

Pantheon Report

Generated at 2019-05-29 21:37:32 (UTC).

Data path: AWS Brazil 1 on `ens5` (*local*) →Brazil on `p4p1` (*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 `gps.ntp.br` and have been applied to correct the timestamps in logs.

System info:

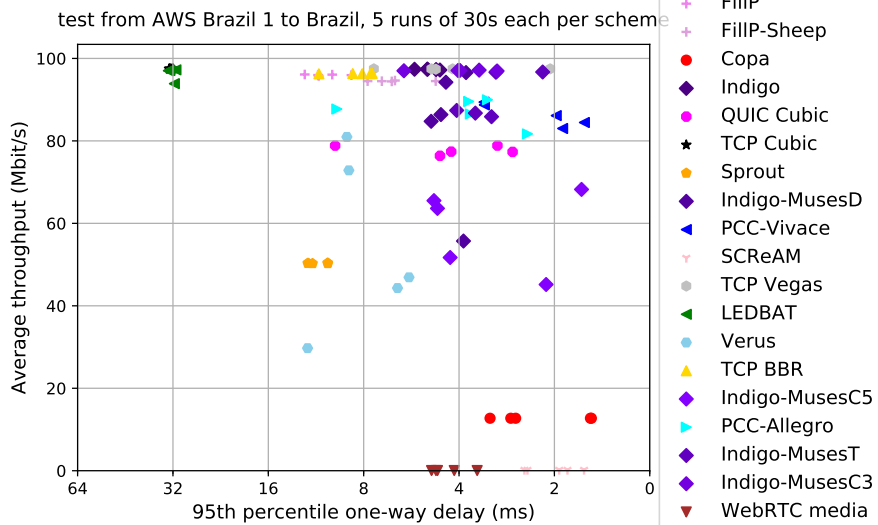
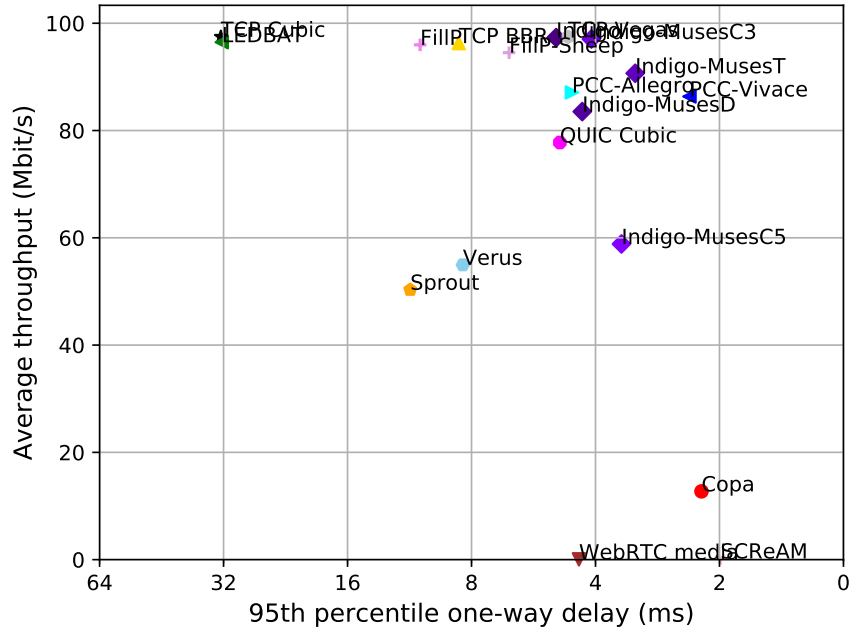
```
Linux 4.15.0-1035-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

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 Brazil 1 to Brazil, 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	96.30	8.59	0.00
Copa	5	12.73	2.21	65.52
TCP Cubic	5	97.47	32.49	0.01
FillP	5	95.97	10.66	0.28
FillP-Sheep	5	94.51	6.48	0.09
Indigo	5	97.33	4.98	0.00
Indigo-MusesC3	5	97.06	4.09	0.00
Indigo-MusesC5	5	58.85	3.46	0.00
Indigo-MusesD	5	83.53	4.31	0.00
Indigo-MusesT	5	90.67	3.20	0.00
LEDBAT	5	96.46	32.33	0.01
PCC-Allegro	5	87.10	4.56	0.01
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	77.77	4.88	0.33
SReAM	5	0.22	1.98	0.00
Sprout	5	50.31	11.27	0.00
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	97.45	4.66	0.00
Verus	5	54.96	8.40	1.39
PCC-Vivace	5	86.35	2.37	0.00
WebRTC media	5	0.05	4.39	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-05-29 19:45:40

End at: 2019-05-29 19:46:10

Local clock offset: -9.997 ms

Remote clock offset: 0.335 ms

Below is generated by plot.py at 2019-05-29 21:28:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.079 ms

Loss rate: 0.00%

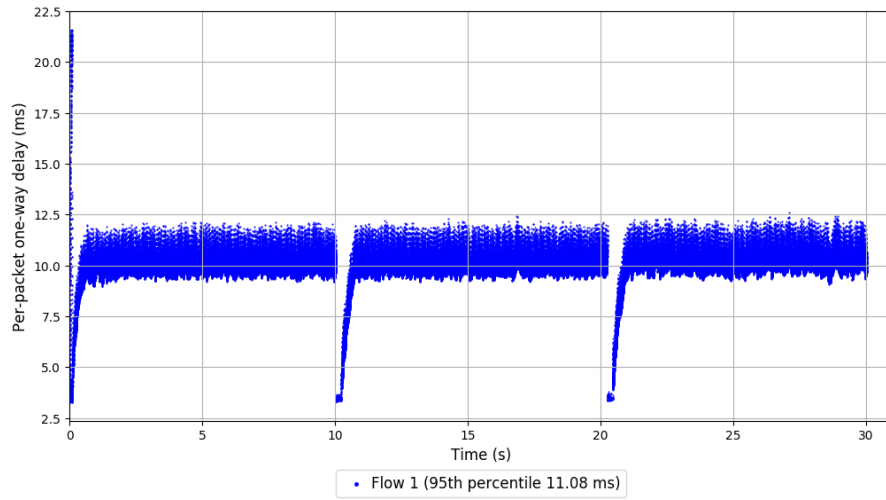
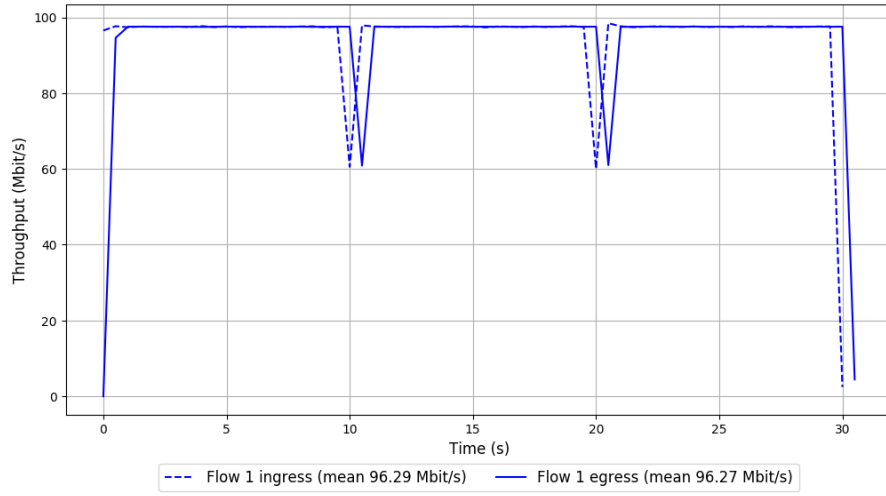
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.079 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-05-29 20:09:07

End at: 2019-05-29 20:09:37

Local clock offset: -8.443 ms

Remote clock offset: 0.449 ms

Below is generated by plot.py at 2019-05-29 21:28:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.29 Mbit/s

95th percentile per-packet one-way delay: 7.615 ms

Loss rate: 0.00%

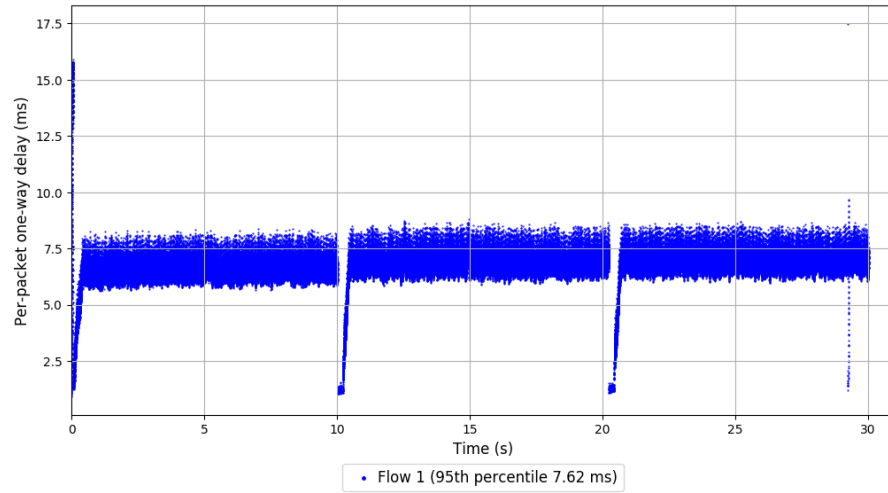
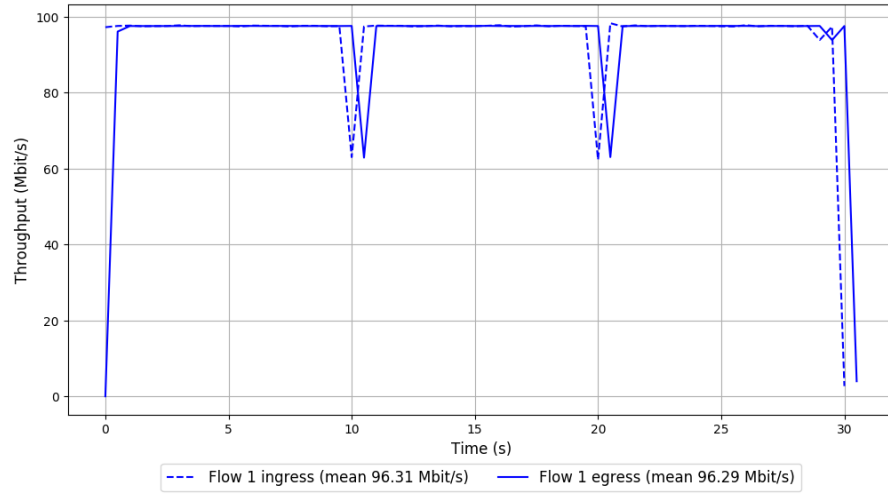
-- Flow 1:

Average throughput: 96.29 Mbit/s

95th percentile per-packet one-way delay: 7.615 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-05-29 20:32:30

End at: 2019-05-29 20:33:00

Local clock offset: -6.132 ms

Remote clock offset: 0.614 ms

Below is generated by plot.py at 2019-05-29 21:28:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 7.520 ms

Loss rate: 0.00%

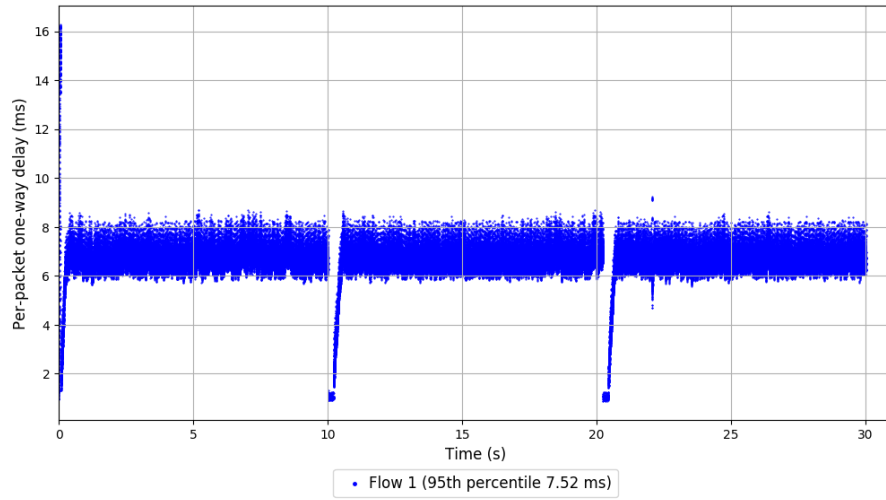
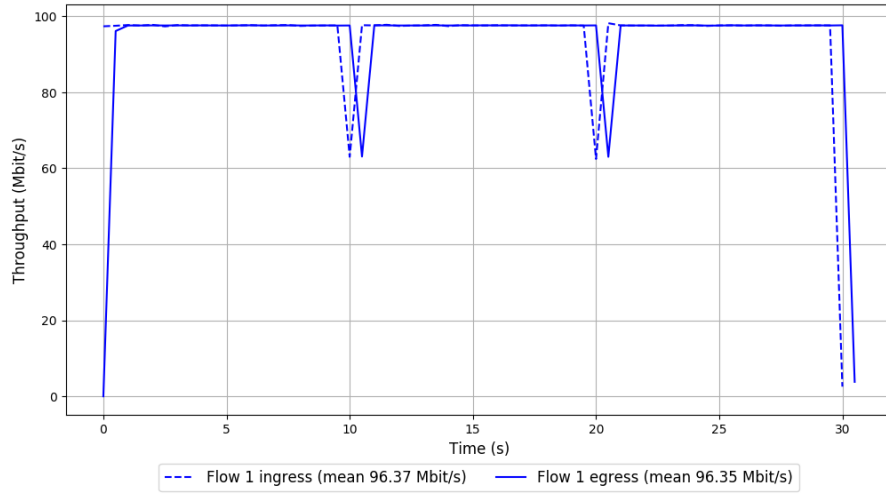
-- Flow 1:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 7.520 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-05-29 20:55:58

End at: 2019-05-29 20:56:28

Local clock offset: -4.053 ms

Remote clock offset: 0.595 ms

Below is generated by plot.py at 2019-05-29 21:28:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 8.082 ms

Loss rate: 0.00%

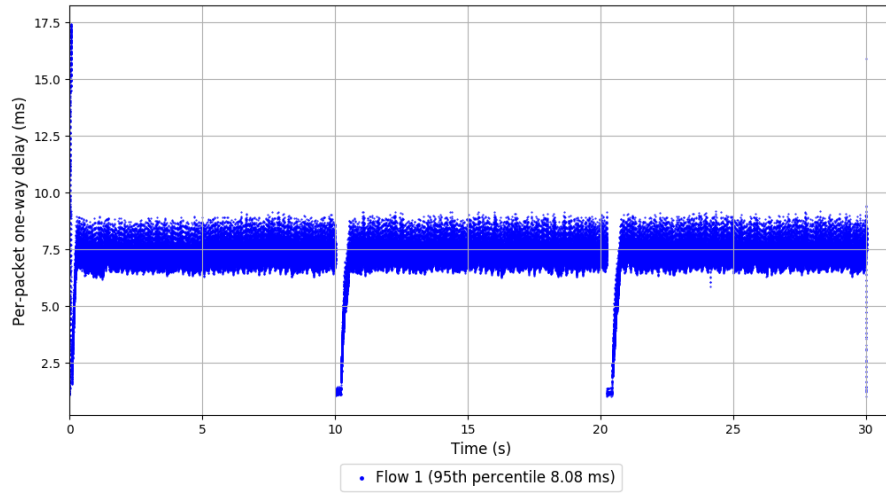
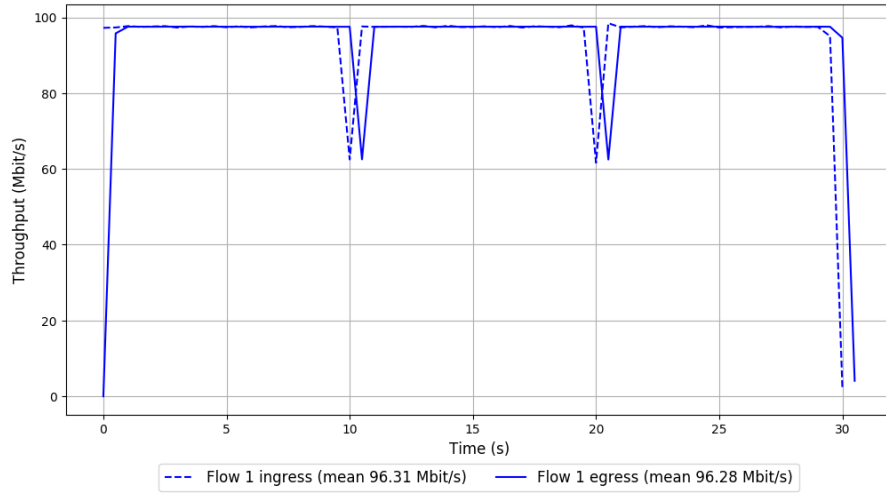
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 8.082 ms

Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-05-29 21:19:26

End at: 2019-05-29 21:19:56

Local clock offset: -6.072 ms

Remote clock offset: 0.501 ms

Below is generated by plot.py at 2019-05-29 21:28:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 8.662 ms

Loss rate: 0.00%

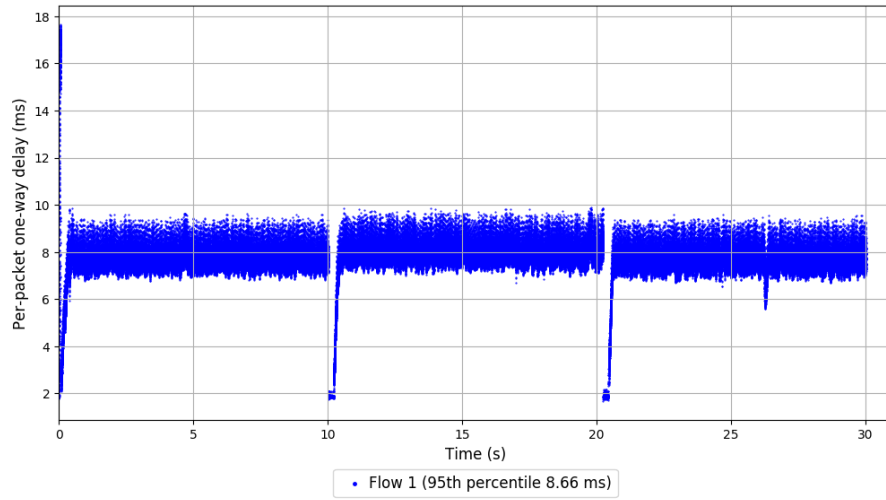
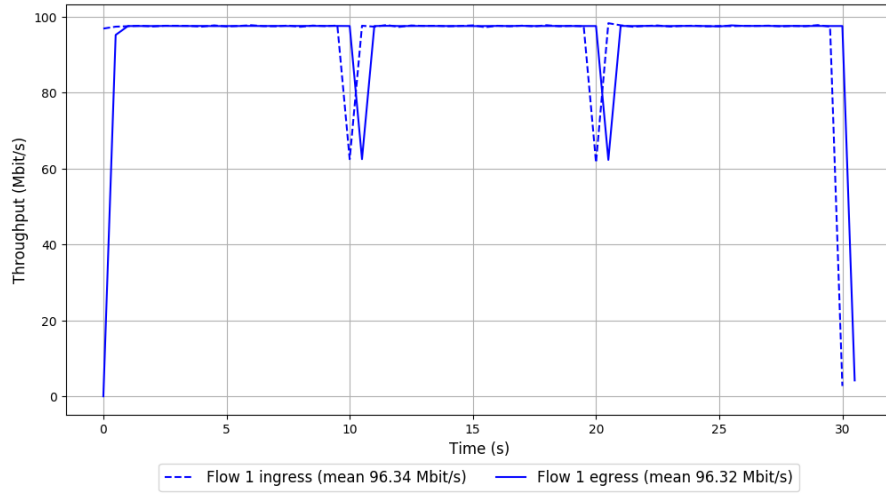
-- Flow 1:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 8.662 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

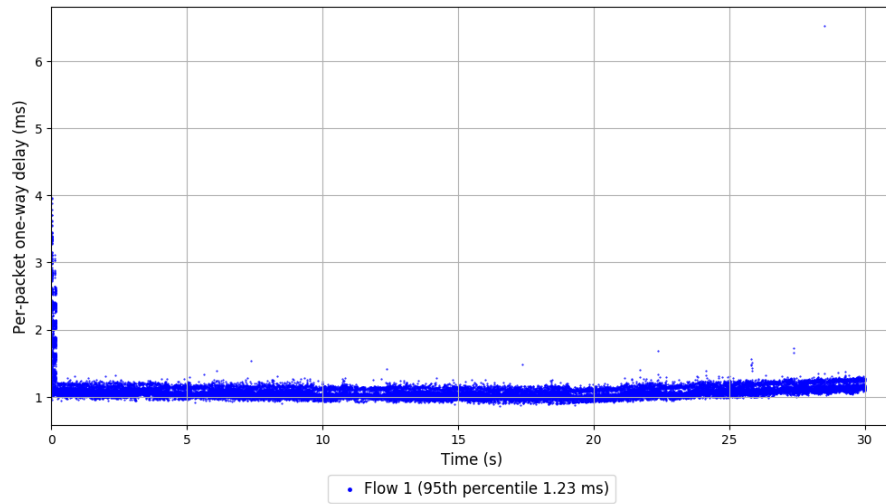
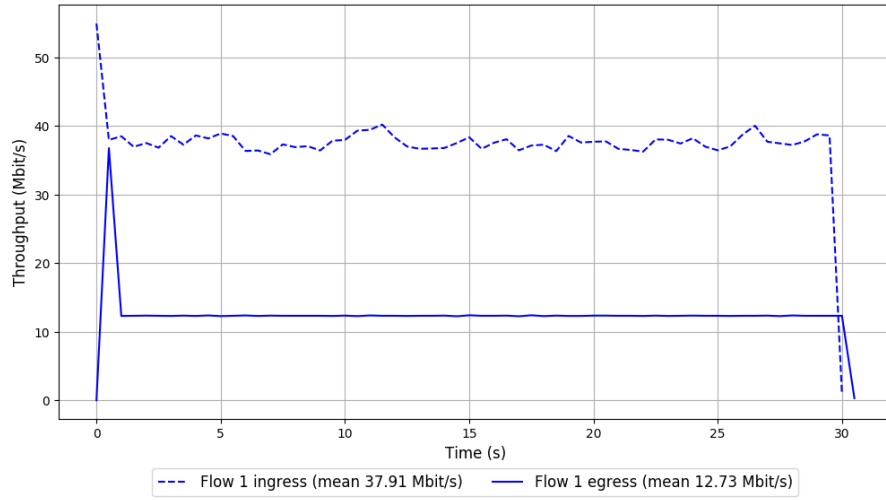


Run 1: Statistics of Copa

Start at: 2019-05-29 19:36:53
End at: 2019-05-29 19:37:23
Local clock offset: -13.518 ms
Remote clock offset: 0.19 ms

Below is generated by plot.py at 2019-05-29 21:28:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 1.225 ms
Loss rate: 66.42%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 1.225 ms
Loss rate: 66.42%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2019-05-29 20:00:19

End at: 2019-05-29 20:00:49

Local clock offset: -9.248 ms

Remote clock offset: 0.364 ms

Below is generated by plot.py at 2019-05-29 21:28:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 3.193 ms

Loss rate: 64.29%

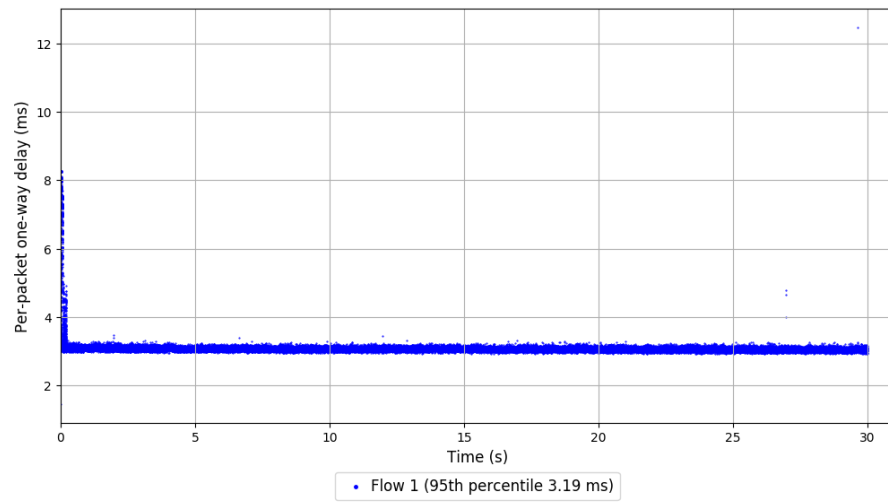
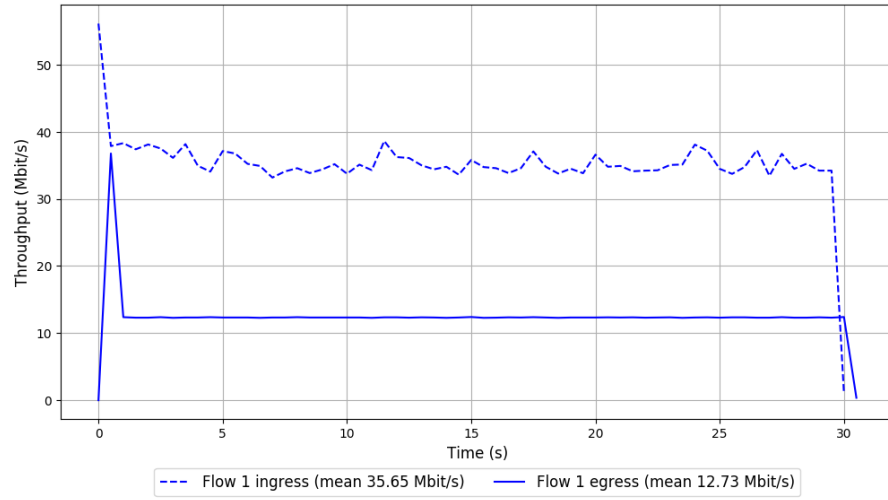
-- Flow 1:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 3.193 ms

Loss rate: 64.29%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2019-05-29 20:23:44

End at: 2019-05-29 20:24:14

Local clock offset: -6.212 ms

Remote clock offset: 0.543 ms

Below is generated by plot.py at 2019-05-29 21:28:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 2.746 ms

Loss rate: 64.37%

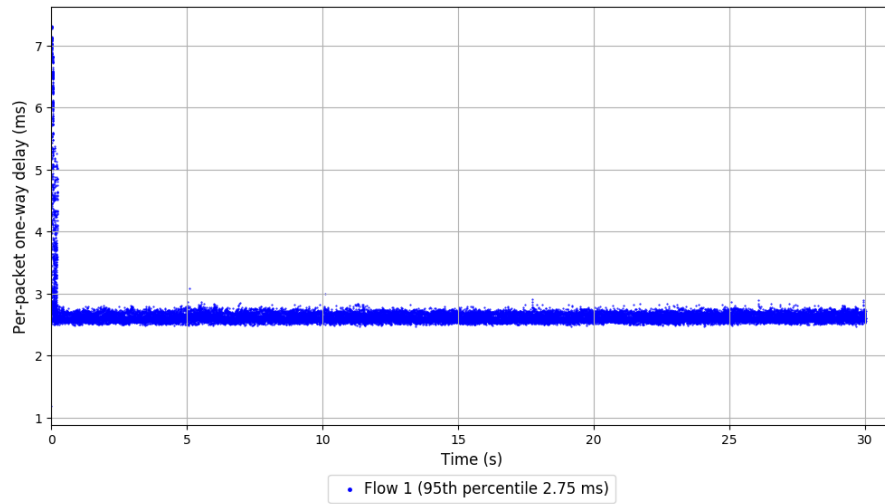
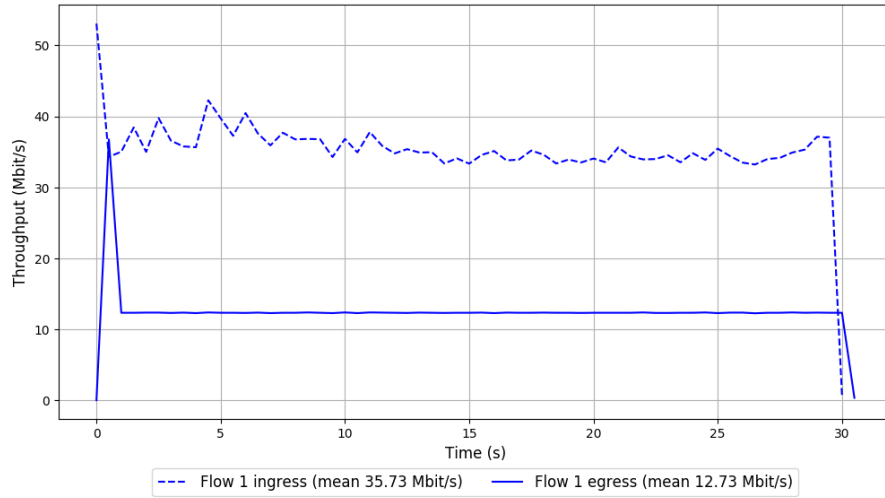
-- Flow 1:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 2.746 ms

Loss rate: 64.37%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2019-05-29 20:47:10

End at: 2019-05-29 20:47:40

Local clock offset: -4.514 ms

Remote clock offset: 0.601 ms

Below is generated by plot.py at 2019-05-29 21:28:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 1.244 ms

Loss rate: 67.97%

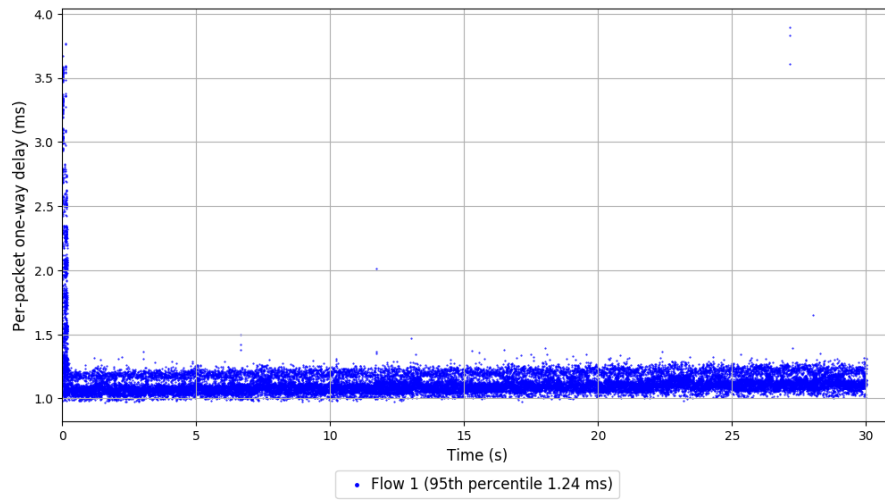
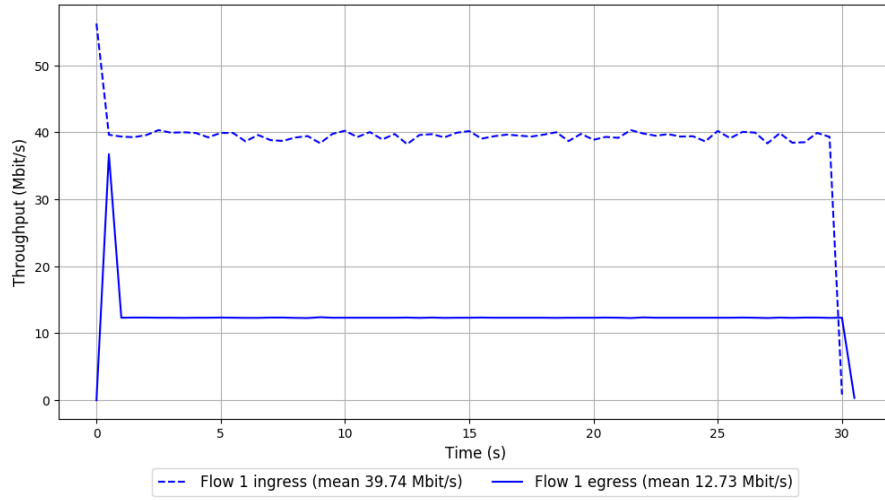
-- Flow 1:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 1.244 ms

Loss rate: 67.97%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2019-05-29 21:10:39

End at: 2019-05-29 21:11:09

Local clock offset: -4.433 ms

Remote clock offset: 0.55 ms

Below is generated by plot.py at 2019-05-29 21:28:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 2.651 ms

Loss rate: 64.55%

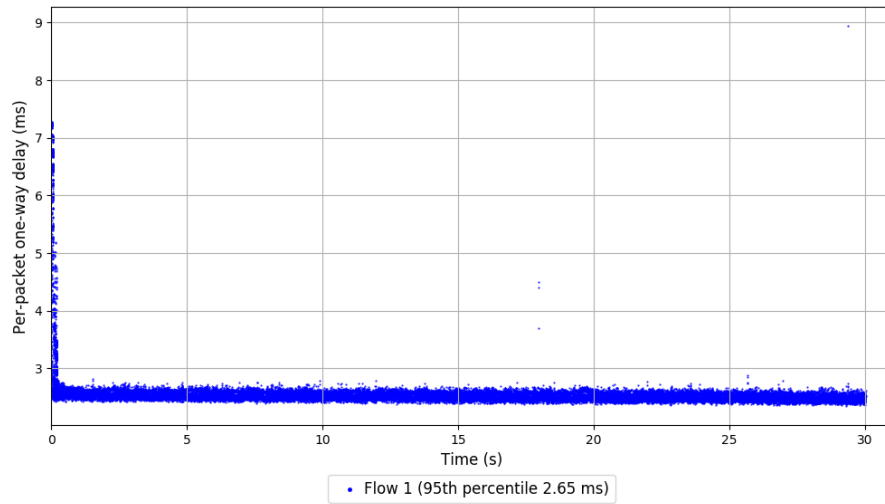
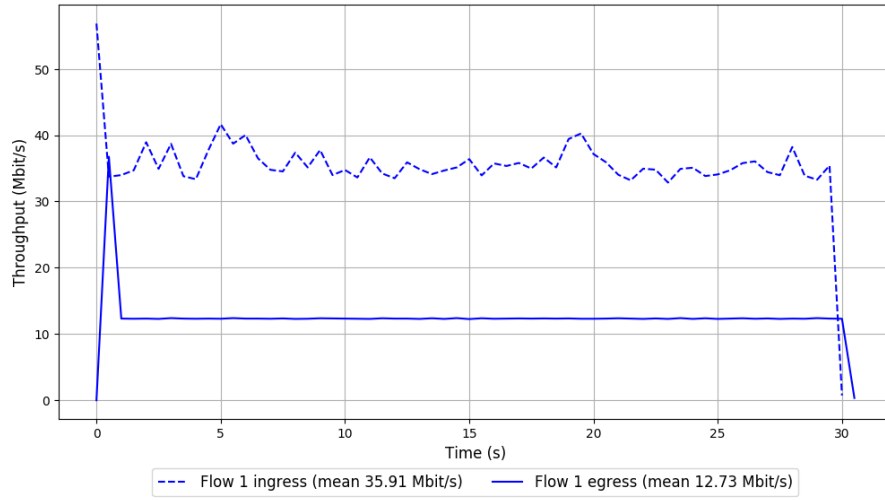
-- Flow 1:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 2.651 ms

Loss rate: 64.55%

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-05-29 19:50:10

End at: 2019-05-29 19:50:40

Local clock offset: -8.673 ms

Remote clock offset: 0.272 ms

Below is generated by plot.py at 2019-05-29 21:28:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.614 ms

Loss rate: 0.01%

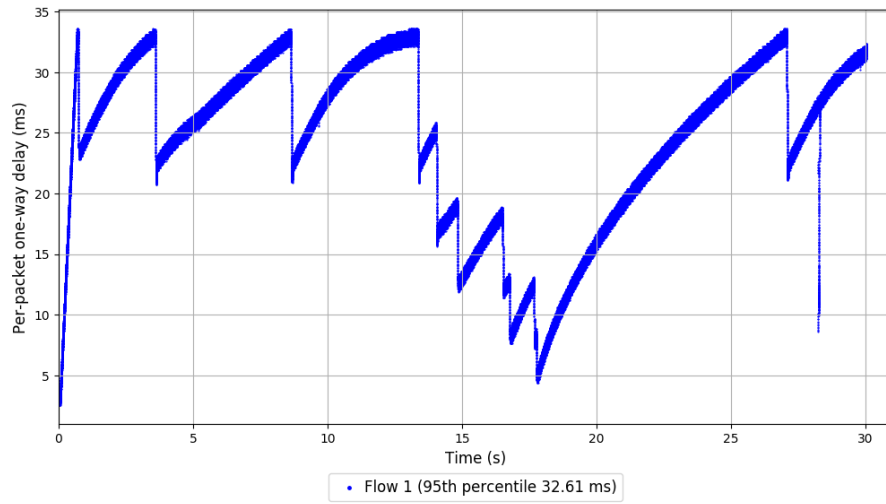
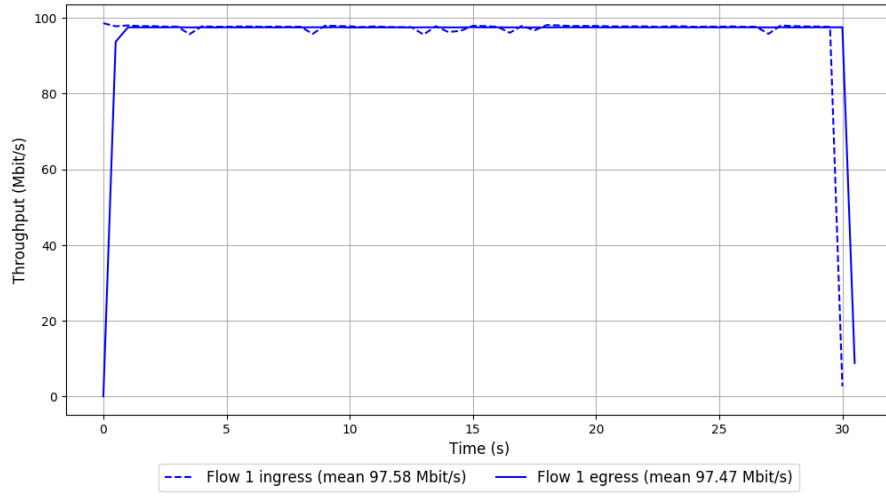
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.614 ms

Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-05-29 20:13:35

End at: 2019-05-29 20:14:05

Local clock offset: -8.029 ms

