

Pantheon Report

Generated at 2019-01-21 07:01:16 (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:

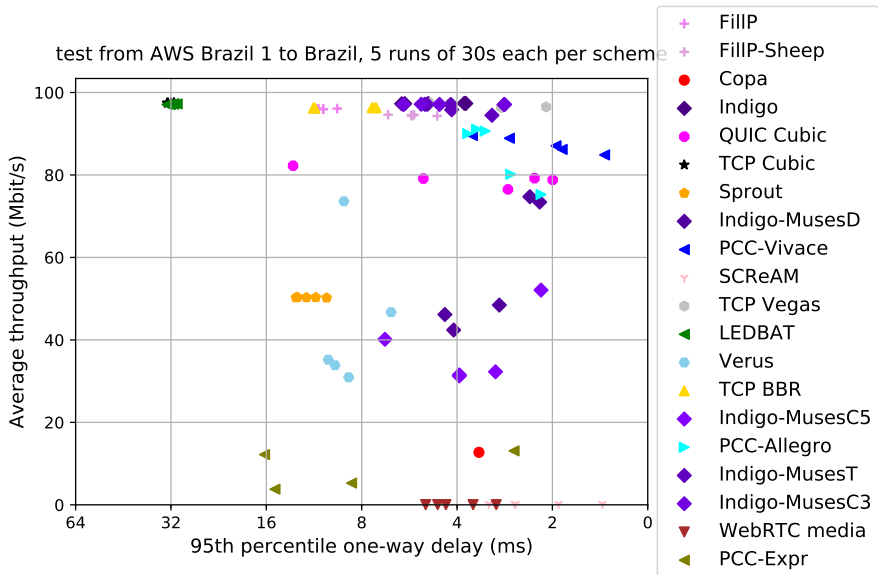
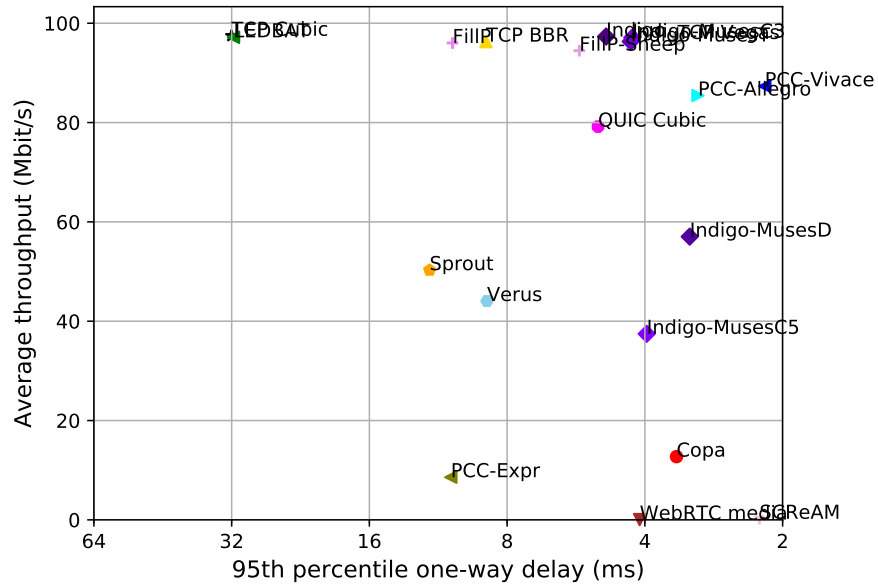
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 89d24e57783e7fbfec537a619071de937b639e38
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 1ddcff131048c6962f123bcd22b4d166a422adde
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) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	96.29	8.90	0.00
Copa	1	12.73	3.41	65.42
TCP Cubic	5	97.47	32.03	0.01
FillP	5	96.02	10.53	0.27
FillP-Sheep	5	94.47	5.56	0.07
Indigo	5	97.32	4.86	0.00
Indigo-MusesC3	5	97.10	4.26	0.00
Indigo-MusesC5	5	37.46	3.96	0.00
Indigo-MusesD	5	57.03	3.19	0.01
Indigo-MusesT	5	96.32	4.30	0.00
LEDBAT	5	97.16	31.70	0.01
PCC-Allegro	5	85.44	3.06	0.00
PCC-Expr	4	8.59	10.62	26.91
QUIC Cubic	5	79.18	5.06	0.29
SCReAM	5	0.22	2.25	0.00
Sprout	5	50.28	11.82	0.00
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	96.83	3.39	0.00
Verus	5	44.06	8.85	1.67
PCC-Vivace	5	87.32	2.19	0.00
WebRTC media	5	0.05	4.11	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-01-21 05:10:05

End at: 2019-01-21 05:10:35

Local clock offset: -5.952 ms

Remote clock offset: 0.722 ms

Below is generated by plot.py at 2019-01-21 06:52:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 7.201 ms

Loss rate: 0.00%

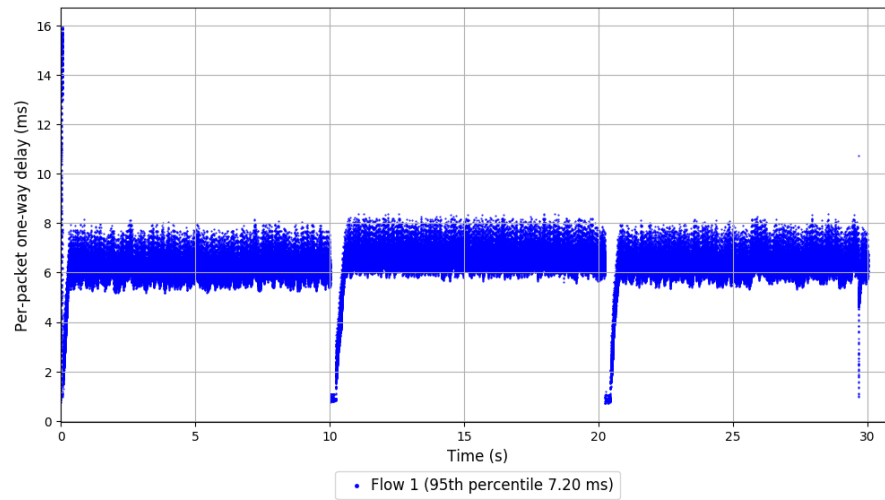
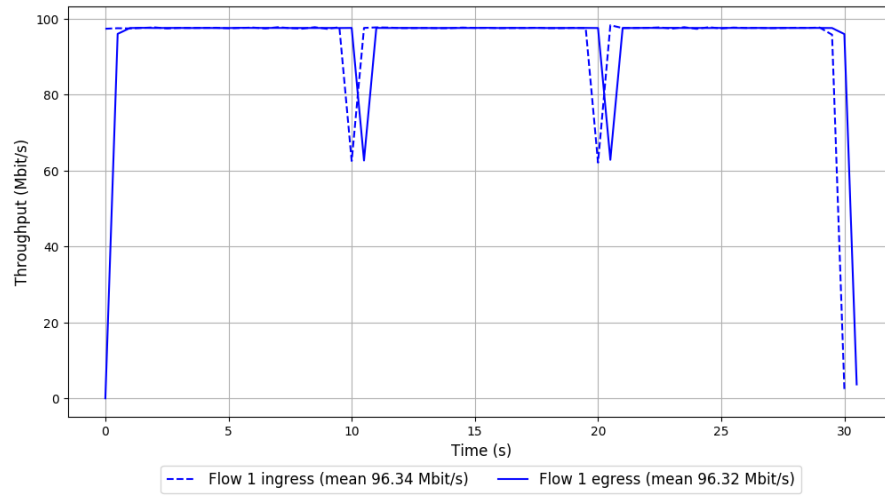
-- Flow 1:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 7.201 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-01-21 05:33:30

End at: 2019-01-21 05:34:00

Local clock offset: -2.833 ms

Remote clock offset: 0.803 ms

Below is generated by plot.py at 2019-01-21 06:52:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 7.256 ms

Loss rate: 0.00%

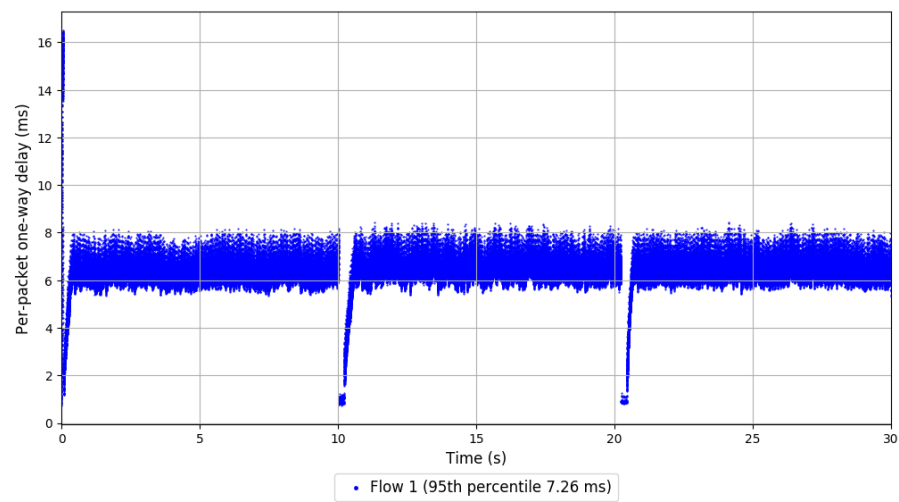
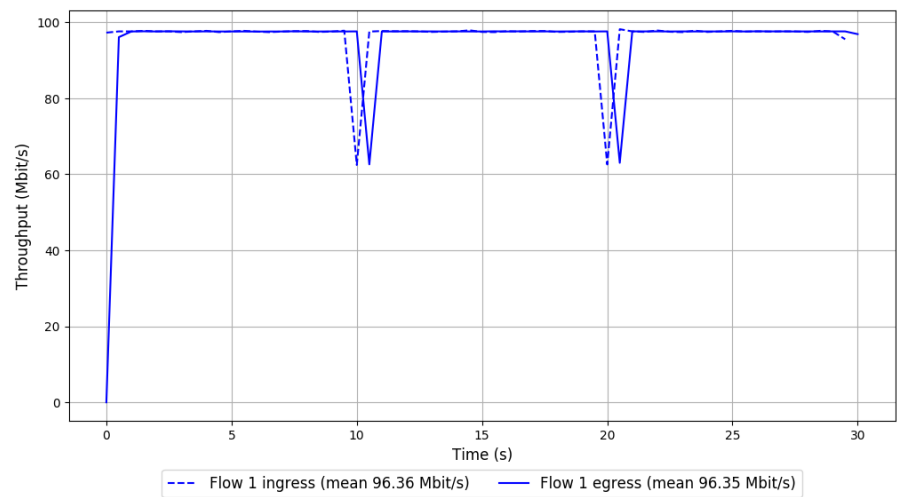
-- Flow 1:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 7.256 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-01-21 05:56:56

End at: 2019-01-21 05:57:26

Local clock offset: -3.259 ms

Remote clock offset: 1.008 ms

Below is generated by plot.py at 2019-01-21 06:52:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 11.363 ms

Loss rate: 0.00%

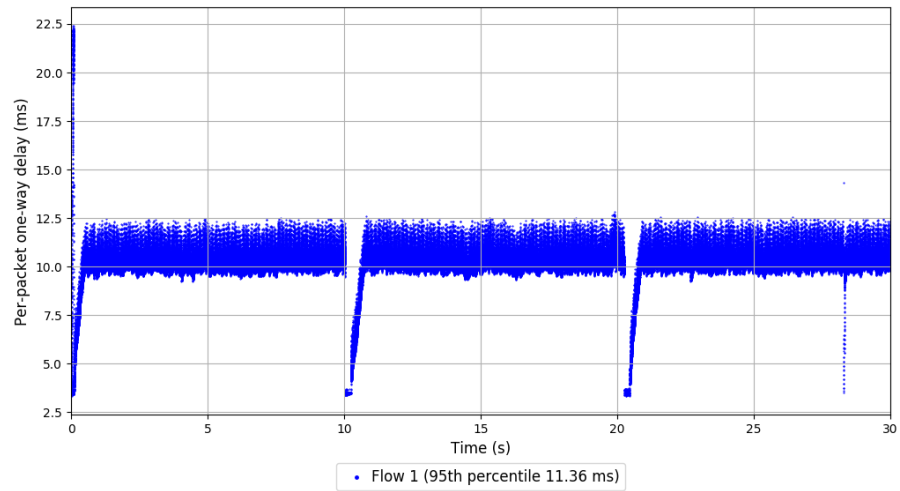
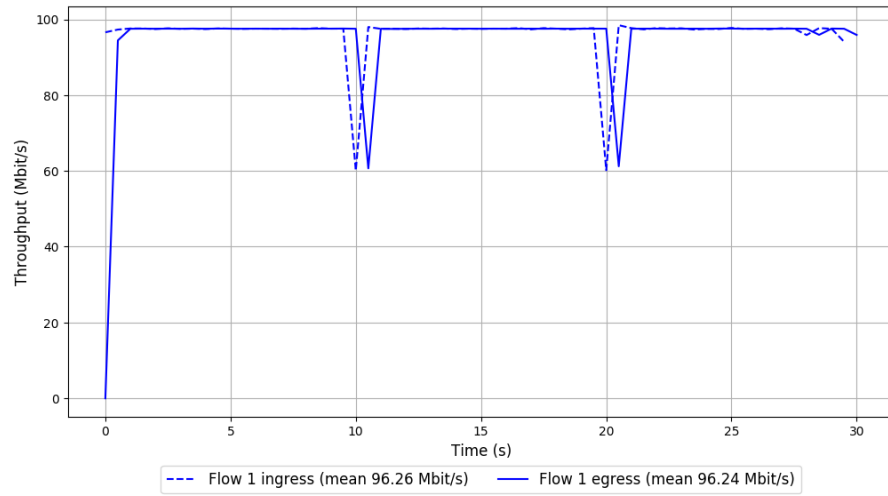
-- Flow 1:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 11.363 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-01-21 06:20:19

End at: 2019-01-21 06:20:49

Local clock offset: -3.19 ms

Remote clock offset: 1.339 ms

Below is generated by plot.py at 2019-01-21 06:52:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 11.242 ms

Loss rate: 0.00%

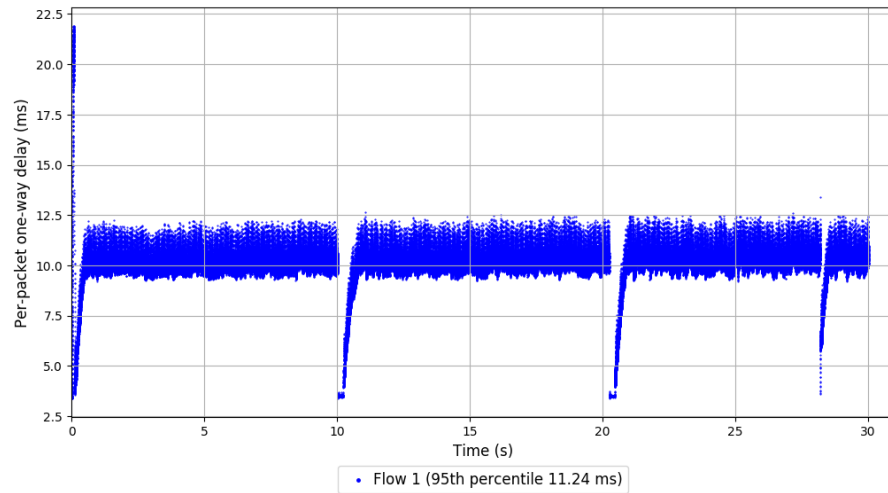
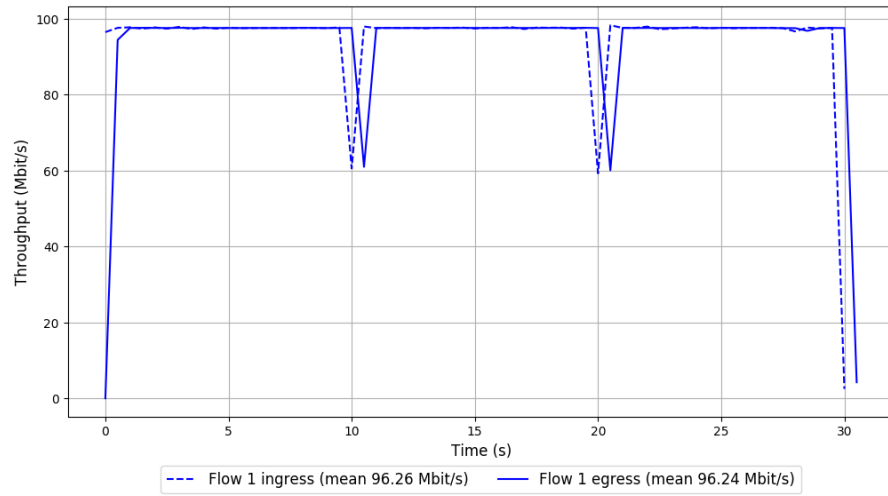
-- Flow 1:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 11.242 ms

Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-01-21 06:43:42

End at: 2019-01-21 06:44:12

Local clock offset: -2.291 ms

Remote clock offset: 1.252 ms

Below is generated by plot.py at 2019-01-21 06:52:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 7.419 ms

Loss rate: 0.00%

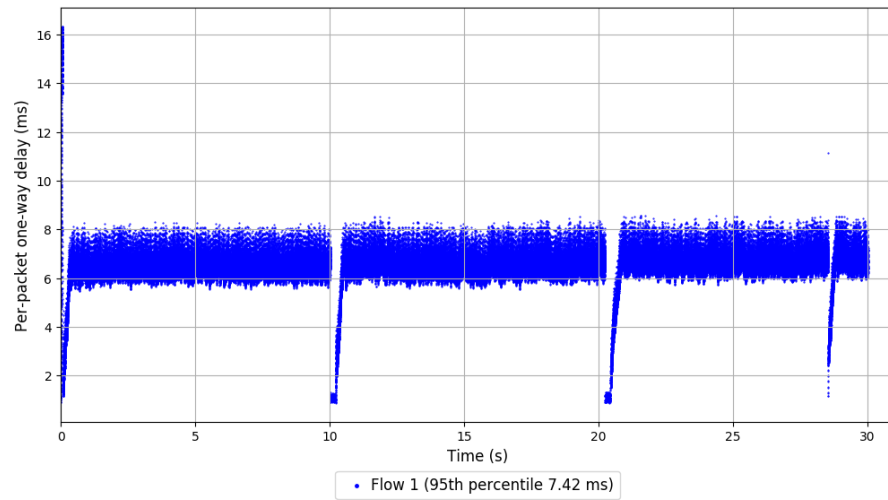
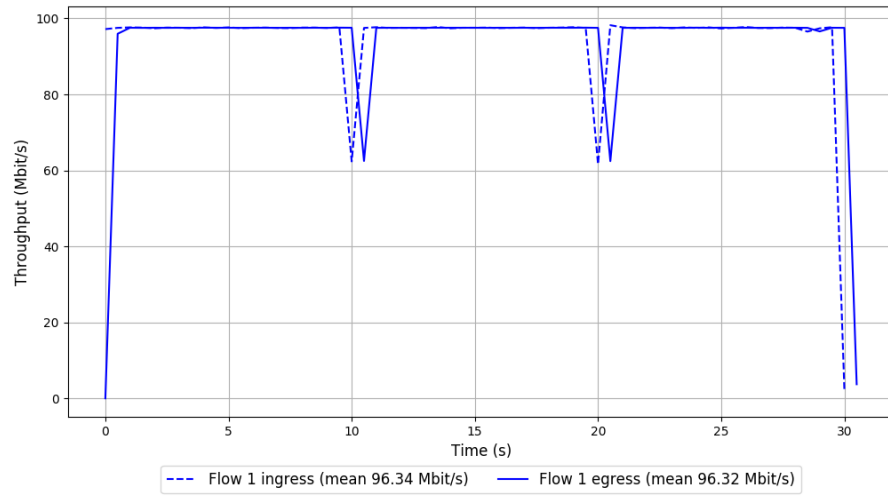
-- Flow 1:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 7.419 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2019-01-21 04:58:55

End at: 2019-01-21 04:59:25

Local clock offset: -5.611 ms

Remote clock offset: 0.674 ms

Below is generated by plot.py at 2019-01-21 06:52:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 3.411 ms

Loss rate: 65.42%

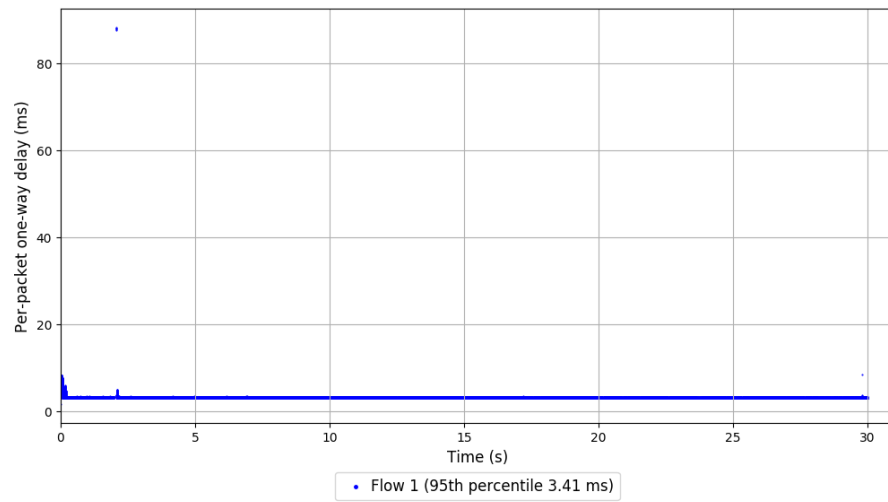
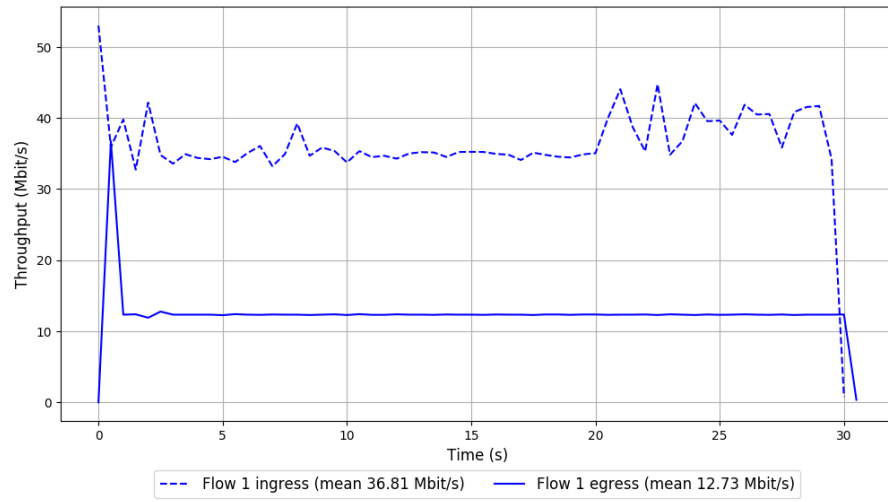
-- Flow 1:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 3.411 ms

Loss rate: 65.42%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

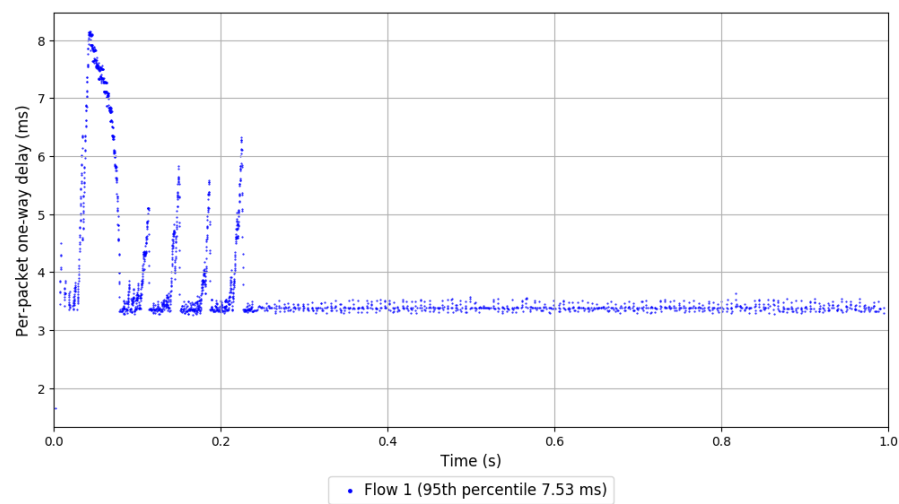
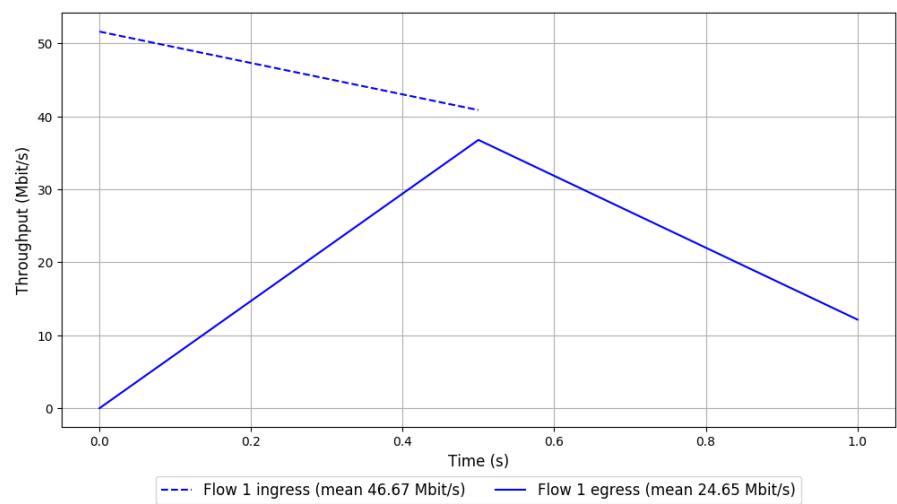
Start at: 2019-01-21 05:22:18

End at: 2019-01-21 05:22:48

Local clock offset: -5.183 ms

Remote clock offset: 0.793 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

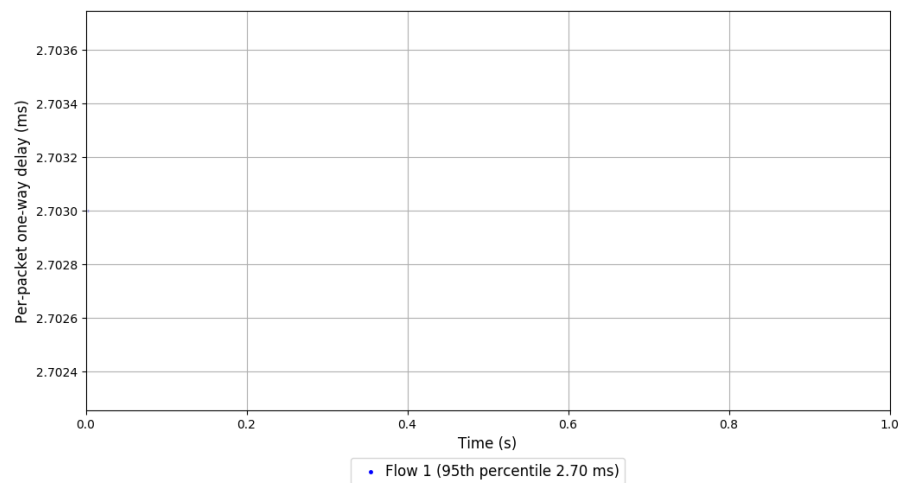
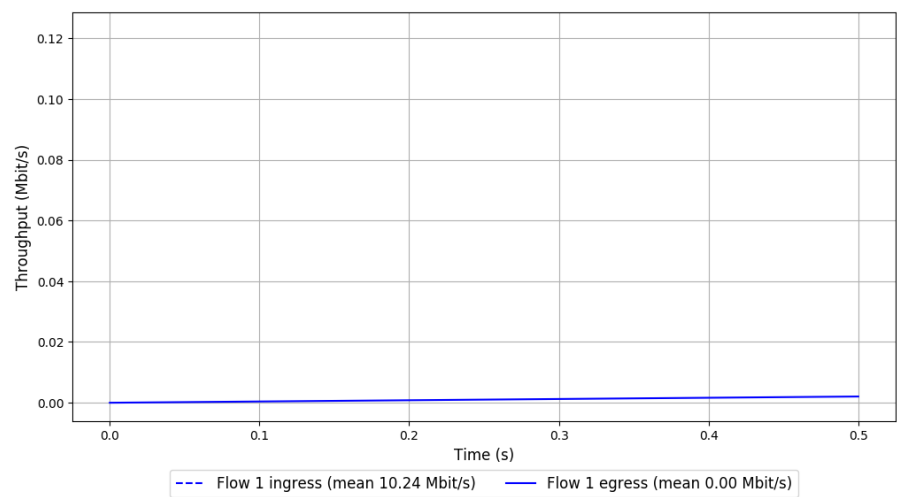
Start at: 2019-01-21 05:45:44

End at: 2019-01-21 05:46:14

Local clock offset: -2.26 ms

Remote clock offset: 1.008 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

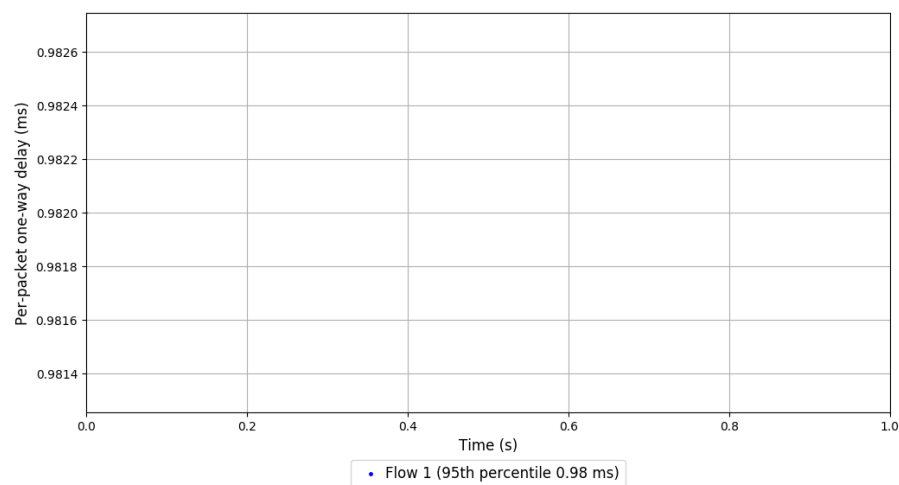
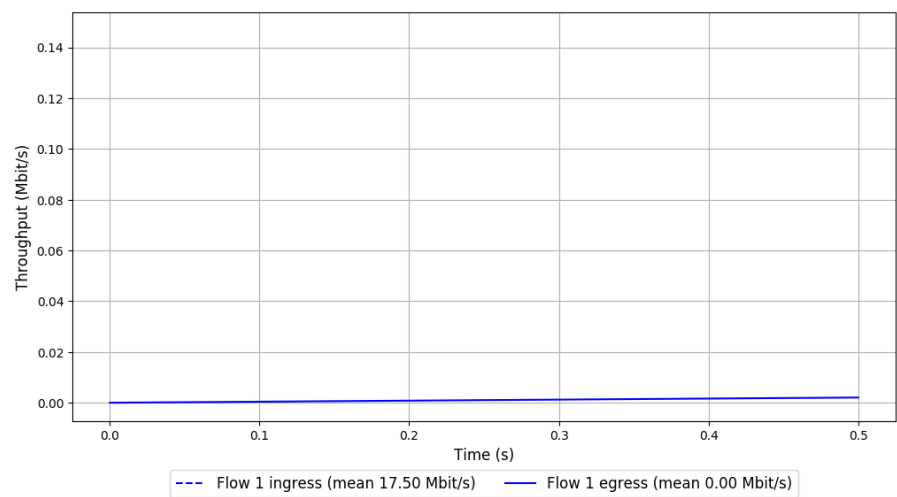
Start at: 2019-01-21 06:09:09

End at: 2019-01-21 06:09:39

Local clock offset: -2.239 ms

Remote clock offset: 1.104 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

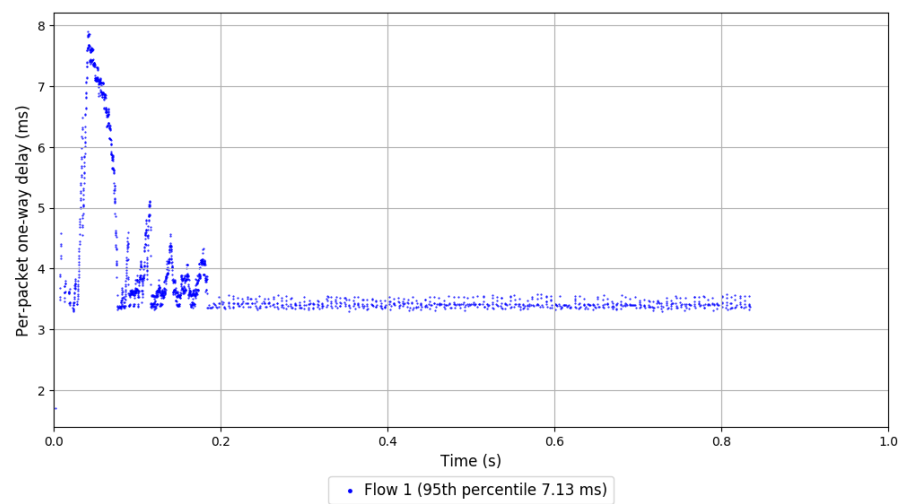
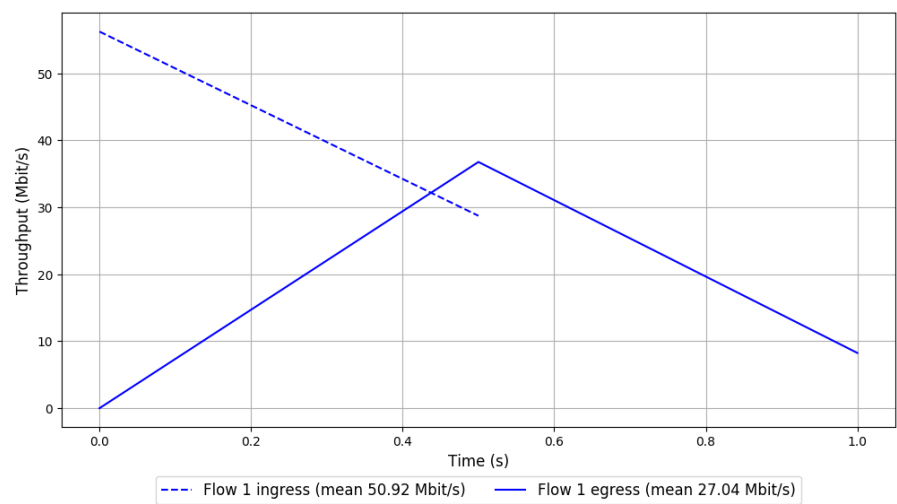
Start at: 2019-01-21 06:32:32

End at: 2019-01-21 06:33:02

Local clock offset: -3.17 ms

Remote clock offset: 1.418 ms

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-01-21 04:55:32

End at: 2019-01-21 04:56:02

Local clock offset: -4.127 ms

Remote clock offset: 0.656 ms

Below is generated by plot.py at 2019-01-21 06:52:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 32.685 ms

Loss rate: 0.01%

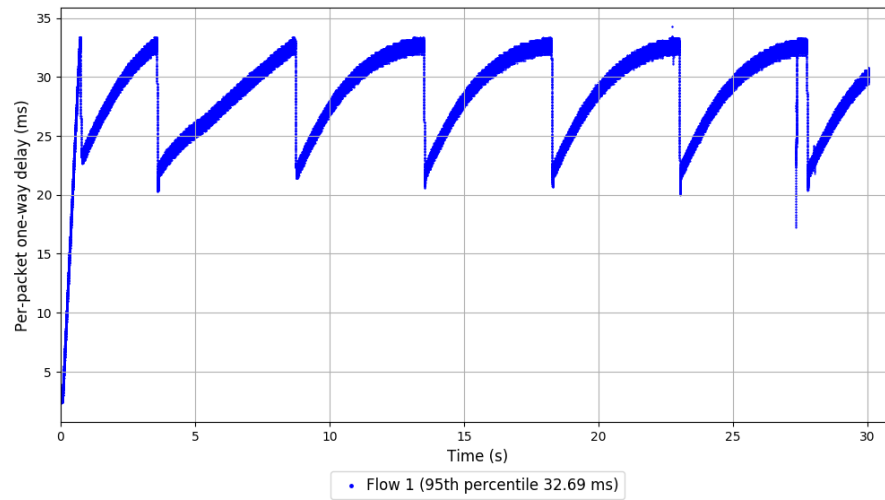
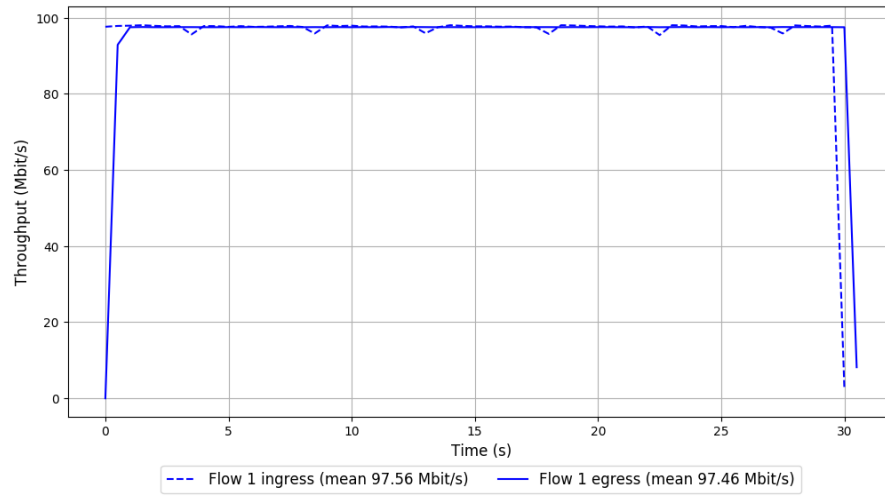
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 32.685 ms

Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-01-21 05:18:56

End at: 2019-01-21 05:19:26

Local clock offset: -5.369 ms

Remote clock offset: 0.838 ms

Below is generated by plot.py at 2019-01-21 06:52:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.50 Mbit/s

95th percentile per-packet one-way delay: 31.356 ms

Loss rate: 0.01%

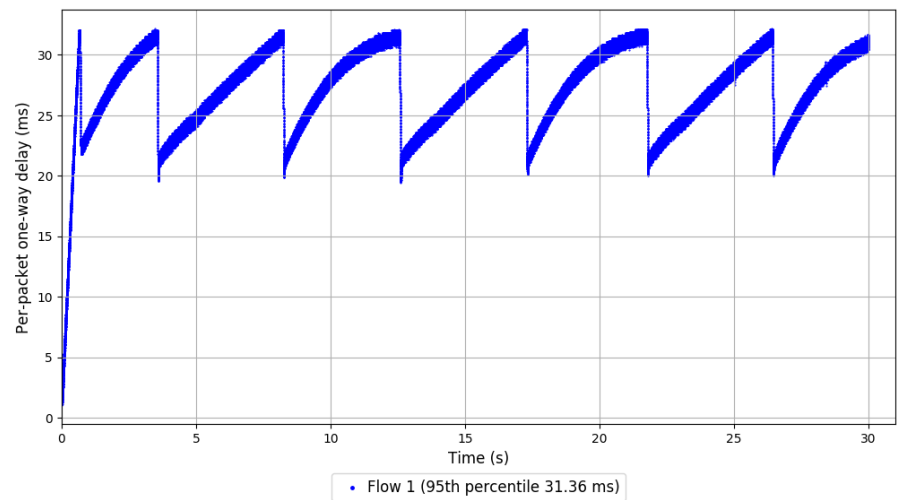
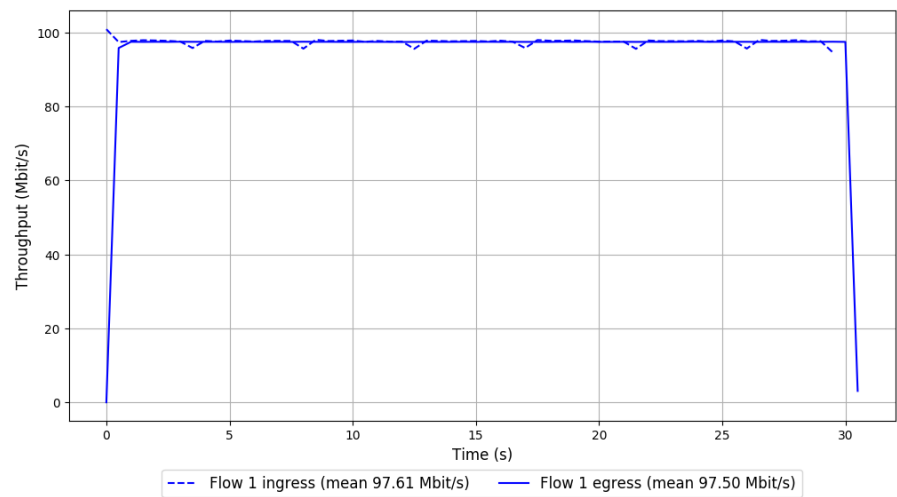
-- Flow 1:

Average throughput: 97.50 Mbit/s

95th percentile per-packet one-way delay: 31.356 ms

Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-01-21 05:42:20

End at: 2019-01-21 05:42:50

Local clock offset: -3.227 ms

Remote clock offset: 1.0 ms

Below is generated by plot.py at 2019-01-21 06:52:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.966 ms

