

Pantheon Report

Generated at 2019-01-24 16:34:16 (UTC).

Data path: AWS Brazil 2 on `ens5` (*local*) → Colombia 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:

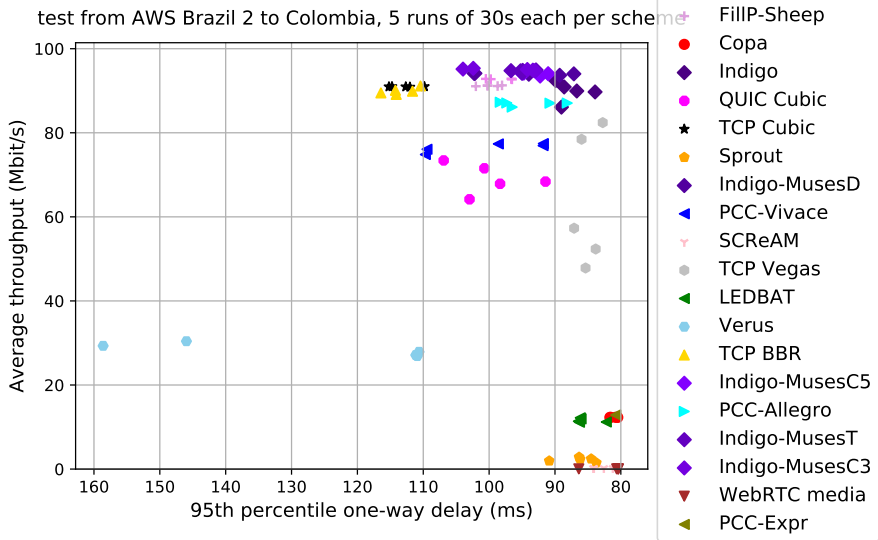
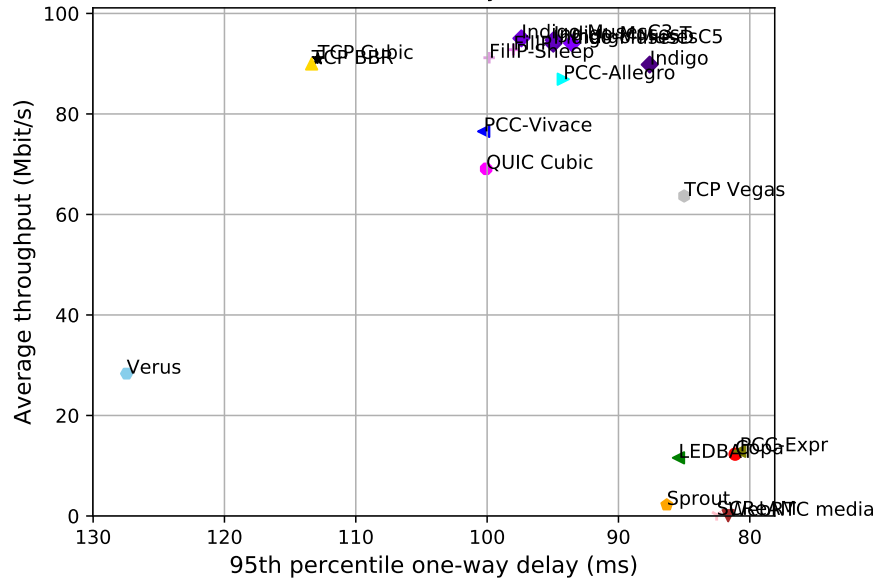
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 0b8e9a949603c3842368430acf469eec3b941f9f
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ d9c5ea33091330aca25ecd105ab2db6d34d5c40d
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 2 to Colombia, 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	89.95	113.36	3.10
Copa	4	12.30	81.12	73.48
TCP Cubic	5	90.95	112.89	0.45
FillP	5	92.79	98.00	0.96
FillP-Sheep	5	91.18	99.85	1.01
Indigo	5	89.82	87.63	1.02
Indigo-MusesC3	5	95.04	97.39	0.31
Indigo-MusesC5	5	94.09	93.54	0.00
Indigo-MusesD	5	93.98	94.96	0.46
Indigo-MusesT	5	94.70	94.93	2.19
LEDBAT	5	11.57	85.43	0.01
PCC-Allegro	5	86.91	94.20	1.50
PCC-Expr	1	12.88	80.77	35.93
QUIC Cubic	5	69.08	100.07	0.36
SCReAM	5	0.22	82.52	0.03
Sprout	5	2.21	86.32	0.00
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	63.67	85.00	0.82
Verus	5	28.33	127.45	33.80
PCC-Vivace	5	76.53	100.26	0.09
WebRTC media	5	0.05	81.65	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-01-24 14:23:13

End at: 2019-01-24 14:23:43

Local clock offset: -4.235 ms

Remote clock offset: 7.945 ms

Below is generated by plot.py at 2019-01-24 16:25:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.14 Mbit/s

95th percentile per-packet one-way delay: 114.106 ms

Loss rate: 3.66%

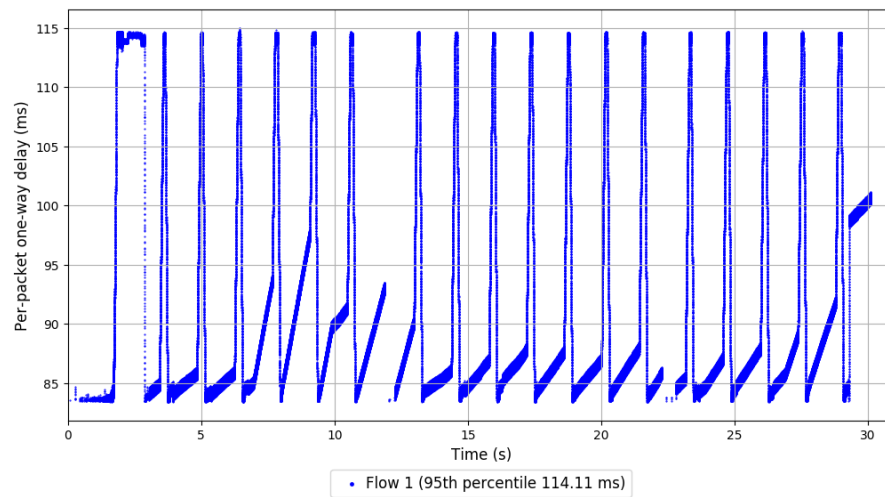
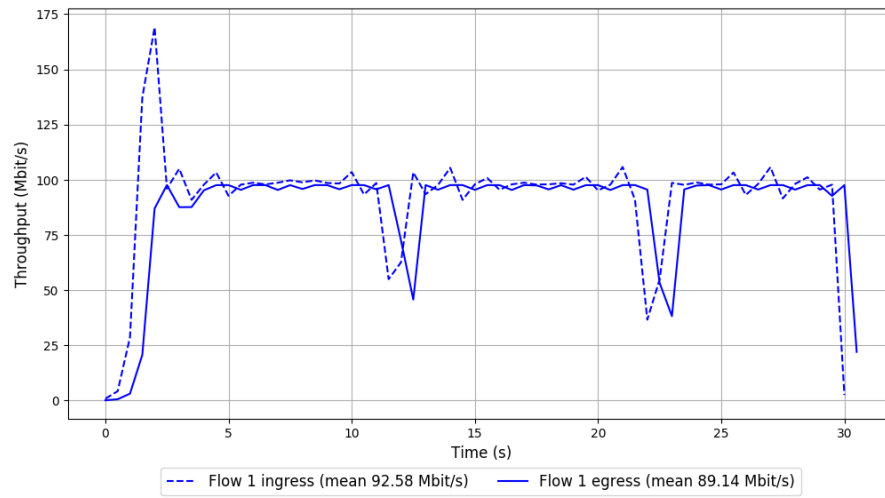
-- Flow 1:

Average throughput: 89.14 Mbit/s

95th percentile per-packet one-way delay: 114.106 ms

Loss rate: 3.66%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-01-24 14:47:52

End at: 2019-01-24 14:48:22

Local clock offset: -1.261 ms

Remote clock offset: 5.041 ms

Below is generated by plot.py at 2019-01-24 16:25:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.89 Mbit/s

95th percentile per-packet one-way delay: 111.630 ms

Loss rate: 3.12%

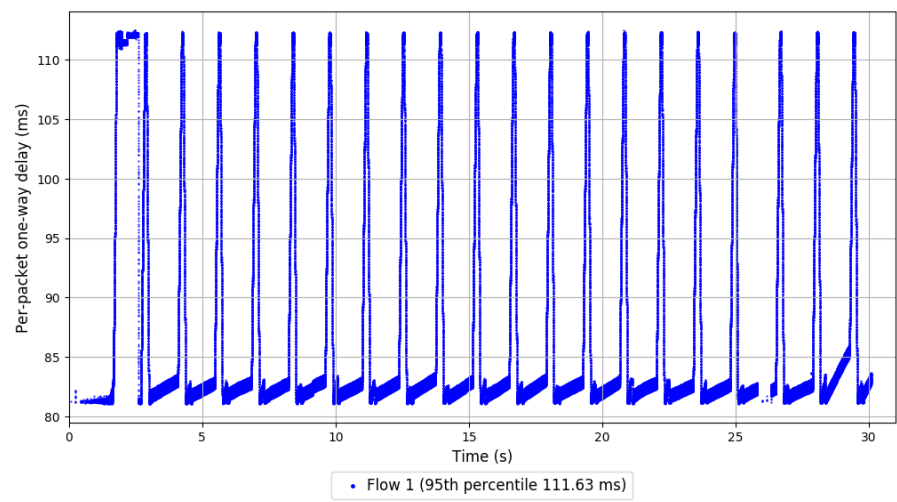
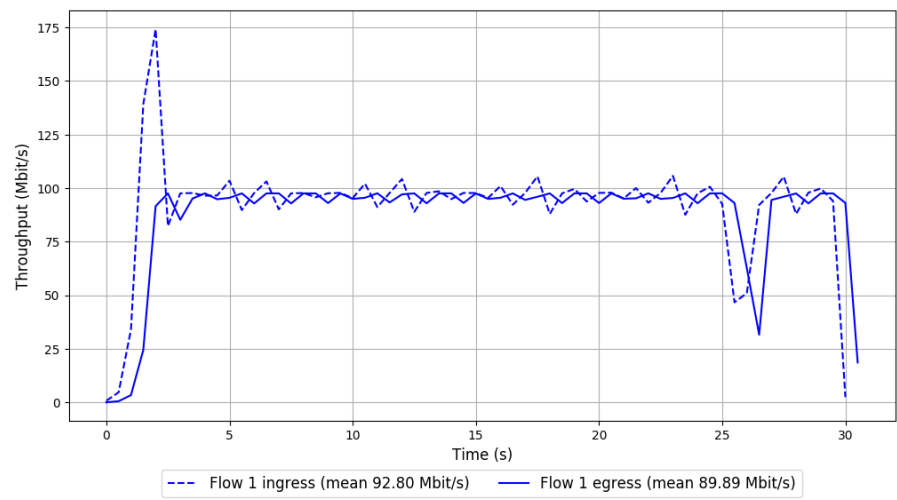
-- Flow 1:

Average throughput: 89.89 Mbit/s

95th percentile per-packet one-way delay: 111.630 ms

Loss rate: 3.12%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-01-24 15:12:30

End at: 2019-01-24 15:13:00

Local clock offset: -2.121 ms

Remote clock offset: 7.719 ms

Below is generated by plot.py at 2019-01-24 16:25:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.11 Mbit/s

95th percentile per-packet one-way delay: 114.228 ms

Loss rate: 3.31%

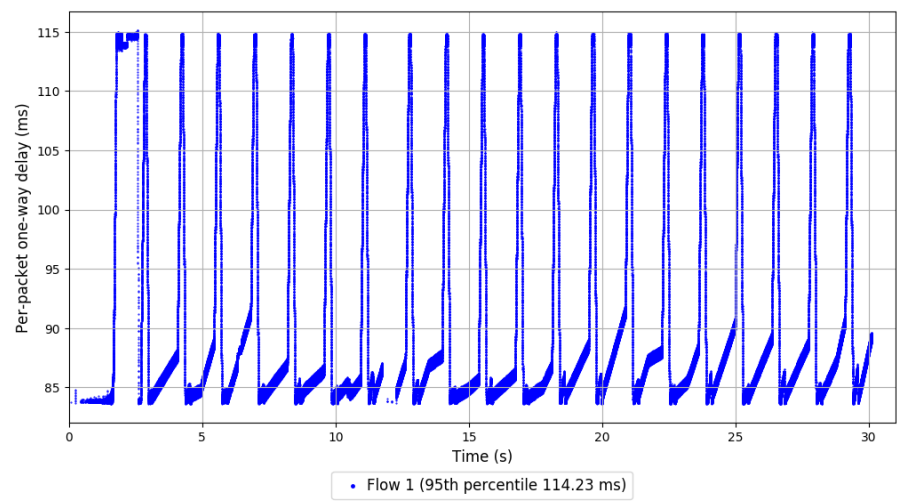
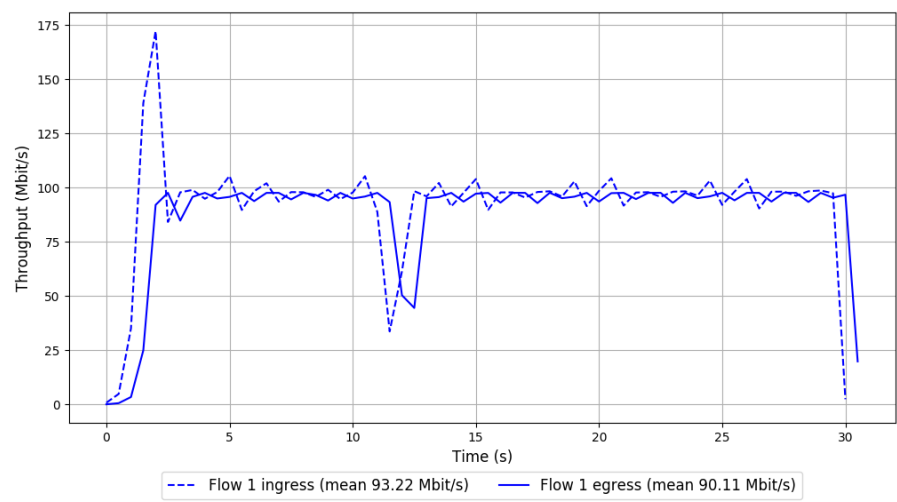
-- Flow 1:

Average throughput: 90.11 Mbit/s

95th percentile per-packet one-way delay: 114.228 ms

Loss rate: 3.31%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-01-24 15:37:07

End at: 2019-01-24 15:37:37

Local clock offset: -4.504 ms

Remote clock offset: 8.112 ms

Below is generated by plot.py at 2019-01-24 16:25:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.49 Mbit/s

95th percentile per-packet one-way delay: 116.432 ms

Loss rate: 2.38%

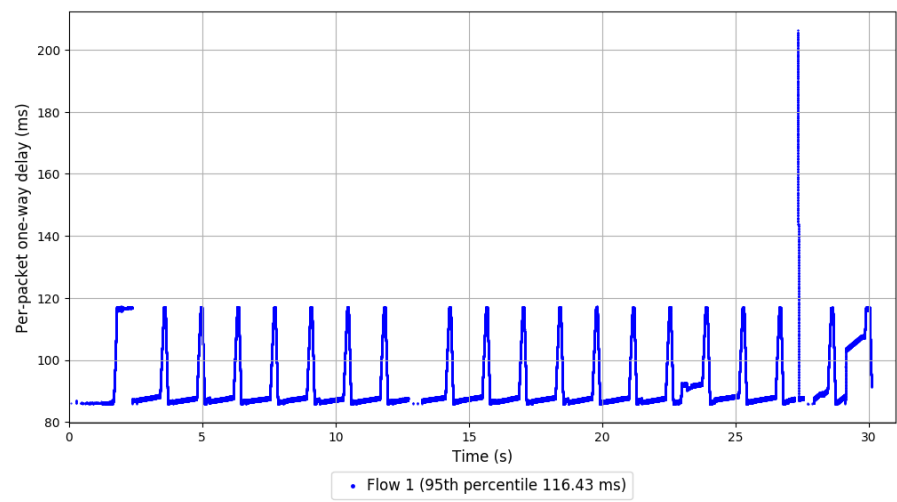
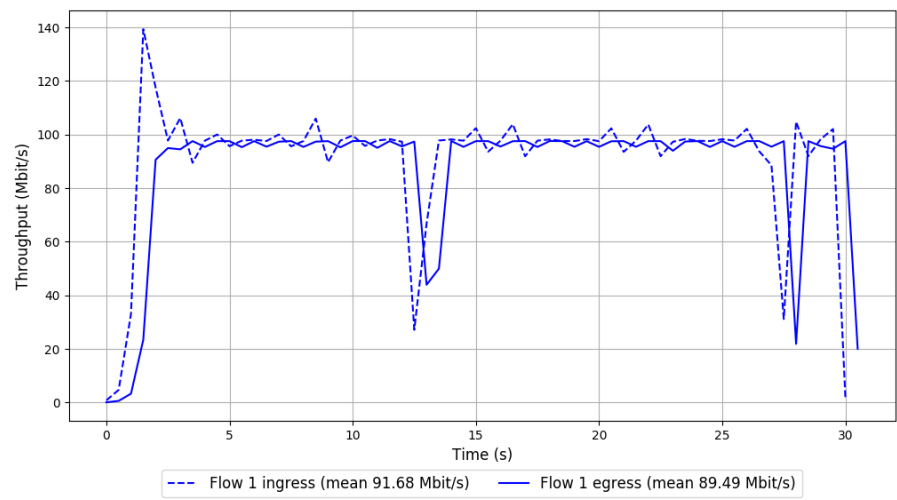
-- Flow 1:

Average throughput: 89.49 Mbit/s

95th percentile per-packet one-way delay: 116.432 ms

Loss rate: 2.38%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-01-24 16:01:46

End at: 2019-01-24 16:02:16

Local clock offset: -6.165 ms

Remote clock offset: 4.193 ms

Below is generated by plot.py at 2019-01-24 16:25:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.14 Mbit/s

95th percentile per-packet one-way delay: 110.419 ms

Loss rate: 3.04%

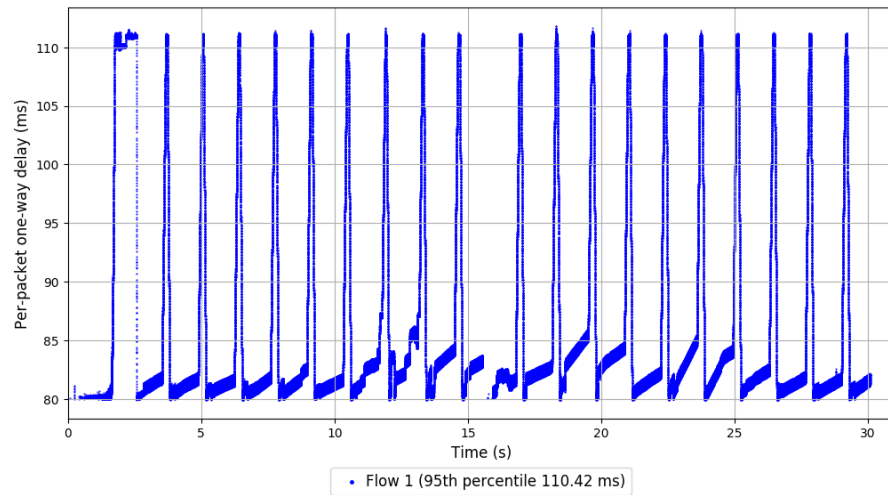
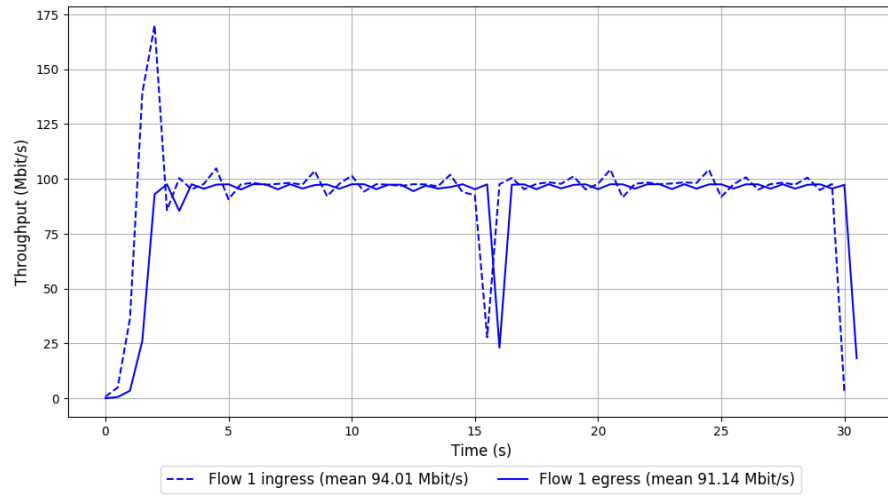
-- Flow 1:

Average throughput: 91.14 Mbit/s

95th percentile per-packet one-way delay: 110.419 ms

Loss rate: 3.04%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

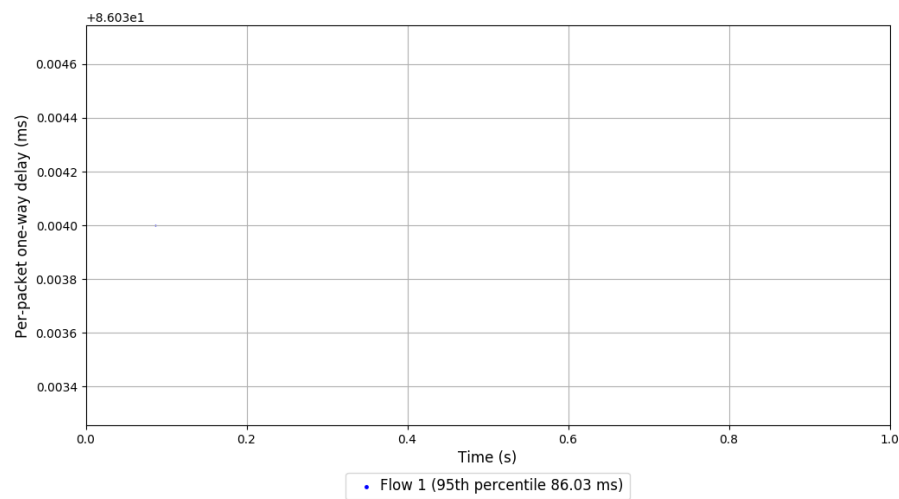
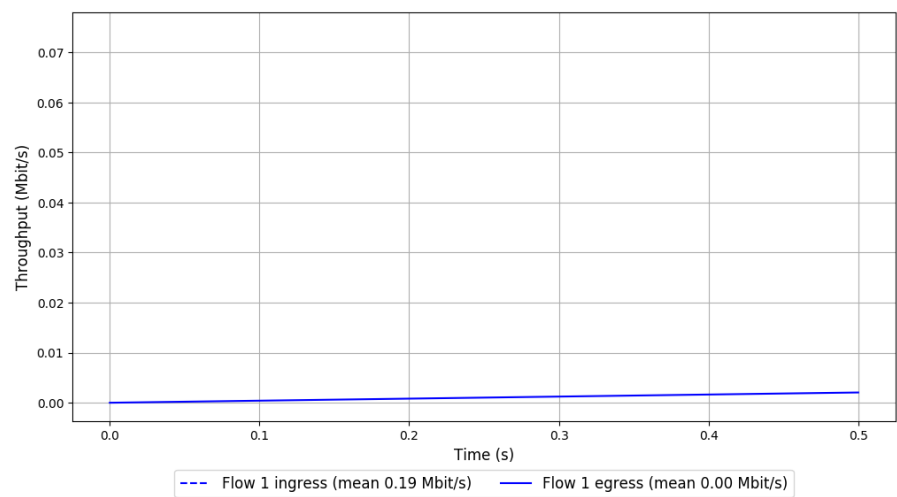
Start at: 2019-01-24 14:20:59

End at: 2019-01-24 14:21:29

Local clock offset: -4.253 ms

Remote clock offset: 8.079 ms

Run 1: Report of Copa — Data Link

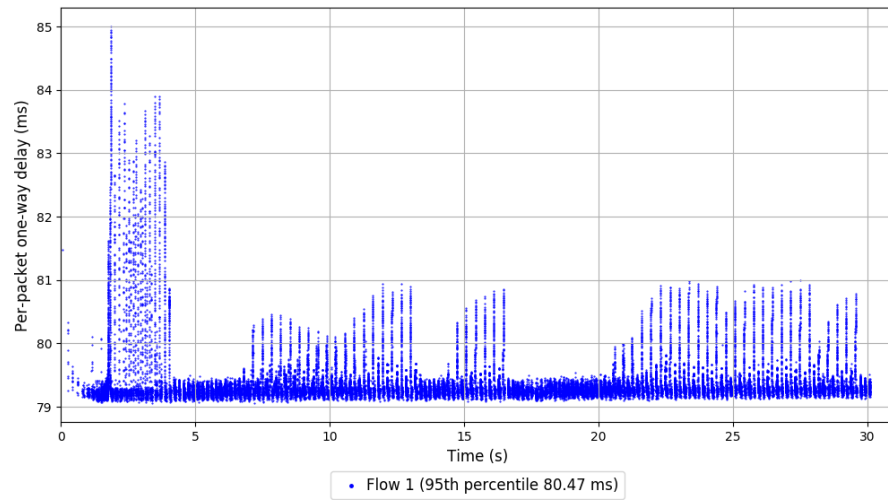
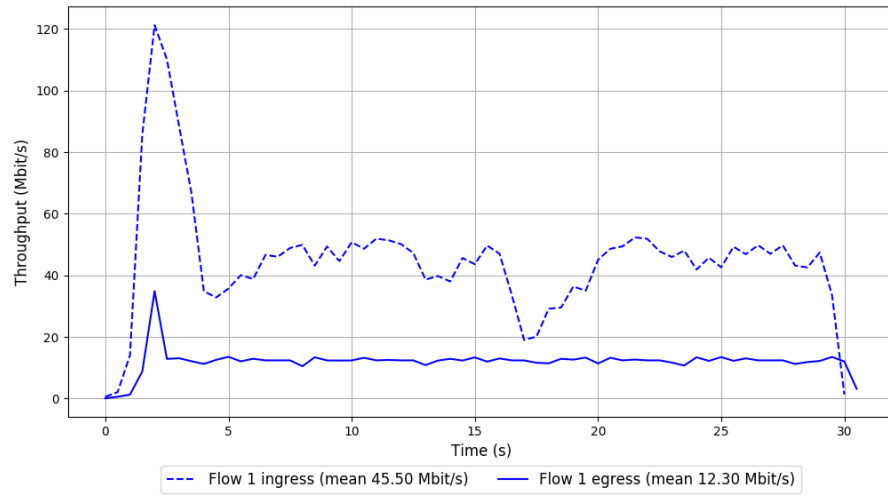


Run 2: Statistics of Copa

Start at: 2019-01-24 14:45:35
End at: 2019-01-24 14:46:05
Local clock offset: -1.448 ms
Remote clock offset: 3.94 ms

Below is generated by plot.py at 2019-01-24 16:25:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.30 Mbit/s
95th percentile per-packet one-way delay: 80.466 ms
Loss rate: 72.96%
-- Flow 1:
Average throughput: 12.30 Mbit/s
95th percentile per-packet one-way delay: 80.466 ms
Loss rate: 72.96%

Run 2: Report of Copa — Data Link

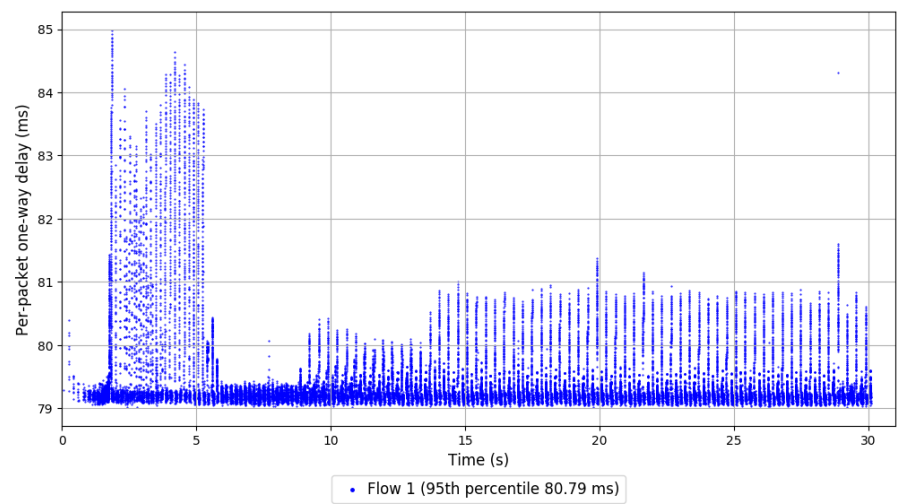
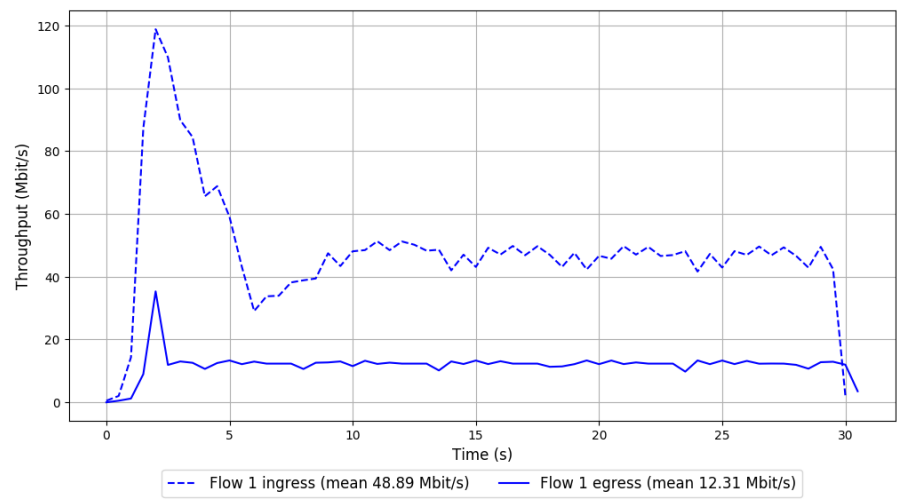


Run 3: Statistics of Copa

Start at: 2019-01-24 15:10:14
End at: 2019-01-24 15:10:44
Local clock offset: -1.228 ms
Remote clock offset: 3.935 ms

Below is generated by plot.py at 2019-01-24 16:25:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 80.793 ms
Loss rate: 74.82%
-- Flow 1:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 80.793 ms
Loss rate: 74.82%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2019-01-24 15:34:51

End at: 2019-01-24 15:35:21

Local clock offset: -3.012 ms

Remote clock offset: 3.39 ms

Below is generated by plot.py at 2019-01-24 16:25:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.30 Mbit/s

