

Pantheon Report

Generated at 2020-02-18 03:49:03 (UTC).

Data path: AWS Brazil 1 on `ens5` (*local*) → Brazil on `p4p1` (*remote*).

Repeated the test of 24 congestion control schemes 5 times.

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

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

System info:

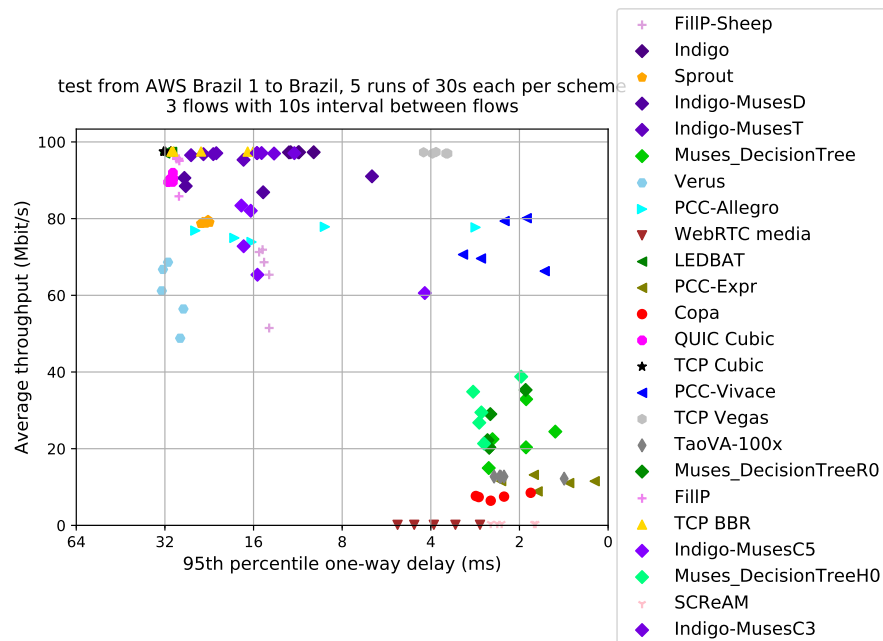
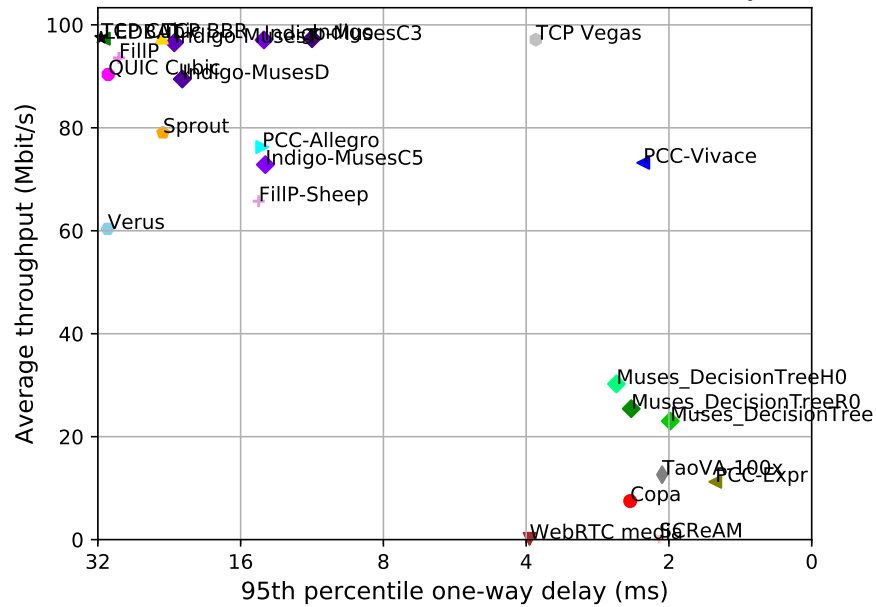
```
Linux 4.15.0-1056-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

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

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

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



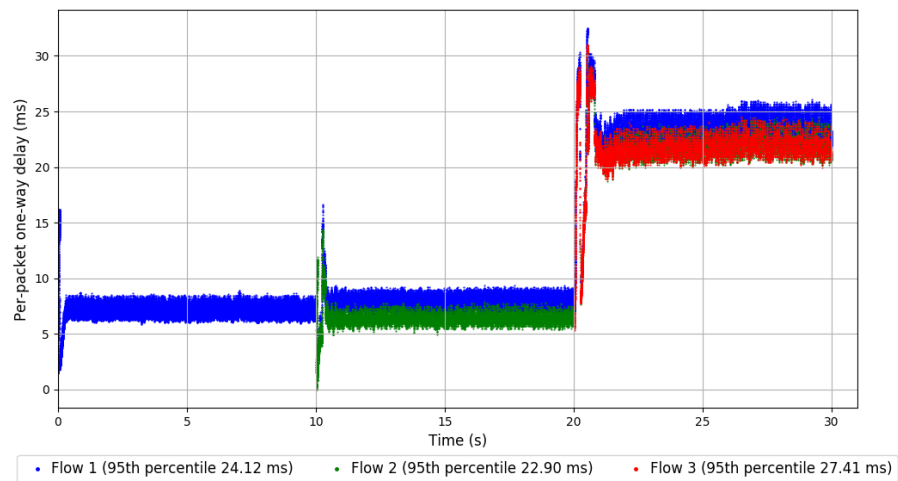
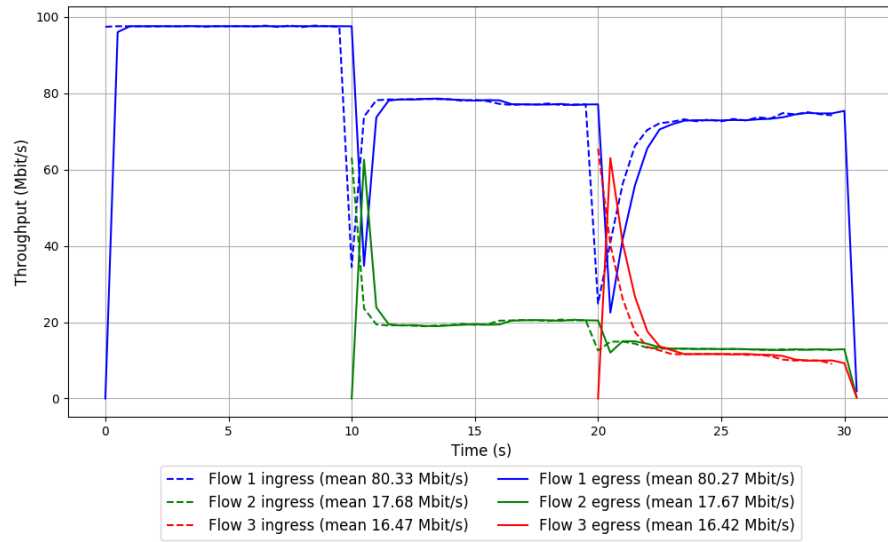
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	70.97	33.08	13.49	23.37	22.22	24.57	0.01	0.01	0.10
Copa	5	0.00	9.27	7.03	1.66	2.68	1.63	97.63	60.38	68.50
TCP Cubic	5	64.06	34.92	30.67	31.53	31.08	30.87	0.04	0.04	0.05
FillP	5	46.90	50.50	39.45	27.36	29.06	29.20	8.21	17.50	35.02
FillP-Sheep	5	48.81	14.31	22.43	12.94	17.74	22.67	0.85	2.21	4.05
Indigo	5	44.04	48.66	64.40	10.21	11.03	11.57	0.00	0.00	0.00
Indigo-MusesC3	5	49.53	53.26	44.23	12.76	15.01	12.49	0.00	0.00	0.01
Indigo-MusesC5	5	40.35	34.89	33.28	13.52	14.04	15.75	0.01	0.00	0.00
Indigo-MusesD	5	59.55	28.81	37.96	19.74	20.89	23.00	0.06	0.37	0.54
Indigo-MusesT	5	61.28	42.79	25.91	20.34	22.61	25.04	0.02	0.09	0.23
LEDBAT	5	62.86	36.63	31.21	30.91	30.96	30.72	0.04	0.12	0.11
Muses_DecisionTree	5	9.98	11.33	17.00	1.71	1.13	1.78	0.00	0.00	0.00
Muses_DecisionTreeH0	5	13.29	12.40	26.83	1.70	2.29	2.00	0.00	0.00	0.00
Muses_DecisionTreeR0	5	11.95	11.21	18.59	1.87	1.28	1.62	0.00	0.00	0.00
PCC-Allegro	5	53.22	29.10	11.21	11.64	18.05	17.97	0.02	0.06	0.15
PCC-Expr	5	5.31	6.19	6.13	0.80	0.80	1.32	80.60	72.13	84.12
QUIC Cubic	5	57.80	35.10	28.06	30.05	30.20	29.51	0.15	0.19	0.25
SCReAM	5	0.22	0.22	0.22	0.95	1.54	1.82	0.00	0.00	0.00
Sprout	5	42.79	39.18	30.86	21.80	22.91	25.58	0.00	0.00	0.03
TaoVA-100x	5	9.15	4.54	5.24	1.77	3.29	2.26	77.00	91.54	92.06
TCP Vegas	5	50.69	43.13	53.23	2.88	3.22	4.10	0.00	0.00	0.01
Verus	5	34.27	26.93	24.60	26.42	31.36	32.31	5.90	19.13	23.04
PCC-Vivace	5	43.90	29.56	29.21	2.11	1.93	2.94	0.00	0.00	0.00
WebRTC media	5	0.06	0.07	0.20	3.50	3.15	4.39	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2020-02-18 01:42:22
End at: 2020-02-18 01:42:52
Local clock offset: -5.784 ms
Remote clock offset: -0.348 ms

Below is generated by plot.py at 2020-02-18 03:37:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 24.123 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 80.27 Mbit/s
95th percentile per-packet one-way delay: 24.120 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 17.67 Mbit/s
95th percentile per-packet one-way delay: 22.899 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.42 Mbit/s
95th percentile per-packet one-way delay: 27.407 ms
Loss rate: 0.15%

Run 1: Report of TCP BBR — Data Link

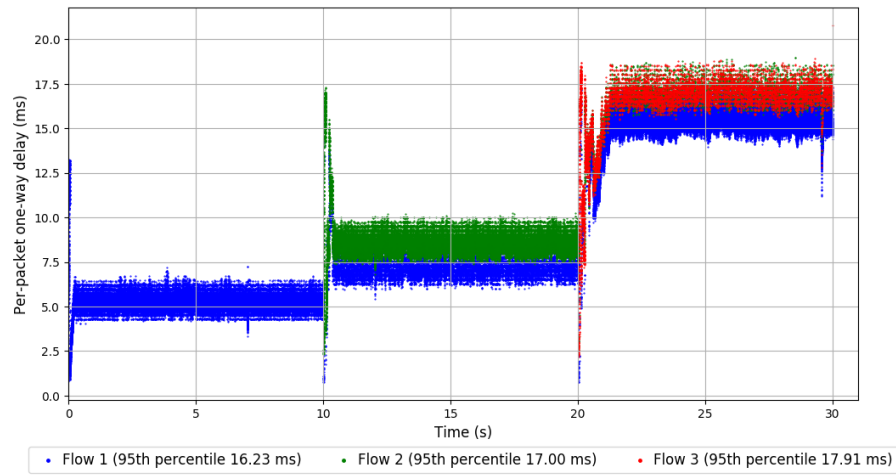
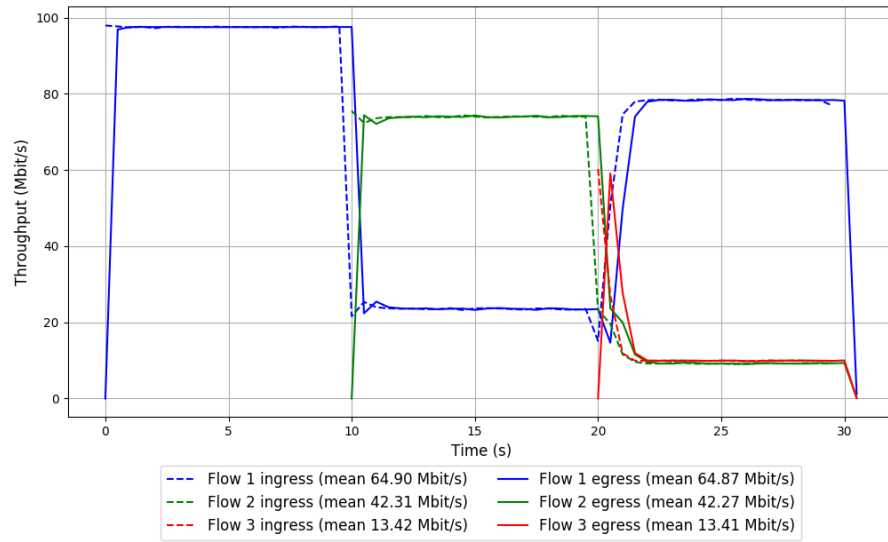


Run 2: Statistics of TCP BBR

Start at: 2020-02-18 02:09:39
End at: 2020-02-18 02:10:09
Local clock offset: -5.488 ms
Remote clock offset: -0.281 ms

Below is generated by plot.py at 2020-02-18 03:37:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 16.755 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.87 Mbit/s
95th percentile per-packet one-way delay: 16.229 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.27 Mbit/s
95th percentile per-packet one-way delay: 16.999 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 17.913 ms
Loss rate: 0.01%

Run 2: Report of TCP BBR — Data Link

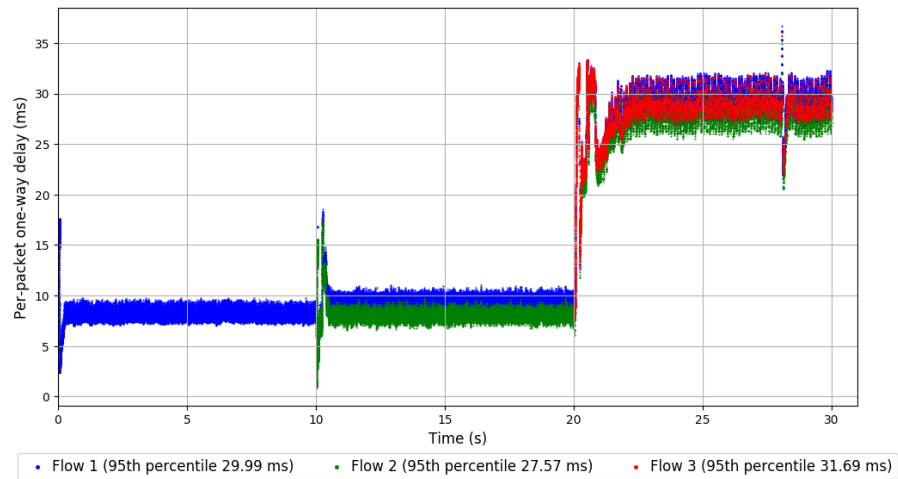
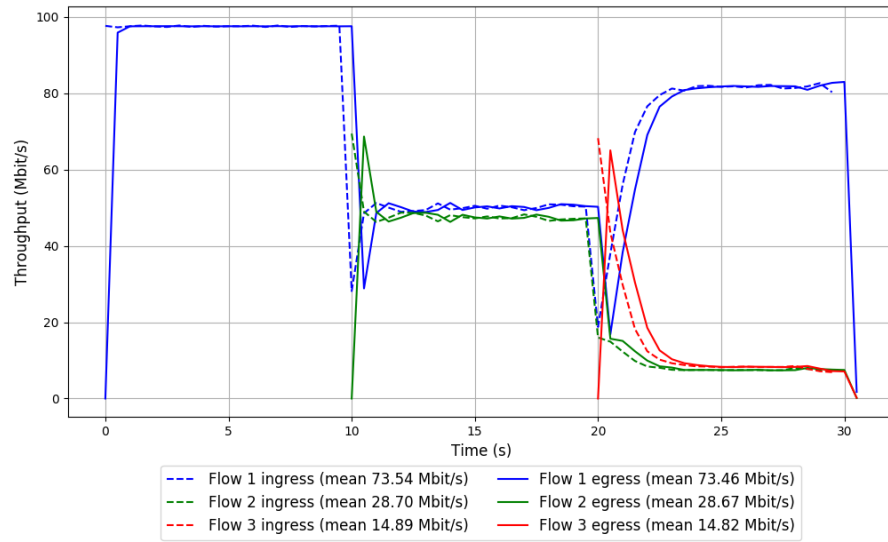


Run 3: Statistics of TCP BBR

Start at: 2020-02-18 02:36:54
End at: 2020-02-18 02:37:24
Local clock offset: -5.212 ms
Remote clock offset: -0.143 ms

Below is generated by plot.py at 2020-02-18 03:37:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.50 Mbit/s
95th percentile per-packet one-way delay: 29.955 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 73.46 Mbit/s
95th percentile per-packet one-way delay: 29.988 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 28.67 Mbit/s
95th percentile per-packet one-way delay: 27.566 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 14.82 Mbit/s
95th percentile per-packet one-way delay: 31.686 ms
Loss rate: 0.27%

Run 3: Report of TCP BBR — Data Link

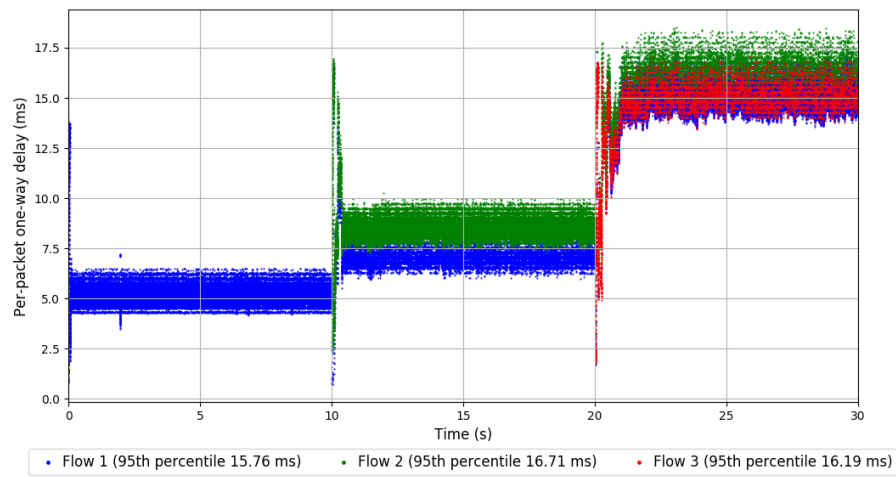
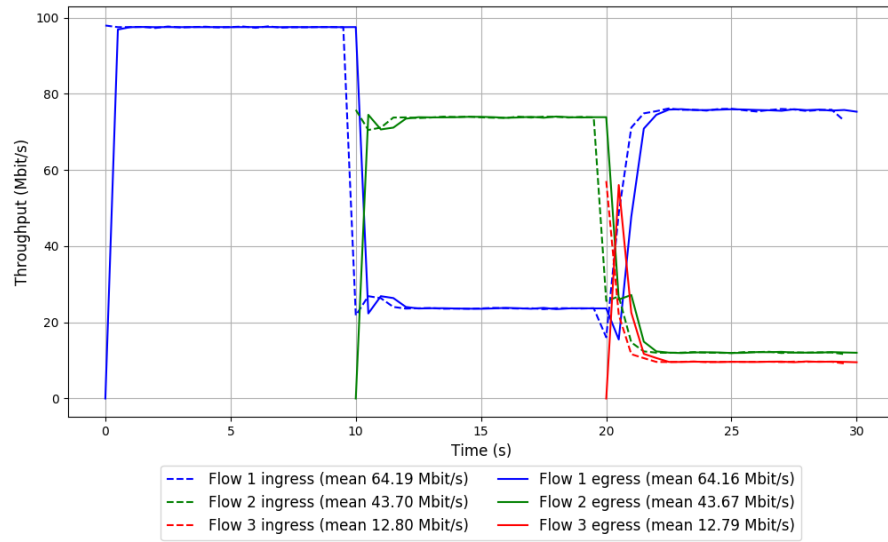


Run 4: Statistics of TCP BBR

Start at: 2020-02-18 03:04:09
End at: 2020-02-18 03:04:39
Local clock offset: -5.198 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2020-02-18 03:37:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 16.040 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.16 Mbit/s
95th percentile per-packet one-way delay: 15.760 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.67 Mbit/s
95th percentile per-packet one-way delay: 16.714 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.79 Mbit/s
95th percentile per-packet one-way delay: 16.193 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2020-02-18 03:31:37

End at: 2020-02-18 03:32:07

Local clock offset: -5.569 ms

Remote clock offset: 0.028 ms

Below is generated by plot.py at 2020-02-18 03:37:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.50 Mbit/s

95th percentile per-packet one-way delay: 30.391 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 72.11 Mbit/s

95th percentile per-packet one-way delay: 30.754 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 33.11 Mbit/s

95th percentile per-packet one-way delay: 26.900 ms

Loss rate: 0.01%

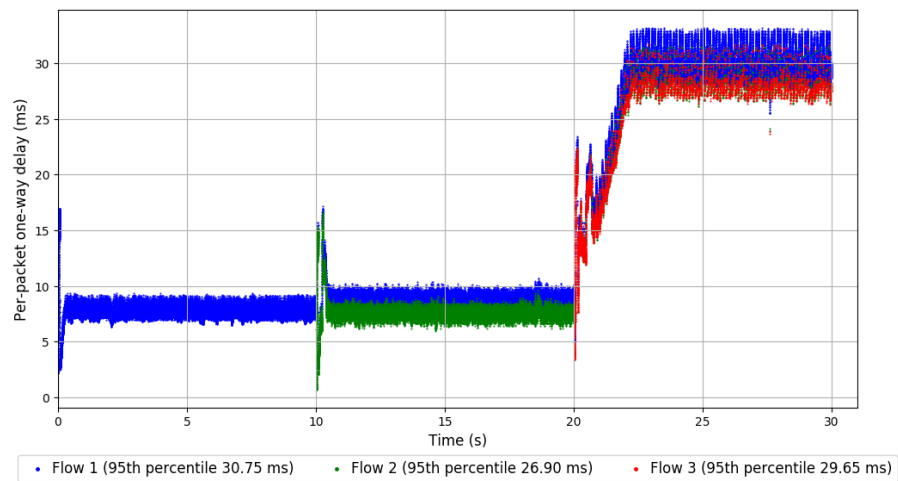
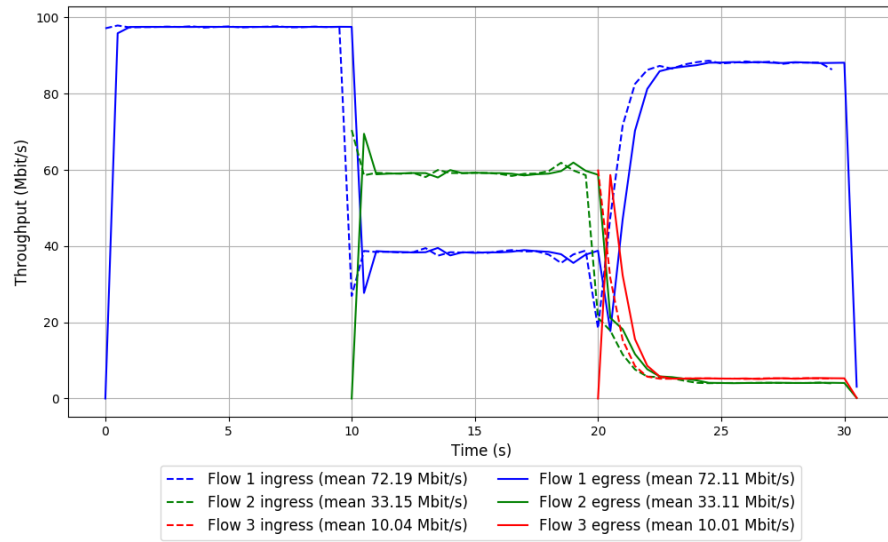
-- Flow 3:

Average throughput: 10.01 Mbit/s

95th percentile per-packet one-way delay: 29.646 ms

Loss rate: 0.05%

Run 5: Report of TCP BBR — Data Link

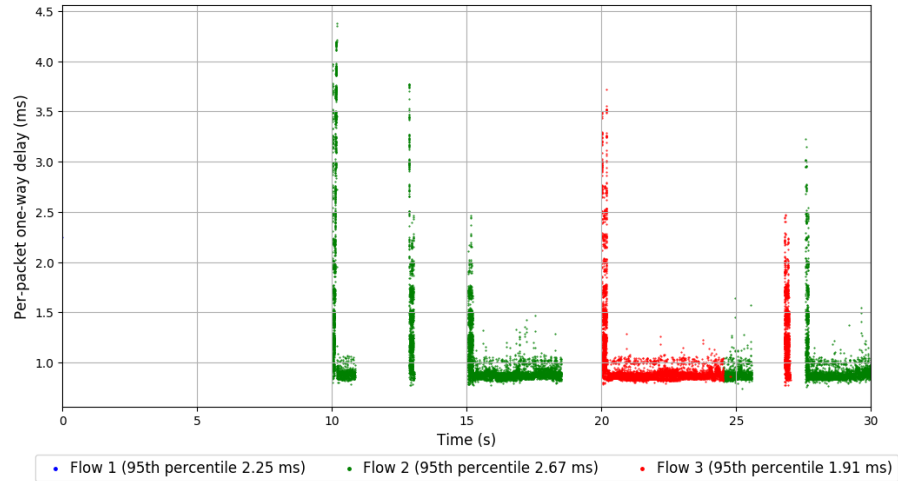
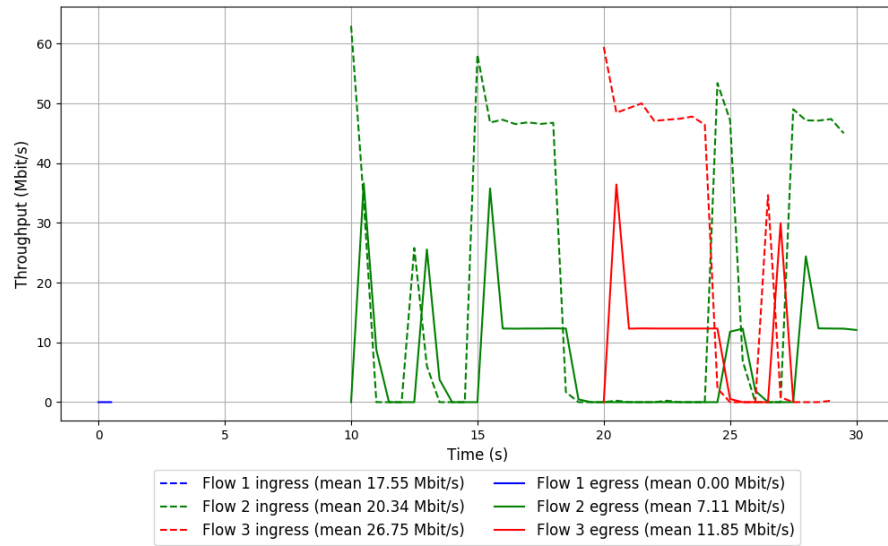


Run 1: Statistics of Copa

Start at: 2020-02-18 01:41:16
End at: 2020-02-18 01:41:46
Local clock offset: -6.542 ms
Remote clock offset: -0.302 ms

Below is generated by plot.py at 2020-02-18 03:37:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.50 Mbit/s
95th percentile per-packet one-way delay: 2.256 ms
Loss rate: 65.23%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.246 ms
Loss rate: 98.33%
-- Flow 2:
Average throughput: 7.11 Mbit/s
95th percentile per-packet one-way delay: 2.665 ms
Loss rate: 65.02%
-- Flow 3:
Average throughput: 11.85 Mbit/s
95th percentile per-packet one-way delay: 1.913 ms
Loss rate: 65.56%

Run 1: Report of Copa — Data Link

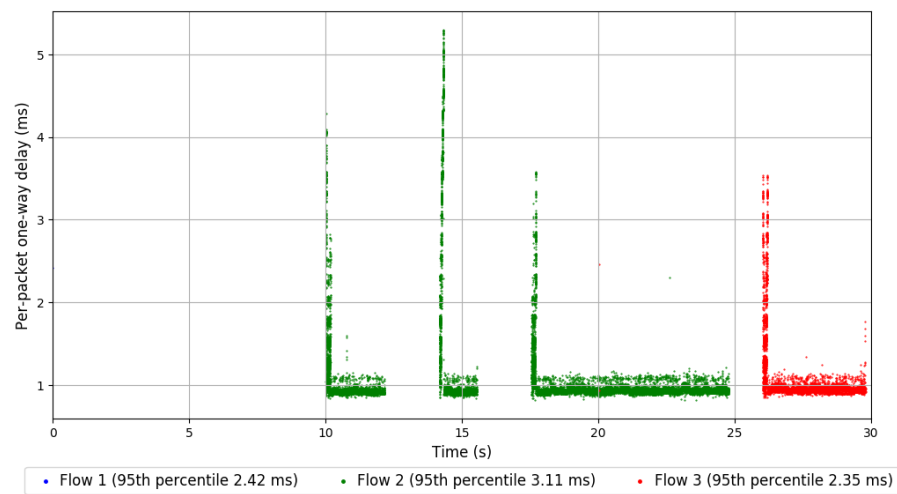
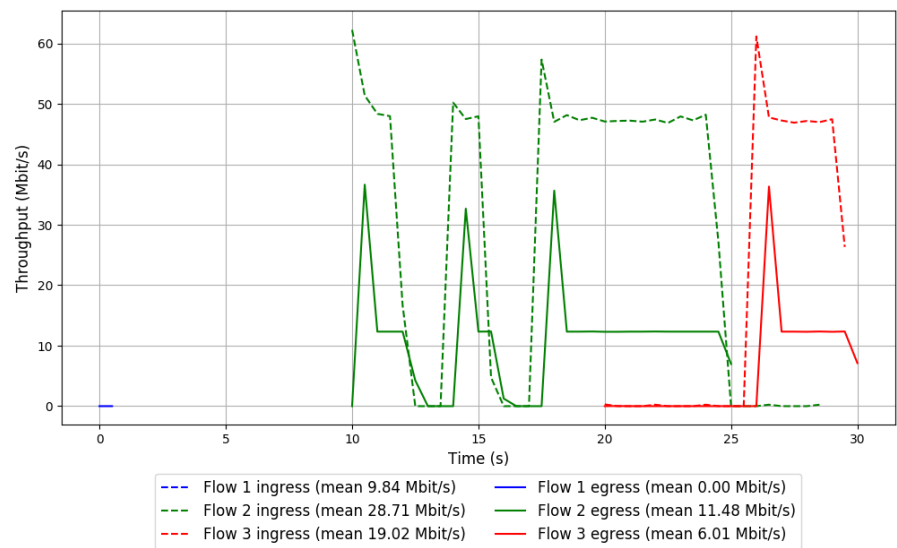


Run 2: Statistics of Copa

Start at: 2020-02-18 02:08:33
End at: 2020-02-18 02:09:03
Local clock offset: -5.553 ms
Remote clock offset: -0.213 ms

Below is generated by plot.py at 2020-02-18 03:37:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.66 Mbit/s
95th percentile per-packet one-way delay: 2.813 ms
Loss rate: 68.51%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.422 ms
Loss rate: 97.24%
-- Flow 2:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 3.108 ms
Loss rate: 68.54%
-- Flow 3:
Average throughput: 6.01 Mbit/s
95th percentile per-packet one-way delay: 2.345 ms
Loss rate: 68.42%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2020-02-18 02:35:49

End at: 2020-02-18 02:36:19

Local clock offset: -5.189 ms

Remote clock offset: -0.16 ms

Below is generated by plot.py at 2020-02-18 03:37:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 6.43 Mbit/s

95th percentile per-packet one-way delay: 2.504 ms

Loss rate: 53.68%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 1.024 ms

Loss rate: 95.92%

-- Flow 2:

Average throughput: 7.44 Mbit/s

95th percentile per-packet one-way delay: 2.705 ms

Loss rate: 45.85%

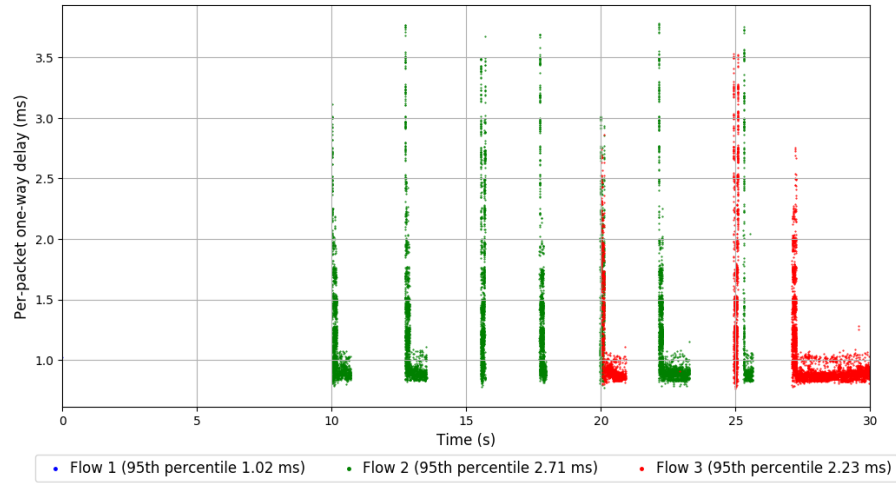
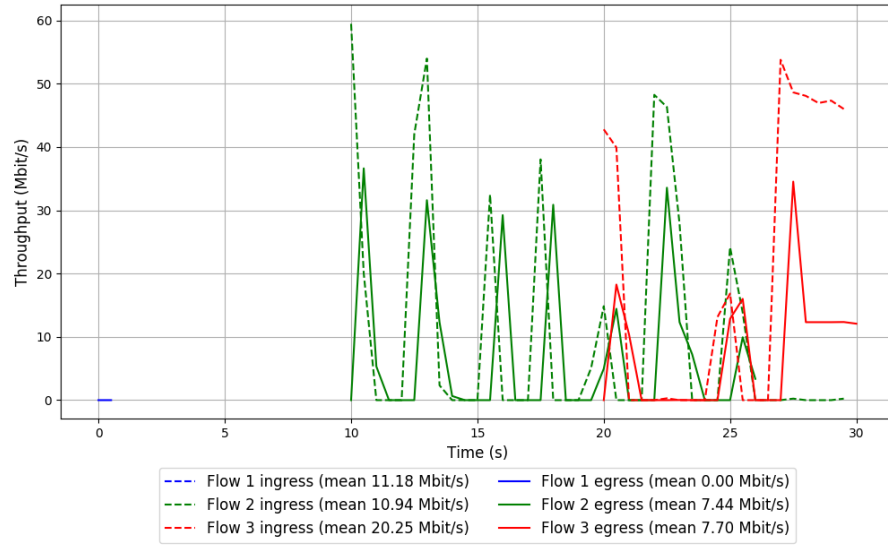
-- Flow 3:

Average throughput: 7.70 Mbit/s

95th percentile per-packet one-way delay: 2.226 ms

Loss rate: 61.99%

Run 3: Report of Copa — Data Link

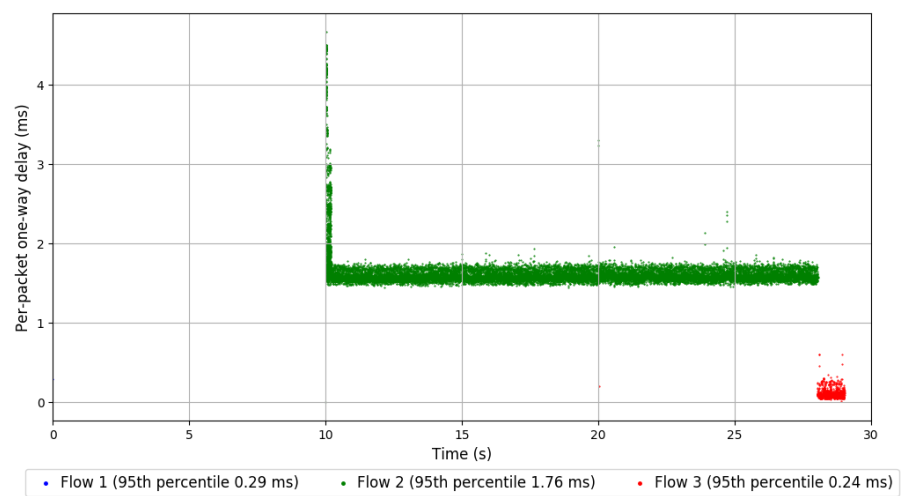
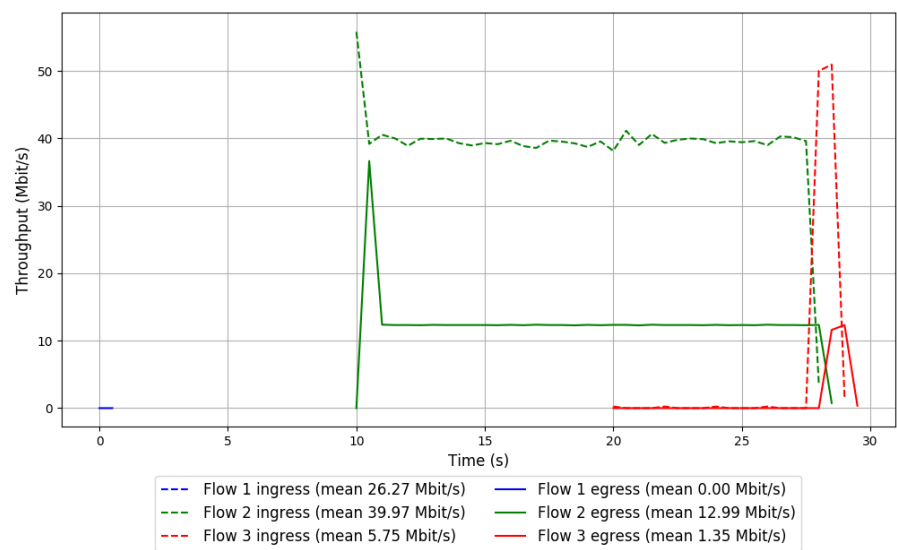


Run 4: Statistics of Copa

Start at: 2020-02-18 03:03:03
End at: 2020-02-18 03:03:33
Local clock offset: -4.534 ms
Remote clock offset: -0.173 ms

Below is generated by plot.py at 2020-02-18 03:37:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 1.746 ms
Loss rate: 68.12%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.287 ms
Loss rate: 98.33%
-- Flow 2:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 1.756 ms
Loss rate: 67.51%
-- Flow 3:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 0.237 ms
Loss rate: 76.51%

Run 4: Report of Copa — Data Link

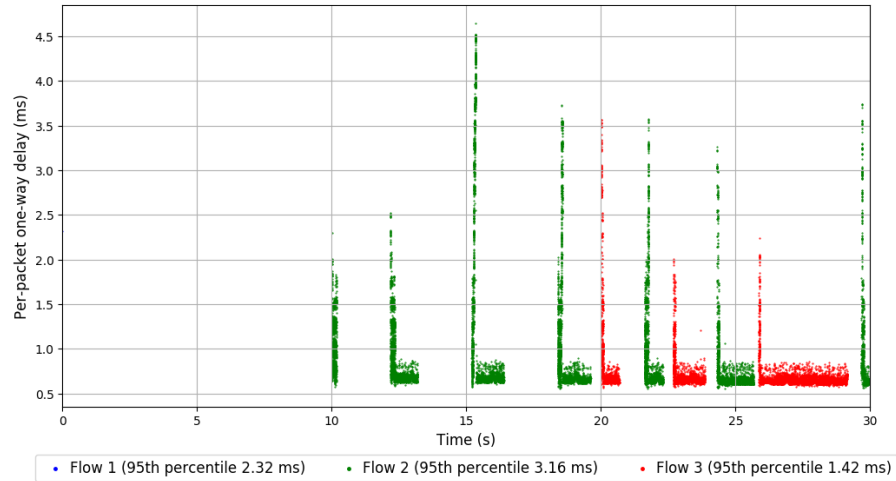
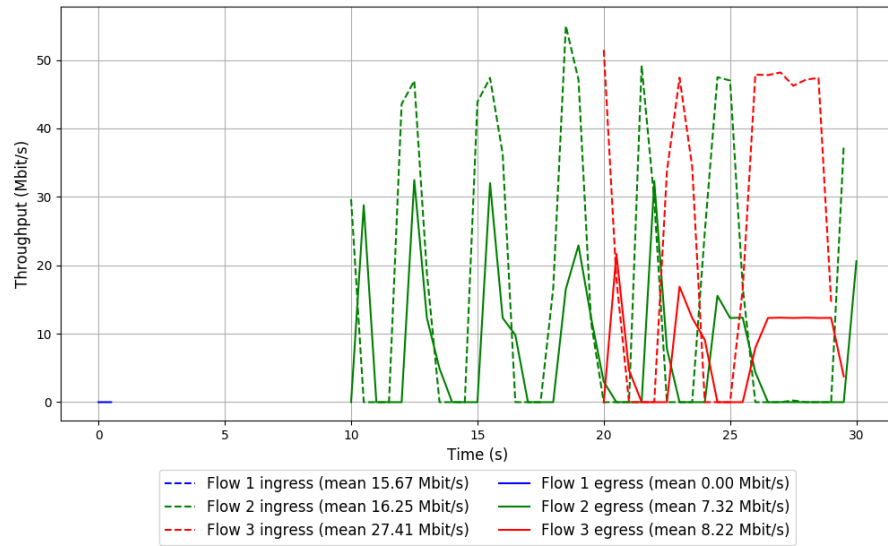


Run 5: Statistics of Copa

Start at: 2020-02-18 03:30:31
End at: 2020-02-18 03:31:01
Local clock offset: -5.439 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2020-02-18 03:37:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.38 Mbit/s
95th percentile per-packet one-way delay: 2.751 ms
Loss rate: 61.51%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.319 ms
Loss rate: 98.33%
-- Flow 2:
Average throughput: 7.32 Mbit/s
95th percentile per-packet one-way delay: 3.159 ms
Loss rate: 54.96%
-- Flow 3:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 1.423 ms
Loss rate: 70.00%

Run 5: Report of Copa — Data Link

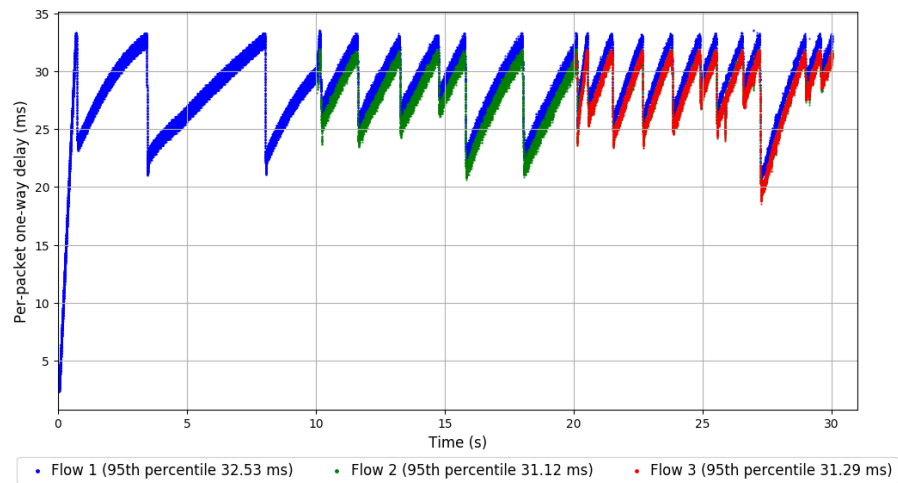
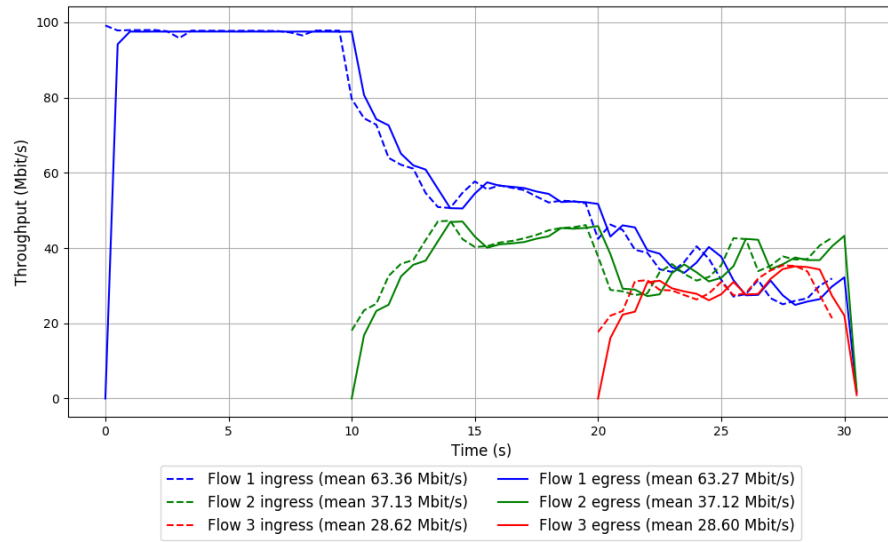


Run 1: Statistics of TCP Cubic

Start at: 2020-02-18 01:29:56
End at: 2020-02-18 01:30:26
Local clock offset: -6.017 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2020-02-18 03:37:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.299 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 63.27 Mbit/s
95th percentile per-packet one-way delay: 32.529 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 37.12 Mbit/s
95th percentile per-packet one-way delay: 31.119 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 28.60 Mbit/s
95th percentile per-packet one-way delay: 31.293 ms
Loss rate: 0.05%

Run 1: Report of TCP Cubic — Data Link

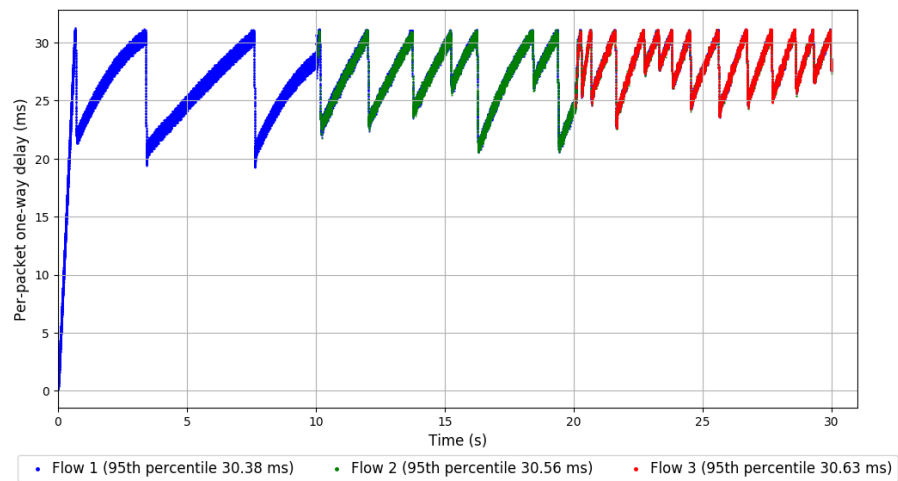
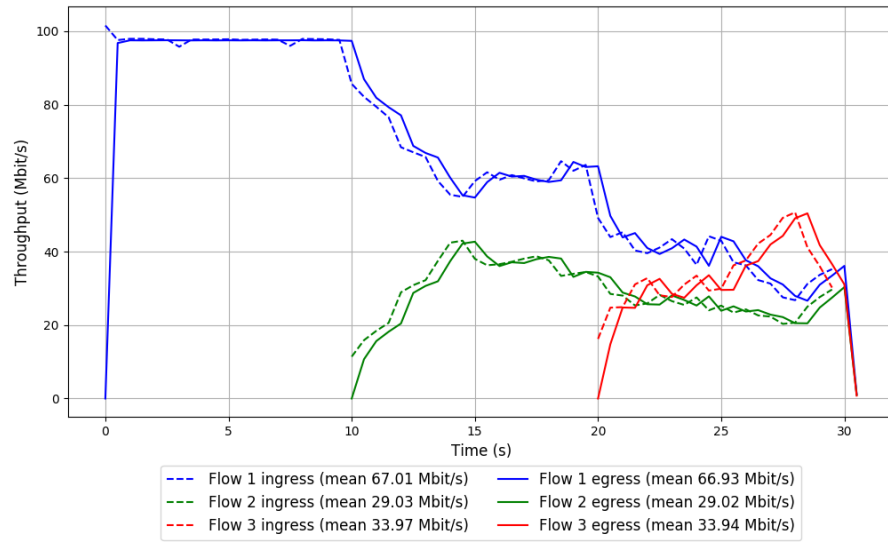


Run 2: Statistics of TCP Cubic

Start at: 2020-02-18 01:57:13
End at: 2020-02-18 01:57:43
Local clock offset: -6.292 ms
Remote clock offset: -0.275 ms

Below is generated by plot.py at 2020-02-18 03:37:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 30.546 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 66.93 Mbit/s
95th percentile per-packet one-way delay: 30.382 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 29.02 Mbit/s
95th percentile per-packet one-way delay: 30.562 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 30.629 ms
Loss rate: 0.05%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2020-02-18 02:24:28

End at: 2020-02-18 02:24:58

Local clock offset: -4.3 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2020-02-18 03:37:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 31.854 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 62.63 Mbit/s

95th percentile per-packet one-way delay: 31.852 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 38.47 Mbit/s

95th percentile per-packet one-way delay: 31.990 ms

Loss rate: 0.03%

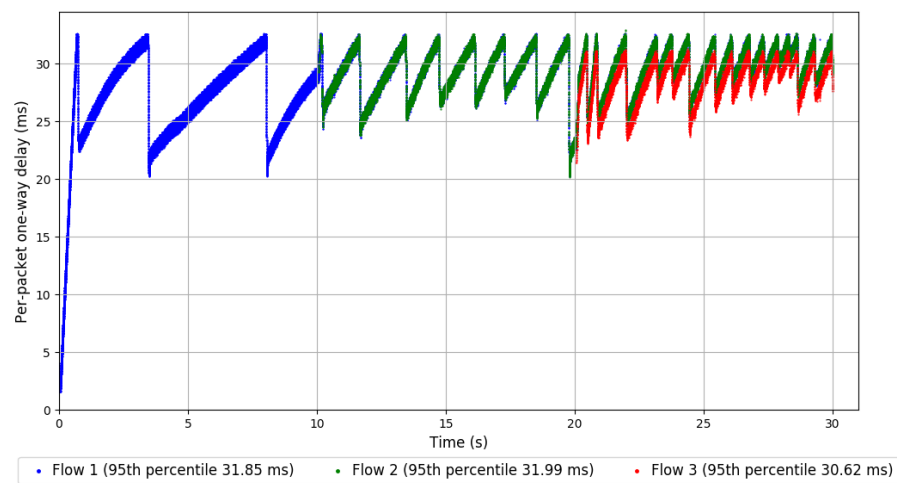
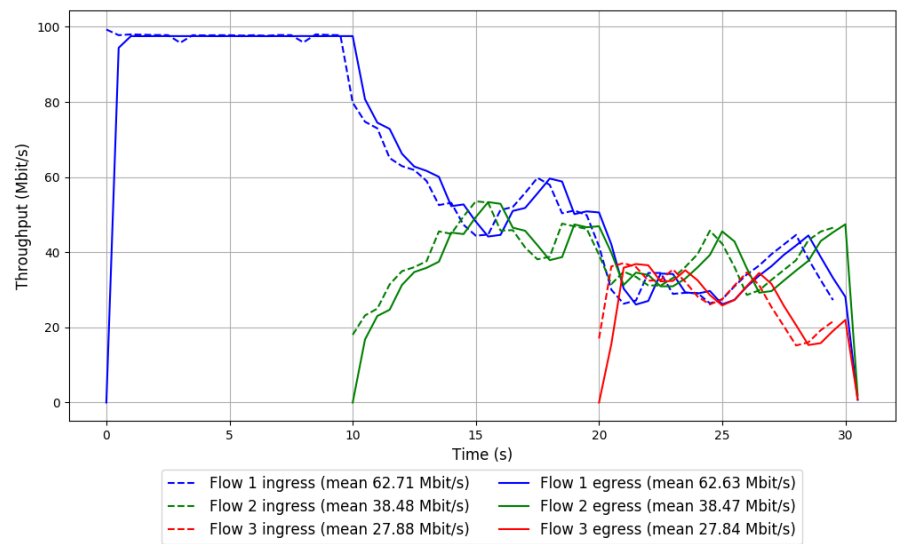
-- Flow 3:

Average throughput: 27.84 Mbit/s

95th percentile per-packet one-way delay: 30.624 ms

Loss rate: 0.07%

Run 3: Report of TCP Cubic — Data Link

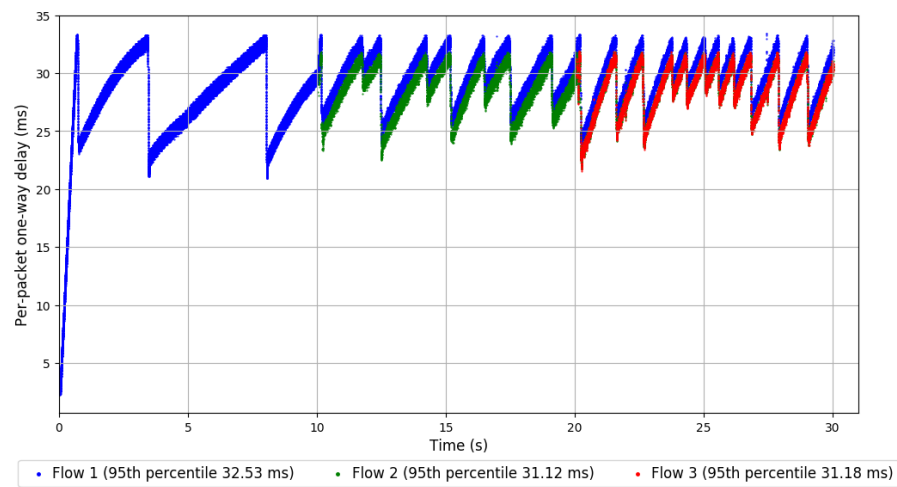
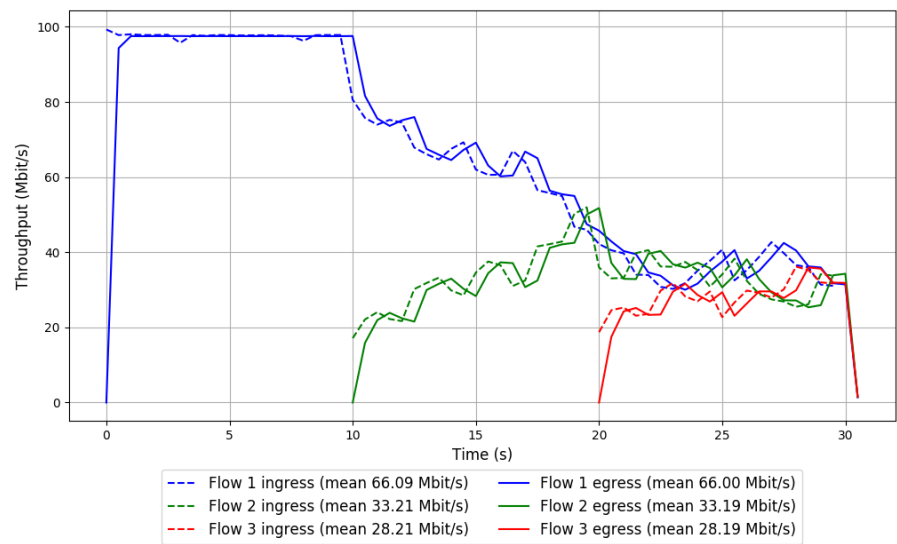


Run 4: Statistics of TCP Cubic

Start at: 2020-02-18 02:51:43
End at: 2020-02-18 02:52:13
Local clock offset: -5.295 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2020-02-18 03:38:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.316 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 66.00 Mbit/s
95th percentile per-packet one-way delay: 32.535 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 31.125 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 28.19 Mbit/s
95th percentile per-packet one-way delay: 31.176 ms
Loss rate: 0.05%

Run 4: Report of TCP Cubic — Data Link

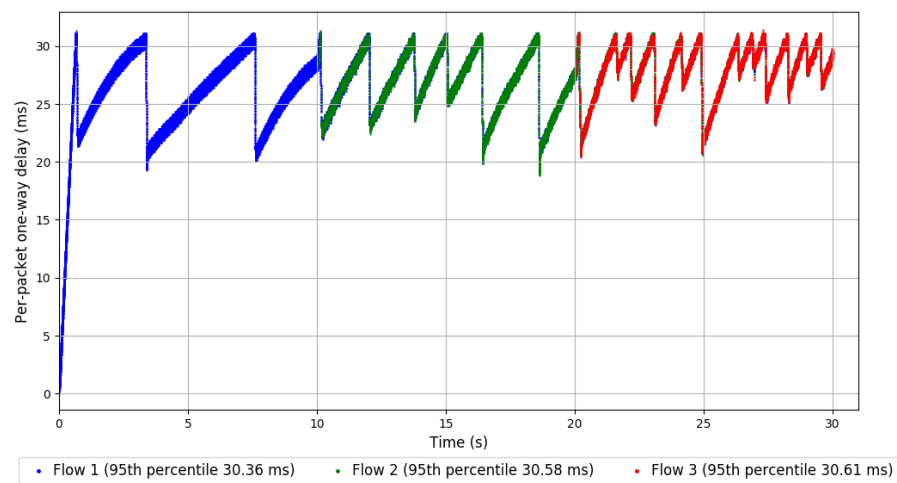
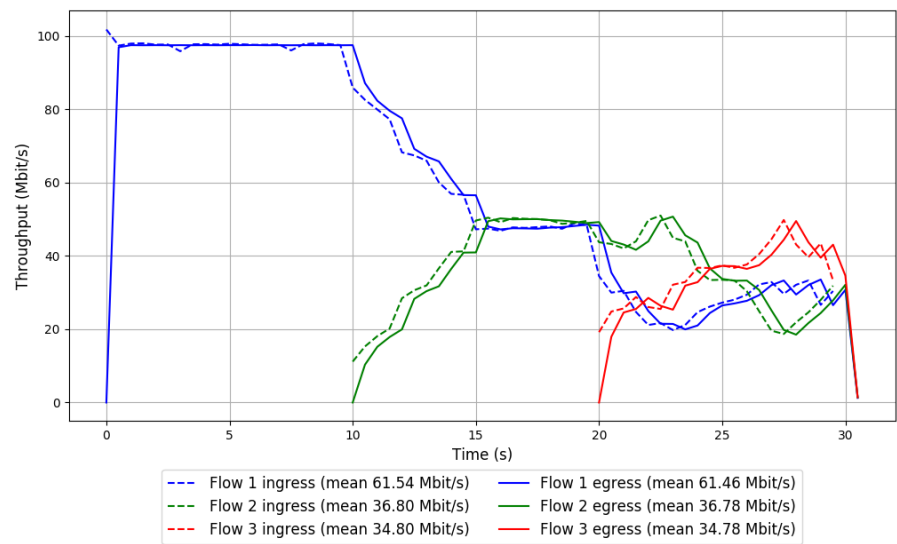


Run 5: Statistics of TCP Cubic

Start at: 2020-02-18 03:19:07
End at: 2020-02-18 03:19:37
Local clock offset: -4.439 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2020-02-18 03:38:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 30.493 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 61.46 Mbit/s
