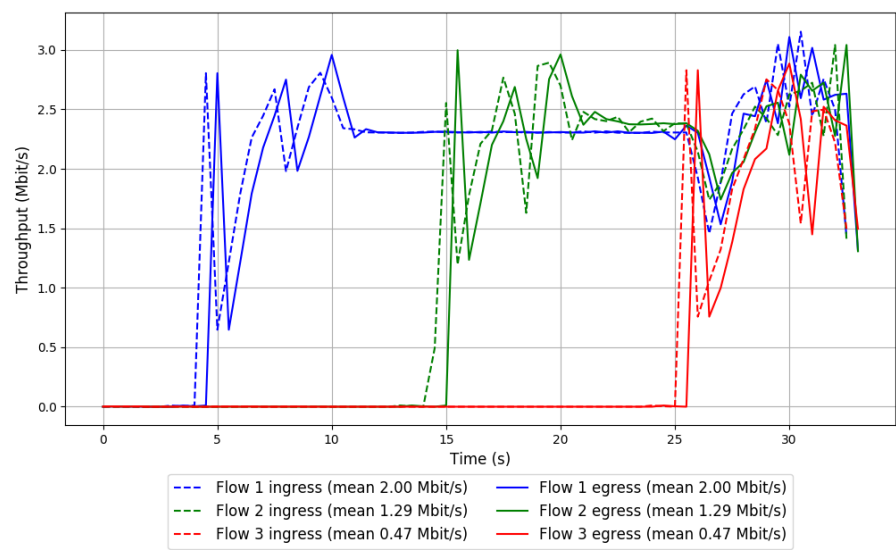


Run 5: Statistics of WebRTC media

Start at: 2018-07-10 05:17:40
End at: 2018-07-10 05:18:10
Local clock offset: 3.0 ms
Remote clock offset: -0.327 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 17.344 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 16.776 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 17.691 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 18.244 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

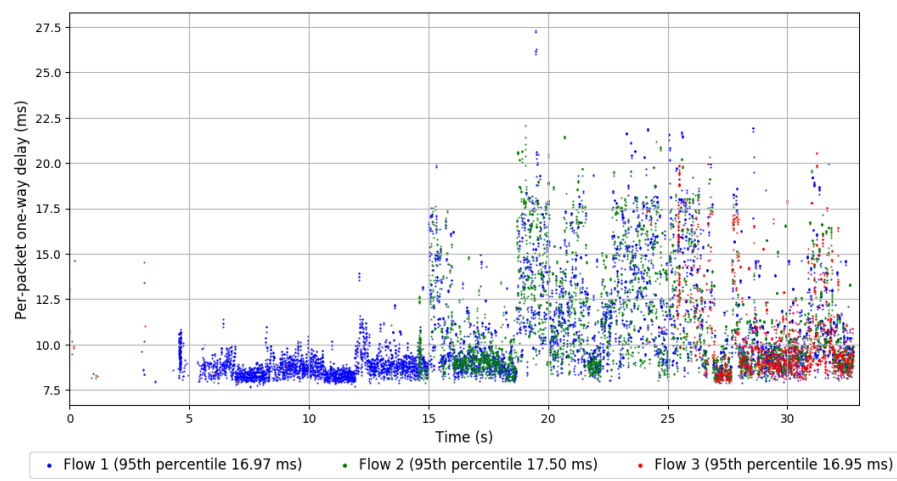
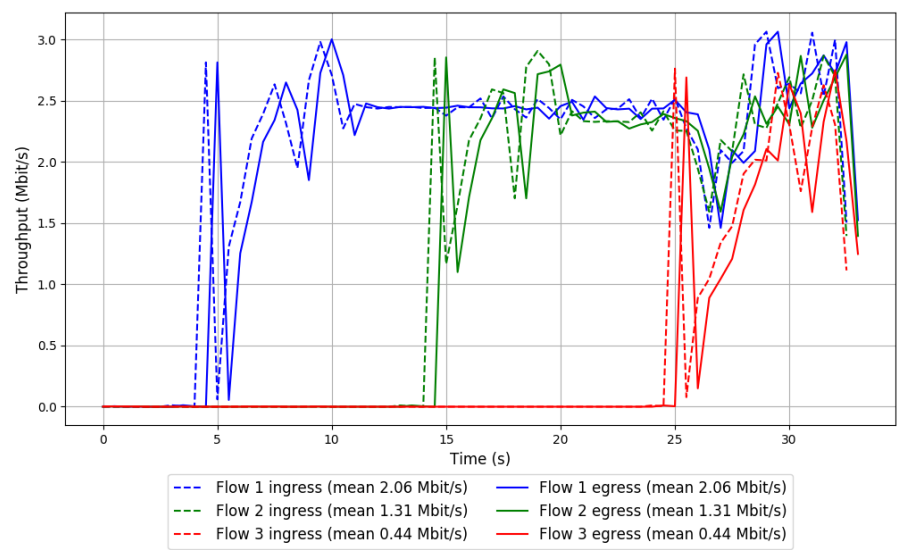