95th percentile per-packet one-way delay: 81.544 ms

Loss rate: 71.79%

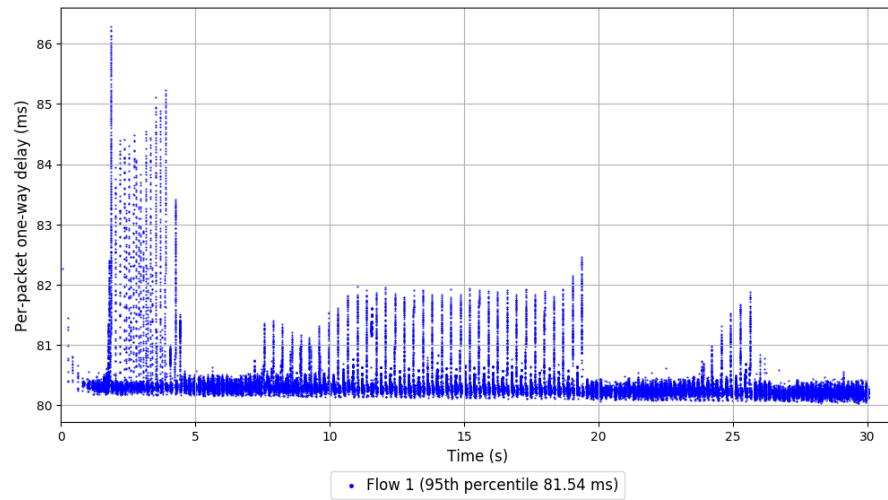
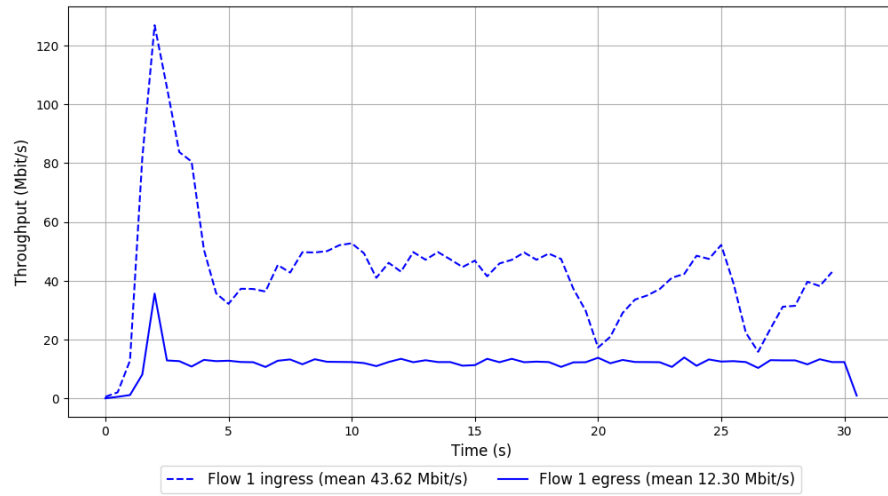
-- Flow 1:

Average throughput: 12.30 Mbit/s

95th percentile per-packet one-way delay: 81.544 ms

Loss rate: 71.79%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2019-01-24 15:59:29

End at: 2019-01-24 15:59:59

Local clock offset: -5.945 ms

Remote clock offset: 4.202 ms

Below is generated by plot.py at 2019-01-24 16:25:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.29 Mbit/s

95th percentile per-packet one-way delay: 81.666 ms

Loss rate: 74.35%

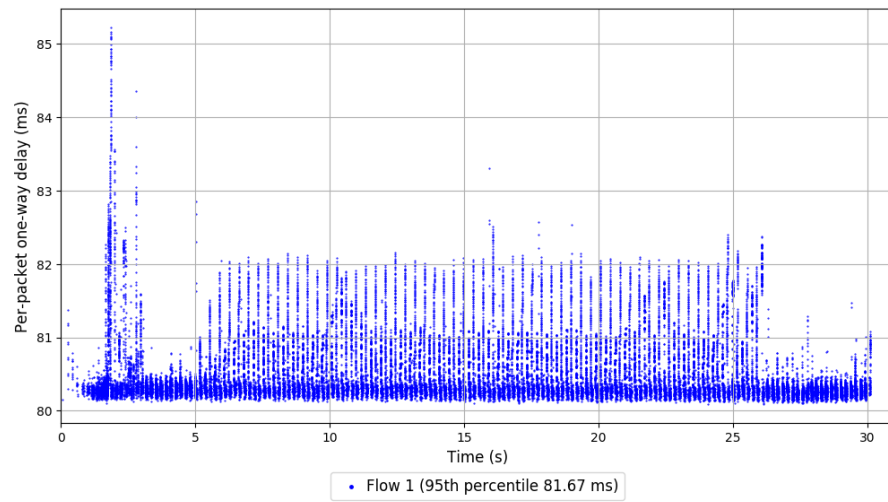
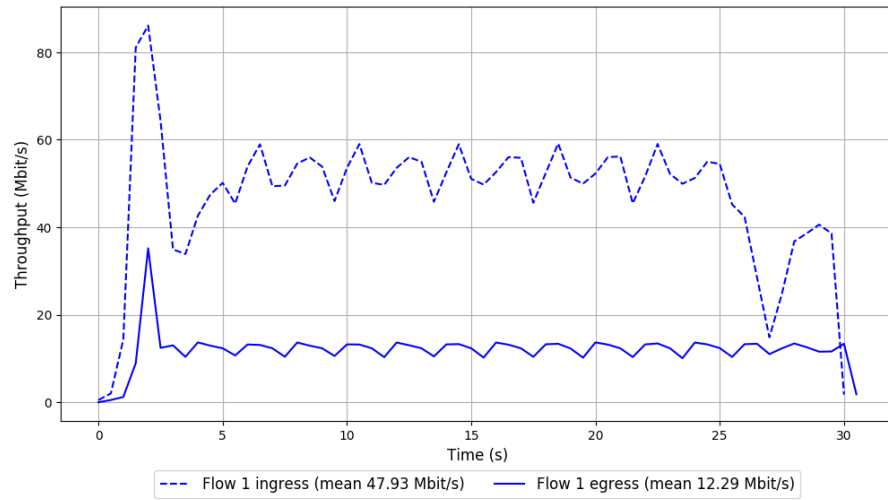
-- Flow 1:

Average throughput: 12.29 Mbit/s

95th percentile per-packet one-way delay: 81.666 ms

Loss rate: 74.35%

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-01-24 14:33:48

End at: 2019-01-24 14:34:18

Local clock offset: -3.404 ms

Remote clock offset: 4.882 ms

Below is generated by plot.py at 2019-01-24 16:26:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.88 Mbit/s

95th percentile per-packet one-way delay: 112.030 ms

Loss rate: 0.45%

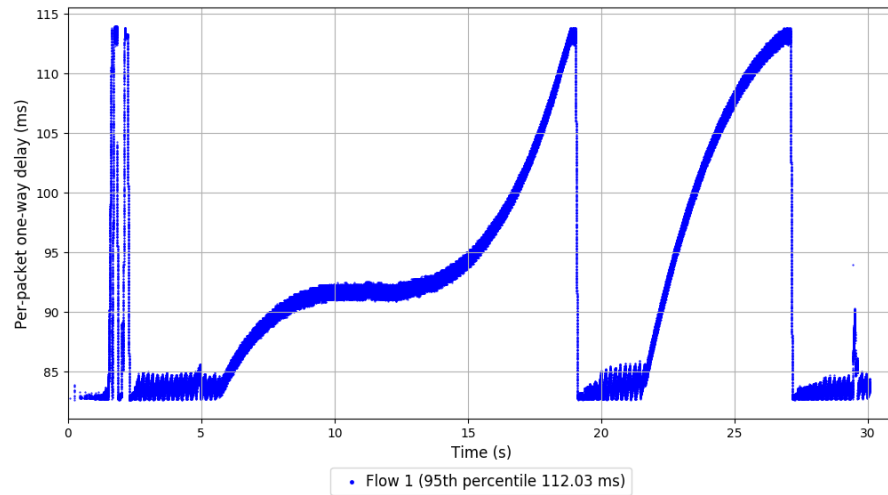
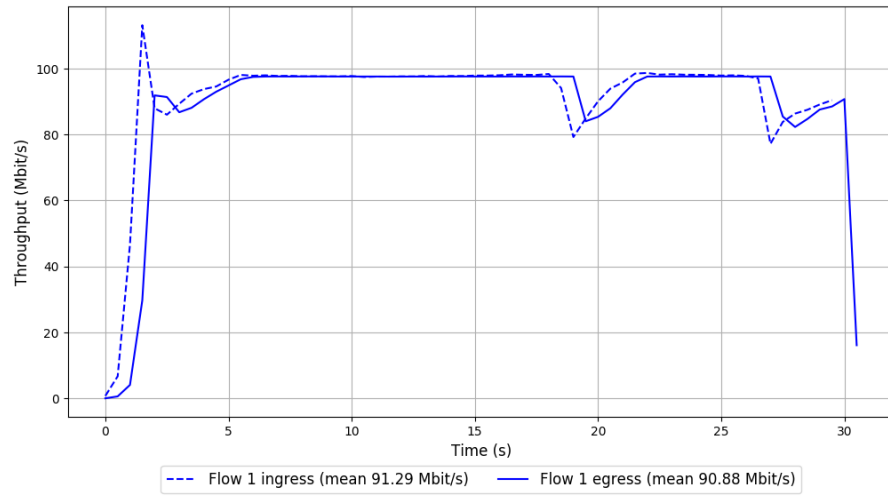
-- Flow 1:

Average throughput: 90.88 Mbit/s

95th percentile per-packet one-way delay: 112.030 ms

Loss rate: 0.45%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-01-24 14:58:26

End at: 2019-01-24 14:58:56

Local clock offset: -0.829 ms

Remote clock offset: 3.904 ms

Below is generated by plot.py at 2019-01-24 16:26:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.00 Mbit/s

95th percentile per-packet one-way delay: 109.827 ms

Loss rate: 0.46%

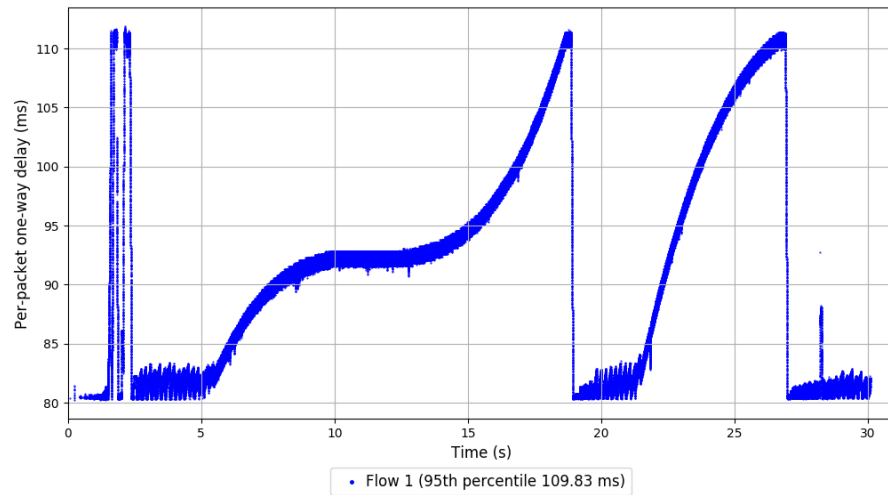
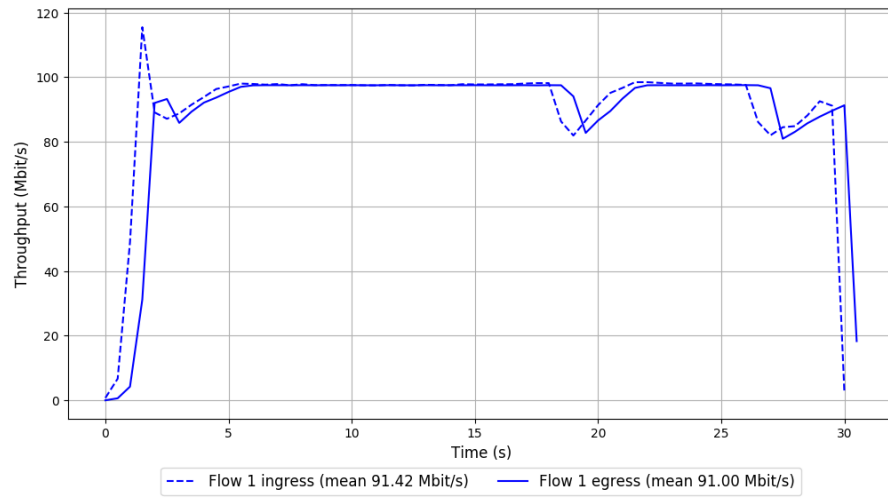
-- Flow 1:

Average throughput: 91.00 Mbit/s

95th percentile per-packet one-way delay: 109.827 ms

Loss rate: 0.46%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-01-24 15:23:03

End at: 2019-01-24 15:23:33

Local clock offset: -1.114 ms

Remote clock offset: 7.905 ms

Below is generated by plot.py at 2019-01-24 16:26:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.95 Mbit/s

95th percentile per-packet one-way delay: 112.657 ms

Loss rate: 0.44%

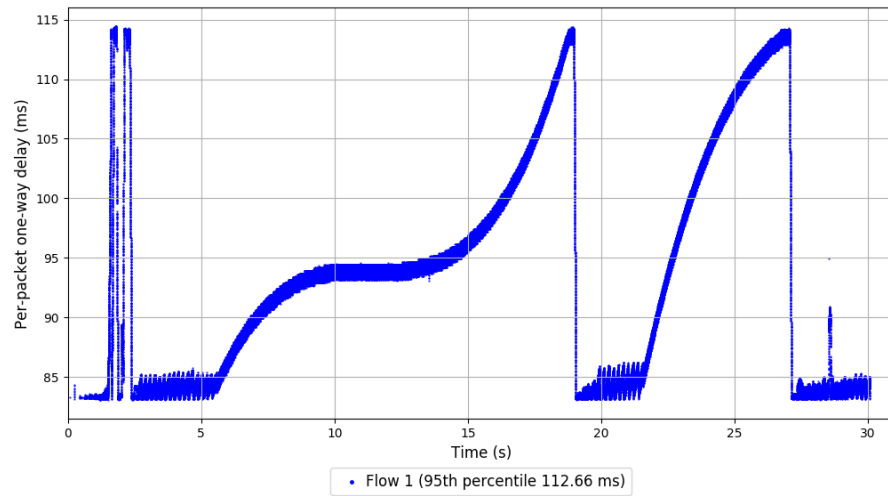
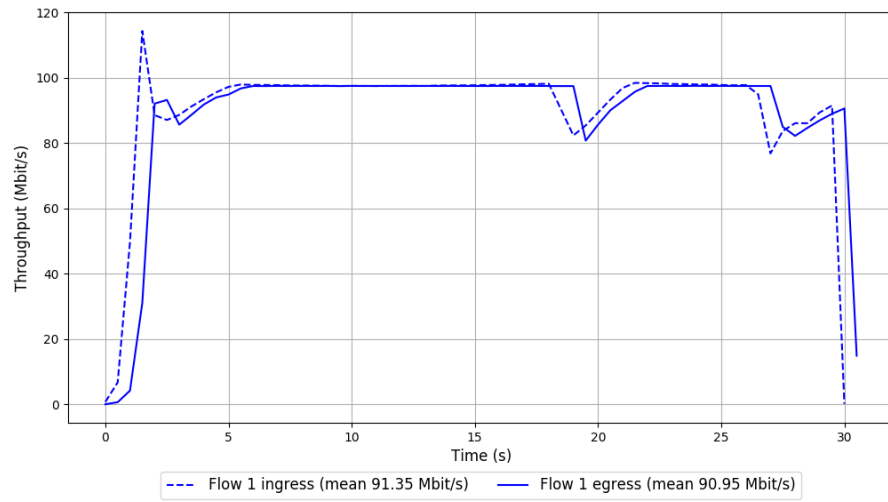
-- Flow 1:

Average throughput: 90.95 Mbit/s

95th percentile per-packet one-way delay: 112.657 ms

Loss rate: 0.44%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-01-24 15:47:42

End at: 2019-01-24 15:48:12

Local clock offset: -6.113 ms

Remote clock offset: 8.088 ms

Below is generated by plot.py at 2019-01-24 16:26:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.99 Mbit/s

95th percentile per-packet one-way delay: 114.749 ms

Loss rate: 0.46%

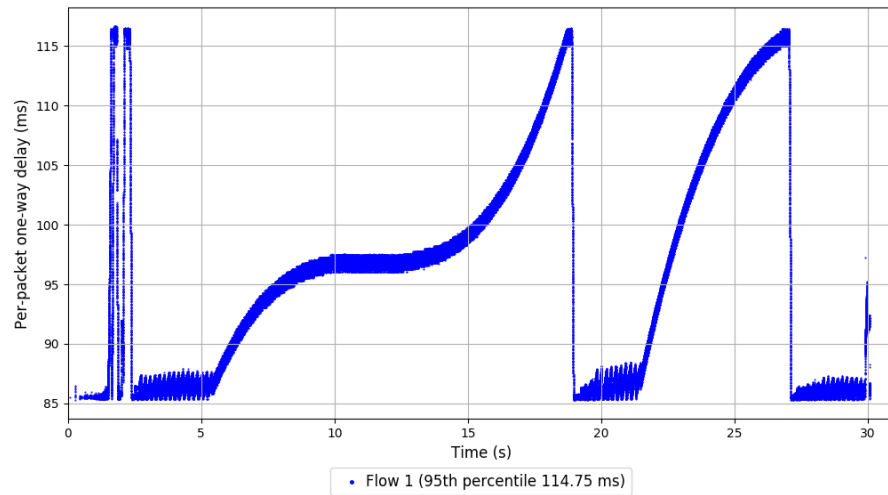
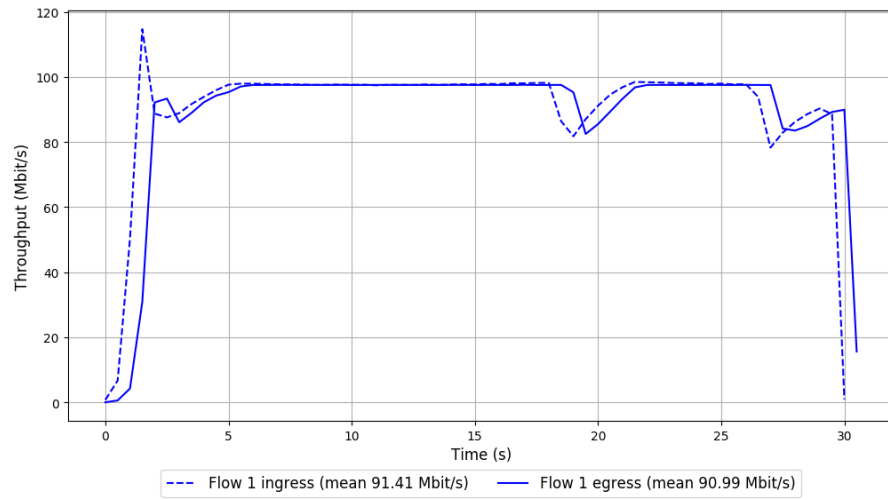
-- Flow 1:

Average throughput: 90.99 Mbit/s

95th percentile per-packet one-way delay: 114.749 ms

Loss rate: 0.46%

Run 4: Report of TCP Cubic — Data Link

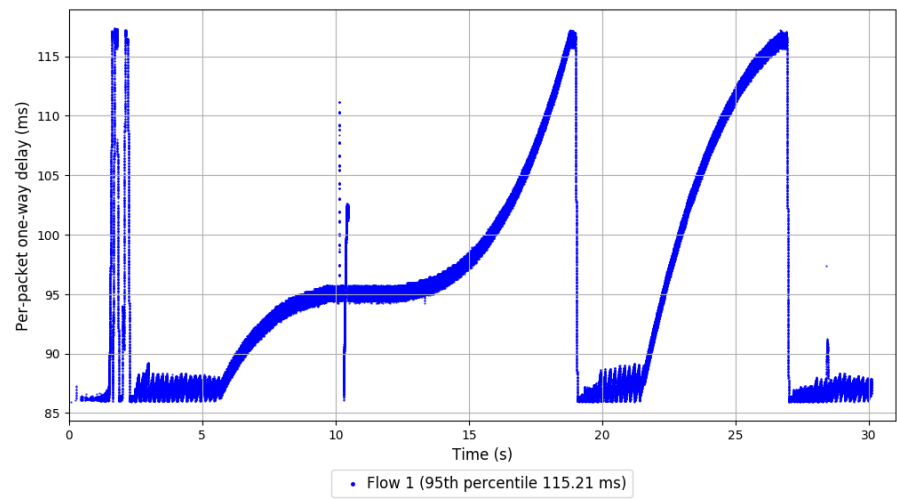
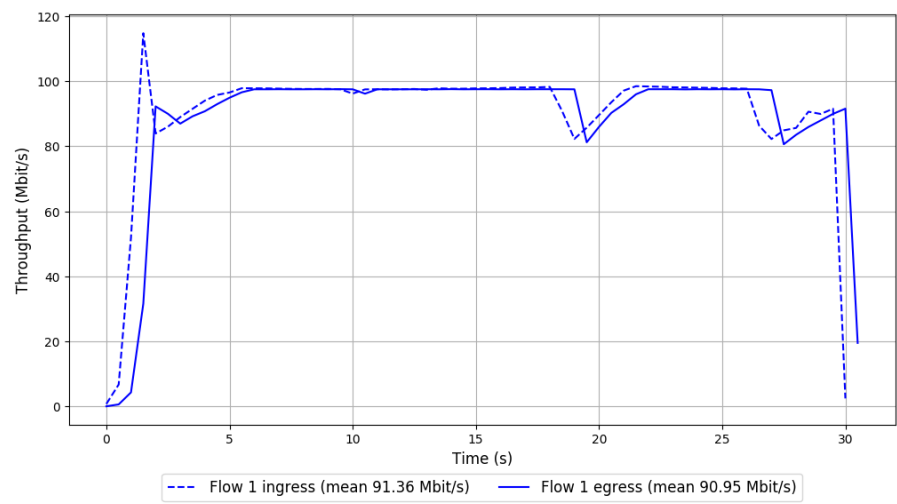


Run 5: Statistics of TCP Cubic

Start at: 2019-01-24 16:12:18
End at: 2019-01-24 16:12:48
Local clock offset: -7.374 ms
Remote clock offset: 10.325 ms

Below is generated by plot.py at 2019-01-24 16:26:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.95 Mbit/s
95th percentile per-packet one-way delay: 115.210 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 90.95 Mbit/s
95th percentile per-packet one-way delay: 115.210 ms
Loss rate: 0.44%

Run 5: Report of TCP Cubic — Data Link

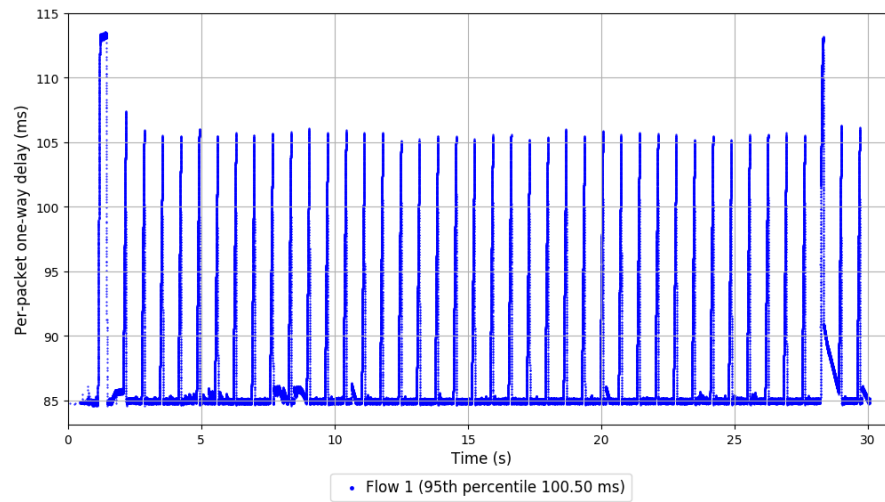
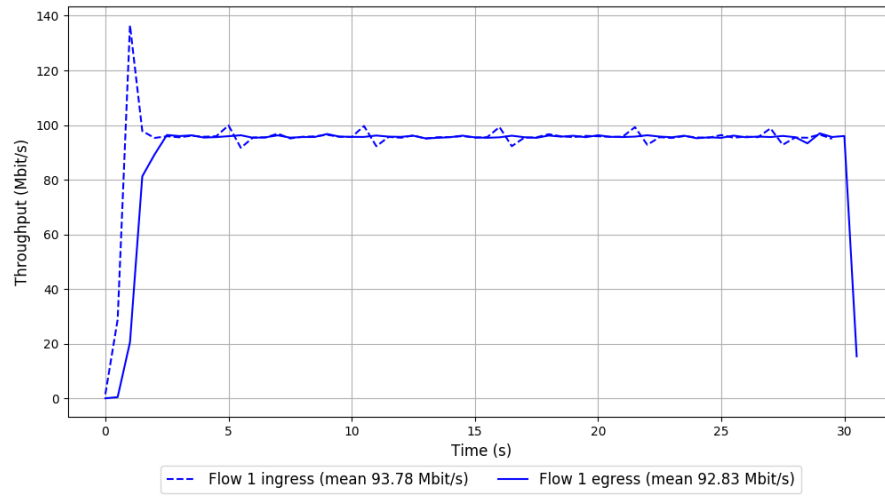


```
Run 1: Statistics of FillP

Start at: 2019-01-24 14:31:26
End at: 2019-01-24 14:31:56
Local clock offset: -3.681 ms
Remote clock offset: 8.854 ms

# Below is generated by plot.py at 2019-01-24 16:27:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 100.495 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 100.495 ms
Loss rate: 1.01%
```

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-01-24 14:56:04

End at: 2019-01-24 14:56:34

Local clock offset: -0.295 ms

Remote clock offset: 3.852 ms

Below is generated by plot.py at 2019-01-24 16:27:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.72 Mbit/s

95th percentile per-packet one-way delay: 96.532 ms

Loss rate: 0.79%

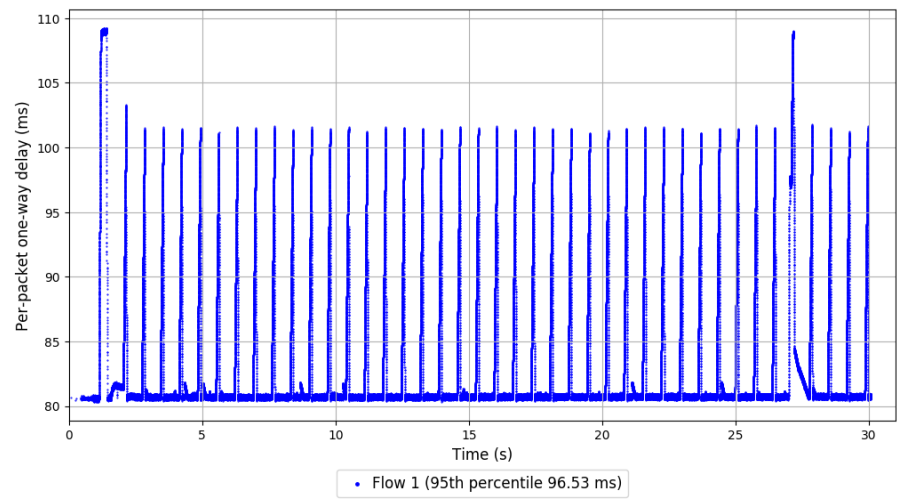
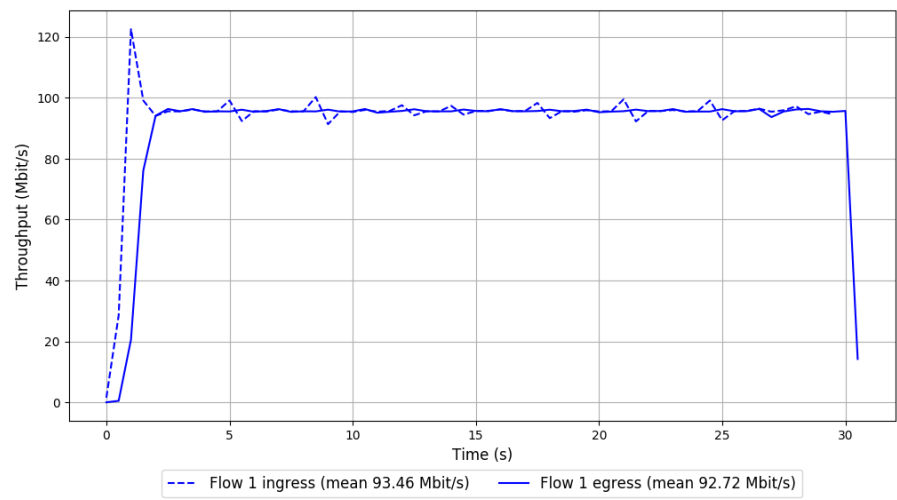
-- Flow 1:

Average throughput: 92.72 Mbit/s

95th percentile per-packet one-way delay: 96.532 ms

Loss rate: 0.79%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-01-24 15:20:41

End at: 2019-01-24 15:21:11

Local clock offset: -1.974 ms

Remote clock offset: 5.086 ms

Below is generated by plot.py at 2019-01-24 16:27:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.76 Mbit/s

