

Pantheon Report

Generated at 2019-08-27 14:11:42 (UTC).

Data path: India on `em1` (*remote*) → AWS India 1 on `ens5` (*local*).

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 `nets.org.sg` and have been applied to correct the timestamps in logs.

System info:

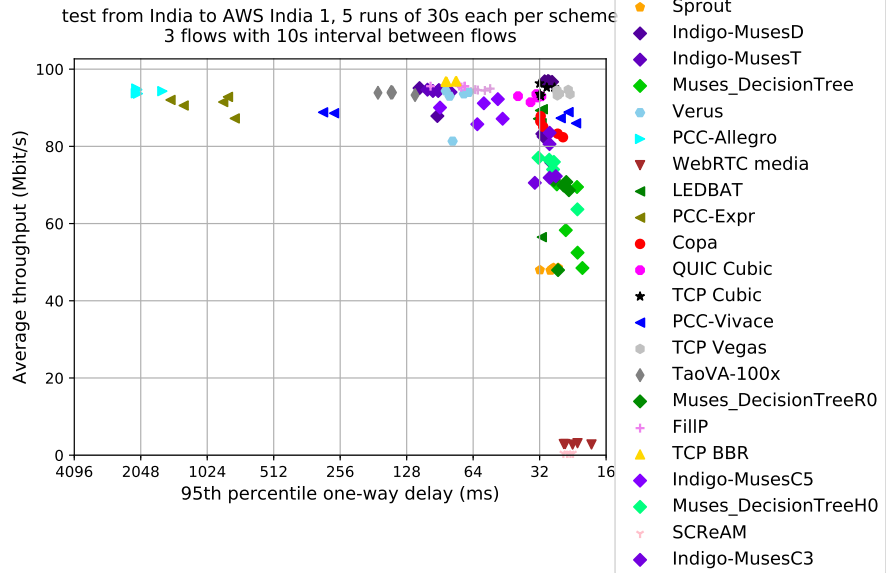
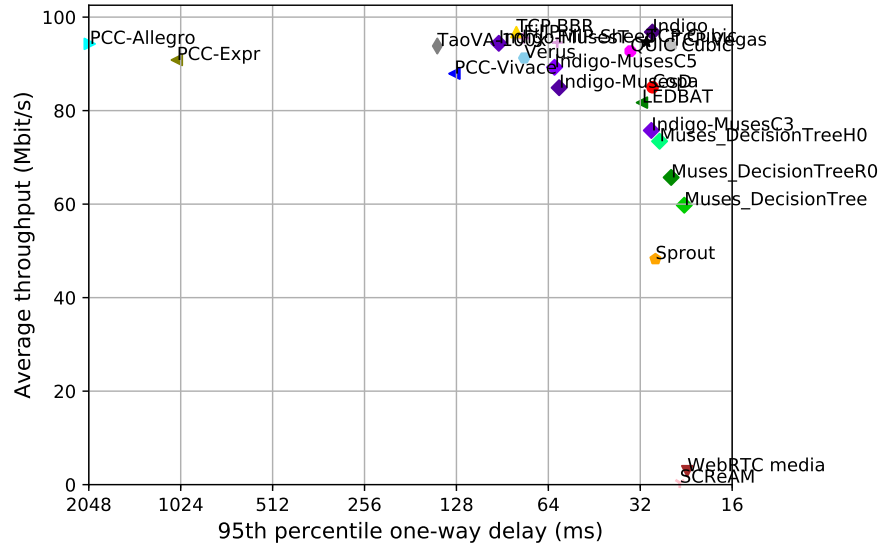
```
Linux 4.15.0-1043-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

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 India to AWS India 1, 5 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



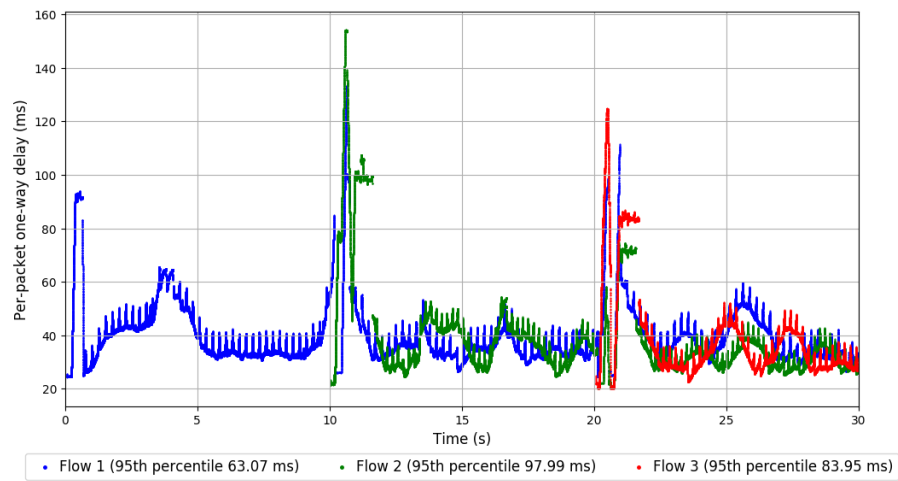
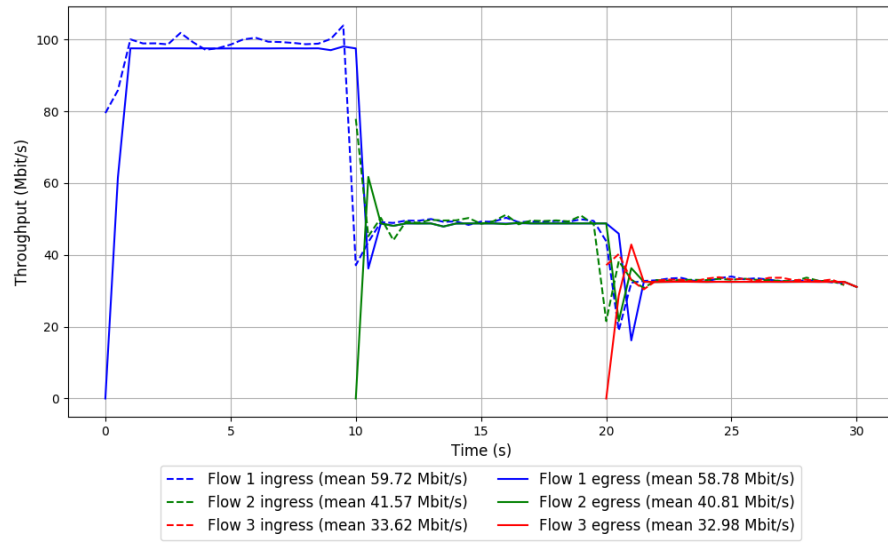
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	57.78	43.65	29.99	52.15	104.27	151.86	1.32	1.72	1.86
Copa	5	51.62	37.34	25.64	31.08	26.00	27.12	0.06	0.11	0.29
TCP Cubic	5	56.87	39.40	34.90	30.75	28.96	28.00	0.07	0.13	0.34
FillP	5	57.49	40.02	34.42	66.46	82.92	80.35	0.43	2.19	2.70
FillP-Sheep	5	56.42	41.86	31.01	57.08	54.98	80.71	0.16	0.25	0.81
Indigo	5	58.41	41.16	33.67	25.70	28.41	25.98	0.08	0.18	0.52
Indigo-MusesC3	5	48.81	34.37	19.43	27.25	29.34	28.36	0.05	0.08	0.43
Indigo-MusesC5	5	55.31	37.50	37.29	53.24	61.80	58.00	0.51	1.00	1.53
Indigo-MusesD	5	53.16	37.98	28.16	48.23	48.76	41.67	0.41	0.36	0.41
Indigo-MusesT	5	61.43	40.41	27.30	61.13	113.67	104.20	0.41	1.41	2.33
LEDBAT	5	40.98	42.62	37.20	28.77	31.42	33.04	0.07	0.13	0.33
Muses_DecisionTree	5	35.03	32.80	9.59	21.29	22.99	32.10	0.02	0.04	0.21
Muses_DecisionTreeH0	5	48.41	30.61	15.03	25.52	29.93	27.29	0.02	0.06	0.26
Muses_DecisionTreeR0	5	43.89	26.98	12.49	23.70	24.70	40.35	0.02	0.02	0.17
PCC-Allegro	5	58.46	39.77	28.49	2073.91	1047.62	178.08	13.30	9.76	2.23
PCC-Expr	5	56.11	37.48	29.72	930.02	956.57	81.11	25.34	10.34	0.59
QUIC Cubic	5	56.26	39.40	31.07	32.23	41.99	36.65	0.10	0.20	0.51
SReAM	5	0.21	0.21	0.22	22.27	21.62	22.29	0.13	0.19	0.36
Sprout	5	24.41	24.13	23.62	27.38	28.54	29.92	0.09	0.14	0.26
TaoVA-100x	5	56.01	42.42	28.78	132.11	110.29	170.09	0.70	0.83	3.41
TCP Vegas	5	56.79	42.26	27.06	23.25	24.17	25.28	0.14	0.13	0.31
Verus	5	54.15	38.60	34.45	69.18	101.47	142.66	0.20	0.27	0.60
PCC-Vivace	5	58.71	35.33	17.32	162.20	86.67	30.78	0.27	0.33	0.48
WebRTC media	5	1.59	0.92	0.37	21.14	21.37	20.90	0.08	0.06	0.35

Run 1: Statistics of TCP BBR

Start at: 2019-08-27 11:27:11
End at: 2019-08-27 11:27:41
Local clock offset: -1.14 ms
Remote clock offset: -5.294 ms

Below is generated by plot.py at 2019-08-27 13:56:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 76.175 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 58.78 Mbit/s
95th percentile per-packet one-way delay: 63.067 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 40.81 Mbit/s
95th percentile per-packet one-way delay: 97.986 ms
Loss rate: 1.96%
-- Flow 3:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 83.954 ms
Loss rate: 2.18%

Run 1: Report of TCP BBR — Data Link

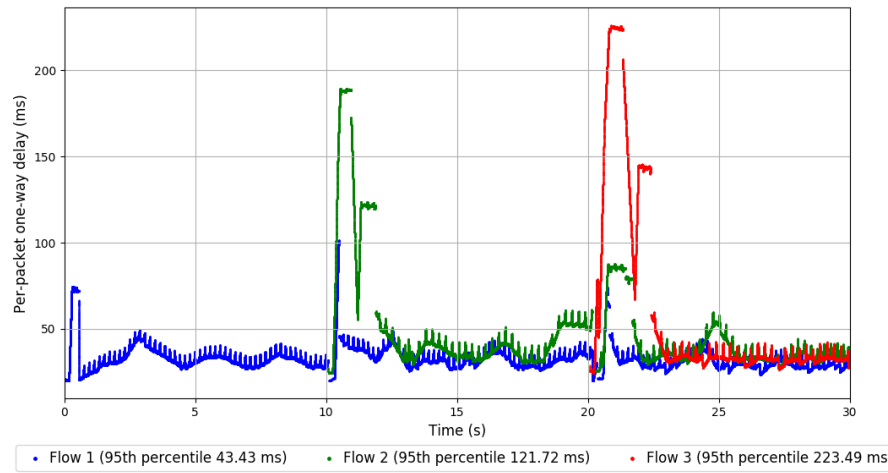
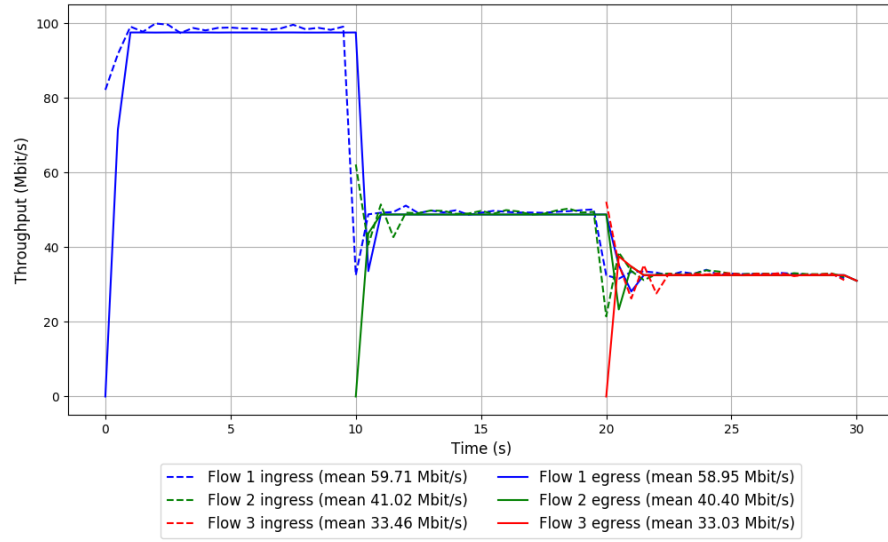


Run 2: Statistics of TCP BBR

Start at: 2019-08-27 11:57:02
End at: 2019-08-27 11:57:32
Local clock offset: -0.08 ms
Remote clock offset: -3.517 ms

Below is generated by plot.py at 2019-08-27 13:56:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.80 Mbit/s
95th percentile per-packet one-way delay: 85.256 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 43.434 ms
Loss rate: 1.36%
-- Flow 2:
Average throughput: 40.40 Mbit/s
95th percentile per-packet one-way delay: 121.719 ms
Loss rate: 1.65%
-- Flow 3:
Average throughput: 33.03 Mbit/s
95th percentile per-packet one-way delay: 223.494 ms
Loss rate: 1.59%

Run 2: Report of TCP BBR — Data Link

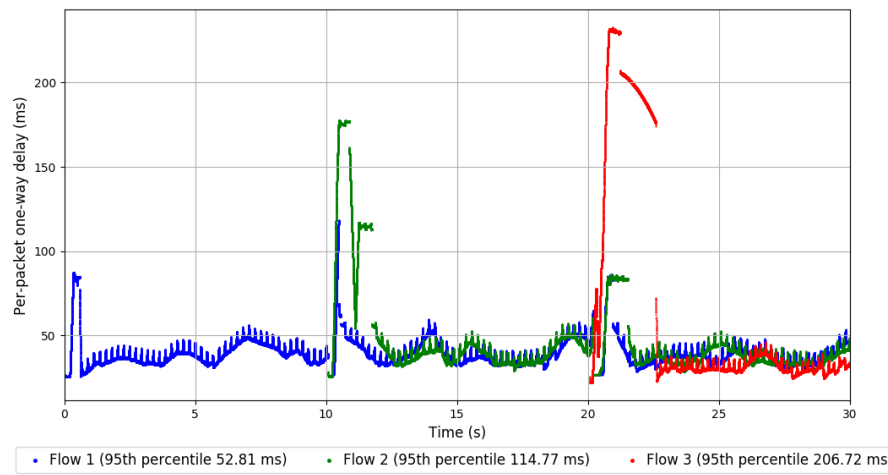
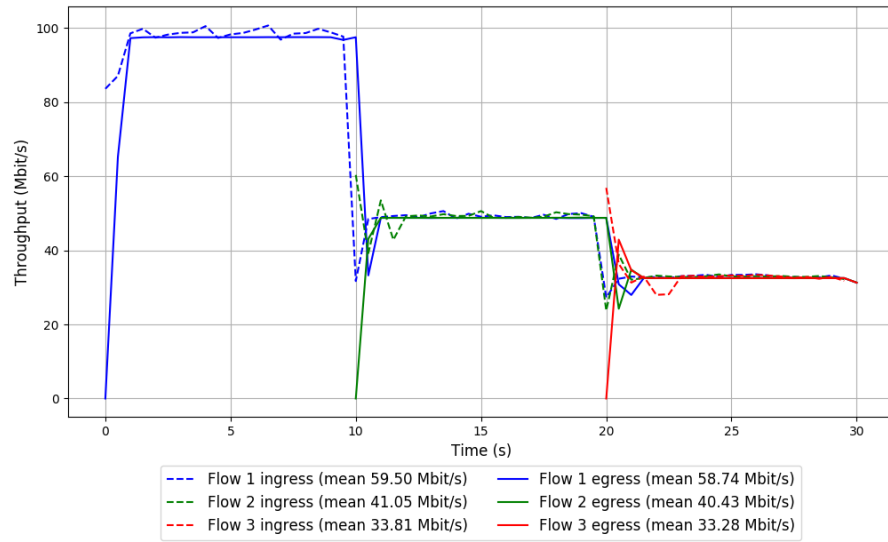


Run 3: Statistics of TCP BBR

Start at: 2019-08-27 12:26:22
End at: 2019-08-27 12:26:52
Local clock offset: 0.098 ms
Remote clock offset: -4.435 ms

Below is generated by plot.py at 2019-08-27 13:56:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 84.678 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 58.74 Mbit/s
95th percentile per-packet one-way delay: 52.810 ms
Loss rate: 1.37%
-- Flow 2:
Average throughput: 40.43 Mbit/s
95th percentile per-packet one-way delay: 114.772 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 33.28 Mbit/s
95th percentile per-packet one-way delay: 206.724 ms
Loss rate: 1.80%

Run 3: Report of TCP BBR — Data Link

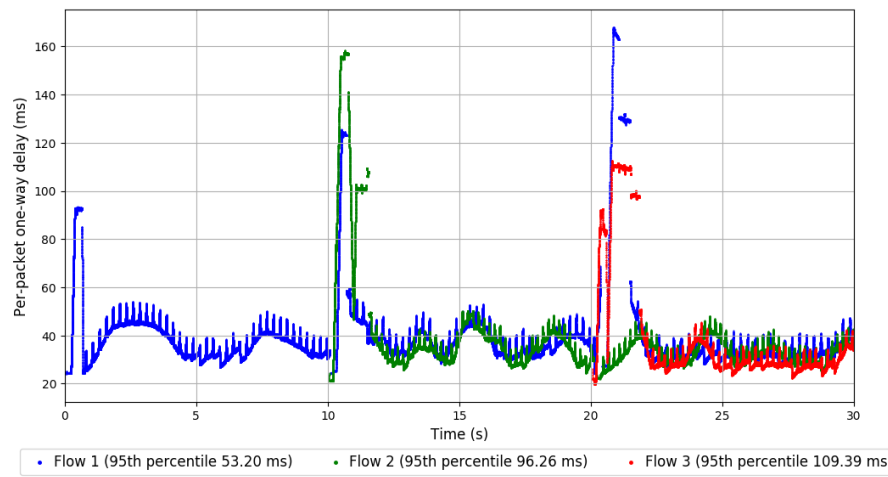
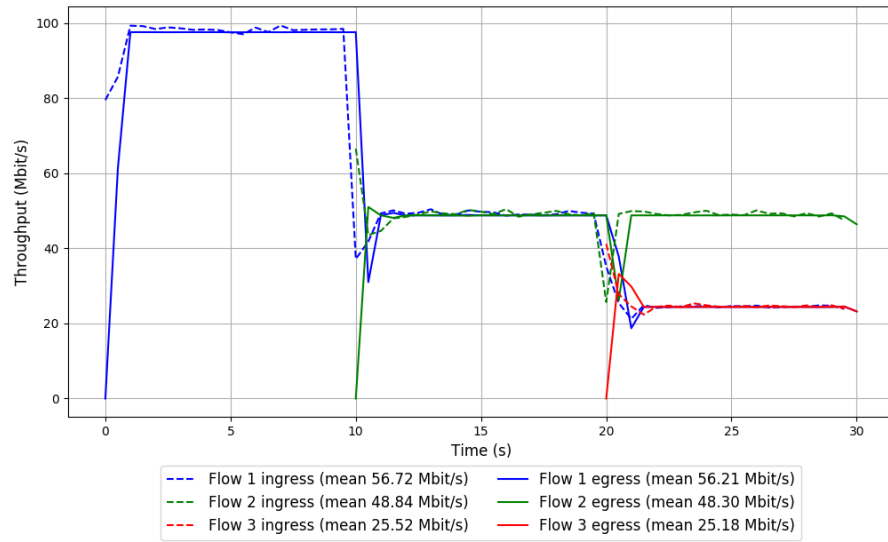


Run 4: Statistics of TCP BBR

Start at: 2019-08-27 12:56:20
End at: 2019-08-27 12:56:50
Local clock offset: -0.852 ms
Remote clock offset: -3.359 ms

Below is generated by plot.py at 2019-08-27 13:56:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 84.339 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 56.21 Mbit/s
95th percentile per-packet one-way delay: 53.203 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 48.30 Mbit/s
95th percentile per-packet one-way delay: 96.259 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 25.18 Mbit/s
95th percentile per-packet one-way delay: 109.387 ms
Loss rate: 1.59%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-08-27 13:25:39

End at: 2019-08-27 13:26:09

Local clock offset: -0.716 ms

Remote clock offset: -3.44 ms

Below is generated by plot.py at 2019-08-27 13:56:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.84 Mbit/s

95th percentile per-packet one-way delay: 76.849 ms

Loss rate: 1.58%

-- Flow 1:

Average throughput: 56.22 Mbit/s

95th percentile per-packet one-way delay: 48.222 ms

Loss rate: 1.21%

-- Flow 2:

Average throughput: 48.32 Mbit/s

95th percentile per-packet one-way delay: 90.637 ms

Loss rate: 2.09%

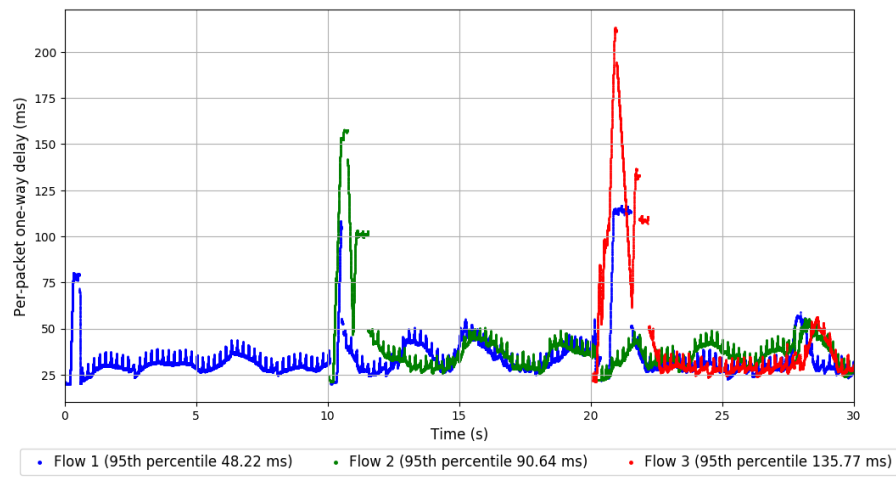
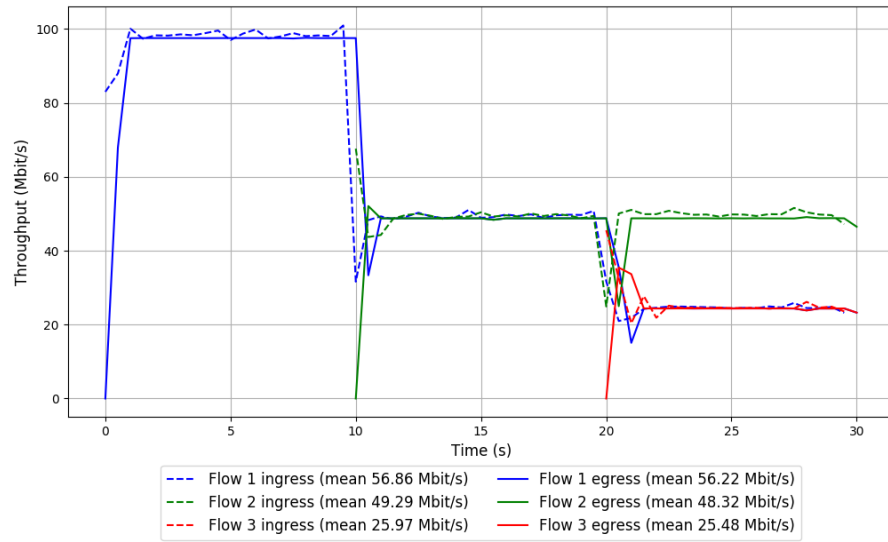
-- Flow 3:

Average throughput: 25.48 Mbit/s

95th percentile per-packet one-way delay: 135.766 ms

Loss rate: 2.13%

Run 5: Report of TCP BBR — Data Link

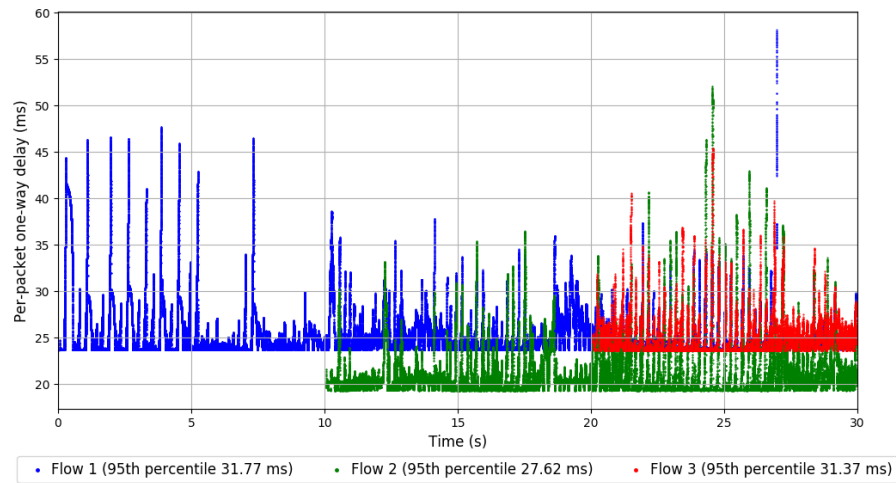
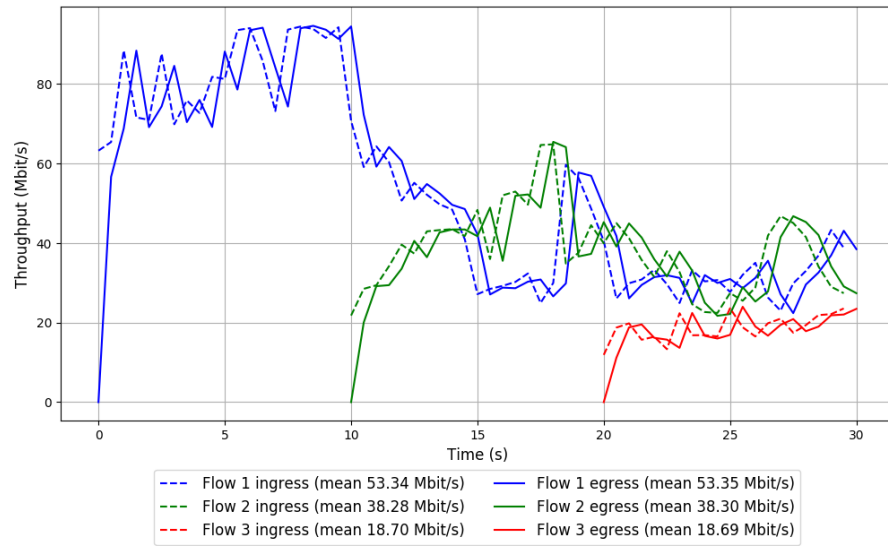


Run 1: Statistics of Copa

Start at: 2019-08-27 11:36:06
End at: 2019-08-27 11:36:36
Local clock offset: 0.114 ms
Remote clock offset: -3.065 ms

Below is generated by plot.py at 2019-08-27 13:57:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.05 Mbit/s
95th percentile per-packet one-way delay: 30.813 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 53.35 Mbit/s
95th percentile per-packet one-way delay: 31.768 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.30 Mbit/s
95th percentile per-packet one-way delay: 27.625 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 18.69 Mbit/s
95th percentile per-packet one-way delay: 31.370 ms
Loss rate: 0.37%

Run 1: Report of Copa — Data Link

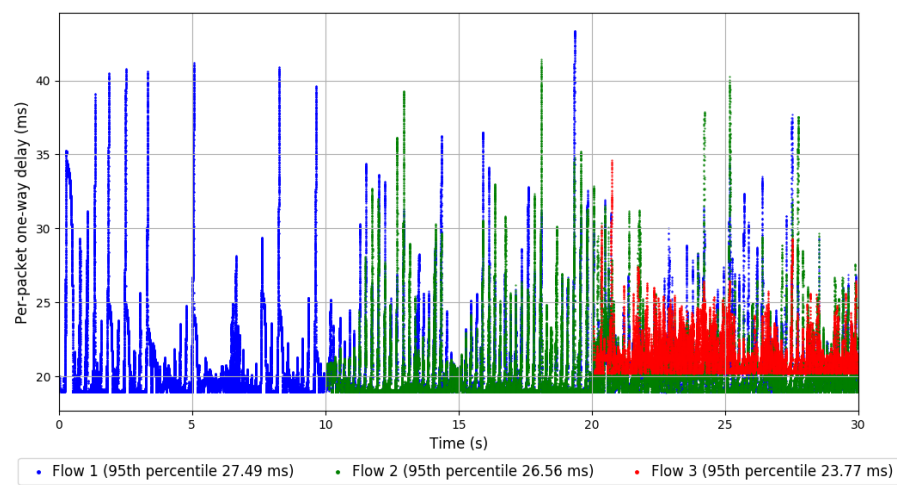
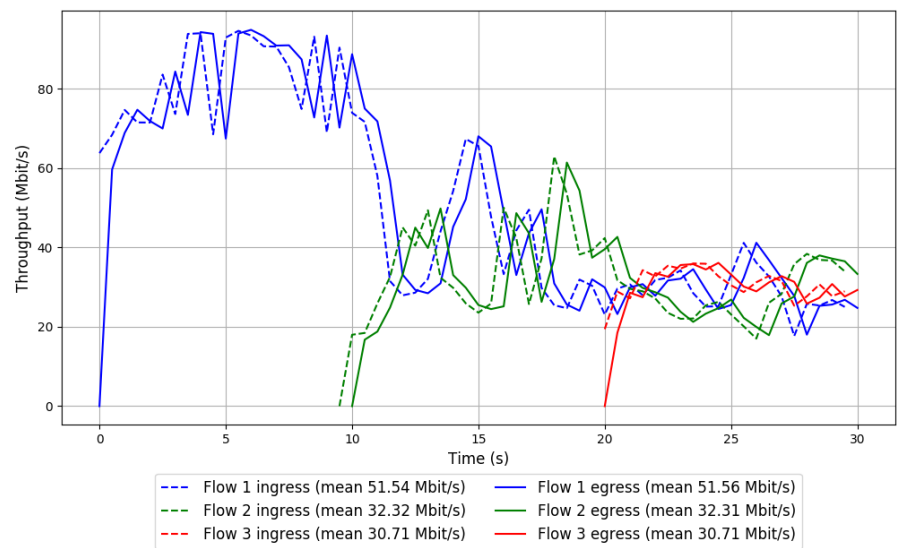


Run 2: Statistics of Copa

Start at: 2019-08-27 12:05:37
End at: 2019-08-27 12:06:07
Local clock offset: -0.198 ms
Remote clock offset: -2.455 ms

Below is generated by plot.py at 2019-08-27 13:57:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.28 Mbit/s
95th percentile per-packet one-way delay: 26.517 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 51.56 Mbit/s
95th percentile per-packet one-way delay: 27.494 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 32.31 Mbit/s
95th percentile per-packet one-way delay: 26.556 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 30.71 Mbit/s
95th percentile per-packet one-way delay: 23.765 ms
Loss rate: 0.21%

Run 2: Report of Copa — Data Link

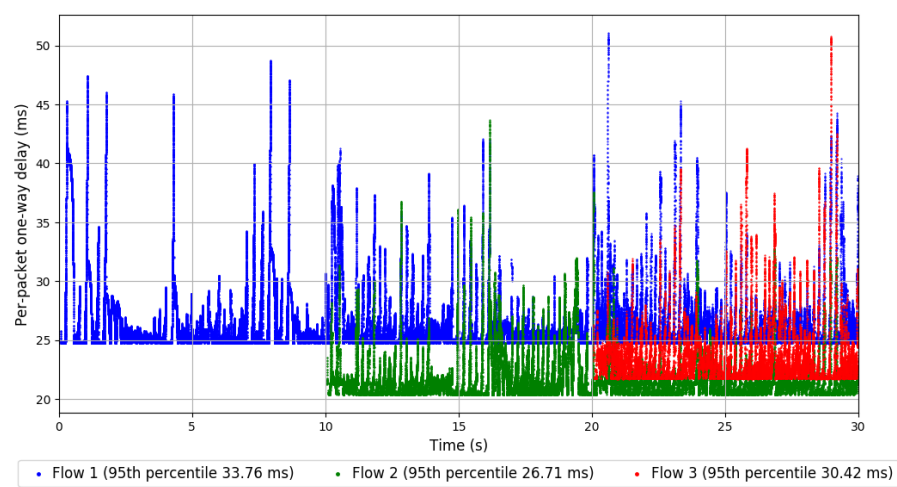
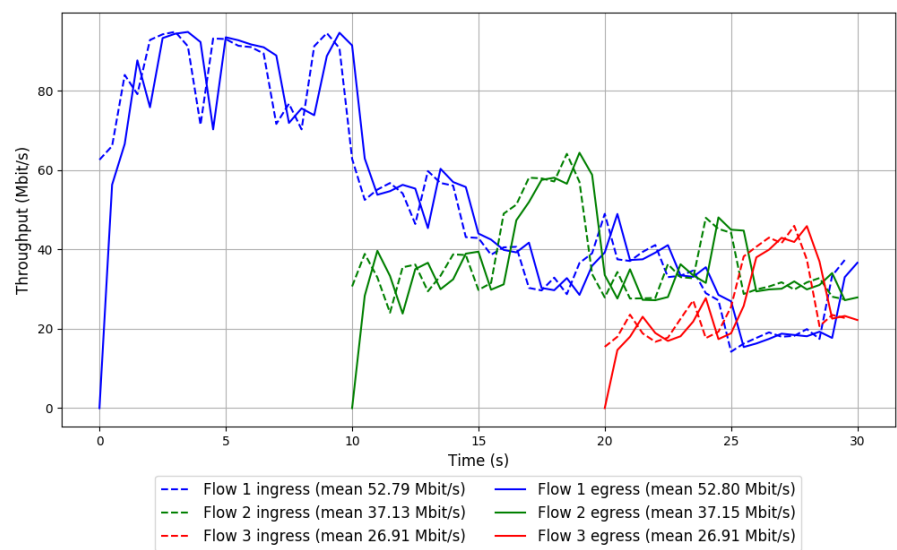


Run 3: Statistics of Copa

Start at: 2019-08-27 12:35:02
End at: 2019-08-27 12:35:32
Local clock offset: -0.779 ms
Remote clock offset: -4.442 ms

Below is generated by plot.py at 2019-08-27 13:57:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.47 Mbit/s
95th percentile per-packet one-way delay: 31.769 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 52.80 Mbit/s
95th percentile per-packet one-way delay: 33.761 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 37.15 Mbit/s
95th percentile per-packet one-way delay: 26.712 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 26.91 Mbit/s
95th percentile per-packet one-way delay: 30.416 ms
Loss rate: 0.25%

Run 3: Report of Copa — Data Link

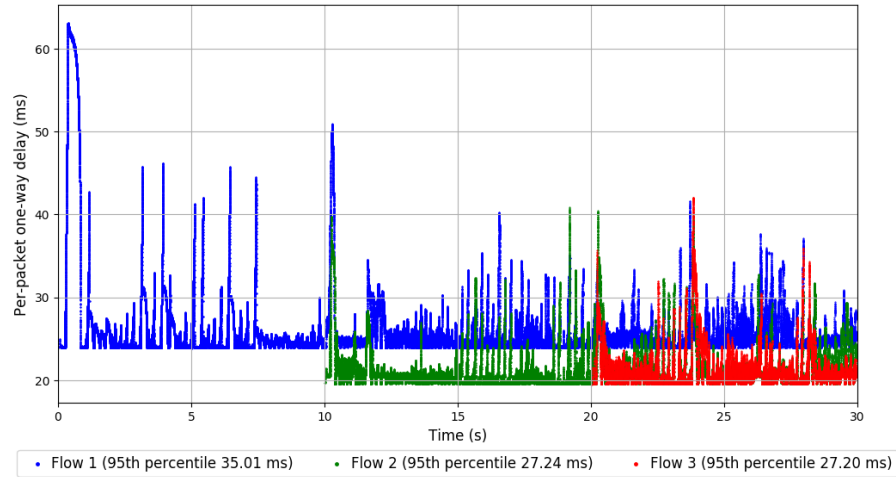
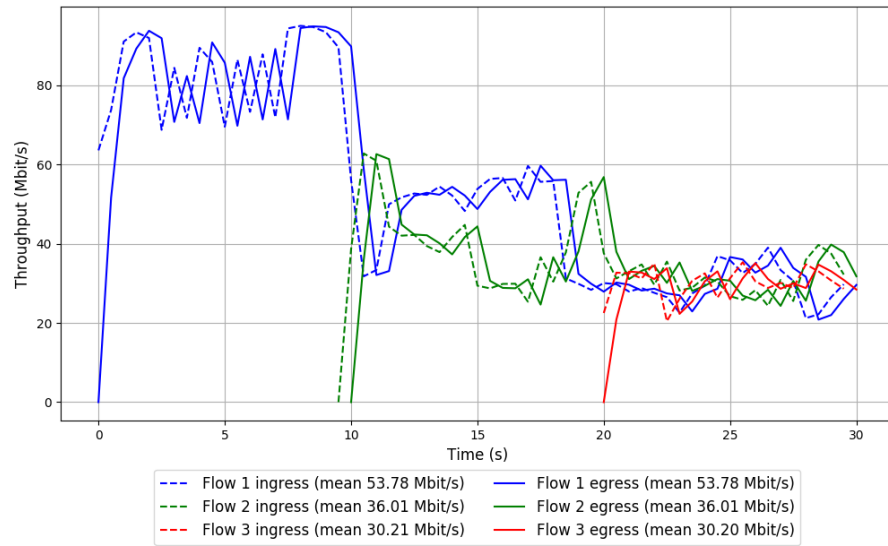


Run 4: Statistics of Copa

Start at: 2019-08-27 13:04:53
End at: 2019-08-27 13:05:23
Local clock offset: -1.051 ms
Remote clock offset: -3.318 ms

Below is generated by plot.py at 2019-08-27 13:58:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.80 Mbit/s
95th percentile per-packet one-way delay: 31.652 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 53.78 Mbit/s
95th percentile per-packet one-way delay: 35.011 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.01 Mbit/s
95th percentile per-packet one-way delay: 27.237 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 30.20 Mbit/s
95th percentile per-packet one-way delay: 27.200 ms
Loss rate: 0.27%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2019-08-27 13:34:08

End at: 2019-08-27 13:34:38

Local clock offset: -0.533 ms

Remote clock offset: -1.05 ms

Below is generated by plot.py at 2019-08-27 13:58:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.36 Mbit/s

95th percentile per-packet one-way delay: 25.083 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 46.59 Mbit/s

95th percentile per-packet one-way delay: 27.368 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 42.92 Mbit/s

95th percentile per-packet one-way delay: 21.868 ms

Loss rate: 0.13%

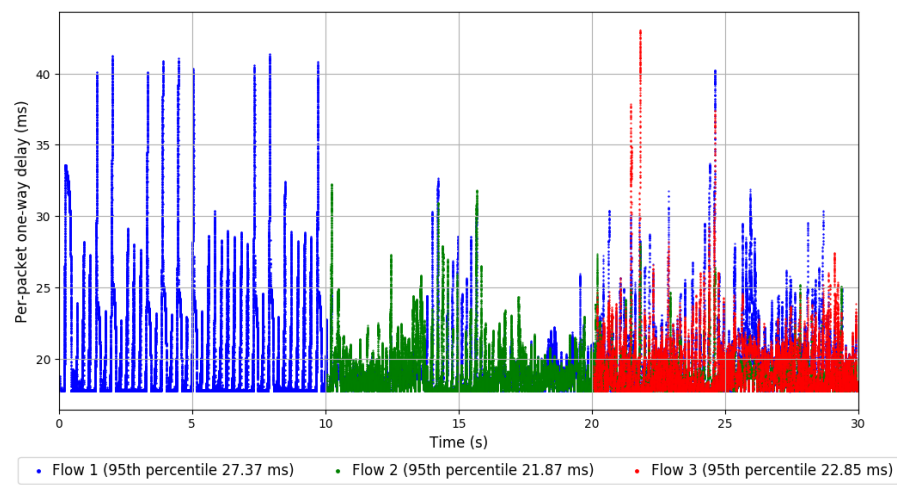
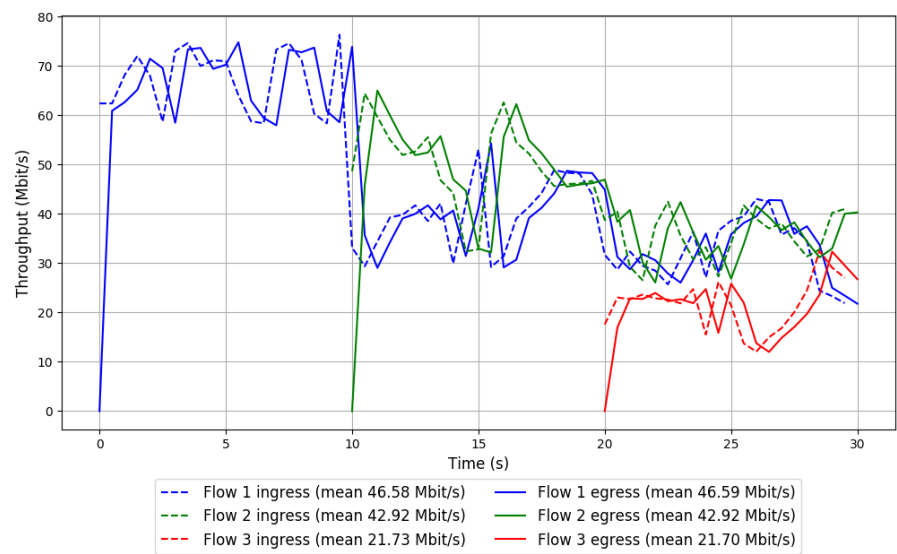
-- Flow 3:

Average throughput: 21.70 Mbit/s

95th percentile per-packet one-way delay: 22.849 ms

Loss rate: 0.35%

Run 5: Report of Copa — Data Link

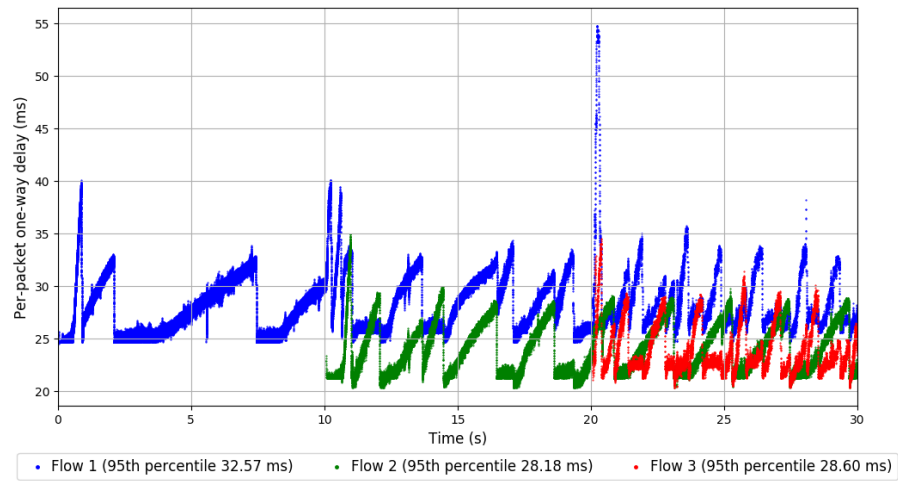
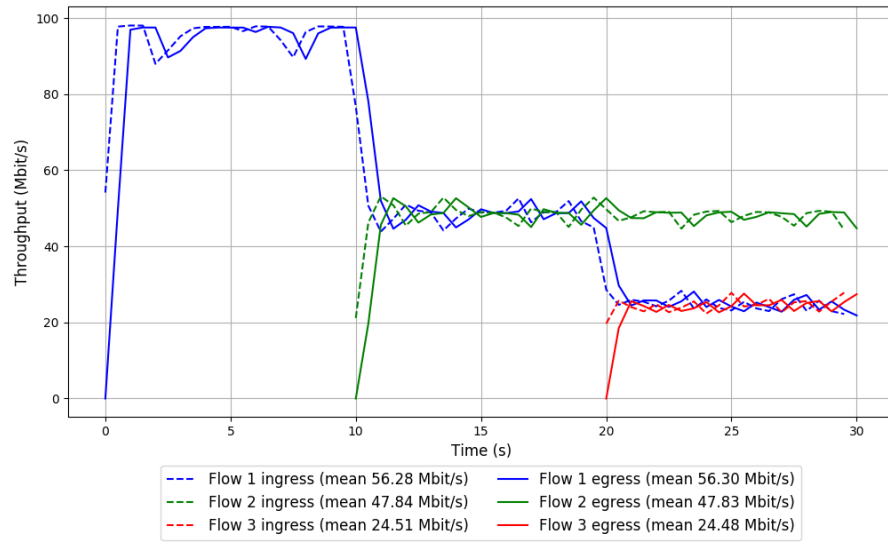


Run 1: Statistics of TCP Cubic

Start at: 2019-08-27 11:48:22
End at: 2019-08-27 11:48:52
Local clock offset: -0.94 ms
Remote clock offset: -5.038 ms

Below is generated by plot.py at 2019-08-27 13:58:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 32.028 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.30 Mbit/s
95th percentile per-packet one-way delay: 32.571 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 47.83 Mbit/s
95th percentile per-packet one-way delay: 28.178 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 28.596 ms
Loss rate: 0.37%

Run 1: Report of TCP Cubic — Data Link

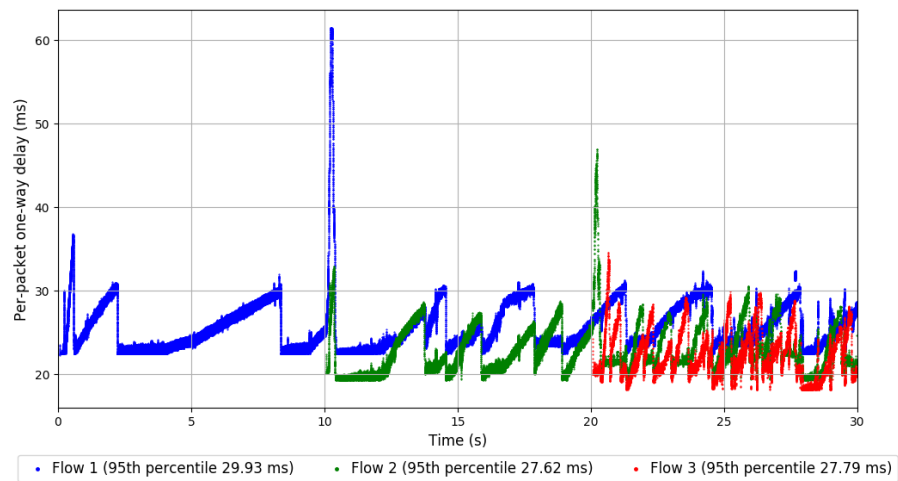
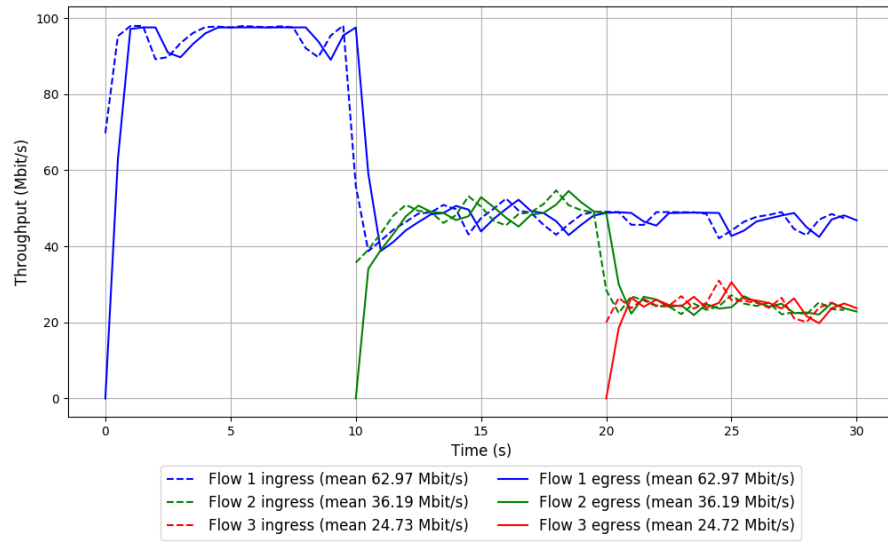


Run 2: Statistics of TCP Cubic

Start at: 2019-08-27 12:17:51
End at: 2019-08-27 12:18:21
Local clock offset: -1.114 ms
Remote clock offset: -2.678 ms

Below is generated by plot.py at 2019-08-27 13:58:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 29.721 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 62.97 Mbit/s
95th percentile per-packet one-way delay: 29.929 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.19 Mbit/s
95th percentile per-packet one-way delay: 27.616 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 27.791 ms
Loss rate: 0.32%

Run 2: Report of TCP Cubic — Data Link

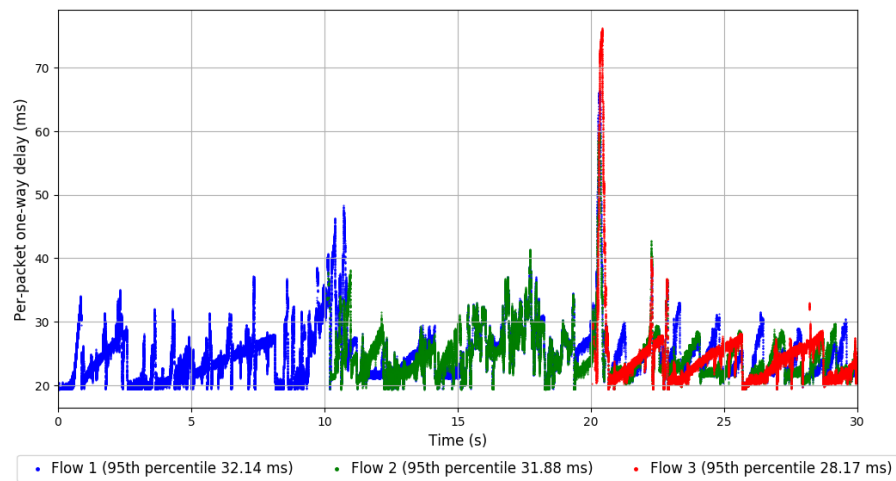
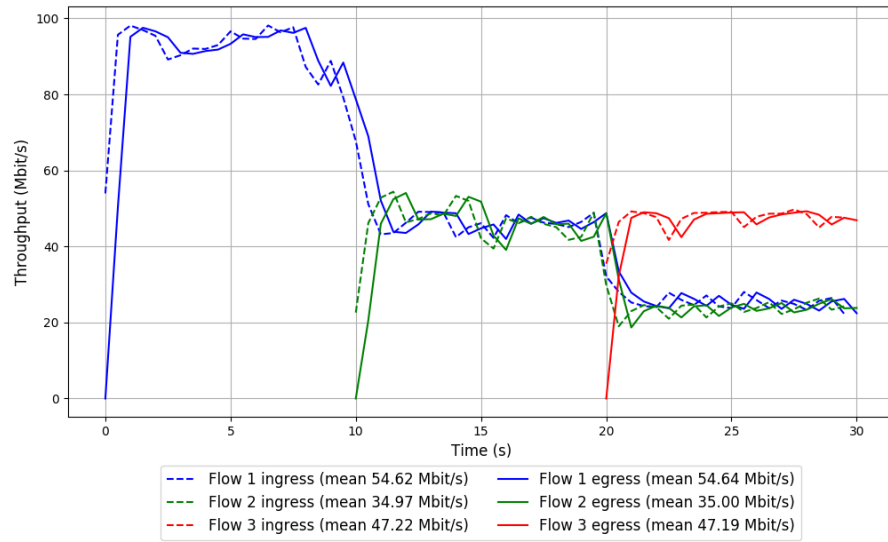


Run 3: Statistics of TCP Cubic

Start at: 2019-08-27 12:47:35
End at: 2019-08-27 12:48:05
Local clock offset: -0.313 ms
Remote clock offset: -1.402 ms

Below is generated by plot.py at 2019-08-27 13:58:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 31.933 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 54.64 Mbit/s
95th percentile per-packet one-way delay: 32.142 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 35.00 Mbit/s
95th percentile per-packet one-way delay: 31.884 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 47.19 Mbit/s
95th percentile per-packet one-way delay: 28.168 ms
