

Pantheon Report

Generated at 2019-11-24 10:00:02 (UTC).

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

Repeated the test of 24 congestion control schemes 5 times.

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

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

System info:

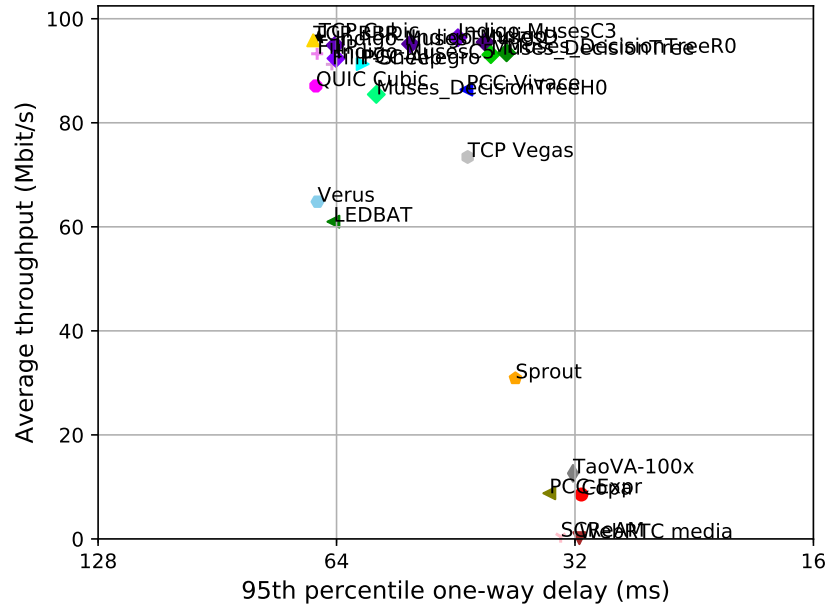
```
Linux 4.15.0-1051-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

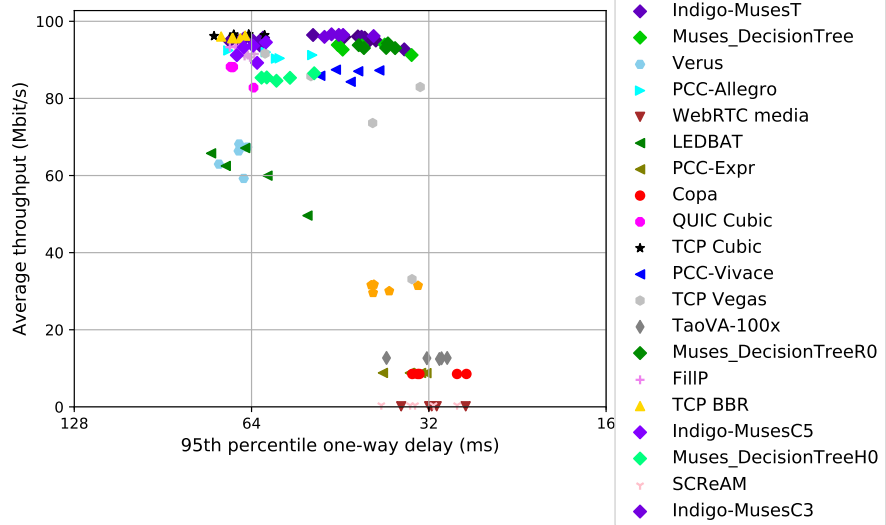
```
branch: muses @ de42328552b3776a75a932a94dfafd722537b0ec
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/muses_dtree @ 387225f7b5f61ddbe92d708a8869ffbb84eb3200
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
```

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

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



test from AWS India 1 to India, 5 runs of 30s each per scheme
 3 flows with 10s interval between flows



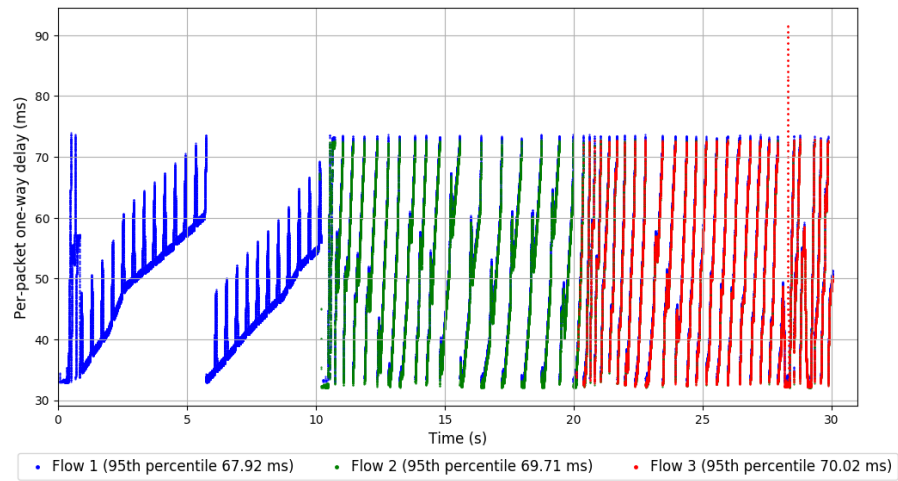
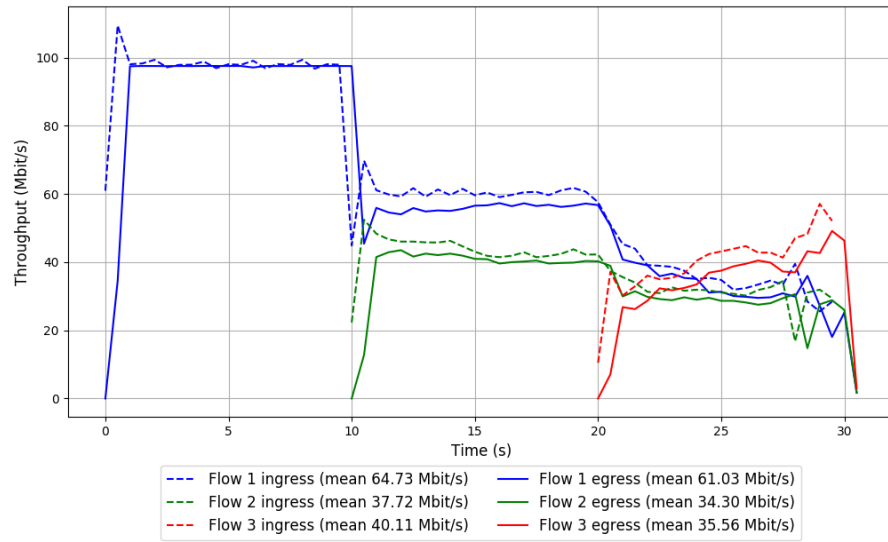
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	54.40	46.83	31.37	66.47	69.60	70.27	5.57	9.66	10.31
Copa	5	0.00	10.31	5.02	30.47	33.28	30.81	98.30	73.01	77.32
TCP Cubic	5	66.60	30.85	27.79	67.29	67.48	63.96	0.59	0.53	0.46
FillP	5	57.17	40.12	28.60	65.87	68.89	68.61	29.79	47.55	57.57
FillP-Sheep	5	57.25	36.22	29.84	63.75	65.62	66.30	7.33	13.95	18.26
Indigo	5	62.89	33.38	32.02	40.80	41.77	43.63	0.01	0.01	0.02
Indigo-MusesC3	5	53.53	48.00	39.32	43.09	45.00	49.70	0.08	0.04	0.21
Indigo-MusesC5	5	56.67	48.37	15.00	59.23	65.42	67.64	7.08	13.40	25.53
Indigo-MusesD	5	59.59	45.98	19.63	43.87	52.40	54.88	2.95	5.75	7.62
Indigo-MusesT	5	56.87	48.61	22.10	59.81	66.03	68.13	3.31	9.98	20.80
LEDBAT	5	37.27	26.61	18.13	62.80	65.30	66.77	0.14	0.14	0.28
Muses_DecisionTree	5	54.24	39.46	39.09	39.27	43.92	42.67	0.04	0.21	0.03
Muses_DecisionTreeH0	5	54.03	40.49	14.50	55.12	58.98	59.15	2.43	3.85	4.73
Muses_DecisionTreeR0	5	53.26	37.14	48.04	37.17	39.95	41.39	0.02	0.04	0.26
PCC-Allegro	5	81.96	9.32	9.50	58.44	62.66	62.36	2.16	2.54	4.15
PCC-Expr	5	0.04	10.55	5.31	33.82	34.34	34.26	85.71	55.92	42.95
QUIC Cubic	5	62.81	28.65	16.09	68.04	66.81	67.42	2.15	1.29	1.22
SCReAM	5	0.22	0.22	0.22	33.24	33.18	32.72	0.00	0.00	0.00
Sprout	5	15.67	15.33	15.15	37.66	37.90	38.04	0.08	0.14	0.09
TaoVA-100x	5	6.04	9.94	1.75	33.43	31.78	31.60	87.83	90.08	86.14
TCP Vegas	5	37.15	39.11	30.74	44.42	43.83	40.74	1.57	0.17	0.14
Verus	5	39.97	25.90	25.38	64.87	70.71	67.46	26.12	48.67	36.14
PCC-Vivace	5	59.98	31.89	15.73	43.35	43.74	41.65	0.01	0.01	0.01
WebRTC media	5	0.05	0.05	0.06	31.49	31.05	31.46	0.00	0.01	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-11-24 07:33:34
End at: 2019-11-24 07:34:04
Local clock offset: 5.735 ms
Remote clock offset: -2.422 ms

Below is generated by plot.py at 2019-11-24 09:47:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 68.869 ms
Loss rate: 7.21%
-- Flow 1:
Average throughput: 61.03 Mbit/s
95th percentile per-packet one-way delay: 67.925 ms
Loss rate: 5.65%
-- Flow 2:
Average throughput: 34.30 Mbit/s
95th percentile per-packet one-way delay: 69.713 ms
Loss rate: 9.10%
-- Flow 3:
Average throughput: 35.56 Mbit/s
95th percentile per-packet one-way delay: 70.021 ms
Loss rate: 11.20%

Run 1: Report of TCP BBR — Data Link

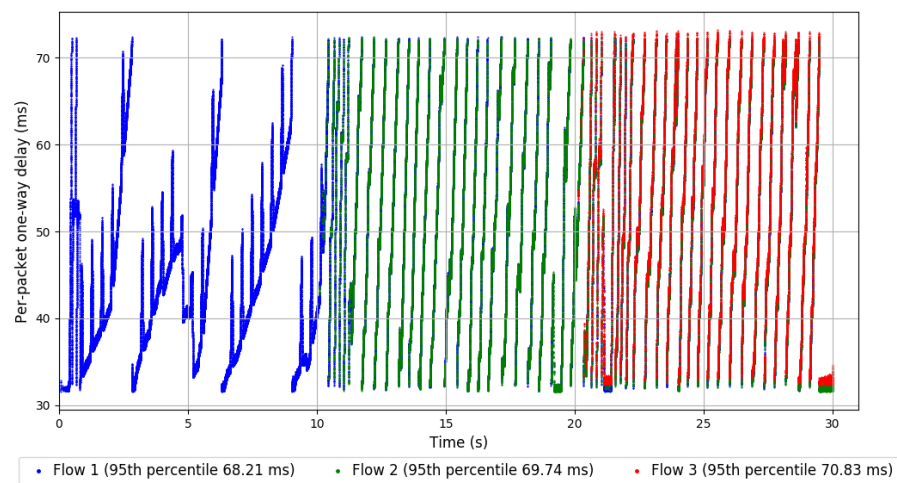
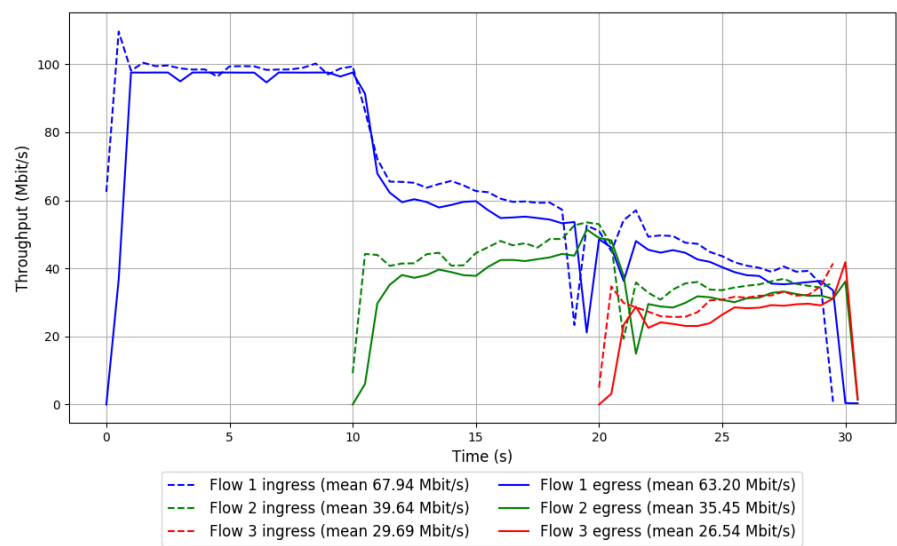


Run 2: Statistics of TCP BBR

Start at: 2019-11-24 08:04:03
End at: 2019-11-24 08:04:33
Local clock offset: 3.352 ms
Remote clock offset: -5.435 ms

Below is generated by plot.py at 2019-11-24 09:47:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 69.034 ms
Loss rate: 8.24%
-- Flow 1:
Average throughput: 63.20 Mbit/s
95th percentile per-packet one-way delay: 68.208 ms
Loss rate: 6.96%
-- Flow 2:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: 69.737 ms
Loss rate: 10.60%
-- Flow 3:
Average throughput: 26.54 Mbit/s
95th percentile per-packet one-way delay: 70.826 ms
Loss rate: 10.74%

Run 2: Report of TCP BBR — Data Link

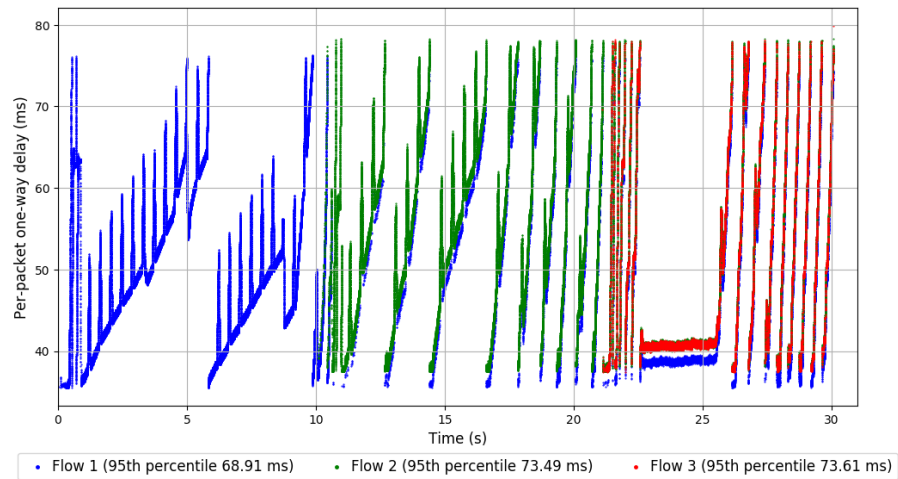
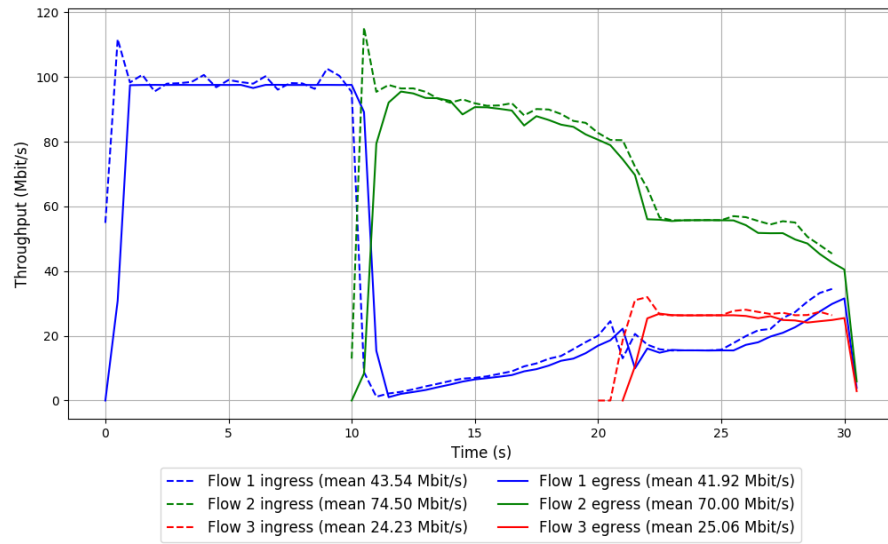


Run 3: Statistics of TCP BBR

Start at: 2019-11-24 08:35:02
End at: 2019-11-24 08:35:32
Local clock offset: 1.384 ms
Remote clock offset: -3.975 ms

Below is generated by plot.py at 2019-11-24 09:47:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 72.074 ms
Loss rate: 4.99%
-- Flow 1:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 68.908 ms
Loss rate: 3.62%
-- Flow 2:
Average throughput: 70.00 Mbit/s
95th percentile per-packet one-way delay: 73.488 ms
Loss rate: 5.88%
-- Flow 3:
Average throughput: 25.06 Mbit/s
95th percentile per-packet one-way delay: 73.612 ms
Loss rate: 6.90%

Run 3: Report of TCP BBR — Data Link

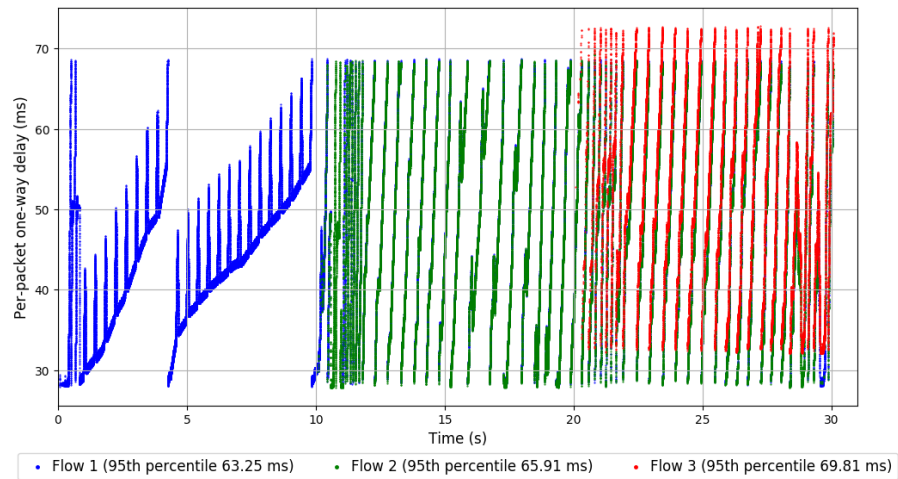
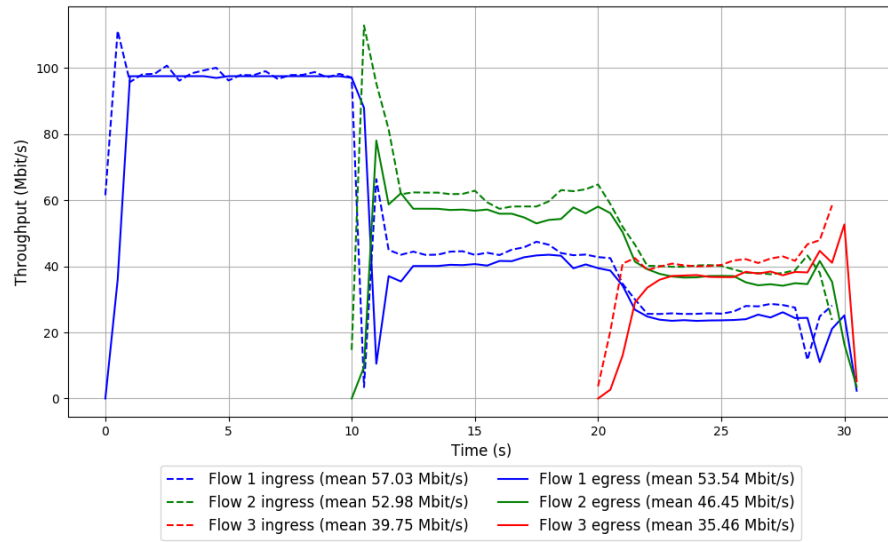


Run 4: Statistics of TCP BBR

Start at: 2019-11-24 09:04:42
End at: 2019-11-24 09:05:12
Local clock offset: 5.779 ms
Remote clock offset: -5.178 ms

Below is generated by plot.py at 2019-11-24 09:47:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 65.606 ms
Loss rate: 8.65%
-- Flow 1:
Average throughput: 53.54 Mbit/s
95th percentile per-packet one-way delay: 63.252 ms
Loss rate: 6.01%
-- Flow 2:
Average throughput: 46.45 Mbit/s
95th percentile per-packet one-way delay: 65.907 ms
Loss rate: 12.17%
-- Flow 3:
Average throughput: 35.46 Mbit/s
95th percentile per-packet one-way delay: 69.814 ms
Loss rate: 10.66%

Run 4: Report of TCP BBR — Data Link

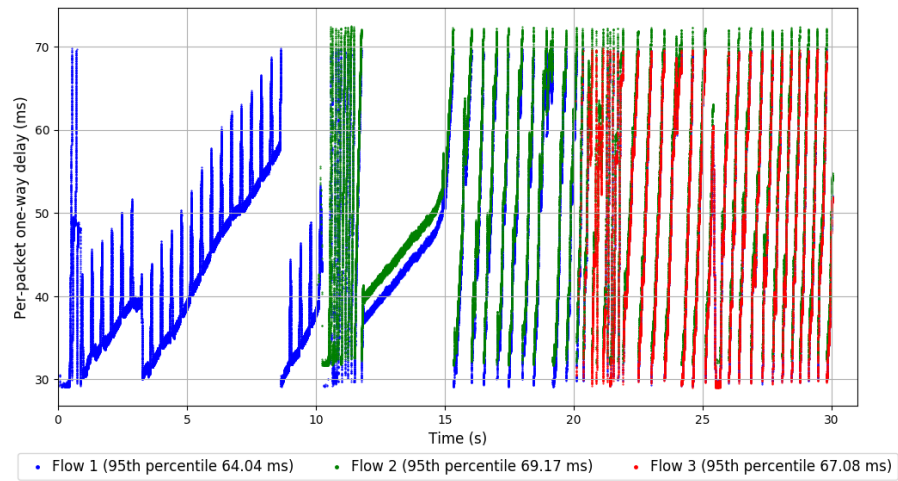
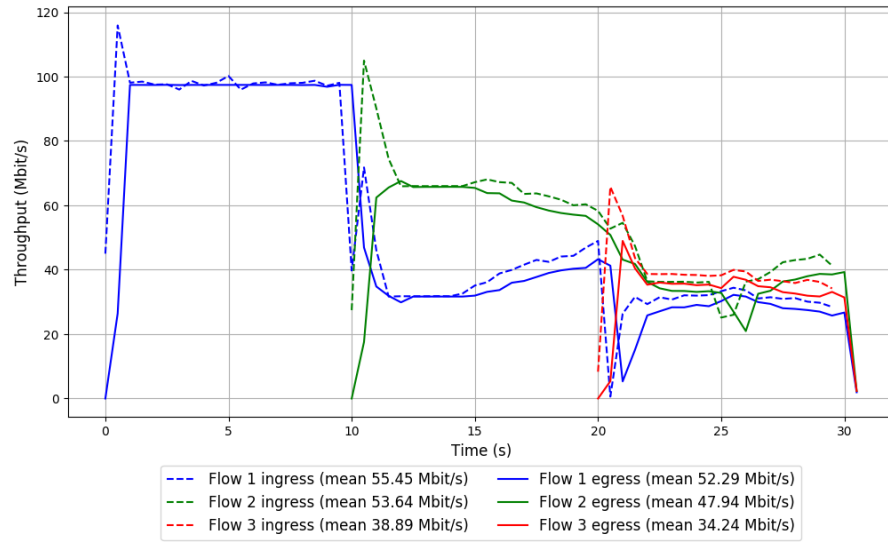


Run 5: Statistics of TCP BBR

Start at: 2019-11-24 09:33:55
End at: 2019-11-24 09:34:25
Local clock offset: 6.444 ms
Remote clock offset: -1.681 ms

Below is generated by plot.py at 2019-11-24 09:47:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 66.881 ms
Loss rate: 8.12%
-- Flow 1:
Average throughput: 52.29 Mbit/s
95th percentile per-packet one-way delay: 64.038 ms
Loss rate: 5.62%
-- Flow 2:
Average throughput: 47.94 Mbit/s
95th percentile per-packet one-way delay: 69.165 ms
Loss rate: 10.57%
-- Flow 3:
Average throughput: 34.24 Mbit/s
95th percentile per-packet one-way delay: 67.080 ms
Loss rate: 12.04%

Run 5: Report of TCP BBR — Data Link

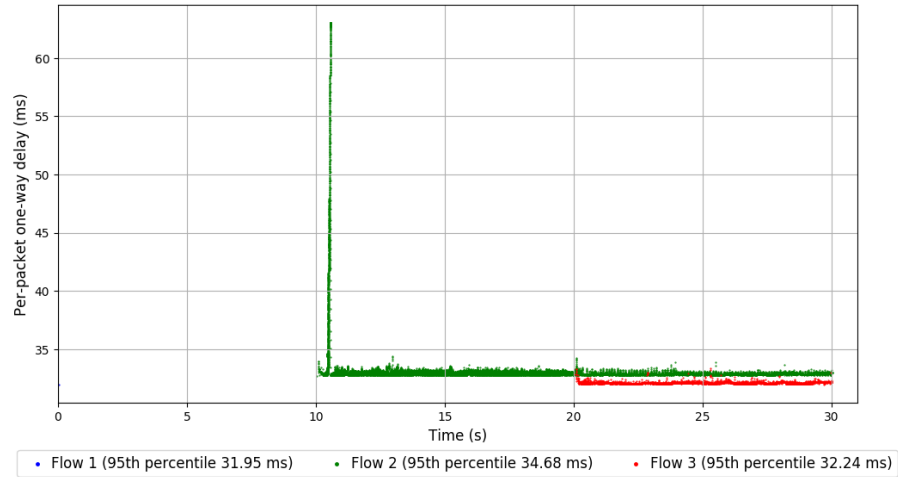
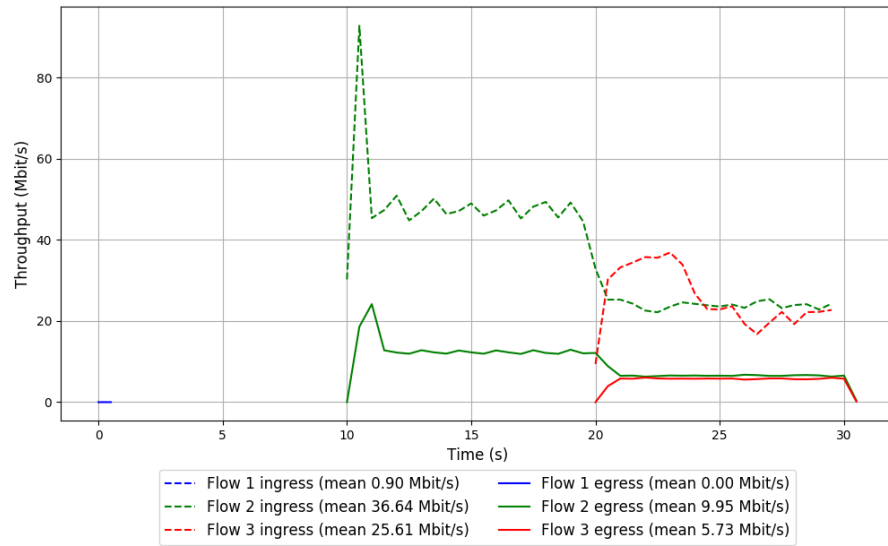


Run 1: Statistics of Copa

Start at: 2019-11-24 07:17:55
End at: 2019-11-24 07:18:25
Local clock offset: 1.92 ms
Remote clock offset: -5.874 ms

Below is generated by plot.py at 2019-11-24 09:47:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.54 Mbit/s
95th percentile per-packet one-way delay: 33.430 ms
Loss rate: 74.07%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 31.947 ms
Loss rate: 97.92%
-- Flow 2:
Average throughput: 9.95 Mbit/s
95th percentile per-packet one-way delay: 34.676 ms
Loss rate: 72.84%
-- Flow 3:
Average throughput: 5.73 Mbit/s
95th percentile per-packet one-way delay: 32.245 ms
Loss rate: 77.61%

Run 1: Report of Copa — Data Link

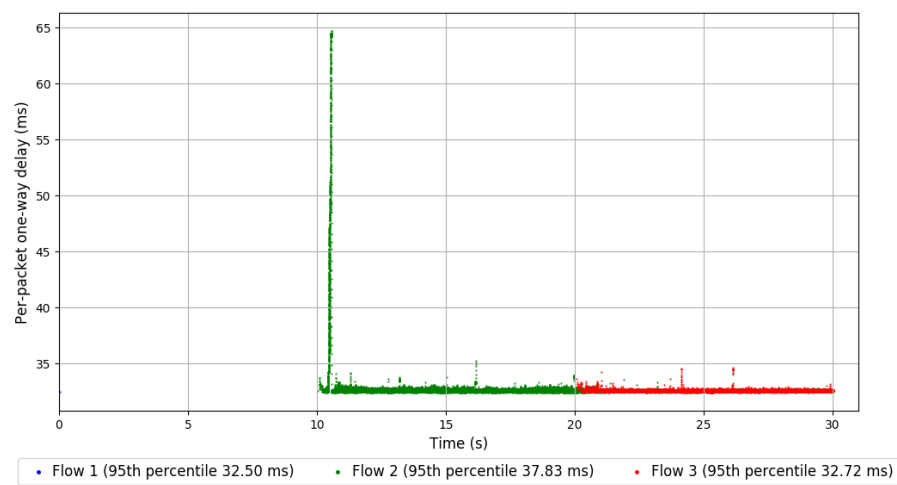
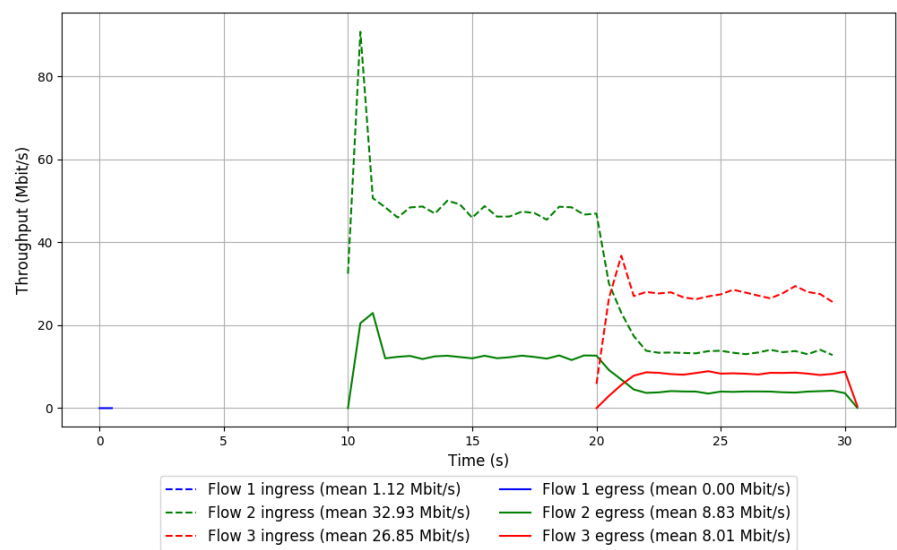


Run 2: Statistics of Copa

Start at: 2019-11-24 07:47:07
End at: 2019-11-24 07:47:37
Local clock offset: 1.817 ms
Remote clock offset: -5.952 ms

Below is generated by plot.py at 2019-11-24 09:47:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.54 Mbit/s
95th percentile per-packet one-way delay: 33.200 ms
Loss rate: 72.32%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 32.498 ms
Loss rate: 98.33%
-- Flow 2:
Average throughput: 8.83 Mbit/s
95th percentile per-packet one-way delay: 37.832 ms
Loss rate: 73.19%
-- Flow 3:
Average throughput: 8.01 Mbit/s
95th percentile per-packet one-way delay: 32.724 ms
Loss rate: 70.17%

Run 2: Report of Copa — Data Link

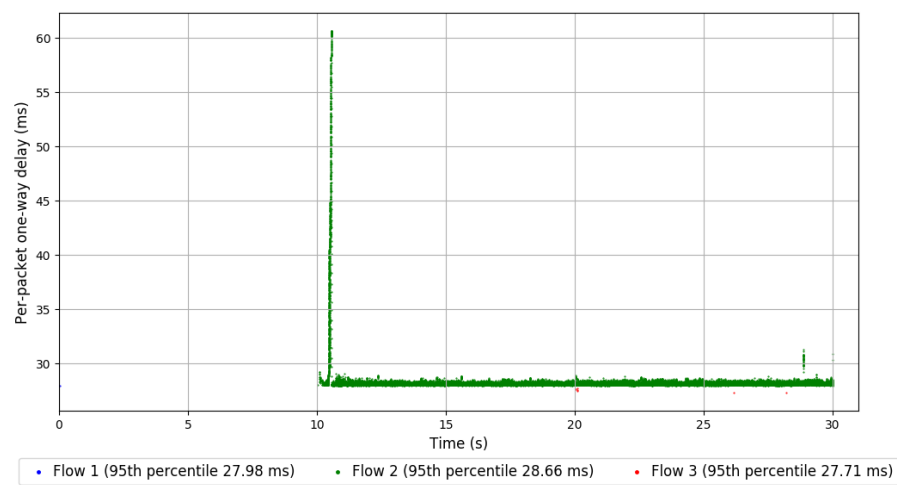
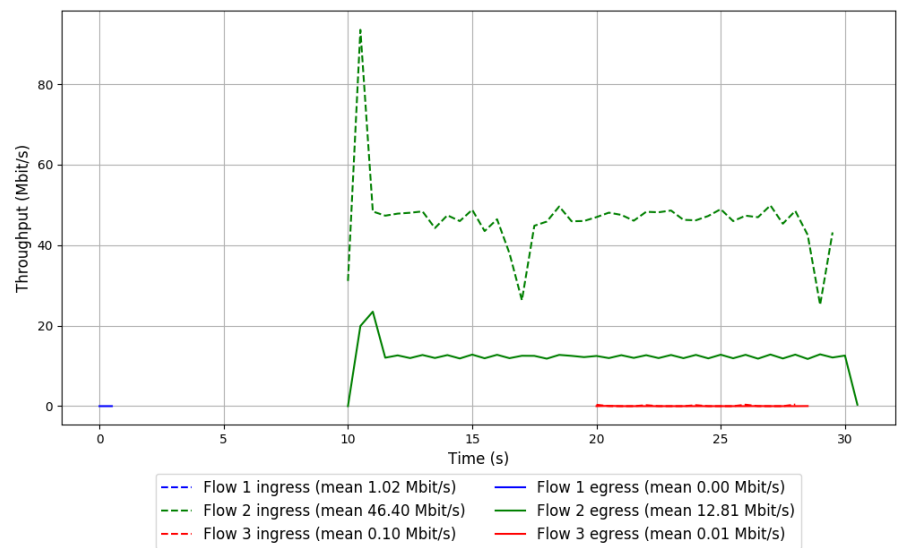


Run 3: Statistics of Copa

Start at: 2019-11-24 08:18:31
End at: 2019-11-24 08:19:01
Local clock offset: 7.252 ms
Remote clock offset: -5.789 ms

Below is generated by plot.py at 2019-11-24 09:47:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.54 Mbit/s
95th percentile per-packet one-way delay: 28.658 ms
Loss rate: 72.41%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 27.978 ms
Loss rate: 98.33%
-- Flow 2:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 28.659 ms
Loss rate: 72.39%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 27.714 ms
Loss rate: 92.31%

Run 3: Report of Copa — Data Link

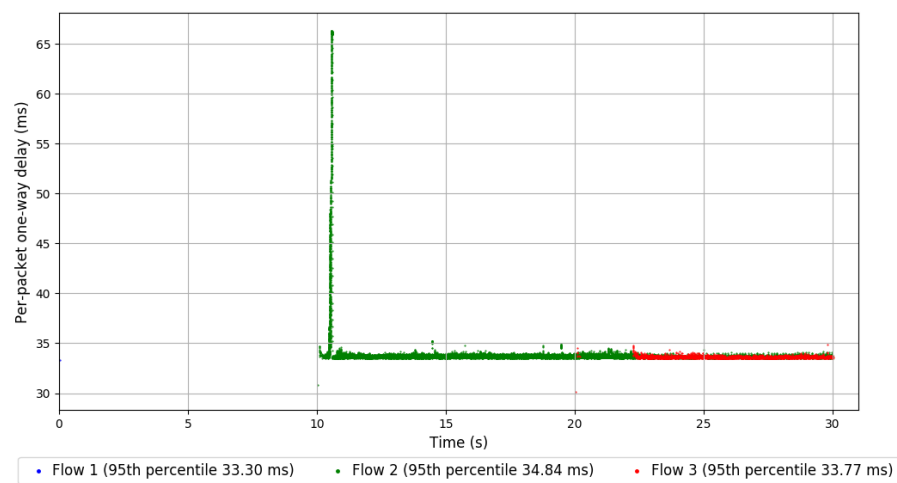
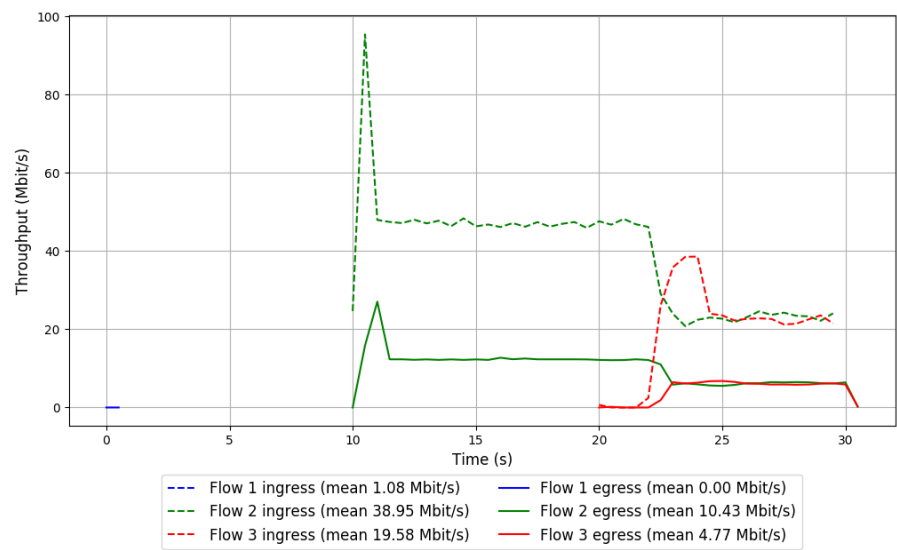


Run 4: Statistics of Copa

Start at: 2019-11-24 08:48:47
End at: 2019-11-24 08:49:17
Local clock offset: 6.083 ms
Remote clock offset: -3.857 ms

Below is generated by plot.py at 2019-11-24 09:47:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 34.143 ms
Loss rate: 73.70%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.300 ms
Loss rate: 98.33%
-- Flow 2:
Average throughput: 10.43 Mbit/s
95th percentile per-packet one-way delay: 34.835 ms
Loss rate: 73.22%
-- Flow 3:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: 33.768 ms
Loss rate: 75.63%

Run 4: Report of Copa — Data Link

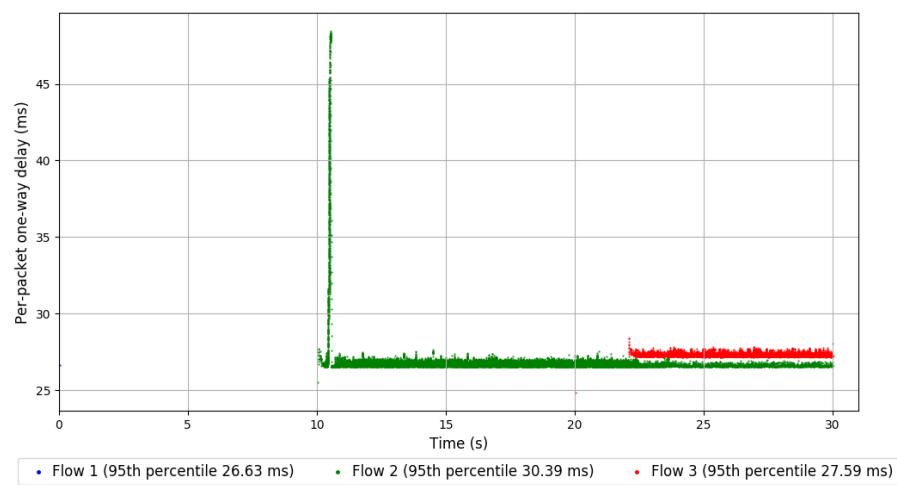
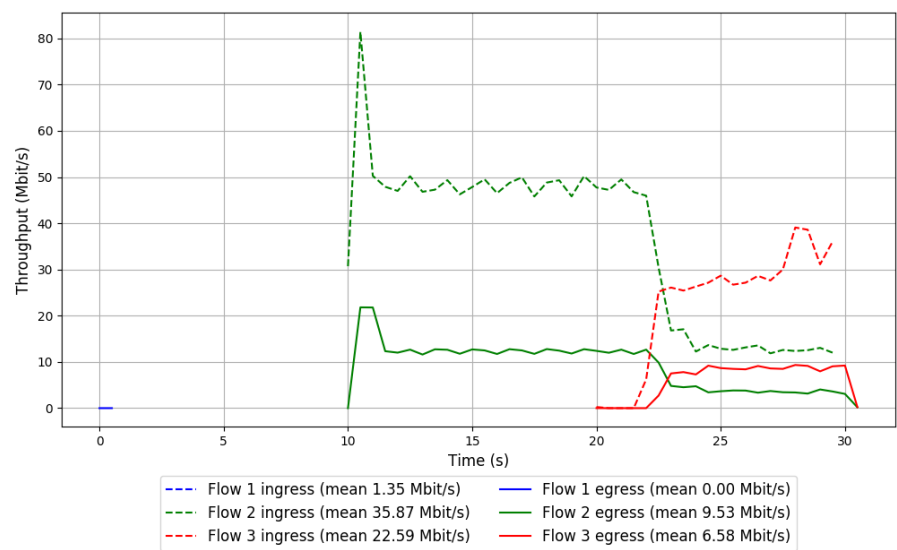


Run 5: Statistics of Copa

Start at: 2019-11-24 09:18:02
End at: 2019-11-24 09:18:32
Local clock offset: 6.581 ms
Remote clock offset: -6.433 ms

Below is generated by plot.py at 2019-11-24 09:47:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.54 Mbit/s
95th percentile per-packet one-way delay: 27.625 ms
Loss rate: 72.81%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 26.630 ms
Loss rate: 98.60%
-- Flow 2:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 30.395 ms
Loss rate: 73.42%
-- Flow 3:
Average throughput: 6.58 Mbit/s
95th percentile per-packet one-way delay: 27.587 ms
Loss rate: 70.86%

Run 5: Report of Copa — Data Link

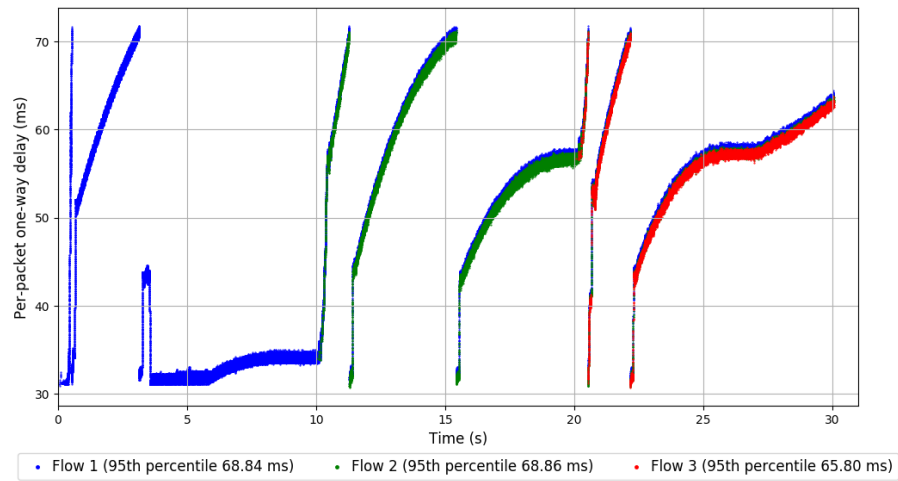
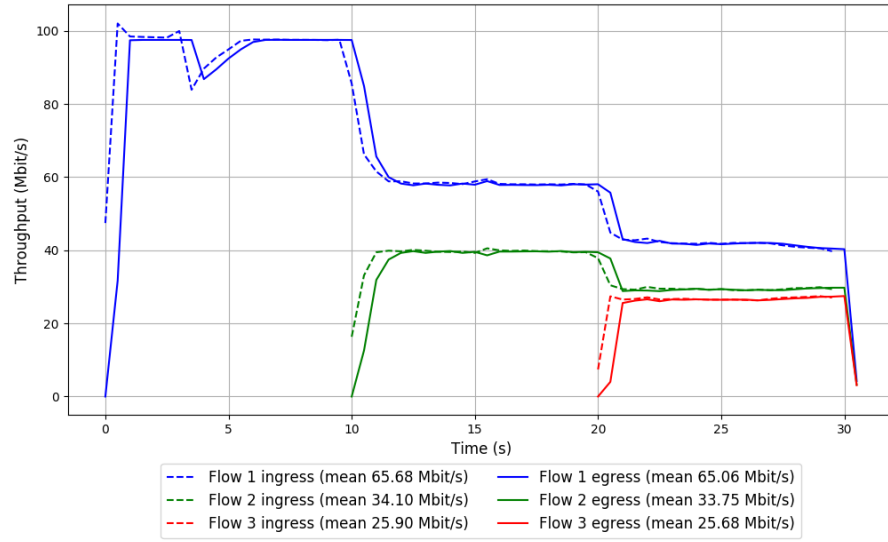


Run 1: Statistics of TCP Cubic

Start at: 2019-11-24 07:21:39
End at: 2019-11-24 07:22:09
Local clock offset: 5.676 ms
Remote clock offset: -4.442 ms

Below is generated by plot.py at 2019-11-24 09:47:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 68.758 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 65.06 Mbit/s
95th percentile per-packet one-way delay: 68.838 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 33.75 Mbit/s
95th percentile per-packet one-way delay: 68.855 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 25.68 Mbit/s
95th percentile per-packet one-way delay: 65.799 ms
Loss rate: 0.80%

Run 1: Report of TCP Cubic — Data Link

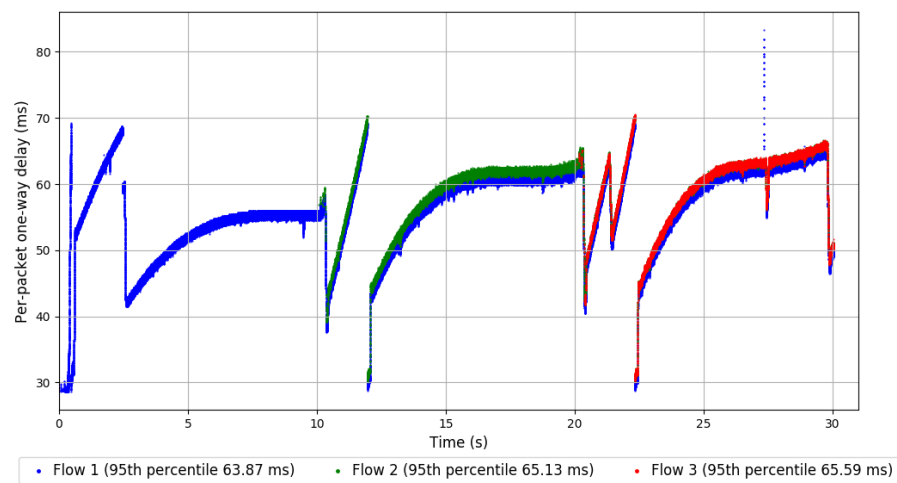
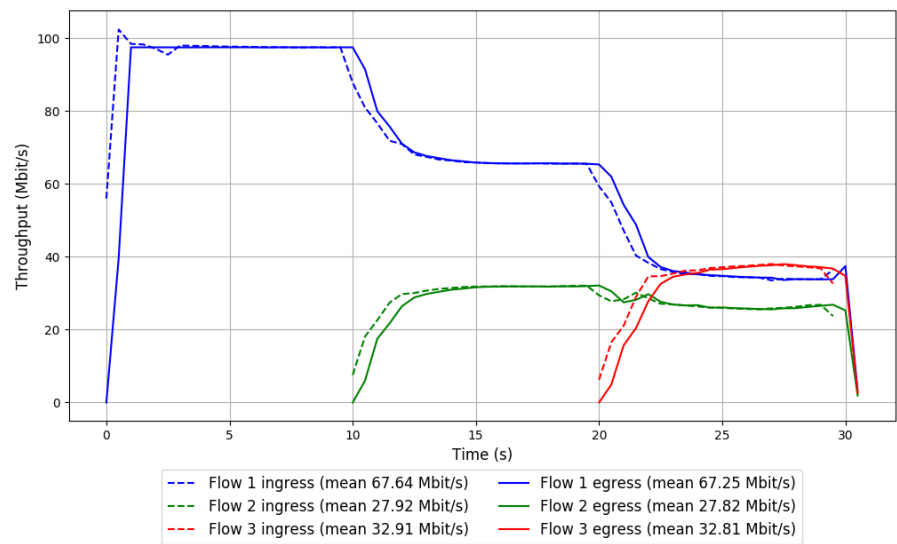


Run 2: Statistics of TCP Cubic

Start at: 2019-11-24 07:51:03
End at: 2019-11-24 07:51:33
Local clock offset: 7.107 ms
Remote clock offset: -4.451 ms

Below is generated by plot.py at 2019-11-24 09:47:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 64.721 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 67.25 Mbit/s
95th percentile per-packet one-way delay: 63.873 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 27.82 Mbit/s
95th percentile per-packet one-way delay: 65.130 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 32.81 Mbit/s
95th percentile per-packet one-way delay: 65.589 ms
Loss rate: 0.43%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-11-24 08:22:27

End at: 2019-11-24 08:22:57

Local clock offset: 3.341 ms

Remote clock offset: -2.7 ms

Below is generated by plot.py at 2019-11-24 09:47:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.58 Mbit/s

95th percentile per-packet one-way delay: 68.609 ms

Loss rate: 0.60%

-- Flow 1:

Average throughput: 73.06 Mbit/s

95th percentile per-packet one-way delay: 69.350 ms

Loss rate: 0.66%

-- Flow 2:

Average throughput: 23.67 Mbit/s

95th percentile per-packet one-way delay: 67.196 ms

Loss rate: 0.49%

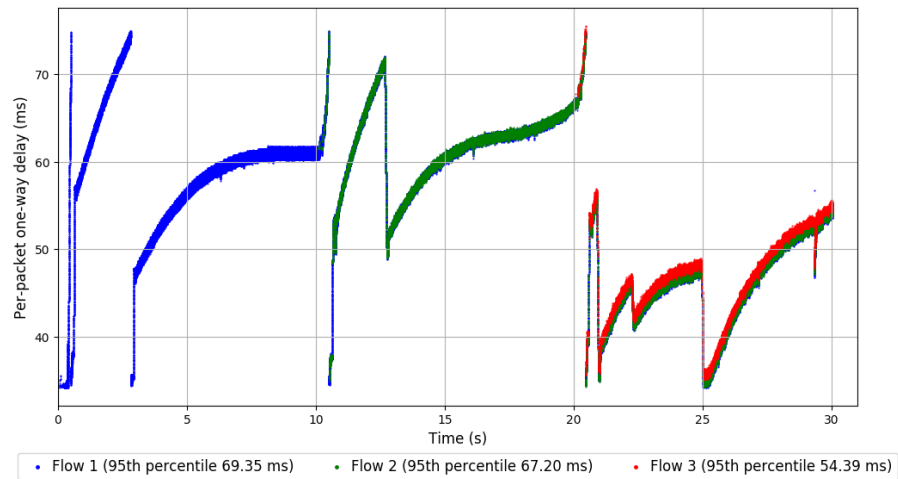
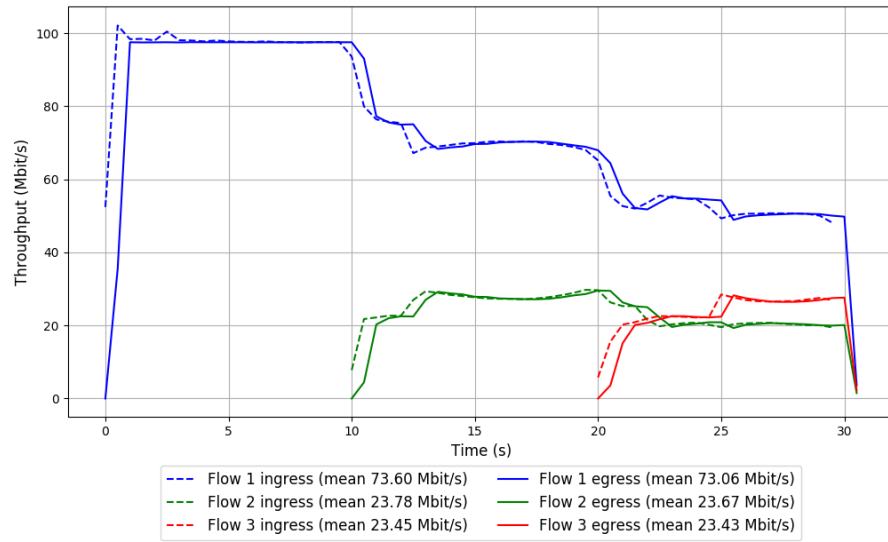
-- Flow 3:

Average throughput: 23.43 Mbit/s

95th percentile per-packet one-way delay: 54.394 ms

Loss rate: 0.23%

Run 3: Report of TCP Cubic — Data Link

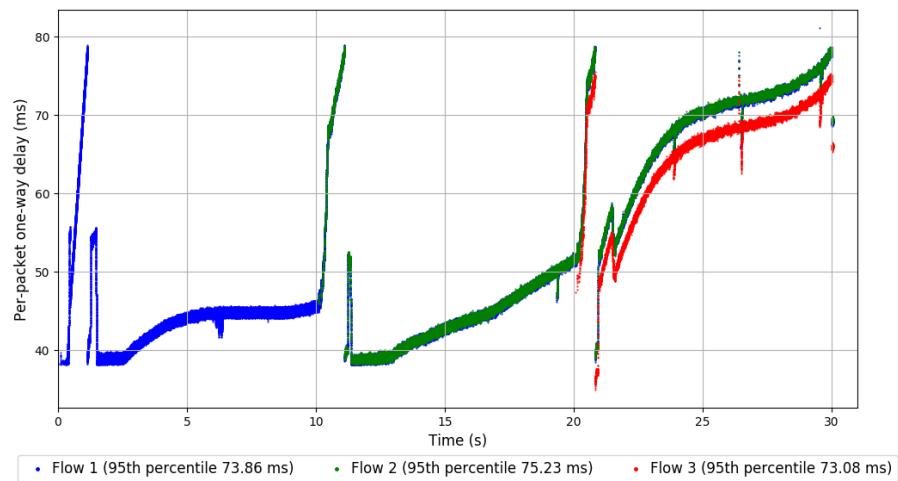
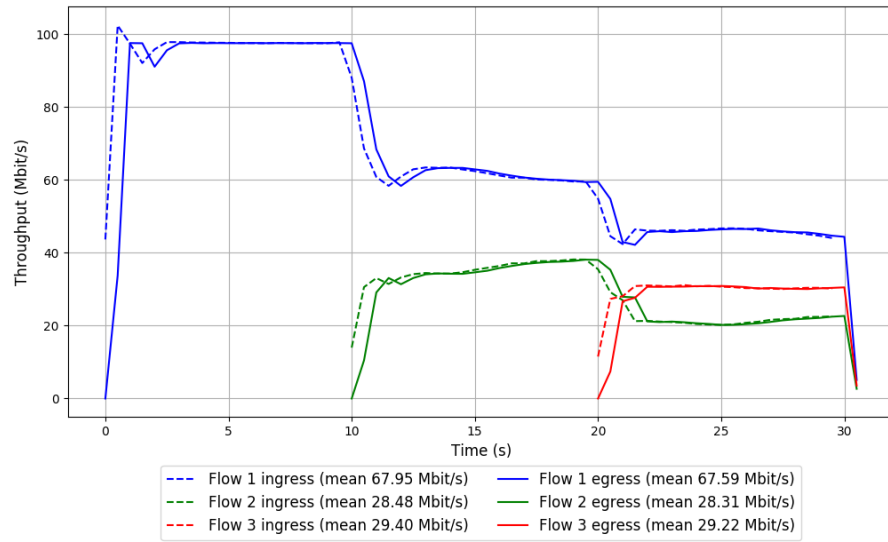


Run 4: Statistics of TCP Cubic

Start at: 2019-11-24 08:52:24
End at: 2019-11-24 08:52:54
Local clock offset: 2.182 ms
Remote clock offset: -2.976 ms

Below is generated by plot.py at 2019-11-24 09:48:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 74.107 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 67.59 Mbit/s
95th percentile per-packet one-way delay: 73.859 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 28.31 Mbit/s
95th percentile per-packet one-way delay: 75.230 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 29.22 Mbit/s
95th percentile per-packet one-way delay: 73.081 ms
Loss rate: 0.45%

Run 4: Report of TCP Cubic — Data Link

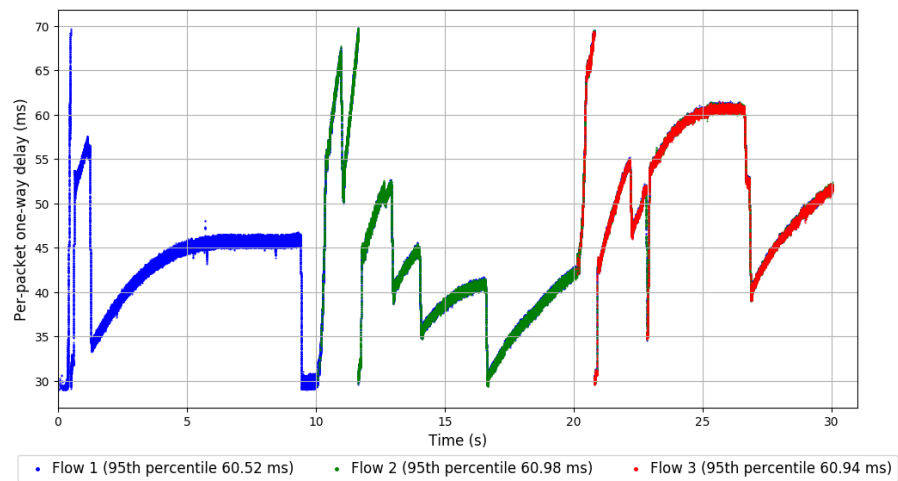
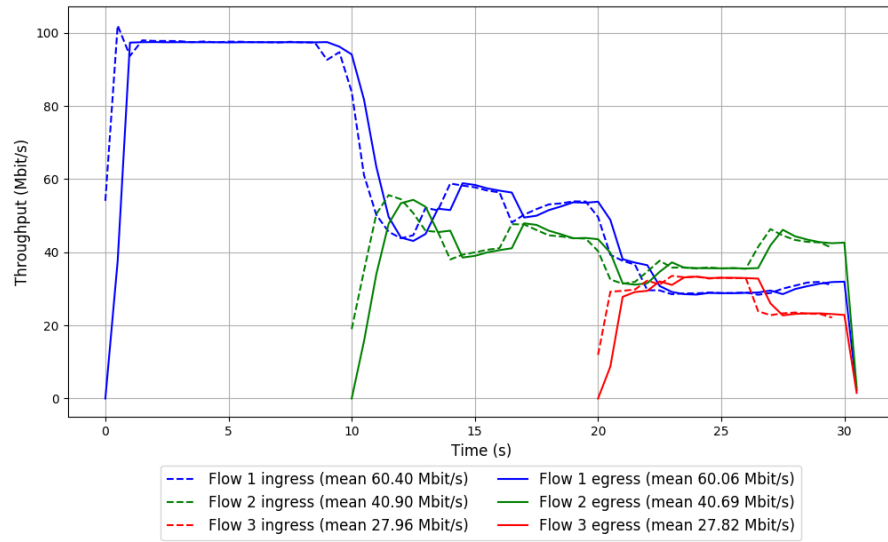


Run 5: Statistics of TCP Cubic

Start at: 2019-11-24 09:21:39
End at: 2019-11-24 09:22:09
Local clock offset: 6.79 ms
Remote clock offset: -1.741 ms

Below is generated by plot.py at 2019-11-24 09:48:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.43 Mbit/s
95th percentile per-packet one-way delay: 60.812 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 60.06 Mbit/s
95th percentile per-packet one-way delay: 60.521 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 40.69 Mbit/s
95th percentile per-packet one-way delay: 60.976 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 27.82 Mbit/s
95th percentile per-packet one-way delay: 60.939 ms
Loss rate: 0.39%

Run 5: Report of TCP Cubic — Data Link

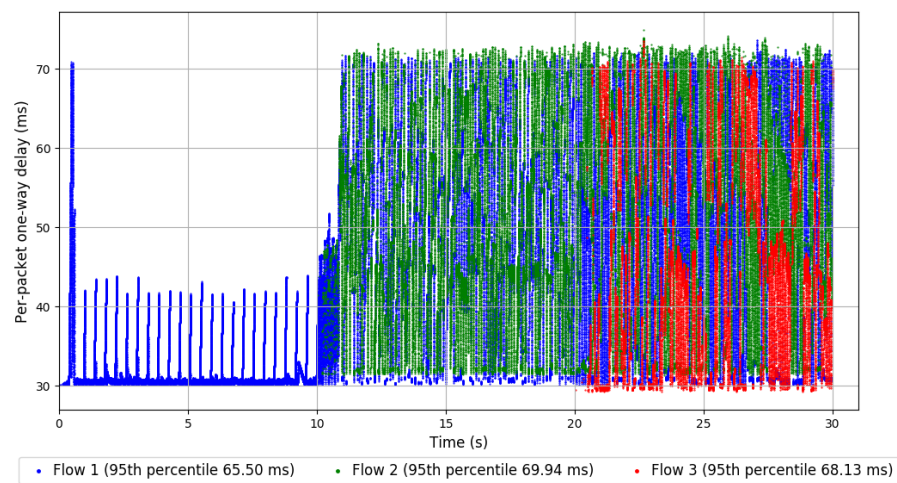
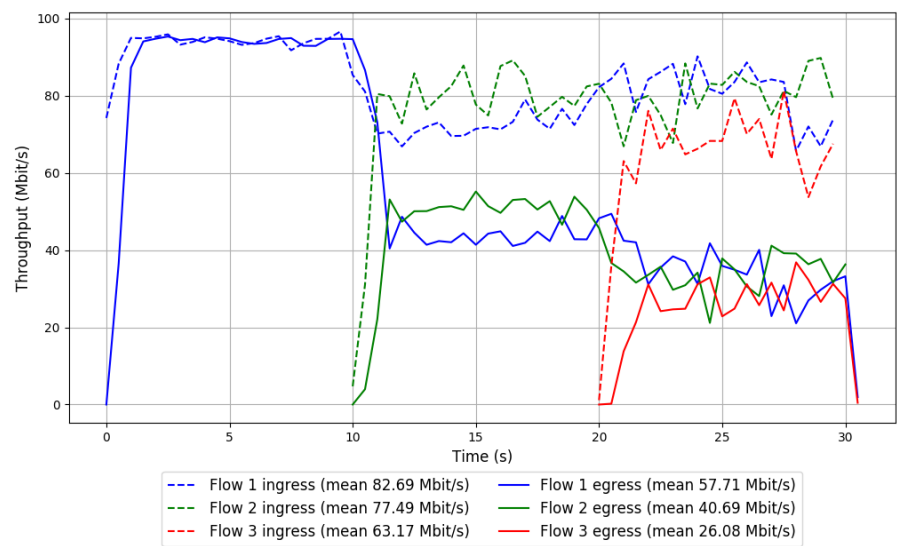


Run 1: Statistics of FillP

Start at: 2019-11-24 07:20:23
End at: 2019-11-24 07:20:53
Local clock offset: 5.675 ms
Remote clock offset: -4.682 ms

Below is generated by plot.py at 2019-11-24 09:49:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.43 Mbit/s
95th percentile per-packet one-way delay: 68.026 ms
Loss rate: 39.76%
-- Flow 1:
Average throughput: 57.71 Mbit/s
95th percentile per-packet one-way delay: 65.498 ms
Loss rate: 30.13%
-- Flow 2:
Average throughput: 40.69 Mbit/s
95th percentile per-packet one-way delay: 69.939 ms
Loss rate: 47.54%
-- Flow 3:
Average throughput: 26.08 Mbit/s
95th percentile per-packet one-way delay: 68.134 ms
Loss rate: 58.61%

Run 1: Report of FillP — Data Link

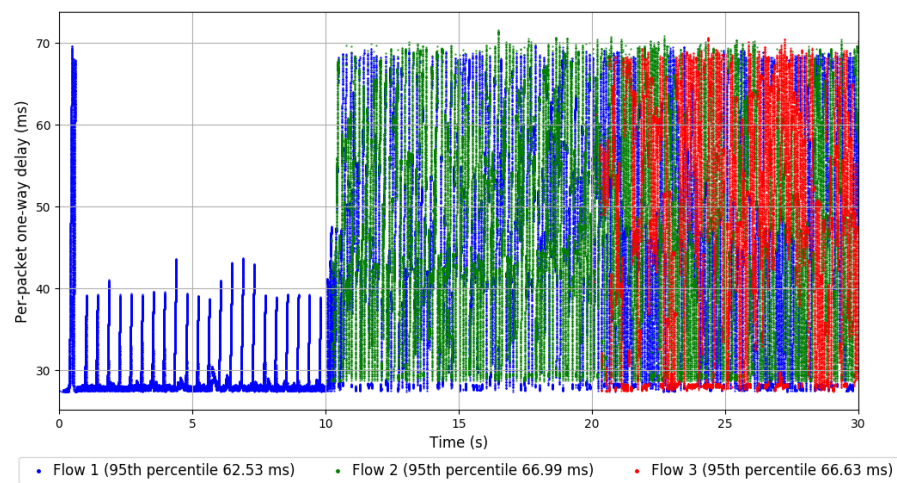
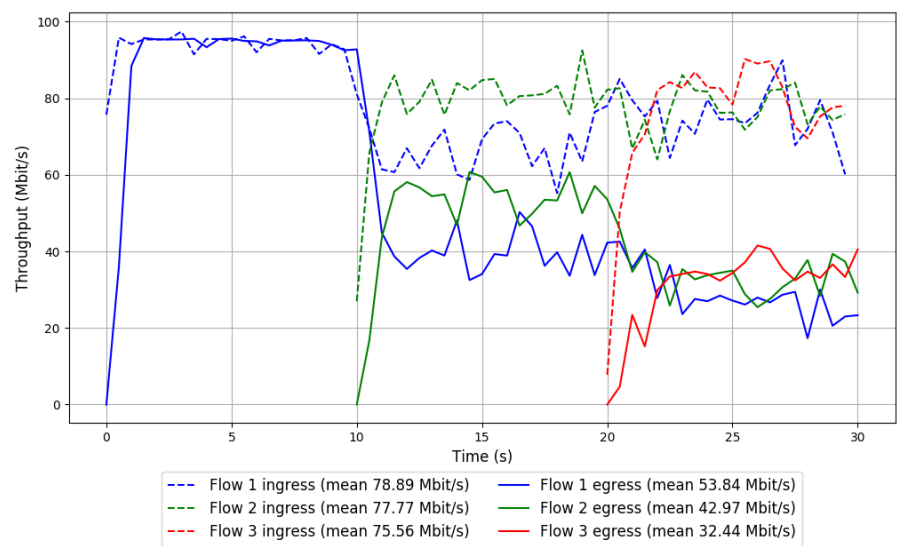


Run 2: Statistics of FillP

Start at: 2019-11-24 07:49:48
End at: 2019-11-24 07:50:18
Local clock offset: 7.197 ms
Remote clock offset: -5.462 ms

Below is generated by plot.py at 2019-11-24 09:49:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 65.513 ms
Loss rate: 40.16%
-- Flow 1:
Average throughput: 53.84 Mbit/s
95th percentile per-packet one-way delay: 62.528 ms
Loss rate: 31.76%
-- Flow 2:
Average throughput: 42.97 Mbit/s
95th percentile per-packet one-way delay: 66.993 ms
Loss rate: 44.74%
-- Flow 3:
Average throughput: 32.44 Mbit/s
95th percentile per-packet one-way delay: 66.626 ms
Loss rate: 57.19%

Run 2: Report of FillP — Data Link

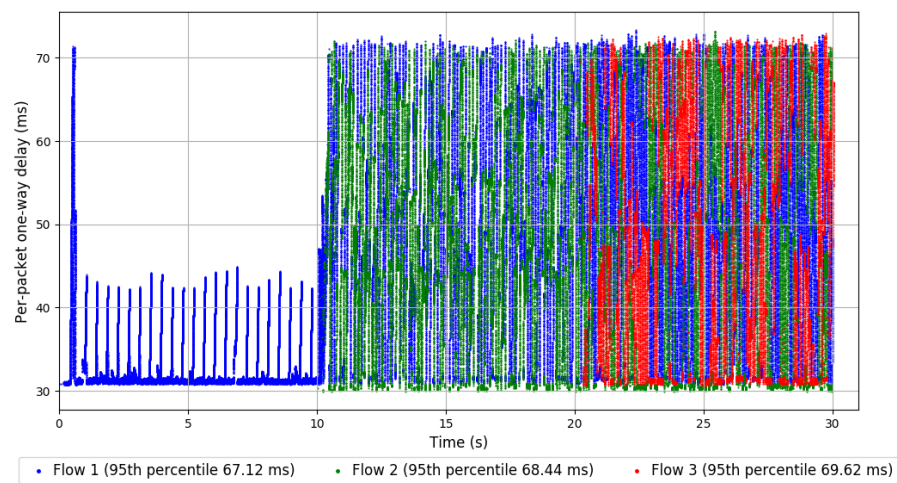
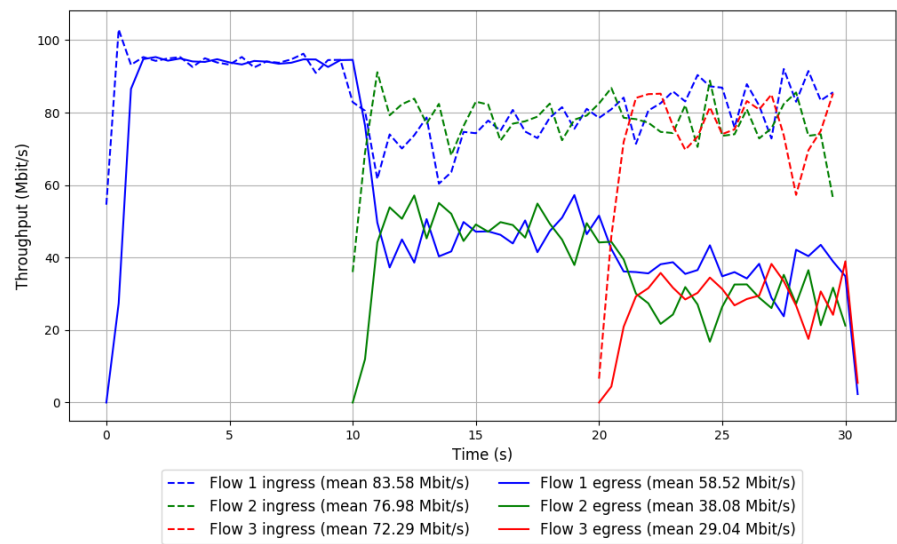


Run 3: Statistics of FillP

Start at: 2019-11-24 08:21:03
End at: 2019-11-24 08:21:33
Local clock offset: 6.134 ms
Remote clock offset: -4.003 ms

Below is generated by plot.py at 2019-11-24 09:49:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.41 Mbit/s
95th percentile per-packet one-way delay: 68.108 ms
Loss rate: 41.10%
-- Flow 1:
Average throughput: 58.52 Mbit/s
95th percentile per-packet one-way delay: 67.116 ms
Loss rate: 29.95%
-- Flow 2:
Average throughput: 38.08 Mbit/s
95th percentile per-packet one-way delay: 68.440 ms
Loss rate: 50.54%
-- Flow 3:
Average throughput: 29.04 Mbit/s
95th percentile per-packet one-way delay: 69.623 ms
Loss rate: 59.81%

Run 3: Report of FillP — Data Link

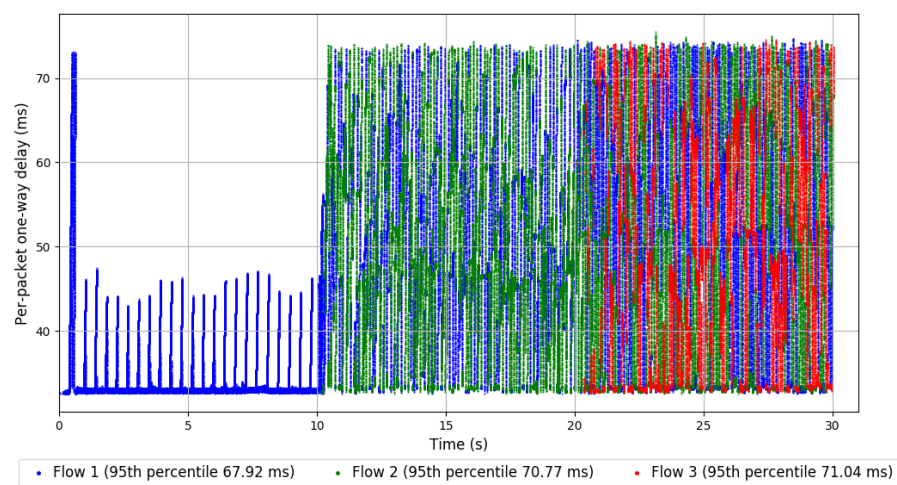
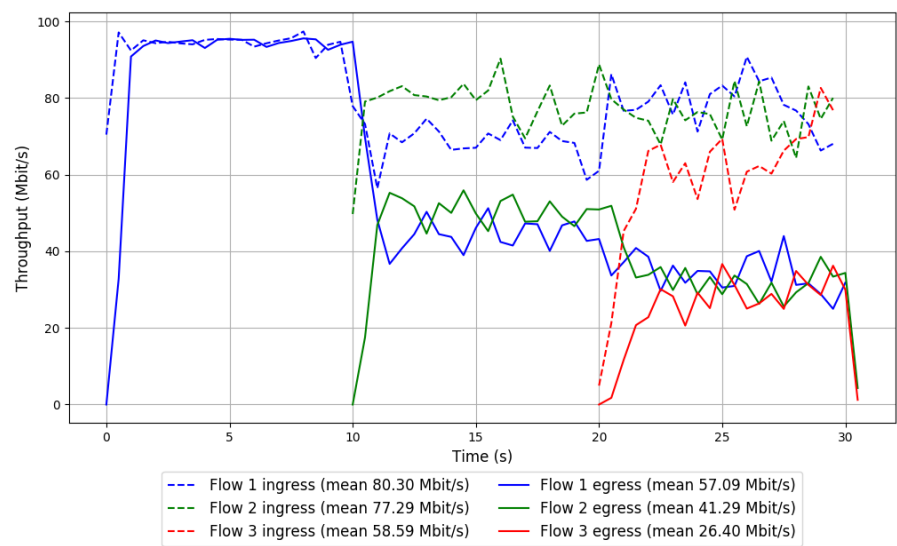


Run 4: Statistics of FillP

Start at: 2019-11-24 08:51:10
End at: 2019-11-24 08:51:40
Local clock offset: 6.793 ms
Remote clock offset: -3.806 ms

Below is generated by plot.py at 2019-11-24 09:49:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 69.686 ms
Loss rate: 38.21%
-- Flow 1:
Average throughput: 57.09 Mbit/s
95th percentile per-packet one-way delay: 67.916 ms
Loss rate: 28.85%
-- Flow 2:
Average throughput: 41.29 Mbit/s
95th percentile per-packet one-way delay: 70.773 ms
Loss rate: 46.48%
-- Flow 3:
Average throughput: 26.40 Mbit/s
95th percentile per-packet one-way delay: 71.041 ms
Loss rate: 54.92%

Run 4: Report of FillP — Data Link

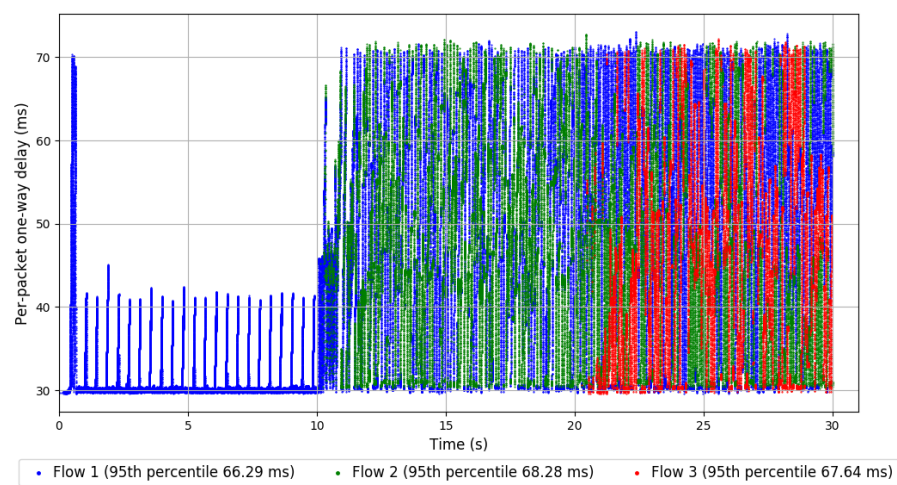
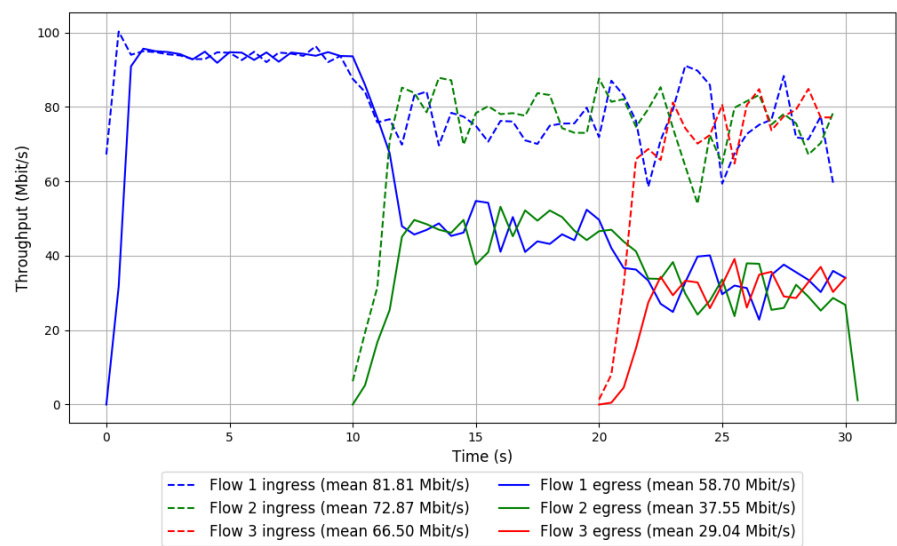


Run 5: Statistics of FillP

Start at: 2019-11-24 09:20:25
End at: 2019-11-24 09:20:55
Local clock offset: 6.324 ms
Remote clock offset: -3.297 ms

Below is generated by plot.py at 2019-11-24 09:49:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 67.193 ms
Loss rate: 38.91%
-- Flow 1:
Average throughput: 58.70 Mbit/s
95th percentile per-packet one-way delay: 66.286 ms
Loss rate: 28.27%
-- Flow 2:
Average throughput: 37.55 Mbit/s
95th percentile per-packet one-way delay: 68.285 ms
Loss rate: 48.47%
-- Flow 3:
Average throughput: 29.04 Mbit/s
95th percentile per-packet one-way delay: 67.641 ms
Loss rate: 57.34%

Run 5: Report of FillP — Data Link

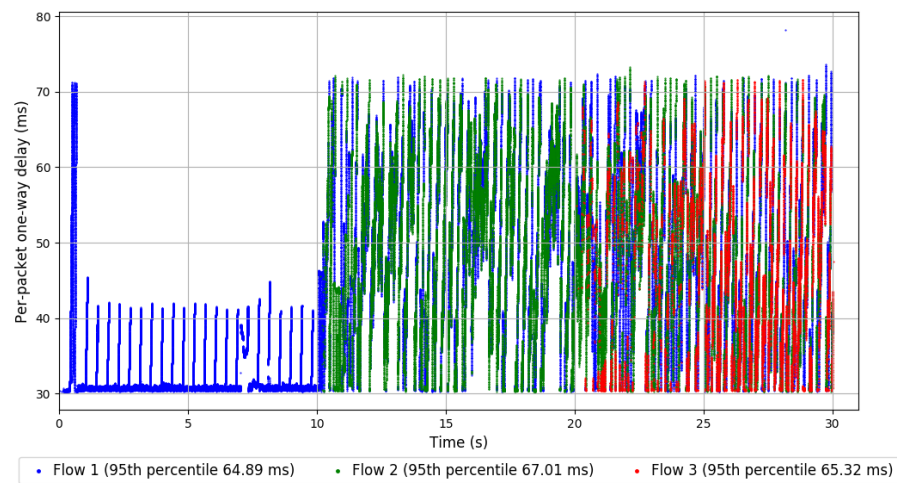
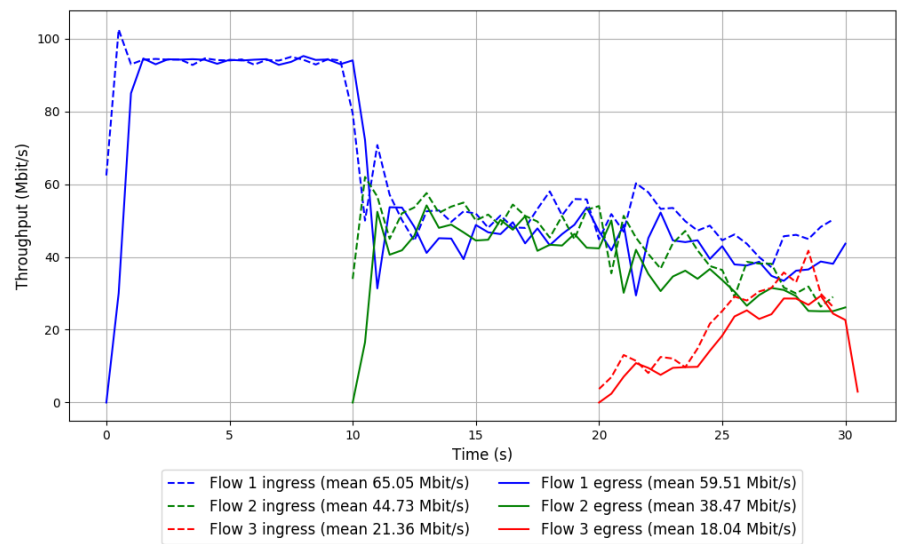


Run 1: Statistics of FillP-Sheep

Start at: 2019-11-24 07:35:58
End at: 2019-11-24 07:36:28
Local clock offset: 4.232 ms
Remote clock offset: -6.877 ms

Below is generated by plot.py at 2019-11-24 09:49:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 65.760 ms
Loss rate: 10.58%
-- Flow 1:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 64.885 ms
Loss rate: 8.49%
-- Flow 2:
Average throughput: 38.47 Mbit/s
95th percentile per-packet one-way delay: 67.010 ms
Loss rate: 13.97%
-- Flow 3:
Average throughput: 18.04 Mbit/s
95th percentile per-packet one-way delay: 65.324 ms
Loss rate: 15.61%

Run 1: Report of FillP-Sheep — Data Link

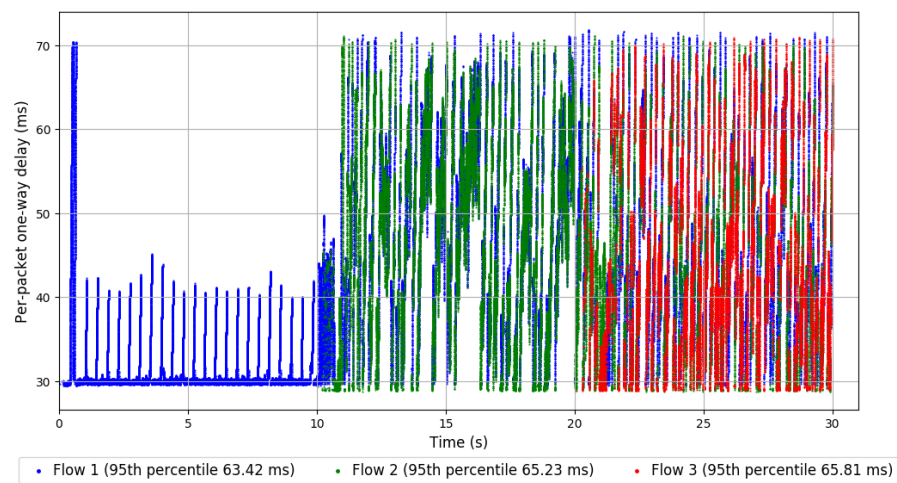
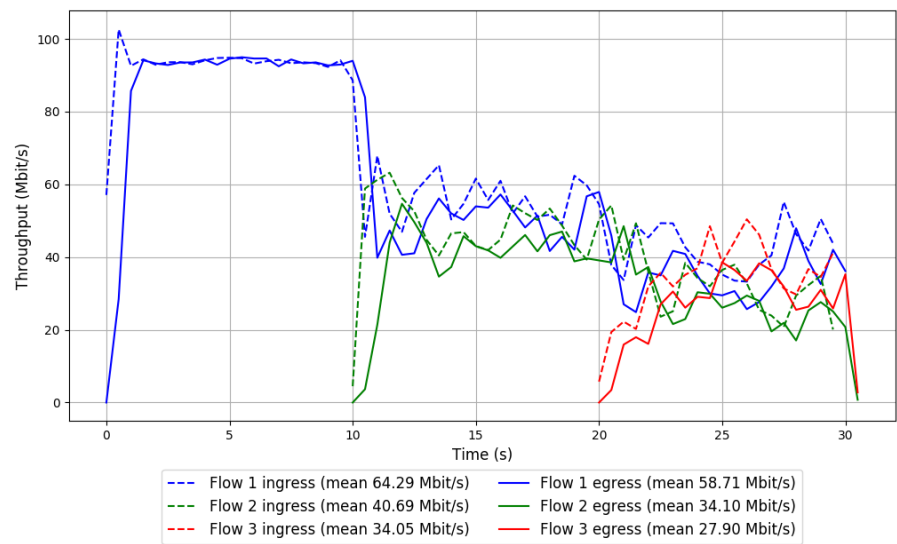


Run 2: Statistics of FillP-Sheep

Start at: 2019-11-24 08:06:50
End at: 2019-11-24 08:07:20
Local clock offset: 5.827 ms
Remote clock offset: -5.341 ms

Below is generated by plot.py at 2019-11-24 09:49:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.65 Mbit/s
95th percentile per-packet one-way delay: 64.392 ms
Loss rate: 11.63%
-- Flow 1:
Average throughput: 58.71 Mbit/s
95th percentile per-packet one-way delay: 63.417 ms
Loss rate: 8.68%
-- Flow 2:
Average throughput: 34.10 Mbit/s
95th percentile per-packet one-way delay: 65.230 ms
Loss rate: 16.07%
-- Flow 3:
Average throughput: 27.90 Mbit/s
95th percentile per-packet one-way delay: 65.809 ms
Loss rate: 17.79%

Run 2: Report of FillP-Sheep — Data Link

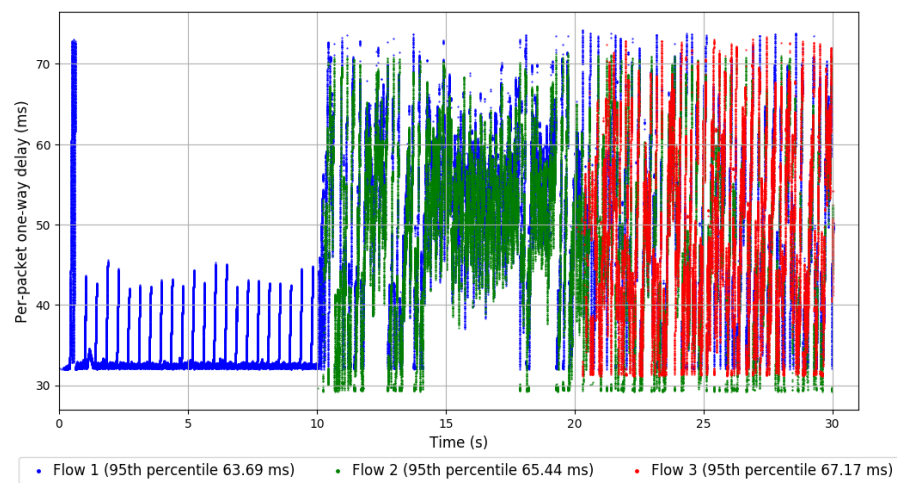
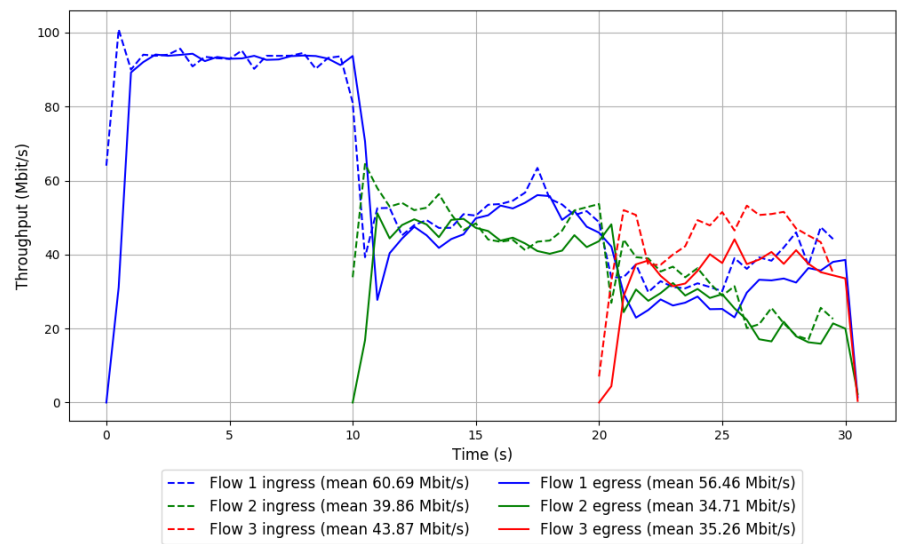


Run 3: Statistics of FillP-Sheep

Start at: 2019-11-24 08:37:35
End at: 2019-11-24 08:38:05
Local clock offset: 7.479 ms
Remote clock offset: -4.048 ms

Below is generated by plot.py at 2019-11-24 09:49:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.26 Mbit/s
95th percentile per-packet one-way delay: 64.941 ms
Loss rate: 10.27%
-- Flow 1:
Average throughput: 56.46 Mbit/s
95th percentile per-packet one-way delay: 63.692 ms
Loss rate: 6.92%
-- Flow 2:
Average throughput: 34.71 Mbit/s
95th percentile per-packet one-way delay: 65.445 ms
Loss rate: 12.84%
-- Flow 3:
Average throughput: 35.26 Mbit/s
95th percentile per-packet one-way delay: 67.170 ms
Loss rate: 19.57%

Run 3: Report of FillP-Sheep — Data Link

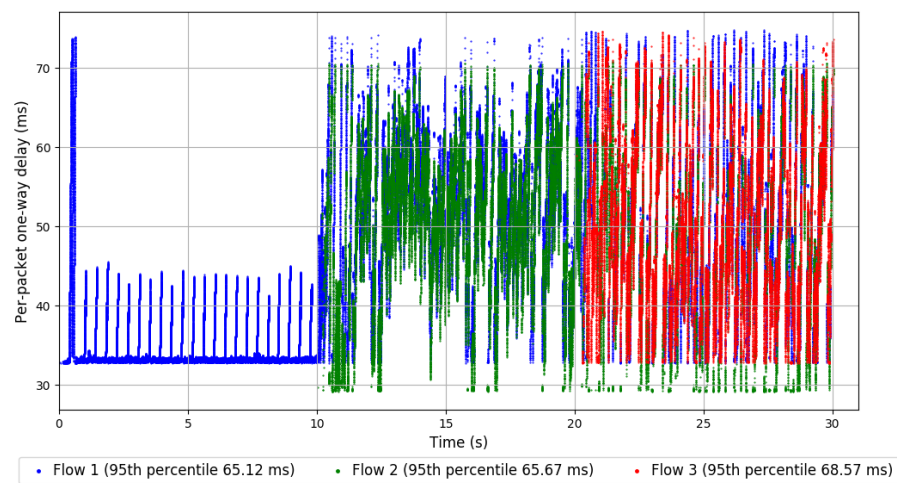
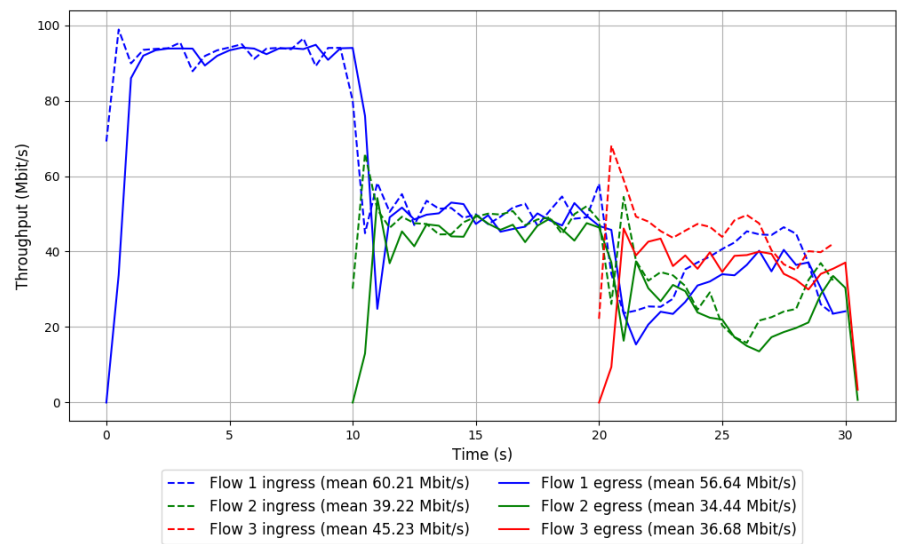


Run 4: Statistics of FillP-Sheep

Start at: 2019-11-24 09:07:10
End at: 2019-11-24 09:07:40
Local clock offset: 5.573 ms
Remote clock offset: -3.909 ms