Run 6: Statistics of WebRTC media

Start at: 2018-07-10 05:38:30
End at: 2018-07-10 05:39:00
Local clock offset: 3.935 ms
Remote clock offset: -1.474 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 17.184 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 16.967 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 17.498 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 16.945 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

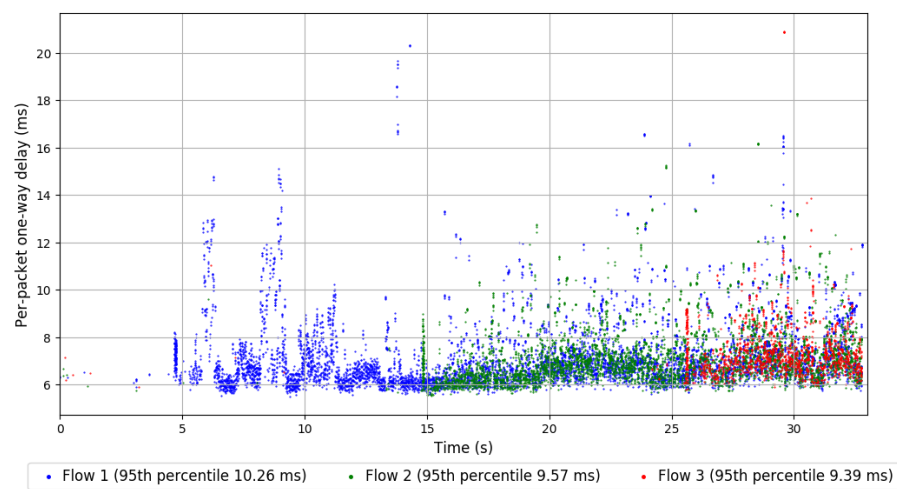
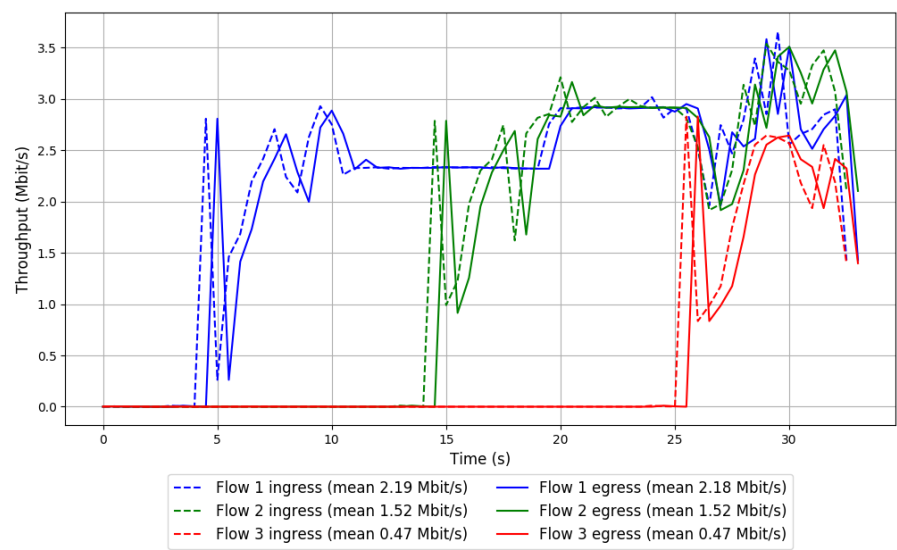


