

Pantheon Report

Generated at 2019-10-03 01:23:05 (UTC).

Data path: AWS Brazil 2 on **ens5** (*local*) → Colombia on **p4p1** (*remote*).

Repeated the test of 24 congestion control schemes 5 times.

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

NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

System info:

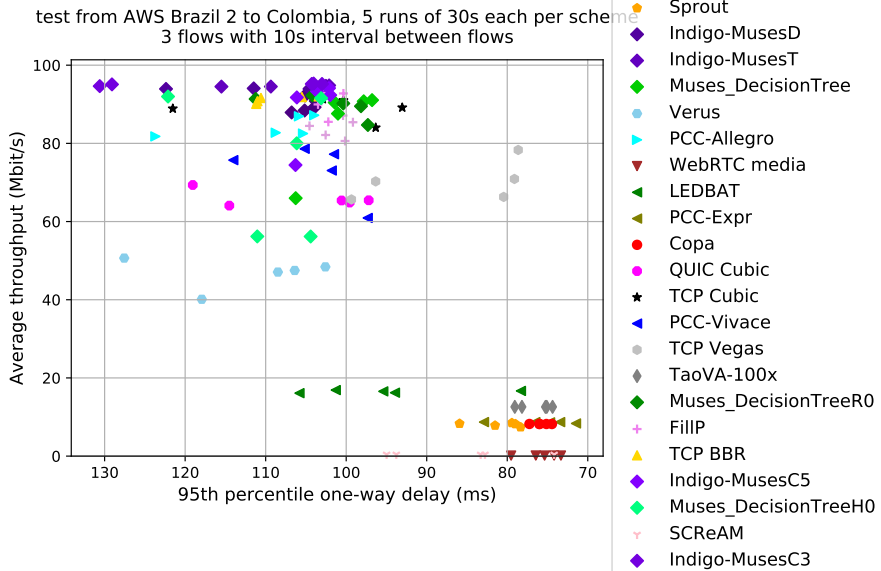
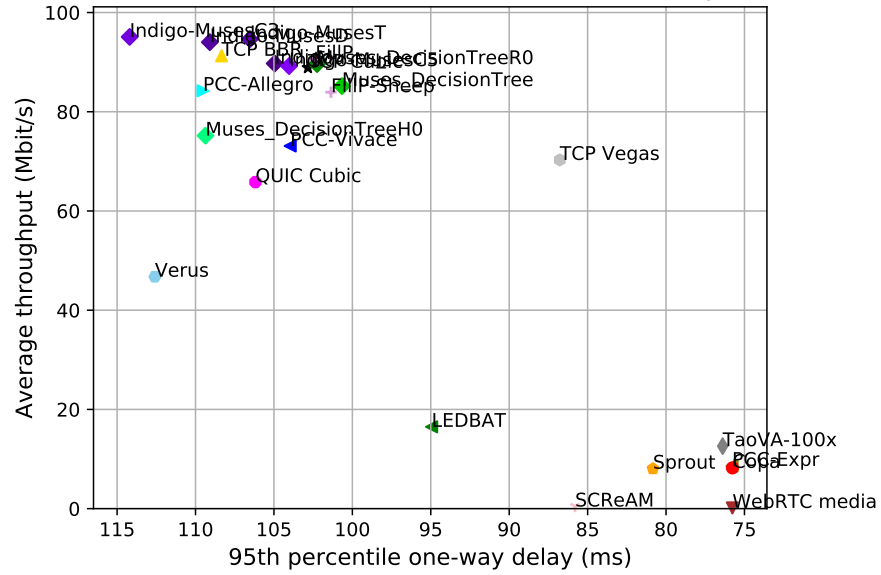
```
Linux 4.15.0-1050-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ de42328552b3776a75a932a94dfafd722537b0ec
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/muses_dtree @ 387225f7b5f61ddbe92d708a8869ffbb84eb3200
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
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
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
```

```
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from AWS Brazil 2 to Colombia, 5 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



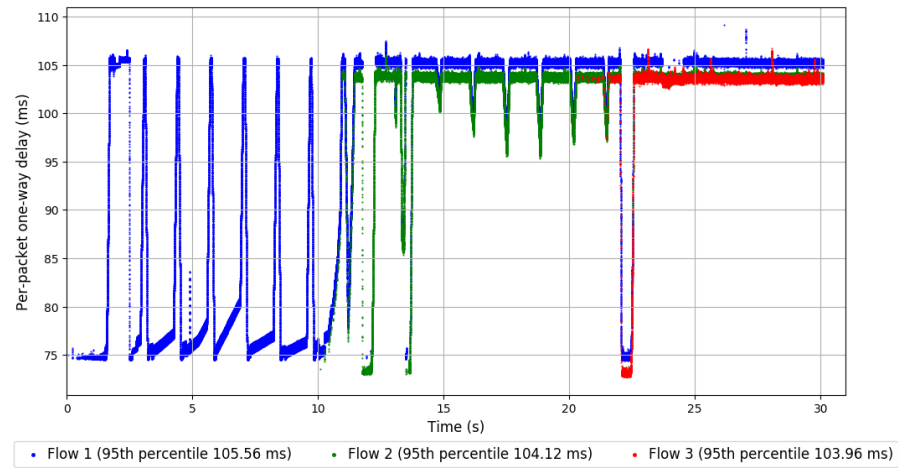
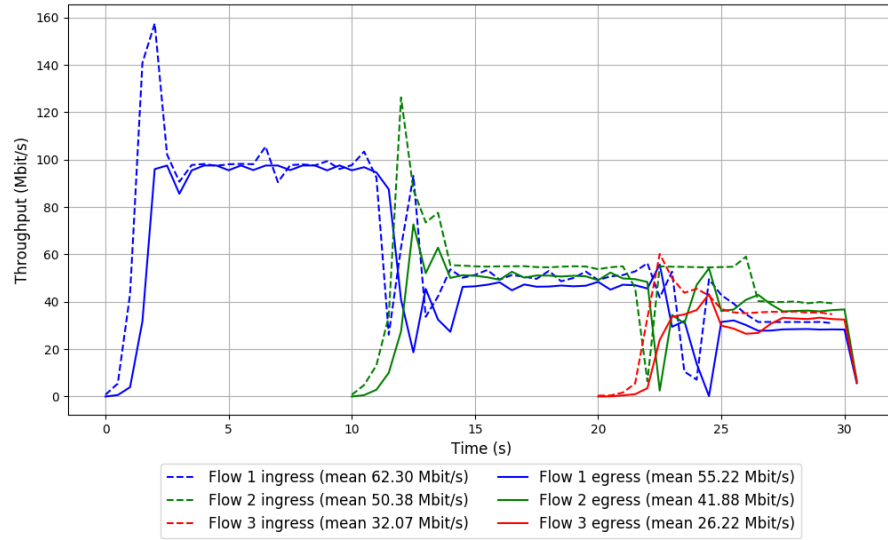
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	53.87	40.04	32.25	107.83	108.82	105.45	11.66	17.76	22.71
Copa	5	0.00	10.31	4.08	75.12	75.71	75.39	97.19	67.18	70.20
TCP Cubic	5	61.95	25.77	29.31	102.88	97.27	98.29	0.93	0.32	0.53
FillP	5	50.93	44.01	31.35	99.84	102.45	105.31	13.75	25.85	22.44
FillP-Sheep	5	27.12	73.07	24.91	97.41	101.54	101.65	5.57	5.11	14.18
Indigo	5	60.60	30.90	27.03	104.69	104.69	106.48	7.37	19.78	44.14
Indigo-MusesC3	5	50.01	47.89	47.93	103.92	112.57	115.82	1.26	2.14	5.42
Indigo-MusesC5	5	53.06	52.41	7.36	102.87	105.00	106.09	2.69	4.49	4.51
Indigo-MusesD	5	68.12	30.03	21.79	107.33	104.59	104.29	0.82	1.76	1.86
Indigo-MusesT	5	52.44	57.51	17.02	104.05	106.49	107.59	5.41	6.97	7.35
LEDBAT	5	9.84	7.98	4.10	88.57	80.84	81.73	0.02	0.06	0.03
Muses_DecisionTree	5	43.86	43.90	37.85	97.74	105.16	100.50	0.87	1.15	0.83
Muses_DecisionTreeH0	5	70.14	7.37	0.66	105.45	109.94	102.49	30.28	22.41	18.65
Muses_DecisionTreeR0	5	61.80	32.01	20.49	98.12	105.27	101.25	1.81	3.90	3.17
PCC-Allegro	5	68.30	20.03	7.92	107.39	109.46	107.07	3.15	3.99	5.37
PCC-Expr	5	0.01	10.48	5.00	74.32	75.92	74.73	85.71	60.75	39.47
QUIC Cubic	5	44.13	22.76	20.15	100.13	107.97	99.42	1.11	0.68	0.71
SCReAM	5	0.22	0.22	0.22	77.40	84.38	83.27	0.02	0.08	0.00
Sprout	5	4.45	3.56	3.75	81.51	78.52	80.55	0.00	0.05	0.00
TaoVA-100x	5	7.73	5.44	3.76	81.31	74.58	74.57	38.98	41.75	57.90
TCP Vegas	5	36.77	34.49	31.73	79.37	93.96	82.46	1.19	1.28	0.98
Verus	5	23.79	24.20	21.74	110.69	110.41	110.20	34.56	52.93	46.55
PCC-Vivace	5	60.67	14.79	7.85	104.02	98.30	99.39	0.35	0.66	1.07
WebRTC media	5	0.05	0.05	0.05	75.40	75.08	74.78	0.00	0.33	0.01

Run 1: Statistics of TCP BBR

Start at: 2019-10-02 22:57:09
End at: 2019-10-02 22:57:39
Local clock offset: -6.744 ms
Remote clock offset: 40.104 ms

Below is generated by plot.py at 2019-10-03 01:12:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.85 Mbit/s
95th percentile per-packet one-way delay: 105.506 ms
Loss rate: 13.70%
-- Flow 1:
Average throughput: 55.22 Mbit/s
95th percentile per-packet one-way delay: 105.562 ms
Loss rate: 11.29%
-- Flow 2:
Average throughput: 41.88 Mbit/s
95th percentile per-packet one-way delay: 104.123 ms
Loss rate: 16.74%
-- Flow 3:
Average throughput: 26.22 Mbit/s
95th percentile per-packet one-way delay: 103.963 ms
Loss rate: 18.19%

Run 1: Report of TCP BBR — Data Link

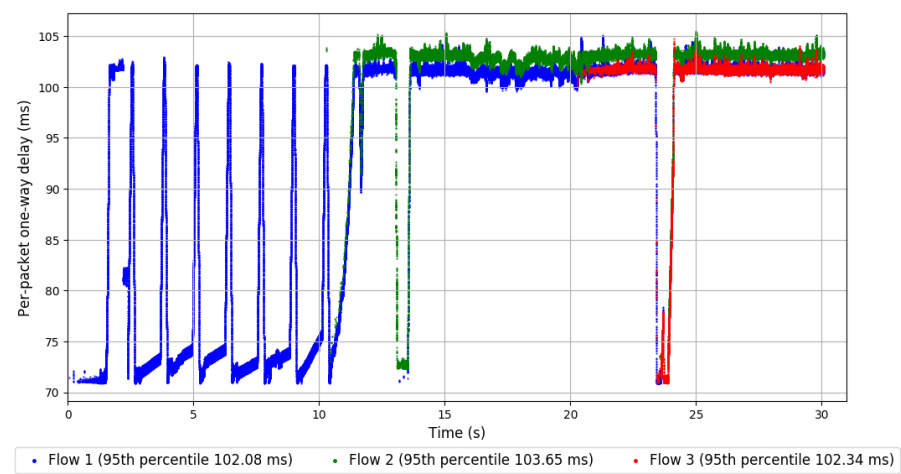
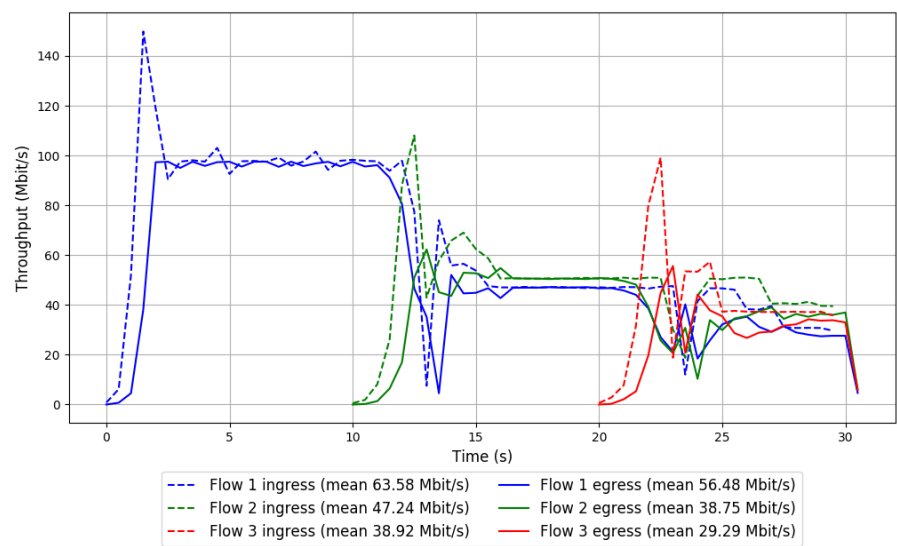


Run 2: Statistics of TCP BBR

Start at: 2019-10-02 23:27:31
End at: 2019-10-02 23:28:01
Local clock offset: -7.045 ms
Remote clock offset: 41.873 ms

Below is generated by plot.py at 2019-10-03 01:12:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: 103.415 ms
Loss rate: 14.70%
-- Flow 1:
Average throughput: 56.48 Mbit/s
95th percentile per-packet one-way delay: 102.080 ms
Loss rate: 11.08%
-- Flow 2:
Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 103.652 ms
Loss rate: 17.88%
-- Flow 3:
Average throughput: 29.29 Mbit/s
95th percentile per-packet one-way delay: 102.344 ms
Loss rate: 24.73%

Run 2: Report of TCP BBR — Data Link

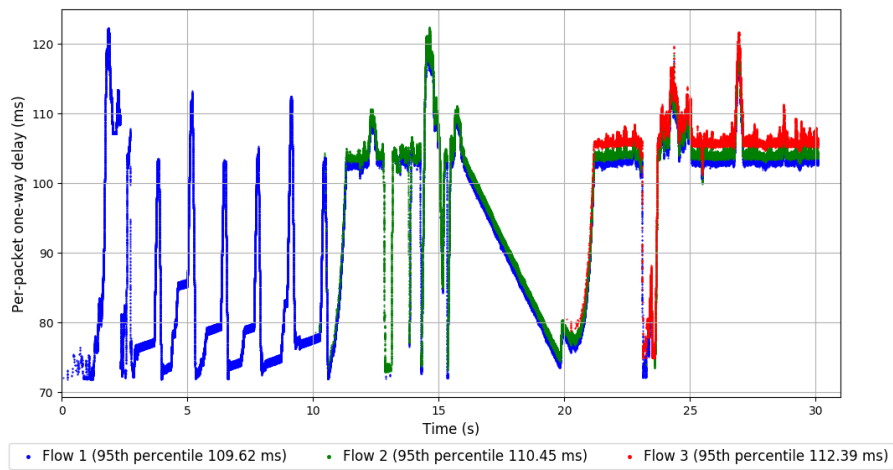
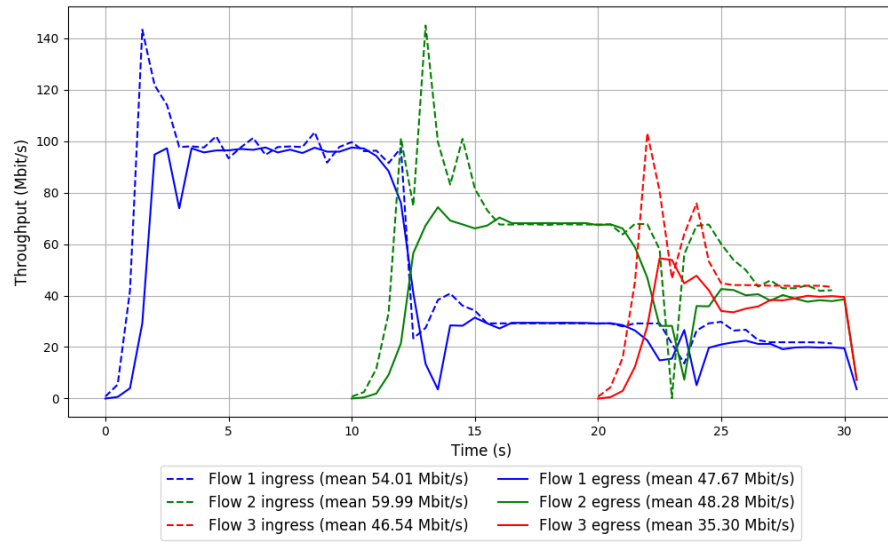


Run 3: Statistics of TCP BBR

Start at: 2019-10-02 23:57:51
End at: 2019-10-02 23:58:21
Local clock offset: -2.854 ms
Remote clock offset: 45.088 ms

Below is generated by plot.py at 2019-10-03 01:12:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.61 Mbit/s
95th percentile per-packet one-way delay: 110.586 ms
Loss rate: 16.22%
-- Flow 1:
Average throughput: 47.67 Mbit/s
95th percentile per-packet one-way delay: 109.624 ms
Loss rate: 11.64%
-- Flow 2:
Average throughput: 48.28 Mbit/s
95th percentile per-packet one-way delay: 110.450 ms
Loss rate: 19.41%
-- Flow 3:
Average throughput: 35.30 Mbit/s
95th percentile per-packet one-way delay: 112.387 ms
Loss rate: 23.96%

Run 3: Report of TCP BBR — Data Link

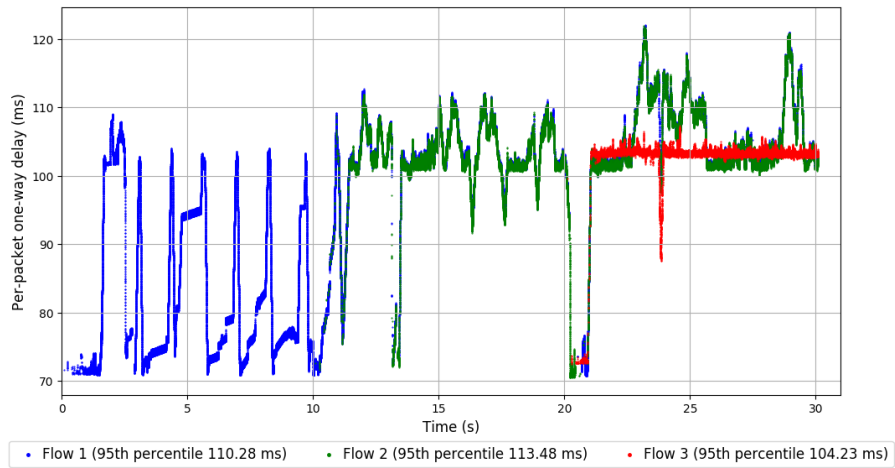
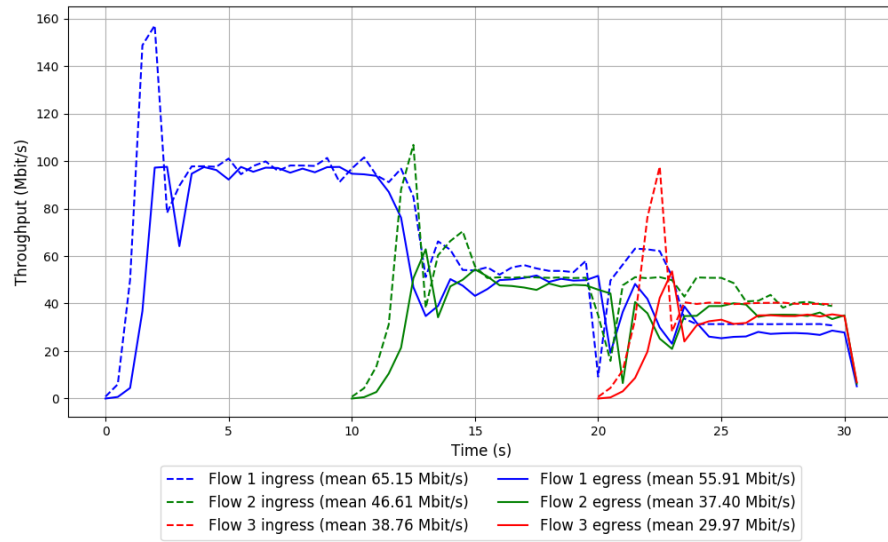


Run 4: Statistics of TCP BBR

Start at: 2019-10-03 00:28:09
End at: 2019-10-03 00:28:39
Local clock offset: 6.332 ms
Remote clock offset: 48.235 ms

Below is generated by plot.py at 2019-10-03 01:12:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.79 Mbit/s
95th percentile per-packet one-way delay: 111.024 ms
Loss rate: 16.70%
-- Flow 1:
Average throughput: 55.91 Mbit/s
95th percentile per-packet one-way delay: 110.278 ms
Loss rate: 14.11%
-- Flow 2:
Average throughput: 37.40 Mbit/s
95th percentile per-packet one-way delay: 113.476 ms
Loss rate: 19.65%
-- Flow 3:
Average throughput: 29.97 Mbit/s
95th percentile per-packet one-way delay: 104.234 ms
Loss rate: 22.67%

Run 4: Report of TCP BBR — Data Link

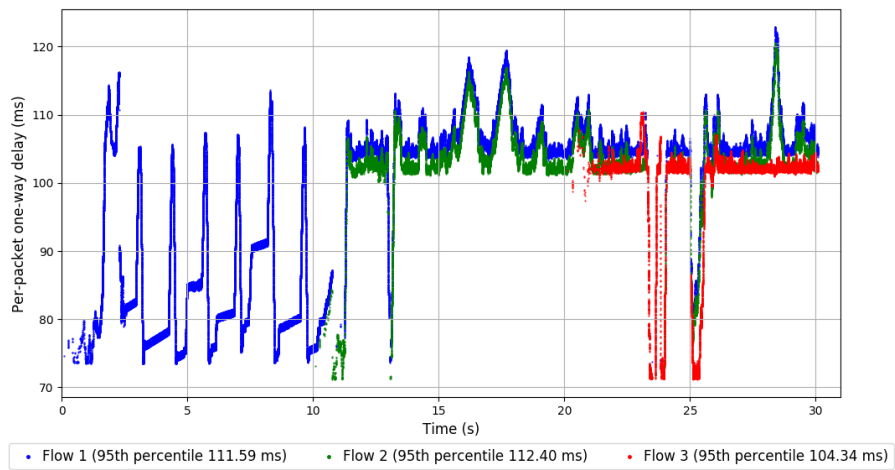
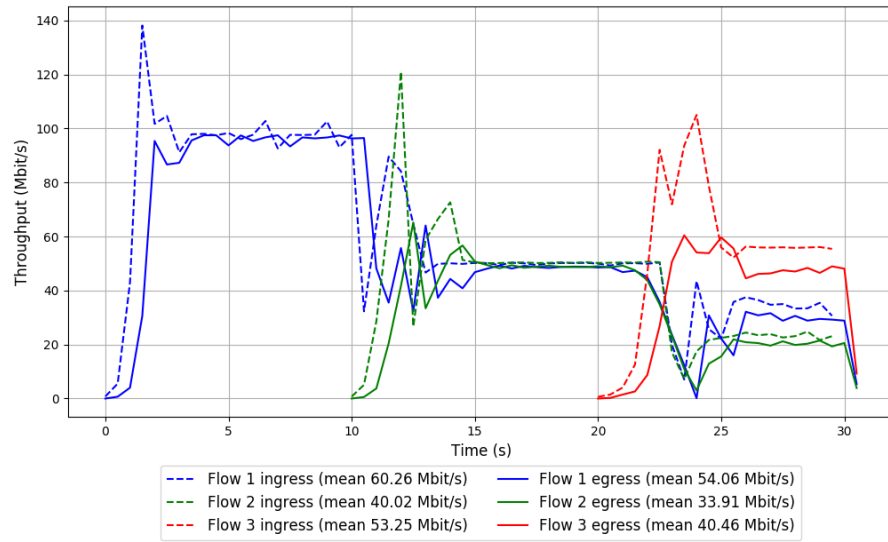


Run 5: Statistics of TCP BBR

Start at: 2019-10-03 00:58:28
End at: 2019-10-03 00:58:58
Local clock offset: 6.837 ms
Remote clock offset: 51.369 ms

Below is generated by plot.py at 2019-10-03 01:12:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.11 Mbit/s
95th percentile per-packet one-way delay: 111.168 ms
Loss rate: 13.80%
-- Flow 1:
Average throughput: 54.06 Mbit/s
95th percentile per-packet one-way delay: 111.595 ms
Loss rate: 10.20%
-- Flow 2:
Average throughput: 33.91 Mbit/s
95th percentile per-packet one-way delay: 112.398 ms
Loss rate: 15.14%
-- Flow 3:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 104.345 ms
Loss rate: 24.02%

Run 5: Report of TCP BBR — Data Link

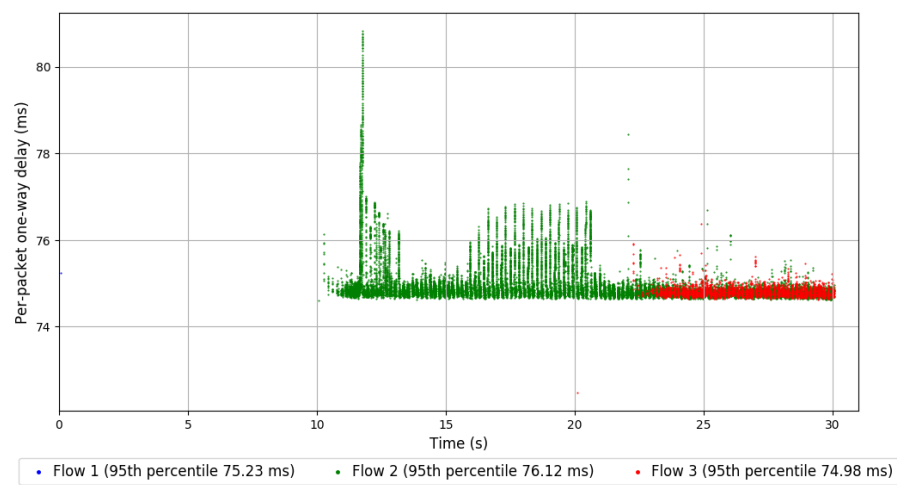
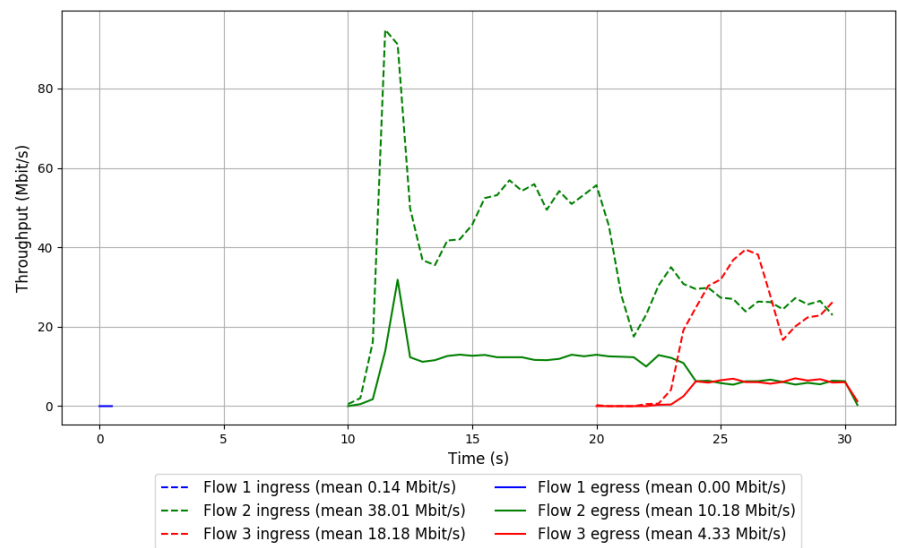


Run 1: Statistics of Copa

Start at: 2019-10-02 23:03:30
End at: 2019-10-02 23:04:00
Local clock offset: -6.832 ms
Remote clock offset: 40.813 ms

Below is generated by plot.py at 2019-10-03 01:12:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 75.993 ms
Loss rate: 73.78%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 75.235 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 10.18 Mbit/s
95th percentile per-packet one-way delay: 76.116 ms
Loss rate: 73.21%
-- Flow 3:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 74.985 ms
Loss rate: 76.19%

Run 1: Report of Copa — Data Link

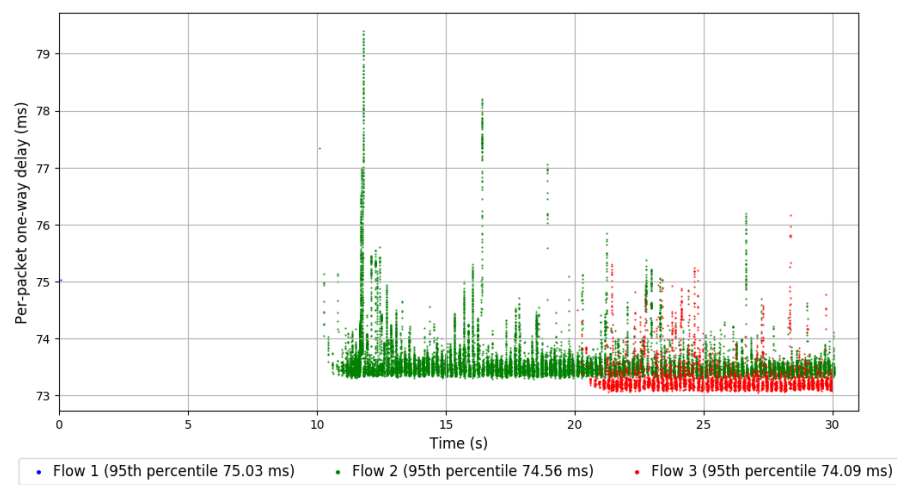
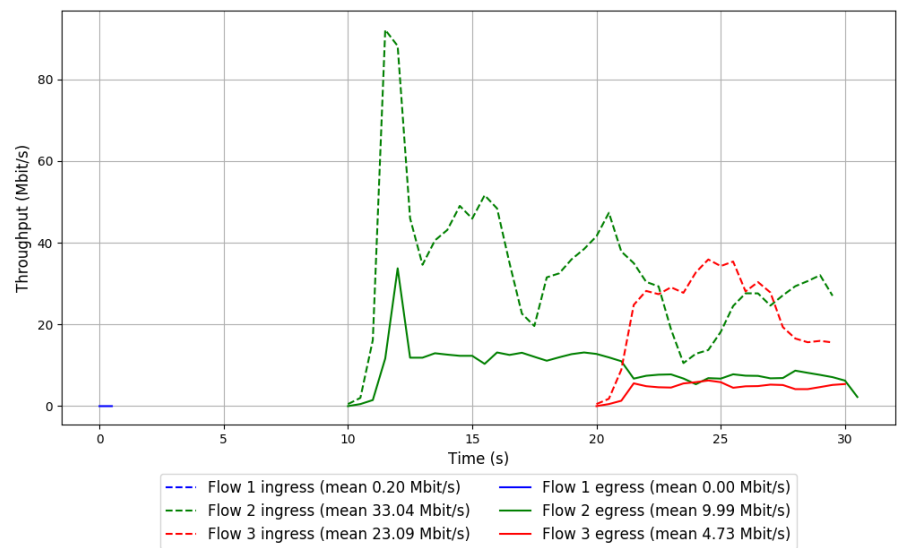


Run 2: Statistics of Copa

Start at: 2019-10-02 23:33:51
End at: 2019-10-02 23:34:21
Local clock offset: -6.502 ms
Remote clock offset: 44.416 ms

Below is generated by plot.py at 2019-10-03 01:12:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 74.450 ms
Loss rate: 72.28%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 75.034 ms
Loss rate: 97.24%
-- Flow 2:
Average throughput: 9.99 Mbit/s
95th percentile per-packet one-way delay: 74.565 ms
Loss rate: 69.78%
-- Flow 3:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 74.092 ms
Loss rate: 79.53%

Run 2: Report of Copa — Data Link

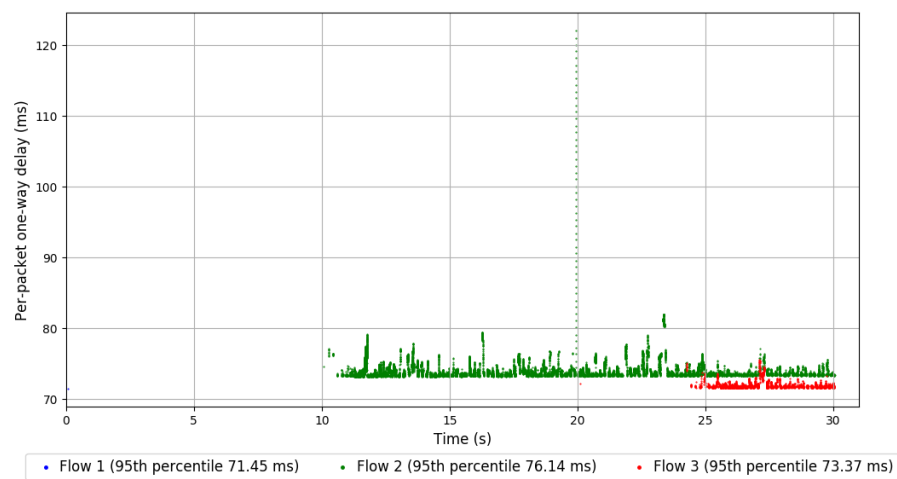
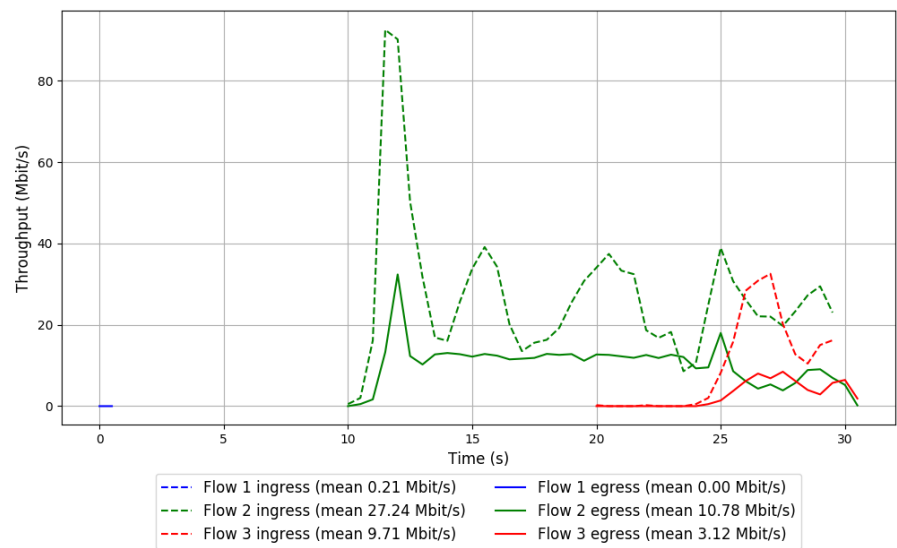


Run 3: Statistics of Copa

Start at: 2019-10-03 00:04:12
End at: 2019-10-03 00:04:42
Local clock offset: 1.959 ms
Remote clock offset: 45.661 ms

Below is generated by plot.py at 2019-10-03 01:12:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 76.009 ms
Loss rate: 61.55%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 71.454 ms
Loss rate: 97.24%
-- Flow 2:
Average throughput: 10.78 Mbit/s
95th percentile per-packet one-way delay: 76.136 ms
Loss rate: 60.44%
-- Flow 3:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 73.372 ms
Loss rate: 67.83%

Run 3: Report of Copa — Data Link

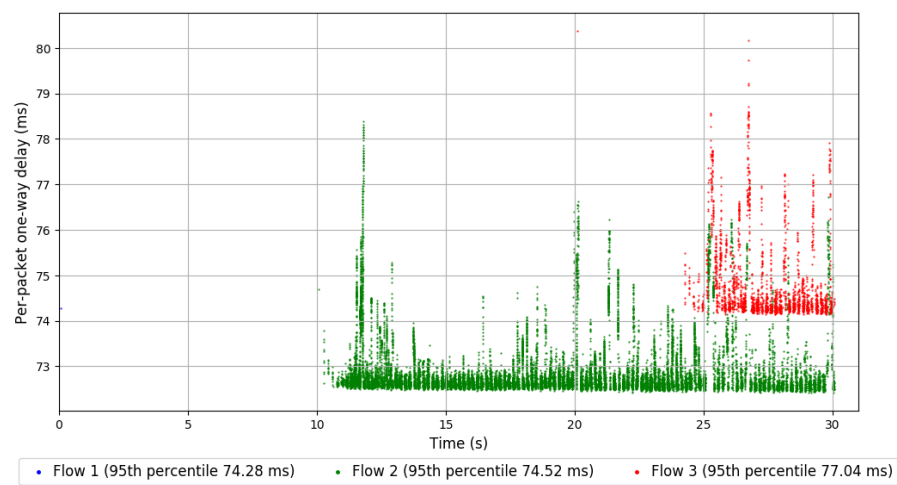
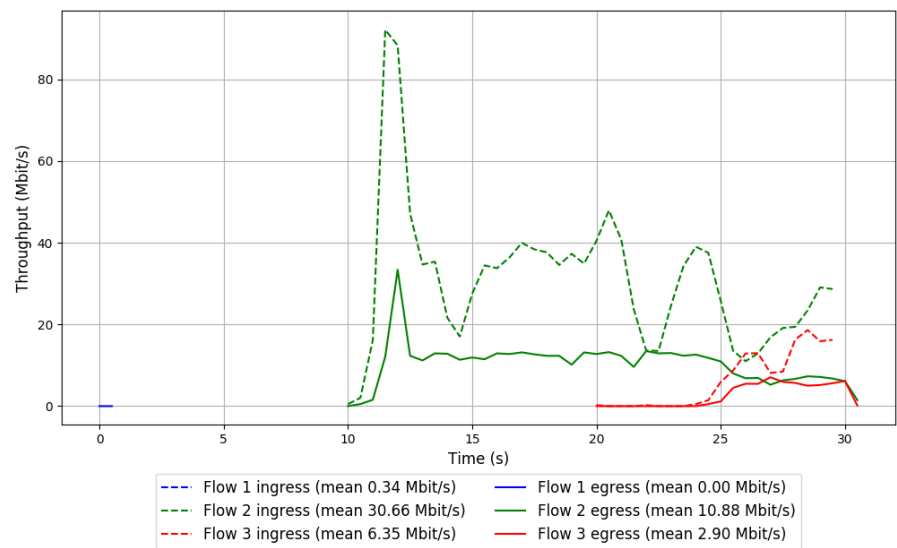


Run 4: Statistics of Copa

Start at: 2019-10-03 00:34:31
End at: 2019-10-03 00:35:01
Local clock offset: 4.619 ms
Remote clock offset: 50.304 ms

Below is generated by plot.py at 2019-10-03 01:12:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 75.138 ms
Loss rate: 63.56%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 74.276 ms
Loss rate: 98.33%
-- Flow 2:
Average throughput: 10.88 Mbit/s
95th percentile per-packet one-way delay: 74.519 ms
Loss rate: 64.51%
-- Flow 3:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 77.036 ms
Loss rate: 54.30%

Run 4: Report of Copa — Data Link

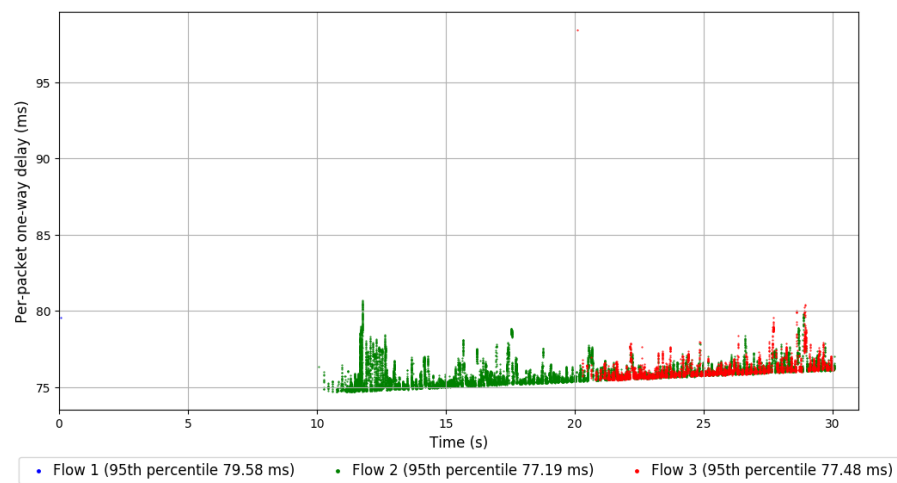
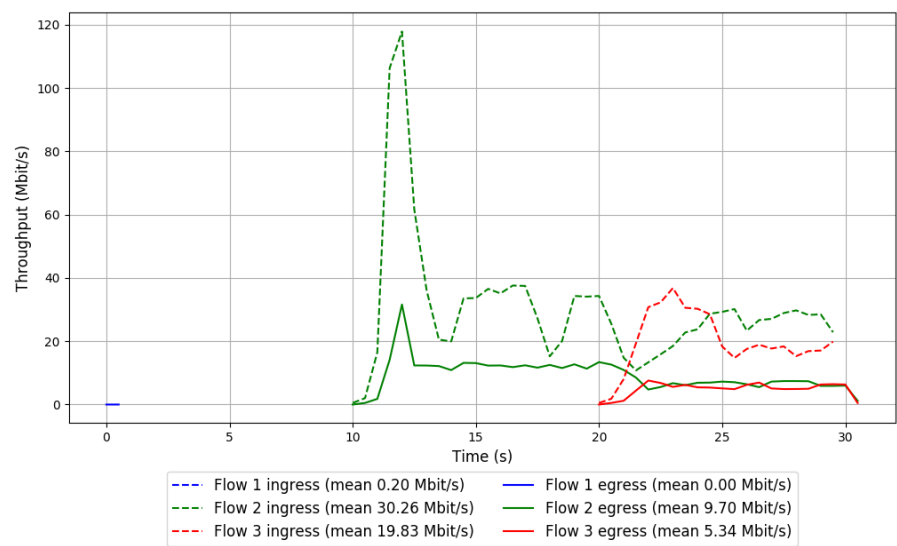


Run 5: Statistics of Copa

Start at: 2019-10-03 01:04:49
End at: 2019-10-03 01:05:19
Local clock offset: 10.167 ms
Remote clock offset: 26.543 ms