Loss rate: 0.32%

Run 3: Report of TCP Cubic — Data Link

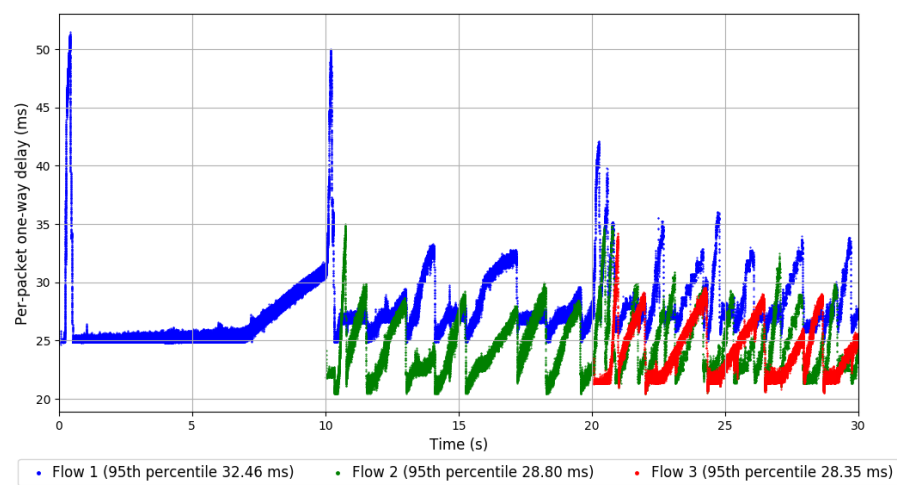
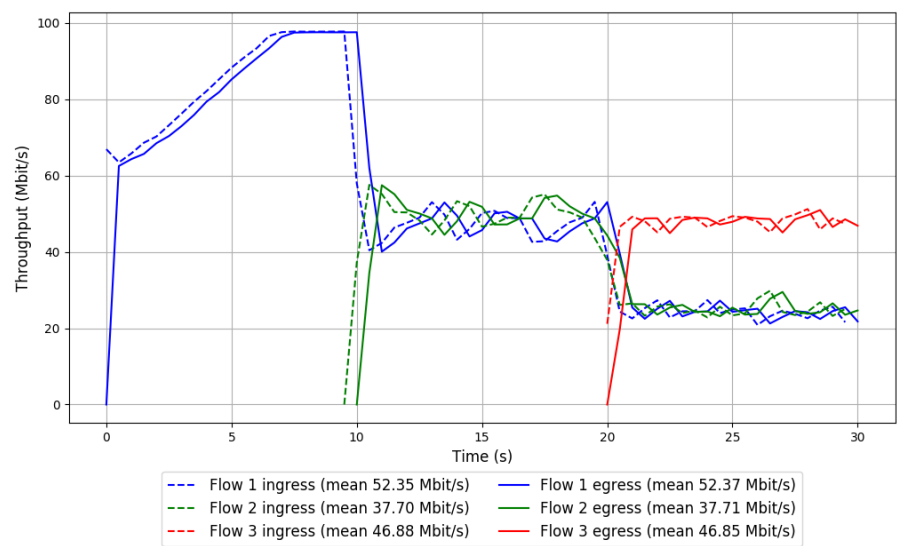


Run 4: Statistics of TCP Cubic

Start at: 2019-08-27 13:17:07
End at: 2019-08-27 13:17:37
Local clock offset: 0.18 ms
Remote clock offset: -3.028 ms

Below is generated by plot.py at 2019-08-27 13:58:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 31.585 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 52.37 Mbit/s
95th percentile per-packet one-way delay: 32.457 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.71 Mbit/s
95th percentile per-packet one-way delay: 28.800 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 46.85 Mbit/s
95th percentile per-packet one-way delay: 28.352 ms
Loss rate: 0.31%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-08-27 13:46:12

End at: 2019-08-27 13:46:42

Local clock offset: -0.892 ms

Remote clock offset: -2.54 ms

Below is generated by plot.py at 2019-08-27 13:58:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.24 Mbit/s

95th percentile per-packet one-way delay: 27.416 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 58.07 Mbit/s

95th percentile per-packet one-way delay: 26.632 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 40.25 Mbit/s

95th percentile per-packet one-way delay: 28.304 ms

Loss rate: 0.15%

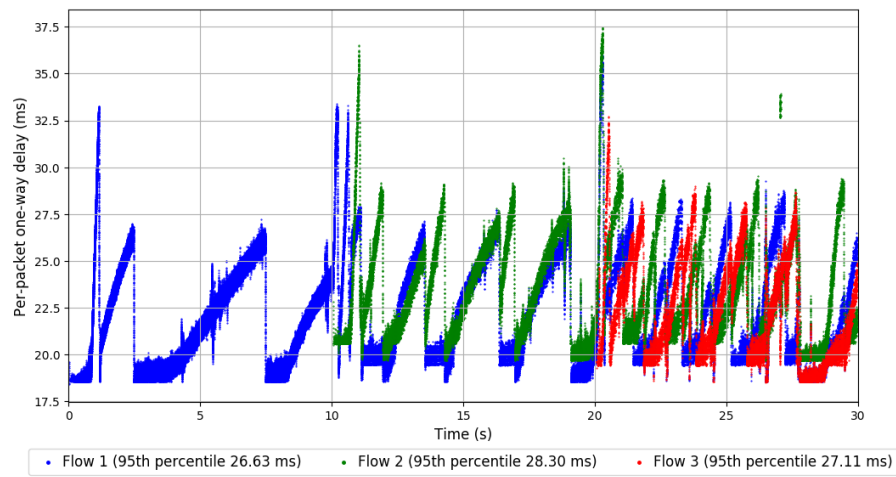
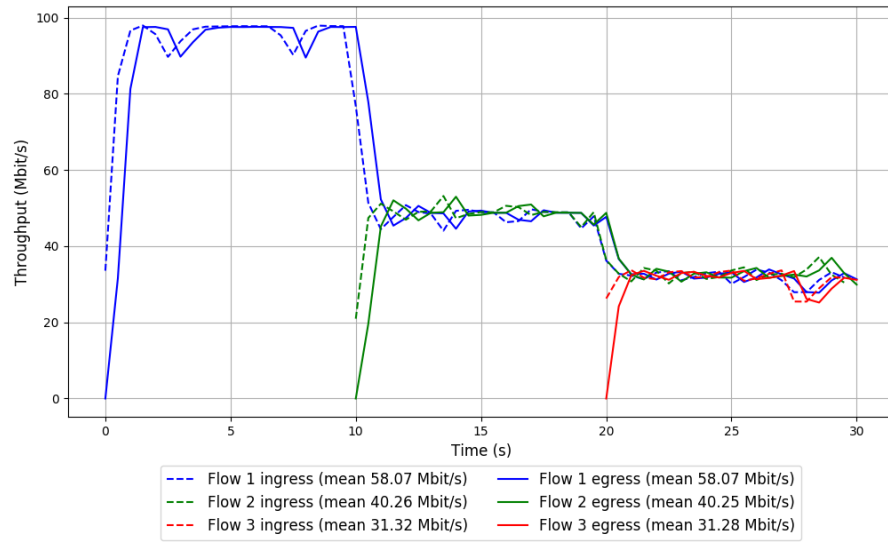
-- Flow 3:

Average throughput: 31.28 Mbit/s

95th percentile per-packet one-way delay: 27.113 ms

Loss rate: 0.36%

Run 5: Report of TCP Cubic — Data Link

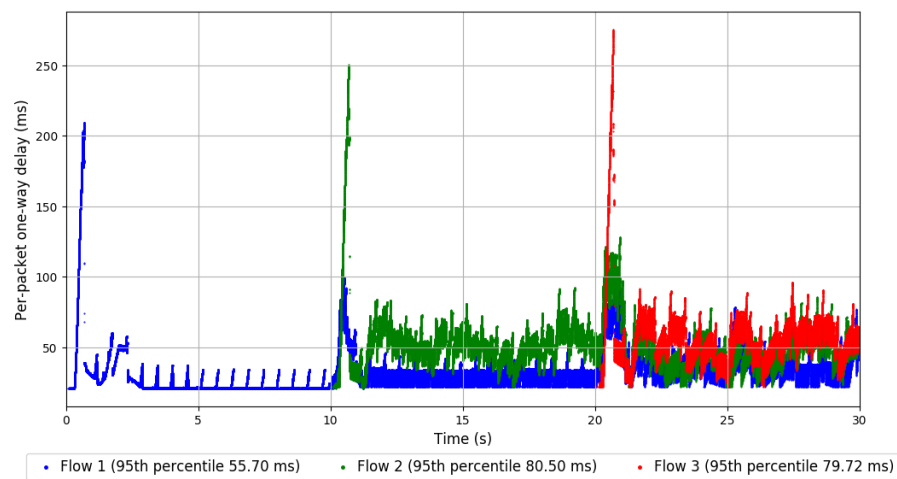
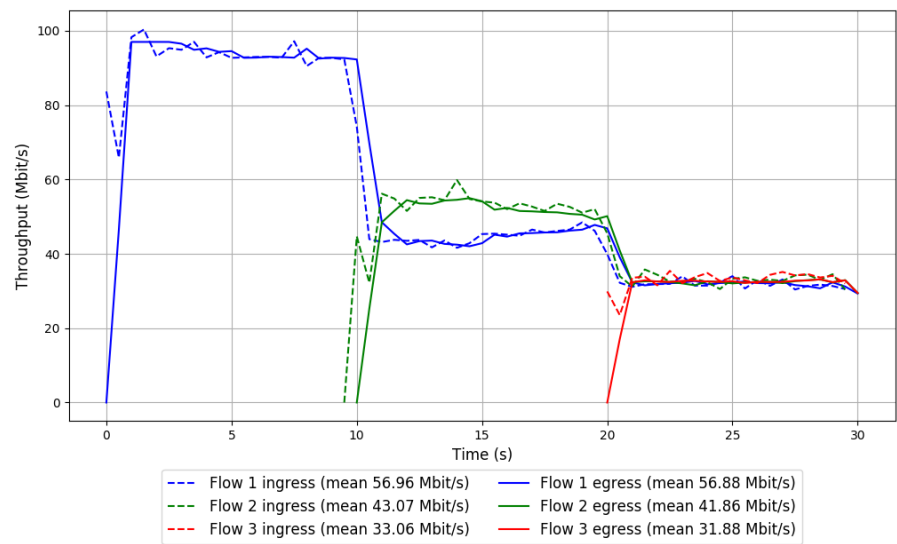


Run 1: Statistics of FillP

Start at: 2019-08-27 11:50:49
End at: 2019-08-27 11:51:19
Local clock offset: -0.731 ms
Remote clock offset: -4.284 ms

Below is generated by plot.py at 2019-08-27 13:58:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.33 Mbit/s
95th percentile per-packet one-way delay: 72.361 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 55.701 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 41.86 Mbit/s
95th percentile per-packet one-way delay: 80.502 ms
Loss rate: 2.94%
-- Flow 3:
Average throughput: 31.88 Mbit/s
95th percentile per-packet one-way delay: 79.715 ms
Loss rate: 3.70%

Run 1: Report of FillP — Data Link

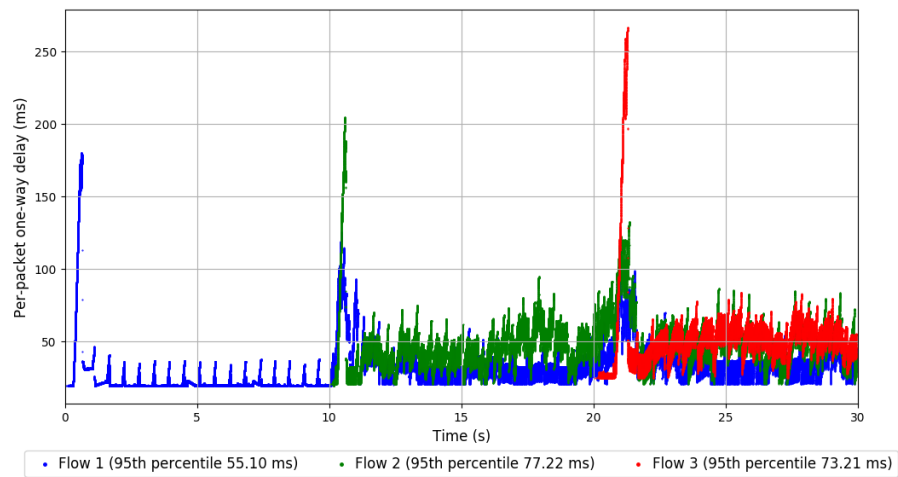
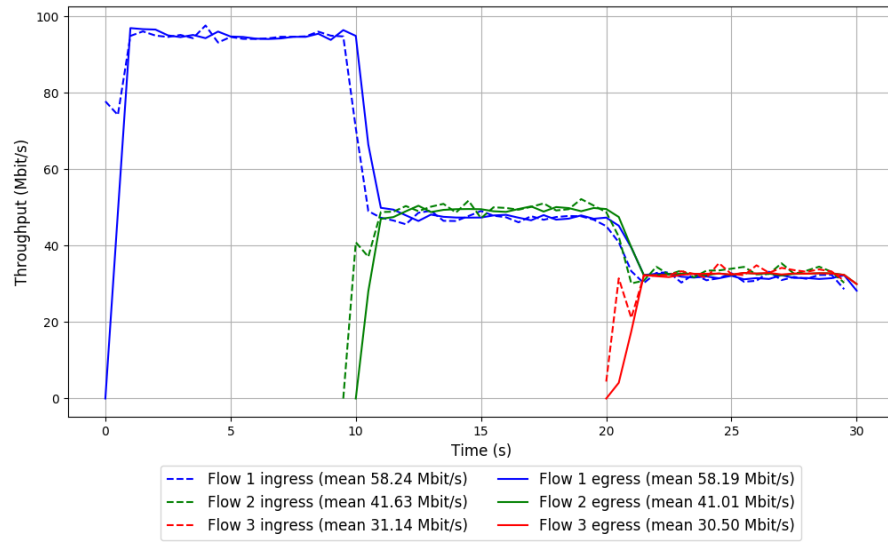


Run 2: Statistics of FillP

Start at: 2019-08-27 12:20:22
End at: 2019-08-27 12:20:52
Local clock offset: -0.318 ms
Remote clock offset: -3.421 ms

Below is generated by plot.py at 2019-08-27 13:59:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 69.834 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 58.19 Mbit/s
95th percentile per-packet one-way delay: 55.097 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 77.216 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 73.210 ms
Loss rate: 2.17%

Run 2: Report of FillP — Data Link

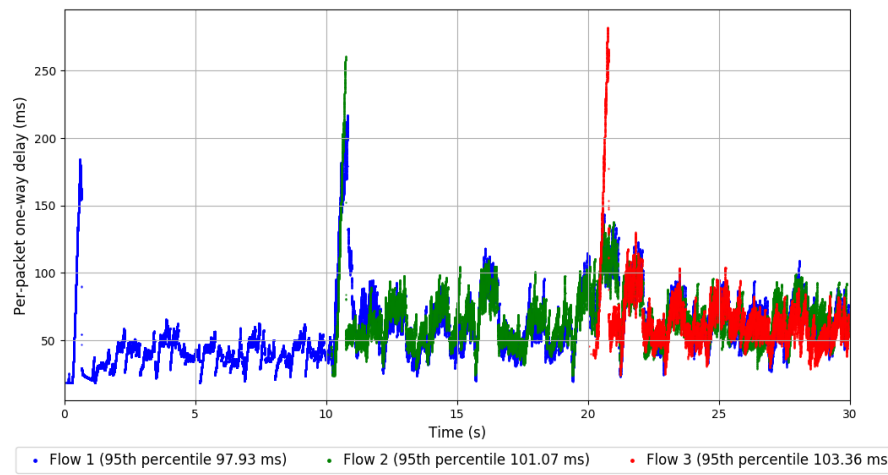
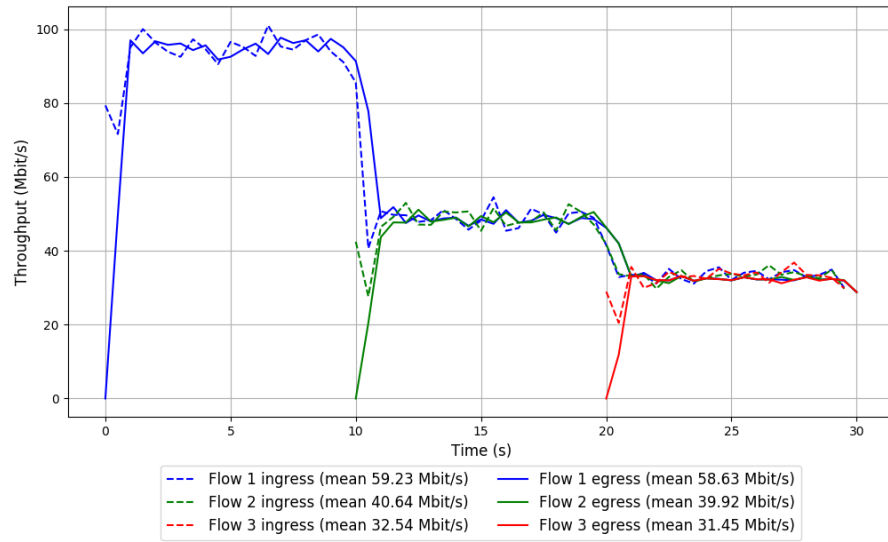


Run 3: Statistics of FillP

Start at: 2019-08-27 12:50:08
End at: 2019-08-27 12:50:38
Local clock offset: -0.942 ms
Remote clock offset: -2.739 ms

Below is generated by plot.py at 2019-08-27 13:59:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 99.791 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 58.63 Mbit/s
95th percentile per-packet one-way delay: 97.926 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 39.92 Mbit/s
95th percentile per-packet one-way delay: 101.072 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 31.45 Mbit/s
95th percentile per-packet one-way delay: 103.359 ms
Loss rate: 3.79%

Run 3: Report of FillP — Data Link

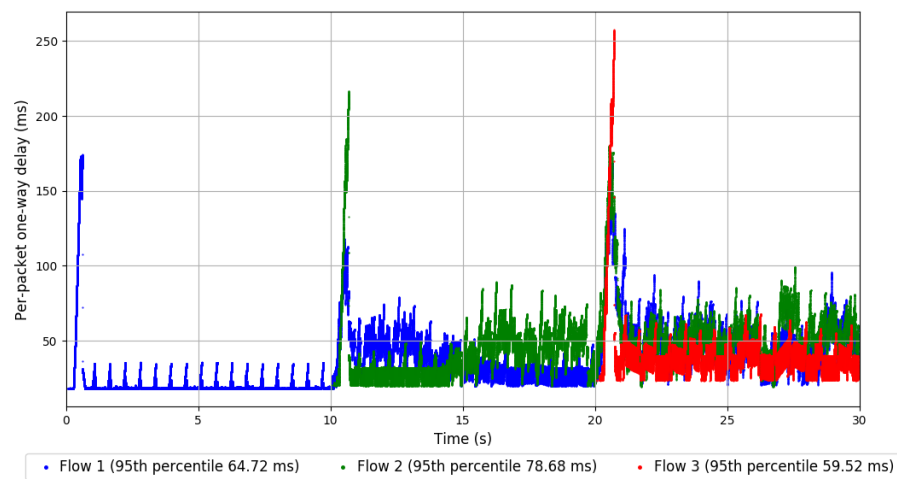
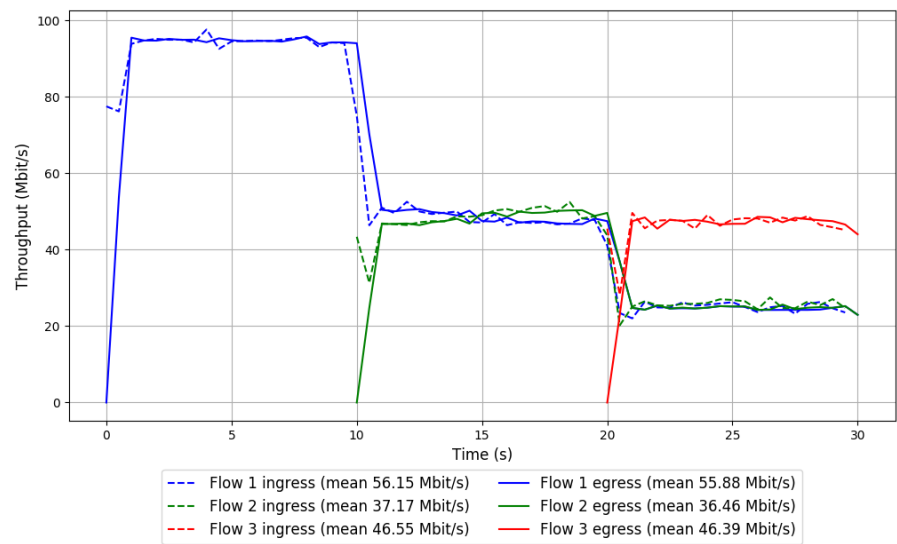


Run 4: Statistics of FillP

Start at: 2019-08-27 13:19:30
End at: 2019-08-27 13:20:00
Local clock offset: -0.334 ms
Remote clock offset: -1.494 ms

Below is generated by plot.py at 2019-08-27 13:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 69.981 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 55.88 Mbit/s
95th percentile per-packet one-way delay: 64.721 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 36.46 Mbit/s
95th percentile per-packet one-way delay: 78.678 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 46.39 Mbit/s
95th percentile per-packet one-way delay: 59.517 ms
Loss rate: 0.55%

Run 4: Report of FillP — Data Link

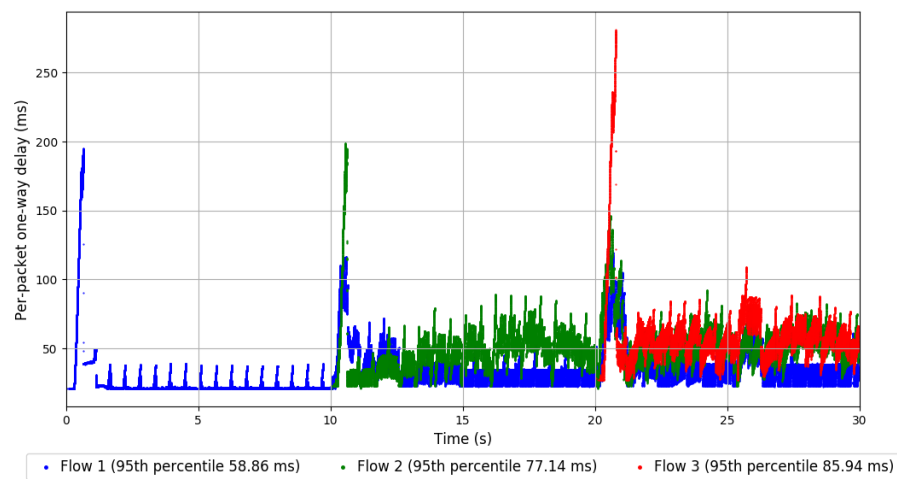
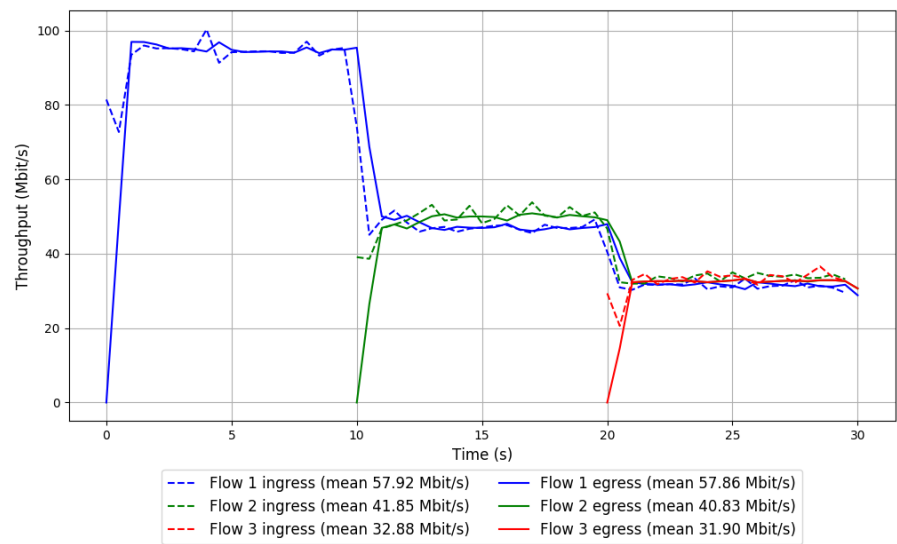


Run 5: Statistics of FillP

Start at: 2019-08-27 13:48:42
End at: 2019-08-27 13:49:12
Local clock offset: 0.201 ms
Remote clock offset: -3.786 ms

Below is generated by plot.py at 2019-08-27 13:59:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 73.998 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 57.86 Mbit/s
95th percentile per-packet one-way delay: 58.859 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 40.83 Mbit/s
95th percentile per-packet one-way delay: 77.140 ms
Loss rate: 2.47%
-- Flow 3:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 85.936 ms
Loss rate: 3.28%

Run 5: Report of FillP — Data Link

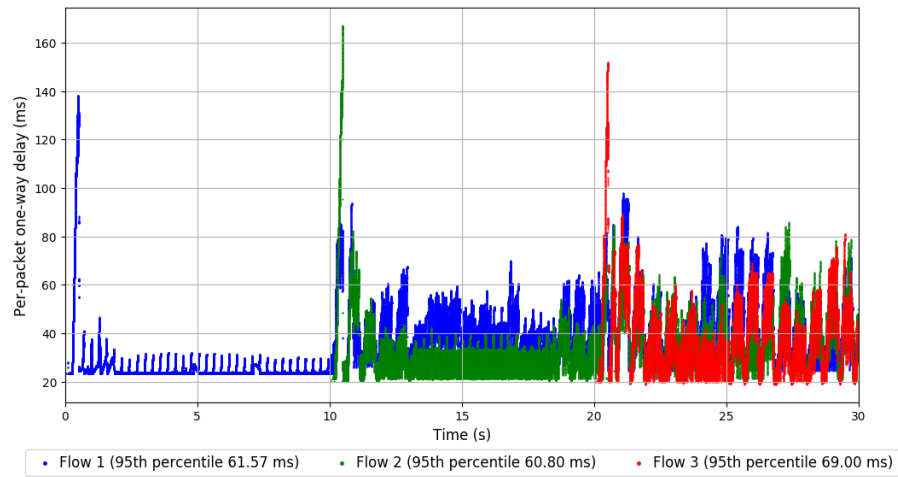
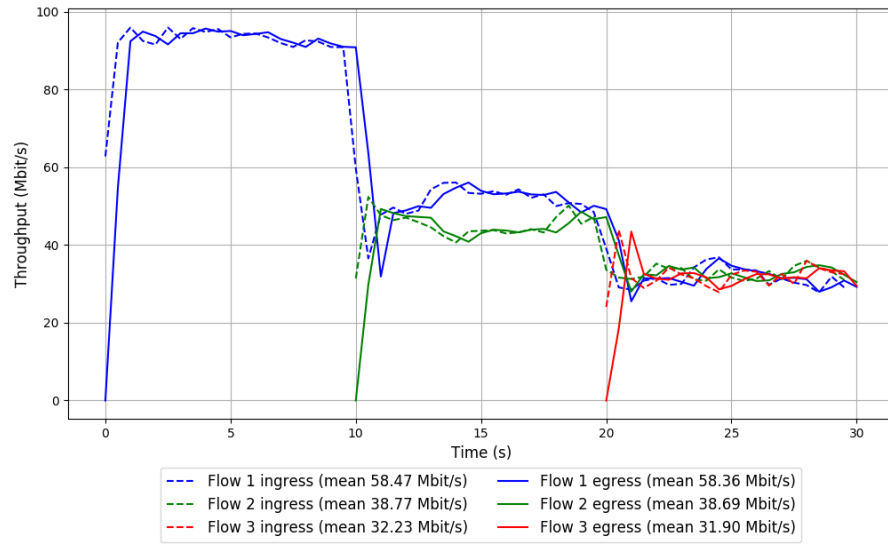


Run 1: Statistics of FillP-Sheep

Start at: 2019-08-27 11:44:43
End at: 2019-08-27 11:45:13
Local clock offset: -0.544 ms
Remote clock offset: -3.434 ms

Below is generated by plot.py at 2019-08-27 13:59:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.70 Mbit/s
95th percentile per-packet one-way delay: 62.612 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 58.36 Mbit/s
95th percentile per-packet one-way delay: 61.571 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 38.69 Mbit/s
95th percentile per-packet one-way delay: 60.802 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 69.001 ms
Loss rate: 1.25%

Run 1: Report of FillP-Sheep — Data Link

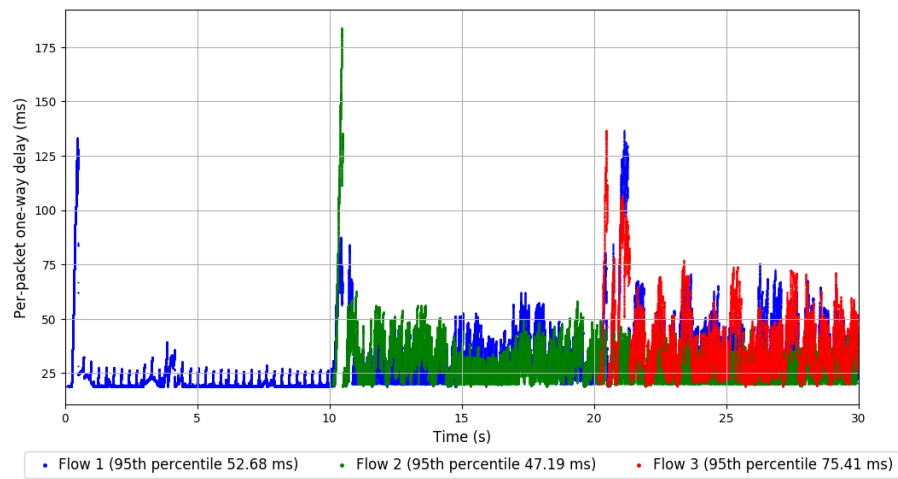
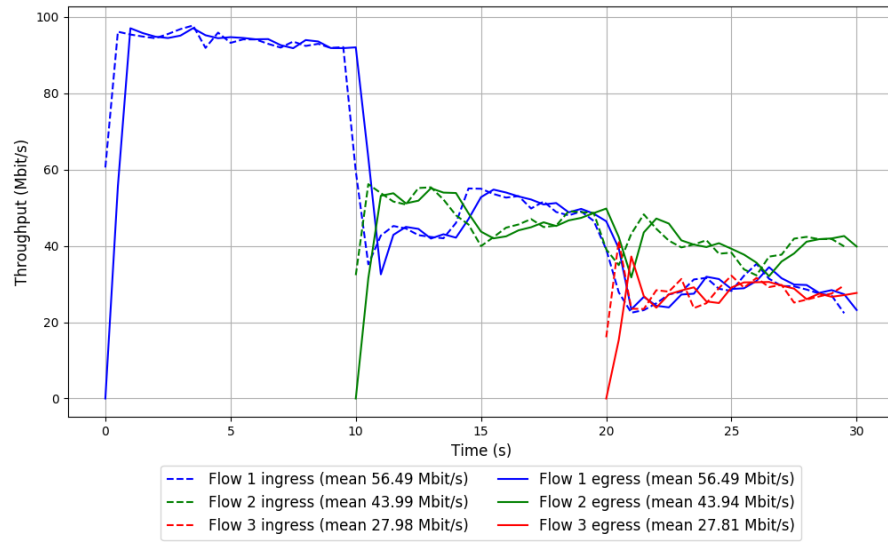


Run 2: Statistics of FillP-Sheep

Start at: 2019-08-27 12:14:11
End at: 2019-08-27 12:14:41
Local clock offset: -0.264 ms
Remote clock offset: -2.741 ms

Below is generated by plot.py at 2019-08-27 13:59:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 53.601 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.49 Mbit/s
95th percentile per-packet one-way delay: 52.682 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 43.94 Mbit/s
95th percentile per-packet one-way delay: 47.193 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 27.81 Mbit/s
95th percentile per-packet one-way delay: 75.409 ms
Loss rate: 0.76%

Run 2: Report of FillP-Sheep — Data Link

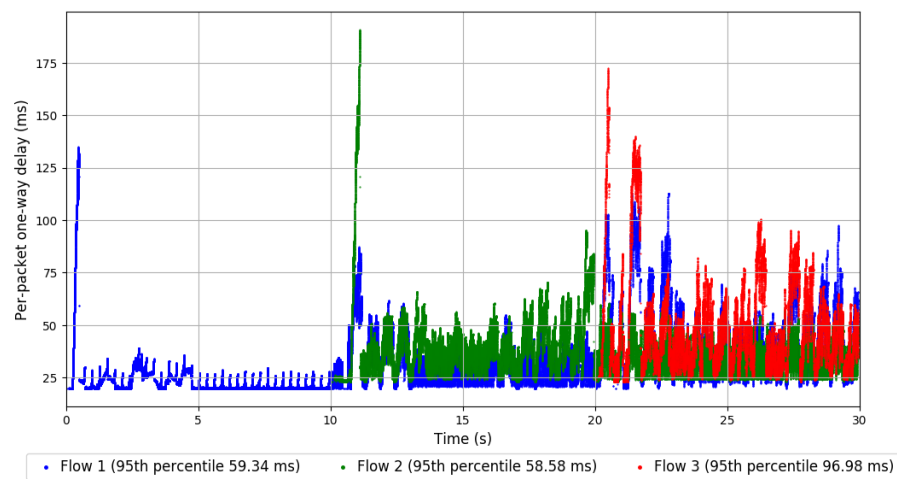
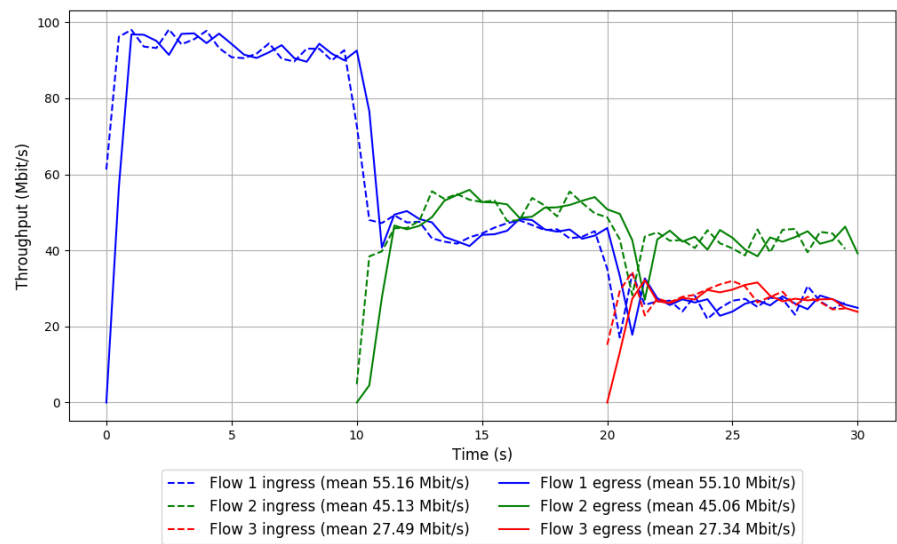


Run 3: Statistics of FillP-Sheep

Start at: 2019-08-27 12:43:37
End at: 2019-08-27 12:44:07
Local clock offset: -0.396 ms
Remote clock offset: -2.149 ms

Below is generated by plot.py at 2019-08-27 13:59:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.15 Mbit/s
95th percentile per-packet one-way delay: 65.519 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 55.10 Mbit/s
95th percentile per-packet one-way delay: 59.335 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 45.06 Mbit/s
95th percentile per-packet one-way delay: 58.575 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 96.979 ms
Loss rate: 0.80%

Run 3: Report of FillP-Sheep — Data Link

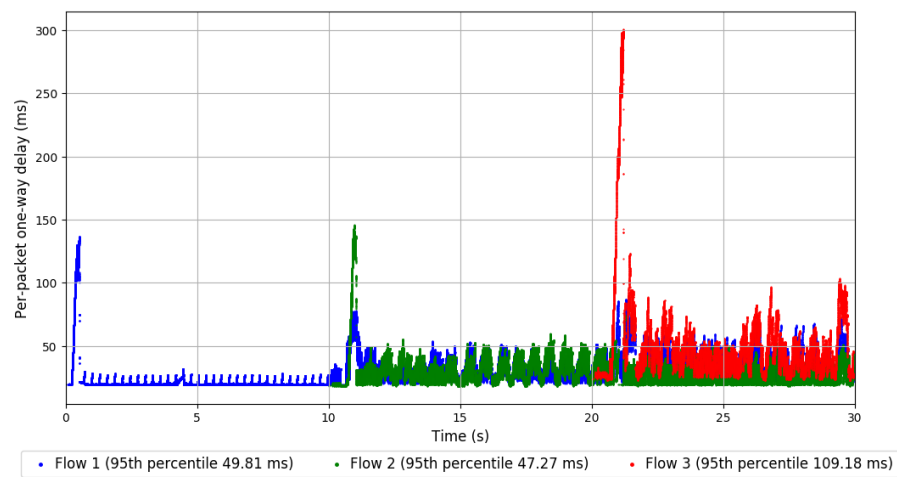
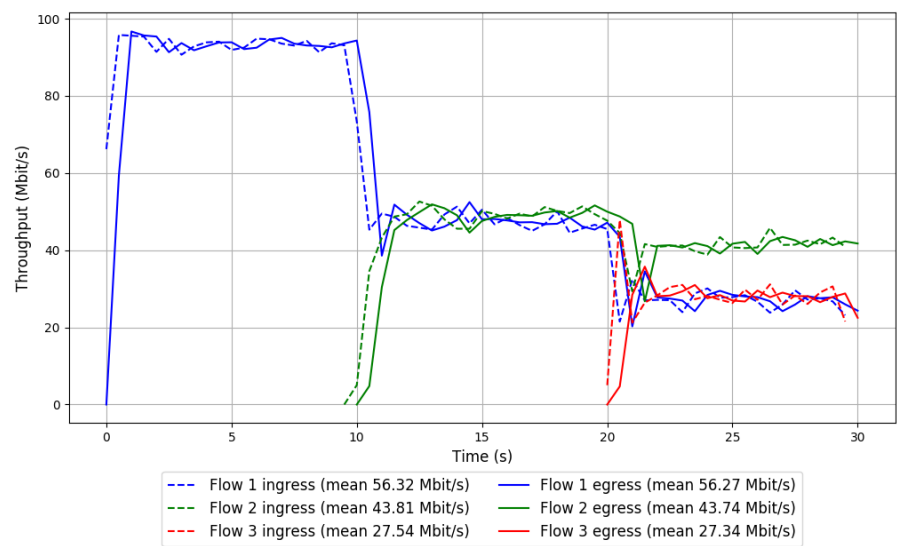


Run 4: Statistics of FillP-Sheep

Start at: 2019-08-27 13:13:31
End at: 2019-08-27 13:14:01
Local clock offset: -0.756 ms
Remote clock offset: -1.884 ms

Below is generated by plot.py at 2019-08-27 14:00:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 56.632 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 56.27 Mbit/s
95th percentile per-packet one-way delay: 49.809 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 43.74 Mbit/s
95th percentile per-packet one-way delay: 47.271 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 109.182 ms
Loss rate: 0.97%

Run 4: Report of FillP-Sheep — Data Link

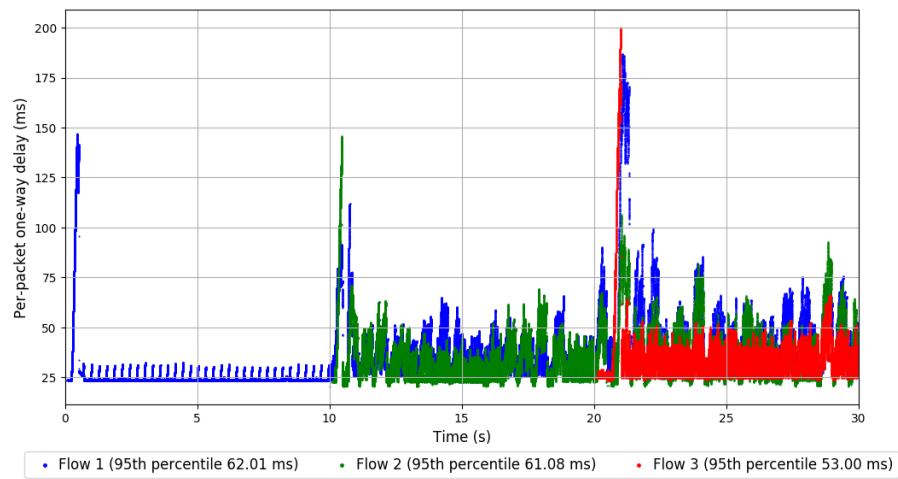
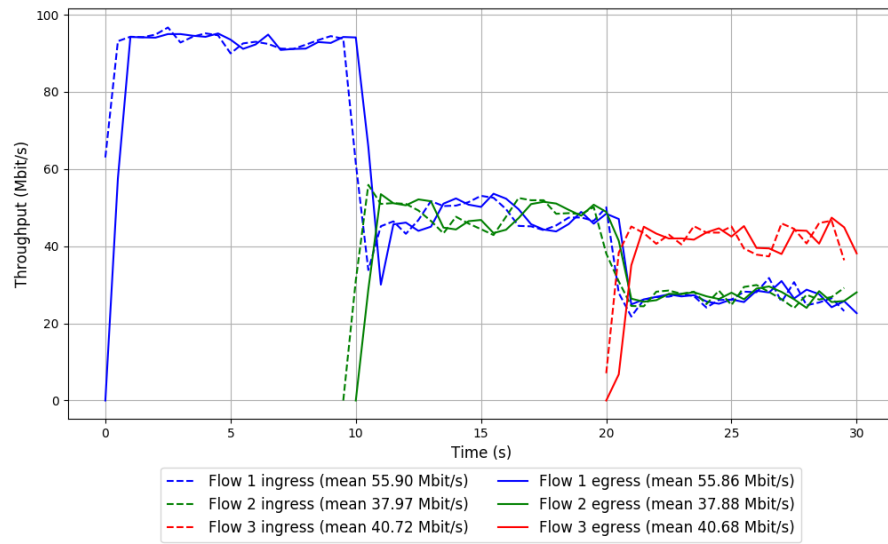


Run 5: Statistics of FillP-Sheep

Start at: 2019-08-27 13:42:33
End at: 2019-08-27 13:43:04
Local clock offset: 0.262 ms
Remote clock offset: -2.024 ms

Below is generated by plot.py at 2019-08-27 14:00:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.58 Mbit/s
95th percentile per-packet one-way delay: 60.935 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 62.009 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 37.88 Mbit/s
95th percentile per-packet one-way delay: 61.082 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 53.000 ms
Loss rate: 0.26%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-08-27 11:40:59

End at: 2019-08-27 11:41:29

Local clock offset: -0.578 ms

Remote clock offset: -3.28 ms

Below is generated by plot.py at 2019-08-27 14:00:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 29.291 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 64.82 Mbit/s

95th percentile per-packet one-way delay: 24.387 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 36.37 Mbit/s

95th percentile per-packet one-way delay: 29.456 ms

Loss rate: 0.12%

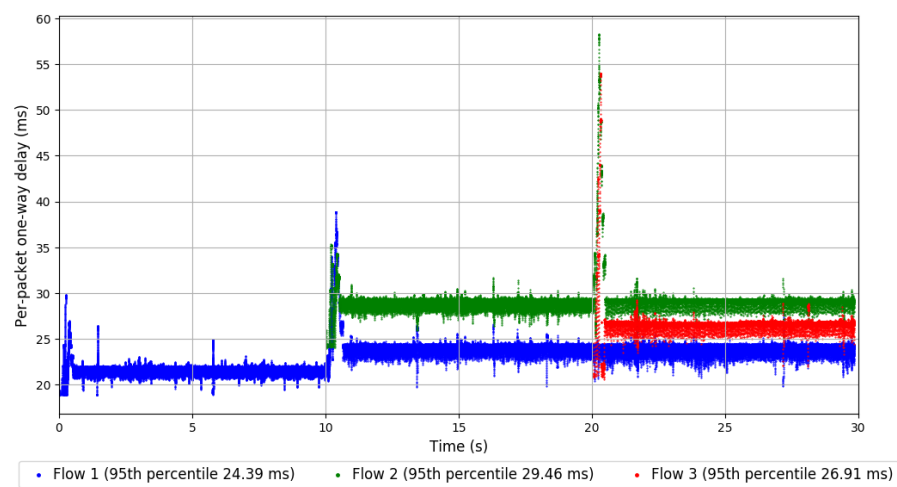
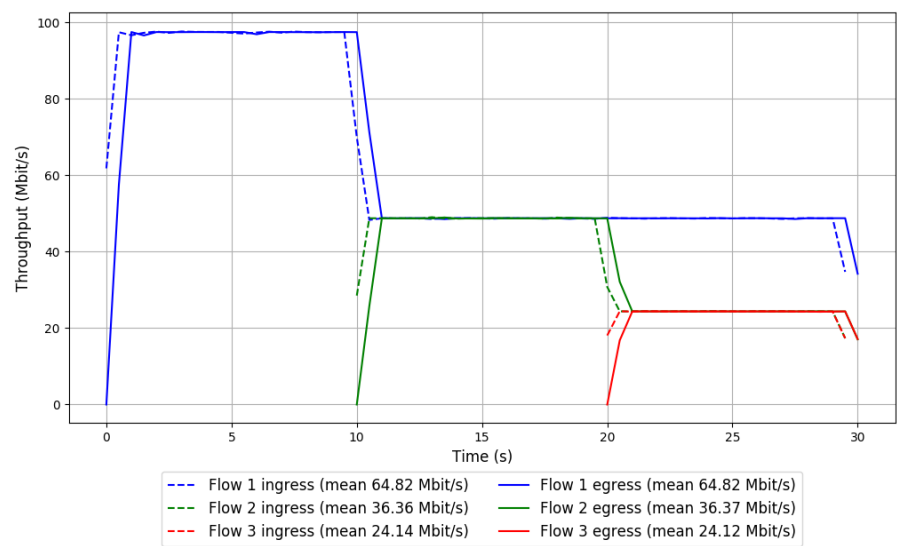
-- Flow 3:

Average throughput: 24.12 Mbit/s

95th percentile per-packet one-way delay: 26.906 ms

Loss rate: 0.32%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-08-27 12:10:23

End at: 2019-08-27 12:10:53

Local clock offset: -1.555 ms

Remote clock offset: -1.77 ms

Below is generated by plot.py at 2019-08-27 14:00:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 28.918 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 56.84 Mbit/s

95th percentile per-packet one-way delay: 23.925 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 36.35 Mbit/s

95th percentile per-packet one-way delay: 29.136 ms

Loss rate: 0.13%

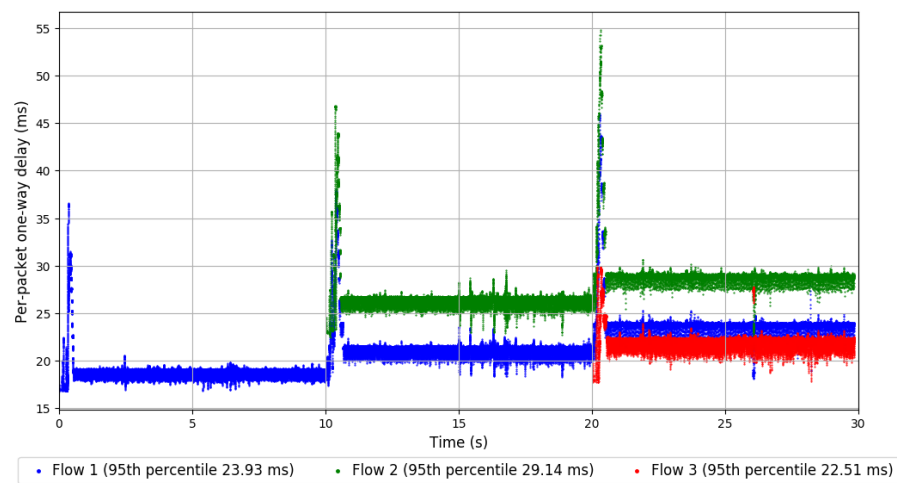
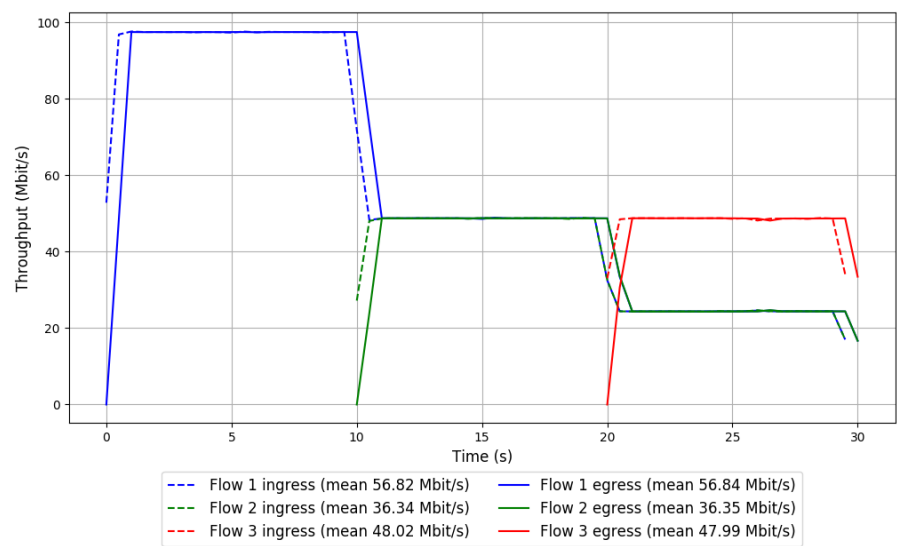
-- Flow 3:

Average throughput: 47.99 Mbit/s

95th percentile per-packet one-way delay: 22.510 ms

Loss rate: 0.30%

Run 2: Report of Indigo — Data Link

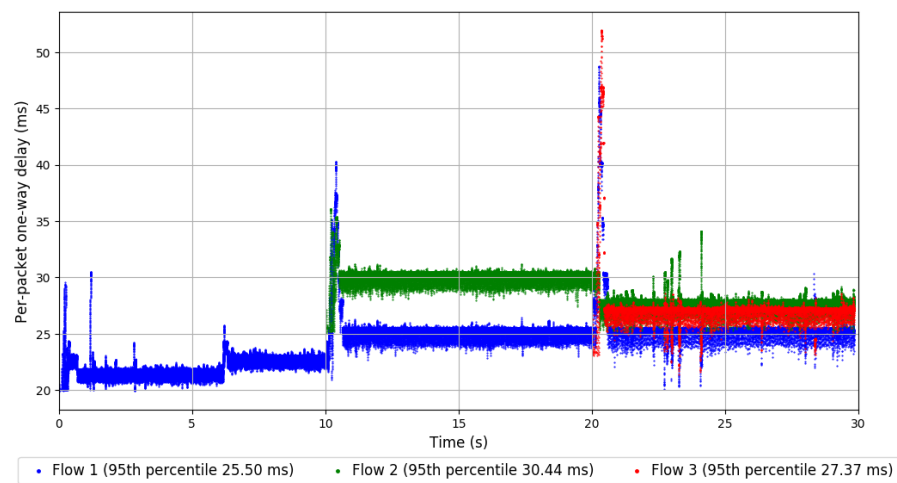
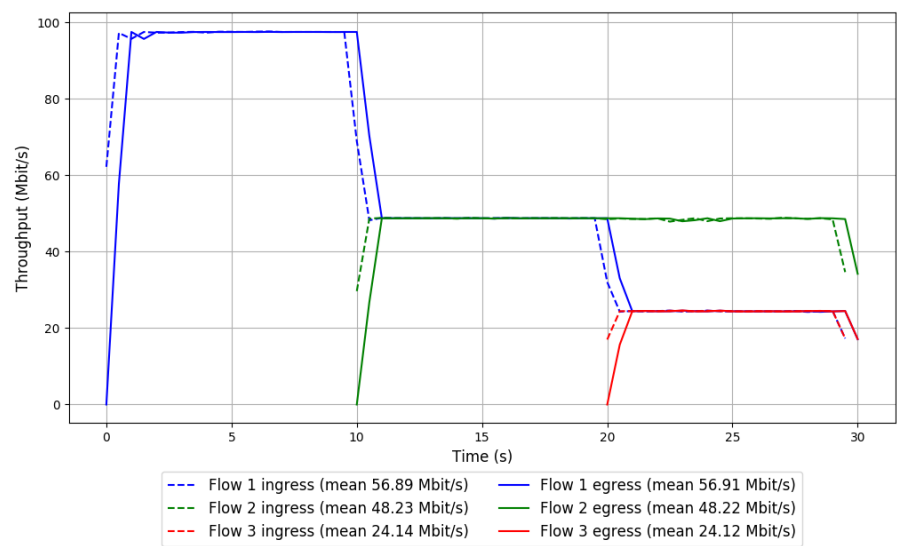


Run 3: Statistics of Indigo

Start at: 2019-08-27 12:39:50
End at: 2019-08-27 12:40:20
Local clock offset: -0.416 ms
Remote clock offset: -3.528 ms

Below is generated by plot.py at 2019-08-27 14:01:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 30.372 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.91 Mbit/s
95th percentile per-packet one-way delay: 25.497 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 48.22 Mbit/s
95th percentile per-packet one-way delay: 30.439 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 24.12 Mbit/s
95th percentile per-packet one-way delay: 27.374 ms
Loss rate: 0.32%

Run 3: Report of Indigo — Data Link

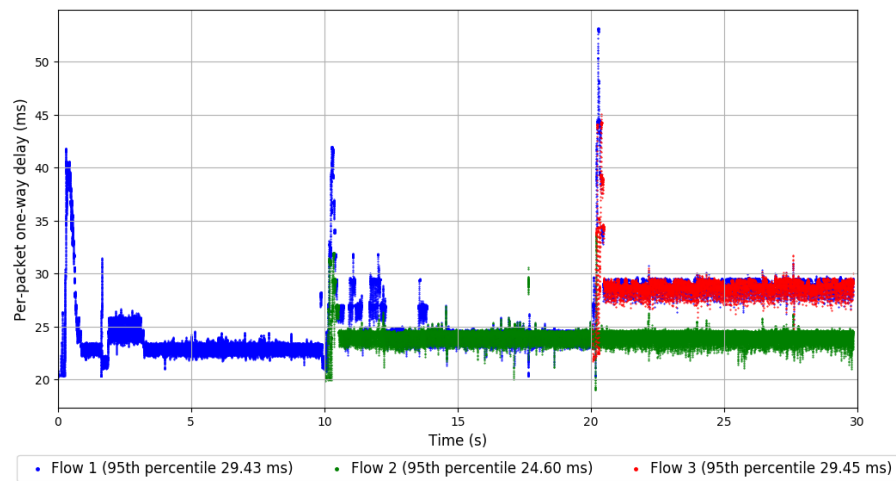
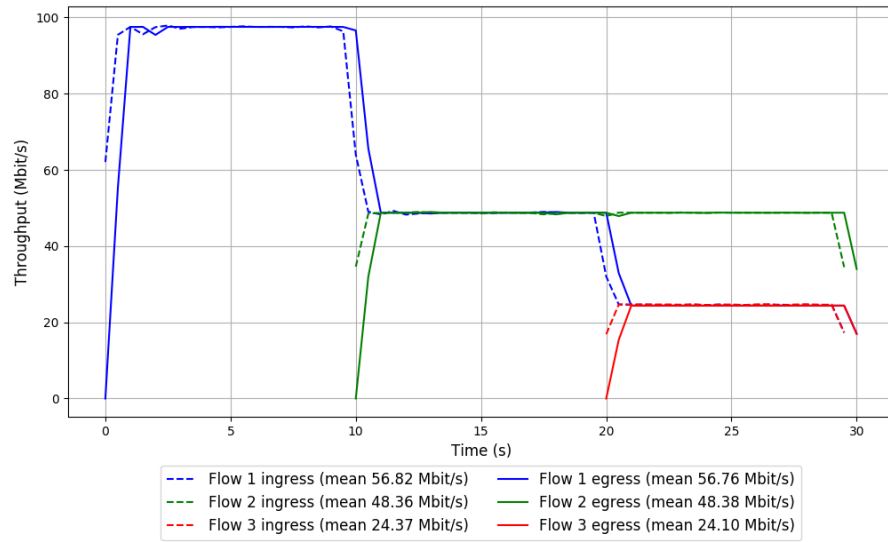


Run 4: Statistics of Indigo

Start at: 2019-08-27 13:09:53
End at: 2019-08-27 13:10:23
Local clock offset: -1.497 ms
Remote clock offset: -3.316 ms

Below is generated by plot.py at 2019-08-27 14:01:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 29.353 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 56.76 Mbit/s
95th percentile per-packet one-way delay: 29.432 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 48.38 Mbit/s
95th percentile per-packet one-way delay: 24.599 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 24.10 Mbit/s
95th percentile per-packet one-way delay: 29.455 ms
Loss rate: 1.37%

Run 4: Report of Indigo — Data Link

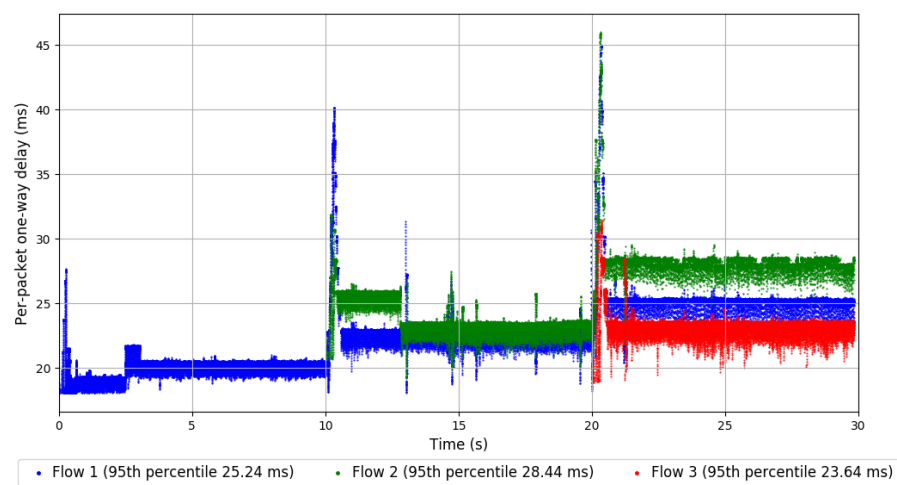
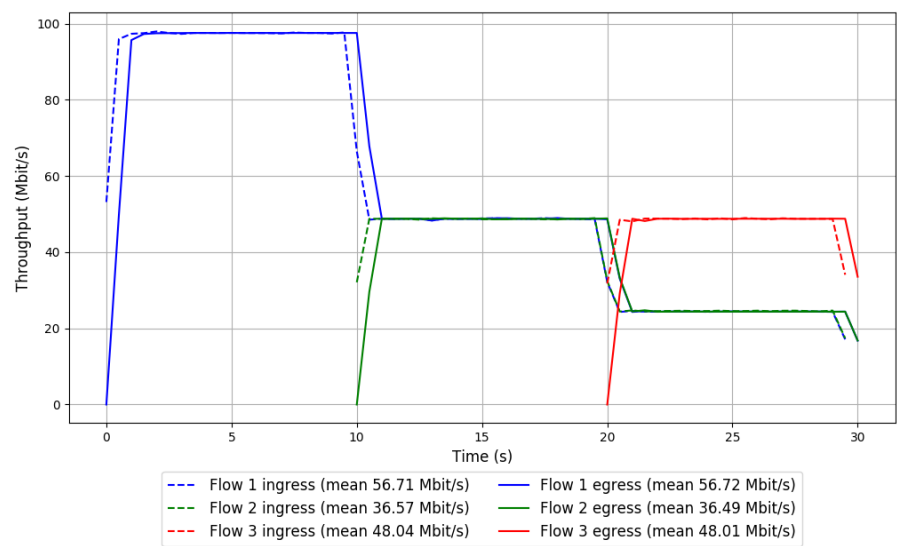


Run 5: Statistics of Indigo

Start at: 2019-08-27 13:38:54