Loss rate: 0.01%

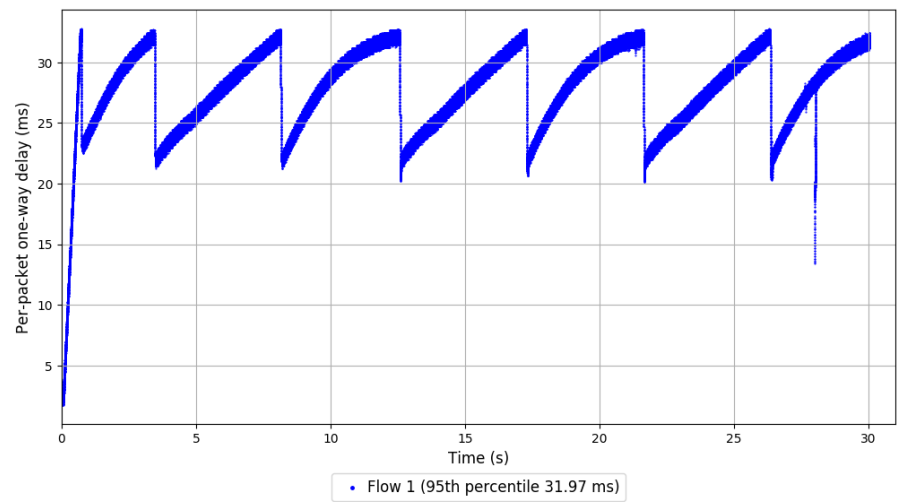
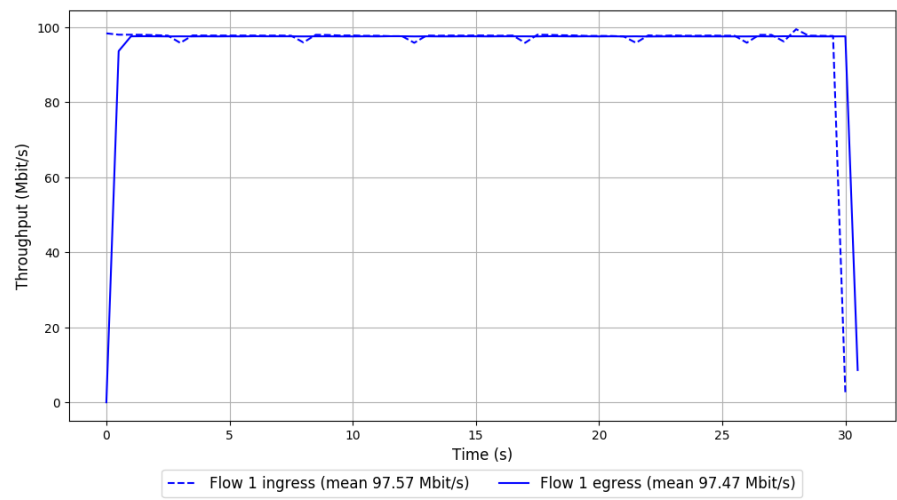
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.966 ms

Loss rate: 0.01%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-01-21 06:05:46

End at: 2019-01-21 06:06:16

Local clock offset: -2.353 ms

Remote clock offset: 1.13 ms

Below is generated by plot.py at 2019-01-21 06:53:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.901 ms

Loss rate: 0.02%

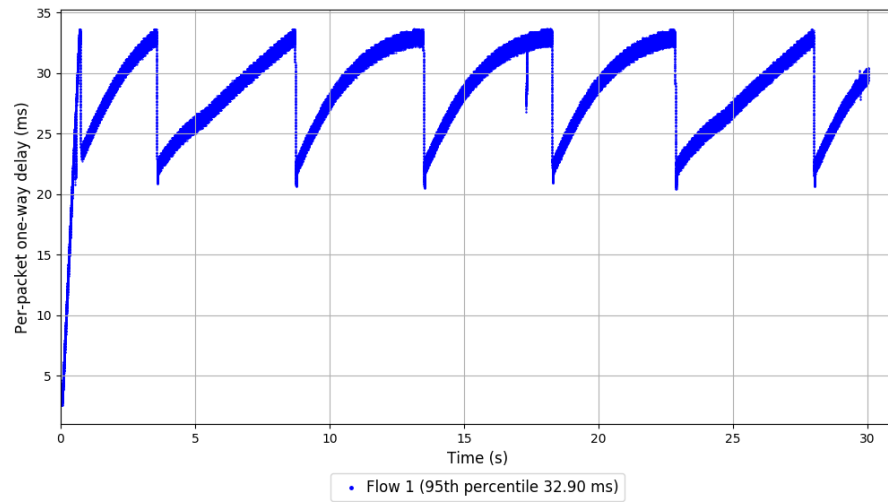
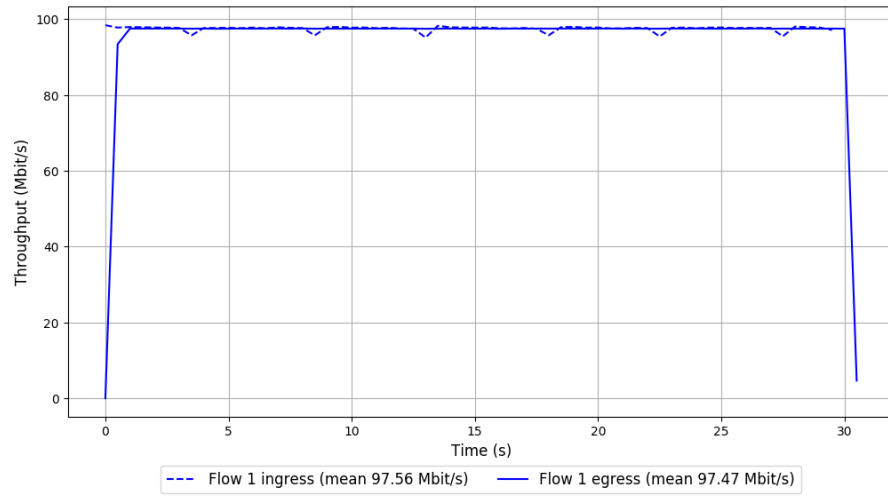
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.901 ms

Loss rate: 0.02%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-01-21 06:29:10

End at: 2019-01-21 06:29:40

Local clock offset: -2.345 ms

Remote clock offset: 1.385 ms

Below is generated by plot.py at 2019-01-21 06:53:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.247 ms

Loss rate: 0.01%

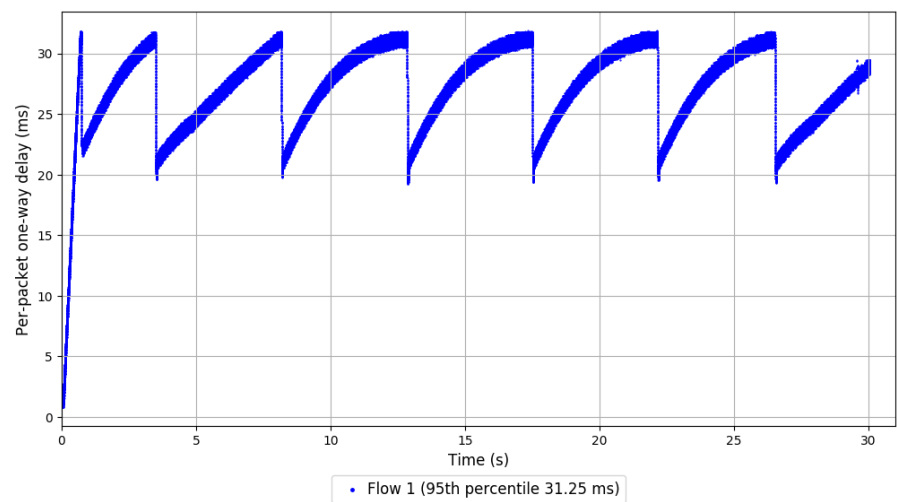
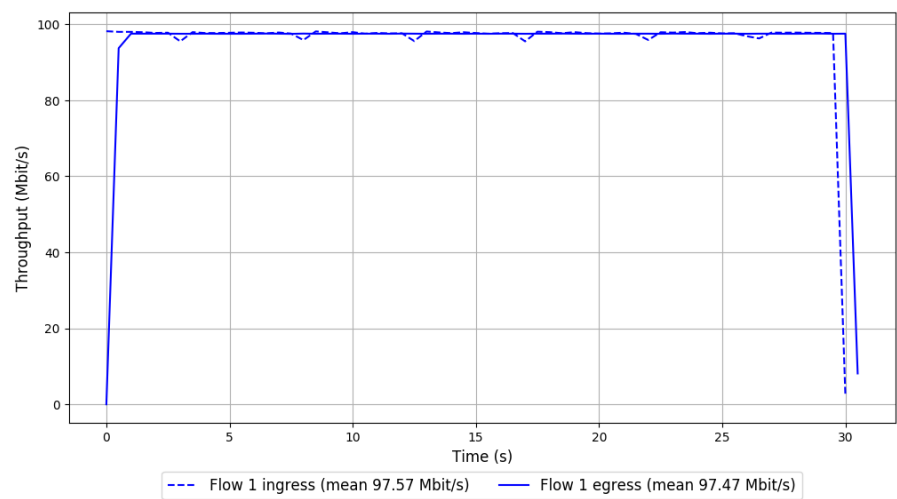
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.247 ms

Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2019-01-21 05:13:23

End at: 2019-01-21 05:13:54

Local clock offset: -6.995 ms

Remote clock offset: 0.812 ms

Below is generated by plot.py at 2019-01-21 06:53:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.98 Mbit/s

95th percentile per-packet one-way delay: 10.573 ms

Loss rate: 0.26%

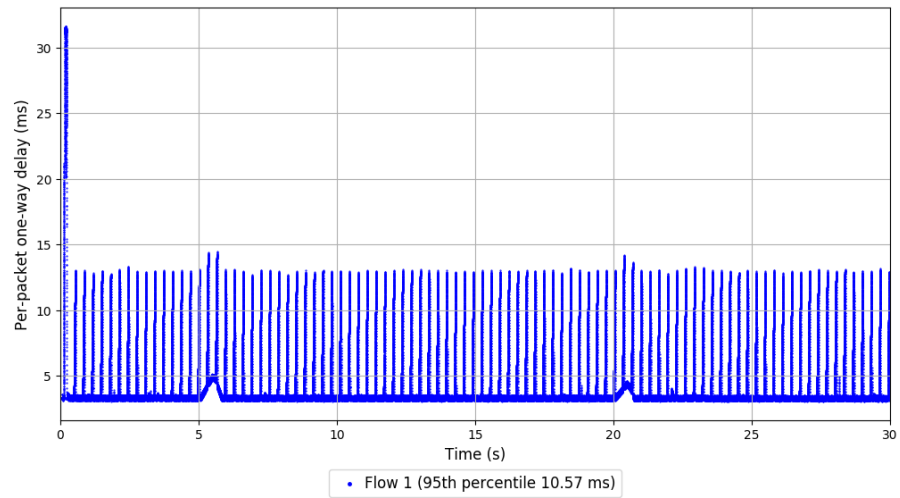
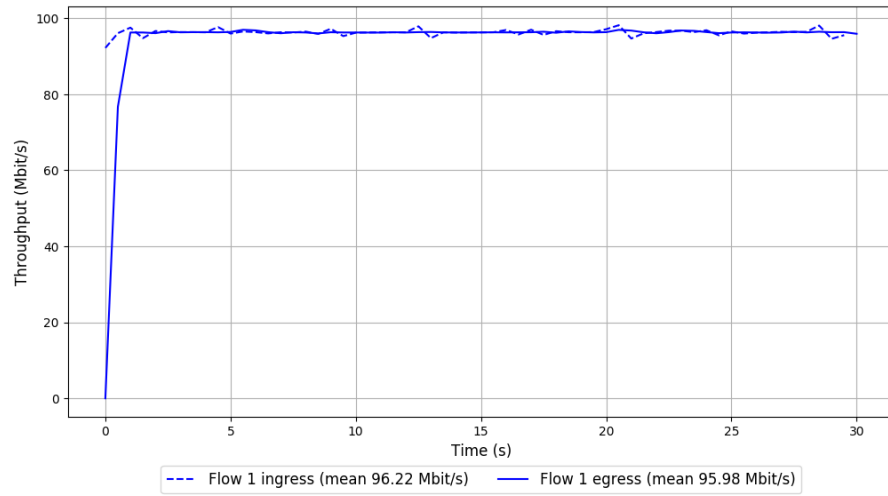
-- Flow 1:

Average throughput: 95.98 Mbit/s

95th percentile per-packet one-way delay: 10.573 ms

Loss rate: 0.26%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-01-21 05:36:48

End at: 2019-01-21 05:37:18

Local clock offset: -2.698 ms

Remote clock offset: 0.817 ms

Below is generated by plot.py at 2019-01-21 06:53:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: 10.953 ms

Loss rate: 0.26%

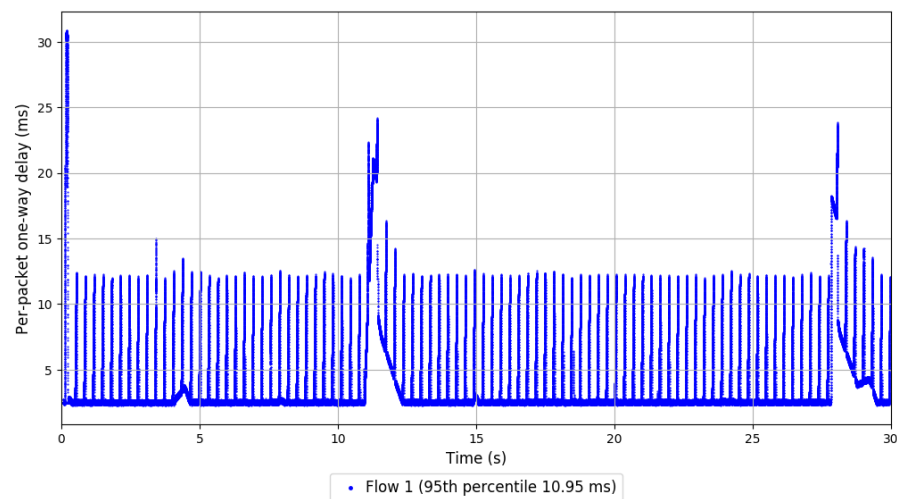
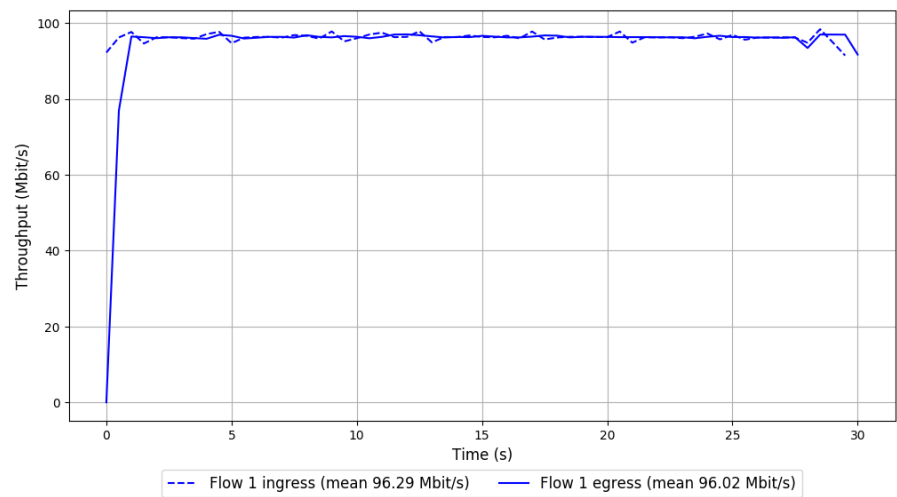
-- Flow 1:

Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: 10.953 ms

Loss rate: 0.26%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-01-21 06:00:14

End at: 2019-01-21 06:00:44

Local clock offset: -3.228 ms

Remote clock offset: 0.988 ms

Below is generated by plot.py at 2019-01-21 06:53:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 10.587 ms

Loss rate: 0.26%

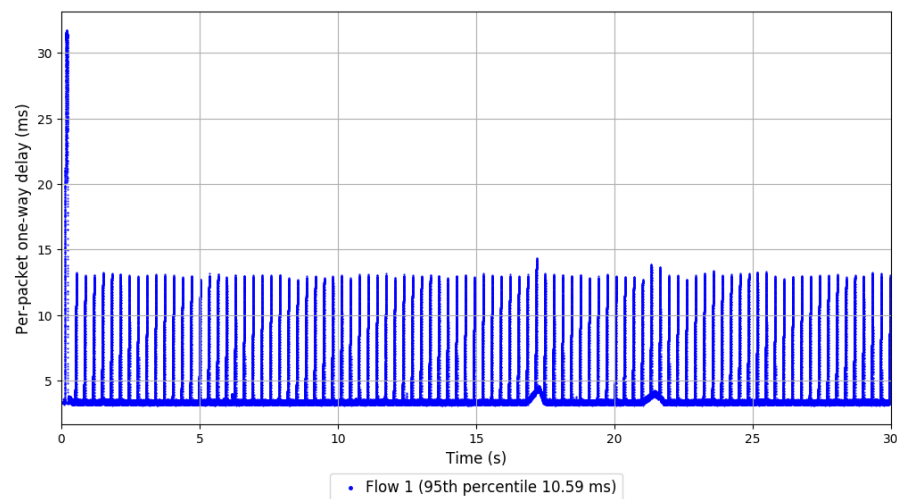
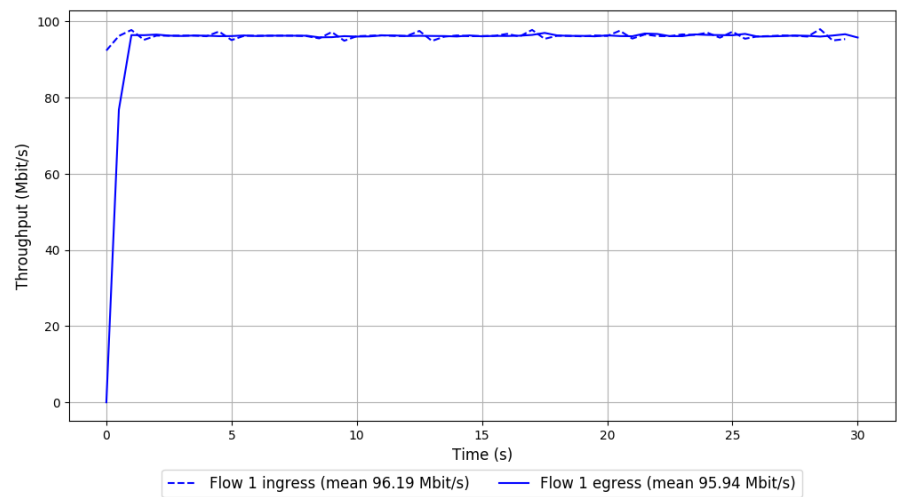
-- Flow 1:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 10.587 ms

Loss rate: 0.26%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-01-21 06:23:37

End at: 2019-01-21 06:24:07

Local clock offset: -2.312 ms

Remote clock offset: 1.31 ms

Below is generated by plot.py at 2019-01-21 06:53:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.08 Mbit/s

95th percentile per-packet one-way delay: 10.986 ms

Loss rate: 0.25%

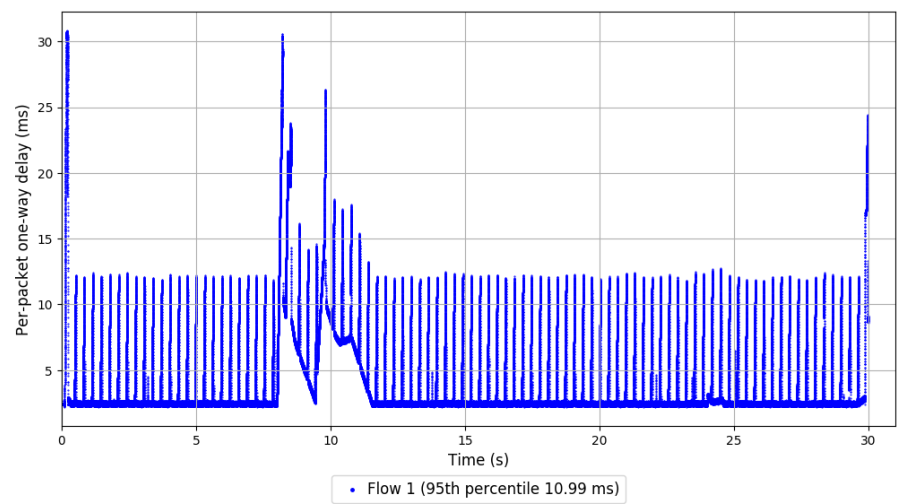
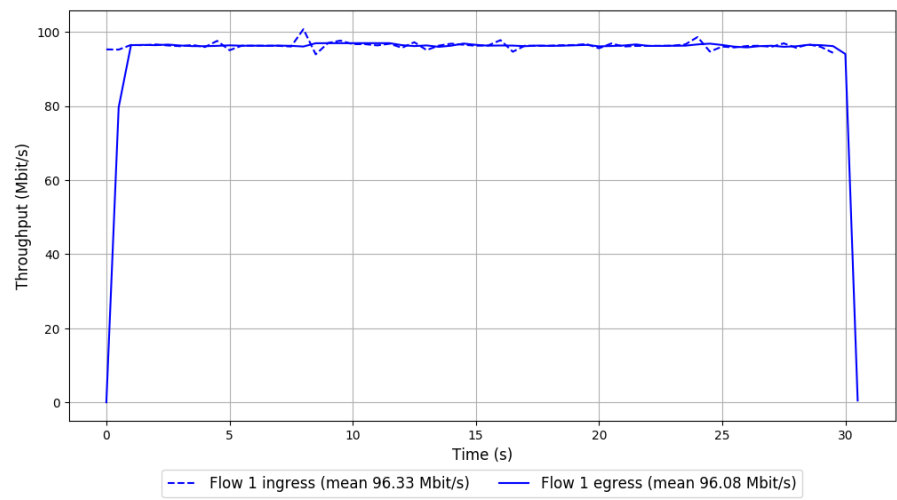
-- Flow 1:

Average throughput: 96.08 Mbit/s

95th percentile per-packet one-way delay: 10.986 ms

Loss rate: 0.25%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-01-21 06:47:00

End at: 2019-01-21 06:47:30

Local clock offset: -2.939 ms

Remote clock offset: 1.204 ms

Below is generated by plot.py at 2019-01-21 06:53:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 9.554 ms

Loss rate: 0.33%

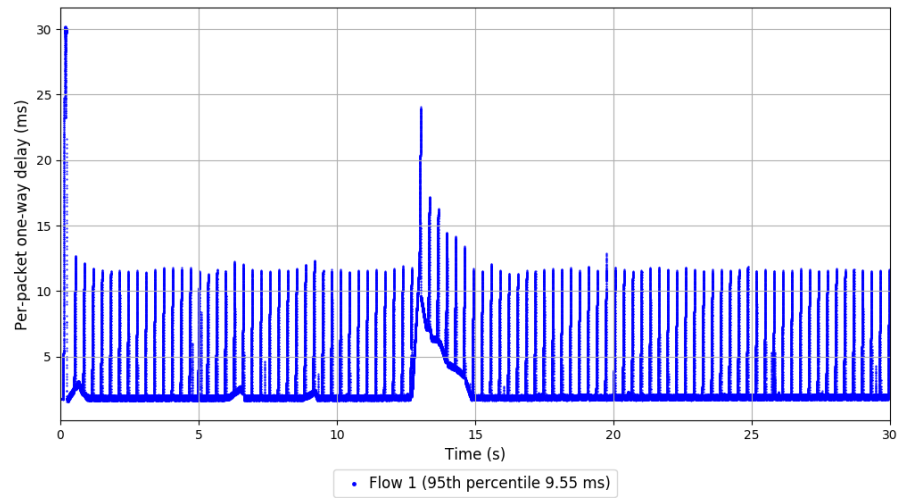
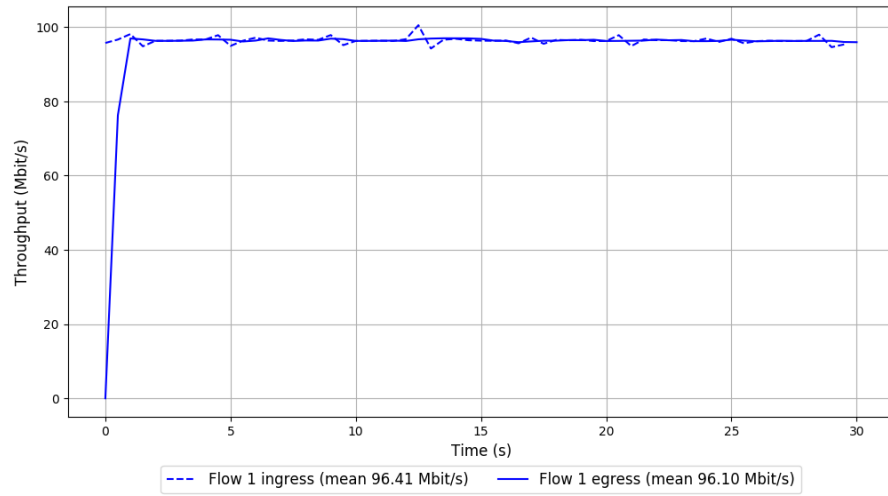
-- Flow 1:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 9.554 ms

Loss rate: 0.33%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-01-21 05:04:26

End at: 2019-01-21 05:04:56

Local clock offset: -5.468 ms

Remote clock offset: 0.773 ms

Below is generated by plot.py at 2019-01-21 06:53:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.31 Mbit/s

95th percentile per-packet one-way delay: 4.620 ms

Loss rate: 0.07%

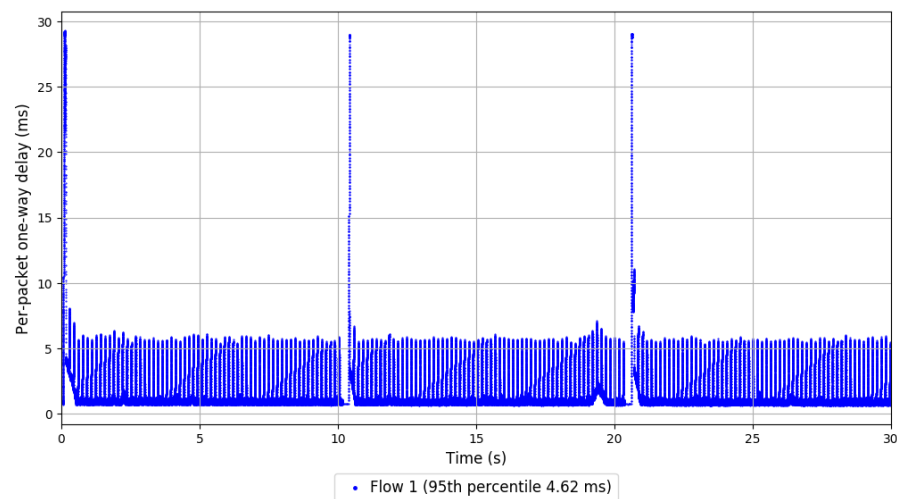
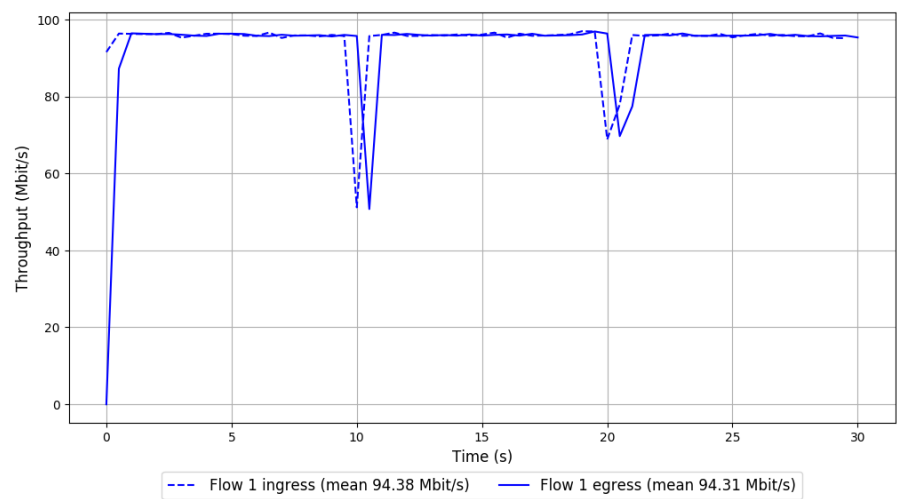
-- Flow 1:

Average throughput: 94.31 Mbit/s

95th percentile per-packet one-way delay: 4.620 ms

Loss rate: 0.07%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-01-21 05:27:49

End at: 2019-01-21 05:28:19

Local clock offset: -4.223 ms

Remote clock offset: 0.845 ms

Below is generated by plot.py at 2019-01-21 06:54:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.34 Mbit/s

95th percentile per-packet one-way delay: 5.551 ms

Loss rate: 0.07%

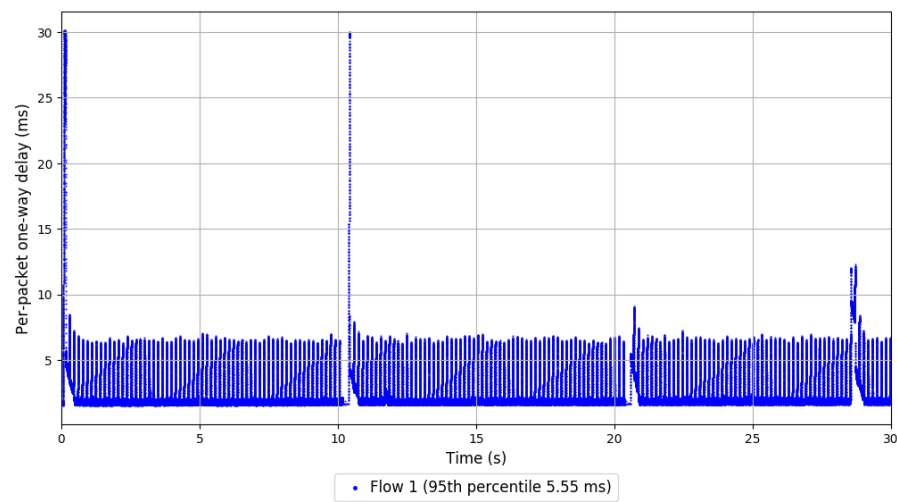
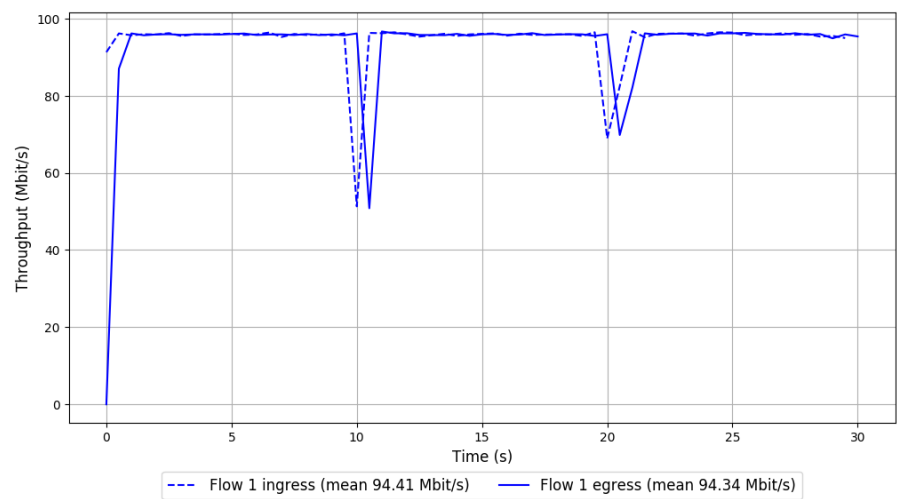
-- Flow 1:

Average throughput: 94.34 Mbit/s

95th percentile per-packet one-way delay: 5.551 ms

Loss rate: 0.07%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2019-01-21 05:51:16

End at: 2019-01-21 05:51:46

Local clock offset: -2.319 ms

Remote clock offset: 1.061 ms

Below is generated by plot.py at 2019-01-21 06:54:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.60 Mbit/s

95th percentile per-packet one-way delay: 6.601 ms

Loss rate: 0.08%

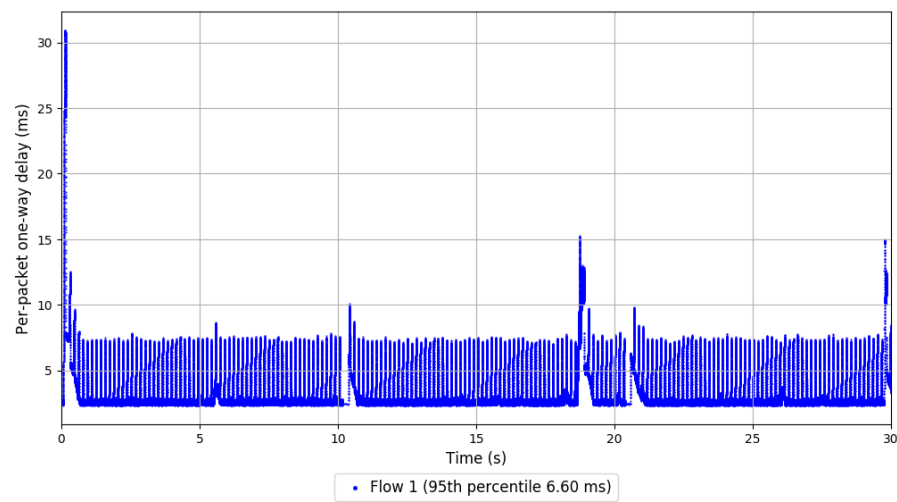
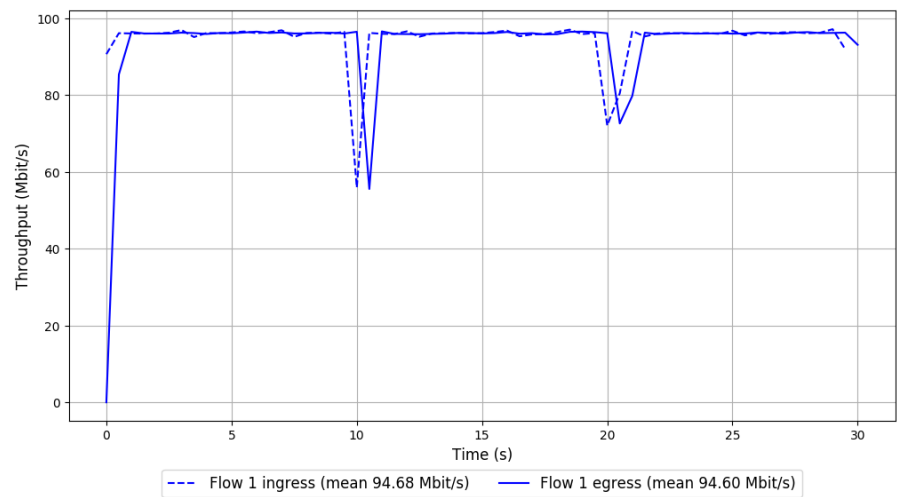
-- Flow 1:

Average throughput: 94.60 Mbit/s

95th percentile per-packet one-way delay: 6.601 ms

Loss rate: 0.08%

Run 3: Report of FillP-Sheep — Data Link

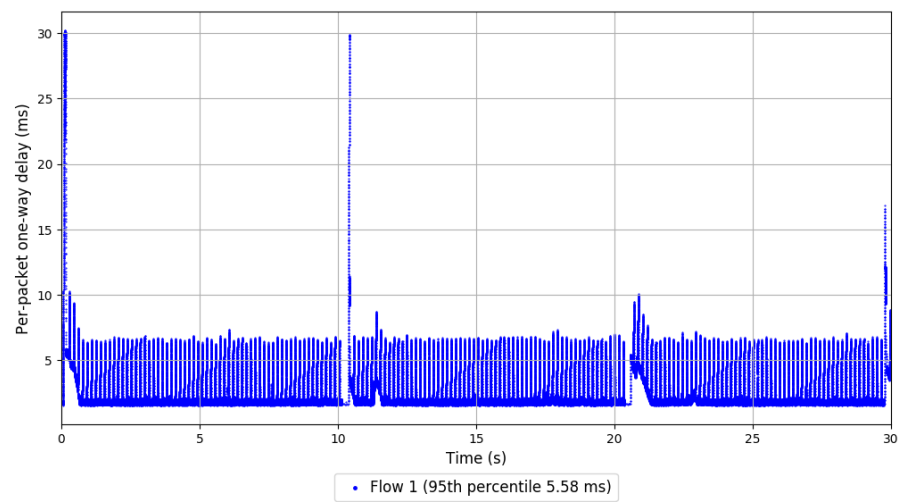
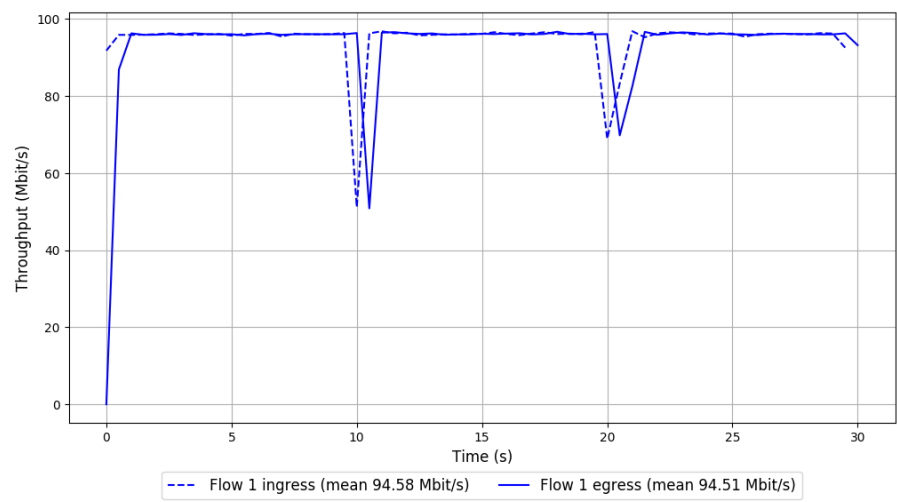


Run 4: Statistics of FillP-Sheep

Start at: 2019-01-21 06:14:40
End at: 2019-01-21 06:15:10
Local clock offset: -3.011 ms
Remote clock offset: 1.259 ms

Below is generated by plot.py at 2019-01-21 06:54:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 5.577 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 5.577 ms
Loss rate: 0.08%

Run 4: Report of FillP-Sheep — Data Link

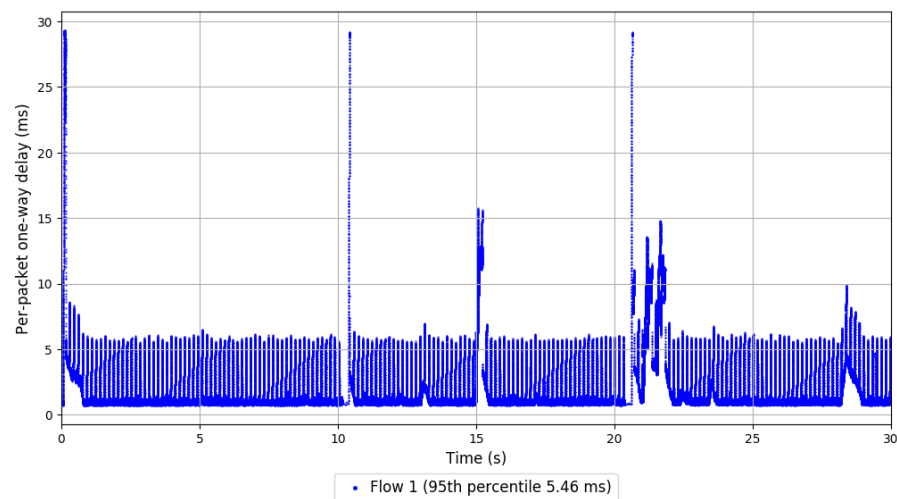
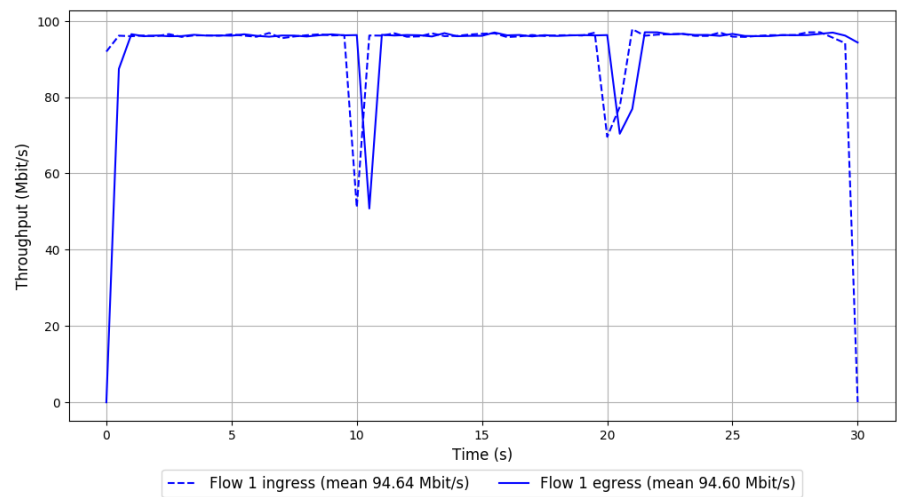


Run 5: Statistics of FillP-Sheep

Start at: 2019-01-21 06:38:03
End at: 2019-01-21 06:38:33
Local clock offset: -2.315 ms
Remote clock offset: 1.327 ms

Below is generated by plot.py at 2019-01-21 06:54:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 5.464 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 5.464 ms
Loss rate: 0.07%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-01-21 05:14:31

End at: 2019-01-21 05:15:01

Local clock offset: -6.19 ms

Remote clock offset: 0.894 ms

Below is generated by plot.py at 2019-01-21 06:54:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 3.753 ms

