

Pantheon Report

Generated at 2021-03-08 00:41:34 (UTC).

Data path: (*local*) → (*remote*).

Repeated the test of 12 congestion control schemes 3 times.

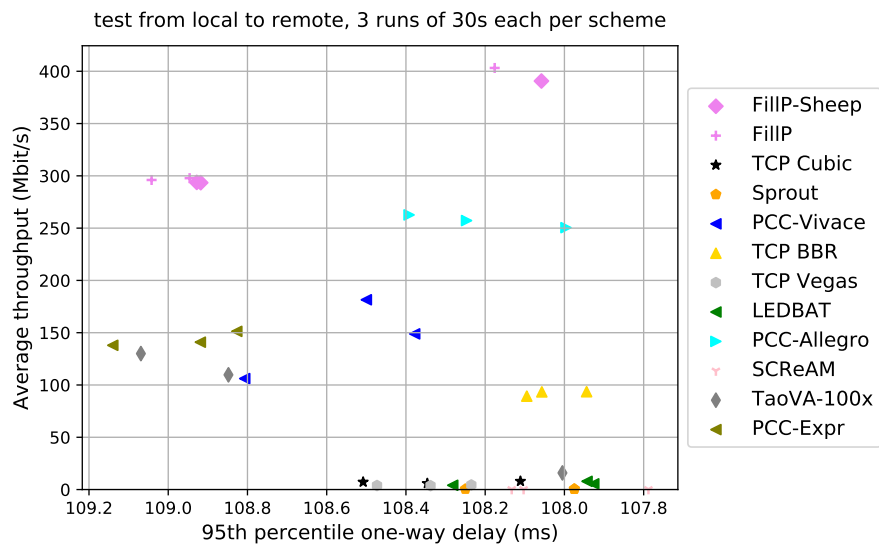
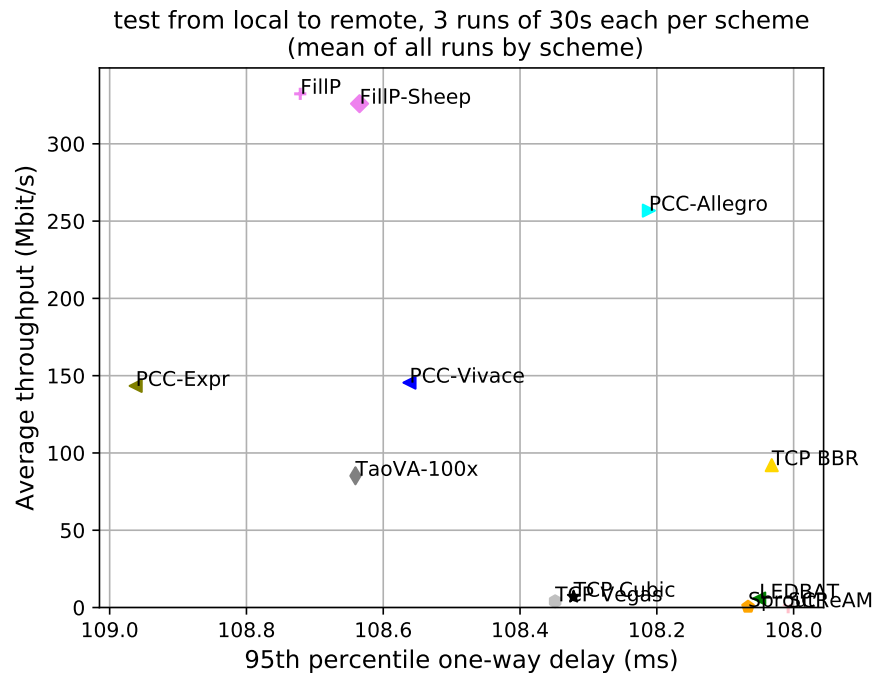
Each test lasted for 30 seconds running 1 flow.

System info:

Linux 5.4.0-1038-aws
net.core.default_qdisc = fq_codel
net.core.rmem_default = 212992
net.core.rmem_max = 212992
net.core.wmem_default = 212992
net.core.wmem_max = 212992
net.ipv4.tcp_rmem = 4096 131072 6291456
net.ipv4.tcp_wmem = 4096 16384 4194304

Git summary:

branch: master @ d0f90eabf1f7e33c143cd7af46ea9eb354562406
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdfef58e562f4
third_party/indigo @ 463d89b09699a57bfdfbae351646df6a60040b90
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
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-quic @ 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
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	3	92.11	108.03	0.01
TCP Cubic	3	7.01	108.32	0.92
FillP	3	332.34	108.72	6.58
FillP-Sheep	3	325.96	108.63	6.35
LEDBAT	3	5.80	108.05	0.26
PCC-Allegro	3	256.78	108.21	3.51
PCC-Expr	3	143.38	108.96	3.19
SCReAM	3	0.22	108.01	0.00
Sprout	3	0.51	108.07	0.00
TaoVA-100x	3	85.22	108.64	3.55
TCP Vegas	3	4.01	108.35	0.93
PCC-Vivace	3	145.50	108.56	1.64

Run 1: Statistics of TCP BBR

Start at: 2021-03-08 00:06:20

End at: 2021-03-08 00:06:50

Below is generated by plot.py at 2021-03-08 00:32:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.57 Mbit/s

95th percentile per-packet one-way delay: 107.944 ms

Loss rate: 0.00%

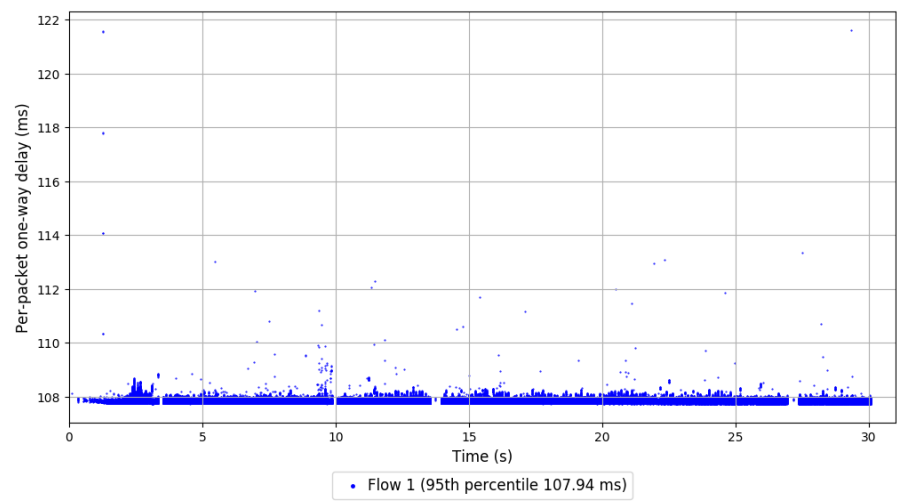
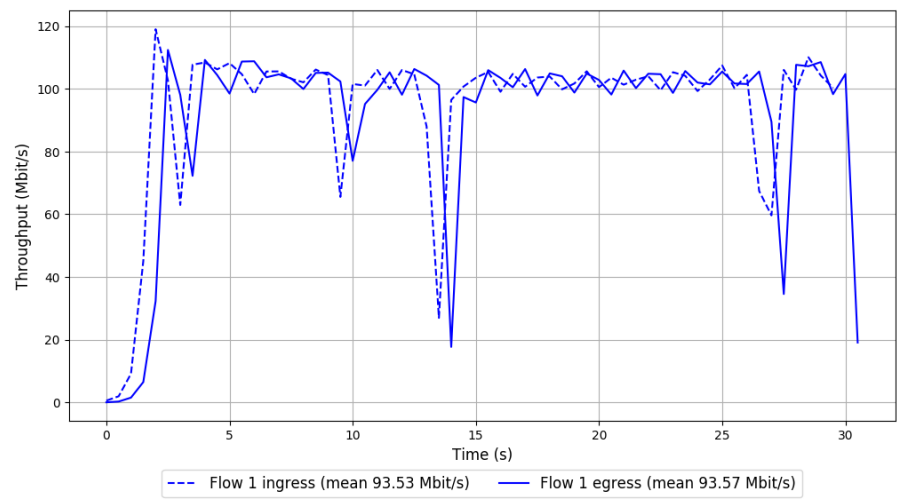
-- Flow 1:

Average throughput: 93.57 Mbit/s

95th percentile per-packet one-way delay: 107.944 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2021-03-08 00:16:41

End at: 2021-03-08 00:17:11

Below is generated by plot.py at 2021-03-08 00:32:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.42 Mbit/s

95th percentile per-packet one-way delay: 108.057 ms

Loss rate: 0.01%

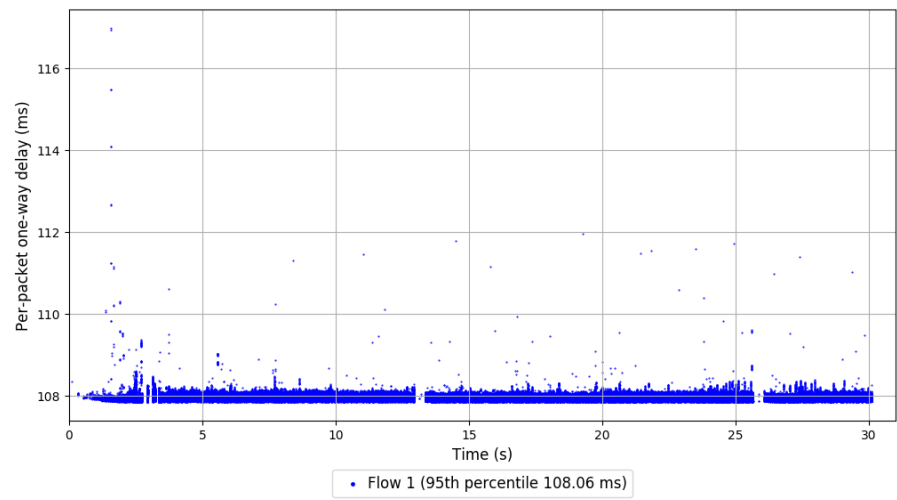
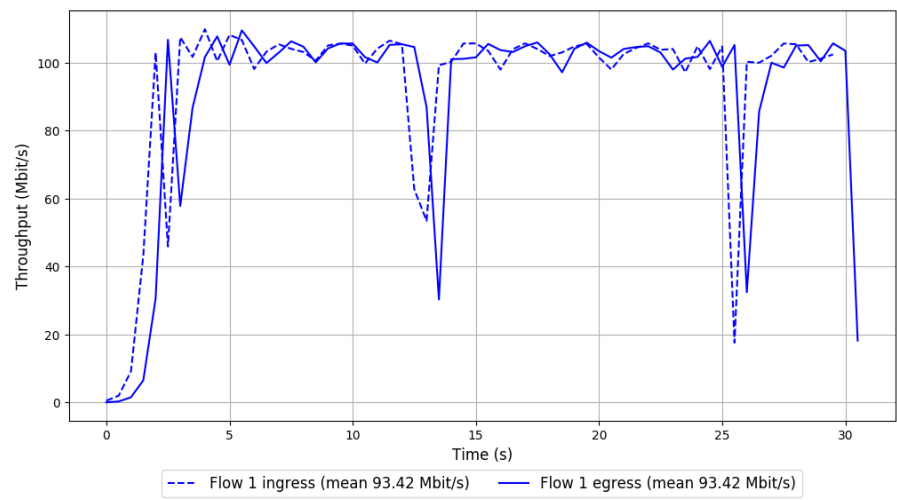
-- Flow 1:

Average throughput: 93.42 Mbit/s

95th percentile per-packet one-way delay: 108.057 ms

Loss rate: 0.01%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2021-03-08 00:26:52

End at: 2021-03-08 00:27:22

Below is generated by plot.py at 2021-03-08 00:33:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.33 Mbit/s

95th percentile per-packet one-way delay: 108.095 ms

Loss rate: 0.03%

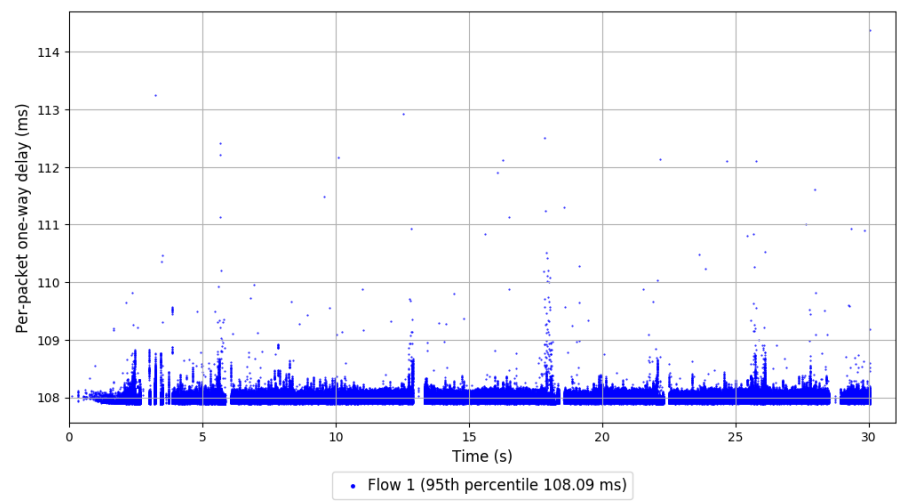
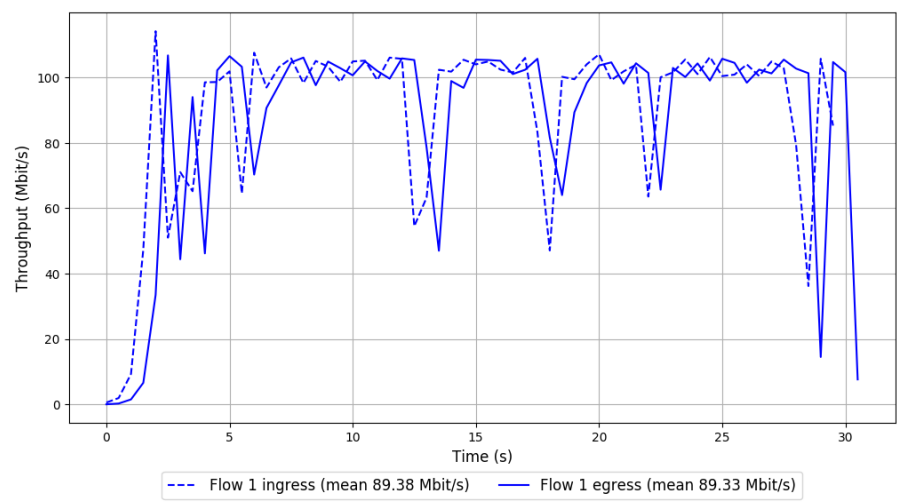
-- Flow 1:

Average throughput: 89.33 Mbit/s

95th percentile per-packet one-way delay: 108.095 ms

Loss rate: 0.03%

Run 3: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2021-03-08 00:03:57

End at: 2021-03-08 00:04:27

Below is generated by plot.py at 2021-03-08 00:33:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.86 Mbit/s