End at: 2019-08-27 13:39:24
Local clock offset: -0.46 ms
Remote clock offset: -1.364 ms

Below is generated by plot.py at 2019-08-27 14:01:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 28.103 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.72 Mbit/s
95th percentile per-packet one-way delay: 25.242 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 36.49 Mbit/s
95th percentile per-packet one-way delay: 28.442 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 48.01 Mbit/s
95th percentile per-packet one-way delay: 23.637 ms
Loss rate: 0.29%

Run 5: Report of Indigo — Data Link

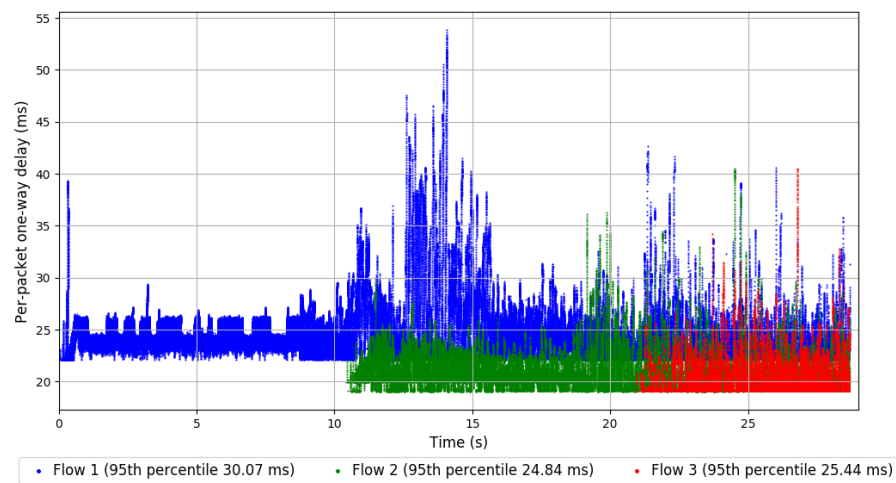
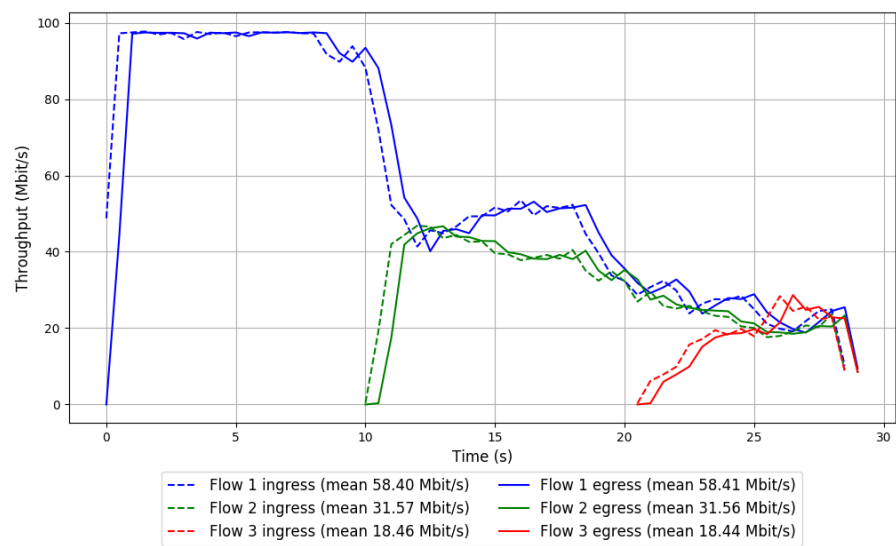


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-08-27 11:49:37
End at: 2019-08-27 11:50:07
Local clock offset: -0.861 ms
Remote clock offset: -2.335 ms

Below is generated by plot.py at 2019-08-27 14:01:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.51 Mbit/s
95th percentile per-packet one-way delay: 28.818 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 58.41 Mbit/s
95th percentile per-packet one-way delay: 30.074 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 31.56 Mbit/s
95th percentile per-packet one-way delay: 24.838 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 18.44 Mbit/s
95th percentile per-packet one-way delay: 25.437 ms
Loss rate: 0.42%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-08-27 12:19:09

End at: 2019-08-27 12:19:39

Local clock offset: 0.084 ms

Remote clock offset: -4.08 ms

Below is generated by plot.py at 2019-08-27 14:01:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.88 Mbit/s

95th percentile per-packet one-way delay: 28.816 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 43.89 Mbit/s

95th percentile per-packet one-way delay: 23.745 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 38.82 Mbit/s

95th percentile per-packet one-way delay: 30.714 ms

Loss rate: 0.07%

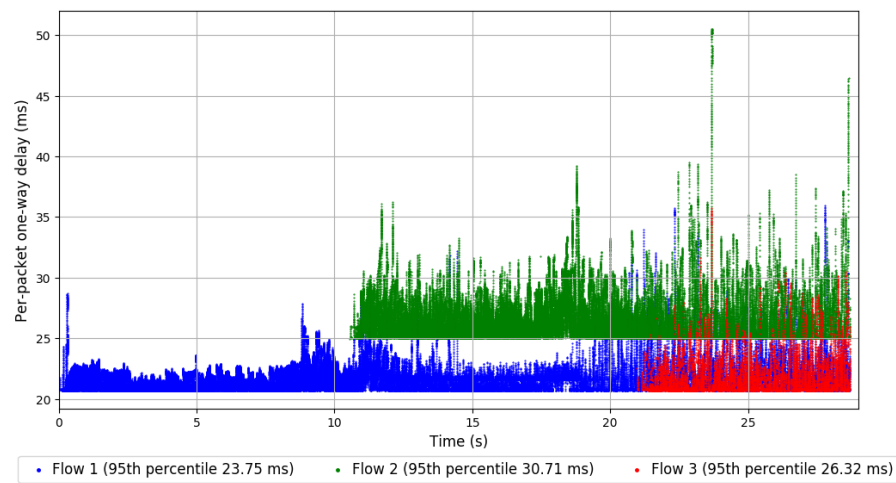
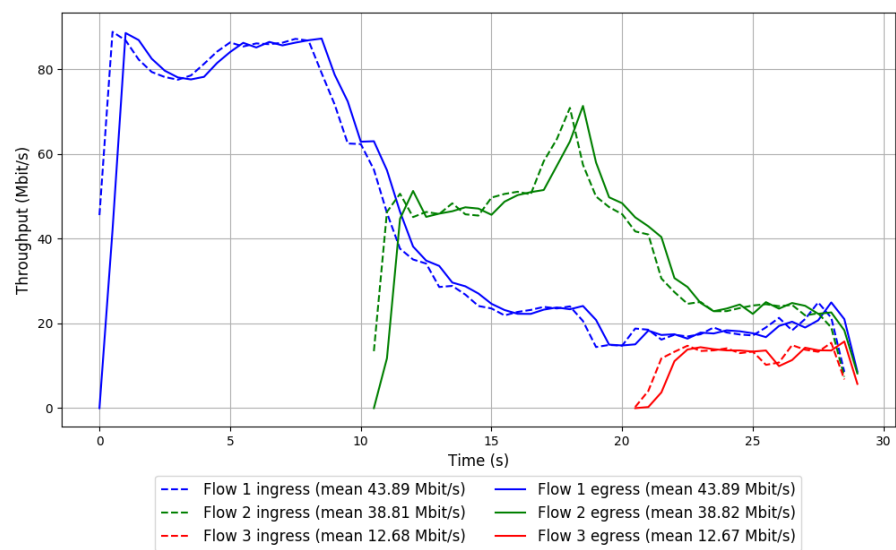
-- Flow 3:

Average throughput: 12.67 Mbit/s

95th percentile per-packet one-way delay: 26.325 ms

Loss rate: 0.63%

Run 2: Report of Indigo-MusesC3 — Data Link

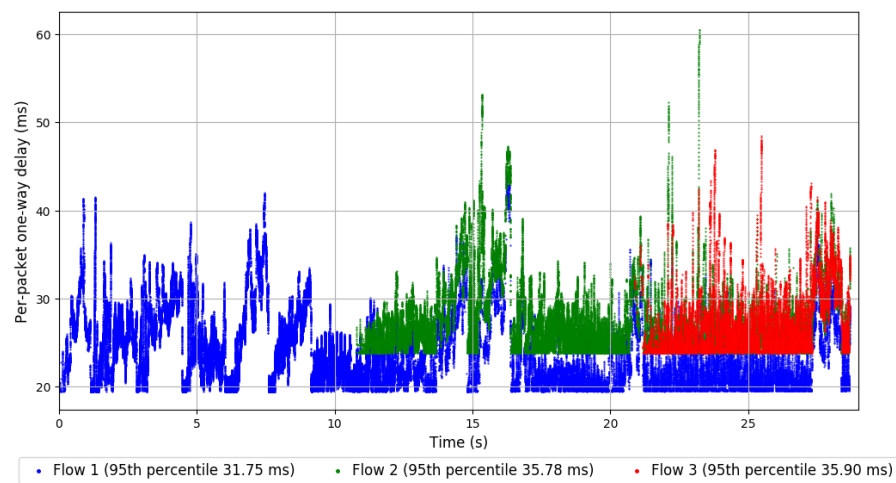
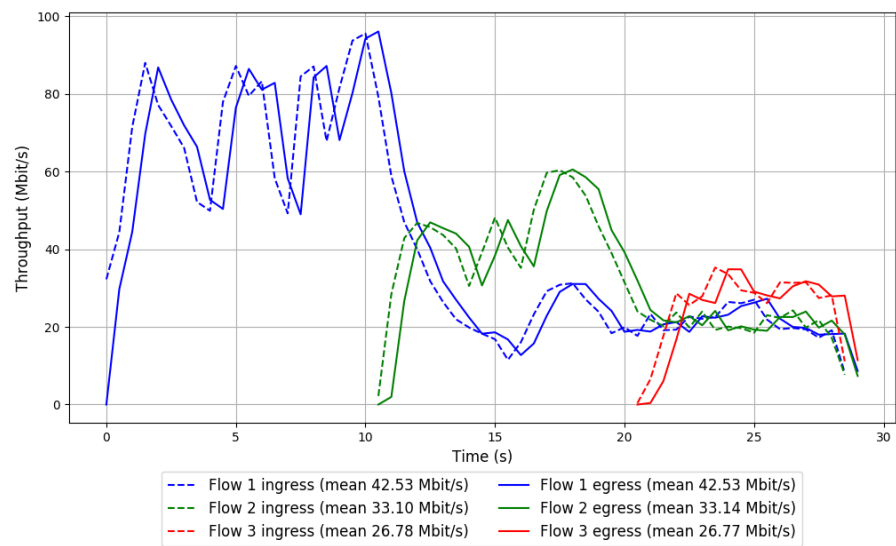


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-08-27 12:48:49
End at: 2019-08-27 12:49:19
Local clock offset: -0.55 ms
Remote clock offset: -2.927 ms

Below is generated by plot.py at 2019-08-27 14:01:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.55 Mbit/s
95th percentile per-packet one-way delay: 33.647 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 42.53 Mbit/s
95th percentile per-packet one-way delay: 31.750 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 33.14 Mbit/s
95th percentile per-packet one-way delay: 35.781 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 26.77 Mbit/s
95th percentile per-packet one-way delay: 35.902 ms
Loss rate: 0.35%

Run 3: Report of Indigo-MusesC3 — Data Link

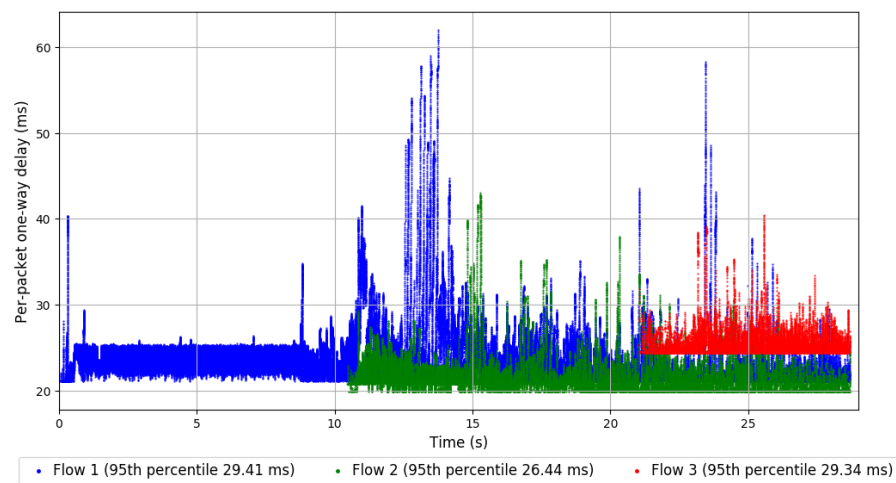
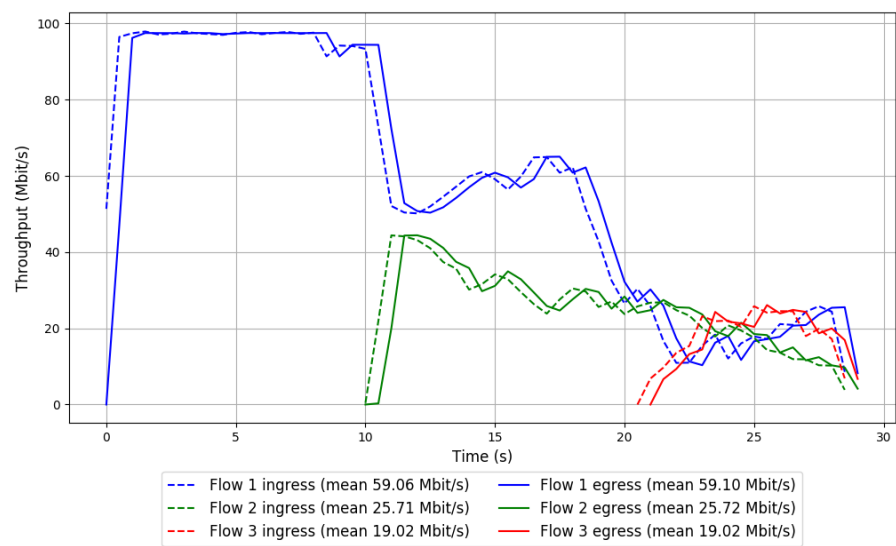


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-08-27 13:18:19
End at: 2019-08-27 13:18:49
Local clock offset: -0.561 ms
Remote clock offset: -3.272 ms

Below is generated by plot.py at 2019-08-27 14:01:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.58 Mbit/s
95th percentile per-packet one-way delay: 28.860 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 59.10 Mbit/s
95th percentile per-packet one-way delay: 29.411 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 25.72 Mbit/s
95th percentile per-packet one-way delay: 26.444 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 19.02 Mbit/s
95th percentile per-packet one-way delay: 29.343 ms
Loss rate: 0.30%

Run 4: Report of Indigo-MusesC3 — Data Link

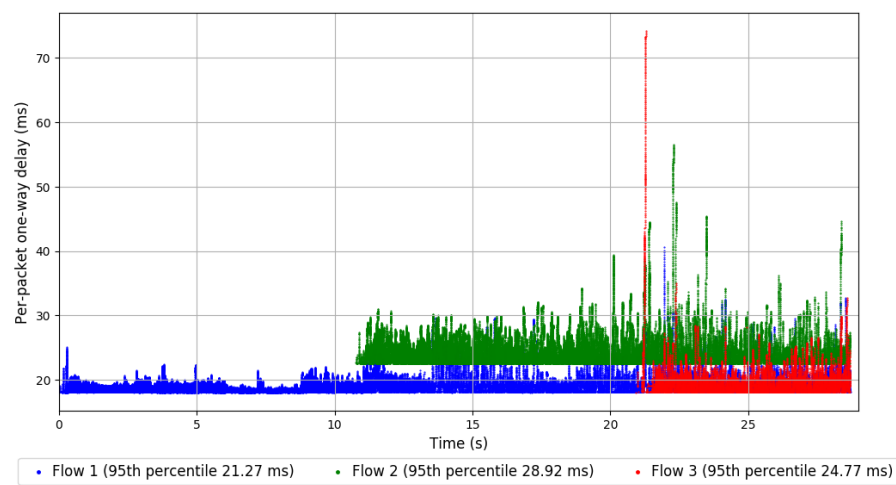
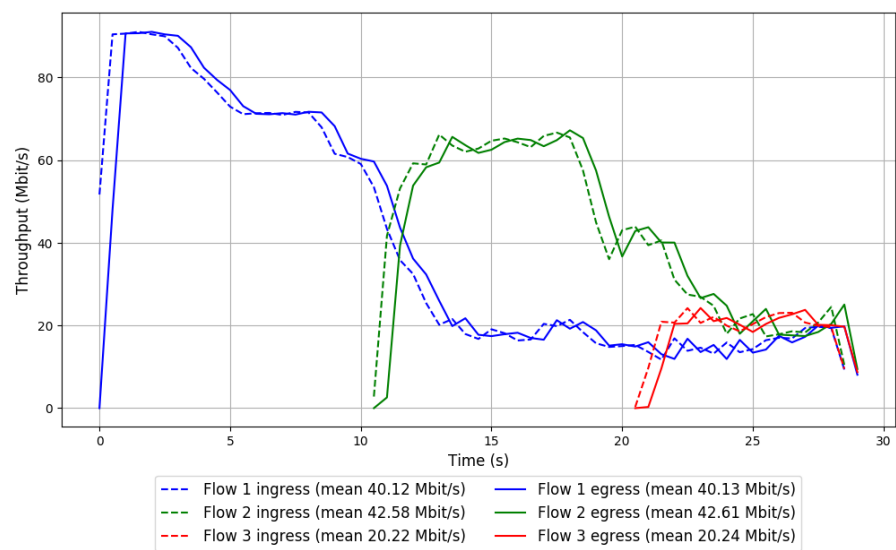


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-08-27 13:47:25
End at: 2019-08-27 13:47:55
Local clock offset: -0.833 ms
Remote clock offset: -2.071 ms

Below is generated by plot.py at 2019-08-27 14:01:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.27 Mbit/s
95th percentile per-packet one-way delay: 27.036 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 40.13 Mbit/s
95th percentile per-packet one-way delay: 21.268 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 42.61 Mbit/s
95th percentile per-packet one-way delay: 28.918 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 20.24 Mbit/s
95th percentile per-packet one-way delay: 24.773 ms
Loss rate: 0.47%

Run 5: Report of Indigo-MusesC3 — Data Link

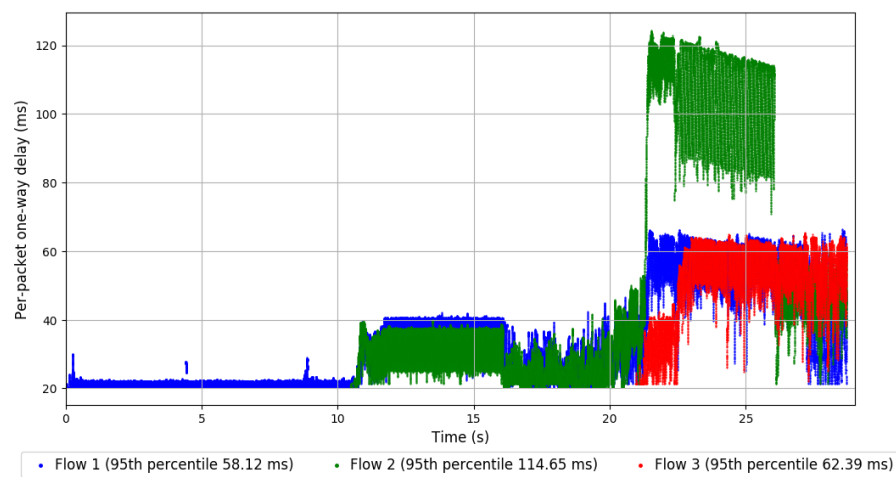
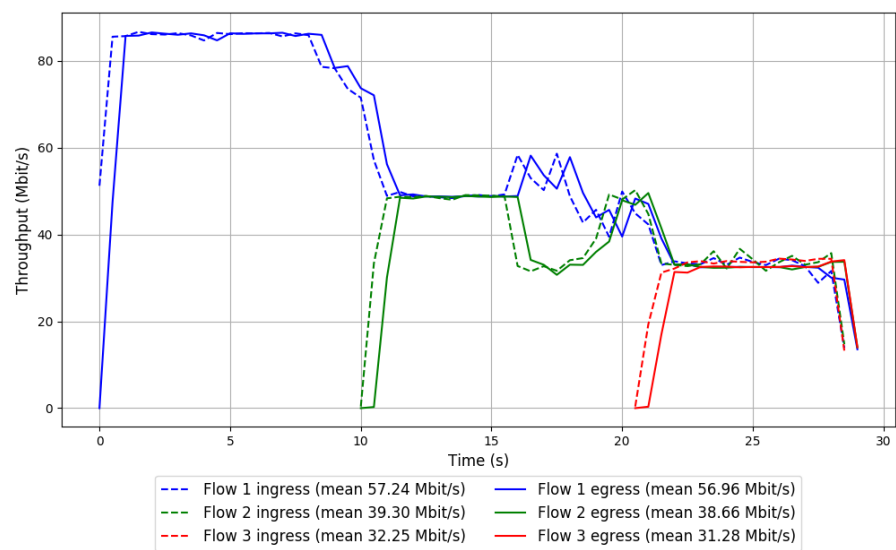


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-08-27 11:29:43
End at: 2019-08-27 11:30:13
Local clock offset: 0.023 ms
Remote clock offset: -4.318 ms

Below is generated by plot.py at 2019-08-27 14:01:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 90.408 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 56.96 Mbit/s
95th percentile per-packet one-way delay: 58.118 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 38.66 Mbit/s
95th percentile per-packet one-way delay: 114.651 ms
Loss rate: 1.75%
-- Flow 3:
Average throughput: 31.28 Mbit/s
95th percentile per-packet one-way delay: 62.386 ms
Loss rate: 3.19%

Run 1: Report of Indigo-MusesC5 — Data Link

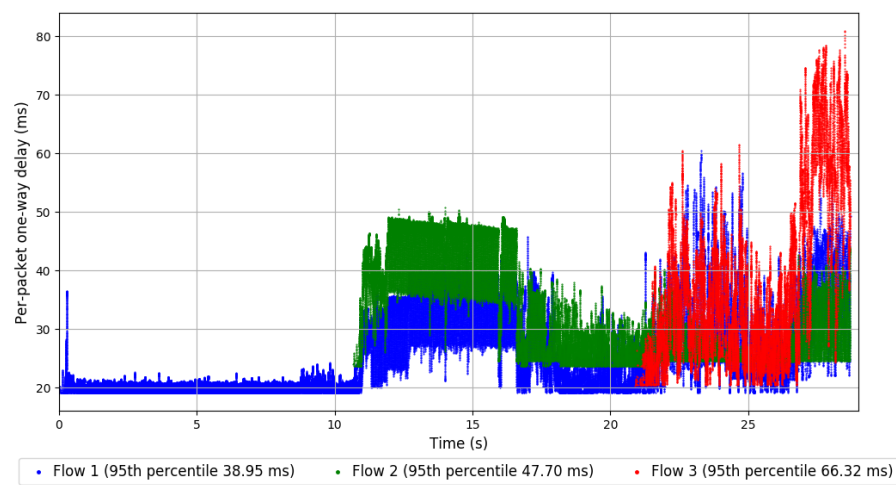
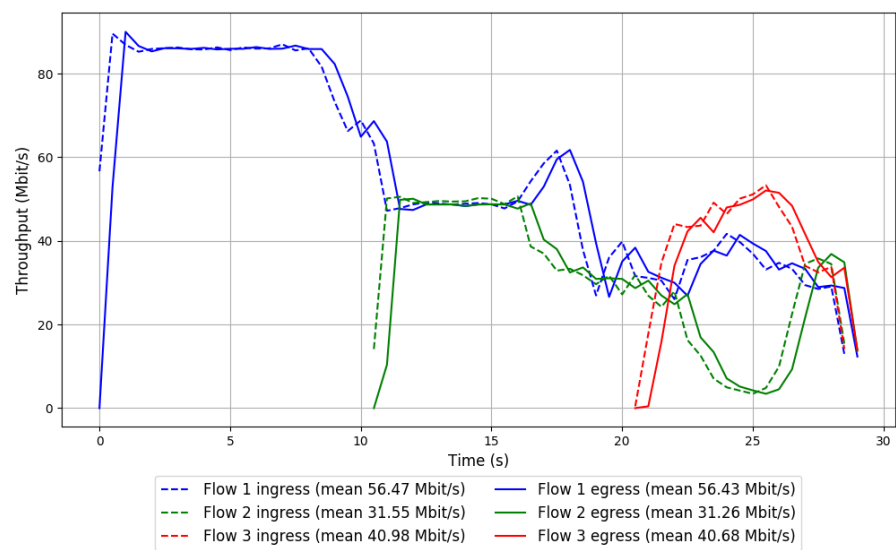


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-08-27 11:59:29
End at: 2019-08-27 11:59:59
Local clock offset: -1.261 ms
Remote clock offset: -3.949 ms

Below is generated by plot.py at 2019-08-27 14:02:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 47.056 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 56.43 Mbit/s
95th percentile per-packet one-way delay: 38.950 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 47.703 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 66.322 ms
Loss rate: 0.92%

Run 2: Report of Indigo-MusesC5 — Data Link

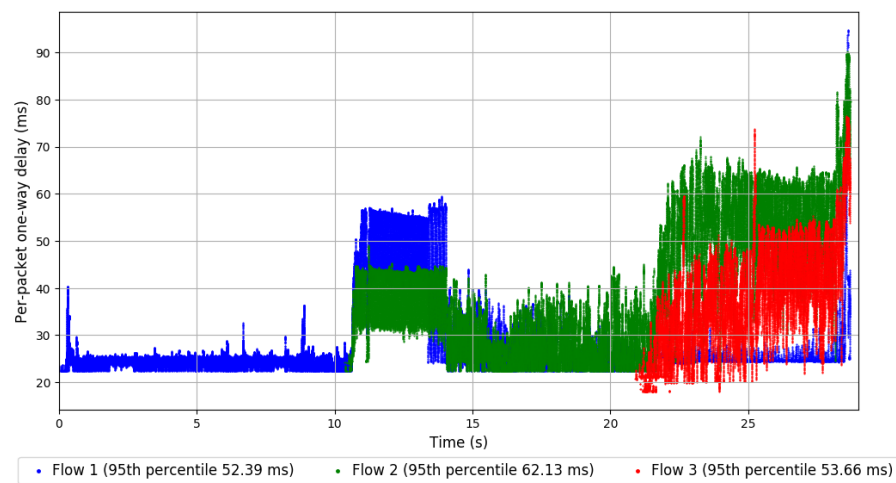
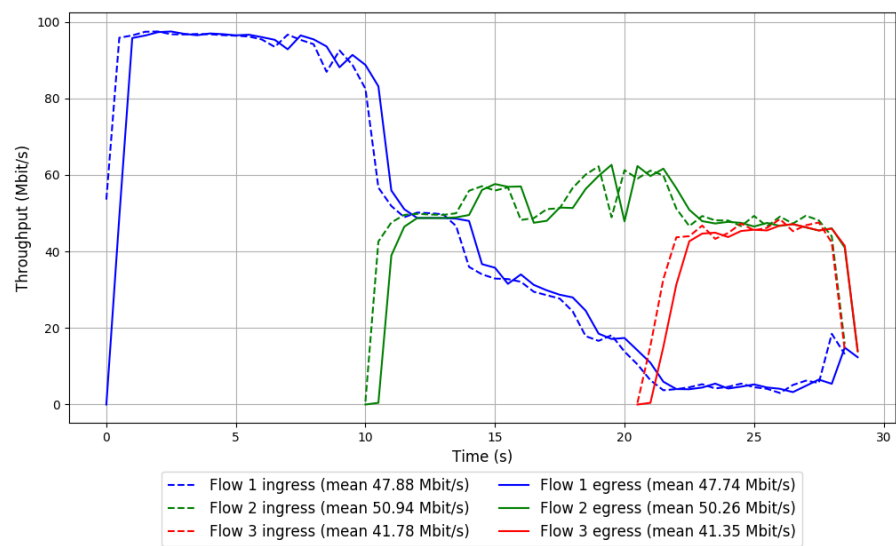


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-08-27 12:28:54
End at: 2019-08-27 12:29:24
Local clock offset: -1.152 ms
Remote clock offset: -2.541 ms

Below is generated by plot.py at 2019-08-27 14:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.16 Mbit/s
95th percentile per-packet one-way delay: 57.250 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 47.74 Mbit/s
95th percentile per-packet one-way delay: 52.391 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 62.126 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 41.35 Mbit/s
95th percentile per-packet one-way delay: 53.656 ms
Loss rate: 1.27%

Run 3: Report of Indigo-MusesC5 — Data Link

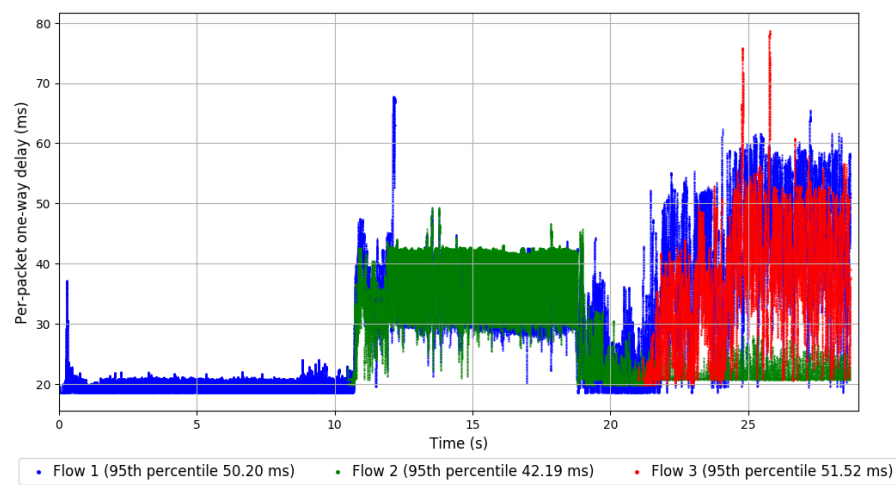
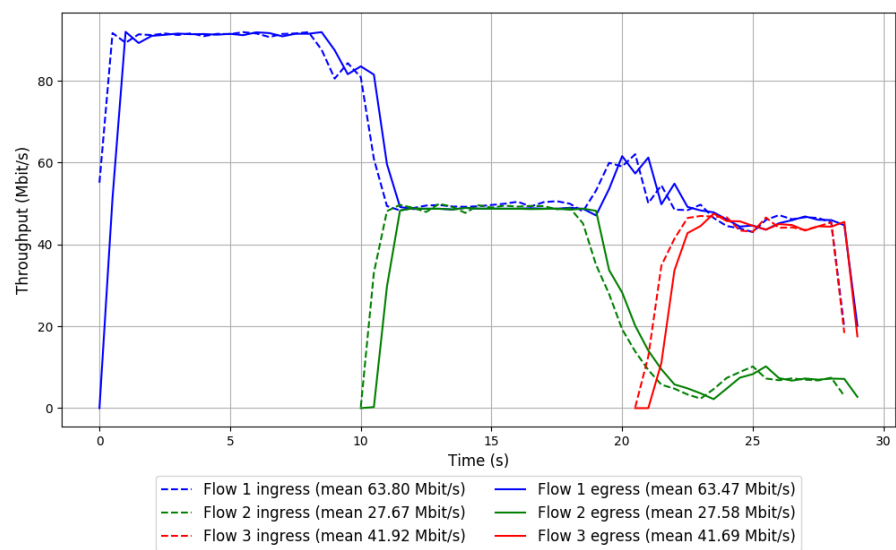


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-08-27 12:58:46
End at: 2019-08-27 12:59:16
Local clock offset: -0.513 ms
Remote clock offset: -1.748 ms

Below is generated by plot.py at 2019-08-27 14:02:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.23 Mbit/s
95th percentile per-packet one-way delay: 49.475 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 63.47 Mbit/s
95th percentile per-packet one-way delay: 50.202 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 27.58 Mbit/s
95th percentile per-packet one-way delay: 42.194 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 41.69 Mbit/s
95th percentile per-packet one-way delay: 51.520 ms
Loss rate: 0.77%

Run 4: Report of Indigo-MusesC5 — Data Link

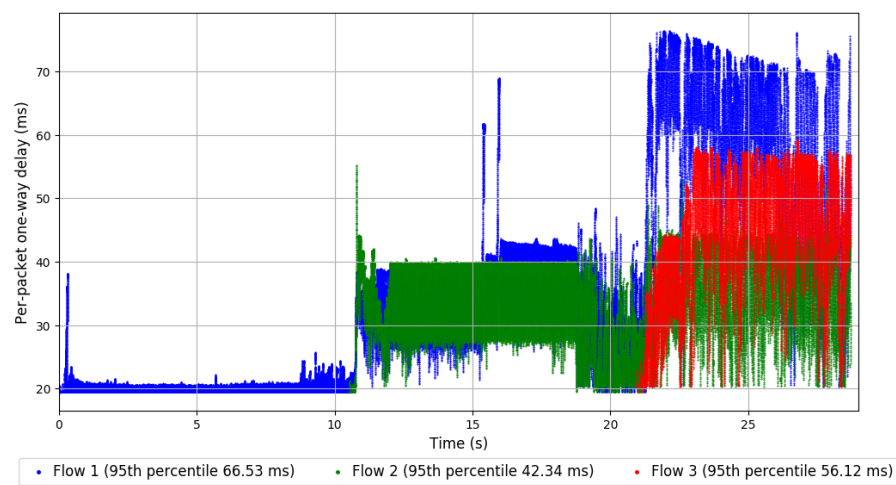
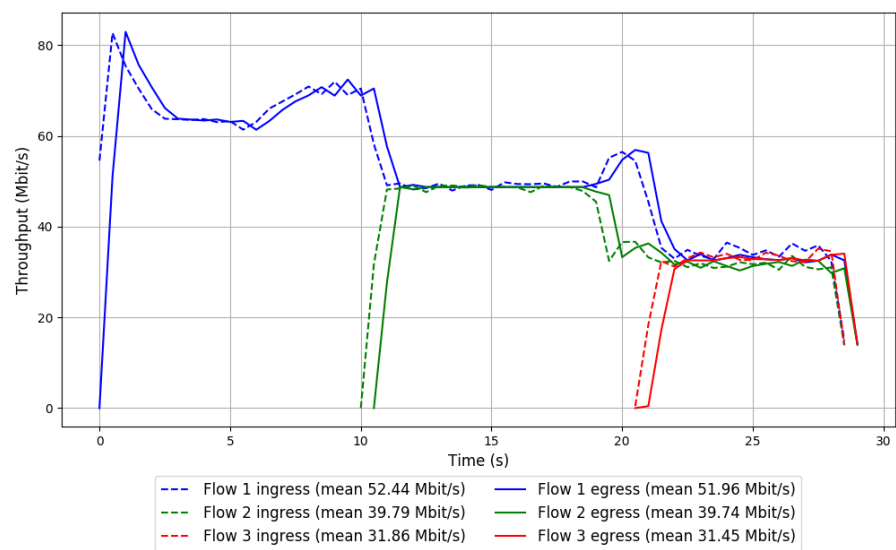


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-08-27 13:28:08
End at: 2019-08-27 13:28:38
Local clock offset: -0.081 ms
Remote clock offset: -2.291 ms

Below is generated by plot.py at 2019-08-27 14:02:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.73 Mbit/s
95th percentile per-packet one-way delay: 61.279 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 51.96 Mbit/s
95th percentile per-packet one-way delay: 66.530 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 42.335 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 31.45 Mbit/s
95th percentile per-packet one-way delay: 56.120 ms
Loss rate: 1.51%

Run 5: Report of Indigo-MusesC5 — Data Link

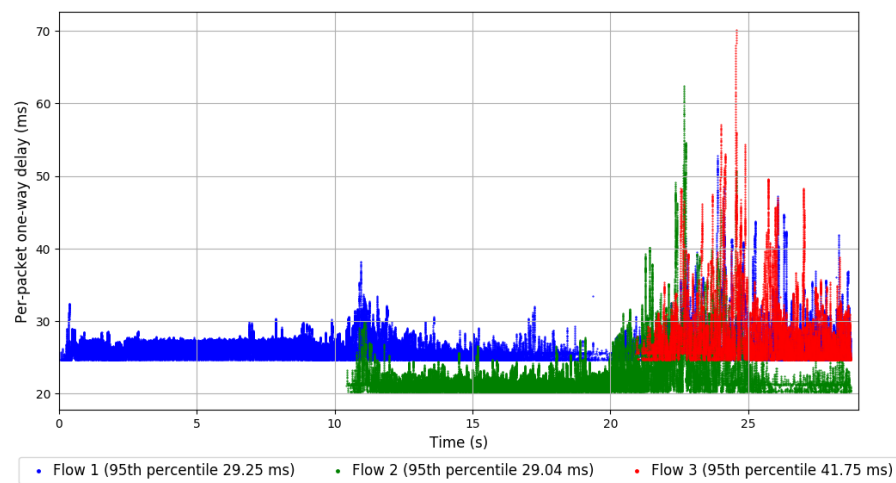
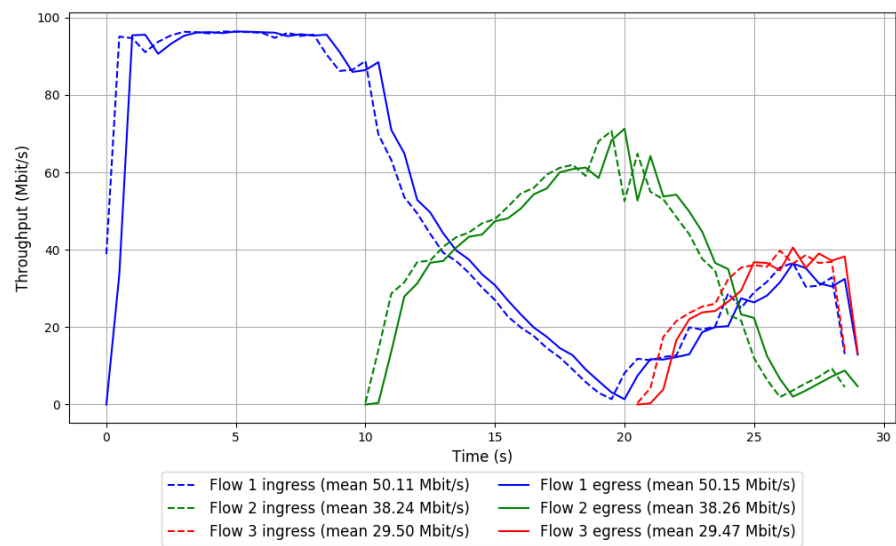


Run 1: Statistics of Indigo-MusesD

Start at: 2019-08-27 11:52:05
End at: 2019-08-27 11:52:35
Local clock offset: -0.55 ms
Remote clock offset: -4.527 ms

Below is generated by plot.py at 2019-08-27 14:02:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.51 Mbit/s
95th percentile per-packet one-way delay: 30.701 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 29.251 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.26 Mbit/s
95th percentile per-packet one-way delay: 29.044 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 29.47 Mbit/s
95th percentile per-packet one-way delay: 41.752 ms
Loss rate: 0.42%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-08-27 12:21:33

End at: 2019-08-27 12:22:03

Local clock offset: -1.022 ms

Remote clock offset: -3.47 ms

Below is generated by plot.py at 2019-08-27 14:02:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.86 Mbit/s

95th percentile per-packet one-way delay: 92.928 ms

Loss rate: 0.64%

-- Flow 1:

Average throughput: 48.39 Mbit/s

95th percentile per-packet one-way delay: 28.699 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 50.67 Mbit/s

95th percentile per-packet one-way delay: 121.105 ms

Loss rate: 1.53%

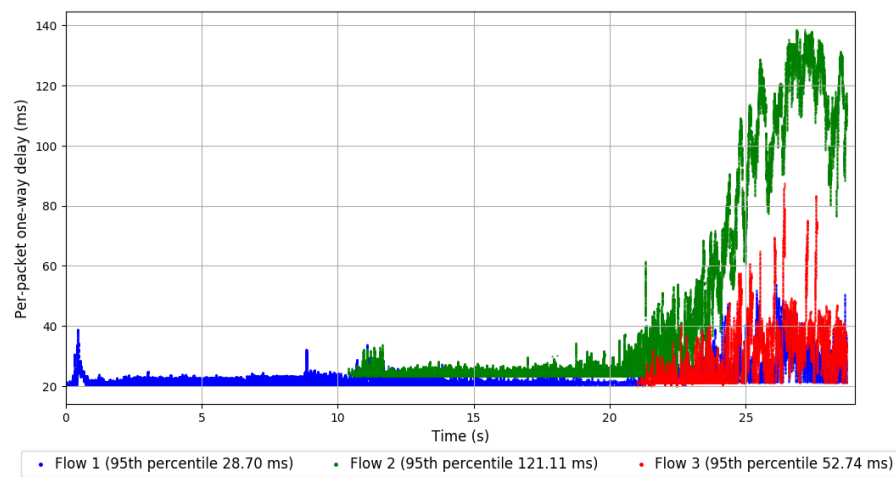
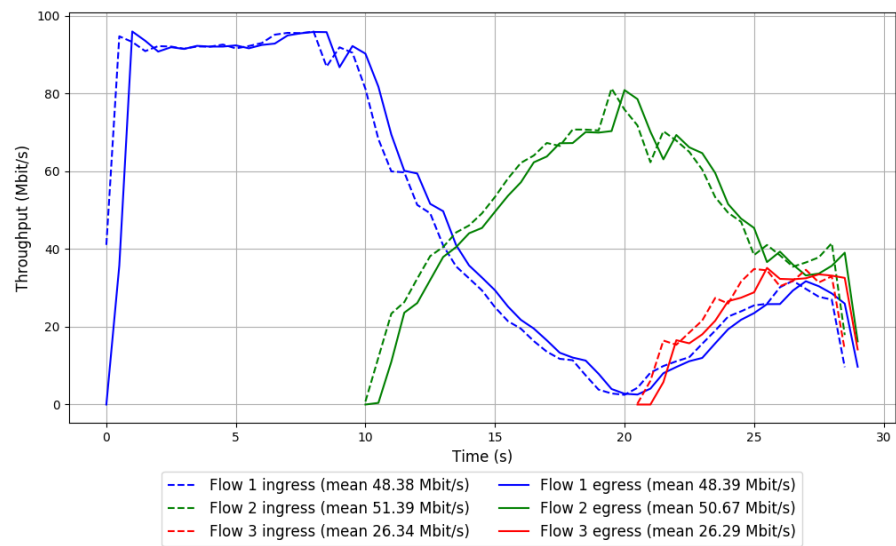
-- Flow 3:

Average throughput: 26.29 Mbit/s

95th percentile per-packet one-way delay: 52.745 ms

Loss rate: 0.49%

Run 2: Report of Indigo-MusesD — Data Link

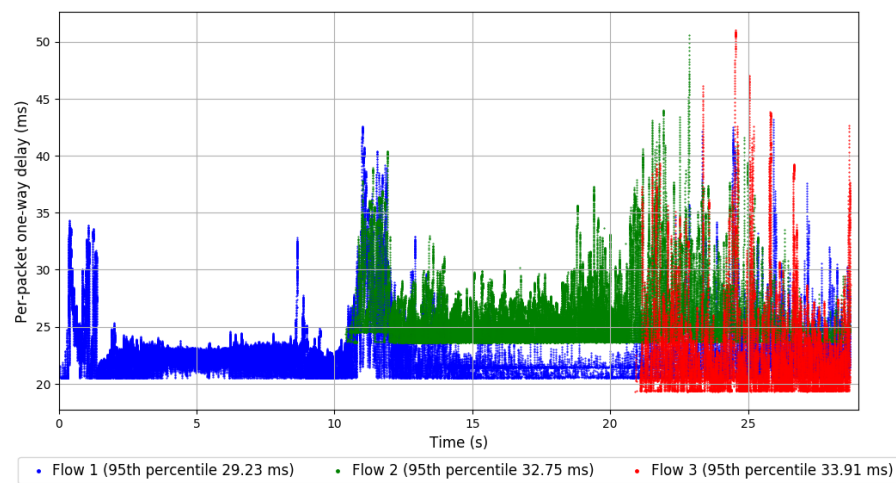
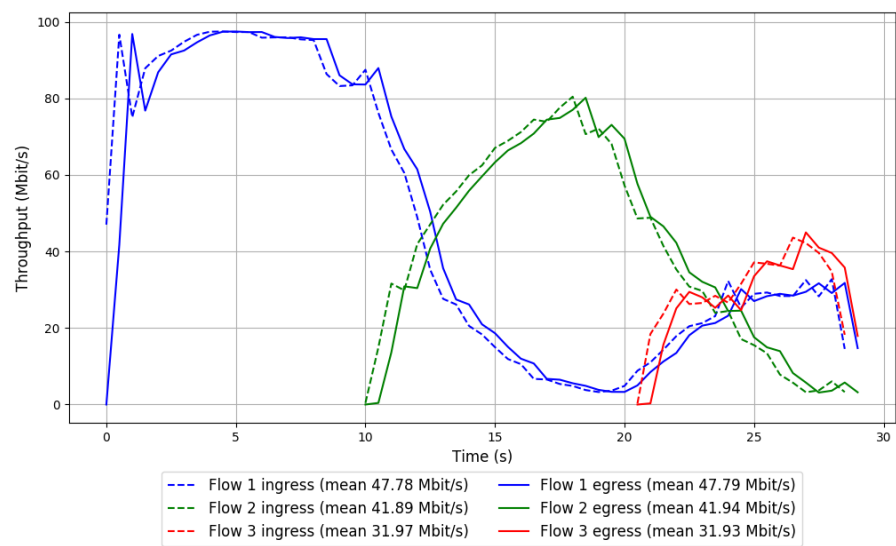


Run 3: Statistics of Indigo-MusesD

Start at: 2019-08-27 12:51:33
End at: 2019-08-27 12:52:03
Local clock offset: -0.142 ms
Remote clock offset: -2.298 ms

Below is generated by plot.py at 2019-08-27 14:02:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.24 Mbit/s
95th percentile per-packet one-way delay: 31.113 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 47.79 Mbit/s
95th percentile per-packet one-way delay: 29.234 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 41.94 Mbit/s
95th percentile per-packet one-way delay: 32.748 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 33.913 ms
Loss rate: 0.33%

Run 3: Report of Indigo-MusesD — Data Link

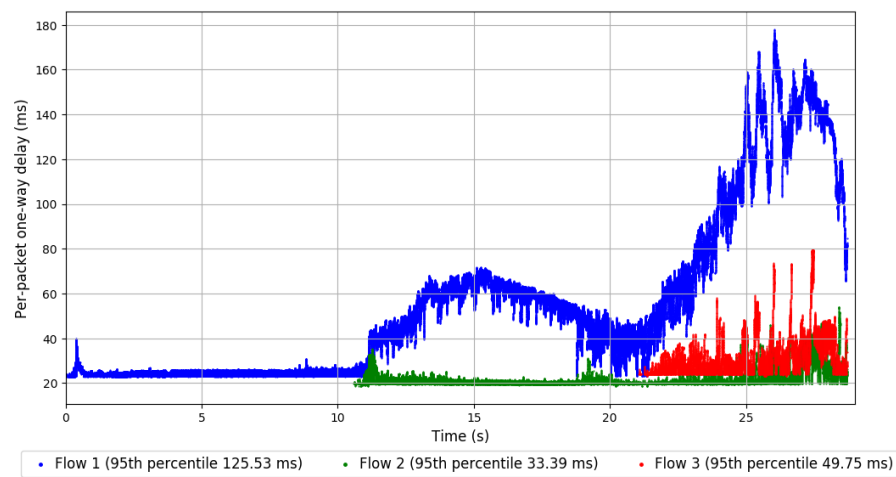
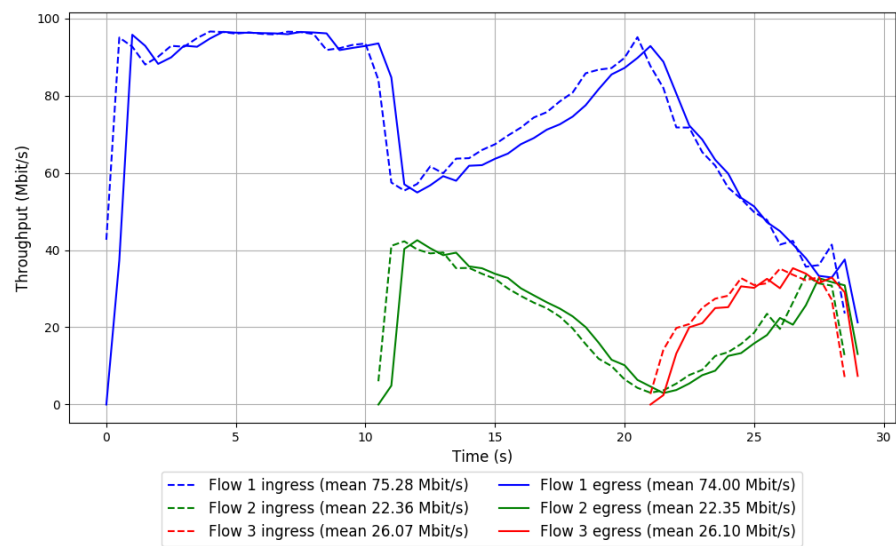


Run 4: Statistics of Indigo-MusesD

Start at: 2019-08-27 13:20:51
End at: 2019-08-27 13:21:21
Local clock offset: -1.315 ms
Remote clock offset: -2.751 ms

Below is generated by plot.py at 2019-08-27 14:03:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.10 Mbit/s
95th percentile per-packet one-way delay: 111.919 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 74.00 Mbit/s
95th percentile per-packet one-way delay: 125.530 ms
Loss rate: 1.79%
-- Flow 2:
Average throughput: 22.35 Mbit/s
95th percentile per-packet one-way delay: 33.394 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 26.10 Mbit/s
95th percentile per-packet one-way delay: 49.751 ms
Loss rate: 0.23%

Run 4: Report of Indigo-MusesD — Data Link

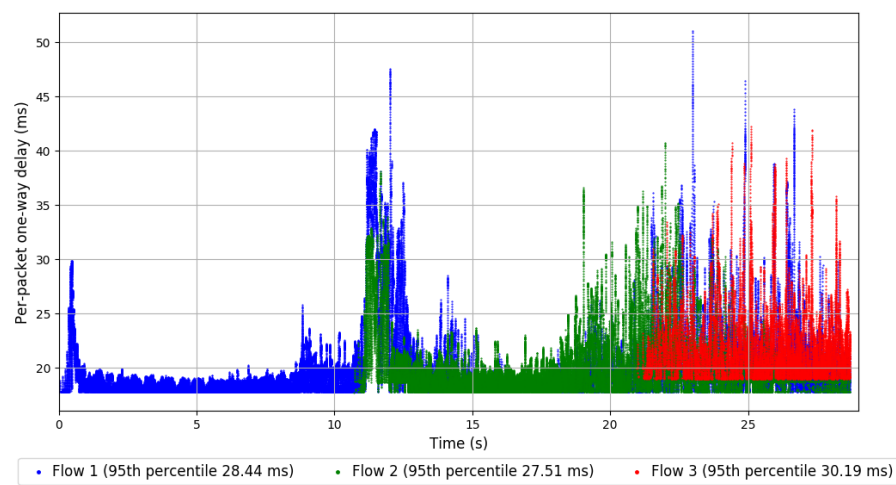
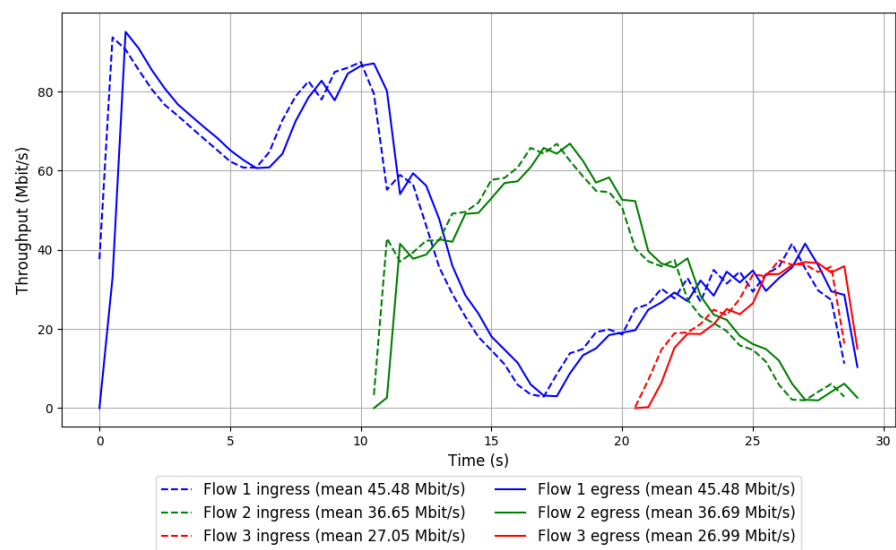


Run 5: Statistics of Indigo-MusesD

Start at: 2019-08-27 13:49:56
End at: 2019-08-27 13:50:26
Local clock offset: -1.381 ms
Remote clock offset: -2.251 ms

Below is generated by plot.py at 2019-08-27 14:03:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.79 Mbit/s
95th percentile per-packet one-way delay: 28.311 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 45.48 Mbit/s