Loss rate: 0.00%

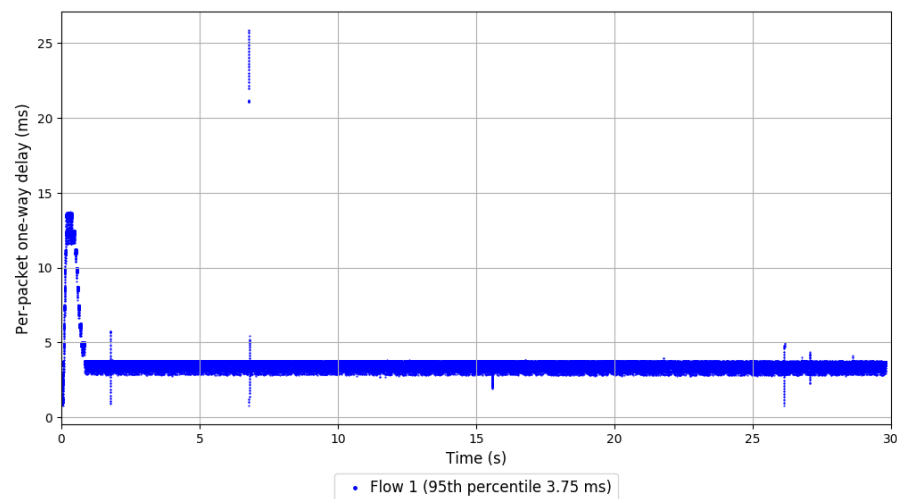
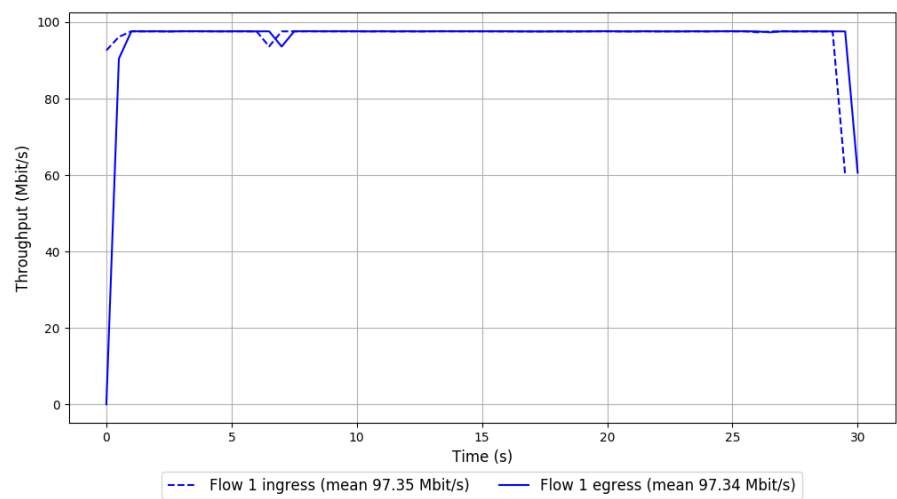
-- Flow 1:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 3.753 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-01-21 05:37:55

End at: 2019-01-21 05:38:25

Local clock offset: -2.616 ms

Remote clock offset: 0.916 ms

Below is generated by plot.py at 2019-01-21 06:54:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 3.794 ms

Loss rate: 0.00%

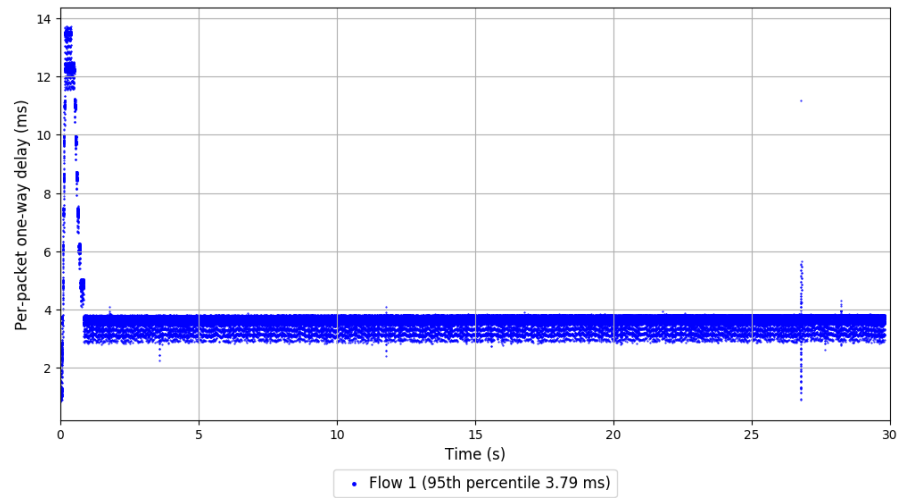
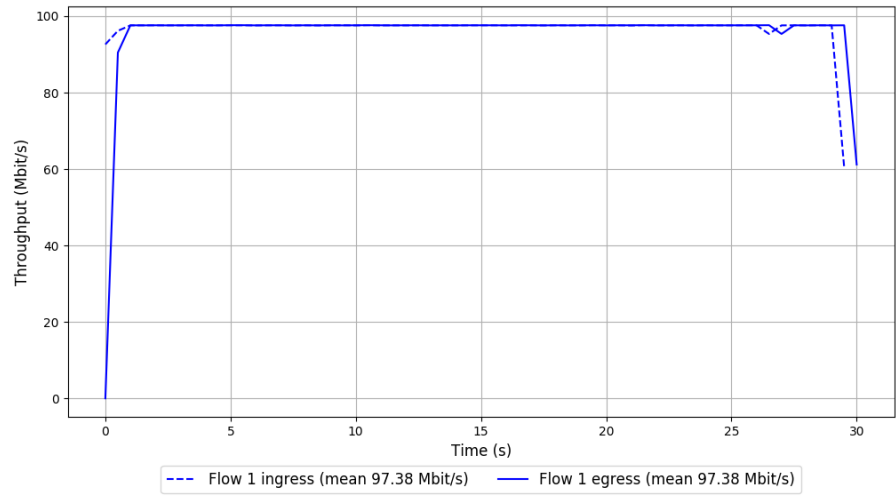
-- Flow 1:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 3.794 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-01-21 06:01:21

End at: 2019-01-21 06:01:51

Local clock offset: -2.304 ms

Remote clock offset: 1.033 ms

Below is generated by plot.py at 2019-01-21 06:54:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 4.930 ms

Loss rate: 0.00%

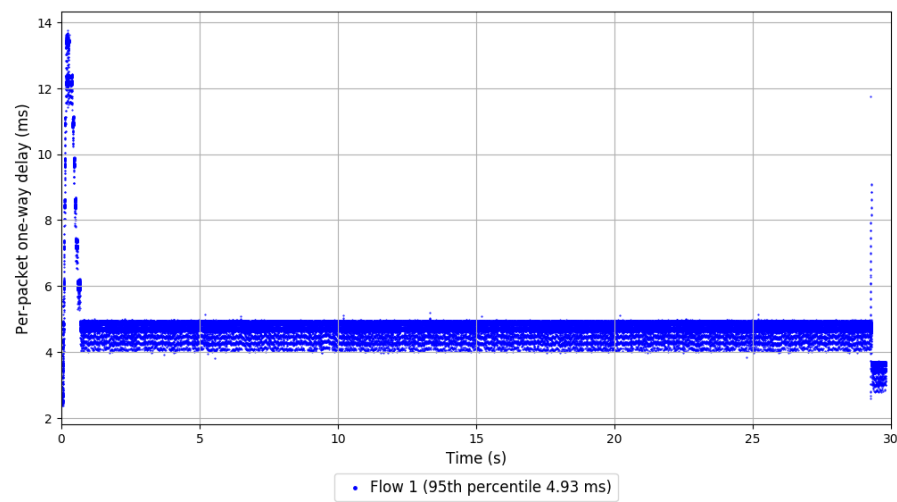
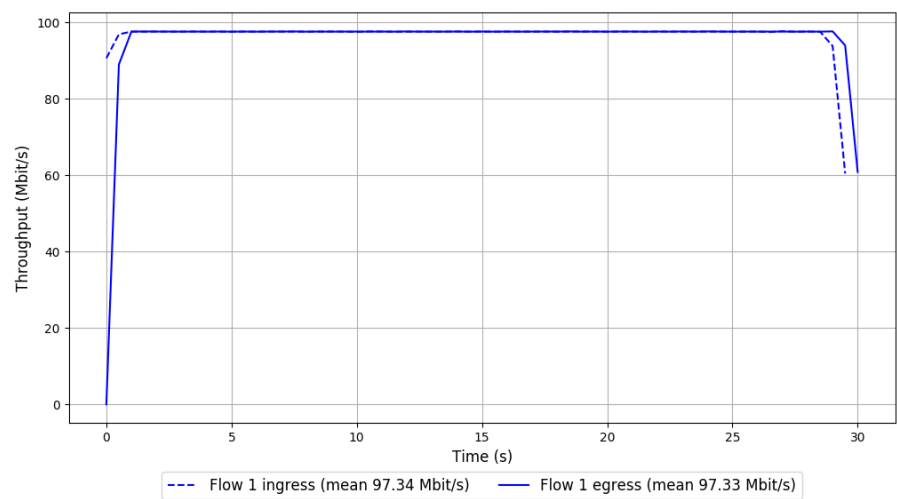
-- Flow 1:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 4.930 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-01-21 06:24:45

End at: 2019-01-21 06:25:15

Local clock offset: -3.24 ms

Remote clock offset: 1.356 ms

Below is generated by plot.py at 2019-01-21 06:54:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 5.852 ms

Loss rate: 0.01%

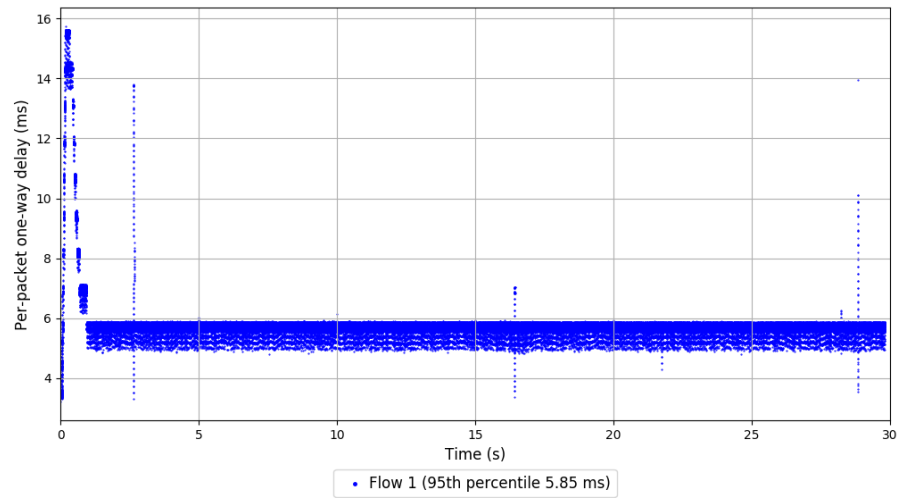
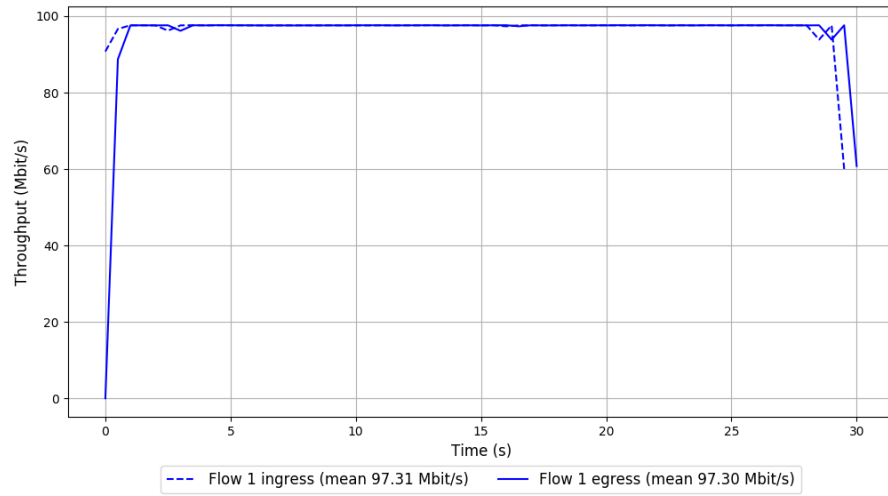
-- Flow 1:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 5.852 ms

Loss rate: 0.01%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-01-21 06:48:07

End at: 2019-01-21 06:48:37

Local clock offset: -2.798 ms

Remote clock offset: 1.181 ms

Below is generated by plot.py at 2019-01-21 06:55:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.27 Mbit/s

95th percentile per-packet one-way delay: 5.980 ms

Loss rate: 0.00%

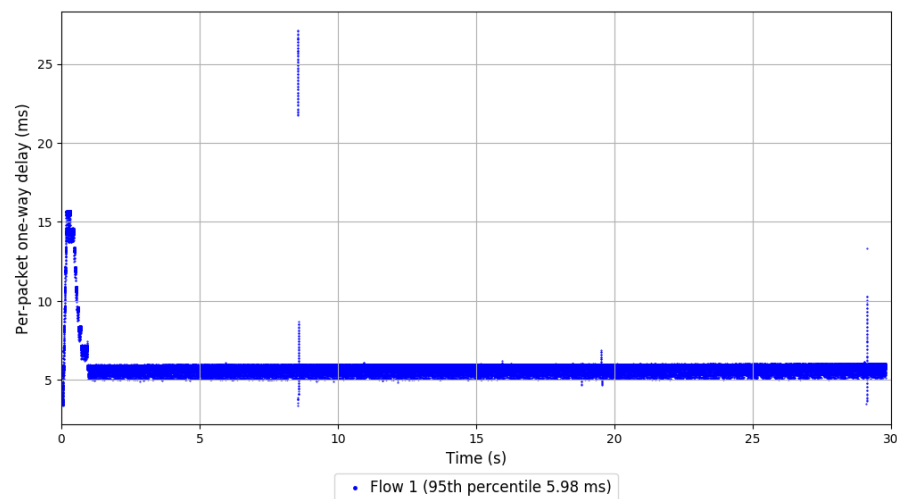
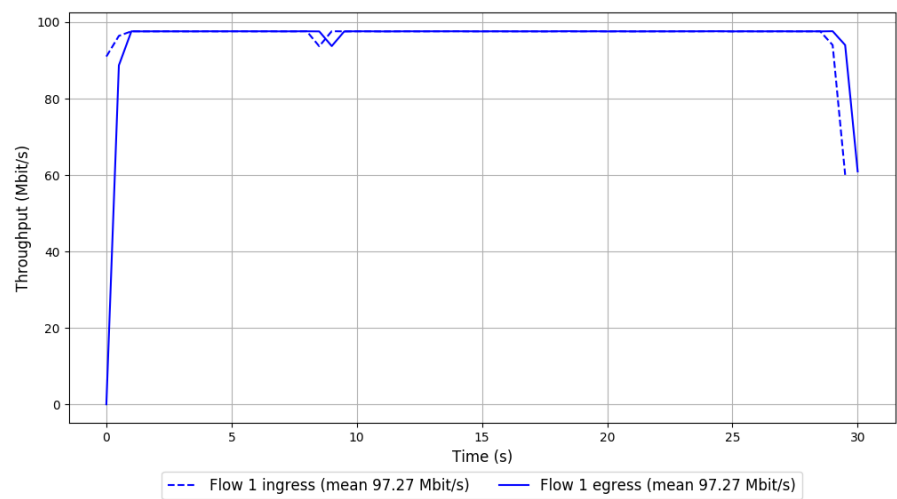
-- Flow 1:

Average throughput: 97.27 Mbit/s

95th percentile per-packet one-way delay: 5.980 ms

Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-01-21 05:00:00

End at: 2019-01-21 05:00:30

Local clock offset: -5.75 ms

Remote clock offset: 0.649 ms

Below is generated by plot.py at 2019-01-21 06:55:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 5.188 ms

Loss rate: 0.00%

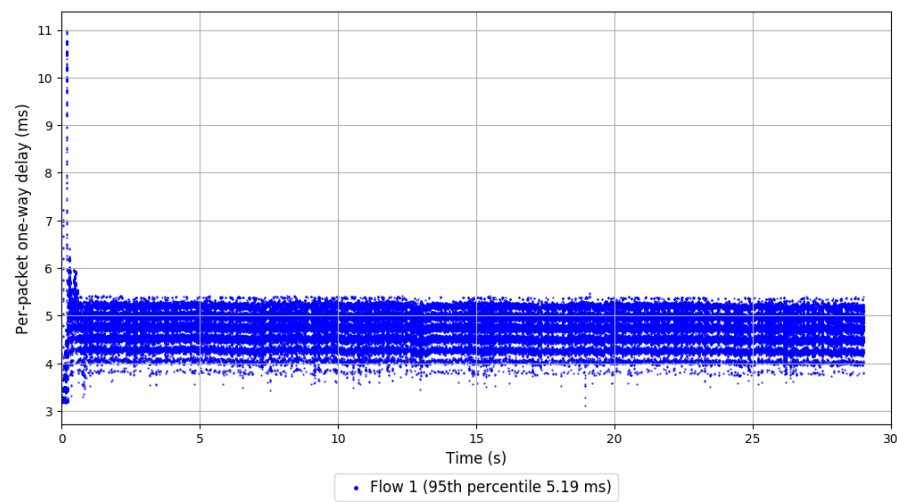
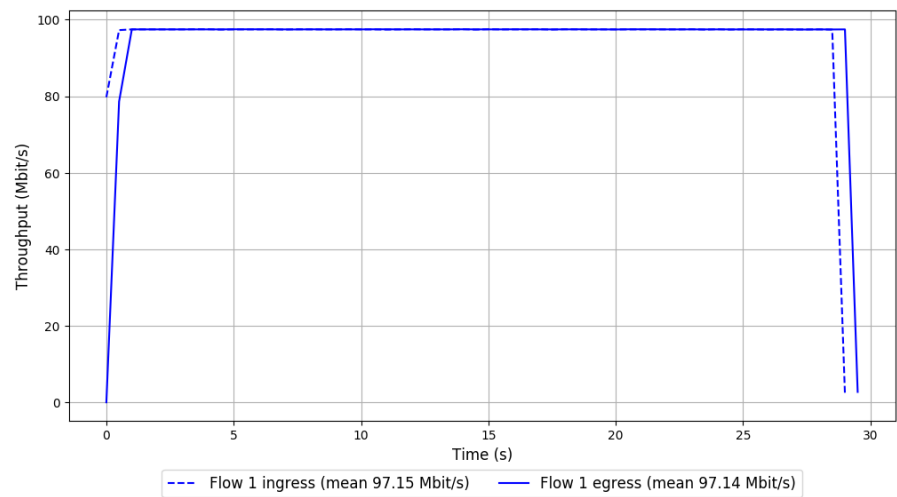
-- Flow 1:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 5.188 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-01-21 05:23:23

End at: 2019-01-21 05:23:53

Local clock offset: -4.081 ms

Remote clock offset: 0.814 ms

Below is generated by plot.py at 2019-01-21 06:55:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 2.842 ms

Loss rate: 0.00%

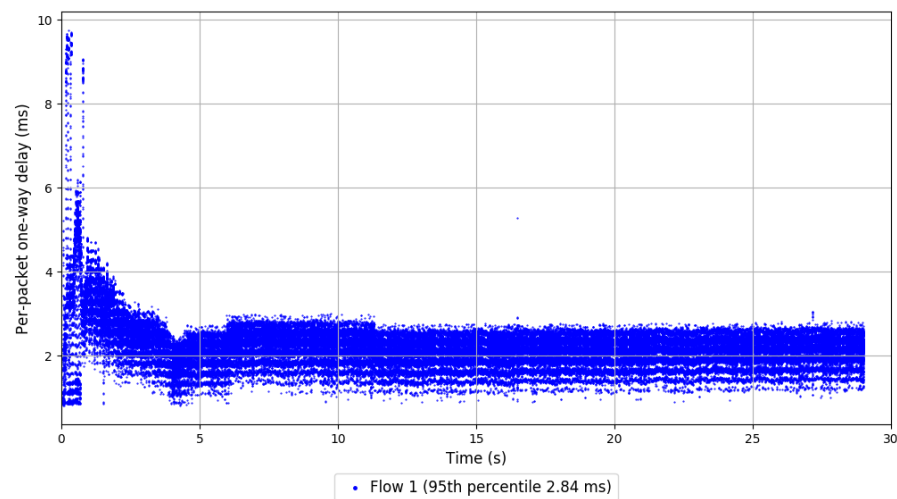
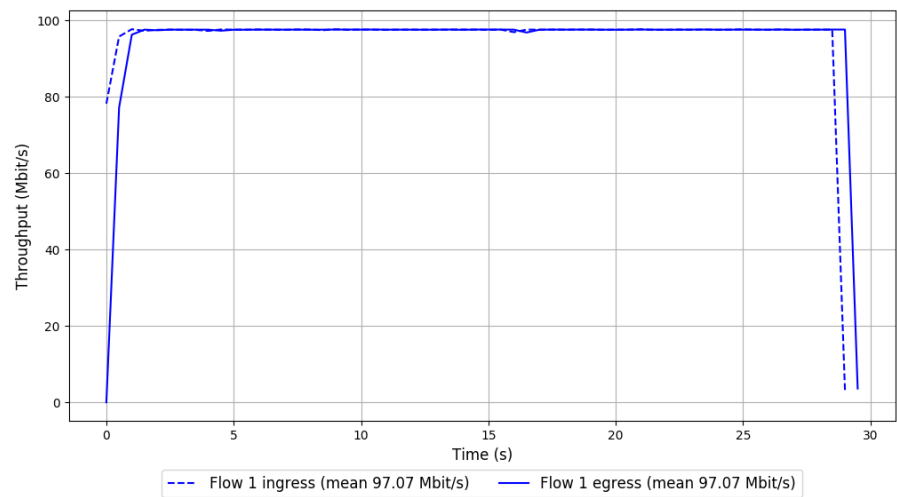
-- Flow 1:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 2.842 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link



Run 3: Statistics of Indigo-MusesC3

Start at: 2019-01-21 05:46:48

End at: 2019-01-21 05:47:18

Local clock offset: -2.252 ms

Remote clock offset: 0.856 ms

Below is generated by plot.py at 2019-01-21 06:55:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 2.831 ms

Loss rate: 0.00%

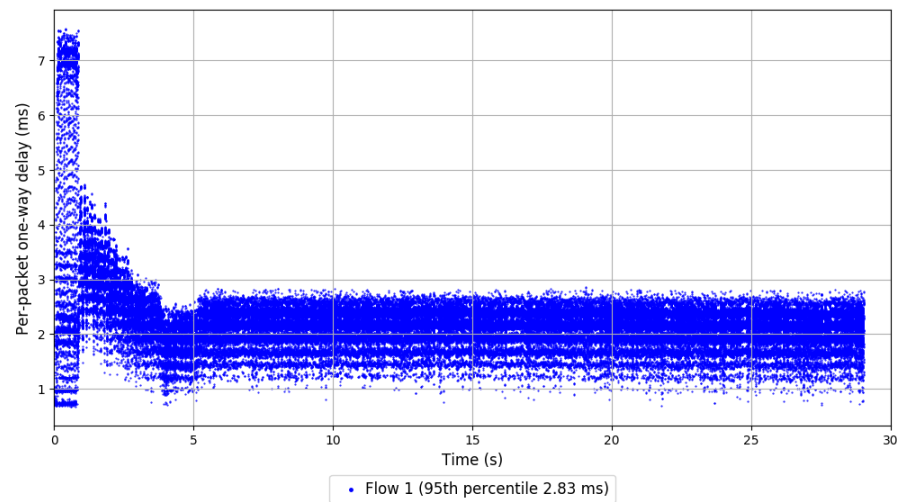
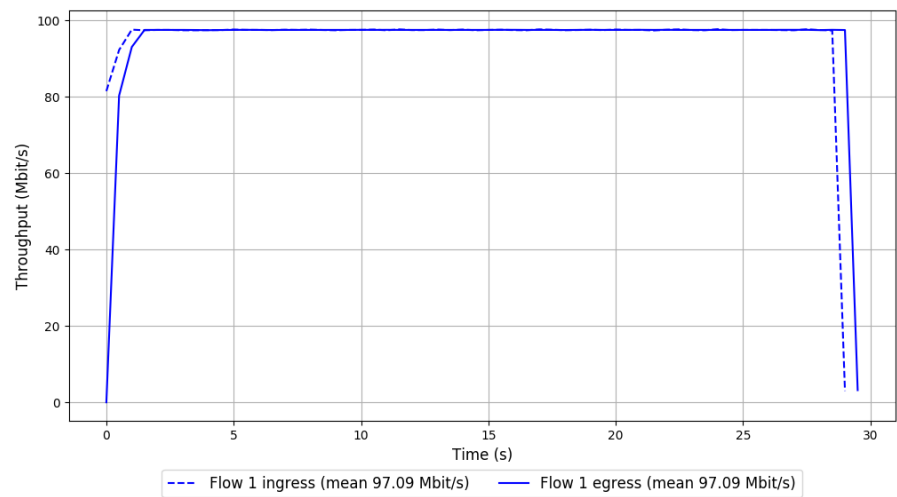
-- Flow 1:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 2.831 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-01-21 06:10:14

End at: 2019-01-21 06:10:44

Local clock offset: -2.279 ms

Remote clock offset: 1.148 ms

Below is generated by plot.py at 2019-01-21 06:55:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 4.544 ms

Loss rate: 0.01%

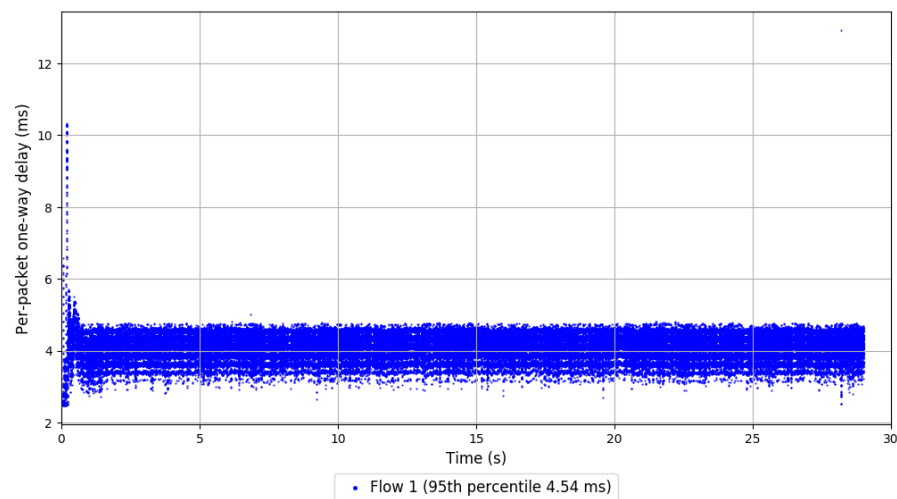
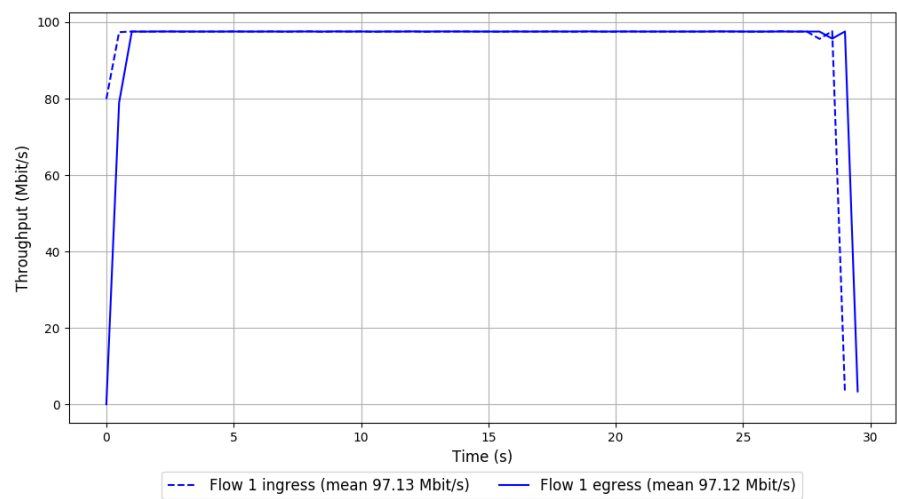
-- Flow 1:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 4.544 ms

Loss rate: 0.01%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-01-21 06:33:37

End at: 2019-01-21 06:34:07

Local clock offset: -3.264 ms

Remote clock offset: 1.398 ms

Below is generated by plot.py at 2019-01-21 06:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 5.904 ms

Loss rate: 0.00%

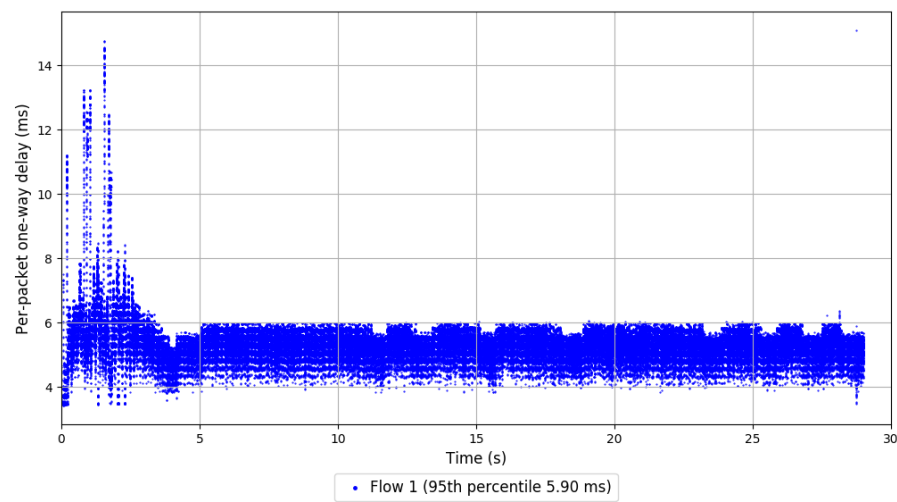
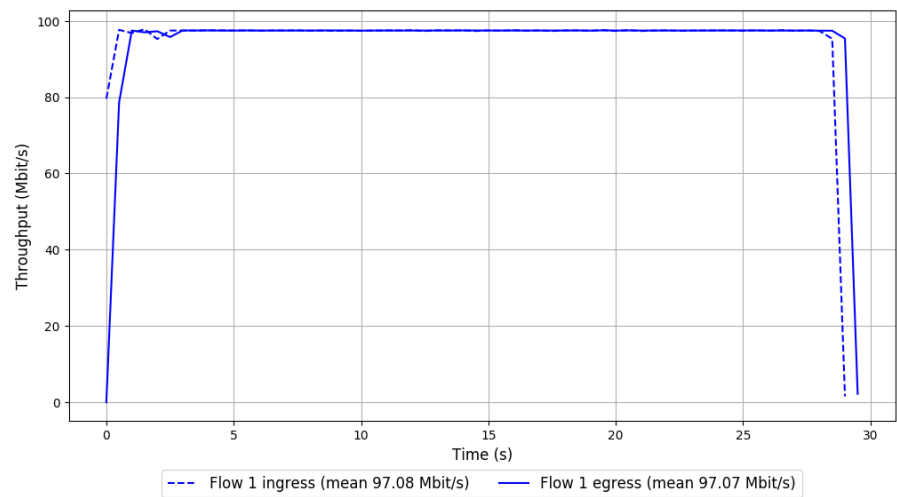
-- Flow 1:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 5.904 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-01-21 05:06:41

End at: 2019-01-21 05:07:11

Local clock offset: -6.508 ms

Remote clock offset: 0.733 ms

Below is generated by plot.py at 2019-01-21 06:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.27 Mbit/s

95th percentile per-packet one-way delay: 3.934 ms

Loss rate: 0.01%

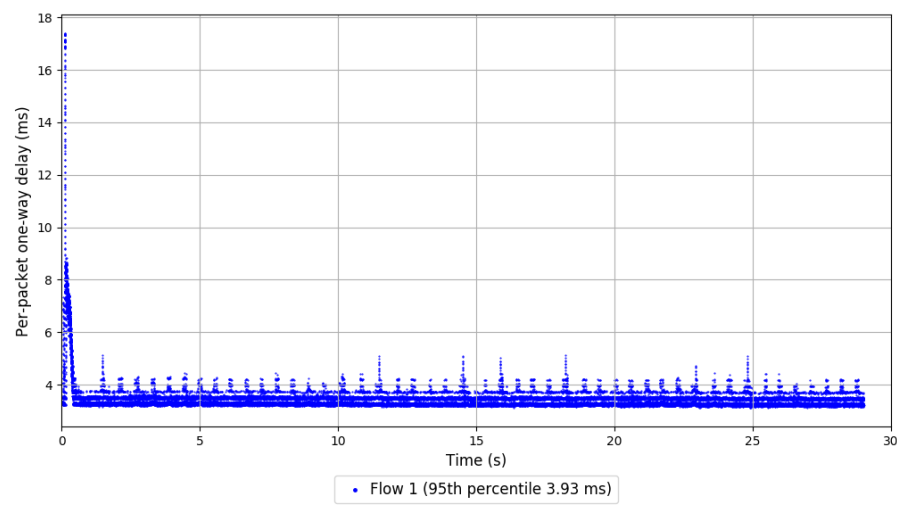
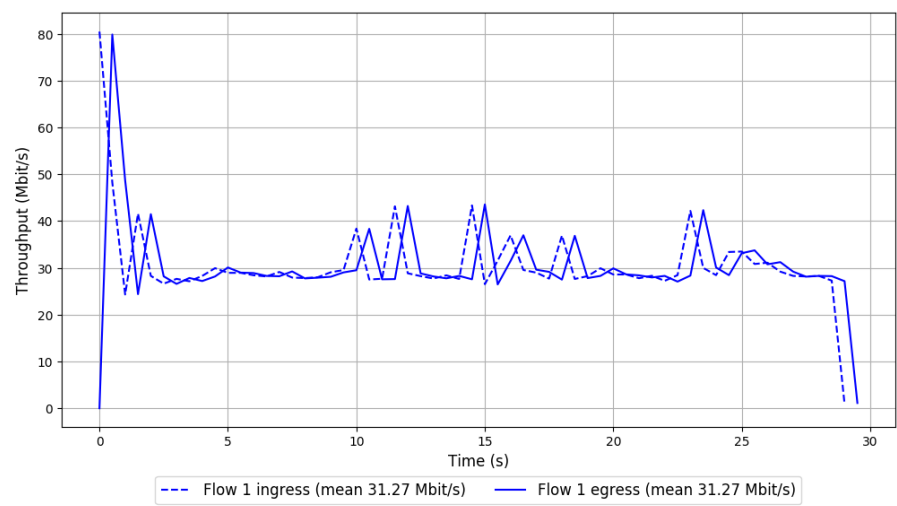
-- Flow 1:

Average throughput: 31.27 Mbit/s

95th percentile per-packet one-way delay: 3.934 ms

Loss rate: 0.01%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-01-21 05:30:05

End at: 2019-01-21 05:30:35

Local clock offset: -3.127 ms

Remote clock offset: 0.829 ms

Below is generated by plot.py at 2019-01-21 06:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.08 Mbit/s

95th percentile per-packet one-way delay: 2.172 ms

Loss rate: 0.00%

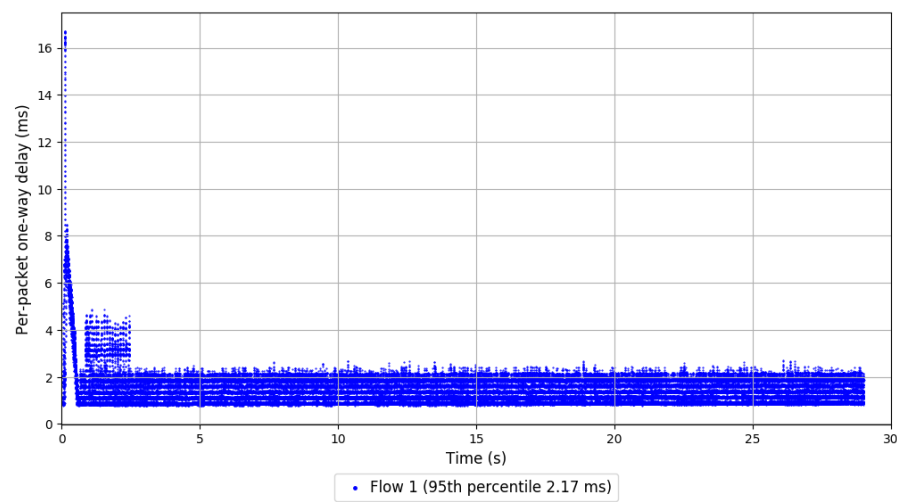
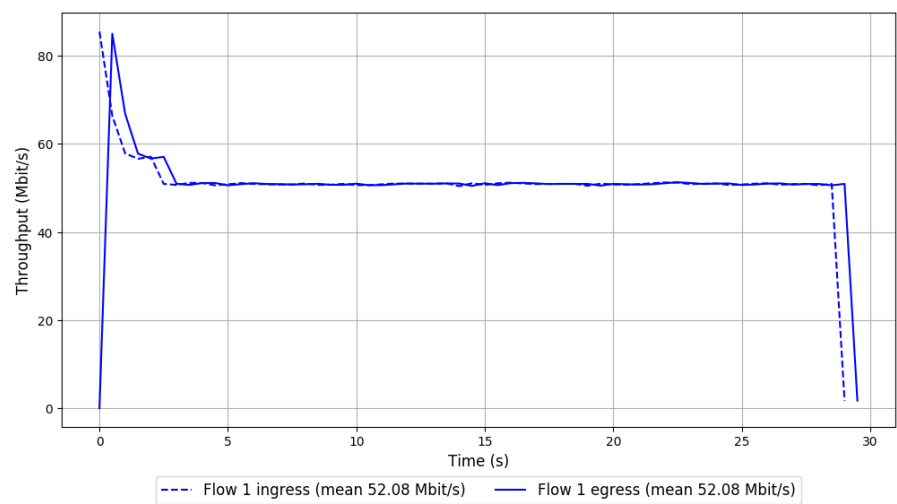
-- Flow 1:

Average throughput: 52.08 Mbit/s

95th percentile per-packet one-way delay: 2.172 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-01-21 05:53:31

End at: 2019-01-21 05:54:01

Local clock offset: -3.231 ms

Remote clock offset: 0.989 ms

Below is generated by plot.py at 2019-01-21 06:56:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.51 Mbit/s

95th percentile per-packet one-way delay: 3.932 ms

Loss rate: 0.01%

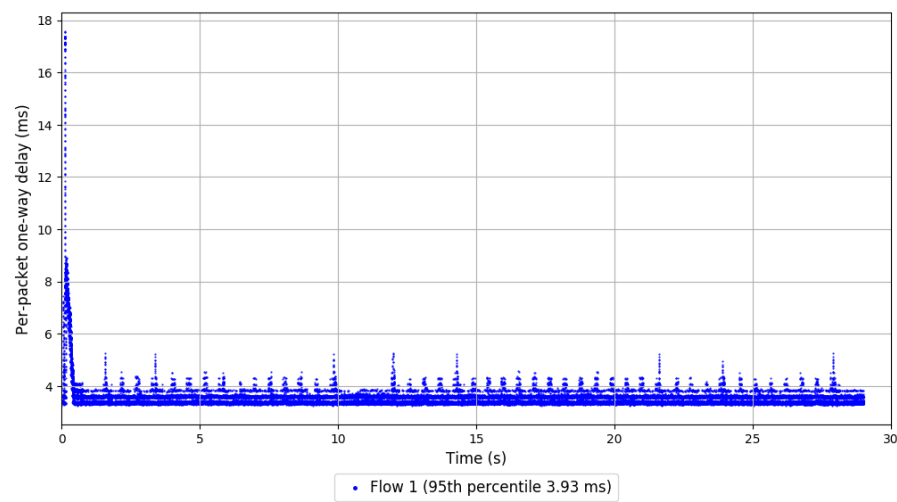
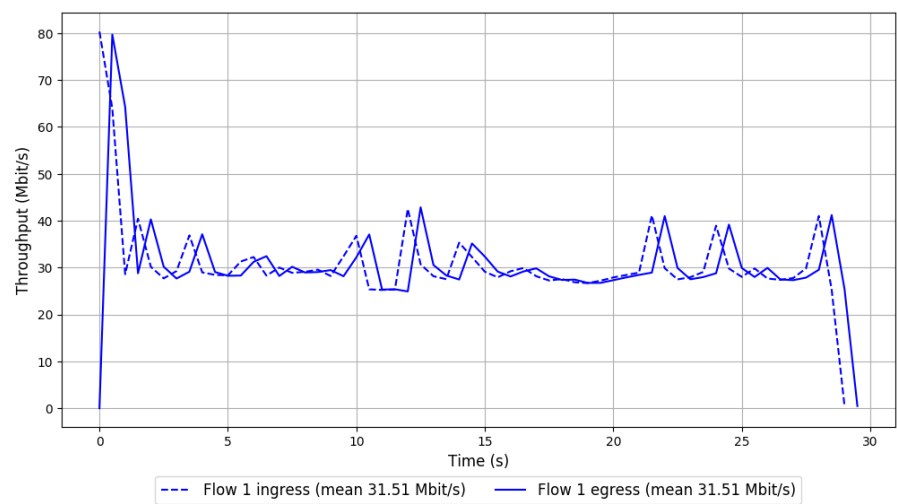
-- Flow 1:

Average throughput: 31.51 Mbit/s

95th percentile per-packet one-way delay: 3.932 ms

Loss rate: 0.01%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-01-21 06:16:55

End at: 2019-01-21 06:17:25

Local clock offset: -2.258 ms

Remote clock offset: 1.302 ms

Below is generated by plot.py at 2019-01-21 06:56:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.15 Mbit/s