Remote clock offset: 0.492 ms

Below is generated by plot.py at 2019-05-29 21:28:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.209 ms

Loss rate: 0.01%

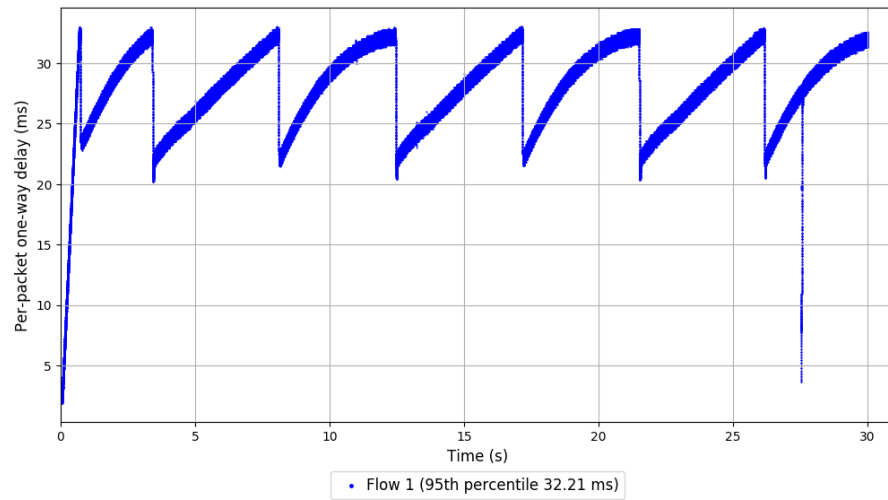
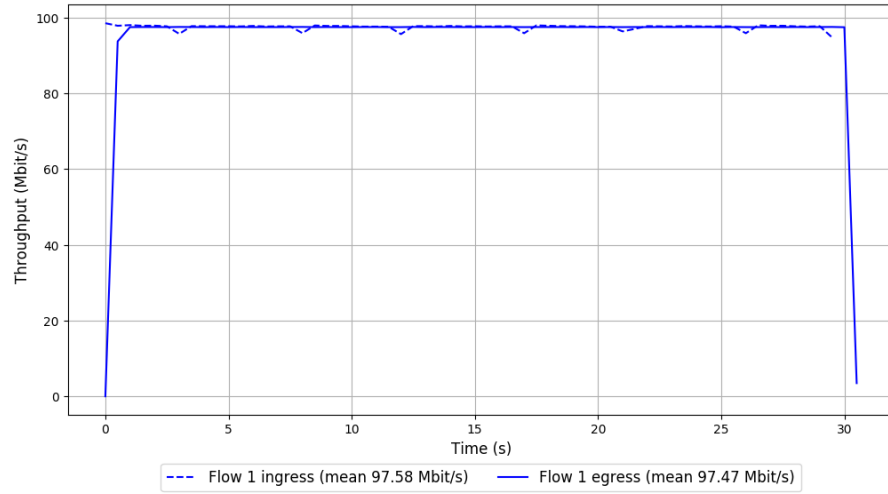
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.209 ms

Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-05-29 20:37:01

End at: 2019-05-29 20:37:31

Local clock offset: -6.259 ms

Remote clock offset: 0.572 ms

Below is generated by plot.py at 2019-05-29 21:28:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.777 ms

Loss rate: 0.01%

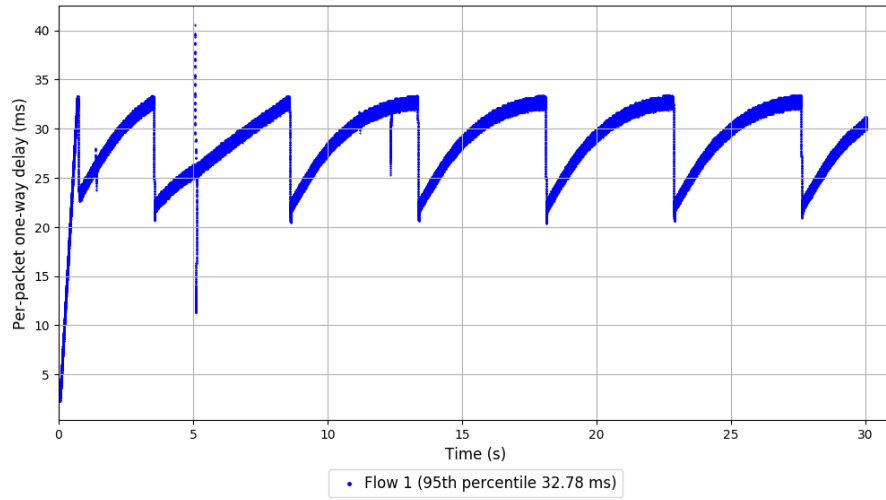
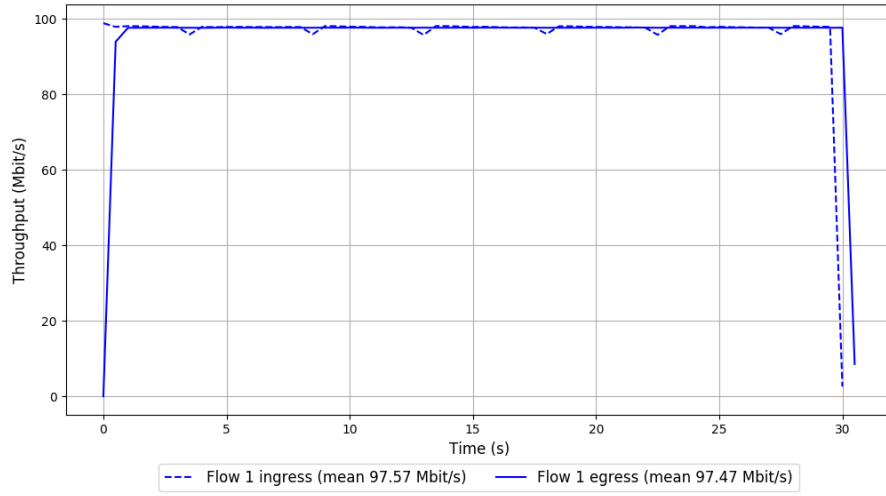
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.777 ms

Loss rate: 0.01%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-05-29 21:00:29

End at: 2019-05-29 21:00:59

Local clock offset: -3.979 ms

Remote clock offset: 0.557 ms

Below is generated by plot.py at 2019-05-29 21:29:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.906 ms

Loss rate: 0.01%

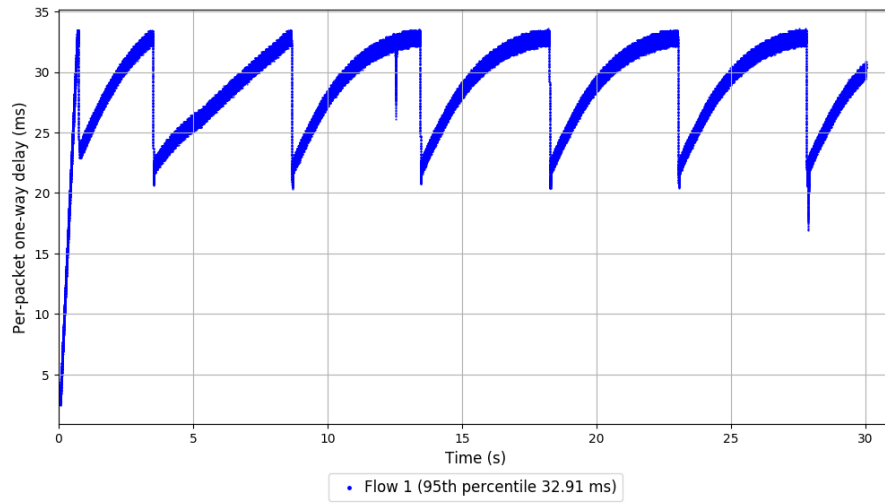
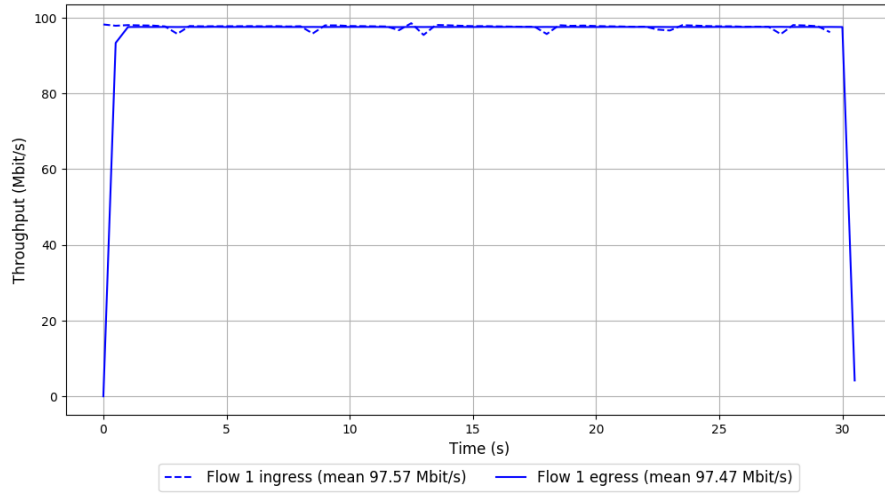
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.906 ms

Loss rate: 0.01%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-05-29 21:23:55

End at: 2019-05-29 21:24:25

Local clock offset: -6.16 ms

Remote clock offset: 0.516 ms

Below is generated by plot.py at 2019-05-29 21:29:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.933 ms

Loss rate: 0.01%

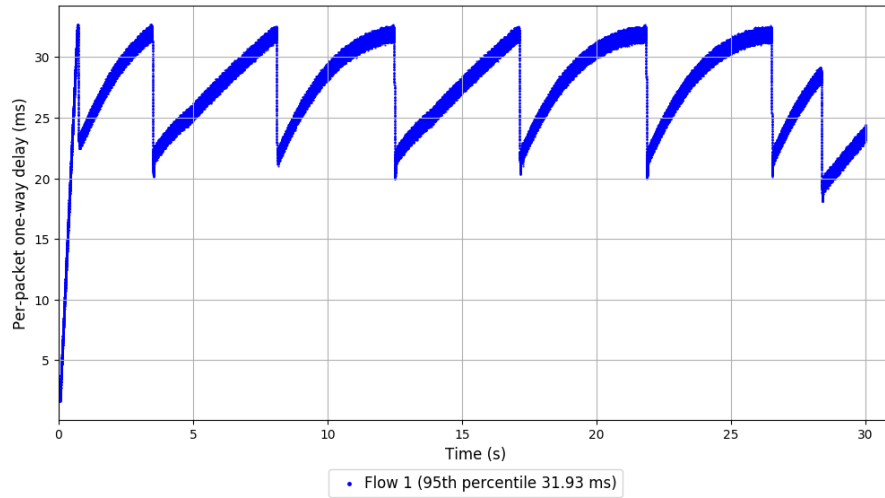
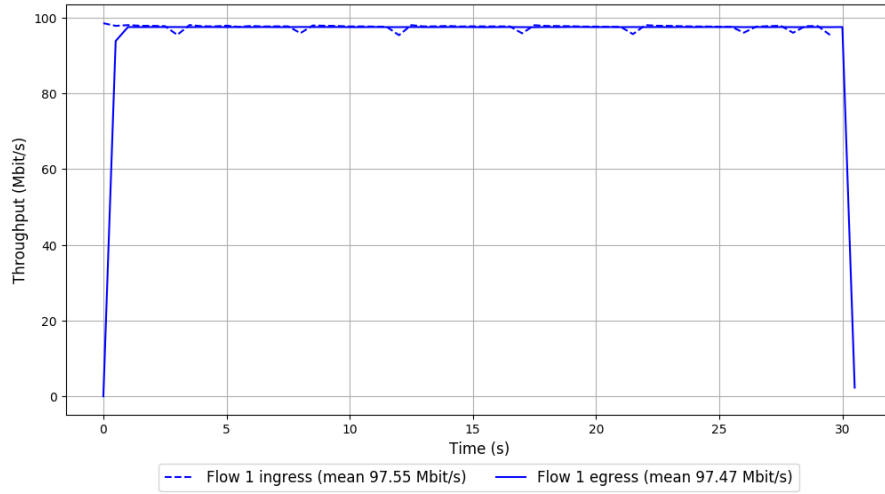
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.933 ms

Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link

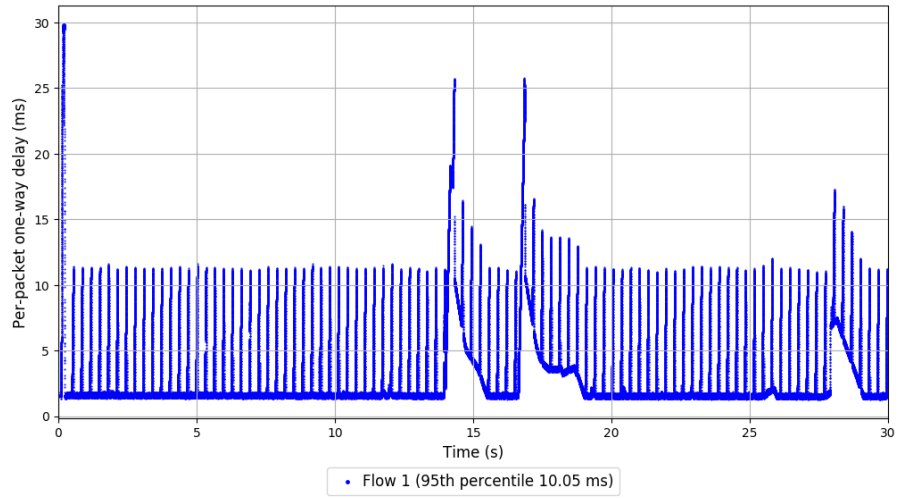
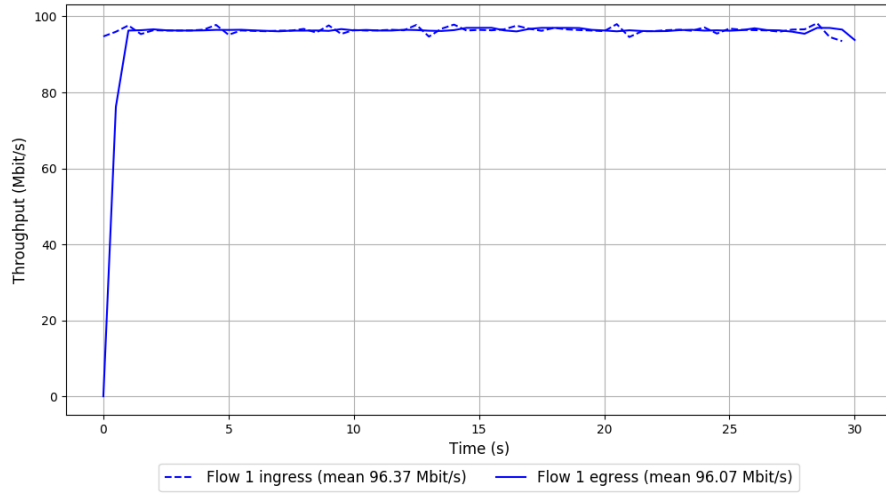


Run 1: Statistics of FillP

Start at: 2019-05-29 19:31:16
End at: 2019-05-29 19:31:46
Local clock offset: -13.053 ms
Remote clock offset: 0.096 ms

Below is generated by plot.py at 2019-05-29 21:29:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 10.054 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 10.054 ms
Loss rate: 0.31%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-05-29 19:54:42

End at: 2019-05-29 19:55:12

Local clock offset: -8.35 ms

Remote clock offset: 0.312 ms

Below is generated by plot.py at 2019-05-29 21:29:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 11.144 ms

Loss rate: 0.24%

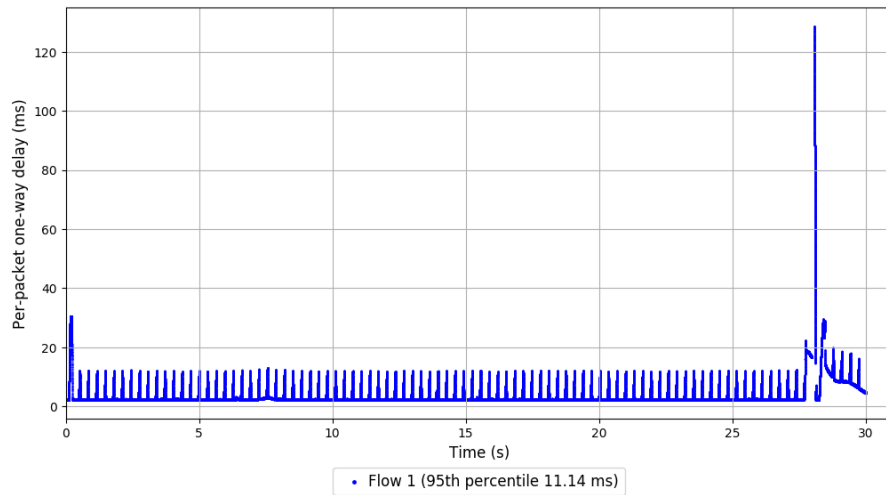
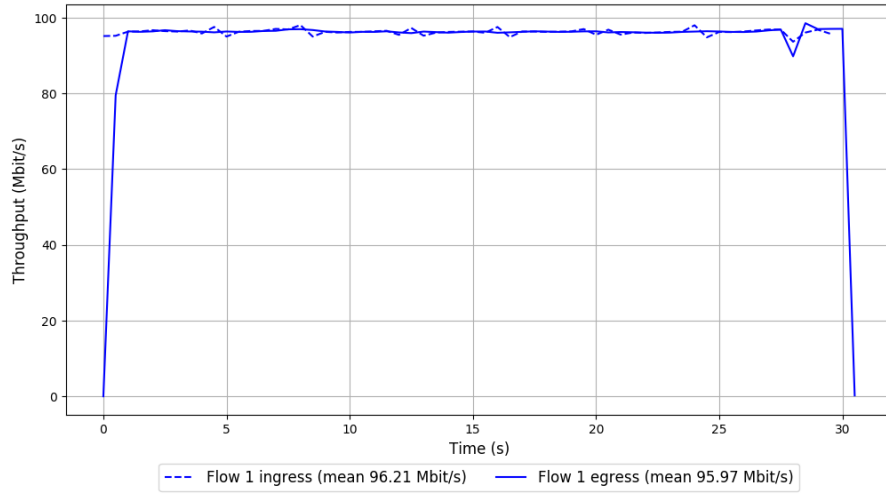
-- Flow 1:

Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 11.144 ms

Loss rate: 0.24%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-05-29 20:18:08

End at: 2019-05-29 20:18:38

Local clock offset: -7.411 ms

Remote clock offset: 0.511 ms

Below is generated by plot.py at 2019-05-29 21:29:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.76 Mbit/s

95th percentile per-packet one-way delay: 11.094 ms

Loss rate: 0.31%

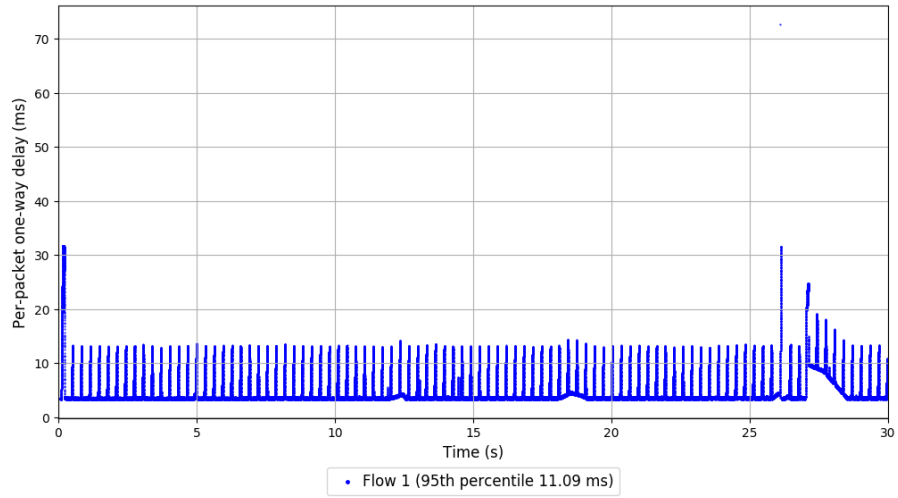
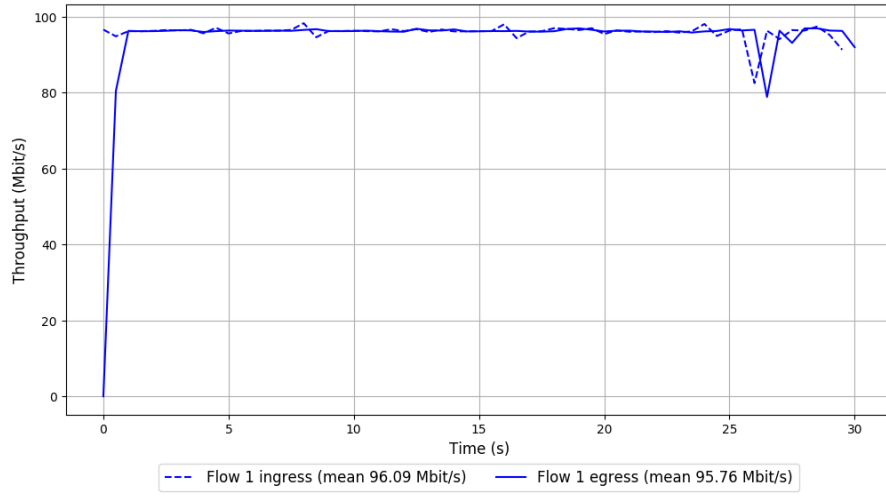
-- Flow 1:

Average throughput: 95.76 Mbit/s

95th percentile per-packet one-way delay: 11.094 ms

Loss rate: 0.31%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-05-29 20:41:33

End at: 2019-05-29 20:42:03

Local clock offset: -5.44 ms

Remote clock offset: 0.541 ms

Below is generated by plot.py at 2019-05-29 21:29:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 8.746 ms

Loss rate: 0.28%

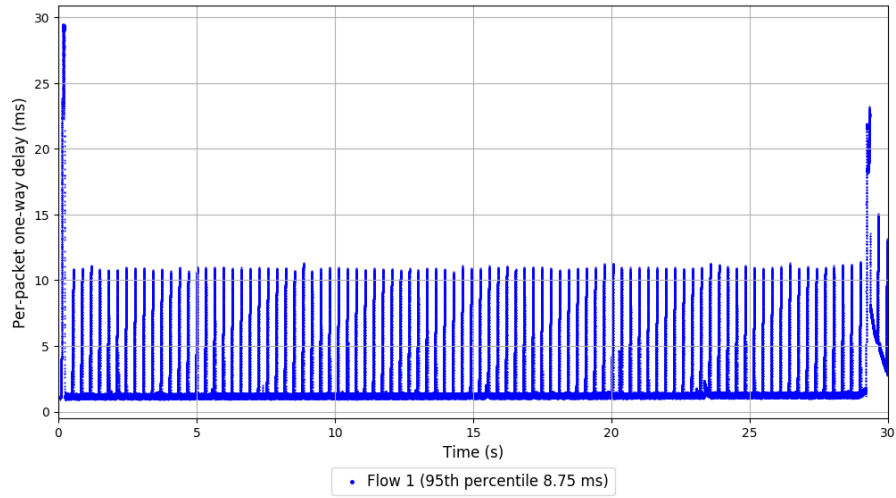
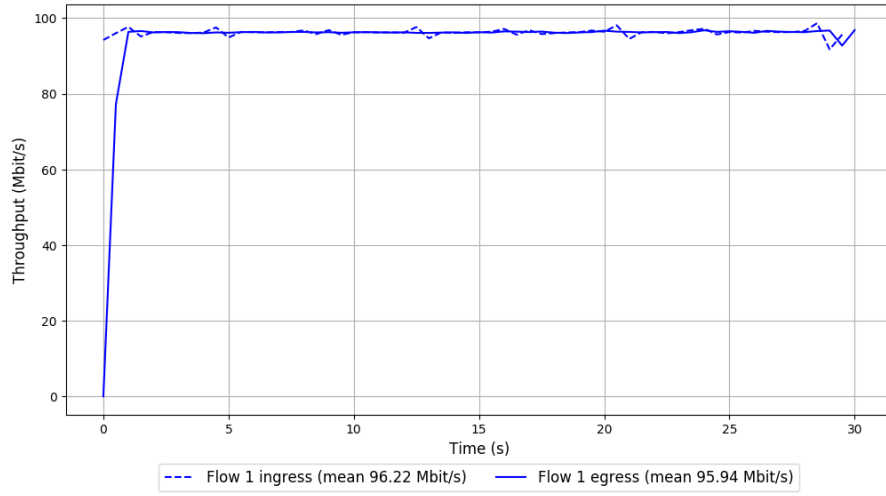
-- Flow 1:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 8.746 ms

Loss rate: 0.28%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-05-29 21:05:01

End at: 2019-05-29 21:05:31

Local clock offset: -4.539 ms

Remote clock offset: 0.554 ms

Below is generated by plot.py at 2019-05-29 21:29:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 12.277 ms

Loss rate: 0.25%

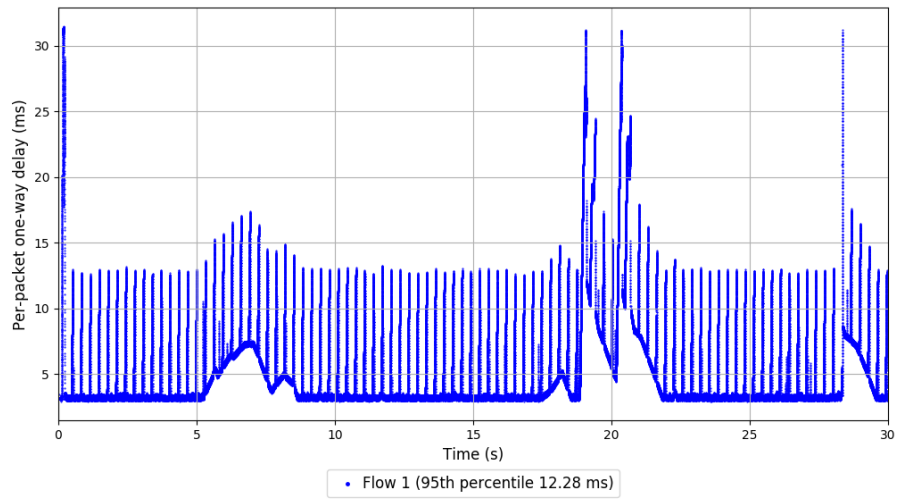
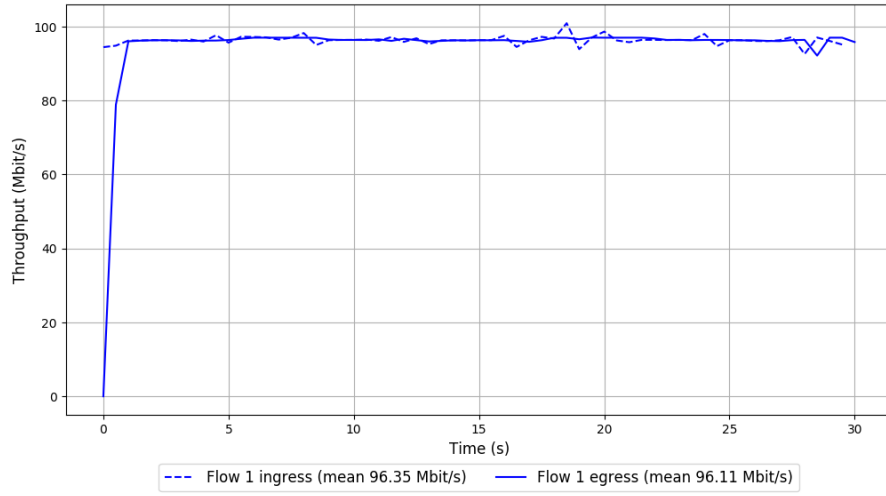
-- Flow 1:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 12.277 ms

Loss rate: 0.25%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-05-29 19:28:59
End at: 2019-05-29 19:29:29
Local clock offset: -12.131 ms
Remote clock offset: 0.057 ms

Below is generated by plot.py at 2019-05-29 21:29:53

Datalink statistics

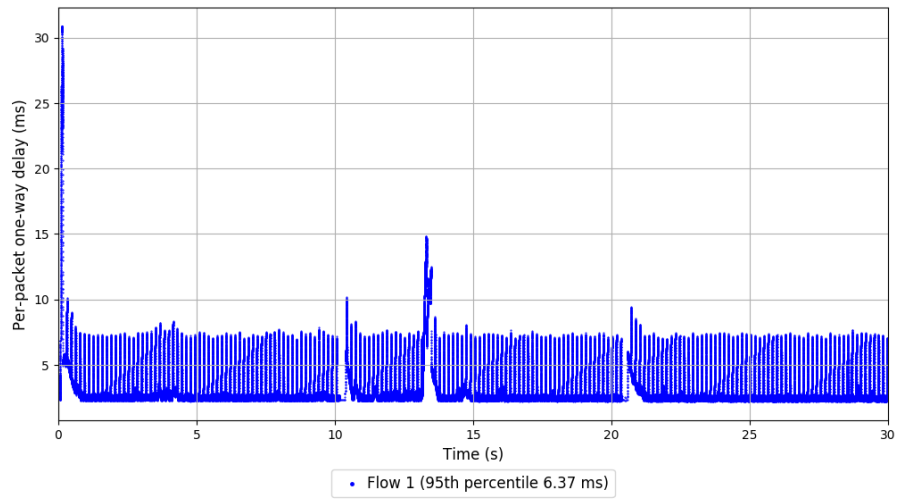
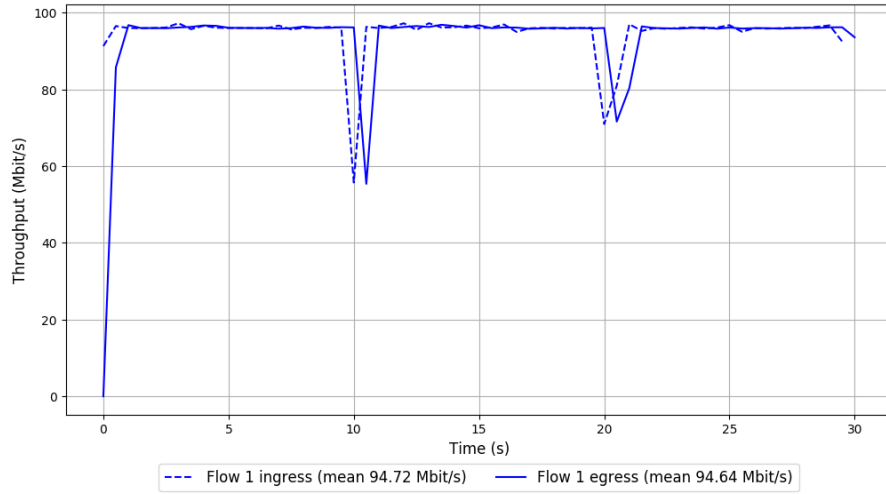
-- Total of 1 flow:

Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 6.373 ms
Loss rate: 0.09%

-- Flow 1:

Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 6.373 ms
Loss rate: 0.09%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-05-29 19:52:26

End at: 2019-05-29 19:52:56

Local clock offset: -9.123 ms

Remote clock offset: 0.307 ms

Below is generated by plot.py at 2019-05-29 21:30:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.48 Mbit/s

95th percentile per-packet one-way delay: 7.010 ms

Loss rate: 0.10%

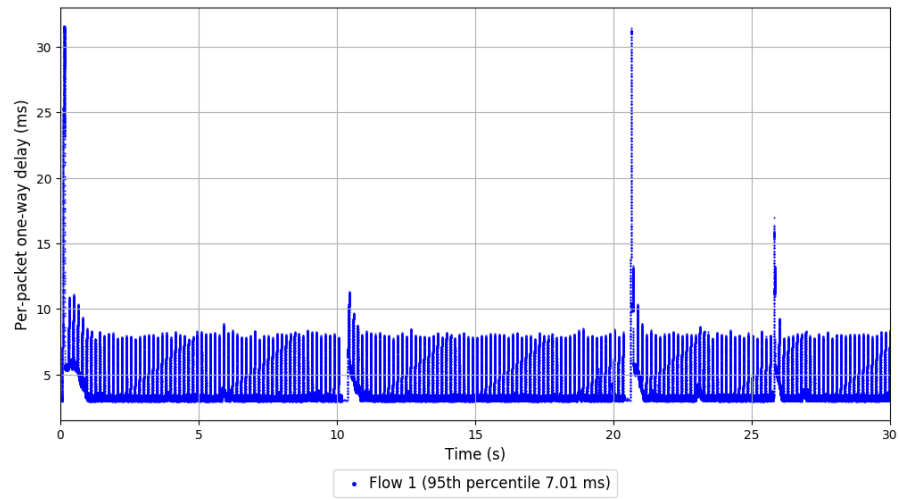
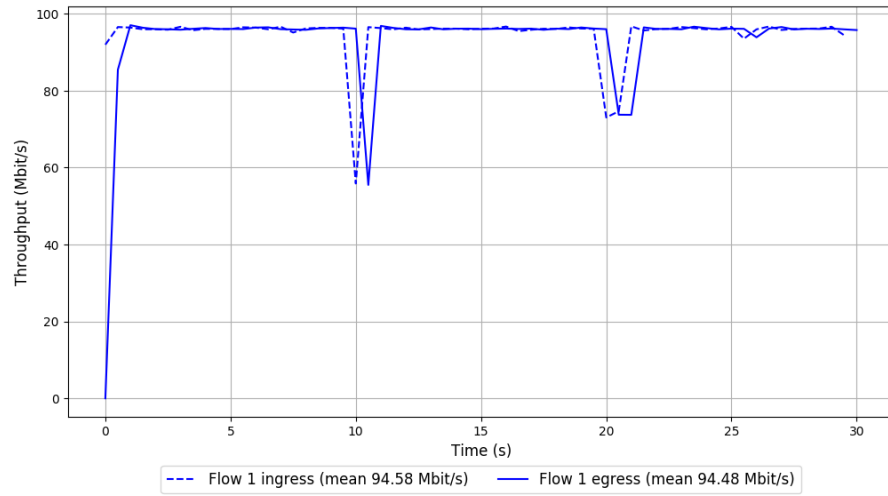
-- Flow 1:

Average throughput: 94.48 Mbit/s

95th percentile per-packet one-way delay: 7.010 ms

Loss rate: 0.10%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2019-05-29 20:15:51

End at: 2019-05-29 20:16:21

Local clock offset: -7.605 ms

Remote clock offset: 0.399 ms

Below is generated by plot.py at 2019-05-29 21:30:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.49 Mbit/s

95th percentile per-packet one-way delay: 7.775 ms

Loss rate: 0.10%

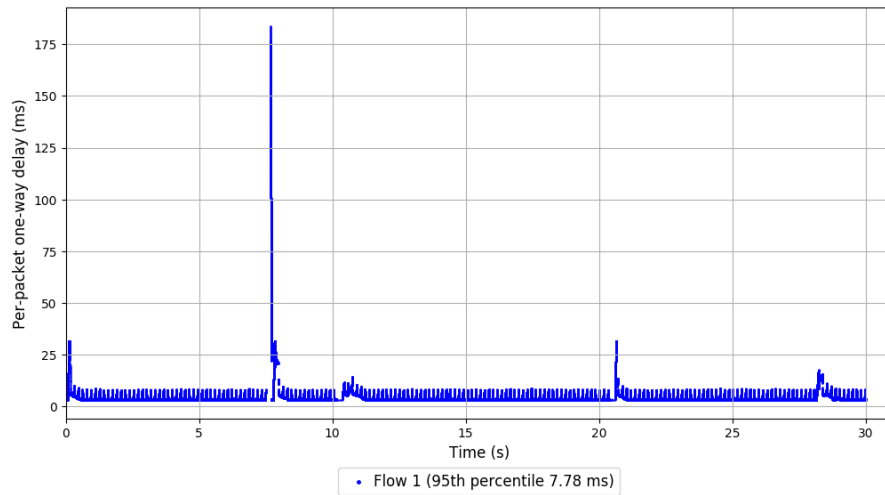
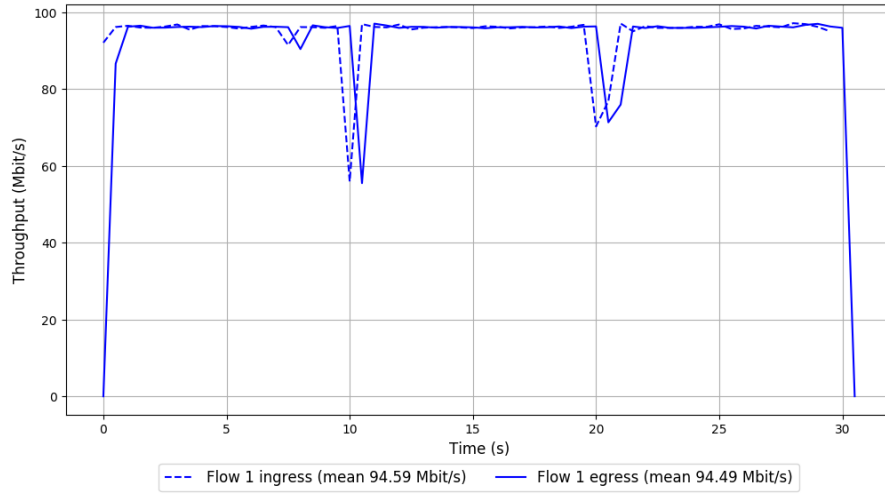
-- Flow 1:

Average throughput: 94.49 Mbit/s

95th percentile per-packet one-way delay: 7.775 ms

Loss rate: 0.10%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-05-29 20:39:16

End at: 2019-05-29 20:39:46

Local clock offset: -5.768 ms

Remote clock offset: 0.505 ms

Below is generated by plot.py at 2019-05-29 21:30:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.43 Mbit/s

95th percentile per-packet one-way delay: 6.523 ms

Loss rate: 0.08%

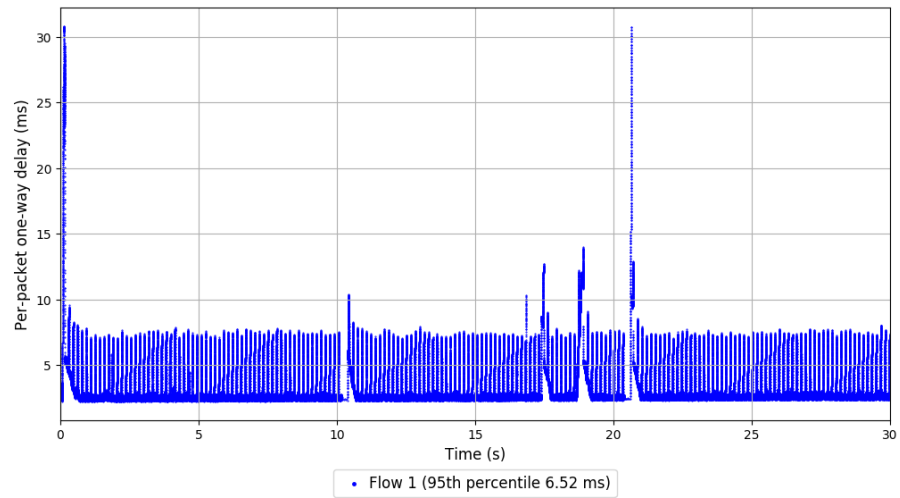
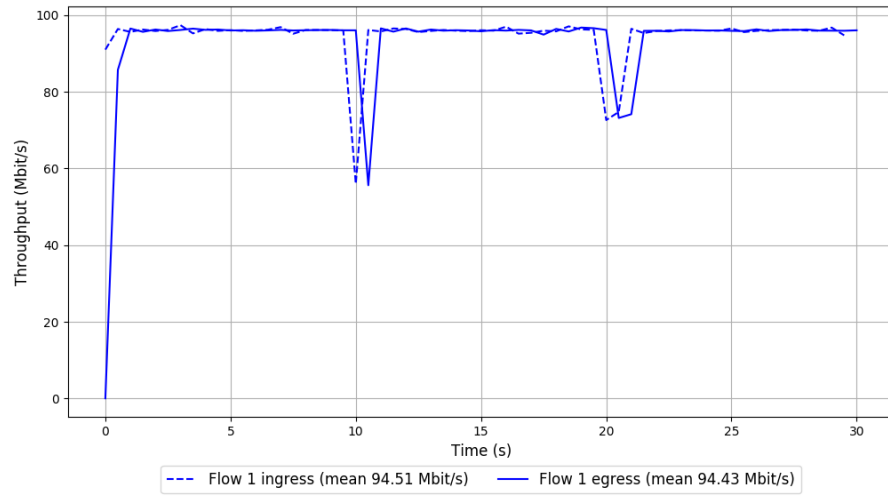
-- Flow 1:

Average throughput: 94.43 Mbit/s

95th percentile per-packet one-way delay: 6.523 ms

Loss rate: 0.08%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-05-29 21:02:45

End at: 2019-05-29 21:03:15

Local clock offset: -3.76 ms

Remote clock offset: 0.56 ms