95th percentile per-packet one-way delay: 28.443 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.69 Mbit/s
95th percentile per-packet one-way delay: 27.506 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 30.189 ms
Loss rate: 0.59%

Run 5: Report of Indigo-MusesD — Data Link

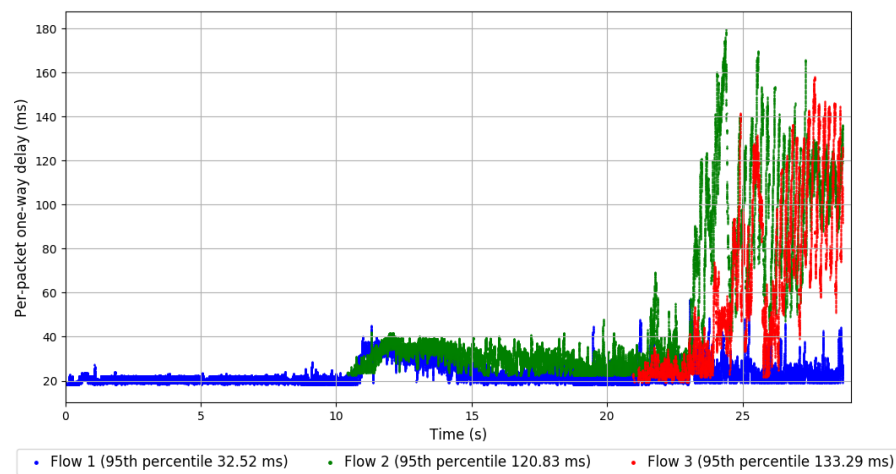
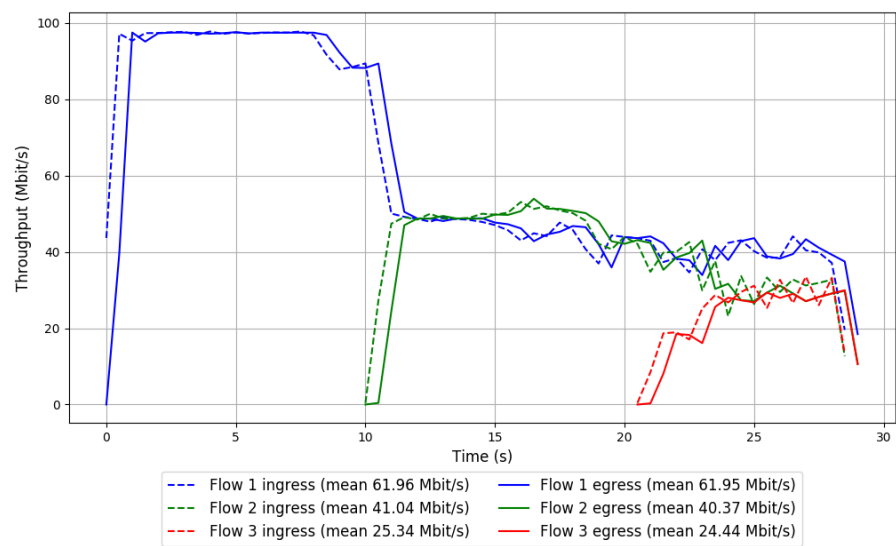


Run 1: Statistics of Indigo-MusesT

Start at: 2019-08-27 11:45:57
End at: 2019-08-27 11:46:27
Local clock offset: -0.663 ms
Remote clock offset: -2.683 ms

Below is generated by plot.py at 2019-08-27 14:03:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 97.333 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 61.95 Mbit/s
95th percentile per-packet one-way delay: 32.518 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.37 Mbit/s
95th percentile per-packet one-way delay: 120.833 ms
Loss rate: 1.79%
-- Flow 3:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 133.288 ms
Loss rate: 3.91%

Run 1: Report of Indigo-MusesT — Data Link

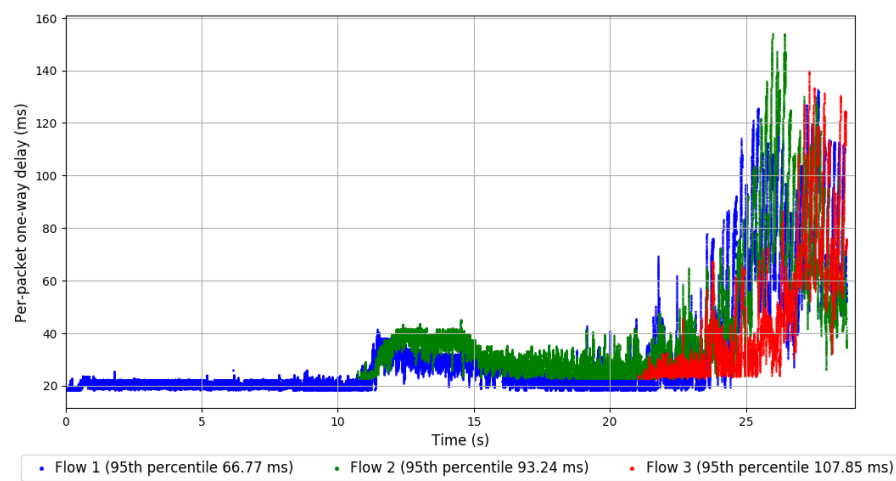
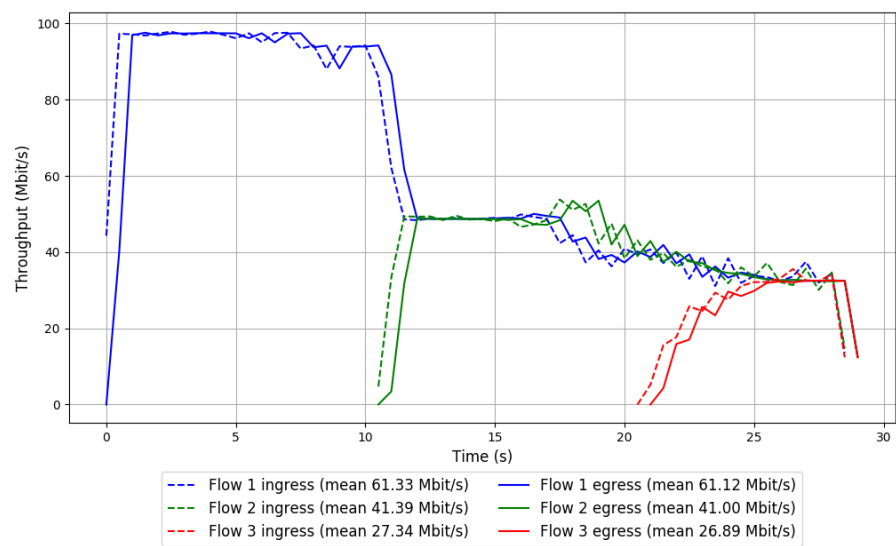


Run 2: Statistics of Indigo-MusesT

Start at: 2019-08-27 12:15:23
End at: 2019-08-27 12:15:53
Local clock offset: -0.765 ms
Remote clock offset: -2.438 ms

Below is generated by plot.py at 2019-08-27 14:03:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.04 Mbit/s
95th percentile per-packet one-way delay: 81.018 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 61.12 Mbit/s
95th percentile per-packet one-way delay: 66.770 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 41.00 Mbit/s
95th percentile per-packet one-way delay: 93.241 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 26.89 Mbit/s
95th percentile per-packet one-way delay: 107.850 ms
Loss rate: 1.99%

Run 2: Report of Indigo-MusesT — Data Link

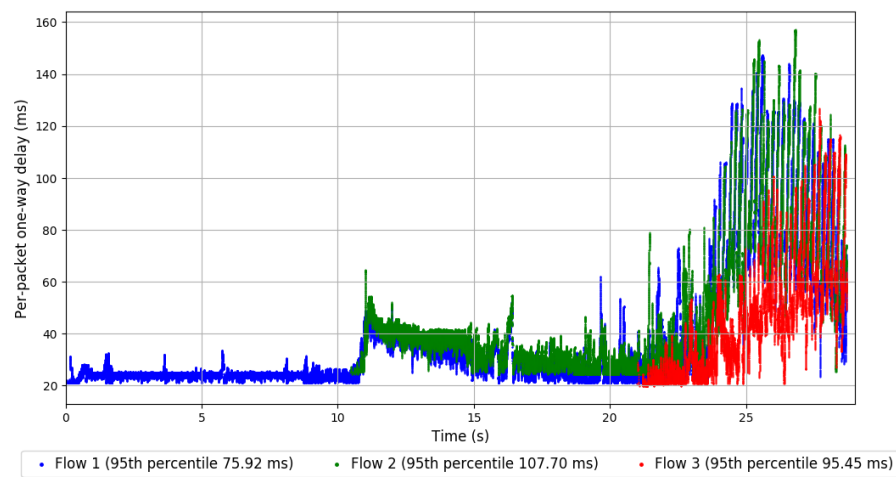
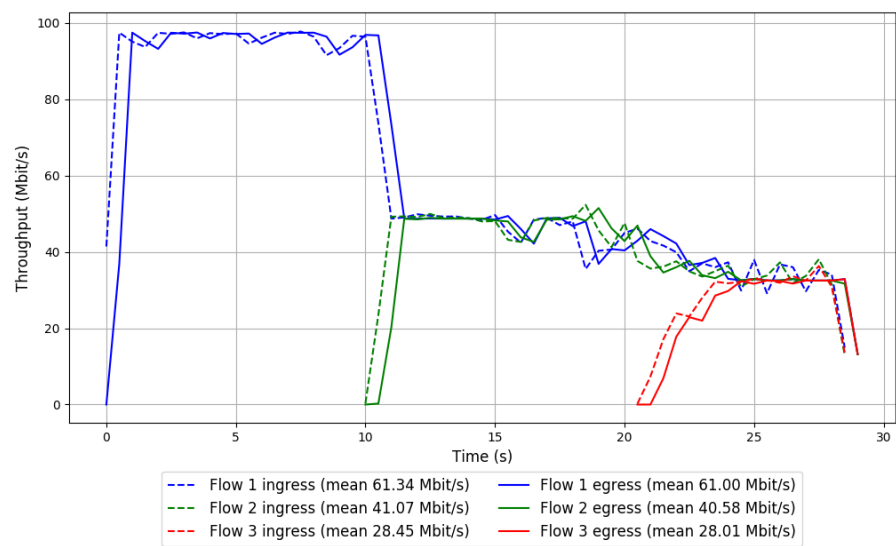


Run 3: Statistics of Indigo-MusesT

Start at: 2019-08-27 12:45:00
End at: 2019-08-27 12:45:30
Local clock offset: -1.019 ms
Remote clock offset: -3.714 ms

Below is generated by plot.py at 2019-08-27 14:03:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 92.138 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 61.00 Mbit/s
95th percentile per-packet one-way delay: 75.923 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 40.58 Mbit/s
95th percentile per-packet one-way delay: 107.697 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 28.01 Mbit/s
95th percentile per-packet one-way delay: 95.451 ms
Loss rate: 1.84%

Run 3: Report of Indigo-MusesT — Data Link

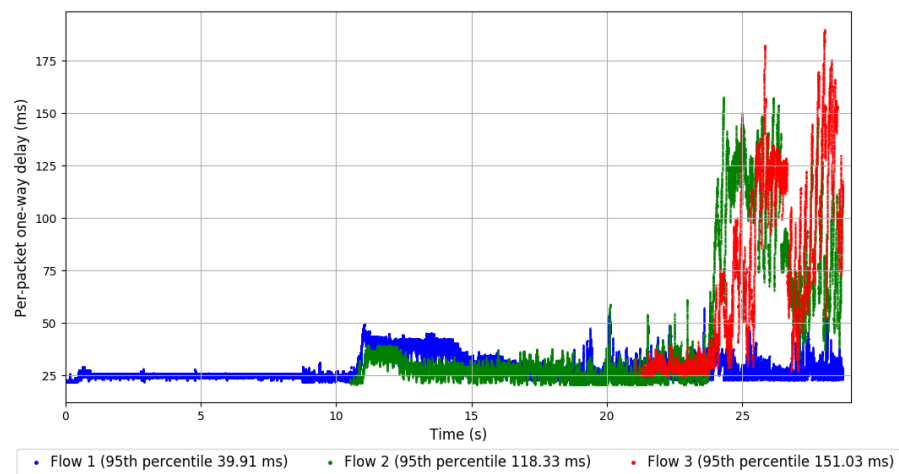
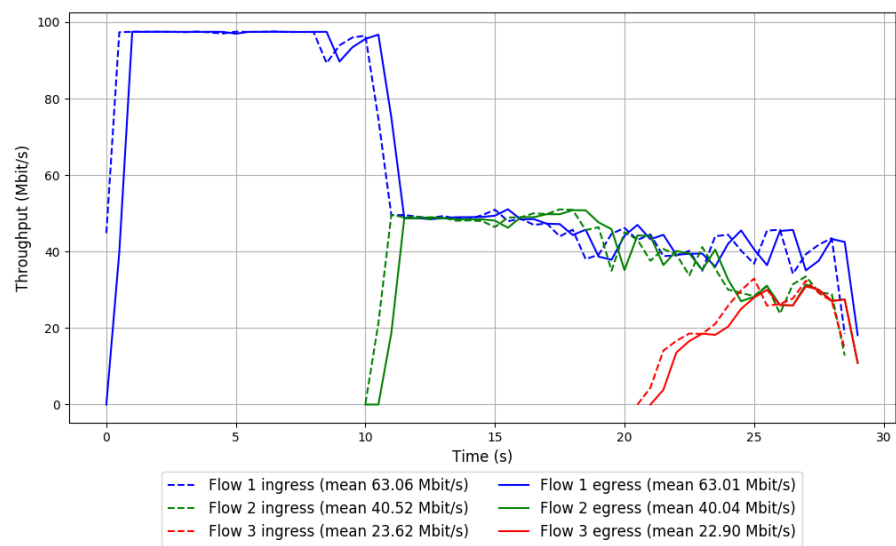


Run 4: Statistics of Indigo-MusesT

Start at: 2019-08-27 13:14:42
End at: 2019-08-27 13:15:12
Local clock offset: -0.307 ms
Remote clock offset: -3.603 ms

Below is generated by plot.py at 2019-08-27 14:03:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.59 Mbit/s
95th percentile per-packet one-way delay: 91.480 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 63.01 Mbit/s
95th percentile per-packet one-way delay: 39.905 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 40.04 Mbit/s
95th percentile per-packet one-way delay: 118.326 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 22.90 Mbit/s
95th percentile per-packet one-way delay: 151.026 ms
Loss rate: 3.42%

Run 4: Report of Indigo-MusesT — Data Link

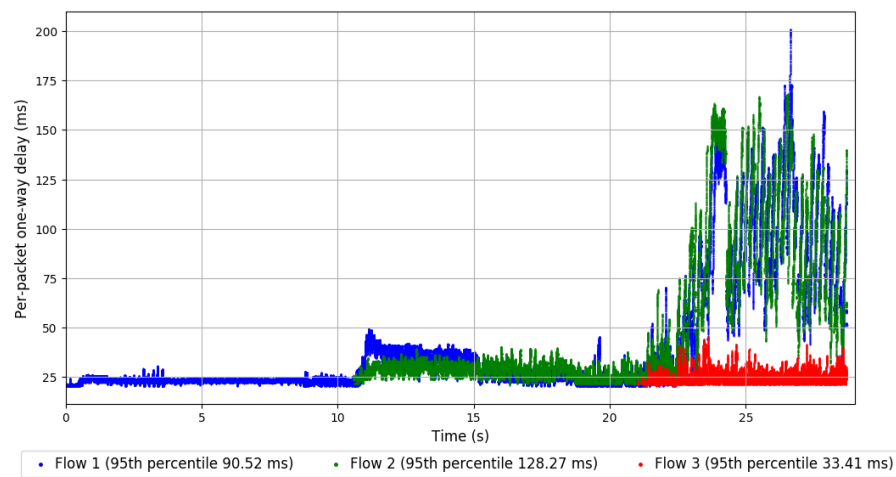
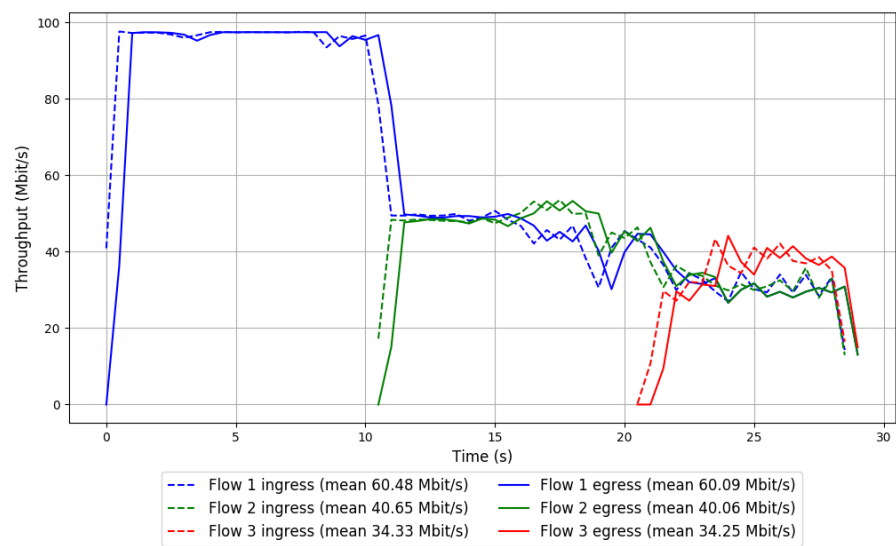


Run 5: Statistics of Indigo-MusesT

Start at: 2019-08-27 13:43:45
End at: 2019-08-27 13:44:15
Local clock offset: -0.715 ms
Remote clock offset: -4.215 ms

Below is generated by plot.py at 2019-08-27 14:03:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.68 Mbit/s
95th percentile per-packet one-way delay: 103.041 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 60.09 Mbit/s
95th percentile per-packet one-way delay: 90.518 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 40.06 Mbit/s
95th percentile per-packet one-way delay: 128.269 ms
Loss rate: 1.56%
-- Flow 3:
Average throughput: 34.25 Mbit/s
95th percentile per-packet one-way delay: 33.406 ms
Loss rate: 0.49%

Run 5: Report of Indigo-MusesT — Data Link

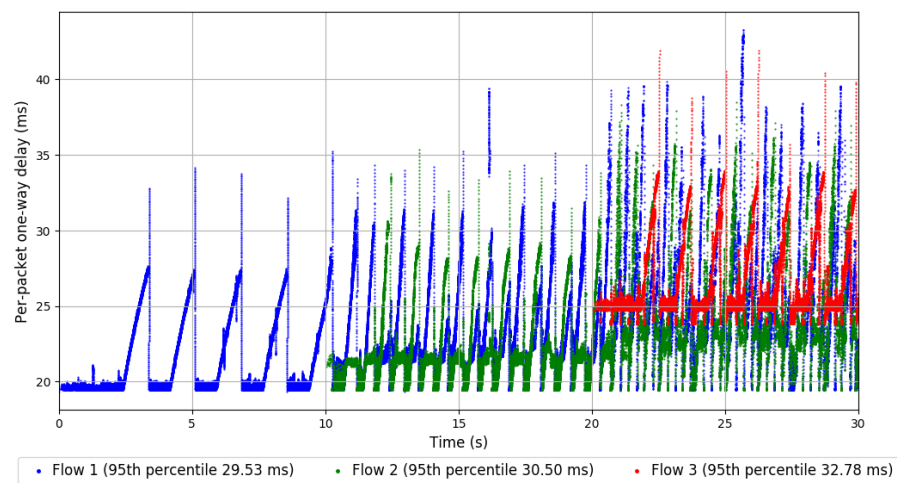
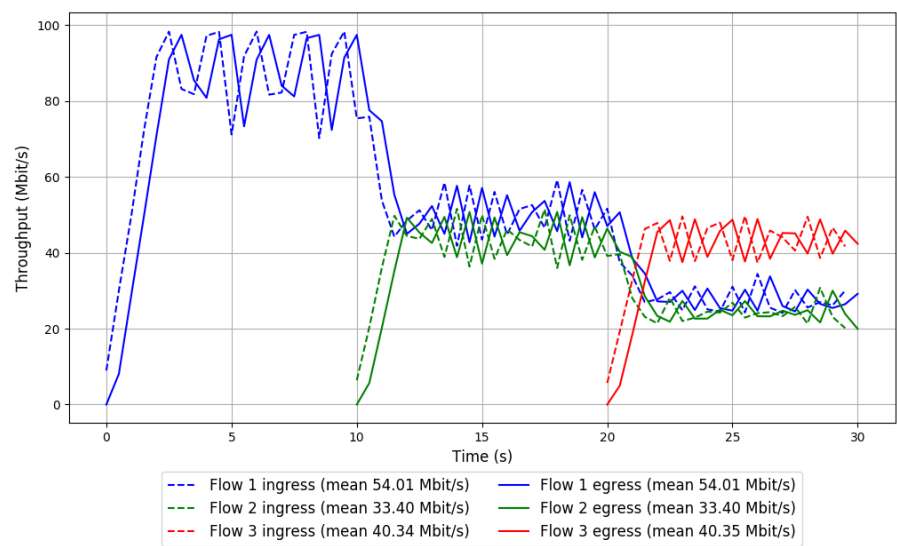


Run 1: Statistics of LEDBAT

Start at: 2019-08-27 11:47:09
End at: 2019-08-27 11:47:39
Local clock offset: -0.624 ms
Remote clock offset: -3.846 ms

Below is generated by plot.py at 2019-08-27 14:03:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.63 Mbit/s
95th percentile per-packet one-way delay: 30.969 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 54.01 Mbit/s
95th percentile per-packet one-way delay: 29.529 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 33.40 Mbit/s
95th percentile per-packet one-way delay: 30.505 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 40.35 Mbit/s
95th percentile per-packet one-way delay: 32.777 ms
Loss rate: 0.27%

Run 1: Report of LEDBAT — Data Link

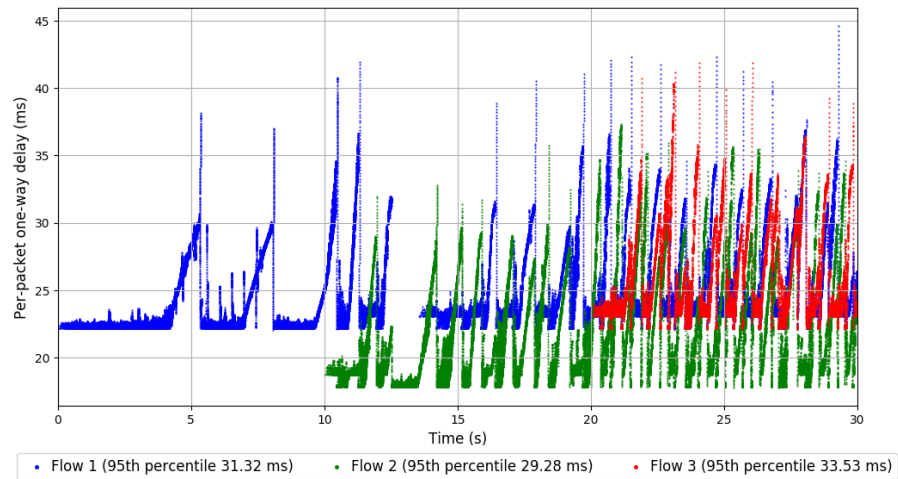
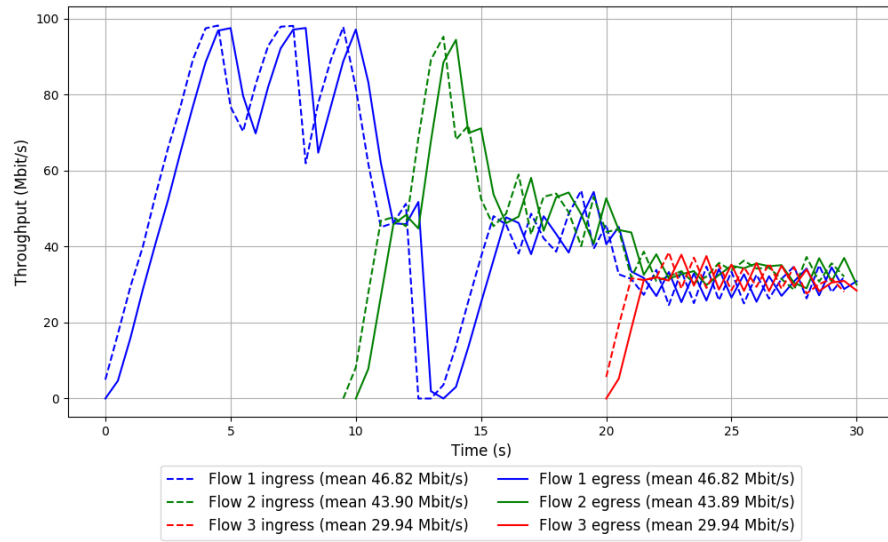


Run 2: Statistics of LEDBAT

Start at: 2019-08-27 12:16:38
End at: 2019-08-27 12:17:08
Local clock offset: -0.752 ms
Remote clock offset: -1.974 ms

Below is generated by plot.py at 2019-08-27 14:03:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 31.362 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 46.82 Mbit/s
95th percentile per-packet one-way delay: 31.319 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 29.277 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 29.94 Mbit/s
95th percentile per-packet one-way delay: 33.526 ms
Loss rate: 0.30%

Run 2: Report of LEDBAT — Data Link

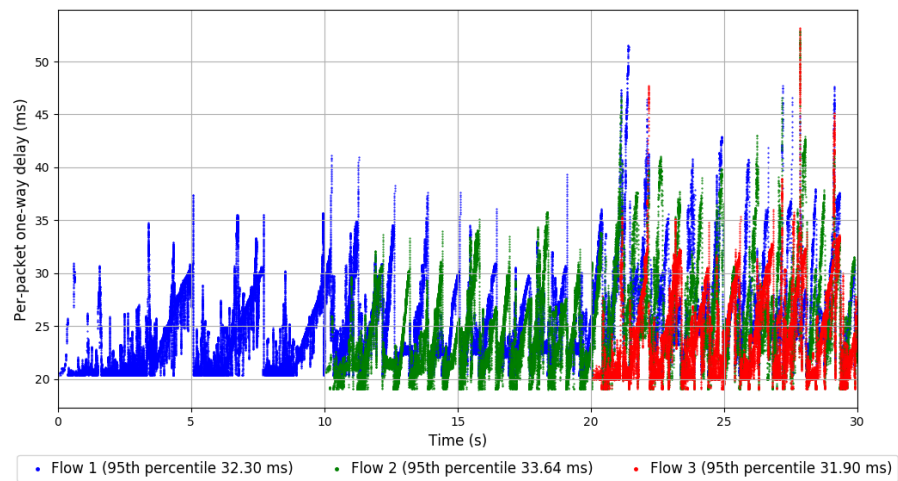
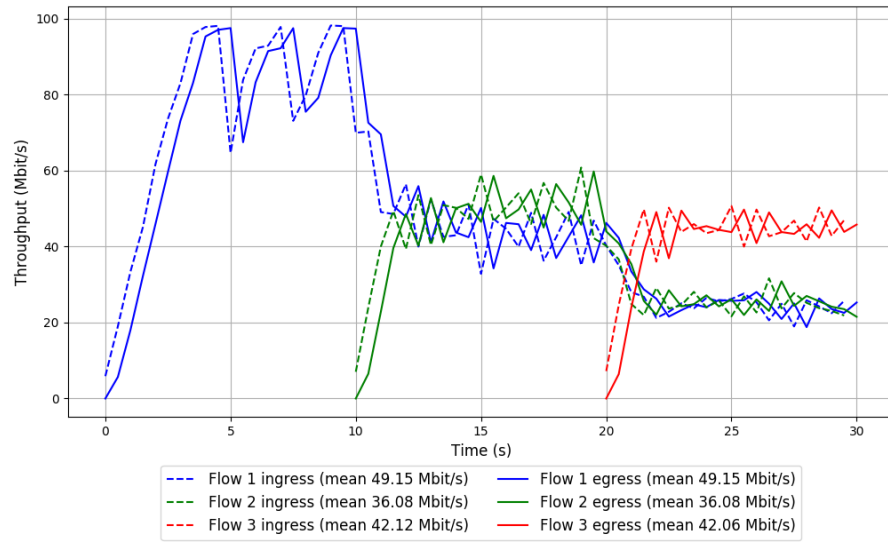


Run 3: Statistics of LEDBAT

Start at: 2019-08-27 12:46:15
End at: 2019-08-27 12:46:45
Local clock offset: -0.967 ms
Remote clock offset: -3.008 ms

Below is generated by plot.py at 2019-08-27 14:04:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 32.527 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 49.15 Mbit/s
95th percentile per-packet one-way delay: 32.298 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 33.638 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 42.06 Mbit/s
95th percentile per-packet one-way delay: 31.899 ms
Loss rate: 0.38%

Run 3: Report of LEDBAT — Data Link

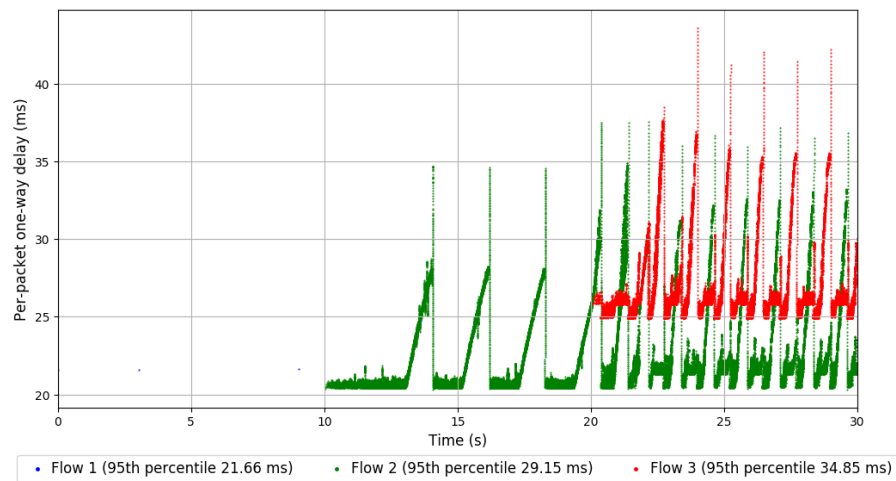
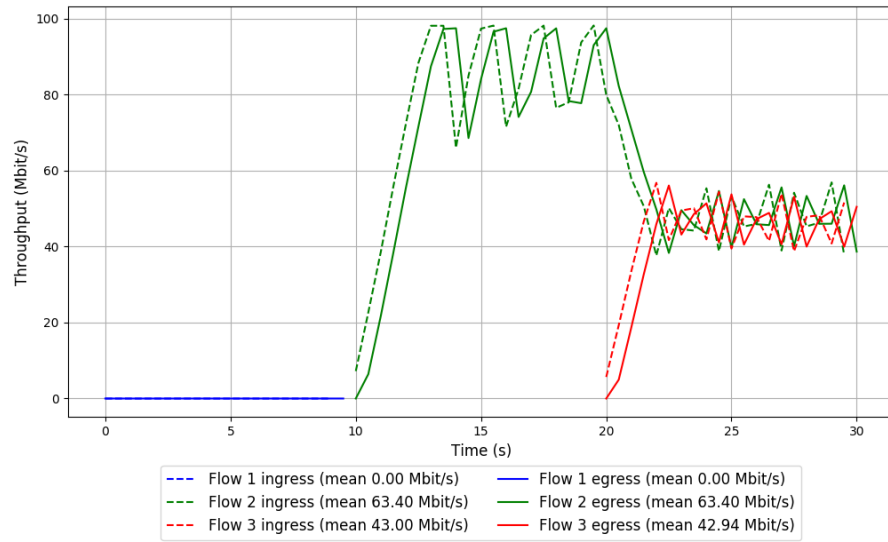


Run 4: Statistics of LEDBAT

Start at: 2019-08-27 13:15:56
End at: 2019-08-27 13:16:26
Local clock offset: -0.501 ms
Remote clock offset: -3.704 ms

Below is generated by plot.py at 2019-08-27 14:04:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.48 Mbit/s
95th percentile per-packet one-way delay: 31.281 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 21.663 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.40 Mbit/s
95th percentile per-packet one-way delay: 29.154 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 42.94 Mbit/s
95th percentile per-packet one-way delay: 34.852 ms
Loss rate: 0.43%

Run 4: Report of LEDBAT — Data Link

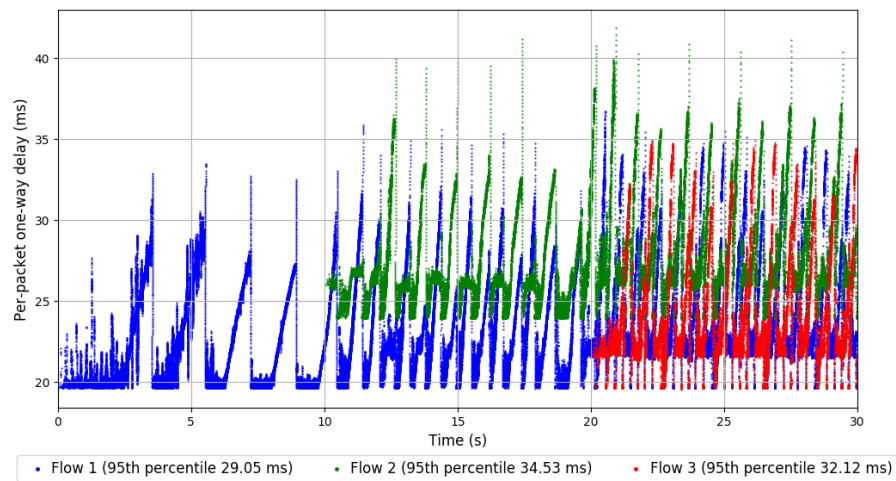
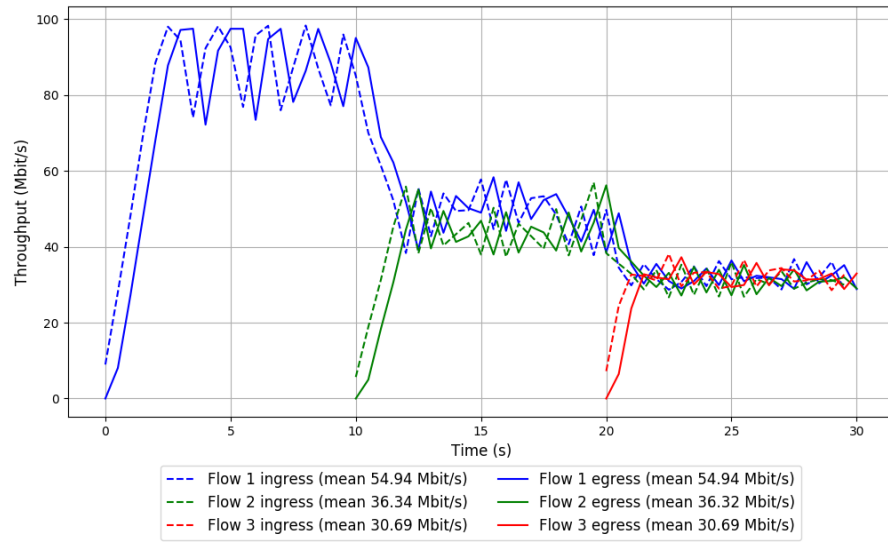


Run 5: Statistics of LEDBAT

Start at: 2019-08-27 13:44:59
End at: 2019-08-27 13:45:29
Local clock offset: -0.684 ms
Remote clock offset: -3.359 ms

Below is generated by plot.py at 2019-08-27 14:04:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.30 Mbit/s
95th percentile per-packet one-way delay: 31.856 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 54.94 Mbit/s
95th percentile per-packet one-way delay: 29.055 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.32 Mbit/s
95th percentile per-packet one-way delay: 34.528 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 32.124 ms
Loss rate: 0.26%

Run 5: Report of LEDBAT — Data Link

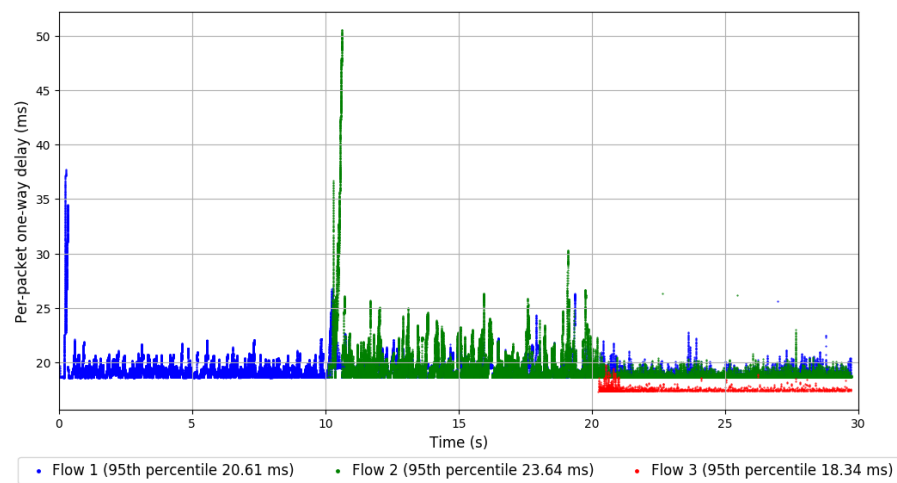
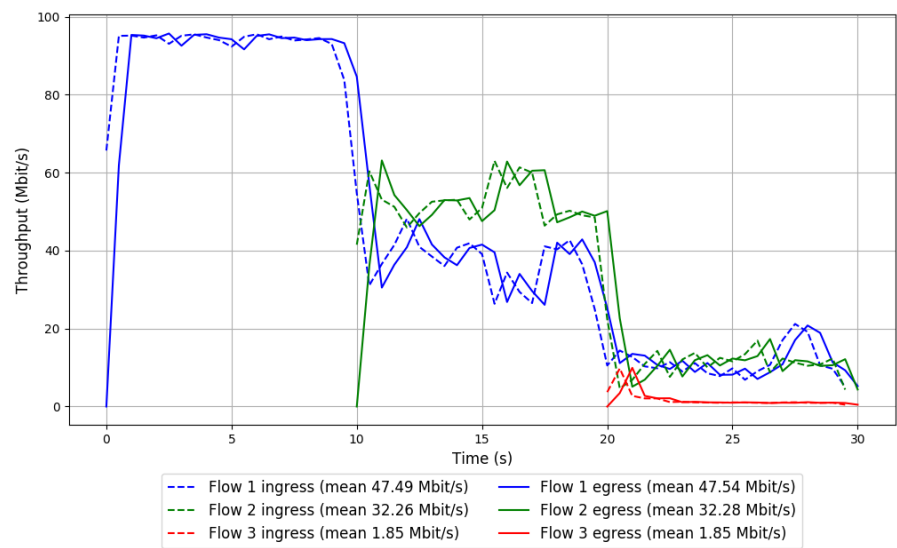


Run 1: Statistics of Muses_DecisionTree

Start at: 2019-08-27 11:54:40
End at: 2019-08-27 11:55:10
Local clock offset: -1.49 ms
Remote clock offset: -2.476 ms

Below is generated by plot.py at 2019-08-27 14:04:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.47 Mbit/s
95th percentile per-packet one-way delay: 21.667 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 47.54 Mbit/s
95th percentile per-packet one-way delay: 20.611 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 23.642 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 18.338 ms
Loss rate: 0.20%

Run 1: Report of Muses_DecisionTree — Data Link

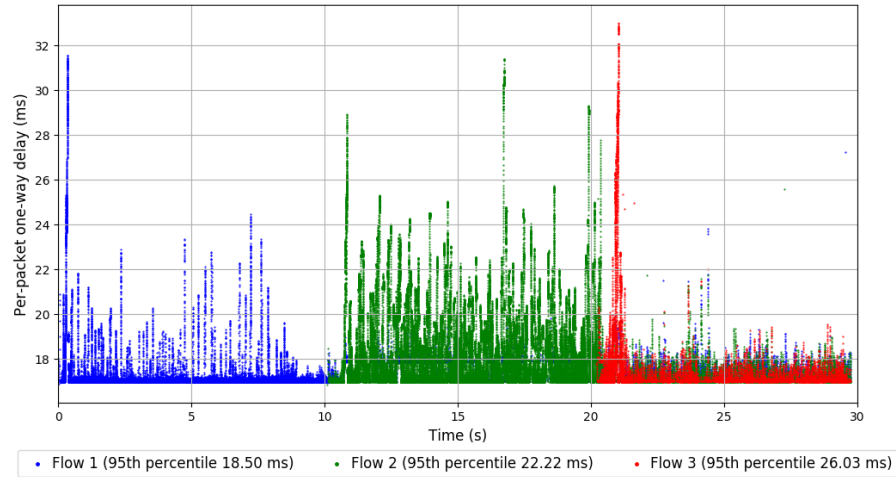
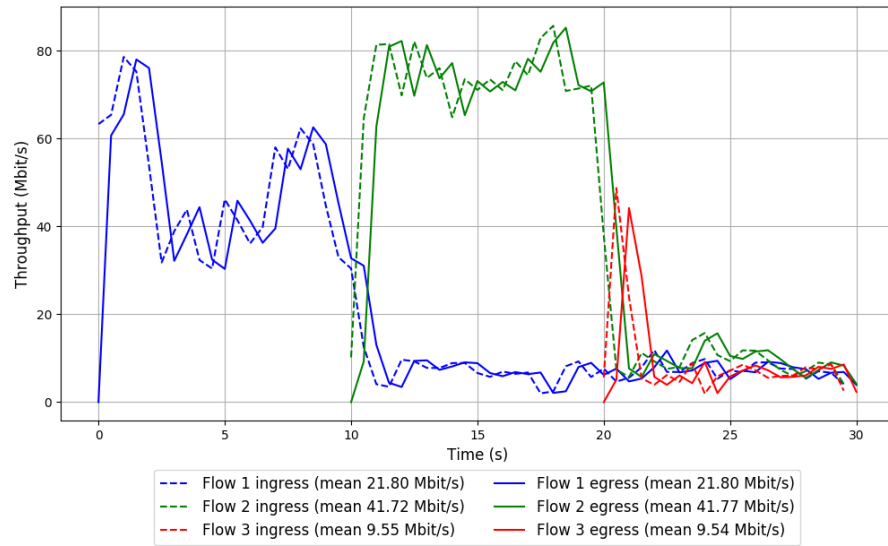


Run 2: Statistics of Muses_DecisionTree

Start at: 2019-08-27 12:24:06
End at: 2019-08-27 12:24:36
Local clock offset: -1.481 ms
Remote clock offset: -1.922 ms

Below is generated by plot.py at 2019-08-27 14:04:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.46 Mbit/s
95th percentile per-packet one-way delay: 21.548 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 21.80 Mbit/s
95th percentile per-packet one-way delay: 18.501 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 41.77 Mbit/s
95th percentile per-packet one-way delay: 22.222 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 9.54 Mbit/s
95th percentile per-packet one-way delay: 26.028 ms
Loss rate: 0.24%

Run 2: Report of Muses_DecisionTree — Data Link

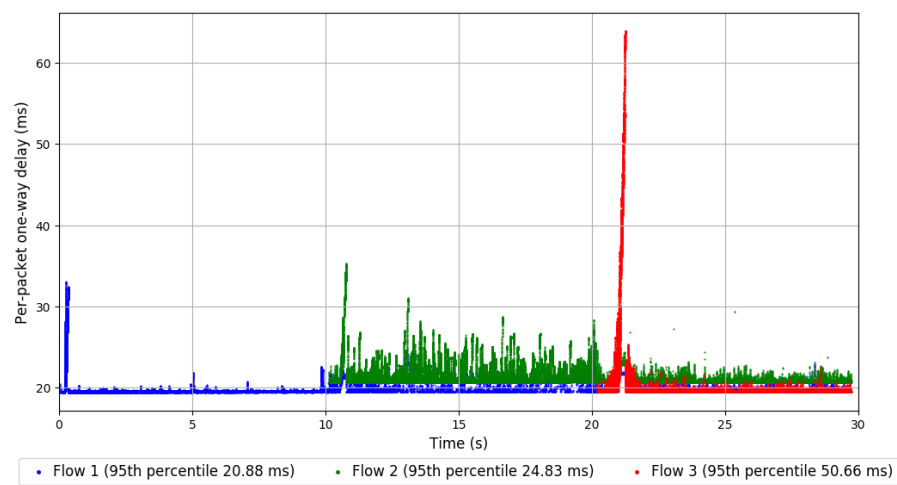
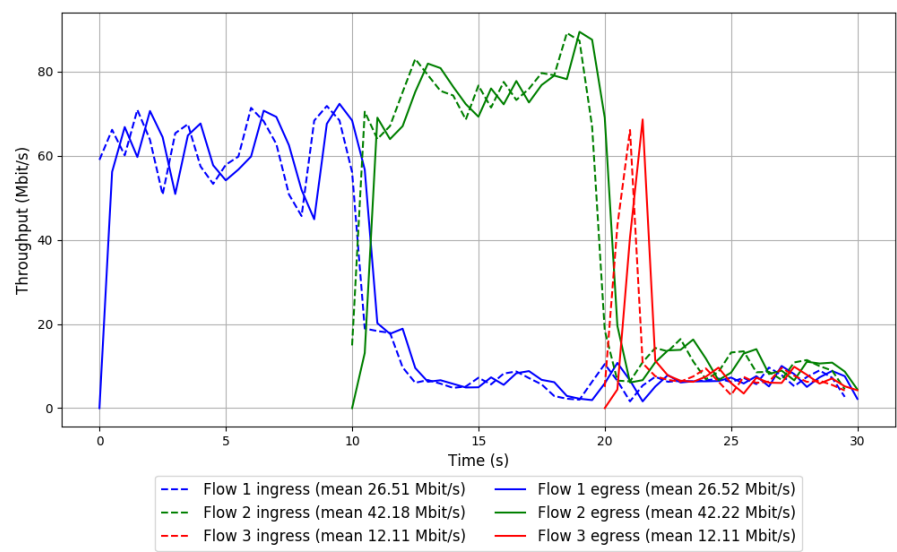


Run 3: Statistics of Muses_DecisionTree

Start at: 2019-08-27 12:54:03
End at: 2019-08-27 12:54:33
Local clock offset: -0.15 ms
Remote clock offset: -2.346 ms

Below is generated by plot.py at 2019-08-27 14:04:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.29 Mbit/s
95th percentile per-packet one-way delay: 24.360 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 26.52 Mbit/s
95th percentile per-packet one-way delay: 20.883 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 42.22 Mbit/s
95th percentile per-packet one-way delay: 24.834 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 50.662 ms
Loss rate: 0.15%

Run 3: Report of Muses_DecisionTree — Data Link

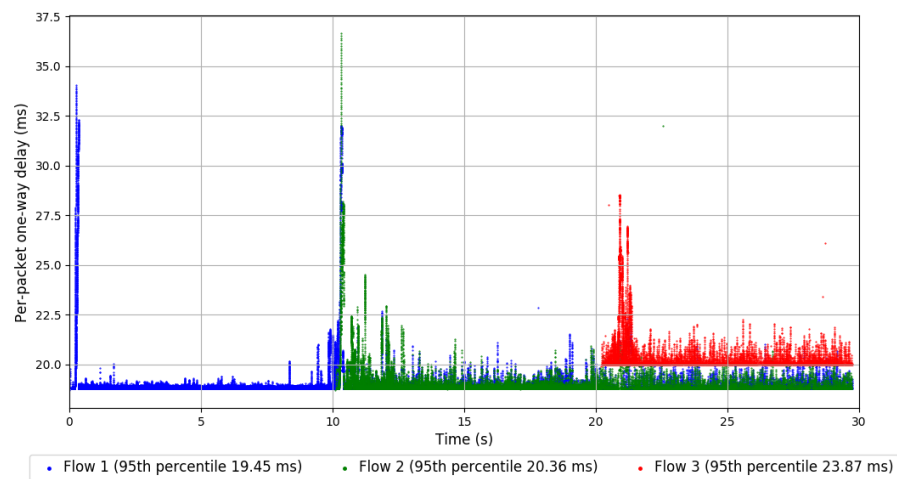
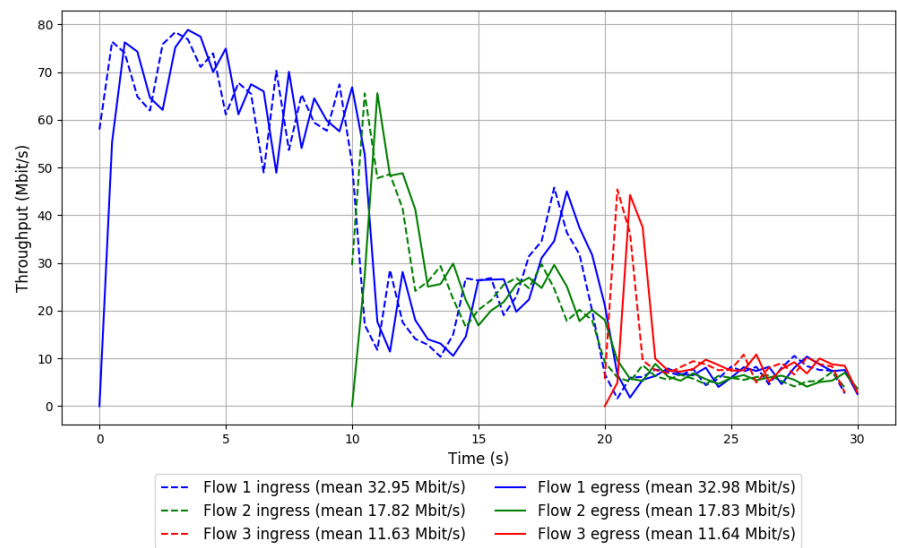


Run 4: Statistics of Muses_DecisionTree

Start at: 2019-08-27 13:23:23
End at: 2019-08-27 13:23:53
Local clock offset: -0.234 ms
Remote clock offset: -1.757 ms

Below is generated by plot.py at 2019-08-27 14:04:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.48 Mbit/s
95th percentile per-packet one-way delay: 20.481 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 19.451 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 17.83 Mbit/s
95th percentile per-packet one-way delay: 20.361 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 11.64 Mbit/s
95th percentile per-packet one-way delay: 23.872 ms
Loss rate: 0.16%

Run 4: Report of Muses_DecisionTree — Data Link

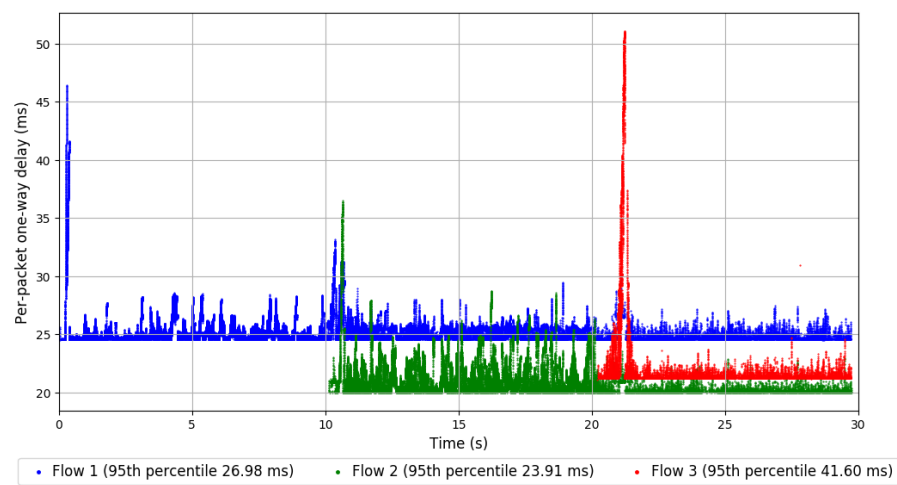
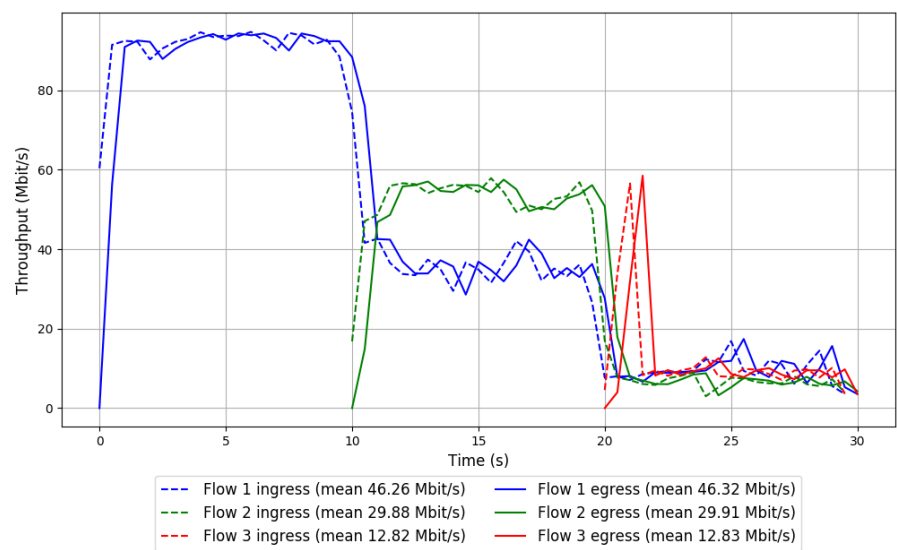


Run 5: Statistics of Muses_DecisionTree

Start at: 2019-08-27 13:52:35
End at: 2019-08-27 13:53:05
Local clock offset: -0.539 ms
Remote clock offset: -3.752 ms

Below is generated by plot.py at 2019-08-27 14:04:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.15 Mbit/s
95th percentile per-packet one-way delay: 26.744 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 46.32 Mbit/s
95th percentile per-packet one-way delay: 26.984 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 29.91 Mbit/s
95th percentile per-packet one-way delay: 23.905 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 41.599 ms
Loss rate: 0.28%

Run 5: Report of Muses_DecisionTree — Data Link

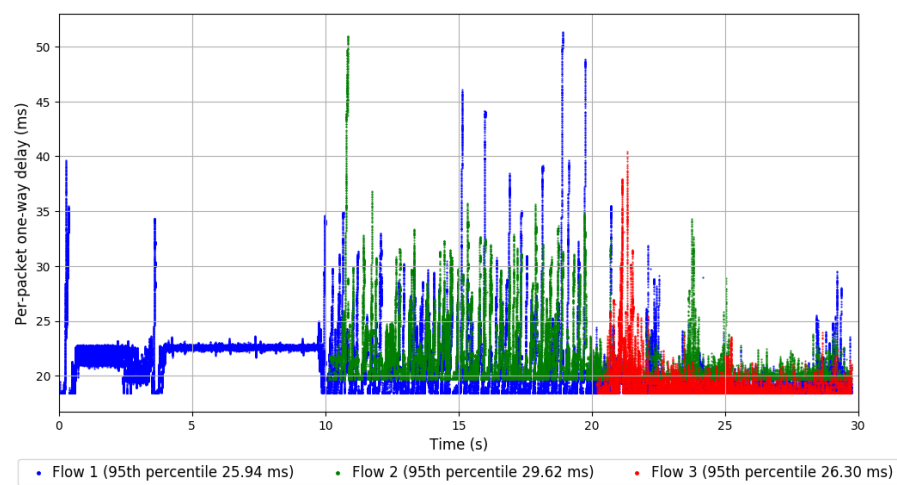
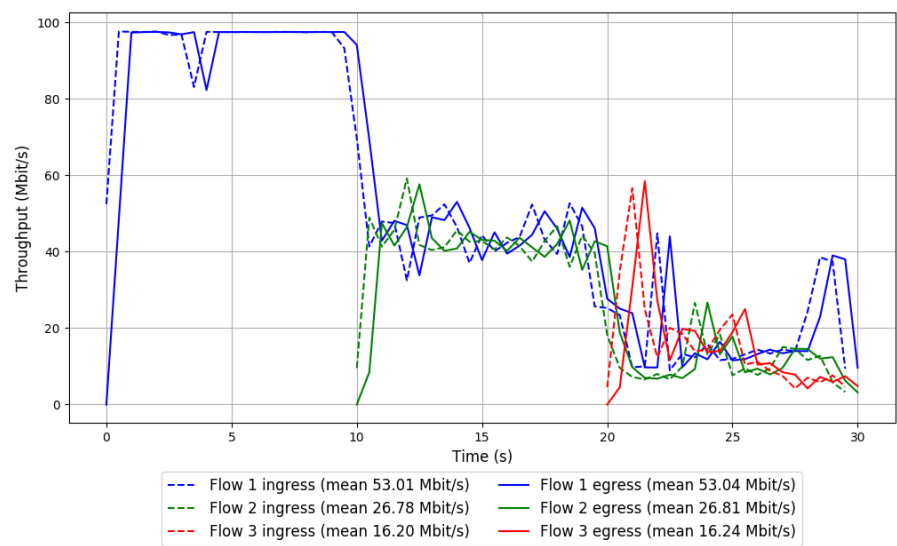


Run 1: Statistics of Muses_DecisionTreeH0

Start at: 2019-08-27 11:42:14
