

Pantheon Report

Generated at 2019-04-23 21:24:32 (UTC).

Data path: AWS California 2 on `ens5` (*local*) → Mexico on `em1` (*remote*).

Repeated the test of 21 congestion control schemes 5 times.

Each test lasted for 30 seconds running 1 flow.

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

System info:

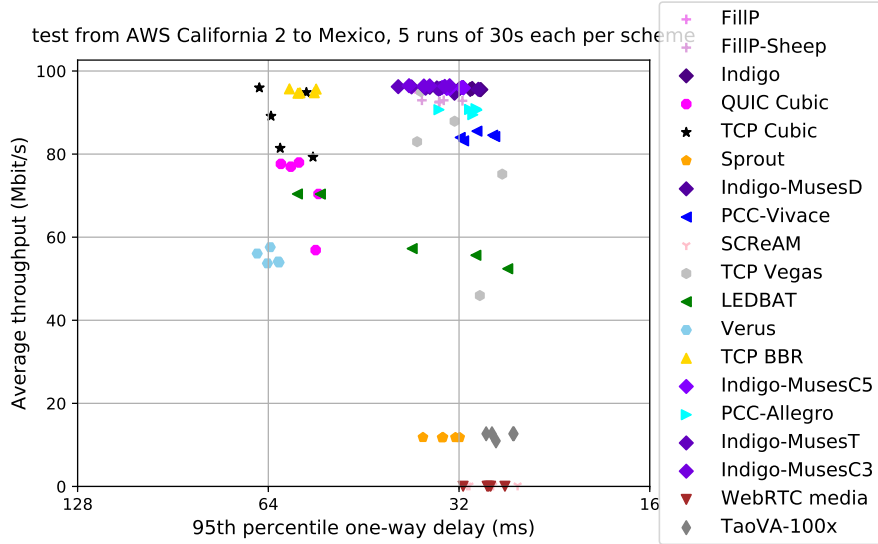
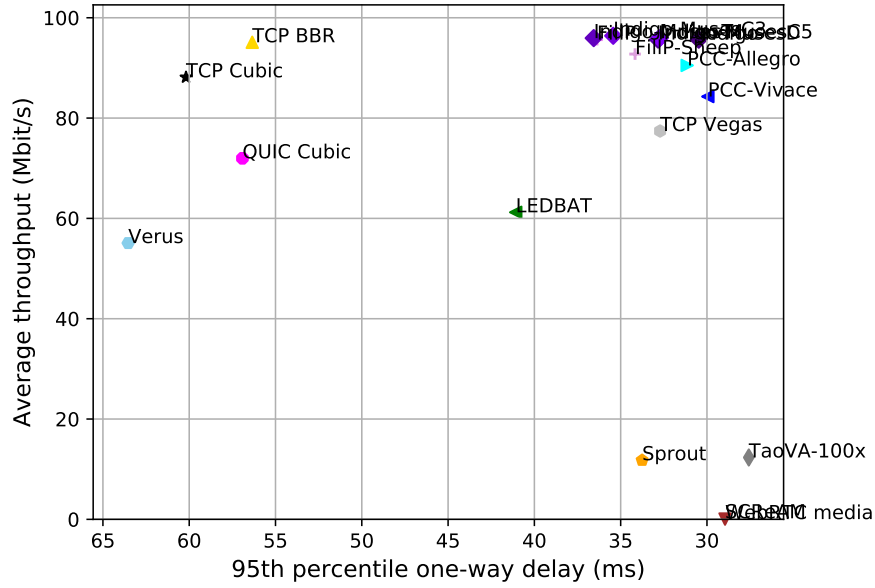
```
Linux 4.15.0-1034-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 7a686f7c2ed0a333082c0bab1fa5c921ab47e6ee
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

test from AWS California 2 to Mexico, 5 runs of 30s each per scheme
(mean of all runs by scheme)



scheme	# runs	mean avg tput (Mbit/s)	mean 95th-%ile delay (ms)	mean loss rate (%)
		flow 1	flow 1	flow 1
TCP BBR	5	95.11	56.35	1.11
Copa	0	N/A	N/A	N/A
TCP Cubic	5	88.13	60.19	0.54
FillP	5	95.64	36.37	0.65
FillP-Sheep	5	92.76	34.17	0.61
Indigo	5	95.63	30.48	0.02
Indigo-MusesC3	5	96.41	35.43	0.05
Indigo-MusesC5	5	95.91	32.75	0.04
Indigo-MusesD	5	95.65	32.84	0.05
Indigo-MusesT	5	95.94	36.56	0.93
LEDBAT	5	61.21	41.08	0.01
PCC-Allegro	5	90.49	31.15	0.76
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	71.98	56.92	1.81
SReAM	5	0.21	28.96	0.00
Sprout	5	11.79	33.76	0.03
TaoVA-100x	5	12.34	27.58	74.19
TCP Vegas	5	77.42	32.72	0.68
Verus	5	55.08	63.54	23.42
PCC-Vivace	5	84.30	29.95	0.00
WebRTC media	5	0.05	28.95	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-04-23 19:09:00

End at: 2019-04-23 19:09:30

Local clock offset: 6.615 ms

Remote clock offset: -1.266 ms

Below is generated by plot.py at 2019-04-23 21:14:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 53.784 ms

Loss rate: 1.27%

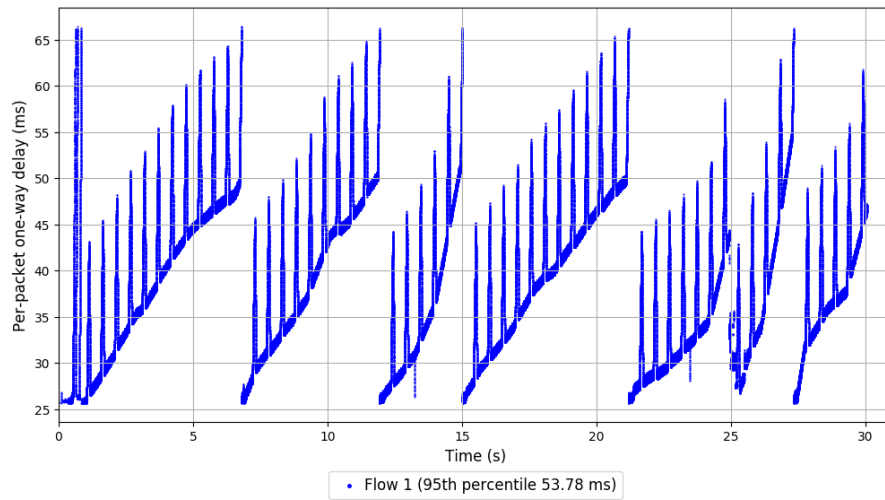
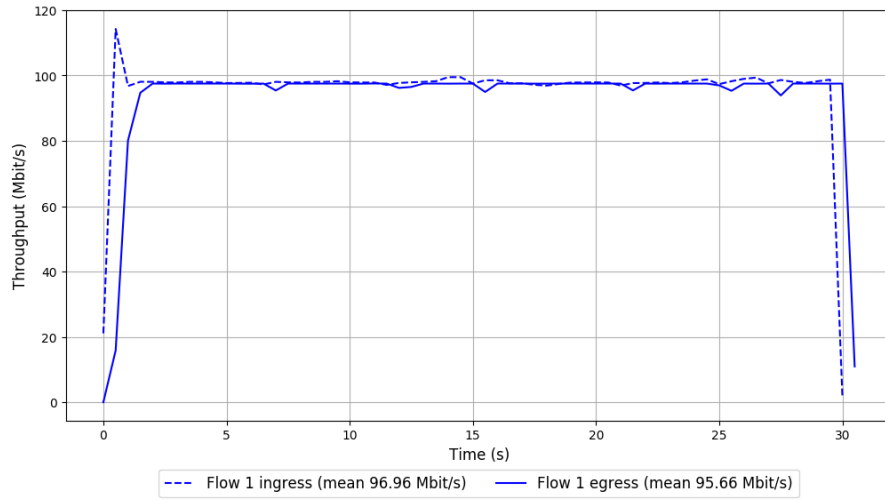
-- Flow 1:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 53.784 ms

Loss rate: 1.27%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-04-23 19:33:57

End at: 2019-04-23 19:34:27

Local clock offset: 3.173 ms

Remote clock offset: 4.902 ms

Below is generated by plot.py at 2019-04-23 21:14:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.71 Mbit/s

95th percentile per-packet one-way delay: 59.271 ms

Loss rate: 1.19%

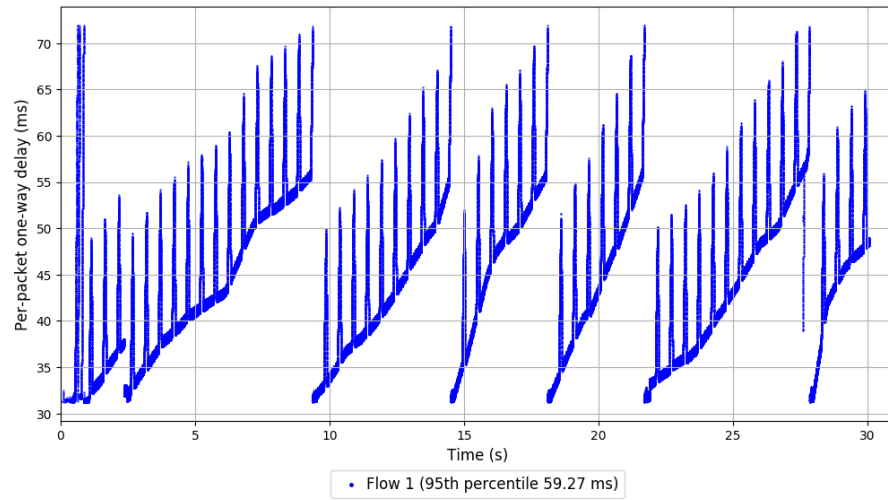
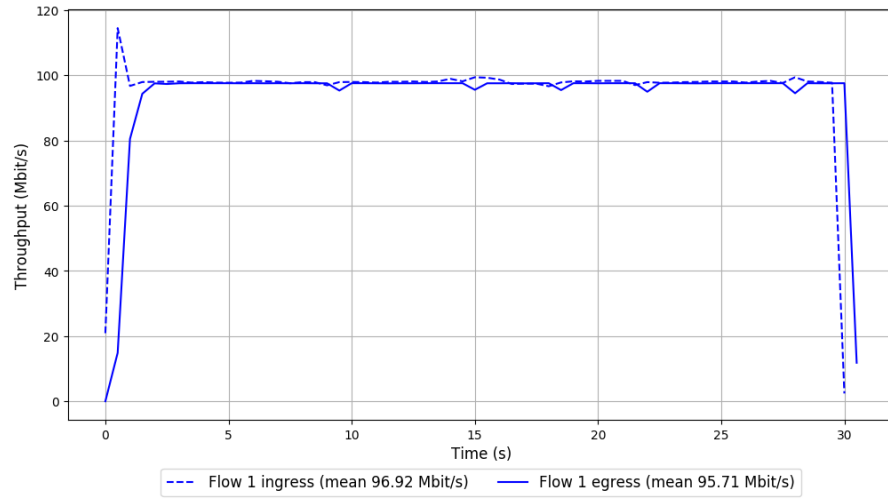
-- Flow 1:

Average throughput: 95.71 Mbit/s

95th percentile per-packet one-way delay: 59.271 ms

Loss rate: 1.19%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-04-23 19:59:05

End at: 2019-04-23 19:59:35

Local clock offset: 1.819 ms

Remote clock offset: 2.446 ms

Below is generated by plot.py at 2019-04-23 21:14:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.77 Mbit/s

95th percentile per-packet one-way delay: 54.162 ms

Loss rate: 0.97%

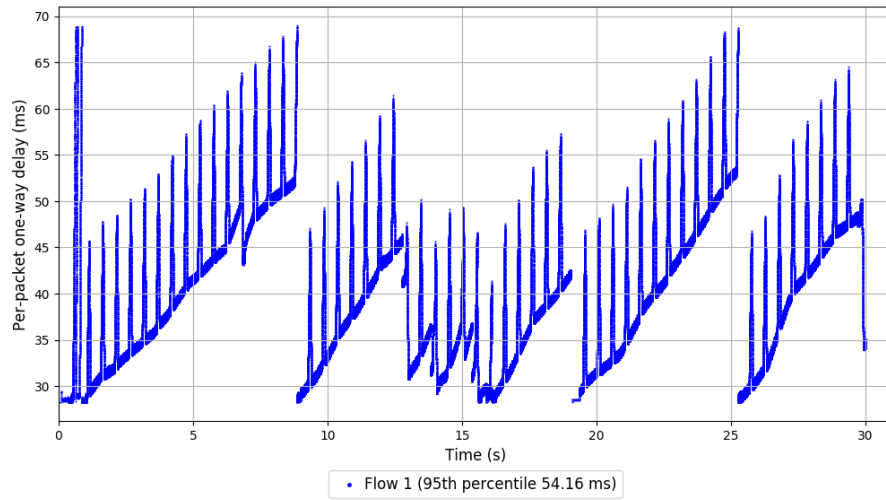
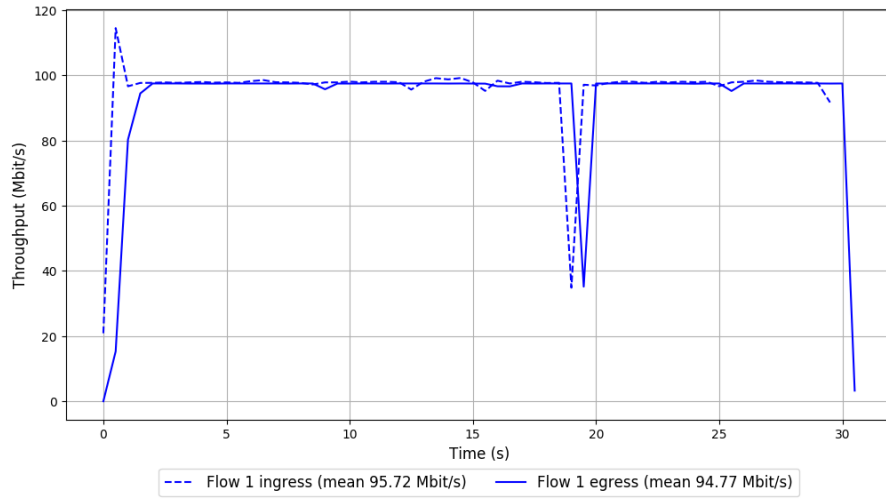
-- Flow 1:

Average throughput: 94.77 Mbit/s

95th percentile per-packet one-way delay: 54.162 ms

Loss rate: 0.97%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-04-23 20:24:47

End at: 2019-04-23 20:25:17

Local clock offset: 3.461 ms

Remote clock offset: 2.627 ms

Below is generated by plot.py at 2019-04-23 21:14:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.75 Mbit/s

95th percentile per-packet one-way delay: 57.057 ms

Loss rate: 0.99%

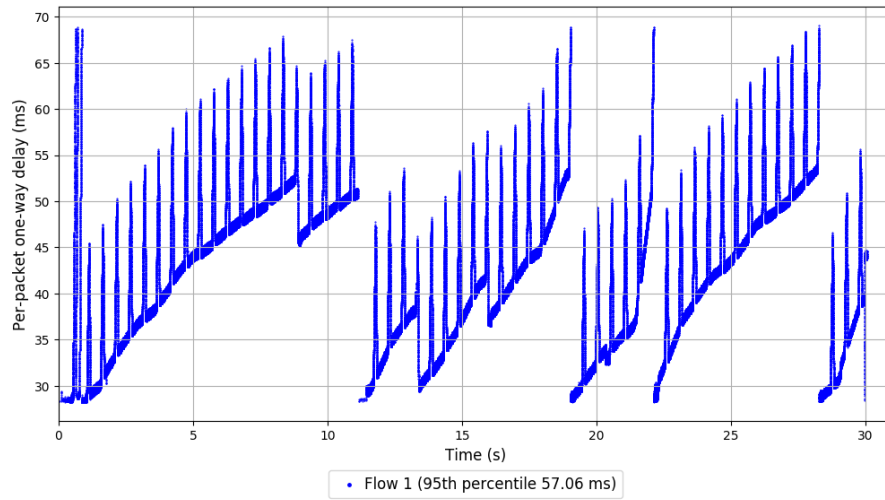
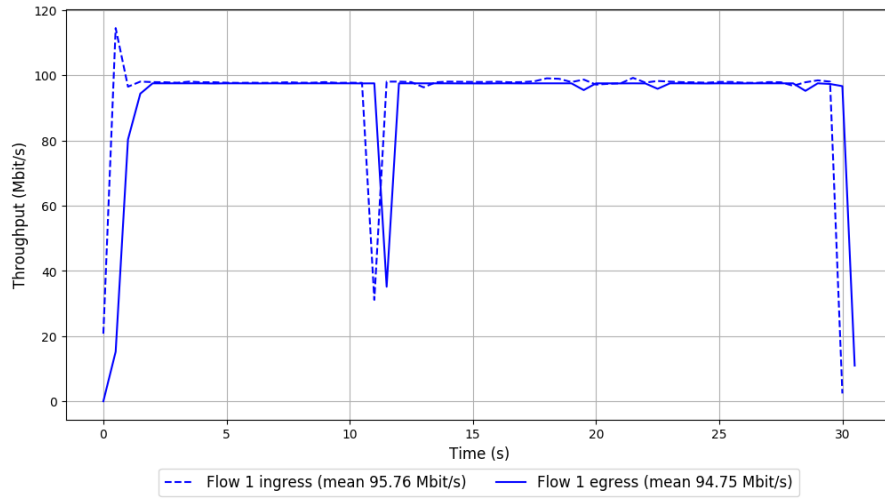
-- Flow 1:

Average throughput: 94.75 Mbit/s

95th percentile per-packet one-way delay: 57.057 ms

Loss rate: 0.99%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-04-23 20:50:46

End at: 2019-04-23 20:51:16

Local clock offset: 2.991 ms

Remote clock offset: 2.53 ms

Below is generated by plot.py at 2019-04-23 21:14:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.67 Mbit/s

95th percentile per-packet one-way delay: 57.460 ms

Loss rate: 1.15%

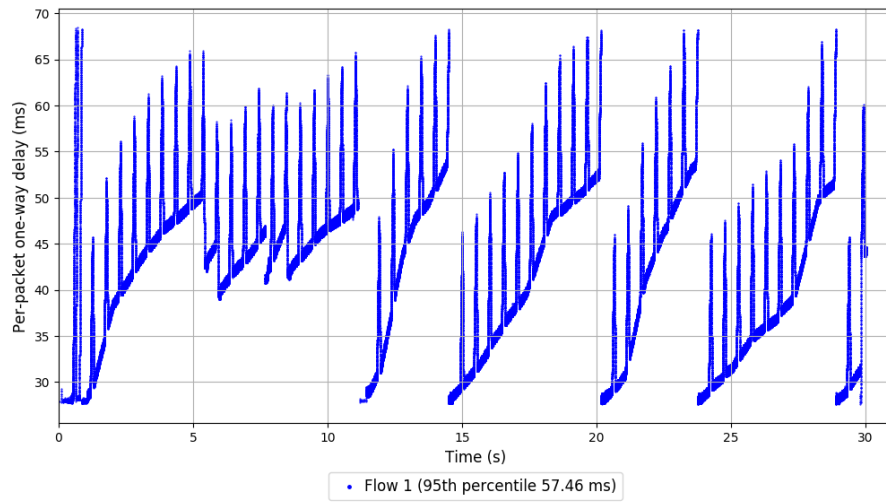
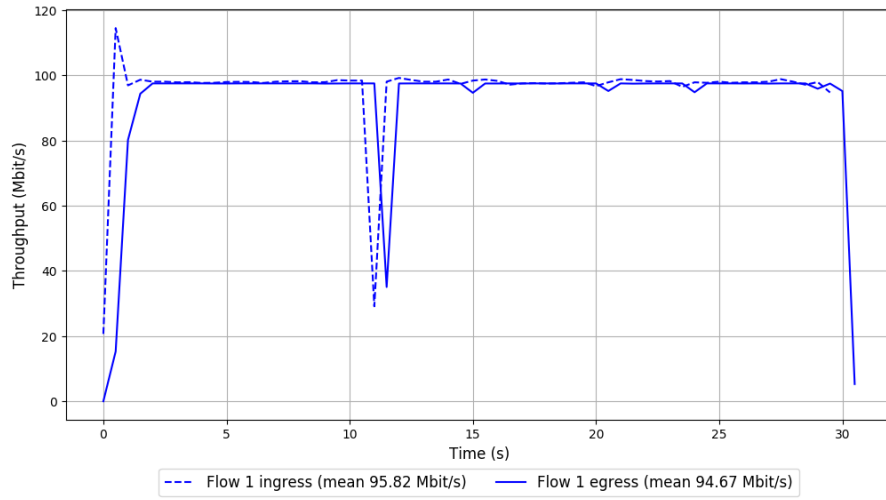
-- Flow 1:

Average throughput: 94.67 Mbit/s

95th percentile per-packet one-way delay: 57.460 ms

Loss rate: 1.15%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

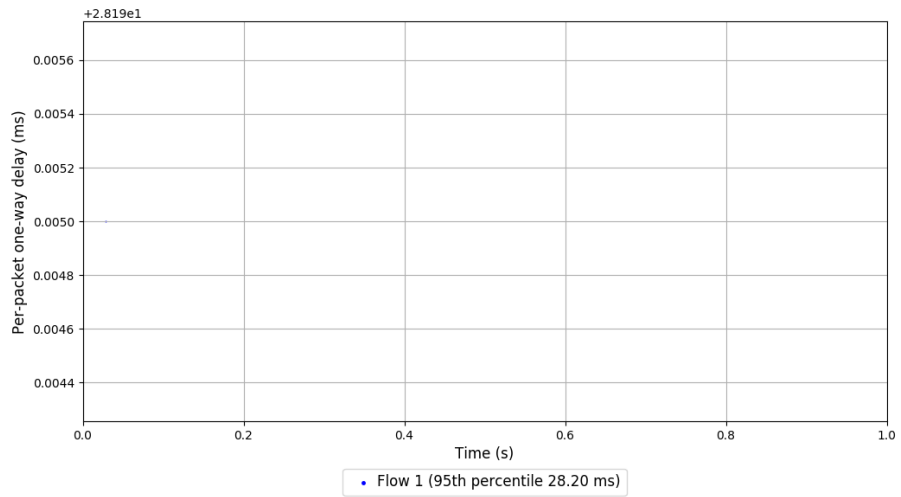
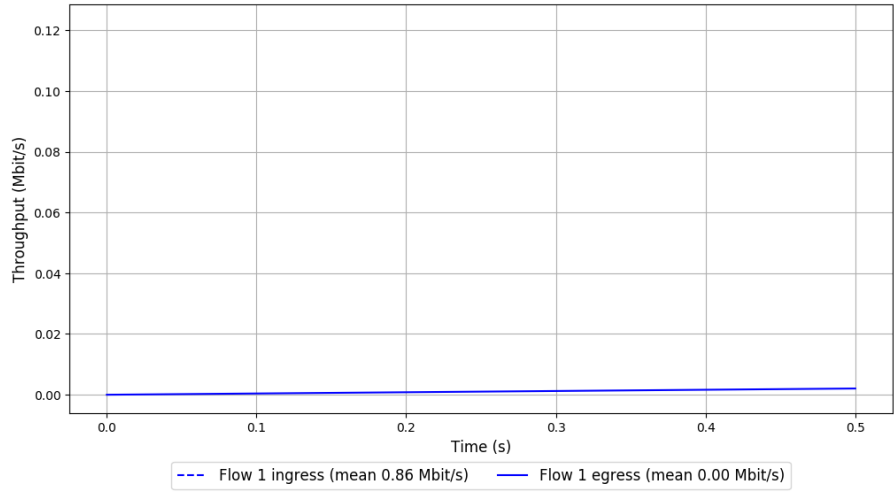
Start at: 2019-04-23 19:26:56

End at: 2019-04-23 19:27:26

Local clock offset: 3.366 ms

Remote clock offset: 1.635 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

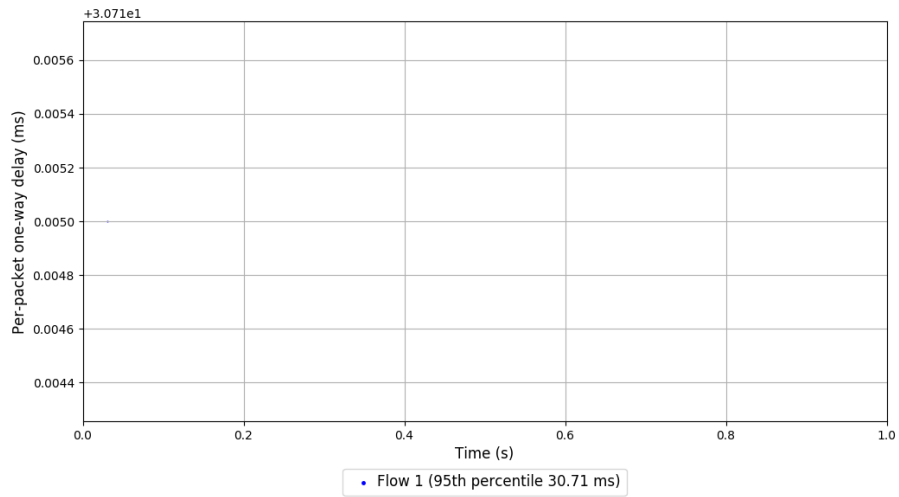
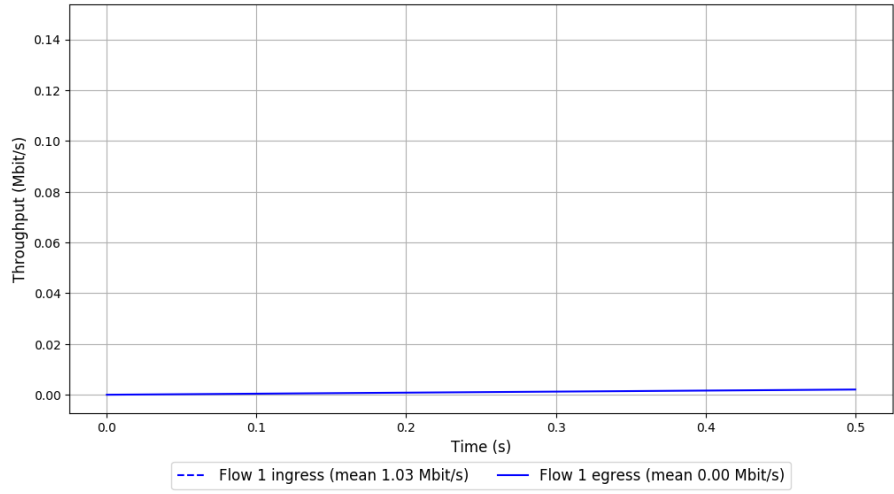
Start at: 2019-04-23 19:51:59

End at: 2019-04-23 19:52:29

Local clock offset: 2.351 ms

Remote clock offset: 4.693 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

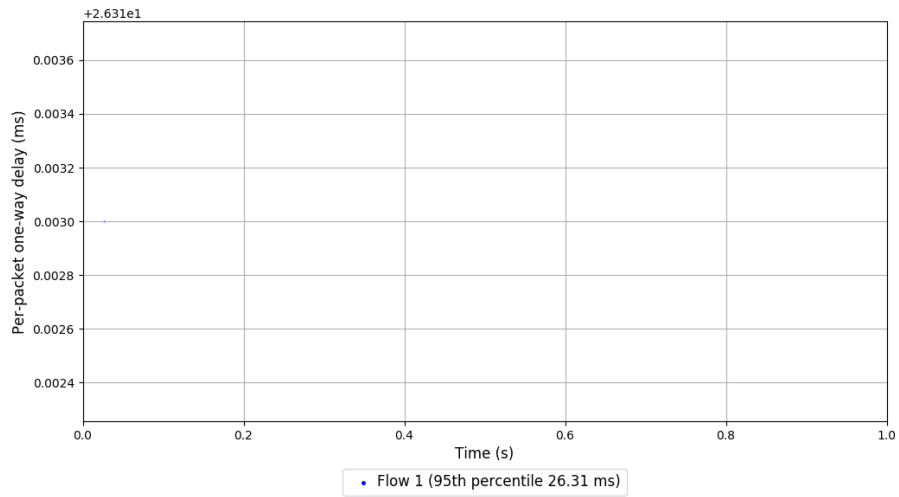
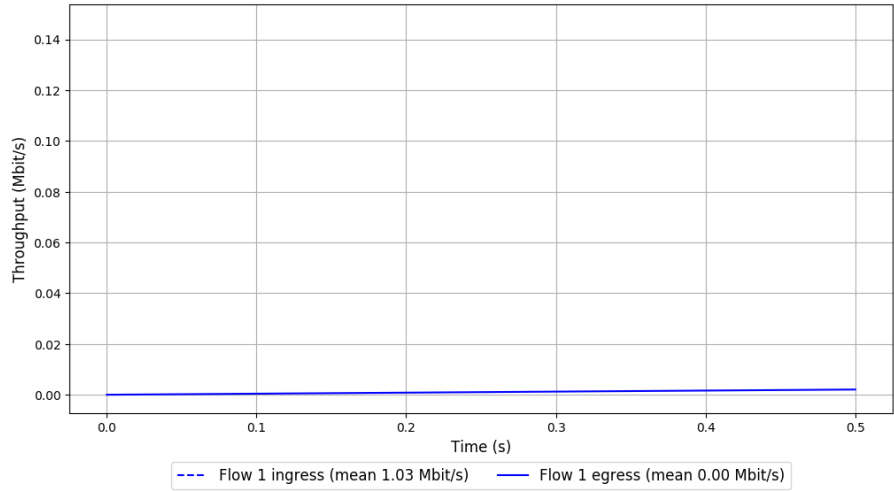
Start at: 2019-04-23 20:17:24

End at: 2019-04-23 20:17:54

Local clock offset: 2.498 ms

Remote clock offset: 0.452 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

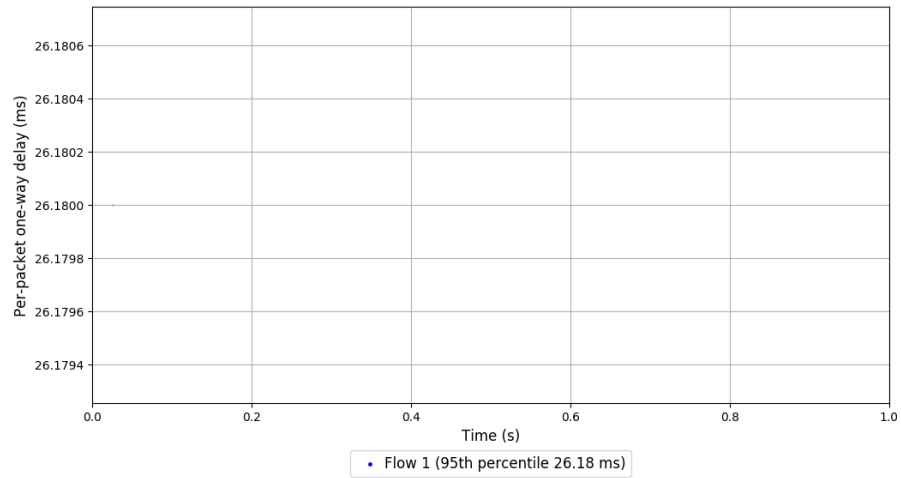
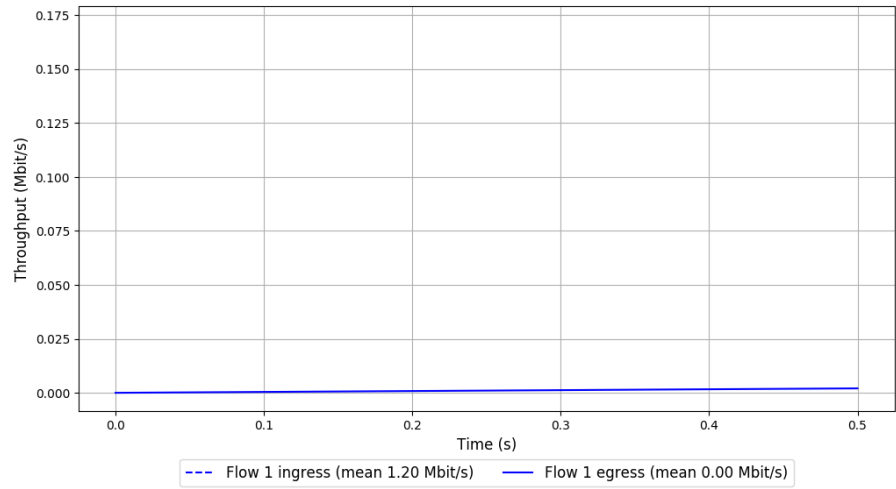
Start at: 2019-04-23 20:43:30

End at: 2019-04-23 20:44:00

Local clock offset: 5.321 ms

Remote clock offset: 0.902 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

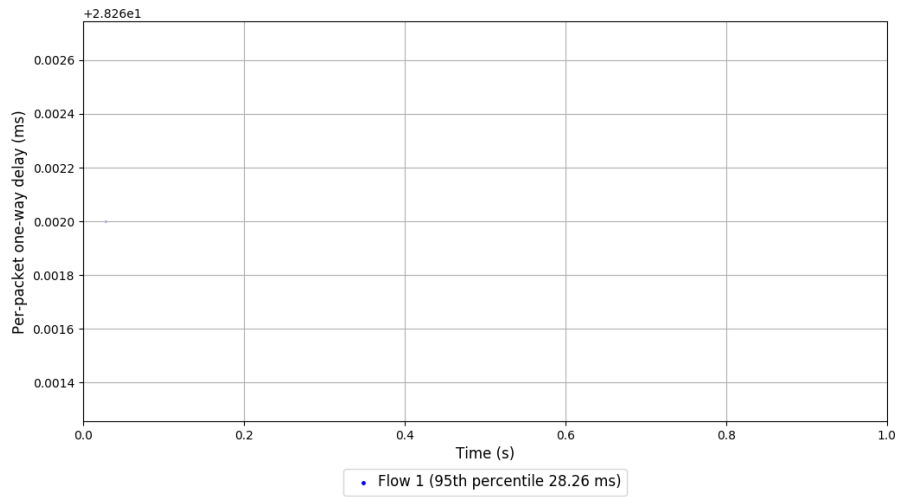
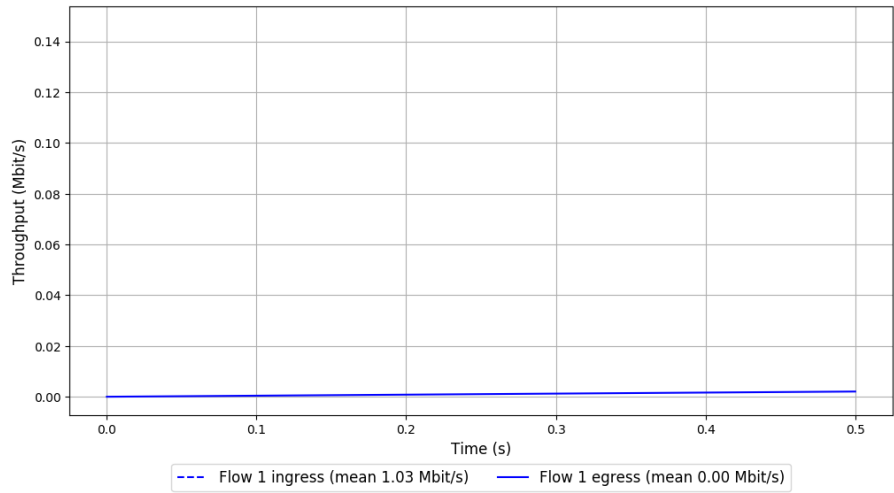
Start at: 2019-04-23 21:09:21

End at: 2019-04-23 21:09:51

Local clock offset: 0.925 ms

Remote clock offset: 2.864 ms

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-04-23 19:20:48

End at: 2019-04-23 19:21:18

Local clock offset: 4.602 ms

Remote clock offset: 4.219 ms

Below is generated by plot.py at 2019-04-23 21:14:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.42 Mbit/s

95th percentile per-packet one-way delay: 61.296 ms

Loss rate: 0.56%

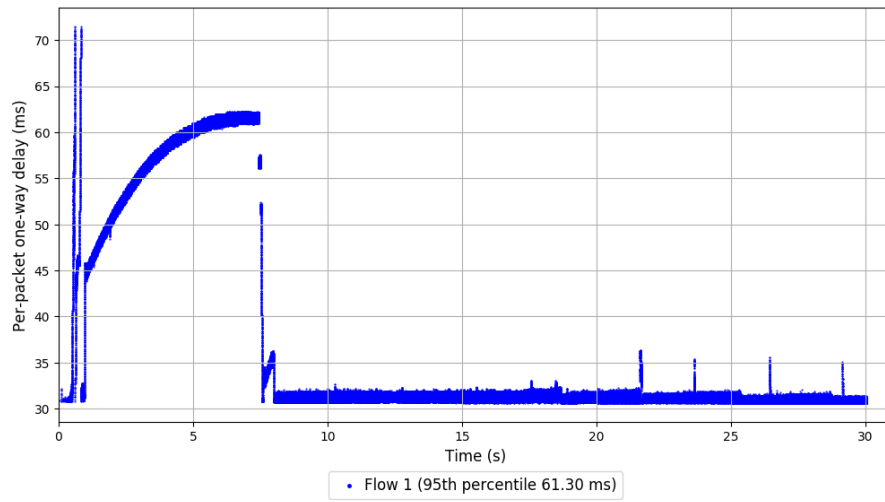
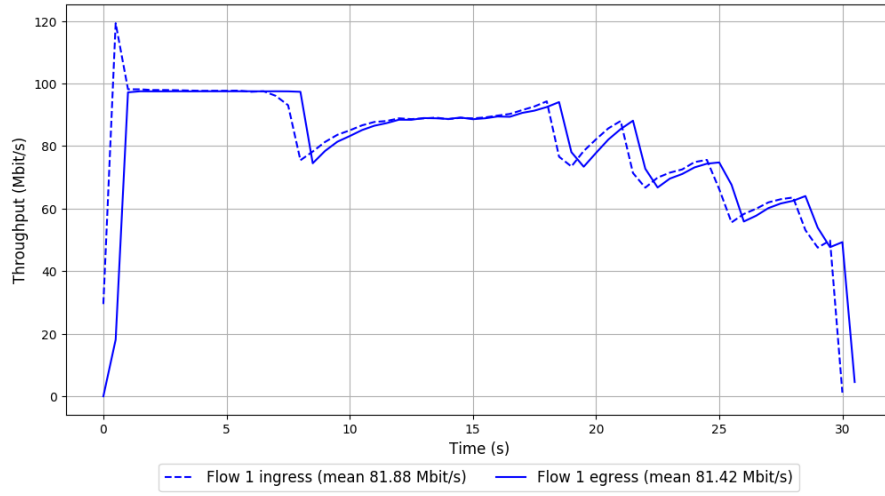
-- Flow 1:

Average throughput: 81.42 Mbit/s

95th percentile per-packet one-way delay: 61.296 ms

Loss rate: 0.56%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-04-23 19:45:43

End at: 2019-04-23 19:46:13

Local clock offset: 3.697 ms

Remote clock offset: 2.638 ms

Below is generated by plot.py at 2019-04-23 21:14:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.14 Mbit/s

95th percentile per-packet one-way delay: 63.383 ms

Loss rate: 0.36%

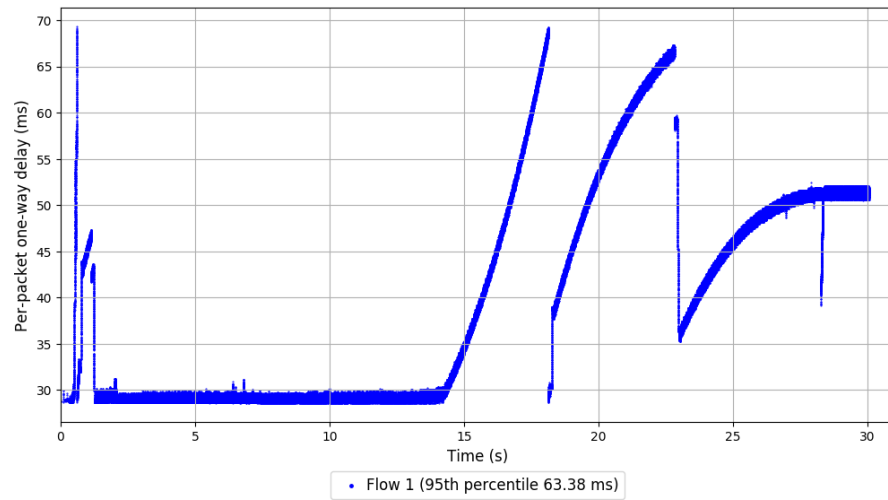
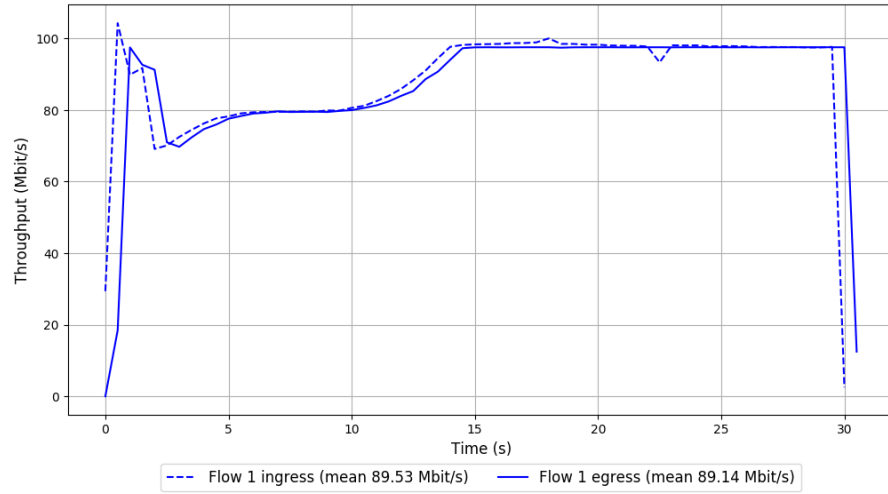
-- Flow 1:

Average throughput: 89.14 Mbit/s

95th percentile per-packet one-way delay: 63.383 ms

Loss rate: 0.36%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-04-23 20:11:02

End at: 2019-04-23 20:11:32

Local clock offset: 2.02 ms

Remote clock offset: 2.117 ms

Below is generated by plot.py at 2019-04-23 21:15:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.84 Mbit/s

95th percentile per-packet one-way delay: 55.723 ms

Loss rate: 0.59%

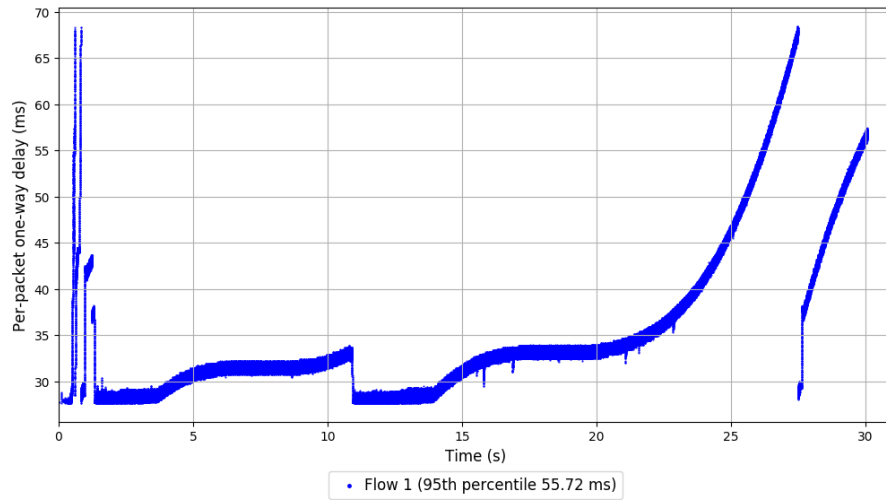
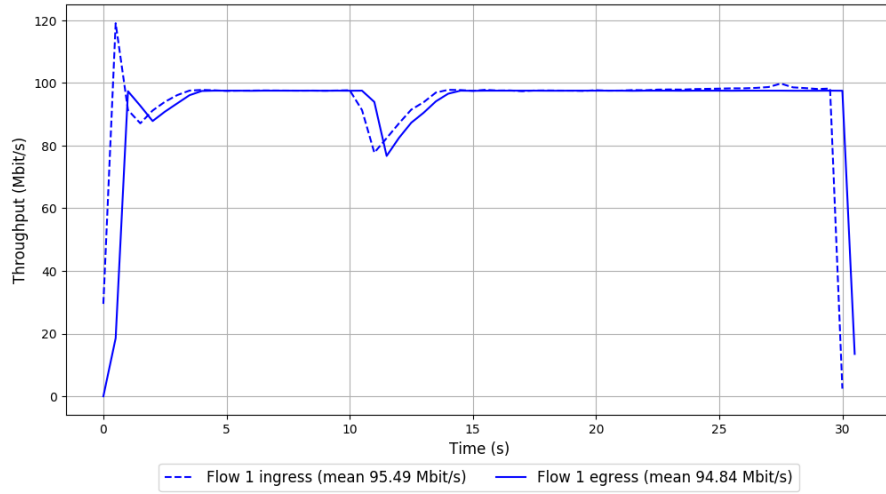
-- Flow 1:

Average throughput: 94.84 Mbit/s

95th percentile per-packet one-way delay: 55.723 ms

Loss rate: 0.59%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-04-23 20:37:01

End at: 2019-04-23 20:37:31

Local clock offset: 4.681 ms

Remote clock offset: 2.457 ms

Below is generated by plot.py at 2019-04-23 21:16:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 66.120 ms

Loss rate: 0.61%

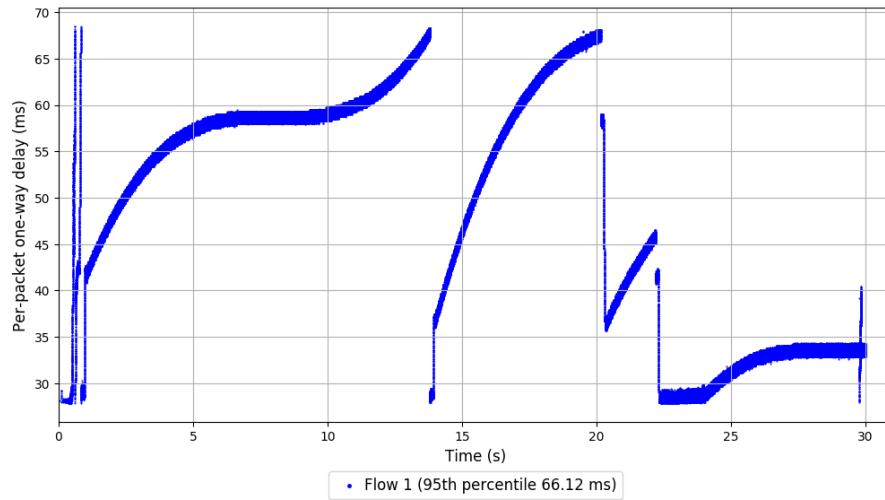
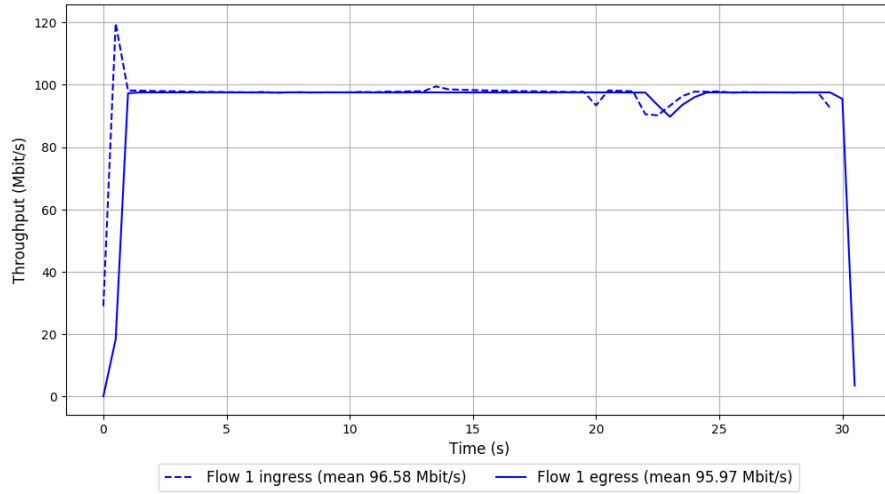
-- Flow 1:

Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 66.120 ms

Loss rate: 0.61%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-04-23 21:03:02

End at: 2019-04-23 21:03:32

Local clock offset: 1.134 ms