Below is generated by plot.py at 2019-05-29 21:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.51 Mbit/s

95th percentile per-packet one-way delay: 4.739 ms

Loss rate: 0.08%

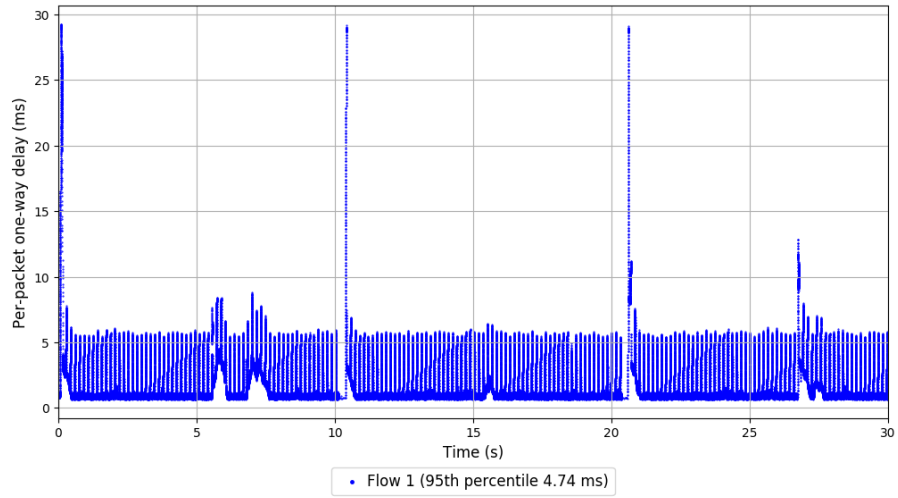
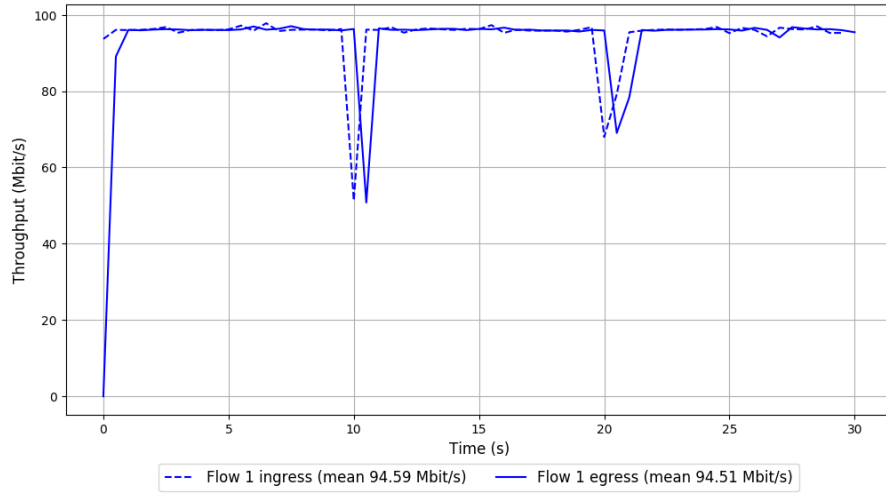
-- Flow 1:

Average throughput: 94.51 Mbit/s

95th percentile per-packet one-way delay: 4.739 ms

Loss rate: 0.08%

Run 5: Report of FillP-Sheep — Data Link

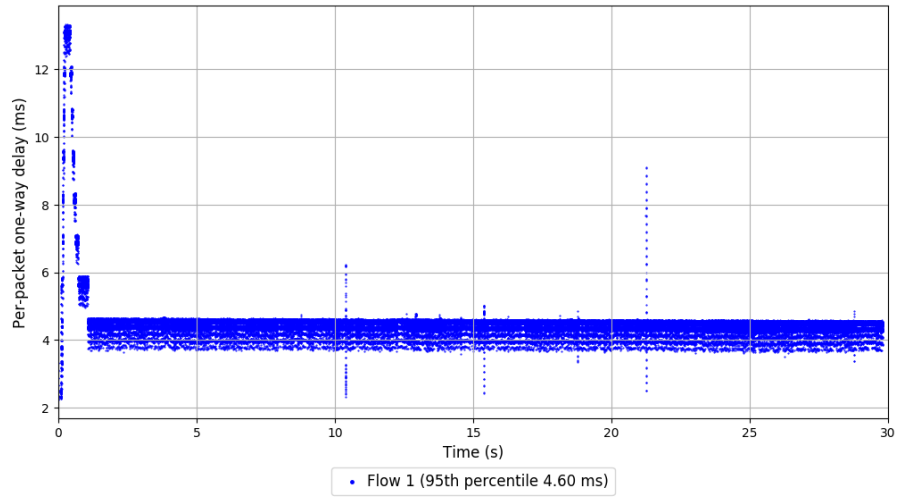
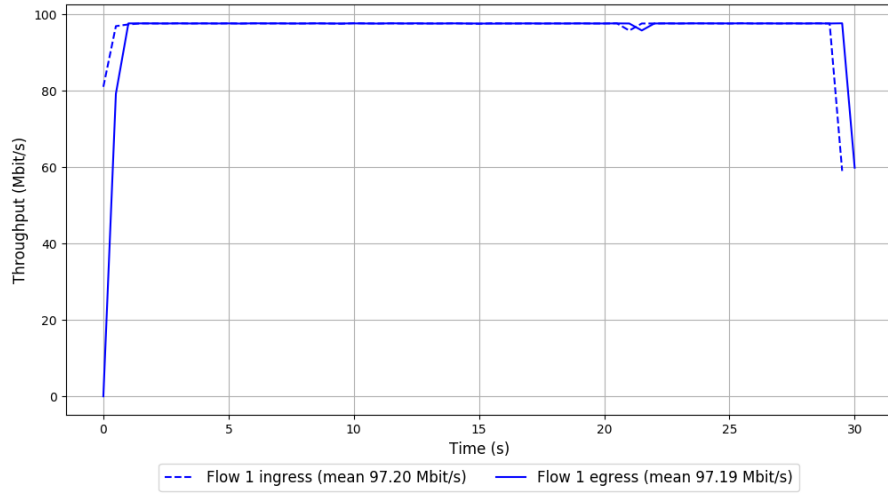


Run 1: Statistics of Indigo

Start at: 2019-05-29 19:30:07
End at: 2019-05-29 19:30:37
Local clock offset: -12.055 ms
Remote clock offset: 0.147 ms

Below is generated by plot.py at 2019-05-29 21:30:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 4.596 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 4.596 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-05-29 19:53:33

End at: 2019-05-29 19:54:03

Local clock offset: -8.285 ms

Remote clock offset: 0.267 ms

Below is generated by plot.py at 2019-05-29 21:30:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 5.030 ms

Loss rate: 0.00%

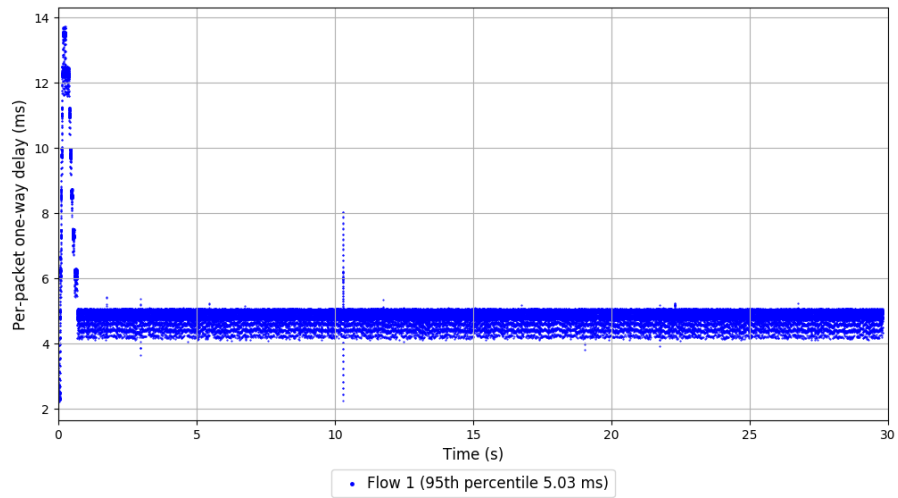
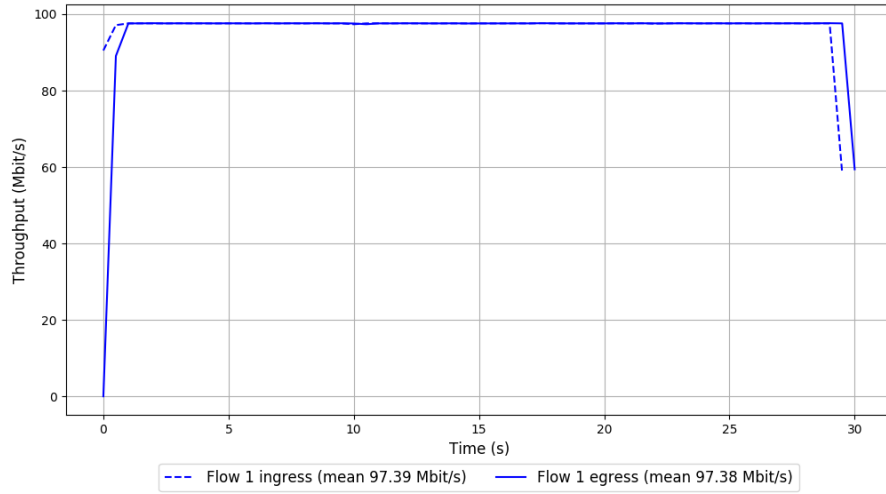
-- Flow 1:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 5.030 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-05-29 20:16:58

End at: 2019-05-29 20:17:28

Local clock offset: -7.251 ms

Remote clock offset: 0.504 ms

Below is generated by plot.py at 2019-05-29 21:31:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 4.726 ms

Loss rate: 0.00%

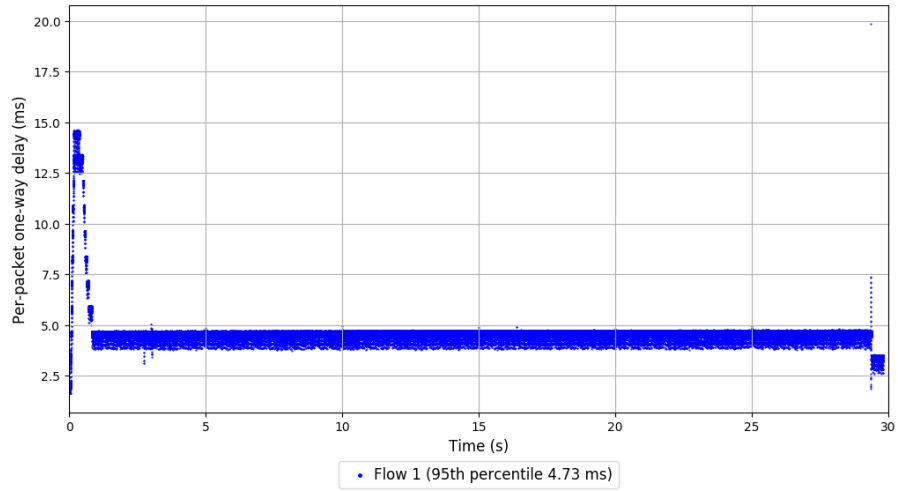
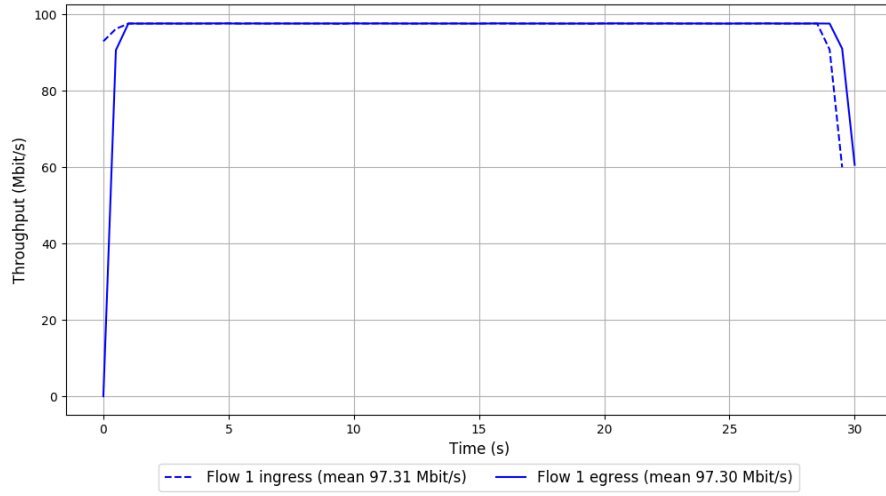
-- Flow 1:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 4.726 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-05-29 20:40:24

End at: 2019-05-29 20:40:54

Local clock offset: -5.687 ms

Remote clock offset: 0.628 ms

Below is generated by plot.py at 2019-05-29 21:31:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.37 Mbit/s

95th percentile per-packet one-way delay: 5.529 ms

Loss rate: 0.00%

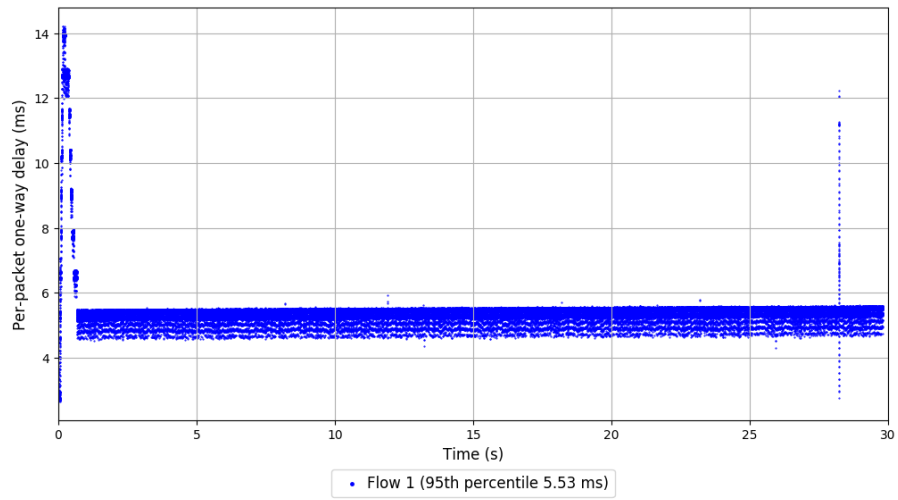
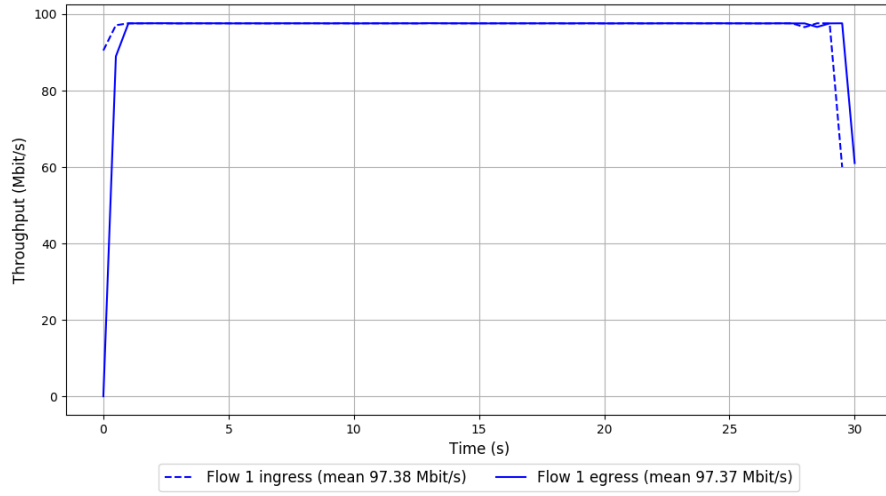
-- Flow 1:

Average throughput: 97.37 Mbit/s

95th percentile per-packet one-way delay: 5.529 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-05-29 21:03:52

End at: 2019-05-29 21:04:22

Local clock offset: -3.751 ms

Remote clock offset: 0.519 ms

Below is generated by plot.py at 2019-05-29 21:31:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 5.041 ms

Loss rate: 0.00%

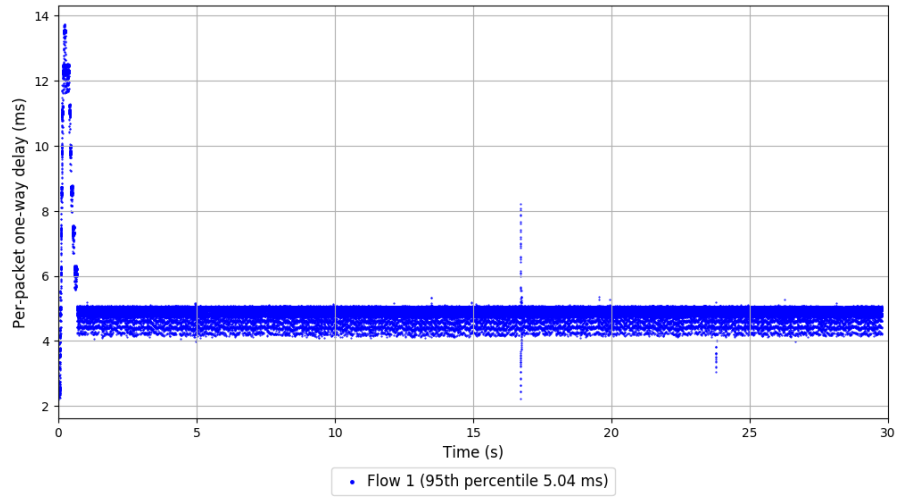
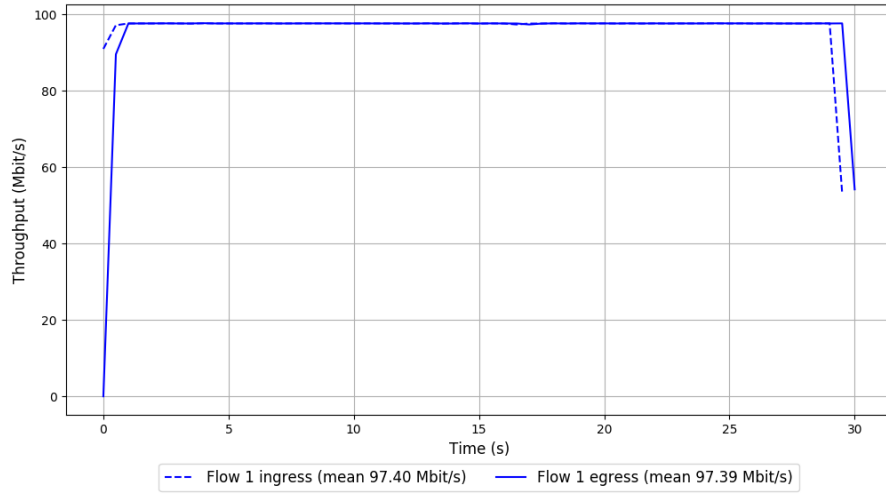
-- Flow 1:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 5.041 ms

Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

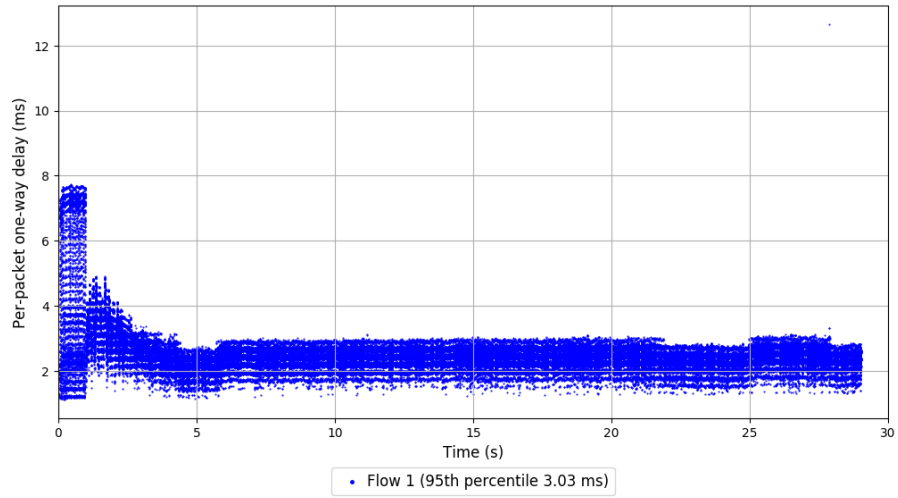
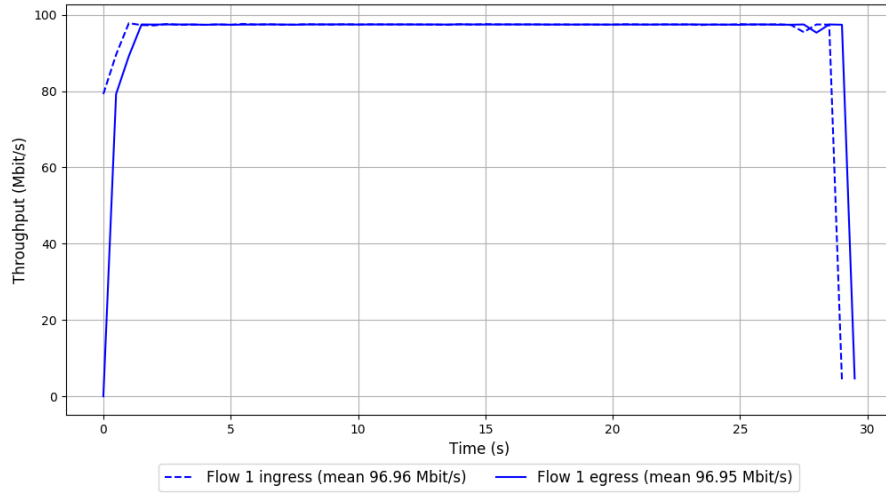


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-05-29 19:43:25
End at: 2019-05-29 19:43:55
Local clock offset: -10.136 ms
Remote clock offset: 0.236 ms

Below is generated by plot.py at 2019-05-29 21:31:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 3.033 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 3.033 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-05-29 20:06:51

End at: 2019-05-29 20:07:21

Local clock offset: -9.329 ms

Remote clock offset: 0.464 ms

Below is generated by plot.py at 2019-05-29 21:31:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.17 Mbit/s

95th percentile per-packet one-way delay: 3.456 ms

Loss rate: 0.00%

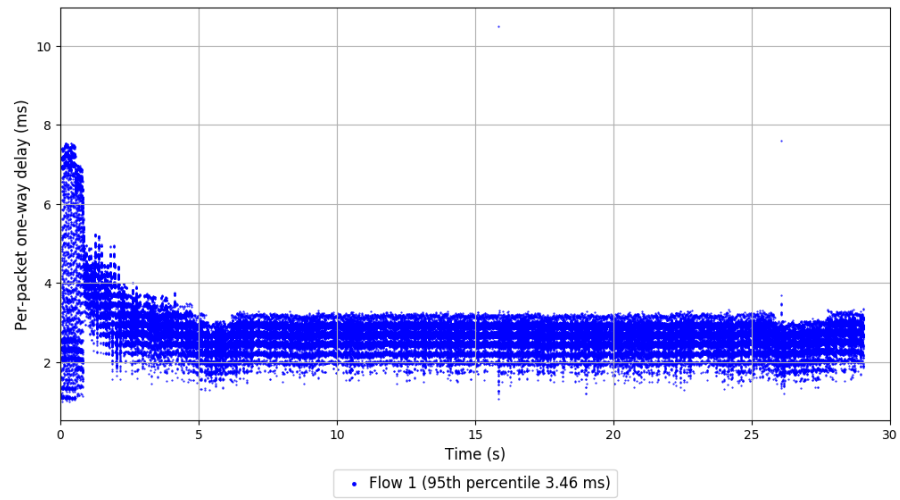
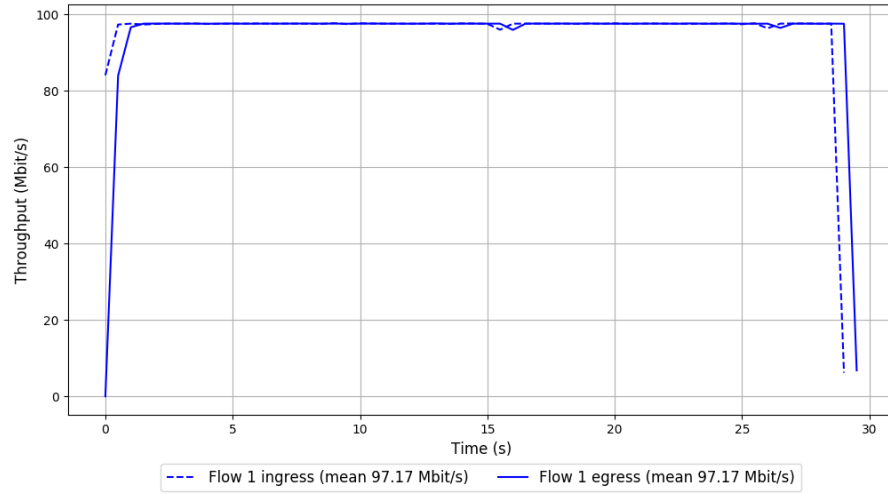
-- Flow 1:

Average throughput: 97.17 Mbit/s

95th percentile per-packet one-way delay: 3.456 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link



Run 3: Statistics of Indigo-MusesC3

Start at: 2019-05-29 20:30:15

End at: 2019-05-29 20:30:45

Local clock offset: -6.791 ms

Remote clock offset: 0.602 ms

Below is generated by plot.py at 2019-05-29 21:31:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 3.975 ms

Loss rate: 0.00%

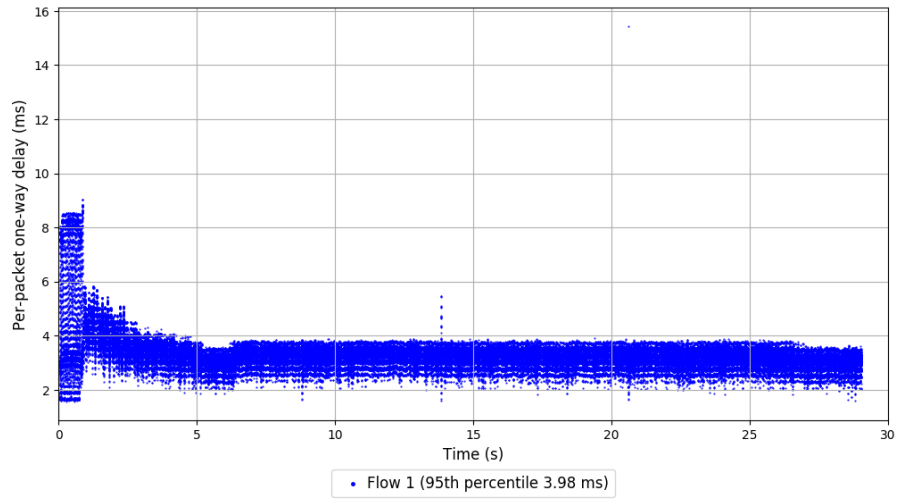
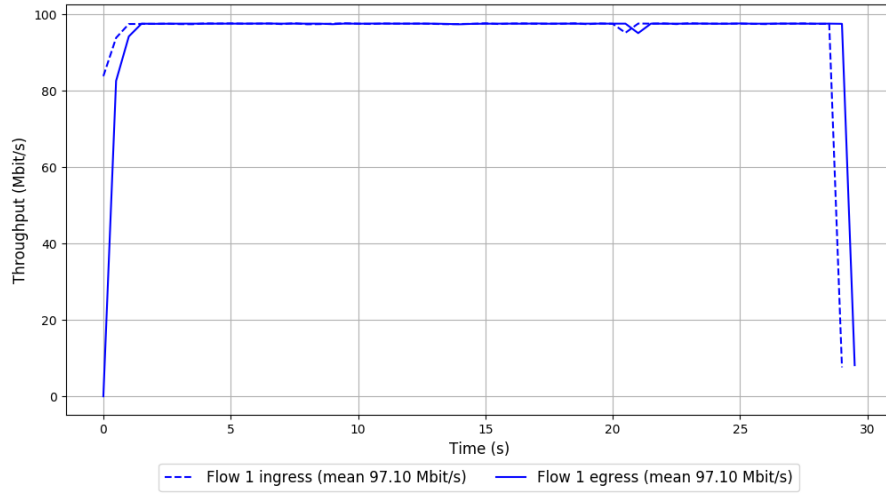
-- Flow 1:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 3.975 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-05-29 20:53:42

End at: 2019-05-29 20:54:12

Local clock offset: -4.899 ms

Remote clock offset: 0.659 ms

Below is generated by plot.py at 2019-05-29 21:31:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 4.030 ms

Loss rate: 0.00%

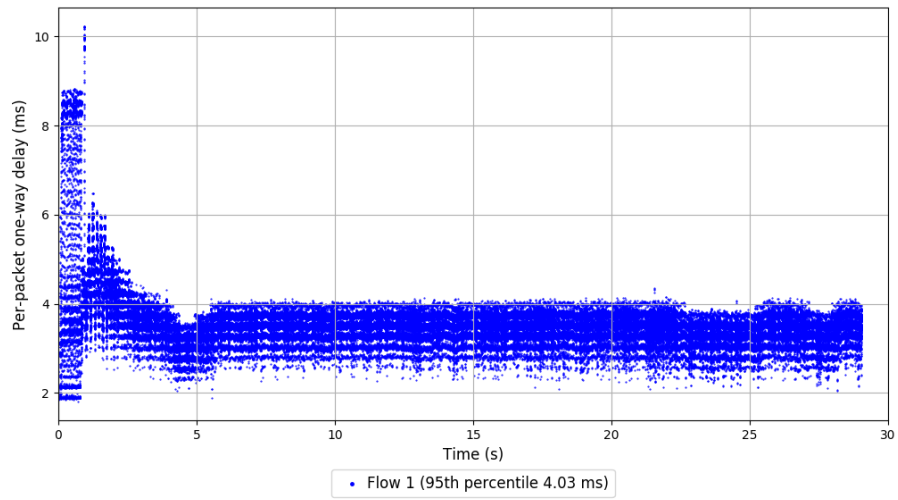
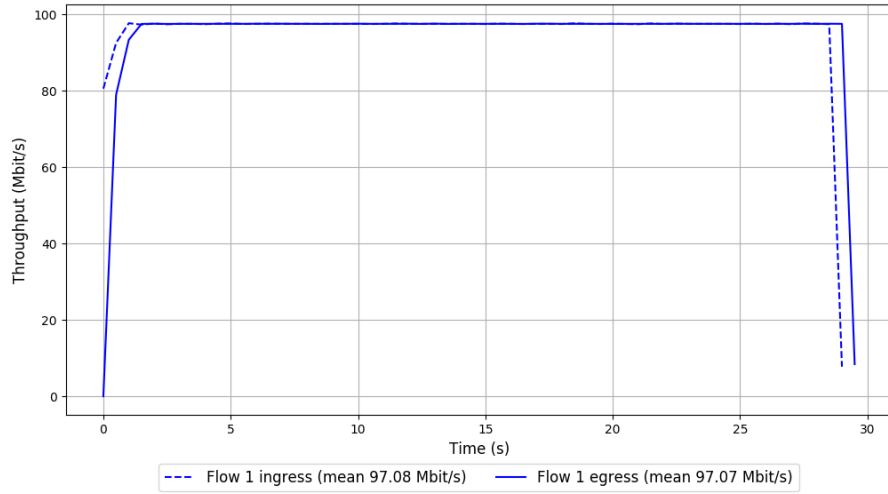
-- Flow 1:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 4.030 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-05-29 21:17:10

End at: 2019-05-29 21:17:40

Local clock offset: -5.961 ms

Remote clock offset: 0.499 ms

Below is generated by plot.py at 2019-05-29 21:31:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.01 Mbit/s

95th percentile per-packet one-way delay: 5.971 ms

Loss rate: 0.00%

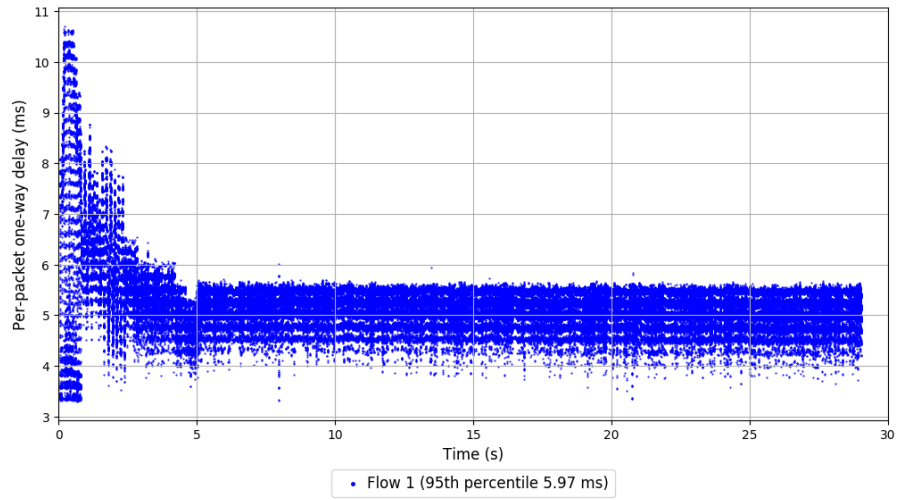
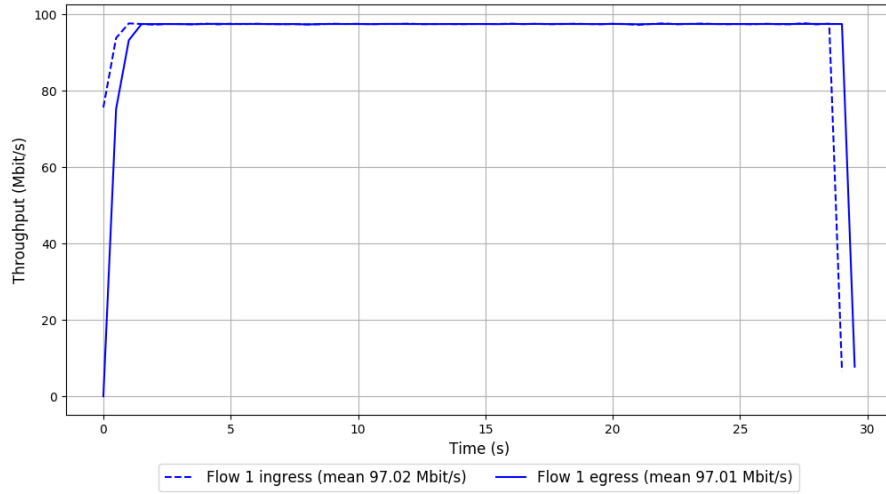
-- Flow 1:

Average throughput: 97.01 Mbit/s

95th percentile per-packet one-way delay: 5.971 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC3 — Data Link

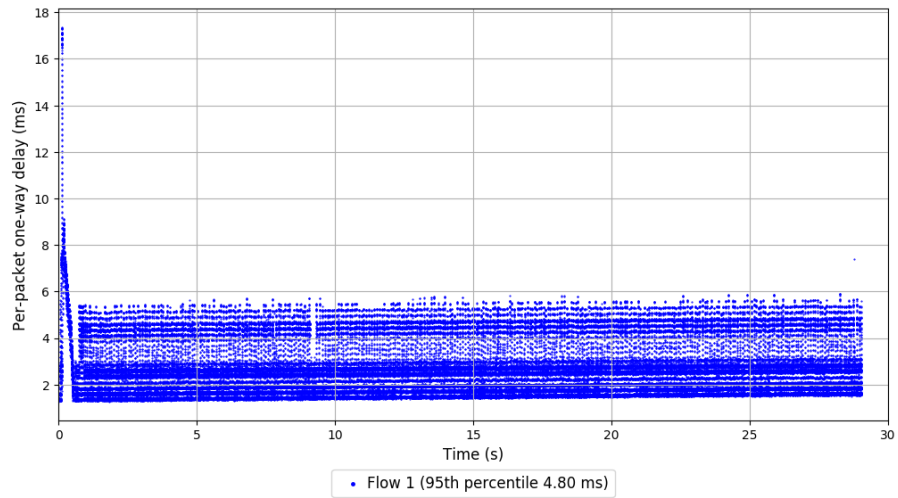
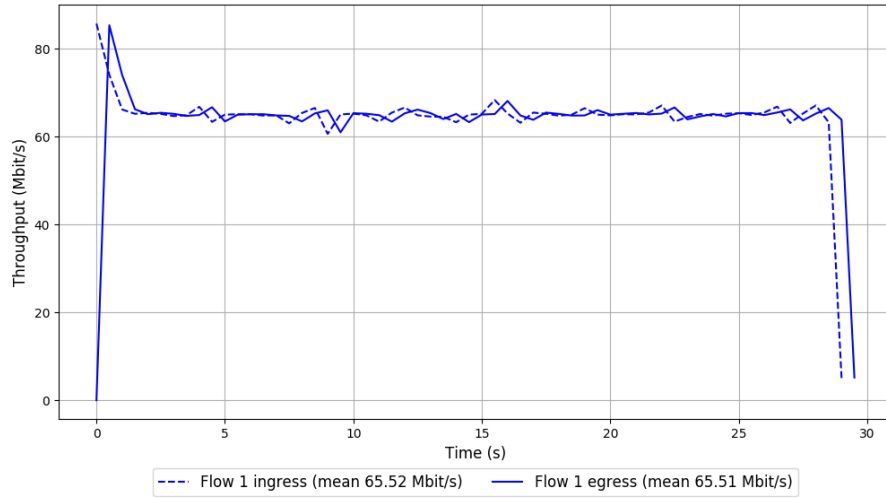


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-05-29 19:40:09
End at: 2019-05-29 19:40:39
Local clock offset: -11.833 ms
Remote clock offset: 0.146 ms

Below is generated by plot.py at 2019-05-29 21:31:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.51 Mbit/s
95th percentile per-packet one-way delay: 4.800 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.51 Mbit/s
95th percentile per-packet one-way delay: 4.800 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-05-29 20:03:35

End at: 2019-05-29 20:04:06

Local clock offset: -9.544 ms

Remote clock offset: 0.507 ms

Below is generated by plot.py at 2019-05-29 21:31:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.62 Mbit/s

95th percentile per-packet one-way delay: 4.679 ms

Loss rate: 0.00%

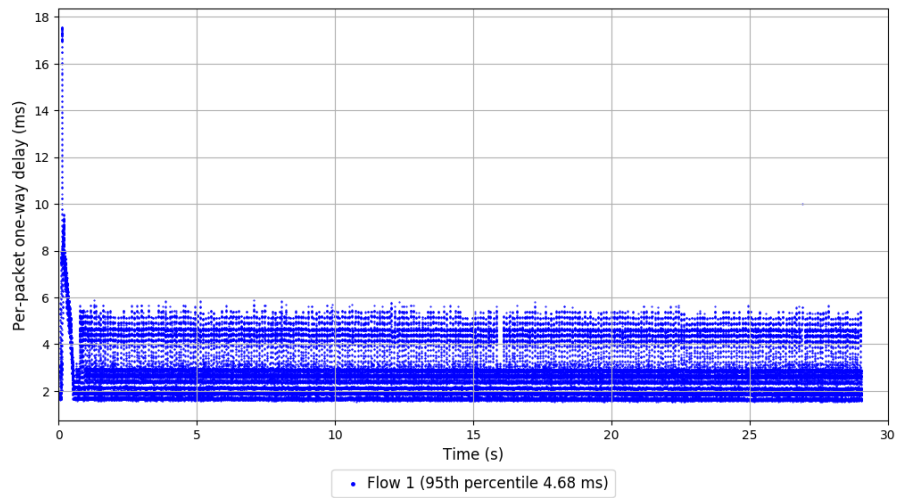
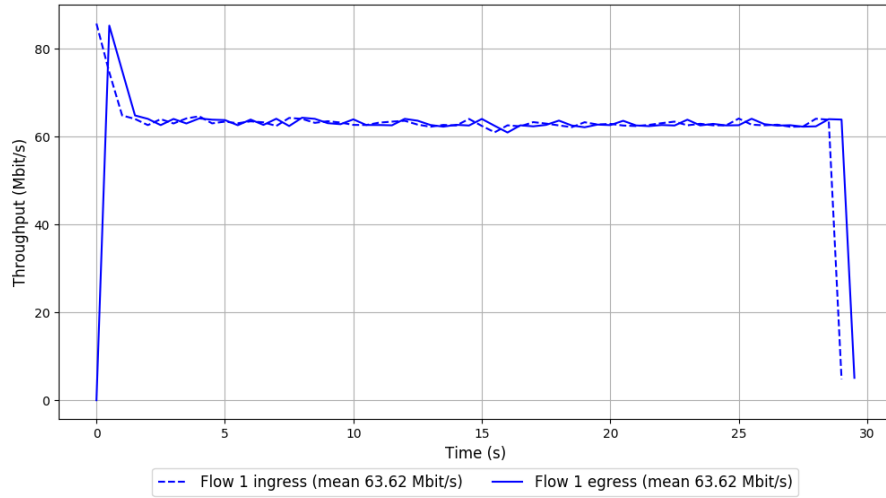
-- Flow 1:

Average throughput: 63.62 Mbit/s

95th percentile per-packet one-way delay: 4.679 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-05-29 20:27:01

End at: 2019-05-29 20:27:31

Local clock offset: -6.02 ms

Remote clock offset: 0.519 ms