```
# Below is generated by plot.py at 2019-11-24 09:50:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 65.954 ms
Loss rate: 9.42%
-- Flow 1:
Average throughput: 56.64 Mbit/s
95th percentile per-packet one-way delay: 65.121 ms
Loss rate: 5.93%
-- Flow 2:
Average throughput: 34.44 Mbit/s
95th percentile per-packet one-way delay: 65.675 ms
Loss rate: 12.07%
-- Flow 3:
Average throughput: 36.68 Mbit/s
95th percentile per-packet one-way delay: 68.570 ms
Loss rate: 18.81%
```

Run 4: Report of FillP-Sheep — Data Link

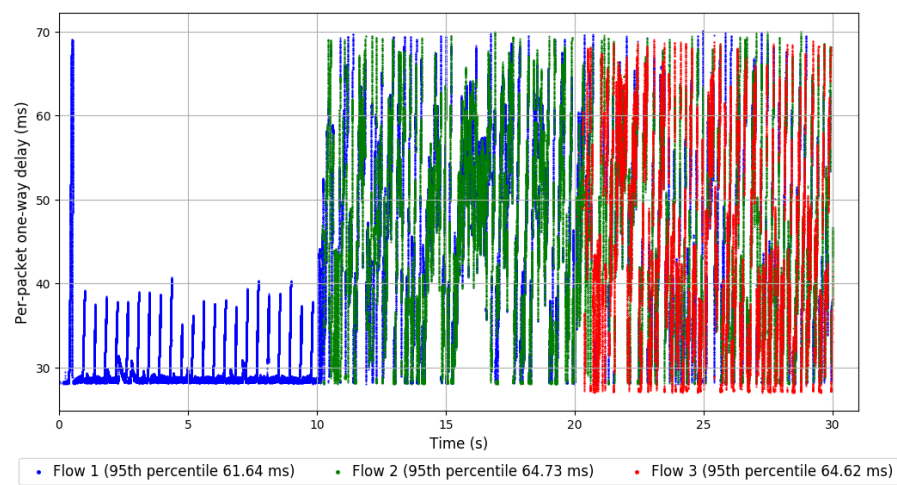
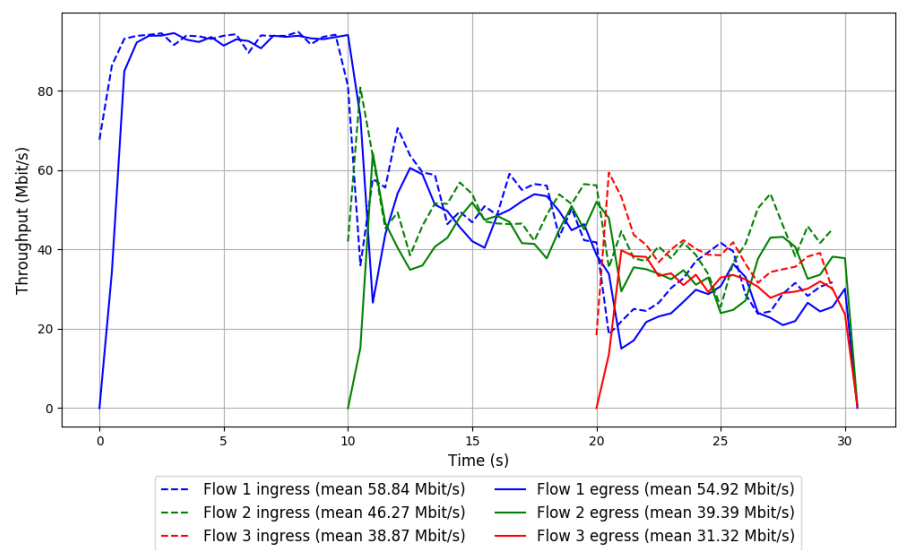


Run 5: Statistics of FillP-Sheep

Start at: 2019-11-24 09:36:18
End at: 2019-11-24 09:36:48
Local clock offset: 4.917 ms
Remote clock offset: -5.787 ms

Below is generated by plot.py at 2019-11-24 09:50:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.53 Mbit/s
95th percentile per-packet one-way delay: 63.306 ms
Loss rate: 10.72%
-- Flow 1:
Average throughput: 54.92 Mbit/s
95th percentile per-packet one-way delay: 61.640 ms
Loss rate: 6.64%
-- Flow 2:
Average throughput: 39.39 Mbit/s
95th percentile per-packet one-way delay: 64.729 ms
Loss rate: 14.81%
-- Flow 3:
Average throughput: 31.32 Mbit/s
95th percentile per-packet one-way delay: 64.621 ms
Loss rate: 19.54%

Run 5: Report of FillP-Sheep — Data Link

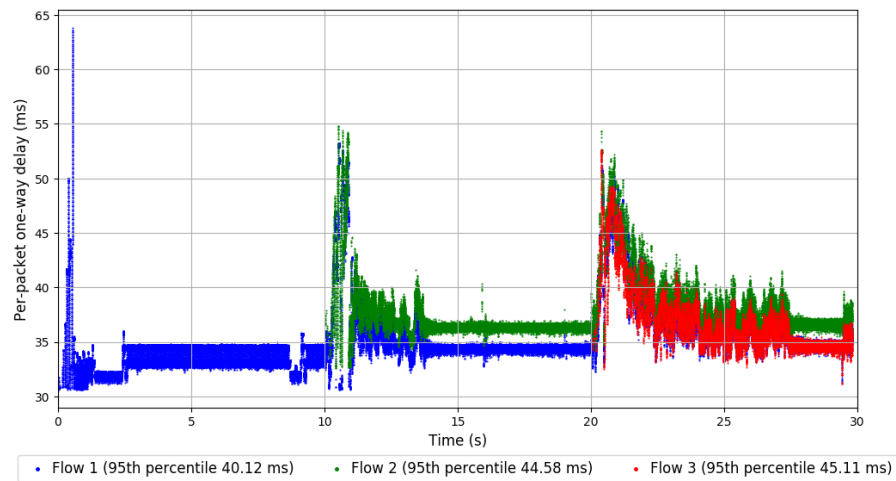
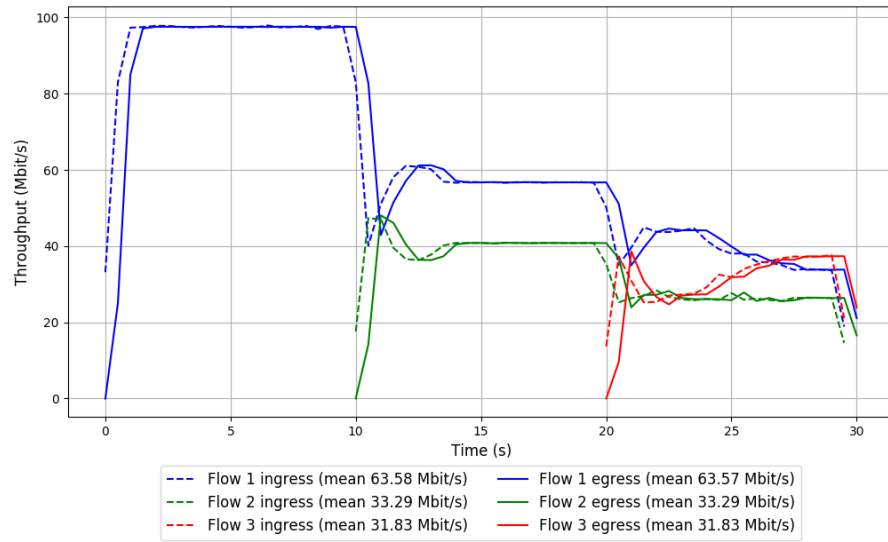


Run 1: Statistics of Indigo

Start at: 2019-11-24 07:32:21
End at: 2019-11-24 07:32:51
Local clock offset: 6.123 ms
Remote clock offset: -3.458 ms

Below is generated by plot.py at 2019-11-24 09:50:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 42.229 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.57 Mbit/s
95th percentile per-packet one-way delay: 40.117 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.29 Mbit/s
95th percentile per-packet one-way delay: 44.579 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 45.111 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

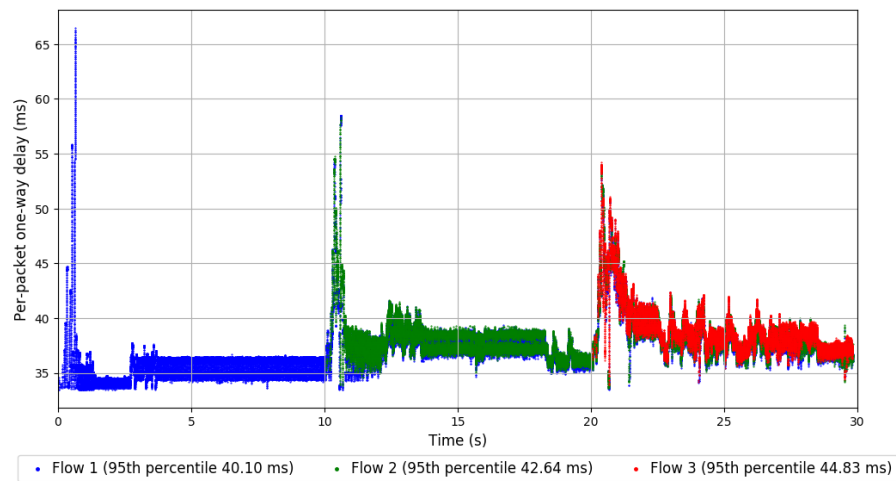
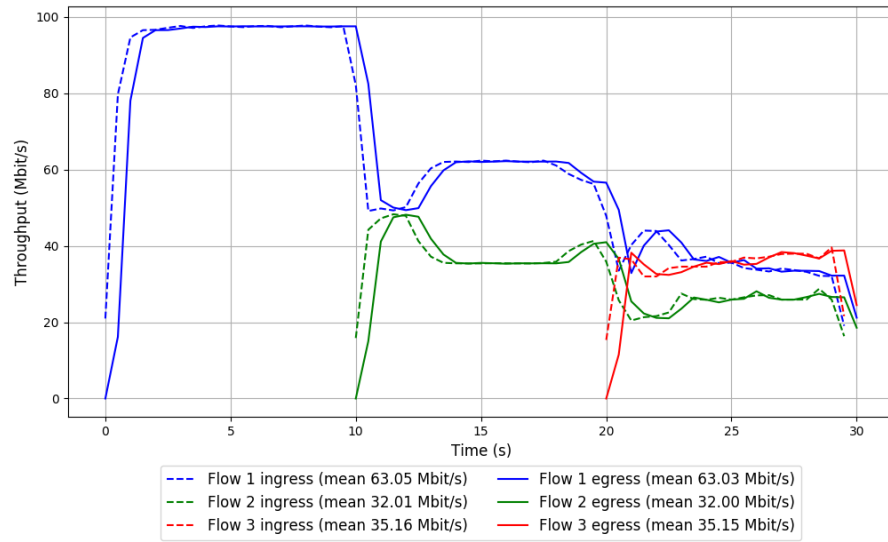


Run 2: Statistics of Indigo

Start at: 2019-11-24 08:02:23
End at: 2019-11-24 08:02:53
Local clock offset: 4.847 ms
Remote clock offset: -2.727 ms

Below is generated by plot.py at 2019-11-24 09:50:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 41.113 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 63.03 Mbit/s
95th percentile per-packet one-way delay: 40.098 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 42.644 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 35.15 Mbit/s
95th percentile per-packet one-way delay: 44.828 ms
Loss rate: 0.04%

Run 2: Report of Indigo — Data Link

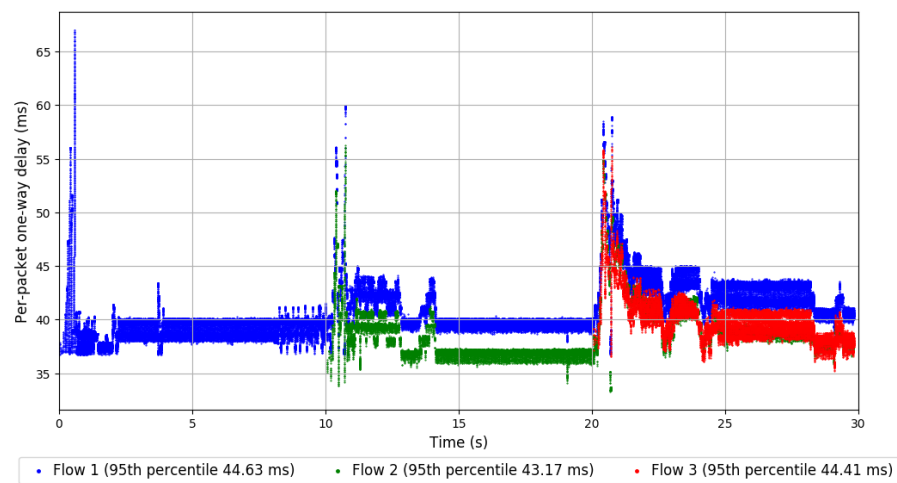
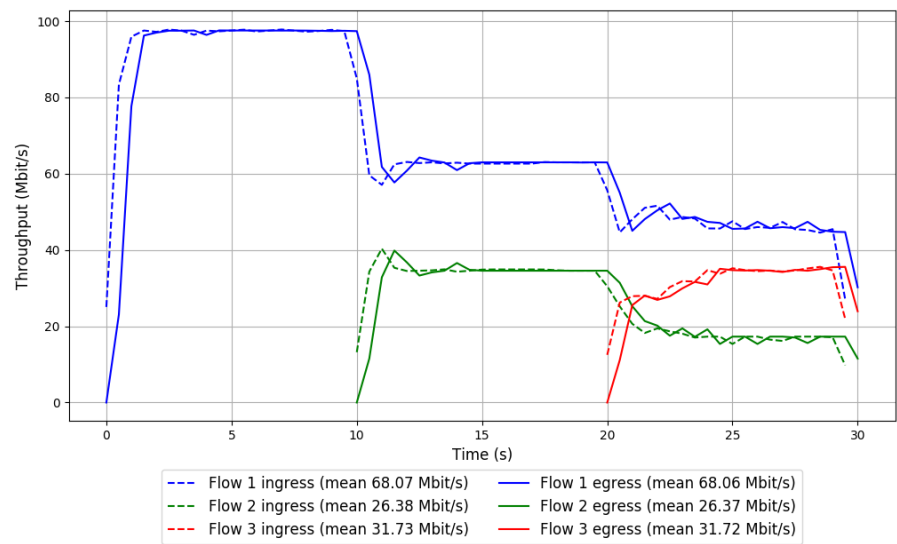


Run 3: Statistics of Indigo

Start at: 2019-11-24 08:33:41
End at: 2019-11-24 08:34:11
Local clock offset: 3.348 ms
Remote clock offset: -3.501 ms

Below is generated by plot.py at 2019-11-24 09:50:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 44.535 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 68.06 Mbit/s
95th percentile per-packet one-way delay: 44.633 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 26.37 Mbit/s
95th percentile per-packet one-way delay: 43.173 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 31.72 Mbit/s
95th percentile per-packet one-way delay: 44.413 ms
Loss rate: 0.02%

Run 3: Report of Indigo — Data Link

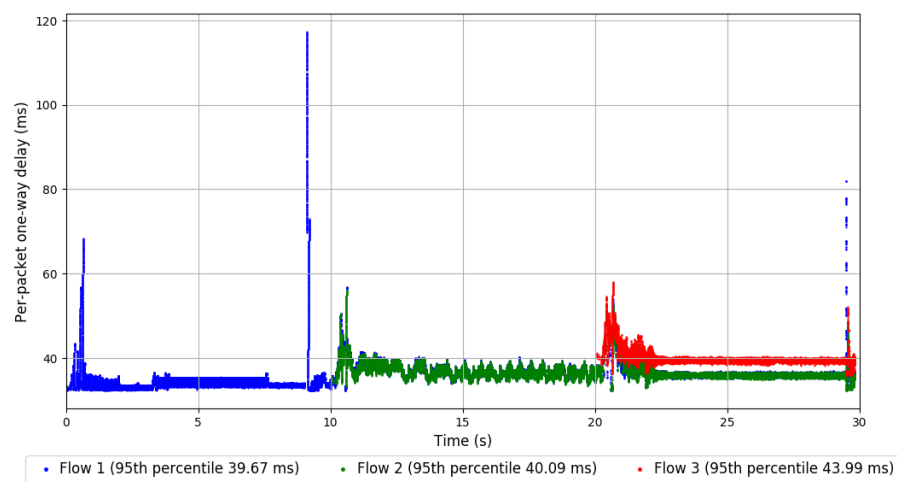
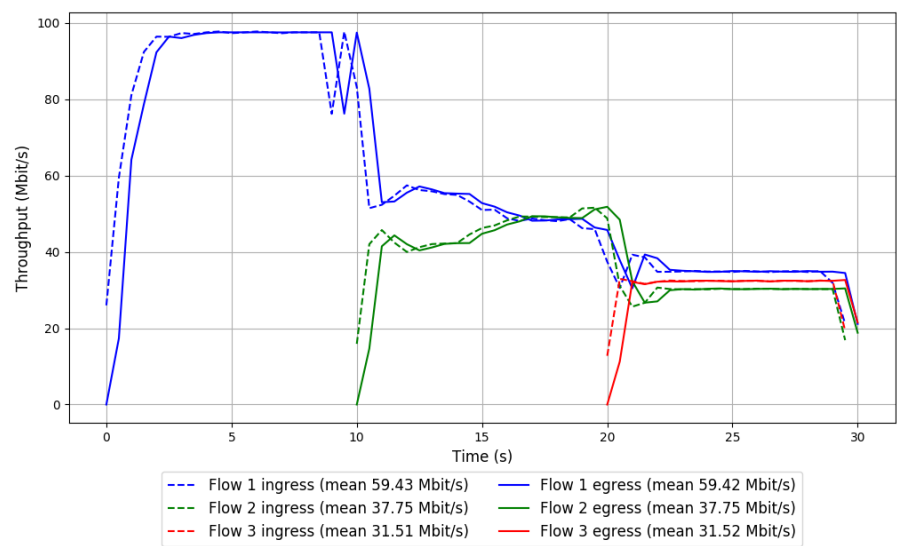


Run 4: Statistics of Indigo

Start at: 2019-11-24 09:03:24
End at: 2019-11-24 09:03:54
Local clock offset: 2.94 ms
Remote clock offset: -3.502 ms