End at: 2019-08-27 11:42:44
Local clock offset: -1.267 ms
Remote clock offset: -3.537 ms

Below is generated by plot.py at 2019-08-27 14:04:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.97 Mbit/s
95th percentile per-packet one-way delay: 27.584 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 53.04 Mbit/s
95th percentile per-packet one-way delay: 25.944 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 26.81 Mbit/s
95th percentile per-packet one-way delay: 29.625 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 16.24 Mbit/s
95th percentile per-packet one-way delay: 26.305 ms
Loss rate: 0.05%

Run 1: Report of Muses_DecisionTreeH0 — Data Link

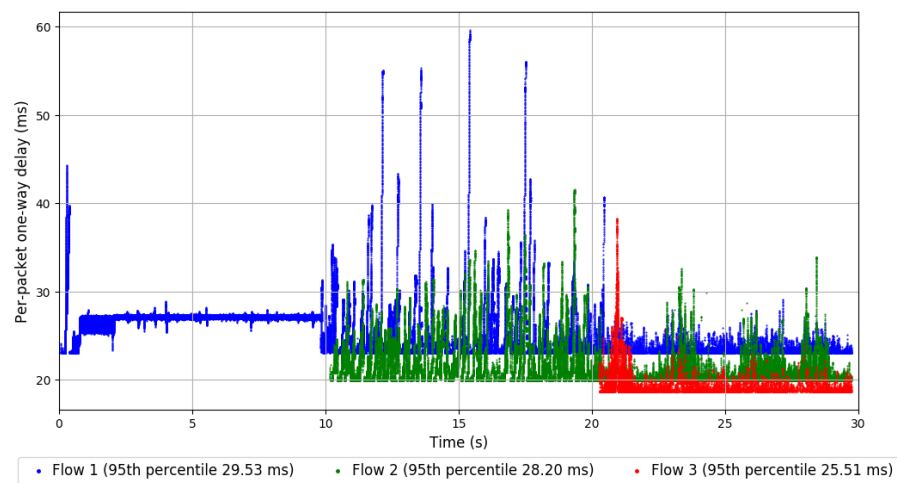
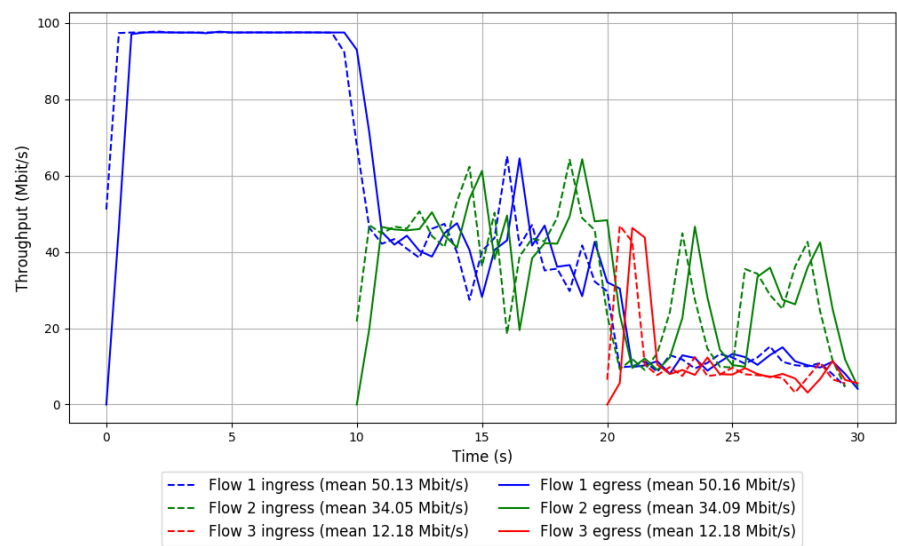


Run 2: Statistics of Muses_DecisionTreeH0

Start at: 2019-08-27 12:11:45
End at: 2019-08-27 12:12:15
Local clock offset: -0.439 ms
Remote clock offset: -2.518 ms

Below is generated by plot.py at 2019-08-27 14:04:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.53 Mbit/s
95th percentile per-packet one-way delay: 28.950 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 29.528 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 34.09 Mbit/s
95th percentile per-packet one-way delay: 28.199 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 12.18 Mbit/s
95th percentile per-packet one-way delay: 25.508 ms
Loss rate: 0.10%

Run 2: Report of Muses_DecisionTreeH0 — Data Link

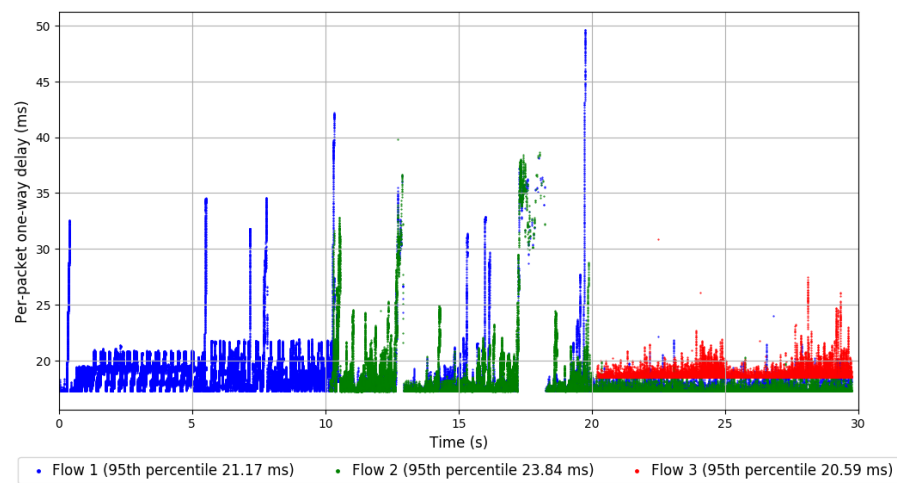
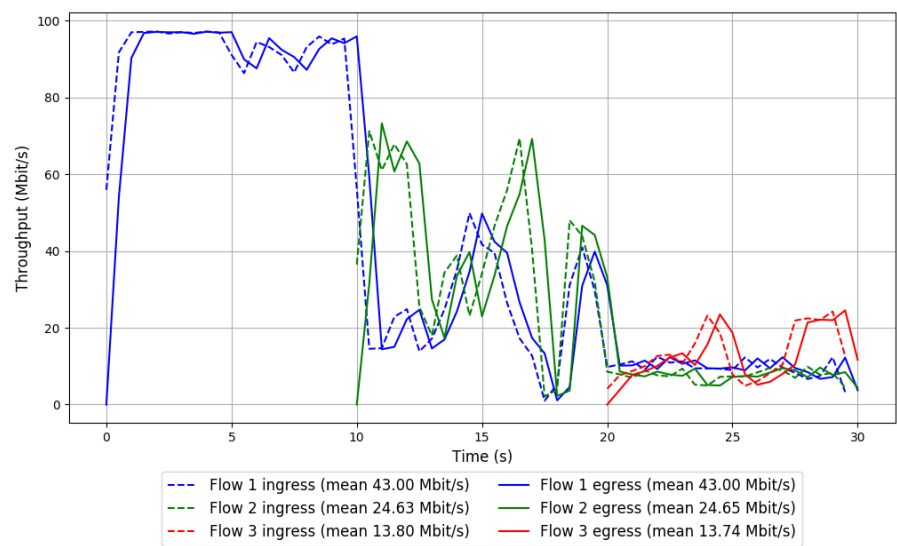


Run 3: Statistics of Muses_DecisionTreeH0

Start at: 2019-08-27 12:41:08
End at: 2019-08-27 12:41:38
Local clock offset: -1.11 ms
Remote clock offset: -1.465 ms

Below is generated by plot.py at 2019-08-27 14:04:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.68 Mbit/s
95th percentile per-packet one-way delay: 21.582 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 43.00 Mbit/s
95th percentile per-packet one-way delay: 21.170 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 23.835 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 13.74 Mbit/s
95th percentile per-packet one-way delay: 20.585 ms
Loss rate: 0.73%

Run 3: Report of Muses_DecisionTreeH0 — Data Link

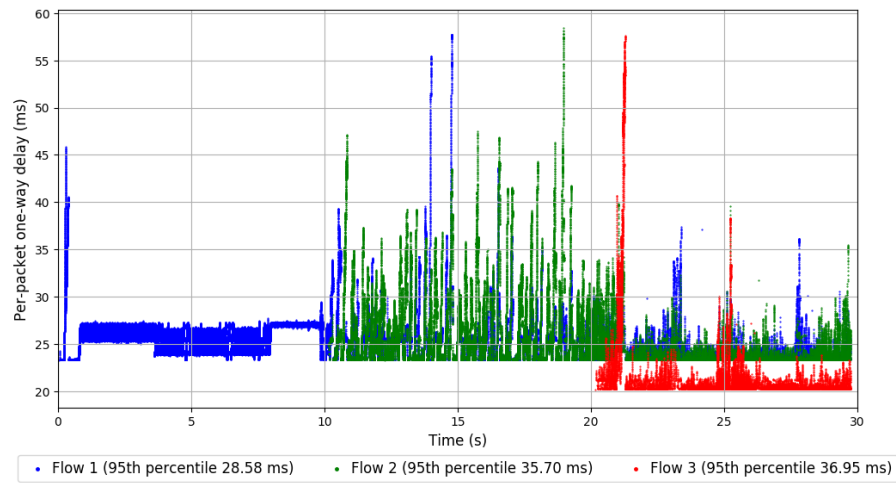
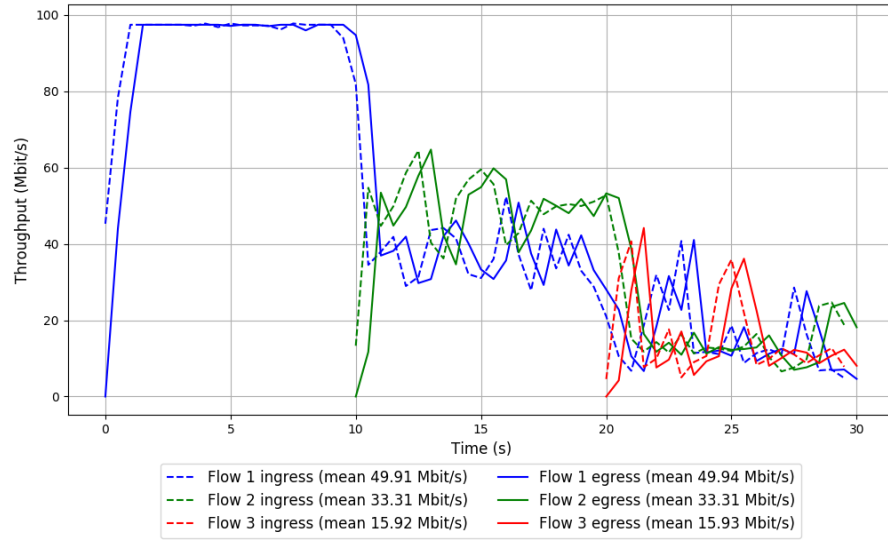


Run 4: Statistics of Muses_DecisionTreeH0

Start at: 2019-08-27 13:11:09
End at: 2019-08-27 13:11:39
Local clock offset: -0.606 ms
Remote clock offset: -2.377 ms

Below is generated by plot.py at 2019-08-27 14:05:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.05 Mbit/s
95th percentile per-packet one-way delay: 32.380 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 49.94 Mbit/s
95th percentile per-packet one-way delay: 28.579 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 33.31 Mbit/s
95th percentile per-packet one-way delay: 35.702 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 15.93 Mbit/s
95th percentile per-packet one-way delay: 36.948 ms
Loss rate: 0.18%

Run 4: Report of Muses_DecisionTreeH0 — Data Link

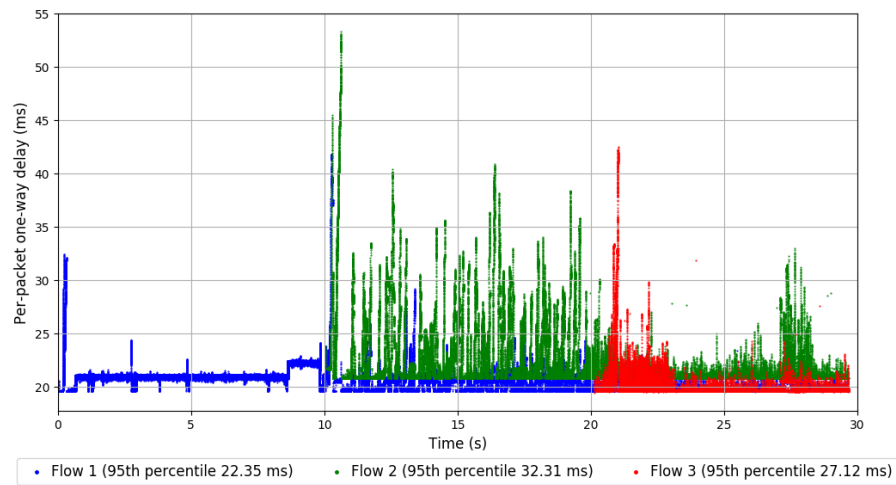
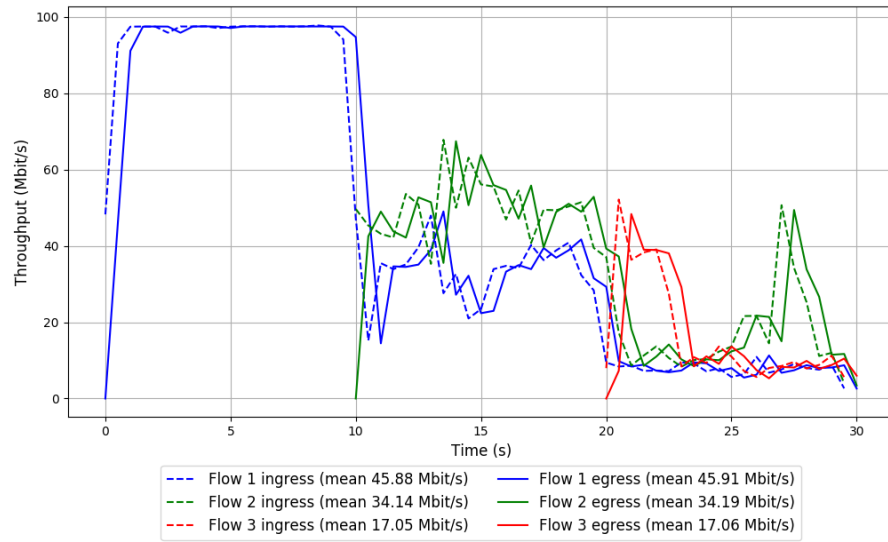


Run 5: Statistics of Muses_DecisionTreeH0

Start at: 2019-08-27 13:40:09
End at: 2019-08-27 13:40:39
Local clock offset: -0.807 ms
Remote clock offset: -3.293 ms

Below is generated by plot.py at 2019-08-27 14:05:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.02 Mbit/s
95th percentile per-packet one-way delay: 27.816 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 45.91 Mbit/s
95th percentile per-packet one-way delay: 22.354 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 34.19 Mbit/s
95th percentile per-packet one-way delay: 32.307 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 17.06 Mbit/s
95th percentile per-packet one-way delay: 27.124 ms
Loss rate: 0.23%

Run 5: Report of Muses_DecisionTreeH0 — Data Link

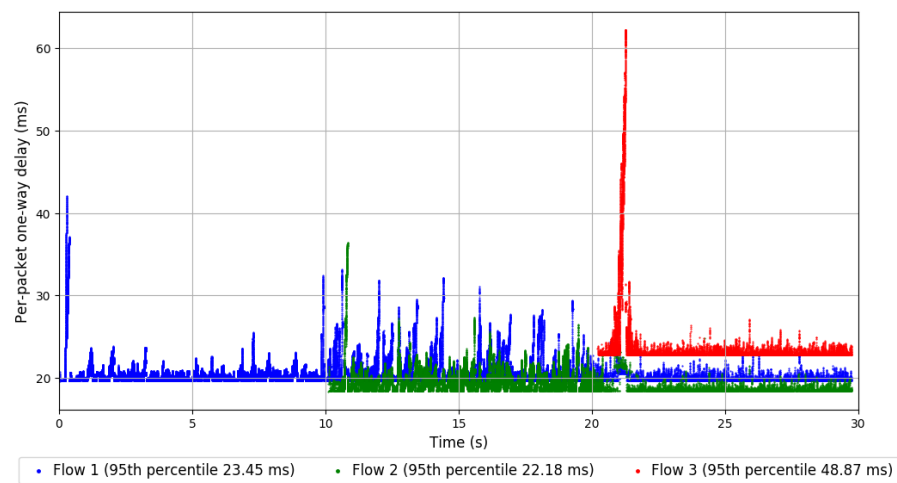
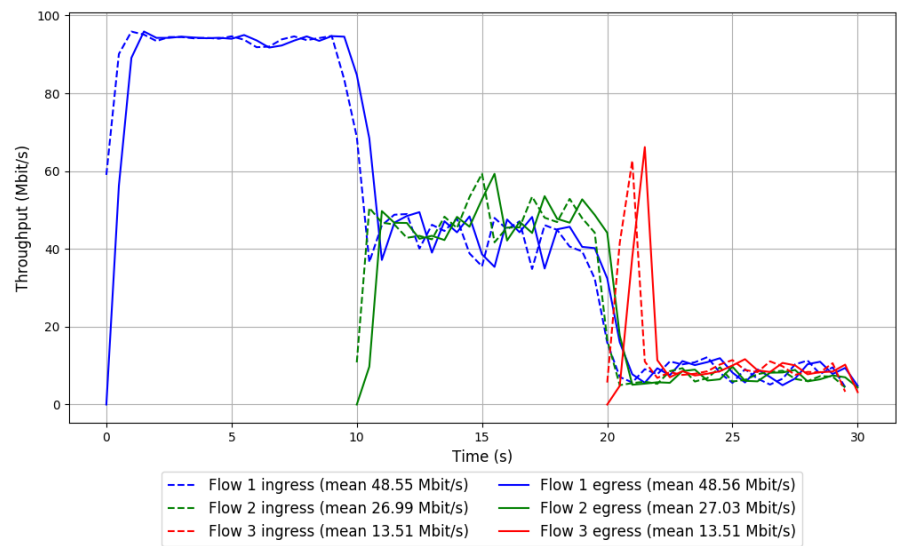


Run 1: Statistics of Muses_DecisionTreeR0

Start at: 2019-08-27 11:28:28
End at: 2019-08-27 11:28:58
Local clock offset: -0.546 ms
Remote clock offset: -2.949 ms

Below is generated by plot.py at 2019-08-27 14:05:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.76 Mbit/s
95th percentile per-packet one-way delay: 24.234 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 48.56 Mbit/s
95th percentile per-packet one-way delay: 23.454 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 27.03 Mbit/s
95th percentile per-packet one-way delay: 22.176 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 13.51 Mbit/s
95th percentile per-packet one-way delay: 48.869 ms
Loss rate: 0.31%

Run 1: Report of Muses_DecisionTreeR0 — Data Link



Run 2: Statistics of Muses_DecisionTreeR0

Start at: 2019-08-27 11:58:17

End at: 2019-08-27 11:58:47

Local clock offset: -0.604 ms

Remote clock offset: -3.63 ms

Below is generated by plot.py at 2019-08-27 14:05:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.31 Mbit/s

95th percentile per-packet one-way delay: 27.591 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 52.45 Mbit/s

95th percentile per-packet one-way delay: 26.983 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 20.55 Mbit/s

95th percentile per-packet one-way delay: 26.888 ms

Loss rate: 0.03%

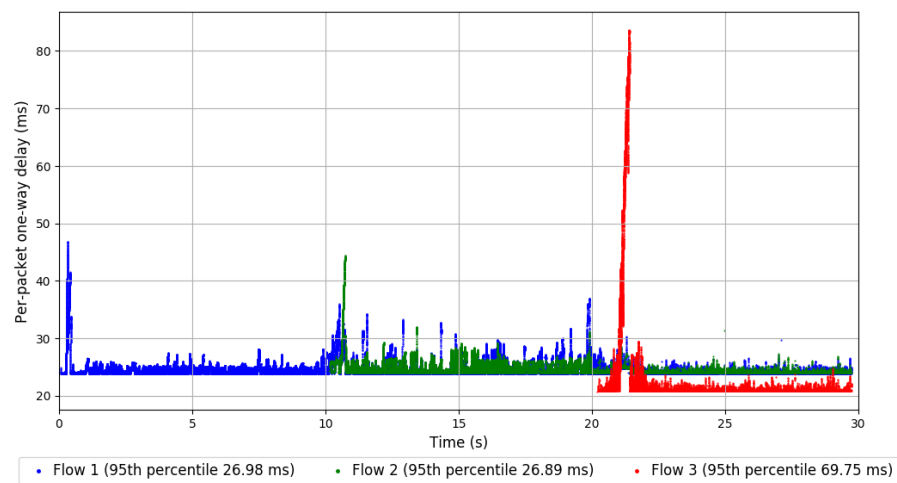
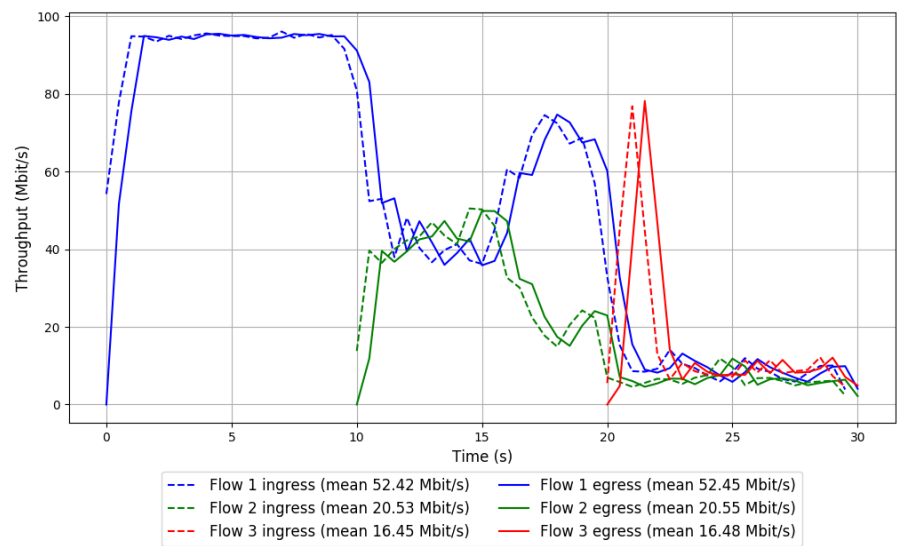
-- Flow 3:

Average throughput: 16.48 Mbit/s

95th percentile per-packet one-way delay: 69.751 ms

Loss rate: 0.09%

Run 2: Report of Muses_DecisionTreeR0 — Data Link

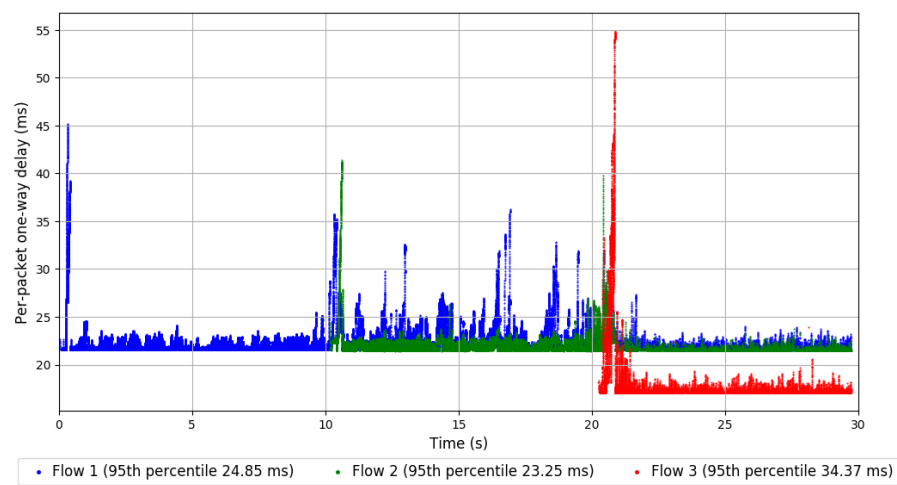
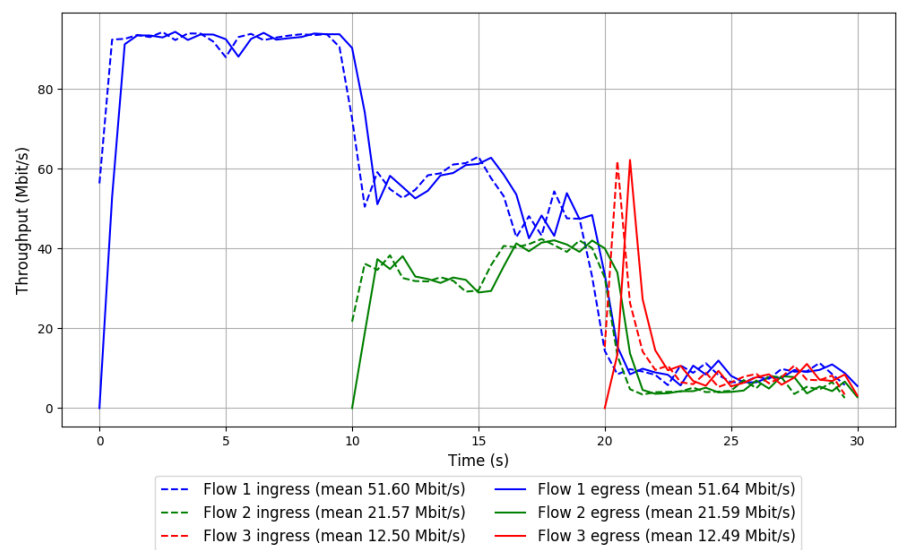


Run 3: Statistics of Muses_DecisionTreeR0

Start at: 2019-08-27 12:27:39
End at: 2019-08-27 12:28:09
Local clock offset: -6.734 ms
Remote clock offset: -7.226 ms

Below is generated by plot.py at 2019-08-27 14:05:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.88 Mbit/s
95th percentile per-packet one-way delay: 24.930 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 51.64 Mbit/s
95th percentile per-packet one-way delay: 24.848 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 21.59 Mbit/s
95th percentile per-packet one-way delay: 23.246 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 12.49 Mbit/s
95th percentile per-packet one-way delay: 34.374 ms
Loss rate: 0.24%

Run 3: Report of Muses_DecisionTreeR0 — Data Link

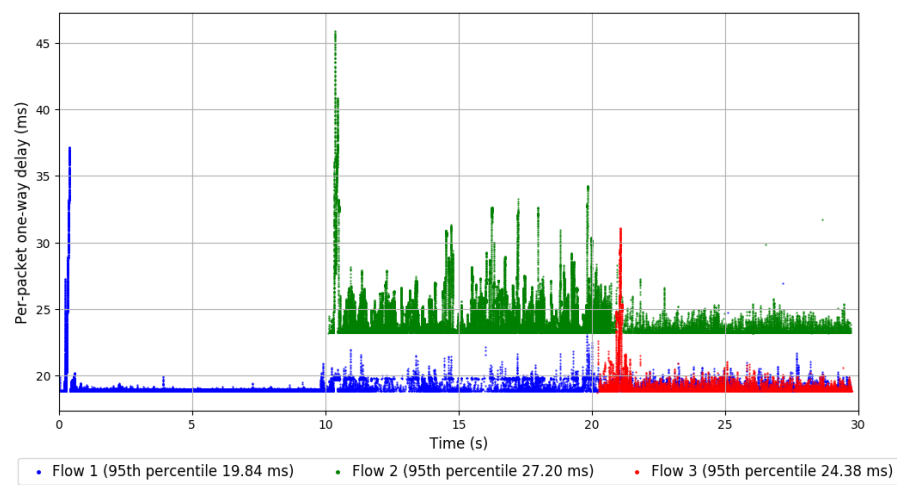
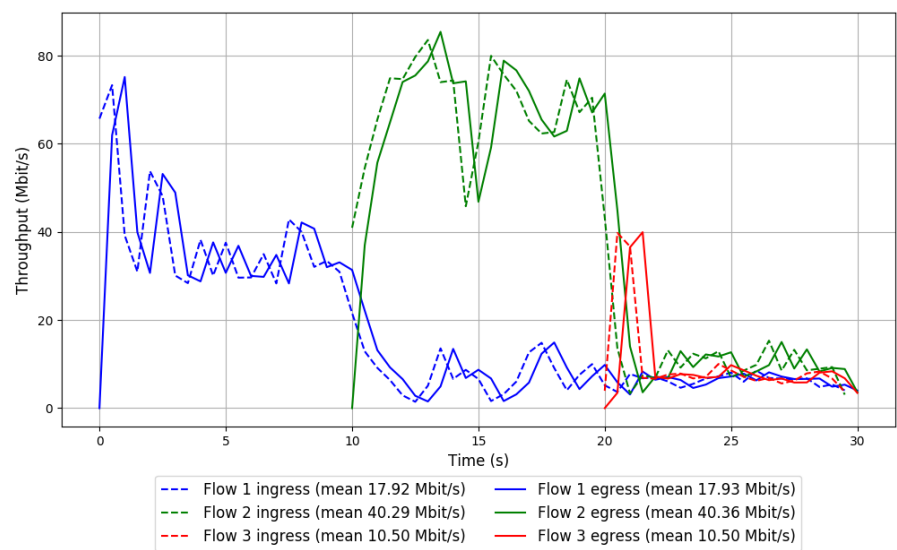


Run 4: Statistics of Muses_DecisionTreeR0

Start at: 2019-08-27 12:57:37
End at: 2019-08-27 12:58:07
Local clock offset: -0.178 ms
Remote clock offset: -1.672 ms

Below is generated by plot.py at 2019-08-27 14:05:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 26.408 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 17.93 Mbit/s
95th percentile per-packet one-way delay: 19.835 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.36 Mbit/s
95th percentile per-packet one-way delay: 27.198 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 10.50 Mbit/s
95th percentile per-packet one-way delay: 24.378 ms
Loss rate: 0.22%

Run 4: Report of Muses_DecisionTreeR0 — Data Link

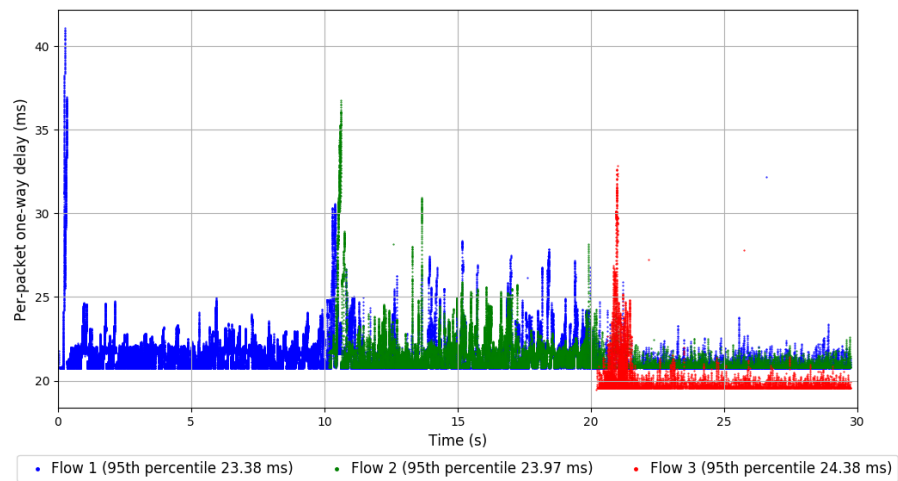
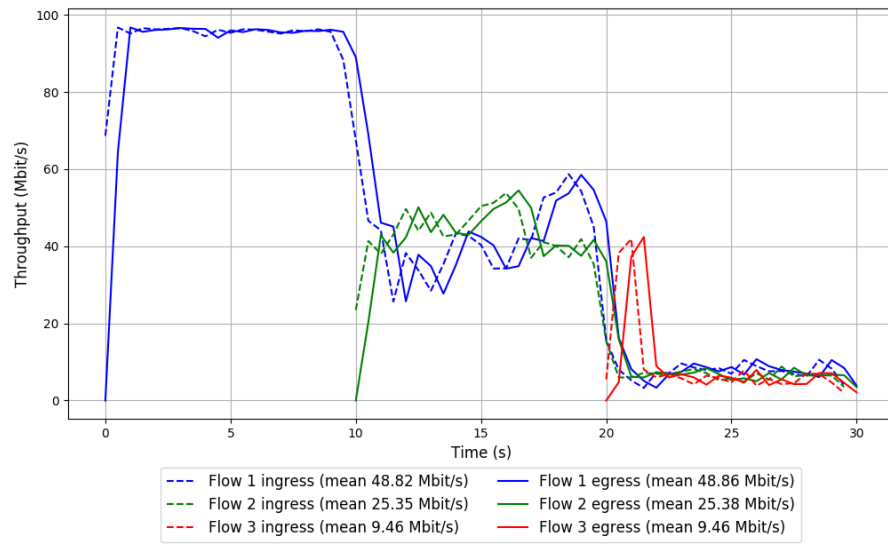


Run 5: Statistics of Muses_DecisionTreeR0

Start at: 2019-08-27 13:26:56
End at: 2019-08-27 13:27:26
Local clock offset: -0.336 ms
Remote clock offset: -2.632 ms

Below is generated by plot.py at 2019-08-27 14:05:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.64 Mbit/s
95th percentile per-packet one-way delay: 23.581 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 48.86 Mbit/s
95th percentile per-packet one-way delay: 23.383 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 25.38 Mbit/s
95th percentile per-packet one-way delay: 23.971 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 9.46 Mbit/s
95th percentile per-packet one-way delay: 24.383 ms
Loss rate: 0.00%

Run 5: Report of Muses_DecisionTreeR0 — Data Link

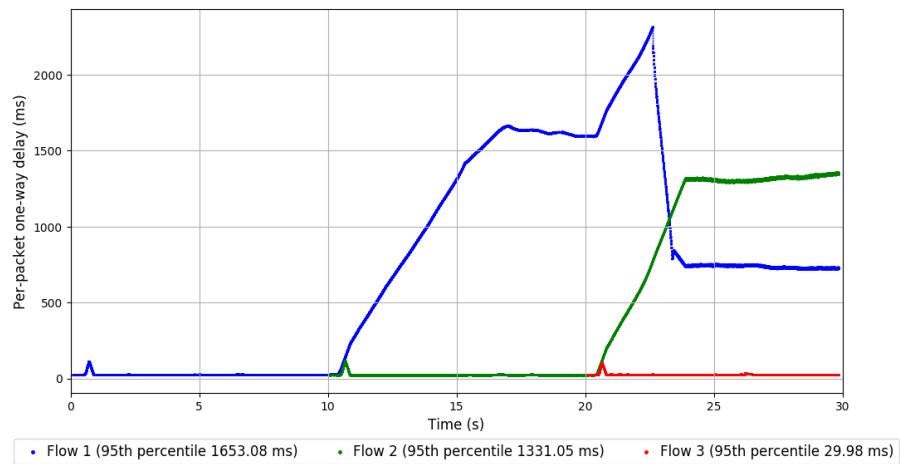
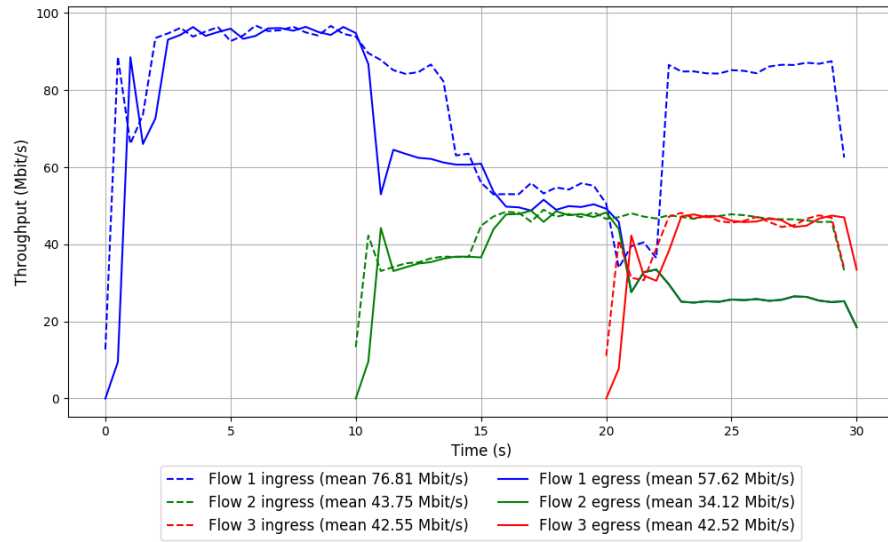


Run 1: Statistics of PCC-Allegro

Start at: 2019-08-27 11:37:23
End at: 2019-08-27 11:37:53
Local clock offset: -0.257 ms
Remote clock offset: -4.616 ms

Below is generated by plot.py at 2019-08-27 14:06:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.30 Mbit/s
95th percentile per-packet one-way delay: 1634.704 ms
Loss rate: 21.46%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 1653.084 ms
Loss rate: 25.08%
-- Flow 2:
Average throughput: 34.12 Mbit/s
95th percentile per-packet one-way delay: 1331.049 ms
Loss rate: 22.10%
-- Flow 3:
Average throughput: 42.52 Mbit/s
95th percentile per-packet one-way delay: 29.978 ms
Loss rate: 0.32%

Run 1: Report of PCC-Allegro — Data Link

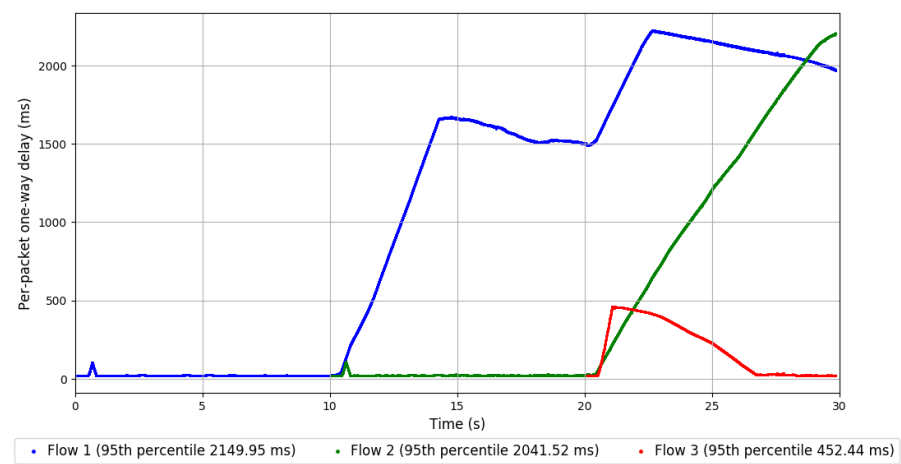
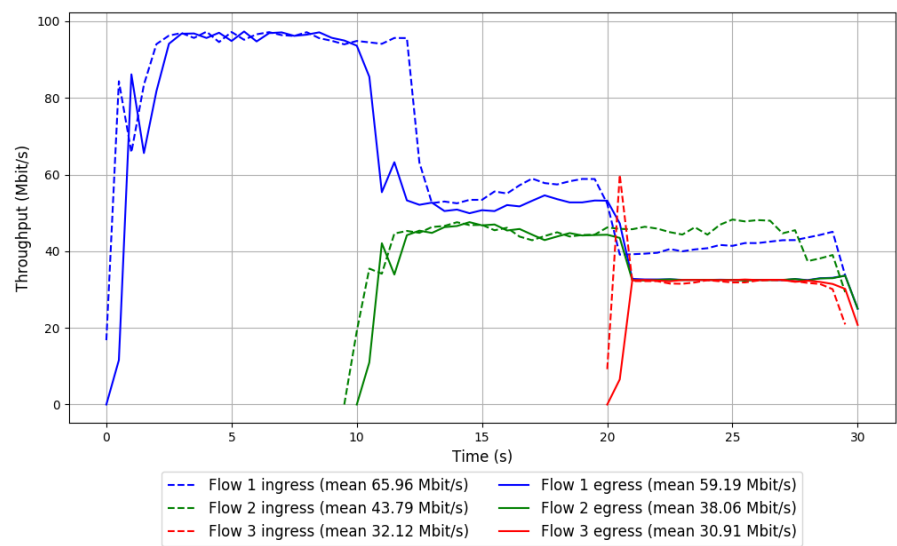


Run 2: Statistics of PCC-Allegro

Start at: 2019-08-27 12:06:52
End at: 2019-08-27 12:07:22
Local clock offset: 0.112 ms
Remote clock offset: -3.654 ms

Below is generated by plot.py at 2019-08-27 14:06:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.67 Mbit/s
95th percentile per-packet one-way delay: 2122.235 ms
Loss rate: 10.49%
-- Flow 1:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 2149.951 ms
Loss rate: 10.33%
-- Flow 2:
Average throughput: 38.06 Mbit/s
95th percentile per-packet one-way delay: 2041.518 ms
Loss rate: 13.20%
-- Flow 3:
Average throughput: 30.91 Mbit/s
95th percentile per-packet one-way delay: 452.443 ms
Loss rate: 4.01%

Run 2: Report of PCC-Allegro — Data Link

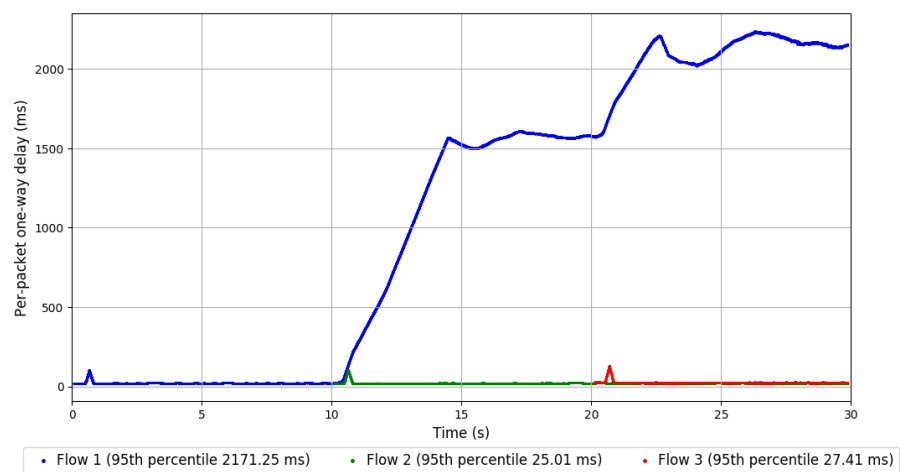
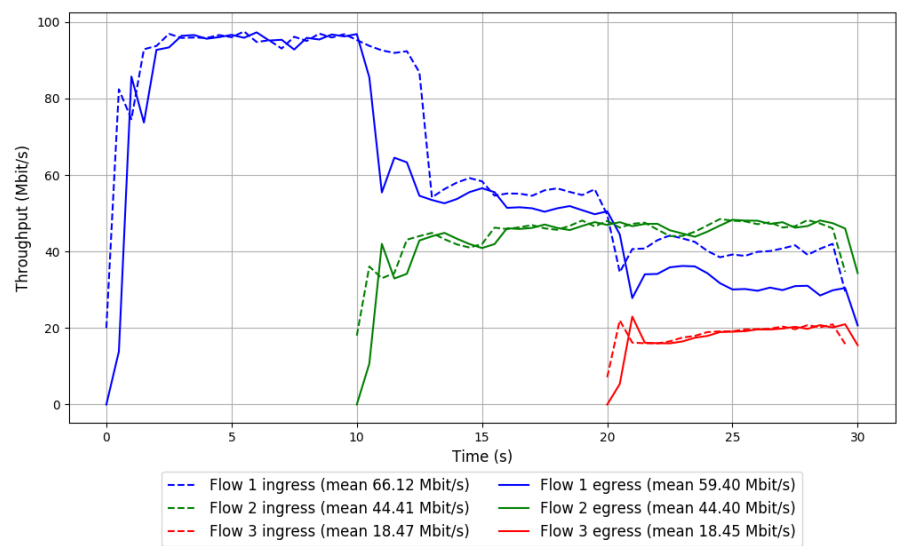


Run 3: Statistics of PCC-Allegro

Start at: 2019-08-27 12:36:18
End at: 2019-08-27 12:36:48
Local clock offset: -0.624 ms
Remote clock offset: -3.618 ms

Below is generated by plot.py at 2019-08-27 14:06:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.97 Mbit/s
95th percentile per-packet one-way delay: 2144.629 ms
Loss rate: 6.72%
-- Flow 1:
Average throughput: 59.40 Mbit/s
95th percentile per-packet one-way delay: 2171.253 ms
Loss rate: 10.24%
-- Flow 2:
Average throughput: 44.40 Mbit/s
95th percentile per-packet one-way delay: 25.009 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 18.45 Mbit/s
95th percentile per-packet one-way delay: 27.411 ms
Loss rate: 0.37%

Run 3: Report of PCC-Allegro — Data Link

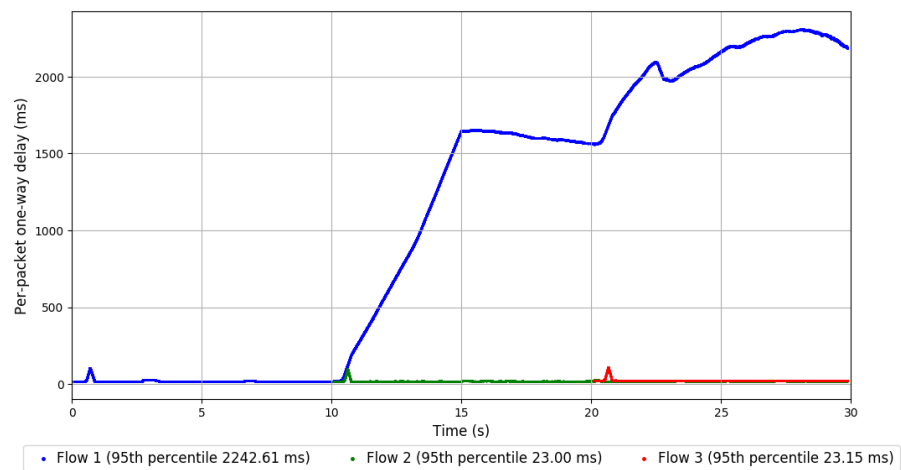
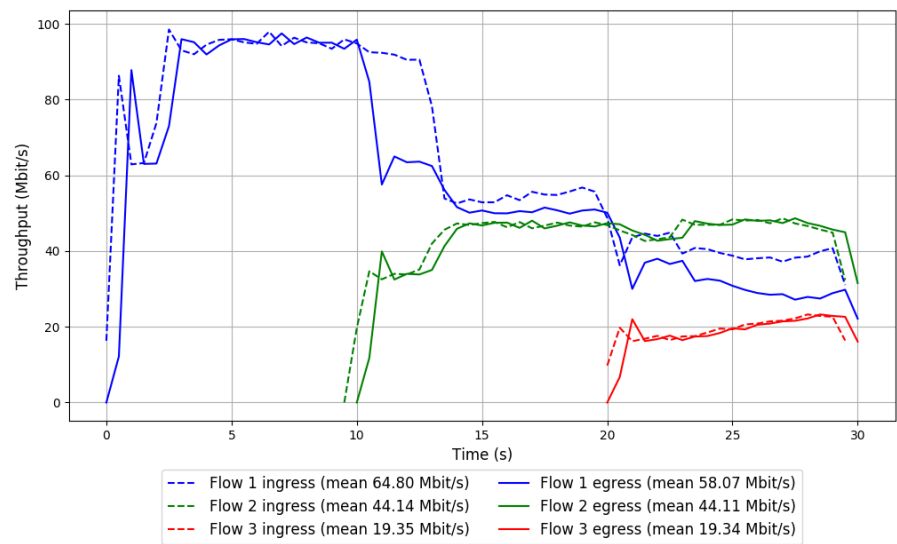


Run 4: Statistics of PCC-Allegro

Start at: 2019-08-27 13:06:14
End at: 2019-08-27 13:06:44
Local clock offset: -0.824 ms
Remote clock offset: -2.051 ms

Below is generated by plot.py at 2019-08-27 14:06:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 2154.904 ms
Loss rate: 6.82%
-- Flow 1:
Average throughput: 58.07 Mbit/s
95th percentile per-packet one-way delay: 2242.608 ms
Loss rate: 10.44%
-- Flow 2:
Average throughput: 44.11 Mbit/s
95th percentile per-packet one-way delay: 23.001 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 19.34 Mbit/s
95th percentile per-packet one-way delay: 23.148 ms
Loss rate: 0.35%

Run 4: Report of PCC-Allegro — Data Link

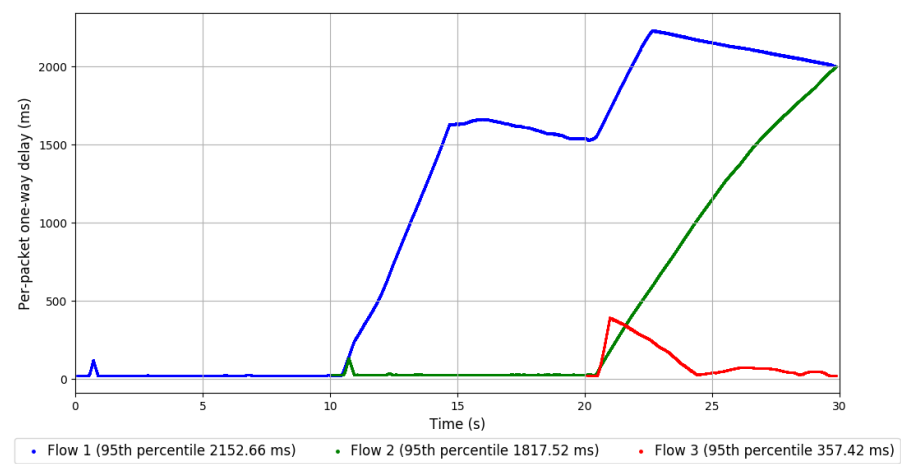
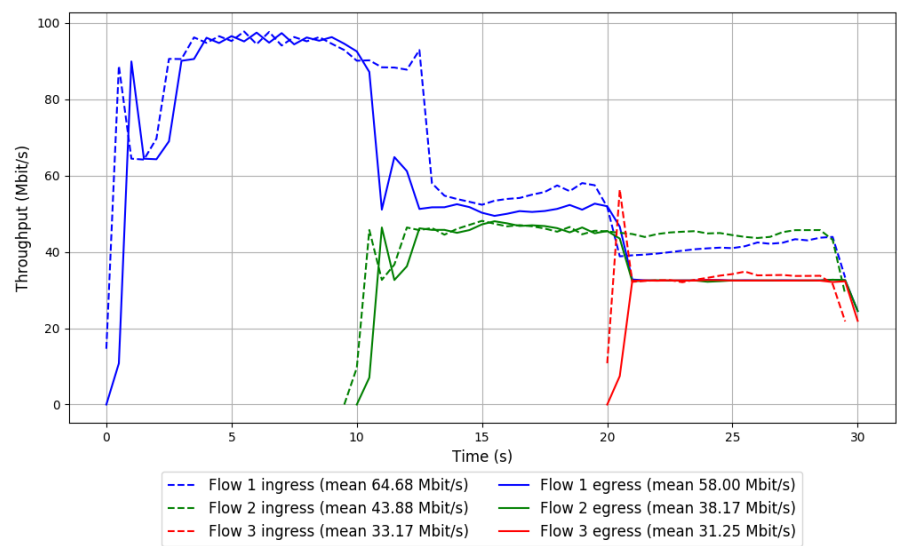


Run 5: Statistics of PCC-Allegro

Start at: 2019-08-27 13:35:21
End at: 2019-08-27 13:35:51
Local clock offset: -0.075 ms
Remote clock offset: -2.973 ms

Below is generated by plot.py at 2019-08-27 14:06:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 2109.476 ms
Loss rate: 10.73%
-- Flow 1:
Average throughput: 58.00 Mbit/s
95th percentile per-packet one-way delay: 2152.657 ms
Loss rate: 10.41%
-- Flow 2:
Average throughput: 38.17 Mbit/s
95th percentile per-packet one-way delay: 1817.515 ms
Loss rate: 13.16%
-- Flow 3:
Average throughput: 31.25 Mbit/s
95th percentile per-packet one-way delay: 357.416 ms
Loss rate: 6.12%

Run 5: Report of PCC-Allegro — Data Link

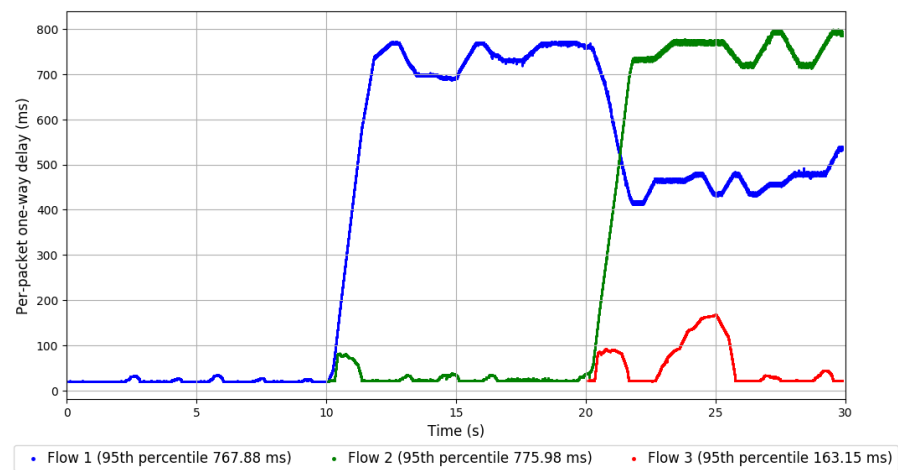
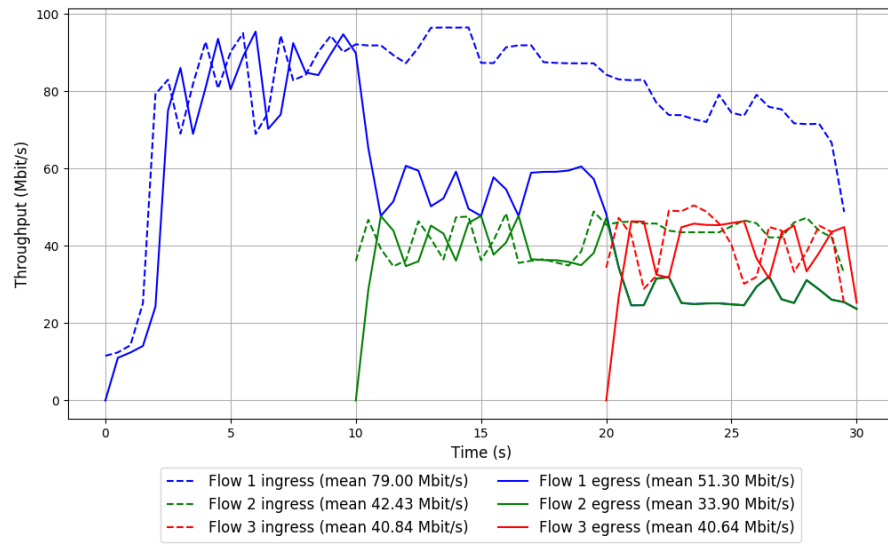