Below is generated by plot.py at 2019-05-29 21:32:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.17 Mbit/s

95th percentile per-packet one-way delay: 2.124 ms

Loss rate: 0.00%

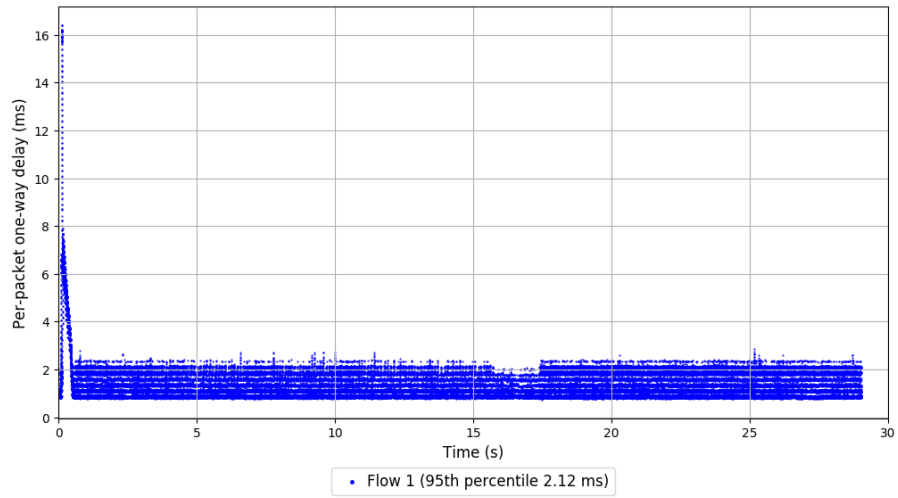
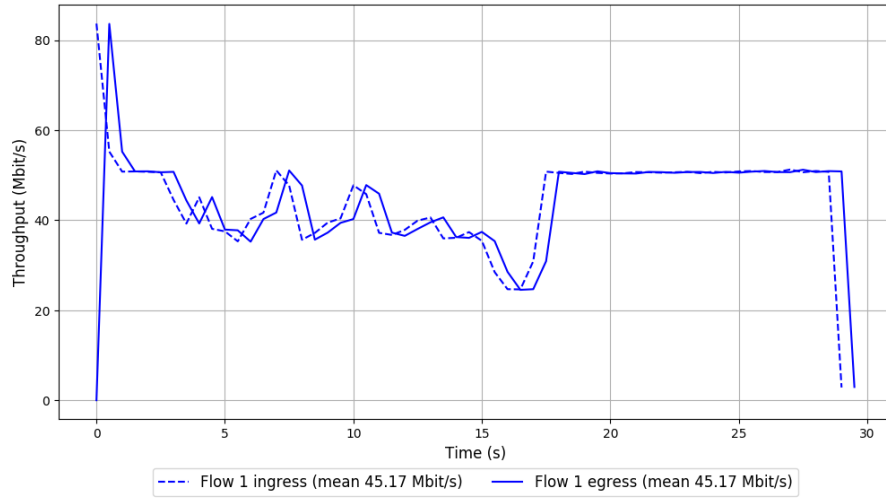
-- Flow 1:

Average throughput: 45.17 Mbit/s

95th percentile per-packet one-way delay: 2.124 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-05-29 20:50:26

End at: 2019-05-29 20:50:56

Local clock offset: -4.134 ms

Remote clock offset: 0.626 ms

Below is generated by plot.py at 2019-05-29 21:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.23 Mbit/s

95th percentile per-packet one-way delay: 1.431 ms

Loss rate: 0.00%

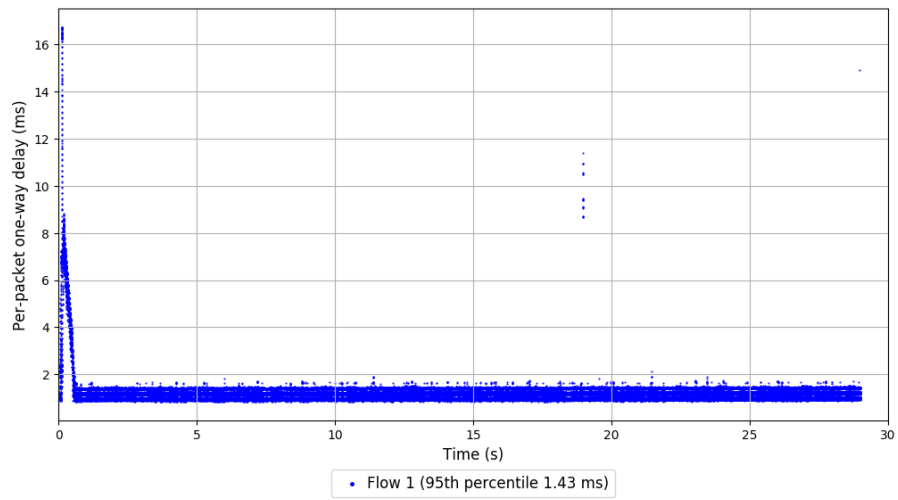
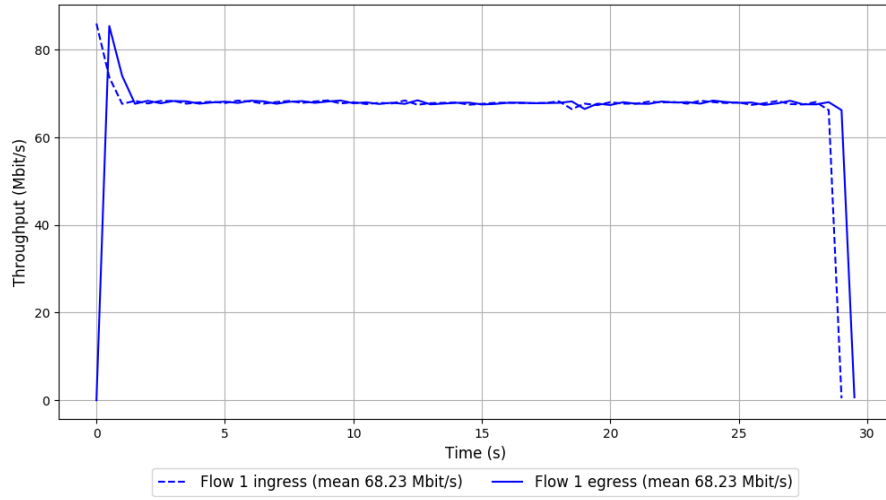
-- Flow 1:

Average throughput: 68.23 Mbit/s

95th percentile per-packet one-way delay: 1.431 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-05-29 21:13:55

End at: 2019-05-29 21:14:25

Local clock offset: -5.381 ms

Remote clock offset: 0.52 ms

Below is generated by plot.py at 2019-05-29 21:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.72 Mbit/s

95th percentile per-packet one-way delay: 4.266 ms

Loss rate: 0.00%

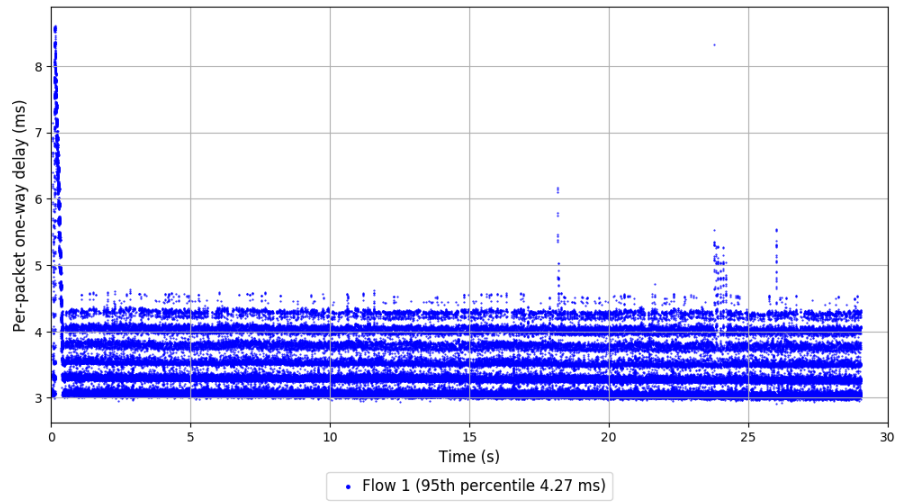
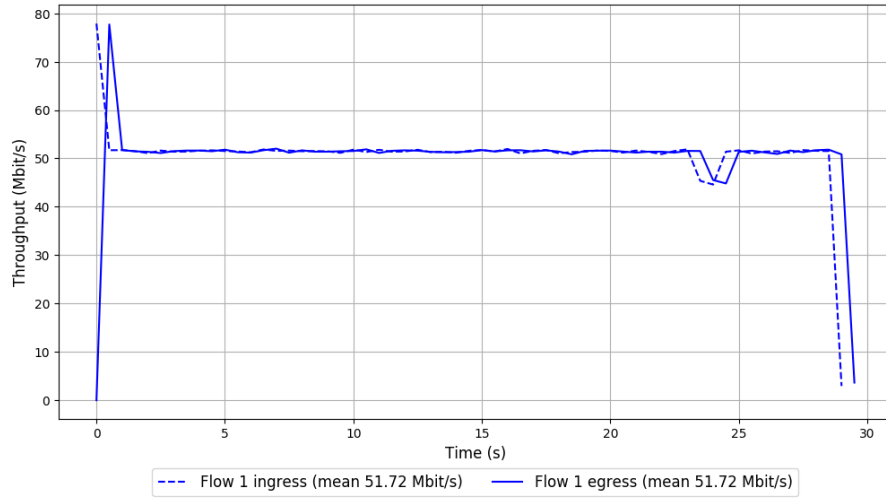
-- Flow 1:

Average throughput: 51.72 Mbit/s

95th percentile per-packet one-way delay: 4.266 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-05-29 19:44:33

End at: 2019-05-29 19:45:03

Local clock offset: -9.502 ms

Remote clock offset: 0.237 ms

Below is generated by plot.py at 2019-05-29 21:32:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.38 Mbit/s

95th percentile per-packet one-way delay: 4.563 ms

Loss rate: 0.00%

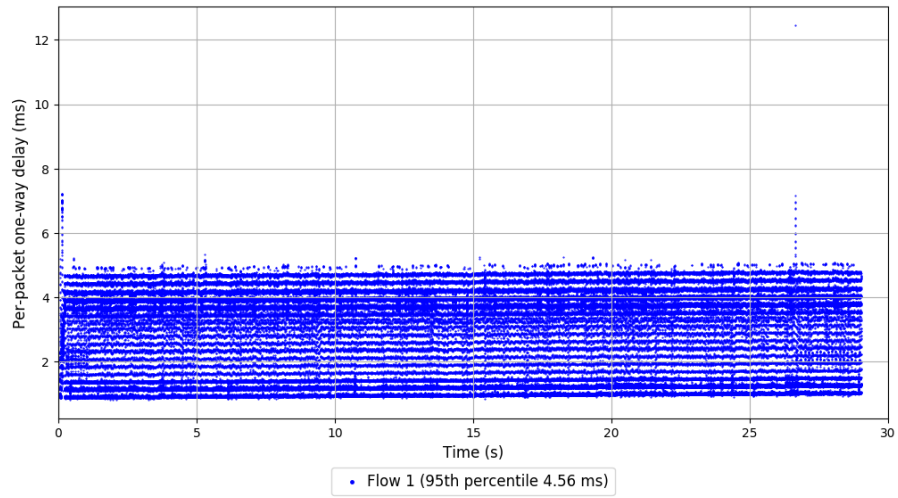
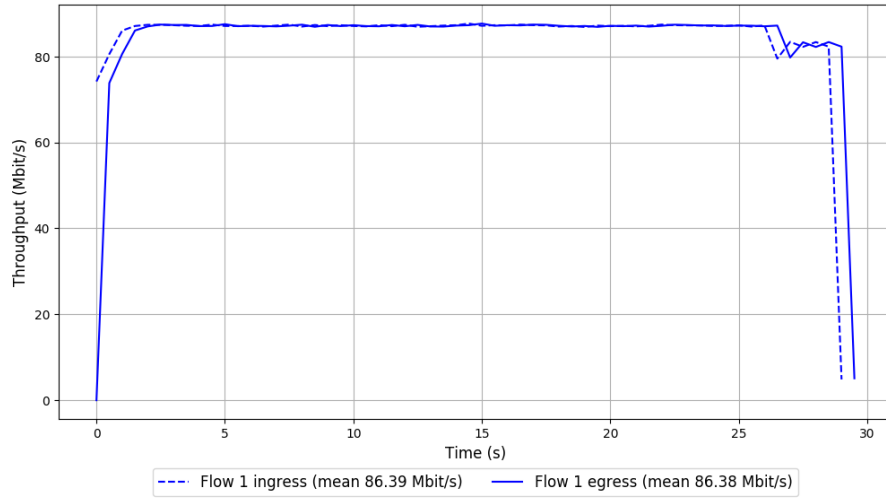
-- Flow 1:

Average throughput: 86.38 Mbit/s

95th percentile per-packet one-way delay: 4.563 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-05-29 20:07:59

End at: 2019-05-29 20:08:29

Local clock offset: -8.929 ms

Remote clock offset: 0.468 ms

Below is generated by plot.py at 2019-05-29 21:32:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.57 Mbit/s

95th percentile per-packet one-way delay: 3.802 ms

Loss rate: 0.00%

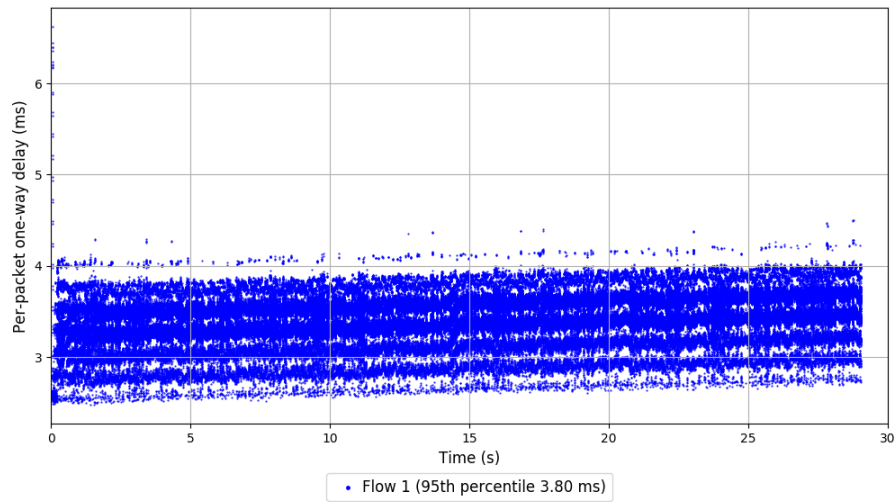
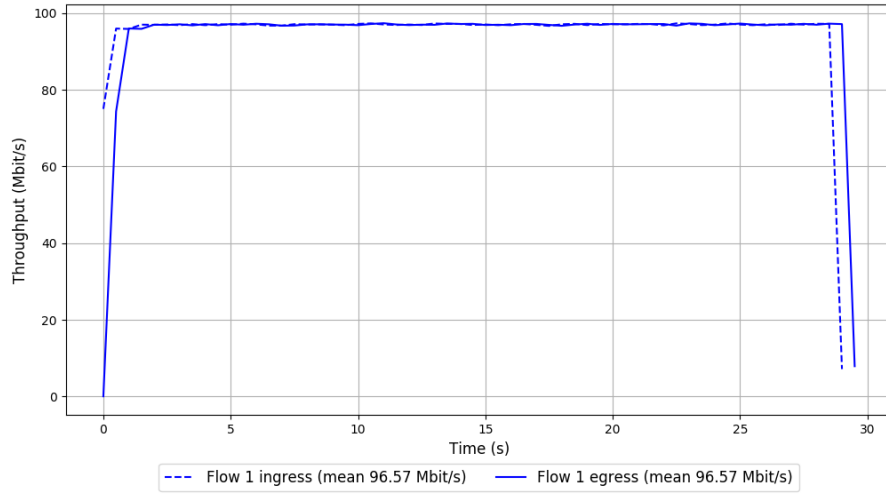
-- Flow 1:

Average throughput: 96.57 Mbit/s

95th percentile per-packet one-way delay: 3.802 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-05-29 20:31:23

End at: 2019-05-29 20:31:53

Local clock offset: -7.127 ms

Remote clock offset: 0.496 ms

Below is generated by plot.py at 2019-05-29 21:32:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.71 Mbit/s

95th percentile per-packet one-way delay: 3.873 ms

Loss rate: 0.00%

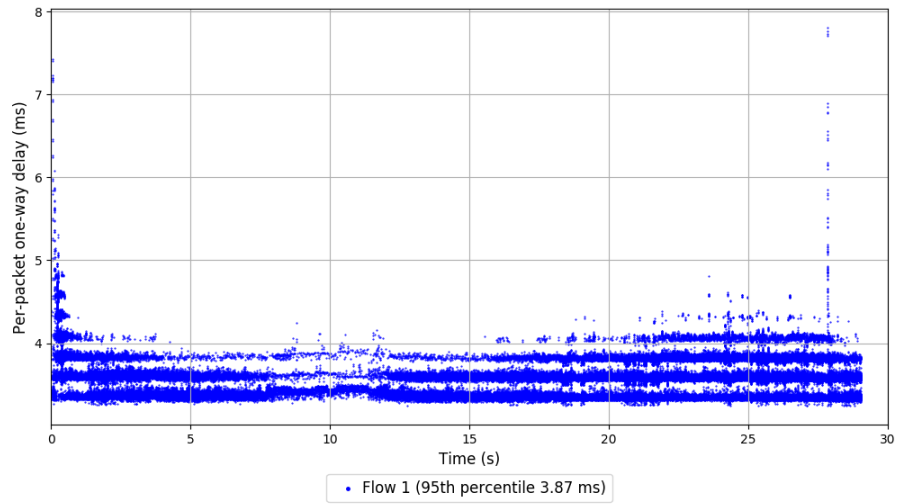
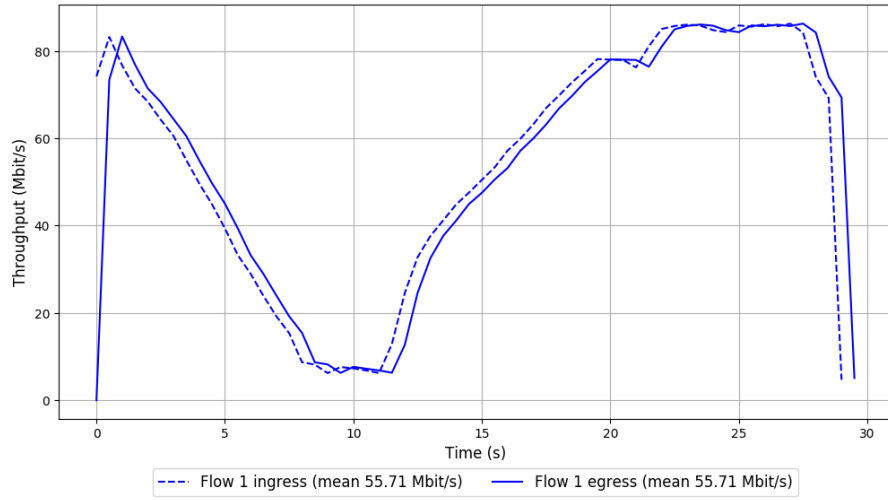
-- Flow 1:

Average throughput: 55.71 Mbit/s

95th percentile per-packet one-way delay: 3.873 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-05-29 20:54:50

End at: 2019-05-29 20:55:20

Local clock offset: -4.86 ms

Remote clock offset: 0.65 ms

Below is generated by plot.py at 2019-05-29 21:32:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.23 Mbit/s

95th percentile per-packet one-way delay: 4.401 ms

Loss rate: 0.00%

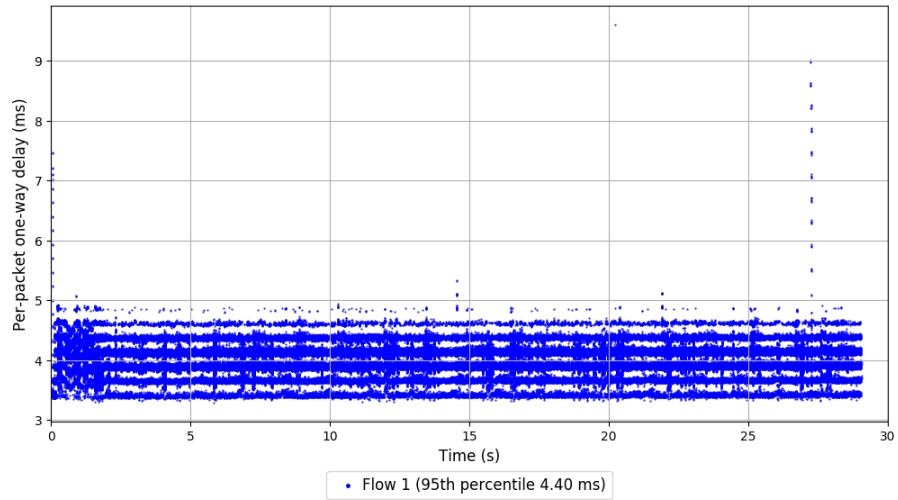
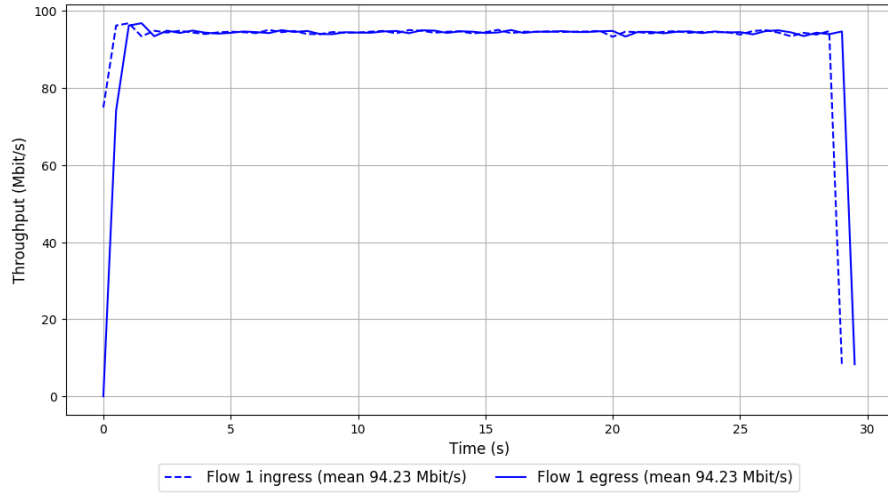
-- Flow 1:

Average throughput: 94.23 Mbit/s

95th percentile per-packet one-way delay: 4.401 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-05-29 21:18:18

End at: 2019-05-29 21:18:48

Local clock offset: -5.764 ms

Remote clock offset: 0.54 ms

Below is generated by plot.py at 2019-05-29 21:32:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.75 Mbit/s

95th percentile per-packet one-way delay: 4.899 ms

Loss rate: 0.00%

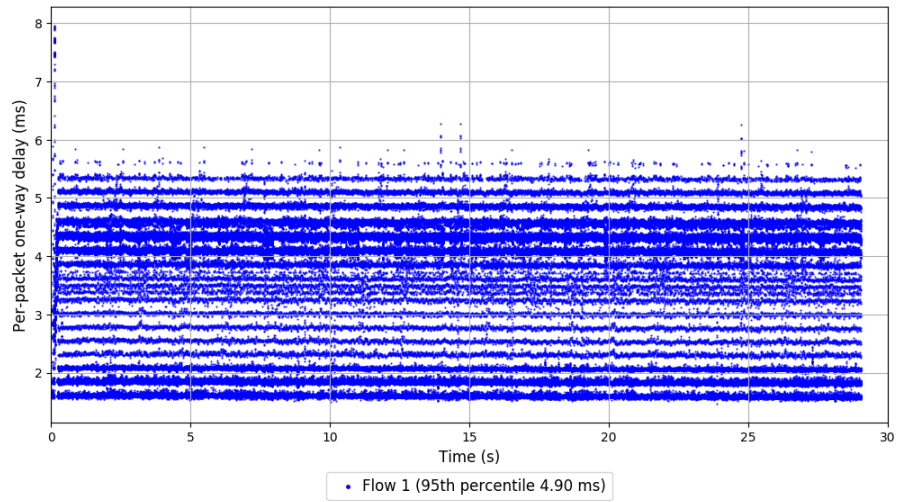
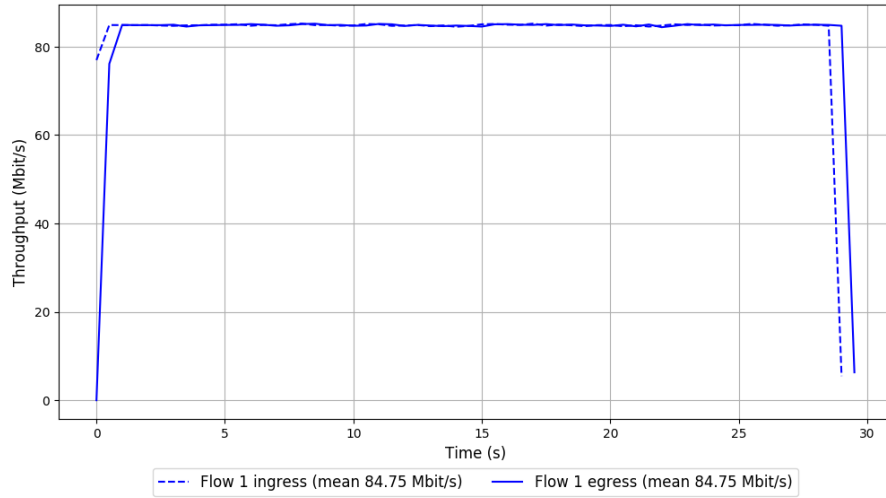
-- Flow 1:

Average throughput: 84.75 Mbit/s

95th percentile per-packet one-way delay: 4.899 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link

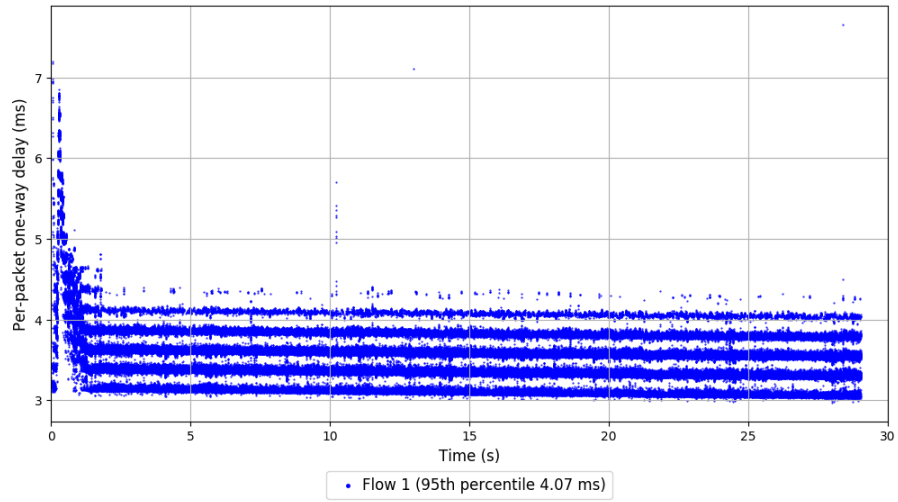
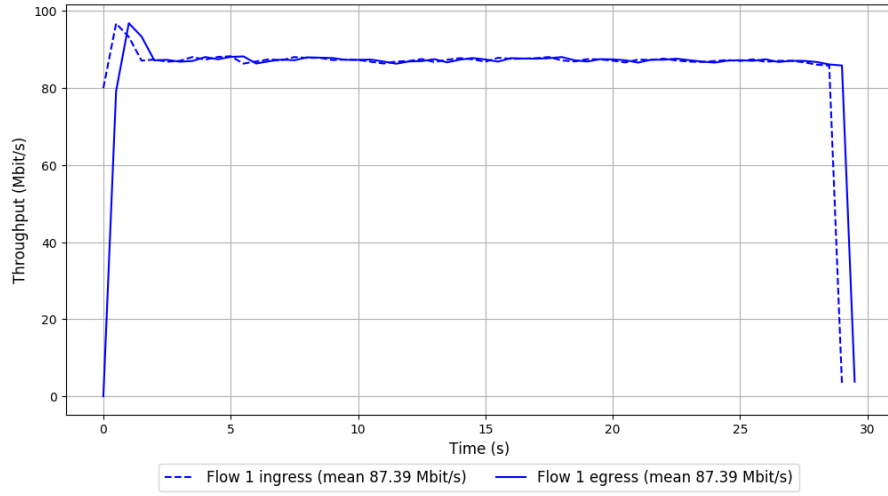


Run 1: Statistics of Indigo-MuseST

Start at: 2019-05-29 19:33:28
End at: 2019-05-29 19:33:58
Local clock offset: -13.407 ms
Remote clock offset: 0.201 ms

Below is generated by plot.py at 2019-05-29 21:33:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.39 Mbit/s
95th percentile per-packet one-way delay: 4.070 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.39 Mbit/s
95th percentile per-packet one-way delay: 4.070 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-05-29 19:56:54

End at: 2019-05-29 19:57:24

Local clock offset: -8.301 ms

Remote clock offset: 0.294 ms

Below is generated by plot.py at 2019-05-29 21:33:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.71 Mbit/s

95th percentile per-packet one-way delay: 2.178 ms

Loss rate: 0.00%

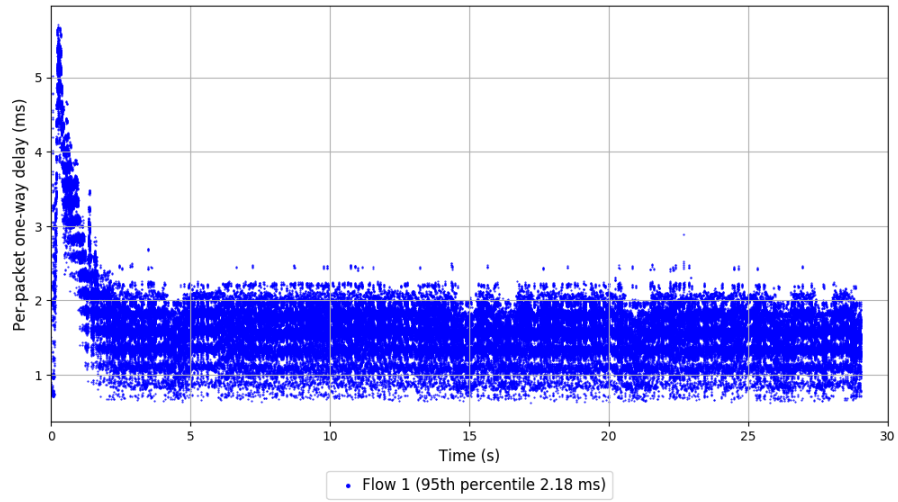
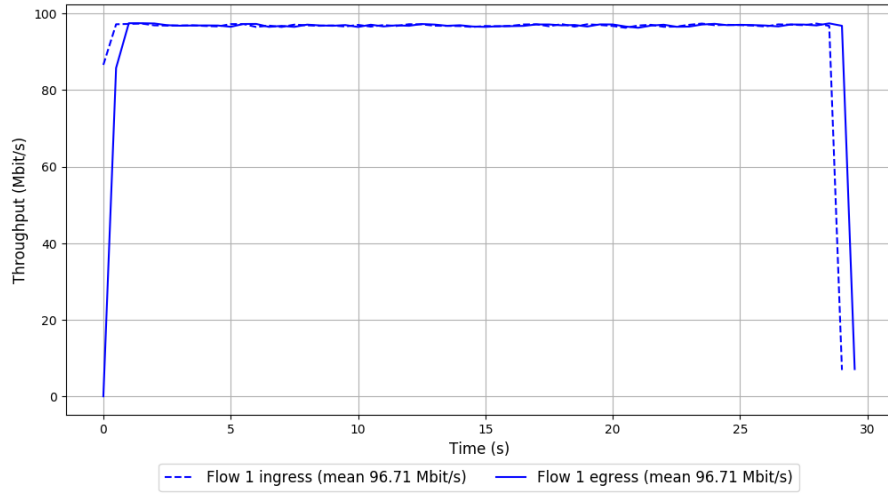
-- Flow 1:

Average throughput: 96.71 Mbit/s

95th percentile per-packet one-way delay: 2.178 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MuseST

Start at: 2019-05-29 20:20:19

End at: 2019-05-29 20:20:49

Local clock offset: -6.356 ms

Remote clock offset: 0.512 ms

Below is generated by plot.py at 2019-05-29 21:33:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.73 Mbit/s

95th percentile per-packet one-way delay: 3.553 ms

Loss rate: 0.00%

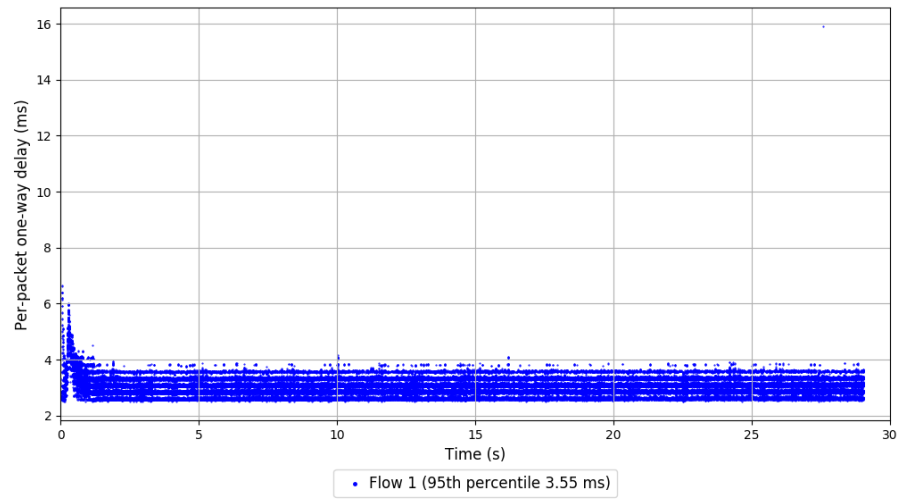
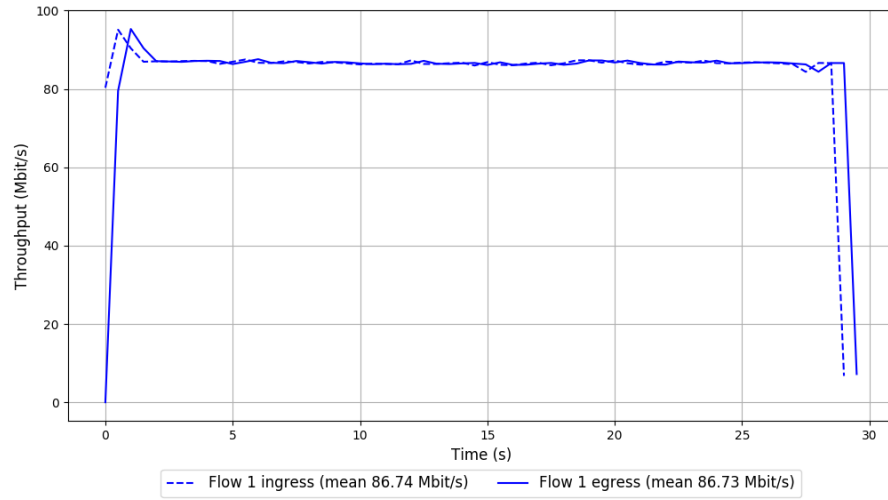
-- Flow 1:

Average throughput: 86.73 Mbit/s

95th percentile per-packet one-way delay: 3.553 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MuseST

Start at: 2019-05-29 20:43:45

End at: 2019-05-29 20:44:15

Local clock offset: -4.771 ms

Remote clock offset: 0.563 ms

Below is generated by plot.py at 2019-05-29 21:33:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.87 Mbit/s

95th percentile per-packet one-way delay: 3.159 ms

Loss rate: 0.00%

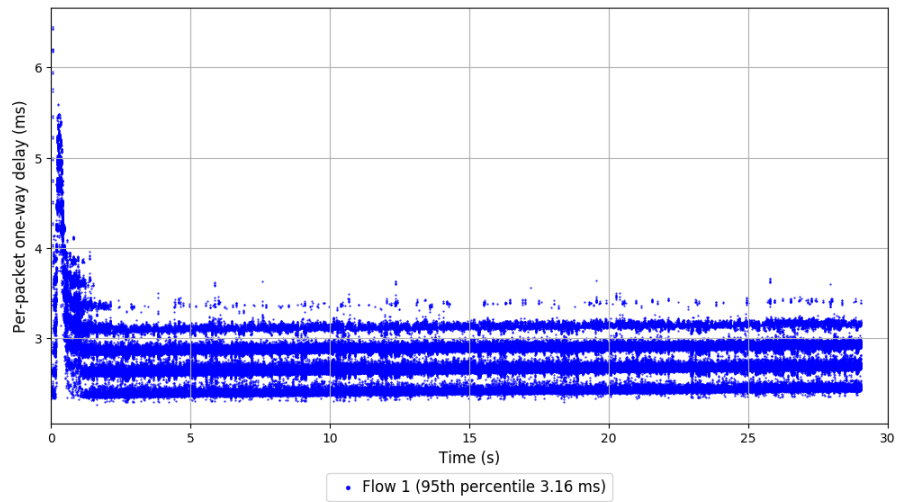
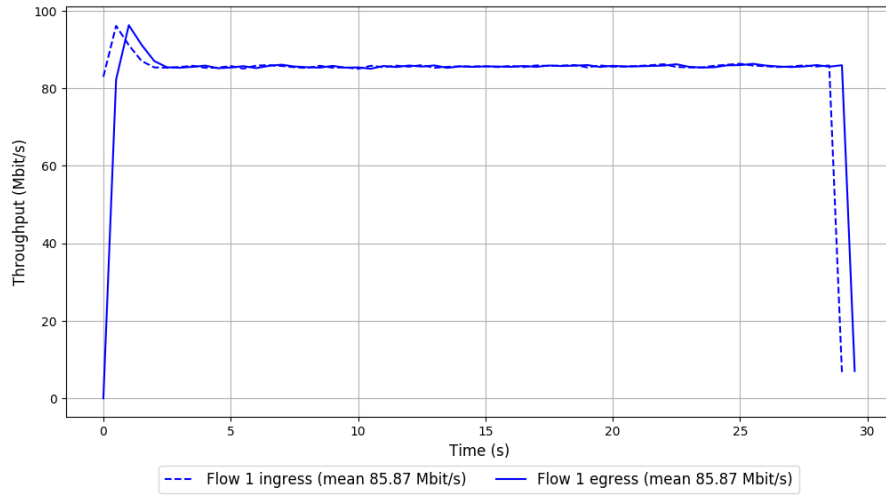
-- Flow 1:

Average throughput: 85.87 Mbit/s

95th percentile per-packet one-way delay: 3.159 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MuseST

Start at: 2019-05-29 21:07:13

End at: 2019-05-29 21:07:43

Local clock offset: -4.6 ms

Remote clock offset: 0.505 ms