95th percentile per-packet one-way delay: 30.358 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.78 Mbit/s
95th percentile per-packet one-way delay: 30.583 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 34.78 Mbit/s
95th percentile per-packet one-way delay: 30.613 ms
Loss rate: 0.03%

Run 5: Report of TCP Cubic — Data Link

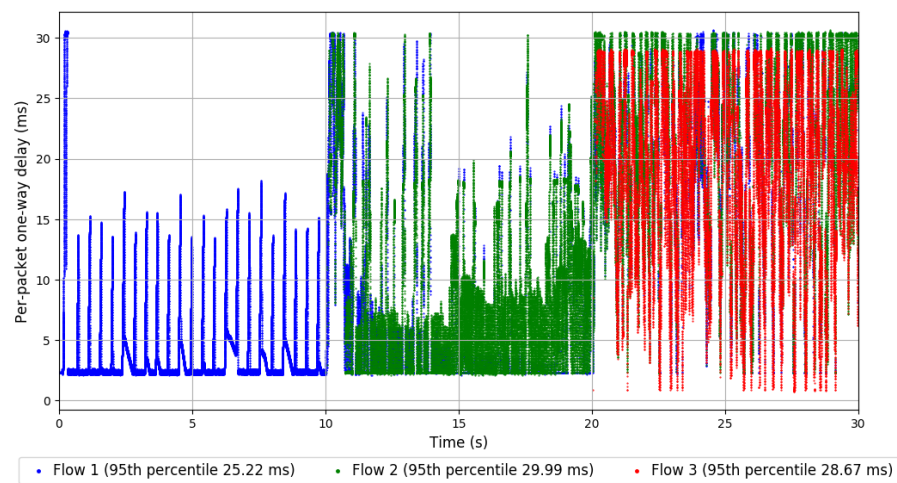
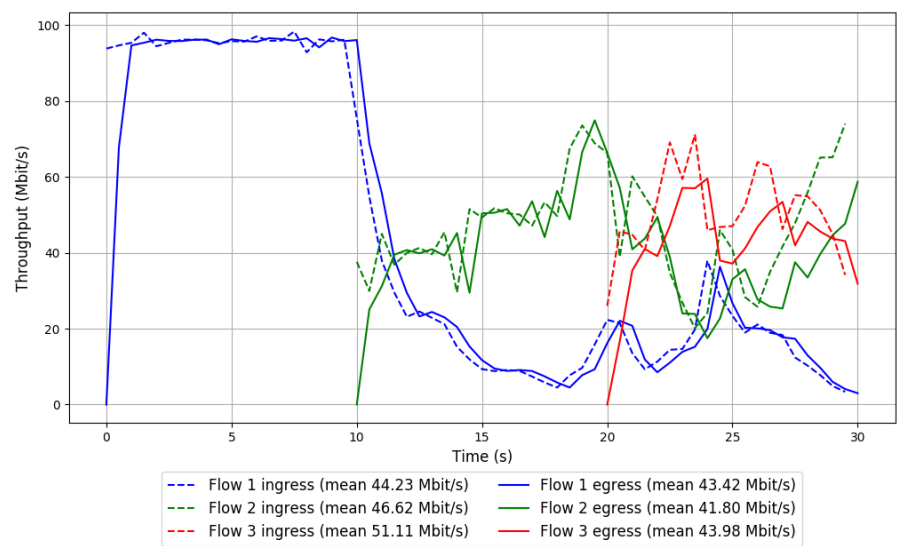


Run 1: Statistics of FillP

Start at: 2020-02-18 01:23:12
End at: 2020-02-18 01:23:42
Local clock offset: -5.774 ms
Remote clock offset: -0.217 ms

Below is generated by plot.py at 2020-02-18 03:38:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.82 Mbit/s
95th percentile per-packet one-way delay: 28.669 ms
Loss rate: 6.88%
-- Flow 1:
Average throughput: 43.42 Mbit/s
95th percentile per-packet one-way delay: 25.221 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 41.80 Mbit/s
95th percentile per-packet one-way delay: 29.989 ms
Loss rate: 10.27%
-- Flow 3:
Average throughput: 43.98 Mbit/s
95th percentile per-packet one-way delay: 28.672 ms
Loss rate: 13.94%

Run 1: Report of FillP — Data Link

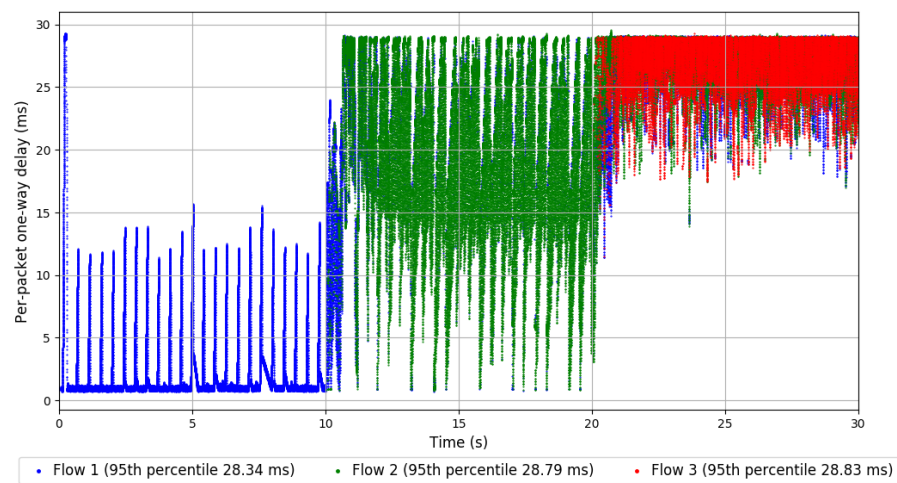
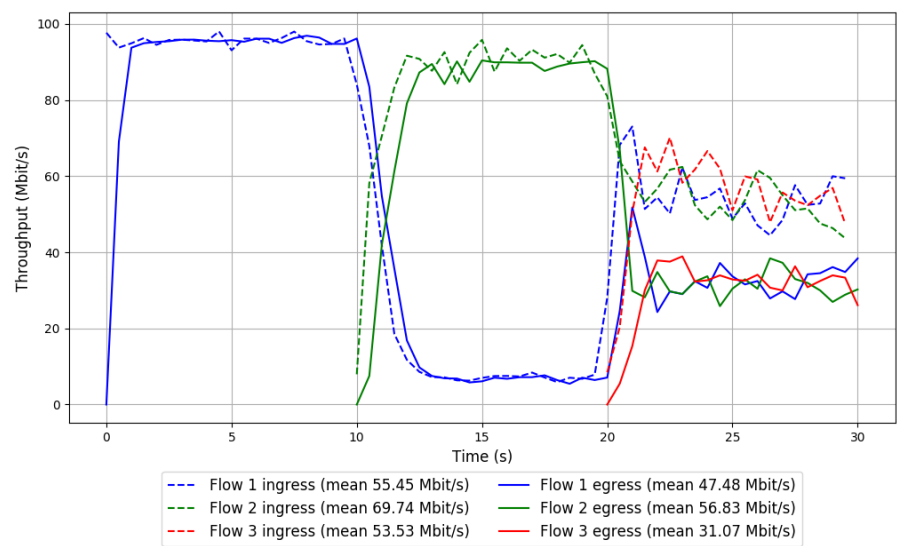


Run 2: Statistics of FillP

Start at: 2020-02-18 01:50:28
End at: 2020-02-18 01:50:58
Local clock offset: -6.818 ms
Remote clock offset: -0.264 ms

Below is generated by plot.py at 2020-02-18 03:39:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 28.714 ms
Loss rate: 20.04%
-- Flow 1:
Average throughput: 47.48 Mbit/s
95th percentile per-packet one-way delay: 28.335 ms
Loss rate: 14.33%
-- Flow 2:
Average throughput: 56.83 Mbit/s
95th percentile per-packet one-way delay: 28.788 ms
Loss rate: 18.41%
-- Flow 3:
Average throughput: 31.07 Mbit/s
95th percentile per-packet one-way delay: 28.828 ms
Loss rate: 42.09%

Run 2: Report of FillP — Data Link

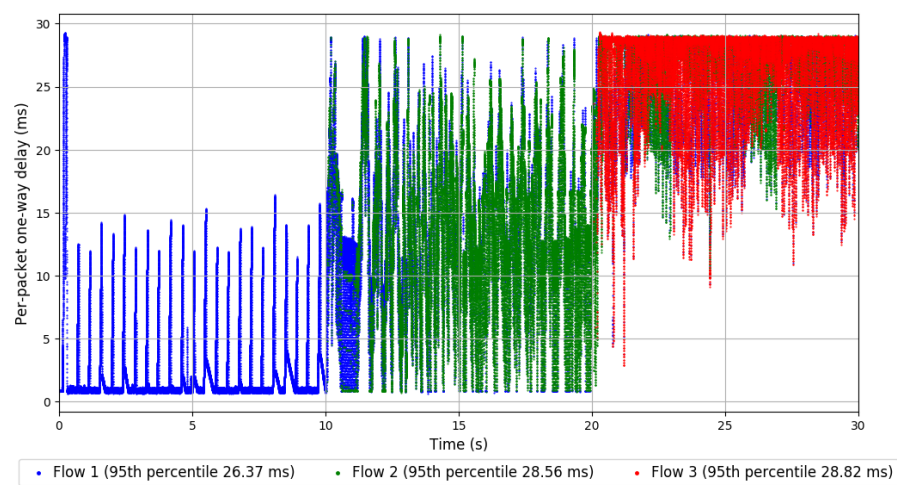
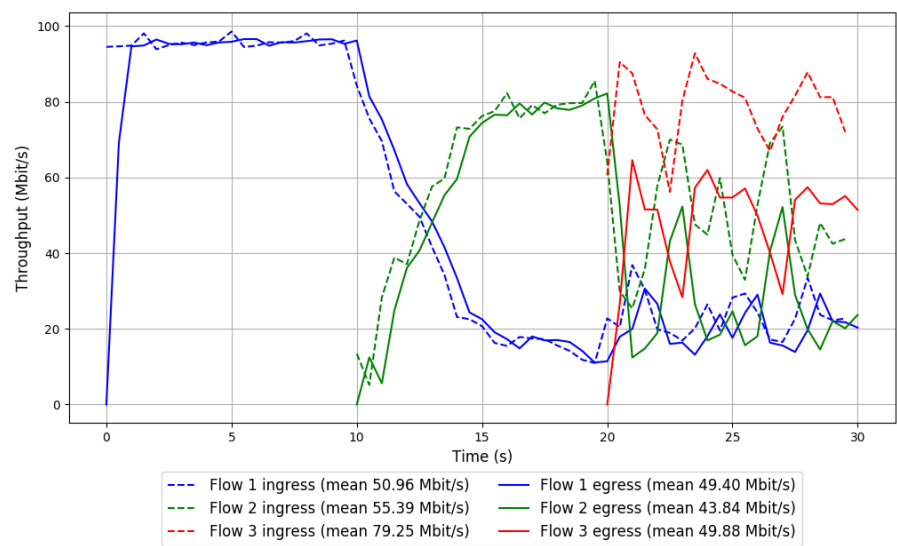


Run 3: Statistics of FillP

Start at: 2020-02-18 02:17:43
End at: 2020-02-18 02:18:13
Local clock offset: -5.162 ms
Remote clock offset: -0.218 ms

Below is generated by plot.py at 2020-02-18 03:39:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 28.593 ms
Loss rate: 16.56%
-- Flow 1:
Average throughput: 49.40 Mbit/s
95th percentile per-packet one-way delay: 26.374 ms
Loss rate: 3.00%
-- Flow 2:
Average throughput: 43.84 Mbit/s
95th percentile per-packet one-way delay: 28.564 ms
Loss rate: 20.75%
-- Flow 3:
Average throughput: 49.88 Mbit/s
95th percentile per-packet one-way delay: 28.818 ms
Loss rate: 37.04%

Run 3: Report of FillP — Data Link

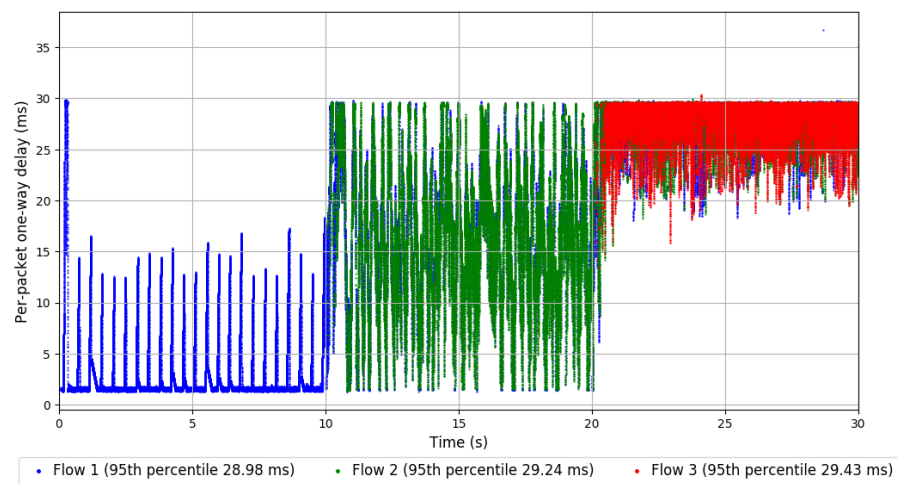
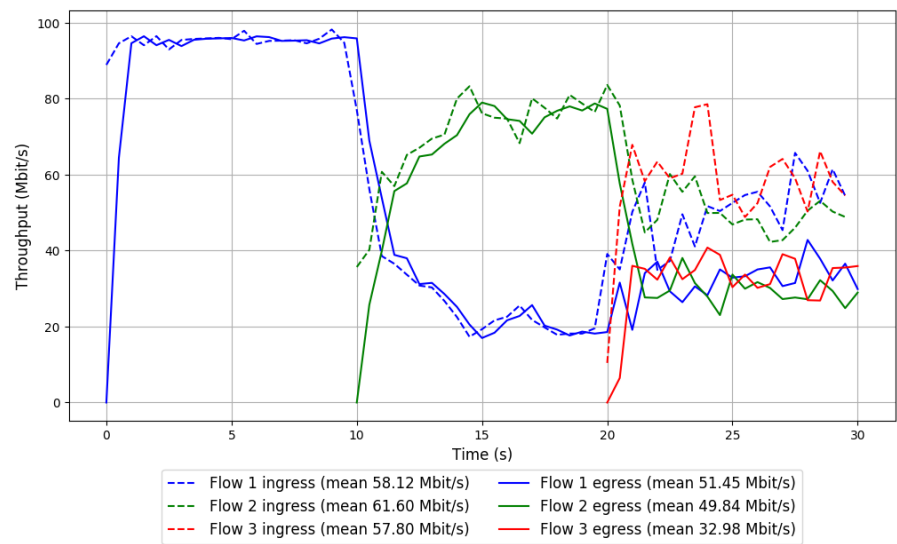


Run 4: Statistics of FillP

Start at: 2020-02-18 02:44:59
End at: 2020-02-18 02:45:29
Local clock offset: -4.542 ms
Remote clock offset: -0.192 ms

Below is generated by plot.py at 2020-02-18 03:39:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 29.222 ms
Loss rate: 19.14%
-- Flow 1:
Average throughput: 51.45 Mbit/s
95th percentile per-packet one-way delay: 28.979 ms
Loss rate: 11.41%
-- Flow 2:
Average throughput: 49.84 Mbit/s
95th percentile per-packet one-way delay: 29.241 ms
Loss rate: 19.00%
-- Flow 3:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 29.431 ms
Loss rate: 42.80%

Run 4: Report of FillP — Data Link

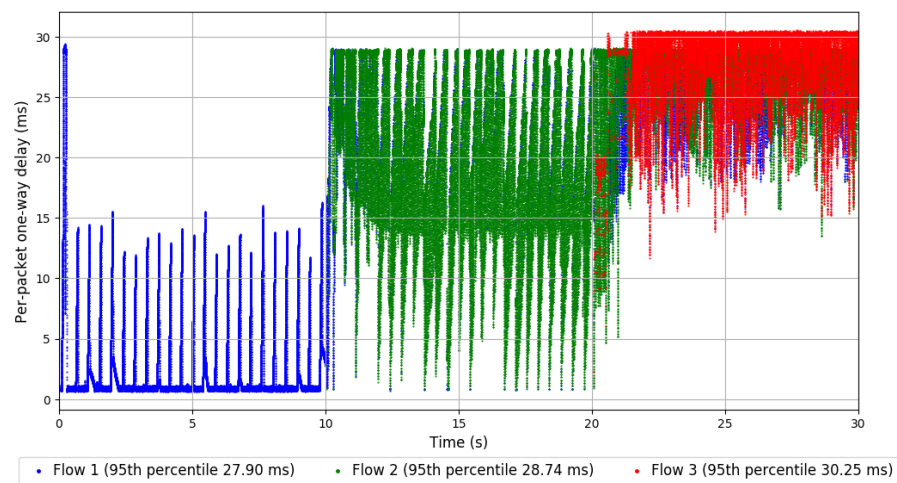
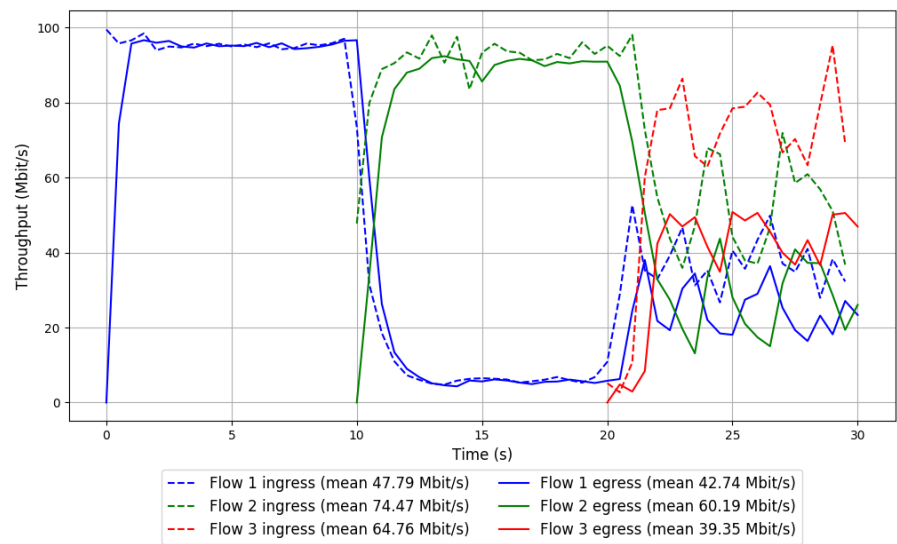


Run 5: Statistics of FillP

Start at: 2020-02-18 03:12:17
End at: 2020-02-18 03:12:47
Local clock offset: -5.13 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2020-02-18 03:39:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 29.208 ms
Loss rate: 19.26%
-- Flow 1:
Average throughput: 42.74 Mbit/s
95th percentile per-packet one-way delay: 27.898 ms
Loss rate: 10.49%
-- Flow 2:
Average throughput: 60.19 Mbit/s
95th percentile per-packet one-way delay: 28.737 ms
Loss rate: 19.09%
-- Flow 3:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 30.251 ms
Loss rate: 39.21%

Run 5: Report of FillP — Data Link

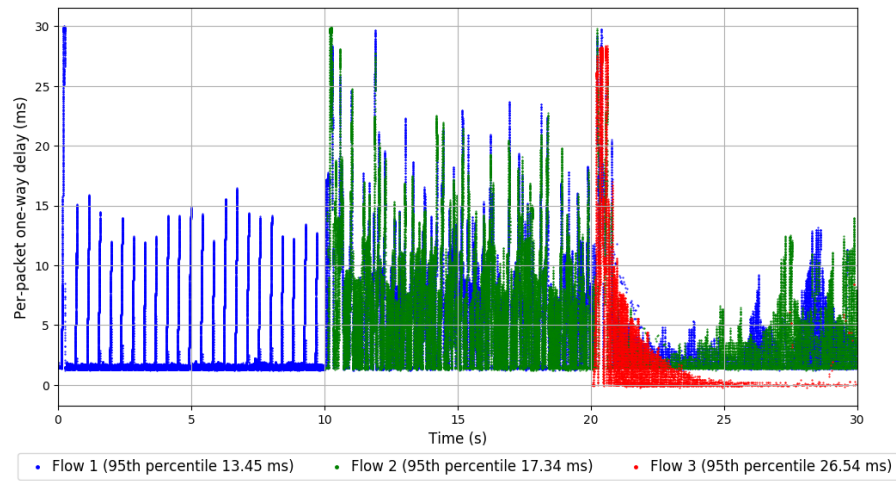
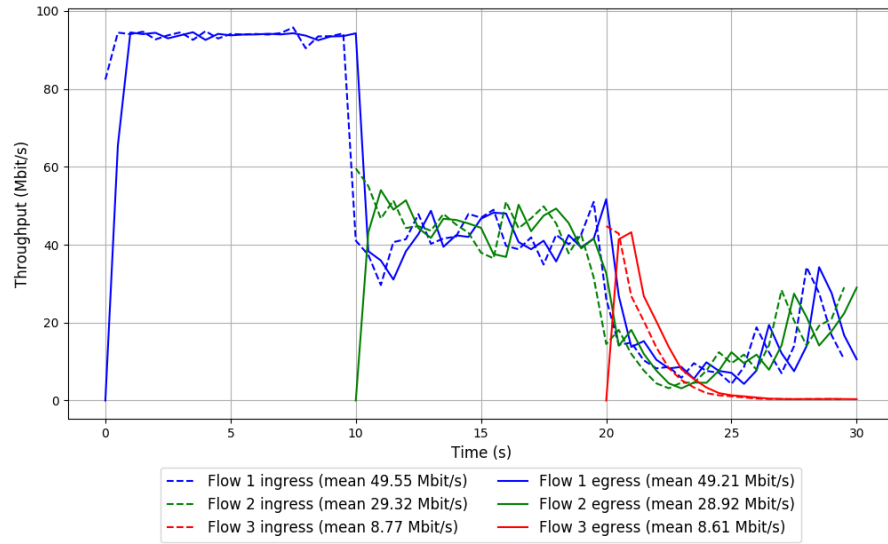


Run 1: Statistics of FillP-Sheep

Start at: 2020-02-18 01:32:11
End at: 2020-02-18 01:32:41
Local clock offset: -5.373 ms
Remote clock offset: -0.352 ms

Below is generated by plot.py at 2020-02-18 03:39:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.29 Mbit/s
95th percentile per-packet one-way delay: 15.318 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 49.21 Mbit/s
95th percentile per-packet one-way delay: 13.447 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 28.92 Mbit/s
95th percentile per-packet one-way delay: 17.341 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 8.61 Mbit/s
95th percentile per-packet one-way delay: 26.537 ms
Loss rate: 1.77%

Run 1: Report of FillP-Sheep — Data Link

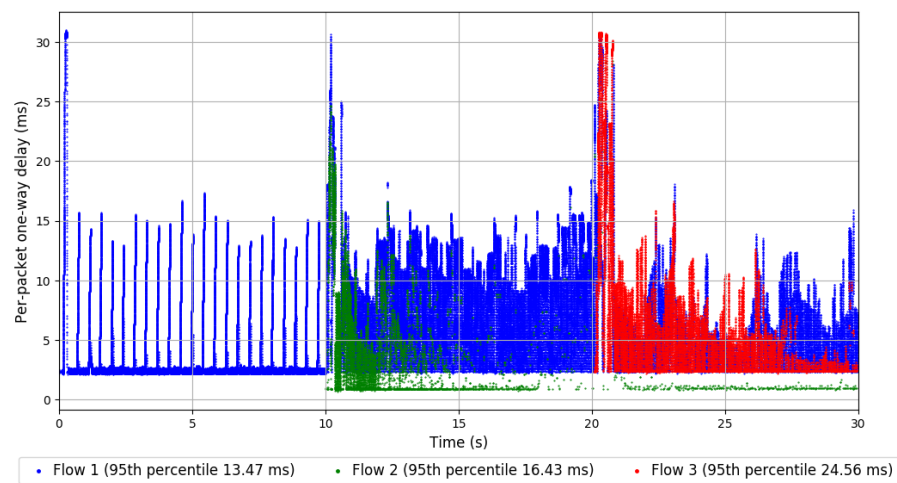
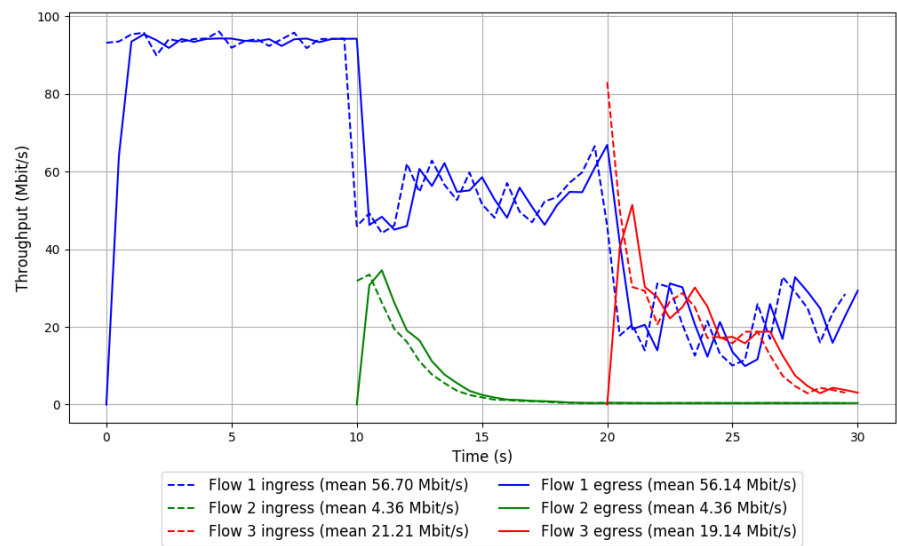


Run 2: Statistics of FillP-Sheep

Start at: 2020-02-18 01:59:28
End at: 2020-02-18 01:59:58
Local clock offset: -6.673 ms
Remote clock offset: -0.332 ms

Below is generated by plot.py at 2020-02-18 03:39:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.37 Mbit/s
95th percentile per-packet one-way delay: 14.161 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 56.14 Mbit/s
95th percentile per-packet one-way delay: 13.473 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 16.429 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 19.14 Mbit/s
95th percentile per-packet one-way delay: 24.558 ms
Loss rate: 9.79%

Run 2: Report of FillP-Sheep — Data Link

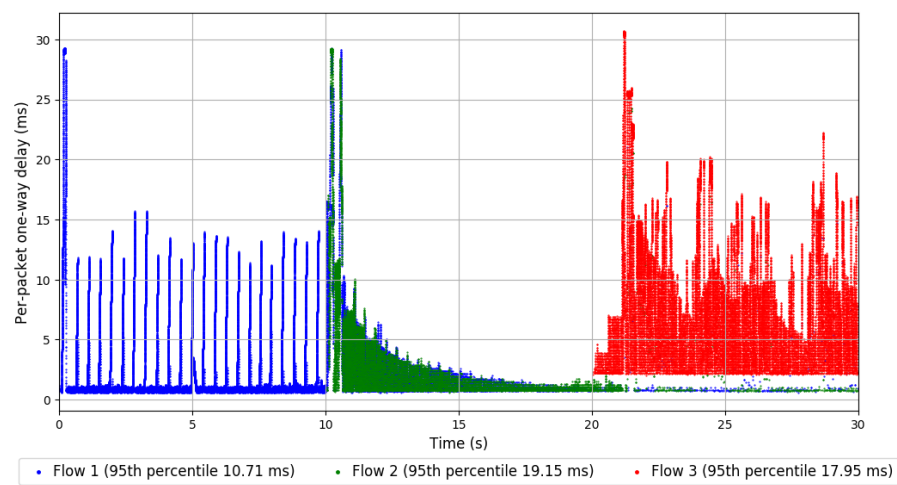
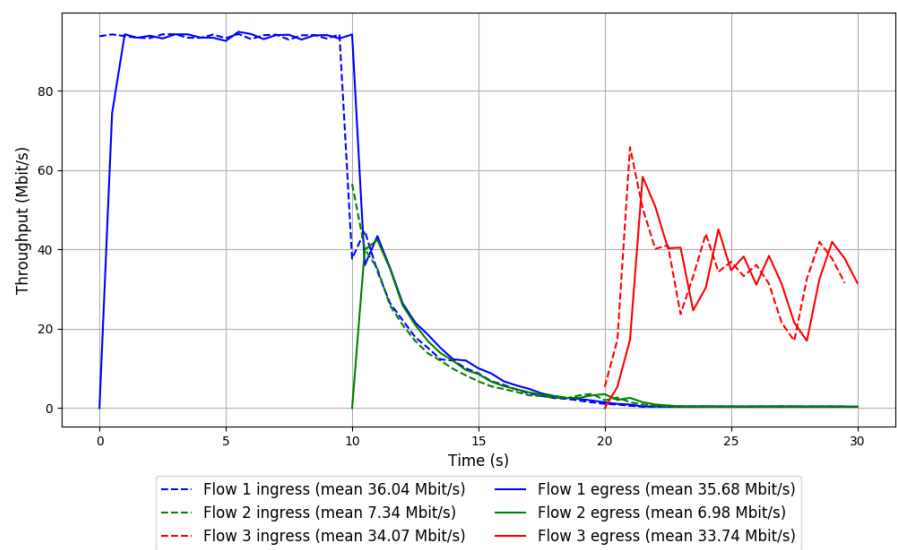


Run 3: Statistics of FillP-Sheep

Start at: 2020-02-18 02:26:43
End at: 2020-02-18 02:27:13
Local clock offset: -4.997 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2020-02-18 03:39:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.48 Mbit/s
95th percentile per-packet one-way delay: 14.159 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 35.68 Mbit/s
95th percentile per-packet one-way delay: 10.715 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 19.153 ms
Loss rate: 4.91%
-- Flow 3:
Average throughput: 33.74 Mbit/s
95th percentile per-packet one-way delay: 17.946 ms
Loss rate: 0.96%

Run 3: Report of FillP-Sheep — Data Link

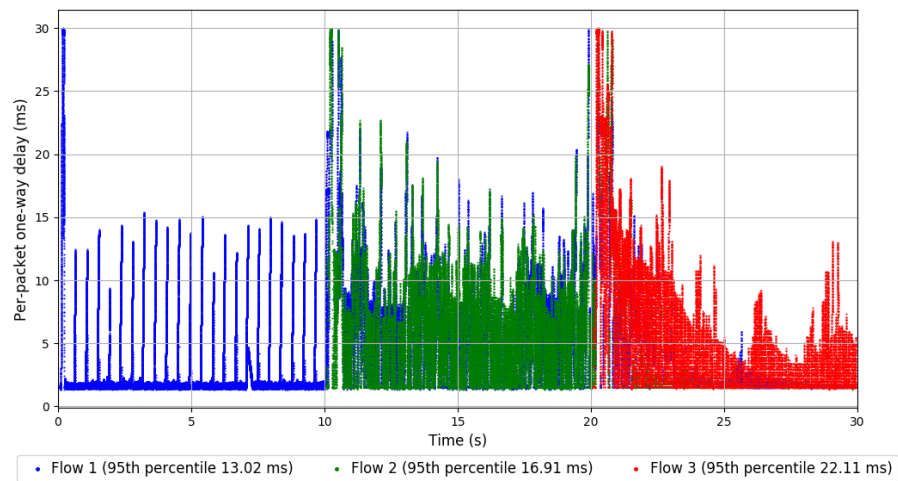
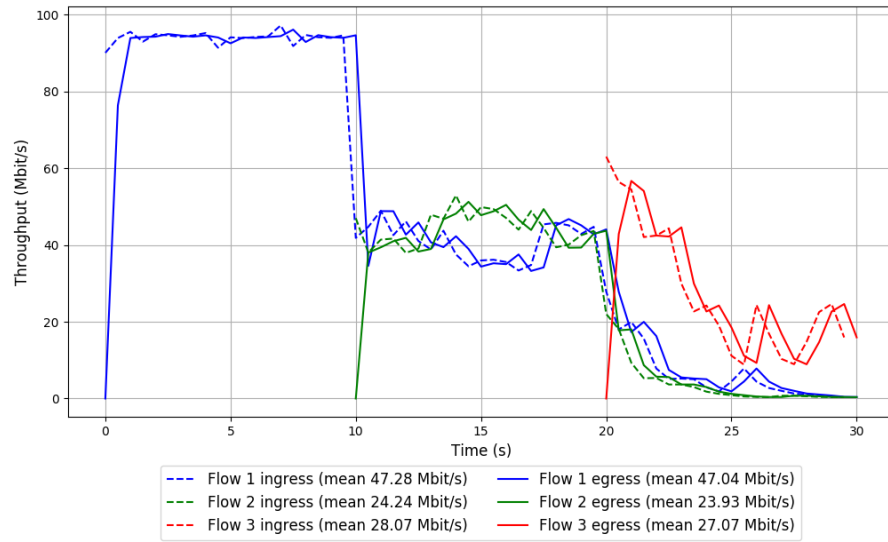


Run 4: Statistics of FillP-Sheep

Start at: 2020-02-18 02:53:58
End at: 2020-02-18 02:54:28
Local clock offset: -4.651 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2020-02-18 03:39:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.90 Mbit/s
95th percentile per-packet one-way delay: 14.911 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 47.04 Mbit/s
95th percentile per-packet one-way delay: 13.017 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: 16.905 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 27.07 Mbit/s
95th percentile per-packet one-way delay: 22.112 ms
Loss rate: 3.57%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2020-02-18 03:21:21

End at: 2020-02-18 03:21:51

Local clock offset: -5.101 ms

Remote clock offset: 0.065 ms

Below is generated by plot.py at 2020-02-18 03:39:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 68.63 Mbit/s

95th percentile per-packet one-way delay: 14.734 ms

Loss rate: 1.54%

-- Flow 1:

Average throughput: 55.96 Mbit/s

95th percentile per-packet one-way delay: 14.033 ms

Loss rate: 0.98%

-- Flow 2:

Average throughput: 7.34 Mbit/s

95th percentile per-packet one-way delay: 18.883 ms

Loss rate: 3.52%

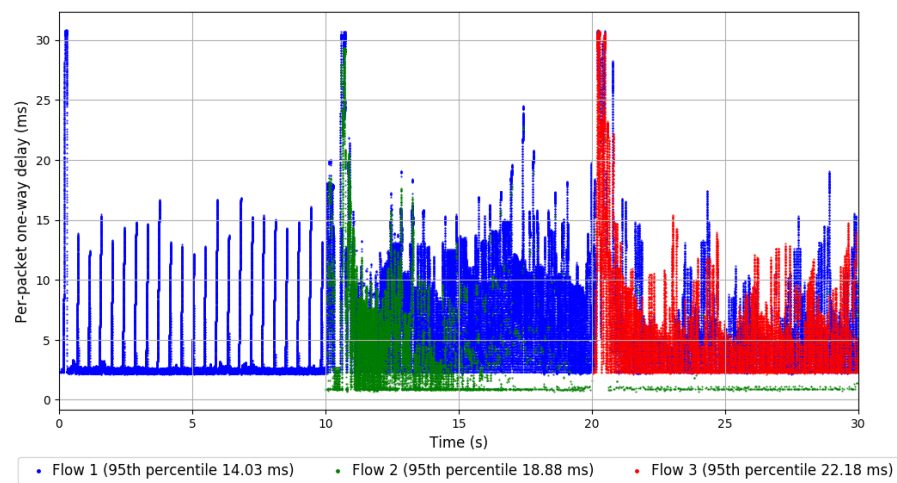
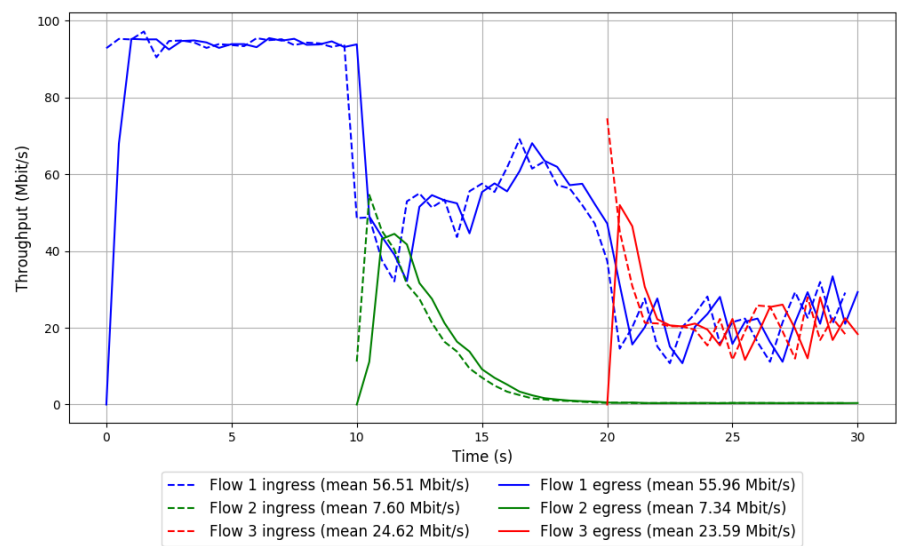
-- Flow 3:

Average throughput: 23.59 Mbit/s

95th percentile per-packet one-way delay: 22.179 ms

Loss rate: 4.15%

Run 5: Report of FillP-Sheep — Data Link

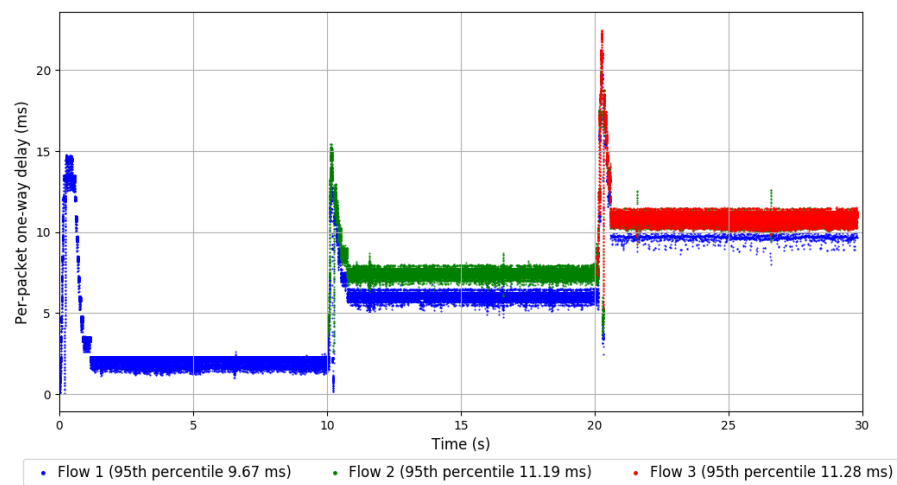
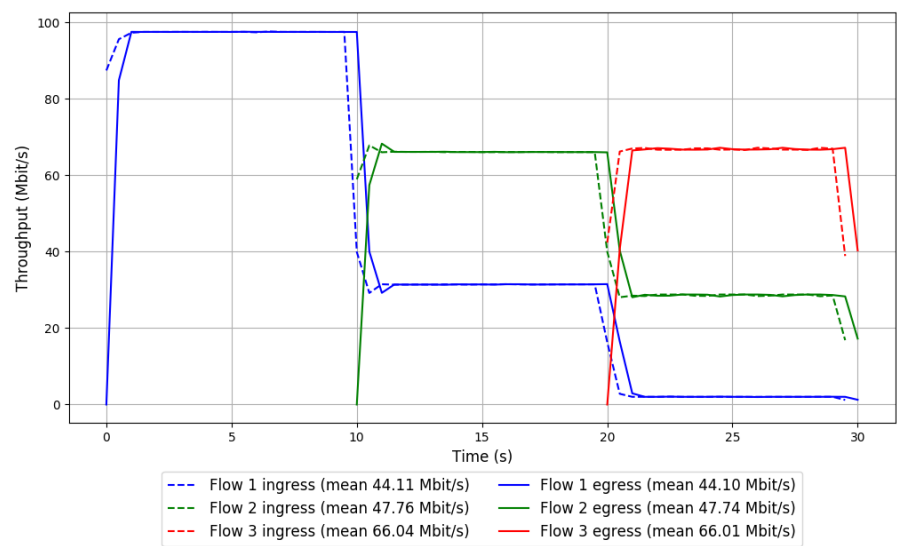


Run 1: Statistics of Indigo

Start at: 2020-02-18 01:19:45
End at: 2020-02-18 01:20:15
Local clock offset: -4.996 ms
Remote clock offset: -0.196 ms

Below is generated by plot.py at 2020-02-18 03:40:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 11.212 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.10 Mbit/s
95th percentile per-packet one-way delay: 9.667 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.74 Mbit/s
95th percentile per-packet one-way delay: 11.191 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 66.01 Mbit/s
95th percentile per-packet one-way delay: 11.283 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

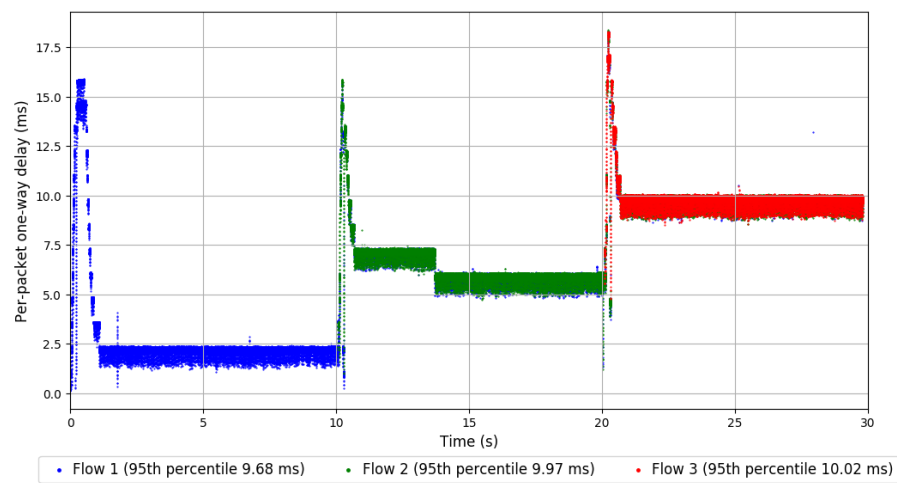
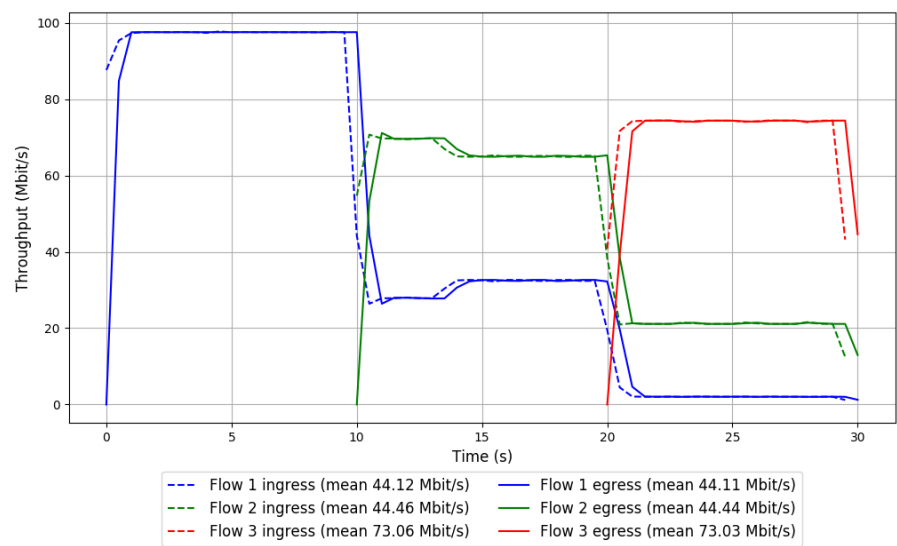


Run 2: Statistics of Indigo

Start at: 2020-02-18 01:46:56
End at: 2020-02-18 01:47:26
Local clock offset: -5.991 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2020-02-18 03:40:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 9.997 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.11 Mbit/s
95th percentile per-packet one-way delay: 9.675 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.44 Mbit/s
95th percentile per-packet one-way delay: 9.972 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 73.03 Mbit/s
95th percentile per-packet one-way delay: 10.016 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

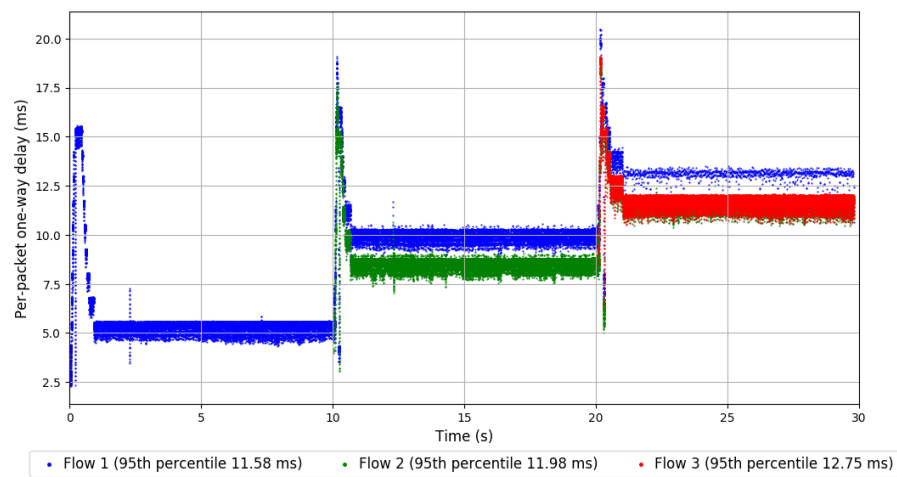
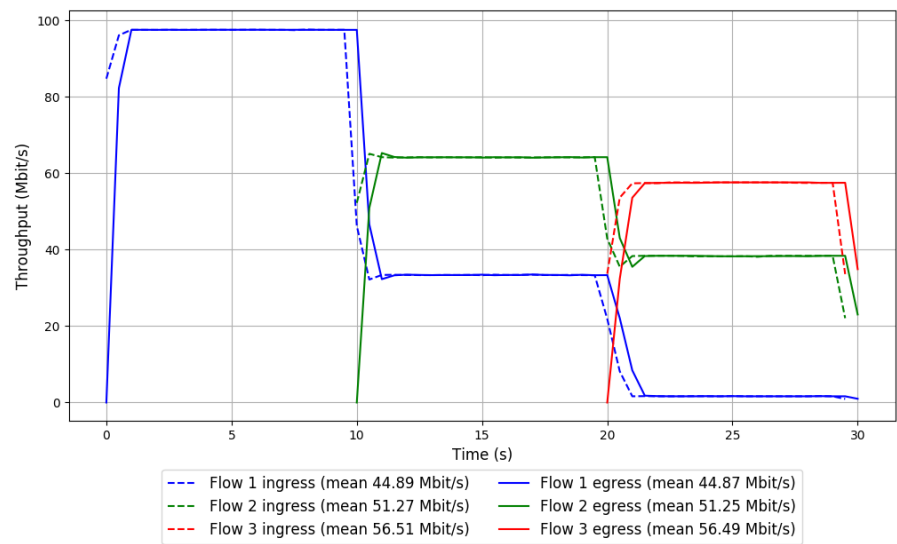


Run 3: Statistics of Indigo

Start at: 2020-02-18 02:14:14
End at: 2020-02-18 02:14:44
Local clock offset: -5.326 ms
Remote clock offset: -0.249 ms

Below is generated by plot.py at 2020-02-18 03:40:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 12.127 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.87 Mbit/s
95th percentile per-packet one-way delay: 11.578 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 51.25 Mbit/s
95th percentile per-packet one-way delay: 11.980 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 56.49 Mbit/s
95th percentile per-packet one-way delay: 12.751 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2020-02-18 02:41:29

End at: 2020-02-18 02:41:59

Local clock offset: -5.248 ms

Remote clock offset: -0.28 ms

Below is generated by plot.py at 2020-02-18 03:40:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 11.271 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 42.96 Mbit/s

95th percentile per-packet one-way delay: 9.709 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 51.99 Mbit/s

95th percentile per-packet one-way delay: 10.039 ms

Loss rate: 0.00%

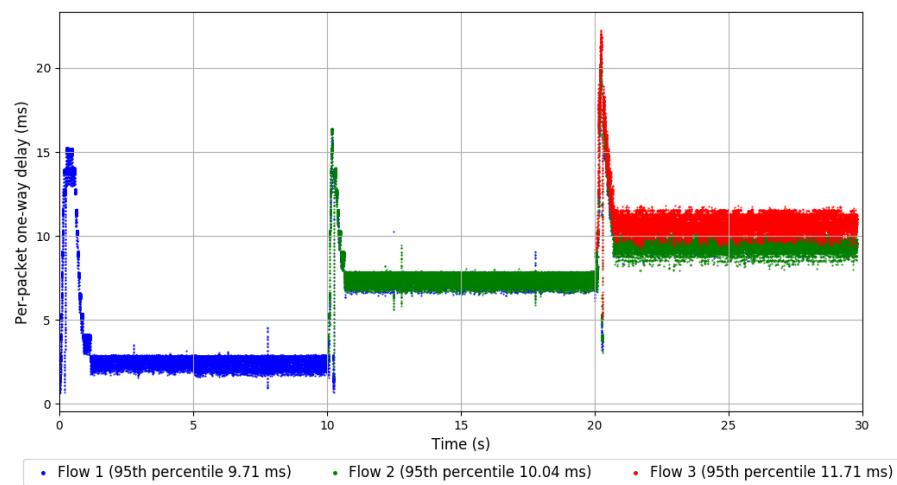
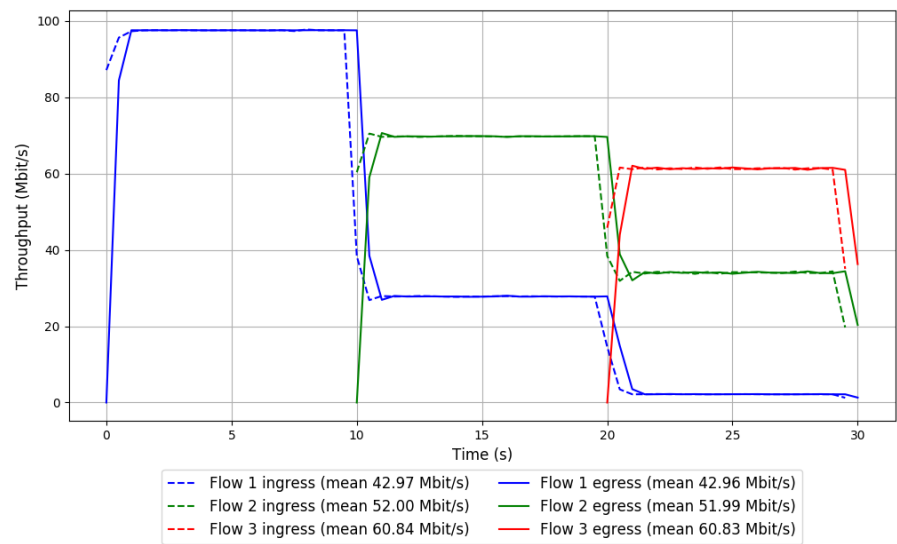
-- Flow 3:

Average throughput: 60.83 Mbit/s

95th percentile per-packet one-way delay: 11.708 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

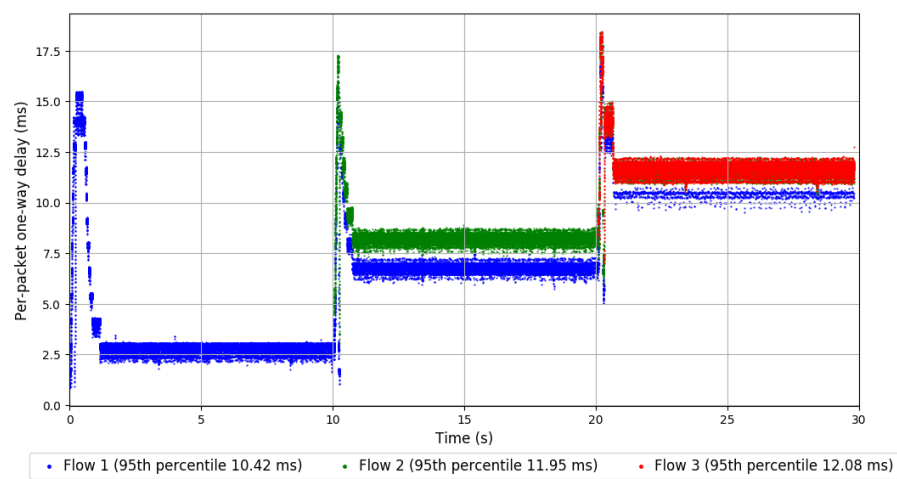
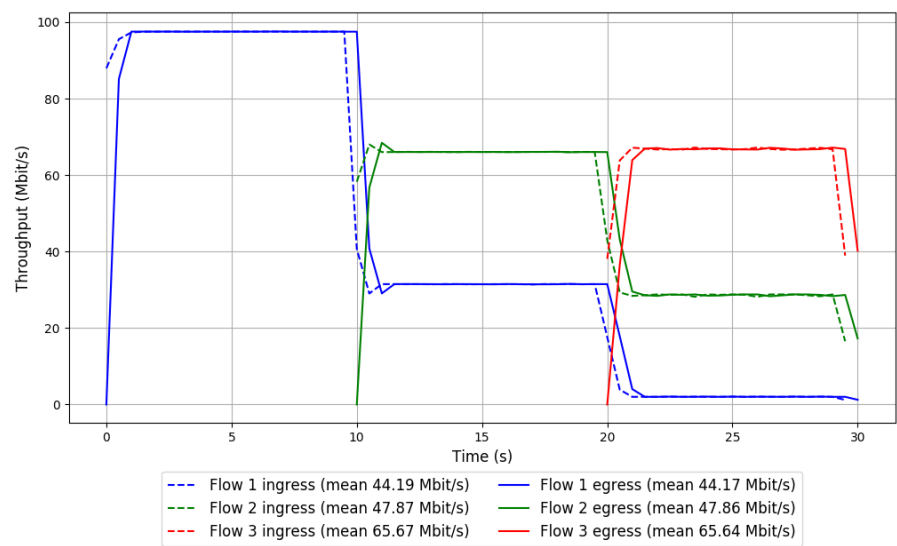


Run 5: Statistics of Indigo

Start at: 2020-02-18 03:08:43
End at: 2020-02-18 03:09:13
Local clock offset: -5.198 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2020-02-18 03:40:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 11.963 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.17 Mbit/s
95th percentile per-packet one-way delay: 10.420 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.86 Mbit/s
95th percentile per-packet one-way delay: 11.948 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.64 Mbit/s
95th percentile per-packet one-way delay: 12.076 ms
Loss rate: 0.02%

Run 5: Report of Indigo — Data Link

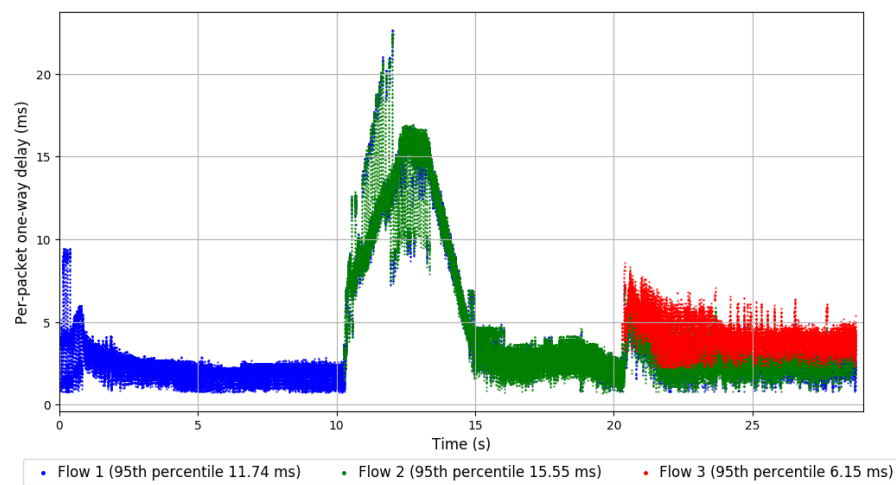
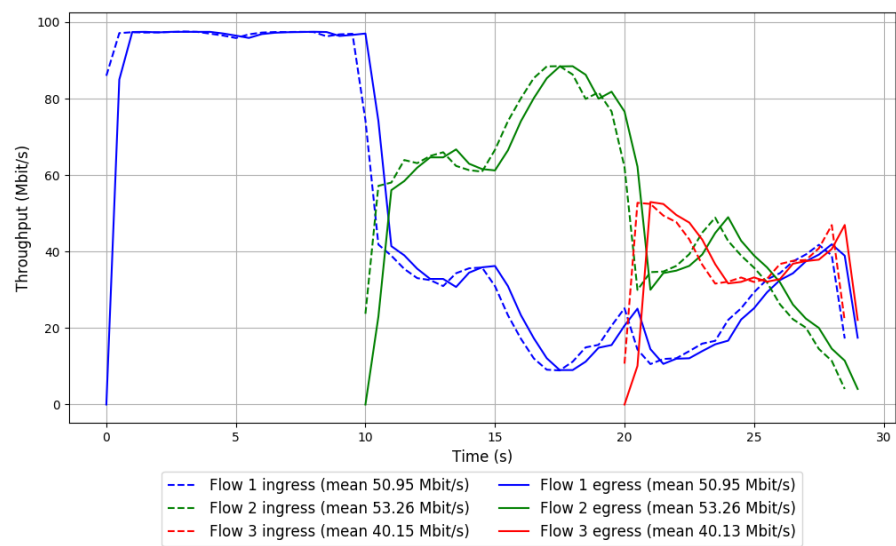


Run 1: Statistics of Indigo-MusesC3

Start at: 2020-02-18 01:43:31
End at: 2020-02-18 01:44:01
Local clock offset: -6.541 ms
Remote clock offset: -0.253 ms

Below is generated by plot.py at 2020-02-18 03:40:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 13.628 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.95 Mbit/s
95th percentile per-packet one-way delay: 11.743 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 53.26 Mbit/s
95th percentile per-packet one-way delay: 15.547 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.13 Mbit/s
95th percentile per-packet one-way delay: 6.146 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link

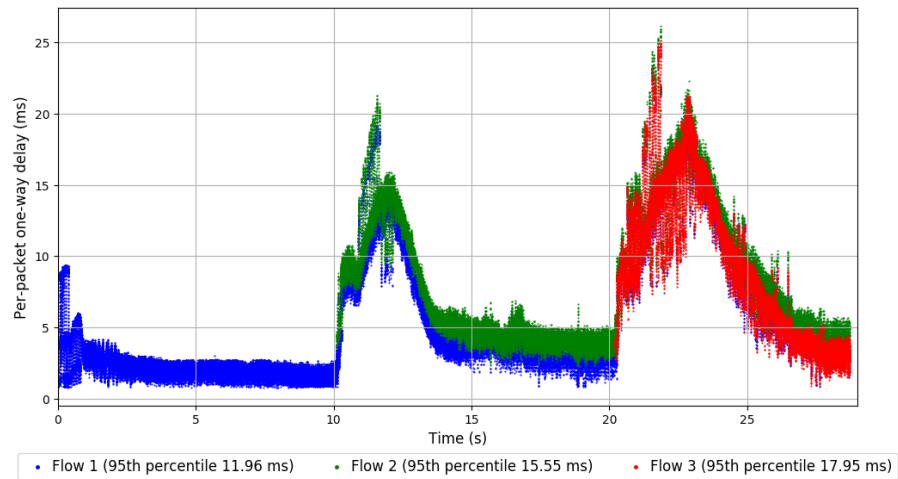
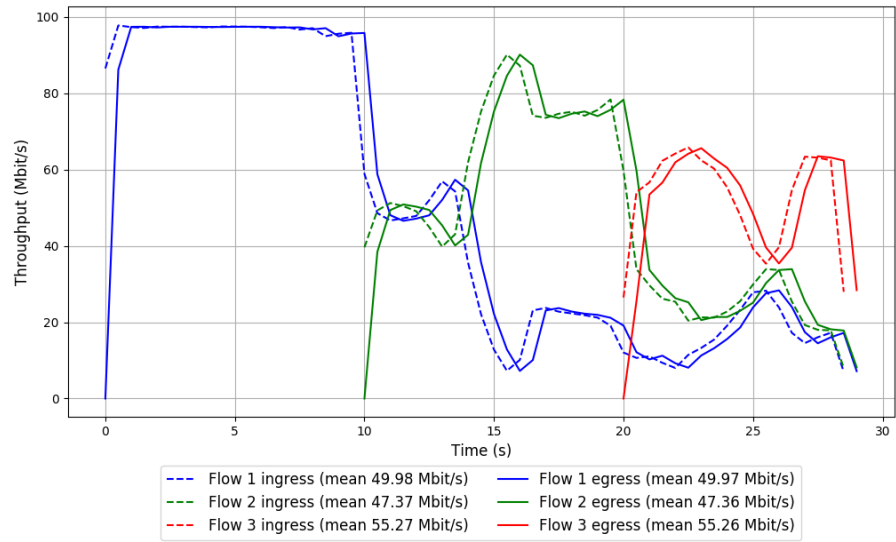


Run 2: Statistics of Indigo-MusesC3

Start at: 2020-02-18 02:10:48
End at: 2020-02-18 02:11:18
Local clock offset: -5.456 ms
Remote clock offset: -0.258 ms

Below is generated by plot.py at 2020-02-18 03:40:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 15.550 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.97 Mbit/s