95th percentile per-packet one-way delay: 99.749 ms

Loss rate: 0.97%

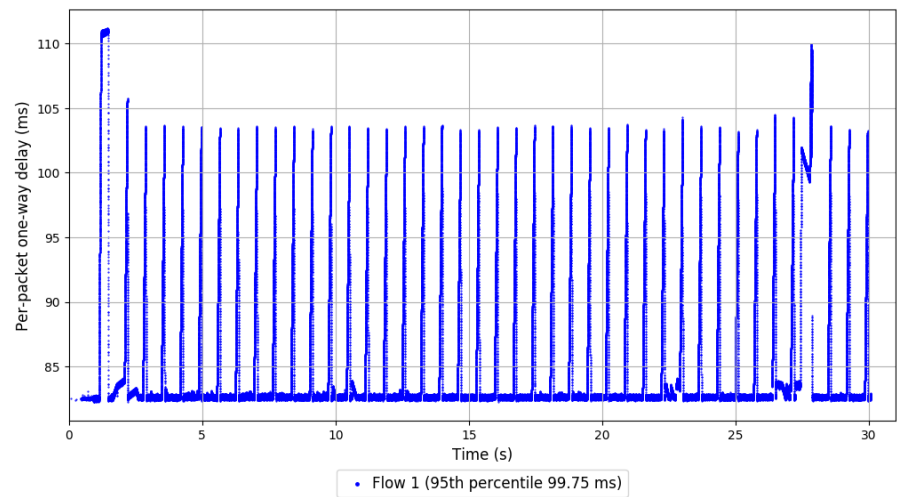
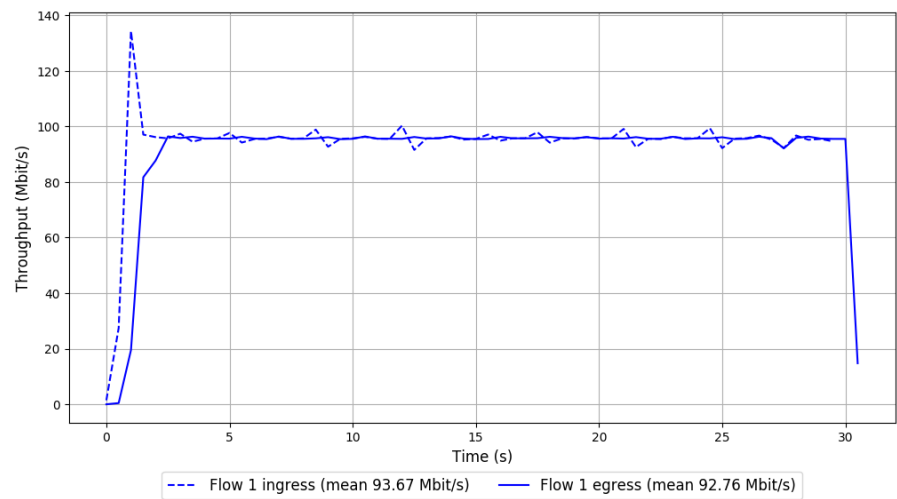
-- Flow 1:

Average throughput: 92.76 Mbit/s

95th percentile per-packet one-way delay: 99.749 ms

Loss rate: 0.97%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-01-24 15:45:19

End at: 2019-01-24 15:45:49

Local clock offset: -5.891 ms

Remote clock offset: 3.102 ms

Below is generated by plot.py at 2019-01-24 16:27:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.85 Mbit/s

95th percentile per-packet one-way delay: 96.621 ms

Loss rate: 1.01%

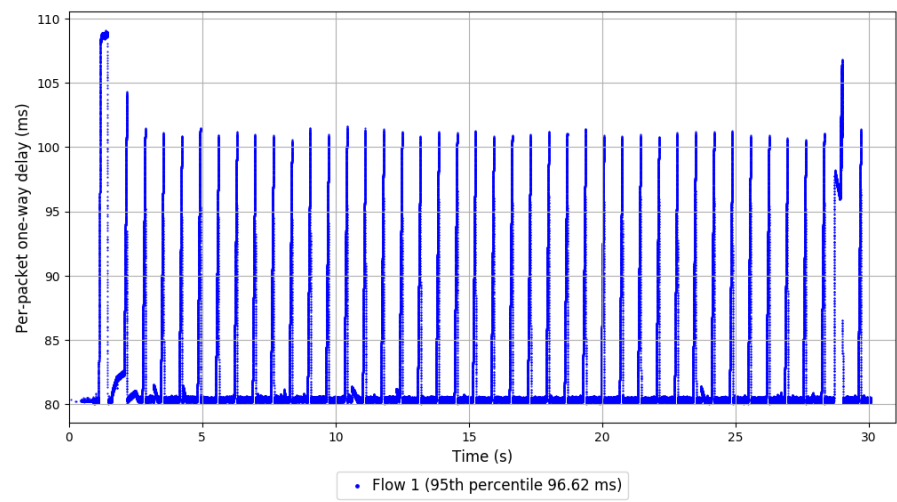
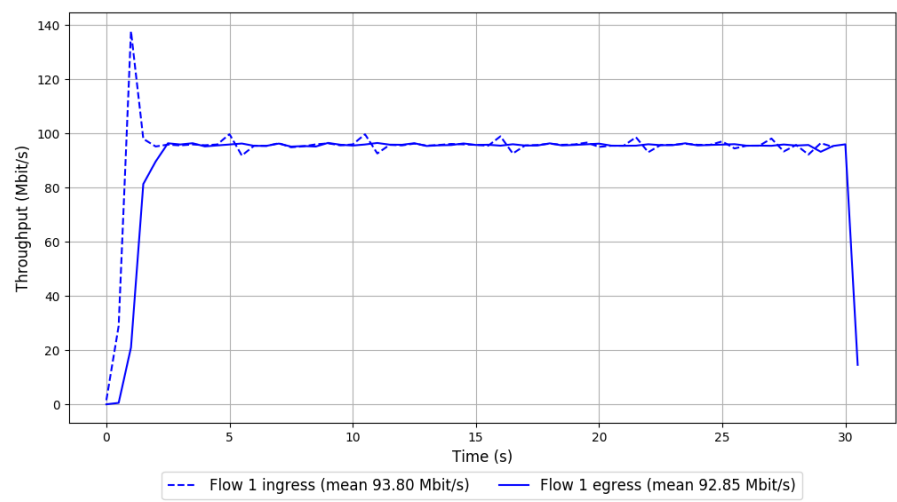
-- Flow 1:

Average throughput: 92.85 Mbit/s

95th percentile per-packet one-way delay: 96.621 ms

Loss rate: 1.01%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-01-24 16:09:56

End at: 2019-01-24 16:10:26

Local clock offset: -6.541 ms

Remote clock offset: 4.021 ms

Below is generated by plot.py at 2019-01-24 16:27:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.79 Mbit/s

95th percentile per-packet one-way delay: 96.583 ms

Loss rate: 1.01%

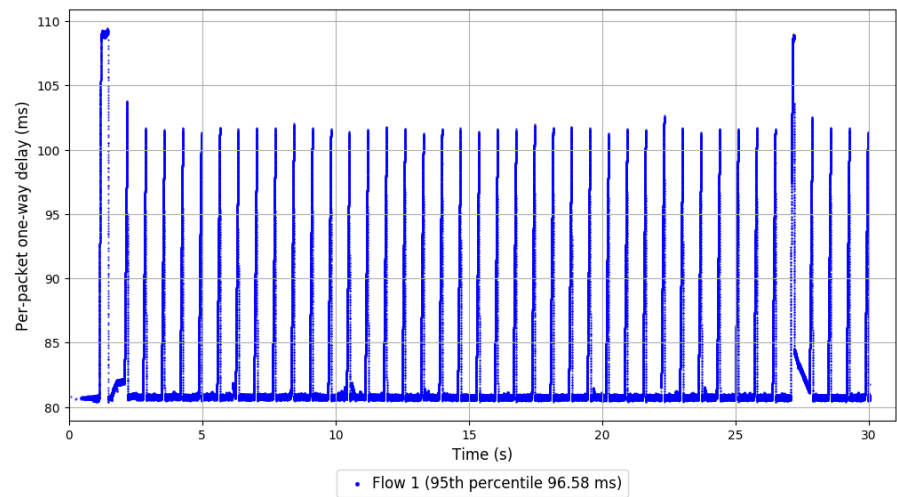
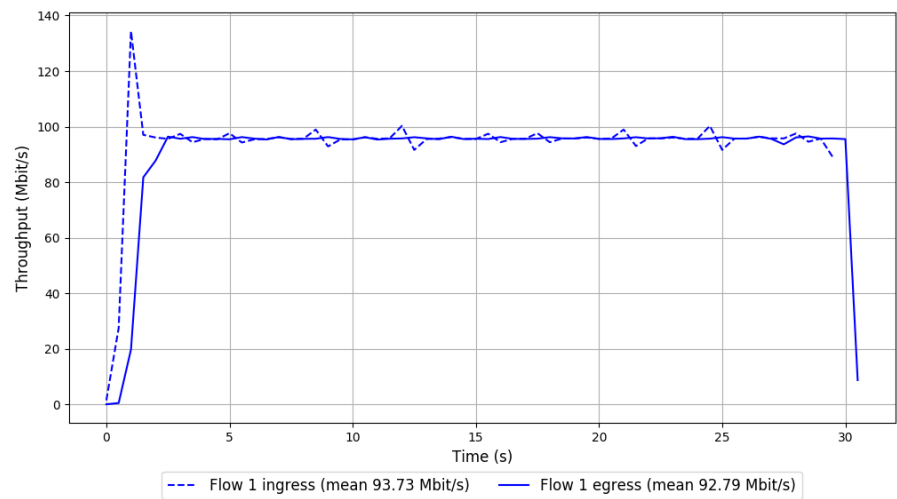
-- Flow 1:

Average throughput: 92.79 Mbit/s

95th percentile per-packet one-way delay: 96.583 ms

Loss rate: 1.01%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-01-24 14:26:46

End at: 2019-01-24 14:27:16

Local clock offset: -4.036 ms

Remote clock offset: 5.182 ms

Below is generated by plot.py at 2019-01-24 16:27:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.12 Mbit/s

95th percentile per-packet one-way delay: 98.709 ms

Loss rate: 1.03%

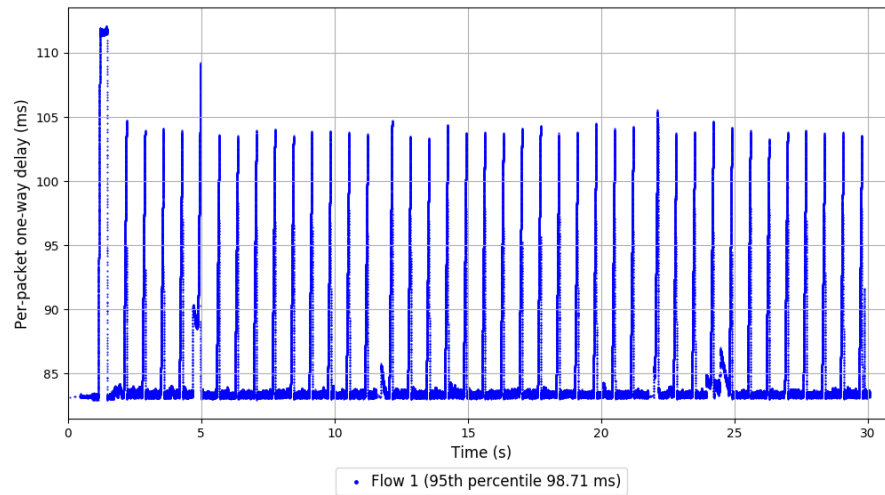
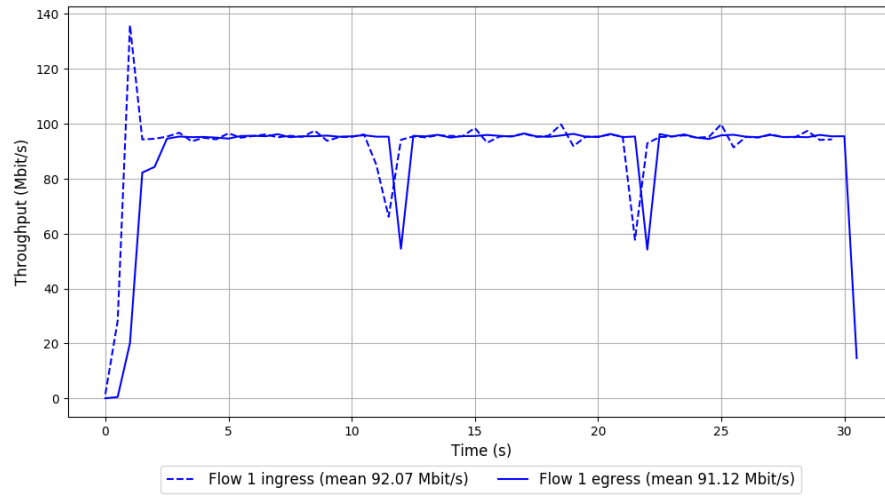
-- Flow 1:

Average throughput: 91.12 Mbit/s

95th percentile per-packet one-way delay: 98.709 ms

Loss rate: 1.03%

Run 1: Report of FillP-Sheep — Data Link

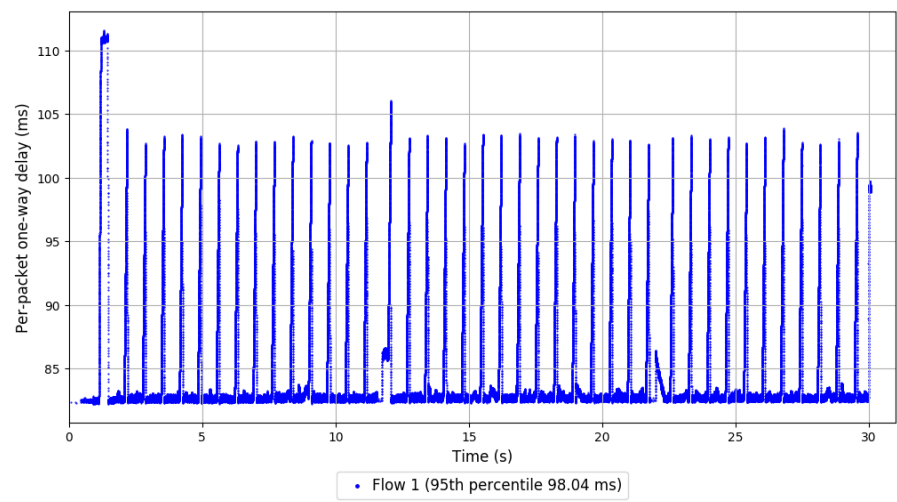
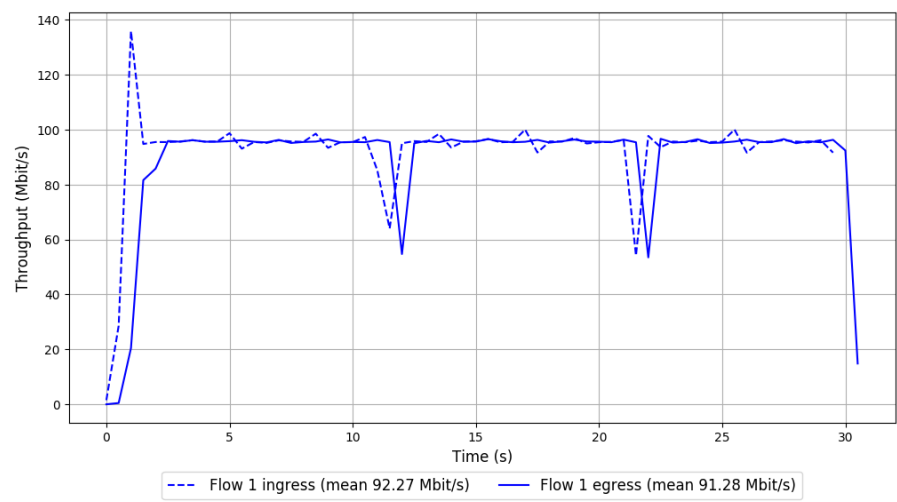


Run 2: Statistics of FillP-Sheep

Start at: 2019-01-24 14:51:23
End at: 2019-01-24 14:51:53
Local clock offset: -1.596 ms
Remote clock offset: 4.978 ms

Below is generated by plot.py at 2019-01-24 16:28:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 98.037 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 98.037 ms
Loss rate: 1.02%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2019-01-24 15:16:01

End at: 2019-01-24 15:16:31

Local clock offset: -2.059 ms

Remote clock offset: 7.759 ms

Below is generated by plot.py at 2019-01-24 16:28:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.07 Mbit/s

95th percentile per-packet one-way delay: 102.014 ms

Loss rate: 1.06%

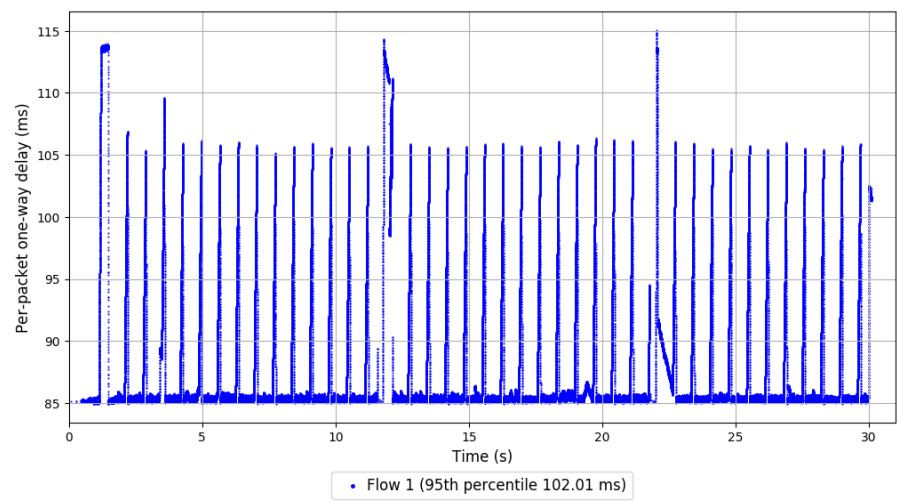
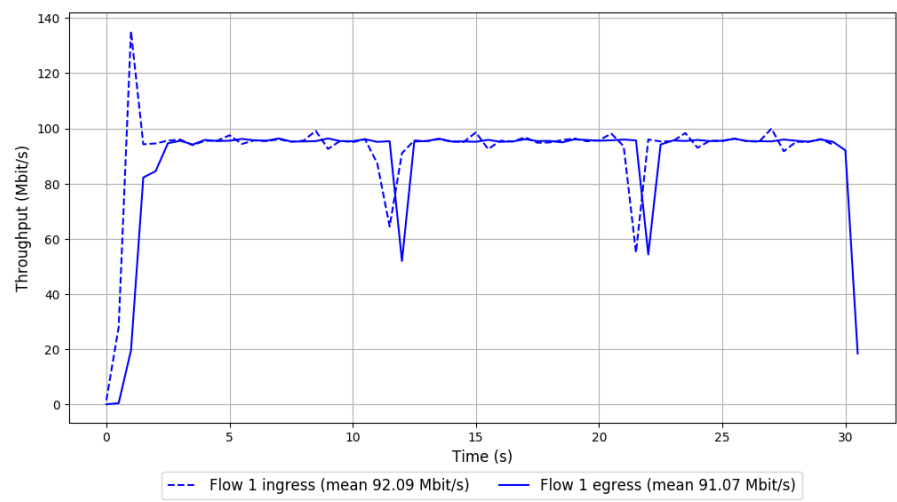
-- Flow 1:

Average throughput: 91.07 Mbit/s

95th percentile per-packet one-way delay: 102.014 ms

Loss rate: 1.06%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-01-24 15:40:39

End at: 2019-01-24 15:41:09

Local clock offset: -4.49 ms

Remote clock offset: 7.089 ms

Below is generated by plot.py at 2019-01-24 16:28:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.24 Mbit/s

95th percentile per-packet one-way delay: 100.242 ms

Loss rate: 0.98%

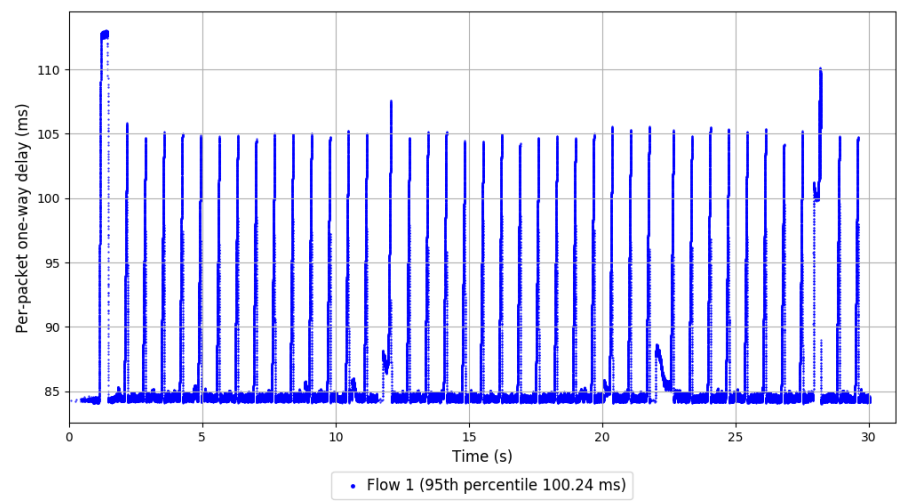
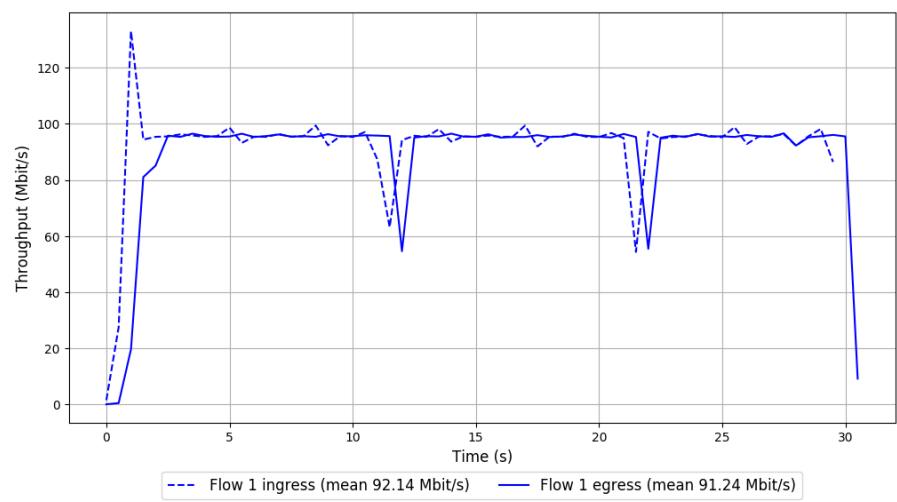
-- Flow 1:

Average throughput: 91.24 Mbit/s

95th percentile per-packet one-way delay: 100.242 ms

Loss rate: 0.98%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-01-24 16:05:17

End at: 2019-01-24 16:05:47

Local clock offset: -6.301 ms

Remote clock offset: 7.212 ms

Below is generated by plot.py at 2019-01-24 16:28:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.19 Mbit/s

95th percentile per-packet one-way delay: 100.228 ms

Loss rate: 0.97%

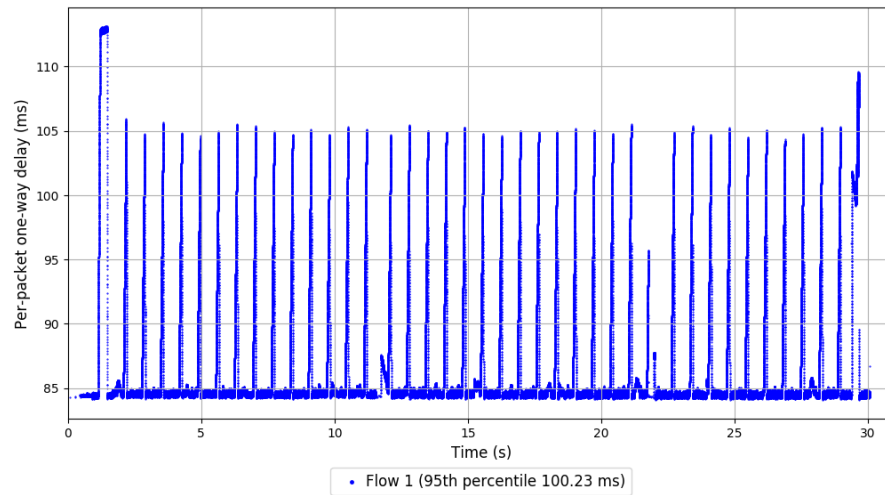
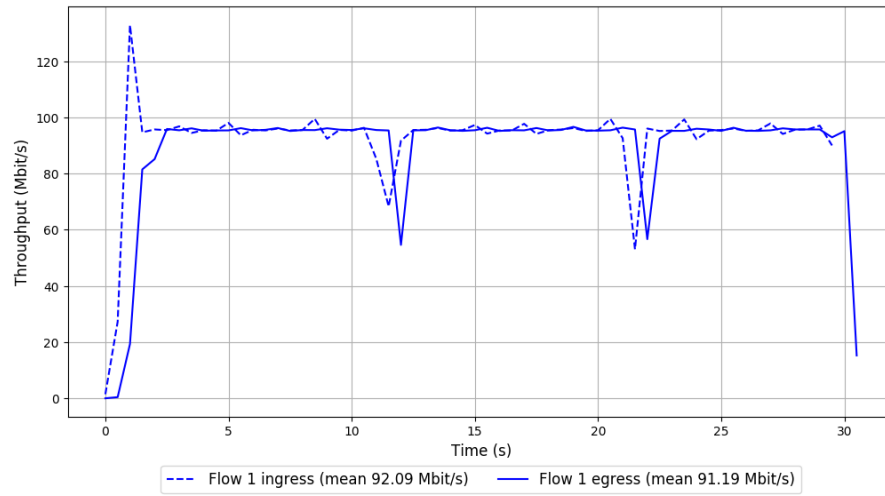
-- Flow 1:

Average throughput: 91.19 Mbit/s

95th percentile per-packet one-way delay: 100.228 ms

Loss rate: 0.97%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-01-24 14:44:22

End at: 2019-01-24 14:44:52

Local clock offset: -2.334 ms

Remote clock offset: 7.883 ms

Below is generated by plot.py at 2019-01-24 16:28:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.44 Mbit/s

95th percentile per-packet one-way delay: 89.898 ms

Loss rate: 0.68%

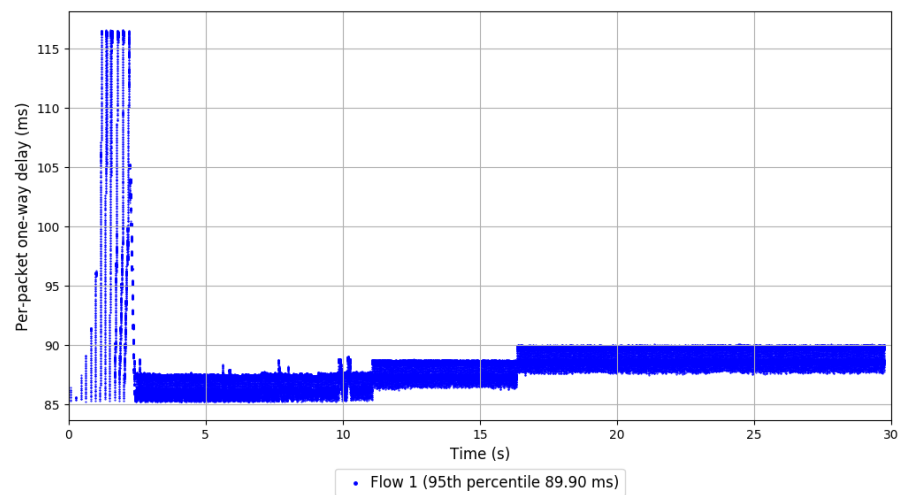
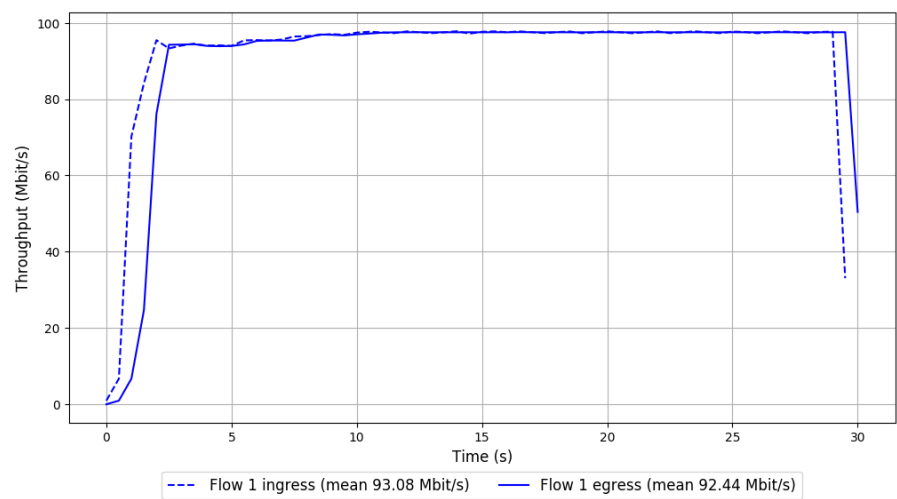
-- Flow 1:

Average throughput: 92.44 Mbit/s

95th percentile per-packet one-way delay: 89.898 ms

Loss rate: 0.68%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-01-24 15:09:01

End at: 2019-01-24 15:09:31

Local clock offset: -1.94 ms

Remote clock offset: 3.829 ms

Below is generated by plot.py at 2019-01-24 16:28:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.72 Mbit/s

95th percentile per-packet one-way delay: 83.912 ms

Loss rate: 1.16%

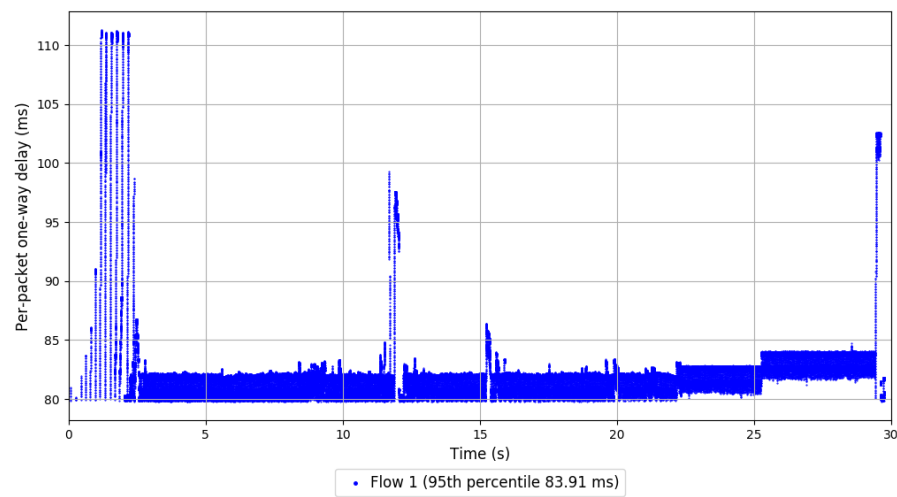
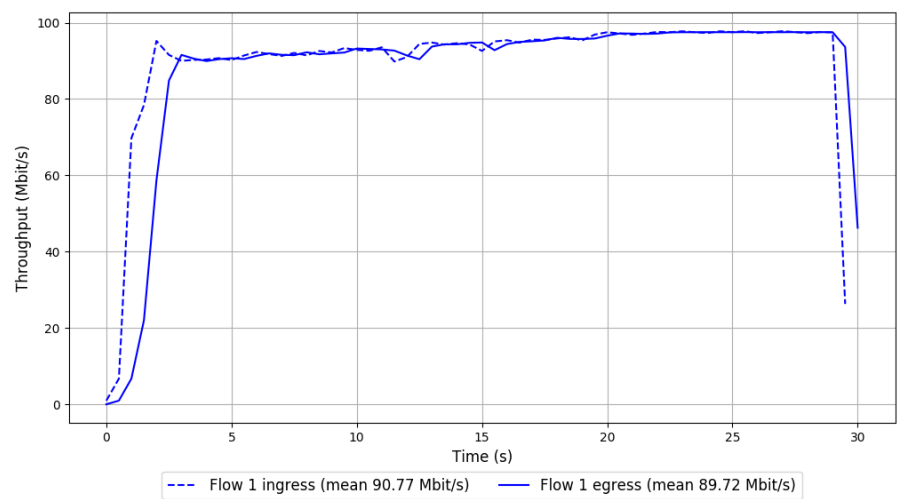
-- Flow 1:

Average throughput: 89.72 Mbit/s

95th percentile per-packet one-way delay: 83.912 ms

Loss rate: 1.16%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-01-24 15:33:38

End at: 2019-01-24 15:34:08

Local clock offset: -2.702 ms

Remote clock offset: 8.496 ms

Below is generated by plot.py at 2019-01-24 16:28:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.90 Mbit/s

95th percentile per-packet one-way delay: 88.603 ms

Loss rate: 1.25%

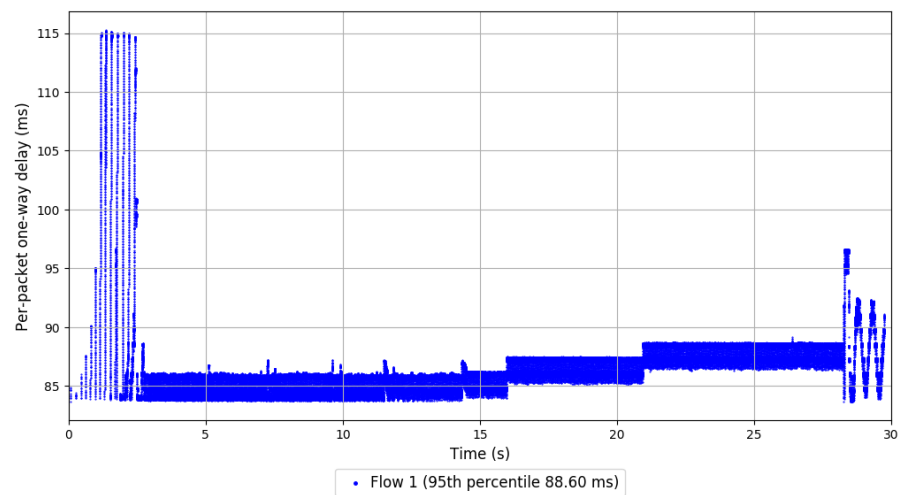
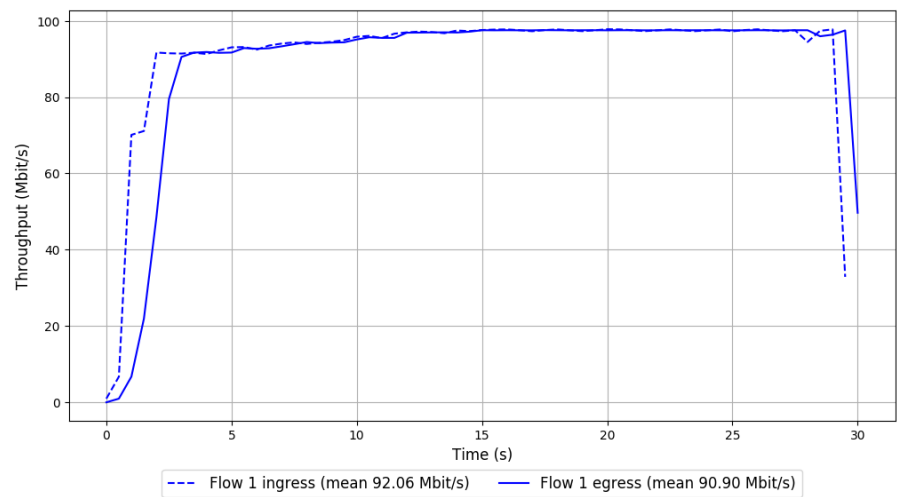
-- Flow 1:

Average throughput: 90.90 Mbit/s

95th percentile per-packet one-way delay: 88.603 ms

Loss rate: 1.25%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-01-24 15:58:16

End at: 2019-01-24 15:58:46

Local clock offset: -6.677 ms

Remote clock offset: 4.159 ms

Below is generated by plot.py at 2019-01-24 16:28:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.94 Mbit/s

95th percentile per-packet one-way delay: 86.692 ms

Loss rate: 1.14%

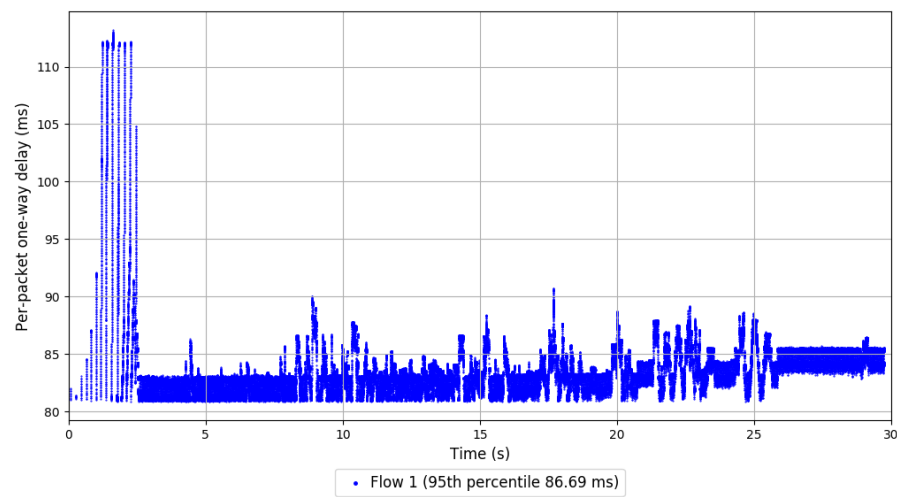
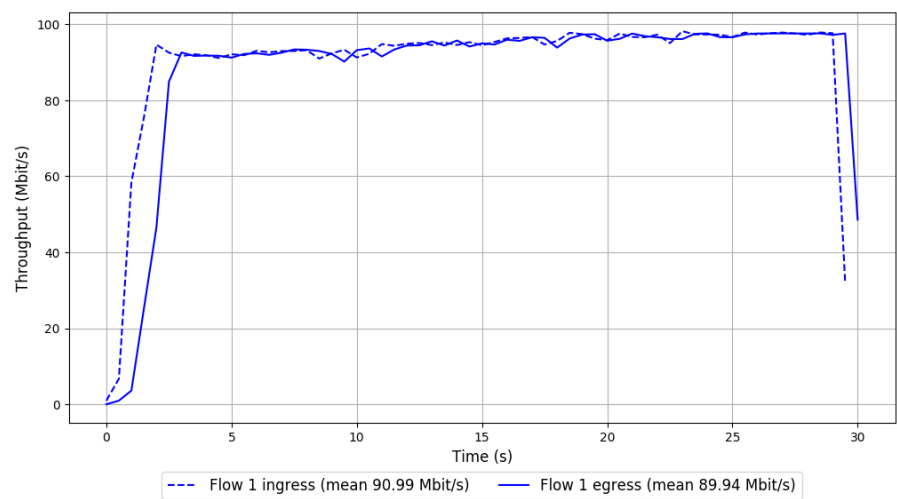
-- Flow 1:

Average throughput: 89.94 Mbit/s

95th percentile per-packet one-way delay: 86.692 ms

Loss rate: 1.14%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-01-24 16:22:58

End at: 2019-01-24 16:23:28

Local clock offset: -6.899 ms

Remote clock offset: 8.693 ms

Below is generated by plot.py at 2019-01-24 16:29:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.10 Mbit/s

95th percentile per-packet one-way delay: 89.022 ms

Loss rate: 0.85%

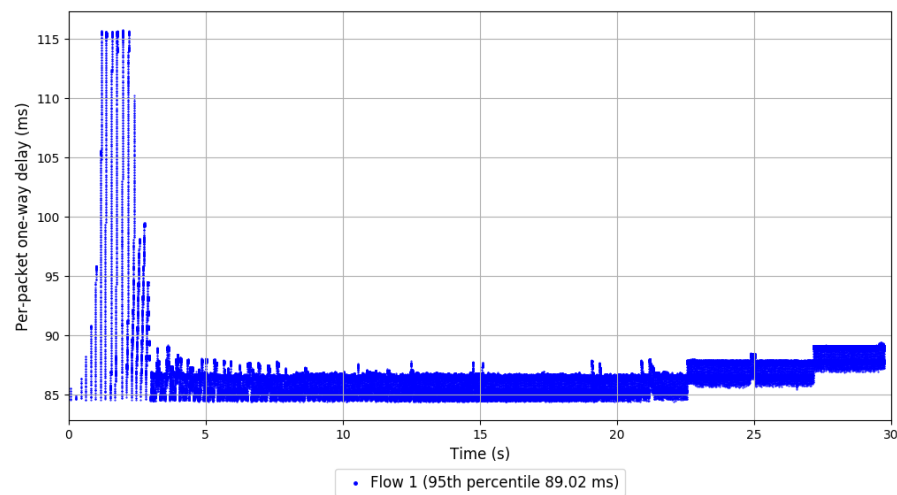
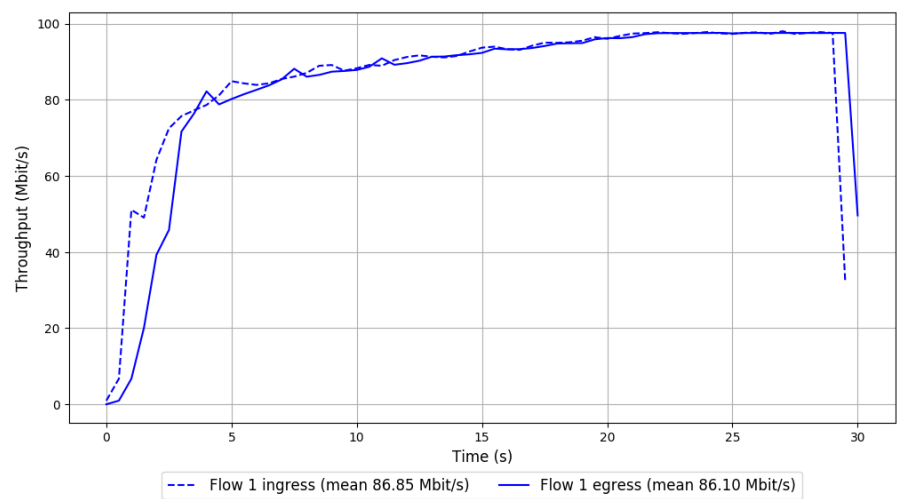
-- Flow 1:

Average throughput: 86.10 Mbit/s

95th percentile per-packet one-way delay: 89.022 ms

Loss rate: 0.85%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-01-24 14:36:12

End at: 2019-01-24 14:36:42

Local clock offset: -3.171 ms

Remote clock offset: 3.962 ms

Below is generated by plot.py at 2019-01-24 16:29:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.05 Mbit/s

95th percentile per-packet one-way delay: 94.202 ms

Loss rate: 0.38%

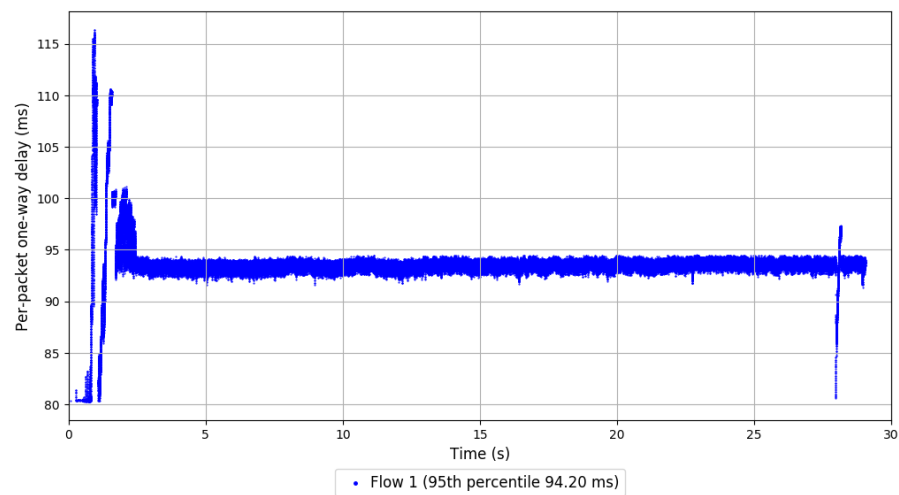
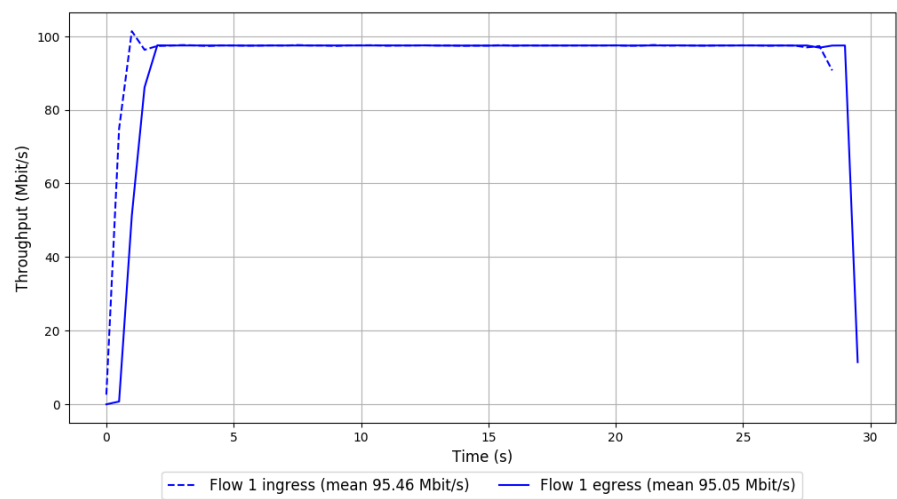
-- Flow 1:

Average throughput: 95.05 Mbit/s

95th percentile per-packet one-way delay: 94.202 ms

Loss rate: 0.38%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-01-24 15:00:50

End at: 2019-01-24 15:01:20

Local clock offset: -0.12 ms

Remote clock offset: 3.841 ms

Below is generated by plot.py at 2019-01-24 16:29:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.90 Mbit/s

95th percentile per-packet one-way delay: 93.356 ms

Loss rate: 0.15%

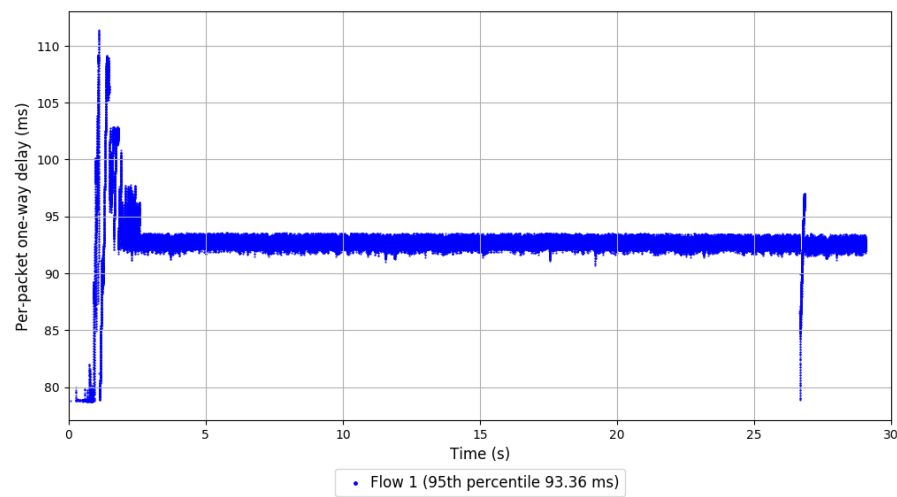
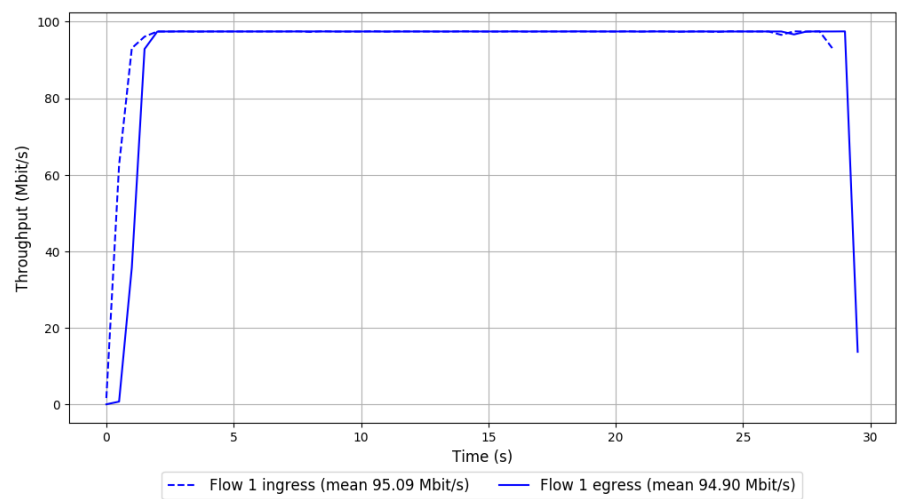
-- Flow 1:

Average throughput: 94.90 Mbit/s

95th percentile per-packet one-way delay: 93.356 ms

Loss rate: 0.15%

Run 2: Report of Indigo-MusesC3 — Data Link



Run 3: Statistics of Indigo-MusesC3

Start at: 2019-01-24 15:25:27

End at: 2019-01-24 15:25:57

Local clock offset: -1.042 ms

Remote clock offset: 8.675 ms

Below is generated by plot.py at 2019-01-24 16:29:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.33 Mbit/s

95th percentile per-packet one-way delay: 102.406 ms

Loss rate: 0.06%

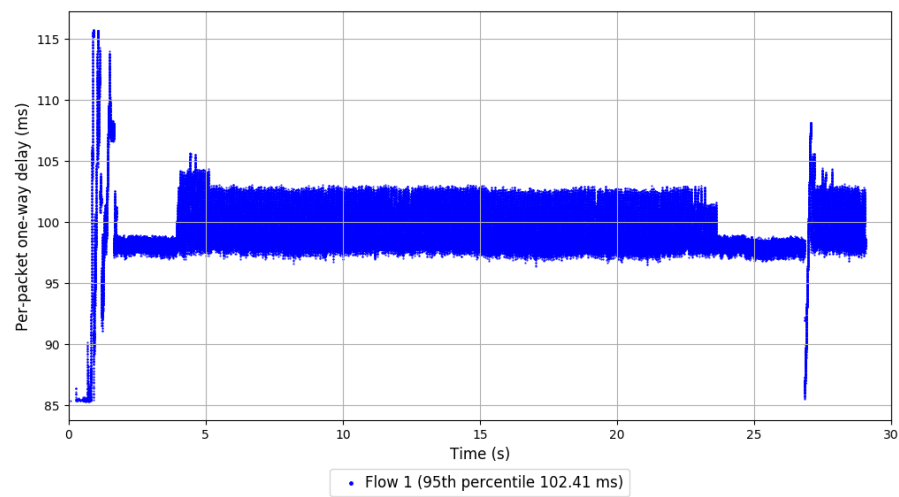
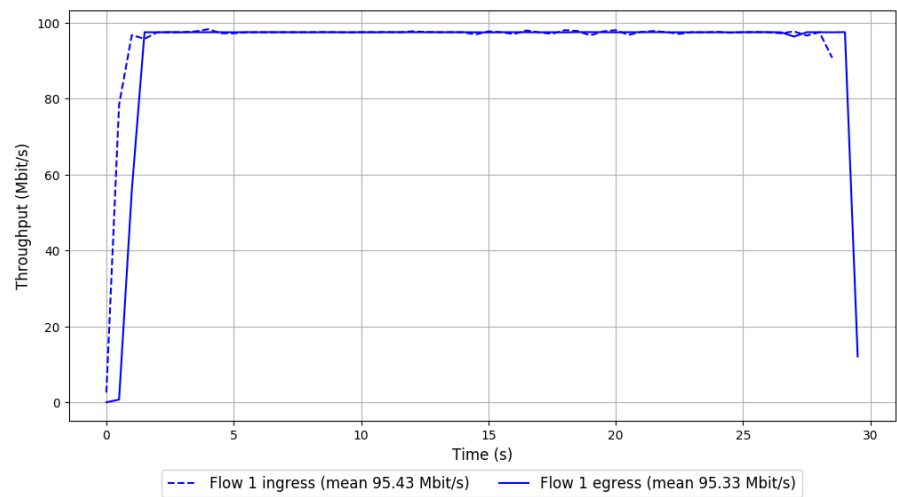
-- Flow 1:

Average throughput: 95.33 Mbit/s

95th percentile per-packet one-way delay: 102.406 ms

Loss rate: 0.06%

Run 3: Report of Indigo-MusesC3 — Data Link

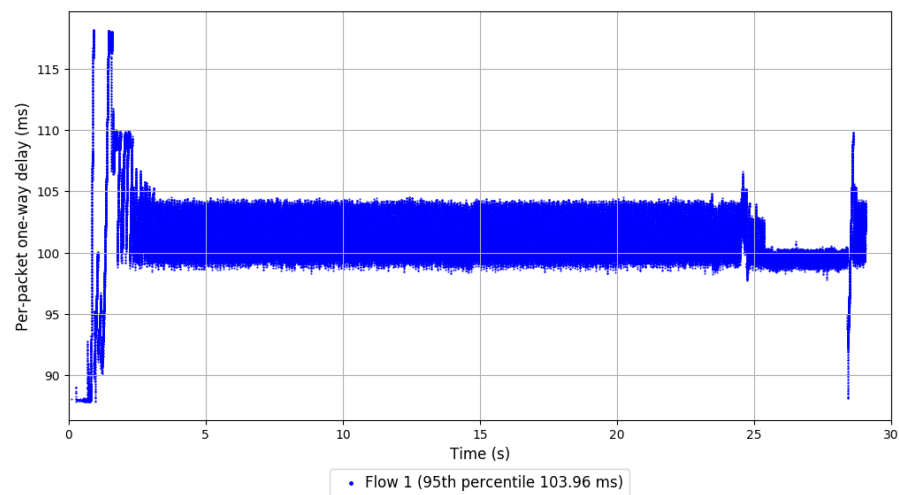
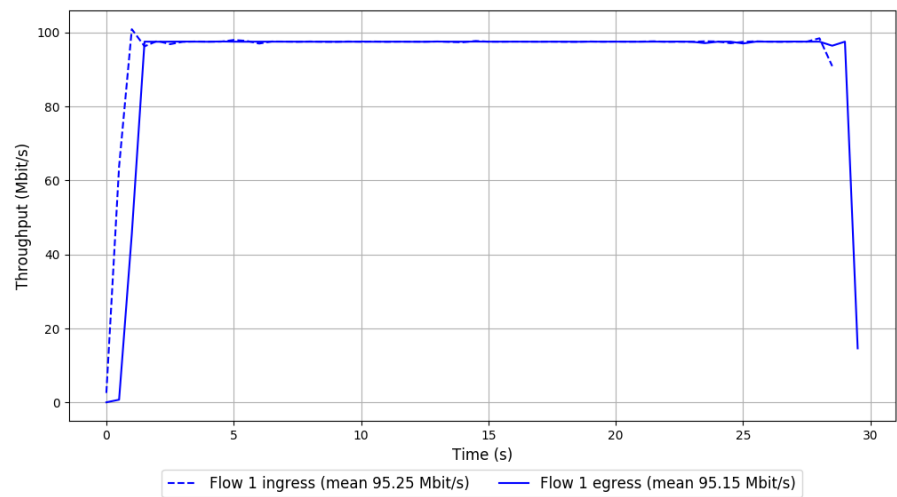


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-01-24 15:50:05
End at: 2019-01-24 15:50:35
Local clock offset: -6.383 ms
Remote clock offset: 9.228 ms

Below is generated by plot.py at 2019-01-24 16:29:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.15 Mbit/s
95th percentile per-packet one-way delay: 103.963 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 95.15 Mbit/s
95th percentile per-packet one-way delay: 103.963 ms
Loss rate: 0.06%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-01-24 16:14:42

End at: 2019-01-24 16:15:12

Local clock offset: -6.684 ms

Remote clock offset: 4.36 ms

Below is generated by plot.py at 2019-01-24 16:29:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.75 Mbit/s

95th percentile per-packet one-way delay: 93.045 ms

Loss rate: 0.92%

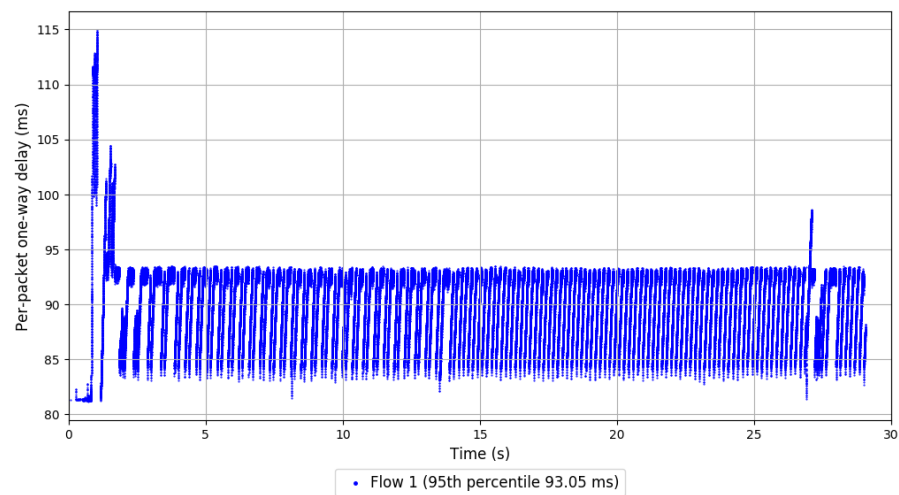
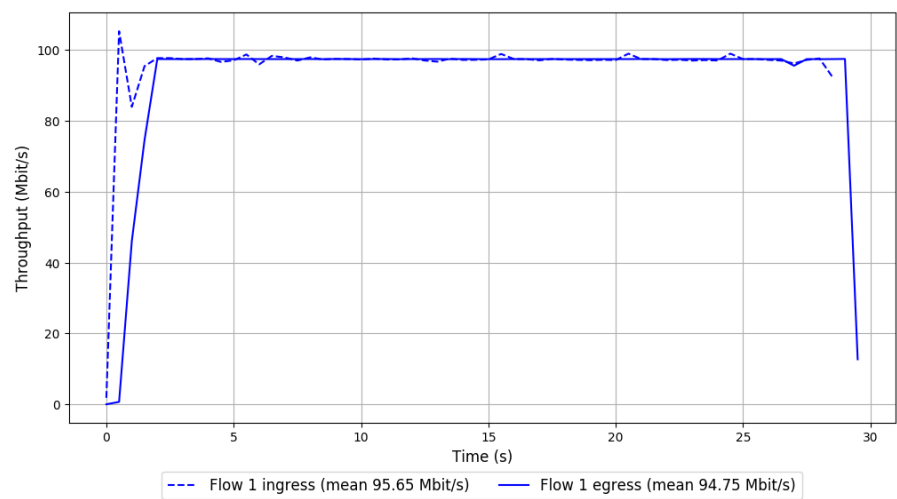
-- Flow 1:

Average throughput: 94.75 Mbit/s

95th percentile per-packet one-way delay: 93.045 ms

Loss rate: 0.92%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-01-24 14:35:00

End at: 2019-01-24 14:35:30

Local clock offset: -2.513 ms

Remote clock offset: 8.987 ms

Below is generated by plot.py at 2019-01-24 16:29:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.06 Mbit/s

95th percentile per-packet one-way delay: 91.037 ms

Loss rate: 0.00%

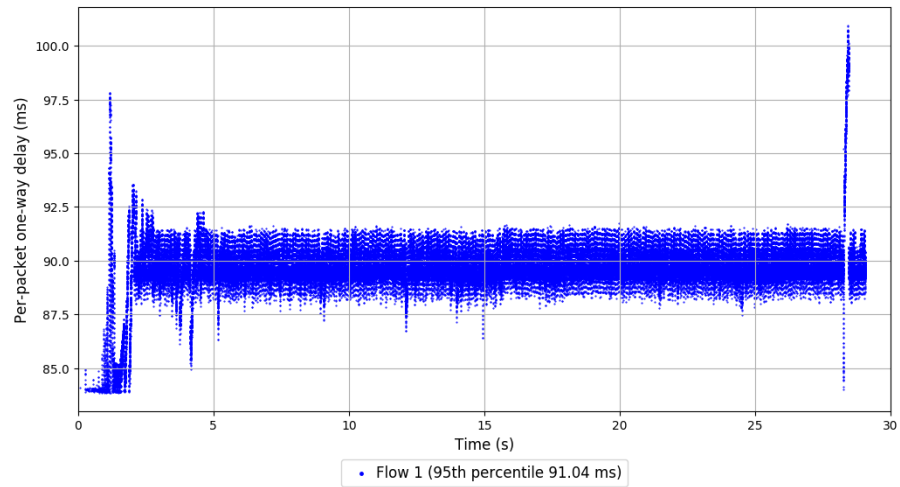
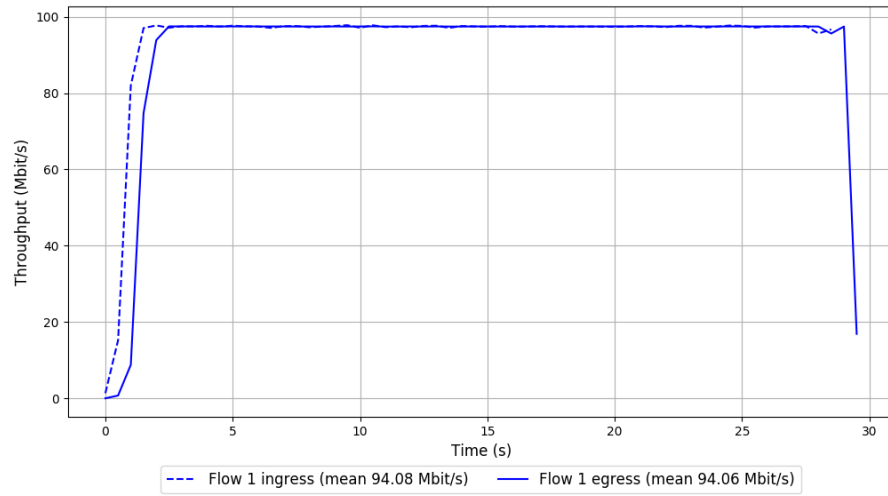
-- Flow 1:

Average throughput: 94.06 Mbit/s

95th percentile per-packet one-way delay: 91.037 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-01-24 14:59:38

End at: 2019-01-24 15:00:08

Local clock offset: 0.018 ms

Remote clock offset: 4.984 ms

Below is generated by plot.py at 2019-01-24 16:29:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.49 Mbit/s

