

Pantheon Report

Generated at 2019-12-11 09:36:34 (UTC).

Data path: AWS California 2 on `ens5` (*local*) → Mexico 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 `time.stanford.edu` and have been applied to correct the timestamps in logs.

System info:

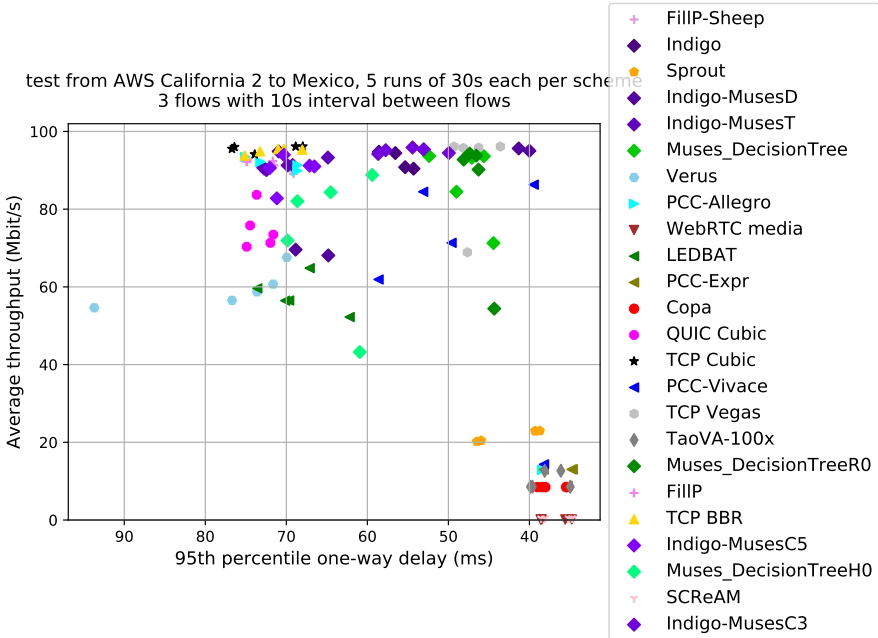
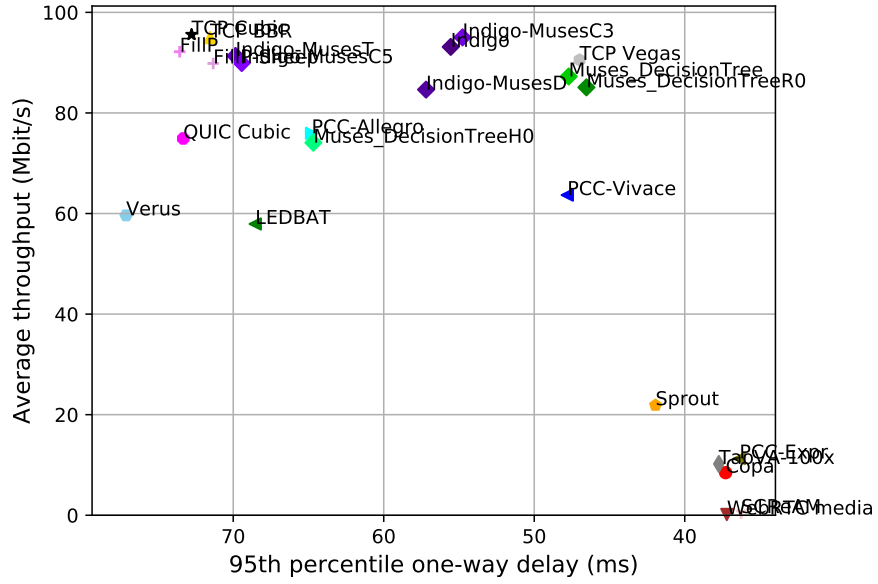
```
Linux 4.15.0-1054-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ de42328552b3776a75a932a94dfafd722537b0ec
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
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 California 2 to Mexico, 5 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	64.68	30.06	31.04	70.34	72.49	73.70	6.26	8.60	10.98
Copa	5	0.00	9.83	5.80	36.79	37.48	36.95	97.47	56.20	63.22
TCP Cubic	5	71.56	27.05	18.11	72.55	72.65	68.63	0.98	0.69	0.65
FillP	5	57.20	41.58	22.27	72.02	74.84	74.68	30.75	48.40	54.26
FillP-Sheep	5	56.28	42.25	16.53	69.84	72.71	71.48	9.07	16.15	15.78
Indigo	5	64.49	29.57	27.69	52.41	58.01	61.40	0.22	0.14	0.59
Indigo-MusesC3	5	60.06	38.89	33.68	50.98	55.44	62.77	0.19	0.39	1.91
Indigo-MusesC5	5	58.06	46.97	5.07	67.71	71.06	70.48	10.20	17.23	18.11
Indigo-MusesD	5	48.40	42.50	29.75	51.90	59.03	49.27	1.98	4.34	2.29
Indigo-MusesT	5	58.87	48.62	3.61	67.48	71.79	72.50	15.78	27.22	28.14
LEDBAT	5	36.66	24.66	14.81	67.83	69.59	52.75	0.15	0.17	0.17
Muses_DecisionTree	5	47.59	30.35	60.45	45.19	49.08	50.95	0.15	0.15	0.37
Muses_DecisionTreeH0	5	58.35	20.73	6.37	63.68	65.23	65.93	6.11	9.93	10.07
Muses_DecisionTreeR0	5	50.35	35.14	35.43	45.64	48.05	47.39	0.17	0.19	0.00
PCC-Allegro	5	65.79	8.91	12.83	64.76	63.80	62.88	5.01	3.60	4.32
PCC-Expr	5	5.43	6.68	4.63	36.19	36.34	36.30	56.37	30.27	33.81
QUIC Cubic	5	57.09	19.59	14.62	73.24	73.47	73.54	3.61	1.15	1.32
SCReAM	5	0.22	0.22	0.22	36.26	36.22	36.16	0.00	0.00	0.00
Sprout	5	10.96	11.07	10.79	41.60	42.03	42.55	0.00	0.01	0.00
TaoVA-100x	5	2.74	10.21	2.62	37.86	37.47	38.12	83.18	72.89	74.97
TCP Vegas	5	66.86	27.80	15.49	46.33	47.97	46.29	0.29	0.08	0.00
Verus	5	38.09	27.36	12.67	76.23	78.18	74.12	37.36	48.31	31.18
PCC-Vivace	5	45.41	20.23	14.54	45.99	49.48	54.73	0.24	0.38	1.56
WebRTC media	5	0.05	0.06	0.05	37.22	37.24	37.17	0.00	0.00	0.01

Run 1: Statistics of TCP BBR

Start at: 2019-12-11 07:02:57

End at: 2019-12-11 07:03:27

Local clock offset: 2.174 ms

Remote clock offset: 4.982 ms

Below is generated by plot.py at 2019-12-11 09:23:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.89 Mbit/s

95th percentile per-packet one-way delay: 73.249 ms

Loss rate: 6.78%

-- Flow 1:

Average throughput: 65.29 Mbit/s

95th percentile per-packet one-way delay: 72.259 ms

Loss rate: 5.94%

-- Flow 2:

Average throughput: 31.87 Mbit/s

95th percentile per-packet one-way delay: 74.439 ms

Loss rate: 7.87%

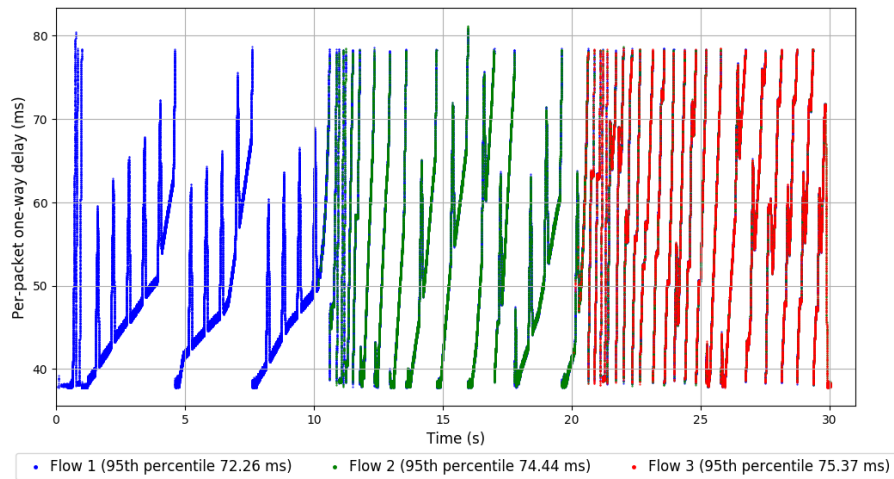
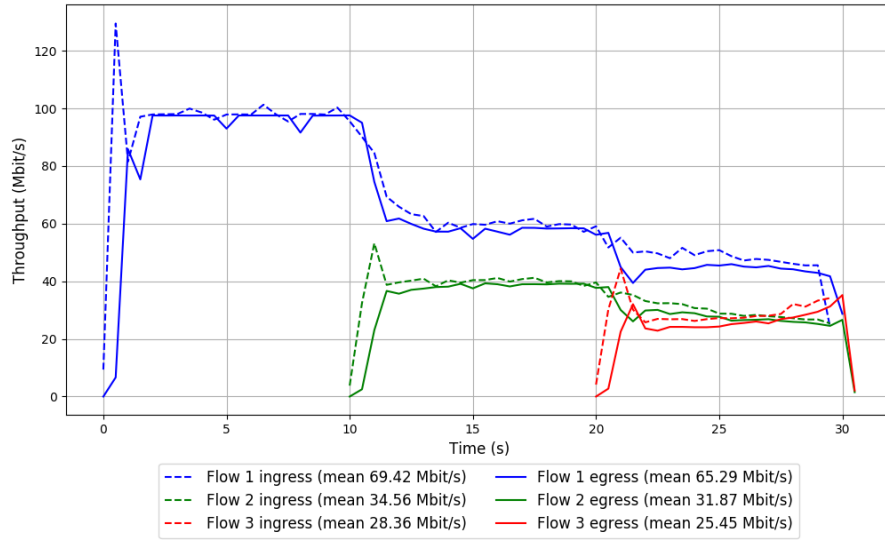
-- Flow 3:

Average throughput: 25.45 Mbit/s

95th percentile per-packet one-way delay: 75.369 ms

Loss rate: 10.30%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-12-11 07:38:41
End at: 2019-12-11 07:39:11
Local clock offset: 1.368 ms
Remote clock offset: -3.927 ms

Below is generated by plot.py at 2019-12-11 09:23:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.79 Mbit/s
95th percentile per-packet one-way delay: 75.140 ms
Loss rate: 9.04%

-- Flow 1:

Average throughput: 66.90 Mbit/s
95th percentile per-packet one-way delay: 74.591 ms
Loss rate: 8.71%

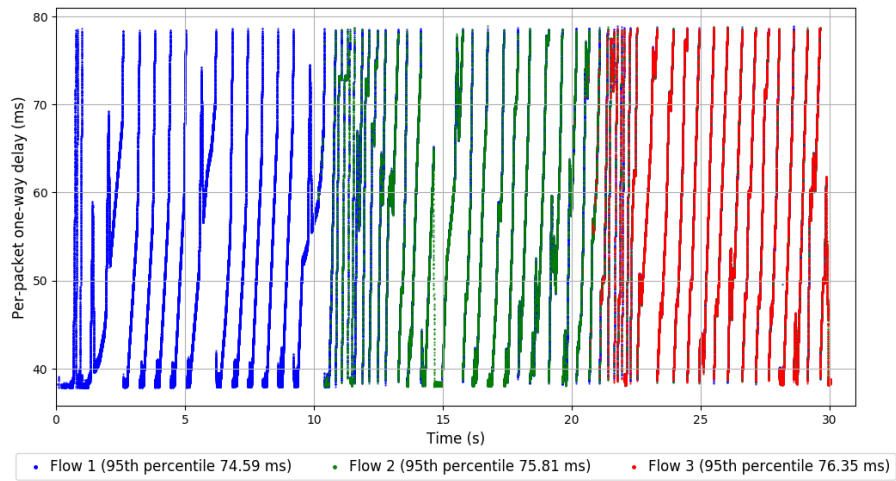
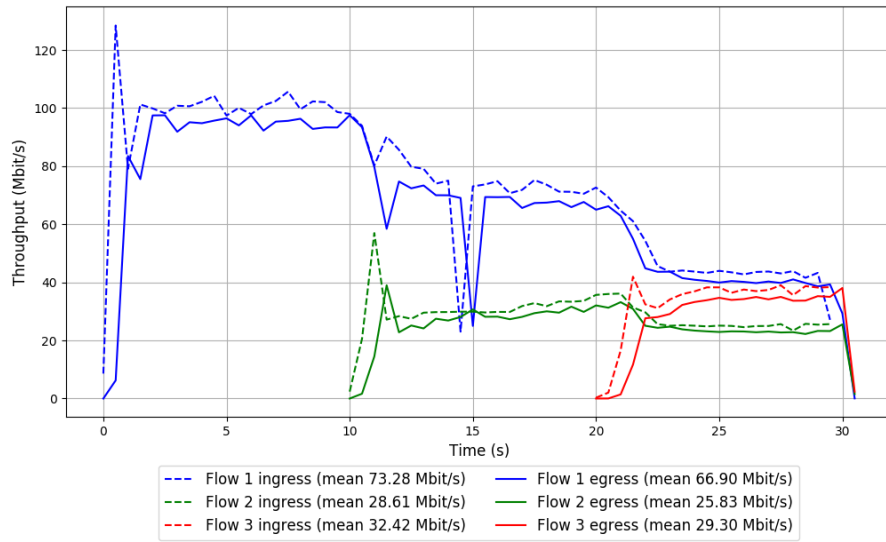
-- Flow 2:

Average throughput: 25.83 Mbit/s
95th percentile per-packet one-way delay: 75.807 ms
Loss rate: 9.82%

-- Flow 3:

Average throughput: 29.30 Mbit/s
95th percentile per-packet one-way delay: 76.353 ms
Loss rate: 9.87%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-12-11 08:20:11
End at: 2019-12-11 08:20:41
Local clock offset: 1.06 ms
Remote clock offset: -18.603 ms

Below is generated by plot.py at 2019-12-11 09:23:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 71.004 ms
Loss rate: 8.37%

-- Flow 1:

Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 69.017 ms
Loss rate: 6.25%

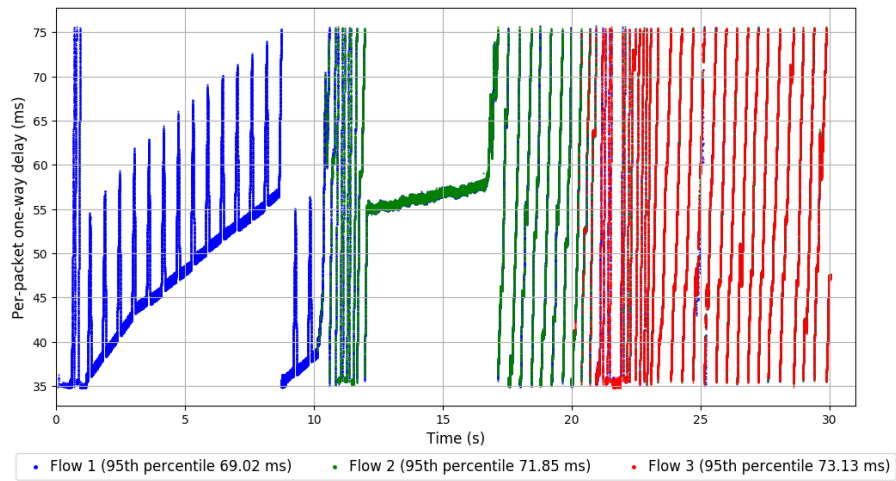
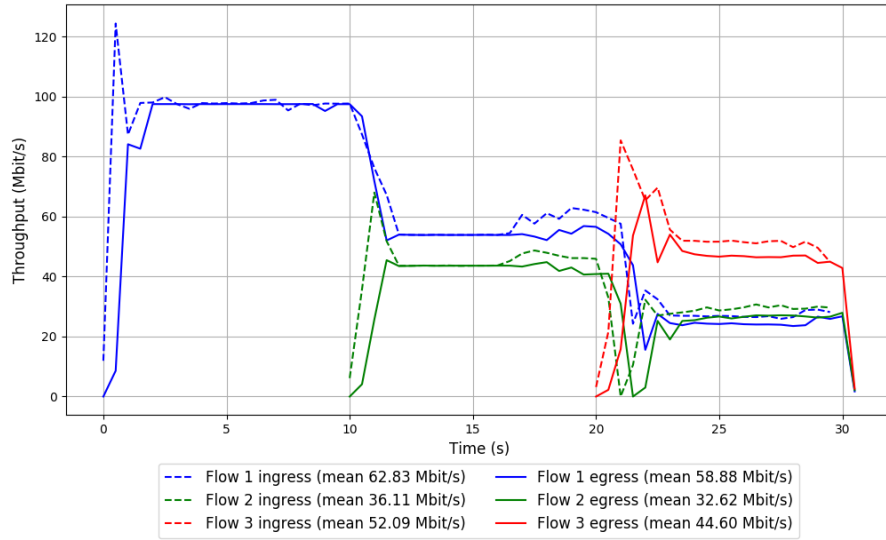
-- Flow 2:

Average throughput: 32.62 Mbit/s
95th percentile per-packet one-way delay: 71.846 ms
Loss rate: 9.65%

-- Flow 3:

Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 73.131 ms
Loss rate: 14.32%

Run 3: Report of TCP BBR — Data Link

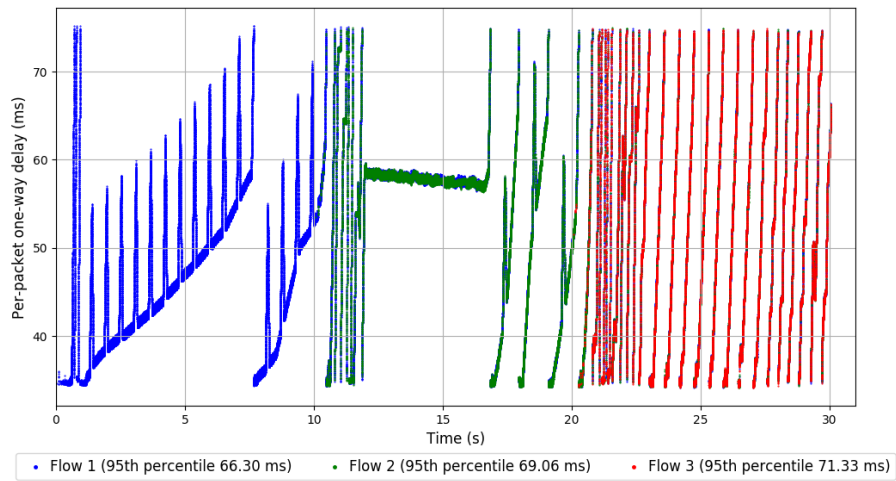
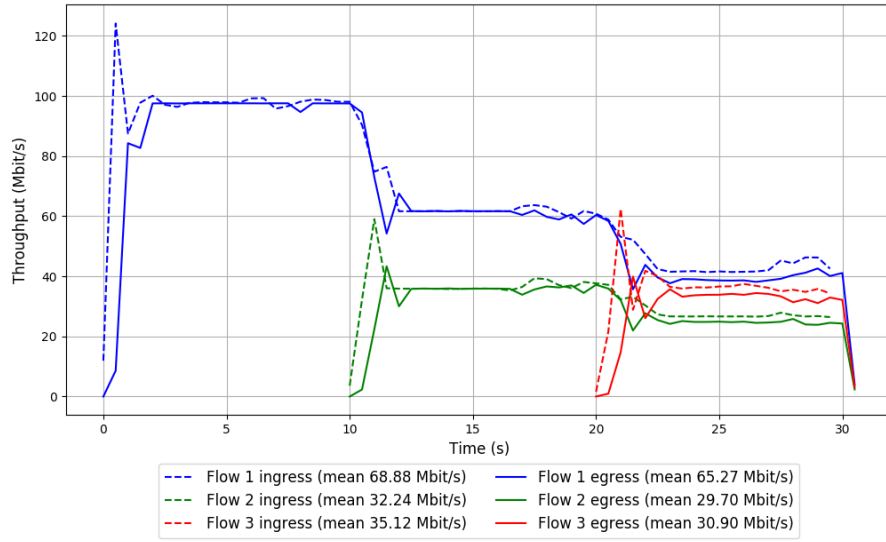


Run 4: Statistics of TCP BBR

Start at: 2019-12-11 08:49:41
End at: 2019-12-11 08:50:11
Local clock offset: -1.578 ms
Remote clock offset: -9.072 ms

```
# Below is generated by plot.py at 2019-12-11 09:23:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.33 Mbit/s
95th percentile per-packet one-way delay: 68.028 ms
Loss rate: 6.47%
-- Flow 1:
Average throughput: 65.27 Mbit/s
95th percentile per-packet one-way delay: 66.302 ms
Loss rate: 5.14%
-- Flow 2:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 69.060 ms
Loss rate: 7.80%
-- Flow 3:
Average throughput: 30.90 Mbit/s
95th percentile per-packet one-way delay: 71.330 ms
Loss rate: 11.89%
```

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-12-11 09:19:43

End at: 2019-12-11 09:20:13

Local clock offset: -2.497 ms

Remote clock offset: 3.687 ms

Below is generated by plot.py at 2019-12-11 09:23:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.51 Mbit/s

95th percentile per-packet one-way delay: 70.276 ms

Loss rate: 6.13%

-- Flow 1:

Average throughput: 67.07 Mbit/s

95th percentile per-packet one-way delay: 69.517 ms

Loss rate: 5.28%

-- Flow 2:

Average throughput: 30.26 Mbit/s

95th percentile per-packet one-way delay: 71.294 ms

Loss rate: 7.88%

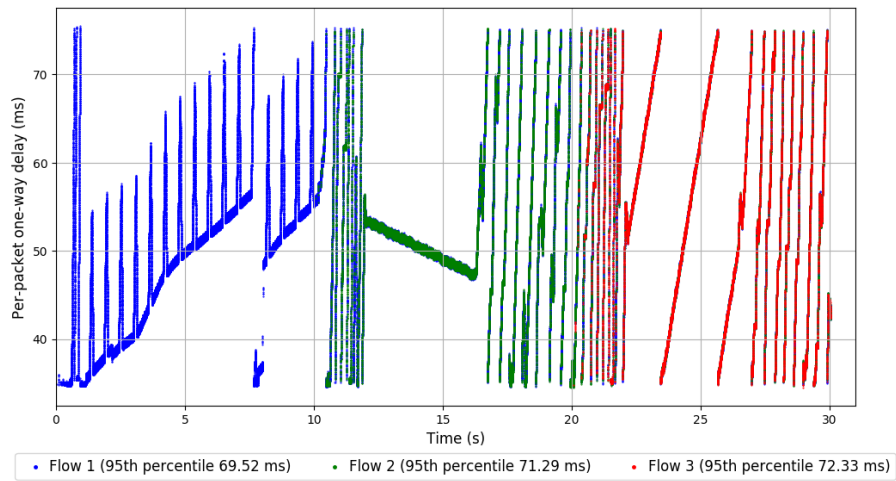
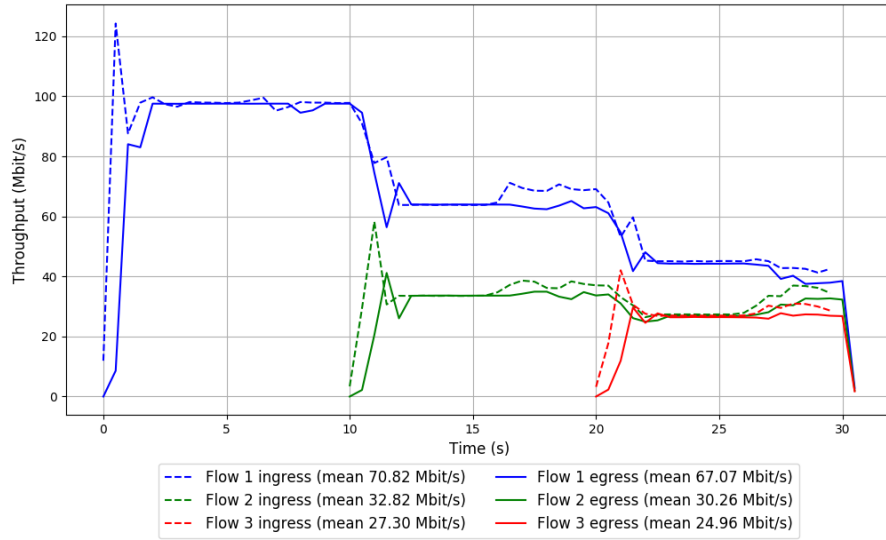
-- Flow 3:

Average throughput: 24.96 Mbit/s

95th percentile per-packet one-way delay: 72.335 ms

Loss rate: 8.52%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2019-12-11 06:48:29

End at: 2019-12-11 06:48:59

Local clock offset: 0.784 ms

Remote clock offset: 4.943 ms

Below is generated by plot.py at 2019-12-11 09:23:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.47 Mbit/s

95th percentile per-packet one-way delay: 39.041 ms

Loss rate: 75.53%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 38.028 ms

Loss rate: 97.92%

-- Flow 2:

Average throughput: 10.47 Mbit/s

95th percentile per-packet one-way delay: 39.143 ms

Loss rate: 73.33%

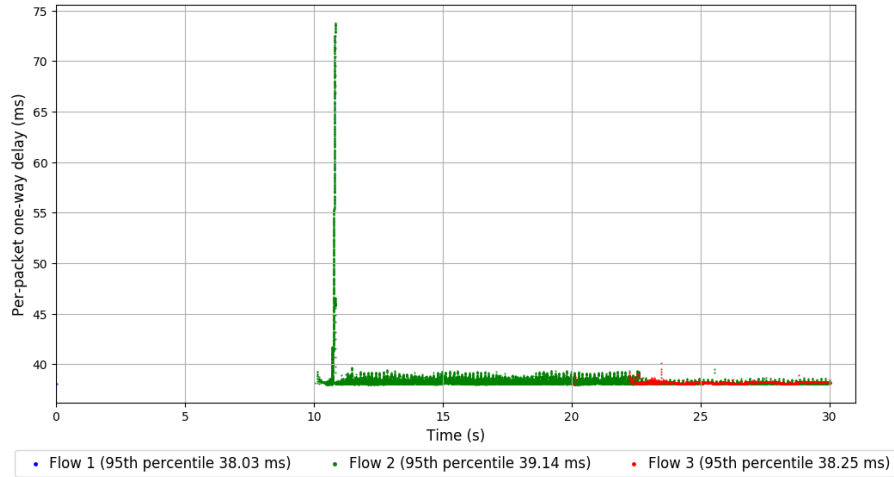
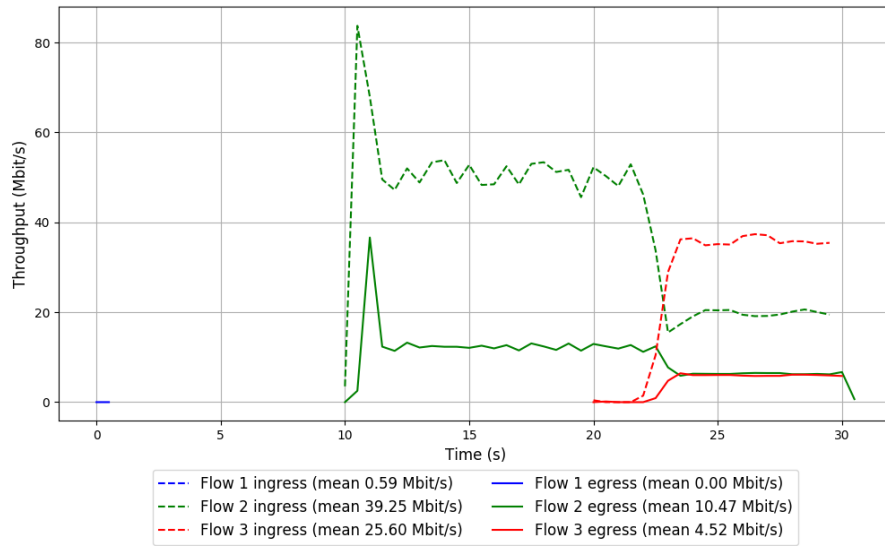
-- Flow 3:

Average throughput: 4.52 Mbit/s

95th percentile per-packet one-way delay: 38.251 ms

Loss rate: 82.33%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2019-12-11 07:22:12

End at: 2019-12-11 07:22:42

Local clock offset: 1.422 ms

Remote clock offset: 5.147 ms

Below is generated by plot.py at 2019-12-11 09:23:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.45 Mbit/s

95th percentile per-packet one-way delay: 38.033 ms

Loss rate: 30.28%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 37.809 ms

Loss rate: 95.92%

-- Flow 2:

Average throughput: 9.83 Mbit/s

95th percentile per-packet one-way delay: 38.044 ms

Loss rate: 26.68%

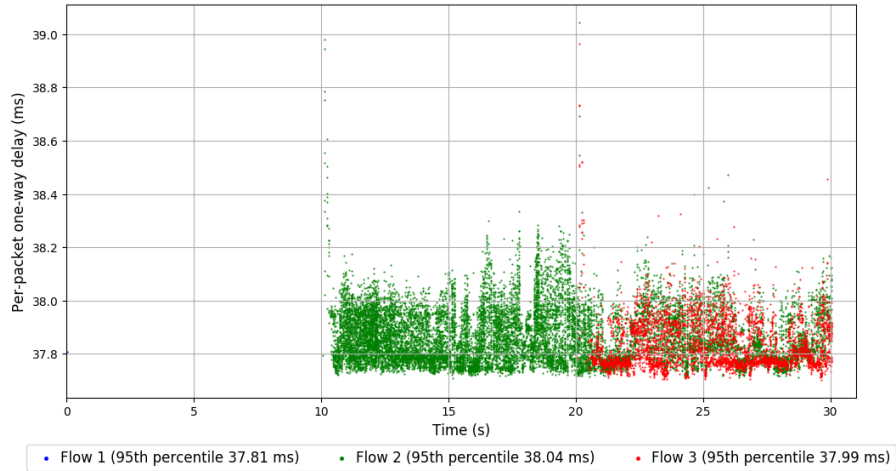
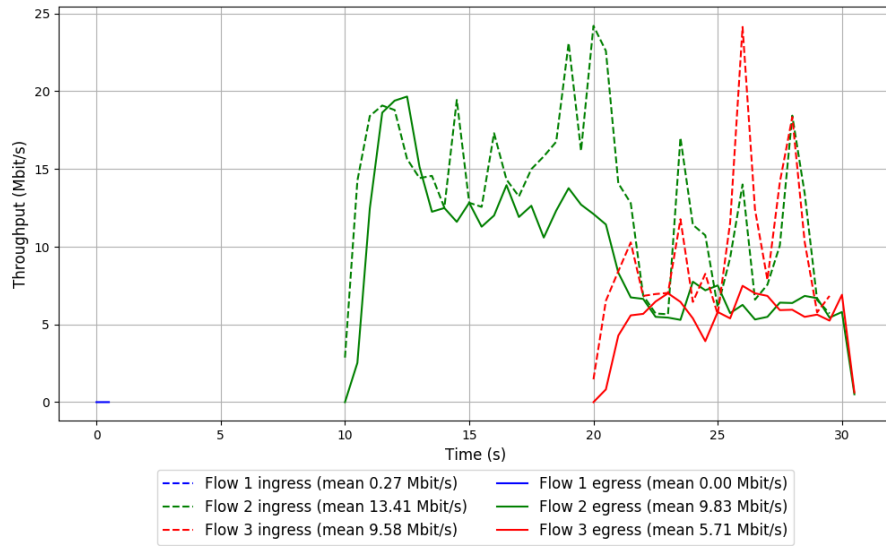
-- Flow 3:

Average throughput: 5.71 Mbit/s

95th percentile per-packet one-way delay: 37.993 ms

Loss rate: 40.37%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2019-12-11 08:02:34
End at: 2019-12-11 08:03:04
Local clock offset: 1.171 ms
Remote clock offset: -13.051 ms

Below is generated by plot.py at 2019-12-11 09:23:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 38.454 ms
Loss rate: 40.00%

-- Flow 1:

Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 38.099 ms
Loss rate: 98.33%

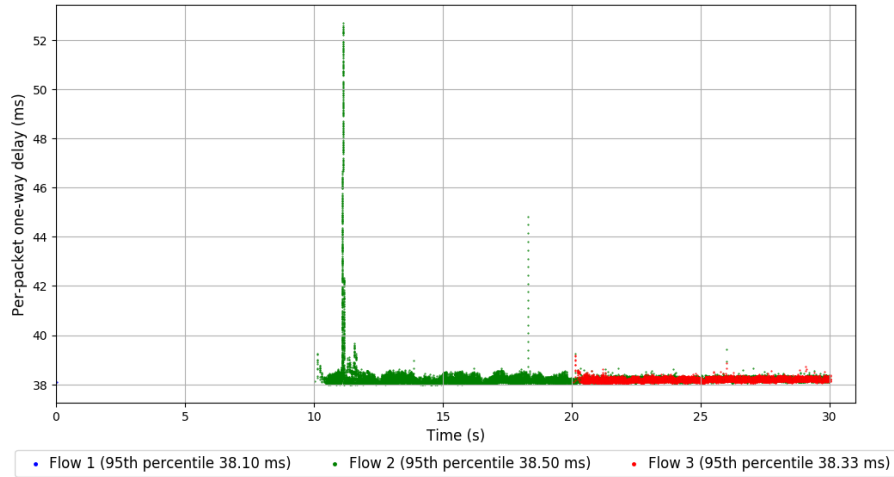
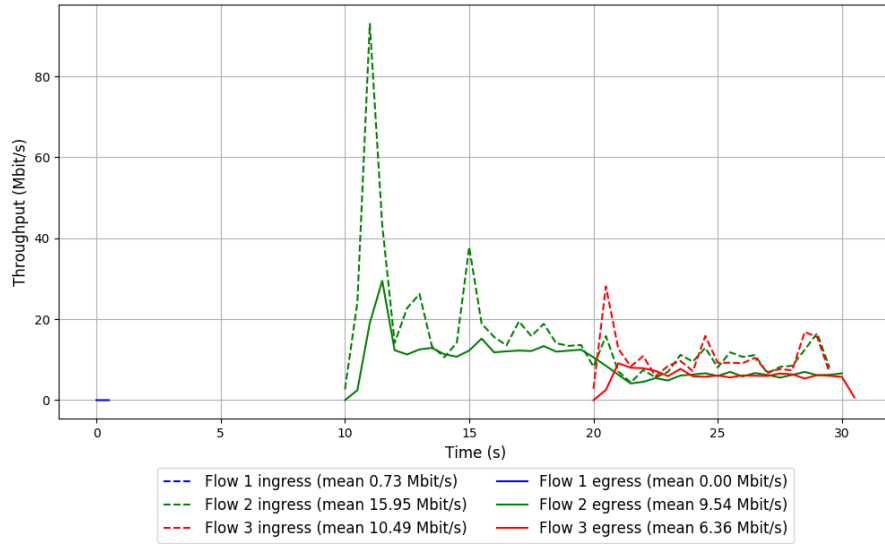
-- Flow 2:

Average throughput: 9.54 Mbit/s
95th percentile per-packet one-way delay: 38.501 ms
Loss rate: 40.19%

-- Flow 3:

Average throughput: 6.36 Mbit/s
95th percentile per-packet one-way delay: 38.333 ms
Loss rate: 39.38%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2019-12-11 08:36:10
End at: 2019-12-11 08:36:40
Local clock offset: 1.076 ms
Remote clock offset: -21.731 ms

Below is generated by plot.py at 2019-12-11 09:23:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 35.476 ms
Loss rate: 69.73%

-- Flow 1:

Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 35.148 ms
Loss rate: 97.92%

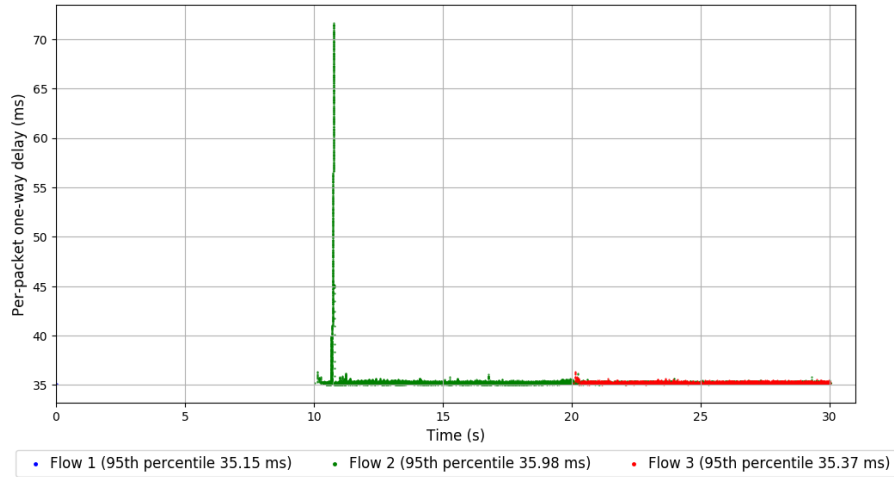
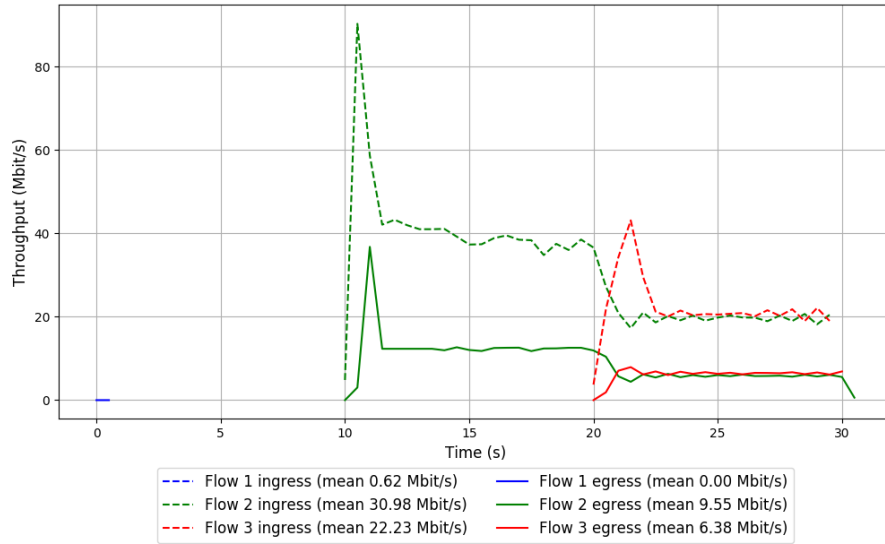
-- Flow 2:

Average throughput: 9.55 Mbit/s
95th percentile per-packet one-way delay: 35.979 ms
Loss rate: 69.16%

-- Flow 3:

Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 35.365 ms
Loss rate: 71.30%

Run 4: Report of Copa — Data Link

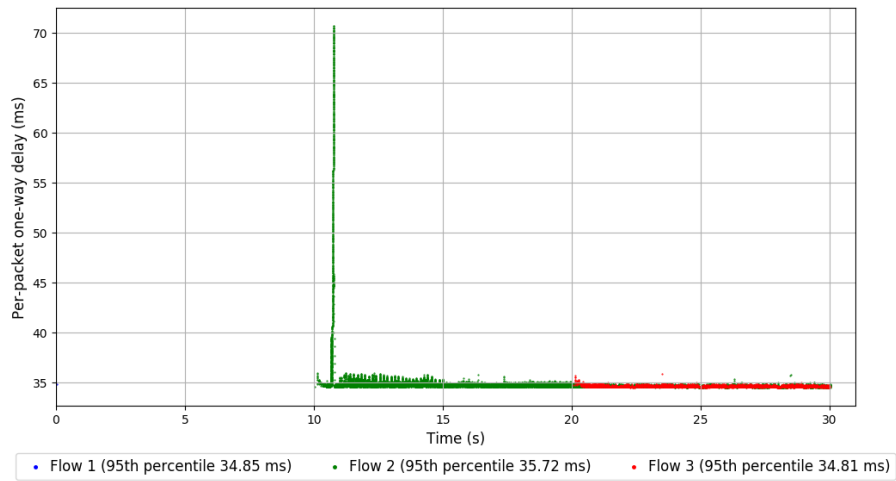
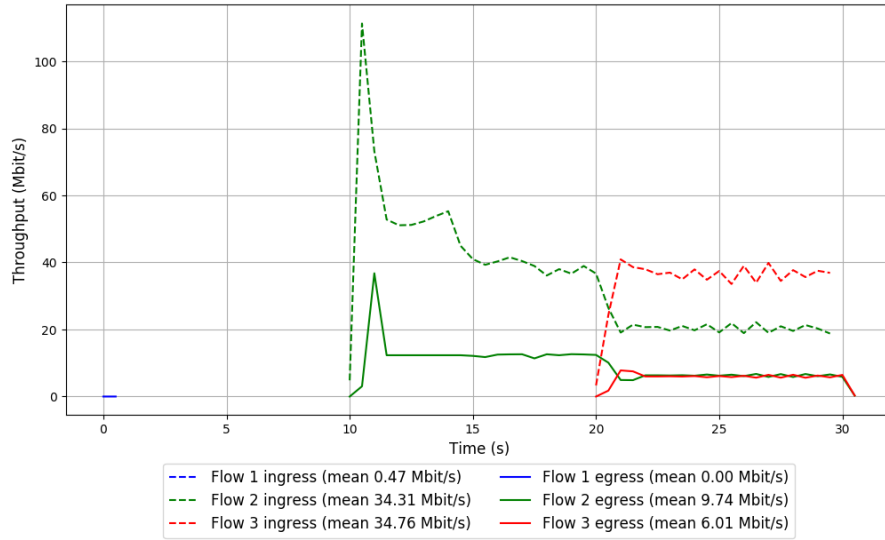


Run 5: Statistics of Copa

Start at: 2019-12-11 09:06:12
End at: 2019-12-11 09:06:42
Local clock offset: -2.948 ms
Remote clock offset: -3.179 ms

```
# Below is generated by plot.py at 2019-12-11 09:23:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 35.413 ms
Loss rate: 75.35%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 34.849 ms
Loss rate: 97.24%
-- Flow 2:
Average throughput: 9.74 Mbit/s
95th percentile per-packet one-way delay: 35.722 ms
Loss rate: 71.62%
-- Flow 3:
Average throughput: 6.01 Mbit/s
95th percentile per-packet one-way delay: 34.809 ms
Loss rate: 82.72%
```

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-12-11 06:54:53

End at: 2019-12-11 06:55:23

Local clock offset: 1.53 ms

Remote clock offset: 5.022 ms

Below is generated by plot.py at 2019-12-11 09:23:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.53 Mbit/s

95th percentile per-packet one-way delay: 76.710 ms

Loss rate: 1.03%

-- Flow 1:

Average throughput: 69.94 Mbit/s

95th percentile per-packet one-way delay: 77.119 ms

Loss rate: 1.24%

-- Flow 2:

Average throughput: 26.26 Mbit/s

95th percentile per-packet one-way delay: 73.424 ms

Loss rate: 0.53%

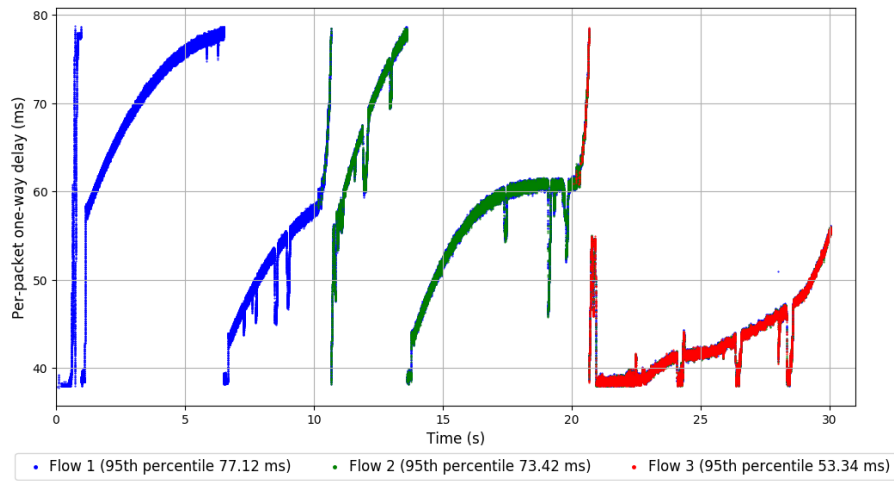
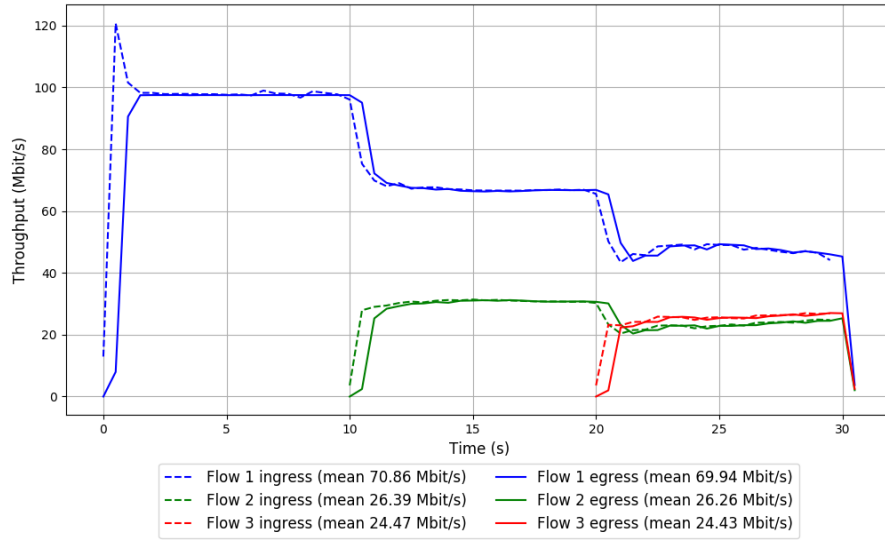
-- Flow 3:

Average throughput: 24.43 Mbit/s

95th percentile per-packet one-way delay: 53.344 ms

Loss rate: 0.18%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-12-11 07:29:43

End at: 2019-12-11 07:30:13

Local clock offset: 1.346 ms

Remote clock offset: 5.174 ms

Below is generated by plot.py at 2019-12-11 09:23:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.11 Mbit/s

95th percentile per-packet one-way delay: 73.905 ms

Loss rate: 0.74%

-- Flow 1:

Average throughput: 64.52 Mbit/s

95th percentile per-packet one-way delay: 74.549 ms

Loss rate: 0.80%

-- Flow 2:

Average throughput: 36.48 Mbit/s

95th percentile per-packet one-way delay: 72.474 ms

Loss rate: 0.63%

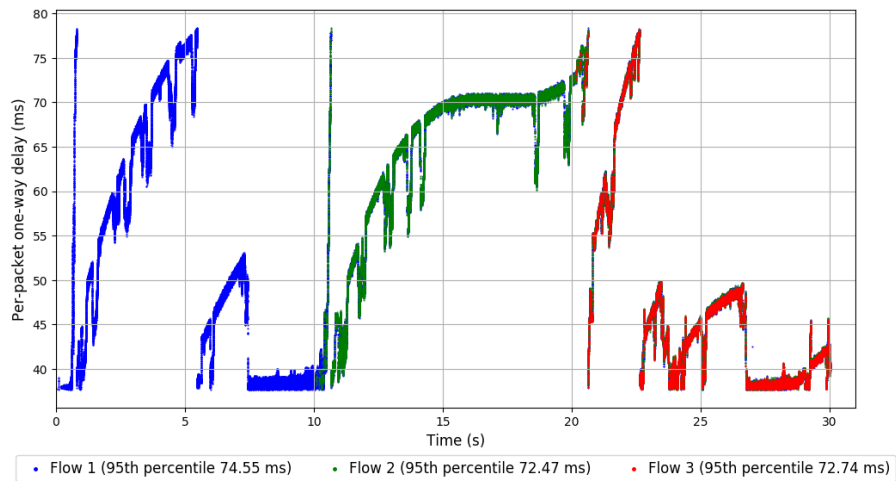
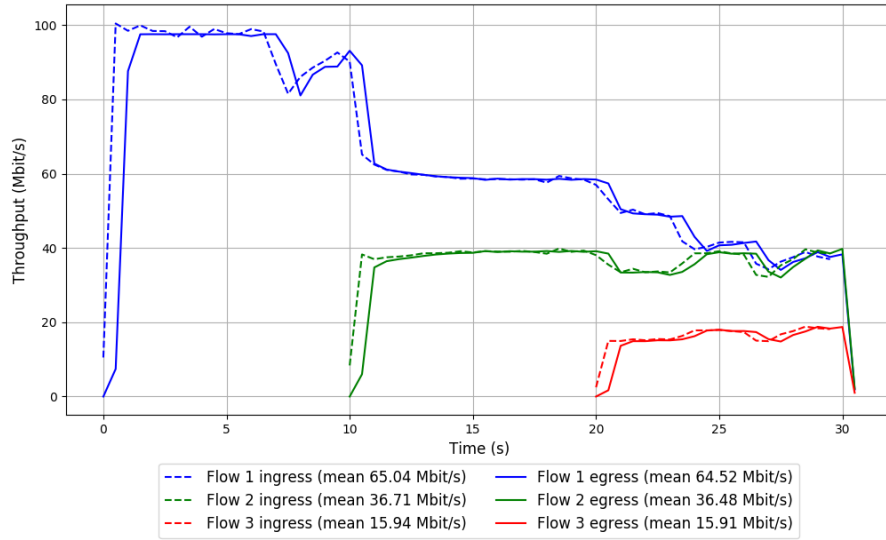
-- Flow 3:

Average throughput: 15.91 Mbit/s

95th percentile per-packet one-way delay: 72.738 ms

Loss rate: 0.55%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-12-11 08:10:24
End at: 2019-12-11 08:10:54
Local clock offset: 1.18 ms
Remote clock offset: -14.921 ms

Below is generated by plot.py at 2019-12-11 09:23:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 76.400 ms
Loss rate: 0.81%

-- Flow 1:

Average throughput: 74.99 Mbit/s
95th percentile per-packet one-way delay: 76.266 ms
Loss rate: 0.84%

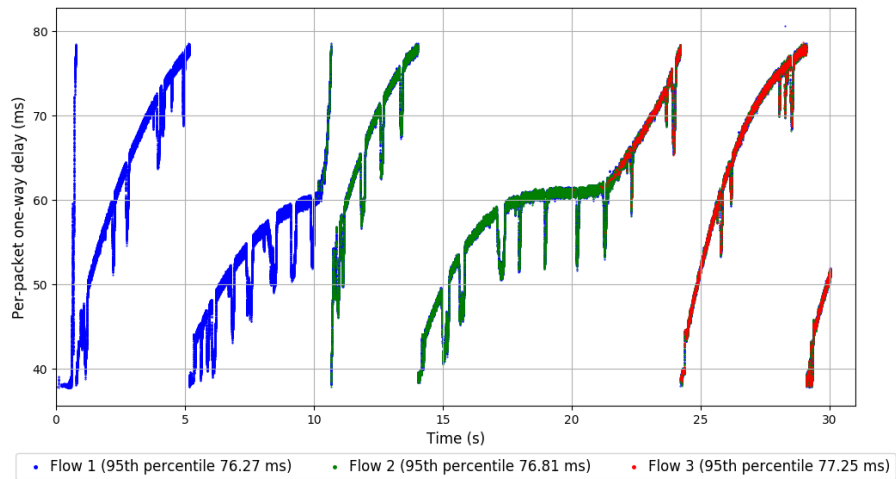
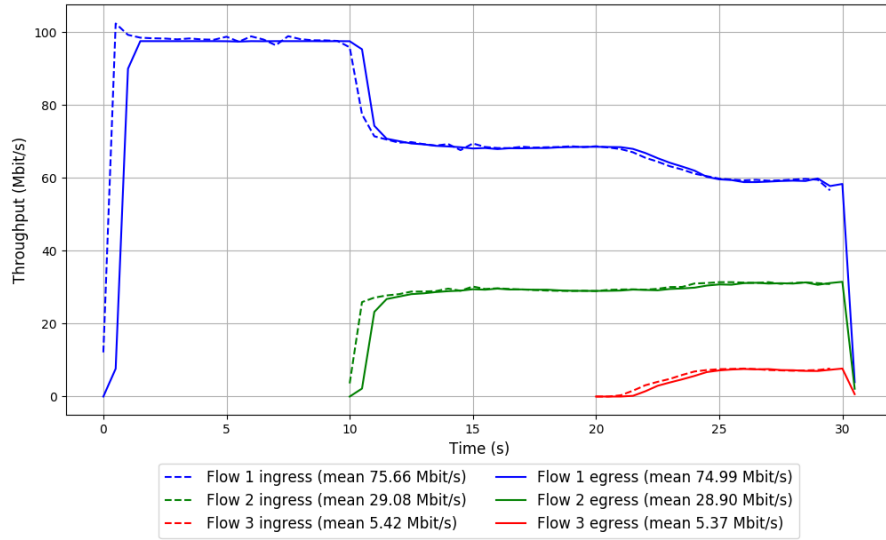
-- Flow 2:

Average throughput: 28.90 Mbit/s
95th percentile per-packet one-way delay: 76.808 ms
Loss rate: 0.69%

-- Flow 3:

Average throughput: 5.37 Mbit/s
95th percentile per-packet one-way delay: 77.252 ms
Loss rate: 0.98%

Run 3: Report of TCP Cubic — Data Link

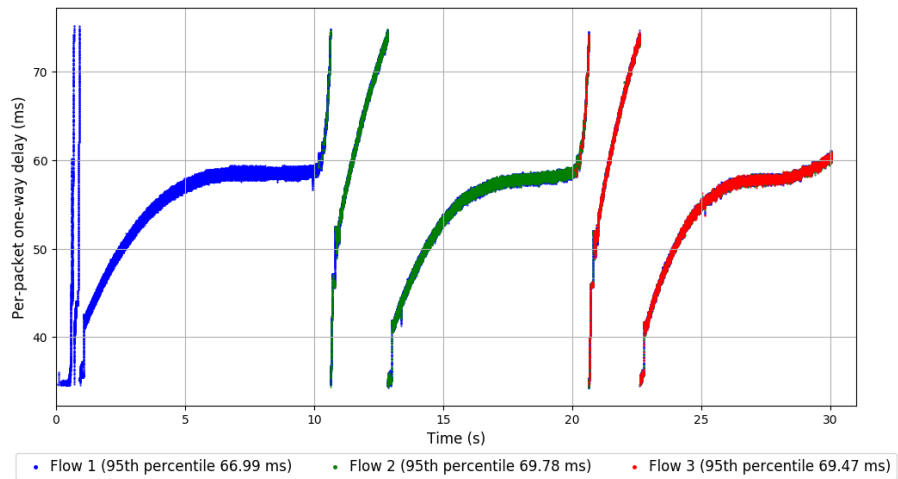
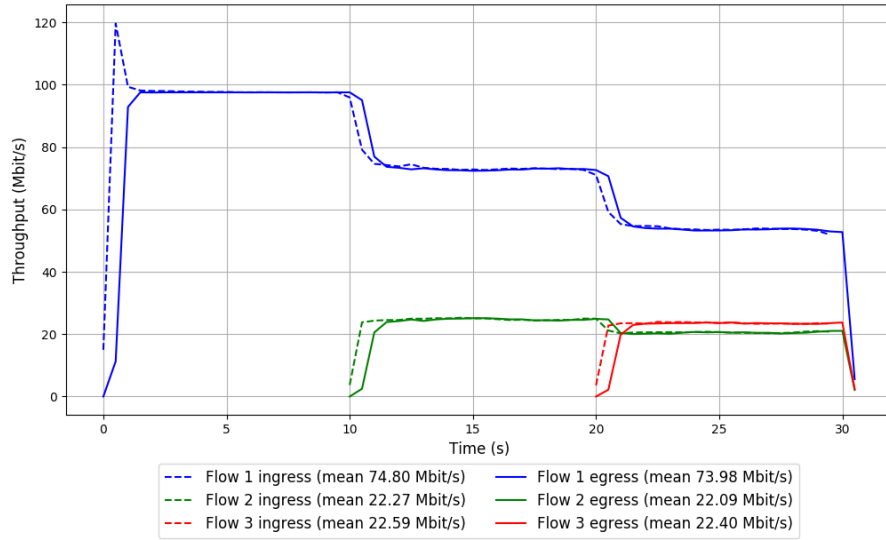


Run 4: Statistics of TCP Cubic

Start at: 2019-12-11 08:42:21
End at: 2019-12-11 08:42:51
Local clock offset: -0.185 ms
Remote clock offset: -16.059 ms