```
# Below is generated by plot.py at 2019-11-24 09:50:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 40.533 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 39.670 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 37.75 Mbit/s
95th percentile per-packet one-way delay: 40.086 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.52 Mbit/s
95th percentile per-packet one-way delay: 43.993 ms
Loss rate: 0.03%
```

Run 4: Report of Indigo — Data Link

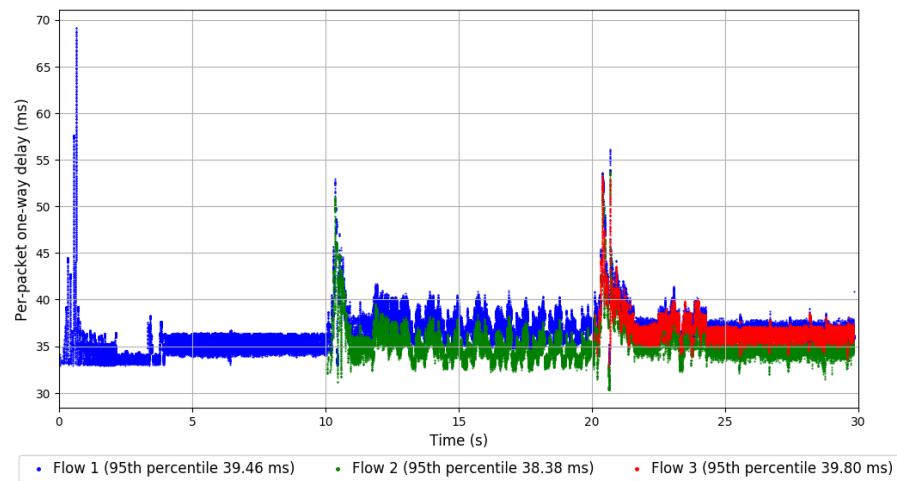
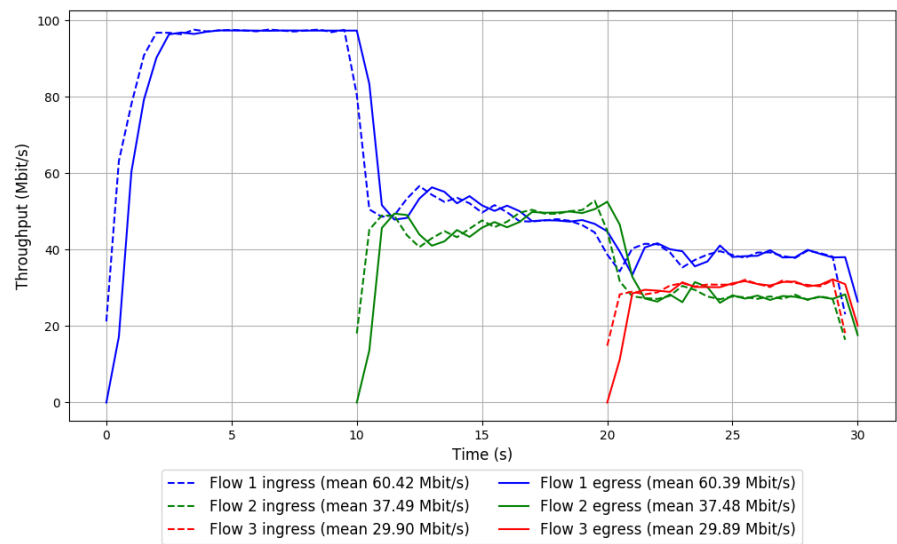


Run 5: Statistics of Indigo

Start at: 2019-11-24 09:32:39
End at: 2019-11-24 09:33:10
Local clock offset: 1.918 ms
Remote clock offset: -4.928 ms

Below is generated by plot.py at 2019-11-24 09:51:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 39.368 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 60.39 Mbit/s
95th percentile per-packet one-way delay: 39.457 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 37.48 Mbit/s
95th percentile per-packet one-way delay: 38.380 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 29.89 Mbit/s
95th percentile per-packet one-way delay: 39.803 ms
Loss rate: 0.02%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-11-24 07:42:05

End at: 2019-11-24 07:42:35

Local clock offset: 1.274 ms

Remote clock offset: -6.09 ms

Below is generated by plot.py at 2019-11-24 09:51:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 45.500 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 49.41 Mbit/s

95th percentile per-packet one-way delay: 44.665 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 51.94 Mbit/s

95th percentile per-packet one-way delay: 44.833 ms

Loss rate: 0.01%

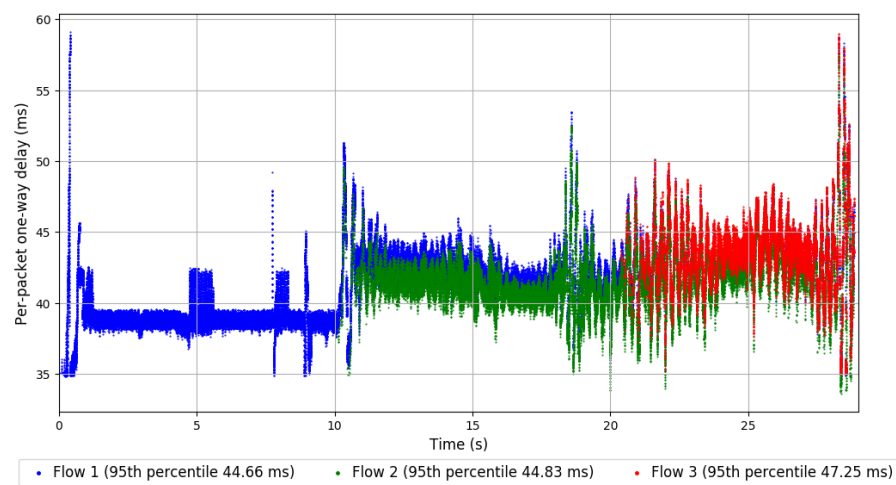
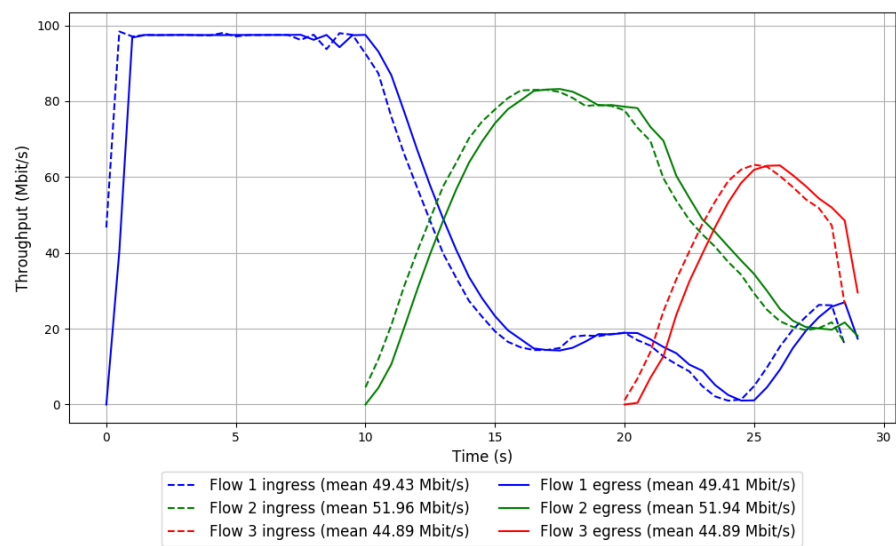
-- Flow 3:

Average throughput: 44.89 Mbit/s

95th percentile per-packet one-way delay: 47.253 ms

Loss rate: 0.01%

Run 1: Report of Indigo-MusesC3 — Data Link

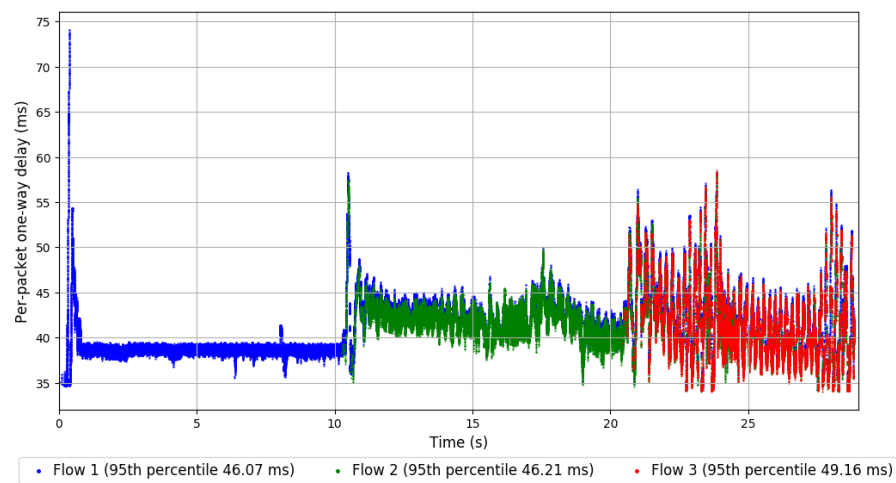
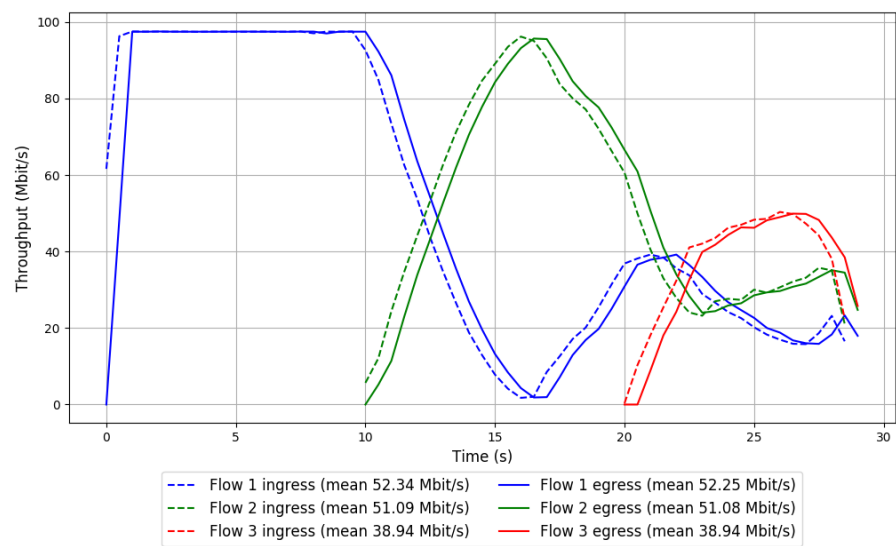


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-11-24 08:13:11
End at: 2019-11-24 08:13:41
Local clock offset: 1.424 ms
Remote clock offset: -4.716 ms

Below is generated by plot.py at 2019-11-24 09:51:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 46.812 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 52.25 Mbit/s
95th percentile per-packet one-way delay: 46.066 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 51.08 Mbit/s
95th percentile per-packet one-way delay: 46.212 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 38.94 Mbit/s
95th percentile per-packet one-way delay: 49.162 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link

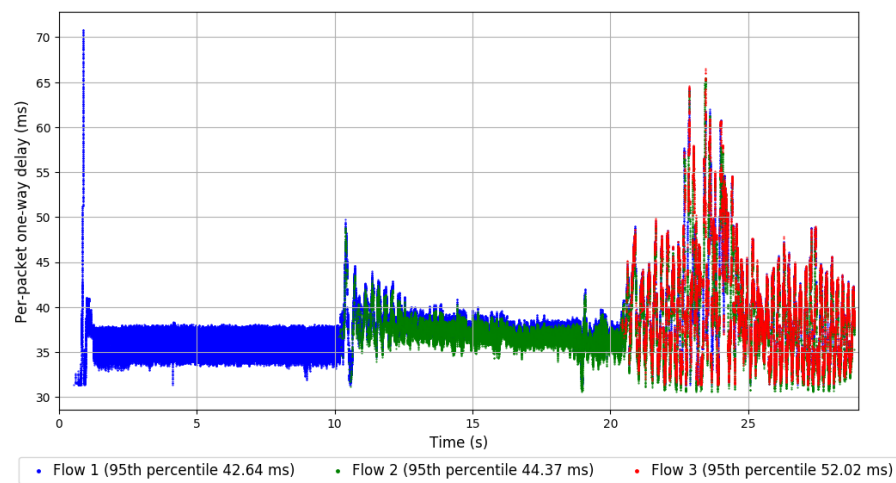
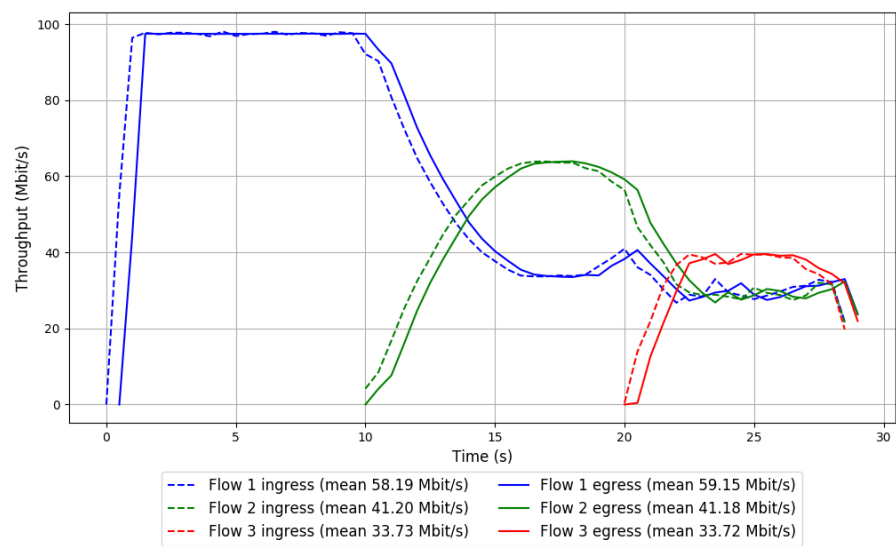


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-11-24 08:43:47
End at: 2019-11-24 08:44:17
Local clock offset: 6.536 ms
Remote clock offset: -5.564 ms

Below is generated by plot.py at 2019-11-24 09:51:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 44.742 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 59.15 Mbit/s
95th percentile per-packet one-way delay: 42.641 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 41.18 Mbit/s
95th percentile per-packet one-way delay: 44.367 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 33.72 Mbit/s
95th percentile per-packet one-way delay: 52.015 ms
Loss rate: 0.01%

Run 3: Report of Indigo-MusesC3 — Data Link

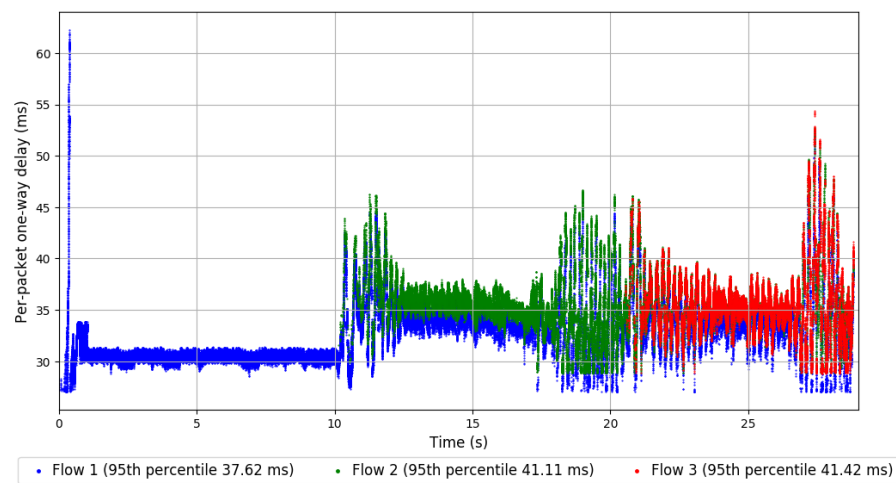
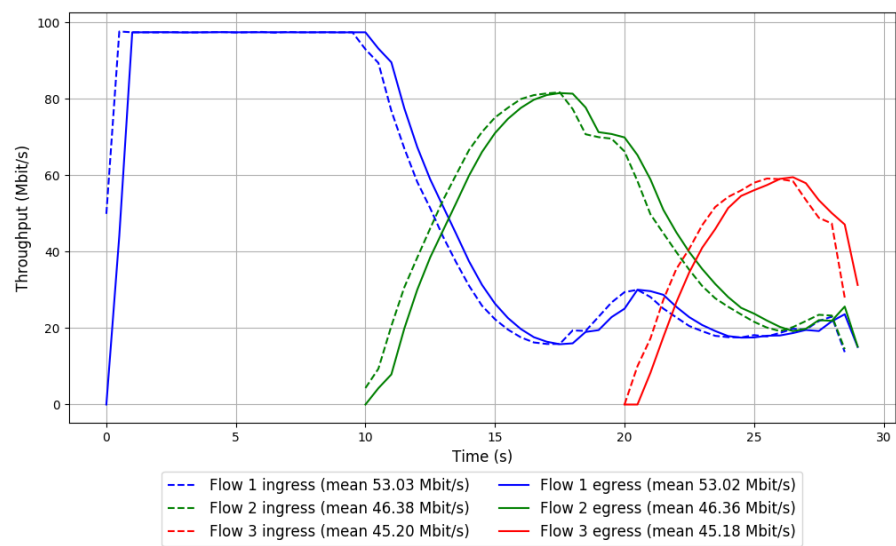


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-11-24 09:13:13
End at: 2019-11-24 09:13:43
Local clock offset: 6.762 ms
Remote clock offset: -4.826 ms

```
# Below is generated by plot.py at 2019-11-24 09:51:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.17 Mbit/s
95th percentile per-packet one-way delay: 39.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.02 Mbit/s
95th percentile per-packet one-way delay: 37.624 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.36 Mbit/s
95th percentile per-packet one-way delay: 41.107 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 45.18 Mbit/s
95th percentile per-packet one-way delay: 41.425 ms
Loss rate: 0.01%
```

Run 4: Report of Indigo-MusesC3 — Data Link

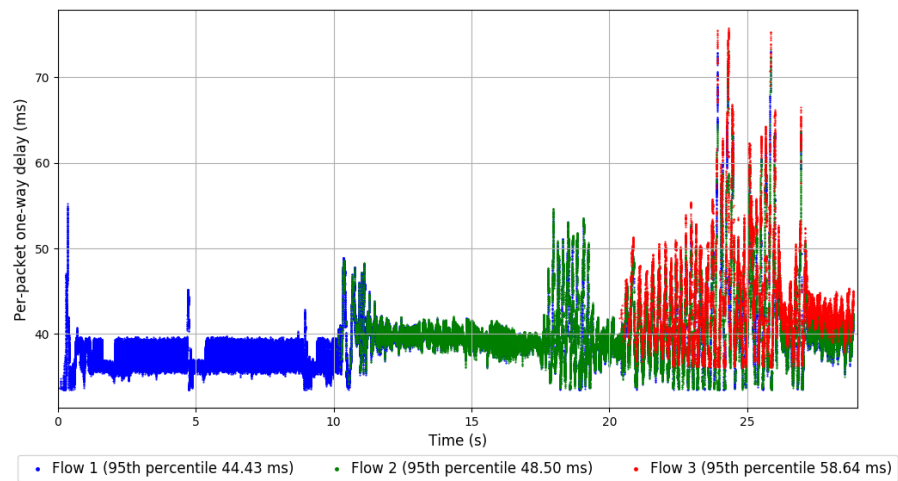
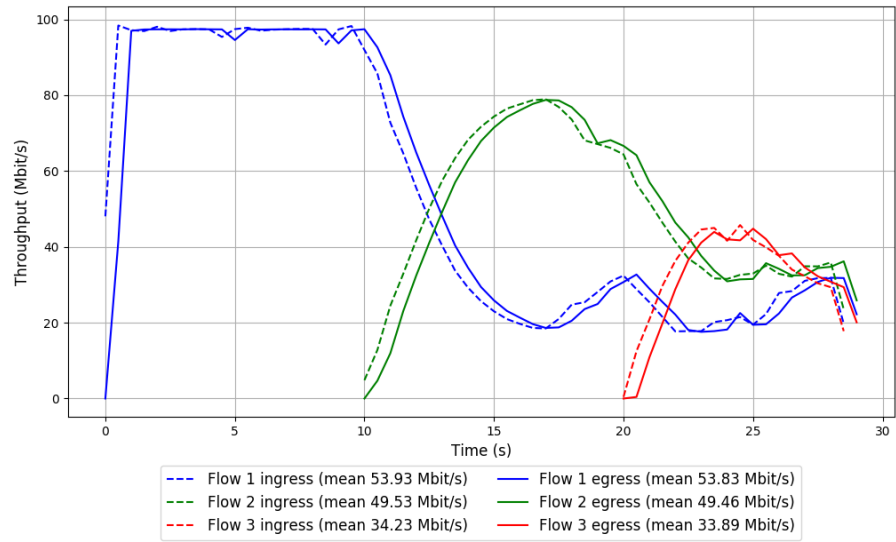


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-11-24 09:42:33
End at: 2019-11-24 09:43:03
Local clock offset: 1.025 ms
Remote clock offset: -2.229 ms

Below is generated by plot.py at 2019-11-24 09:51:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 48.121 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 53.83 Mbit/s
95th percentile per-packet one-way delay: 44.434 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 49.46 Mbit/s
95th percentile per-packet one-way delay: 48.497 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: 58.639 ms
Loss rate: 1.00%

Run 5: Report of Indigo-MusesC3 — Data Link

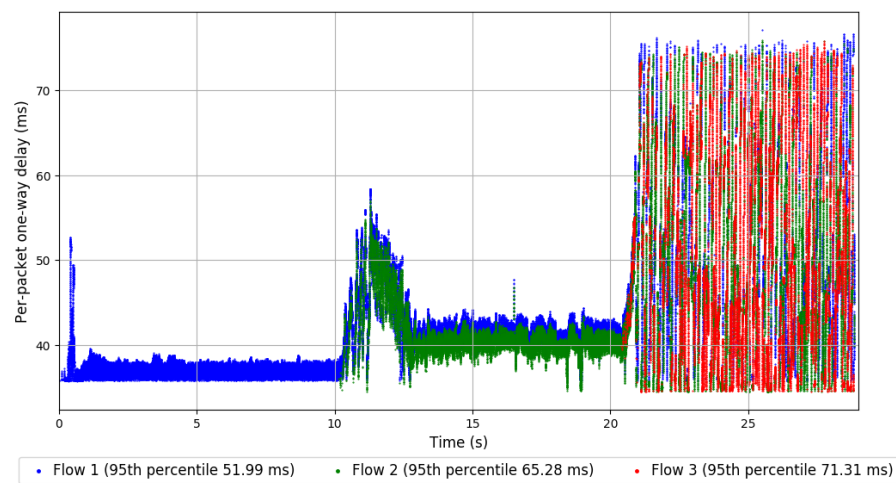
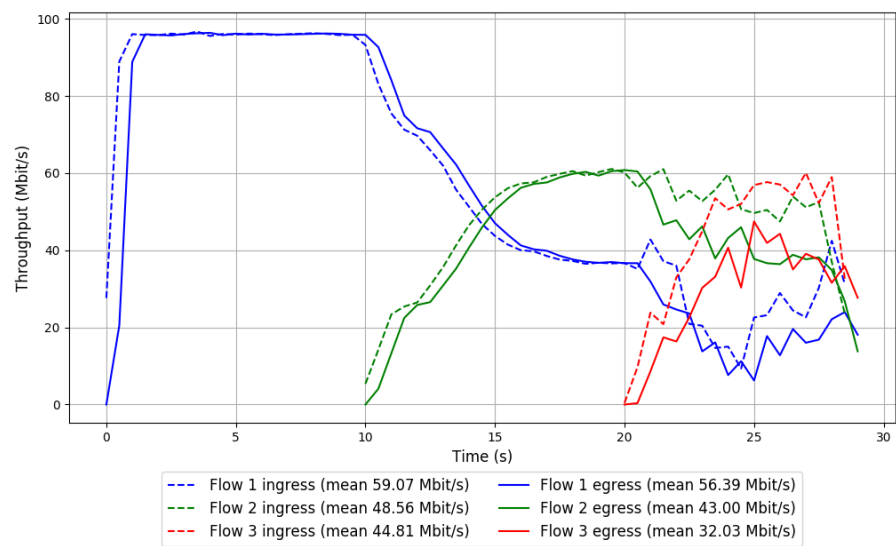


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-11-24 07:22:53
End at: 2019-11-24 07:23:23
Local clock offset: 3.717 ms
Remote clock offset: -2.499 ms

Below is generated by plot.py at 2019-11-24 09:51:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 63.625 ms
Loss rate: 9.63%
-- Flow 1:
Average throughput: 56.39 Mbit/s
95th percentile per-packet one-way delay: 51.995 ms
Loss rate: 4.47%
-- Flow 2:
Average throughput: 43.00 Mbit/s
95th percentile per-packet one-way delay: 65.285 ms
Loss rate: 11.40%
-- Flow 3:
Average throughput: 32.03 Mbit/s
95th percentile per-packet one-way delay: 71.313 ms
Loss rate: 28.57%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-11-24 07:52:20

End at: 2019-11-24 07:52:50

Local clock offset: 3.34 ms

Remote clock offset: -5.4 ms

Below is generated by plot.py at 2019-11-24 09:51:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 65.994 ms

Loss rate: 10.82%

-- Flow 1:

Average throughput: 58.35 Mbit/s

95th percentile per-packet one-way delay: 64.492 ms

Loss rate: 8.10%

-- Flow 2:

Average throughput: 51.51 Mbit/s

95th percentile per-packet one-way delay: 67.379 ms

Loss rate: 14.54%

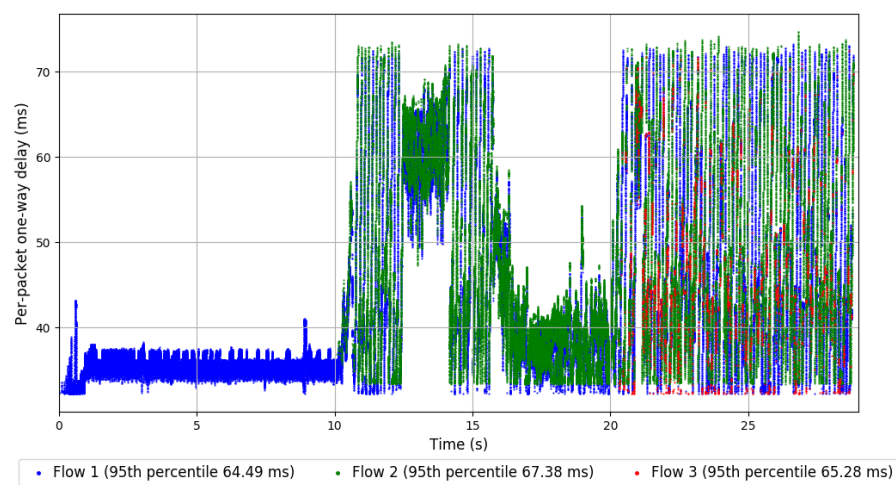
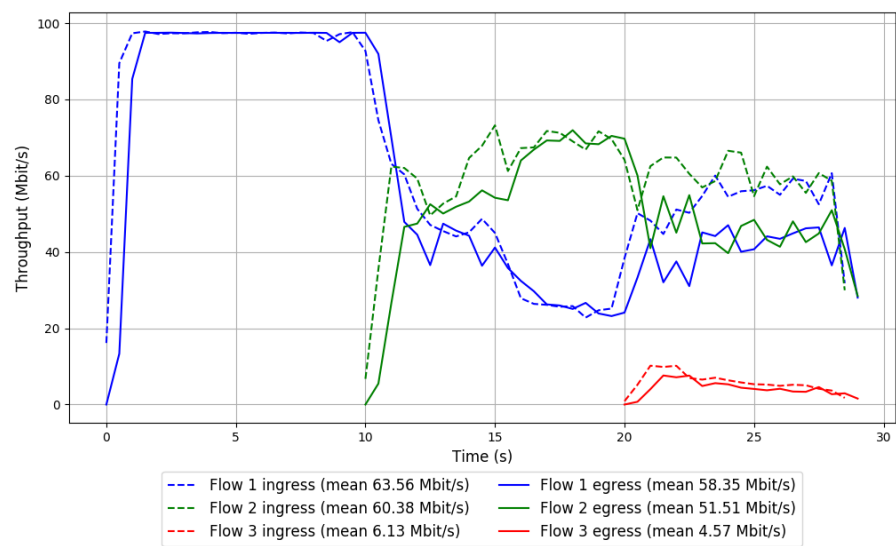
-- Flow 3:

Average throughput: 4.57 Mbit/s

95th percentile per-packet one-way delay: 65.279 ms

Loss rate: 25.31%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-11-24 08:23:50

End at: 2019-11-24 08:24:20

Local clock offset: 5.955 ms

Remote clock offset: -4.29 ms

Below is generated by plot.py at 2019-11-24 09:52:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.20 Mbit/s

95th percentile per-packet one-way delay: 67.788 ms

Loss rate: 16.54%

-- Flow 1:

Average throughput: 61.66 Mbit/s

95th percentile per-packet one-way delay: 66.692 ms

Loss rate: 13.10%

-- Flow 2:

Average throughput: 44.34 Mbit/s

95th percentile per-packet one-way delay: 68.845 ms

Loss rate: 22.80%

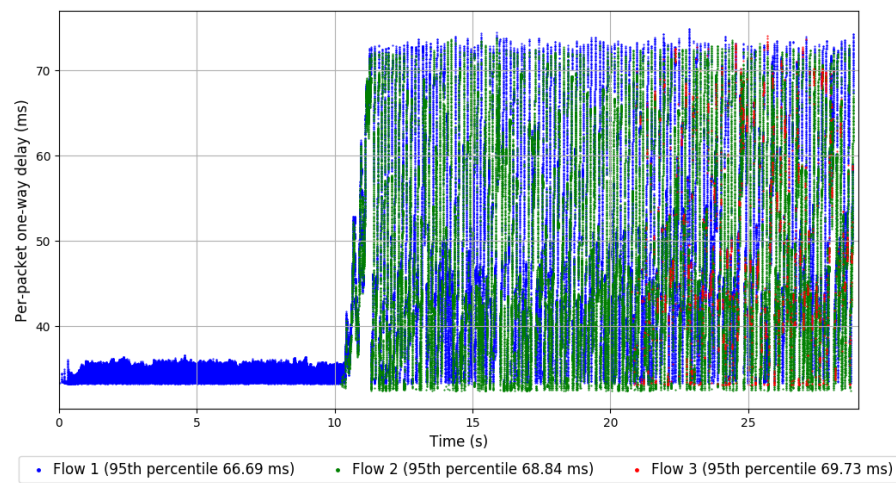
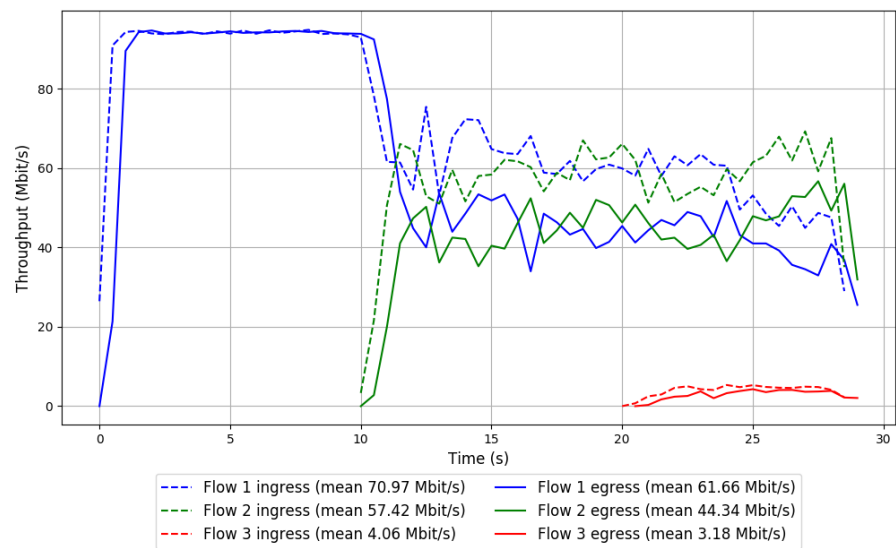
-- Flow 3:

Average throughput: 3.18 Mbit/s

95th percentile per-packet one-way delay: 69.729 ms

Loss rate: 26.55%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-11-24 08:53:39

End at: 2019-11-24 08:54:09

Local clock offset: 7.228 ms

Remote clock offset: -5.63 ms

Below is generated by plot.py at 2019-11-24 09:52:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 60.506 ms

Loss rate: 4.52%

-- Flow 1:

Average throughput: 54.65 Mbit/s

95th percentile per-packet one-way delay: 59.145 ms

Loss rate: 3.39%

-- Flow 2:

Average throughput: 59.72 Mbit/s

95th percentile per-packet one-way delay: 61.703 ms

Loss rate: 5.75%

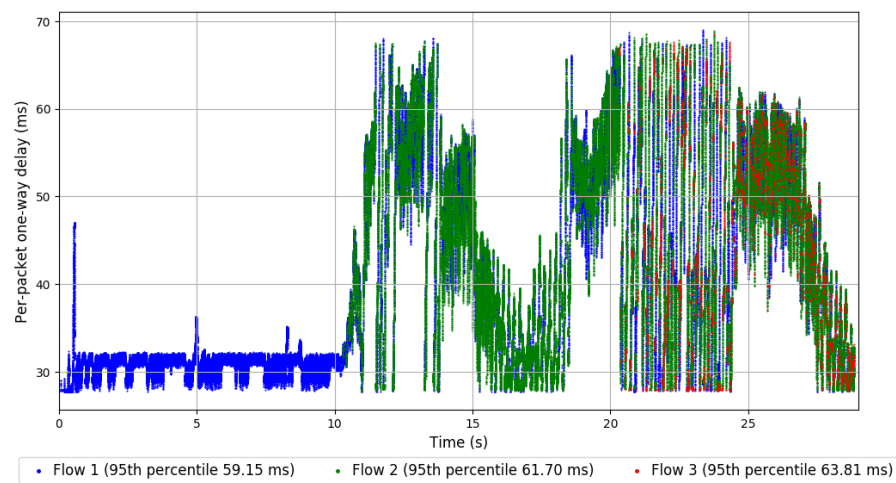
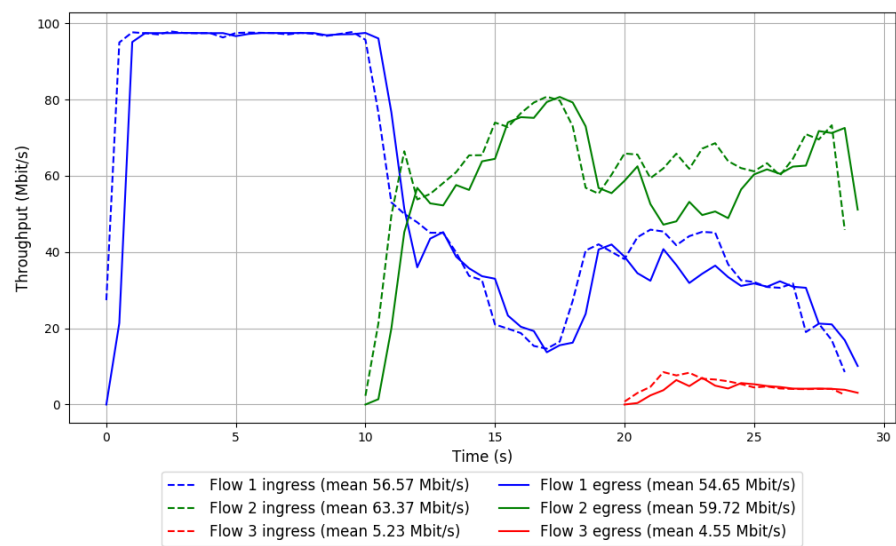
-- Flow 3:

Average throughput: 4.55 Mbit/s

95th percentile per-packet one-way delay: 63.807 ms

Loss rate: 13.38%

Run 4: Report of Indigo-MusesC5 — Data Link

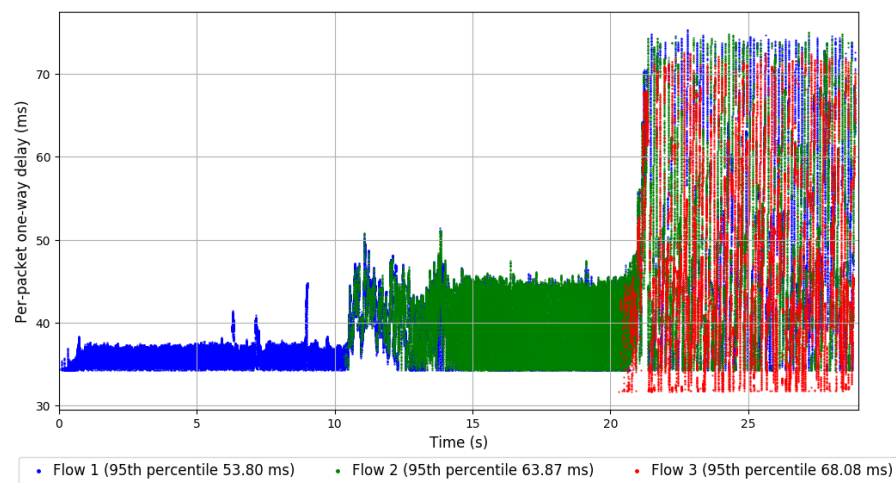
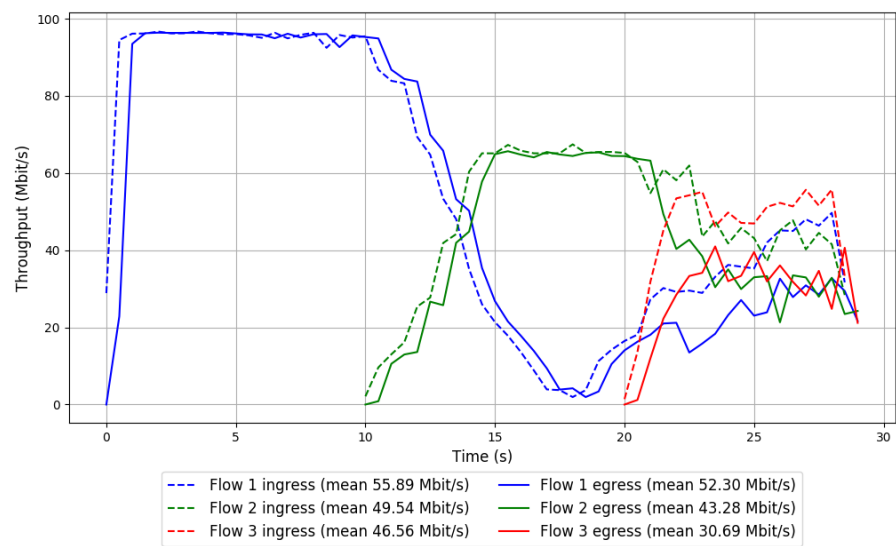


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-11-24 09:22:54
End at: 2019-11-24 09:23:24
Local clock offset: 1.363 ms
Remote clock offset: -4.349 ms

Below is generated by plot.py at 2019-11-24 09:52:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 62.613 ms
Loss rate: 12.01%
-- Flow 1:
Average throughput: 52.30 Mbit/s
95th percentile per-packet one-way delay: 53.801 ms
Loss rate: 6.34%
-- Flow 2:
Average throughput: 43.28 Mbit/s
95th percentile per-packet one-way delay: 63.865 ms
Loss rate: 12.49%
-- Flow 3:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 68.079 ms
Loss rate: 33.85%

Run 5: Report of Indigo-MusesC5 — Data Link

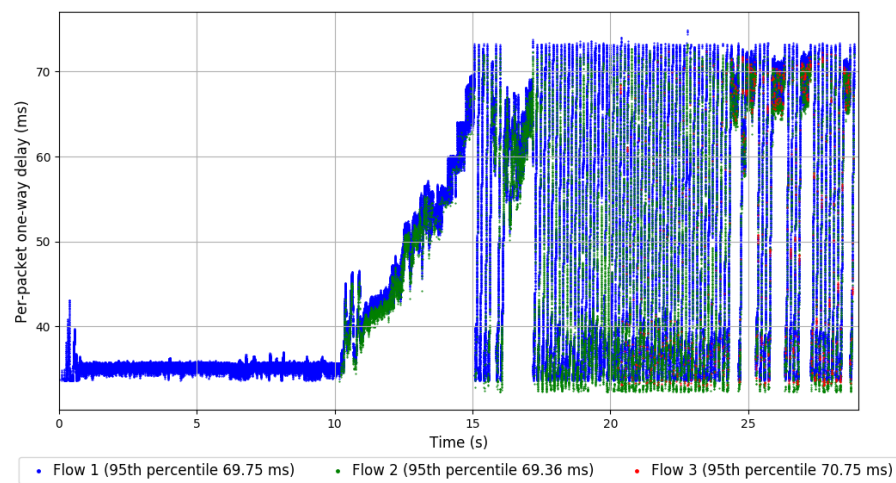
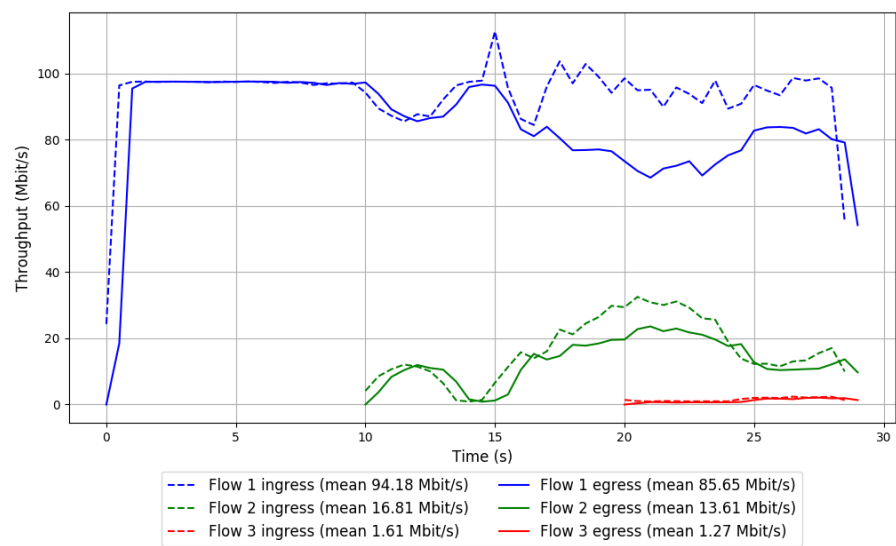


Run 1: Statistics of Indigo-MusesD

Start at: 2019-11-24 07:40:49
End at: 2019-11-24 07:41:19
Local clock offset: 3.158 ms
Remote clock offset: -4.735 ms

Below is generated by plot.py at 2019-11-24 09:52:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.85 Mbit/s
95th percentile per-packet one-way delay: 69.694 ms
Loss rate: 10.12%
-- Flow 1:
Average throughput: 85.65 Mbit/s
95th percentile per-packet one-way delay: 69.749 ms
Loss rate: 9.03%
-- Flow 2:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 69.359 ms
Loss rate: 19.01%
-- Flow 3:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 70.748 ms
Loss rate: 21.29%

Run 1: Report of Indigo-MusesD — Data Link

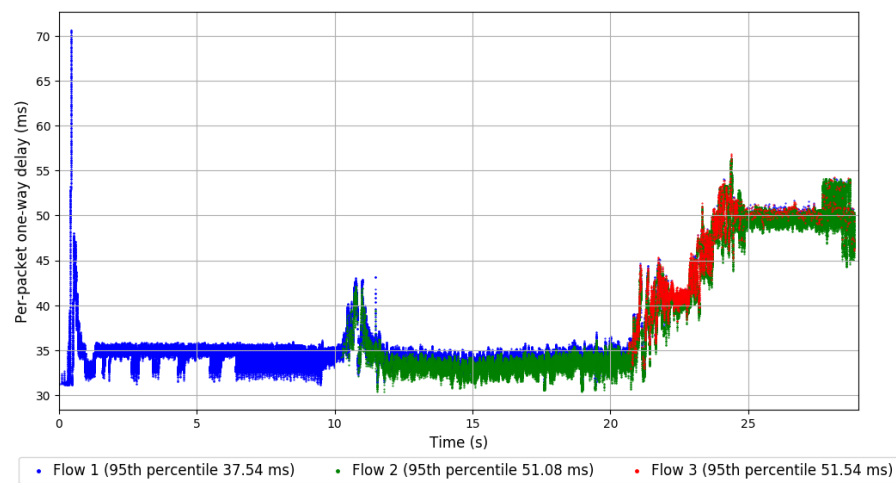
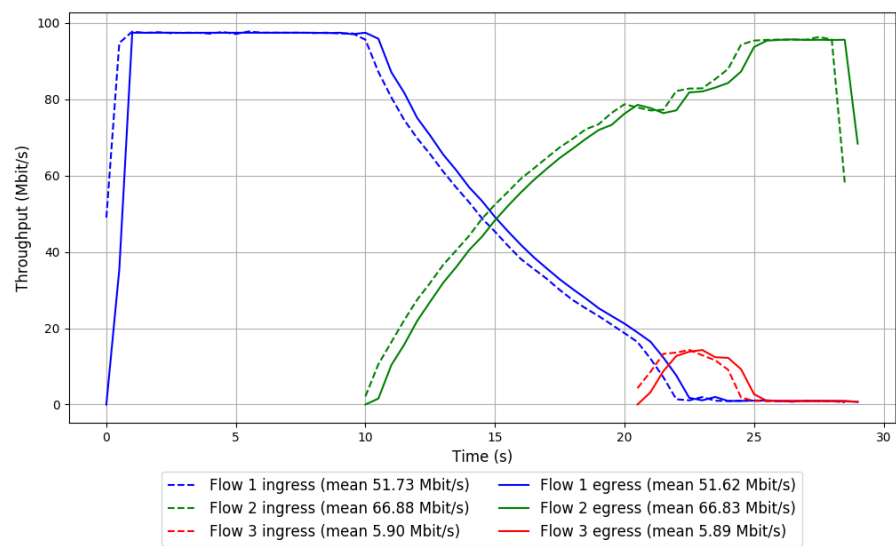


Run 2: Statistics of Indigo-MusesD

Start at: 2019-11-24 08:11:50
End at: 2019-11-24 08:12:20
Local clock offset: 5.732 ms
Remote clock offset: -4.023 ms

Below is generated by plot.py at 2019-11-24 09:52:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.45 Mbit/s
95th percentile per-packet one-way delay: 50.317 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 51.62 Mbit/s
95th percentile per-packet one-way delay: 37.542 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 66.83 Mbit/s
95th percentile per-packet one-way delay: 51.078 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 5.89 Mbit/s
95th percentile per-packet one-way delay: 51.537 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link

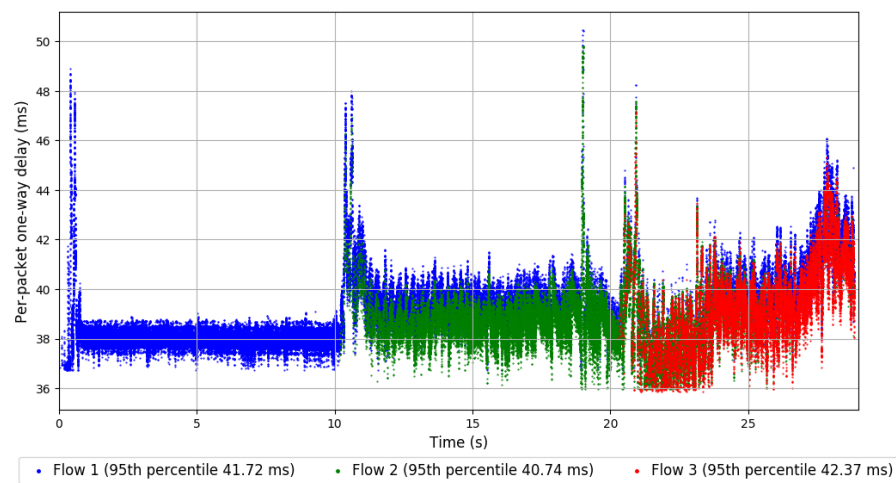
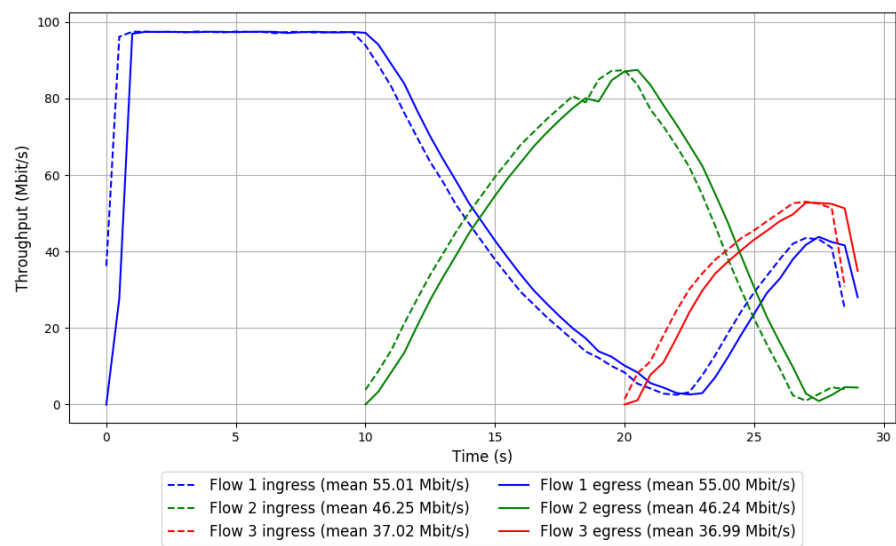


Run 3: Statistics of Indigo-MusesD

Start at: 2019-11-24 08:42:30
End at: 2019-11-24 08:43:00
Local clock offset: 2.092 ms
Remote clock offset: -4.731 ms

Below is generated by plot.py at 2019-11-24 09:52:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 41.628 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 55.00 Mbit/s
95th percentile per-packet one-way delay: 41.715 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 46.24 Mbit/s
95th percentile per-packet one-way delay: 40.736 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.99 Mbit/s
95th percentile per-packet one-way delay: 42.367 ms
Loss rate: 0.04%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-11-24 09:11:59

End at: 2019-11-24 09:12:29

Local clock offset: 3.701 ms

Remote clock offset: -5.37 ms

Below is generated by plot.py at 2019-11-24 09:52:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.74 Mbit/s

95th percentile per-packet one-way delay: 61.177 ms

Loss rate: 4.72%

-- Flow 1:

Average throughput: 53.48 Mbit/s

95th percentile per-packet one-way delay: 38.332 ms

Loss rate: 0.88%

-- Flow 2:

Average throughput: 57.43 Mbit/s

95th percentile per-packet one-way delay: 65.919 ms

Loss rate: 7.99%

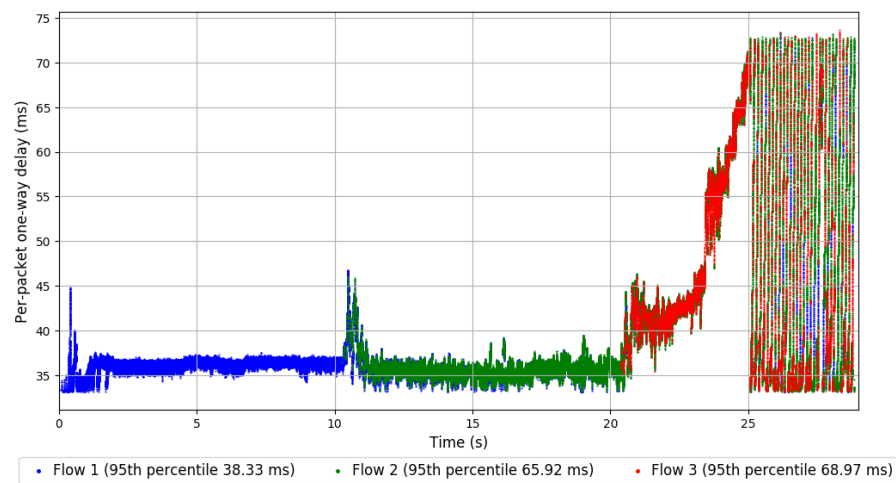
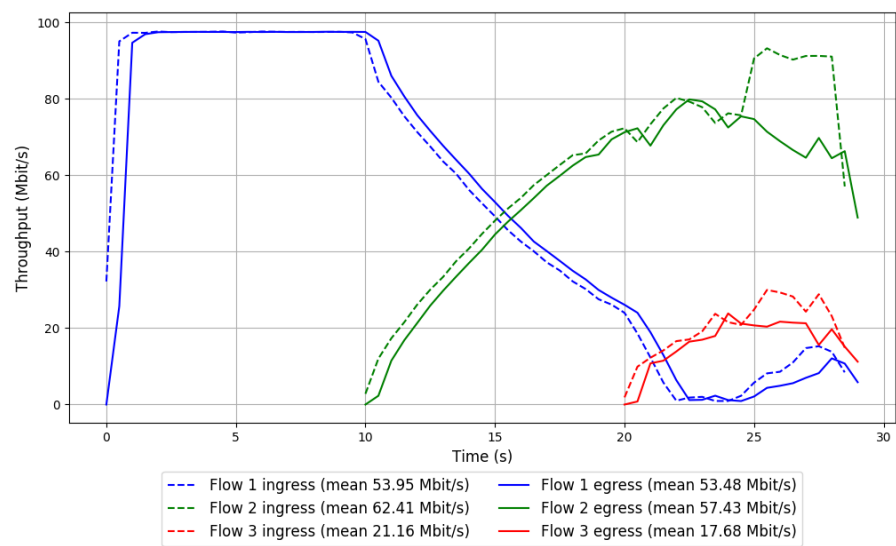
-- Flow 3:

Average throughput: 17.68 Mbit/s

95th percentile per-packet one-way delay: 68.974 ms

Loss rate: 16.70%

Run 4: Report of Indigo-MusesD — Data Link

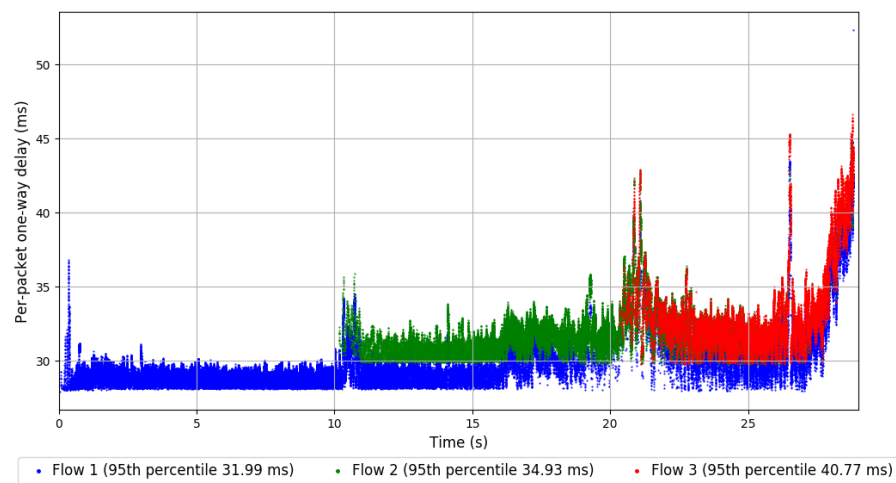
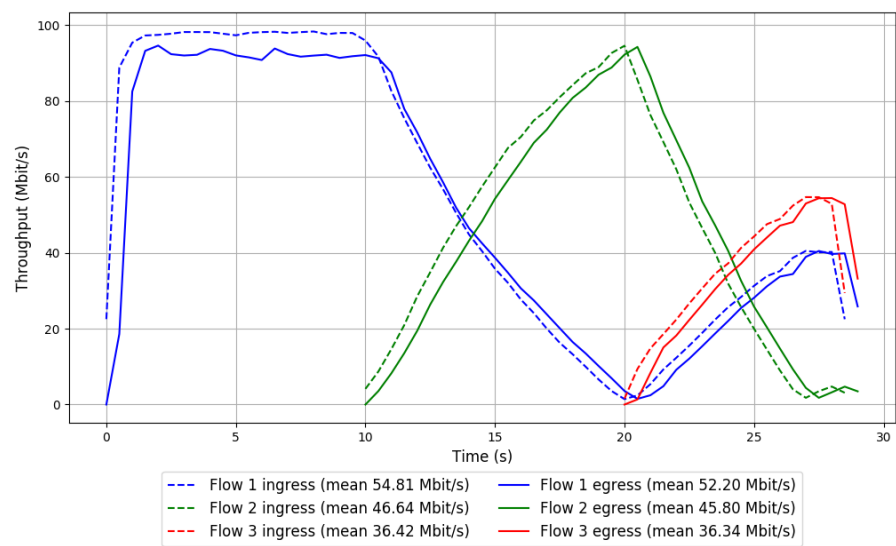


Run 5: Statistics of Indigo-MusesD

Start at: 2019-11-24 09:41:17
End at: 2019-11-24 09:41:47
Local clock offset: 4.879 ms
Remote clock offset: -4.686 ms

Below is generated by plot.py at 2019-11-24 09:52:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.72 Mbit/s
95th percentile per-packet one-way delay: 35.224 ms
Loss rate: 3.23%
-- Flow 1:
Average throughput: 52.20 Mbit/s
95th percentile per-packet one-way delay: 31.994 ms
Loss rate: 4.67%
-- Flow 2:
Average throughput: 45.80 Mbit/s
95th percentile per-packet one-way delay: 34.932 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 36.34 Mbit/s
95th percentile per-packet one-way delay: 40.774 ms
Loss rate: 0.09%

Run 5: Report of Indigo-MusesD — Data Link

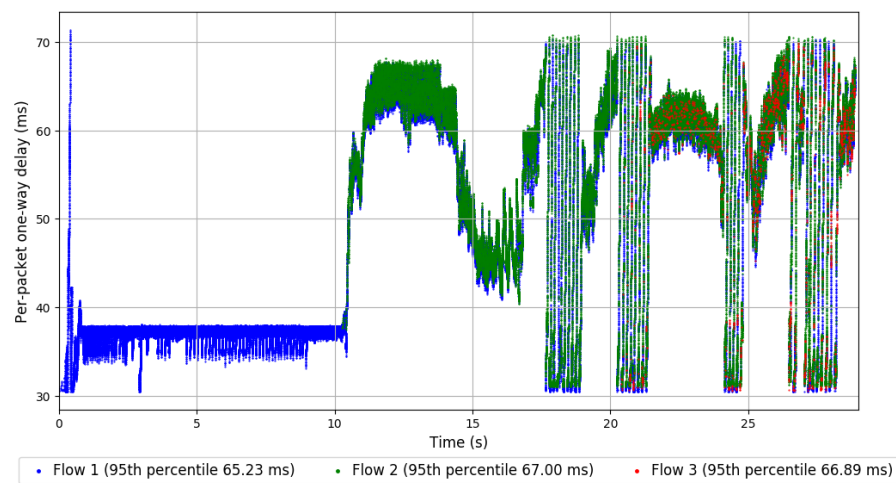
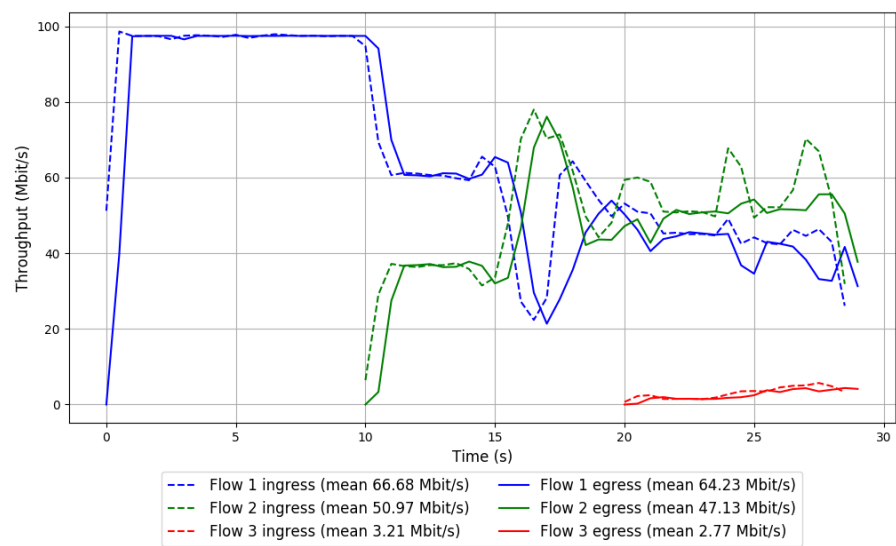


Run 1: Statistics of Indigo-MusesT

Start at: 2019-11-24 07:25:14
End at: 2019-11-24 07:25:44
Local clock offset: 5.739 ms
Remote clock offset: -4.496 ms

Below is generated by plot.py at 2019-11-24 09:53:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.48 Mbit/s
95th percentile per-packet one-way delay: 65.995 ms
Loss rate: 4.90%
-- Flow 1:
Average throughput: 64.23 Mbit/s
95th percentile per-packet one-way delay: 65.231 ms
Loss rate: 3.55%
-- Flow 2:
Average throughput: 47.13 Mbit/s
95th percentile per-packet one-way delay: 67.003 ms
Loss rate: 7.38%
-- Flow 3:
Average throughput: 2.77 Mbit/s
95th percentile per-packet one-way delay: 66.895 ms
Loss rate: 13.44%

Run 1: Report of Indigo-MusesT — Data Link

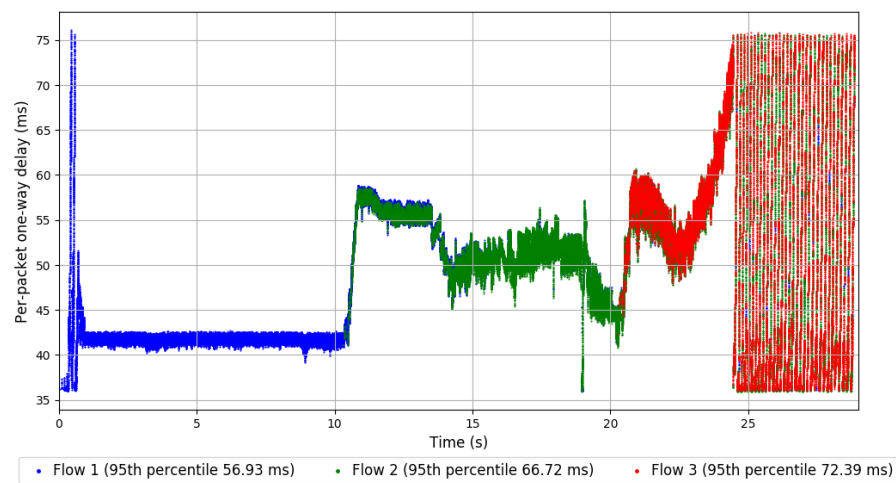
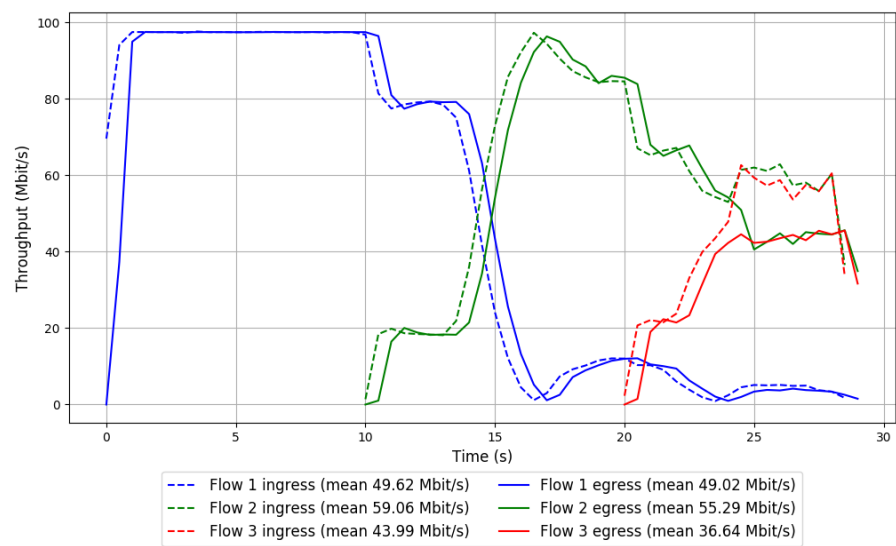


Run 2: Statistics of Indigo-MusesT

Start at: 2019-11-24 07:54:49
End at: 2019-11-24 07:55:19
Local clock offset: 2.365 ms
Remote clock offset: -2.552 ms

Below is generated by plot.py at 2019-11-24 09:53:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.53 Mbit/s
95th percentile per-packet one-way delay: 64.199 ms
Loss rate: 5.12%
-- Flow 1:
Average throughput: 49.02 Mbit/s
95th percentile per-packet one-way delay: 56.927 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 55.29 Mbit/s
95th percentile per-packet one-way delay: 66.720 ms
Loss rate: 6.34%
-- Flow 3:
Average throughput: 36.64 Mbit/s
95th percentile per-packet one-way delay: 72.389 ms
Loss rate: 16.64%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-11-24 08:26:16

End at: 2019-11-24 08:26:46

Local clock offset: 6.947 ms

Remote clock offset: -6.65 ms

Below is generated by plot.py at 2019-11-24 09:53:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.74 Mbit/s

95th percentile per-packet one-way delay: 61.942 ms

Loss rate: 13.14%

-- Flow 1:

Average throughput: 44.26 Mbit/s

95th percentile per-packet one-way delay: 53.798 ms

Loss rate: 2.66%

-- Flow 2:

Average throughput: 59.24 Mbit/s

95th percentile per-packet one-way delay: 63.538 ms

Loss rate: 16.54%

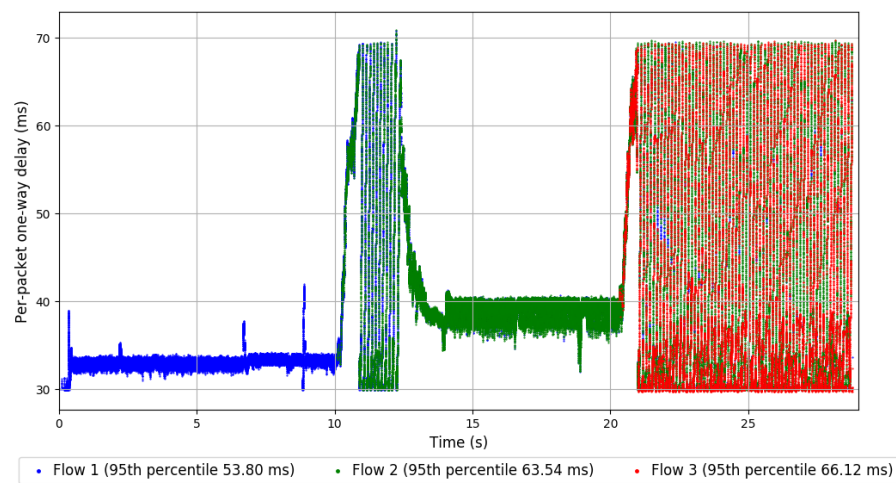
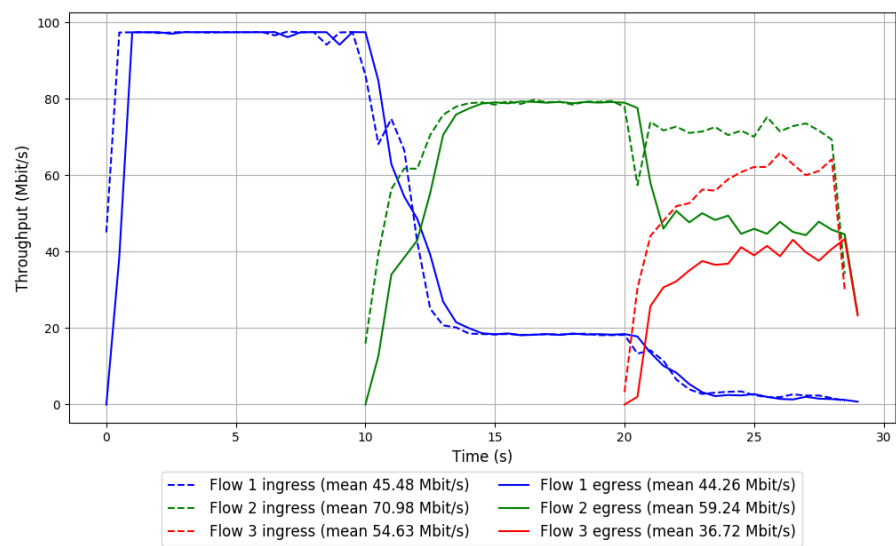
-- Flow 3:

Average throughput: 36.72 Mbit/s

95th percentile per-packet one-way delay: 66.119 ms

Loss rate: 32.85%

Run 3: Report of Indigo-MusesT — Data Link

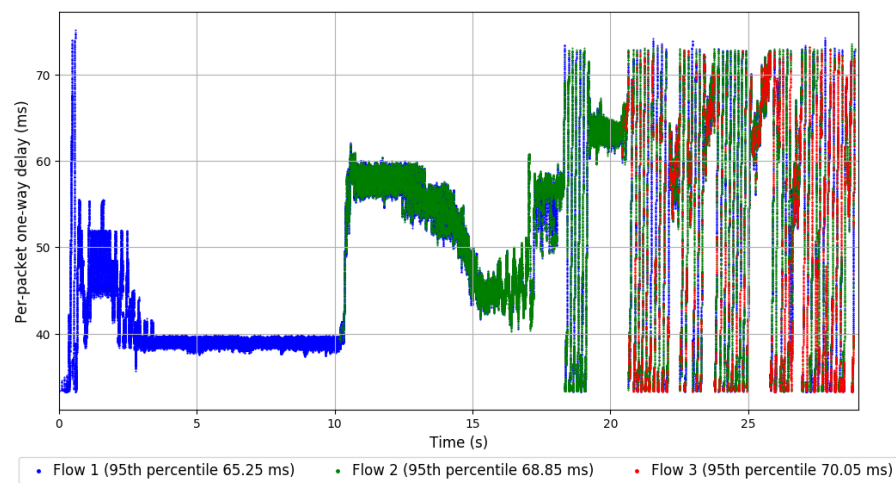
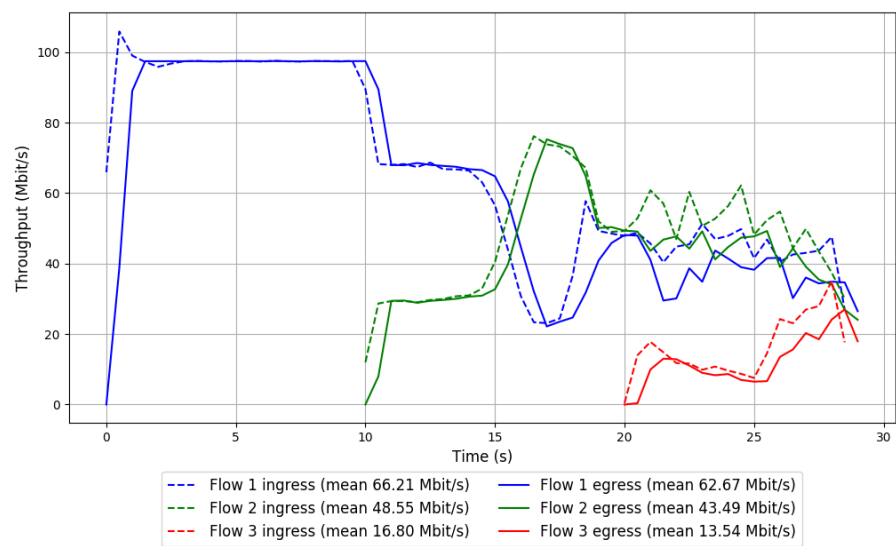


Run 4: Statistics of Indigo-MusesT

Start at: 2019-11-24 08:56:10
End at: 2019-11-24 08:56:40
Local clock offset: 3.648 ms
Remote clock offset: -5.637 ms

Below is generated by plot.py at 2019-11-24 09:53:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 67.233 ms
Loss rate: 7.53%
-- Flow 1:
Average throughput: 62.67 Mbit/s
95th percentile per-packet one-way delay: 65.252 ms
Loss rate: 5.27%
-- Flow 2:
Average throughput: 43.49 Mbit/s
95th percentile per-packet one-way delay: 68.854 ms
Loss rate: 10.37%
-- Flow 3:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 70.049 ms
Loss rate: 19.55%

Run 4: Report of Indigo-MusesT — Data Link

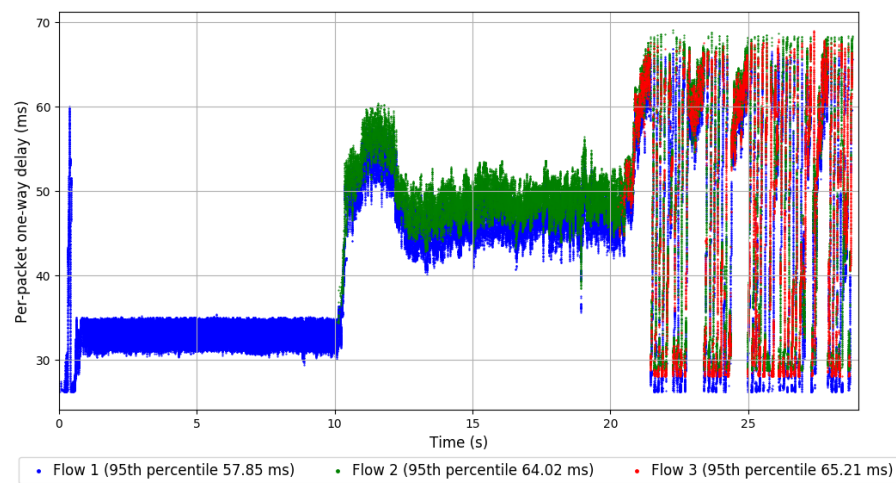
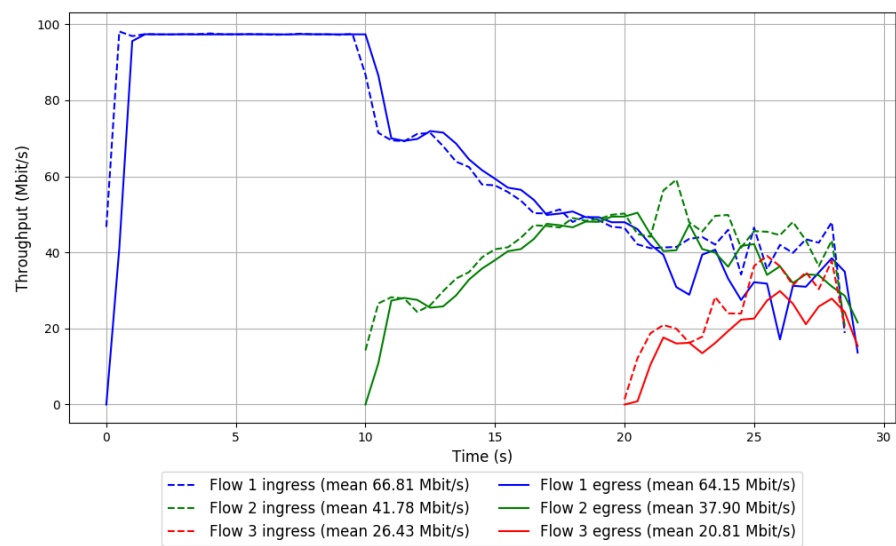


Run 5: Statistics of Indigo-MusesT

Start at: 2019-11-24 09:25:20
End at: 2019-11-24 09:25:50
Local clock offset: 5.985 ms
Remote clock offset: -5.156 ms

Below is generated by plot.py at 2019-11-24 09:53:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 61.899 ms
Loss rate: 6.72%
-- Flow 1:
Average throughput: 64.15 Mbit/s
95th percentile per-packet one-way delay: 57.854 ms
Loss rate: 3.95%
-- Flow 2:
Average throughput: 37.90 Mbit/s
95th percentile per-packet one-way delay: 64.015 ms
Loss rate: 9.26%
-- Flow 3:
Average throughput: 20.81 Mbit/s
95th percentile per-packet one-way delay: 65.206 ms
Loss rate: 21.50%

Run 5: Report of Indigo-MusesT — Data Link

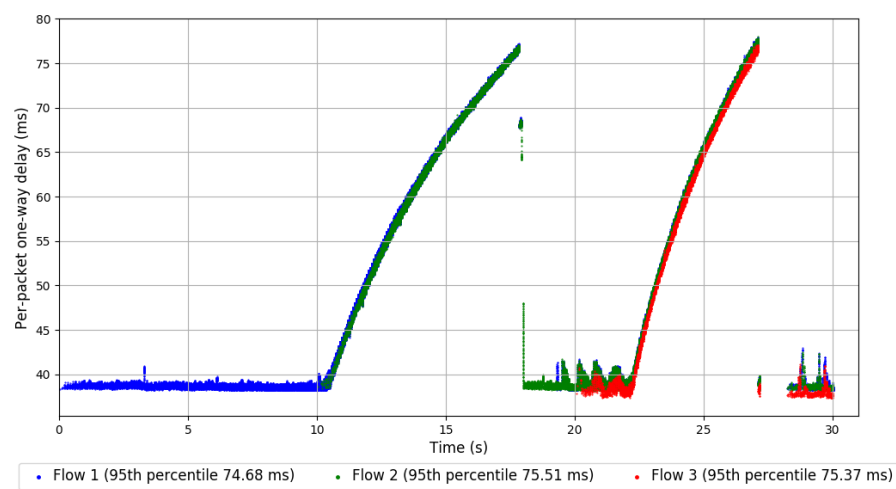
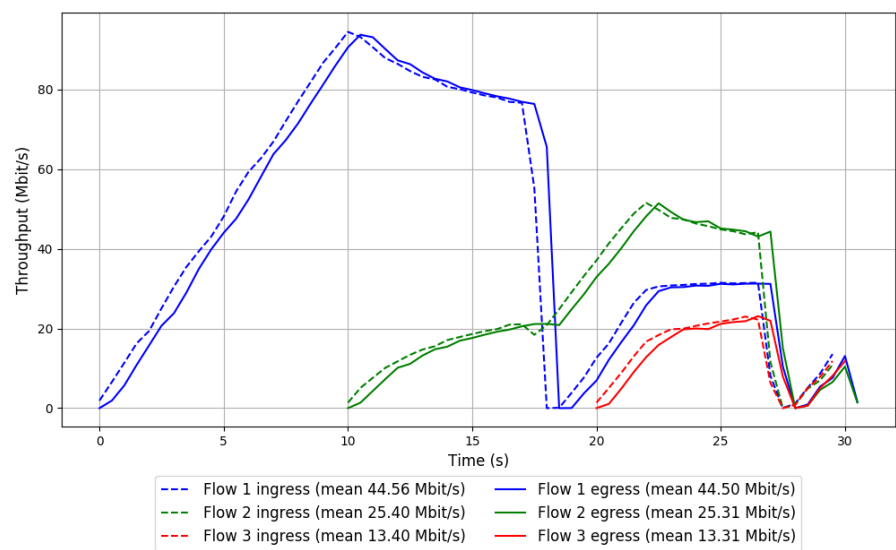