95th percentile per-packet one-way delay: 6.756 ms

Loss rate: 0.00%

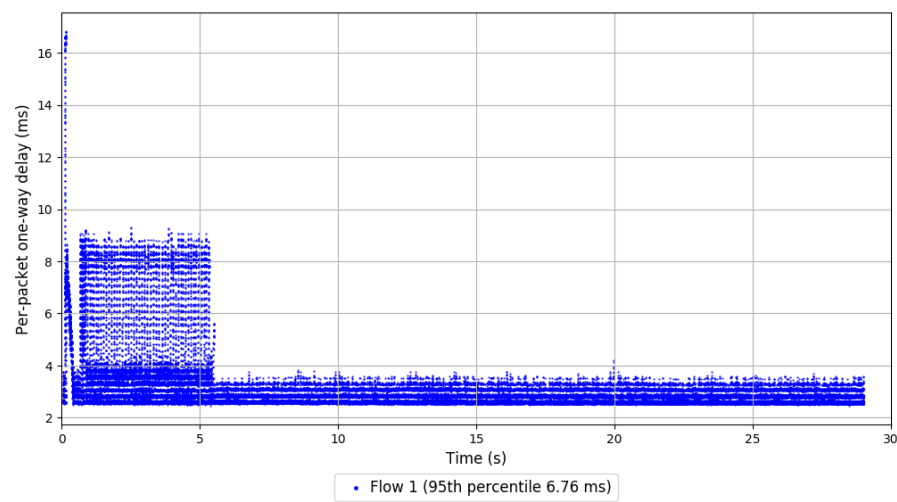
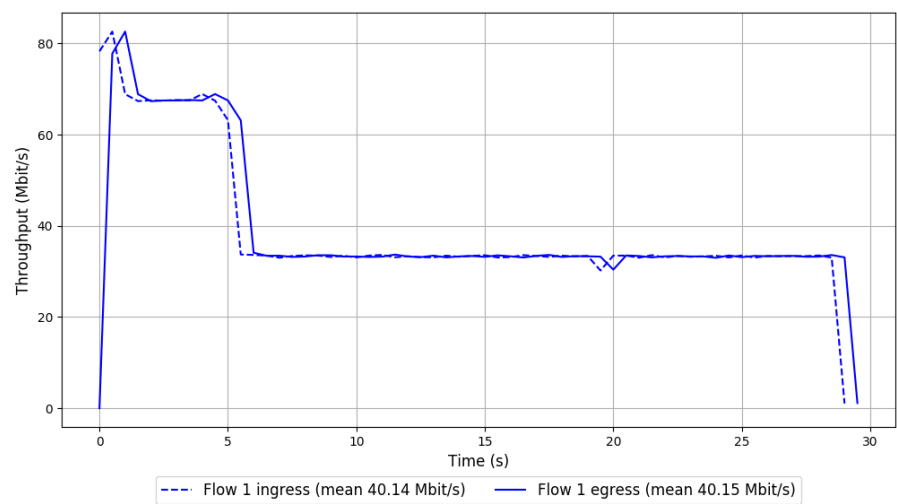
-- Flow 1:

Average throughput: 40.15 Mbit/s

95th percentile per-packet one-way delay: 6.756 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-01-21 06:40:18

End at: 2019-01-21 06:40:48

Local clock offset: -2.376 ms

Remote clock offset: 1.196 ms

Below is generated by plot.py at 2019-01-21 06:56:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.27 Mbit/s

95th percentile per-packet one-way delay: 3.024 ms

Loss rate: 0.00%

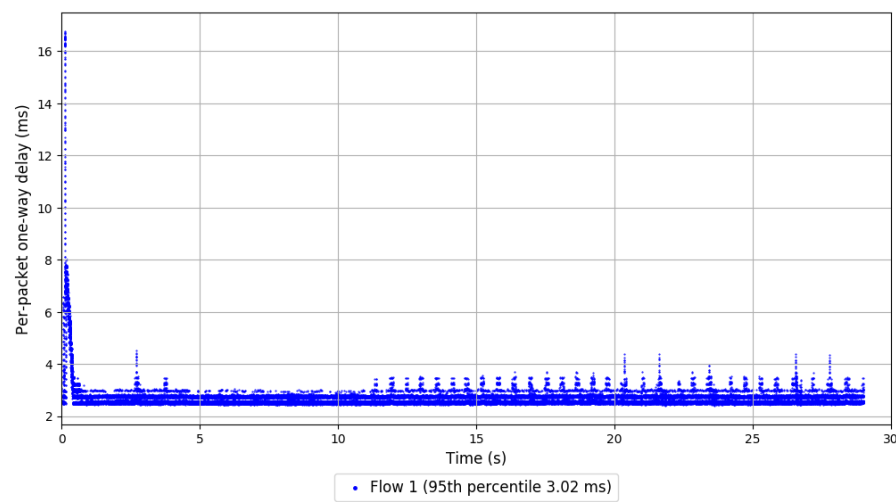
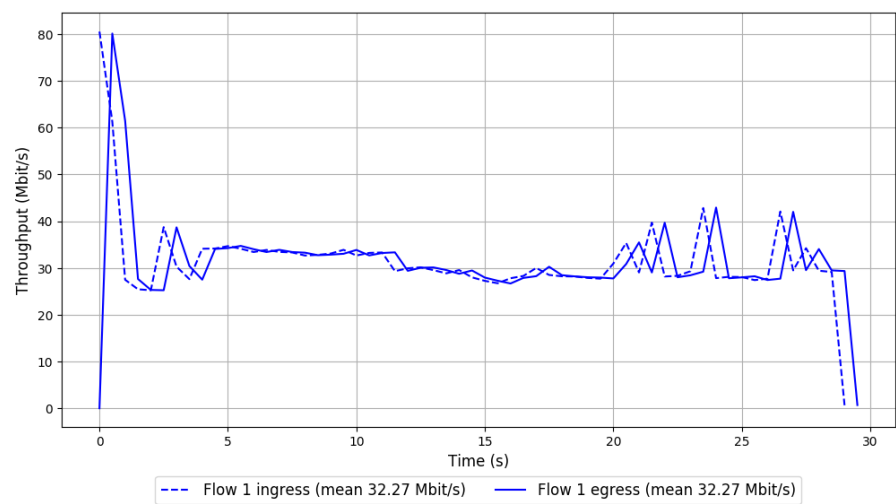
-- Flow 1:

Average throughput: 32.27 Mbit/s

95th percentile per-packet one-way delay: 3.024 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-01-21 04:56:40

End at: 2019-01-21 04:57:10

Local clock offset: -4.375 ms

Remote clock offset: 0.654 ms

Below is generated by plot.py at 2019-01-21 06:56:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.16 Mbit/s

95th percentile per-packet one-way delay: 4.370 ms

Loss rate: 0.01%

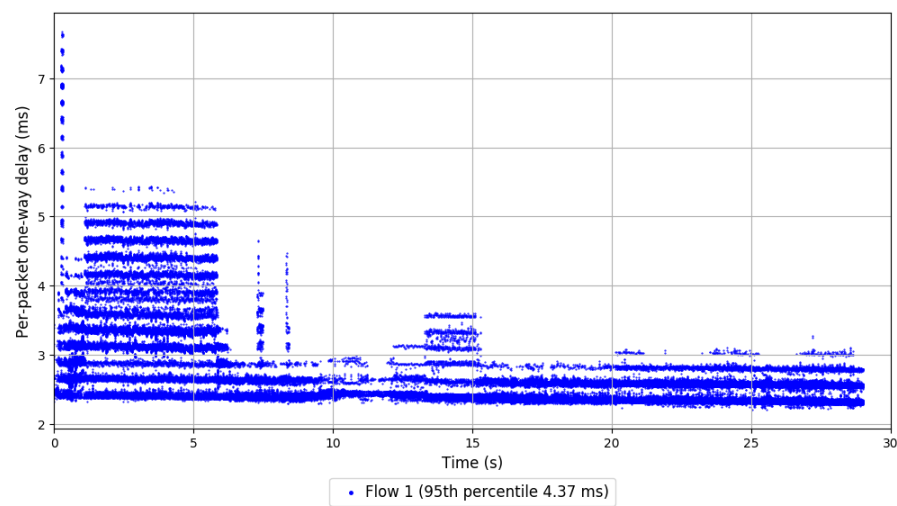
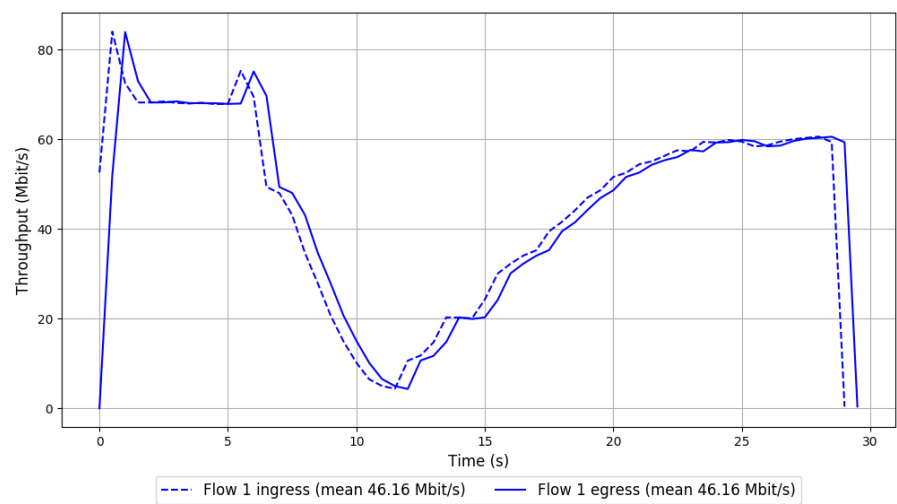
-- Flow 1:

Average throughput: 46.16 Mbit/s

95th percentile per-packet one-way delay: 4.370 ms

Loss rate: 0.01%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-01-21 05:20:04

End at: 2019-01-21 05:20:34

Local clock offset: -5.795 ms

Remote clock offset: 0.875 ms

Below is generated by plot.py at 2019-01-21 06:56:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.39 Mbit/s

95th percentile per-packet one-way delay: 4.099 ms

Loss rate: 0.01%

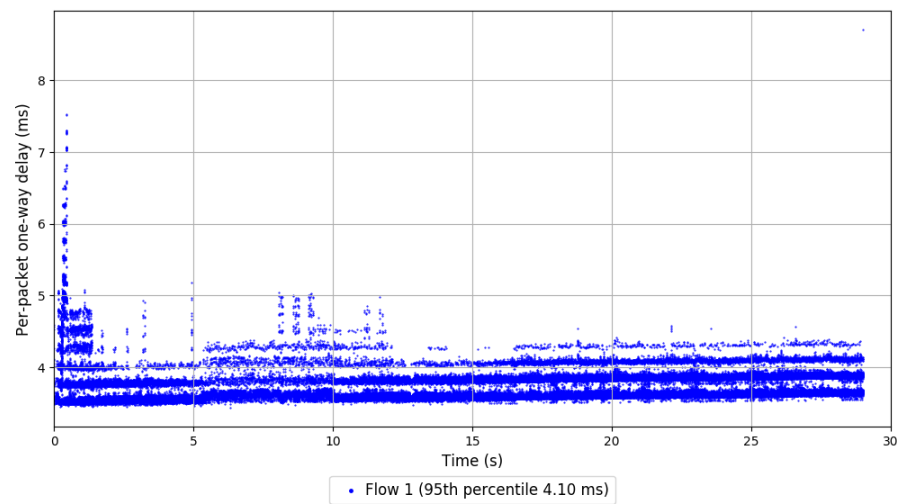
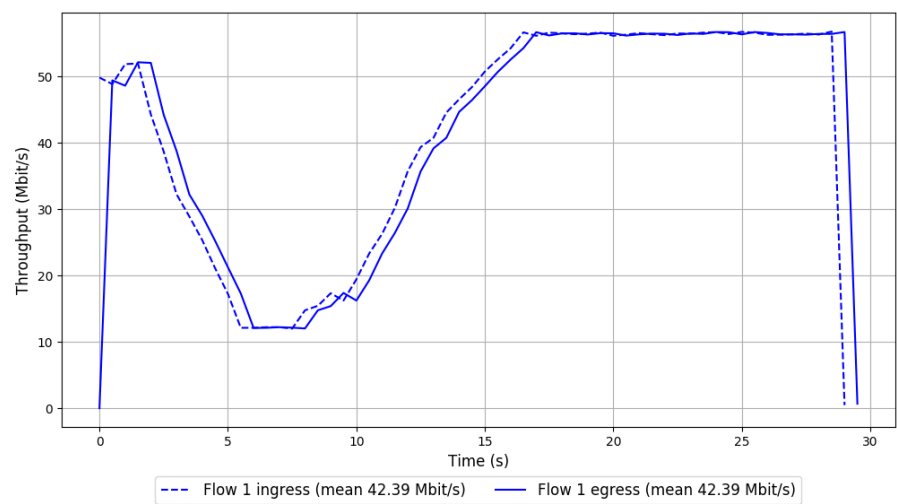
-- Flow 1:

Average throughput: 42.39 Mbit/s

95th percentile per-packet one-way delay: 4.099 ms

Loss rate: 0.01%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-01-21 05:43:28

End at: 2019-01-21 05:43:58

Local clock offset: -3.23 ms

Remote clock offset: 0.998 ms

Below is generated by plot.py at 2019-01-21 06:56:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.72 Mbit/s

95th percentile per-packet one-way delay: 2.356 ms

Loss rate: 0.00%

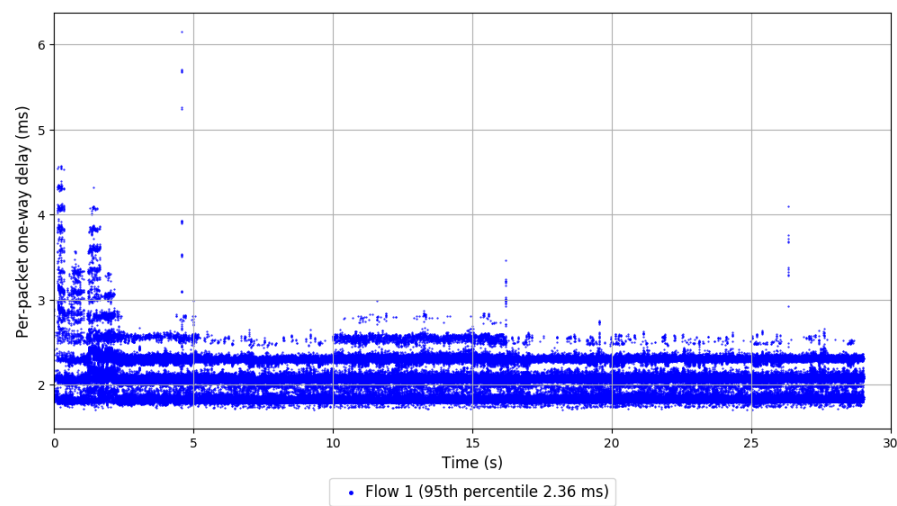
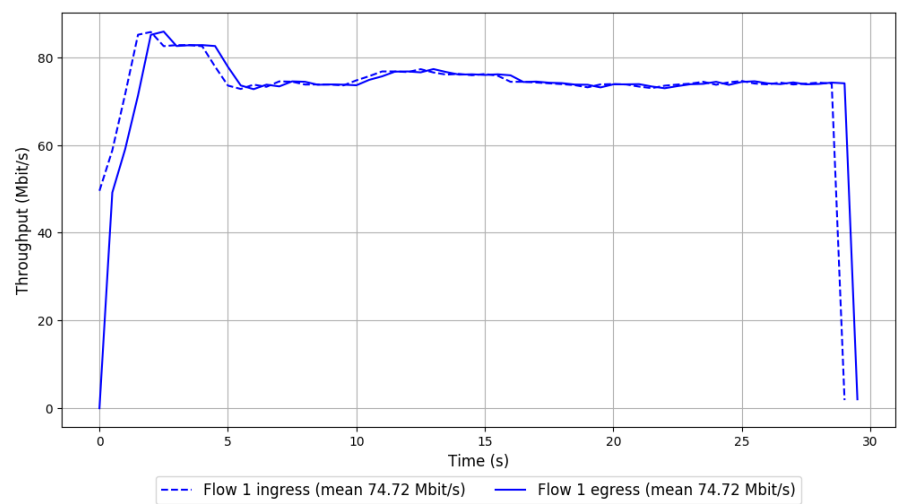
-- Flow 1:

Average throughput: 74.72 Mbit/s

95th percentile per-packet one-way delay: 2.356 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-01-21 06:06:54

End at: 2019-01-21 06:07:24

Local clock offset: -3.12 ms

Remote clock offset: 1.06 ms

Below is generated by plot.py at 2019-01-21 06:56:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.43 Mbit/s

95th percentile per-packet one-way delay: 2.194 ms

Loss rate: 0.00%

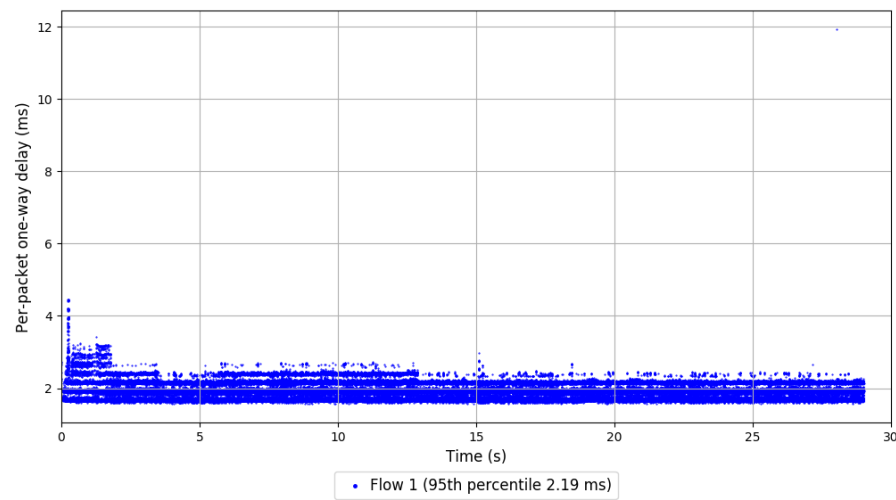
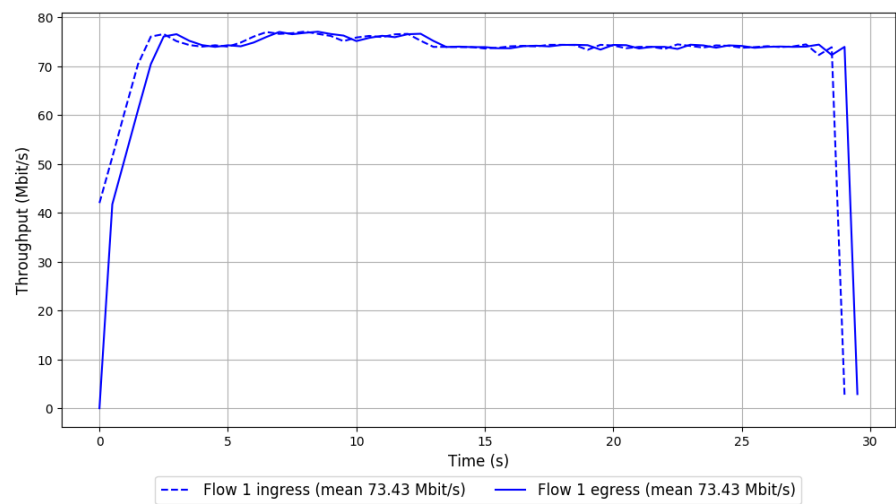
-- Flow 1:

Average throughput: 73.43 Mbit/s

95th percentile per-packet one-way delay: 2.194 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-01-21 06:30:18

End at: 2019-01-21 06:30:48

Local clock offset: -2.386 ms

Remote clock offset: 1.309 ms

Below is generated by plot.py at 2019-01-21 06:56:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.45 Mbit/s

95th percentile per-packet one-way delay: 2.941 ms

Loss rate: 0.01%

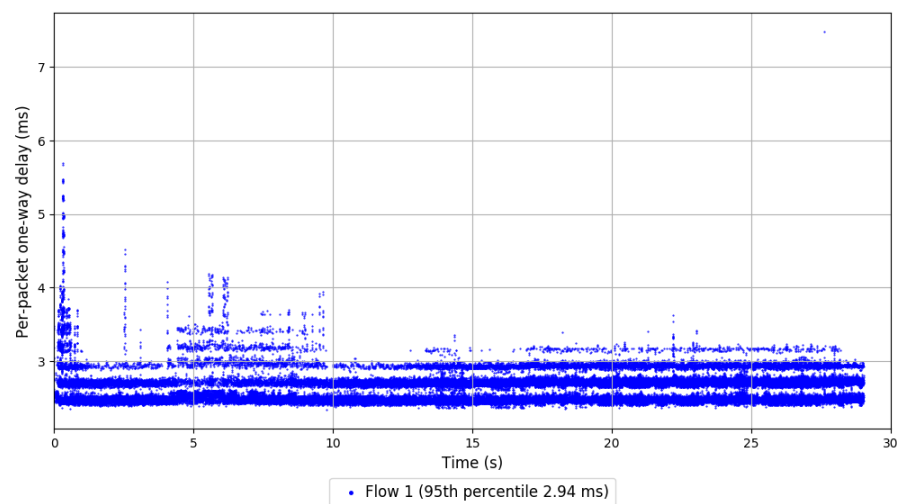
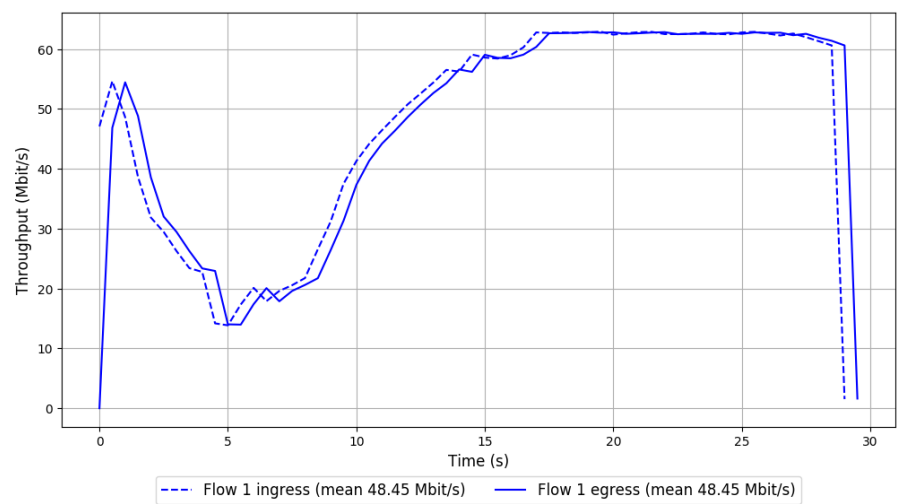
-- Flow 1:

Average throughput: 48.45 Mbit/s

95th percentile per-packet one-way delay: 2.941 ms

Loss rate: 0.01%

Run 5: Report of Indigo-MusesD — Data Link

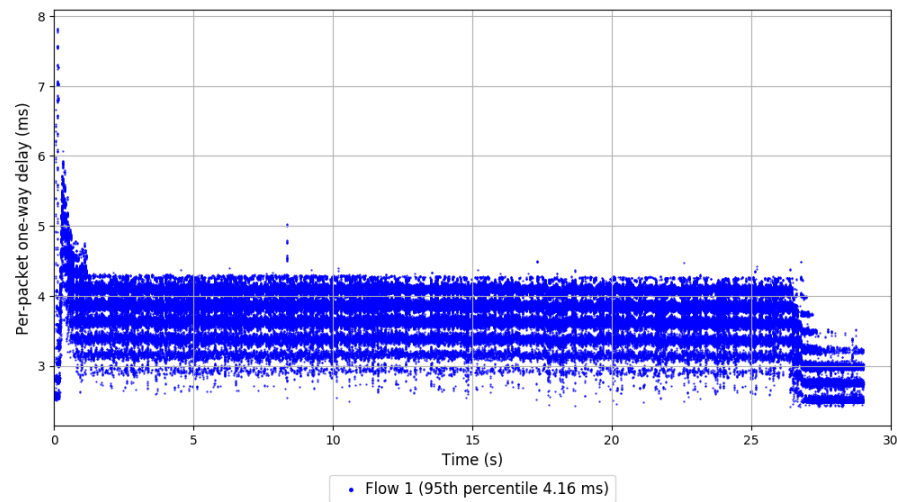
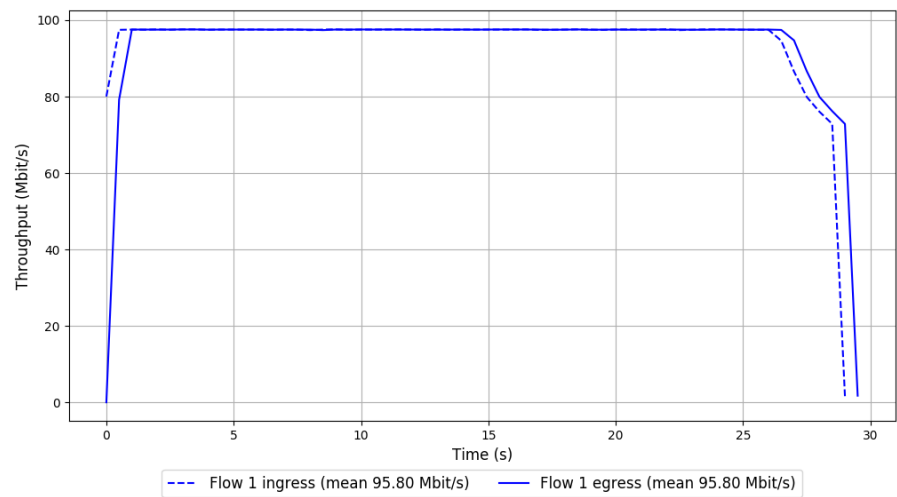


```
Run 1: Statistics of Indigo-MusesT

Start at: 2019-01-21 05:05:33
End at: 2019-01-21 05:06:03
Local clock offset: -5.646 ms
Remote clock offset: 0.768 ms

# Below is generated by plot.py at 2019-01-21 06:57:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 4.159 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 4.159 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-01-21 05:28:57

End at: 2019-01-21 05:29:27

Local clock offset: -4.067 ms

Remote clock offset: 0.856 ms

Below is generated by plot.py at 2019-01-21 06:57:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 5.058 ms

Loss rate: 0.00%

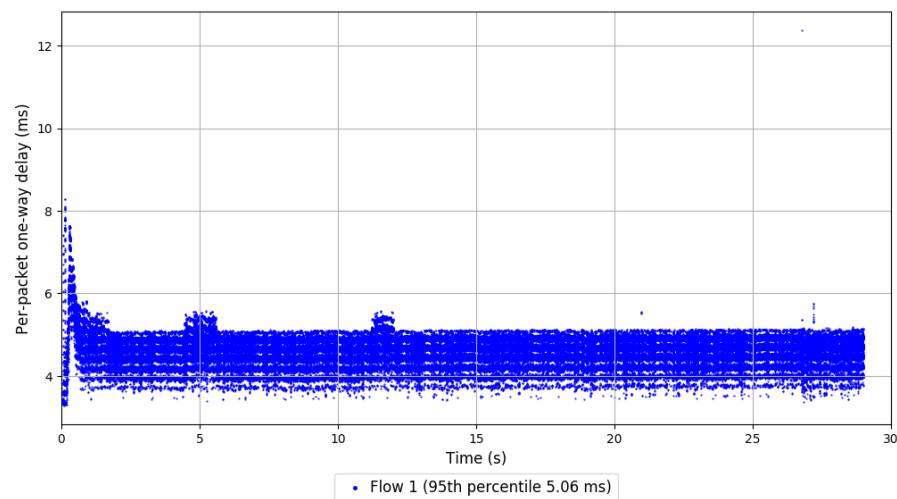
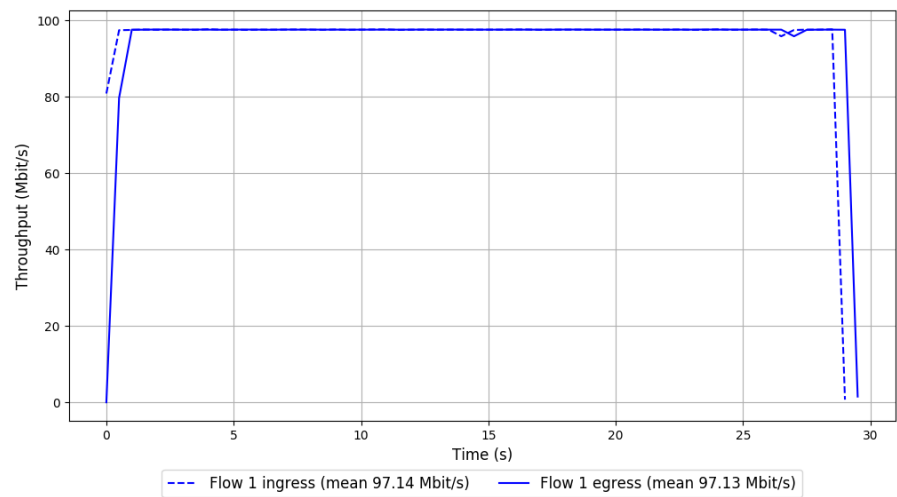
-- Flow 1:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 5.058 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-01-21 05:52:23

End at: 2019-01-21 05:52:53

Local clock offset: -2.316 ms

Remote clock offset: 0.989 ms

Below is generated by plot.py at 2019-01-21 06:57:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 4.185 ms

Loss rate: 0.01%

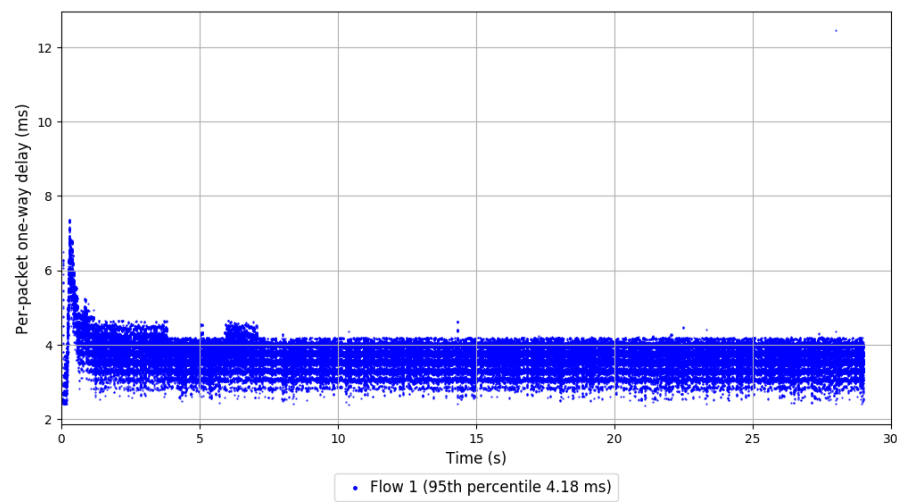
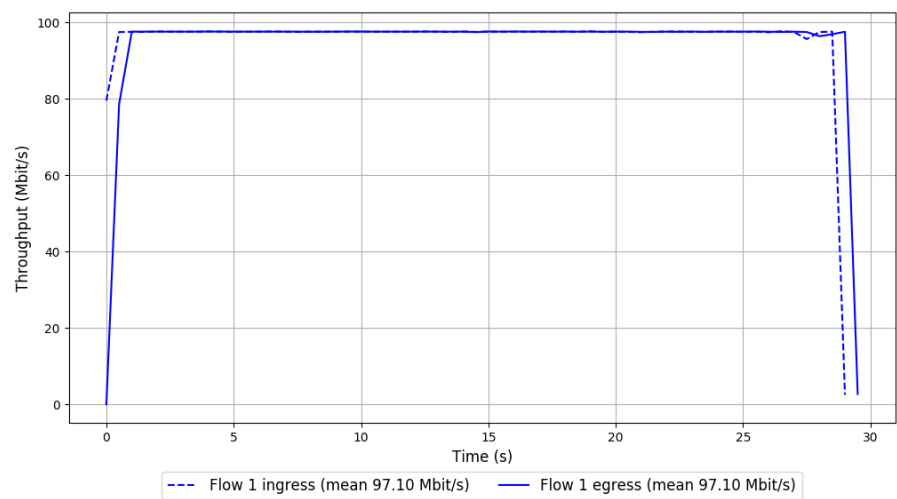
-- Flow 1:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 4.185 ms

Loss rate: 0.01%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-01-21 06:15:47

End at: 2019-01-21 06:16:17

Local clock offset: -3.055 ms

Remote clock offset: 1.222 ms

Below is generated by plot.py at 2019-01-21 06:57:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 4.975 ms

Loss rate: 0.00%

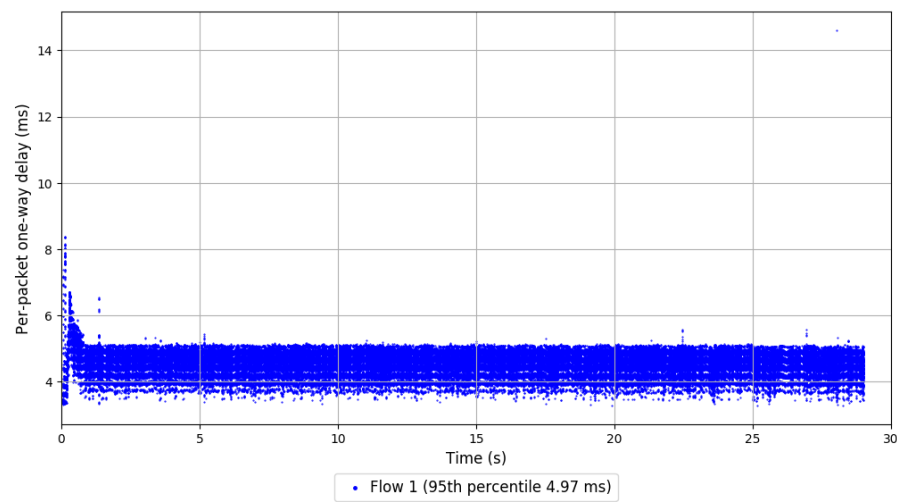
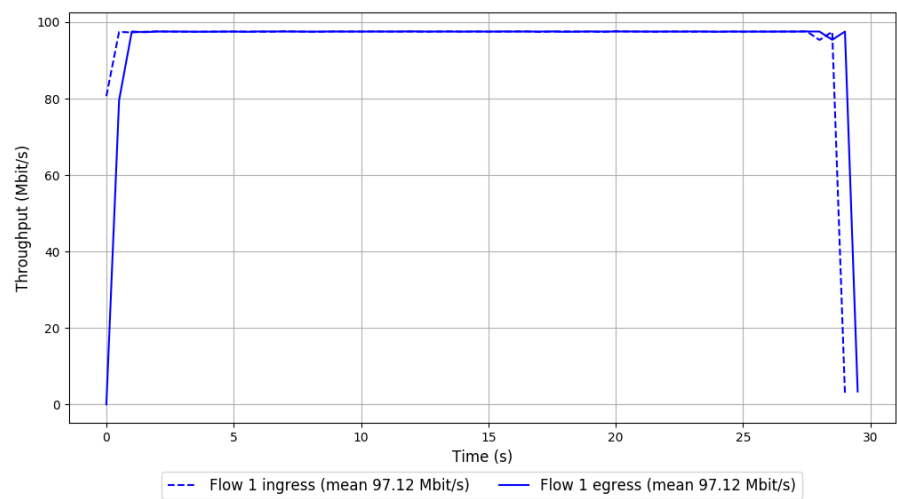
-- Flow 1:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 4.975 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-01-21 06:39:10

End at: 2019-01-21 06:39:40

Local clock offset: -3.15 ms

Remote clock offset: 1.231 ms

Below is generated by plot.py at 2019-01-21 06:57:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.47 Mbit/s

95th percentile per-packet one-way delay: 3.103 ms

Loss rate: 0.00%

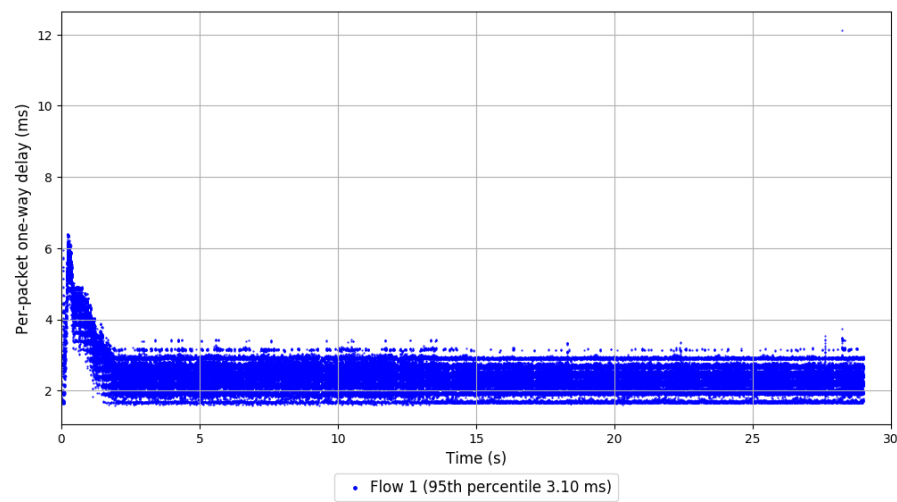
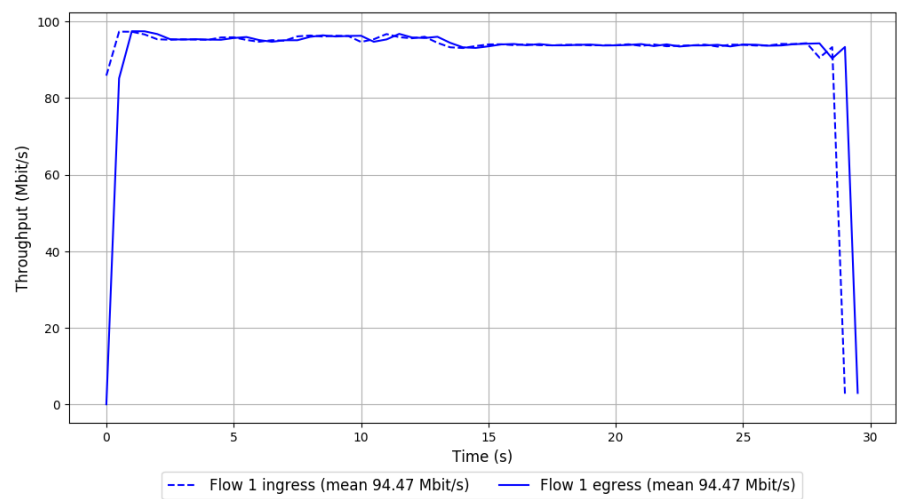
-- Flow 1:

Average throughput: 94.47 Mbit/s

95th percentile per-packet one-way delay: 3.103 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesT — Data Link

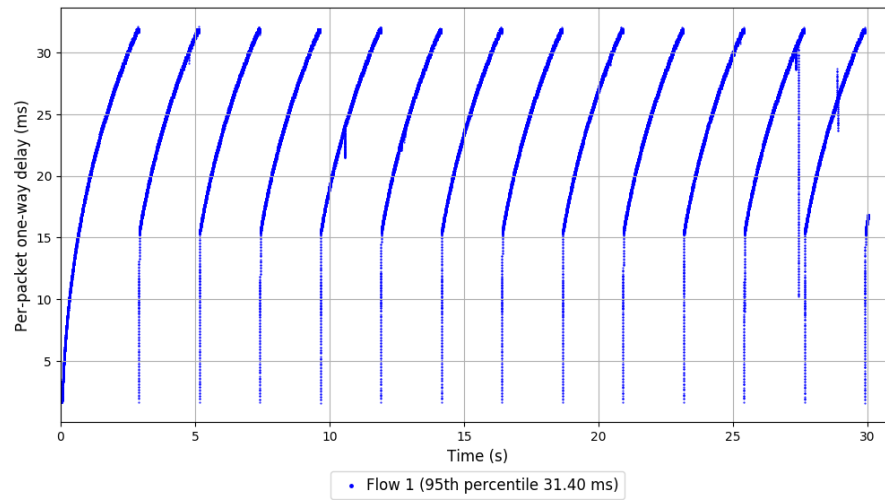
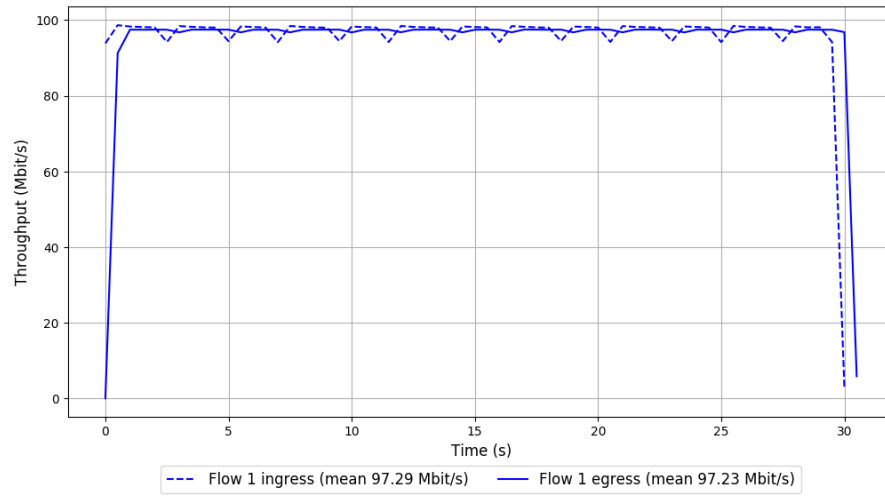


```
Run 1: Statistics of LEDBAT

Start at: 2019-01-21 05:08:56
End at: 2019-01-21 05:09:26
Local clock offset: -6.689 ms
Remote clock offset: 0.816 ms