95th percentile per-packet one-way delay: 11.956 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.36 Mbit/s
95th percentile per-packet one-way delay: 15.552 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 17.948 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link

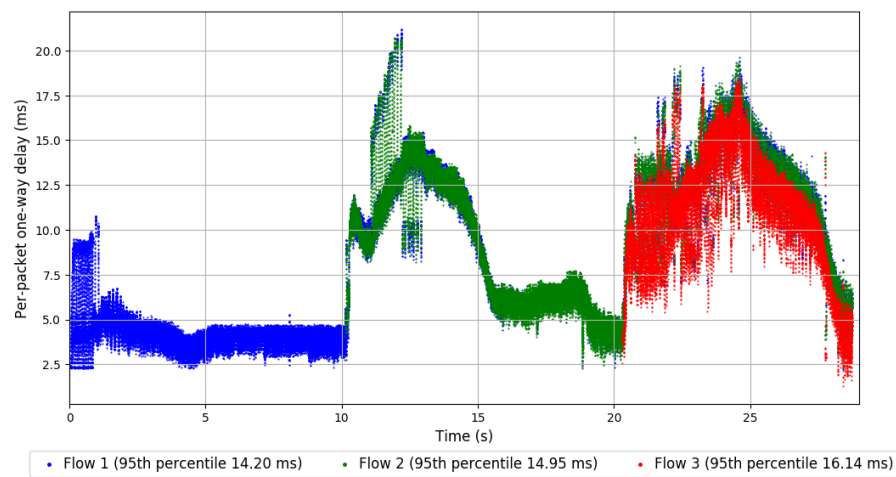
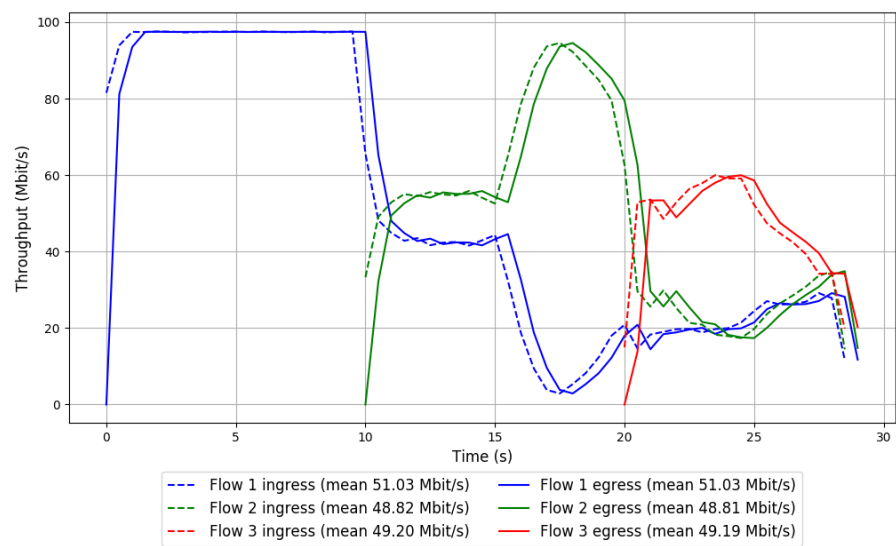


Run 3: Statistics of Indigo-MusesC3

Start at: 2020-02-18 02:38:03
End at: 2020-02-18 02:38:33
Local clock offset: -5.225 ms
Remote clock offset: -0.138 ms

Below is generated by plot.py at 2020-02-18 03:41:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 15.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.03 Mbit/s
95th percentile per-packet one-way delay: 14.201 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.81 Mbit/s
95th percentile per-packet one-way delay: 14.949 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.19 Mbit/s
95th percentile per-packet one-way delay: 16.143 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link

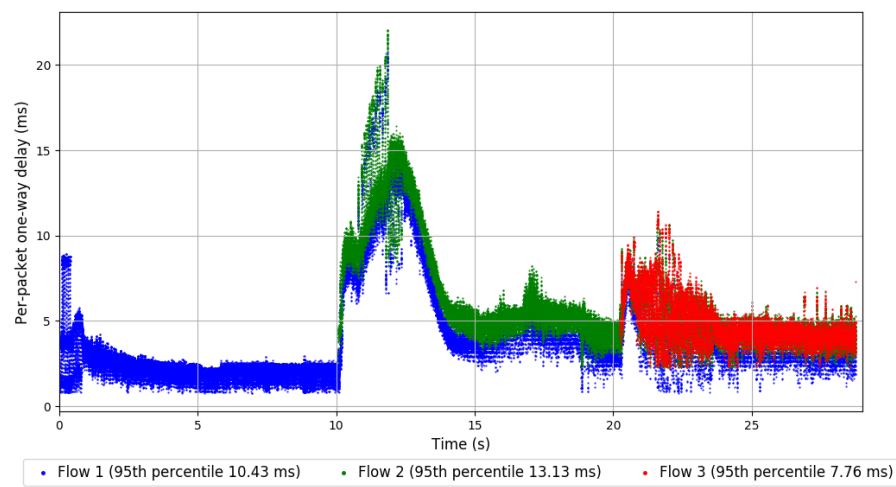
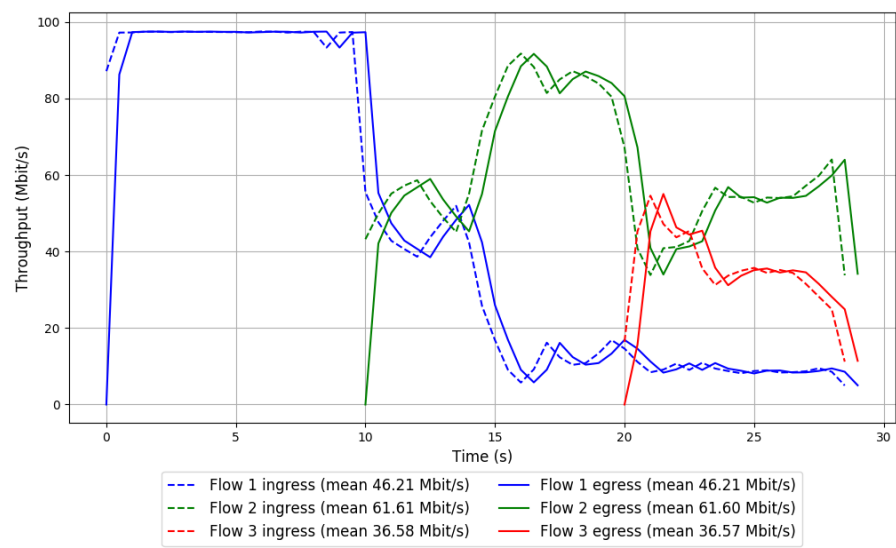


Run 4: Statistics of Indigo-MusesC3

Start at: 2020-02-18 03:05:18
End at: 2020-02-18 03:05:48
Local clock offset: -5.165 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2020-02-18 03:41:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 11.628 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.21 Mbit/s
95th percentile per-packet one-way delay: 10.425 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.60 Mbit/s
95th percentile per-packet one-way delay: 13.130 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 36.57 Mbit/s
95th percentile per-packet one-way delay: 7.758 ms
Loss rate: 0.01%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2020-02-18 03:32:46

End at: 2020-02-18 03:33:16

Local clock offset: -5.721 ms

Remote clock offset: 0.025 ms

Below is generated by plot.py at 2020-02-18 03:41:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 15.599 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 49.47 Mbit/s

95th percentile per-packet one-way delay: 15.476 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 55.27 Mbit/s

95th percentile per-packet one-way delay: 15.866 ms

Loss rate: 0.00%

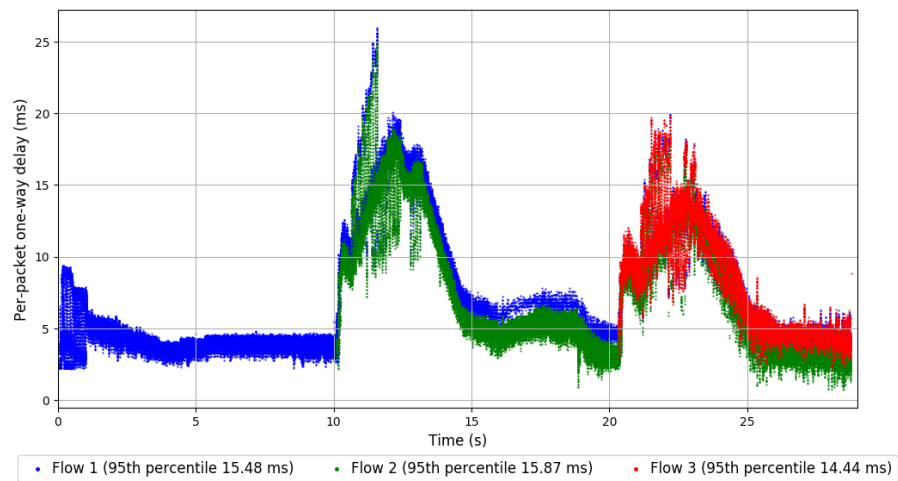
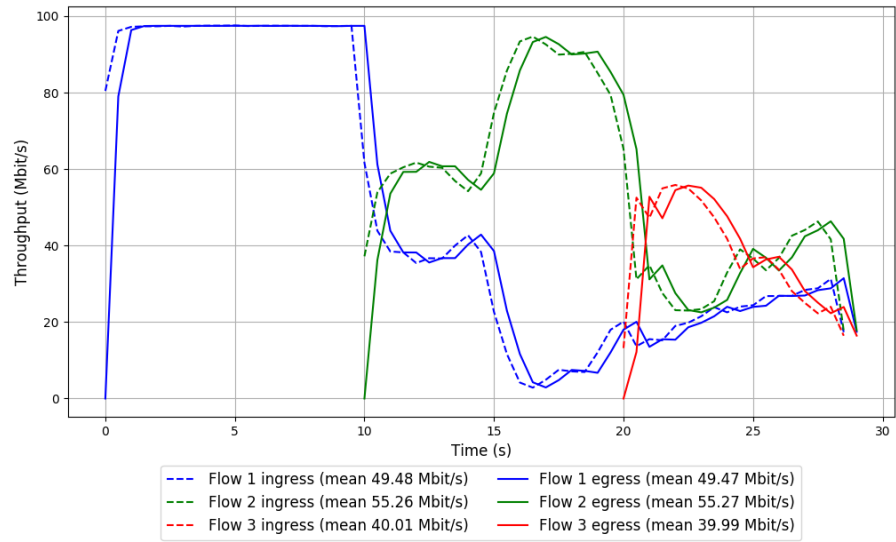
-- Flow 3:

Average throughput: 39.99 Mbit/s

95th percentile per-packet one-way delay: 14.436 ms

Loss rate: 0.03%

Run 5: Report of Indigo-MusesC3 — Data Link

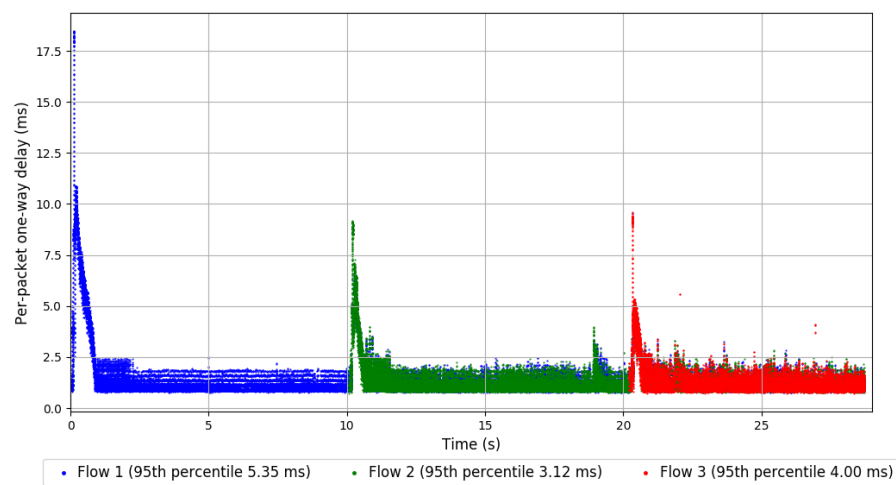
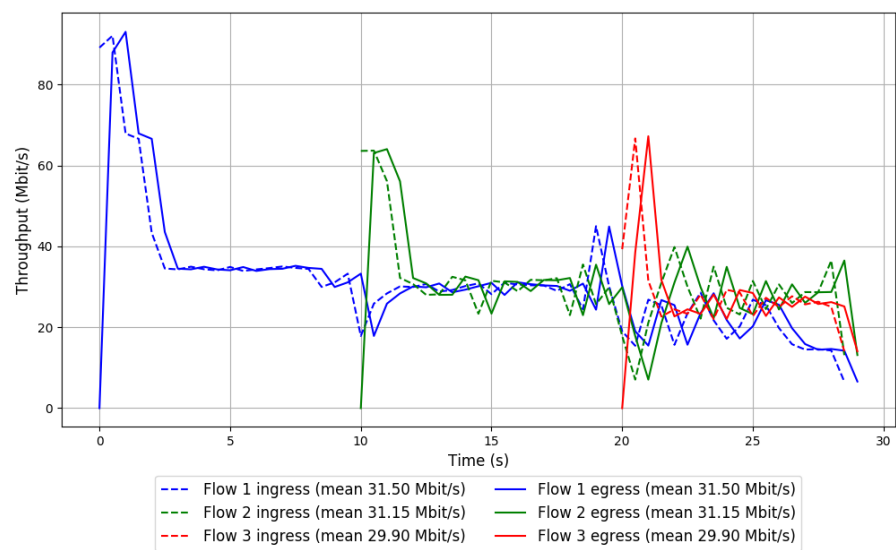


Run 1: Statistics of Indigo-MusesC5

Start at: 2020-02-18 01:37:51
End at: 2020-02-18 01:38:21
Local clock offset: -6.348 ms
Remote clock offset: -0.222 ms

Below is generated by plot.py at 2020-02-18 03:41:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.59 Mbit/s
95th percentile per-packet one-way delay: 4.193 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 5.347 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.15 Mbit/s
95th percentile per-packet one-way delay: 3.117 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.90 Mbit/s
95th percentile per-packet one-way delay: 3.995 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link

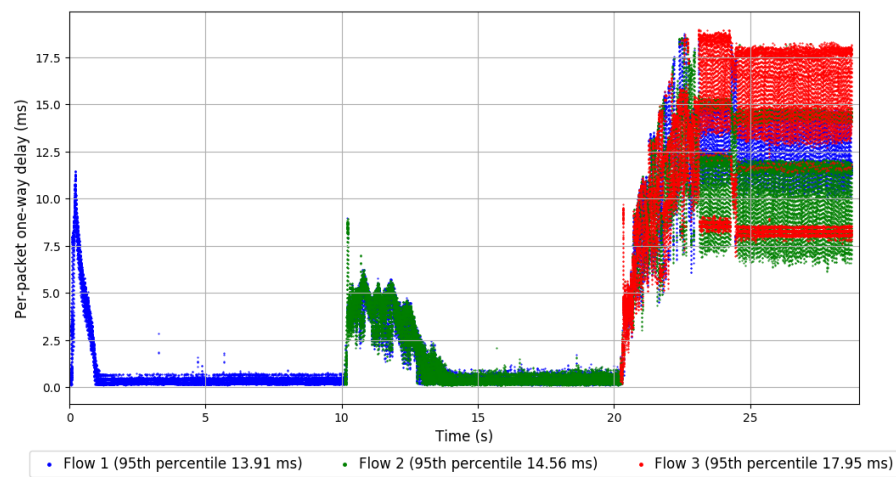
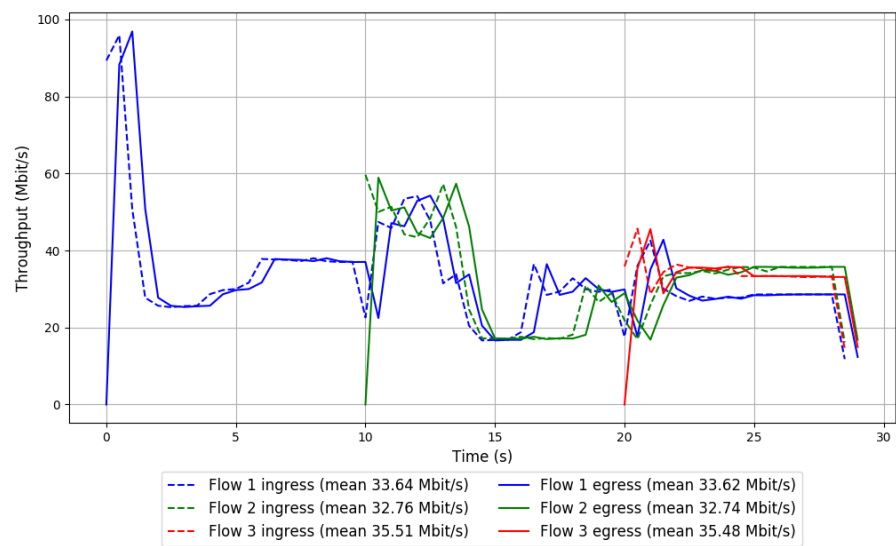


Run 2: Statistics of Indigo-MusesC5

Start at: 2020-02-18 02:05:08
End at: 2020-02-18 02:05:38
Local clock offset: -5.19 ms
Remote clock offset: -0.293 ms

Below is generated by plot.py at 2020-02-18 03:41:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.36 Mbit/s
95th percentile per-packet one-way delay: 15.520 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: 13.908 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: 14.565 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 17.947 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link

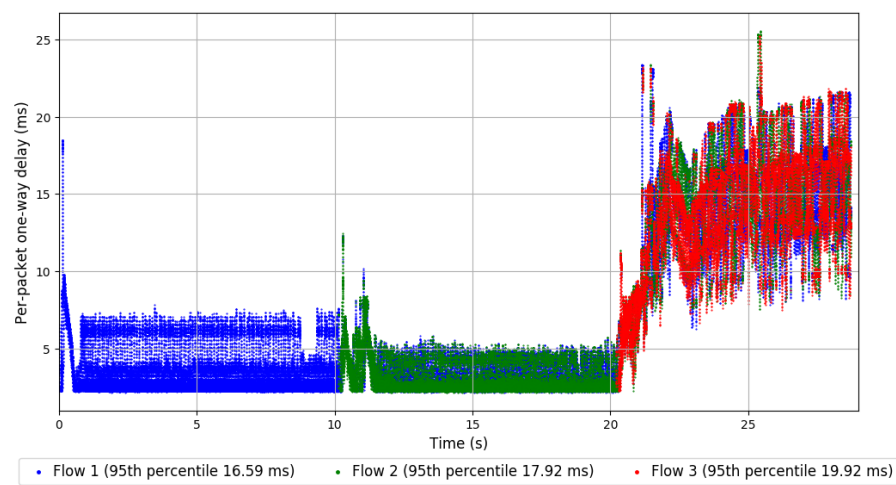
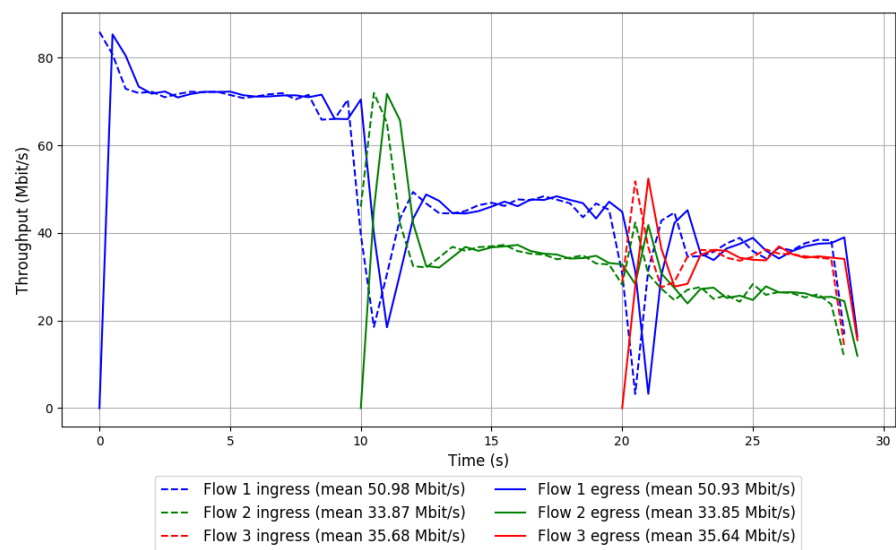


Run 3: Statistics of Indigo-MusesC5

Start at: 2020-02-18 02:32:22
End at: 2020-02-18 02:32:52
Local clock offset: -5.11 ms
Remote clock offset: -0.157 ms

Below is generated by plot.py at 2020-02-18 03:41:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.41 Mbit/s
95th percentile per-packet one-way delay: 17.595 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 50.93 Mbit/s
95th percentile per-packet one-way delay: 16.594 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 33.85 Mbit/s
95th percentile per-packet one-way delay: 17.917 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.64 Mbit/s
95th percentile per-packet one-way delay: 19.922 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link

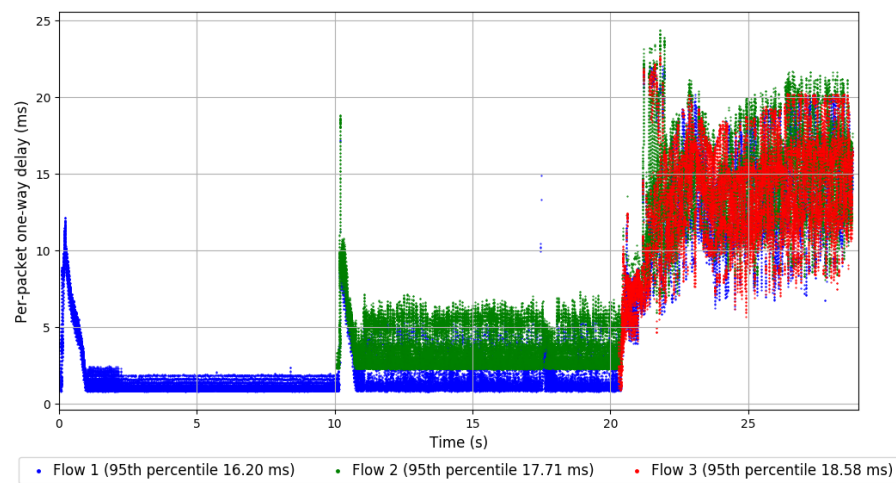
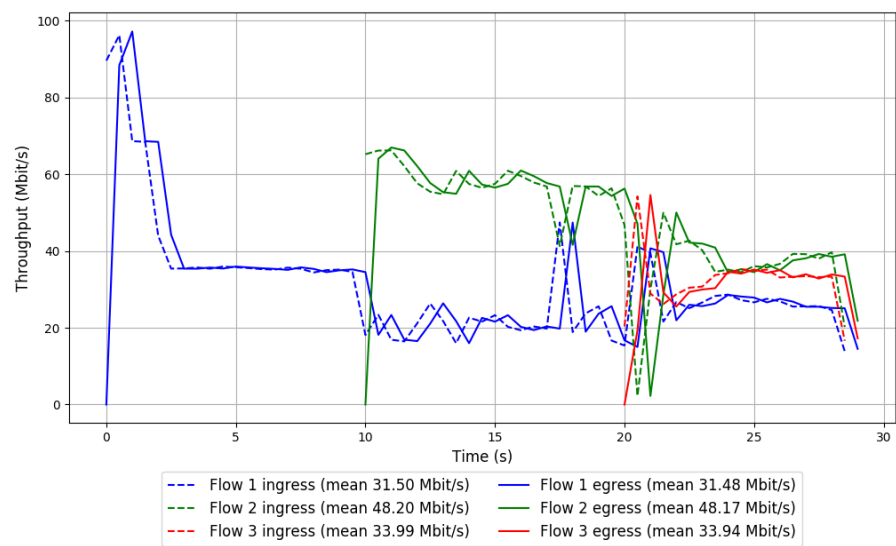


Run 4: Statistics of Indigo-MusesC5

Start at: 2020-02-18 02:59:38
End at: 2020-02-18 03:00:08
Local clock offset: -5.351 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2020-02-18 03:41:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.80 Mbit/s
95th percentile per-packet one-way delay: 17.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 31.48 Mbit/s
95th percentile per-packet one-way delay: 16.200 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.17 Mbit/s
95th percentile per-packet one-way delay: 17.706 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 18.577 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2020-02-18 03:27:06

End at: 2020-02-18 03:27:36

Local clock offset: -4.353 ms

Remote clock offset: 0.085 ms

Below is generated by plot.py at 2020-02-18 03:41:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.05 Mbit/s

95th percentile per-packet one-way delay: 16.353 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 54.22 Mbit/s

95th percentile per-packet one-way delay: 15.547 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 28.55 Mbit/s

95th percentile per-packet one-way delay: 16.871 ms

Loss rate: 0.00%

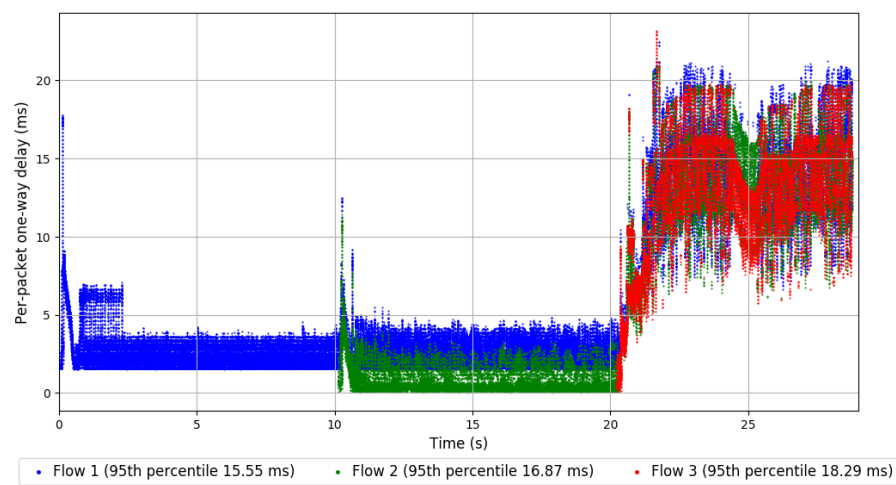
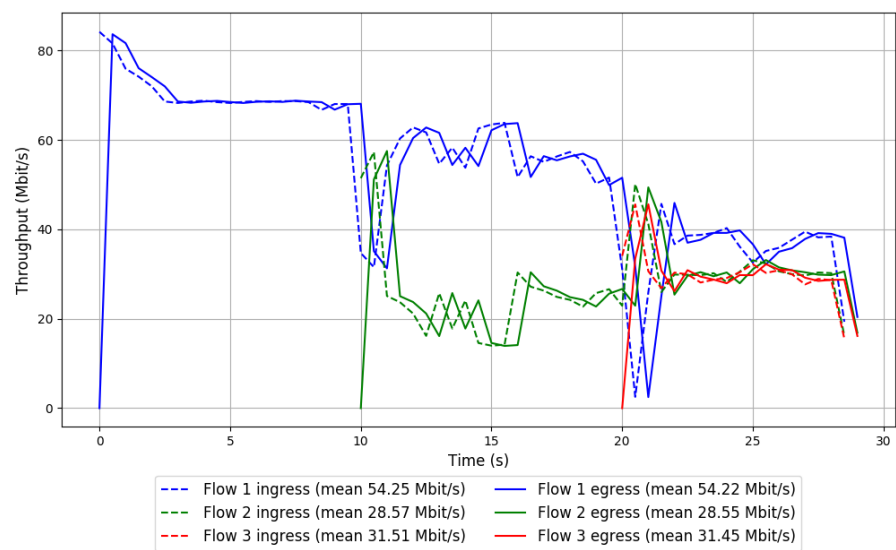
-- Flow 3:

Average throughput: 31.45 Mbit/s

95th percentile per-packet one-way delay: 18.289 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link

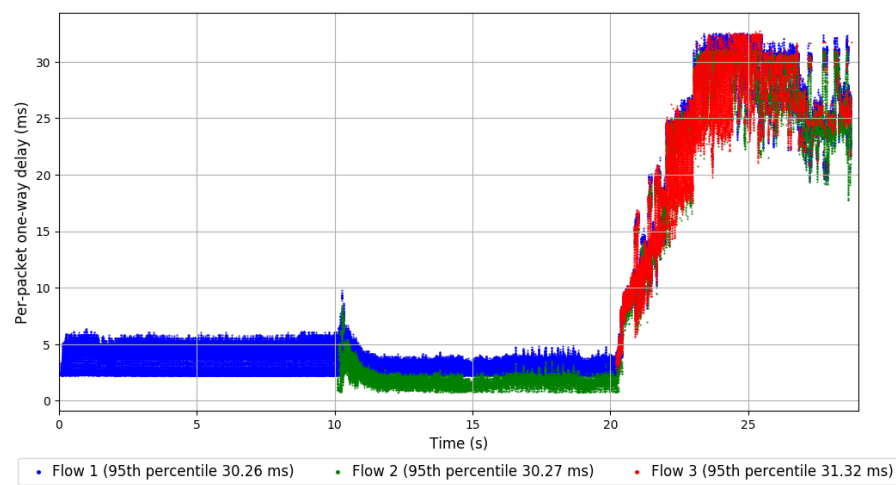
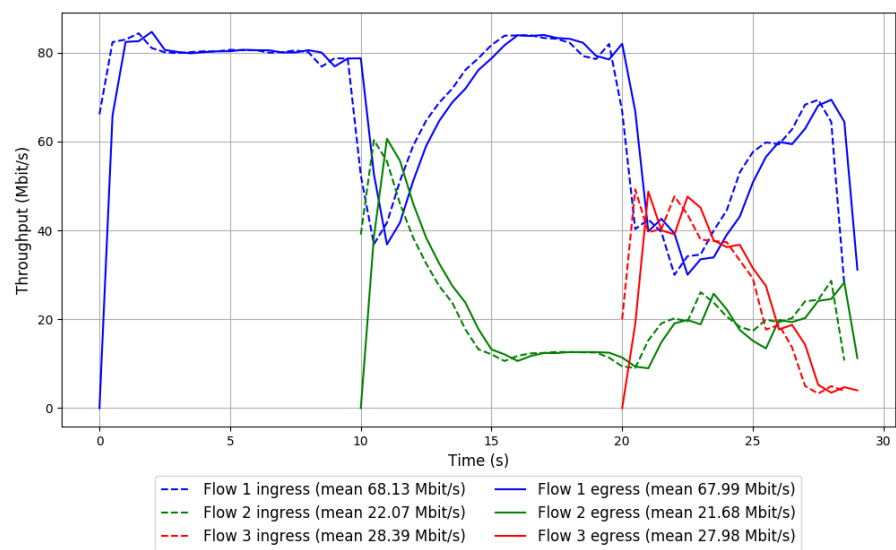


Run 1: Statistics of Indigo-MusesD

Start at: 2020-02-18 01:28:47
End at: 2020-02-18 01:29:17
Local clock offset: -5.872 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2020-02-18 03:42:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 30.358 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 67.99 Mbit/s
95th percentile per-packet one-way delay: 30.260 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 21.68 Mbit/s
95th percentile per-packet one-way delay: 30.274 ms
Loss rate: 1.60%
-- Flow 3:
Average throughput: 27.98 Mbit/s
95th percentile per-packet one-way delay: 31.319 ms
Loss rate: 1.12%

Run 1: Report of Indigo-MusesD — Data Link

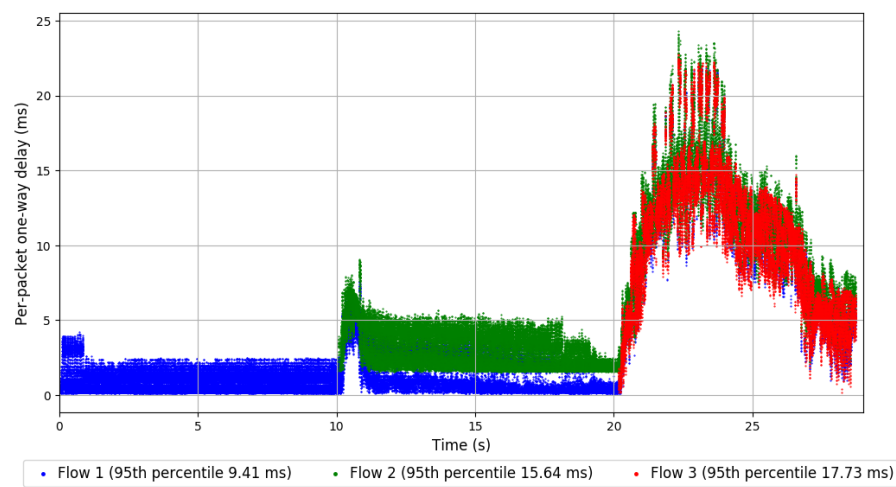
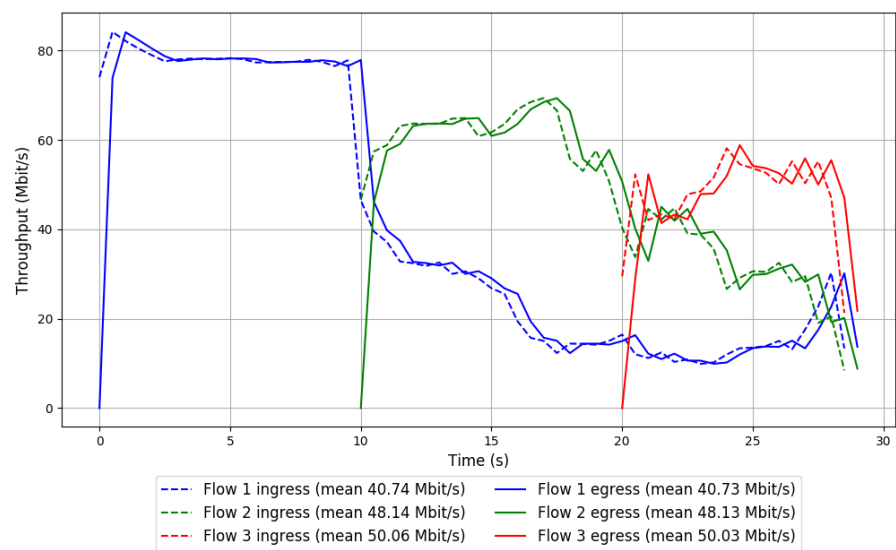


Run 2: Statistics of Indigo-MusesD

Start at: 2020-02-18 01:56:05
End at: 2020-02-18 01:56:35
Local clock offset: -6.249 ms
Remote clock offset: -0.247 ms

Below is generated by plot.py at 2020-02-18 03:42:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 14.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.73 Mbit/s
95th percentile per-packet one-way delay: 9.408 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.13 Mbit/s
95th percentile per-packet one-way delay: 15.637 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.03 Mbit/s
95th percentile per-packet one-way delay: 17.732 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link

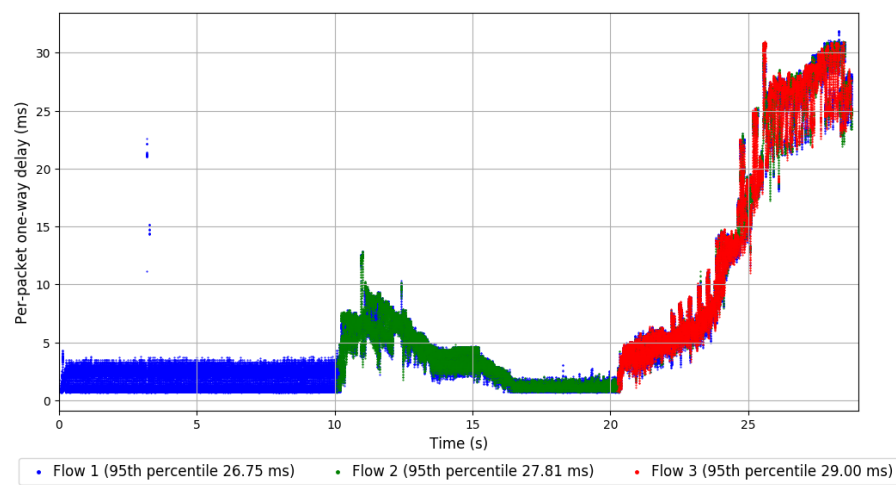
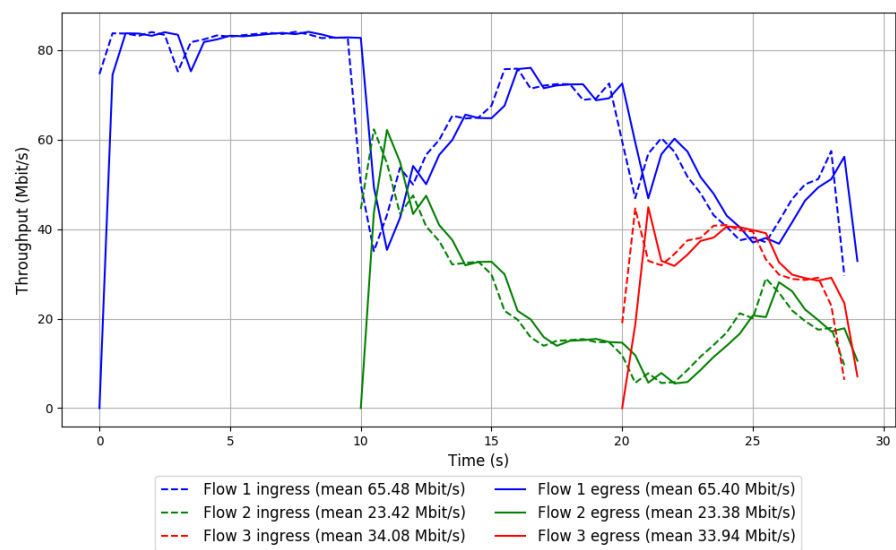


Run 3: Statistics of Indigo-MusesD

Start at: 2020-02-18 02:23:20
End at: 2020-02-18 02:23:50
Local clock offset: -5.035 ms
Remote clock offset: -0.276 ms

Below is generated by plot.py at 2020-02-18 03:42:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.62 Mbit/s
95th percentile per-packet one-way delay: 27.477 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 65.40 Mbit/s
95th percentile per-packet one-way delay: 26.754 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 23.38 Mbit/s
95th percentile per-packet one-way delay: 27.810 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 28.997 ms
Loss rate: 0.13%

Run 3: Report of Indigo-MusesD — Data Link

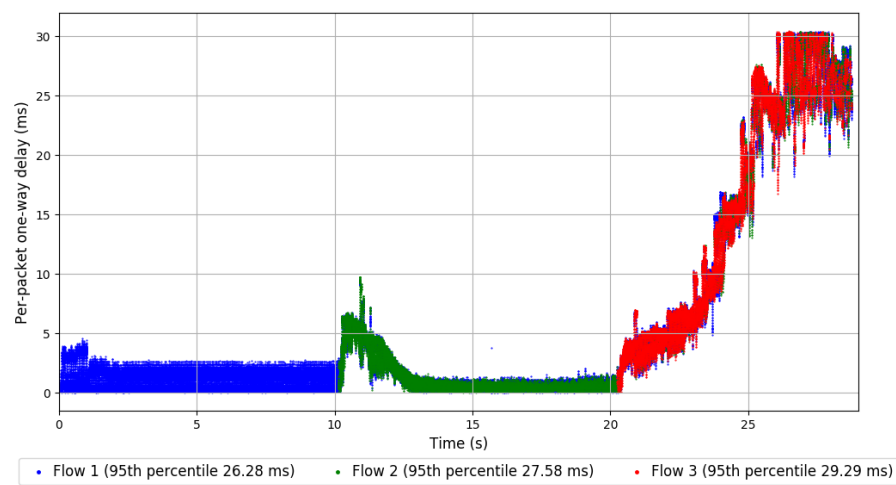
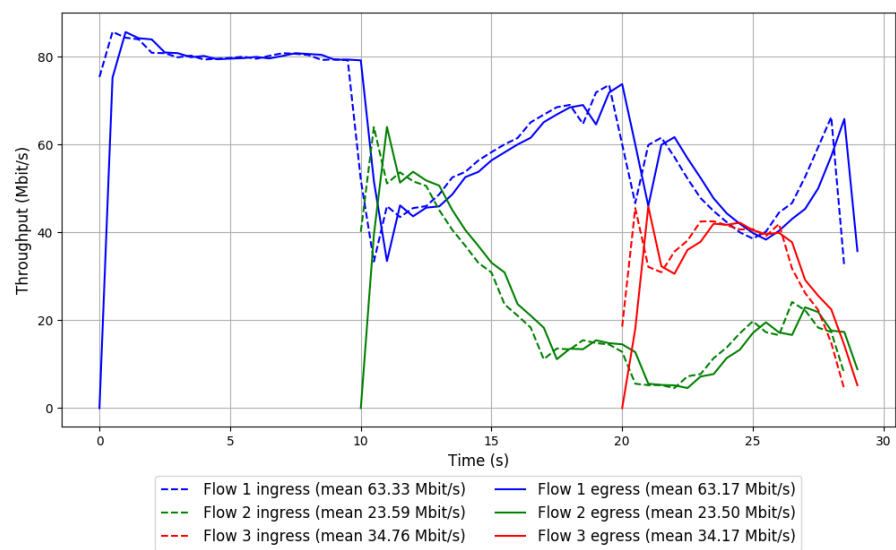


Run 4: Statistics of Indigo-MusesD

Start at: 2020-02-18 02:50:34
End at: 2020-02-18 02:51:04
Local clock offset: -4.576 ms
Remote clock offset: -0.089 ms

Below is generated by plot.py at 2020-02-18 03:42:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 27.190 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 63.17 Mbit/s
95th percentile per-packet one-way delay: 26.277 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 23.50 Mbit/s
95th percentile per-packet one-way delay: 27.583 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 29.285 ms
Loss rate: 1.42%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2020-02-18 03:17:58

End at: 2020-02-18 03:18:28

Local clock offset: -4.367 ms

Remote clock offset: 0.016 ms

Below is generated by plot.py at 2020-02-18 03:42:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.03 Mbit/s

95th percentile per-packet one-way delay: 6.337 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 60.45 Mbit/s

95th percentile per-packet one-way delay: 5.995 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 27.36 Mbit/s

95th percentile per-packet one-way delay: 3.153 ms

Loss rate: 0.00%

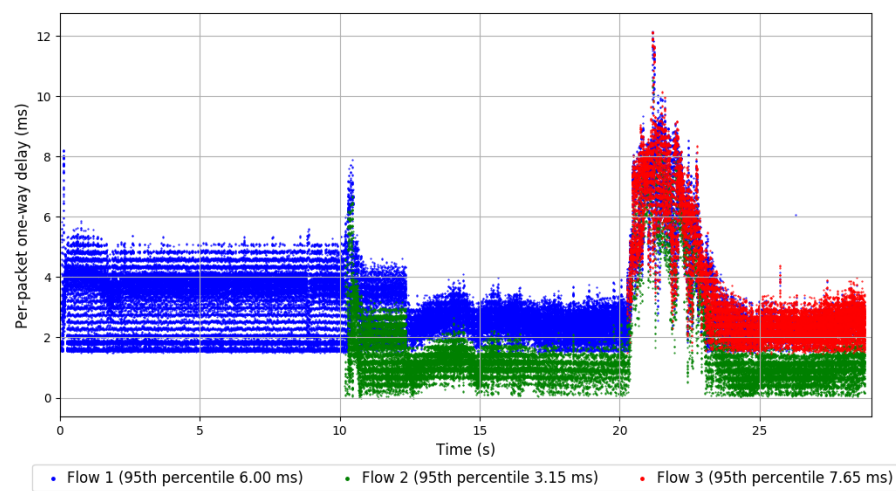
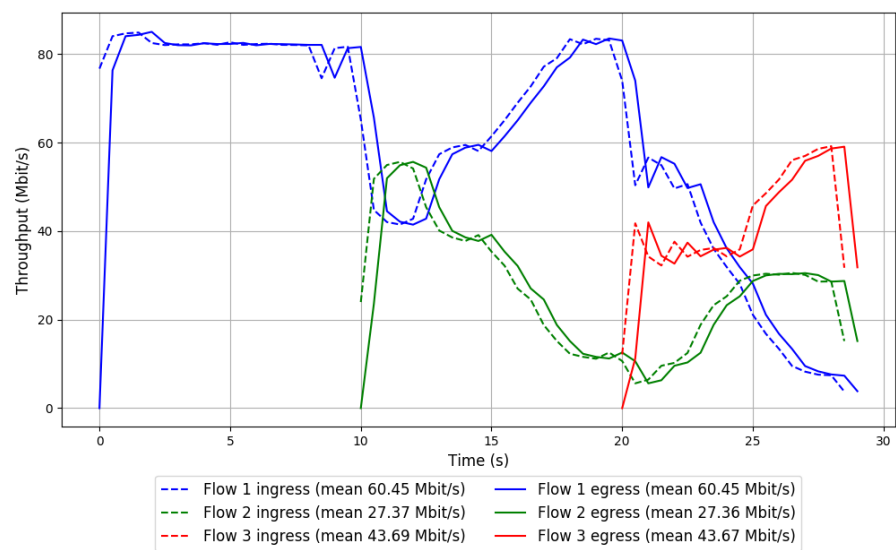
-- Flow 3:

Average throughput: 43.67 Mbit/s

95th percentile per-packet one-way delay: 7.650 ms

Loss rate: 0.03%

Run 5: Report of Indigo-MusesD — Data Link

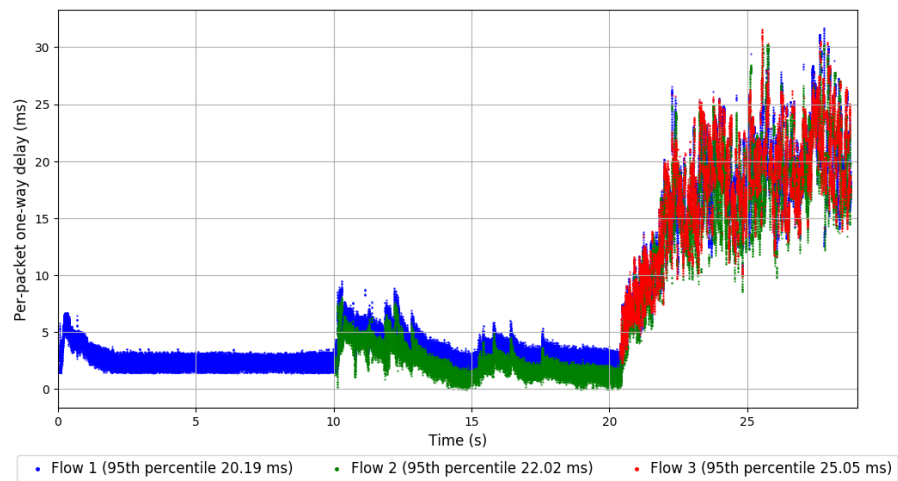
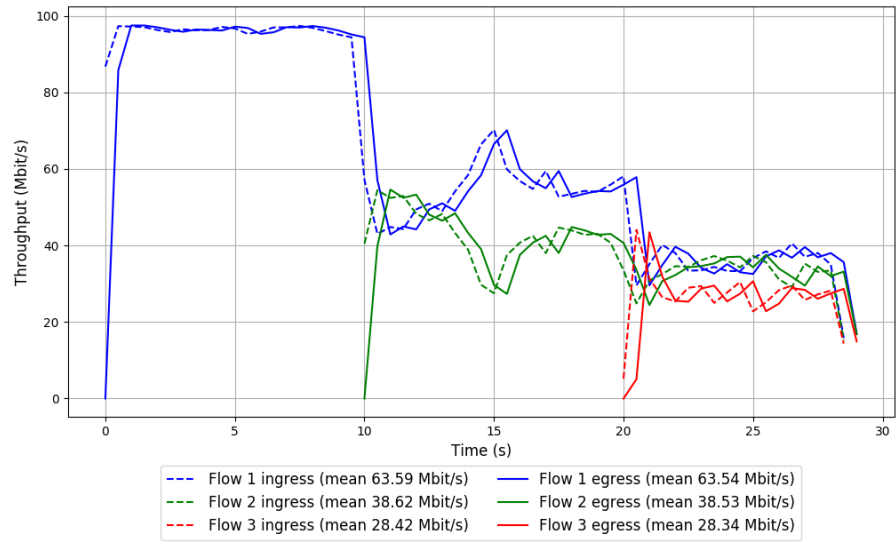


Run 1: Statistics of Indigo-MusesT

Start at: 2020-02-18 01:33:19
End at: 2020-02-18 01:33:49
Local clock offset: -5.43 ms
Remote clock offset: -0.312 ms

Below is generated by plot.py at 2020-02-18 03:42:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 21.922 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 63.54 Mbit/s
95th percentile per-packet one-way delay: 20.190 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 38.53 Mbit/s
95th percentile per-packet one-way delay: 22.016 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 28.34 Mbit/s
95th percentile per-packet one-way delay: 25.045 ms
Loss rate: 0.08%

Run 1: Report of Indigo-MusesT — Data Link

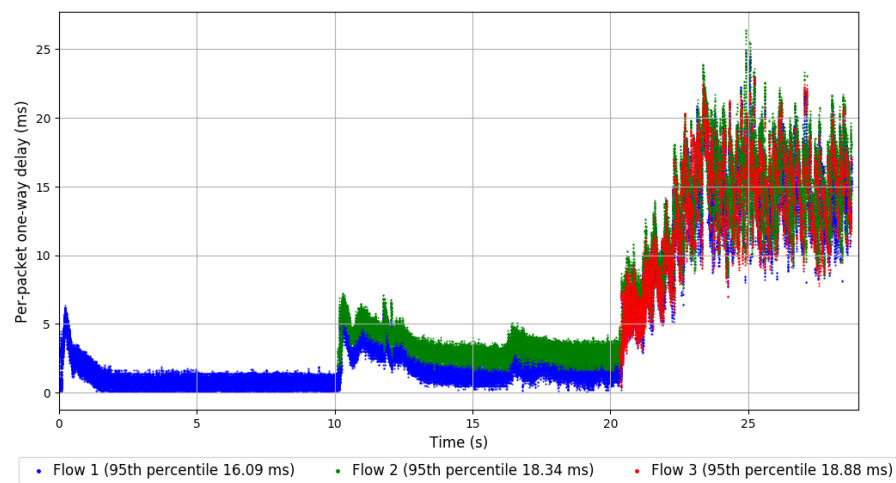
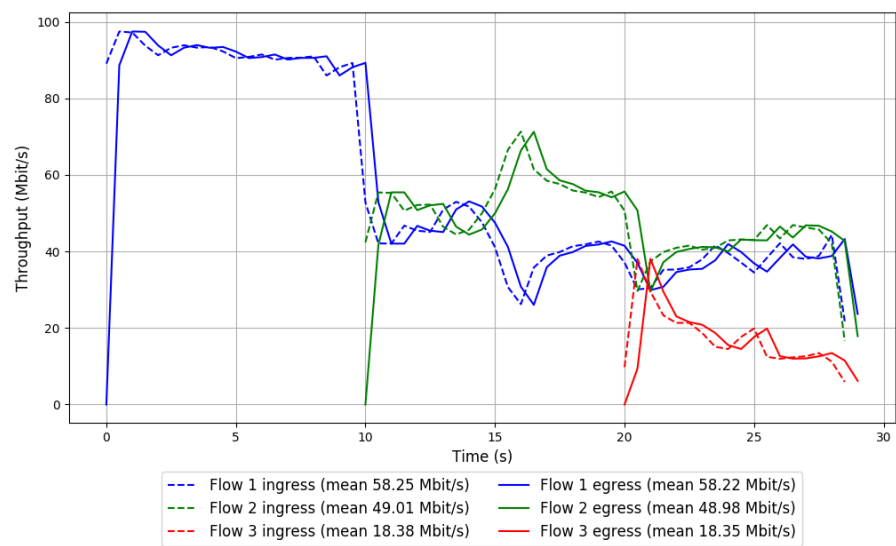


Run 2: Statistics of Indigo-MusesT

Start at: 2020-02-18 02:00:36
End at: 2020-02-18 02:01:06
Local clock offset: -5.745 ms
Remote clock offset: -0.286 ms

Below is generated by plot.py at 2020-02-18 03:42:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 17.303 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.22 Mbit/s
95th percentile per-packet one-way delay: 16.086 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.98 Mbit/s
95th percentile per-packet one-way delay: 18.343 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.35 Mbit/s
95th percentile per-packet one-way delay: 18.878 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link

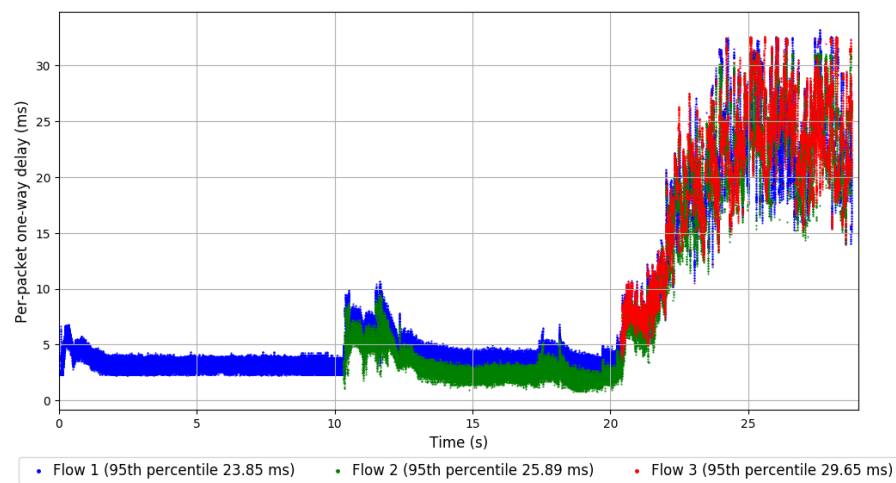
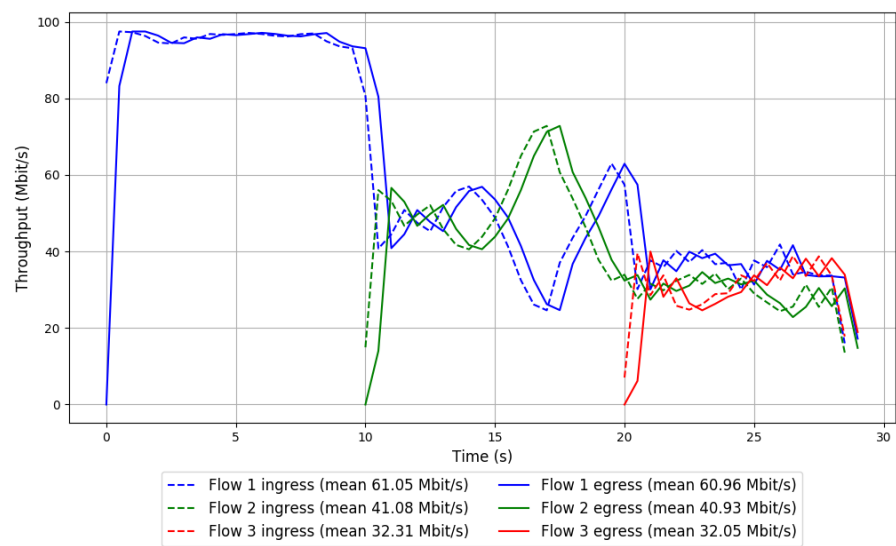


Run 3: Statistics of Indigo-MusesT

Start at: 2020-02-18 02:27:50
End at: 2020-02-18 02:28:20
Local clock offset: -5.038 ms
Remote clock offset: -0.214 ms

Below is generated by plot.py at 2020-02-18 03:43:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 26.075 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 60.96 Mbit/s
95th percentile per-packet one-way delay: 23.850 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.93 Mbit/s
95th percentile per-packet one-way delay: 25.887 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 32.05 Mbit/s
95th percentile per-packet one-way delay: 29.647 ms
Loss rate: 0.54%

Run 3: Report of Indigo-MusesT — Data Link

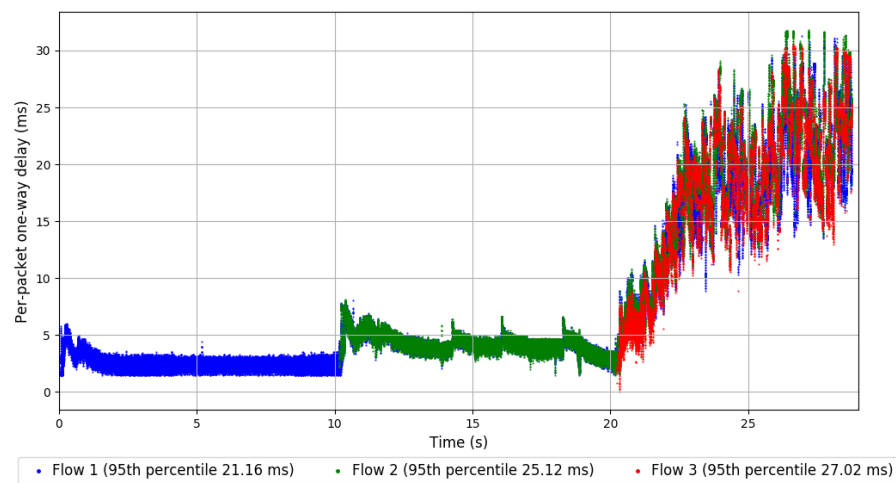
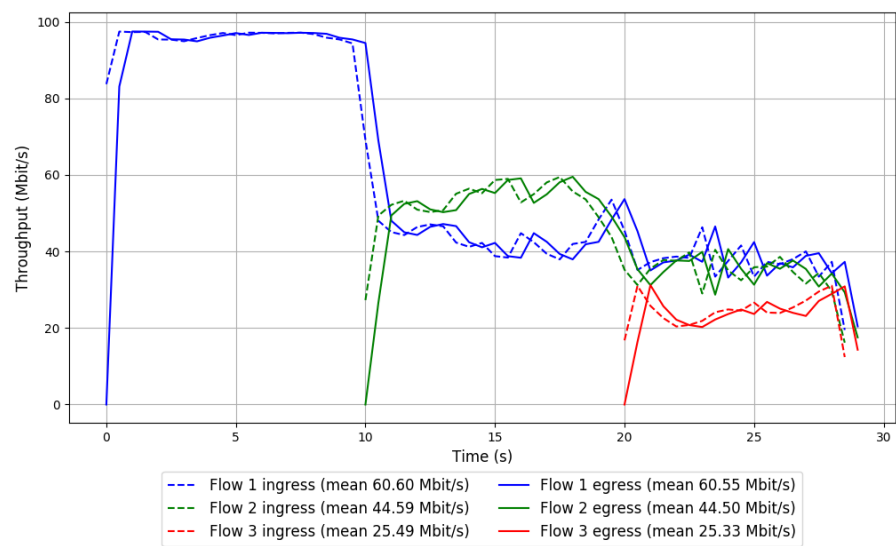


Run 4: Statistics of Indigo-MusesT

Start at: 2020-02-18 02:55:06
End at: 2020-02-18 02:55:36
Local clock offset: -4.595 ms
Remote clock offset: -0.157 ms

Below is generated by plot.py at 2020-02-18 03:43:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 23.672 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 60.55 Mbit/s