```
Run 1: Statistics of LEDBAT

Start at: 2019-11-24 07:43:20
End at: 2019-11-24 07:43:50
Local clock offset: 1.662 ms
Remote clock offset: -2.44 ms

# Below is generated by plot.py at 2019-11-24 09:53:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.76 Mbit/s
95th percentile per-packet one-way delay: 74.972 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 44.50 Mbit/s
95th percentile per-packet one-way delay: 74.679 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 25.31 Mbit/s
95th percentile per-packet one-way delay: 75.507 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 13.31 Mbit/s
95th percentile per-packet one-way delay: 75.368 ms
Loss rate: 0.70%
```

Run 1: Report of LEDBAT — Data Link

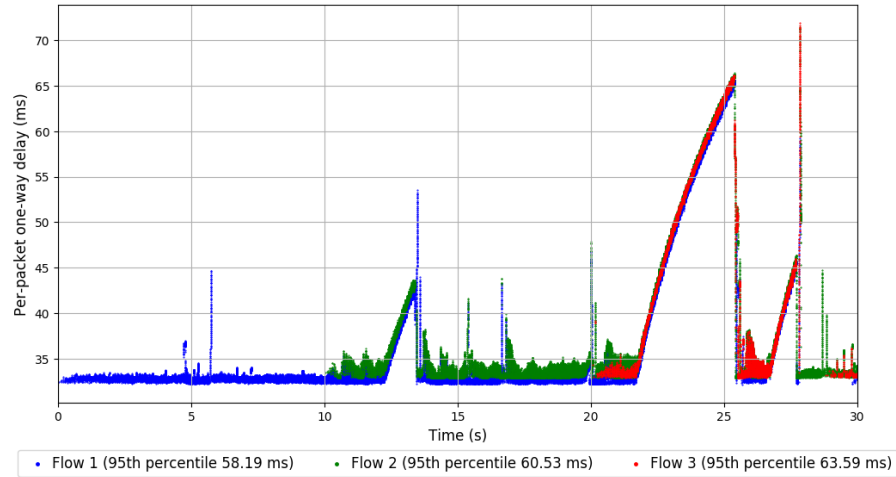
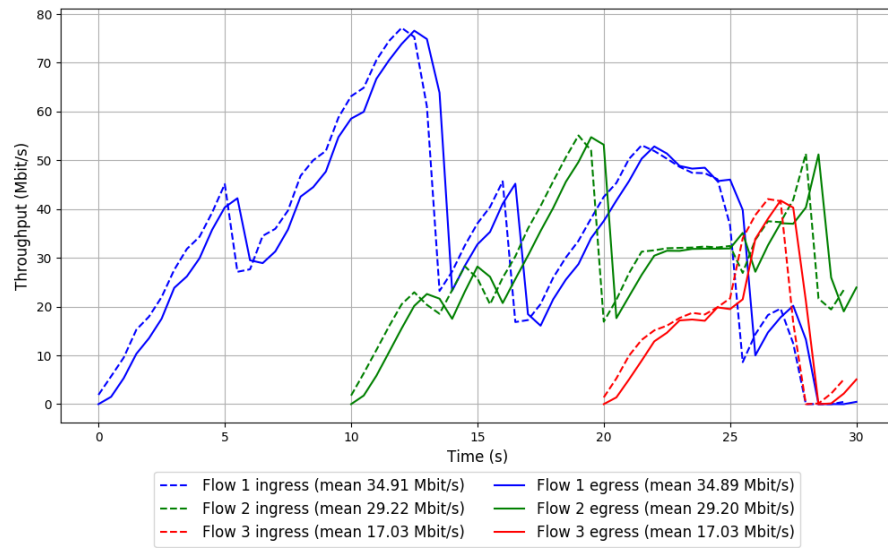


Run 2: Statistics of LEDBAT

Start at: 2019-11-24 08:14:35
End at: 2019-11-24 08:15:05
Local clock offset: 5.019 ms
Remote clock offset: -2.843 ms

Below is generated by plot.py at 2019-11-24 09:53:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.96 Mbit/s
95th percentile per-packet one-way delay: 60.135 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 34.89 Mbit/s
95th percentile per-packet one-way delay: 58.193 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 29.20 Mbit/s
95th percentile per-packet one-way delay: 60.529 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 17.03 Mbit/s
95th percentile per-packet one-way delay: 63.595 ms
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link

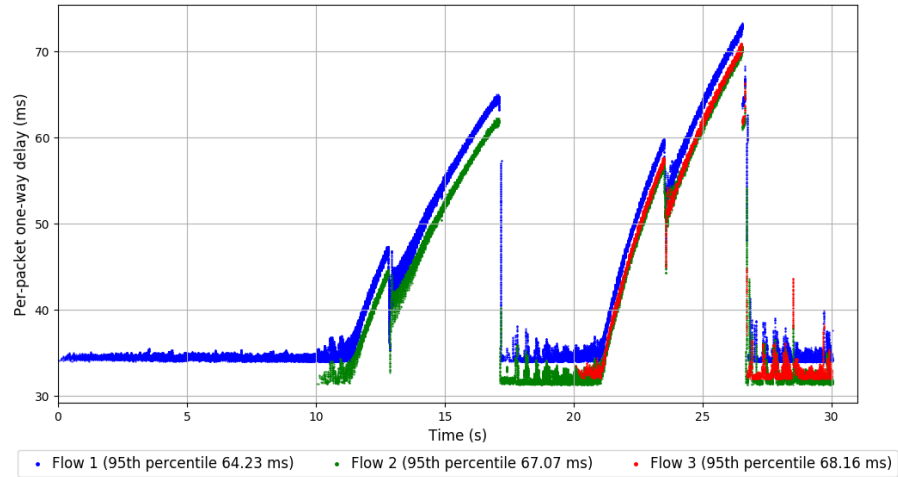
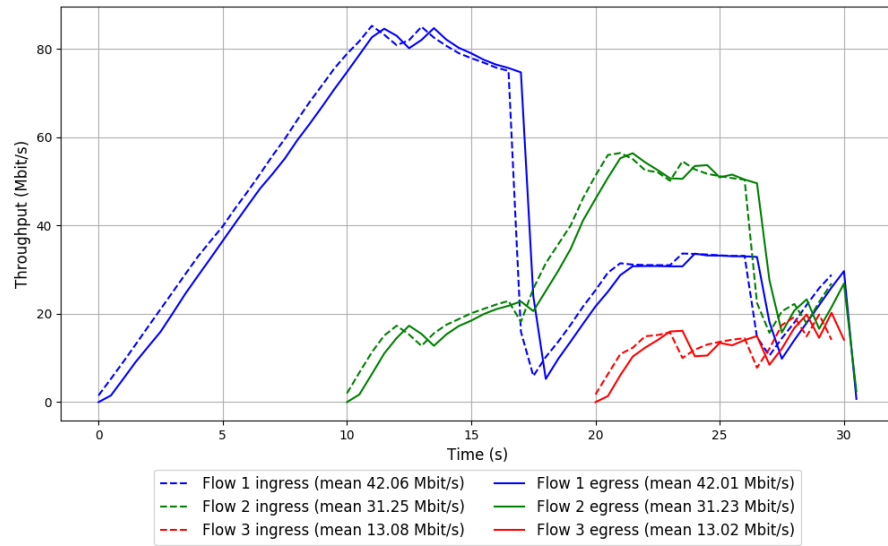


Run 3: Statistics of LEDBAT

Start at: 2019-11-24 08:45:02
End at: 2019-11-24 08:45:32
Local clock offset: 3.399 ms
Remote clock offset: -5.349 ms

Below is generated by plot.py at 2019-11-24 09:53:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.13 Mbit/s
95th percentile per-packet one-way delay: 65.614 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 42.01 Mbit/s
95th percentile per-packet one-way delay: 64.231 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 31.23 Mbit/s
95th percentile per-packet one-way delay: 67.072 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 68.164 ms
Loss rate: 0.47%

Run 3: Report of LEDBAT — Data Link

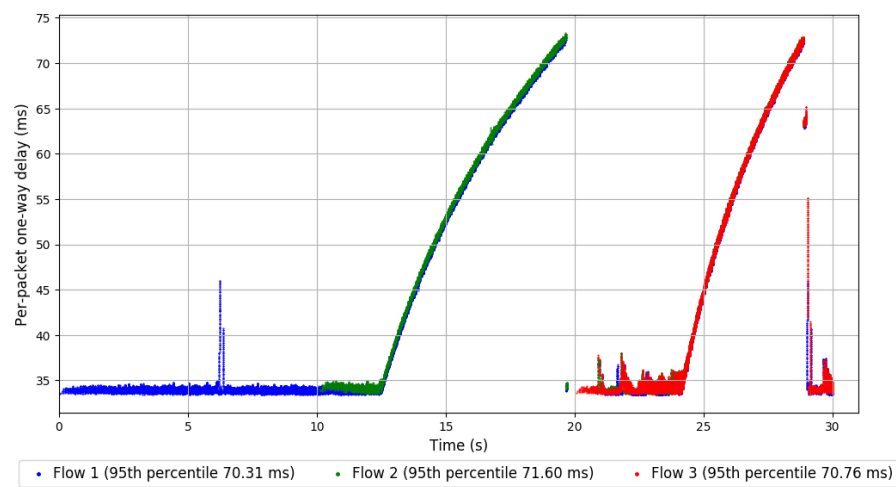
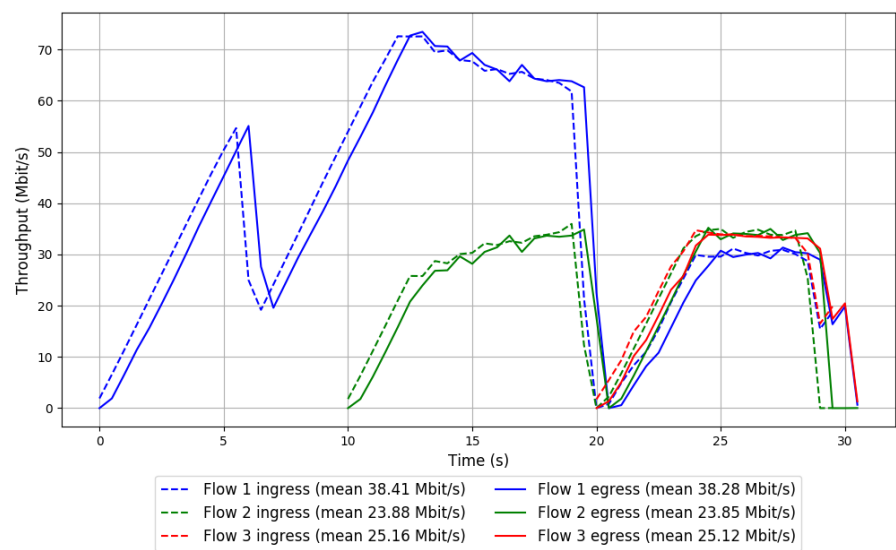


Run 4: Statistics of LEDBAT

Start at: 2019-11-24 09:14:26
End at: 2019-11-24 09:14:56
Local clock offset: 1.721 ms
Remote clock offset: -5.214 ms

Below is generated by plot.py at 2019-11-24 09:54:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.49 Mbit/s
95th percentile per-packet one-way delay: 70.789 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 38.28 Mbit/s
95th percentile per-packet one-way delay: 70.315 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 71.603 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 25.12 Mbit/s
95th percentile per-packet one-way delay: 70.761 ms
Loss rate: 0.17%

Run 4: Report of LEDBAT — Data Link

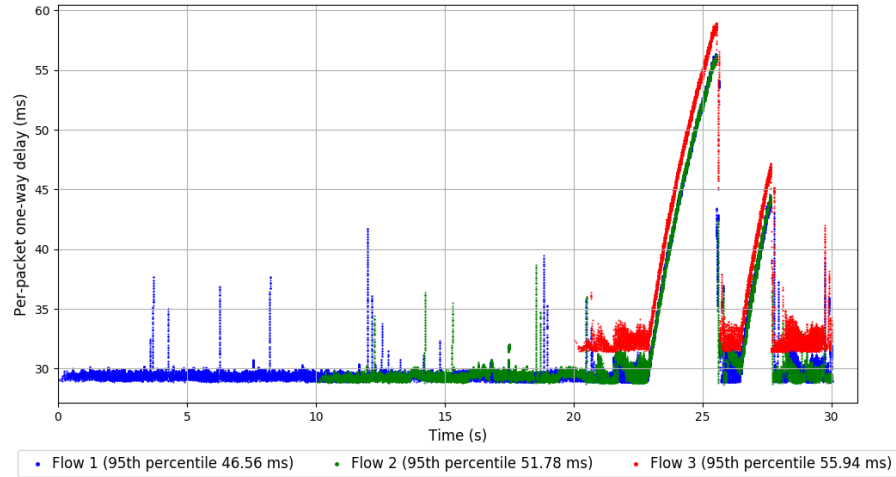
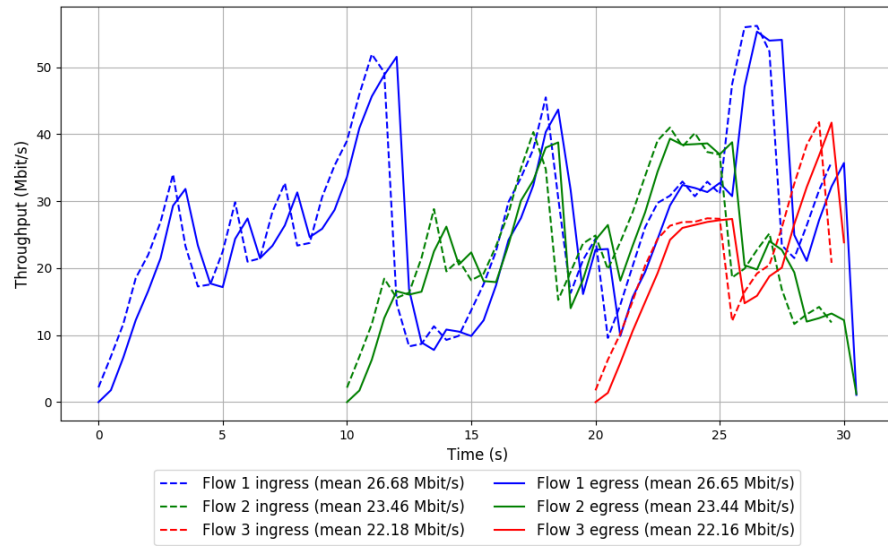


Run 5: Statistics of LEDBAT

Start at: 2019-11-24 09:43:48
End at: 2019-11-24 09:44:18
Local clock offset: 5.298 ms
Remote clock offset: -2.552 ms

Below is generated by plot.py at 2019-11-24 09:54:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.61 Mbit/s
95th percentile per-packet one-way delay: 51.434 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 26.65 Mbit/s
95th percentile per-packet one-way delay: 46.558 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 51.782 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 55.941 ms
Loss rate: 0.06%

Run 5: Report of LEDBAT — Data Link

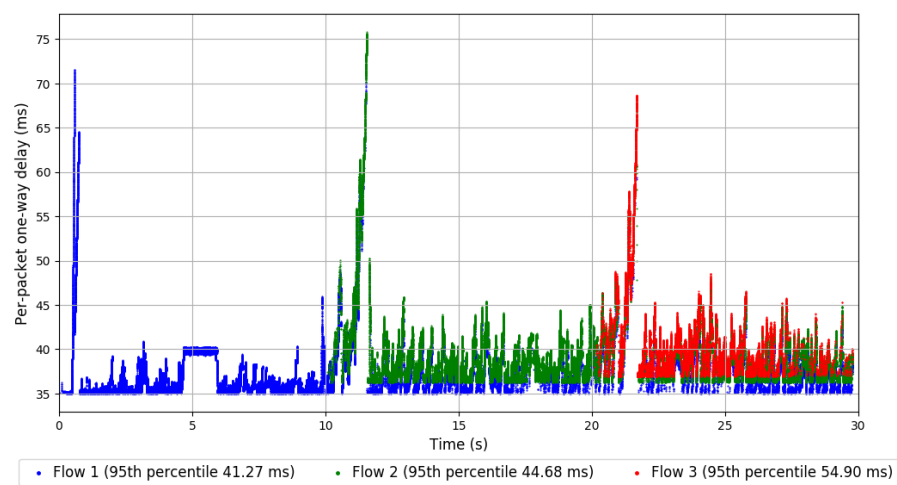
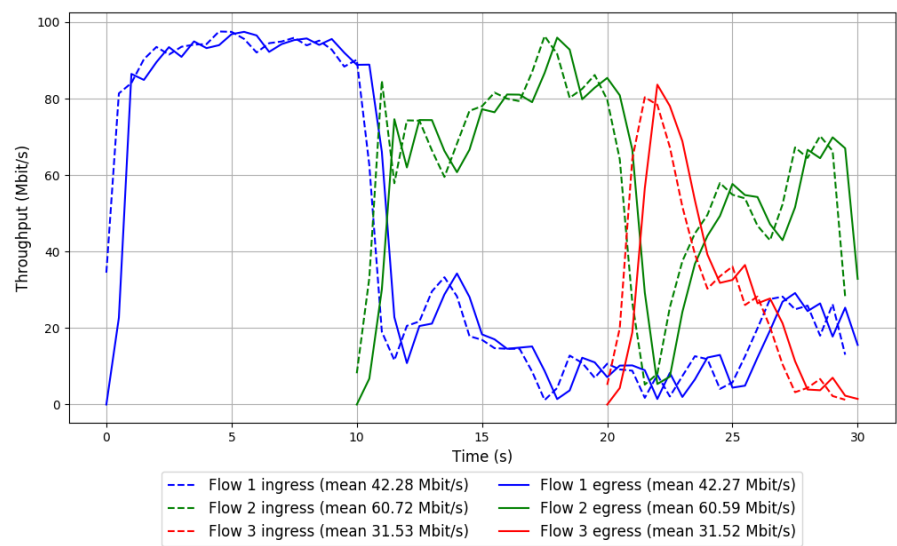


Run 1: Statistics of Muses_DecisionTree

Start at: 2019-11-24 07:37:09
End at: 2019-11-24 07:37:39
Local clock offset: 0.581 ms
Remote clock offset: -4.774 ms

Below is generated by plot.py at 2019-11-24 09:54:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 44.817 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 42.27 Mbit/s
95th percentile per-packet one-way delay: 41.273 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.59 Mbit/s
95th percentile per-packet one-way delay: 44.684 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.52 Mbit/s
95th percentile per-packet one-way delay: 54.899 ms
Loss rate: 0.00%

Run 1: Report of Muses_DecisionTree — Data Link

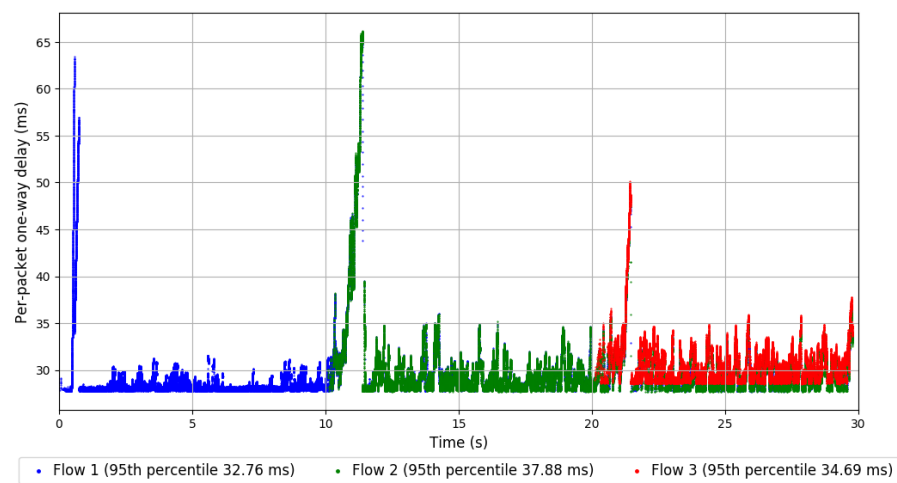
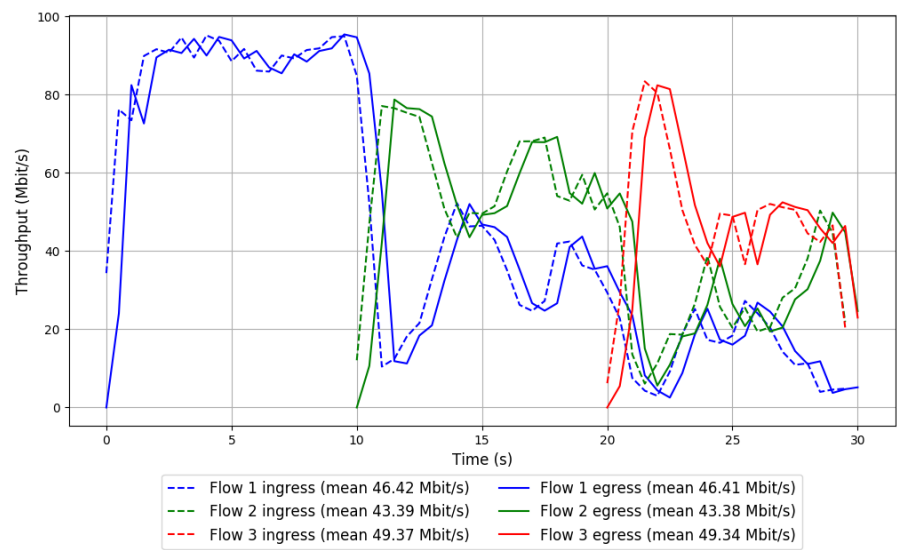


Run 2: Statistics of Muses_DecisionTree

Start at: 2019-11-24 08:08:06
End at: 2019-11-24 08:08:36
Local clock offset: 5.709 ms
Remote clock offset: -6.661 ms

Below is generated by plot.py at 2019-11-24 09:54:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.24 Mbit/s
95th percentile per-packet one-way delay: 34.227 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 46.41 Mbit/s
95th percentile per-packet one-way delay: 32.763 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 43.38 Mbit/s
95th percentile per-packet one-way delay: 37.880 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 49.34 Mbit/s
95th percentile per-packet one-way delay: 34.689 ms
Loss rate: 0.00%

Run 2: Report of Muses_DecisionTree — Data Link

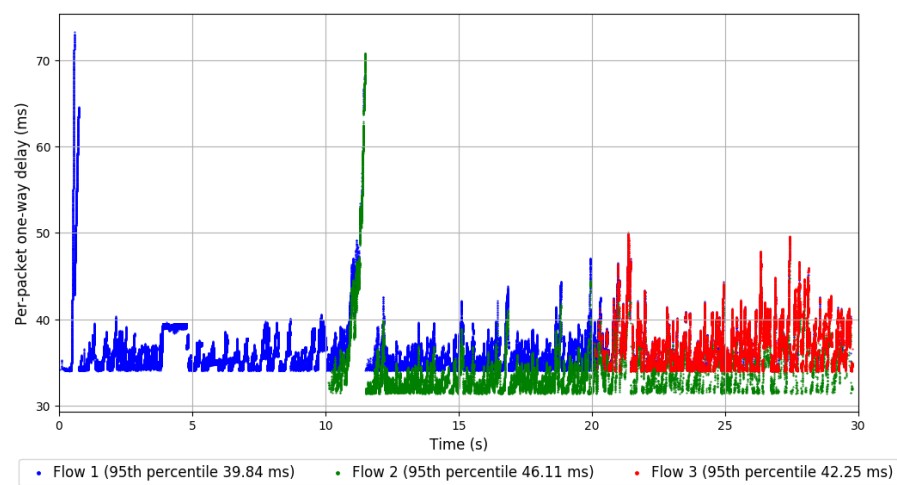
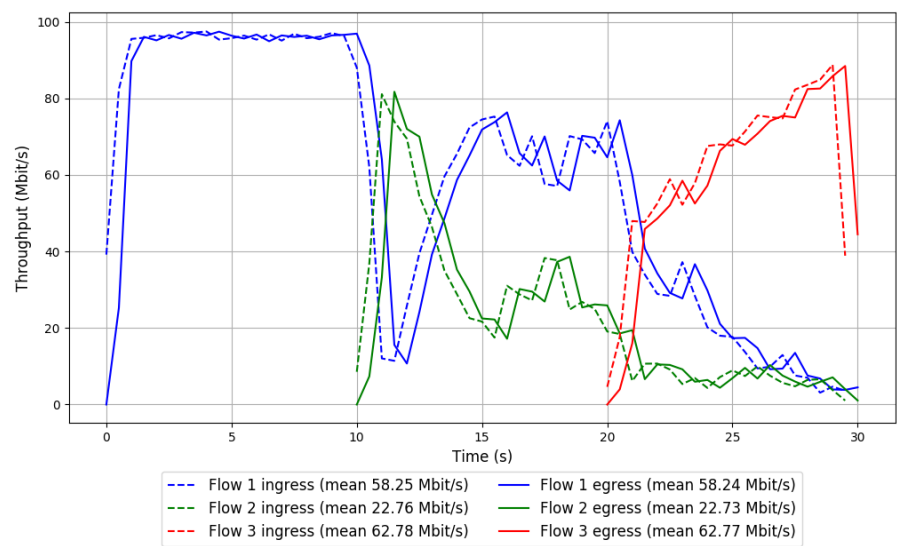


Run 3: Statistics of Muses_DecisionTree

Start at: 2019-11-24 08:38:49
End at: 2019-11-24 08:39:19
Local clock offset: 2.166 ms
Remote clock offset: -6.709 ms

Below is generated by plot.py at 2019-11-24 09:54:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.75 Mbit/s
95th percentile per-packet one-way delay: 41.572 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 58.24 Mbit/s
95th percentile per-packet one-way delay: 39.840 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 22.73 Mbit/s
95th percentile per-packet one-way delay: 46.110 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 42.248 ms
Loss rate: 0.03%

Run 3: Report of Muses_DecisionTree — Data Link

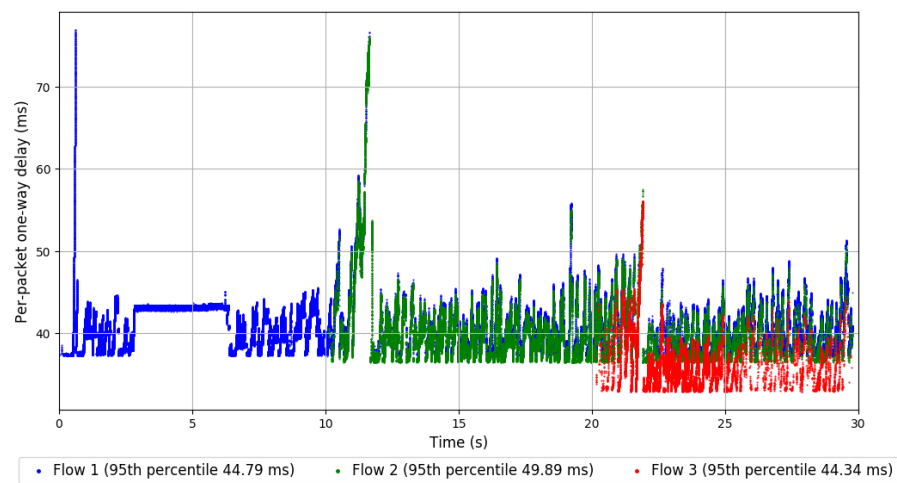
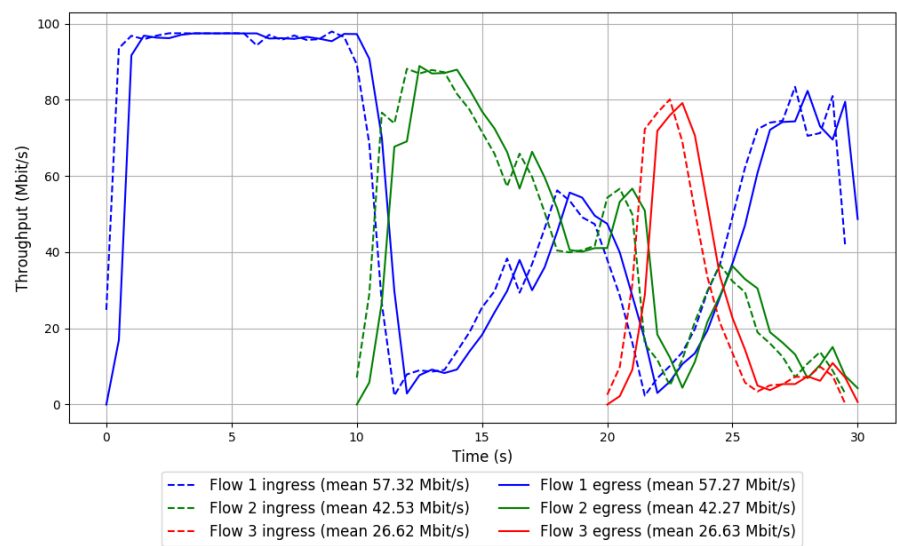


Run 4: Statistics of Muses_DecisionTree

Start at: 2019-11-24 09:08:25
End at: 2019-11-24 09:08:55
Local clock offset: 1.888 ms
Remote clock offset: -4.025 ms

Below is generated by plot.py at 2019-11-24 09:54:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 45.683 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 57.27 Mbit/s
95th percentile per-packet one-way delay: 44.786 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 42.27 Mbit/s
95th percentile per-packet one-way delay: 49.886 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 44.345 ms
Loss rate: 0.00%

Run 4: Report of Muses_DecisionTree — Data Link

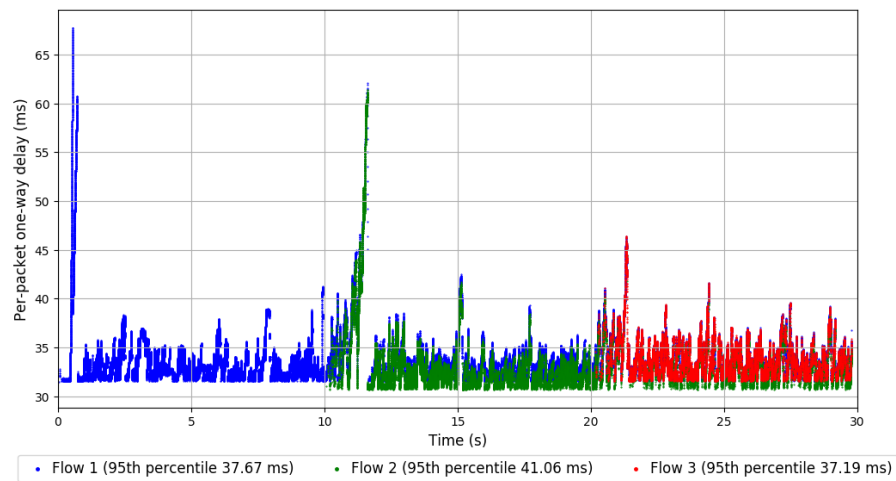
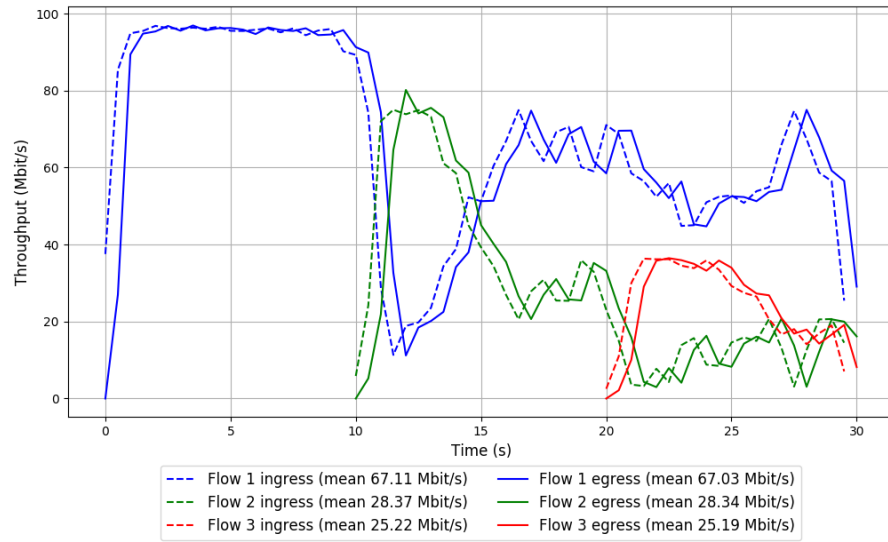


Run 5: Statistics of Muses_DecisionTree

Start at: 2019-11-24 09:37:31
End at: 2019-11-24 09:38:01
Local clock offset: 6.535 ms
Remote clock offset: -1.593 ms

Below is generated by plot.py at 2019-11-24 09:54:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 38.025 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 67.03 Mbit/s
95th percentile per-packet one-way delay: 37.674 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 28.34 Mbit/s
95th percentile per-packet one-way delay: 41.064 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 25.19 Mbit/s
95th percentile per-packet one-way delay: 37.189 ms
Loss rate: 0.12%

Run 5: Report of Muses_DecisionTree — Data Link

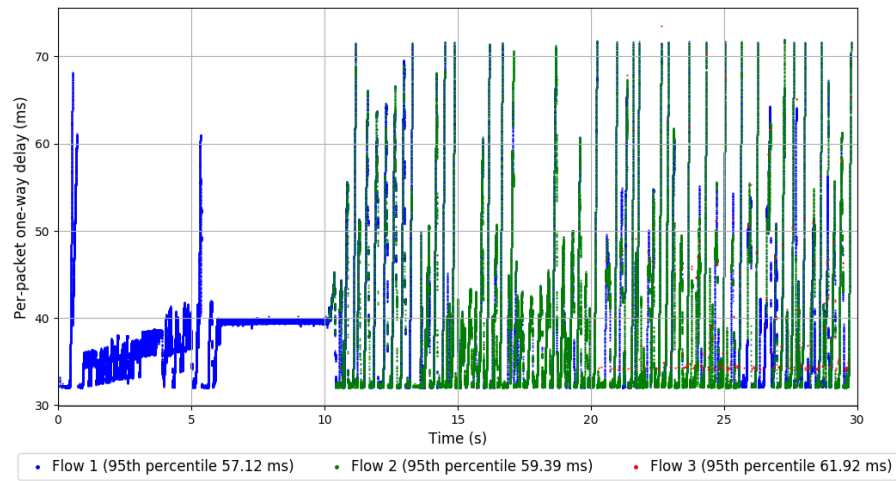
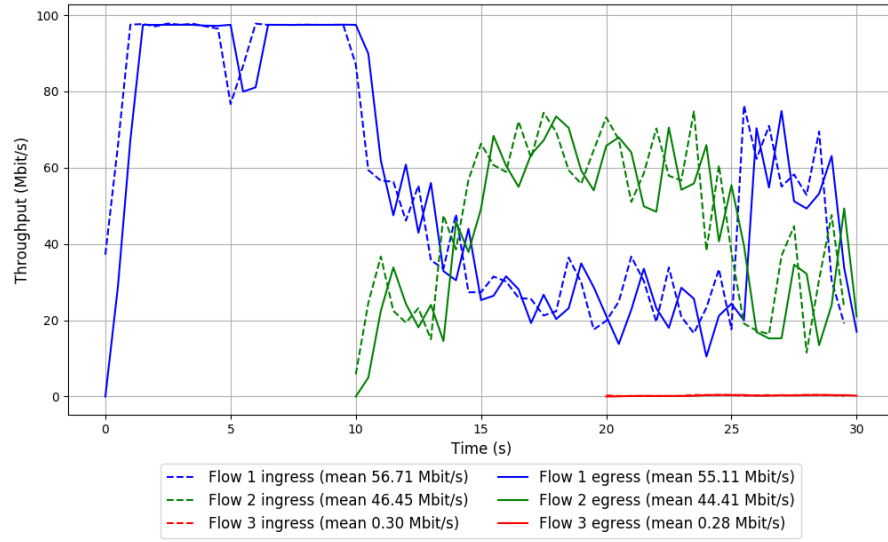


Run 1: Statistics of Muses_DecisionTreeH0

Start at: 2019-11-24 07:15:18
End at: 2019-11-24 07:15:48
Local clock offset: 1.746 ms
Remote clock offset: -5.768 ms

Below is generated by plot.py at 2019-11-24 09:54:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.58 Mbit/s
95th percentile per-packet one-way delay: 58.056 ms
Loss rate: 3.35%
-- Flow 1:
Average throughput: 55.11 Mbit/s
95th percentile per-packet one-way delay: 57.115 ms
Loss rate: 2.76%
-- Flow 2:
Average throughput: 44.41 Mbit/s
95th percentile per-packet one-way delay: 59.393 ms
Loss rate: 4.42%
-- Flow 3:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 61.916 ms
Loss rate: 6.45%

Run 1: Report of Muses_DecisionTreeH0 — Data Link



Run 2: Statistics of Muses_DecisionTreeH0

Start at: 2019-11-24 07:44:35

End at: 2019-11-24 07:45:05

Local clock offset: 5.258 ms

Remote clock offset: -6.98 ms

Below is generated by plot.py at 2019-11-24 09:55:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.34 Mbit/s

95th percentile per-packet one-way delay: 55.068 ms

Loss rate: 3.05%

-- Flow 1:

Average throughput: 53.20 Mbit/s

95th percentile per-packet one-way delay: 54.323 ms

Loss rate: 2.40%

-- Flow 2:

Average throughput: 33.13 Mbit/s

95th percentile per-packet one-way delay: 57.545 ms

Loss rate: 3.96%

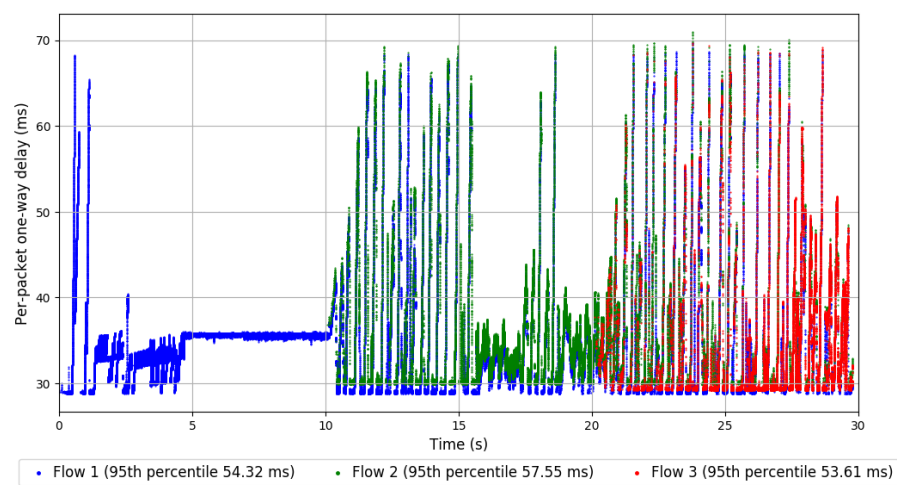
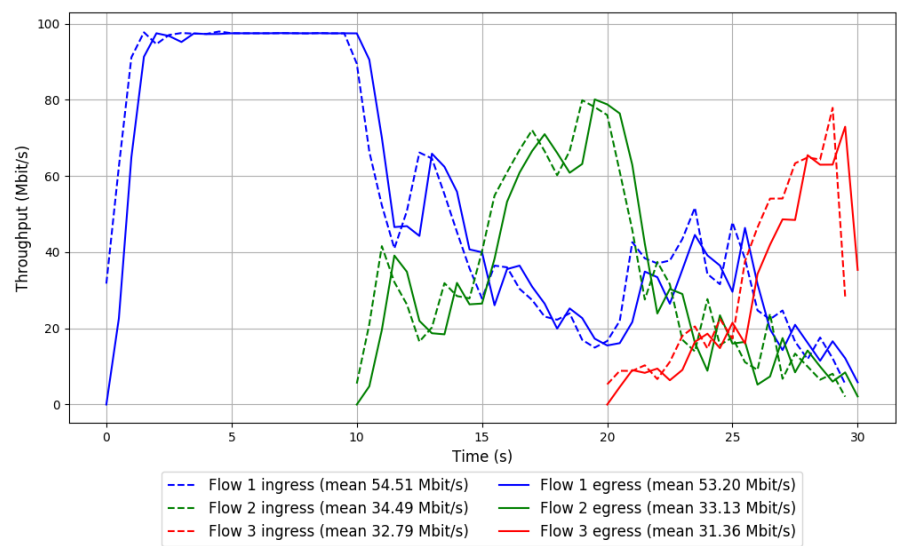
-- Flow 3:

Average throughput: 31.36 Mbit/s

95th percentile per-packet one-way delay: 53.607 ms

Loss rate: 4.42%

Run 2: Report of Muses_DecisionTreeH0 — Data Link

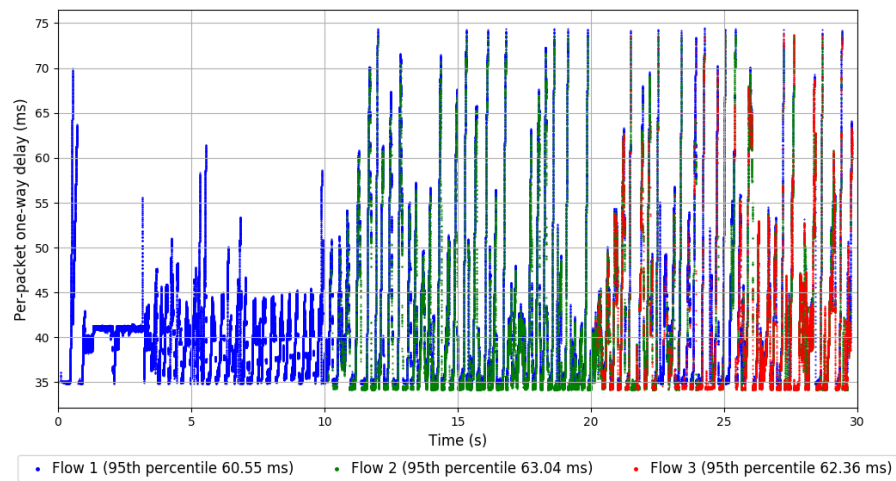
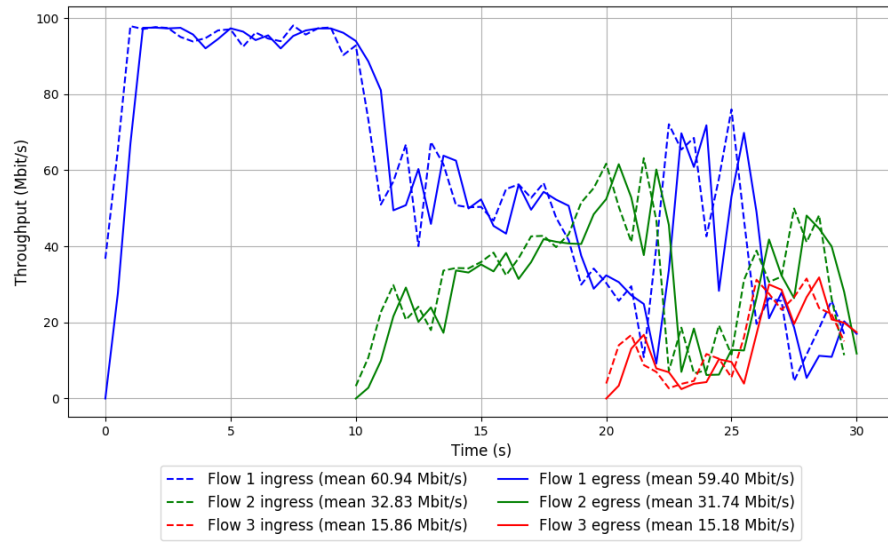


Run 3: Statistics of Muses_DecisionTreeH0

Start at: 2019-11-24 08:15:50
End at: 2019-11-24 08:16:20
Local clock offset: 3.724 ms
Remote clock offset: -2.307 ms

Below is generated by plot.py at 2019-11-24 09:55:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.38 Mbit/s
95th percentile per-packet one-way delay: 61.553 ms
Loss rate: 2.72%
-- Flow 1:
Average throughput: 59.40 Mbit/s
95th percentile per-packet one-way delay: 60.549 ms
Loss rate: 2.43%
-- Flow 2:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 63.037 ms
Loss rate: 3.23%
-- Flow 3:
Average throughput: 15.18 Mbit/s
95th percentile per-packet one-way delay: 62.364 ms
Loss rate: 4.04%

Run 3: Report of Muses_DecisionTreeH0 — Data Link

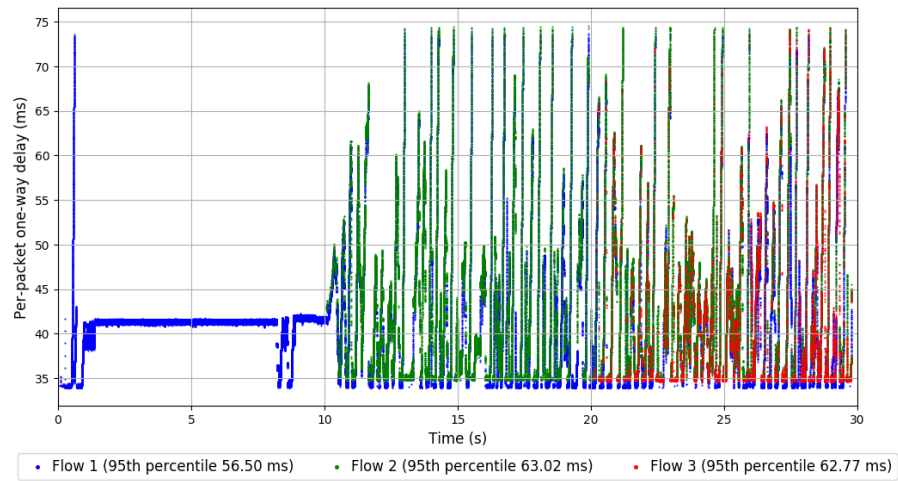
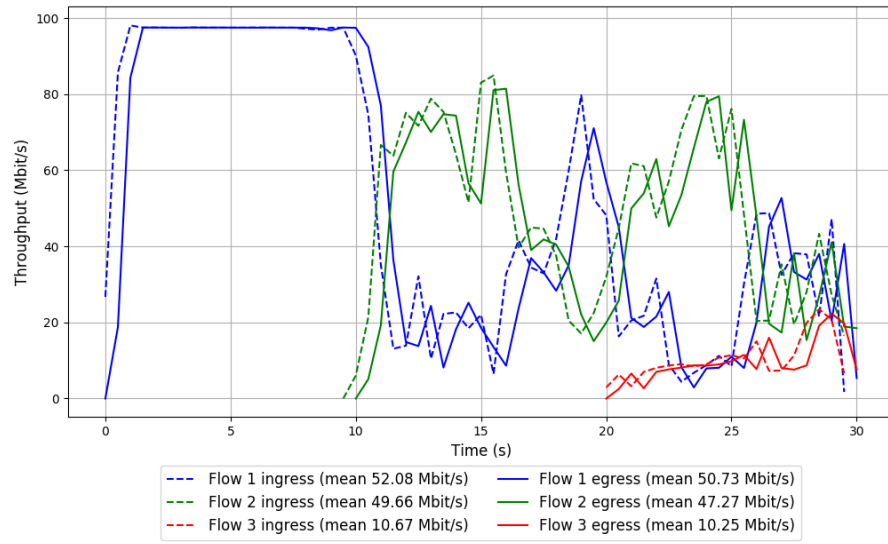


Run 4: Statistics of Muses_DecisionTreeH0

Start at: 2019-11-24 08:46:17
End at: 2019-11-24 08:46:47
Local clock offset: 2.898 ms
Remote clock offset: -5.772 ms

Below is generated by plot.py at 2019-11-24 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.44 Mbit/s
95th percentile per-packet one-way delay: 60.309 ms
Loss rate: 3.45%
-- Flow 1:
Average throughput: 50.73 Mbit/s
95th percentile per-packet one-way delay: 56.502 ms
Loss rate: 2.56%
-- Flow 2:
Average throughput: 47.27 Mbit/s
95th percentile per-packet one-way delay: 63.016 ms
Loss rate: 4.82%
-- Flow 3:
Average throughput: 10.25 Mbit/s
95th percentile per-packet one-way delay: 62.772 ms
Loss rate: 3.90%

Run 4: Report of Muses_DecisionTreeH0 — Data Link

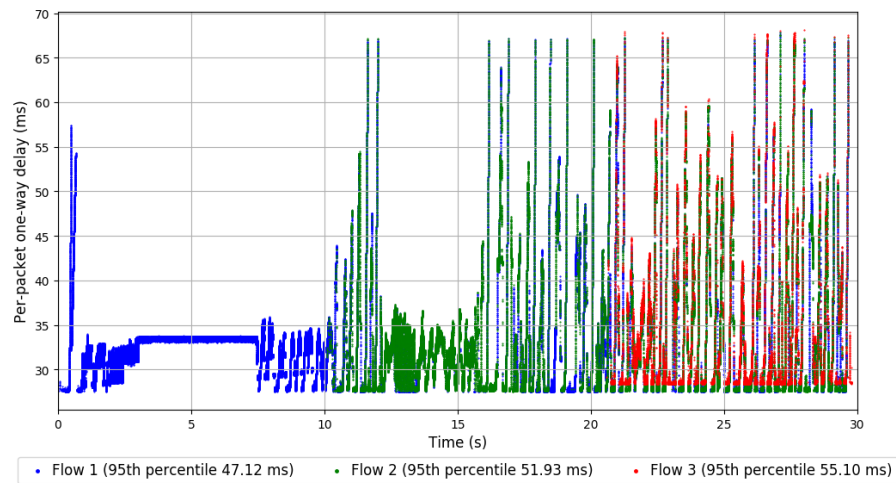
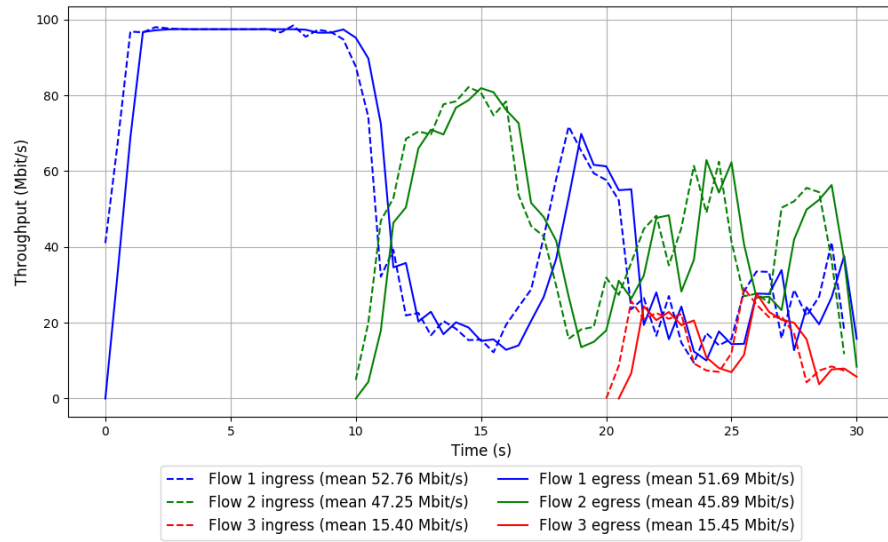


Run 5: Statistics of Muses_DecisionTreeH0

Start at: 2019-11-24 09:15:38
End at: 2019-11-24 09:16:08
Local clock offset: 5.132 ms
Remote clock offset: -5.127 ms

Below is generated by plot.py at 2019-11-24 09:55:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 50.089 ms
Loss rate: 2.45%
-- Flow 1:
Average throughput: 51.69 Mbit/s
95th percentile per-packet one-way delay: 47.115 ms
Loss rate: 2.01%
-- Flow 2:
Average throughput: 45.89 Mbit/s
95th percentile per-packet one-way delay: 51.931 ms
Loss rate: 2.82%
-- Flow 3:
Average throughput: 15.45 Mbit/s
95th percentile per-packet one-way delay: 55.103 ms
Loss rate: 4.86%

Run 5: Report of Muses_DecisionTreeH0 — Data Link

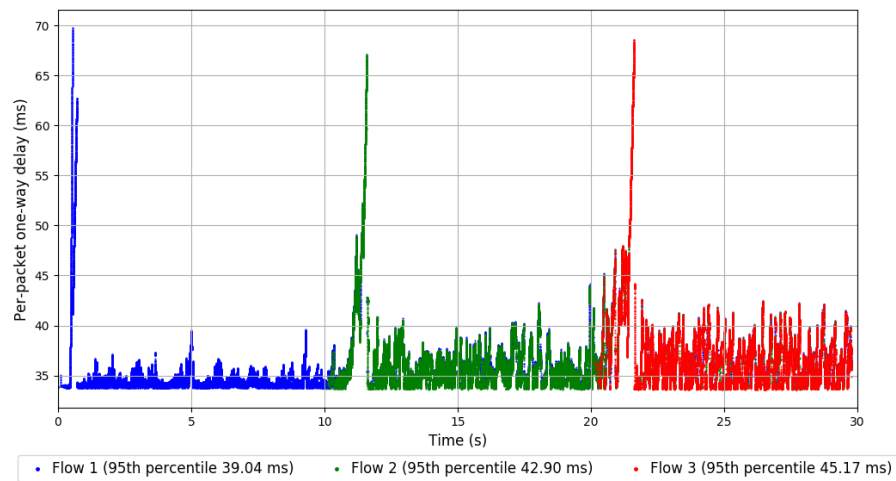
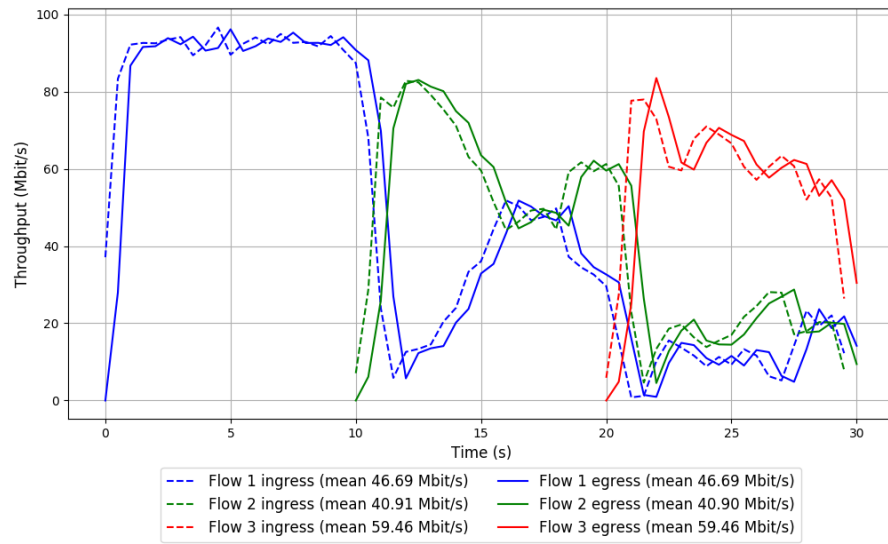