```
# Below is generated by plot.py at 2019-12-11 09:24:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 67.973 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 73.98 Mbit/s
95th percentile per-packet one-way delay: 66.987 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 22.09 Mbit/s
95th percentile per-packet one-way delay: 69.779 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 22.40 Mbit/s
95th percentile per-packet one-way delay: 69.473 ms
Loss rate: 0.79%
```

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-12-11 09:12:25
End at: 2019-12-11 09:12:55
Local clock offset: -2.758 ms
Remote clock offset: -2.078 ms

Below is generated by plot.py at 2019-12-11 09:24:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 68.850 ms
Loss rate: 0.97%

-- Flow 1:

Average throughput: 74.36 Mbit/s
95th percentile per-packet one-way delay: 67.841 ms
Loss rate: 1.02%

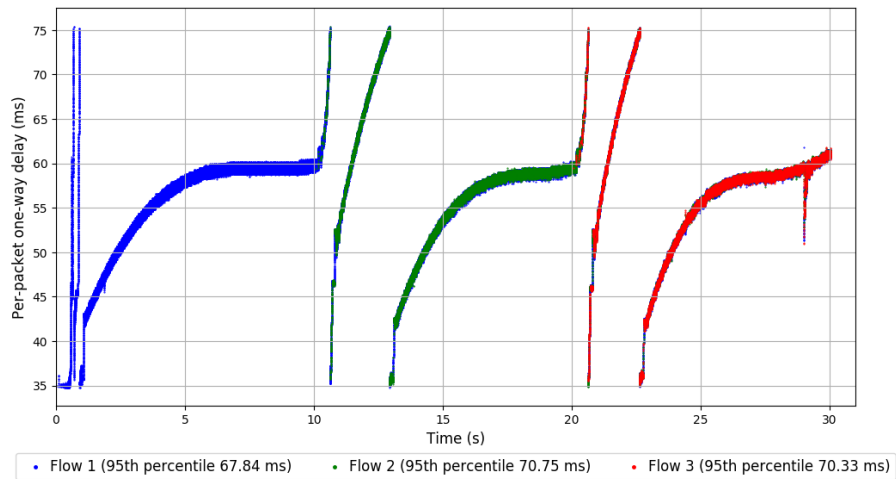
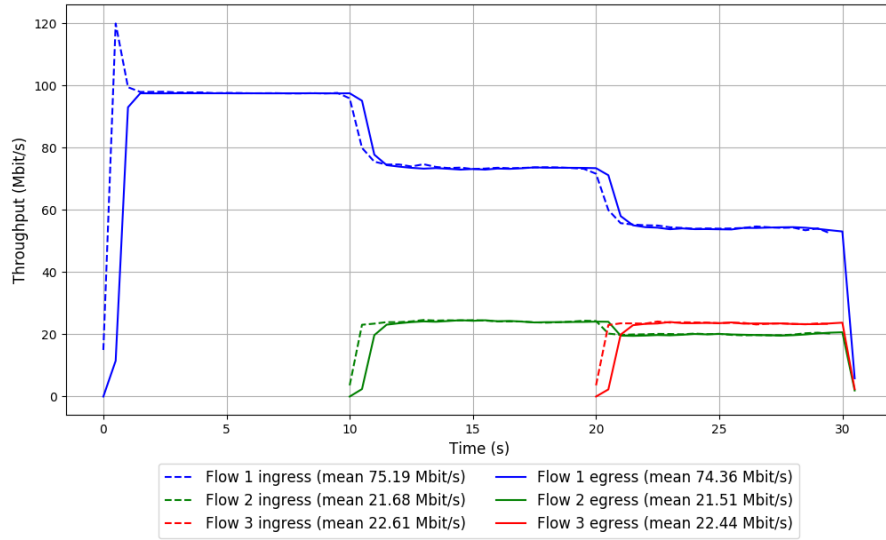
-- Flow 2:

Average throughput: 21.51 Mbit/s
95th percentile per-packet one-way delay: 70.751 ms
Loss rate: 0.81%

-- Flow 3:

Average throughput: 22.44 Mbit/s
95th percentile per-packet one-way delay: 70.330 ms
Loss rate: 0.74%

Run 5: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2019-12-11 06:43:10

End at: 2019-12-11 06:43:40

Local clock offset: -0.259 ms

Remote clock offset: 4.681 ms

Below is generated by plot.py at 2019-12-11 09:25:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.77 Mbit/s

95th percentile per-packet one-way delay: 74.823 ms

Loss rate: 39.80%

-- Flow 1:

Average throughput: 55.49 Mbit/s

95th percentile per-packet one-way delay: 73.455 ms

Loss rate: 30.95%

-- Flow 2:

Average throughput: 42.24 Mbit/s

95th percentile per-packet one-way delay: 75.773 ms

Loss rate: 46.83%

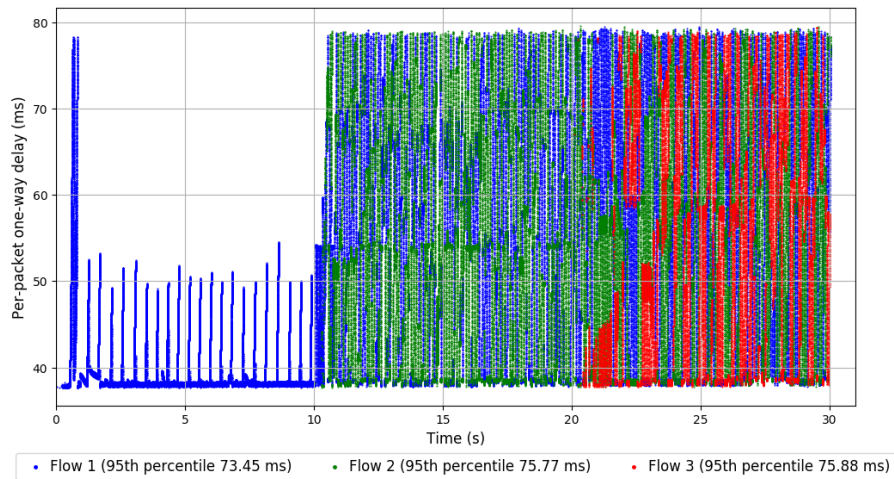
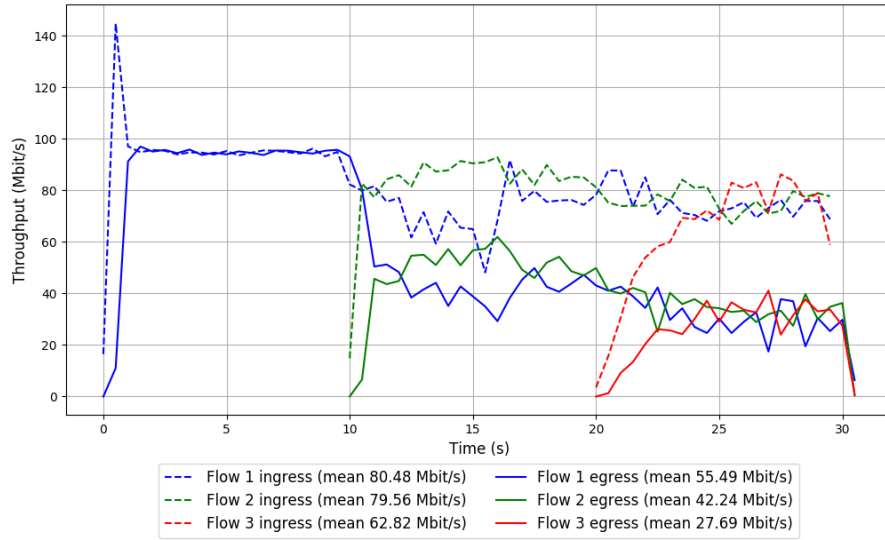
-- Flow 3:

Average throughput: 27.69 Mbit/s

95th percentile per-packet one-way delay: 75.882 ms

Loss rate: 56.09%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-12-11 07:15:41

End at: 2019-12-11 07:16:11

Local clock offset: 1.667 ms

Remote clock offset: 5.013 ms

Below is generated by plot.py at 2019-12-11 09:25:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.23 Mbit/s

95th percentile per-packet one-way delay: 74.868 ms

Loss rate: 38.80%

-- Flow 1:

Average throughput: 57.01 Mbit/s

95th percentile per-packet one-way delay: 73.155 ms

Loss rate: 30.94%

-- Flow 2:

Average throughput: 43.44 Mbit/s

95th percentile per-packet one-way delay: 76.134 ms

Loss rate: 47.41%

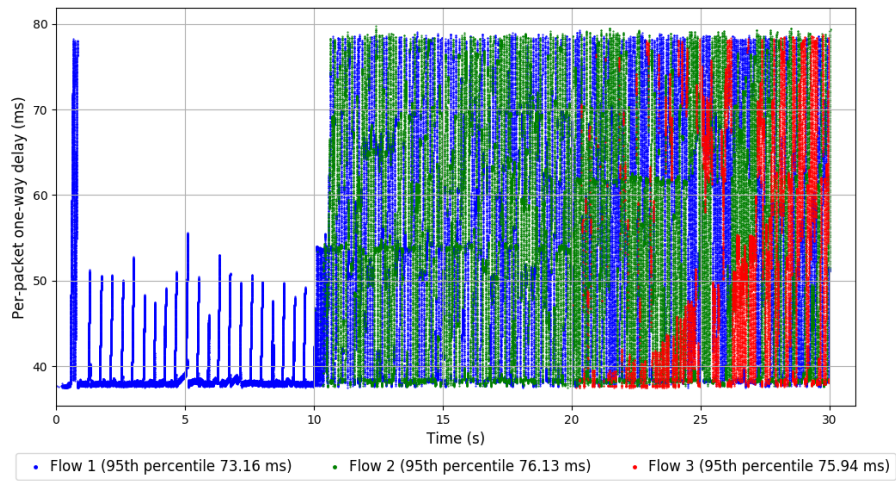
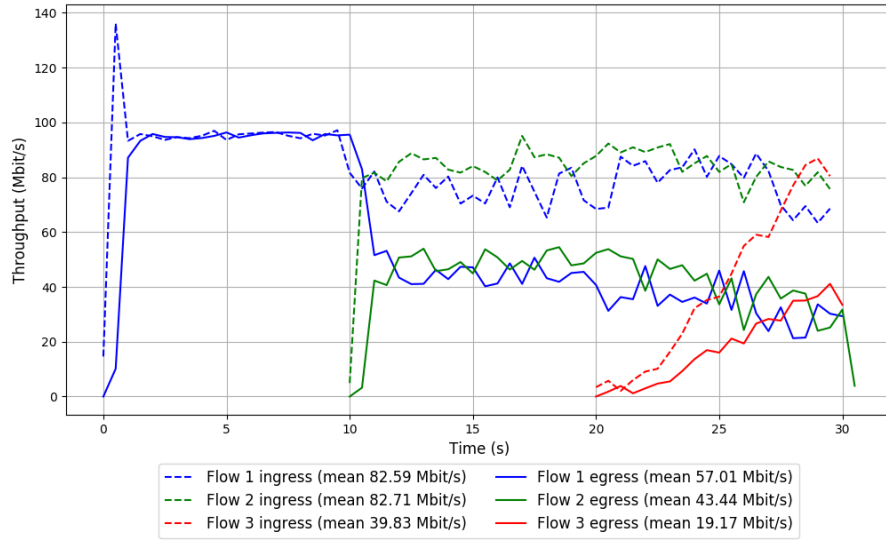
-- Flow 3:

Average throughput: 19.17 Mbit/s

95th percentile per-packet one-way delay: 75.943 ms

Loss rate: 52.06%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-12-11 07:54:22
End at: 2019-12-11 07:54:52
Local clock offset: 1.138 ms
Remote clock offset: -10.927 ms

Below is generated by plot.py at 2019-12-11 09:25:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 74.888 ms
Loss rate: 39.60%

-- Flow 1:

Average throughput: 57.56 Mbit/s
95th percentile per-packet one-way delay: 73.983 ms
Loss rate: 31.27%

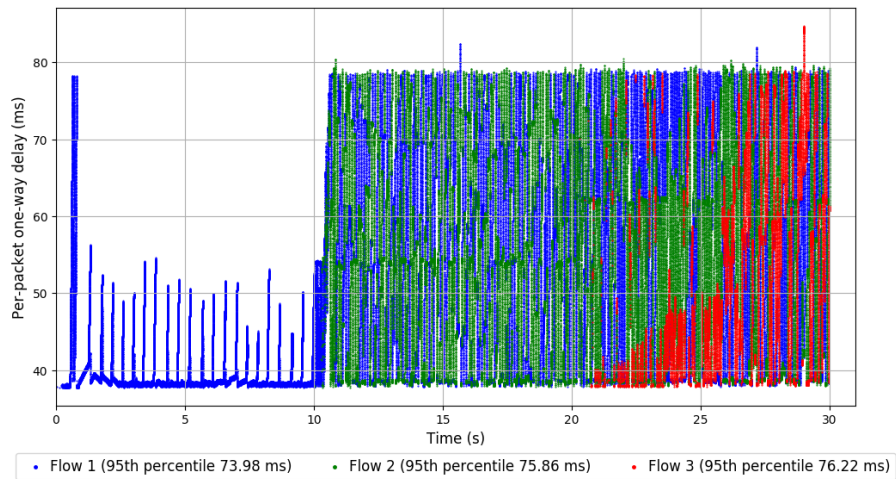
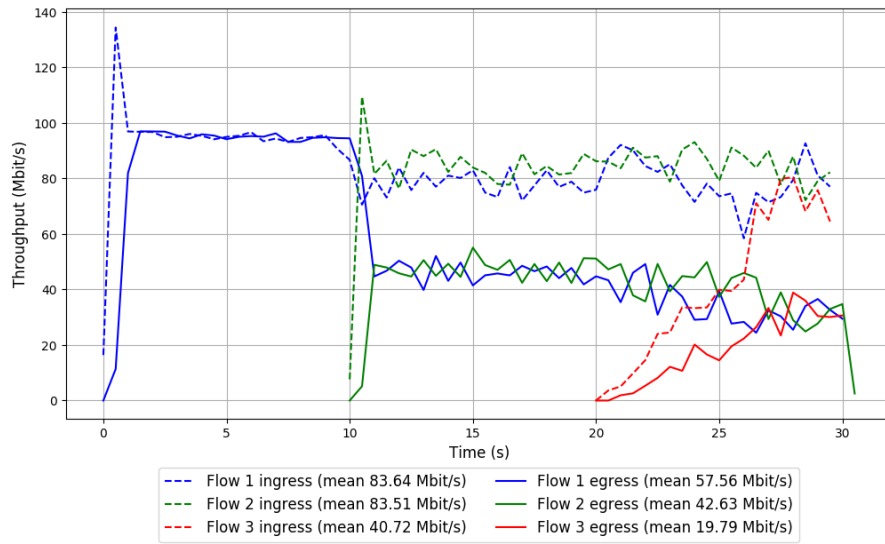
-- Flow 2:

Average throughput: 42.63 Mbit/s
95th percentile per-packet one-way delay: 75.864 ms
Loss rate: 48.94%

-- Flow 3:

Average throughput: 19.79 Mbit/s
95th percentile per-packet one-way delay: 76.224 ms
Loss rate: 52.69%

Run 3: Report of FillP — Data Link

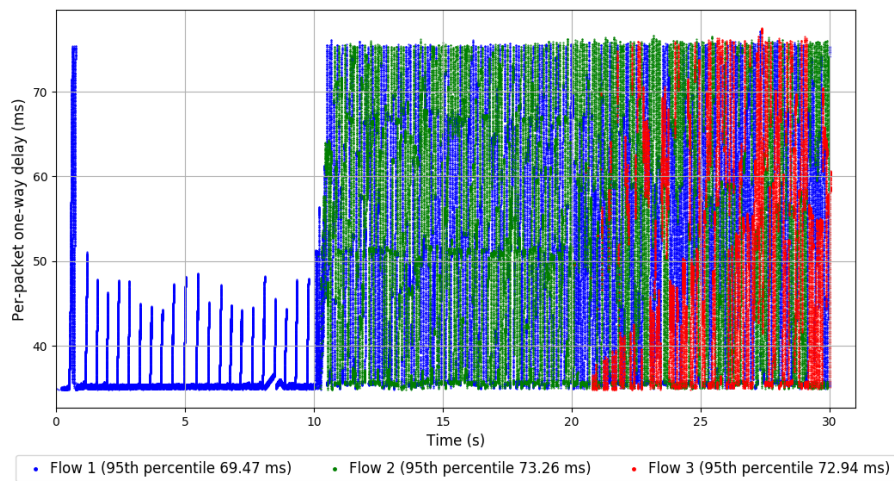
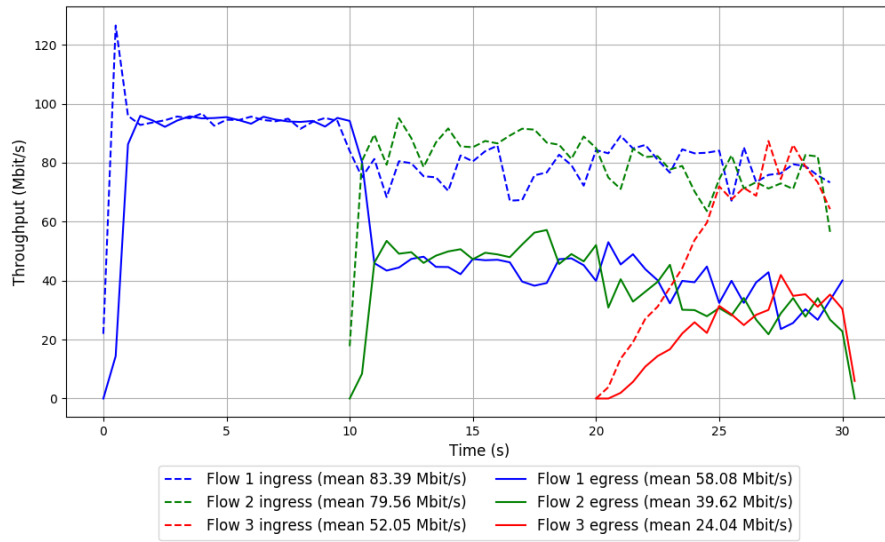


Run 4: Statistics of FillP

Start at: 2019-12-11 08:31:15
End at: 2019-12-11 08:31:45
Local clock offset: 1.061 ms
Remote clock offset: -20.811 ms

```
# Below is generated by plot.py at 2019-12-11 09:25:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.38 Mbit/s
95th percentile per-packet one-way delay: 71.679 ms
Loss rate: 39.81%
-- Flow 1:
Average throughput: 58.08 Mbit/s
95th percentile per-packet one-way delay: 69.473 ms
Loss rate: 30.35%
-- Flow 2:
Average throughput: 39.62 Mbit/s
95th percentile per-packet one-way delay: 73.264 ms
Loss rate: 50.14%
-- Flow 3:
Average throughput: 24.04 Mbit/s
95th percentile per-packet one-way delay: 72.943 ms
Loss rate: 53.78%
```

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-12-11 09:01:16

End at: 2019-12-11 09:01:46

Local clock offset: -2.667 ms

Remote clock offset: -4.33 ms

Below is generated by plot.py at 2019-12-11 09:25:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.27 Mbit/s

95th percentile per-packet one-way delay: 71.521 ms

Loss rate: 39.37%

-- Flow 1:

Average throughput: 57.85 Mbit/s

95th percentile per-packet one-way delay: 70.031 ms

Loss rate: 30.26%

-- Flow 2:

Average throughput: 39.97 Mbit/s

95th percentile per-packet one-way delay: 73.163 ms

Loss rate: 48.68%

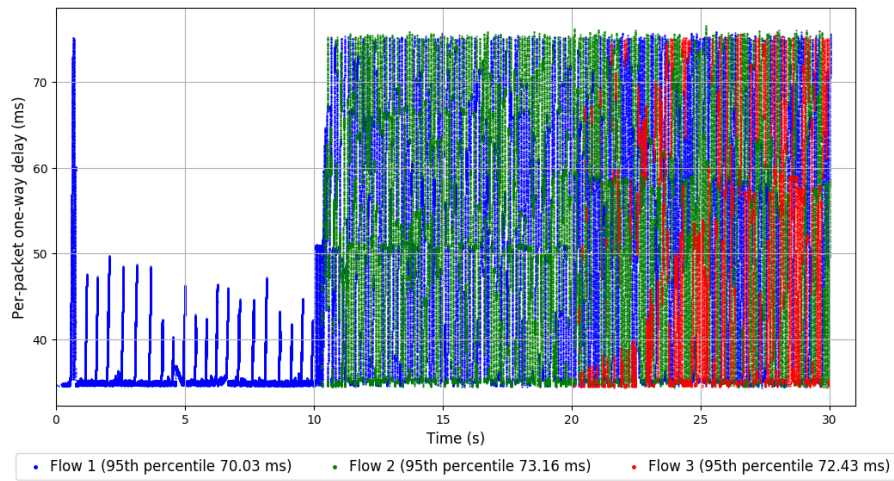
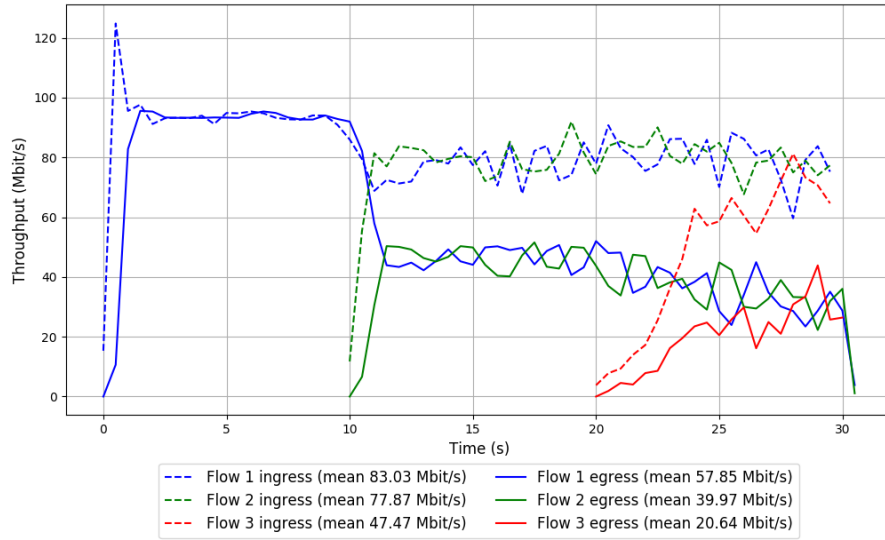
-- Flow 3:

Average throughput: 20.64 Mbit/s

95th percentile per-packet one-way delay: 72.427 ms

Loss rate: 56.68%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-12-11 06:41:57

End at: 2019-12-11 06:42:27

Local clock offset: -0.604 ms

Remote clock offset: 4.724 ms

Below is generated by plot.py at 2019-12-11 09:25:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.55 Mbit/s

95th percentile per-packet one-way delay: 72.832 ms

Loss rate: 12.11%

-- Flow 1:

Average throughput: 56.12 Mbit/s

95th percentile per-packet one-way delay: 71.821 ms

Loss rate: 9.55%

-- Flow 2:

Average throughput: 47.72 Mbit/s

95th percentile per-packet one-way delay: 73.780 ms

Loss rate: 15.97%

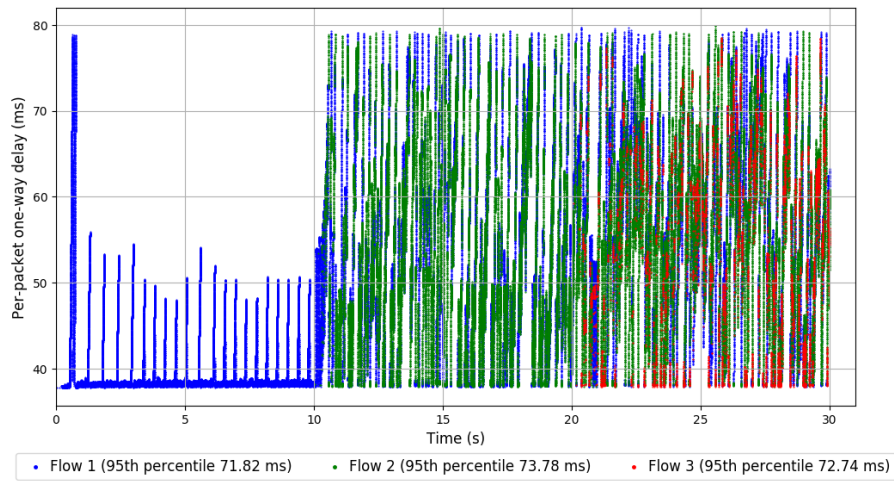
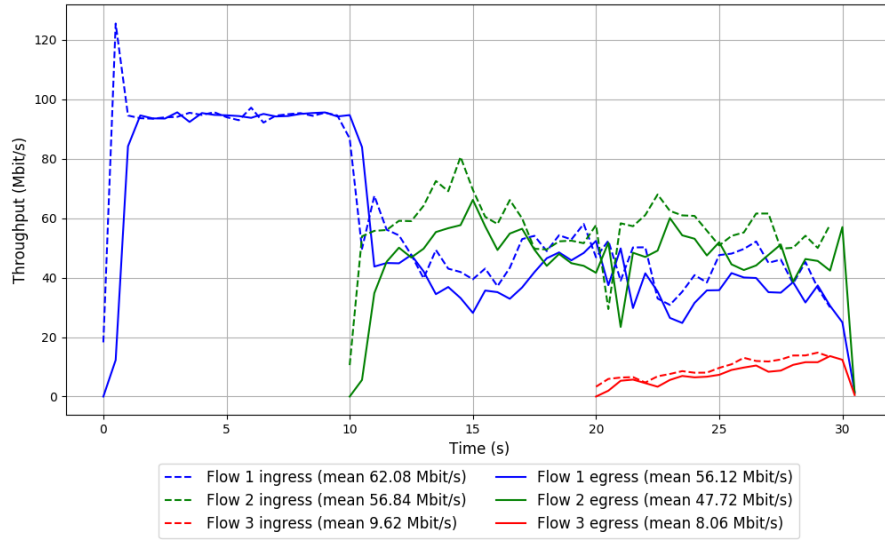
-- Flow 3:

Average throughput: 8.06 Mbit/s

95th percentile per-packet one-way delay: 72.740 ms

Loss rate: 16.30%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-12-11 07:13:51

End at: 2019-12-11 07:14:21

Local clock offset: 1.793 ms

Remote clock offset: 5.045 ms

Below is generated by plot.py at 2019-12-11 09:26:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.67 Mbit/s

95th percentile per-packet one-way delay: 72.775 ms

Loss rate: 12.23%

-- Flow 1:

Average throughput: 55.14 Mbit/s

95th percentile per-packet one-way delay: 70.998 ms

Loss rate: 8.86%

-- Flow 2:

Average throughput: 35.52 Mbit/s

95th percentile per-packet one-way delay: 73.847 ms

Loss rate: 17.09%

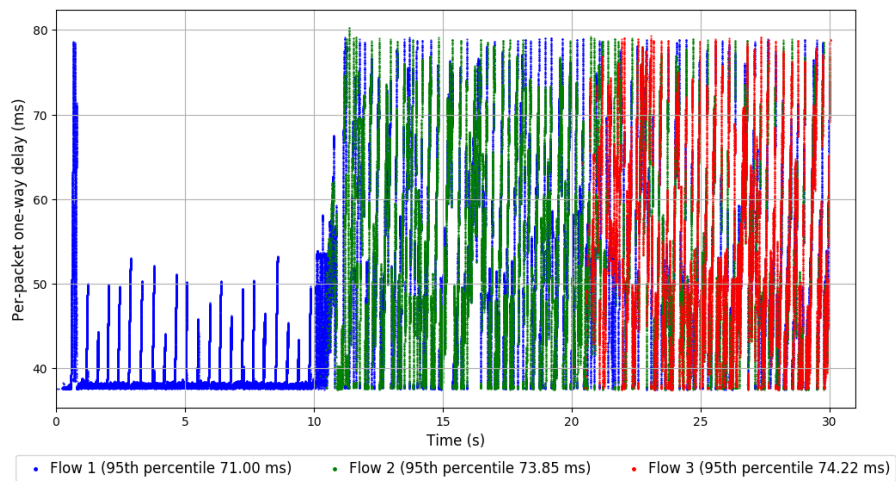
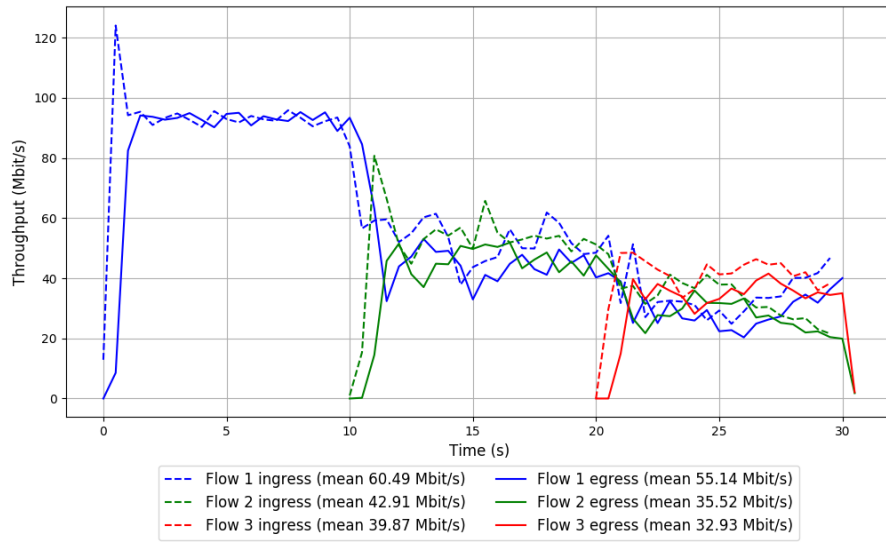
-- Flow 3:

Average throughput: 32.93 Mbit/s

95th percentile per-packet one-way delay: 74.225 ms

Loss rate: 17.17%

Run 2: Report of FillP-Sheep — Data Link

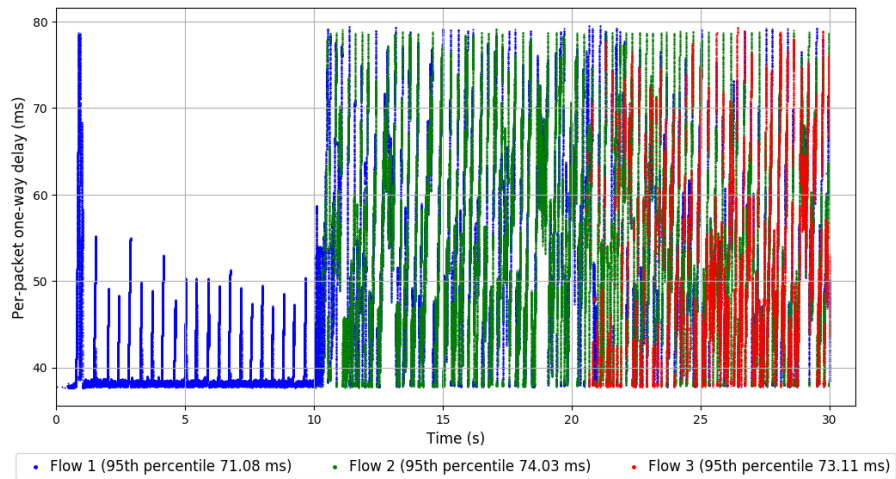
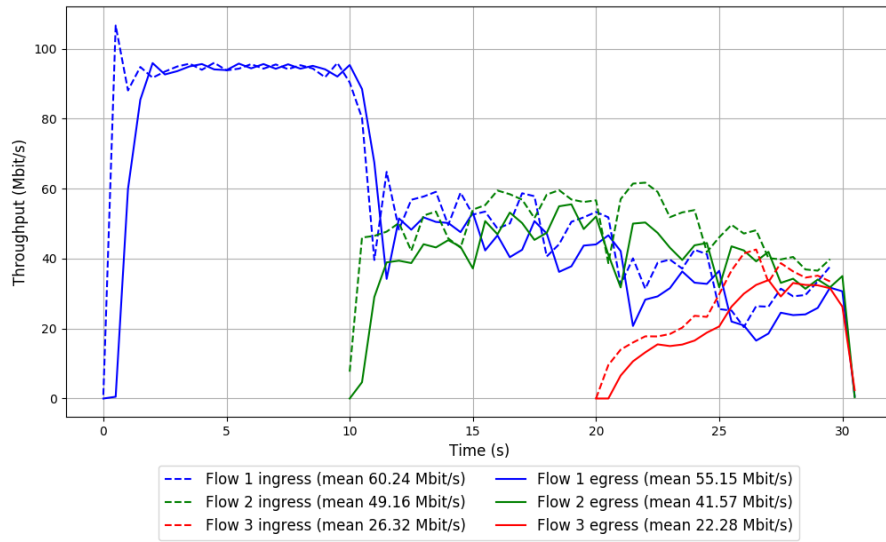


Run 3: Statistics of FillP-Sheep

Start at: 2019-12-11 07:52:26
End at: 2019-12-11 07:52:56
Local clock offset: 1.153 ms
Remote clock offset: -10.43 ms

```
# Below is generated by plot.py at 2019-12-11 09:26:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.16 Mbit/s
95th percentile per-packet one-way delay: 72.599 ms
Loss rate: 11.29%
-- Flow 1:
Average throughput: 55.15 Mbit/s
95th percentile per-packet one-way delay: 71.083 ms
Loss rate: 8.44%
-- Flow 2:
Average throughput: 41.57 Mbit/s
95th percentile per-packet one-way delay: 74.025 ms
Loss rate: 15.44%
-- Flow 3:
Average throughput: 22.28 Mbit/s
95th percentile per-packet one-way delay: 73.113 ms
Loss rate: 15.43%
```

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-12-11 08:30:02
End at: 2019-12-11 08:30:32
Local clock offset: 1.069 ms
Remote clock offset: -20.55 ms

Below is generated by plot.py at 2019-12-11 09:26:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.76 Mbit/s
95th percentile per-packet one-way delay: 69.327 ms
Loss rate: 11.63%

-- Flow 1:

Average throughput: 57.20 Mbit/s
95th percentile per-packet one-way delay: 67.771 ms
Loss rate: 9.50%

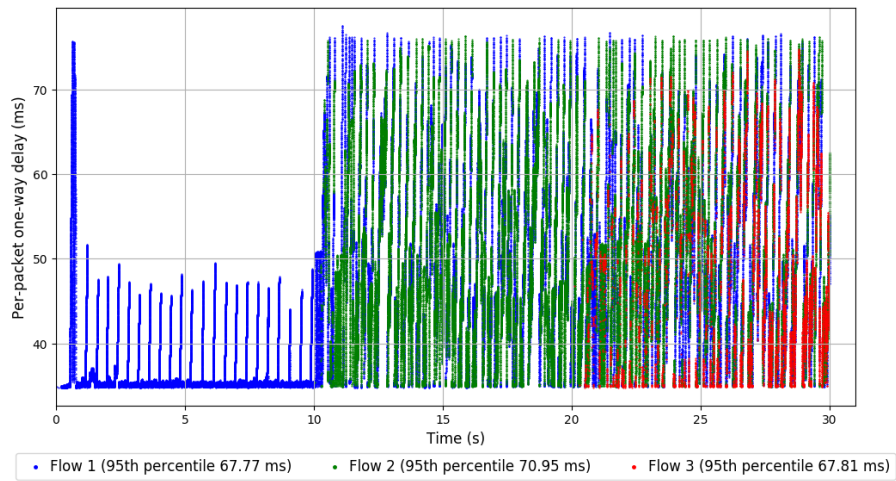
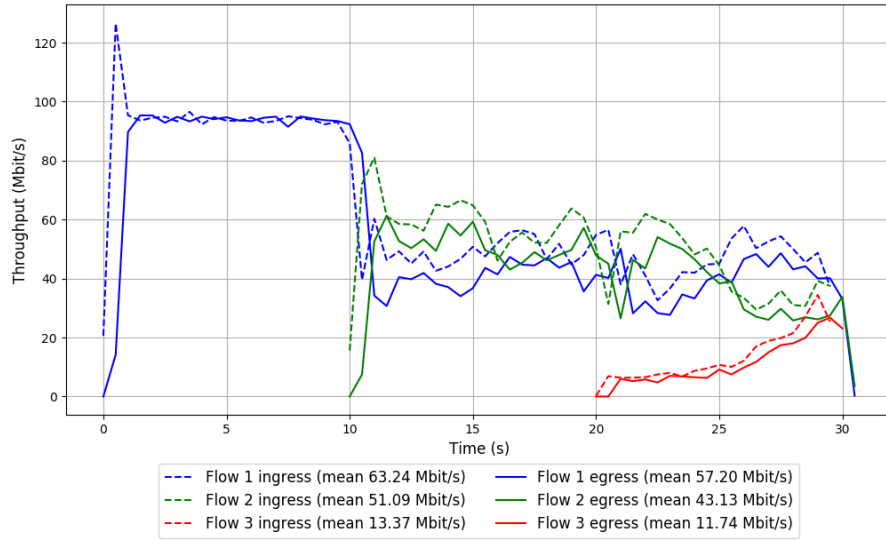
-- Flow 2:

Average throughput: 43.13 Mbit/s
95th percentile per-packet one-way delay: 70.946 ms
Loss rate: 15.49%

-- Flow 3:

Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 67.810 ms
Loss rate: 12.20%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-12-11 08:59:56
End at: 2019-12-11 09:00:26
Local clock offset: -2.582 ms
Remote clock offset: -4.668 ms

Below is generated by plot.py at 2019-12-11 09:26:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 69.115 ms
Loss rate: 11.93%

-- Flow 1:

Average throughput: 57.77 Mbit/s
95th percentile per-packet one-way delay: 67.516 ms
Loss rate: 9.00%

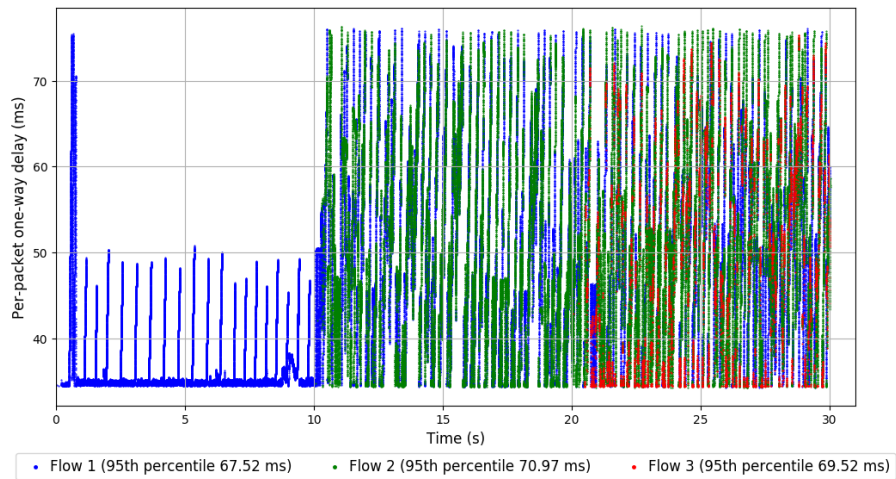
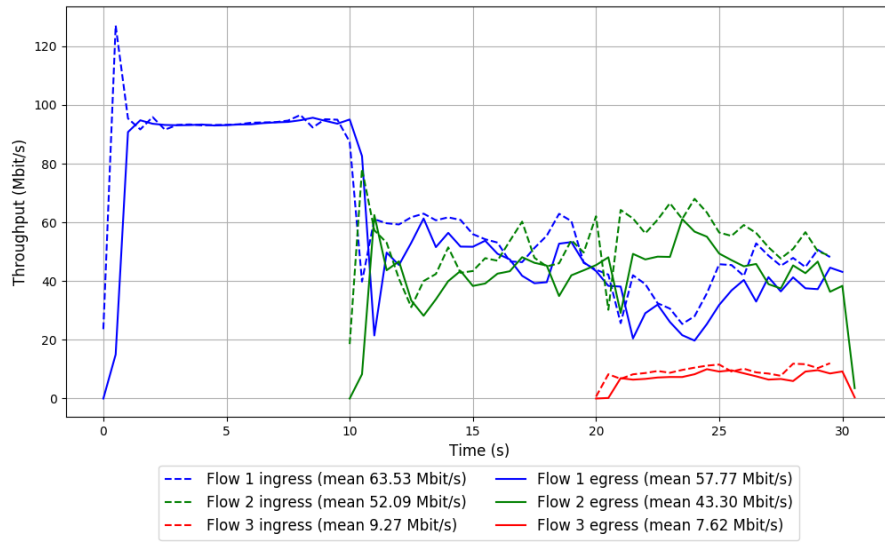
-- Flow 2:

Average throughput: 43.30 Mbit/s
95th percentile per-packet one-way delay: 70.974 ms
Loss rate: 16.76%

-- Flow 3:

Average throughput: 7.62 Mbit/s
95th percentile per-packet one-way delay: 69.524 ms
Loss rate: 17.82%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-12-11 06:51:06

End at: 2019-12-11 06:51:36

Local clock offset: 1.129 ms

Remote clock offset: 4.896 ms

Below is generated by plot.py at 2019-12-11 09:26:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.44 Mbit/s

95th percentile per-packet one-way delay: 56.548 ms

Loss rate: 0.49%

-- Flow 1:

Average throughput: 64.99 Mbit/s

95th percentile per-packet one-way delay: 54.032 ms

Loss rate: 0.32%

-- Flow 2:

Average throughput: 28.51 Mbit/s

95th percentile per-packet one-way delay: 59.068 ms

Loss rate: 0.56%

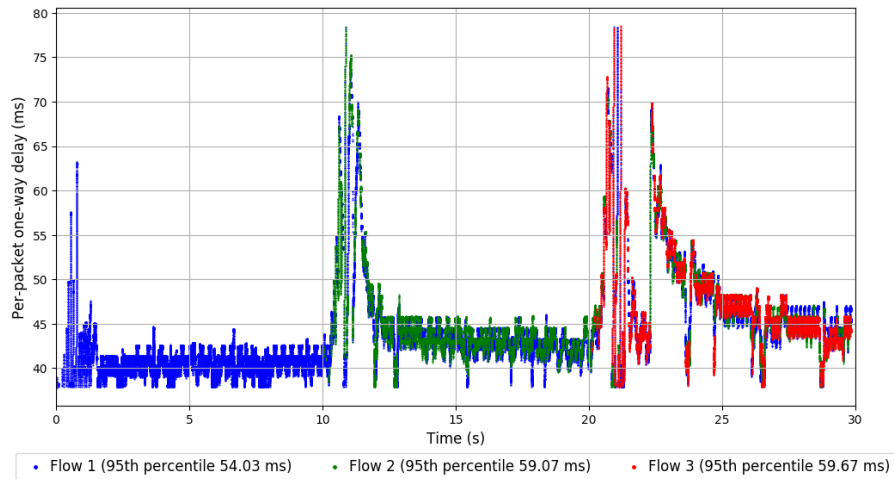
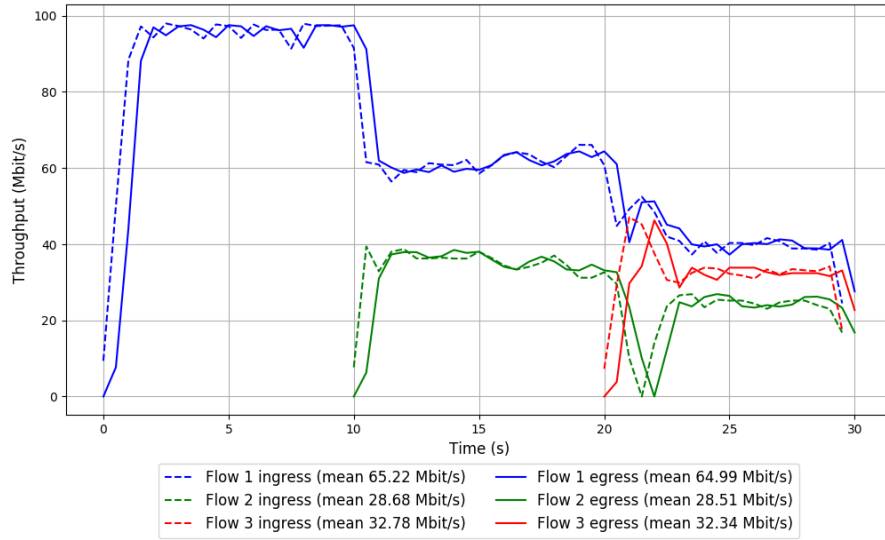
-- Flow 3:

Average throughput: 32.34 Mbit/s

95th percentile per-packet one-way delay: 59.669 ms

Loss rate: 1.34%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-12-11 07:25:09

End at: 2019-12-11 07:25:39

Local clock offset: 1.346 ms

Remote clock offset: 5.209 ms

Below is generated by plot.py at 2019-12-11 09:26:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.41 Mbit/s

95th percentile per-packet one-way delay: 54.302 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 63.38 Mbit/s

95th percentile per-packet one-way delay: 51.905 ms

Loss rate: 0.23%

-- Flow 2:

Average throughput: 30.55 Mbit/s

95th percentile per-packet one-way delay: 57.560 ms

Loss rate: 0.02%

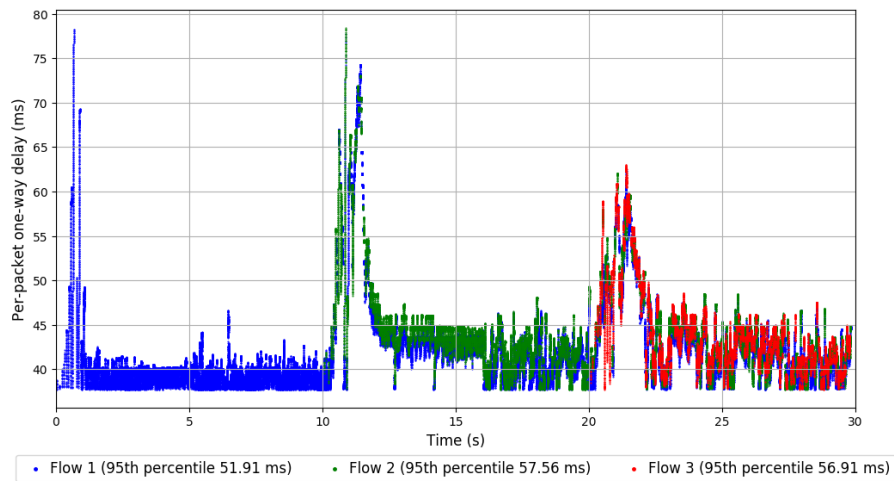
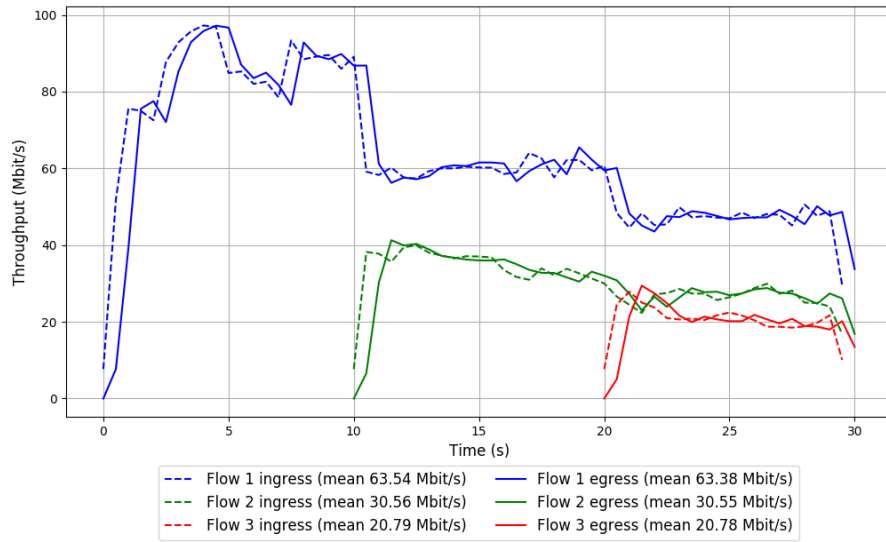
-- Flow 3:

Average throughput: 20.78 Mbit/s

95th percentile per-packet one-way delay: 56.908 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-12-11 08:05:40
End at: 2019-12-11 08:06:10
Local clock offset: 1.236 ms
Remote clock offset: -13.789 ms

Below is generated by plot.py at 2019-12-11 09:26:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.80 Mbit/s
95th percentile per-packet one-way delay: 55.336 ms
Loss rate: 0.42%

-- Flow 1:

Average throughput: 63.38 Mbit/s
95th percentile per-packet one-way delay: 50.778 ms
Loss rate: 0.49%

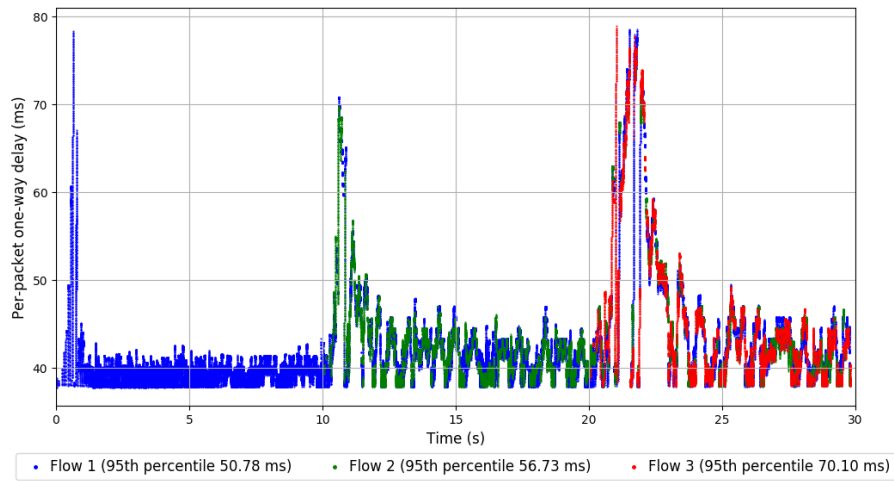
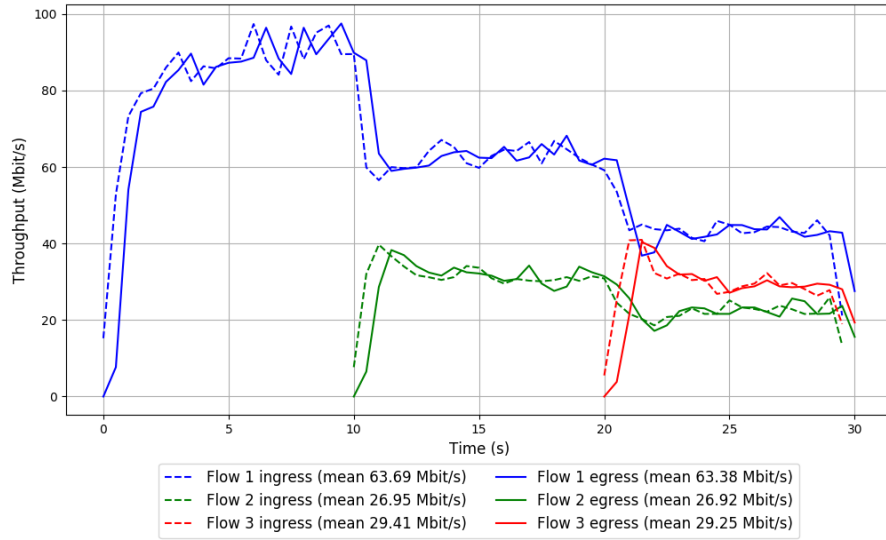
-- Flow 2:

Average throughput: 26.92 Mbit/s
95th percentile per-packet one-way delay: 56.733 ms
Loss rate: 0.11%

-- Flow 3:

Average throughput: 29.25 Mbit/s
95th percentile per-packet one-way delay: 70.096 ms
Loss rate: 0.52%

Run 3: Report of Indigo — Data Link

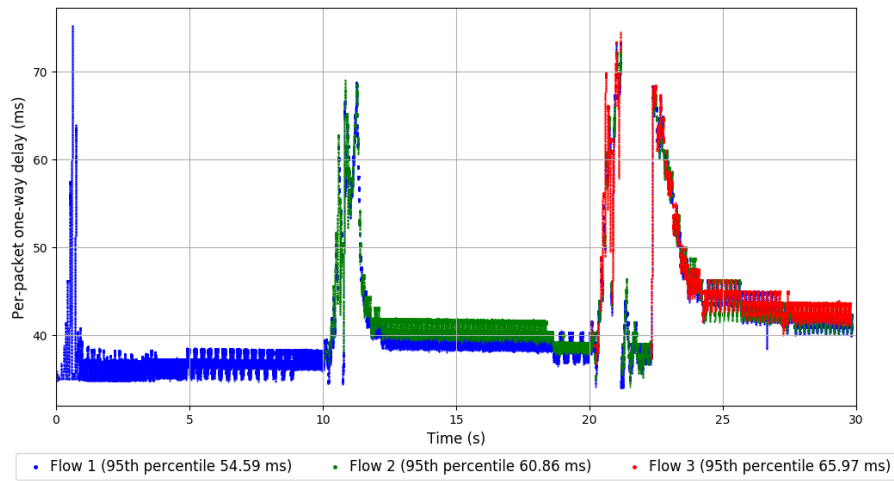
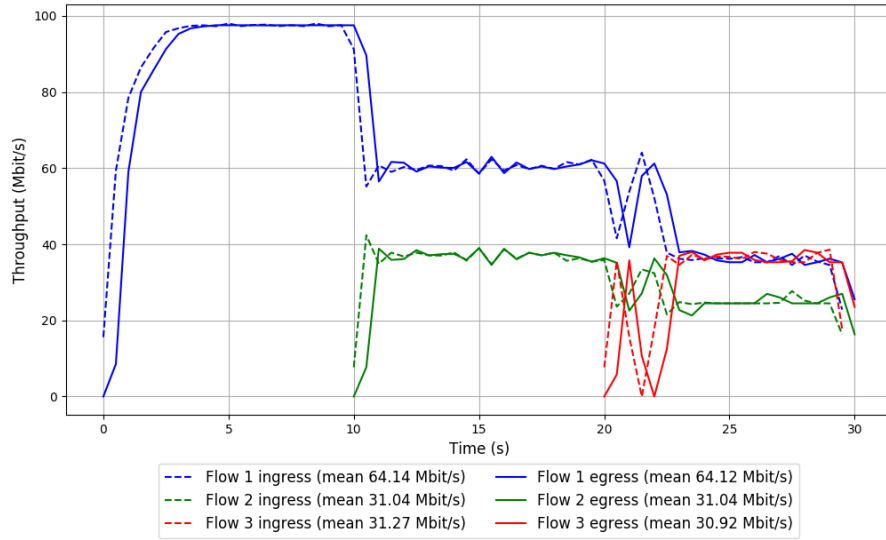


Run 4: Statistics of Indigo

Start at: 2019-12-11 08:38:34
End at: 2019-12-11 08:39:04
Local clock offset: 1.09 ms
Remote clock offset: -22.23 ms