Below is generated by plot.py at 2019-05-29 21:33:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.65 Mbit/s

95th percentile per-packet one-way delay: 3.060 ms

Loss rate: 0.00%

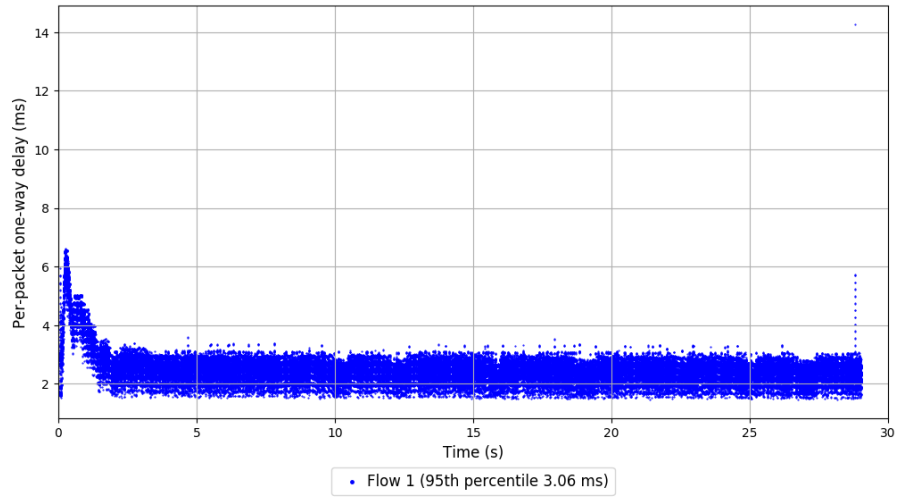
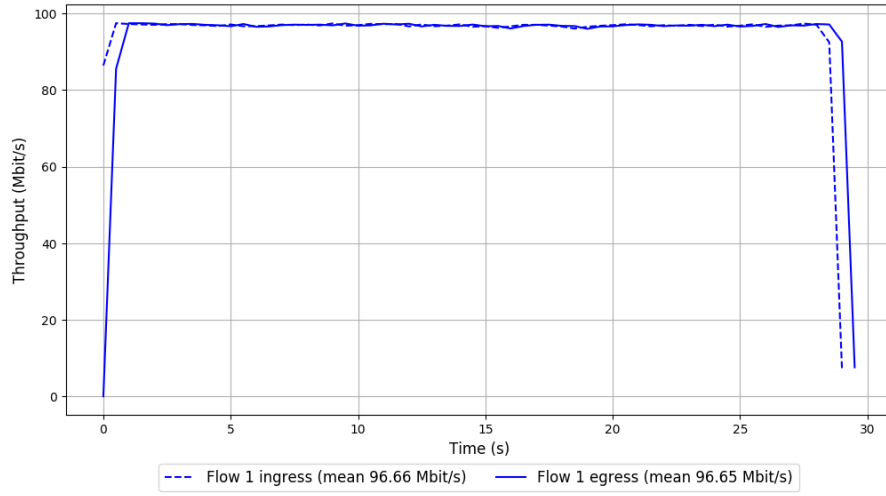
-- Flow 1:

Average throughput: 96.65 Mbit/s

95th percentile per-packet one-way delay: 3.060 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesT — Data Link



Run 1: Statistics of LEDBAT

Start at: 2019-05-29 19:34:35

End at: 2019-05-29 19:35:05

Local clock offset: -13.58 ms

Remote clock offset: 0.203 ms

Below is generated by plot.py at 2019-05-29 21:34:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 31.322 ms

Loss rate: 0.01%

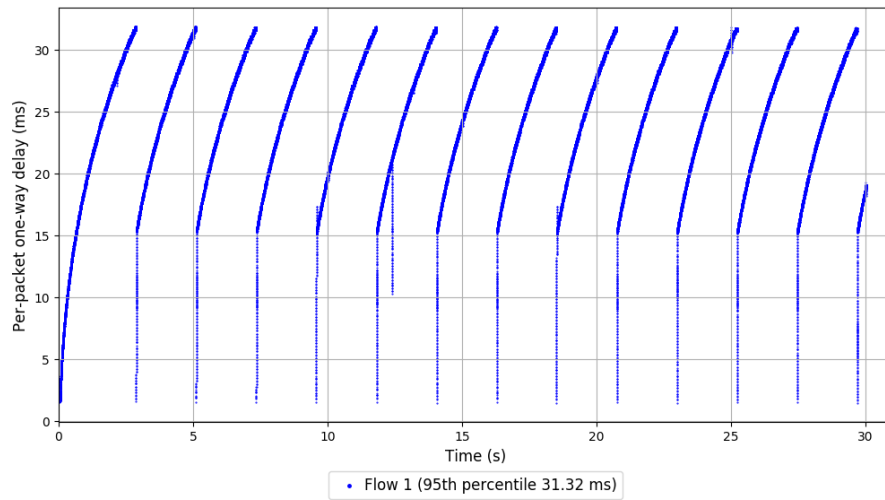
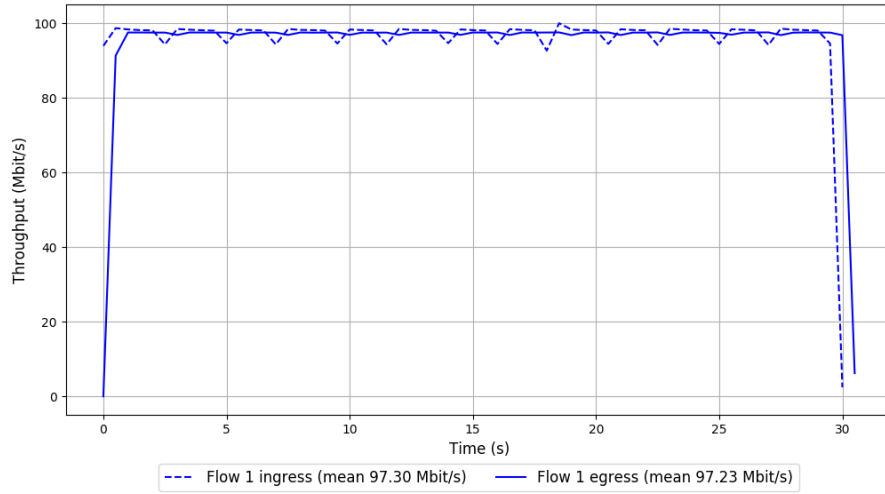
-- Flow 1:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 31.322 ms

Loss rate: 0.01%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-05-29 19:58:02

End at: 2019-05-29 19:58:32

Local clock offset: -9.139 ms

Remote clock offset: 0.35 ms

Below is generated by plot.py at 2019-05-29 21:34:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 32.807 ms

Loss rate: 0.01%

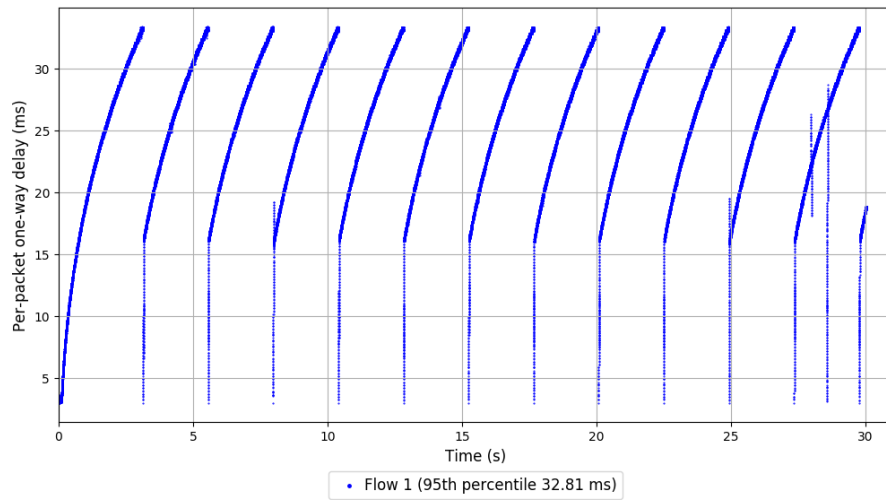
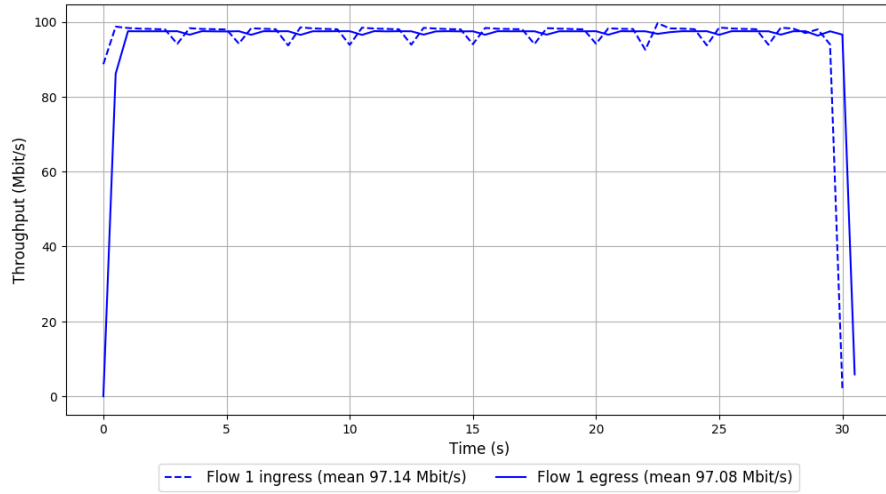
-- Flow 1:

Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 32.807 ms

Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-05-29 20:21:27

End at: 2019-05-29 20:21:57

Local clock offset: -7.103 ms

Remote clock offset: 0.525 ms

Below is generated by plot.py at 2019-05-29 21:34:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.88 Mbit/s

95th percentile per-packet one-way delay: 31.681 ms

Loss rate: 0.01%

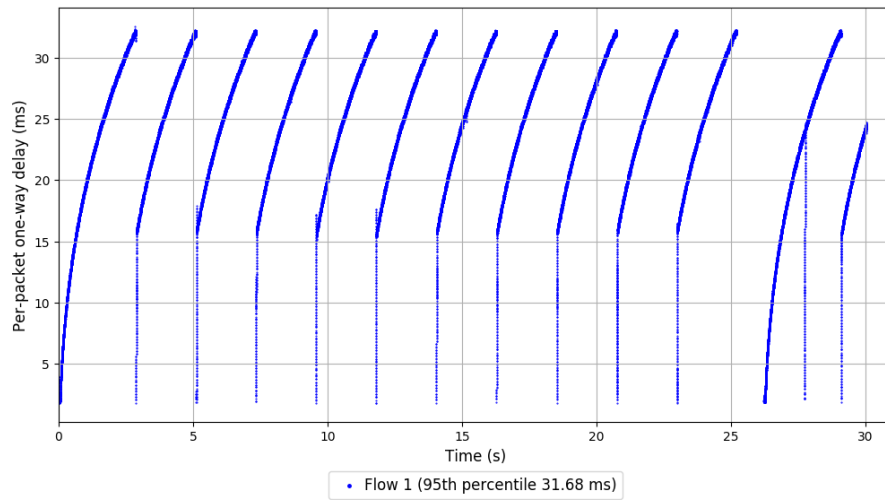
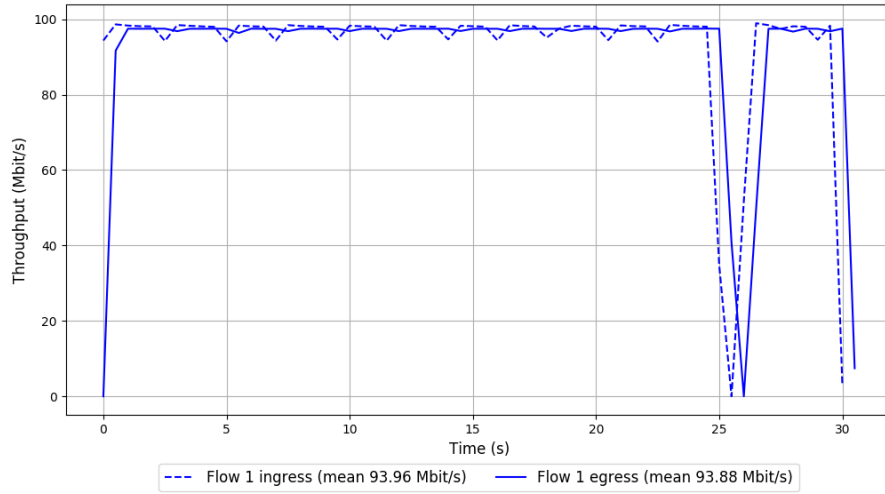
-- Flow 1:

Average throughput: 93.88 Mbit/s

95th percentile per-packet one-way delay: 31.681 ms

Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-05-29 20:44:52

End at: 2019-05-29 20:45:22

Local clock offset: -5.616 ms

Remote clock offset: 0.676 ms

Below is generated by plot.py at 2019-05-29 21:34:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.02 Mbit/s

95th percentile per-packet one-way delay: 33.103 ms

Loss rate: 0.01%

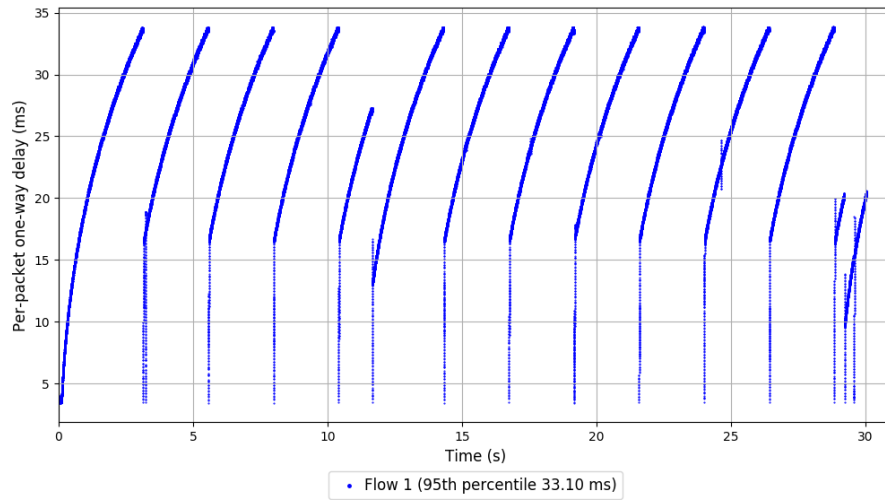
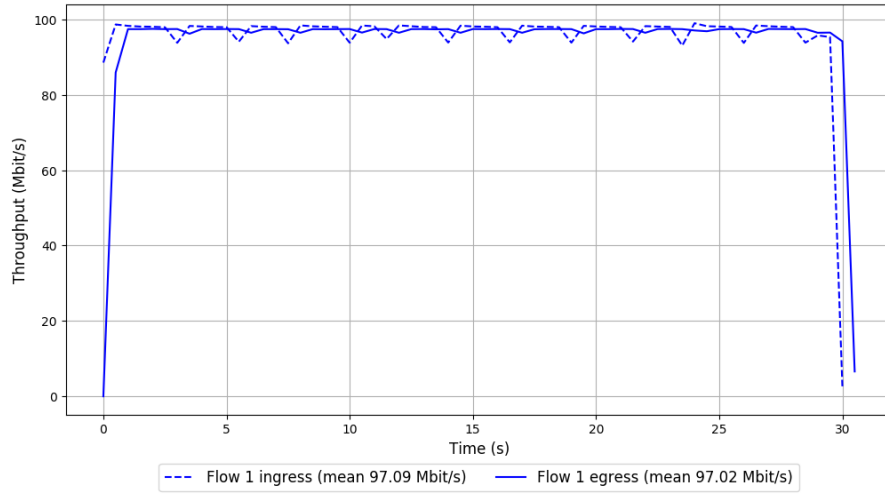
-- Flow 1:

Average throughput: 97.02 Mbit/s

95th percentile per-packet one-way delay: 33.103 ms

Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-05-29 21:08:21

End at: 2019-05-29 21:08:51

Local clock offset: -4.691 ms

Remote clock offset: 0.506 ms

Below is generated by plot.py at 2019-05-29 21:34:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.737 ms

Loss rate: 0.01%

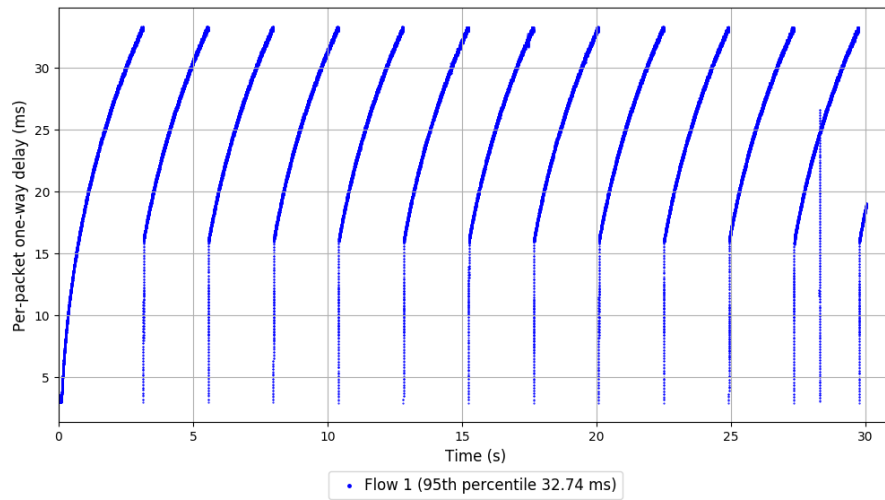
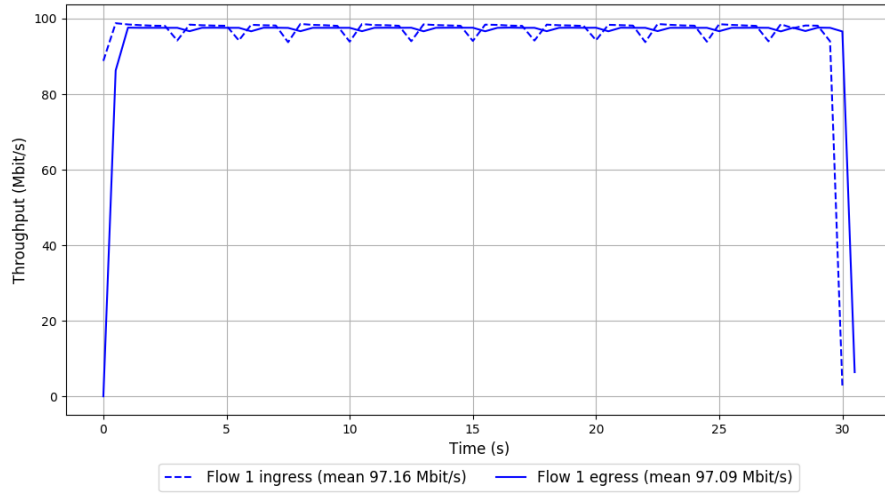
-- Flow 1:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.737 ms

Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link

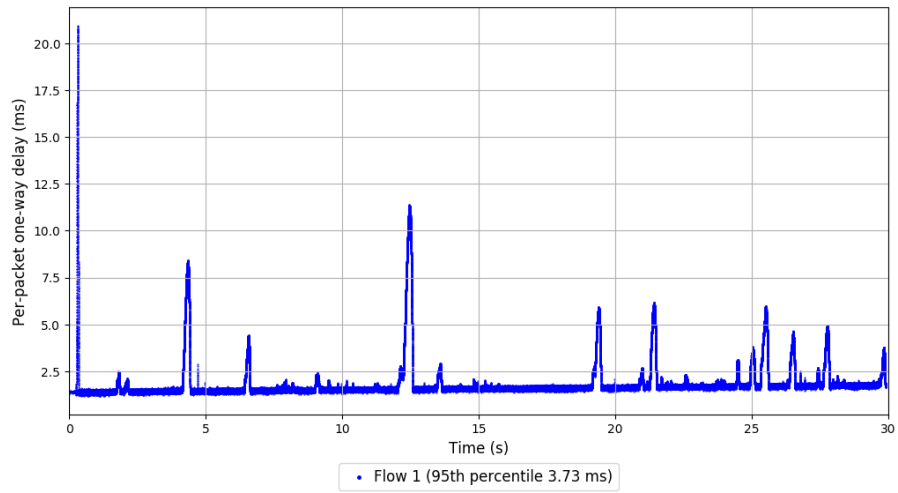
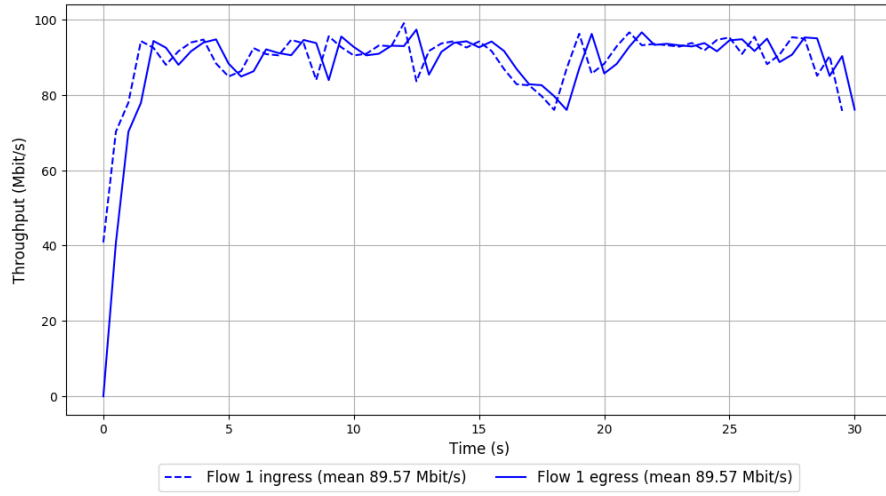


Run 1: Statistics of PCC-Allegro

Start at: 2019-05-29 19:37:58
End at: 2019-05-29 19:38:28
Local clock offset: -13.284 ms
Remote clock offset: 0.172 ms

Below is generated by plot.py at 2019-05-29 21:34:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.57 Mbit/s
95th percentile per-packet one-way delay: 3.729 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.57 Mbit/s
95th percentile per-packet one-way delay: 3.729 ms
Loss rate: 0.00%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-05-29 20:01:24

End at: 2019-05-29 20:01:54

Local clock offset: -8.552 ms

Remote clock offset: 0.393 ms

Below is generated by plot.py at 2019-05-29 21:34:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.96 Mbit/s

95th percentile per-packet one-way delay: 3.253 ms

Loss rate: 0.00%

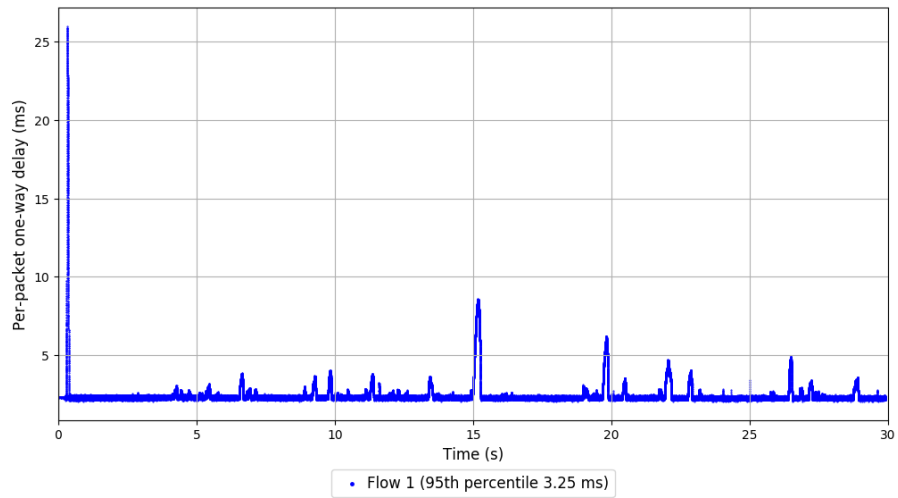
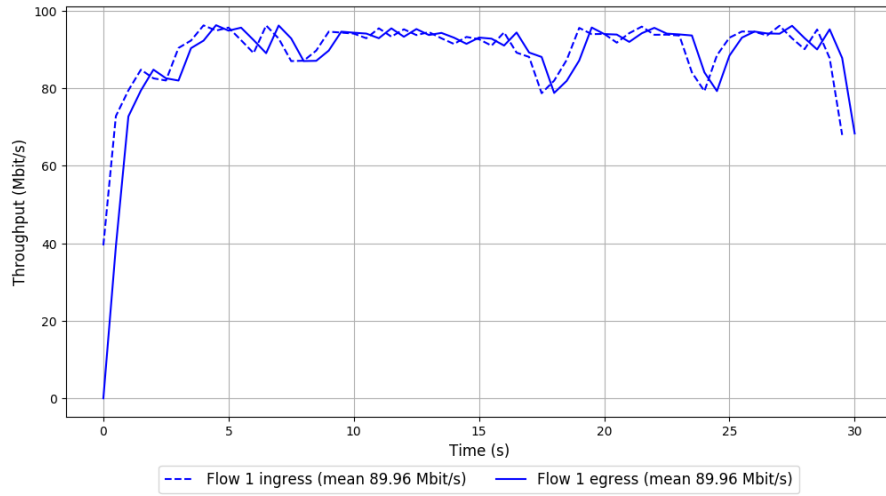
-- Flow 1:

Average throughput: 89.96 Mbit/s

95th percentile per-packet one-way delay: 3.253 ms

Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-05-29 20:24:50

End at: 2019-05-29 20:25:20

Local clock offset: -6.203 ms

Remote clock offset: 0.606 ms

Below is generated by plot.py at 2019-05-29 21:34:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.53 Mbit/s

95th percentile per-packet one-way delay: 3.684 ms

Loss rate: 0.00%

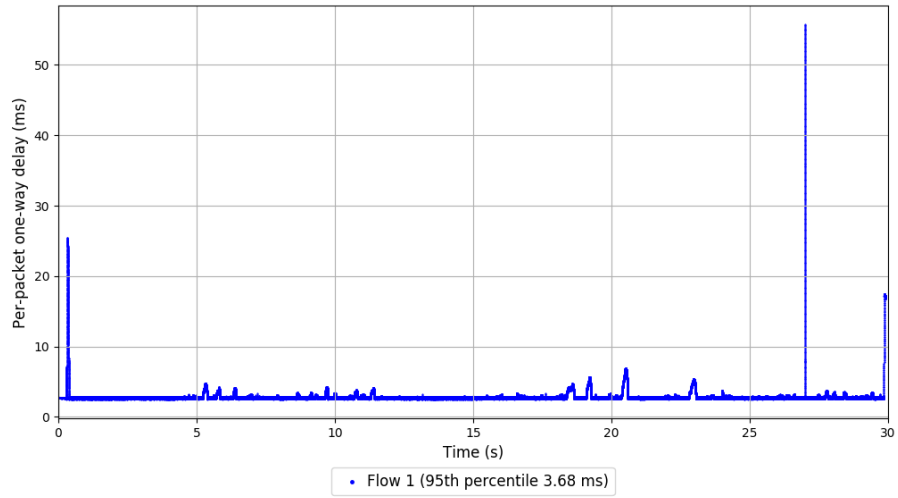
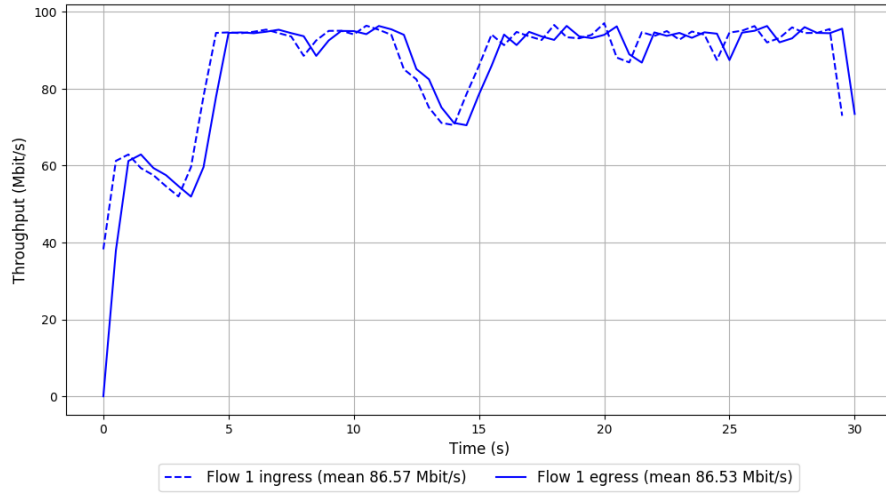
-- Flow 1:

Average throughput: 86.53 Mbit/s

95th percentile per-packet one-way delay: 3.684 ms

Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-05-29 20:48:15

End at: 2019-05-29 20:48:45

Local clock offset: -5.008 ms

Remote clock offset: 0.686 ms

Below is generated by plot.py at 2019-05-29 21:35:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.69 Mbit/s

95th percentile per-packet one-way delay: 2.432 ms

Loss rate: 0.00%

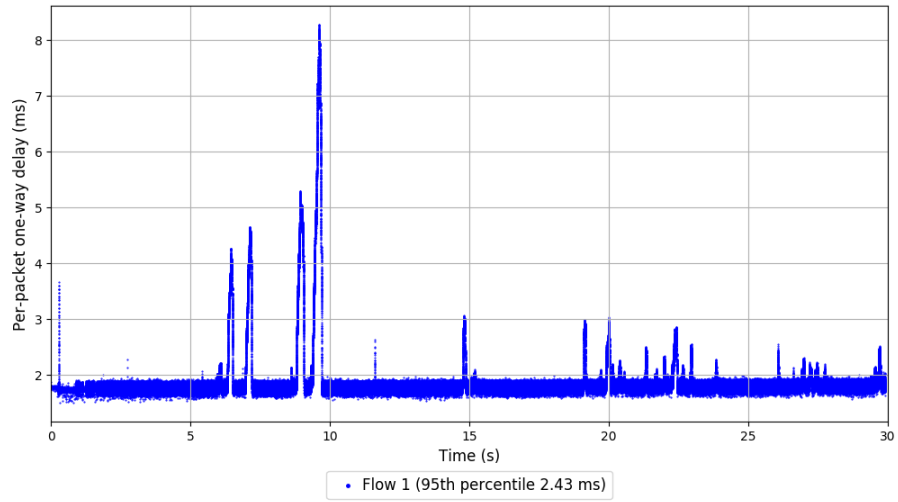
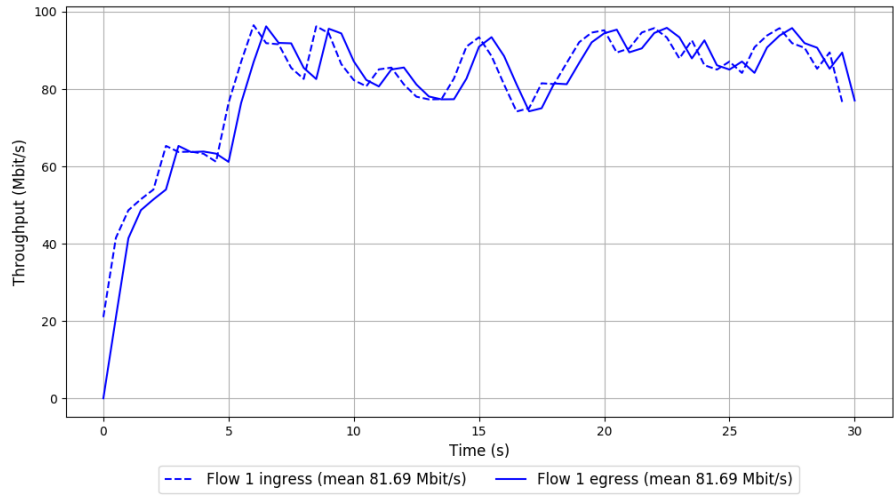
-- Flow 1:

Average throughput: 81.69 Mbit/s

95th percentile per-packet one-way delay: 2.432 ms

Loss rate: 0.00%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-05-29 21:11:44

End at: 2019-05-29 21:12:14

Local clock offset: -4.409 ms

Remote clock offset: 0.539 ms

Below is generated by plot.py at 2019-05-29 21:35:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 9.724 ms

Loss rate: 0.04%

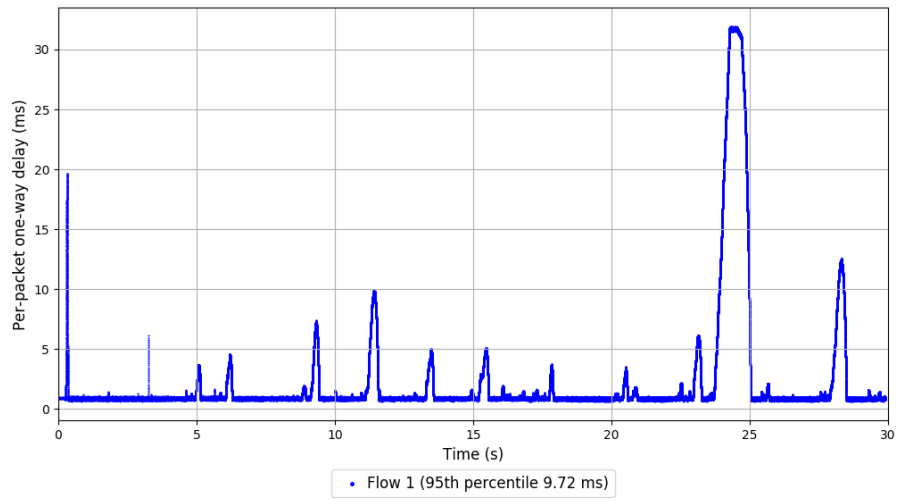
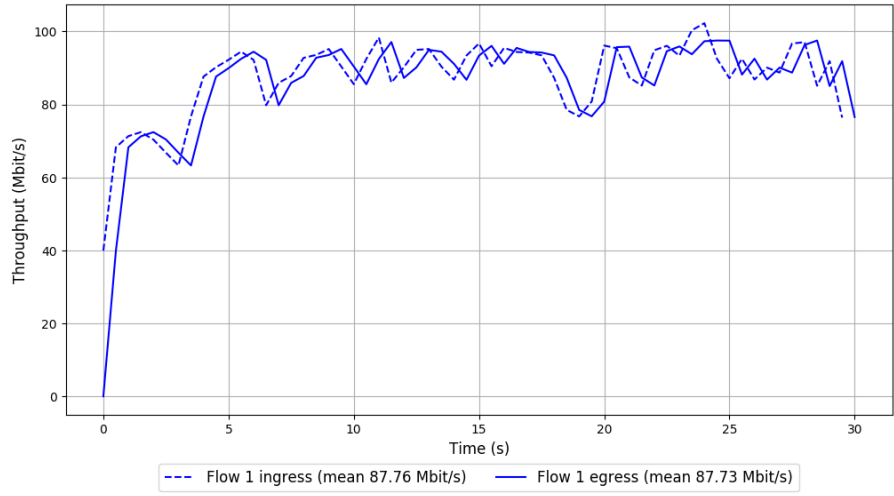
-- Flow 1:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 9.724 ms

Loss rate: 0.04%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

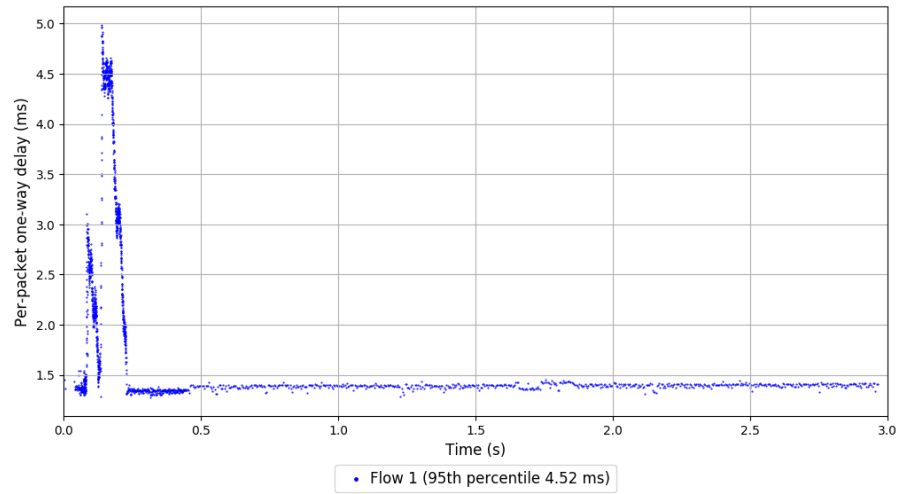
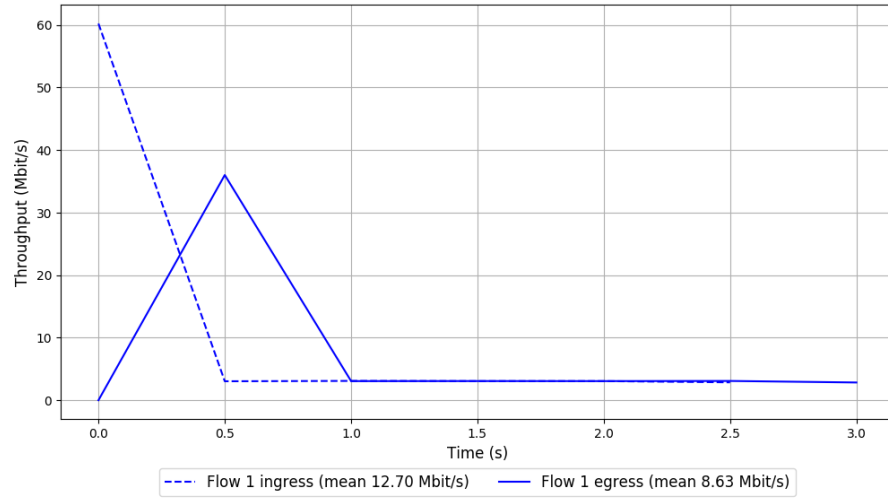
Start at: 2019-05-29 19:42:20

End at: 2019-05-29 19:42:50

Local clock offset: -10.625 ms

Remote clock offset: 0.3 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

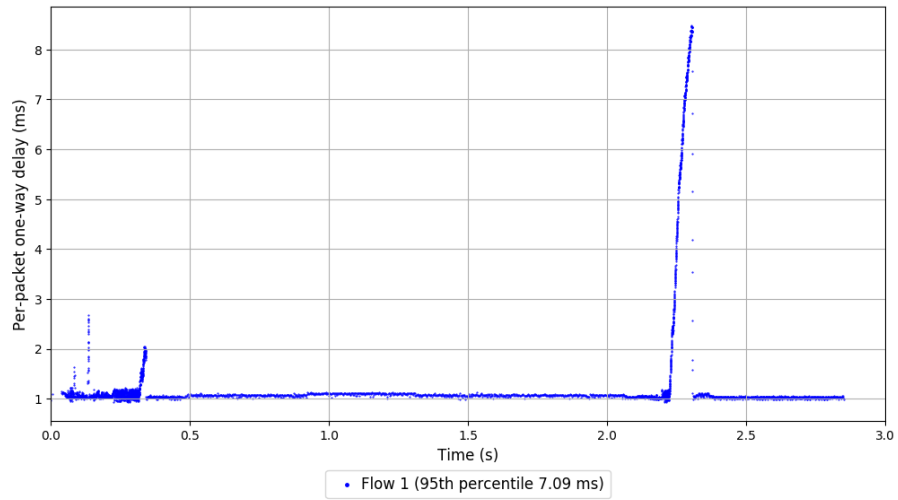
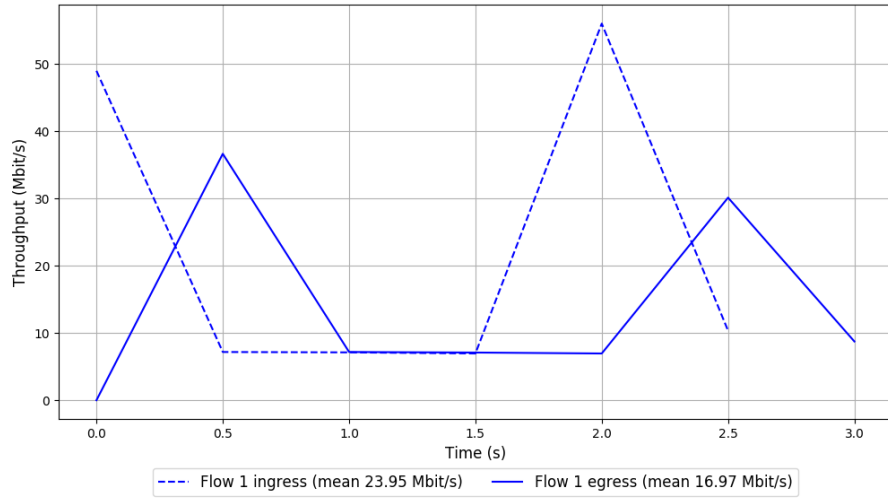
Start at: 2019-05-29 20:05:46

End at: 2019-05-29 20:06:17

Local clock offset: -9.189 ms

Remote clock offset: 0.422 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

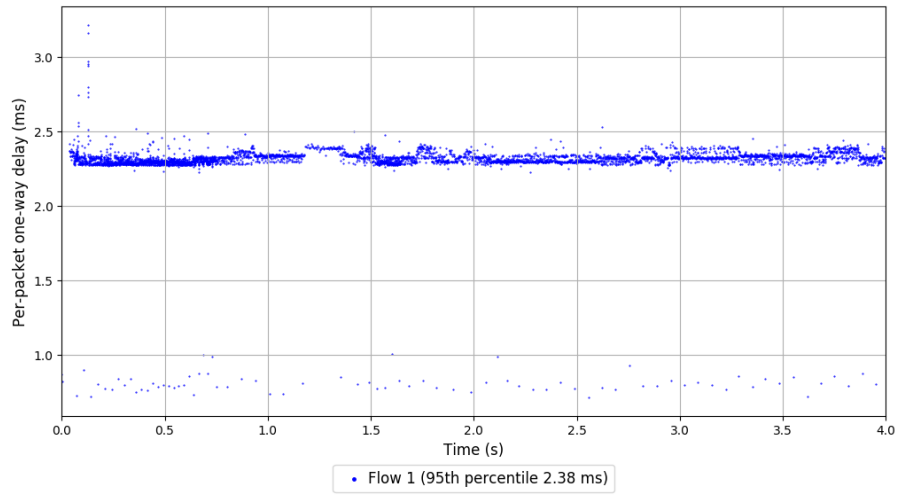
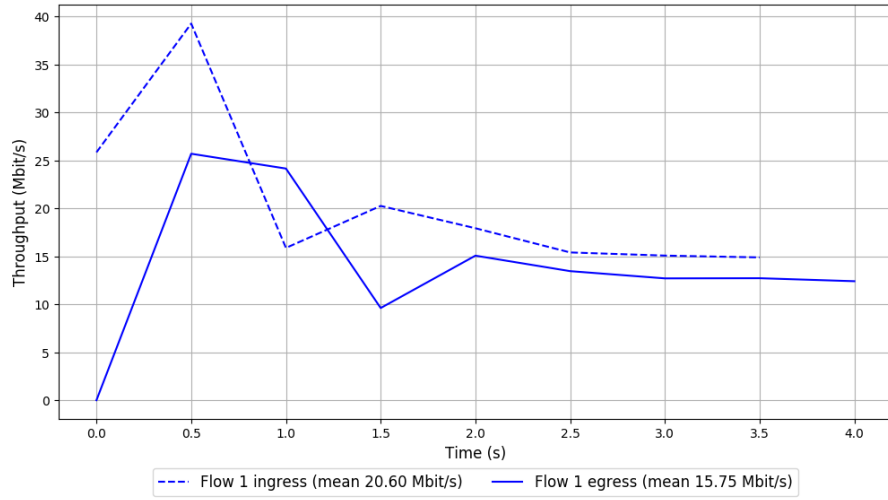
Start at: 2019-05-29 20:29:11

End at: 2019-05-29 20:29:41

Local clock offset: -5.993 ms

Remote clock offset: 0.521 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

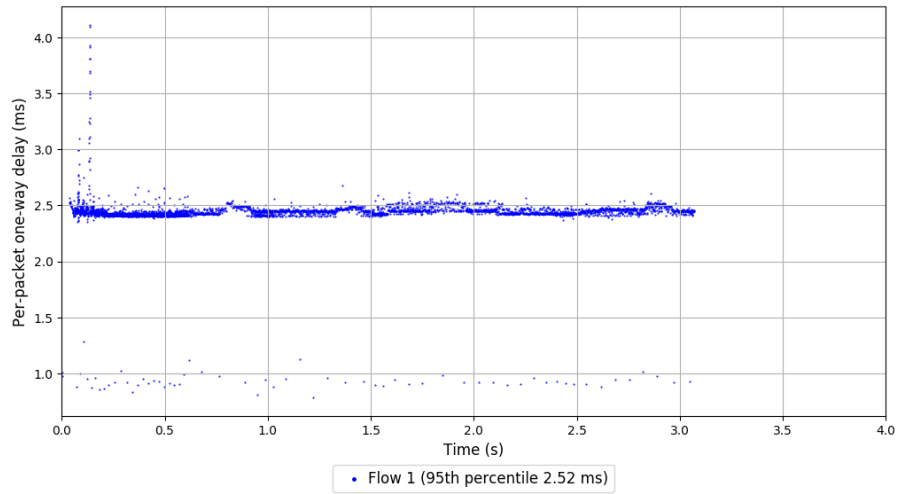
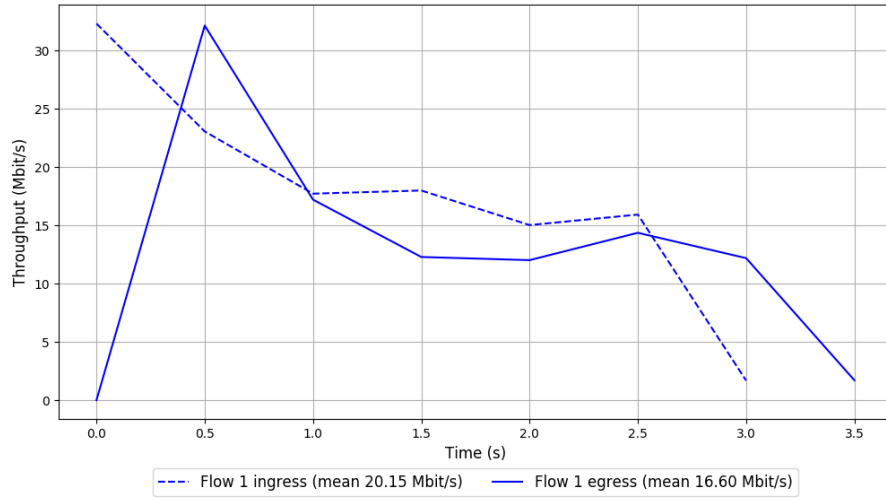
Start at: 2019-05-29 20:52:37