# Below is generated by plot.py at 2019-01-21 06:57:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 31.402 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 31.402 ms
Loss rate: 0.01%
```

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-01-21 05:32:20

End at: 2019-01-21 05:32:50

Local clock offset: -3.777 ms

Remote clock offset: 0.889 ms

Below is generated by plot.py at 2019-01-21 06:57:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 31.395 ms

Loss rate: 0.01%

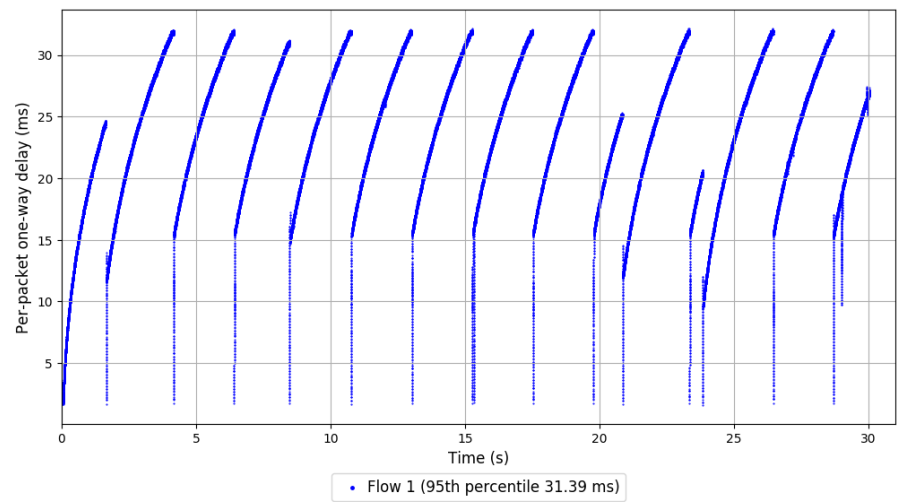
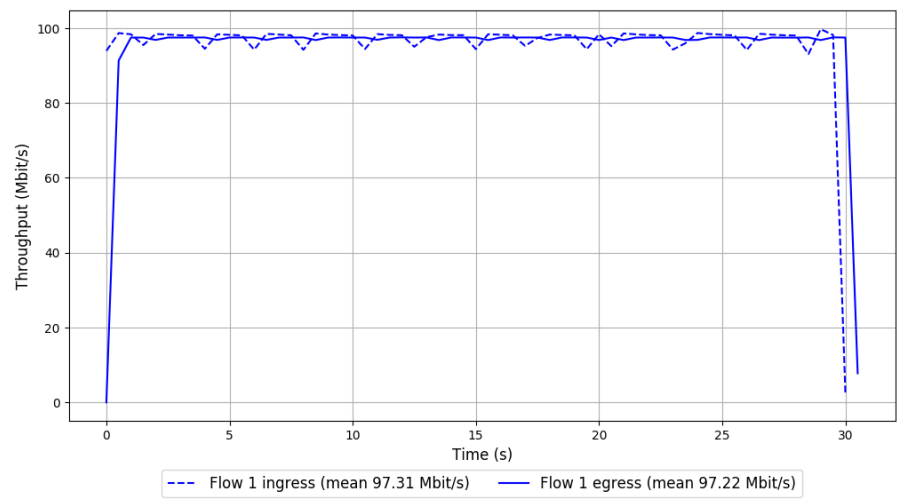
-- Flow 1:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 31.395 ms

Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-01-21 05:55:46

End at: 2019-01-21 05:56:16

Local clock offset: -3.165 ms

Remote clock offset: 1.089 ms

Below is generated by plot.py at 2019-01-21 06:57:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.946 ms

Loss rate: 0.01%

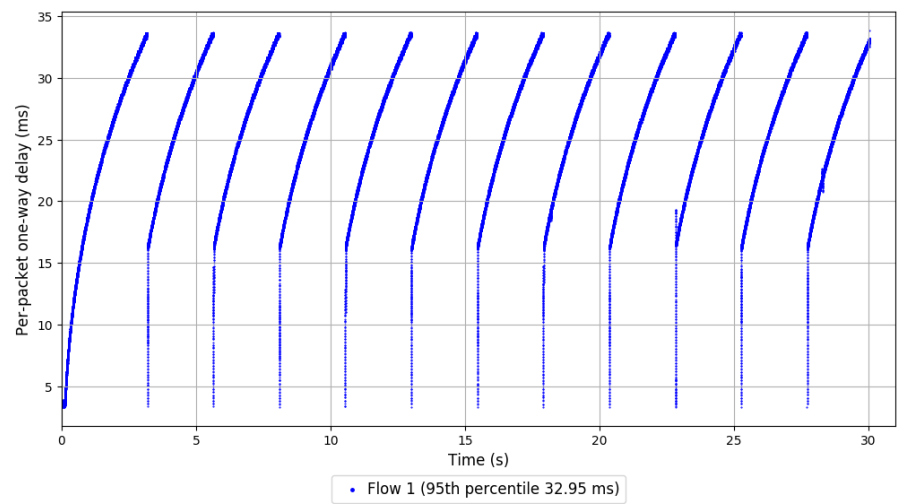
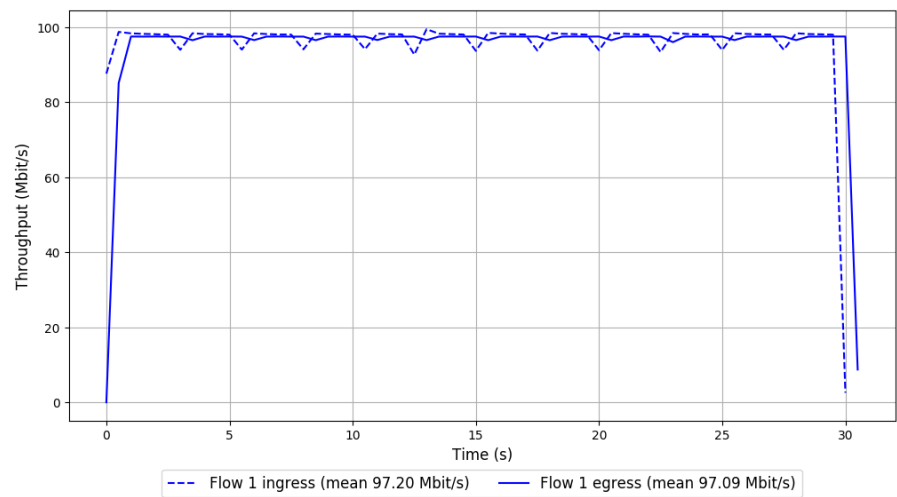
-- Flow 1:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.946 ms

Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-01-21 06:19:10

End at: 2019-01-21 06:19:40

Local clock offset: -2.28 ms

Remote clock offset: 1.283 ms

Below is generated by plot.py at 2019-01-21 06:58:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 30.595 ms

Loss rate: 0.01%

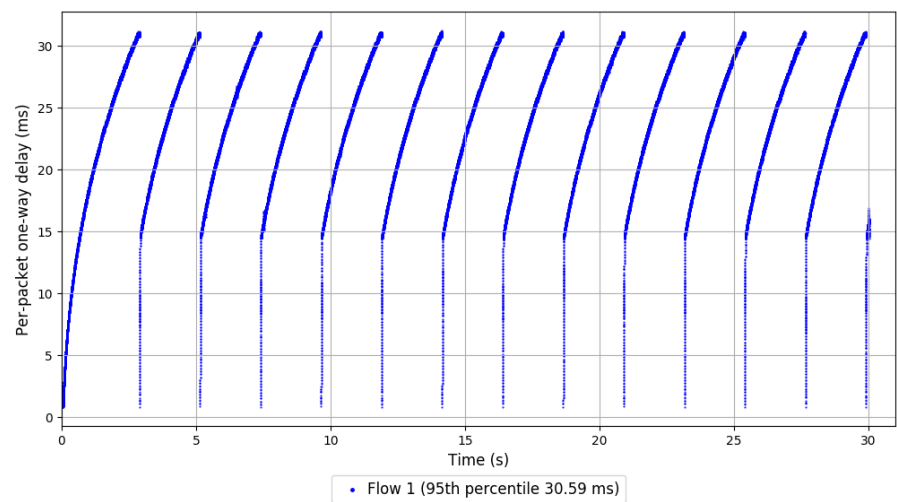
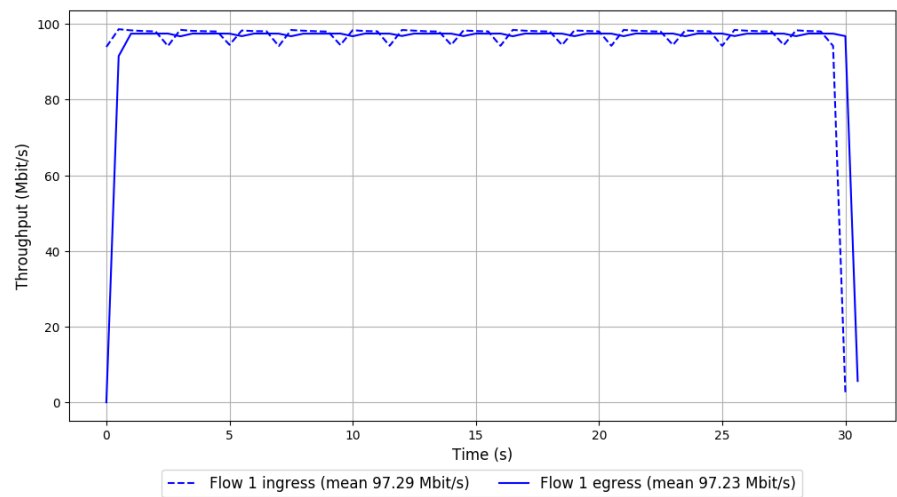
-- Flow 1:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 30.595 ms

Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-01-21 06:42:33

End at: 2019-01-21 06:43:03

Local clock offset: -2.359 ms

Remote clock offset: 1.195 ms

Below is generated by plot.py at 2019-01-21 06:58:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.05 Mbit/s

95th percentile per-packet one-way delay: 32.177 ms

Loss rate: 0.01%

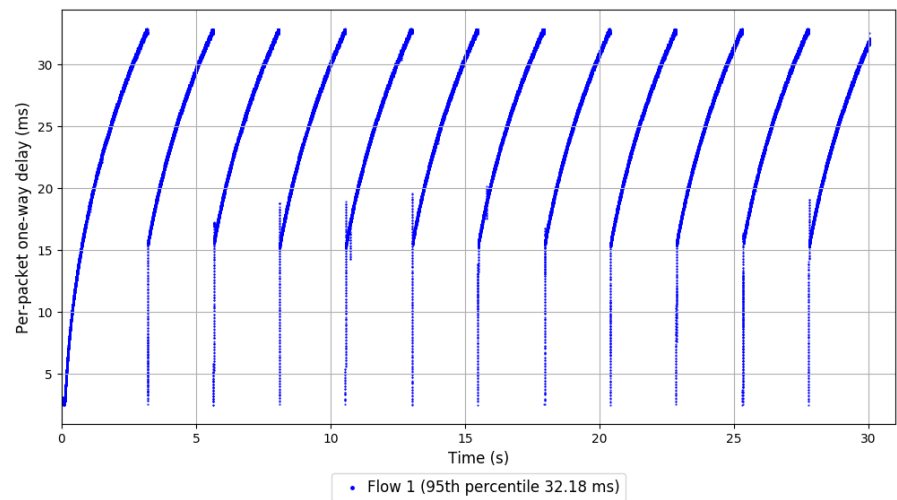
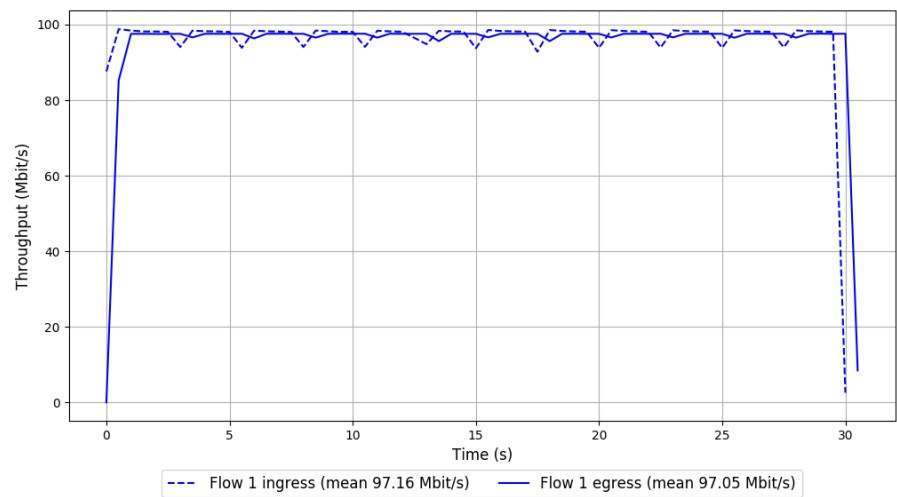
-- Flow 1:

Average throughput: 97.05 Mbit/s

95th percentile per-packet one-way delay: 32.177 ms

Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link

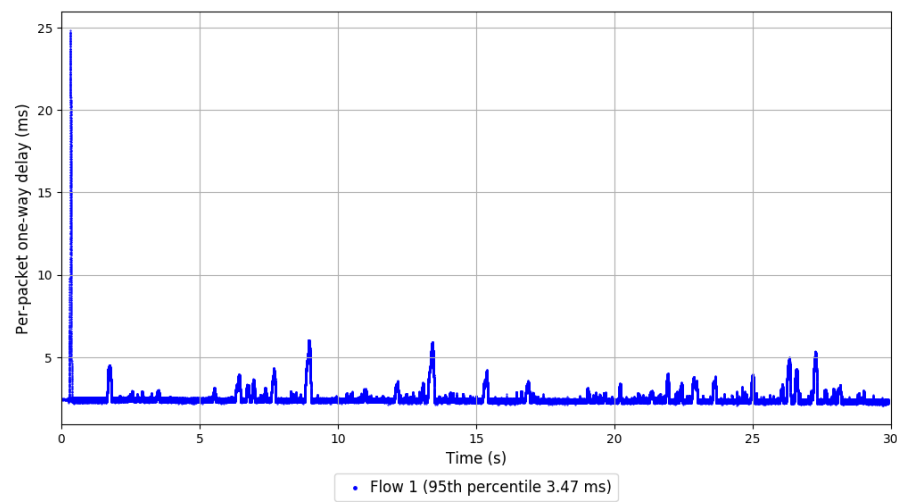
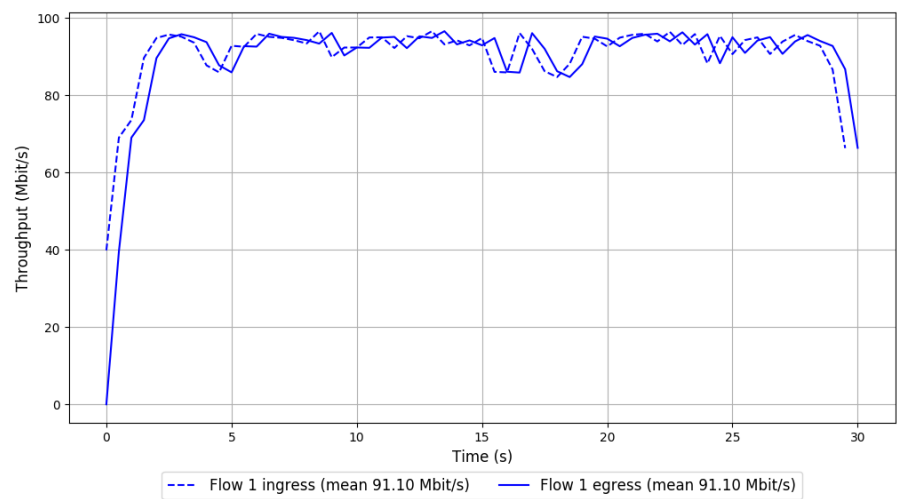


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-01-21 04:53:21
End at: 2019-01-21 04:53:51
Local clock offset: -3.576 ms
Remote clock offset: 0.688 ms

# Below is generated by plot.py at 2019-01-21 06:58:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 3.469 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 3.469 ms
Loss rate: 0.01%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-01-21 05:16:45

End at: 2019-01-21 05:17:15

Local clock offset: -6.903 ms

Remote clock offset: 0.869 ms

Below is generated by plot.py at 2019-01-21 06:58:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.27 Mbit/s

95th percentile per-packet one-way delay: 2.172 ms

Loss rate: 0.00%

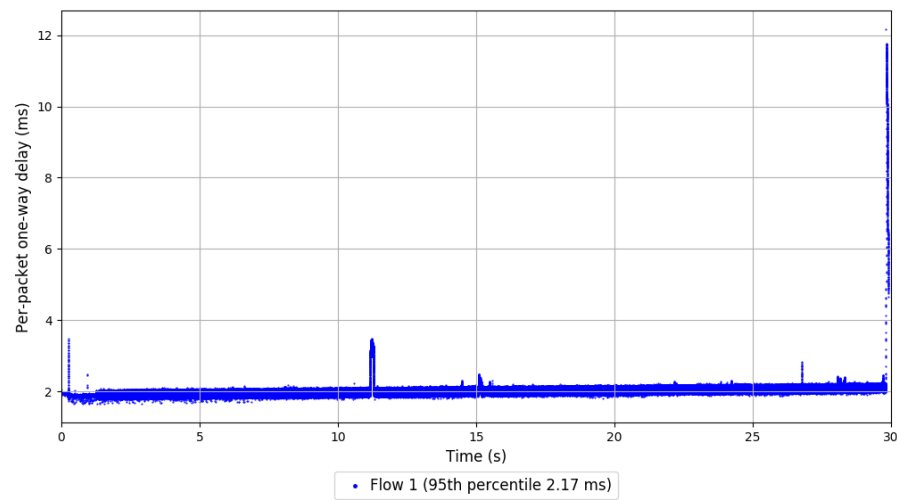
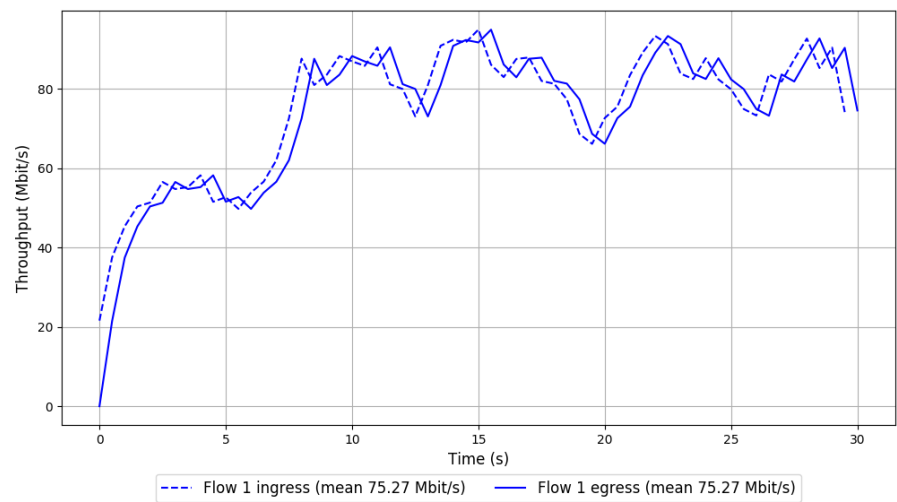
-- Flow 1:

Average throughput: 75.27 Mbit/s

95th percentile per-packet one-way delay: 2.172 ms

Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-01-21 05:40:09

End at: 2019-01-21 05:40:39

Local clock offset: -3.32 ms

Remote clock offset: 0.886 ms

Below is generated by plot.py at 2019-01-21 06:58:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.17 Mbit/s

95th percentile per-packet one-way delay: 2.707 ms

Loss rate: 0.00%

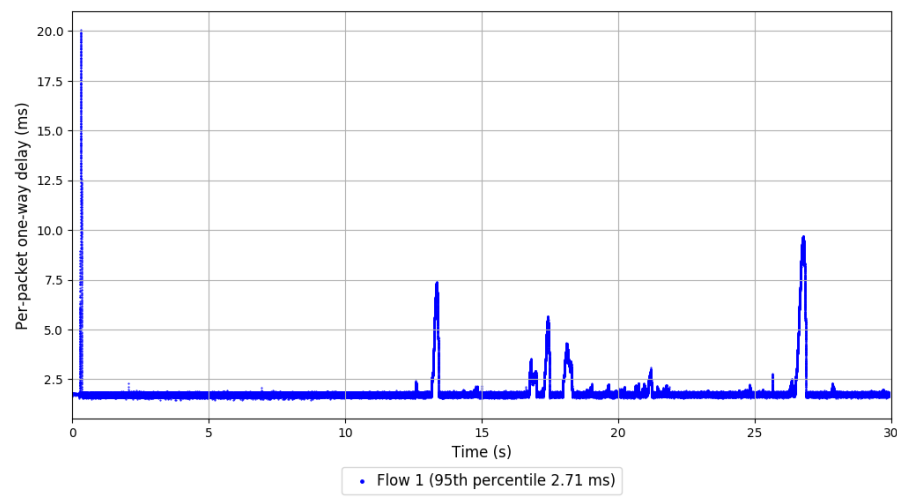
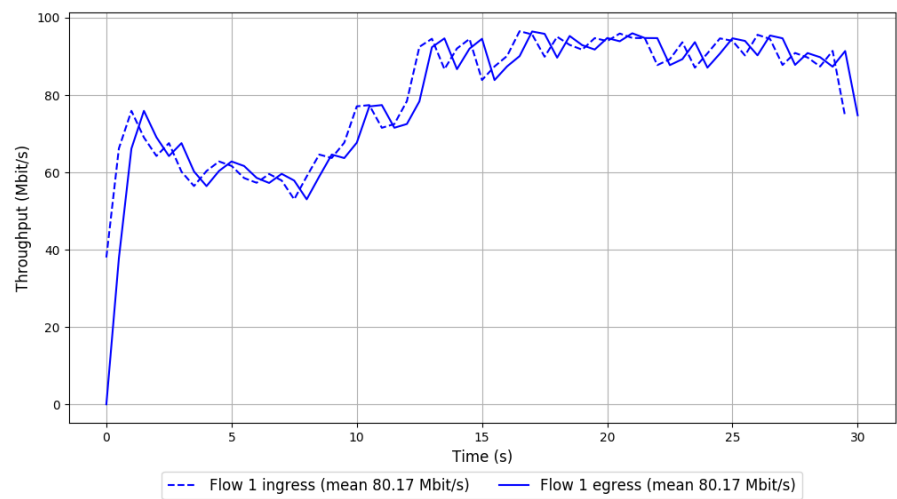
-- Flow 1:

Average throughput: 80.17 Mbit/s

95th percentile per-packet one-way delay: 2.707 ms

Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-01-21 06:03:35

End at: 2019-01-21 06:04:05

Local clock offset: -2.303 ms

Remote clock offset: 1.066 ms

Below is generated by plot.py at 2019-01-21 06:58:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.65 Mbit/s

95th percentile per-packet one-way delay: 3.260 ms

Loss rate: 0.00%

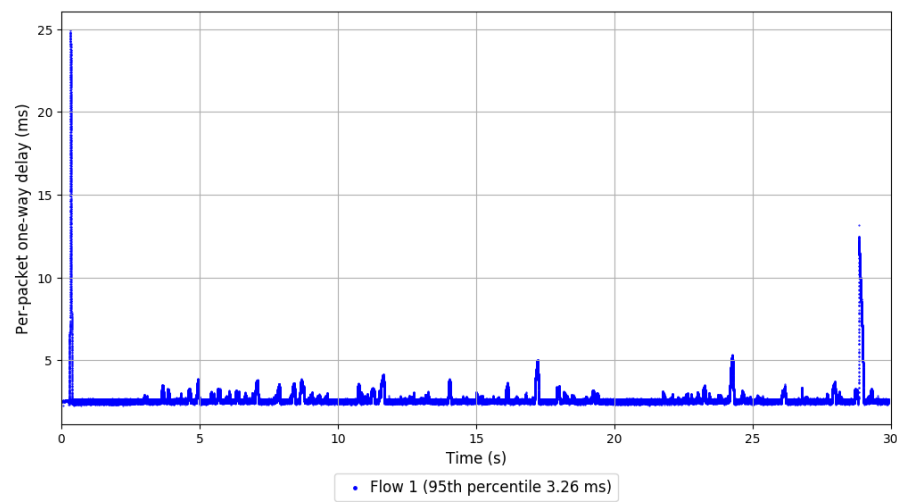
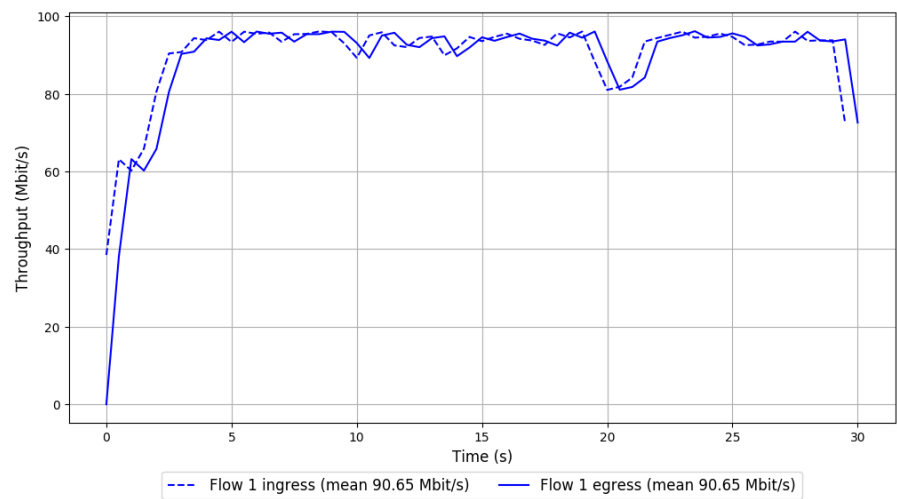
-- Flow 1:

Average throughput: 90.65 Mbit/s

95th percentile per-packet one-way delay: 3.260 ms

Loss rate: 0.00%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-01-21 06:26:58

End at: 2019-01-21 06:27:28

Local clock offset: -2.342 ms

Remote clock offset: 1.396 ms

Below is generated by plot.py at 2019-01-21 06:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.02 Mbit/s

95th percentile per-packet one-way delay: 3.701 ms

Loss rate: 0.01%

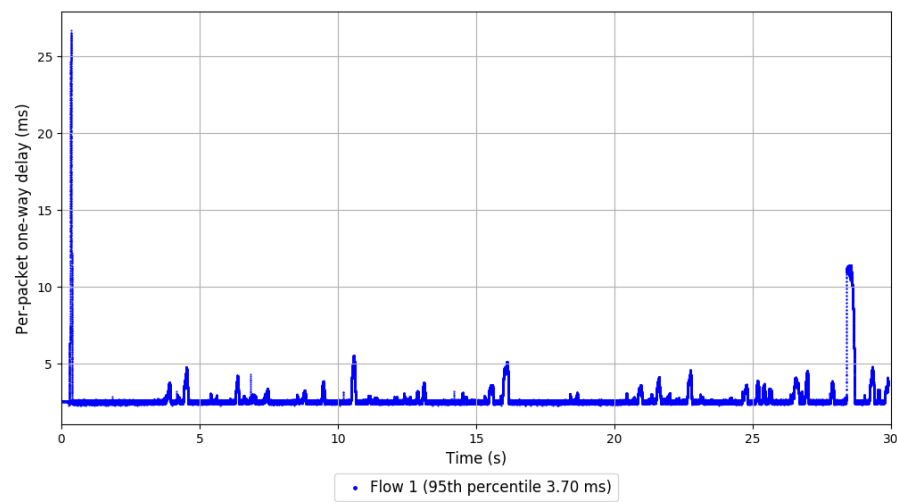
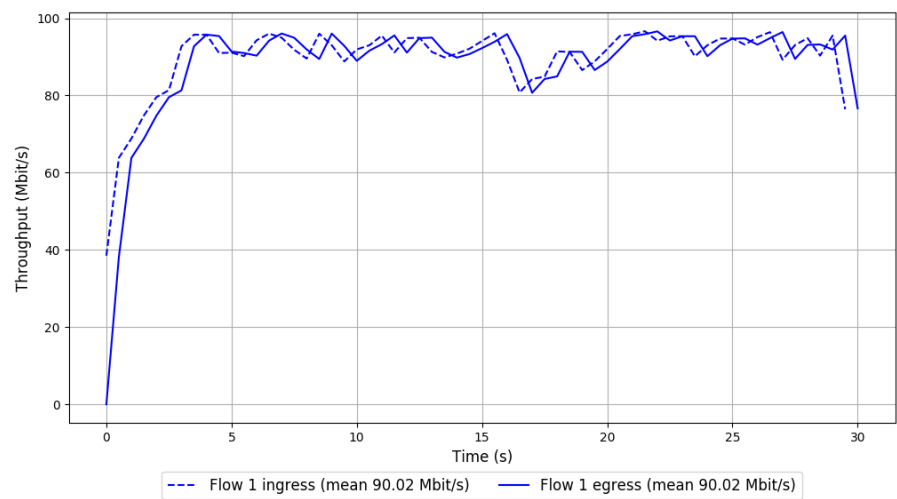
-- Flow 1:

Average throughput: 90.02 Mbit/s

95th percentile per-packet one-way delay: 3.701 ms

Loss rate: 0.01%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

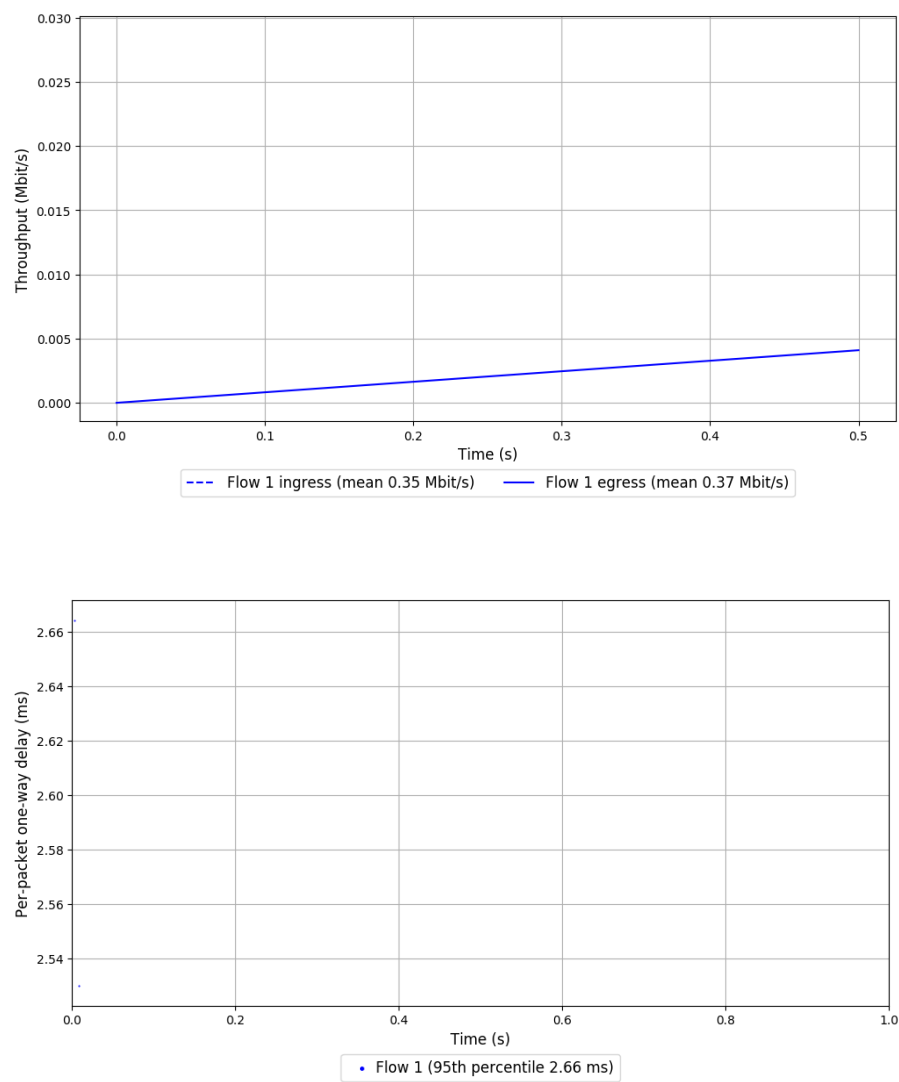
Start at: 2019-01-21 04:54:28

End at: 2019-01-21 04:54:58

Local clock offset: -3.972 ms

Remote clock offset: 0.698 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2019-01-21 05:17:51

End at: 2019-01-21 05:18:21

Local clock offset: -5.623 ms

Remote clock offset: 0.909 ms

Below is generated by plot.py at 2019-01-21 06:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.19 Mbit/s

95th percentile per-packet one-way delay: 16.207 ms

Loss rate: 41.47%

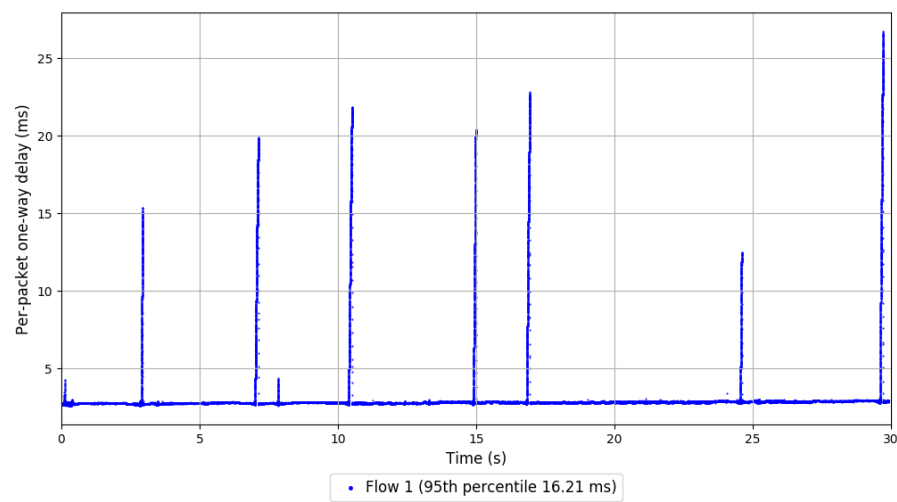
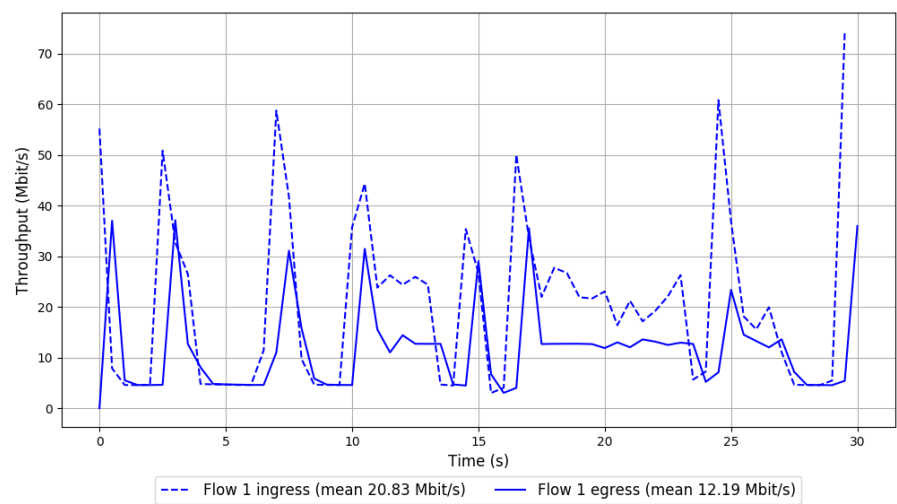
-- Flow 1:

Average throughput: 12.19 Mbit/s

95th percentile per-packet one-way delay: 16.207 ms

Loss rate: 41.47%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2019-01-21 05:41:15

End at: 2019-01-21 05:41:45

Local clock offset: -2.437 ms

Remote clock offset: 0.979 ms

Below is generated by plot.py at 2019-01-21 06:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.10 Mbit/s

95th percentile per-packet one-way delay: 2.643 ms

Loss rate: 19.61%

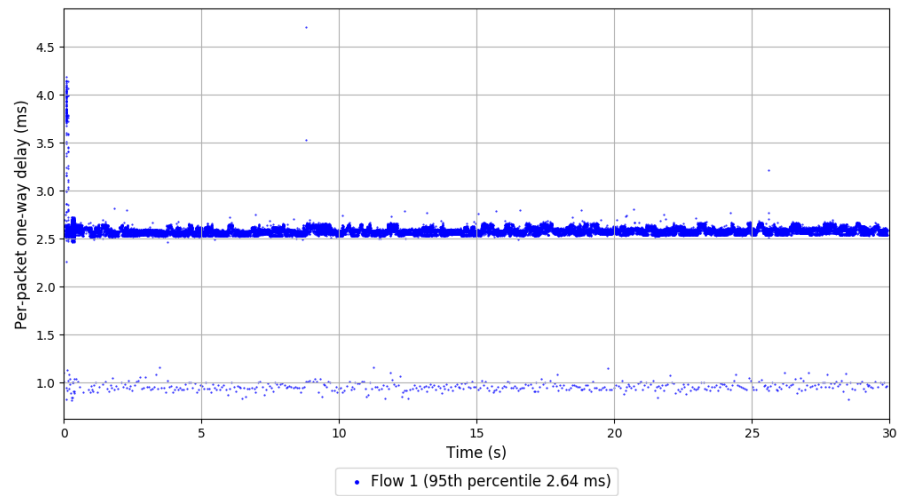
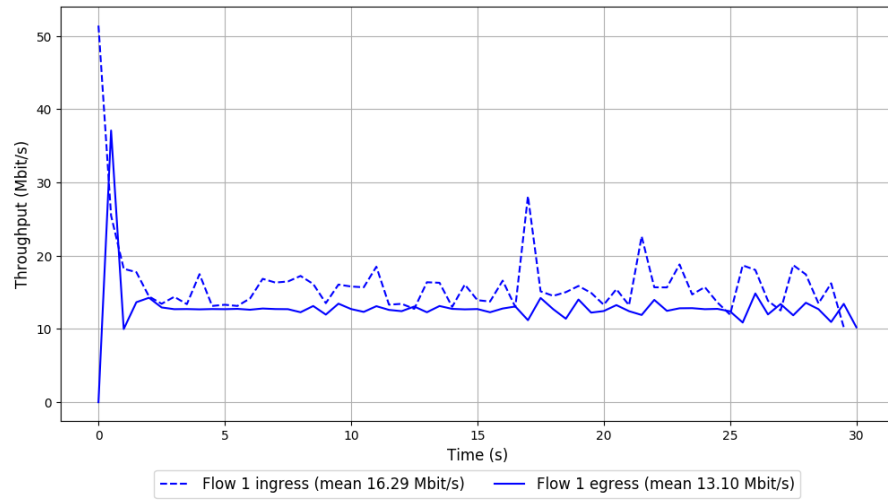
-- Flow 1:

Average throughput: 13.10 Mbit/s

95th percentile per-packet one-way delay: 2.643 ms

Loss rate: 19.61%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2019-01-21 06:04:42

End at: 2019-01-21 06:05:12

Local clock offset: -2.293 ms

Remote clock offset: 1.071 ms

Below is generated by plot.py at 2019-01-21 06:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.79 Mbit/s

95th percentile per-packet one-way delay: 15.025 ms

Loss rate: 24.20%

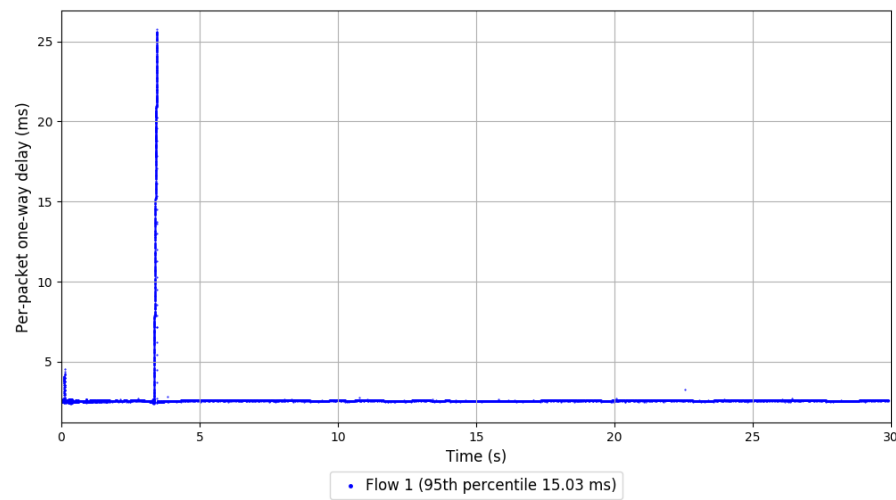
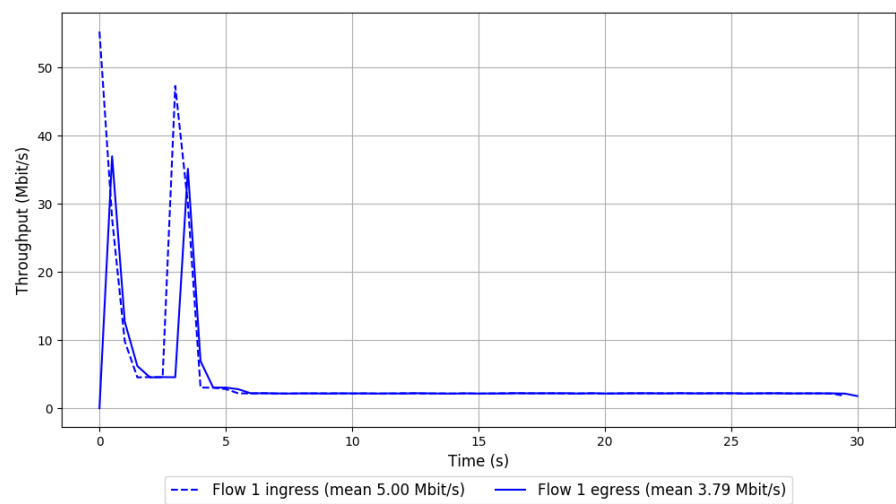
-- Flow 1:

Average throughput: 3.79 Mbit/s

95th percentile per-packet one-way delay: 15.025 ms

Loss rate: 24.20%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2019-01-21 06:28:05

End at: 2019-01-21 06:28:35

Local clock offset: -2.359 ms

Remote clock offset: 1.437 ms

Below is generated by plot.py at 2019-01-21 06:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.28 Mbit/s

95th percentile per-packet one-way delay: 8.610 ms

Loss rate: 22.35%

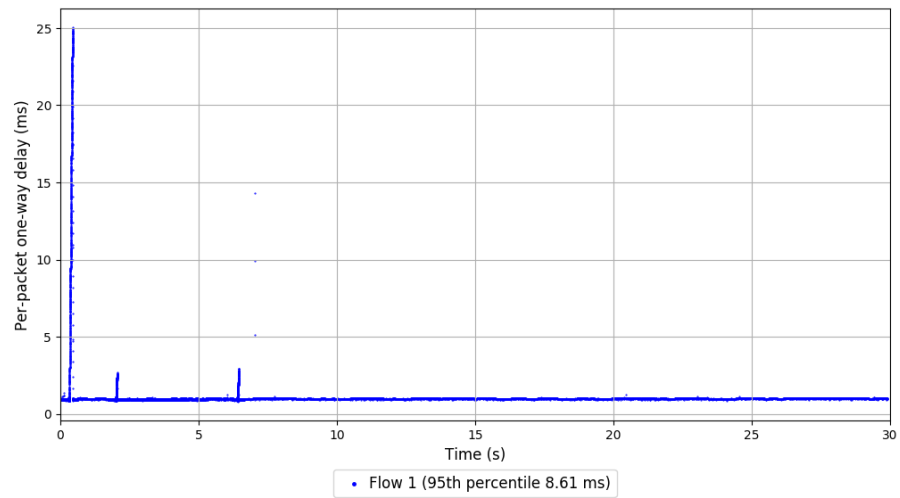
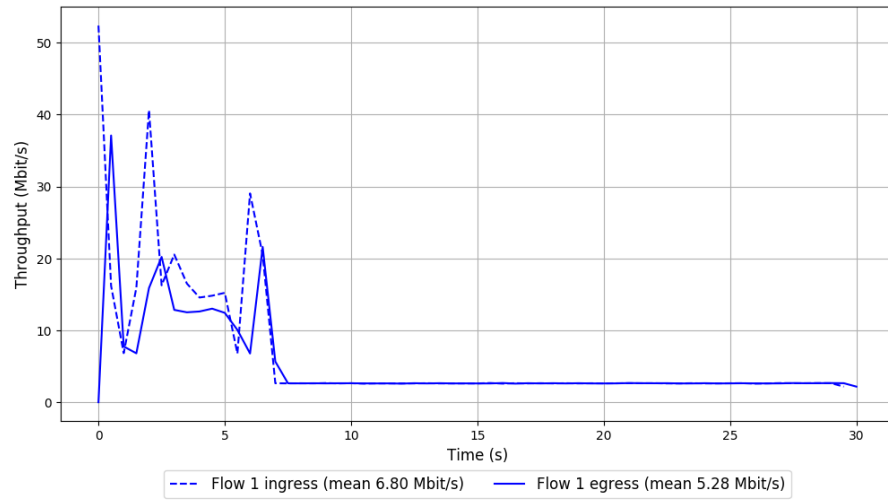
-- Flow 1:

Average throughput: 5.28 Mbit/s

95th percentile per-packet one-way delay: 8.610 ms

Loss rate: 22.35%

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-01-21 05:02:14

End at: 2019-01-21 05:02:44

Local clock offset: -6.08 ms

Remote clock offset: 0.76 ms

Below is generated by plot.py at 2019-01-21 06:59:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.24 Mbit/s

95th percentile per-packet one-way delay: 13.172 ms

Loss rate: 0.29%

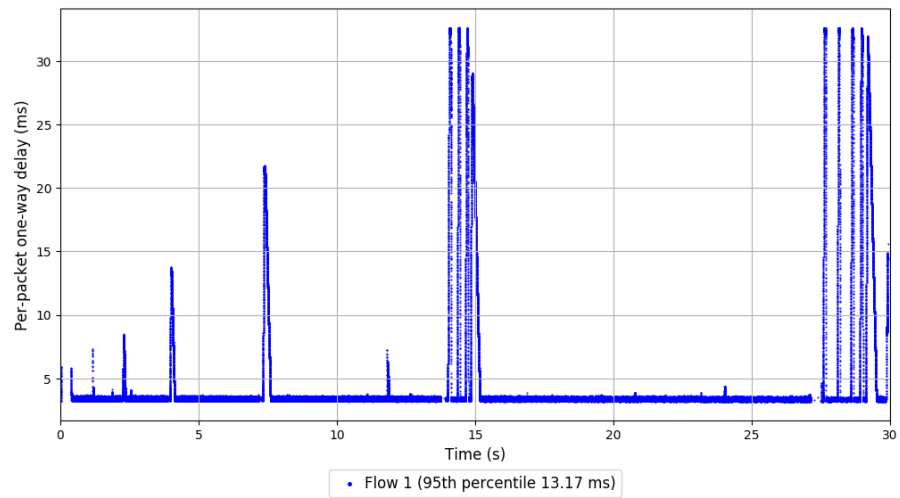
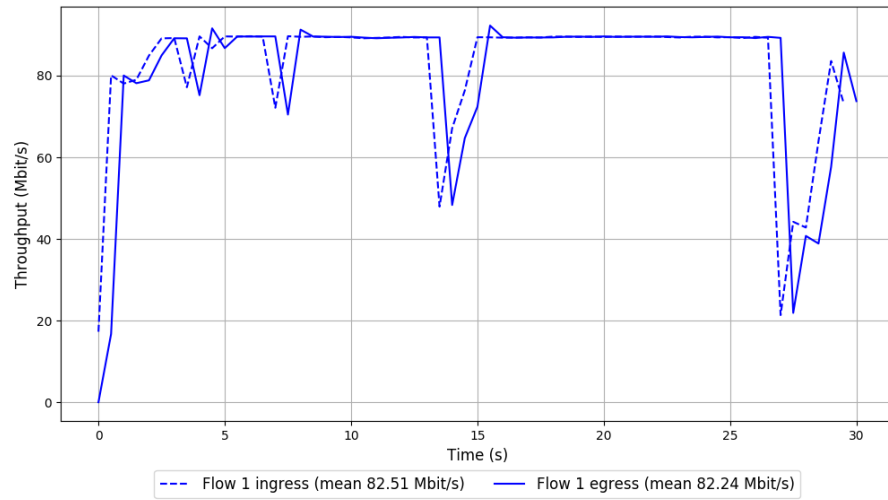
-- Flow 1:

Average throughput: 82.24 Mbit/s

95th percentile per-packet one-way delay: 13.172 ms

Loss rate: 0.29%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-01-21 05:25:37

End at: 2019-01-21 05:26:07

Local clock offset: -3.733 ms

Remote clock offset: 0.932 ms

Below is generated by plot.py at 2019-01-21 06:59:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.12 Mbit/s

95th percentile per-packet one-way delay: 5.110 ms

Loss rate: 0.37%

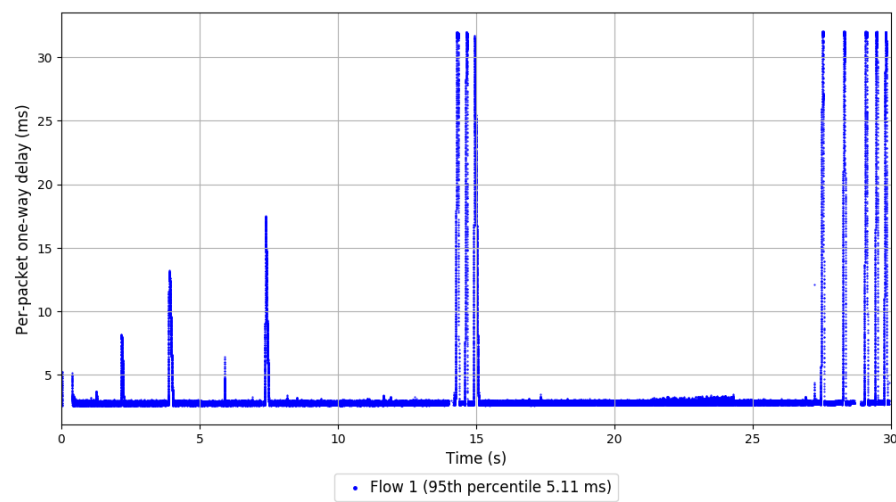
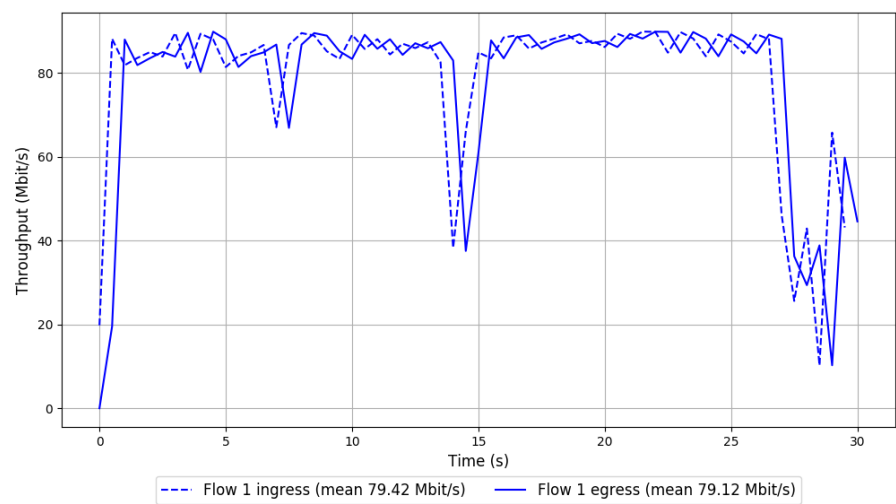
-- Flow 1:

Average throughput: 79.12 Mbit/s

95th percentile per-packet one-way delay: 5.110 ms

Loss rate: 0.37%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-01-21 05:49:04

End at: 2019-01-21 05:49:34

Local clock offset: -2.323 ms

Remote clock offset: 0.969 ms

Below is generated by plot.py at 2019-01-21 06:59:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.21 Mbit/s

95th percentile per-packet one-way delay: 2.277 ms

Loss rate: 0.29%

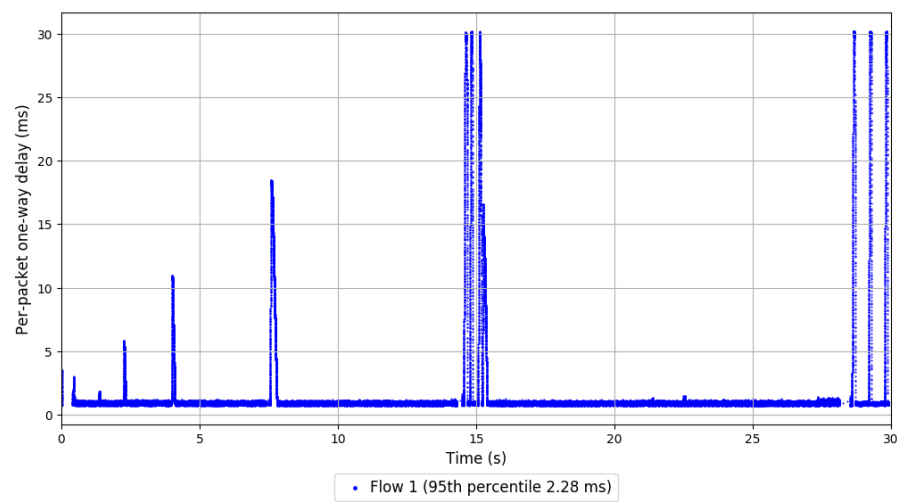
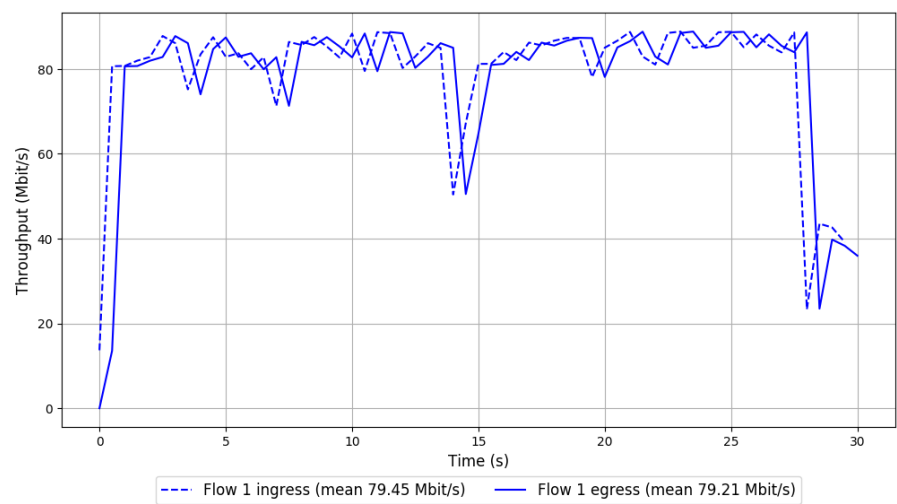
-- Flow 1:

Average throughput: 79.21 Mbit/s

95th percentile per-packet one-way delay: 2.277 ms

Loss rate: 0.29%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-01-21 06:12:28

End at: 2019-01-21 06:12:58

Local clock offset: -3.043 ms

Remote clock offset: 1.208 ms

Below is generated by plot.py at 2019-01-21 06:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.82 Mbit/s

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

Loss rate: 0.22%

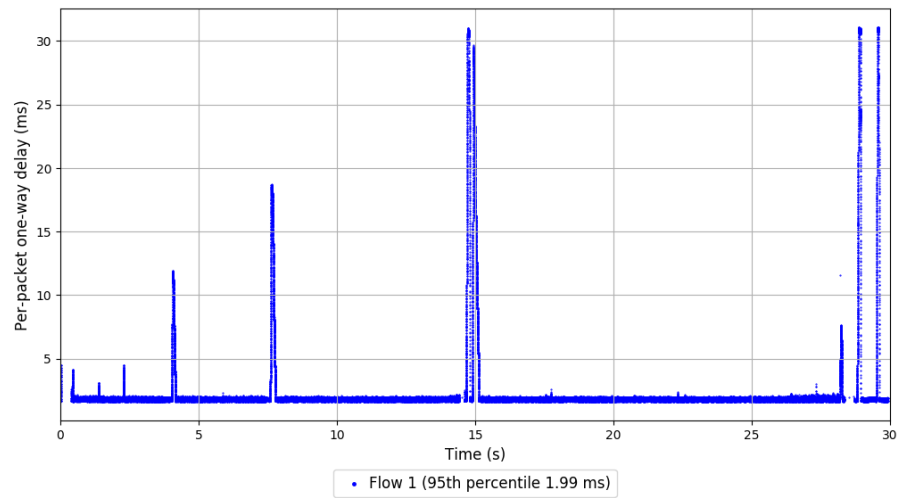
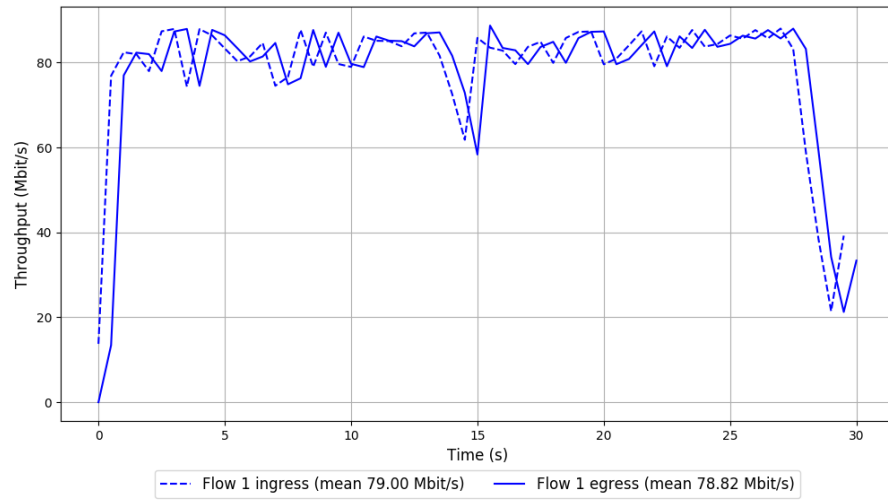
-- Flow 1:

Average throughput: 78.82 Mbit/s

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

Loss rate: 0.22%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-01-21 06:35:51

End at: 2019-01-21 06:36:21

Local clock offset: -2.337 ms

Remote clock offset: 1.274 ms

Below is generated by plot.py at 2019-01-21 06:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.50 Mbit/s

95th percentile per-packet one-way delay: 2.763 ms

Loss rate: 0.28%

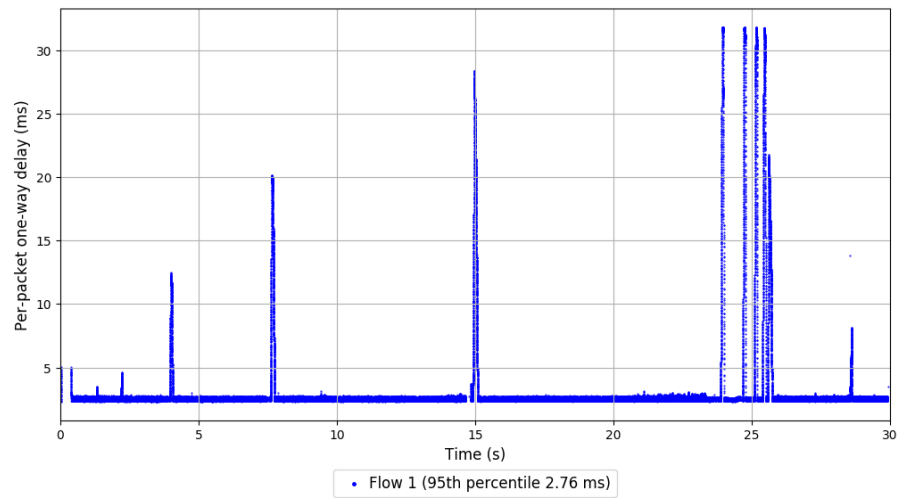
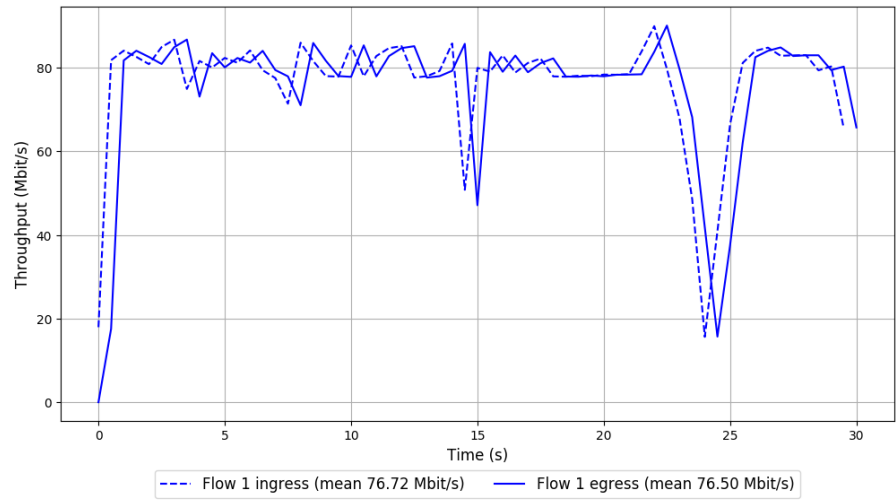
-- Flow 1:

Average throughput: 76.50 Mbit/s

95th percentile per-packet one-way delay: 2.763 ms

Loss rate: 0.28%

Run 5: Report of QUIC Cubic — Data Link

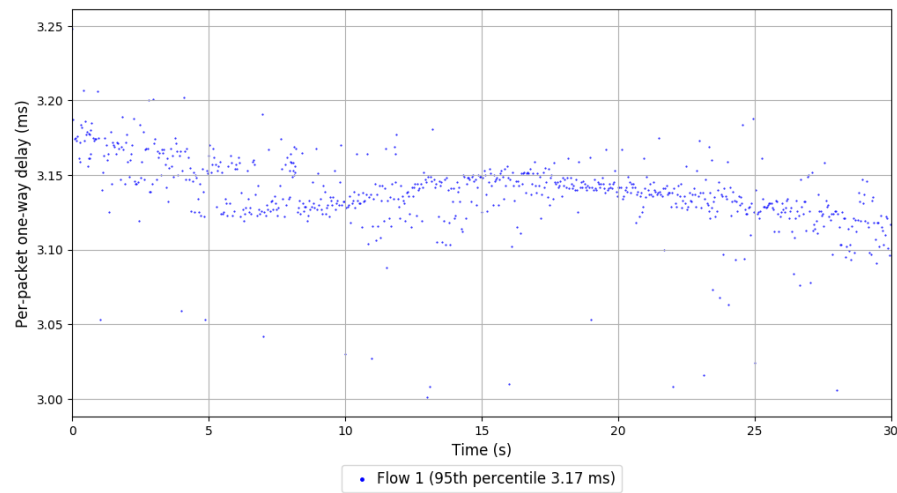
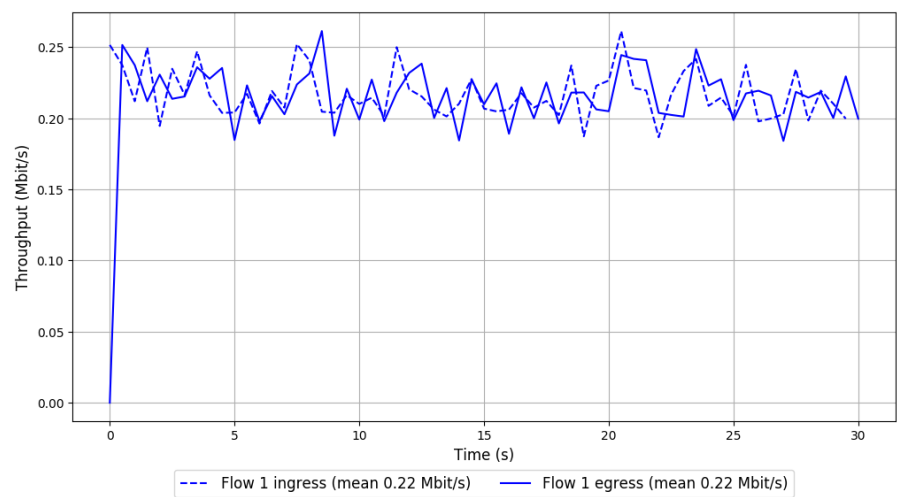