95th percentile per-packet one-way delay: 92.255 ms

Loss rate: 0.00%

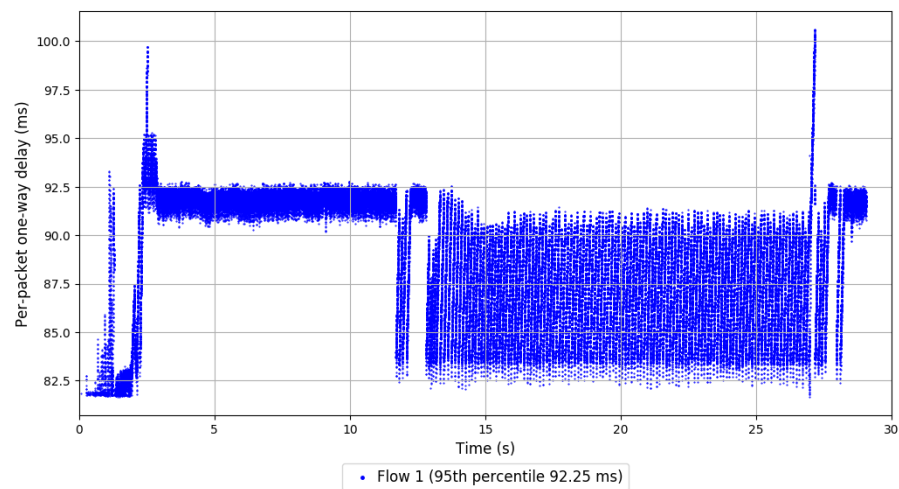
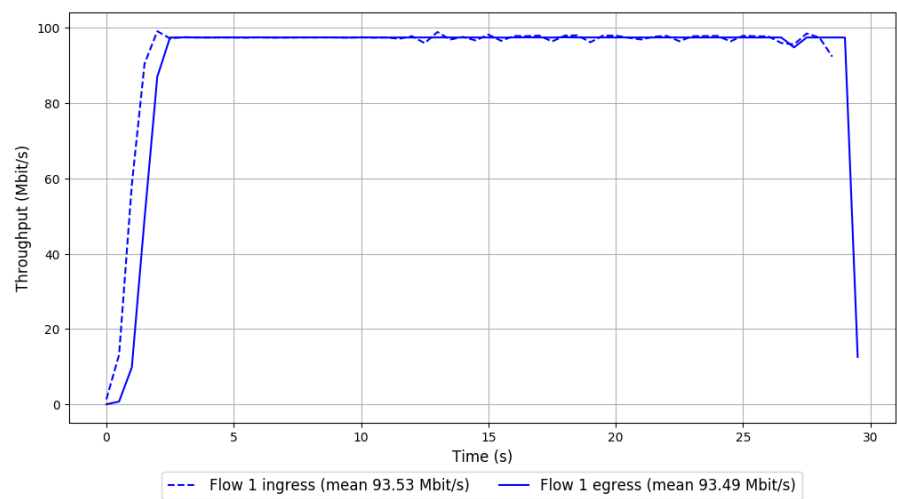
-- Flow 1:

Average throughput: 93.49 Mbit/s

95th percentile per-packet one-way delay: 92.255 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link

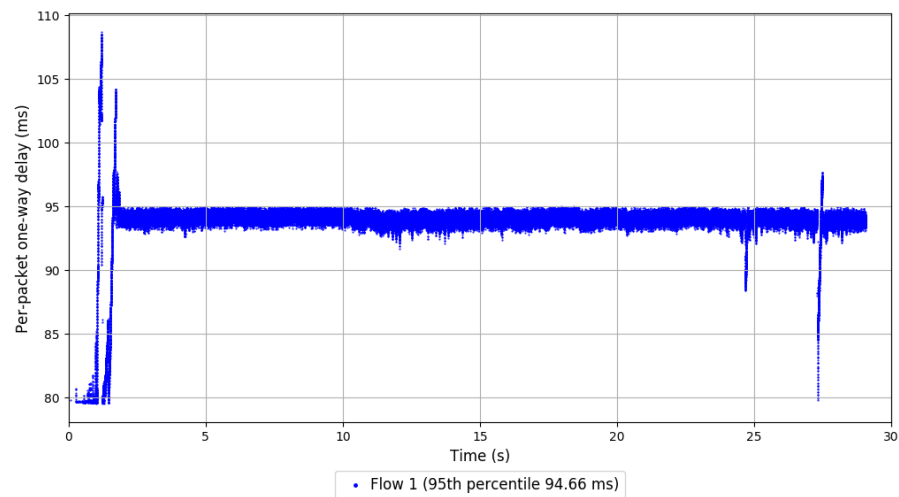
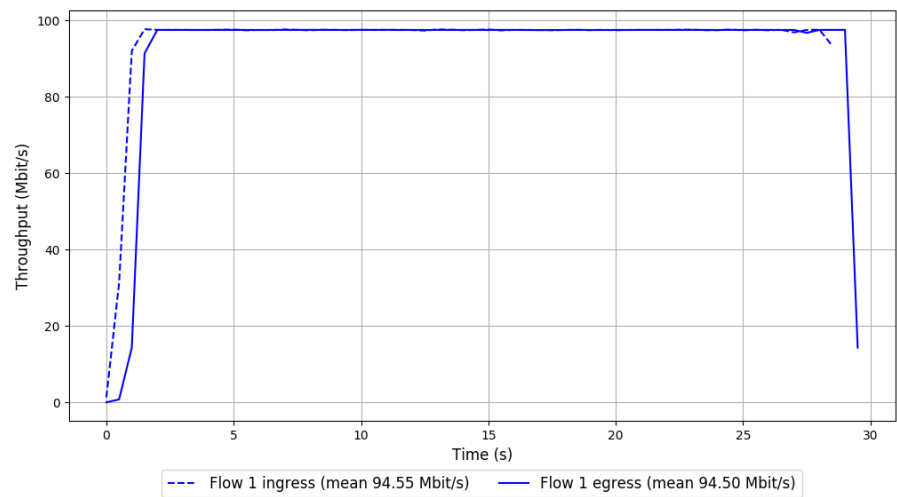


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-01-24 15:24:15
End at: 2019-01-24 15:24:45
Local clock offset: -1.839 ms
Remote clock offset: 3.913 ms

Below is generated by plot.py at 2019-01-24 16:30:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 94.658 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 94.658 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-01-24 15:48:53

End at: 2019-01-24 15:49:24

Local clock offset: -6.198 ms

Remote clock offset: 8.029 ms

Below is generated by plot.py at 2019-01-24 16:30:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.21 Mbit/s

95th percentile per-packet one-way delay: 95.037 ms

Loss rate: 0.00%

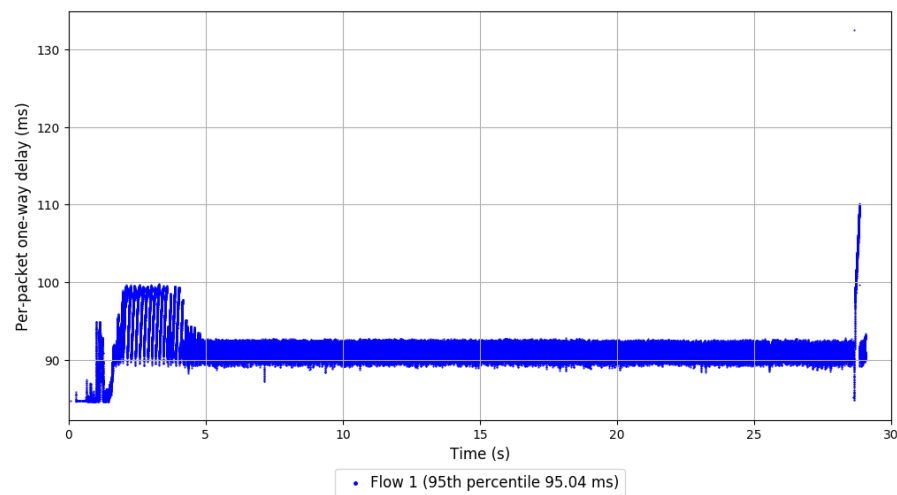
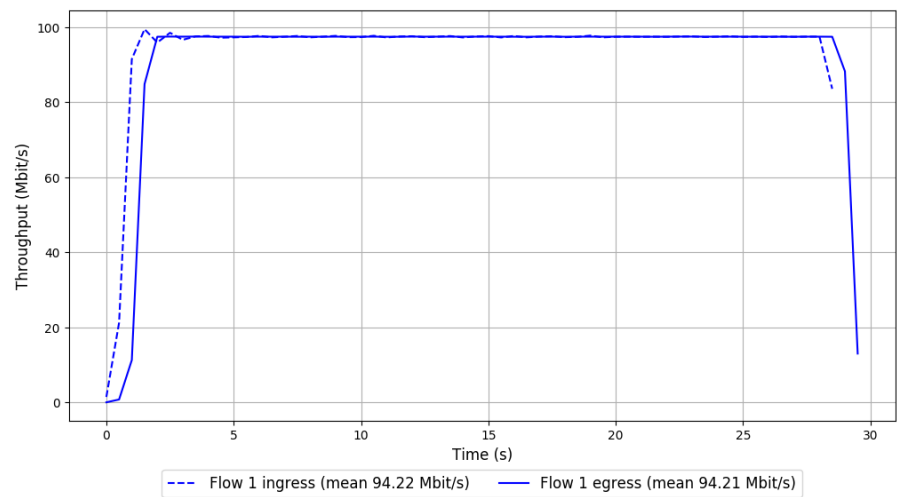
-- Flow 1:

Average throughput: 94.21 Mbit/s

95th percentile per-packet one-way delay: 95.037 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-01-24 16:13:30

End at: 2019-01-24 16:14:00

Local clock offset: -7.406 ms

Remote clock offset: 4.305 ms

Below is generated by plot.py at 2019-01-24 16:30:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.20 Mbit/s

95th percentile per-packet one-way delay: 94.732 ms

Loss rate: 0.00%

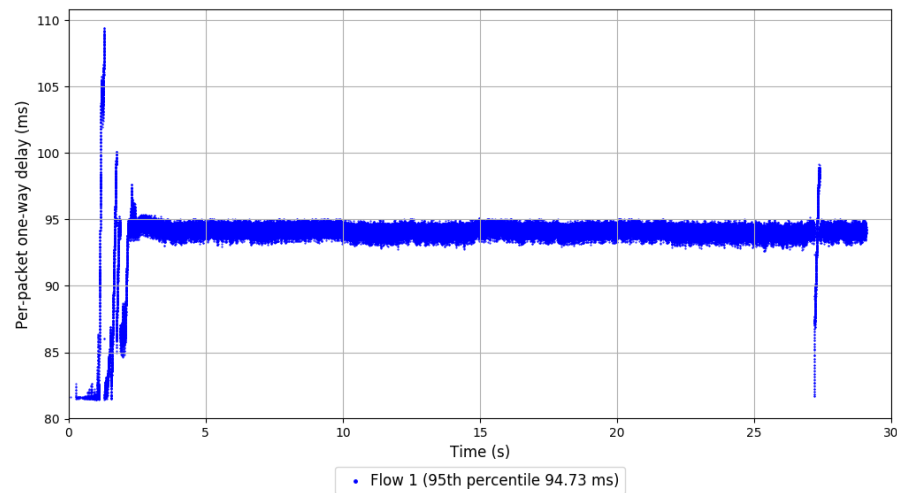
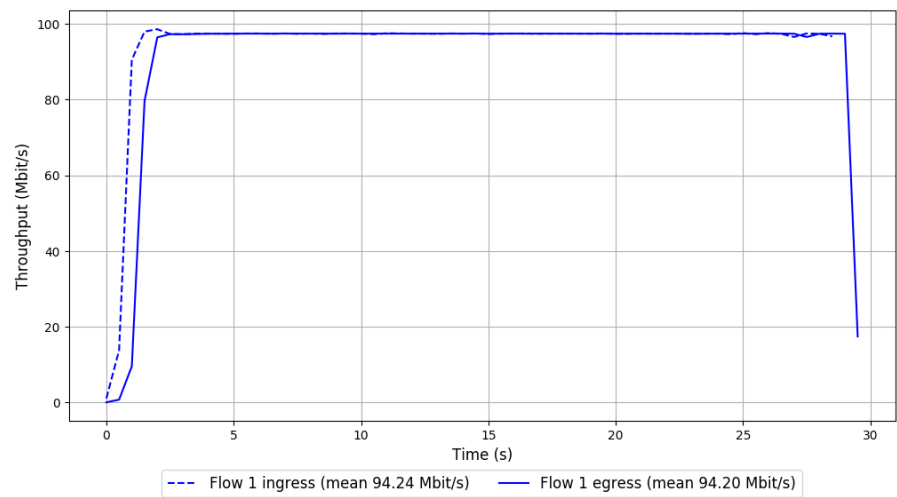
-- Flow 1:

Average throughput: 94.20 Mbit/s

95th percentile per-packet one-way delay: 94.732 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link

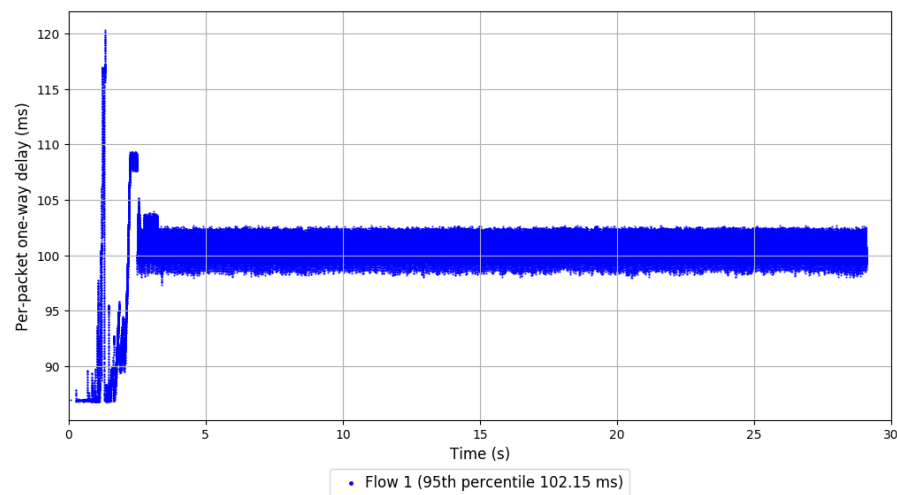
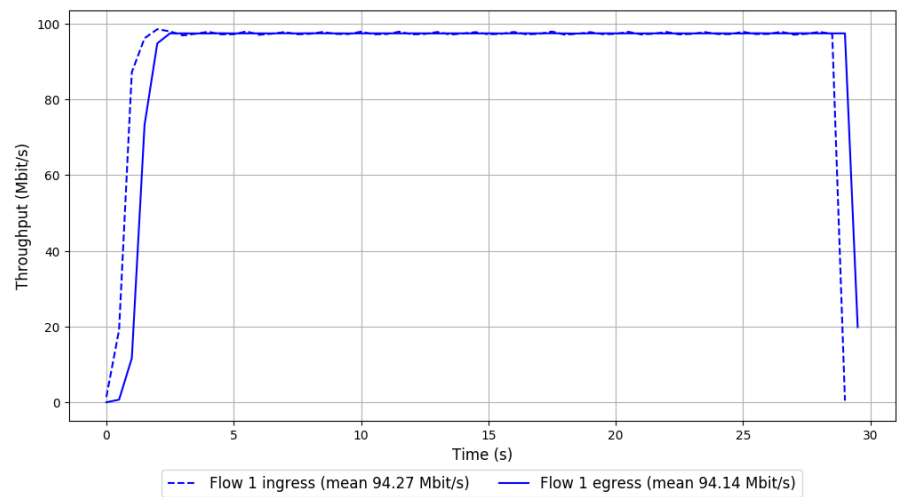



```
Run 1: Statistics of Indigo-MusesD

Start at: 2019-01-24 14:25:34
End at: 2019-01-24 14:26:04
Local clock offset: -3.369 ms
Remote clock offset: 10.214 ms

# Below is generated by plot.py at 2019-01-24 16:30:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 102.153 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 102.153 ms
Loss rate: 0.10%
```

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-01-24 14:50:11

End at: 2019-01-24 14:50:41

Local clock offset: -1.8 ms

Remote clock offset: 8.622 ms

Below is generated by plot.py at 2019-01-24 16:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 93.977 ms

Loss rate: 1.31%

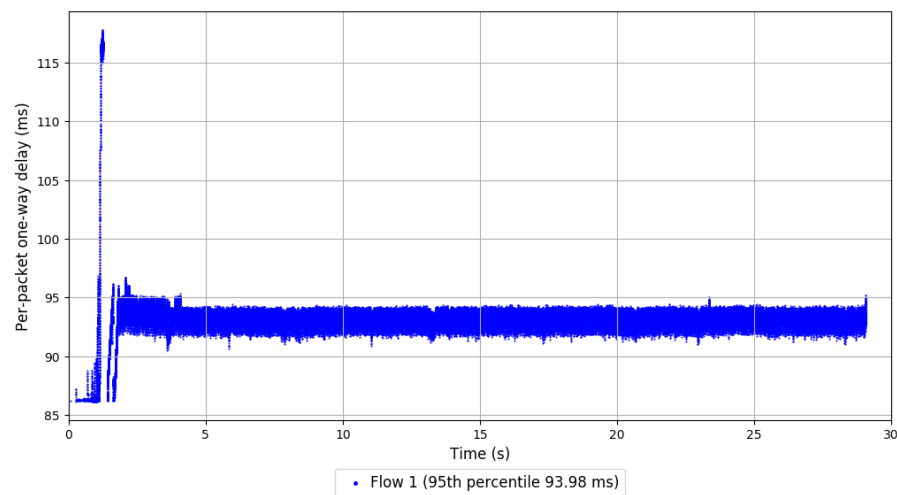
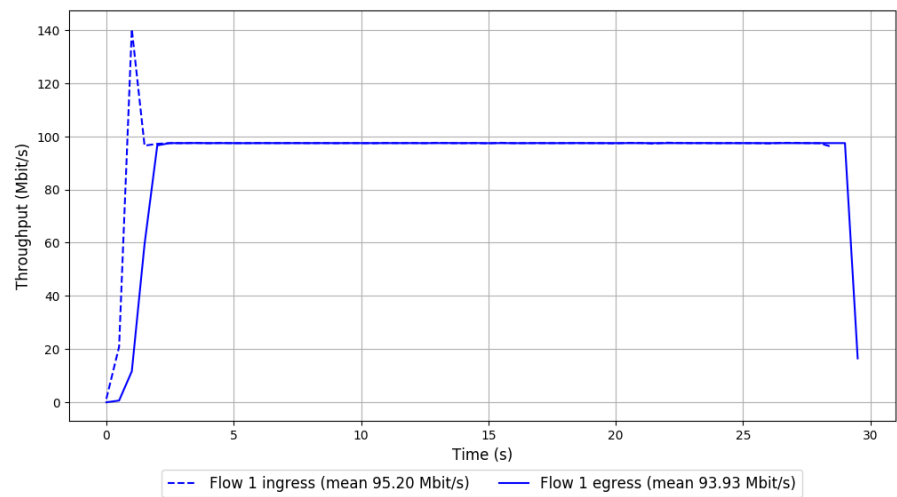
-- Flow 1:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 93.977 ms

Loss rate: 1.31%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-01-24 15:14:49

End at: 2019-01-24 15:15:20

Local clock offset: -2.071 ms

Remote clock offset: 8.647 ms

Below is generated by plot.py at 2019-01-24 16:30:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.12 Mbit/s

95th percentile per-packet one-way delay: 102.270 ms

Loss rate: 0.03%

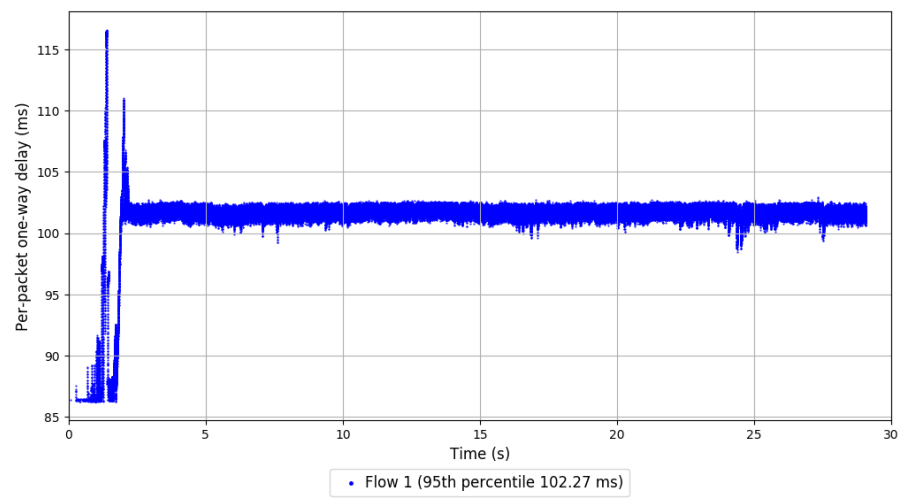
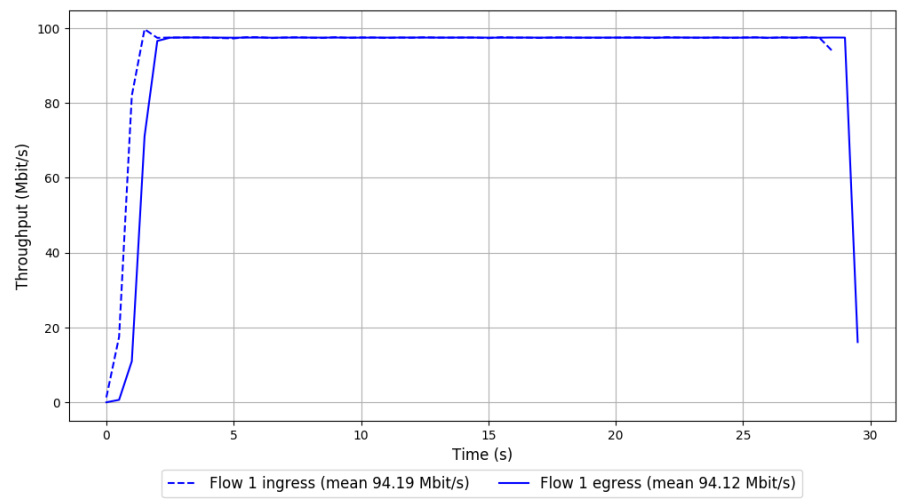
-- Flow 1:

Average throughput: 94.12 Mbit/s

95th percentile per-packet one-way delay: 102.270 ms

Loss rate: 0.03%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-01-24 15:39:27

End at: 2019-01-24 15:39:57

Local clock offset: -4.234 ms

Remote clock offset: 4.47 ms

Below is generated by plot.py at 2019-01-24 16:30:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.02 Mbit/s

95th percentile per-packet one-way delay: 87.135 ms

Loss rate: 0.80%

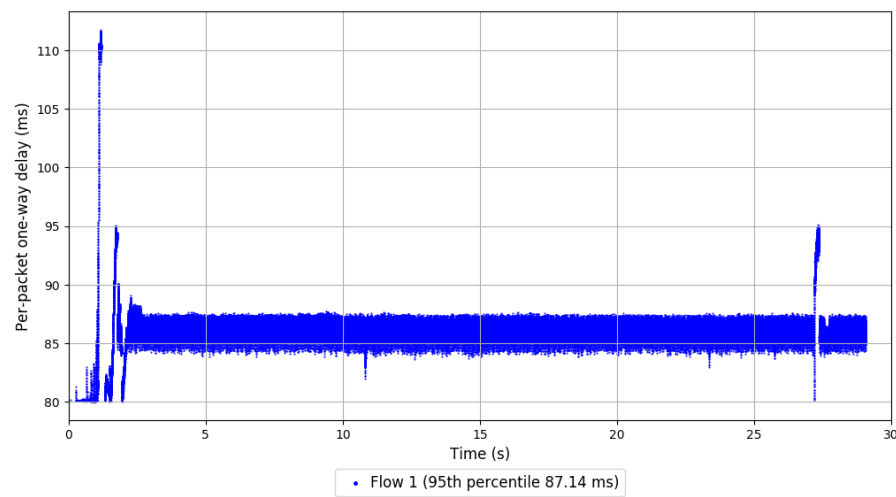
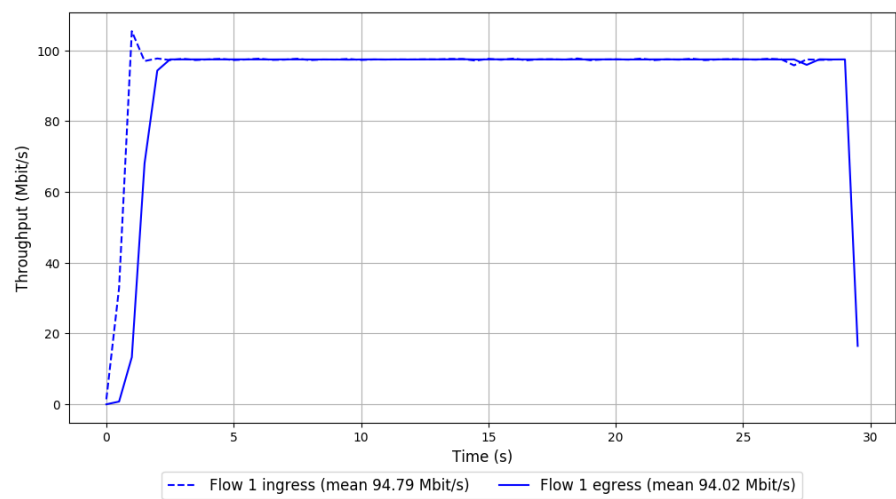
-- Flow 1:

Average throughput: 94.02 Mbit/s

95th percentile per-packet one-way delay: 87.135 ms

Loss rate: 0.80%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-01-24 16:04:05

End at: 2019-01-24 16:04:35

Local clock offset: -7.024 ms

Remote clock offset: 4.322 ms

Below is generated by plot.py at 2019-01-24 16:30:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.68 Mbit/s

95th percentile per-packet one-way delay: 89.286 ms

Loss rate: 0.05%

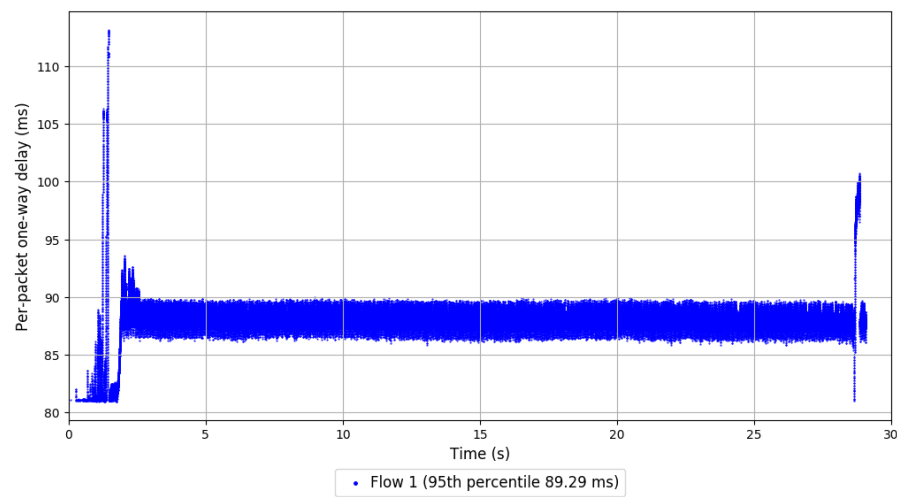
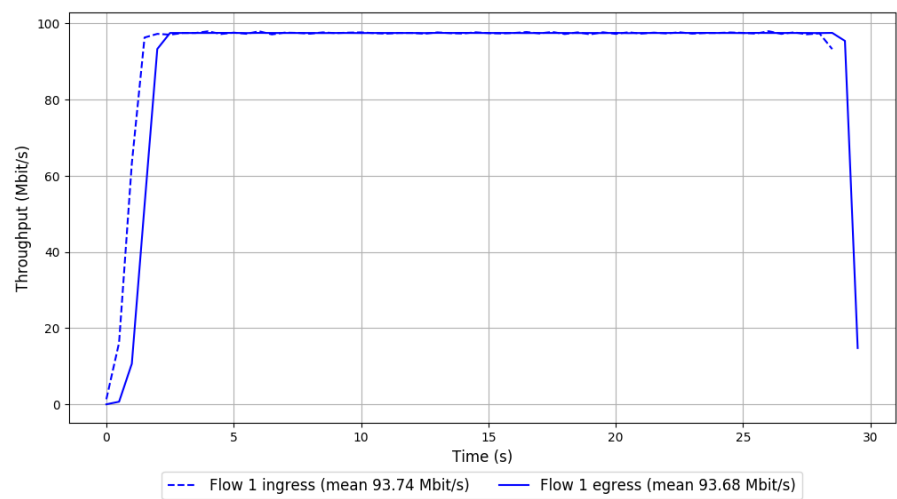
-- Flow 1:

Average throughput: 93.68 Mbit/s

95th percentile per-packet one-way delay: 89.286 ms

Loss rate: 0.05%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-01-24 14:43:10

End at: 2019-01-24 14:43:40

Local clock offset: -2.488 ms

Remote clock offset: 5.119 ms

Below is generated by plot.py at 2019-01-24 16:31:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 95.225 ms