```
# Below is generated by plot.py at 2019-10-03 01:12:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 77.243 ms
Loss rate: 69.23%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 79.577 ms
Loss rate: 97.24%
-- Flow 2:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 77.194 ms
Loss rate: 67.95%
-- Flow 3:
Average throughput: 5.34 Mbit/s
95th percentile per-packet one-way delay: 77.476 ms
Loss rate: 73.15%
```

Run 5: Report of Copa — Data Link

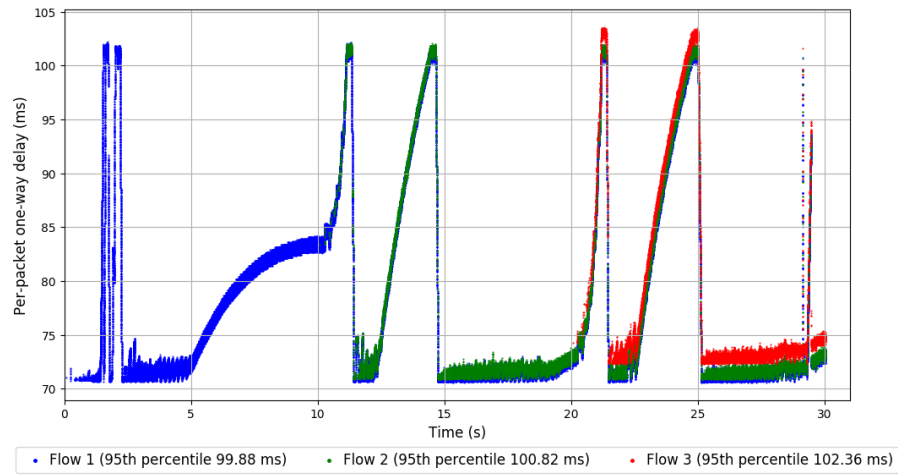
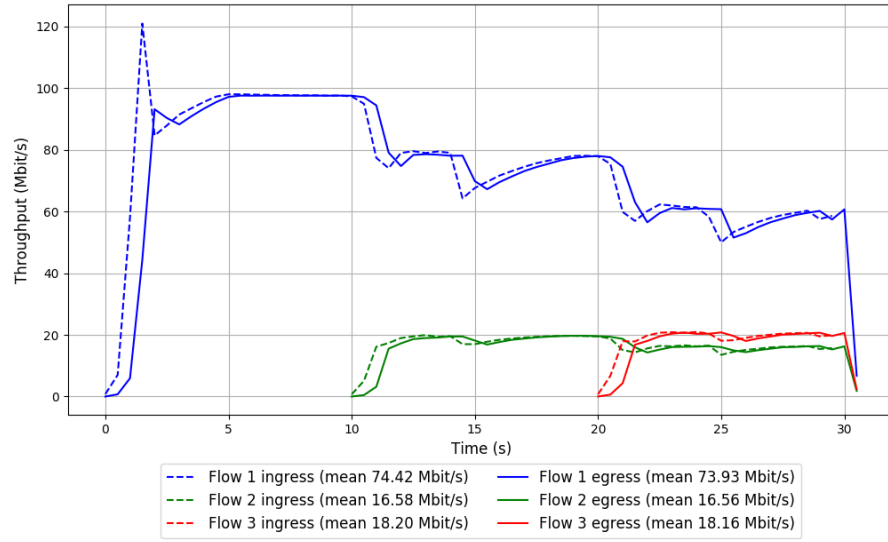


Run 1: Statistics of TCP Cubic

Start at: 2019-10-02 22:44:31
End at: 2019-10-02 22:45:01
Local clock offset: -6.702 ms
Remote clock offset: 36.877 ms

Below is generated by plot.py at 2019-10-03 01:12:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: 100.344 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 73.93 Mbit/s
95th percentile per-packet one-way delay: 99.884 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 16.56 Mbit/s
95th percentile per-packet one-way delay: 100.821 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 18.16 Mbit/s
95th percentile per-packet one-way delay: 102.362 ms
Loss rate: 0.18%

Run 1: Report of TCP Cubic — Data Link

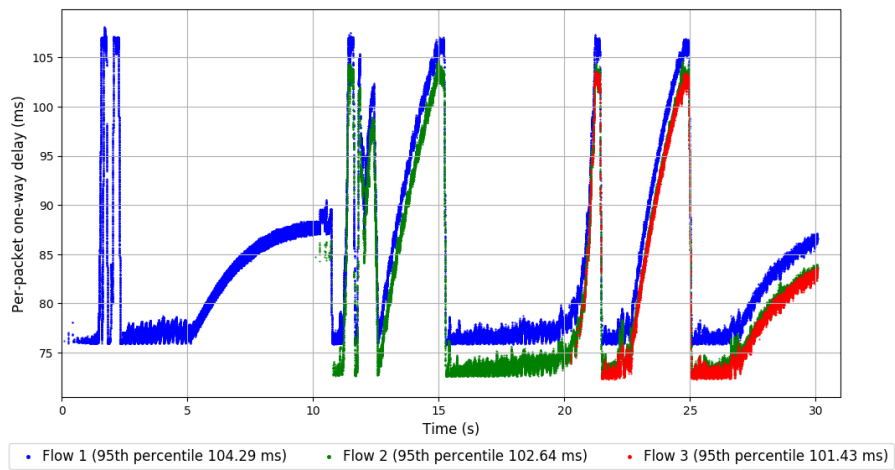
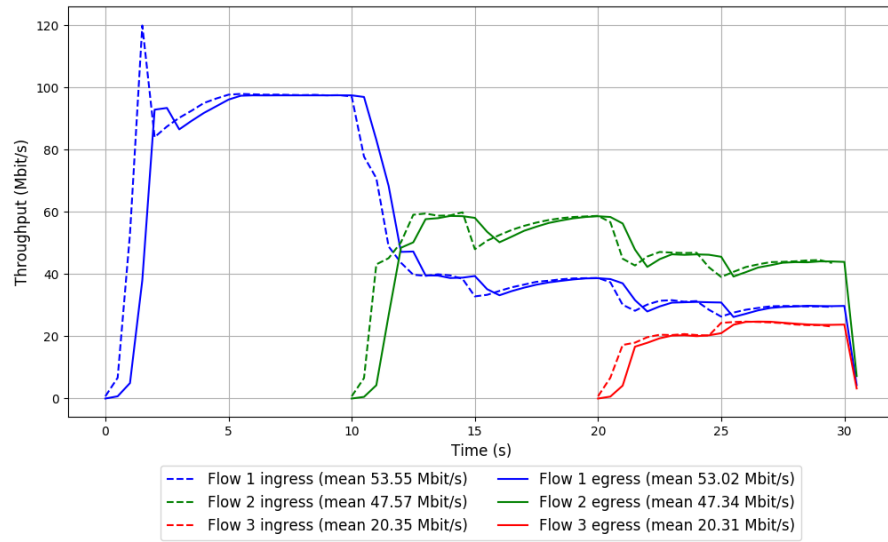


Run 2: Statistics of TCP Cubic

Start at: 2019-10-02 23:14:55
End at: 2019-10-02 23:15:25
Local clock offset: -7.114 ms
Remote clock offset: 42.192 ms

Below is generated by plot.py at 2019-10-03 01:12:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 102.902 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 53.02 Mbit/s
95th percentile per-packet one-way delay: 104.294 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 47.34 Mbit/s
95th percentile per-packet one-way delay: 102.642 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 20.31 Mbit/s
95th percentile per-packet one-way delay: 101.429 ms
Loss rate: 0.15%

Run 2: Report of TCP Cubic — Data Link

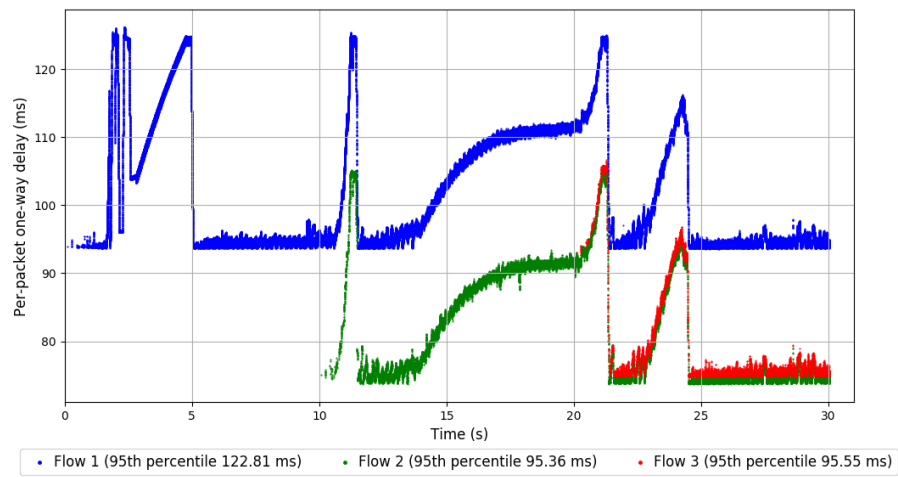
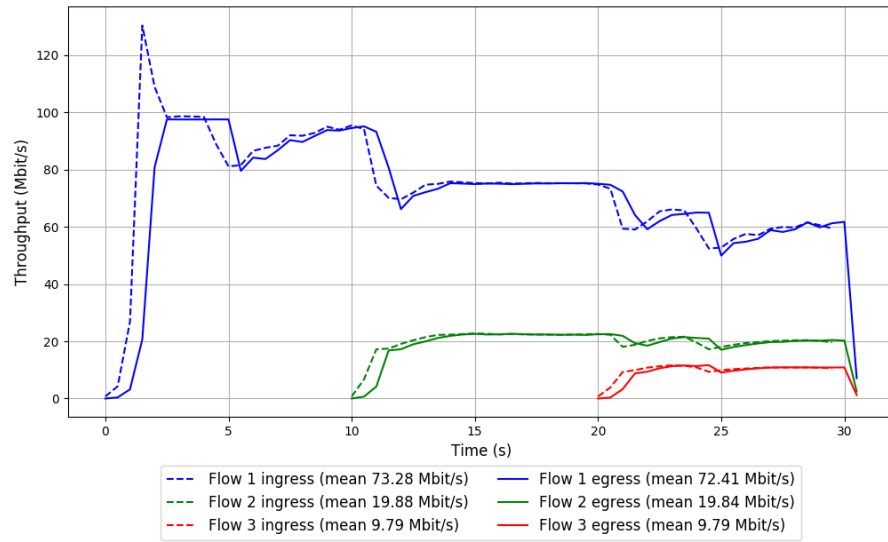


Run 3: Statistics of TCP Cubic

Start at: 2019-10-02 23:45:17
End at: 2019-10-02 23:45:47
Local clock offset: -6.194 ms
Remote clock offset: 45.418 ms

Below is generated by plot.py at 2019-10-03 01:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.89 Mbit/s
95th percentile per-packet one-way delay: 121.534 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 72.41 Mbit/s
95th percentile per-packet one-way delay: 122.811 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 19.84 Mbit/s
95th percentile per-packet one-way delay: 95.364 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 9.79 Mbit/s
95th percentile per-packet one-way delay: 95.546 ms
Loss rate: 0.17%

Run 3: Report of TCP Cubic — Data Link

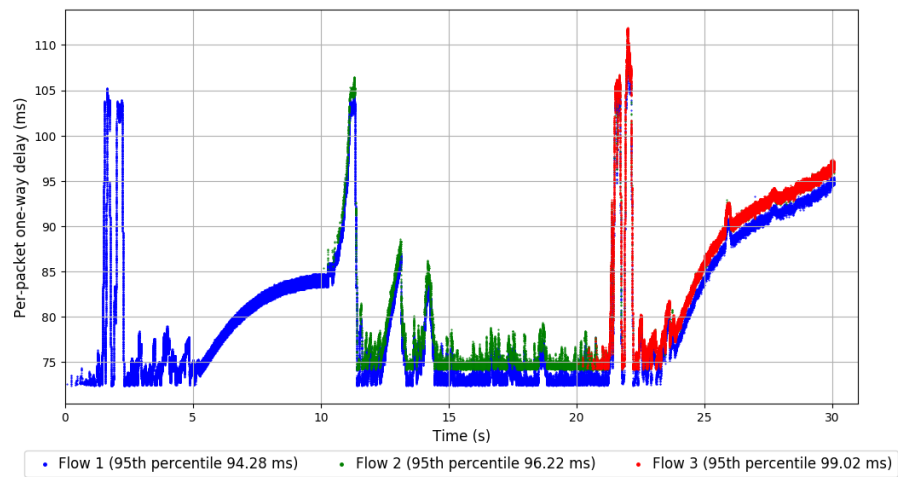
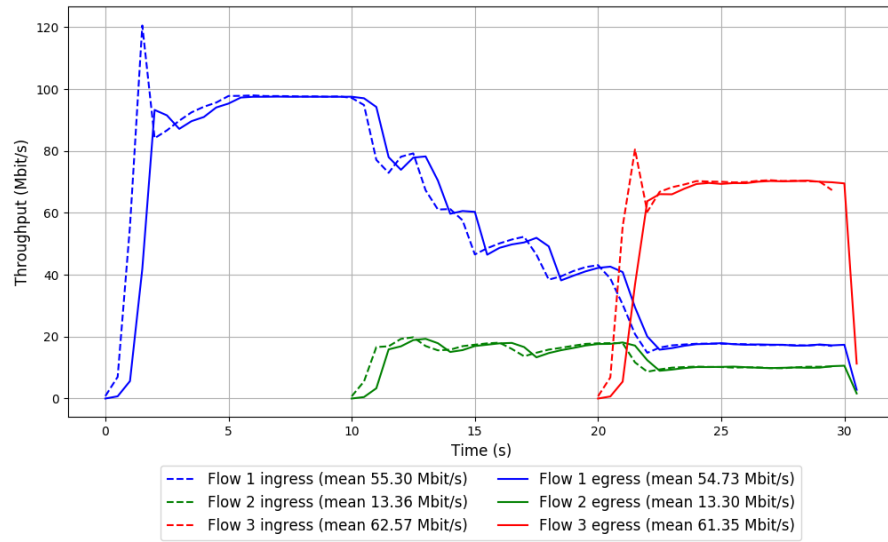


Run 4: Statistics of TCP Cubic

Start at: 2019-10-03 00:15:35
End at: 2019-10-03 00:16:05
Local clock offset: 6.275 ms
Remote clock offset: 48.789 ms

Below is generated by plot.py at 2019-10-03 01:13:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.02 Mbit/s
95th percentile per-packet one-way delay: 96.337 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 54.73 Mbit/s
95th percentile per-packet one-way delay: 94.283 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 96.216 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 61.35 Mbit/s
95th percentile per-packet one-way delay: 99.019 ms
Loss rate: 1.73%

Run 4: Report of TCP Cubic — Data Link

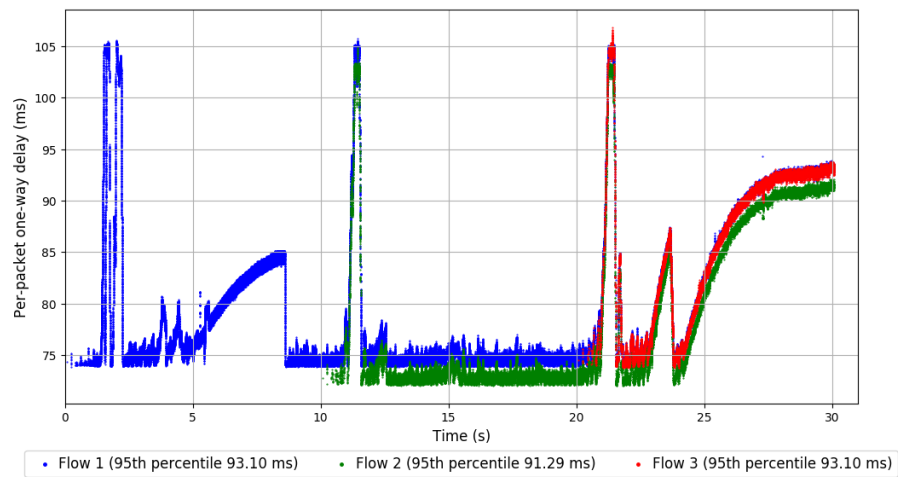
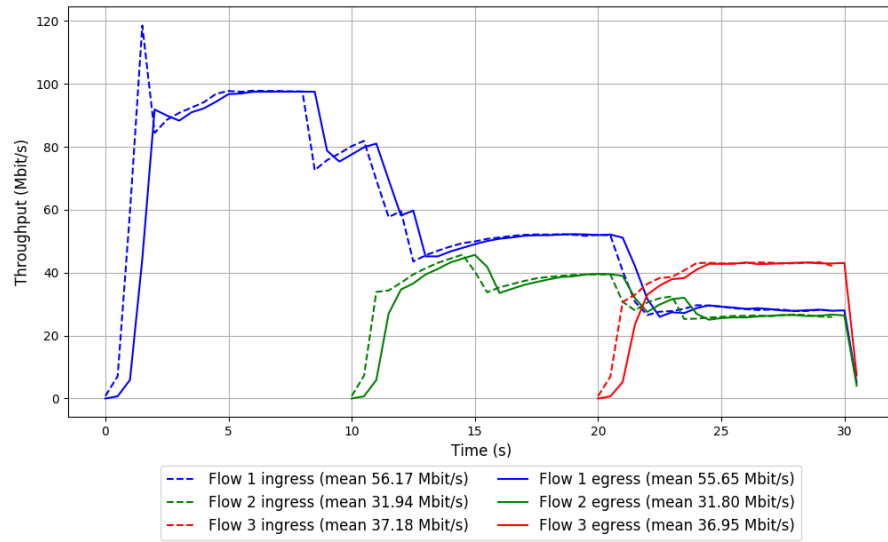


Run 5: Statistics of TCP Cubic

Start at: 2019-10-03 00:45:54
End at: 2019-10-03 00:46:24
Local clock offset: 3.805 ms
Remote clock offset: 51.595 ms

Below is generated by plot.py at 2019-10-03 01:13:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 93.039 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 55.65 Mbit/s
95th percentile per-packet one-way delay: 93.104 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 91.287 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 36.95 Mbit/s
95th percentile per-packet one-way delay: 93.096 ms
Loss rate: 0.44%

Run 5: Report of TCP Cubic — Data Link

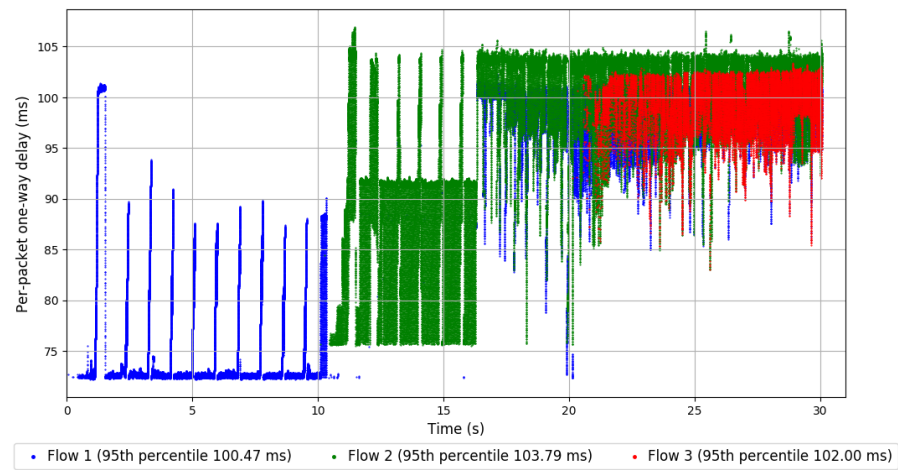
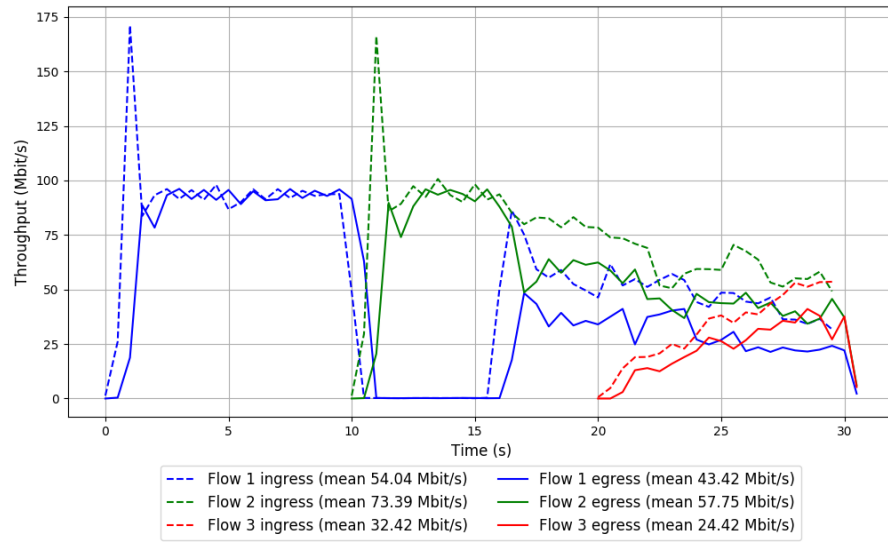


Run 1: Statistics of FillP

Start at: 2019-10-02 22:45:48
End at: 2019-10-02 22:46:18
Local clock offset: -6.632 ms
Remote clock offset: 38.568 ms

Below is generated by plot.py at 2019-10-03 01:13:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.96 Mbit/s
95th percentile per-packet one-way delay: 103.500 ms
Loss rate: 20.76%
-- Flow 1:
Average throughput: 43.42 Mbit/s
95th percentile per-packet one-way delay: 100.472 ms
Loss rate: 19.59%
-- Flow 2:
Average throughput: 57.75 Mbit/s
95th percentile per-packet one-way delay: 103.789 ms
Loss rate: 21.20%
-- Flow 3:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 101.999 ms
Loss rate: 24.62%

Run 1: Report of FillP — Data Link

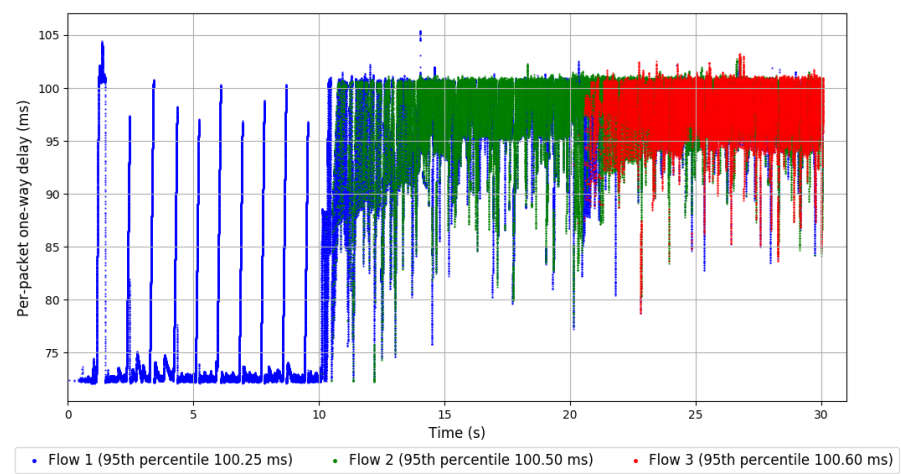
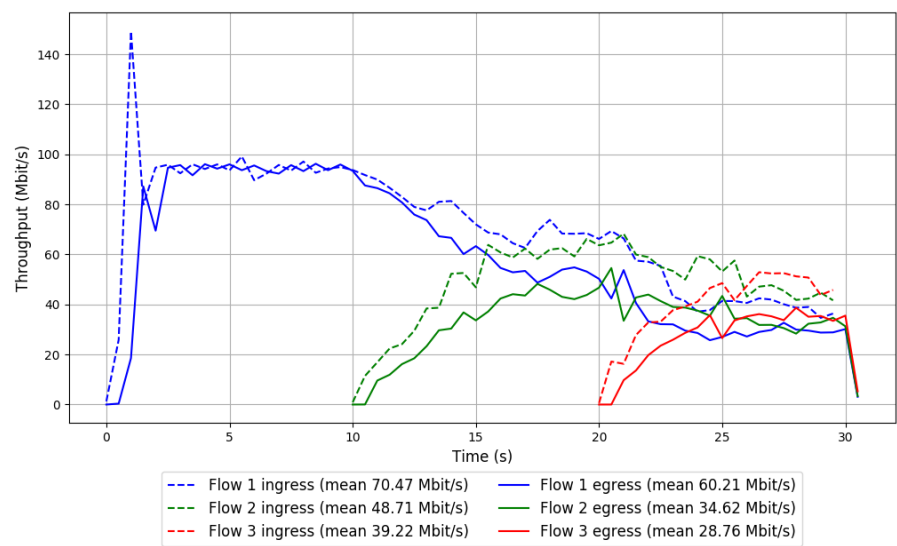


Run 2: Statistics of FillP

Start at: 2019-10-02 23:16:13
End at: 2019-10-02 23:16:43
Local clock offset: -7.222 ms
Remote clock offset: 40.495 ms

Below is generated by plot.py at 2019-10-03 01:13:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.77 Mbit/s
95th percentile per-packet one-way delay: 100.344 ms
Loss rate: 19.88%
-- Flow 1:
Average throughput: 60.21 Mbit/s
95th percentile per-packet one-way delay: 100.254 ms
Loss rate: 14.50%
-- Flow 2:
Average throughput: 34.62 Mbit/s
95th percentile per-packet one-way delay: 100.501 ms
Loss rate: 28.84%
-- Flow 3:
Average throughput: 28.76 Mbit/s
95th percentile per-packet one-way delay: 100.596 ms
Loss rate: 26.65%

Run 2: Report of FillP — Data Link

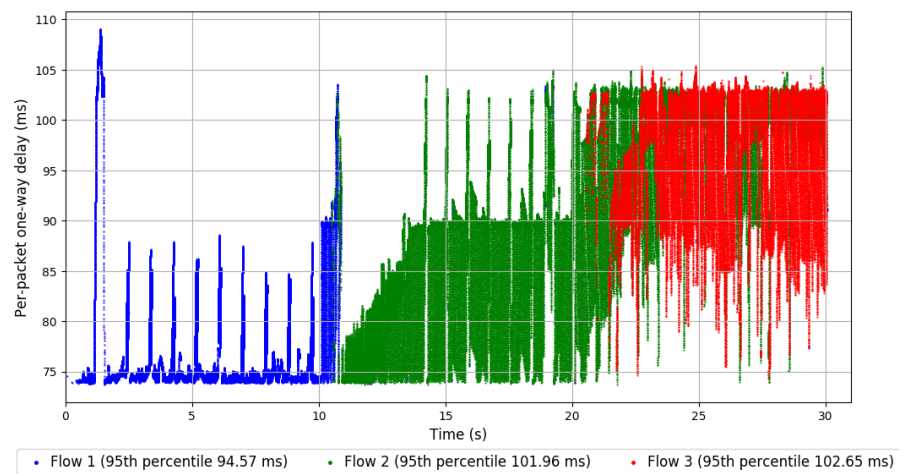
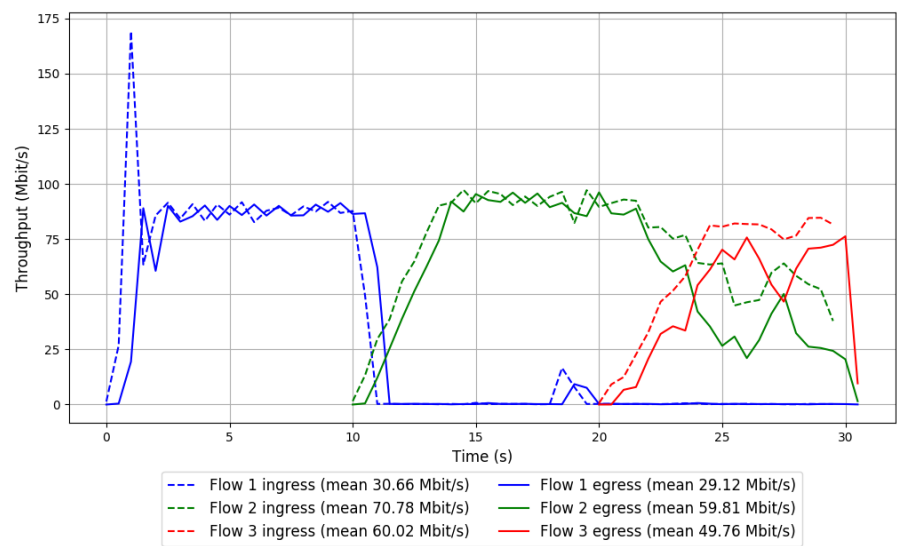


Run 3: Statistics of FillP

Start at: 2019-10-02 23:46:34
End at: 2019-10-02 23:47:04
Local clock offset: -6.19 ms
Remote clock offset: 45.726 ms

Below is generated by plot.py at 2019-10-03 01:13:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.50 Mbit/s
95th percentile per-packet one-way delay: 102.219 ms
Loss rate: 12.43%
-- Flow 1:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 94.569 ms
Loss rate: 4.97%
-- Flow 2:
Average throughput: 59.81 Mbit/s
95th percentile per-packet one-way delay: 101.956 ms
Loss rate: 15.43%
-- Flow 3:
Average throughput: 49.76 Mbit/s
95th percentile per-packet one-way delay: 102.653 ms
Loss rate: 16.85%

Run 3: Report of FillP — Data Link

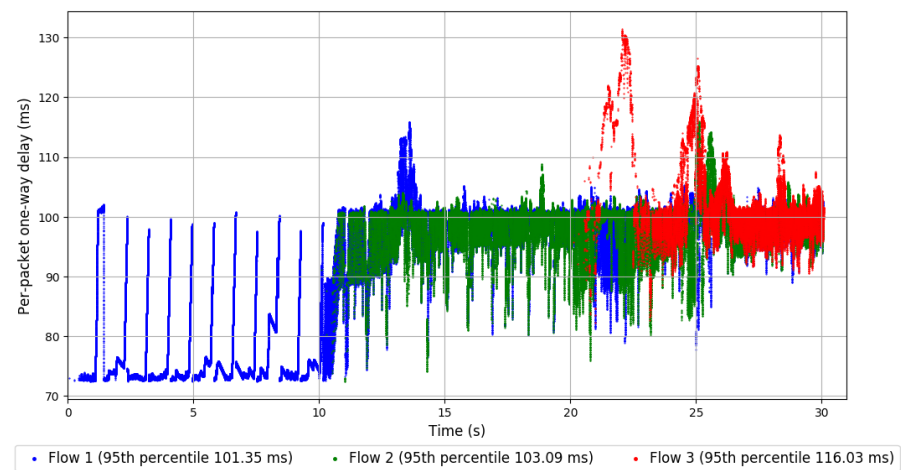
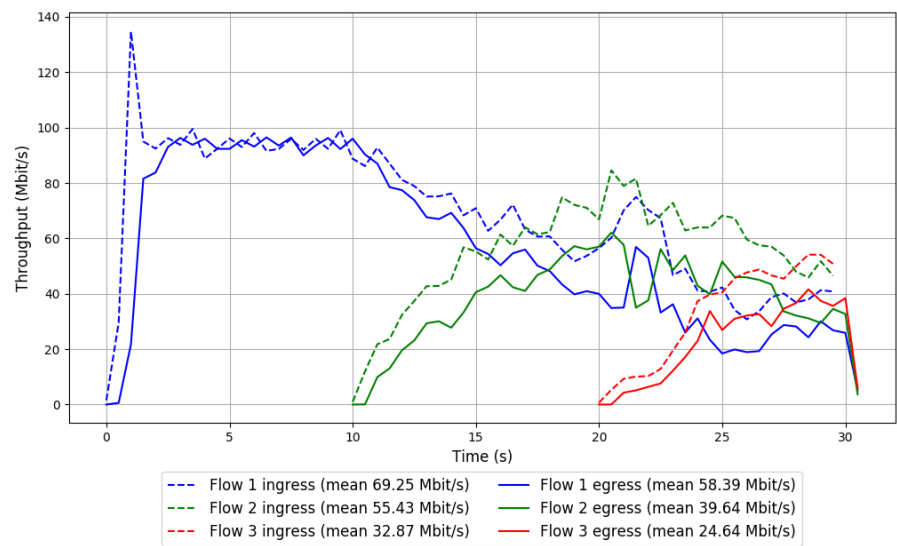


Run 4: Statistics of FillP

Start at: 2019-10-03 00:16:52
End at: 2019-10-03 00:17:22
Local clock offset: 6.565 ms
Remote clock offset: 48.868 ms

Below is generated by plot.py at 2019-10-03 01:13:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 102.924 ms
Loss rate: 20.54%
-- Flow 1:
Average throughput: 58.39 Mbit/s
95th percentile per-packet one-way delay: 101.348 ms
Loss rate: 15.61%
-- Flow 2:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 103.094 ms
Loss rate: 28.48%
-- Flow 3:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 116.028 ms
Loss rate: 25.02%

Run 4: Report of FillP — Data Link

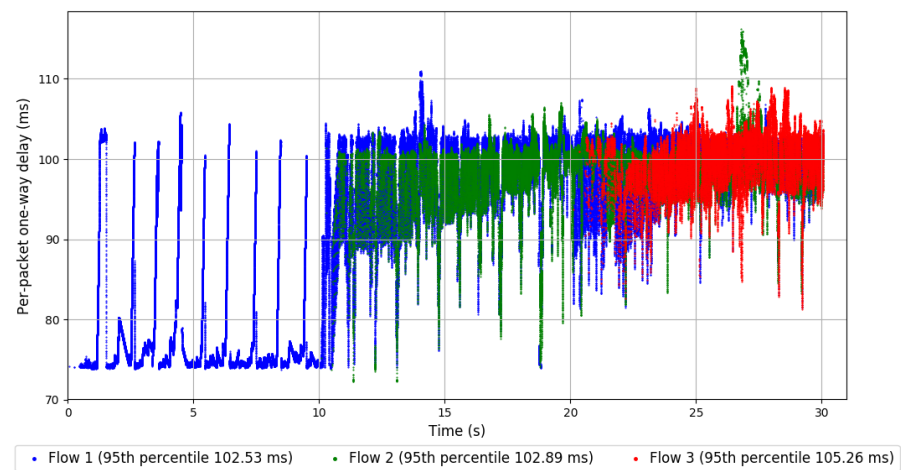
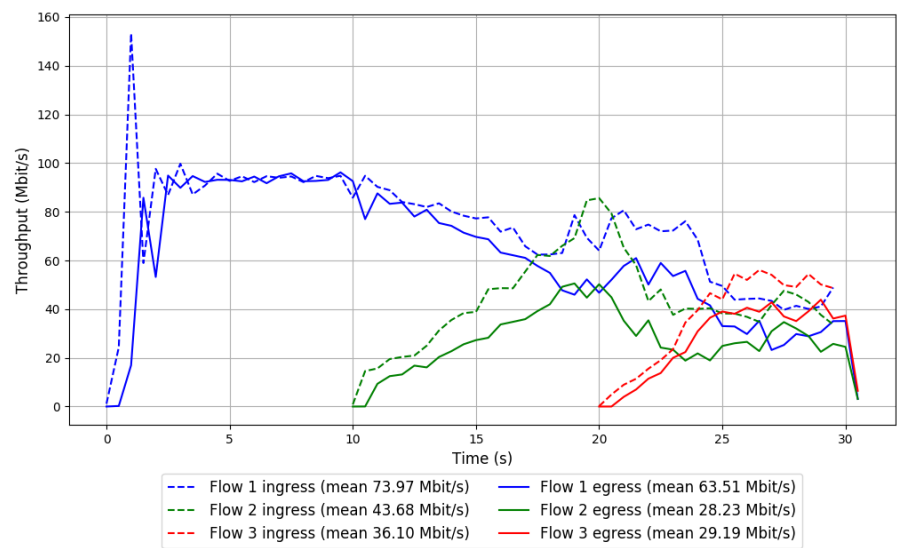


Run 5: Statistics of FillP

Start at: 2019-10-03 00:47:11
End at: 2019-10-03 00:47:41
Local clock offset: 3.805 ms
Remote clock offset: 51.923 ms

Below is generated by plot.py at 2019-10-03 01:13:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.97 Mbit/s
95th percentile per-packet one-way delay: 102.816 ms
Loss rate: 19.95%
-- Flow 1:
Average throughput: 63.51 Mbit/s
95th percentile per-packet one-way delay: 102.533 ms
Loss rate: 14.07%
-- Flow 2:
Average throughput: 28.23 Mbit/s
95th percentile per-packet one-way delay: 102.893 ms
Loss rate: 35.29%
-- Flow 3:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 105.257 ms
Loss rate: 19.07%

Run 5: Report of FillP — Data Link

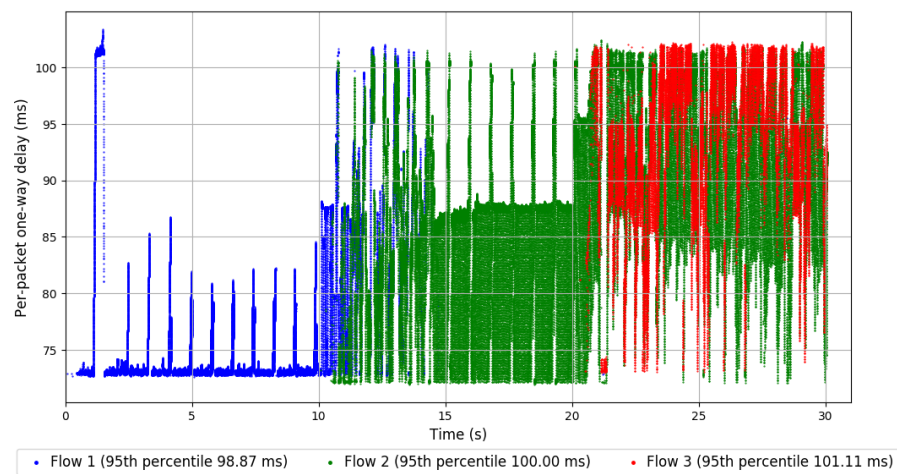
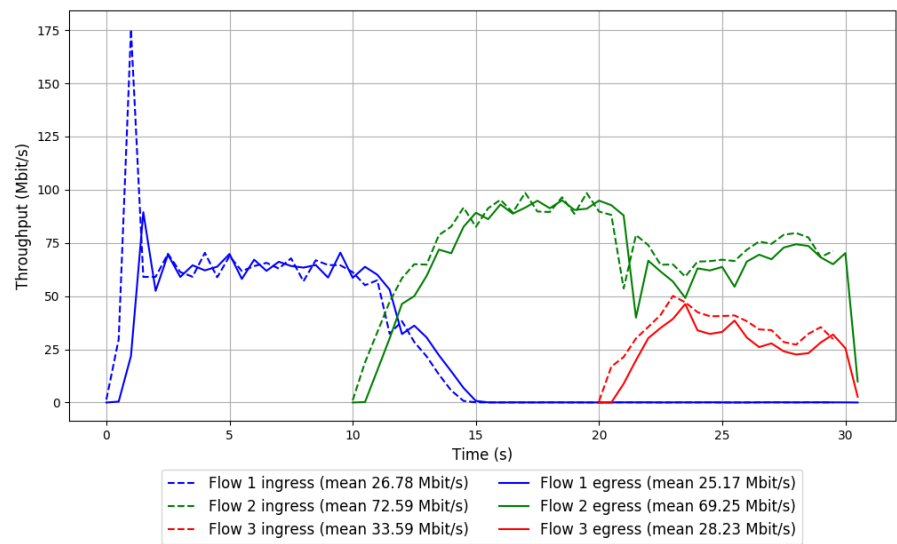


Run 1: Statistics of FillP-Sheep

Start at: 2019-10-02 22:49:32
End at: 2019-10-02 22:50:02
Local clock offset: -6.717 ms
Remote clock offset: 37.221 ms

Below is generated by plot.py at 2019-10-03 01:13:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.61 Mbit/s
95th percentile per-packet one-way delay: 100.142 ms
Loss rate: 6.45%
-- Flow 1:
Average throughput: 25.17 Mbit/s
95th percentile per-packet one-way delay: 98.871 ms
Loss rate: 5.96%
-- Flow 2:
Average throughput: 69.25 Mbit/s
95th percentile per-packet one-way delay: 100.003 ms
Loss rate: 4.52%
-- Flow 3:
Average throughput: 28.23 Mbit/s
95th percentile per-packet one-way delay: 101.106 ms
Loss rate: 16.06%

Run 1: Report of FillP-Sheep — Data Link

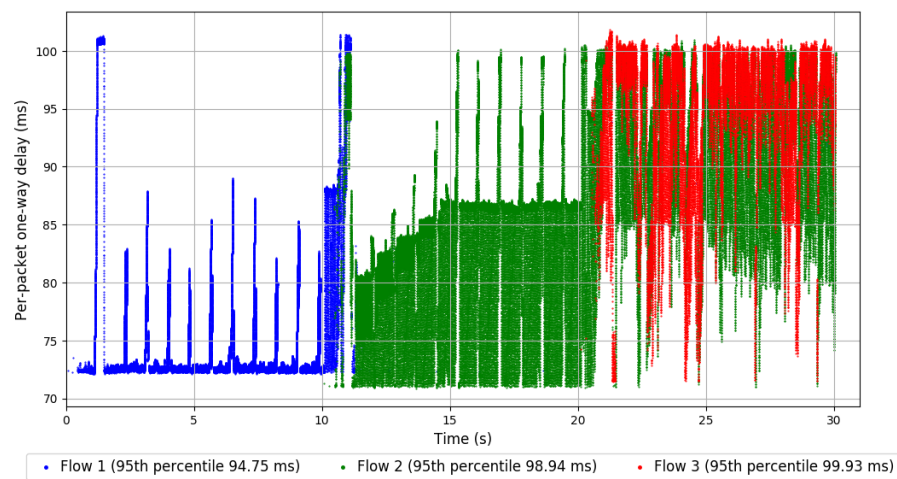
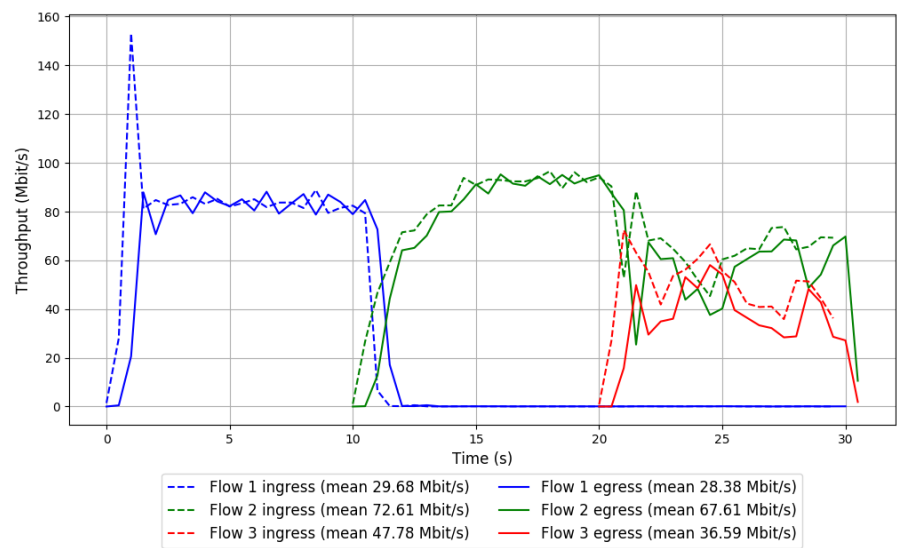


Run 2: Statistics of FillP-Sheep

Start at: 2019-10-02 23:19:57
End at: 2019-10-02 23:20:27
Local clock offset: -7.286 ms
Remote clock offset: 41.008 ms

Below is generated by plot.py at 2019-10-03 01:14:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.41 Mbit/s
95th percentile per-packet one-way delay: 99.163 ms
Loss rate: 8.78%
-- Flow 1:
Average throughput: 28.38 Mbit/s
95th percentile per-packet one-way delay: 94.749 ms
Loss rate: 4.34%
-- Flow 2:
Average throughput: 67.61 Mbit/s
95th percentile per-packet one-way delay: 98.942 ms
Loss rate: 6.75%
-- Flow 3:
Average throughput: 36.59 Mbit/s
95th percentile per-packet one-way delay: 99.932 ms
Loss rate: 23.29%

Run 2: Report of FillP-Sheep — Data Link

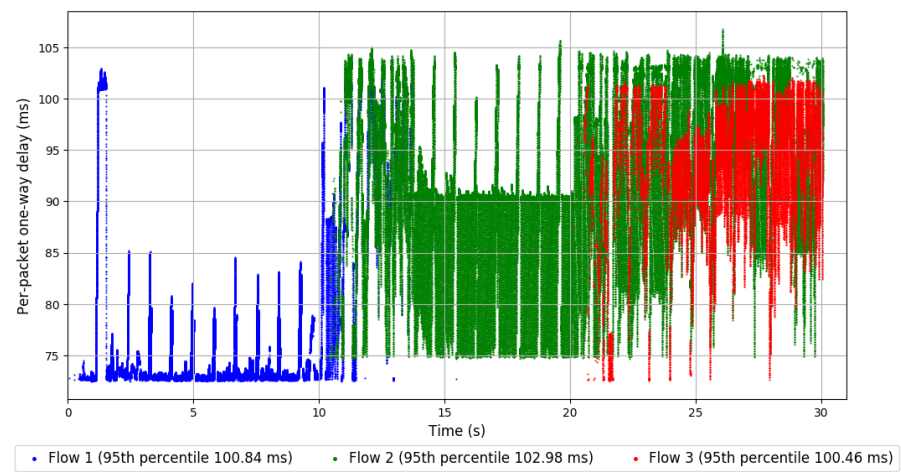
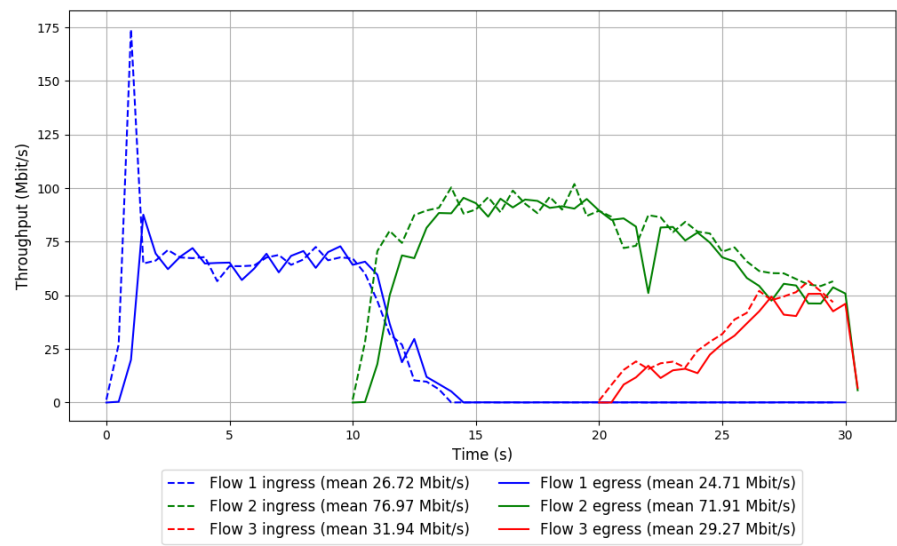


Run 3: Statistics of FillP-Sheep

Start at: 2019-10-02 23:50:18
End at: 2019-10-02 23:50:48
Local clock offset: -6.19 ms
Remote clock offset: 46.275 ms

Below is generated by plot.py at 2019-10-03 01:14:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.14 Mbit/s
95th percentile per-packet one-way delay: 102.554 ms
Loss rate: 7.00%
-- Flow 1:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 100.842 ms
Loss rate: 7.48%
-- Flow 2:
Average throughput: 71.91 Mbit/s
95th percentile per-packet one-way delay: 102.981 ms
Loss rate: 6.47%
-- Flow 3:
Average throughput: 29.27 Mbit/s
95th percentile per-packet one-way delay: 100.464 ms
Loss rate: 8.33%

Run 3: Report of FillP-Sheep — Data Link

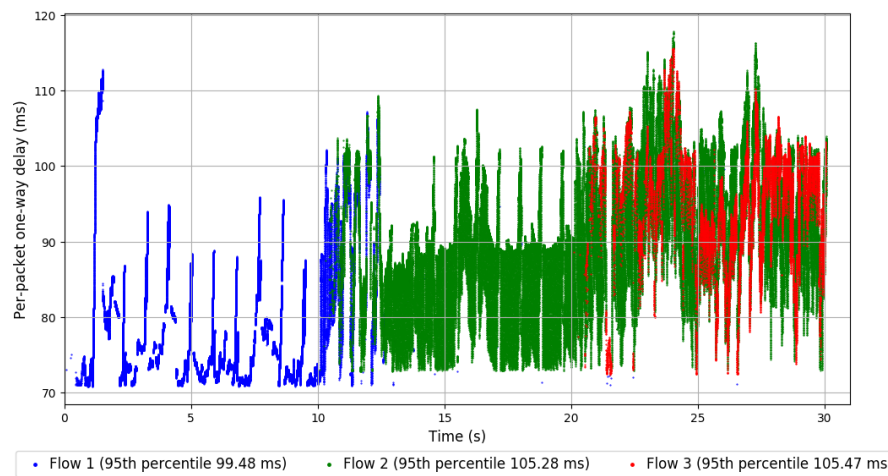
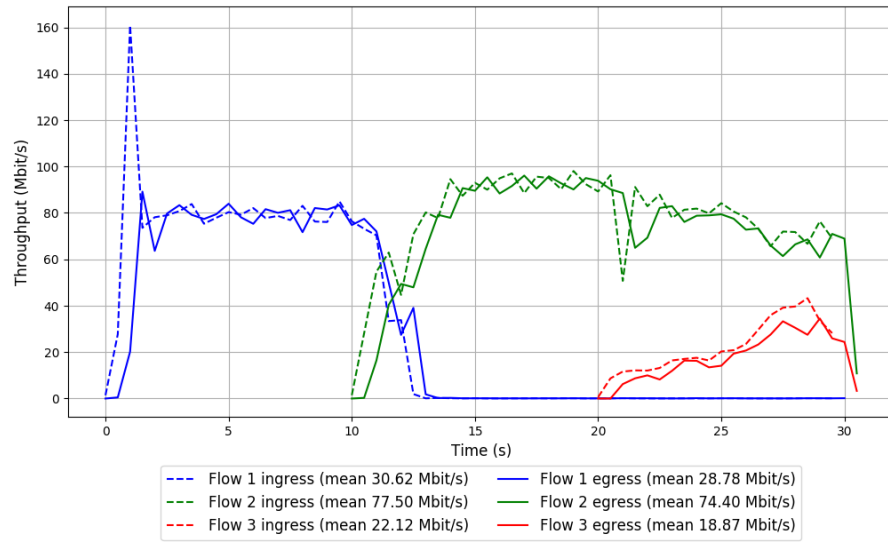


Run 4: Statistics of FillP-Sheep

Start at: 2019-10-03 00:20:36
End at: 2019-10-03 00:21:06
Local clock offset: 7.313 ms
Remote clock offset: 47.522 ms

Below is generated by plot.py at 2019-10-03 01:14:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 104.558 ms
Loss rate: 5.46%
-- Flow 1:
Average throughput: 28.78 Mbit/s
95th percentile per-packet one-way delay: 99.481 ms
Loss rate: 5.97%
-- Flow 2:
Average throughput: 74.40 Mbit/s
95th percentile per-packet one-way delay: 105.285 ms
Loss rate: 3.86%
-- Flow 3:
Average throughput: 18.87 Mbit/s
95th percentile per-packet one-way delay: 105.470 ms
Loss rate: 14.61%

Run 4: Report of FillP-Sheep — Data Link

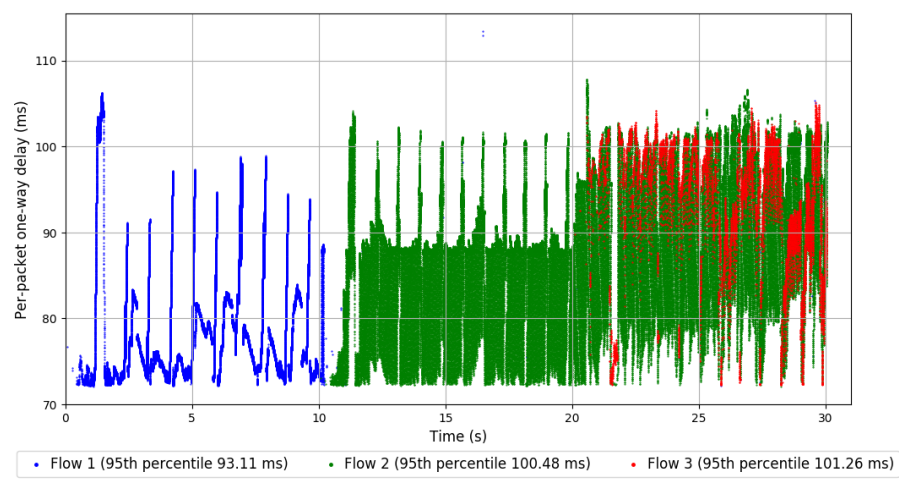
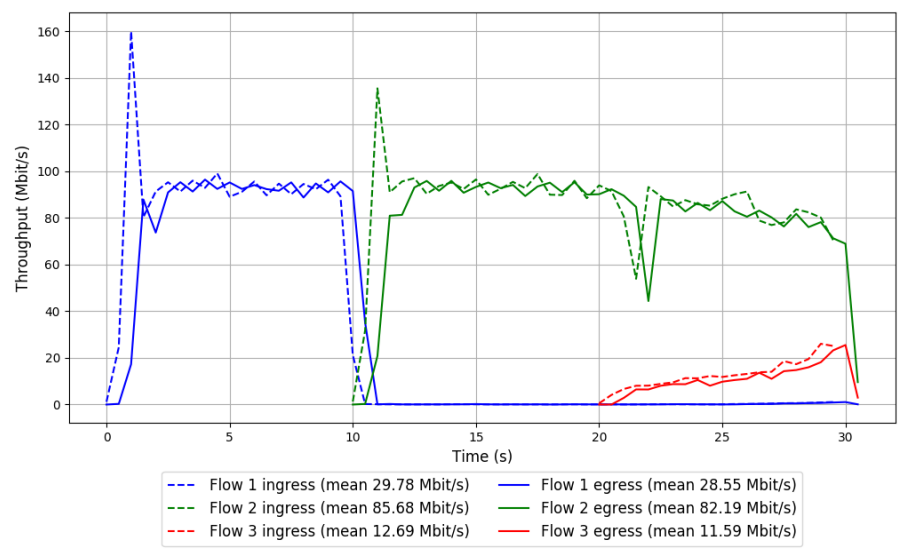


Run 5: Statistics of FillP-Sheep

Start at: 2019-10-03 00:50:55
End at: 2019-10-03 00:51:25
Local clock offset: 3.837 ms
Remote clock offset: 52.272 ms

Below is generated by plot.py at 2019-10-03 01:14:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.12 Mbit/s
95th percentile per-packet one-way delay: 100.389 ms
Loss rate: 4.20%
-- Flow 1:
Average throughput: 28.55 Mbit/s
95th percentile per-packet one-way delay: 93.114 ms
Loss rate: 4.08%
-- Flow 2:
Average throughput: 82.19 Mbit/s