```
Run 1: Statistics of Muses\_DecisionTreeR0

Start at: 2019-11-24 07:39:29
End at: 2019-11-24 07:39:59
Local clock offset: 1.321 ms
Remote clock offset: -6.073 ms

# Below is generated by plot.py at 2019-11-24 09:55:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.06 Mbit/s
95th percentile per-packet one-way delay: 41.246 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 46.69 Mbit/s
95th percentile per-packet one-way delay: 39.041 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.90 Mbit/s
95th percentile per-packet one-way delay: 42.896 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 59.46 Mbit/s
95th percentile per-packet one-way delay: 45.171 ms
Loss rate: 0.02%
```

Run 1: Report of Muses_DecisionTreeR0 — Data Link

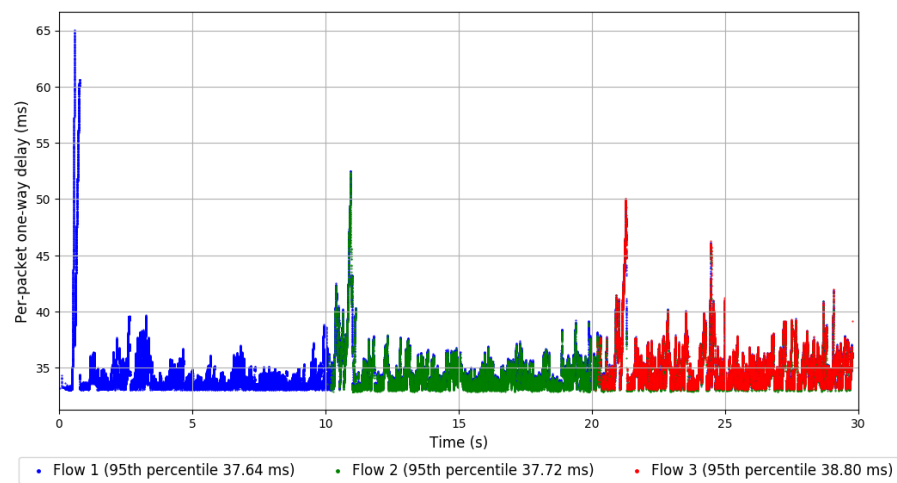
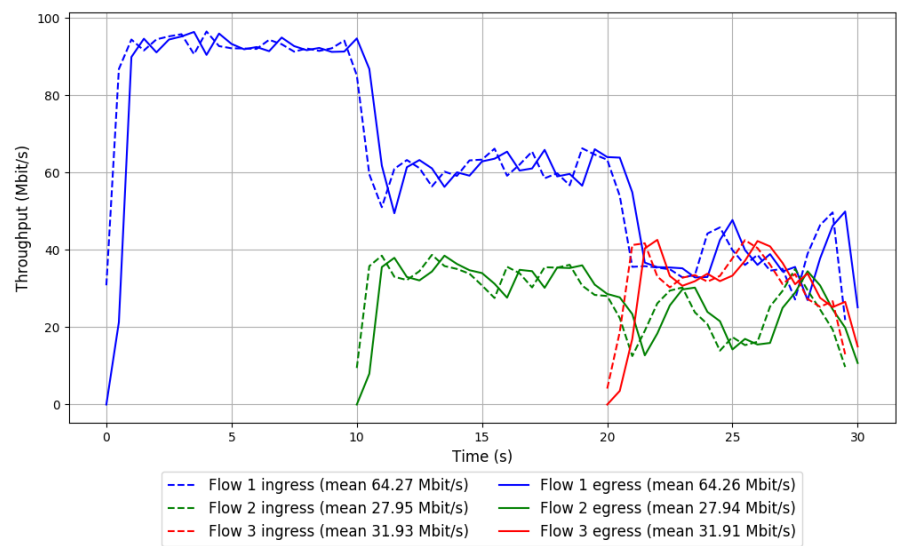


Run 2: Statistics of Muses_DecisionTreeR0

Start at: 2019-11-24 08:10:31
End at: 2019-11-24 08:11:01
Local clock offset: 2.21 ms
Remote clock offset: -5.631 ms

Below is generated by plot.py at 2019-11-24 09:56:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.09 Mbit/s
95th percentile per-packet one-way delay: 37.808 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 64.26 Mbit/s
95th percentile per-packet one-way delay: 37.636 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 27.94 Mbit/s
95th percentile per-packet one-way delay: 37.719 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 38.803 ms
Loss rate: 0.01%

Run 2: Report of Muses_DecisionTreeR0 — Data Link

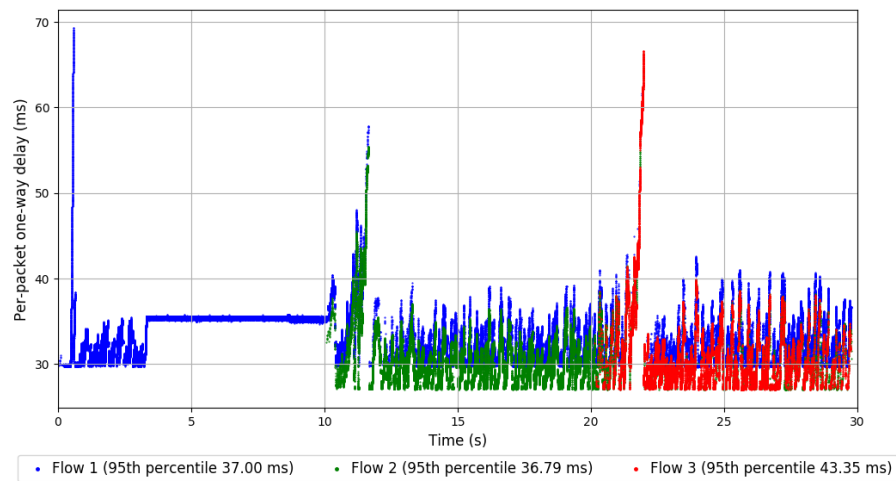
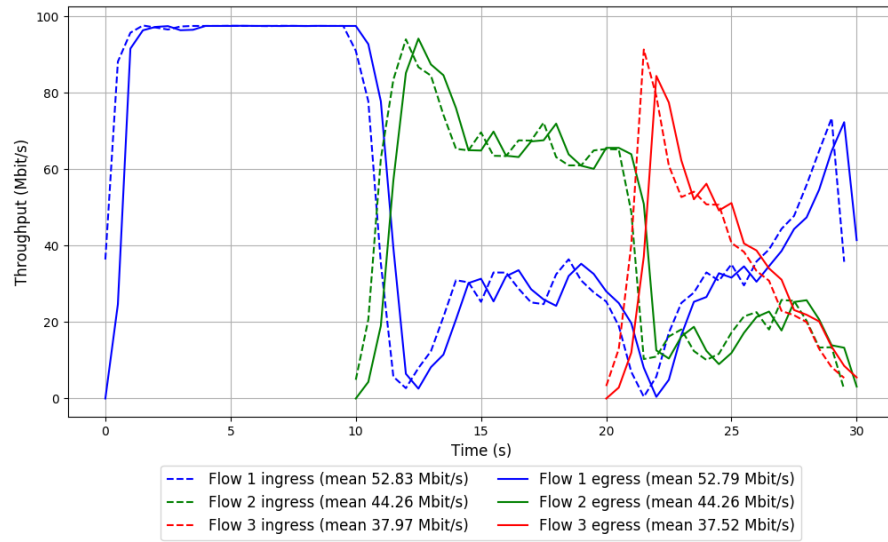


Run 3: Statistics of Muses_DecisionTreeR0

Start at: 2019-11-24 08:41:13
End at: 2019-11-24 08:41:43
Local clock offset: 6.907 ms
Remote clock offset: -6.893 ms

Below is generated by plot.py at 2019-11-24 09:56:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.26 Mbit/s
95th percentile per-packet one-way delay: 37.547 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 52.79 Mbit/s
95th percentile per-packet one-way delay: 36.998 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 44.26 Mbit/s
95th percentile per-packet one-way delay: 36.792 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.52 Mbit/s
95th percentile per-packet one-way delay: 43.347 ms
Loss rate: 1.18%

Run 3: Report of Muses_DecisionTreeR0 — Data Link

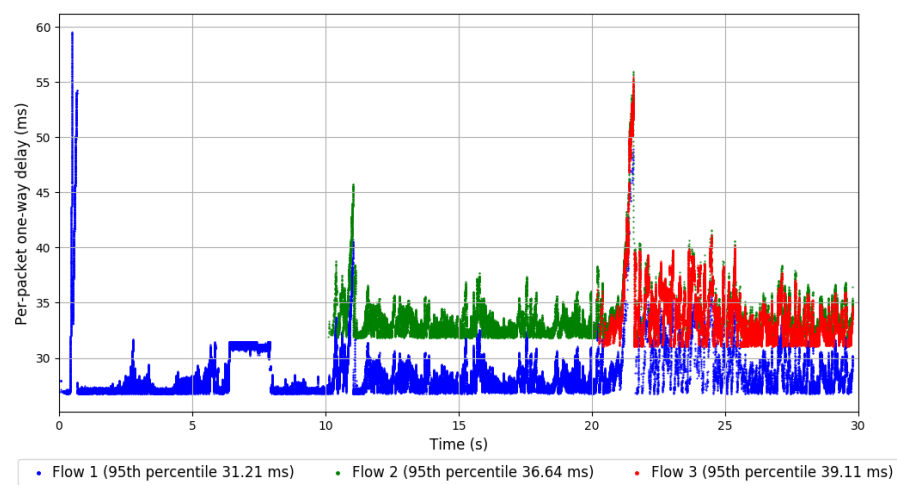
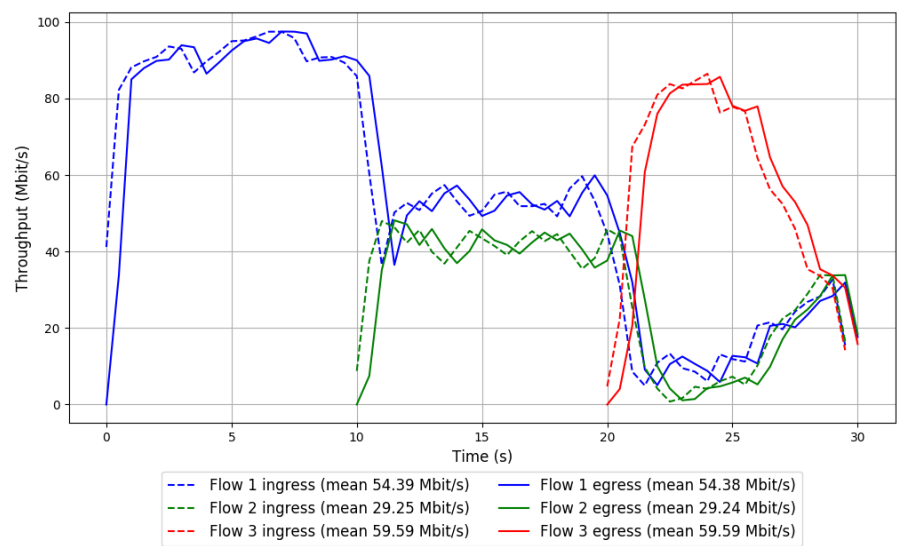


Run 4: Statistics of Muses_DecisionTreeR0

Start at: 2019-11-24 09:10:46
End at: 2019-11-24 09:11:16
Local clock offset: 5.794 ms
Remote clock offset: -5.493 ms

Below is generated by plot.py at 2019-11-24 09:56:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 36.510 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 54.38 Mbit/s
95th percentile per-packet one-way delay: 31.212 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.24 Mbit/s
95th percentile per-packet one-way delay: 36.636 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 59.59 Mbit/s
95th percentile per-packet one-way delay: 39.110 ms
Loss rate: 0.02%

Run 4: Report of Muses_DecisionTreeR0 — Data Link



Run 5: Statistics of Muses_DecisionTreeR0

Start at: 2019-11-24 09:39:58

End at: 2019-11-24 09:40:28

Local clock offset: 0.216 ms

Remote clock offset: -4.4 ms

Below is generated by plot.py at 2019-11-24 09:56:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.82 Mbit/s

95th percentile per-packet one-way delay: 42.089 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 48.19 Mbit/s

95th percentile per-packet one-way delay: 40.960 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 43.37 Mbit/s

95th percentile per-packet one-way delay: 45.705 ms

Loss rate: 0.15%

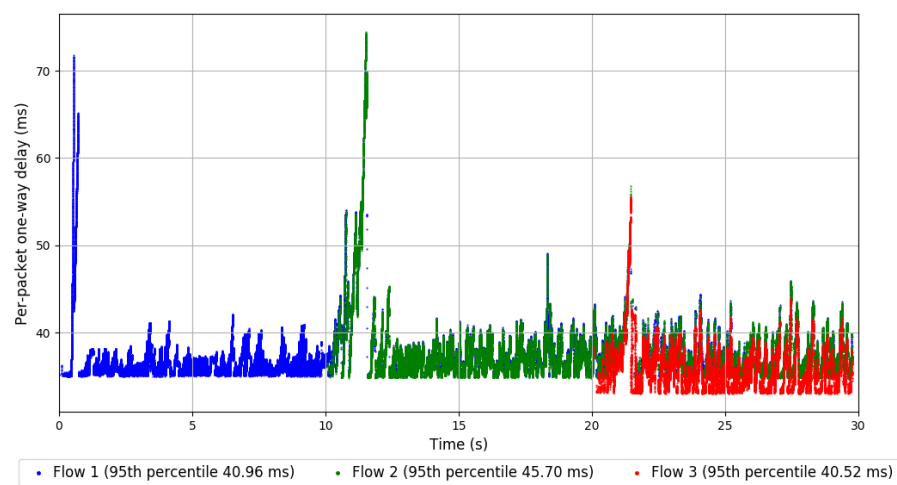
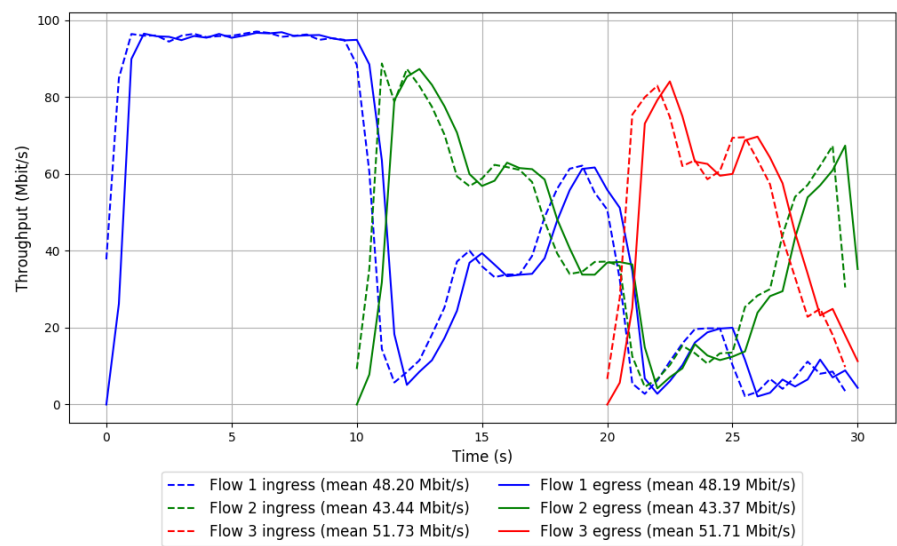
-- Flow 3:

Average throughput: 51.71 Mbit/s

95th percentile per-packet one-way delay: 40.520 ms

Loss rate: 0.05%

Run 5: Report of Muses_DecisionTreeR0 — Data Link

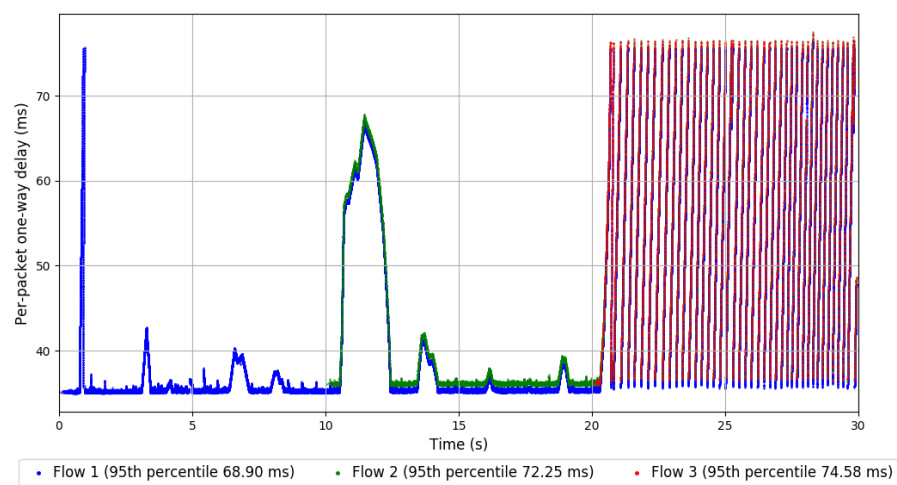
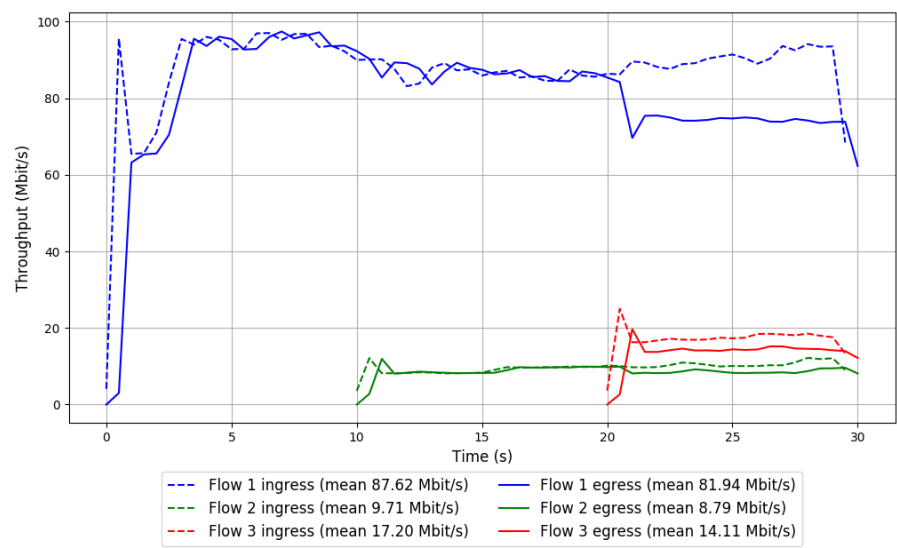


Run 1: Statistics of PCC-Allegro

Start at: 2019-11-24 07:16:40
End at: 2019-11-24 07:17:10
Local clock offset: 0.615 ms
Remote clock offset: -3.989 ms

Below is generated by plot.py at 2019-11-24 09:56:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.45 Mbit/s
95th percentile per-packet one-way delay: 70.072 ms
Loss rate: 7.28%
-- Flow 1:
Average throughput: 81.94 Mbit/s
95th percentile per-packet one-way delay: 68.897 ms
Loss rate: 6.44%
-- Flow 2:
Average throughput: 8.79 Mbit/s
95th percentile per-packet one-way delay: 72.254 ms
Loss rate: 9.37%
-- Flow 3:
Average throughput: 14.11 Mbit/s
95th percentile per-packet one-way delay: 74.582 ms
Loss rate: 17.88%

Run 1: Report of PCC-Allegro — Data Link

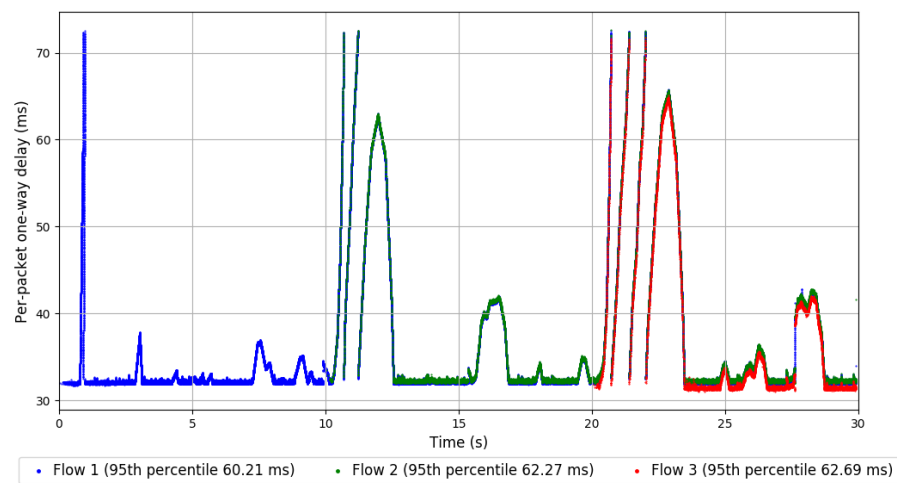
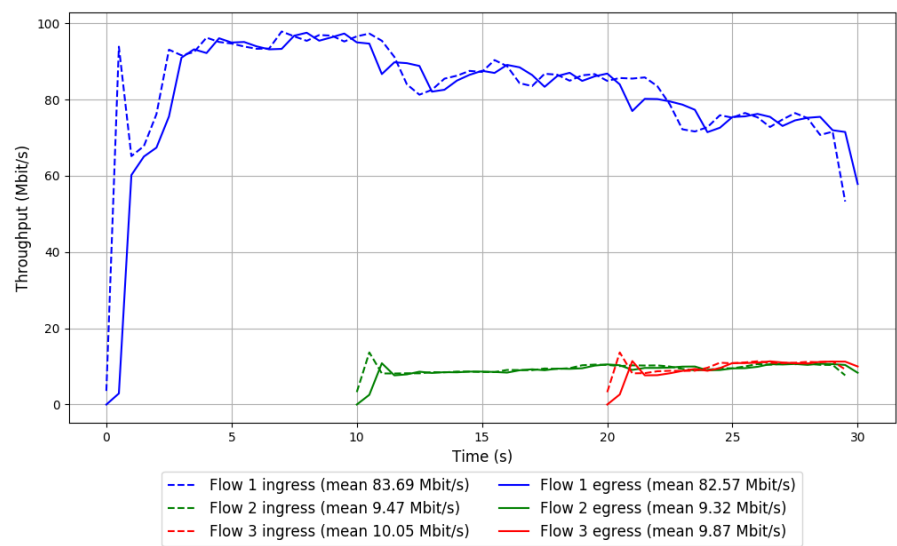


Run 2: Statistics of PCC-Allegro

Start at: 2019-11-24 07:45:52
End at: 2019-11-24 07:46:22
Local clock offset: 4.246 ms
Remote clock offset: -6.071 ms

Below is generated by plot.py at 2019-11-24 09:56:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.00 Mbit/s
95th percentile per-packet one-way delay: 60.529 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 82.57 Mbit/s
95th percentile per-packet one-way delay: 60.208 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 9.32 Mbit/s
95th percentile per-packet one-way delay: 62.269 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 9.87 Mbit/s
95th percentile per-packet one-way delay: 62.690 ms
Loss rate: 1.73%

Run 2: Report of PCC-Allegro — Data Link

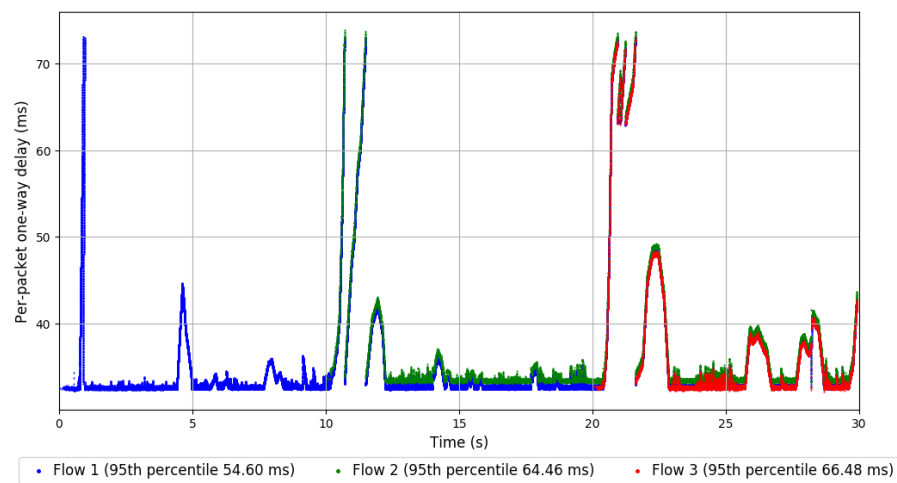
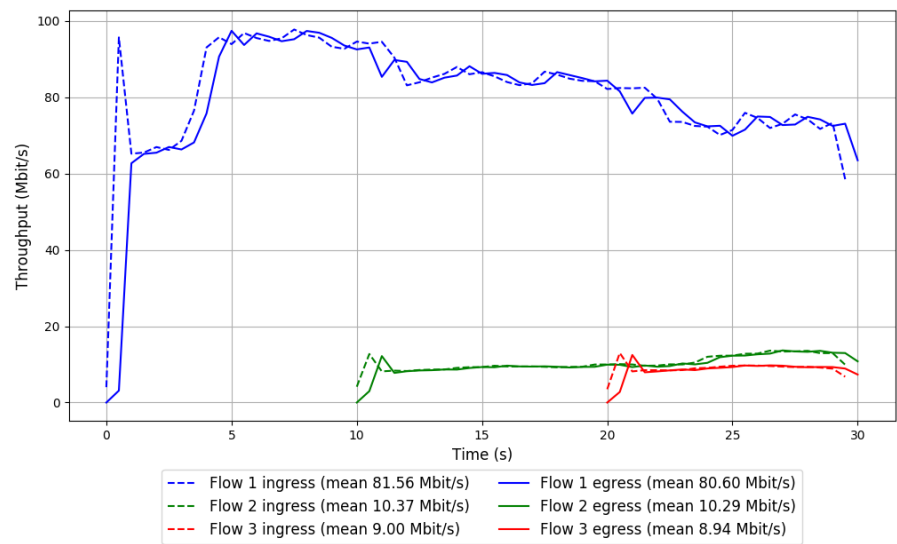


Run 3: Statistics of PCC-Allegro

Start at: 2019-11-24 08:17:11
End at: 2019-11-24 08:17:41
Local clock offset: 3.773 ms
Remote clock offset: -4.005 ms

Below is generated by plot.py at 2019-11-24 09:56:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 57.333 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 80.60 Mbit/s
95th percentile per-packet one-way delay: 54.598 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 10.29 Mbit/s
95th percentile per-packet one-way delay: 64.464 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 8.94 Mbit/s
95th percentile per-packet one-way delay: 66.485 ms
Loss rate: 0.60%

Run 3: Report of PCC-Allegro — Data Link

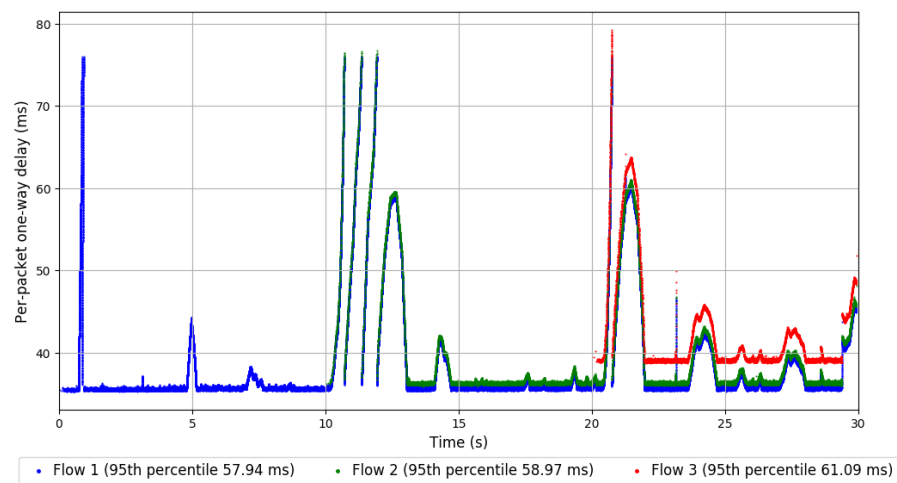
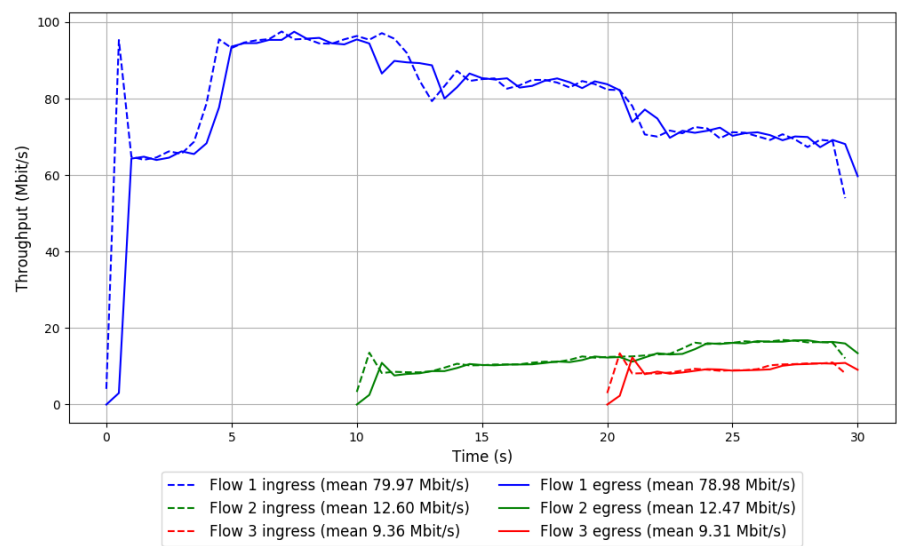


Run 4: Statistics of PCC-Allegro

Start at: 2019-11-24 08:47:32
End at: 2019-11-24 08:48:02
Local clock offset: 1.407 ms
Remote clock offset: -3.216 ms

Below is generated by plot.py at 2019-11-24 09:57:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.34 Mbit/s
95th percentile per-packet one-way delay: 58.164 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 78.98 Mbit/s
95th percentile per-packet one-way delay: 57.944 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 58.974 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 61.086 ms
Loss rate: 0.52%

Run 4: Report of PCC-Allegro — Data Link

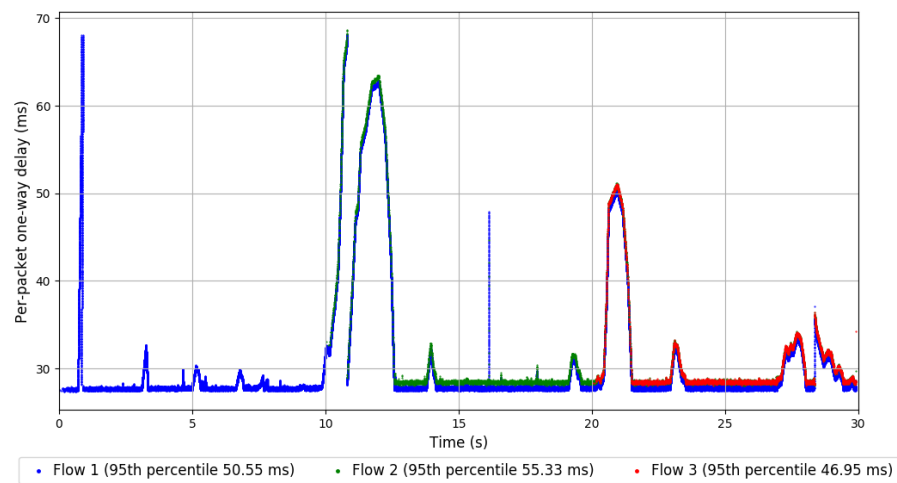
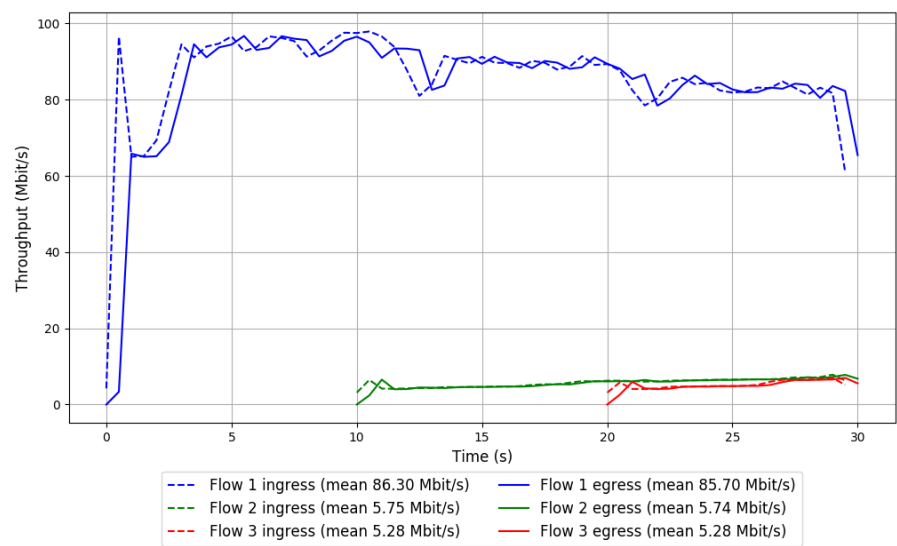


Run 5: Statistics of PCC-Allegro

Start at: 2019-11-24 09:16:50
End at: 2019-11-24 09:17:20
Local clock offset: 5.566 ms
Remote clock offset: -4.679 ms