95th percentile per-packet one-way delay: 21.164 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.50 Mbit/s
95th percentile per-packet one-way delay: 25.124 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 25.33 Mbit/s
95th percentile per-packet one-way delay: 27.021 ms
Loss rate: 0.42%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2020-02-18 03:22:29

End at: 2020-02-18 03:22:59

Local clock offset: -5.095 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2020-02-18 03:43:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 21.411 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 63.12 Mbit/s

95th percentile per-packet one-way delay: 20.401 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 40.99 Mbit/s

95th percentile per-packet one-way delay: 21.693 ms

Loss rate: 0.00%

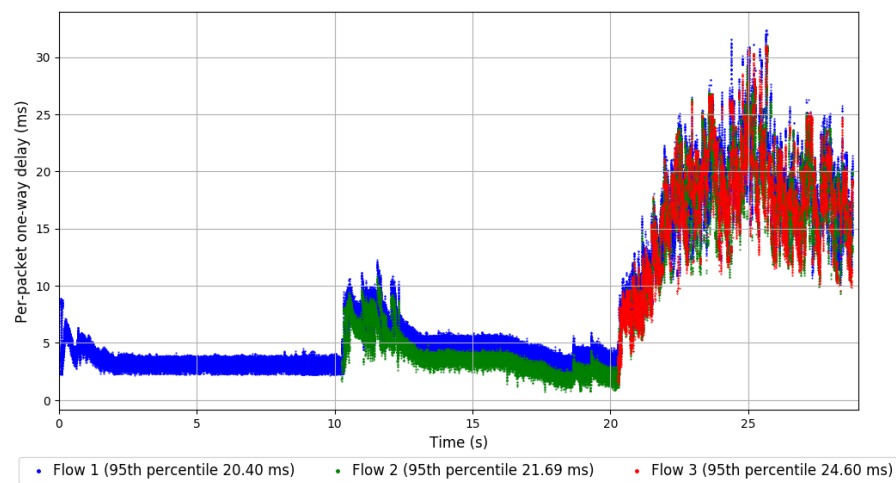
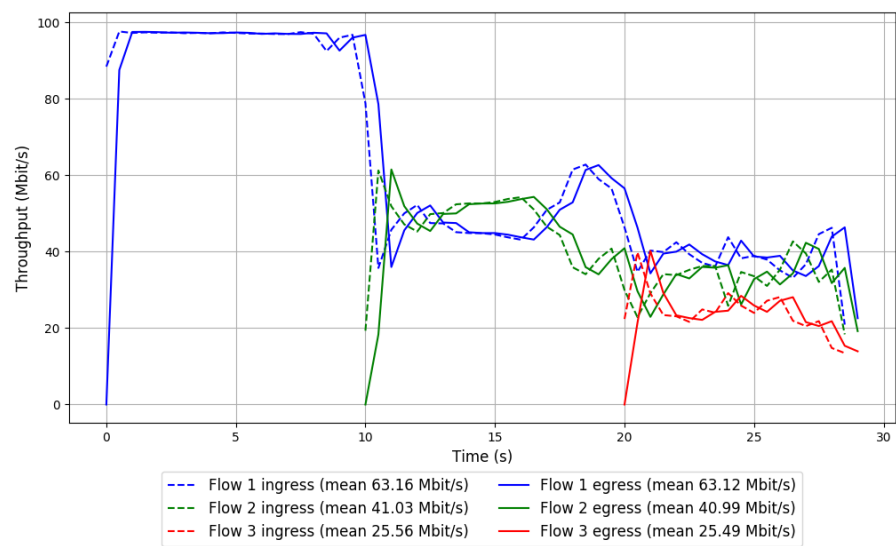
-- Flow 3:

Average throughput: 25.49 Mbit/s

95th percentile per-packet one-way delay: 24.597 ms

Loss rate: 0.10%

Run 5: Report of Indigo-MusesT — Data Link

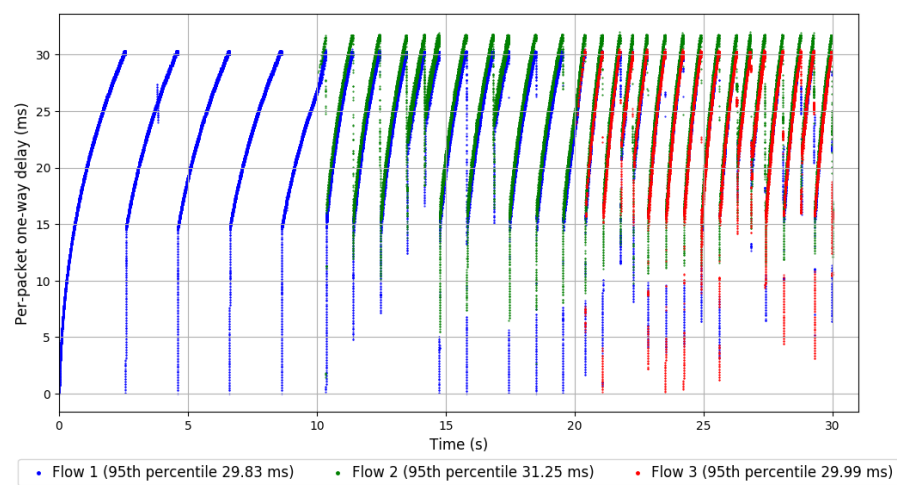
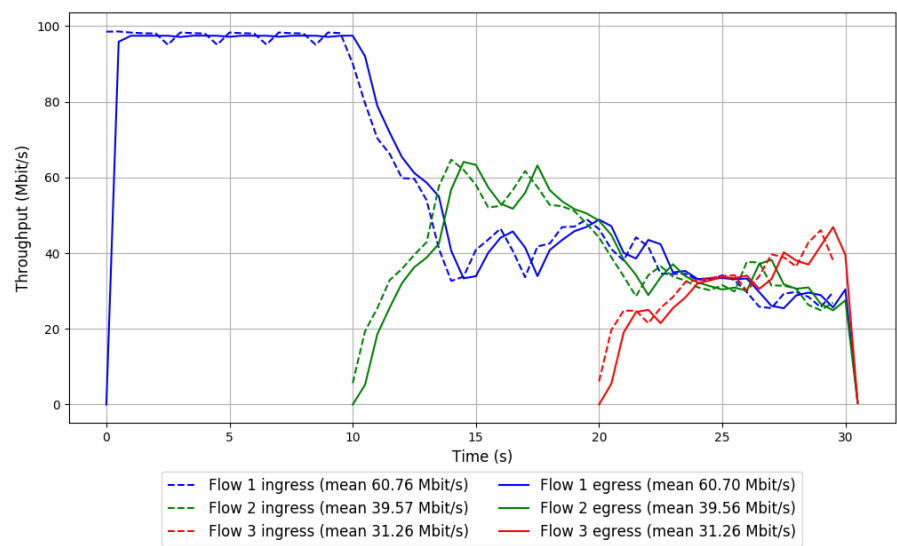


Run 1: Statistics of LEDBAT

Start at: 2020-02-18 01:22:01
End at: 2020-02-18 01:22:32
Local clock offset: -5.032 ms
Remote clock offset: -0.265 ms

Below is generated by plot.py at 2020-02-18 03:43:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 30.244 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 60.70 Mbit/s
95th percentile per-packet one-way delay: 29.834 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.56 Mbit/s
95th percentile per-packet one-way delay: 31.251 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 29.994 ms
Loss rate: 0.09%

Run 1: Report of LEDBAT — Data Link

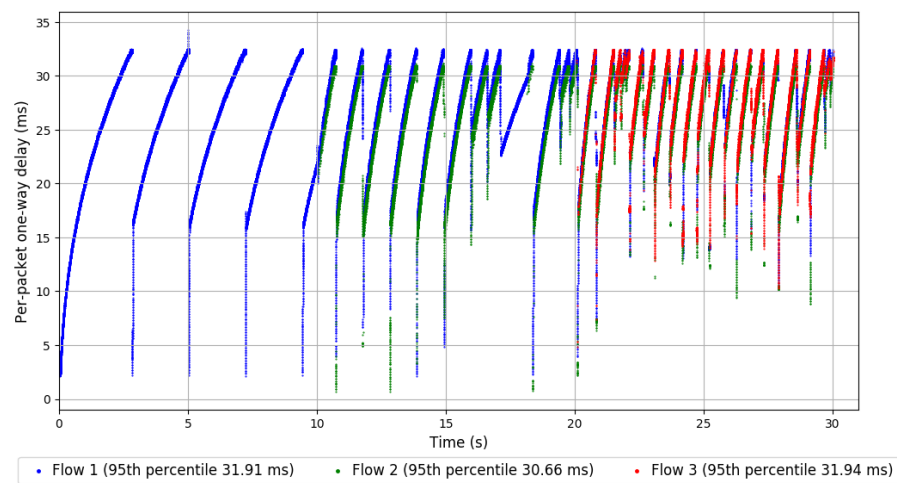
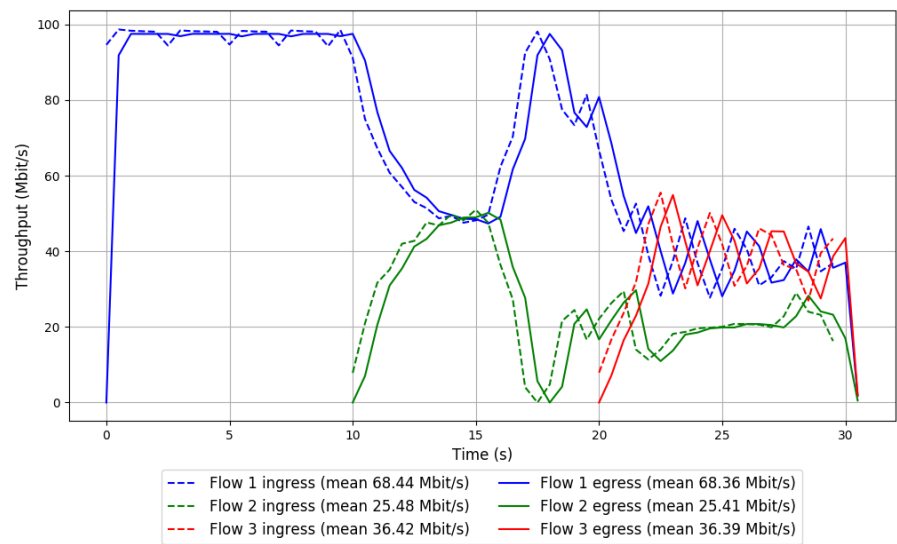


Run 2: Statistics of LEDBAT

Start at: 2020-02-18 01:49:17
End at: 2020-02-18 01:49:47
Local clock offset: -6.711 ms
Remote clock offset: -0.336 ms

Below is generated by plot.py at 2020-02-18 03:43:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 31.880 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 68.36 Mbit/s
95th percentile per-packet one-way delay: 31.908 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 25.41 Mbit/s
95th percentile per-packet one-way delay: 30.665 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 36.39 Mbit/s
95th percentile per-packet one-way delay: 31.939 ms
Loss rate: 0.08%

Run 2: Report of LEDBAT — Data Link

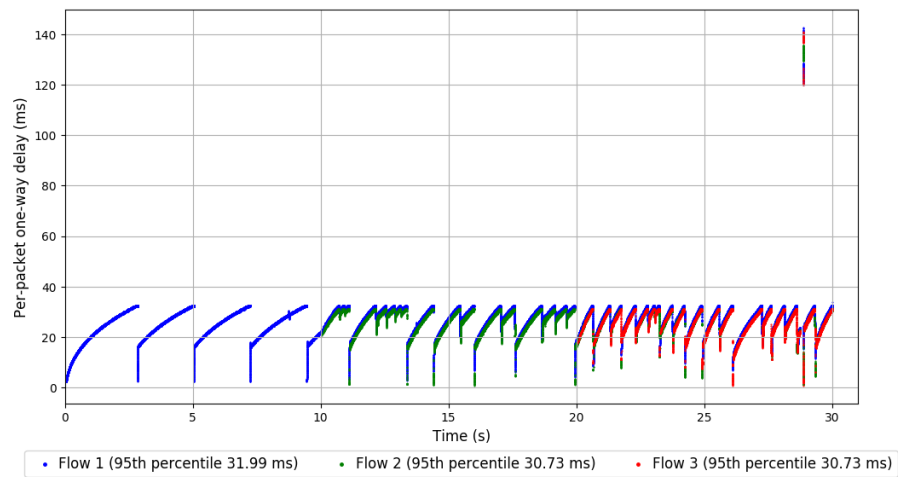
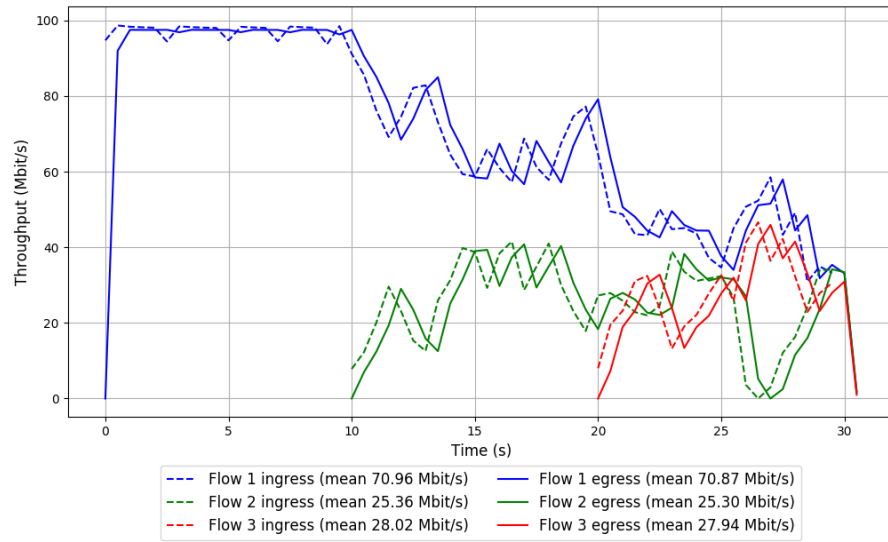


Run 3: Statistics of LEDBAT

Start at: 2020-02-18 02:16:33
End at: 2020-02-18 02:17:03
Local clock offset: -5.186 ms
Remote clock offset: -0.271 ms

Below is generated by plot.py at 2020-02-18 03:43:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 31.925 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 70.87 Mbit/s
95th percentile per-packet one-way delay: 31.992 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 25.30 Mbit/s
95th percentile per-packet one-way delay: 30.734 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 27.94 Mbit/s
95th percentile per-packet one-way delay: 30.728 ms
Loss rate: 0.18%

Run 3: Report of LEDBAT — Data Link

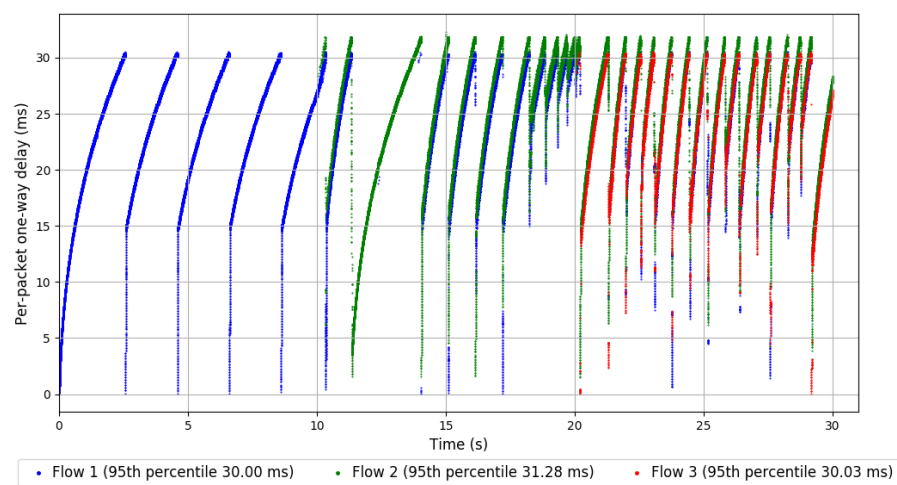
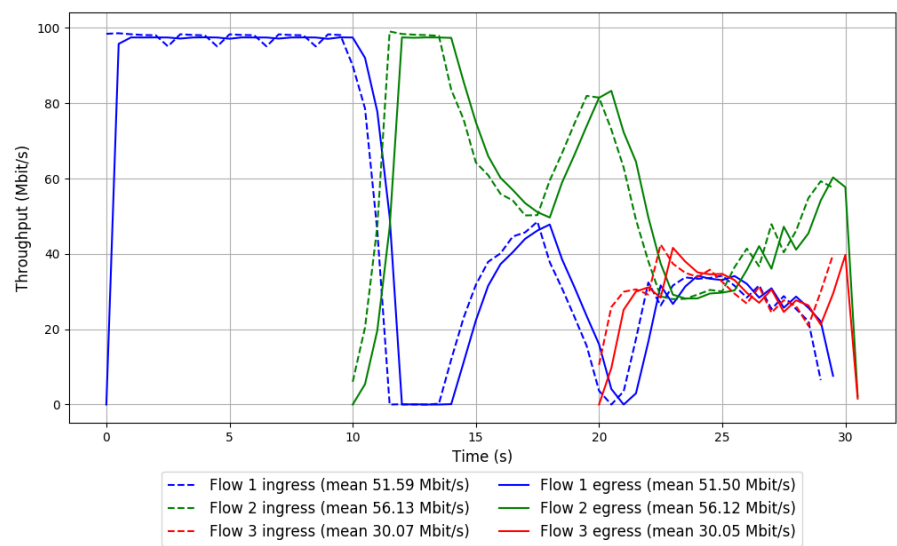


Run 4: Statistics of LEDBAT

Start at: 2020-02-18 02:43:48
End at: 2020-02-18 02:44:18
Local clock offset: -4.55 ms
Remote clock offset: -0.119 ms

Below is generated by plot.py at 2020-02-18 03:44:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 30.539 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 51.50 Mbit/s
95th percentile per-packet one-way delay: 30.003 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 56.12 Mbit/s
95th percentile per-packet one-way delay: 31.284 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 30.05 Mbit/s
95th percentile per-packet one-way delay: 30.027 ms
Loss rate: 0.11%

Run 4: Report of LEDBAT — Data Link

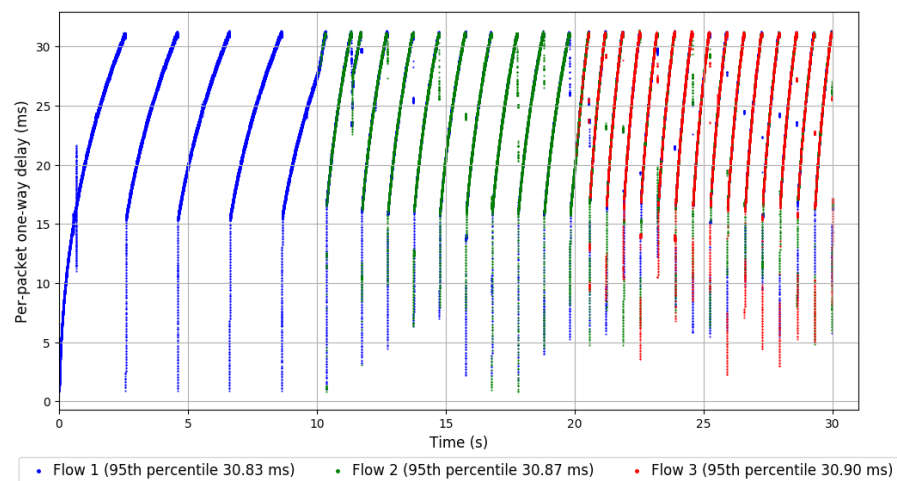
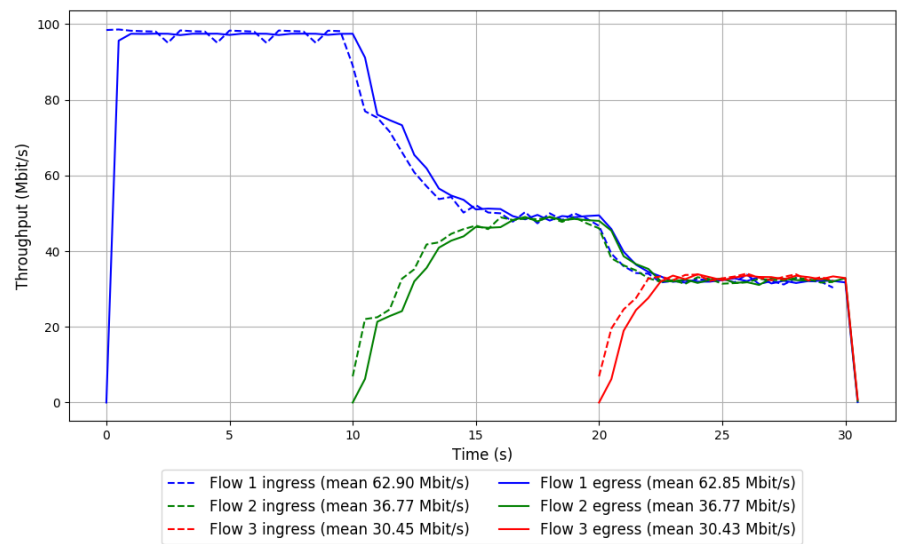


Run 5: Statistics of LEDBAT

Start at: 2020-02-18 03:11:06
End at: 2020-02-18 03:11:36
Local clock offset: -5.184 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2020-02-18 03:44:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 30.851 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 62.85 Mbit/s
95th percentile per-packet one-way delay: 30.830 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.77 Mbit/s
95th percentile per-packet one-way delay: 30.870 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 30.43 Mbit/s
95th percentile per-packet one-way delay: 30.903 ms
Loss rate: 0.10%

Run 5: Report of LEDBAT — Data Link

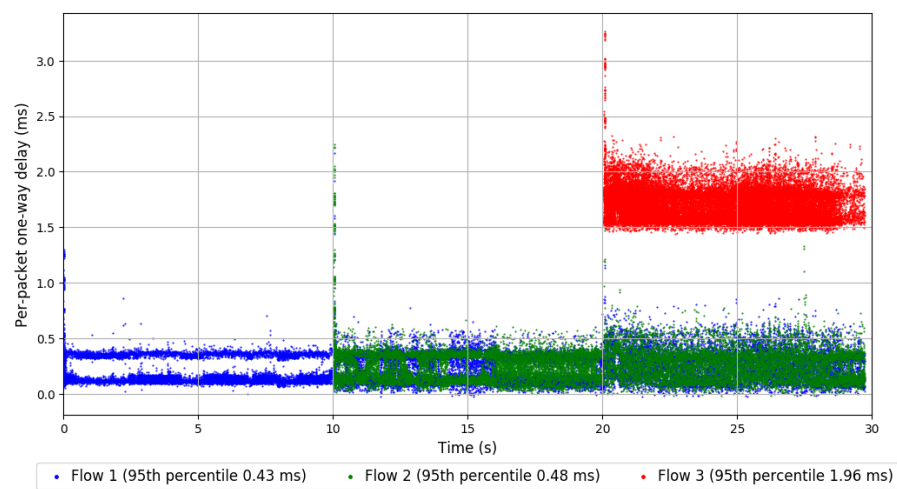
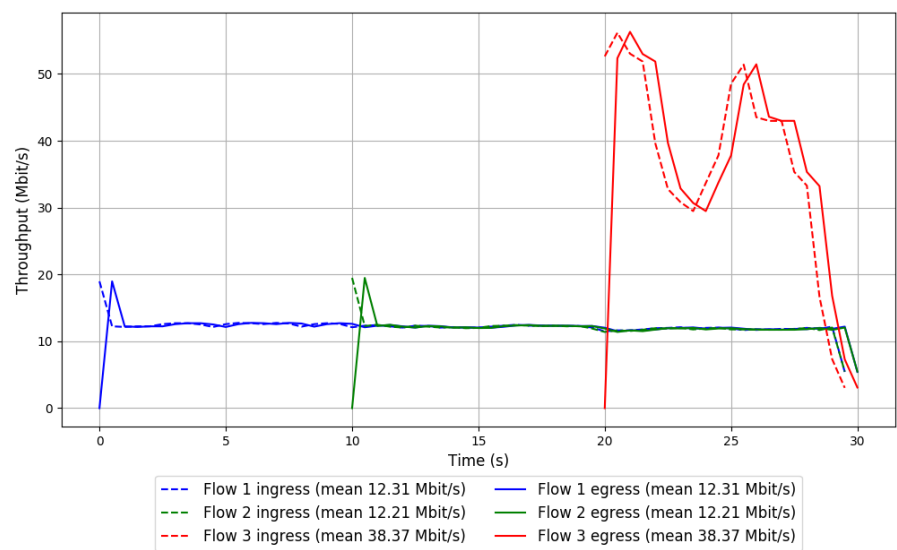


Run 1: Statistics of Muses_DecisionTree

Start at: 2020-02-18 01:34:28
End at: 2020-02-18 01:34:58
Local clock offset: -5.543 ms
Remote clock offset: -0.294 ms

Below is generated by plot.py at 2020-02-18 03:44:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.91 Mbit/s
95th percentile per-packet one-way delay: 1.849 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 0.433 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.21 Mbit/s
95th percentile per-packet one-way delay: 0.482 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 38.37 Mbit/s
95th percentile per-packet one-way delay: 1.959 ms
Loss rate: 0.00%

Run 1: Report of Muses_DecisionTree — Data Link



Run 2: Statistics of Muses_DecisionTree

Start at: 2020-02-18 02:01:45

End at: 2020-02-18 02:02:15

Local clock offset: -6.264 ms

Remote clock offset: -0.3 ms

Below is generated by plot.py at 2020-02-18 03:44:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 24.46 Mbit/s

95th percentile per-packet one-way delay: 1.191 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 12.40 Mbit/s

95th percentile per-packet one-way delay: 1.177 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 12.26 Mbit/s

95th percentile per-packet one-way delay: 1.198 ms

Loss rate: 0.00%

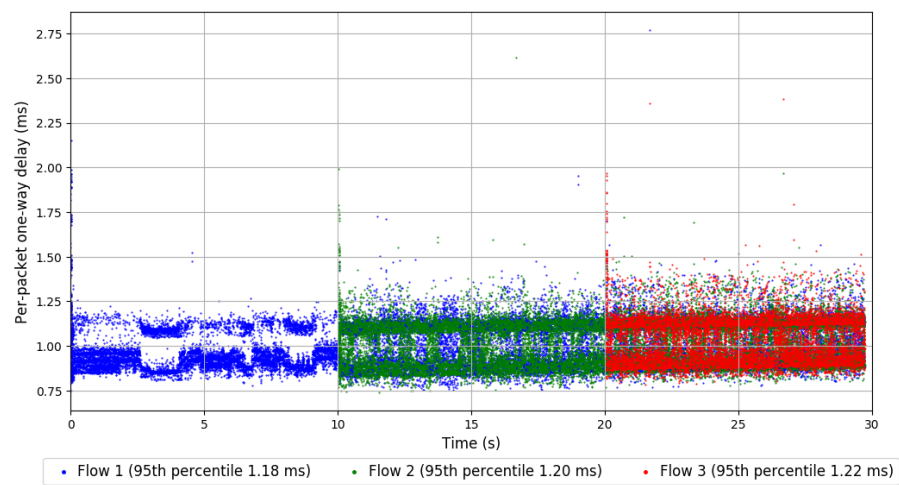
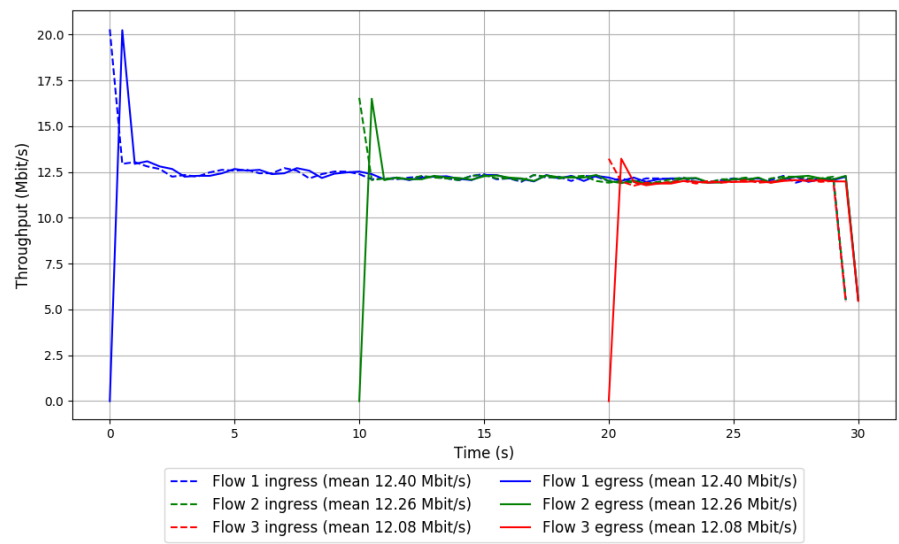
-- Flow 3:

Average throughput: 12.08 Mbit/s

95th percentile per-packet one-way delay: 1.221 ms

Loss rate: 0.00%

Run 2: Report of Muses_DecisionTree — Data Link



Run 3: Statistics of Muses_DecisionTree

Start at: 2020-02-18 02:28:59

End at: 2020-02-18 02:29:29

Local clock offset: -4.284 ms

Remote clock offset: -0.21 ms

Below is generated by plot.py at 2020-02-18 03:44:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.36 Mbit/s

95th percentile per-packet one-way delay: 1.853 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 7.62 Mbit/s

95th percentile per-packet one-way delay: 1.842 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 12.24 Mbit/s

95th percentile per-packet one-way delay: 0.393 ms

Loss rate: 0.00%

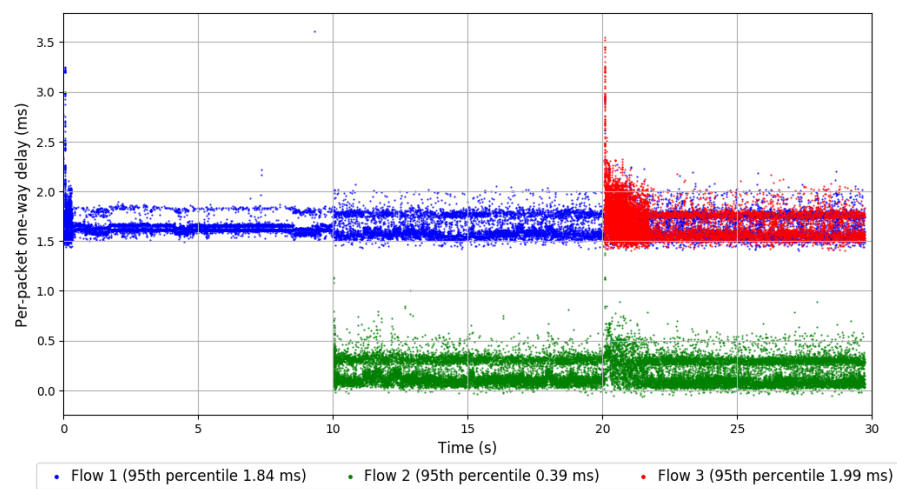
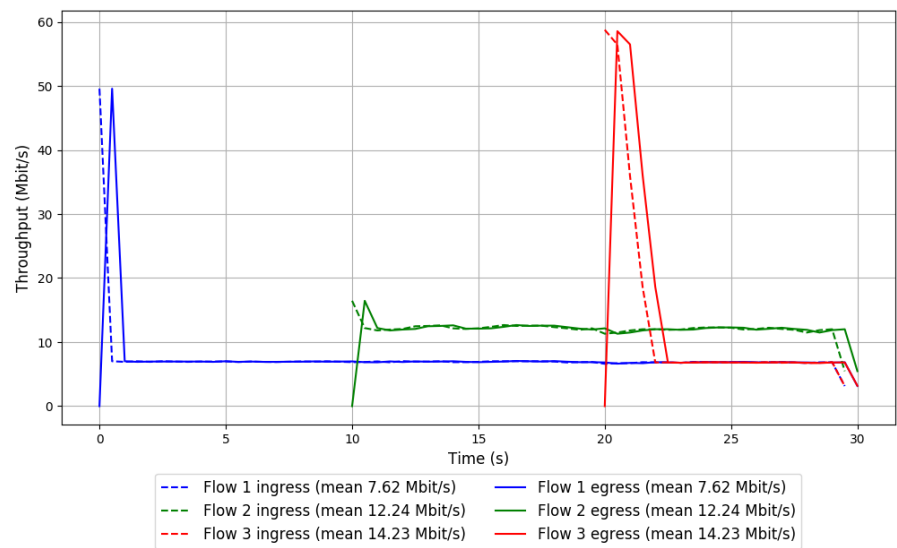
-- Flow 3:

Average throughput: 14.23 Mbit/s

95th percentile per-packet one-way delay: 1.994 ms

Loss rate: 0.00%

Run 3: Report of Muses_DecisionTree — Data Link

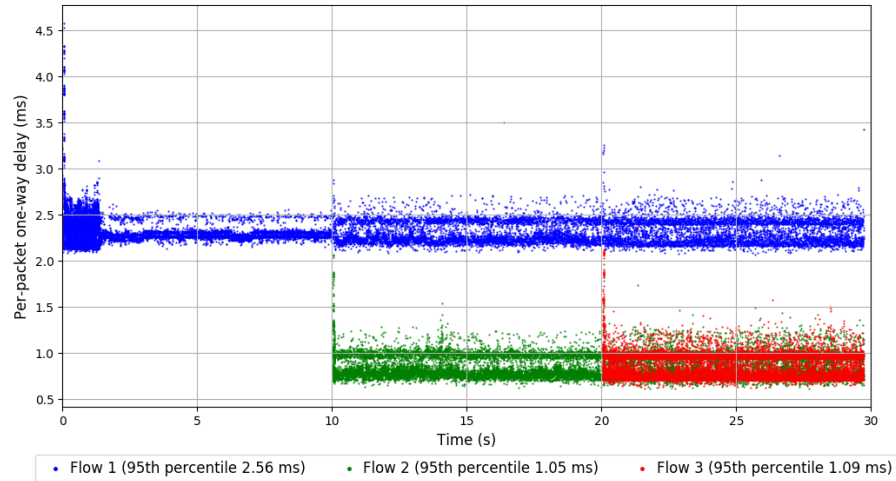
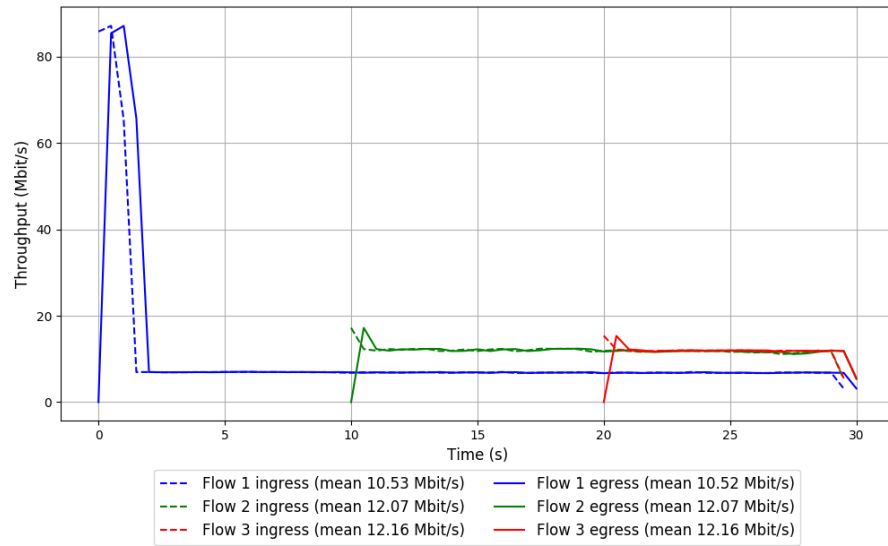


Run 4: Statistics of Muses_DecisionTree

Start at: 2020-02-18 02:56:15
End at: 2020-02-18 02:56:45
Local clock offset: -5.307 ms
Remote clock offset: -0.193 ms

Below is generated by plot.py at 2020-02-18 03:44:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: 2.470 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: 2.555 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.07 Mbit/s
95th percentile per-packet one-way delay: 1.046 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.16 Mbit/s
95th percentile per-packet one-way delay: 1.095 ms
Loss rate: 0.00%

Run 4: Report of Muses_DecisionTree — Data Link

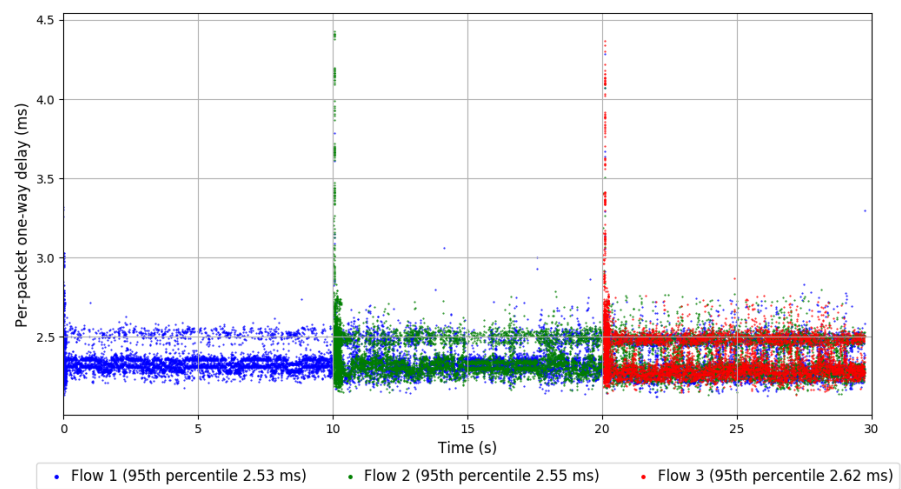
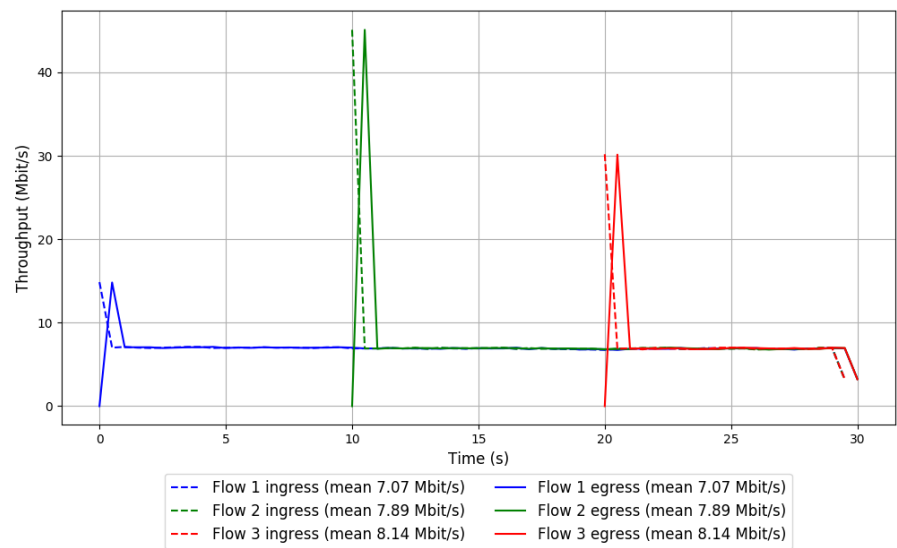


Run 5: Statistics of Muses_DecisionTree

Start at: 2020-02-18 03:23:38
End at: 2020-02-18 03:24:08
Local clock offset: -5.084 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2020-02-18 03:44:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.95 Mbit/s
95th percentile per-packet one-way delay: 2.543 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.07 Mbit/s
95th percentile per-packet one-way delay: 2.526 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 7.89 Mbit/s
95th percentile per-packet one-way delay: 2.553 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 2.615 ms
Loss rate: 0.00%

Run 5: Report of Muses_DecisionTree — Data Link

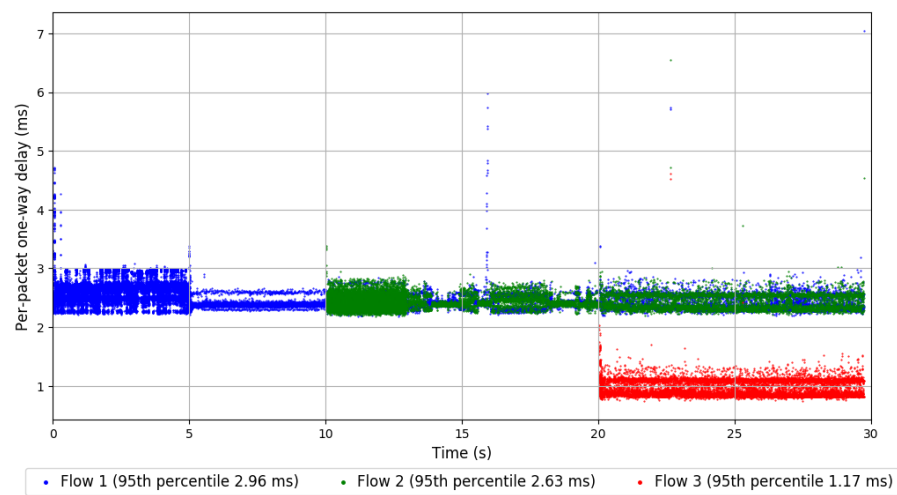
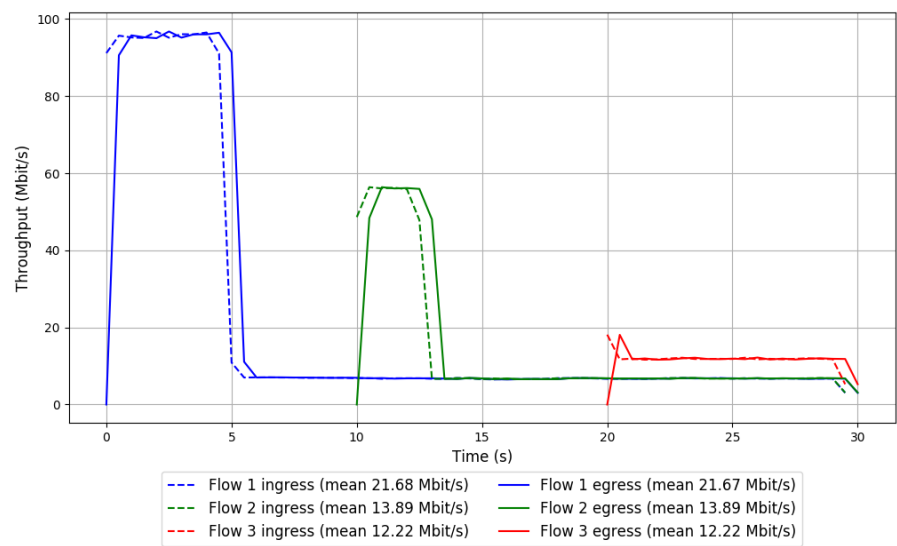


Run 1: Statistics of Muses_DecisionTreeH0

Start at: 2020-02-18 01:24:21
End at: 2020-02-18 01:24:51
Local clock offset: -5.801 ms
Remote clock offset: -0.255 ms

Below is generated by plot.py at 2020-02-18 03:44:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.86 Mbit/s
95th percentile per-packet one-way delay: 2.873 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.67 Mbit/s
95th percentile per-packet one-way delay: 2.955 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.89 Mbit/s
95th percentile per-packet one-way delay: 2.628 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.22 Mbit/s
95th percentile per-packet one-way delay: 1.167 ms
Loss rate: 0.00%

Run 1: Report of Muses_DecisionTreeH0 — Data Link

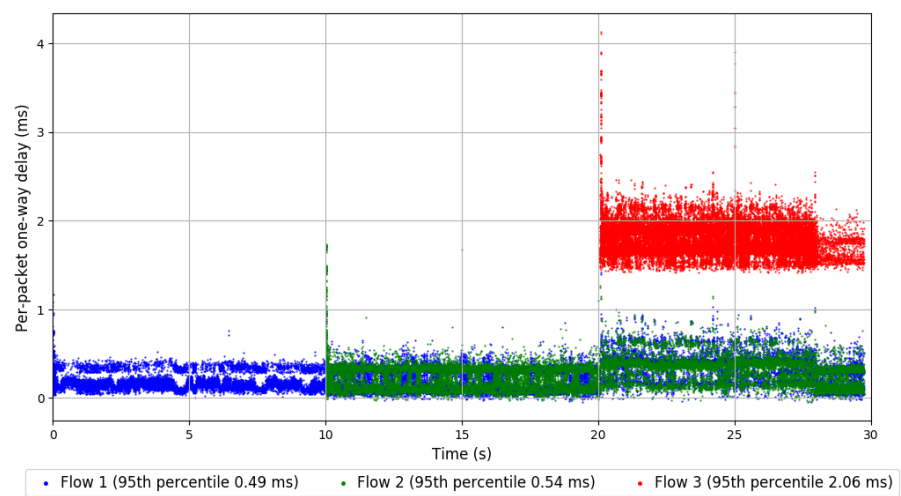
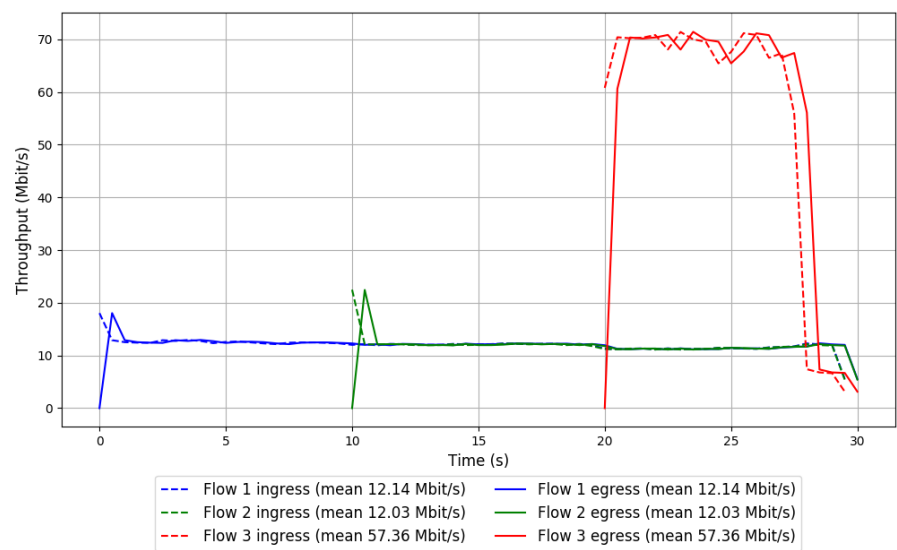


Run 2: Statistics of Muses_DecisionTreeH0

Start at: 2020-02-18 01:51:37
End at: 2020-02-18 01:52:07
Local clock offset: -6.123 ms
Remote clock offset: -0.353 ms

Below is generated by plot.py at 2020-02-18 03:44:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.78 Mbit/s
95th percentile per-packet one-way delay: 1.961 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.14 Mbit/s
95th percentile per-packet one-way delay: 0.489 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.03 Mbit/s
95th percentile per-packet one-way delay: 0.541 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.36 Mbit/s
95th percentile per-packet one-way delay: 2.059 ms
Loss rate: 0.00%

Run 2: Report of Muses_DecisionTreeH0 — Data Link

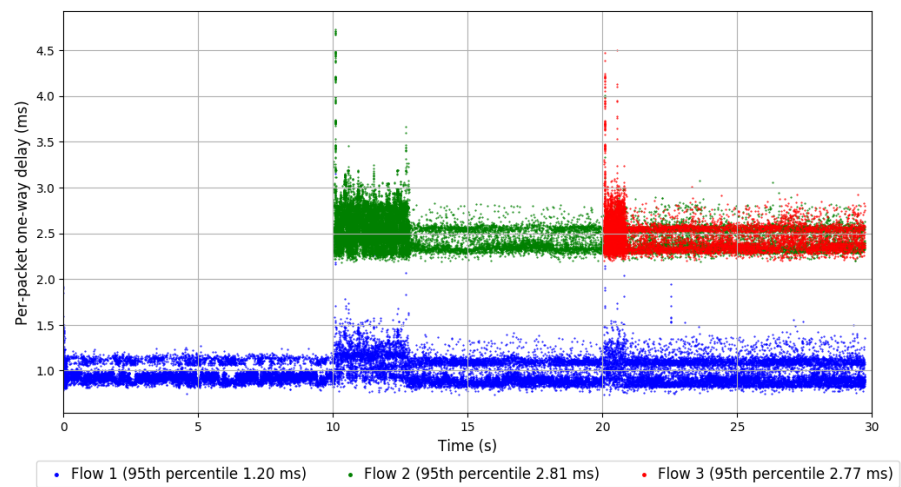
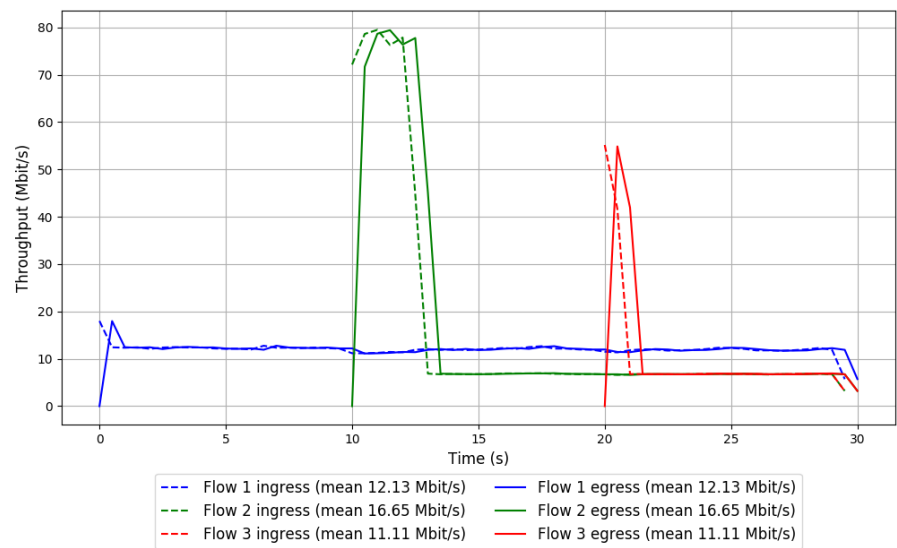


Run 3: Statistics of Muses_DecisionTreeH0

Start at: 2020-02-18 02:18:52
End at: 2020-02-18 02:19:22
Local clock offset: -5.193 ms
Remote clock offset: -0.305 ms

Below is generated by plot.py at 2020-02-18 03:44:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 2.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.13 Mbit/s
95th percentile per-packet one-way delay: 1.196 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.65 Mbit/s
95th percentile per-packet one-way delay: 2.812 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 11.11 Mbit/s
95th percentile per-packet one-way delay: 2.775 ms
Loss rate: 0.00%

Run 3: Report of Muses_DecisionTreeH0 — Data Link

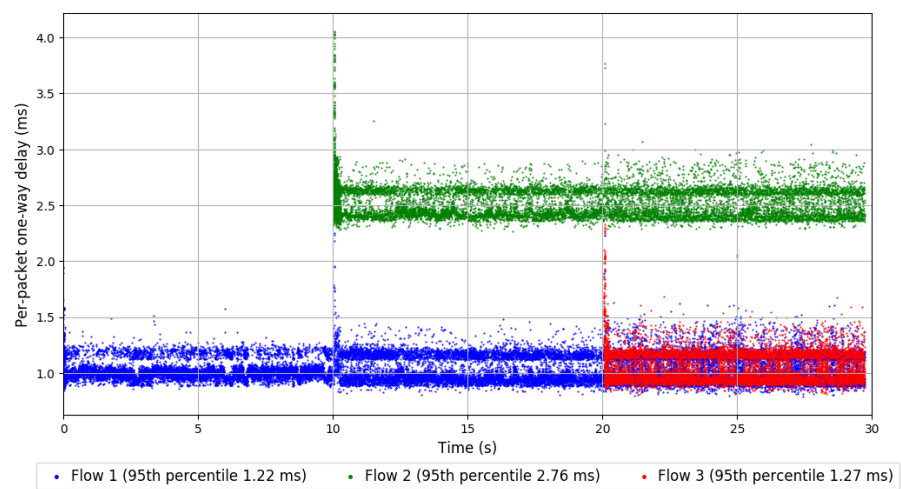
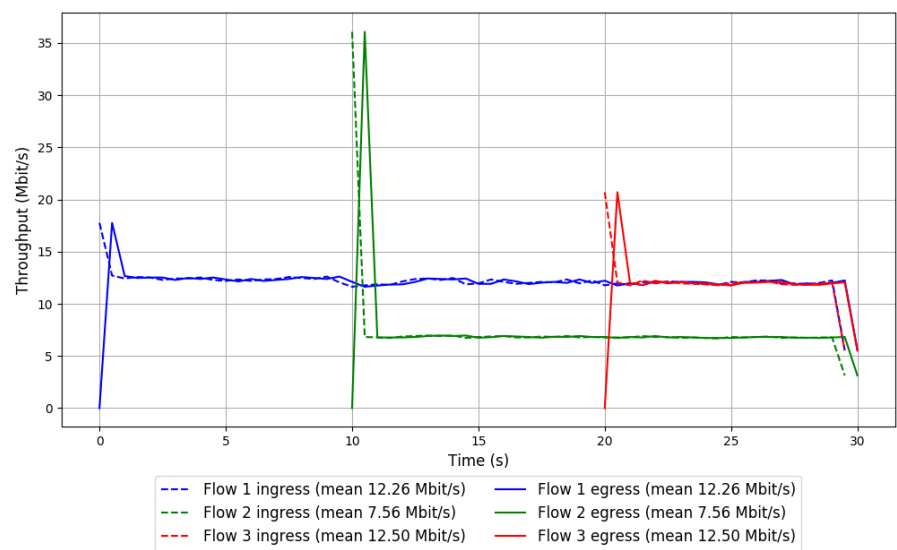


Run 4: Statistics of Muses_DecisionTreeH0

Start at: 2020-02-18 02:46:08
End at: 2020-02-18 02:46:38
Local clock offset: -5.342 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2020-02-18 03:44:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.34 Mbit/s
95th percentile per-packet one-way delay: 2.638 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.26 Mbit/s
95th percentile per-packet one-way delay: 1.218 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.56 Mbit/s
95th percentile per-packet one-way delay: 2.764 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.50 Mbit/s
95th percentile per-packet one-way delay: 1.275 ms
Loss rate: 0.00%

Run 4: Report of Muses_DecisionTreeH0 — Data Link

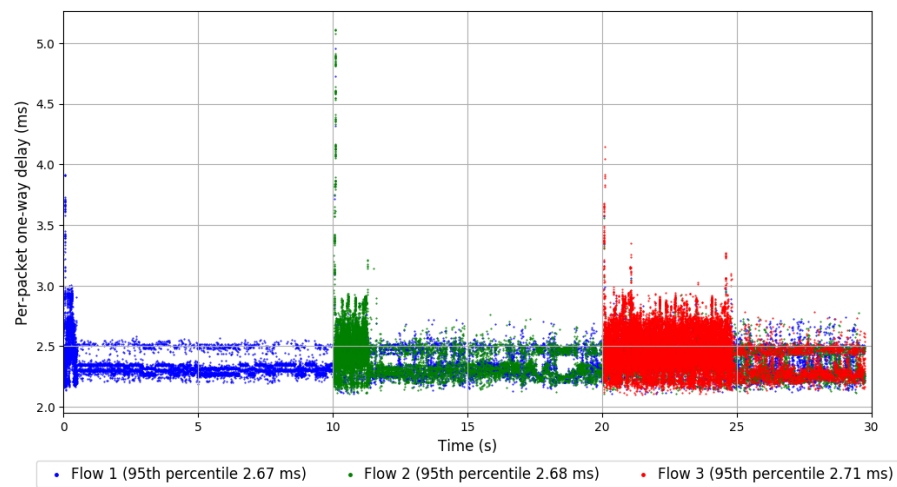
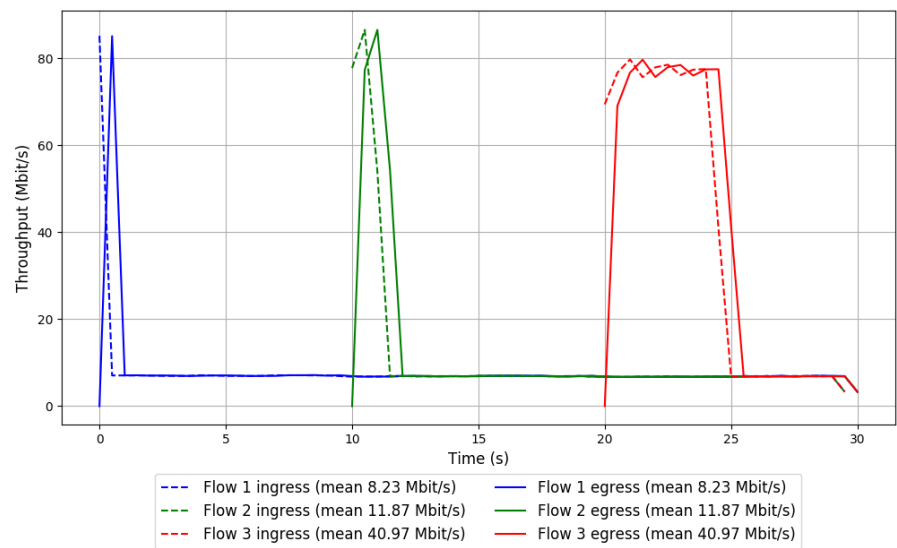


Run 5: Statistics of Muses_DecisionTreeH0

Start at: 2020-02-18 03:13:26
End at: 2020-02-18 03:13:56
Local clock offset: -5.099 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2020-02-18 03:44:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.46 Mbit/s
95th percentile per-packet one-way delay: 2.694 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.23 Mbit/s
95th percentile per-packet one-way delay: 2.665 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 11.87 Mbit/s
95th percentile per-packet one-way delay: 2.683 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.97 Mbit/s
95th percentile per-packet one-way delay: 2.714 ms
Loss rate: 0.00%

Run 5: Report of Muses_DecisionTreeH0 — Data Link

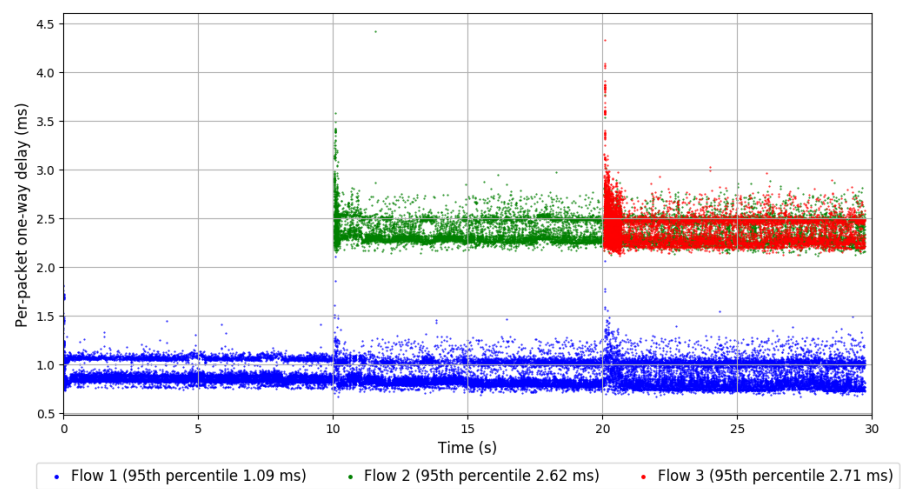
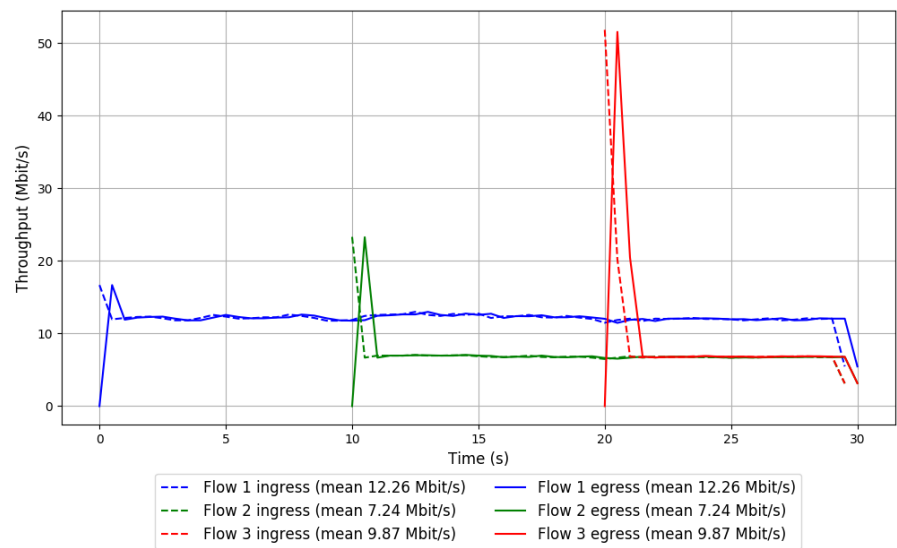