```
Run 1: Statistics of PCC-Expr

Start at: 2019-08-27 11:53:19
End at: 2019-08-27 11:53:49
Local clock offset: -0.162 ms
Remote clock offset: -4.357 ms

# Below is generated by plot.py at 2019-08-27 14:07:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.23 Mbit/s
95th percentile per-packet one-way delay: 768.606 ms
Loss rate: 27.79%
-- Flow 1:
Average throughput: 51.30 Mbit/s
95th percentile per-packet one-way delay: 767.882 ms
Loss rate: 35.12%
-- Flow 2:
Average throughput: 33.90 Mbit/s
95th percentile per-packet one-way delay: 775.980 ms
Loss rate: 20.21%
-- Flow 3:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 163.147 ms
Loss rate: 0.73%
```

Run 1: Report of PCC-Expr — Data Link

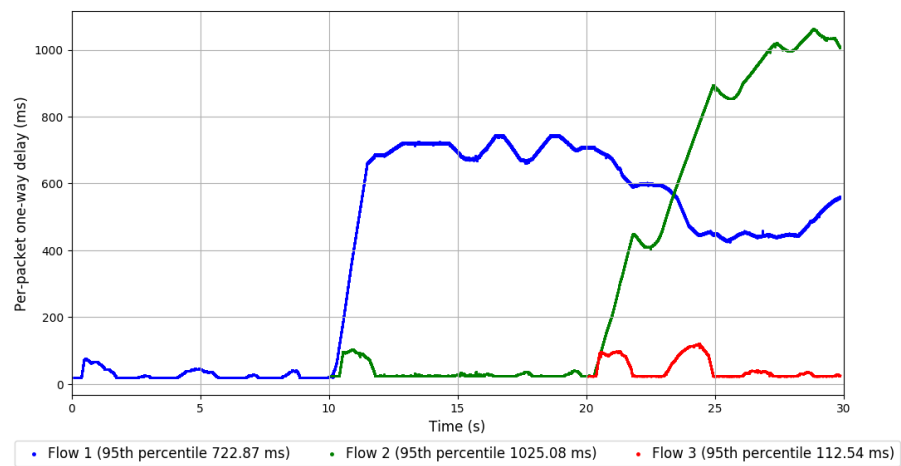
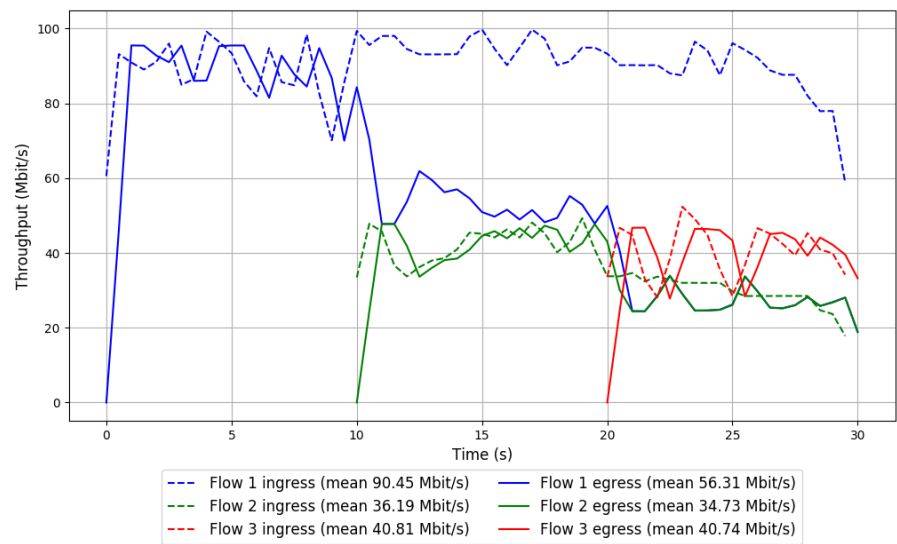


Run 2: Statistics of PCC-Expr

Start at: 2019-08-27 12:22:47
End at: 2019-08-27 12:23:17
Local clock offset: -0.996 ms
Remote clock offset: -2.116 ms

Below is generated by plot.py at 2019-08-27 14:07:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 824.902 ms
Loss rate: 27.55%
-- Flow 1:
Average throughput: 56.31 Mbit/s
95th percentile per-packet one-way delay: 722.869 ms
Loss rate: 37.80%
-- Flow 2:
Average throughput: 34.73 Mbit/s
95th percentile per-packet one-way delay: 1025.078 ms
Loss rate: 4.17%
-- Flow 3:
Average throughput: 40.74 Mbit/s
95th percentile per-packet one-way delay: 112.538 ms
Loss rate: 0.51%

Run 2: Report of PCC-Expr — Data Link

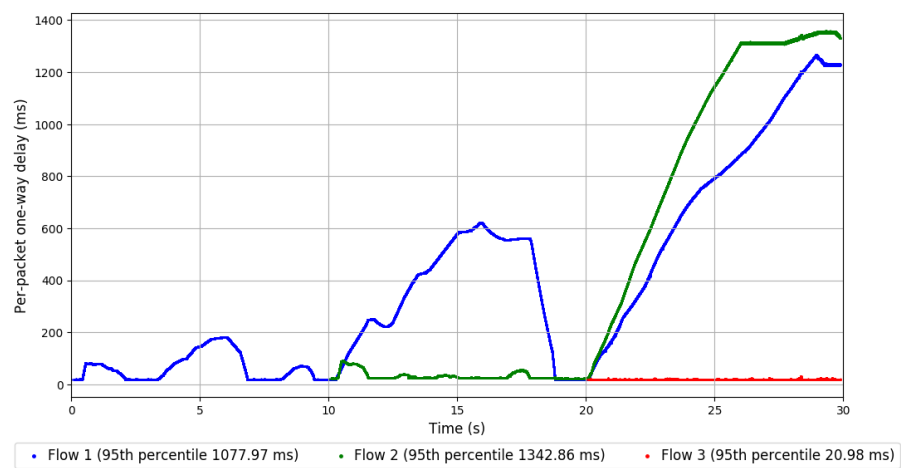
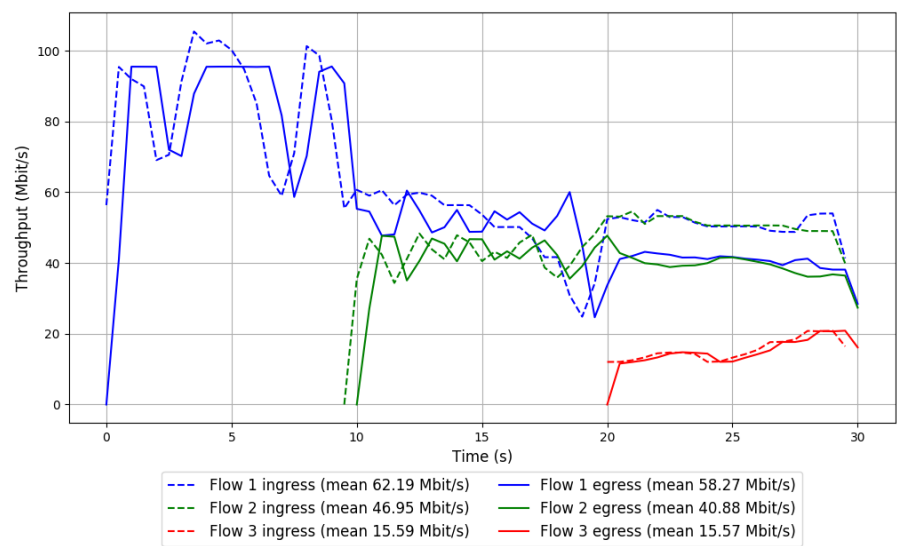


Run 3: Statistics of PCC-Expr

Start at: 2019-08-27 12:52:45
End at: 2019-08-27 12:53:15
Local clock offset: -0.94 ms
Remote clock offset: -2.197 ms

Below is generated by plot.py at 2019-08-27 14:07:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 1309.676 ms
Loss rate: 8.19%
-- Flow 1:
Average throughput: 58.27 Mbit/s
95th percentile per-packet one-way delay: 1077.966 ms
Loss rate: 6.39%
-- Flow 2:
Average throughput: 40.88 Mbit/s
95th percentile per-packet one-way delay: 1342.861 ms
Loss rate: 13.04%
-- Flow 3:
Average throughput: 15.57 Mbit/s
95th percentile per-packet one-way delay: 20.979 ms
Loss rate: 0.37%

Run 3: Report of PCC-Expr — Data Link

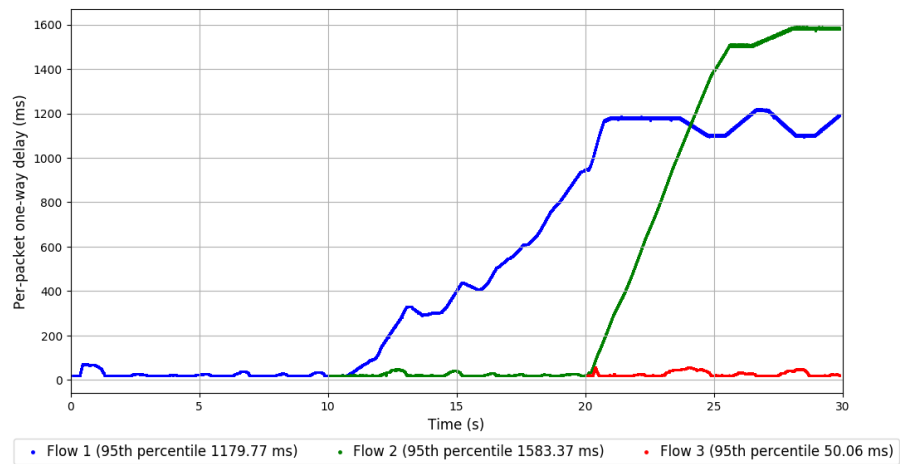
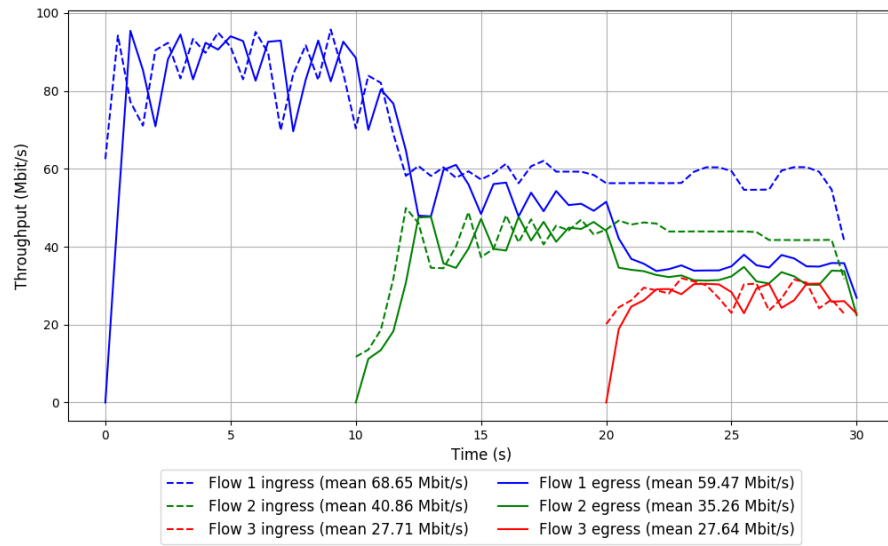


Run 4: Statistics of PCC-Expr

Start at: 2019-08-27 13:22:04
End at: 2019-08-27 13:22:34
Local clock offset: -0.709 ms
Remote clock offset: -3.694 ms

Below is generated by plot.py at 2019-08-27 14:08:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.03 Mbit/s
95th percentile per-packet one-way delay: 1502.052 ms
Loss rate: 12.42%
-- Flow 1:
Average throughput: 59.47 Mbit/s
95th percentile per-packet one-way delay: 1179.772 ms
Loss rate: 13.45%
-- Flow 2:
Average throughput: 35.26 Mbit/s
95th percentile per-packet one-way delay: 1583.368 ms
Loss rate: 13.83%
-- Flow 3:
Average throughput: 27.64 Mbit/s
95th percentile per-packet one-way delay: 50.058 ms
Loss rate: 0.50%

Run 4: Report of PCC-Expr — Data Link

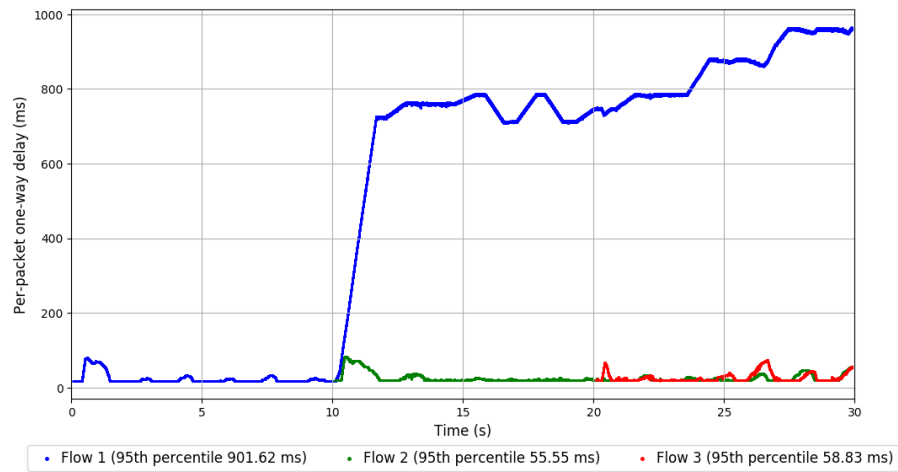
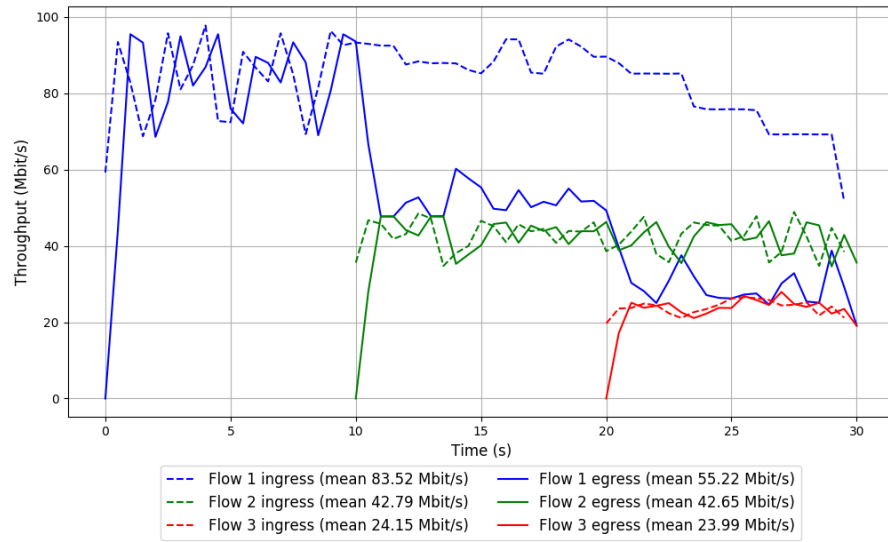


Run 5: Statistics of PCC-Expr

Start at: 2019-08-27 13:51:11
End at: 2019-08-27 13:51:41
Local clock offset: -0.632 ms
Remote clock offset: -1.135 ms

Below is generated by plot.py at 2019-08-27 14:08:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 867.203 ms
Loss rate: 23.79%
-- Flow 1:
Average throughput: 55.22 Mbit/s
95th percentile per-packet one-way delay: 901.619 ms
Loss rate: 33.93%
-- Flow 2:
Average throughput: 42.65 Mbit/s
95th percentile per-packet one-way delay: 55.546 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 58.829 ms
Loss rate: 0.86%

Run 5: Report of PCC-Expr — Data Link

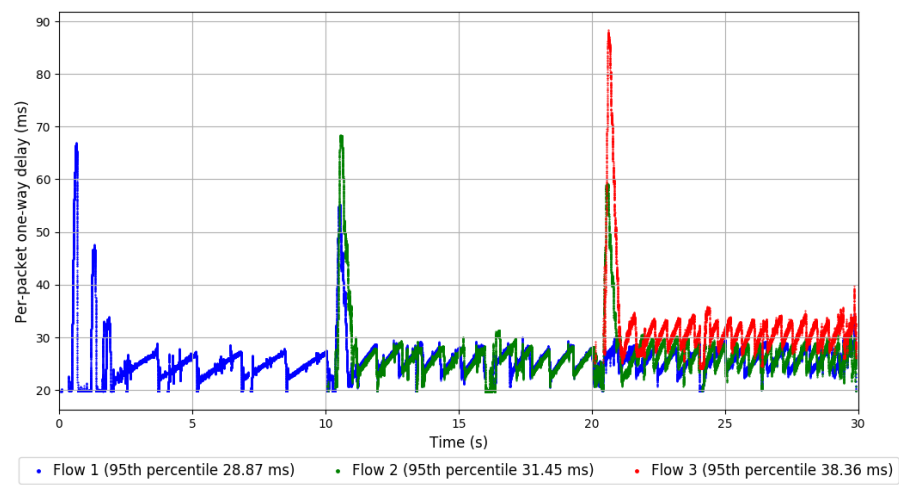
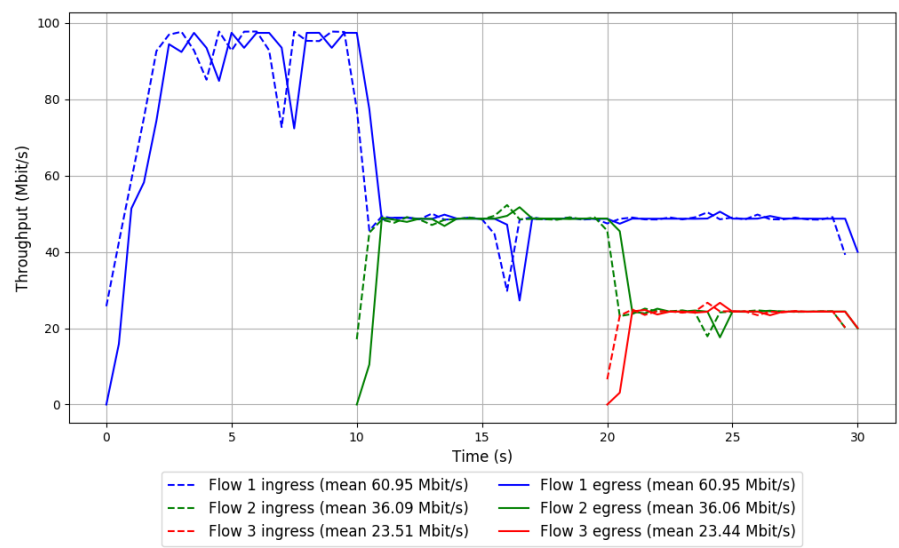


Run 1: Statistics of QUIC Cubic

Start at: 2019-08-27 11:32:17
End at: 2019-08-27 11:32:47
Local clock offset: -0.911 ms
Remote clock offset: -4.568 ms

Below is generated by plot.py at 2019-08-27 14:08:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.66 Mbit/s
95th percentile per-packet one-way delay: 32.633 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 60.95 Mbit/s
95th percentile per-packet one-way delay: 28.867 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 31.455 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 38.361 ms
Loss rate: 0.63%

Run 1: Report of QUIC Cubic — Data Link

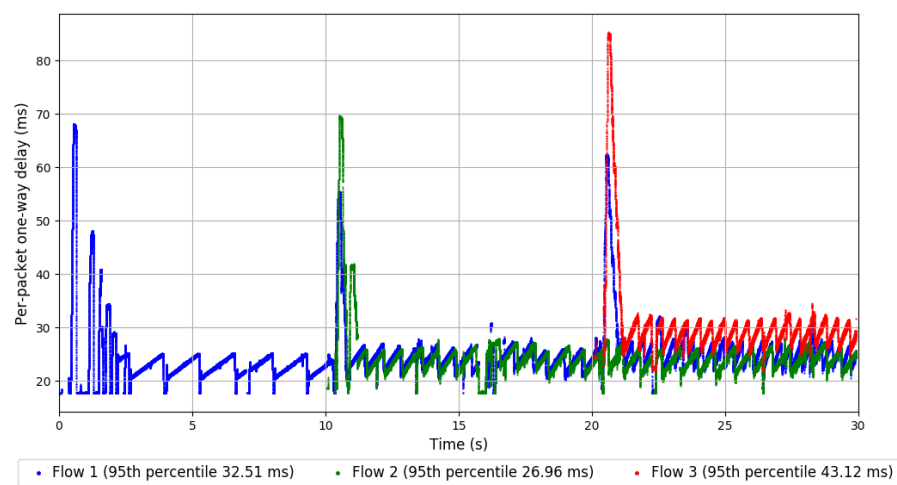
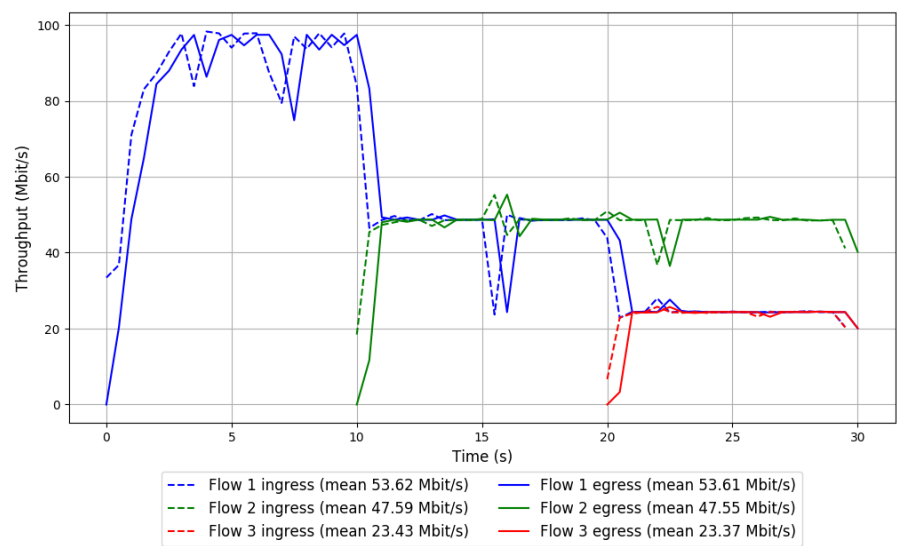


Run 2: Statistics of QUIC Cubic

Start at: 2019-08-27 12:01:58
End at: 2019-08-27 12:02:28
Local clock offset: -0.929 ms
Remote clock offset: -2.024 ms

Below is generated by plot.py at 2019-08-27 14:08:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.96 Mbit/s
95th percentile per-packet one-way delay: 31.404 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 53.61 Mbit/s
95th percentile per-packet one-way delay: 32.513 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 47.55 Mbit/s
95th percentile per-packet one-way delay: 26.964 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.37 Mbit/s
95th percentile per-packet one-way delay: 43.116 ms
Loss rate: 0.52%

Run 2: Report of QUIC Cubic — Data Link

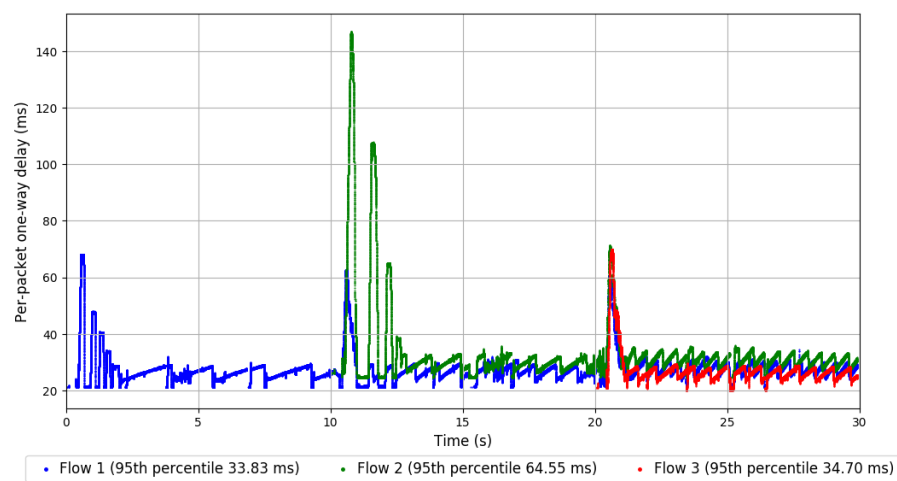
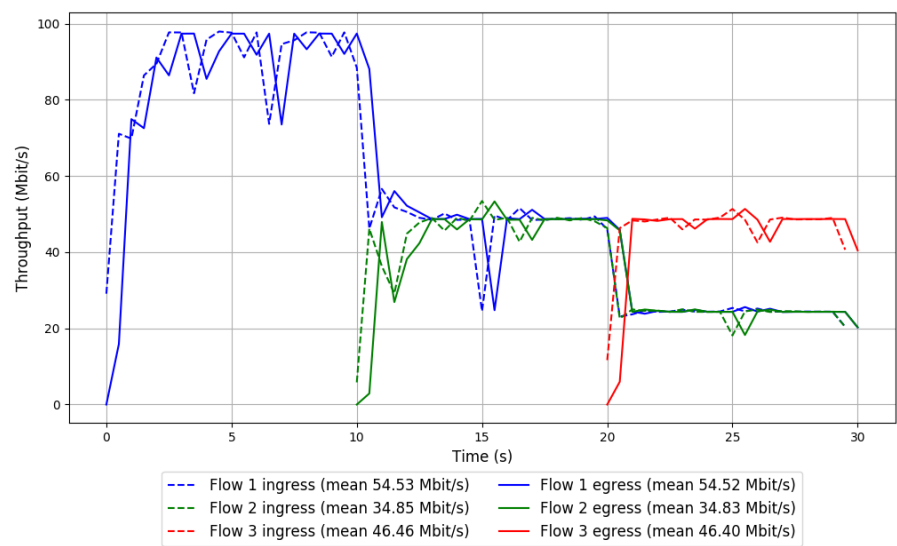


Run 3: Statistics of QUIC Cubic

Start at: 2019-08-27 12:31:24
End at: 2019-08-27 12:31:54
Local clock offset: -0.559 ms
Remote clock offset: -3.867 ms

Below is generated by plot.py at 2019-08-27 14:08:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 40.089 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 54.52 Mbit/s
95th percentile per-packet one-way delay: 33.833 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 34.83 Mbit/s
95th percentile per-packet one-way delay: 64.553 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 46.40 Mbit/s
95th percentile per-packet one-way delay: 34.698 ms
Loss rate: 0.37%

Run 3: Report of QUIC Cubic — Data Link

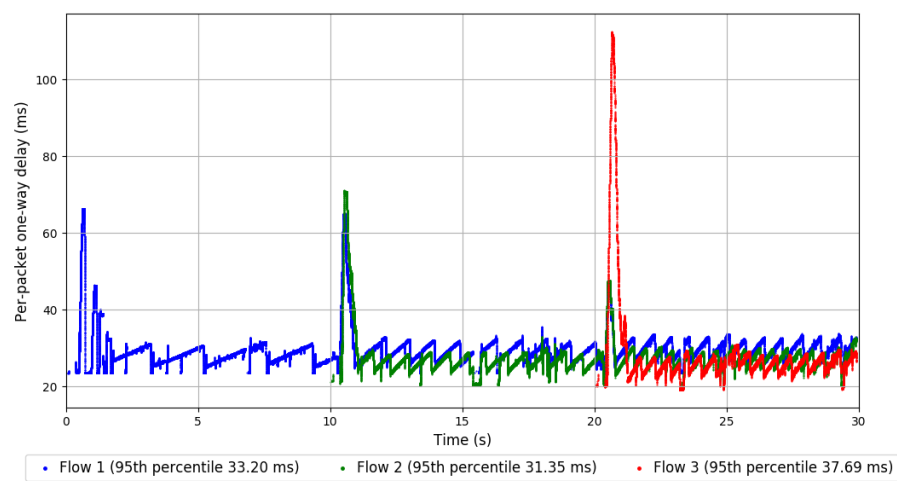
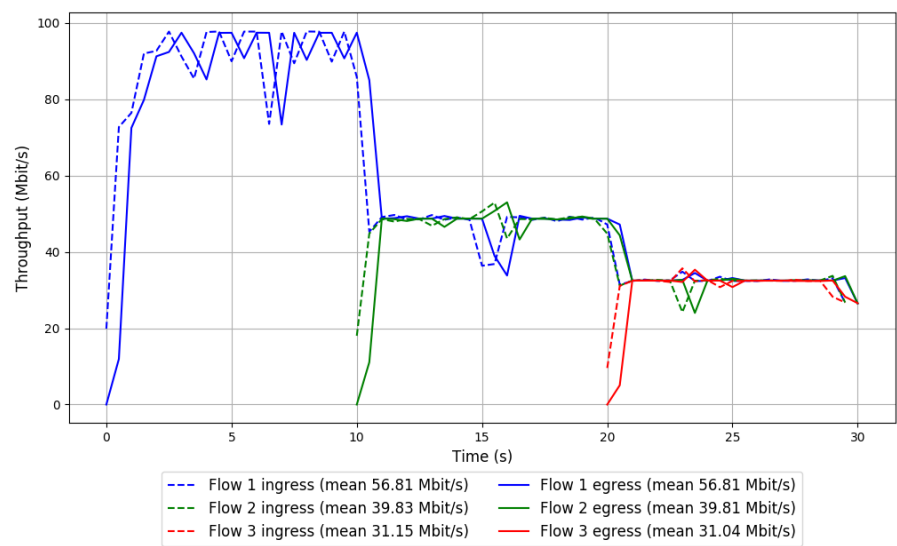


Run 4: Statistics of QUIC Cubic

Start at: 2019-08-27 13:01:12
End at: 2019-08-27 13:01:42
Local clock offset: -0.879 ms
Remote clock offset: -2.756 ms

Below is generated by plot.py at 2019-08-27 14:08:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.54 Mbit/s
95th percentile per-packet one-way delay: 33.115 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.81 Mbit/s
95th percentile per-packet one-way delay: 33.197 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 31.354 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 31.04 Mbit/s
95th percentile per-packet one-way delay: 37.686 ms
Loss rate: 0.62%

Run 4: Report of QUIC Cubic — Data Link

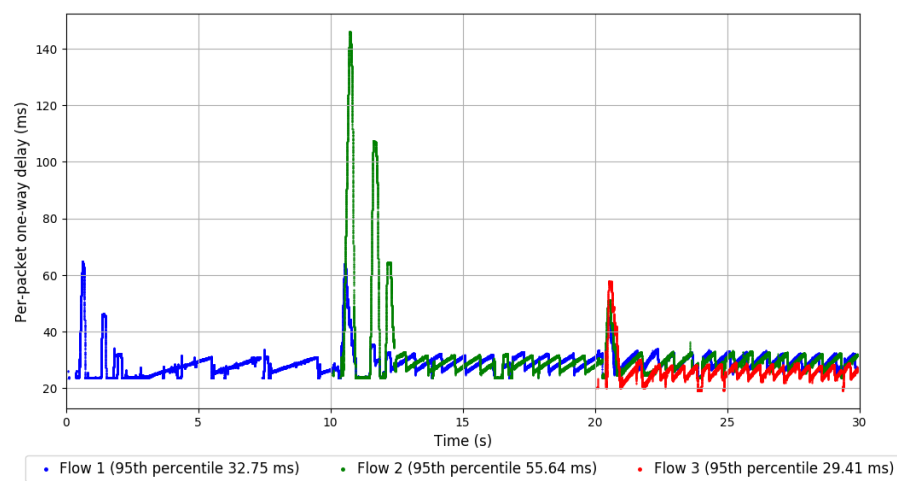
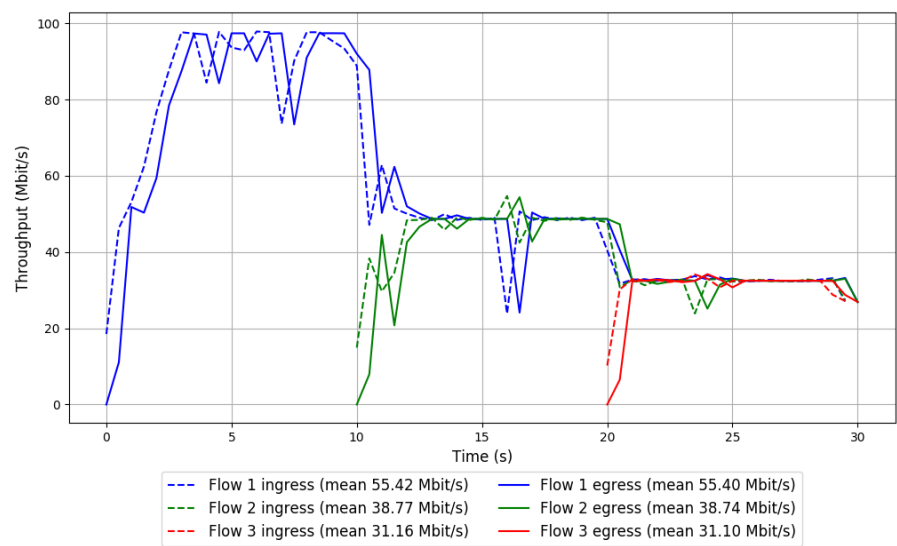


Run 5: Statistics of QUIC Cubic

Start at: 2019-08-27 13:30:32
End at: 2019-08-27 13:31:02
Local clock offset: -0.229 ms
Remote clock offset: -2.102 ms

Below is generated by plot.py at 2019-08-27 14:08:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.44 Mbit/s
95th percentile per-packet one-way delay: 35.172 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 55.40 Mbit/s
95th percentile per-packet one-way delay: 32.746 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 38.74 Mbit/s
95th percentile per-packet one-way delay: 55.636 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.10 Mbit/s
95th percentile per-packet one-way delay: 29.412 ms
Loss rate: 0.43%

Run 5: Report of QUIC Cubic — Data Link

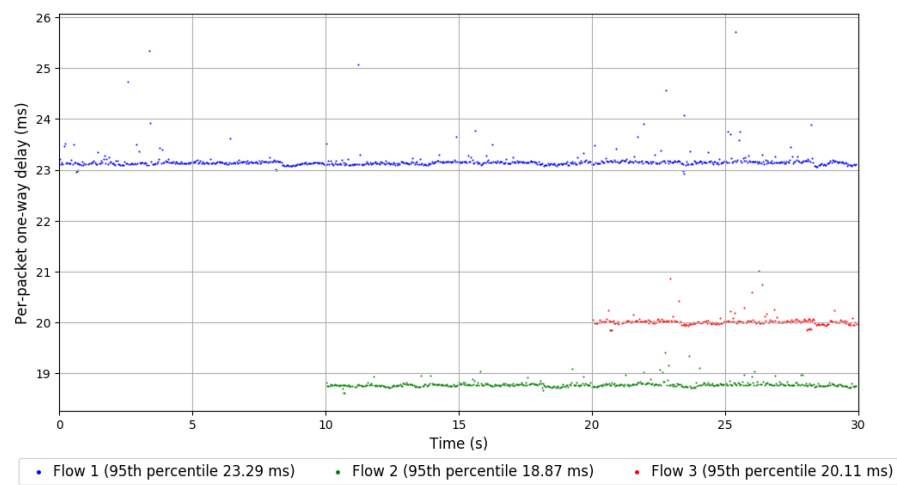
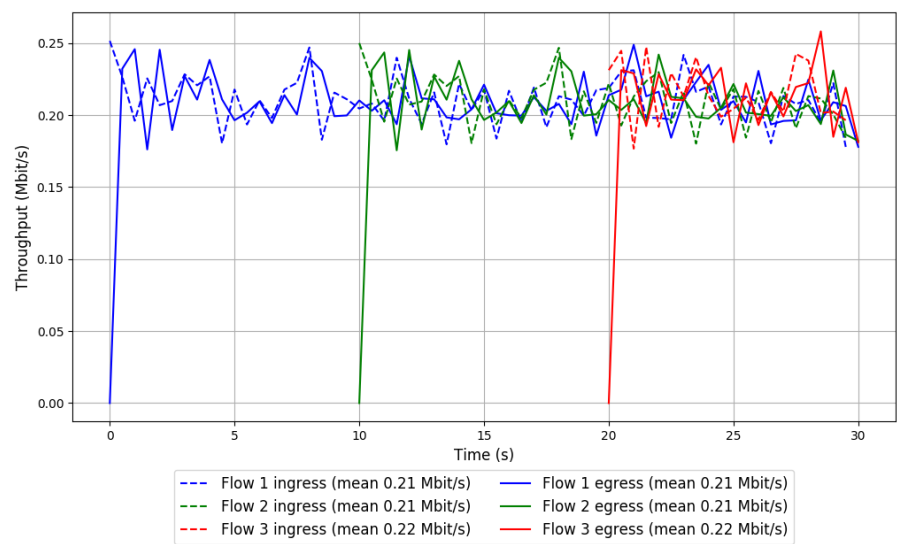


```
Run 1: Statistics of SReAM

Start at: 2019-08-27 11:26:05
End at: 2019-08-27 11:26:35
Local clock offset: -0.519 ms
Remote clock offset: -3.265 ms