95th percentile per-packet one-way delay: 100.477 ms
Loss rate: 3.94%
-- Flow 3:
Average throughput: 11.59 Mbit/s
95th percentile per-packet one-way delay: 101.261 ms
Loss rate: 8.60%

Run 5: Report of FillP-Sheep — Data Link

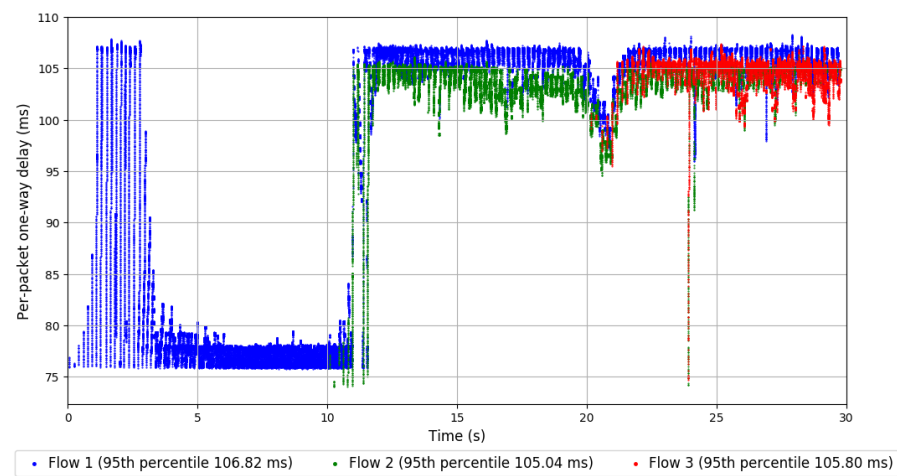
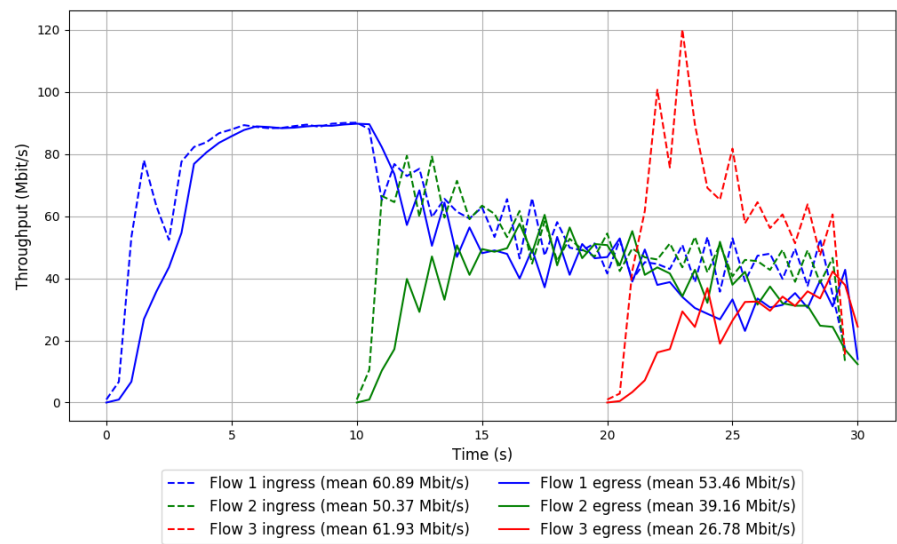


Run 1: Statistics of Indigo

Start at: 2019-10-02 22:50:48
End at: 2019-10-02 22:51:18
Local clock offset: -6.673 ms
Remote clock offset: 39.325 ms

Below is generated by plot.py at 2019-10-03 01:14:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 106.777 ms
Loss rate: 22.88%
-- Flow 1:
Average throughput: 53.46 Mbit/s
95th percentile per-packet one-way delay: 106.820 ms
Loss rate: 12.11%
-- Flow 2:
Average throughput: 39.16 Mbit/s
95th percentile per-packet one-way delay: 105.040 ms
Loss rate: 22.14%
-- Flow 3:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 105.800 ms
Loss rate: 56.75%

Run 1: Report of Indigo — Data Link

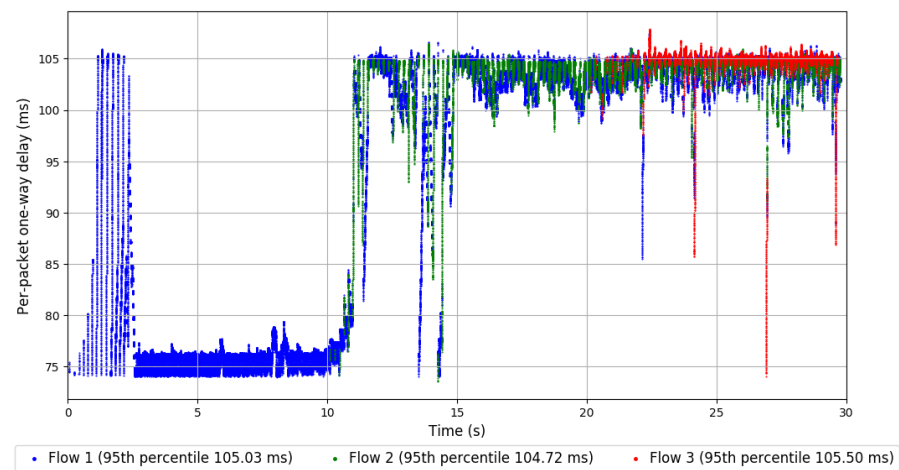
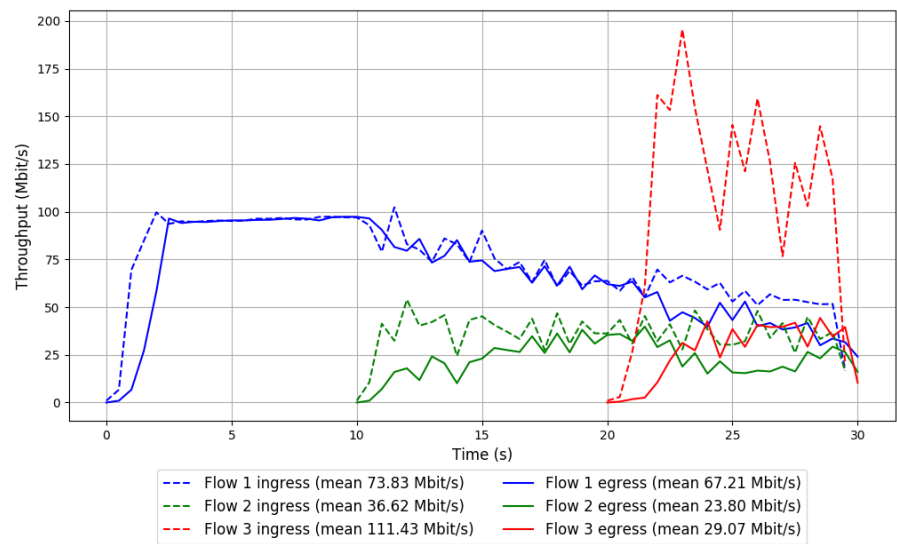


Run 2: Statistics of Indigo

Start at: 2019-10-02 23:21:13
End at: 2019-10-02 23:21:43
Local clock offset: -7.381 ms
Remote clock offset: 42.851 ms

Below is generated by plot.py at 2019-10-03 01:14:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.23 Mbit/s
95th percentile per-packet one-way delay: 105.116 ms
Loss rate: 30.90%
-- Flow 1:
Average throughput: 67.21 Mbit/s
95th percentile per-packet one-way delay: 105.025 ms
Loss rate: 8.88%
-- Flow 2:
Average throughput: 23.80 Mbit/s
95th percentile per-packet one-way delay: 104.719 ms
Loss rate: 34.90%
-- Flow 3:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 105.505 ms
Loss rate: 73.91%

Run 2: Report of Indigo — Data Link

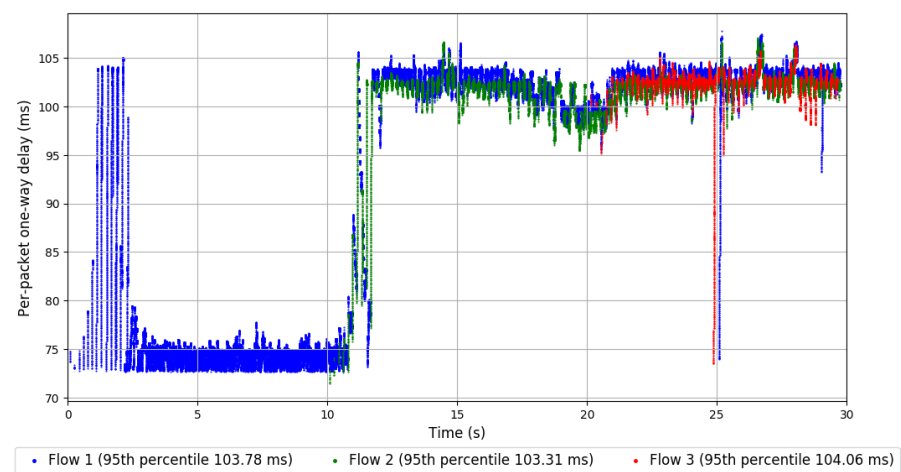
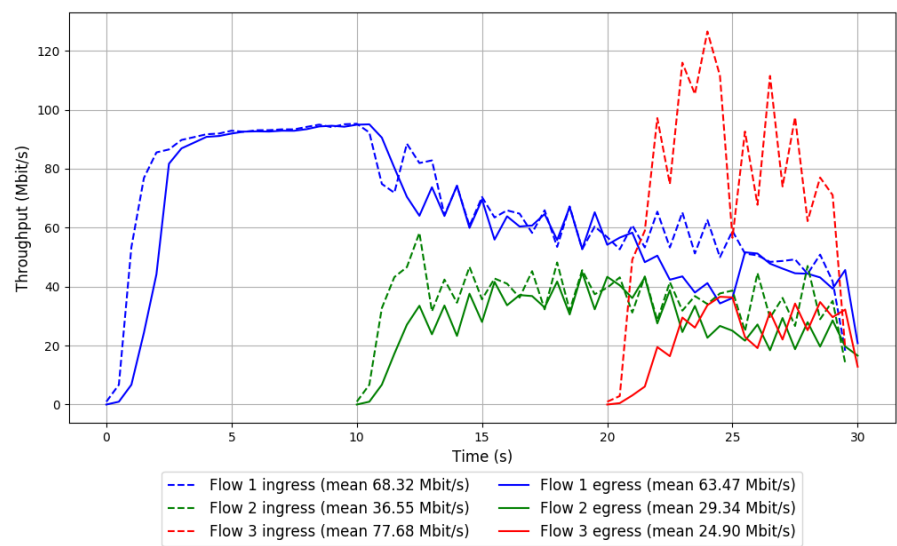


Run 3: Statistics of Indigo

Start at: 2019-10-02 23:51:34
End at: 2019-10-02 23:52:04
Local clock offset: -6.243 ms
Remote clock offset: 44.61 ms

Below is generated by plot.py at 2019-10-03 01:14:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: 103.776 ms
Loss rate: 22.50%
-- Flow 1:
Average throughput: 63.47 Mbit/s
95th percentile per-packet one-way delay: 103.777 ms
Loss rate: 7.01%
-- Flow 2:
Average throughput: 29.34 Mbit/s
95th percentile per-packet one-way delay: 103.311 ms
Loss rate: 19.59%
-- Flow 3:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 104.062 ms
Loss rate: 67.94%

Run 3: Report of Indigo — Data Link

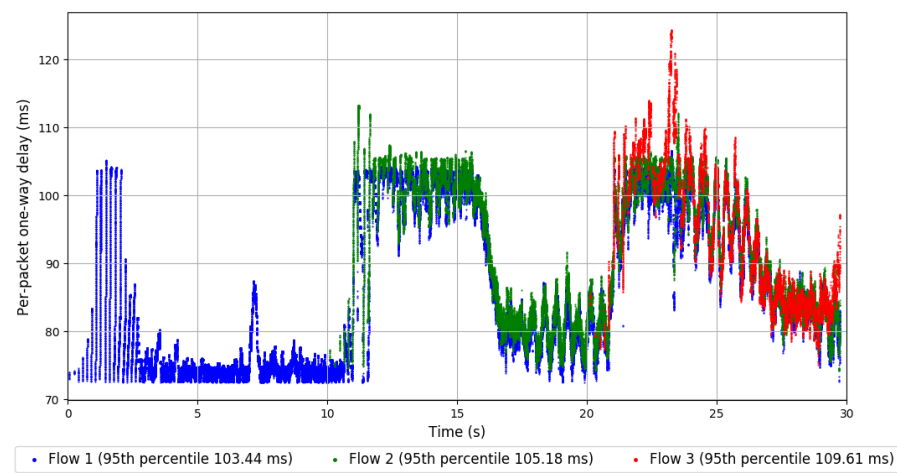
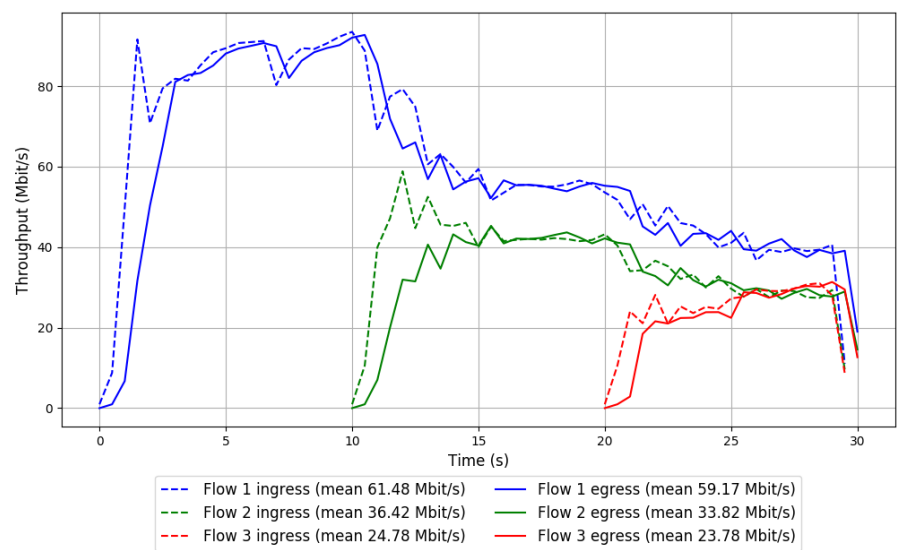


Run 4: Statistics of Indigo

Start at: 2019-10-03 00:21:52
End at: 2019-10-03 00:22:22
Local clock offset: 7.58 ms
Remote clock offset: 49.469 ms

Below is generated by plot.py at 2019-10-03 01:14:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.25 Mbit/s
95th percentile per-packet one-way delay: 103.923 ms
Loss rate: 4.61%
-- Flow 1:
Average throughput: 59.17 Mbit/s
95th percentile per-packet one-way delay: 103.444 ms
Loss rate: 3.72%
-- Flow 2:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 105.183 ms
Loss rate: 7.11%
-- Flow 3:
Average throughput: 23.78 Mbit/s
95th percentile per-packet one-way delay: 109.605 ms
Loss rate: 3.90%

Run 4: Report of Indigo — Data Link

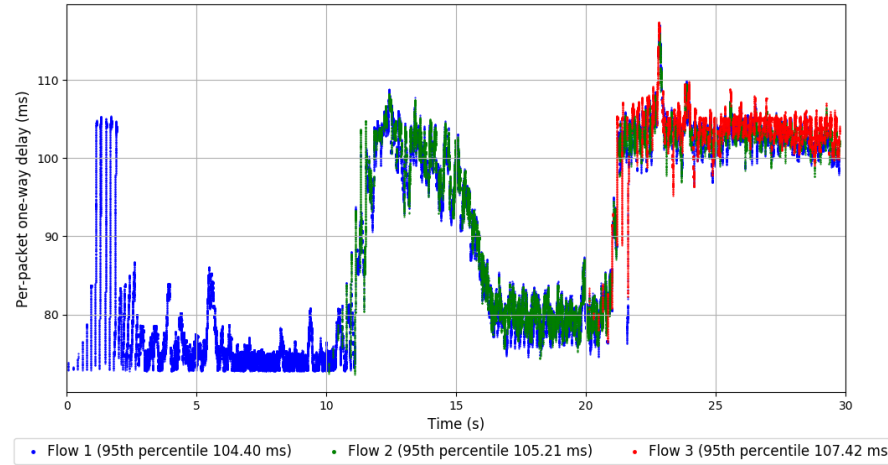
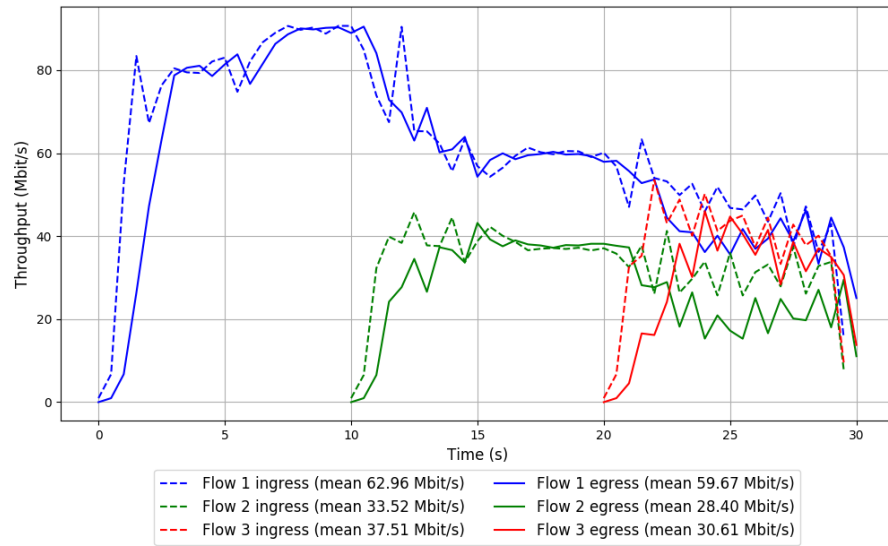


Run 5: Statistics of Indigo

Start at: 2019-10-03 00:52:11
End at: 2019-10-03 00:52:41
Local clock offset: 3.848 ms
Remote clock offset: 52.402 ms

Below is generated by plot.py at 2019-10-03 01:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.41 Mbit/s
95th percentile per-packet one-way delay: 105.162 ms
Loss rate: 9.06%
-- Flow 1:
Average throughput: 59.67 Mbit/s
95th percentile per-packet one-way delay: 104.397 ms
Loss rate: 5.14%
-- Flow 2:
Average throughput: 28.40 Mbit/s
95th percentile per-packet one-way delay: 105.213 ms
Loss rate: 15.15%
-- Flow 3:
Average throughput: 30.61 Mbit/s
95th percentile per-packet one-way delay: 107.417 ms
Loss rate: 18.22%

Run 5: Report of Indigo — Data Link

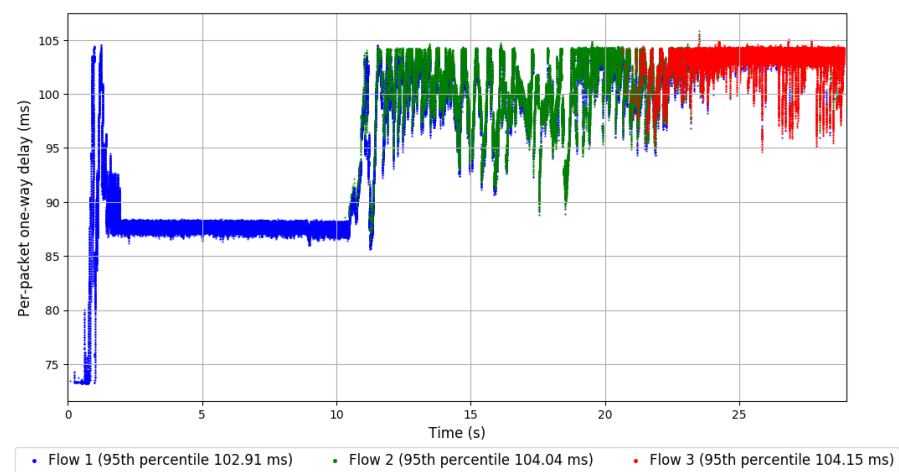
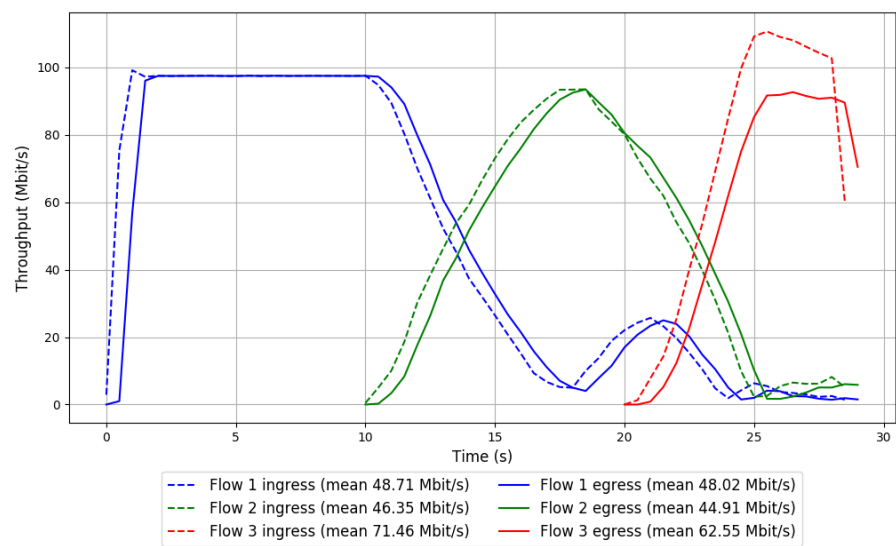


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-10-02 22:53:19
End at: 2019-10-02 22:53:49
Local clock offset: -6.784 ms
Remote clock offset: 39.497 ms

Below is generated by plot.py at 2019-10-03 01:15:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 104.042 ms
Loss rate: 4.16%
-- Flow 1:
Average throughput: 48.02 Mbit/s
95th percentile per-packet one-way delay: 102.907 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 44.91 Mbit/s
95th percentile per-packet one-way delay: 104.038 ms
Loss rate: 3.03%
-- Flow 3:
Average throughput: 62.55 Mbit/s
95th percentile per-packet one-way delay: 104.154 ms
Loss rate: 12.45%

Run 1: Report of Indigo-MusesC3 — Data Link

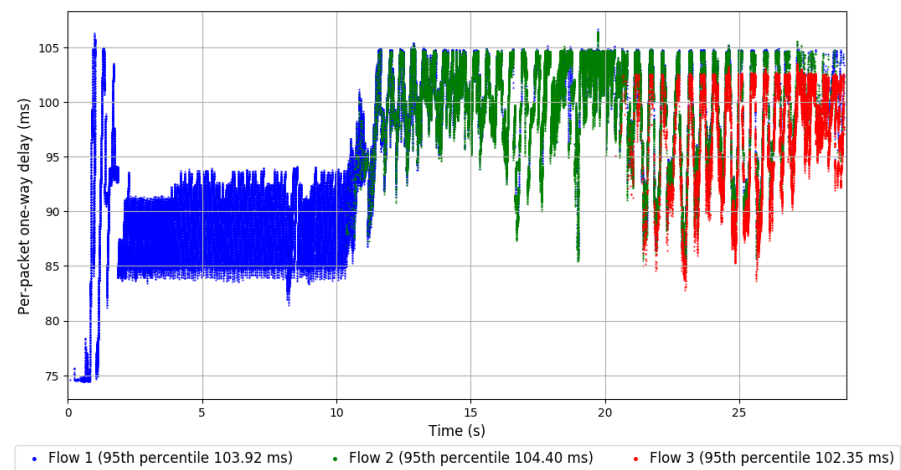
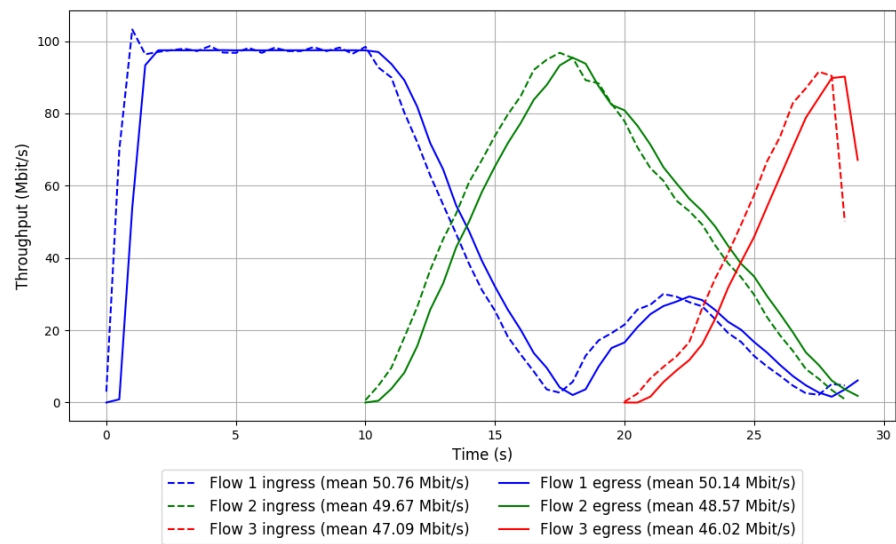


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-10-02 23:23:44
End at: 2019-10-02 23:24:14
Local clock offset: -7.405 ms
Remote clock offset: 43.122 ms

Below is generated by plot.py at 2019-10-03 01:15:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 104.273 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 103.916 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 48.57 Mbit/s
95th percentile per-packet one-way delay: 104.400 ms
Loss rate: 2.15%
-- Flow 3:
Average throughput: 46.02 Mbit/s
95th percentile per-packet one-way delay: 102.350 ms
Loss rate: 2.25%

Run 2: Report of Indigo-MusesC3 — Data Link

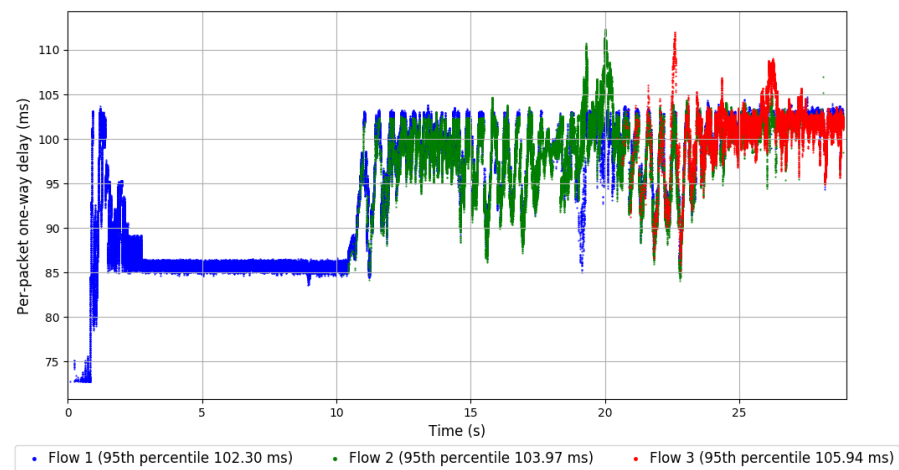
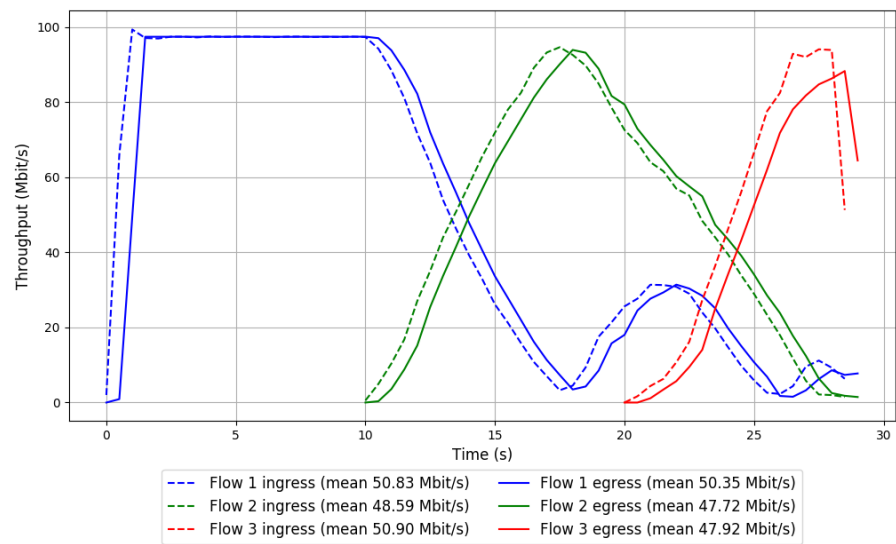


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-10-02 23:54:05
End at: 2019-10-02 23:54:35
Local clock offset: -6.201 ms
Remote clock offset: 44.597 ms

Below is generated by plot.py at 2019-10-03 01:15:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.19 Mbit/s
95th percentile per-packet one-way delay: 103.001 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 102.300 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 47.72 Mbit/s
95th percentile per-packet one-way delay: 103.973 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 47.92 Mbit/s
95th percentile per-packet one-way delay: 105.942 ms
Loss rate: 5.82%

Run 3: Report of Indigo-MusesC3 — Data Link

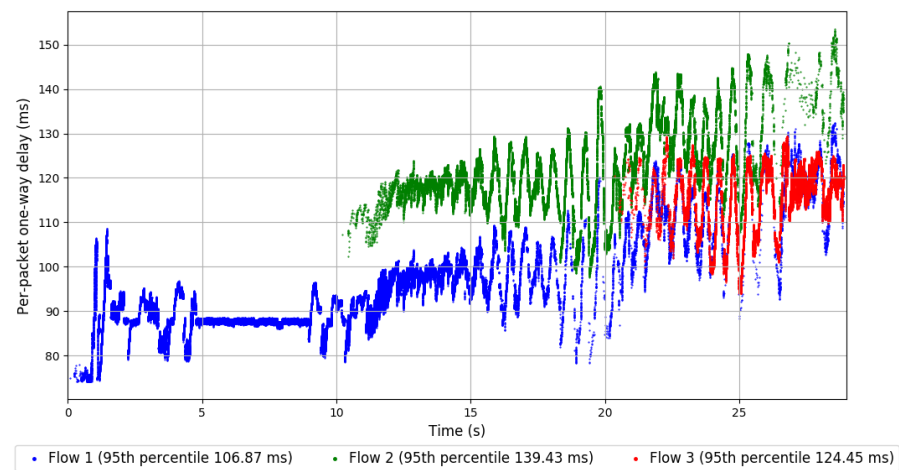
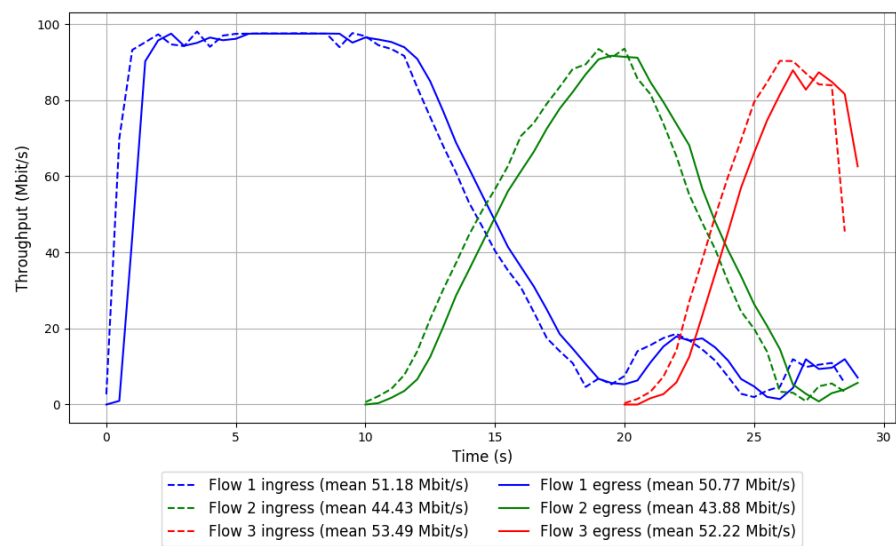


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-10-03 00:24:23
End at: 2019-10-03 00:24:53
Local clock offset: 8.057 ms
Remote clock offset: 49.644 ms

Below is generated by plot.py at 2019-10-03 01:15:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 130.606 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 50.77 Mbit/s
95th percentile per-packet one-way delay: 106.872 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 43.88 Mbit/s
95th percentile per-packet one-way delay: 139.432 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 52.22 Mbit/s
95th percentile per-packet one-way delay: 124.454 ms
Loss rate: 2.60%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-10-03 00:54:42

End at: 2019-10-03 00:55:12

Local clock offset: 3.938 ms

Remote clock offset: 51.03 ms

Below is generated by plot.py at 2019-10-03 01:15:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.09 Mbit/s

95th percentile per-packet one-way delay: 129.089 ms

Loss rate: 2.56%

-- Flow 1:

Average throughput: 50.77 Mbit/s

95th percentile per-packet one-way delay: 103.630 ms

Loss rate: 2.31%

-- Flow 2:

Average throughput: 54.39 Mbit/s

95th percentile per-packet one-way delay: 110.994 ms

Loss rate: 2.56%

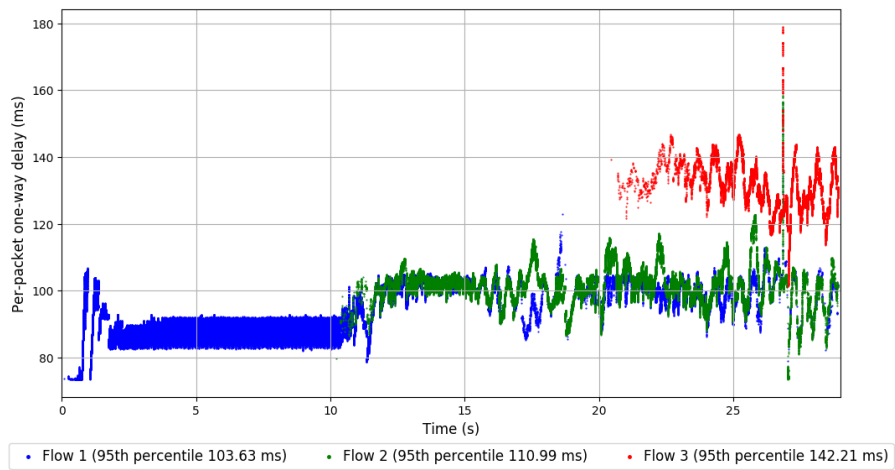
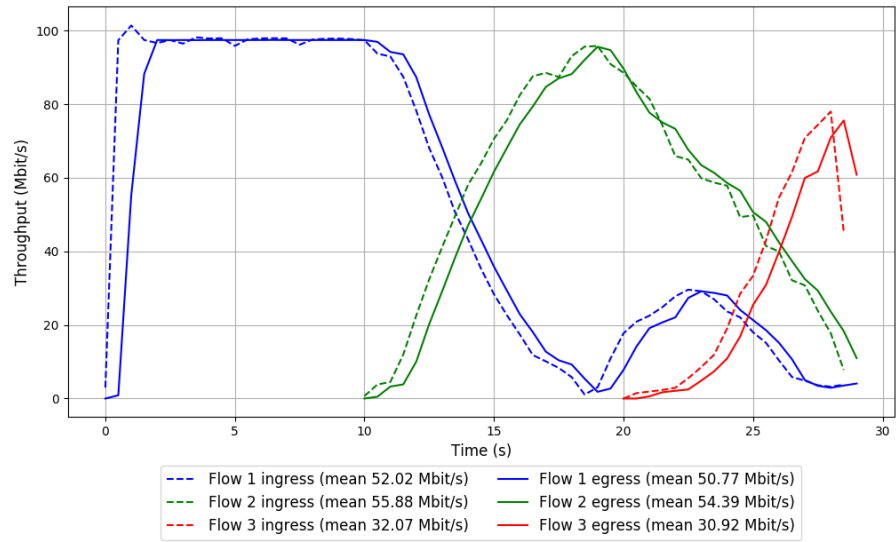
-- Flow 3:

Average throughput: 30.92 Mbit/s

95th percentile per-packet one-way delay: 142.213 ms

Loss rate: 4.00%

Run 5: Report of Indigo-MusesC3 — Data Link

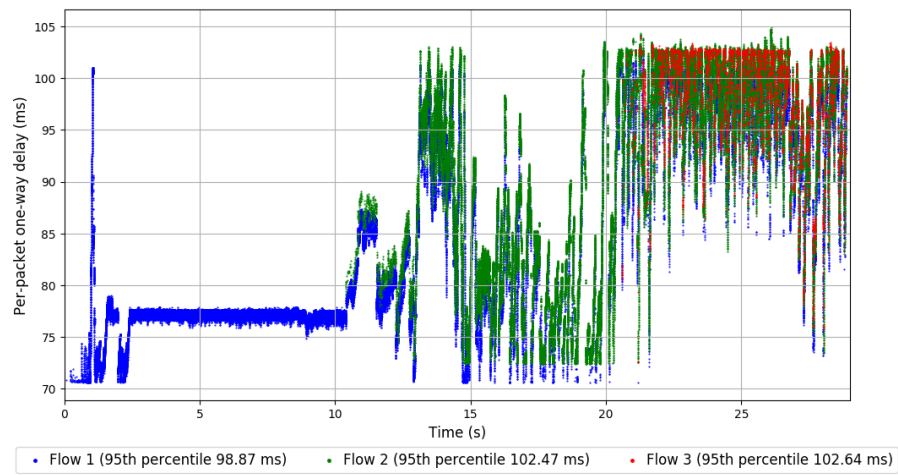
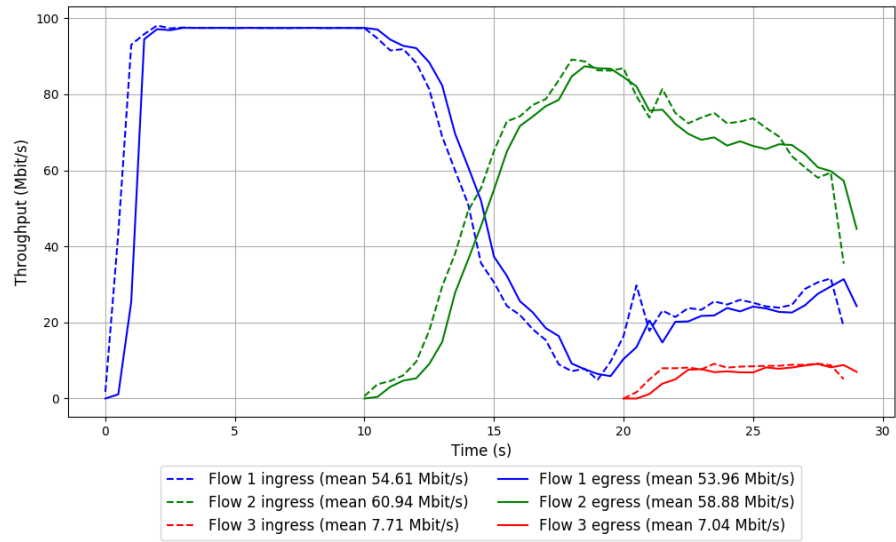


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-10-02 23:07:18
End at: 2019-10-02 23:07:48
Local clock offset: -6.921 ms
Remote clock offset: 39.281 ms

Below is generated by plot.py at 2019-10-03 01:15:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.13 Mbit/s
95th percentile per-packet one-way delay: 102.132 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 53.96 Mbit/s
95th percentile per-packet one-way delay: 98.871 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 102.473 ms
Loss rate: 3.27%
-- Flow 3:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 102.644 ms
Loss rate: 8.63%

Run 1: Report of Indigo-MusesC5 — Data Link

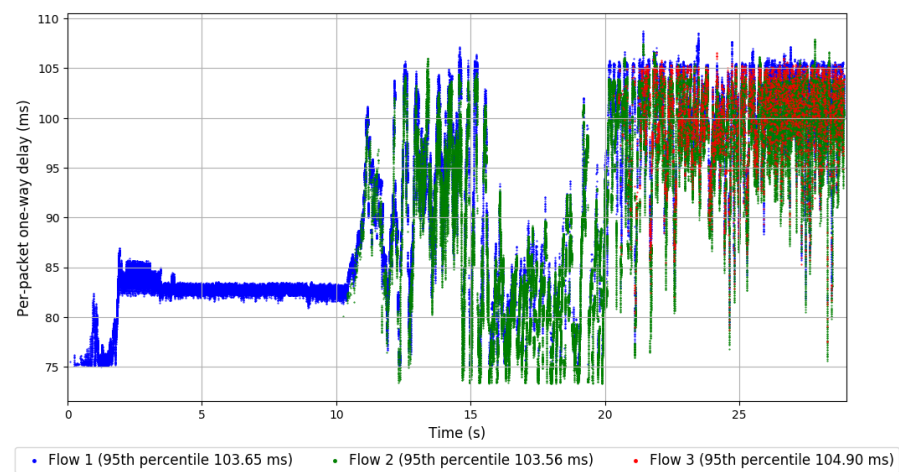
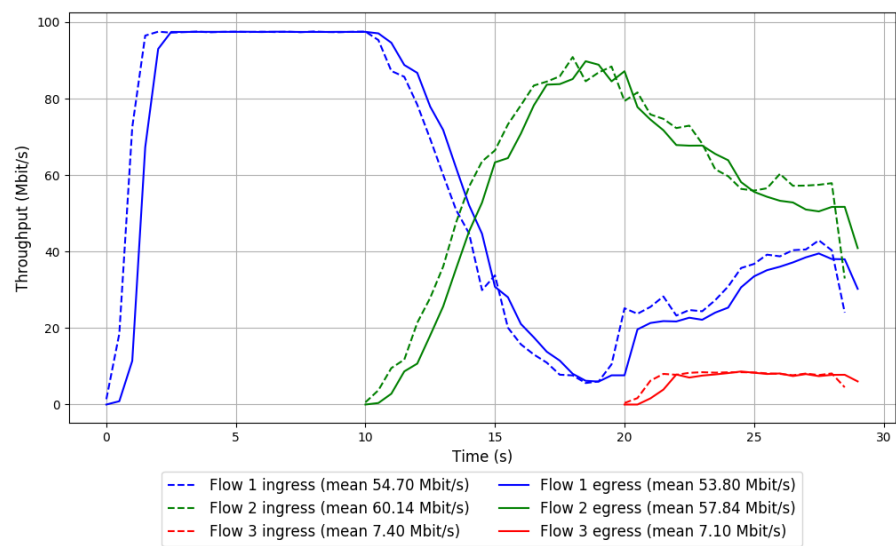


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-10-02 23:37:40
End at: 2019-10-02 23:38:10
Local clock offset: -6.324 ms
Remote clock offset: 44.864 ms

Below is generated by plot.py at 2019-10-03 01:15:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.32 Mbit/s
95th percentile per-packet one-way delay: 103.635 ms
Loss rate: 2.49%
-- Flow 1:
Average throughput: 53.80 Mbit/s
95th percentile per-packet one-way delay: 103.649 ms
Loss rate: 1.56%
-- Flow 2:
Average throughput: 57.84 Mbit/s
95th percentile per-packet one-way delay: 103.562 ms
Loss rate: 3.71%
-- Flow 3:
Average throughput: 7.10 Mbit/s
95th percentile per-packet one-way delay: 104.902 ms
Loss rate: 4.07%

Run 2: Report of Indigo-MusesC5 — Data Link

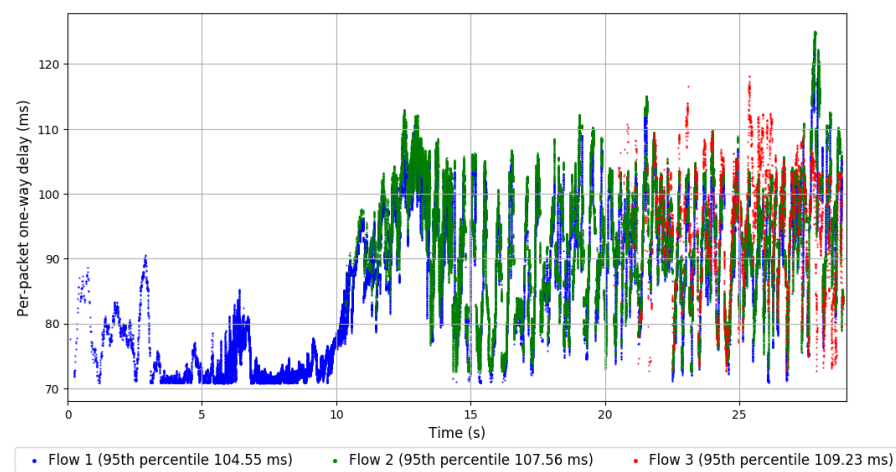
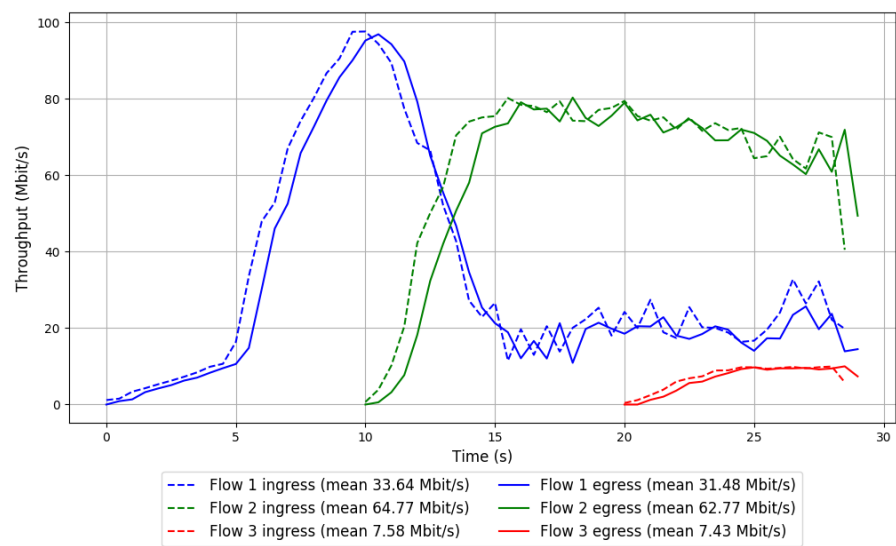


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-10-03 00:08:00
End at: 2019-10-03 00:08:30
Local clock offset: 3.829 ms
Remote clock offset: 46.252 ms

Below is generated by plot.py at 2019-10-03 01:16:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.46 Mbit/s
95th percentile per-packet one-way delay: 106.296 ms
Loss rate: 4.49%
-- Flow 1:
Average throughput: 31.48 Mbit/s
95th percentile per-packet one-way delay: 104.548 ms
Loss rate: 6.43%
-- Flow 2:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 107.559 ms
Loss rate: 3.06%
-- Flow 3:
Average throughput: 7.43 Mbit/s
95th percentile per-packet one-way delay: 109.227 ms
Loss rate: 2.01%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-10-03 00:38:18

End at: 2019-10-03 00:38:48

Local clock offset: 4.053 ms

Remote clock offset: 49.35 ms

Below is generated by plot.py at 2019-10-03 01:16:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.35 Mbit/s

95th percentile per-packet one-way delay: 101.986 ms

Loss rate: 3.83%

-- Flow 1:

Average throughput: 54.42 Mbit/s

95th percentile per-packet one-way delay: 101.353 ms

Loss rate: 2.19%

-- Flow 2:

Average throughput: 54.91 Mbit/s

95th percentile per-packet one-way delay: 103.068 ms

Loss rate: 6.14%

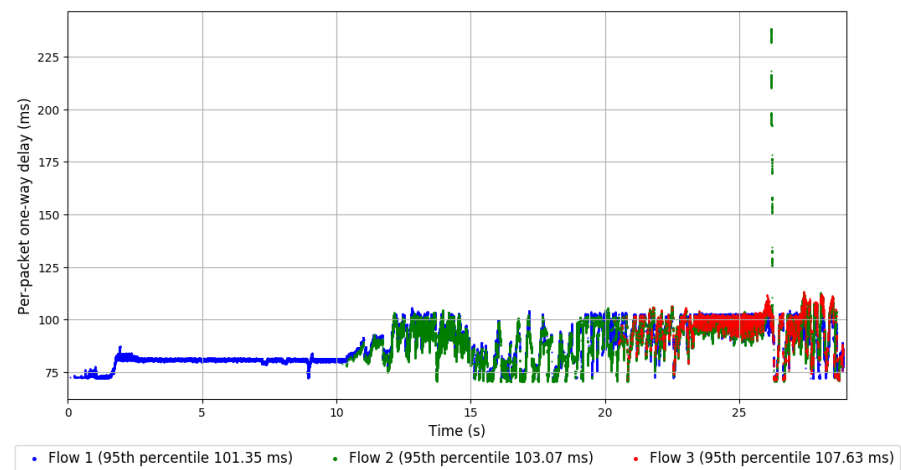
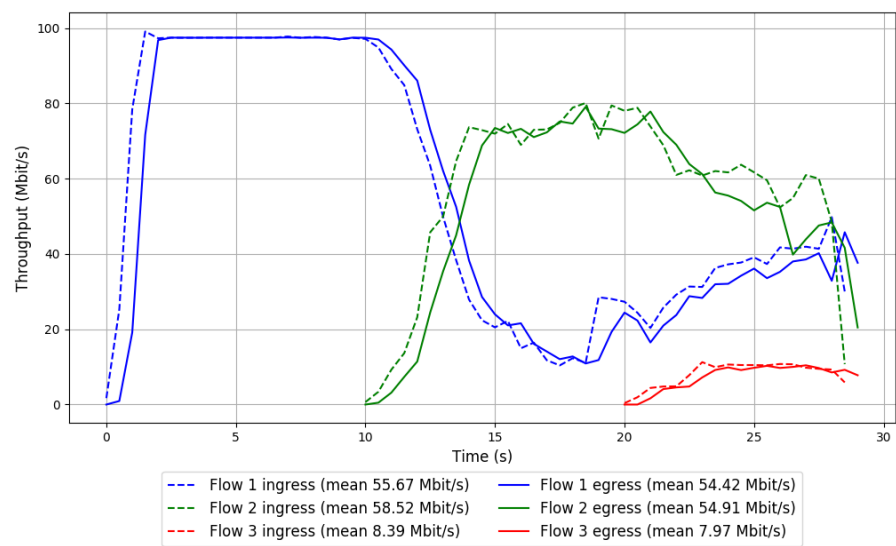
-- Flow 3:

Average throughput: 7.97 Mbit/s

95th percentile per-packet one-way delay: 107.633 ms

Loss rate: 5.15%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-10-03 01:08:38

End at: 2019-10-03 01:09:08

Local clock offset: 11.516 ms

Remote clock offset: 12.5 ms

Below is generated by plot.py at 2019-10-03 01:16:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.75 Mbit/s

95th percentile per-packet one-way delay: 106.131 ms

Loss rate: 3.02%

-- Flow 1:

Average throughput: 71.66 Mbit/s

95th percentile per-packet one-way delay: 105.950 ms

Loss rate: 2.19%

-- Flow 2:

Average throughput: 27.66 Mbit/s

95th percentile per-packet one-way delay: 108.347 ms

Loss rate: 6.26%

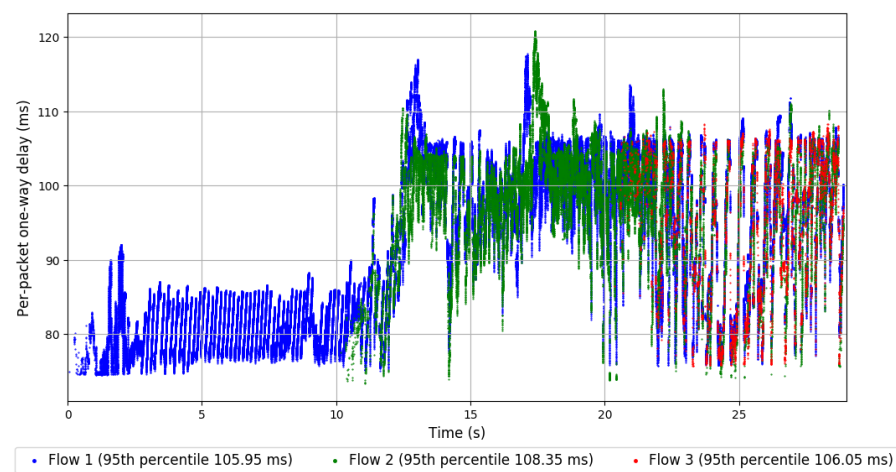
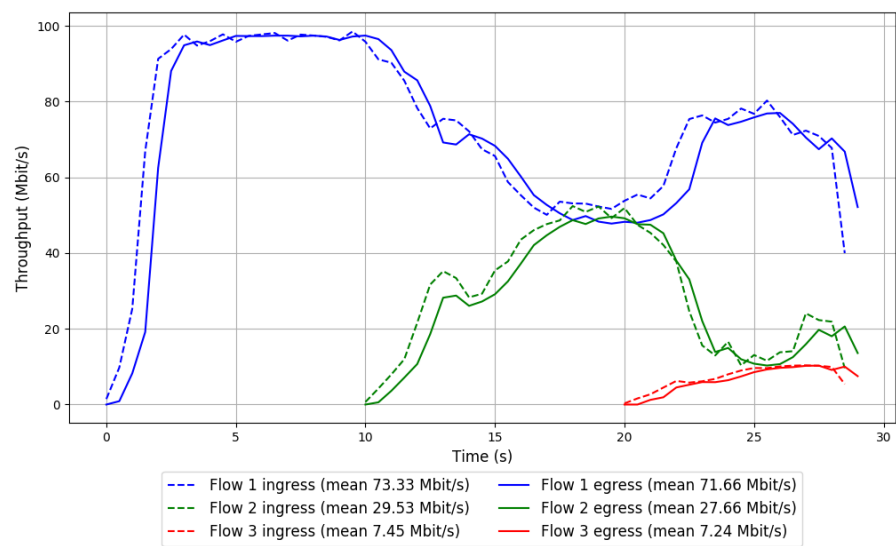
-- Flow 3:

Average throughput: 7.24 Mbit/s

95th percentile per-packet one-way delay: 106.048 ms

Loss rate: 2.69%

Run 5: Report of Indigo-MusesC5 — Data Link

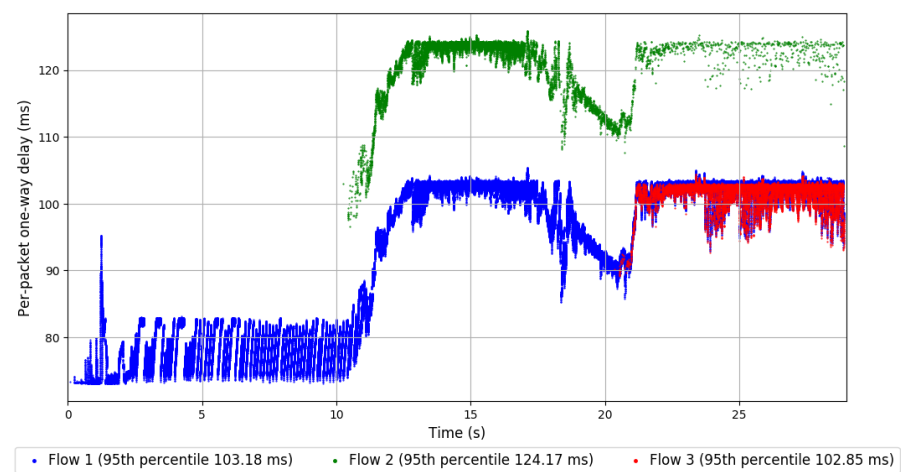
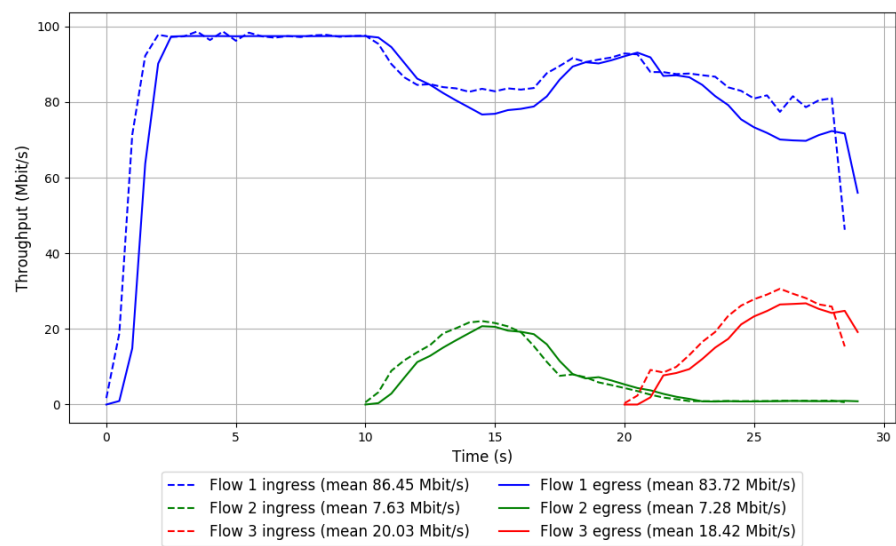