```
Run 1: Statistics of Muses\_DecisionTreeR0

Start at: 2020-02-18 01:27:41
End at: 2020-02-18 01:28:11
Local clock offset: -5.834 ms
Remote clock offset: -0.273 ms

# Below is generated by plot.py at 2020-02-18 03:44:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.27 Mbit/s
95th percentile per-packet one-way delay: 2.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.26 Mbit/s
95th percentile per-packet one-way delay: 1.086 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 2.625 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.87 Mbit/s
95th percentile per-packet one-way delay: 2.706 ms
Loss rate: 0.00%
```

Run 1: Report of Muses_DecisionTreeR0 — Data Link

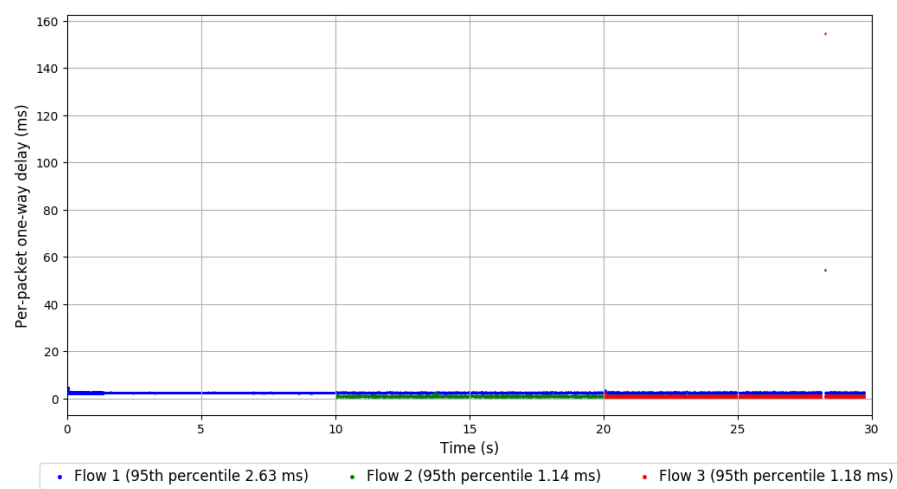
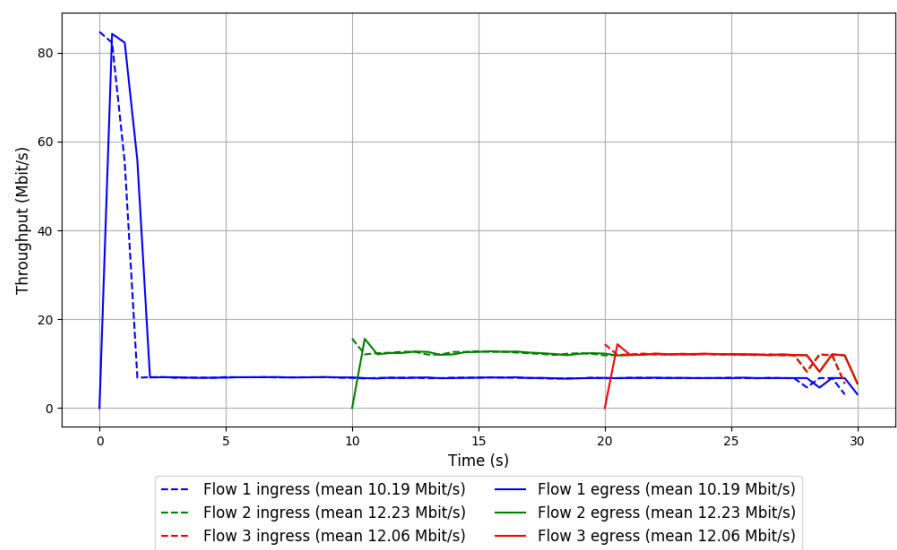


Run 2: Statistics of Muses_DecisionTreeR0

Start at: 2020-02-18 01:54:58
End at: 2020-02-18 01:55:28
Local clock offset: -6.875 ms
Remote clock offset: -0.244 ms

Below is generated by plot.py at 2020-02-18 03:44:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.23 Mbit/s
95th percentile per-packet one-way delay: 2.568 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.19 Mbit/s
95th percentile per-packet one-way delay: 2.632 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.23 Mbit/s
95th percentile per-packet one-way delay: 1.138 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.06 Mbit/s
95th percentile per-packet one-way delay: 1.179 ms
Loss rate: 0.00%

Run 2: Report of Muses_DecisionTreeR0 — Data Link

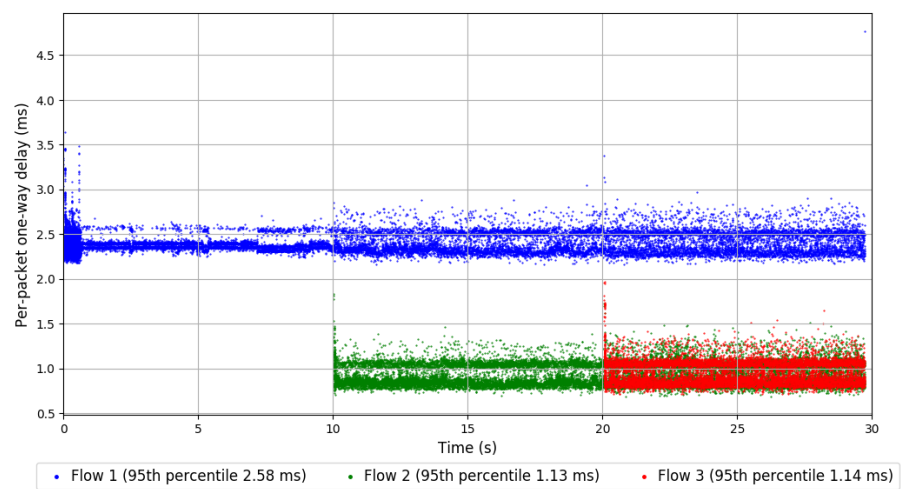
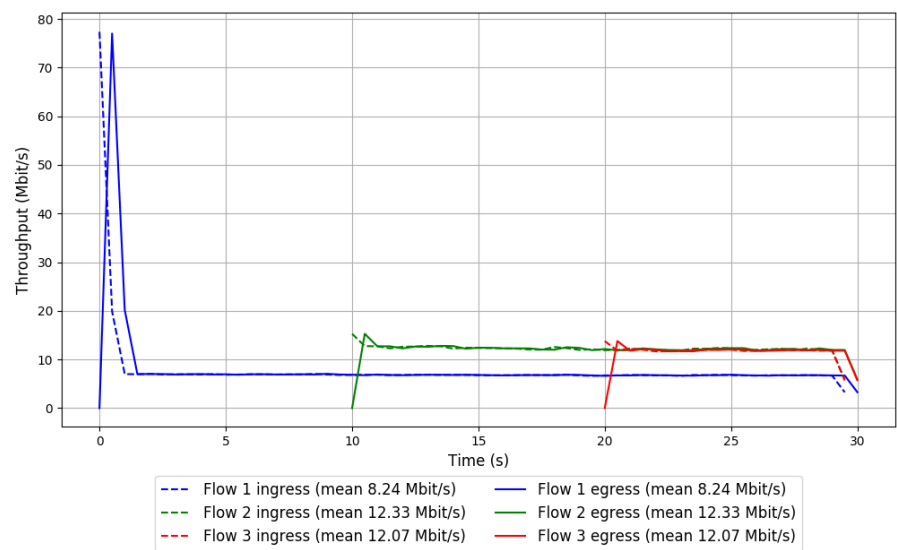


Run 3: Statistics of Muses_DecisionTreeR0

Start at: 2020-02-18 02:22:13
End at: 2020-02-18 02:22:43
Local clock offset: -5.055 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2020-02-18 03:44:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.33 Mbit/s
95th percentile per-packet one-way delay: 2.534 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.24 Mbit/s
95th percentile per-packet one-way delay: 2.582 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.07 Mbit/s
95th percentile per-packet one-way delay: 1.143 ms
Loss rate: 0.00%

Run 3: Report of Muses_DecisionTreeR0 — Data Link

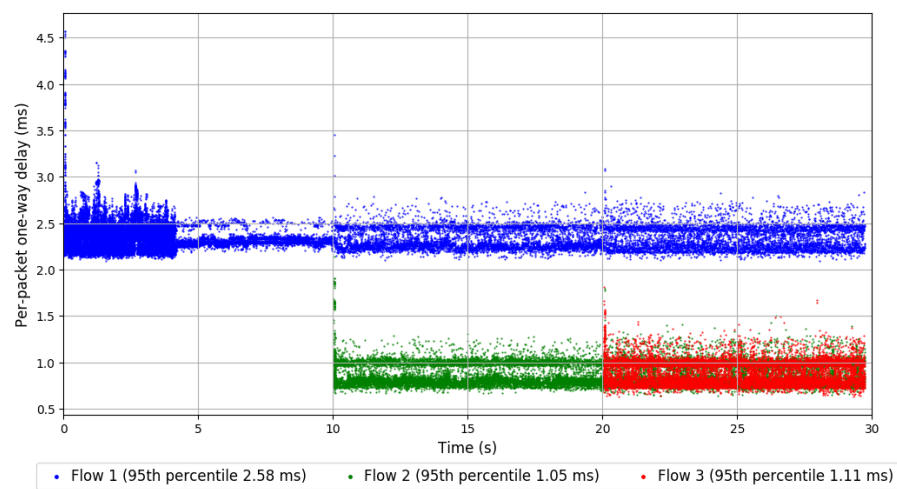
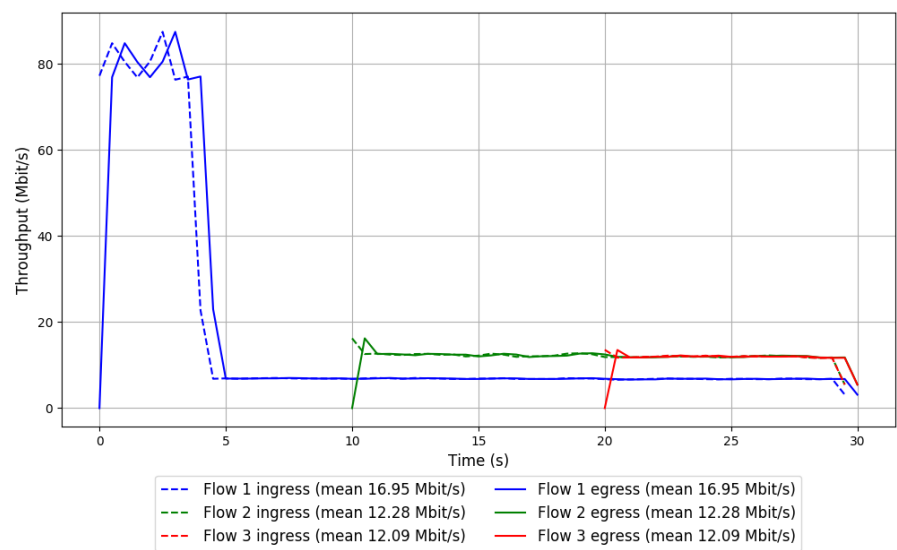


Run 4: Statistics of Muses_DecisionTreeR0

Start at: 2020-02-18 02:49:28
End at: 2020-02-18 02:49:58
Local clock offset: -5.287 ms
Remote clock offset: -0.192 ms

Below is generated by plot.py at 2020-02-18 03:44:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.02 Mbit/s
95th percentile per-packet one-way delay: 2.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.95 Mbit/s
95th percentile per-packet one-way delay: 2.583 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 1.055 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.09 Mbit/s
95th percentile per-packet one-way delay: 1.109 ms
Loss rate: 0.00%

Run 4: Report of Muses_DecisionTreeR0 — Data Link

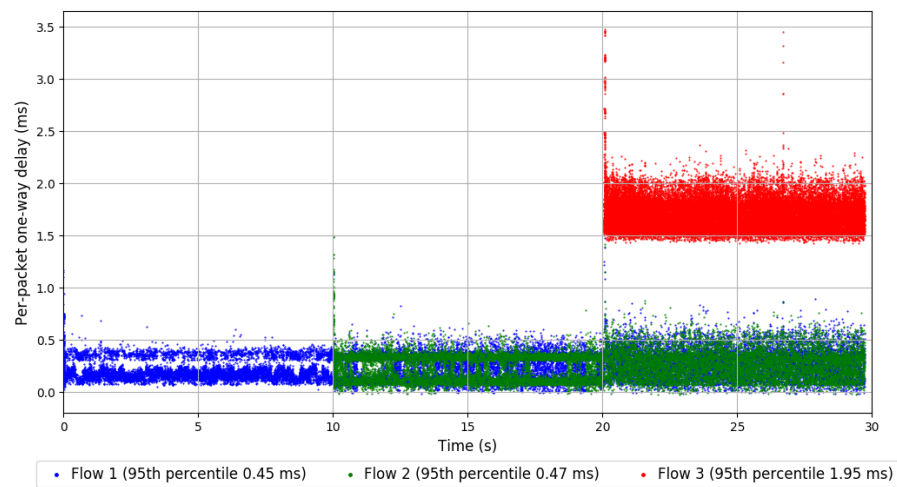
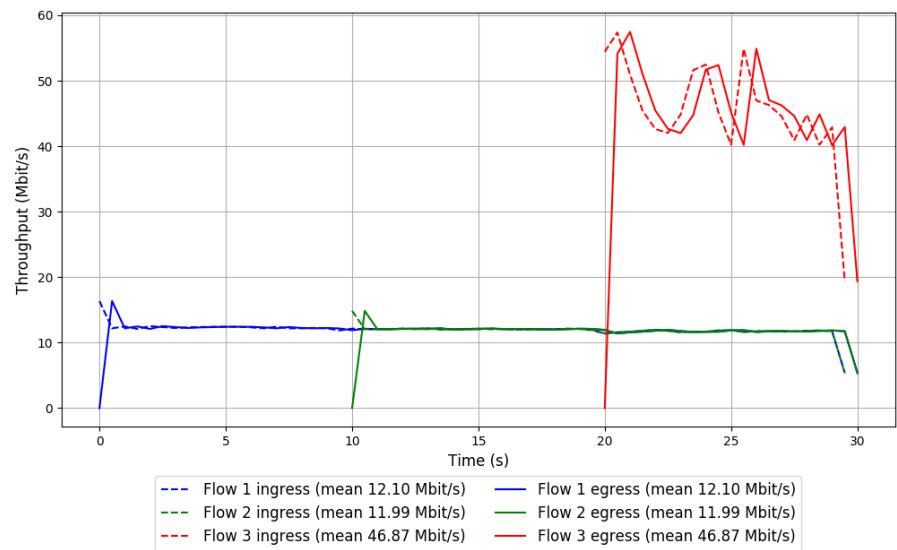


Run 5: Statistics of Muses_DecisionTreeR0

Start at: 2020-02-18 03:16:51
End at: 2020-02-18 03:17:21
Local clock offset: -4.372 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2020-02-18 03:44:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 35.32 Mbit/s
95th percentile per-packet one-way delay: 1.861 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.10 Mbit/s
95th percentile per-packet one-way delay: 0.447 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.99 Mbit/s
95th percentile per-packet one-way delay: 0.475 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.87 Mbit/s
95th percentile per-packet one-way delay: 1.948 ms
Loss rate: 0.01%

Run 5: Report of Muses_DecisionTreeR0 — Data Link

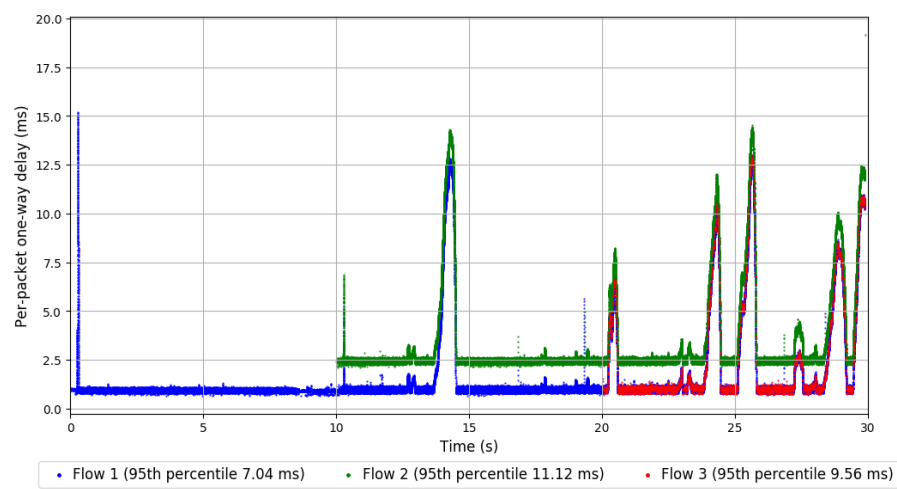
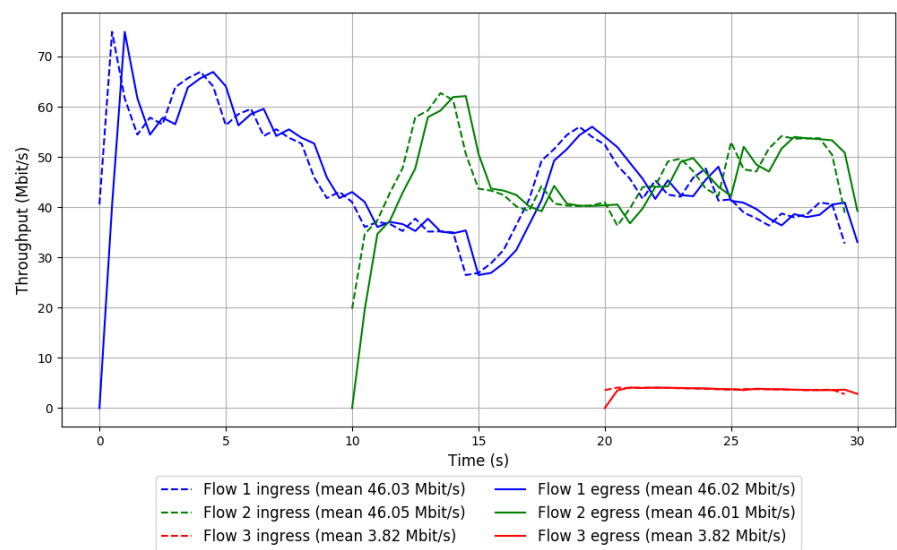


```
Run 1: Statistics of PCC-Allegro

Start at: 2020-02-18 01:40:08
End at: 2020-02-18 01:40:38
Local clock offset: -6.508 ms
Remote clock offset: -0.247 ms

# Below is generated by plot.py at 2020-02-18 03:45:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.87 Mbit/s
95th percentile per-packet one-way delay: 9.160 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.02 Mbit/s
95th percentile per-packet one-way delay: 7.045 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.01 Mbit/s
95th percentile per-packet one-way delay: 11.117 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 3.82 Mbit/s
95th percentile per-packet one-way delay: 9.565 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link

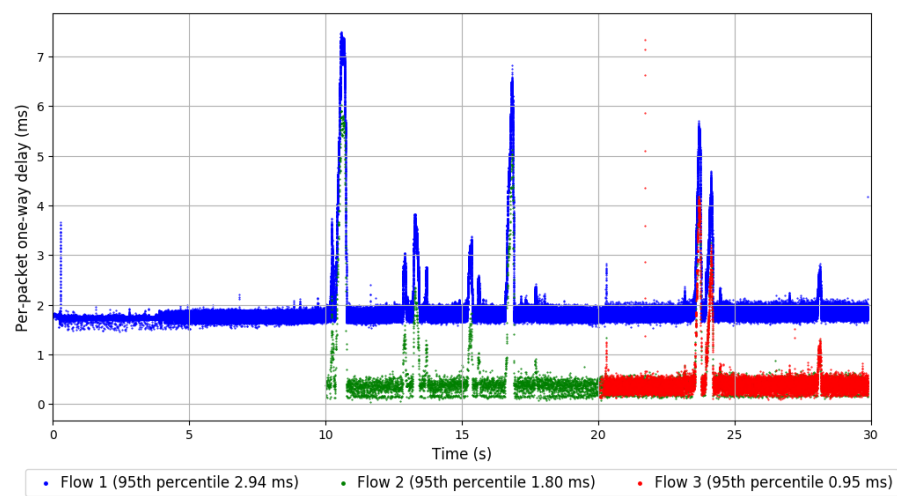
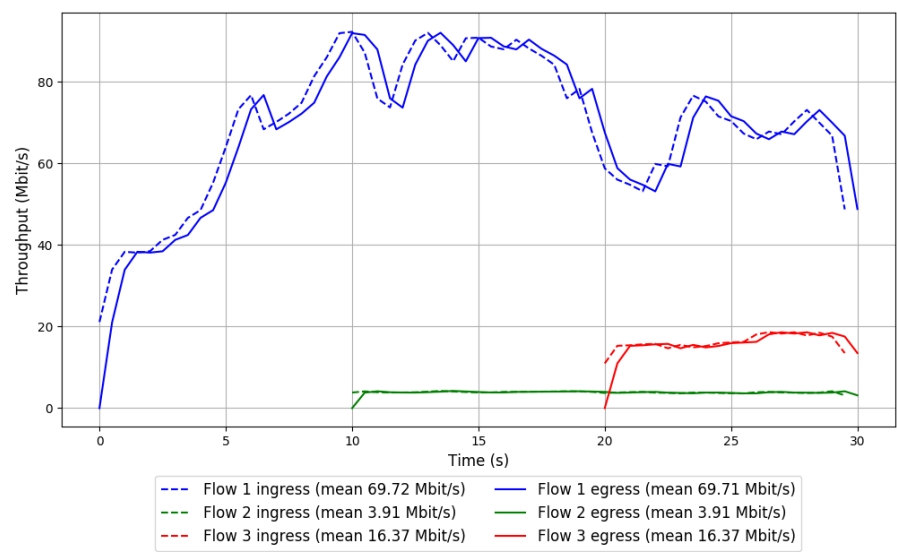


Run 2: Statistics of PCC-Allegro

Start at: 2020-02-18 02:07:25
End at: 2020-02-18 02:07:55
Local clock offset: -4.983 ms
Remote clock offset: -0.194 ms

Below is generated by plot.py at 2020-02-18 03:45:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.71 Mbit/s
95th percentile per-packet one-way delay: 2.819 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.71 Mbit/s
95th percentile per-packet one-way delay: 2.938 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 1.799 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.37 Mbit/s
95th percentile per-packet one-way delay: 0.950 ms
Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link

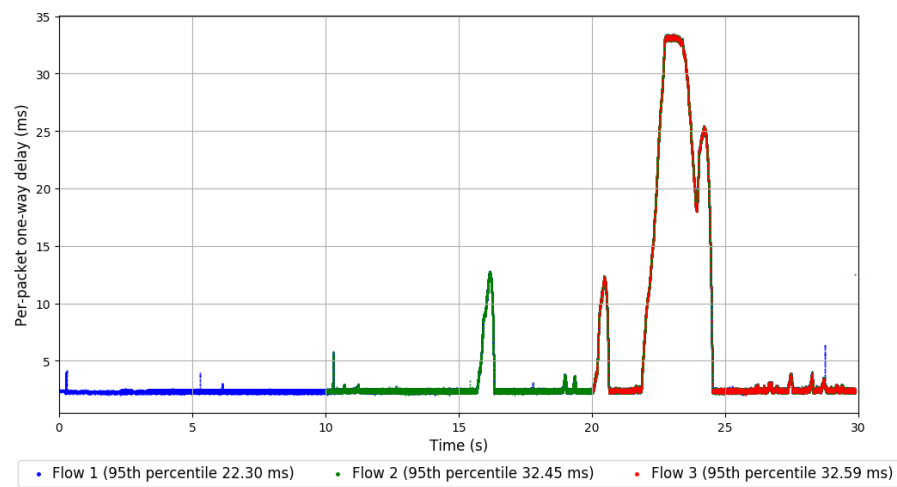
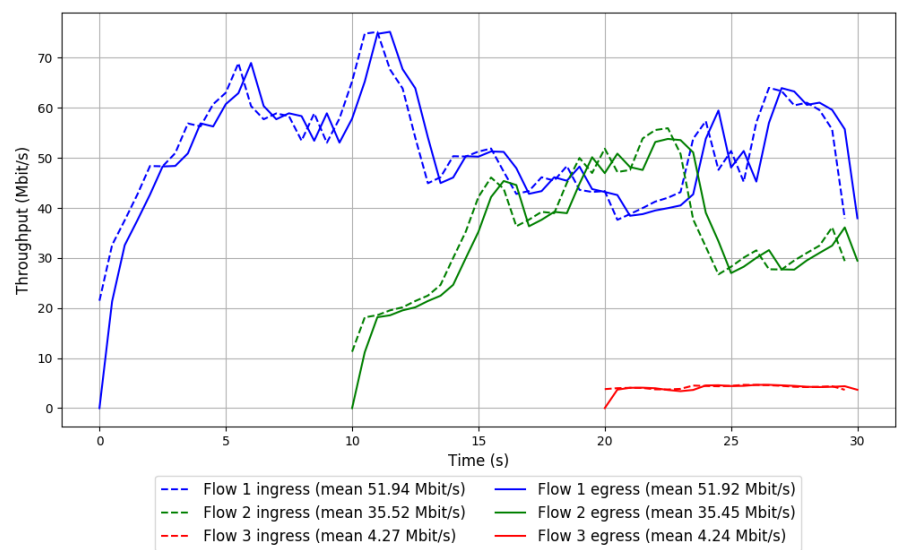


Run 3: Statistics of PCC-Allegro

Start at: 2020-02-18 02:34:41
End at: 2020-02-18 02:35:11
Local clock offset: -5.174 ms
Remote clock offset: -0.184 ms

Below is generated by plot.py at 2020-02-18 03:45:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.88 Mbit/s
95th percentile per-packet one-way delay: 25.227 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 51.92 Mbit/s
95th percentile per-packet one-way delay: 22.298 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: 32.453 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 32.586 ms
Loss rate: 0.61%

Run 3: Report of PCC-Allegro — Data Link

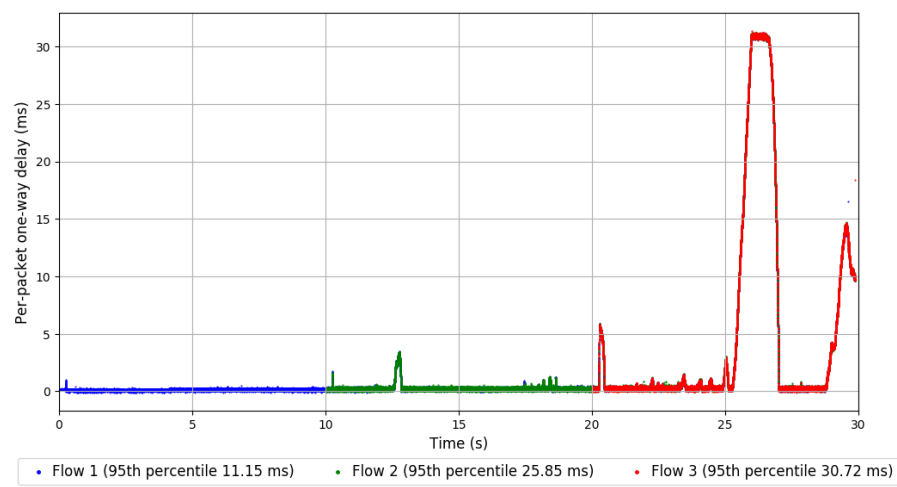
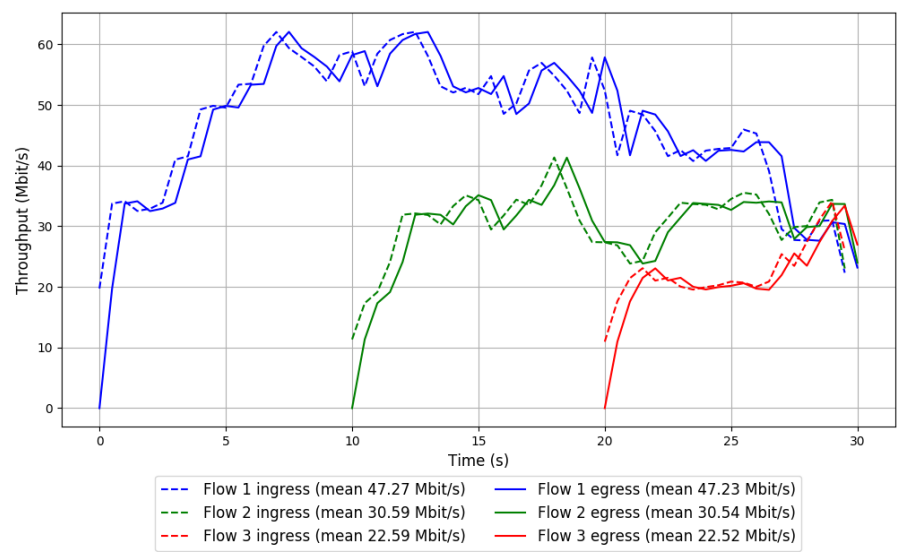