95th percentile per-packet one-way delay: 108.346 ms

Loss rate: 1.09%

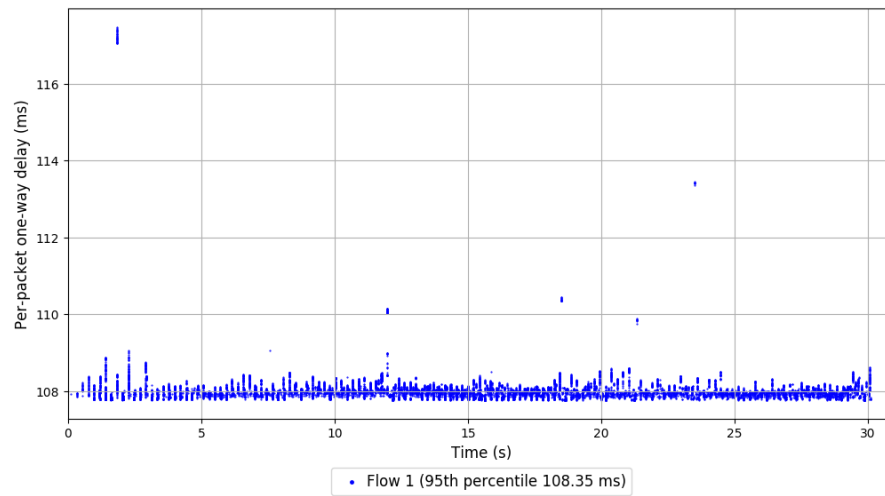
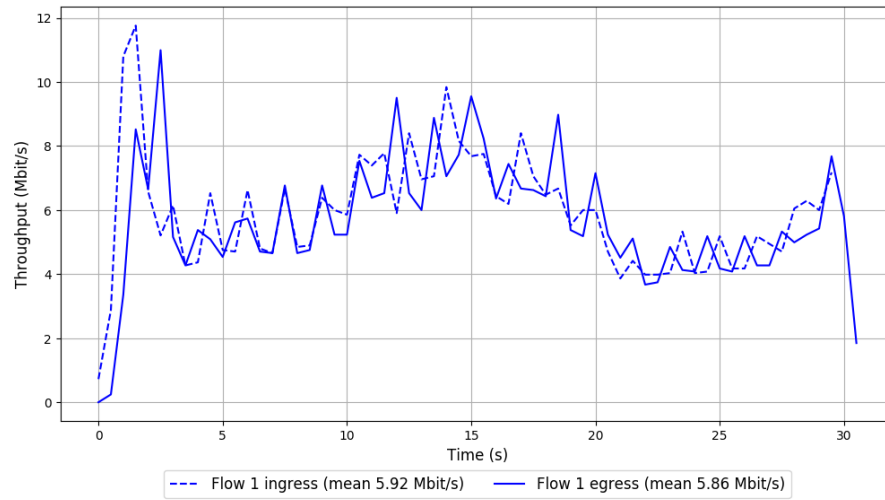
-- Flow 1:

Average throughput: 5.86 Mbit/s

95th percentile per-packet one-way delay: 108.346 ms

Loss rate: 1.09%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2021-03-08 00:14:16

End at: 2021-03-08 00:14:46

Below is generated by plot.py at 2021-03-08 00:33:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.97 Mbit/s

95th percentile per-packet one-way delay: 108.111 ms

Loss rate: 0.34%

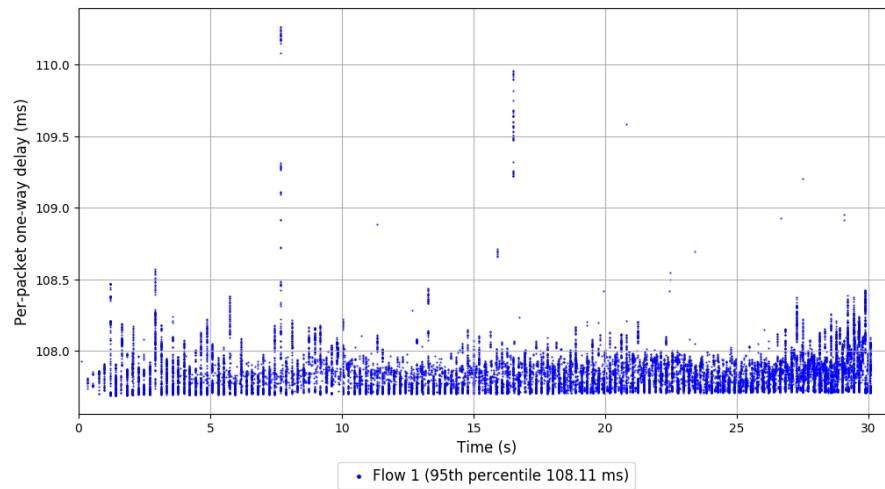
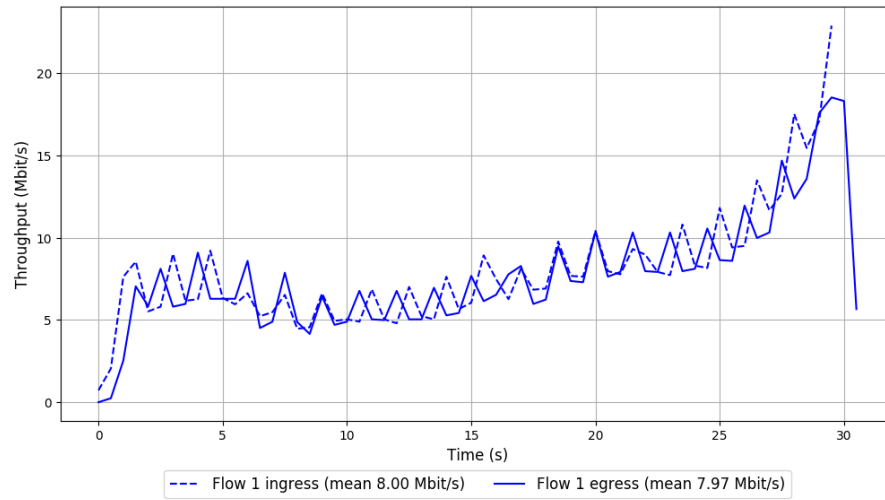
-- Flow 1:

Average throughput: 7.97 Mbit/s

95th percentile per-packet one-way delay: 108.111 ms

Loss rate: 0.34%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2021-03-08 00:24:29

End at: 2021-03-08 00:24:59

Below is generated by plot.py at 2021-03-08 00:33:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.20 Mbit/s

95th percentile per-packet one-way delay: 108.508 ms

Loss rate: 1.34%

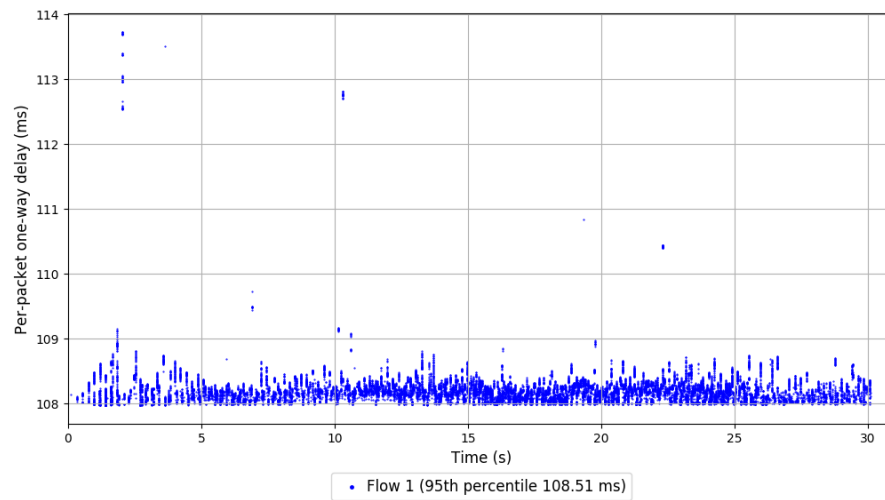
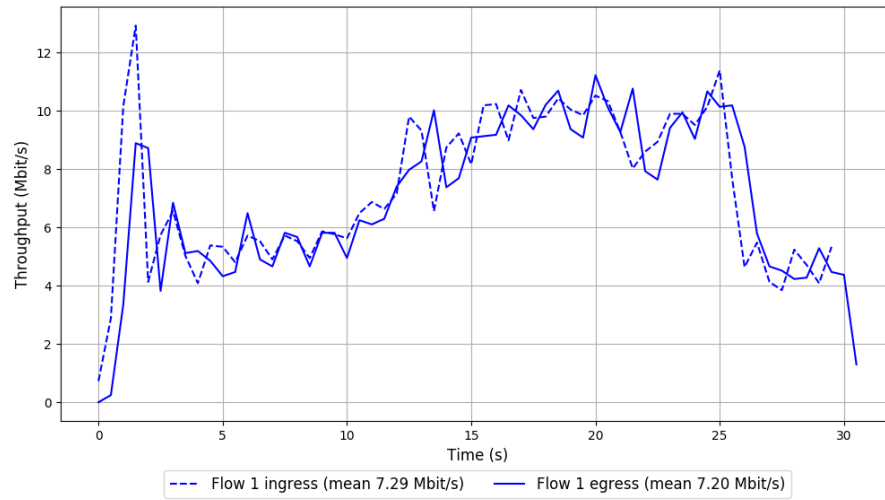
-- Flow 1:

Average throughput: 7.20 Mbit/s

95th percentile per-packet one-way delay: 108.508 ms

Loss rate: 1.34%

Run 3: Report of TCP Cubic — Data Link

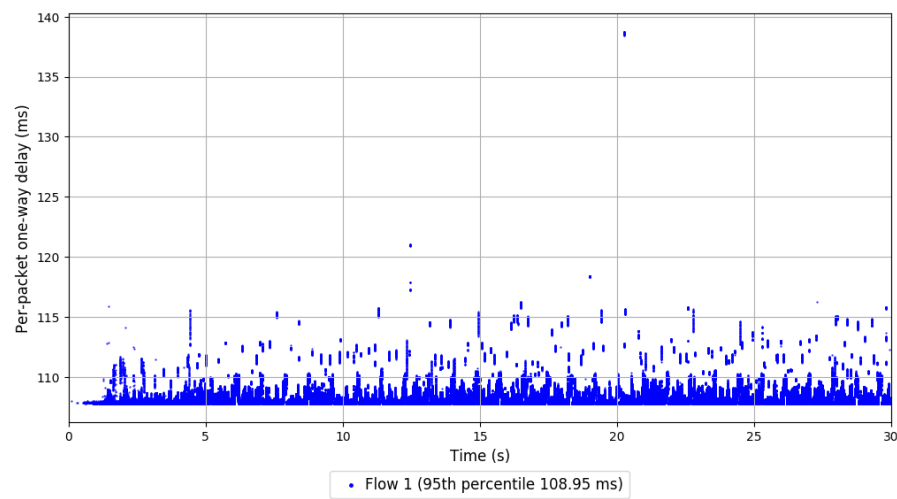
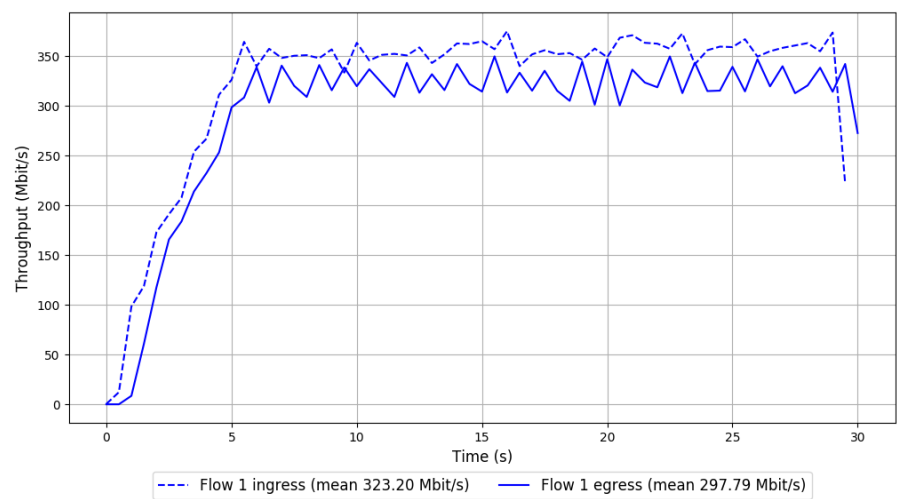


```
Run 1: Statistics of FillP

Start at: 2021-03-08 00:03:00
End at: 2021-03-08 00:03:30

# Below is generated by plot.py at 2021-03-08 00:33:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 297.79 Mbit/s
95th percentile per-packet one-way delay: 108.946 ms
Loss rate: 7.85%
-- Flow 1:
Average throughput: 297.79 Mbit/s
95th percentile per-packet one-way delay: 108.946 ms
Loss rate: 7.85%
```


Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2021-03-08 00:13:15

End at: 2021-03-08 00:13:45

Below is generated by plot.py at 2021-03-08 00:34:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 403.17 Mbit/s

95th percentile per-packet one-way delay: 108.176 ms

Loss rate: 3.46%

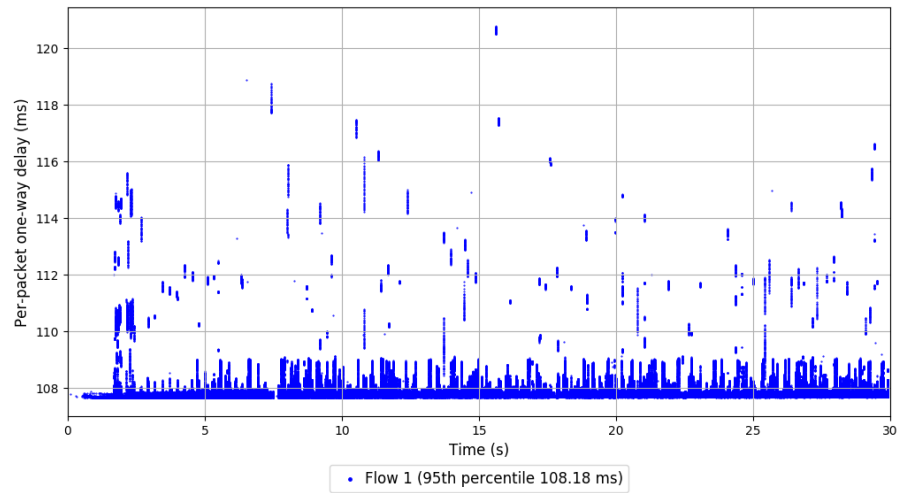
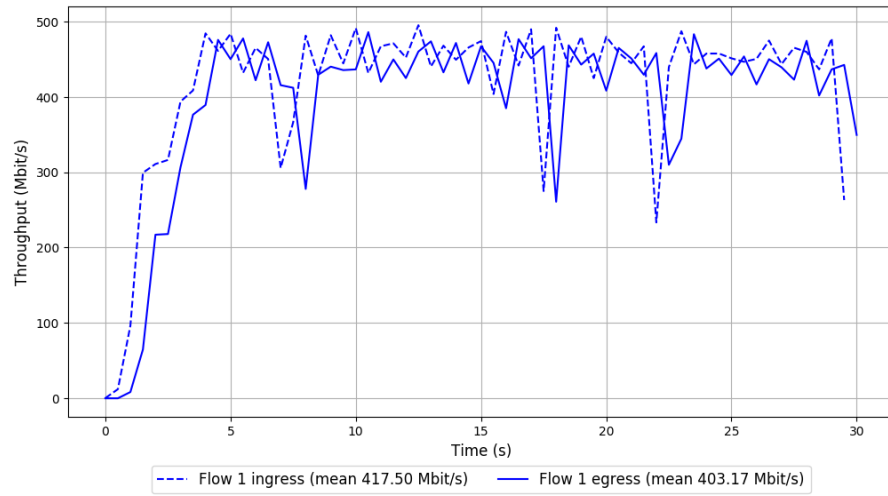
-- Flow 1:

Average throughput: 403.17 Mbit/s

95th percentile per-packet one-way delay: 108.176 ms

Loss rate: 3.46%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2021-03-08 00:23:32

End at: 2021-03-08 00:24:02

Below is generated by plot.py at 2021-03-08 00:35:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 296.05 Mbit/s

95th percentile per-packet one-way delay: 109.042 ms

Loss rate: 8.44%

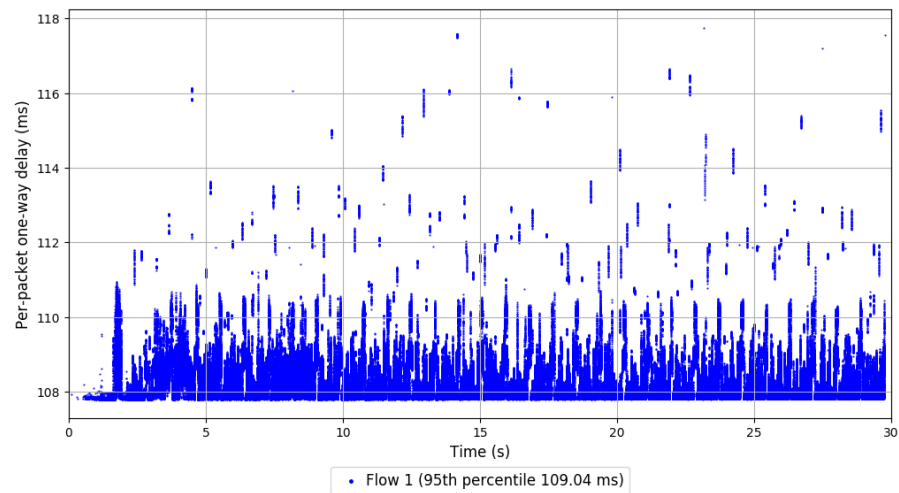
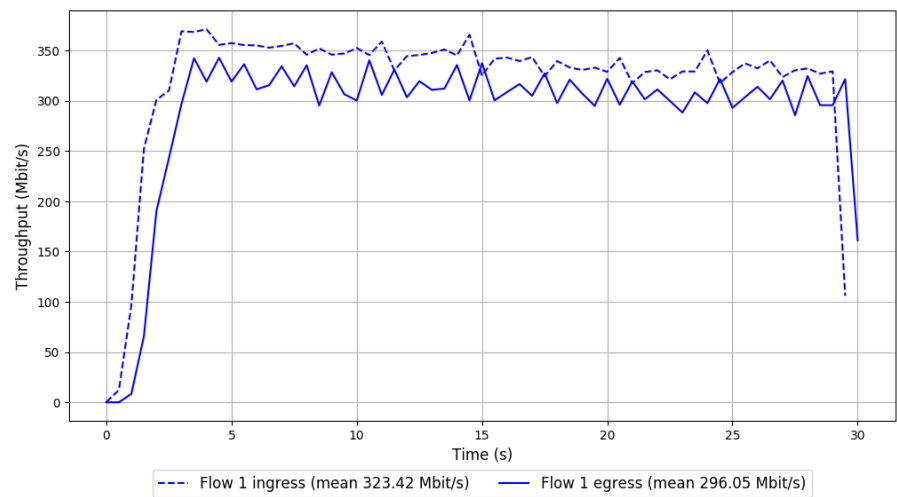
-- Flow 1:

Average throughput: 296.05 Mbit/s

95th percentile per-packet one-way delay: 109.042 ms

Loss rate: 8.44%

Run 3: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2021-03-08 00:02:03

End at: 2021-03-08 00:02:33

Below is generated by plot.py at 2021-03-08 00:35:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 293.46 Mbit/s

95th percentile per-packet one-way delay: 108.918 ms

Loss rate: 8.49%

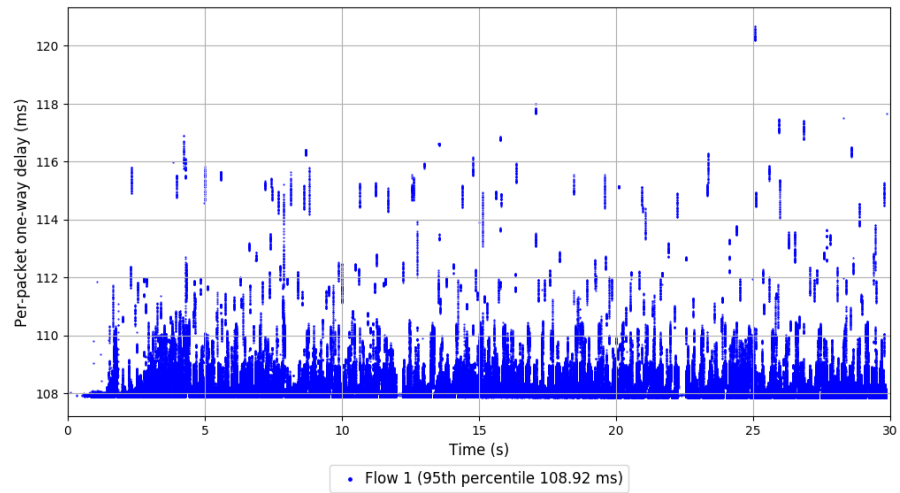
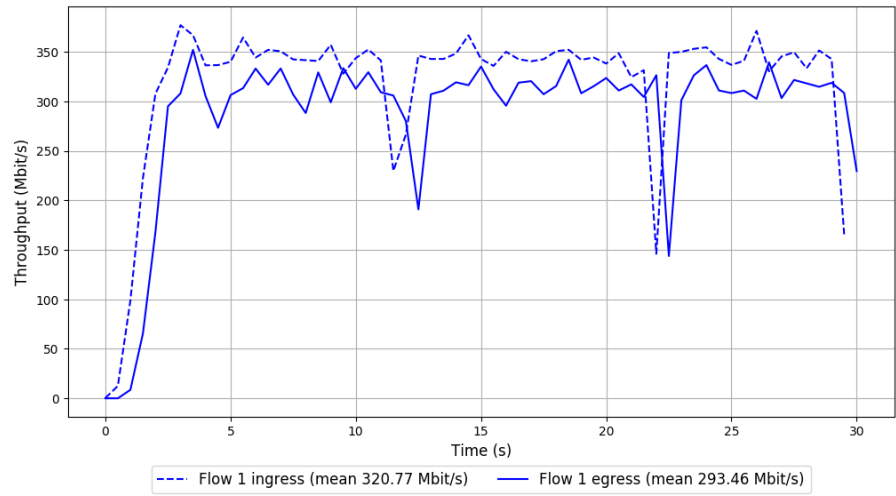
-- Flow 1:

Average throughput: 293.46 Mbit/s

95th percentile per-packet one-way delay: 108.918 ms

Loss rate: 8.49%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2021-03-08 00:12:14

End at: 2021-03-08 00:12:44

Below is generated by plot.py at 2021-03-08 00:36:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 390.68 Mbit/s

95th percentile per-packet one-way delay: 108.058 ms

Loss rate: 4.06%

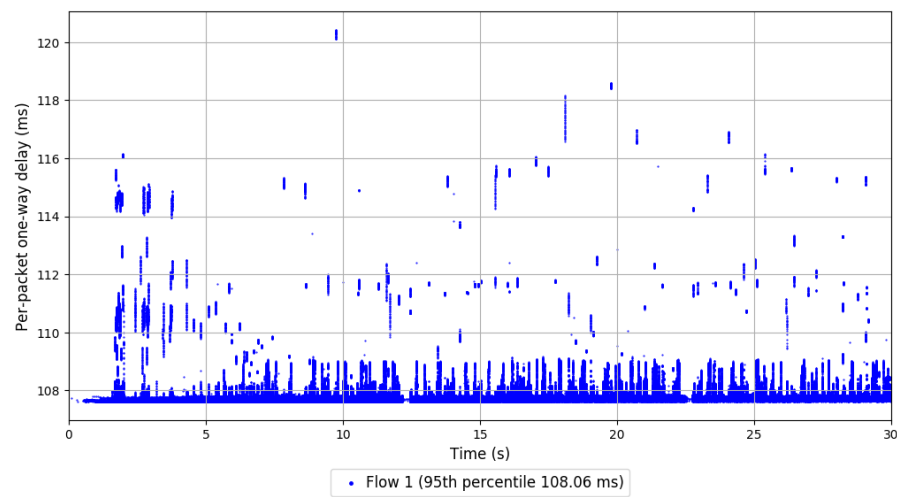
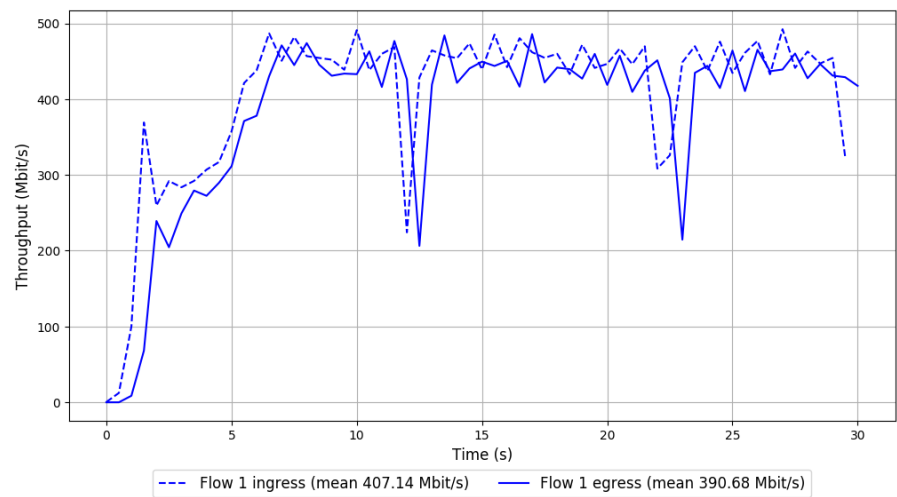
-- Flow 1:

Average throughput: 390.68 Mbit/s

95th percentile per-packet one-way delay: 108.058 ms

Loss rate: 4.06%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2021-03-08 00:22:35

End at: 2021-03-08 00:23:05

Below is generated by plot.py at 2021-03-08 00:37:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 293.74 Mbit/s

95th percentile per-packet one-way delay: 108.928 ms

Loss rate: 6.49%

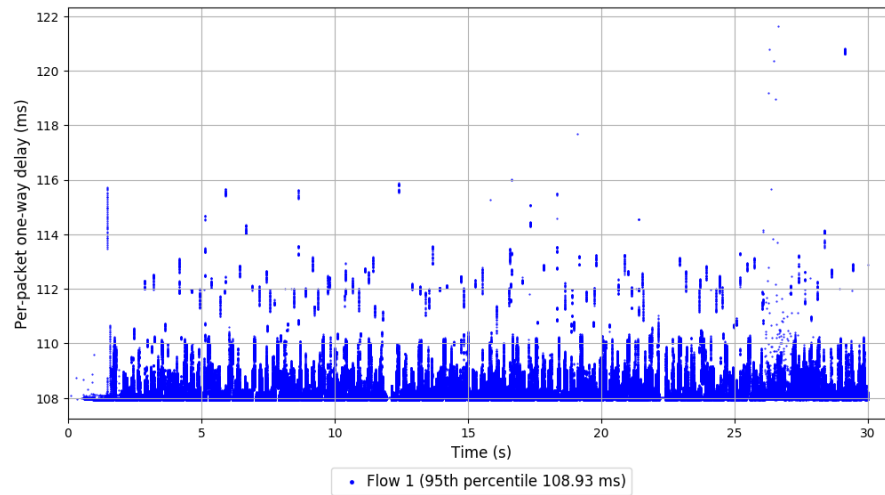
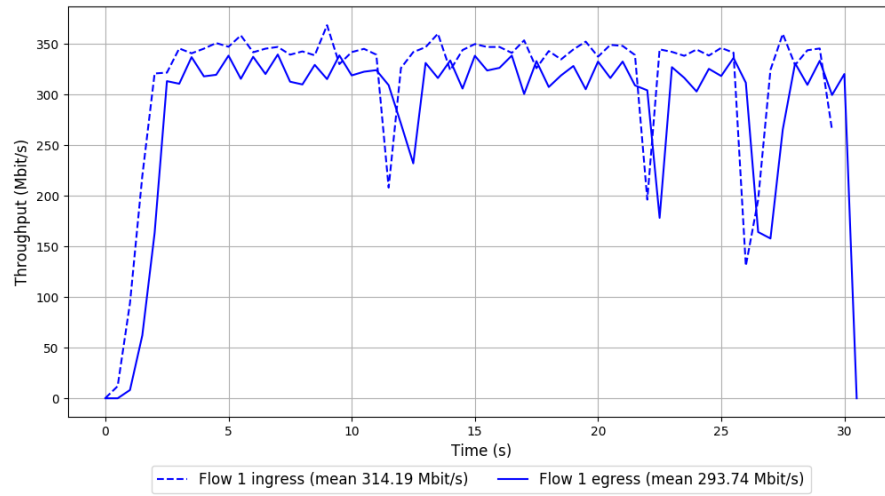
-- Flow 1:

Average throughput: 293.74 Mbit/s

95th percentile per-packet one-way delay: 108.928 ms

Loss rate: 6.49%

Run 3: Report of FillP-Sheep — Data Link



Run 1: Statistics of LEDBAT

Start at: 2021-03-08 00:07:55

End at: 2021-03-08 00:08:25

Below is generated by plot.py at 2021-03-08 00:37:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.45 Mbit/s