End at: 2019-05-29 20:53:07

Local clock offset: -4.01 ms

Remote clock offset: 0.63 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

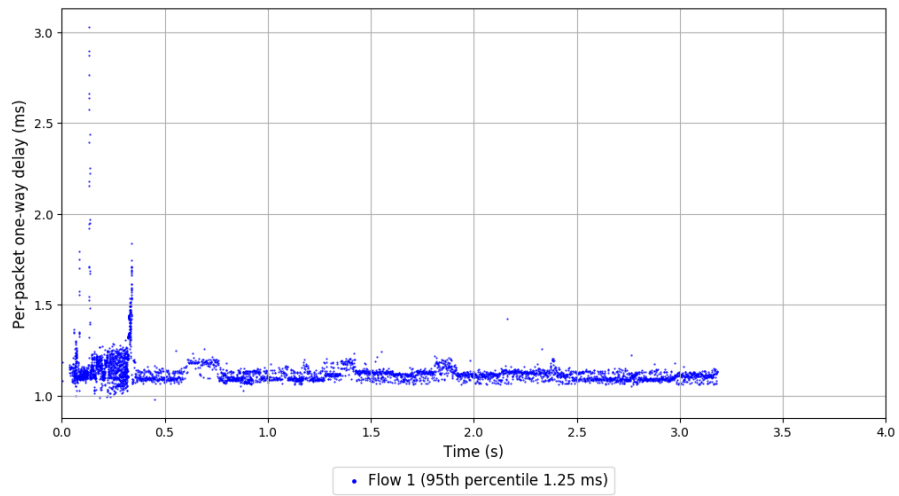
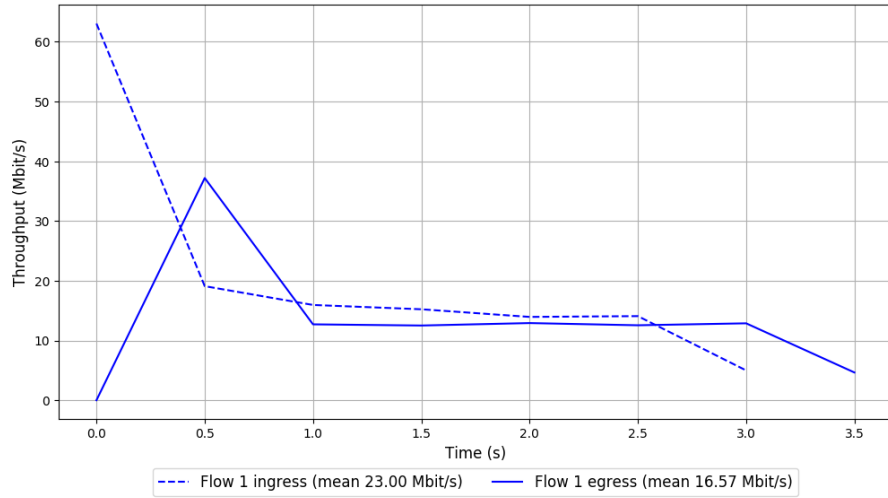
Start at: 2019-05-29 21:16:06

End at: 2019-05-29 21:16:36

Local clock offset: -5.079 ms

Remote clock offset: 0.562 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-05-29 19:51:18

End at: 2019-05-29 19:51:48

Local clock offset: -8.608 ms

Remote clock offset: 0.271 ms

Below is generated by plot.py at 2019-05-29 21:35:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.39 Mbit/s

95th percentile per-packet one-way delay: 4.595 ms

Loss rate: 0.29%

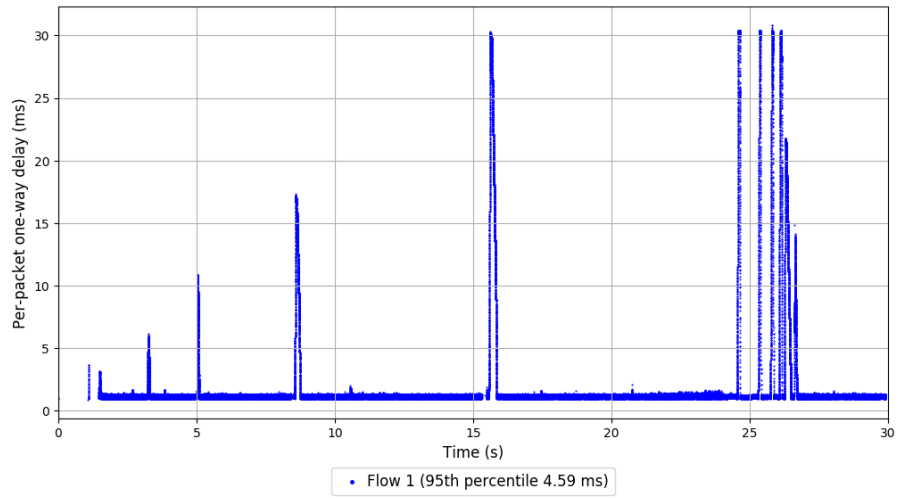
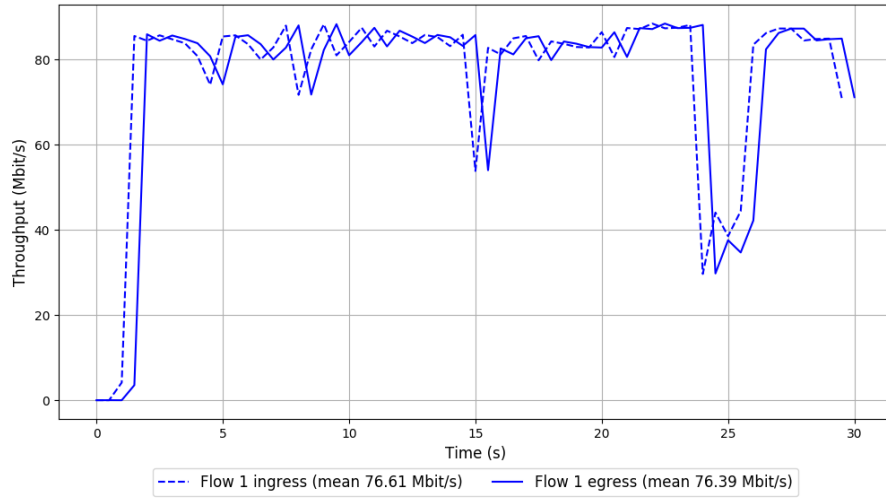
-- Flow 1:

Average throughput: 76.39 Mbit/s

95th percentile per-packet one-way delay: 4.595 ms

Loss rate: 0.29%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-05-29 20:14:43

End at: 2019-05-29 20:15:13

Local clock offset: -7.592 ms

Remote clock offset: 0.444 ms

Below is generated by plot.py at 2019-05-29 21:35:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.86 Mbit/s

95th percentile per-packet one-way delay: 9.845 ms

Loss rate: 0.44%

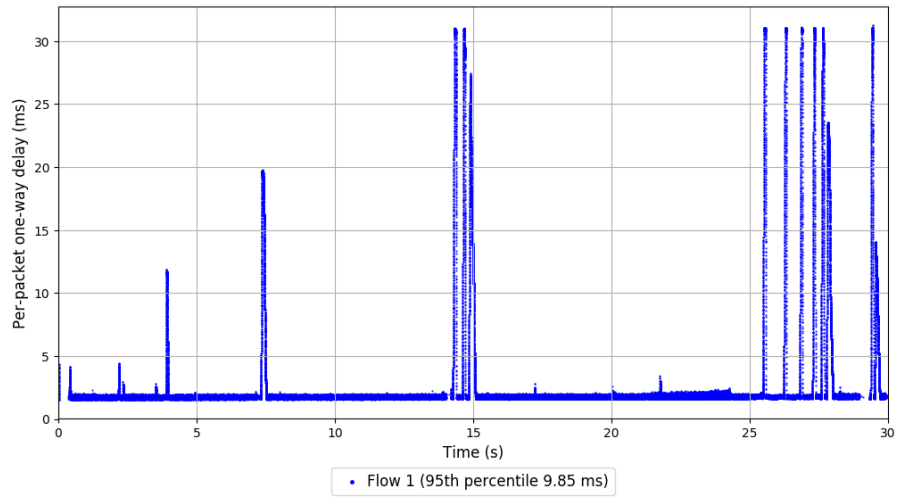
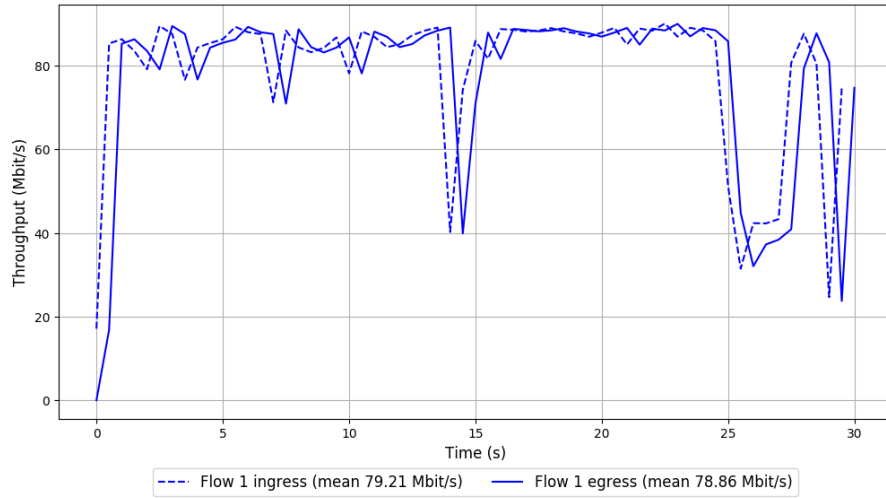
-- Flow 1:

Average throughput: 78.86 Mbit/s

95th percentile per-packet one-way delay: 9.845 ms

Loss rate: 0.44%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-05-29 20:38:09

End at: 2019-05-29 20:38:39

Local clock offset: -6.115 ms

Remote clock offset: 0.56 ms

Below is generated by plot.py at 2019-05-29 21:35:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.33 Mbit/s

95th percentile per-packet one-way delay: 2.710 ms

Loss rate: 0.34%

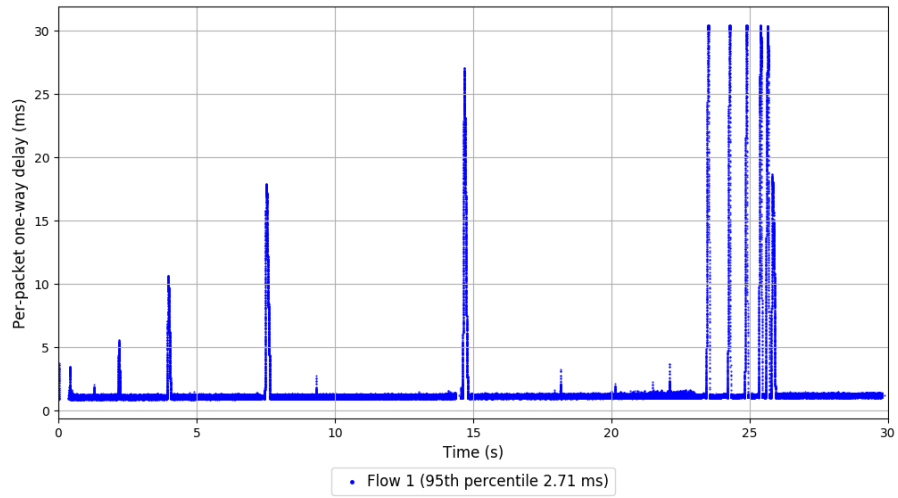
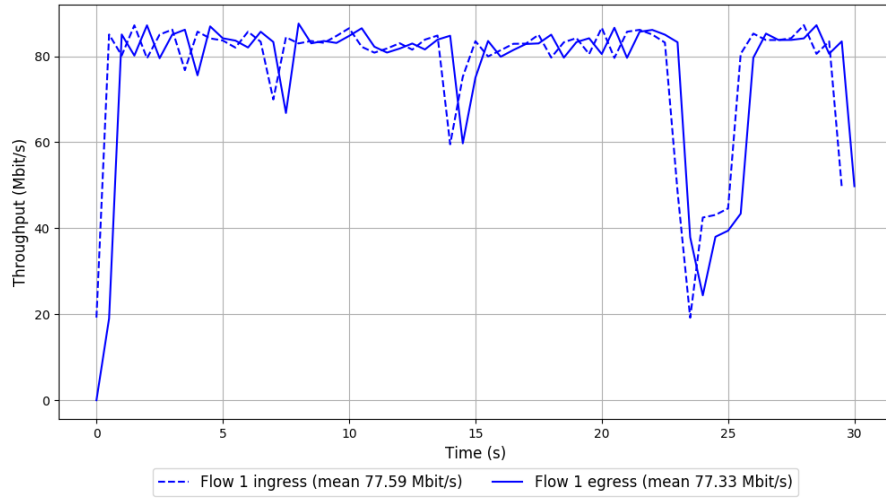
-- Flow 1:

Average throughput: 77.33 Mbit/s

95th percentile per-packet one-way delay: 2.710 ms

Loss rate: 0.34%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-05-29 21:01:37

End at: 2019-05-29 21:02:07

Local clock offset: -4.044 ms

Remote clock offset: 0.548 ms

Below is generated by plot.py at 2019-05-29 21:35:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.87 Mbit/s

95th percentile per-packet one-way delay: 3.026 ms

Loss rate: 0.28%

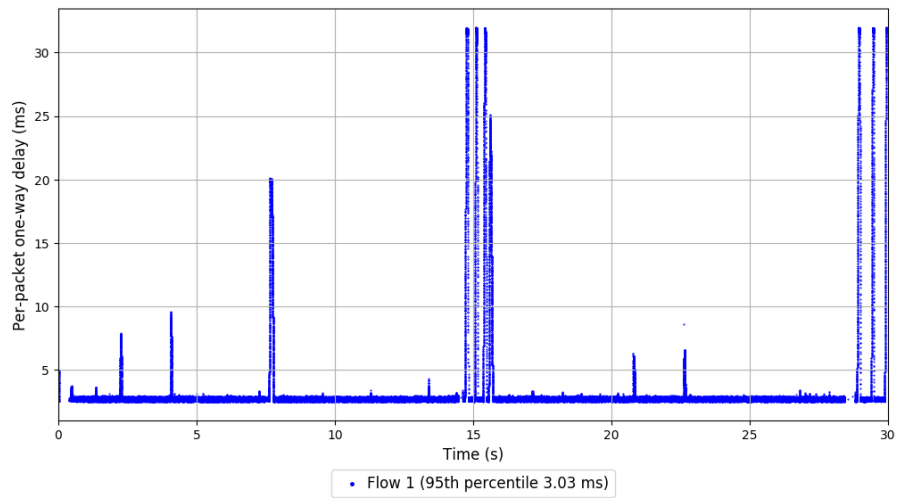
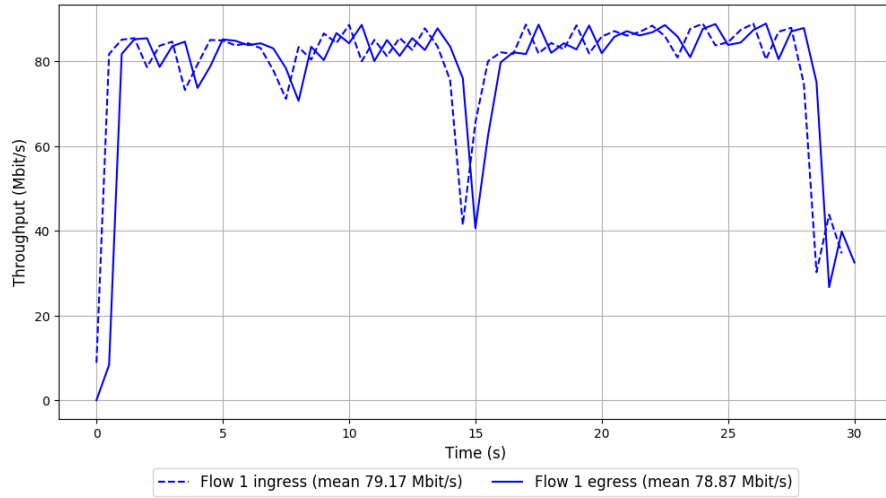
-- Flow 1:

Average throughput: 78.87 Mbit/s

95th percentile per-packet one-way delay: 3.026 ms

Loss rate: 0.28%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-05-29 21:25:03

End at: 2019-05-29 21:25:33

Local clock offset: -6.392 ms

Remote clock offset: 0.487 ms

Below is generated by plot.py at 2019-05-29 21:35:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.39 Mbit/s

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

Loss rate: 0.31%

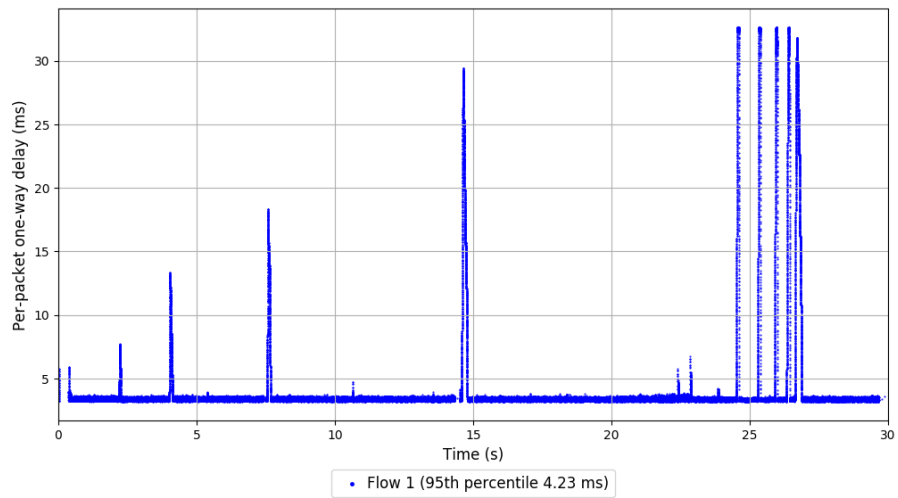
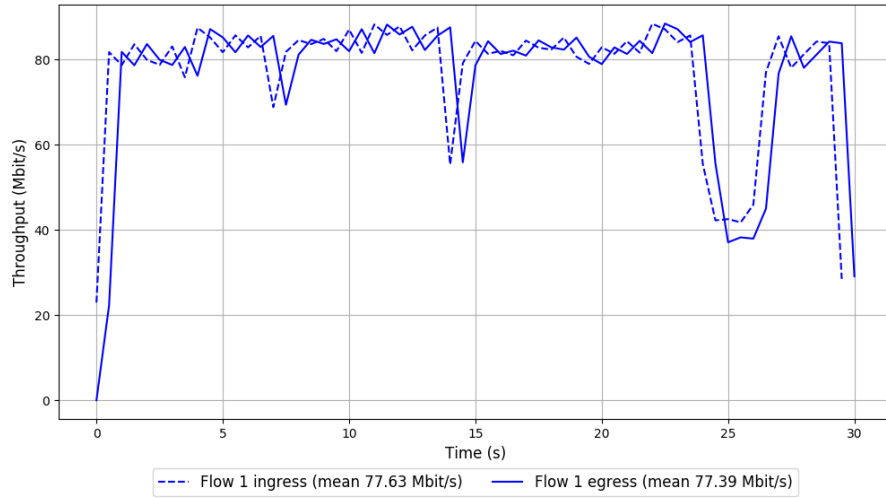
-- Flow 1:

Average throughput: 77.39 Mbit/s

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

Loss rate: 0.31%

Run 5: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2019-05-29 19:41:16
End at: 2019-05-29 19:41:46
Local clock offset: -10.952 ms
Remote clock offset: 0.229 ms

Below is generated by plot.py at 2019-05-29 21:35:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.378 ms

Loss rate: 0.00%

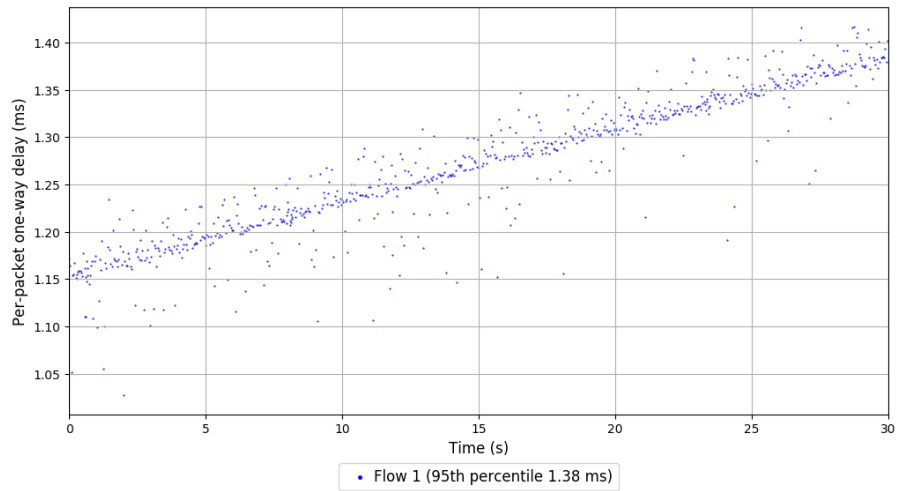
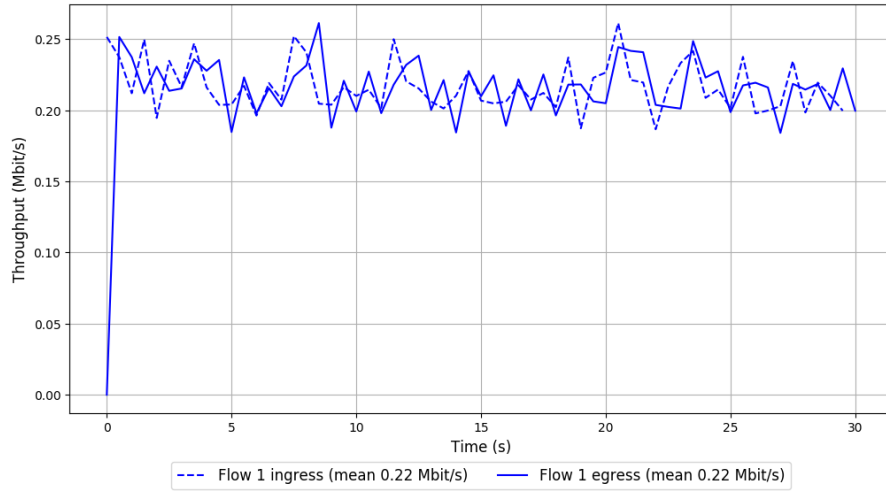
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.378 ms

Loss rate: 0.00%

Run 1: Report of SCReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-05-29 20:04:42

End at: 2019-05-29 20:05:12

Local clock offset: -9.631 ms

Remote clock offset: 0.515 ms

Below is generated by plot.py at 2019-05-29 21:35:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.726 ms

Loss rate: 0.00%

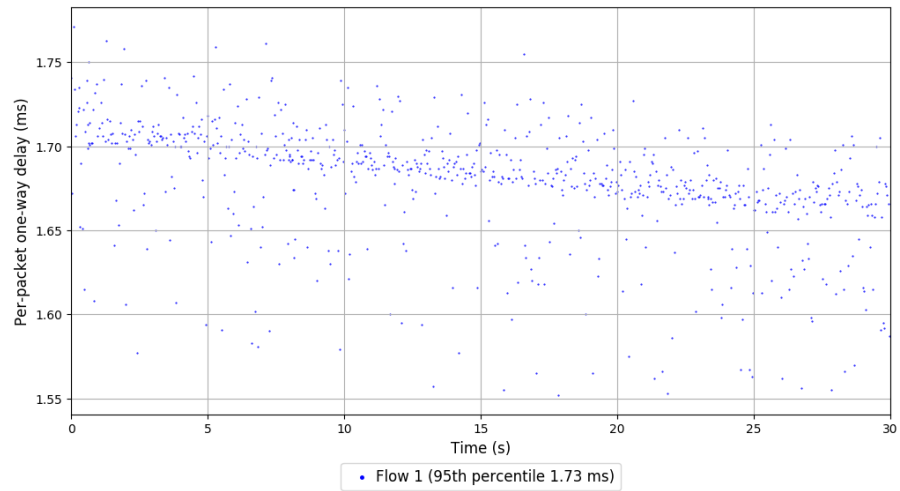
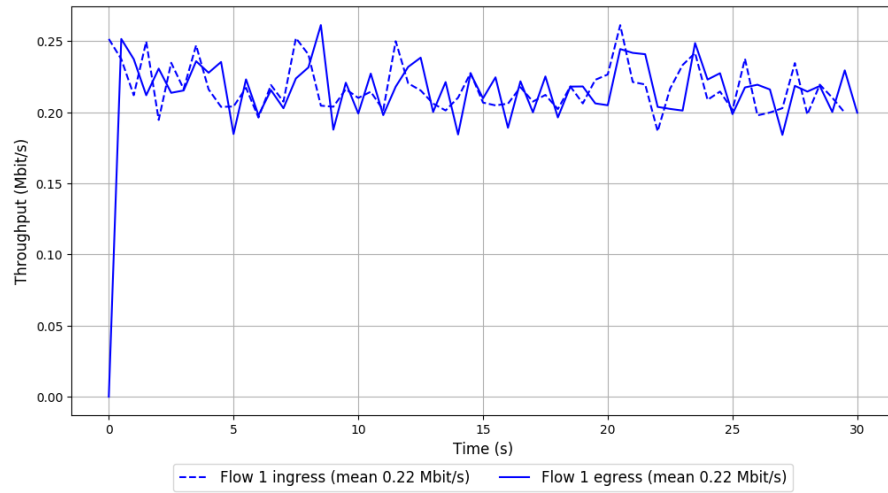
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.726 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-05-29 20:28:07

End at: 2019-05-29 20:28:37

Local clock offset: -6.988 ms

Remote clock offset: 0.53 ms

Below is generated by plot.py at 2019-05-29 21:35:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.899 ms

Loss rate: 0.00%

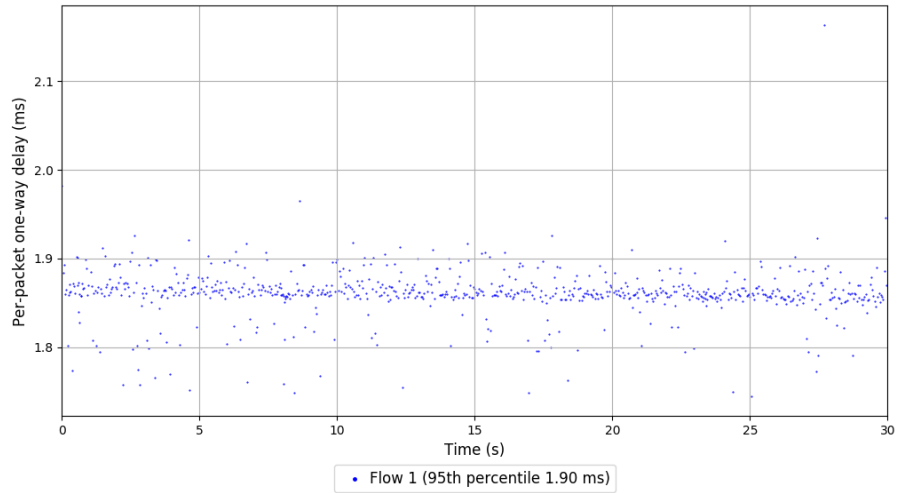
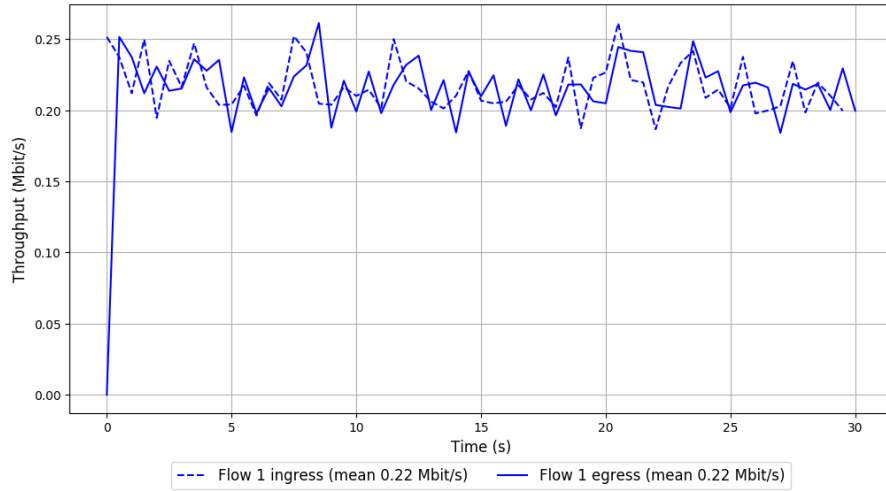
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.899 ms

Loss rate: 0.00%

Run 3: Report of SCReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-05-29 20:51:33

End at: 2019-05-29 20:52:03

Local clock offset: -4.027 ms

Remote clock offset: 0.622 ms

Below is generated by plot.py at 2019-05-29 21:35:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.487 ms

Loss rate: 0.00%

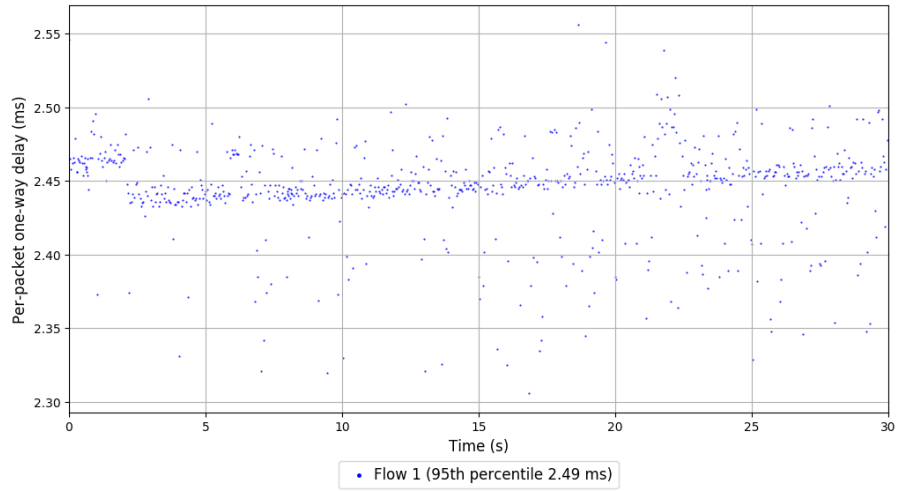
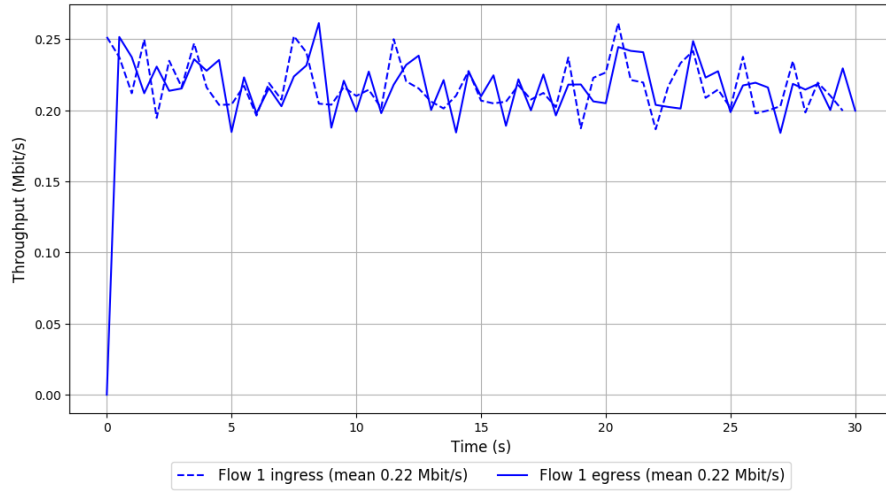
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.487 ms

Loss rate: 0.00%

Run 4: Report of SCReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-05-29 21:15:01

End at: 2019-05-29 21:15:31

Local clock offset: -4.702 ms

Remote clock offset: 0.613 ms

Below is generated by plot.py at 2019-05-29 21:35:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.433 ms

Loss rate: 0.00%

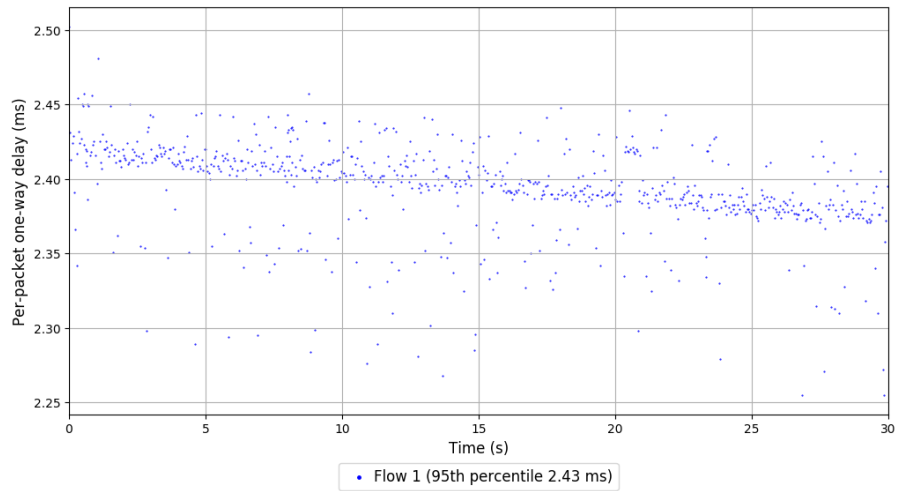
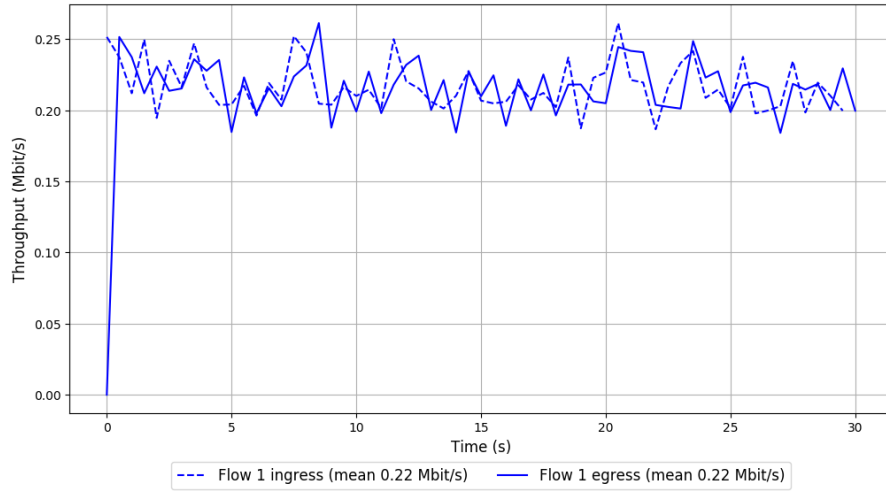
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.433 ms

Loss rate: 0.00%

Run 5: Report of SCReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-05-29 19:47:55

End at: 2019-05-29 19:48:25

Local clock offset: -8.789 ms

Remote clock offset: 0.298 ms

Below is generated by plot.py at 2019-05-29 21:35:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.33 Mbit/s

95th percentile per-packet one-way delay: 12.012 ms

Loss rate: 0.00%

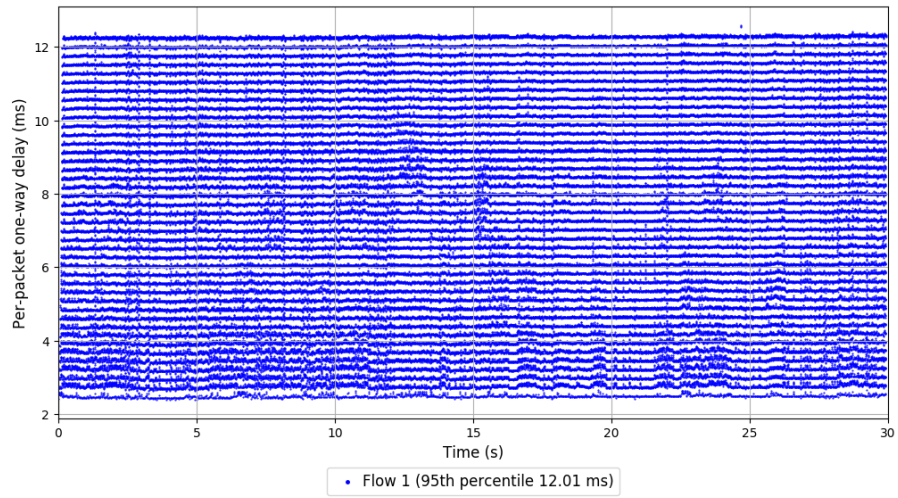
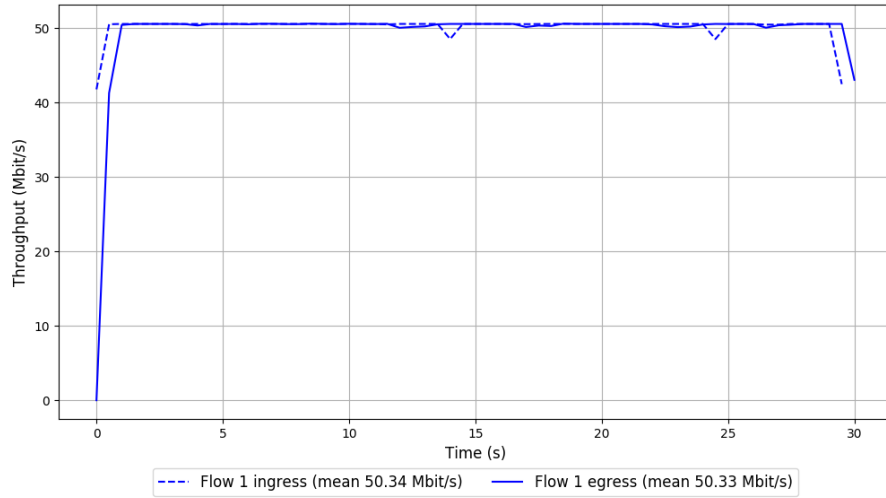
-- Flow 1:

Average throughput: 50.33 Mbit/s

95th percentile per-packet one-way delay: 12.012 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2019-05-29 20:11:21

End at: 2019-05-29 20:11:51

Local clock offset: -7.631 ms

Remote clock offset: 0.386 ms

Below is generated by plot.py at 2019-05-29 21:35:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.27 Mbit/s

95th percentile per-packet one-way delay: 10.380 ms

Loss rate: 0.00%

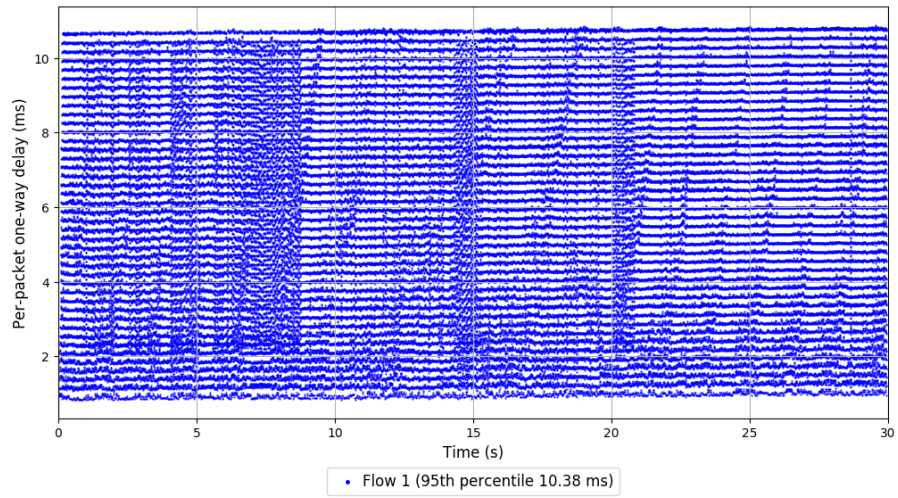
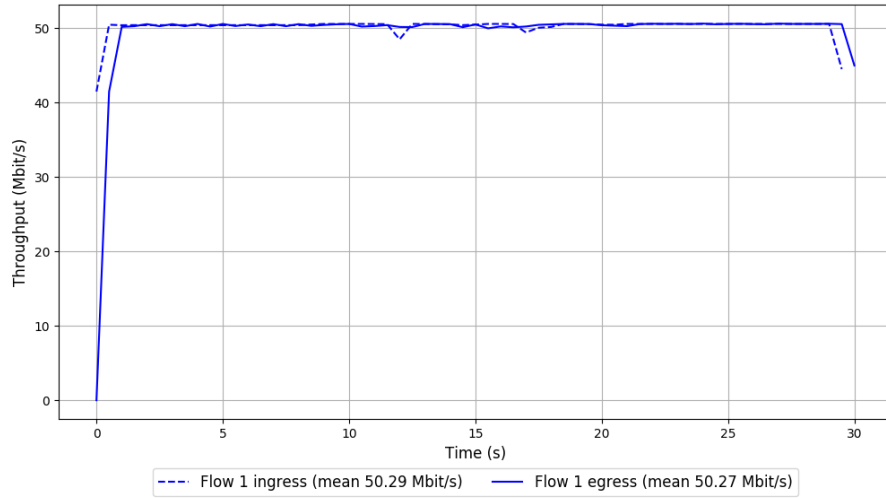
-- Flow 1:

Average throughput: 50.27 Mbit/s