Run 4: Statistics of PCC-Allegro

Start at: 2020-02-18 03:01:56
End at: 2020-02-18 03:02:26
Local clock offset: -4.523 ms
Remote clock offset: -0.113 ms

Below is generated by plot.py at 2020-02-18 03:45:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.97 Mbit/s
95th percentile per-packet one-way delay: 18.585 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 47.23 Mbit/s
95th percentile per-packet one-way delay: 11.148 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 30.54 Mbit/s
95th percentile per-packet one-way delay: 25.848 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 22.52 Mbit/s
95th percentile per-packet one-way delay: 30.721 ms
Loss rate: 0.15%

Run 4: Report of PCC-Allegro — Data Link

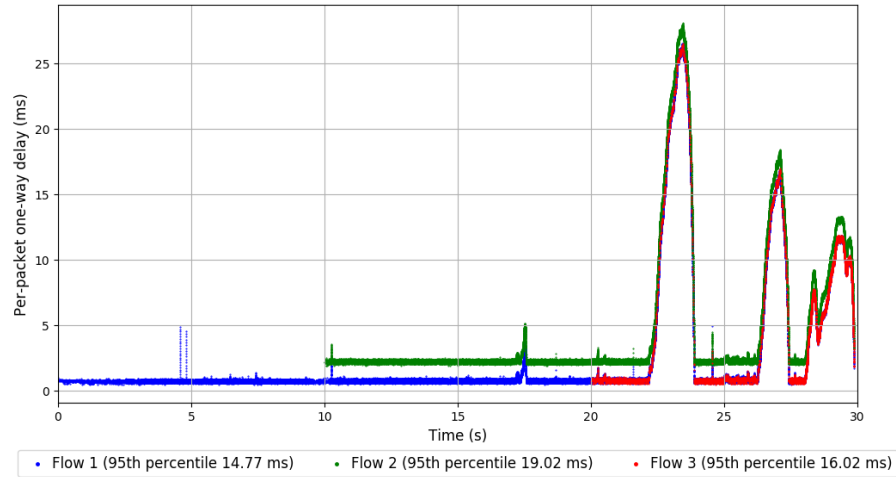
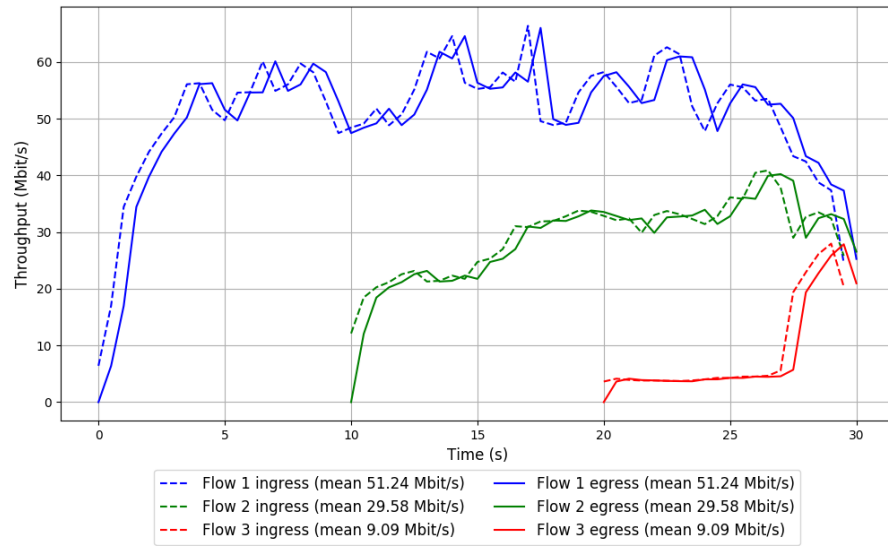


Run 5: Statistics of PCC-Allegro

Start at: 2020-02-18 03:29:23
End at: 2020-02-18 03:29:53
Local clock offset: -5.298 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2020-02-18 03:45:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.91 Mbit/s
95th percentile per-packet one-way delay: 16.251 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.24 Mbit/s
95th percentile per-packet one-way delay: 14.774 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.58 Mbit/s
95th percentile per-packet one-way delay: 19.016 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 16.018 ms
Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link

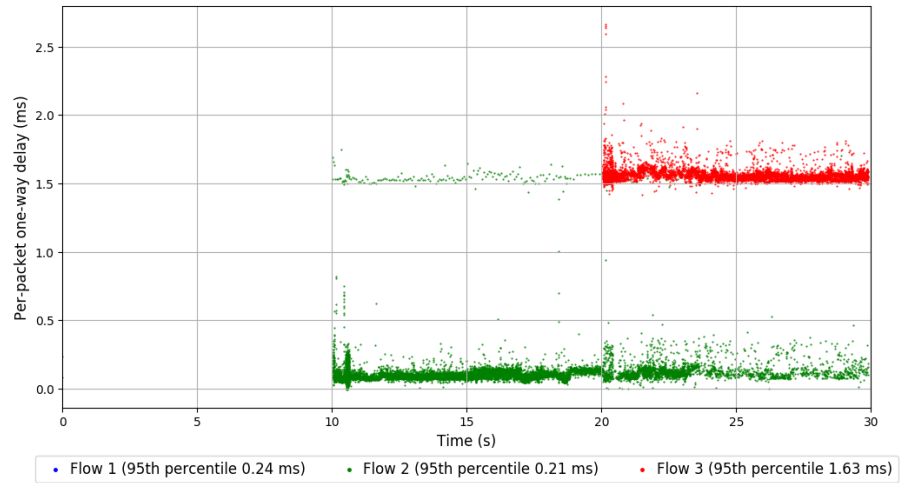
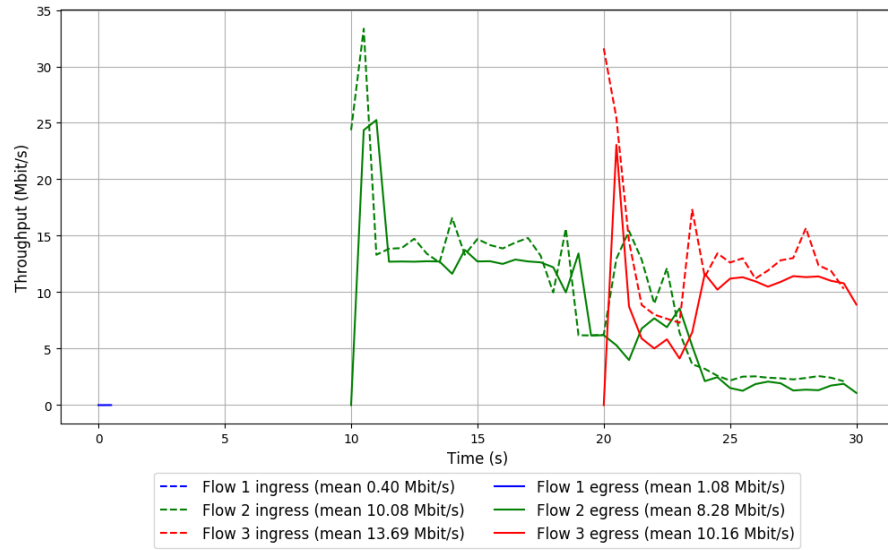


```
Run 1: Statistics of PCC-Expr

Start at: 2020-02-18 01:20:56
End at: 2020-02-18 01:21:26
Local clock offset: -5.021 ms
Remote clock offset: -0.285 ms

# Below is generated by plot.py at 2020-02-18 03:45:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.86 Mbit/s
95th percentile per-packet one-way delay: 1.591 ms
Loss rate: 21.06%
-- Flow 1:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 0.236 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 0.207 ms
Loss rate: 17.89%
-- Flow 3:
Average throughput: 10.16 Mbit/s
95th percentile per-packet one-way delay: 1.630 ms
Loss rate: 25.75%
```

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2020-02-18 01:48:07

End at: 2020-02-18 01:48:37

Local clock offset: -6.698 ms

Remote clock offset: -0.37 ms

Below is generated by plot.py at 2020-02-18 03:45:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 11.04 Mbit/s

95th percentile per-packet one-way delay: 0.878 ms

Loss rate: 97.08%

-- Flow 1:

Average throughput: 4.63 Mbit/s

95th percentile per-packet one-way delay: 0.870 ms

Loss rate: 35.57%

-- Flow 2:

Average throughput: 6.75 Mbit/s

95th percentile per-packet one-way delay: 0.858 ms

Loss rate: 97.76%

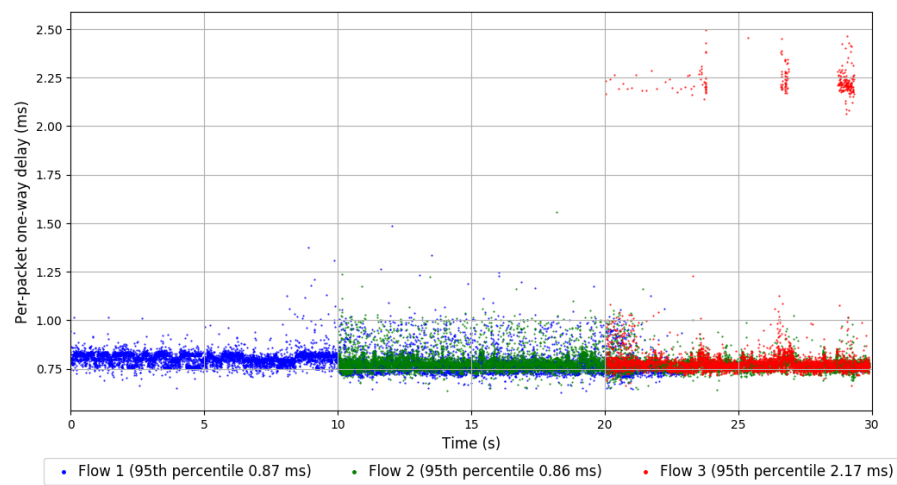
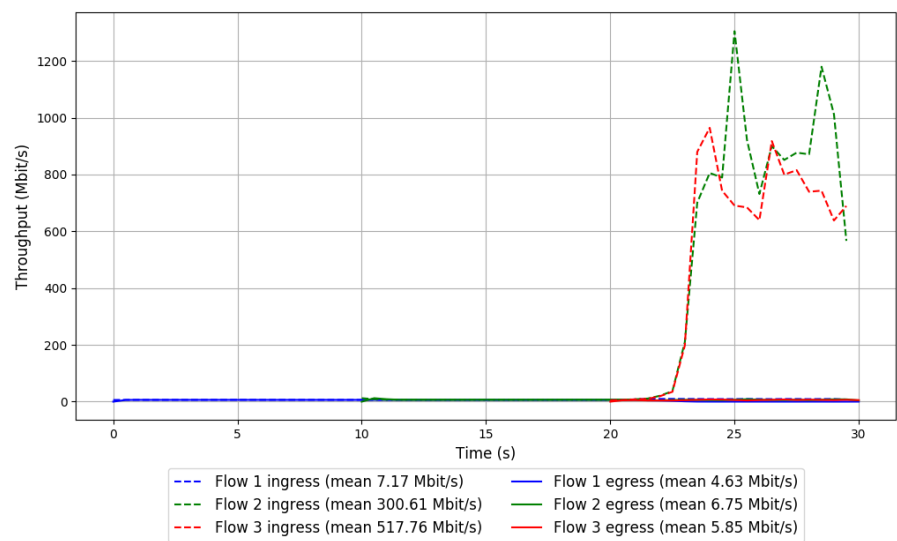
-- Flow 3:

Average throughput: 5.85 Mbit/s

95th percentile per-packet one-way delay: 2.171 ms

Loss rate: 98.87%

Run 2: Report of PCC-Expr — Data Link

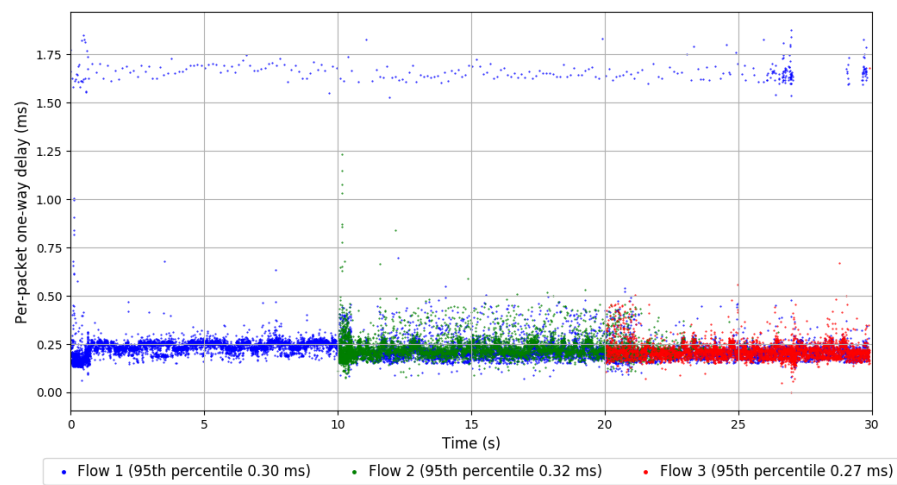
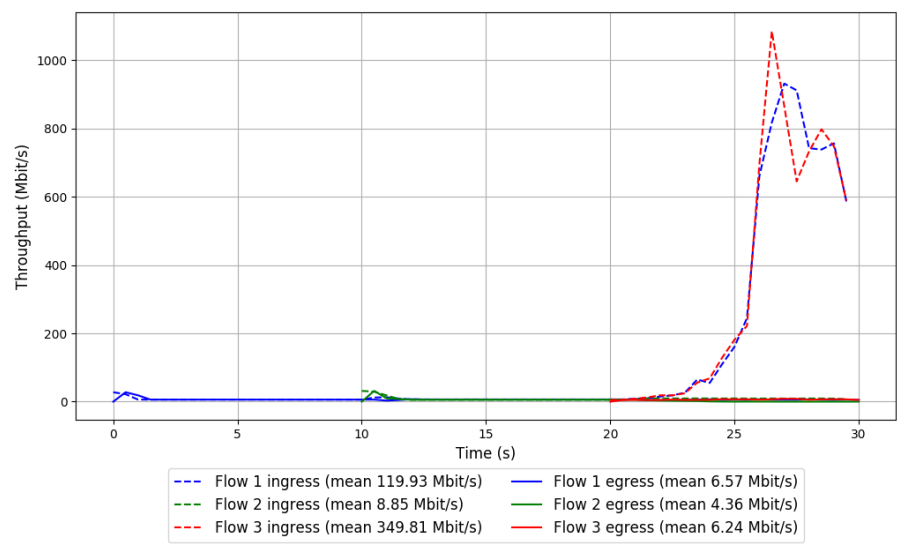


Run 3: Statistics of PCC-Expr

Start at: 2020-02-18 02:15:24
End at: 2020-02-18 02:15:54
Local clock offset: -4.496 ms
Remote clock offset: -0.206 ms

Below is generated by plot.py at 2020-02-18 03:45:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.52 Mbit/s
95th percentile per-packet one-way delay: 0.303 ms
Loss rate: 95.23%
-- Flow 1:
Average throughput: 6.57 Mbit/s
95th percentile per-packet one-way delay: 0.304 ms
Loss rate: 94.52%
-- Flow 2:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 0.324 ms
Loss rate: 50.95%
-- Flow 3:
Average throughput: 6.24 Mbit/s
95th percentile per-packet one-way delay: 0.272 ms
Loss rate: 98.22%

Run 3: Report of PCC-Expr — Data Link

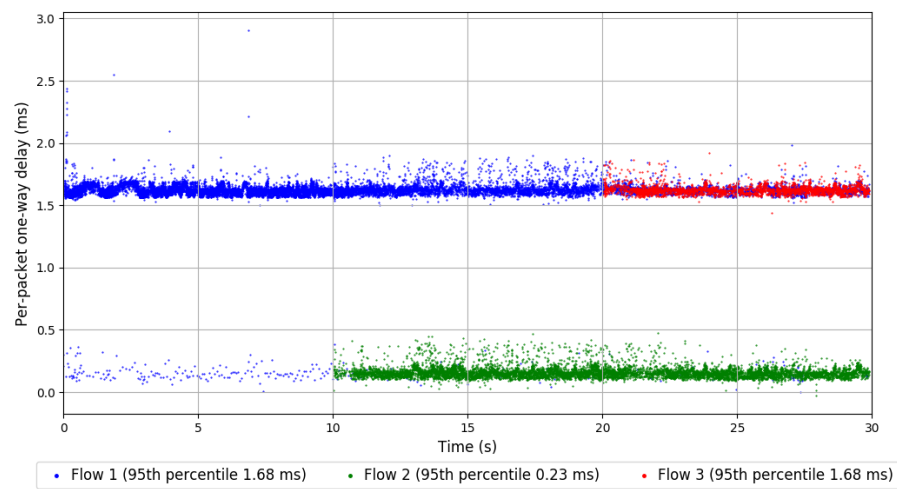
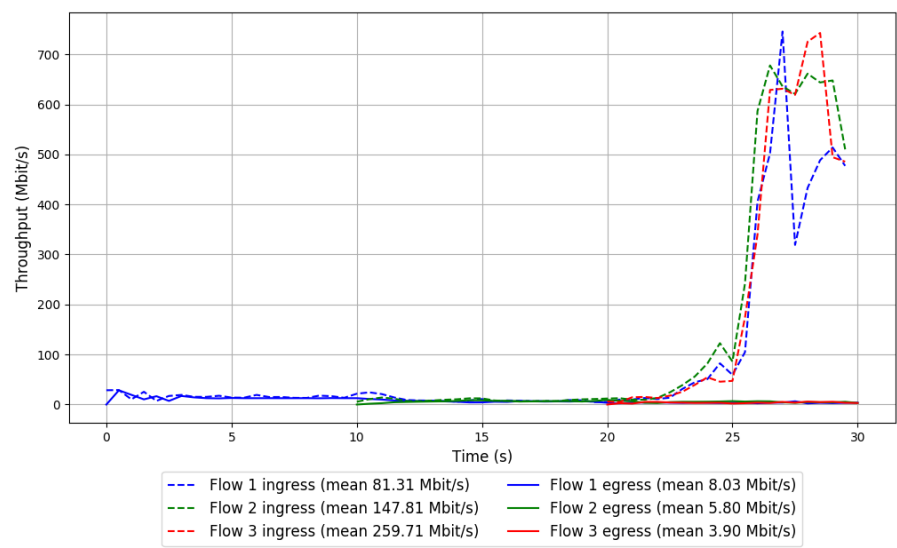


Run 4: Statistics of PCC-Expr

Start at: 2020-02-18 02:42:39
End at: 2020-02-18 02:43:09
Local clock offset: -4.595 ms
Remote clock offset: -0.187 ms

Below is generated by plot.py at 2020-02-18 03:45:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 1.676 ms
Loss rate: 95.03%
-- Flow 1:
Average throughput: 8.03 Mbit/s
95th percentile per-packet one-way delay: 1.681 ms
Loss rate: 90.12%
-- Flow 2:
Average throughput: 5.80 Mbit/s
95th percentile per-packet one-way delay: 0.225 ms
Loss rate: 96.07%
-- Flow 3:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 1.680 ms
Loss rate: 98.50%

Run 4: Report of PCC-Expr — Data Link

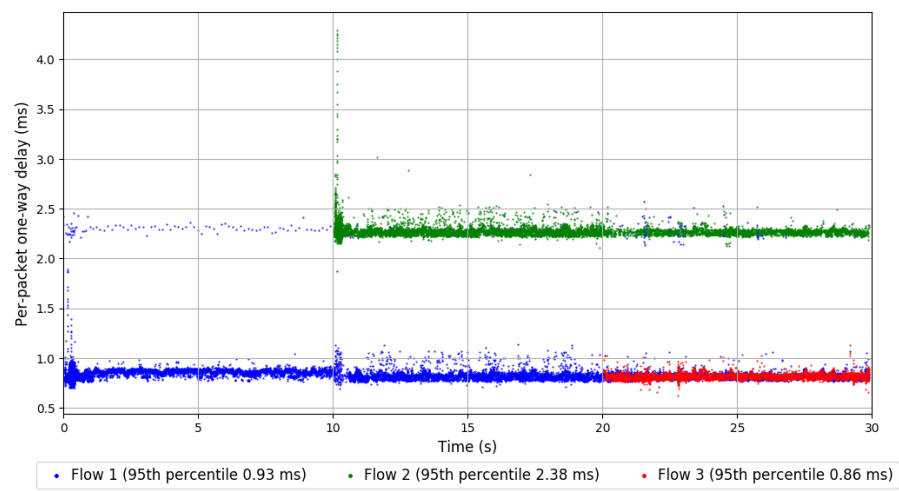
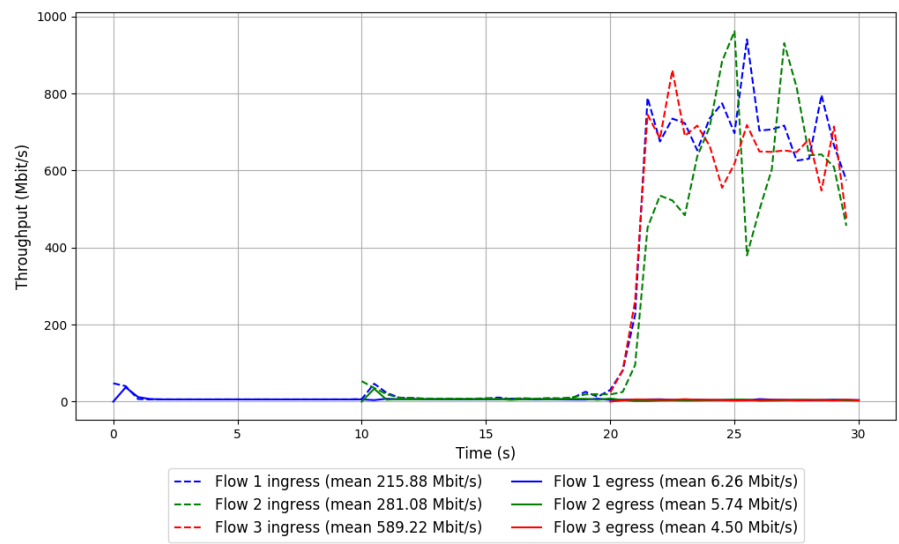


Run 5: Statistics of PCC-Expr

Start at: 2020-02-18 03:09:54
End at: 2020-02-18 03:10:24
Local clock offset: -5.128 ms
Remote clock offset: -0.114 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 2.308 ms
Loss rate: 98.07%
-- Flow 1:
Average throughput: 6.26 Mbit/s
95th percentile per-packet one-way delay: 0.933 ms
Loss rate: 97.10%
-- Flow 2:
Average throughput: 5.74 Mbit/s
95th percentile per-packet one-way delay: 2.375 ms
Loss rate: 97.96%
-- Flow 3:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 0.864 ms
Loss rate: 99.24%

Run 5: Report of PCC-Expr — Data Link

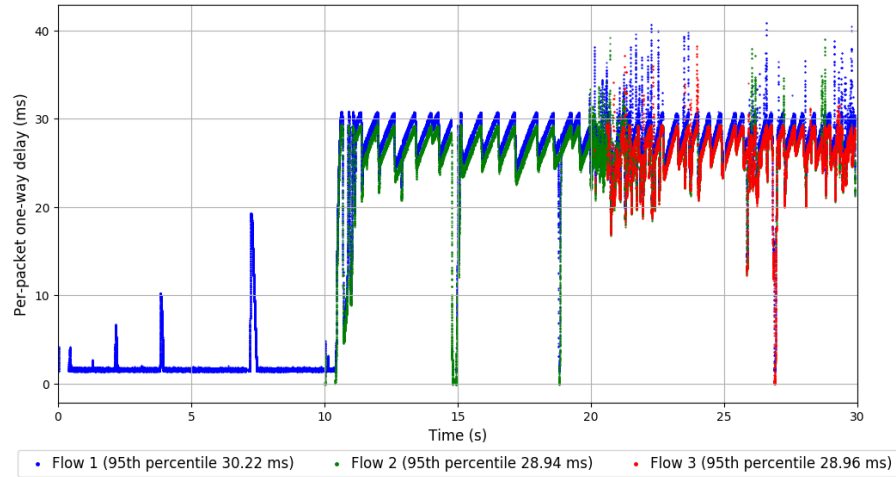
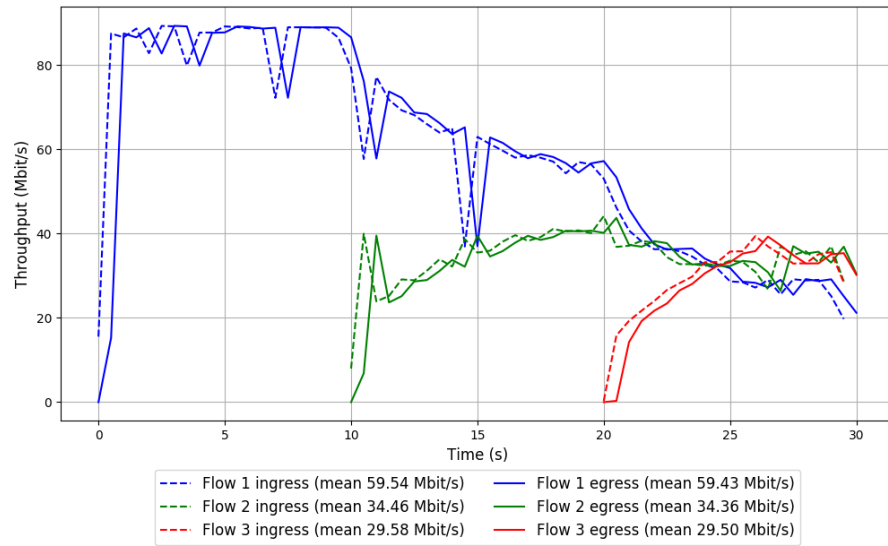


Run 1: Statistics of QUIC Cubic

Start at: 2020-02-18 01:18:36
End at: 2020-02-18 01:19:06
Local clock offset: -4.984 ms
Remote clock offset: -0.304 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.96 Mbit/s
95th percentile per-packet one-way delay: 30.063 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 59.43 Mbit/s
95th percentile per-packet one-way delay: 30.219 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.36 Mbit/s
95th percentile per-packet one-way delay: 28.936 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 29.50 Mbit/s
95th percentile per-packet one-way delay: 28.964 ms
Loss rate: 0.25%

Run 1: Report of QUIC Cubic — Data Link

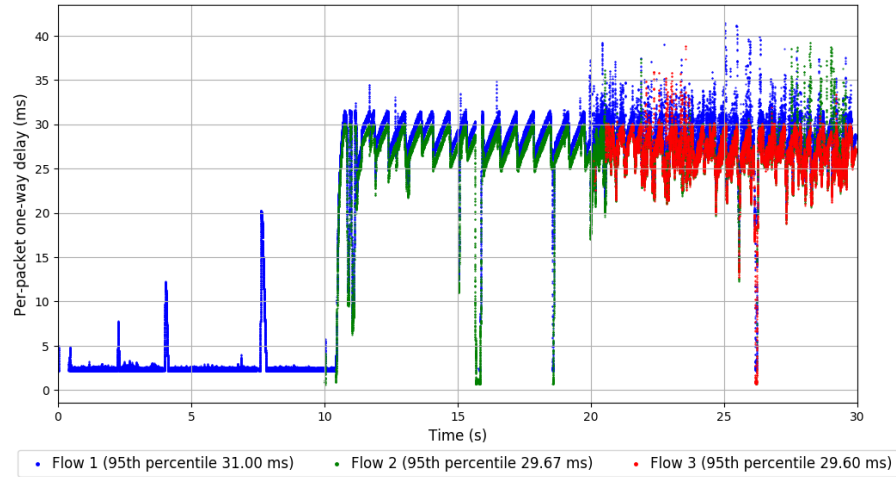
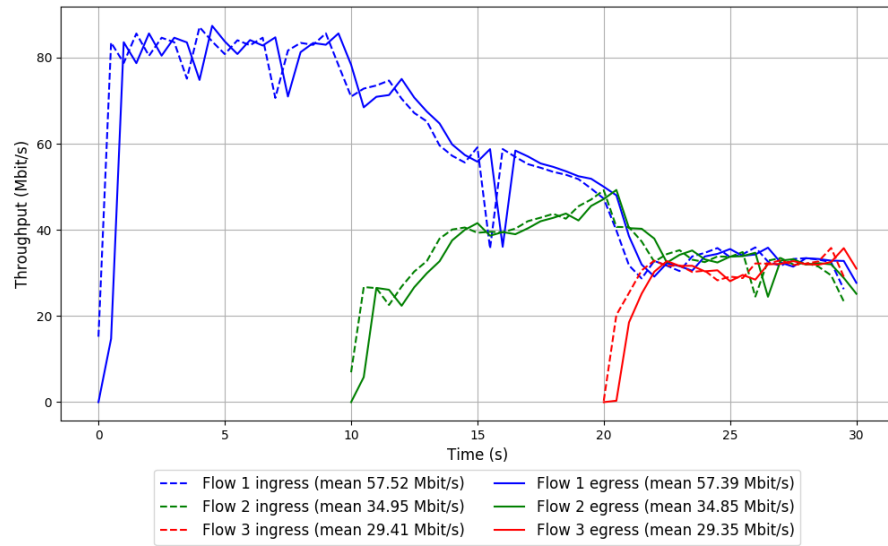


Run 2: Statistics of QUIC Cubic

Start at: 2020-02-18 01:45:47
End at: 2020-02-18 01:46:17
Local clock offset: -6.615 ms
Remote clock offset: -0.298 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.23 Mbit/s
95th percentile per-packet one-way delay: 30.826 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 57.39 Mbit/s
95th percentile per-packet one-way delay: 31.000 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 34.85 Mbit/s
95th percentile per-packet one-way delay: 29.666 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 29.35 Mbit/s
95th percentile per-packet one-way delay: 29.598 ms
Loss rate: 0.20%

Run 2: Report of QUIC Cubic — Data Link

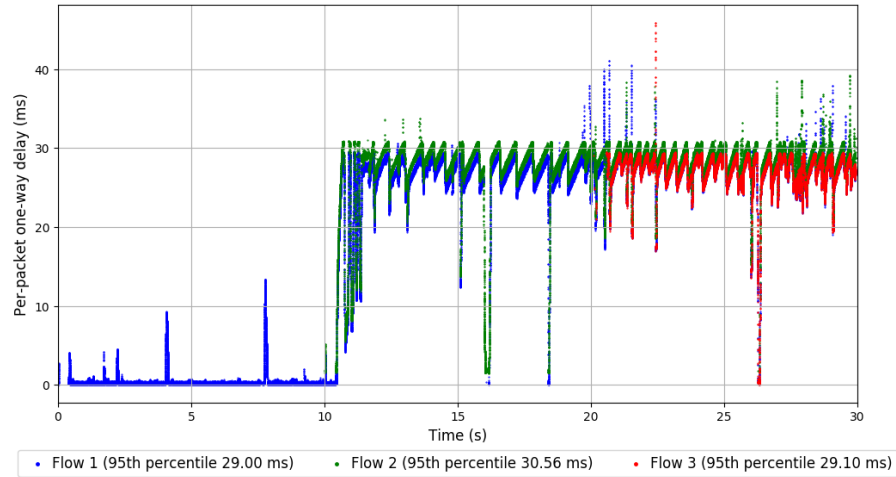
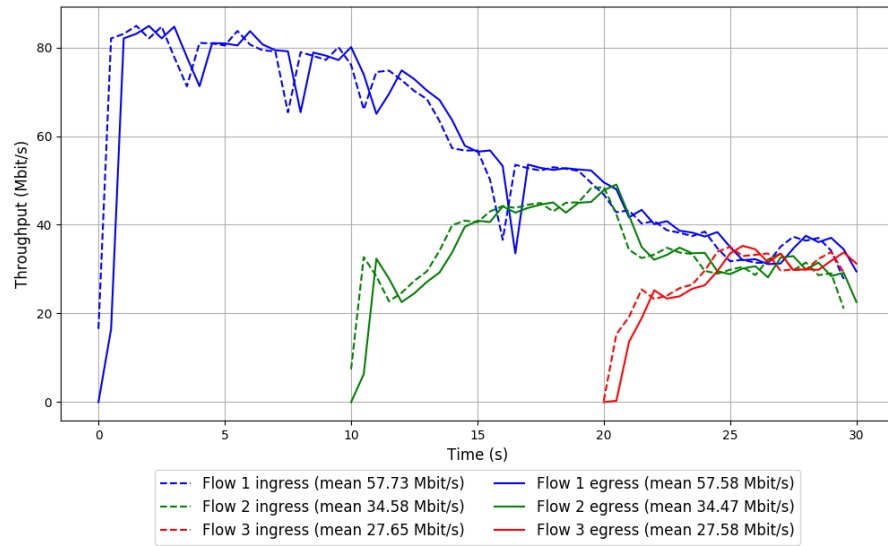


Run 3: Statistics of QUIC Cubic

Start at: 2020-02-18 02:13:05
End at: 2020-02-18 02:13:35
Local clock offset: -4.625 ms
Remote clock offset: -0.257 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.57 Mbit/s
95th percentile per-packet one-way delay: 30.072 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.58 Mbit/s
95th percentile per-packet one-way delay: 29.000 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 34.47 Mbit/s
95th percentile per-packet one-way delay: 30.561 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 27.58 Mbit/s
95th percentile per-packet one-way delay: 29.102 ms
Loss rate: 0.27%

Run 3: Report of QUIC Cubic — Data Link

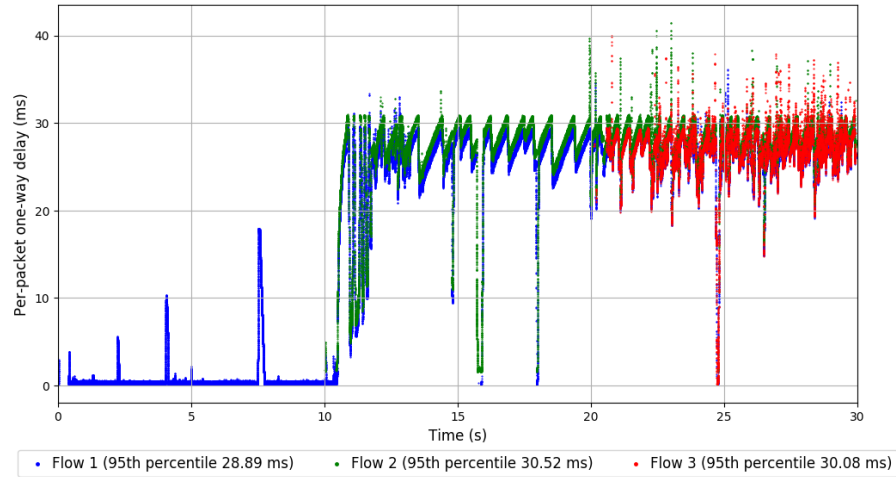
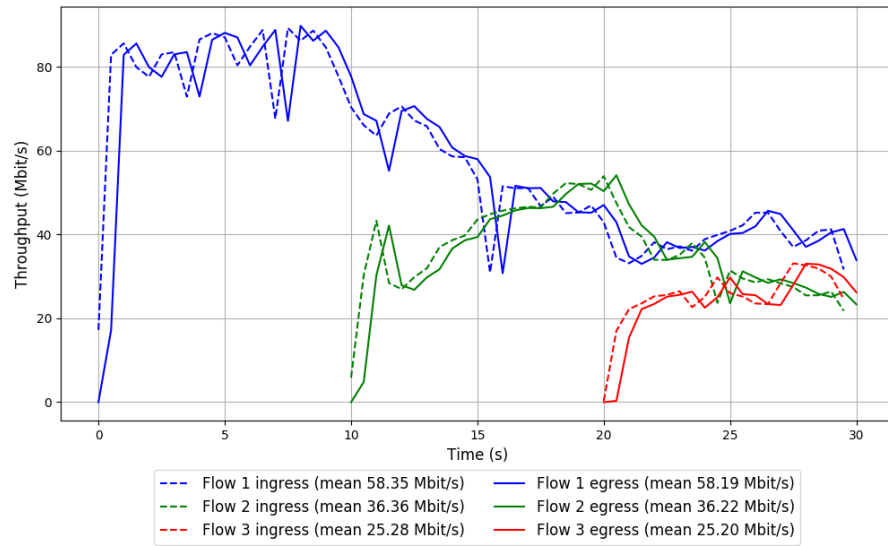


Run 4: Statistics of QUIC Cubic

Start at: 2020-02-18 02:40:20
End at: 2020-02-18 02:40:50
Local clock offset: -4.587 ms
Remote clock offset: -0.153 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 29.994 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.19 Mbit/s
95th percentile per-packet one-way delay: 28.891 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 36.22 Mbit/s
95th percentile per-packet one-way delay: 30.523 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 25.20 Mbit/s
95th percentile per-packet one-way delay: 30.077 ms
Loss rate: 0.28%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2020-02-18 03:07:34

End at: 2020-02-18 03:08:04

Local clock offset: -5.142 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2020-02-18 03:47:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.51 Mbit/s

95th percentile per-packet one-way delay: 31.189 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 56.39 Mbit/s

95th percentile per-packet one-way delay: 31.154 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 35.59 Mbit/s

95th percentile per-packet one-way delay: 31.289 ms

Loss rate: 0.17%

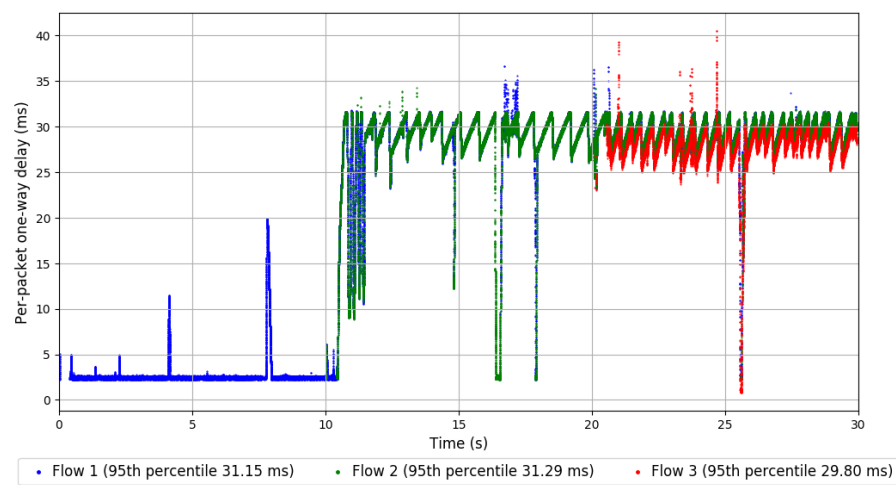
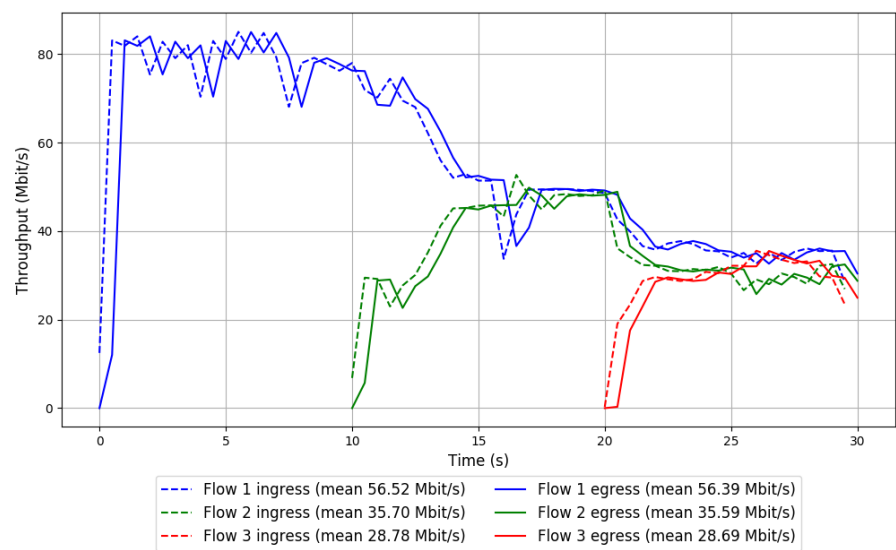
-- Flow 3:

Average throughput: 28.69 Mbit/s

95th percentile per-packet one-way delay: 29.798 ms

Loss rate: 0.26%

Run 5: Report of QUIC Cubic — Data Link

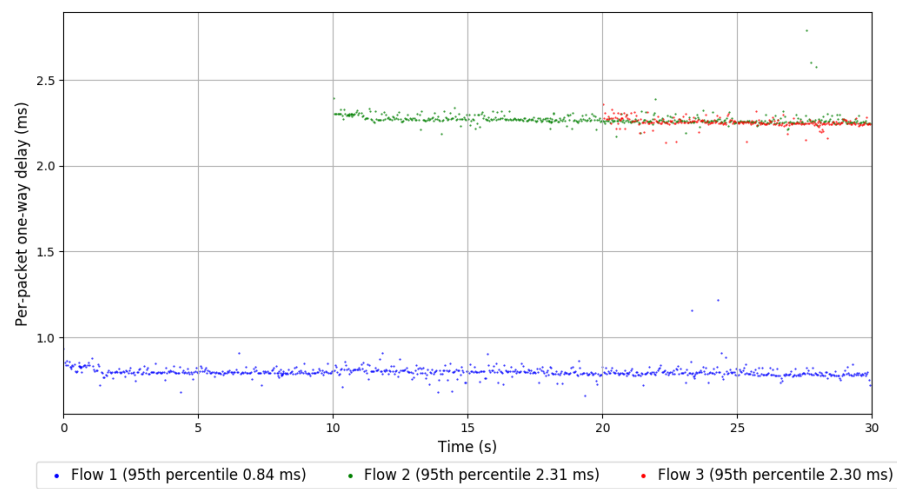
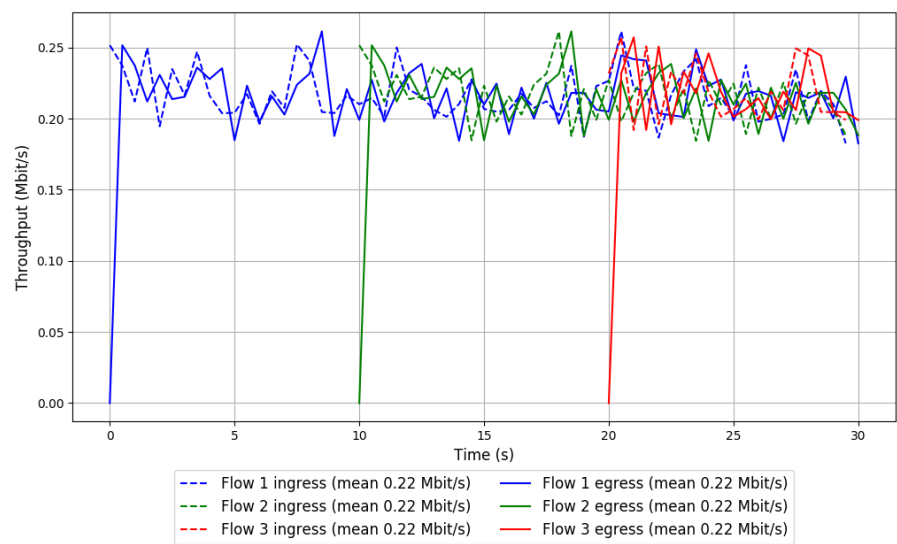


Run 1: Statistics of SReAM

Start at: 2020-02-18 01:31:06
End at: 2020-02-18 01:31:36
Local clock offset: -6.024 ms
Remote clock offset: -0.293 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.839 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.311 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.299 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

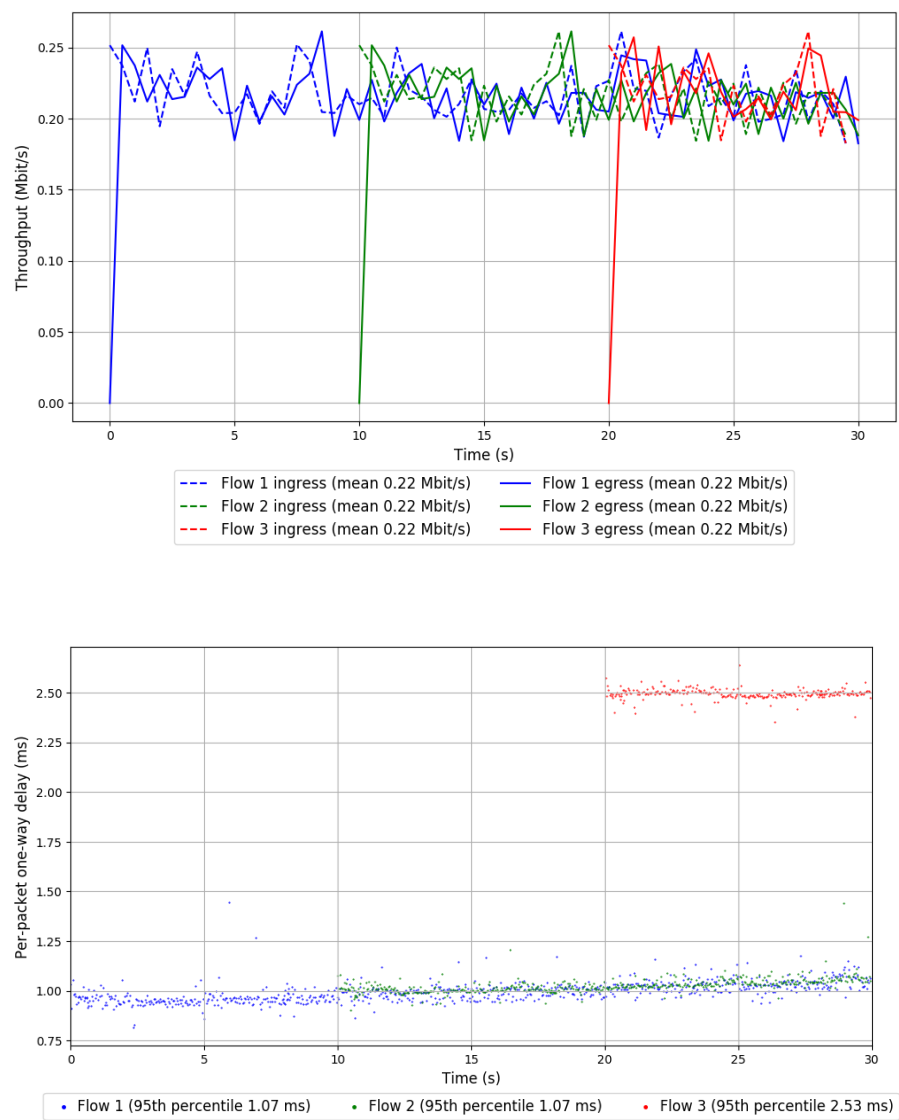


Run 2: Statistics of SReAM

Start at: 2020-02-18 01:58:23
End at: 2020-02-18 01:58:53
Local clock offset: -6.897 ms
Remote clock offset: -0.316 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.504 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.073 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.075 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.533 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

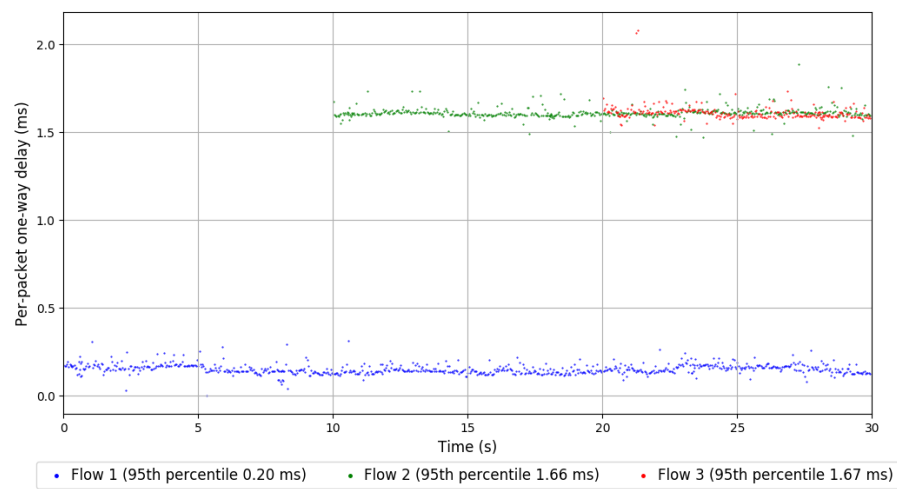
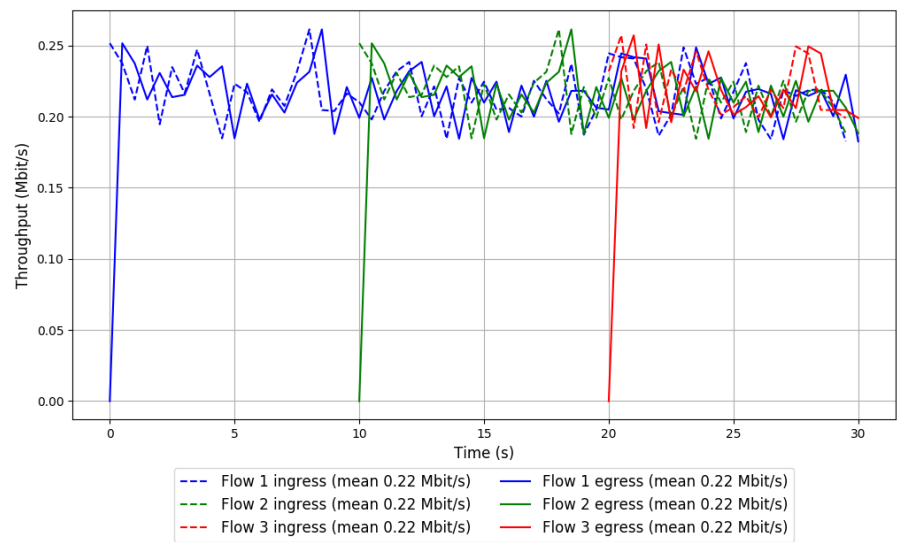


Run 3: Statistics of SReAM

Start at: 2020-02-18 02:25:38
End at: 2020-02-18 02:26:08
Local clock offset: -4.279 ms
Remote clock offset: -0.241 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1.635 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.196 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.661 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.669 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

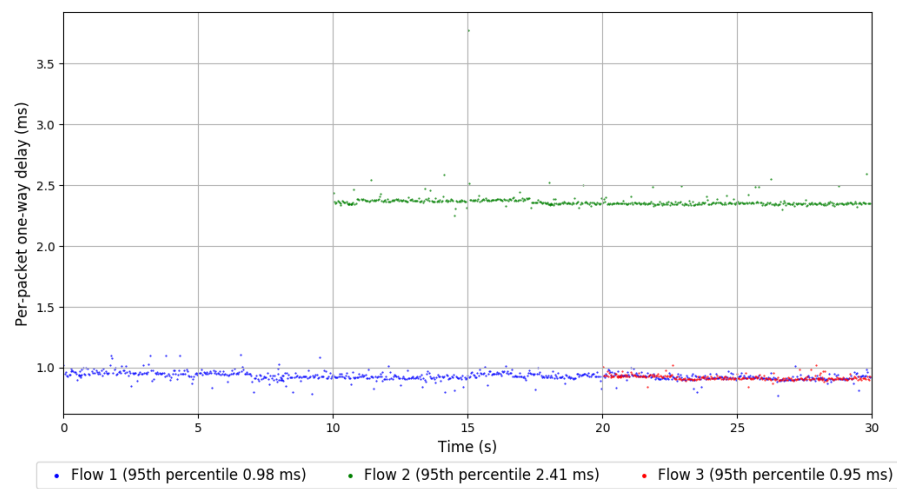
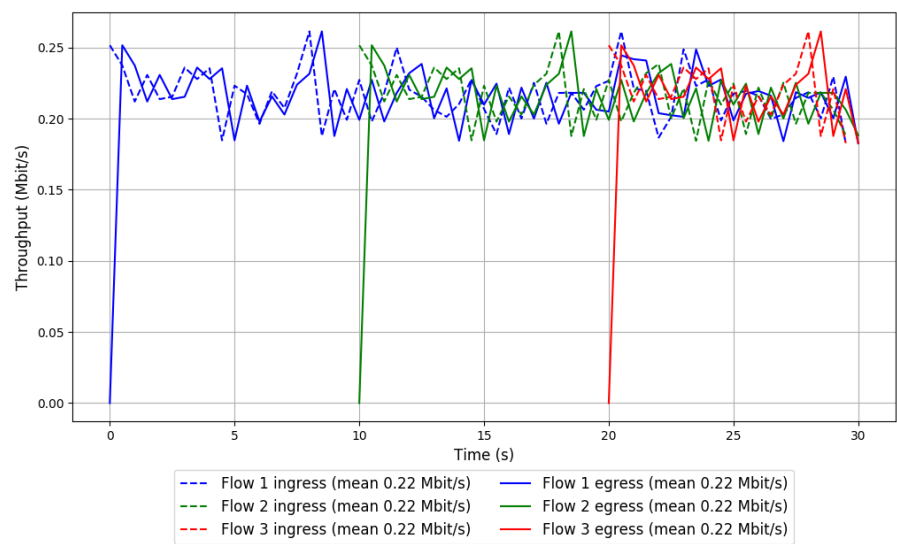