```
Run 1: Statistics of Indigo-MusesD

Start at: 2019-10-02 23:02:12
End at: 2019-10-02 23:02:42
Local clock offset: -6.856 ms
Remote clock offset: 40.667 ms

# Below is generated by plot.py at 2019-10-03 01:16:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 104.529 ms
Loss rate: 3.45%
-- Flow 1:
Average throughput: 83.72 Mbit/s
95th percentile per-packet one-way delay: 103.183 ms
Loss rate: 3.07%
-- Flow 2:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 124.172 ms
Loss rate: 4.61%
-- Flow 3:
Average throughput: 18.42 Mbit/s
95th percentile per-packet one-way delay: 102.850 ms
Loss rate: 7.97%
```

Run 1: Report of Indigo-MusesD — Data Link

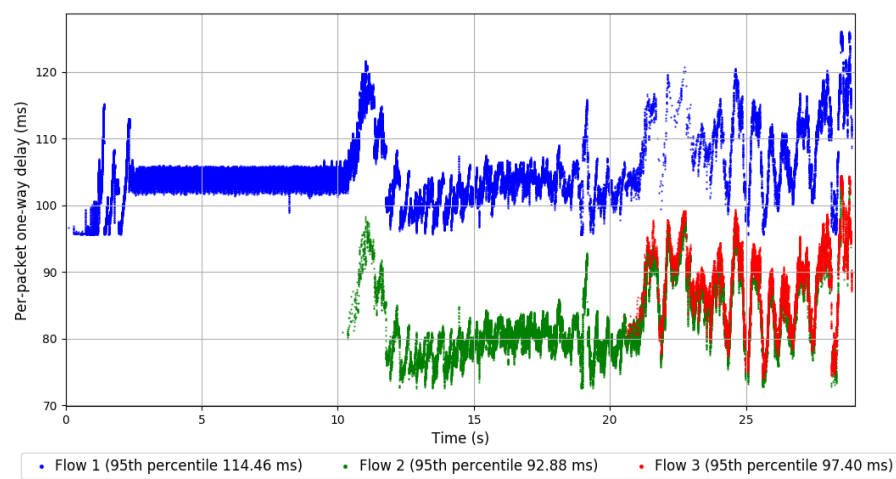
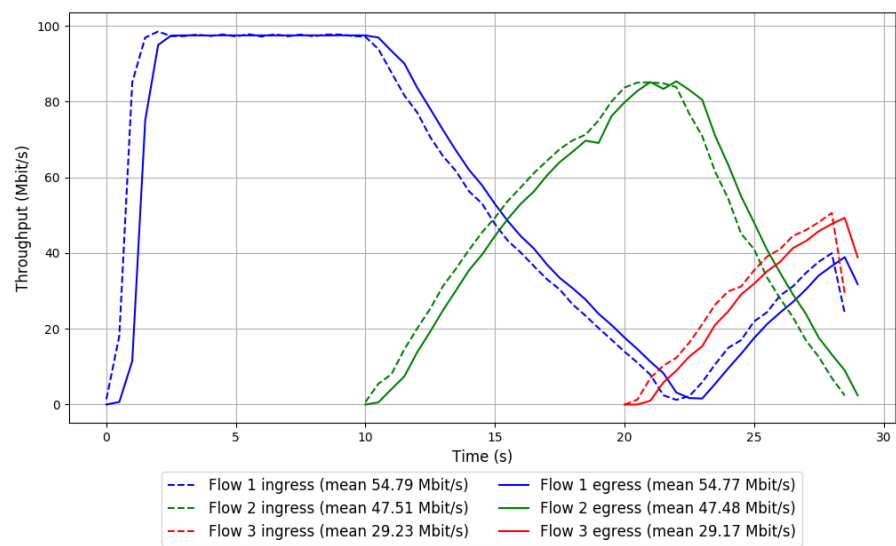


Run 2: Statistics of Indigo-MusesD

Start at: 2019-10-02 23:32:34
End at: 2019-10-02 23:33:04
Local clock offset: -6.55 ms
Remote clock offset: 44.169 ms

Below is generated by plot.py at 2019-10-03 01:16:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.06 Mbit/s
95th percentile per-packet one-way delay: 111.485 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 54.77 Mbit/s
95th percentile per-packet one-way delay: 114.461 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 47.48 Mbit/s
95th percentile per-packet one-way delay: 92.876 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 29.17 Mbit/s
95th percentile per-packet one-way delay: 97.401 ms
Loss rate: 0.14%

Run 2: Report of Indigo-MusesD — Data Link

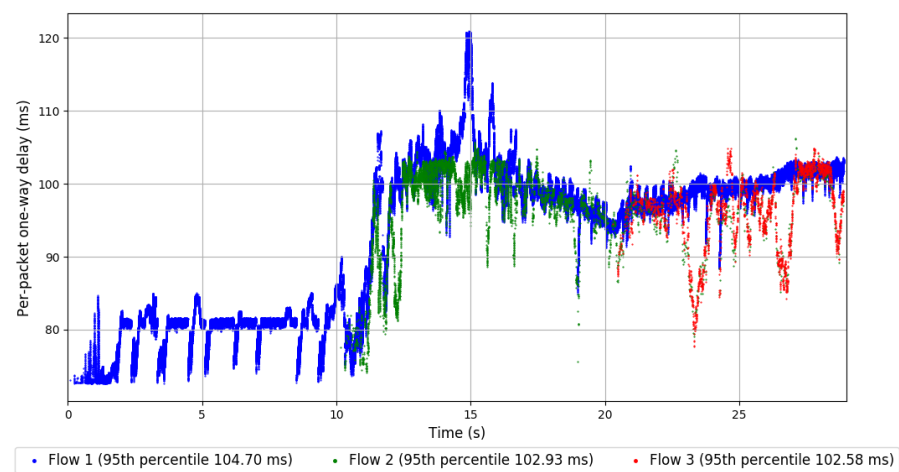
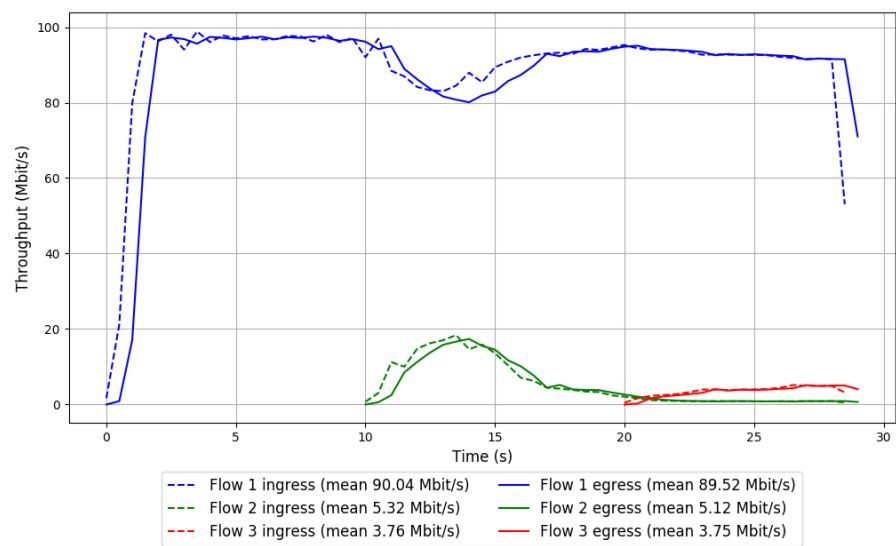


Run 3: Statistics of Indigo-MusesD

Start at: 2019-10-03 00:02:55
End at: 2019-10-03 00:03:25
Local clock offset: 1.371 ms
Remote clock offset: 45.842 ms

Below is generated by plot.py at 2019-10-03 01:16:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 104.544 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 89.52 Mbit/s
95th percentile per-packet one-way delay: 104.698 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 102.933 ms
Loss rate: 3.69%
-- Flow 3:
Average throughput: 3.75 Mbit/s
95th percentile per-packet one-way delay: 102.584 ms
Loss rate: 0.04%

Run 3: Report of Indigo-MusesD — Data Link

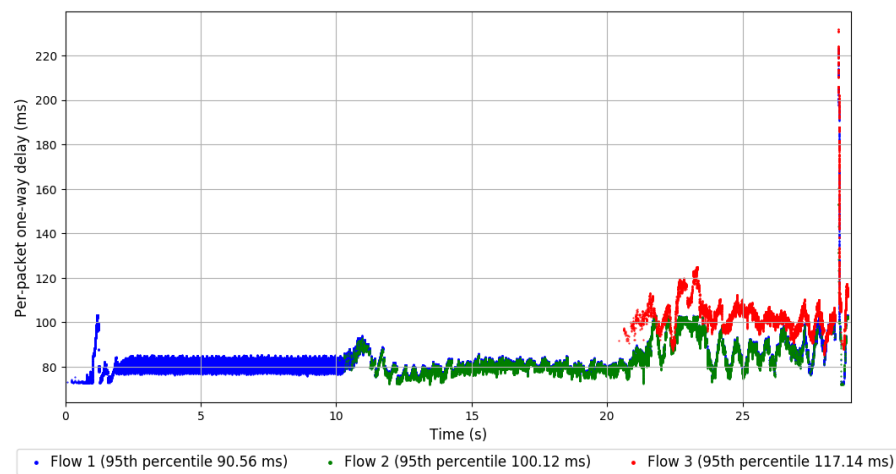
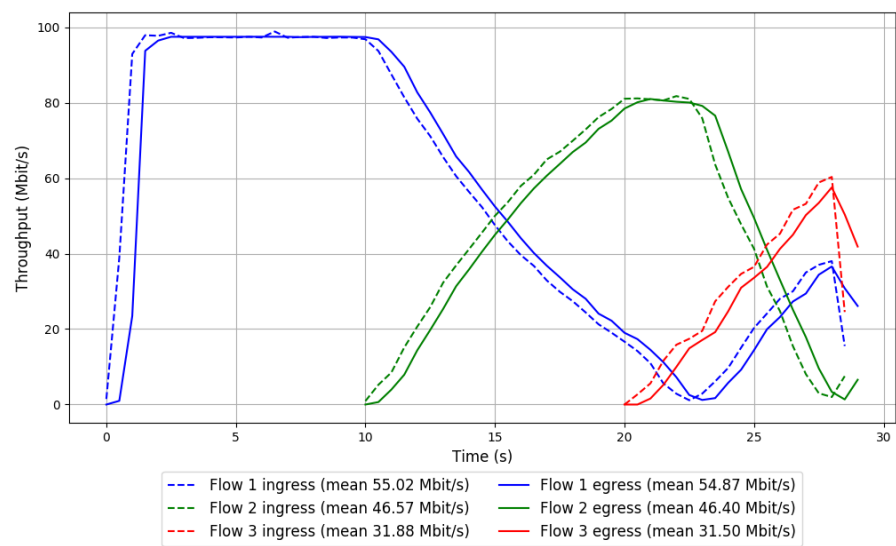


Run 4: Statistics of Indigo-MusesD

Start at: 2019-10-03 00:33:14
End at: 2019-10-03 00:33:44
Local clock offset: 4.773 ms
Remote clock offset: 48.514 ms

Below is generated by plot.py at 2019-10-03 01:17:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 102.505 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 54.87 Mbit/s
95th percentile per-packet one-way delay: 90.565 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 46.40 Mbit/s
95th percentile per-packet one-way delay: 100.123 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 117.141 ms
Loss rate: 0.97%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-10-03 01:03:32

End at: 2019-10-03 01:04:02

Local clock offset: 9.541 ms

Remote clock offset: 30.7 ms

Below is generated by plot.py at 2019-10-03 01:17:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 122.377 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 57.70 Mbit/s

95th percentile per-packet one-way delay: 123.763 ms

Loss rate: 0.29%

-- Flow 2:

Average throughput: 43.85 Mbit/s

95th percentile per-packet one-way delay: 102.833 ms

Loss rate: 0.21%

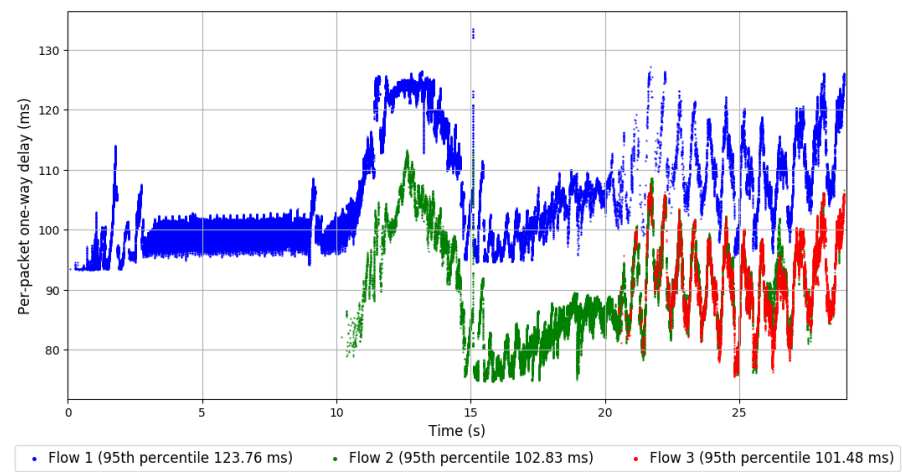
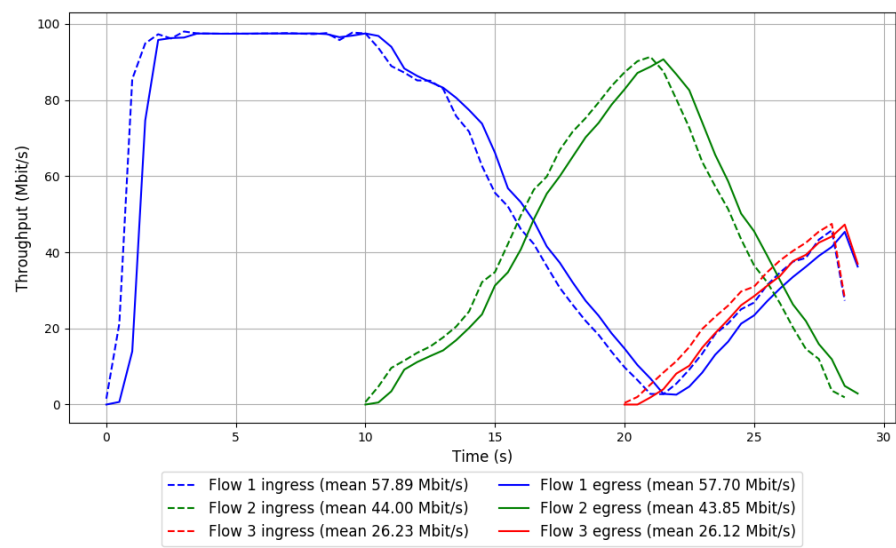
-- Flow 3:

Average throughput: 26.12 Mbit/s

95th percentile per-packet one-way delay: 101.482 ms

Loss rate: 0.19%

Run 5: Report of Indigo-MusesD — Data Link

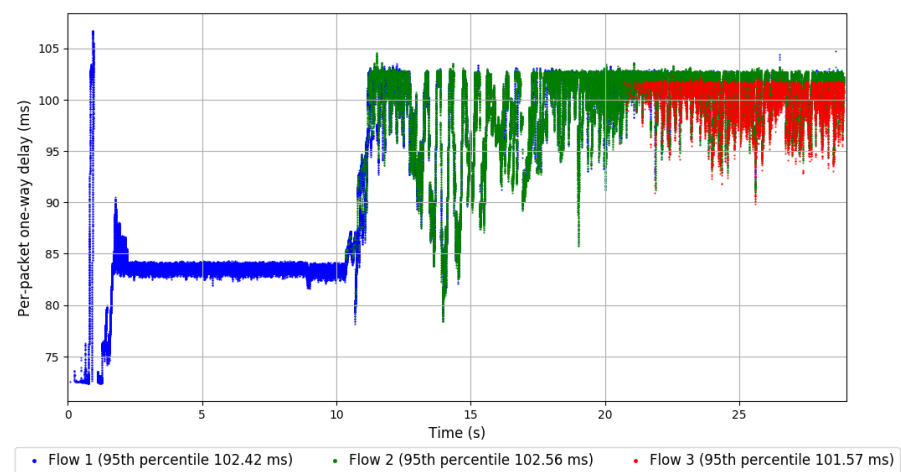
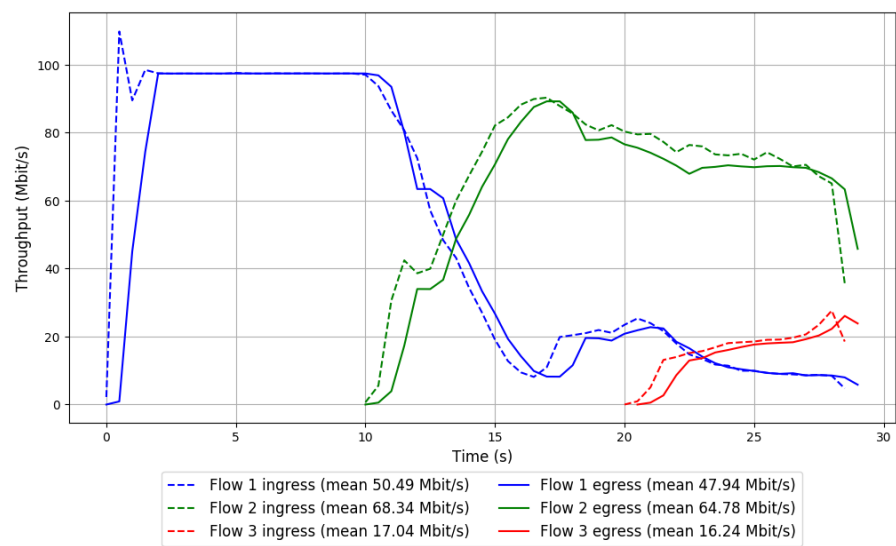


Run 1: Statistics of Indigo-MusesT

Start at: 2019-10-02 22:58:27
End at: 2019-10-02 22:58:57
Local clock offset: -6.75 ms
Remote clock offset: 38.624 ms

Below is generated by plot.py at 2019-10-03 01:17:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.71 Mbit/s
95th percentile per-packet one-way delay: 102.516 ms
Loss rate: 5.01%
-- Flow 1:
Average throughput: 47.94 Mbit/s
95th percentile per-packet one-way delay: 102.420 ms
Loss rate: 4.94%
-- Flow 2:
Average throughput: 64.78 Mbit/s
95th percentile per-packet one-way delay: 102.563 ms
Loss rate: 5.12%
-- Flow 3:
Average throughput: 16.24 Mbit/s
95th percentile per-packet one-way delay: 101.567 ms
Loss rate: 4.64%

Run 1: Report of Indigo-MusesT — Data Link

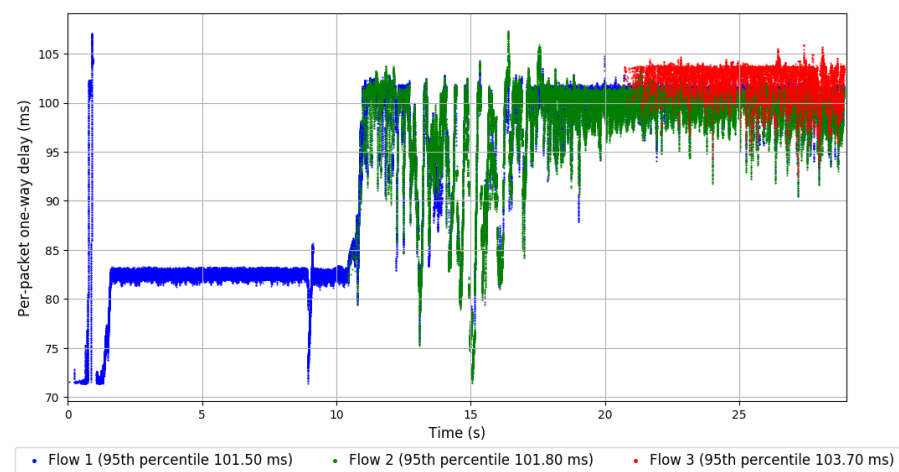
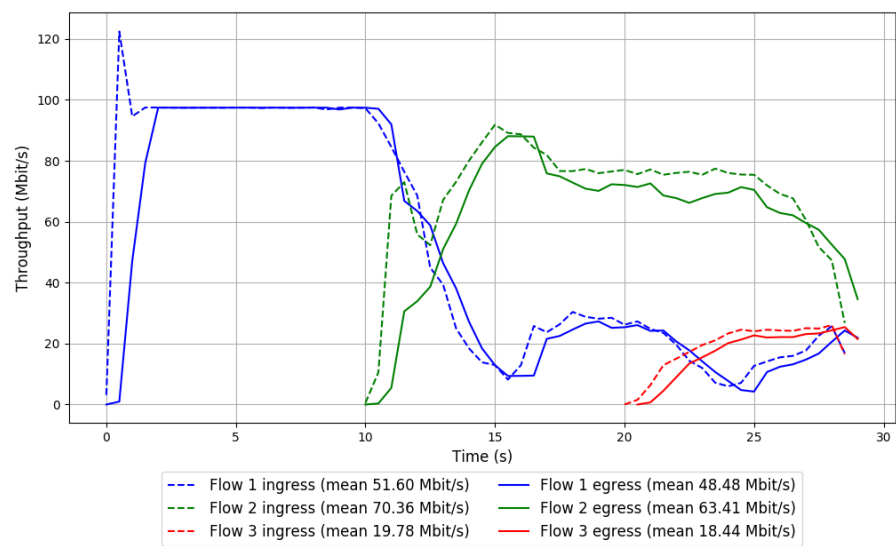


Run 2: Statistics of Indigo-MusesT

Start at: 2019-10-02 23:28:49
End at: 2019-10-02 23:29:19
Local clock offset: -6.924 ms
Remote clock offset: 42.016 ms

Below is generated by plot.py at 2019-10-03 01:17:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 102.116 ms
Loss rate: 7.69%
-- Flow 1:
Average throughput: 48.48 Mbit/s
95th percentile per-packet one-way delay: 101.500 ms
Loss rate: 5.95%
-- Flow 2:
Average throughput: 63.41 Mbit/s
95th percentile per-packet one-way delay: 101.801 ms
Loss rate: 9.78%
-- Flow 3:
Average throughput: 18.44 Mbit/s
95th percentile per-packet one-way delay: 103.697 ms
Loss rate: 6.73%

Run 2: Report of Indigo-MusesT — Data Link

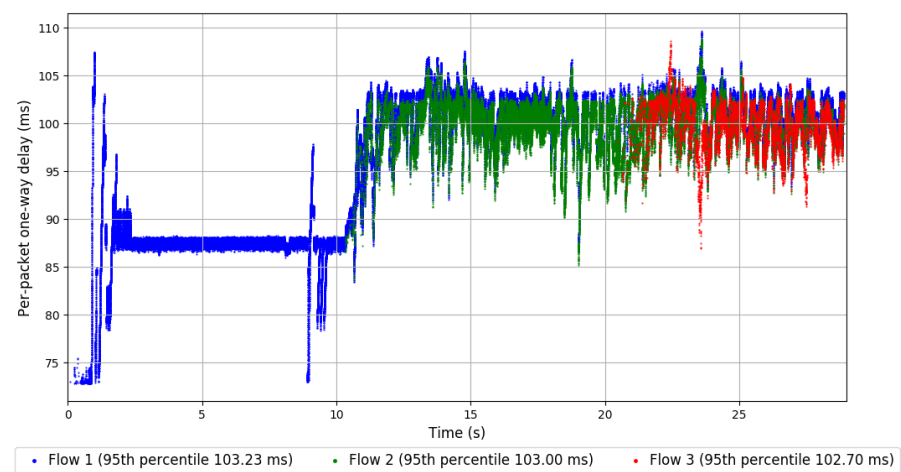
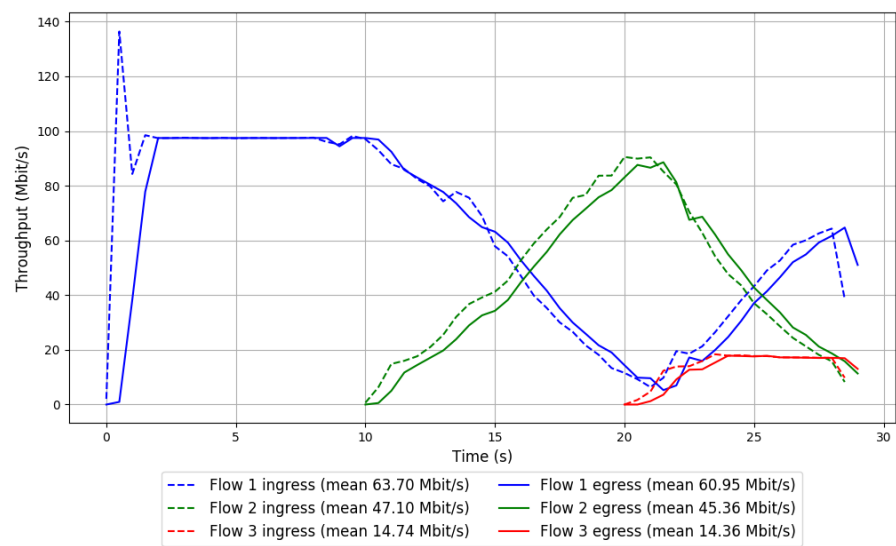


Run 3: Statistics of Indigo-MusesT

Start at: 2019-10-02 23:59:09
End at: 2019-10-02 23:59:39
Local clock offset: -1.448 ms
Remote clock offset: 45.425 ms

Below is generated by plot.py at 2019-10-03 01:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.61 Mbit/s
95th percentile per-packet one-way delay: 103.170 ms
Loss rate: 3.96%
-- Flow 1:
Average throughput: 60.95 Mbit/s
95th percentile per-packet one-way delay: 103.235 ms
Loss rate: 4.20%
-- Flow 2:
Average throughput: 45.36 Mbit/s
95th percentile per-packet one-way delay: 102.997 ms
Loss rate: 3.64%
-- Flow 3:
Average throughput: 14.36 Mbit/s
95th percentile per-packet one-way delay: 102.704 ms
Loss rate: 2.55%

Run 3: Report of Indigo-MusesT — Data Link

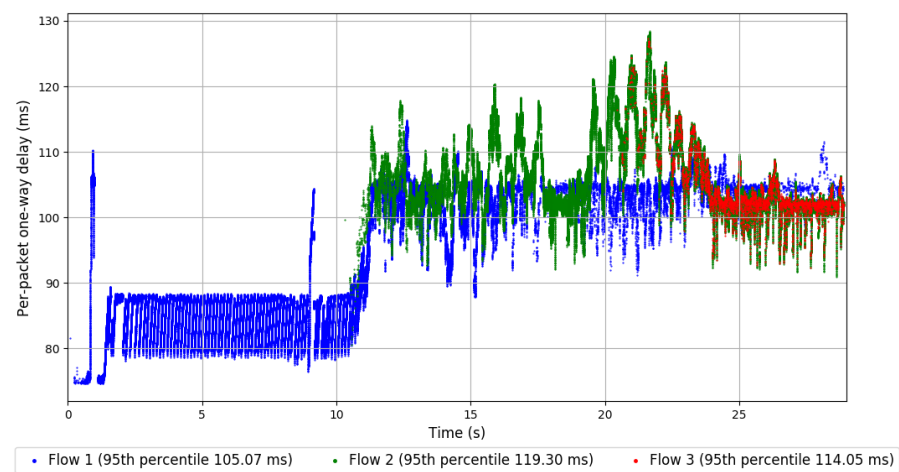
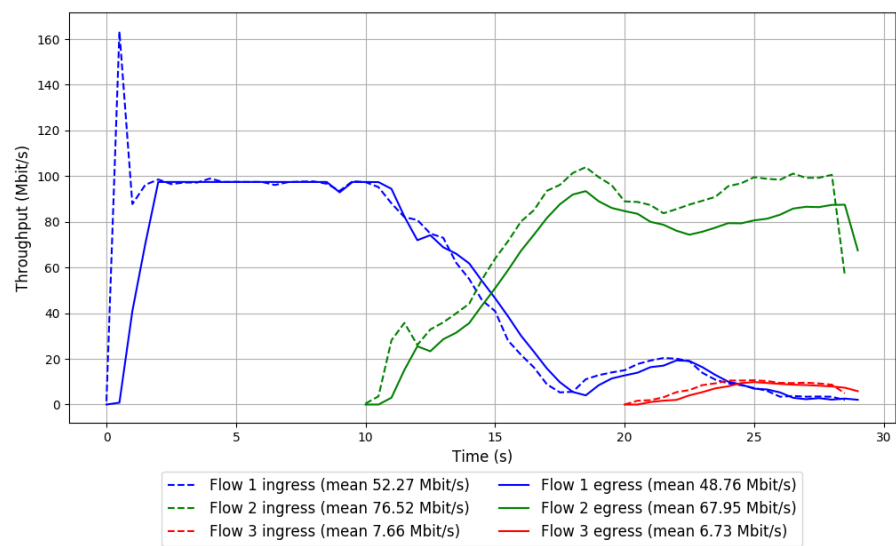


Run 4: Statistics of Indigo-MusesT

Start at: 2019-10-03 00:29:28
End at: 2019-10-03 00:29:58
Local clock offset: 5.931 ms
Remote clock offset: 49.891 ms

Below is generated by plot.py at 2019-10-03 01:17:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.52 Mbit/s
95th percentile per-packet one-way delay: 115.495 ms
Loss rate: 8.93%
-- Flow 1:
Average throughput: 48.76 Mbit/s
95th percentile per-packet one-way delay: 105.074 ms
Loss rate: 6.66%
-- Flow 2:
Average throughput: 67.95 Mbit/s
95th percentile per-packet one-way delay: 119.296 ms
Loss rate: 11.19%
-- Flow 3:
Average throughput: 6.73 Mbit/s
95th percentile per-packet one-way delay: 114.050 ms
Loss rate: 12.25%

Run 4: Report of Indigo-MusesT — Data Link

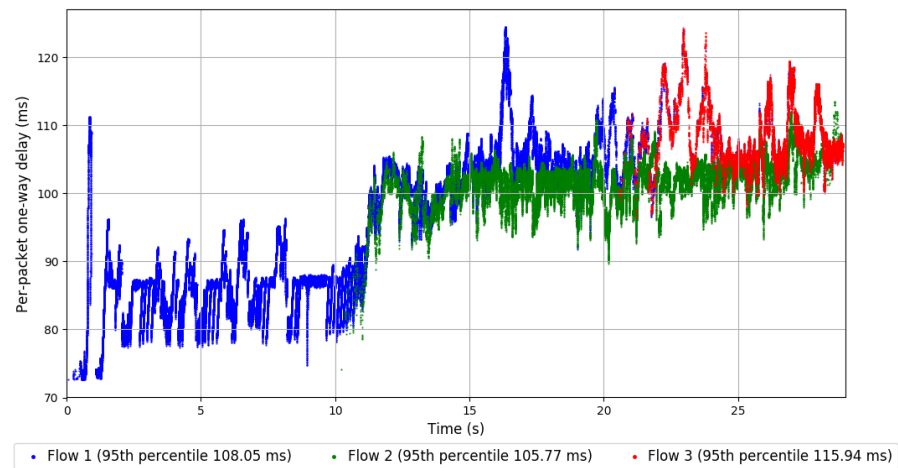
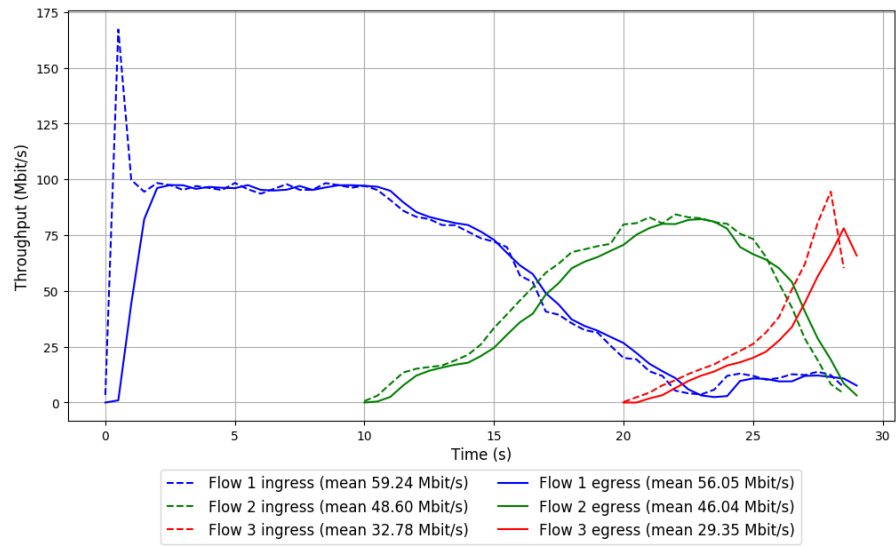


Run 5: Statistics of Indigo-MusesT

Start at: 2019-10-03 00:59:47
End at: 2019-10-03 01:00:17
Local clock offset: 7.652 ms
Remote clock offset: 51.456 ms

Below is generated by plot.py at 2019-10-03 01:18:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 109.358 ms
Loss rate: 5.73%
-- Flow 1:
Average throughput: 56.05 Mbit/s
95th percentile per-packet one-way delay: 108.045 ms
Loss rate: 5.28%
-- Flow 2:
Average throughput: 46.04 Mbit/s
95th percentile per-packet one-way delay: 105.773 ms
Loss rate: 5.11%
-- Flow 3:
Average throughput: 29.35 Mbit/s
95th percentile per-packet one-way delay: 115.938 ms
Loss rate: 10.56%

Run 5: Report of Indigo-MusesT — Data Link

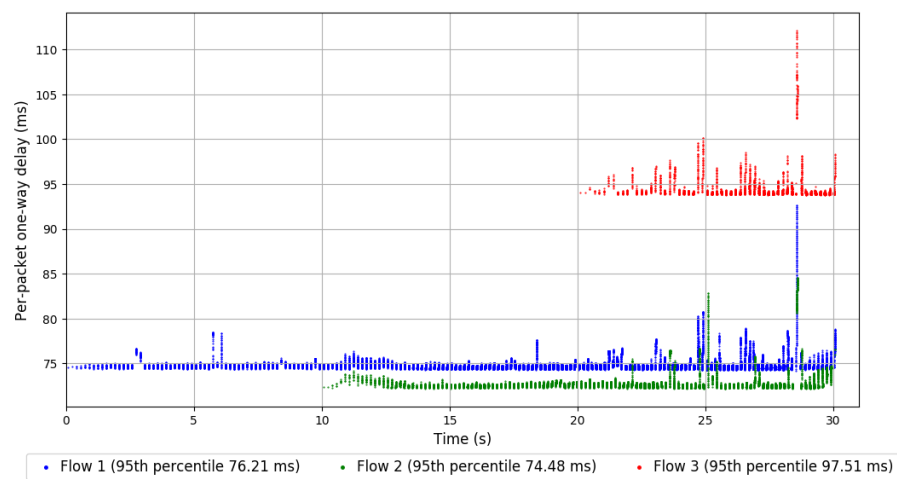
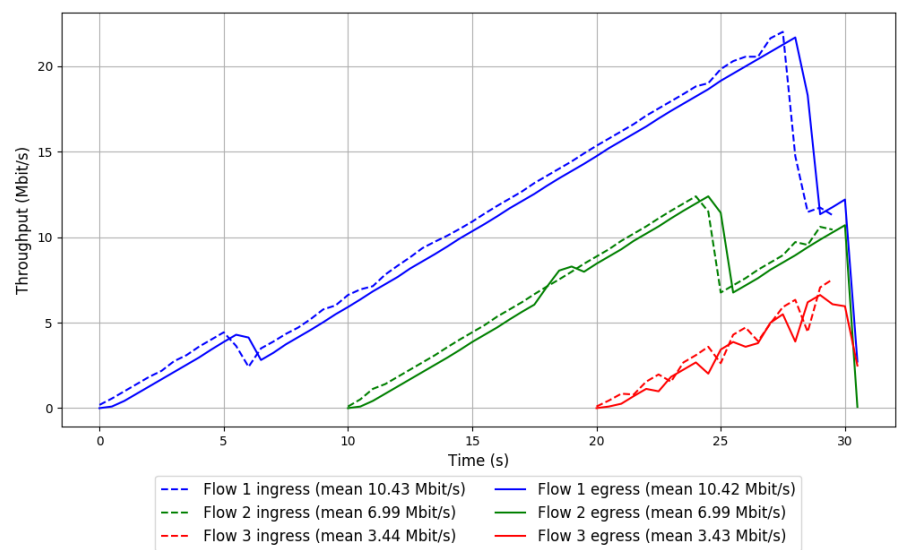


```
Run 1: Statistics of LEDBAT

Start at: 2019-10-02 22:47:05
End at: 2019-10-02 22:47:35
Local clock offset: -6.625 ms
Remote clock offset: 38.841 ms

# Below is generated by plot.py at 2019-10-03 01:18:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.22 Mbit/s
95th percentile per-packet one-way delay: 93.943 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 10.42 Mbit/s
95th percentile per-packet one-way delay: 76.208 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 6.99 Mbit/s
95th percentile per-packet one-way delay: 74.485 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 97.506 ms
Loss rate: 0.10%
```

Run 1: Report of LEDBAT — Data Link

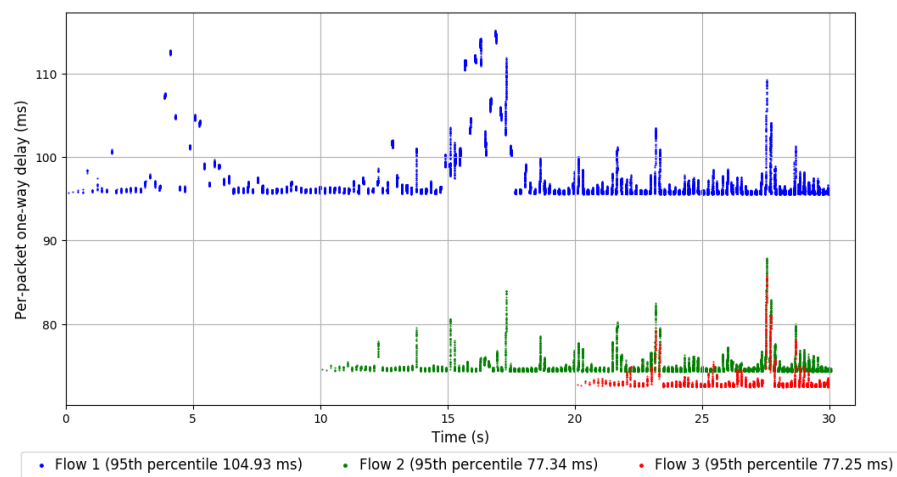
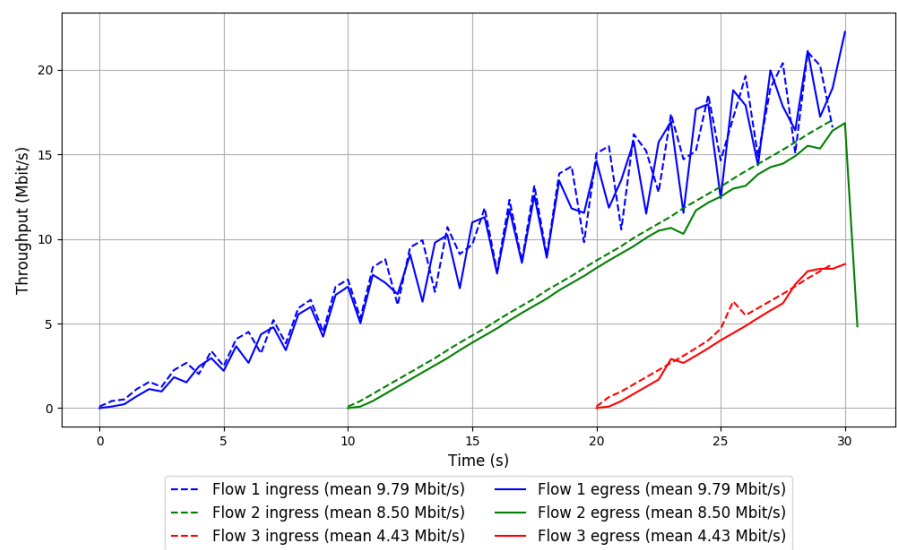


Run 2: Statistics of LEDBAT

Start at: 2019-10-02 23:17:30
End at: 2019-10-02 23:18:00
Local clock offset: -7.198 ms
Remote clock offset: 42.456 ms

Below is generated by plot.py at 2019-10-03 01:18:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.89 Mbit/s
95th percentile per-packet one-way delay: 101.296 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.79 Mbit/s
95th percentile per-packet one-way delay: 104.931 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 77.342 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 77.245 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

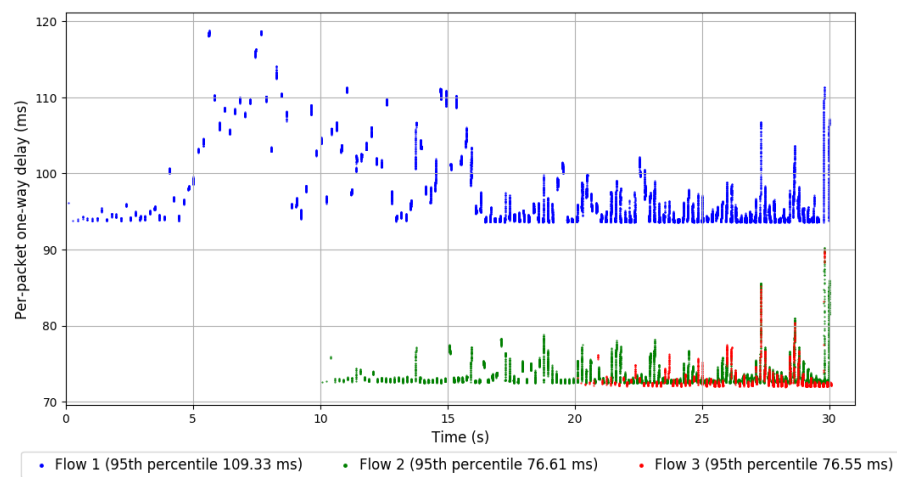
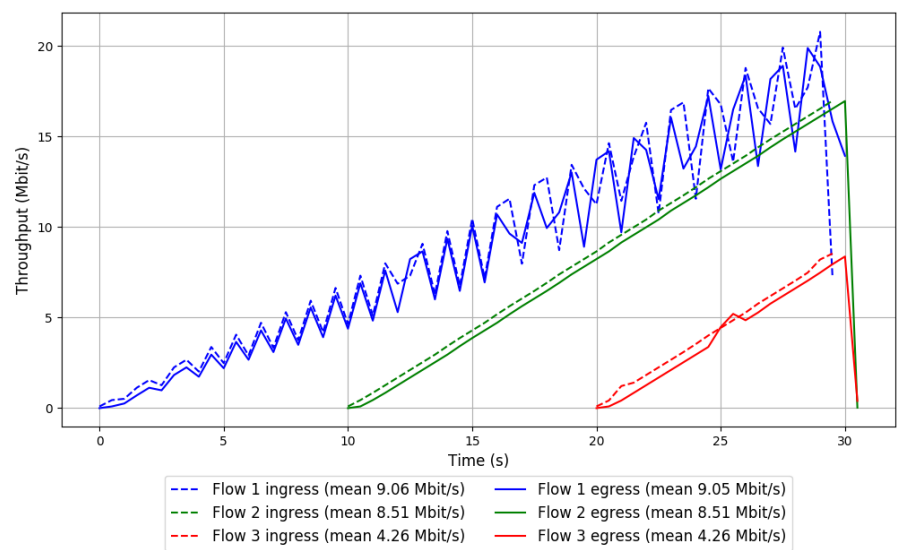


Run 3: Statistics of LEDBAT

Start at: 2019-10-02 23:47:51
End at: 2019-10-02 23:48:21
Local clock offset: -6.179 ms
Remote clock offset: 43.97 ms

Below is generated by plot.py at 2019-10-03 01:18:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.10 Mbit/s
95th percentile per-packet one-way delay: 105.804 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.05 Mbit/s
95th percentile per-packet one-way delay: 109.329 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 76.606 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 76.550 ms
Loss rate: 0.03%

Run 3: Report of LEDBAT — Data Link

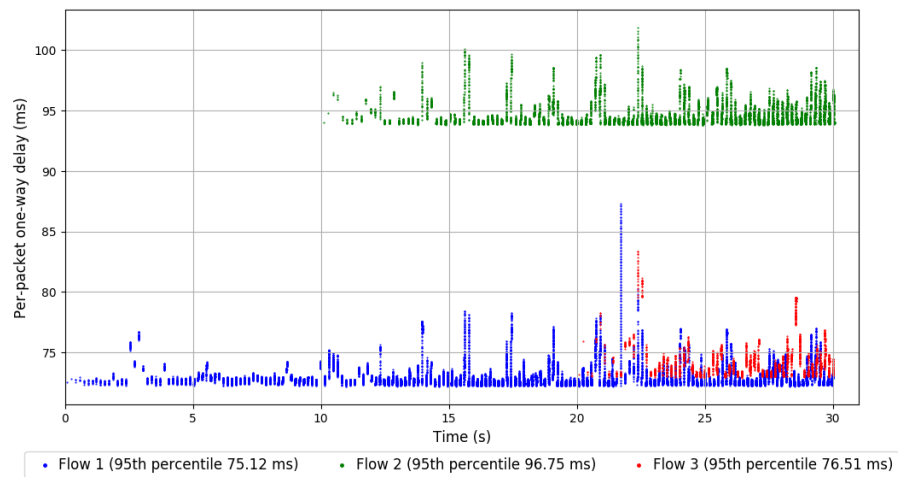
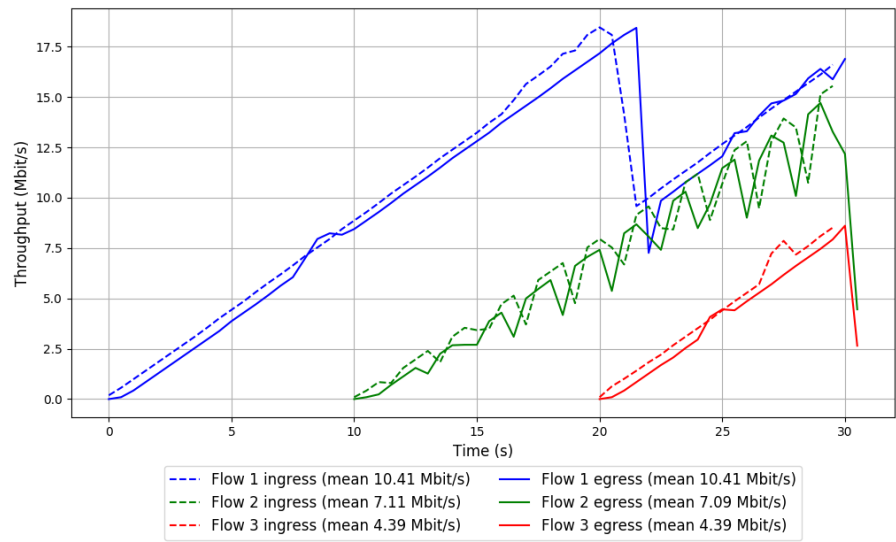


Run 4: Statistics of LEDBAT

Start at: 2019-10-03 00:18:09
End at: 2019-10-03 00:18:39
Local clock offset: 6.804 ms
Remote clock offset: 48.755 ms

Below is generated by plot.py at 2019-10-03 01:18:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.56 Mbit/s
95th percentile per-packet one-way delay: 95.396 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 10.41 Mbit/s
95th percentile per-packet one-way delay: 75.124 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 7.09 Mbit/s
95th percentile per-packet one-way delay: 96.755 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 76.509 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-10-03 00:48:29

End at: 2019-10-03 00:48:59

Local clock offset: 3.828 ms

Remote clock offset: 52.08 ms

Below is generated by plot.py at 2019-10-03 01:18:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 16.68 Mbit/s

95th percentile per-packet one-way delay: 78.300 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 9.52 Mbit/s

95th percentile per-packet one-way delay: 77.264 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 8.79 Mbit/s

95th percentile per-packet one-way delay: 78.992 ms

Loss rate: 0.00%

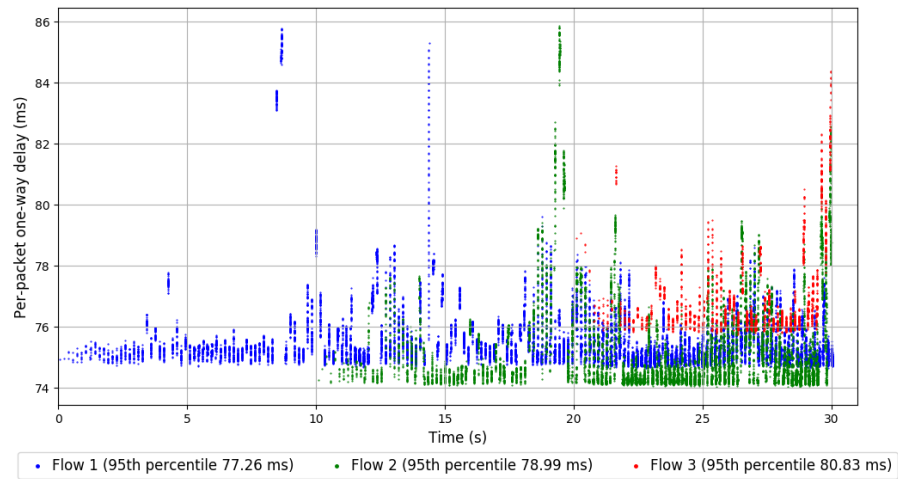
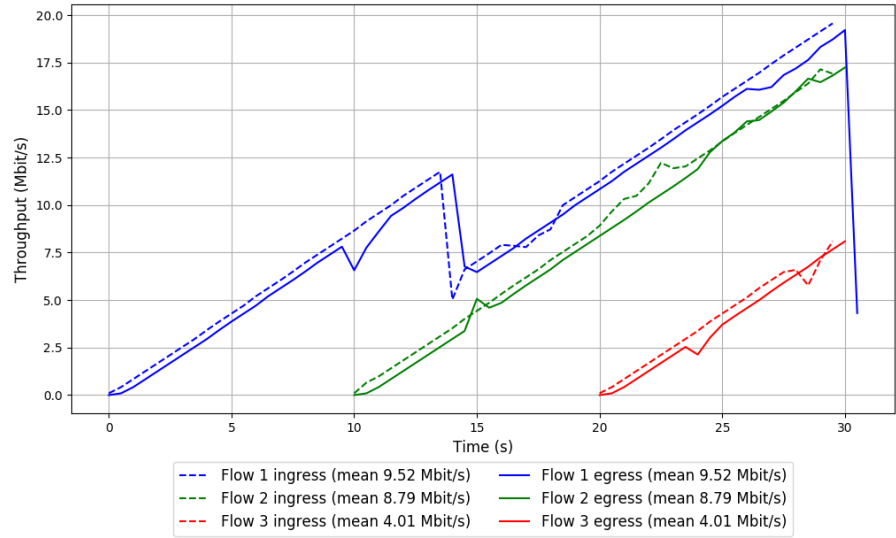
-- Flow 3:

Average throughput: 4.01 Mbit/s

95th percentile per-packet one-way delay: 80.834 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

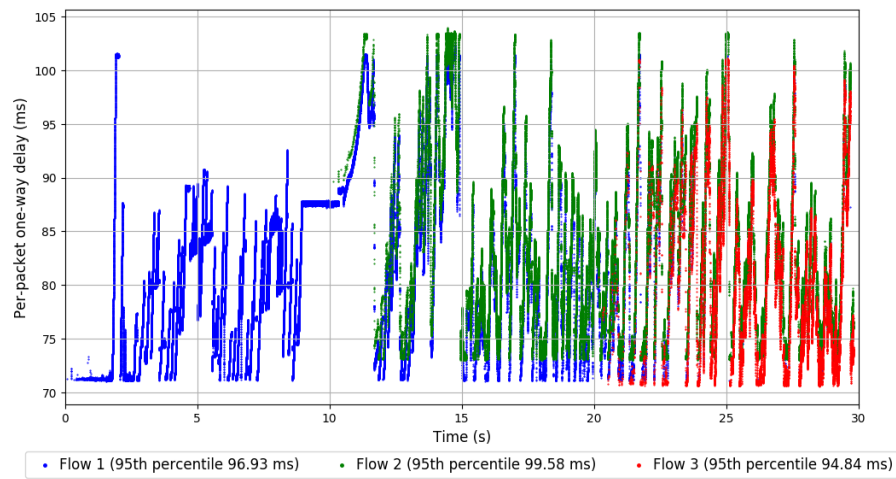
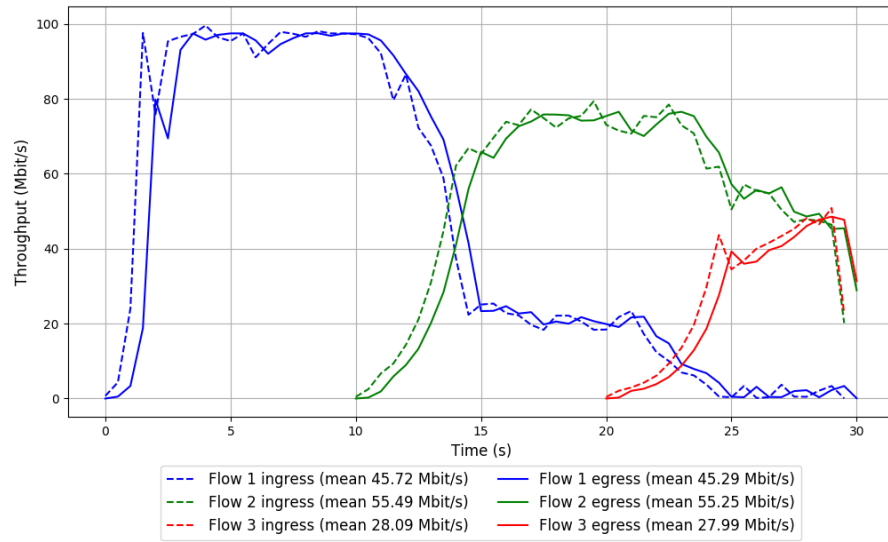


```
Run 1: Statistics of Muses\_DecisionTree

Start at: 2019-10-02 22:39:23
End at: 2019-10-02 22:39:53
Local clock offset: -6.784 ms
Remote clock offset: 36.341 ms