```
Run 1: Statistics of SCReAM

Start at: 2019-01-21 05:03:22
End at: 2019-01-21 05:03:52
Local clock offset: -6.177 ms
Remote clock offset: 0.581 ms

# Below is generated by plot.py at 2019-01-21 06:59:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.174 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.174 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-01-21 05:26:45

End at: 2019-01-21 05:27:15

Local clock offset: -4.427 ms

Remote clock offset: 0.806 ms

Below is generated by plot.py at 2019-01-21 06:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.872 ms

Loss rate: 0.00%

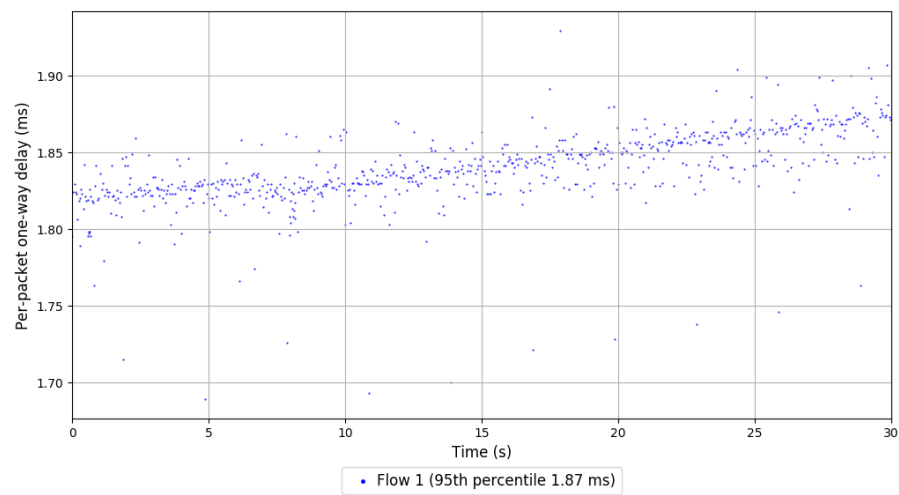
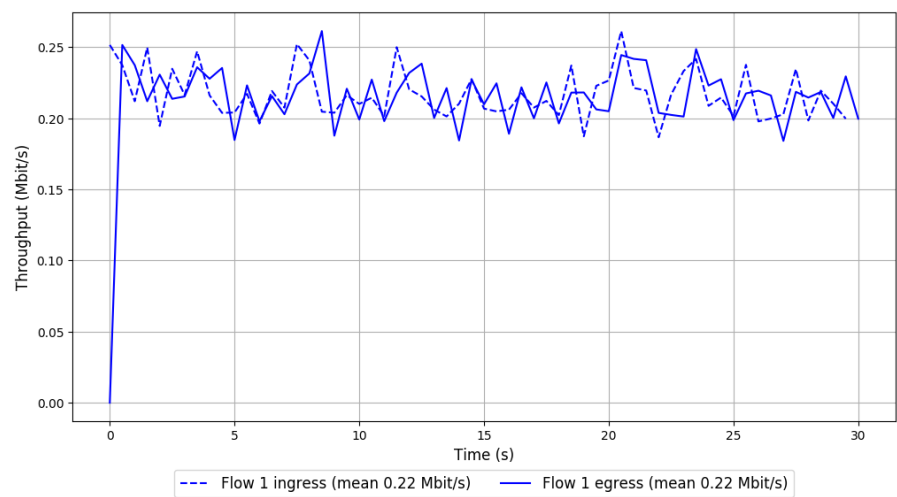
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.872 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-01-21 05:50:12

End at: 2019-01-21 05:50:42

Local clock offset: -2.308 ms

Remote clock offset: 1.031 ms

Below is generated by plot.py at 2019-01-21 06:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 0.949 ms

Loss rate: 0.00%

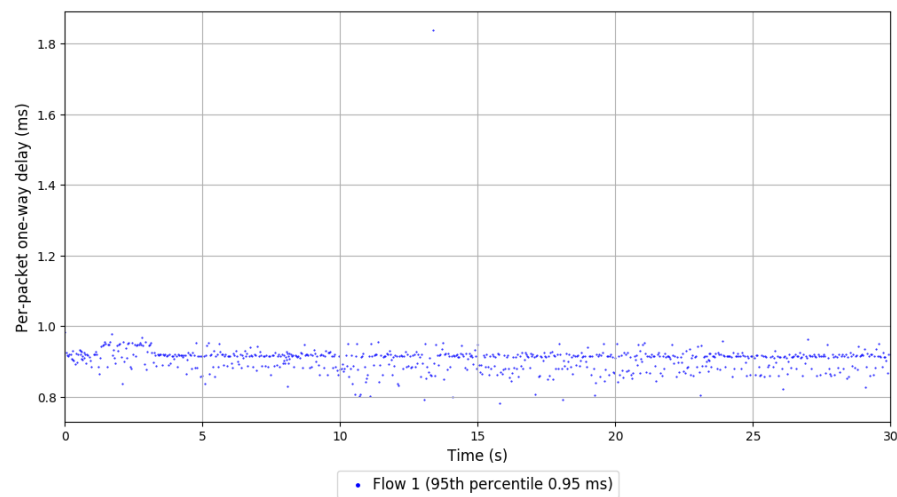
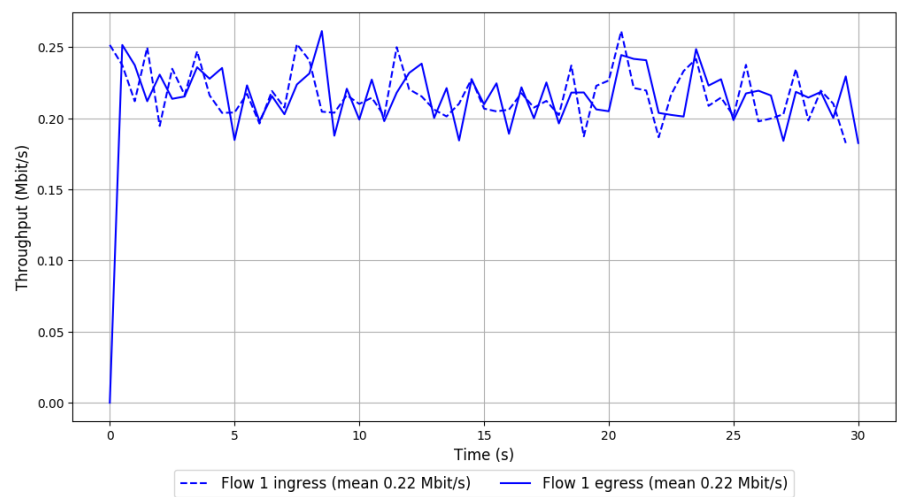
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 0.949 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-01-21 06:13:35

End at: 2019-01-21 06:14:05

Local clock offset: -2.247 ms

Remote clock offset: 1.184 ms

Below is generated by plot.py at 2019-01-21 06:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.613 ms

Loss rate: 0.00%

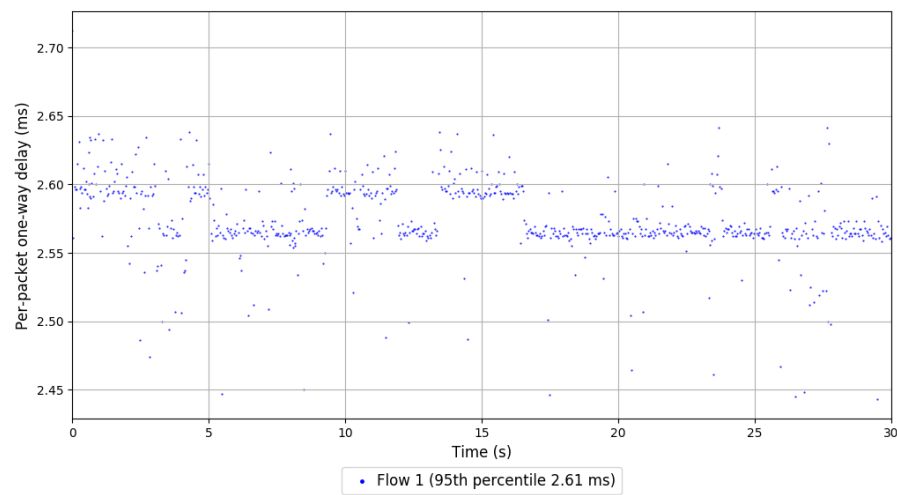
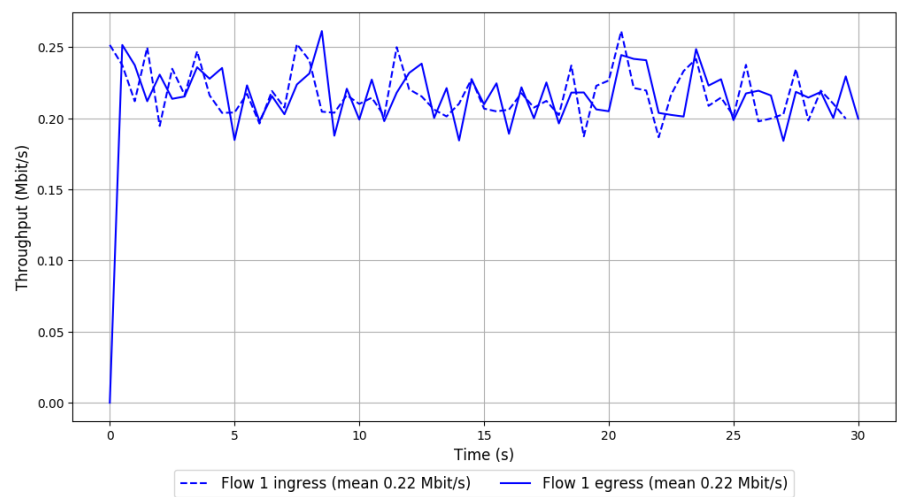
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.613 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-01-21 06:36:58

End at: 2019-01-21 06:37:28

Local clock offset: -2.381 ms

Remote clock offset: 1.279 ms

Below is generated by plot.py at 2019-01-21 06:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.629 ms

Loss rate: 0.00%

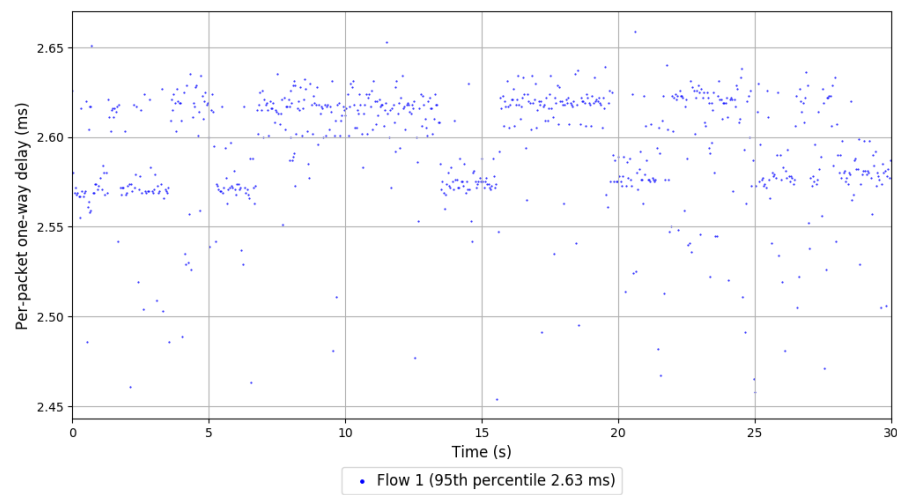
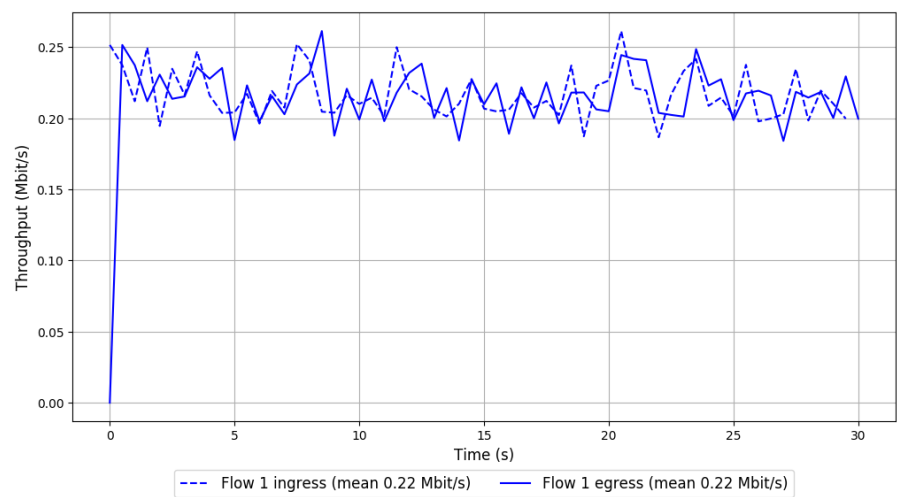
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.629 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-01-21 05:11:14

End at: 2019-01-21 05:11:44

Local clock offset: -6.846 ms

Remote clock offset: 0.794 ms

Below is generated by plot.py at 2019-01-21 06:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.31 Mbit/s

95th percentile per-packet one-way delay: 11.167 ms

Loss rate: 0.00%

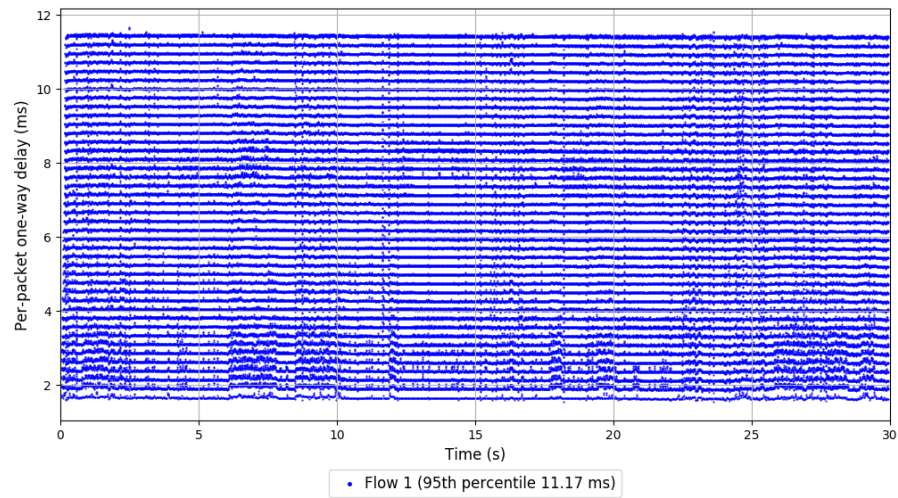
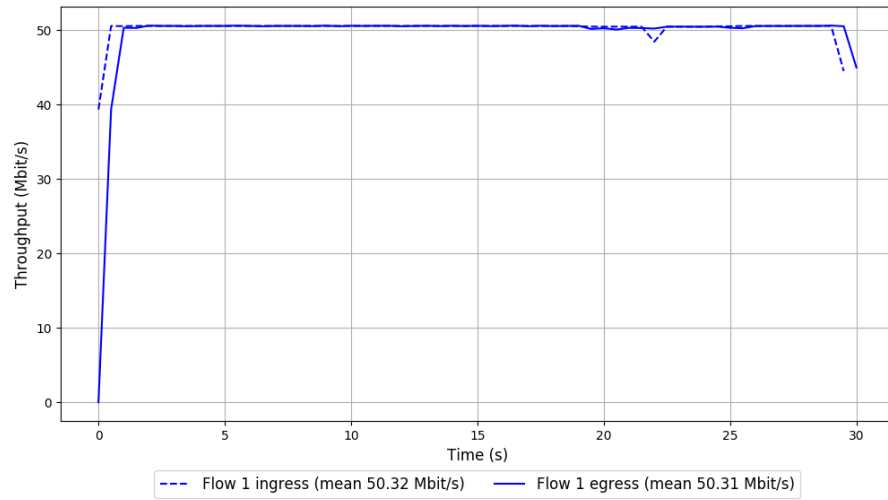
-- Flow 1:

Average throughput: 50.31 Mbit/s

95th percentile per-packet one-way delay: 11.167 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2019-01-21 05:34:38

End at: 2019-01-21 05:35:08

Local clock offset: -3.593 ms

Remote clock offset: 0.877 ms

Below is generated by plot.py at 2019-01-21 06:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.35 Mbit/s

95th percentile per-packet one-way delay: 12.763 ms

Loss rate: 0.00%

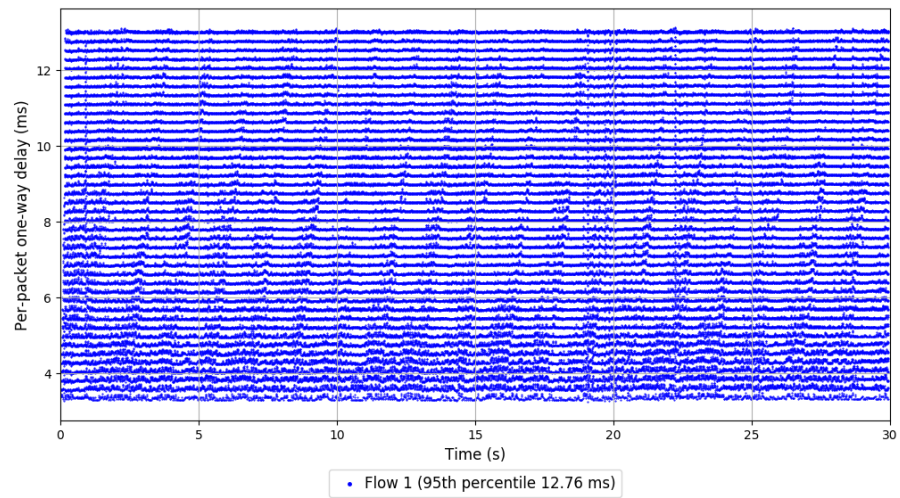
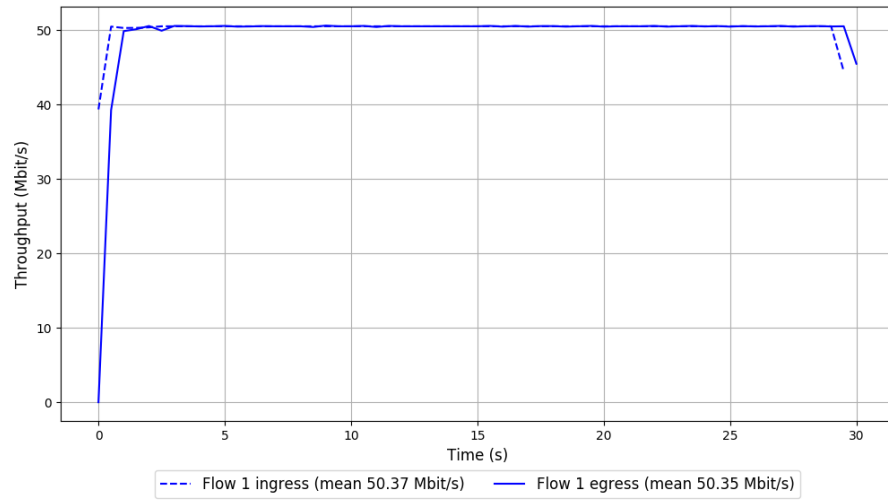
-- Flow 1:

Average throughput: 50.35 Mbit/s

95th percentile per-packet one-way delay: 12.763 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

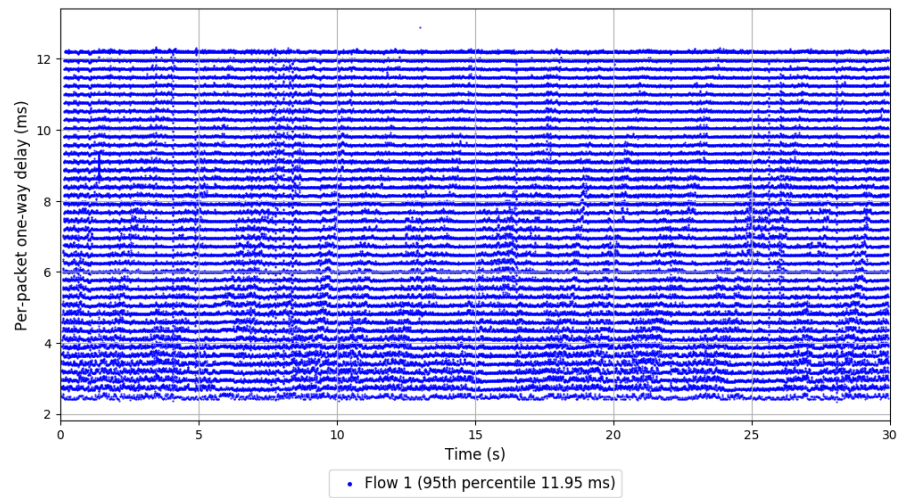
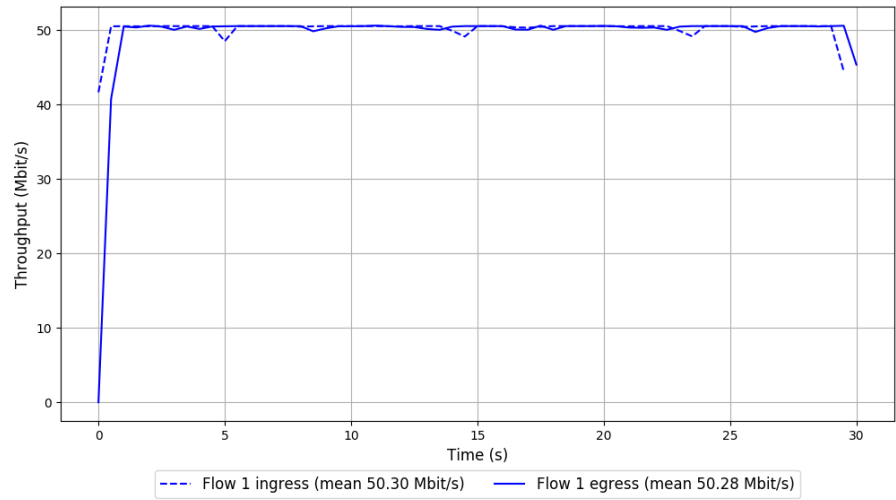