95th percentile per-packet one-way delay: 10.380 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2019-05-29 20:34:46

End at: 2019-05-29 20:35:16

Local clock offset: -6.226 ms

Remote clock offset: 0.619 ms

Below is generated by plot.py at 2019-05-29 21:35:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.30 Mbit/s

95th percentile per-packet one-way delay: 11.959 ms

Loss rate: 0.00%

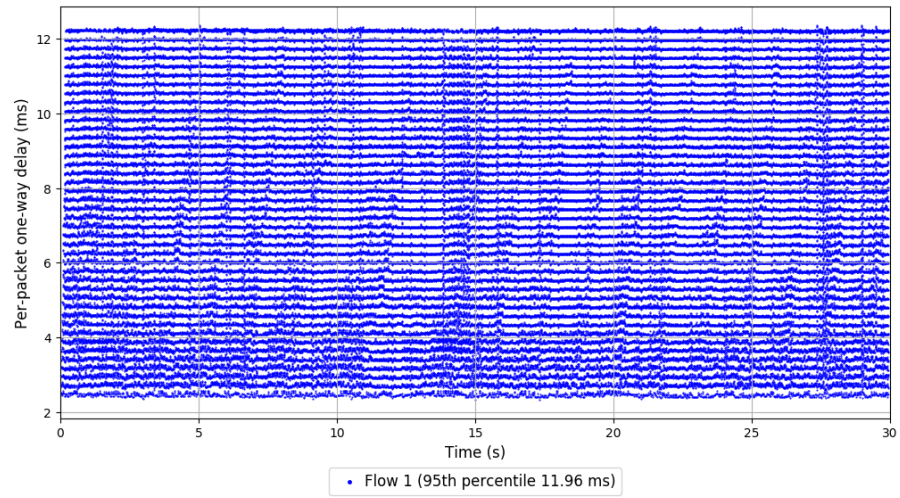
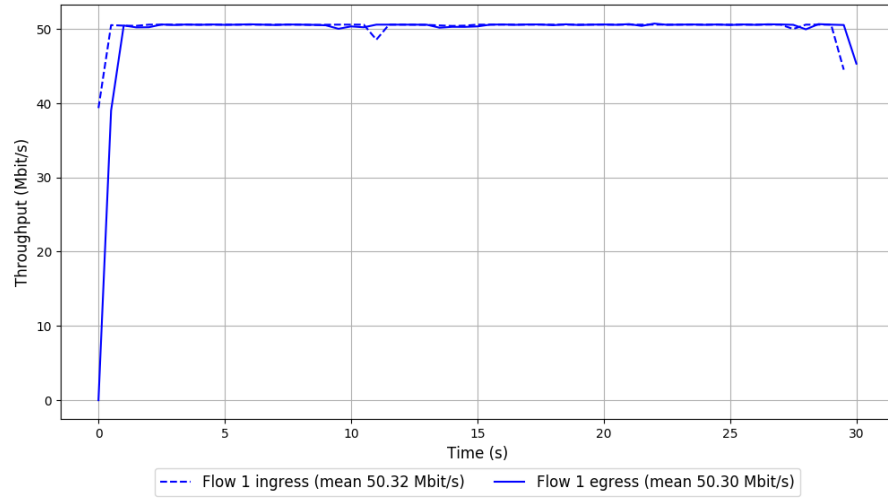
-- Flow 1:

Average throughput: 50.30 Mbit/s

95th percentile per-packet one-way delay: 11.959 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-05-29 20:58:14

End at: 2019-05-29 20:58:44

Local clock offset: -3.784 ms

Remote clock offset: 0.606 ms

Below is generated by plot.py at 2019-05-29 21:35:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.40 Mbit/s

95th percentile per-packet one-way delay: 10.392 ms

Loss rate: 0.00%

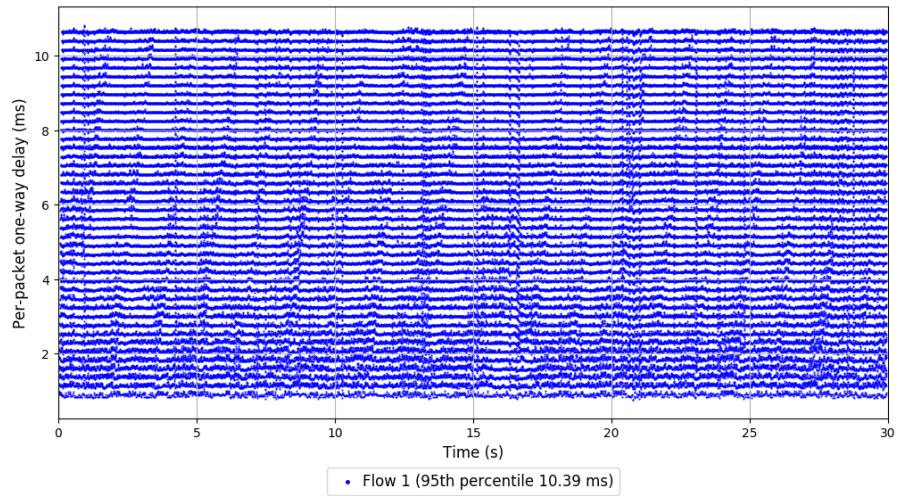
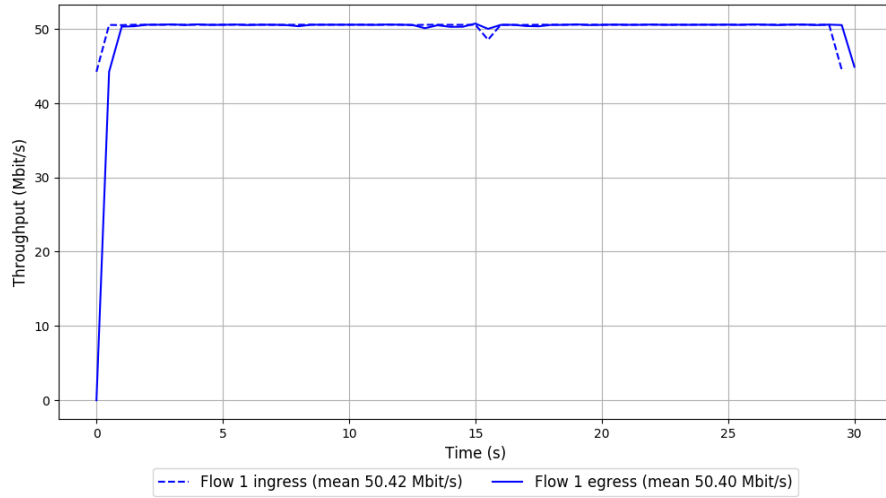
-- Flow 1:

Average throughput: 50.40 Mbit/s

95th percentile per-packet one-way delay: 10.392 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-05-29 21:21:40

End at: 2019-05-29 21:22:10

Local clock offset: -5.21 ms

Remote clock offset: 0.505 ms

Below is generated by plot.py at 2019-05-29 21:35:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.27 Mbit/s

95th percentile per-packet one-way delay: 11.602 ms

Loss rate: 0.00%

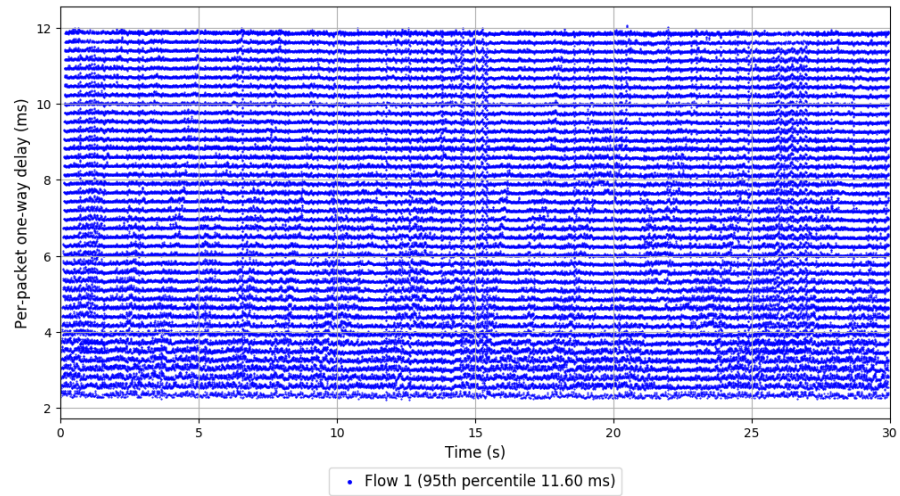
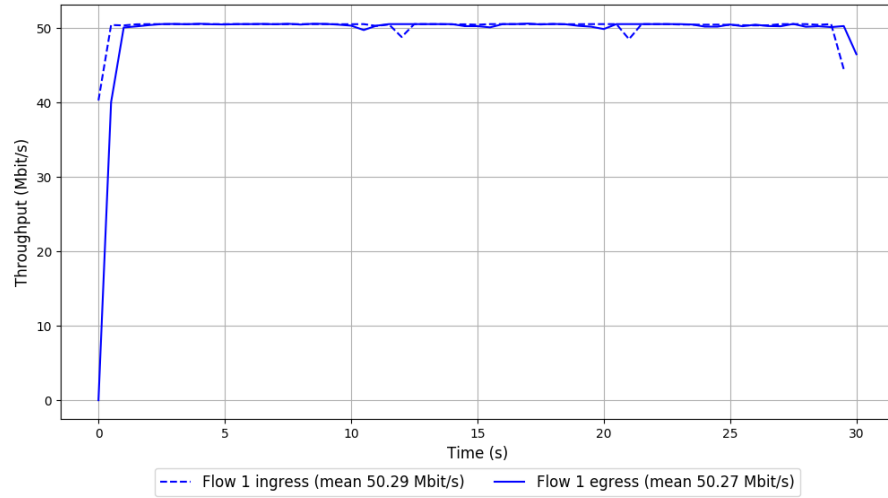
-- Flow 1:

Average throughput: 50.27 Mbit/s

95th percentile per-packet one-way delay: 11.602 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

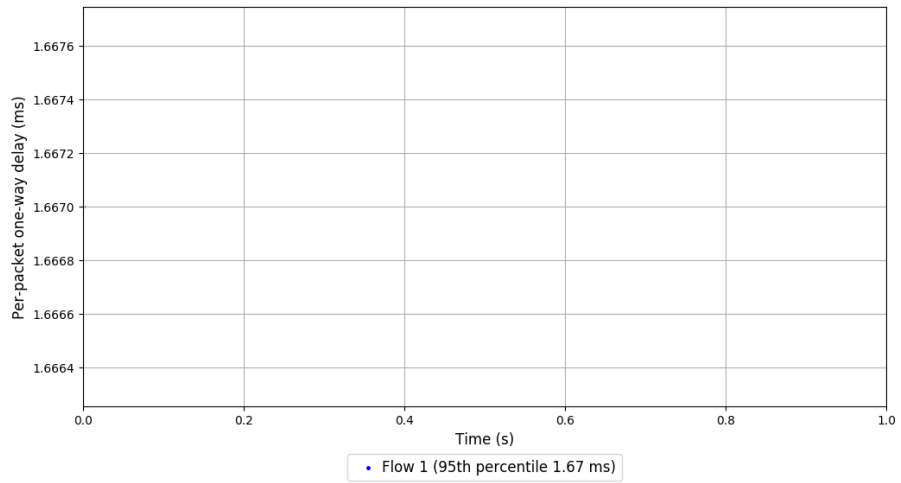
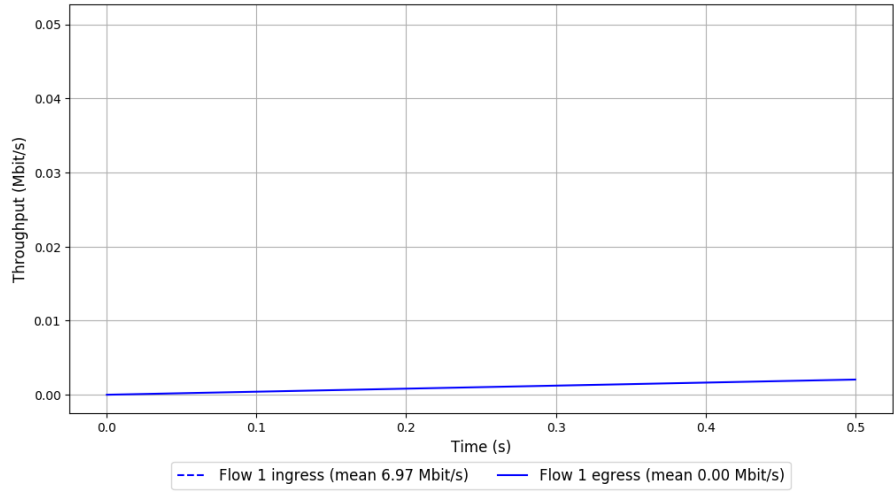
Start at: 2019-05-29 19:32:23

End at: 2019-05-29 19:32:53

Local clock offset: -13.181 ms

Remote clock offset: 0.116 ms

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



Run 2: Statistics of TaoVA-100x

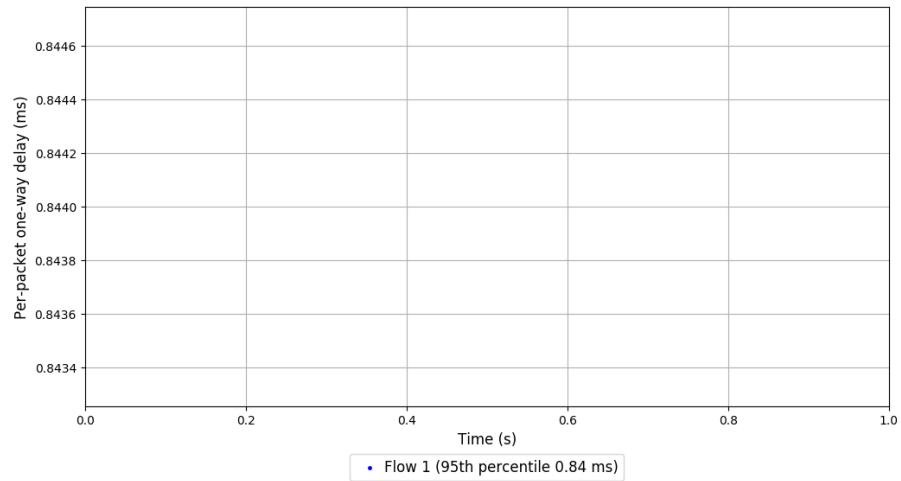
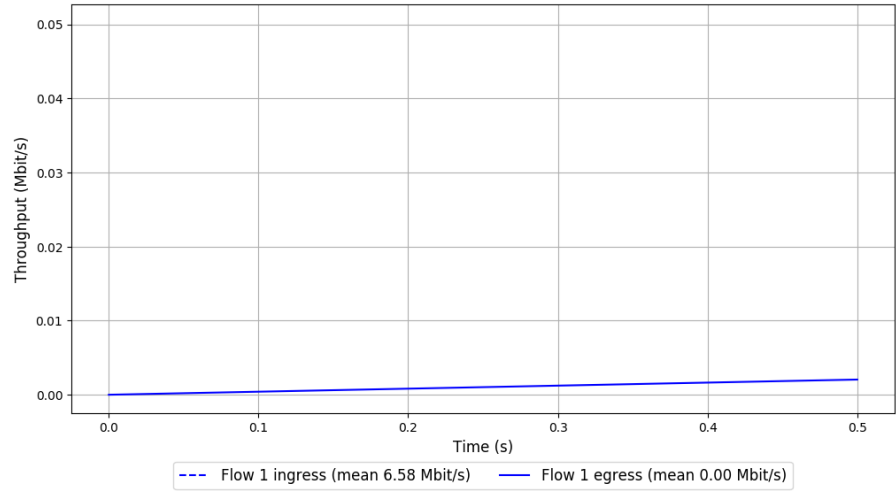
Start at: 2019-05-29 19:55:49

End at: 2019-05-29 19:56:19

Local clock offset: -8.336 ms

Remote clock offset: 0.403 ms

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



Run 3: Statistics of TaoVA-100x

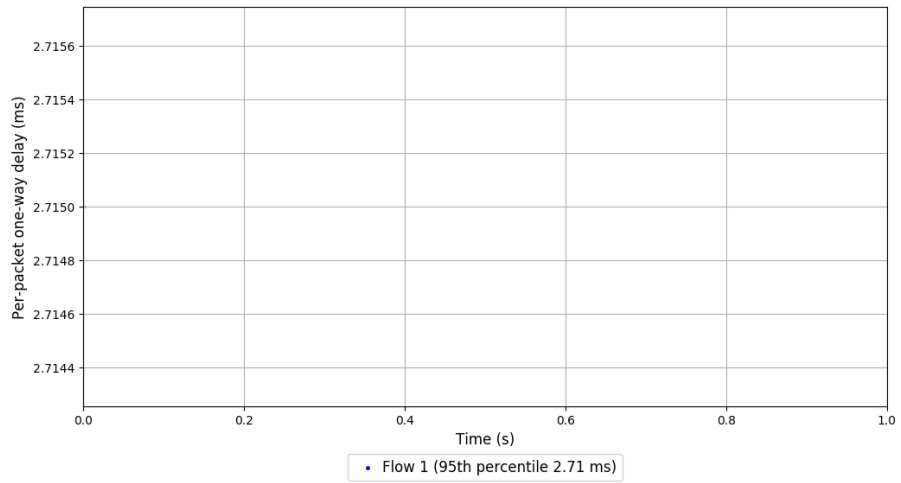
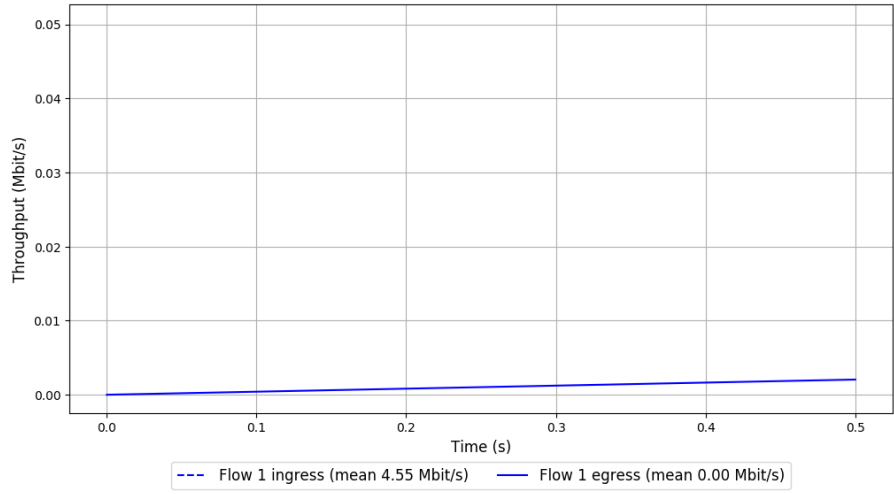
Start at: 2019-05-29 20:19:15

End at: 2019-05-29 20:19:45

Local clock offset: -6.424 ms

Remote clock offset: 0.506 ms

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



Run 4: Statistics of TaoVA-100x

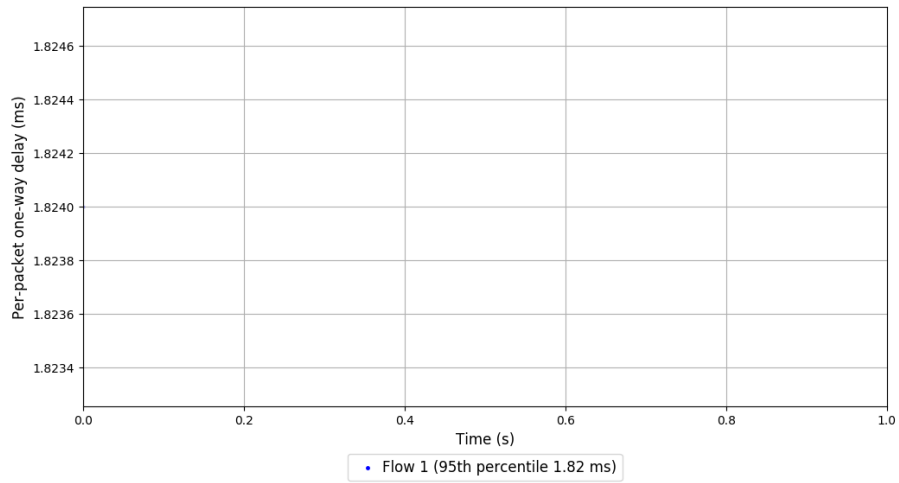
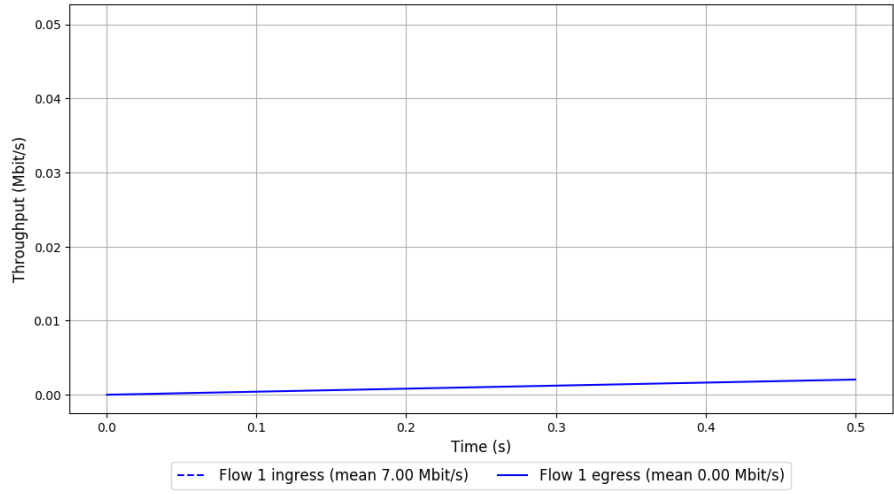
Start at: 2019-05-29 20:42:40

End at: 2019-05-29 20:43:11

Local clock offset: -5.736 ms

Remote clock offset: 0.604 ms

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



Run 5: Statistics of TaoVA-100x

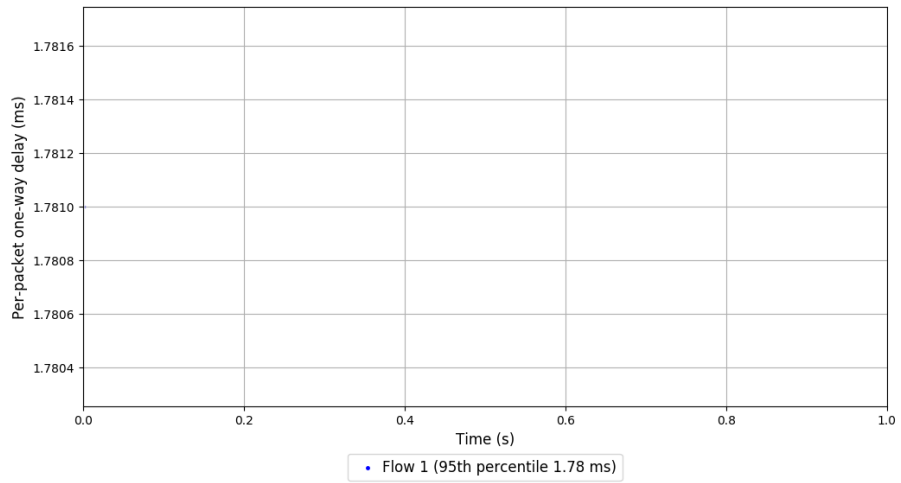
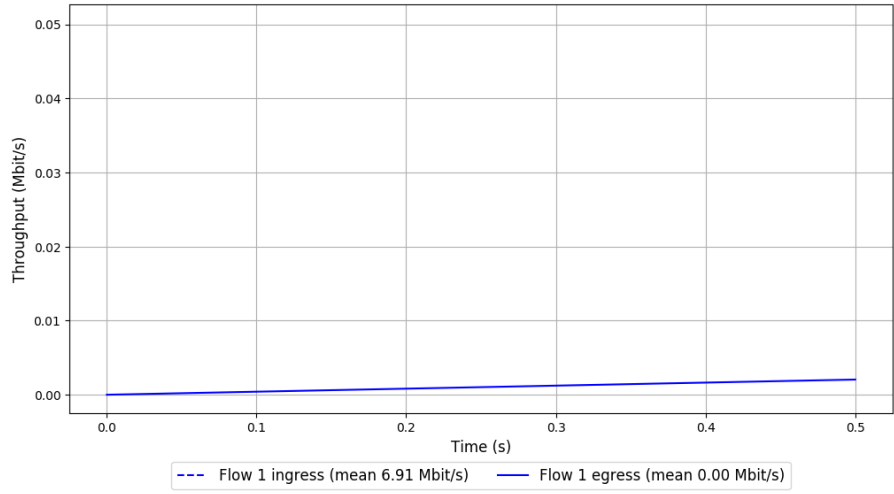
Start at: 2019-05-29 21:06:09

End at: 2019-05-29 21:06:39

Local clock offset: -4.61 ms

Remote clock offset: 0.483 ms

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



Run 1: Statistics of TCP Vegas

Start at: 2019-05-29 19:35:45
End at: 2019-05-29 19:36:15
Local clock offset: -13.036 ms
Remote clock offset: 0.153 ms

Below is generated by plot.py at 2019-05-29 21:36:39

Datalink statistics

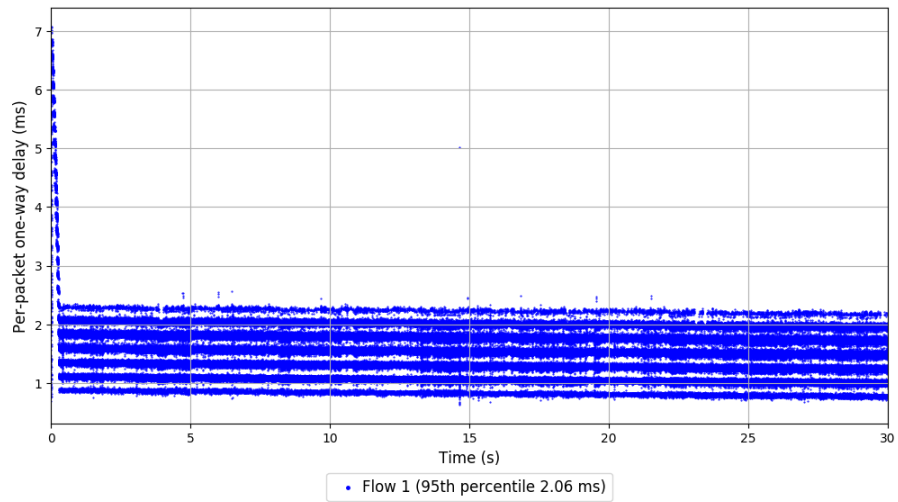
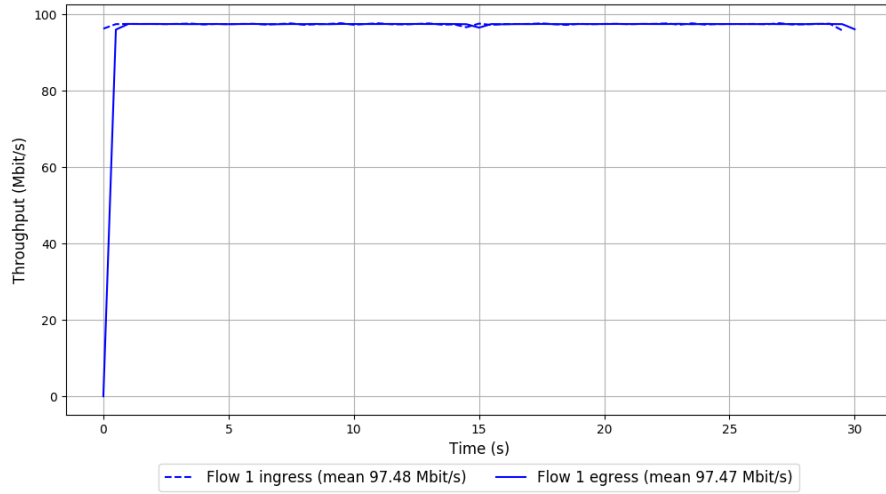
-- Total of 1 flow:

Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 2.062 ms
Loss rate: 0.00%

-- Flow 1:

Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 2.062 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-05-29 19:59:11

End at: 2019-05-29 19:59:41

Local clock offset: -9.424 ms

Remote clock offset: 0.379 ms

Below is generated by plot.py at 2019-05-29 21:36:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 7.430 ms

Loss rate: 0.00%

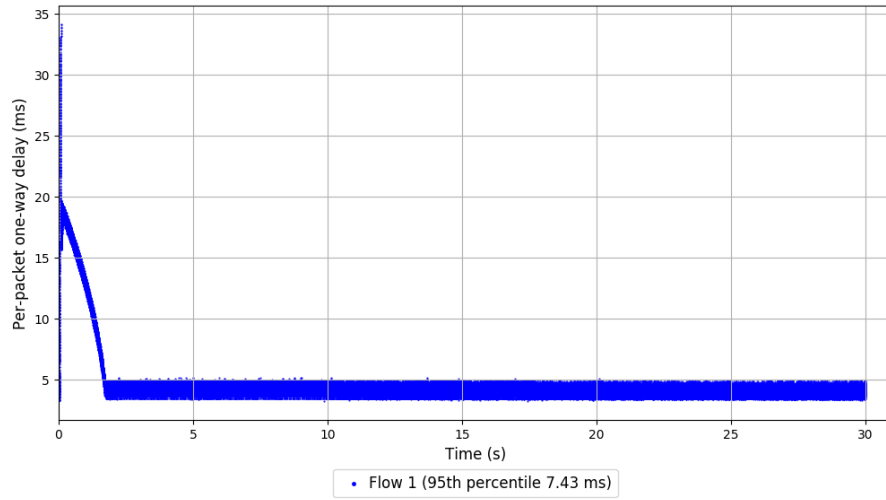
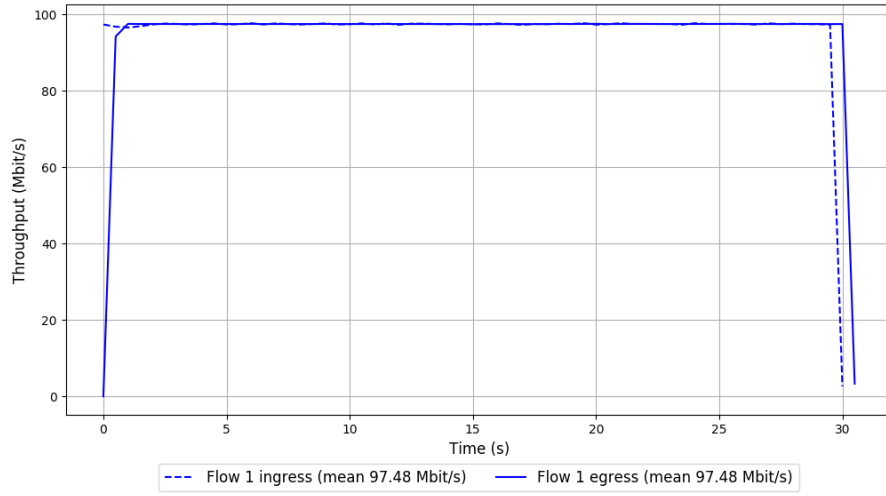
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 7.430 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-05-29 20:22:36

End at: 2019-05-29 20:23:06

Local clock offset: -6.297 ms

Remote clock offset: 0.538 ms

Below is generated by plot.py at 2019-05-29 21:36:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 4.191 ms

Loss rate: 0.00%

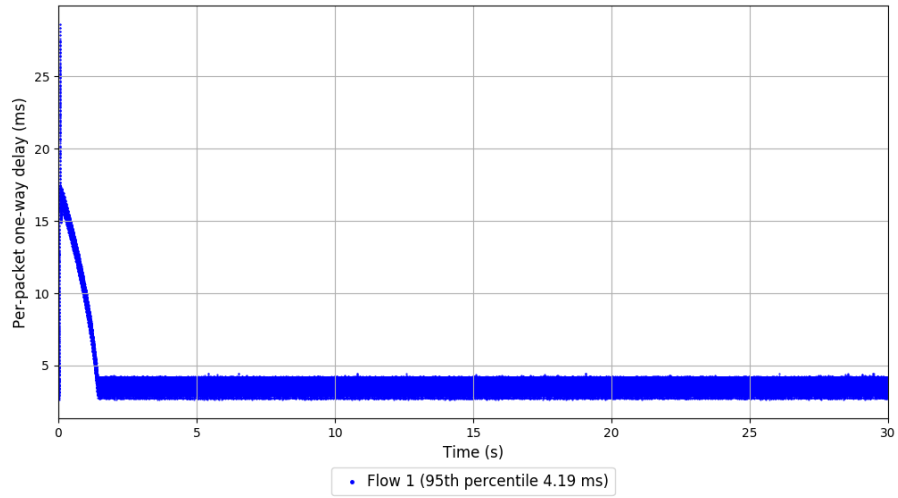
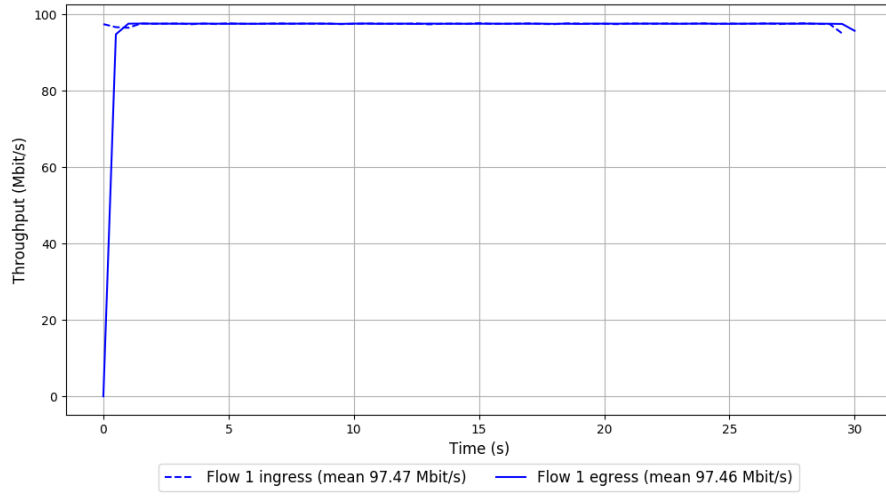
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 4.191 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-05-29 20:46:02

End at: 2019-05-29 20:46:32

Local clock offset: -5.249 ms

Remote clock offset: 0.618 ms

Below is generated by plot.py at 2019-05-29 21:36:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 4.737 ms

Loss rate: 0.00%

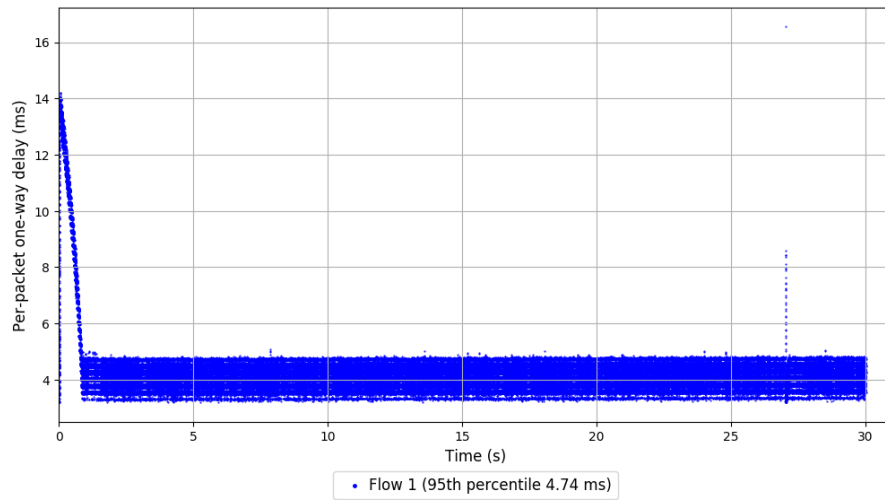
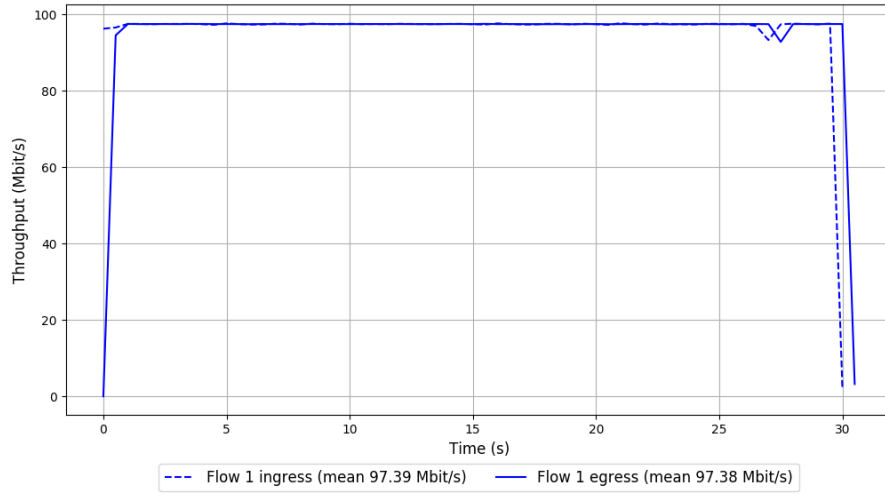
-- Flow 1:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 4.737 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-05-29 21:09:31

End at: 2019-05-29 21:10:01

Local clock offset: -4.857 ms

Remote clock offset: 0.474 ms

Below is generated by plot.py at 2019-05-29 21:36:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 4.891 ms

Loss rate: 0.00%

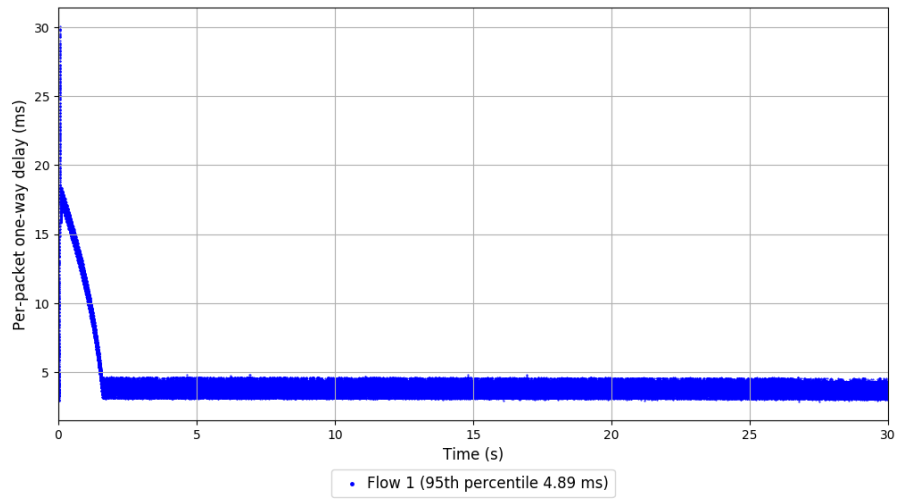
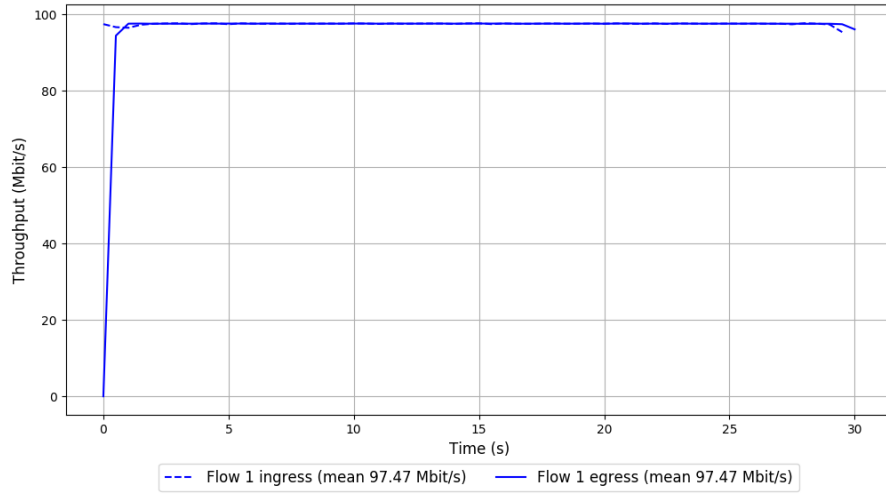
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 4.891 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-05-29 19:46:48

End at: 2019-05-29 19:47:18

Local clock offset: -9.04 ms

Remote clock offset: 0.289 ms

Below is generated by plot.py at 2019-05-29 21:36:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.91 Mbit/s

95th percentile per-packet one-way delay: 5.754 ms

Loss rate: 1.45%

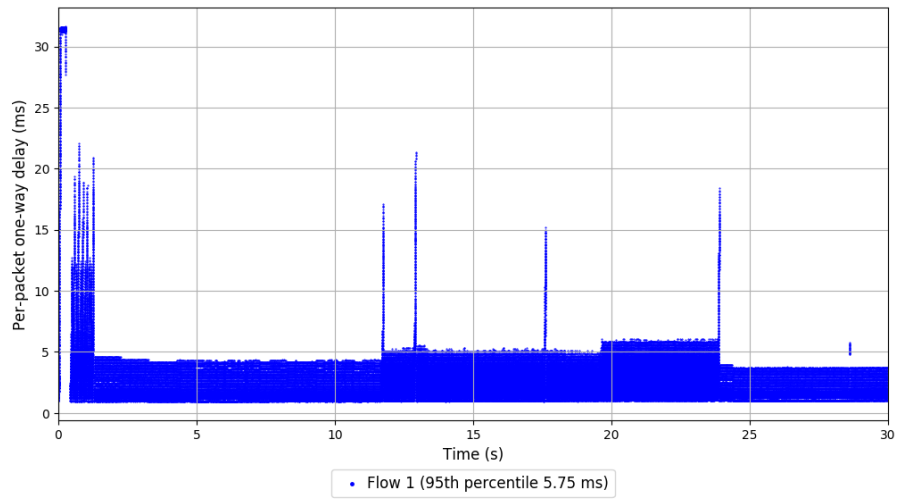
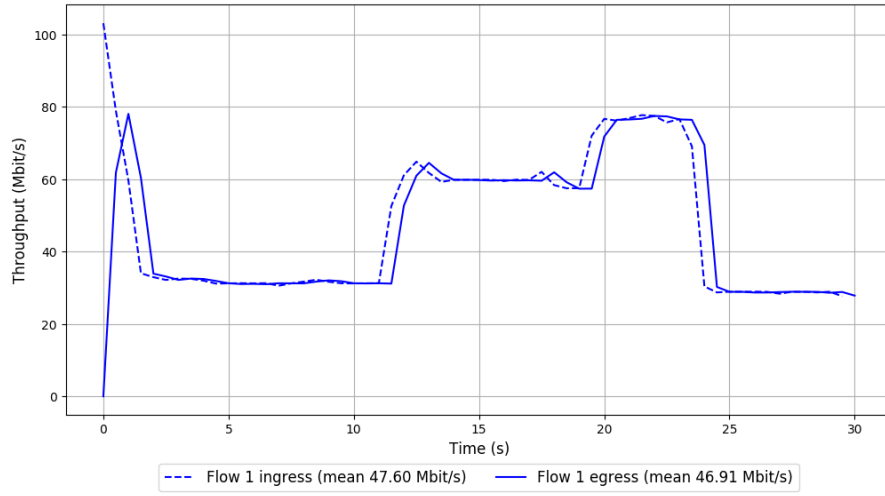
-- Flow 1:

Average throughput: 46.91 Mbit/s

95th percentile per-packet one-way delay: 5.754 ms

Loss rate: 1.45%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-05-29 20:10:15

End at: 2019-05-29 20:10:45

Local clock offset: -8.899 ms

Remote clock offset: 0.464 ms

Below is generated by plot.py at 2019-05-29 21:36:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.73 Mbit/s

95th percentile per-packet one-way delay: 12.028 ms

Loss rate: 2.22%

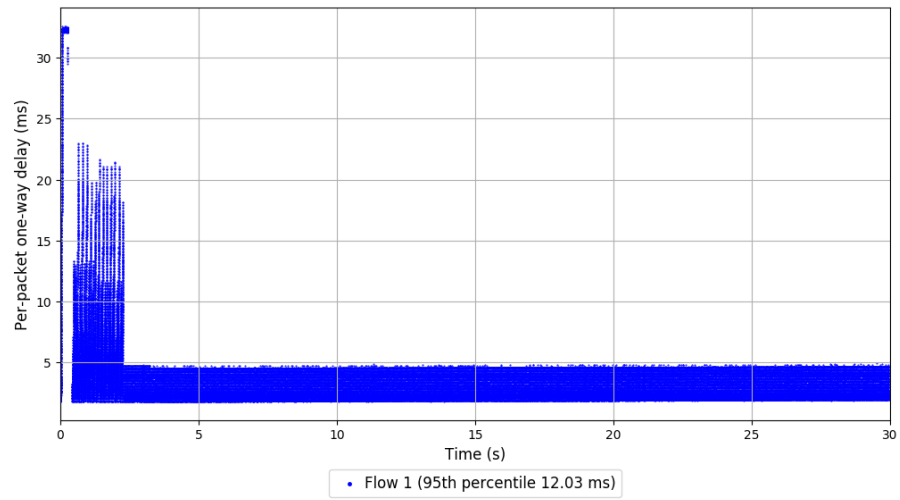
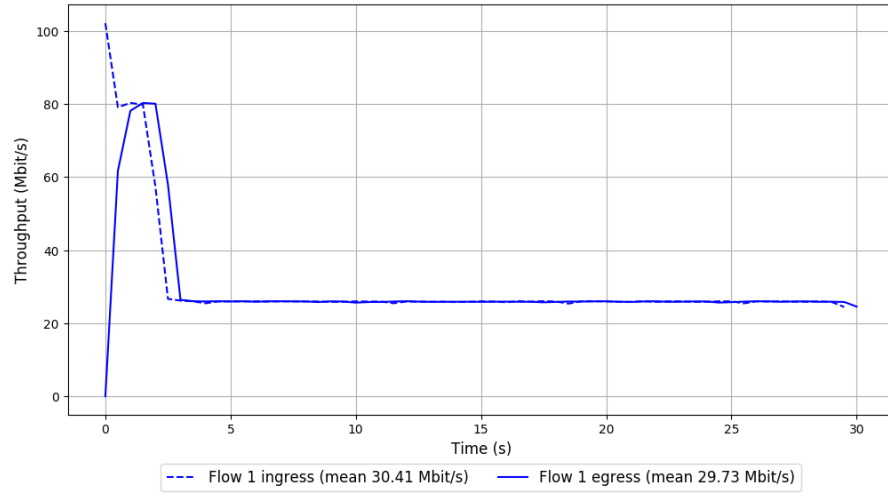
-- Flow 1:

Average throughput: 29.73 Mbit/s

95th percentile per-packet one-way delay: 12.028 ms