Run 4: Statistics of SReAM

Start at: 2020-02-18 02:52:53
End at: 2020-02-18 02:53:23
Local clock offset: -5.309 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.379 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.980 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.406 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.952 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

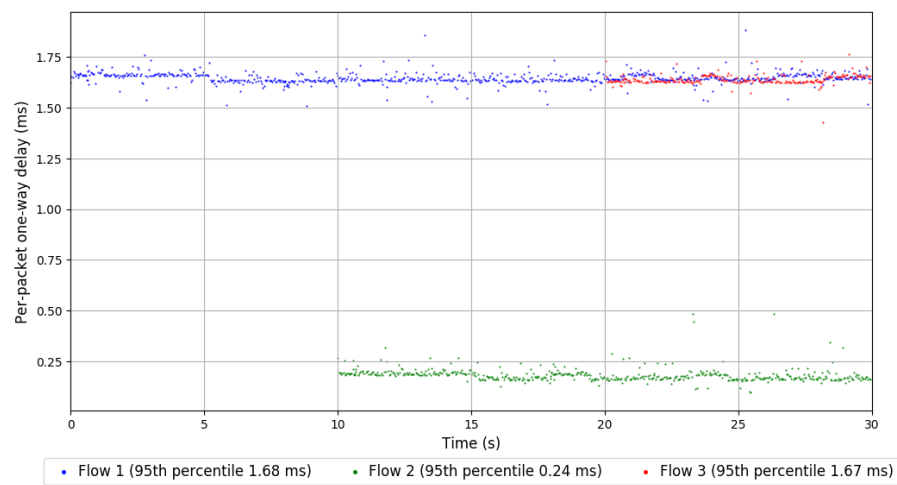
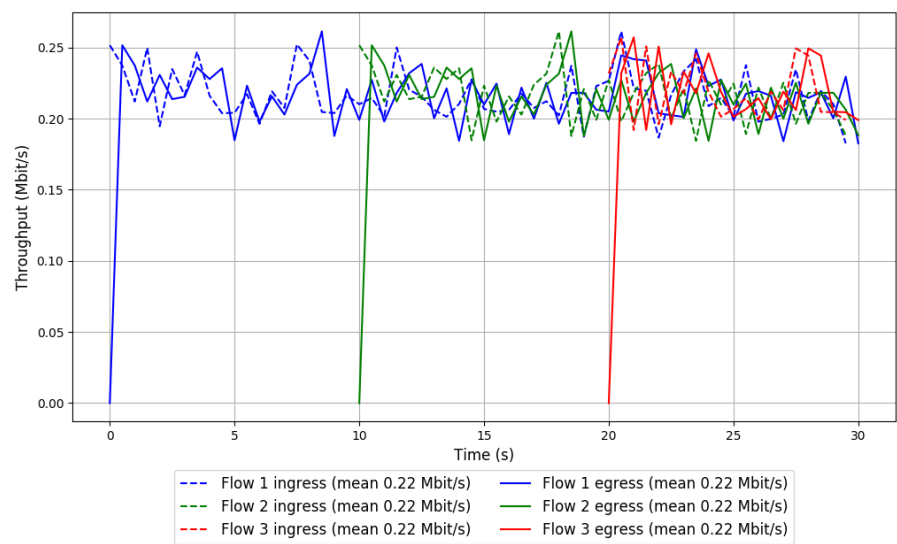


Run 5: Statistics of SReAM

Start at: 2020-02-18 03:20:16
End at: 2020-02-18 03:20:46
Local clock offset: -4.438 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1.672 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.684 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.238 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.668 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

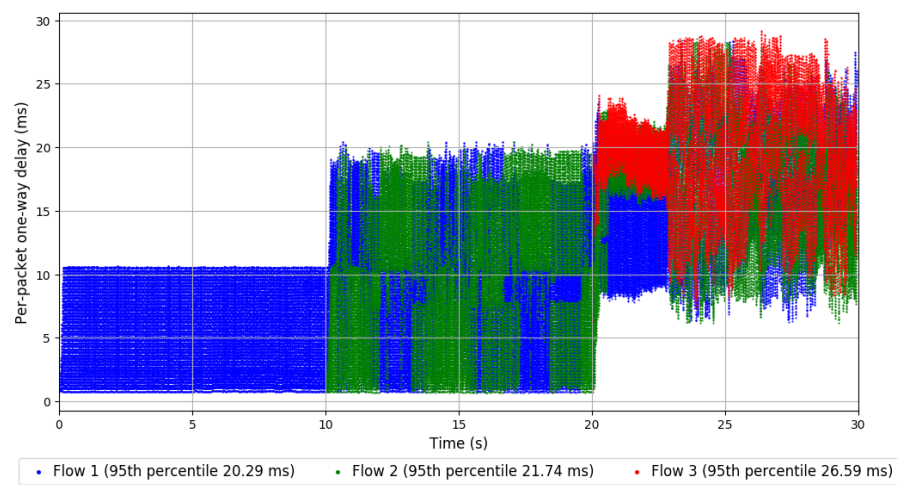
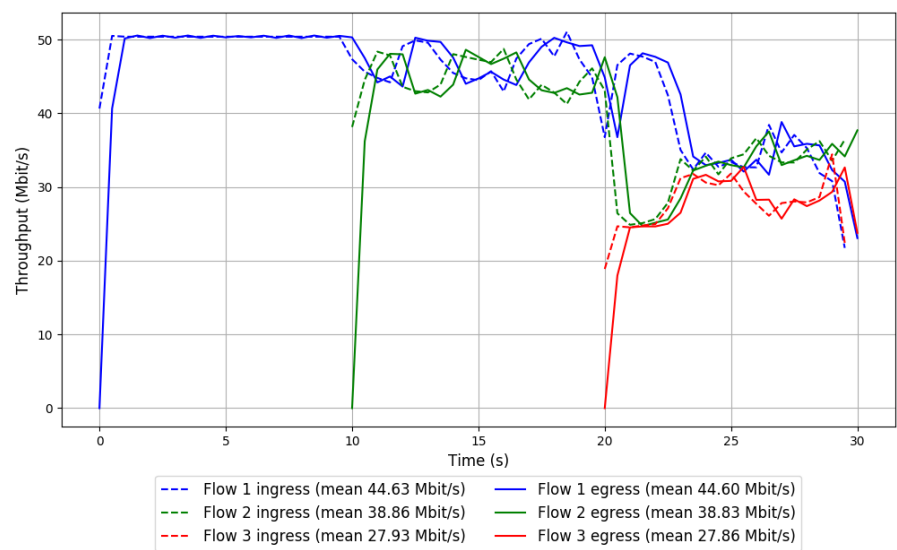


Run 1: Statistics of Sprout

Start at: 2020-02-18 01:35:35
End at: 2020-02-18 01:36:05
Local clock offset: -6.309 ms
Remote clock offset: -0.338 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.66 Mbit/s
95th percentile per-packet one-way delay: 22.839 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 20.294 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 21.740 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.86 Mbit/s
95th percentile per-packet one-way delay: 26.592 ms
Loss rate: 0.12%

Run 1: Report of Sprout — Data Link

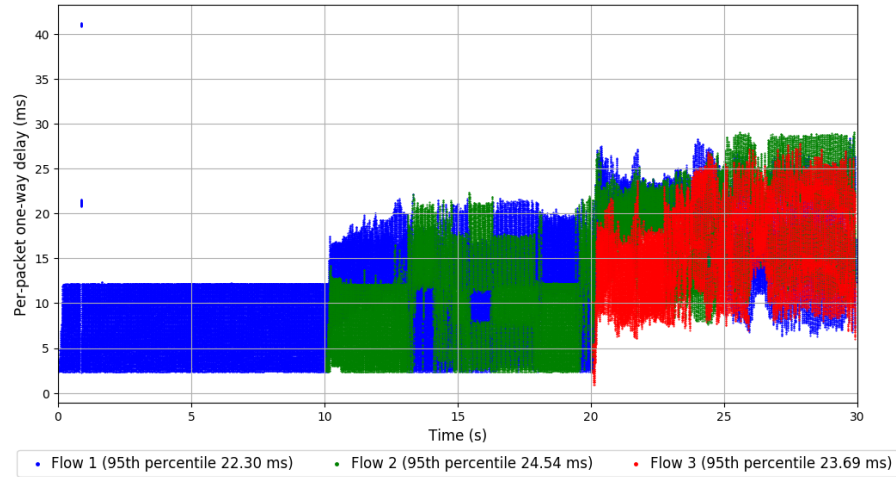
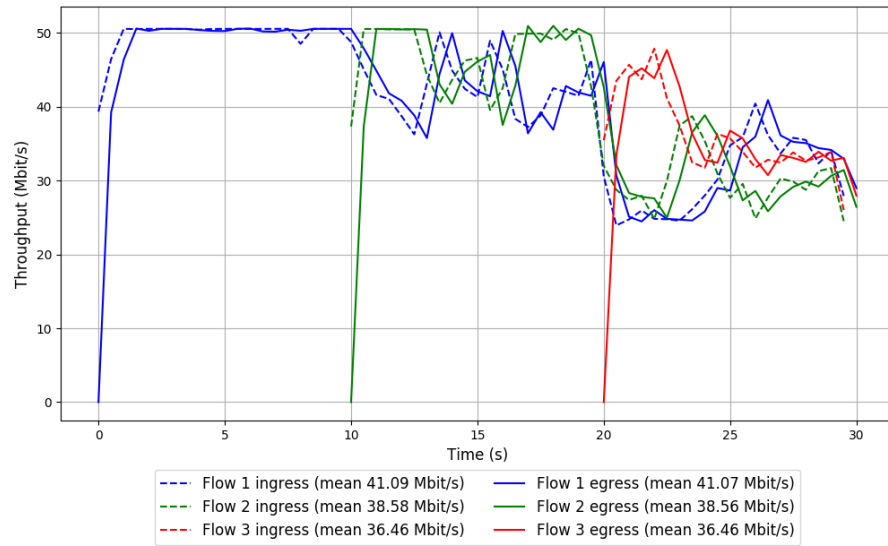


Run 2: Statistics of Sprout

Start at: 2020-02-18 02:02:51
End at: 2020-02-18 02:03:21
Local clock offset: -6.109 ms
Remote clock offset: -0.234 ms

```
# Below is generated by plot.py at 2020-02-18 03:47:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.76 Mbit/s
95th percentile per-packet one-way delay: 23.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.07 Mbit/s
95th percentile per-packet one-way delay: 22.305 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.56 Mbit/s
95th percentile per-packet one-way delay: 24.535 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.46 Mbit/s
95th percentile per-packet one-way delay: 23.688 ms
Loss rate: 0.01%
```

Run 2: Report of Sprout — Data Link

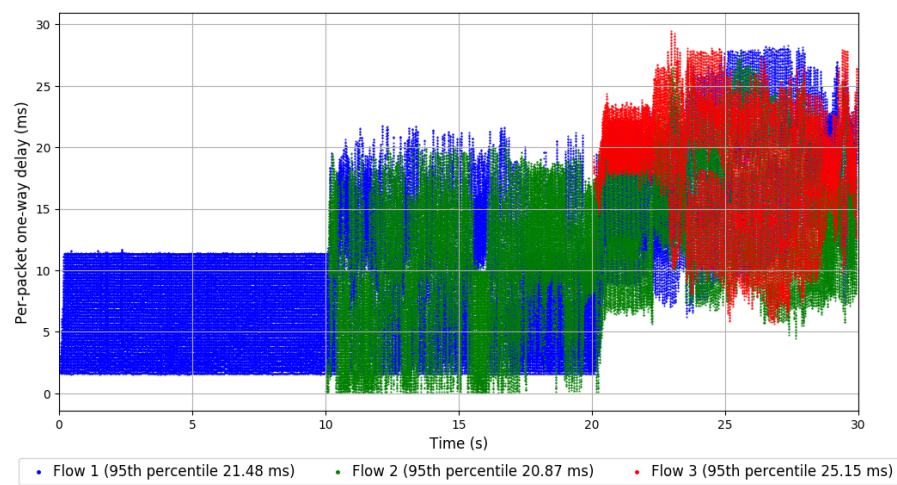
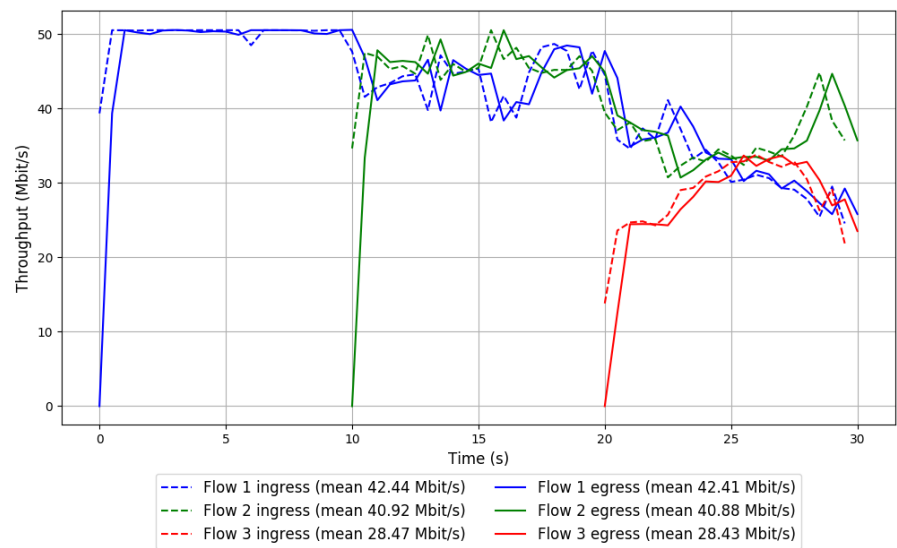


Run 3: Statistics of Sprout

Start at: 2020-02-18 02:30:05
End at: 2020-02-18 02:30:35
Local clock offset: -4.401 ms
Remote clock offset: -0.226 ms

```
# Below is generated by plot.py at 2020-02-18 03:47:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.99 Mbit/s
95th percentile per-packet one-way delay: 22.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.41 Mbit/s
95th percentile per-packet one-way delay: 21.478 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.88 Mbit/s
95th percentile per-packet one-way delay: 20.871 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.43 Mbit/s
95th percentile per-packet one-way delay: 25.149 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

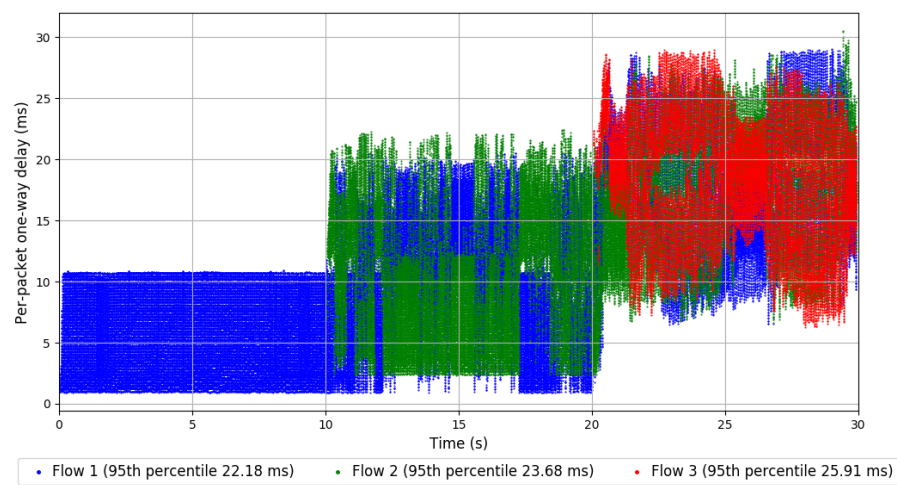
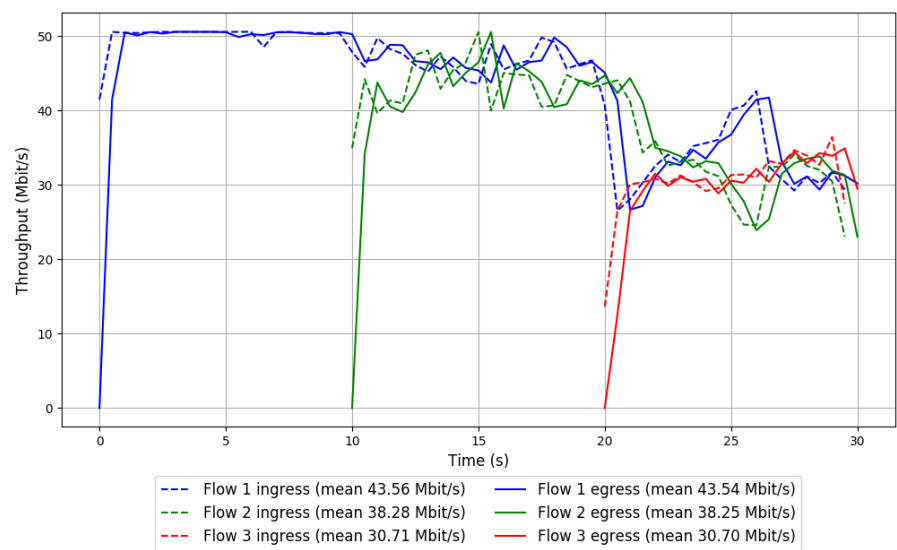


Run 4: Statistics of Sprout

Start at: 2020-02-18 02:57:21
End at: 2020-02-18 02:57:51
Local clock offset: -5.396 ms
Remote clock offset: -0.072 ms

```
# Below is generated by plot.py at 2020-02-18 03:47:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.13 Mbit/s
95th percentile per-packet one-way delay: 23.793 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.54 Mbit/s
95th percentile per-packet one-way delay: 22.181 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.25 Mbit/s
95th percentile per-packet one-way delay: 23.678 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.70 Mbit/s
95th percentile per-packet one-way delay: 25.914 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2020-02-18 03:24:49

End at: 2020-02-18 03:25:19

Local clock offset: -5.153 ms

Remote clock offset: 0.03 ms

Below is generated by plot.py at 2020-02-18 03:47:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.70 Mbit/s

95th percentile per-packet one-way delay: 24.135 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 42.35 Mbit/s

95th percentile per-packet one-way delay: 22.732 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 39.36 Mbit/s

95th percentile per-packet one-way delay: 23.739 ms

Loss rate: 0.00%

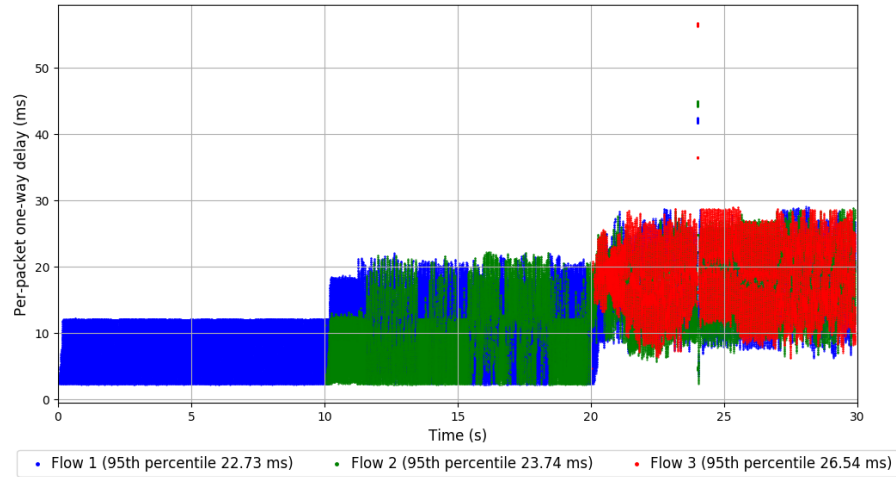
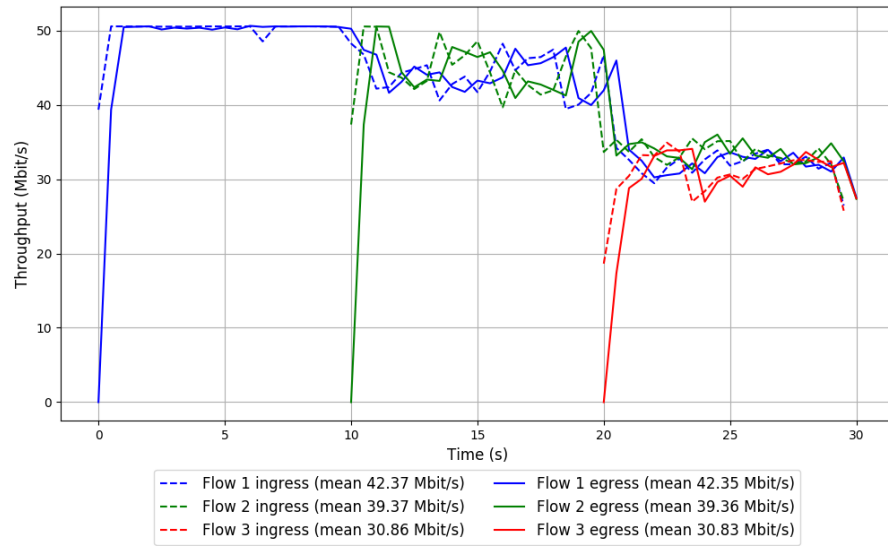
-- Flow 3:

Average throughput: 30.83 Mbit/s

95th percentile per-packet one-way delay: 26.541 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

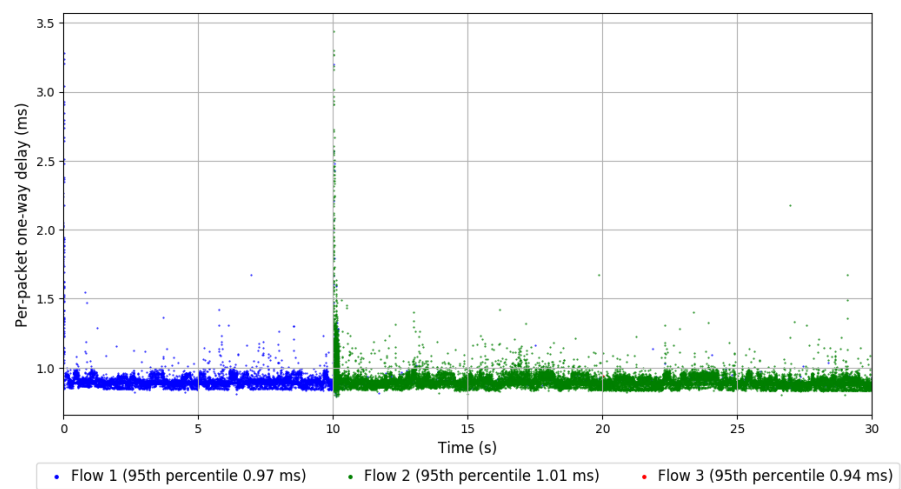
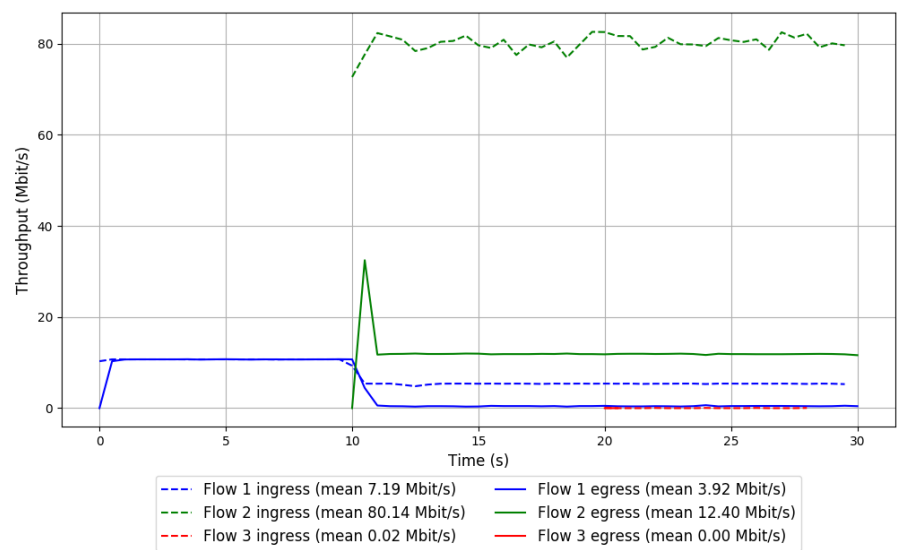


```
Run 1: Statistics of TaoVA-100x

Start at: 2020-02-18 01:44:40
End at: 2020-02-18 01:45:10
Local clock offset: -6.592 ms
Remote clock offset: -0.241 ms

# Below is generated by plot.py at 2020-02-18 03:47:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.19 Mbit/s
95th percentile per-packet one-way delay: 0.991 ms
Loss rate: 79.89%
-- Flow 1:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 0.967 ms
Loss rate: 45.47%
-- Flow 2:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 1.011 ms
Loss rate: 84.52%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.939 ms
Loss rate: 99.16%
```

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

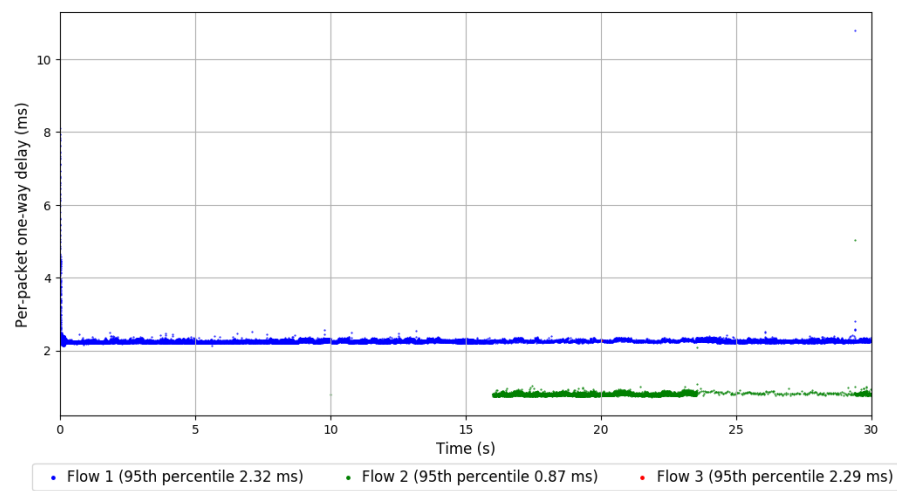
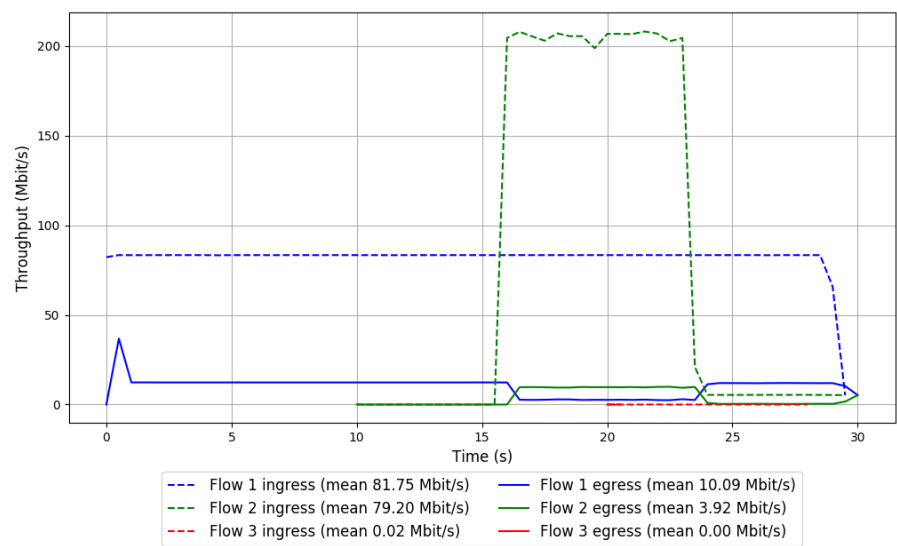


Run 2: Statistics of TaoVA-100x

Start at: 2020-02-18 02:11:57
End at: 2020-02-18 02:12:27
Local clock offset: -5.356 ms
Remote clock offset: -0.328 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 2.316 ms
Loss rate: 90.56%
-- Flow 1:
Average throughput: 10.09 Mbit/s
95th percentile per-packet one-way delay: 2.322 ms
Loss rate: 87.66%
-- Flow 2:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 0.869 ms
Loss rate: 95.05%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 99.16%

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

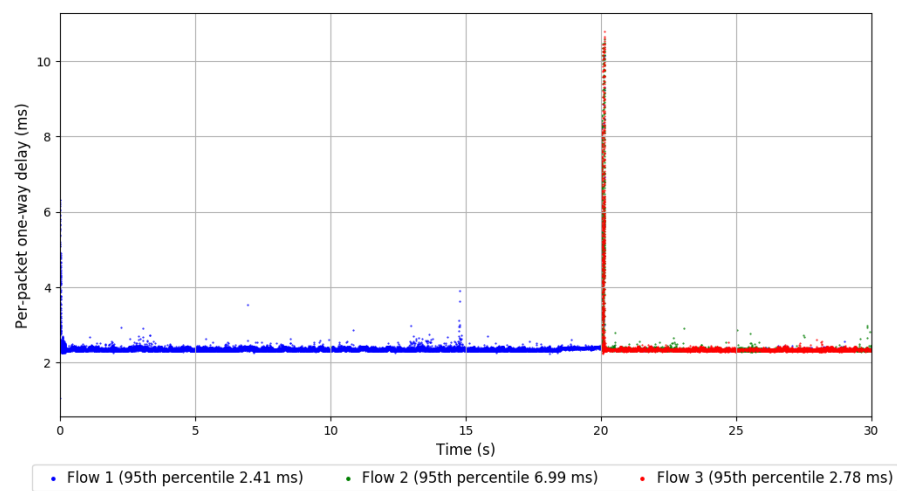
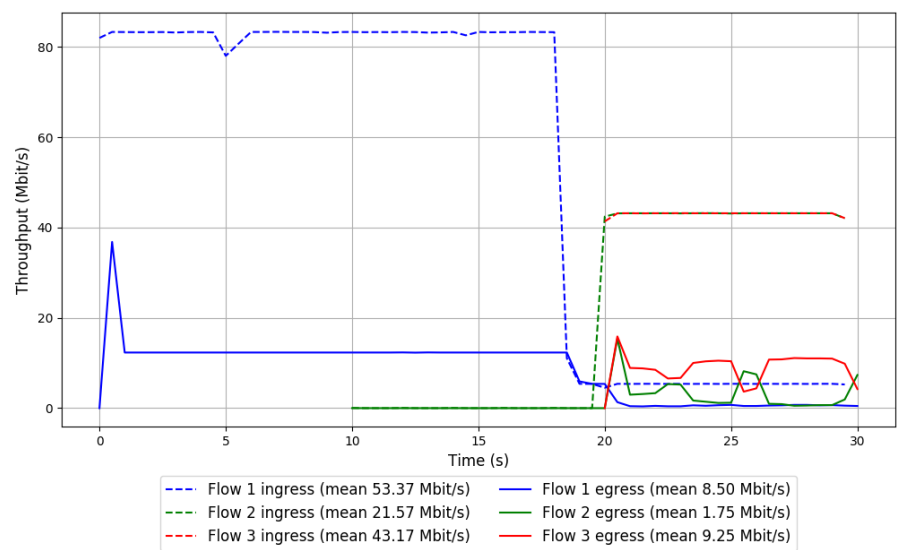


Run 3: Statistics of TaoVA-100x

Start at: 2020-02-18 02:39:13
End at: 2020-02-18 02:39:43
Local clock offset: -5.293 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 2.439 ms
Loss rate: 84.49%
-- Flow 1:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 2.413 ms
Loss rate: 84.10%
-- Flow 2:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 6.989 ms
Loss rate: 91.87%
-- Flow 3:
Average throughput: 9.25 Mbit/s
95th percentile per-packet one-way delay: 2.783 ms
Loss rate: 78.57%

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

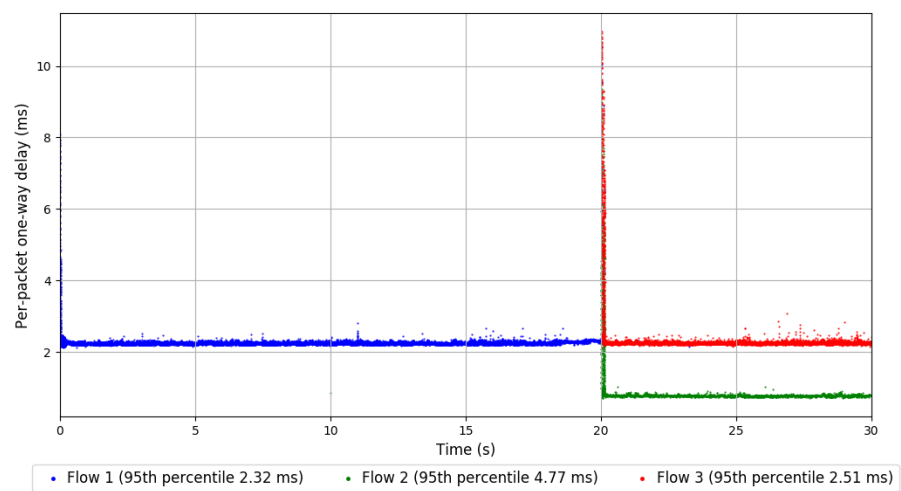
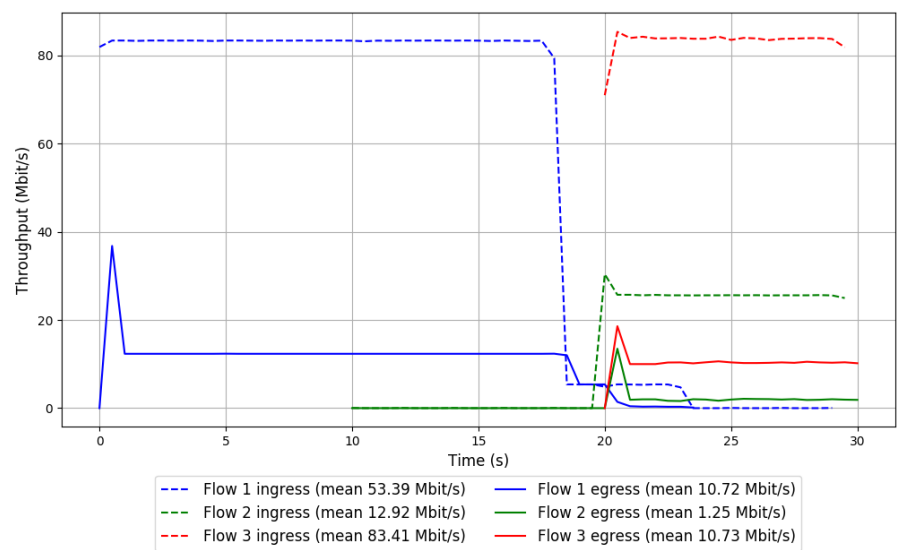


Run 4: Statistics of TaoVA-100x

Start at: 2020-02-18 03:06:27
End at: 2020-02-18 03:06:57
Local clock offset: -5.157 ms
Remote clock offset: -0.142 ms

Below is generated by plot.py at 2020-02-18 03:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 2.334 ms
Loss rate: 85.62%
-- Flow 1:
Average throughput: 10.72 Mbit/s
95th percentile per-packet one-way delay: 2.319 ms
Loss rate: 84.04%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 4.768 ms
Loss rate: 90.31%
-- Flow 3:
Average throughput: 10.73 Mbit/s
95th percentile per-packet one-way delay: 2.511 ms
Loss rate: 87.14%

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

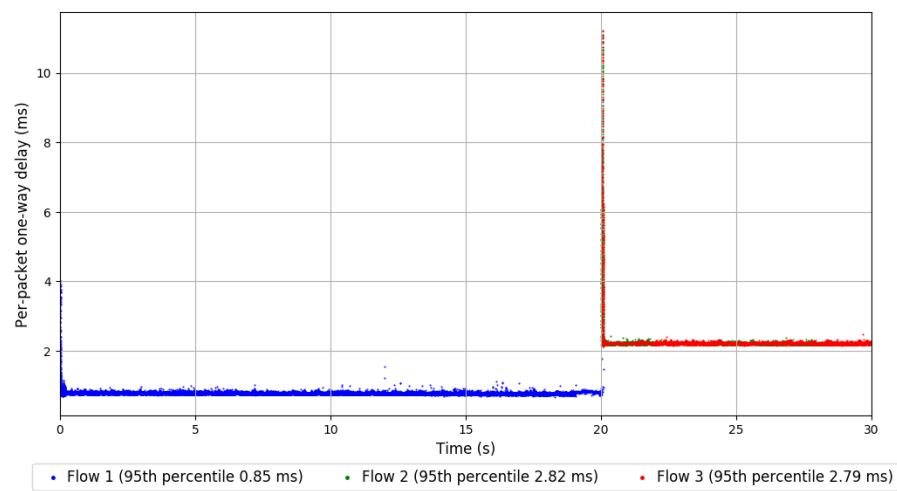
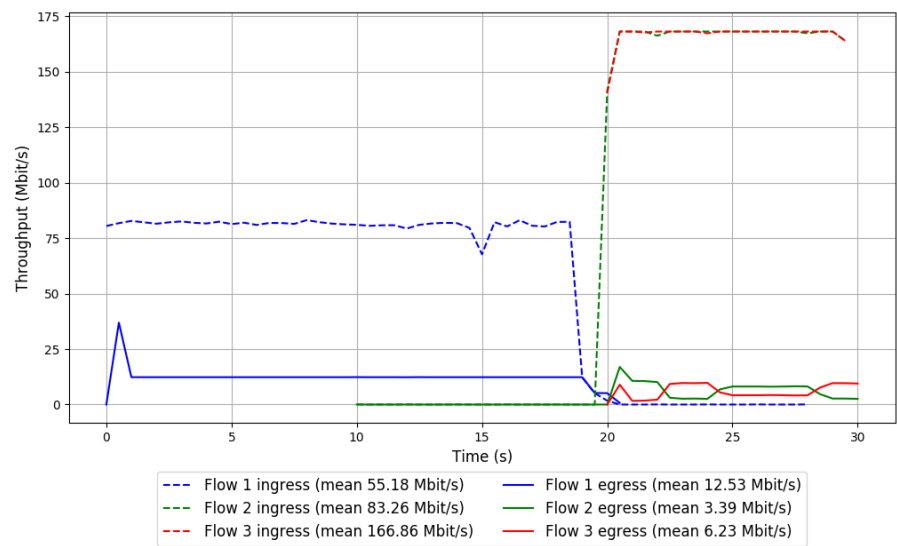


Run 5: Statistics of TaoVA-100x

Start at: 2020-02-18 03:33:55
End at: 2020-02-18 03:34:25
Local clock offset: -5.868 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2020-02-18 03:47:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 2.257 ms
Loss rate: 92.17%
-- Flow 1:
Average throughput: 12.53 Mbit/s
95th percentile per-packet one-way delay: 0.854 ms
Loss rate: 83.75%
-- Flow 2:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 2.820 ms
Loss rate: 95.93%
-- Flow 3:
Average throughput: 6.23 Mbit/s
95th percentile per-packet one-way delay: 2.790 ms
Loss rate: 96.27%

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



Run 1: Statistics of TCP Vegas

Start at: 2020-02-18 01:36:42

End at: 2020-02-18 01:37:12

Local clock offset: -6.384 ms

Remote clock offset: -0.33 ms

Below is generated by plot.py at 2020-02-18 03:48:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 4.234 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 46.19 Mbit/s

95th percentile per-packet one-way delay: 4.255 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 50.42 Mbit/s

95th percentile per-packet one-way delay: 4.230 ms

Loss rate: 0.01%

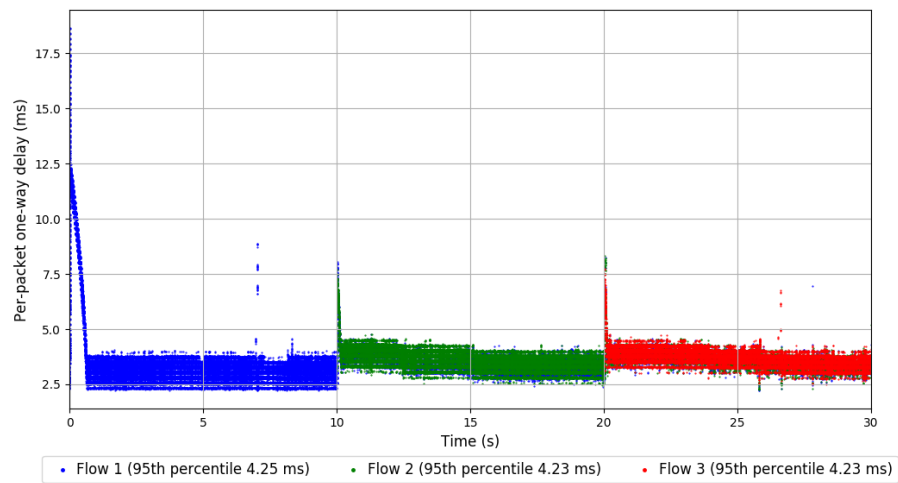
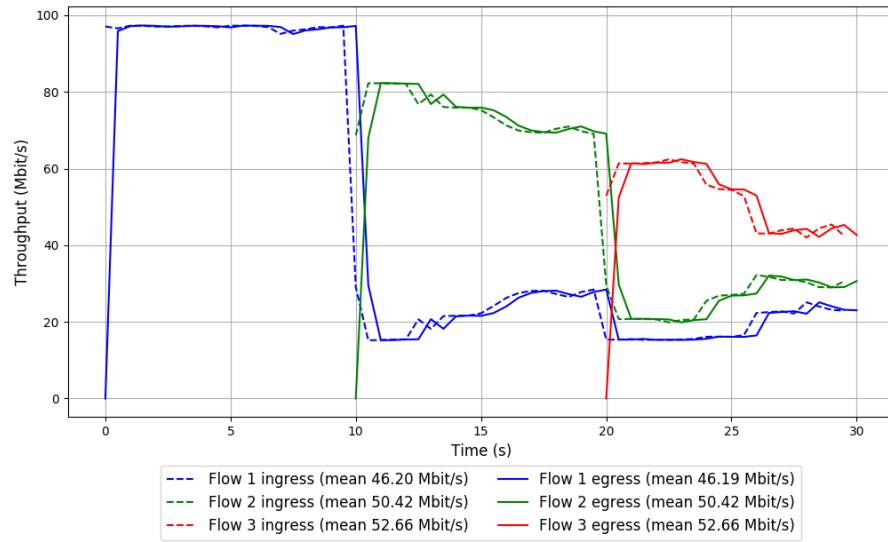
-- Flow 3:

Average throughput: 52.66 Mbit/s

95th percentile per-packet one-way delay: 4.229 ms

Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link

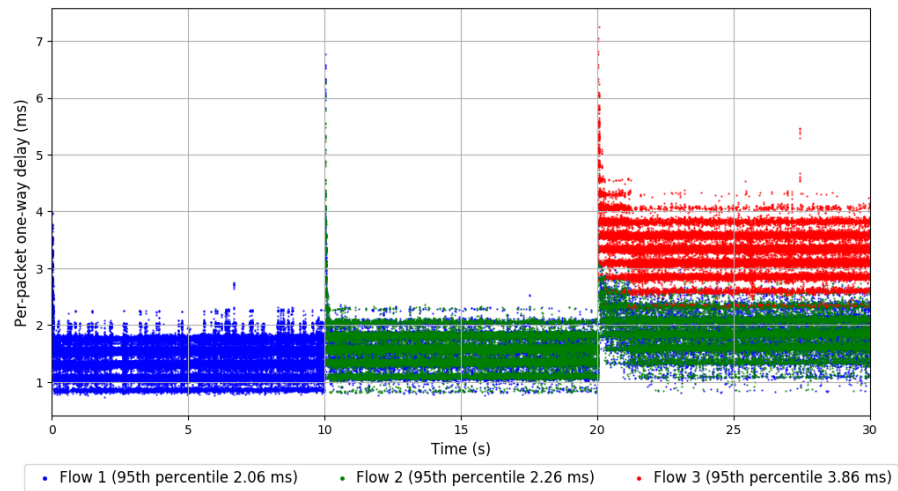
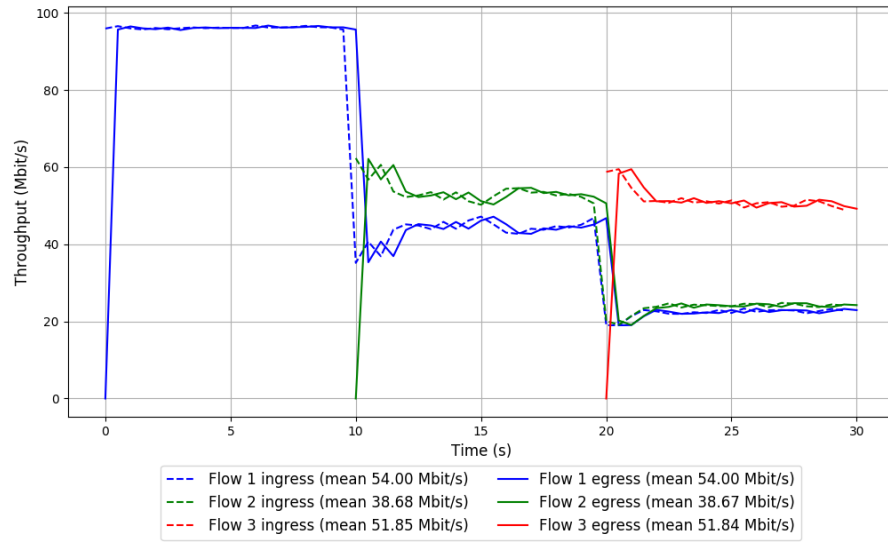


Run 2: Statistics of TCP Vegas

Start at: 2020-02-18 02:03:59
End at: 2020-02-18 02:04:29
Local clock offset: -5.983 ms
Remote clock offset: -0.287 ms

Below is generated by plot.py at 2020-02-18 03:48:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 3.554 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.00 Mbit/s
95th percentile per-packet one-way delay: 2.065 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.67 Mbit/s
95th percentile per-packet one-way delay: 2.257 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.84 Mbit/s
95th percentile per-packet one-way delay: 3.856 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

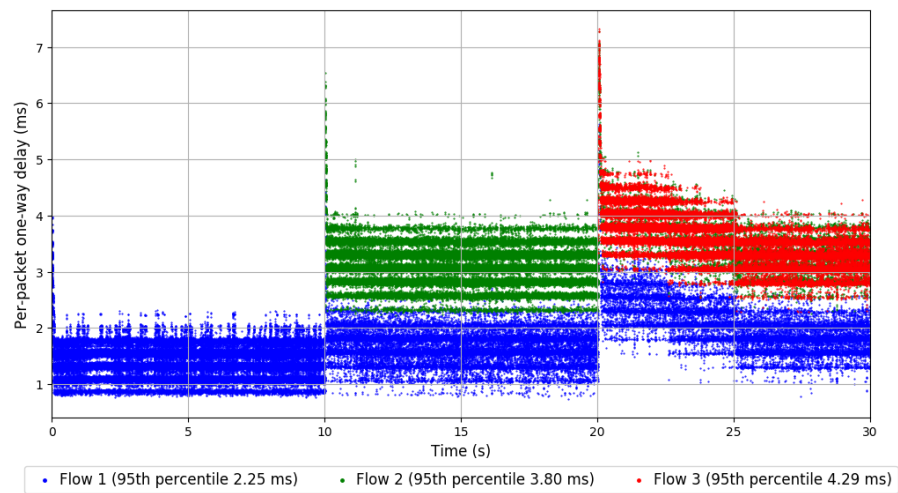
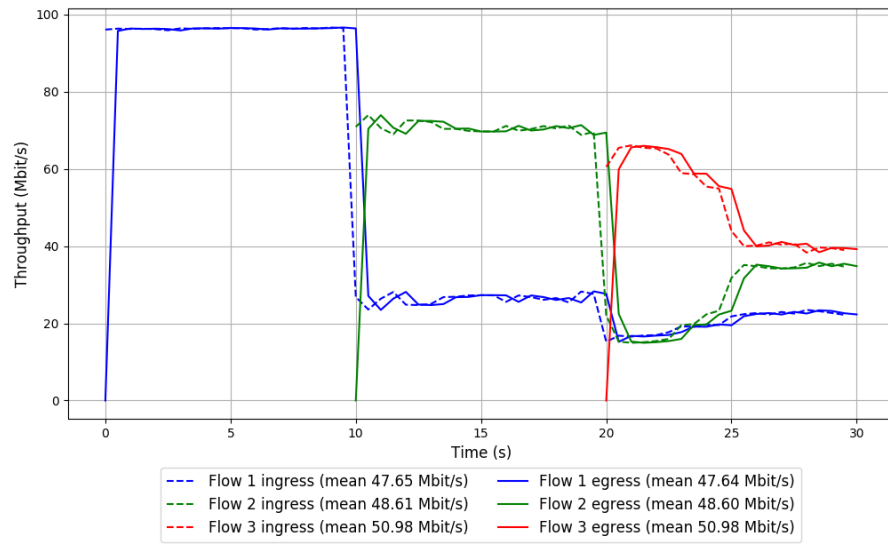


Run 3: Statistics of TCP Vegas

Start at: 2020-02-18 02:31:13
End at: 2020-02-18 02:31:43
Local clock offset: -5.102 ms
Remote clock offset: -0.169 ms

Below is generated by plot.py at 2020-02-18 03:48:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 3.948 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.64 Mbit/s
95th percentile per-packet one-way delay: 2.253 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.60 Mbit/s
95th percentile per-packet one-way delay: 3.800 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.98 Mbit/s
95th percentile per-packet one-way delay: 4.287 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

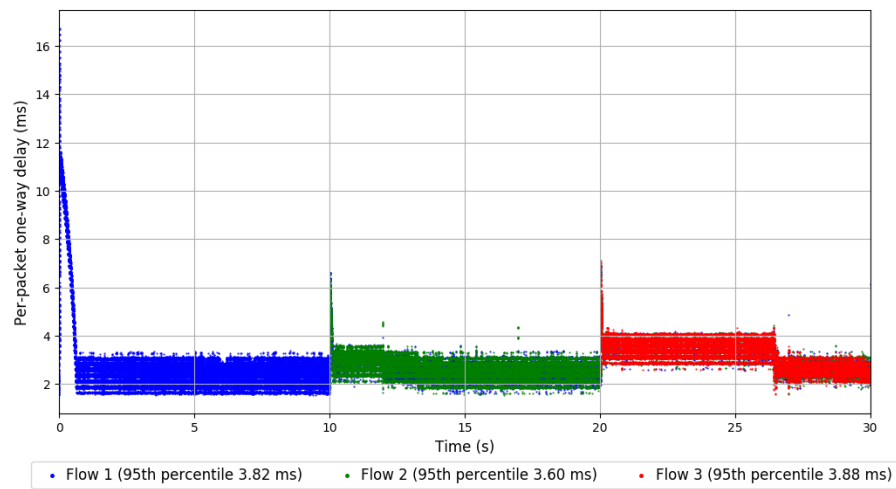
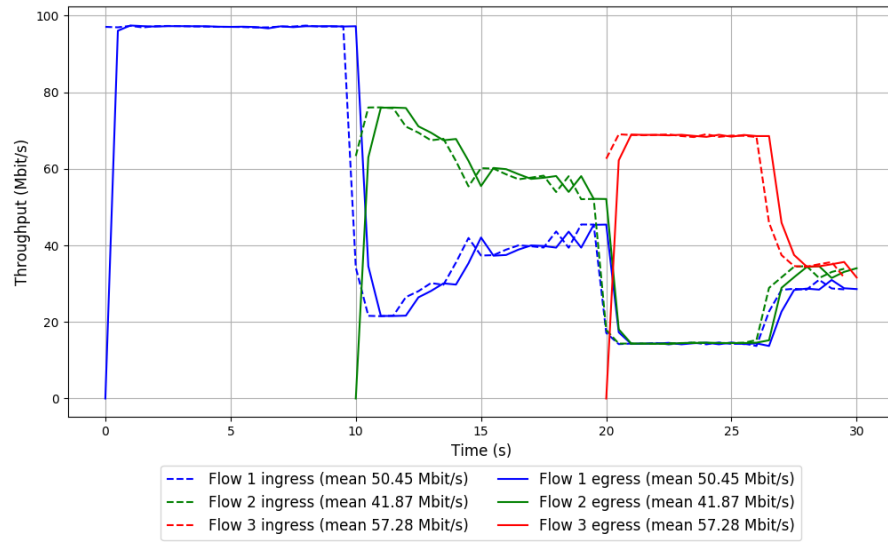


Run 4: Statistics of TCP Vegas

Start at: 2020-02-18 02:58:28
End at: 2020-02-18 02:58:58
Local clock offset: -4.59 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2020-02-18 03:48:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 3.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.45 Mbit/s
95th percentile per-packet one-way delay: 3.816 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.87 Mbit/s
95th percentile per-packet one-way delay: 3.598 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.28 Mbit/s
95th percentile per-packet one-way delay: 3.876 ms
Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link