Run 3: Statistics of Sprout

Start at: 2019-01-21 05:58:04
End at: 2019-01-21 05:58:34
Local clock offset: -2.341 ms
Remote clock offset: 0.999 ms

Below is generated by plot.py at 2019-01-21 06:59:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 11.949 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 11.949 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-01-21 06:21:27

End at: 2019-01-21 06:21:58

Local clock offset: -2.295 ms

Remote clock offset: 1.287 ms

Below is generated by plot.py at 2019-01-21 06:59:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.21 Mbit/s

95th percentile per-packet one-way delay: 10.320 ms

Loss rate: 0.00%

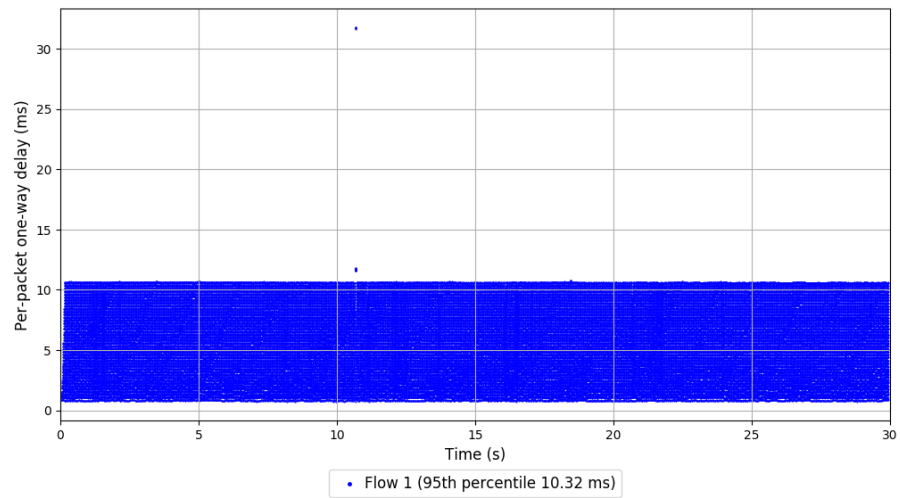
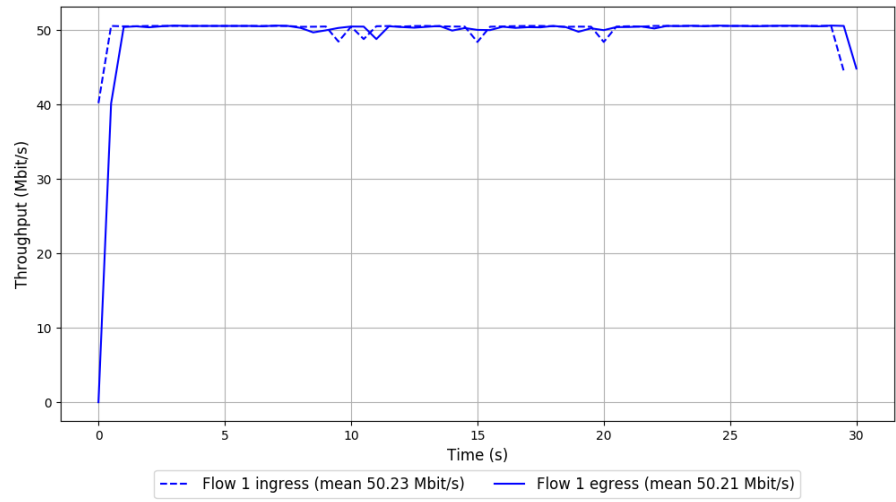
-- Flow 1:

Average throughput: 50.21 Mbit/s

95th percentile per-packet one-way delay: 10.320 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-01-21 06:44:50

End at: 2019-01-21 06:45:20

Local clock offset: -3.178 ms

Remote clock offset: 1.158 ms

Below is generated by plot.py at 2019-01-21 06:59:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.26 Mbit/s

95th percentile per-packet one-way delay: 12.900 ms

Loss rate: 0.00%

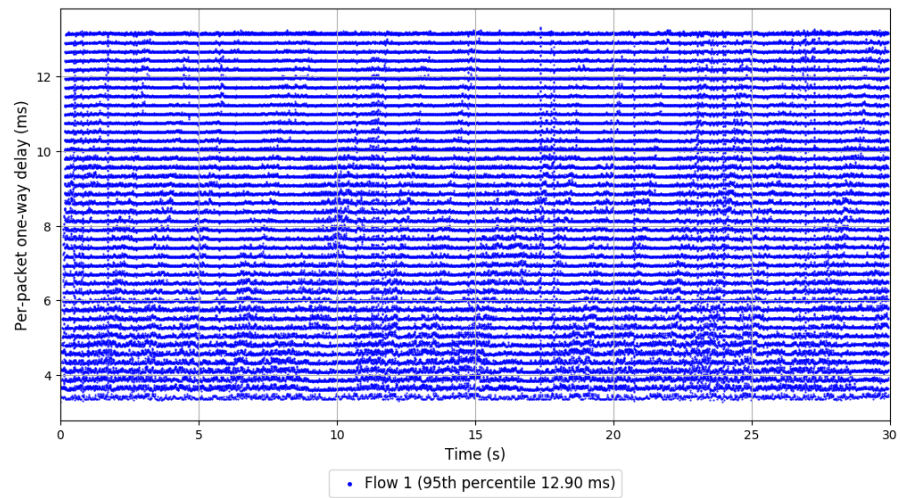
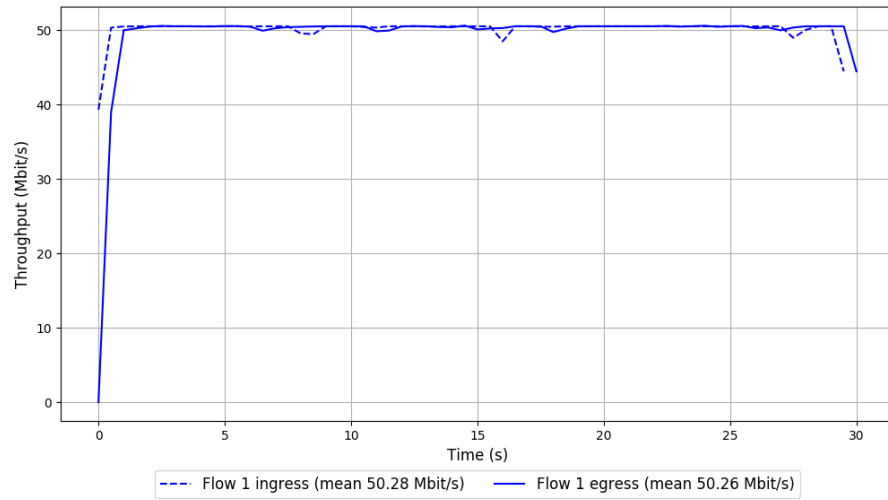
-- Flow 1:

Average throughput: 50.26 Mbit/s

95th percentile per-packet one-way delay: 12.900 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

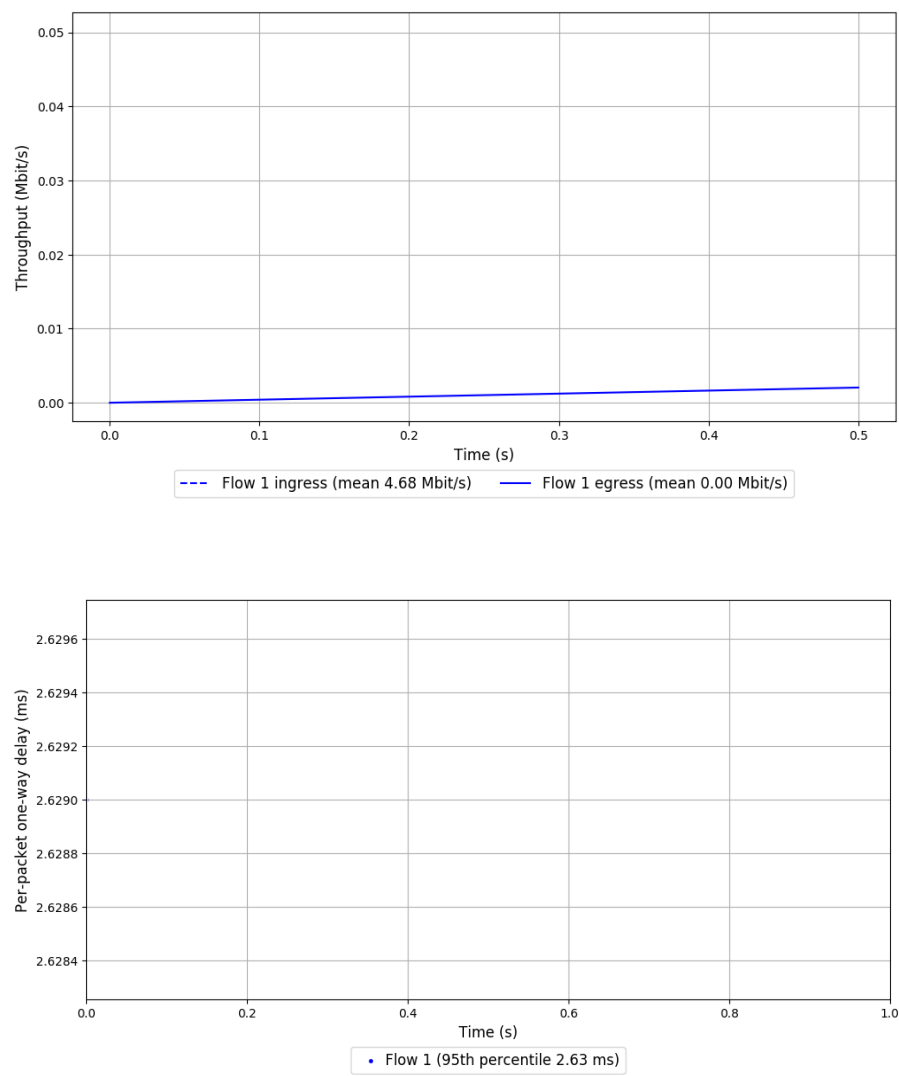
Start at: 2019-01-21 05:12:19

End at: 2019-01-21 05:12:49

Local clock offset: -6.082 ms

Remote clock offset: 0.855 ms

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



Run 2: Statistics of TaoVA-100x

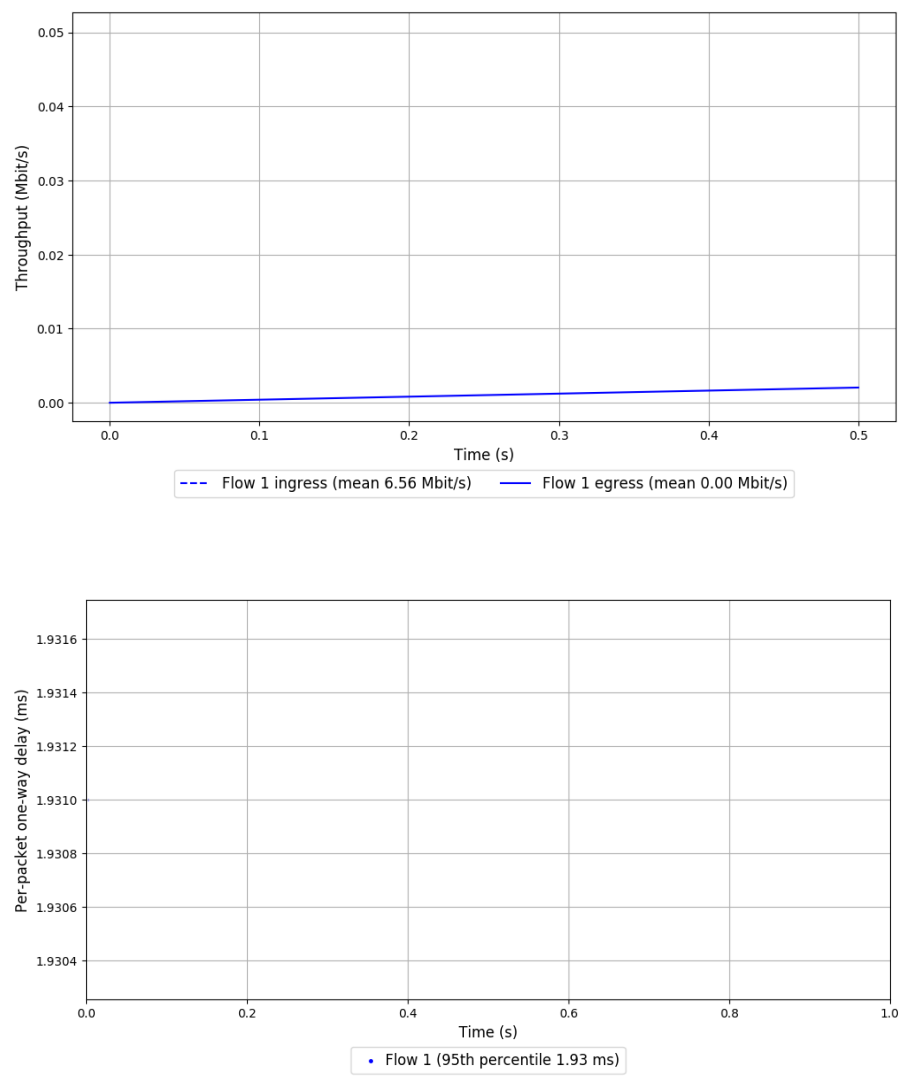
Start at: 2019-01-21 05:35:43

End at: 2019-01-21 05:36:13

Local clock offset: -3.522 ms

Remote clock offset: 0.955 ms

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



Run 3: Statistics of TaoVA-100x

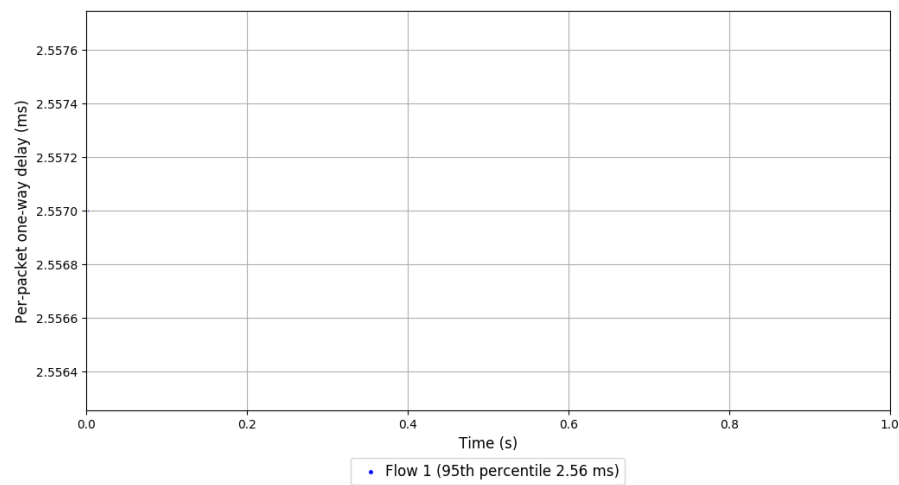
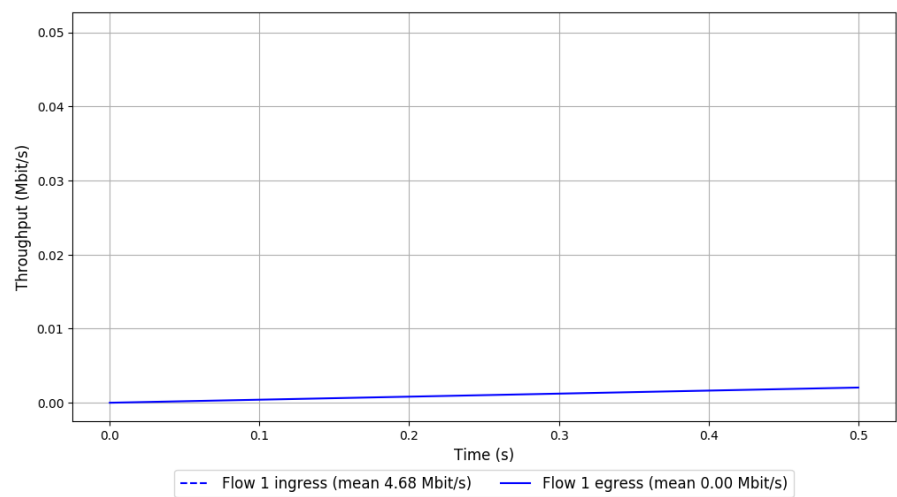
Start at: 2019-01-21 05:59:09

End at: 2019-01-21 05:59:39

Local clock offset: -2.397 ms

Remote clock offset: 0.902 ms

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



Run 4: Statistics of TaoVA-100x

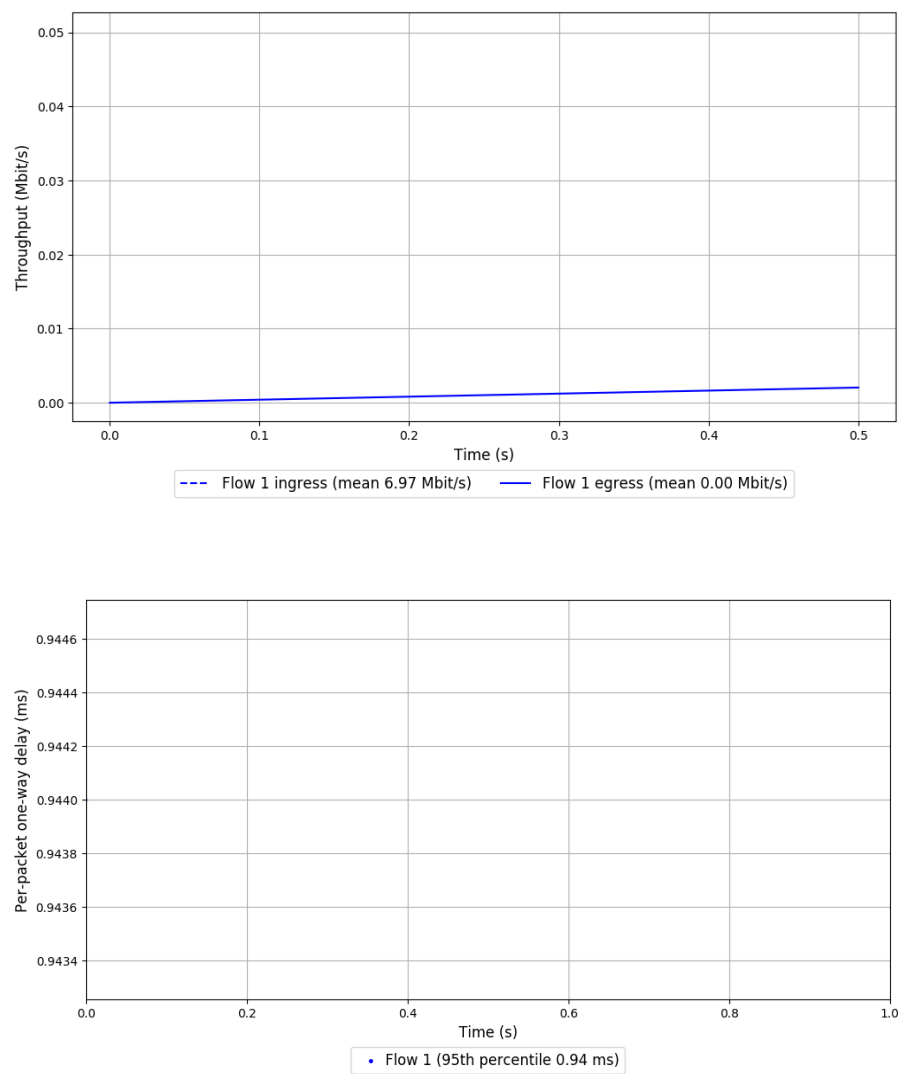
Start at: 2019-01-21 06:22:33

End at: 2019-01-21 06:23:03

Local clock offset: -2.378 ms

Remote clock offset: 1.391 ms

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



Run 5: Statistics of TaoVA-100x

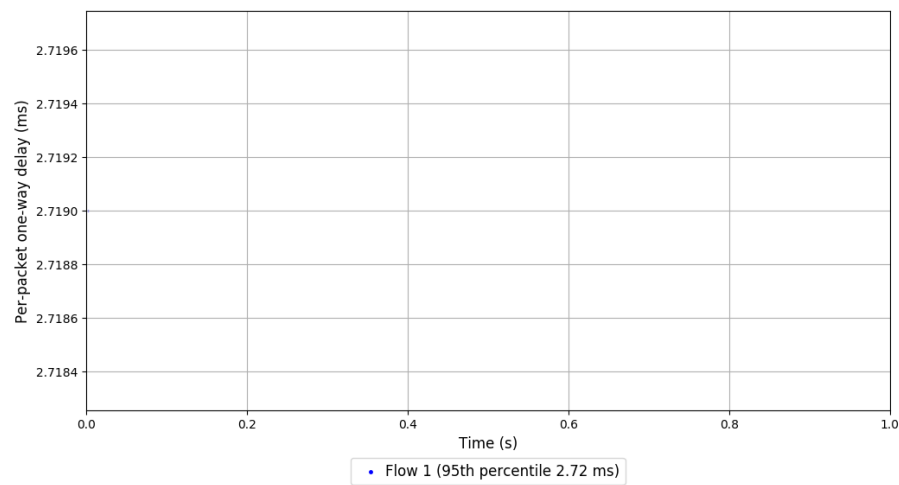
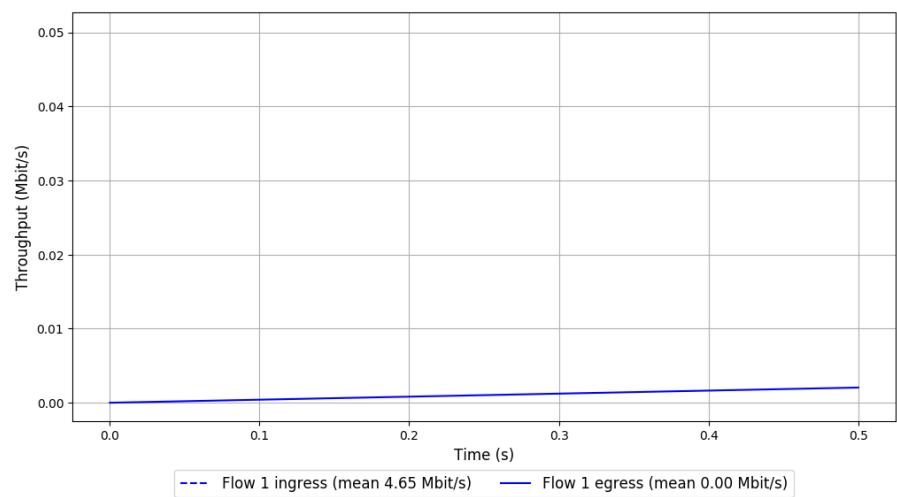
Start at: 2019-01-21 06:45:56

End at: 2019-01-21 06:46:26

Local clock offset: -2.268 ms

Remote clock offset: 1.2 ms

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



Run 1: Statistics of TCP Vegas

Start at: 2019-01-21 04:57:47

End at: 2019-01-21 04:58:17

Local clock offset: -5.429 ms

Remote clock offset: 0.723 ms

Below is generated by plot.py at 2019-01-21 07:00:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 2.890 ms

Loss rate: 0.00%

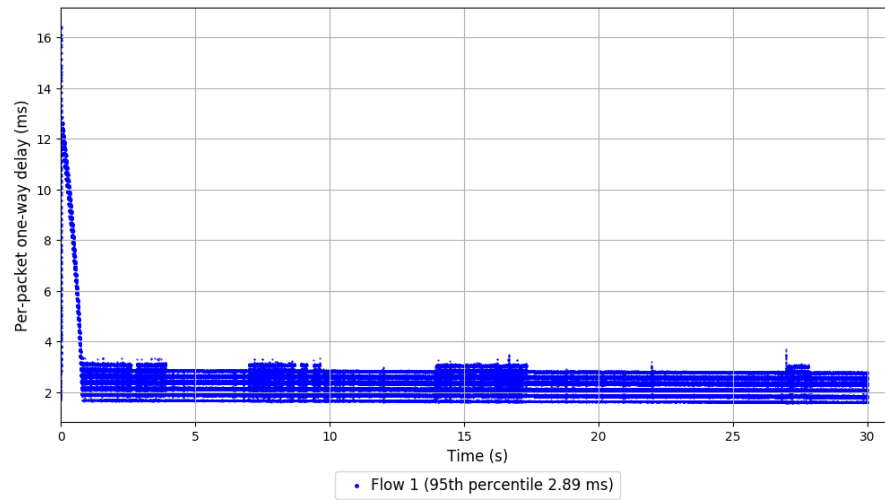
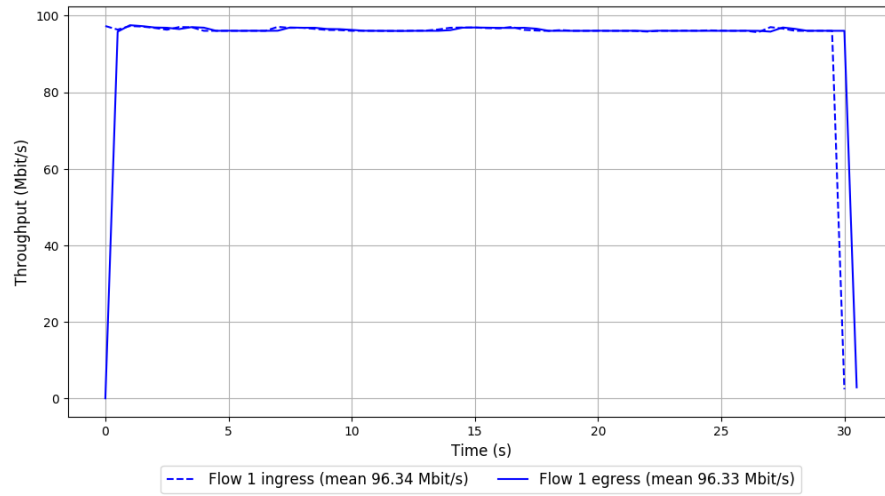
-- Flow 1:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 2.890 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

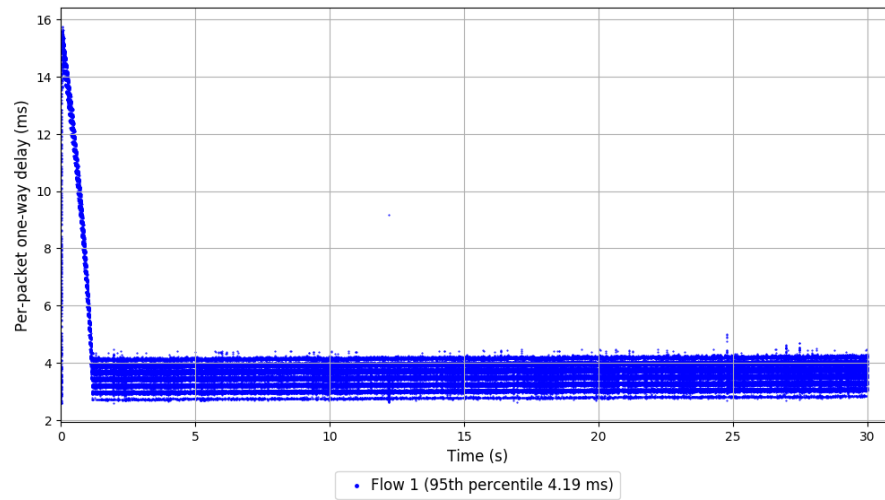
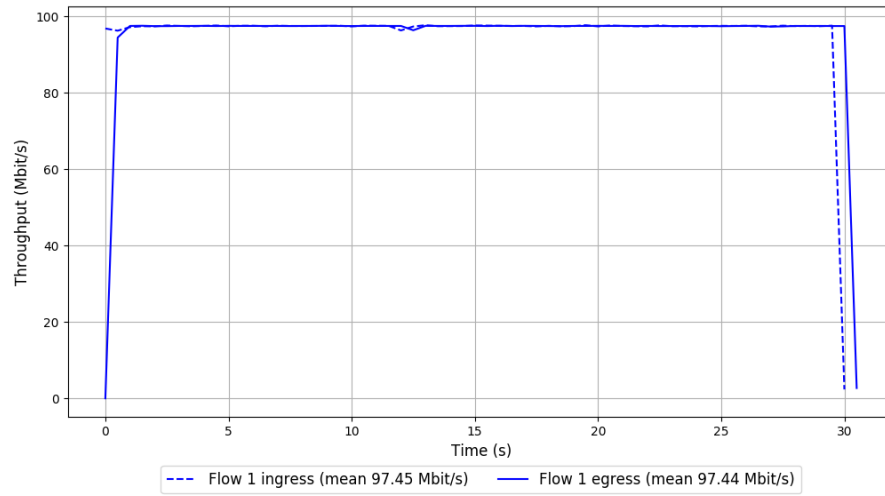


Run 2: Statistics of TCP Vegas

Start at: 2019-01-21 05:21:10
End at: 2019-01-21 05:21:40
Local clock offset: -4.643 ms
Remote clock offset: 0.847 ms

Below is generated by plot.py at 2019-01-21 07:00:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 4.192 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 4.192 ms
Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link

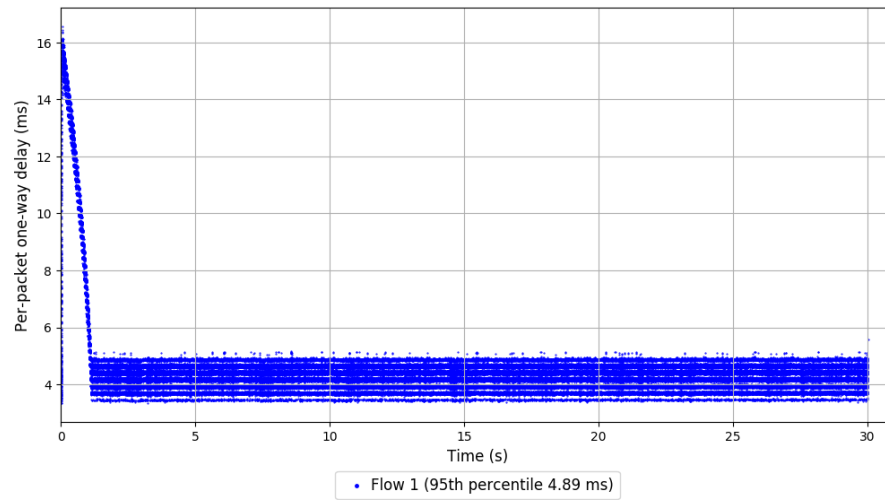
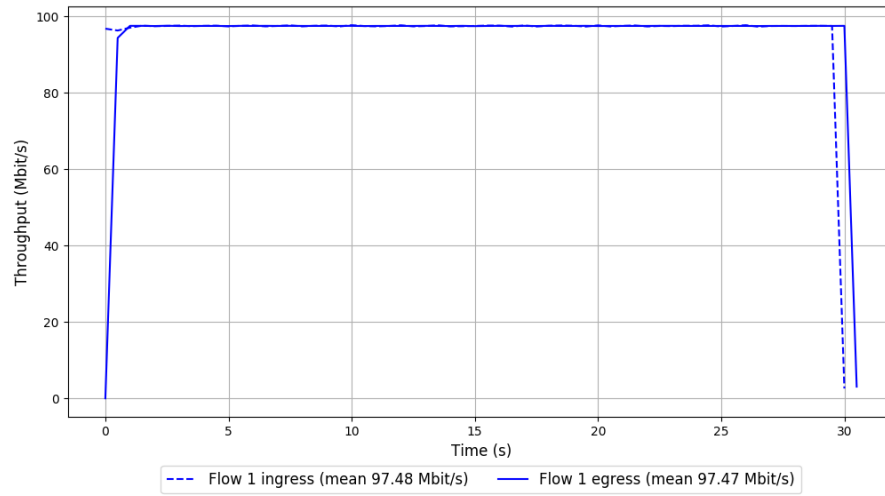


Run 3: Statistics of TCP Vegas

Start at: 2019-01-21 05:44:36
End at: 2019-01-21 05:45:06
Local clock offset: -3.194 ms
Remote clock offset: 0.916 ms

Below is generated by plot.py at 2019-01-21 07:00:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 4.886 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 4.886 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-01-21 06:08:01

End at: 2019-01-21 06:08:31

Local clock offset: -2.26 ms

Remote clock offset: 1.126 ms

Below is generated by plot.py at 2019-01-21 07:00:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.50 Mbit/s

95th percentile per-packet one-way delay: 2.094 ms

Loss rate: 0.00%

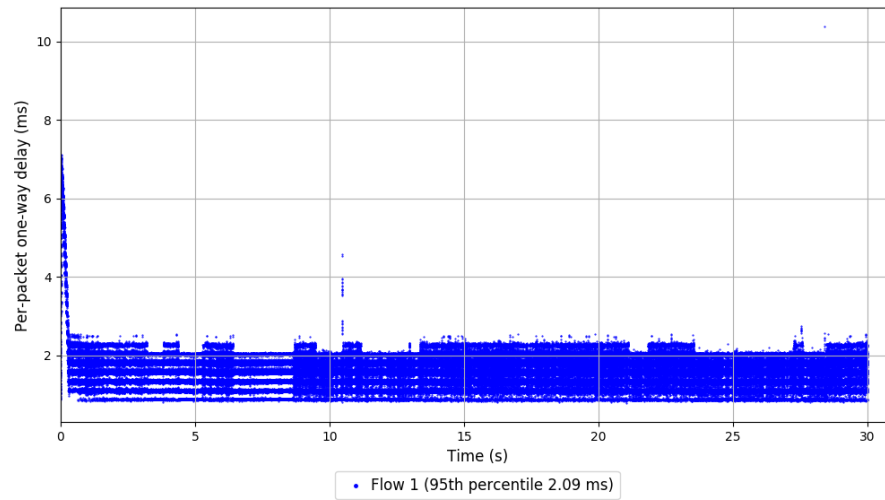
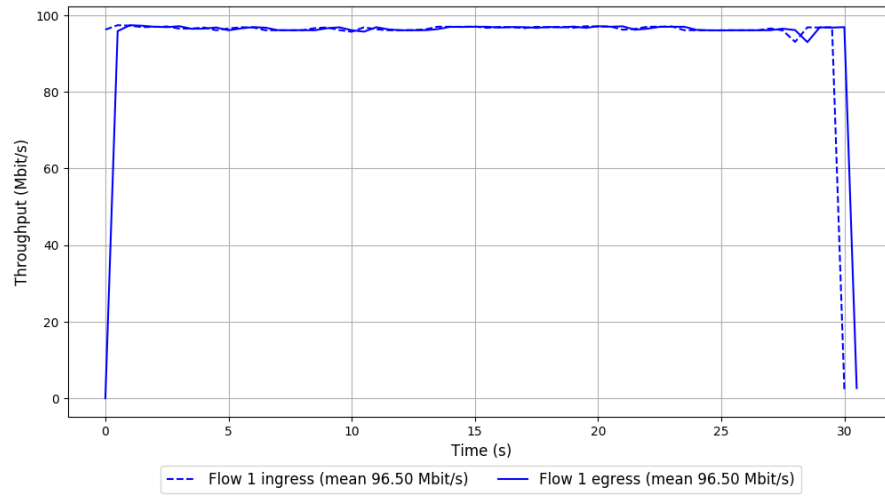
-- Flow 1:

Average throughput: 96.50 Mbit/s

95th percentile per-packet one-way delay: 2.094 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-01-21 06:31:24

End at: 2019-01-21 06:31:54

Local clock offset: -3.173 ms

Remote clock offset: 1.37 ms

Below is generated by plot.py at 2019-01-21 07:00:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.42 Mbit/s

95th percentile per-packet one-way delay: 2.905 ms

Loss rate: 0.00%

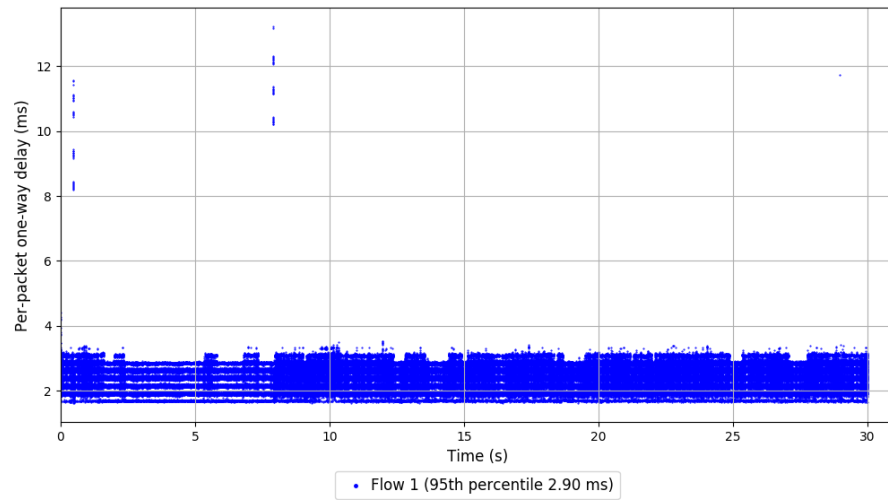
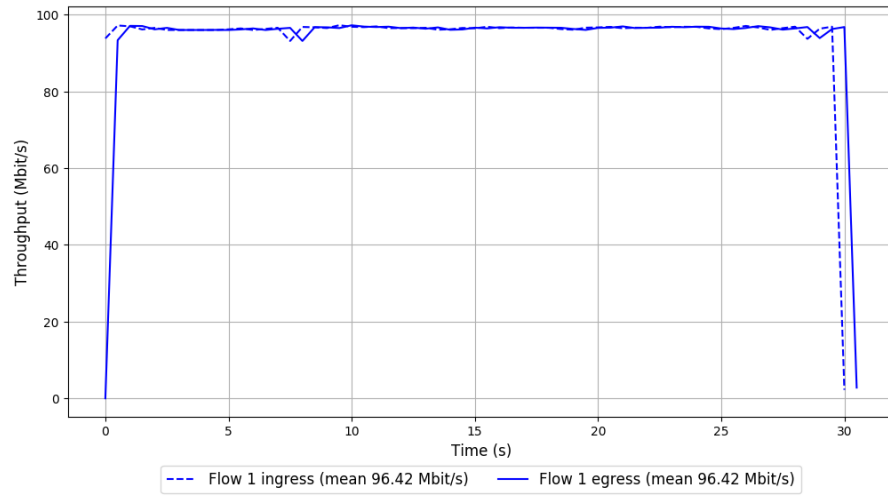
-- Flow 1:

Average throughput: 96.42 Mbit/s

95th percentile per-packet one-way delay: 2.905 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-01-21 05:01:08

End at: 2019-01-21 05:01:38

Local clock offset: -5.915 ms

Remote clock offset: 0.742 ms

Below is generated by plot.py at 2019-01-21 07:00:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 35.21 Mbit/s

95th percentile per-packet one-way delay: 10.204 ms

Loss rate: 1.88%

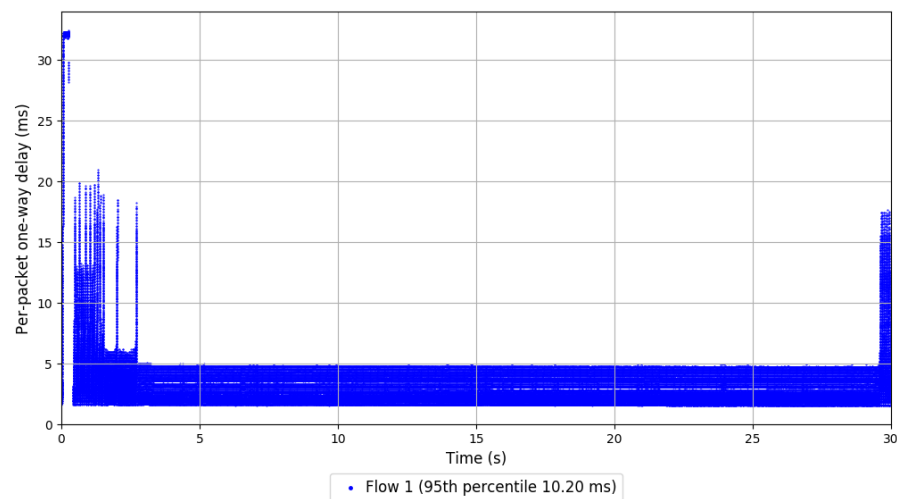
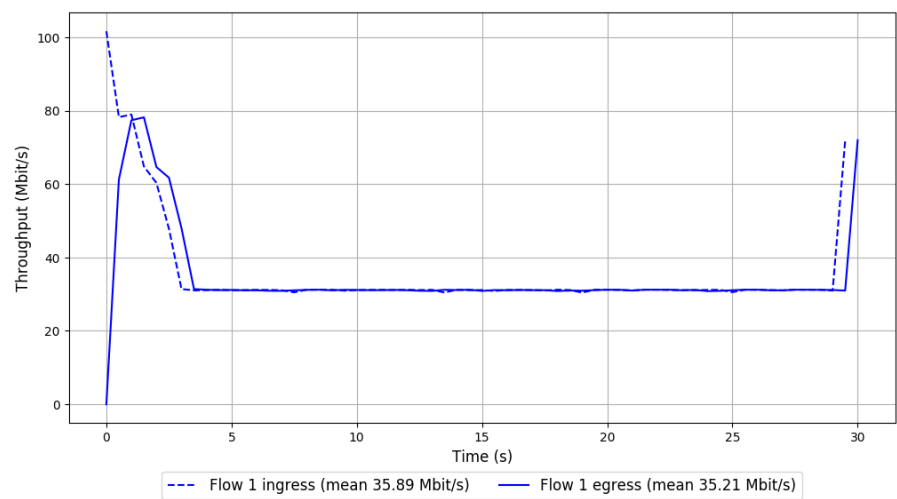
-- Flow 1:

Average throughput: 35.21 Mbit/s

95th percentile per-packet one-way delay: 10.204 ms

Loss rate: 1.88%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-01-21 05:24:31