# Below is generated by plot.py at 2019-08-27 14:08:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 23.193 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 23.285 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.872 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.109 ms
Loss rate: 0.36%
```

Run 1: Report of SReAM — Data Link

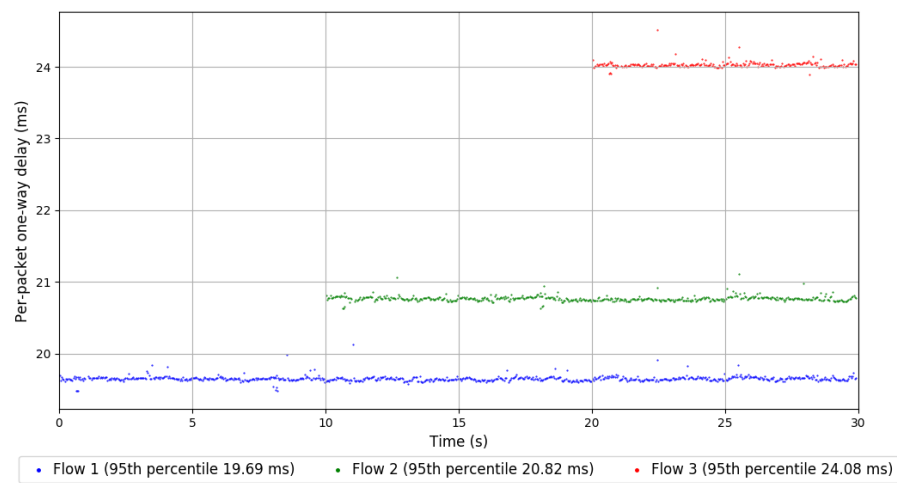
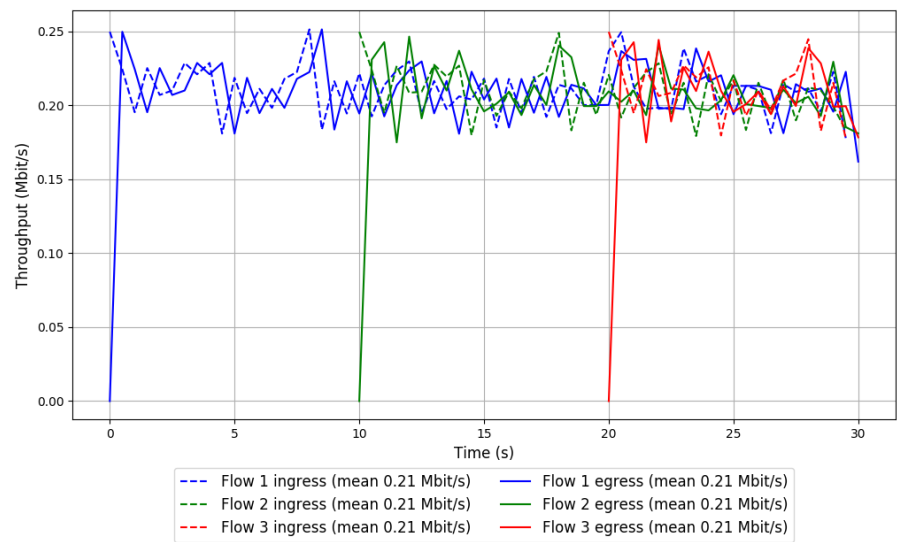


Run 2: Statistics of SReAM

Start at: 2019-08-27 11:55:55
End at: 2019-08-27 11:56:25
Local clock offset: -0.643 ms
Remote clock offset: -3.815 ms

Below is generated by plot.py at 2019-08-27 14:08:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 24.033 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.688 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 20.819 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 24.082 ms
Loss rate: 0.36%

Run 2: Report of SReAM — Data Link

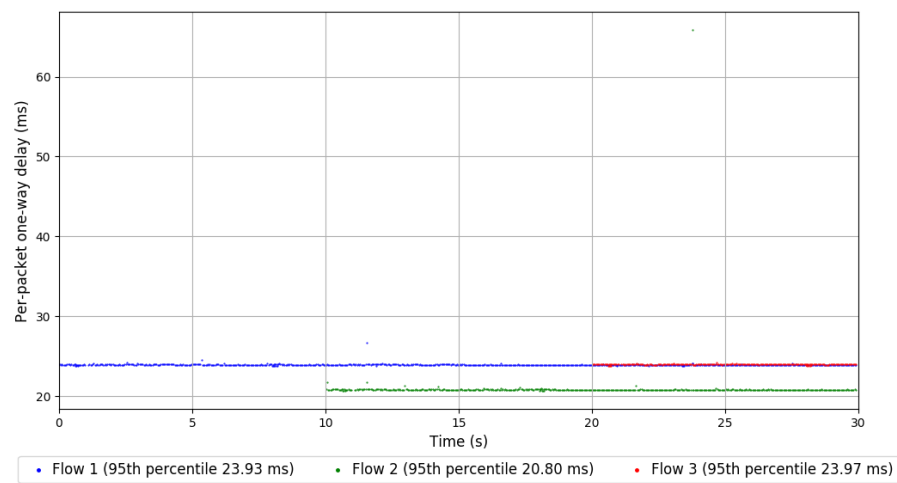
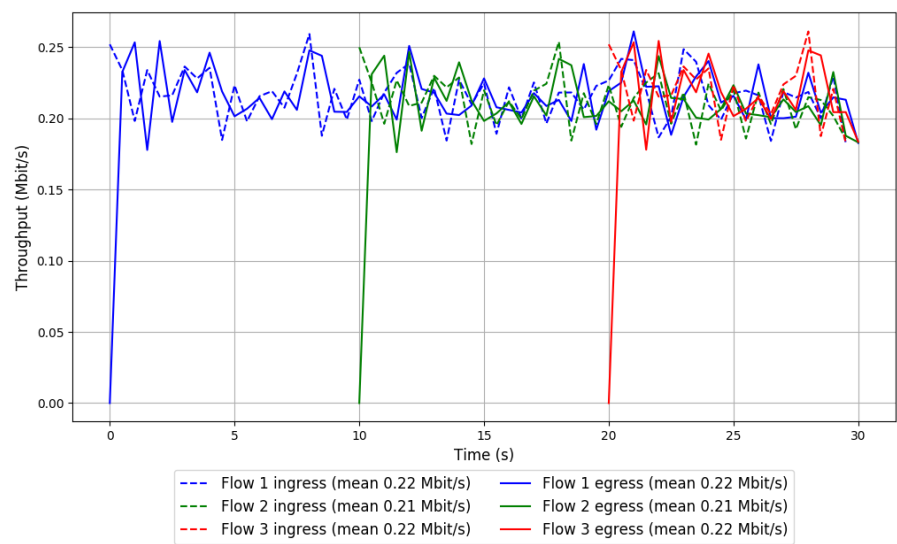


Run 3: Statistics of SReAM

Start at: 2019-08-27 12:25:16
End at: 2019-08-27 12:25:46
Local clock offset: -0.076 ms
Remote clock offset: -3.019 ms

Below is generated by plot.py at 2019-08-27 14:08:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 23.941 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.932 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 20.804 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.966 ms
Loss rate: 0.35%

Run 3: Report of SReAM — Data Link

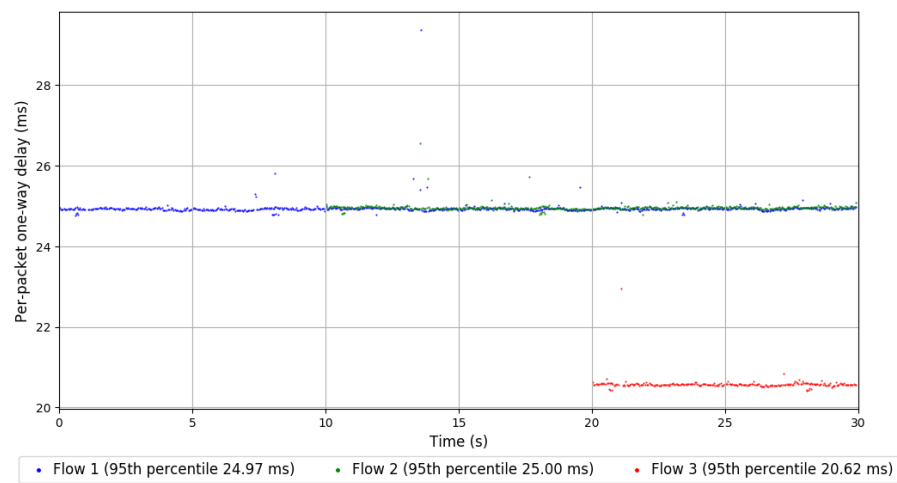
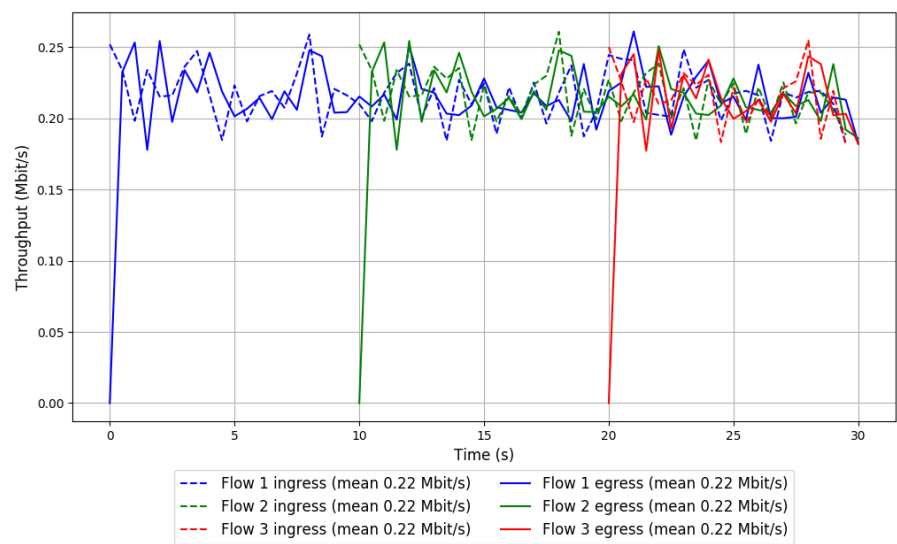


Run 4: Statistics of SReAM

Start at: 2019-08-27 12:55:14
End at: 2019-08-27 12:55:44
Local clock offset: -0.521 ms
Remote clock offset: -3.781 ms

Below is generated by plot.py at 2019-08-27 14:08:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 24.985 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 24.969 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.000 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.618 ms
Loss rate: 0.36%

Run 4: Report of SReAM — Data Link

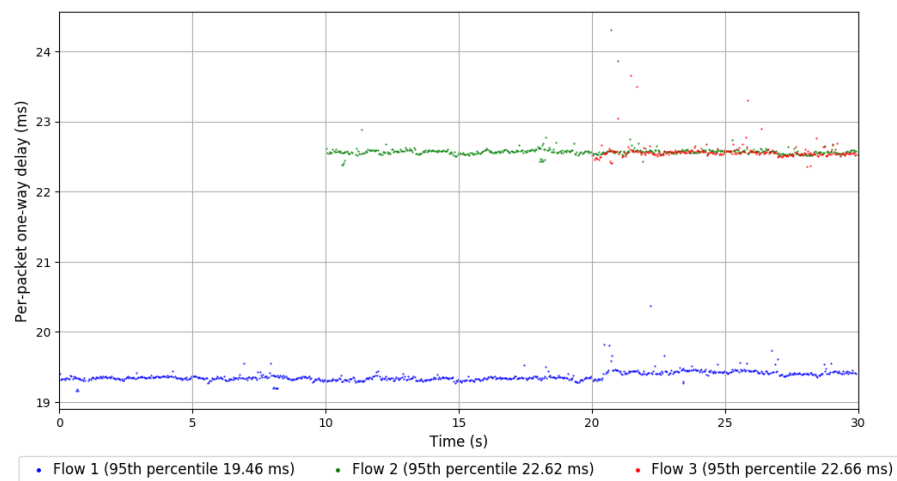
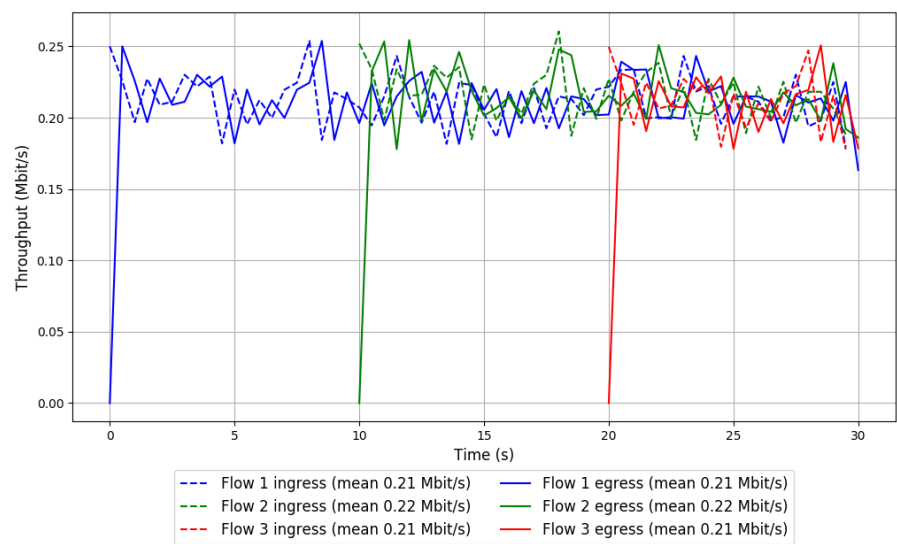


Run 5: Statistics of SReAM

Start at: 2019-08-27 13:24:33
End at: 2019-08-27 13:25:03
Local clock offset: -1.063 ms
Remote clock offset: -1.922 ms

Below is generated by plot.py at 2019-08-27 14:08:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 22.600 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.457 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.620 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 22.662 ms
Loss rate: 0.35%

Run 5: Report of SReAM — Data Link

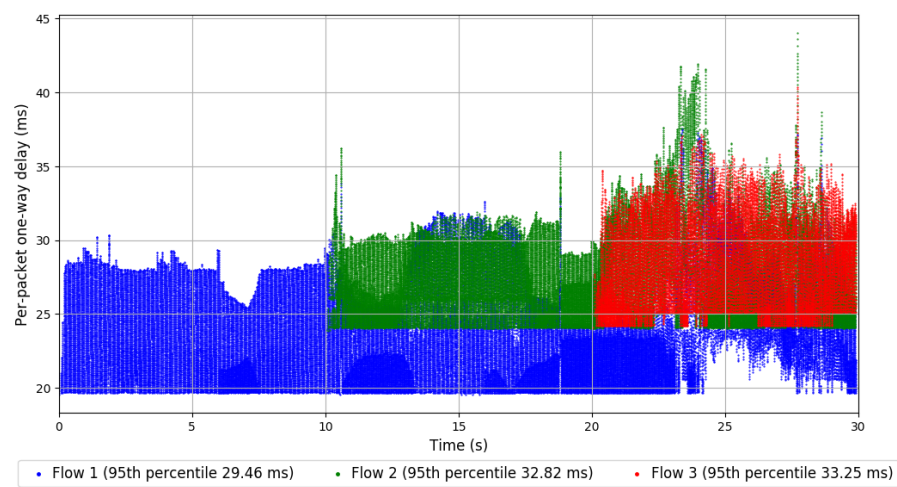
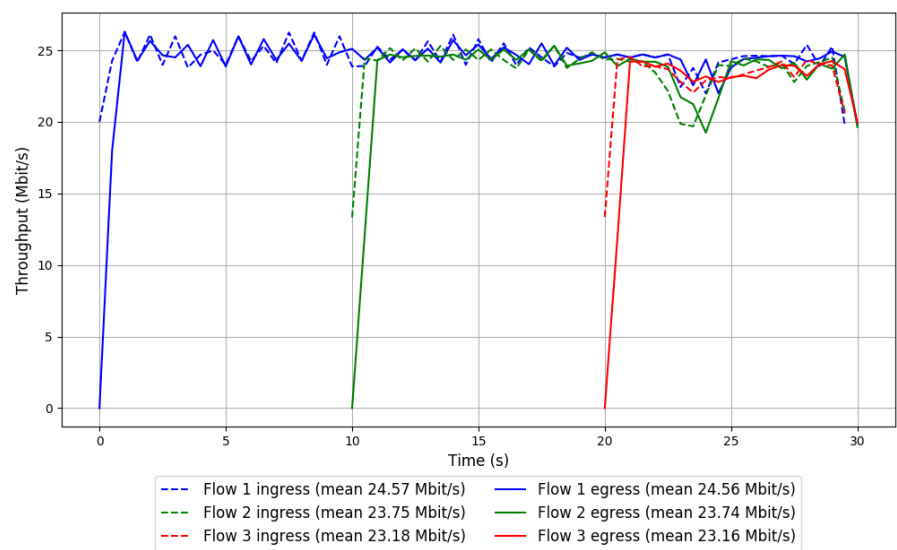


Run 1: Statistics of Sprout

Start at: 2019-08-27 11:33:35
End at: 2019-08-27 11:34:05
Local clock offset: -0.46 ms
Remote clock offset: -4.044 ms

Below is generated by plot.py at 2019-08-27 14:08:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.98 Mbit/s
95th percentile per-packet one-way delay: 31.917 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 29.459 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 23.74 Mbit/s
95th percentile per-packet one-way delay: 32.816 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.16 Mbit/s
95th percentile per-packet one-way delay: 33.251 ms
Loss rate: 0.43%

Run 1: Report of Sprout — Data Link

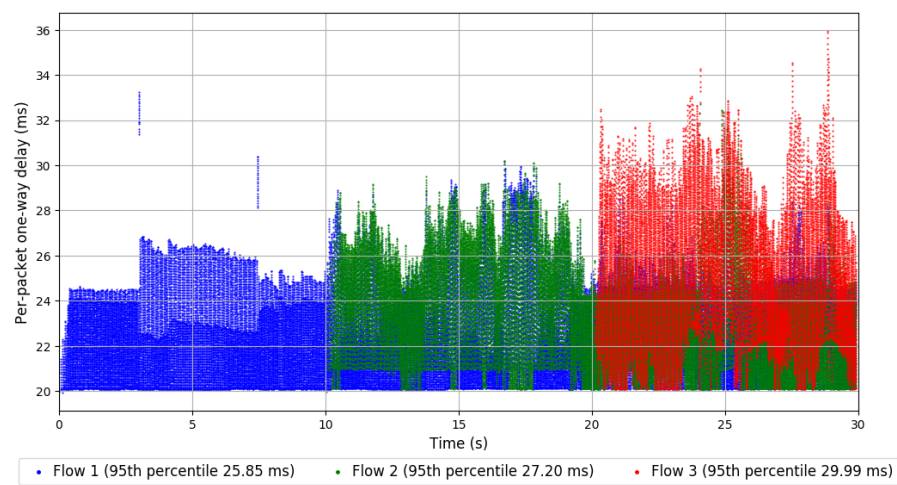
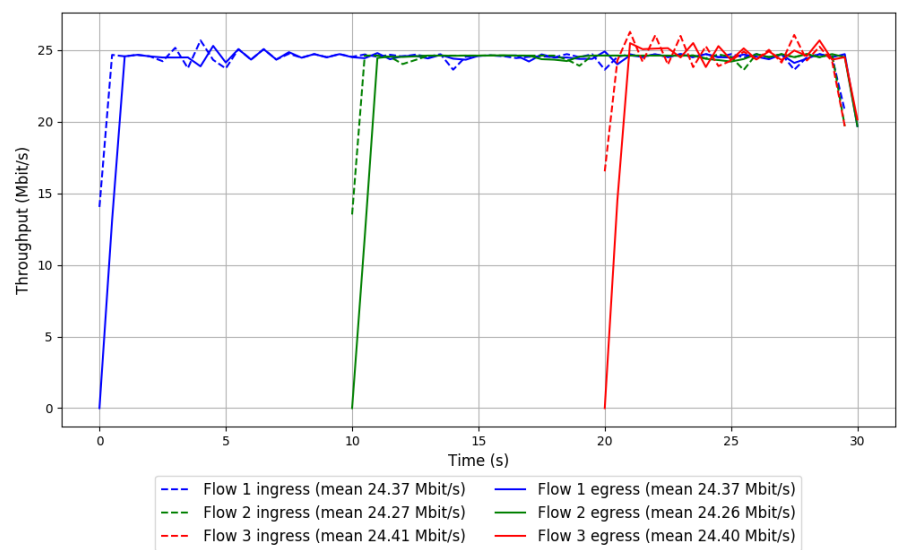


Run 2: Statistics of Sprout

Start at: 2019-08-27 12:03:10
End at: 2019-08-27 12:03:40
Local clock offset: -0.8 ms
Remote clock offset: -4.257 ms

Below is generated by plot.py at 2019-08-27 14:08:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.54 Mbit/s
95th percentile per-packet one-way delay: 27.666 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 25.851 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 27.198 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 29.990 ms
Loss rate: 0.16%

Run 2: Report of Sprout — Data Link

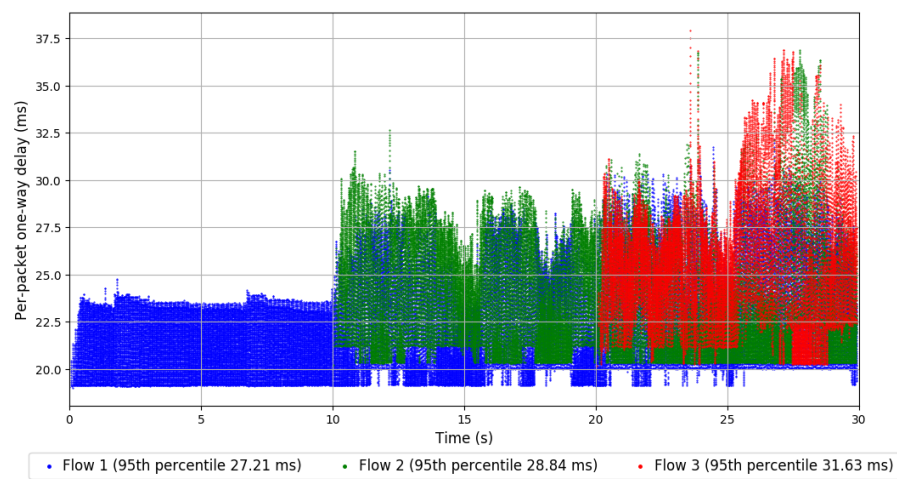
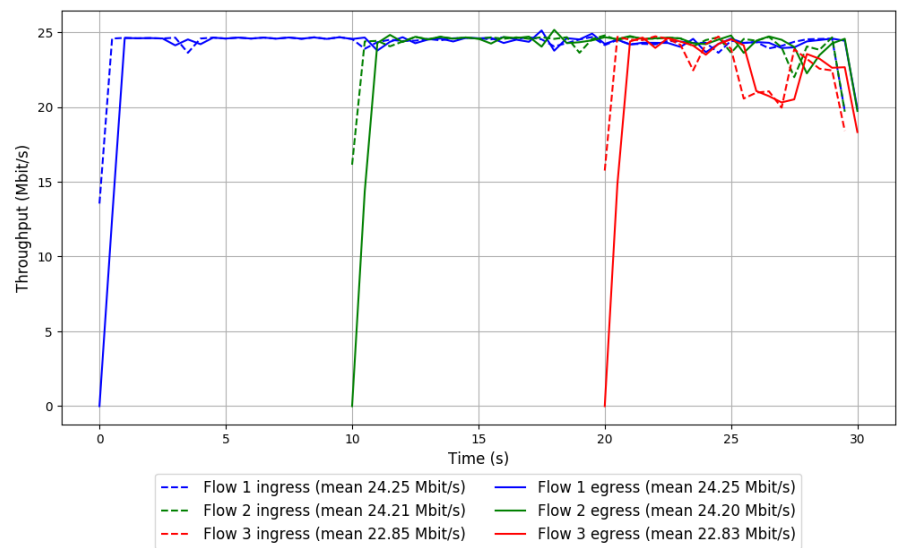


Run 3: Statistics of Sprout

Start at: 2019-08-27 12:32:37
End at: 2019-08-27 12:33:07
Local clock offset: -0.911 ms
Remote clock offset: -3.321 ms

Below is generated by plot.py at 2019-08-27 14:08:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.87 Mbit/s
95th percentile per-packet one-way delay: 28.602 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 24.25 Mbit/s
95th percentile per-packet one-way delay: 27.214 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 28.840 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 22.83 Mbit/s
95th percentile per-packet one-way delay: 31.629 ms
Loss rate: 0.19%

Run 3: Report of Sprout — Data Link

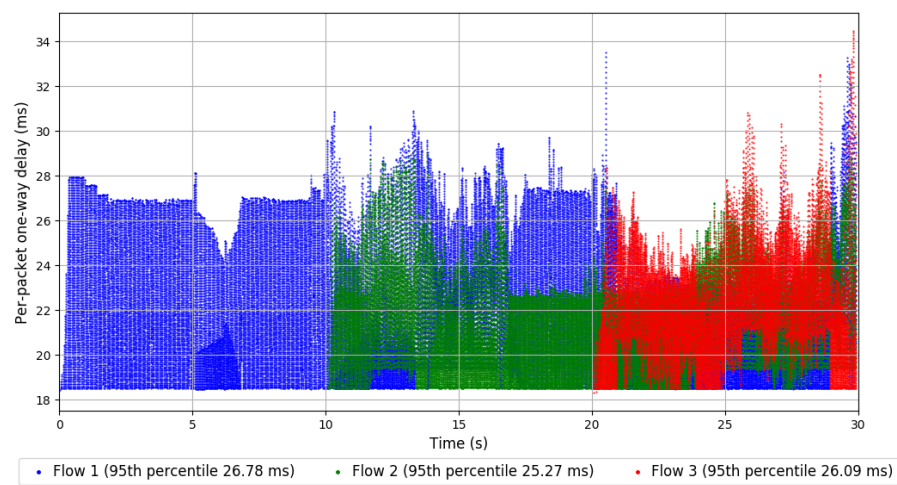
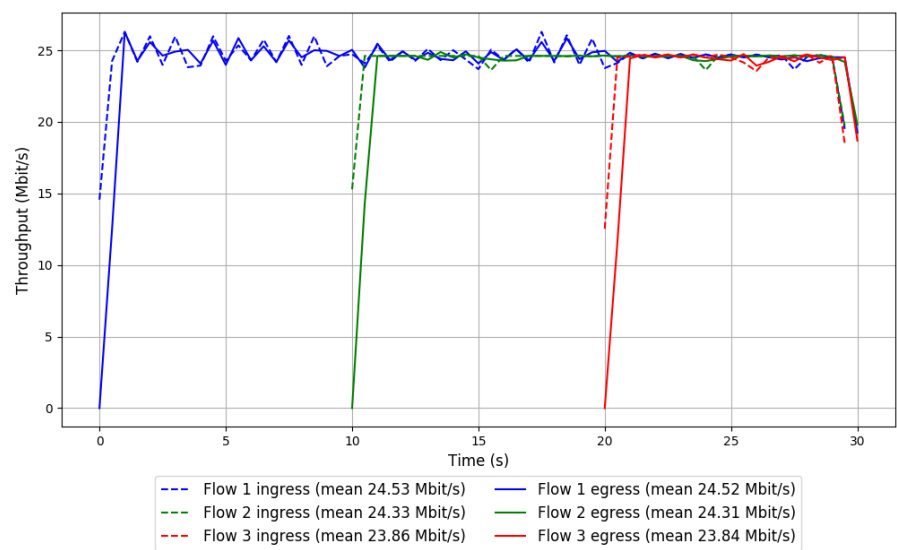


Run 4: Statistics of Sprout

Start at: 2019-08-27 13:02:26
End at: 2019-08-27 13:02:56
Local clock offset: -0.785 ms
Remote clock offset: -1.959 ms

Below is generated by plot.py at 2019-08-27 14:08:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.57 Mbit/s
95th percentile per-packet one-way delay: 26.383 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 26.780 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 25.267 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 26.094 ms
Loss rate: 0.17%

Run 4: Report of Sprout — Data Link

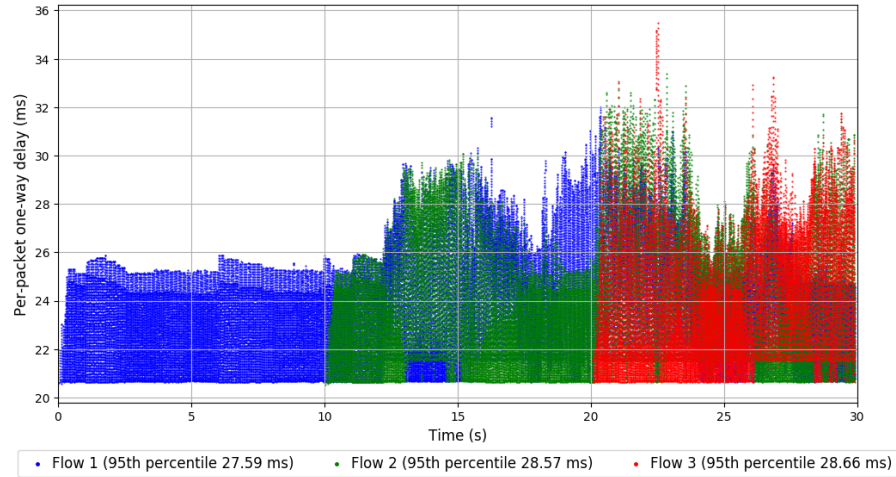
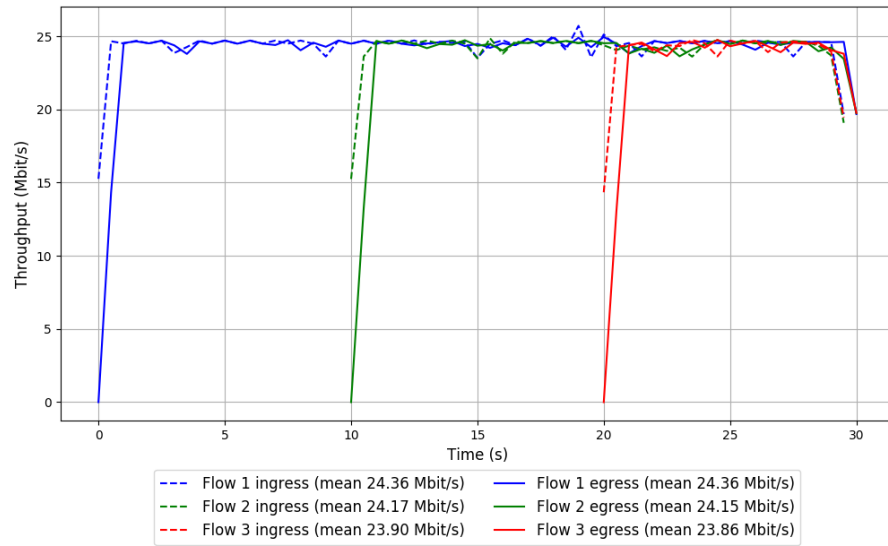


Run 5: Statistics of Sprout

Start at: 2019-08-27 13:31:44
End at: 2019-08-27 13:32:14
Local clock offset: 0.035 ms
Remote clock offset: -3.296 ms

Below is generated by plot.py at 2019-08-27 14:08:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.30 Mbit/s
95th percentile per-packet one-way delay: 28.135 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 27.587 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.15 Mbit/s
95th percentile per-packet one-way delay: 28.567 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 28.659 ms
Loss rate: 0.35%

Run 5: Report of Sprout — Data Link

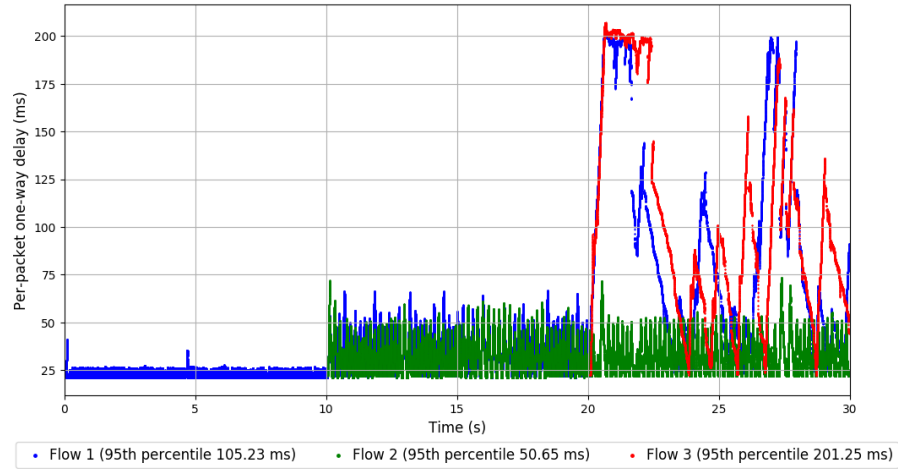
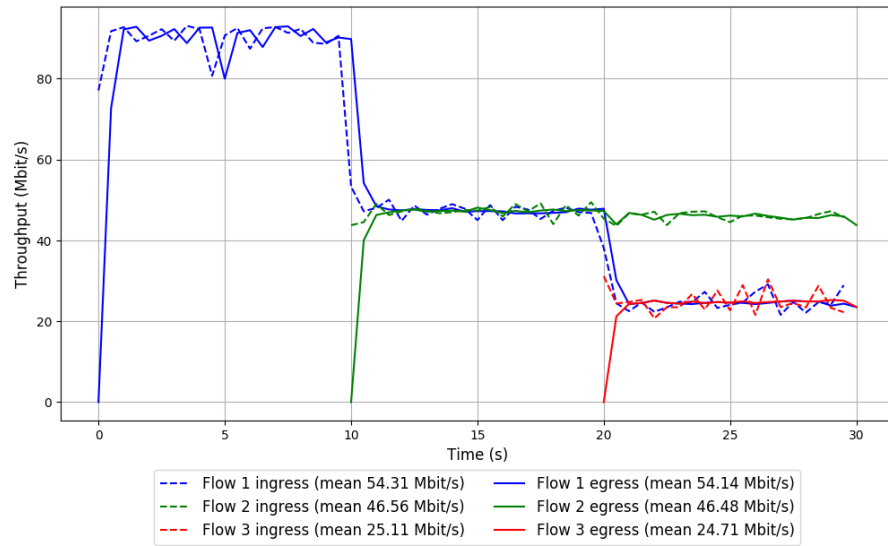


```
Run 1: Statistics of TaoVA-100x

Start at: 2019-08-27 11:34:46
End at: 2019-08-27 11:35:16
Local clock offset: -0.946 ms
Remote clock offset: -4.733 ms

# Below is generated by plot.py at 2019-08-27 14:09:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.29 Mbit/s
95th percentile per-packet one-way delay: 117.275 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 54.14 Mbit/s
95th percentile per-packet one-way delay: 105.230 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 46.48 Mbit/s
95th percentile per-packet one-way delay: 50.654 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 201.254 ms
Loss rate: 1.83%
```

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

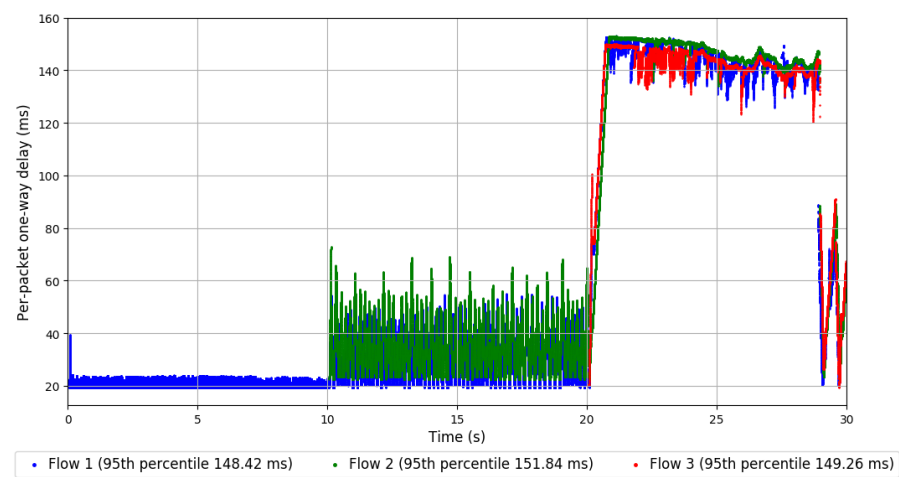
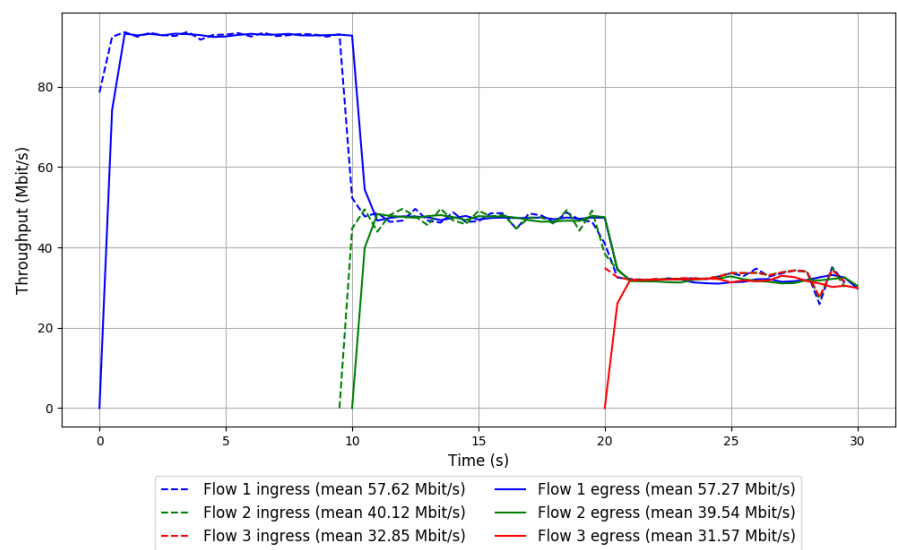


Run 2: Statistics of TaoVA-100x

Start at: 2019-08-27 12:04:19
End at: 2019-08-27 12:04:49
Local clock offset: 0.038 ms
Remote clock offset: -1.442 ms

Below is generated by plot.py at 2019-08-27 14:10:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.09 Mbit/s
95th percentile per-packet one-way delay: 150.373 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 57.27 Mbit/s
95th percentile per-packet one-way delay: 148.423 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 151.844 ms
Loss rate: 1.58%
-- Flow 3:
Average throughput: 31.57 Mbit/s
95th percentile per-packet one-way delay: 149.256 ms
Loss rate: 4.14%

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

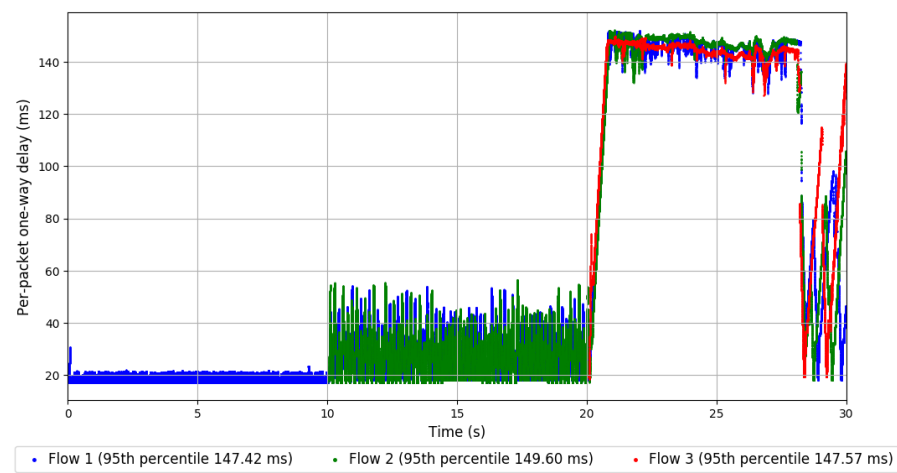
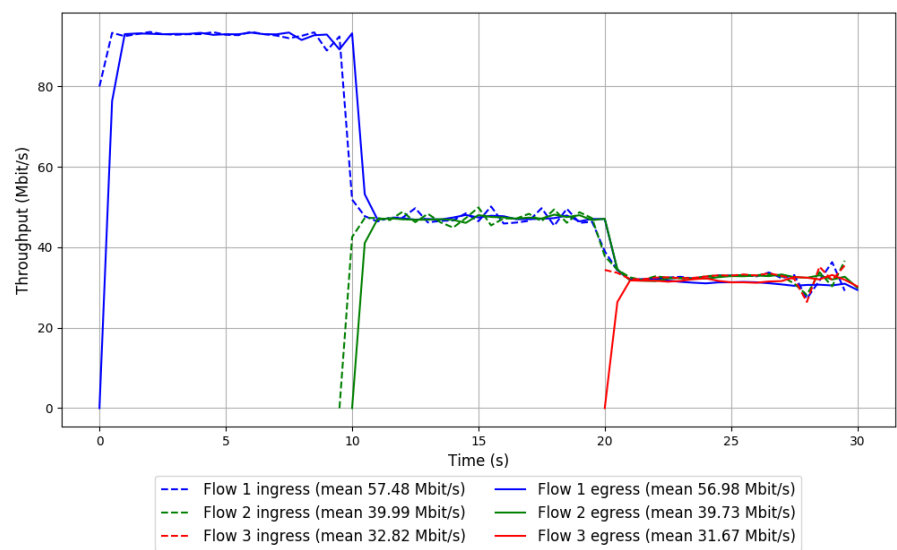


Run 3: Statistics of TaoVA-100x

Start at: 2019-08-27 12:33:46
End at: 2019-08-27 12:34:16
Local clock offset: -0.085 ms
Remote clock offset: -0.691 ms

Below is generated by plot.py at 2019-08-27 14:10:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.95 Mbit/s
95th percentile per-packet one-way delay: 148.399 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 56.98 Mbit/s
95th percentile per-packet one-way delay: 147.419 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 149.603 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 147.572 ms
Loss rate: 3.74%

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

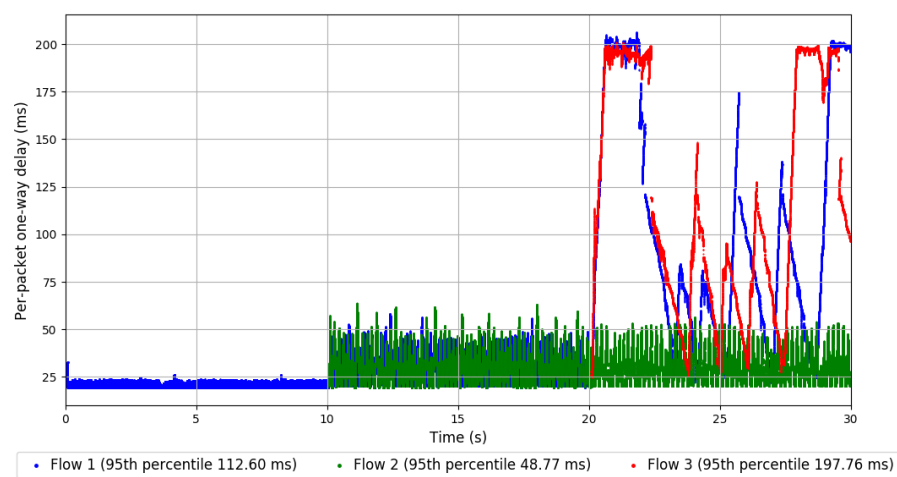
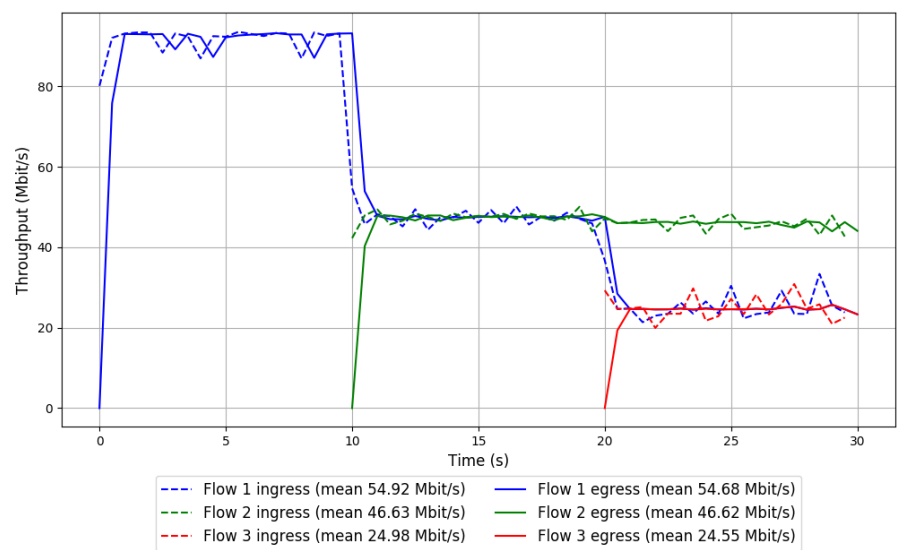


Run 4: Statistics of TaoVA-100x

Start at: 2019-08-27 13:03:36
End at: 2019-08-27 13:04:06
Local clock offset: 0.29 ms
Remote clock offset: -1.747 ms

Below is generated by plot.py at 2019-08-27 14:10:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 172.637 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 54.68 Mbit/s
95th percentile per-packet one-way delay: 112.601 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 46.62 Mbit/s
95th percentile per-packet one-way delay: 48.772 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 197.763 ms
Loss rate: 2.06%

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

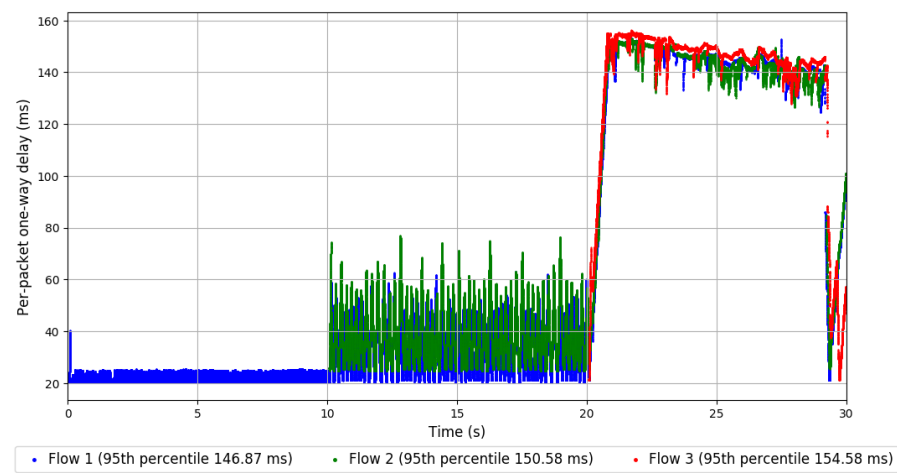
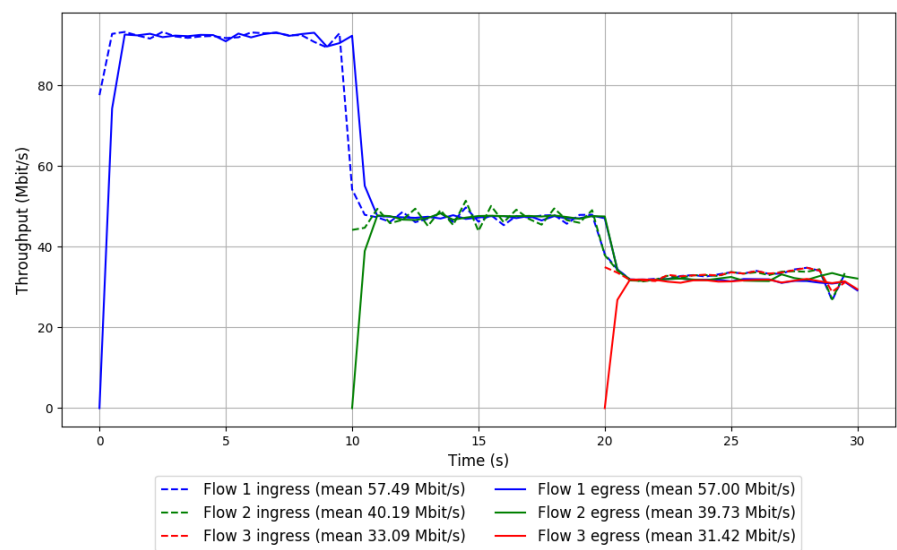


Run 5: Statistics of TaoVA-100x

Start at: 2019-08-27 13:32:52
End at: 2019-08-27 13:33:22
Local clock offset: -0.625 ms
Remote clock offset: -3.597 ms

Below is generated by plot.py at 2019-08-27 14:10:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 150.681 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 57.00 Mbit/s
95th percentile per-packet one-way delay: 146.869 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 150.578 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 31.42 Mbit/s
95th percentile per-packet one-way delay: 154.580 ms
Loss rate: 5.28%

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

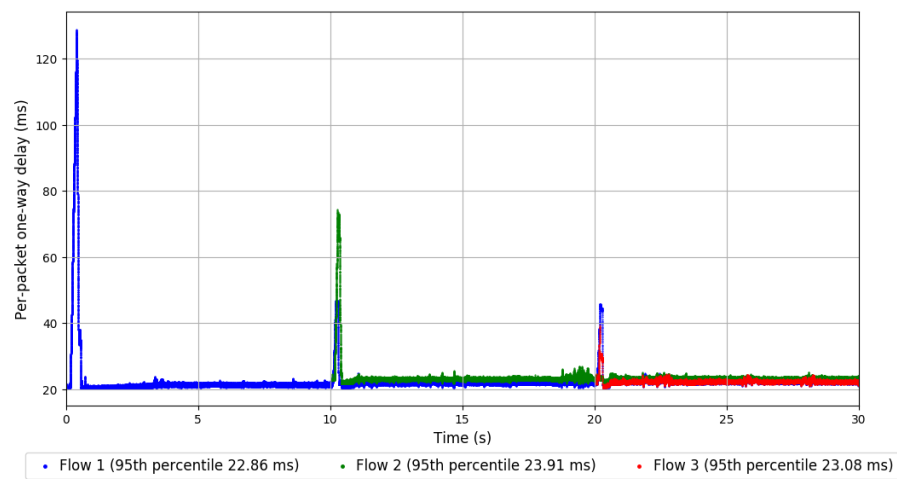
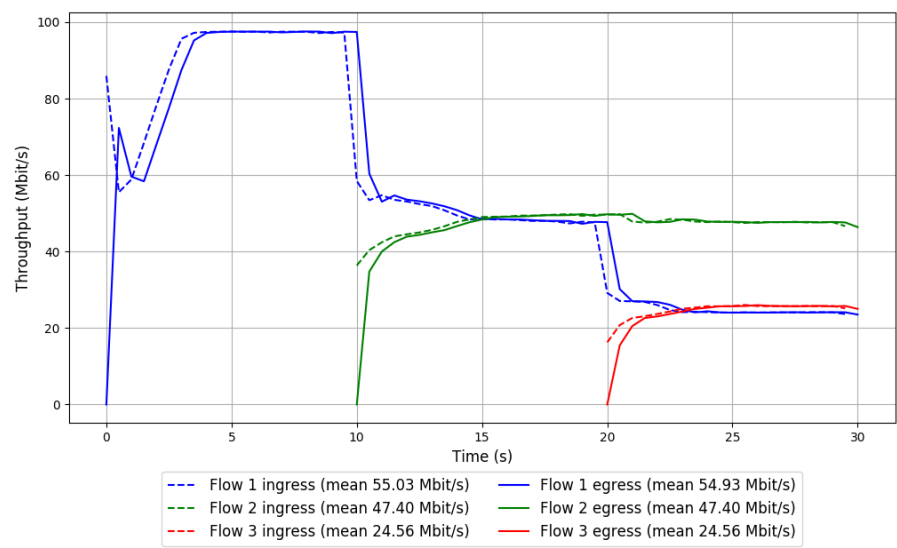


Run 1: Statistics of TCP Vegas

Start at: 2019-08-27 11:43:27
End at: 2019-08-27 11:43:57
Local clock offset: -0.392 ms
Remote clock offset: -4.757 ms

Below is generated by plot.py at 2019-08-27 14:10:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.63 Mbit/s
95th percentile per-packet one-way delay: 23.748 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 54.93 Mbit/s
95th percentile per-packet one-way delay: 22.863 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 47.40 Mbit/s
95th percentile per-packet one-way delay: 23.908 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 23.076 ms
Loss rate: 0.27%

Run 1: Report of TCP Vegas — Data Link

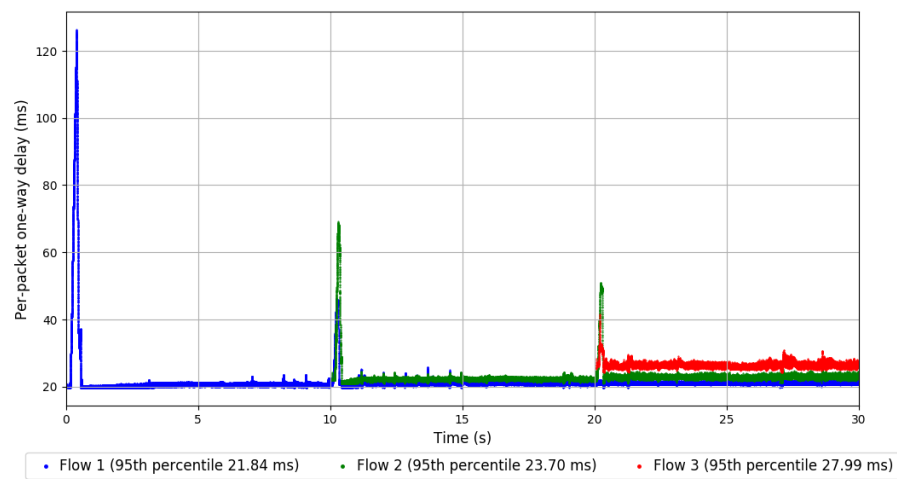
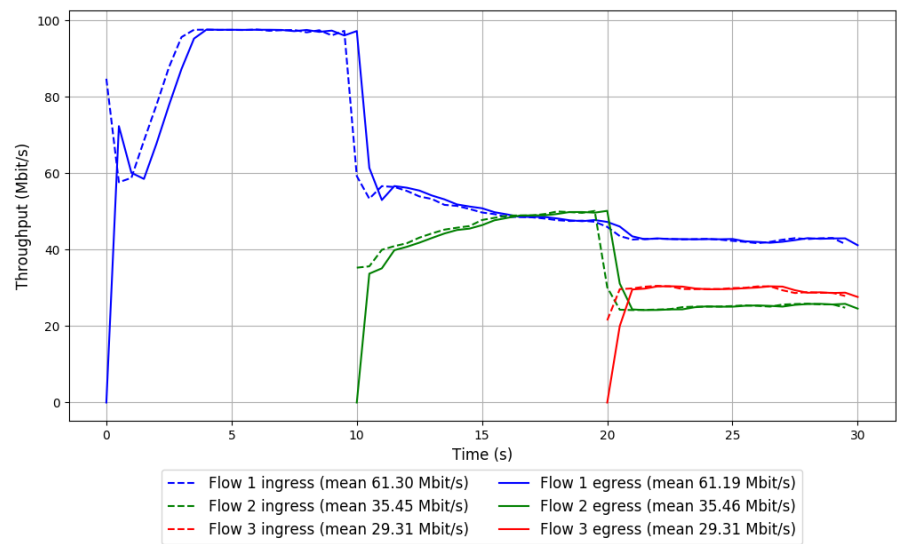


Run 2: Statistics of TCP Vegas

Start at: 2019-08-27 12:12:58
End at: 2019-08-27 12:13:28
Local clock offset: -0.33 ms
Remote clock offset: -3.448 ms

Below is generated by plot.py at 2019-08-27 14:10:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 26.745 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 61.19 Mbit/s
95th percentile per-packet one-way delay: 21.840 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 35.46 Mbit/s
95th percentile per-packet one-way delay: 23.695 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 29.31 Mbit/s
95th percentile per-packet one-way delay: 27.986 ms
Loss rate: 0.31%

Run 2: Report of TCP Vegas — Data Link

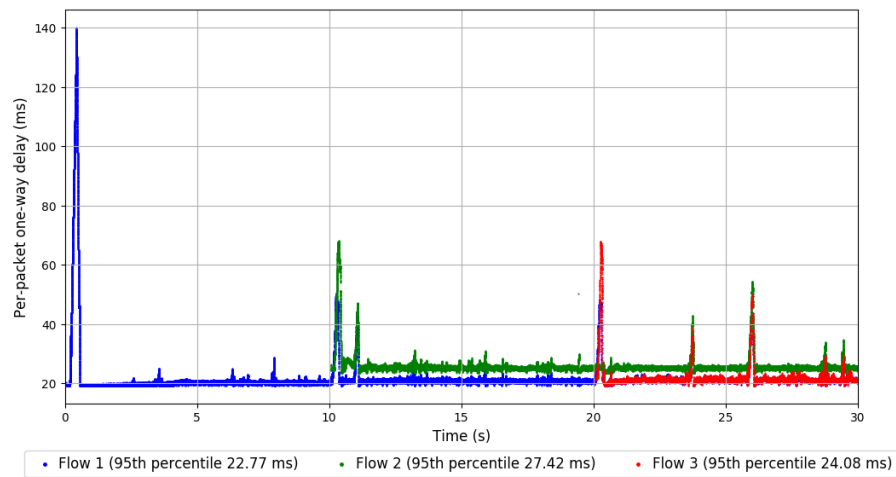
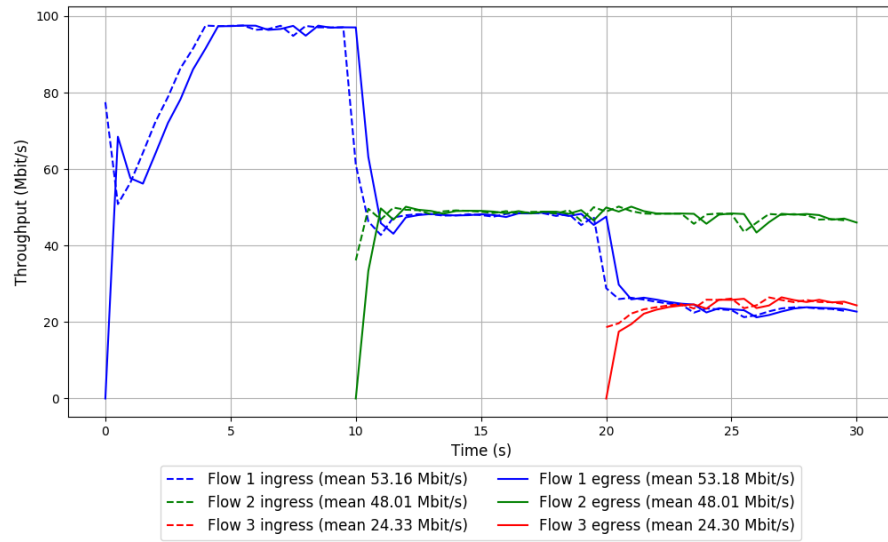


Run 3: Statistics of TCP Vegas

Start at: 2019-08-27 12:42:22
End at: 2019-08-27 12:42:52
Local clock offset: -0.709 ms
Remote clock offset: -3.072 ms