```
# Below is generated by plot.py at 2019-11-24 09:57:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.24 Mbit/s
95th percentile per-packet one-way delay: 50.479 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 85.70 Mbit/s
95th percentile per-packet one-way delay: 50.553 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 5.74 Mbit/s
95th percentile per-packet one-way delay: 55.331 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 5.28 Mbit/s
95th percentile per-packet one-way delay: 46.955 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Allegro — Data Link

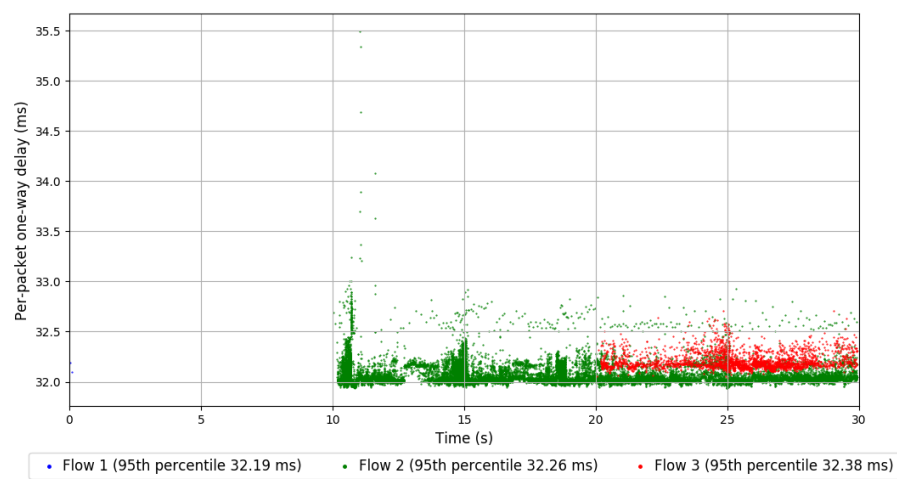
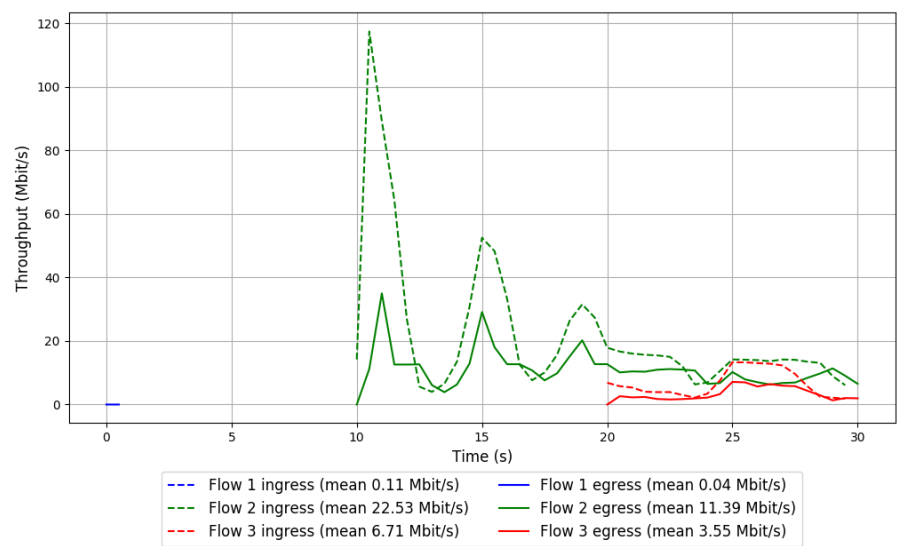


Run 1: Statistics of PCC-Expr

Start at: 2019-11-24 07:31:13
End at: 2019-11-24 07:31:43
Local clock offset: 4.387 ms
Remote clock offset: -4.554 ms

Below is generated by plot.py at 2019-11-24 09:57:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.75 Mbit/s
95th percentile per-packet one-way delay: 32.303 ms
Loss rate: 49.14%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 32.194 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 11.39 Mbit/s
95th percentile per-packet one-way delay: 32.256 ms
Loss rate: 49.45%
-- Flow 3:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 32.383 ms
Loss rate: 47.07%

Run 1: Report of PCC-Expr — Data Link

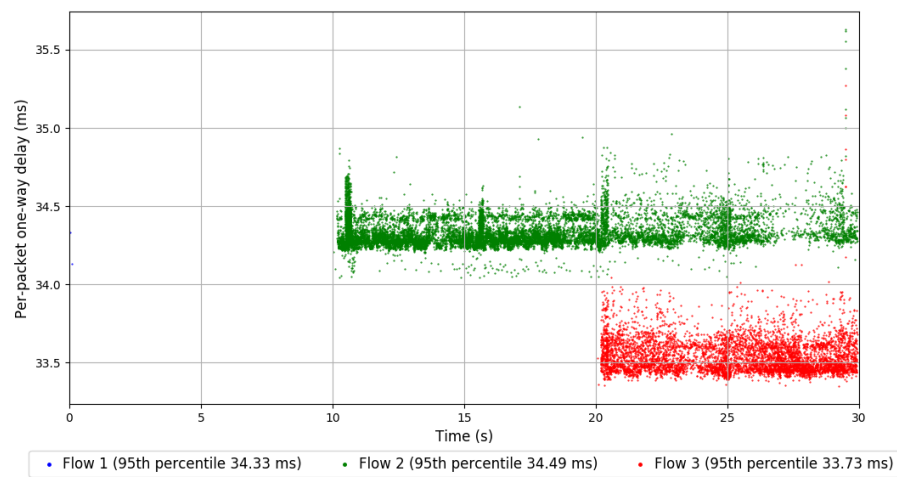
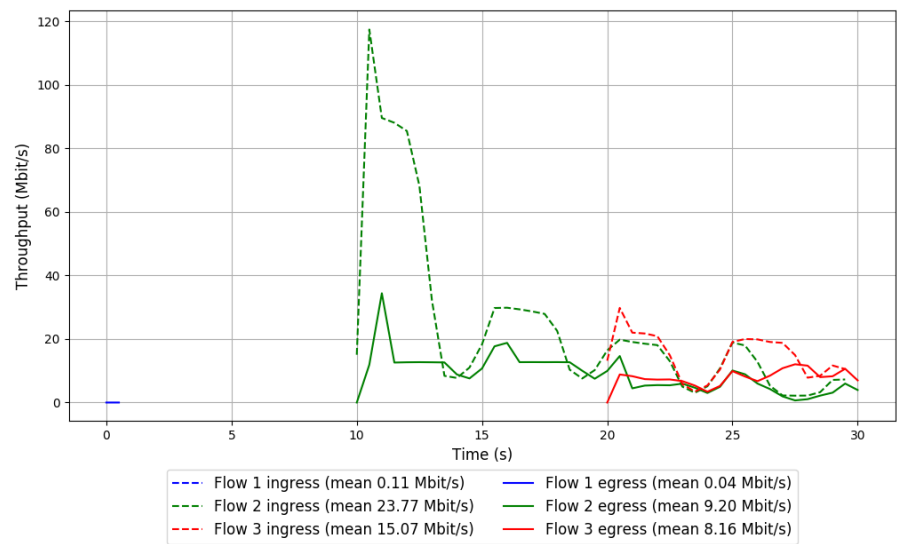


Run 2: Statistics of PCC-Expr

Start at: 2019-11-24 08:01:14
End at: 2019-11-24 08:01:44
Local clock offset: 1.769 ms
Remote clock offset: -5.174 ms

Below is generated by plot.py at 2019-11-24 09:57:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.82 Mbit/s
95th percentile per-packet one-way delay: 34.469 ms
Loss rate: 57.57%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 34.330 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 34.491 ms
Loss rate: 61.28%
-- Flow 3:
Average throughput: 8.16 Mbit/s
95th percentile per-packet one-way delay: 33.733 ms
Loss rate: 45.81%

Run 2: Report of PCC-Expr — Data Link

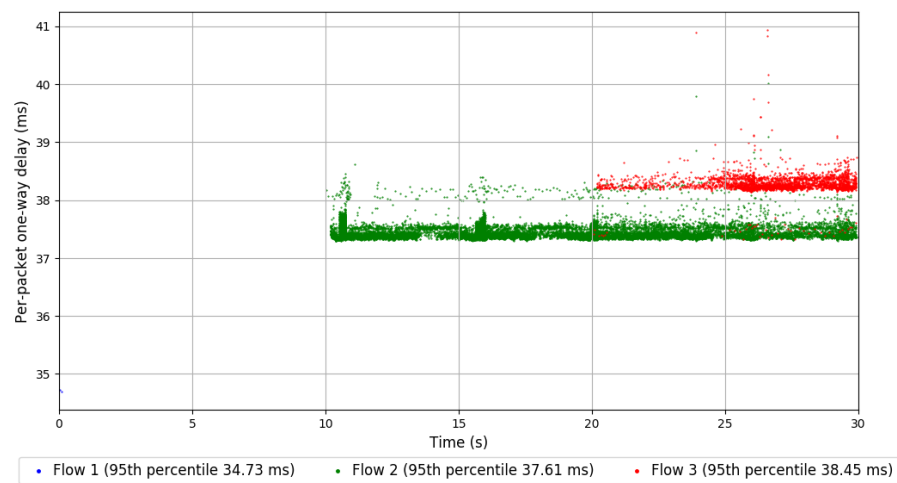
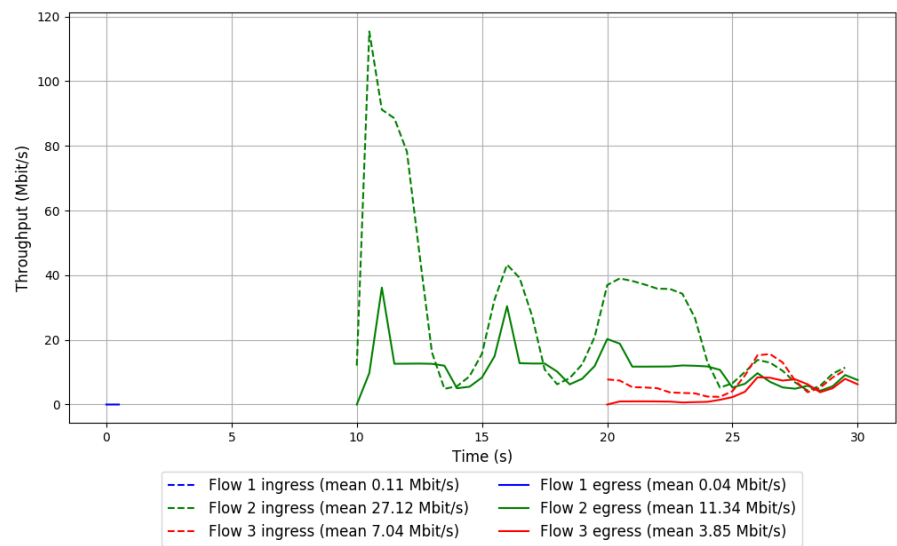


Run 3: Statistics of PCC-Expr

Start at: 2019-11-24 08:32:32
End at: 2019-11-24 08:33:02
Local clock offset: 0.512 ms
Remote clock offset: -4.944 ms

Below is generated by plot.py at 2019-11-24 09:57:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.81 Mbit/s
95th percentile per-packet one-way delay: 38.290 ms
Loss rate: 56.73%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 34.730 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 11.34 Mbit/s
95th percentile per-packet one-way delay: 37.610 ms
Loss rate: 58.20%
-- Flow 3:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 38.452 ms
Loss rate: 45.34%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2019-11-24 09:02:14

End at: 2019-11-24 09:02:44

Local clock offset: 2.292 ms

Remote clock offset: -6.66 ms

Below is generated by plot.py at 2019-11-24 09:57:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.71 Mbit/s

95th percentile per-packet one-way delay: 34.353 ms

Loss rate: 55.48%

-- Flow 1:

Average throughput: 0.04 Mbit/s

95th percentile per-packet one-way delay: 34.203 ms

Loss rate: 85.71%

-- Flow 2:

Average throughput: 10.85 Mbit/s

95th percentile per-packet one-way delay: 34.366 ms

Loss rate: 57.61%

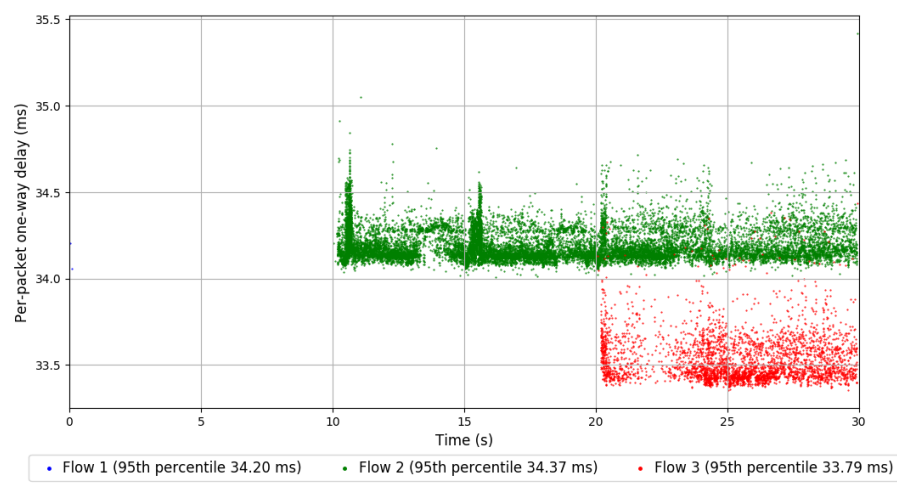
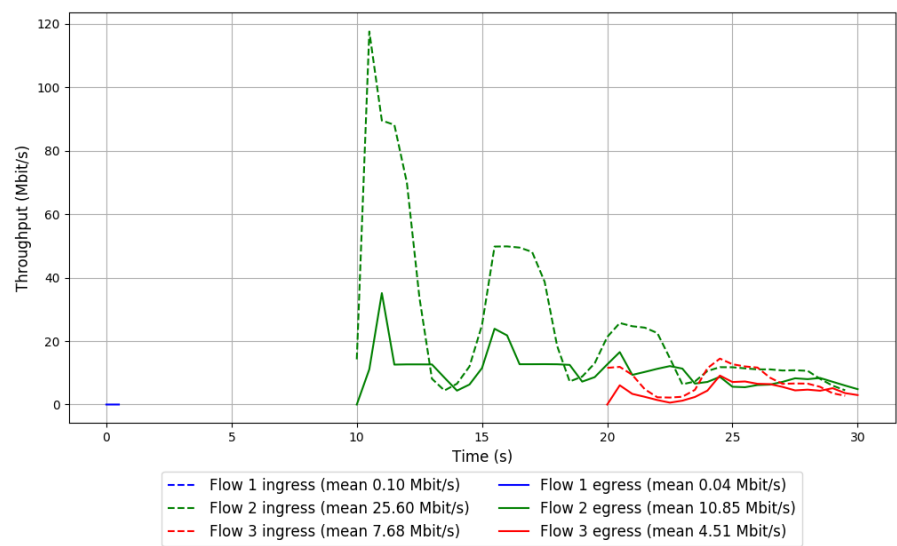
-- Flow 3:

Average throughput: 4.51 Mbit/s

95th percentile per-packet one-way delay: 33.792 ms

Loss rate: 41.22%

Run 4: Report of PCC-Expr — Data Link

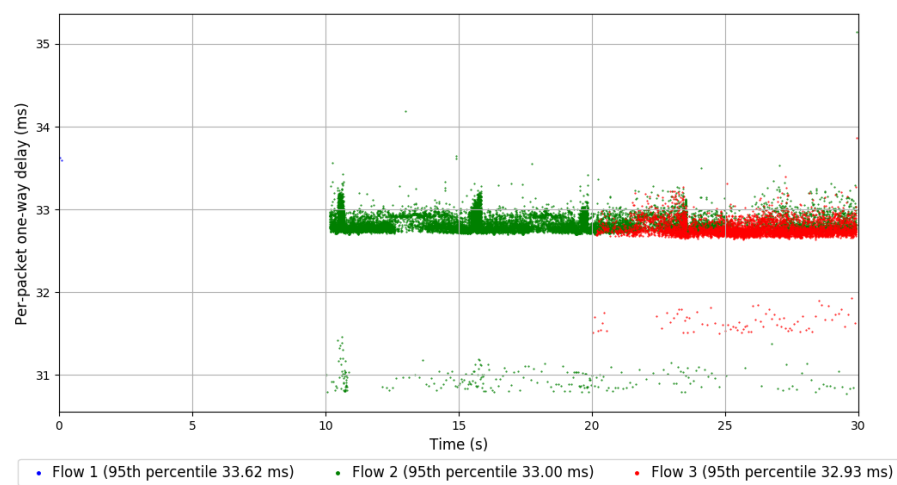
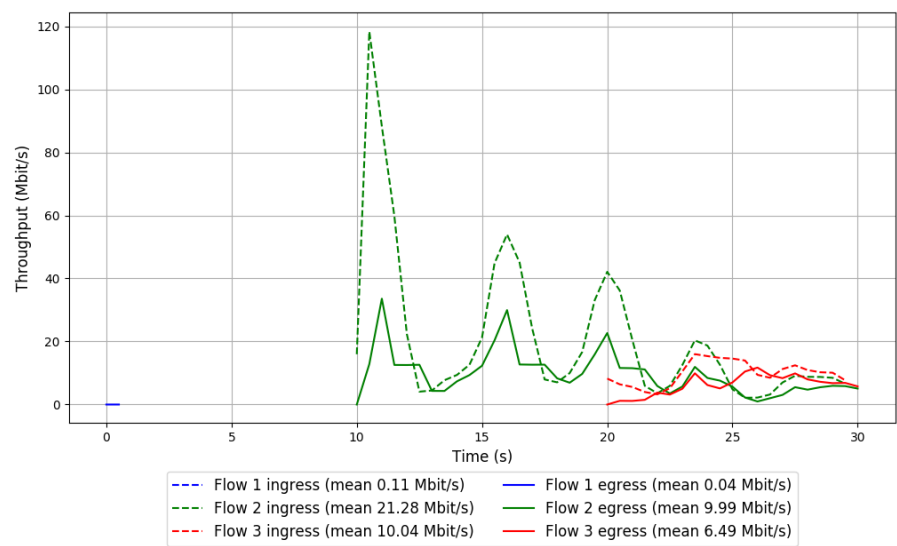


Run 5: Statistics of PCC-Expr

Start at: 2019-11-24 09:31:31
End at: 2019-11-24 09:32:01
Local clock offset: 1.416 ms
Remote clock offset: -4.924 ms

Below is generated by plot.py at 2019-11-24 09:57:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.79 Mbit/s
95th percentile per-packet one-way delay: 32.983 ms
Loss rate: 49.69%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 33.620 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 9.99 Mbit/s
95th percentile per-packet one-way delay: 32.996 ms
Loss rate: 53.06%
-- Flow 3:
Average throughput: 6.49 Mbit/s
95th percentile per-packet one-way delay: 32.926 ms
Loss rate: 35.32%

Run 5: Report of PCC-Expr — Data Link

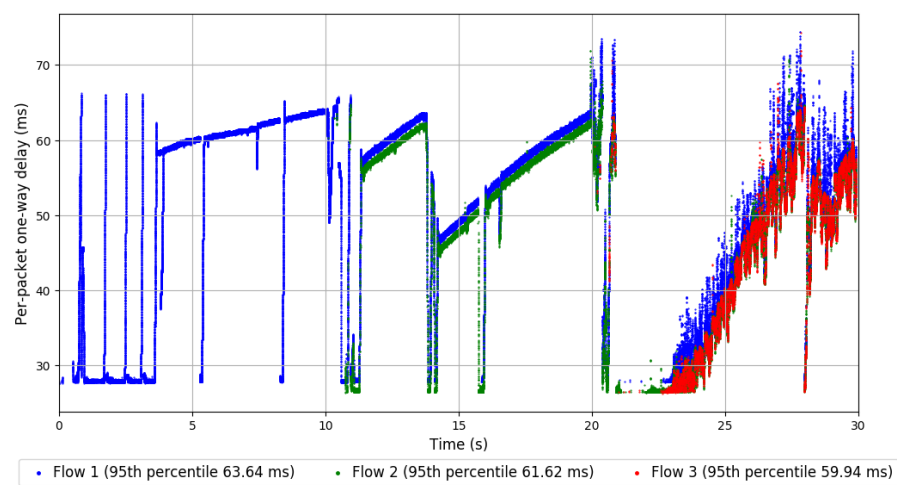
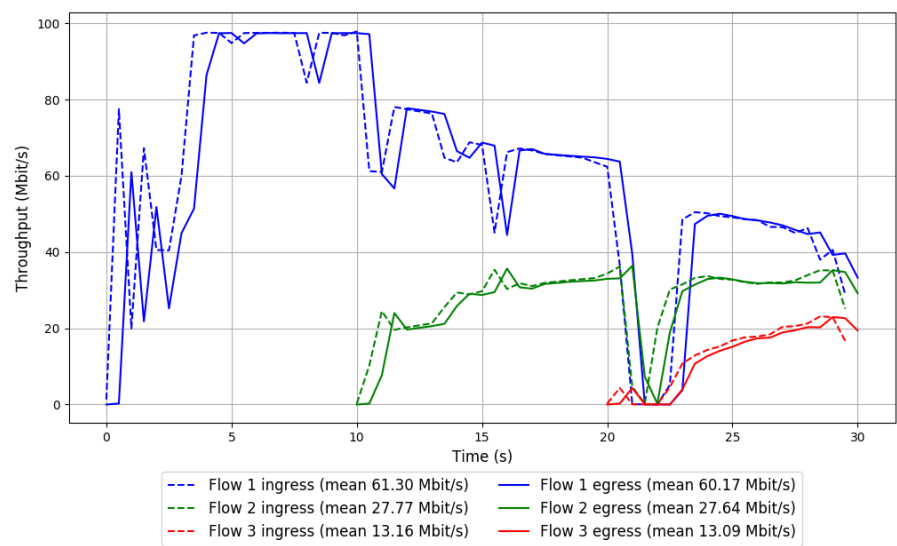


Run 1: Statistics of QUIC Cubic

Start at: 2019-11-24 07:19:04
End at: 2019-11-24 07:19:34
Local clock offset: 5.891 ms
Remote clock offset: -8.144 ms

Below is generated by plot.py at 2019-11-24 09:57:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.80 Mbit/s
95th percentile per-packet one-way delay: 63.506 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 60.17 Mbit/s
95th percentile per-packet one-way delay: 63.639 ms
Loss rate: 1.74%
-- Flow 2:
Average throughput: 27.64 Mbit/s
95th percentile per-packet one-way delay: 61.624 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 13.09 Mbit/s
95th percentile per-packet one-way delay: 59.935 ms
Loss rate: 0.56%

Run 1: Report of QUIC Cubic — Data Link

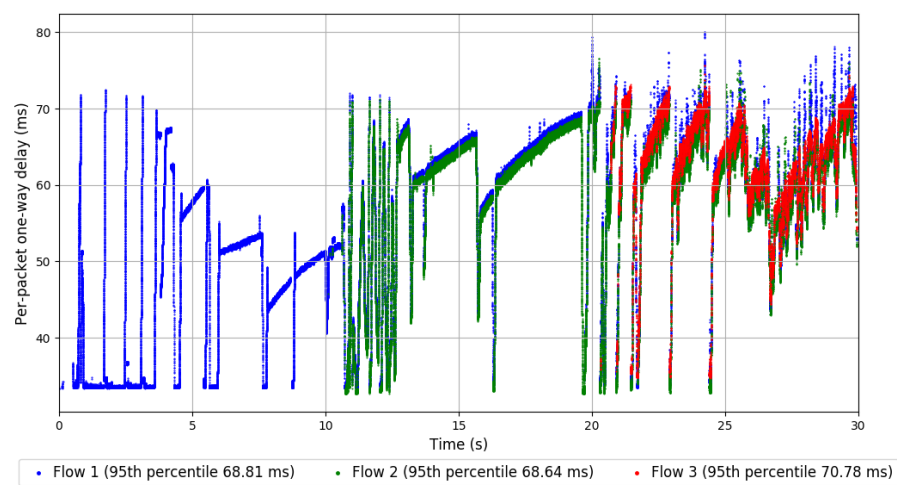
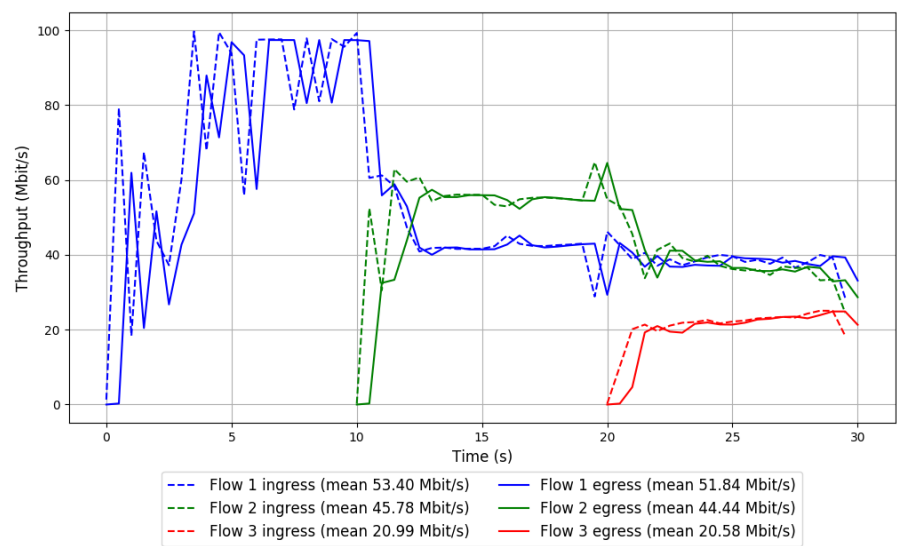


Run 2: Statistics of QUIC Cubic

Start at: 2019-11-24 07:48:18
End at: 2019-11-24 07:48:48
Local clock offset: 1.475 ms
Remote clock offset: -6.034 ms

Below is generated by plot.py at 2019-11-24 09:57:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.03 Mbit/s
95th percentile per-packet one-way delay: 69.028 ms
Loss rate: 2.81%
-- Flow 1:
Average throughput: 51.84 Mbit/s
95th percentile per-packet one-way delay: 68.806 ms
Loss rate: 2.86%
-- Flow 2:
Average throughput: 44.44 Mbit/s
95th percentile per-packet one-way delay: 68.644 ms
Loss rate: 2.89%
-- Flow 3:
Average throughput: 20.58 Mbit/s
95th percentile per-packet one-way delay: 70.780 ms
Loss rate: 2.08%

Run 2: Report of QUIC Cubic — Data Link

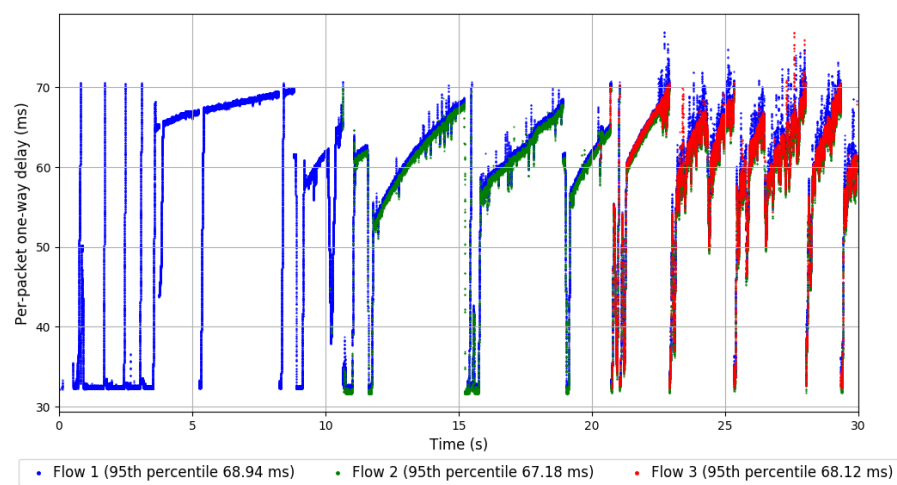
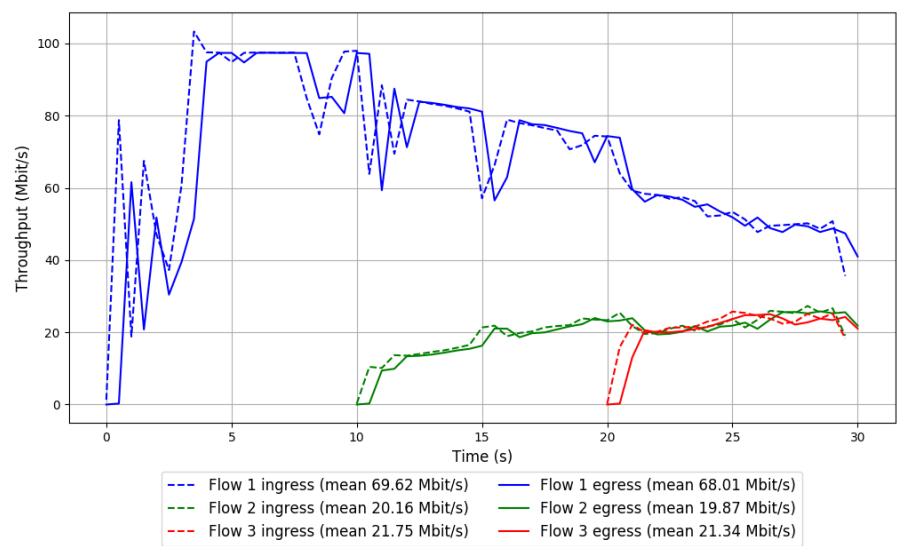


Run 3: Statistics of QUIC Cubic

Start at: 2019-11-24 08:19:41
End at: 2019-11-24 08:20:11
Local clock offset: 4.121 ms
Remote clock offset: -4.489 ms

Below is generated by plot.py at 2019-11-24 09:57:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 68.763 ms
Loss rate: 2.06%
-- Flow 1:
Average throughput: 68.01 Mbit/s
95th percentile per-packet one-way delay: 68.939 ms
Loss rate: 2.20%
-- Flow 2:
Average throughput: 19.87 Mbit/s
95th percentile per-packet one-way delay: 67.182 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 21.34 Mbit/s
95th percentile per-packet one-way delay: 68.120 ms
Loss rate: 1.87%

Run 3: Report of QUIC Cubic — Data Link

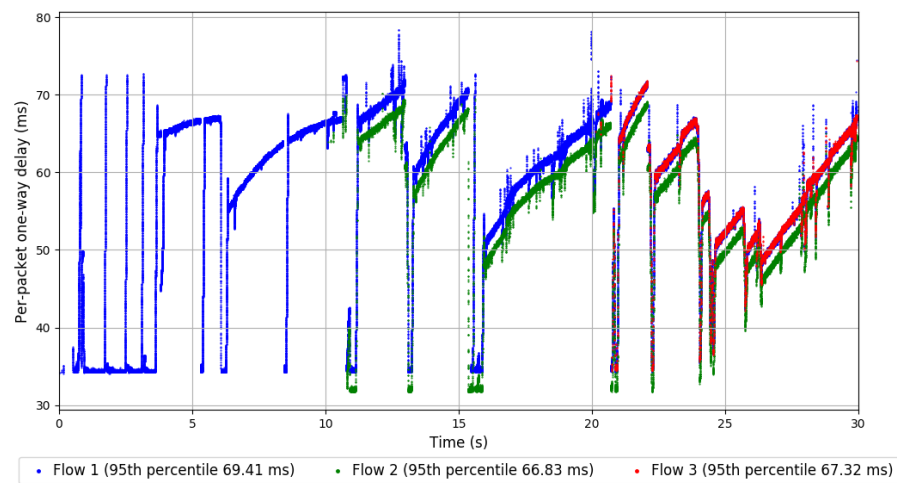
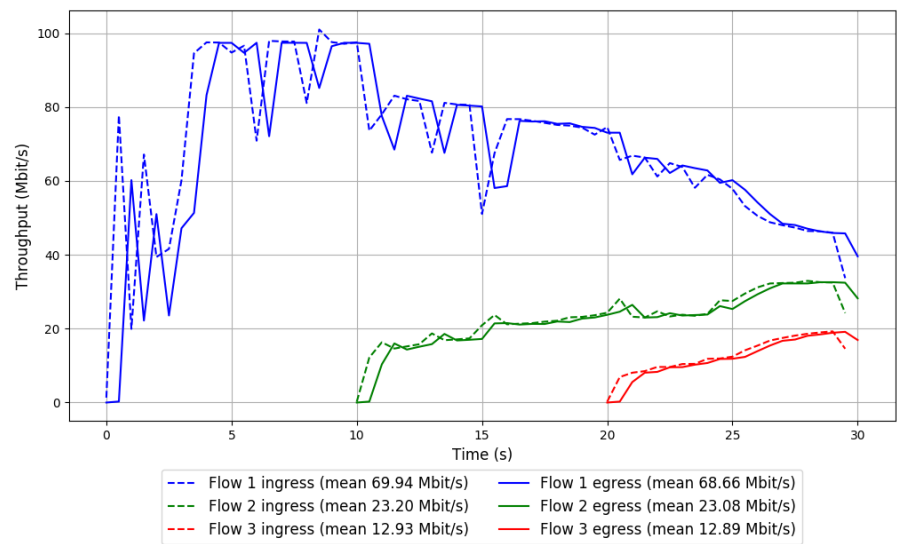


Run 4: Statistics of QUIC Cubic

Start at: 2019-11-24 08:49:55
End at: 2019-11-24 08:50:26
Local clock offset: 4.733 ms
Remote clock offset: -4.265 ms

Below is generated by plot.py at 2019-11-24 09:57:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.19 Mbit/s
95th percentile per-packet one-way delay: 69.035 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 68.66 Mbit/s
95th percentile per-packet one-way delay: 69.413 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 23.08 Mbit/s
95th percentile per-packet one-way delay: 66.835 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 12.89 Mbit/s
95th percentile per-packet one-way delay: 67.323 ms
Loss rate: 0.24%

Run 4: Report of QUIC Cubic — Data Link

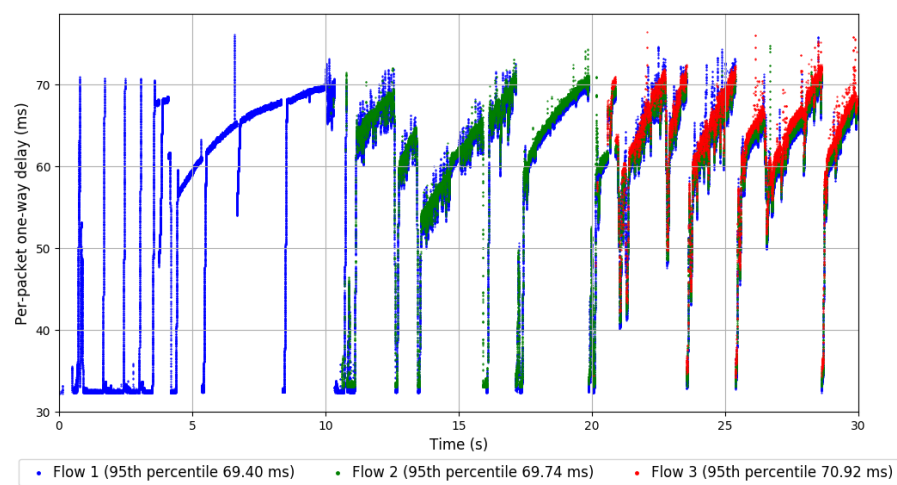
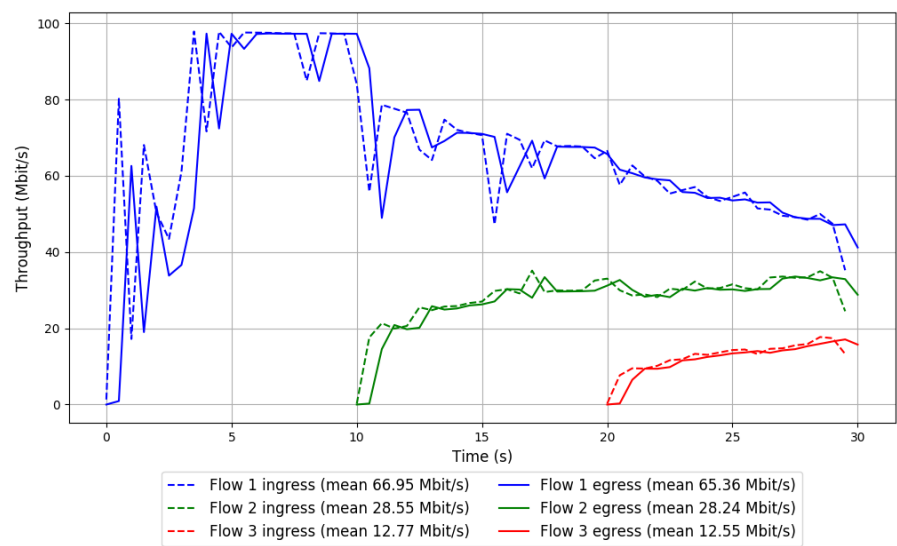


Run 5: Statistics of QUIC Cubic

Start at: 2019-11-24 09:19:10
End at: 2019-11-24 09:19:40
Local clock offset: 1.021 ms
Remote clock offset: -4.268 ms

Below is generated by plot.py at 2019-11-24 09:58:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.21 Mbit/s
95th percentile per-packet one-way delay: 69.463 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 65.36 Mbit/s
95th percentile per-packet one-way delay: 69.396 ms
Loss rate: 2.27%
-- Flow 2:
Average throughput: 28.24 Mbit/s
95th percentile per-packet one-way delay: 69.744 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 12.55 Mbit/s
95th percentile per-packet one-way delay: 70.925 ms
Loss rate: 1.37%

Run 5: Report of QUIC Cubic — Data Link



Run 1: Statistics of SReAM

Start at: 2019-11-24 07:30:05

End at: 2019-11-24 07:30:35

Local clock offset: 2.638 ms

Remote clock offset: -6.02 ms

Below is generated by plot.py at 2019-11-24 09:58:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 33.770 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 33.780 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 33.772 ms

Loss rate: 0.00%

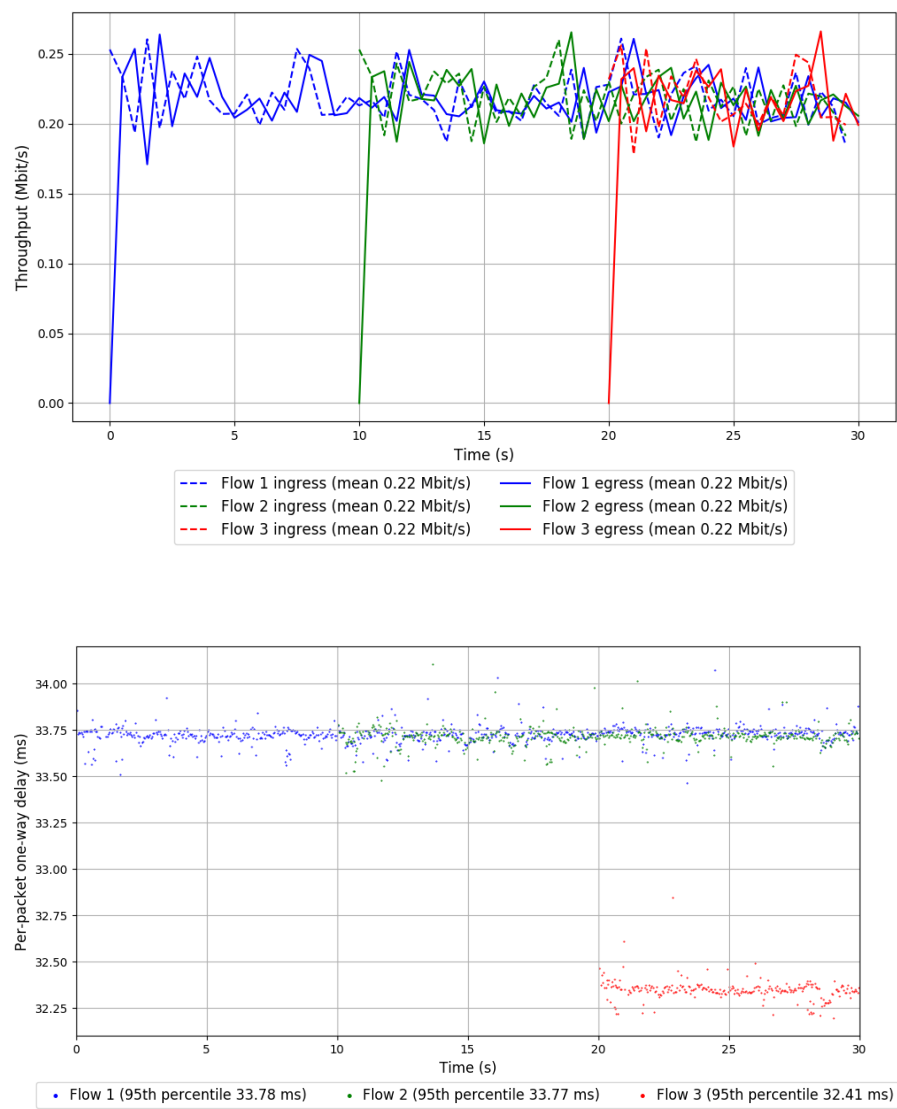
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 32.414 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

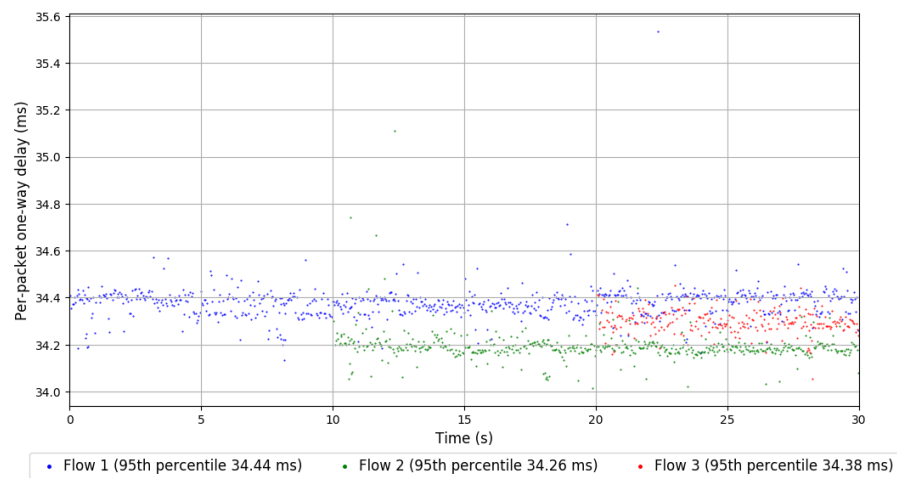
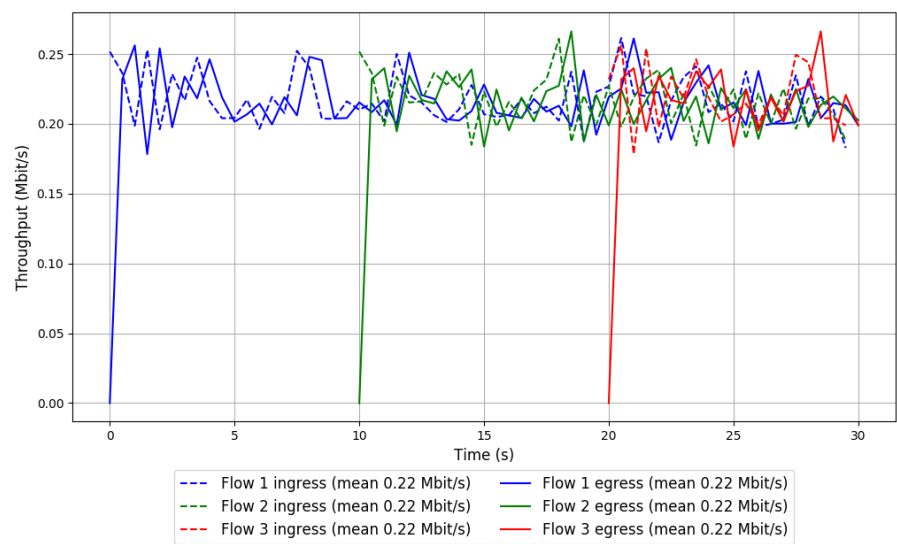


Run 2: Statistics of SReAM

Start at: 2019-11-24 08:00:01
End at: 2019-11-24 08:00:31
Local clock offset: 2.733 ms
Remote clock offset: -4.1 ms

Below is generated by plot.py at 2019-11-24 09:58:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 34.429 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.441 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.258 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.385 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

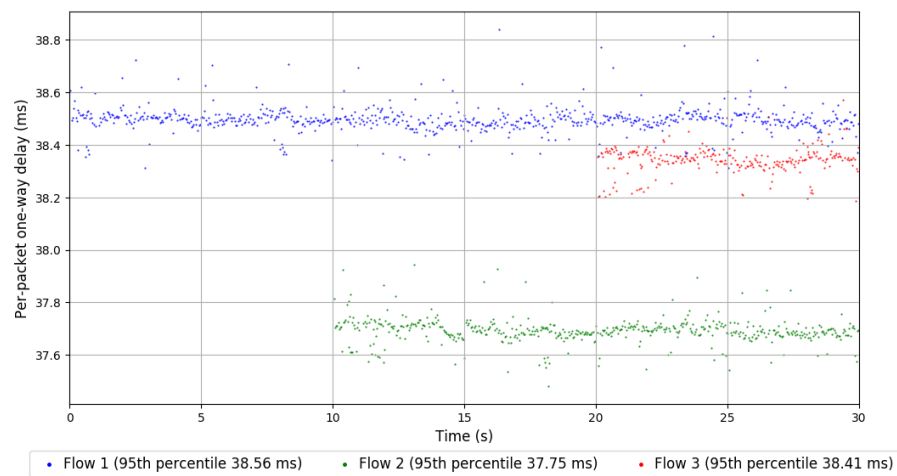
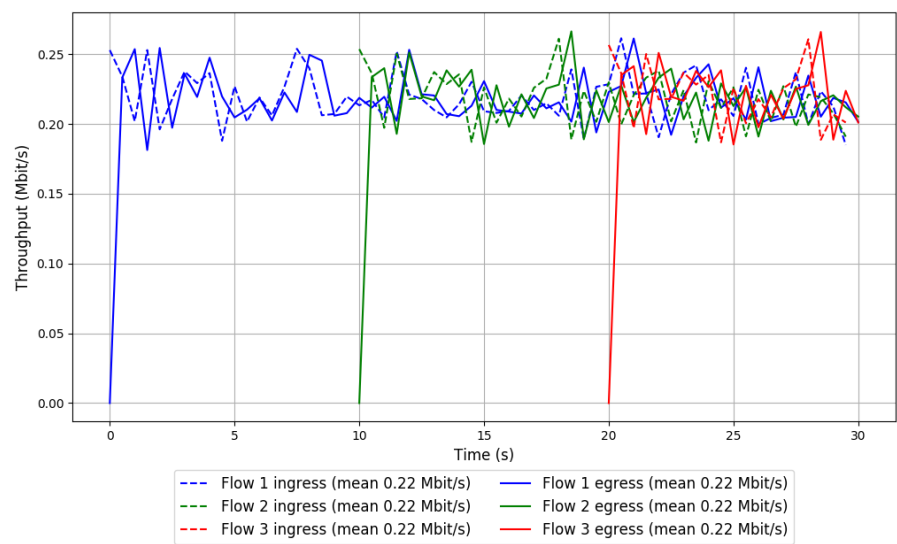


Run 3: Statistics of SReAM

Start at: 2019-11-24 08:31:25
End at: 2019-11-24 08:31:55
Local clock offset: 1.802 ms
Remote clock offset: -3.454 ms

Below is generated by plot.py at 2019-11-24 09:58:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 38.534 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.560 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.753 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.405 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

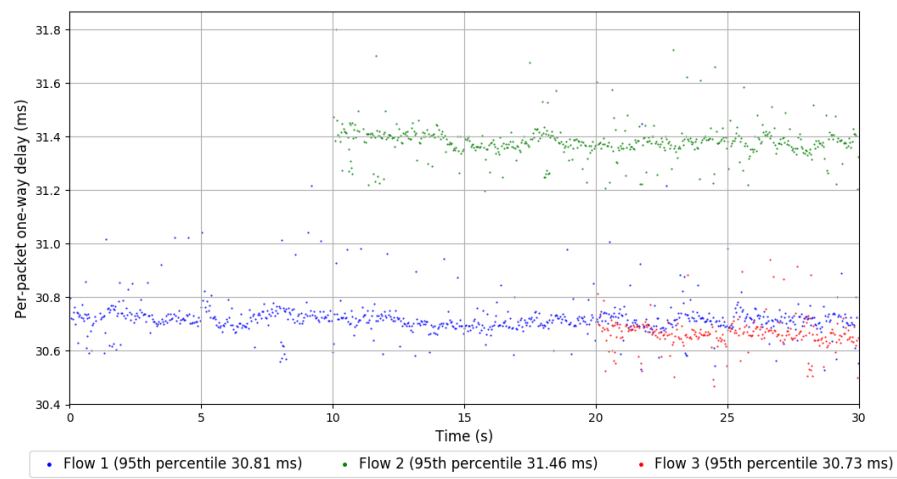
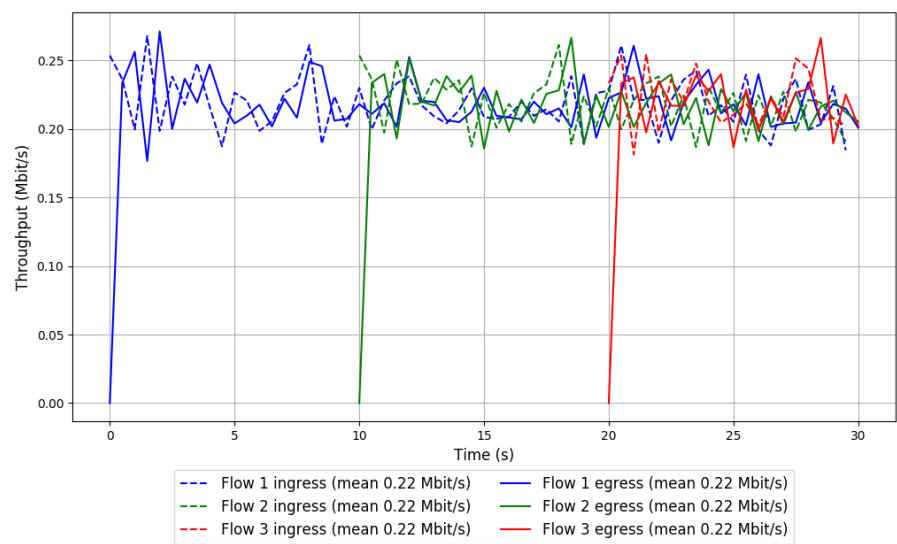