# Below is generated by plot.py at 2019-10-03 01:18:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.76 Mbit/s
95th percentile per-packet one-way delay: 97.824 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 45.29 Mbit/s
95th percentile per-packet one-way delay: 96.934 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 55.25 Mbit/s
95th percentile per-packet one-way delay: 99.580 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 27.99 Mbit/s
95th percentile per-packet one-way delay: 94.841 ms
Loss rate: 0.45%
```

Run 1: Report of Muses_DecisionTree — Data Link

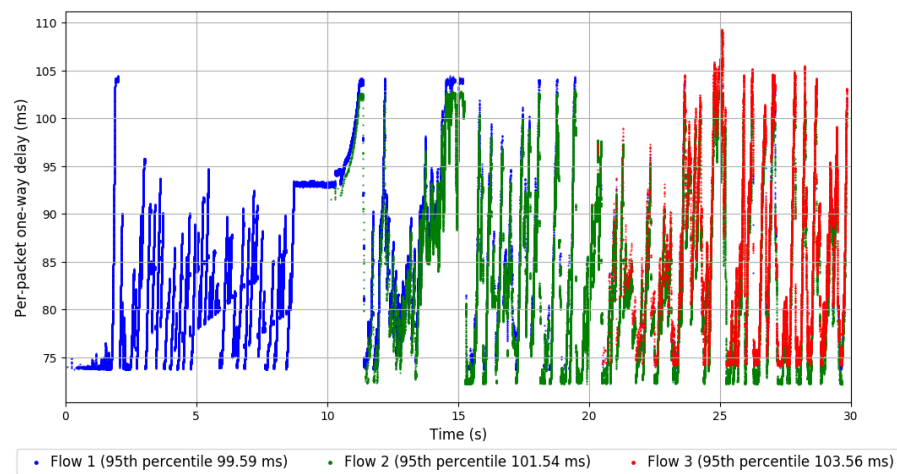
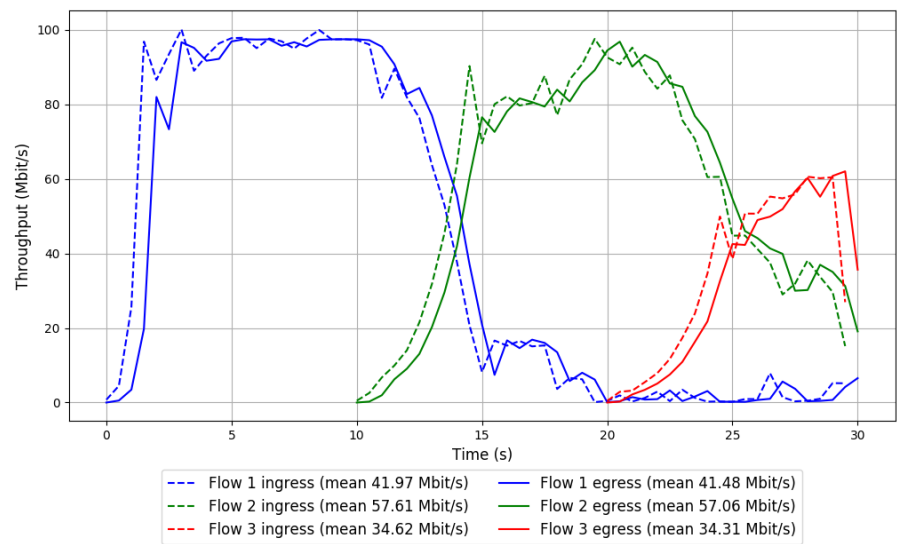


Run 2: Statistics of Muses_DecisionTree

Start at: 2019-10-02 23:09:49
End at: 2019-10-02 23:10:19
Local clock offset: -6.974 ms
Remote clock offset: 41.276 ms

Below is generated by plot.py at 2019-10-03 01:18:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.46 Mbit/s
95th percentile per-packet one-way delay: 101.425 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 41.48 Mbit/s
95th percentile per-packet one-way delay: 99.588 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 57.06 Mbit/s
95th percentile per-packet one-way delay: 101.537 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 34.31 Mbit/s
95th percentile per-packet one-way delay: 103.562 ms
Loss rate: 0.77%

Run 2: Report of Muses_DecisionTree — Data Link



Run 3: Statistics of Muses_DecisionTree

Start at: 2019-10-02 23:40:10

End at: 2019-10-02 23:40:40

Local clock offset: -6.268 ms

Remote clock offset: 43.4 ms

Below is generated by plot.py at 2019-10-03 01:18:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.06 Mbit/s

95th percentile per-packet one-way delay: 96.788 ms

Loss rate: 0.66%

-- Flow 1:

Average throughput: 52.08 Mbit/s

95th percentile per-packet one-way delay: 96.750 ms

Loss rate: 0.83%

-- Flow 2:

Average throughput: 48.26 Mbit/s

95th percentile per-packet one-way delay: 96.726 ms

Loss rate: 0.43%

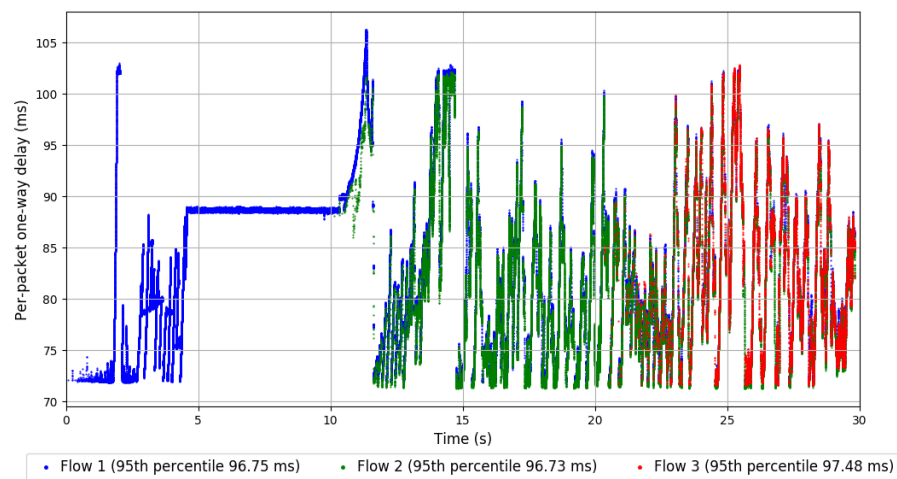
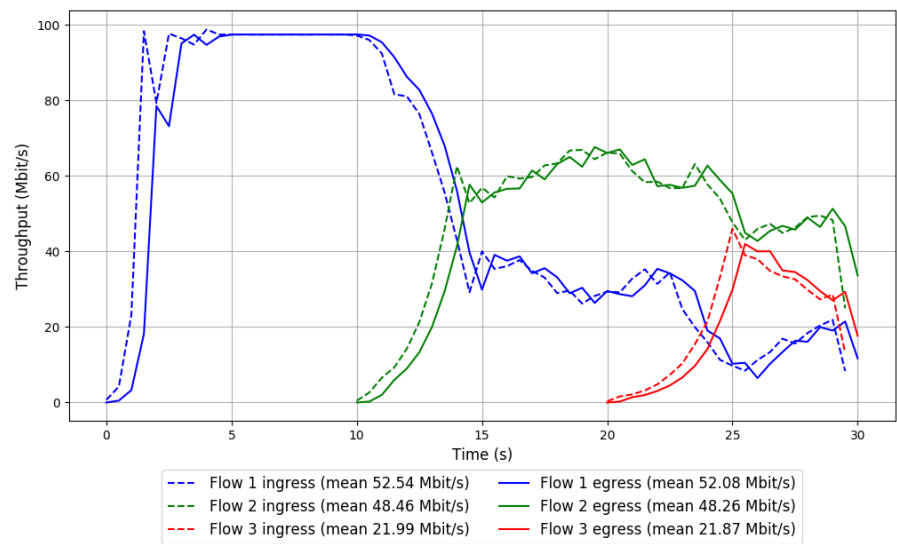
-- Flow 3:

Average throughput: 21.87 Mbit/s

95th percentile per-packet one-way delay: 97.477 ms

Loss rate: 0.47%

Run 3: Report of Muses_DecisionTree — Data Link

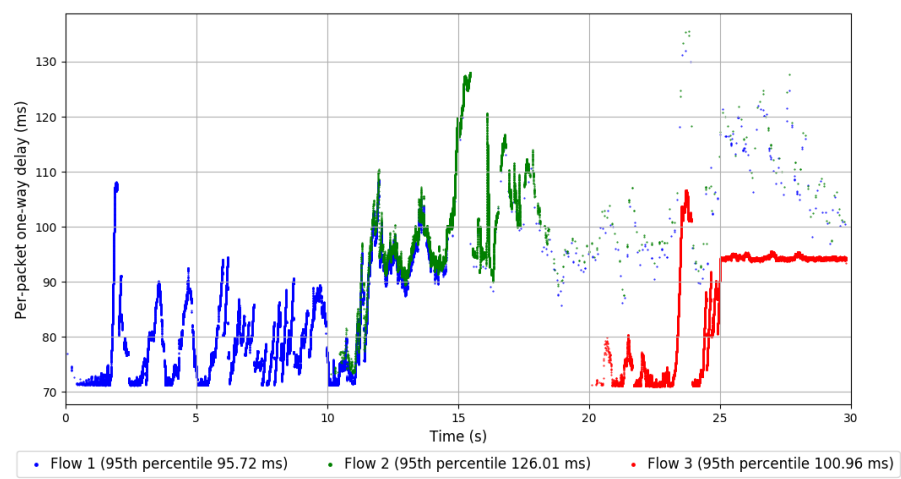
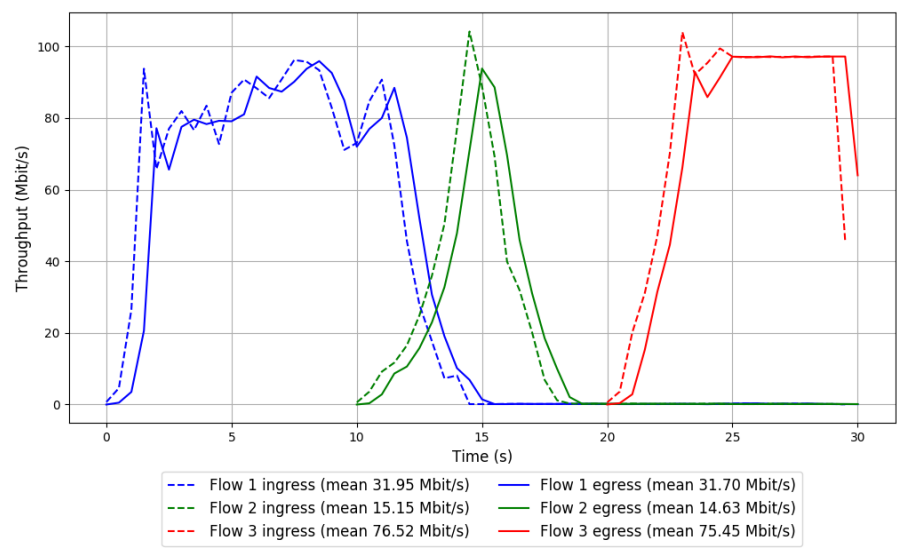


Run 4: Statistics of Muses_DecisionTree

Start at: 2019-10-03 00:10:29
End at: 2019-10-03 00:10:59
Local clock offset: 4.735 ms
Remote clock offset: 46.506 ms

Below is generated by plot.py at 2019-10-03 01:18:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.98 Mbit/s
95th percentile per-packet one-way delay: 106.273 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 95.723 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 14.63 Mbit/s
95th percentile per-packet one-way delay: 126.009 ms
Loss rate: 3.36%
-- Flow 3:
Average throughput: 75.45 Mbit/s
95th percentile per-packet one-way delay: 100.960 ms
Loss rate: 1.17%

Run 4: Report of Muses_DecisionTree — Data Link

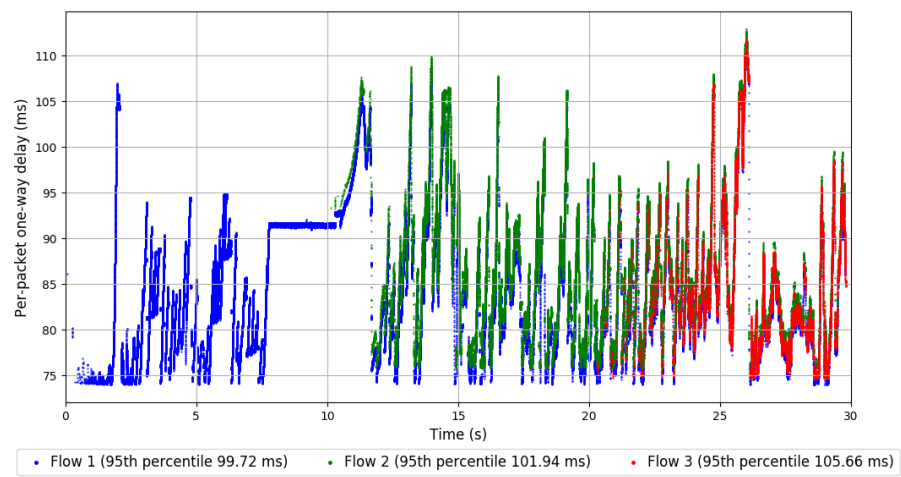
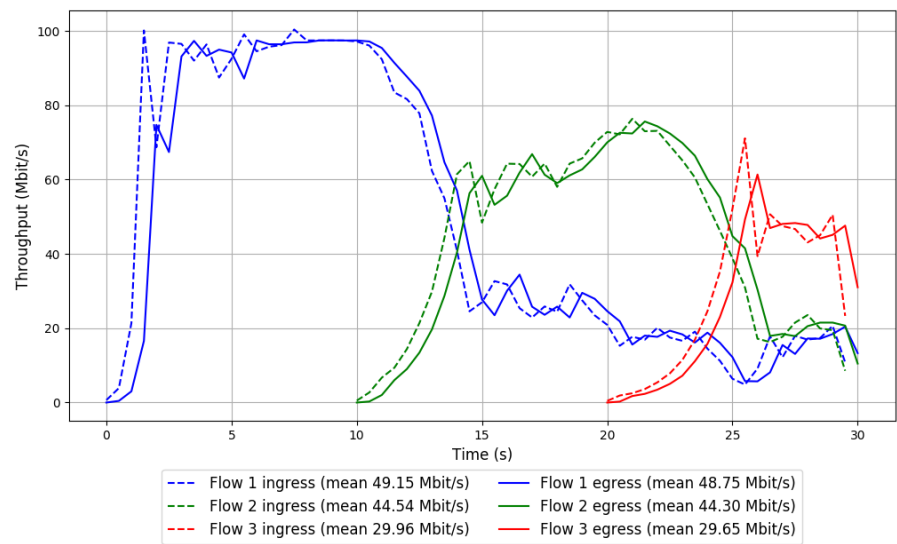


Run 5: Statistics of Muses_DecisionTree

Start at: 2019-10-03 00:40:48
End at: 2019-10-03 00:41:18
Local clock offset: 3.866 ms
Remote clock offset: 51.285 ms

Below is generated by plot.py at 2019-10-03 01:18:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.61 Mbit/s
95th percentile per-packet one-way delay: 101.023 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 48.75 Mbit/s
95th percentile per-packet one-way delay: 99.715 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 44.30 Mbit/s
95th percentile per-packet one-way delay: 101.941 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 29.65 Mbit/s
95th percentile per-packet one-way delay: 105.655 ms
Loss rate: 1.29%

Run 5: Report of Muses_DecisionTree — Data Link

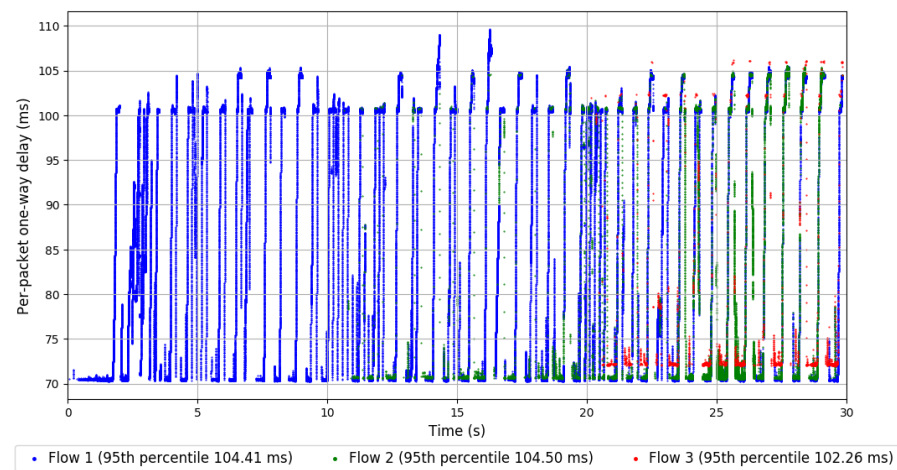
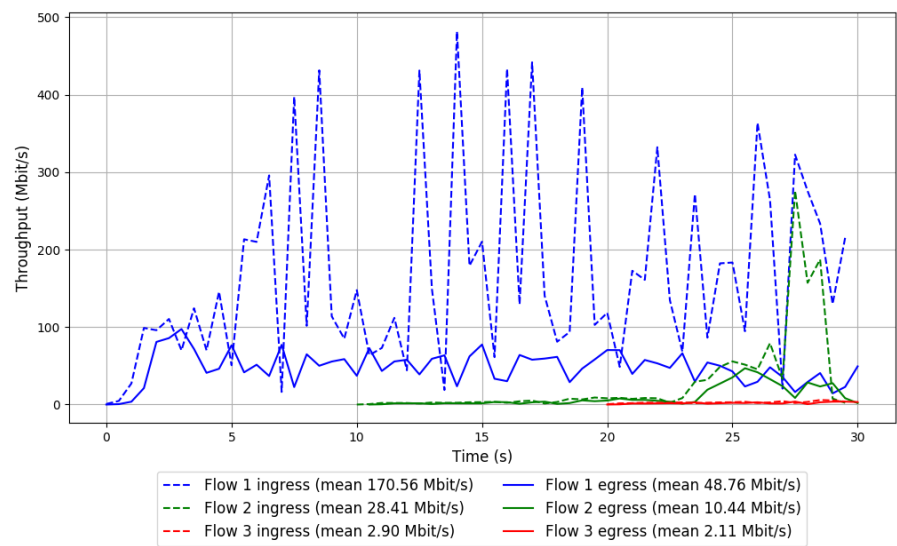


Run 1: Statistics of Muses_DecisionTreeH0

Start at: 2019-10-02 22:40:40
End at: 2019-10-02 22:41:10
Local clock offset: -6.712 ms
Remote clock offset: 36.155 ms

Below is generated by plot.py at 2019-10-03 01:19:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.18 Mbit/s
95th percentile per-packet one-way delay: 104.414 ms
Loss rate: 70.45%
-- Flow 1:
Average throughput: 48.76 Mbit/s
95th percentile per-packet one-way delay: 104.410 ms
Loss rate: 71.38%
-- Flow 2:
Average throughput: 10.44 Mbit/s
95th percentile per-packet one-way delay: 104.499 ms
Loss rate: 64.21%
-- Flow 3:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 102.256 ms
Loss rate: 27.06%

Run 1: Report of Muses_DecisionTreeH0 — Data Link

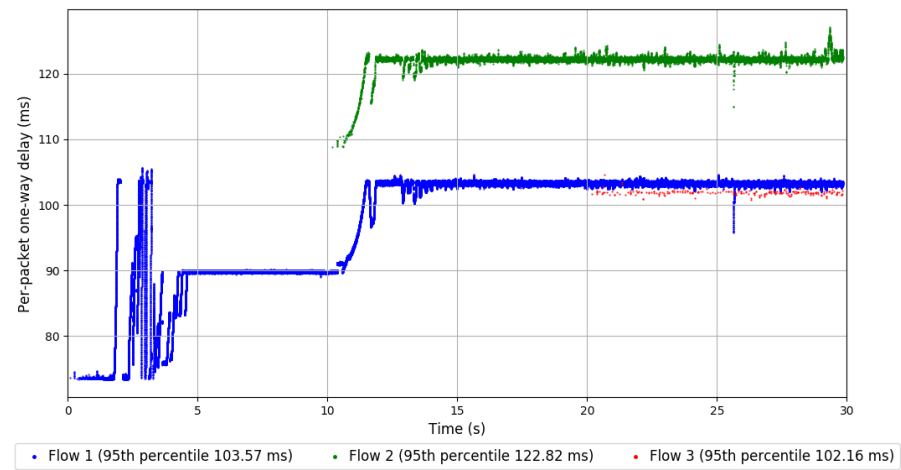
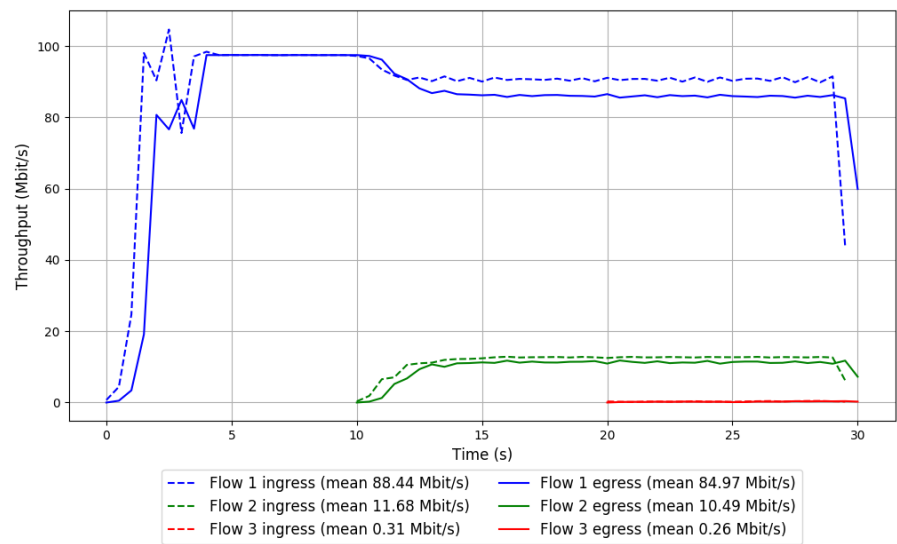


Run 2: Statistics of Muses_DecisionTreeH0

Start at: 2019-10-02 23:11:06
End at: 2019-10-02 23:11:36
Local clock offset: -7.058 ms
Remote clock offset: 39.955 ms

Below is generated by plot.py at 2019-10-03 01:19:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: 122.125 ms
Loss rate: 4.36%
-- Flow 1:
Average throughput: 84.97 Mbit/s
95th percentile per-packet one-way delay: 103.573 ms
Loss rate: 3.84%
-- Flow 2:
Average throughput: 10.49 Mbit/s
95th percentile per-packet one-way delay: 122.821 ms
Loss rate: 10.18%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 102.164 ms
Loss rate: 16.21%

Run 2: Report of Muses_DecisionTreeH0 — Data Link

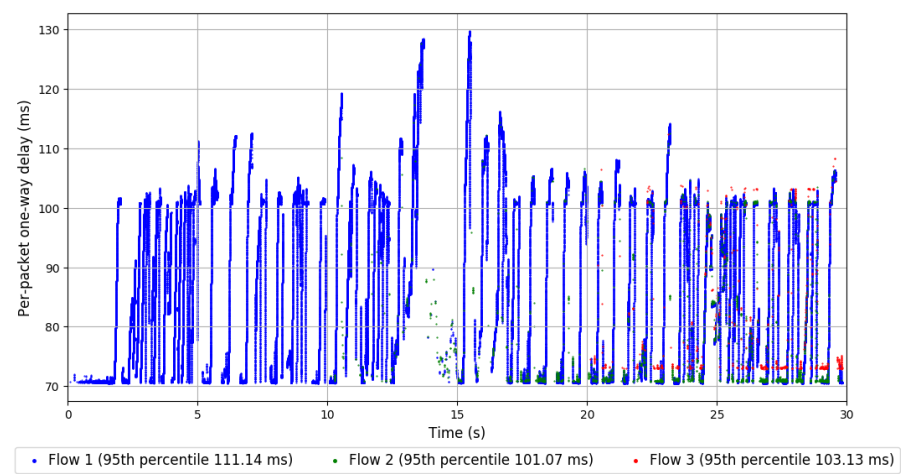
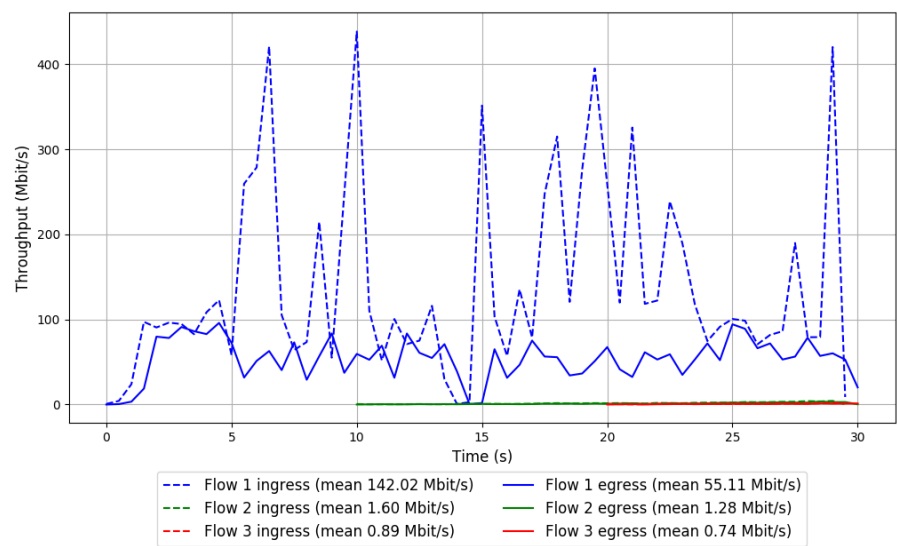


Run 3: Statistics of Muses_DecisionTreeH0

Start at: 2019-10-02 23:41:27
End at: 2019-10-02 23:41:57
Local clock offset: -6.239 ms
Remote clock offset: 43.437 ms

Below is generated by plot.py at 2019-10-03 01:19:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.19 Mbit/s
95th percentile per-packet one-way delay: 111.039 ms
Loss rate: 60.80%
-- Flow 1:
Average throughput: 55.11 Mbit/s
95th percentile per-packet one-way delay: 111.145 ms
Loss rate: 61.20%
-- Flow 2:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 101.074 ms
Loss rate: 19.74%
-- Flow 3:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 103.128 ms
Loss rate: 17.11%

Run 3: Report of Muses_DecisionTreeH0 — Data Link

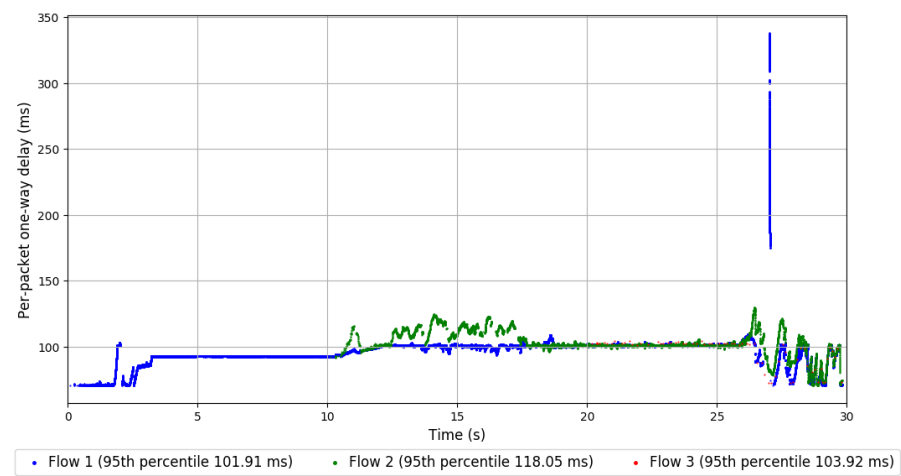
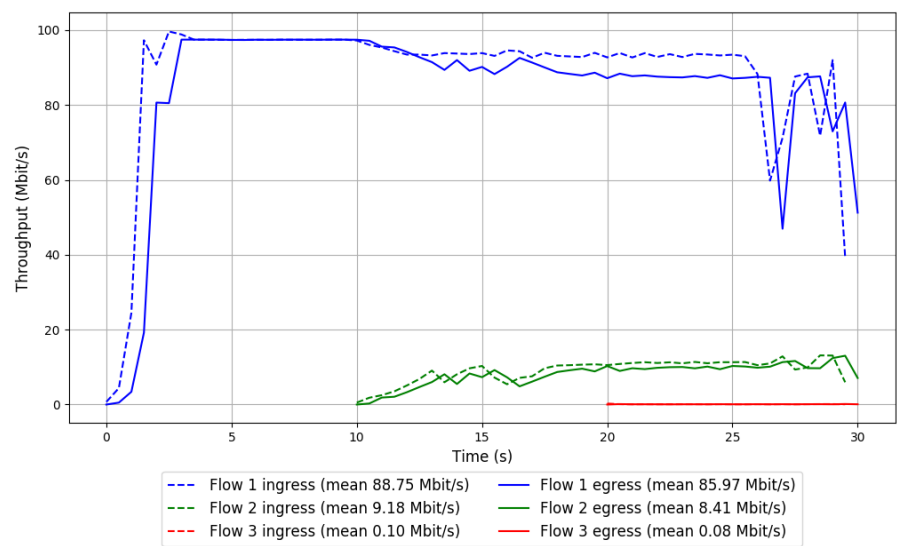


Run 4: Statistics of Muses_DecisionTreeH0

Start at: 2019-10-03 00:11:45
End at: 2019-10-03 00:12:15
Local clock offset: 5.137 ms
Remote clock offset: 46.601 ms

Below is generated by plot.py at 2019-10-03 01:19:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 103.111 ms
Loss rate: 3.48%
-- Flow 1:
Average throughput: 85.97 Mbit/s
95th percentile per-packet one-way delay: 101.912 ms
Loss rate: 3.13%
-- Flow 2:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 118.054 ms
Loss rate: 8.47%
-- Flow 3:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 103.922 ms
Loss rate: 14.81%

Run 4: Report of Muses_DecisionTreeH0 — Data Link

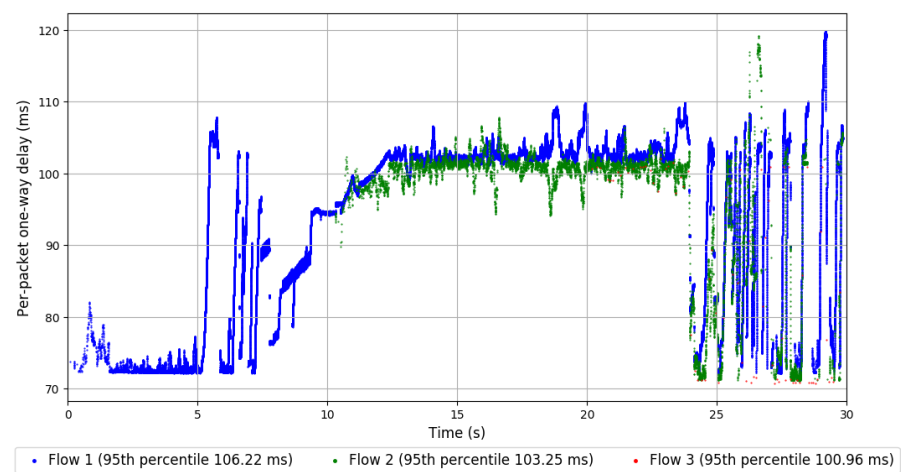
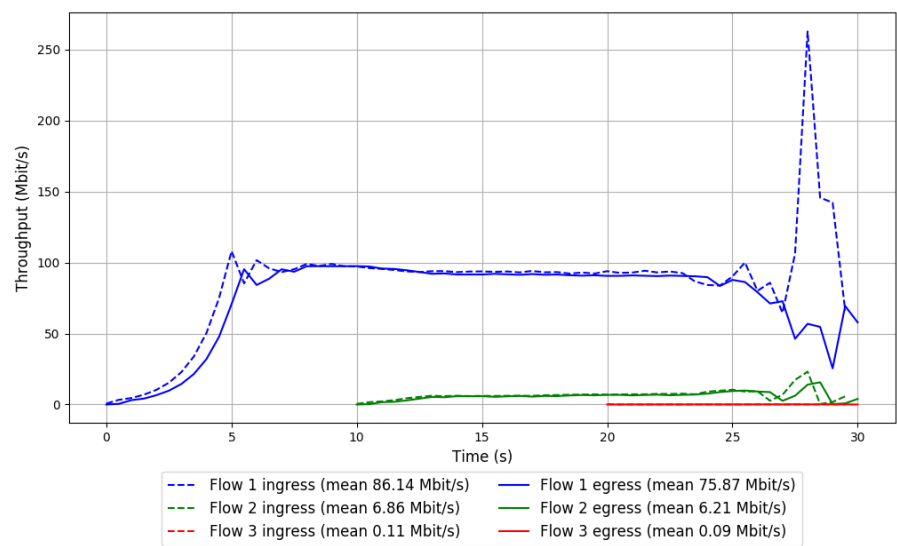


Run 5: Statistics of Muses_DecisionTreeH0

Start at: 2019-10-03 00:42:05
End at: 2019-10-03 00:42:35
Local clock offset: 3.873 ms
Remote clock offset: 49.597 ms

Below is generated by plot.py at 2019-10-03 01:19:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.02 Mbit/s
95th percentile per-packet one-way delay: 106.145 ms
Loss rate: 11.71%
-- Flow 1:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 106.224 ms
Loss rate: 11.83%
-- Flow 2:
Average throughput: 6.21 Mbit/s
95th percentile per-packet one-way delay: 103.246 ms
Loss rate: 9.43%
-- Flow 3:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 100.956 ms
Loss rate: 18.08%

Run 5: Report of Muses_DecisionTreeH0 — Data Link

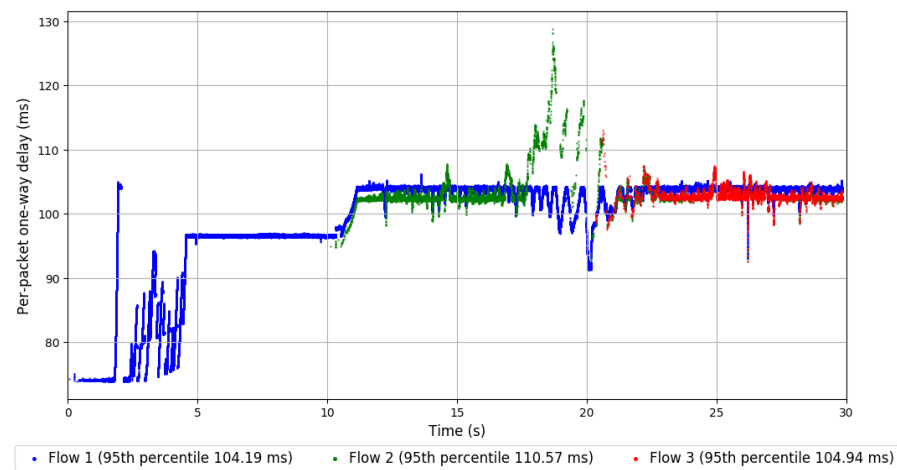
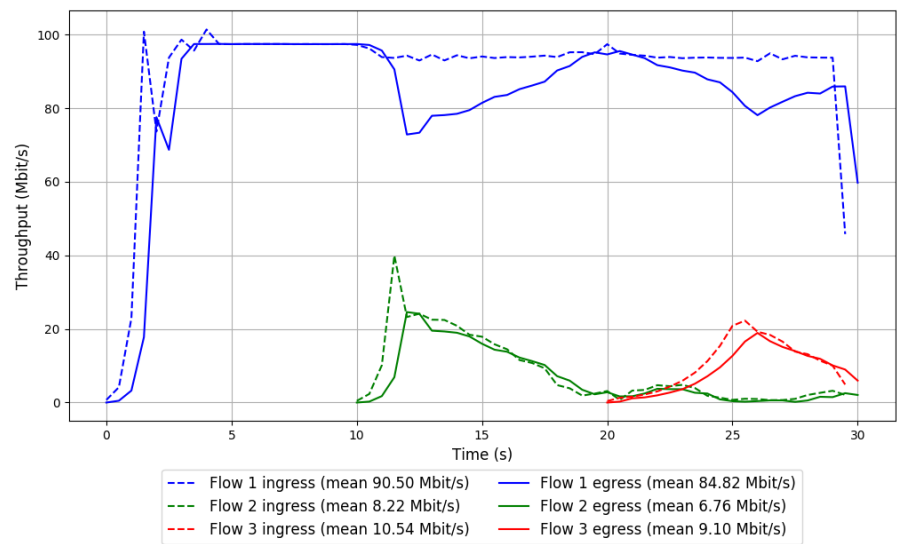


```
Run 1: Statistics of Muses\_DecisionTreeR0

Start at: 2019-10-02 23:04:43
End at: 2019-10-02 23:05:13
Local clock offset: -6.842 ms
Remote clock offset: 40.918 ms

# Below is generated by plot.py at 2019-10-03 01:19:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.26 Mbit/s
95th percentile per-packet one-way delay: 104.194 ms
Loss rate: 7.07%
-- Flow 1:
Average throughput: 84.82 Mbit/s
95th percentile per-packet one-way delay: 104.188 ms
Loss rate: 6.18%
-- Flow 2:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 110.566 ms
Loss rate: 17.79%
-- Flow 3:
Average throughput: 9.10 Mbit/s
95th percentile per-packet one-way delay: 104.944 ms
Loss rate: 13.56%
```

Run 1: Report of Muses_DecisionTreeR0 — Data Link

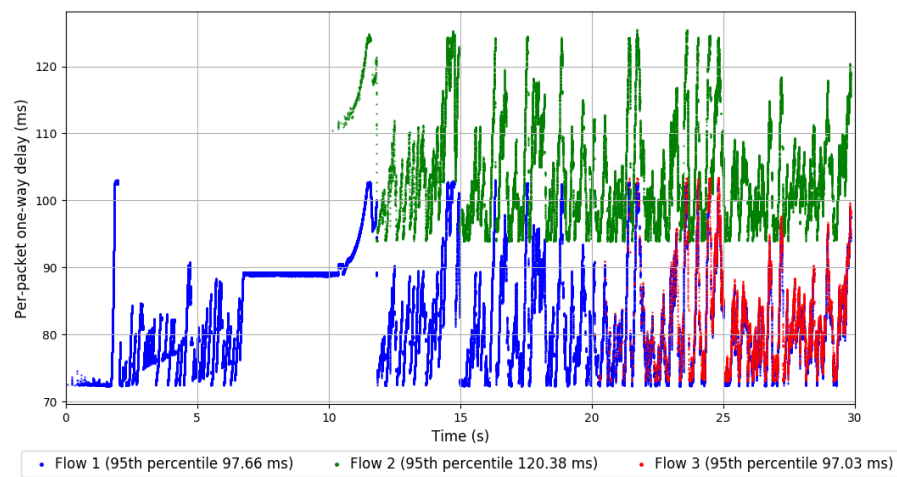
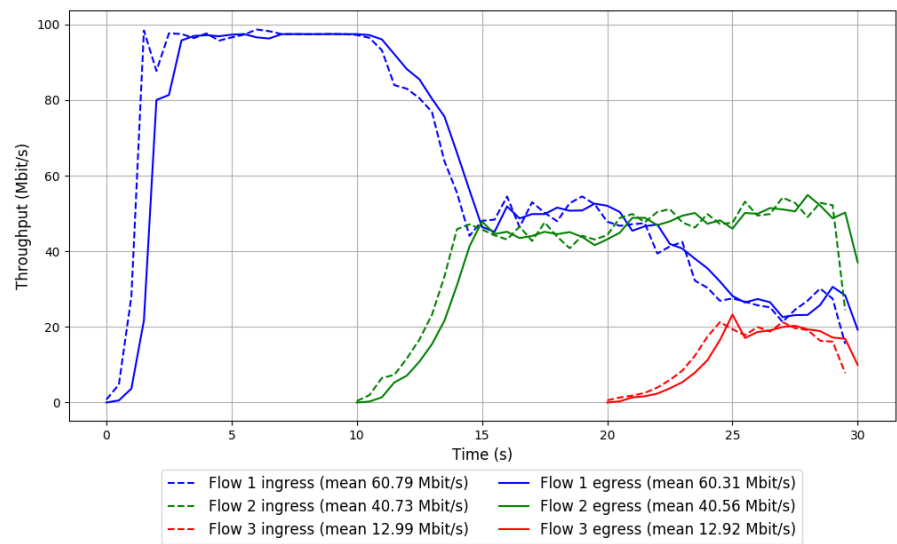


Run 2: Statistics of Muses_DecisionTreeR0

Start at: 2019-10-02 23:35:05
End at: 2019-10-02 23:35:35
Local clock offset: -6.42 ms
Remote clock offset: 44.508 ms

Below is generated by plot.py at 2019-10-03 01:19:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.36 Mbit/s
95th percentile per-packet one-way delay: 111.246 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 60.31 Mbit/s
95th percentile per-packet one-way delay: 97.656 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 120.376 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 12.92 Mbit/s
95th percentile per-packet one-way delay: 97.034 ms
Loss rate: 0.37%

Run 2: Report of Muses_DecisionTreeR0 — Data Link

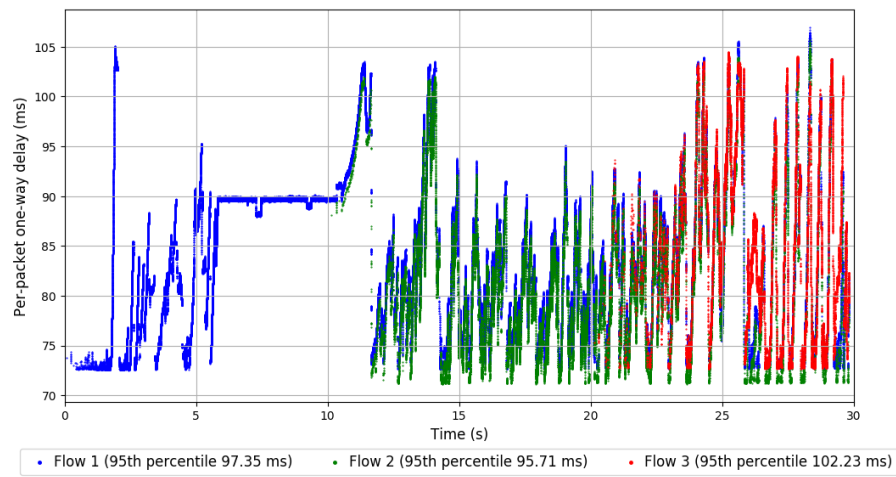
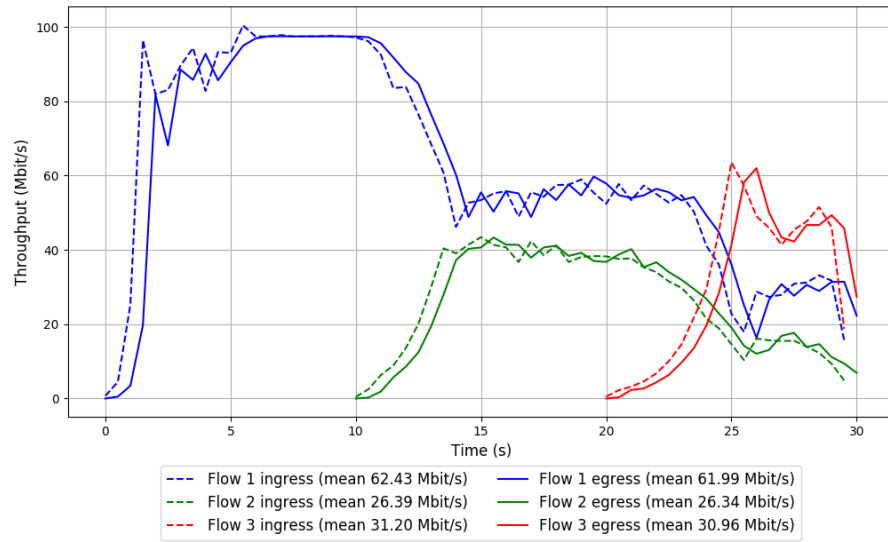


Run 3: Statistics of Muses_DecisionTreeR0

Start at: 2019-10-03 00:05:25
End at: 2019-10-03 00:05:55
Local clock offset: 2.651 ms
Remote clock offset: 46.008 ms

Below is generated by plot.py at 2019-10-03 01:19:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.51 Mbit/s
95th percentile per-packet one-way delay: 98.163 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 61.99 Mbit/s
95th percentile per-packet one-way delay: 97.349 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 26.34 Mbit/s
95th percentile per-packet one-way delay: 95.707 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.96 Mbit/s
95th percentile per-packet one-way delay: 102.230 ms
Loss rate: 0.70%

Run 3: Report of Muses_DecisionTreeR0 — Data Link

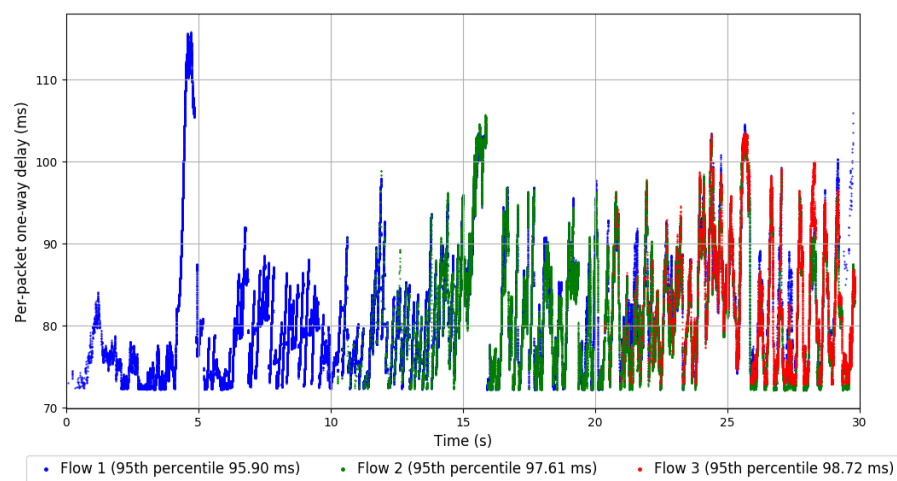
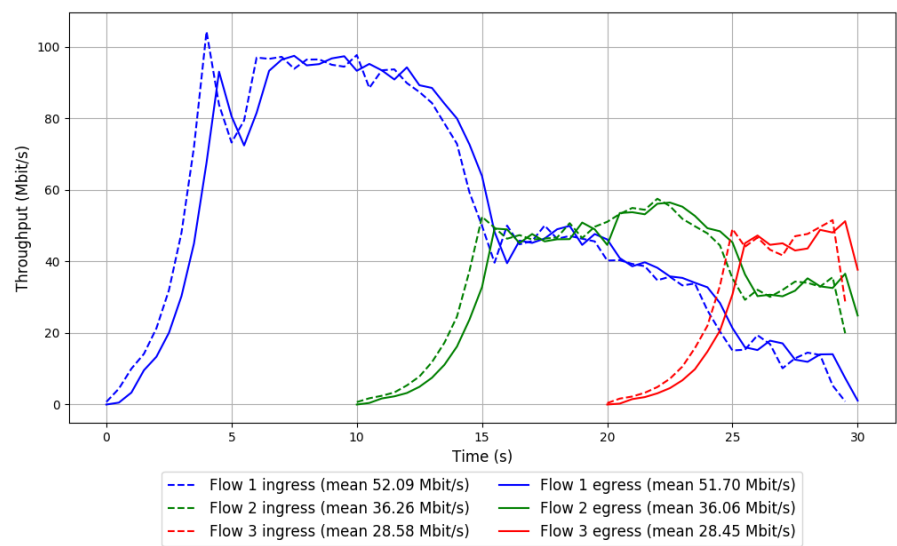


Run 4: Statistics of Muses_DecisionTreeR0

Start at: 2019-10-03 00:35:45
End at: 2019-10-03 00:36:15
Local clock offset: 4.435 ms
Remote clock offset: 49.121 ms

Below is generated by plot.py at 2019-10-03 01:20:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 97.306 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 51.70 Mbit/s
95th percentile per-packet one-way delay: 95.902 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 97.611 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 28.45 Mbit/s
95th percentile per-packet one-way delay: 98.724 ms
Loss rate: 0.34%

Run 4: Report of Muses_DecisionTreeR0 — Data Link

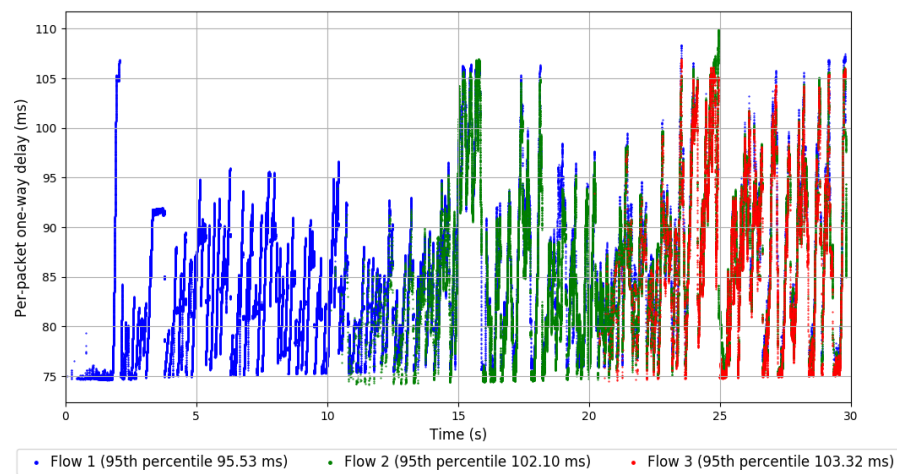
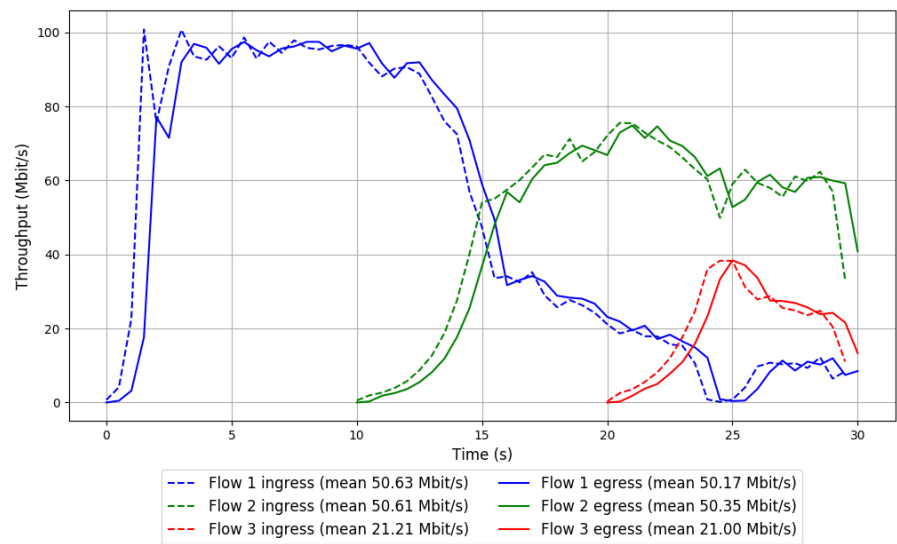


Run 5: Statistics of Muses_DecisionTreeR0

Start at: 2019-10-03 01:06:03
End at: 2019-10-03 01:06:33
Local clock offset: 10.56 ms
Remote clock offset: 21.261 ms

Below is generated by plot.py at 2019-10-03 01:20:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.21 Mbit/s
95th percentile per-packet one-way delay: 100.361 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 95.529 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 102.102 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 21.00 Mbit/s
95th percentile per-packet one-way delay: 103.316 ms
Loss rate: 0.86%

Run 5: Report of Muses_DecisionTreeR0 — Data Link

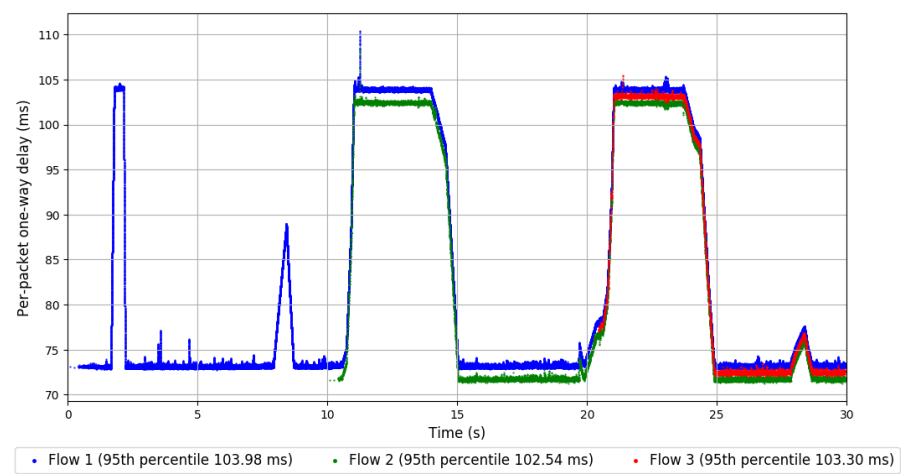
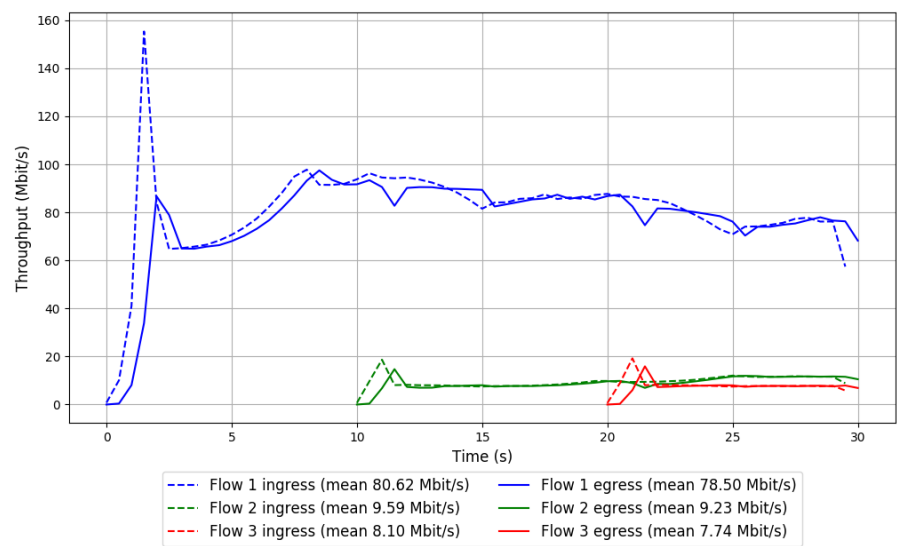


Run 1: Statistics of PCC-Allegro

Start at: 2019-10-02 22:55:53
End at: 2019-10-02 22:56:23
Local clock offset: -6.739 ms
Remote clock offset: 38.162 ms

Below is generated by plot.py at 2019-10-03 01:20:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.19 Mbit/s
95th percentile per-packet one-way delay: 103.970 ms
Loss rate: 2.77%
-- Flow 1:
Average throughput: 78.50 Mbit/s
95th percentile per-packet one-way delay: 103.979 ms
Loss rate: 2.63%
-- Flow 2:
Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 102.538 ms
Loss rate: 3.75%
-- Flow 3:
Average throughput: 7.74 Mbit/s
95th percentile per-packet one-way delay: 103.299 ms
Loss rate: 4.52%

Run 1: Report of PCC-Allegro — Data Link

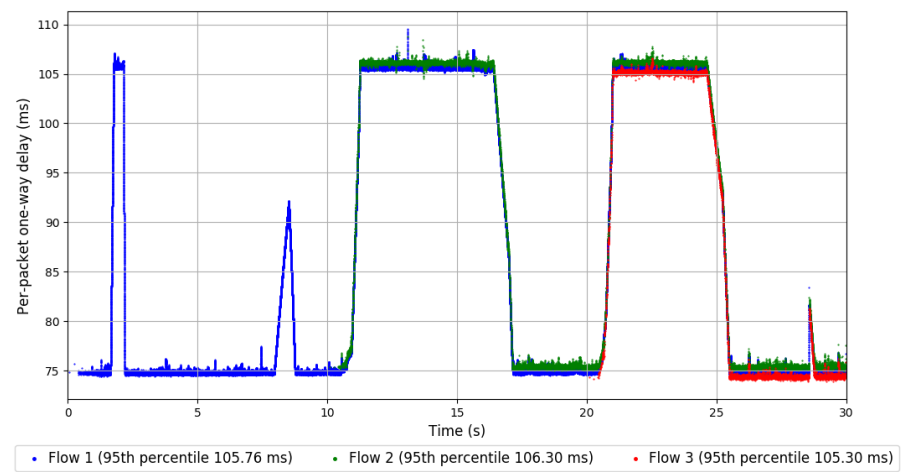
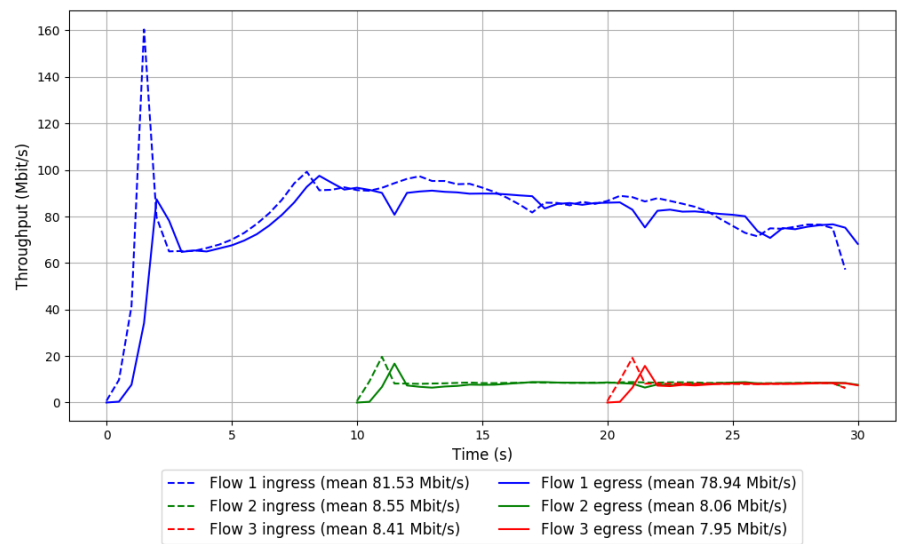


Run 2: Statistics of PCC-Allegro

Start at: 2019-10-02 23:26:15
End at: 2019-10-02 23:26:45
Local clock offset: -7.23 ms
Remote clock offset: 43.495 ms

Below is generated by plot.py at 2019-10-03 01:20:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.92 Mbit/s
95th percentile per-packet one-way delay: 105.867 ms
Loss rate: 3.41%
-- Flow 1:
Average throughput: 78.94 Mbit/s
95th percentile per-packet one-way delay: 105.762 ms
Loss rate: 3.18%
-- Flow 2:
Average throughput: 8.06 Mbit/s
95th percentile per-packet one-way delay: 106.302 ms
Loss rate: 5.74%
-- Flow 3:
Average throughput: 7.95 Mbit/s
95th percentile per-packet one-way delay: 105.298 ms
Loss rate: 5.40%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-10-02 23:56:35

End at: 2019-10-02 23:57:05

Local clock offset: -4.187 ms

Remote clock offset: 46.98 ms

Below is generated by plot.py at 2019-10-03 01:20:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.73 Mbit/s

95th percentile per-packet one-way delay: 108.747 ms

Loss rate: 3.56%

-- Flow 1:

Average throughput: 59.05 Mbit/s

95th percentile per-packet one-way delay: 114.374 ms

Loss rate: 3.49%

-- Flow 2:

Average throughput: 31.56 Mbit/s

95th percentile per-packet one-way delay: 107.232 ms

Loss rate: 3.76%

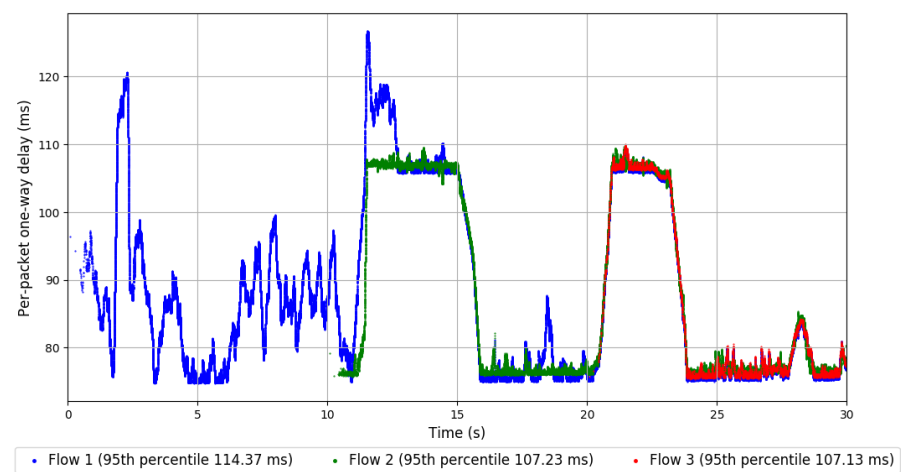
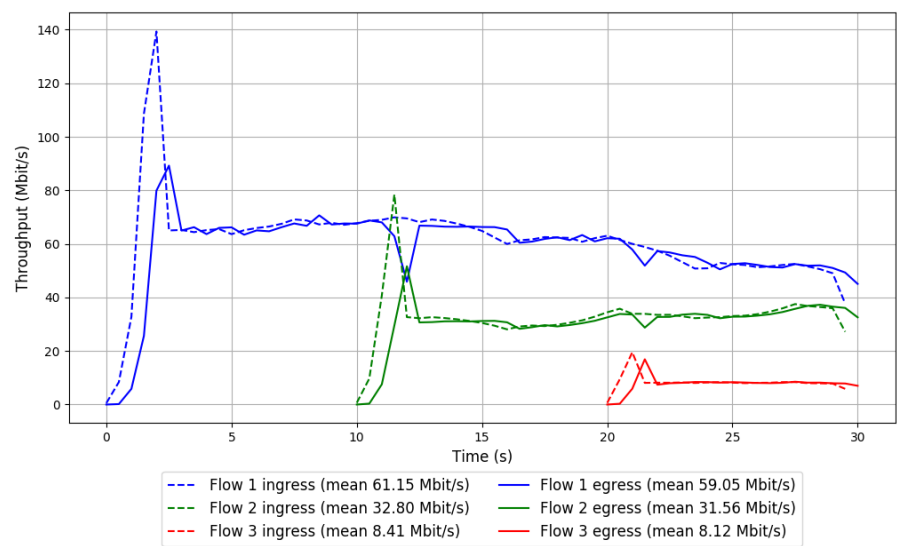
-- Flow 3:

Average throughput: 8.12 Mbit/s

95th percentile per-packet one-way delay: 107.128 ms

Loss rate: 3.44%

Run 3: Report of PCC-Allegro — Data Link

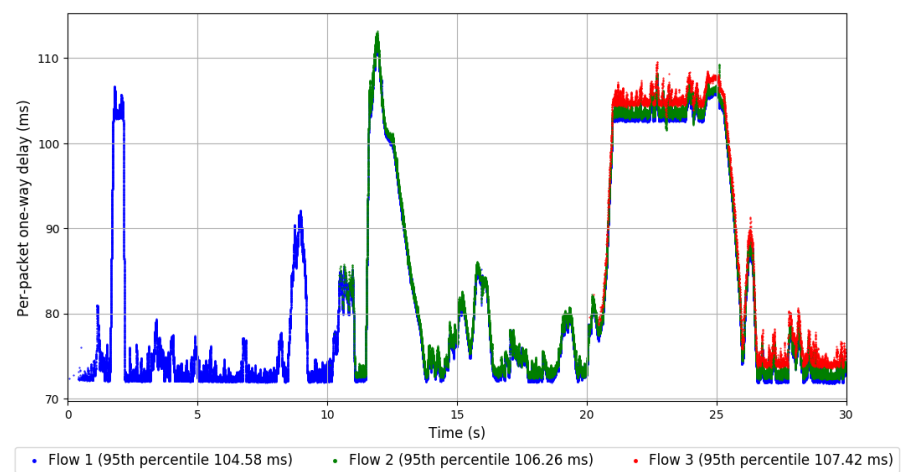
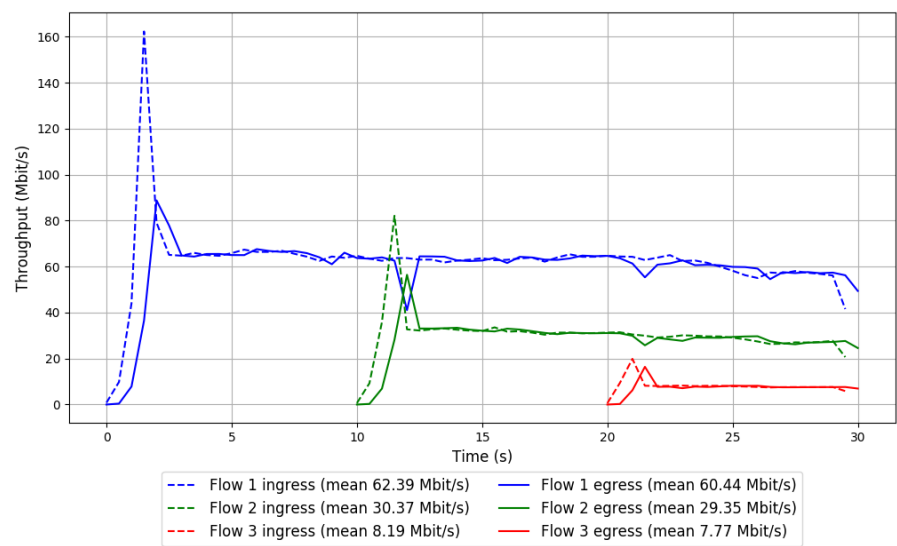


Run 4: Statistics of PCC-Allegro

Start at: 2019-10-03 00:26:53
End at: 2019-10-03 00:27:23
Local clock offset: 6.969 ms
Remote clock offset: 48.149 ms

Below is generated by plot.py at 2019-10-03 01:20:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.51 Mbit/s
95th percentile per-packet one-way delay: 105.358 ms
Loss rate: 3.26%
-- Flow 1:
Average throughput: 60.44 Mbit/s
95th percentile per-packet one-way delay: 104.577 ms
Loss rate: 3.14%
-- Flow 2:
Average throughput: 29.35 Mbit/s
95th percentile per-packet one-way delay: 106.263 ms
Loss rate: 3.38%
-- Flow 3:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 107.415 ms
Loss rate: 5.10%

Run 4: Report of PCC-Allegro — Data Link

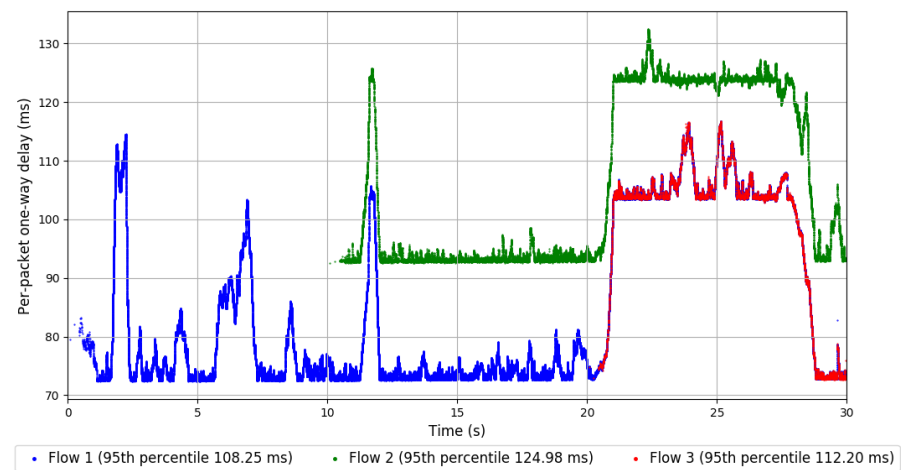
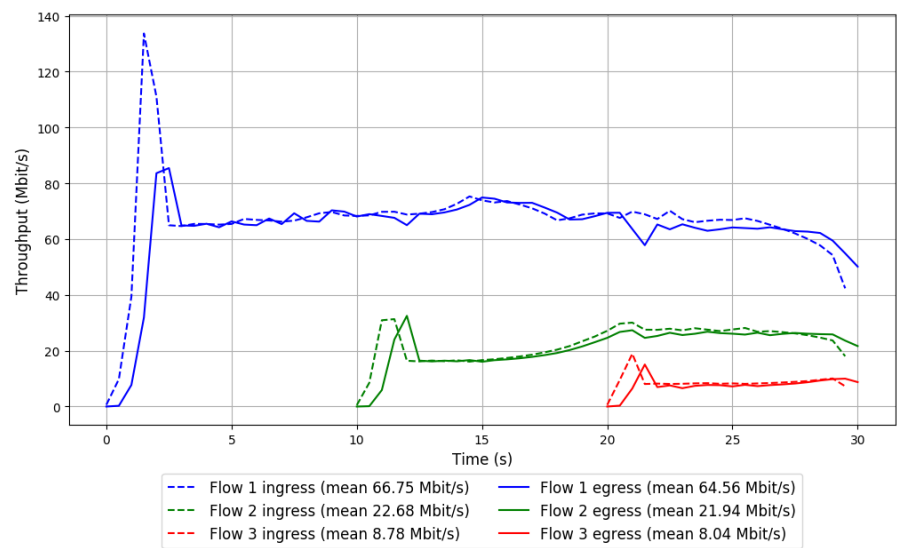


Run 5: Statistics of PCC-Allegro

Start at: 2019-10-03 00:57:13
End at: 2019-10-03 00:57:43
Local clock offset: 5.925 ms
Remote clock offset: 50.996 ms

Below is generated by plot.py at 2019-10-03 01:20:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.78 Mbit/s
95th percentile per-packet one-way delay: 123.691 ms
Loss rate: 3.48%
-- Flow 1:
Average throughput: 64.56 Mbit/s
95th percentile per-packet one-way delay: 108.250 ms
Loss rate: 3.30%
-- Flow 2:
Average throughput: 21.94 Mbit/s
95th percentile per-packet one-way delay: 124.982 ms
Loss rate: 3.33%
-- Flow 3:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 112.202 ms
Loss rate: 8.41%

Run 5: Report of PCC-Allegro — Data Link

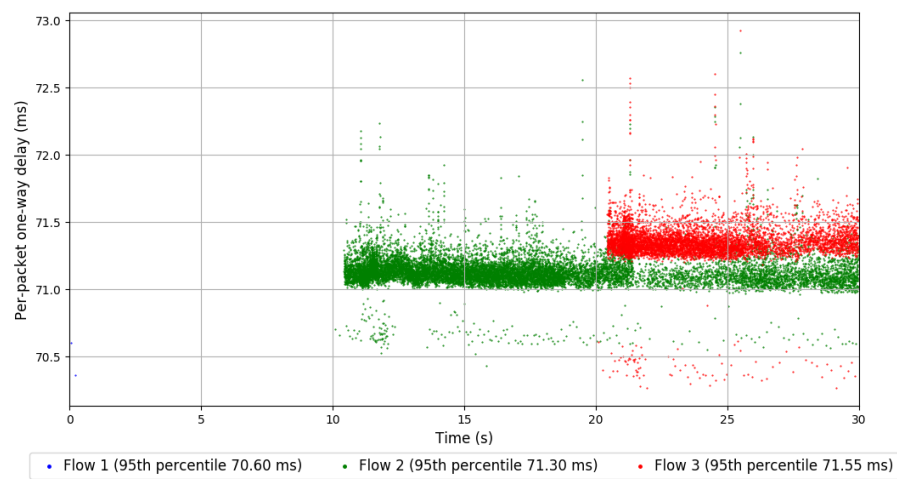
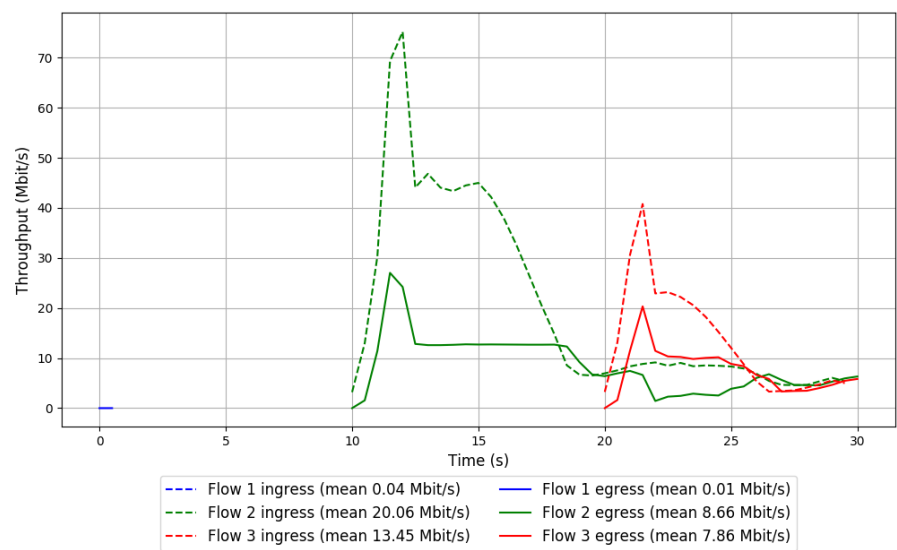