```
# Below is generated by plot.py at 2019-12-11 09:26:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.78 Mbit/s
95th percentile per-packet one-way delay: 58.569 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 64.12 Mbit/s
95th percentile per-packet one-way delay: 54.587 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 31.04 Mbit/s
95th percentile per-packet one-way delay: 60.856 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.92 Mbit/s
95th percentile per-packet one-way delay: 65.970 ms
Loss rate: 1.10%
```

Run 4: Report of Indigo — Data Link

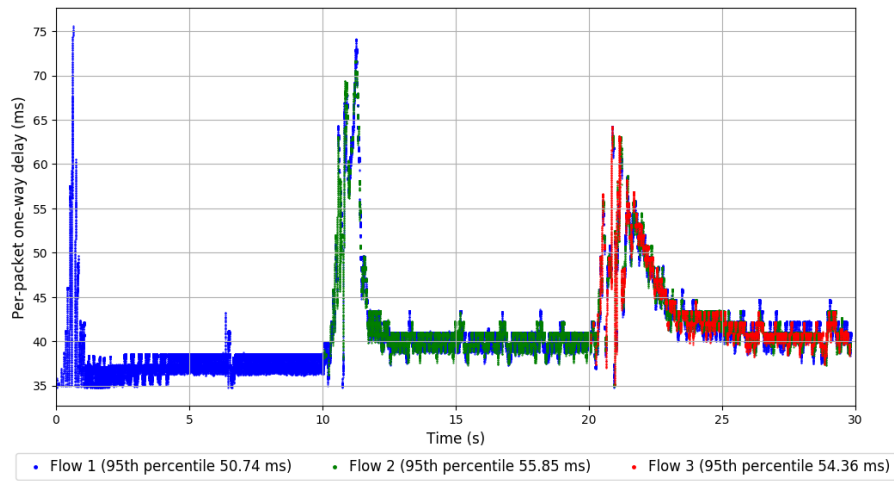
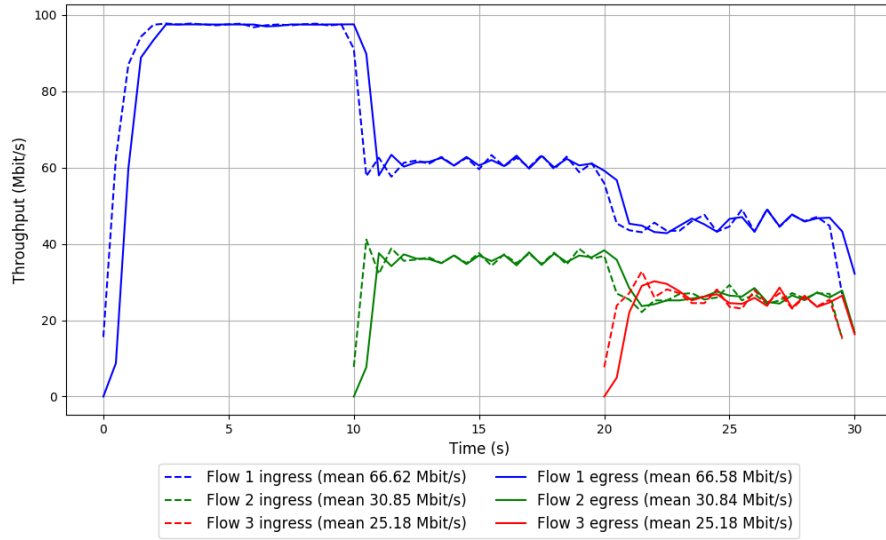


Run 5: Statistics of Indigo

Start at: 2019-12-11 09:08:36
End at: 2019-12-11 09:09:06
Local clock offset: -3.054 ms
Remote clock offset: -2.763 ms

```
# Below is generated by plot.py at 2019-12-11 09:27:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.22 Mbit/s
95th percentile per-packet one-way delay: 52.990 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 66.58 Mbit/s
95th percentile per-packet one-way delay: 50.744 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 30.84 Mbit/s
95th percentile per-packet one-way delay: 55.846 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 25.18 Mbit/s
95th percentile per-packet one-way delay: 54.361 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-12-11 06:56:19

End at: 2019-12-11 06:56:49

Local clock offset: 1.668 ms

Remote clock offset: 5.065 ms

Below is generated by plot.py at 2019-12-11 09:27:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.46 Mbit/s

95th percentile per-packet one-way delay: 49.940 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 76.09 Mbit/s

95th percentile per-packet one-way delay: 47.998 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 9.22 Mbit/s

95th percentile per-packet one-way delay: 50.707 ms

Loss rate: 0.00%

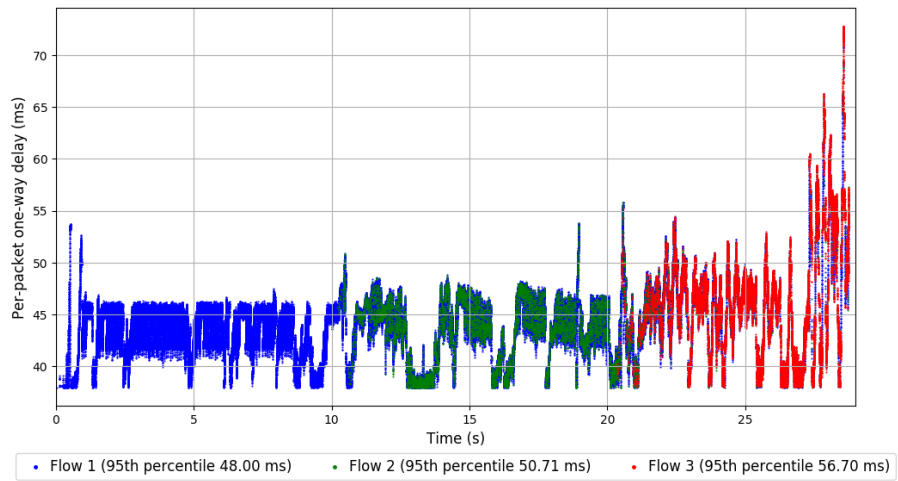
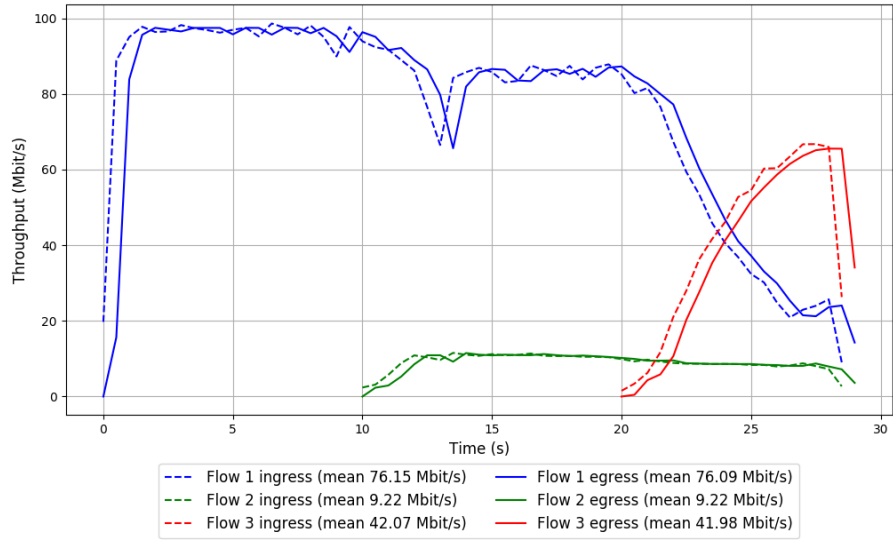
-- Flow 3:

Average throughput: 41.98 Mbit/s

95th percentile per-packet one-way delay: 56.703 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-12-11 07:31:24

End at: 2019-12-11 07:31:54

Local clock offset: 1.311 ms

Remote clock offset: 3.716 ms

Below is generated by plot.py at 2019-12-11 09:27:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.21 Mbit/s

95th percentile per-packet one-way delay: 58.662 ms

Loss rate: 0.39%

-- Flow 1:

Average throughput: 59.43 Mbit/s

95th percentile per-packet one-way delay: 55.039 ms

Loss rate: 0.22%

-- Flow 2:

Average throughput: 41.67 Mbit/s

95th percentile per-packet one-way delay: 59.948 ms

Loss rate: 0.36%

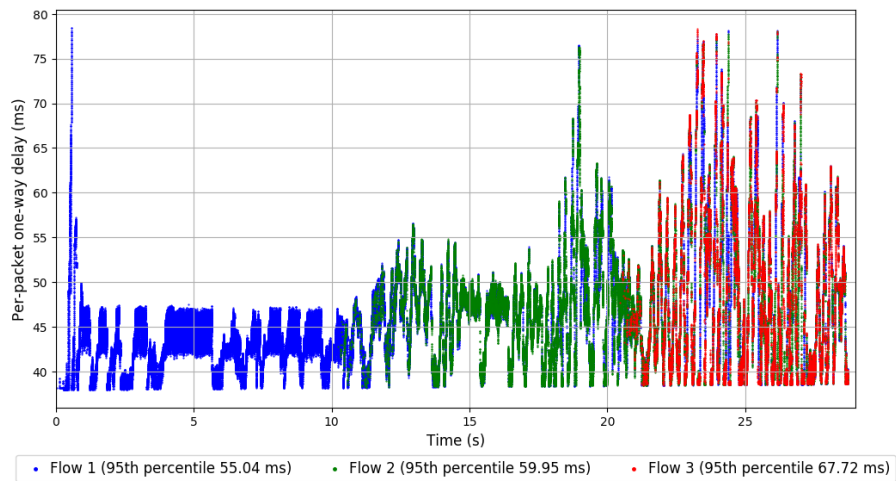
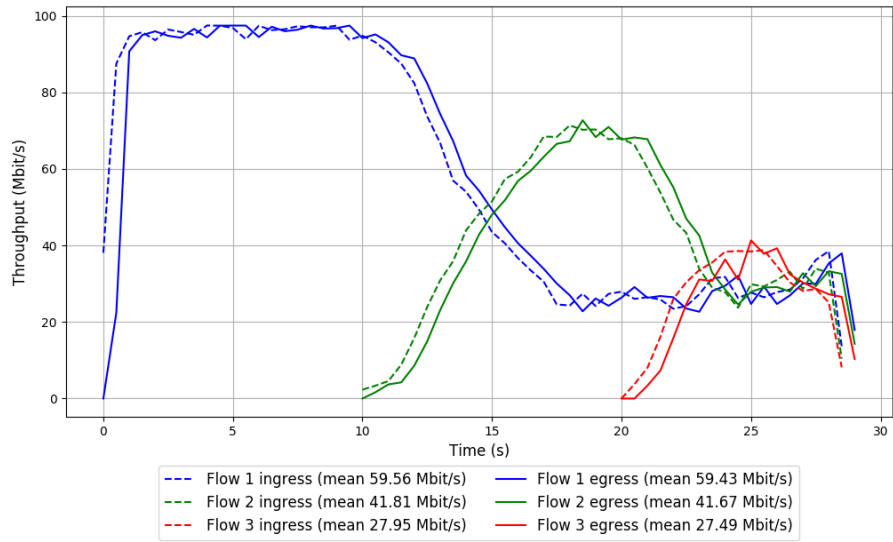
-- Flow 3:

Average throughput: 27.49 Mbit/s

95th percentile per-packet one-way delay: 67.722 ms

Loss rate: 1.74%

Run 2: Report of Indigo-MusesC3 — Data Link



Run 3: Statistics of Indigo-MusesC3

Start at: 2019-12-11 08:14:12
End at: 2019-12-11 08:14:42
Local clock offset: 1.092 ms
Remote clock offset: -17.205 ms

Below is generated by plot.py at 2019-12-11 09:27:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 54.426 ms
Loss rate: 0.16%

-- Flow 1:

Average throughput: 54.53 Mbit/s
95th percentile per-packet one-way delay: 49.504 ms
Loss rate: 0.09%

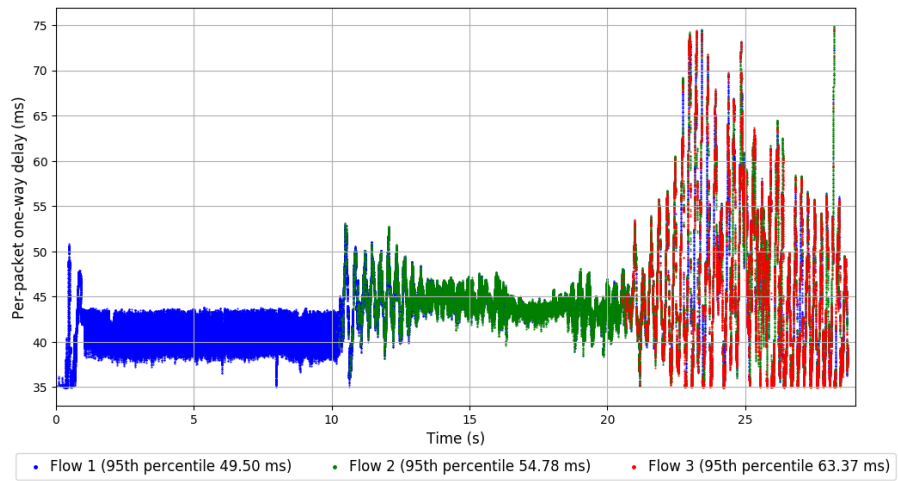
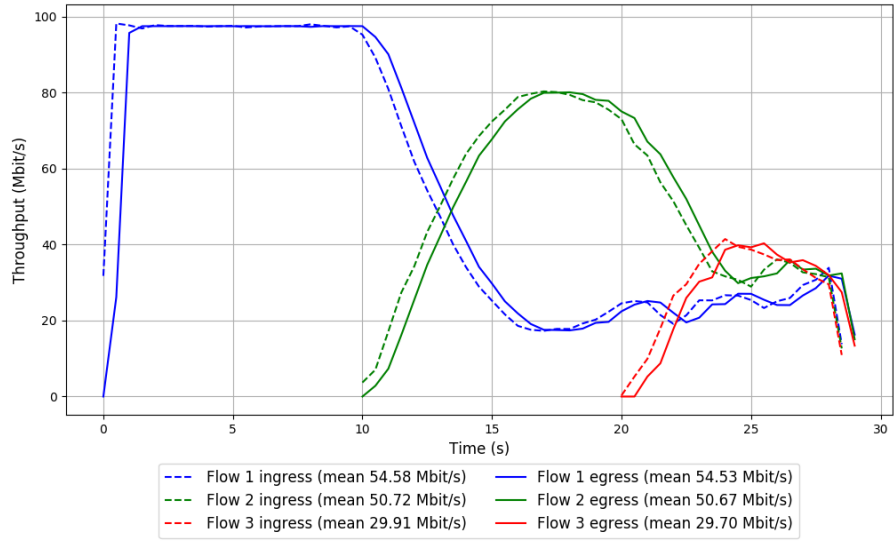
-- Flow 2:

Average throughput: 50.67 Mbit/s
95th percentile per-packet one-way delay: 54.782 ms
Loss rate: 0.11%

-- Flow 3:

Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 63.366 ms
Loss rate: 0.77%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-12-11 08:43:41
End at: 2019-12-11 08:44:11
Local clock offset: -0.484 ms
Remote clock offset: -14.369 ms

Below is generated by plot.py at 2019-12-11 09:27:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.42 Mbit/s
95th percentile per-packet one-way delay: 53.057 ms
Loss rate: 0.90%

-- Flow 1:

Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 49.722 ms
Loss rate: 0.33%

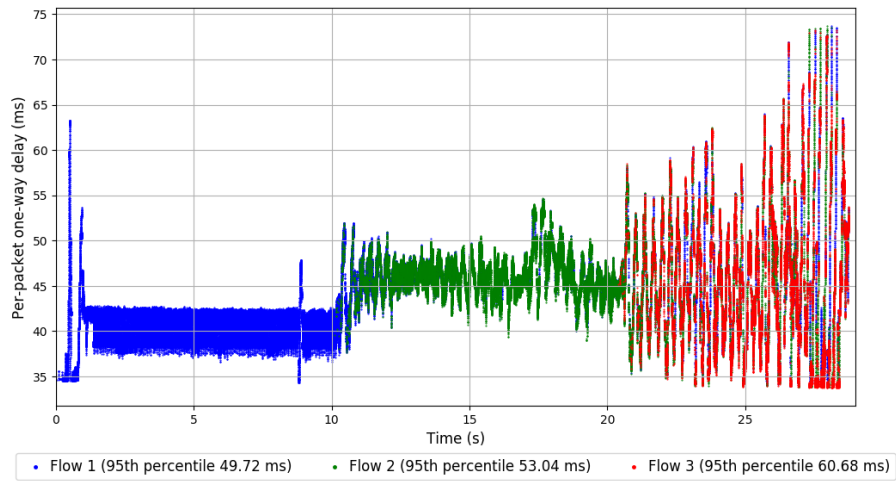
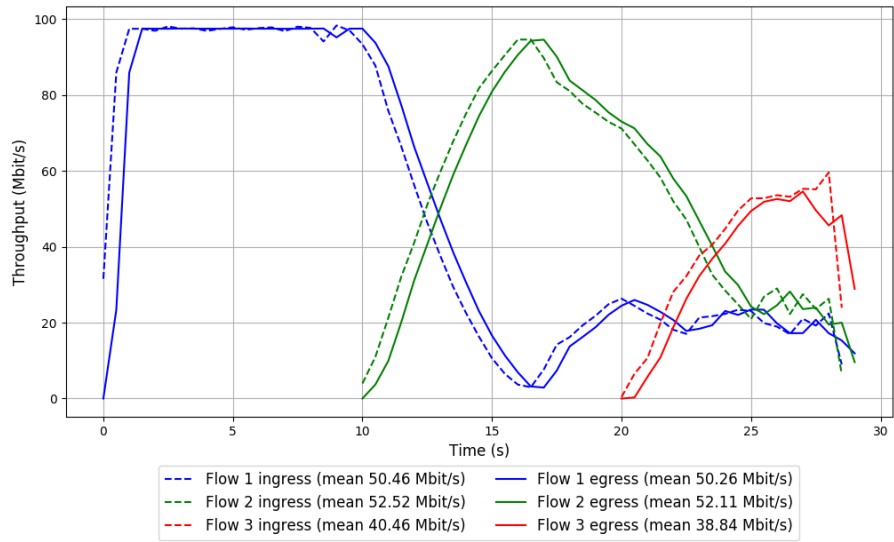
-- Flow 2:

Average throughput: 52.11 Mbit/s
95th percentile per-packet one-way delay: 53.039 ms
Loss rate: 0.71%

-- Flow 3:

Average throughput: 38.84 Mbit/s
95th percentile per-packet one-way delay: 60.677 ms
Loss rate: 3.90%

Run 4: Report of Indigo-MusesC3 — Data Link

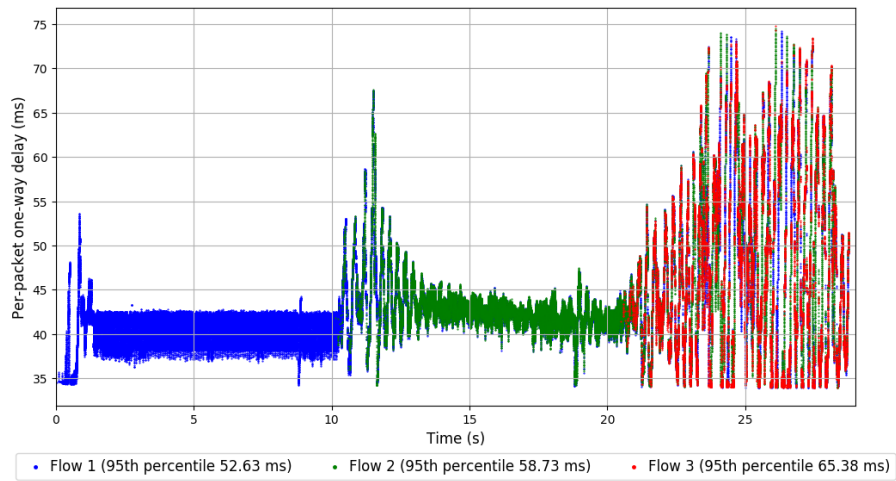
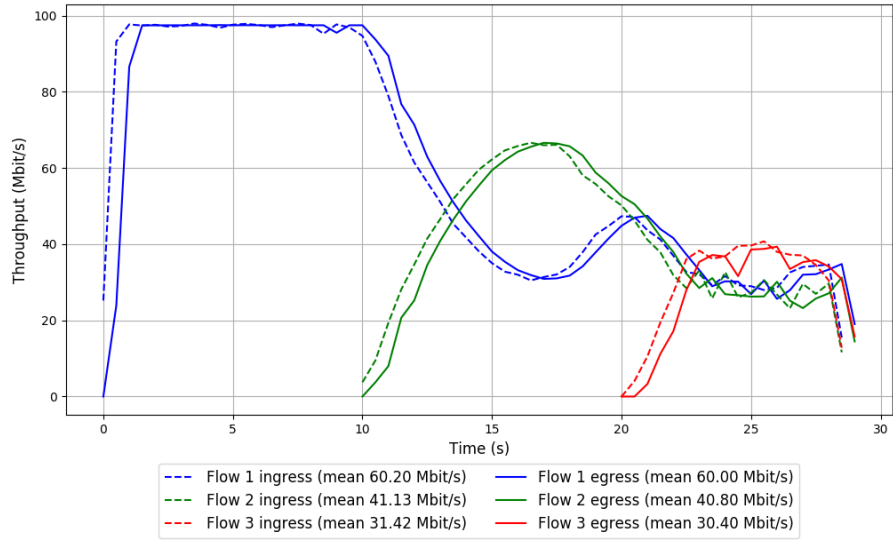


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-12-11 09:13:41
End at: 2019-12-11 09:14:11
Local clock offset: -2.652 ms
Remote clock offset: -1.324 ms

```
# Below is generated by plot.py at 2019-12-11 09:28:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.18 Mbit/s
95th percentile per-packet one-way delay: 57.739 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 60.00 Mbit/s
95th percentile per-packet one-way delay: 52.627 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 40.80 Mbit/s
95th percentile per-packet one-way delay: 58.727 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 30.40 Mbit/s
95th percentile per-packet one-way delay: 65.377 ms
Loss rate: 3.14%
```

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-12-11 06:47:05

End at: 2019-12-11 06:47:35

Local clock offset: 0.569 ms

Remote clock offset: 4.787 ms

Below is generated by plot.py at 2019-12-11 09:28:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.61 Mbit/s

95th percentile per-packet one-way delay: 72.030 ms

Loss rate: 21.05%

-- Flow 1:

Average throughput: 63.13 Mbit/s

95th percentile per-packet one-way delay: 70.145 ms

Loss rate: 15.79%

-- Flow 2:

Average throughput: 40.65 Mbit/s

95th percentile per-packet one-way delay: 73.903 ms

Loss rate: 31.26%

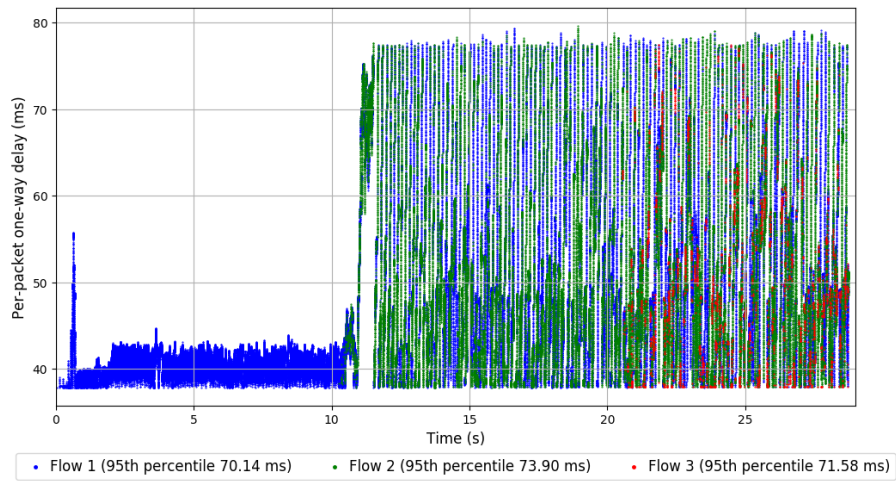
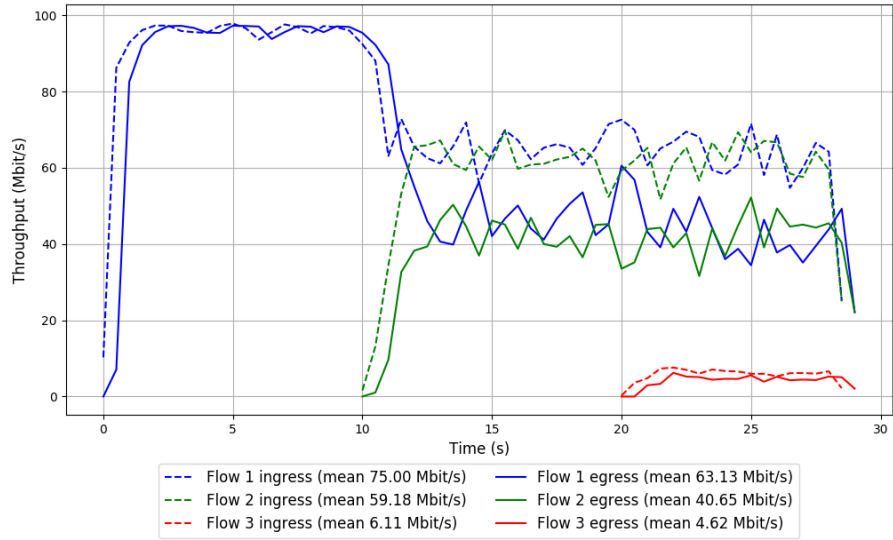
-- Flow 3:

Average throughput: 4.62 Mbit/s

95th percentile per-packet one-way delay: 71.585 ms

Loss rate: 24.42%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-12-11 07:20:33

End at: 2019-12-11 07:21:03

Local clock offset: 1.465 ms

Remote clock offset: 5.048 ms

Below is generated by plot.py at 2019-12-11 09:28:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.98 Mbit/s

95th percentile per-packet one-way delay: 70.304 ms

Loss rate: 1.60%

-- Flow 1:

Average throughput: 66.47 Mbit/s

95th percentile per-packet one-way delay: 68.427 ms

Loss rate: 1.04%

-- Flow 2:

Average throughput: 39.68 Mbit/s

95th percentile per-packet one-way delay: 72.163 ms

Loss rate: 2.70%

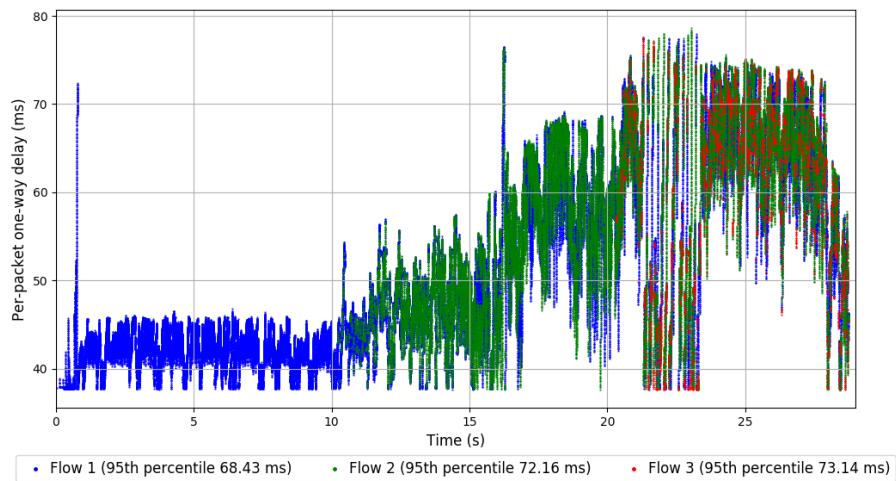
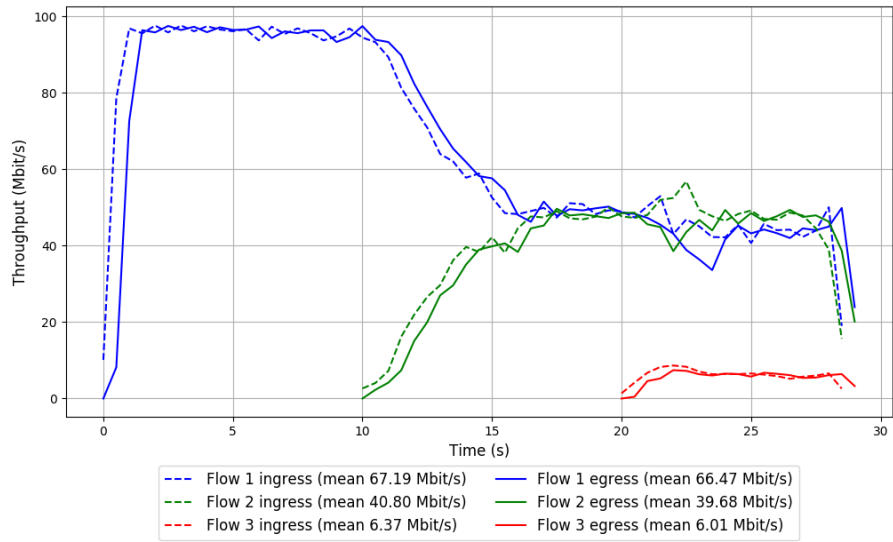
-- Flow 3:

Average throughput: 6.01 Mbit/s

95th percentile per-packet one-way delay: 73.139 ms

Loss rate: 5.94%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-12-11 08:00:26
End at: 2019-12-11 08:00:56
Local clock offset: 1.207 ms
Remote clock offset: -12.637 ms

Below is generated by plot.py at 2019-12-11 09:28:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.79 Mbit/s
95th percentile per-packet one-way delay: 71.172 ms
Loss rate: 9.45%

-- Flow 1:

Average throughput: 45.37 Mbit/s
95th percentile per-packet one-way delay: 70.233 ms
Loss rate: 8.68%

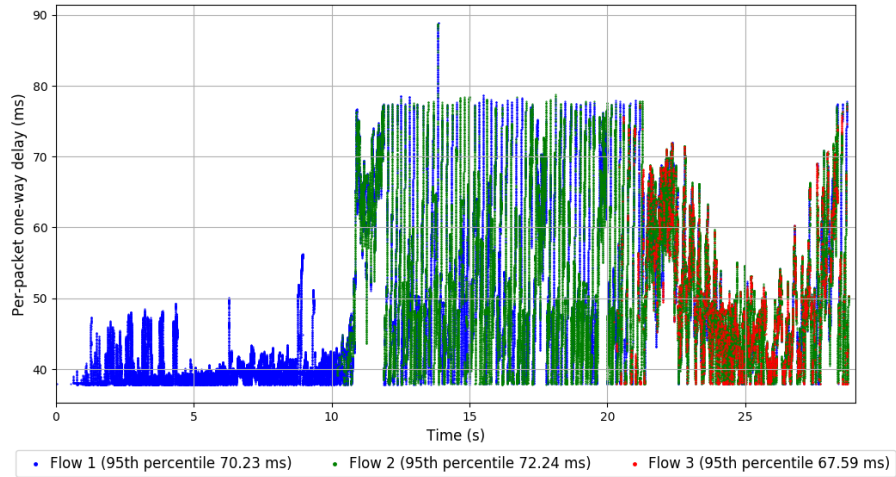
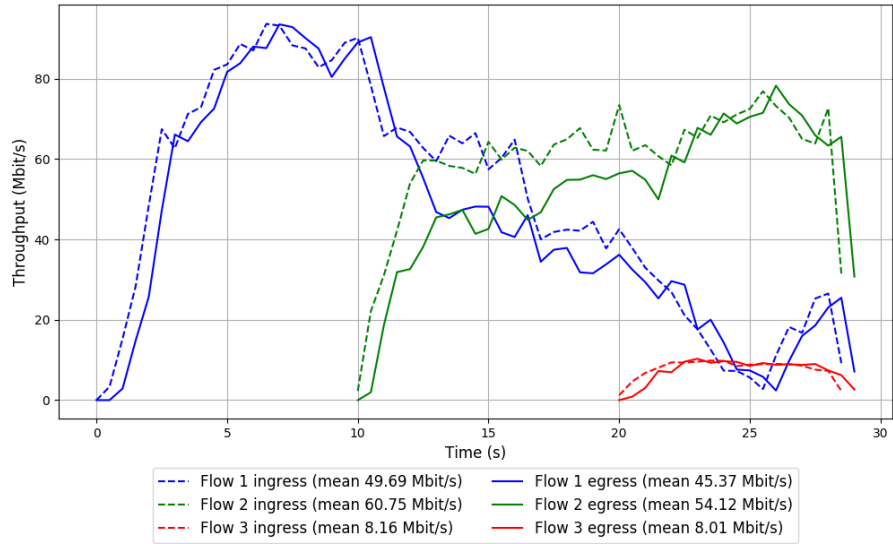
-- Flow 2:

Average throughput: 54.12 Mbit/s
95th percentile per-packet one-way delay: 72.243 ms
Loss rate: 10.88%

-- Flow 3:

Average throughput: 8.01 Mbit/s
95th percentile per-packet one-way delay: 67.595 ms
Loss rate: 1.87%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-12-11 08:34:56
End at: 2019-12-11 08:35:26
Local clock offset: 1.057 ms
Remote clock offset: -21.534 ms

Below is generated by plot.py at 2019-12-11 09:28:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.00 Mbit/s
95th percentile per-packet one-way delay: 66.538 ms
Loss rate: 15.95%

-- Flow 1:

Average throughput: 58.11 Mbit/s
95th percentile per-packet one-way delay: 64.336 ms
Loss rate: 12.83%

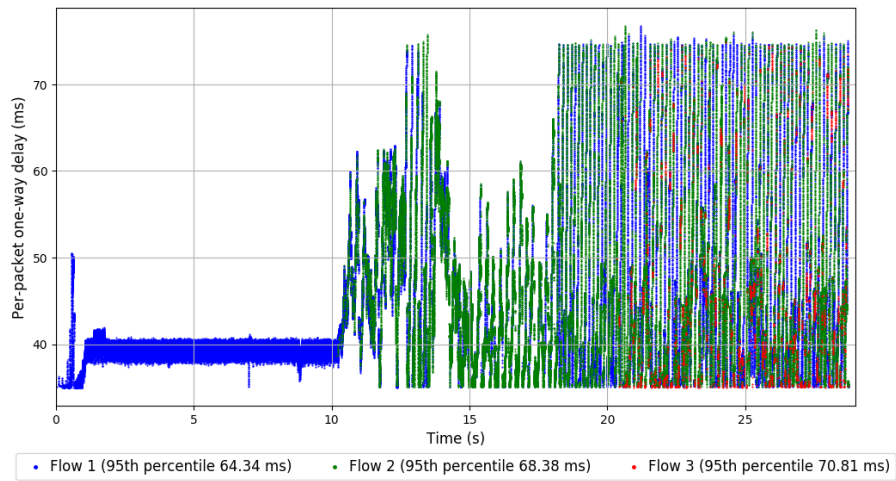
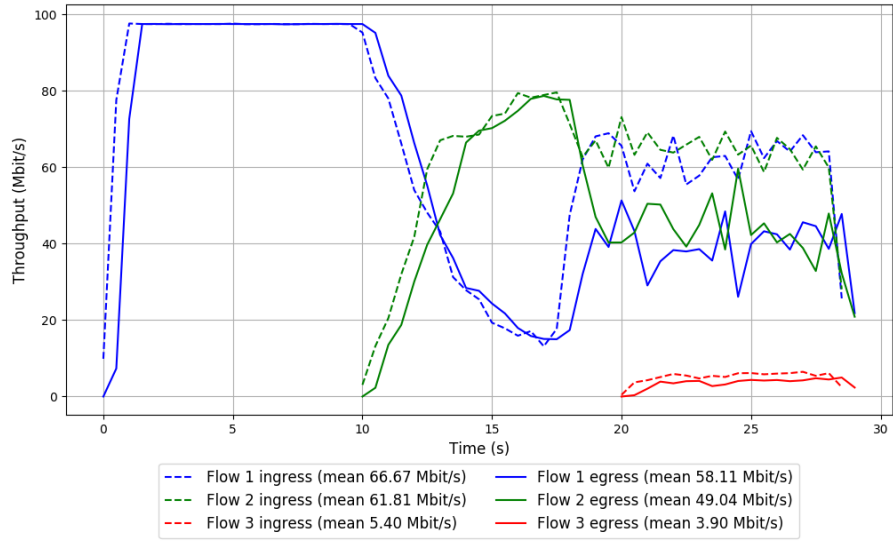
-- Flow 2:

Average throughput: 49.04 Mbit/s
95th percentile per-packet one-way delay: 68.376 ms
Loss rate: 20.67%

-- Flow 3:

Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 70.813 ms
Loss rate: 27.90%

Run 4: Report of Indigo-MusesC5 — Data Link

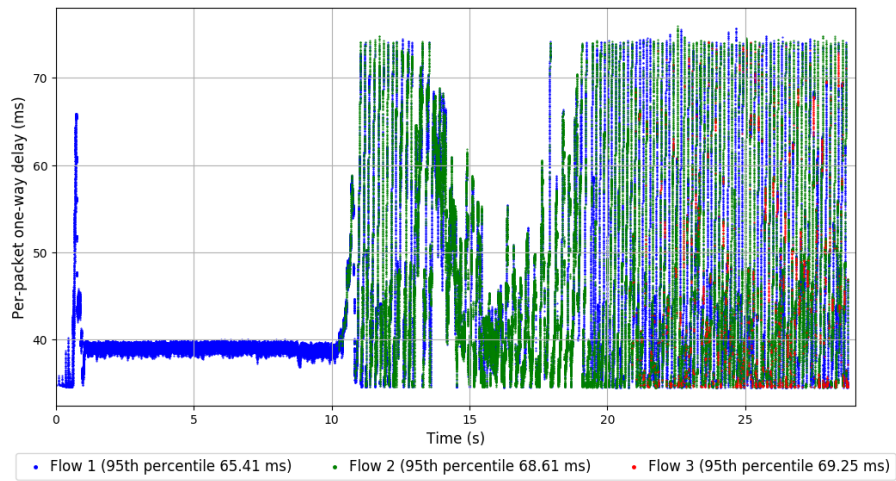
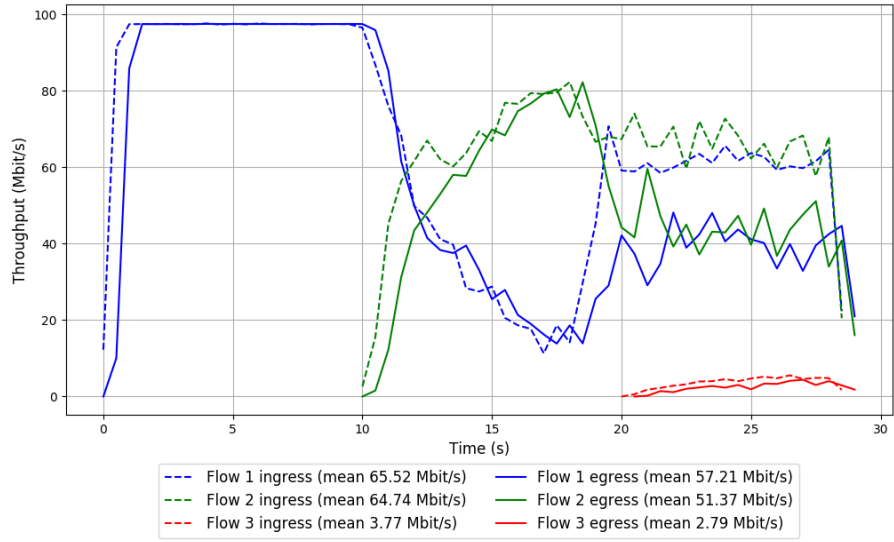


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-12-11 09:04:58
End at: 2019-12-11 09:05:28
Local clock offset: -2.887 ms
Remote clock offset: -3.434 ms

```
# Below is generated by plot.py at 2019-12-11 09:29:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.19 Mbit/s
95th percentile per-packet one-way delay: 67.129 ms
Loss rate: 15.90%
-- Flow 1:
Average throughput: 57.21 Mbit/s
95th percentile per-packet one-way delay: 65.409 ms
Loss rate: 12.64%
-- Flow 2:
Average throughput: 51.37 Mbit/s
95th percentile per-packet one-way delay: 68.610 ms
Loss rate: 20.62%
-- Flow 3:
Average throughput: 2.79 Mbit/s
95th percentile per-packet one-way delay: 69.246 ms
Loss rate: 30.44%
```

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-12-11 06:49:43

End at: 2019-12-11 06:50:13

Local clock offset: 0.956 ms

Remote clock offset: 4.937 ms

Below is generated by plot.py at 2019-12-11 09:29:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.85 Mbit/s

95th percentile per-packet one-way delay: 70.945 ms

Loss rate: 3.42%

-- Flow 1:

Average throughput: 52.82 Mbit/s

95th percentile per-packet one-way delay: 46.501 ms

Loss rate: 1.08%

-- Flow 2:

Average throughput: 60.43 Mbit/s

95th percentile per-packet one-way delay: 74.236 ms

Loss rate: 5.81%

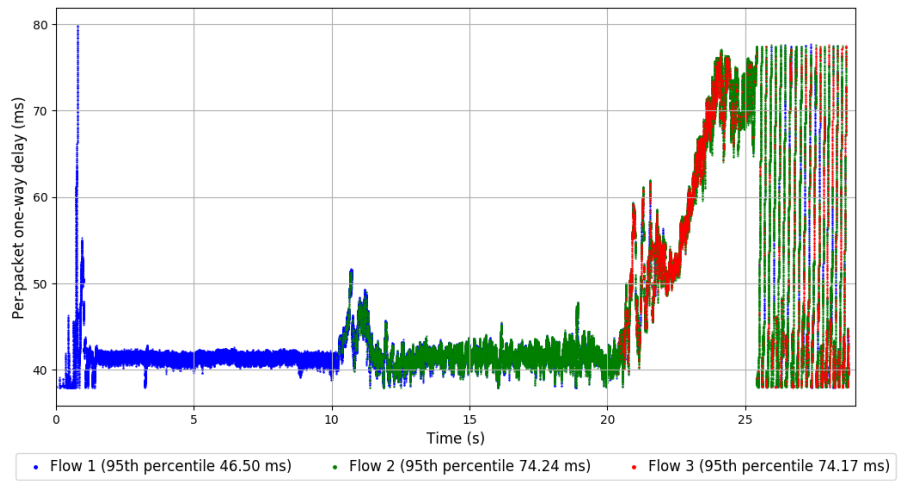
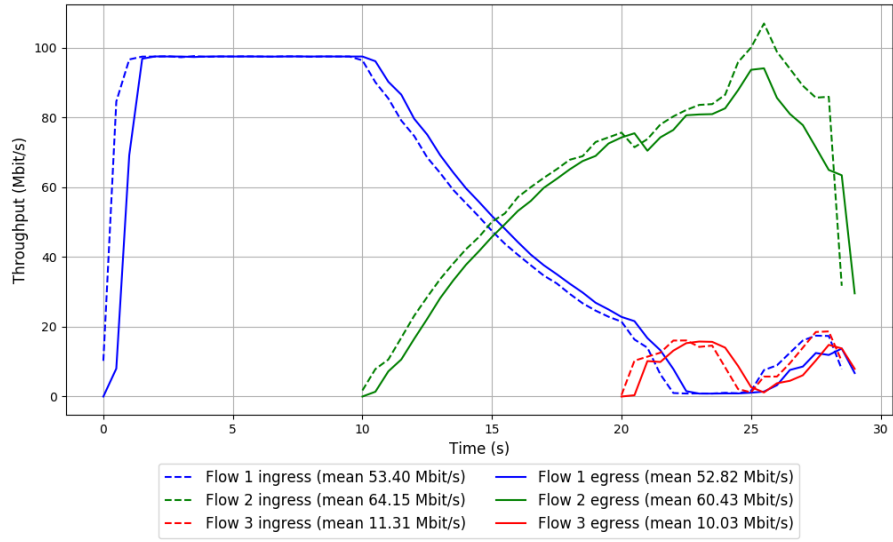
-- Flow 3:

Average throughput: 10.03 Mbit/s

95th percentile per-packet one-way delay: 74.167 ms

Loss rate: 11.29%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-12-11 07:23:28

End at: 2019-12-11 07:23:58

Local clock offset: 1.351 ms

Remote clock offset: 5.178 ms

Below is generated by plot.py at 2019-12-11 09:29:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 68.10 Mbit/s

95th percentile per-packet one-way delay: 64.818 ms

Loss rate: 5.32%

-- Flow 1:

Average throughput: 39.19 Mbit/s

95th percentile per-packet one-way delay: 64.305 ms

Loss rate: 5.00%

-- Flow 2:

Average throughput: 28.68 Mbit/s

95th percentile per-packet one-way delay: 68.904 ms

Loss rate: 8.63%

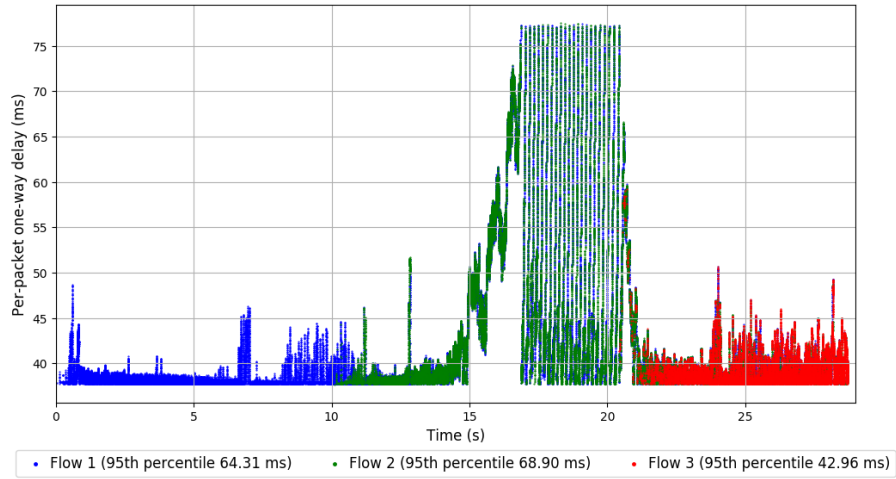
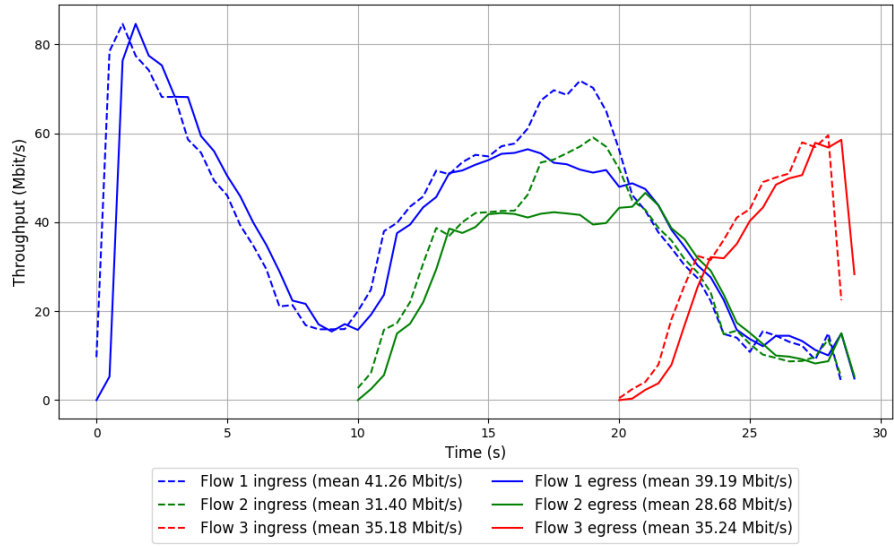
-- Flow 3:

Average throughput: 35.24 Mbit/s

95th percentile per-packet one-way delay: 42.958 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-12-11 08:03:53
End at: 2019-12-11 08:04:23
Local clock offset: 1.209 ms
Remote clock offset: -13.46 ms

Below is generated by plot.py at 2019-12-11 09:29:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.58 Mbit/s
95th percentile per-packet one-way delay: 68.855 ms
Loss rate: 4.76%

-- Flow 1:

Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 67.388 ms
Loss rate: 3.83%

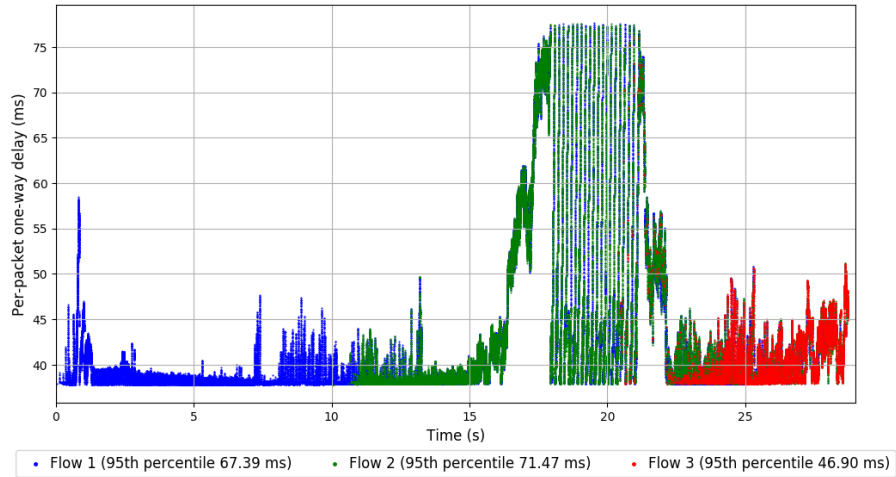
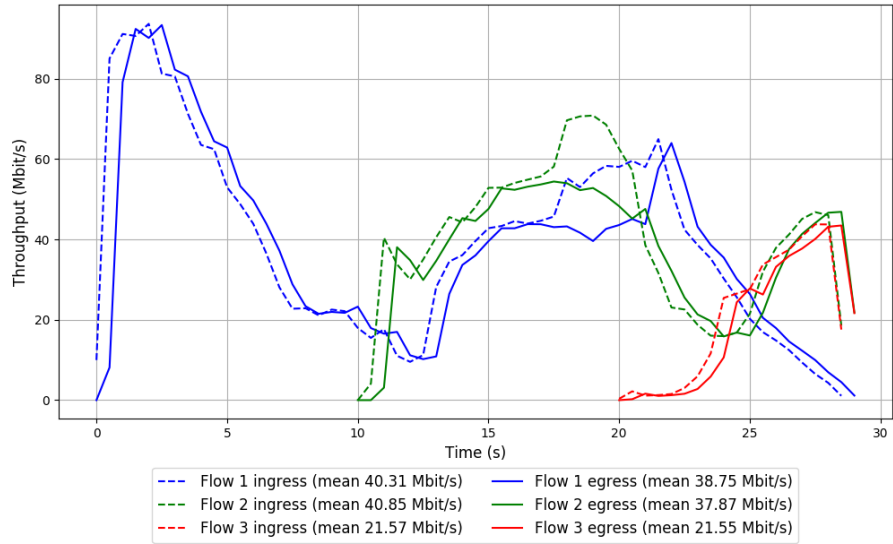
-- Flow 2:

Average throughput: 37.87 Mbit/s
95th percentile per-packet one-way delay: 71.470 ms
Loss rate: 7.25%

-- Flow 3:

Average throughput: 21.55 Mbit/s
95th percentile per-packet one-way delay: 46.903 ms
Loss rate: 0.18%