Loss rate: 1.48%

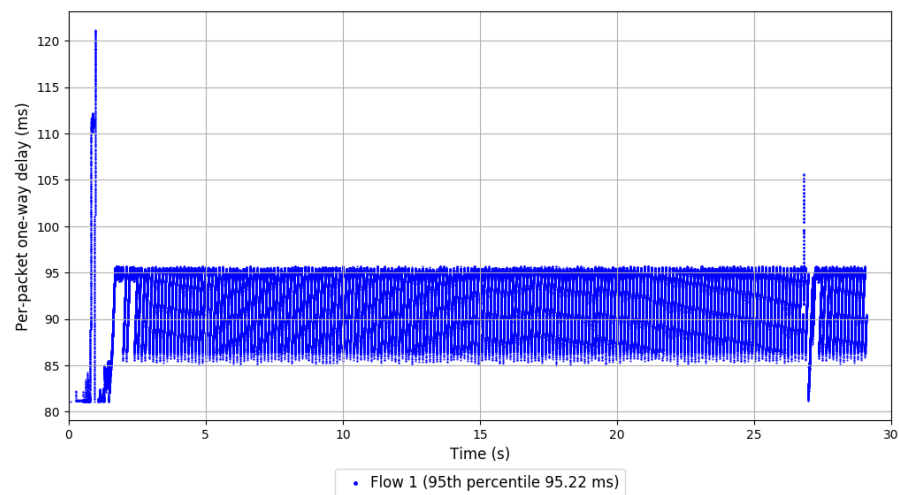
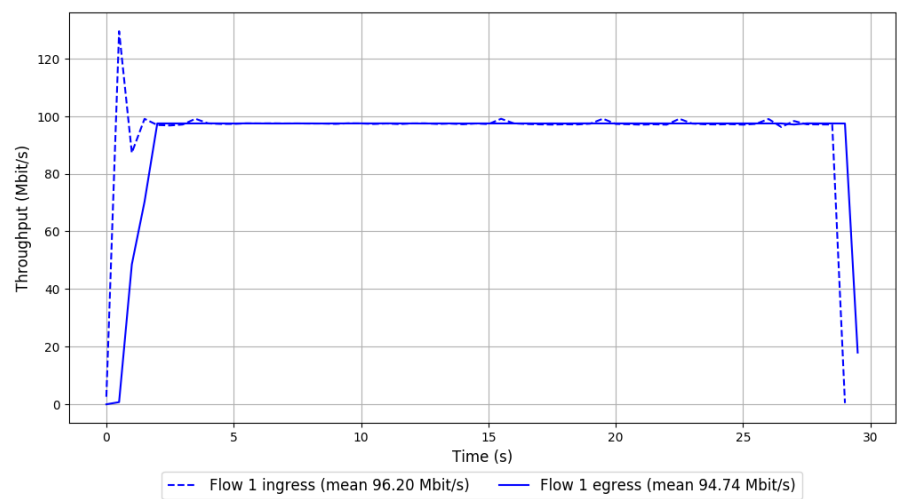
-- Flow 1:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 95.225 ms

Loss rate: 1.48%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-01-24 15:07:49

End at: 2019-01-24 15:08:19

Local clock offset: -1.864 ms

Remote clock offset: 4.933 ms

Below is generated by plot.py at 2019-01-24 16:31:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.85 Mbit/s

95th percentile per-packet one-way delay: 94.902 ms

Loss rate: 1.61%

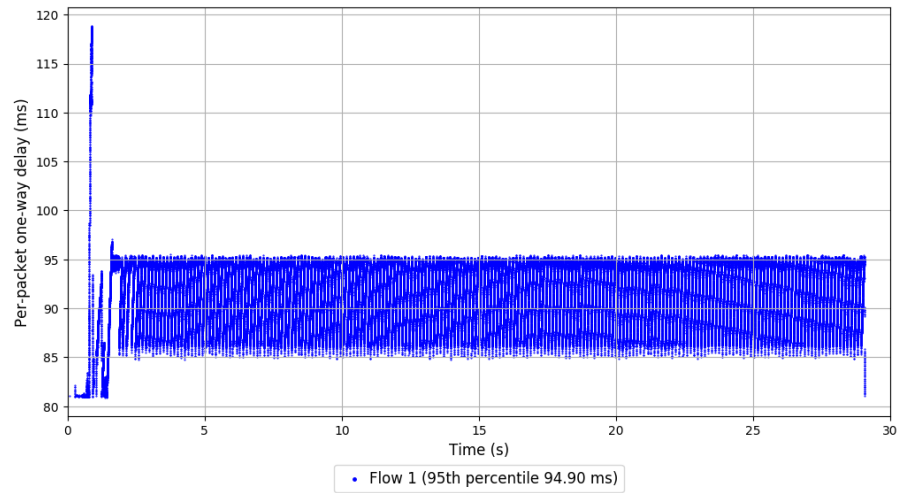
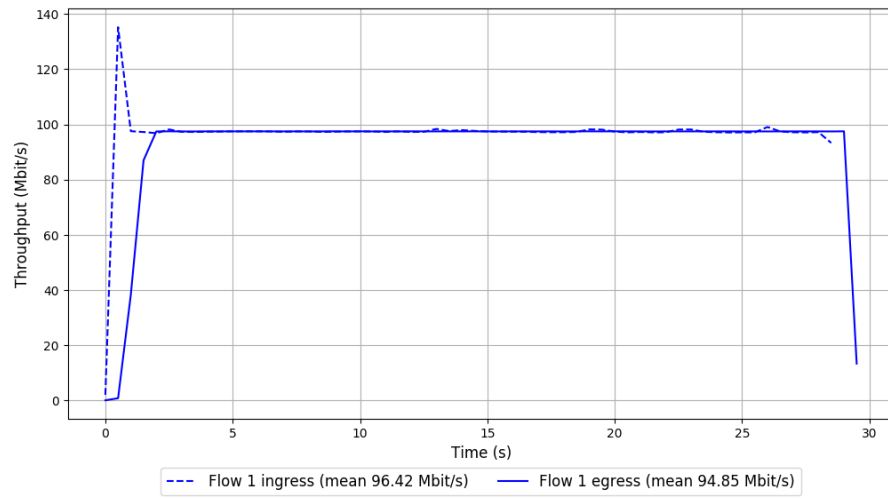
-- Flow 1:

Average throughput: 94.85 Mbit/s

95th percentile per-packet one-way delay: 94.902 ms

Loss rate: 1.61%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-01-24 15:32:26

End at: 2019-01-24 15:32:56

Local clock offset: -2.078 ms

Remote clock offset: 7.547 ms

Below is generated by plot.py at 2019-01-24 16:31:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.78 Mbit/s

95th percentile per-packet one-way delay: 96.677 ms

Loss rate: 2.64%

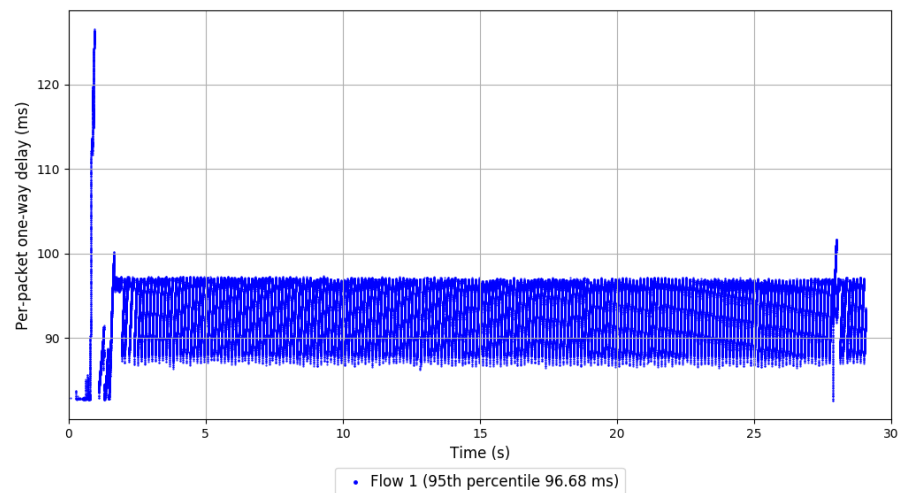
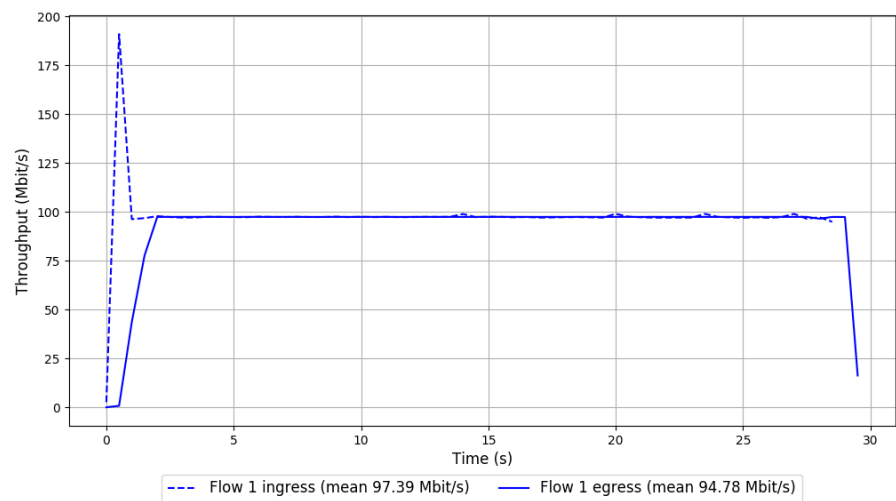
-- Flow 1:

Average throughput: 94.78 Mbit/s

95th percentile per-packet one-way delay: 96.677 ms

Loss rate: 2.64%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-01-24 15:57:04

End at: 2019-01-24 15:57:34

Local clock offset: -6.642 ms

Remote clock offset: 4.24 ms

Below is generated by plot.py at 2019-01-24 16:31:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.18 Mbit/s

95th percentile per-packet one-way delay: 94.971 ms

Loss rate: 3.51%

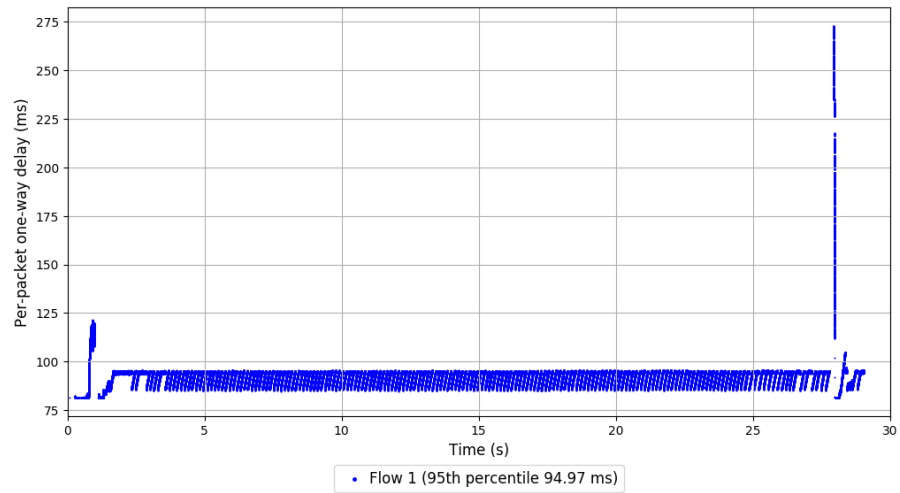
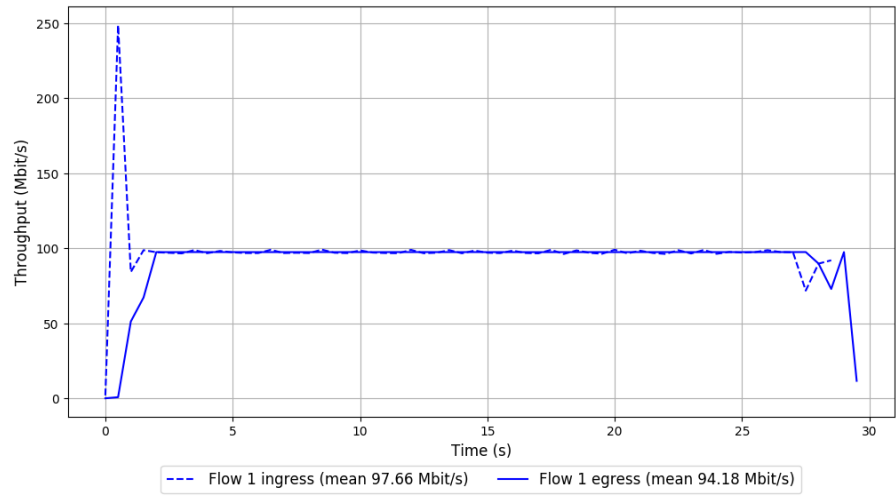
-- Flow 1:

Average throughput: 94.18 Mbit/s

95th percentile per-packet one-way delay: 94.971 ms

Loss rate: 3.51%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-01-24 16:21:46

End at: 2019-01-24 16:22:16

Local clock offset: -6.88 ms

Remote clock offset: 4.66 ms

Below is generated by plot.py at 2019-01-24 16:31:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.95 Mbit/s

95th percentile per-packet one-way delay: 92.881 ms

Loss rate: 1.69%

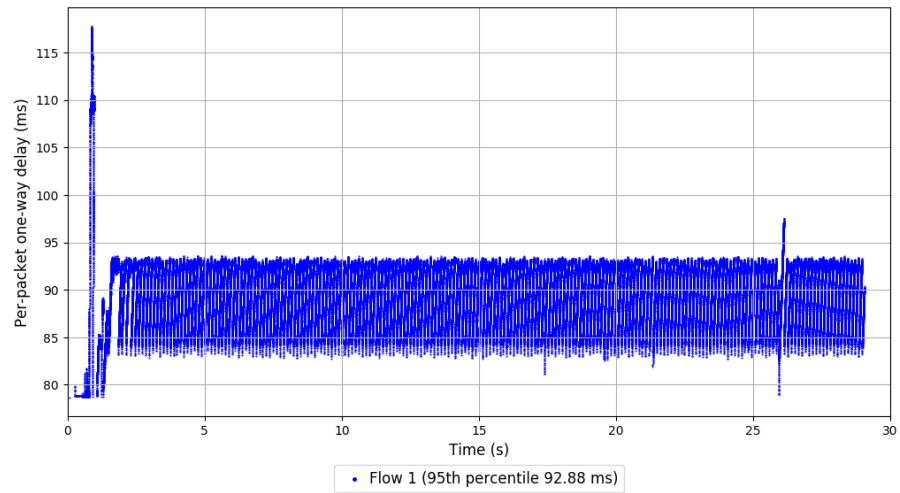
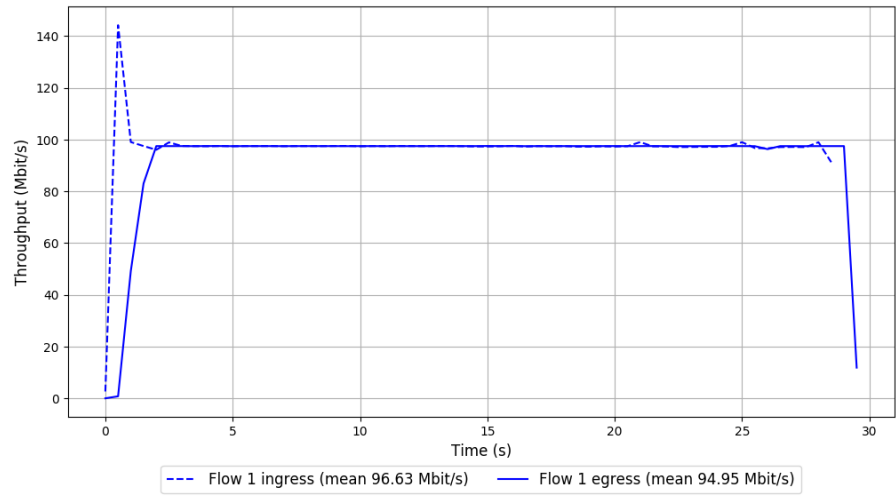
-- Flow 1:

Average throughput: 94.95 Mbit/s

95th percentile per-packet one-way delay: 92.881 ms

Loss rate: 1.69%

Run 5: Report of Indigo-MusesT — Data Link

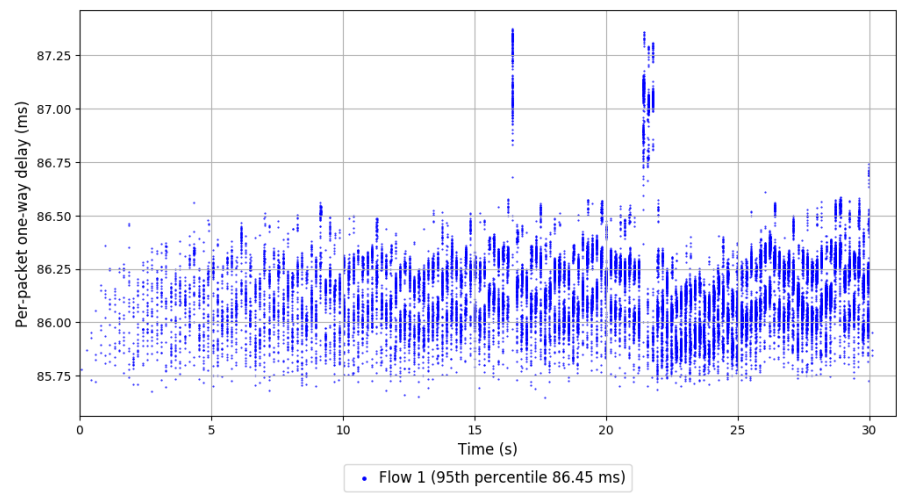
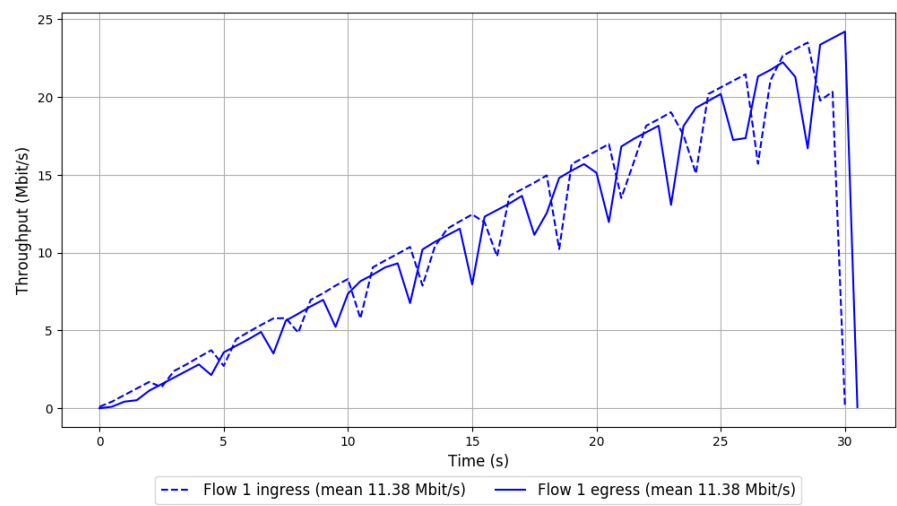


```
Run 1: Statistics of LEDBAT

Start at: 2019-01-24 14:42:02
End at: 2019-01-24 14:42:32
Local clock offset: -2.642 ms
Remote clock offset: 9.947 ms

# Below is generated by plot.py at 2019-01-24 16:31:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.38 Mbit/s
95th percentile per-packet one-way delay: 86.453 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.38 Mbit/s
95th percentile per-packet one-way delay: 86.453 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-01-24 15:06:40

End at: 2019-01-24 15:07:10

Local clock offset: -1.762 ms

Remote clock offset: 7.466 ms

Below is generated by plot.py at 2019-01-24 16:31:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.14 Mbit/s

95th percentile per-packet one-way delay: 86.282 ms

Loss rate: 0.00%

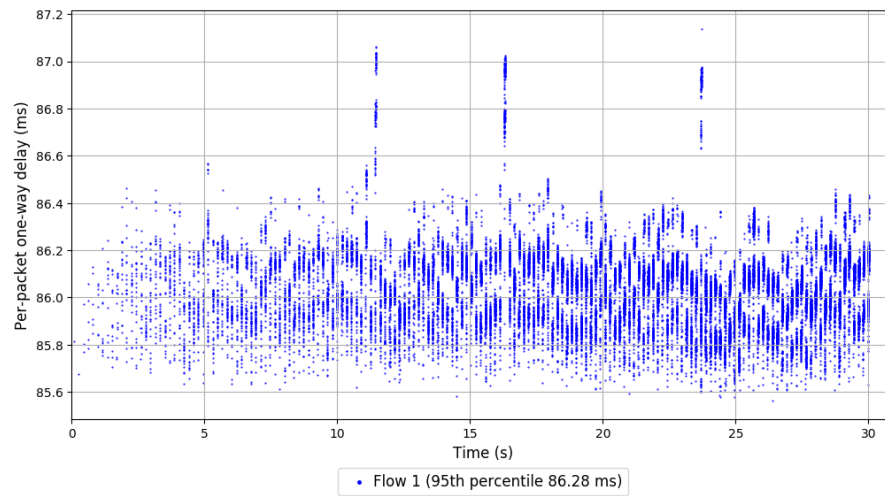
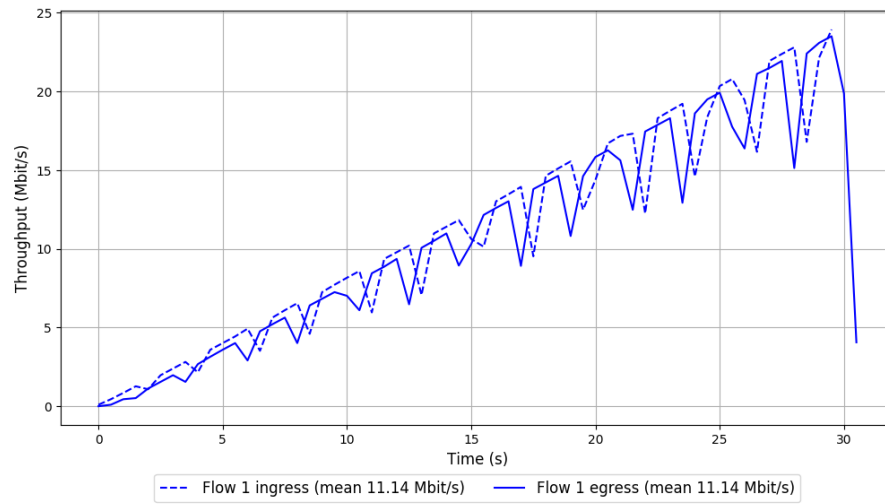
-- Flow 1:

Average throughput: 11.14 Mbit/s

95th percentile per-packet one-way delay: 86.282 ms

Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-01-24 15:31:18

End at: 2019-01-24 15:31:48

Local clock offset: -1.524 ms

Remote clock offset: 4.954 ms

Below is generated by plot.py at 2019-01-24 16:31:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.20 Mbit/s

95th percentile per-packet one-way delay: 82.211 ms

Loss rate: 0.03%

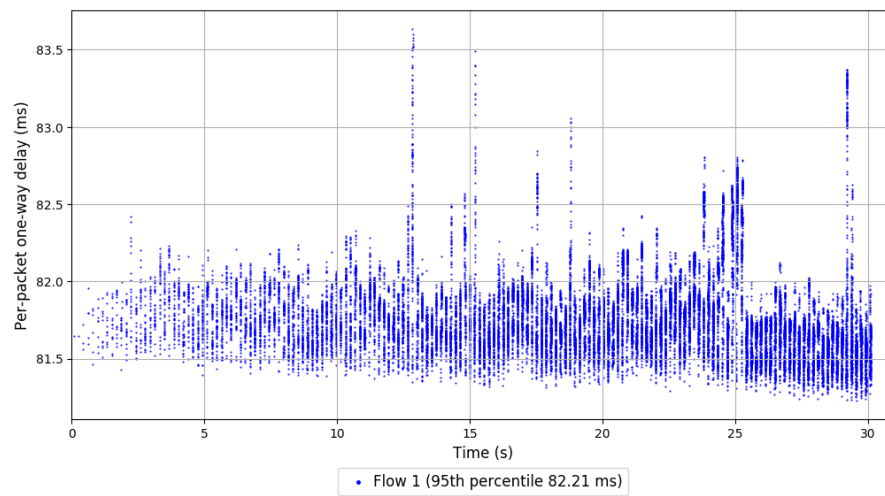
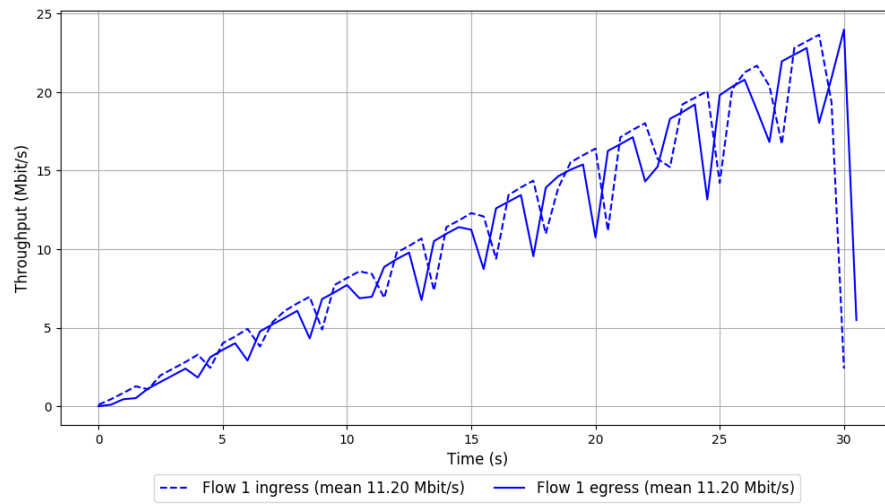
-- Flow 1:

Average throughput: 11.20 Mbit/s

95th percentile per-packet one-way delay: 82.211 ms

Loss rate: 0.03%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-01-24 15:55:55

End at: 2019-01-24 15:56:25

Local clock offset: -6.601 ms

Remote clock offset: 8.106 ms

Below is generated by plot.py at 2019-01-24 16:31:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.20 Mbit/s

95th percentile per-packet one-way delay: 86.166 ms

Loss rate: 0.00%

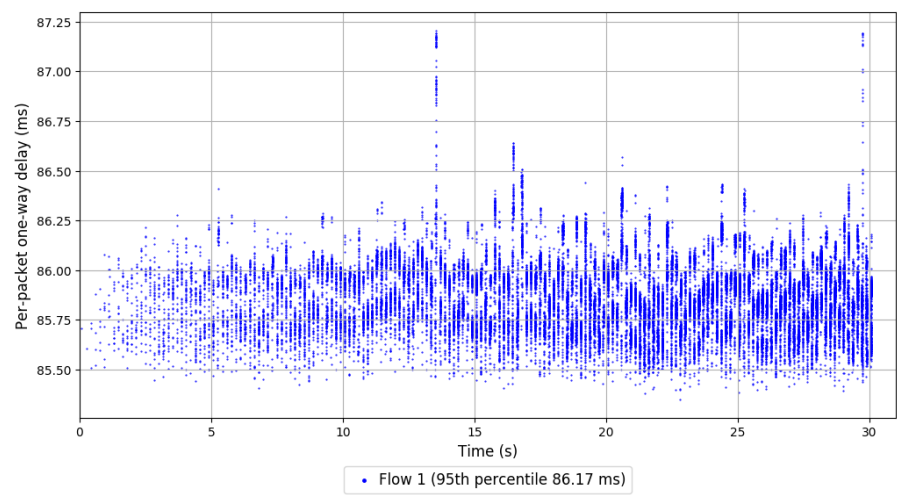
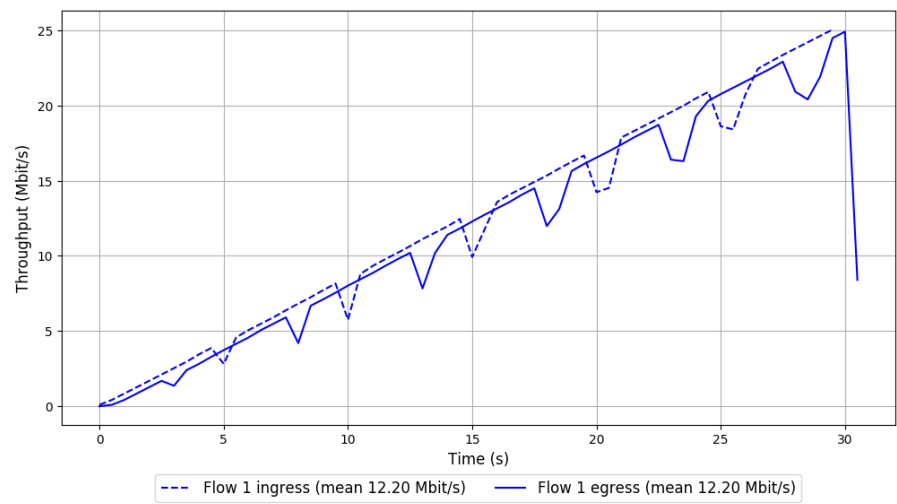
-- Flow 1:

Average throughput: 12.20 Mbit/s

95th percentile per-packet one-way delay: 86.166 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-01-24 16:20:33

End at: 2019-01-24 16:21:03

Local clock offset: -6.838 ms

Remote clock offset: 9.508 ms

Below is generated by plot.py at 2019-01-24 16:31:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.94 Mbit/s

95th percentile per-packet one-way delay: 86.042 ms

Loss rate: 0.00%

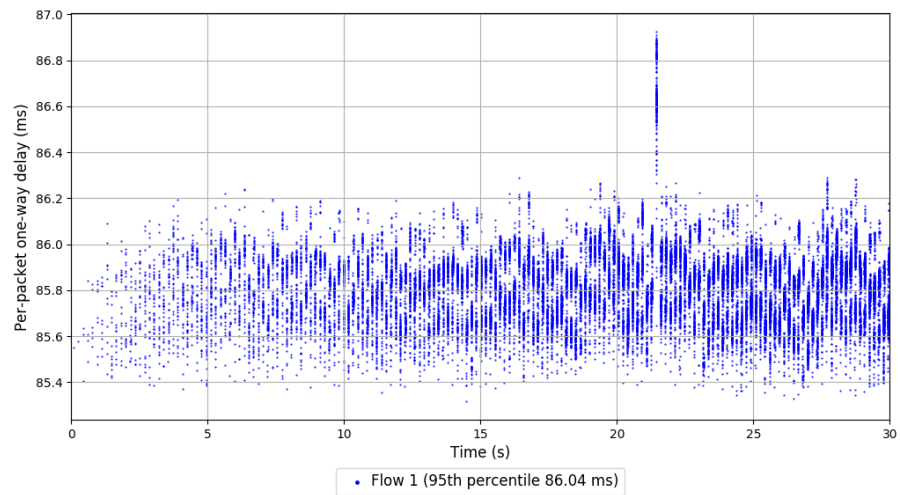
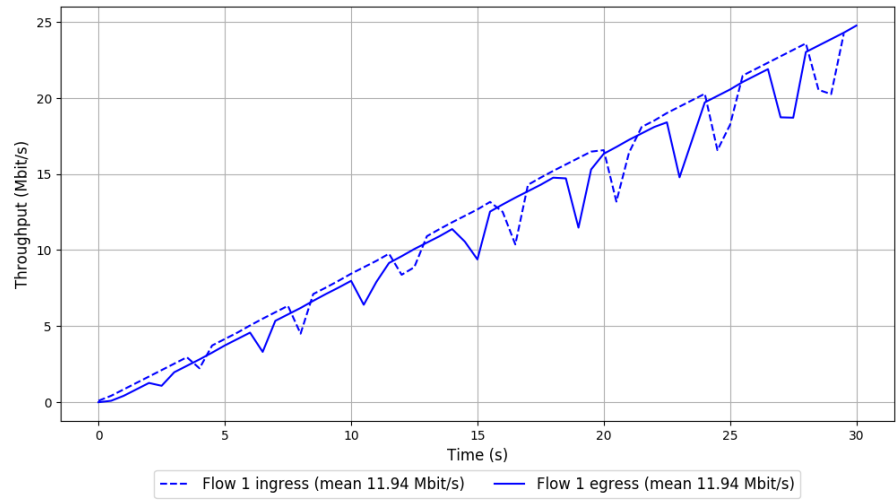
-- Flow 1:

Average throughput: 11.94 Mbit/s

95th percentile per-packet one-way delay: 86.042 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

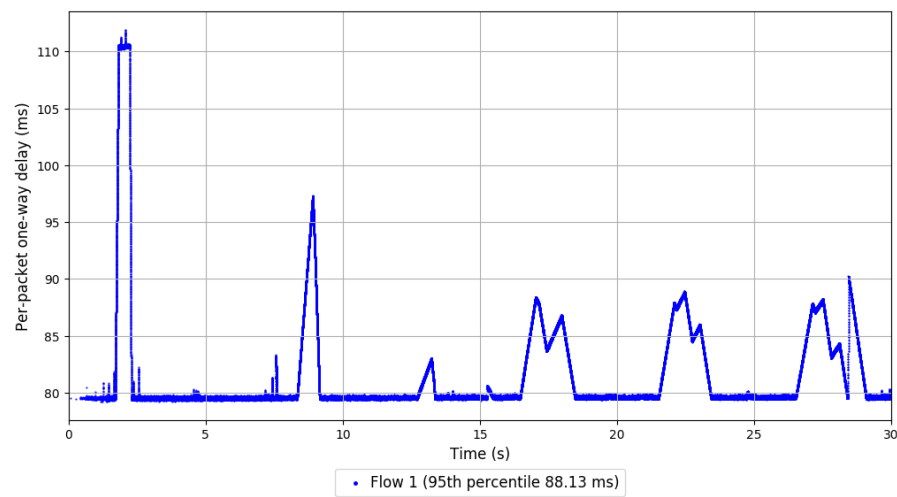
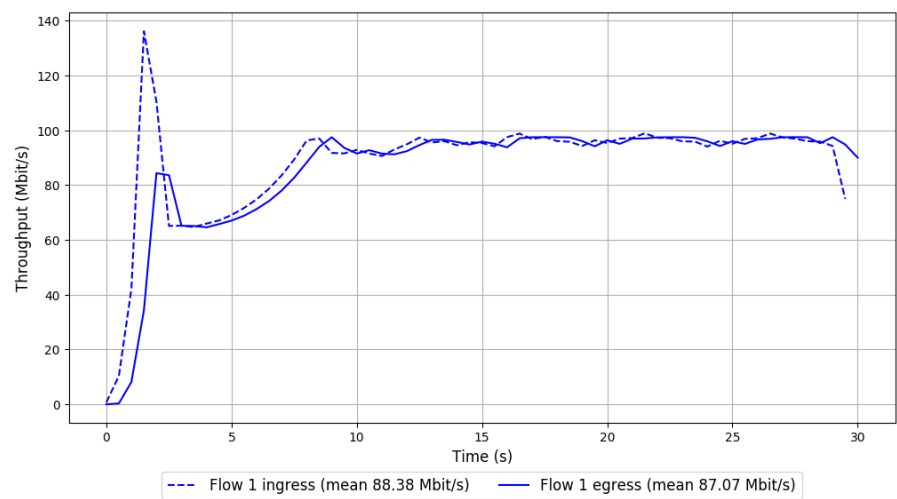


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-01-24 14:32:37
End at: 2019-01-24 14:33:07
Local clock offset: -3.523 ms
Remote clock offset: 3.833 ms

# Below is generated by plot.py at 2019-01-24 16:32:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 88.134 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 88.134 ms
Loss rate: 1.49%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-01-24 14:57:15

End at: 2019-01-24 14:57:45

Local clock offset: -0.203 ms

Remote clock offset: 3.708 ms

Below is generated by plot.py at 2019-01-24 16:32:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.08 Mbit/s

95th percentile per-packet one-way delay: 97.313 ms

Loss rate: 1.52%

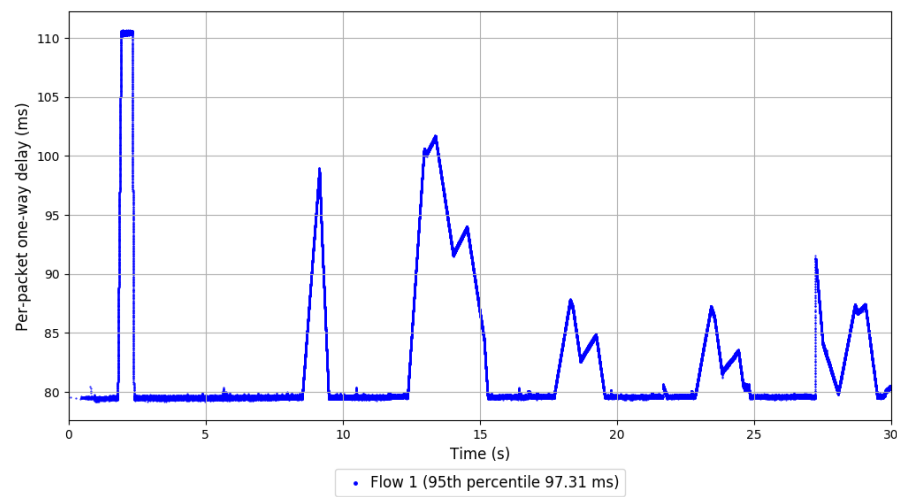
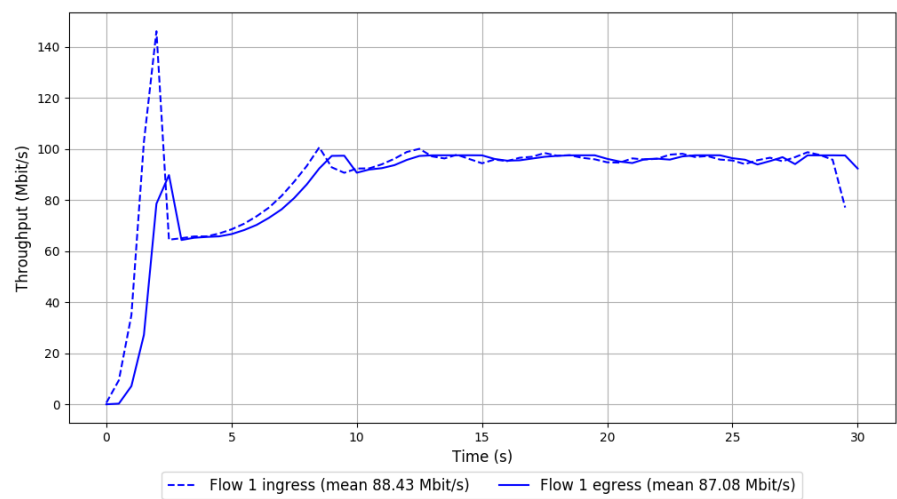
-- Flow 1:

Average throughput: 87.08 Mbit/s

95th percentile per-packet one-way delay: 97.313 ms

Loss rate: 1.52%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-01-24 15:21:52

End at: 2019-01-24 15:22:22

Local clock offset: -1.255 ms

Remote clock offset: 7.482 ms

Below is generated by plot.py at 2019-01-24 16:32:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.27 Mbit/s

95th percentile per-packet one-way delay: 98.313 ms

Loss rate: 1.47%

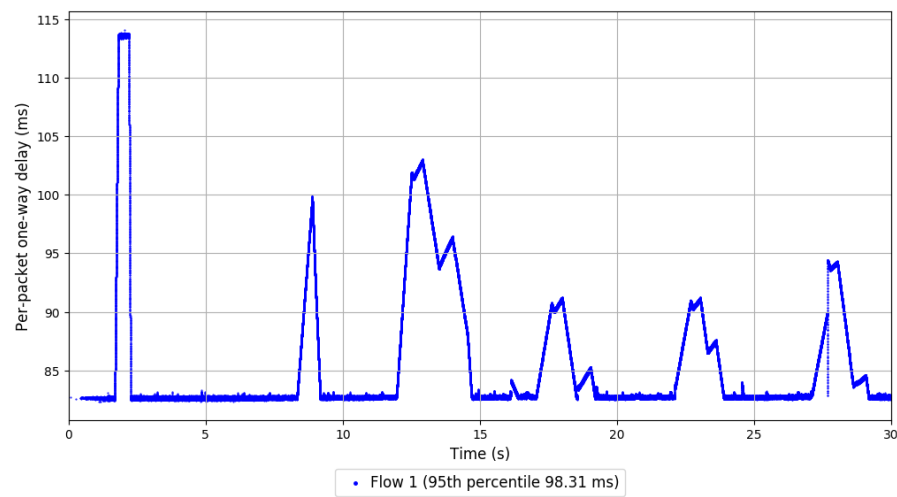
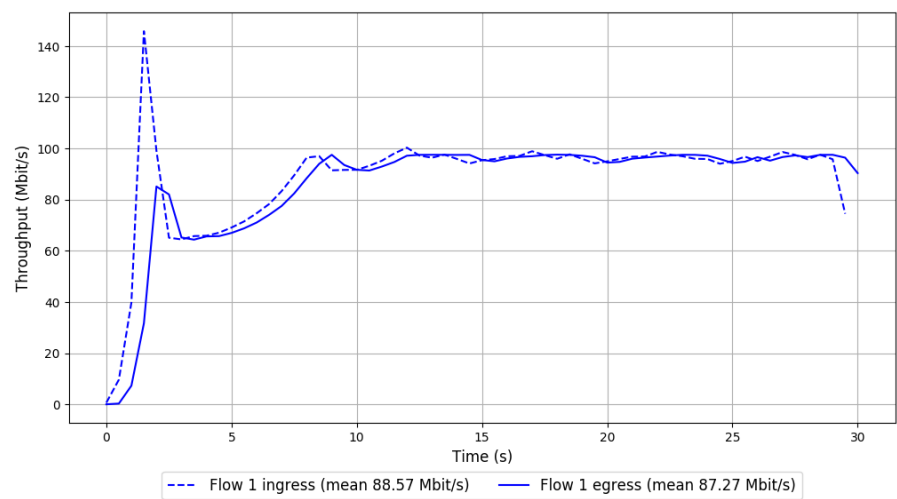
-- Flow 1:

Average throughput: 87.27 Mbit/s

95th percentile per-packet one-way delay: 98.313 ms

Loss rate: 1.47%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-01-24 15:46:31

End at: 2019-01-24 15:47:01

Local clock offset: -5.246 ms

Remote clock offset: 4.318 ms

Below is generated by plot.py at 2019-01-24 16:32:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.04 Mbit/s

95th percentile per-packet one-way delay: 90.756 ms

Loss rate: 1.47%

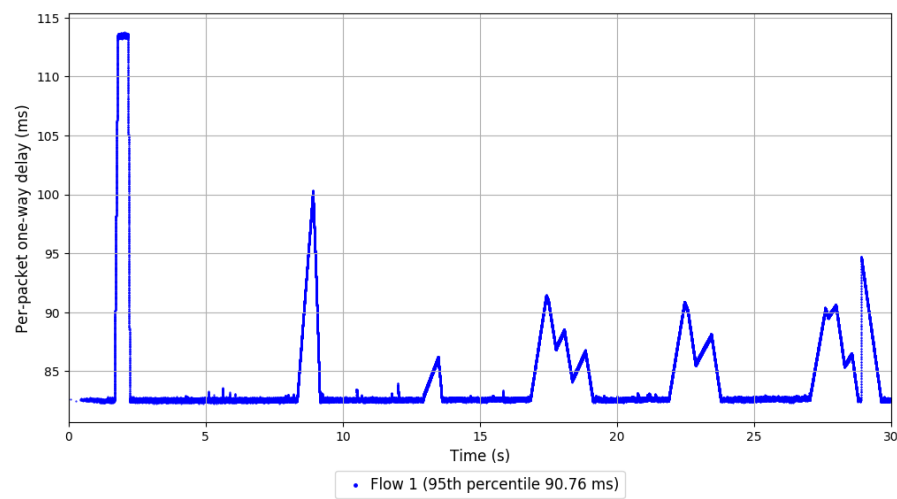
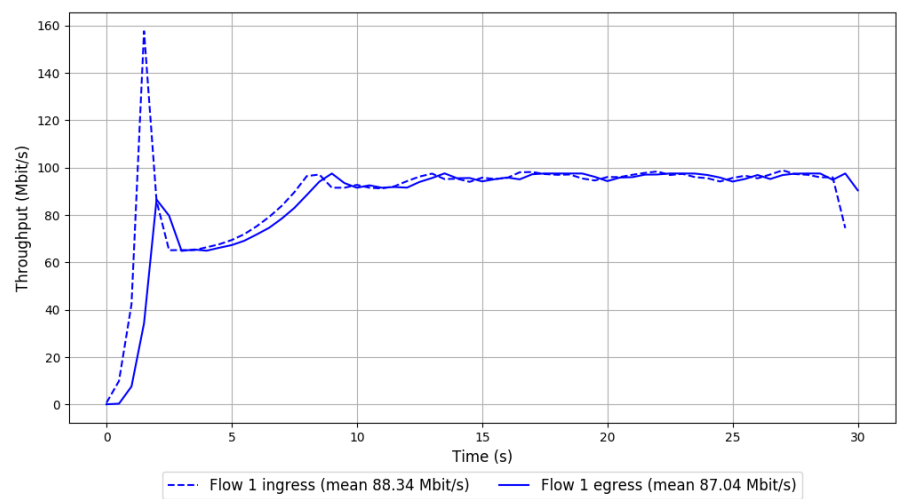
-- Flow 1:

Average throughput: 87.04 Mbit/s

95th percentile per-packet one-way delay: 90.756 ms

Loss rate: 1.47%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-01-24 16:11:08

End at: 2019-01-24 16:11:38

Local clock offset: -7.302 ms

Remote clock offset: 10.047 ms

Below is generated by plot.py at 2019-01-24 16:32:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.11 Mbit/s

95th percentile per-packet one-way delay: 96.498 ms

Loss rate: 1.54%

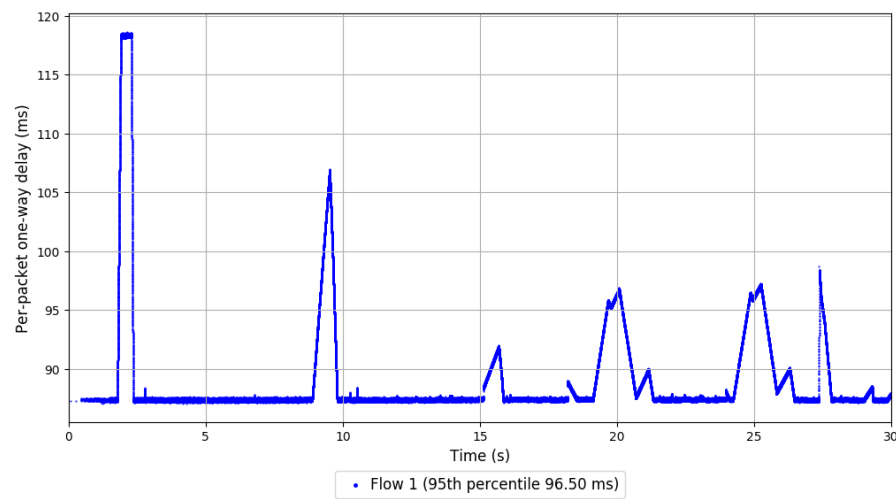
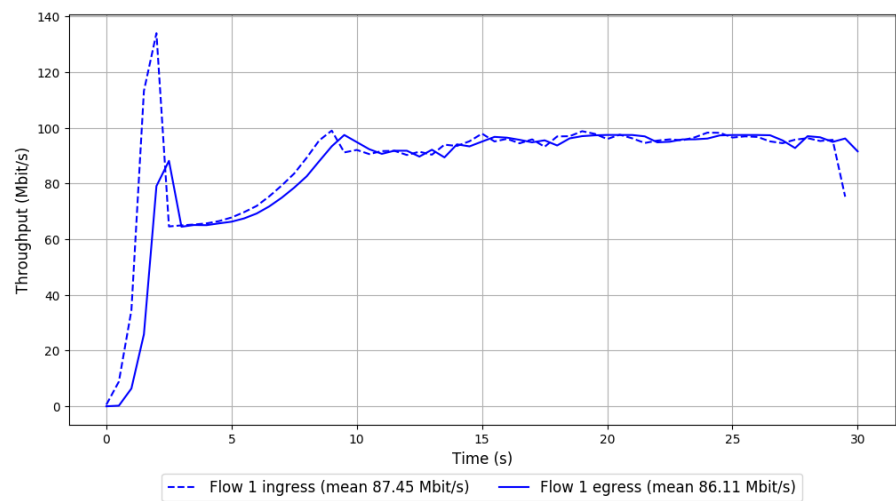
-- Flow 1:

Average throughput: 86.11 Mbit/s

95th percentile per-packet one-way delay: 96.498 ms

Loss rate: 1.54%

Run 5: Report of PCC-Allegro — Data Link

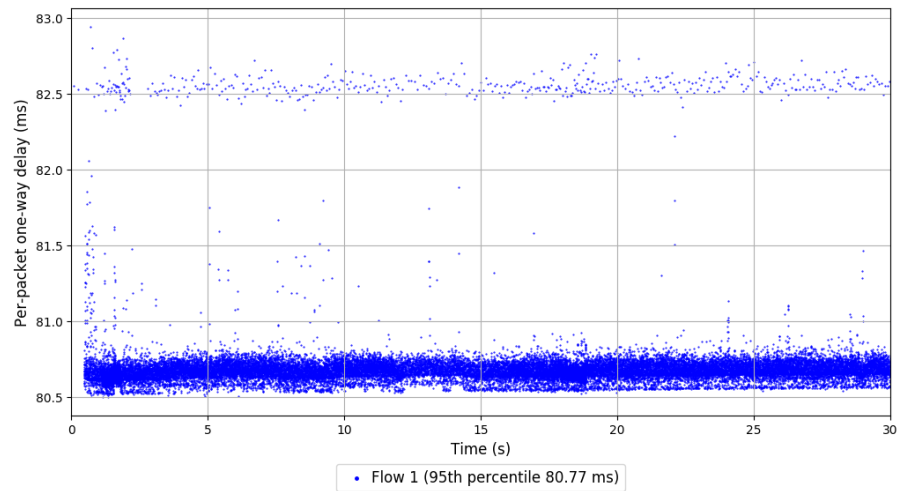
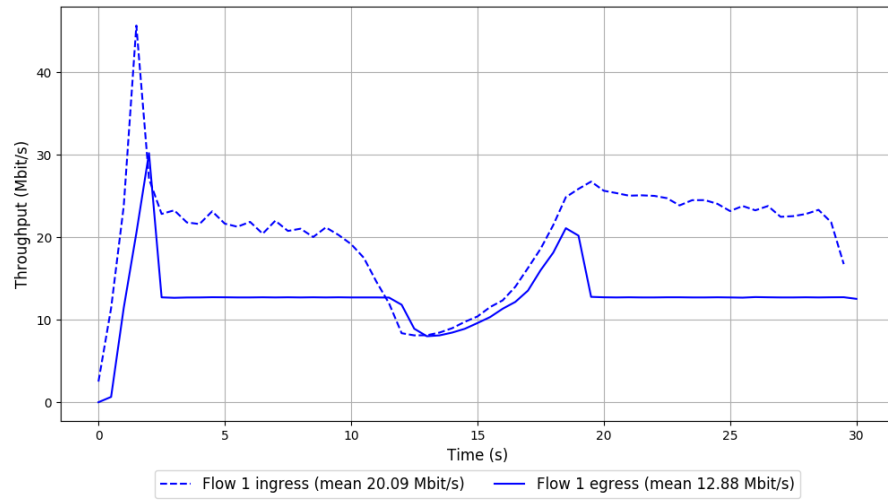



```
Run 1: Statistics of PCC-Expr

Start at: 2019-01-24 14:24:25
End at: 2019-01-24 14:24:55
Local clock offset: -3.366 ms
Remote clock offset: 4.059 ms