95th percentile per-packet one-way delay: 107.926 ms

Loss rate: 0.46%

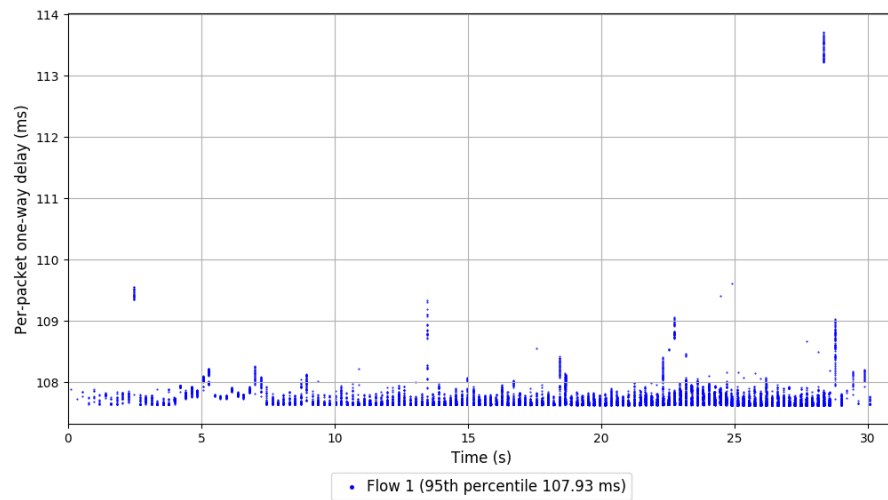
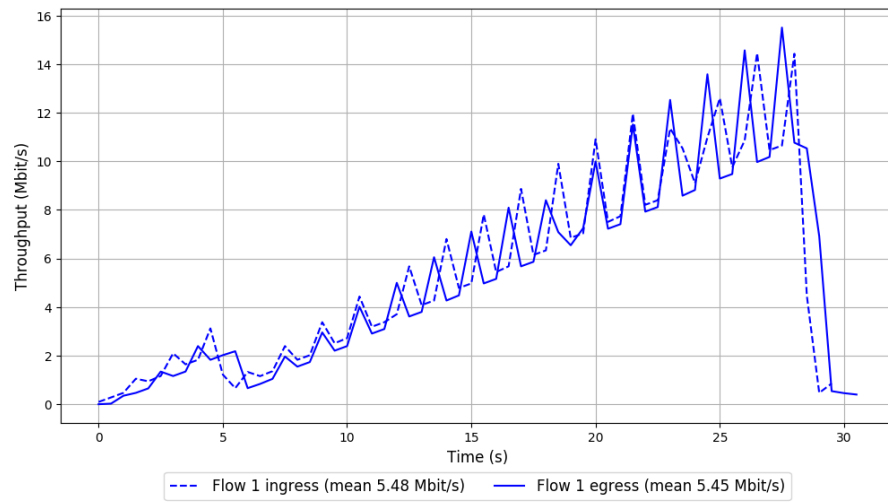
-- Flow 1:

Average throughput: 5.45 Mbit/s

95th percentile per-packet one-way delay: 107.926 ms

Loss rate: 0.46%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2021-03-08 00:18:16

End at: 2021-03-08 00:18:46

Below is generated by plot.py at 2021-03-08 00:37:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.86 Mbit/s

95th percentile per-packet one-way delay: 107.943 ms

Loss rate: 0.00%

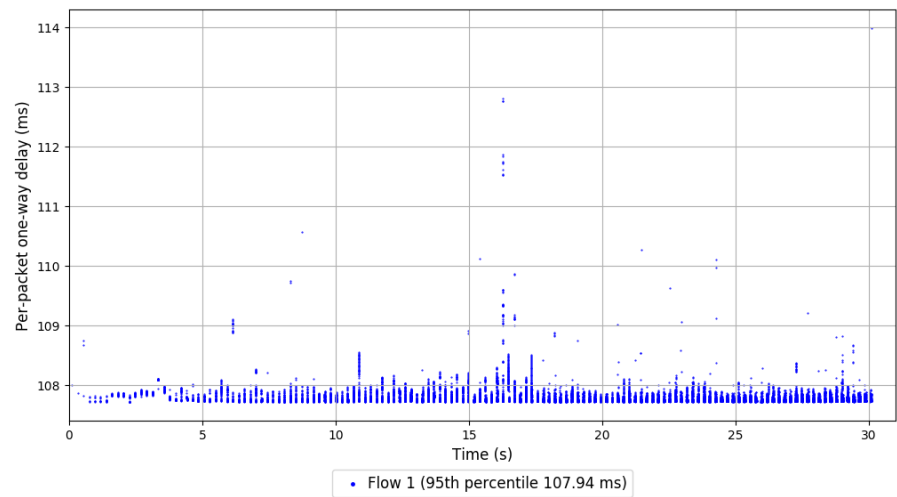
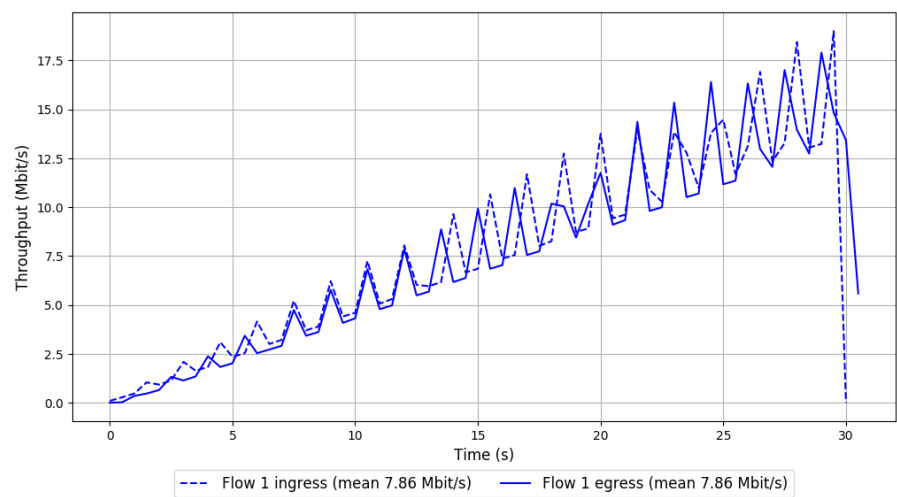
-- Flow 1:

Average throughput: 7.86 Mbit/s

95th percentile per-packet one-way delay: 107.943 ms

Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2021-03-08 00:28:26

End at: 2021-03-08 00:28:56

Below is generated by plot.py at 2021-03-08 00:37:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.08 Mbit/s

95th percentile per-packet one-way delay: 108.282 ms

Loss rate: 0.31%

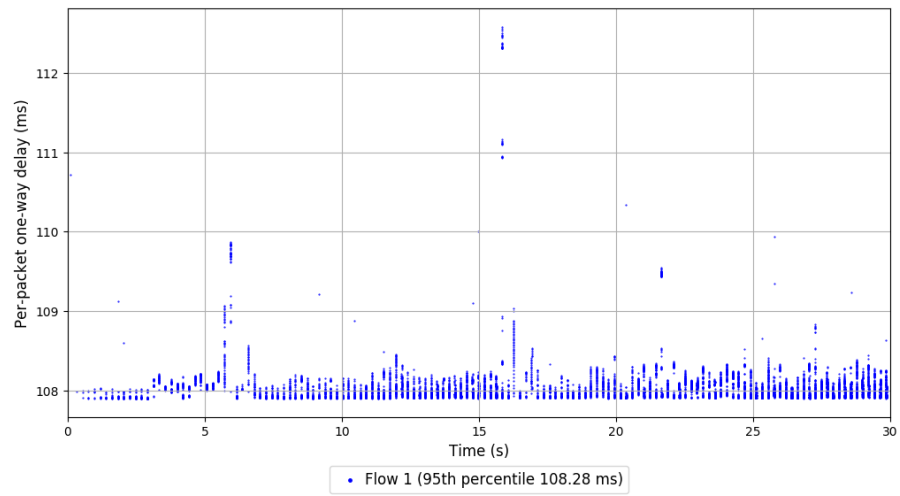
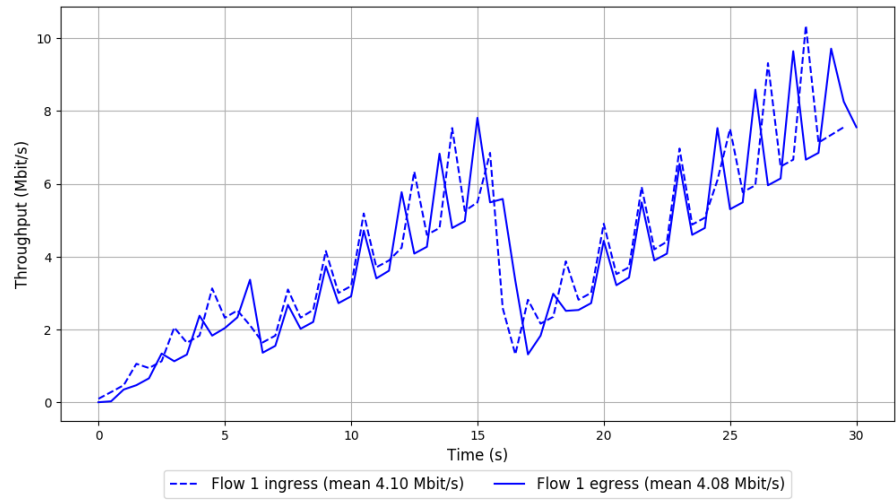
-- Flow 1:

Average throughput: 4.08 Mbit/s

95th percentile per-packet one-way delay: 108.282 ms

Loss rate: 0.31%

Run 3: Report of LEDBAT — Data Link

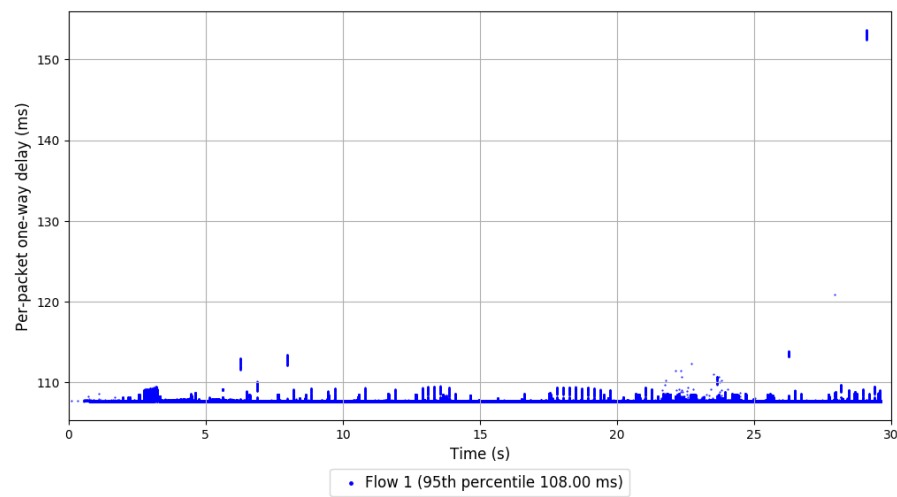
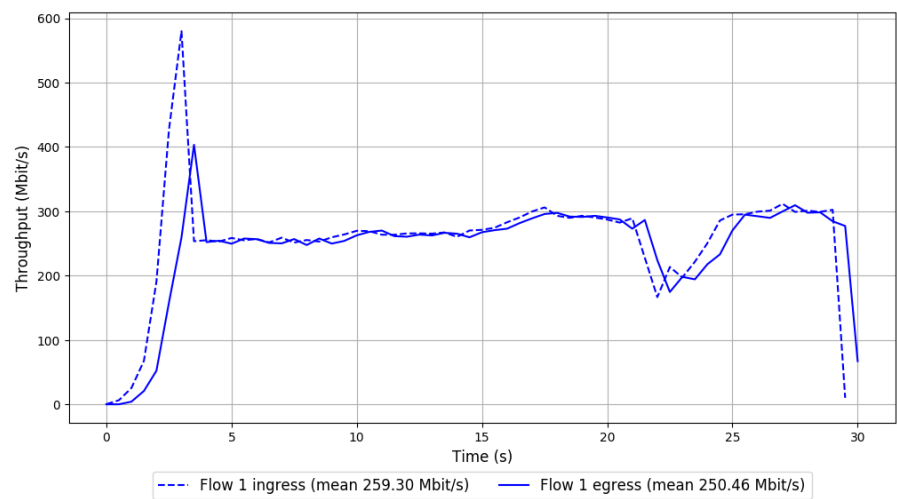


```
Run 1: Statistics of PCC-Allegro

Start at: 2021-03-08 00:08:40
End at: 2021-03-08 00:09:10

# Below is generated by plot.py at 2021-03-08 00:37:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 250.46 Mbit/s
95th percentile per-packet one-way delay: 107.996 ms
Loss rate: 3.41%
-- Flow 1:
Average throughput: 250.46 Mbit/s
95th percentile per-packet one-way delay: 107.996 ms
Loss rate: 3.41%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2021-03-08 00:19:01

End at: 2021-03-08 00:19:31

Below is generated by plot.py at 2021-03-08 00:38:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 257.23 Mbit/s

95th percentile per-packet one-way delay: 108.247 ms

Loss rate: 4.54%

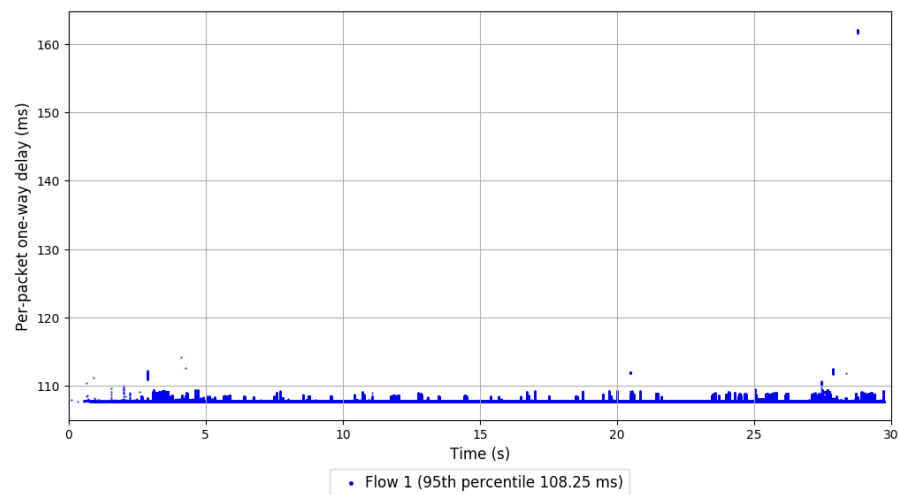
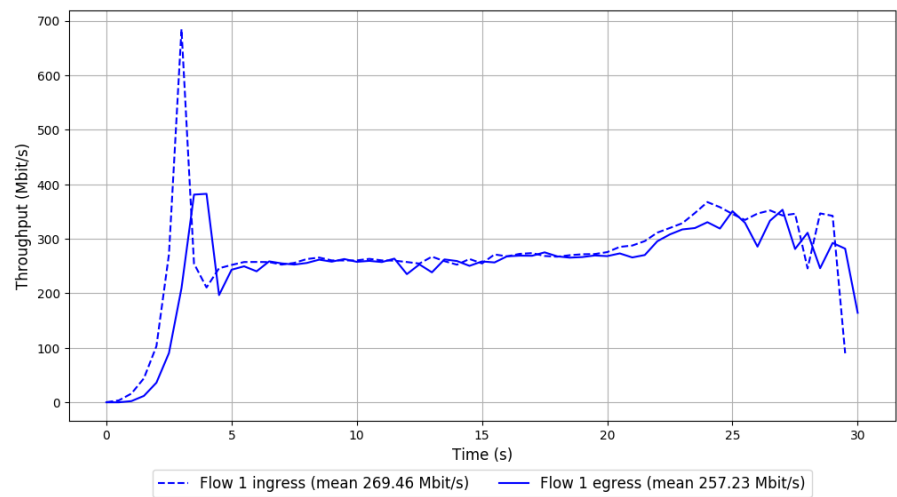
-- Flow 1:

Average throughput: 257.23 Mbit/s

95th percentile per-packet one-way delay: 108.247 ms

Loss rate: 4.54%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2021-03-08 00:29:11

End at: 2021-03-08 00:29:41

Below is generated by plot.py at 2021-03-08 00:38:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 262.64 Mbit/s

95th percentile per-packet one-way delay: 108.392 ms

Loss rate: 2.59%

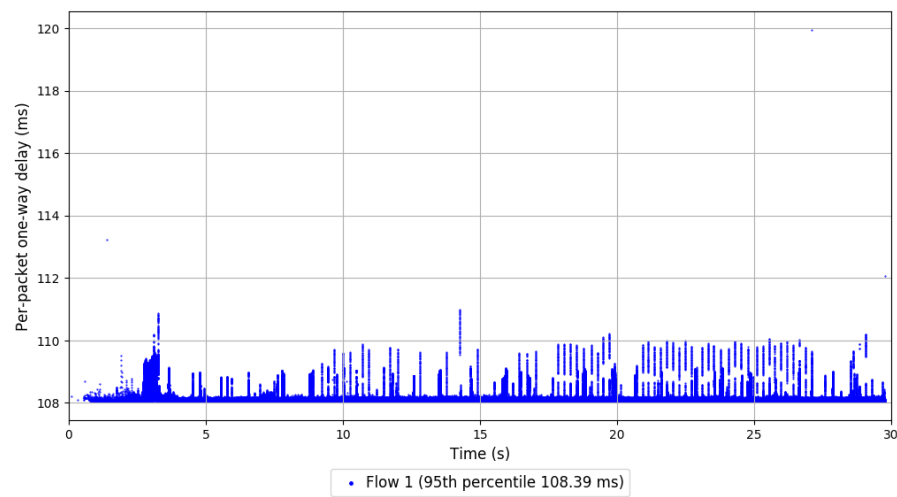
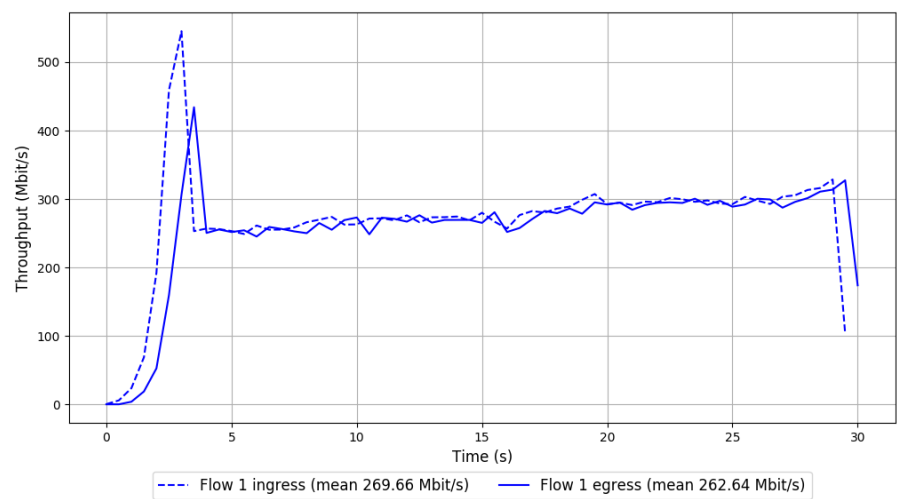
-- Flow 1:

Average throughput: 262.64 Mbit/s

95th percentile per-packet one-way delay: 108.392 ms

Loss rate: 2.59%

Run 3: Report of PCC-Allegro — Data Link

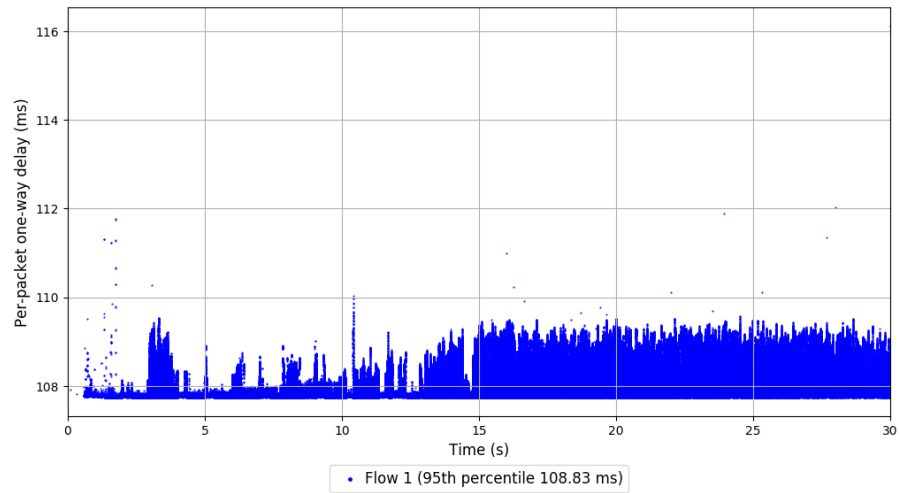
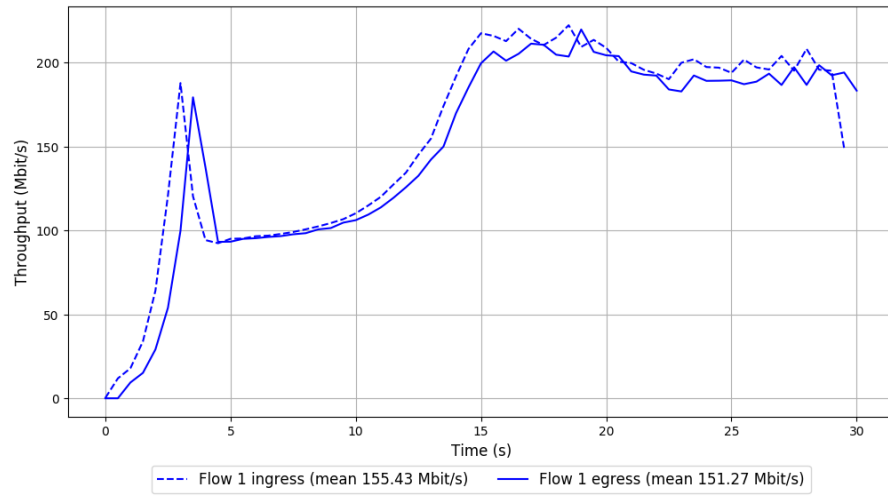


```
Run 1: Statistics of PCC-Expr

Start at: 2021-03-08 00:11:12
End at: 2021-03-08 00:11:42

# Below is generated by plot.py at 2021-03-08 00:39:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 151.27 Mbit/s
95th percentile per-packet one-way delay: 108.827 ms
Loss rate: 2.67%
-- Flow 1:
Average throughput: 151.27 Mbit/s
95th percentile per-packet one-way delay: 108.827 ms
Loss rate: 2.67%
```


Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2021-03-08 00:21:38

End at: 2021-03-08 00:22:08

Below is generated by plot.py at 2021-03-08 00:39:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 140.93 Mbit/s

95th percentile per-packet one-way delay: 108.919 ms

Loss rate: 3.84%

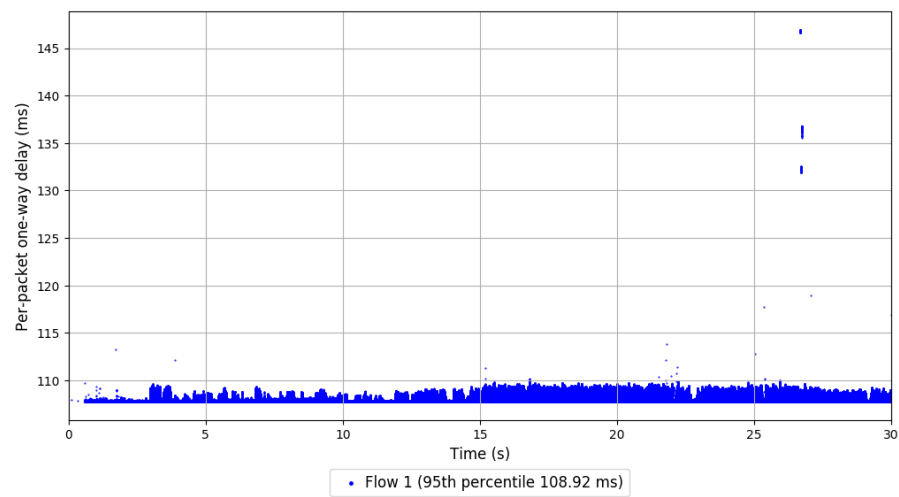
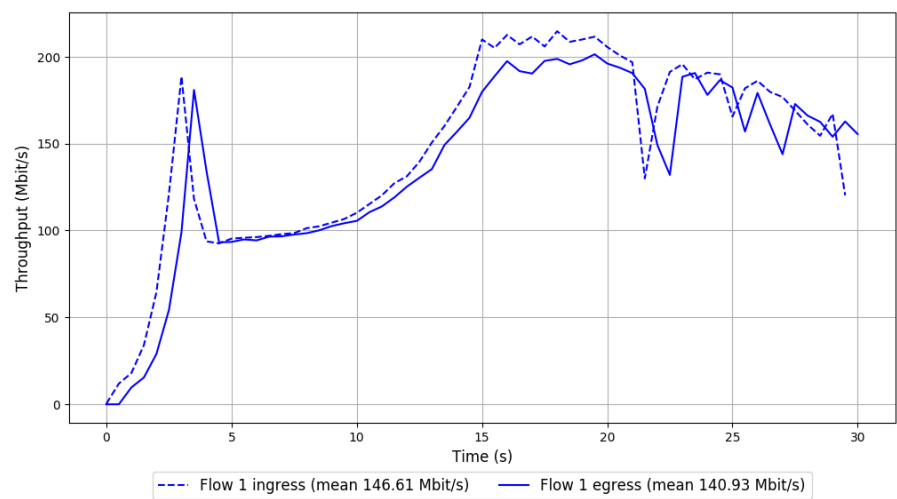
-- Flow 1:

Average throughput: 140.93 Mbit/s

95th percentile per-packet one-way delay: 108.919 ms

Loss rate: 3.84%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2021-03-08 00:31:36

End at: 2021-03-08 00:32:06

Below is generated by plot.py at 2021-03-08 00:39:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 137.94 Mbit/s

95th percentile per-packet one-way delay: 109.140 ms

Loss rate: 3.07%

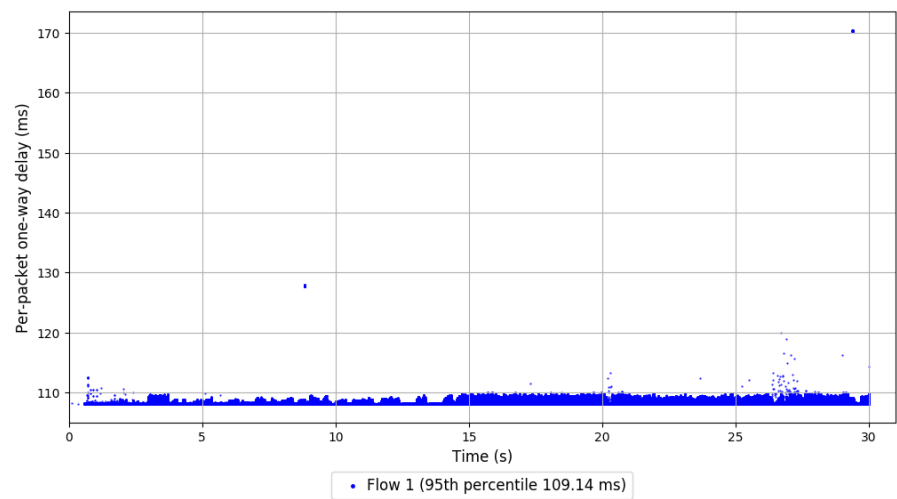
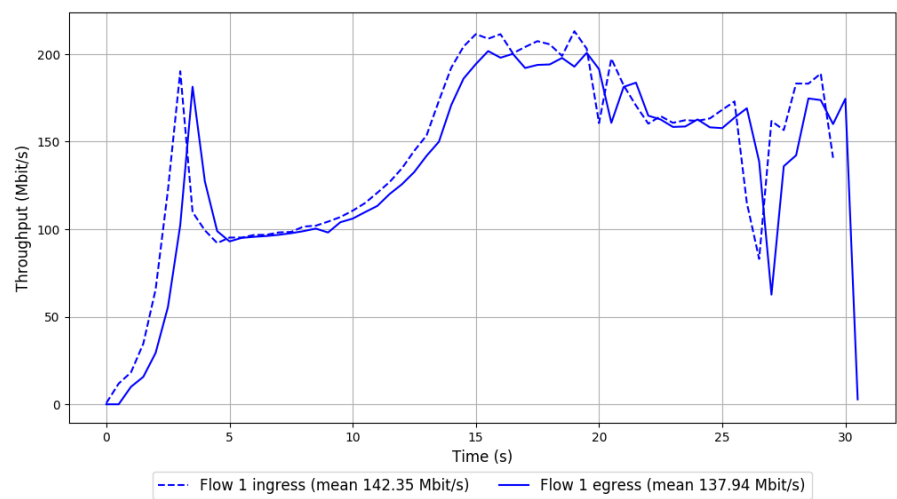
-- Flow 1:

Average throughput: 137.94 Mbit/s

95th percentile per-packet one-way delay: 109.140 ms

Loss rate: 3.07%

Run 3: Report of PCC-Expr — Data Link

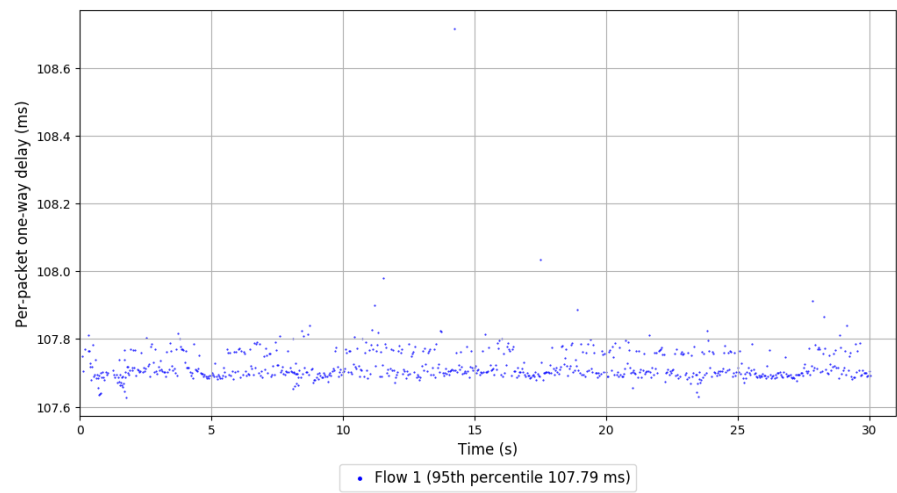
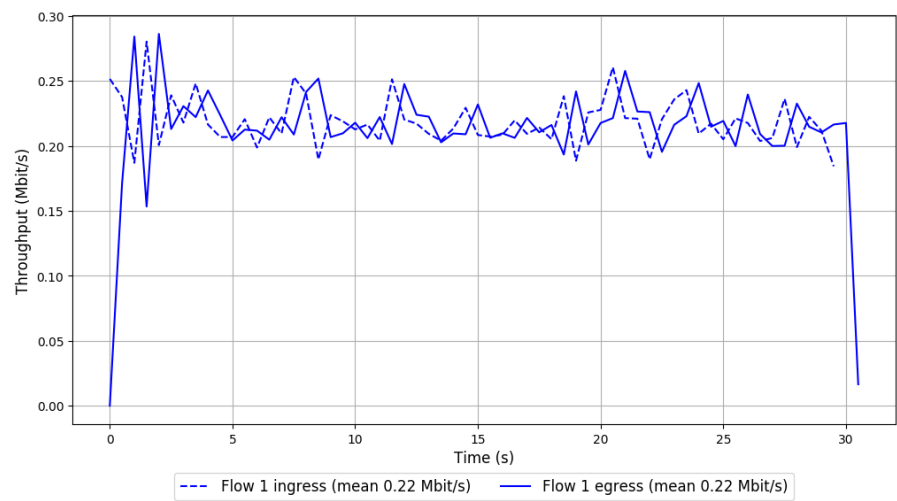