Run 3: Report of Indigo-MusesD — Data Link

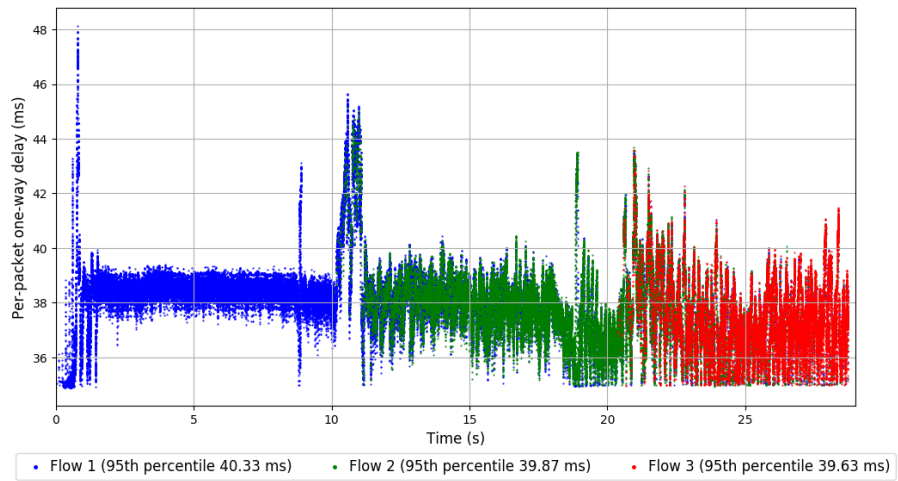
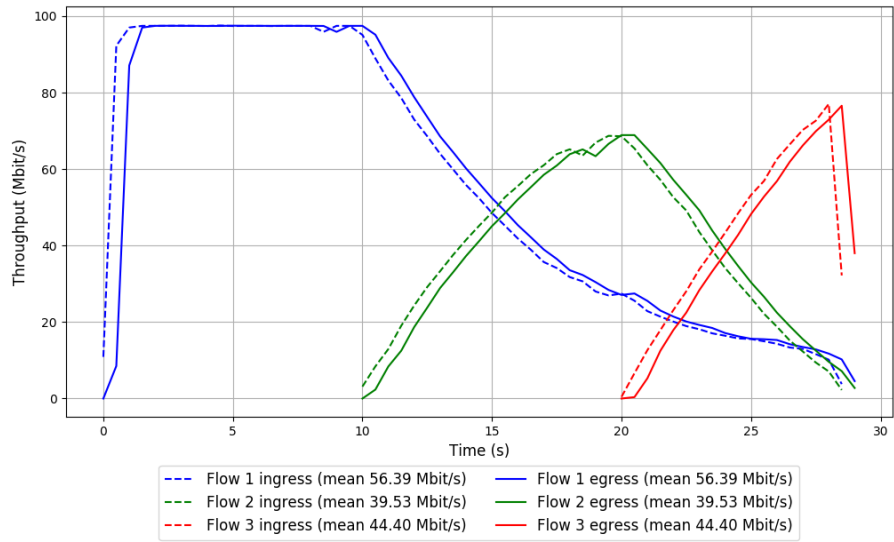


Run 4: Statistics of Indigo-MusesD

Start at: 2019-12-11 08:37:20
End at: 2019-12-11 08:37:50
Local clock offset: 1.073 ms
Remote clock offset: -22.038 ms

```
# Below is generated by plot.py at 2019-12-11 09:29:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 40.002 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.39 Mbit/s
95th percentile per-packet one-way delay: 40.330 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: 39.871 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.40 Mbit/s
95th percentile per-packet one-way delay: 39.633 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesD — Data Link

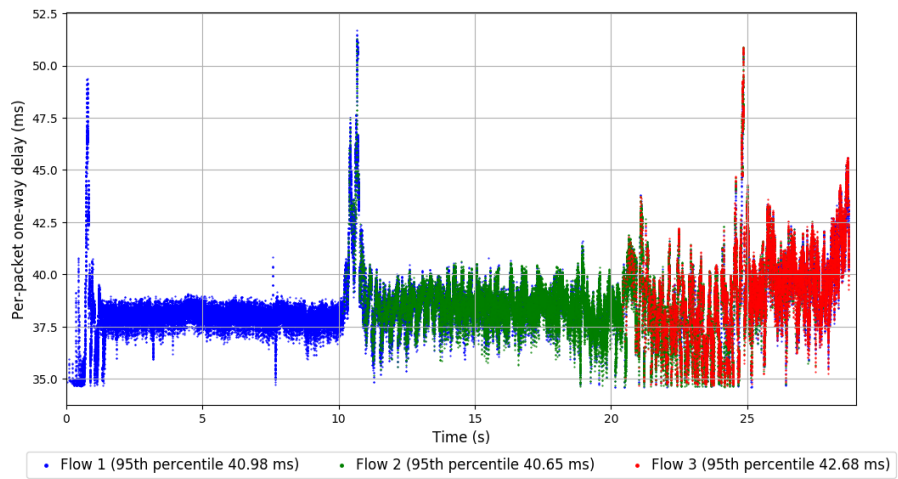
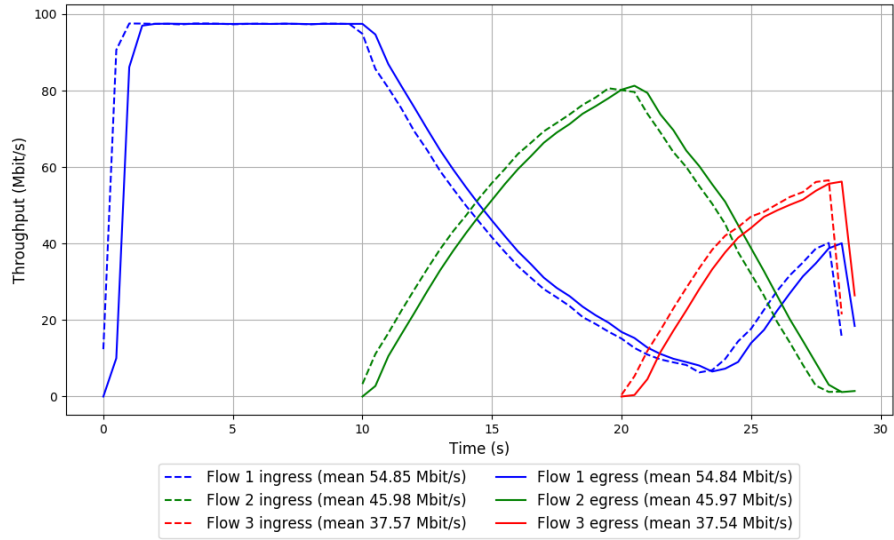


Run 5: Statistics of Indigo-MusesD

Start at: 2019-12-11 09:07:22
End at: 2019-12-11 09:07:52
Local clock offset: -2.987 ms
Remote clock offset: -2.887 ms

```
# Below is generated by plot.py at 2019-12-11 09:29:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 41.323 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.84 Mbit/s
95th percentile per-packet one-way delay: 40.982 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.97 Mbit/s
95th percentile per-packet one-way delay: 40.648 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.54 Mbit/s
95th percentile per-packet one-way delay: 42.679 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MuseST

Start at: 2019-12-11 06:39:26

End at: 2019-12-11 06:39:56

Local clock offset: -1.427 ms

Remote clock offset: 4.786 ms

Below is generated by plot.py at 2019-12-11 09:30:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.07 Mbit/s

95th percentile per-packet one-way delay: 72.453 ms

Loss rate: 29.10%

-- Flow 1:

Average throughput: 60.82 Mbit/s

95th percentile per-packet one-way delay: 70.809 ms

Loss rate: 23.63%

-- Flow 2:

Average throughput: 44.32 Mbit/s

95th percentile per-packet one-way delay: 74.224 ms

Loss rate: 38.45%

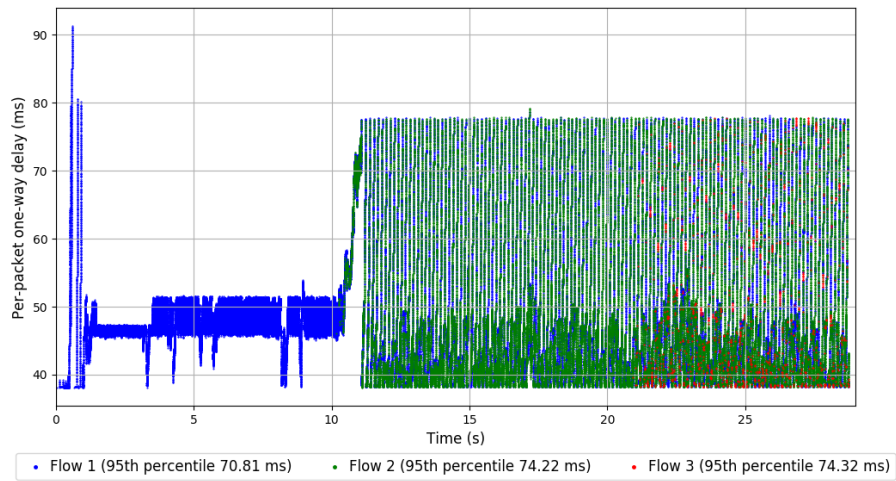
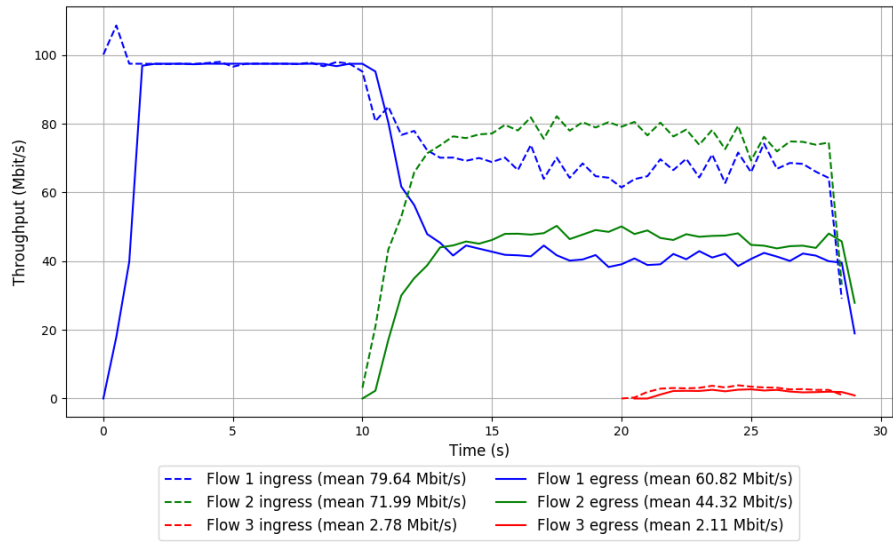
-- Flow 3:

Average throughput: 2.11 Mbit/s

95th percentile per-packet one-way delay: 74.324 ms

Loss rate: 28.72%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MuseST

Start at: 2019-12-11 07:10:53

End at: 2019-12-11 07:11:23

Local clock offset: 2.106 ms

Remote clock offset: 5.002 ms

Below is generated by plot.py at 2019-12-11 09:30:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.29 Mbit/s

95th percentile per-packet one-way delay: 69.843 ms

Loss rate: 19.50%

-- Flow 1:

Average throughput: 66.91 Mbit/s

95th percentile per-packet one-way delay: 67.258 ms

Loss rate: 14.42%

-- Flow 2:

Average throughput: 36.47 Mbit/s

95th percentile per-packet one-way delay: 73.172 ms

Loss rate: 30.74%

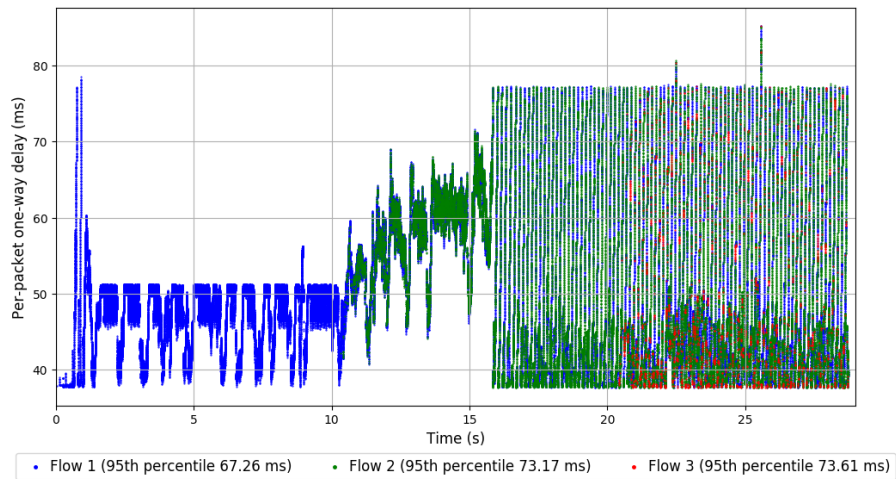
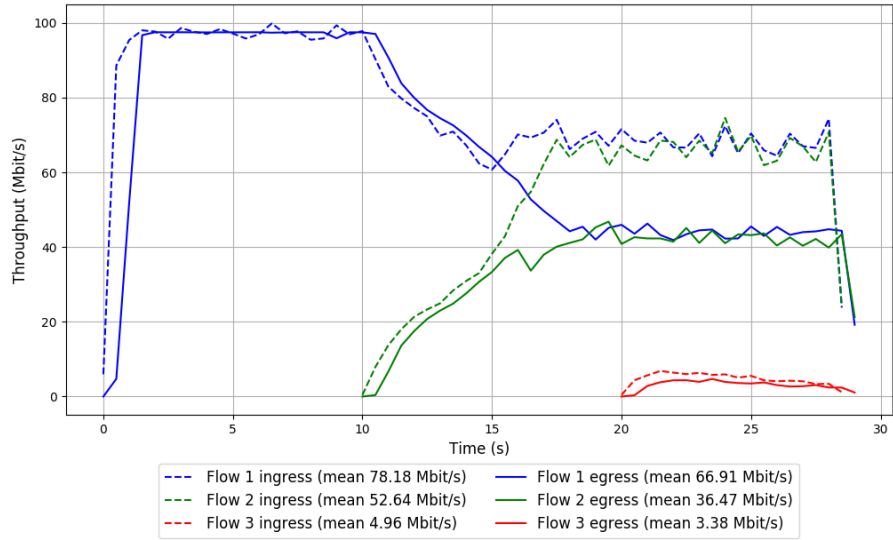
-- Flow 3:

Average throughput: 3.38 Mbit/s

95th percentile per-packet one-way delay: 73.608 ms

Loss rate: 31.83%

Run 2: Report of Indigo-MusesT — Data Link

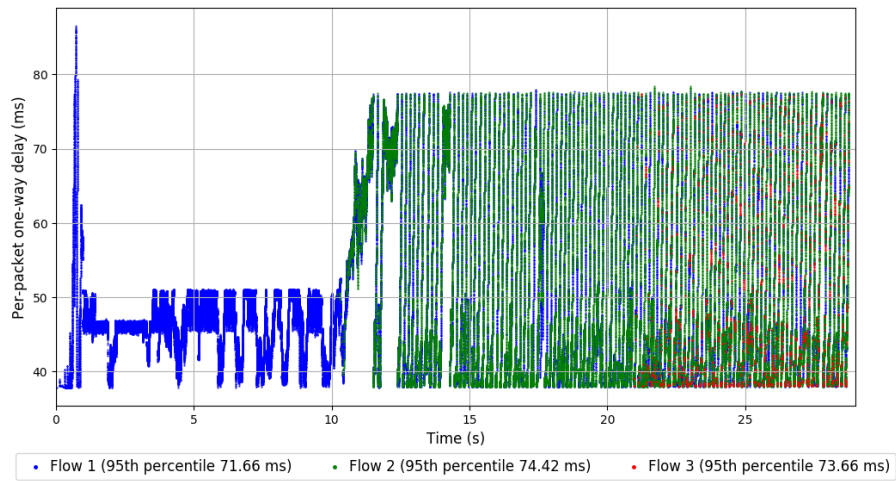
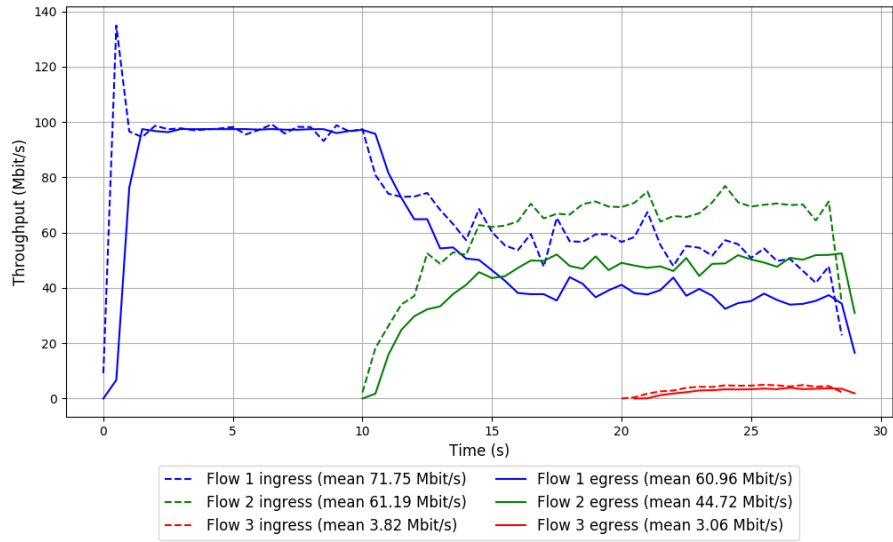


Run 3: Statistics of Indigo-MuseST

Start at: 2019-12-11 07:48:28
End at: 2019-12-11 07:48:58
Local clock offset: 1.198 ms
Remote clock offset: -9.023 ms

```
# Below is generated by plot.py at 2019-12-11 09:30:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 72.852 ms
Loss rate: 19.29%
-- Flow 1:
Average throughput: 60.96 Mbit/s
95th percentile per-packet one-way delay: 71.662 ms
Loss rate: 15.00%
-- Flow 2:
Average throughput: 44.72 Mbit/s
95th percentile per-packet one-way delay: 74.423 ms
Loss rate: 26.92%
-- Flow 3:
Average throughput: 3.06 Mbit/s
95th percentile per-packet one-way delay: 73.657 ms
Loss rate: 24.76%
```

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MuseST

Start at: 2019-12-11 08:27:34

End at: 2019-12-11 08:28:04

Local clock offset: 1.051 ms

Remote clock offset: -20.1 ms

Below is generated by plot.py at 2019-12-11 09:30:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.36 Mbit/s

95th percentile per-packet one-way delay: 69.224 ms

Loss rate: 20.51%

-- Flow 1:

Average throughput: 53.45 Mbit/s

95th percentile per-packet one-way delay: 66.800 ms

Loss rate: 16.66%

-- Flow 2:

Average throughput: 57.70 Mbit/s

95th percentile per-packet one-way delay: 70.518 ms

Loss rate: 25.39%

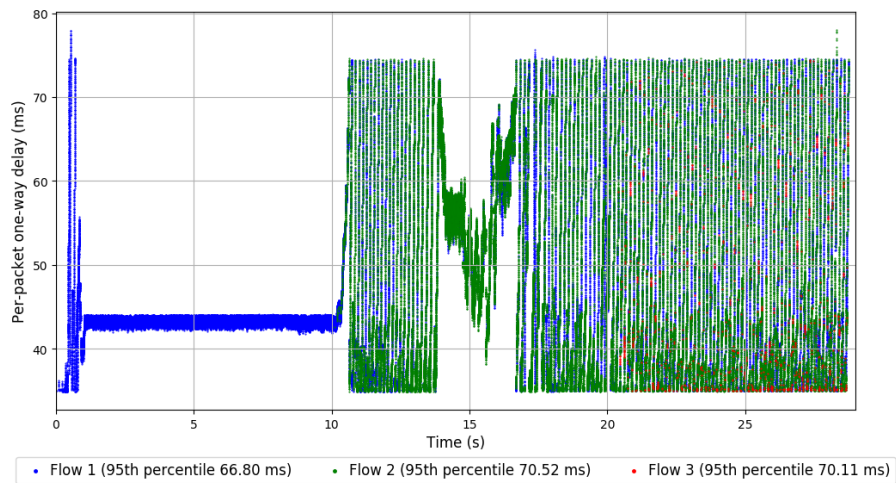
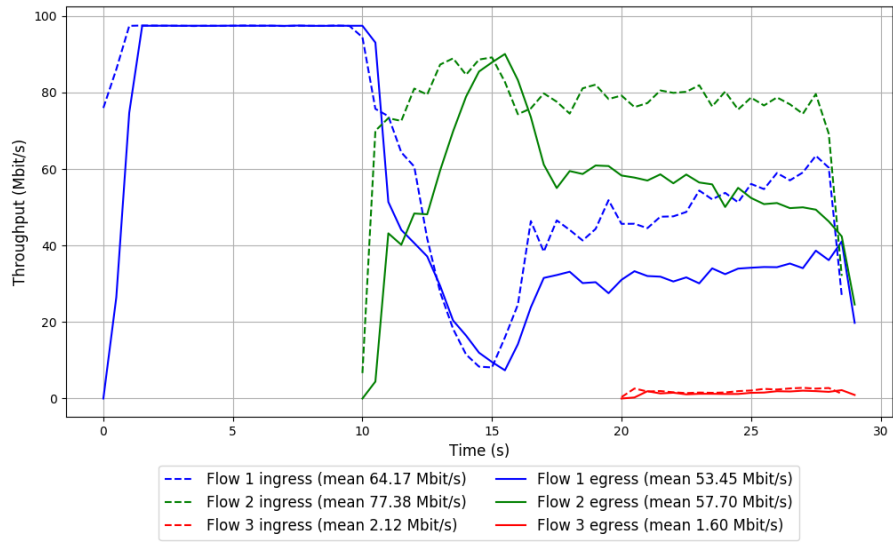
-- Flow 3:

Average throughput: 1.60 Mbit/s

95th percentile per-packet one-way delay: 70.105 ms

Loss rate: 24.75%

Run 4: Report of Indigo-MusesT — Data Link

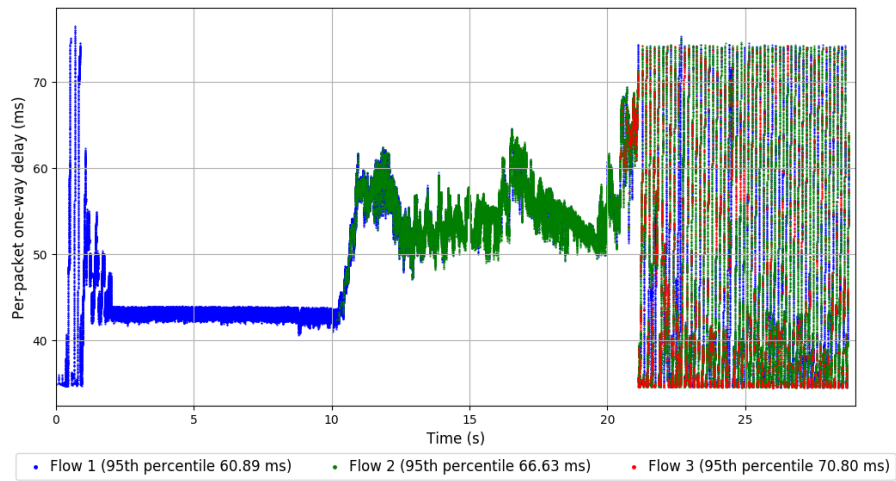
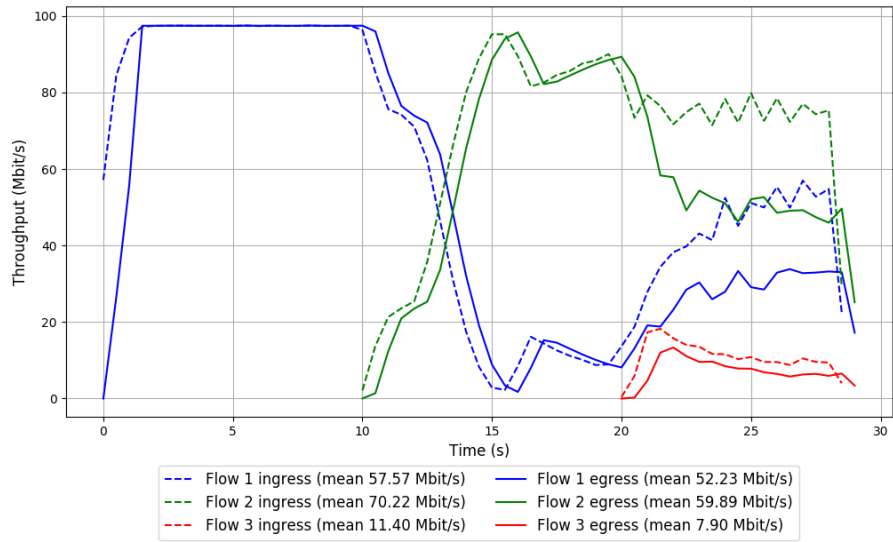


Run 5: Statistics of Indigo-MuseST

Start at: 2019-12-11 08:57:14
End at: 2019-12-11 08:57:44
Local clock offset: -2.348 ms
Remote clock offset: -5.297 ms

```
# Below is generated by plot.py at 2019-12-11 09:30:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 64.869 ms
Loss rate: 12.18%
-- Flow 1:
Average throughput: 52.23 Mbit/s
95th percentile per-packet one-way delay: 60.888 ms
Loss rate: 9.18%
-- Flow 2:
Average throughput: 59.89 Mbit/s
95th percentile per-packet one-way delay: 66.628 ms
Loss rate: 14.62%
-- Flow 3:
Average throughput: 7.90 Mbit/s
95th percentile per-packet one-way delay: 70.796 ms
Loss rate: 30.65%
```

Run 5: Report of Indigo-MusesT — Data Link



Run 1: Statistics of LEDBAT

Start at: 2019-12-11 06:36:37

End at: 2019-12-11 06:37:07

Local clock offset: -1.74 ms

Remote clock offset: 2.783 ms

Below is generated by plot.py at 2019-12-11 09:30:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 64.81 Mbit/s

95th percentile per-packet one-way delay: 67.121 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 40.26 Mbit/s

95th percentile per-packet one-way delay: 66.950 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 32.15 Mbit/s

95th percentile per-packet one-way delay: 67.142 ms

Loss rate: 0.00%

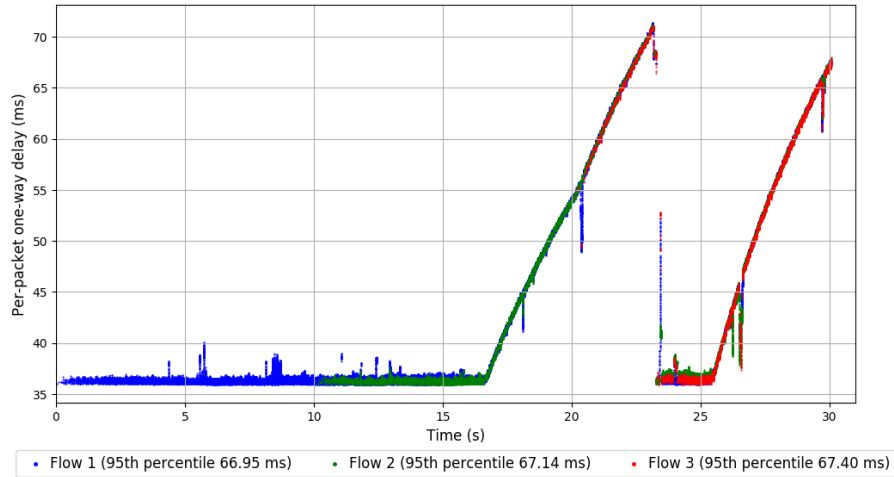
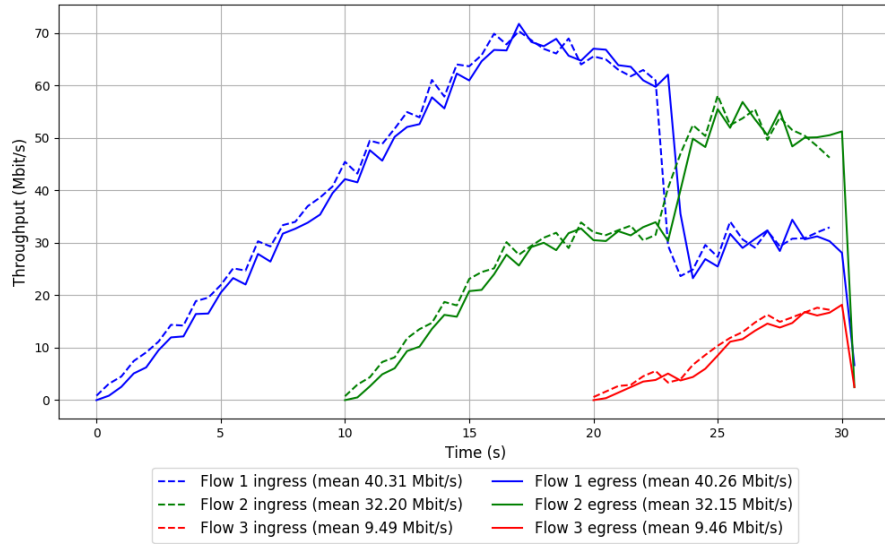
-- Flow 3:

Average throughput: 9.46 Mbit/s

95th percentile per-packet one-way delay: 67.397 ms

Loss rate: 0.17%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-12-11 07:08:10

End at: 2019-12-11 07:08:40

Local clock offset: 2.45 ms

Remote clock offset: 4.994 ms

Below is generated by plot.py at 2019-12-11 09:30:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 59.62 Mbit/s

95th percentile per-packet one-way delay: 73.583 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 33.31 Mbit/s

95th percentile per-packet one-way delay: 71.075 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 33.40 Mbit/s

95th percentile per-packet one-way delay: 74.461 ms

Loss rate: 0.40%

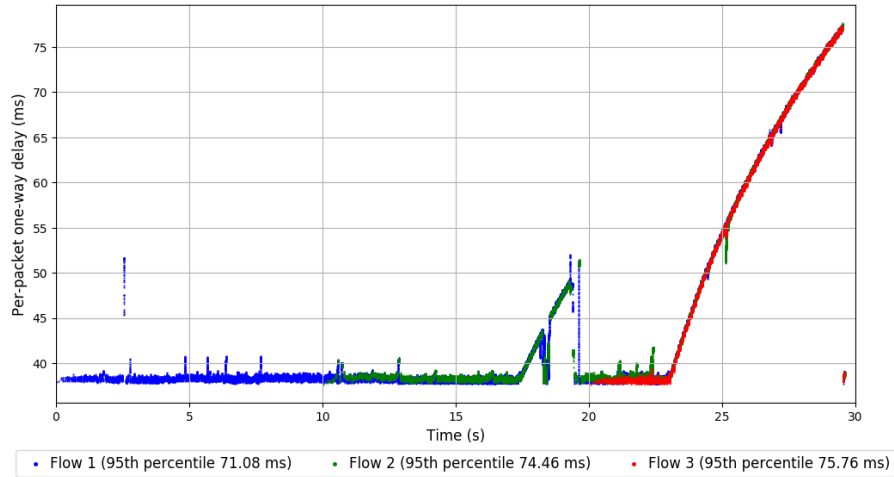
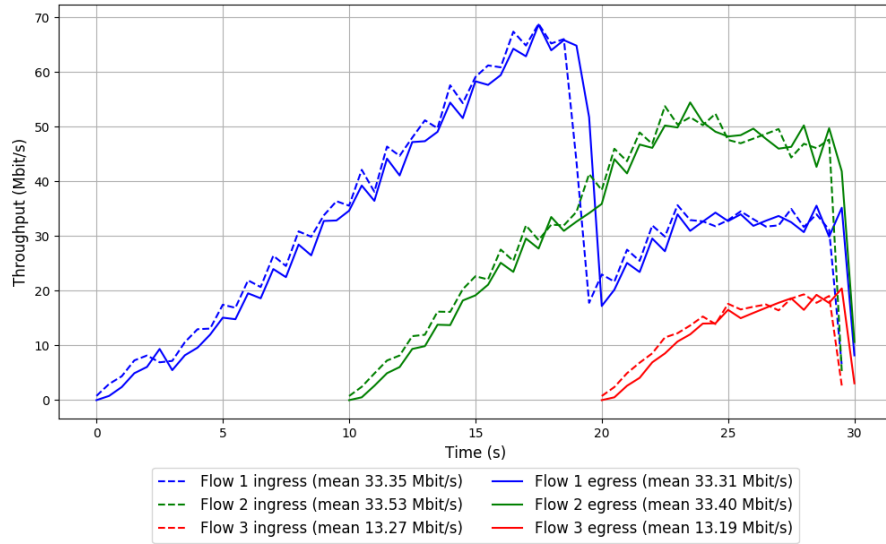
-- Flow 3:

Average throughput: 13.19 Mbit/s

95th percentile per-packet one-way delay: 75.756 ms

Loss rate: 0.55%

Run 2: Report of LEDBAT — Data Link

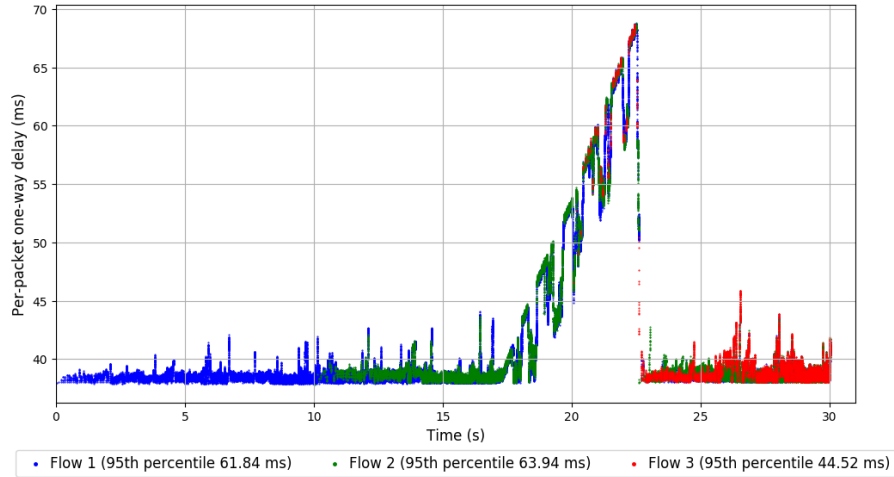
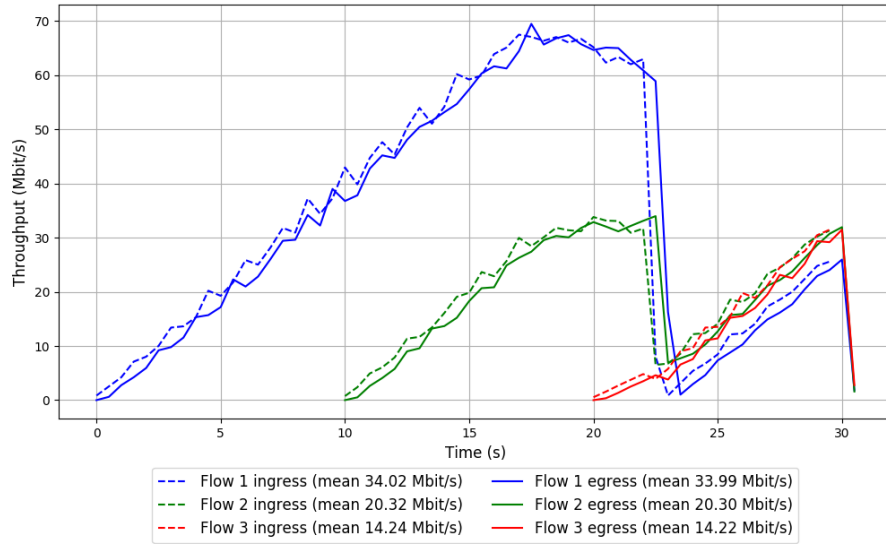


Run 3: Statistics of LEDBAT

Start at: 2019-12-11 07:44:53
End at: 2019-12-11 07:45:23
Local clock offset: 1.178 ms
Remote clock offset: -7.539 ms

```
# Below is generated by plot.py at 2019-12-11 09:30:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.24 Mbit/s
95th percentile per-packet one-way delay: 62.192 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 33.99 Mbit/s
95th percentile per-packet one-way delay: 61.837 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 20.30 Mbit/s
95th percentile per-packet one-way delay: 63.937 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 14.22 Mbit/s
95th percentile per-packet one-way delay: 44.525 ms
Loss rate: 0.13%
```

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-12-11 08:25:06
End at: 2019-12-11 08:25:36
Local clock offset: 1.047 ms
Remote clock offset: -19.605 ms

Below is generated by plot.py at 2019-12-11 09:30:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 56.45 Mbit/s
95th percentile per-packet one-way delay: 70.139 ms
Loss rate: 0.22%

-- Flow 1:

Average throughput: 37.72 Mbit/s
95th percentile per-packet one-way delay: 69.679 ms
Loss rate: 0.30%

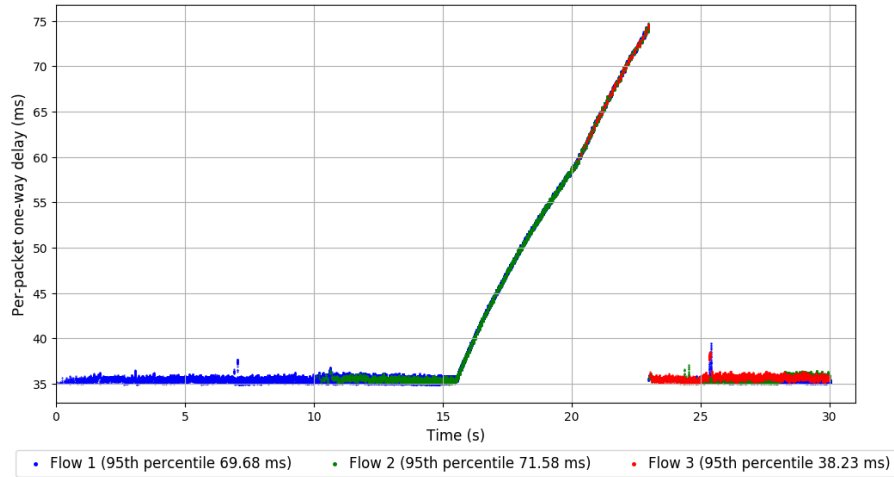
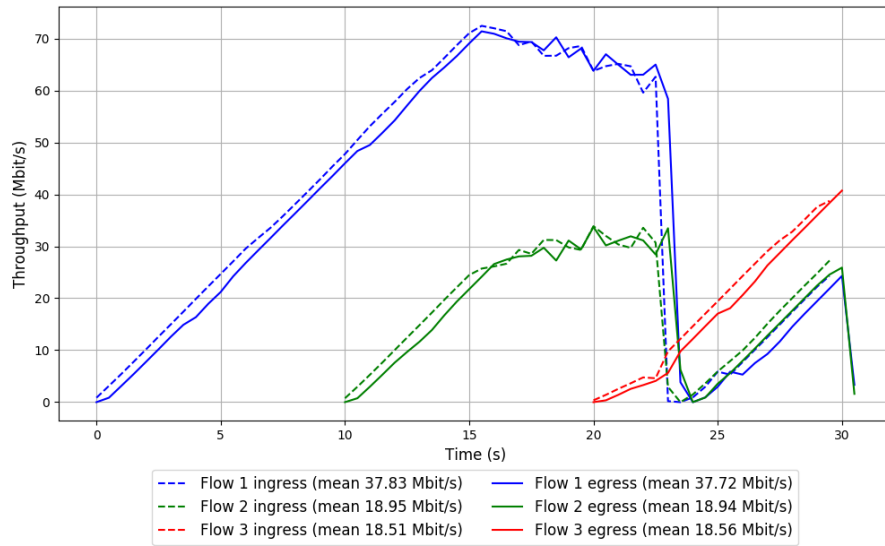
-- Flow 2:

Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 71.577 ms
Loss rate: 0.09%

-- Flow 3:

Average throughput: 18.56 Mbit/s
95th percentile per-packet one-way delay: 38.228 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-12-11 08:54:37
End at: 2019-12-11 08:55:07
Local clock offset: -2.114 ms
Remote clock offset: -6.419 ms

Below is generated by plot.py at 2019-12-11 09:30:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 56.49 Mbit/s
95th percentile per-packet one-way delay: 69.656 ms
Loss rate: 0.22%

-- Flow 1:

Average throughput: 38.03 Mbit/s
95th percentile per-packet one-way delay: 69.592 ms
Loss rate: 0.23%

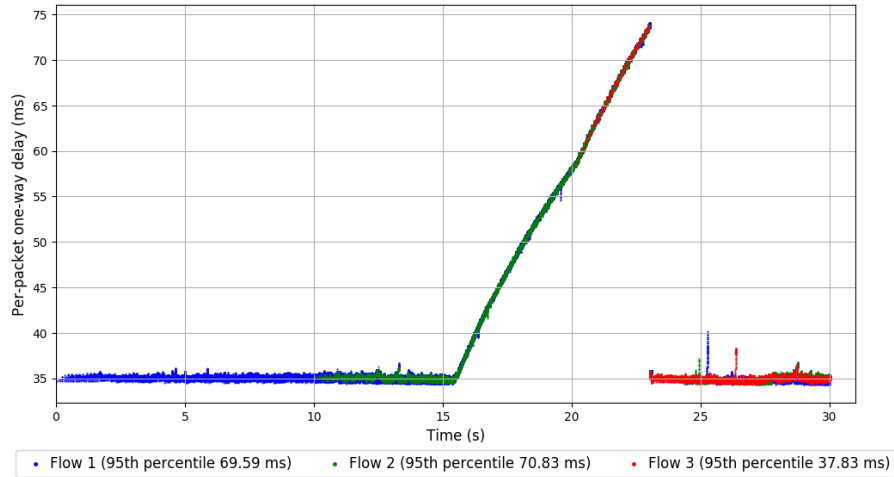
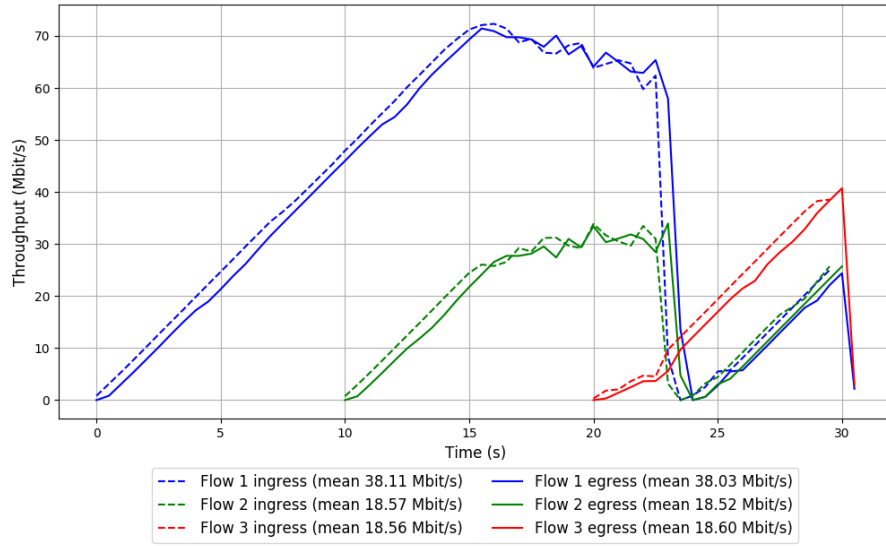
-- Flow 2:

Average throughput: 18.52 Mbit/s
95th percentile per-packet one-way delay: 70.828 ms
Loss rate: 0.30%

-- Flow 3:

Average throughput: 18.60 Mbit/s
95th percentile per-packet one-way delay: 37.829 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of Muses_DecisionTree

Start at: 2019-12-11 06:40:42

End at: 2019-12-11 06:41:12

Local clock offset: -1.03 ms

Remote clock offset: 4.777 ms

Below is generated by plot.py at 2019-12-11 09:31:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.67 Mbit/s

95th percentile per-packet one-way delay: 52.373 ms

Loss rate: 0.38%

-- Flow 1:

Average throughput: 44.60 Mbit/s

95th percentile per-packet one-way delay: 49.782 ms

Loss rate: 0.34%

-- Flow 2:

Average throughput: 40.37 Mbit/s

95th percentile per-packet one-way delay: 55.472 ms

Loss rate: 0.26%

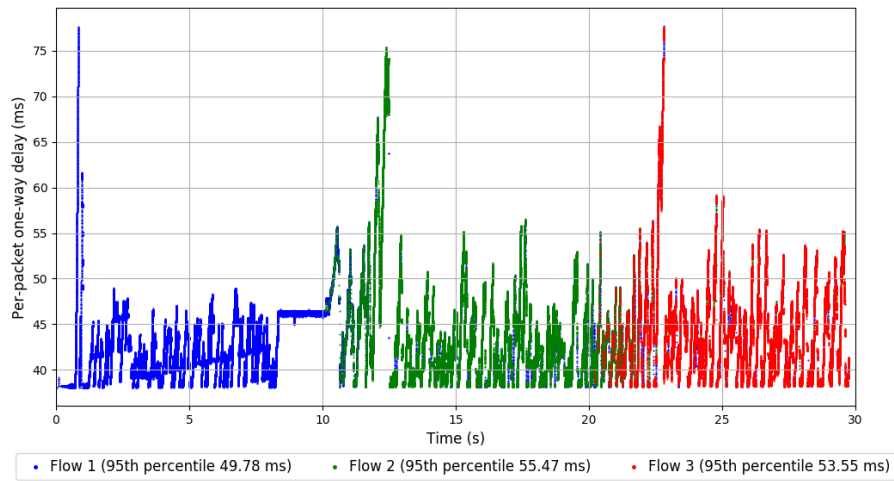
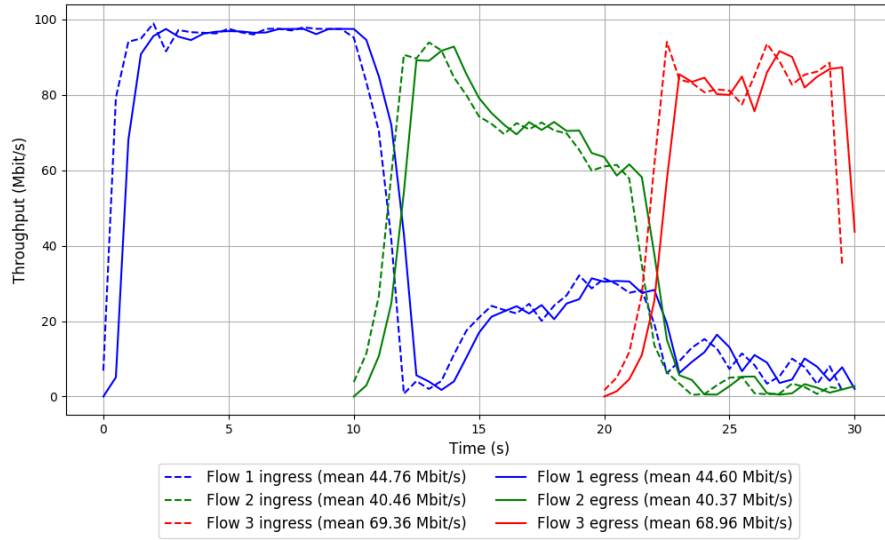
-- Flow 3:

Average throughput: 68.96 Mbit/s

95th percentile per-packet one-way delay: 53.547 ms

Loss rate: 0.60%

Run 1: Report of Muses_DecisionTree — Data Link



Run 2: Statistics of Muses_DecisionTree

Start at: 2019-12-11 07:12:19

End at: 2019-12-11 07:12:49

Local clock offset: 1.93 ms

Remote clock offset: 4.962 ms

Below is generated by plot.py at 2019-12-11 09:31:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.49 Mbit/s

95th percentile per-packet one-way delay: 49.007 ms

Loss rate: 0.31%

-- Flow 1:

Average throughput: 41.29 Mbit/s

95th percentile per-packet one-way delay: 46.321 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 30.95 Mbit/s

95th percentile per-packet one-way delay: 50.812 ms

Loss rate: 0.49%

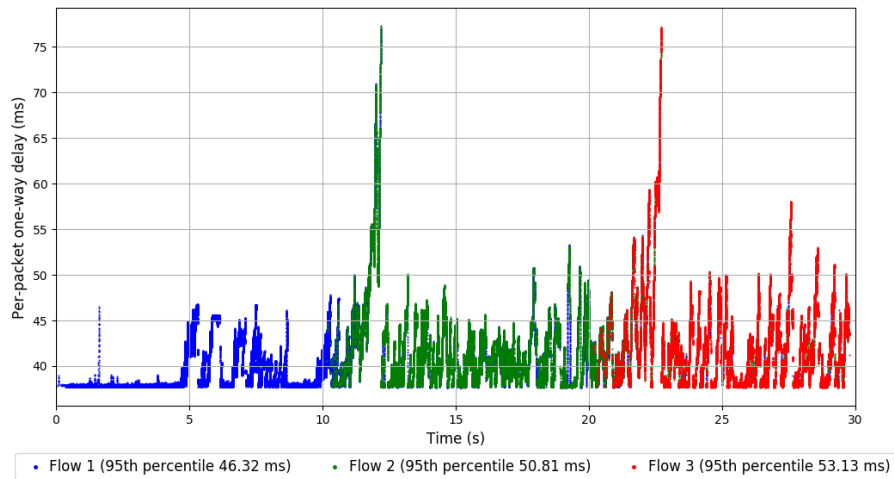
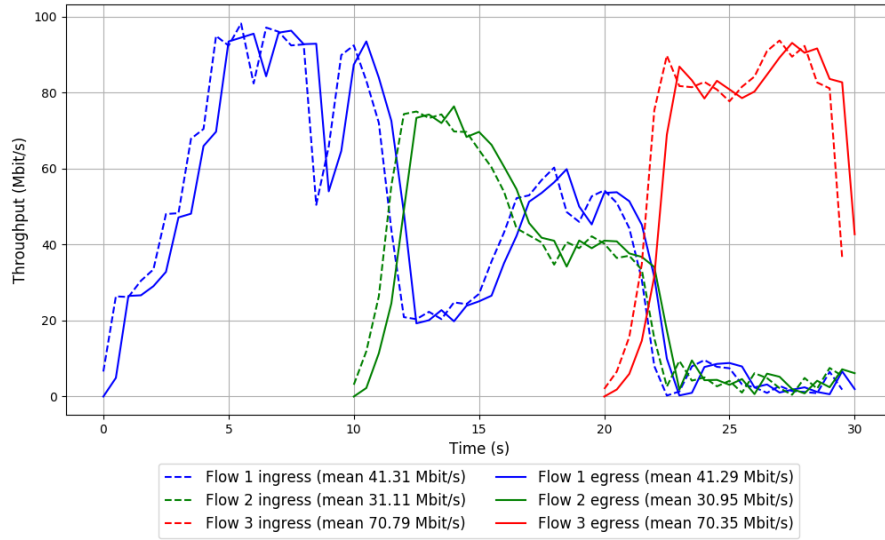
-- Flow 3:

Average throughput: 70.35 Mbit/s

95th percentile per-packet one-way delay: 53.134 ms

Loss rate: 0.63%

Run 2: Report of Muses_DecisionTree — Data Link

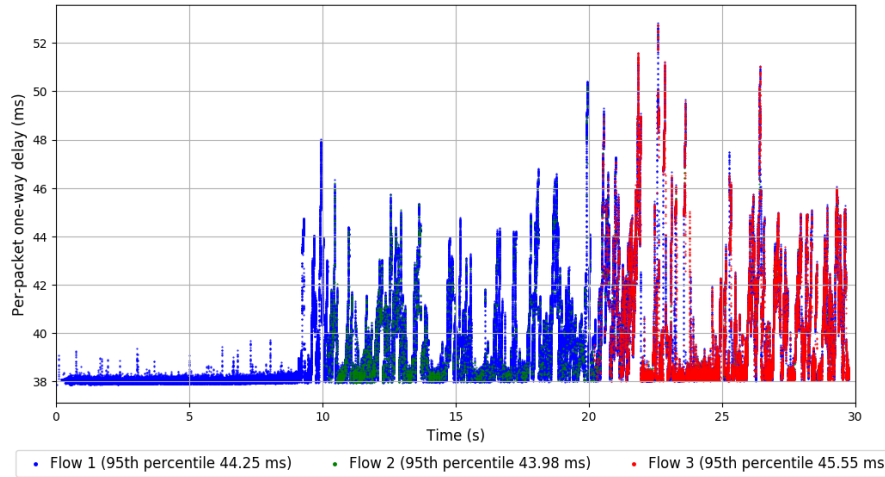
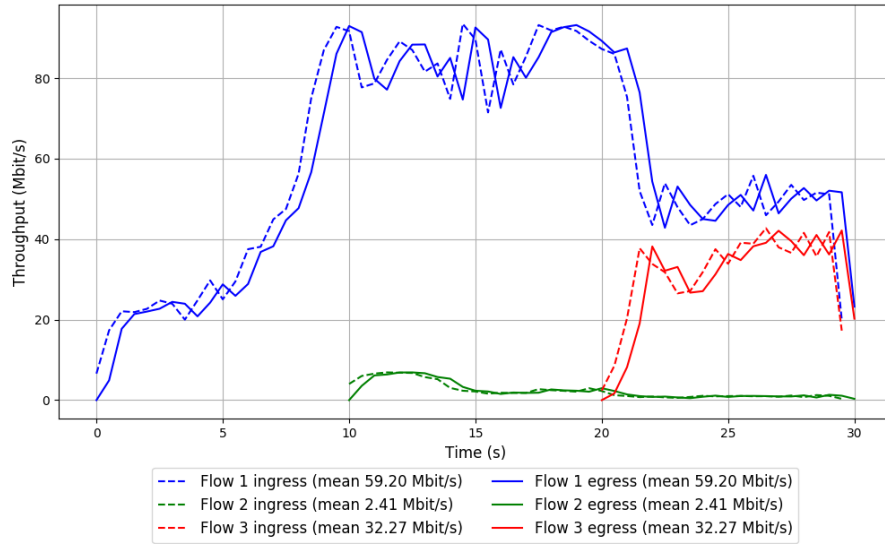


Run 3: Statistics of Muses_DecisionTree

Start at: 2019-12-11 07:50:33
End at: 2019-12-11 07:51:03
Local clock offset: 1.153 ms
Remote clock offset: -9.768 ms

```
# Below is generated by plot.py at 2019-12-11 09:31:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.27 Mbit/s
95th percentile per-packet one-way delay: 44.440 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.20 Mbit/s
95th percentile per-packet one-way delay: 44.251 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 43.981 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 45.555 ms
Loss rate: 0.00%
```