Remote clock offset: 0.788 ms

Below is generated by plot.py at 2019-04-23 21:16:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.30 Mbit/s

95th percentile per-packet one-way delay: 54.408 ms

Loss rate: 0.56%

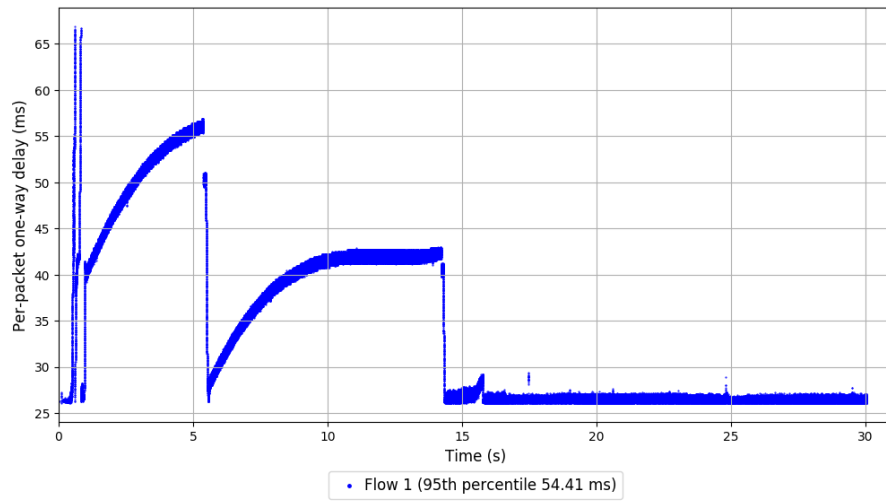
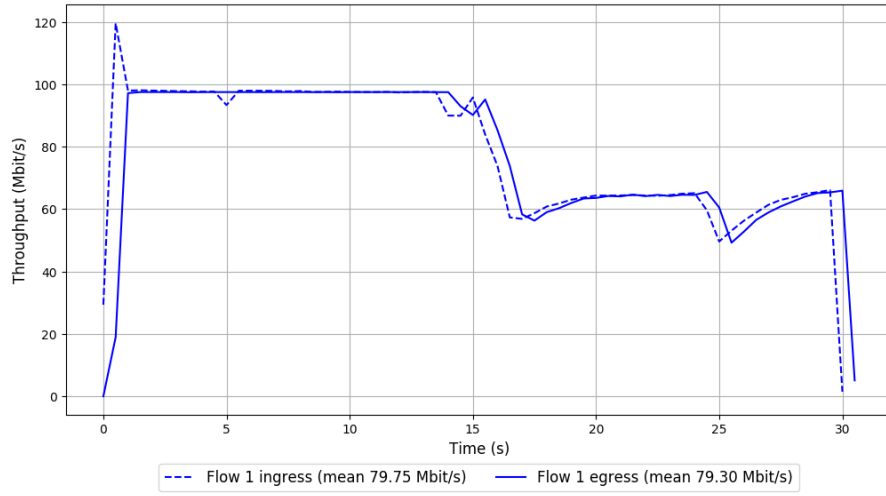
-- Flow 1:

Average throughput: 79.30 Mbit/s

95th percentile per-packet one-way delay: 54.408 ms

Loss rate: 0.56%

Run 5: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2019-04-23 19:22:01

End at: 2019-04-23 19:22:31

Local clock offset: 4.25 ms

Remote clock offset: 1.874 ms

Below is generated by plot.py at 2019-04-23 21:16:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.68 Mbit/s

95th percentile per-packet one-way delay: 37.489 ms

Loss rate: 0.69%

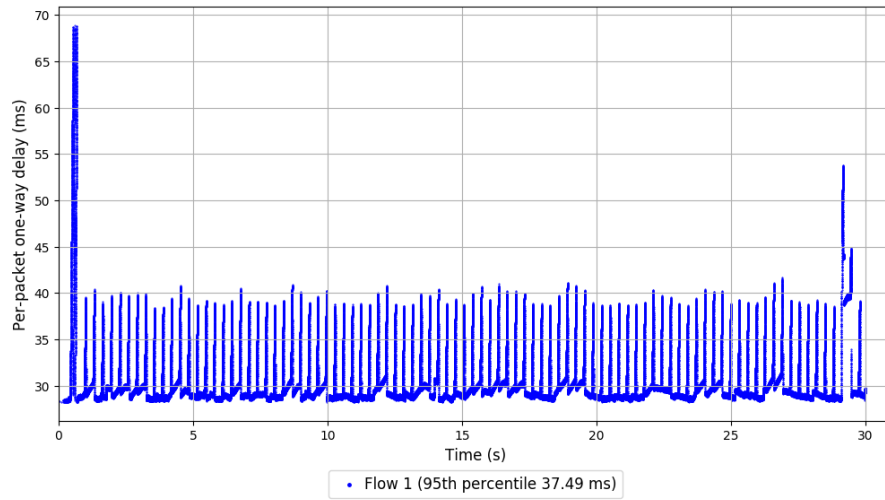
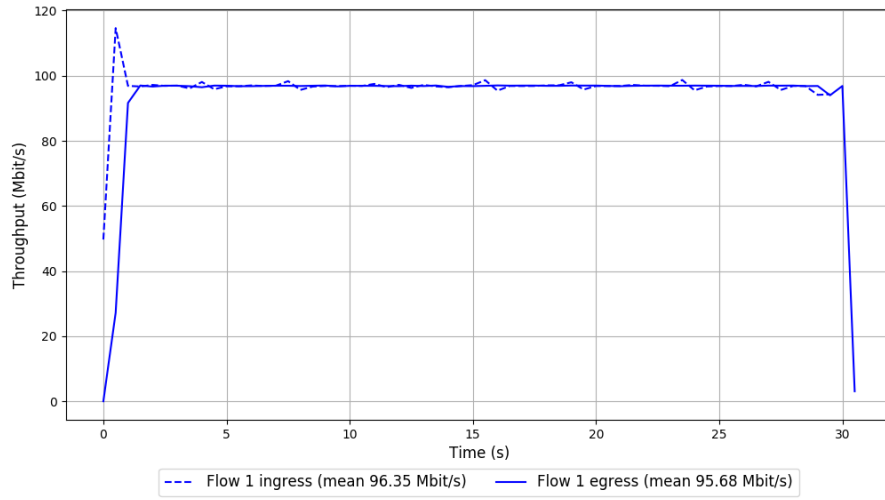
-- Flow 1:

Average throughput: 95.68 Mbit/s

95th percentile per-packet one-way delay: 37.489 ms

Loss rate: 0.69%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-04-23 19:47:02

End at: 2019-04-23 19:47:32

Local clock offset: 3.378 ms

Remote clock offset: 2.381 ms

Below is generated by plot.py at 2019-04-23 21:16:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 36.711 ms

Loss rate: 0.65%

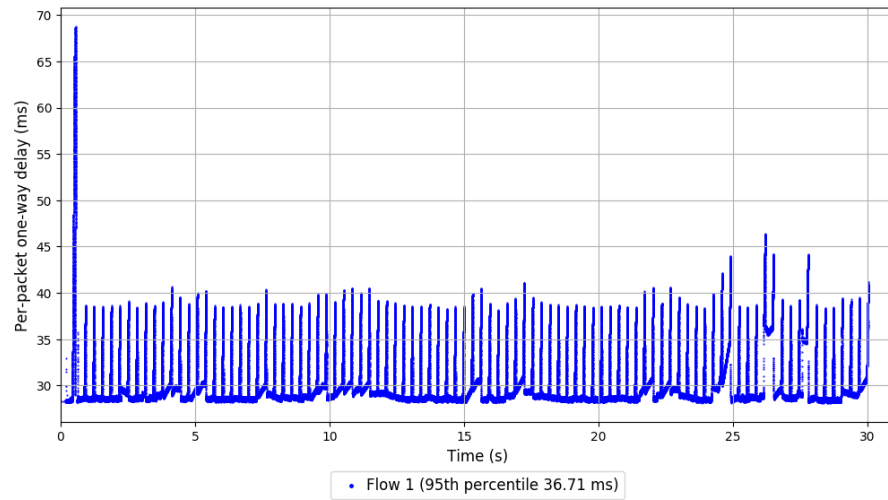
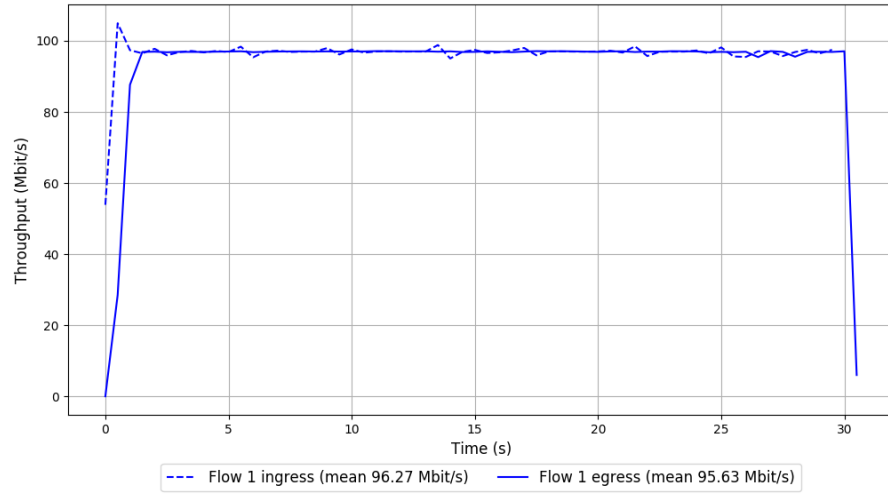
-- Flow 1:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 36.711 ms

Loss rate: 0.65%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-04-23 20:12:18

End at: 2019-04-23 20:12:48

Local clock offset: 2.046 ms

Remote clock offset: 2.902 ms

Below is generated by plot.py at 2019-04-23 21:16:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 36.920 ms

Loss rate: 0.61%

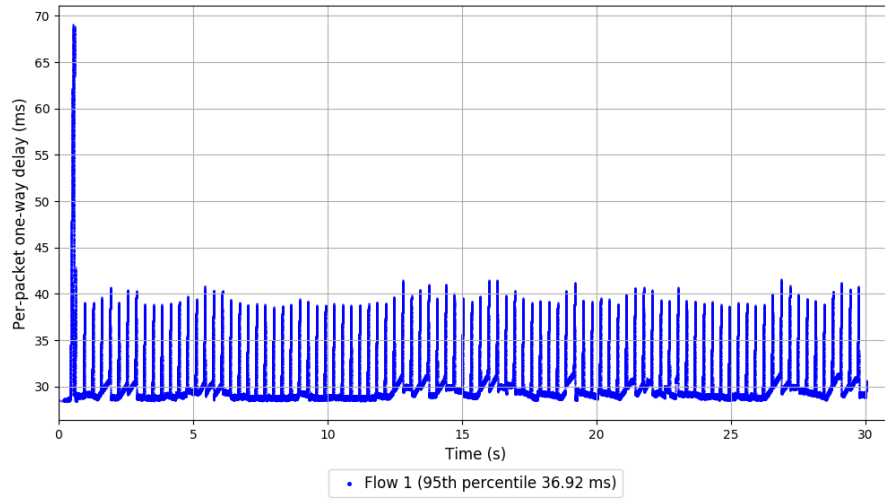
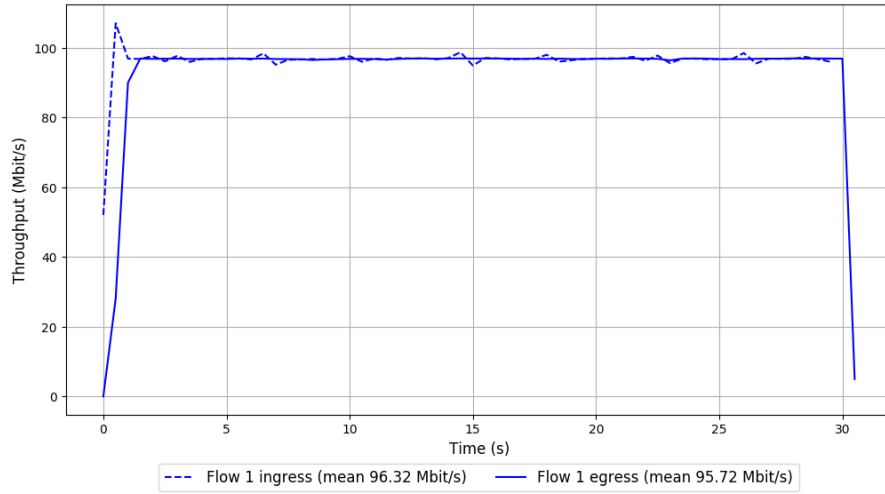
-- Flow 1:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 36.920 ms

Loss rate: 0.61%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-04-23 20:38:26

End at: 2019-04-23 20:38:56

Local clock offset: 4.805 ms

Remote clock offset: 2.548 ms

Below is generated by plot.py at 2019-04-23 21:16:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 36.096 ms

Loss rate: 0.67%

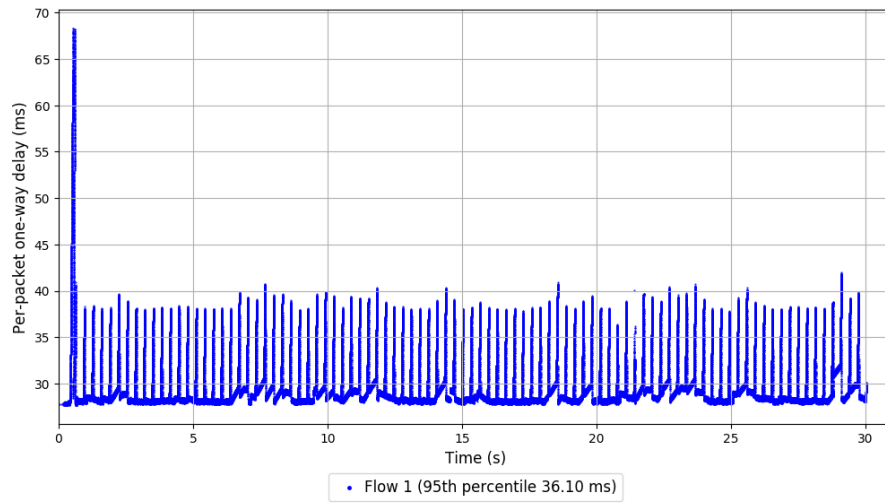
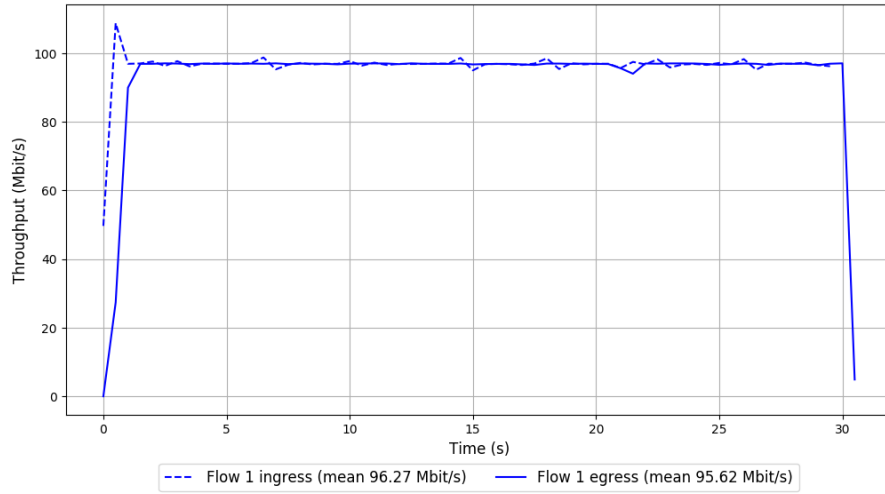
-- Flow 1:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 36.096 ms

Loss rate: 0.67%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-04-23 21:04:20

End at: 2019-04-23 21:04:50

Local clock offset: 1.078 ms

Remote clock offset: 0.255 ms

Below is generated by plot.py at 2019-04-23 21:16:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 34.642 ms

Loss rate: 0.64%

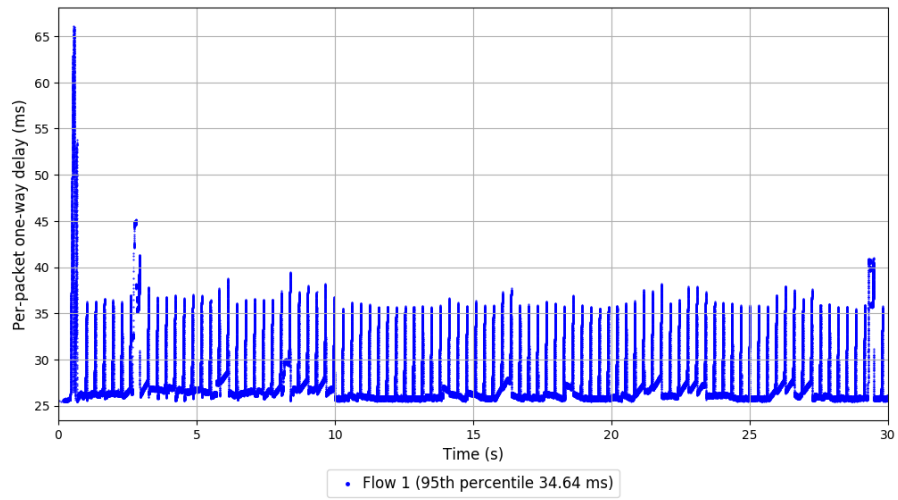
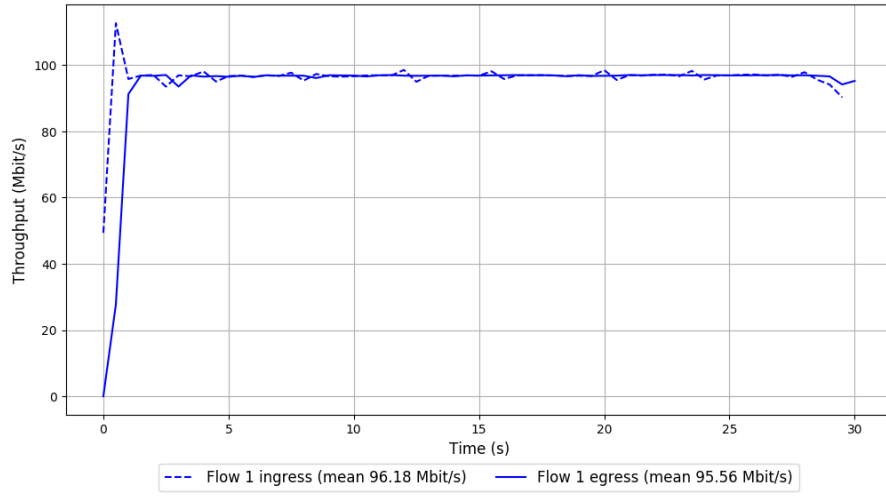
-- Flow 1:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 34.642 ms

Loss rate: 0.64%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-04-23 19:11:25

End at: 2019-04-23 19:11:55

Local clock offset: 6.913 ms

Remote clock offset: 1.313 ms

Below is generated by plot.py at 2019-04-23 21:16:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.63 Mbit/s

95th percentile per-packet one-way delay: 34.360 ms

Loss rate: 0.58%

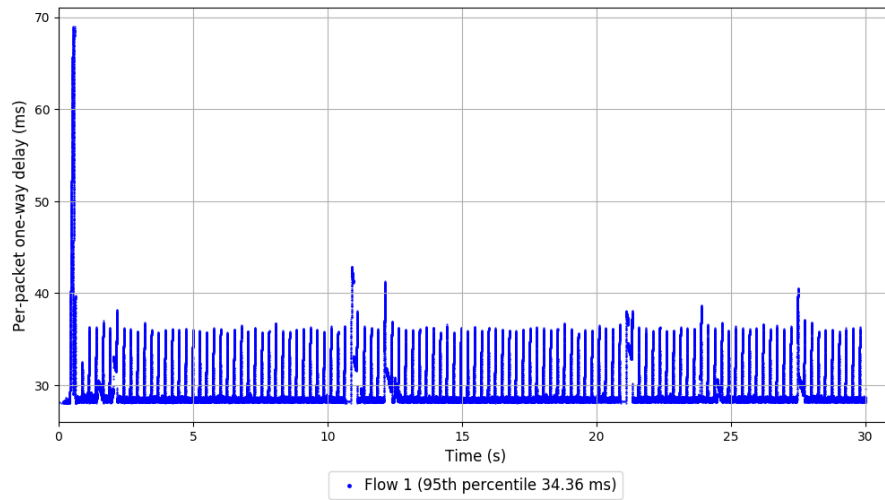
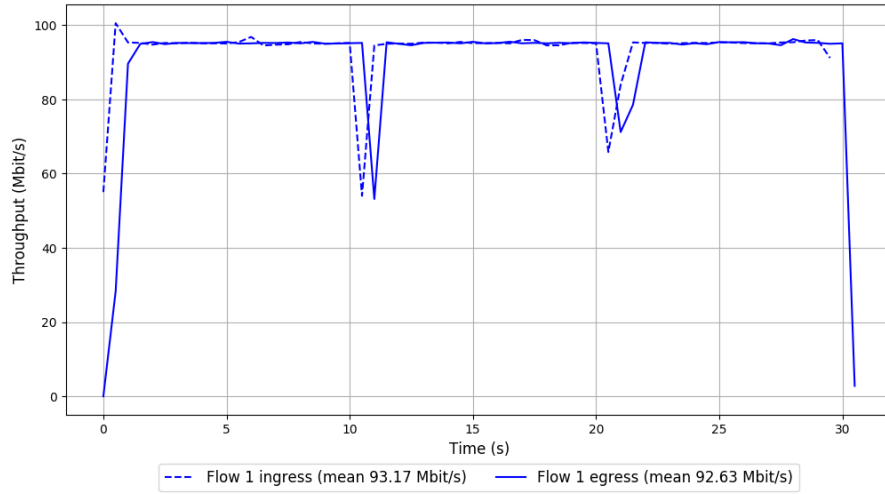
-- Flow 1:

Average throughput: 92.63 Mbit/s

95th percentile per-packet one-way delay: 34.360 ms

Loss rate: 0.58%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-04-23 19:36:23

End at: 2019-04-23 19:36:53

Local clock offset: 3.286 ms

Remote clock offset: 4.318 ms

Below is generated by plot.py at 2019-04-23 21:17:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.95 Mbit/s

95th percentile per-packet one-way delay: 36.622 ms

Loss rate: 0.58%

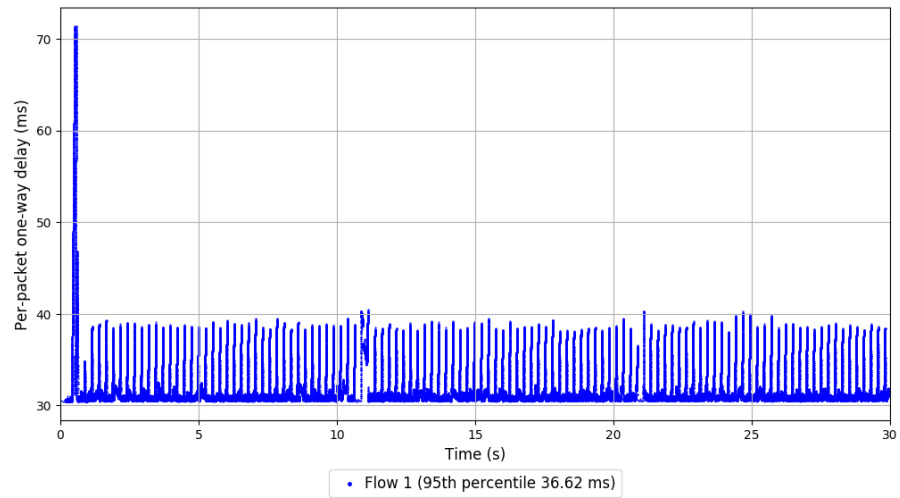
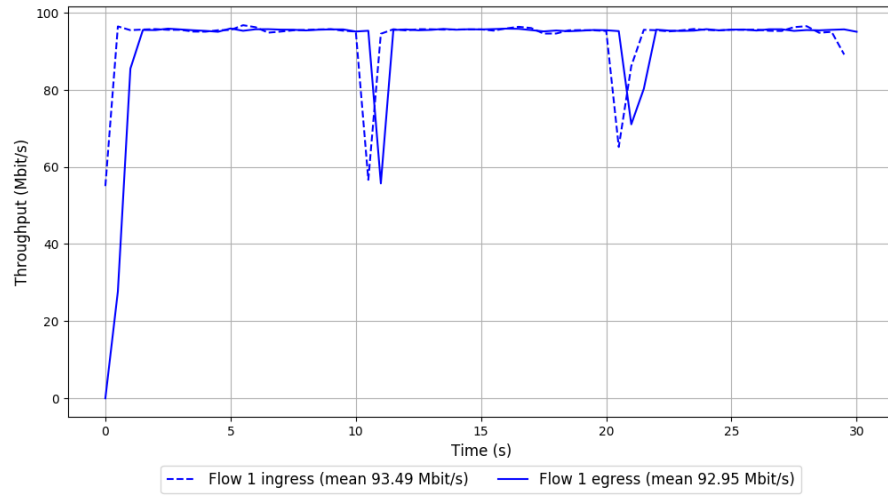
-- Flow 1:

Average throughput: 92.95 Mbit/s

95th percentile per-packet one-way delay: 36.622 ms

Loss rate: 0.58%

Run 2: Report of FillP-Sheep — Data Link

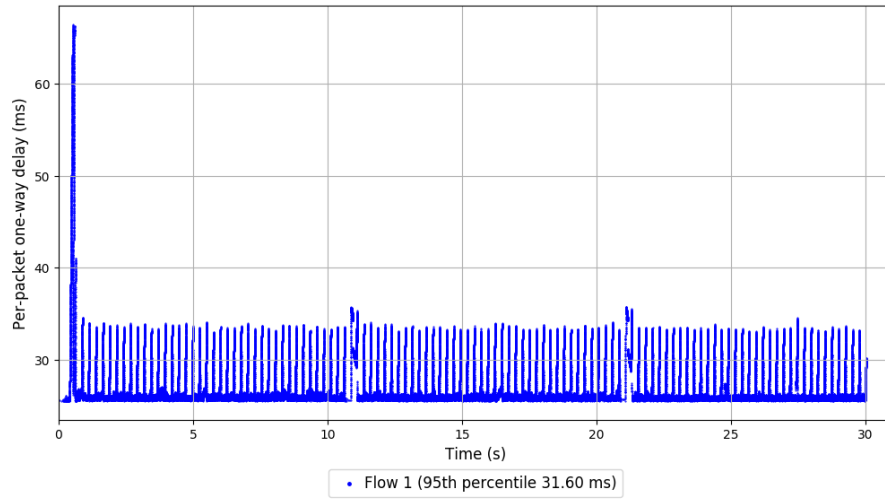
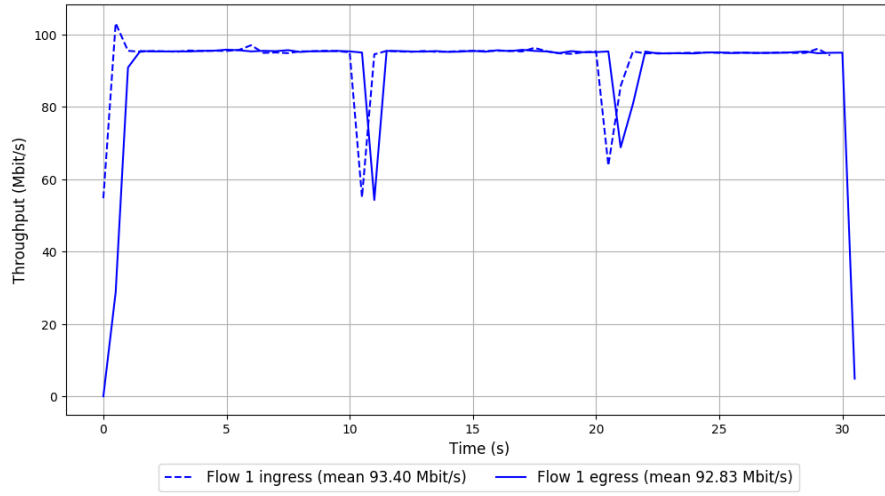


Run 3: Statistics of FillP-Sheep

Start at: 2019-04-23 20:01:39
End at: 2019-04-23 20:02:09
Local clock offset: 1.828 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2019-04-23 21:17:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 31.604 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 31.604 ms
Loss rate: 0.60%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-04-23 20:27:31

End at: 2019-04-23 20:28:01

Local clock offset: 3.741 ms

Remote clock offset: 2.714 ms

Below is generated by plot.py at 2019-04-23 21:17:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.46 Mbit/s

95th percentile per-packet one-way delay: 34.415 ms

Loss rate: 0.59%

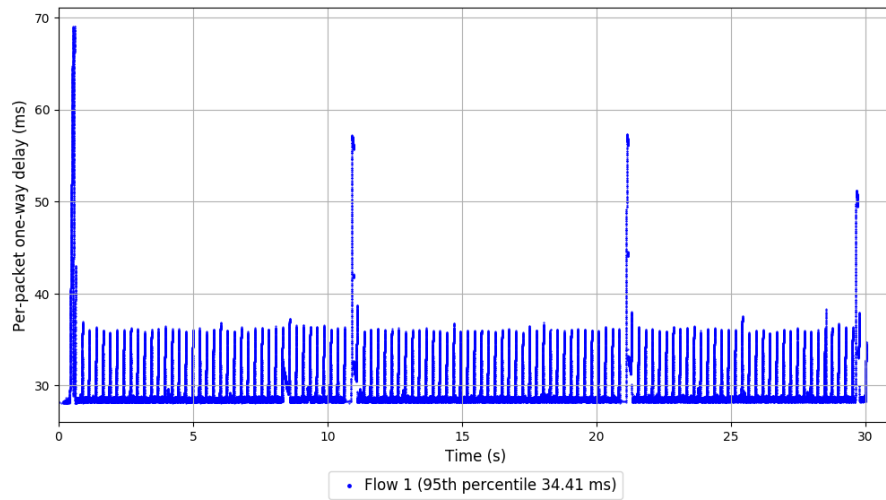
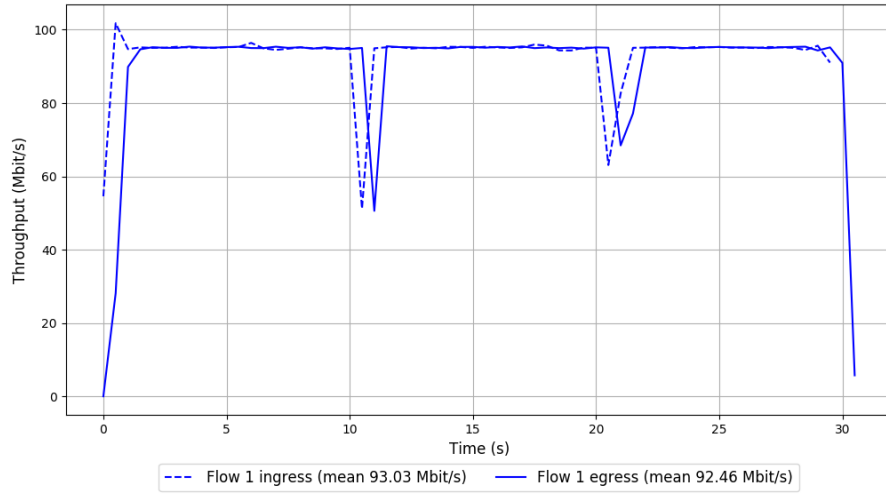
-- Flow 1:

Average throughput: 92.46 Mbit/s

95th percentile per-packet one-way delay: 34.415 ms

Loss rate: 0.59%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-04-23 20:53:27

End at: 2019-04-23 20:53:57

Local clock offset: 2.32 ms

Remote clock offset: 2.505 ms

Below is generated by plot.py at 2019-04-23 21:17:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.94 Mbit/s

95th percentile per-packet one-way delay: 33.829 ms

Loss rate: 0.69%

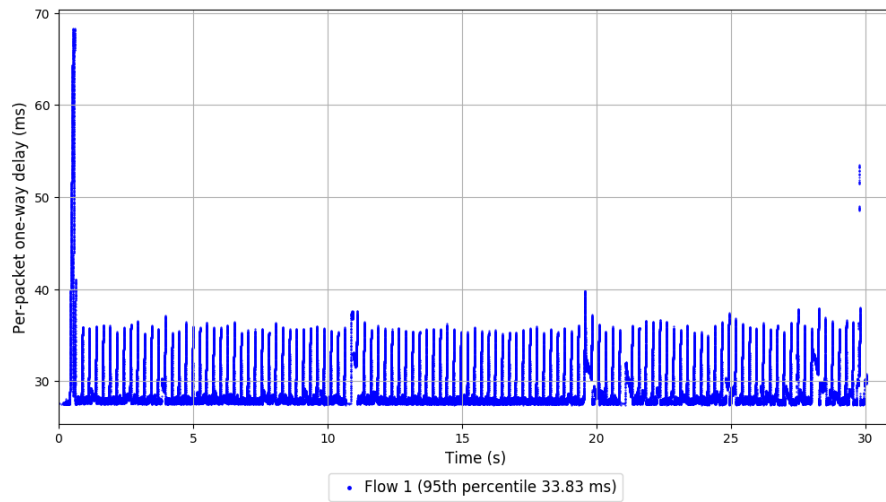
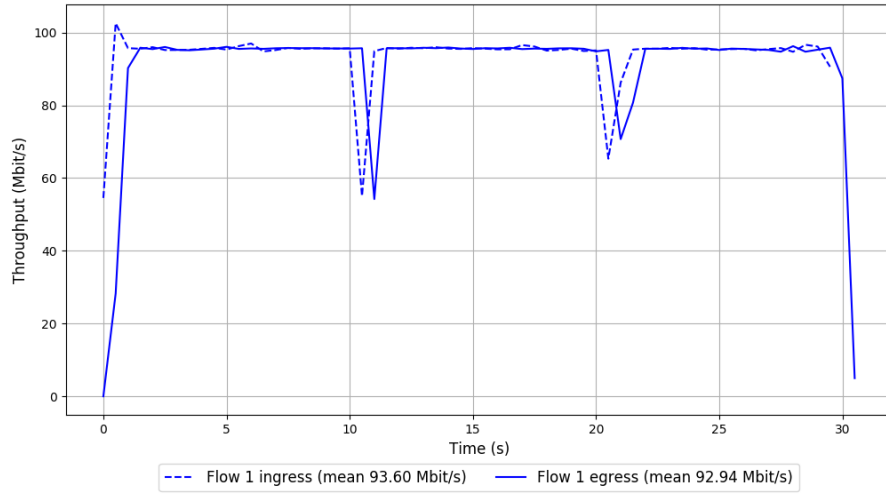
-- Flow 1:

Average throughput: 92.94 Mbit/s

95th percentile per-packet one-way delay: 33.829 ms

Loss rate: 0.69%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-04-23 19:10:12

End at: 2019-04-23 19:10:42

Local clock offset: 6.715 ms

Remote clock offset: 1.264 ms

Below is generated by plot.py at 2019-04-23 21:17:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.75 Mbit/s

95th percentile per-packet one-way delay: 31.936 ms

Loss rate: 0.00%

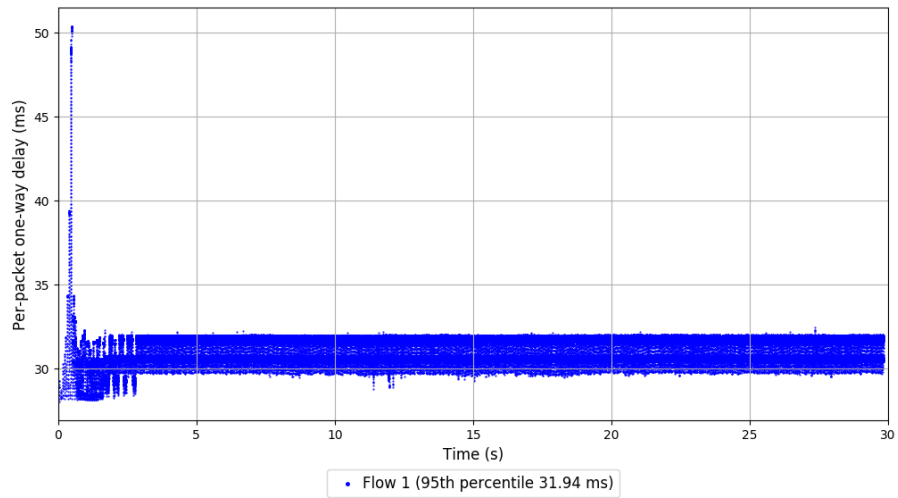
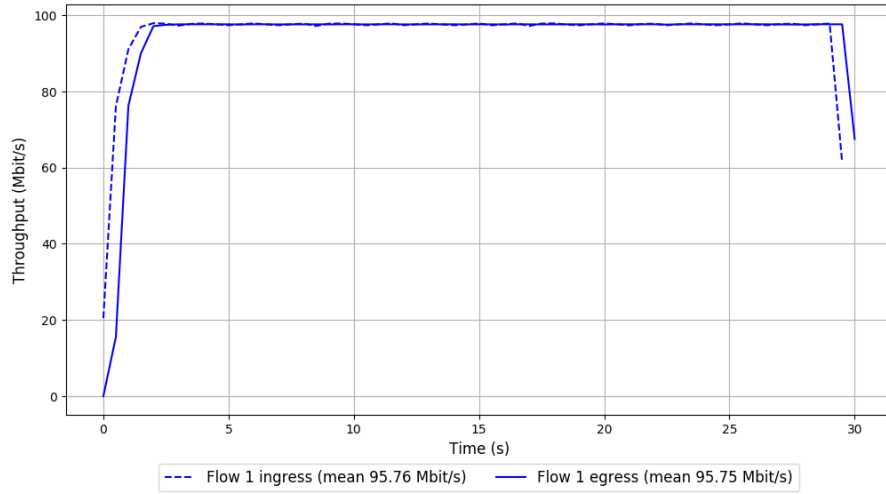
-- Flow 1:

Average throughput: 95.75 Mbit/s

95th percentile per-packet one-way delay: 31.936 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-04-23 19:35:09

End at: 2019-04-23 19:35:39

Local clock offset: 3.226 ms

Remote clock offset: -0.366 ms

Below is generated by plot.py at 2019-04-23 21:17:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.49 Mbit/s

95th percentile per-packet one-way delay: 29.651 ms

Loss rate: 0.03%

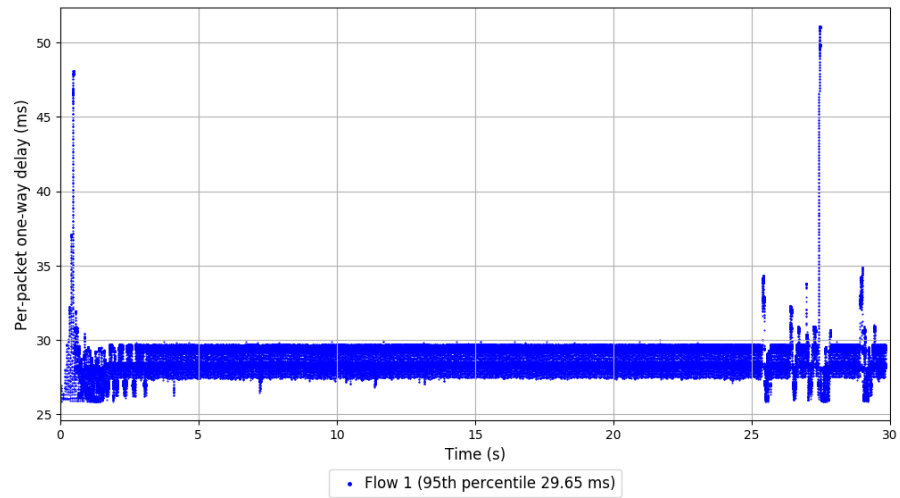
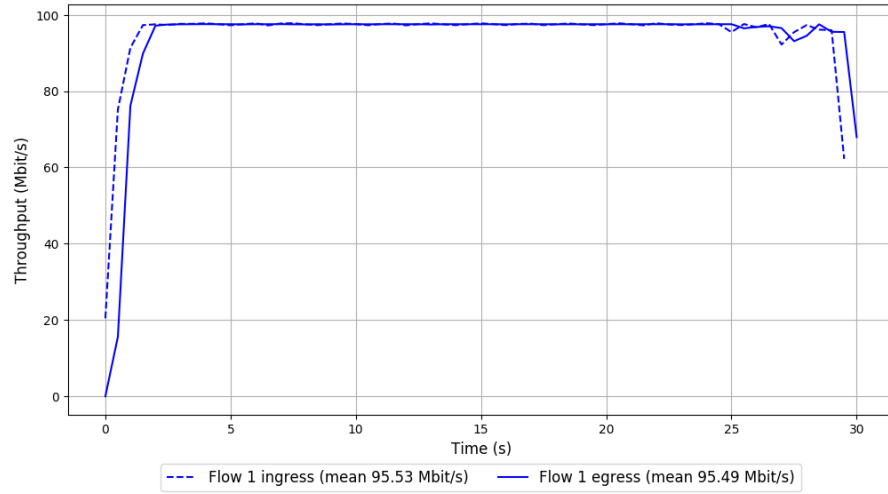
-- Flow 1:

Average throughput: 95.49 Mbit/s

95th percentile per-packet one-way delay: 29.651 ms

Loss rate: 0.03%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-04-23 20:00:18

End at: 2019-04-23 20:00:48

Local clock offset: 1.805 ms

Remote clock offset: 0.245 ms

Below is generated by plot.py at 2019-04-23 21:17:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.57 Mbit/s

95th percentile per-packet one-way delay: 30.719 ms

Loss rate: 0.05%

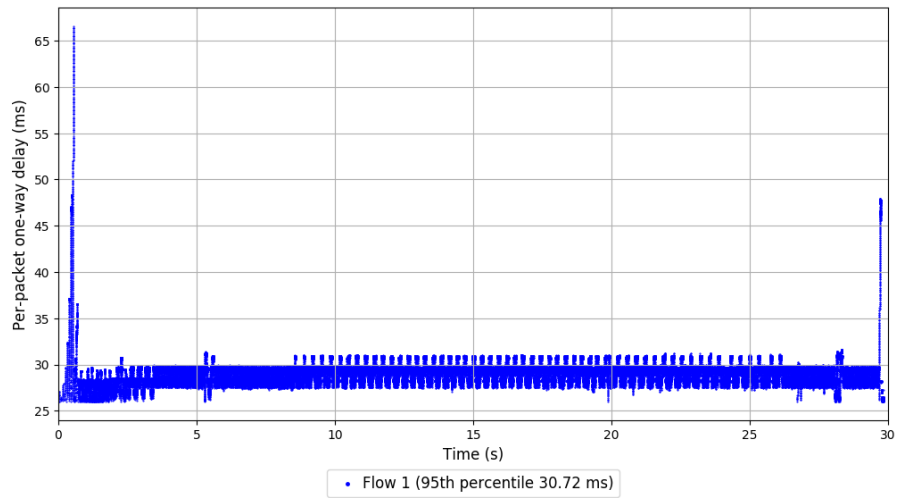
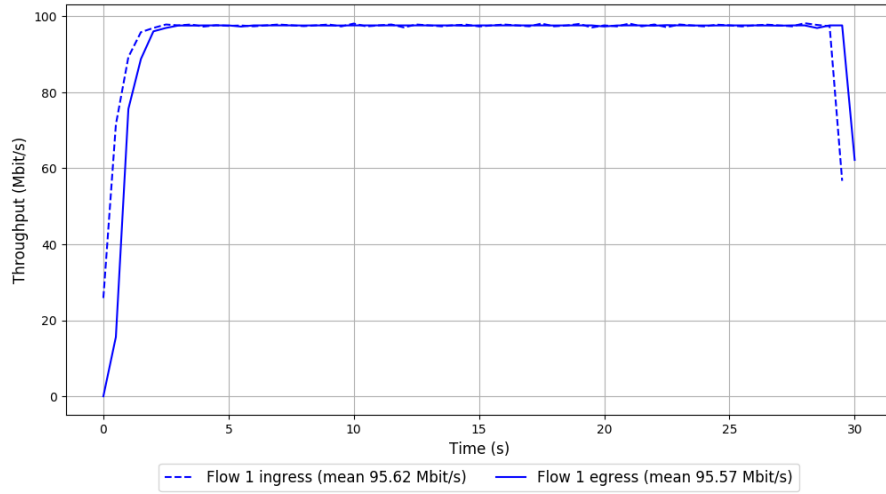
-- Flow 1:

Average throughput: 95.57 Mbit/s

95th percentile per-packet one-way delay: 30.719 ms

Loss rate: 0.05%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-04-23 20:26:12

End at: 2019-04-23 20:26:42

Local clock offset: 3.604 ms

Remote clock offset: 0.223 ms

Below is generated by plot.py at 2019-04-23 21:17:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.81 Mbit/s

95th percentile per-packet one-way delay: 30.507 ms

Loss rate: 0.01%

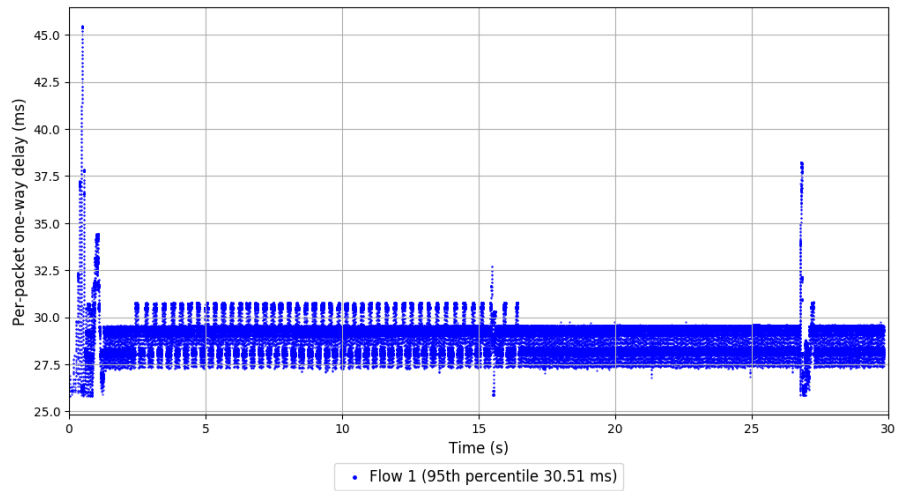
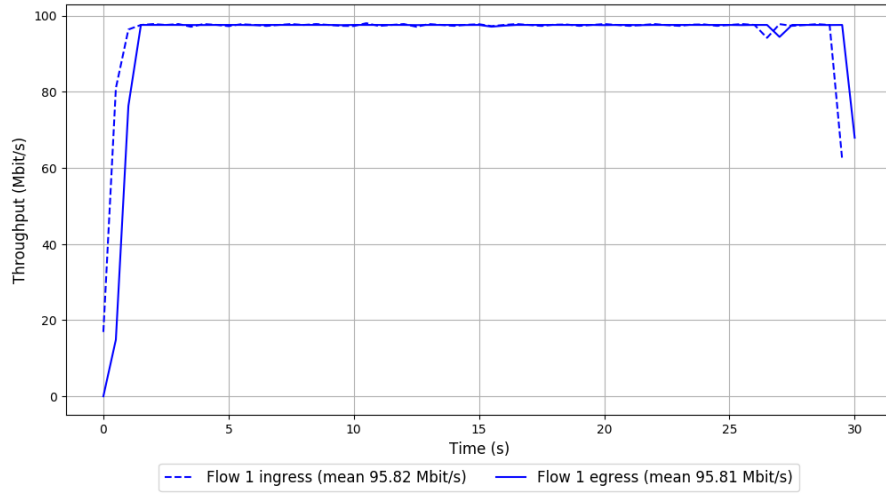
-- Flow 1:

Average throughput: 95.81 Mbit/s

95th percentile per-packet one-way delay: 30.507 ms

Loss rate: 0.01%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-04-23 20:52:04

End at: 2019-04-23 20:52:34

Local clock offset: 2.673 ms

Remote clock offset: 0.824 ms

Below is generated by plot.py at 2019-04-23 21:18:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.54 Mbit/s

95th percentile per-packet one-way delay: 29.564 ms

Loss rate: 0.00%

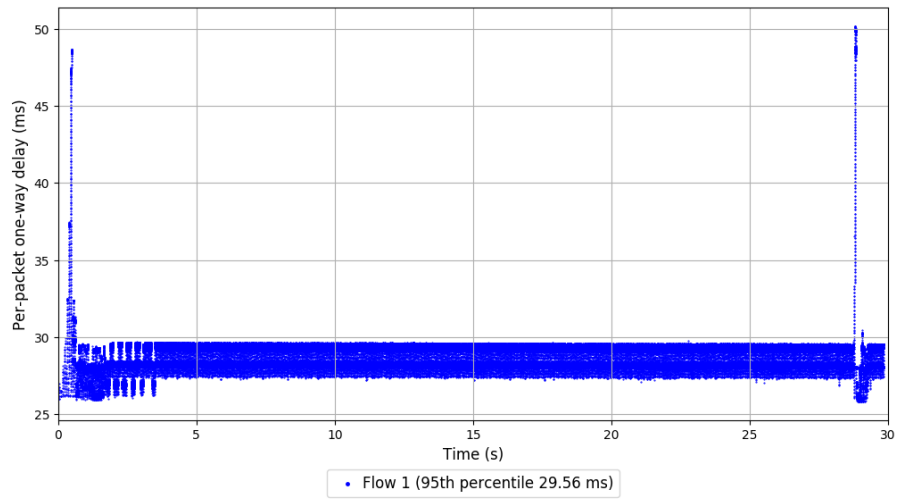
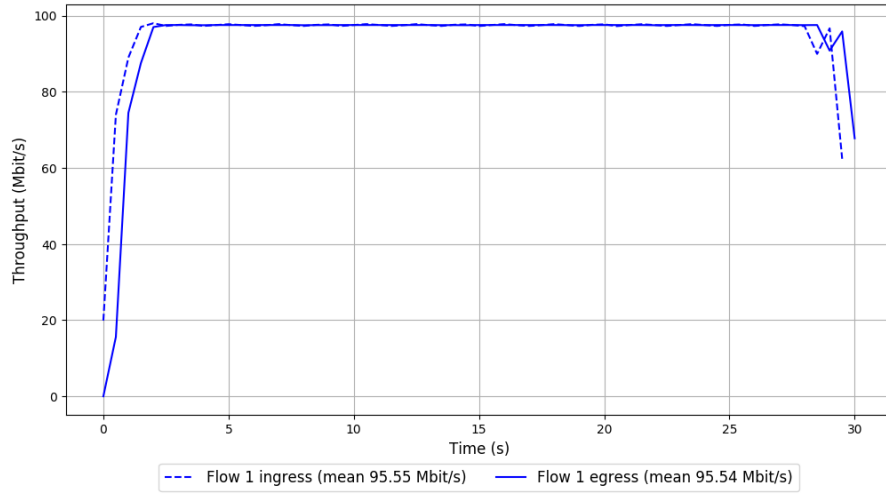
-- Flow 1:

Average throughput: 95.54 Mbit/s

95th percentile per-packet one-way delay: 29.564 ms

Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-04-23 19:12:35

End at: 2019-04-23 19:13:05

Local clock offset: 6.986 ms

Remote clock offset: 1.264 ms

Below is generated by plot.py at 2019-04-23 21:18:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 35.608 ms

Loss rate: 0.07%

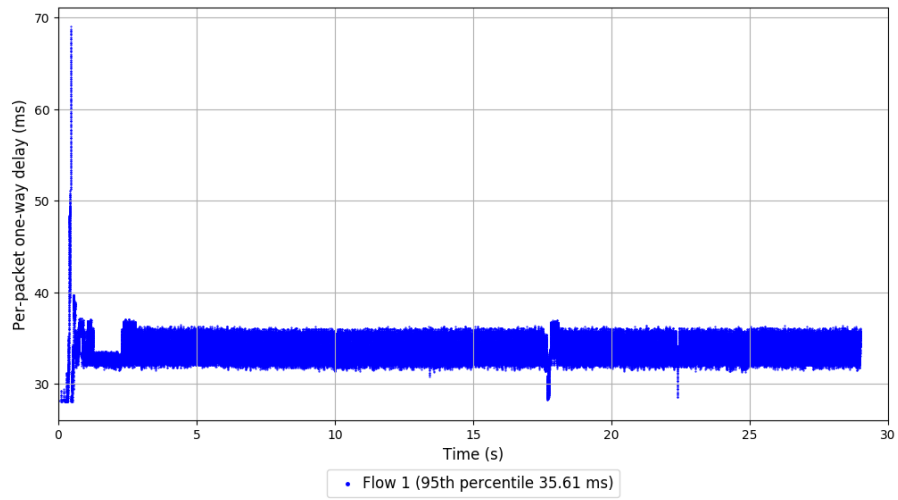
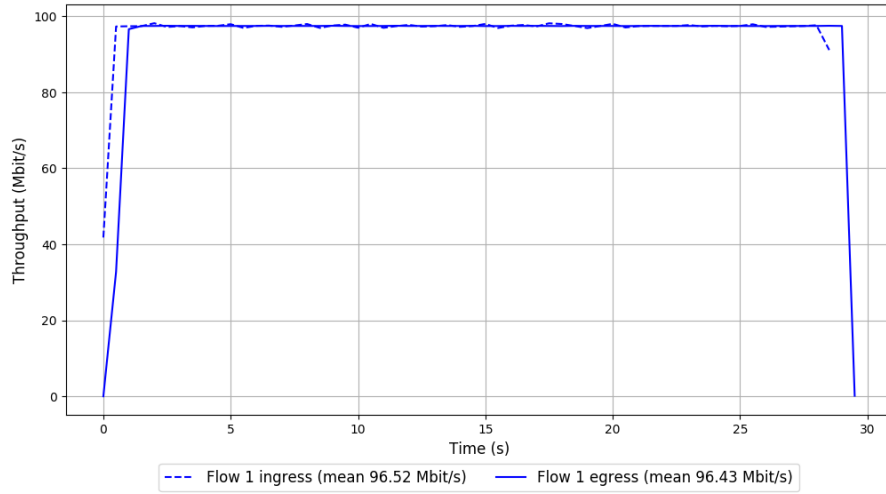
-- Flow 1:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 35.608 ms

Loss rate: 0.07%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-04-23 19:37:34

End at: 2019-04-23 19:38:04

Local clock offset: 3.31 ms

Remote clock offset: 4.329 ms

Below is generated by plot.py at 2019-04-23 21:18:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.47 Mbit/s

95th percentile per-packet one-way delay: 38.375 ms

Loss rate: 0.03%

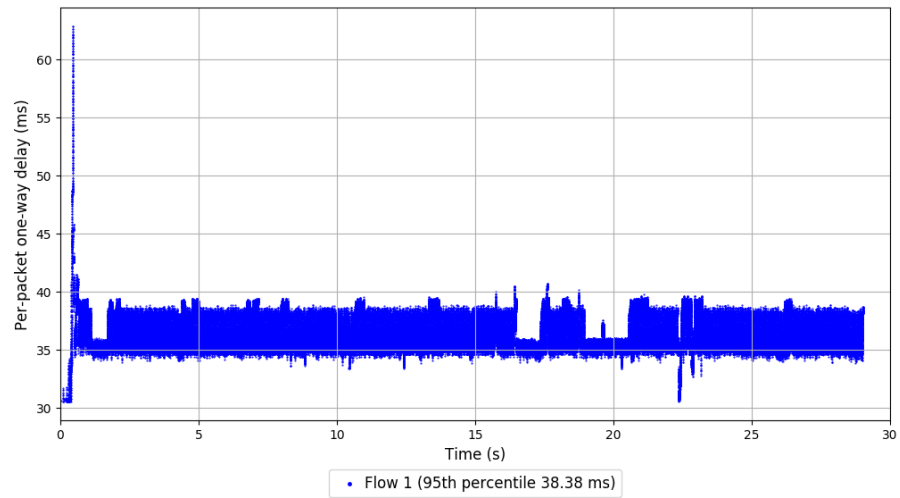
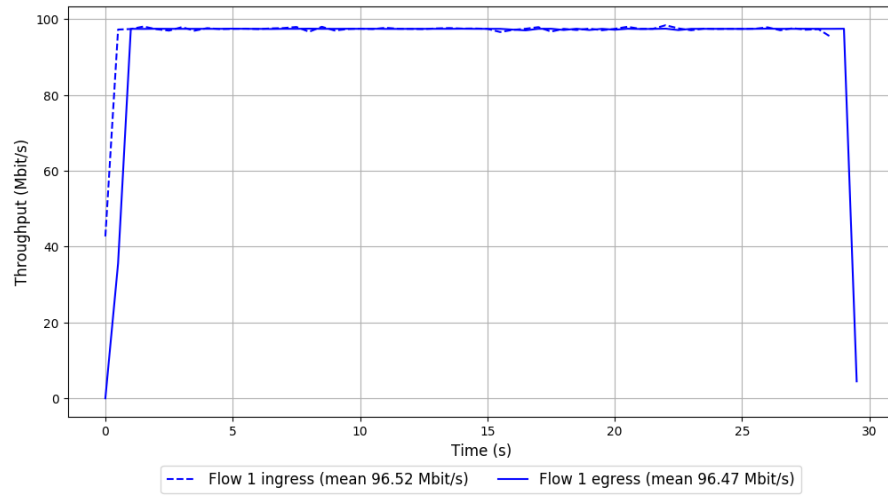
-- Flow 1:

Average throughput: 96.47 Mbit/s

95th percentile per-packet one-way delay: 38.375 ms

Loss rate: 0.03%

Run 2: Report of Indigo-MusesC3 — Data Link



Run 3: Statistics of Indigo-MusesC3

Start at: 2019-04-23 20:02:52

End at: 2019-04-23 20:03:22

Local clock offset: 1.818 ms

Remote clock offset: 2.401 ms

Below is generated by plot.py at 2019-04-23 21:18:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.40 Mbit/s

95th percentile per-packet one-way delay: 36.360 ms

Loss rate: 0.02%

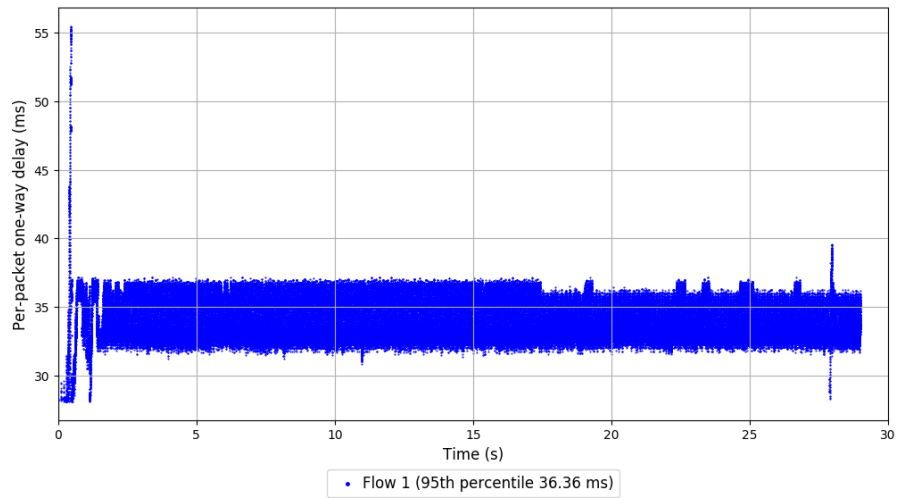
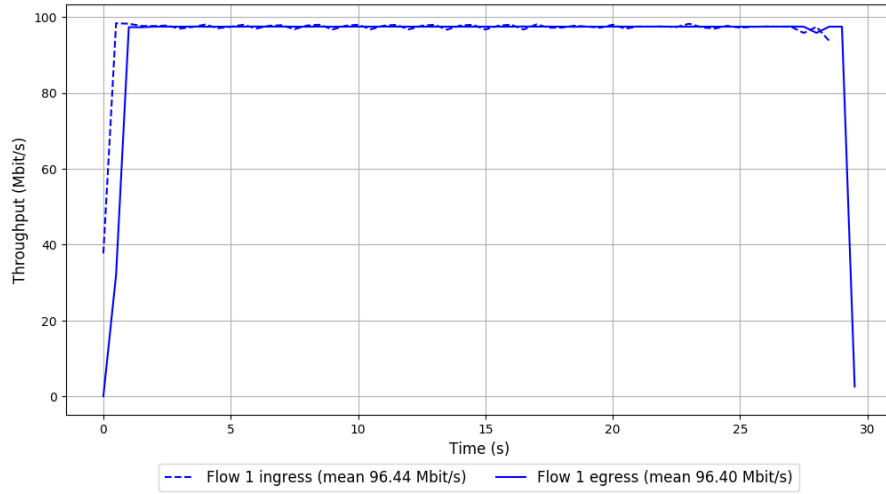
-- Flow 1:

Average throughput: 96.40 Mbit/s

95th percentile per-packet one-way delay: 36.360 ms

Loss rate: 0.02%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-04-23 20:28:45

End at: 2019-04-23 20:29:15

Local clock offset: 3.882 ms

Remote clock offset: 0.2 ms

Below is generated by plot.py at 2019-04-23 21:18:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.31 Mbit/s

95th percentile per-packet one-way delay: 33.705 ms

Loss rate: 0.10%

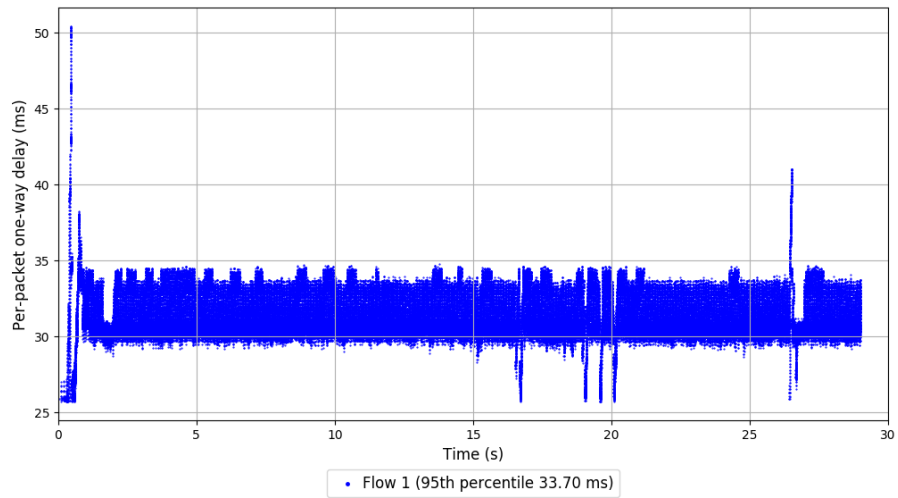
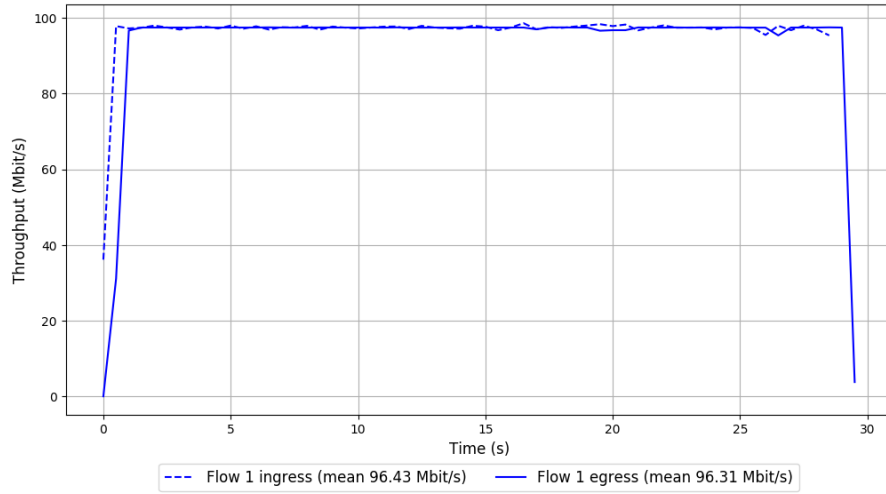
-- Flow 1:

Average throughput: 96.31 Mbit/s

95th percentile per-packet one-way delay: 33.705 ms

Loss rate: 0.10%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-04-23 20:54:47

End at: 2019-04-23 20:55:17

Local clock offset: 2.087 ms

Remote clock offset: 0.484 ms

Below is generated by plot.py at 2019-04-23 21:18:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.45 Mbit/s

95th percentile per-packet one-way delay: 33.113 ms

Loss rate: 0.02%

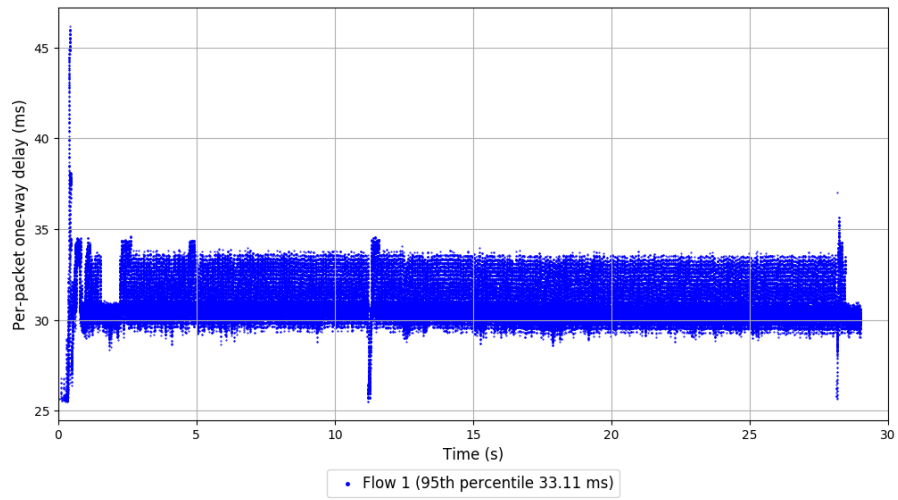
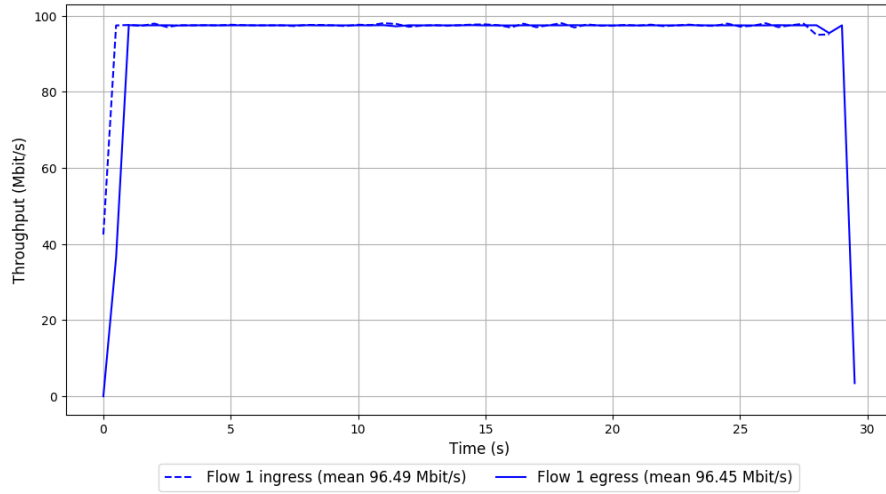
-- Flow 1:

Average throughput: 96.45 Mbit/s

95th percentile per-packet one-way delay: 33.113 ms

Loss rate: 0.02%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-04-23 19:25:42

End at: 2019-04-23 19:26:12

Local clock offset: 3.552 ms

Remote clock offset: 2.357 ms

Below is generated by plot.py at 2019-04-23 21:18:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 34.029 ms

Loss rate: 0.00%

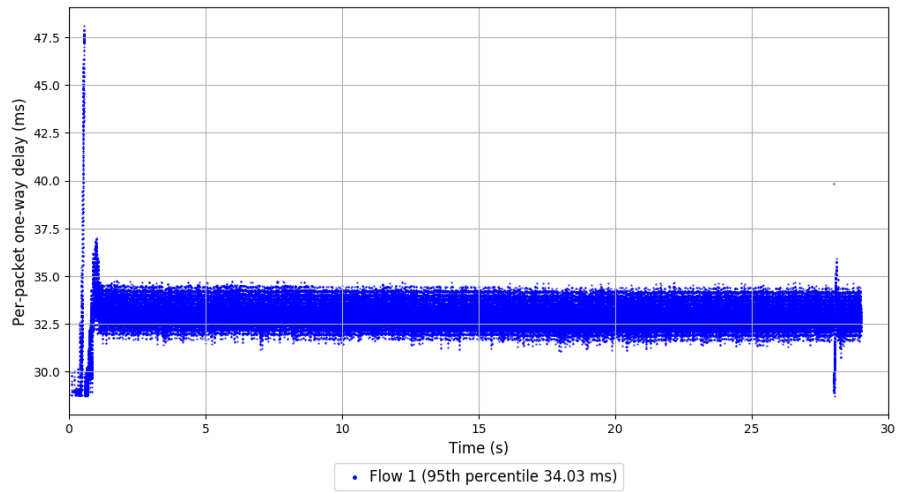
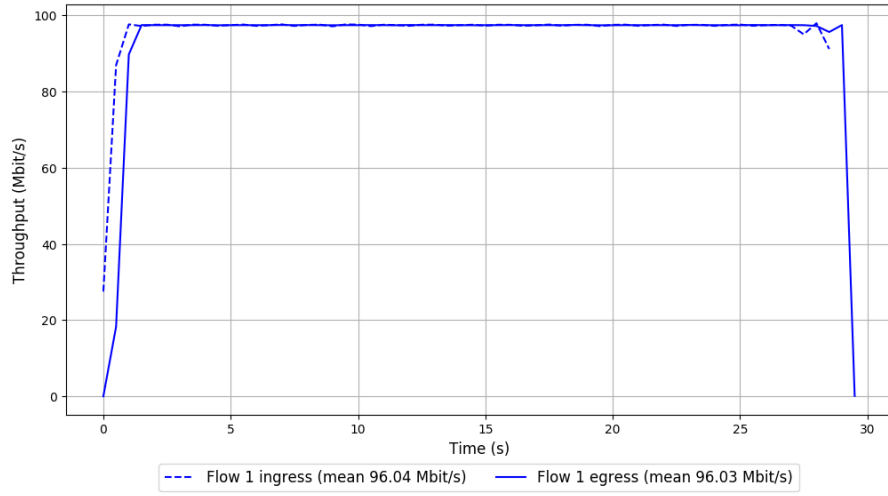
-- Flow 1:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 34.029 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-04-23 19:50:45

End at: 2019-04-23 19:51:15

Local clock offset: 2.563 ms

Remote clock offset: 2.839 ms

Below is generated by plot.py at 2019-04-23 21:18:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.78 Mbit/s

95th percentile per-packet one-way delay: 33.072 ms

Loss rate: 0.00%

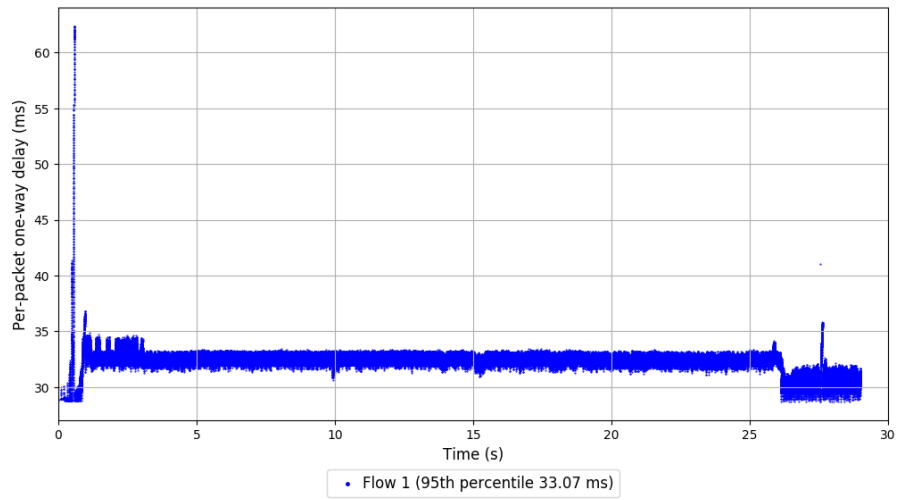
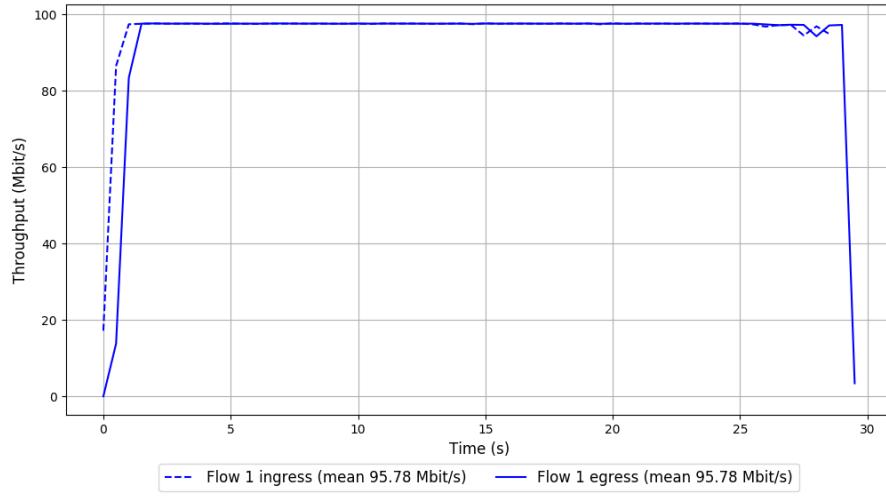
-- Flow 1:

Average throughput: 95.78 Mbit/s

95th percentile per-packet one-way delay: 33.072 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-04-23 20:16:07

End at: 2019-04-23 20:16:37

Local clock offset: 2.34 ms

Remote clock offset: 0.507 ms

Below is generated by plot.py at 2019-04-23 21:19:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.93 Mbit/s

95th percentile per-packet one-way delay: 31.496 ms

Loss rate: 0.03%

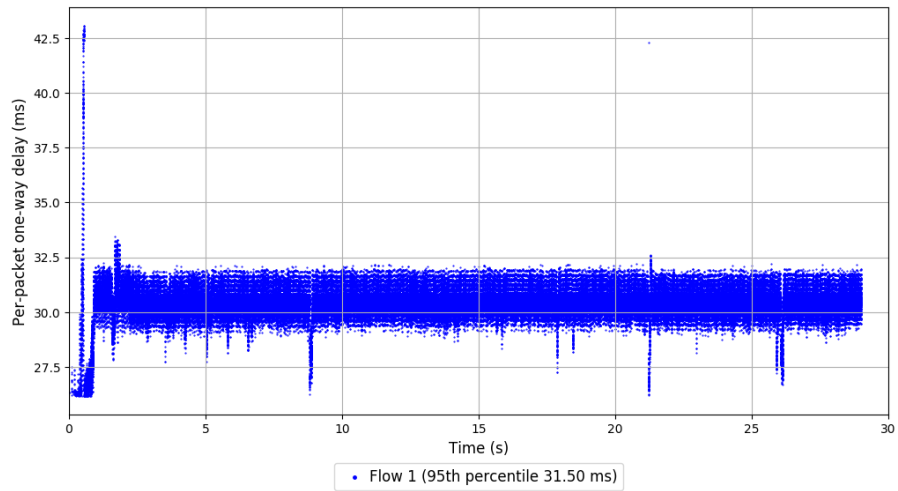
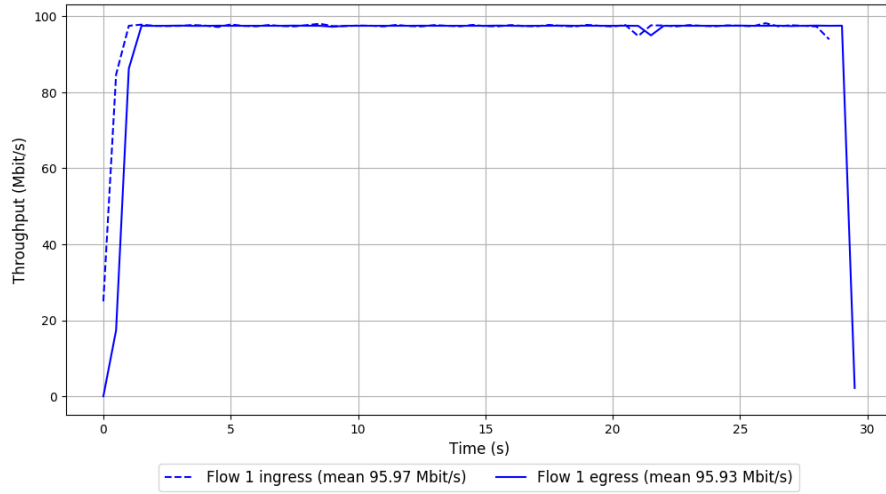
-- Flow 1:

Average throughput: 95.93 Mbit/s

95th percentile per-packet one-way delay: 31.496 ms

Loss rate: 0.03%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-04-23 20:42:12

End at: 2019-04-23 20:42:42

Local clock offset: 5.163 ms

Remote clock offset: 1.199 ms

Below is generated by plot.py at 2019-04-23 21:19:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 31.678 ms

Loss rate: 0.01%

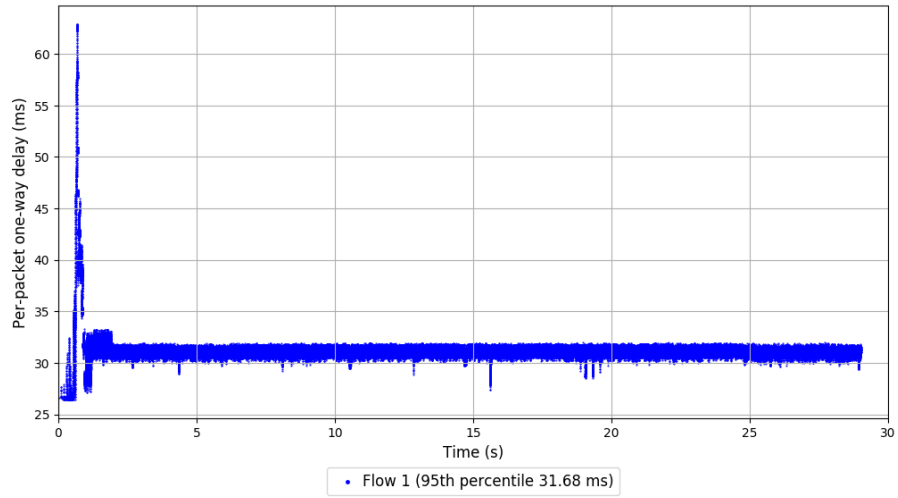
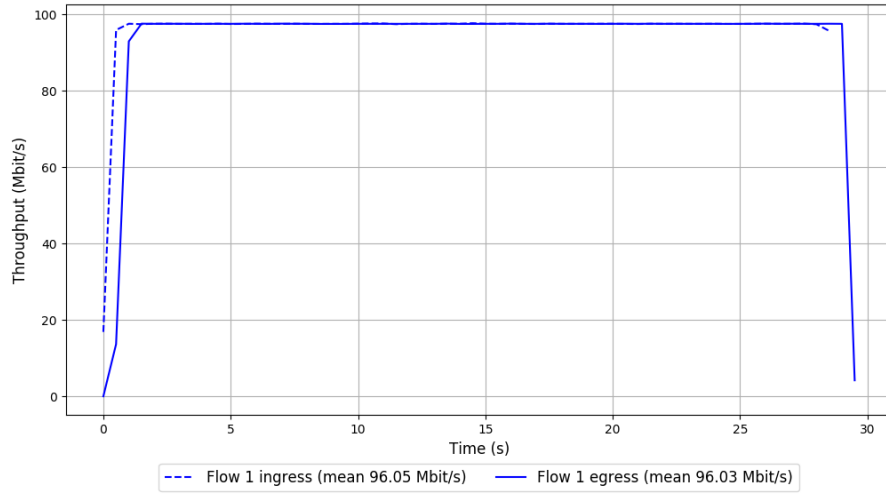
-- Flow 1:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 31.678 ms

Loss rate: 0.01%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-04-23 21:08:06

End at: 2019-04-23 21:08:36

Local clock offset: 0.93 ms

Remote clock offset: 2.869 ms

Below is generated by plot.py at 2019-04-23 21:19:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.80 Mbit/s

95th percentile per-packet one-way delay: 33.459 ms

Loss rate: 0.14%

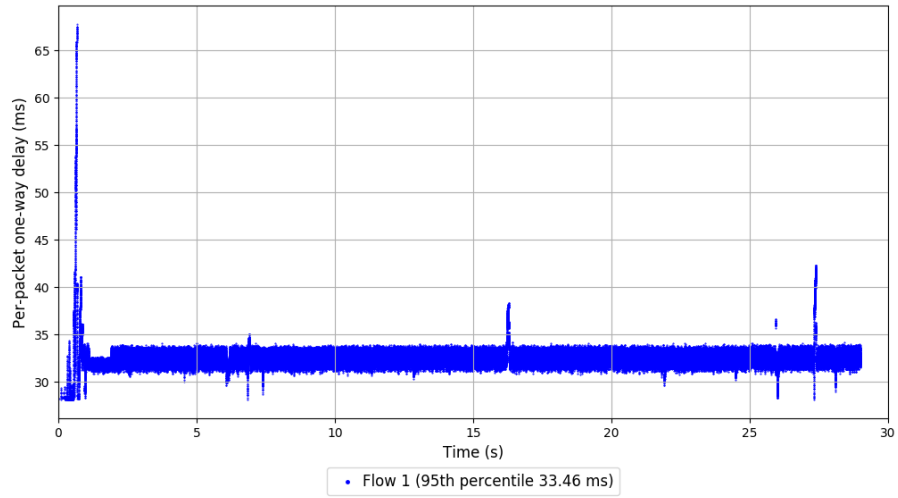
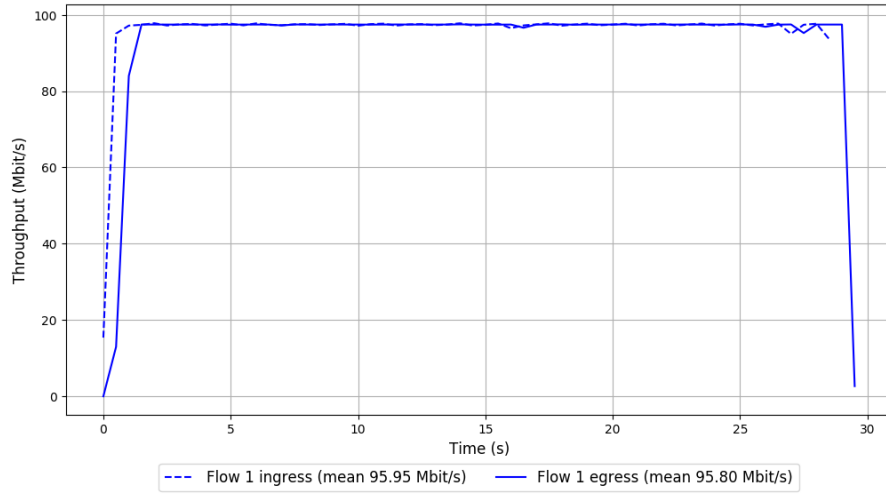
-- Flow 1:

Average throughput: 95.80 Mbit/s

95th percentile per-packet one-way delay: 33.459 ms

Loss rate: 0.14%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-04-23 19:07:49

End at: 2019-04-23 19:08:20

Local clock offset: 6.539 ms

Remote clock offset: 1.239 ms

Below is generated by plot.py at 2019-04-23 21:19:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.65 Mbit/s

95th percentile per-packet one-way delay: 32.533 ms

Loss rate: 0.07%

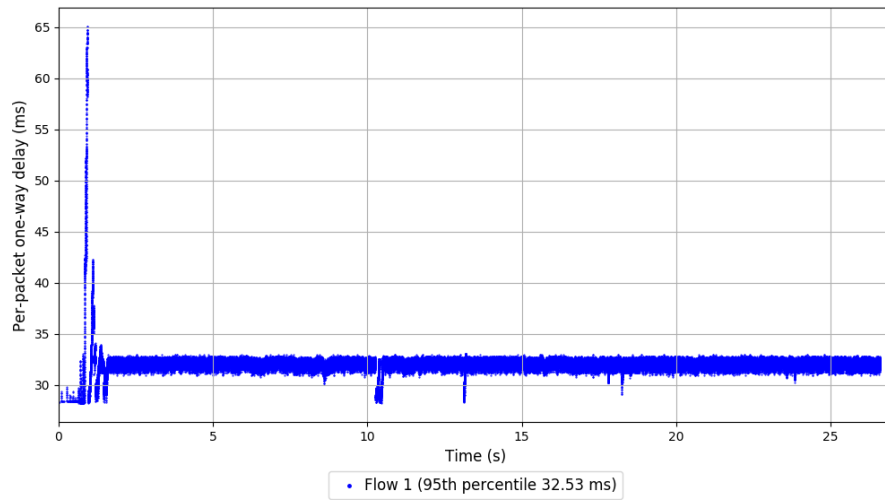
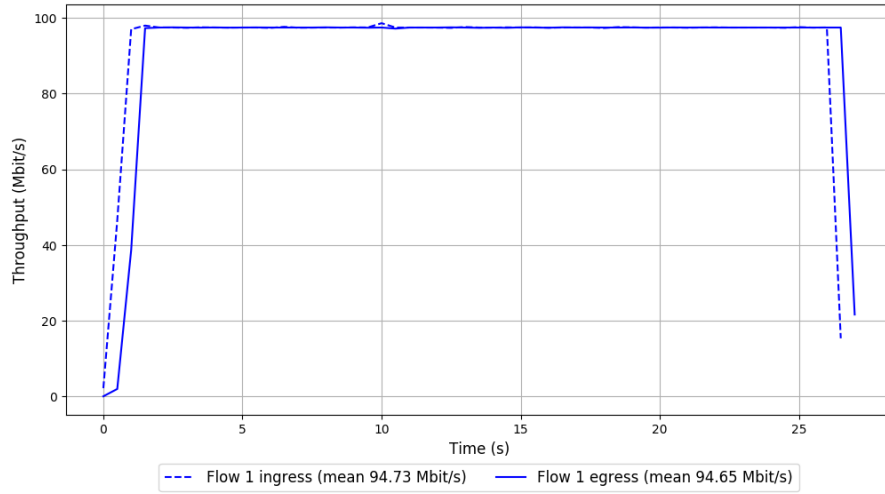
-- Flow 1:

Average throughput: 94.65 Mbit/s

95th percentile per-packet one-way delay: 32.533 ms

Loss rate: 0.07%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-04-23 19:32:45

End at: 2019-04-23 19:33:15

Local clock offset: 3.175 ms

Remote clock offset: 4.215 ms

Below is generated by plot.py at 2019-04-23 21:19:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 35.594 ms

Loss rate: 0.00%

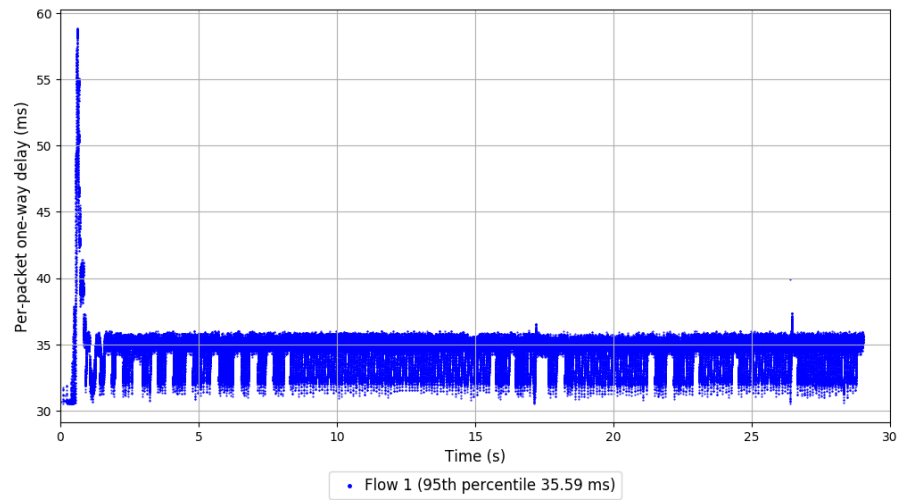
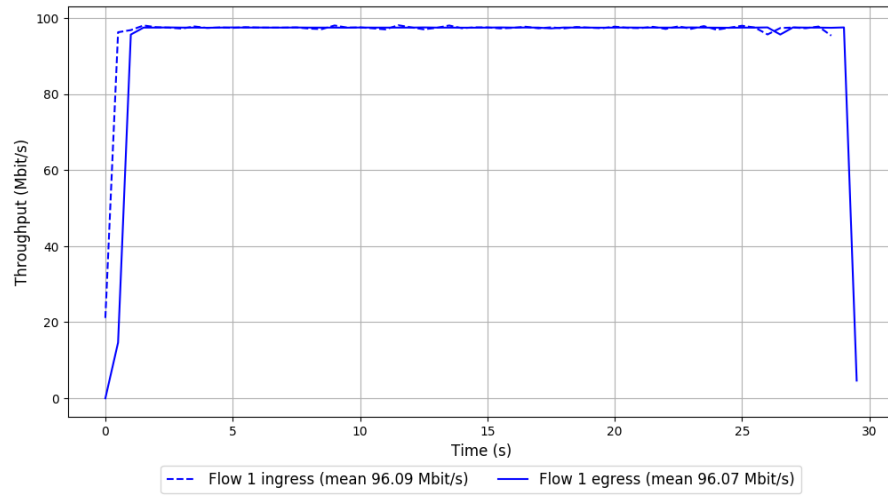
-- Flow 1:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 35.594 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-04-23 19:57:51

End at: 2019-04-23 19:58:21

Local clock offset: 1.915 ms

Remote clock offset: 4.591 ms

Below is generated by plot.py at 2019-04-23 21:19:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.93 Mbit/s

95th percentile per-packet one-way delay: 34.685 ms

Loss rate: 0.00%

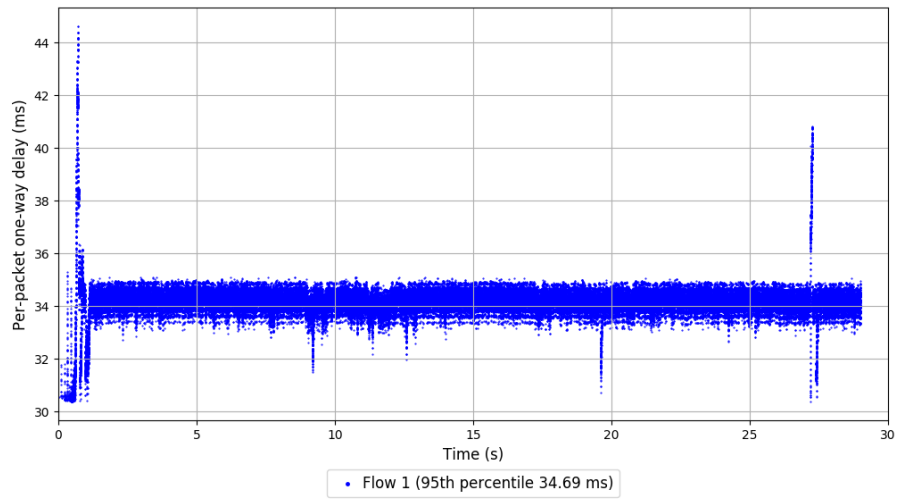
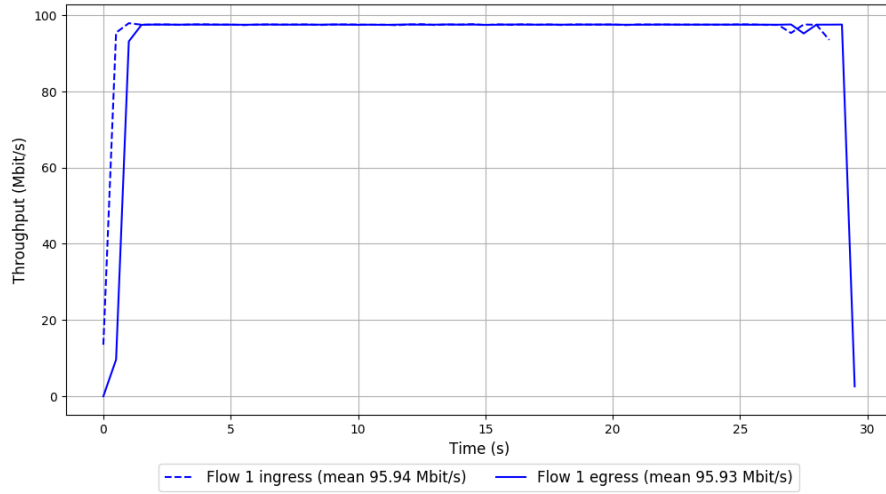
-- Flow 1:

Average throughput: 95.93 Mbit/s

95th percentile per-packet one-way delay: 34.685 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-04-23 20:23:28

End at: 2019-04-23 20:23:58

Local clock offset: 3.366 ms

Remote clock offset: 0.87 ms