```
Run 1: Statistics of SCReAM

Start at: 2021-03-08 00:09:33
End at: 2021-03-08 00:10:03

# Below is generated by plot.py at 2021-03-08 00:39:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 107.788 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 107.788 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2021-03-08 00:19:57

End at: 2021-03-08 00:20:27

Below is generated by plot.py at 2021-03-08 00:39:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 108.103 ms

Loss rate: 0.00%

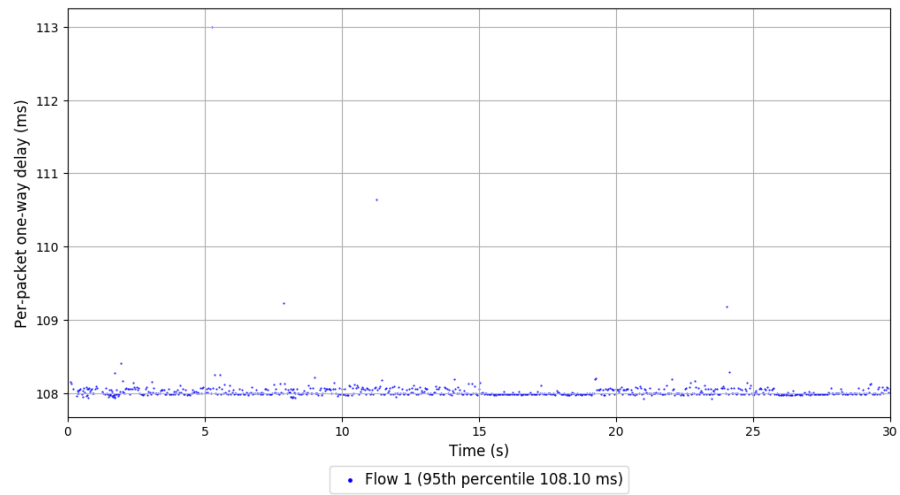
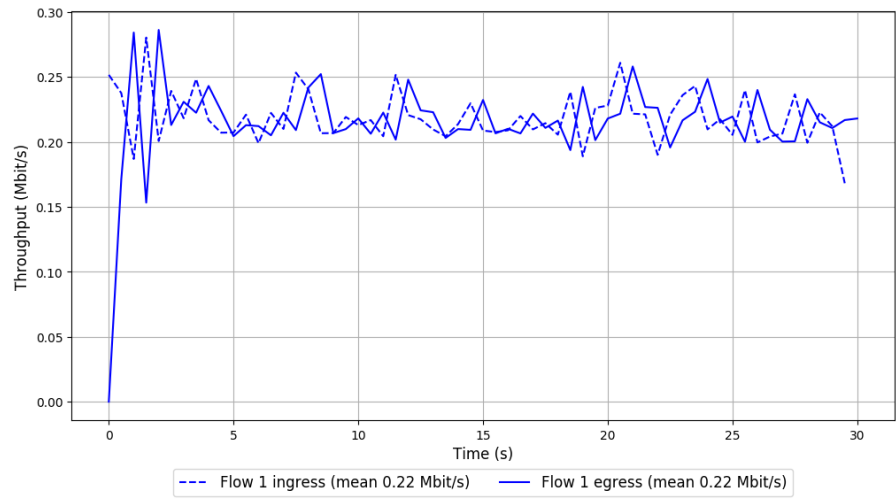
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 108.103 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2021-03-08 00:30:05

End at: 2021-03-08 00:30:35

Below is generated by plot.py at 2021-03-08 00:39:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 108.133 ms

Loss rate: 0.00%

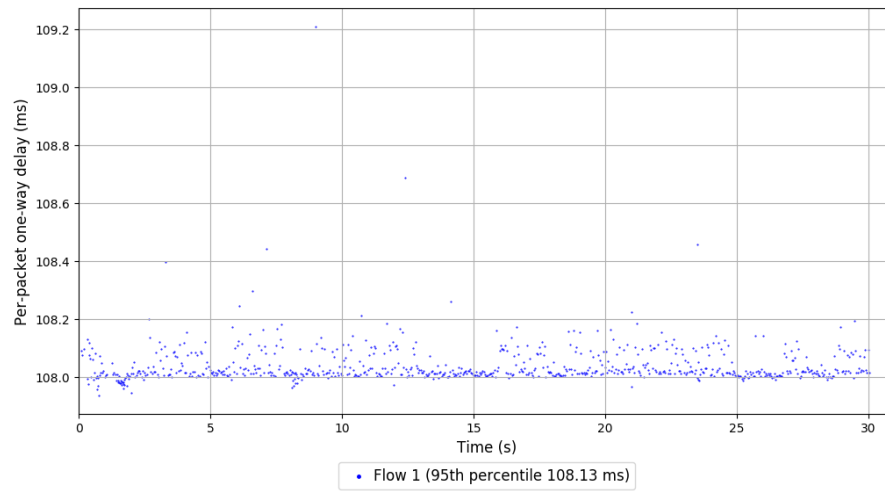
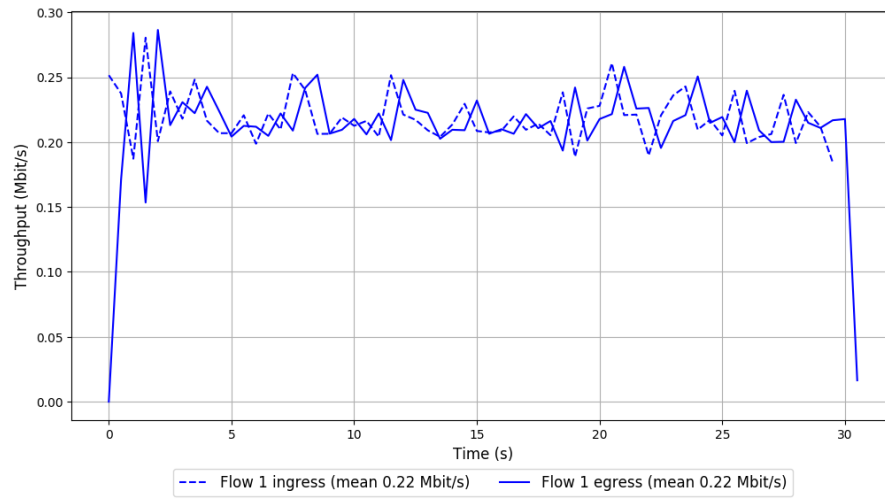
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 108.133 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2021-03-08 00:04:42

End at: 2021-03-08 00:05:12

Below is generated by plot.py at 2021-03-08 00:39:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.54 Mbit/s

95th percentile per-packet one-way delay: 107.975 ms

Loss rate: 0.00%

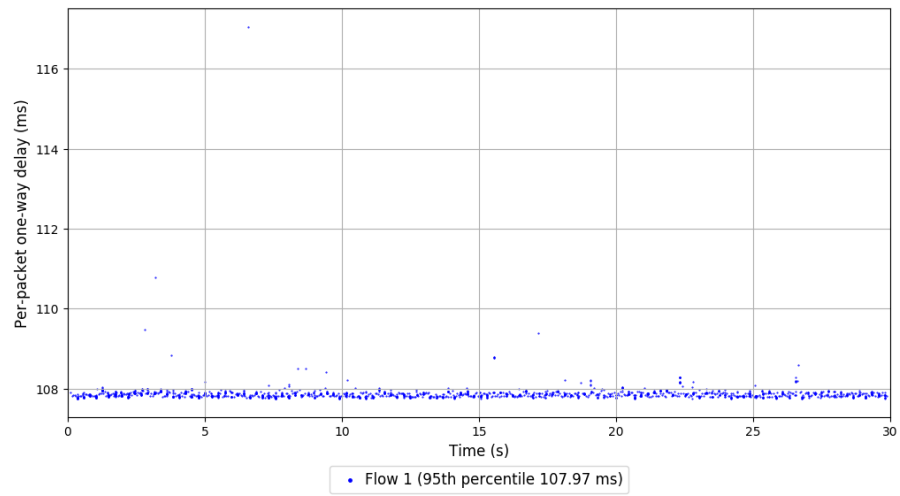
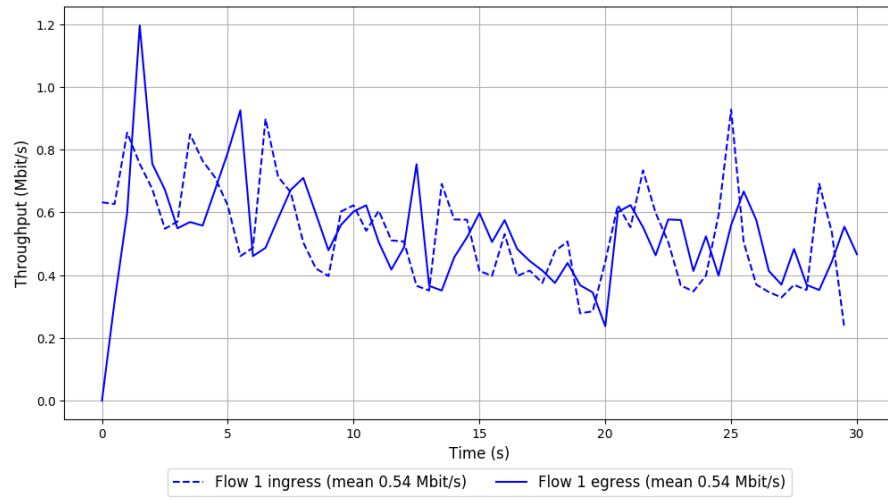
-- Flow 1:

Average throughput: 0.54 Mbit/s

95th percentile per-packet one-way delay: 107.975 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2021-03-08 00:15:01

End at: 2021-03-08 00:15:31

Below is generated by plot.py at 2021-03-08 00:39:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 107.975 ms

Loss rate: 0.00%

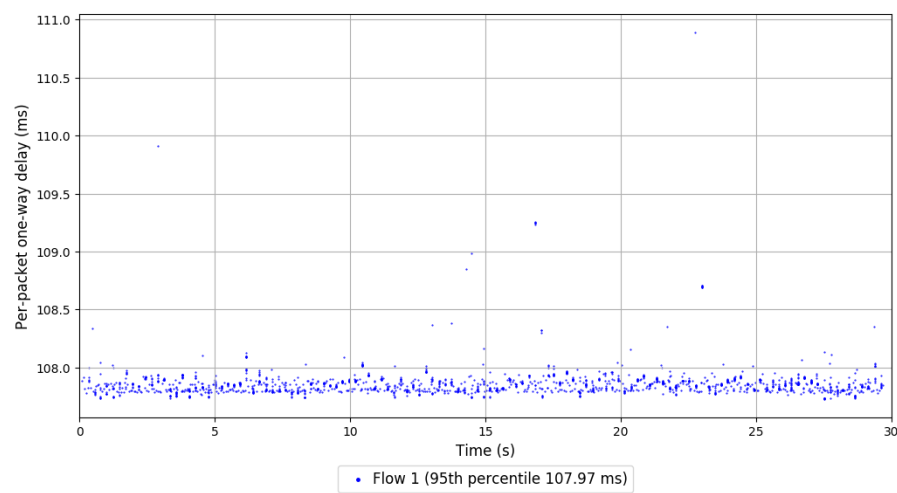
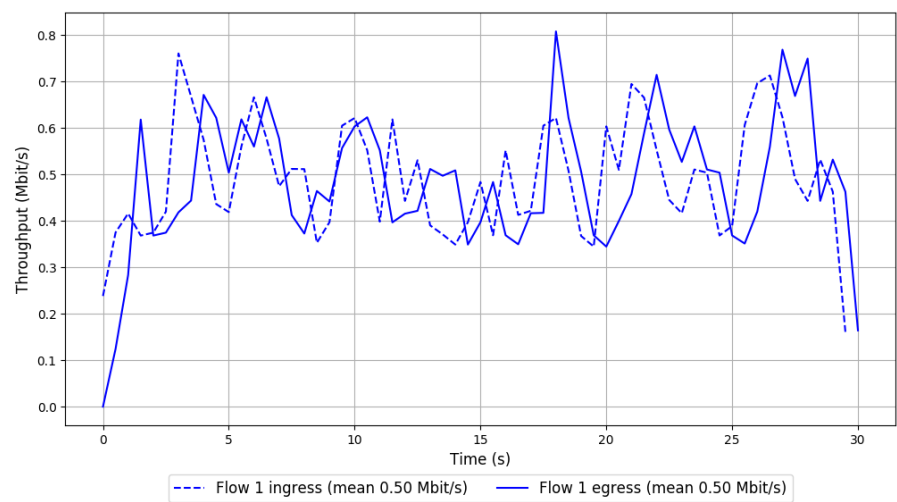
-- Flow 1:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 107.975 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2021-03-08 00:25:14