Run 3: Report of Muses_DecisionTree — Data Link



Run 4: Statistics of Muses_DecisionTree

Start at: 2019-12-11 08:28:48
End at: 2019-12-11 08:29:18
Local clock offset: 1.067 ms
Remote clock offset: -20.349 ms

Below is generated by plot.py at 2019-12-11 09:31:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.22 Mbit/s
95th percentile per-packet one-way delay: 47.113 ms
Loss rate: 0.25%

-- Flow 1:

Average throughput: 46.13 Mbit/s
95th percentile per-packet one-way delay: 43.115 ms
Loss rate: 0.19%

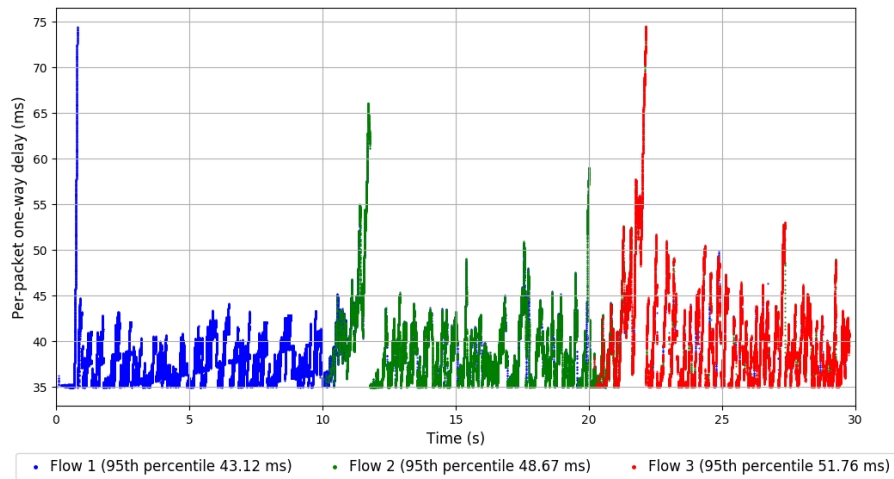
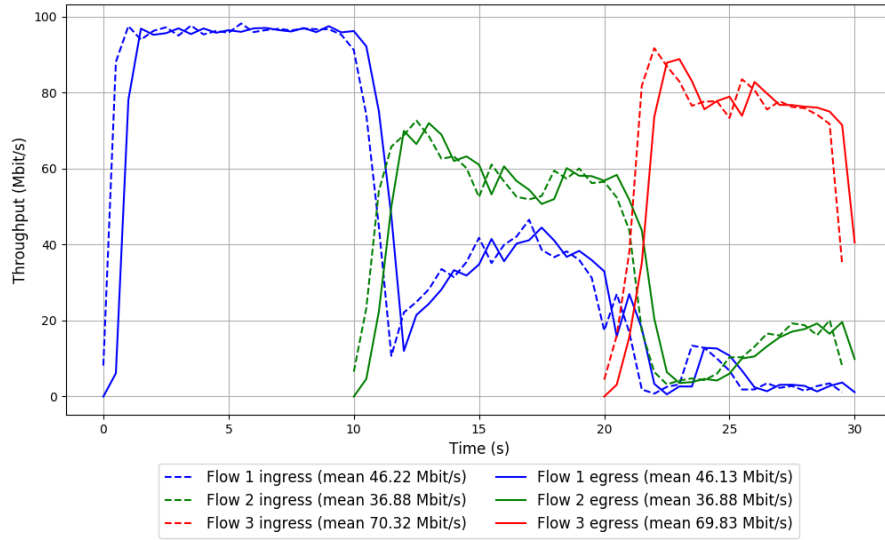
-- Flow 2:

Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: 48.672 ms
Loss rate: 0.00%

-- Flow 3:

Average throughput: 69.83 Mbit/s
95th percentile per-packet one-way delay: 51.757 ms
Loss rate: 0.63%

Run 4: Report of Muses_DecisionTree — Data Link

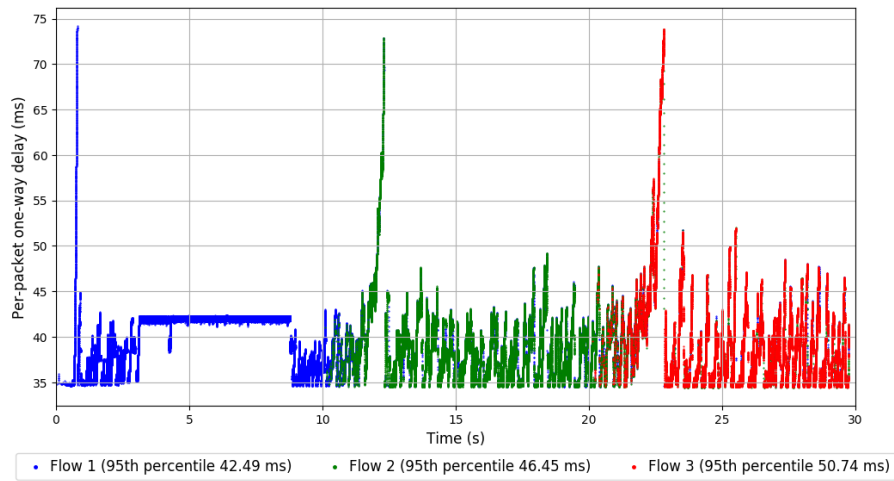
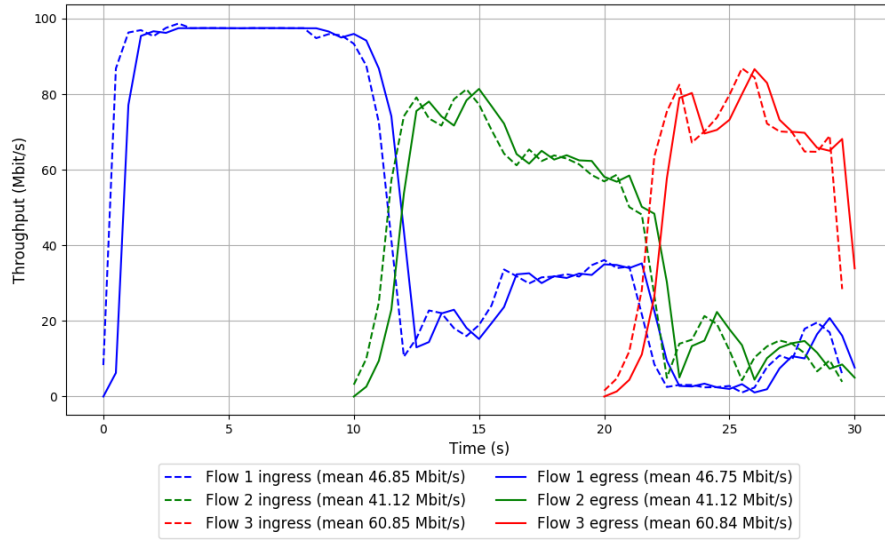


Run 5: Statistics of Muses_DecisionTree

Start at: 2019-12-11 08:58:34
End at: 2019-12-11 08:59:04
Local clock offset: -2.478 ms
Remote clock offset: -5.108 ms

Below is generated by plot.py at 2019-12-11 09:31:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 45.623 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 46.75 Mbit/s
95th percentile per-packet one-way delay: 42.493 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 41.12 Mbit/s
95th percentile per-packet one-way delay: 46.453 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 60.84 Mbit/s
95th percentile per-packet one-way delay: 50.737 ms
Loss rate: 0.00%

Run 5: Report of Muses_DecisionTree — Data Link



Run 1: Statistics of Muses_DecisionTreeH0

Start at: 2019-12-11 06:38:03

End at: 2019-12-11 06:38:33

Local clock offset: -1.769 ms

Remote clock offset: 2.777 ms

Below is generated by plot.py at 2019-12-11 09:31:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.05 Mbit/s

95th percentile per-packet one-way delay: 68.635 ms

Loss rate: 10.80%

-- Flow 1:

Average throughput: 56.35 Mbit/s

95th percentile per-packet one-way delay: 67.682 ms

Loss rate: 10.04%

-- Flow 2:

Average throughput: 38.72 Mbit/s

95th percentile per-packet one-way delay: 70.422 ms

Loss rate: 12.41%

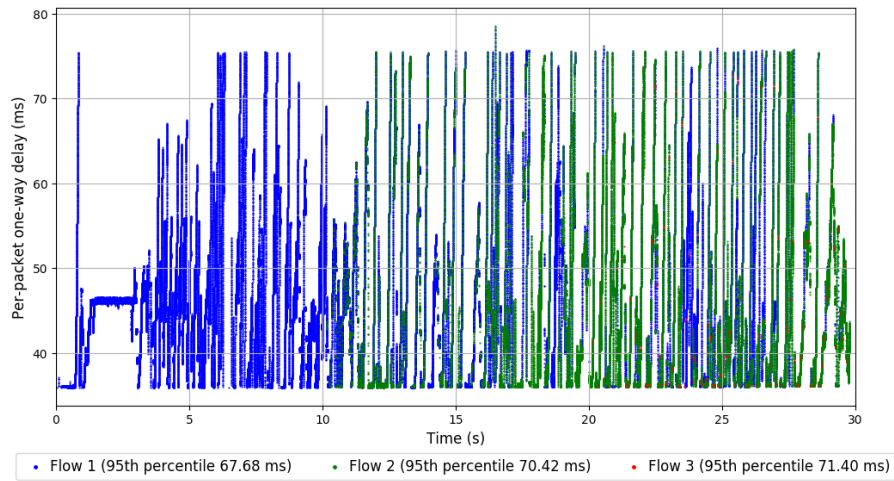
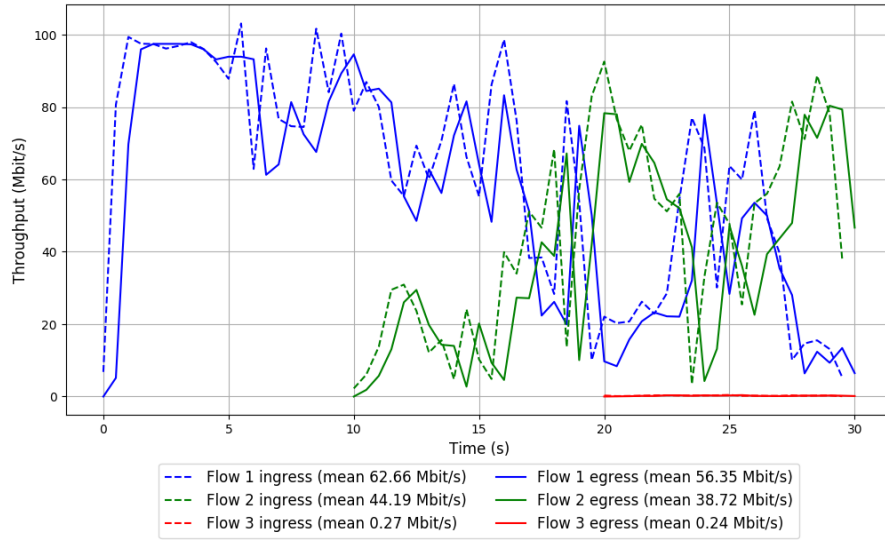
-- Flow 3:

Average throughput: 0.24 Mbit/s

95th percentile per-packet one-way delay: 71.399 ms

Loss rate: 10.60%

Run 1: Report of Muses_DecisionTreeH0 — Data Link



Run 2: Statistics of Muses_DecisionTreeH0

Start at: 2019-12-11 07:09:28

End at: 2019-12-11 07:09:58

Local clock offset: 2.284 ms

Remote clock offset: 4.997 ms

Below is generated by plot.py at 2019-12-11 09:31:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.93 Mbit/s

95th percentile per-packet one-way delay: 69.858 ms

Loss rate: 12.14%

-- Flow 1:

Average throughput: 56.26 Mbit/s

95th percentile per-packet one-way delay: 69.353 ms

Loss rate: 10.97%

-- Flow 2:

Average throughput: 22.61 Mbit/s

95th percentile per-packet one-way delay: 71.430 ms

Loss rate: 16.23%

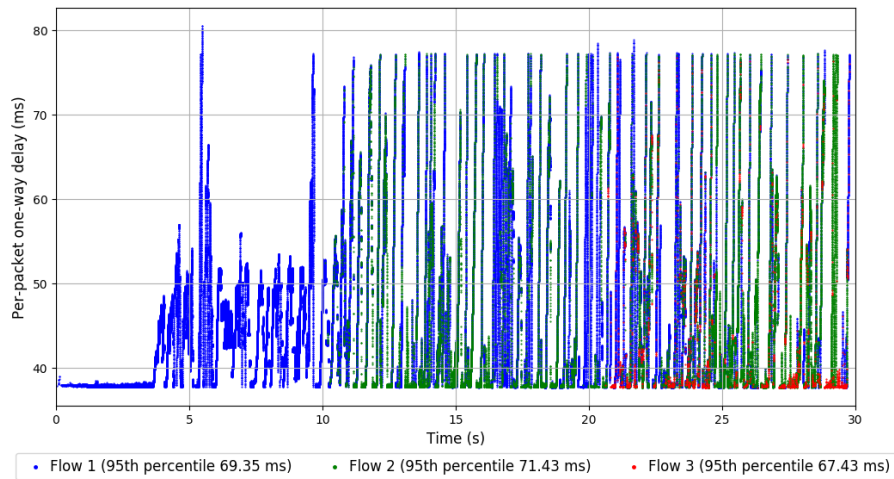
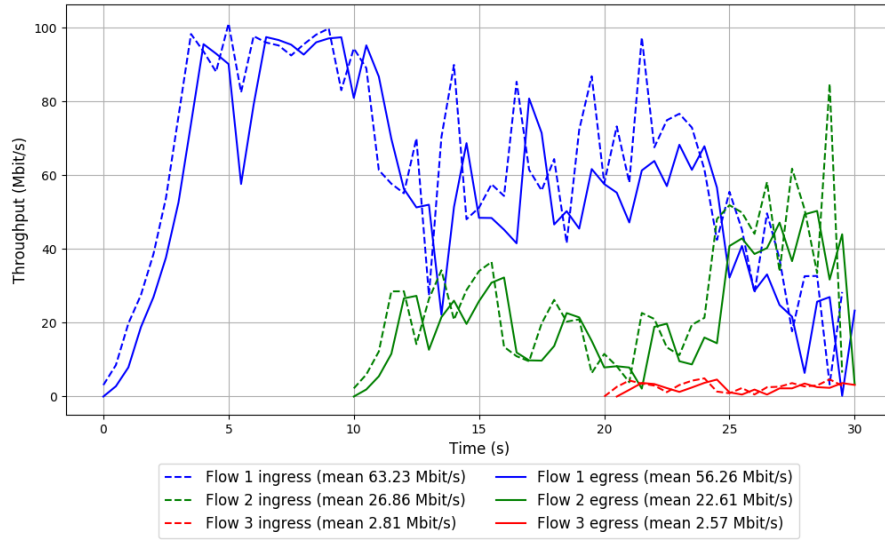
-- Flow 3:

Average throughput: 2.57 Mbit/s

95th percentile per-packet one-way delay: 67.427 ms

Loss rate: 13.43%

Run 2: Report of Muses_DecisionTreeH0 — Data Link

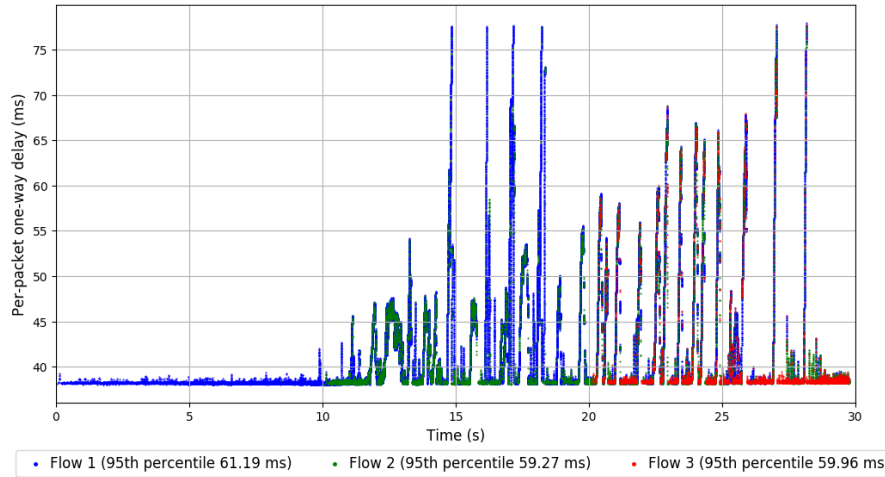
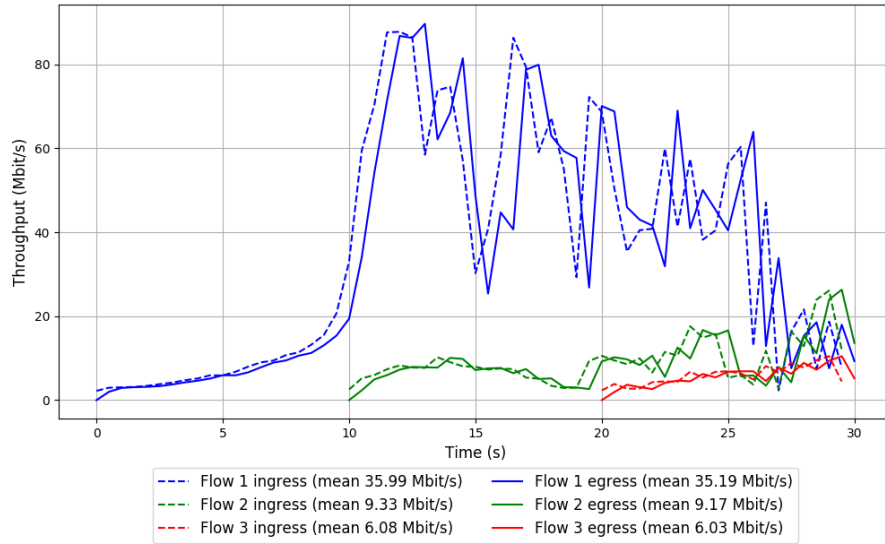


Run 3: Statistics of Muses_DecisionTreeH0

Start at: 2019-12-11 07:46:36
End at: 2019-12-11 07:47:06
Local clock offset: 1.185 ms
Remote clock offset: -8.112 ms

```
# Below is generated by plot.py at 2019-12-11 09:31:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.23 Mbit/s
95th percentile per-packet one-way delay: 60.933 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 61.188 ms
Loss rate: 2.22%
-- Flow 2:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 59.266 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 6.03 Mbit/s
95th percentile per-packet one-way delay: 59.960 ms
Loss rate: 0.85%
```

Run 3: Report of Muses_DecisionTreeH0 — Data Link



Run 4: Statistics of Muses_DecisionTreeH0

Start at: 2019-12-11 08:26:20
End at: 2019-12-11 08:26:50
Local clock offset: 1.033 ms
Remote clock offset: -19.808 ms

Below is generated by plot.py at 2019-12-11 09:32:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.81 Mbit/s
95th percentile per-packet one-way delay: 59.405 ms
Loss rate: 4.36%

-- Flow 1:

Average throughput: 81.84 Mbit/s
95th percentile per-packet one-way delay: 57.427 ms
Loss rate: 3.58%

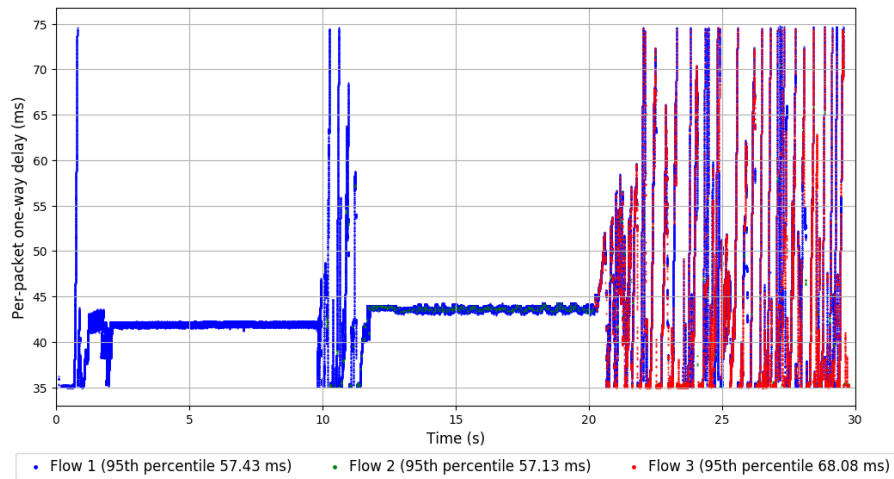
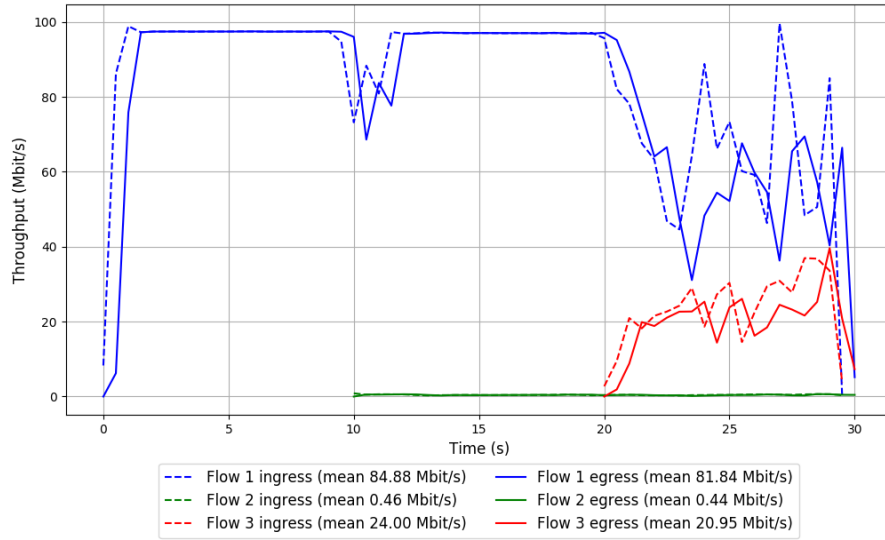
-- Flow 2:

Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 57.127 ms
Loss rate: 6.13%

-- Flow 3:

Average throughput: 20.95 Mbit/s
95th percentile per-packet one-way delay: 68.075 ms
Loss rate: 12.79%

Run 4: Report of Muses_DecisionTreeH0 — Data Link



Run 5: Statistics of Muses_DecisionTreeH0

Start at: 2019-12-11 08:55:54
End at: 2019-12-11 08:56:24
Local clock offset: -2.252 ms
Remote clock offset: -5.912 ms

Below is generated by plot.py at 2019-12-11 09:32:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.35 Mbit/s
95th percentile per-packet one-way delay: 64.533 ms
Loss rate: 6.46%

-- Flow 1:

Average throughput: 62.09 Mbit/s
95th percentile per-packet one-way delay: 62.731 ms
Loss rate: 3.76%

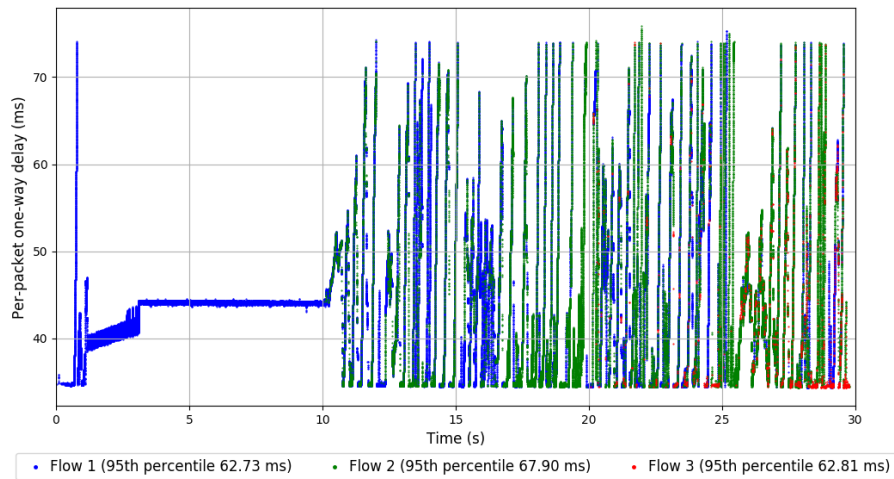
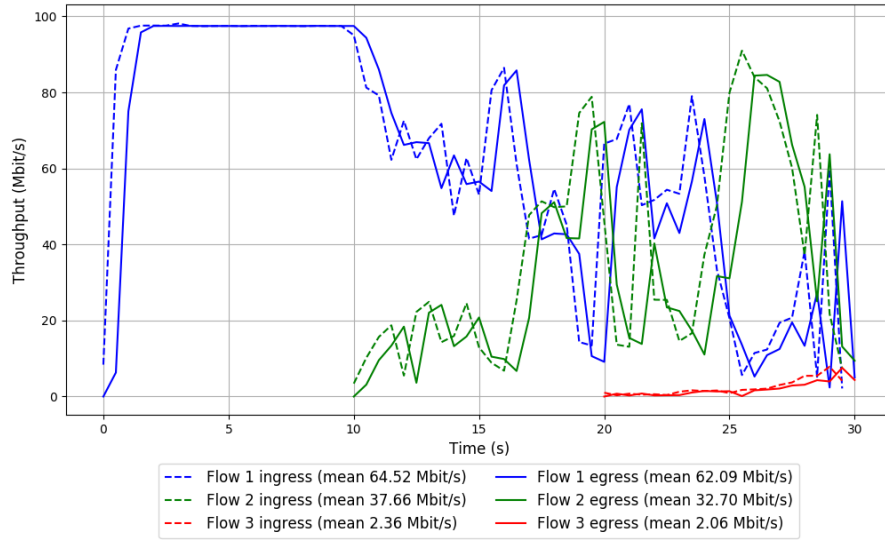
-- Flow 2:

Average throughput: 32.70 Mbit/s
95th percentile per-packet one-way delay: 67.898 ms
Loss rate: 13.21%

-- Flow 3:

Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 62.810 ms
Loss rate: 12.70%

Run 5: Report of Muses_DecisionTreeH0 — Data Link



Run 1: Statistics of Muses_DecisionTreeR0

Start at: 2019-12-11 06:45:38

End at: 2019-12-11 06:46:08

Local clock offset: 0.282 ms

Remote clock offset: 4.825 ms

Below is generated by plot.py at 2019-12-11 09:32:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.75 Mbit/s

95th percentile per-packet one-way delay: 48.117 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 64.28 Mbit/s

95th percentile per-packet one-way delay: 47.352 ms

Loss rate: 0.18%

-- Flow 2:

Average throughput: 19.76 Mbit/s

95th percentile per-packet one-way delay: 47.234 ms

Loss rate: 0.00%

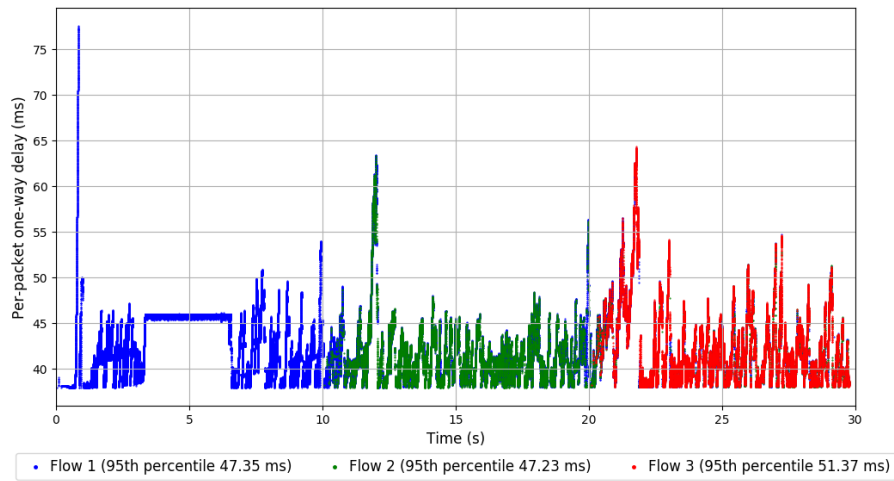
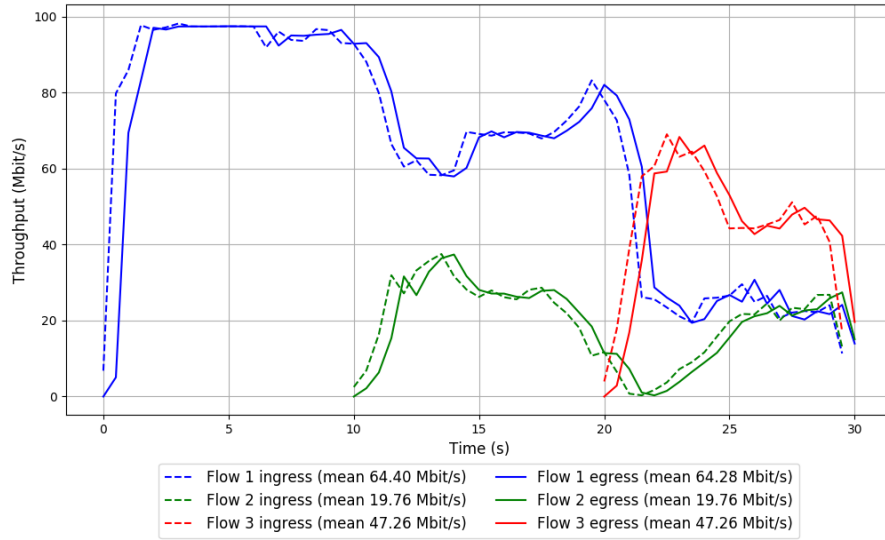
-- Flow 3:

Average throughput: 47.26 Mbit/s

95th percentile per-packet one-way delay: 51.370 ms

Loss rate: 0.00%

Run 1: Report of Muses_DecisionTreeR0 — Data Link



Run 2: Statistics of Muses_DecisionTreeR0

Start at: 2019-12-11 07:19:00

End at: 2019-12-11 07:19:30

Local clock offset: 1.488 ms

Remote clock offset: 5.071 ms

Below is generated by plot.py at 2019-12-11 09:32:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.18 Mbit/s

95th percentile per-packet one-way delay: 46.280 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 54.43 Mbit/s

95th percentile per-packet one-way delay: 46.228 ms

Loss rate: 0.23%

-- Flow 2:

Average throughput: 51.12 Mbit/s

95th percentile per-packet one-way delay: 46.337 ms

Loss rate: 0.00%

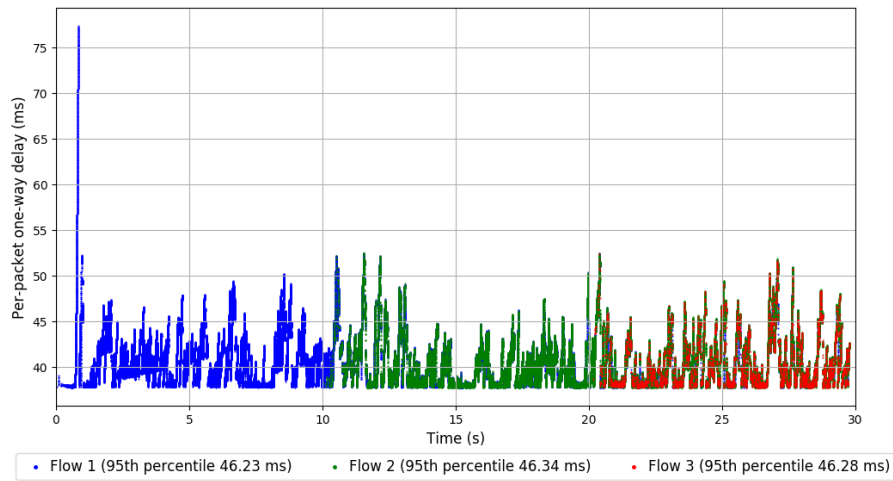
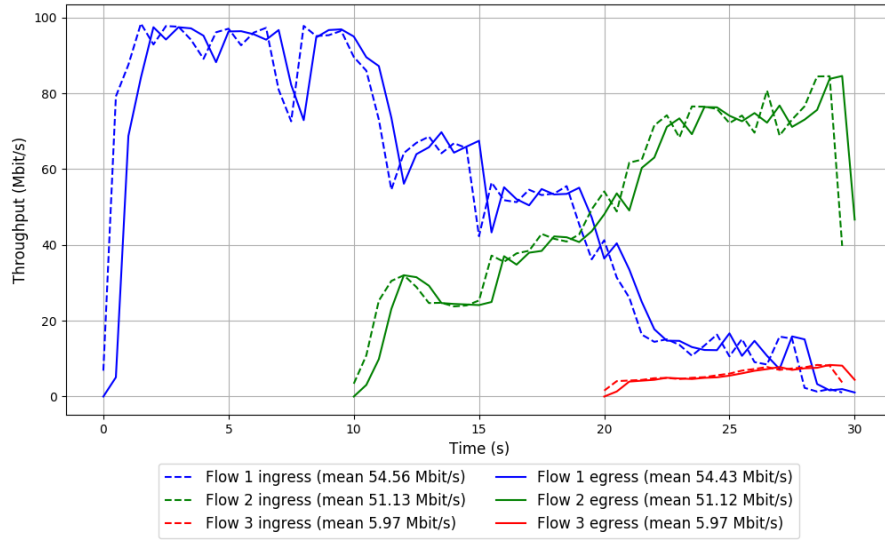
-- Flow 3:

Average throughput: 5.97 Mbit/s

95th percentile per-packet one-way delay: 46.280 ms

Loss rate: 0.00%

Run 2: Report of Muses_DecisionTreeR0 — Data Link

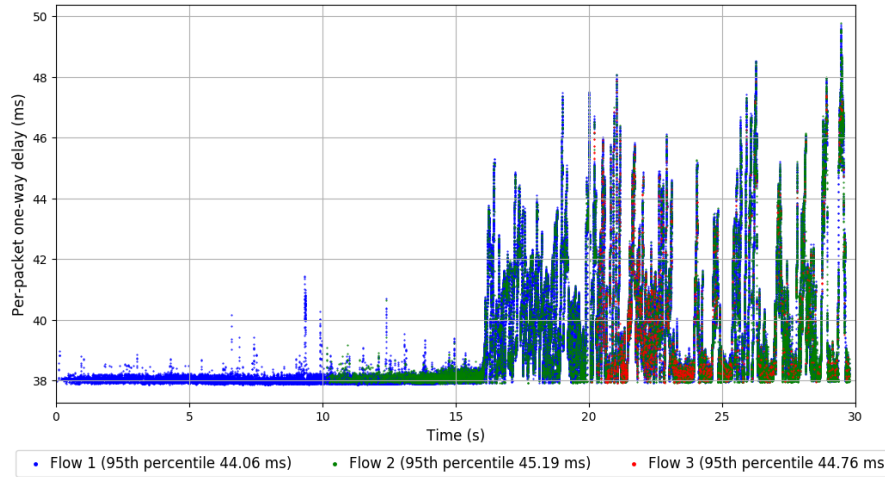
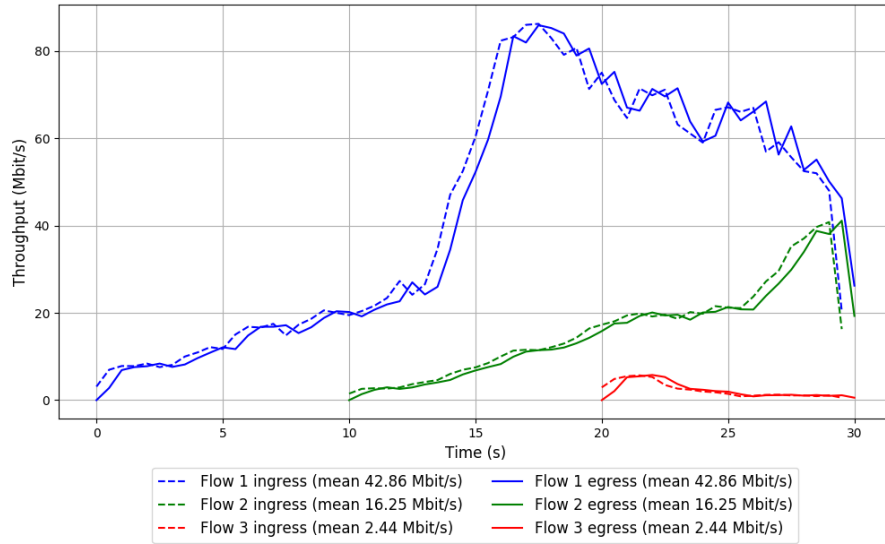


Run 3: Statistics of Muses_DecisionTreeR0

Start at: 2019-12-11 07:58:44
End at: 2019-12-11 07:59:14
Local clock offset: 1.162 ms
Remote clock offset: -12.171 ms

Below is generated by plot.py at 2019-12-11 09:32:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.40 Mbit/s
95th percentile per-packet one-way delay: 44.340 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.86 Mbit/s
95th percentile per-packet one-way delay: 44.060 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.25 Mbit/s
95th percentile per-packet one-way delay: 45.187 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 44.763 ms
Loss rate: 0.00%

Run 3: Report of Muses_DecisionTreeR0 — Data Link



Run 4: Statistics of Muses_DecisionTreeR0

Start at: 2019-12-11 08:33:42
End at: 2019-12-11 08:34:12
Local clock offset: 1.056 ms
Remote clock offset: -21.275 ms

Below is generated by plot.py at 2019-12-11 09:32:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.78 Mbit/s
95th percentile per-packet one-way delay: 46.557 ms
Loss rate: 0.25%

-- Flow 1:

Average throughput: 45.21 Mbit/s
95th percentile per-packet one-way delay: 45.411 ms
Loss rate: 0.22%

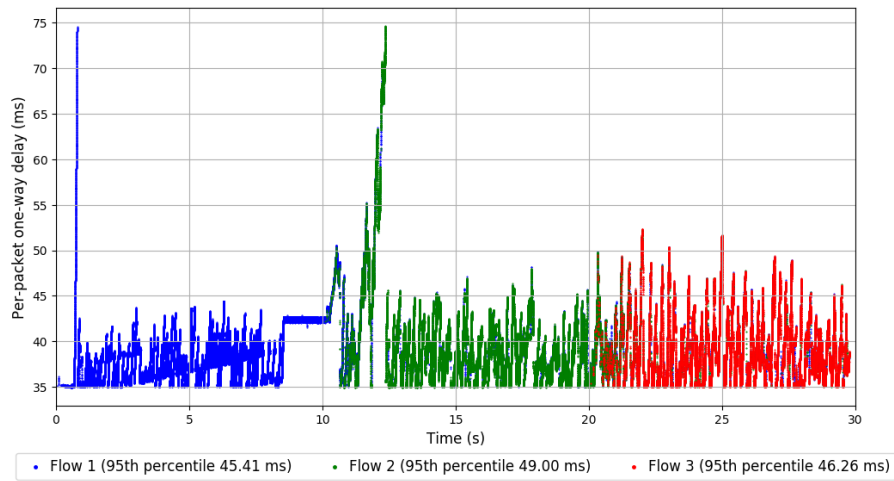
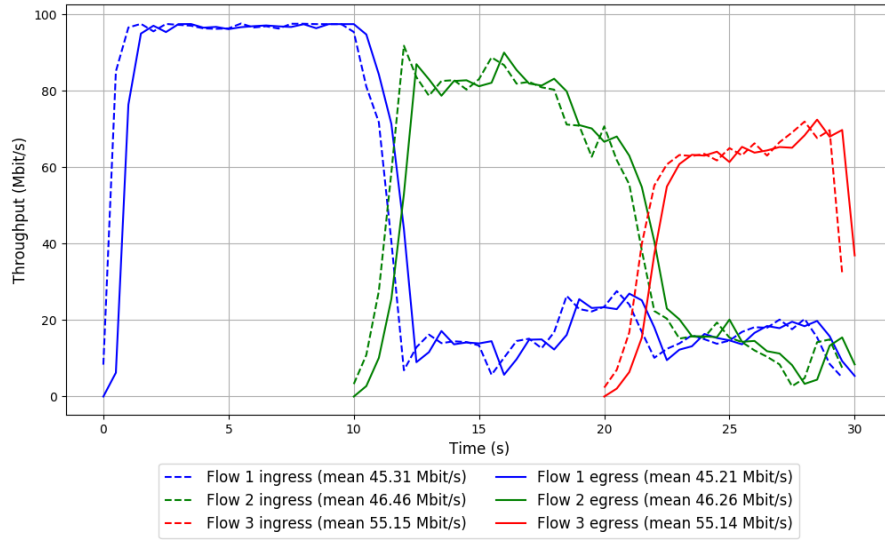
-- Flow 2:

Average throughput: 46.26 Mbit/s
95th percentile per-packet one-way delay: 48.999 ms
Loss rate: 0.45%

-- Flow 3:

Average throughput: 55.14 Mbit/s
95th percentile per-packet one-way delay: 46.261 ms
Loss rate: 0.00%

Run 4: Report of Muses_DecisionTreeR0 — Data Link



Run 5: Statistics of Muses_DecisionTreeR0

Start at: 2019-12-11 09:03:44
End at: 2019-12-11 09:04:14
Local clock offset: -2.798 ms
Remote clock offset: -3.727 ms

Below is generated by plot.py at 2019-12-11 09:32:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 47.374 ms
Loss rate: 0.25%

-- Flow 1:

Average throughput: 44.97 Mbit/s
95th percentile per-packet one-way delay: 45.163 ms
Loss rate: 0.20%

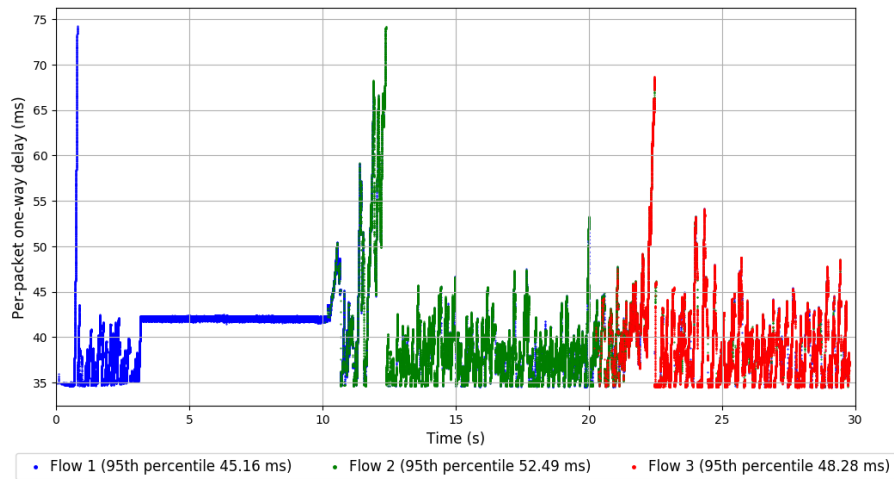
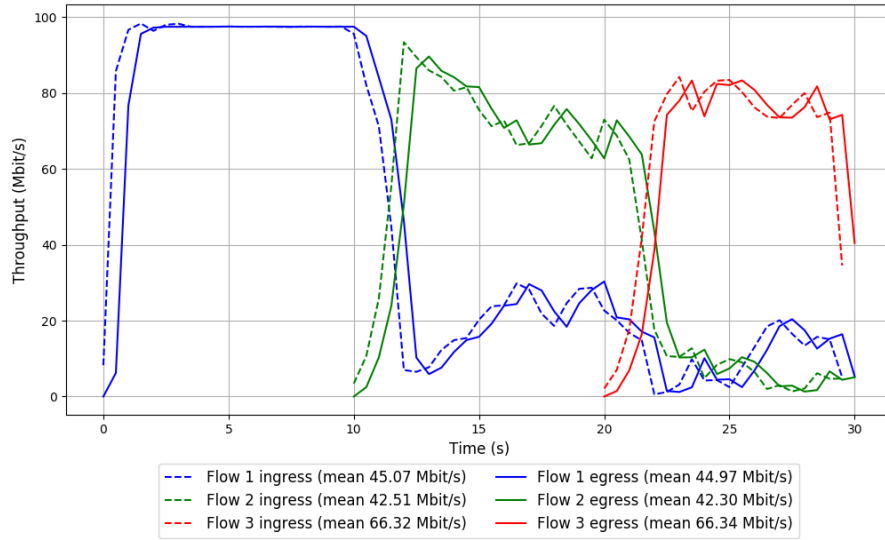
-- Flow 2:

Average throughput: 42.30 Mbit/s
95th percentile per-packet one-way delay: 52.489 ms
Loss rate: 0.51%

-- Flow 3:

Average throughput: 66.34 Mbit/s
95th percentile per-packet one-way delay: 48.281 ms
Loss rate: 0.00%

Run 5: Report of Muses_DecisionTreeR0 — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-12-11 06:33:36

End at: 2019-12-11 06:34:06

Local clock offset: -1.647 ms

Remote clock offset: 6.26 ms

Below is generated by plot.py at 2019-12-11 09:33:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.91 Mbit/s

95th percentile per-packet one-way delay: 68.652 ms

Loss rate: 1.08%

-- Flow 1:

Average throughput: 87.04 Mbit/s

95th percentile per-packet one-way delay: 68.577 ms

Loss rate: 1.10%

-- Flow 2:

Average throughput: 2.19 Mbit/s

95th percentile per-packet one-way delay: 68.237 ms

Loss rate: 0.24%

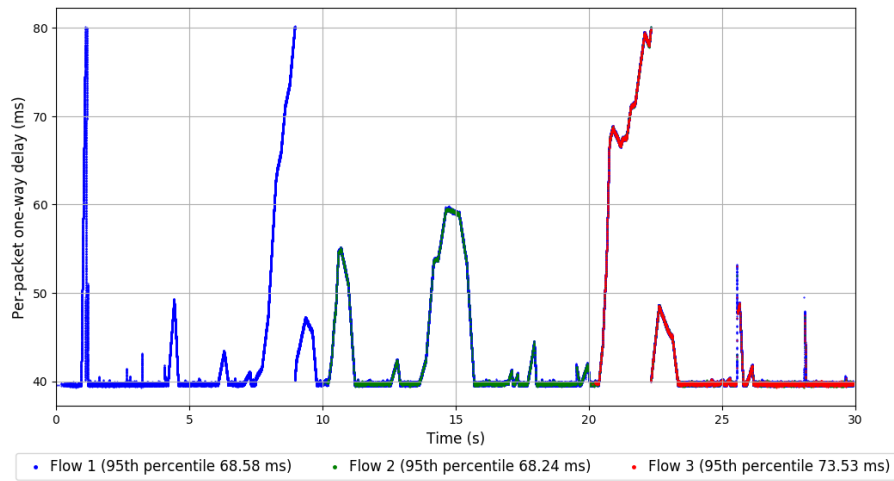
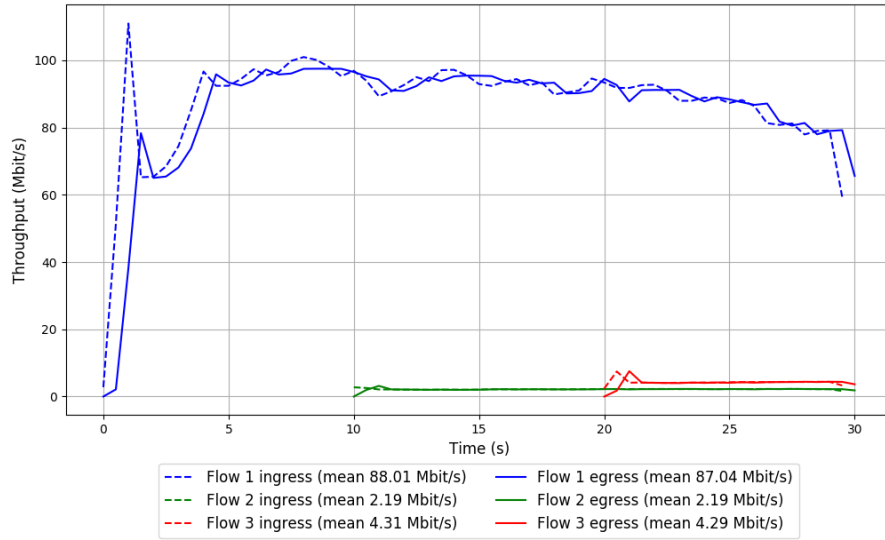
-- Flow 3:

Average throughput: 4.29 Mbit/s

95th percentile per-packet one-way delay: 73.534 ms

Loss rate: 0.51%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-12-11 07:05:39

End at: 2019-12-11 07:06:09

Local clock offset: 2.301 ms

Remote clock offset: 4.947 ms

Below is generated by plot.py at 2019-12-11 09:33:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 75.067 ms

Loss rate: 9.81%

-- Flow 1:

Average throughput: 78.33 Mbit/s

95th percentile per-packet one-way delay: 75.386 ms

Loss rate: 11.34%

-- Flow 2:

Average throughput: 18.47 Mbit/s

95th percentile per-packet one-way delay: 69.583 ms

Loss rate: 0.90%

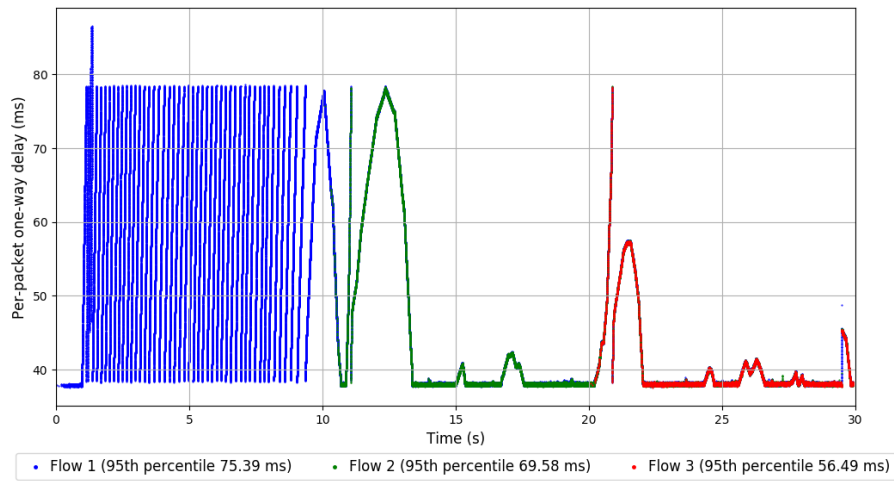
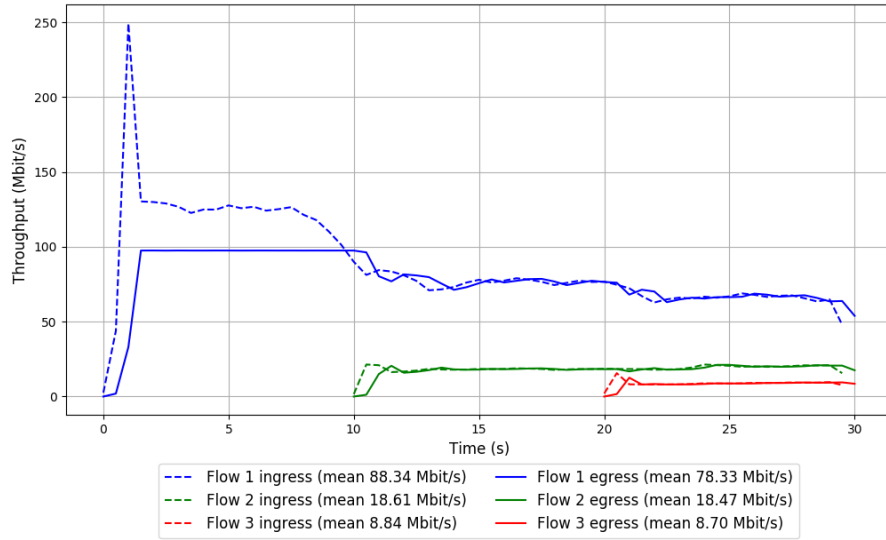
-- Flow 3:

Average throughput: 8.70 Mbit/s

95th percentile per-packet one-way delay: 56.486 ms

Loss rate: 1.50%

Run 2: Report of PCC-Allegro — Data Link

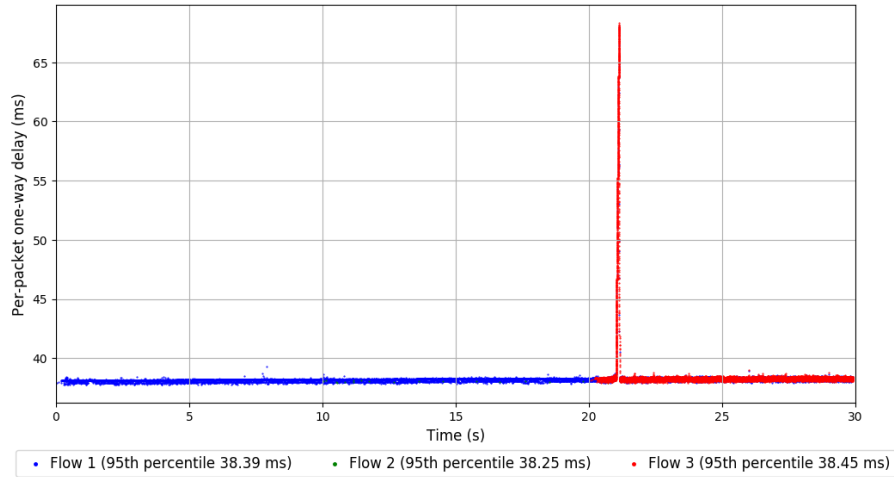
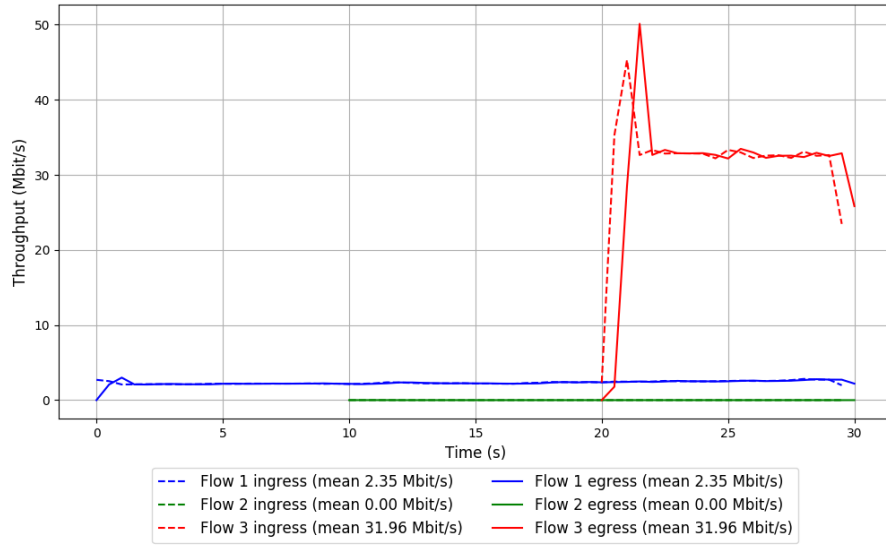