Loss rate: 2.22%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-05-29 20:33:38

End at: 2019-05-29 20:34:08

Local clock offset: -6.118 ms

Remote clock offset: 0.566 ms

Below is generated by plot.py at 2019-05-29 21:36:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.86 Mbit/s

95th percentile per-packet one-way delay: 8.910 ms

Loss rate: 0.92%

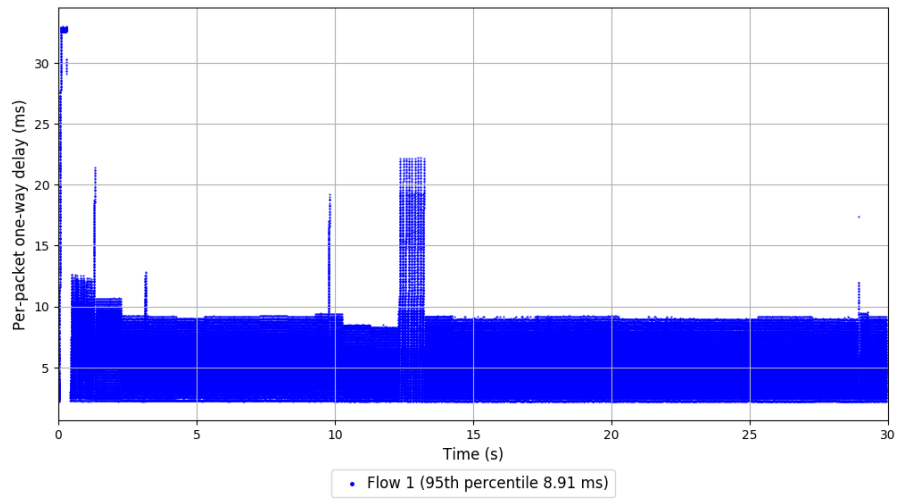
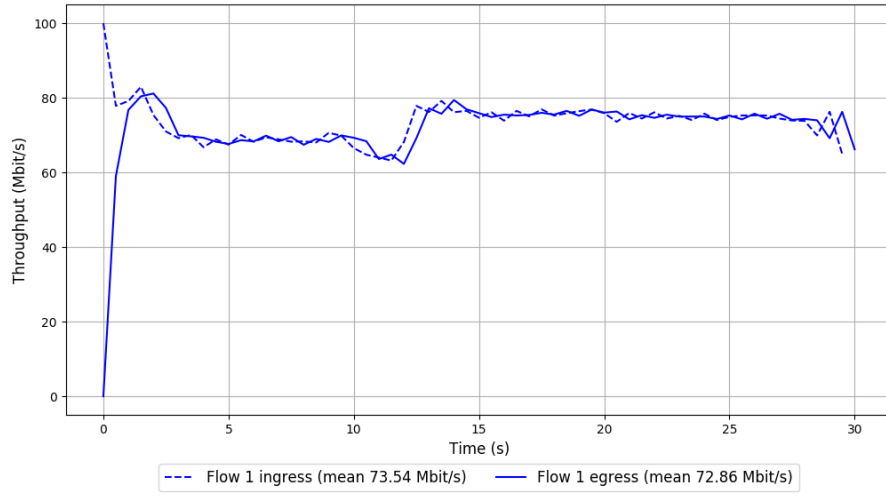
-- Flow 1:

Average throughput: 72.86 Mbit/s

95th percentile per-packet one-way delay: 8.910 ms

Loss rate: 0.92%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-05-29 20:57:06

End at: 2019-05-29 20:57:36

Local clock offset: -3.818 ms

Remote clock offset: 0.605 ms

Below is generated by plot.py at 2019-05-29 21:37:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.97 Mbit/s

95th percentile per-packet one-way delay: 9.039 ms

Loss rate: 0.84%

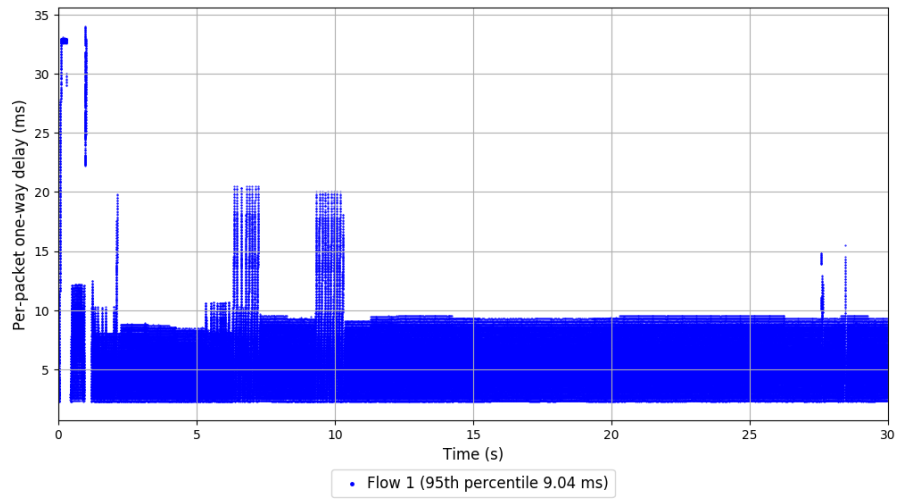
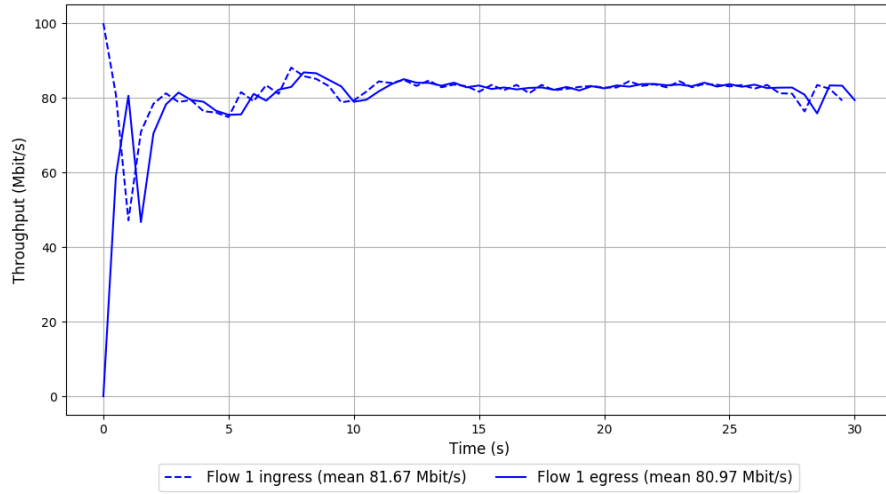
-- Flow 1:

Average throughput: 80.97 Mbit/s

95th percentile per-packet one-way delay: 9.039 ms

Loss rate: 0.84%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-05-29 21:20:34

End at: 2019-05-29 21:21:04

Local clock offset: -5.927 ms

Remote clock offset: 0.477 ms

Below is generated by plot.py at 2019-05-29 21:37:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.31 Mbit/s

95th percentile per-packet one-way delay: 6.256 ms

Loss rate: 1.51%

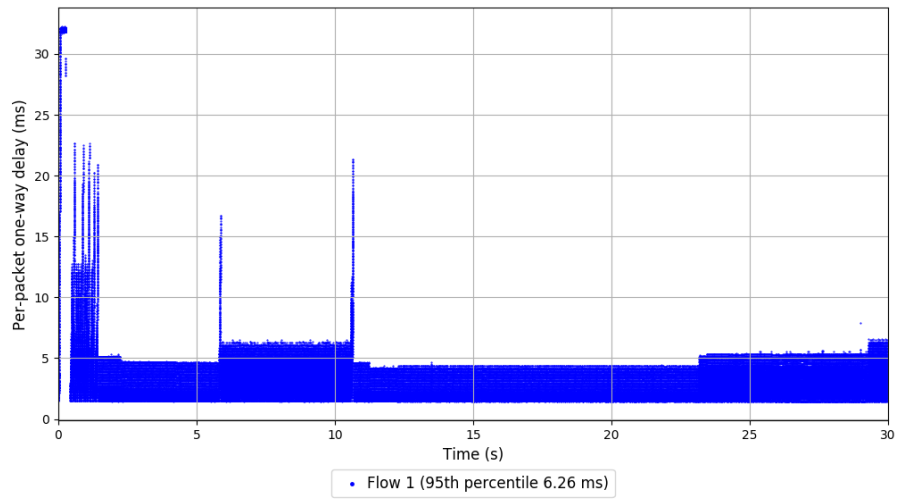
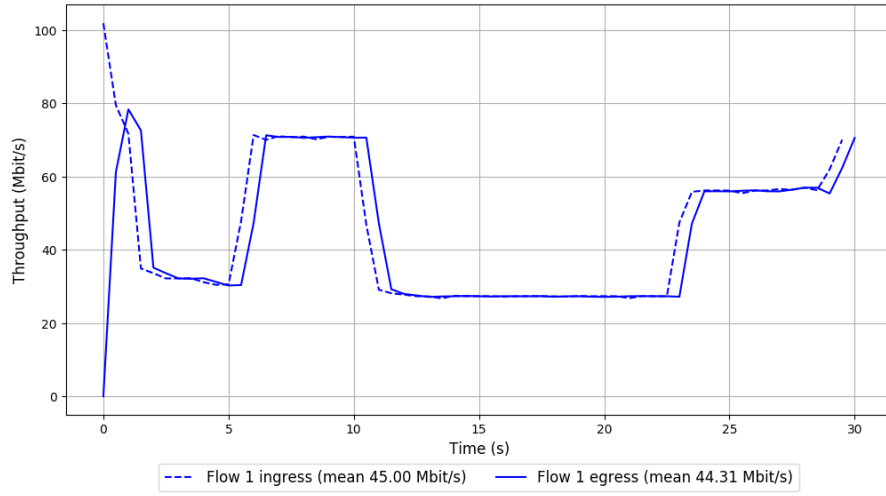
-- Flow 1:

Average throughput: 44.31 Mbit/s

95th percentile per-packet one-way delay: 6.256 ms

Loss rate: 1.51%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-05-29 19:49:01

End at: 2019-05-29 19:49:31

Local clock offset: -9.38 ms

Remote clock offset: 0.27 ms

Below is generated by plot.py at 2019-05-29 21:37:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.40 Mbit/s

95th percentile per-packet one-way delay: 3.337 ms

Loss rate: 0.00%

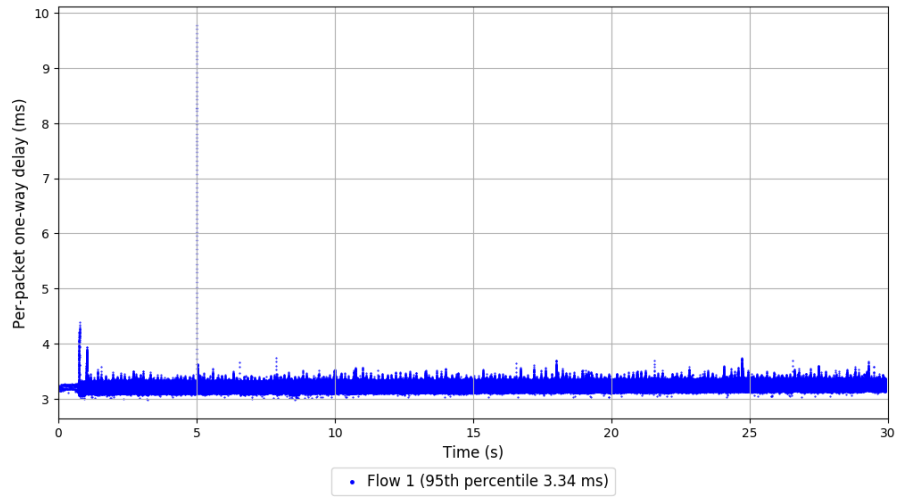
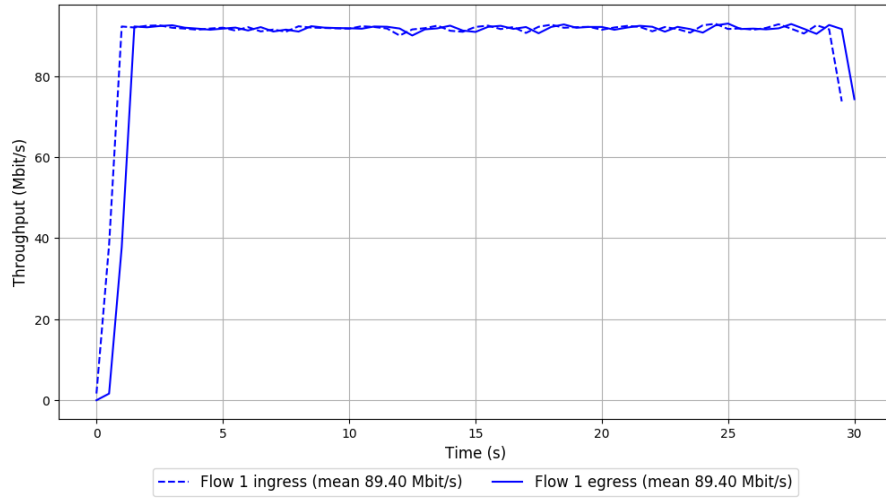
-- Flow 1:

Average throughput: 89.40 Mbit/s

95th percentile per-packet one-way delay: 3.337 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-05-29 20:12:26

End at: 2019-05-29 20:12:56

Local clock offset: -7.512 ms

Remote clock offset: 0.462 ms

Below is generated by plot.py at 2019-05-29 21:37:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.46 Mbit/s

95th percentile per-packet one-way delay: 1.372 ms

Loss rate: 0.00%

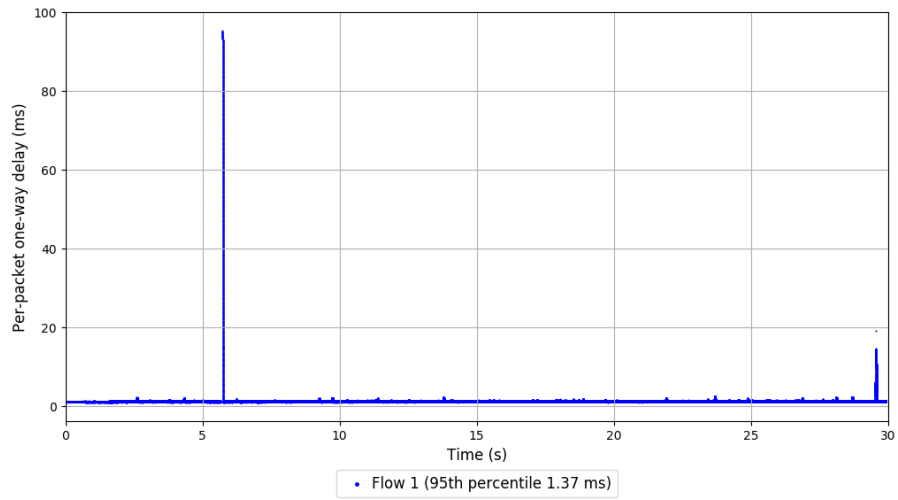
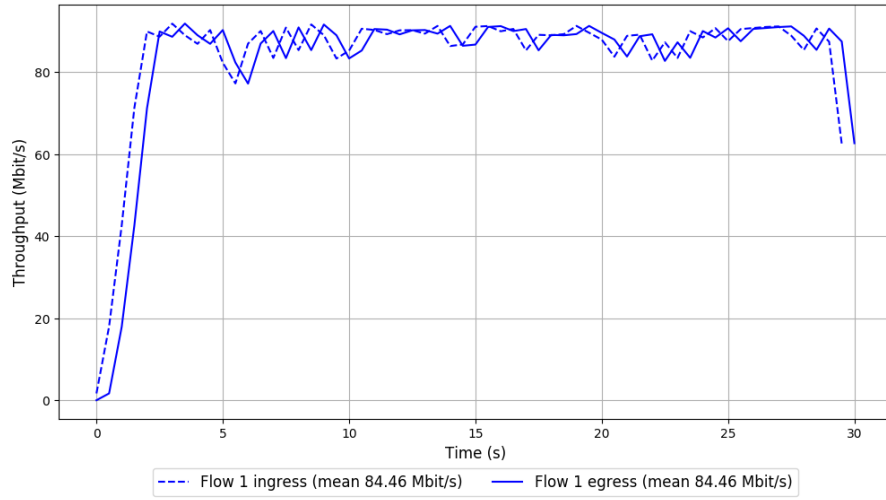
-- Flow 1:

Average throughput: 84.46 Mbit/s

95th percentile per-packet one-way delay: 1.372 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-05-29 20:35:52

End at: 2019-05-29 20:36:22

Local clock offset: -7.293 ms

Remote clock offset: 0.478 ms

Below is generated by plot.py at 2019-05-29 21:37:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.14 Mbit/s

95th percentile per-packet one-way delay: 1.962 ms

Loss rate: 0.00%

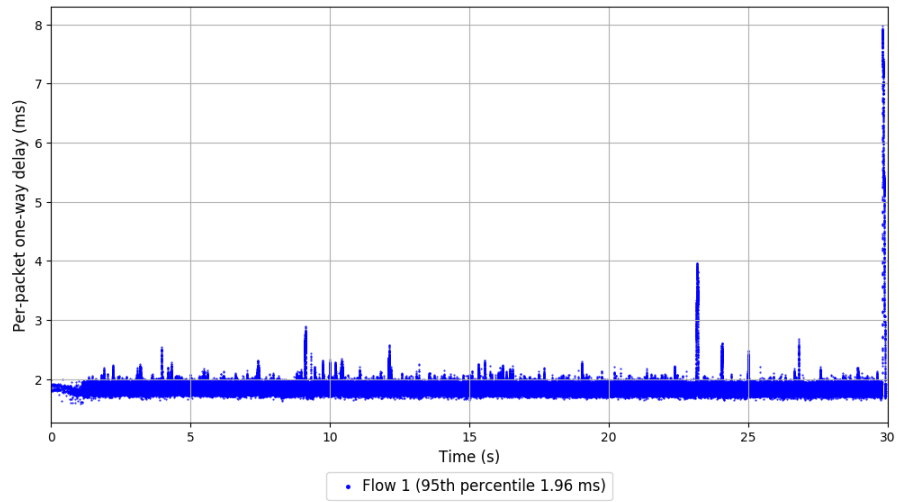
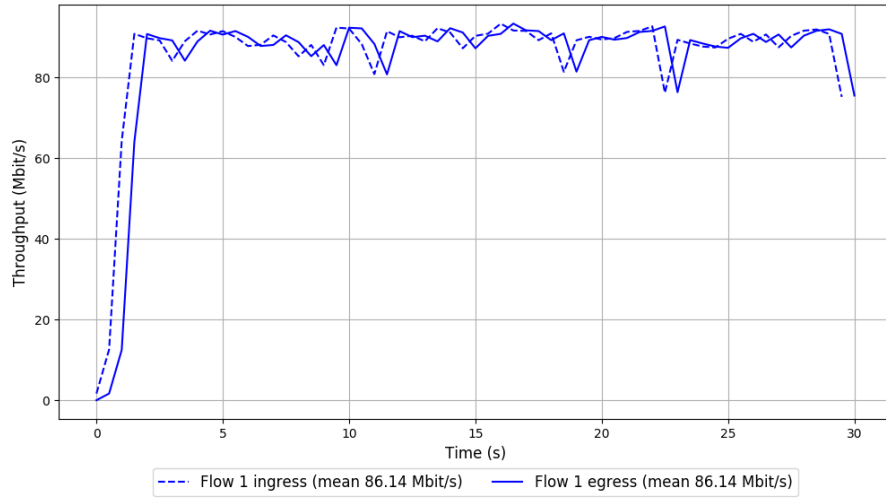
-- Flow 1:

Average throughput: 86.14 Mbit/s

95th percentile per-packet one-way delay: 1.962 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-05-29 20:59:20

End at: 2019-05-29 20:59:50

Local clock offset: -4.551 ms

Remote clock offset: 0.582 ms

Below is generated by plot.py at 2019-05-29 21:37:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.01 Mbit/s

95th percentile per-packet one-way delay: 1.828 ms

Loss rate: 0.00%

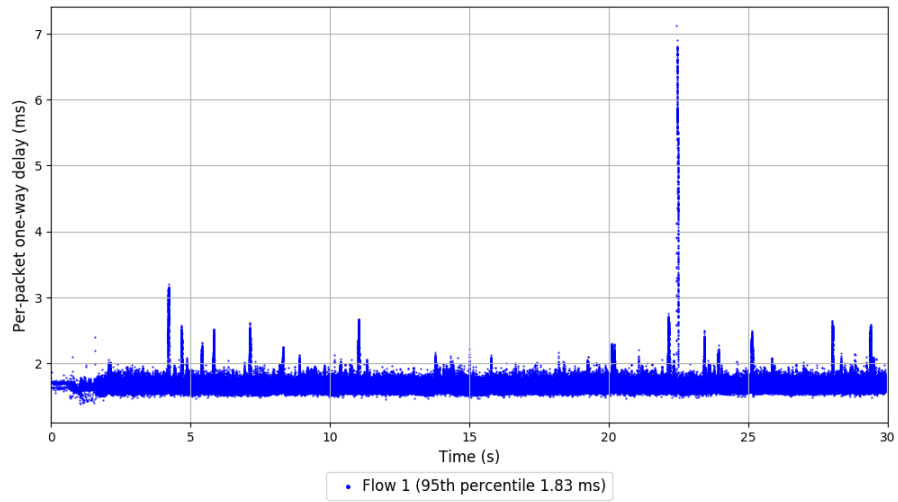
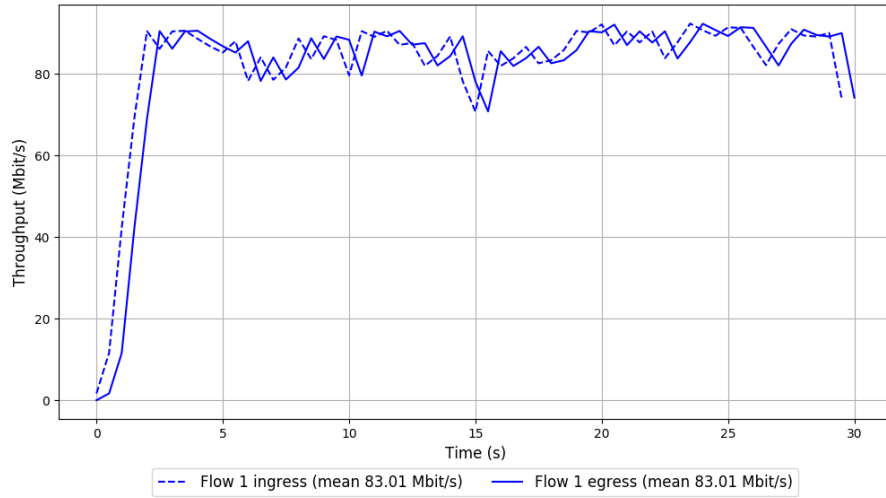
-- Flow 1:

Average throughput: 83.01 Mbit/s

95th percentile per-packet one-way delay: 1.828 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-05-29 21:22:46

End at: 2019-05-29 21:23:16

Local clock offset: -6.074 ms

Remote clock offset: 0.55 ms

Below is generated by plot.py at 2019-05-29 21:37:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.73 Mbit/s

95th percentile per-packet one-way delay: 3.329 ms

Loss rate: 0.00%

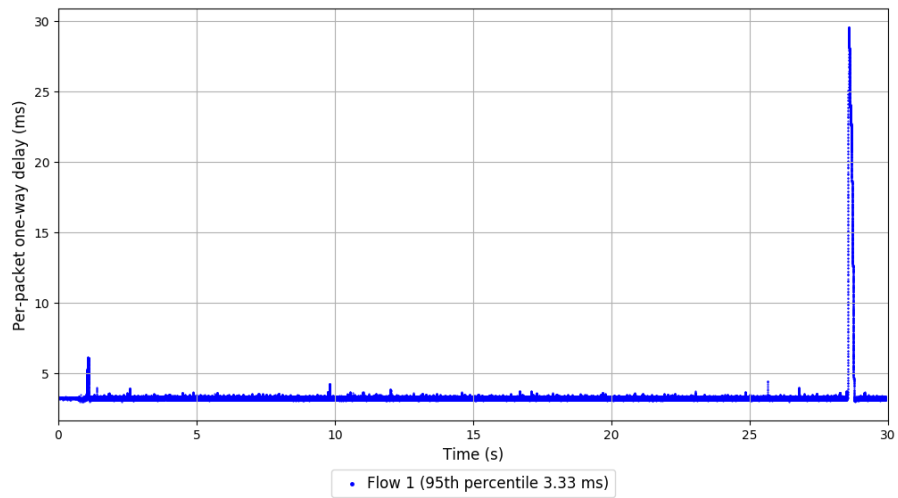
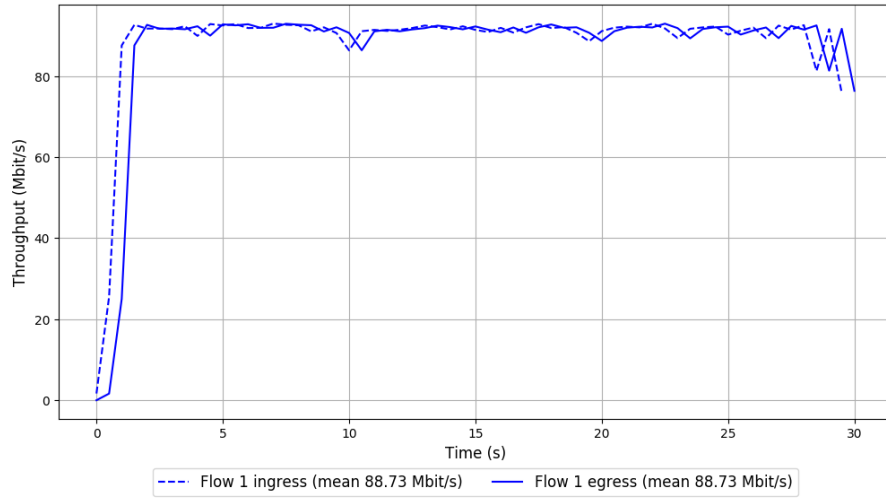
-- Flow 1:

Average throughput: 88.73 Mbit/s

95th percentile per-packet one-way delay: 3.329 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

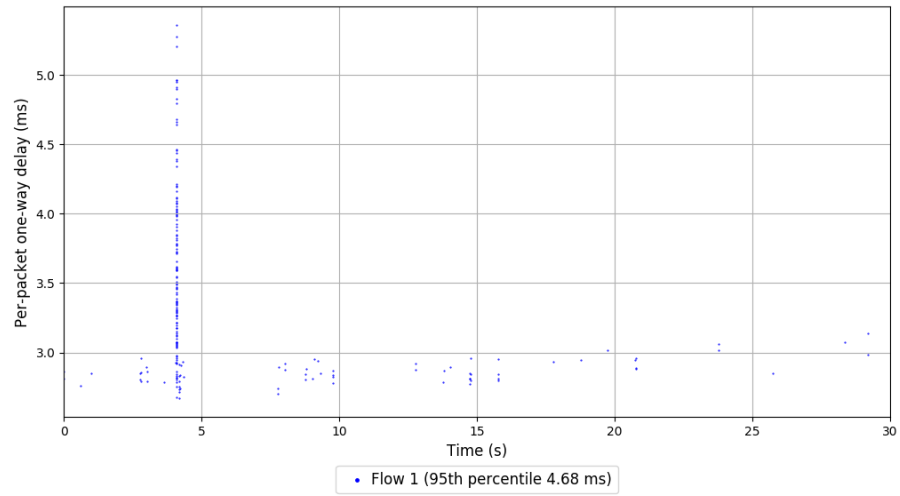
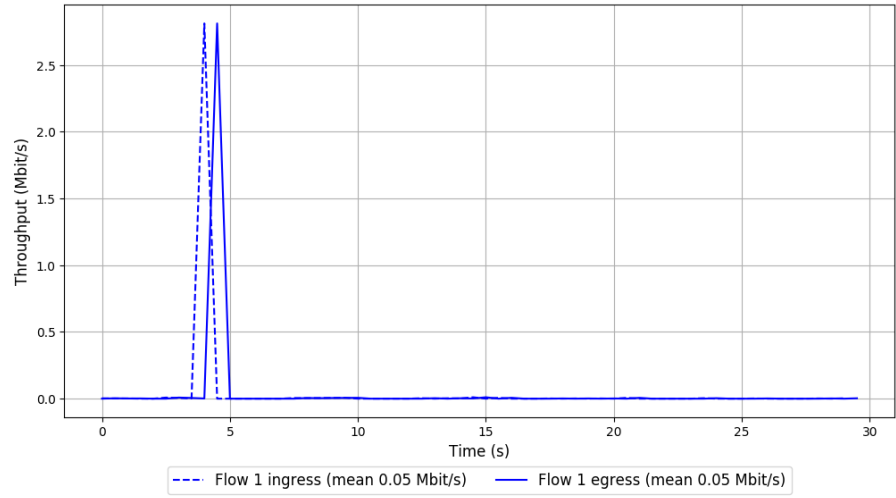


Run 1: Statistics of WebRTC media

Start at: 2019-05-29 19:39:05
End at: 2019-05-29 19:39:35
Local clock offset: -12.331 ms
Remote clock offset: 0.26 ms

Below is generated by plot.py at 2019-05-29 21:37:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.679 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.679 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-05-29 20:02:31

End at: 2019-05-29 20:03:01

Local clock offset: -9.441 ms

Remote clock offset: 0.501 ms

Below is generated by plot.py at 2019-05-29 21:37:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.884 ms

Loss rate: 0.00%

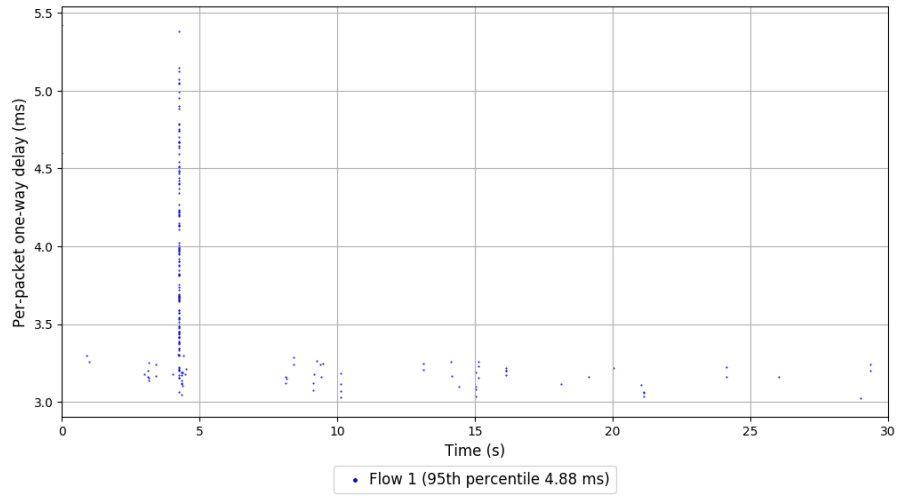
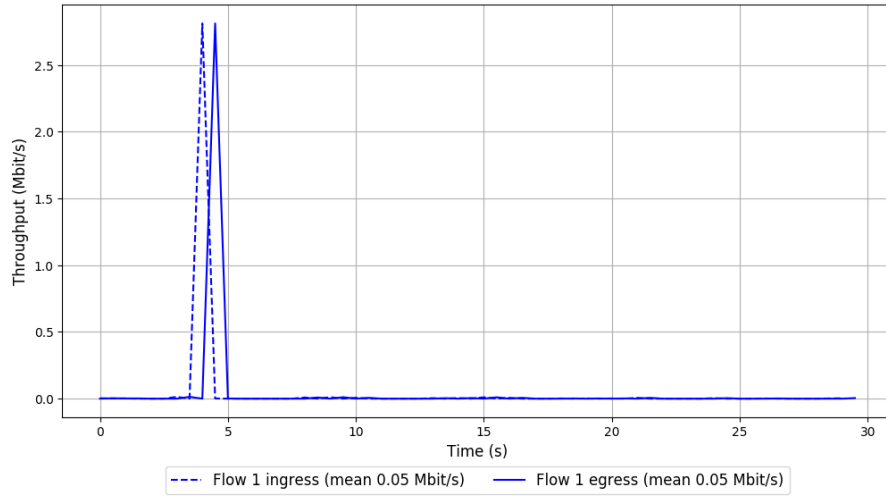
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.884 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-05-29 20:25:56

End at: 2019-05-29 20:26:26

Local clock offset: -6.186 ms

Remote clock offset: 0.6 ms

Below is generated by plot.py at 2019-05-29 21:37:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.142 ms

Loss rate: 0.00%

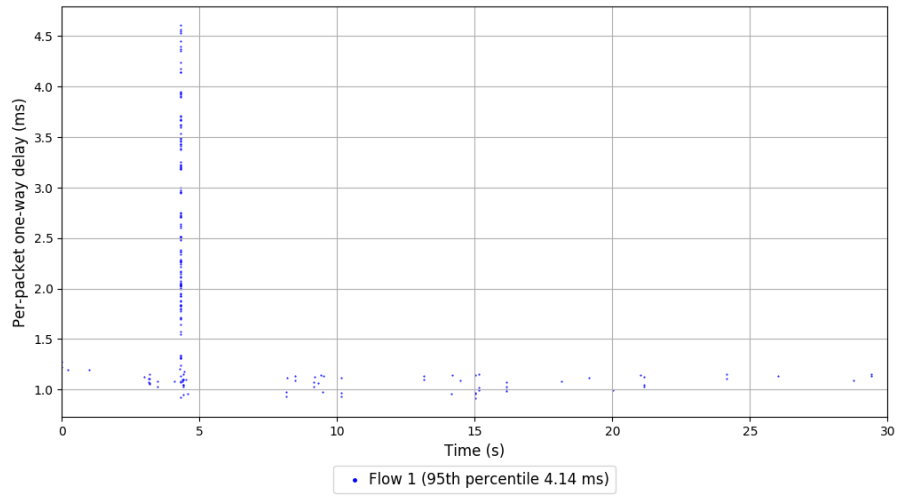
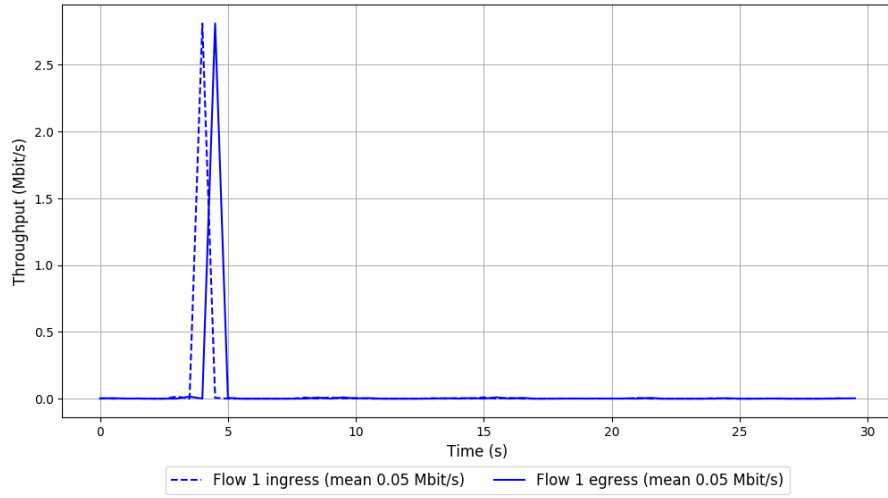
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.142 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-05-29 20:49:22

End at: 2019-05-29 20:49:52

Local clock offset: -4.202 ms

Remote clock offset: 0.624 ms

Below is generated by plot.py at 2019-05-29 21:37:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.506 ms

Loss rate: 0.00%

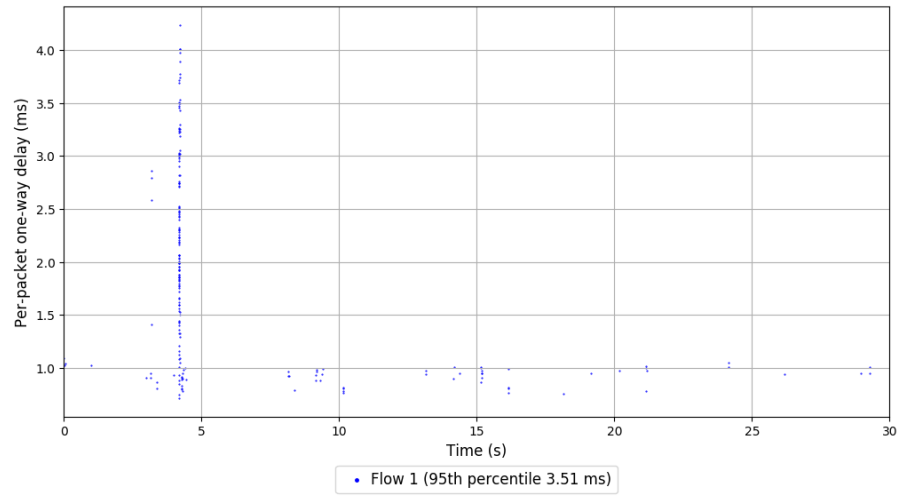
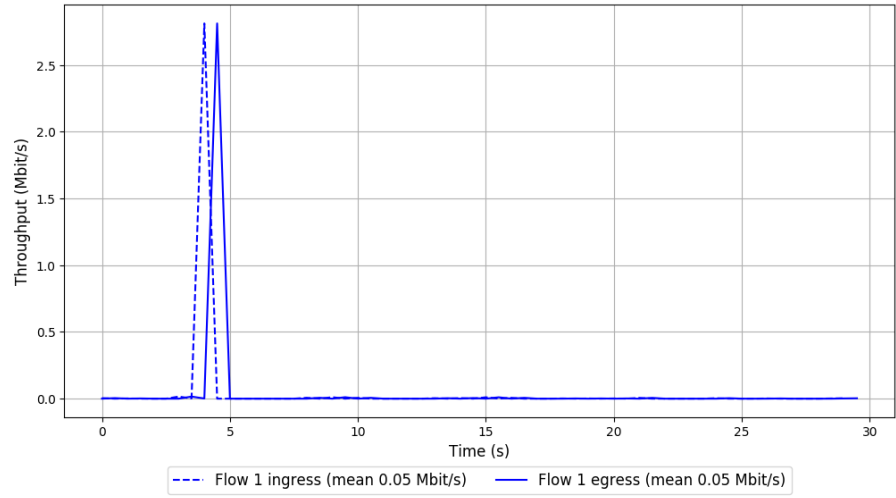
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.506 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-05-29 21:12:51

End at: 2019-05-29 21:13:21

Local clock offset: -4.762 ms

Remote clock offset: 0.561 ms

Below is generated by plot.py at 2019-05-29 21:37:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.731 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.731 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