Run 4: Statistics of SReAM

Start at: 2019-11-24 09:01:07
End at: 2019-11-24 09:01:37
Local clock offset: 5.118 ms
Remote clock offset: -6.739 ms

Below is generated by plot.py at 2019-11-24 09:58:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 31.416 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.809 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.459 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.733 ms
Loss rate: 0.00%

Run 4: Report of SCReAM — Data Link

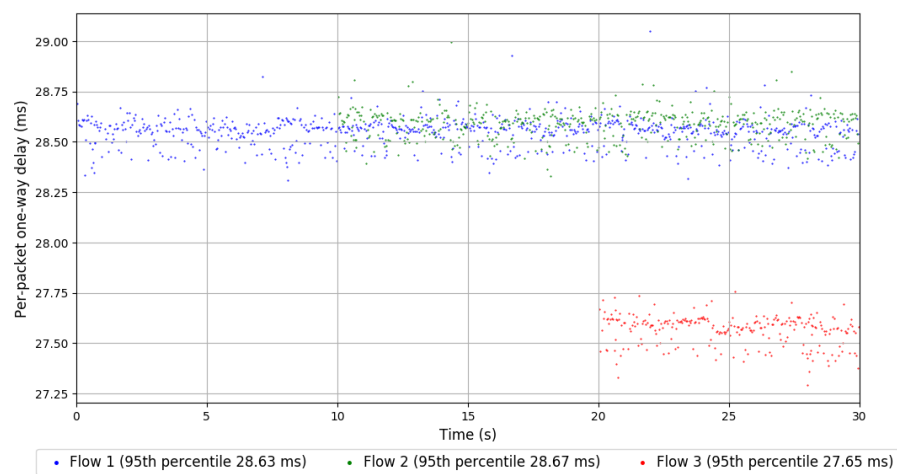
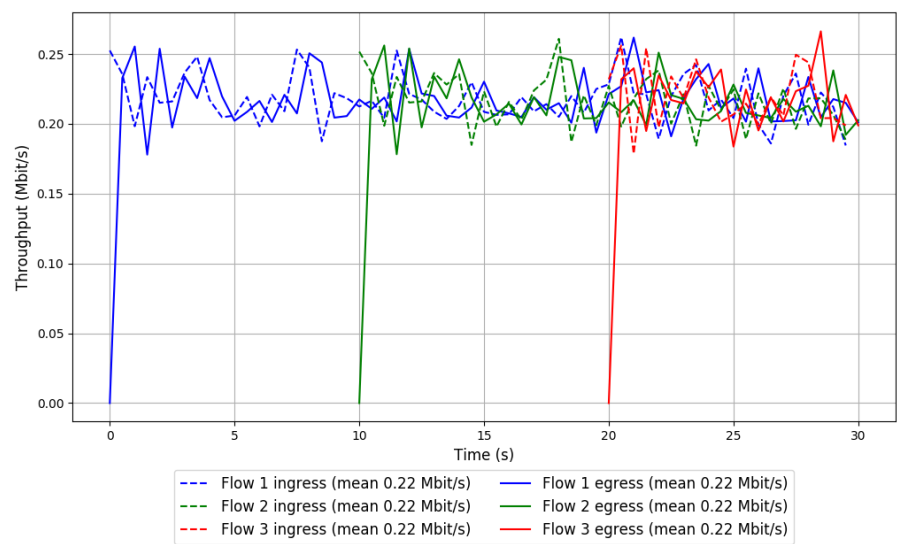


Run 5: Statistics of SReAM

Start at: 2019-11-24 09:30:24
End at: 2019-11-24 09:30:54
Local clock offset: 6.003 ms
Remote clock offset: -4.608 ms

Below is generated by plot.py at 2019-11-24 09:58:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 28.652 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.633 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.673 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.652 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

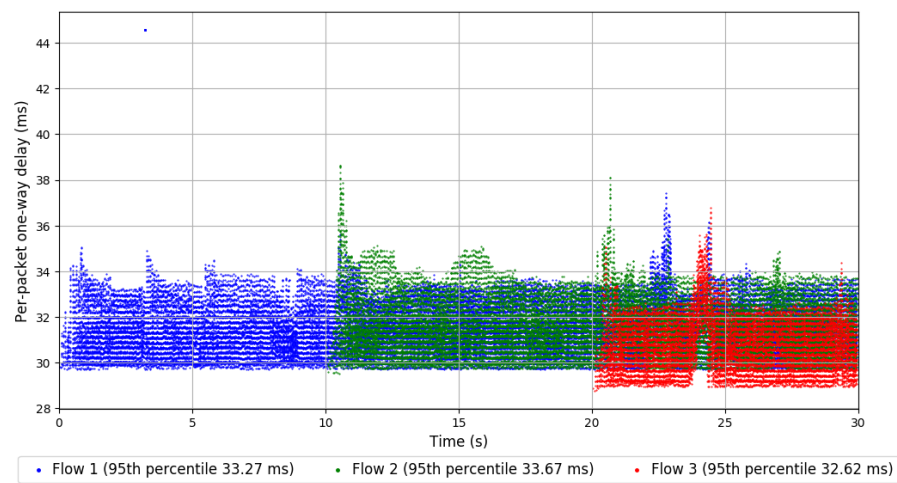
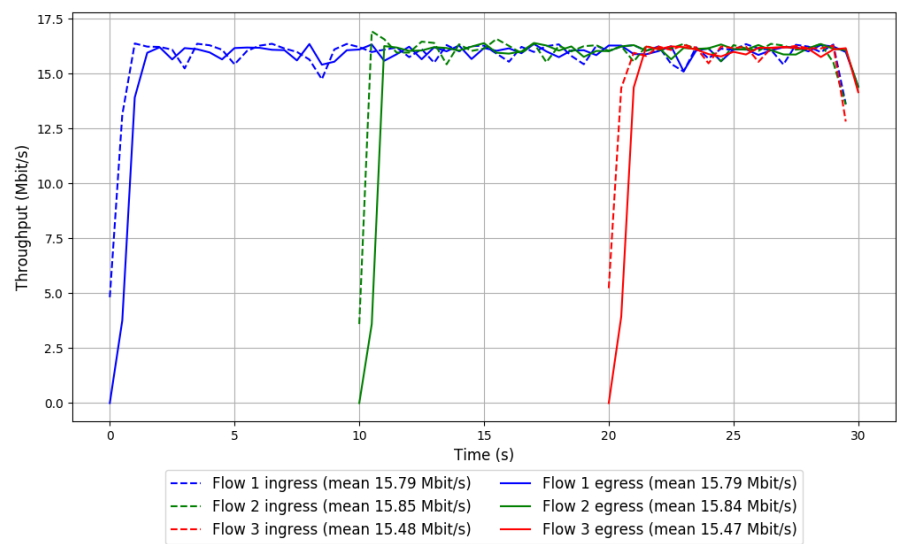


Run 1: Statistics of Sprout

Start at: 2019-11-24 07:24:05
End at: 2019-11-24 07:24:35
Local clock offset: 6.207 ms
Remote clock offset: -4.882 ms

Below is generated by plot.py at 2019-11-24 09:58:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.44 Mbit/s
95th percentile per-packet one-way delay: 33.381 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 15.79 Mbit/s
95th percentile per-packet one-way delay: 33.272 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.84 Mbit/s
95th percentile per-packet one-way delay: 33.666 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 15.47 Mbit/s
95th percentile per-packet one-way delay: 32.622 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

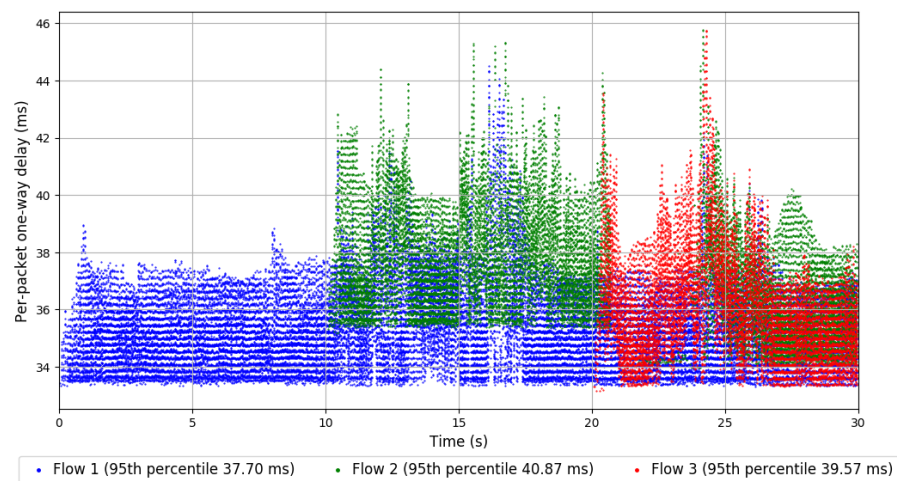
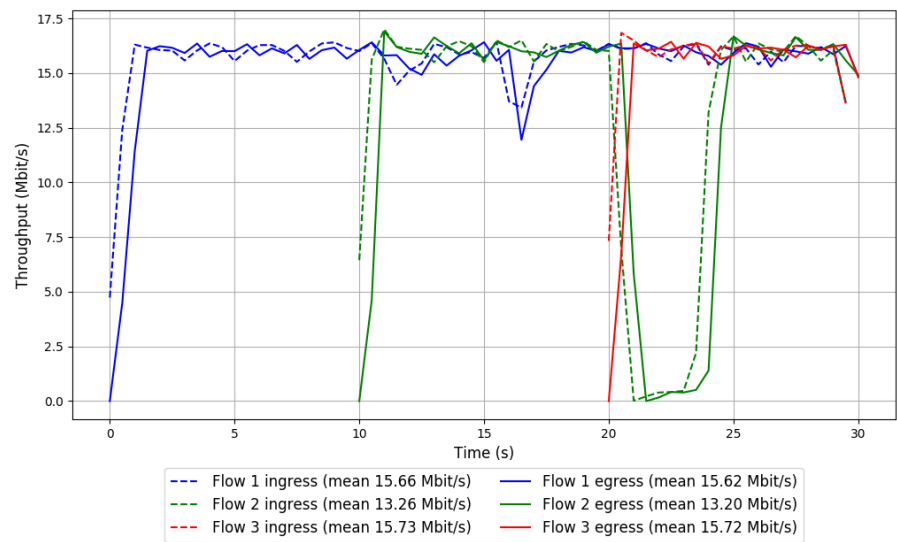


Run 2: Statistics of Sprout

Start at: 2019-11-24 07:53:39
End at: 2019-11-24 07:54:09
Local clock offset: 2.95 ms
Remote clock offset: -3.937 ms

Below is generated by plot.py at 2019-11-24 09:58:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.59 Mbit/s
95th percentile per-packet one-way delay: 39.793 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 15.62 Mbit/s
95th percentile per-packet one-way delay: 37.705 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 13.20 Mbit/s
95th percentile per-packet one-way delay: 40.873 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 15.72 Mbit/s
95th percentile per-packet one-way delay: 39.569 ms
Loss rate: 0.03%

Run 2: Report of Sprout — Data Link

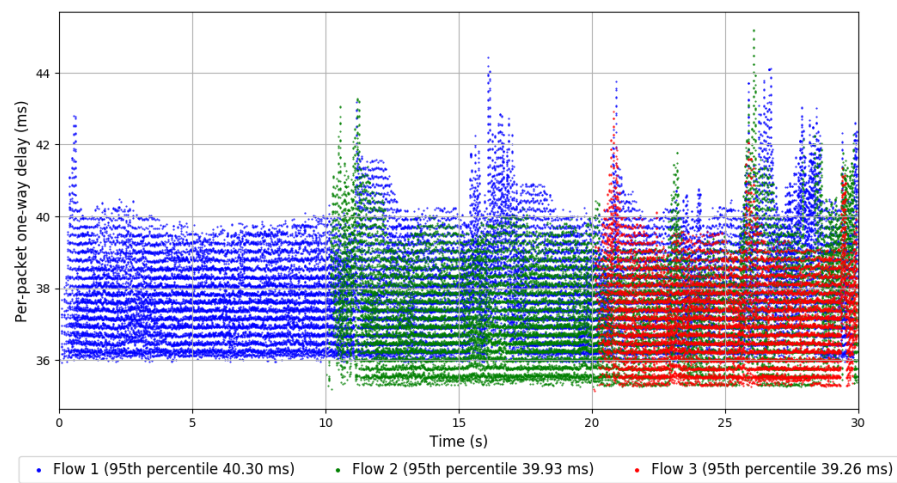
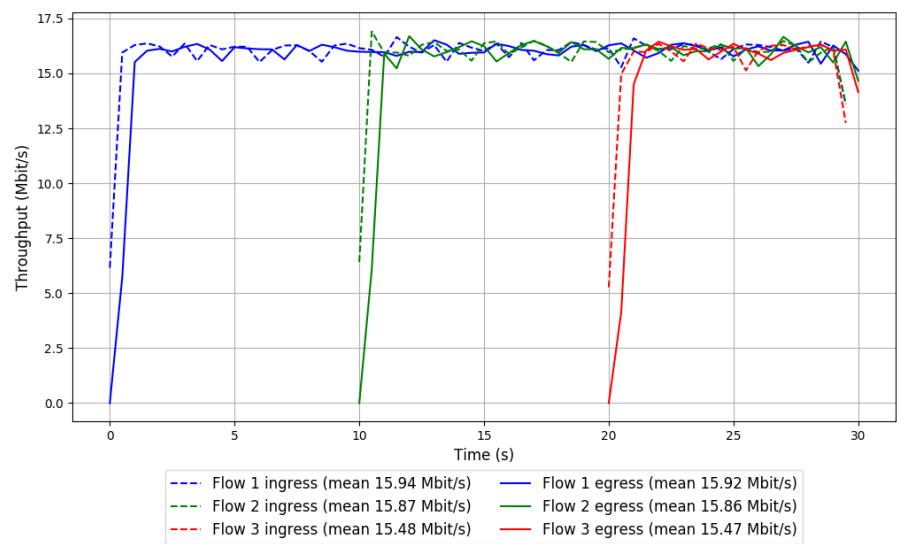


Run 3: Statistics of Sprout

Start at: 2019-11-24 08:25:07
End at: 2019-11-24 08:25:37
Local clock offset: 4.441 ms
Remote clock offset: -3.001 ms

```
# Below is generated by plot.py at 2019-11-24 09:58:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.59 Mbit/s
95th percentile per-packet one-way delay: 40.063 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 40.305 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 39.930 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 15.47 Mbit/s
95th percentile per-packet one-way delay: 39.258 ms
Loss rate: 0.03%
```

Run 3: Report of Sprout — Data Link

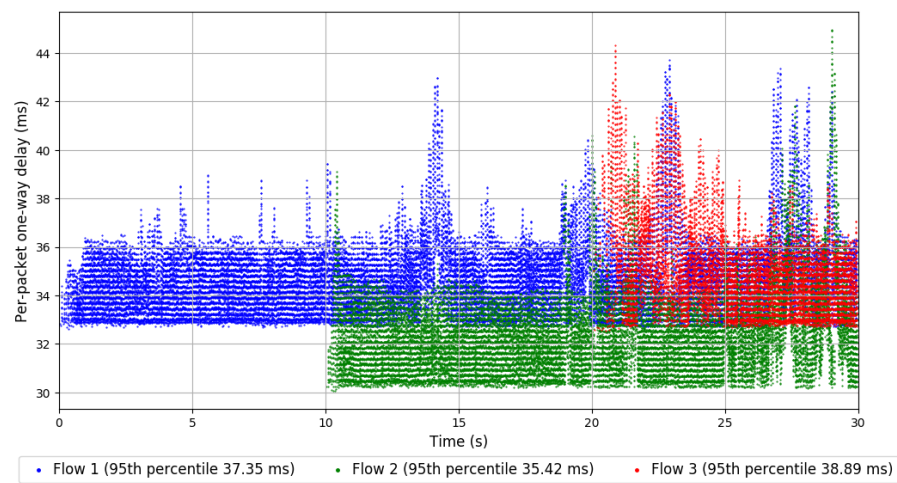
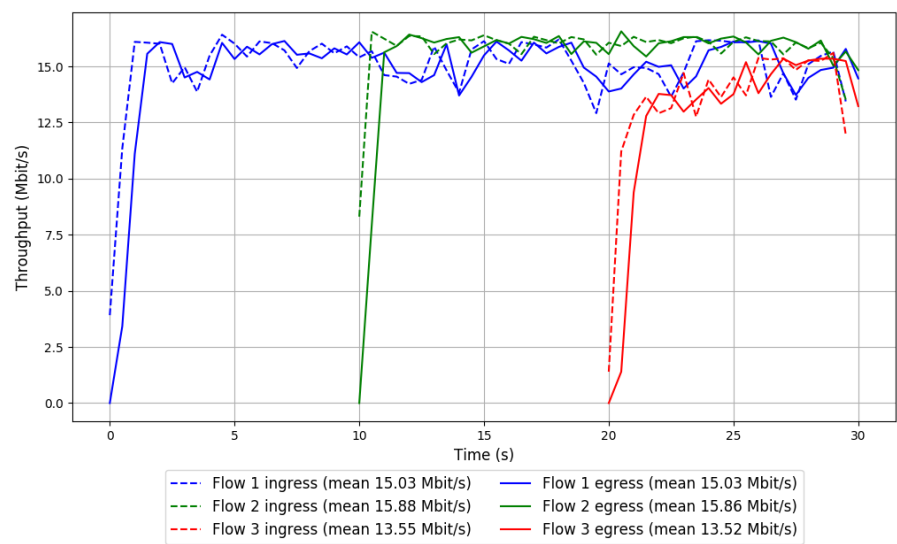


Run 4: Statistics of Sprout

Start at: 2019-11-24 08:55:00
End at: 2019-11-24 08:55:30
Local clock offset: 3.985 ms
Remote clock offset: -6.611 ms

```
# Below is generated by plot.py at 2019-11-24 09:58:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.05 Mbit/s
95th percentile per-packet one-way delay: 37.355 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 15.03 Mbit/s
95th percentile per-packet one-way delay: 37.348 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 35.425 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 13.52 Mbit/s
95th percentile per-packet one-way delay: 38.886 ms
Loss rate: 0.25%
```

Run 4: Report of Sprout — Data Link

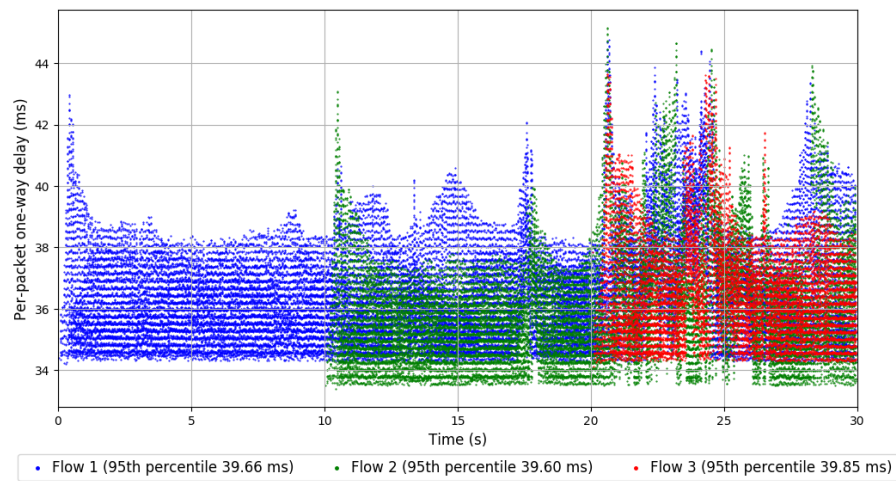
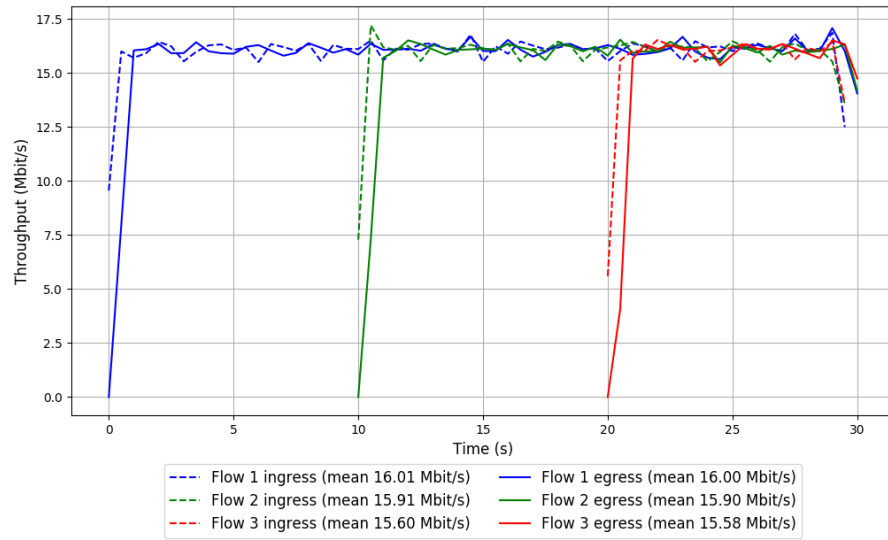


Run 5: Statistics of Sprout

Start at: 2019-11-24 09:24:09
End at: 2019-11-24 09:24:39
Local clock offset: 2.074 ms
Remote clock offset: -1.888 ms

Below is generated by plot.py at 2019-11-24 09:58:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.72 Mbit/s
95th percentile per-packet one-way delay: 39.668 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 16.00 Mbit/s
95th percentile per-packet one-way delay: 39.663 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 15.90 Mbit/s
95th percentile per-packet one-way delay: 39.598 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 15.58 Mbit/s
95th percentile per-packet one-way delay: 39.846 ms
Loss rate: 0.13%

Run 5: Report of Sprout — Data Link

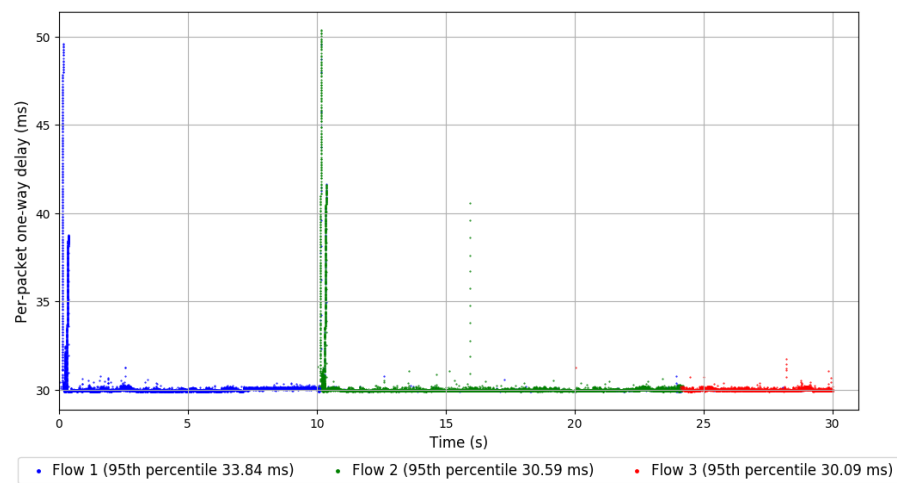
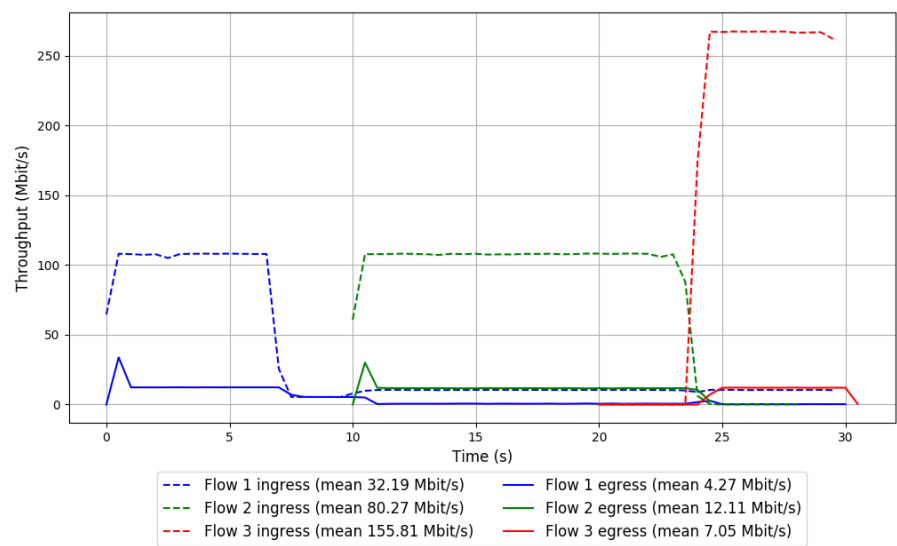


```
Run 1: Statistics of TaoVA-100x

Start at: 2019-11-24 07:26:26
End at: 2019-11-24 07:26:56
Local clock offset: 3.889 ms
Remote clock offset: -7.079 ms

# Below is generated by plot.py at 2019-11-24 09:58:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.41 Mbit/s
95th percentile per-packet one-way delay: 30.702 ms
Loss rate: 90.69%
-- Flow 1:
Average throughput: 4.27 Mbit/s
95th percentile per-packet one-way delay: 33.842 ms
Loss rate: 86.75%
-- Flow 2:
Average throughput: 12.11 Mbit/s
95th percentile per-packet one-way delay: 30.590 ms
Loss rate: 88.23%
-- Flow 3:
Average throughput: 7.05 Mbit/s
95th percentile per-packet one-way delay: 30.091 ms
Loss rate: 95.48%
```

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

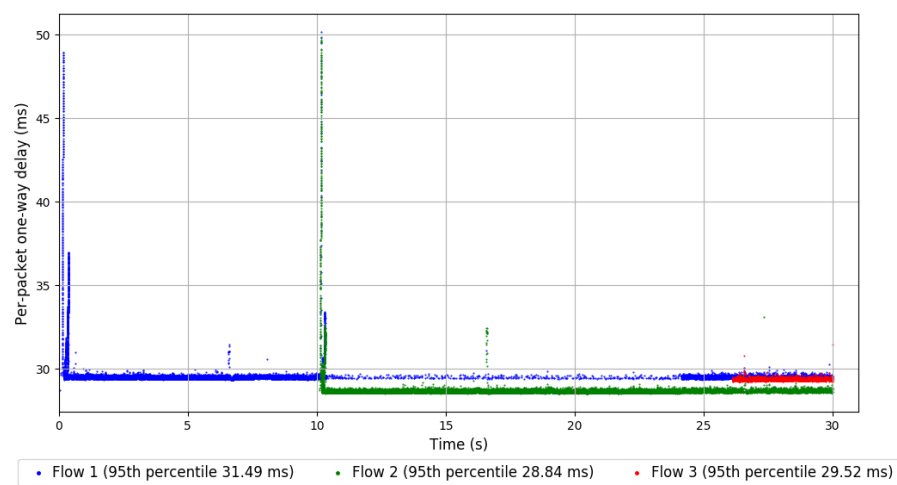
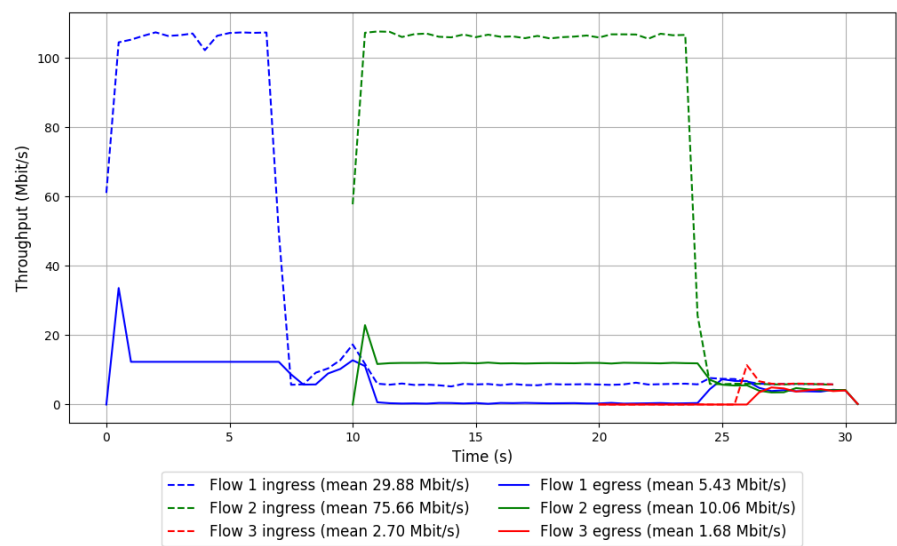


Run 2: Statistics of TaoVA-100x

Start at: 2019-11-24 07:56:07
End at: 2019-11-24 07:56:37
Local clock offset: 6.221 ms
Remote clock offset: -5.436 ms

Below is generated by plot.py at 2019-11-24 09:58:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 29.782 ms
Loss rate: 84.37%
-- Flow 1:
Average throughput: 5.43 Mbit/s
95th percentile per-packet one-way delay: 31.487 ms
Loss rate: 81.84%
-- Flow 2:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: 28.844 ms
Loss rate: 86.70%
-- Flow 3:
Average throughput: 1.68 Mbit/s
95th percentile per-packet one-way delay: 29.520 ms
Loss rate: 37.75%

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

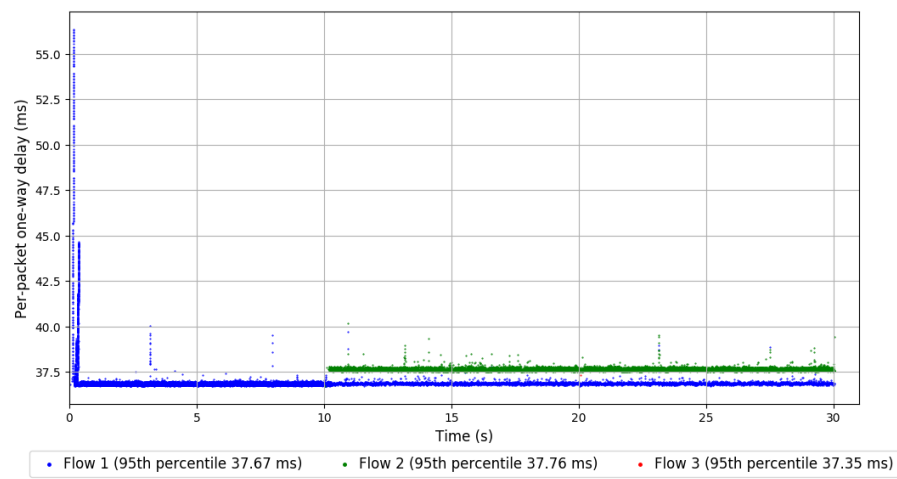
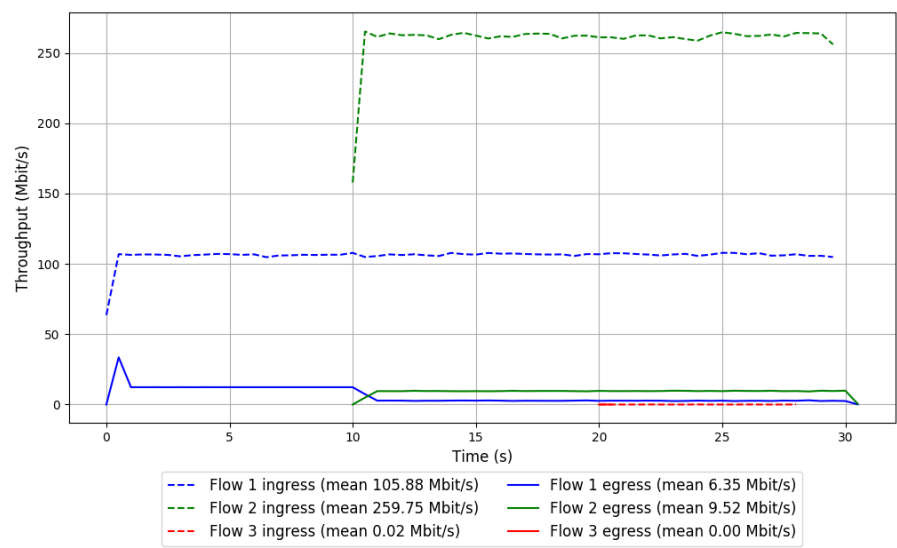


Run 3: Statistics of TaoVA-100x

Start at: 2019-11-24 08:27:37
End at: 2019-11-24 08:28:07
Local clock offset: 1.555 ms
Remote clock offset: -4.448 ms

Below is generated by plot.py at 2019-11-24 09:58:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 37.756 ms
Loss rate: 95.45%
-- Flow 1:
Average throughput: 6.35 Mbit/s
95th percentile per-packet one-way delay: 37.671 ms
Loss rate: 94.01%
-- Flow 2:
Average throughput: 9.52 Mbit/s
95th percentile per-packet one-way delay: 37.756 ms
Loss rate: 96.33%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 37.347 ms
Loss rate: 99.16%

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

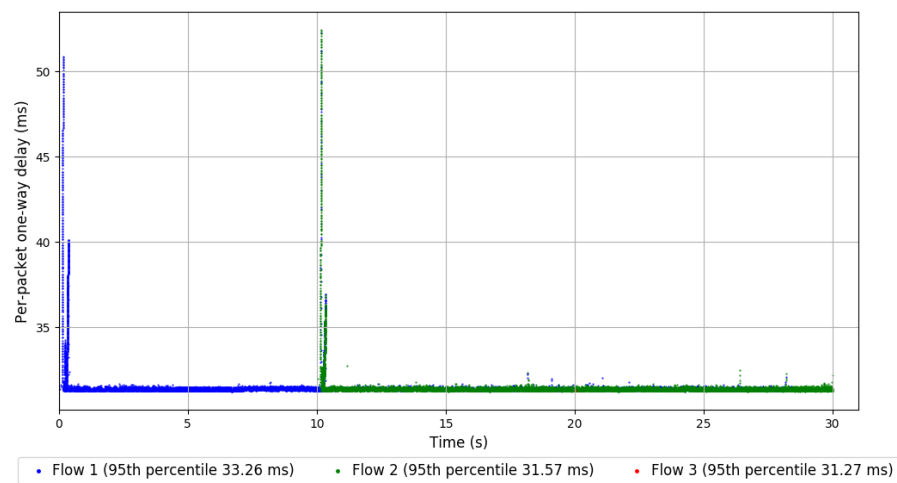
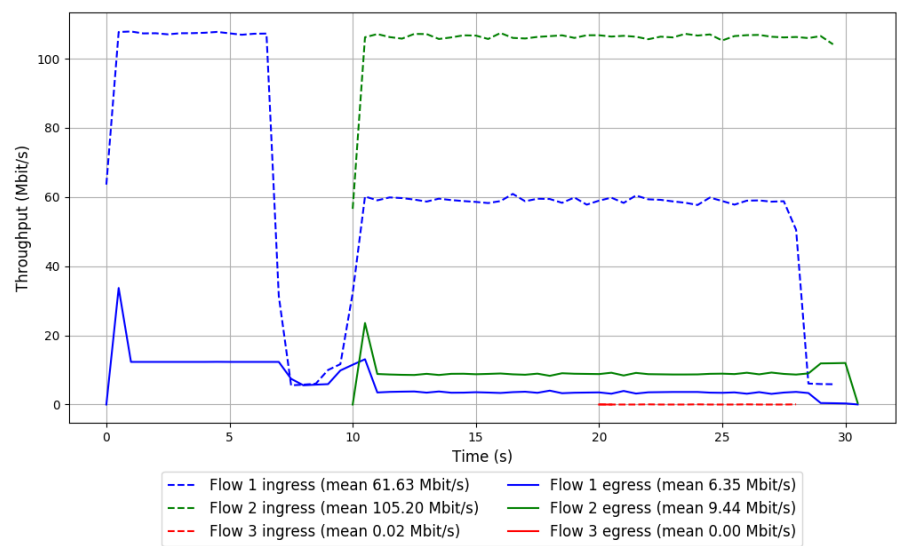


Run 4: Statistics of TaoVA-100x

Start at: 2019-11-24 08:57:27
End at: 2019-11-24 08:57:57
Local clock offset: 5.883 ms
Remote clock offset: -5.419 ms

Below is generated by plot.py at 2019-11-24 09:58:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.63 Mbit/s
95th percentile per-packet one-way delay: 32.242 ms
Loss rate: 90.41%
-- Flow 1:
Average throughput: 6.35 Mbit/s
95th percentile per-packet one-way delay: 33.256 ms
Loss rate: 89.71%
-- Flow 2:
Average throughput: 9.44 Mbit/s
95th percentile per-packet one-way delay: 31.571 ms
Loss rate: 91.03%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 31.266 ms
Loss rate: 99.16%

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

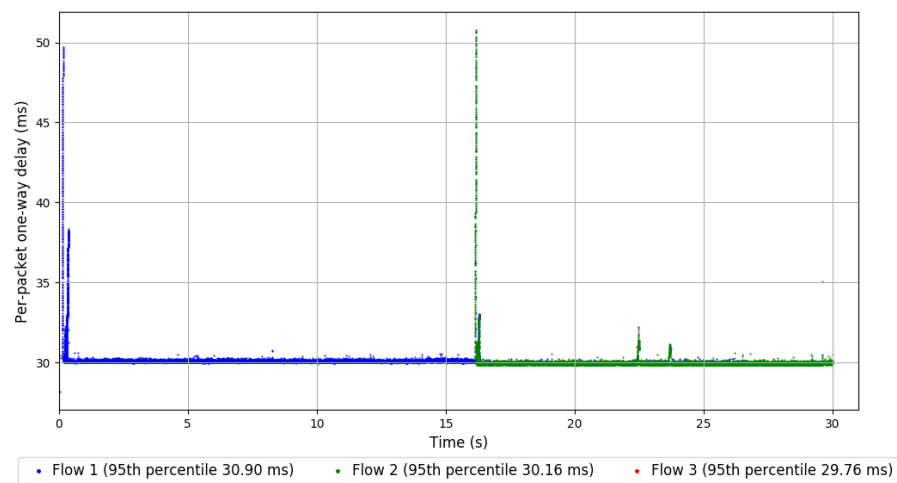
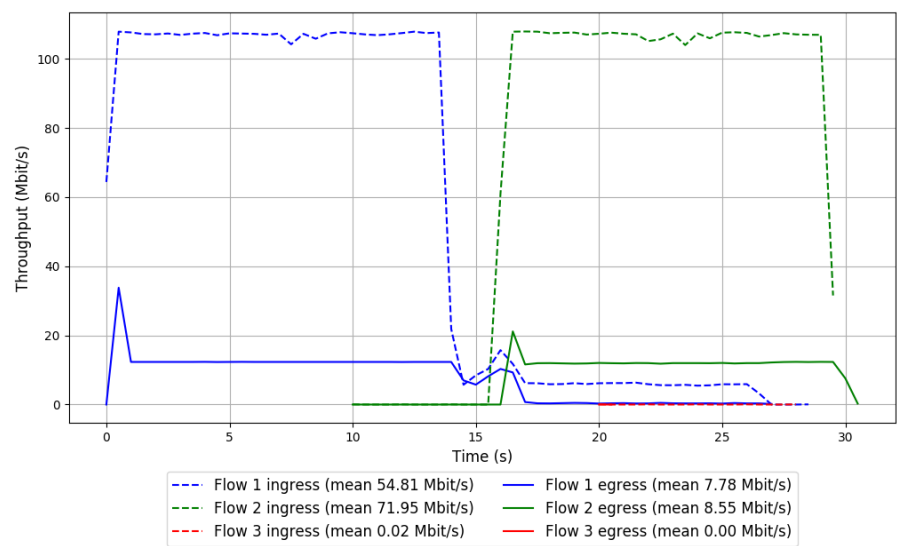


Run 5: Statistics of TaoVA-100x

Start at: 2019-11-24 09:26:38
End at: 2019-11-24 09:27:08
Local clock offset: 6.924 ms
Remote clock offset: -3.101 ms

Below is generated by plot.py at 2019-11-24 09:58:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 30.450 ms
Loss rate: 87.44%
-- Flow 1:
Average throughput: 7.78 Mbit/s
95th percentile per-packet one-way delay: 30.898 ms
Loss rate: 86.82%
-- Flow 2:
Average throughput: 8.55 Mbit/s
95th percentile per-packet one-way delay: 30.163 ms
Loss rate: 88.12%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 29.758 ms
Loss rate: 99.16%

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

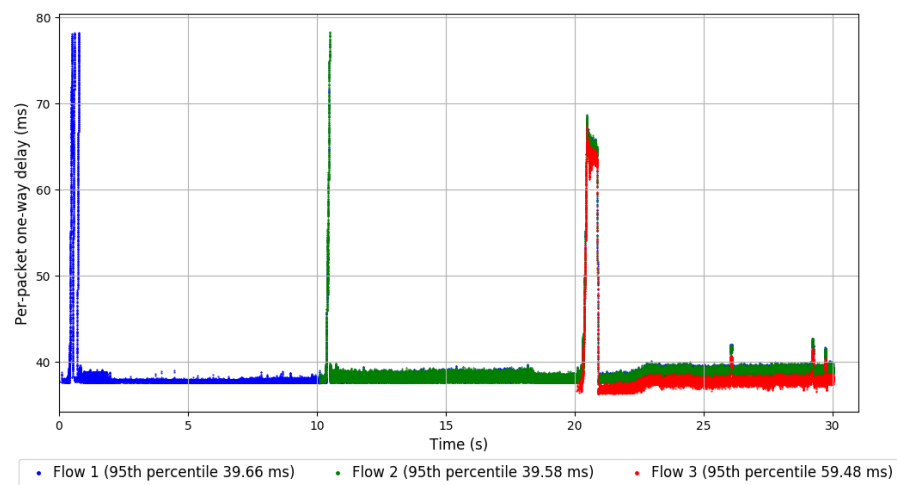
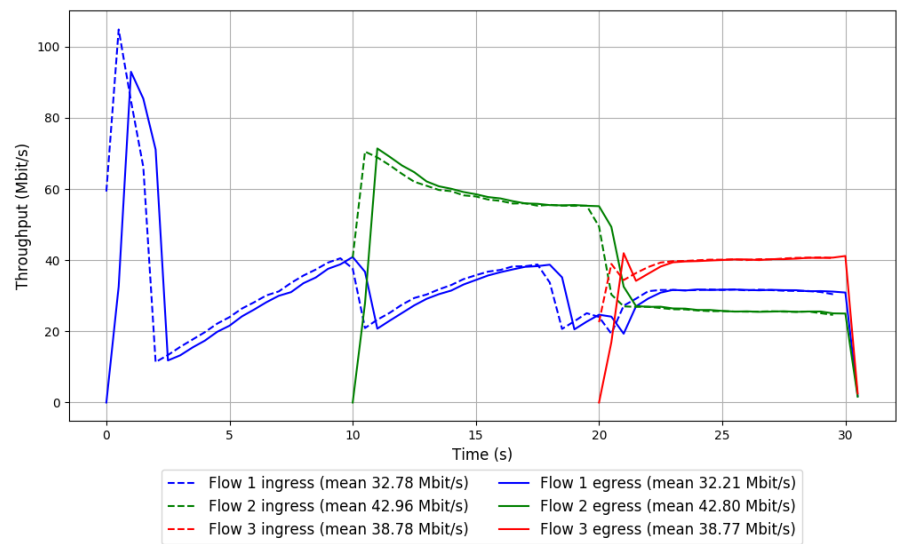


Run 1: Statistics of TCP Vegas

Start at: 2019-11-24 07:34:47
End at: 2019-11-24 07:35:17
Local clock offset: 0.68 ms
Remote clock offset: -4.077 ms

Below is generated by plot.py at 2019-11-24 09:58:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.62 Mbit/s
95th percentile per-packet one-way delay: 39.859 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 39.664 ms
Loss rate: 1.73%
-- Flow 2:
Average throughput: 42.80 Mbit/s
95th percentile per-packet one-way delay: 39.576 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 38.77 Mbit/s
95th percentile per-packet one-way delay: 59.478 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

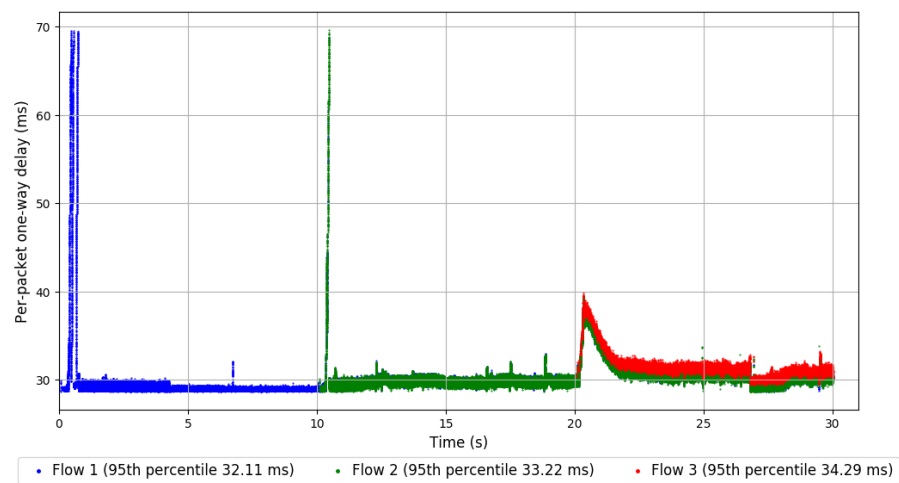
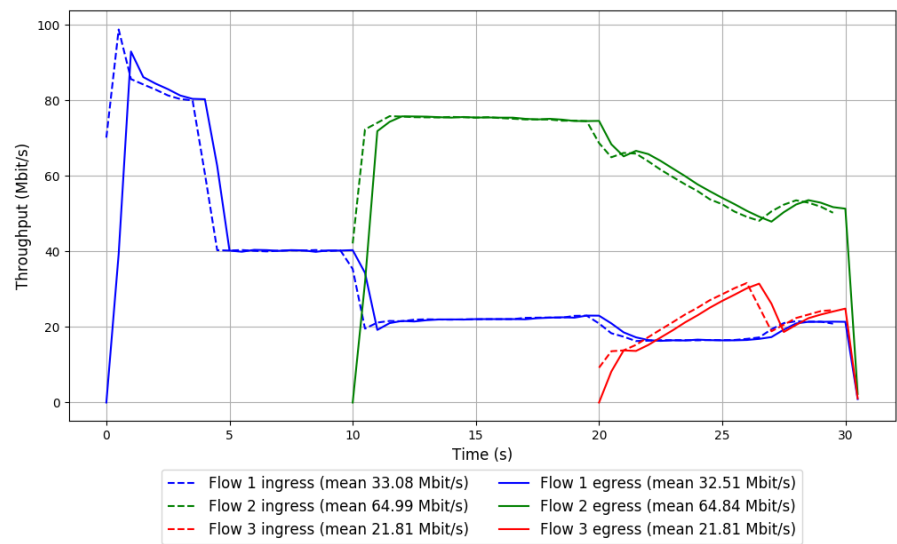


Run 2: Statistics of TCP Vegas

Start at: 2019-11-24 08:05:33
End at: 2019-11-24 08:06:03
Local clock offset: 4.632 ms
Remote clock offset: -6.933 ms

Below is generated by plot.py at 2019-11-24 09:58:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.96 Mbit/s
95th percentile per-packet one-way delay: 33.096 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 32.51 Mbit/s
95th percentile per-packet one-way delay: 32.109 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 64.84 Mbit/s
95th percentile per-packet one-way delay: 33.221 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 21.81 Mbit/s
95th percentile per-packet one-way delay: 34.289 ms
Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link

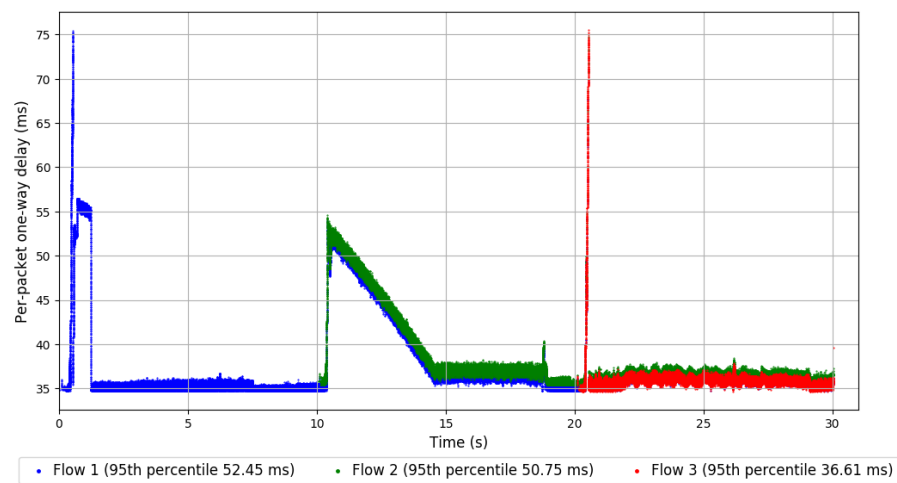
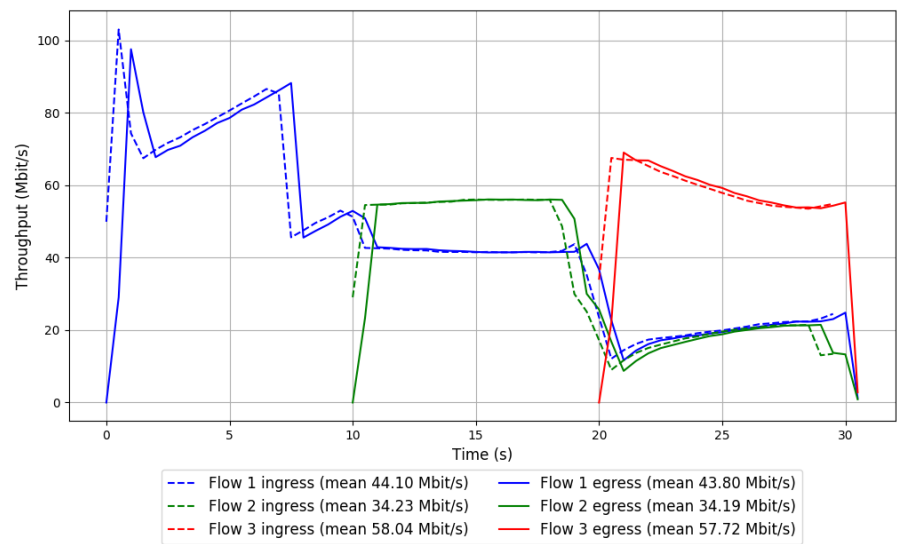


Run 3: Statistics of TCP Vegas

Start at: 2019-11-24 08:36:21
End at: 2019-11-24 08:36:51
Local clock offset: 2.581 ms
Remote clock offset: -5.583 ms

Below is generated by plot.py at 2019-11-24 09:58:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.77 Mbit/s
95th percentile per-packet one-way delay: 50.746 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 43.80 Mbit/s
95th percentile per-packet one-way delay: 52.447 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 34.19 Mbit/s
95th percentile per-packet one-way delay: 50.750 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 57.72 Mbit/s
95th percentile per-packet one-way delay: 36.609 ms
Loss rate: 0.54%

Run 3: Report of TCP Vegas — Data Link

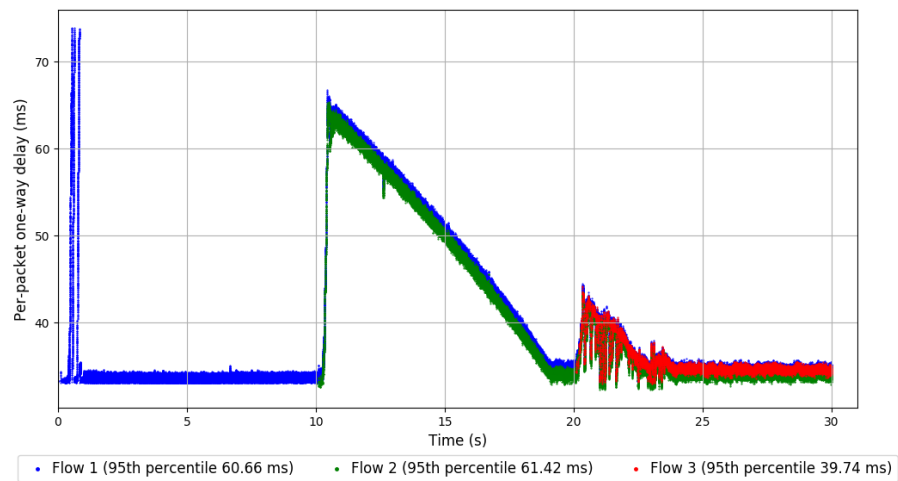
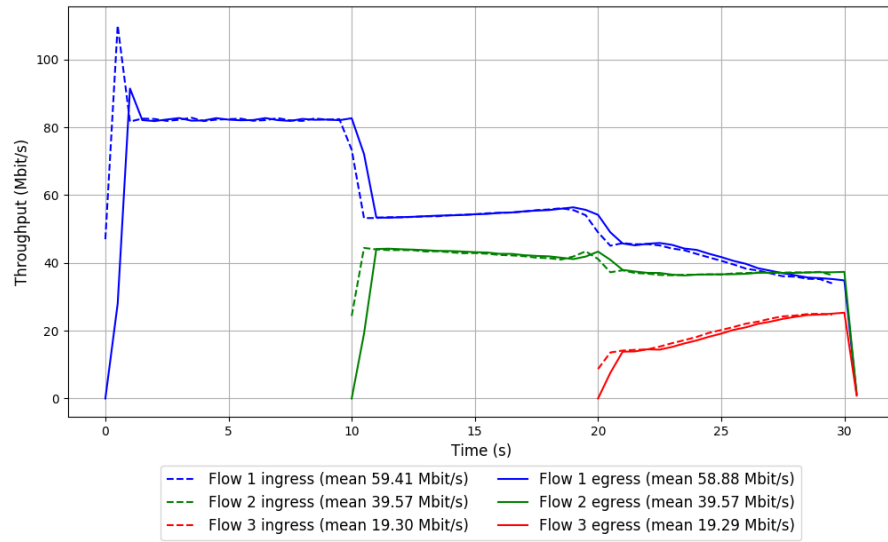