Run 3: Statistics of PCC-Allegro

Start at: 2019-12-11 07:42:23
End at: 2019-12-11 07:42:53
Local clock offset: 1.247 ms
Remote clock offset: -6.188 ms

```
# Below is generated by plot.py at 2019-12-11 09:33:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 38.429 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 38.386 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 38.249 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.96 Mbit/s
95th percentile per-packet one-way delay: 38.448 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-12-11 08:22:42
End at: 2019-12-11 08:23:12
Local clock offset: 1.036 ms
Remote clock offset: -19.01 ms

Below is generated by plot.py at 2019-12-11 09:33:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.15 Mbit/s
95th percentile per-packet one-way delay: 73.198 ms
Loss rate: 8.33%

-- Flow 1:

Average throughput: 80.86 Mbit/s
95th percentile per-packet one-way delay: 72.975 ms
Loss rate: 7.99%

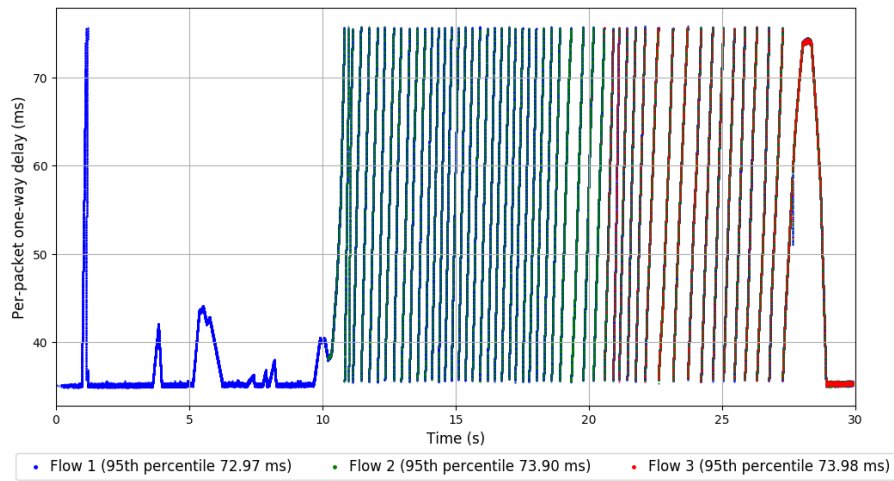
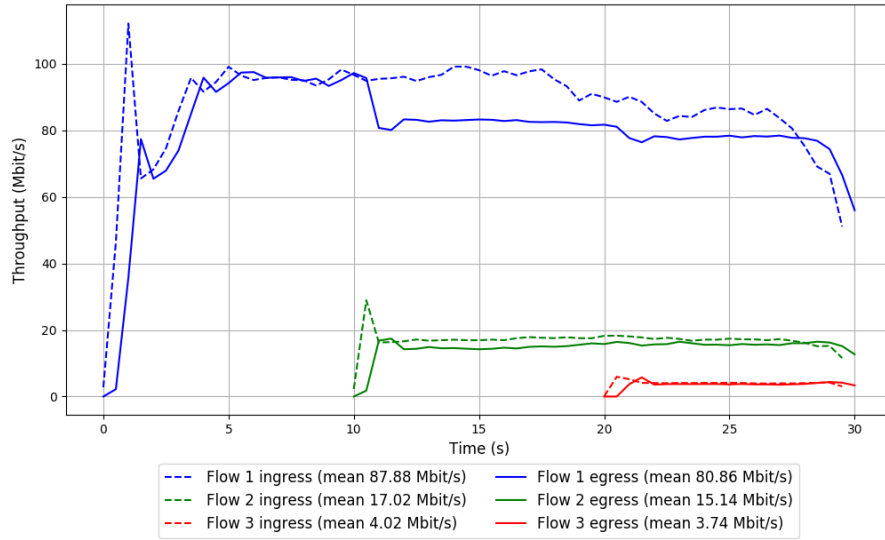
-- Flow 2:

Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 73.901 ms
Loss rate: 11.08%

-- Flow 3:

Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 73.982 ms
Loss rate: 7.24%

Run 4: Report of PCC-Allegro — Data Link

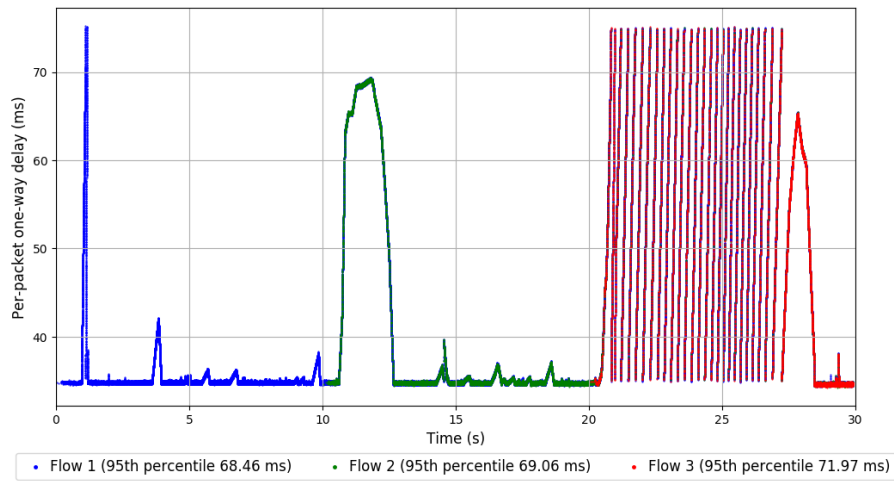
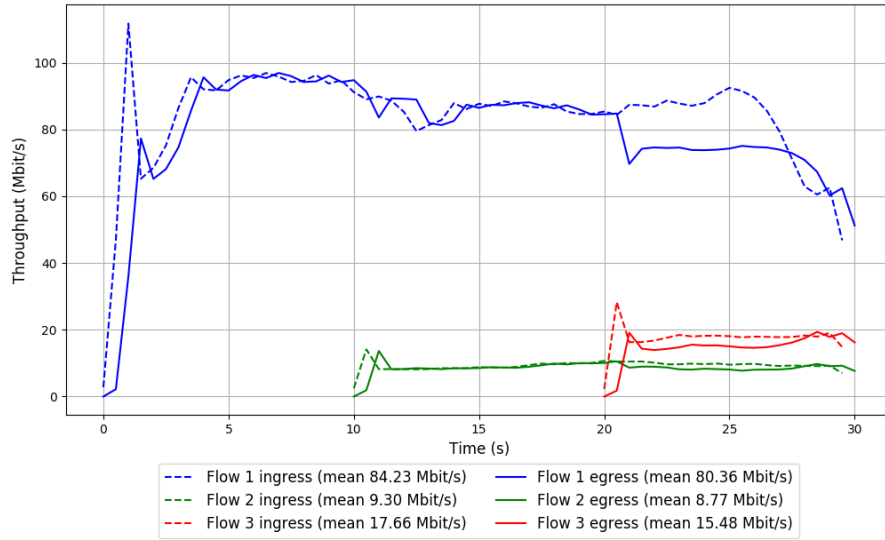


Run 5: Statistics of PCC-Allegro

Start at: 2019-12-11 08:52:10
End at: 2019-12-11 08:52:40
Local clock offset: -1.865 ms
Remote clock offset: -7.494 ms

```
# Below is generated by plot.py at 2019-12-11 09:33:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 68.636 ms
Loss rate: 5.14%
-- Flow 1:
Average throughput: 80.36 Mbit/s
95th percentile per-packet one-way delay: 68.464 ms
Loss rate: 4.60%
-- Flow 2:
Average throughput: 8.77 Mbit/s
95th percentile per-packet one-way delay: 69.055 ms
Loss rate: 5.77%
-- Flow 3:
Average throughput: 15.48 Mbit/s
95th percentile per-packet one-way delay: 71.971 ms
Loss rate: 12.35%
```

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2019-12-11 06:58:01

End at: 2019-12-11 06:58:31

Local clock offset: 1.821 ms

Remote clock offset: 4.997 ms

Below is generated by plot.py at 2019-12-11 09:33:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.00 Mbit/s

95th percentile per-packet one-way delay: 38.227 ms

Loss rate: 11.33%

-- Flow 1:

Average throughput: 8.14 Mbit/s

95th percentile per-packet one-way delay: 38.205 ms

Loss rate: 10.83%

-- Flow 2:

Average throughput: 5.57 Mbit/s

95th percentile per-packet one-way delay: 38.243 ms

Loss rate: 12.27%

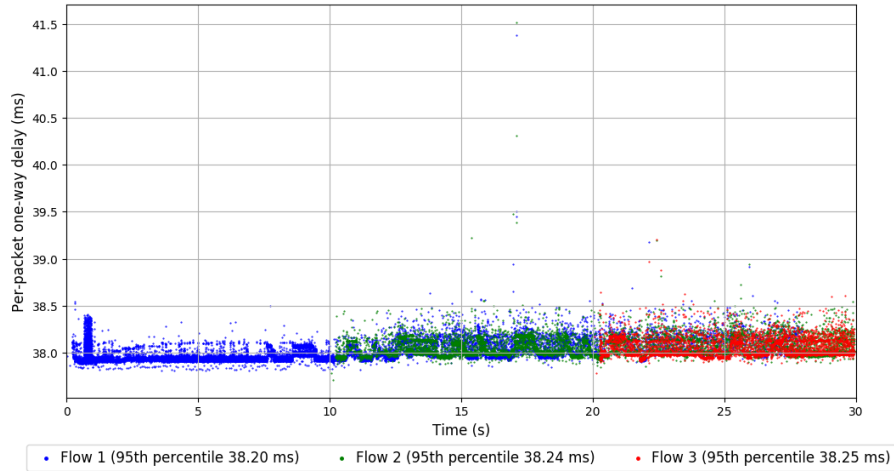
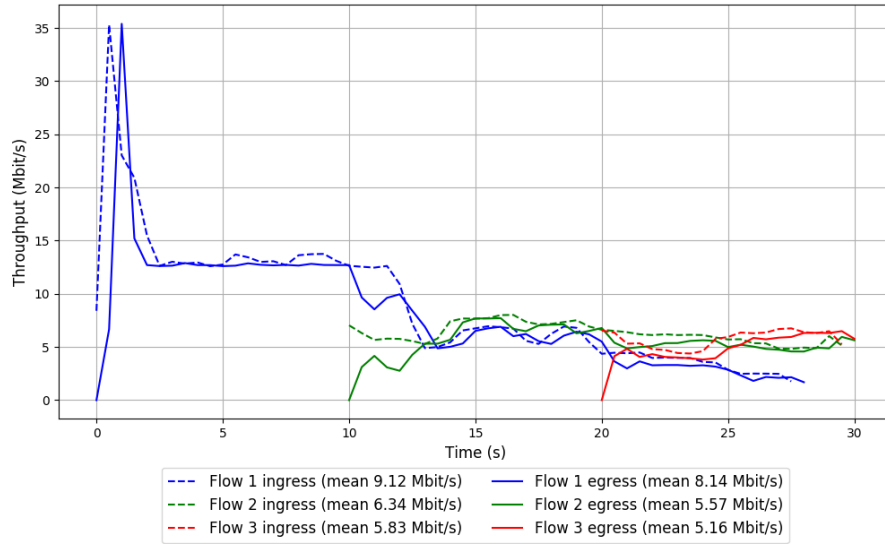
-- Flow 3:

Average throughput: 5.16 Mbit/s

95th percentile per-packet one-way delay: 38.254 ms

Loss rate: 11.53%

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2019-12-11 07:33:16

End at: 2019-12-11 07:33:46

Local clock offset: 1.319 ms

Remote clock offset: 1.484 ms

Below is generated by plot.py at 2019-12-11 09:33:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.54 Mbit/s

95th percentile per-packet one-way delay: 38.861 ms

Loss rate: 17.70%

-- Flow 1:

Average throughput: 0.03 Mbit/s

95th percentile per-packet one-way delay: 38.185 ms

Loss rate: 85.71%

-- Flow 2:

Average throughput: 8.53 Mbit/s

95th percentile per-packet one-way delay: 38.824 ms

Loss rate: 11.85%

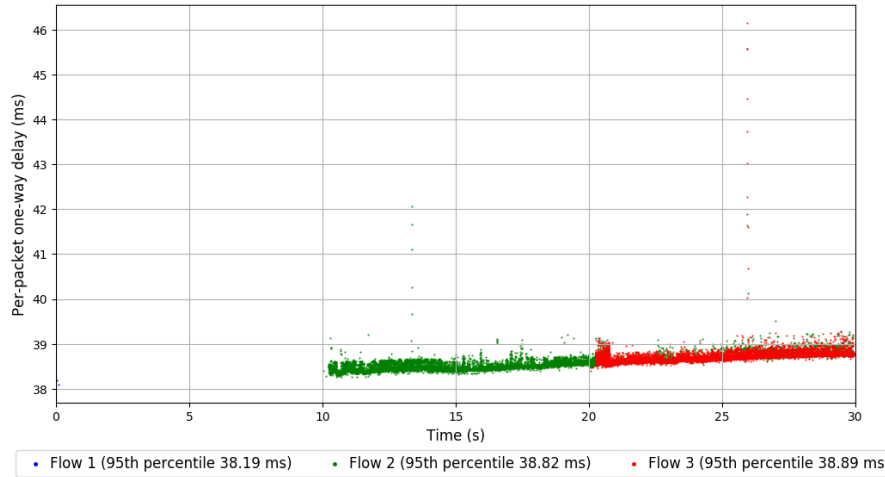
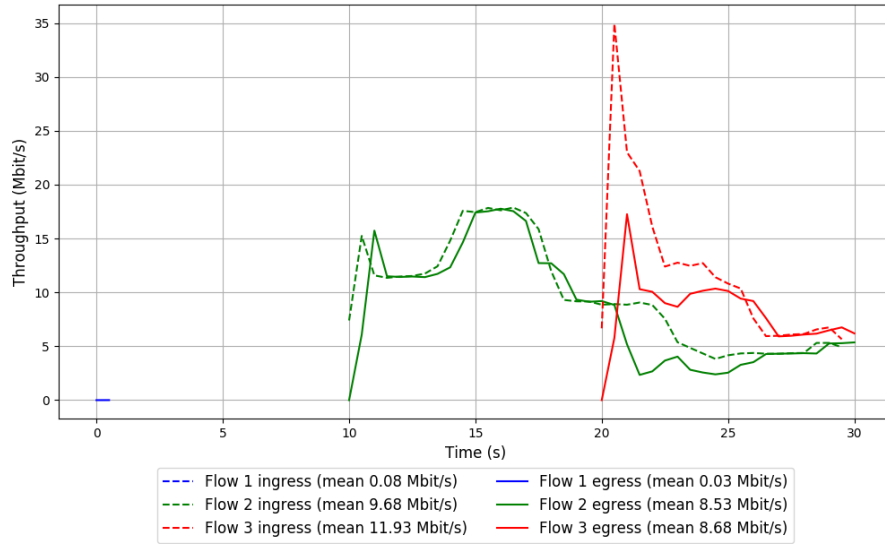
-- Flow 3:

Average throughput: 8.68 Mbit/s

95th percentile per-packet one-way delay: 38.888 ms

Loss rate: 27.26%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2019-12-11 08:15:26
End at: 2019-12-11 08:15:56
Local clock offset: 1.103 ms
Remote clock offset: -17.402 ms

Below is generated by plot.py at 2019-12-11 09:33:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 35.301 ms
Loss rate: 39.15%

-- Flow 1:

Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 35.089 ms
Loss rate: 85.71%

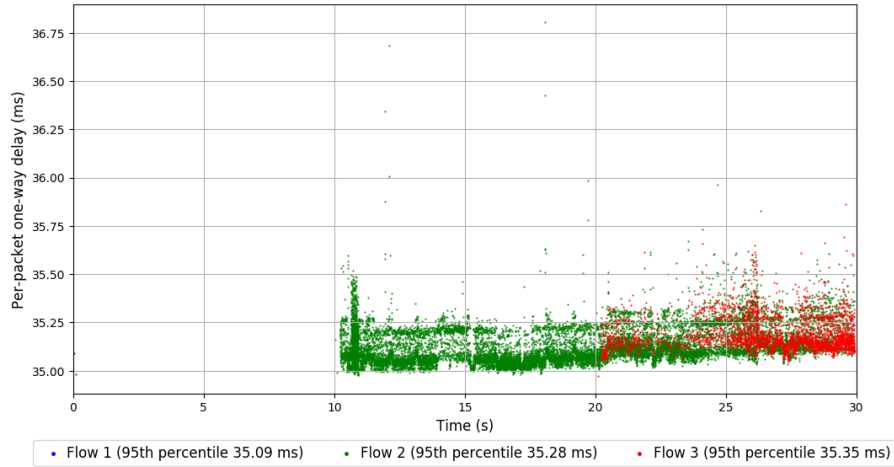
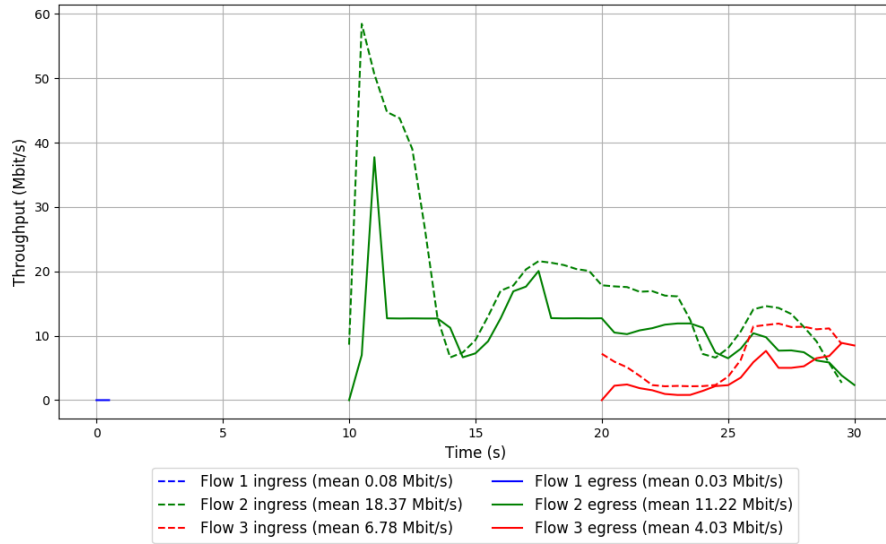
-- Flow 2:

Average throughput: 11.22 Mbit/s
95th percentile per-packet one-way delay: 35.282 ms
Loss rate: 38.90%

-- Flow 3:

Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 35.347 ms
Loss rate: 40.52%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2019-12-11 08:44:57
End at: 2019-12-11 08:45:27
Local clock offset: -0.737 ms
Remote clock offset: -12.758 ms

Below is generated by plot.py at 2019-12-11 09:33:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 34.796 ms
Loss rate: 52.00%

-- Flow 1:

Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 34.815 ms
Loss rate: 52.30%

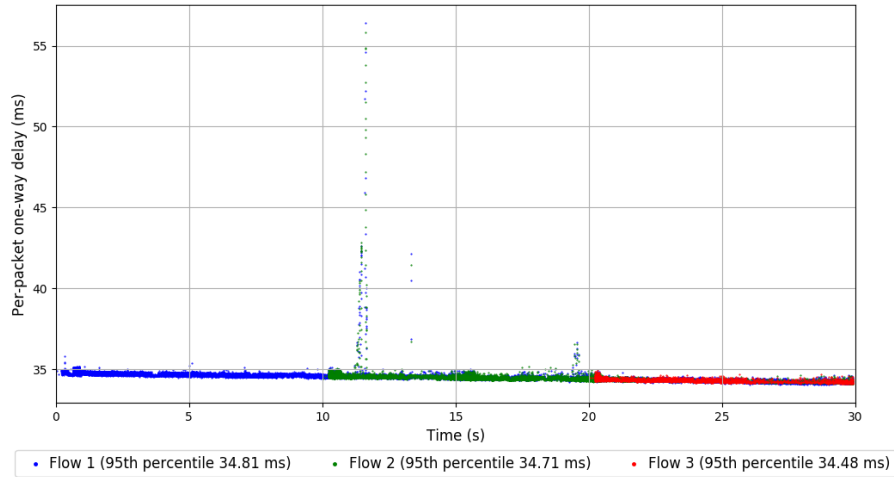
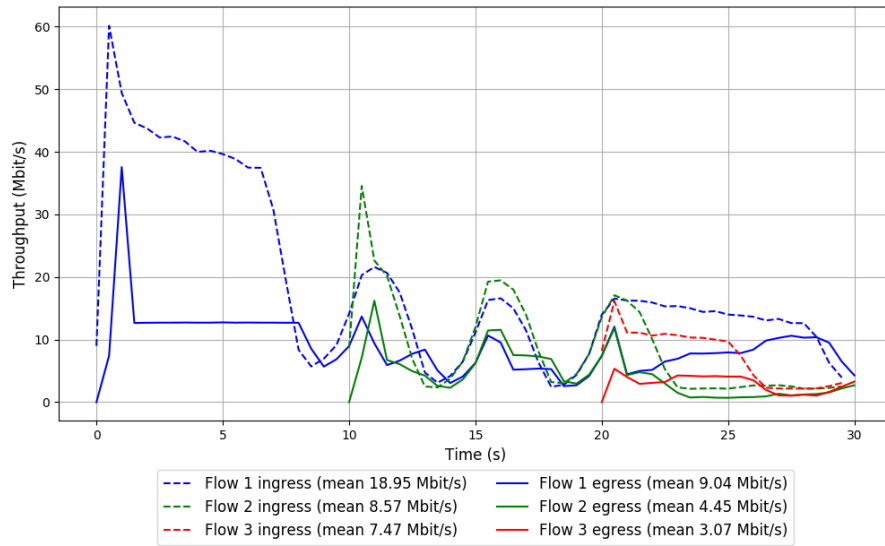
-- Flow 2:

Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 34.708 ms
Loss rate: 48.03%

-- Flow 3:

Average throughput: 3.07 Mbit/s
95th percentile per-packet one-way delay: 34.483 ms
Loss rate: 58.86%

Run 4: Report of PCC-Expr — Data Link

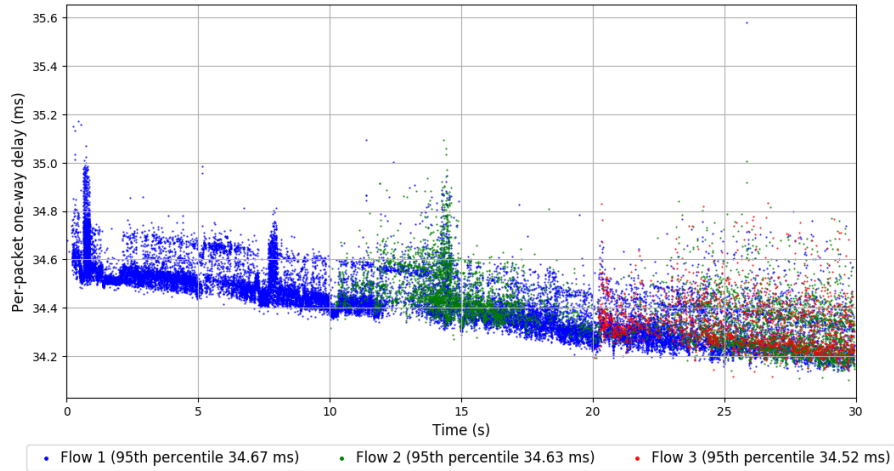
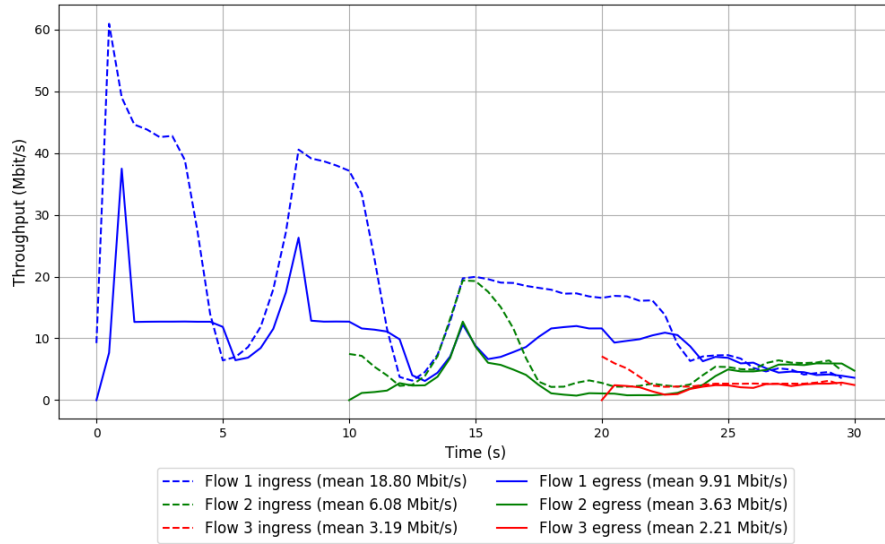


Run 5: Statistics of PCC-Expr

Start at: 2019-12-11 09:14:57
End at: 2019-12-11 09:15:27
Local clock offset: -2.61 ms
Remote clock offset: -0.001 ms

```
# Below is generated by plot.py at 2019-12-11 09:33:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.05 Mbit/s
95th percentile per-packet one-way delay: 34.657 ms
Loss rate: 45.39%
-- Flow 1:
Average throughput: 9.91 Mbit/s
95th percentile per-packet one-way delay: 34.666 ms
Loss rate: 47.30%
-- Flow 2:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 34.628 ms
Loss rate: 40.29%
-- Flow 3:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 34.524 ms
Loss rate: 30.87%
```

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-12-11 06:44:24

End at: 2019-12-11 06:44:54

Local clock offset: -0.028 ms

Remote clock offset: 4.736 ms

Below is generated by plot.py at 2019-12-11 09:34:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.81 Mbit/s

95th percentile per-packet one-way delay: 74.469 ms

Loss rate: 3.05%

-- Flow 1:

Average throughput: 54.64 Mbit/s

95th percentile per-packet one-way delay: 74.320 ms

Loss rate: 3.79%

-- Flow 2:

Average throughput: 27.23 Mbit/s

95th percentile per-packet one-way delay: 74.674 ms

Loss rate: 1.14%

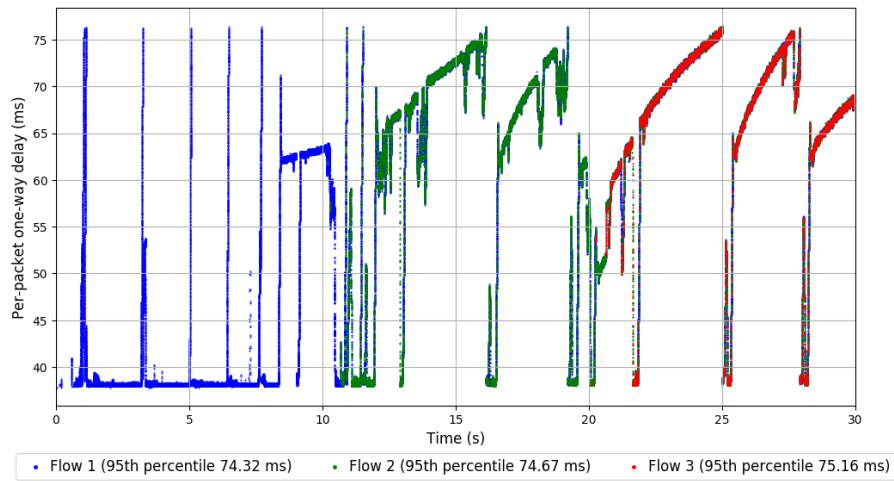
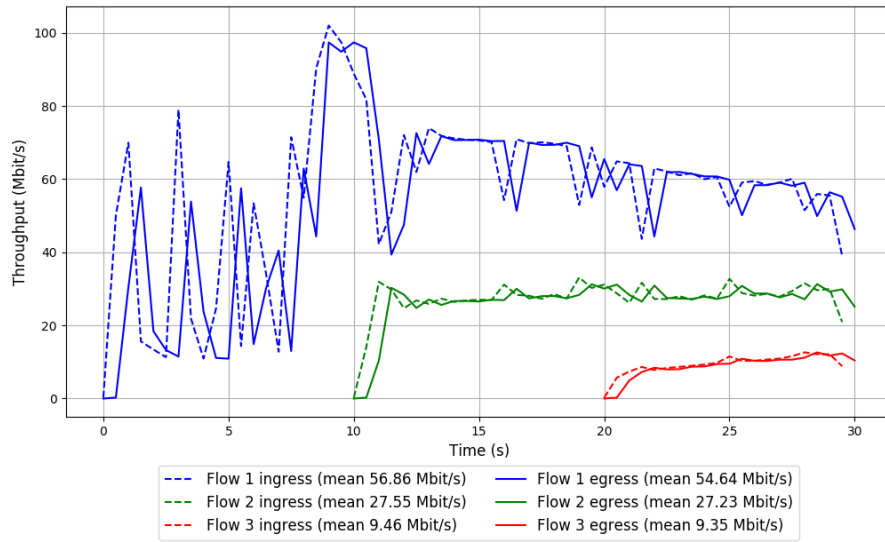
-- Flow 3:

Average throughput: 9.35 Mbit/s

95th percentile per-packet one-way delay: 75.155 ms

Loss rate: 0.84%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-12-11 07:17:28

End at: 2019-12-11 07:17:58

Local clock offset: 1.557 ms

Remote clock offset: 5.124 ms

Below is generated by plot.py at 2019-12-11 09:34:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 70.33 Mbit/s

95th percentile per-packet one-way delay: 74.891 ms

Loss rate: 3.65%

-- Flow 1:

Average throughput: 55.22 Mbit/s

95th percentile per-packet one-way delay: 74.885 ms

Loss rate: 4.27%

-- Flow 2:

Average throughput: 13.88 Mbit/s

95th percentile per-packet one-way delay: 74.997 ms

Loss rate: 1.14%

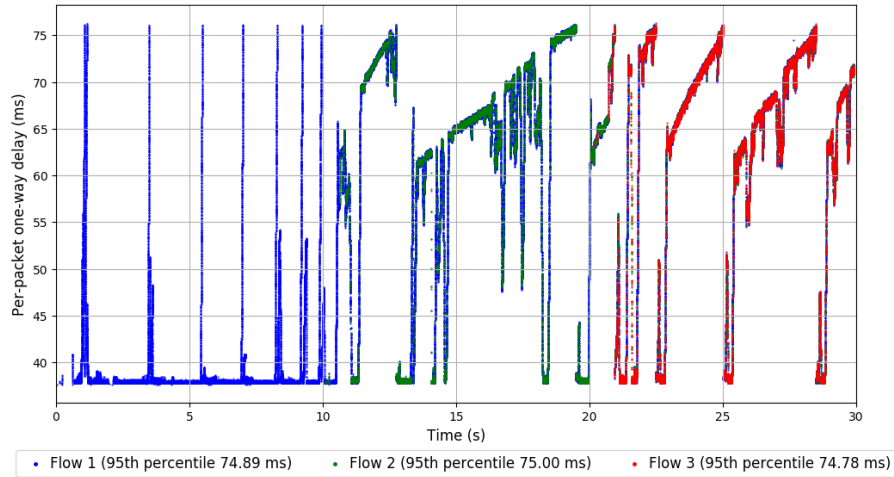
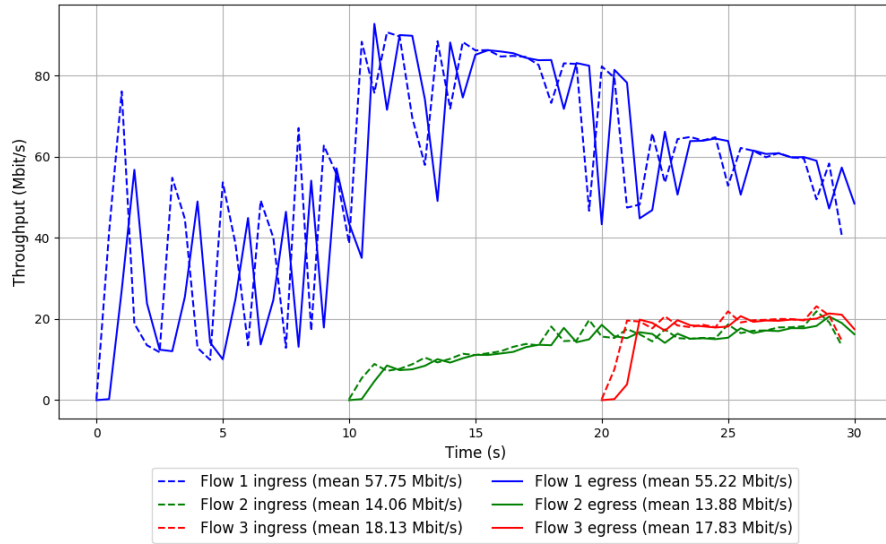
-- Flow 3:

Average throughput: 17.83 Mbit/s

95th percentile per-packet one-way delay: 74.782 ms

Loss rate: 1.56%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-12-11 07:56:28
End at: 2019-12-11 07:56:58
Local clock offset: 1.153 ms
Remote clock offset: -11.627 ms

Below is generated by plot.py at 2019-12-11 09:34:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.70 Mbit/s
95th percentile per-packet one-way delay: 73.658 ms
Loss rate: 1.24%

-- Flow 1:

Average throughput: 65.37 Mbit/s
95th percentile per-packet one-way delay: 73.452 ms
Loss rate: 1.15%

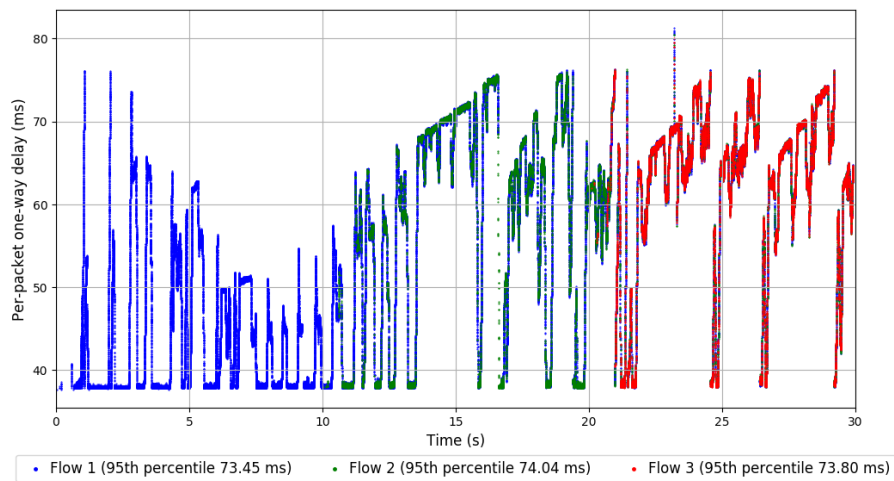
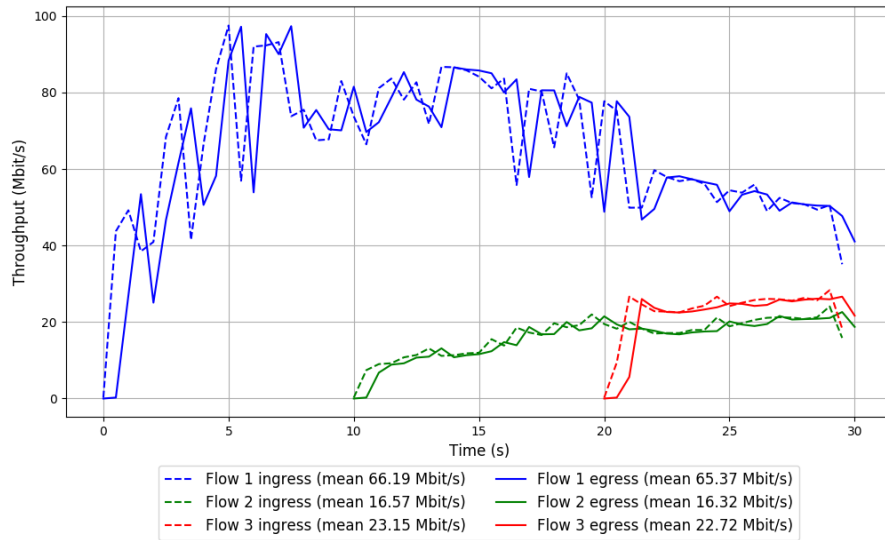
-- Flow 2:

Average throughput: 16.32 Mbit/s
95th percentile per-packet one-way delay: 74.036 ms
Loss rate: 1.38%

-- Flow 3:

Average throughput: 22.72 Mbit/s
95th percentile per-packet one-way delay: 73.803 ms
Loss rate: 1.82%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-12-11 08:32:29
End at: 2019-12-11 08:32:59
Local clock offset: 1.076 ms
Remote clock offset: -21.006 ms

Below is generated by plot.py at 2019-12-11 09:34:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.33 Mbit/s
95th percentile per-packet one-way delay: 71.967 ms
Loss rate: 3.48%

-- Flow 1:

Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 71.956 ms
Loss rate: 4.09%

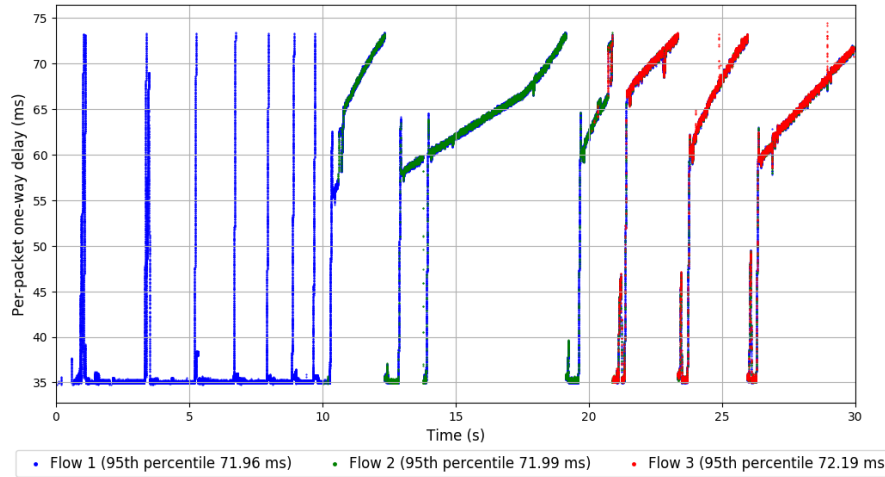
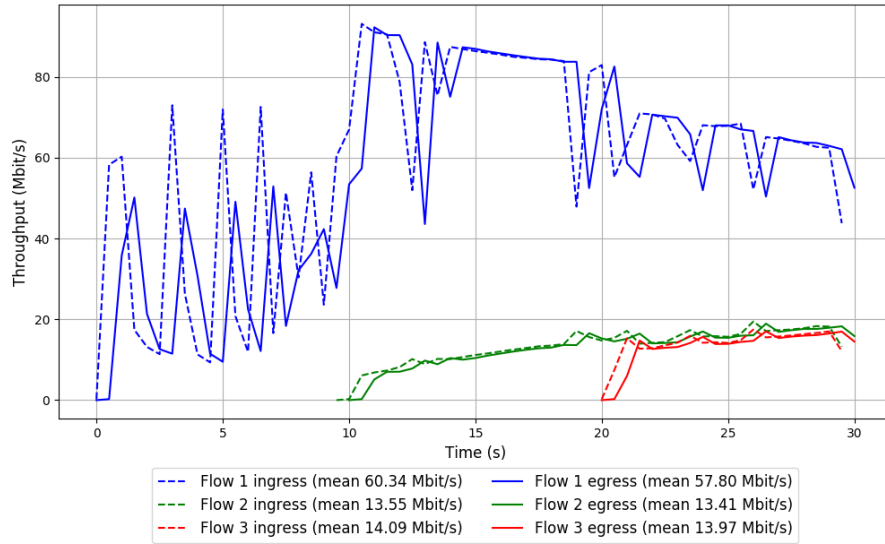
-- Flow 2:

Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 71.990 ms
Loss rate: 0.84%

-- Flow 3:

Average throughput: 13.97 Mbit/s
95th percentile per-packet one-way delay: 72.194 ms
Loss rate: 0.74%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-12-11 09:02:31
End at: 2019-12-11 09:03:01
Local clock offset: -2.725 ms
Remote clock offset: -3.892 ms

Below is generated by plot.py at 2019-12-11 09:34:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.45 Mbit/s
95th percentile per-packet one-way delay: 71.606 ms
Loss rate: 3.79%

-- Flow 1:

Average throughput: 52.42 Mbit/s
95th percentile per-packet one-way delay: 71.580 ms
Loss rate: 4.76%

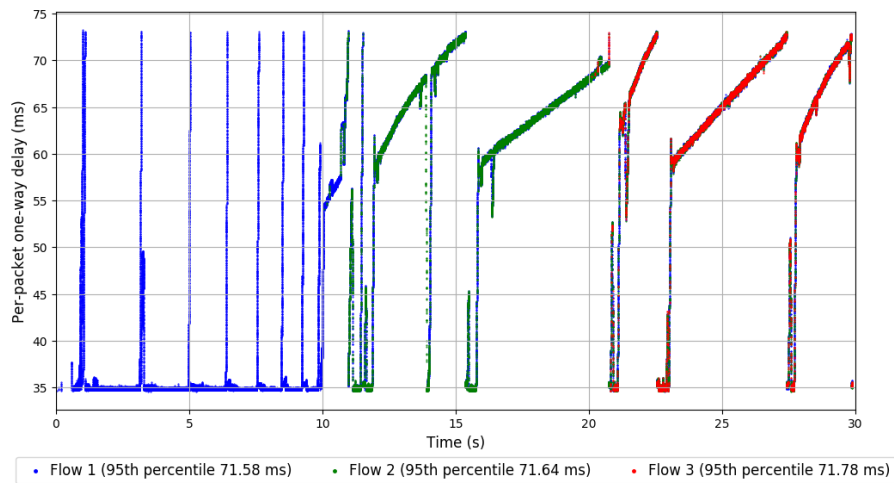
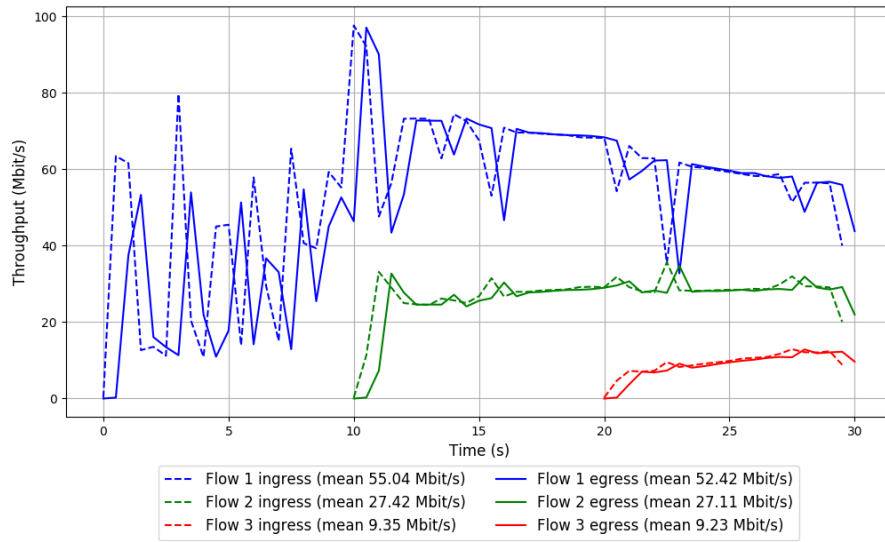
-- Flow 2:

Average throughput: 27.11 Mbit/s
95th percentile per-packet one-way delay: 71.645 ms
Loss rate: 1.23%

-- Flow 3:

Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 71.778 ms
Loss rate: 1.64%

Run 5: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2019-12-11 07:00:37

End at: 2019-12-11 07:01:07

Local clock offset: 2.027 ms

Remote clock offset: 5.087 ms

Below is generated by plot.py at 2019-12-11 09:34:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 38.088 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 38.088 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 38.073 ms

Loss rate: 0.00%

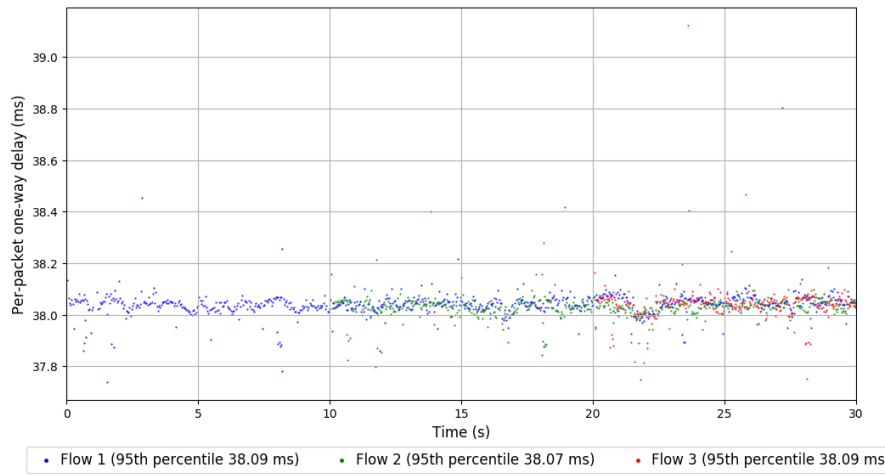
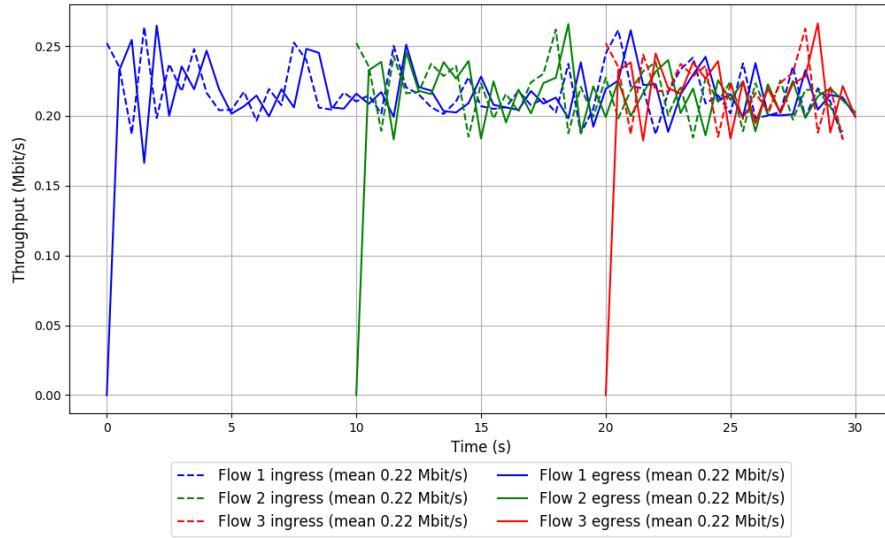
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 38.089 ms

Loss rate: 0.00%

Run 1: Report of SCReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-12-11 07:36:16
End at: 2019-12-11 07:36:46
Local clock offset: 1.396 ms
Remote clock offset: -1.709 ms

Below is generated by plot.py at 2019-12-11 09:34:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 38.569 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: 38.562 ms

Loss rate: 0.00%

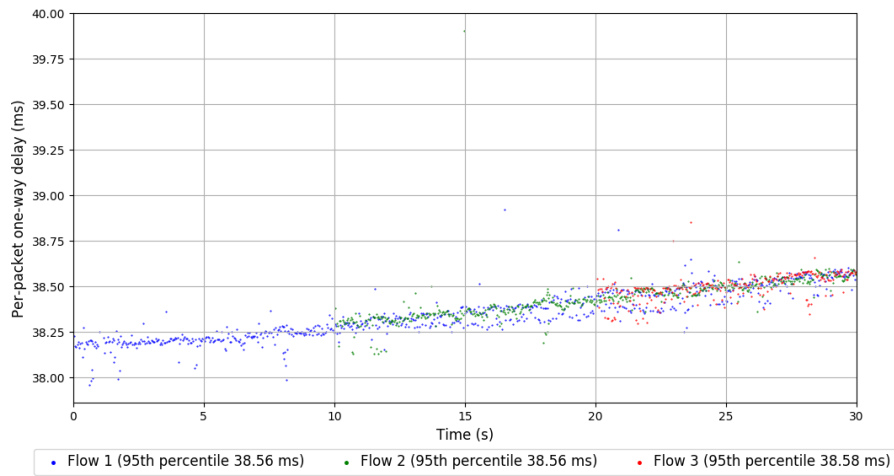
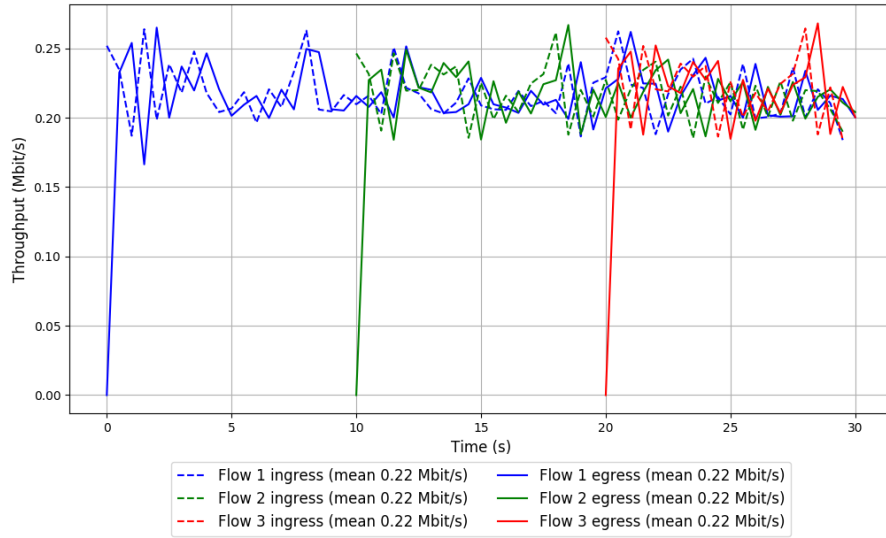
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 38.580 ms

Loss rate: 0.00%

Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-12-11 08:17:52
End at: 2019-12-11 08:18:22
Local clock offset: 1.103 ms
Remote clock offset: -17.989 ms

Below is generated by plot.py at 2019-12-11 09:34:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 35.154 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 35.111 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 35.169 ms

Loss rate: 0.00%

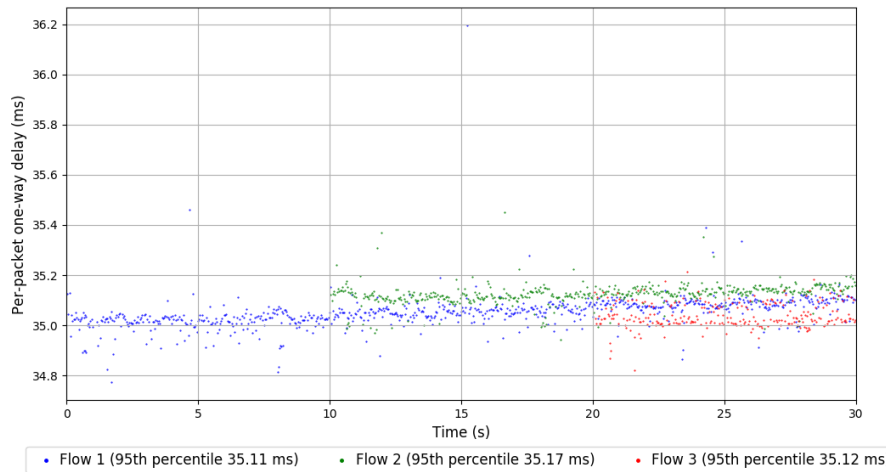
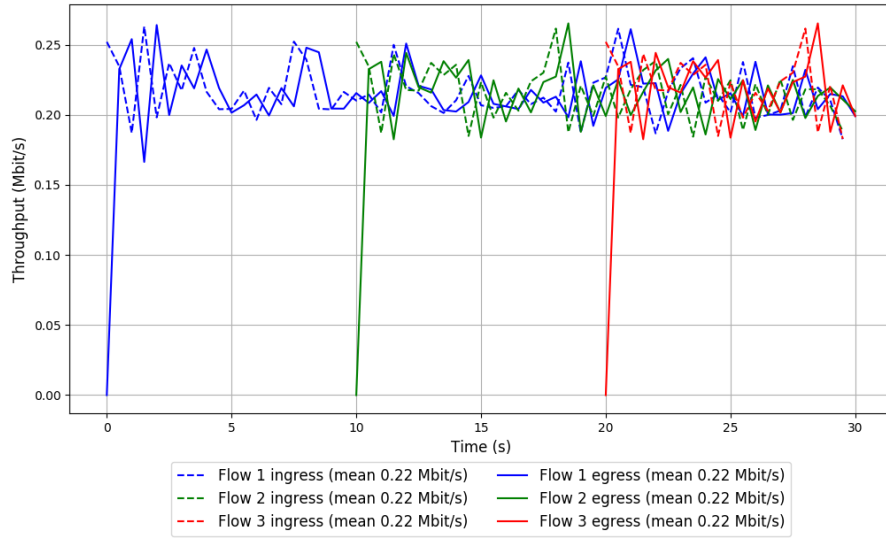
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 35.121 ms

Loss rate: 0.00%

Run 3: Report of SCReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-12-11 08:47:21

End at: 2019-12-11 08:47:51

Local clock offset: -1.209 ms

Remote clock offset: -10.6 ms

Below is generated by plot.py at 2019-12-11 09:34:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 34.783 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 34.806 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 34.633 ms

Loss rate: 0.00%

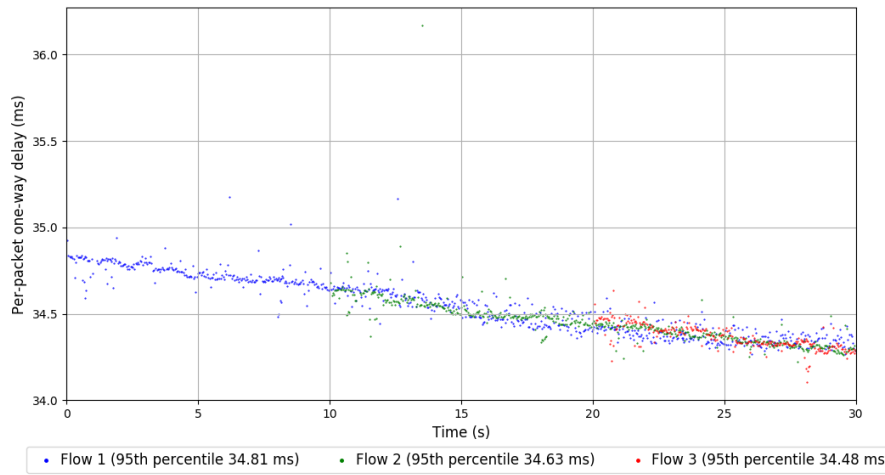
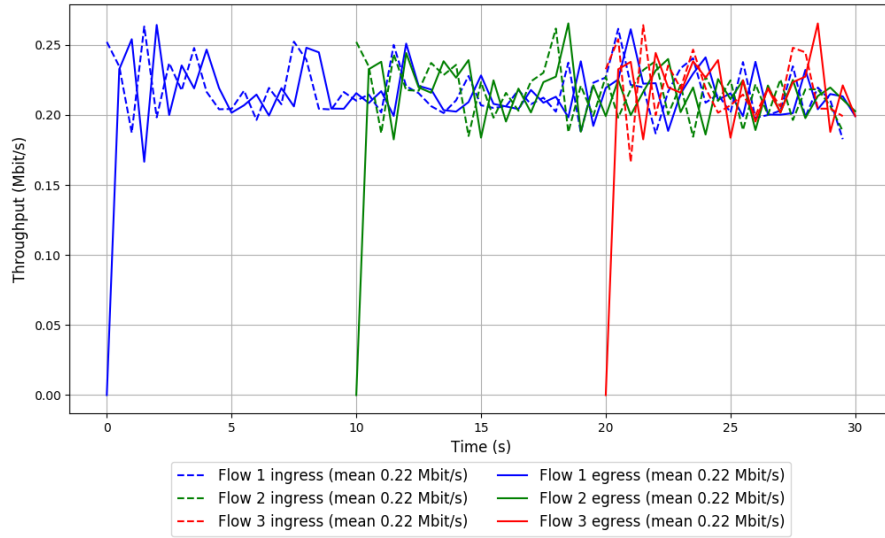
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 34.480 ms

Loss rate: 0.00%

Run 4: Report of SCReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-12-11 09:17:23

End at: 2019-12-11 09:17:53

Local clock offset: -2.531 ms

Remote clock offset: 2.022 ms

Below is generated by plot.py at 2019-12-11 09:34:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 34.696 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 34.727 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 34.653 ms

Loss rate: 0.00%

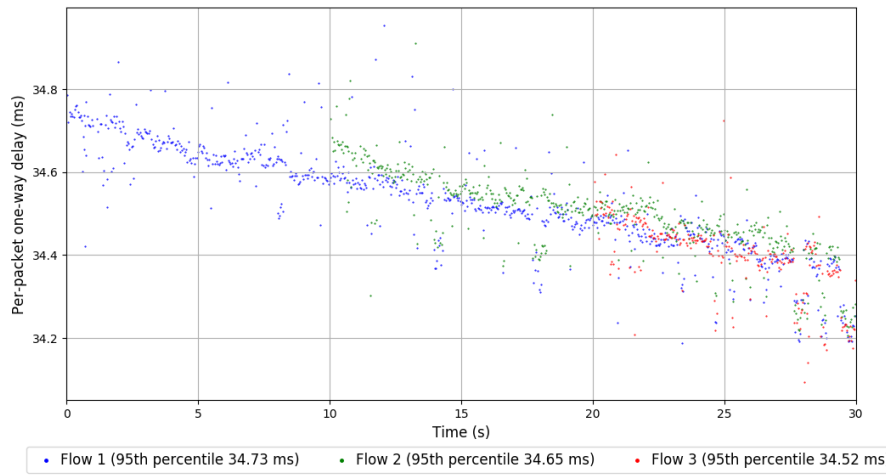
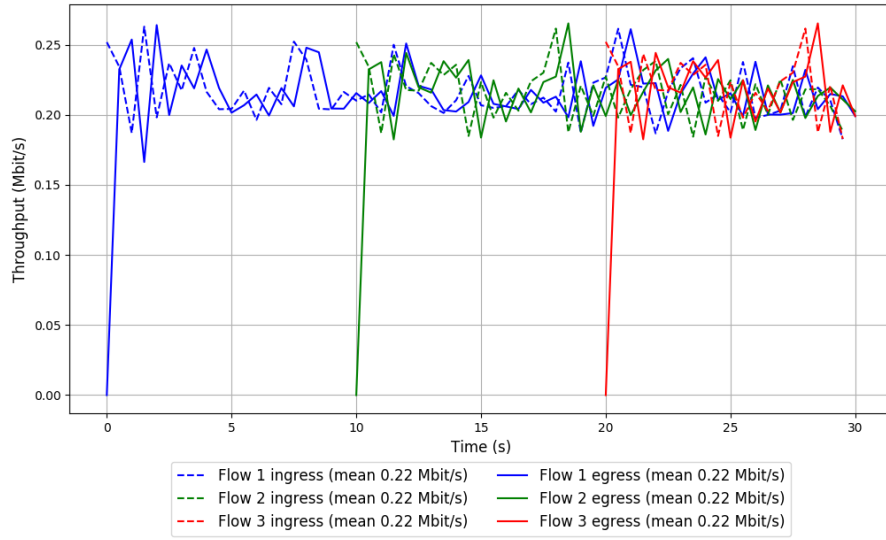
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 34.515 ms

Loss rate: 0.00%

Run 5: Report of SCReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-12-11 07:01:46

End at: 2019-12-11 07:02:16

Local clock offset: 2.071 ms

Remote clock offset: 4.953 ms

Below is generated by plot.py at 2019-12-11 09:34:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.47 Mbit/s

95th percentile per-packet one-way delay: 45.950 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 9.97 Mbit/s

95th percentile per-packet one-way delay: 44.622 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.59 Mbit/s

95th percentile per-packet one-way delay: 45.937 ms

Loss rate: 0.00%

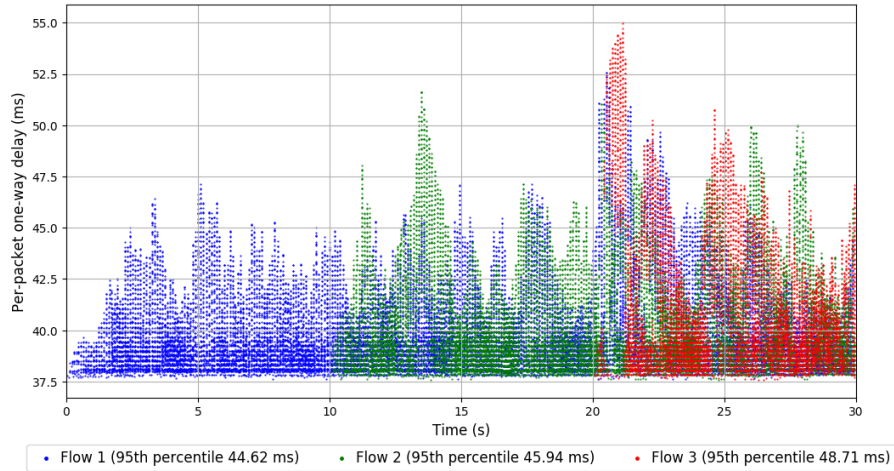
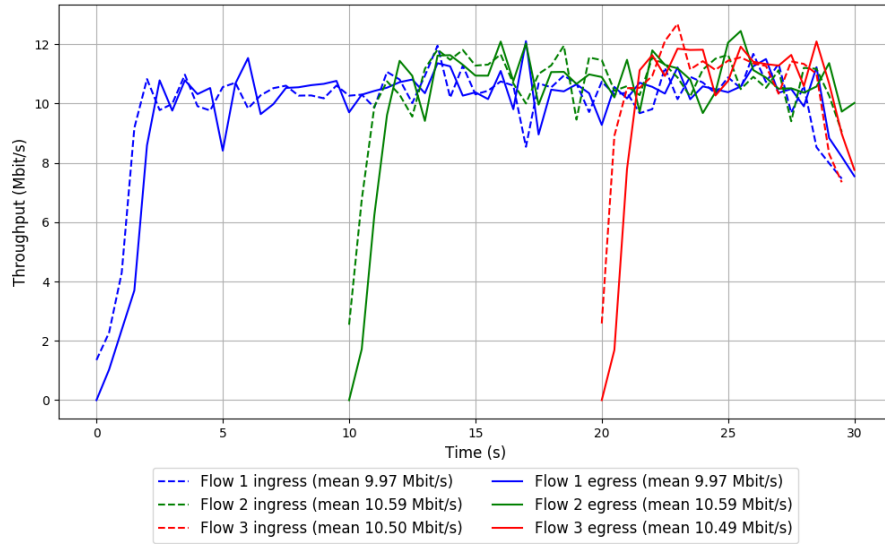
-- Flow 3:

Average throughput: 10.49 Mbit/s

95th percentile per-packet one-way delay: 48.708 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2019-12-11 07:37:26
End at: 2019-12-11 07:37:56
Local clock offset: 1.37 ms
Remote clock offset: -2.705 ms

Below is generated by plot.py at 2019-12-11 09:34:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.20 Mbit/s
95th percentile per-packet one-way delay: 46.490 ms
Loss rate: 0.02%

-- Flow 1:

Average throughput: 10.10 Mbit/s
95th percentile per-packet one-way delay: 46.254 ms
Loss rate: 0.00%

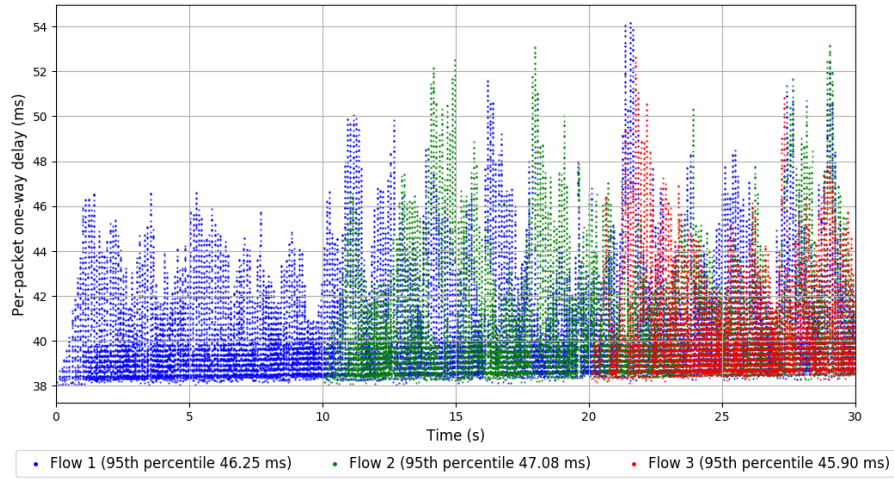
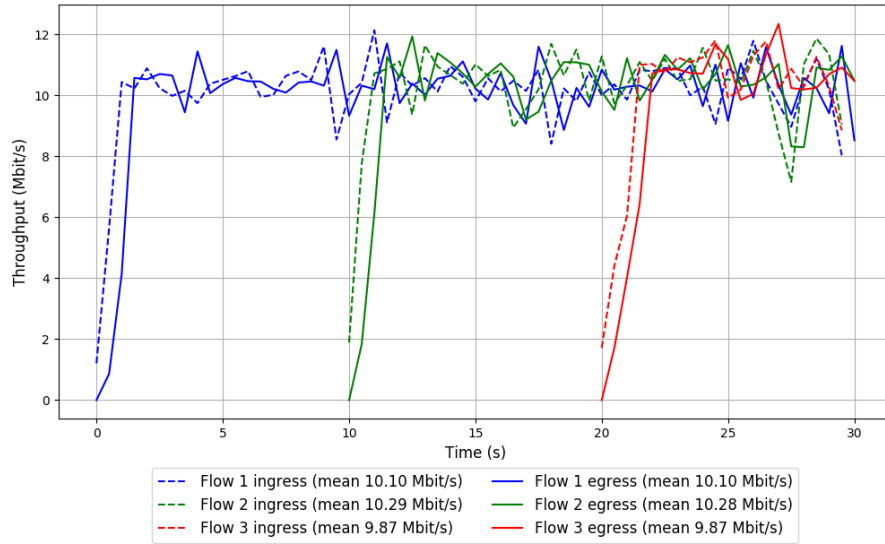
-- Flow 2:

Average throughput: 10.28 Mbit/s
95th percentile per-packet one-way delay: 47.082 ms
Loss rate: 0.05%

-- Flow 3:

Average throughput: 9.87 Mbit/s
95th percentile per-packet one-way delay: 45.904 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2019-12-11 08:19:01
End at: 2019-12-11 08:19:31
Local clock offset: 1.096 ms
Remote clock offset: -18.315 ms

Below is generated by plot.py at 2019-12-11 09:34:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 22.93 Mbit/s
95th percentile per-packet one-way delay: 39.279 ms
Loss rate: 0.00%

-- Flow 1:

Average throughput: 11.57 Mbit/s
95th percentile per-packet one-way delay: 39.280 ms
Loss rate: 0.00%

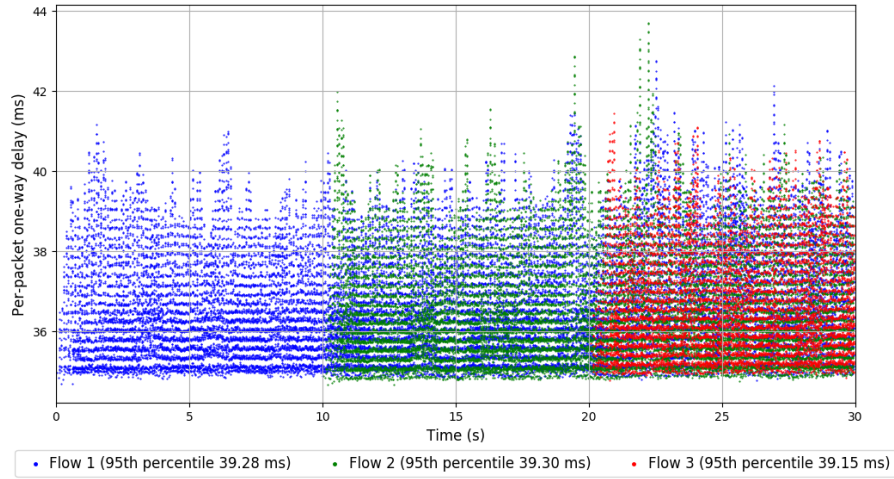
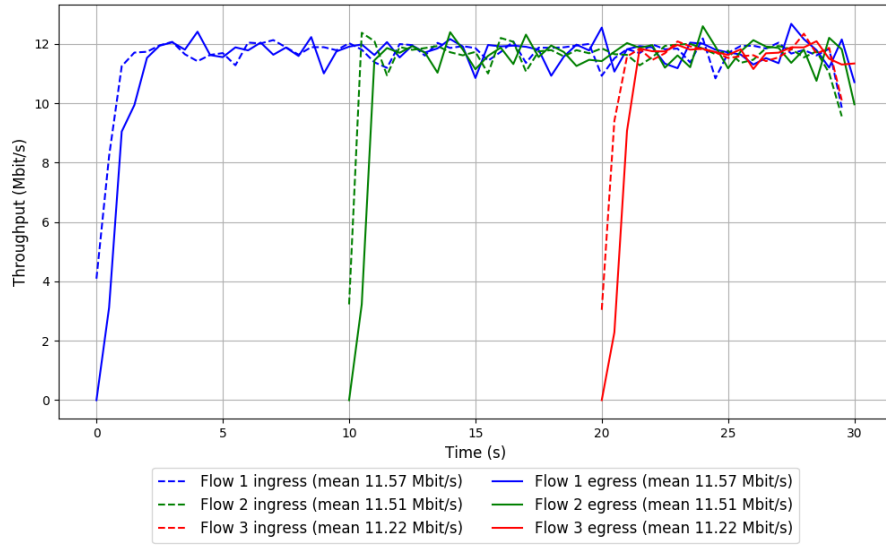
-- Flow 2:

Average throughput: 11.51 Mbit/s
95th percentile per-packet one-way delay: 39.296 ms
Loss rate: 0.00%

-- Flow 3:

Average throughput: 11.22 Mbit/s
95th percentile per-packet one-way delay: 39.151 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

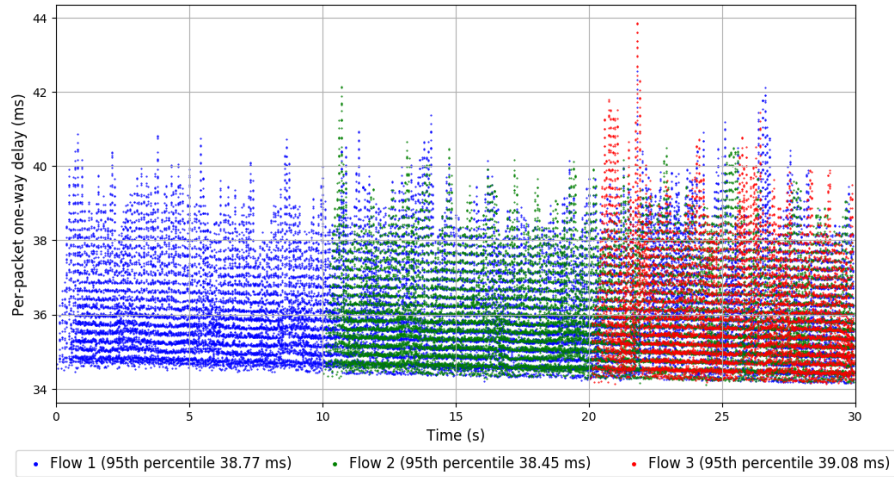
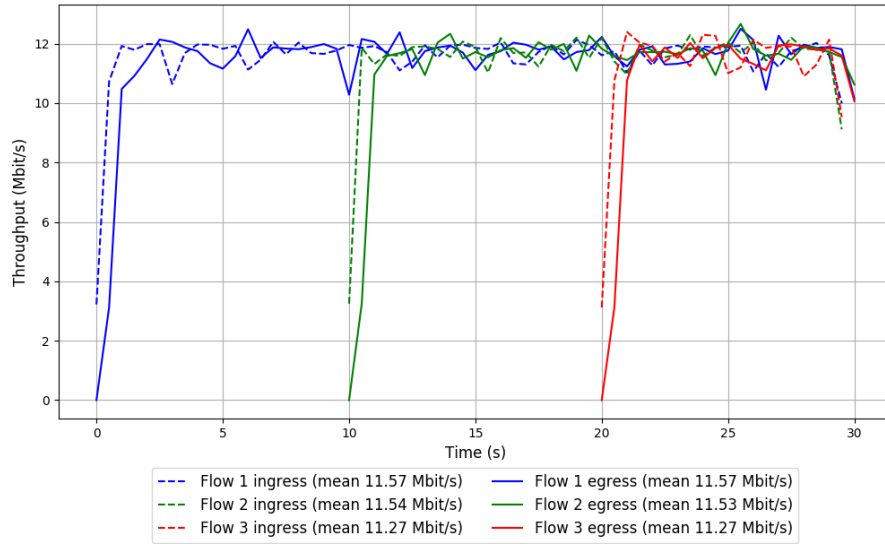


Run 4: Statistics of Sprout

Start at: 2019-12-11 08:48:31
End at: 2019-12-11 08:49:01
Local clock offset: -1.396 ms
Remote clock offset: -9.838 ms