```
Run 1: Statistics of PCC-Expr

Start at: 2019-10-02 22:48:19
End at: 2019-10-02 22:48:49
Local clock offset: -6.627 ms
Remote clock offset: 37.078 ms

# Below is generated by plot.py at 2019-10-03 01:20:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 71.462 ms
Loss rate: 53.05%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 70.599 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 8.66 Mbit/s
95th percentile per-packet one-way delay: 71.304 ms
Loss rate: 56.86%
-- Flow 3:
Average throughput: 7.86 Mbit/s
95th percentile per-packet one-way delay: 71.548 ms
Loss rate: 41.60%
```

Run 1: Report of PCC-Expr — Data Link

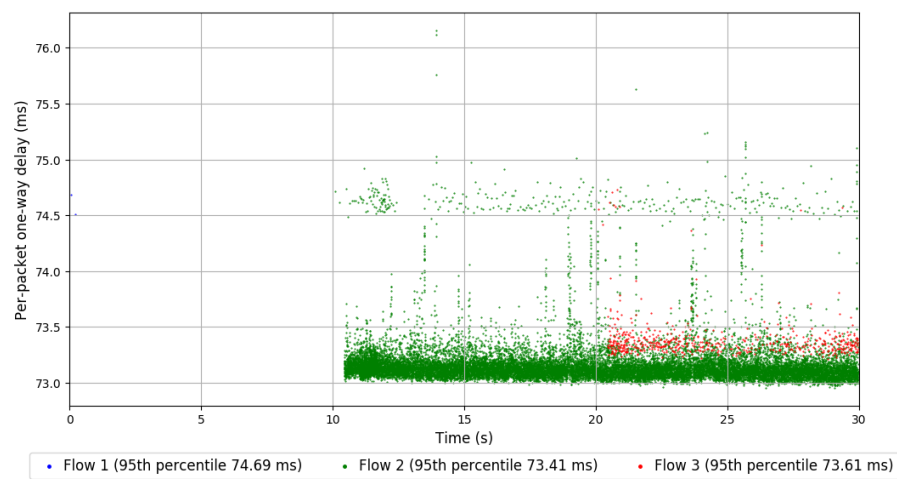
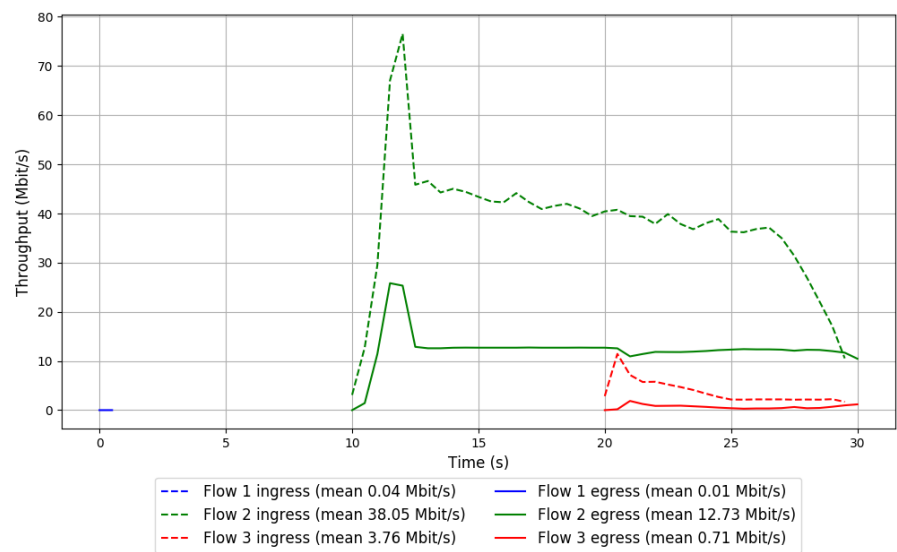


Run 2: Statistics of PCC-Expr

Start at: 2019-10-02 23:18:44
End at: 2019-10-02 23:19:14
Local clock offset: -7.24 ms
Remote clock offset: 42.624 ms

Below is generated by plot.py at 2019-10-03 01:20:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 73.427 ms
Loss rate: 67.23%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 74.688 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 73.406 ms
Loss rate: 66.55%
-- Flow 3:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 73.614 ms
Loss rate: 81.10%

Run 2: Report of PCC-Expr — Data Link

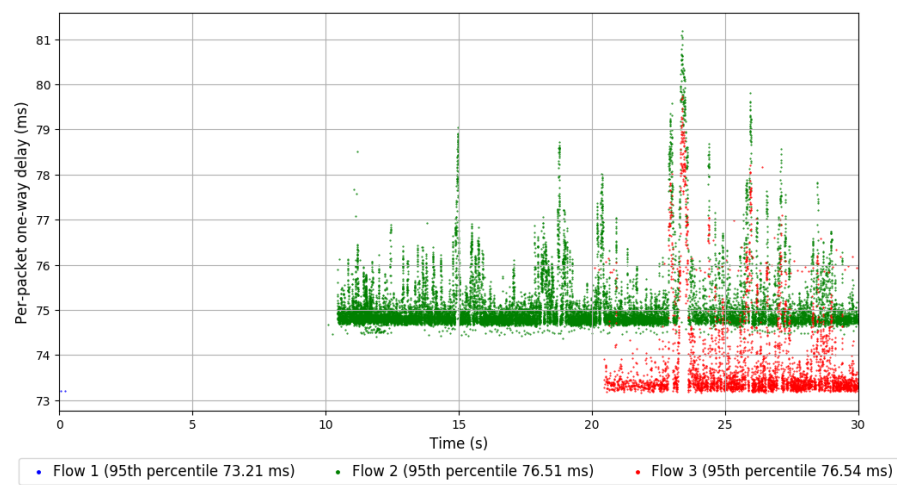
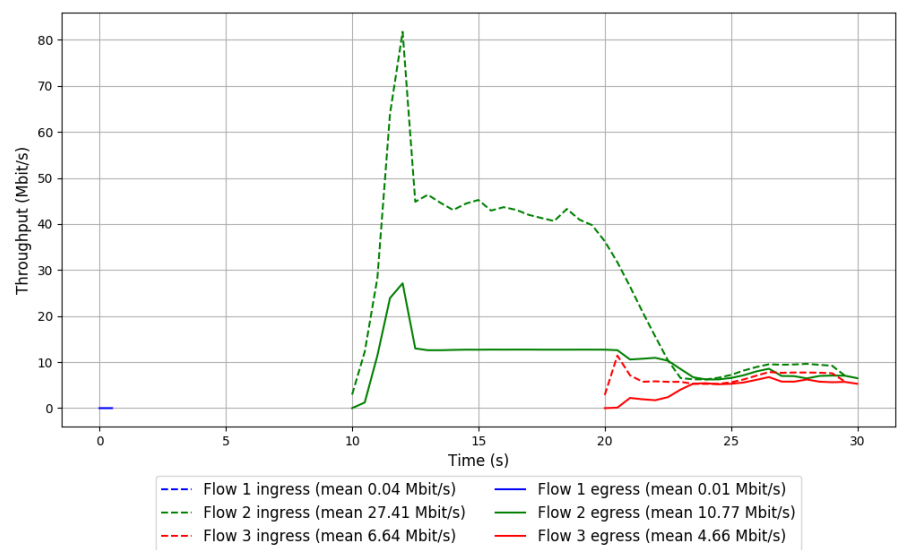


```
Run 3: Statistics of PCC-Expr

Start at: 2019-10-02 23:49:05
End at: 2019-10-02 23:49:35
Local clock offset: -6.182 ms
Remote clock offset: 46.042 ms

# Below is generated by plot.py at 2019-10-03 01:20:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 76.512 ms
Loss rate: 57.40%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 73.208 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 10.77 Mbit/s
95th percentile per-packet one-way delay: 76.509 ms
Loss rate: 60.73%
-- Flow 3:
Average throughput: 4.66 Mbit/s
95th percentile per-packet one-way delay: 76.539 ms
Loss rate: 29.74%
```

Run 3: Report of PCC-Expr — Data Link

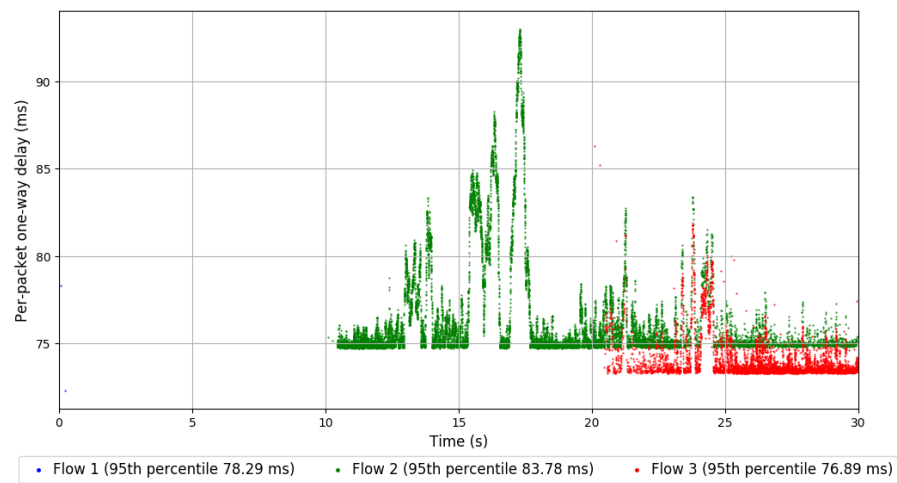
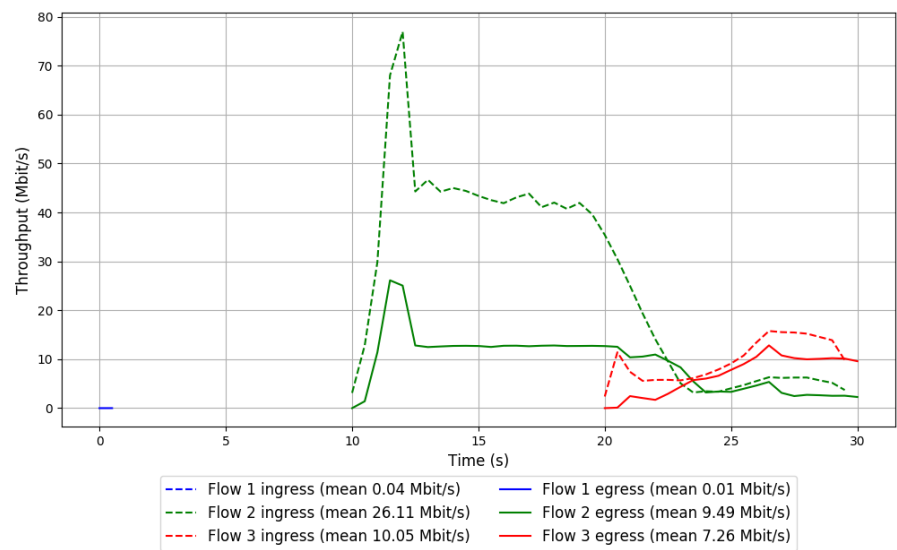


Run 4: Statistics of PCC-Expr

Start at: 2019-10-03 00:19:23
End at: 2019-10-03 00:19:53
Local clock offset: 7.089 ms
Remote clock offset: 49.003 ms

Below is generated by plot.py at 2019-10-03 01:20:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.71 Mbit/s
95th percentile per-packet one-way delay: 82.887 ms
Loss rate: 57.93%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 78.294 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 83.782 ms
Loss rate: 63.67%
-- Flow 3:
Average throughput: 7.26 Mbit/s
95th percentile per-packet one-way delay: 76.895 ms
Loss rate: 27.87%

Run 4: Report of PCC-Expr — Data Link

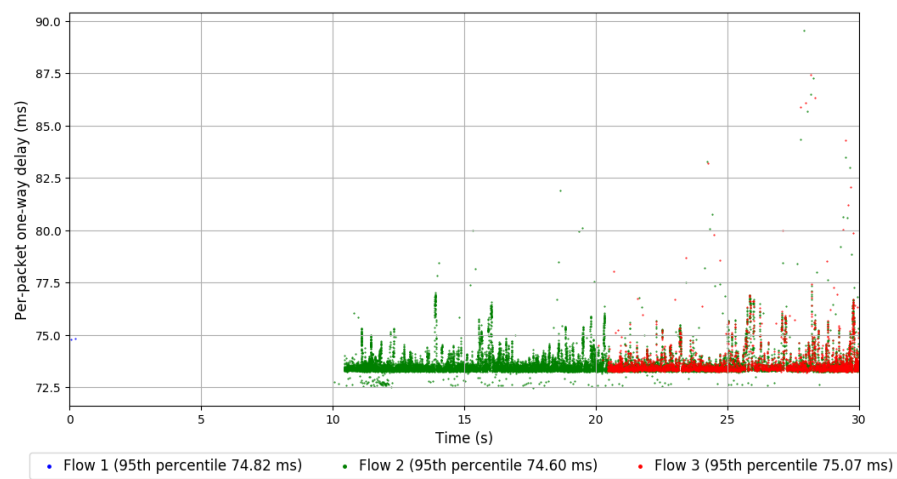
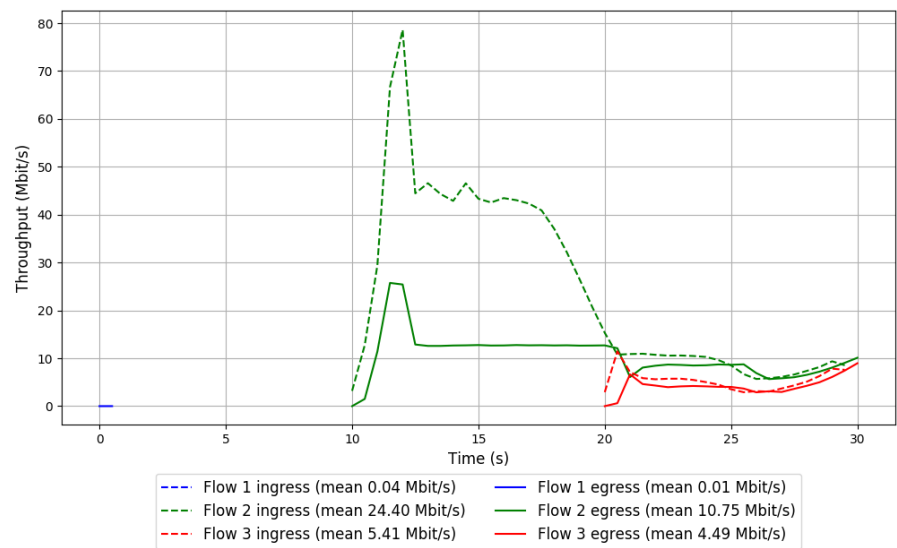


Run 5: Statistics of PCC-Expr

Start at: 2019-10-03 00:49:42
End at: 2019-10-03 00:50:12
Local clock offset: 3.76 ms
Remote clock offset: 52.158 ms

Below is generated by plot.py at 2019-10-03 01:20:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.64 Mbit/s
95th percentile per-packet one-way delay: 74.680 ms
Loss rate: 52.08%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 74.820 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 10.75 Mbit/s
95th percentile per-packet one-way delay: 74.601 ms
Loss rate: 55.94%
-- Flow 3:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 75.070 ms
Loss rate: 17.04%

Run 5: Report of PCC-Expr — Data Link

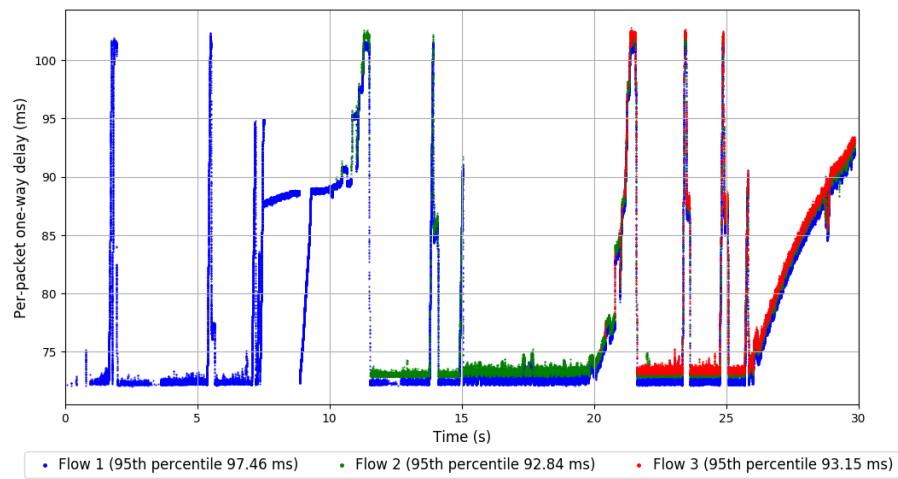
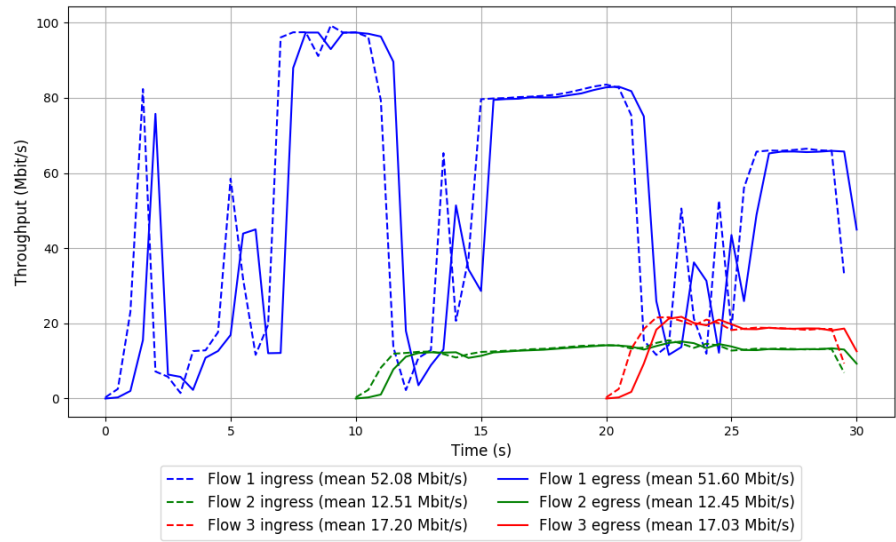


Run 1: Statistics of QUIC Cubic

Start at: 2019-10-02 22:59:44
End at: 2019-10-02 23:00:14
Local clock offset: -6.835 ms
Remote clock offset: 40.199 ms

Below is generated by plot.py at 2019-10-03 01:21:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.44 Mbit/s
95th percentile per-packet one-way delay: 97.204 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 51.60 Mbit/s
95th percentile per-packet one-way delay: 97.456 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 12.45 Mbit/s
95th percentile per-packet one-way delay: 92.839 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 17.03 Mbit/s
95th percentile per-packet one-way delay: 93.154 ms
Loss rate: 0.79%

Run 1: Report of QUIC Cubic — Data Link

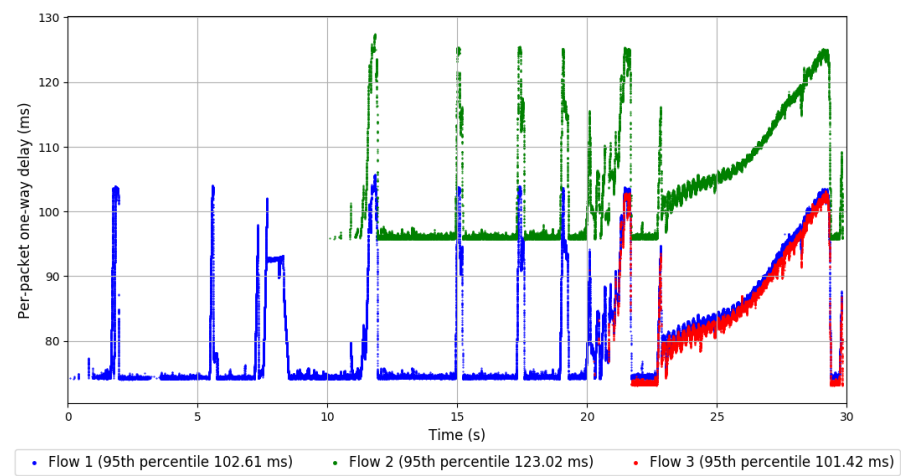
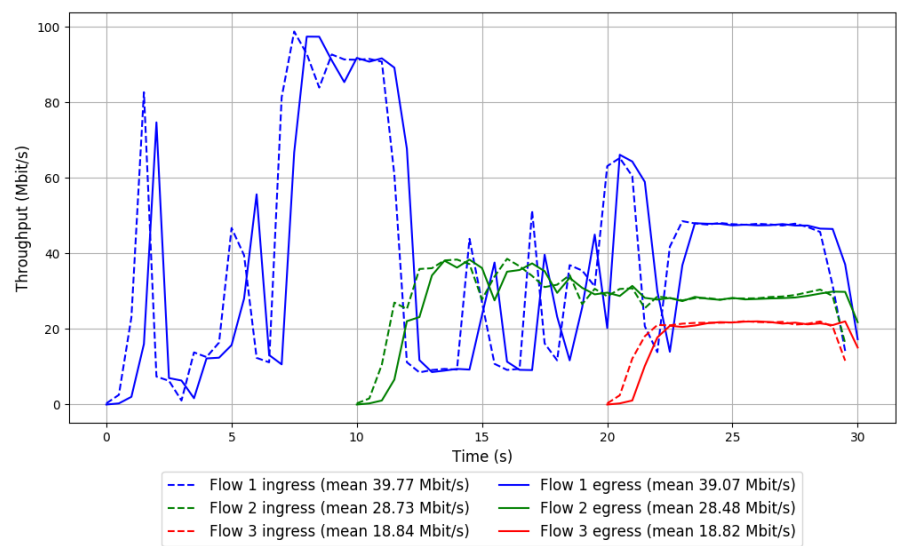


Run 2: Statistics of QUIC Cubic

Start at: 2019-10-02 23:30:06
End at: 2019-10-02 23:30:36
Local clock offset: -6.753 ms
Remote clock offset: 44.019 ms

Below is generated by plot.py at 2019-10-03 01:21:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 114.515 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 39.07 Mbit/s
95th percentile per-packet one-way delay: 102.611 ms
Loss rate: 1.71%
-- Flow 2:
Average throughput: 28.48 Mbit/s
95th percentile per-packet one-way delay: 123.023 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 18.82 Mbit/s
95th percentile per-packet one-way delay: 101.418 ms
Loss rate: 0.26%

Run 2: Report of QUIC Cubic — Data Link

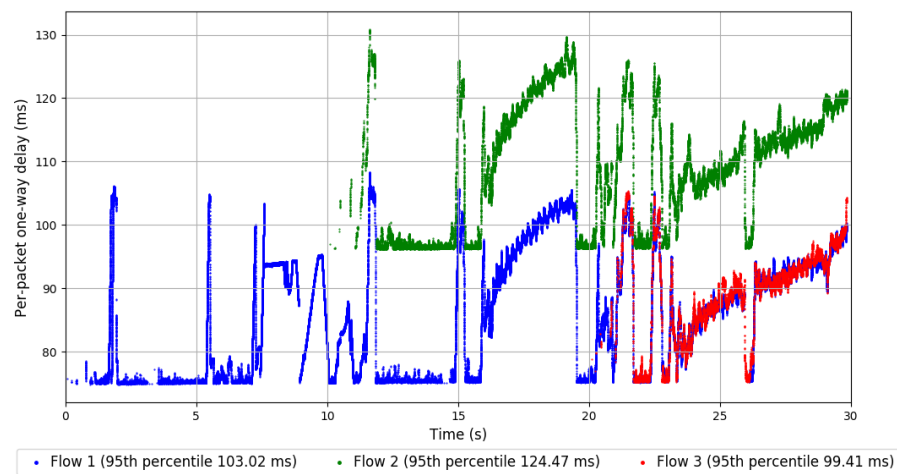
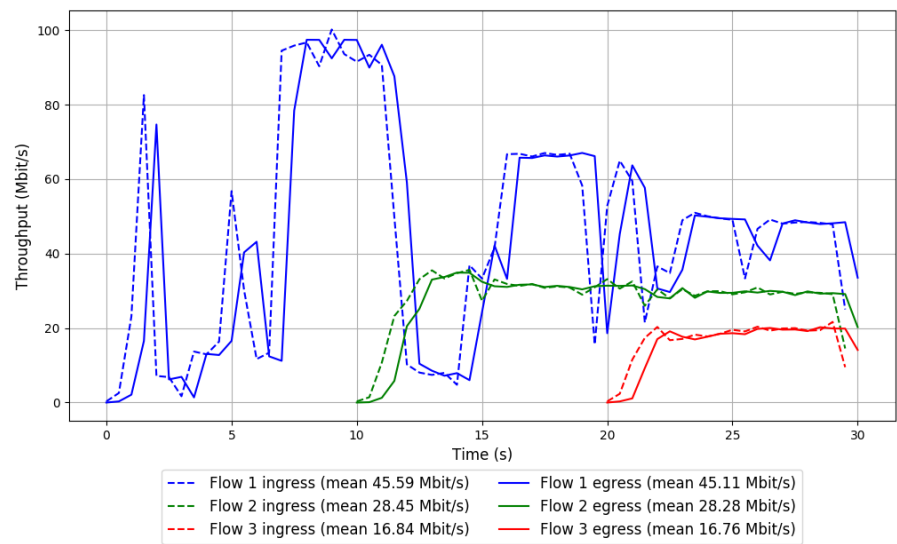


Run 3: Statistics of QUIC Cubic

Start at: 2019-10-03 00:00:27
End at: 2019-10-03 00:00:57
Local clock offset: -0.537 ms
Remote clock offset: 47.234 ms

Below is generated by plot.py at 2019-10-03 01:21:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.35 Mbit/s
95th percentile per-packet one-way delay: 119.053 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 45.11 Mbit/s
95th percentile per-packet one-way delay: 103.018 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 28.28 Mbit/s
95th percentile per-packet one-way delay: 124.471 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 16.76 Mbit/s
95th percentile per-packet one-way delay: 99.407 ms
Loss rate: 0.41%

Run 3: Report of QUIC Cubic — Data Link

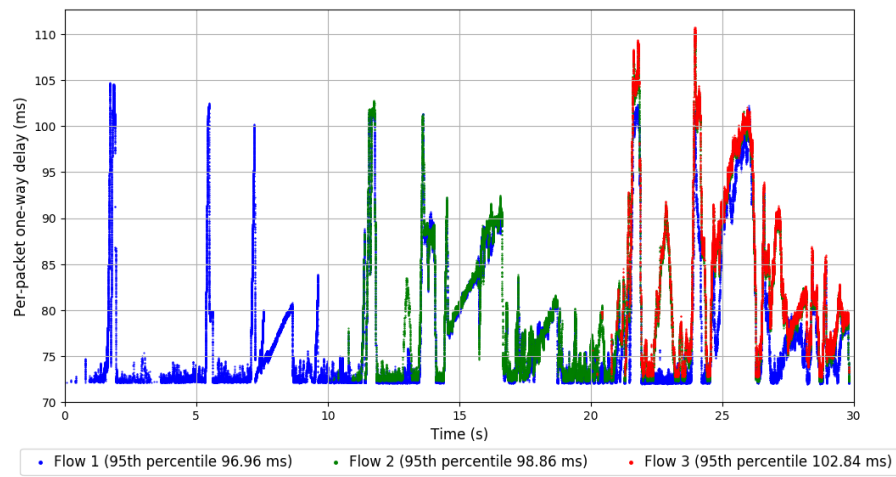
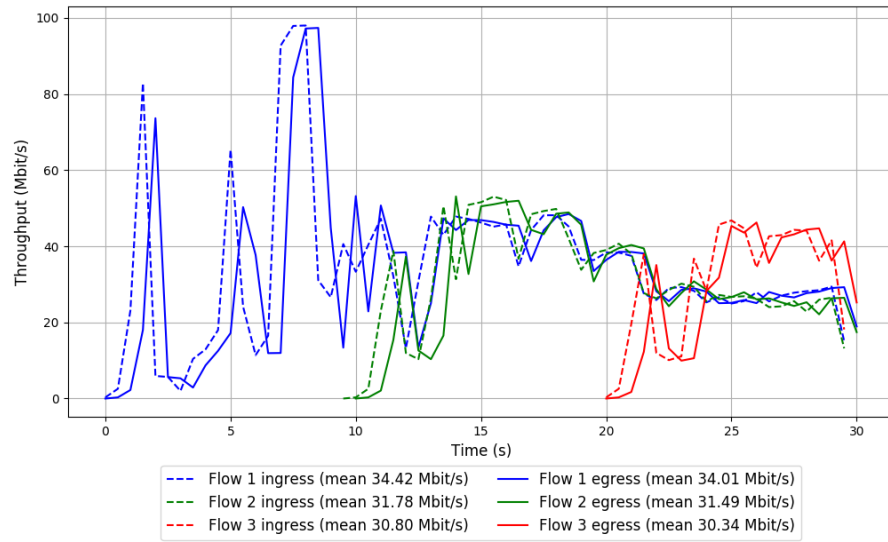


Run 4: Statistics of QUIC Cubic

Start at: 2019-10-03 00:30:46
End at: 2019-10-03 00:31:16
Local clock offset: 5.47 ms
Remote clock offset: 50.282 ms

Below is generated by plot.py at 2019-10-03 01:21:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.86 Mbit/s
95th percentile per-packet one-way delay: 99.566 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 34.01 Mbit/s
95th percentile per-packet one-way delay: 96.959 ms
Loss rate: 1.17%
-- Flow 2:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 98.859 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 30.34 Mbit/s
95th percentile per-packet one-way delay: 102.838 ms
Loss rate: 1.51%

Run 4: Report of QUIC Cubic — Data Link

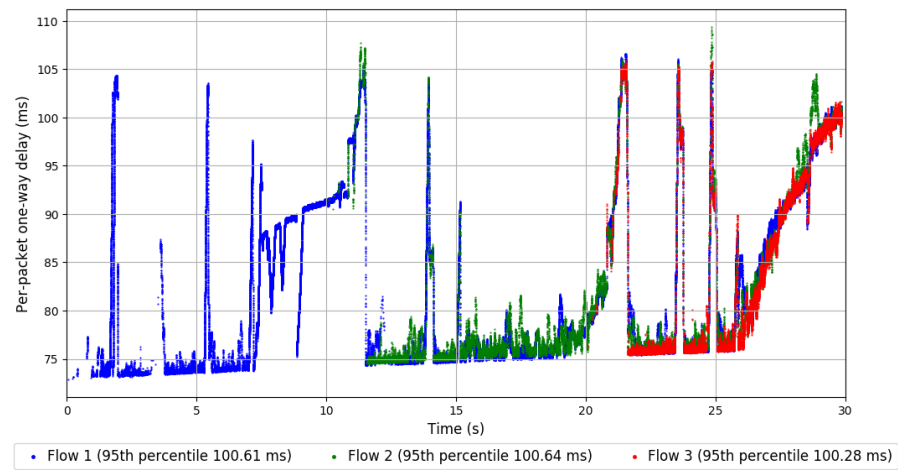
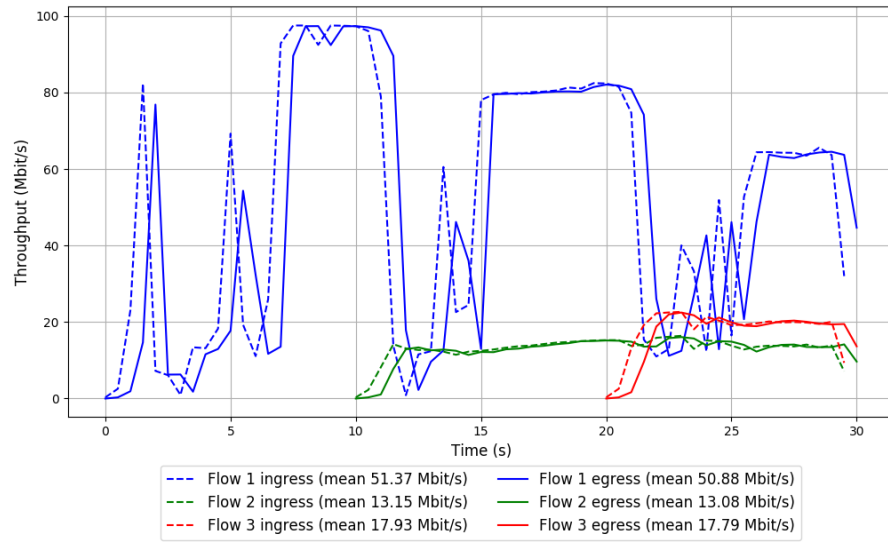


Run 5: Statistics of QUIC Cubic

Start at: 2019-10-03 01:01:04
End at: 2019-10-03 01:01:34
Local clock offset: 8.356 ms
Remote clock offset: 45.438 ms

Below is generated by plot.py at 2019-10-03 01:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.39 Mbit/s
95th percentile per-packet one-way delay: 100.569 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 50.88 Mbit/s
95th percentile per-packet one-way delay: 100.612 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 100.635 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 17.79 Mbit/s
95th percentile per-packet one-way delay: 100.284 ms
Loss rate: 0.58%

Run 5: Report of QUIC Cubic — Data Link

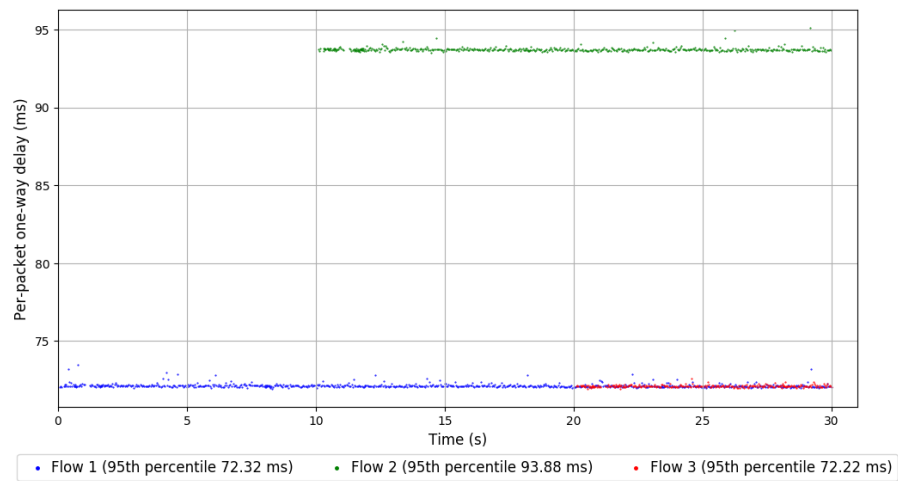
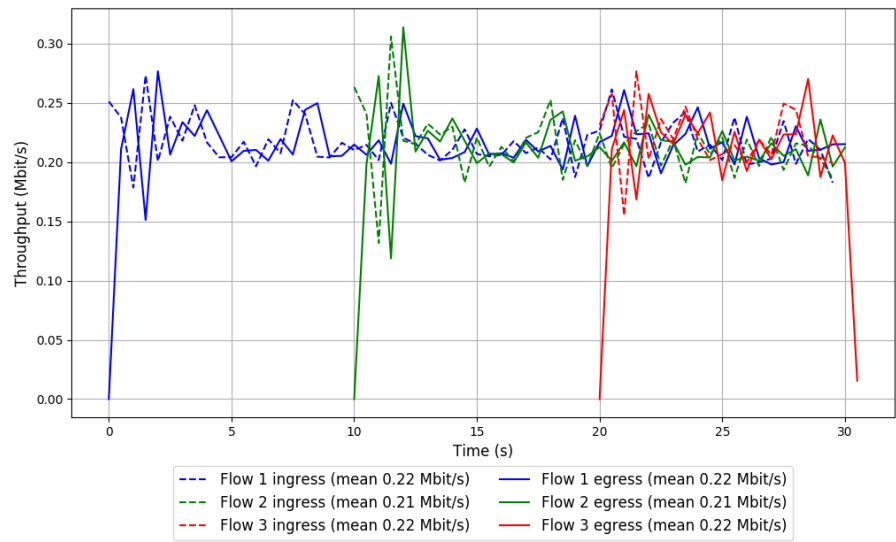


Run 1: Statistics of SReAM

Start at: 2019-10-02 23:01:00
End at: 2019-10-02 23:01:30
Local clock offset: -6.803 ms
Remote clock offset: 38.513 ms

Below is generated by plot.py at 2019-10-03 01:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 93.778 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.319 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 93.877 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.225 ms
Loss rate: 0.00%

Run 1: Report of SCReAM — Data Link

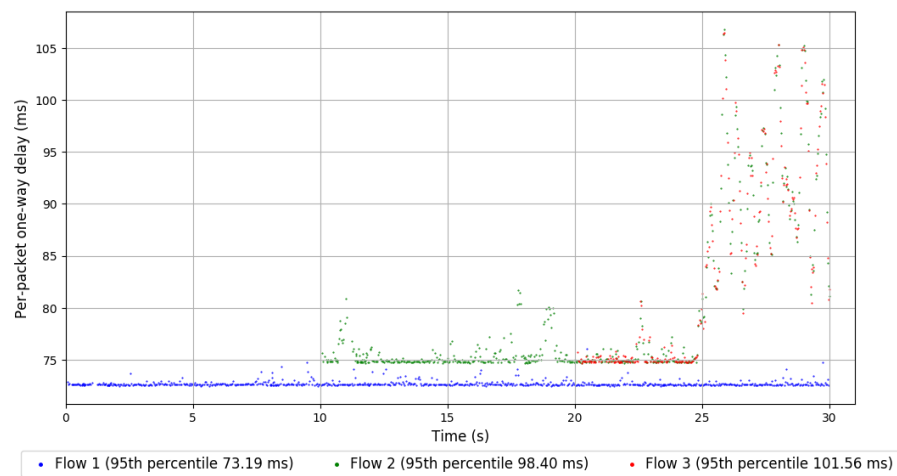
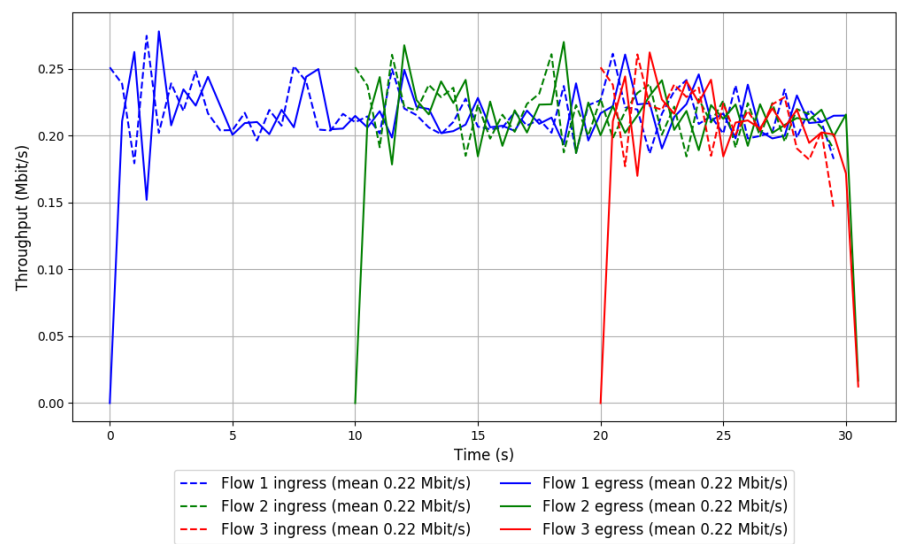


Run 2: Statistics of SReAM

Start at: 2019-10-02 23:31:22
End at: 2019-10-02 23:31:52
Local clock offset: -6.711 ms
Remote clock offset: 43.901 ms

Below is generated by plot.py at 2019-10-03 01:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 94.981 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.189 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 98.398 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 101.560 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

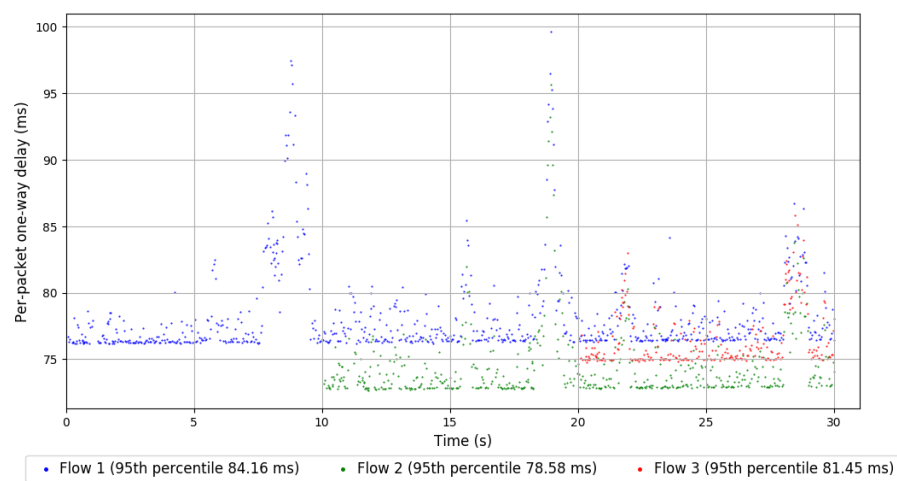
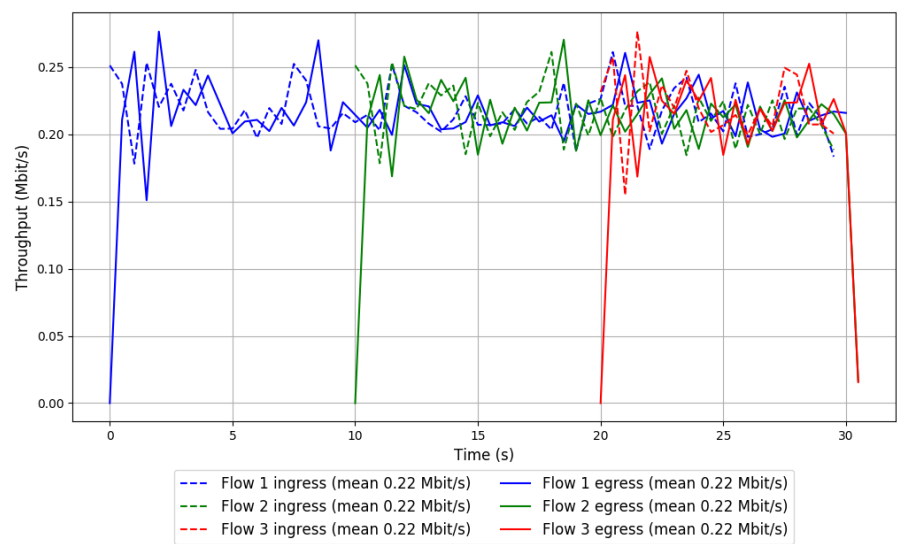


Run 3: Statistics of SReAM

Start at: 2019-10-03 00:01:43
End at: 2019-10-03 00:02:13
Local clock offset: 0.534 ms
Remote clock offset: 47.335 ms

Below is generated by plot.py at 2019-10-03 01:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 82.762 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.164 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.581 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.455 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

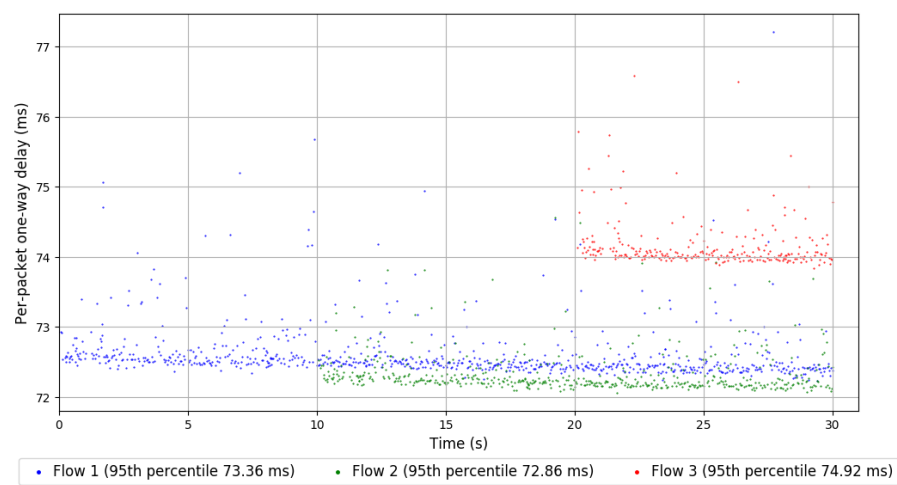
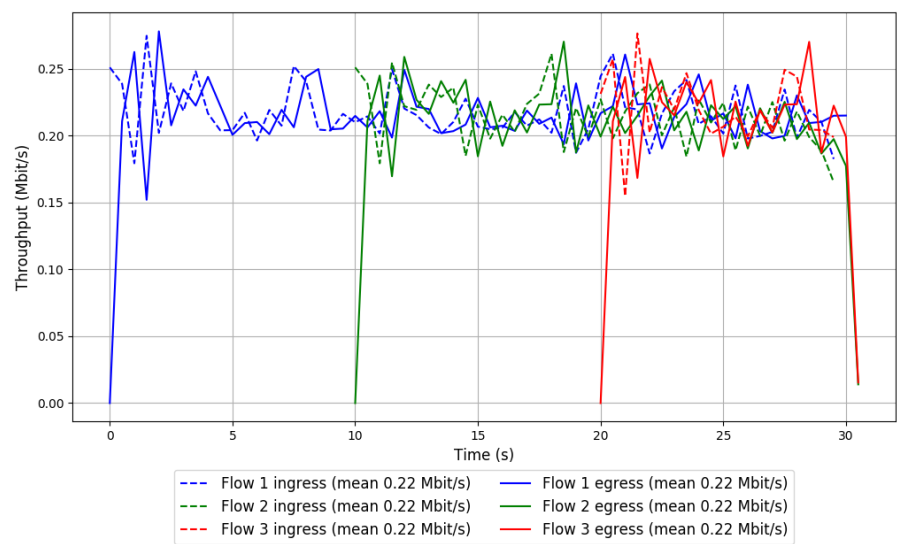


Run 4: Statistics of SReAM

Start at: 2019-10-03 00:32:02
End at: 2019-10-03 00:32:32
Local clock offset: 5.118 ms
Remote clock offset: 50.383 ms

Below is generated by plot.py at 2019-10-03 01:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 74.177 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.357 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.863 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 74.925 ms
Loss rate: 0.00%

Run 4: Report of SCReAM — Data Link

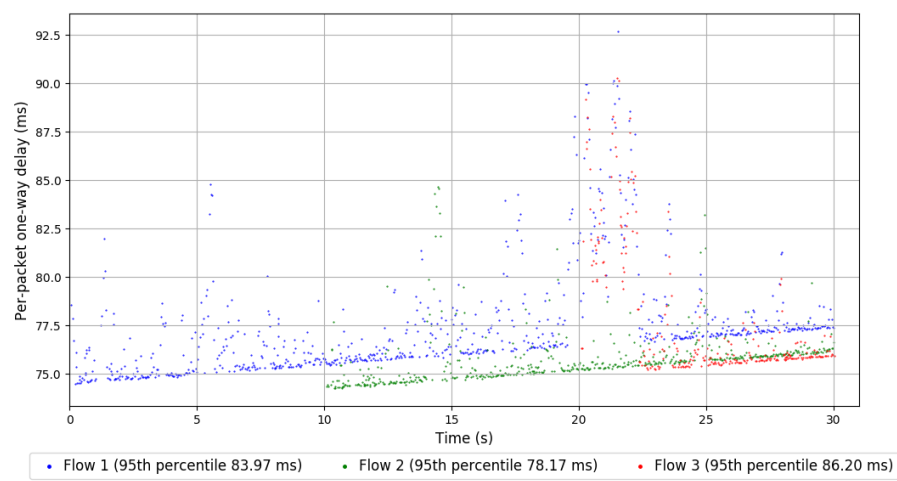
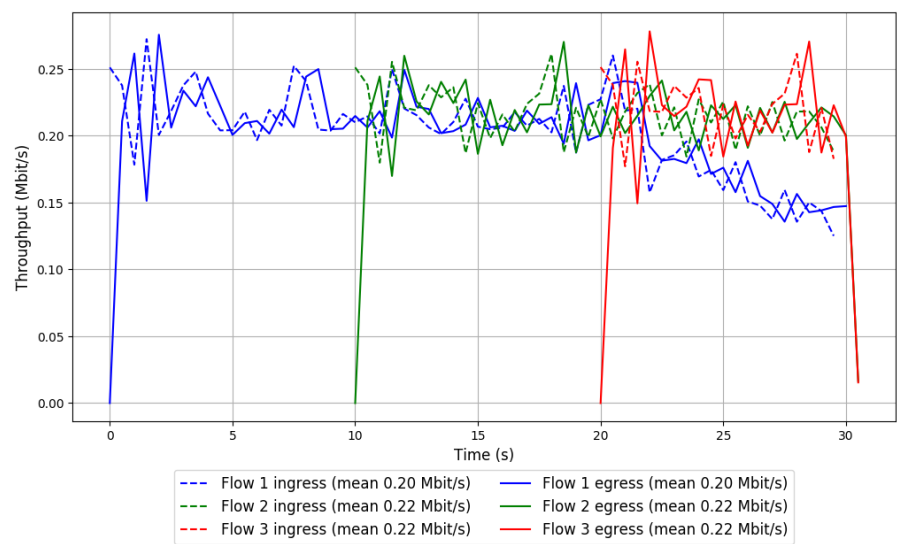


Run 5: Statistics of SReAM

Start at: 2019-10-03 01:02:20
End at: 2019-10-03 01:02:50
Local clock offset: 9.078 ms
Remote clock offset: 38.085 ms

Below is generated by plot.py at 2019-10-03 01:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 83.301 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 83.975 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.173 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.205 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

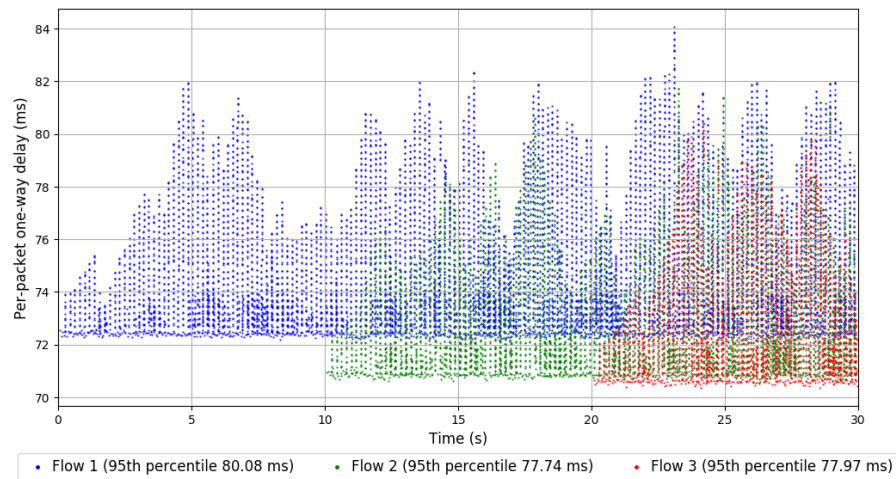
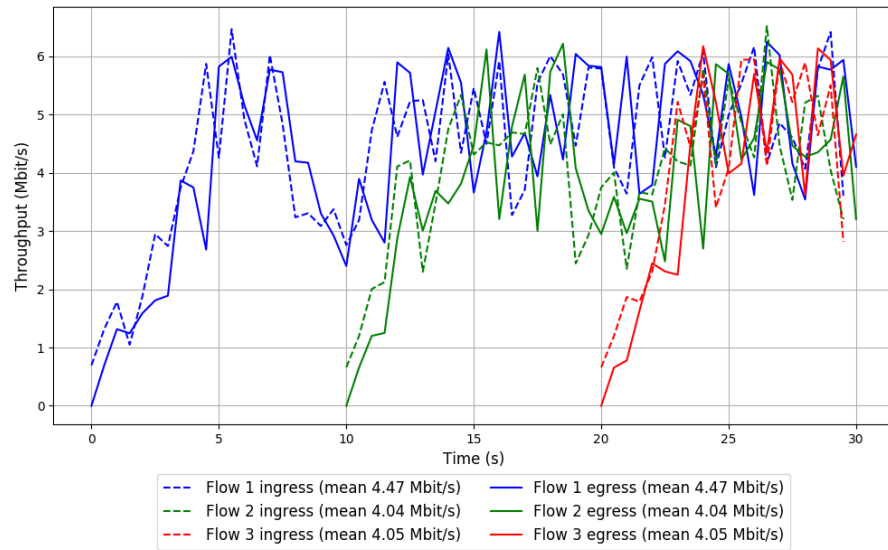


Run 1: Statistics of Sprout

Start at: 2019-10-02 22:38:10
End at: 2019-10-02 22:38:40
Local clock offset: -6.863 ms
Remote clock offset: 36.101 ms

Below is generated by plot.py at 2019-10-03 01:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.49 Mbit/s
95th percentile per-packet one-way delay: 79.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 80.081 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 77.742 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 77.968 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

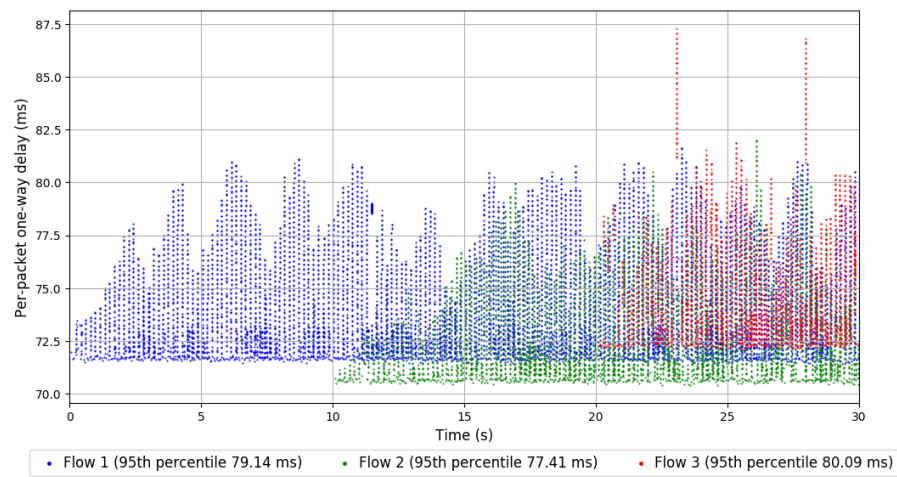
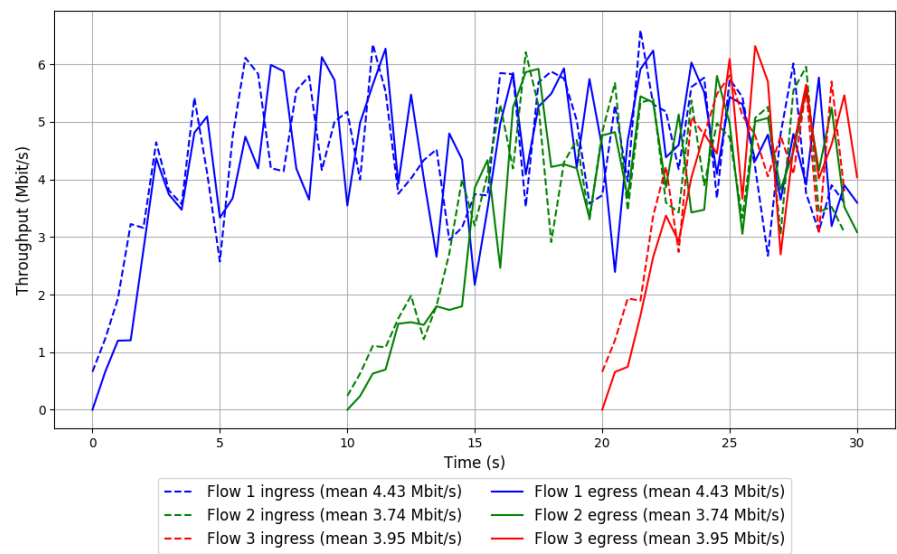


Run 2: Statistics of Sprout

Start at: 2019-10-02 23:08:36
End at: 2019-10-02 23:09:06
Local clock offset: -6.946 ms
Remote clock offset: 39.716 ms

Below is generated by plot.py at 2019-10-03 01:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 78.979 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 79.142 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 77.406 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.95 Mbit/s
95th percentile per-packet one-way delay: 80.095 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

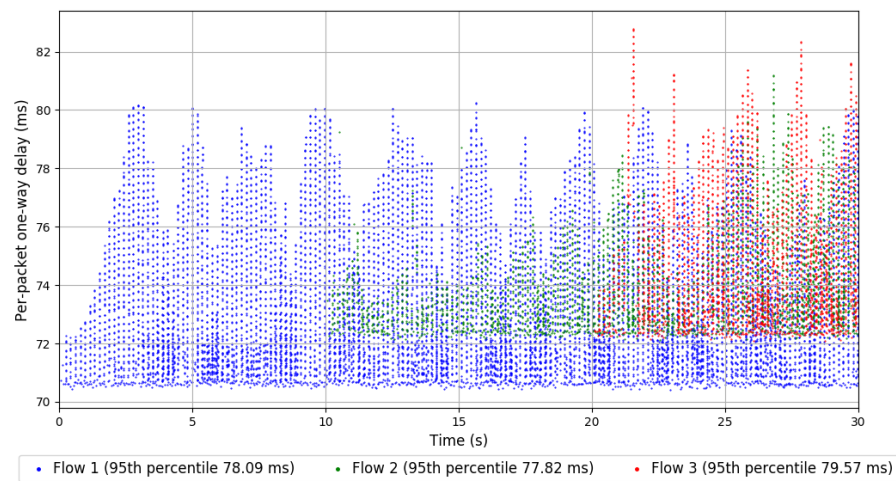
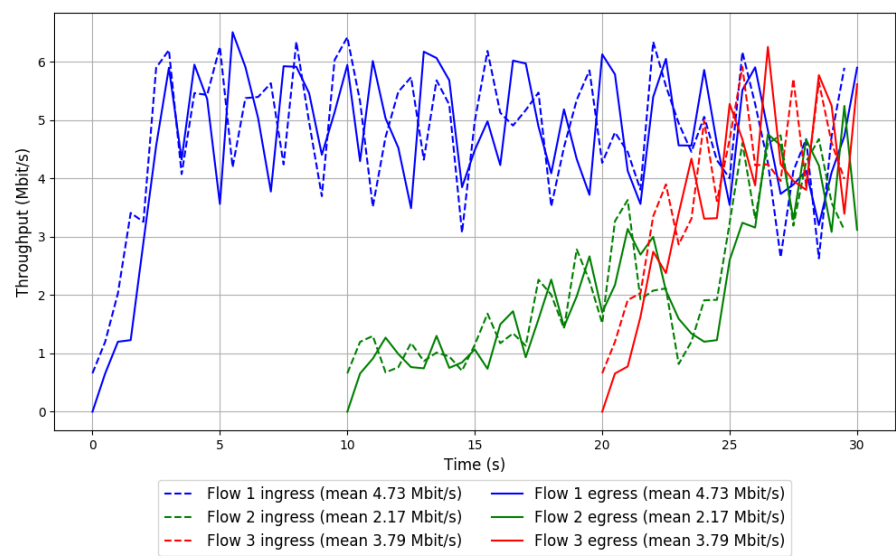


Run 3: Statistics of Sprout

Start at: 2019-10-02 23:38:57
End at: 2019-10-02 23:39:27
Local clock offset: -6.29 ms
Remote clock offset: 43.238 ms