Below is generated by plot.py at 2019-04-23 21:20:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: 31.532 ms

Loss rate: 0.05%

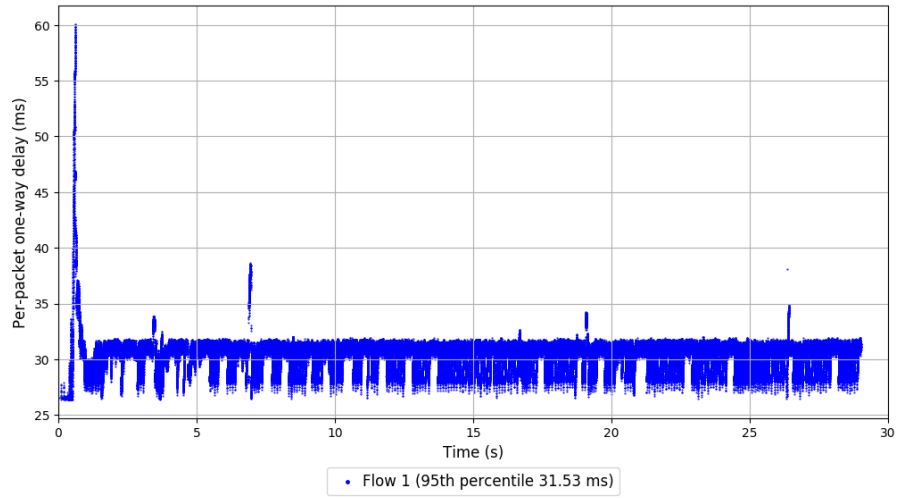
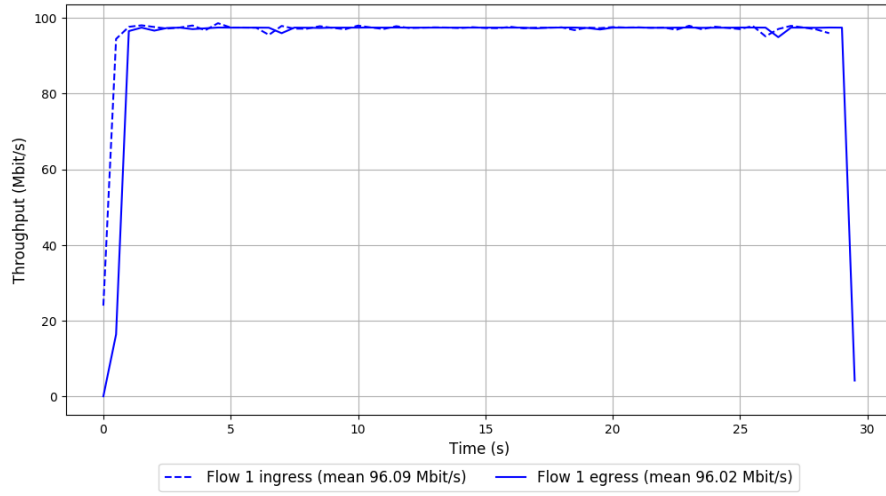
-- Flow 1:

Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: 31.532 ms

Loss rate: 0.05%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-04-23 20:49:29

End at: 2019-04-23 20:49:59

Local clock offset: 3.504 ms

Remote clock offset: 3.099 ms

Below is generated by plot.py at 2019-04-23 21:20:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 29.836 ms

Loss rate: 0.15%

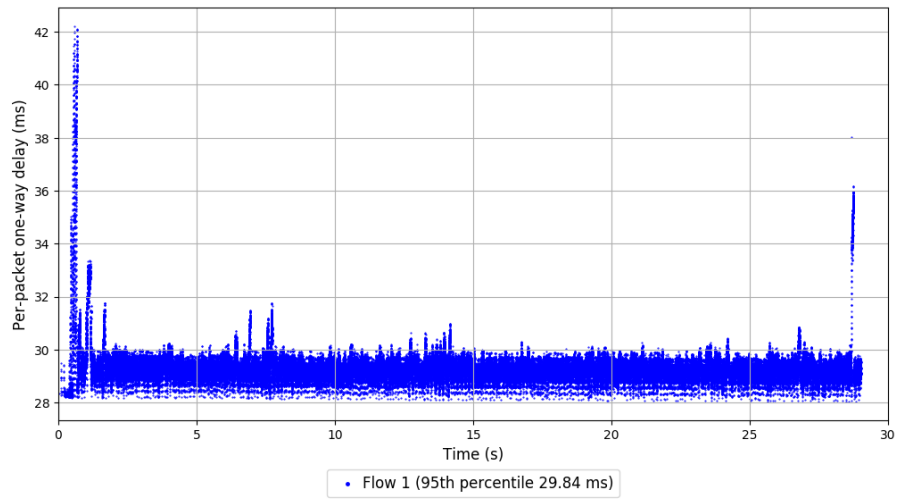
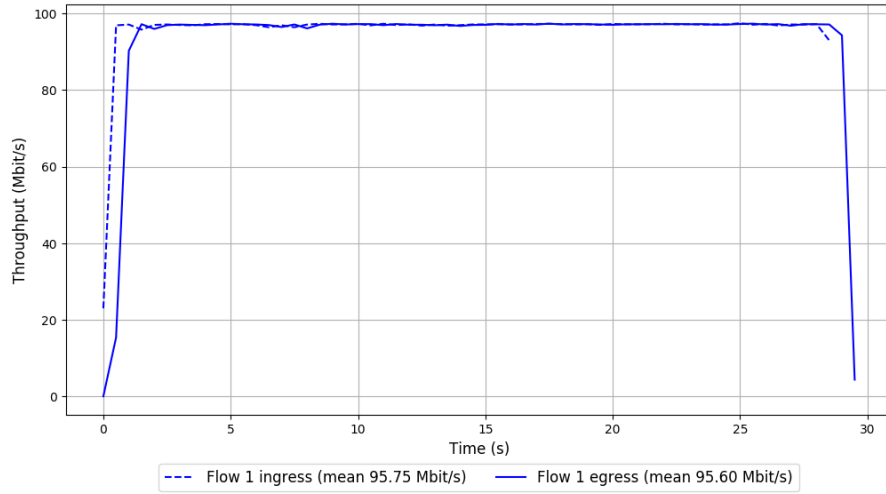
-- Flow 1:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 29.836 ms

Loss rate: 0.15%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MuseST

Start at: 2019-04-23 19:24:26

End at: 2019-04-23 19:24:57

Local clock offset: 3.711 ms

Remote clock offset: 1.924 ms

Below is generated by plot.py at 2019-04-23 21:20:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 39.914 ms

Loss rate: 0.77%

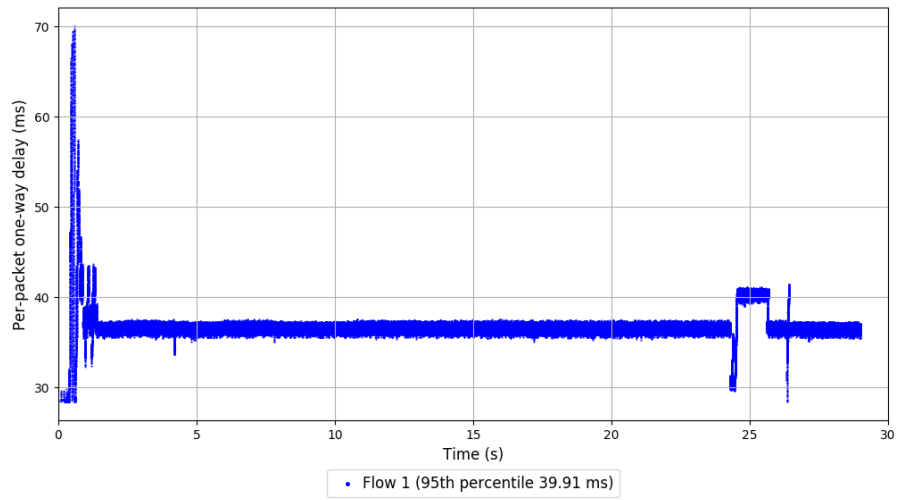
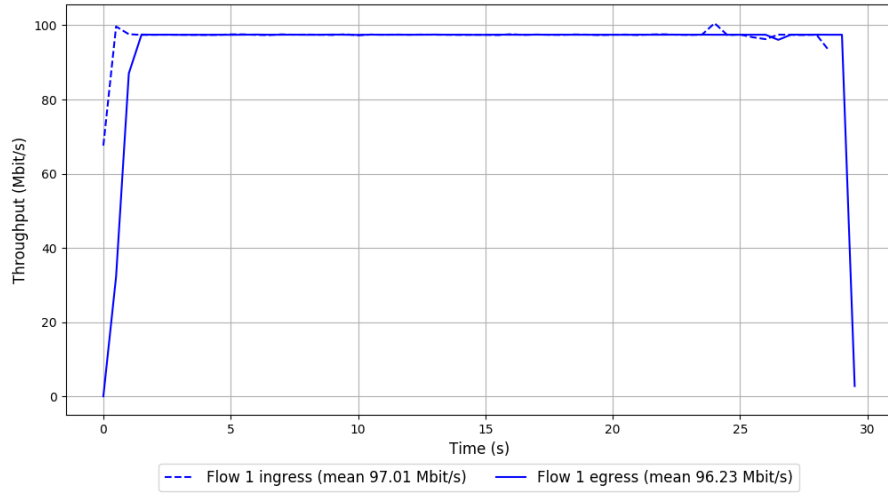
-- Flow 1:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 39.914 ms

Loss rate: 0.77%

Run 1: Report of Indigo-MusesT — Data Link

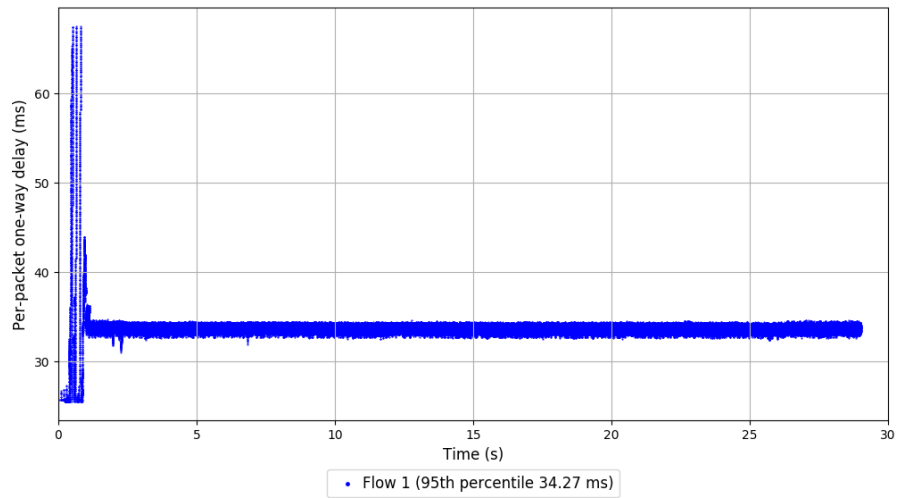
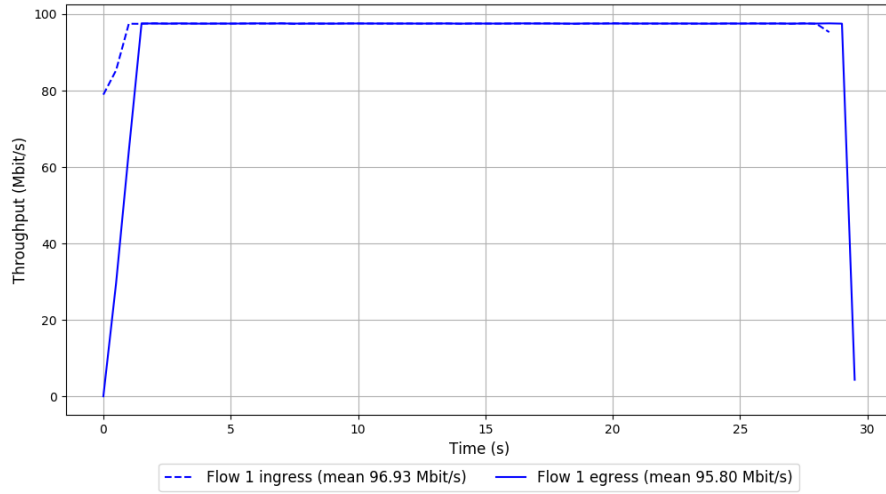


Run 2: Statistics of Indigo-MusesT

Start at: 2019-04-23 19:49:30
End at: 2019-04-23 19:50:00
Local clock offset: 2.768 ms
Remote clock offset: -0.323 ms

Below is generated by plot.py at 2019-04-23 21:20:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 34.266 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 34.266 ms
Loss rate: 1.13%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MuseST

Start at: 2019-04-23 20:14:51

End at: 2019-04-23 20:15:21

Local clock offset: 2.181 ms

Remote clock offset: 0.043 ms

Below is generated by plot.py at 2019-04-23 21:20:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.17 Mbit/s

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

Loss rate: 0.78%

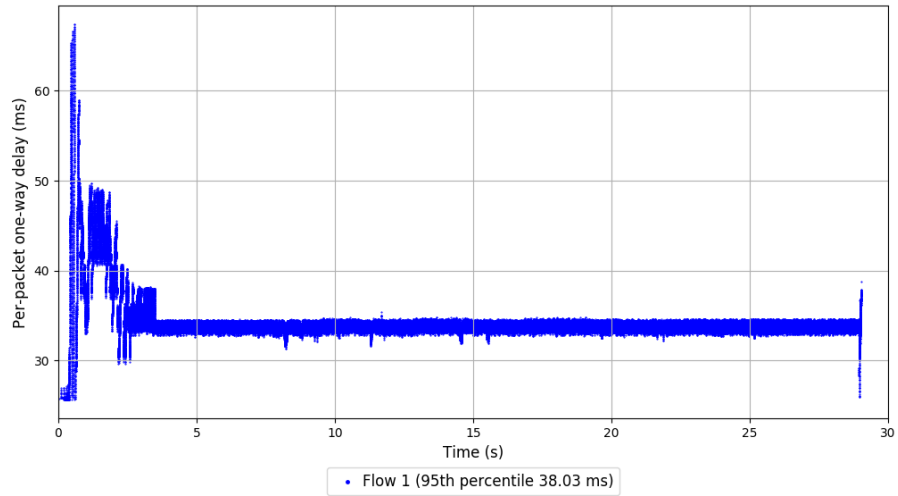
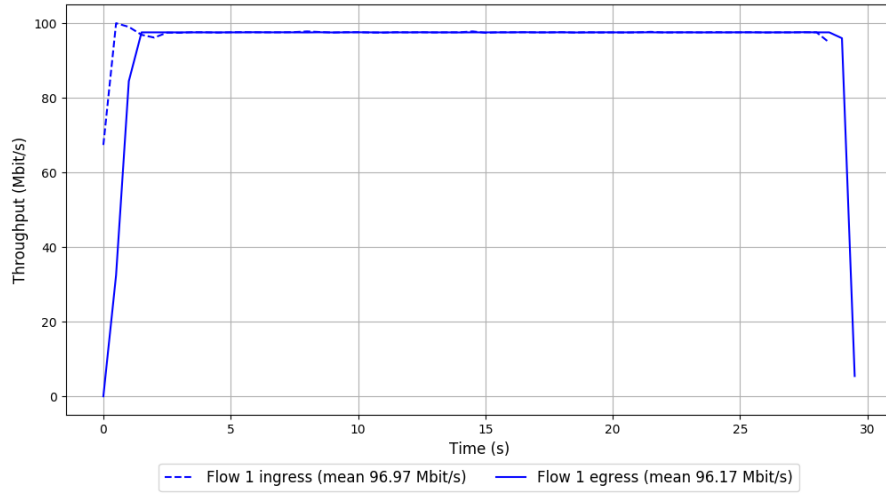
-- Flow 1:

Average throughput: 96.17 Mbit/s

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

Loss rate: 0.78%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MuseST

Start at: 2019-04-23 20:40:54

End at: 2019-04-23 20:41:24

Local clock offset: 5.04 ms

Remote clock offset: 0.398 ms

Below is generated by plot.py at 2019-04-23 21:20:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 34.466 ms

Loss rate: 0.73%

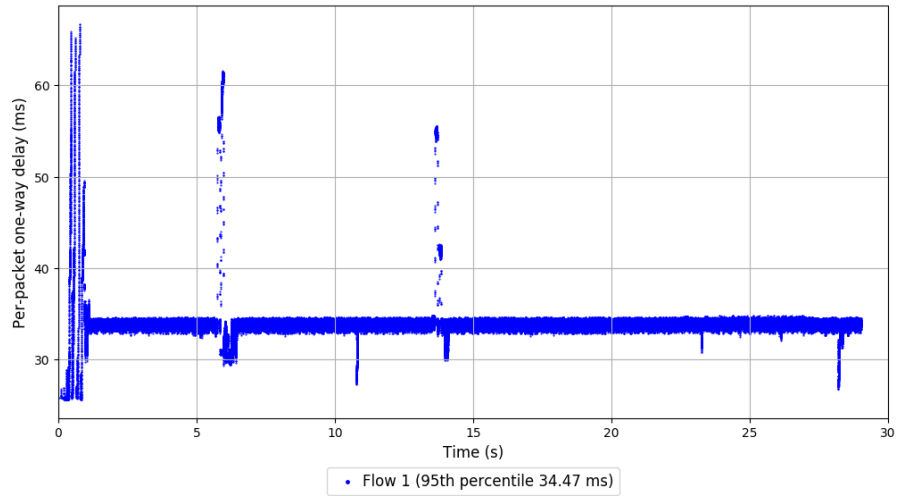
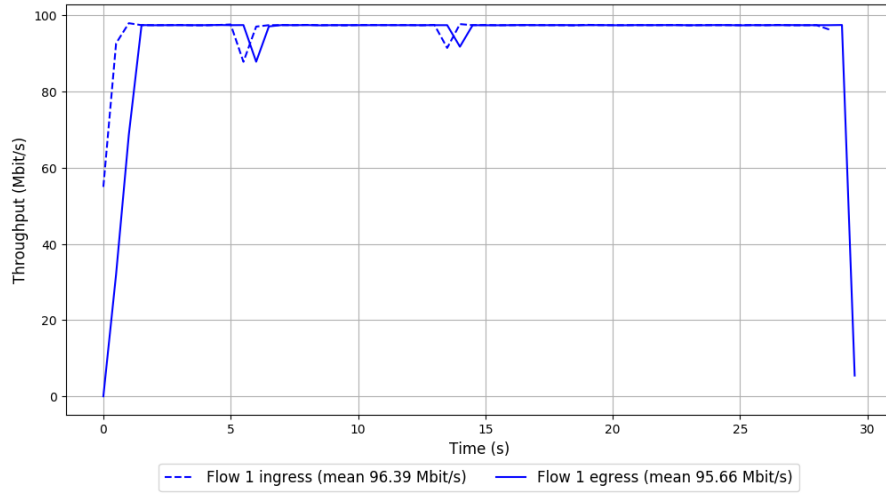
-- Flow 1:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 34.466 ms

Loss rate: 0.73%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MuseST

Start at: 2019-04-23 21:06:49

End at: 2019-04-23 21:07:19

Local clock offset: 0.977 ms

Remote clock offset: 0.323 ms

Below is generated by plot.py at 2019-04-23 21:20:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.86 Mbit/s

95th percentile per-packet one-way delay: 36.136 ms

Loss rate: 1.24%

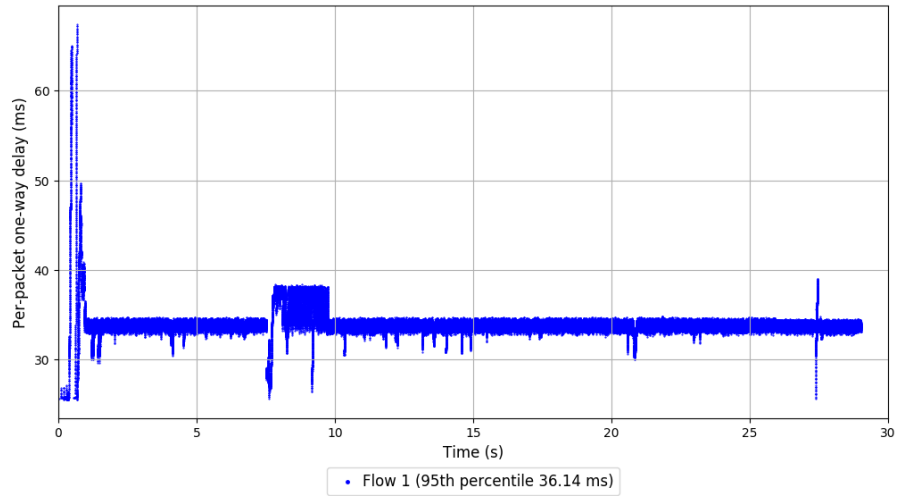
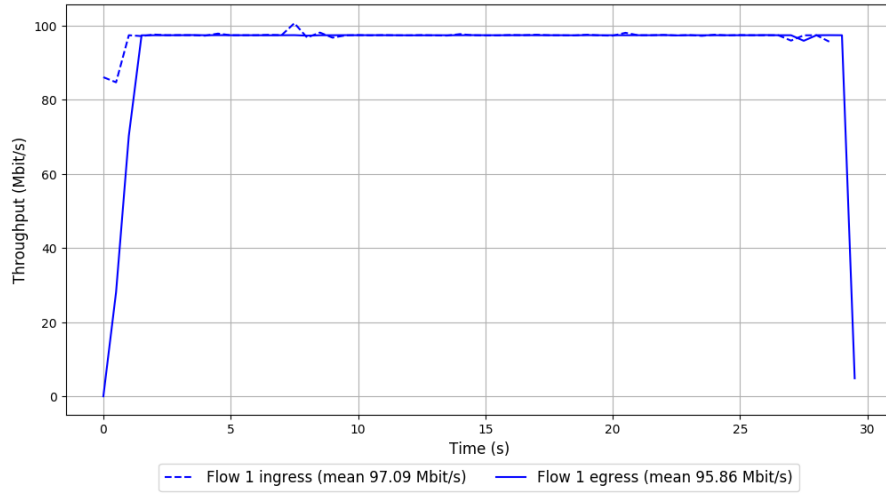
-- Flow 1:

Average throughput: 95.86 Mbit/s

95th percentile per-packet one-way delay: 36.136 ms

Loss rate: 1.24%

Run 5: Report of Indigo-MusesT — Data Link



Run 1: Statistics of LEDBAT

Start at: 2019-04-23 19:17:08

End at: 2019-04-23 19:17:38

Local clock offset: 6.246 ms

Remote clock offset: -0.267 ms

Below is generated by plot.py at 2019-04-23 21:20:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.37 Mbit/s

95th percentile per-packet one-way delay: 52.973 ms

Loss rate: 0.00%

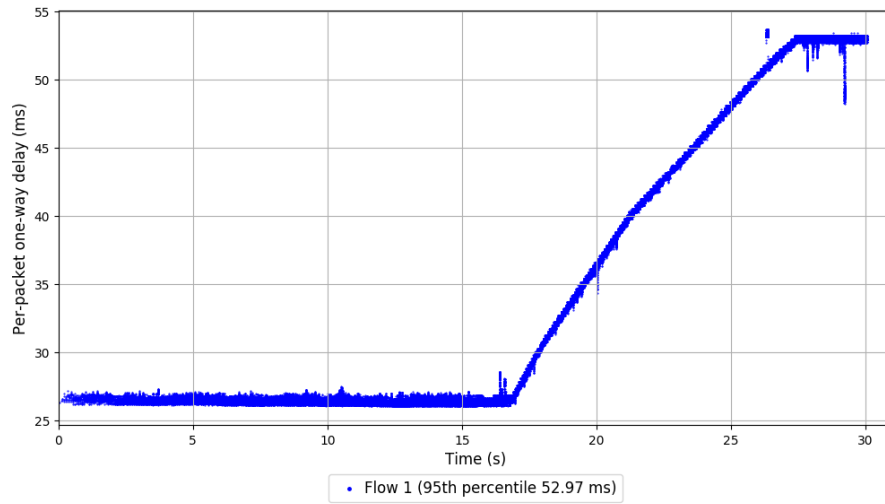
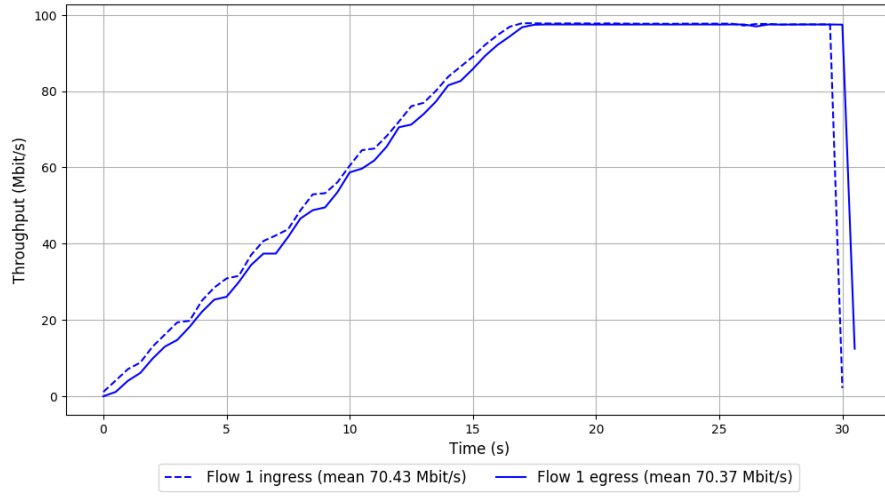
-- Flow 1:

Average throughput: 70.37 Mbit/s

95th percentile per-packet one-way delay: 52.973 ms

Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-04-23 19:42:12

End at: 2019-04-23 19:42:42

Local clock offset: 3.638 ms

Remote clock offset: 4.188 ms

Below is generated by plot.py at 2019-04-23 21:20:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.40 Mbit/s

95th percentile per-packet one-way delay: 57.579 ms

Loss rate: 0.00%

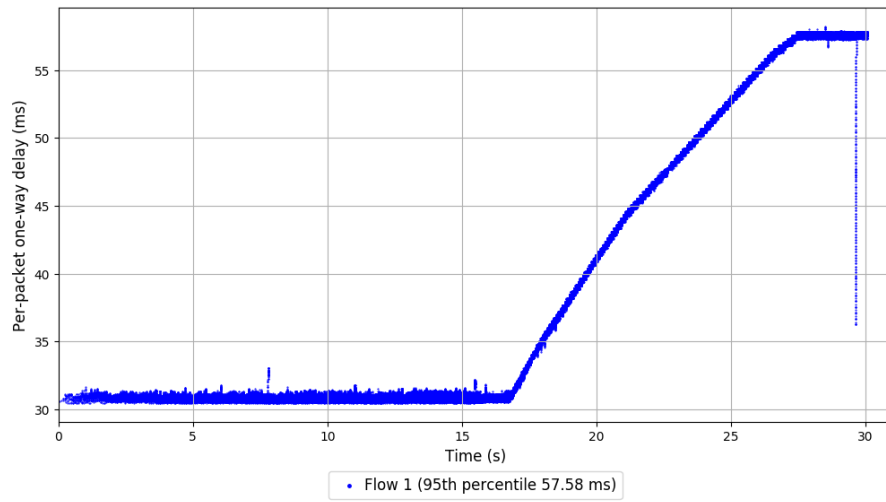
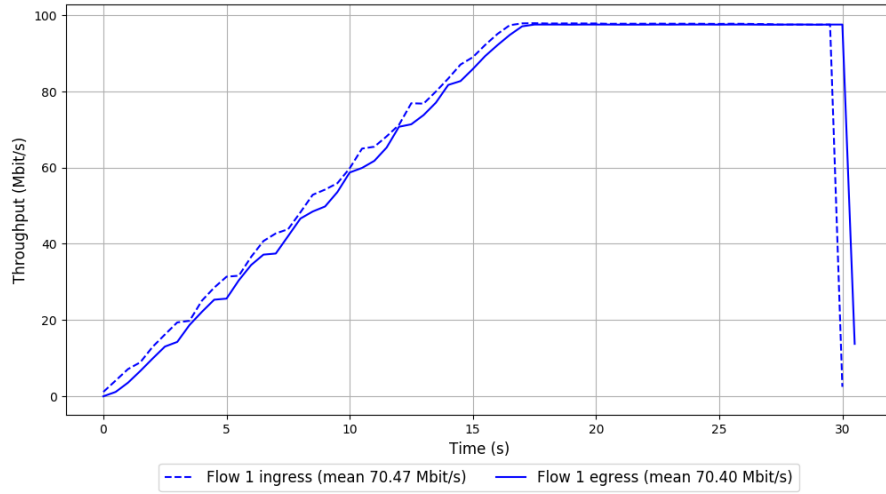
-- Flow 1:

Average throughput: 70.40 Mbit/s

95th percentile per-packet one-way delay: 57.579 ms

Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-04-23 20:07:30

End at: 2019-04-23 20:08:00

Local clock offset: 1.868 ms

Remote clock offset: 0.662 ms

Below is generated by plot.py at 2019-04-23 21:20:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.64 Mbit/s

95th percentile per-packet one-way delay: 30.102 ms

Loss rate: 0.02%

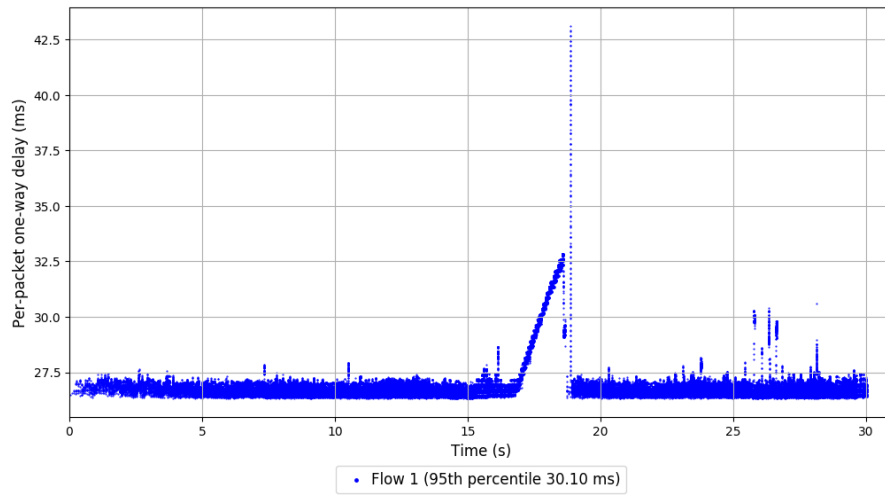
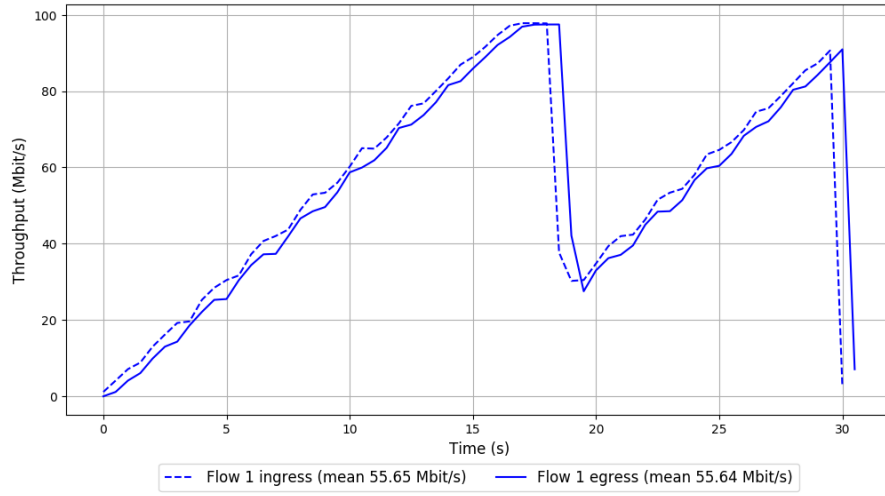
-- Flow 1:

Average throughput: 55.64 Mbit/s

95th percentile per-packet one-way delay: 30.102 ms

Loss rate: 0.02%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-04-23 20:33:27

End at: 2019-04-23 20:33:57

Local clock offset: 4.331 ms

Remote clock offset: 0.564 ms

Below is generated by plot.py at 2019-04-23 21:21:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.40 Mbit/s

95th percentile per-packet one-way delay: 26.810 ms

Loss rate: 0.00%

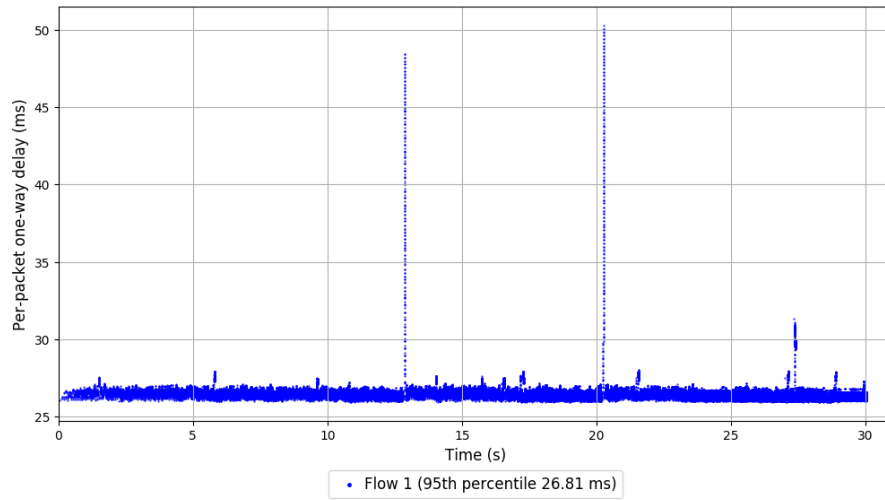
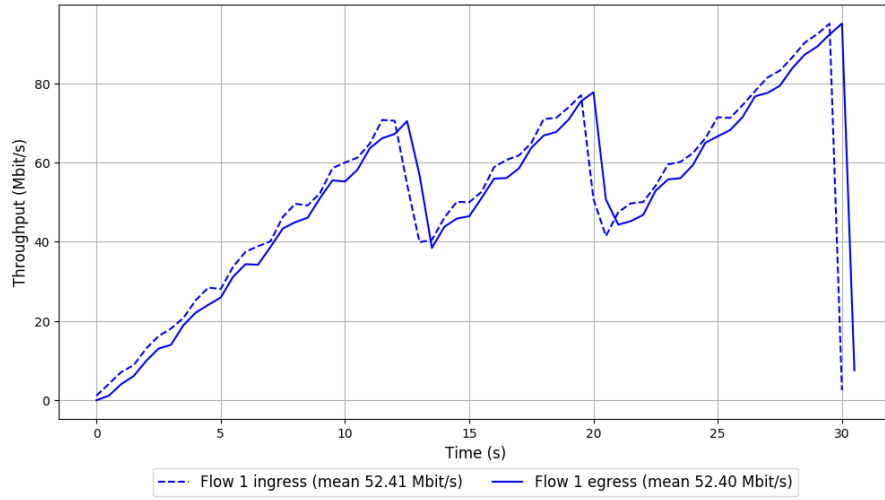
-- Flow 1:

Average throughput: 52.40 Mbit/s

95th percentile per-packet one-way delay: 26.810 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-04-23 20:59:25

End at: 2019-04-23 20:59:55

Local clock offset: 1.424 ms

Remote clock offset: 1.089 ms

Below is generated by plot.py at 2019-04-23 21:21:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.25 Mbit/s

95th percentile per-packet one-way delay: 37.946 ms

Loss rate: 0.02%

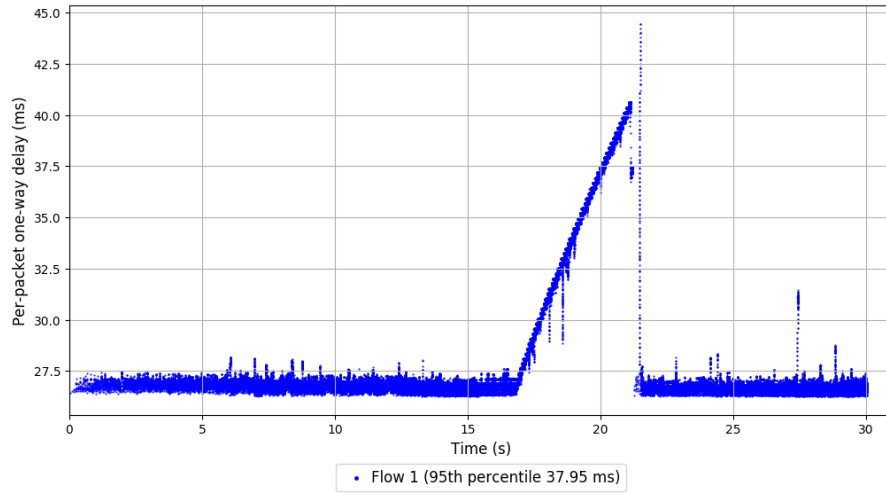
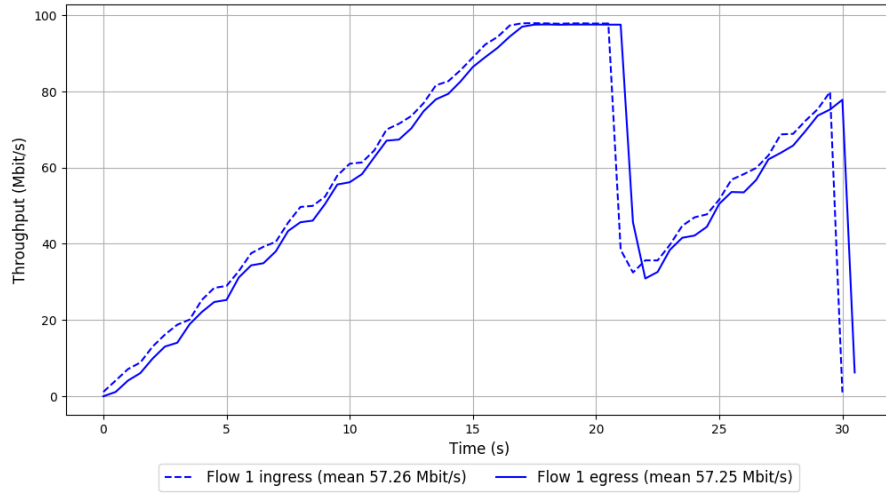
-- Flow 1:

Average throughput: 57.25 Mbit/s

95th percentile per-packet one-way delay: 37.946 ms

Loss rate: 0.02%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-04-23 19:23:14

End at: 2019-04-23 19:23:44

Local clock offset: 3.961 ms

Remote clock offset: -0.482 ms

Below is generated by plot.py at 2019-04-23 21:21:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.49 Mbit/s

95th percentile per-packet one-way delay: 30.437 ms

Loss rate: 0.74%

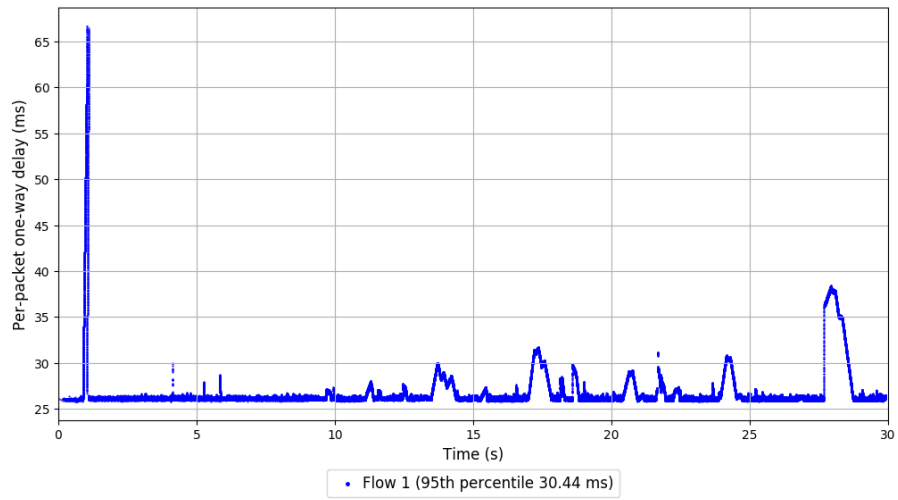
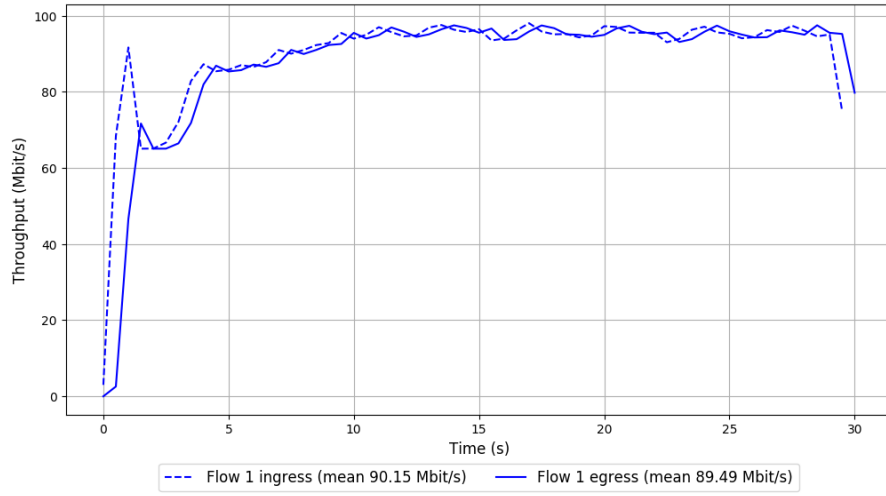
-- Flow 1:

Average throughput: 89.49 Mbit/s

95th percentile per-packet one-way delay: 30.437 ms

Loss rate: 0.74%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-04-23 19:48:18

End at: 2019-04-23 19:48:48

Local clock offset: 2.991 ms

Remote clock offset: 4.159 ms

Below is generated by plot.py at 2019-04-23 21:21:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.69 Mbit/s

95th percentile per-packet one-way delay: 34.420 ms

Loss rate: 0.70%

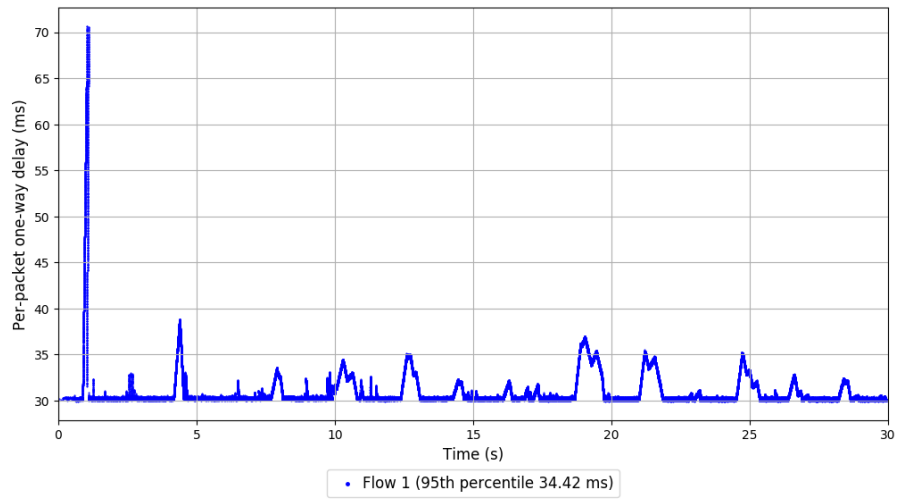
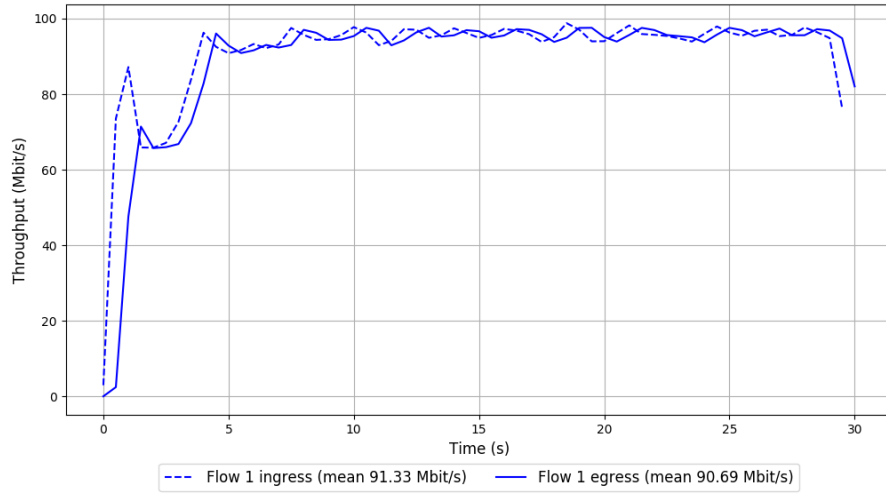
-- Flow 1:

Average throughput: 90.69 Mbit/s

95th percentile per-packet one-way delay: 34.420 ms

Loss rate: 0.70%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-04-23 20:13:37

End at: 2019-04-23 20:14:07

Local clock offset: 2.09 ms

Remote clock offset: 0.42 ms

Below is generated by plot.py at 2019-04-23 21:21:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.62 Mbit/s

95th percentile per-packet one-way delay: 29.989 ms

Loss rate: 0.73%

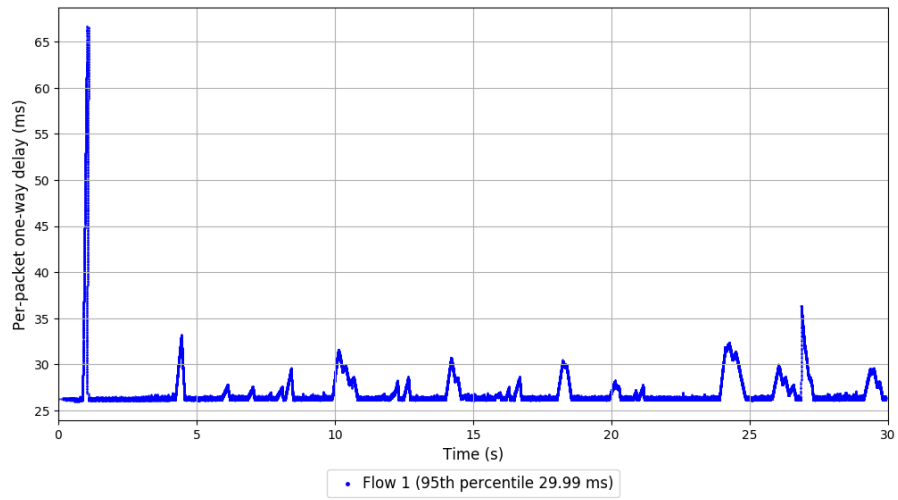