Run 7: Statistics of WebRTC media

Start at: 2018-07-10 05:59:28
End at: 2018-07-10 05:59:58
Local clock offset: 1.986 ms
Remote clock offset: -11.036 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.16 Mbit/s
95th percentile per-packet one-way delay: 9.898 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 10.264 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 9.574 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 9.386 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

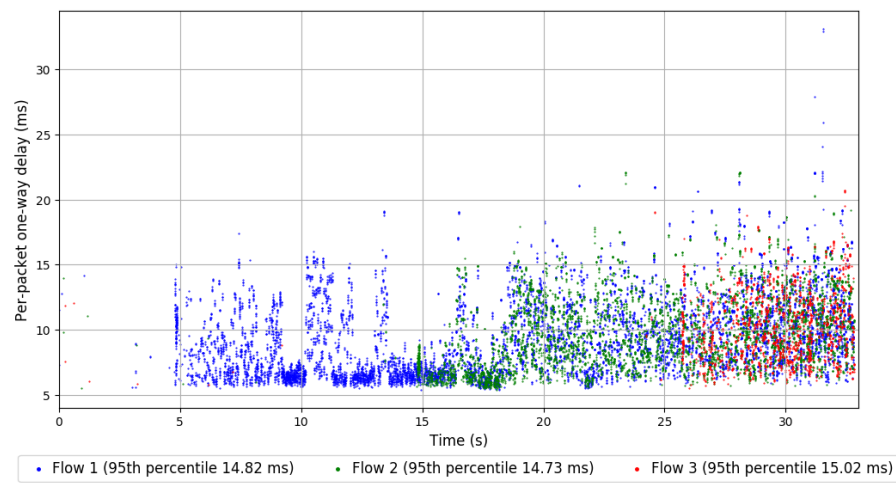
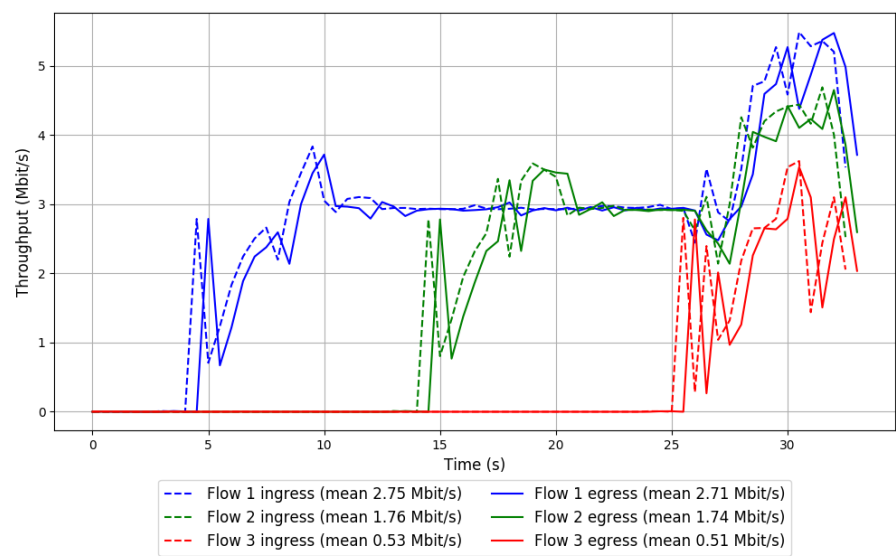


Run 8: Statistics of WebRTC media

Start at: 2018-07-10 06:19:40
End at: 2018-07-10 06:20:10
Local clock offset: 2.099 ms
Remote clock offset: -16.059 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.94 Mbit/s
95th percentile per-packet one-way delay: 14.812 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 2.71 Mbit/s
95th percentile per-packet one-way delay: 14.820 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 14.730 ms
Loss rate: 1.68%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 15.024 ms
Loss rate: 2.69%