```
# Below is generated by plot.py at 2019-10-03 01:21:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 78.343 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 78.090 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 77.818 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 79.573 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

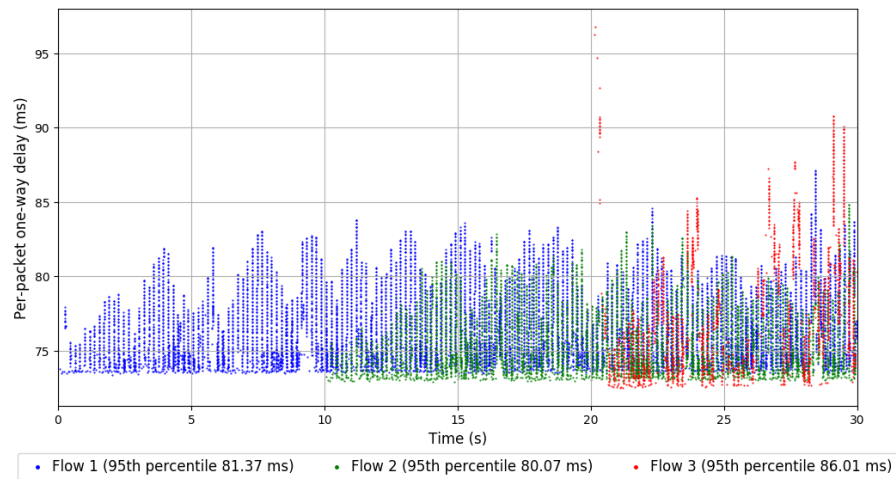
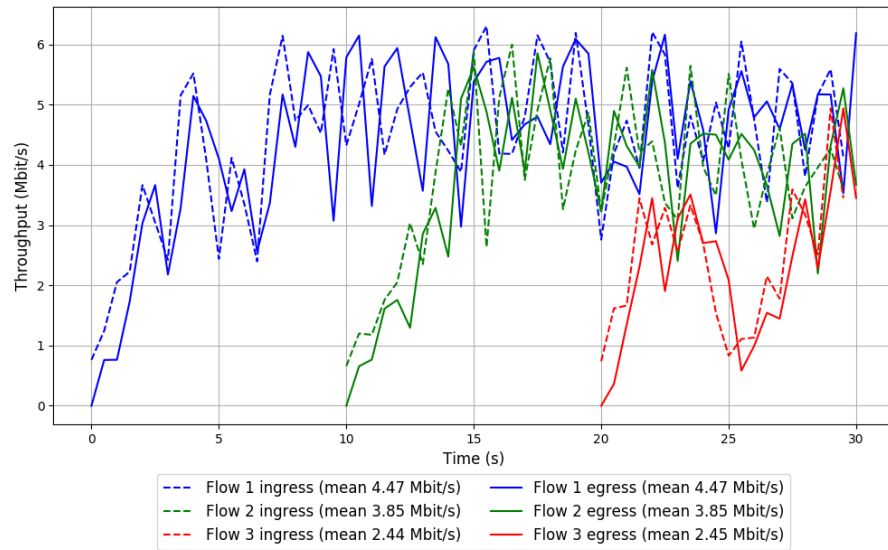


Run 4: Statistics of Sprout

Start at: 2019-10-03 00:09:16
End at: 2019-10-03 00:09:46
Local clock offset: 4.334 ms
Remote clock offset: 46.465 ms

```
# Below is generated by plot.py at 2019-10-03 01:21:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.84 Mbit/s
95th percentile per-packet one-way delay: 81.509 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 81.371 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 80.070 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 86.013 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

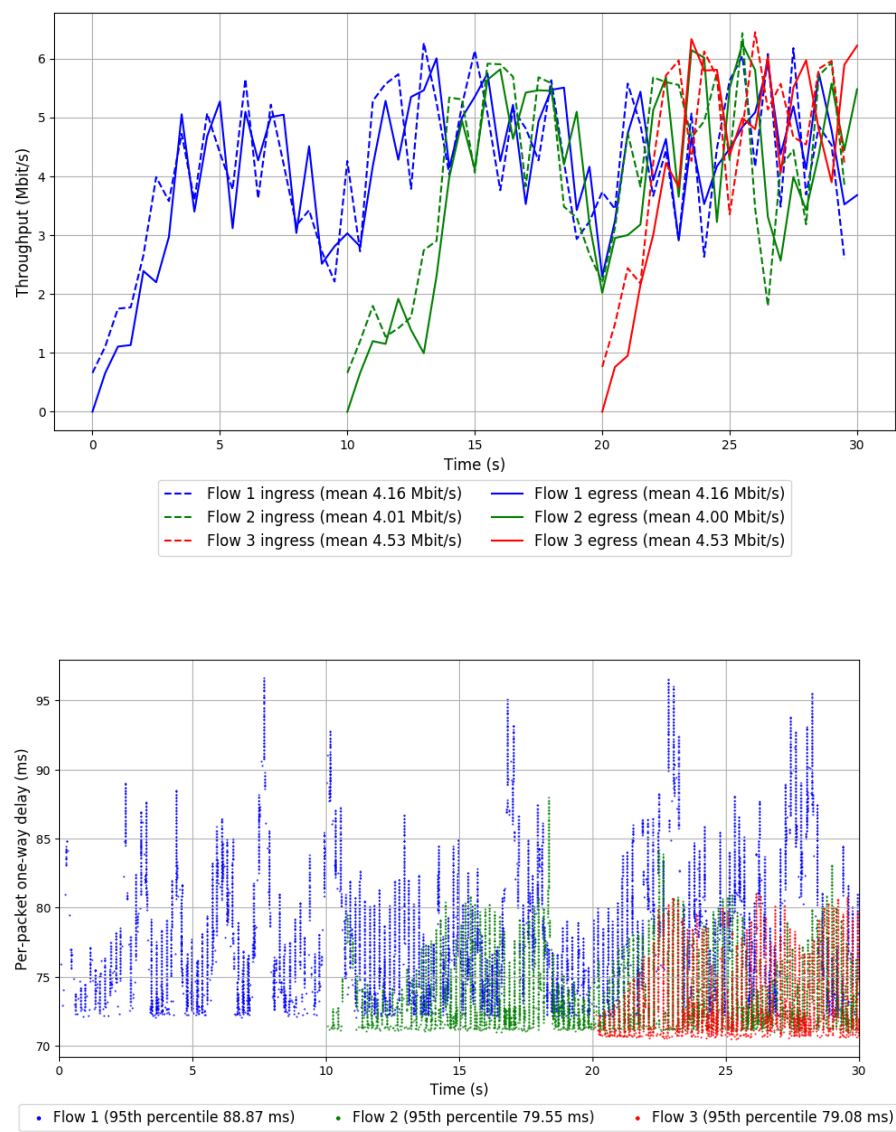


Run 5: Statistics of Sprout

Start at: 2019-10-03 00:39:36
End at: 2019-10-03 00:40:06
Local clock offset: 4.006 ms
Remote clock offset: 49.385 ms

```
# Below is generated by plot.py at 2019-10-03 01:21:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.31 Mbit/s
95th percentile per-packet one-way delay: 85.922 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 4.16 Mbit/s
95th percentile per-packet one-way delay: 88.868 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 79.549 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 4.53 Mbit/s
95th percentile per-packet one-way delay: 79.084 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

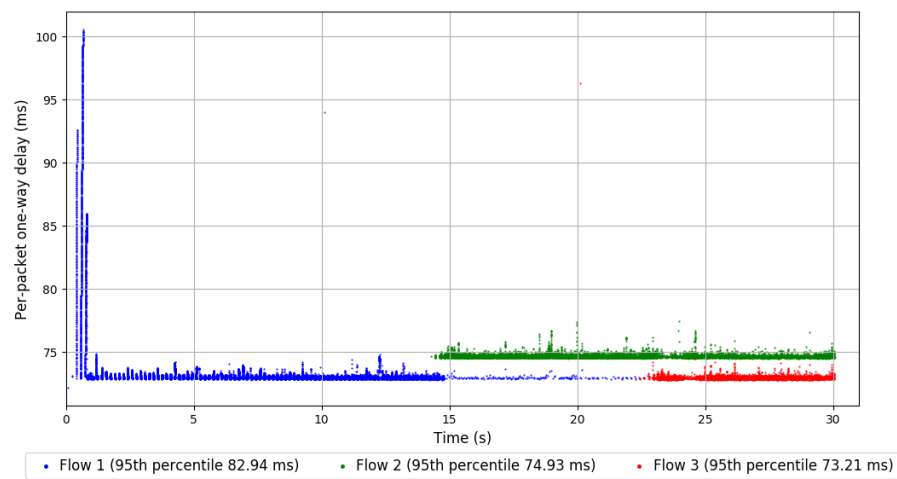
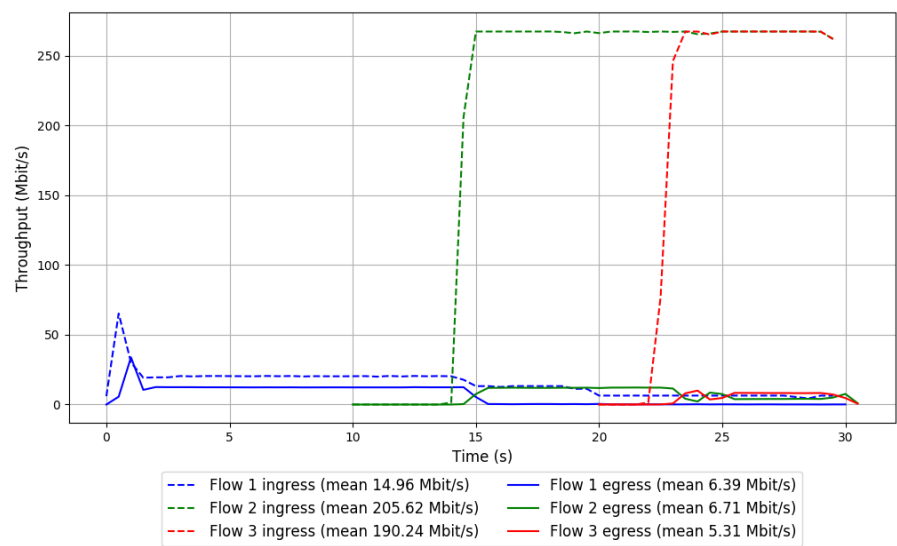


```
Run 1: Statistics of TaoVA-100x

Start at: 2019-10-02 22:54:37
End at: 2019-10-02 22:55:07
Local clock offset: -6.741 ms
Remote clock offset: 39.638 ms

# Below is generated by plot.py at 2019-10-03 01:21:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 75.093 ms
Loss rate: 94.15%
-- Flow 1:
Average throughput: 6.39 Mbit/s
95th percentile per-packet one-way delay: 82.942 ms
Loss rate: 57.43%
-- Flow 2:
Average throughput: 6.71 Mbit/s
95th percentile per-packet one-way delay: 74.926 ms
Loss rate: 96.74%
-- Flow 3:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: 73.206 ms
Loss rate: 97.21%
```

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

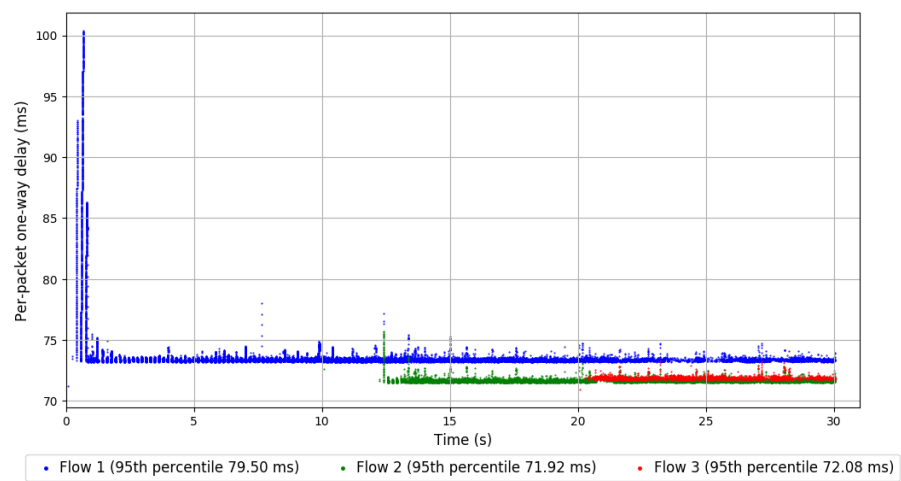
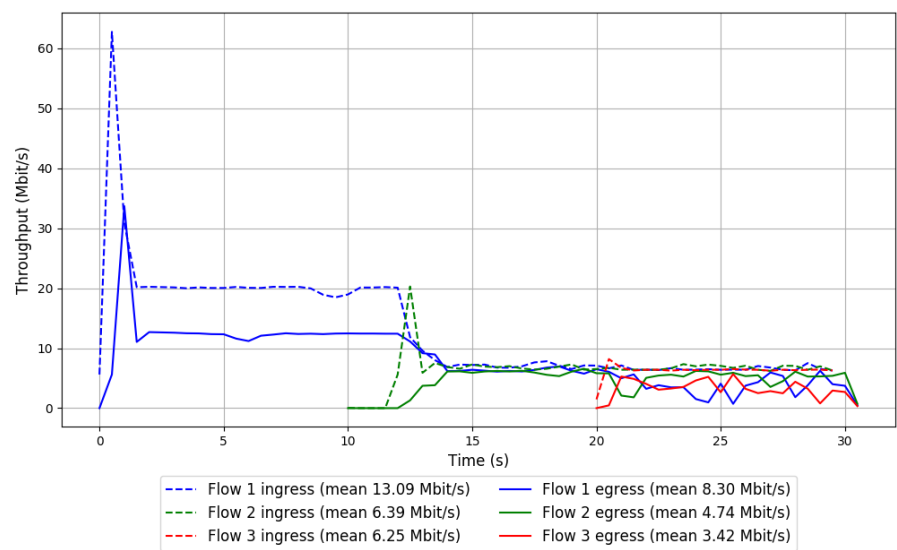


Run 2: Statistics of TaoVA-100x

Start at: 2019-10-02 23:25:02
End at: 2019-10-02 23:25:32
Local clock offset: -7.482 ms
Remote clock offset: 41.624 ms

Below is generated by plot.py at 2019-10-03 01:21:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 74.371 ms
Loss rate: 35.14%
-- Flow 1:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 79.495 ms
Loss rate: 36.55%
-- Flow 2:
Average throughput: 4.74 Mbit/s
95th percentile per-packet one-way delay: 71.919 ms
Loss rate: 25.87%
-- Flow 3:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 72.076 ms
Loss rate: 45.31%

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

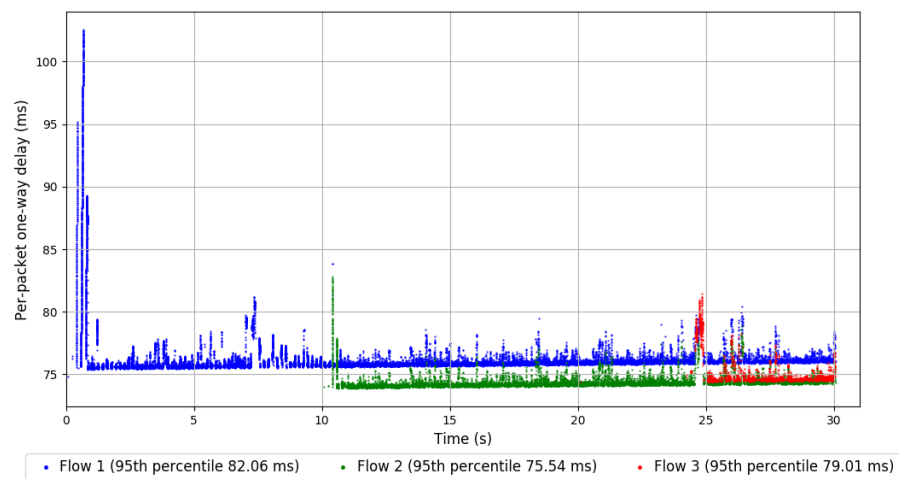
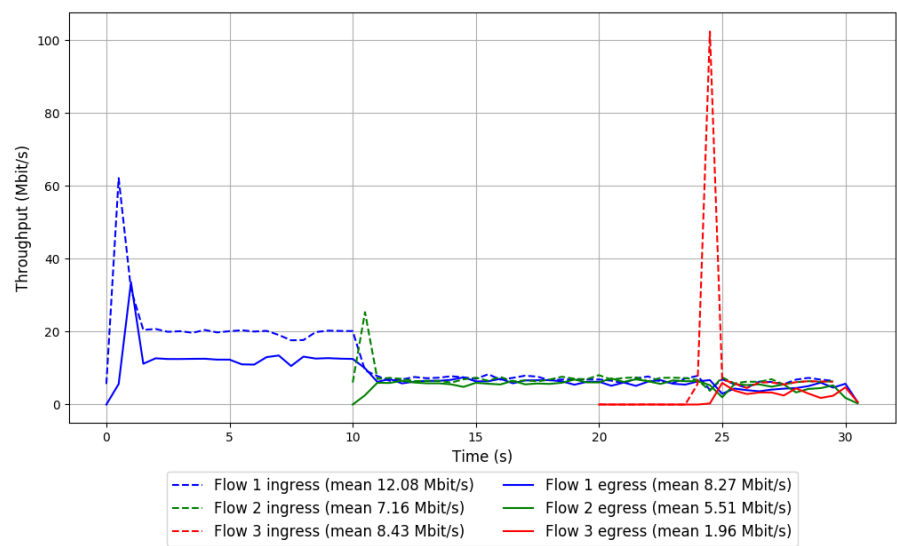


Run 3: Statistics of TaoVA-100x

Start at: 2019-10-02 23:55:22
End at: 2019-10-02 23:55:52
Local clock offset: -5.462 ms
Remote clock offset: 46.873 ms

Below is generated by plot.py at 2019-10-03 01:21:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 79.059 ms
Loss rate: 35.91%
-- Flow 1:
Average throughput: 8.27 Mbit/s
95th percentile per-packet one-way delay: 82.065 ms
Loss rate: 31.51%
-- Flow 2:
Average throughput: 5.51 Mbit/s
95th percentile per-packet one-way delay: 75.536 ms
Loss rate: 23.09%
-- Flow 3:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 79.012 ms
Loss rate: 76.72%

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

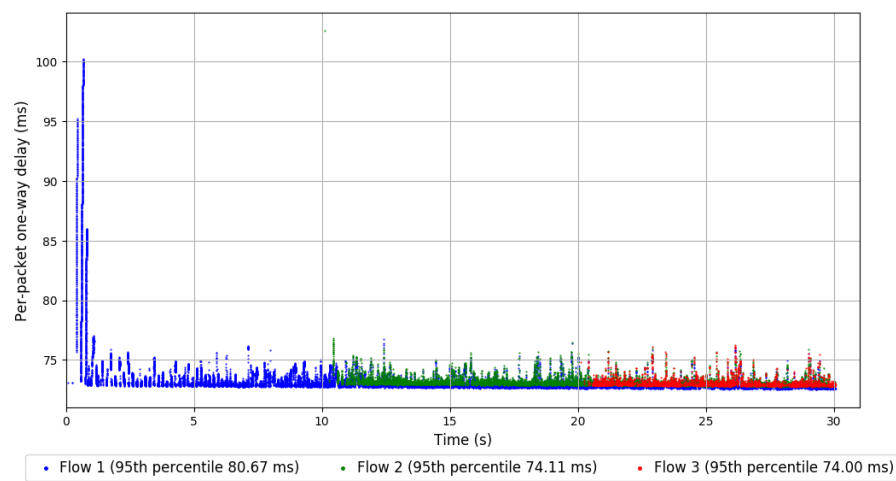
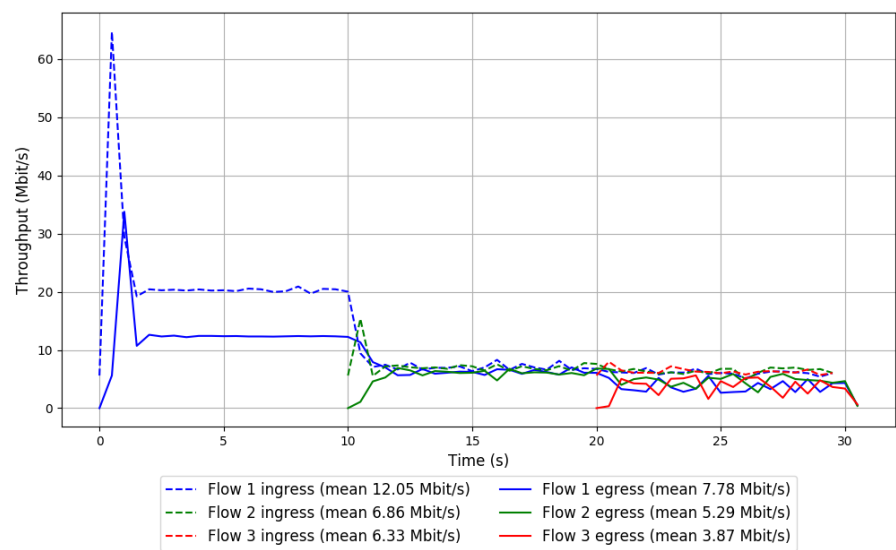


Run 4: Statistics of TaoVA-100x

Start at: 2019-10-03 00:25:40
End at: 2019-10-03 00:26:10
Local clock offset: 7.623 ms
Remote clock offset: 49.793 ms

Below is generated by plot.py at 2019-10-03 01:21:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.58 Mbit/s
95th percentile per-packet one-way delay: 75.255 ms
Loss rate: 32.81%
-- Flow 1:
Average throughput: 7.78 Mbit/s
95th percentile per-packet one-way delay: 80.669 ms
Loss rate: 35.43%
-- Flow 2:
Average throughput: 5.29 Mbit/s
95th percentile per-packet one-way delay: 74.115 ms
Loss rate: 23.12%
-- Flow 3:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 73.997 ms
Loss rate: 38.82%

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

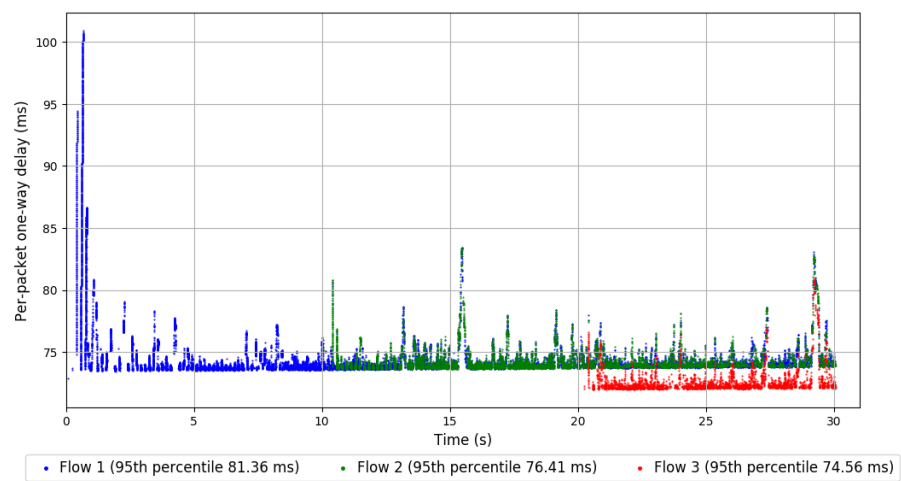
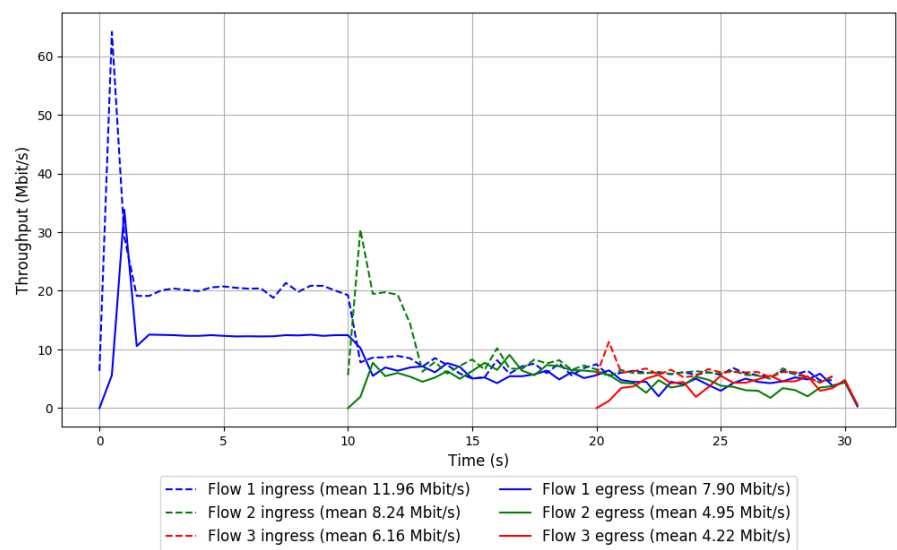


Run 5: Statistics of TaoVA-100x

Start at: 2019-10-03 00:55:59
End at: 2019-10-03 00:56:29
Local clock offset: 4.941 ms
Remote clock offset: 51.139 ms

Below is generated by plot.py at 2019-10-03 01:21:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 78.173 ms
Loss rate: 35.37%
-- Flow 1:
Average throughput: 7.90 Mbit/s
95th percentile per-packet one-way delay: 81.361 ms
Loss rate: 33.96%
-- Flow 2:
Average throughput: 4.95 Mbit/s
95th percentile per-packet one-way delay: 76.405 ms
Loss rate: 39.91%
-- Flow 3:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 74.560 ms
Loss rate: 31.45%

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

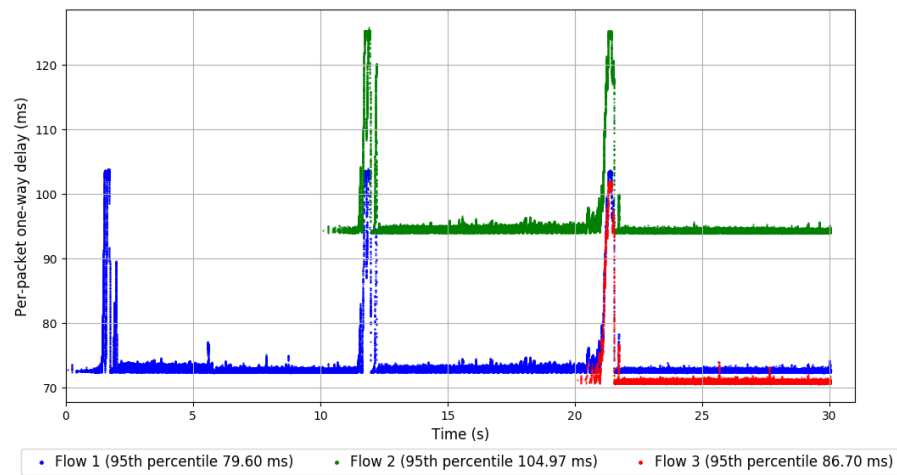
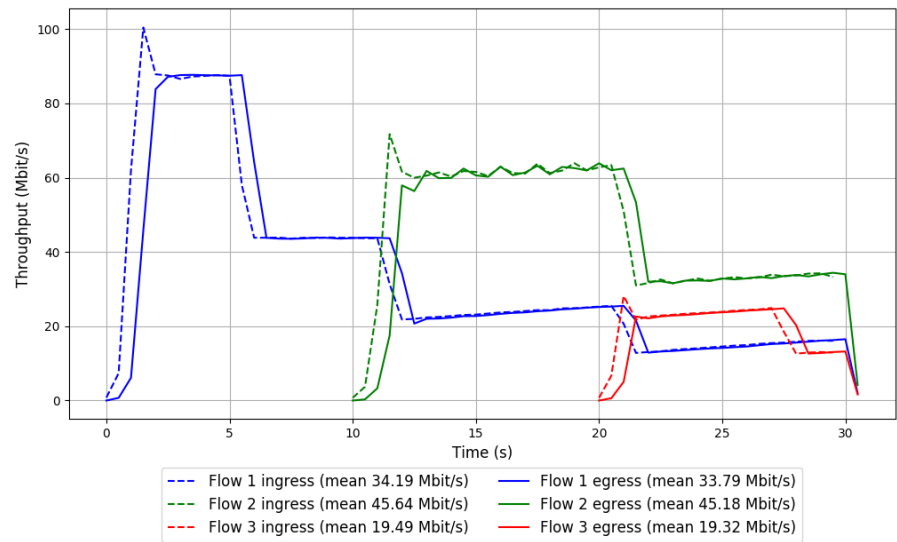


Run 1: Statistics of TCP Vegas

Start at: 2019-10-02 22:43:15
End at: 2019-10-02 22:43:45
Local clock offset: -6.647 ms
Remote clock offset: 36.846 ms

Below is generated by plot.py at 2019-10-03 01:22:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.27 Mbit/s
95th percentile per-packet one-way delay: 96.340 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 33.79 Mbit/s
95th percentile per-packet one-way delay: 79.601 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 45.18 Mbit/s
95th percentile per-packet one-way delay: 104.974 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 19.32 Mbit/s
95th percentile per-packet one-way delay: 86.697 ms
Loss rate: 0.85%

Run 1: Report of TCP Vegas — Data Link

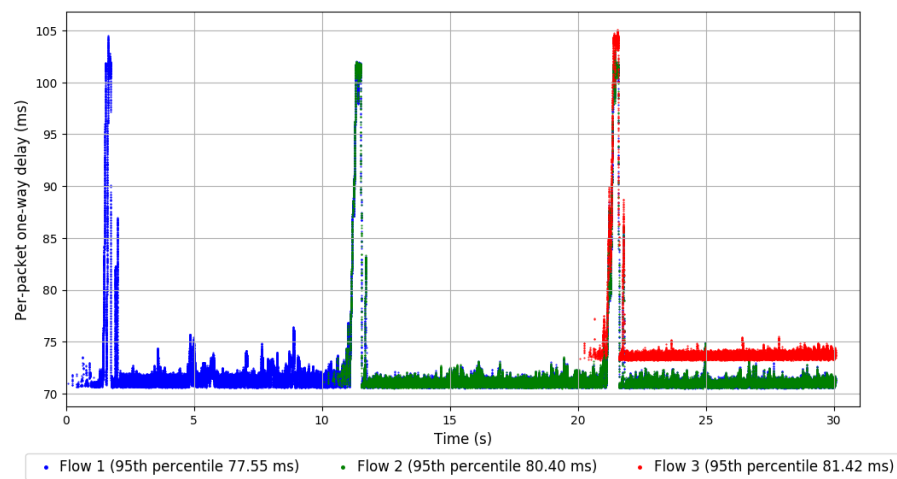
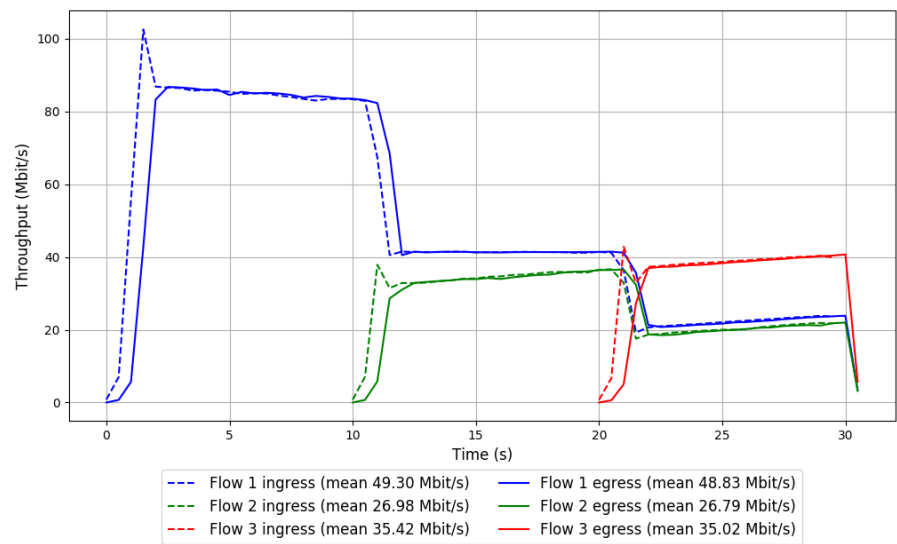


Run 2: Statistics of TCP Vegas

Start at: 2019-10-02 23:13:39
End at: 2019-10-02 23:14:09
Local clock offset: -7.083 ms
Remote clock offset: 40.289 ms

Below is generated by plot.py at 2019-10-03 01:22:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.31 Mbit/s
95th percentile per-packet one-way delay: 78.636 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 48.83 Mbit/s
95th percentile per-packet one-way delay: 77.545 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 26.79 Mbit/s
95th percentile per-packet one-way delay: 80.400 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 35.02 Mbit/s
95th percentile per-packet one-way delay: 81.416 ms
Loss rate: 1.15%

Run 2: Report of TCP Vegas — Data Link

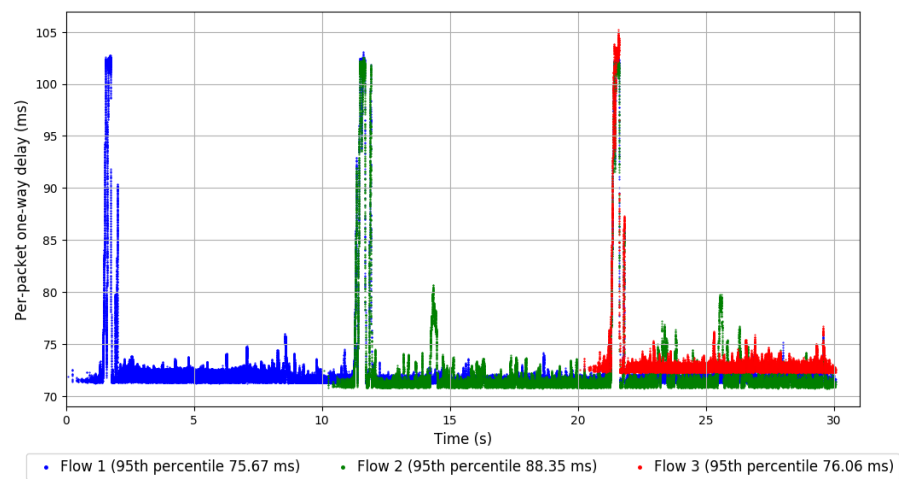
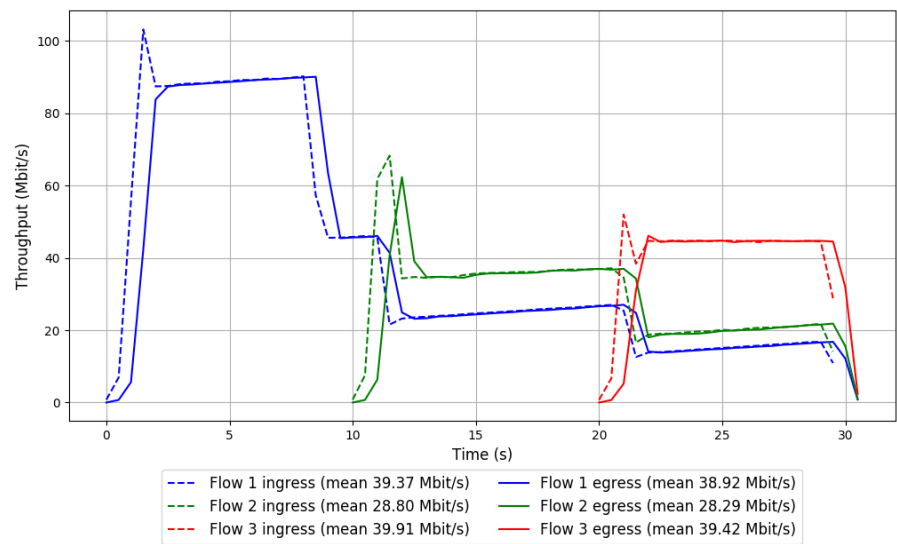


Run 3: Statistics of TCP Vegas

Start at: 2019-10-02 23:44:01
End at: 2019-10-02 23:44:31
Local clock offset: -6.19 ms
Remote clock offset: 43.778 ms

Below is generated by plot.py at 2019-10-03 01:22:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.89 Mbit/s
95th percentile per-packet one-way delay: 79.106 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 38.92 Mbit/s
95th percentile per-packet one-way delay: 75.667 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 28.29 Mbit/s
95th percentile per-packet one-way delay: 88.347 ms
Loss rate: 1.79%
-- Flow 3:
Average throughput: 39.42 Mbit/s
95th percentile per-packet one-way delay: 76.065 ms
Loss rate: 1.23%

Run 3: Report of TCP Vegas — Data Link

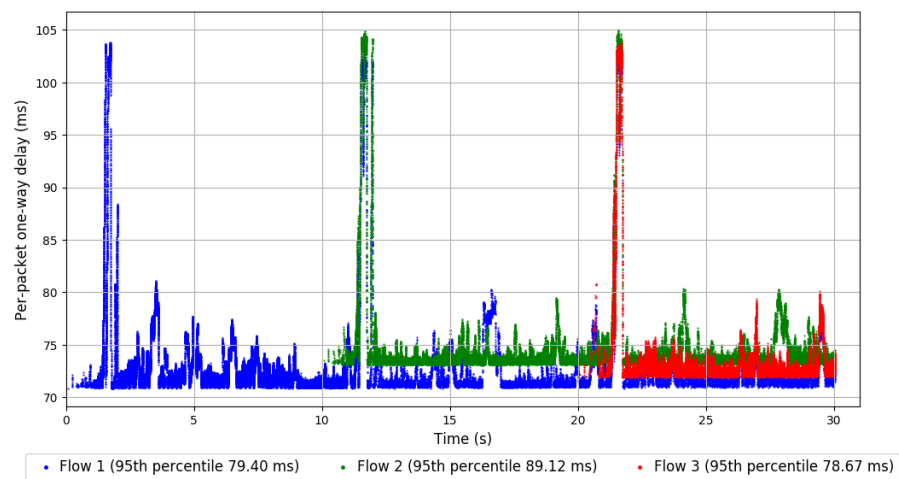
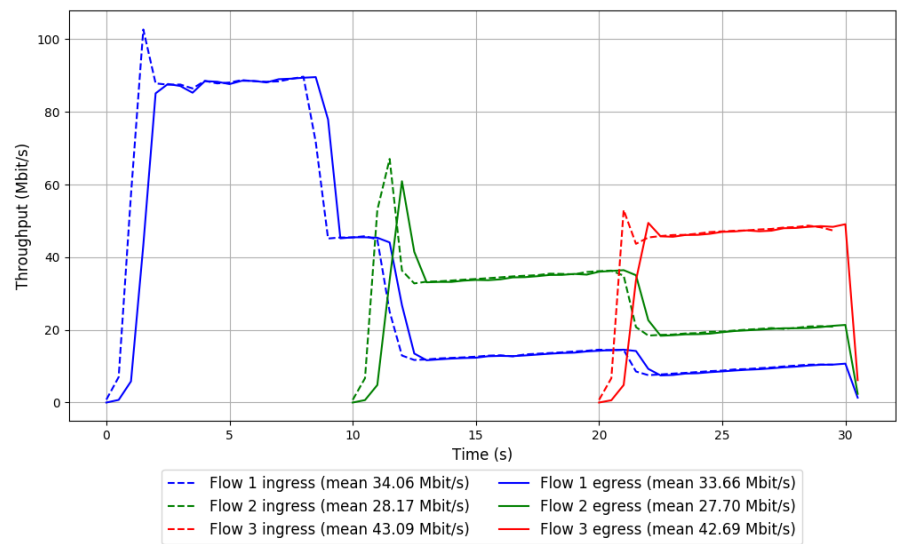