```
# Below is generated by plot.py at 2019-12-11 09:34:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.97 Mbit/s
95th percentile per-packet one-way delay: 38.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.57 Mbit/s
95th percentile per-packet one-way delay: 38.772 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 38.448 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.27 Mbit/s
95th percentile per-packet one-way delay: 39.083 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-12-11 09:18:33

End at: 2019-12-11 09:19:03

Local clock offset: -2.496 ms

Remote clock offset: 2.833 ms

Below is generated by plot.py at 2019-12-11 09:34:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 22.88 Mbit/s

95th percentile per-packet one-way delay: 39.290 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 11.59 Mbit/s

95th percentile per-packet one-way delay: 39.065 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 11.46 Mbit/s

95th percentile per-packet one-way delay: 39.408 ms

Loss rate: 0.00%

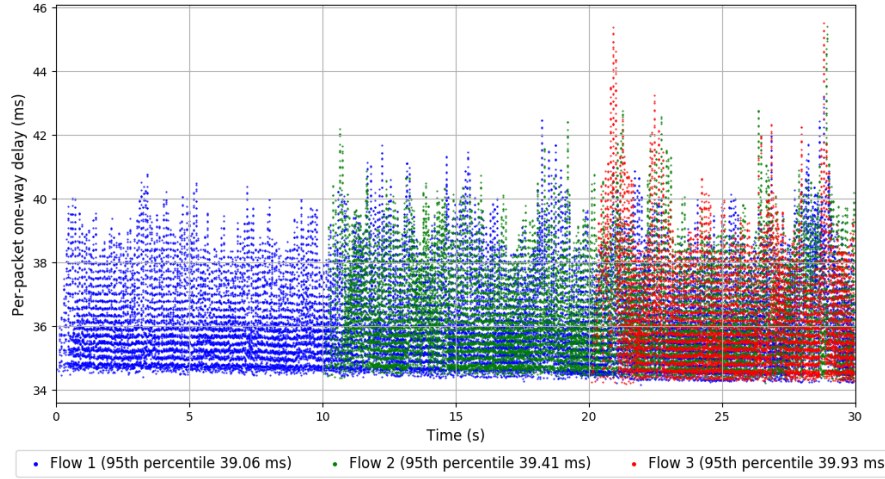
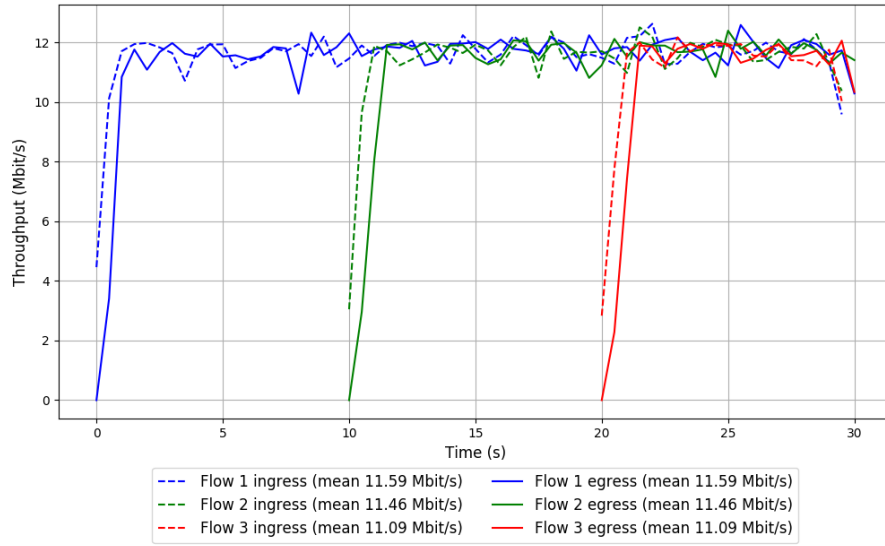
-- Flow 3:

Average throughput: 11.09 Mbit/s

95th percentile per-packet one-way delay: 39.926 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-12-11 06:35:25

End at: 2019-12-11 06:35:55

Local clock offset: -1.691 ms

Remote clock offset: 6.154 ms

Below is generated by plot.py at 2019-12-11 09:34:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.56 Mbit/s

95th percentile per-packet one-way delay: 39.628 ms

Loss rate: 70.19%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 39.357 ms

Loss rate: 95.92%

-- Flow 2:

Average throughput: 12.85 Mbit/s

95th percentile per-packet one-way delay: 39.628 ms

Loss rate: 70.18%

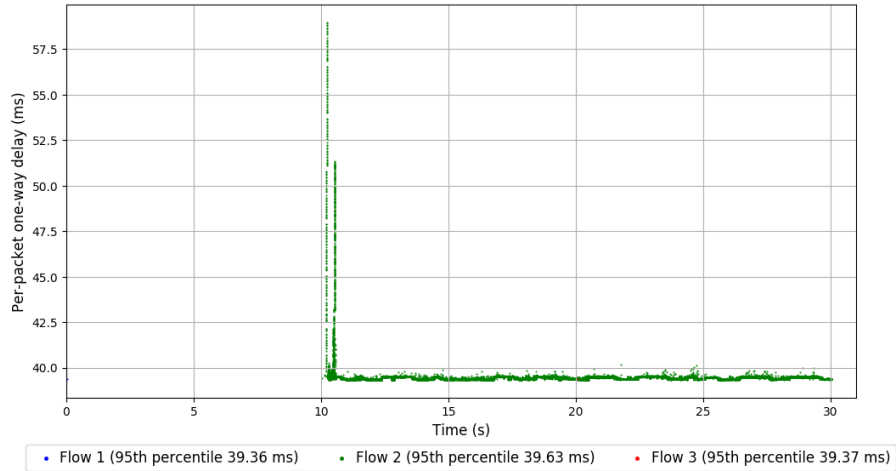
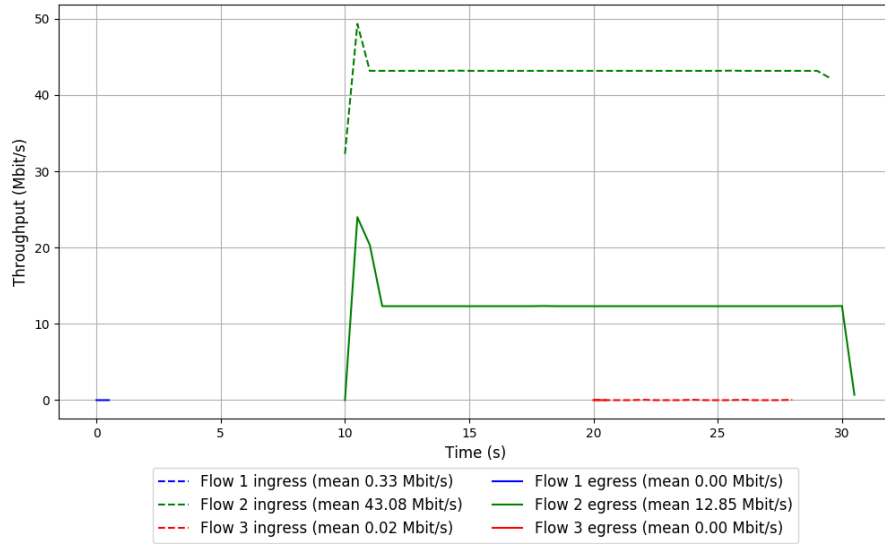
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 39.367 ms

Loss rate: 99.16%

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



Run 2: Statistics of TaoVA-100x

Start at: 2019-12-11 07:06:56

End at: 2019-12-11 07:07:26

Local clock offset: 2.359 ms

Remote clock offset: 5.005 ms

Below is generated by plot.py at 2019-12-11 09:34:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 38.111 ms

Loss rate: 92.99%

-- Flow 1:

Average throughput: 5.78 Mbit/s

95th percentile per-packet one-way delay: 40.314 ms

Loss rate: 53.94%

-- Flow 2:

Average throughput: 11.94 Mbit/s

95th percentile per-packet one-way delay: 38.057 ms

Loss rate: 95.39%

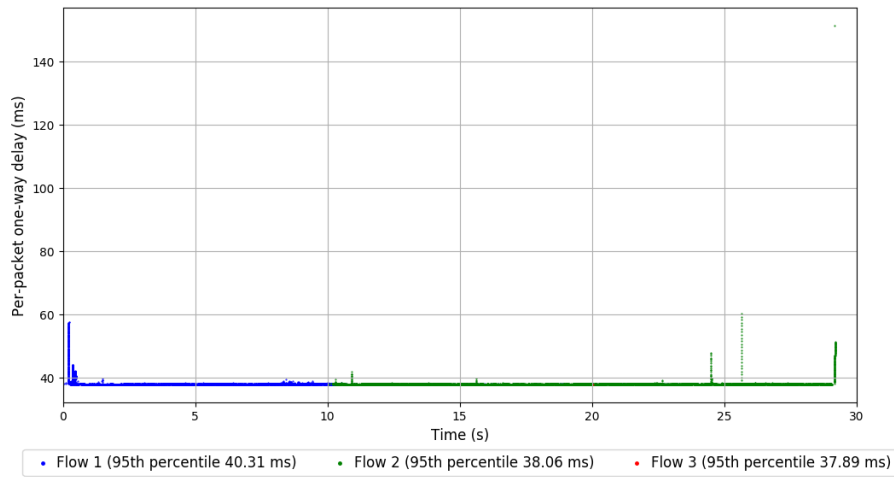
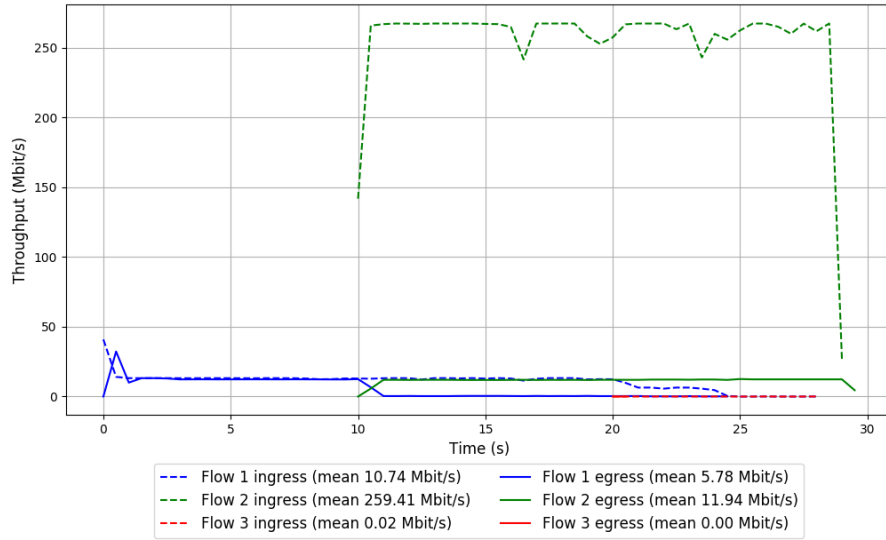
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 37.887 ms

Loss rate: 99.16%

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



Run 3: Statistics of TaoVA-100x

Start at: 2019-12-11 07:43:37
End at: 2019-12-11 07:44:07
Local clock offset: 1.233 ms
Remote clock offset: -6.916 ms

Below is generated by plot.py at 2019-12-11 09:34:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.56 Mbit/s
95th percentile per-packet one-way delay: 39.874 ms
Loss rate: 92.44%

-- Flow 1:

Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 37.903 ms
Loss rate: 95.92%

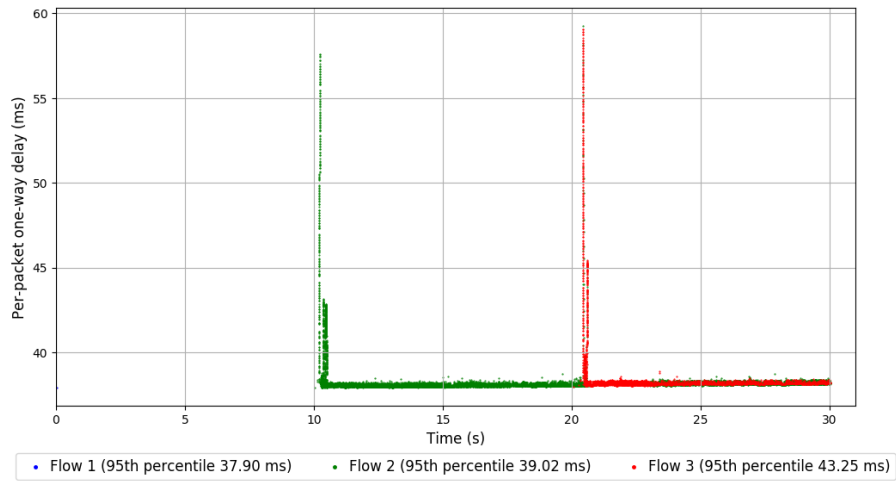
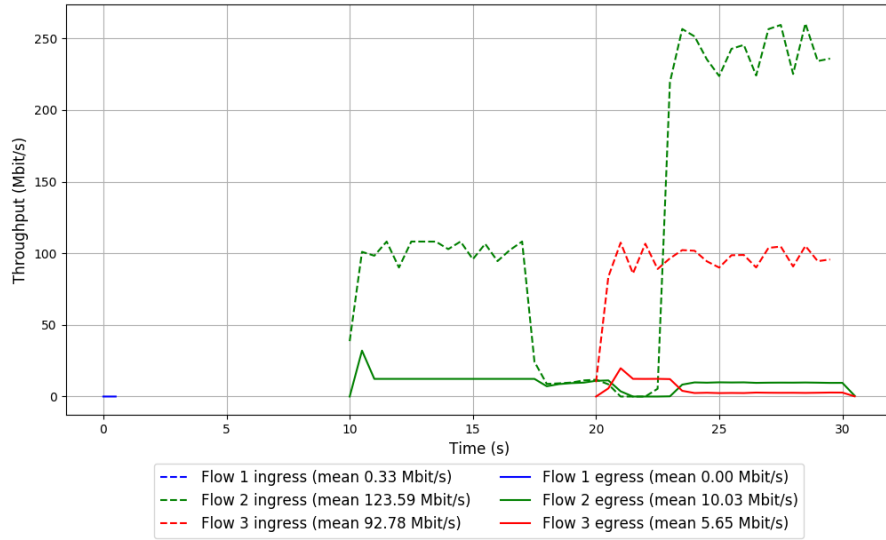
-- Flow 2:

Average throughput: 10.03 Mbit/s
95th percentile per-packet one-way delay: 39.019 ms
Loss rate: 91.89%

-- Flow 3:

Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: 43.251 ms
Loss rate: 93.92%

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



Run 4: Statistics of TaoVA-100x

Start at: 2019-12-11 08:23:56
End at: 2019-12-11 08:24:26
Local clock offset: 1.04 ms
Remote clock offset: -19.254 ms

Below is generated by plot.py at 2019-12-11 09:34:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 12.67 Mbit/s
95th percentile per-packet one-way delay: 36.121 ms
Loss rate: 66.29%

-- Flow 1:

Average throughput: 7.94 Mbit/s
95th percentile per-packet one-way delay: 37.013 ms
Loss rate: 74.18%

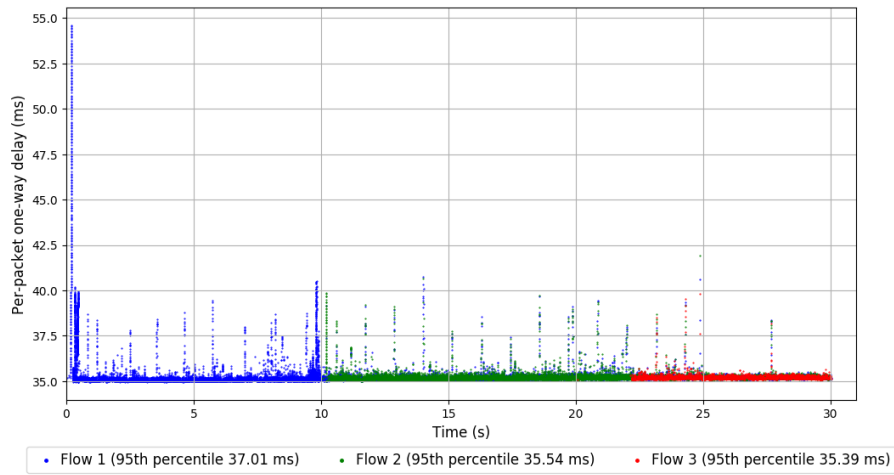
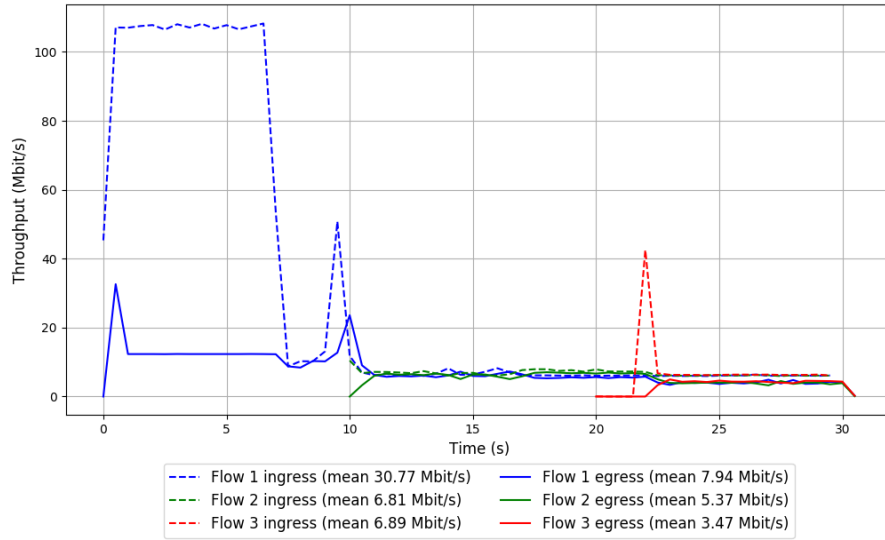
-- Flow 2:

Average throughput: 5.37 Mbit/s
95th percentile per-packet one-way delay: 35.542 ms
Loss rate: 21.20%

-- Flow 3:

Average throughput: 3.47 Mbit/s
95th percentile per-packet one-way delay: 35.387 ms
Loss rate: 49.66%

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



Run 5: Statistics of TaoVA-100x

Start at: 2019-12-11 08:53:26
End at: 2019-12-11 08:53:56
Local clock offset: -2.006 ms
Remote clock offset: -6.864 ms

Below is generated by plot.py at 2019-12-11 09:34:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.56 Mbit/s
95th percentile per-packet one-way delay: 34.957 ms
Loss rate: 83.80%

-- Flow 1:

Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 34.725 ms
Loss rate: 95.92%

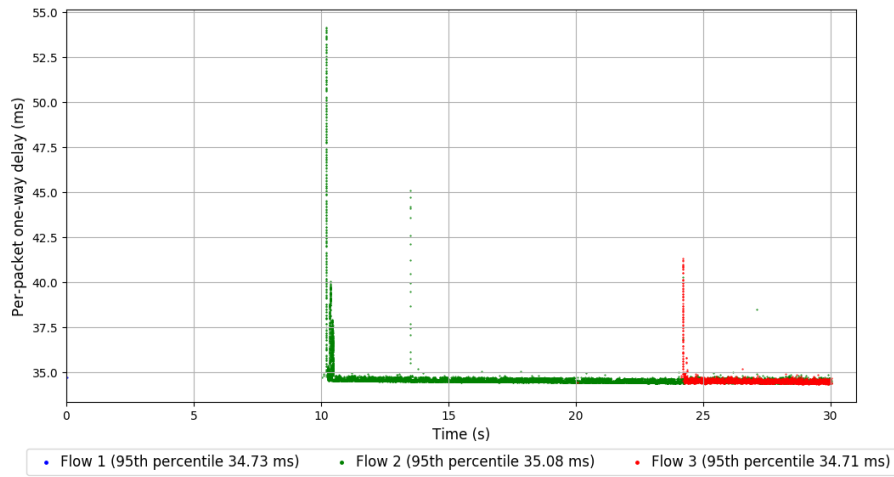
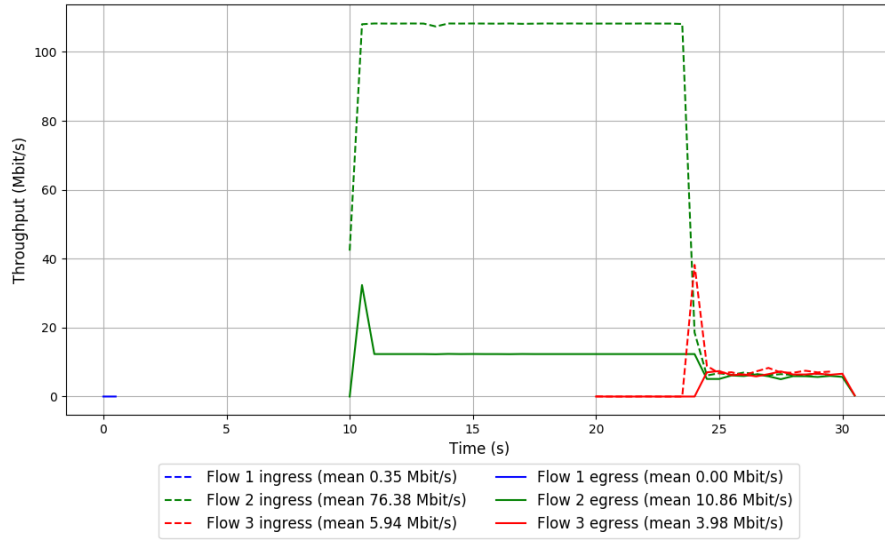
-- Flow 2:

Average throughput: 10.86 Mbit/s
95th percentile per-packet one-way delay: 35.083 ms
Loss rate: 85.78%

-- Flow 3:

Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 34.709 ms
Loss rate: 32.95%

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



Run 1: Statistics of TCP Vegas

Start at: 2019-12-11 06:59:17

End at: 2019-12-11 06:59:47

Local clock offset: 1.925 ms

Remote clock offset: 5.01 ms

Below is generated by plot.py at 2019-12-11 09:35:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.82 Mbit/s

95th percentile per-packet one-way delay: 46.261 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 82.84 Mbit/s

95th percentile per-packet one-way delay: 46.104 ms

Loss rate: 0.30%

-- Flow 2:

Average throughput: 12.94 Mbit/s

95th percentile per-packet one-way delay: 47.027 ms

Loss rate: 0.00%

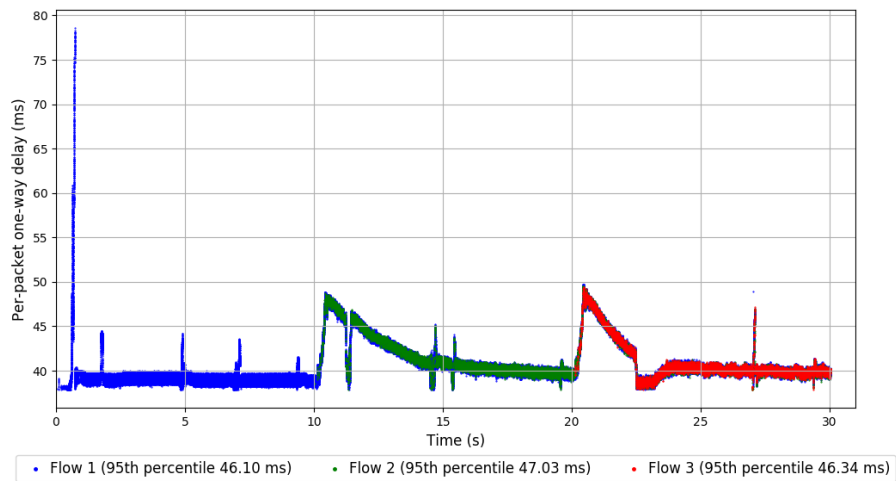
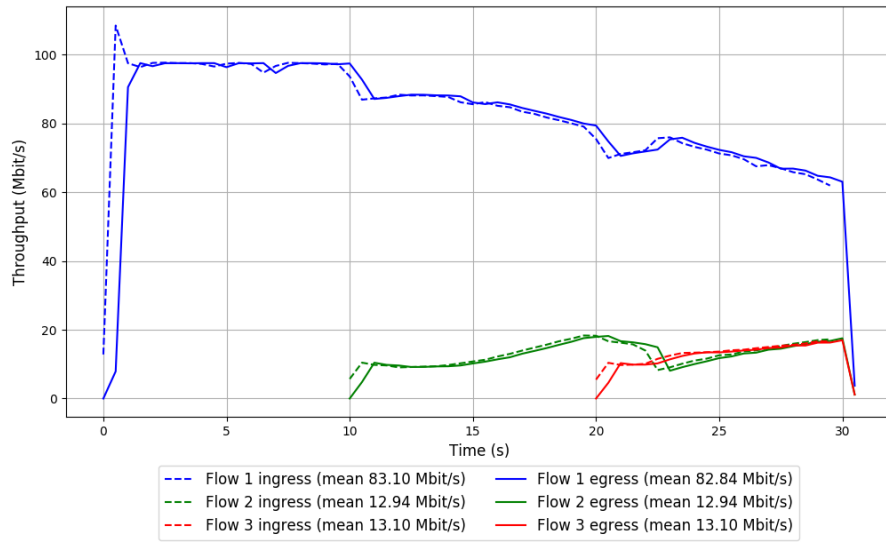
-- Flow 3:

Average throughput: 13.10 Mbit/s

95th percentile per-packet one-way delay: 46.340 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-12-11 07:34:33

End at: 2019-12-11 07:35:03

Local clock offset: 1.326 ms

Remote clock offset: 0.095 ms

Below is generated by plot.py at 2019-12-11 09:35:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 68.89 Mbit/s

95th percentile per-packet one-way delay: 47.655 ms

Loss rate: 0.32%

-- Flow 1:

Average throughput: 14.15 Mbit/s

95th percentile per-packet one-way delay: 46.500 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 76.57 Mbit/s

95th percentile per-packet one-way delay: 47.889 ms

Loss rate: 0.39%

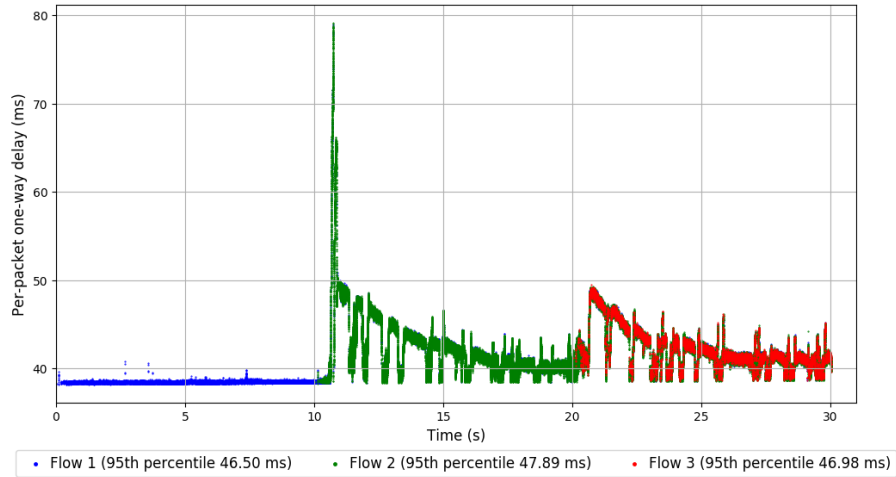
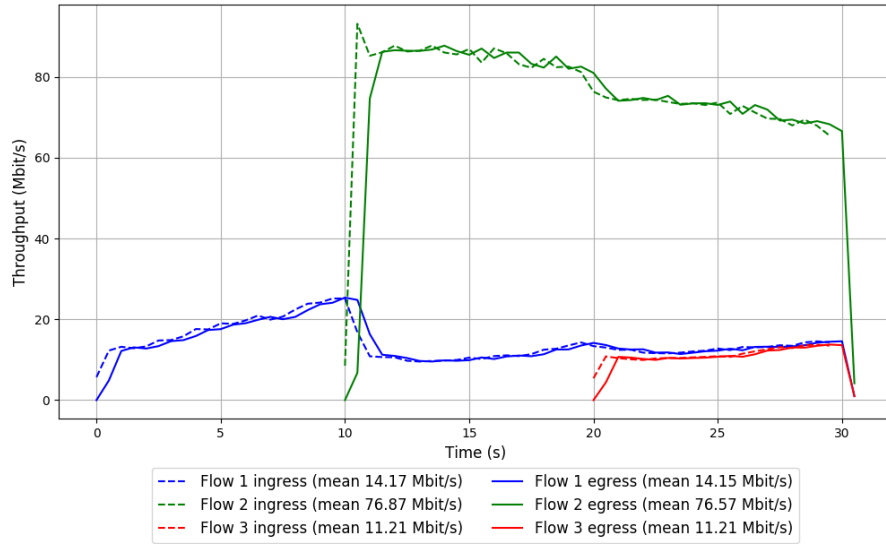
-- Flow 3:

Average throughput: 11.21 Mbit/s

95th percentile per-packet one-way delay: 46.980 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-12-11 08:16:36
End at: 2019-12-11 08:17:06
Local clock offset: 1.071 ms
Remote clock offset: -17.69 ms

Below is generated by plot.py at 2019-12-11 09:35:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 43.587 ms
Loss rate: 0.27%

-- Flow 1:

Average throughput: 80.03 Mbit/s
95th percentile per-packet one-way delay: 43.458 ms
Loss rate: 0.32%

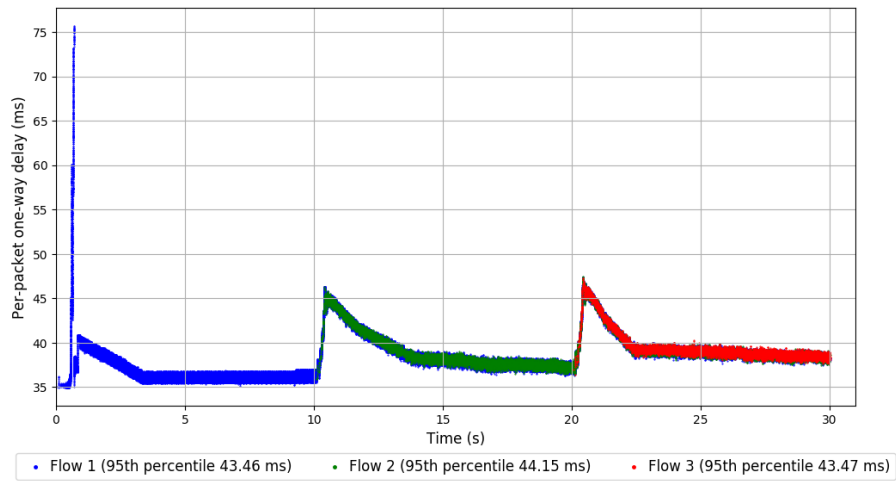
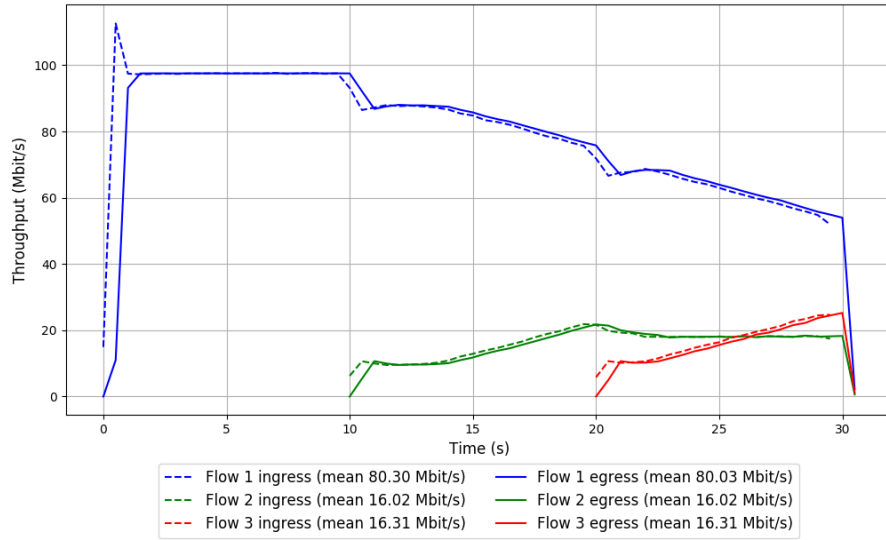
-- Flow 2:

Average throughput: 16.02 Mbit/s
95th percentile per-packet one-way delay: 44.154 ms
Loss rate: 0.00%

-- Flow 3:

Average throughput: 16.31 Mbit/s
95th percentile per-packet one-way delay: 43.473 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-12-11 08:46:07
End at: 2019-12-11 08:46:37
Local clock offset: -1.002 ms
Remote clock offset: -11.676 ms

Below is generated by plot.py at 2019-12-11 09:35:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 49.287 ms
Loss rate: 0.26%

-- Flow 1:

Average throughput: 79.16 Mbit/s
95th percentile per-packet one-way delay: 47.432 ms
Loss rate: 0.32%

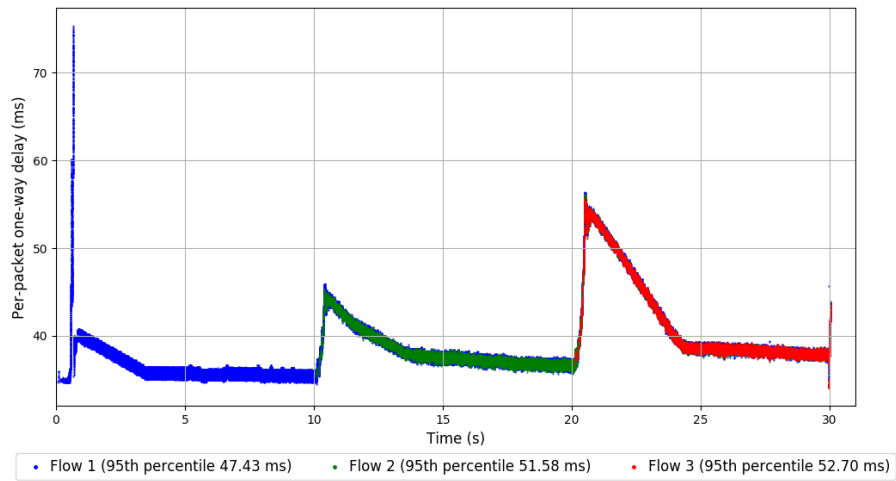
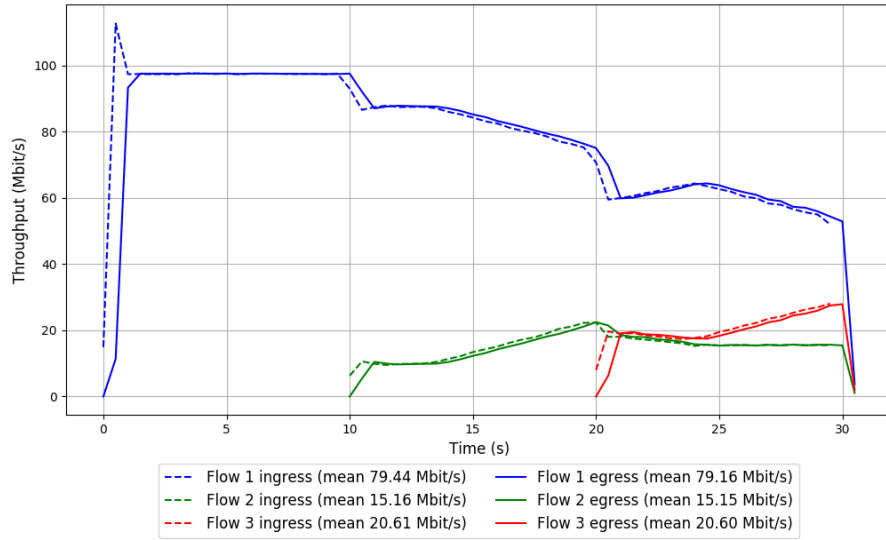
-- Flow 2:

Average throughput: 15.15 Mbit/s
95th percentile per-packet one-way delay: 51.582 ms
Loss rate: 0.00%

-- Flow 3:

Average throughput: 20.60 Mbit/s
95th percentile per-packet one-way delay: 52.699 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-12-11 09:16:08

End at: 2019-12-11 09:16:38

Local clock offset: -2.559 ms

Remote clock offset: 1.196 ms

Below is generated by plot.py at 2019-12-11 09:35:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.73 Mbit/s

95th percentile per-packet one-way delay: 48.157 ms

Loss rate: 0.27%

-- Flow 1:

Average throughput: 78.12 Mbit/s

95th percentile per-packet one-way delay: 48.150 ms

Loss rate: 0.34%

-- Flow 2:

Average throughput: 18.30 Mbit/s

95th percentile per-packet one-way delay: 49.202 ms

Loss rate: 0.00%

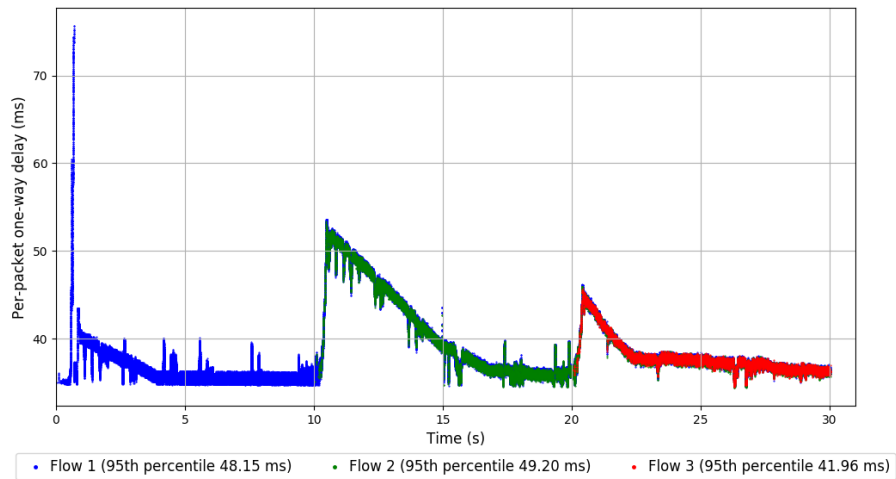
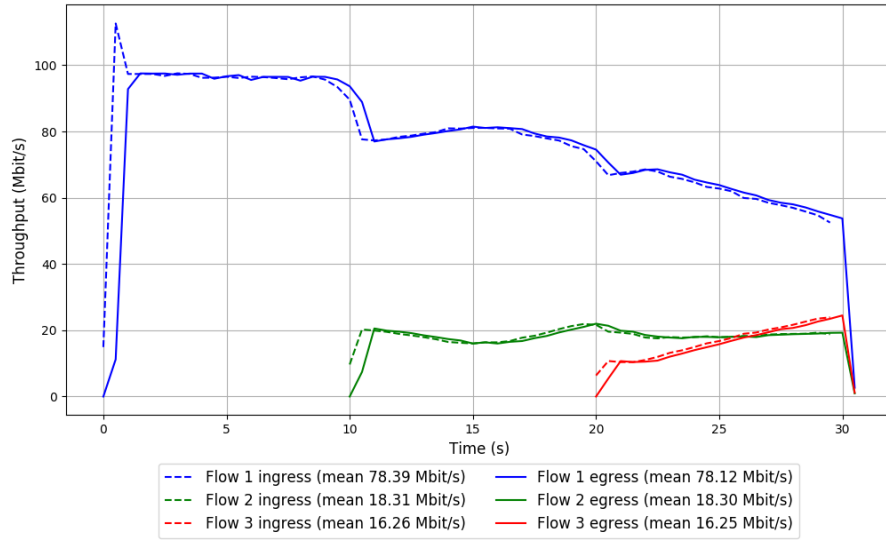
-- Flow 3:

Average throughput: 16.25 Mbit/s

95th percentile per-packet one-way delay: 41.956 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-12-11 06:32:22
End at: 2019-12-11 06:32:52
Local clock offset: -1.58 ms
Remote clock offset: 21.158 ms

Below is generated by plot.py at 2019-12-11 09:35:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 54.62 Mbit/s
95th percentile per-packet one-way delay: 93.698 ms
Loss rate: 66.79%

-- Flow 1:

Average throughput: 29.96 Mbit/s
95th percentile per-packet one-way delay: 89.898 ms
Loss rate: 34.15%

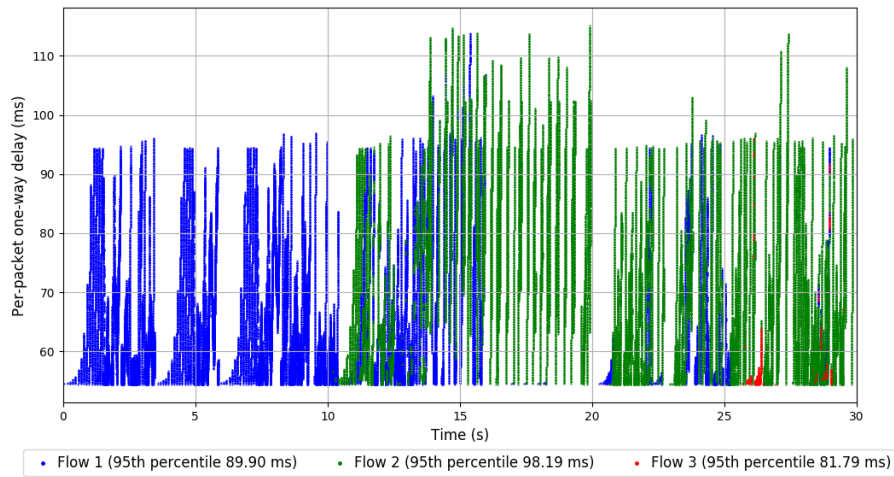
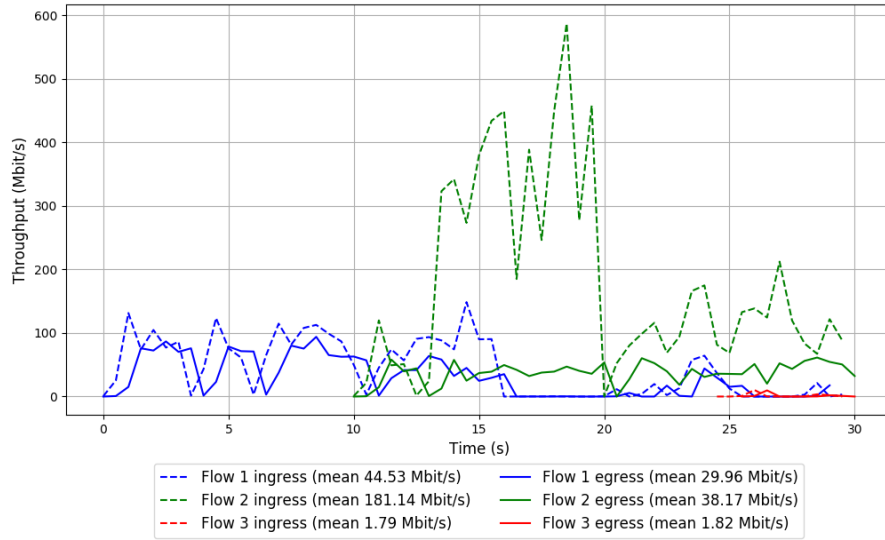
-- Flow 2:

Average throughput: 38.17 Mbit/s
95th percentile per-packet one-way delay: 98.191 ms
Loss rate: 78.91%

-- Flow 3:

Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 81.786 ms
Loss rate: 20.46%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-12-11 07:04:18

End at: 2019-12-11 07:04:48

Local clock offset: 2.249 ms

Remote clock offset: 4.944 ms

Below is generated by plot.py at 2019-12-11 09:35:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 58.71 Mbit/s

95th percentile per-packet one-way delay: 73.620 ms

Loss rate: 28.06%

-- Flow 1:

Average throughput: 46.96 Mbit/s

95th percentile per-packet one-way delay: 73.600 ms

Loss rate: 28.81%

-- Flow 2:

Average throughput: 8.75 Mbit/s

95th percentile per-packet one-way delay: 74.203 ms

Loss rate: 25.89%

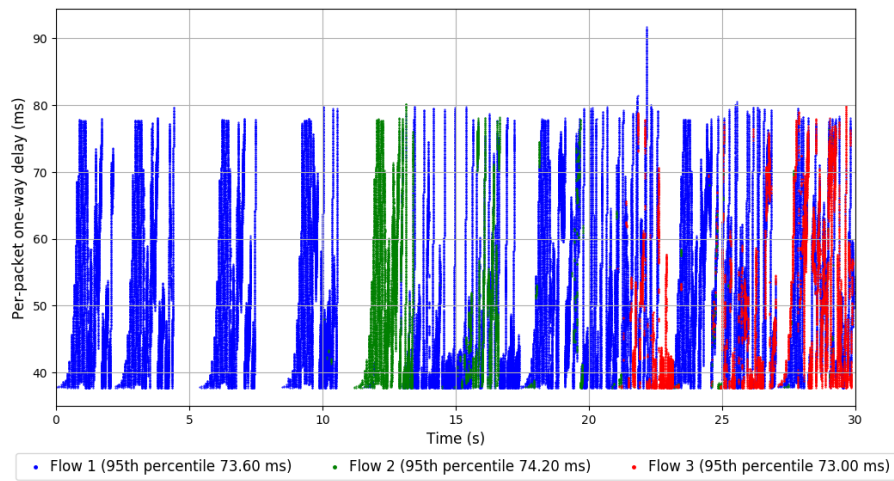
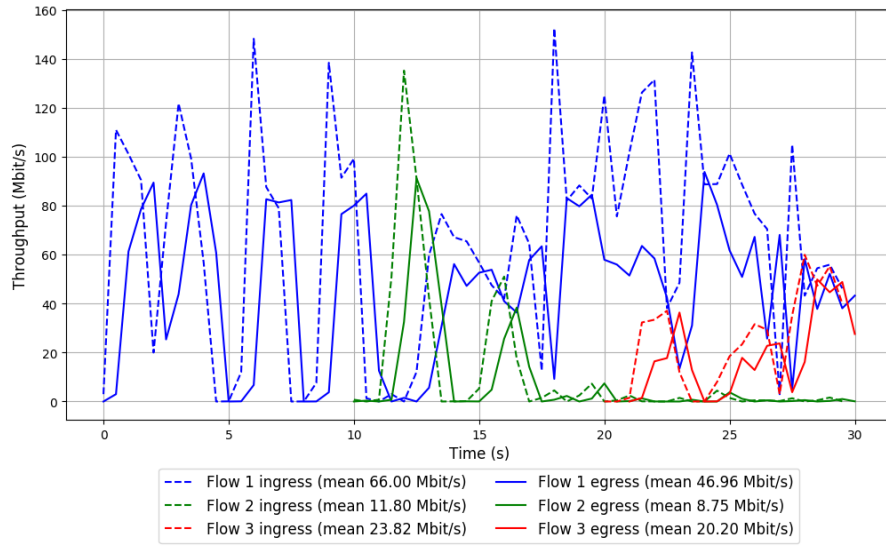
-- Flow 3:

Average throughput: 20.20 Mbit/s

95th percentile per-packet one-way delay: 73.002 ms

Loss rate: 23.85%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-12-11 07:40:41

End at: 2019-12-11 07:41:11

Local clock offset: 1.314 ms

Remote clock offset: -5.11 ms

Below is generated by plot.py at 2019-12-11 09:36:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 56.53 Mbit/s

95th percentile per-packet one-way delay: 76.694 ms

Loss rate: 60.59%

-- Flow 1:

Average throughput: 44.14 Mbit/s

95th percentile per-packet one-way delay: 77.169 ms

Loss rate: 64.03%

-- Flow 2:

Average throughput: 16.61 Mbit/s

95th percentile per-packet one-way delay: 75.417 ms

Loss rate: 41.24%

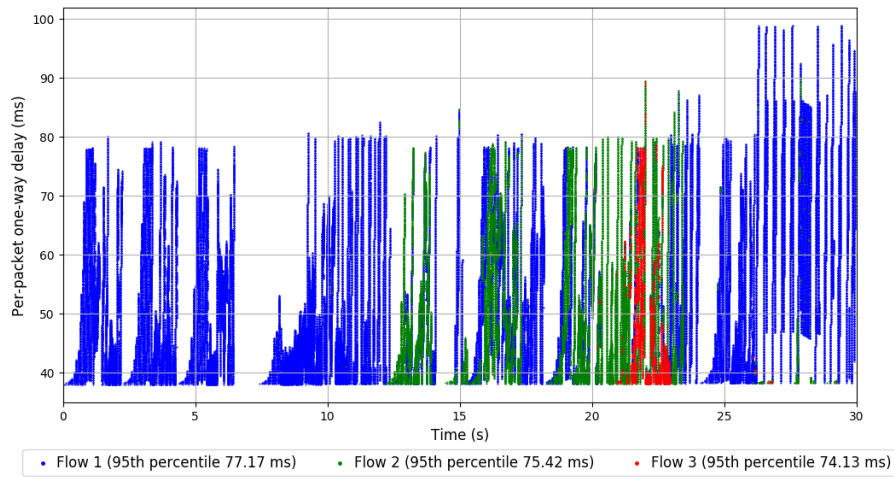
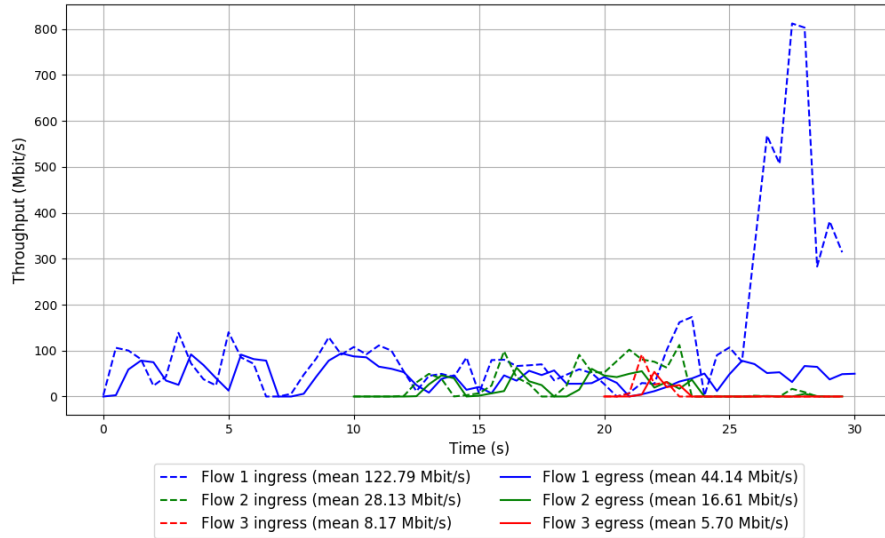
-- Flow 3:

Average throughput: 5.70 Mbit/s

95th percentile per-packet one-way delay: 74.130 ms

Loss rate: 33.71%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-12-11 08:21:27
End at: 2019-12-11 08:21:57
Local clock offset: 1.037 ms
Remote clock offset: -18.757 ms

Below is generated by plot.py at 2019-12-11 09:36:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 60.71 Mbit/s
95th percentile per-packet one-way delay: 71.634 ms
Loss rate: 42.90%

-- Flow 1:

Average throughput: 31.46 Mbit/s
95th percentile per-packet one-way delay: 70.986 ms
Loss rate: 33.10%

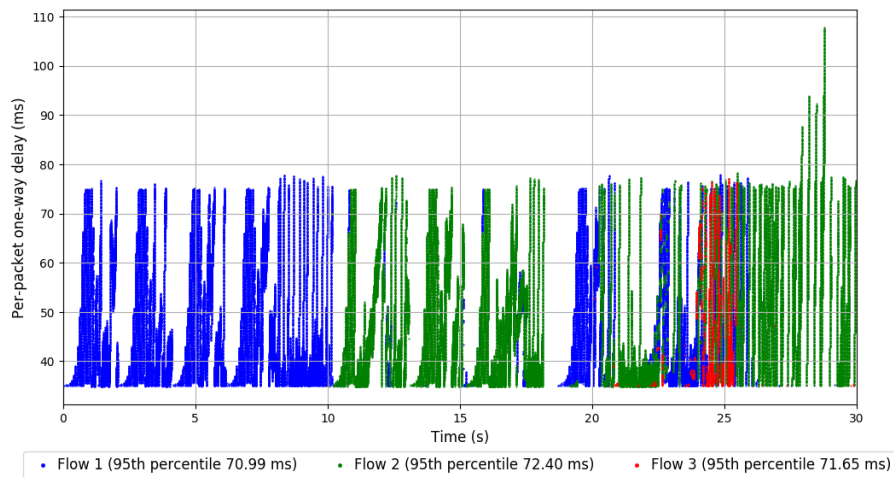
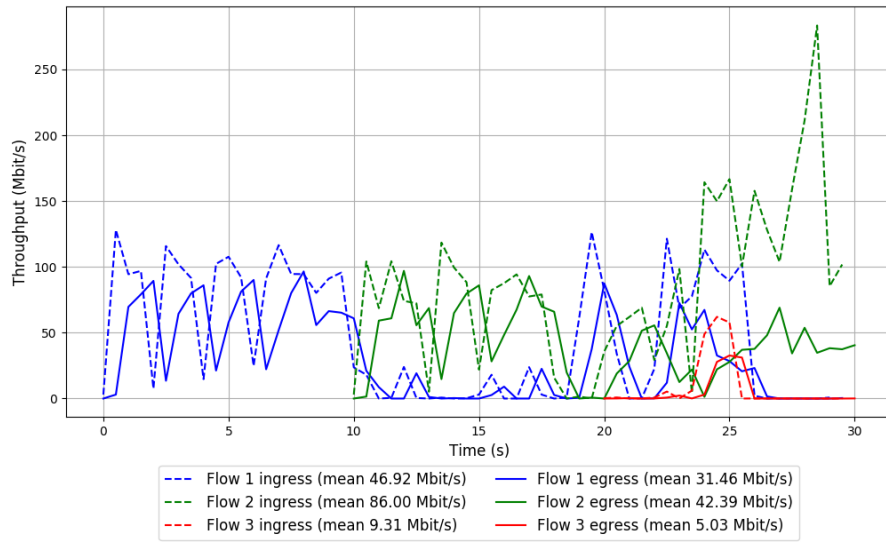
-- Flow 2:

Average throughput: 42.39 Mbit/s
95th percentile per-packet one-way delay: 72.401 ms
Loss rate: 50.65%

-- Flow 3:

Average throughput: 5.03 Mbit/s
95th percentile per-packet one-way delay: 71.646 ms
Loss rate: 46.05%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-12-11 08:50:56
End at: 2019-12-11 08:51:26
Local clock offset: -1.712 ms
Remote clock offset: -8.188 ms

Below is generated by plot.py at 2019-12-11 09:36:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 67.59 Mbit/s
95th percentile per-packet one-way delay: 69.945 ms
Loss rate: 33.78%

-- Flow 1:

Average throughput: 37.91 Mbit/s
95th percentile per-packet one-way delay: 69.477 ms
Loss rate: 26.72%

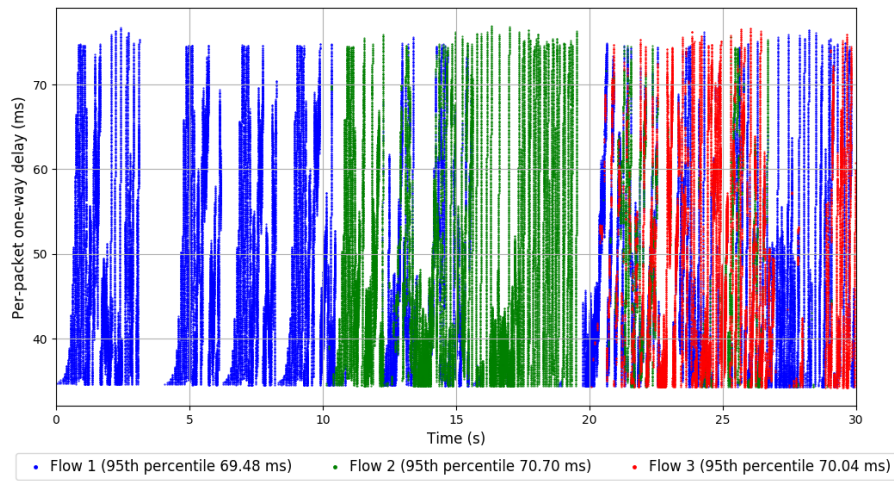
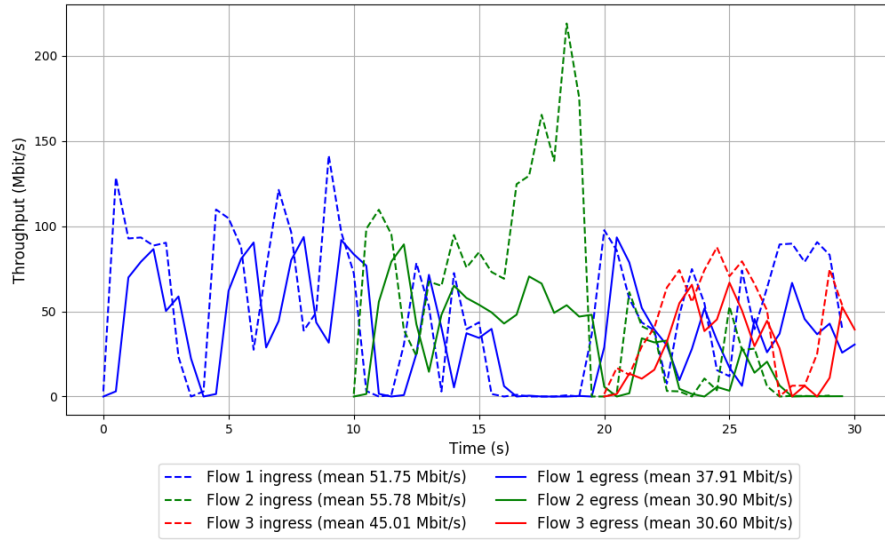
-- Flow 2:

Average throughput: 30.90 Mbit/s
95th percentile per-packet one-way delay: 70.696 ms
Loss rate: 44.85%

-- Flow 3:

Average throughput: 30.60 Mbit/s
95th percentile per-packet one-way delay: 70.038 ms
Loss rate: 31.83%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-12-11 06:52:24

End at: 2019-12-11 06:52:54

Local clock offset: 1.266 ms

Remote clock offset: 4.936 ms

Below is generated by plot.py at 2019-12-11 09:36:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.34 Mbit/s

95th percentile per-packet one-way delay: 49.612 ms

Loss rate: 2.13%

-- Flow 1:

Average throughput: 50.41 Mbit/s

95th percentile per-packet one-way delay: 48.380 ms

Loss rate: 1.21%

-- Flow 2:

Average throughput: 19.37 Mbit/s

95th percentile per-packet one-way delay: 54.826 ms

Loss rate: 1.90%

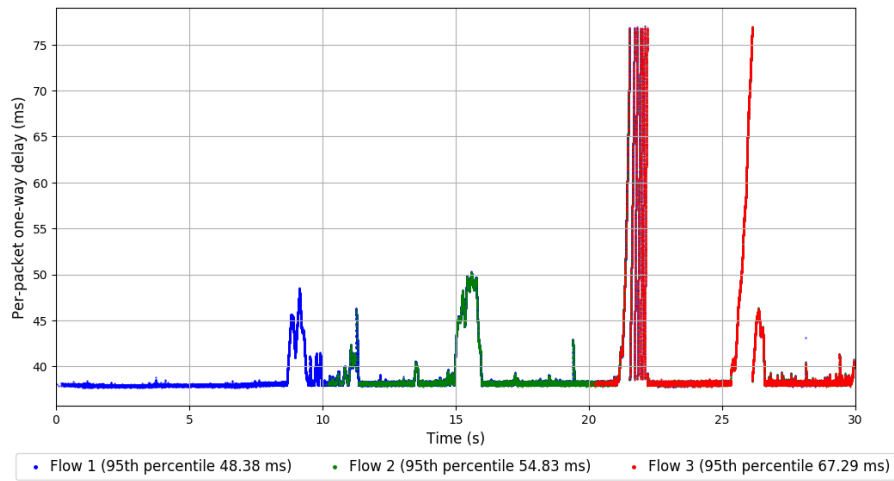
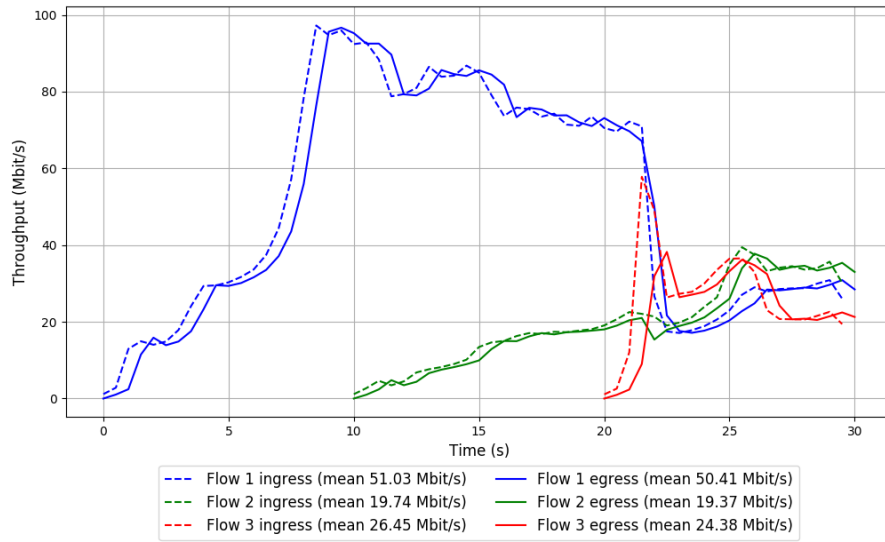
-- Flow 3:

Average throughput: 24.38 Mbit/s

95th percentile per-packet one-way delay: 67.289 ms

Loss rate: 7.82%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-12-11 07:26:56

End at: 2019-12-11 07:27:26

Local clock offset: 1.334 ms

Remote clock offset: 5.2 ms

Below is generated by plot.py at 2019-12-11 09:36:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 61.90 Mbit/s

95th percentile per-packet one-way delay: 58.621 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 41.11 Mbit/s

95th percentile per-packet one-way delay: 51.689 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 28.12 Mbit/s

95th percentile per-packet one-way delay: 60.096 ms

Loss rate: 0.00%

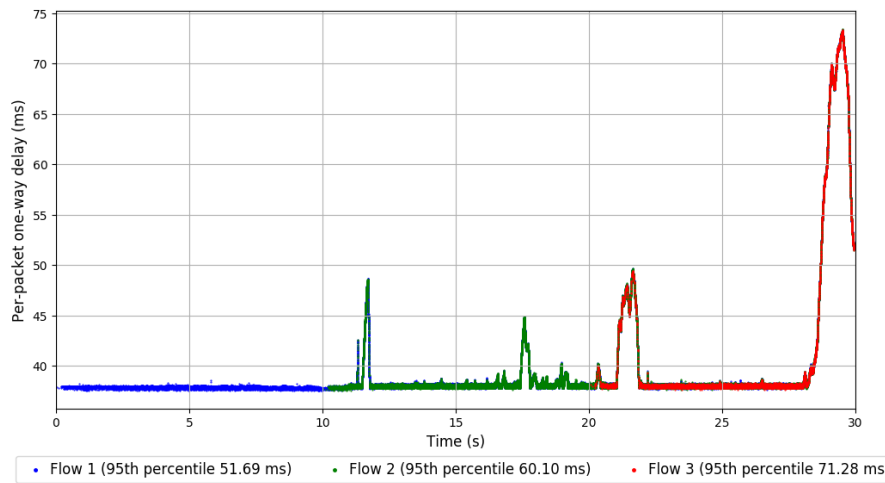
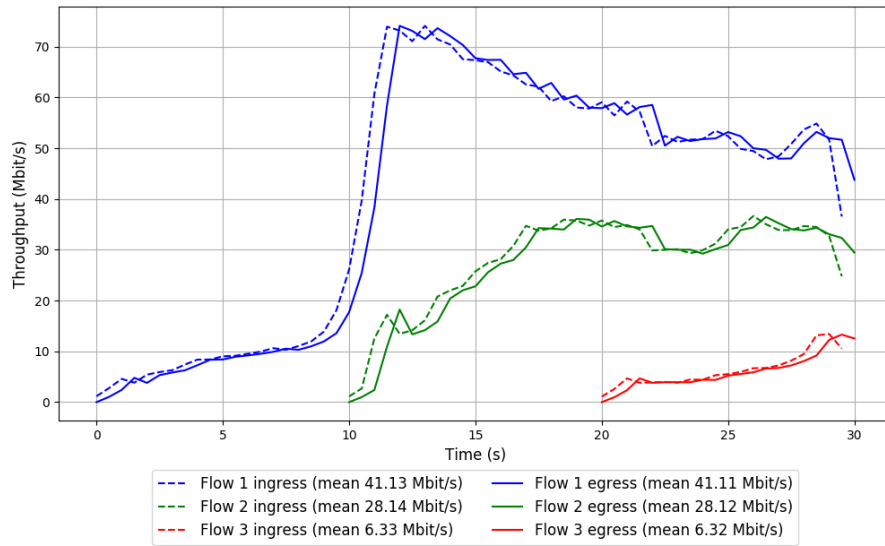
-- Flow 3:

Average throughput: 6.32 Mbit/s

95th percentile per-packet one-way delay: 71.280 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

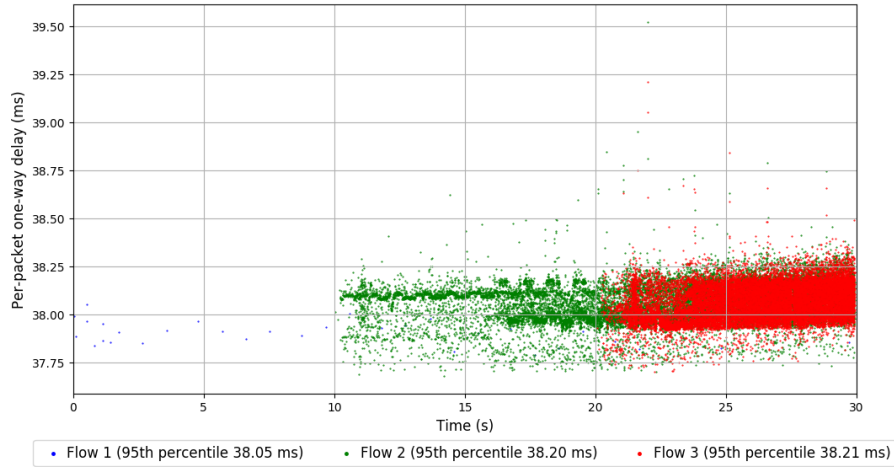
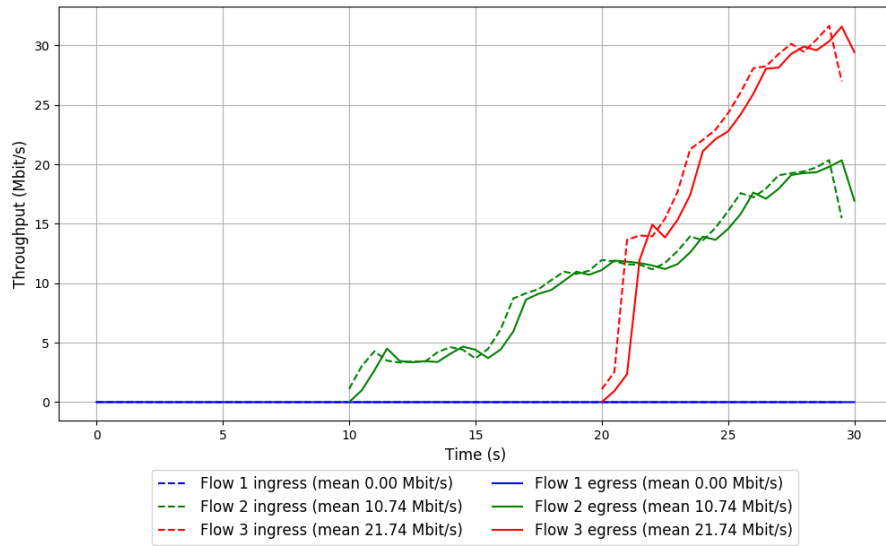


Run 3: Statistics of PCC-Vivace

Start at: 2019-12-11 08:07:55
End at: 2019-12-11 08:08:25
Local clock offset: 1.239 ms
Remote clock offset: -14.28 ms

```
# Below is generated by plot.py at 2019-12-11 09:36:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.32 Mbit/s
95th percentile per-packet one-way delay: 38.204 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 38.051 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.74 Mbit/s
95th percentile per-packet one-way delay: 38.203 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.74 Mbit/s
95th percentile per-packet one-way delay: 38.206 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-12-11 08:39:55
End at: 2019-12-11 08:40:25
Local clock offset: 0.601 ms
Remote clock offset: -19.935 ms

Below is generated by plot.py at 2019-12-11 09:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.48 Mbit/s
95th percentile per-packet one-way delay: 53.114 ms
Loss rate: 0.00%

-- Flow 1:

Average throughput: 66.15 Mbit/s
95th percentile per-packet one-way delay: 52.384 ms
Loss rate: 0.00%

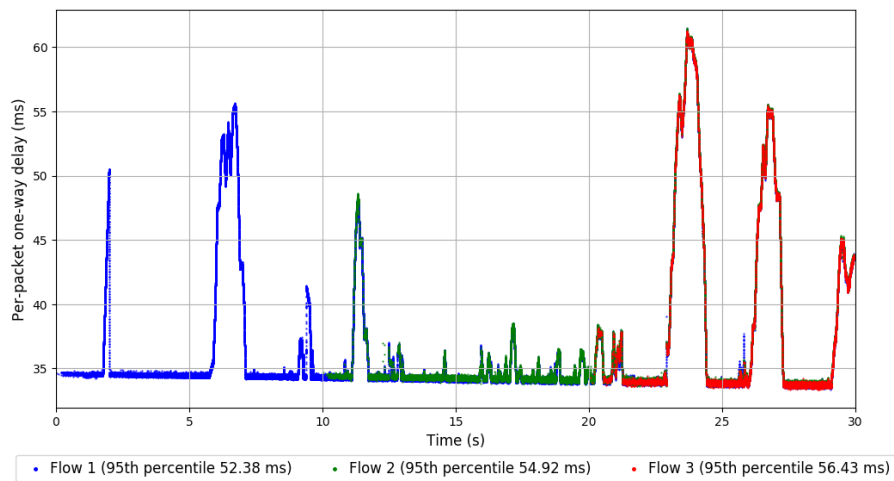
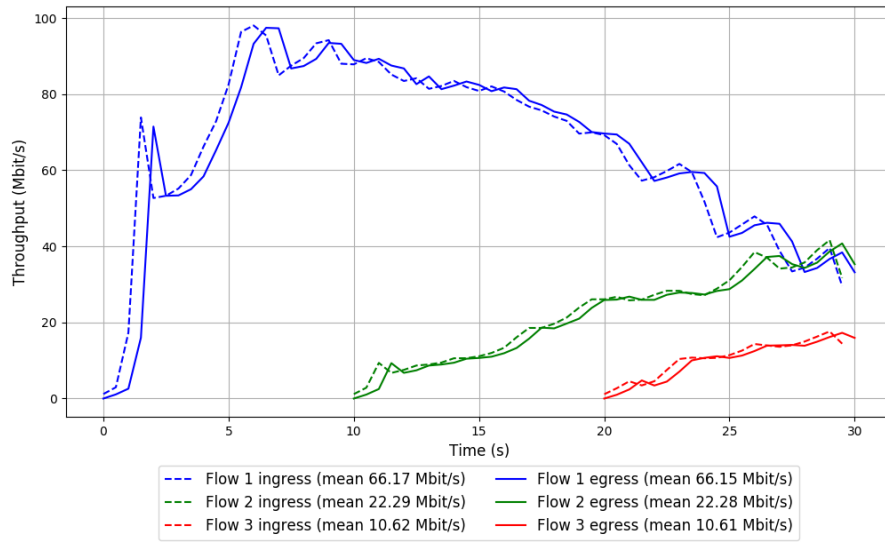
-- Flow 2:

Average throughput: 22.28 Mbit/s
95th percentile per-packet one-way delay: 54.924 ms
Loss rate: 0.00%

-- Flow 3:

Average throughput: 10.61 Mbit/s
95th percentile per-packet one-way delay: 56.426 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-12-11 09:09:53
End at: 2019-12-11 09:10:23
Local clock offset: -2.913 ms
Remote clock offset: -2.559 ms

Below is generated by plot.py at 2019-12-11 09:36:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.31 Mbit/s
95th percentile per-packet one-way delay: 39.476 ms
Loss rate: 0.00%

-- Flow 1:

Average throughput: 69.39 Mbit/s
95th percentile per-packet one-way delay: 39.444 ms
Loss rate: 0.00%

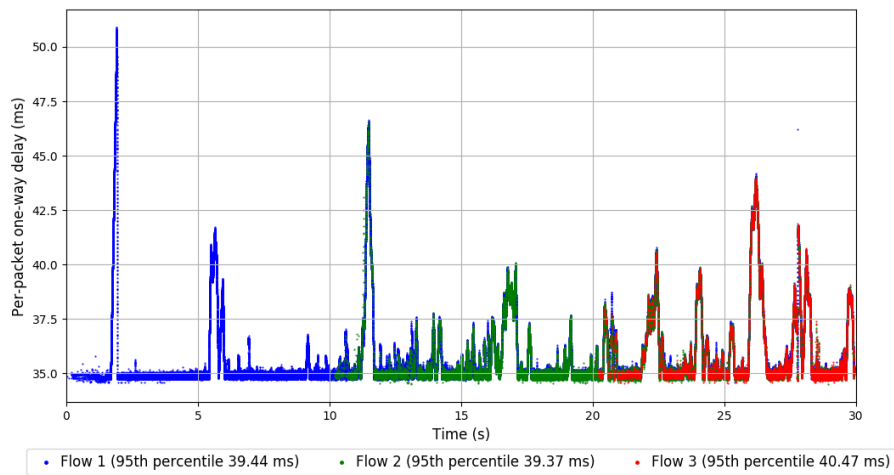
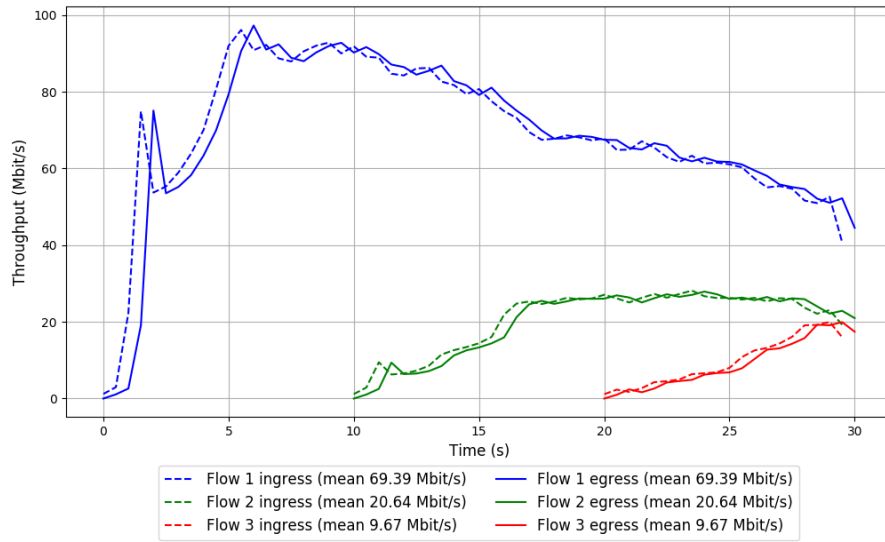
-- Flow 2:

Average throughput: 20.64 Mbit/s
95th percentile per-packet one-way delay: 39.365 ms
Loss rate: 0.00%

-- Flow 3:

Average throughput: 9.67 Mbit/s
95th percentile per-packet one-way delay: 40.470 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-12-11 06:53:44

End at: 2019-12-11 06:54:14

Local clock offset: 1.441 ms

Remote clock offset: 4.906 ms

Below is generated by plot.py at 2019-12-11 09:36:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.15 Mbit/s

95th percentile per-packet one-way delay: 38.584 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 38.561 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 38.603 ms

Loss rate: 0.00%

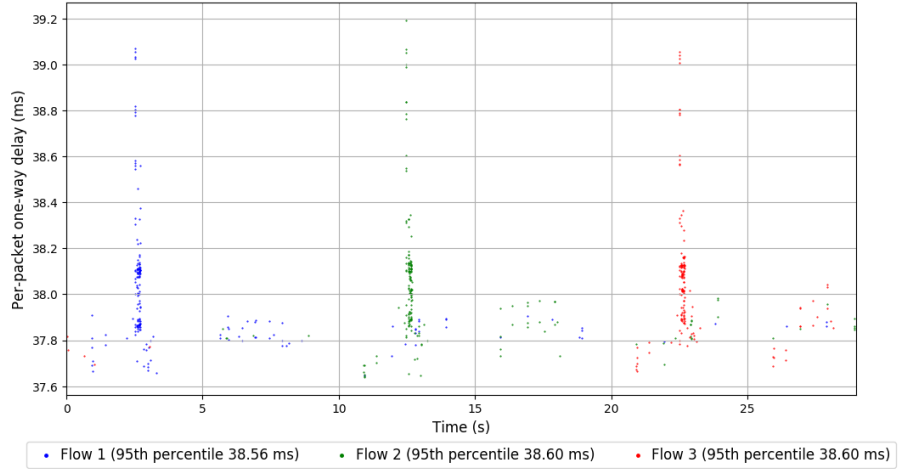
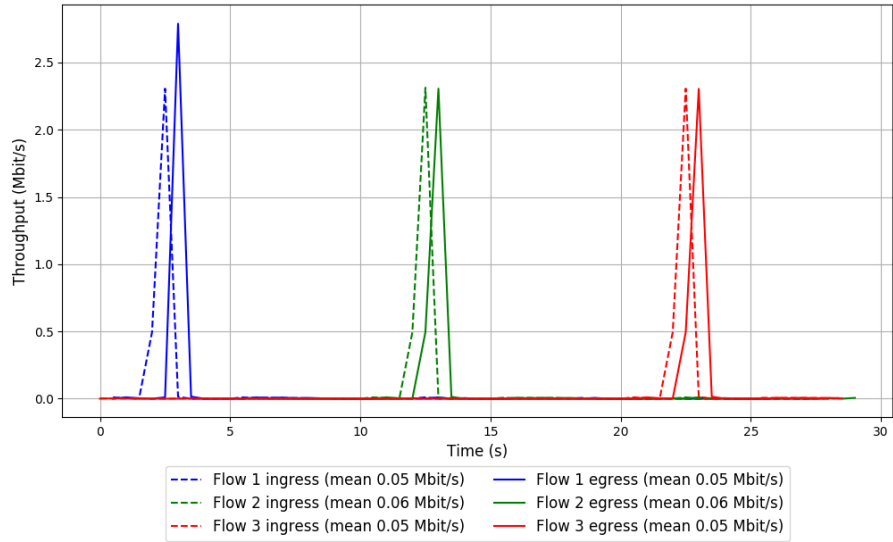
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 38.605 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-12-11 07:28:33

End at: 2019-12-11 07:29:03

Local clock offset: 1.34 ms

Remote clock offset: 5.166 ms

Below is generated by plot.py at 2019-12-11 09:36:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.15 Mbit/s

95th percentile per-packet one-way delay: 38.483 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 38.528 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 38.549 ms

Loss rate: 0.00%

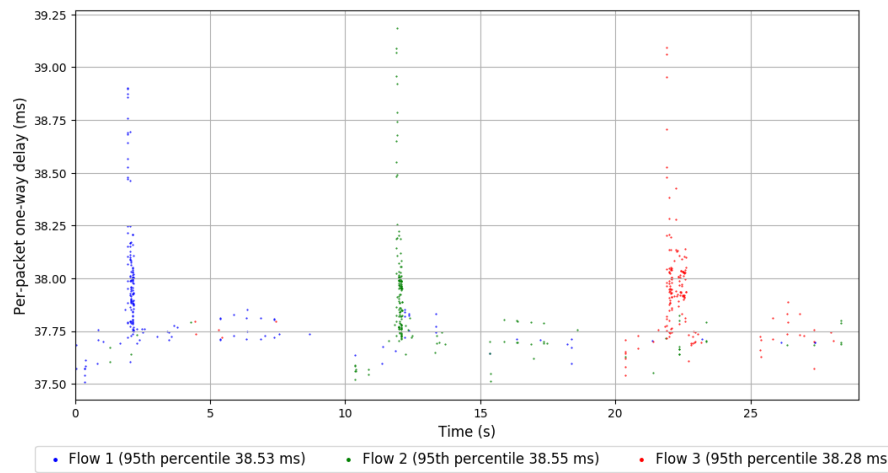
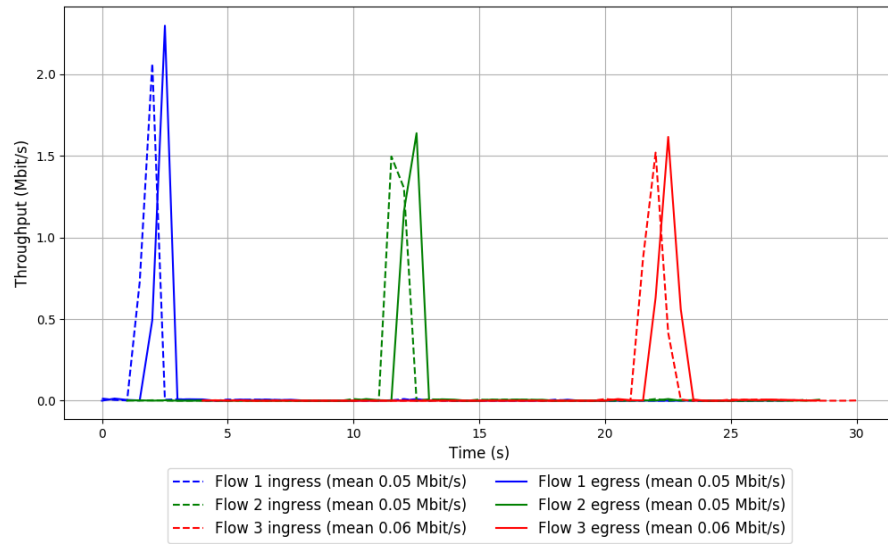
-- Flow 3:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 38.282 ms

Loss rate: 0.05%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-12-11 08:09:15
End at: 2019-12-11 08:09:45
Local clock offset: 1.224 ms
Remote clock offset: -14.659 ms

Below is generated by plot.py at 2019-12-11 09:36:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 38.604 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 38.556 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 38.713 ms

Loss rate: 0.00%

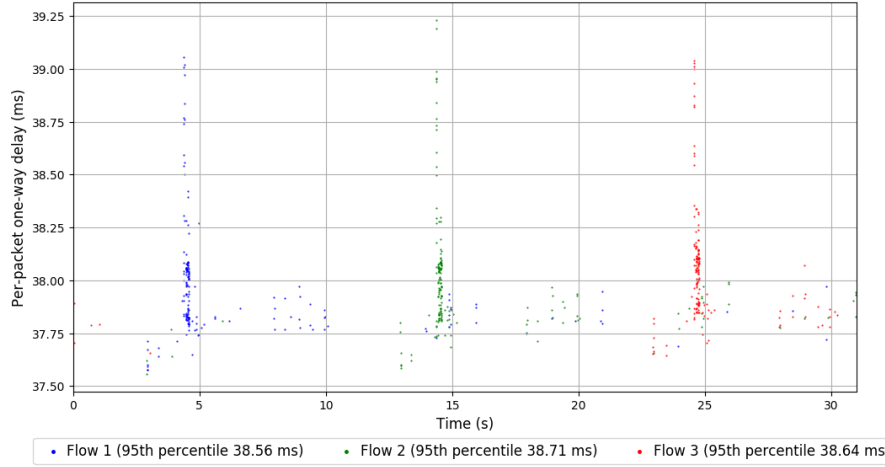
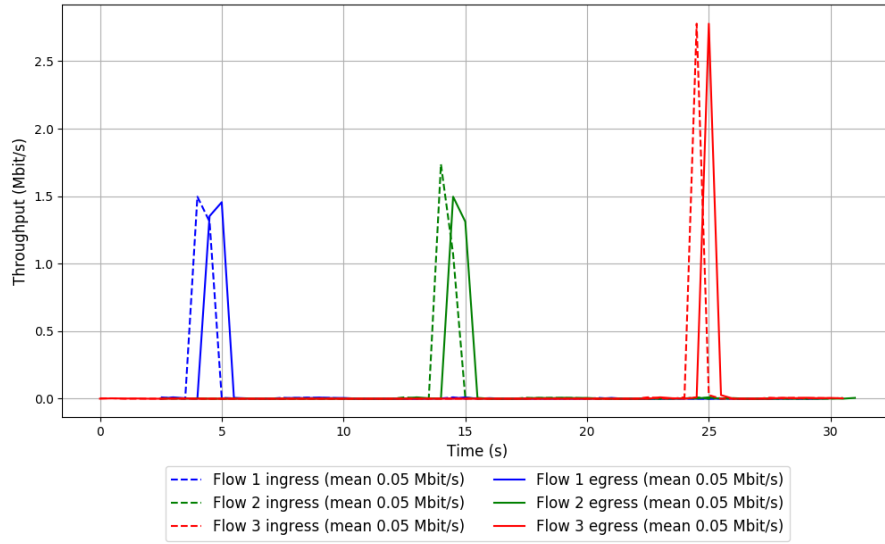
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 38.636 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

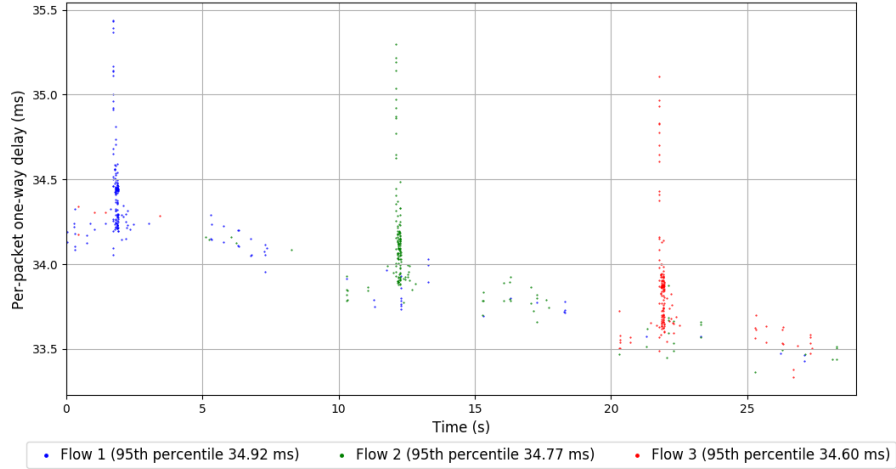
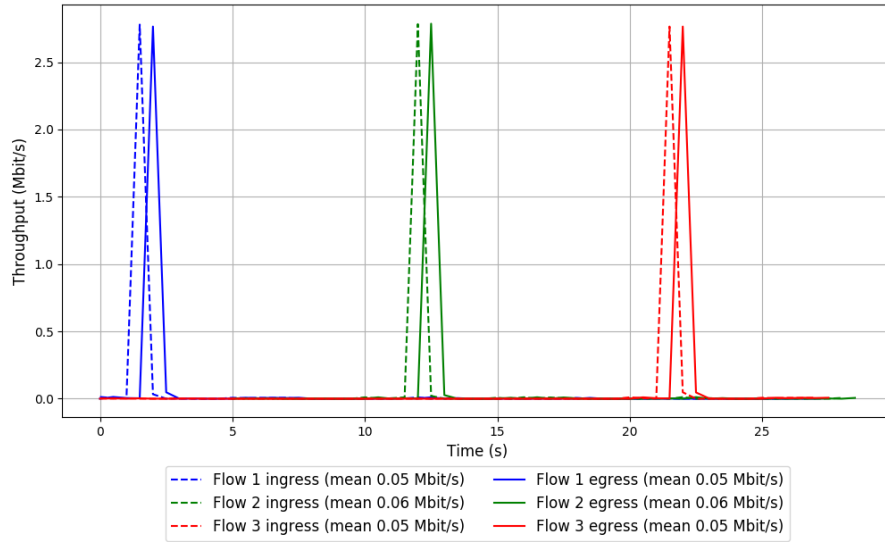


Run 4: Statistics of WebRTC media

Start at: 2019-12-11 08:41:12
End at: 2019-12-11 08:41:42
Local clock offset: 0.126 ms
Remote clock offset: -18.029 ms

```
# Below is generated by plot.py at 2019-12-11 09:36:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 34.777 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.922 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 34.770 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.603 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-12-11 09:11:16
End at: 2019-12-11 09:11:46
Local clock offset: -2.798 ms
Remote clock offset: -2.276 ms

```
# Below is generated by plot.py at 2019-12-11 09:36:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 35.573 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 35.537 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 35.544 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 35.705 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