End at: 2021-03-08 00:25:44

Below is generated by plot.py at 2021-03-08 00:39:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 108.250 ms

Loss rate: 0.00%

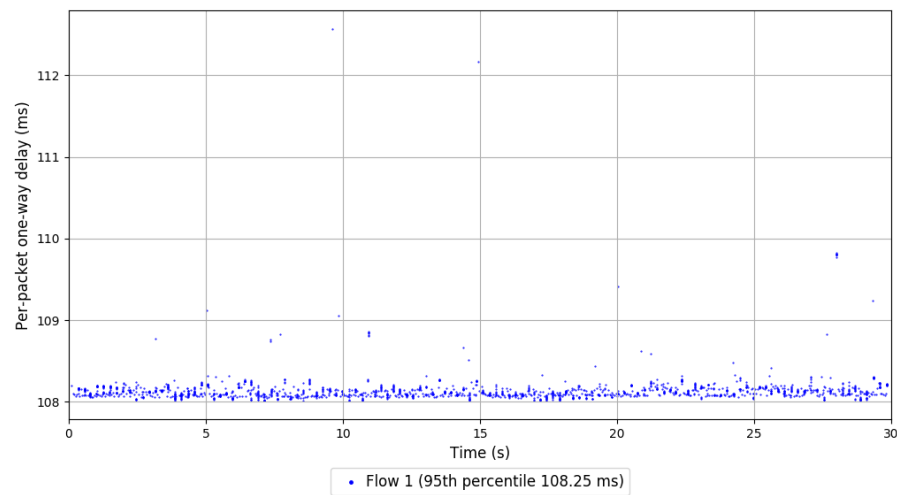
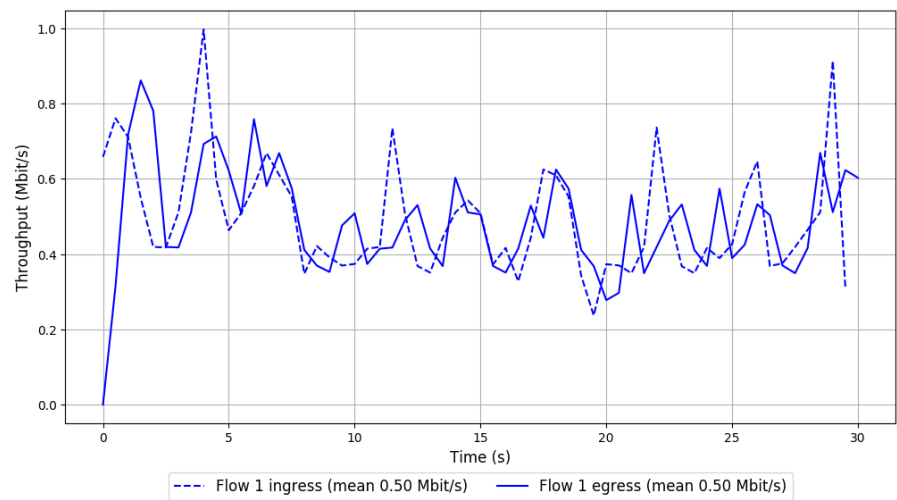
-- Flow 1:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 108.250 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