```
# Below is generated by plot.py at 2019-08-27 14:10:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.19 Mbit/s
95th percentile per-packet one-way delay: 26.612 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 53.18 Mbit/s
95th percentile per-packet one-way delay: 22.773 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 48.01 Mbit/s
95th percentile per-packet one-way delay: 27.422 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 24.080 ms
Loss rate: 0.39%
```

Run 3: Report of TCP Vegas — Data Link

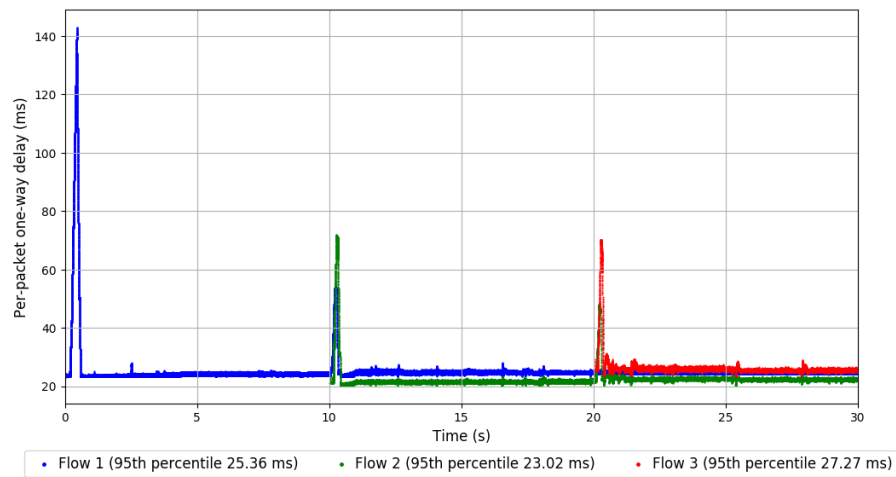
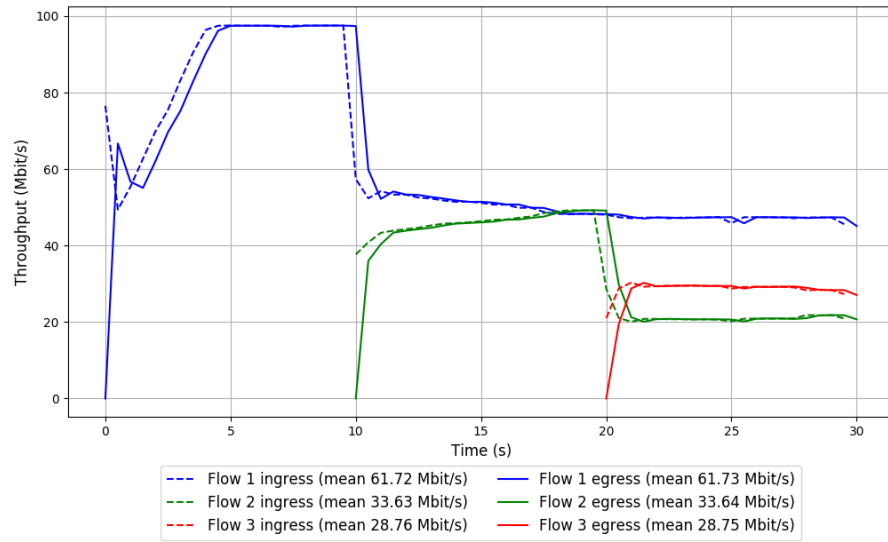


Run 4: Statistics of TCP Vegas

Start at: 2019-08-27 13:12:19
End at: 2019-08-27 13:12:49
Local clock offset: -1.026 ms
Remote clock offset: -2.723 ms

Below is generated by plot.py at 2019-08-27 14:10:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.67 Mbit/s
95th percentile per-packet one-way delay: 26.028 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 61.73 Mbit/s
95th percentile per-packet one-way delay: 25.360 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 33.64 Mbit/s
95th percentile per-packet one-way delay: 23.019 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 28.75 Mbit/s
95th percentile per-packet one-way delay: 27.265 ms
Loss rate: 0.30%

Run 4: Report of TCP Vegas — Data Link

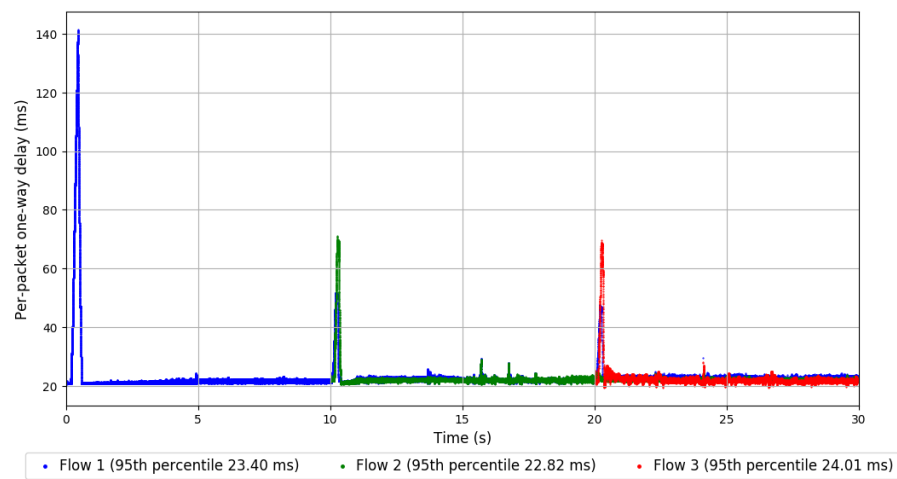
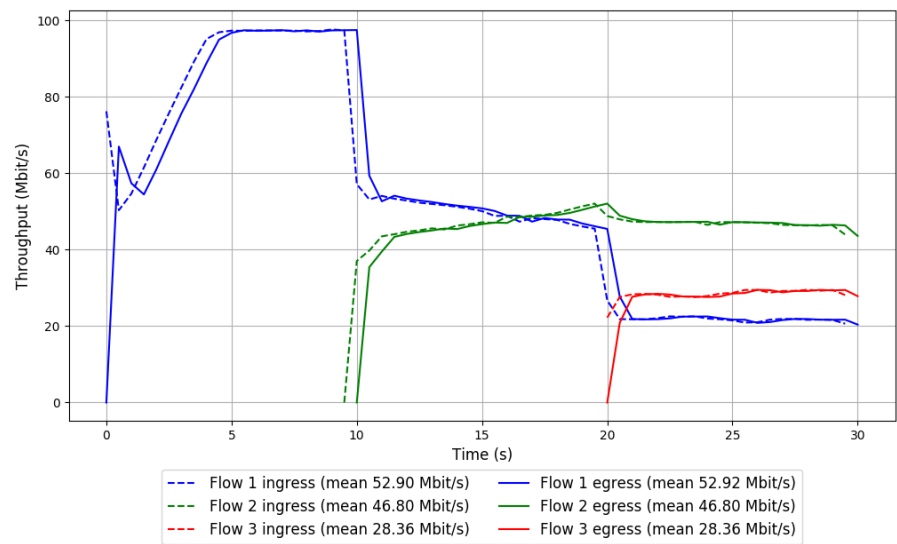


Run 5: Statistics of TCP Vegas

Start at: 2019-08-27 13:41:19
End at: 2019-08-27 13:41:49
Local clock offset: -3.791 ms
Remote clock offset: -6.219 ms

Below is generated by plot.py at 2019-08-27 14:10:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.52 Mbit/s
95th percentile per-packet one-way delay: 23.300 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 52.92 Mbit/s
95th percentile per-packet one-way delay: 23.401 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 46.80 Mbit/s
95th percentile per-packet one-way delay: 22.819 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 28.36 Mbit/s
95th percentile per-packet one-way delay: 24.012 ms
Loss rate: 0.28%

Run 5: Report of TCP Vegas — Data Link

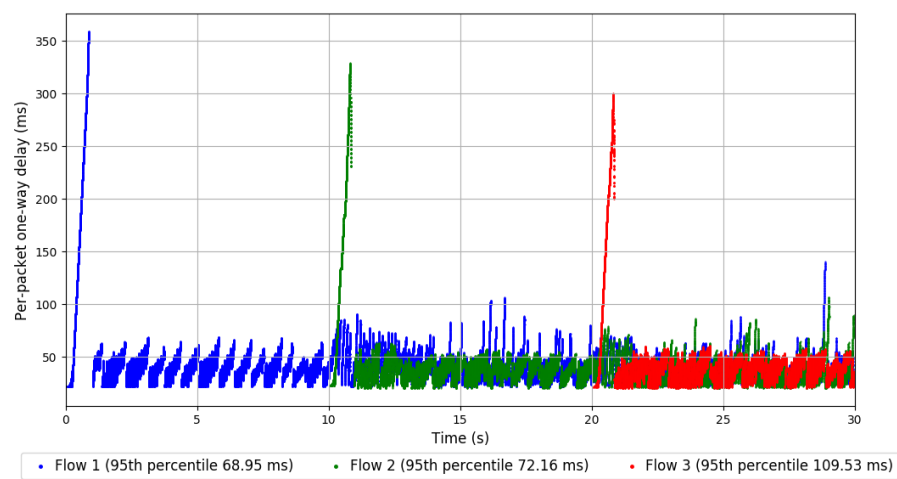
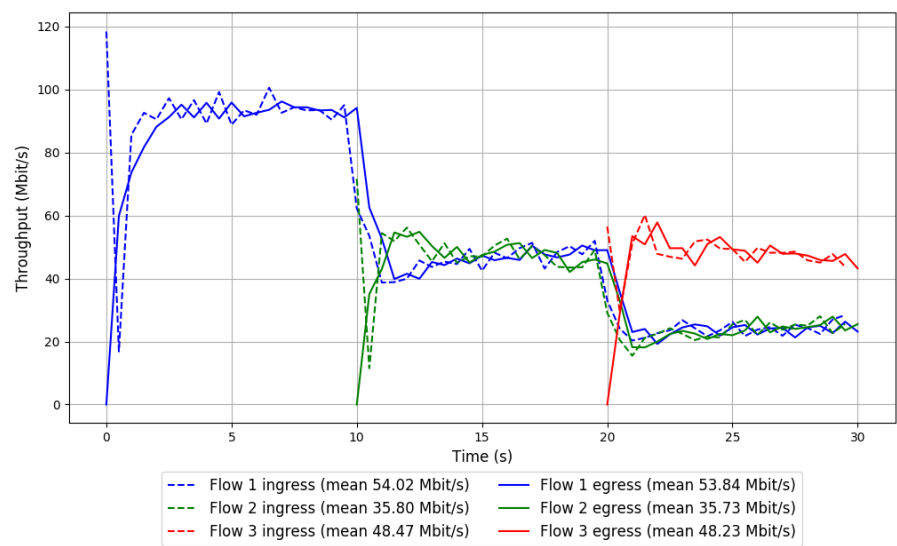


Run 1: Statistics of Verus

Start at: 2019-08-27 11:31:00
End at: 2019-08-27 11:31:30
Local clock offset: -0.26 ms
Remote clock offset: -4.876 ms

Below is generated by plot.py at 2019-08-27 14:10:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 70.497 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 53.84 Mbit/s
95th percentile per-packet one-way delay: 68.947 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 35.73 Mbit/s
95th percentile per-packet one-way delay: 72.159 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 48.23 Mbit/s
95th percentile per-packet one-way delay: 109.531 ms
Loss rate: 0.62%

Run 1: Report of Verus — Data Link

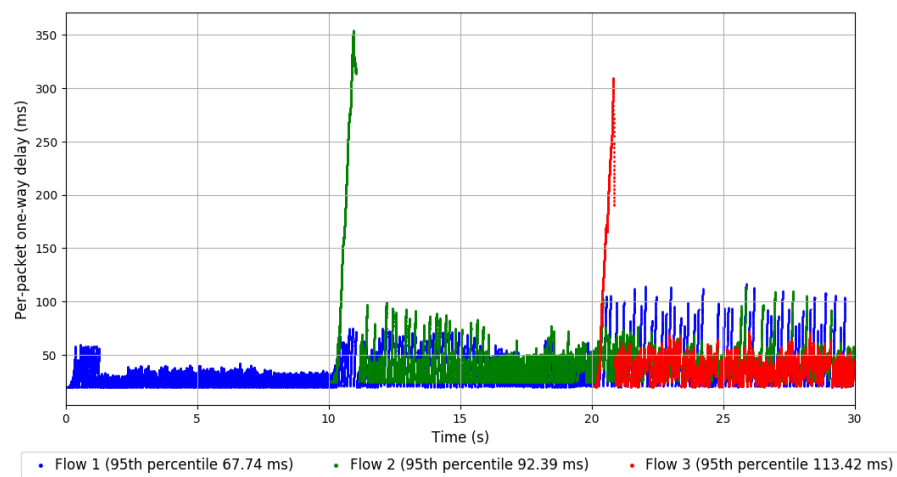
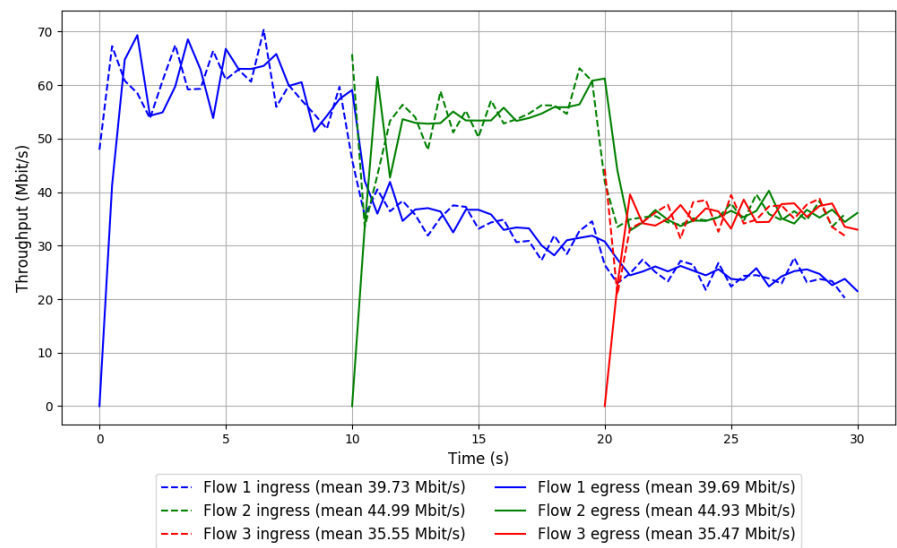


Run 2: Statistics of Verus

Start at: 2019-08-27 12:00:44
End at: 2019-08-27 12:01:14
Local clock offset: -0.578 ms
Remote clock offset: -4.199 ms

Below is generated by plot.py at 2019-08-27 14:10:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.34 Mbit/s
95th percentile per-packet one-way delay: 79.277 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 67.742 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 44.93 Mbit/s
95th percentile per-packet one-way delay: 92.386 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 35.47 Mbit/s
95th percentile per-packet one-way delay: 113.425 ms
Loss rate: 0.44%

Run 2: Report of Verus — Data Link

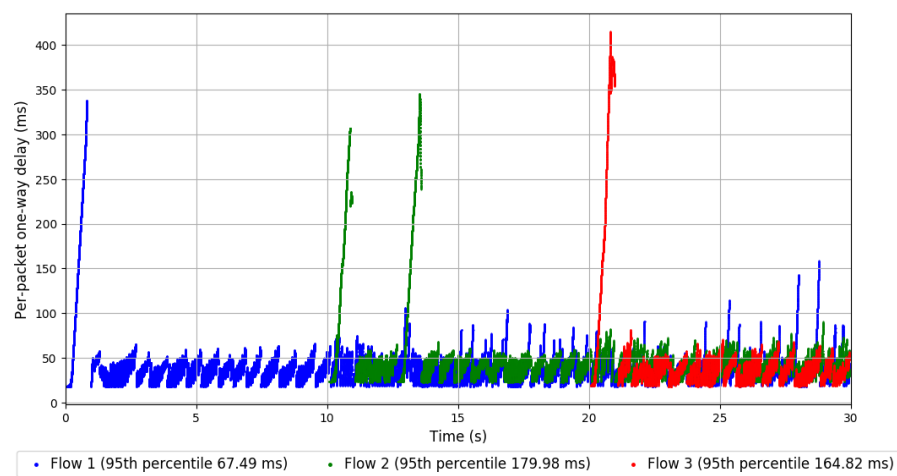
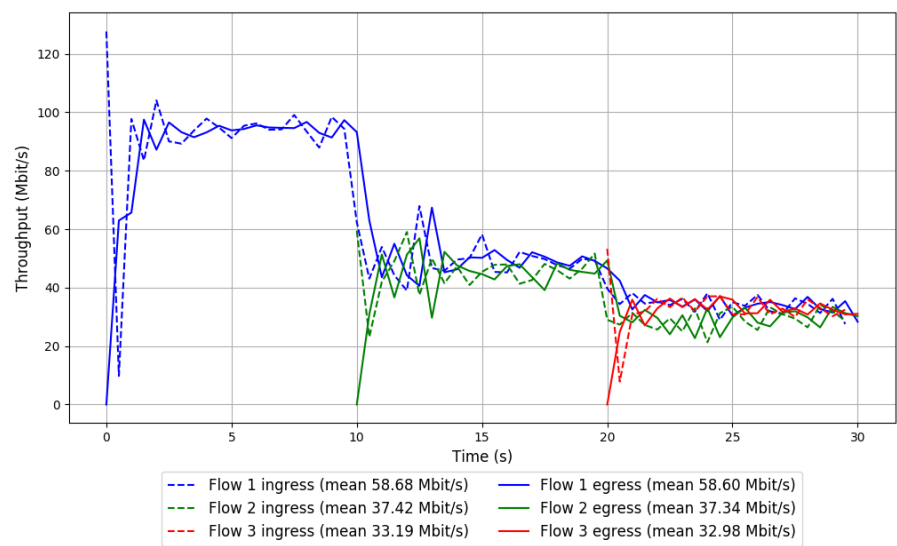


Run 3: Statistics of Verus

Start at: 2019-08-27 12:30:08
End at: 2019-08-27 12:30:38
Local clock offset: -0.708 ms
Remote clock offset: -2.164 ms

Below is generated by plot.py at 2019-08-27 14:11:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 85.115 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 58.60 Mbit/s
95th percentile per-packet one-way delay: 67.488 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 37.34 Mbit/s
95th percentile per-packet one-way delay: 179.976 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 164.825 ms
Loss rate: 0.82%

Run 3: Report of Verus — Data Link

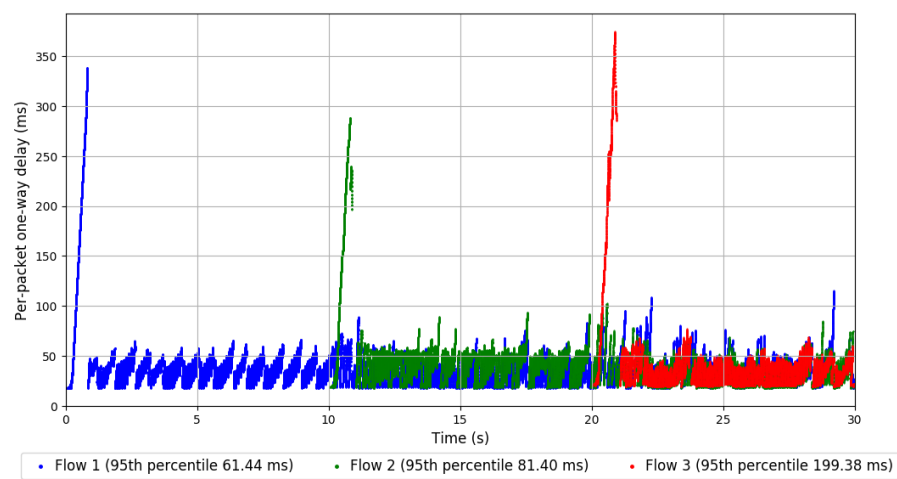
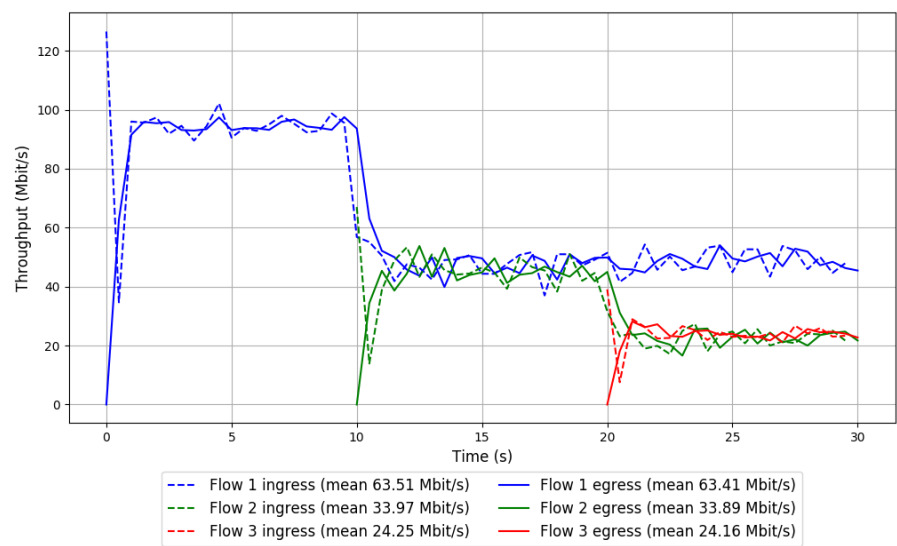


Run 4: Statistics of Verus

Start at: 2019-08-27 12:59:57
End at: 2019-08-27 13:00:27
Local clock offset: -0.587 ms
Remote clock offset: -1.019 ms

Below is generated by plot.py at 2019-08-27 14:11:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 67.117 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 63.41 Mbit/s
95th percentile per-packet one-way delay: 61.438 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: 81.404 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 199.378 ms
Loss rate: 0.61%

Run 4: Report of Verus — Data Link

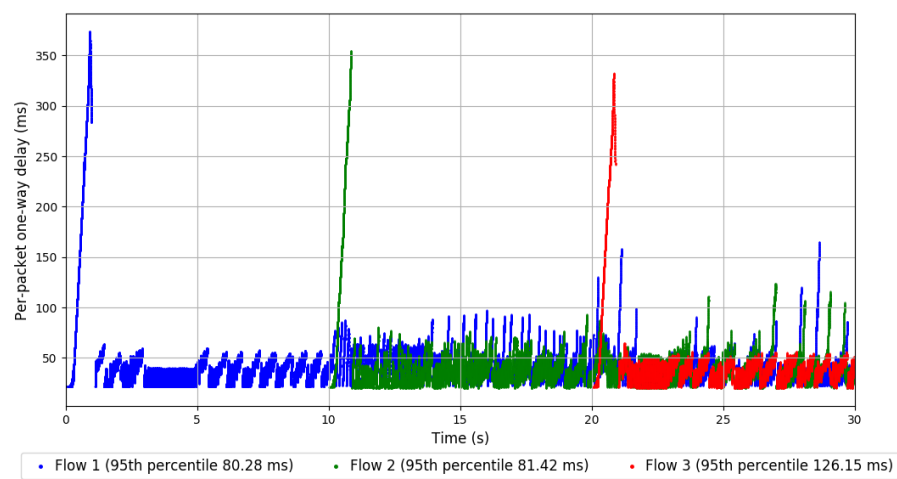
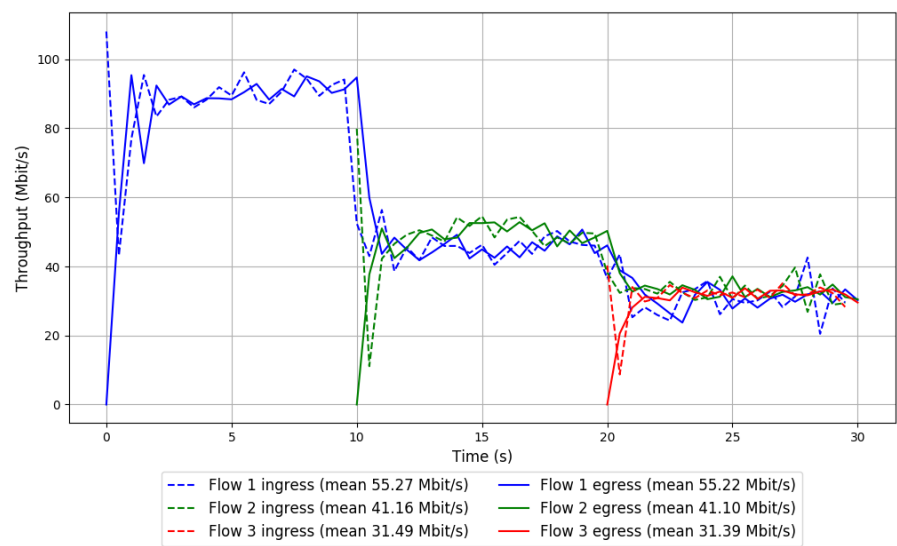


Run 5: Statistics of Verus

Start at: 2019-08-27 13:29:19
End at: 2019-08-27 13:29:49
Local clock offset: -0.404 ms
Remote clock offset: -3.082 ms

Below is generated by plot.py at 2019-08-27 14:11:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 81.809 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 55.22 Mbit/s
95th percentile per-packet one-way delay: 80.281 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 41.10 Mbit/s
95th percentile per-packet one-way delay: 81.423 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 126.149 ms
Loss rate: 0.52%

Run 5: Report of Verus — Data Link

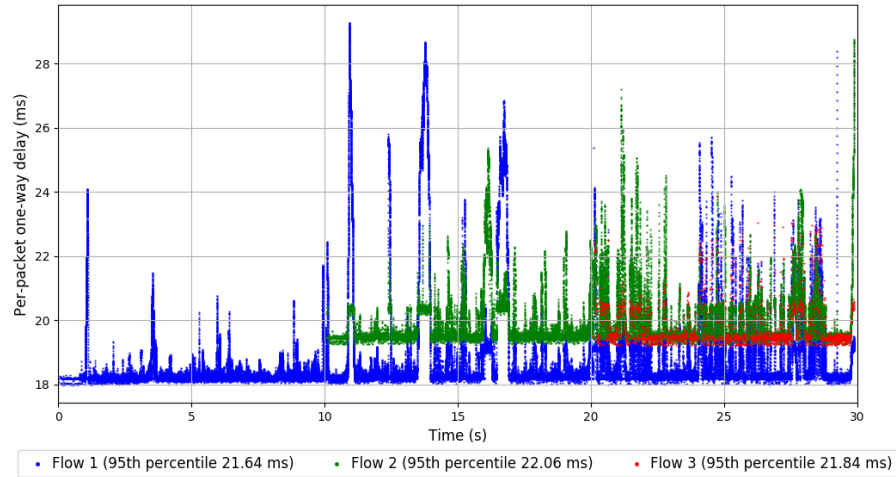
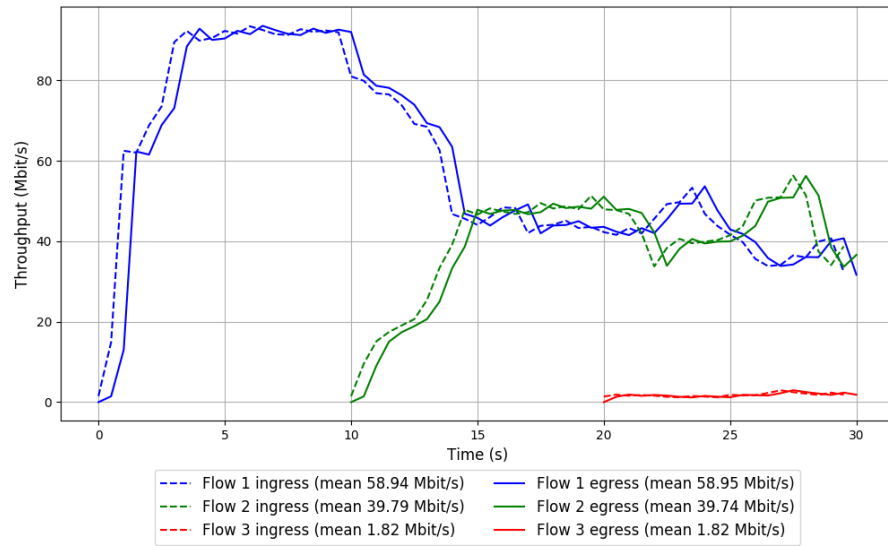


Run 1: Statistics of PCC-Vivace

Start at: 2019-08-27 11:38:37
End at: 2019-08-27 11:39:07
Local clock offset: -0.897 ms
Remote clock offset: -2.939 ms

Below is generated by plot.py at 2019-08-27 14:11:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.97 Mbit/s
95th percentile per-packet one-way delay: 21.889 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 21.642 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 22.062 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 21.841 ms
Loss rate: 0.27%

Run 1: Report of PCC-Vivace — Data Link

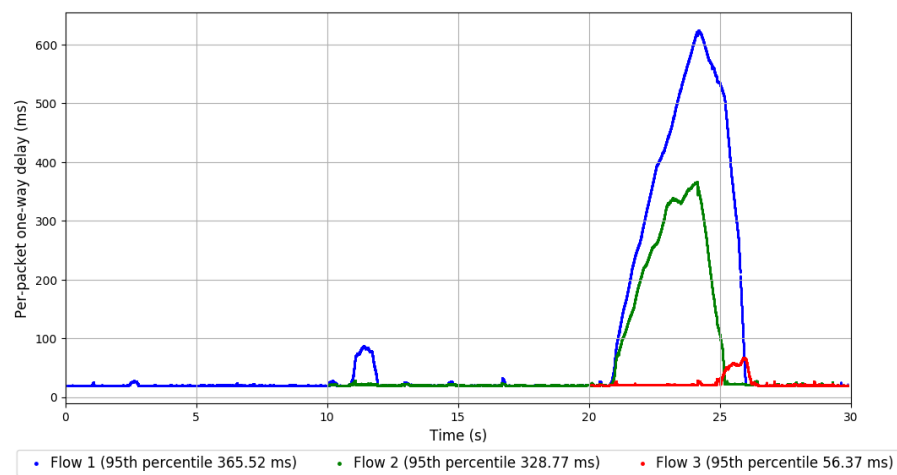
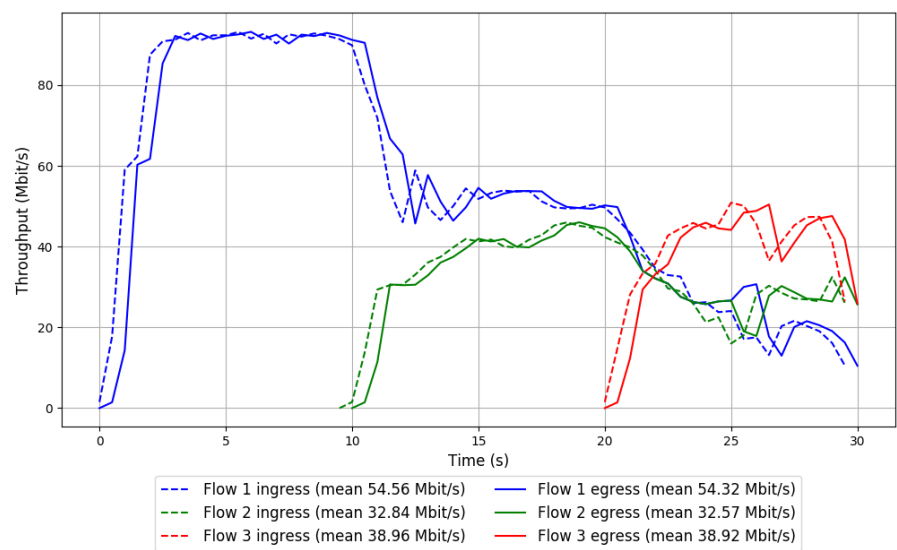


Run 2: Statistics of PCC-Vivace

Start at: 2019-08-27 12:08:03
End at: 2019-08-27 12:08:33
Local clock offset: -0.899 ms
Remote clock offset: -4.297 ms

Below is generated by plot.py at 2019-08-27 14:11:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.82 Mbit/s
95th percentile per-packet one-way delay: 305.987 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 54.32 Mbit/s
95th percentile per-packet one-way delay: 365.524 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 32.57 Mbit/s
95th percentile per-packet one-way delay: 328.772 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 38.92 Mbit/s
95th percentile per-packet one-way delay: 56.370 ms
Loss rate: 0.36%

Run 2: Report of PCC-Vivace — Data Link

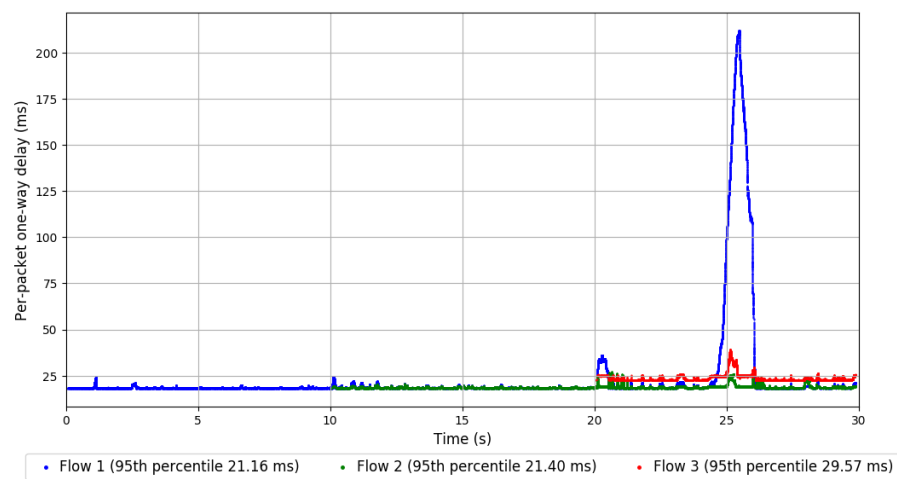
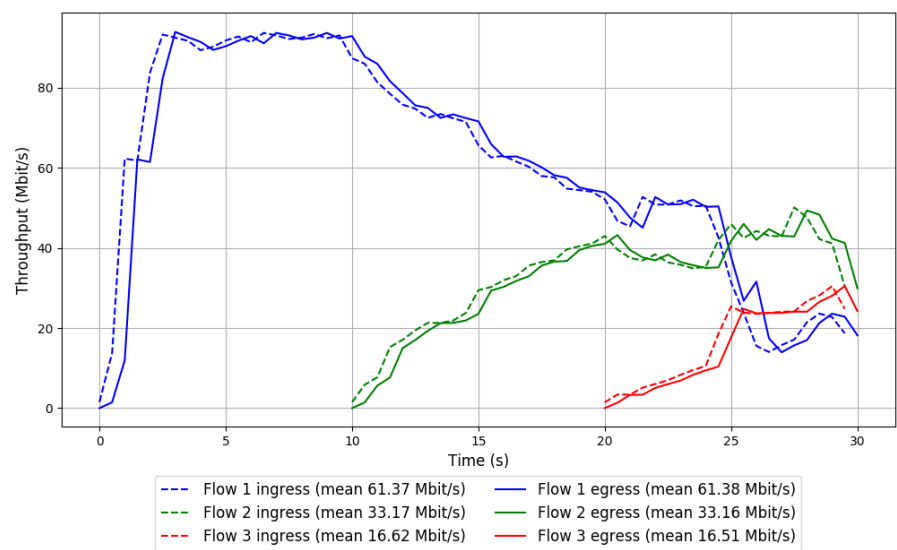


Run 3: Statistics of PCC-Vivace

Start at: 2019-08-27 12:37:30
End at: 2019-08-27 12:38:00
Local clock offset: -0.888 ms
Remote clock offset: -2.281 ms

Below is generated by plot.py at 2019-08-27 14:11:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.87 Mbit/s
95th percentile per-packet one-way delay: 23.675 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 61.38 Mbit/s
95th percentile per-packet one-way delay: 21.162 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 21.403 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 16.51 Mbit/s
95th percentile per-packet one-way delay: 29.573 ms
Loss rate: 0.92%

Run 3: Report of PCC-Vivace — Data Link

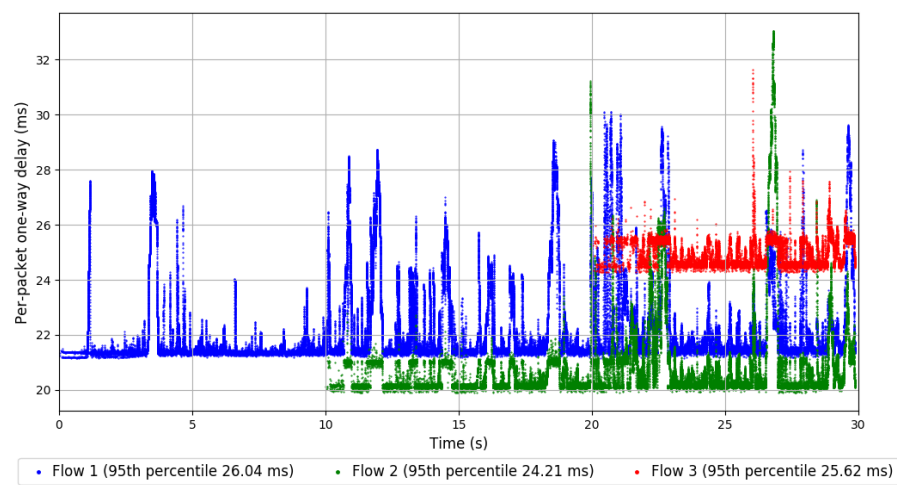
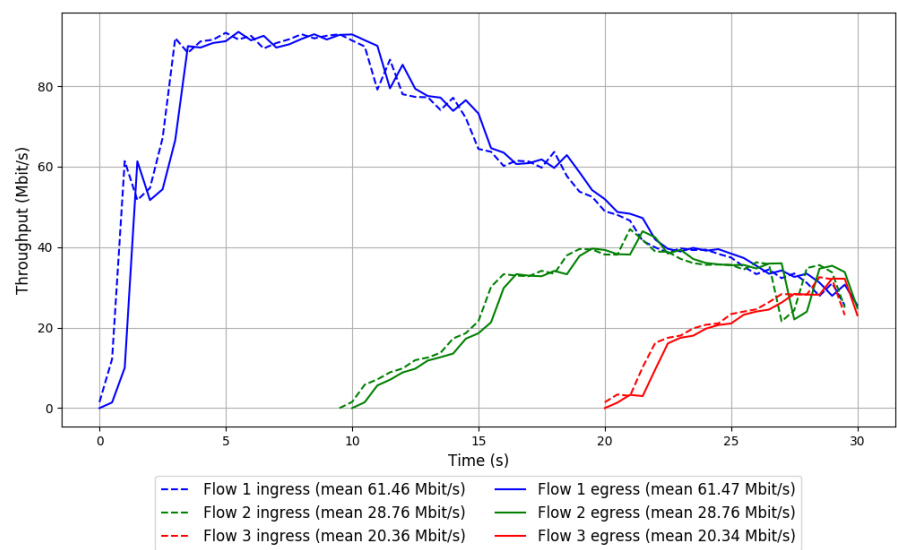


Run 4: Statistics of PCC-Vivace

Start at: 2019-08-27 13:07:28
End at: 2019-08-27 13:07:58
Local clock offset: -1.127 ms
Remote clock offset: -3.955 ms

Below is generated by plot.py at 2019-08-27 14:11:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 25.696 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 61.47 Mbit/s
95th percentile per-packet one-way delay: 26.035 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 28.76 Mbit/s
95th percentile per-packet one-way delay: 24.210 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 20.34 Mbit/s
95th percentile per-packet one-way delay: 25.620 ms
Loss rate: 0.42%

Run 4: Report of PCC-Vivace — Data Link

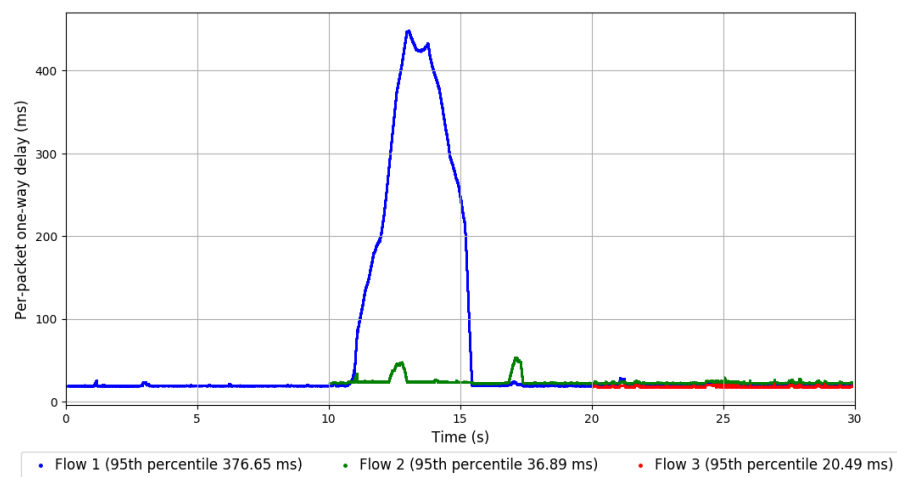
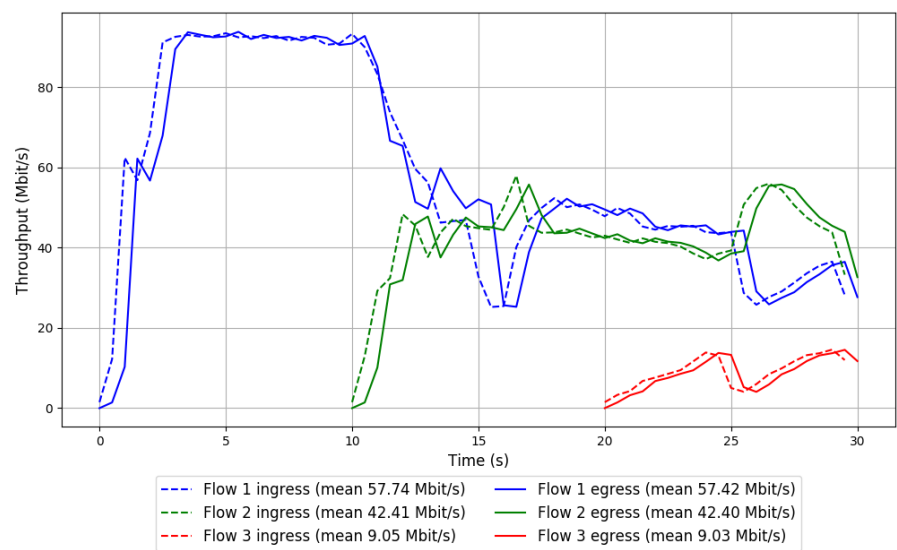


Run 5: Statistics of PCC-Vivace

Start at: 2019-08-27 13:36:33
End at: 2019-08-27 13:37:03
Local clock offset: -0.857 ms
Remote clock offset: -1.465 ms

Below is generated by plot.py at 2019-08-27 14:11:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.59 Mbit/s
95th percentile per-packet one-way delay: 272.701 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 57.42 Mbit/s
95th percentile per-packet one-way delay: 376.655 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 42.40 Mbit/s
95th percentile per-packet one-way delay: 36.887 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 20.488 ms
Loss rate: 0.45%

Run 5: Report of PCC-Vivace — Data Link

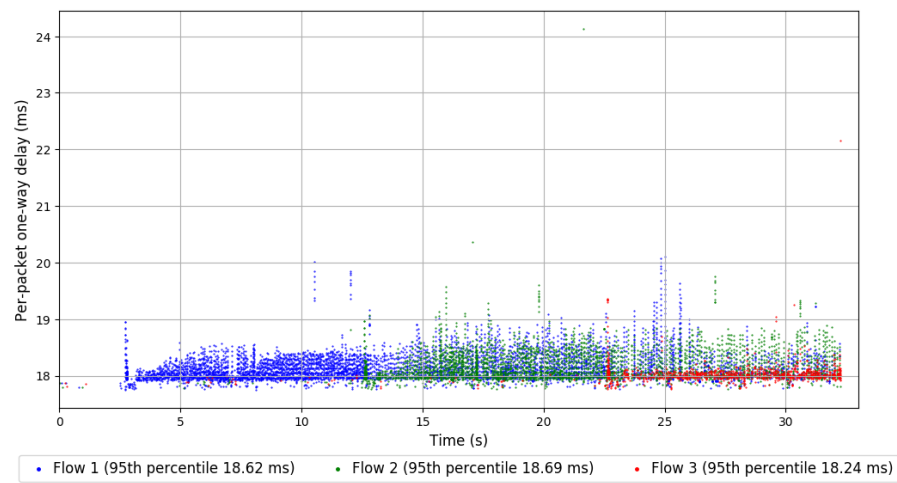
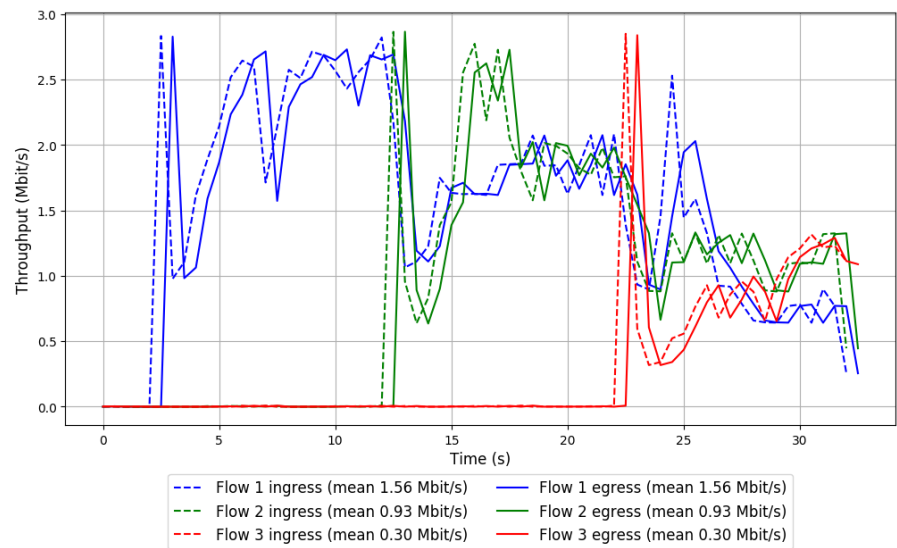


Run 1: Statistics of WebRTC media

Start at: 2019-08-27 11:39:52
End at: 2019-08-27 11:40:22
Local clock offset: -1.181 ms
Remote clock offset: -2.976 ms

Below is generated by plot.py at 2019-08-27 14:11:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.78 Mbit/s
95th percentile per-packet one-way delay: 18.634 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 18.619 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.93 Mbit/s
95th percentile per-packet one-way delay: 18.688 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 18.239 ms
Loss rate: 0.72%

Run 1: Report of WebRTC media — Data Link

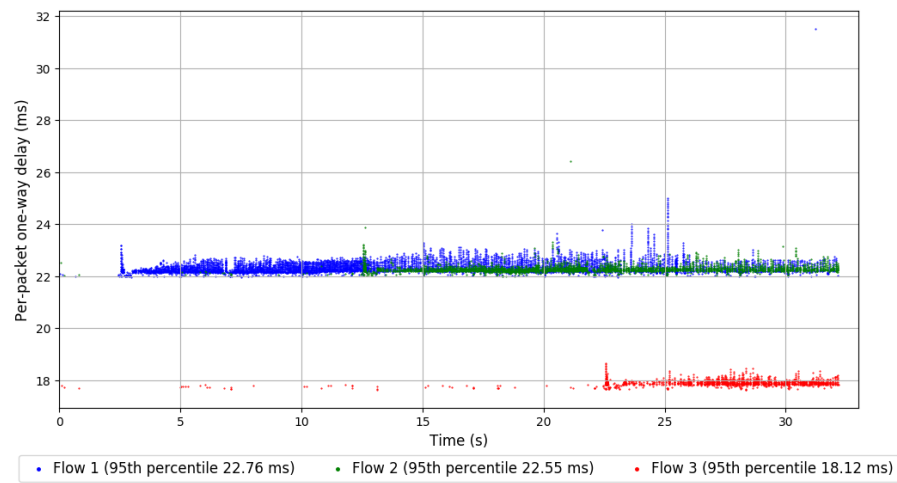
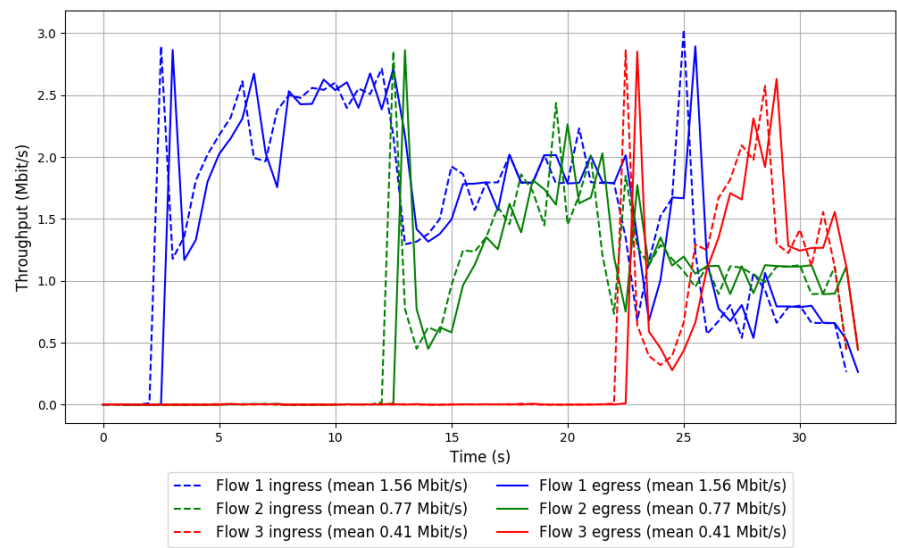


Run 2: Statistics of WebRTC media

Start at: 2019-08-27 12:09:16
End at: 2019-08-27 12:09:46
Local clock offset: -0.332 ms
Remote clock offset: -1.514 ms

Below is generated by plot.py at 2019-08-27 14:11:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.74 Mbit/s
95th percentile per-packet one-way delay: 22.694 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 22.764 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 22.552 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 18.125 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

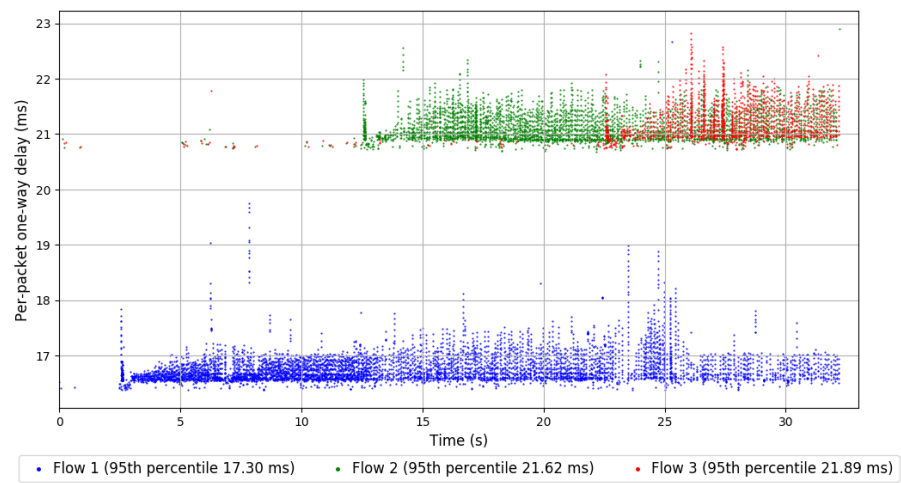
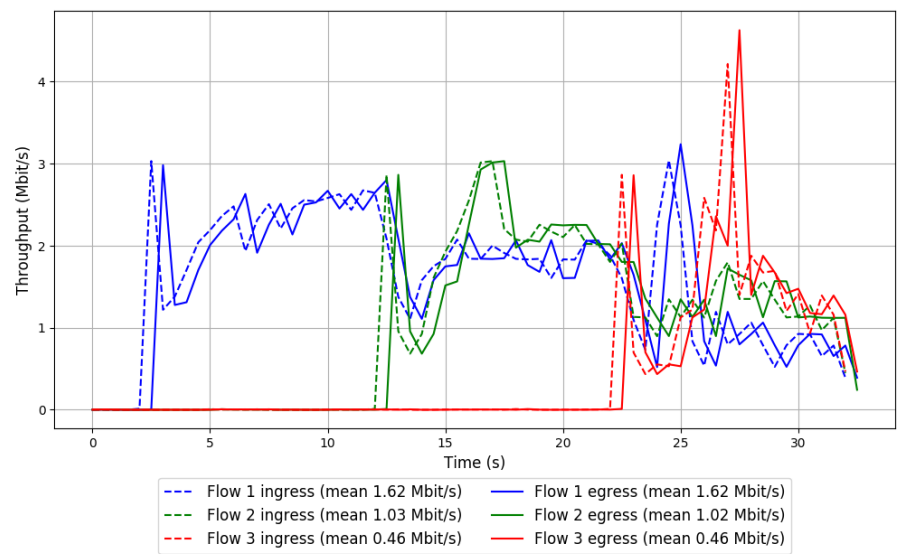


Run 3: Statistics of WebRTC media

Start at: 2019-08-27 12:38:44
End at: 2019-08-27 12:39:14
Local clock offset: -0.656 ms
Remote clock offset: -0.363 ms

Below is generated by plot.py at 2019-08-27 14:11:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 21.557 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 17.302 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 21.619 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 21.887 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

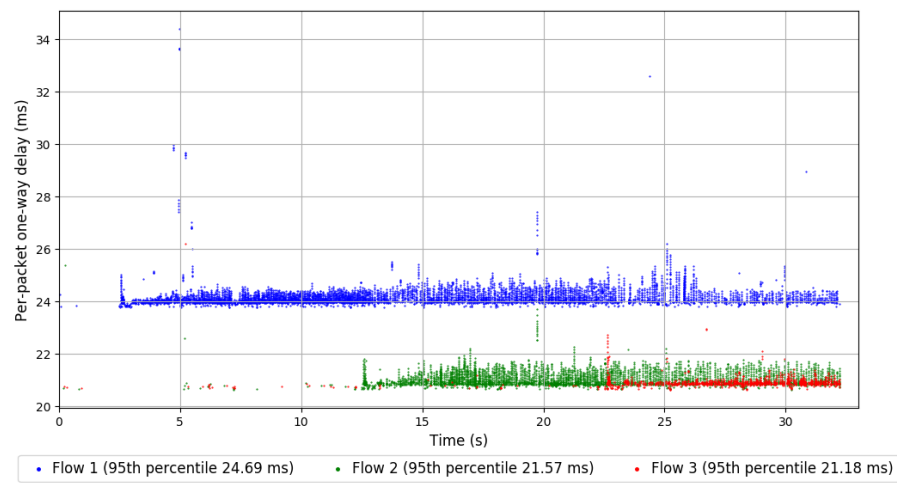
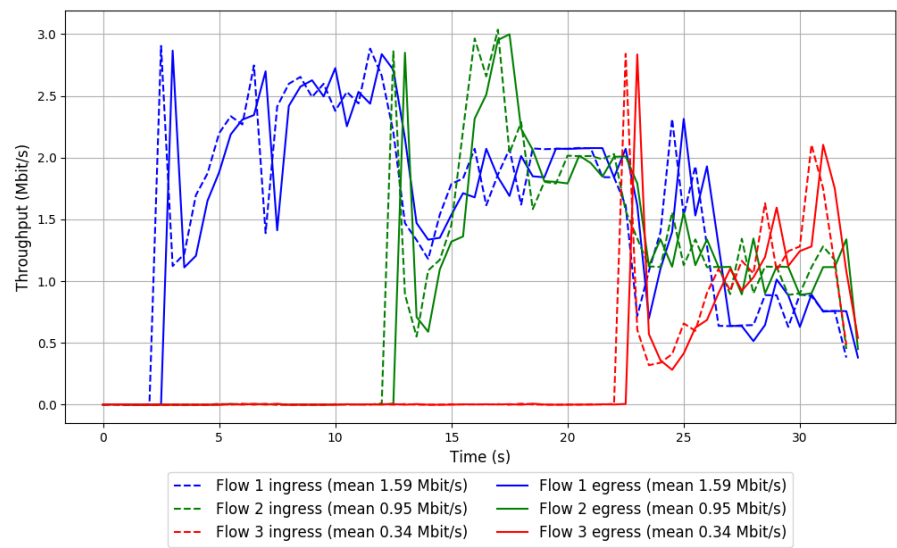


Run 4: Statistics of WebRTC media

Start at: 2019-08-27 13:08:47
End at: 2019-08-27 13:09:17
Local clock offset: -0.911 ms
Remote clock offset: -3.205 ms

Below is generated by plot.py at 2019-08-27 14:11:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.88 Mbit/s
95th percentile per-packet one-way delay: 24.512 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 24.689 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 21.572 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 21.183 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-08-27 13:37:48
End at: 2019-08-27 13:38:18
Local clock offset: -0.204 ms
Remote clock offset: -3.469 ms

Below is generated by plot.py at 2019-08-27 14:11:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.89 Mbit/s
95th percentile per-packet one-way delay: 24.861 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 1.61 Mbit/s
95th percentile per-packet one-way delay: 22.325 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.93 Mbit/s
95th percentile per-packet one-way delay: 22.435 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 25.090 ms
Loss rate: 1.05%

Run 5: Report of WebRTC media — Data Link