Run 4: Statistics of TCP Vegas

Start at: 2019-10-03 00:14:19
End at: 2019-10-03 00:14:49
Local clock offset: 5.869 ms
Remote clock offset: 46.748 ms

Below is generated by plot.py at 2019-10-03 01:22:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.30 Mbit/s
95th percentile per-packet one-way delay: 80.442 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 33.66 Mbit/s
95th percentile per-packet one-way delay: 79.396 ms
Loss rate: 1.17%
-- Flow 2:
Average throughput: 27.70 Mbit/s
95th percentile per-packet one-way delay: 89.116 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 42.69 Mbit/s
95th percentile per-packet one-way delay: 78.665 ms
Loss rate: 0.92%

Run 4: Report of TCP Vegas — Data Link

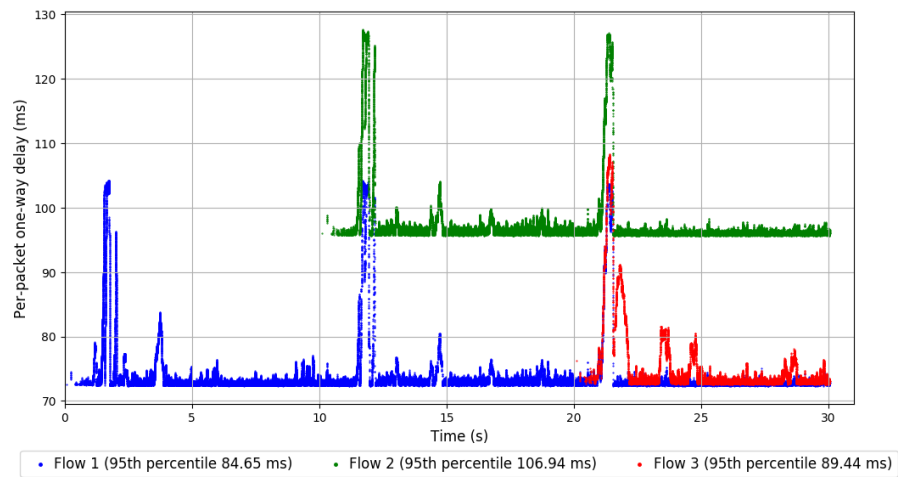
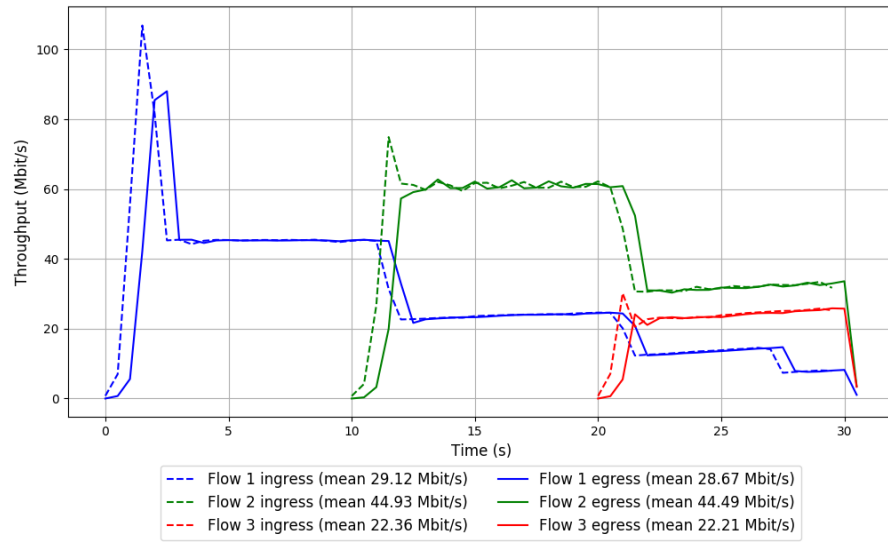


Run 5: Statistics of TCP Vegas

Start at: 2019-10-03 00:44:38
End at: 2019-10-03 00:45:08
Local clock offset: 3.819 ms
Remote clock offset: 51.774 ms

Below is generated by plot.py at 2019-10-03 01:22:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.65 Mbit/s
95th percentile per-packet one-way delay: 99.348 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 28.67 Mbit/s
95th percentile per-packet one-way delay: 84.650 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 44.49 Mbit/s
95th percentile per-packet one-way delay: 106.942 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 22.21 Mbit/s
95th percentile per-packet one-way delay: 89.440 ms
Loss rate: 0.73%

Run 5: Report of TCP Vegas — Data Link

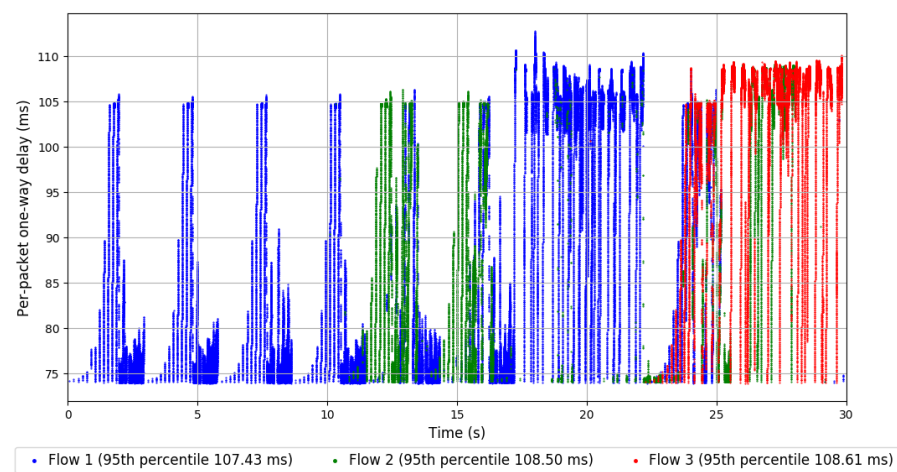
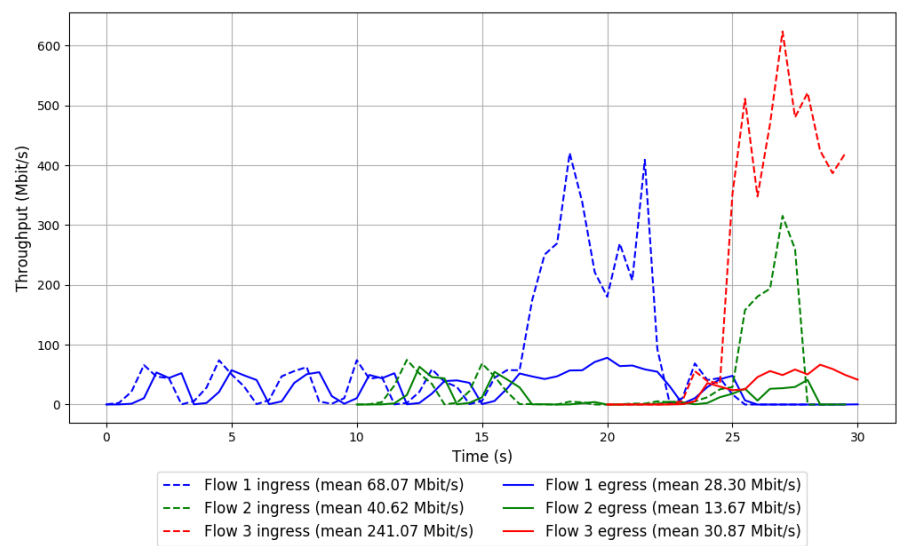


Run 1: Statistics of Verus

Start at: 2019-10-02 22:41:58
End at: 2019-10-02 22:42:28
Local clock offset: -6.674 ms
Remote clock offset: 38.307 ms

Below is generated by plot.py at 2019-10-03 01:22:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.08 Mbit/s
95th percentile per-packet one-way delay: 108.483 ms
Loss rate: 72.73%
-- Flow 1:
Average throughput: 28.30 Mbit/s
95th percentile per-packet one-way delay: 107.433 ms
Loss rate: 58.43%
-- Flow 2:
Average throughput: 13.67 Mbit/s
95th percentile per-packet one-way delay: 108.496 ms
Loss rate: 66.68%
-- Flow 3:
Average throughput: 30.87 Mbit/s
95th percentile per-packet one-way delay: 108.613 ms
Loss rate: 87.19%

Run 1: Report of Verus — Data Link

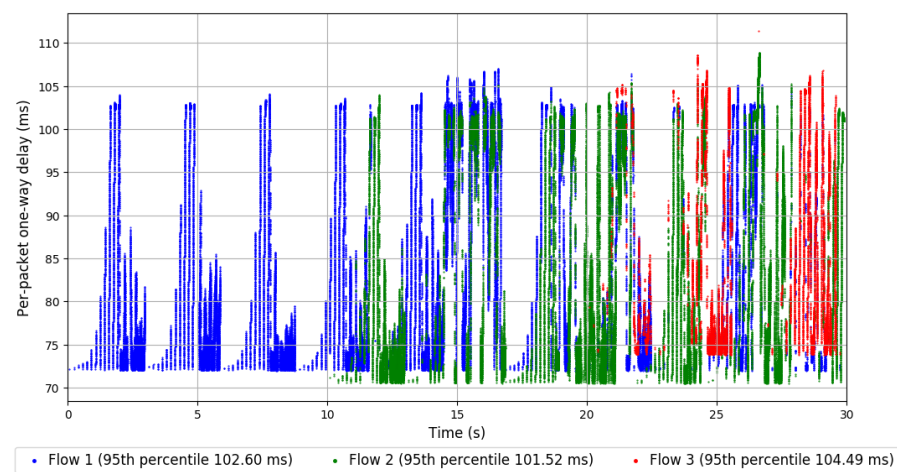
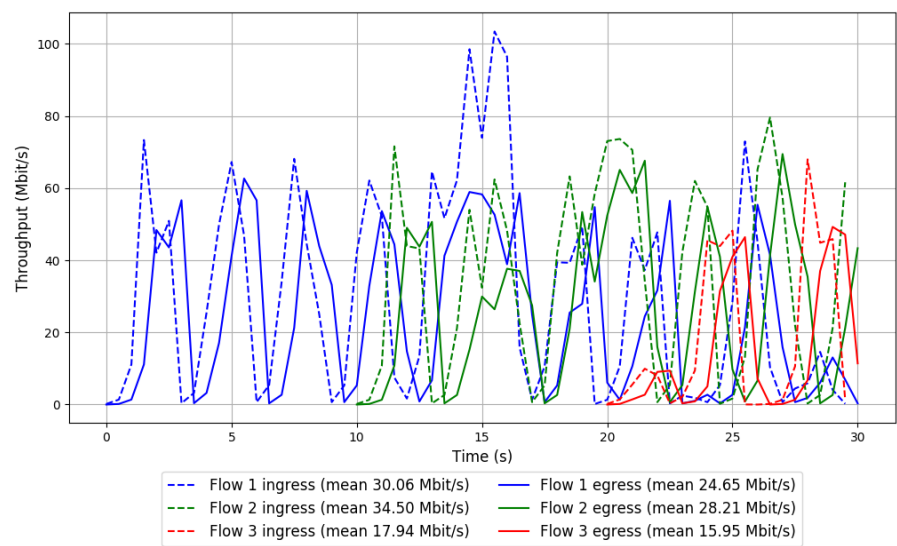


Run 2: Statistics of Verus

Start at: 2019-10-02 23:12:23
End at: 2019-10-02 23:12:53
Local clock offset: -7.043 ms
Remote clock offset: 39.907 ms

Below is generated by plot.py at 2019-10-03 01:22:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.41 Mbit/s
95th percentile per-packet one-way delay: 102.585 ms
Loss rate: 17.37%
-- Flow 1:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 102.600 ms
Loss rate: 18.01%
-- Flow 2:
Average throughput: 28.21 Mbit/s
95th percentile per-packet one-way delay: 101.520 ms
Loss rate: 18.11%
-- Flow 3:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 104.488 ms
Loss rate: 11.16%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-10-02 23:42:43

End at: 2019-10-02 23:43:13

Local clock offset: -6.23 ms

Remote clock offset: 45.18 ms

Below is generated by plot.py at 2019-10-03 01:23:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 50.65 Mbit/s

95th percentile per-packet one-way delay: 127.566 ms

Loss rate: 77.62%

-- Flow 1:

Average throughput: 19.29 Mbit/s

95th percentile per-packet one-way delay: 131.608 ms

Loss rate: 54.25%

-- Flow 2:

Average throughput: 34.38 Mbit/s

95th percentile per-packet one-way delay: 117.290 ms

Loss rate: 80.17%

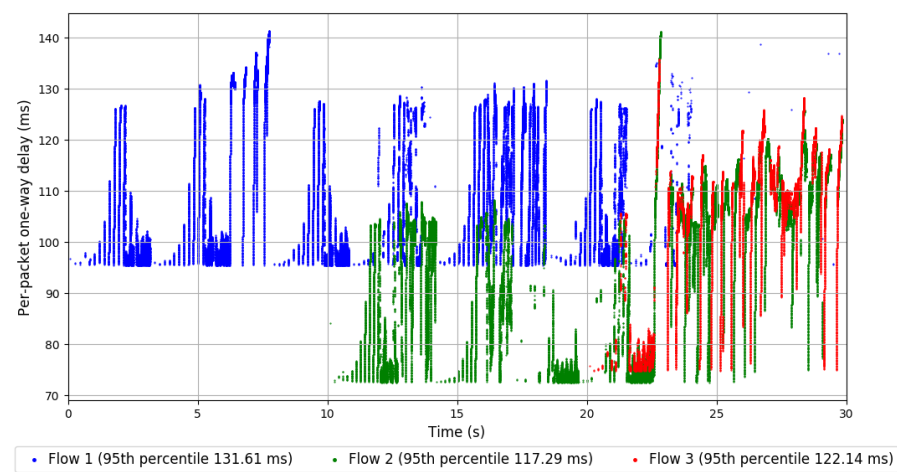
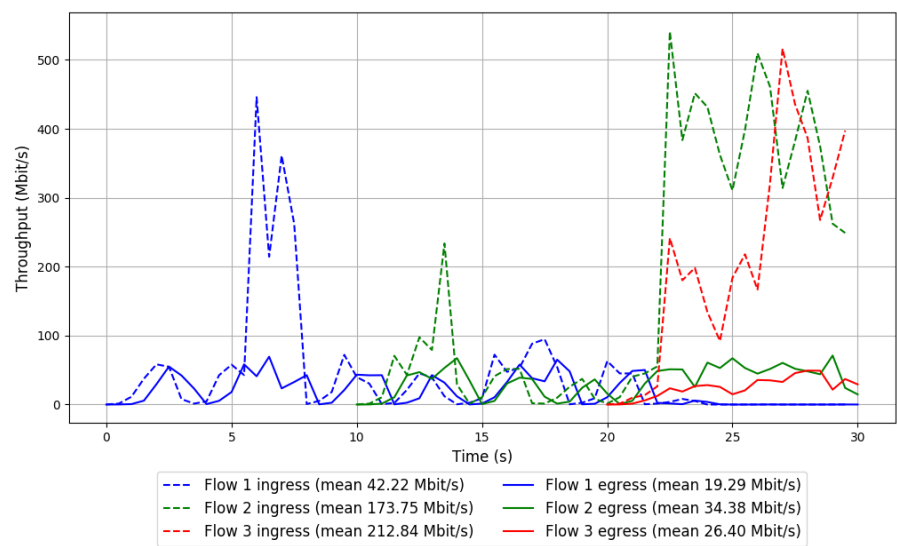
-- Flow 3:

Average throughput: 26.40 Mbit/s

95th percentile per-packet one-way delay: 122.139 ms

Loss rate: 87.54%

Run 3: Report of Verus — Data Link

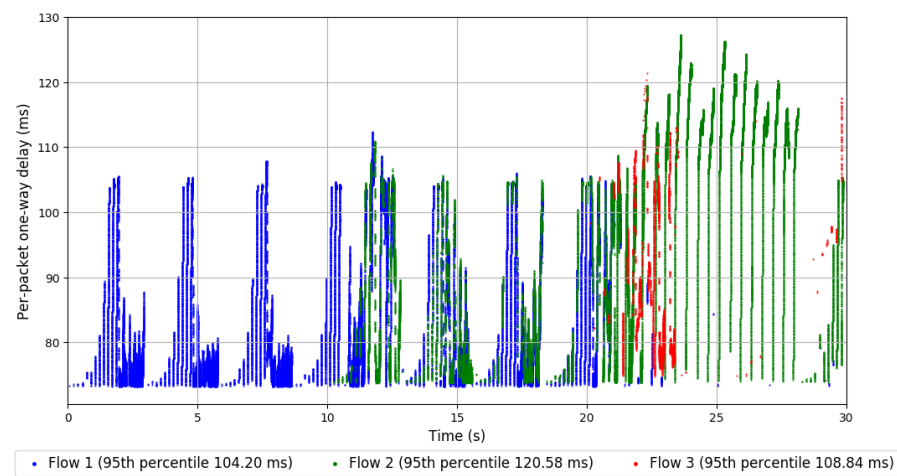
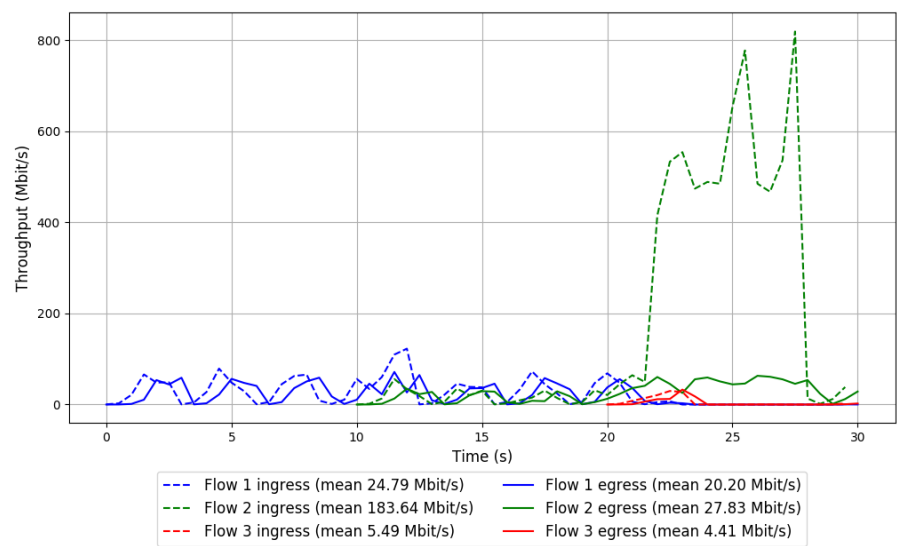


Run 4: Statistics of Verus

Start at: 2019-10-03 00:13:02
End at: 2019-10-03 00:13:32
Local clock offset: 5.51 ms
Remote clock offset: 48.526 ms

Below is generated by plot.py at 2019-10-03 01:23:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 40.12 Mbit/s
95th percentile per-packet one-way delay: 117.932 ms
Loss rate: 72.95%
-- Flow 1:
Average throughput: 20.20 Mbit/s
95th percentile per-packet one-way delay: 104.204 ms
Loss rate: 18.42%
-- Flow 2:
Average throughput: 27.83 Mbit/s
95th percentile per-packet one-way delay: 120.585 ms
Loss rate: 84.82%
-- Flow 3:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 108.841 ms
Loss rate: 19.45%

Run 4: Report of Verus — Data Link

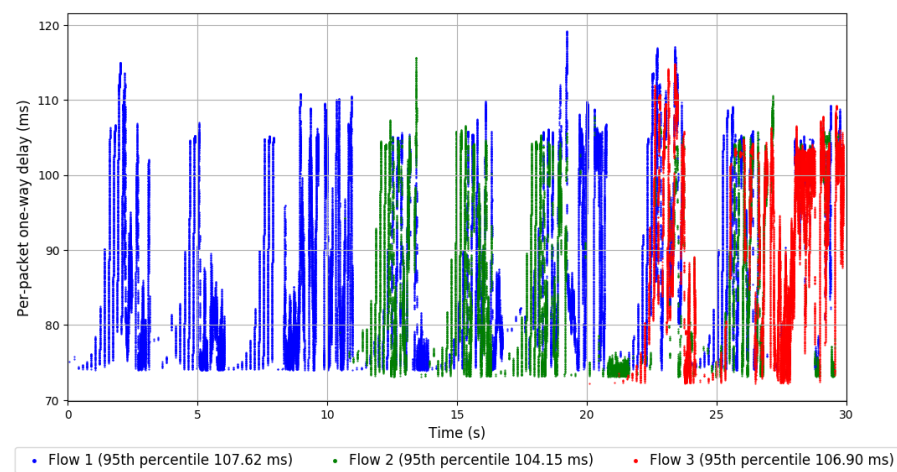
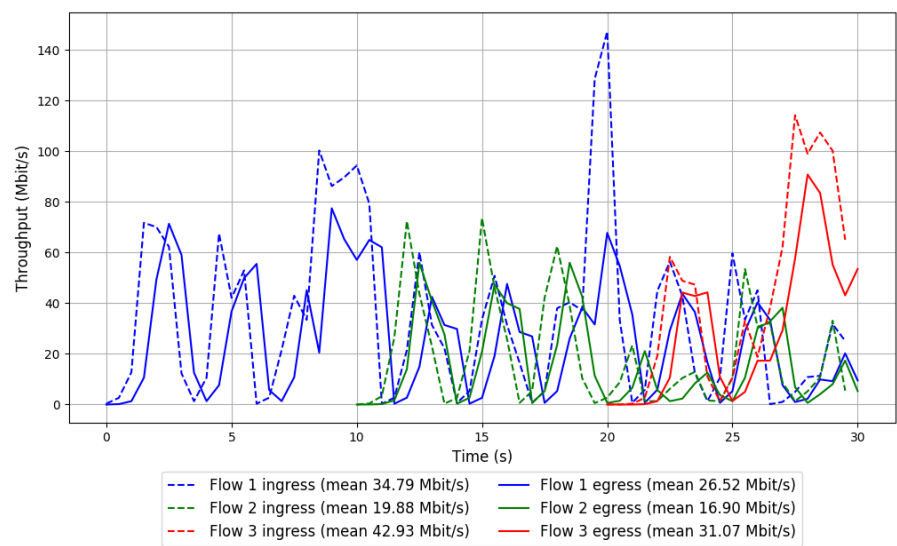


Run 5: Statistics of Verus

Start at: 2019-10-03 00:43:22
End at: 2019-10-03 00:43:52
Local clock offset: 3.816 ms
Remote clock offset: 49.701 ms

Below is generated by plot.py at 2019-10-03 01:23:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.49 Mbit/s
95th percentile per-packet one-way delay: 106.394 ms
Loss rate: 22.71%
-- Flow 1:
Average throughput: 26.52 Mbit/s
95th percentile per-packet one-way delay: 107.619 ms
Loss rate: 23.71%
-- Flow 2:
Average throughput: 16.90 Mbit/s
95th percentile per-packet one-way delay: 104.146 ms
Loss rate: 14.87%
-- Flow 3:
Average throughput: 31.07 Mbit/s
95th percentile per-packet one-way delay: 106.903 ms
Loss rate: 27.39%

Run 5: Report of Verus — Data Link

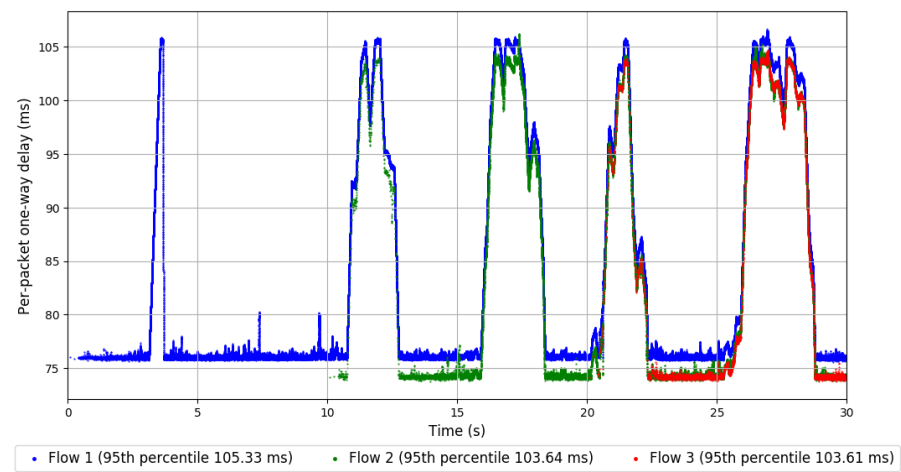
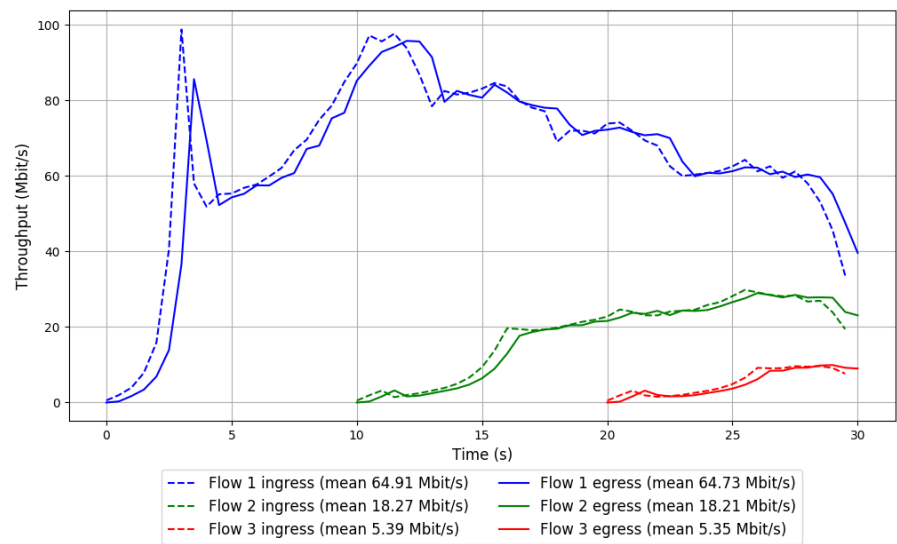


Run 1: Statistics of PCC-Vivace

Start at: 2019-10-02 23:06:00
End at: 2019-10-02 23:06:30
Local clock offset: -6.89 ms
Remote clock offset: 41.127 ms

Below is generated by plot.py at 2019-10-03 01:23:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.61 Mbit/s
95th percentile per-packet one-way delay: 105.161 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 64.73 Mbit/s
95th percentile per-packet one-way delay: 105.329 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 18.21 Mbit/s
95th percentile per-packet one-way delay: 103.635 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 5.35 Mbit/s
95th percentile per-packet one-way delay: 103.612 ms
Loss rate: 0.77%

Run 1: Report of PCC-Vivace — Data Link

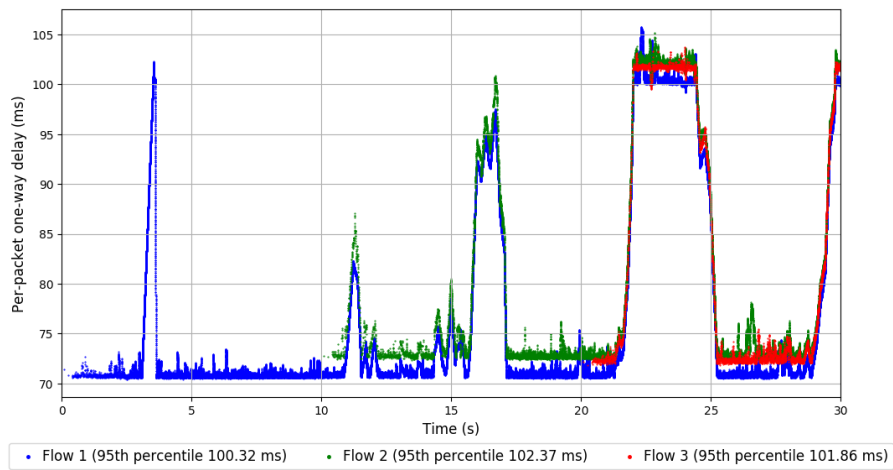
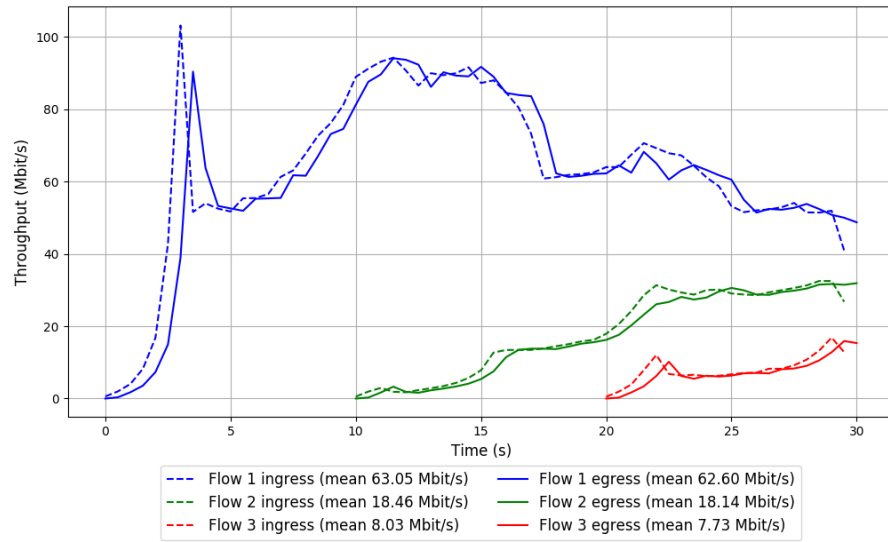


Run 2: Statistics of PCC-Vivace

Start at: 2019-10-02 23:36:22
End at: 2019-10-02 23:36:52
Local clock offset: -6.383 ms
Remote clock offset: 42.688 ms

Below is generated by plot.py at 2019-10-03 01:23:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.23 Mbit/s
95th percentile per-packet one-way delay: 101.517 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 62.60 Mbit/s
95th percentile per-packet one-way delay: 100.317 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 18.14 Mbit/s
95th percentile per-packet one-way delay: 102.370 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 7.73 Mbit/s
95th percentile per-packet one-way delay: 101.856 ms
Loss rate: 3.42%

Run 2: Report of PCC-Vivace — Data Link

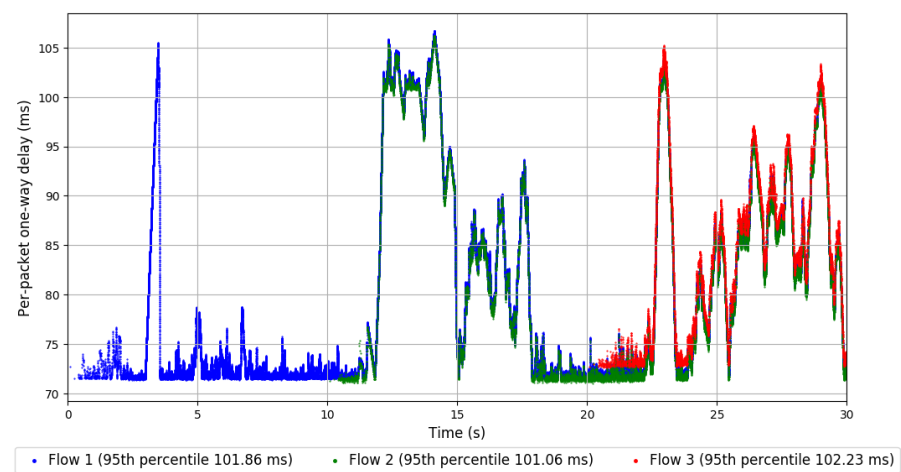
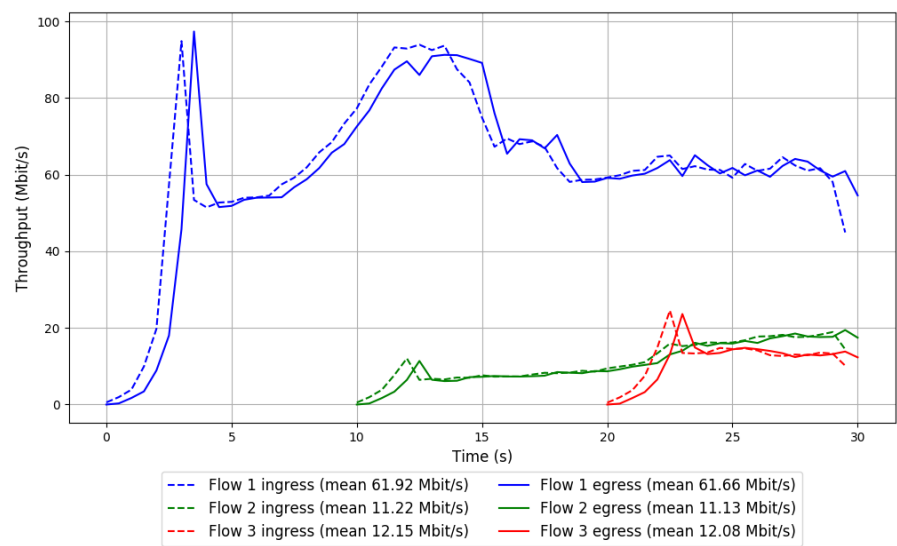


Run 3: Statistics of PCC-Vivace

Start at: 2019-10-03 00:06:42
End at: 2019-10-03 00:07:12
Local clock offset: 3.197 ms
Remote clock offset: 45.709 ms

Below is generated by plot.py at 2019-10-03 01:23:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.05 Mbit/s
95th percentile per-packet one-way delay: 101.796 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 61.66 Mbit/s
95th percentile per-packet one-way delay: 101.859 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 11.13 Mbit/s
95th percentile per-packet one-way delay: 101.062 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 102.231 ms
Loss rate: 0.56%

Run 3: Report of PCC-Vivace — Data Link

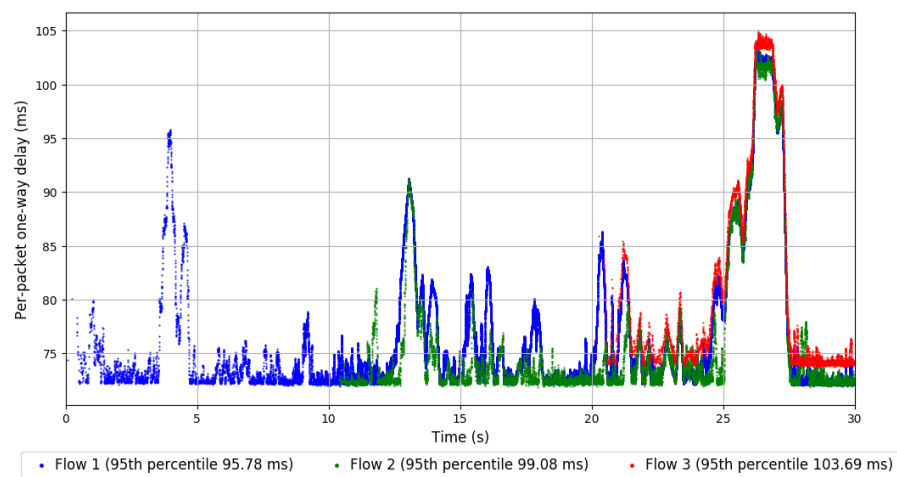
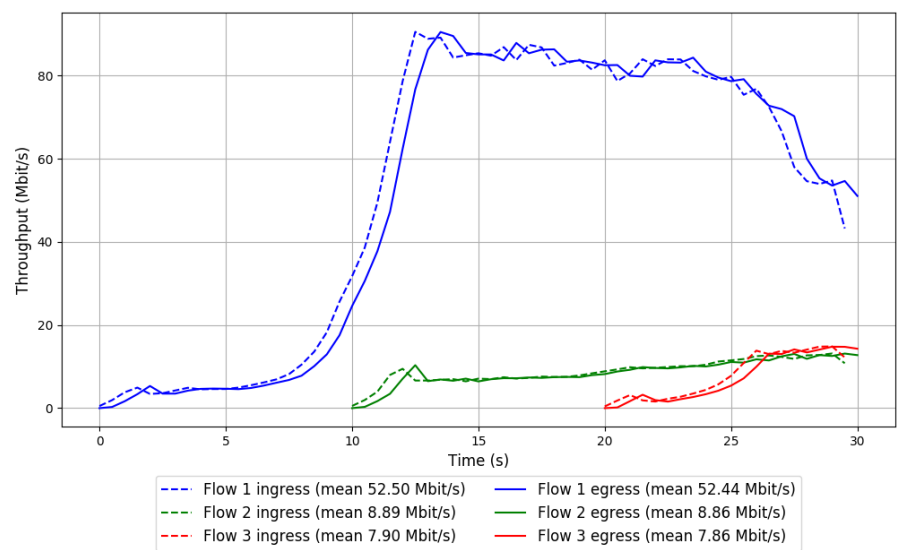


Run 4: Statistics of PCC-Vivace

Start at: 2019-10-03 00:37:02
End at: 2019-10-03 00:37:32
Local clock offset: 4.242 ms
Remote clock offset: 49.138 ms

Below is generated by plot.py at 2019-10-03 01:23:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.92 Mbit/s
95th percentile per-packet one-way delay: 97.330 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 52.44 Mbit/s
95th percentile per-packet one-way delay: 95.780 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 8.86 Mbit/s
95th percentile per-packet one-way delay: 99.082 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 7.86 Mbit/s
95th percentile per-packet one-way delay: 103.690 ms
Loss rate: 0.57%

Run 4: Report of PCC-Vivace — Data Link

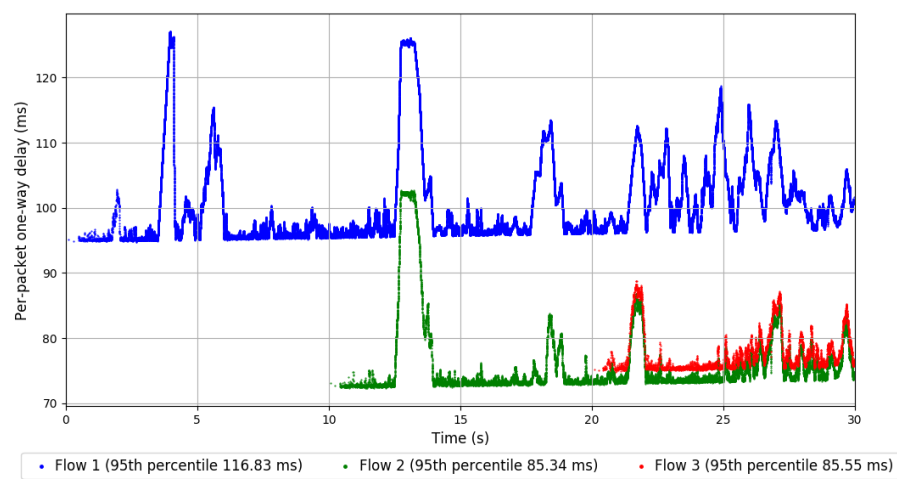
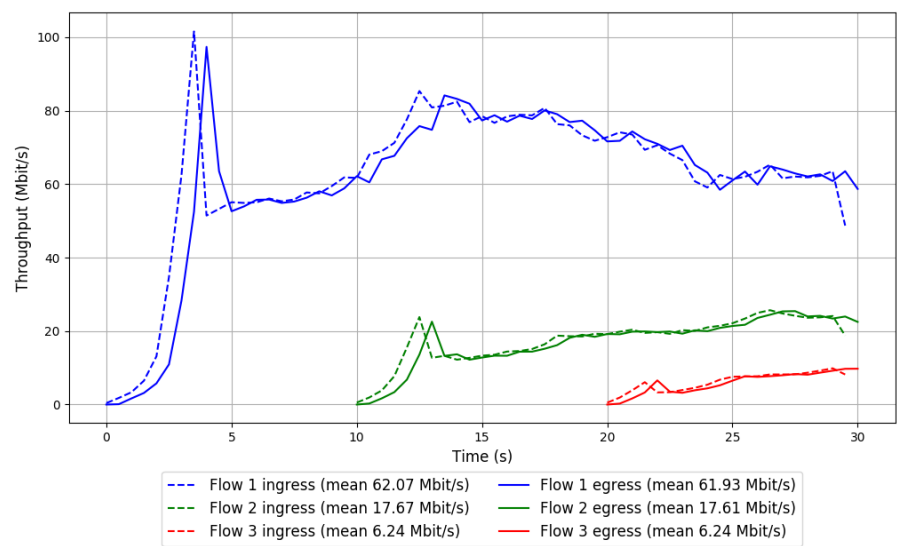


Run 5: Statistics of PCC-Vivace

Start at: 2019-10-03 01:07:20
End at: 2019-10-03 01:07:50
Local clock offset: 11.103 ms
Remote clock offset: 15.476 ms

```
# Below is generated by plot.py at 2019-10-03 01:23:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.71 Mbit/s
95th percentile per-packet one-way delay: 114.021 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 61.93 Mbit/s
95th percentile per-packet one-way delay: 116.832 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 17.61 Mbit/s
95th percentile per-packet one-way delay: 85.336 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 6.24 Mbit/s
95th percentile per-packet one-way delay: 85.554 ms
Loss rate: 0.01%
```

Run 5: Report of PCC-Vivace — Data Link

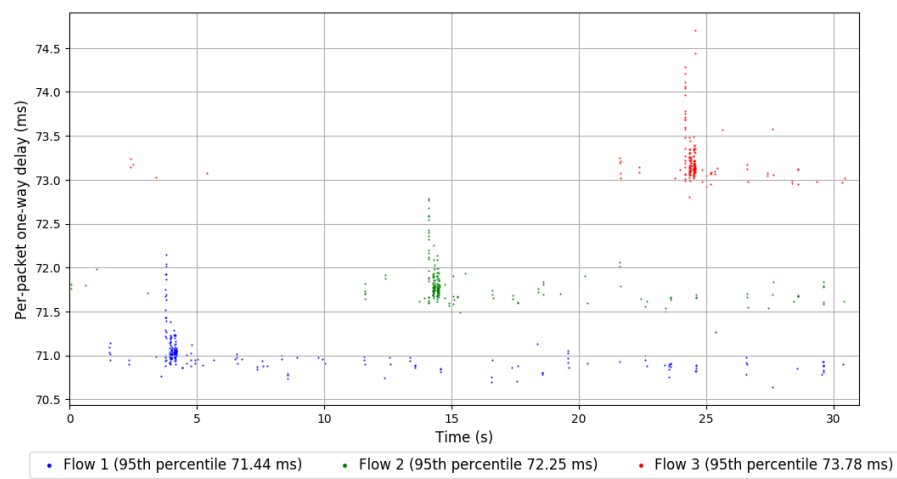
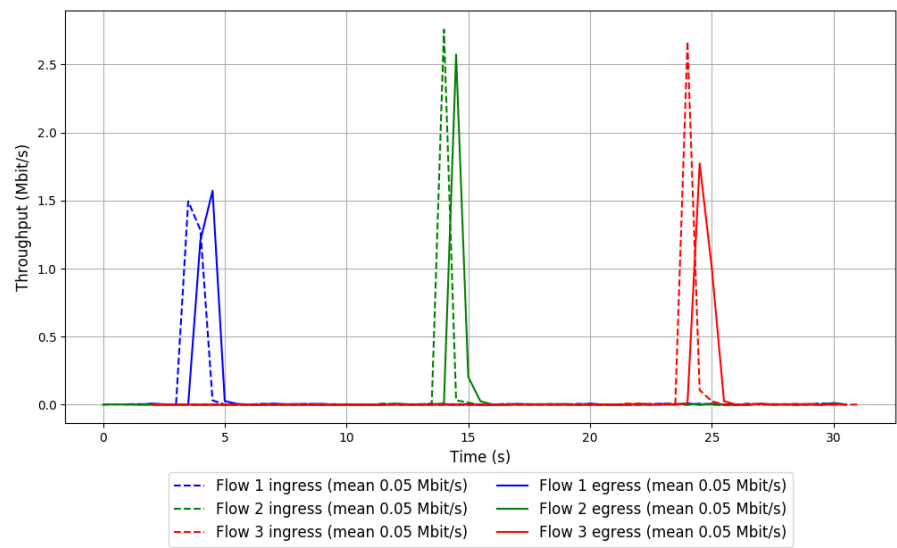


Run 1: Statistics of WebRTC media

Start at: 2019-10-02 22:52:07
End at: 2019-10-02 22:52:37
Local clock offset: -6.679 ms
Remote clock offset: 37.787 ms

Below is generated by plot.py at 2019-10-03 01:23:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 73.332 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 71.436 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 72.252 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 73.782 ms
Loss rate: 0.05%

Run 1: Report of WebRTC media — Data Link

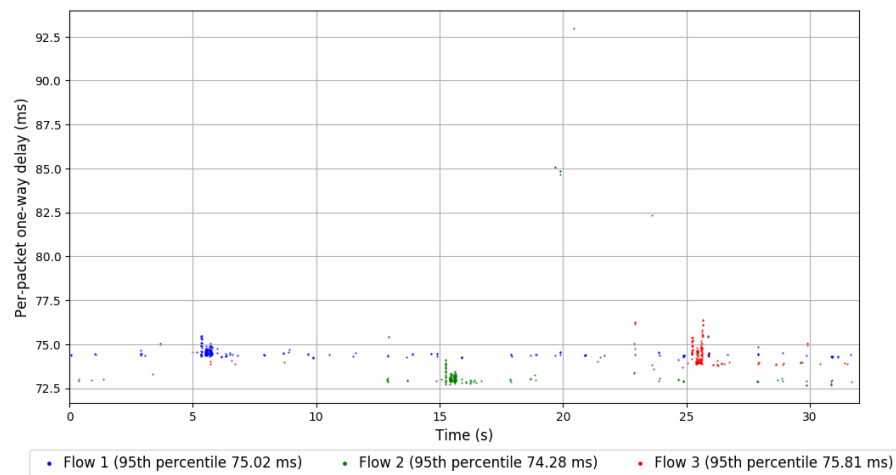
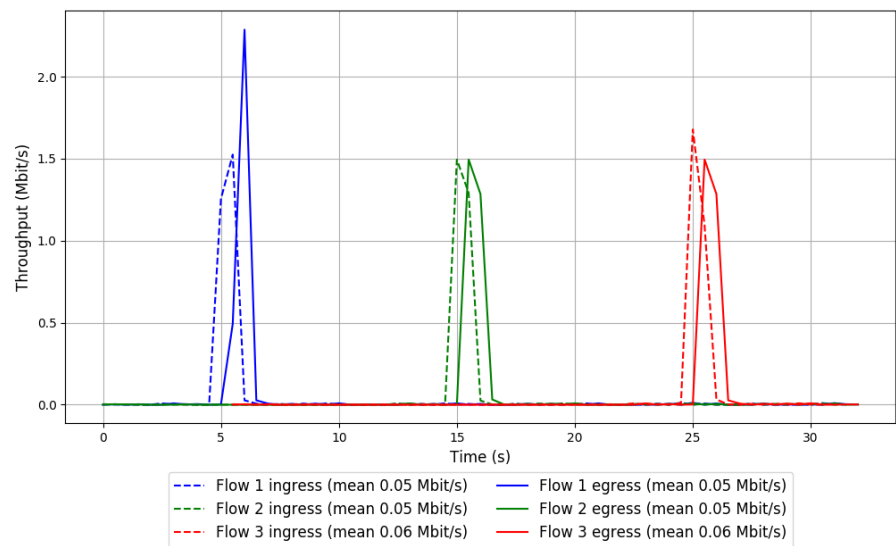


Run 2: Statistics of WebRTC media

Start at: 2019-10-02 23:22:32
End at: 2019-10-02 23:23:02
Local clock offset: -7.416 ms
Remote clock offset: 42.795 ms

Below is generated by plot.py at 2019-10-03 01:23:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 75.363 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 75.024 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 74.275 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 75.809 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

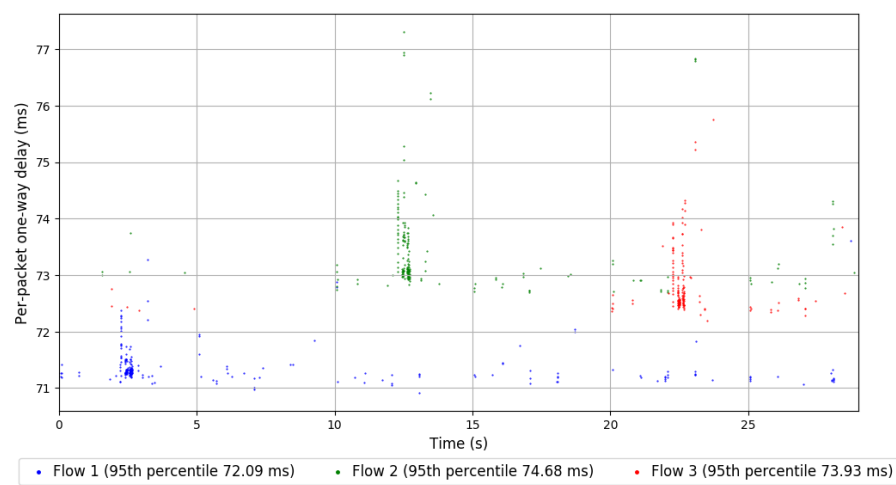
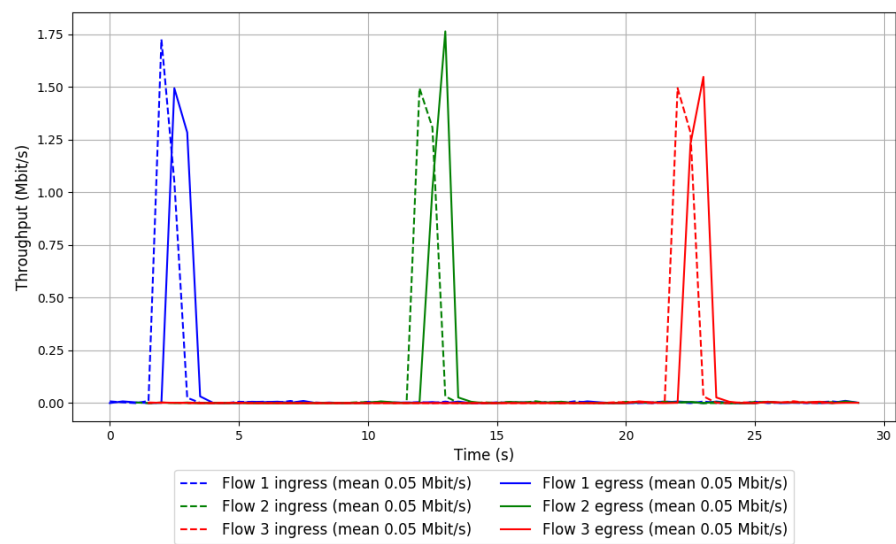


Run 3: Statistics of WebRTC media

Start at: 2019-10-02 23:52:53
End at: 2019-10-02 23:53:23
Local clock offset: -6.195 ms
Remote clock offset: 44.797 ms

Below is generated by plot.py at 2019-10-03 01:23:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 74.179 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 72.091 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 74.677 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 73.933 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

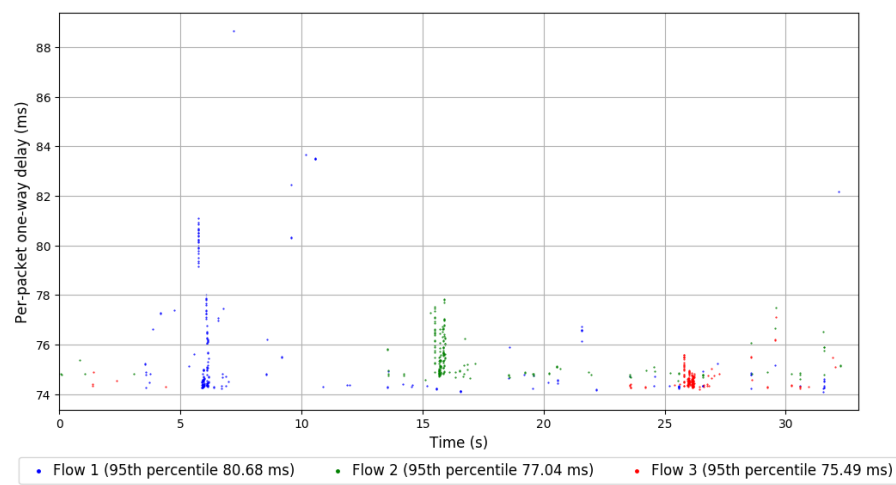
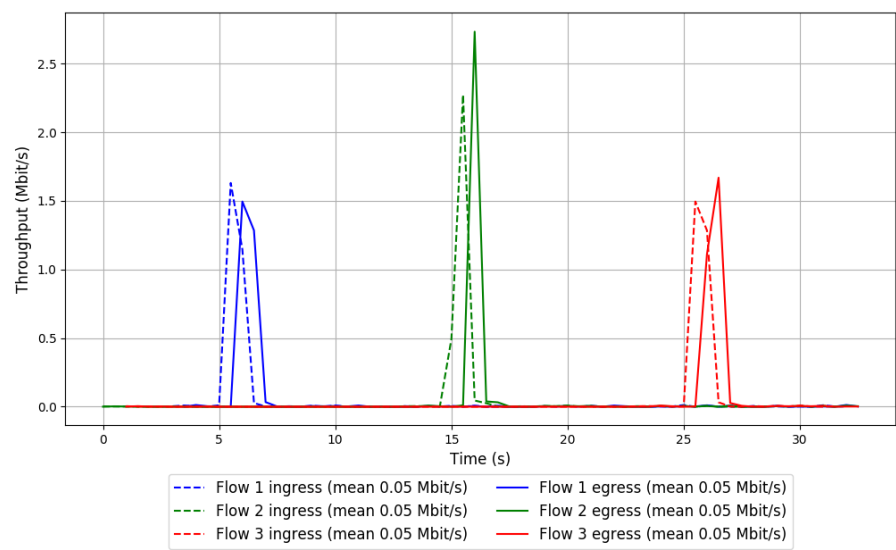


Run 4: Statistics of WebRTC media

Start at: 2019-10-03 00:23:11
End at: 2019-10-03 00:23:41
Local clock offset: 7.795 ms
Remote clock offset: 49.502 ms

Below is generated by plot.py at 2019-10-03 01:23:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 79.519 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 80.679 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 77.038 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 75.492 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-10-03 00:53:30
End at: 2019-10-03 00:54:00
Local clock offset: 3.914 ms
Remote clock offset: 50.577 ms

Below is generated by plot.py at 2019-10-03 01:23:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 76.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 77.753 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 77.172 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 74.894 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