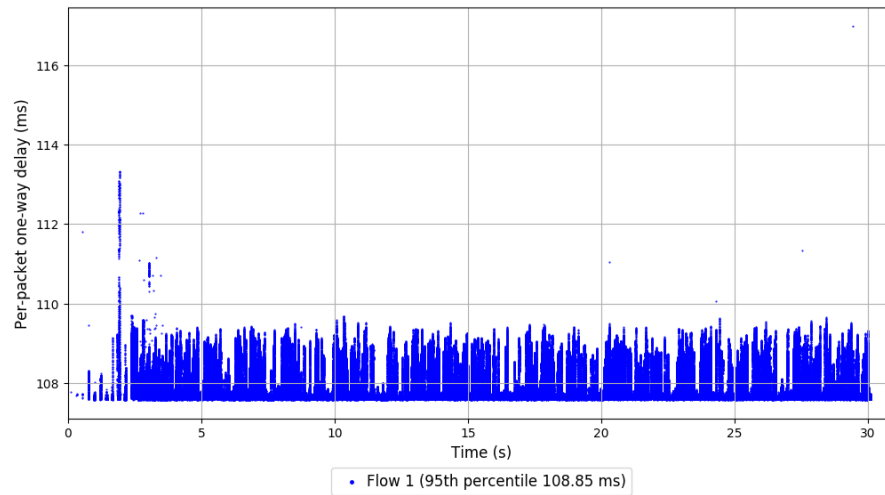
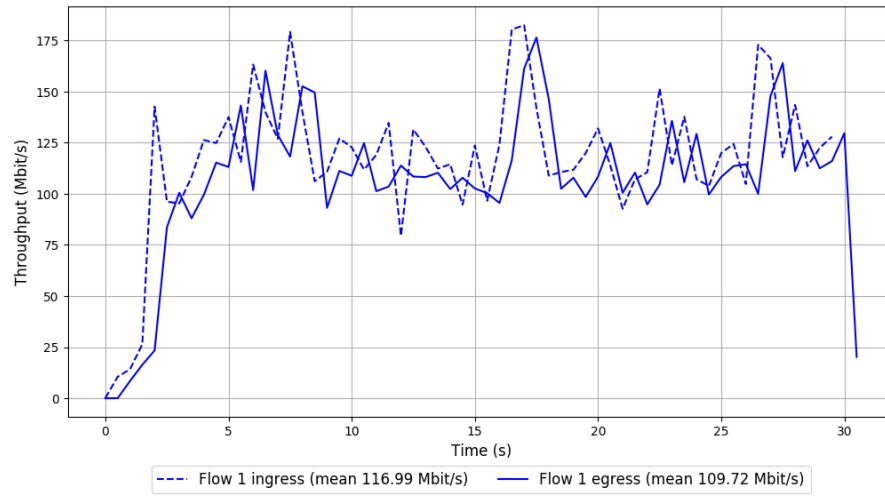


```
Run 1: Statistics of TaoVA-100x

Start at: 2021-03-08 00:10:16
End at: 2021-03-08 00:10:46

# Below is generated by plot.py at 2021-03-08 00:40:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.72 Mbit/s
95th percentile per-packet one-way delay: 108.848 ms
Loss rate: 6.24%
-- Flow 1:
Average throughput: 109.72 Mbit/s
95th percentile per-packet one-way delay: 108.848 ms
Loss rate: 6.24%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2021-03-08 00:20:40

End at: 2021-03-08 00:21:10

Below is generated by plot.py at 2021-03-08 00:40:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 130.03 Mbit/s

95th percentile per-packet one-way delay: 109.069 ms

Loss rate: 4.23%

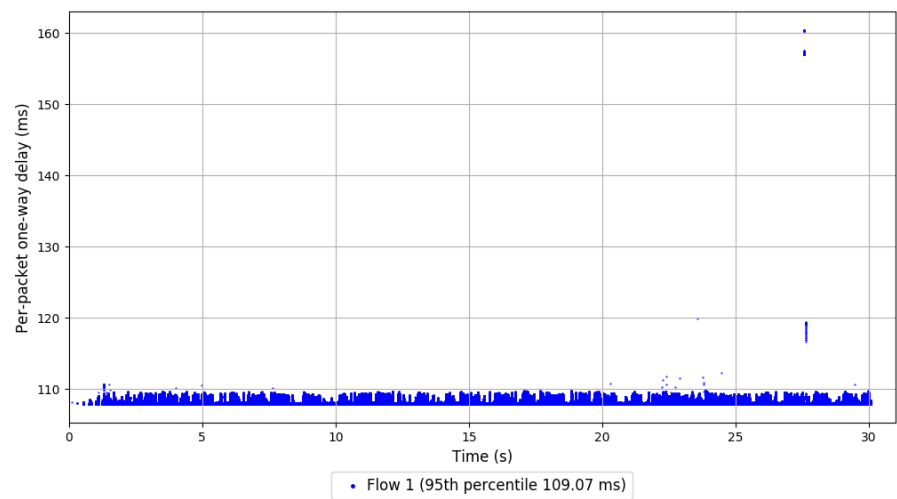
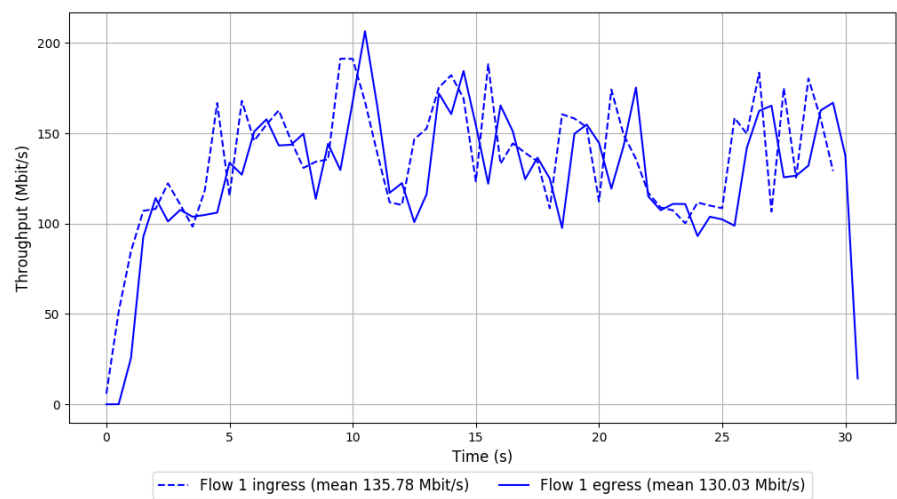
-- Flow 1:

Average throughput: 130.03 Mbit/s

95th percentile per-packet one-way delay: 109.069 ms

Loss rate: 4.23%

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



Run 3: Statistics of TaoVA-100x

Start at: 2021-03-08 00:30:48

End at: 2021-03-08 00:31:18

Below is generated by plot.py at 2021-03-08 00:40:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.92 Mbit/s

95th percentile per-packet one-way delay: 108.005 ms

Loss rate: 0.19%

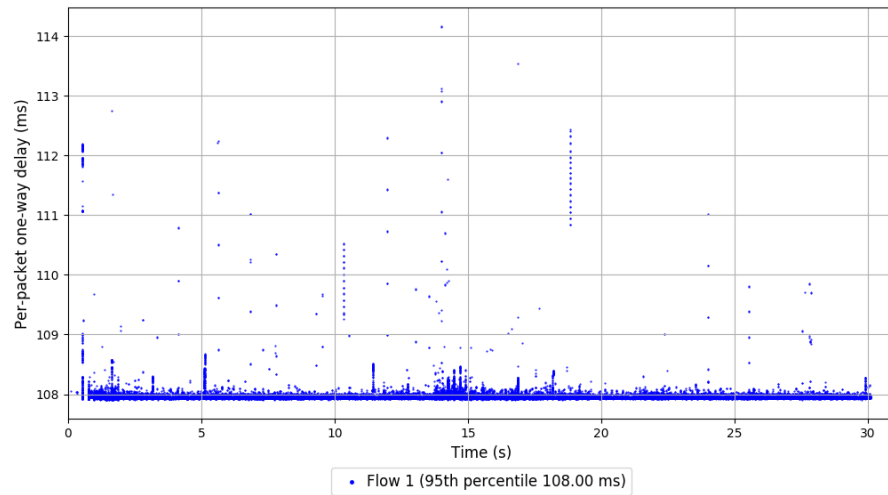
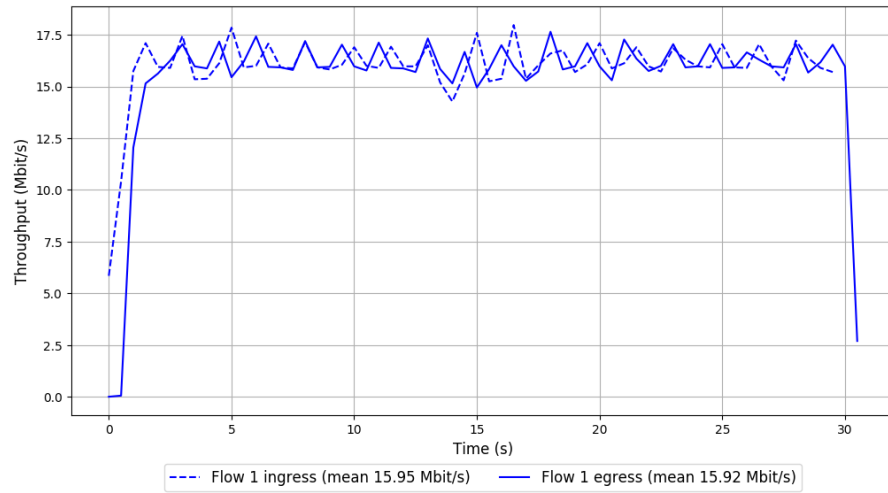
-- Flow 1:

Average throughput: 15.92 Mbit/s

95th percentile per-packet one-way delay: 108.005 ms

Loss rate: 0.19%

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



Run 1: Statistics of TCP Vegas

Start at: 2021-03-08 00:07:11

End at: 2021-03-08 00:07:41

Below is generated by plot.py at 2021-03-08 00:40:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.43 Mbit/s

95th percentile per-packet one-way delay: 108.235 ms

Loss rate: 0.97%

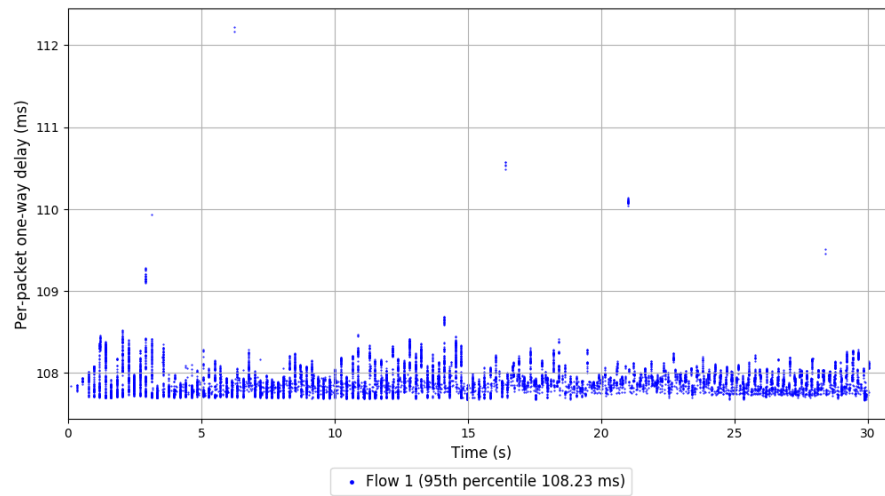
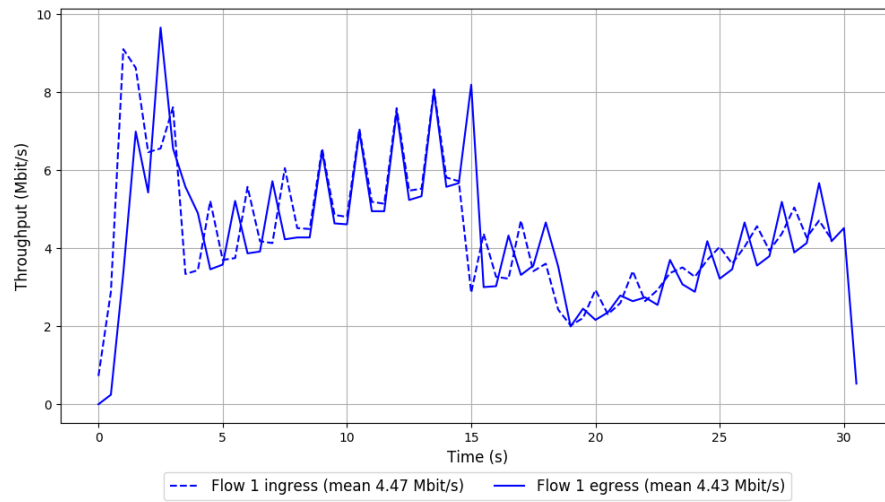
-- Flow 1:

Average throughput: 4.43 Mbit/s

95th percentile per-packet one-way delay: 108.235 ms

Loss rate: 0.97%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2021-03-08 00:17:32

End at: 2021-03-08 00:18:02

Below is generated by plot.py at 2021-03-08 00:40:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.88 Mbit/s

95th percentile per-packet one-way delay: 108.473 ms

Loss rate: 0.87%

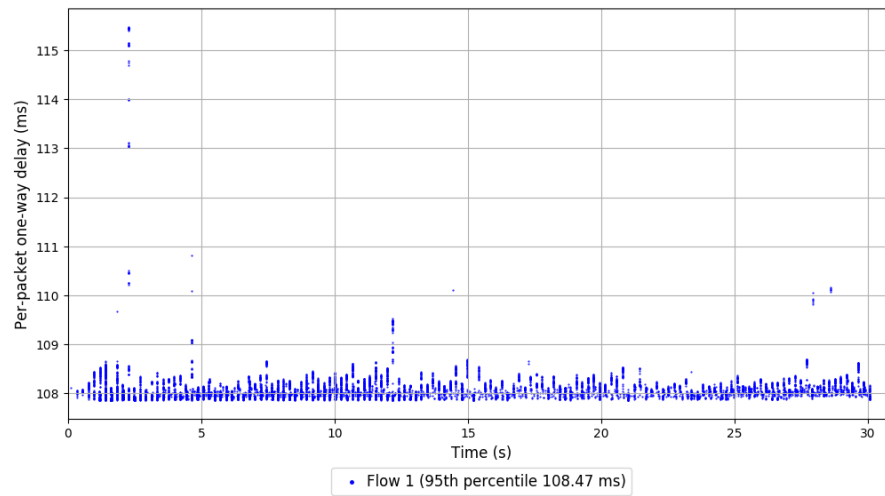
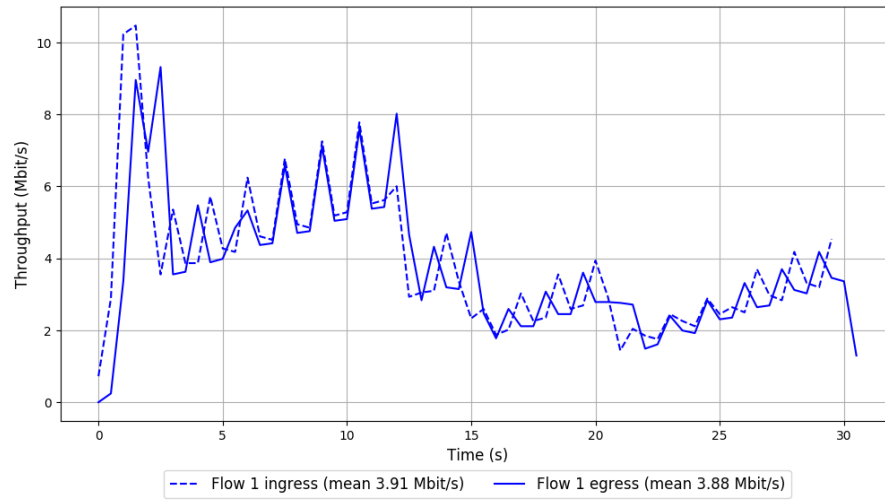
-- Flow 1:

Average throughput: 3.88 Mbit/s

95th percentile per-packet one-way delay: 108.473 ms

Loss rate: 0.87%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2021-03-08 00:27:42

End at: 2021-03-08 00:28:12

Below is generated by plot.py at 2021-03-08 00:40:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.73 Mbit/s

95th percentile per-packet one-way delay: 108.338 ms

Loss rate: 0.94%

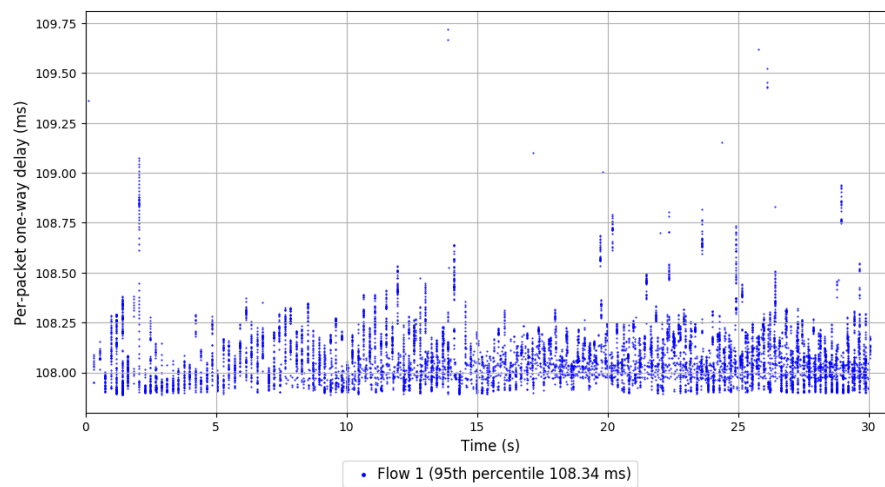
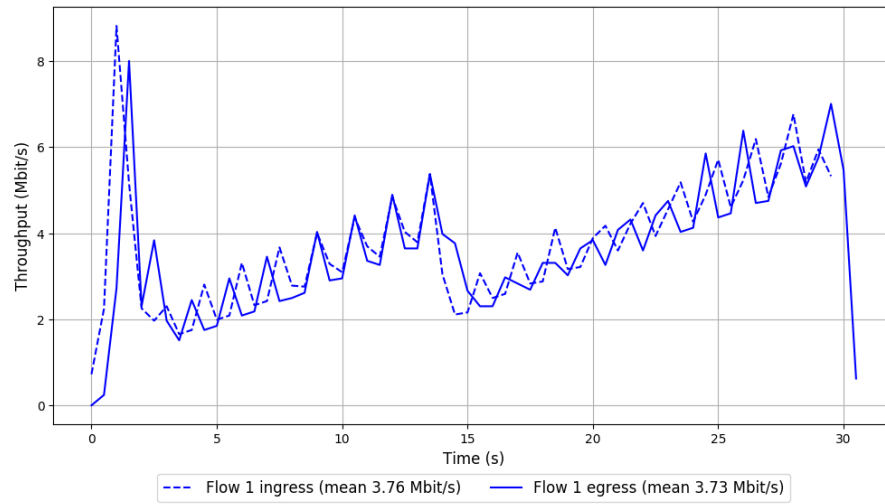
-- Flow 1:

Average throughput: 3.73 Mbit/s

95th percentile per-packet one-way delay: 108.338 ms

Loss rate: 0.94%

Run 3: Report of TCP Vegas — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2021-03-08 00:05:25

End at: 2021-03-08 00:05:55

Below is generated by plot.py at 2021-03-08 00:41:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 148.88 Mbit/s

95th percentile per-packet one-way delay: 108.378 ms

Loss rate: 0.34%

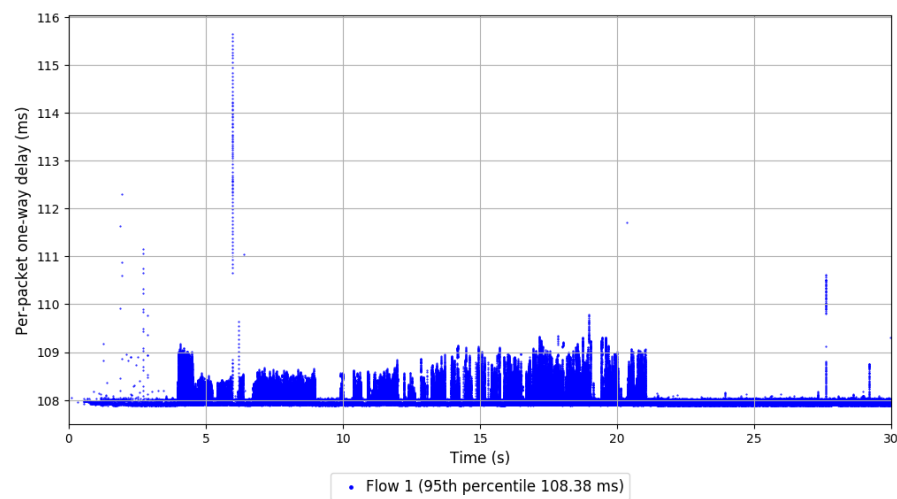
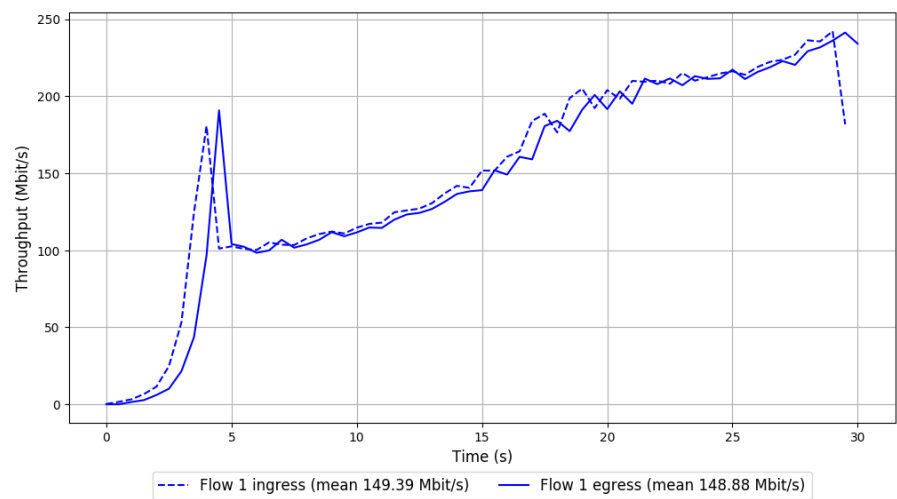
-- Flow 1:

Average throughput: 148.88 Mbit/s

95th percentile per-packet one-way delay: 108.378 ms

Loss rate: 0.34%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2021-03-08 00:15:44

End at: 2021-03-08 00:16:14

Below is generated by plot.py at 2021-03-08 00:41:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.49 Mbit/s

95th percentile per-packet one-way delay: 108.500 ms

Loss rate: 2.51%

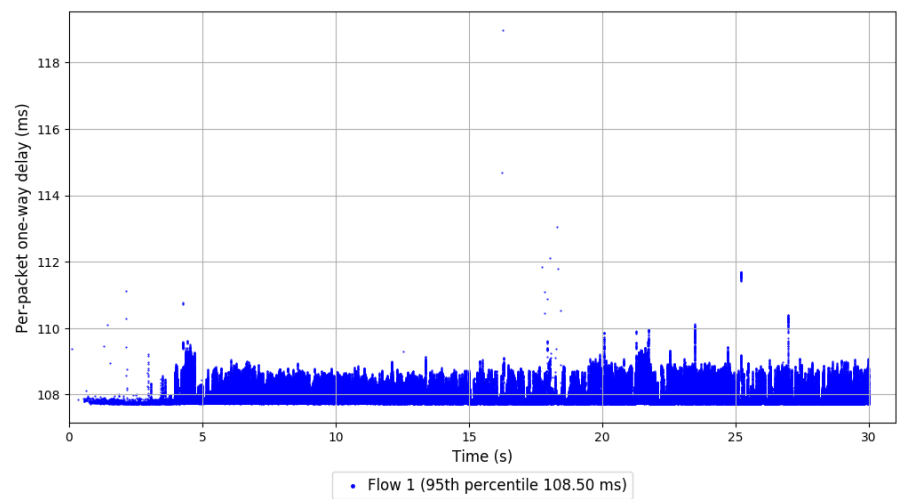
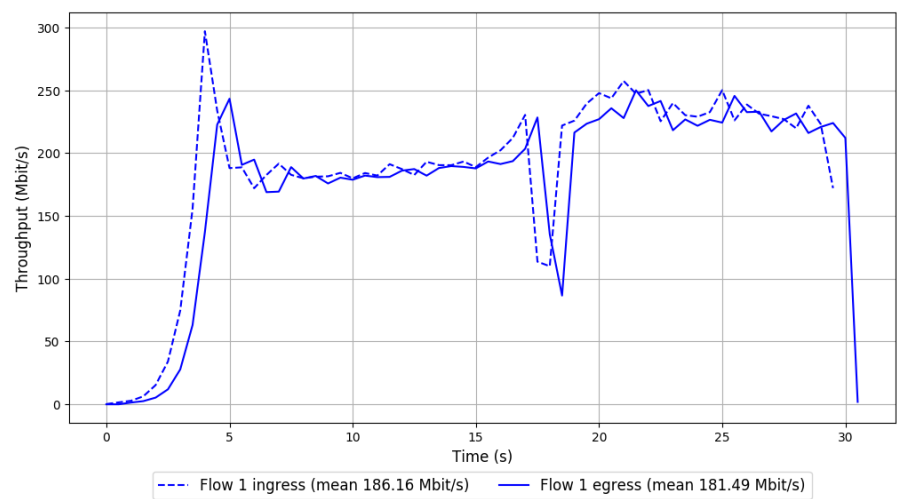
-- Flow 1:

Average throughput: 181.49 Mbit/s

95th percentile per-packet one-way delay: 108.500 ms

Loss rate: 2.51%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2021-03-08 00:25:58

End at: 2021-03-08 00:26:28

Below is generated by plot.py at 2021-03-08 00:41:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 106.13 Mbit/s

95th percentile per-packet one-way delay: 108.807 ms

Loss rate: 2.07%

-- Flow 1:

Average throughput: 106.13 Mbit/s

95th percentile per-packet one-way delay: 108.807 ms

Loss rate: 2.07%

Run 3: Report of PCC-Vivace — Data Link