End at: 2019-01-21 05:25:01

Local clock offset: -4.718 ms

Remote clock offset: 0.83 ms

Below is generated by plot.py at 2019-01-21 07:00:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.71 Mbit/s

95th percentile per-packet one-way delay: 6.460 ms

Loss rate: 1.42%

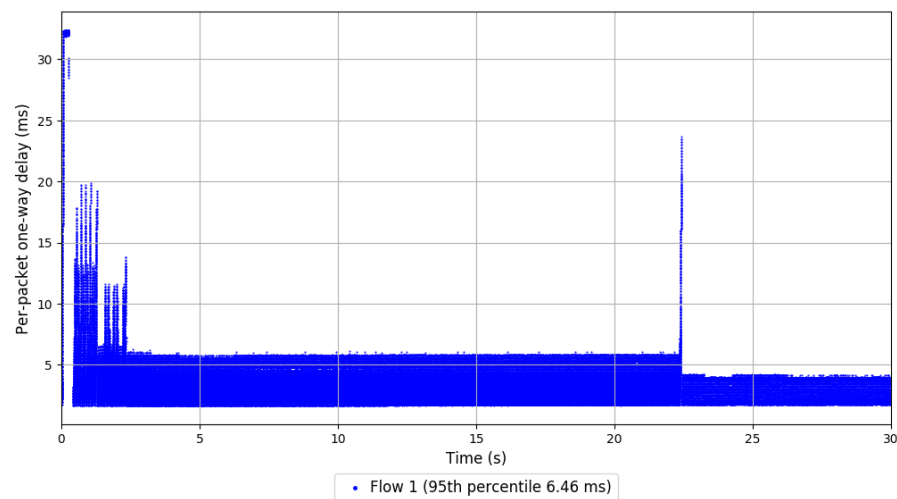
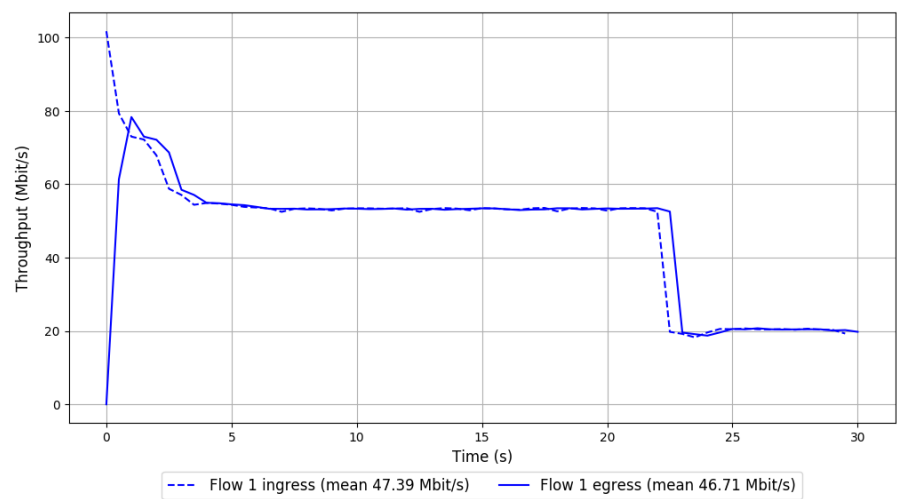
-- Flow 1:

Average throughput: 46.71 Mbit/s

95th percentile per-packet one-way delay: 6.460 ms

Loss rate: 1.42%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-01-21 05:47:56

End at: 2019-01-21 05:48:26

Local clock offset: -2.297 ms

Remote clock offset: 1.024 ms

Below is generated by plot.py at 2019-01-21 07:00:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.61 Mbit/s

95th percentile per-packet one-way delay: 9.106 ms

Loss rate: 0.92%

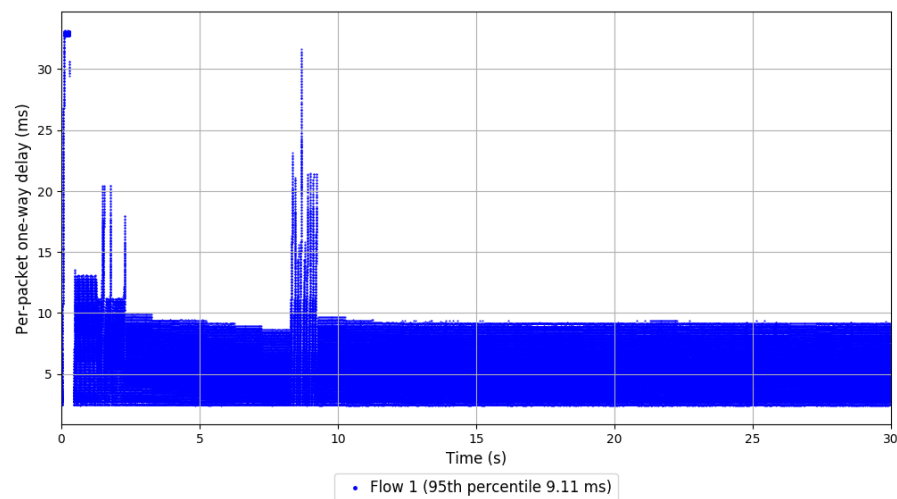
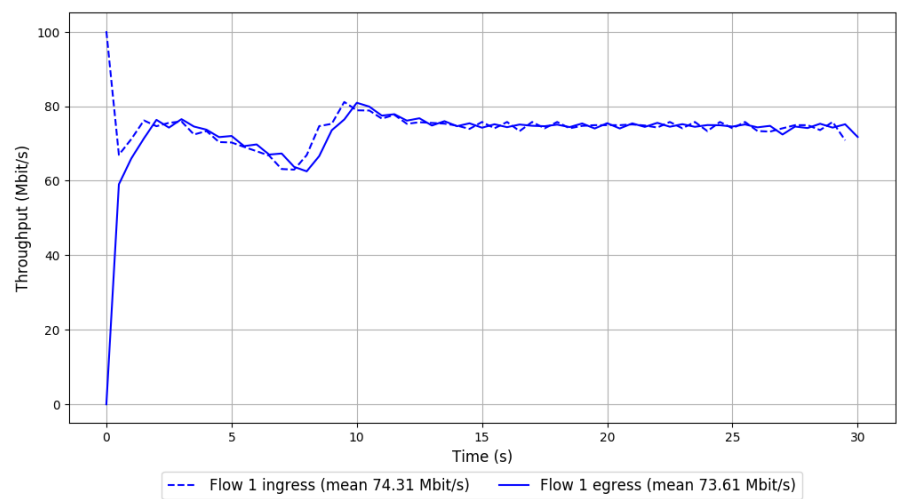
-- Flow 1:

Average throughput: 73.61 Mbit/s

95th percentile per-packet one-way delay: 9.106 ms

Loss rate: 0.92%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-01-21 06:11:22

End at: 2019-01-21 06:11:52

Local clock offset: -3.043 ms

Remote clock offset: 1.108 ms

Below is generated by plot.py at 2019-01-21 07:00:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.93 Mbit/s

95th percentile per-packet one-way delay: 8.791 ms

Loss rate: 2.17%

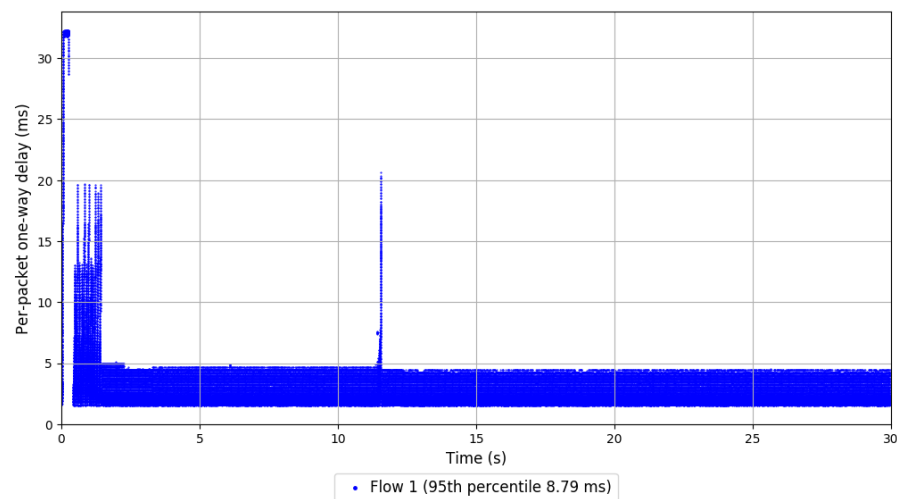
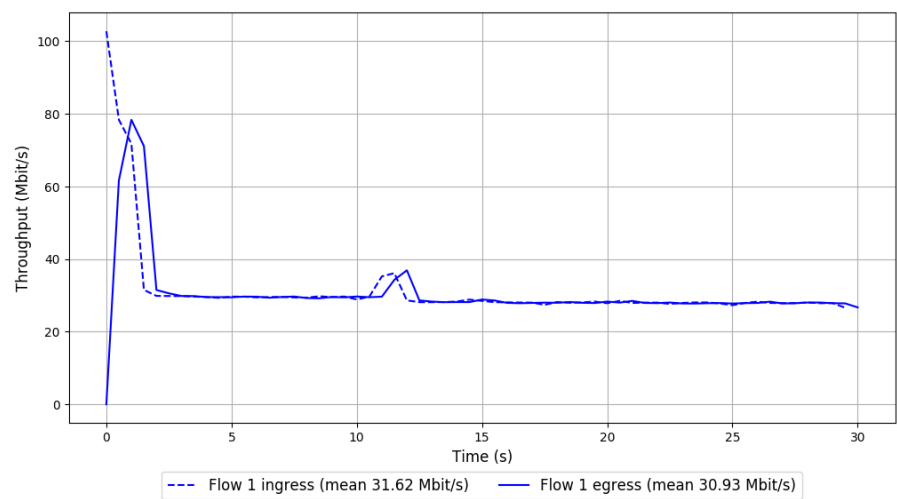
-- Flow 1:

Average throughput: 30.93 Mbit/s

95th percentile per-packet one-way delay: 8.791 ms

Loss rate: 2.17%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-01-21 06:34:45

End at: 2019-01-21 06:35:15

Local clock offset: -3.157 ms

Remote clock offset: 1.302 ms

Below is generated by plot.py at 2019-01-21 07:00:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.86 Mbit/s

95th percentile per-packet one-way delay: 9.710 ms

Loss rate: 1.95%

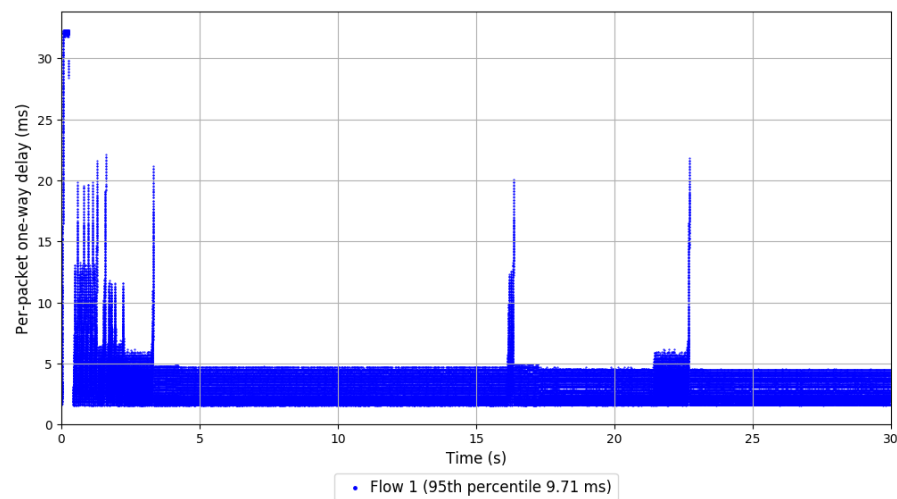
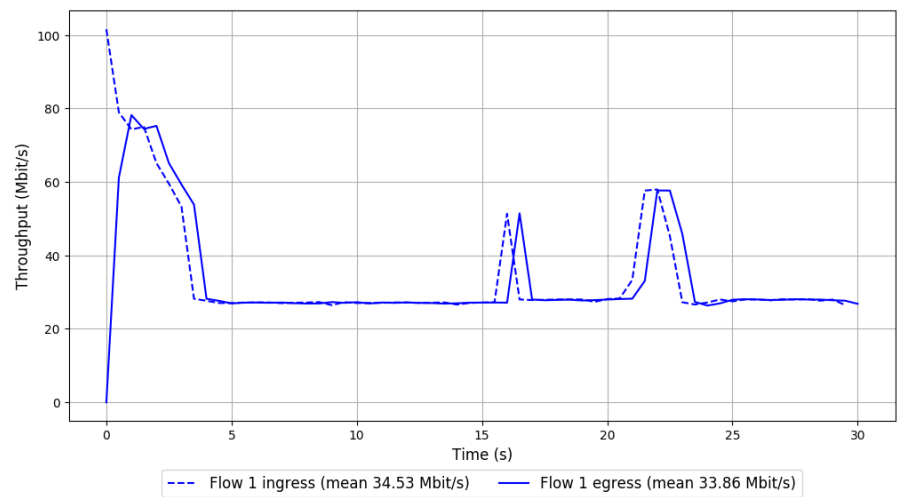
-- Flow 1:

Average throughput: 33.86 Mbit/s

95th percentile per-packet one-way delay: 9.710 ms

Loss rate: 1.95%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-01-21 05:07:47

End at: 2019-01-21 05:08:17

Local clock offset: -6.594 ms

Remote clock offset: 0.75 ms

Below is generated by plot.py at 2019-01-21 07:01:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.19 Mbit/s

95th percentile per-packet one-way delay: 1.796 ms

Loss rate: 0.00%

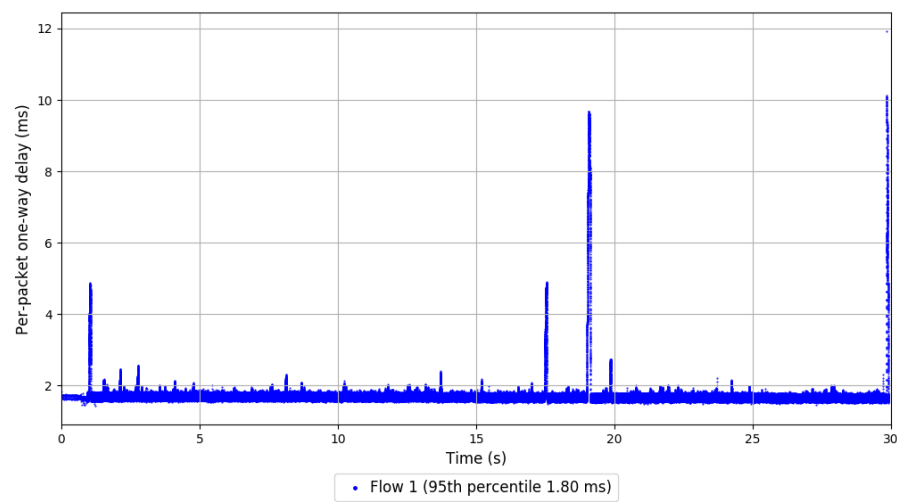
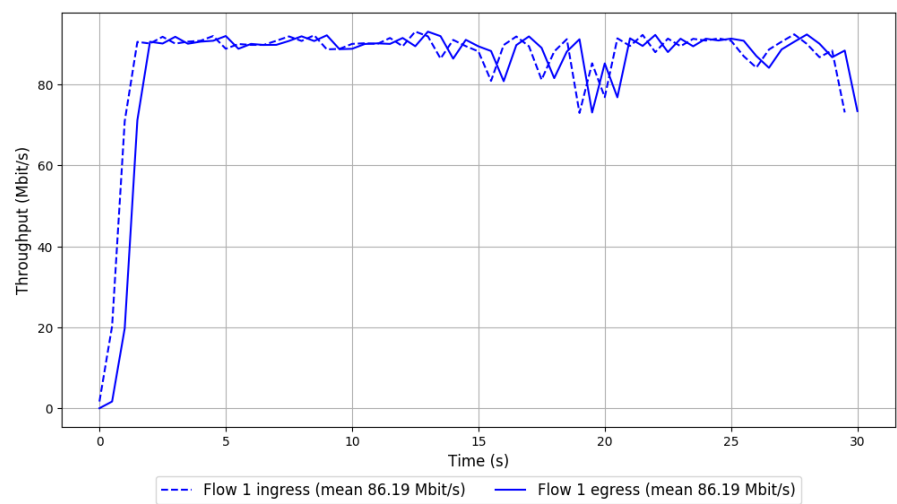
-- Flow 1:

Average throughput: 86.19 Mbit/s

95th percentile per-packet one-way delay: 1.796 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-01-21 05:31:11

End at: 2019-01-21 05:31:41

Local clock offset: -3.041 ms

Remote clock offset: 0.92 ms

Below is generated by plot.py at 2019-01-21 07:01:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.90 Mbit/s

95th percentile per-packet one-way delay: 2.735 ms

Loss rate: 0.00%

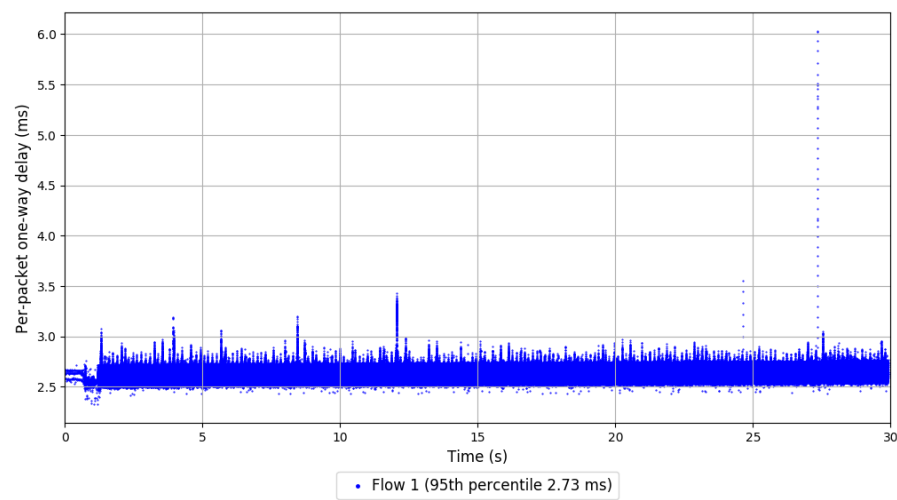
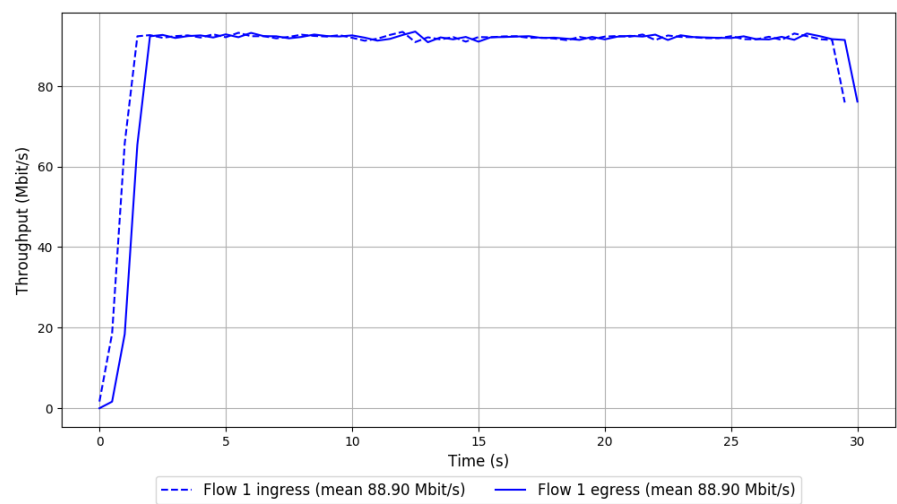
-- Flow 1:

Average throughput: 88.90 Mbit/s

95th percentile per-packet one-way delay: 2.735 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-01-21 05:54:37

End at: 2019-01-21 05:55:07

Local clock offset: -3.243 ms

Remote clock offset: 1.062 ms

Below is generated by plot.py at 2019-01-21 07:01:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.57 Mbit/s

95th percentile per-packet one-way delay: 3.579 ms

Loss rate: 0.01%

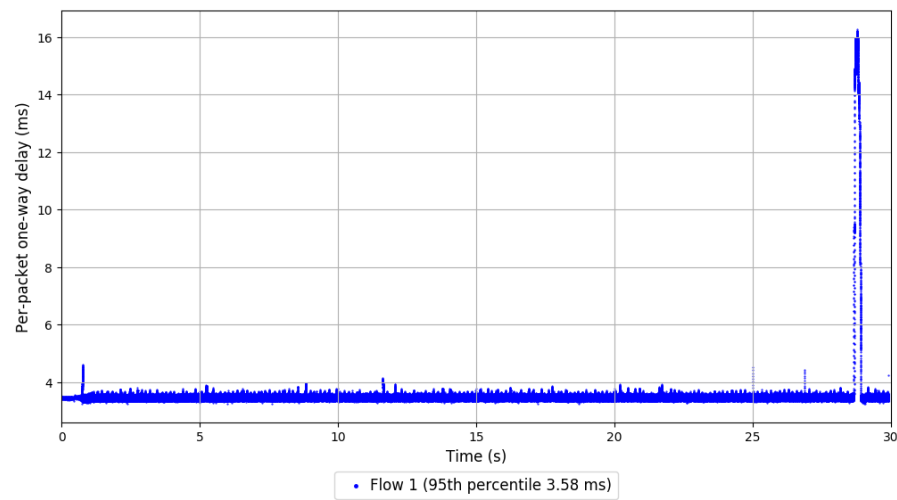
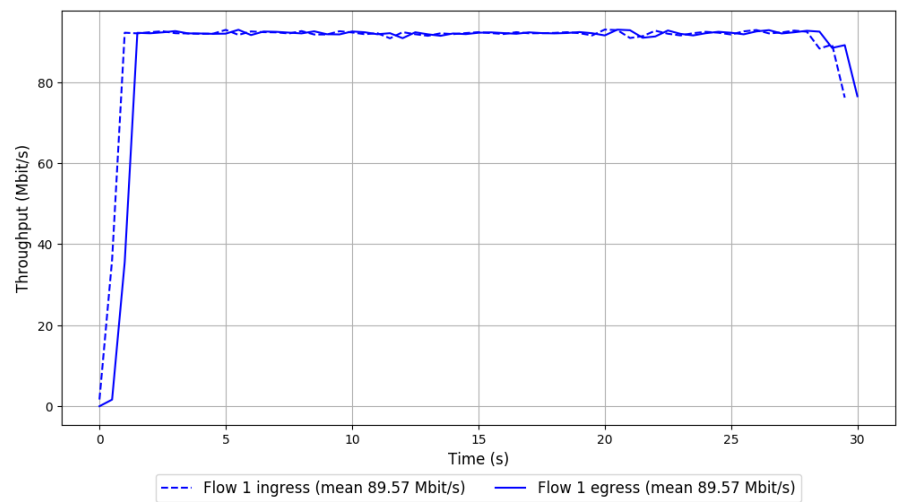
-- Flow 1:

Average throughput: 89.57 Mbit/s

95th percentile per-packet one-way delay: 3.579 ms

Loss rate: 0.01%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-01-21 06:18:01

End at: 2019-01-21 06:18:31

Local clock offset: -2.217 ms

Remote clock offset: 1.177 ms

Below is generated by plot.py at 2019-01-21 07:01:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.86 Mbit/s

95th percentile per-packet one-way delay: 0.906 ms

Loss rate: 0.00%

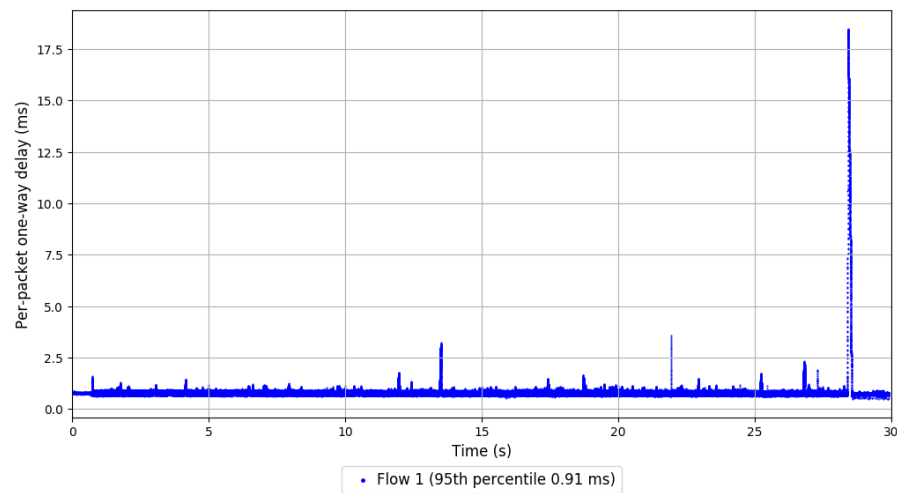
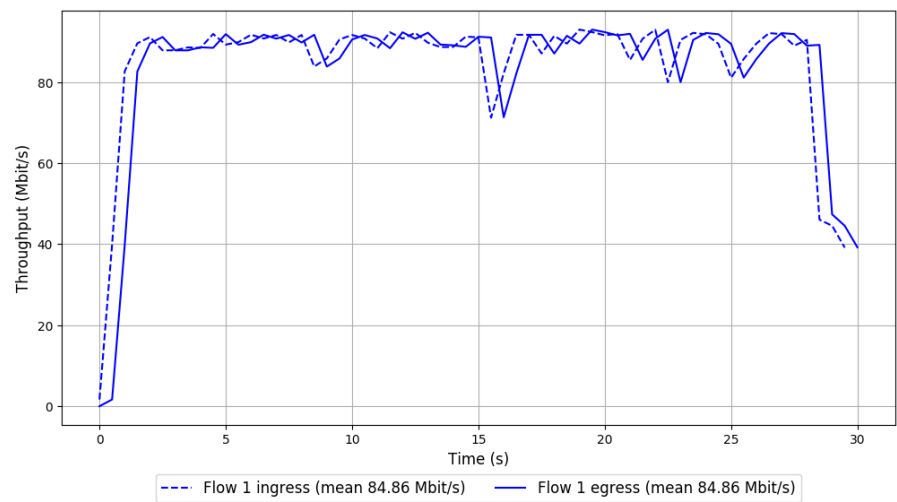
-- Flow 1:

Average throughput: 84.86 Mbit/s

95th percentile per-packet one-way delay: 0.906 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-01-21 06:41:23

End at: 2019-01-21 06:41:53

Local clock offset: -3.153 ms

Remote clock offset: 1.281 ms

Below is generated by plot.py at 2019-01-21 07:01:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.07 Mbit/s

95th percentile per-packet one-way delay: 1.925 ms

Loss rate: 0.00%

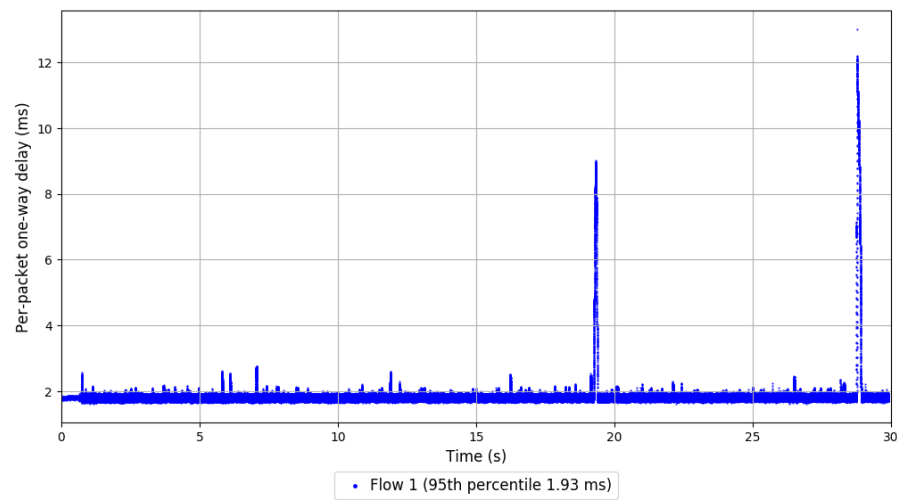
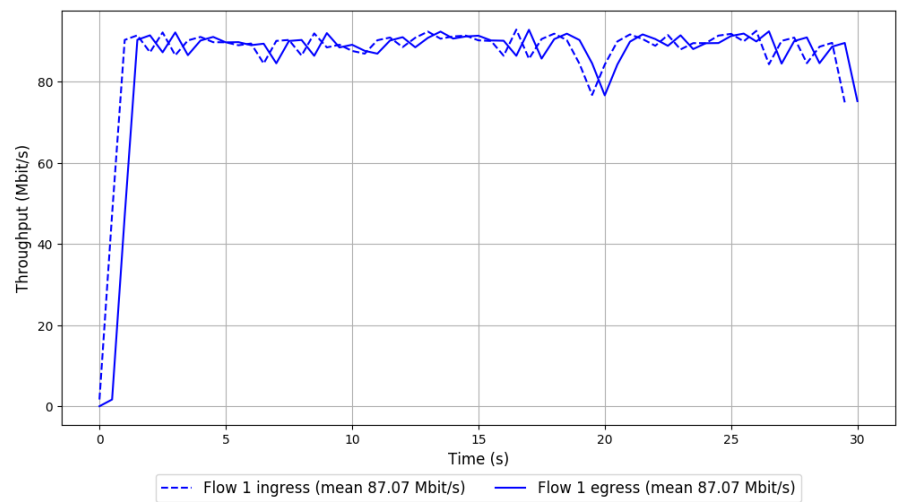
-- Flow 1:

Average throughput: 87.07 Mbit/s

95th percentile per-packet one-way delay: 1.925 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-01-21 05:15:40

End at: 2019-01-21 05:16:10

Local clock offset: -7.147 ms

Remote clock offset: 0.763 ms

Below is generated by plot.py at 2019-01-21 07:01:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.336 ms

Loss rate: 0.00%

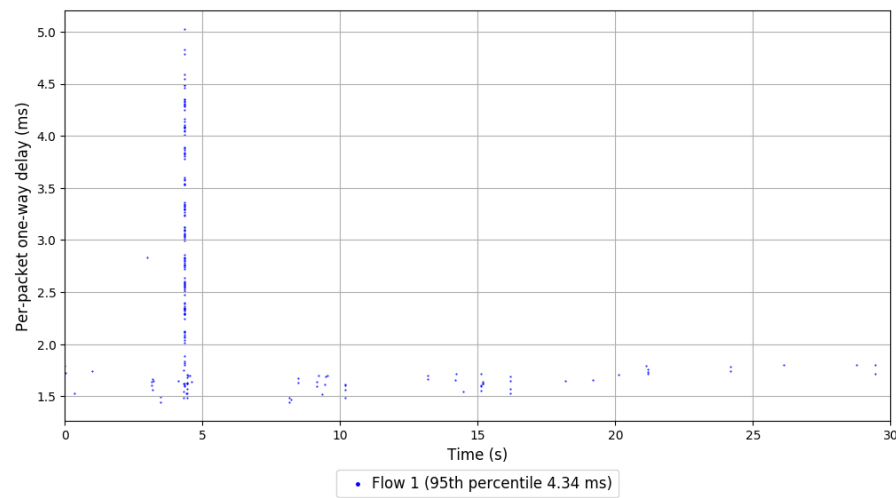
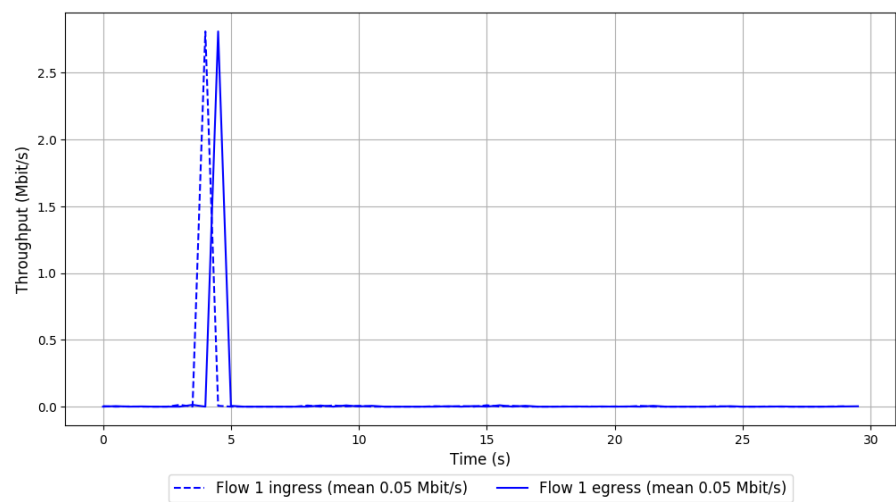
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.336 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-01-21 05:39:04

End at: 2019-01-21 05:39:34

Local clock offset: -2.509 ms

Remote clock offset: 0.984 ms

Below is generated by plot.py at 2019-01-21 07:01:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.560 ms

Loss rate: 0.00%

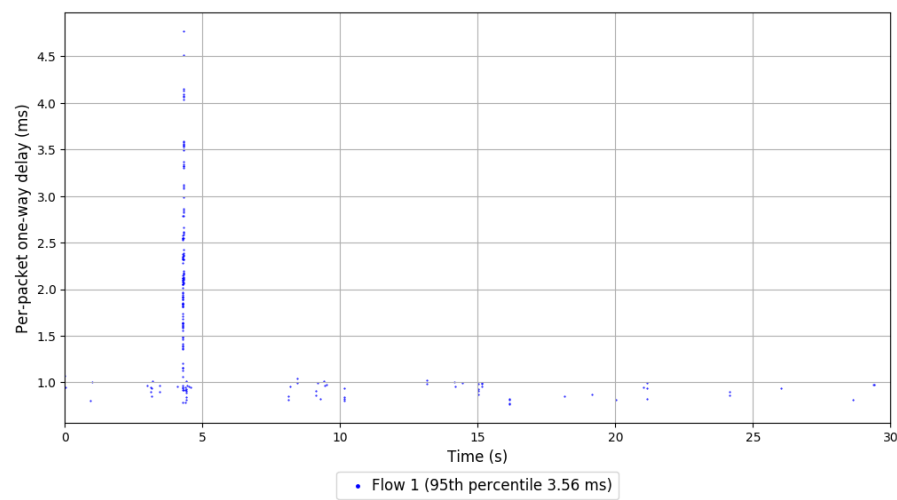
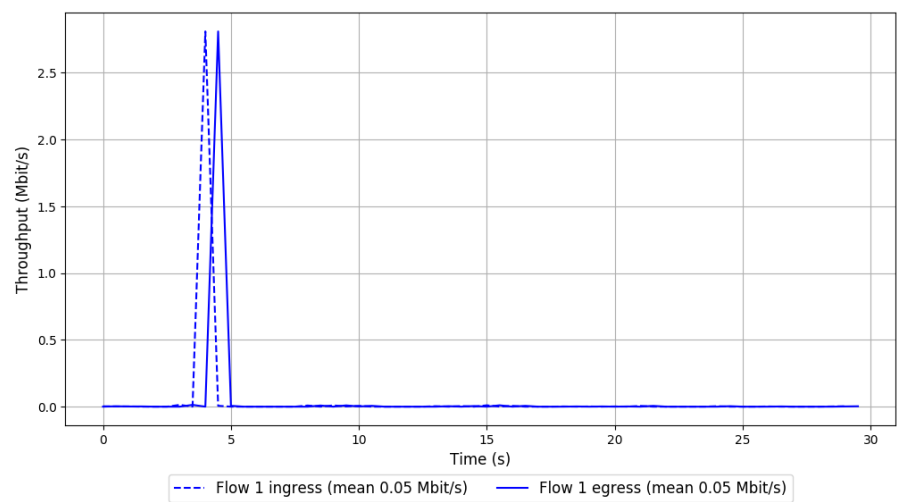
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.560 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-01-21 06:02:30

End at: 2019-01-21 06:03:00

Local clock offset: -2.303 ms

Remote clock offset: 1.045 ms

Below is generated by plot.py at 2019-01-21 07:01:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.008 ms

Loss rate: 0.00%

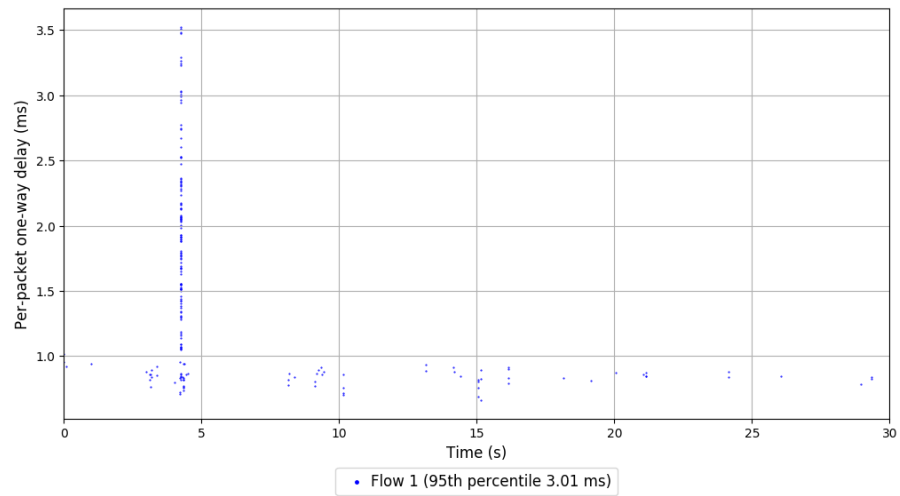
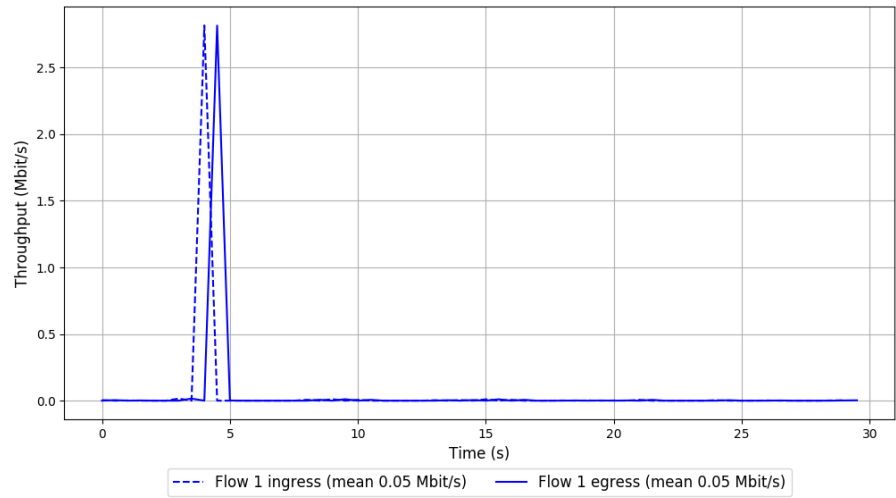
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.008 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-01-21 06:25:54

End at: 2019-01-21 06:26:24

Local clock offset: -3.165 ms

Remote clock offset: 1.367 ms

Below is generated by plot.py at 2019-01-21 07:01:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.604 ms

Loss rate: 0.00%

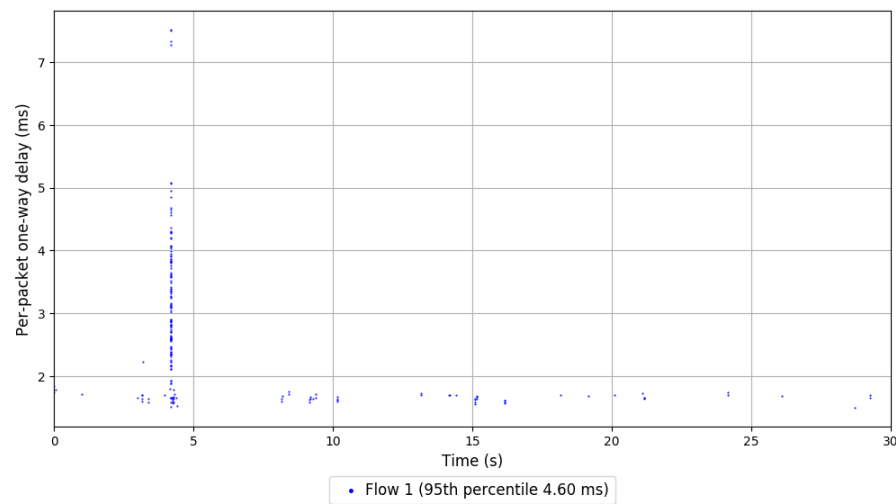
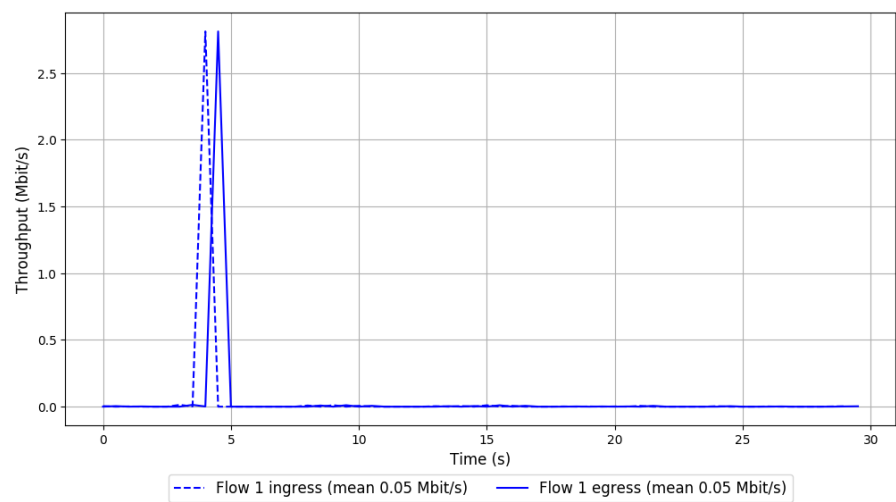
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.604 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-01-21 06:49:17

End at: 2019-01-21 06:49:47

Local clock offset: -2.641 ms

Remote clock offset: 1.087 ms

Below is generated by plot.py at 2019-01-21 07:01:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 5.024 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 5.024 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