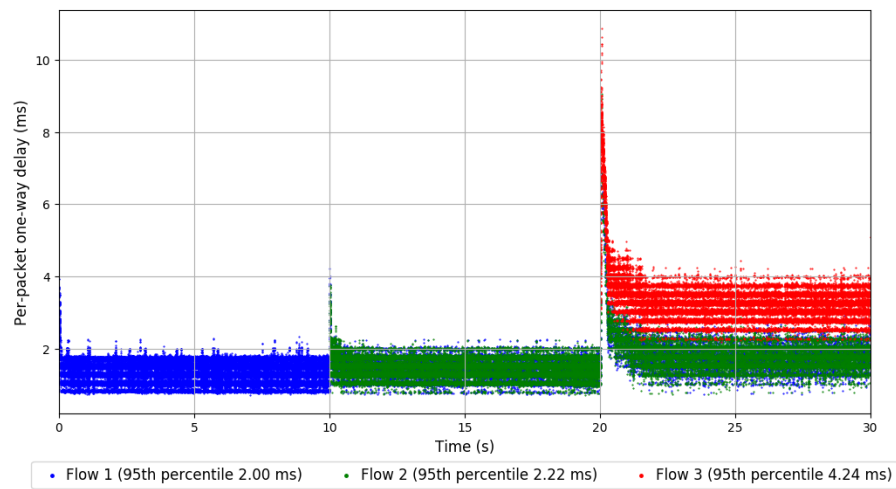
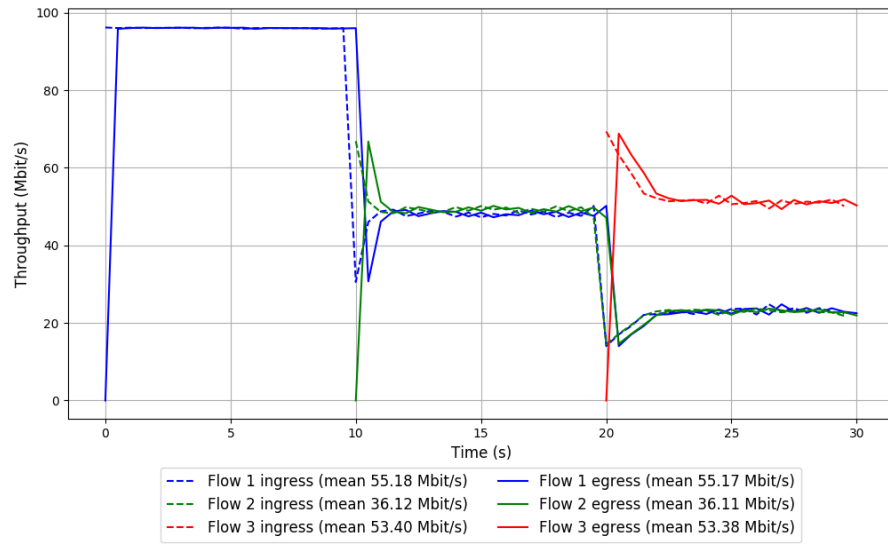


Run 5: Statistics of TCP Vegas

Start at: 2020-02-18 03:25:57
End at: 2020-02-18 03:26:27
Local clock offset: -5.149 ms
Remote clock offset: -0.037 ms

Below is generated by plot.py at 2020-02-18 03:48:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 3.505 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.17 Mbit/s
95th percentile per-packet one-way delay: 2.000 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.11 Mbit/s
95th percentile per-packet one-way delay: 2.218 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.38 Mbit/s
95th percentile per-packet one-way delay: 4.243 ms
Loss rate: 0.02%

Run 5: Report of TCP Vegas — Data Link

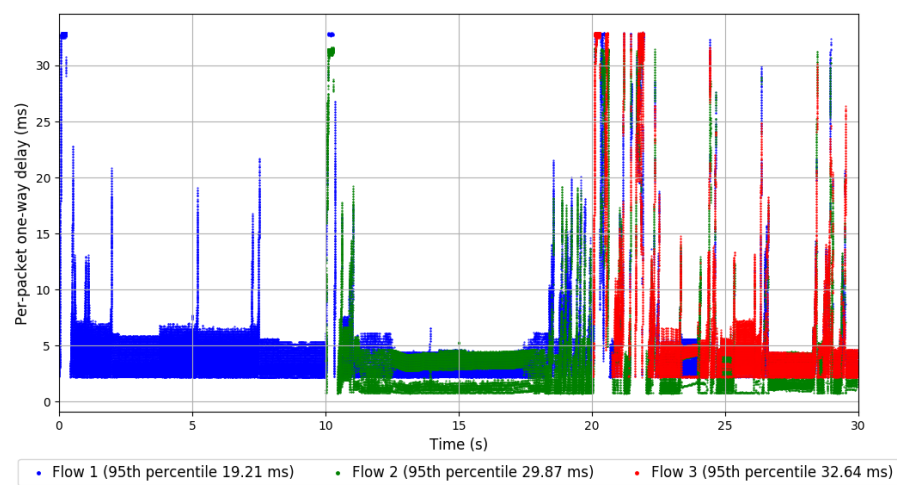
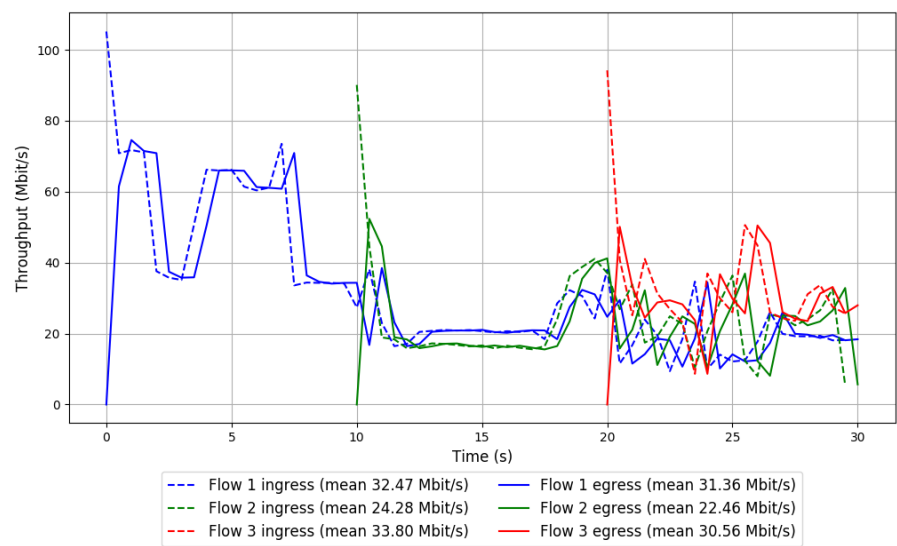


Run 1: Statistics of Verus

Start at: 2020-02-18 01:25:27
End at: 2020-02-18 01:25:57
Local clock offset: -5.81 ms
Remote clock offset: -0.293 ms

Below is generated by plot.py at 2020-02-18 03:48:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.44 Mbit/s
95th percentile per-packet one-way delay: 27.688 ms
Loss rate: 5.68%
-- Flow 1:
Average throughput: 31.36 Mbit/s
95th percentile per-packet one-way delay: 19.213 ms
Loss rate: 3.41%
-- Flow 2:
Average throughput: 22.46 Mbit/s
95th percentile per-packet one-way delay: 29.873 ms
Loss rate: 7.53%
-- Flow 3:
Average throughput: 30.56 Mbit/s
95th percentile per-packet one-way delay: 32.639 ms
Loss rate: 9.61%

Run 1: Report of Verus — Data Link

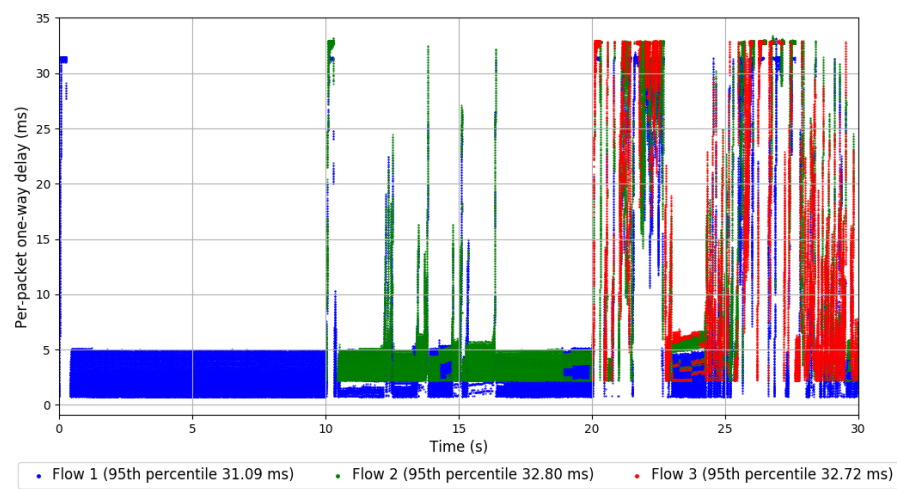
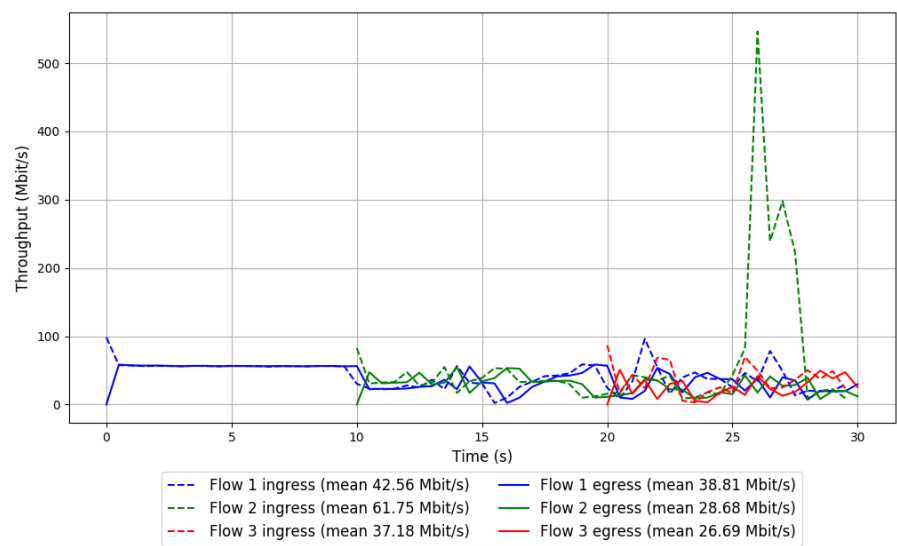


Run 2: Statistics of Verus

Start at: 2020-02-18 01:52:44
End at: 2020-02-18 01:53:14
Local clock offset: -6.815 ms
Remote clock offset: -0.261 ms

Below is generated by plot.py at 2020-02-18 03:48:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.76 Mbit/s
95th percentile per-packet one-way delay: 32.489 ms
Loss rate: 30.45%
-- Flow 1:
Average throughput: 38.81 Mbit/s
95th percentile per-packet one-way delay: 31.090 ms
Loss rate: 8.79%
-- Flow 2:
Average throughput: 28.68 Mbit/s
95th percentile per-packet one-way delay: 32.801 ms
Loss rate: 53.54%
-- Flow 3:
Average throughput: 26.69 Mbit/s
95th percentile per-packet one-way delay: 32.716 ms
Loss rate: 28.21%

Run 2: Report of Verus — Data Link

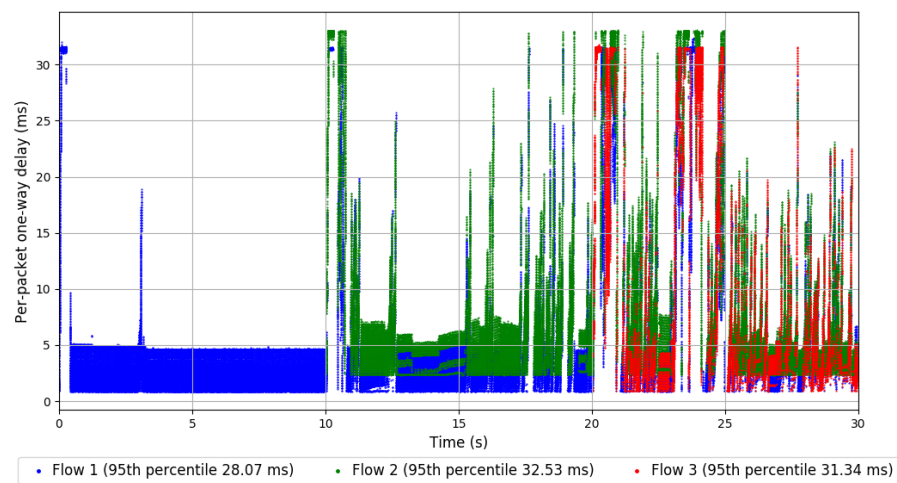
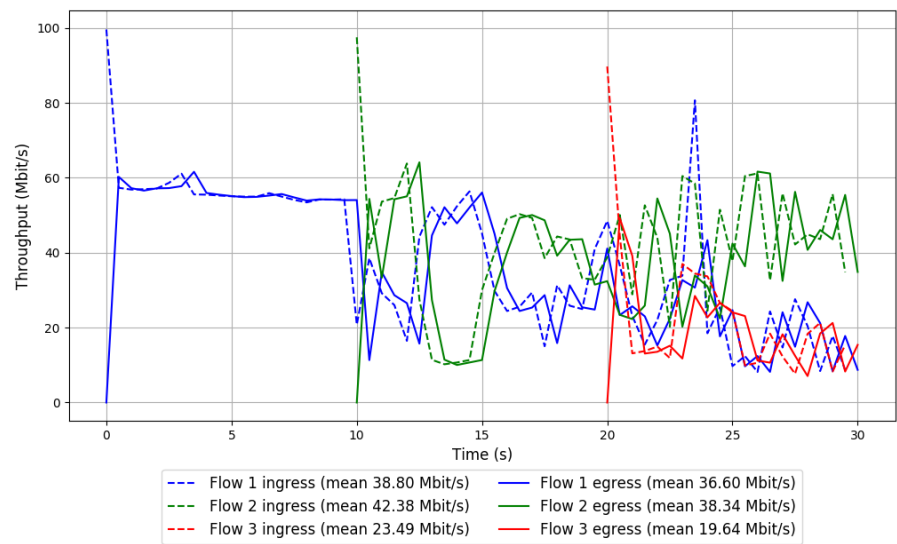


Run 3: Statistics of Verus

Start at: 2020-02-18 02:19:59
End at: 2020-02-18 02:20:29
Local clock offset: -5.154 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2020-02-18 03:48:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.63 Mbit/s
95th percentile per-packet one-way delay: 31.230 ms
Loss rate: 8.25%
-- Flow 1:
Average throughput: 36.60 Mbit/s
95th percentile per-packet one-way delay: 28.065 ms
Loss rate: 5.66%
-- Flow 2:
Average throughput: 38.34 Mbit/s
95th percentile per-packet one-way delay: 32.534 ms
Loss rate: 9.56%
-- Flow 3:
Average throughput: 19.64 Mbit/s
95th percentile per-packet one-way delay: 31.343 ms
Loss rate: 16.38%

Run 3: Report of Verus — Data Link

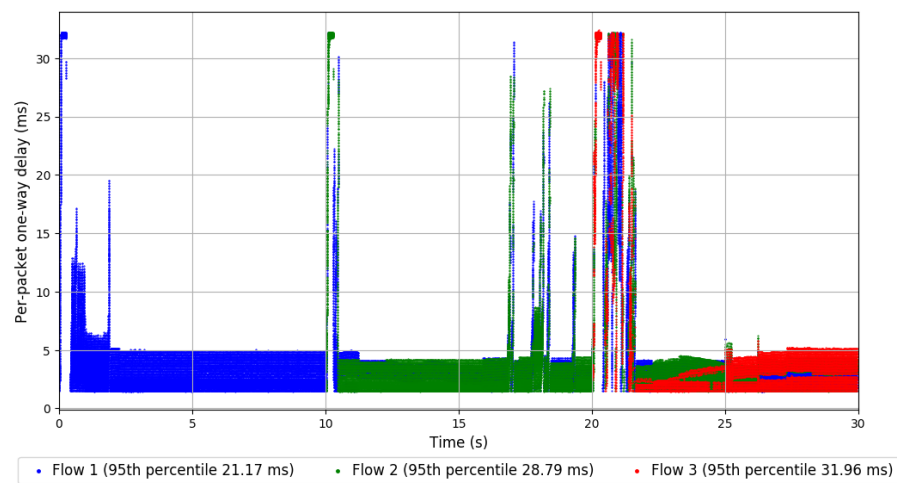
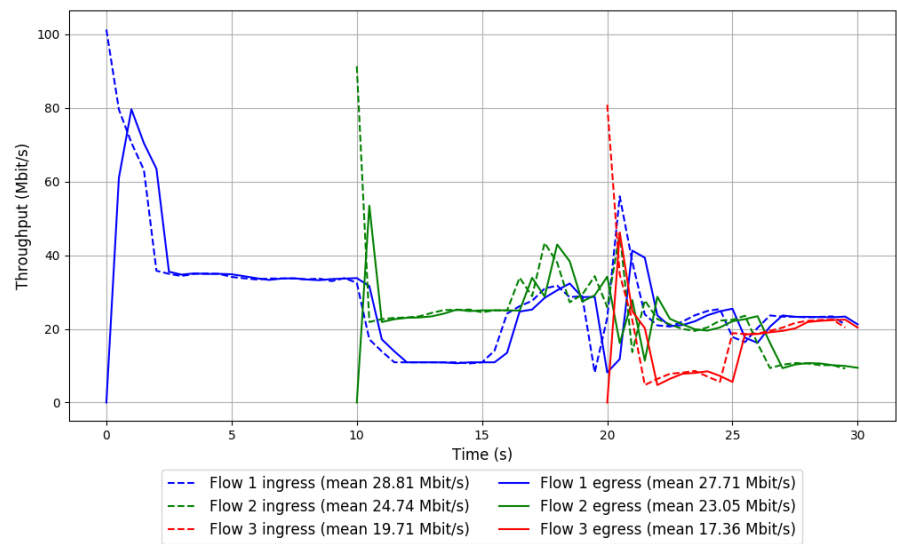


Run 4: Statistics of Verus

Start at: 2020-02-18 02:47:14
End at: 2020-02-18 02:47:44
Local clock offset: -4.56 ms
Remote clock offset: -0.151 ms

Below is generated by plot.py at 2020-02-18 03:48:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.81 Mbit/s
95th percentile per-packet one-way delay: 28.397 ms
Loss rate: 5.80%
-- Flow 1:
Average throughput: 27.71 Mbit/s
95th percentile per-packet one-way delay: 21.171 ms
Loss rate: 3.82%
-- Flow 2:
Average throughput: 23.05 Mbit/s
95th percentile per-packet one-way delay: 28.791 ms
Loss rate: 6.83%
-- Flow 3:
Average throughput: 17.36 Mbit/s
95th percentile per-packet one-way delay: 31.961 ms
Loss rate: 11.97%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2020-02-18 03:14:32

End at: 2020-02-18 03:15:02

Local clock offset: -5.175 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2020-02-18 03:48:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 61.16 Mbit/s

95th percentile per-packet one-way delay: 32.785 ms

Loss rate: 20.33%

-- Flow 1:

Average throughput: 36.88 Mbit/s

95th percentile per-packet one-way delay: 32.566 ms

Loss rate: 7.84%

-- Flow 2:

Average throughput: 22.14 Mbit/s

95th percentile per-packet one-way delay: 32.788 ms

Loss rate: 18.21%

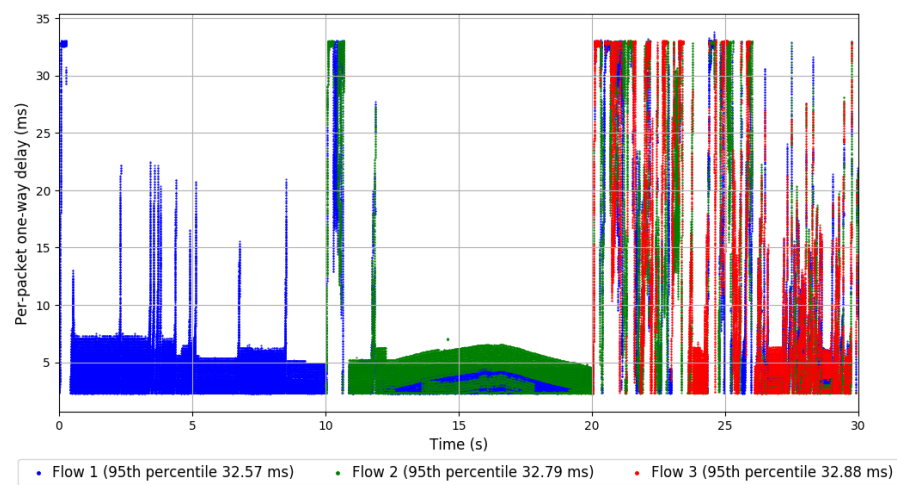
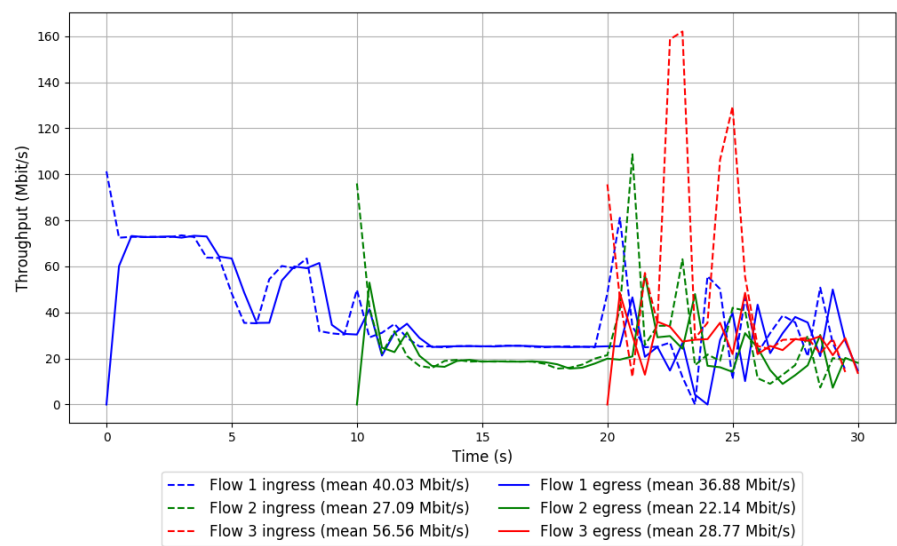
-- Flow 3:

Average throughput: 28.77 Mbit/s

95th percentile per-packet one-way delay: 32.883 ms

Loss rate: 49.05%

Run 5: Report of Verus — Data Link

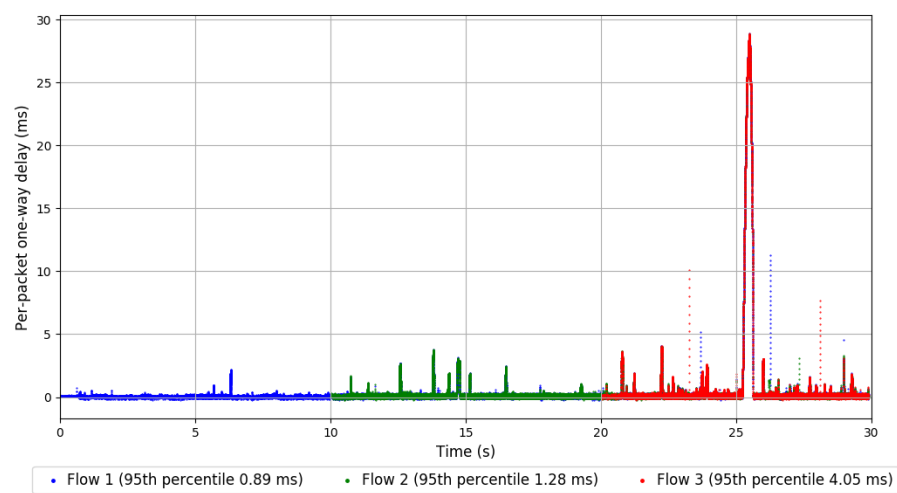
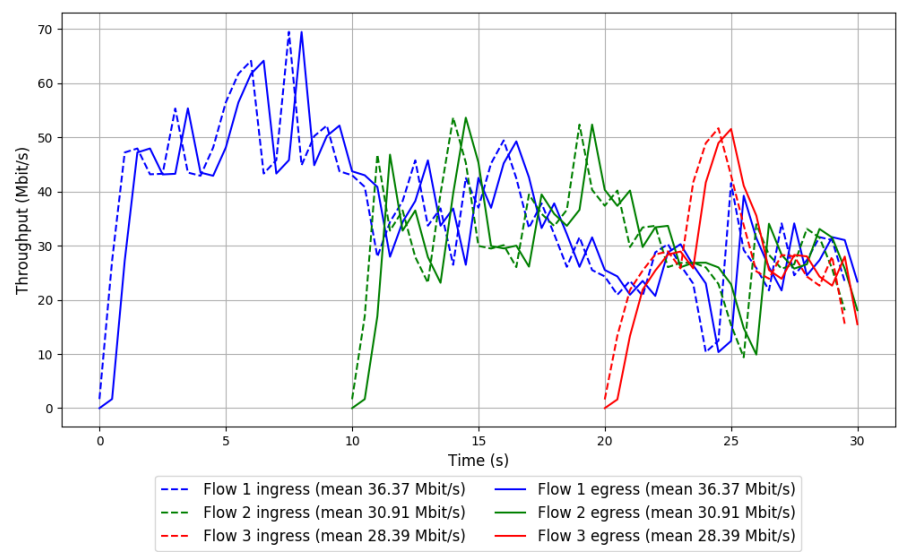


Run 1: Statistics of PCC-Vivace

Start at: 2020-02-18 01:38:59
End at: 2020-02-18 01:39:29
Local clock offset: -5.664 ms
Remote clock offset: -0.322 ms

Below is generated by plot.py at 2020-02-18 03:48:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.30 Mbit/s
95th percentile per-packet one-way delay: 1.431 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.37 Mbit/s
95th percentile per-packet one-way delay: 0.894 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.91 Mbit/s
95th percentile per-packet one-way delay: 1.285 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.39 Mbit/s
95th percentile per-packet one-way delay: 4.054 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

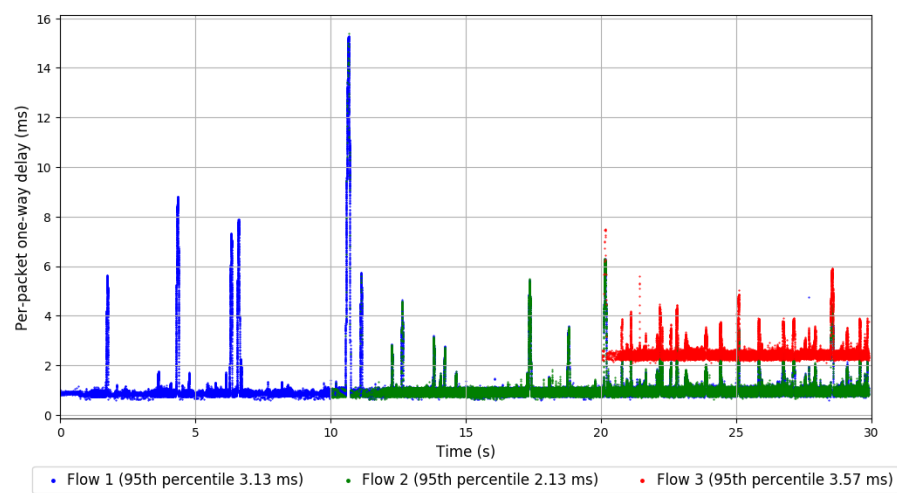
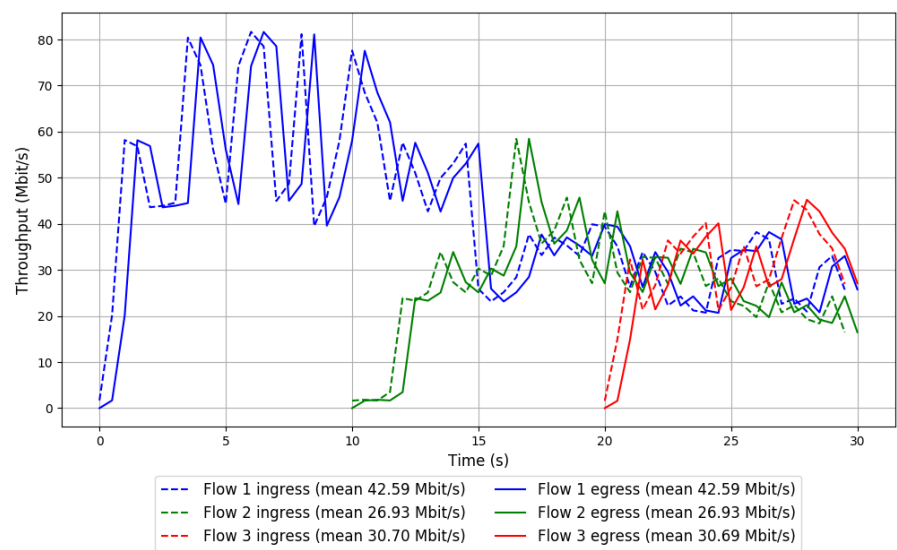


Run 2: Statistics of PCC-Vivace

Start at: 2020-02-18 02:06:16
End at: 2020-02-18 02:06:46
Local clock offset: -5.73 ms
Remote clock offset: -0.268 ms

Below is generated by plot.py at 2020-02-18 03:48:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.63 Mbit/s
95th percentile per-packet one-way delay: 3.110 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.59 Mbit/s
95th percentile per-packet one-way delay: 3.131 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.93 Mbit/s
95th percentile per-packet one-way delay: 2.135 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 3.568 ms
Loss rate: 0.01%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2020-02-18 02:33:31

End at: 2020-02-18 02:34:01

Local clock offset: -4.405 ms

Remote clock offset: -0.23 ms

Below is generated by plot.py at 2020-02-18 03:49:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.11 Mbit/s

95th percentile per-packet one-way delay: 1.837 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 51.54 Mbit/s

95th percentile per-packet one-way delay: 1.813 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 28.20 Mbit/s

95th percentile per-packet one-way delay: 0.966 ms

Loss rate: 0.00%

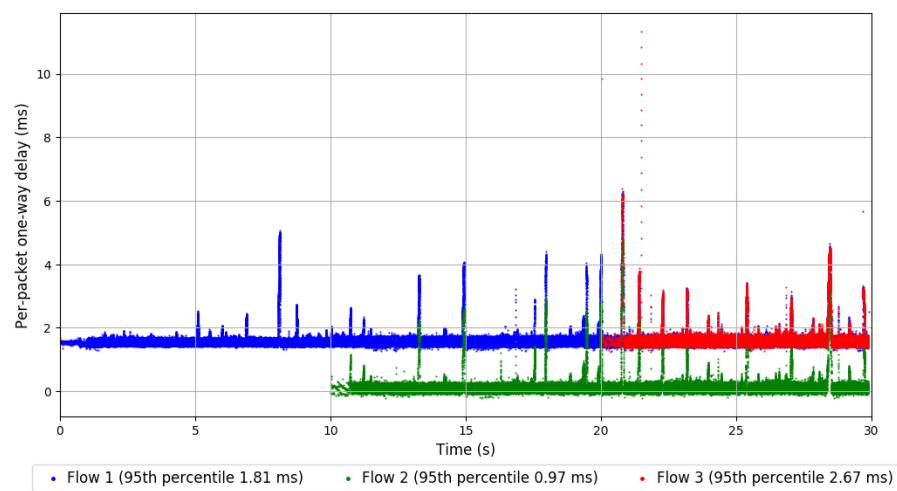
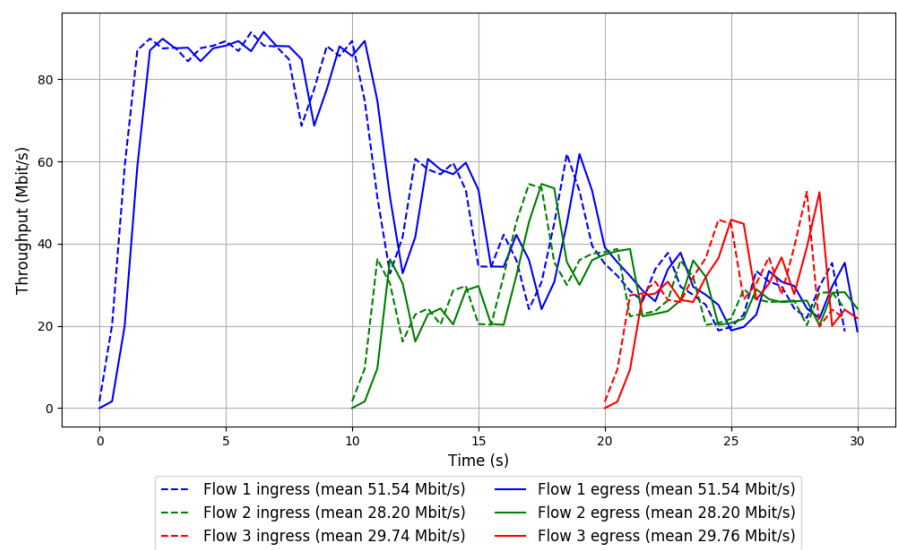
-- Flow 3:

Average throughput: 29.76 Mbit/s

95th percentile per-packet one-way delay: 2.671 ms

Loss rate: 0.01%

Run 3: Report of PCC-Vivace — Data Link

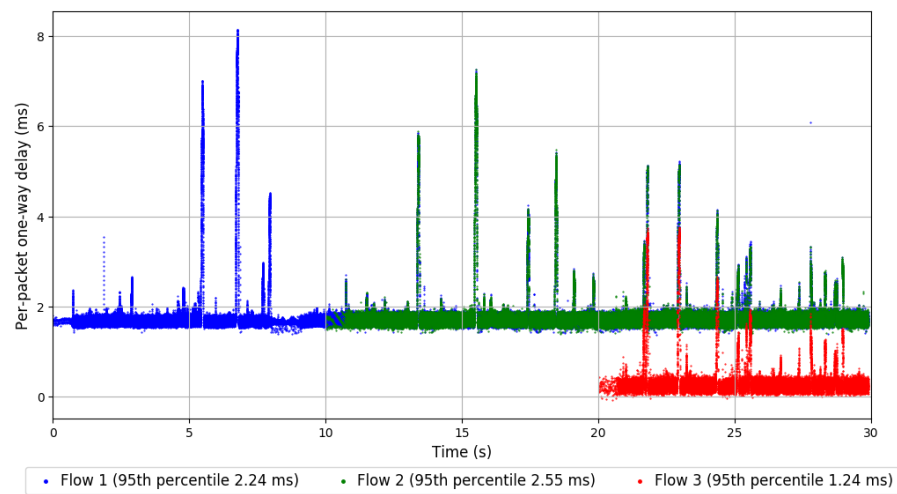
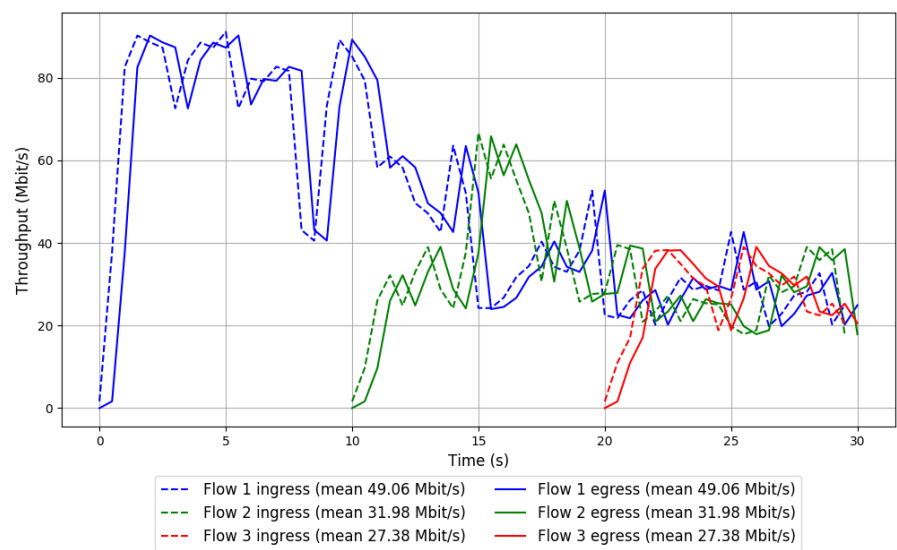


Run 4: Statistics of PCC-Vivace

Start at: 2020-02-18 03:00:46
End at: 2020-02-18 03:01:16
Local clock offset: -4.537 ms
Remote clock offset: -0.047 ms

```
# Below is generated by plot.py at 2020-02-18 03:49:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.37 Mbit/s
95th percentile per-packet one-way delay: 2.247 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.06 Mbit/s
95th percentile per-packet one-way delay: 2.242 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 2.548 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.38 Mbit/s
95th percentile per-packet one-way delay: 1.242 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Vivace — Data Link

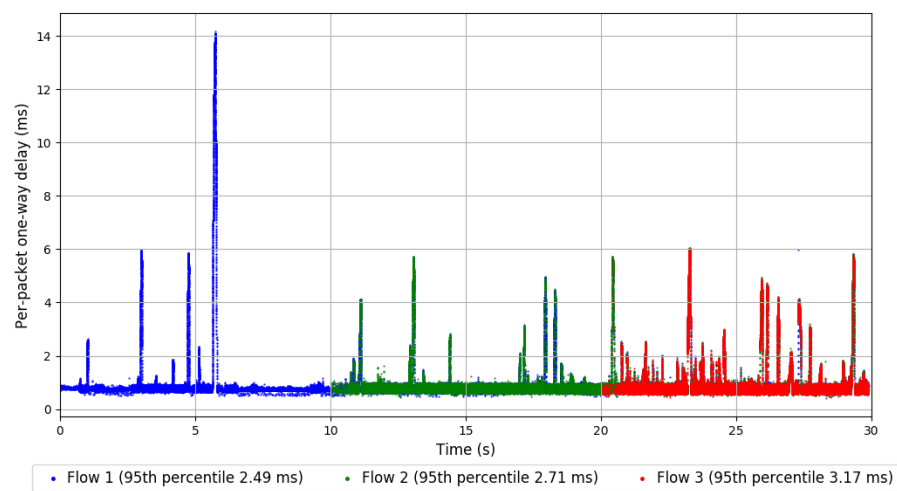
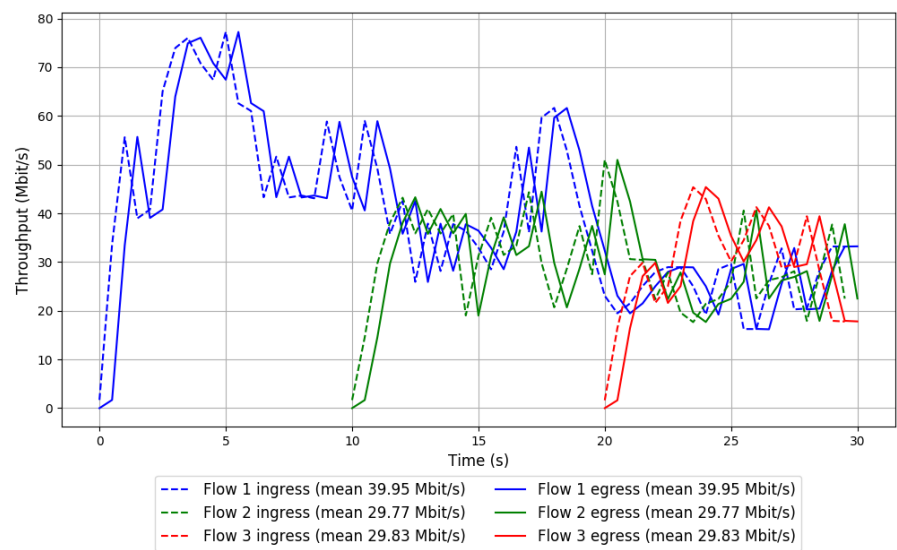


Run 5: Statistics of PCC-Vivace

Start at: 2020-02-18 03:28:14
End at: 2020-02-18 03:28:44
Local clock offset: -5.149 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2020-02-18 03:49:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.60 Mbit/s
95th percentile per-packet one-way delay: 2.703 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.95 Mbit/s
95th percentile per-packet one-way delay: 2.491 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.77 Mbit/s
95th percentile per-packet one-way delay: 2.711 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.83 Mbit/s
95th percentile per-packet one-way delay: 3.170 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

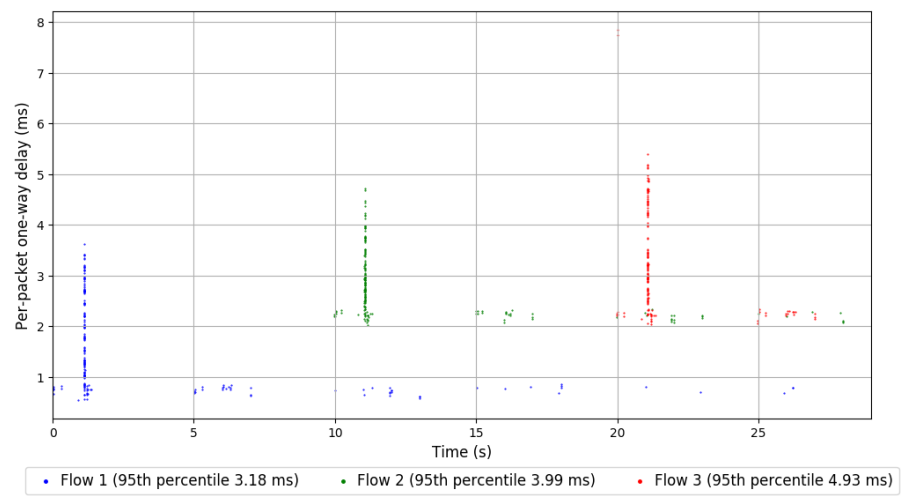
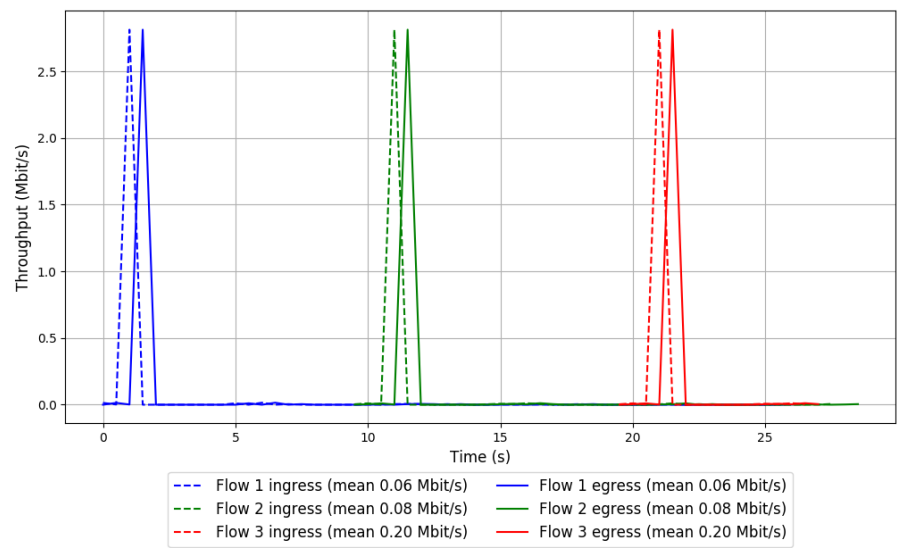


Run 1: Statistics of WebRTC media

Start at: 2020-02-18 01:26:36
End at: 2020-02-18 01:27:06
Local clock offset: -5.821 ms
Remote clock offset: -0.328 ms

Below is generated by plot.py at 2020-02-18 03:49:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 4.554 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.176 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 3.992 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 4.935 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

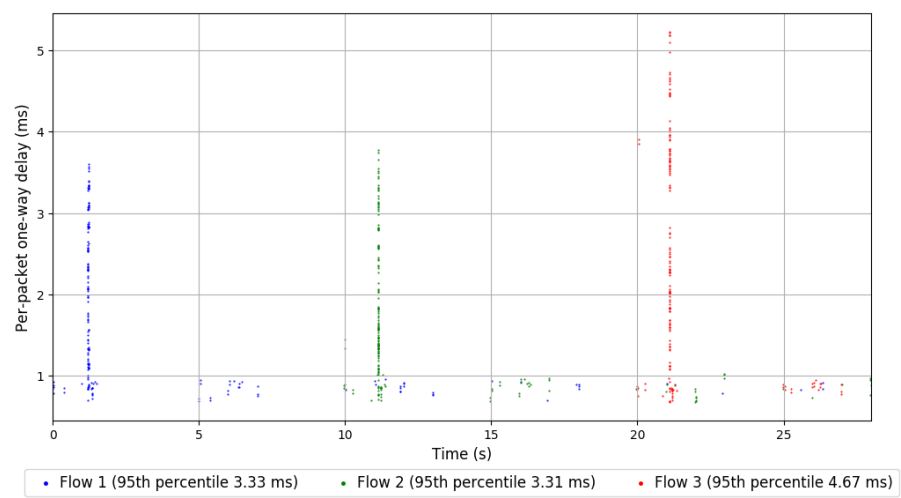
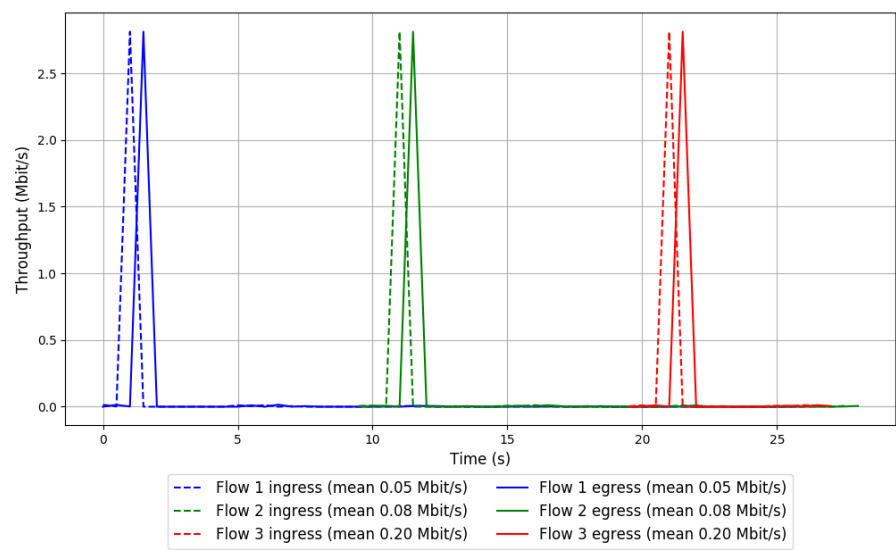


Run 2: Statistics of WebRTC media

Start at: 2020-02-18 01:53:53
End at: 2020-02-18 01:54:23
Local clock offset: -6.862 ms
Remote clock offset: -0.256 ms

Below is generated by plot.py at 2020-02-18 03:49:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 3.907 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.332 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 3.313 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 4.668 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

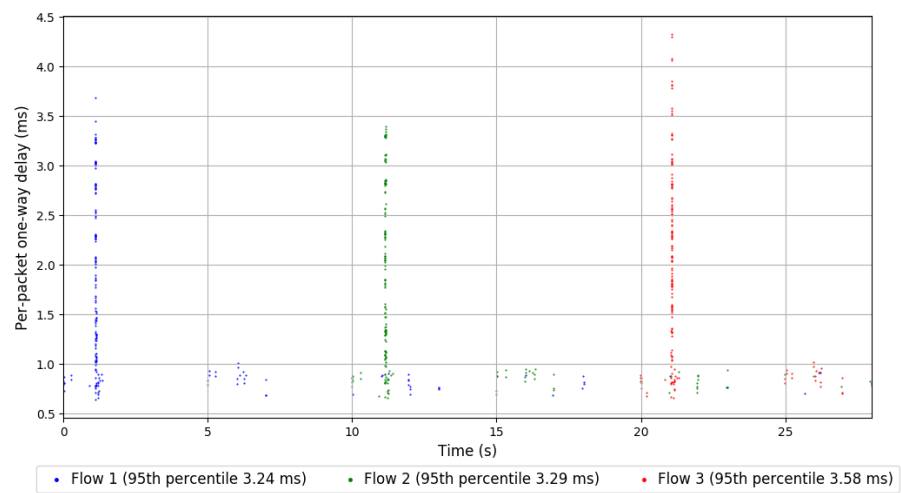
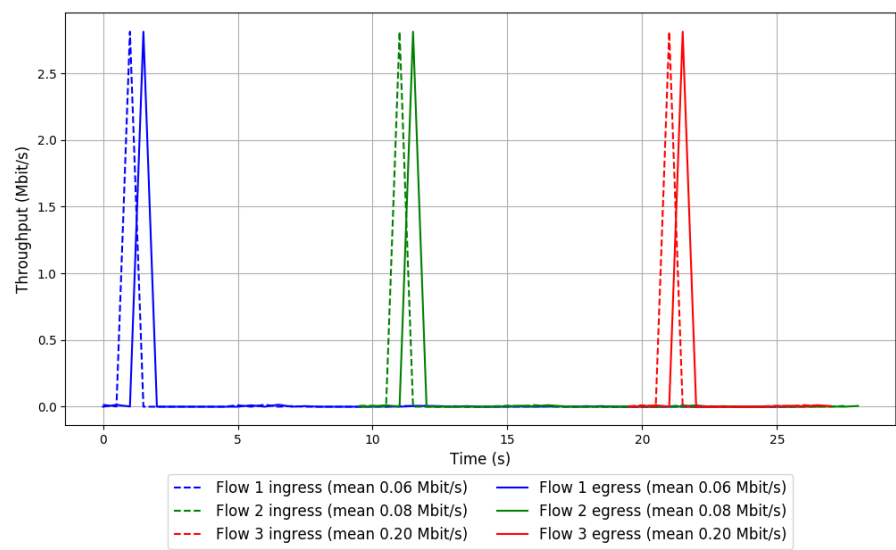


Run 3: Statistics of WebRTC media

Start at: 2020-02-18 02:21:08
End at: 2020-02-18 02:21:38
Local clock offset: -5.068 ms
Remote clock offset: -0.234 ms

Below is generated by plot.py at 2020-02-18 03:49:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 3.300 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.236 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 3.294 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 3.582 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

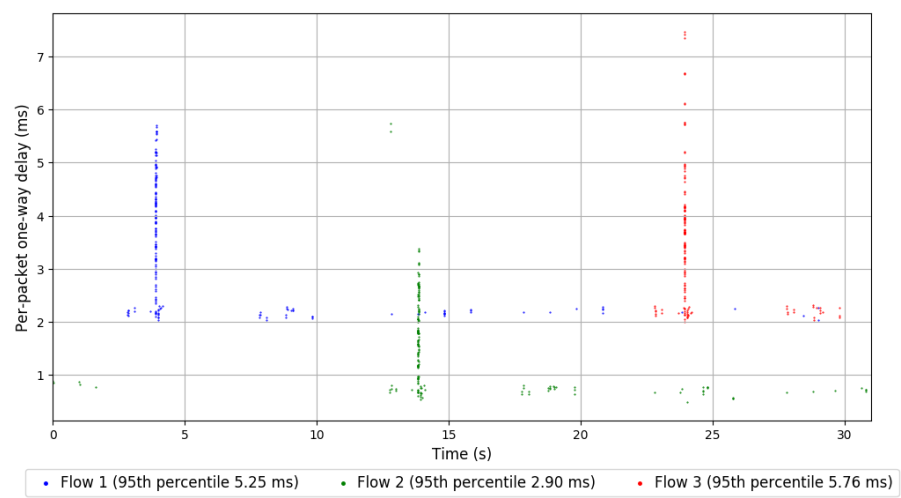
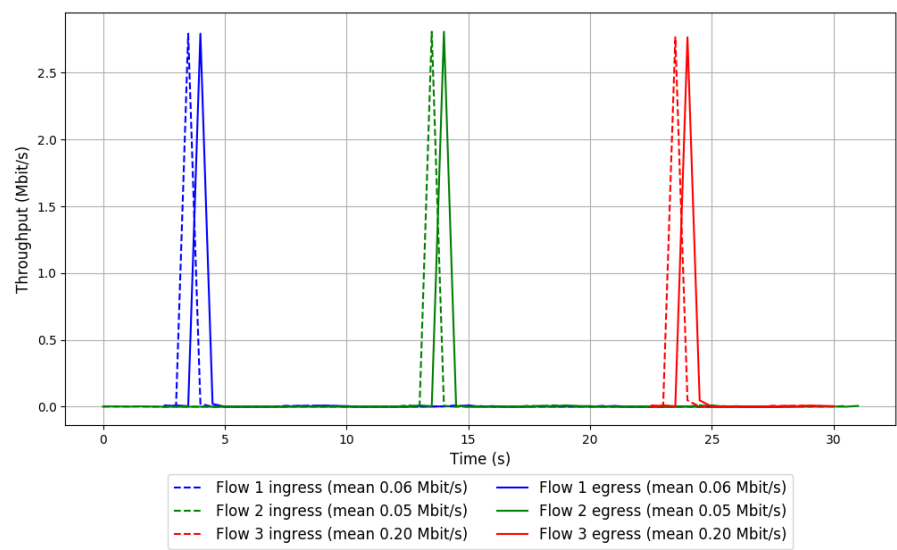


Run 4: Statistics of WebRTC media

Start at: 2020-02-18 02:48:23
End at: 2020-02-18 02:48:53
Local clock offset: -5.299 ms
Remote clock offset: -0.248 ms

Below is generated by plot.py at 2020-02-18 03:49:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 5.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 5.250 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.896 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.756 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2020-02-18 03:15:41
End at: 2020-02-18 03:16:11
Local clock offset: -4.358 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2020-02-18 03:49:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 2.723 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 2.512 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 2.251 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 3.002 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