Run 8: Report of WebRTC media — Data Link

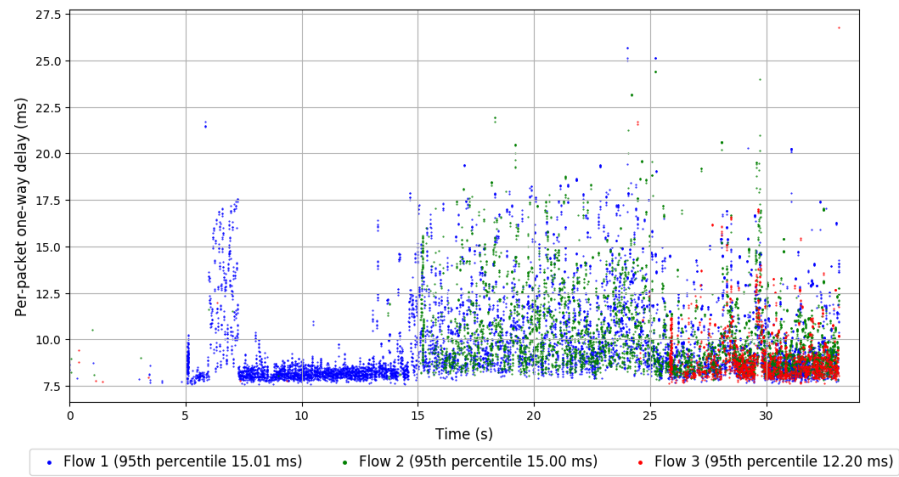
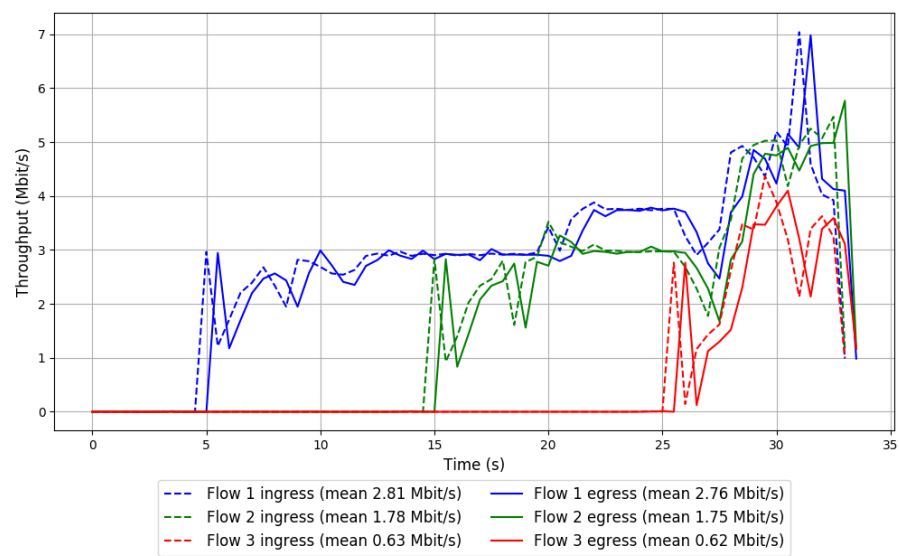


Run 9: Statistics of WebRTC media

Start at: 2018-07-10 06:39:54
End at: 2018-07-10 06:40:24
Local clock offset: 1.949 ms
Remote clock offset: -10.606 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 14.824 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 15.006 ms
Loss rate: 1.85%
-- Flow 2:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 15.004 ms
Loss rate: 1.87%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 12.196 ms
Loss rate: 2.05%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-10 07:00:03
End at: 2018-07-10 07:00:33
Local clock offset: 1.152 ms
Remote clock offset: -9.045 ms

Below is generated by plot.py at 2018-07-10 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.81 Mbit/s
95th percentile per-packet one-way delay: 18.577 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 18.661 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 1.70 Mbit/s
95th percentile per-packet one-way delay: 18.690 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 17.729 ms
Loss rate: 1.29%

Run 10: Report of WebRTC media — Data Link