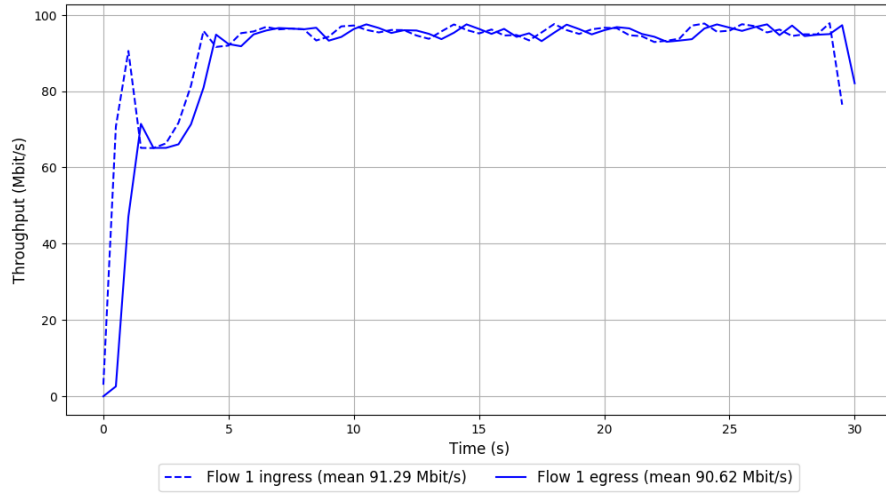
-- Flow 1:

Average throughput: 90.62 Mbit/s

95th percentile per-packet one-way delay: 29.989 ms

Loss rate: 0.73%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-04-23 20:39:41

End at: 2019-04-23 20:40:11

Local clock offset: 4.946 ms

Remote clock offset: 1.068 ms

Below is generated by plot.py at 2019-04-23 21:22:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.74 Mbit/s

95th percentile per-packet one-way delay: 30.795 ms

Loss rate: 0.88%

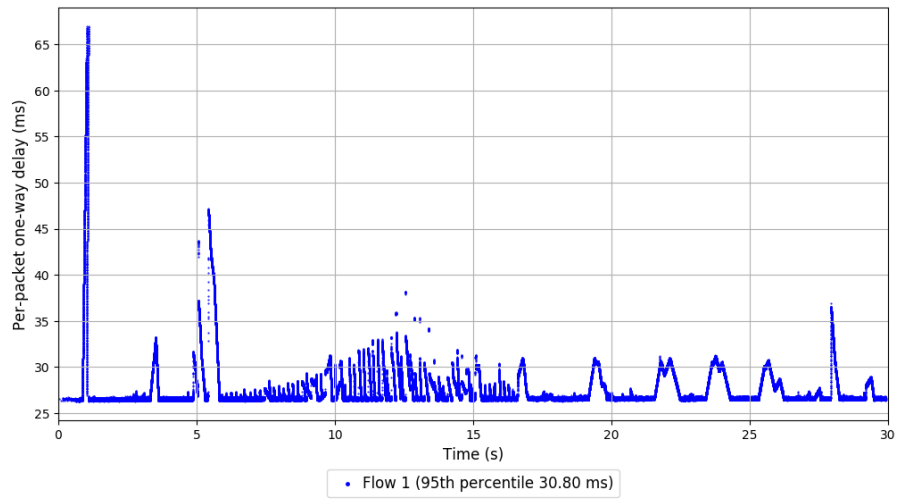
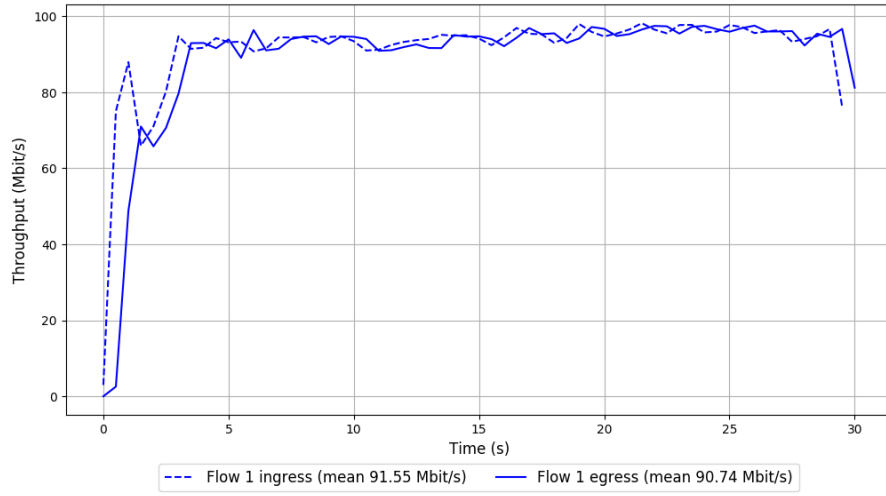
-- Flow 1:

Average throughput: 90.74 Mbit/s

95th percentile per-packet one-way delay: 30.795 ms

Loss rate: 0.88%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-04-23 21:05:34

End at: 2019-04-23 21:06:04

Local clock offset: 1.056 ms

Remote clock offset: 0.299 ms

Below is generated by plot.py at 2019-04-23 21:22:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.93 Mbit/s

95th percentile per-packet one-way delay: 30.086 ms

Loss rate: 0.73%

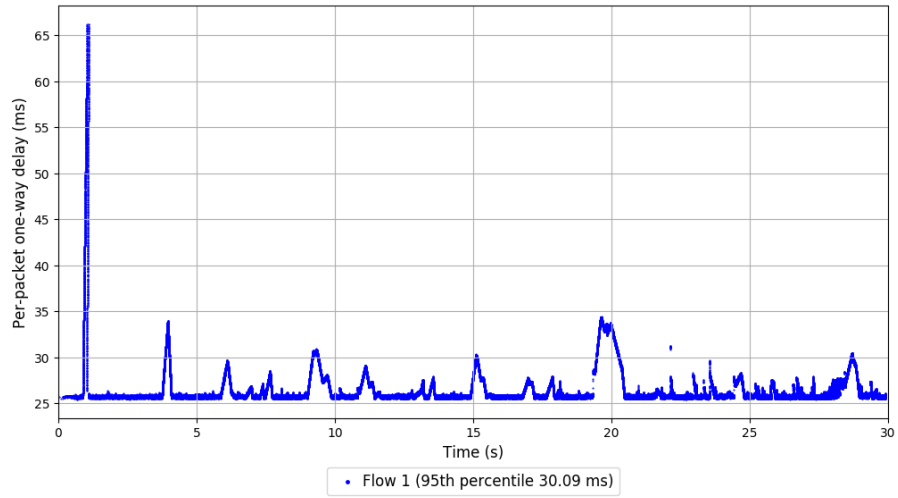
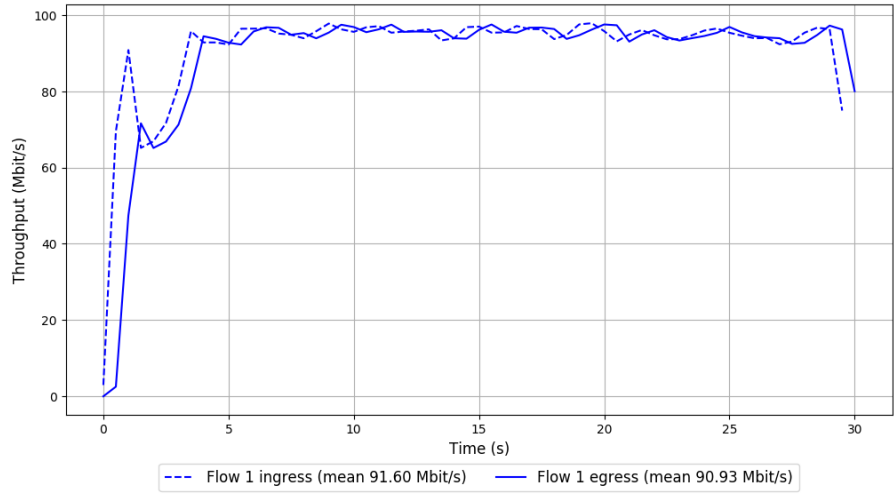
-- Flow 1:

Average throughput: 90.93 Mbit/s

95th percentile per-packet one-way delay: 30.086 ms

Loss rate: 0.73%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

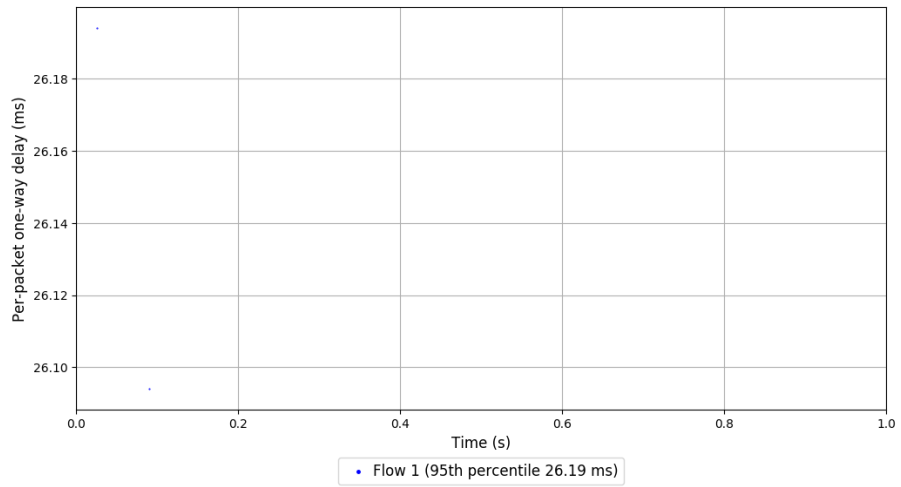
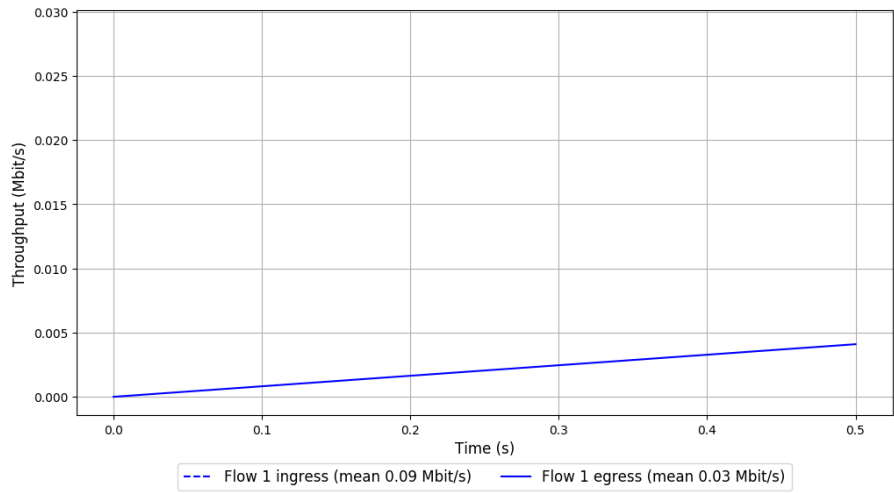
Start at: 2019-04-23 19:14:54

End at: 2019-04-23 19:15:24

Local clock offset: 7.304 ms

Remote clock offset: -0.652 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

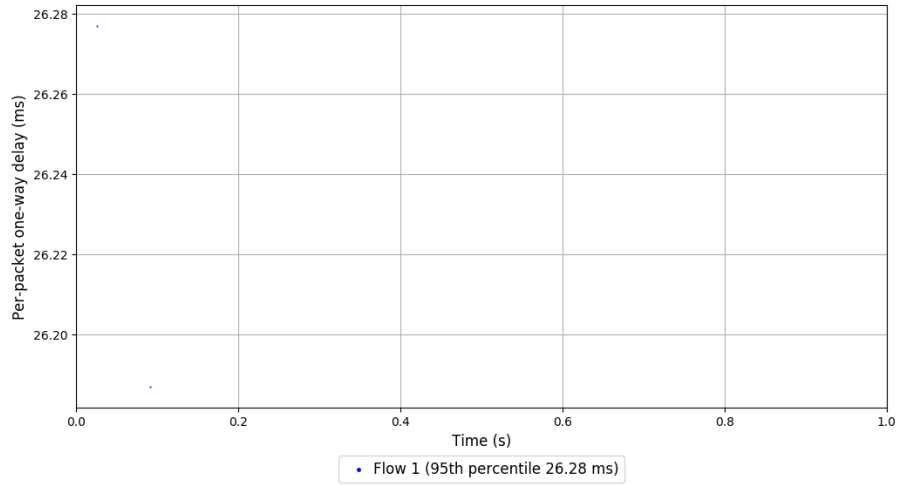
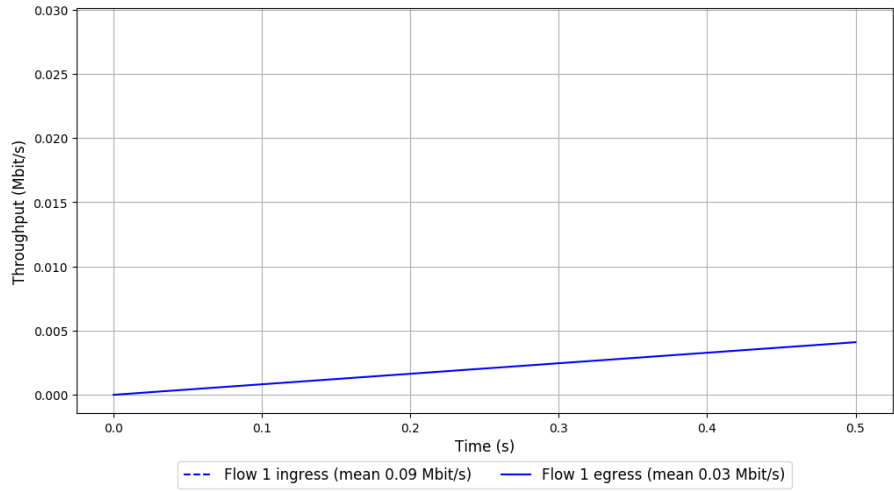
Start at: 2019-04-23 19:39:57

End at: 2019-04-23 19:40:27

Local clock offset: 3.466 ms

Remote clock offset: -0.149 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

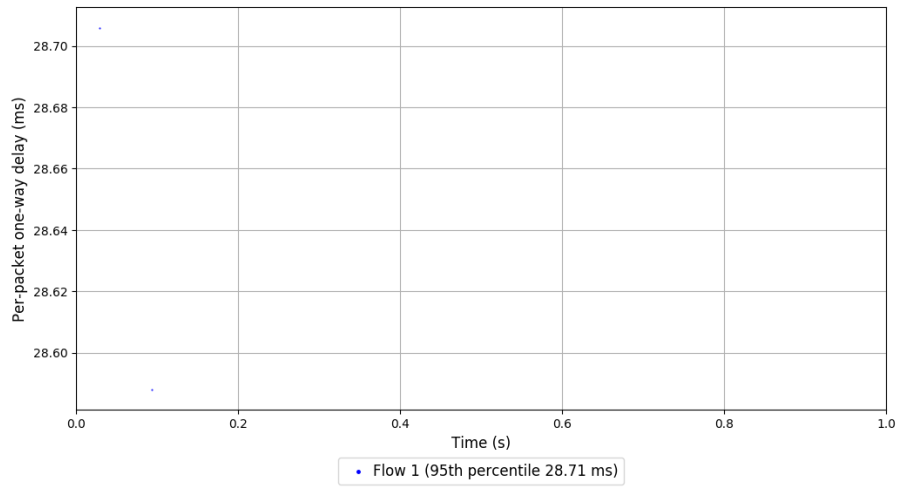
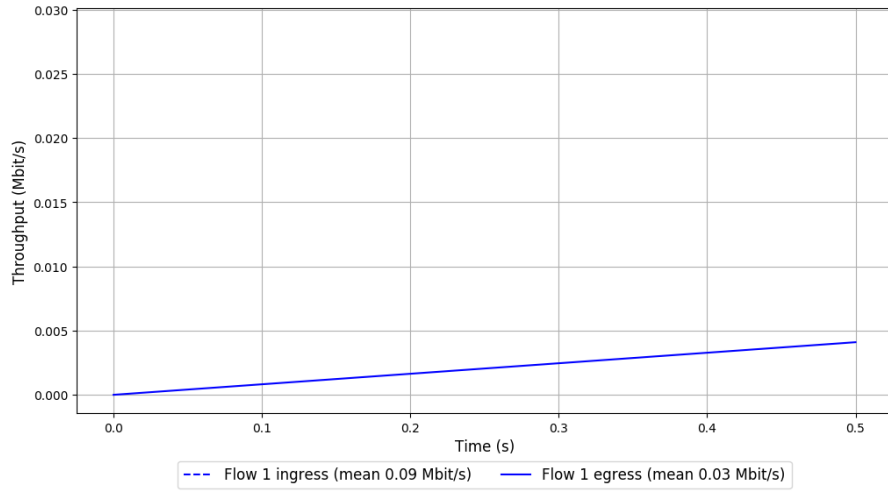
Start at: 2019-04-23 20:05:14

End at: 2019-04-23 20:05:44

Local clock offset: 1.821 ms

Remote clock offset: 2.823 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

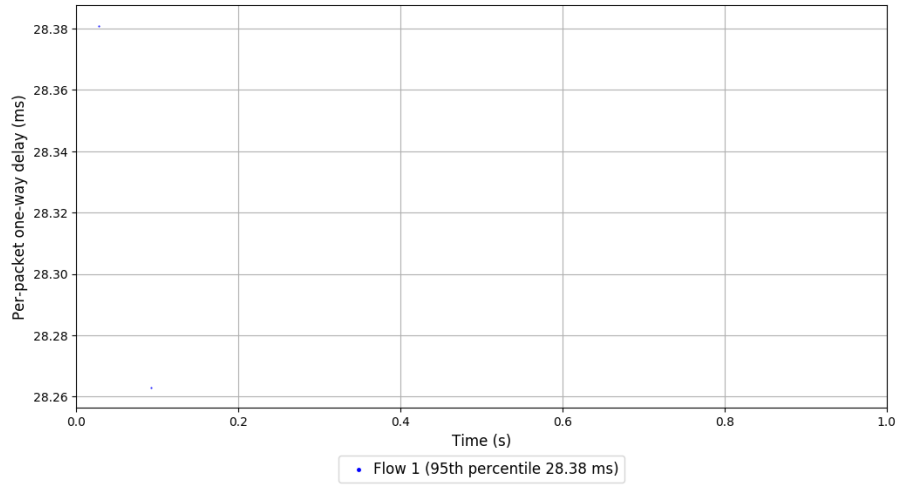
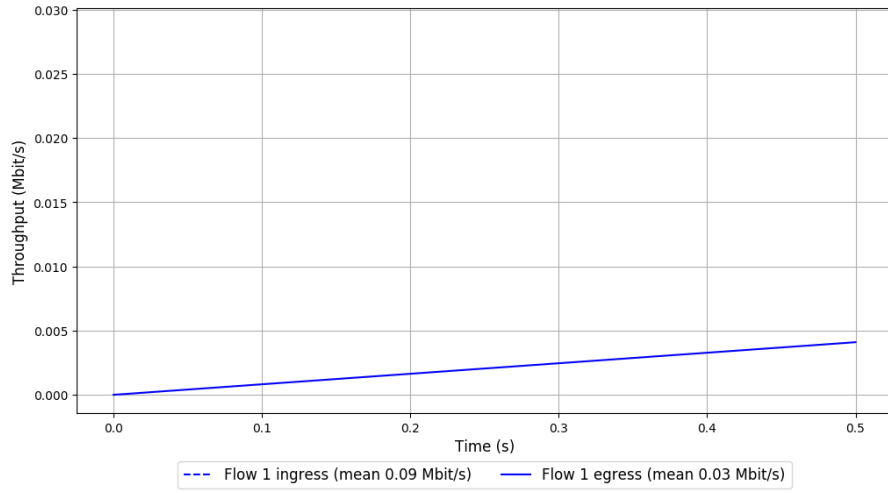
Start at: 2019-04-23 20:31:12

End at: 2019-04-23 20:31:42

Local clock offset: 4.147 ms

Remote clock offset: 2.8 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

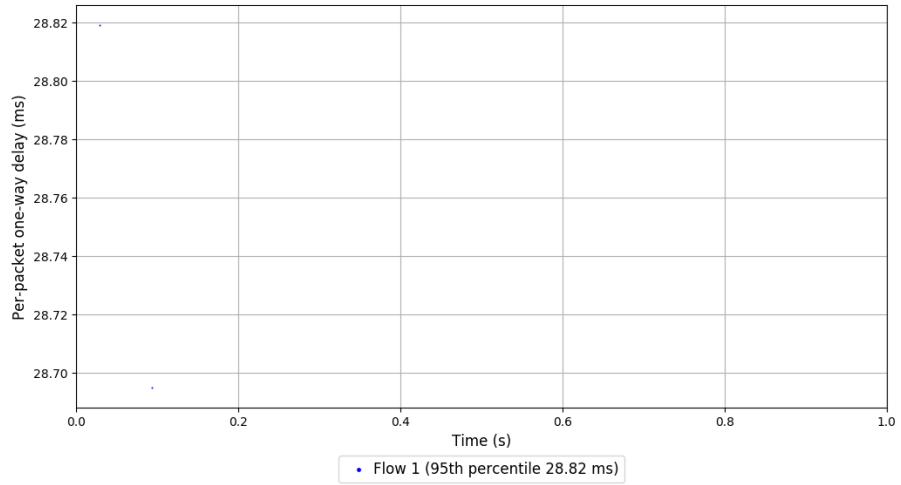
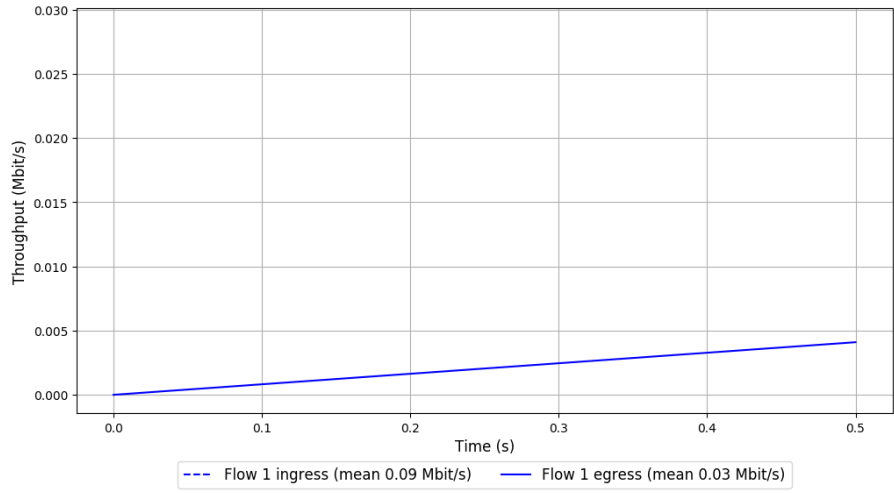
Start at: 2019-04-23 20:57:10

End at: 2019-04-23 20:57:40

Local clock offset: 1.702 ms

Remote clock offset: 3.503 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-04-23 19:18:28

End at: 2019-04-23 19:18:58

Local clock offset: 5.563 ms

Remote clock offset: -3.33 ms

Below is generated by plot.py at 2019-04-23 21:22:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.97 Mbit/s

95th percentile per-packet one-way delay: 58.980 ms

Loss rate: 1.75%

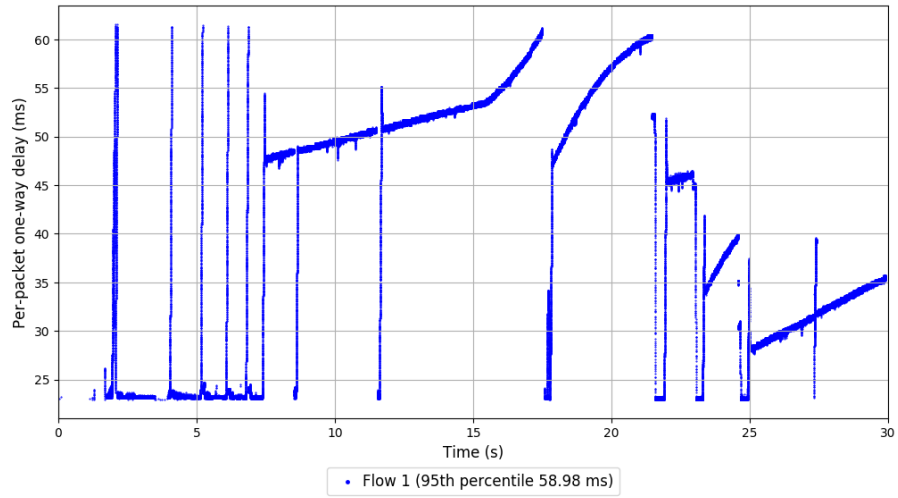
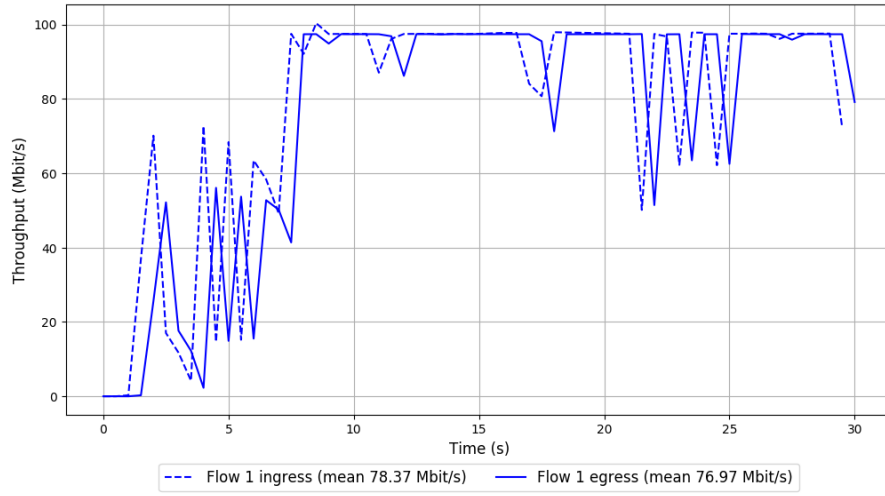
-- Flow 1:

Average throughput: 76.97 Mbit/s

95th percentile per-packet one-way delay: 58.980 ms

Loss rate: 1.75%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-04-23 19:43:24

End at: 2019-04-23 19:43:54

Local clock offset: 3.767 ms

Remote clock offset: 4.67 ms

Below is generated by plot.py at 2019-04-23 21:22:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.64 Mbit/s

95th percentile per-packet one-way delay: 61.137 ms

Loss rate: 1.70%

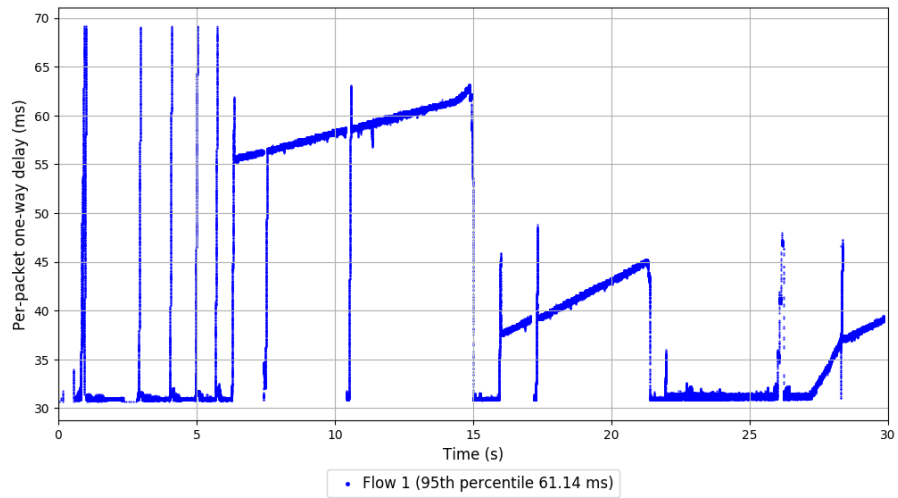
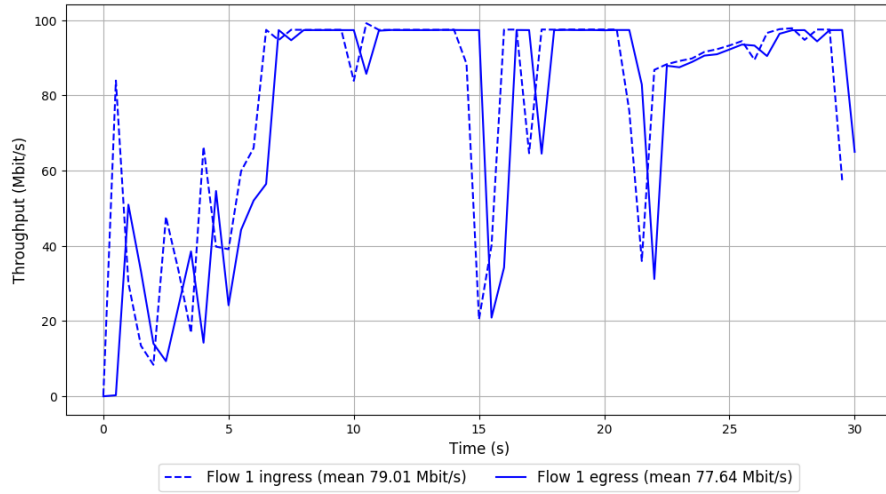
-- Flow 1:

Average throughput: 77.64 Mbit/s

95th percentile per-packet one-way delay: 61.137 ms

Loss rate: 1.70%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-04-23 20:08:42

End at: 2019-04-23 20:09:12

Local clock offset: 1.893 ms

Remote clock offset: 2.629 ms

Below is generated by plot.py at 2019-04-23 21:22:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.89 Mbit/s

95th percentile per-packet one-way delay: 53.883 ms

Loss rate: 2.01%

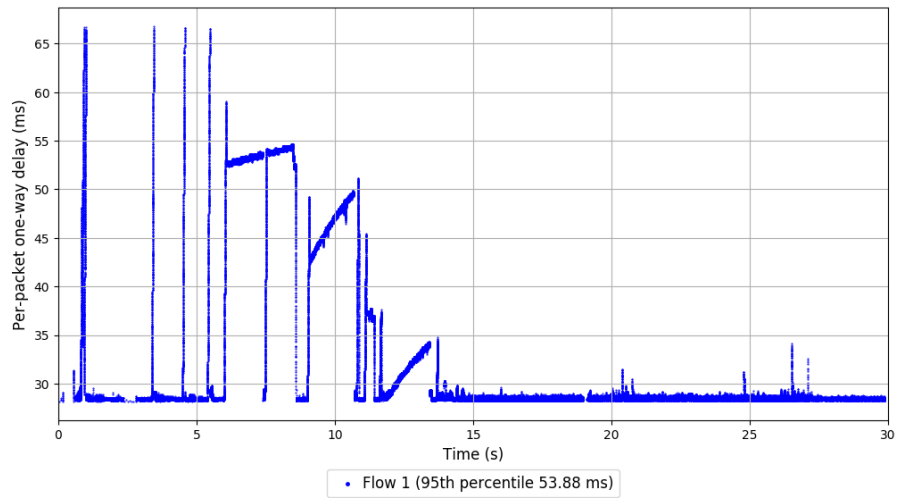
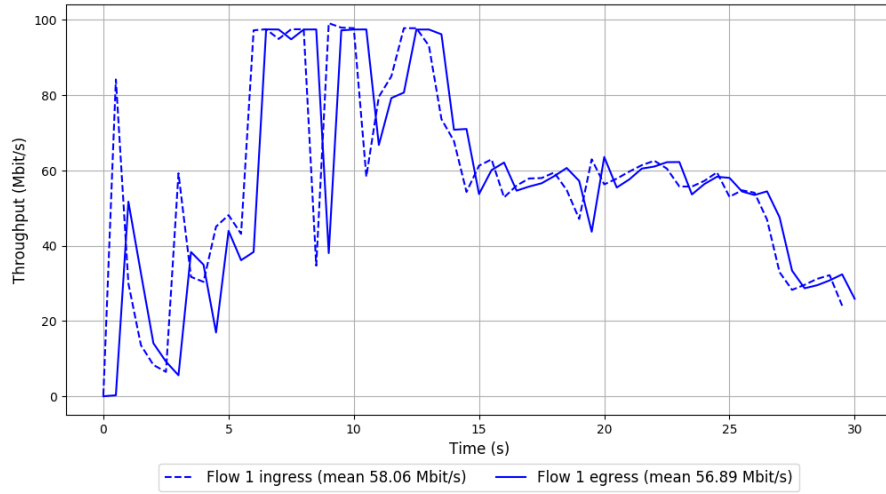
-- Flow 1:

Average throughput: 56.89 Mbit/s

95th percentile per-packet one-way delay: 53.883 ms

Loss rate: 2.01%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-04-23 20:34:40

End at: 2019-04-23 20:35:10

Local clock offset: 4.488 ms

Remote clock offset: 0.802 ms

Below is generated by plot.py at 2019-04-23 21:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.40 Mbit/s

95th percentile per-packet one-way delay: 53.327 ms

Loss rate: 1.87%

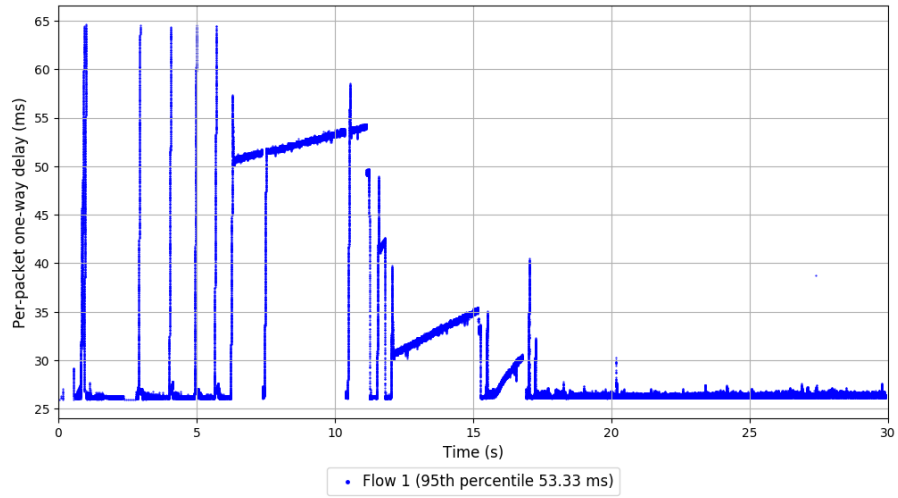
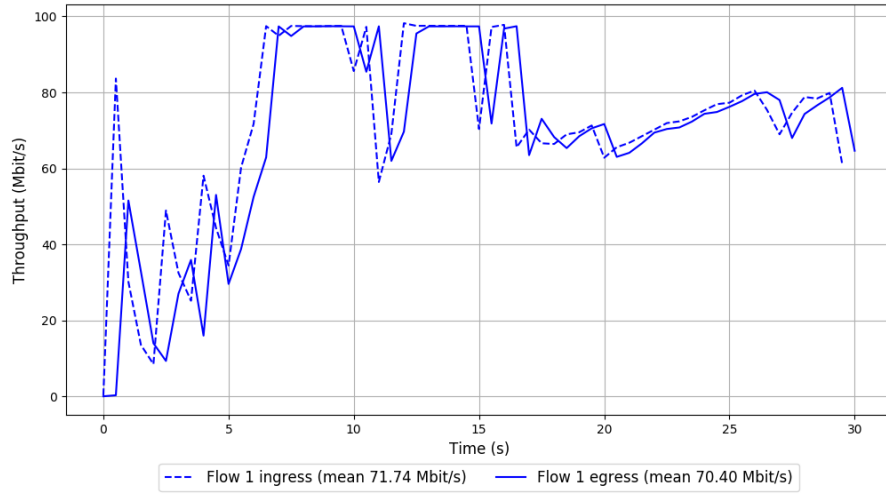
-- Flow 1:

Average throughput: 70.40 Mbit/s

95th percentile per-packet one-way delay: 53.327 ms

Loss rate: 1.87%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-04-23 21:00:38

End at: 2019-04-23 21:01:08

Local clock offset: 1.328 ms

Remote clock offset: 2.503 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.98 Mbit/s

95th percentile per-packet one-way delay: 57.256 ms

Loss rate: 1.72%

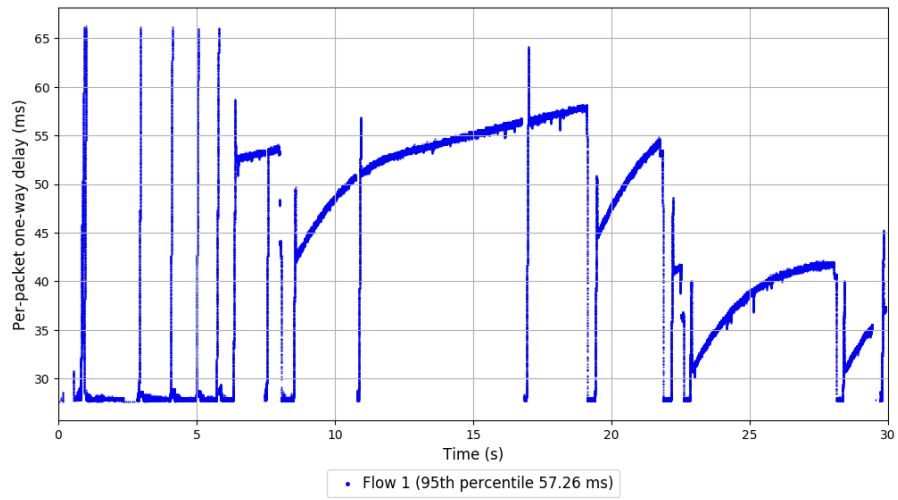
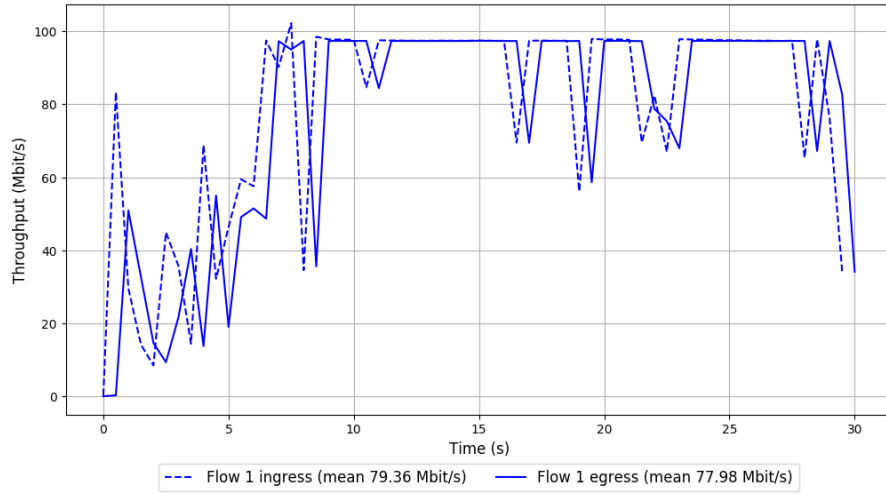
-- Flow 1:

Average throughput: 77.98 Mbit/s

95th percentile per-packet one-way delay: 57.256 ms

Loss rate: 1.72%

Run 5: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2019-04-23 19:19:42

End at: 2019-04-23 19:20:12

Local clock offset: 4.933 ms

Remote clock offset: 4.324 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 31.070 ms

Loss rate: 0.00%

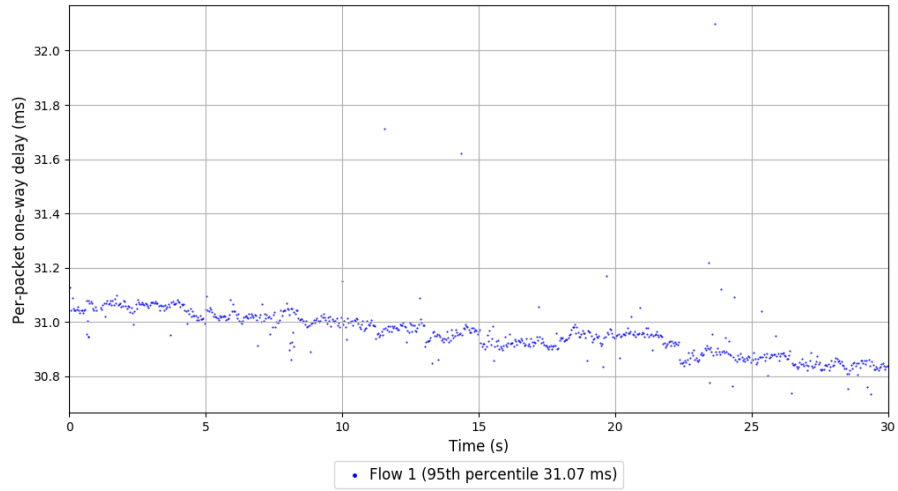
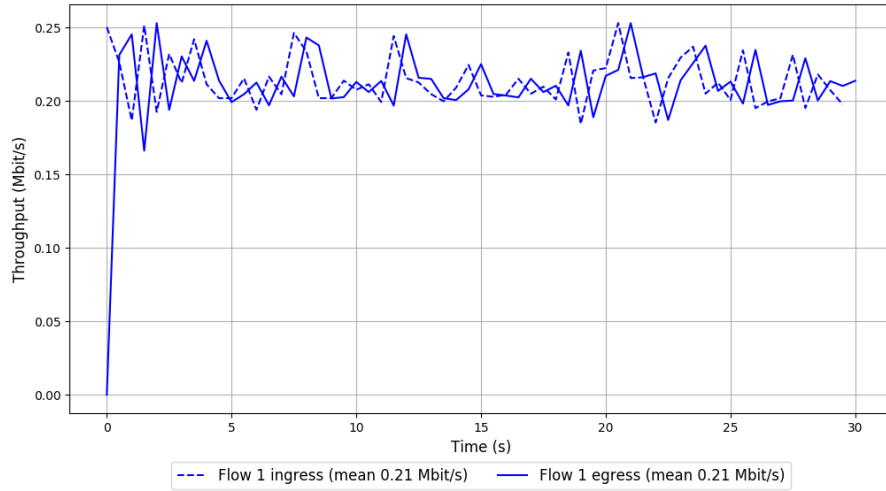
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 31.070 ms

Loss rate: 0.00%

Run 1: Report of SCReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-04-23 19:44:37

End at: 2019-04-23 19:45:07

Local clock offset: 3.842 ms

Remote clock offset: 4.462 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.818 ms

Loss rate: 0.00%

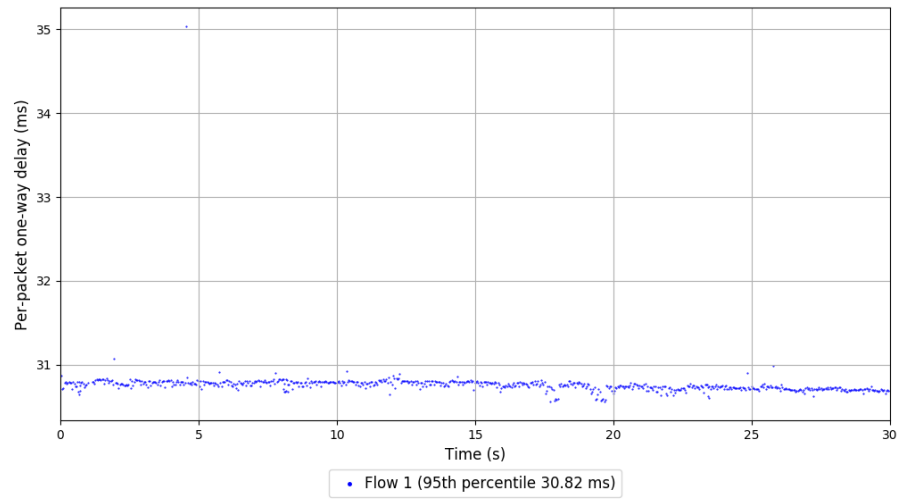
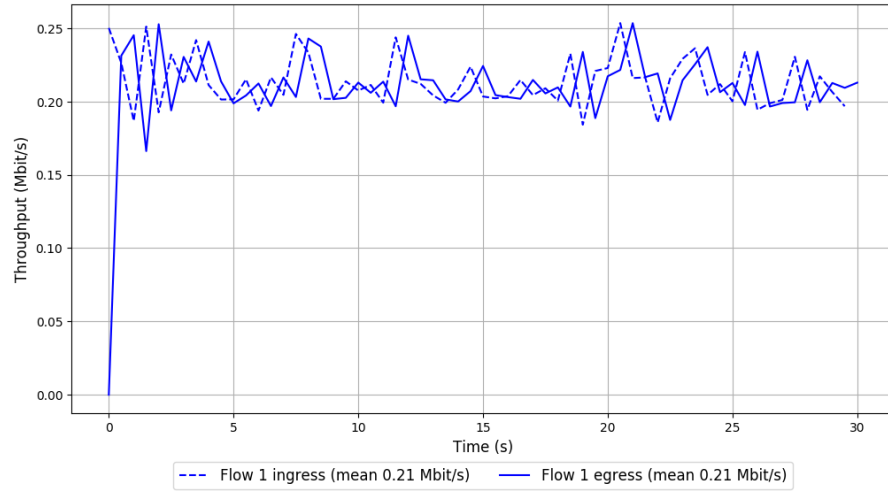
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.818 ms

Loss rate: 0.00%

Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-04-23 20:09:55

End at: 2019-04-23 20:10:25

Local clock offset: 1.95 ms

Remote clock offset: 2.91 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 28.754 ms

Loss rate: 0.00%

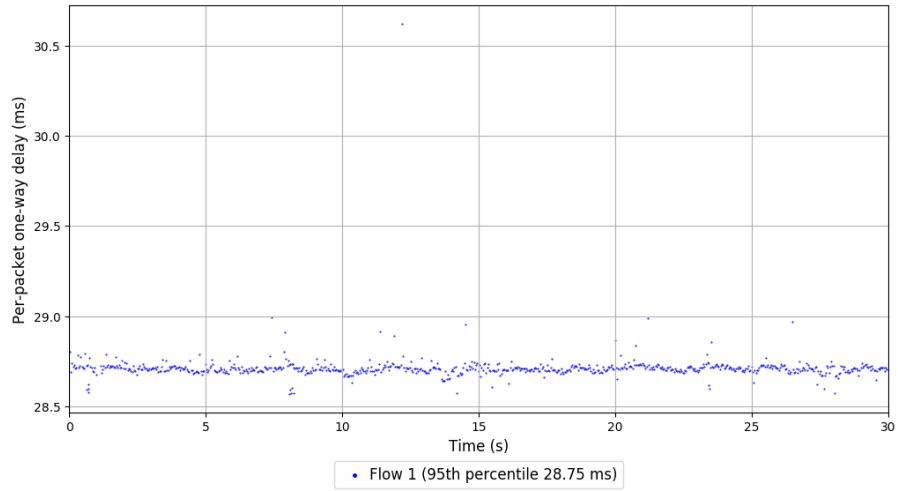
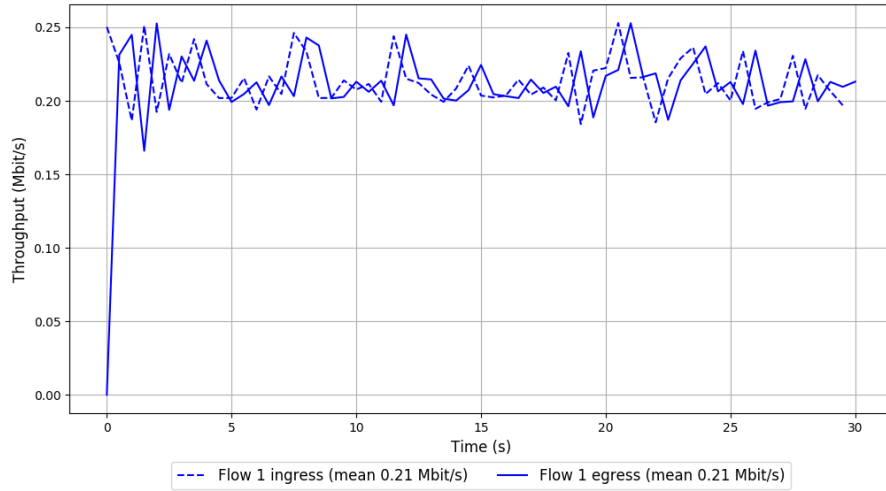
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 28.754 ms

Loss rate: 0.00%

Run 3: Report of SCReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-04-23 20:35:54

End at: 2019-04-23 20:36:25

Local clock offset: 4.57 ms

Remote clock offset: 0.309 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 25.864 ms

Loss rate: 0.00%

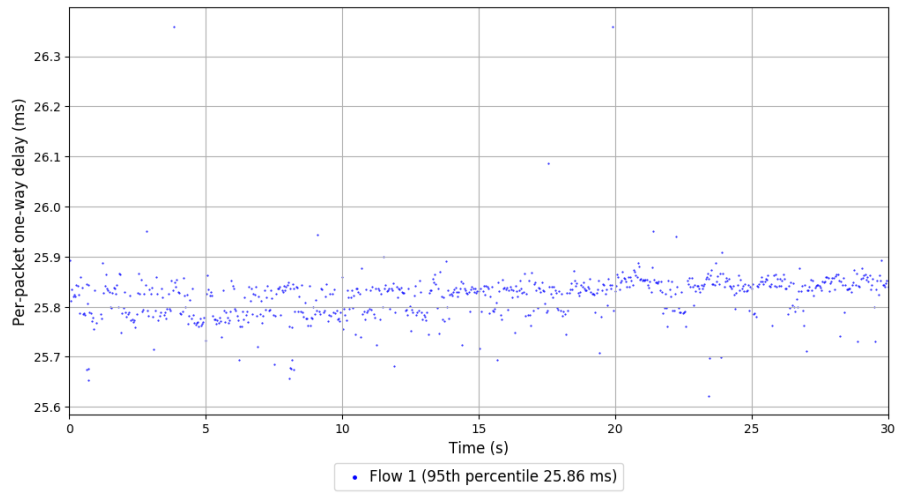
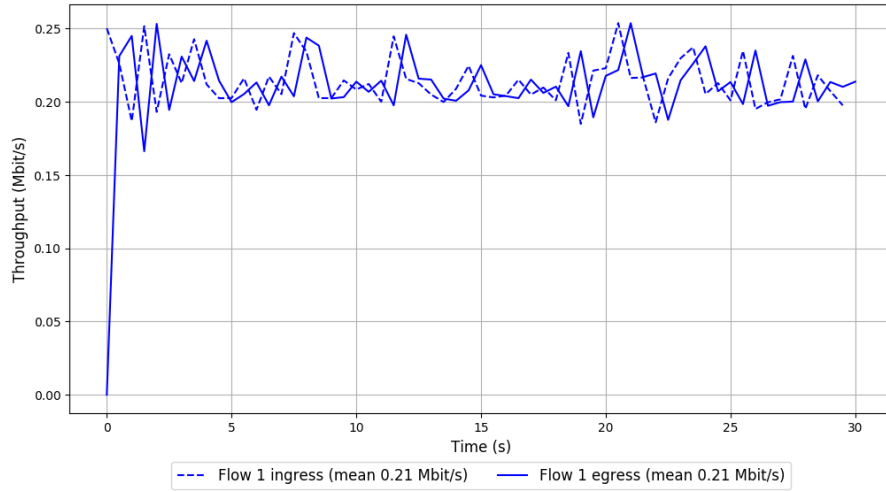
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 25.864 ms

Loss rate: 0.00%

Run 4: Report of SCReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-04-23 21:01:56

End at: 2019-04-23 21:02:26

Local clock offset: 1.255 ms

Remote clock offset: 2.838 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 28.274 ms

Loss rate: 0.00%

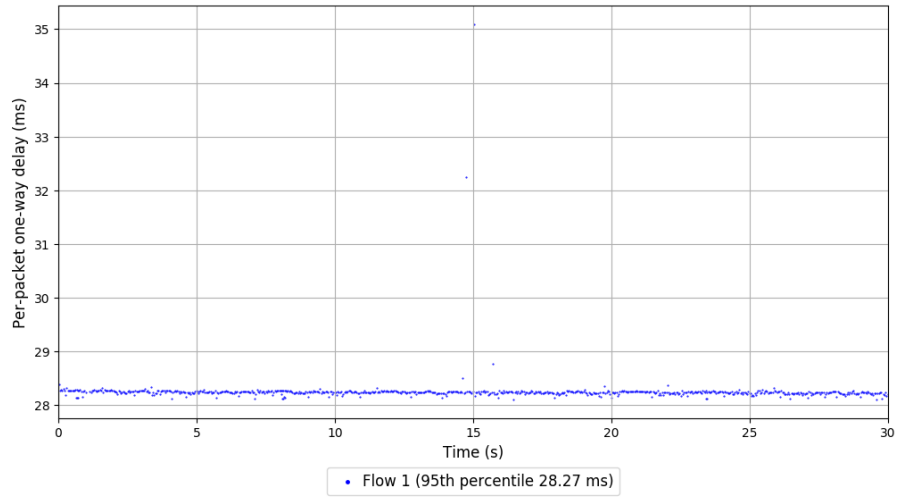
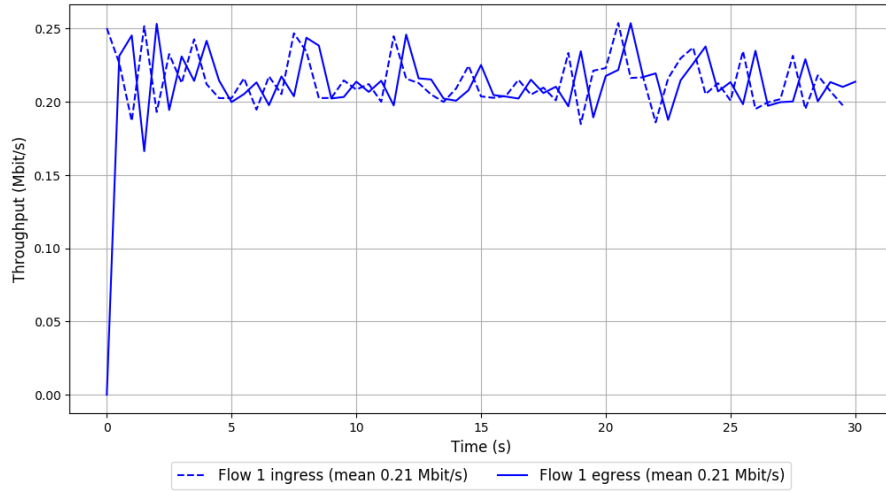
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 28.274 ms

Loss rate: 0.00%

Run 5: Report of SCReAM — Data Link

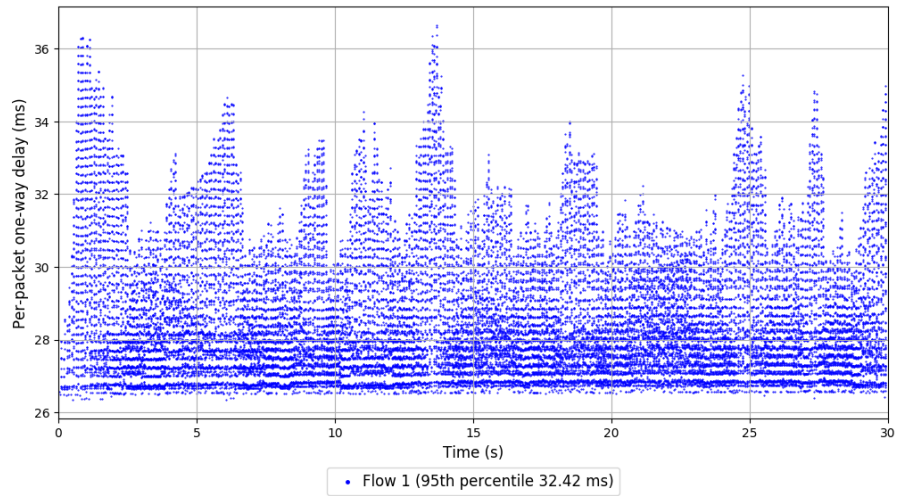
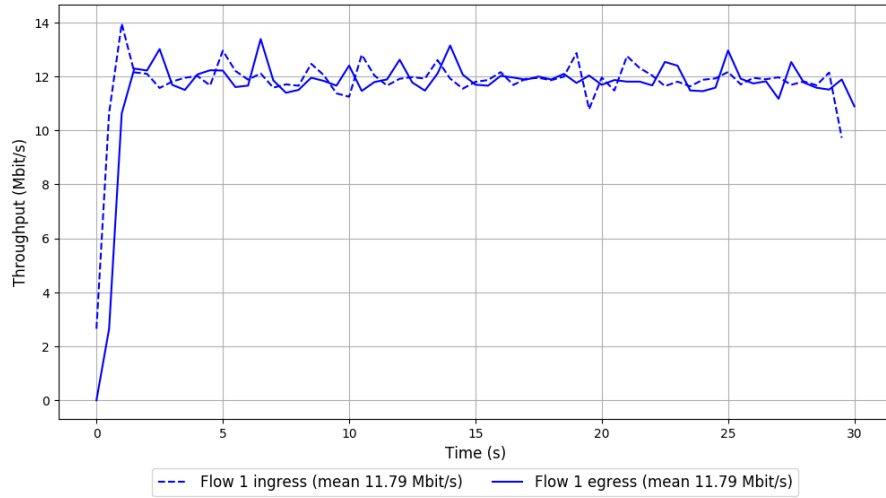


Run 1: Statistics of Sprout

Start at: 2019-04-23 19:13:47
End at: 2019-04-23 19:14:17
Local clock offset: 7.16 ms
Remote clock offset: -0.341 ms