Run 4: Statistics of TCP Vegas

Start at: 2019-11-24 09:05:56
End at: 2019-11-24 09:06:26
Local clock offset: 6.684 ms
Remote clock offset: -3.385 ms

Below is generated by plot.py at 2019-11-24 09:59:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.65 Mbit/s
95th percentile per-packet one-way delay: 60.703 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 60.658 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 61.419 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 19.29 Mbit/s
95th percentile per-packet one-way delay: 39.739 ms
Loss rate: 0.07%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-11-24 09:35:09

End at: 2019-11-24 09:35:39

Local clock offset: 4.952 ms

Remote clock offset: -1.04 ms

Below is generated by plot.py at 2019-11-24 09:59:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 33.12 Mbit/s

95th percentile per-packet one-way delay: 34.175 ms

Loss rate: 1.65%

-- Flow 1:

Average throughput: 18.34 Mbit/s

95th percentile per-packet one-way delay: 37.228 ms

Loss rate: 2.86%

-- Flow 2:

Average throughput: 14.16 Mbit/s

95th percentile per-packet one-way delay: 34.184 ms

Loss rate: 0.10%

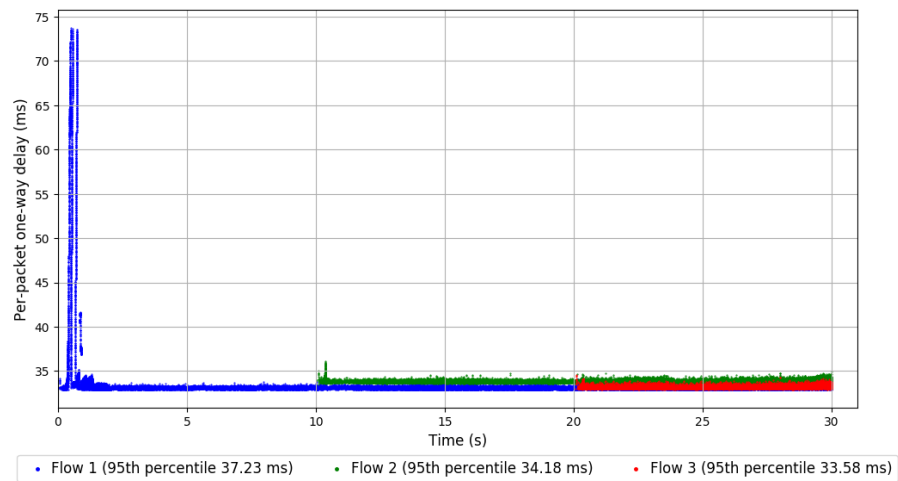
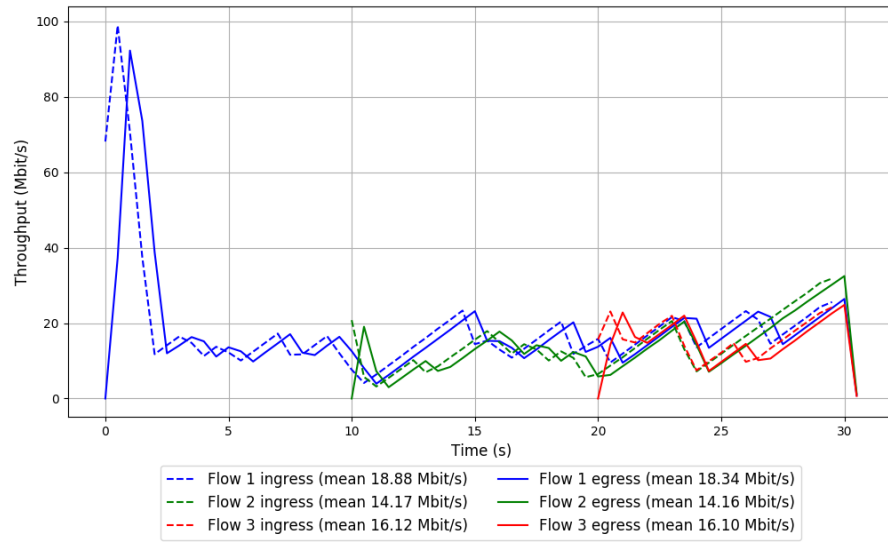
-- Flow 3:

Average throughput: 16.10 Mbit/s

95th percentile per-packet one-way delay: 33.575 ms

Loss rate: 0.10%

Run 5: Report of TCP Vegas — Data Link

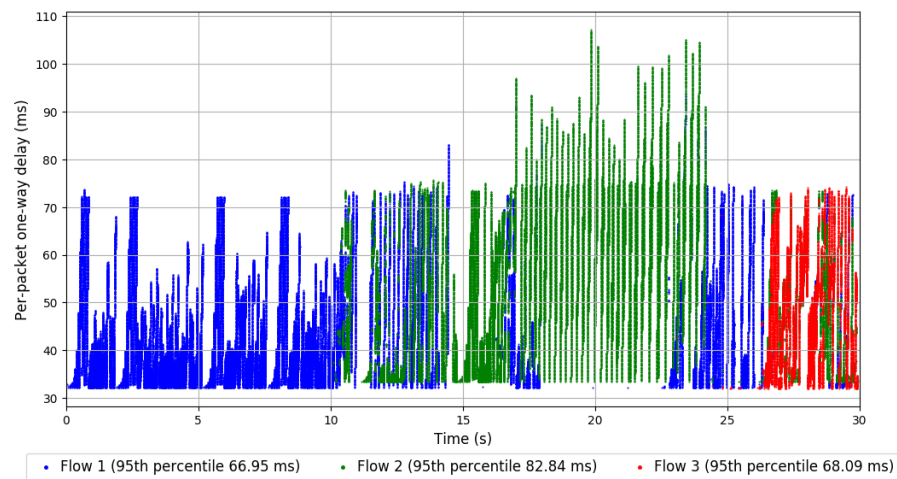
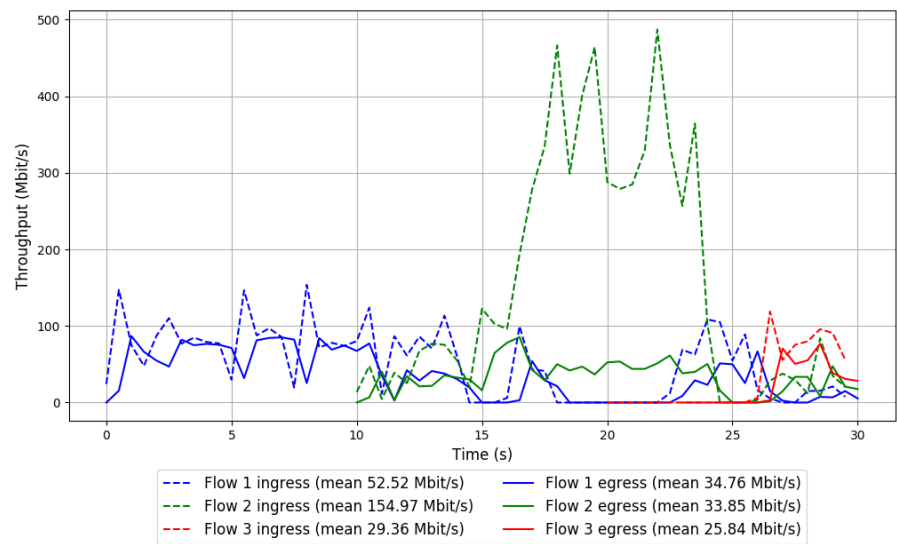


Run 1: Statistics of Verus

Start at: 2019-11-24 07:28:52
End at: 2019-11-24 07:29:22
Local clock offset: 3.759 ms
Remote clock offset: -5.057 ms

Below is generated by plot.py at 2019-11-24 09:59:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.96 Mbit/s
95th percentile per-packet one-way delay: 72.699 ms
Loss rate: 61.82%
-- Flow 1:
Average throughput: 34.76 Mbit/s
95th percentile per-packet one-way delay: 66.953 ms
Loss rate: 33.81%
-- Flow 2:
Average throughput: 33.85 Mbit/s
95th percentile per-packet one-way delay: 82.841 ms
Loss rate: 78.16%
-- Flow 3:
Average throughput: 25.84 Mbit/s
95th percentile per-packet one-way delay: 68.087 ms
Loss rate: 38.88%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-11-24 07:58:36

End at: 2019-11-24 07:59:06

Local clock offset: 1.598 ms

Remote clock offset: -5.47 ms

Below is generated by plot.py at 2019-11-24 09:59:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 66.38 Mbit/s

95th percentile per-packet one-way delay: 67.301 ms

Loss rate: 26.32%

-- Flow 1:

Average throughput: 45.45 Mbit/s

95th percentile per-packet one-way delay: 66.361 ms

Loss rate: 23.75%

-- Flow 2:

Average throughput: 26.63 Mbit/s

95th percentile per-packet one-way delay: 69.263 ms

Loss rate: 32.52%

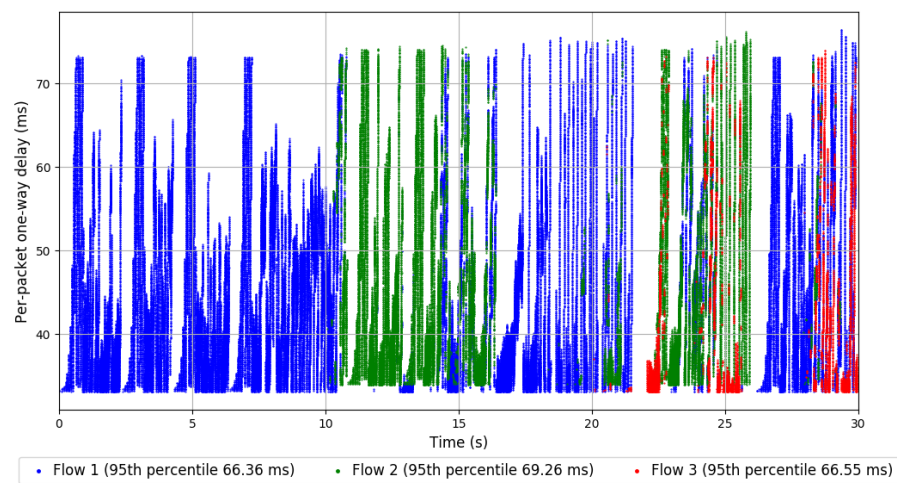
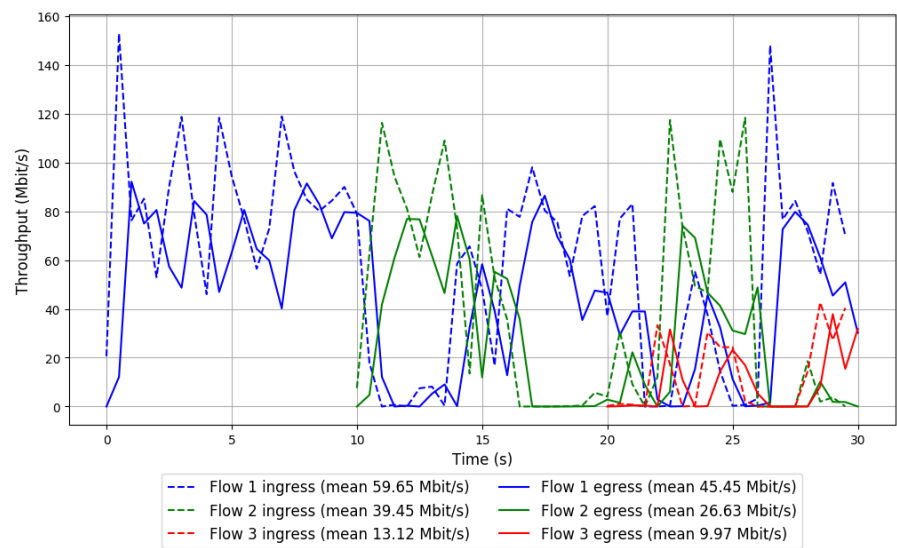
-- Flow 3:

Average throughput: 9.97 Mbit/s

95th percentile per-packet one-way delay: 66.553 ms

Loss rate: 24.06%

Run 2: Report of Verus — Data Link

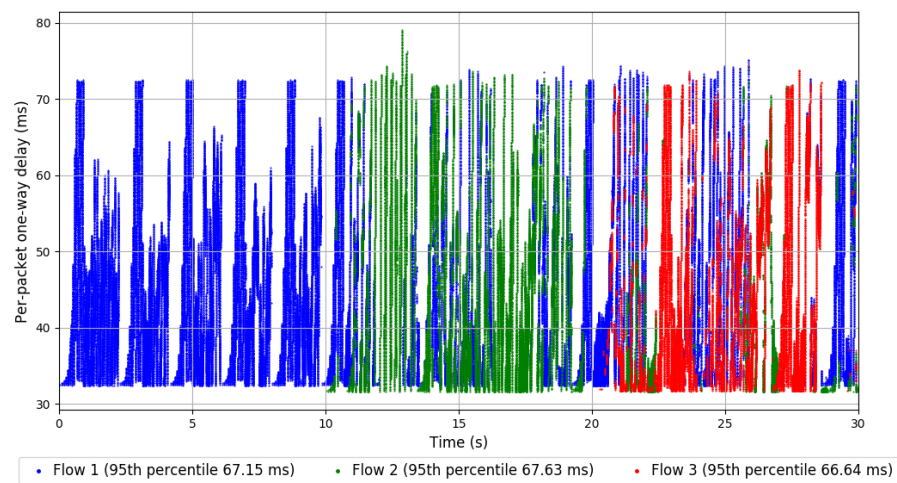
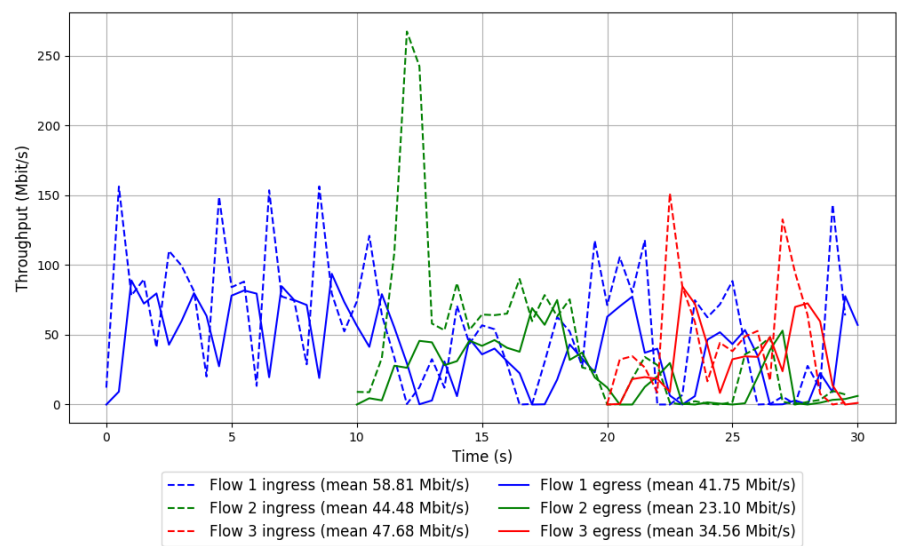


Run 3: Statistics of Verus

Start at: 2019-11-24 08:30:09
End at: 2019-11-24 08:30:39
Local clock offset: 5.521 ms
Remote clock offset: -5.593 ms

Below is generated by plot.py at 2019-11-24 09:59:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.18 Mbit/s
95th percentile per-packet one-way delay: 67.170 ms
Loss rate: 34.21%
-- Flow 1:
Average throughput: 41.75 Mbit/s
95th percentile per-packet one-way delay: 67.151 ms
Loss rate: 29.00%
-- Flow 2:
Average throughput: 23.10 Mbit/s
95th percentile per-packet one-way delay: 67.630 ms
Loss rate: 48.05%
-- Flow 3:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 66.636 ms
Loss rate: 27.48%

Run 3: Report of Verus — Data Link

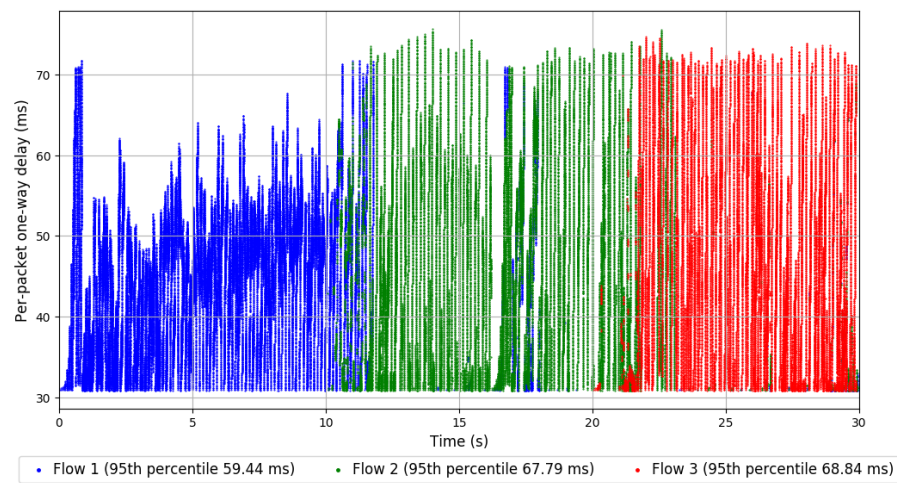
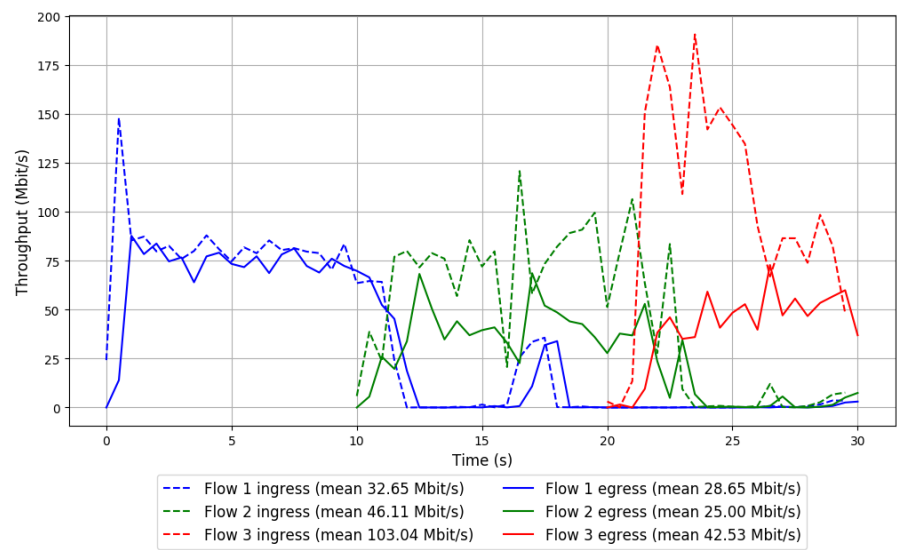


Run 4: Statistics of Verus

Start at: 2019-11-24 08:59:54
End at: 2019-11-24 09:00:24
Local clock offset: 6.047 ms
Remote clock offset: -5.487 ms

```
# Below is generated by plot.py at 2019-11-24 09:59:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 65.987 ms
Loss rate: 39.04%
-- Flow 1:
Average throughput: 28.65 Mbit/s
95th percentile per-packet one-way delay: 59.441 ms
Loss rate: 12.26%
-- Flow 2:
Average throughput: 25.00 Mbit/s
95th percentile per-packet one-way delay: 67.790 ms
Loss rate: 45.82%
-- Flow 3:
Average throughput: 42.53 Mbit/s
95th percentile per-packet one-way delay: 68.842 ms
Loss rate: 58.72%
```

Run 4: Report of Verus — Data Link

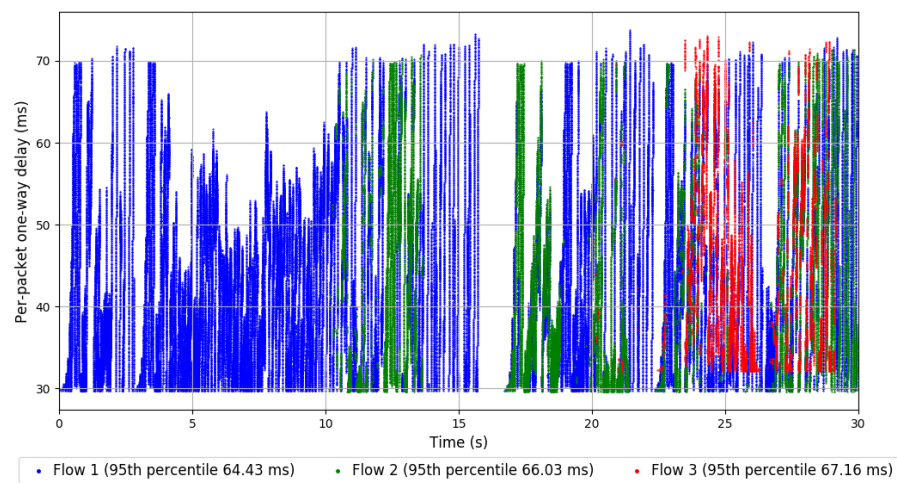
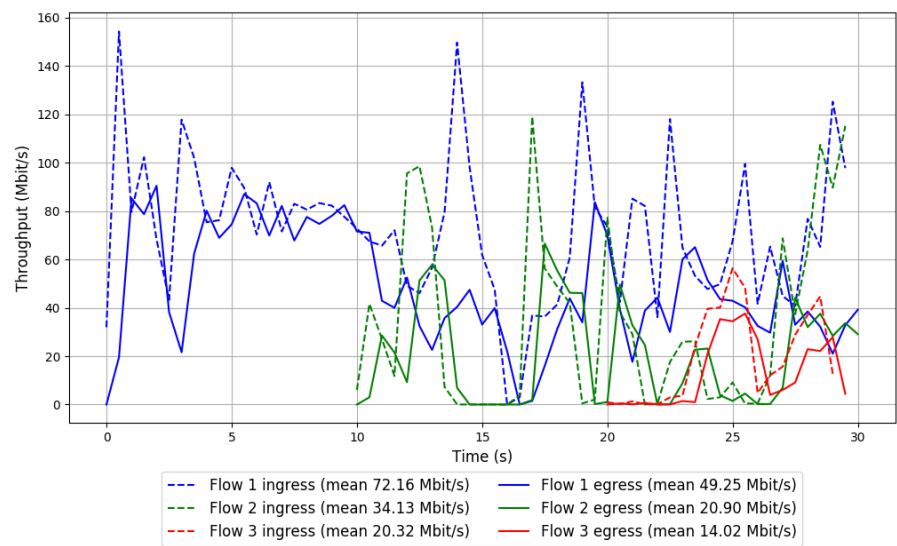


Run 5: Statistics of Verus

Start at: 2019-11-24 09:29:09
End at: 2019-11-24 09:29:39
Local clock offset: 1.521 ms
Remote clock offset: -6.097 ms

Below is generated by plot.py at 2019-11-24 09:59:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.38 Mbit/s
95th percentile per-packet one-way delay: 65.084 ms
Loss rate: 33.33%
-- Flow 1:
Average throughput: 49.25 Mbit/s
95th percentile per-packet one-way delay: 64.433 ms
Loss rate: 31.76%
-- Flow 2:
Average throughput: 20.90 Mbit/s
95th percentile per-packet one-way delay: 66.032 ms
Loss rate: 38.81%
-- Flow 3:
Average throughput: 14.02 Mbit/s
95th percentile per-packet one-way delay: 67.159 ms
Loss rate: 31.57%

Run 5: Report of Verus — Data Link

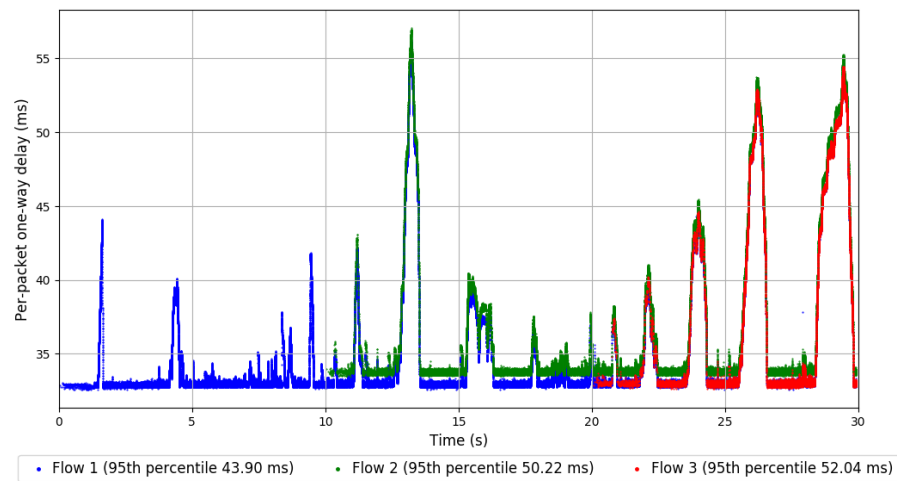
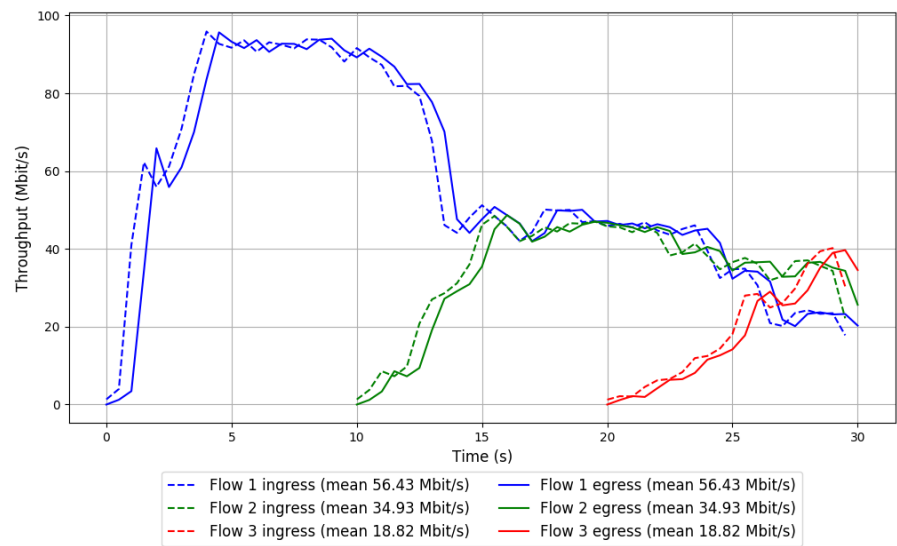


Run 1: Statistics of PCC-Vivace

Start at: 2019-11-24 07:27:36
End at: 2019-11-24 07:28:06
Local clock offset: 3.368 ms
Remote clock offset: -5.235 ms

Below is generated by plot.py at 2019-11-24 09:59:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.87 Mbit/s
95th percentile per-packet one-way delay: 48.918 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.43 Mbit/s
95th percentile per-packet one-way delay: 43.902 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 34.93 Mbit/s
95th percentile per-packet one-way delay: 50.217 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 18.82 Mbit/s
95th percentile per-packet one-way delay: 52.043 ms
Loss rate: 0.02%

Run 1: Report of PCC-Vivace — Data Link

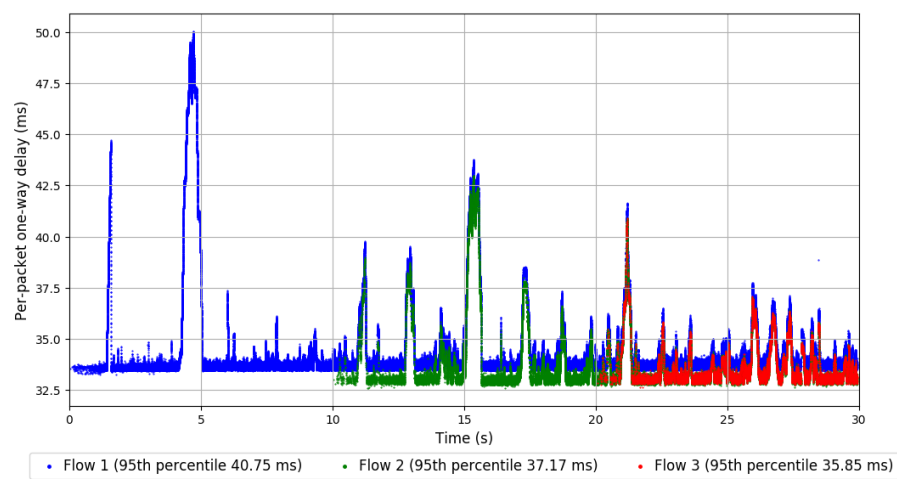
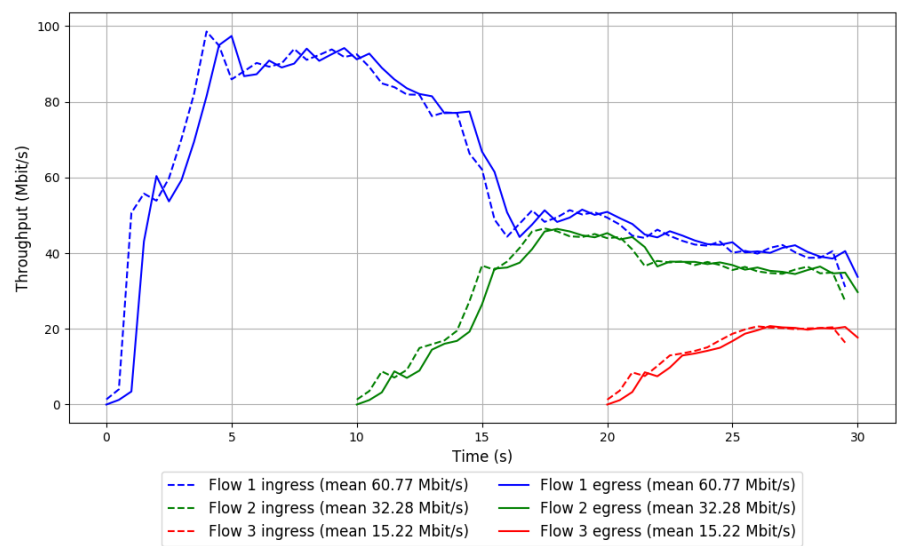


Run 2: Statistics of PCC-Vivace

Start at: 2019-11-24 07:57:17
End at: 2019-11-24 07:57:47
Local clock offset: 1.758 ms
Remote clock offset: -5.633 ms

Below is generated by plot.py at 2019-11-24 09:59:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 38.838 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.77 Mbit/s
95th percentile per-packet one-way delay: 40.754 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 37.166 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.22 Mbit/s
95th percentile per-packet one-way delay: 35.847 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

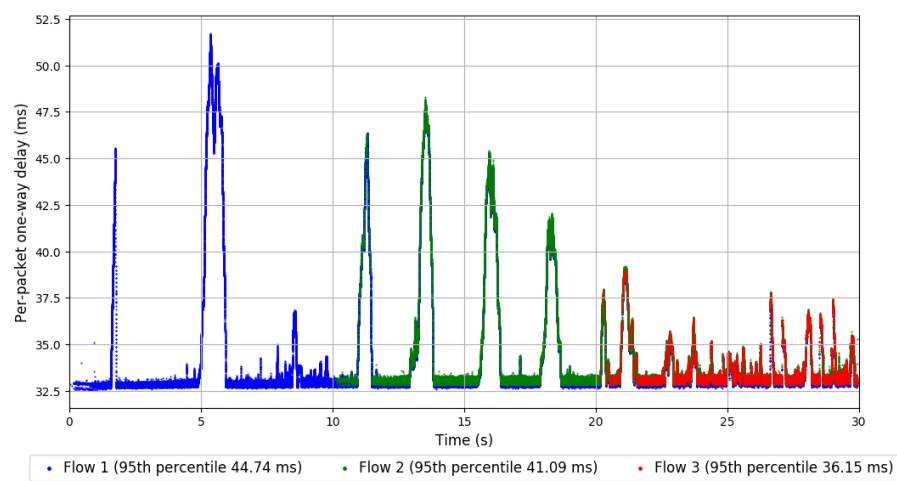
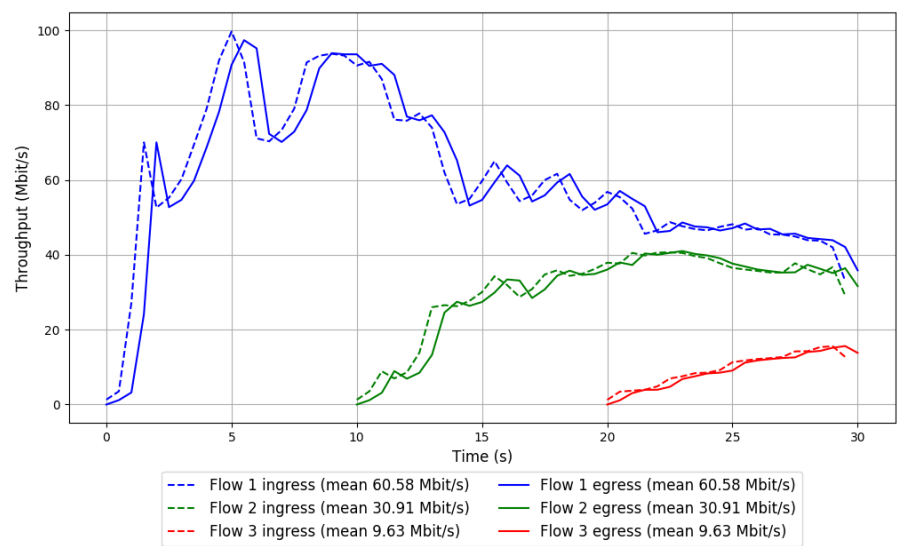


Run 3: Statistics of PCC-Vivace

Start at: 2019-11-24 08:28:49
End at: 2019-11-24 08:29:19
Local clock offset: 6.544 ms
Remote clock offset: -4.154 ms

```
# Below is generated by plot.py at 2019-11-24 09:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.31 Mbit/s
95th percentile per-packet one-way delay: 43.443 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.58 Mbit/s
95th percentile per-packet one-way delay: 44.738 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.91 Mbit/s
95th percentile per-packet one-way delay: 41.094 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 9.63 Mbit/s
95th percentile per-packet one-way delay: 36.151 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Vivace — Data Link

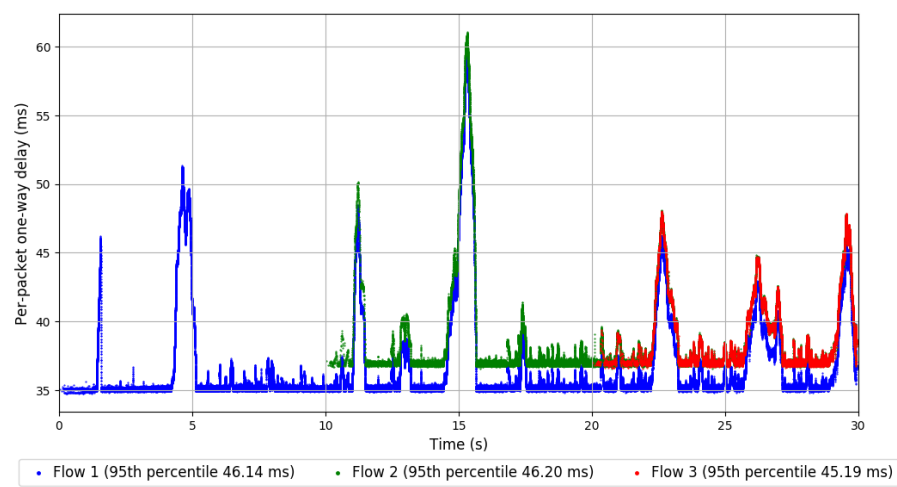
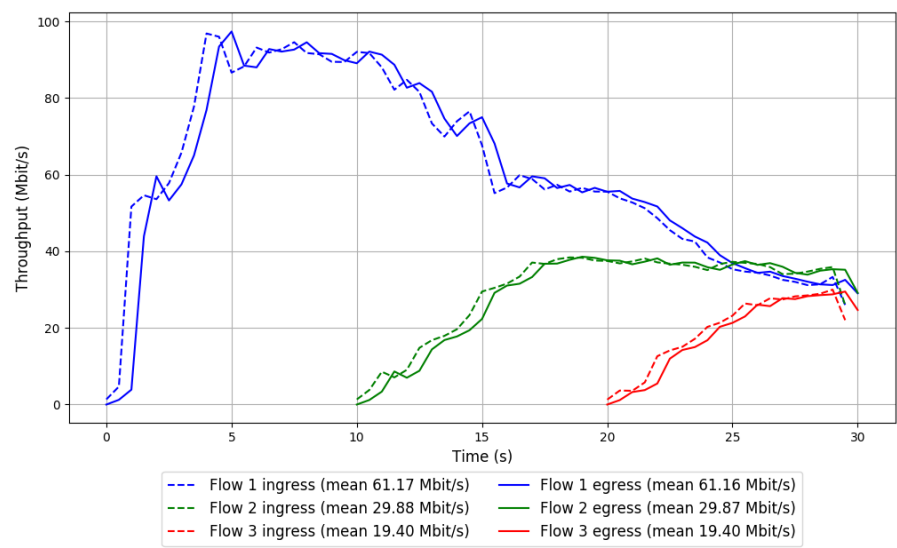


Run 4: Statistics of PCC-Vivace

Start at: 2019-11-24 08:58:38
End at: 2019-11-24 08:59:08
Local clock offset: 2.195 ms
Remote clock offset: -3.551 ms

```
# Below is generated by plot.py at 2019-11-24 10:00:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.45 Mbit/s
95th percentile per-packet one-way delay: 46.026 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 61.16 Mbit/s
95th percentile per-packet one-way delay: 46.144 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 29.87 Mbit/s
95th percentile per-packet one-way delay: 46.198 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 19.40 Mbit/s
95th percentile per-packet one-way delay: 45.193 ms
Loss rate: 0.03%
```

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-11-24 09:27:48

End at: 2019-11-24 09:28:18

Local clock offset: 6.742 ms

Remote clock offset: -4.71 ms

Below is generated by plot.py at 2019-11-24 10:00:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.04 Mbit/s

95th percentile per-packet one-way delay: 42.177 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 60.98 Mbit/s

95th percentile per-packet one-way delay: 41.236 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 31.46 Mbit/s

95th percentile per-packet one-way delay: 44.046 ms

Loss rate: 0.01%

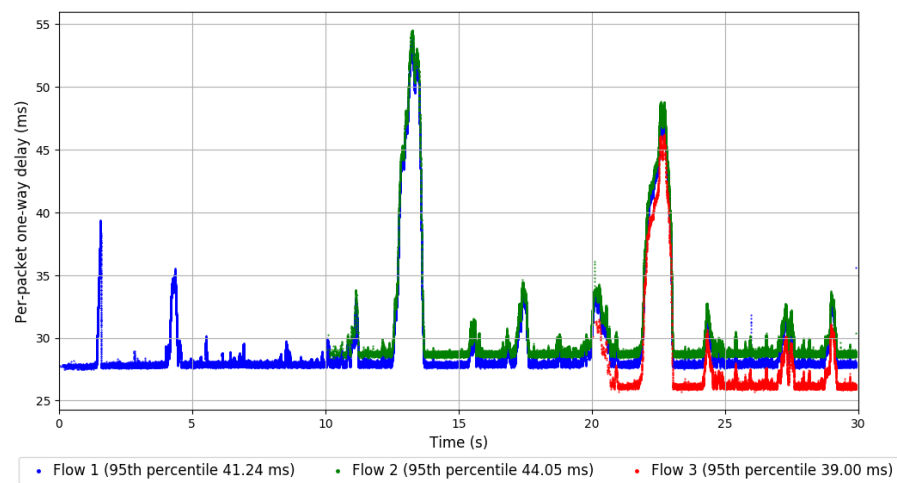
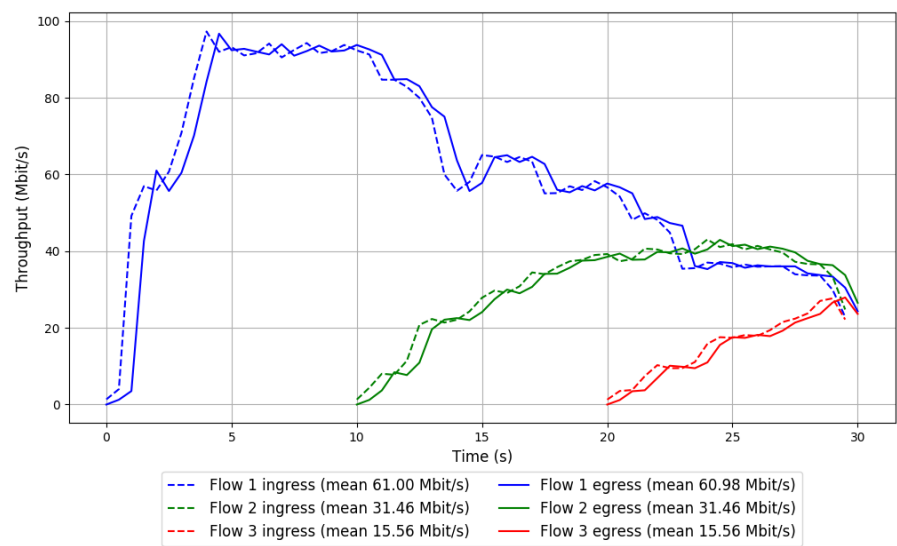
-- Flow 3:

Average throughput: 15.56 Mbit/s

95th percentile per-packet one-way delay: 39.003 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

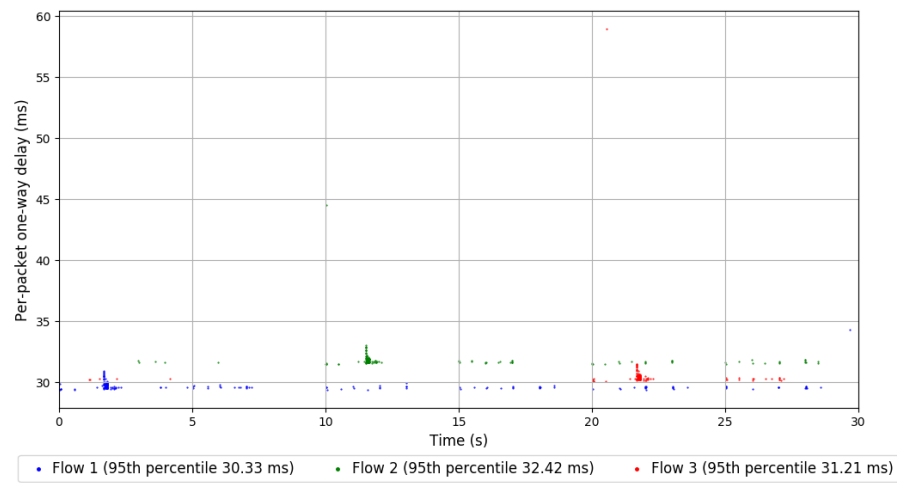
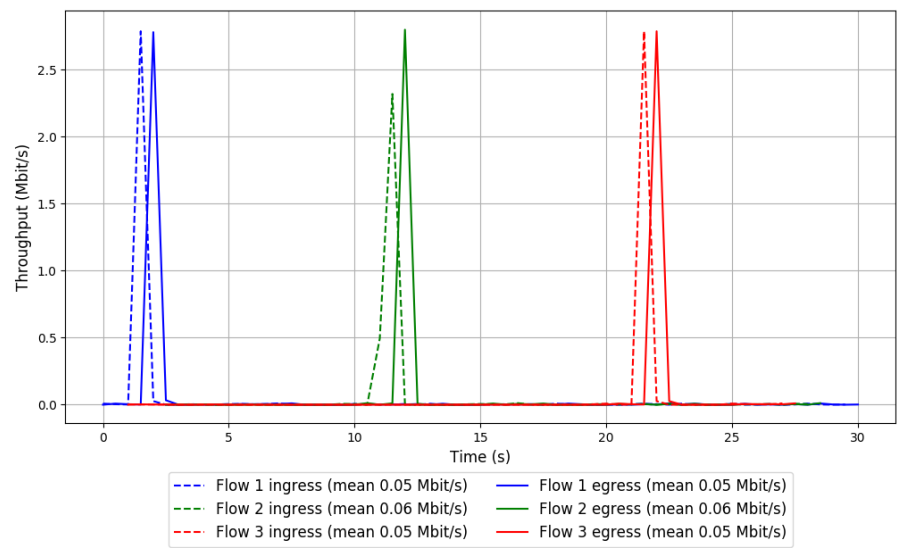


Run 1: Statistics of WebRTC media

Start at: 2019-11-24 07:38:22
End at: 2019-11-24 07:38:52
Local clock offset: 6.767 ms
Remote clock offset: -4.024 ms

Below is generated by plot.py at 2019-11-24 10:00:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 31.955 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 30.331 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 32.417 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.211 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

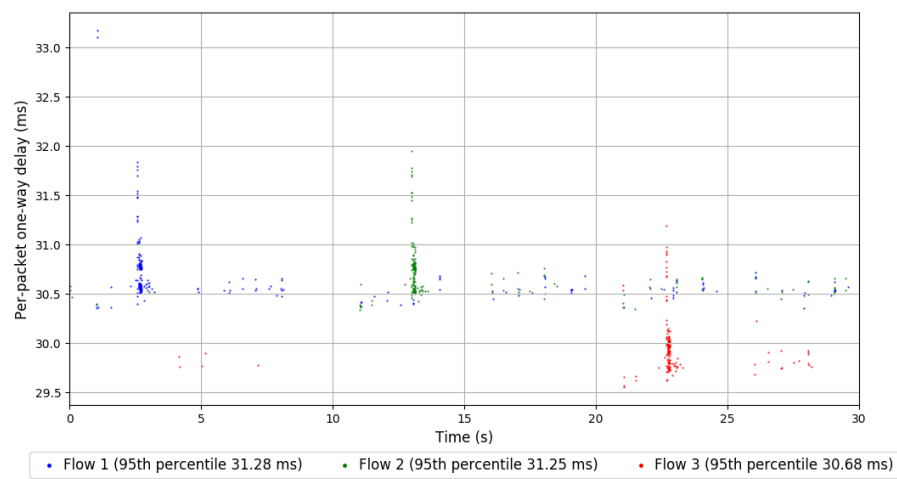
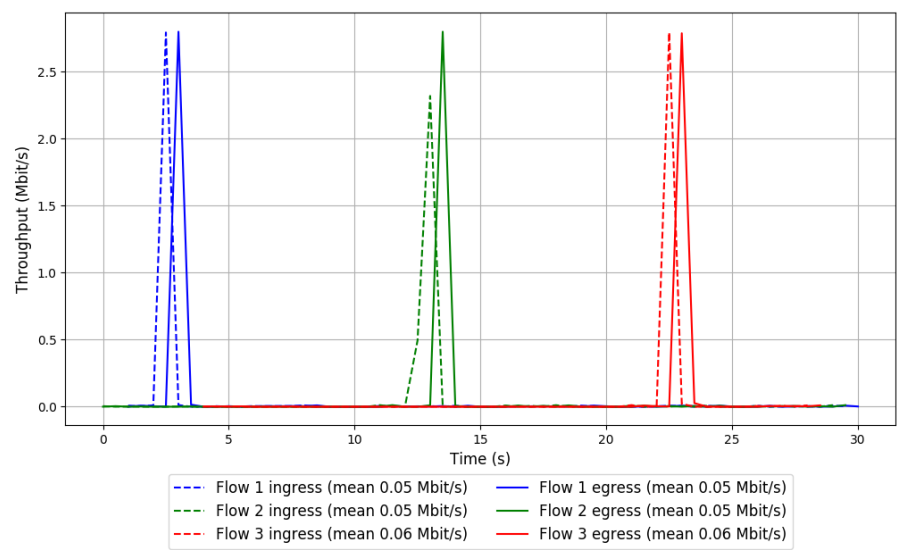


Run 2: Statistics of WebRTC media

Start at: 2019-11-24 08:09:23
End at: 2019-11-24 08:09:53
Local clock offset: 6.256 ms
Remote clock offset: -4.109 ms

Below is generated by plot.py at 2019-11-24 10:00:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 31.033 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.282 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.248 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.682 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

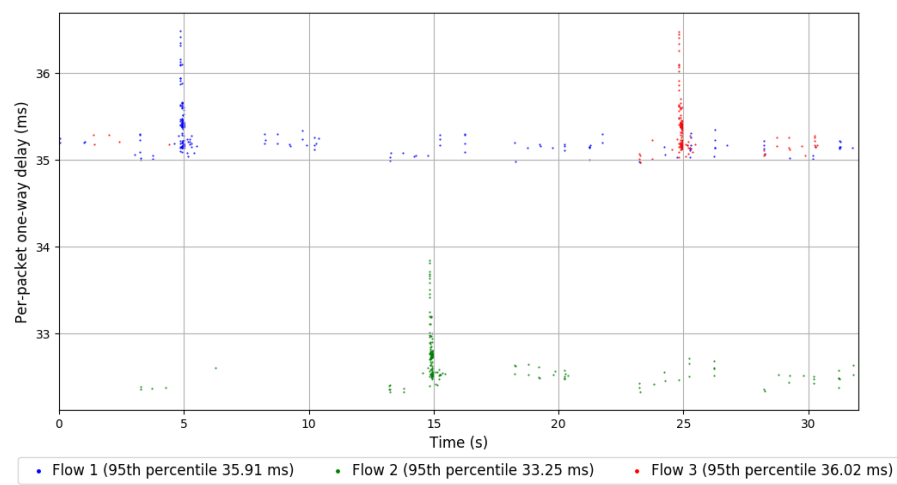
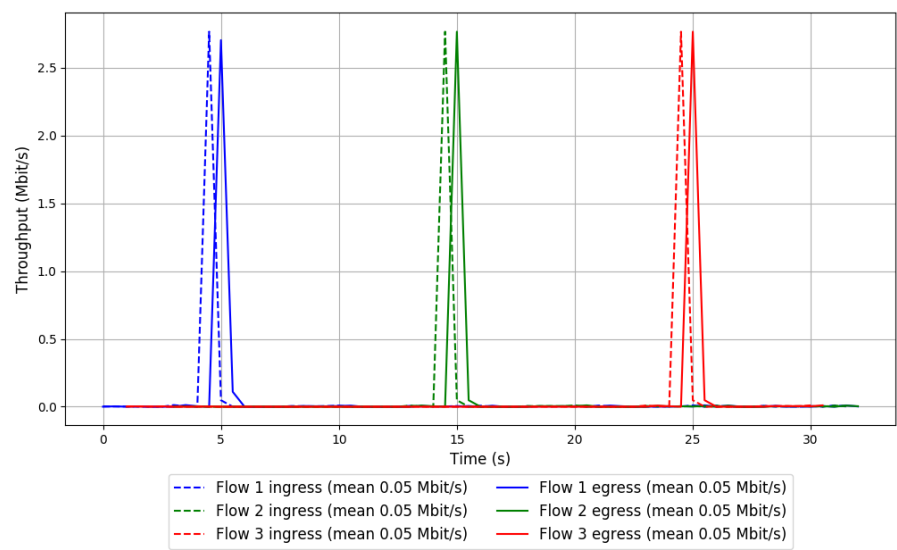


Run 3: Statistics of WebRTC media

Start at: 2019-11-24 08:40:06
End at: 2019-11-24 08:40:36
Local clock offset: 4.25 ms
Remote clock offset: -3.438 ms

```
# Below is generated by plot.py at 2019-11-24 10:00:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 35.650 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 35.906 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 33.253 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 36.019 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

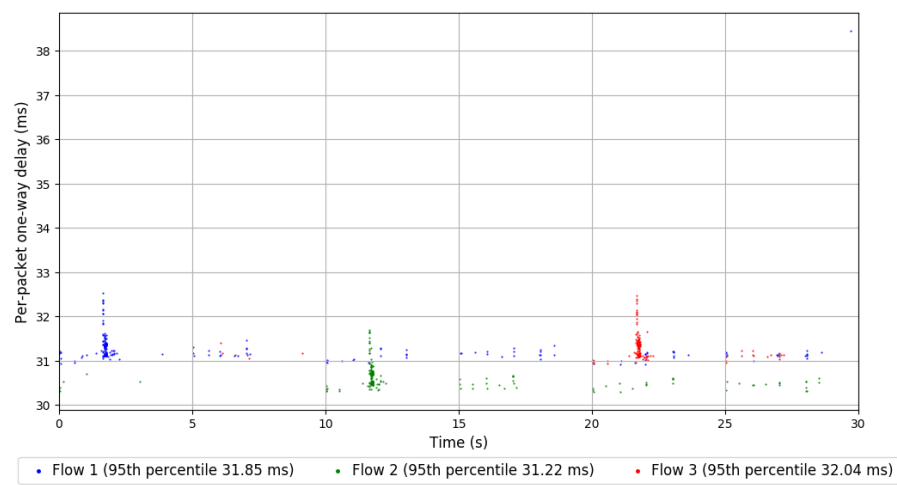
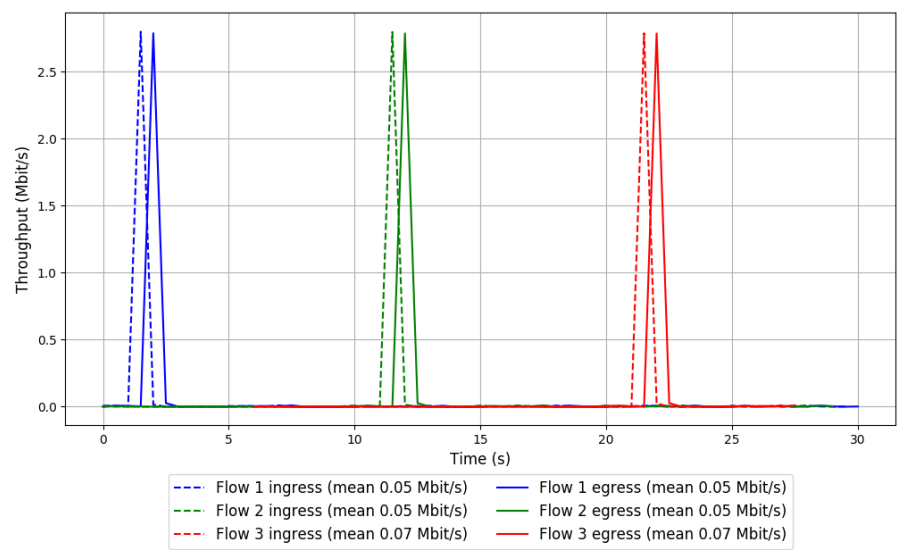


Run 4: Statistics of WebRTC media

Start at: 2019-11-24 09:09:38
End at: 2019-11-24 09:10:08
Local clock offset: 6.358 ms
Remote clock offset: -5.573 ms

```
# Below is generated by plot.py at 2019-11-24 10:00:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 31.638 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.850 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.219 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 32.041 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-11-24 09:38:50
End at: 2019-11-24 09:39:20
Local clock offset: 6.87 ms
Remote clock offset: -4.614 ms

```
# Below is generated by plot.py at 2019-11-24 10:00:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 27.703 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 28.086 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 27.111 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 27.367 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