```
# Below is generated by plot.py at 2019-04-23 21:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.79 Mbit/s
95th percentile per-packet one-way delay: 32.420 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.79 Mbit/s
95th percentile per-packet one-way delay: 32.420 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2019-04-23 19:38:50

End at: 2019-04-23 19:39:20

Local clock offset: 3.382 ms

Remote clock offset: 4.418 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.81 Mbit/s

95th percentile per-packet one-way delay: 36.483 ms

Loss rate: 0.09%

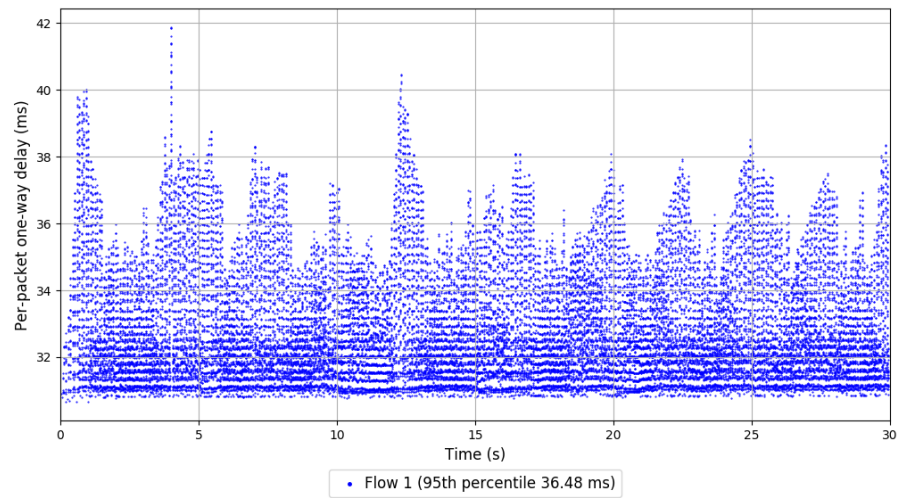
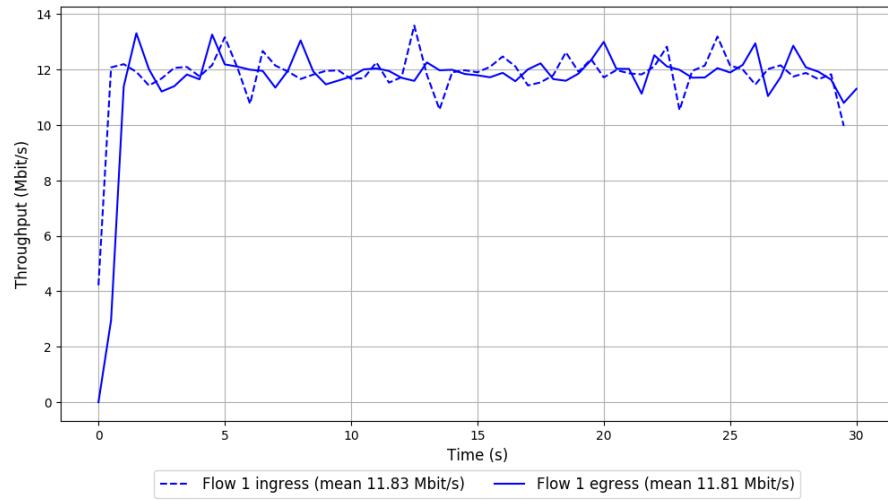
-- Flow 1:

Average throughput: 11.81 Mbit/s

95th percentile per-packet one-way delay: 36.483 ms

Loss rate: 0.09%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2019-04-23 20:04:07

End at: 2019-04-23 20:04:37

Local clock offset: 1.838 ms

Remote clock offset: 0.461 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.80 Mbit/s

95th percentile per-packet one-way delay: 31.925 ms

Loss rate: 0.01%

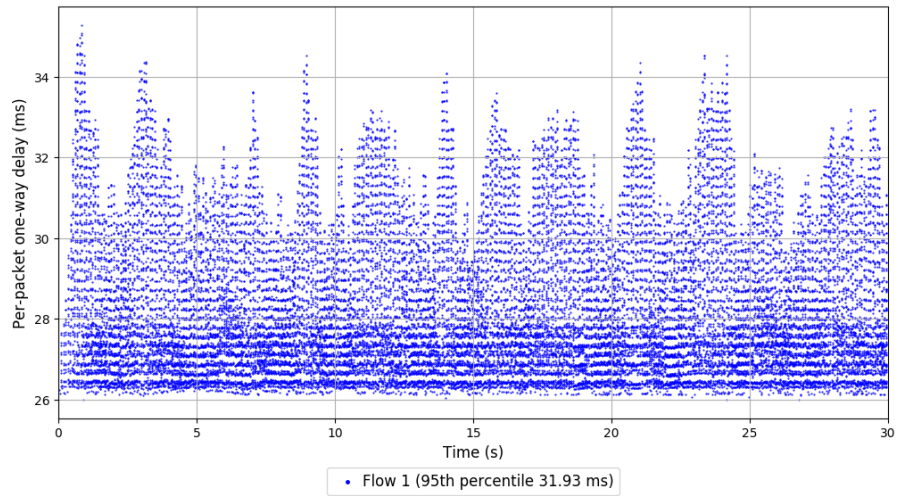
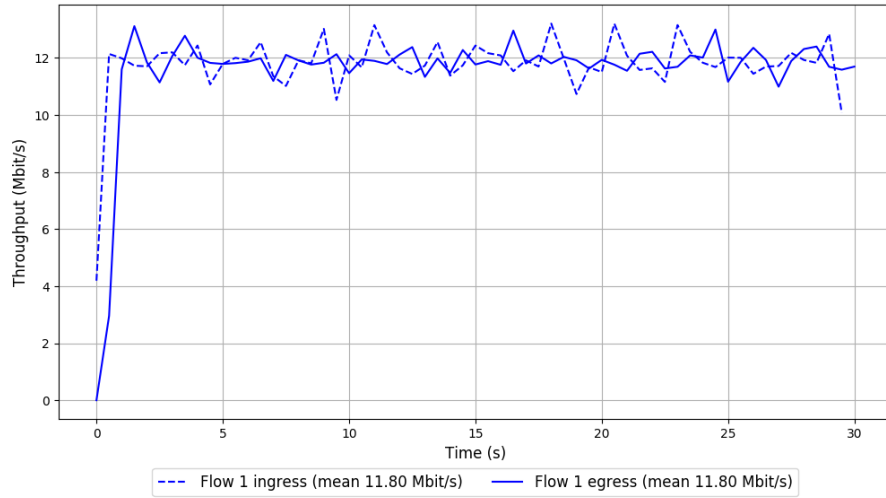
-- Flow 1:

Average throughput: 11.80 Mbit/s

95th percentile per-packet one-way delay: 31.925 ms

Loss rate: 0.01%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-04-23 20:30:05

End at: 2019-04-23 20:30:35

Local clock offset: 4.042 ms

Remote clock offset: 3.022 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.73 Mbit/s

95th percentile per-packet one-way delay: 34.029 ms

Loss rate: 0.07%

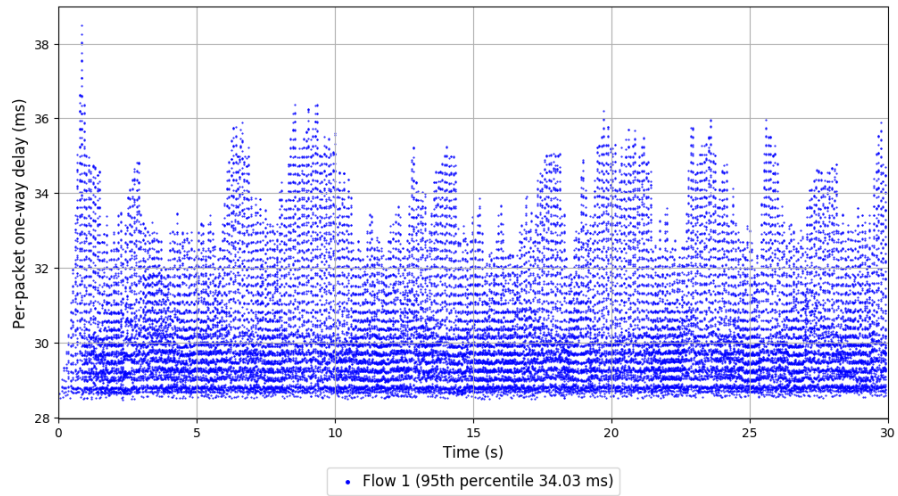
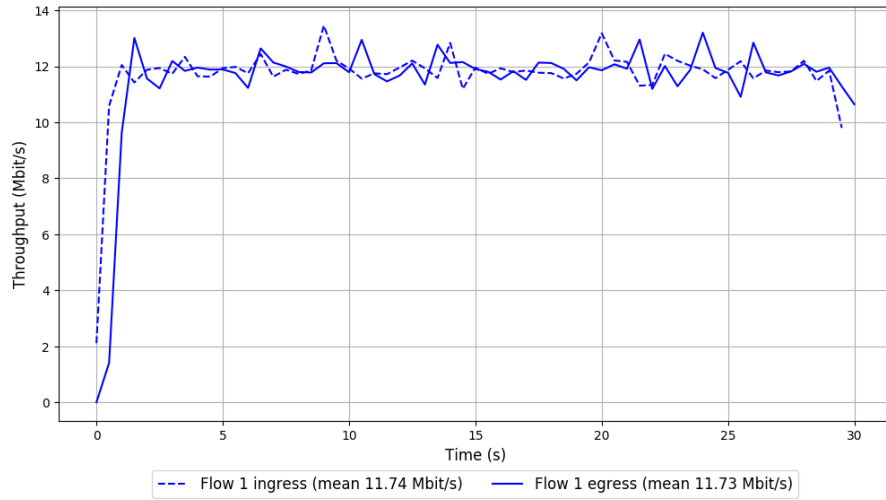
-- Flow 1:

Average throughput: 11.73 Mbit/s

95th percentile per-packet one-way delay: 34.029 ms

Loss rate: 0.07%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-04-23 20:56:03

End at: 2019-04-23 20:56:33

Local clock offset: 1.848 ms

Remote clock offset: 2.837 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.82 Mbit/s

95th percentile per-packet one-way delay: 33.926 ms

Loss rate: 0.00%

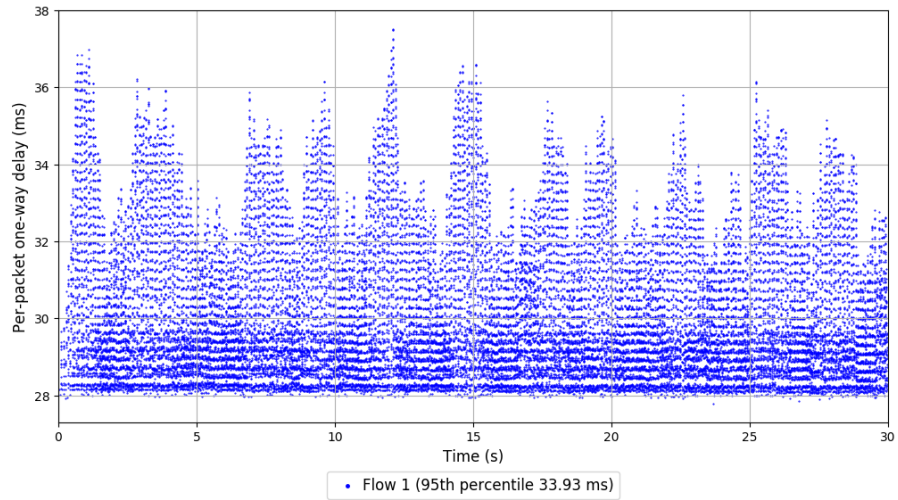
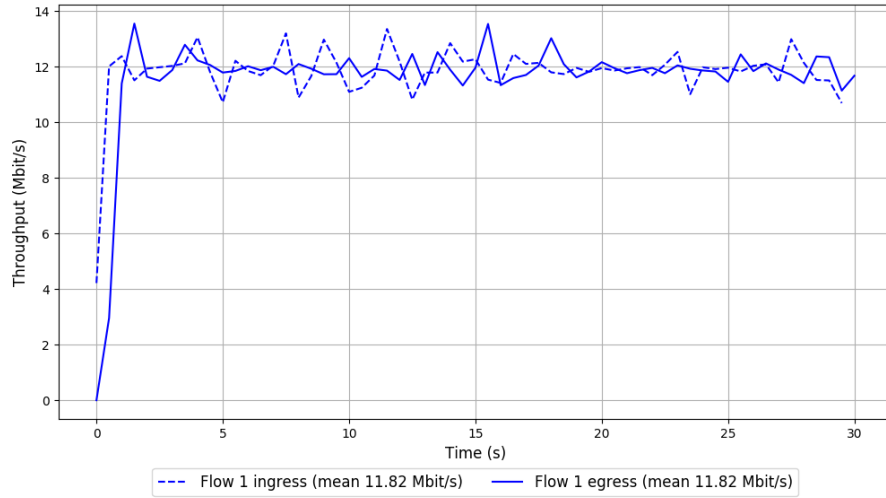
-- Flow 1:

Average throughput: 11.82 Mbit/s

95th percentile per-packet one-way delay: 33.926 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-04-23 19:16:00

End at: 2019-04-23 19:16:30

Local clock offset: 6.901 ms

Remote clock offset: -0.388 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 26.222 ms

Loss rate: 77.50%

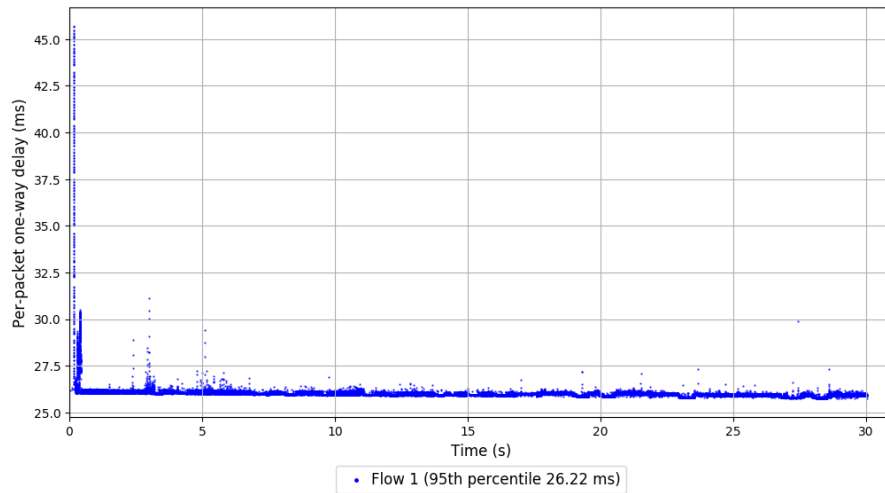
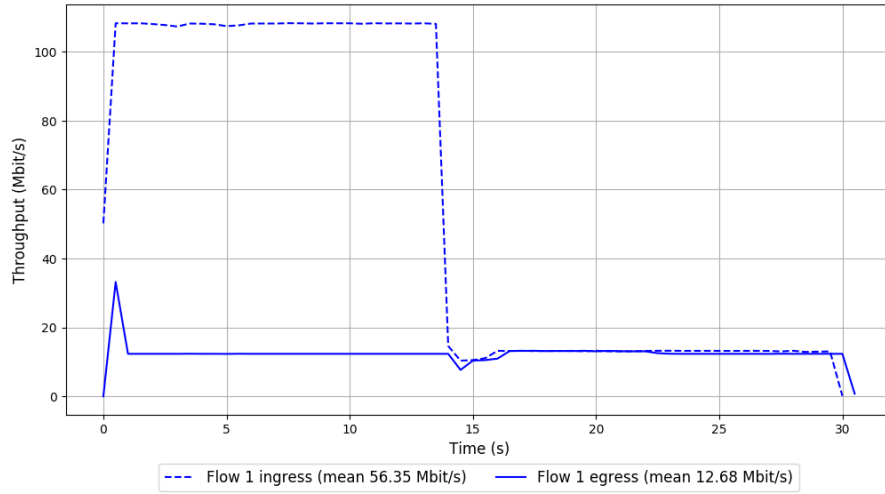
-- Flow 1:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 26.222 ms

Loss rate: 77.50%

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



Run 2: Statistics of TaoVA-100x

Start at: 2019-04-23 19:41:03

End at: 2019-04-23 19:41:33

Local clock offset: 3.562 ms

Remote clock offset: 2.502 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 28.994 ms

Loss rate: 77.56%

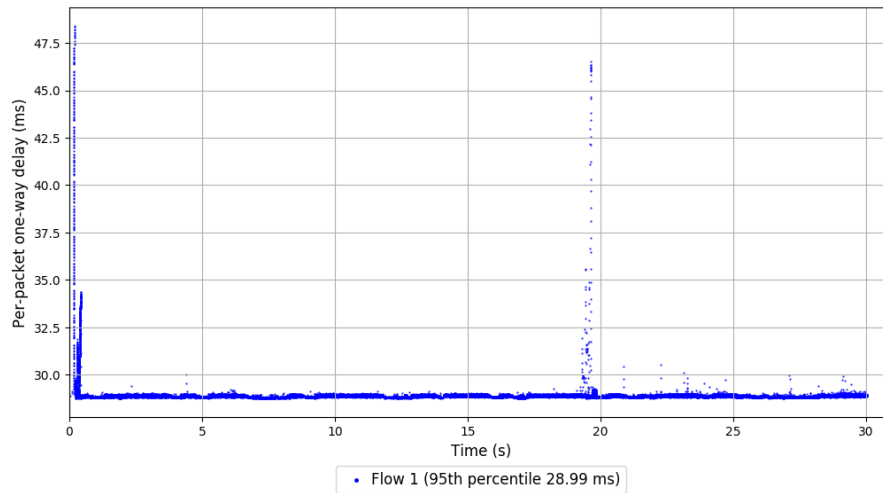
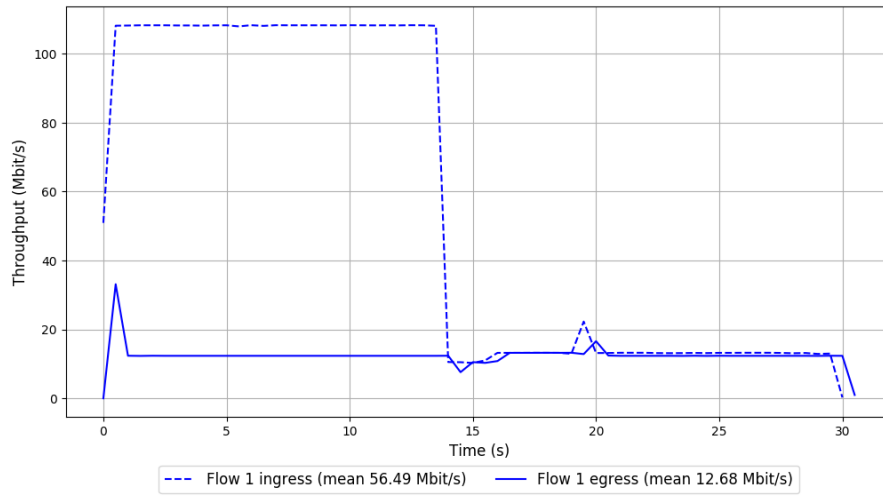
-- Flow 1:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 28.994 ms

Loss rate: 77.56%

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



Run 3: Statistics of TaoVA-100x

Start at: 2019-04-23 20:06:21

End at: 2019-04-23 20:06:51

Local clock offset: 1.829 ms

Remote clock offset: 2.033 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.96 Mbit/s

95th percentile per-packet one-way delay: 27.978 ms

Loss rate: 79.85%

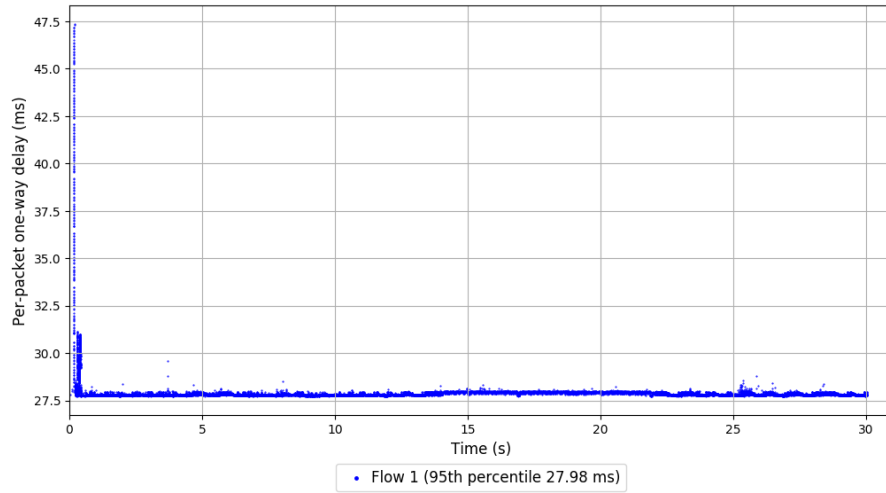
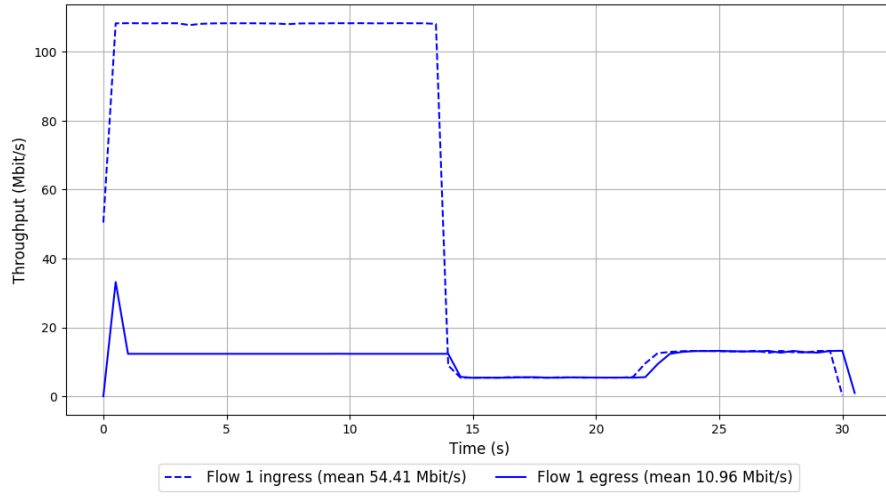
-- Flow 1:

Average throughput: 10.96 Mbit/s

95th percentile per-packet one-way delay: 27.978 ms

Loss rate: 79.85%

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



Run 4: Statistics of TaoVA-100x

Start at: 2019-04-23 20:32:18

End at: 2019-04-23 20:32:48

Local clock offset: 4.248 ms

Remote clock offset: 2.763 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 28.390 ms

Loss rate: 58.60%

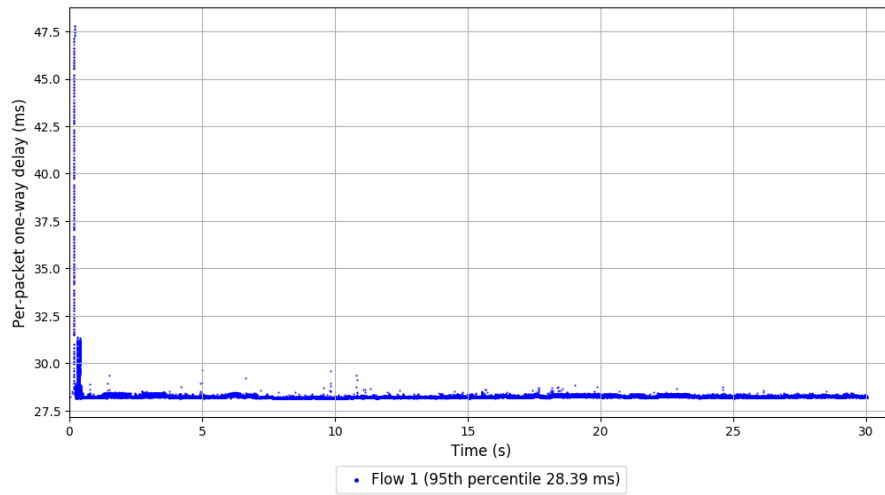
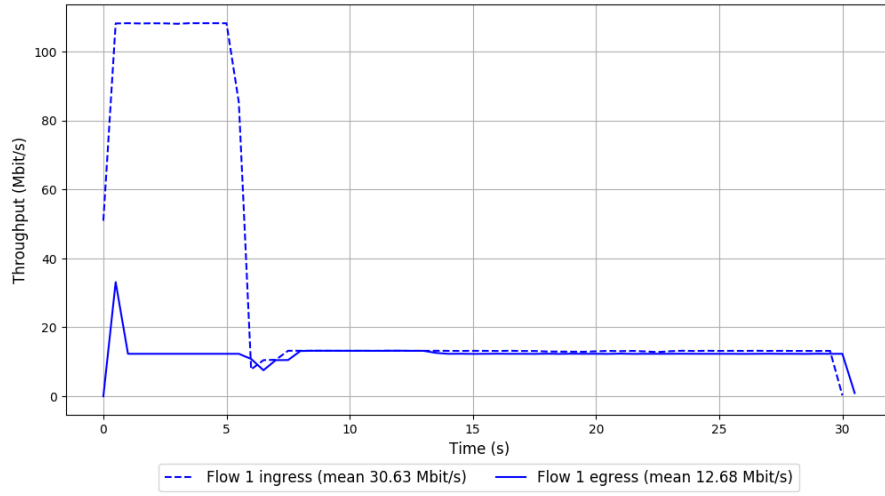
-- Flow 1:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 28.390 ms

Loss rate: 58.60%

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



Run 5: Statistics of TaoVA-100x

Start at: 2019-04-23 20:58:16

End at: 2019-04-23 20:58:46

Local clock offset: 1.577 ms

Remote clock offset: 0.906 ms

Below is generated by plot.py at 2019-04-23 21:23:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 26.297 ms

Loss rate: 77.42%

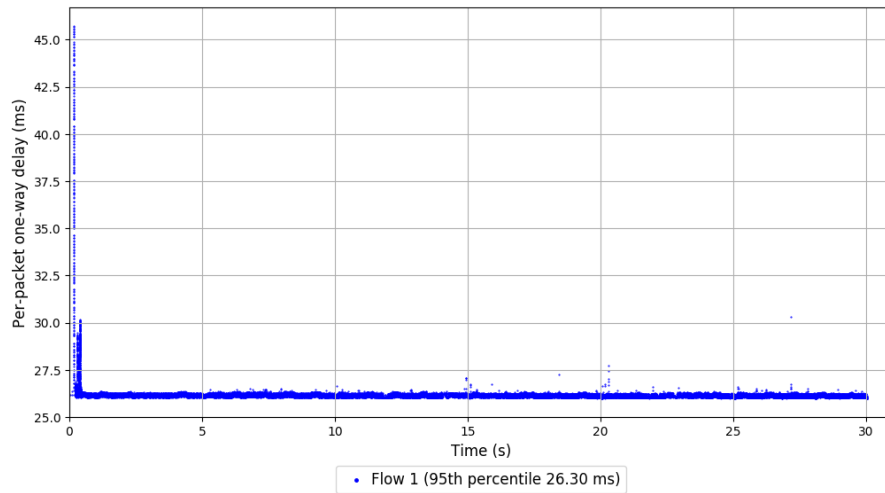
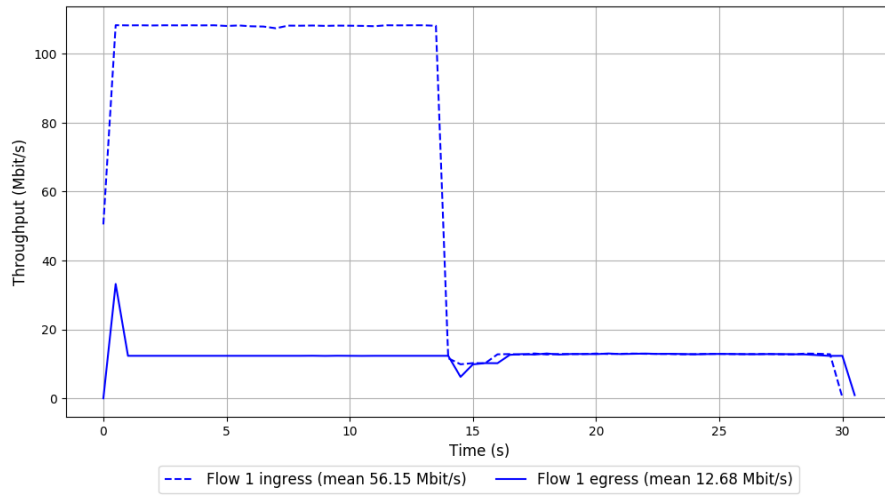
-- Flow 1:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 26.297 ms

Loss rate: 77.42%

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



Run 1: Statistics of TCP Vegas

Start at: 2019-04-23 19:29:14

End at: 2019-04-23 19:29:44

Local clock offset: 3.228 ms

Remote clock offset: 4.579 ms

Below is generated by plot.py at 2019-04-23 21:23:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.91 Mbit/s

95th percentile per-packet one-way delay: 32.524 ms

Loss rate: 0.66%

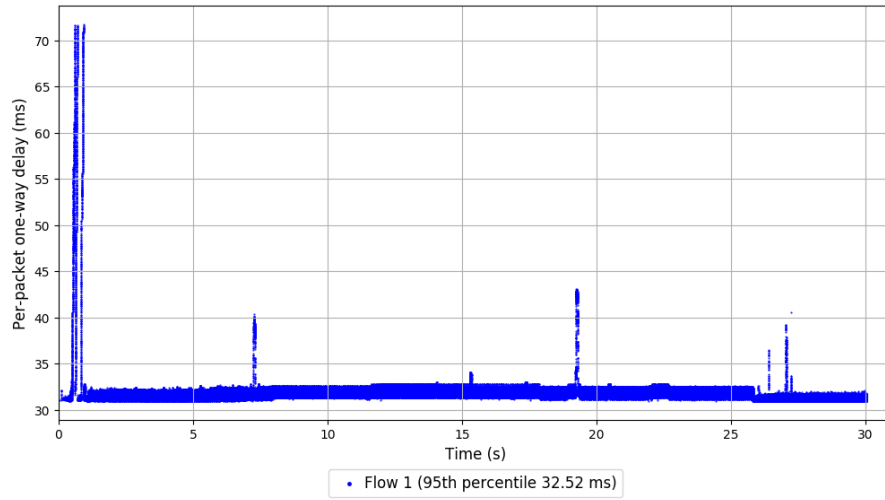
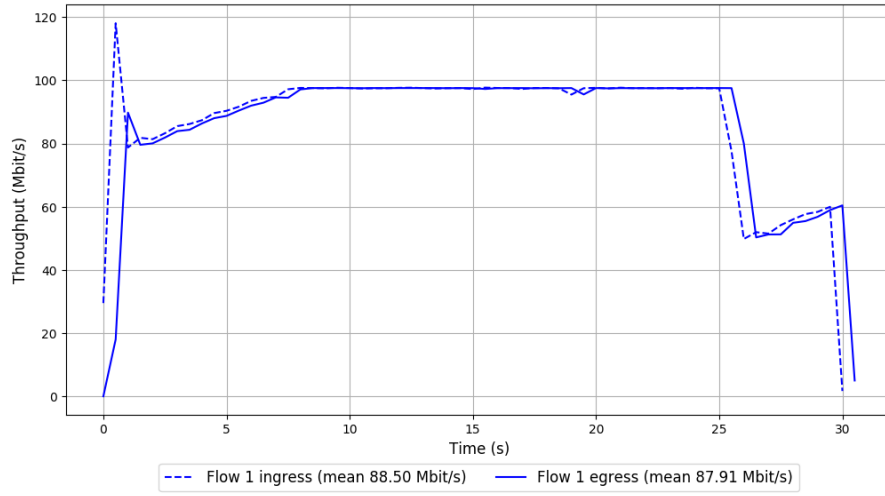
-- Flow 1:

Average throughput: 87.91 Mbit/s

95th percentile per-packet one-way delay: 32.524 ms

Loss rate: 0.66%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-04-23 19:54:19

End at: 2019-04-23 19:54:49

Local clock offset: 2.106 ms

Remote clock offset: 2.872 ms

Below is generated by plot.py at 2019-04-23 21:23:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.95 Mbit/s

95th percentile per-packet one-way delay: 29.670 ms

Loss rate: 1.35%

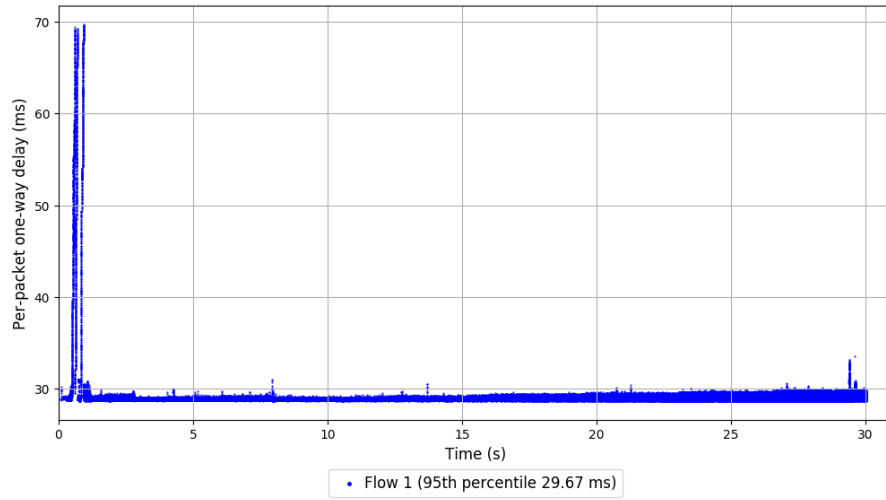
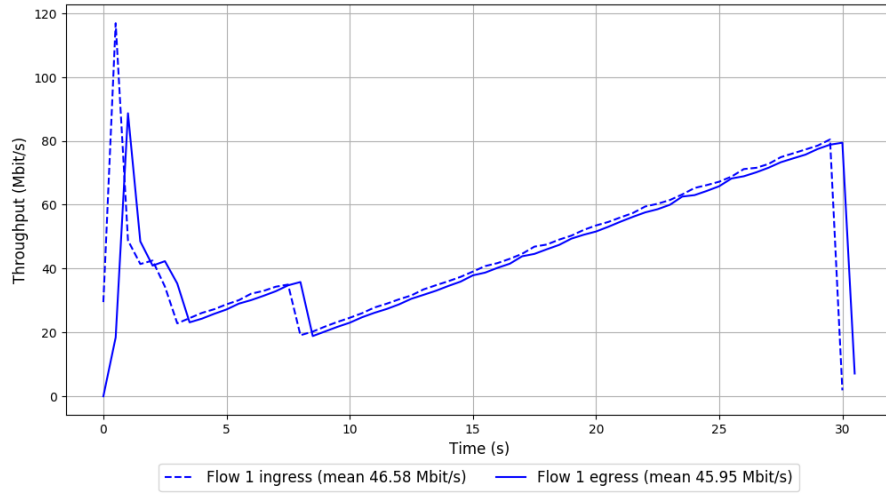
-- Flow 1:

Average throughput: 45.95 Mbit/s

95th percentile per-packet one-way delay: 29.670 ms

Loss rate: 1.35%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-04-23 20:19:43

End at: 2019-04-23 20:20:13

Local clock offset: 2.889 ms

Remote clock offset: 0.585 ms

Below is generated by plot.py at 2019-04-23 21:23:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.07 Mbit/s

95th percentile per-packet one-way delay: 36.768 ms

Loss rate: 0.28%

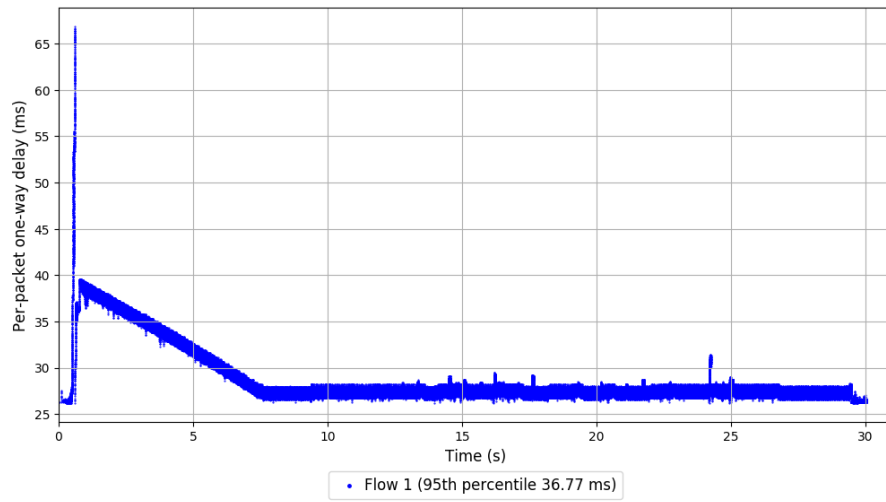
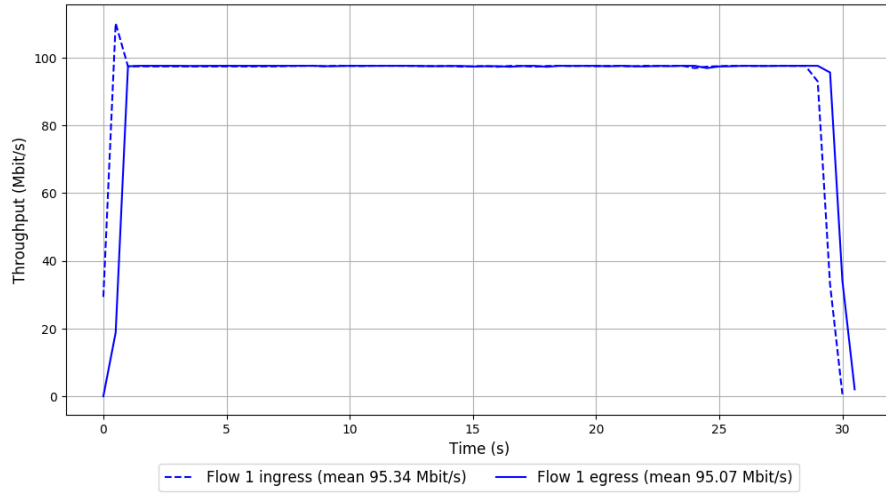
-- Flow 1:

Average throughput: 95.07 Mbit/s

95th percentile per-packet one-way delay: 36.768 ms

Loss rate: 0.28%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-04-23 20:45:51

End at: 2019-04-23 20:46:21

Local clock offset: 5.109 ms

Remote clock offset: 1.245 ms

Below is generated by plot.py at 2019-04-23 21:23:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.18 Mbit/s

95th percentile per-packet one-way delay: 27.350 ms

Loss rate: 0.79%

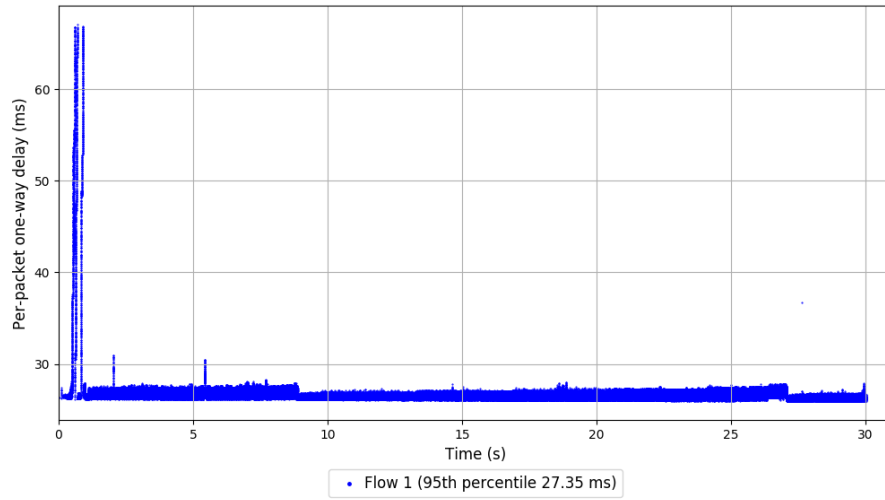
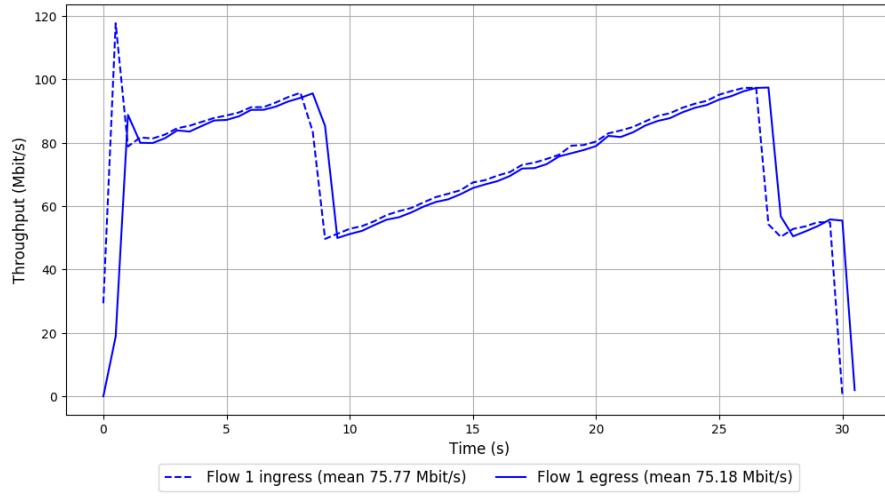
-- Flow 1:

Average throughput: 75.18 Mbit/s

95th percentile per-packet one-way delay: 27.350 ms

Loss rate: 0.79%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-04-23 21:11:40

End at: 2019-04-23 21:12:10

Local clock offset: 0.848 ms

Remote clock offset: 1.091 ms

Below is generated by plot.py at 2019-04-23 21:23:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.98 Mbit/s

95th percentile per-packet one-way delay: 37.267 ms

Loss rate: 0.31%

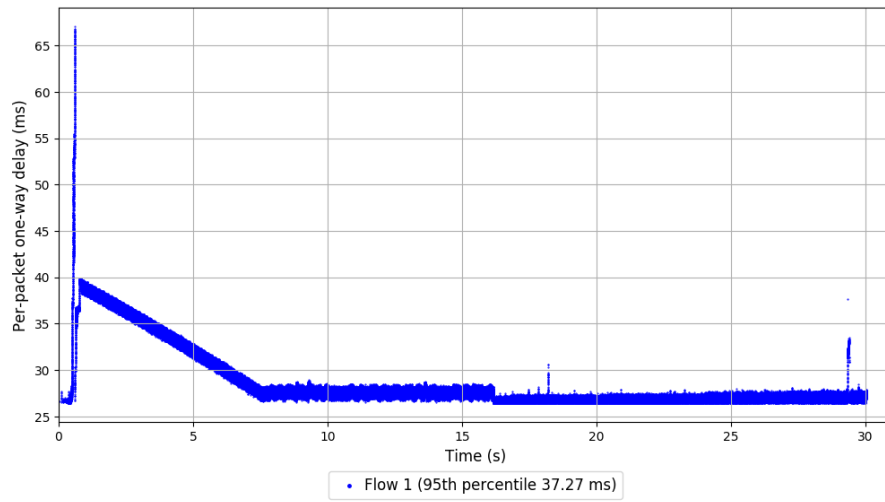
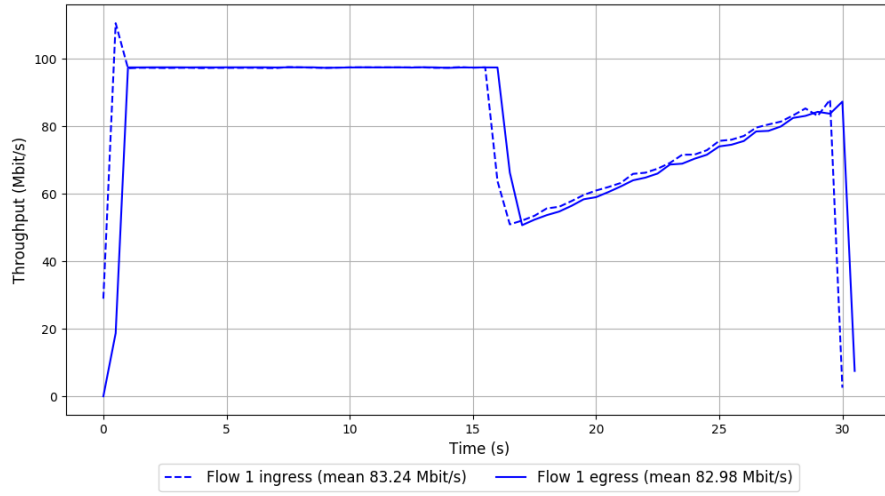
-- Flow 1:

Average throughput: 82.98 Mbit/s

95th percentile per-packet one-way delay: 37.267 ms

Loss rate: 0.31%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-04-23 19:28:02

End at: 2019-04-23 19:28:32

Local clock offset: 3.266 ms

Remote clock offset: 4.673 ms

Below is generated by plot.py at 2019-04-23 21:23:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.06 Mbit/s

95th percentile per-packet one-way delay: 66.639 ms

Loss rate: 23.51%

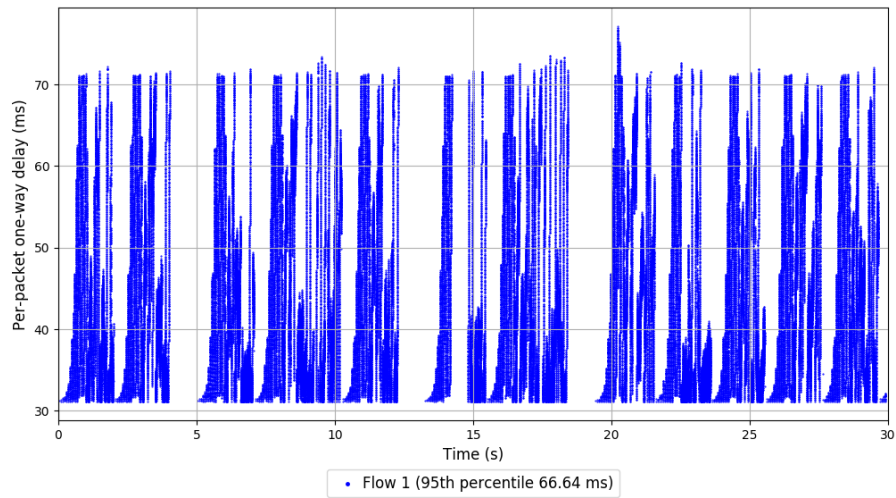
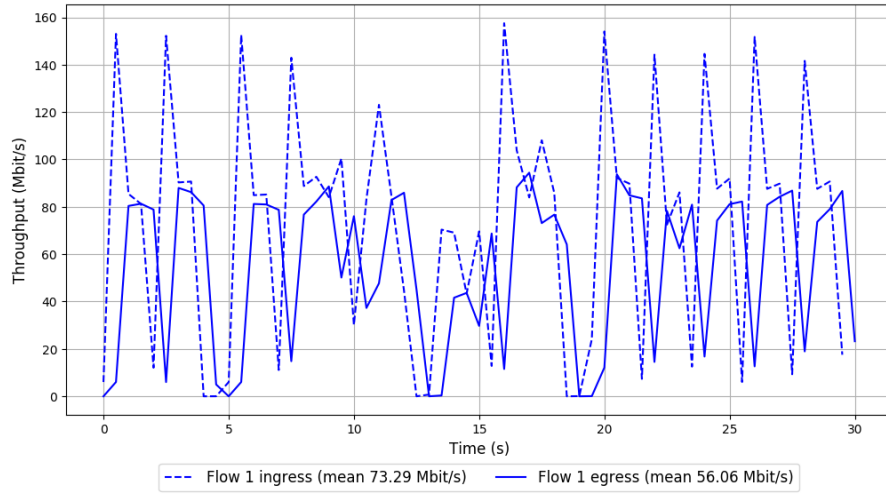
-- Flow 1:

Average throughput: 56.06 Mbit/s

95th percentile per-packet one-way delay: 66.639 ms

Loss rate: 23.51%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-04-23 19:53:05

End at: 2019-04-23 19:53:35

Local clock offset: 2.23 ms

Remote clock offset: 2.53 ms

Below is generated by plot.py at 2019-04-23 21:23:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.70 Mbit/s

95th percentile per-packet one-way delay: 64.209 ms

Loss rate: 25.19%

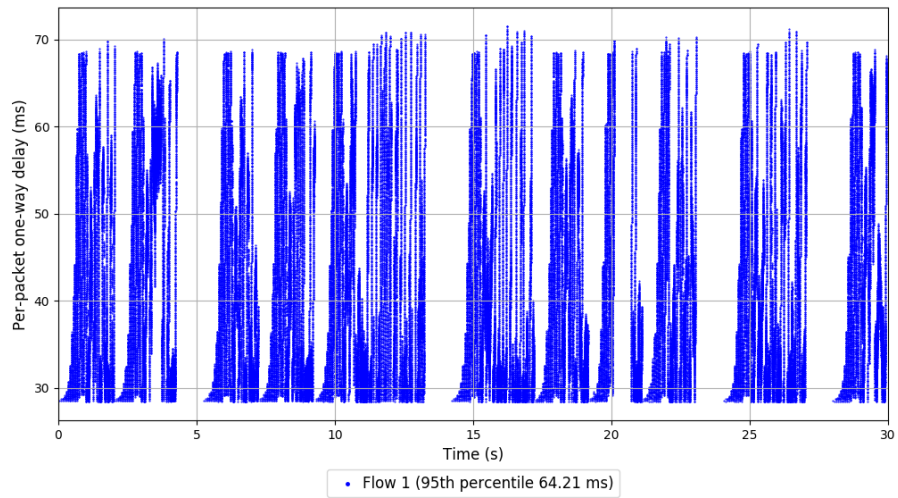
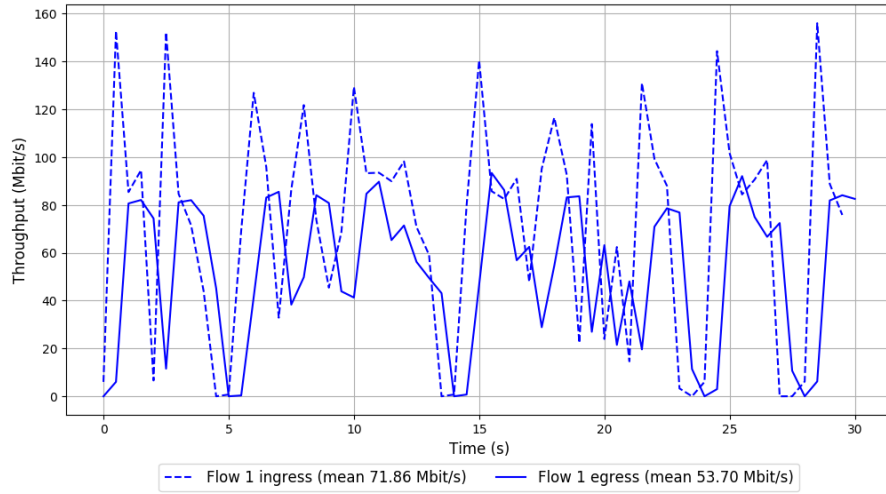
-- Flow 1:

Average throughput: 53.70 Mbit/s

95th percentile per-packet one-way delay: 64.209 ms

Loss rate: 25.19%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-04-23 20:18:30

End at: 2019-04-23 20:19:00

Local clock offset: 2.715 ms

Remote clock offset: 0.383 ms

Below is generated by plot.py at 2019-04-23 21:23:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.91 Mbit/s

95th percentile per-packet one-way delay: 61.542 ms

Loss rate: 22.68%

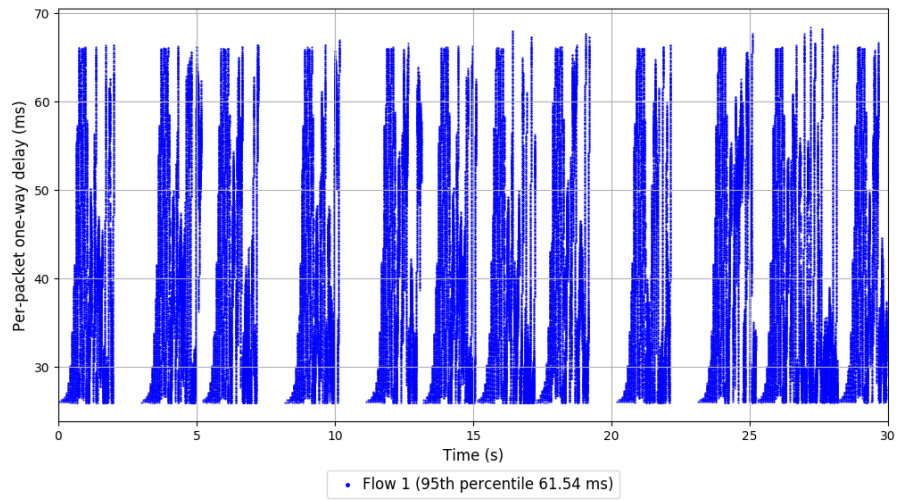
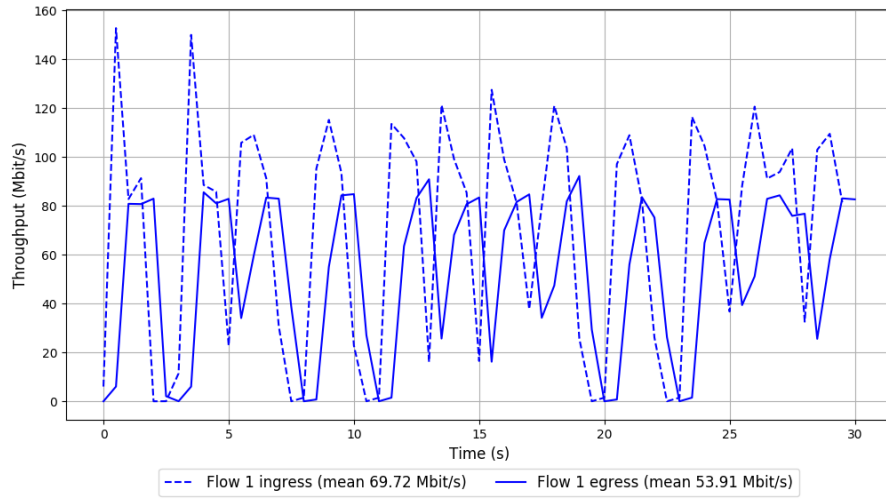
-- Flow 1:

Average throughput: 53.91 Mbit/s

95th percentile per-packet one-way delay: 61.542 ms

Loss rate: 22.68%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-04-23 20:44:37

End at: 2019-04-23 20:45:07

Local clock offset: 5.413 ms

Remote clock offset: 3.025 ms

Below is generated by plot.py at 2019-04-23 21:23:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.59 Mbit/s

95th percentile per-packet one-way delay: 63.561 ms

Loss rate: 22.89%

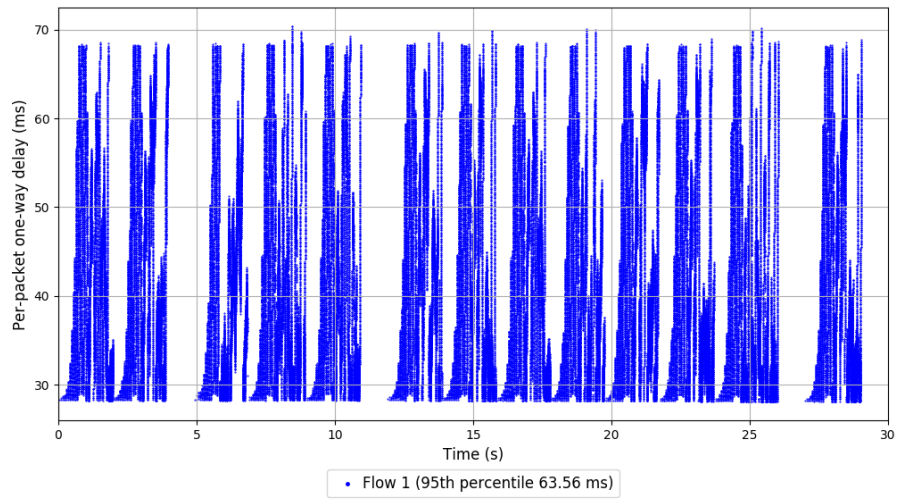
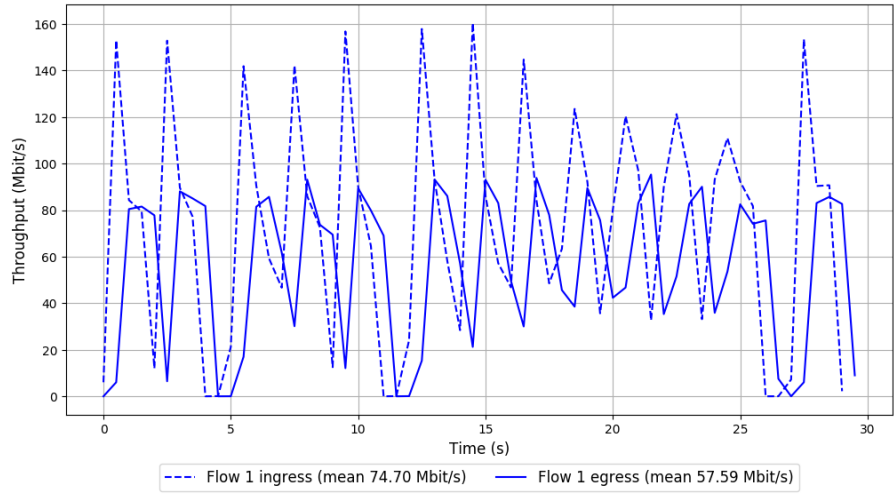
-- Flow 1:

Average throughput: 57.59 Mbit/s

95th percentile per-packet one-way delay: 63.561 ms

Loss rate: 22.89%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-04-23 21:10:27

End at: 2019-04-23 21:10:57

Local clock offset: 0.898 ms

Remote clock offset: 1.088 ms

Below is generated by plot.py at 2019-04-23 21:24:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.14 Mbit/s

95th percentile per-packet one-way delay: 61.731 ms

Loss rate: 22.82%

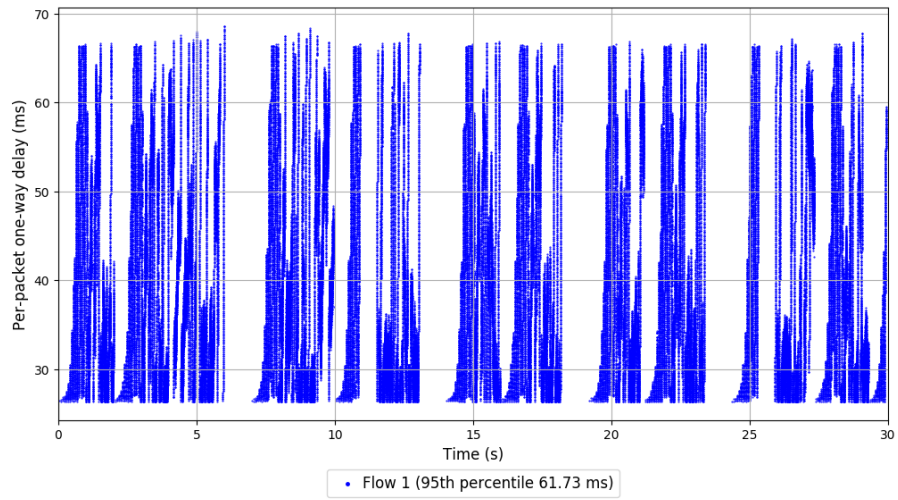
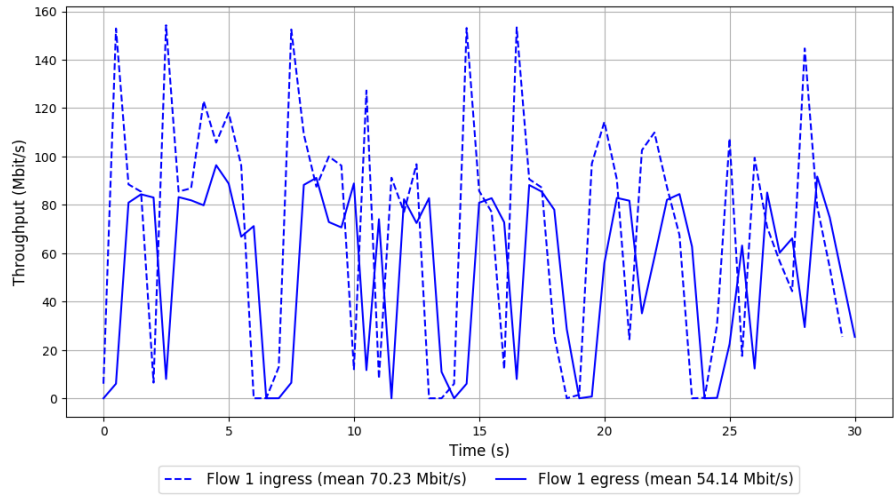
-- Flow 1:

Average throughput: 54.14 Mbit/s

95th percentile per-packet one-way delay: 61.731 ms

Loss rate: 22.82%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-04-23 19:06:38

End at: 2019-04-23 19:07:08

Local clock offset: 6.472 ms

Remote clock offset: -1.326 ms

Below is generated by plot.py at 2019-04-23 21:24:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.22 Mbit/s

95th percentile per-packet one-way delay: 28.106 ms

Loss rate: 0.00%

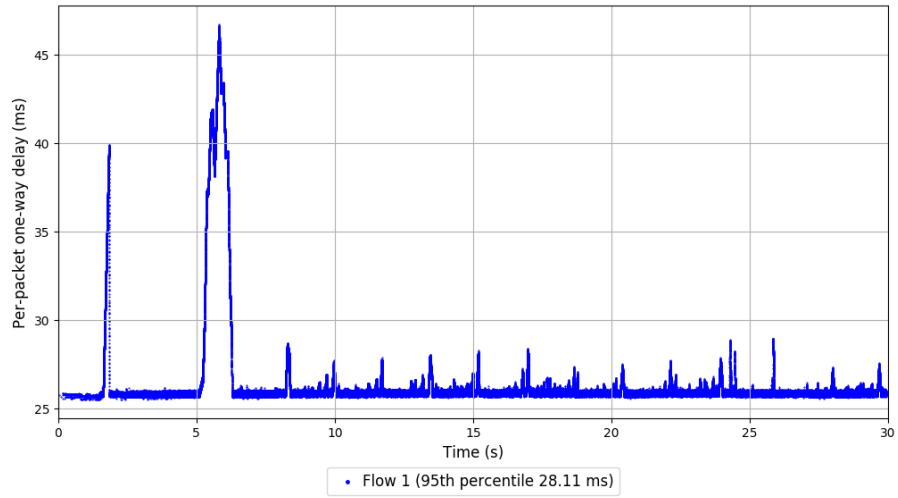
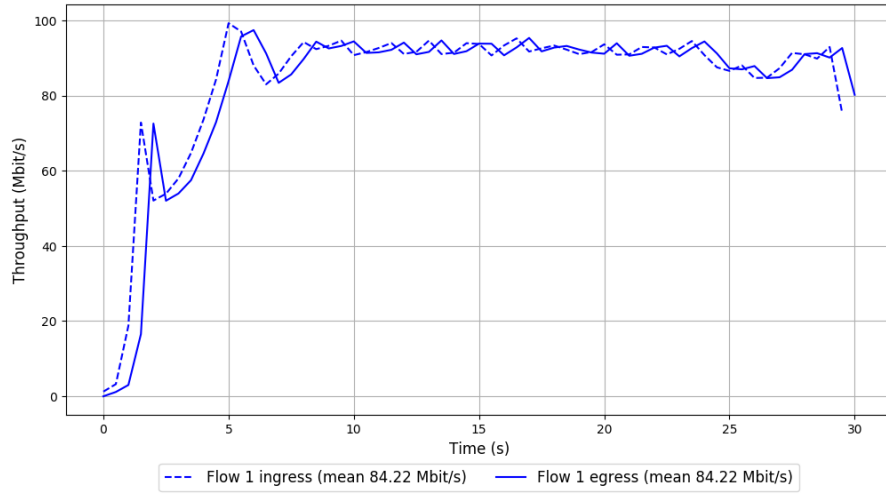
-- Flow 1:

Average throughput: 84.22 Mbit/s

95th percentile per-packet one-way delay: 28.106 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-04-23 19:31:33

End at: 2019-04-23 19:32:03

Local clock offset: 3.142 ms

Remote clock offset: 2.448 ms

Below is generated by plot.py at 2019-04-23 21:24:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.19 Mbit/s

95th percentile per-packet one-way delay: 31.472 ms

Loss rate: 0.00%

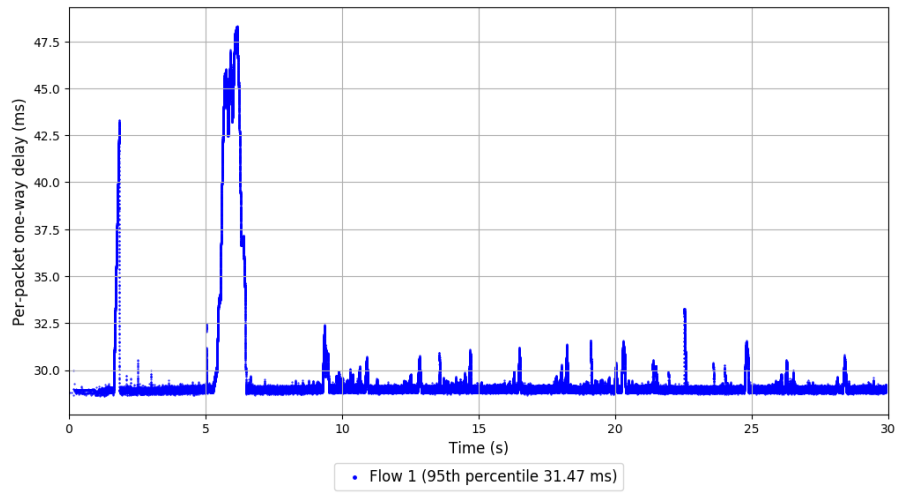
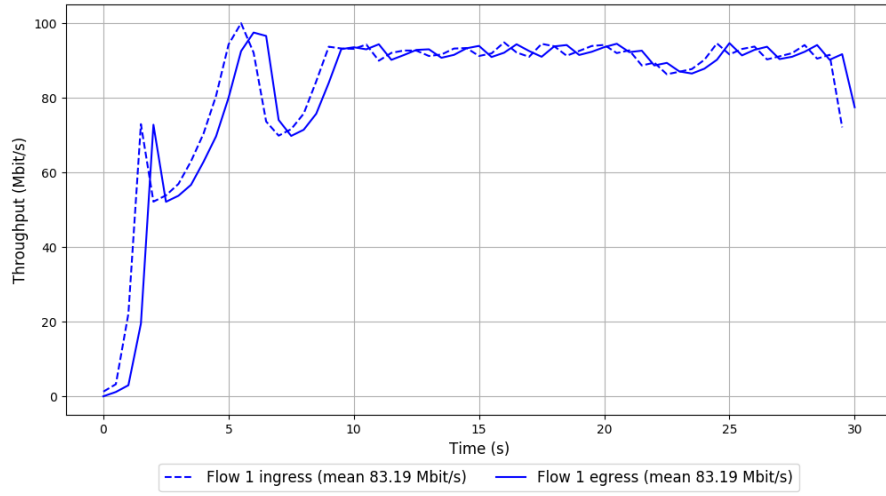
-- Flow 1:

Average throughput: 83.19 Mbit/s

95th percentile per-packet one-way delay: 31.472 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-04-23 19:56:34

End at: 2019-04-23 19:57:04

Local clock offset: 1.947 ms

Remote clock offset: 2.433 ms

Below is generated by plot.py at 2019-04-23 21:24:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.52 Mbit/s

95th percentile per-packet one-way delay: 29.987 ms

Loss rate: 0.00%

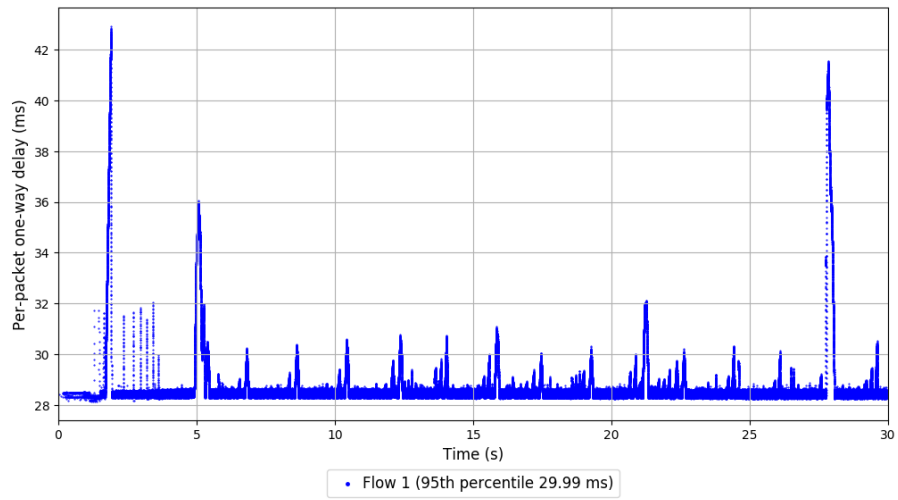
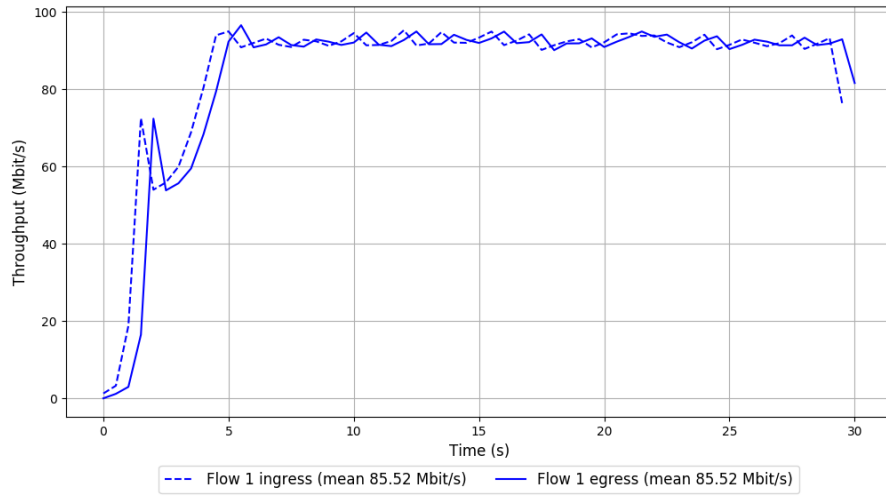
-- Flow 1:

Average throughput: 85.52 Mbit/s

95th percentile per-packet one-way delay: 29.987 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-04-23 20:22:04

End at: 2019-04-23 20:22:34

Local clock offset: 3.175 ms

Remote clock offset: 0.175 ms

Below is generated by plot.py at 2019-04-23 21:24:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.00 Mbit/s

95th percentile per-packet one-way delay: 31.868 ms

Loss rate: 0.00%

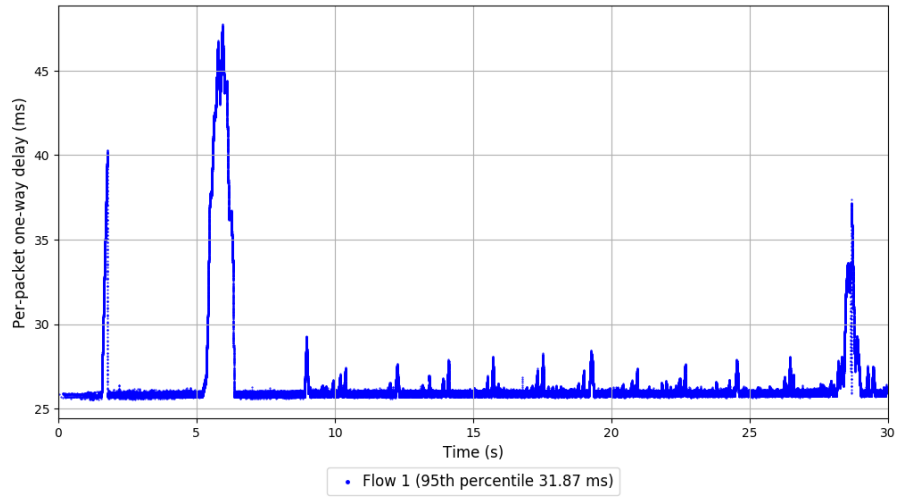
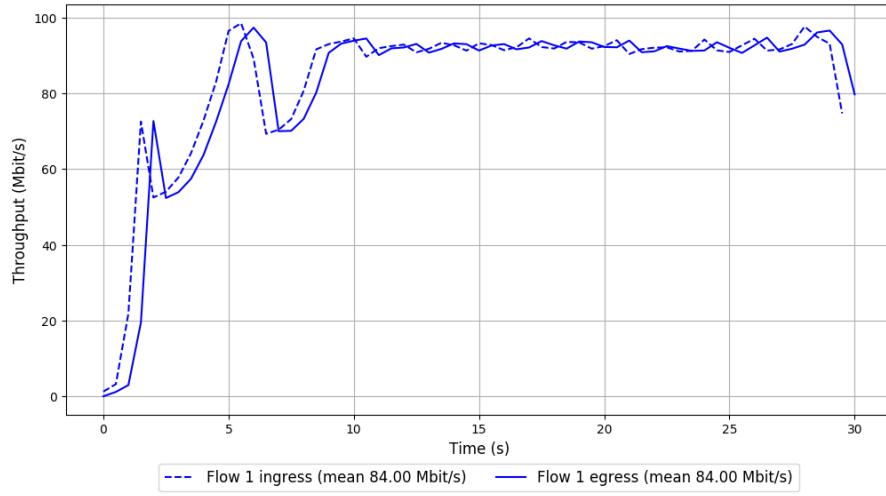
-- Flow 1:

Average throughput: 84.00 Mbit/s

95th percentile per-packet one-way delay: 31.868 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-04-23 20:48:11

End at: 2019-04-23 20:48:42

Local clock offset: 3.915 ms

Remote clock offset: 0.848 ms

Below is generated by plot.py at 2019-04-23 21:24:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.55 Mbit/s

95th percentile per-packet one-way delay: 28.314 ms

Loss rate: 0.00%

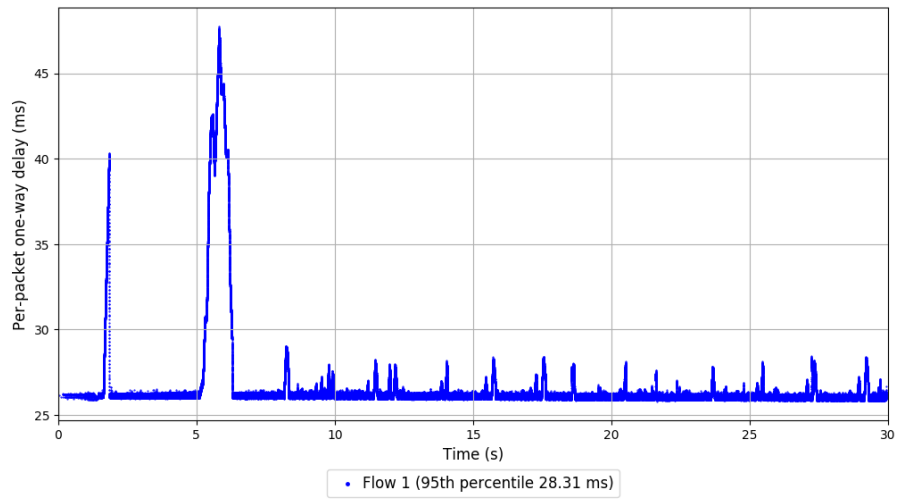
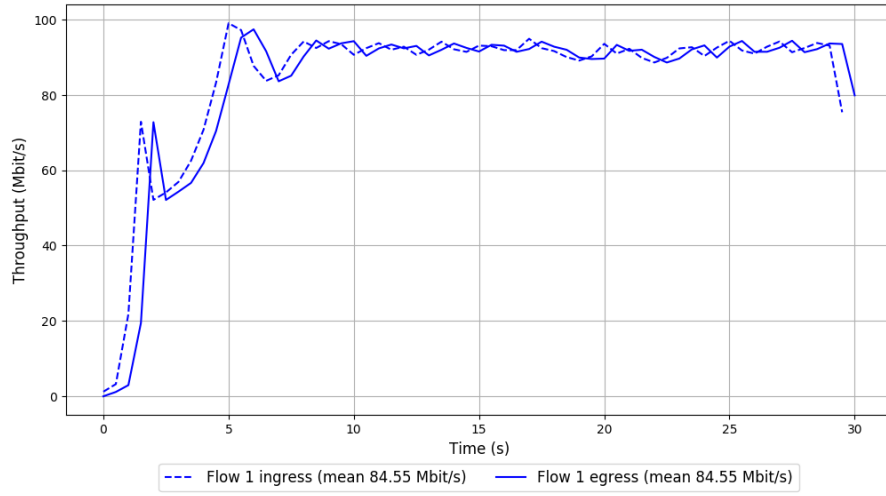
-- Flow 1:

Average throughput: 84.55 Mbit/s

95th percentile per-packet one-way delay: 28.314 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

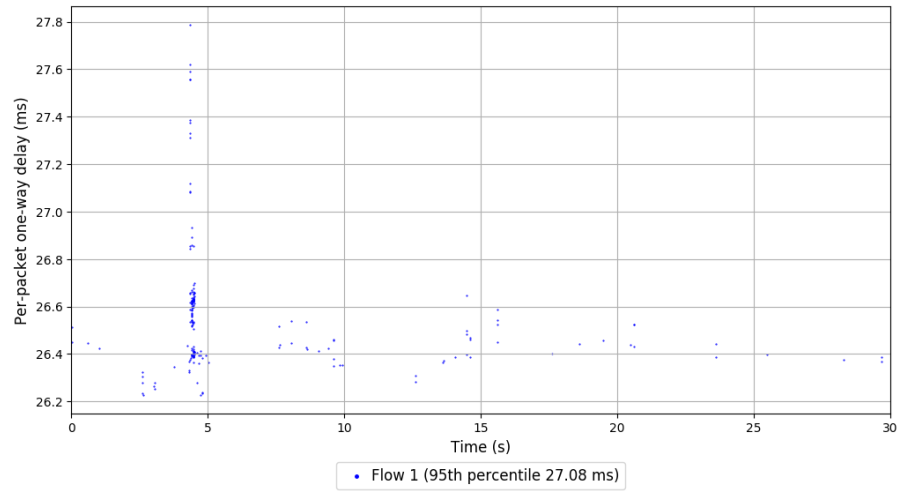
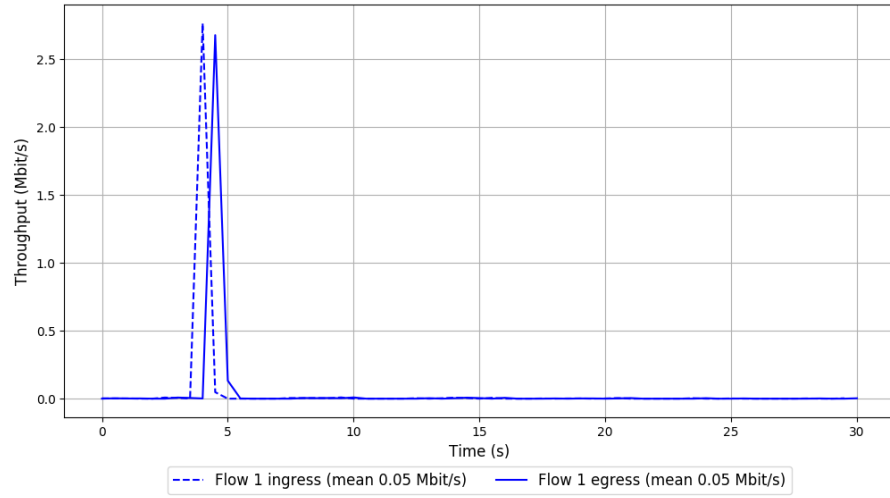


Run 1: Statistics of WebRTC media

Start at: 2019-04-23 19:05:30
End at: 2019-04-23 19:06:00
Local clock offset: 6.465 ms
Remote clock offset: -0.604 ms

Below is generated by plot.py at 2019-04-23 21:24:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 27.084 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 27.084 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-04-23 19:30:26

End at: 2019-04-23 19:30:57

Local clock offset: 3.184 ms

Remote clock offset: 1.736 ms

Below is generated by plot.py at 2019-04-23 21:24:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 28.888 ms

Loss rate: 0.00%

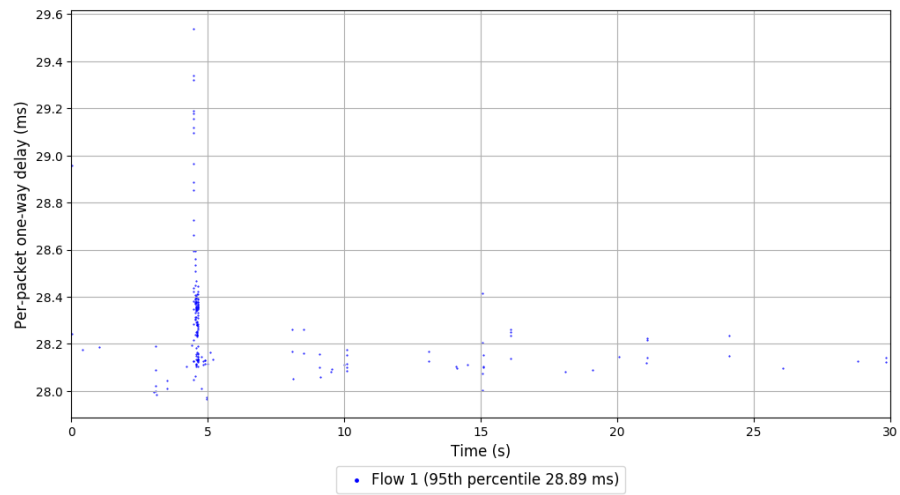
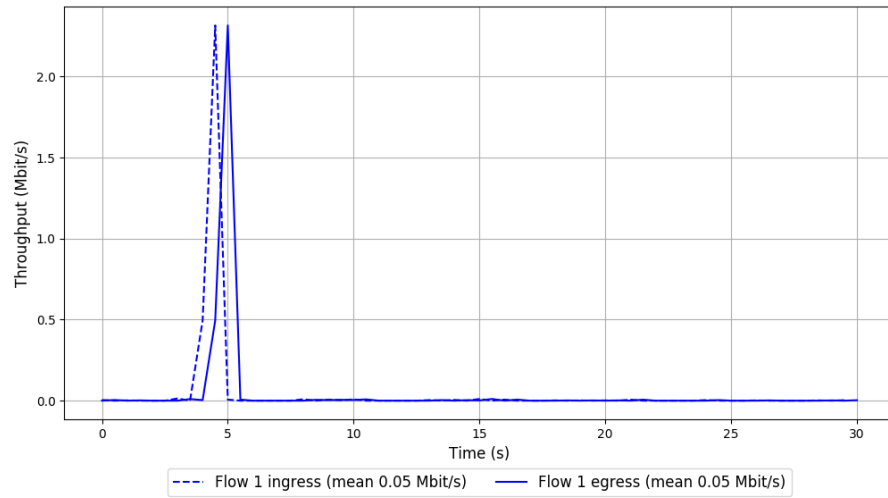
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 28.888 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-04-23 19:55:28

End at: 2019-04-23 19:55:58

Local clock offset: 2.023 ms

Remote clock offset: 4.921 ms

Below is generated by plot.py at 2019-04-23 21:24:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.528 ms

Loss rate: 0.00%

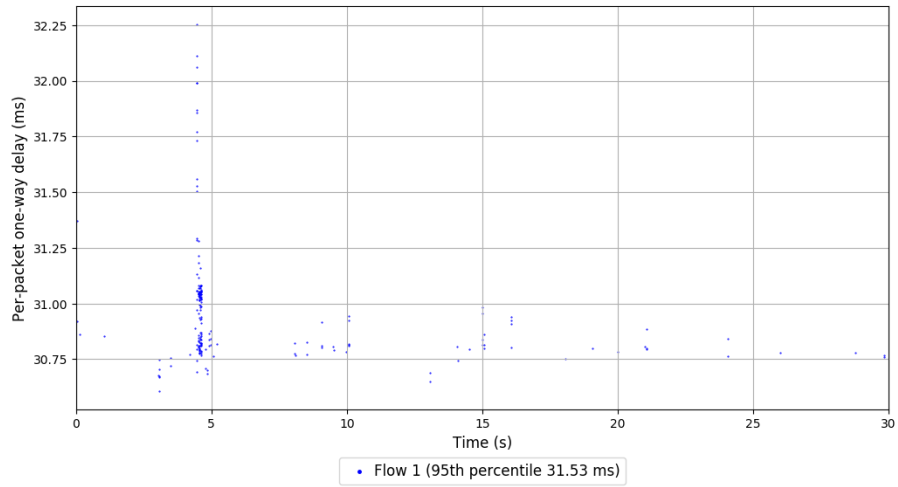
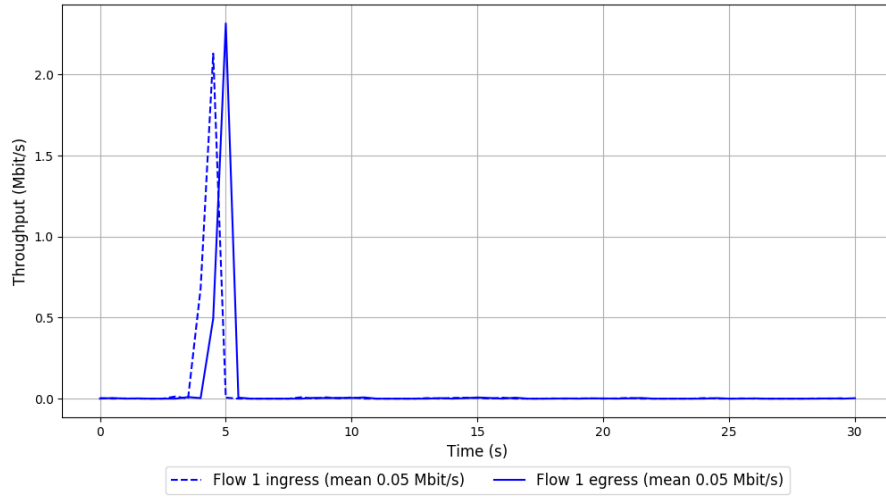
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.528 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-04-23 20:20:58

End at: 2019-04-23 20:21:28

Local clock offset: 3.043 ms

Remote clock offset: 2.217 ms

Below is generated by plot.py at 2019-04-23 21:24:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 28.535 ms

Loss rate: 0.00%

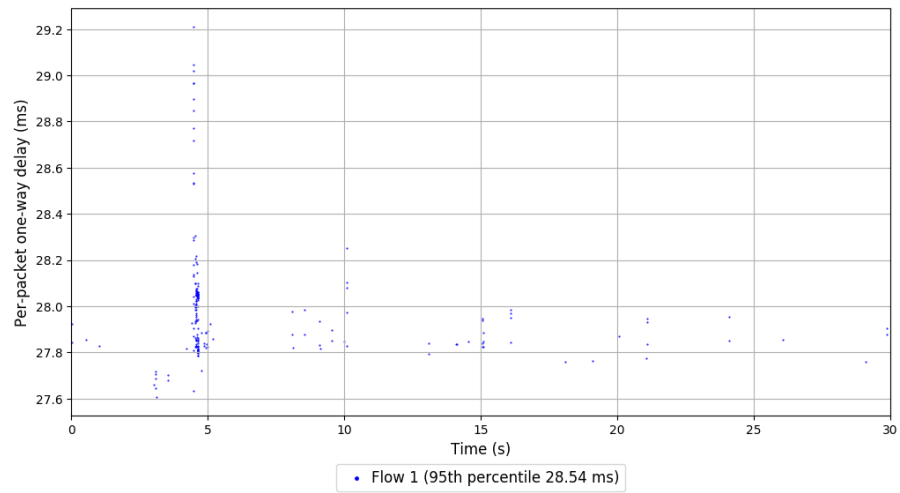
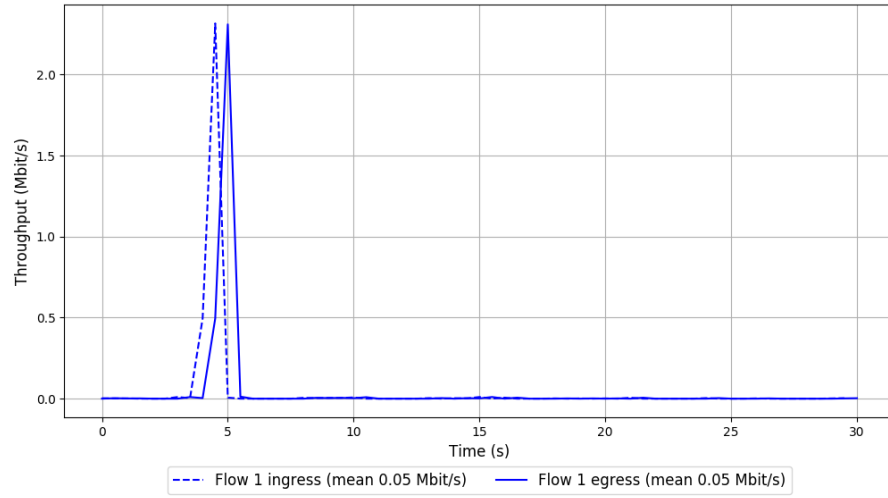
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 28.535 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-04-23 20:47:05

End at: 2019-04-23 20:47:35

Local clock offset: 4.445 ms

Remote clock offset: 2.977 ms

Below is generated by plot.py at 2019-04-23 21:24:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 28.729 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 28.729 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