# Below is generated by plot.py at 2019-01-24 16:32:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.88 Mbit/s
95th percentile per-packet one-way delay: 80.772 ms
Loss rate: 35.93%
-- Flow 1:
Average throughput: 12.88 Mbit/s
95th percentile per-packet one-way delay: 80.772 ms
Loss rate: 35.93%
```

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

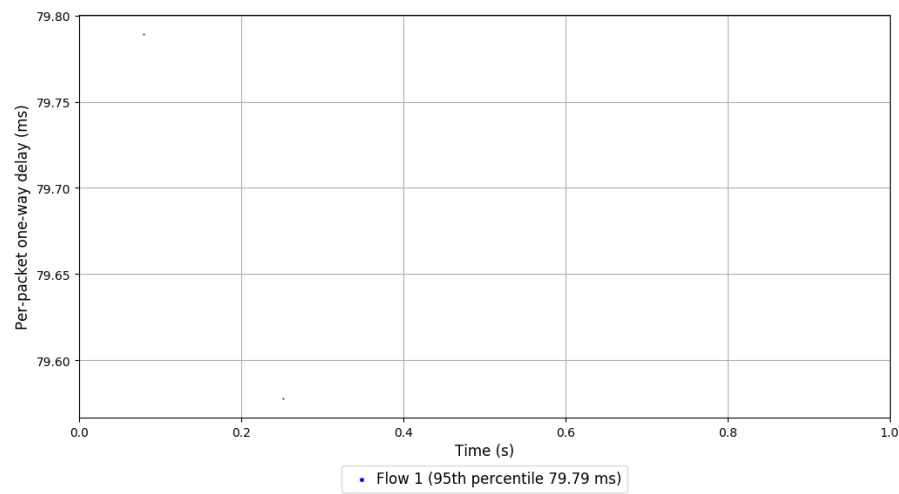
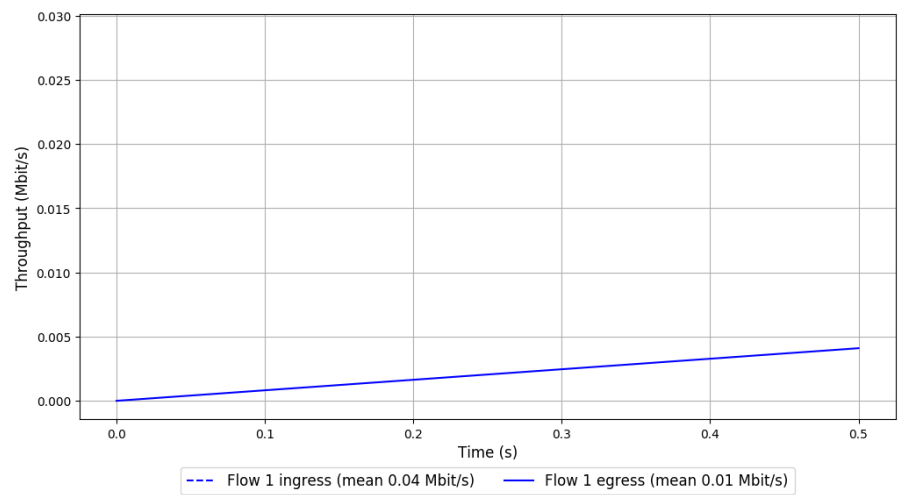
Start at: 2019-01-24 14:49:04

End at: 2019-01-24 14:49:34

Local clock offset: -1.076 ms

Remote clock offset: 4.75 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

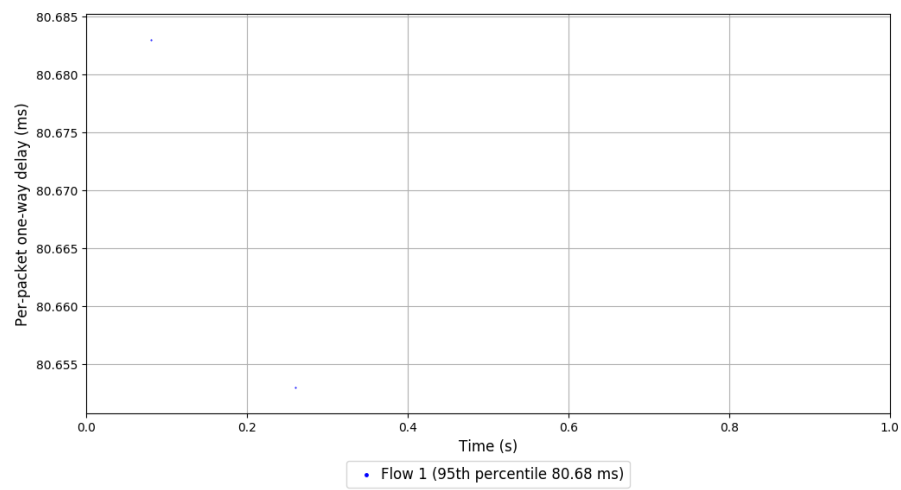
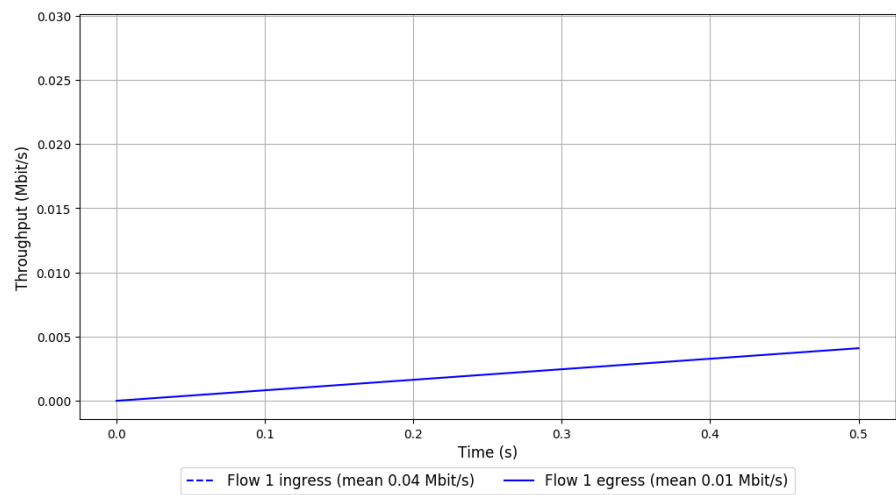
Start at: 2019-01-24 15:13:42

End at: 2019-01-24 15:14:12

Local clock offset: -1.391 ms

Remote clock offset: 3.924 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

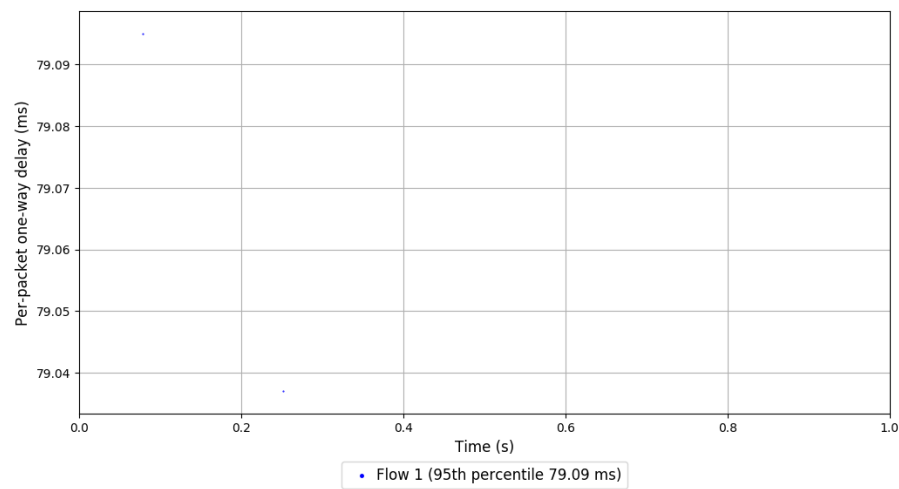
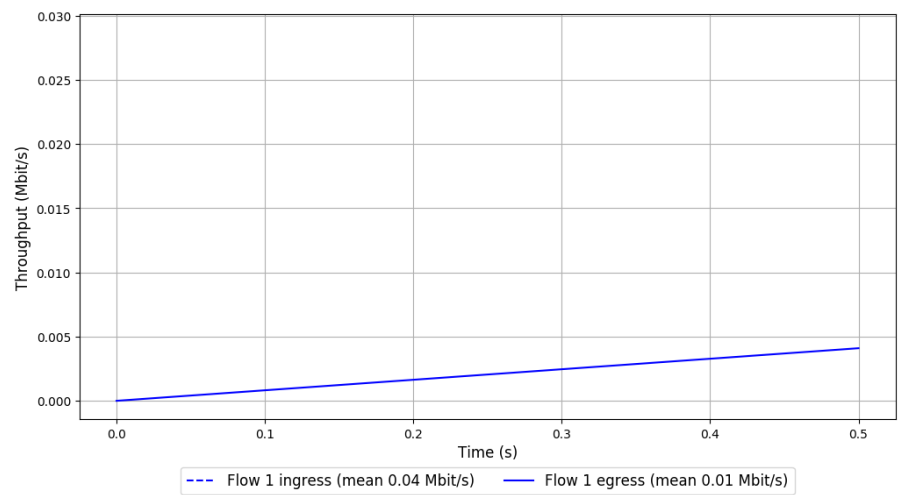
Start at: 2019-01-24 15:38:19

End at: 2019-01-24 15:38:49

Local clock offset: -4.021 ms

Remote clock offset: 3.404 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

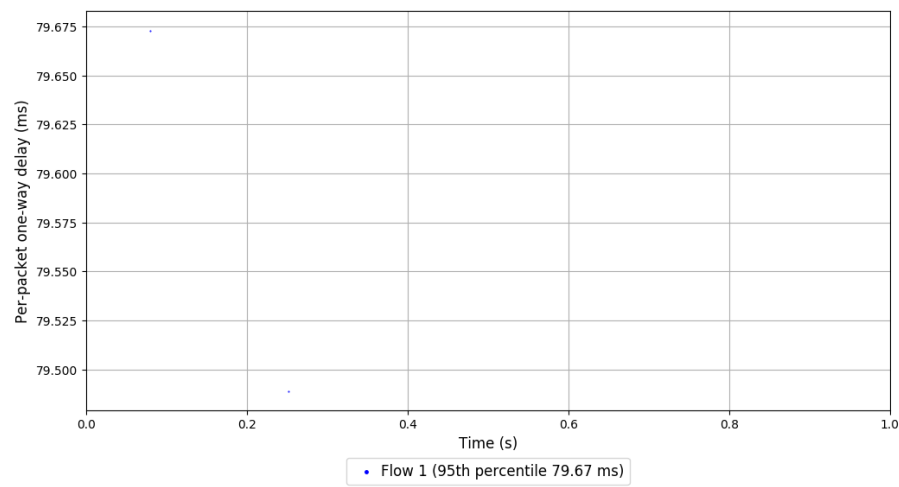
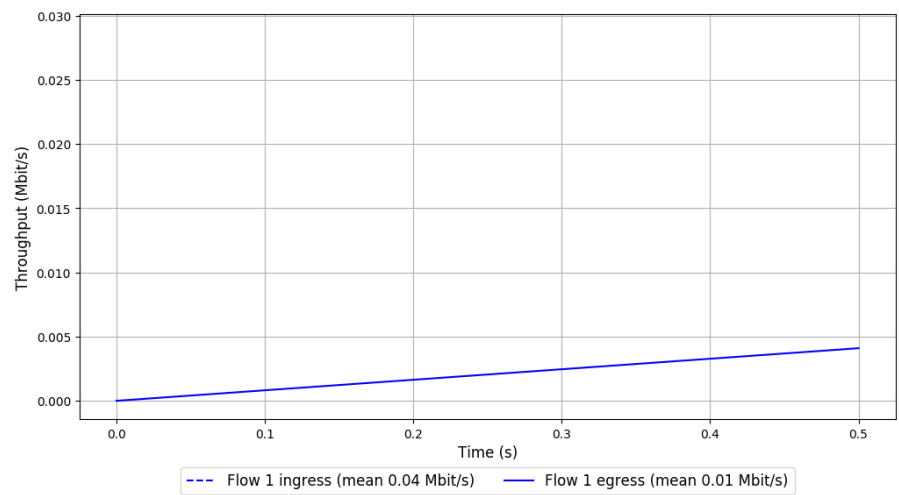
Start at: 2019-01-24 16:02:58

End at: 2019-01-24 16:03:28

Local clock offset: -6.178 ms

Remote clock offset: 3.068 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-01-24 14:40:51

End at: 2019-01-24 14:41:21

Local clock offset: -2.008 ms

Remote clock offset: 5.089 ms

Below is generated by plot.py at 2019-01-24 16:32:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.39 Mbit/s

95th percentile per-packet one-way delay: 91.442 ms

Loss rate: 0.37%

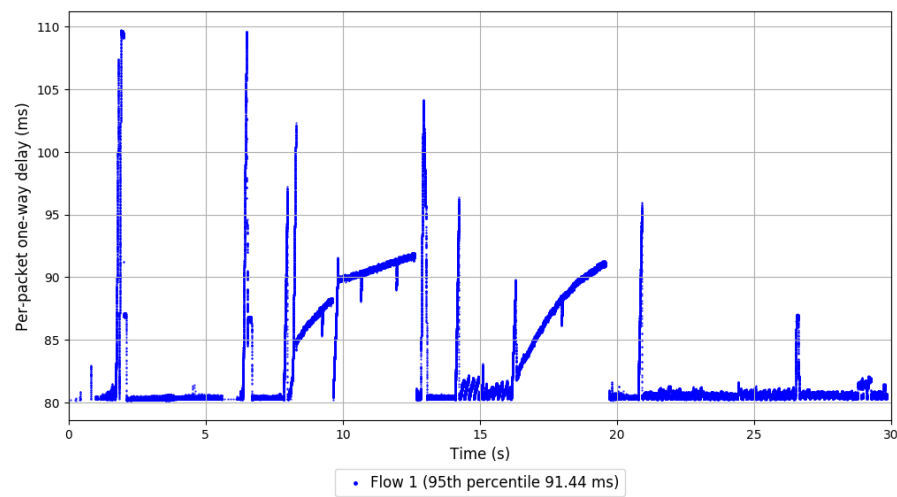
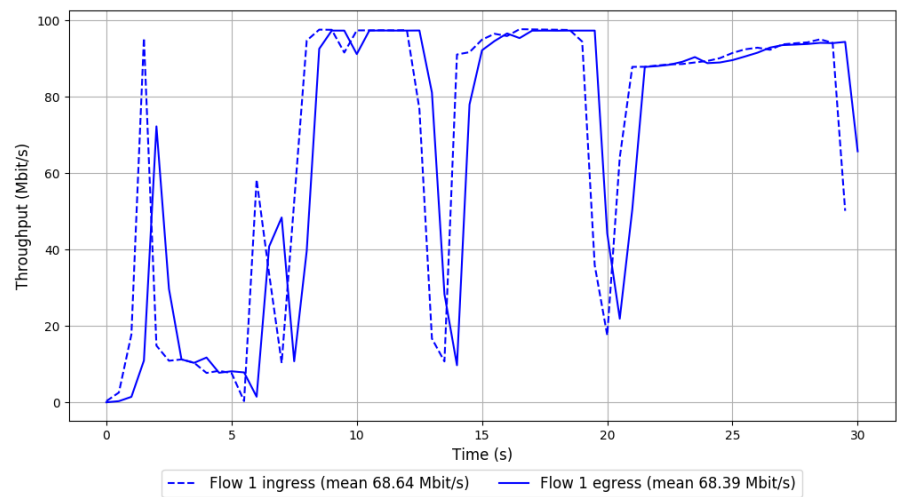
-- Flow 1:

Average throughput: 68.39 Mbit/s

95th percentile per-packet one-way delay: 91.442 ms

Loss rate: 0.37%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-01-24 15:05:29

End at: 2019-01-24 15:05:59

Local clock offset: -0.917 ms

Remote clock offset: 3.9 ms

Below is generated by plot.py at 2019-01-24 16:32:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.87 Mbit/s

95th percentile per-packet one-way delay: 98.337 ms

Loss rate: 0.37%

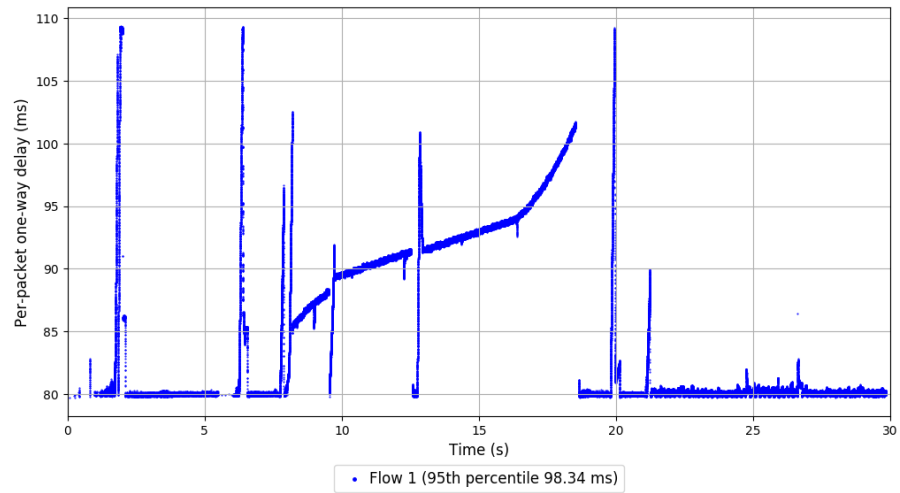
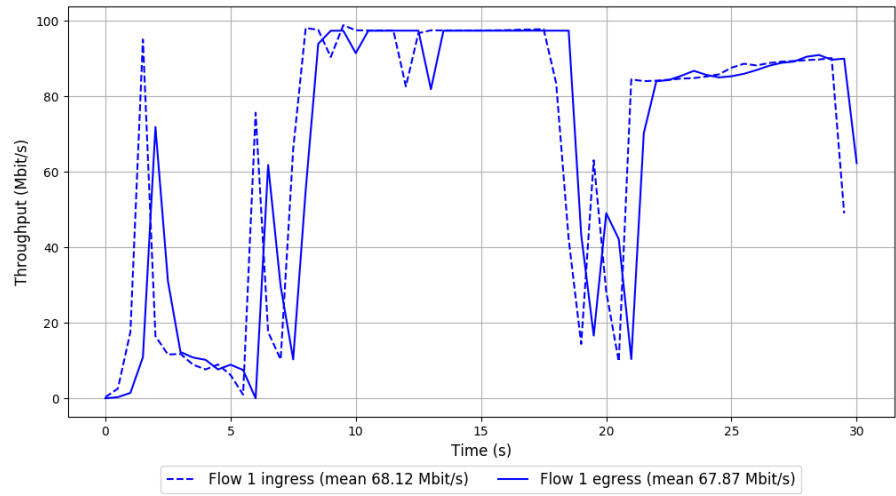
-- Flow 1:

Average throughput: 67.87 Mbit/s

95th percentile per-packet one-way delay: 98.337 ms

Loss rate: 0.37%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-01-24 15:30:06

End at: 2019-01-24 15:30:36

Local clock offset: -0.923 ms

Remote clock offset: 8.87 ms

Below is generated by plot.py at 2019-01-24 16:32:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.42 Mbit/s

95th percentile per-packet one-way delay: 106.901 ms

Loss rate: 0.34%

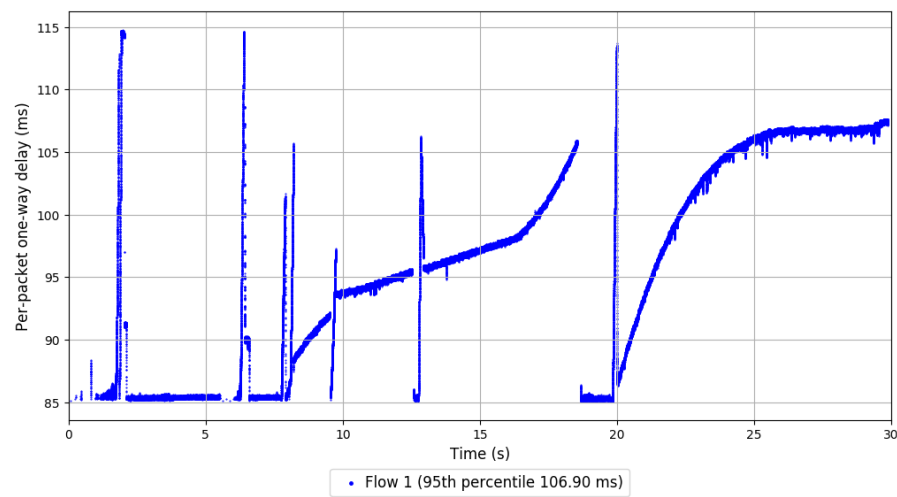
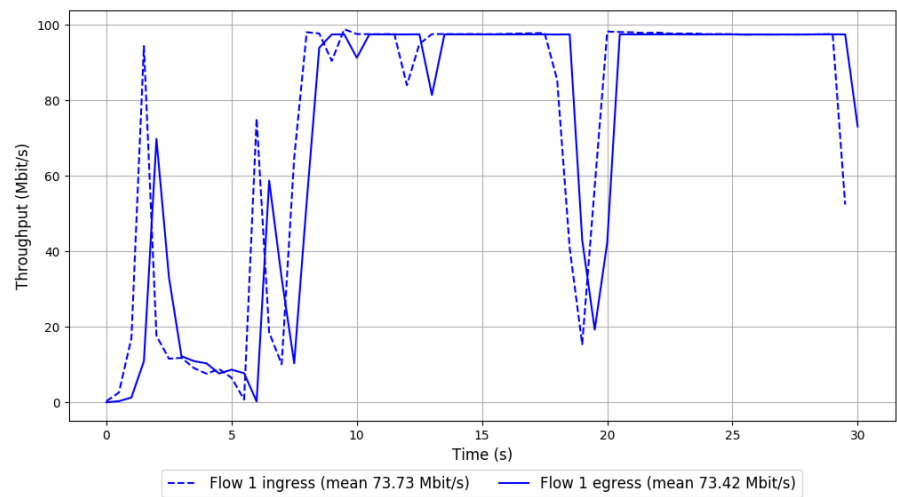
-- Flow 1:

Average throughput: 73.42 Mbit/s

95th percentile per-packet one-way delay: 106.901 ms

Loss rate: 0.34%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-01-24 15:54:44

End at: 2019-01-24 15:55:14

Local clock offset: -6.542 ms

Remote clock offset: 6.864 ms

Below is generated by plot.py at 2019-01-24 16:33:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.18 Mbit/s

95th percentile per-packet one-way delay: 102.976 ms

Loss rate: 0.39%

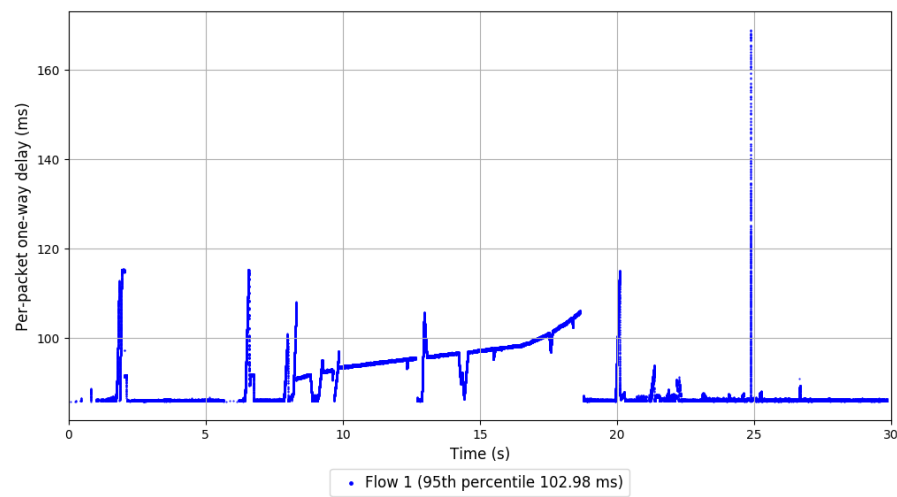
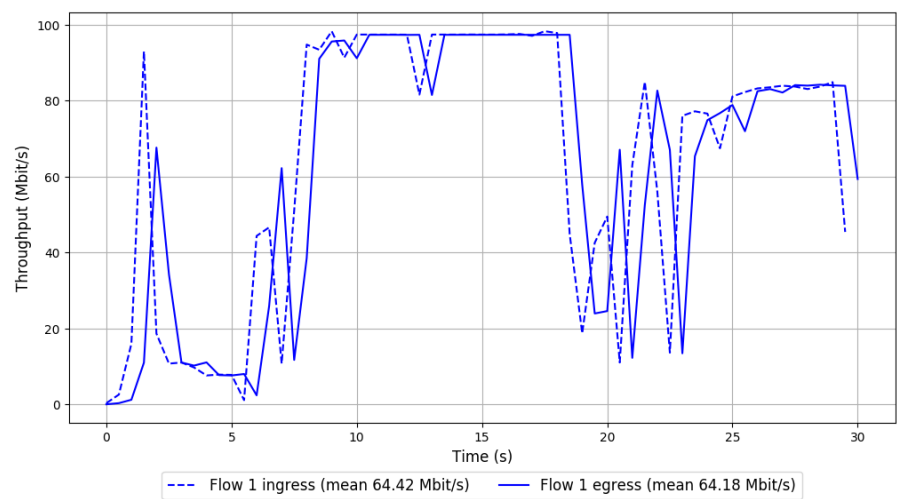
-- Flow 1:

Average throughput: 64.18 Mbit/s

95th percentile per-packet one-way delay: 102.976 ms

Loss rate: 0.39%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-01-24 16:19:21

End at: 2019-01-24 16:19:51

Local clock offset: -6.805 ms

Remote clock offset: 4.665 ms

Below is generated by plot.py at 2019-01-24 16:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.55 Mbit/s

95th percentile per-packet one-way delay: 100.716 ms

Loss rate: 0.33%

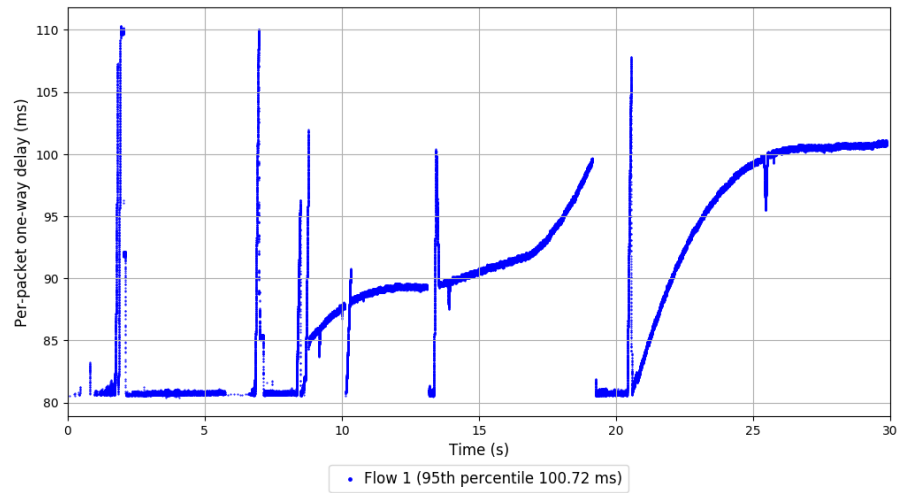
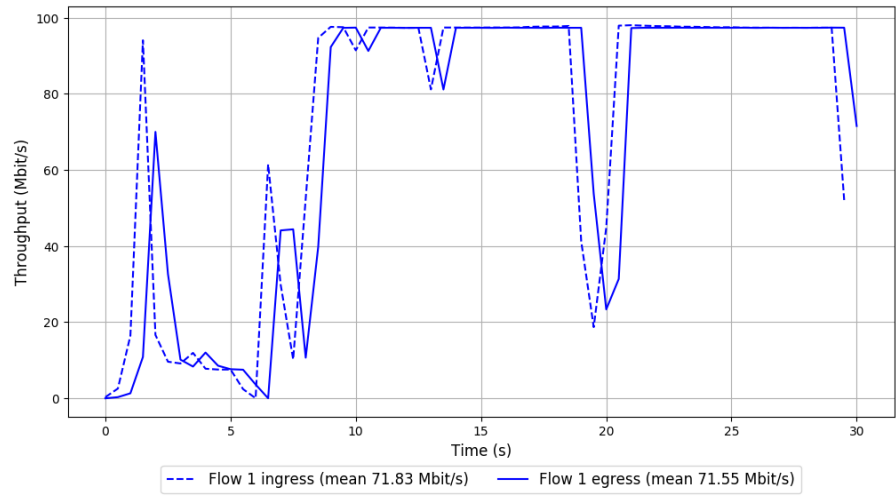
-- Flow 1:

Average throughput: 71.55 Mbit/s

95th percentile per-packet one-way delay: 100.716 ms

Loss rate: 0.33%

Run 5: Report of QUIC Cubic — Data Link

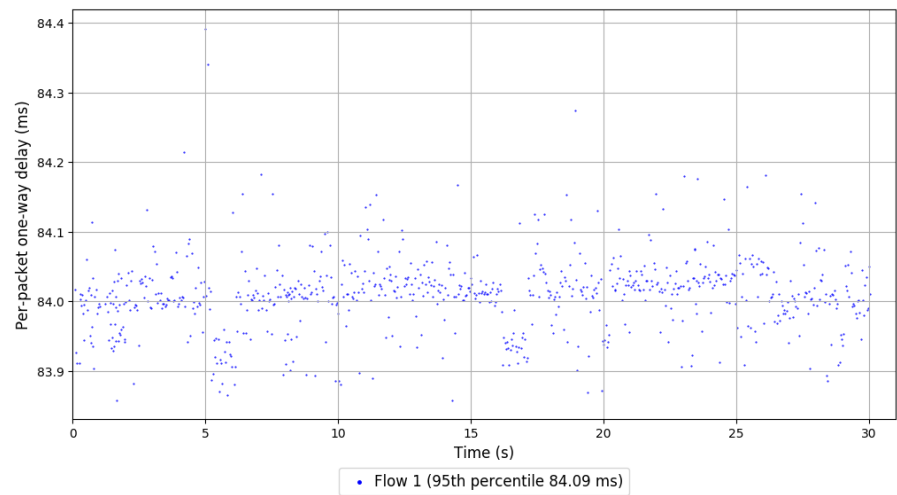
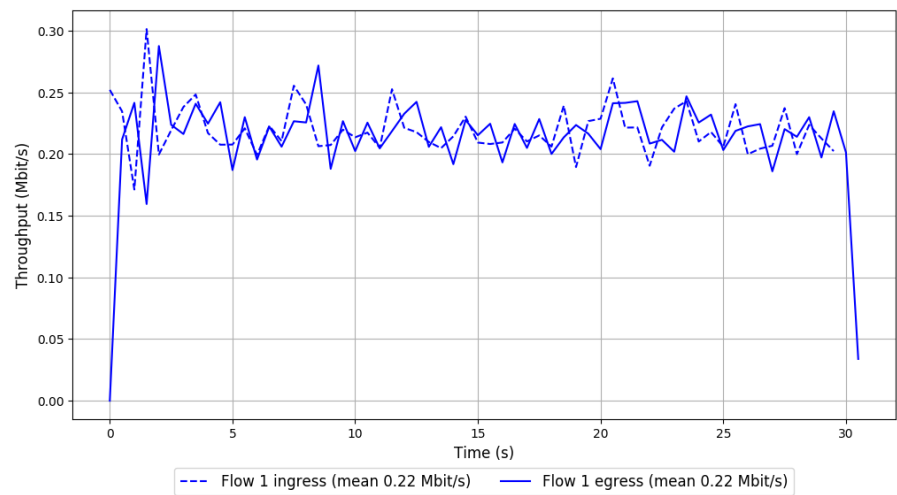


```
Run 1: Statistics of SCReAM

Start at: 2019-01-24 14:22:06
End at: 2019-01-24 14:22:36
Local clock offset: -3.444 ms
Remote clock offset: 9.054 ms

# Below is generated by plot.py at 2019-01-24 16:33:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.094 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.094 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-01-24 14:46:44

End at: 2019-01-24 14:47:14

Local clock offset: -2.076 ms

Remote clock offset: 4.963 ms

Below is generated by plot.py at 2019-01-24 16:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.578 ms

Loss rate: 0.00%

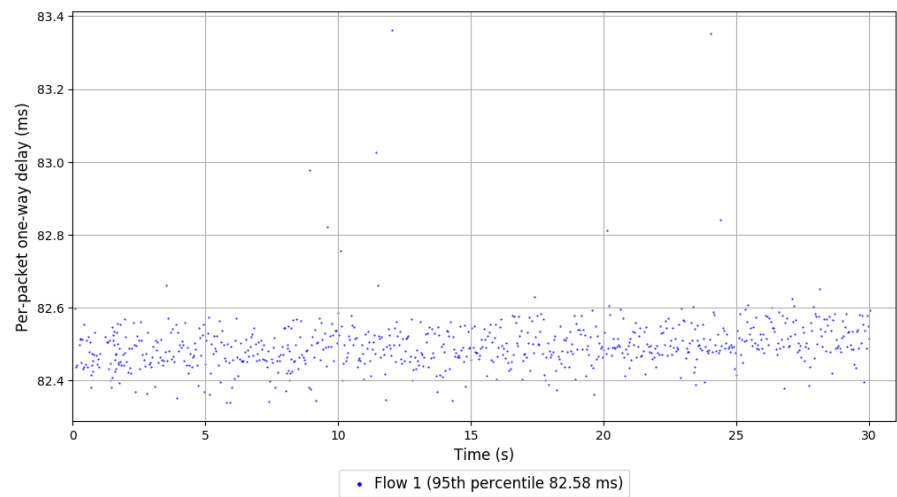
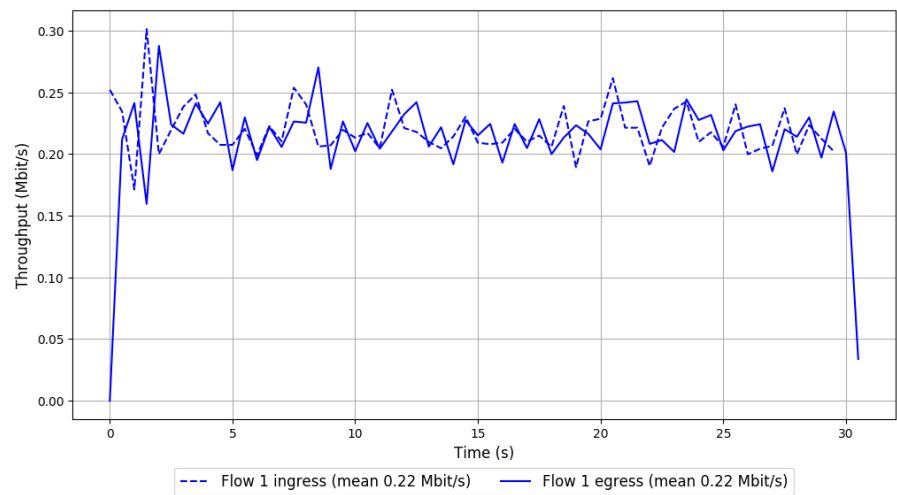
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.578 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-01-24 15:11:23

End at: 2019-01-24 15:11:53

Local clock offset: -1.327 ms

Remote clock offset: 8.802 ms

Below is generated by plot.py at 2019-01-24 16:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 84.172 ms

Loss rate: 0.00%

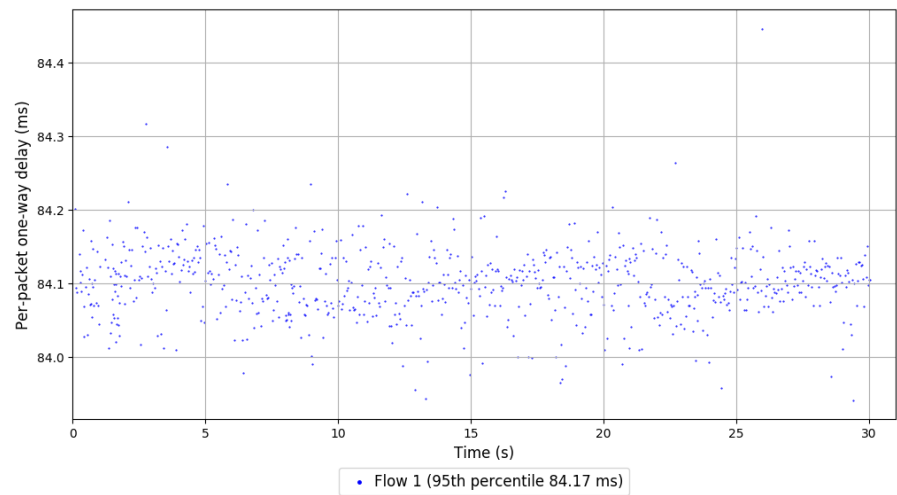
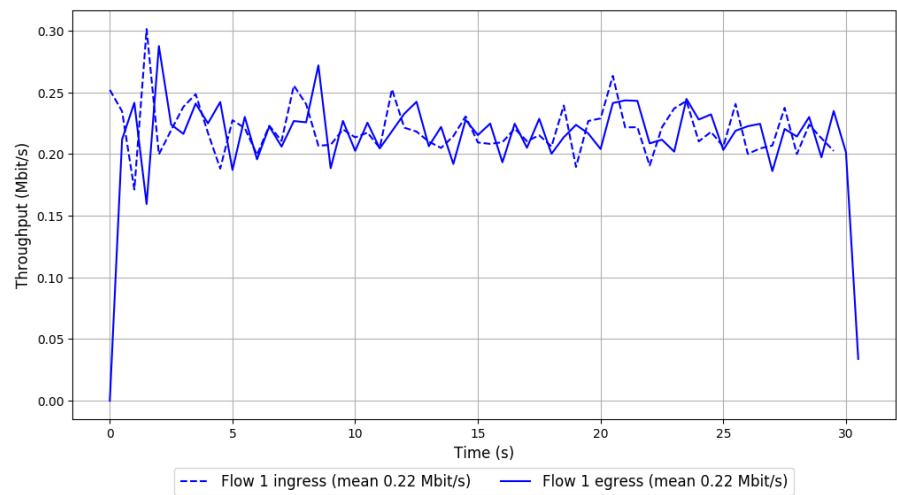
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 84.172 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-01-24 15:36:00

End at: 2019-01-24 15:36:30

Local clock offset: -3.428 ms

Remote clock offset: 3.465 ms

Below is generated by plot.py at 2019-01-24 16:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.561 ms

Loss rate: 0.13%

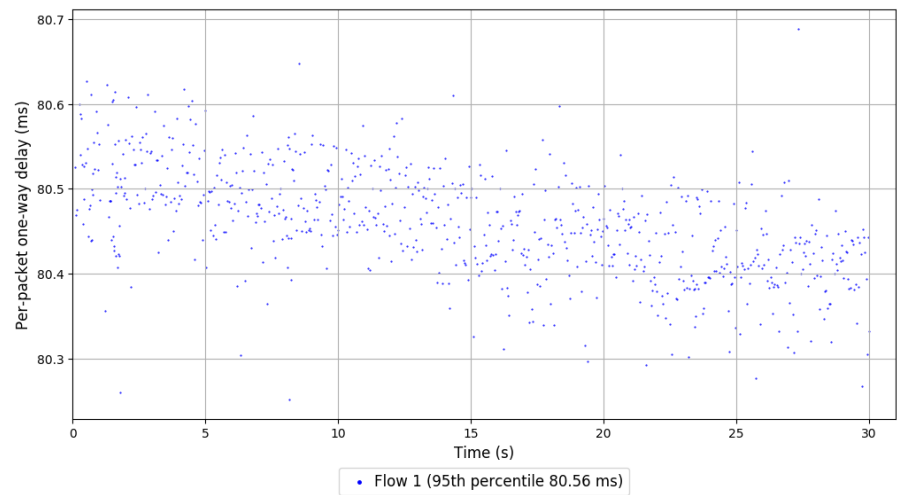
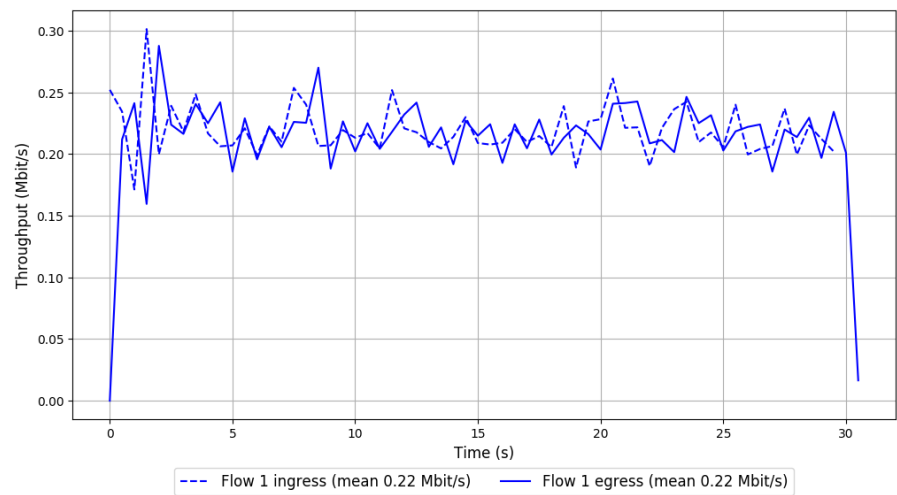
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.561 ms

Loss rate: 0.13%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-01-24 16:00:38

End at: 2019-01-24 16:01:08

Local clock offset: -6.834 ms

Remote clock offset: 4.232 ms

Below is generated by plot.py at 2019-01-24 16:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 81.208 ms

Loss rate: 0.00%

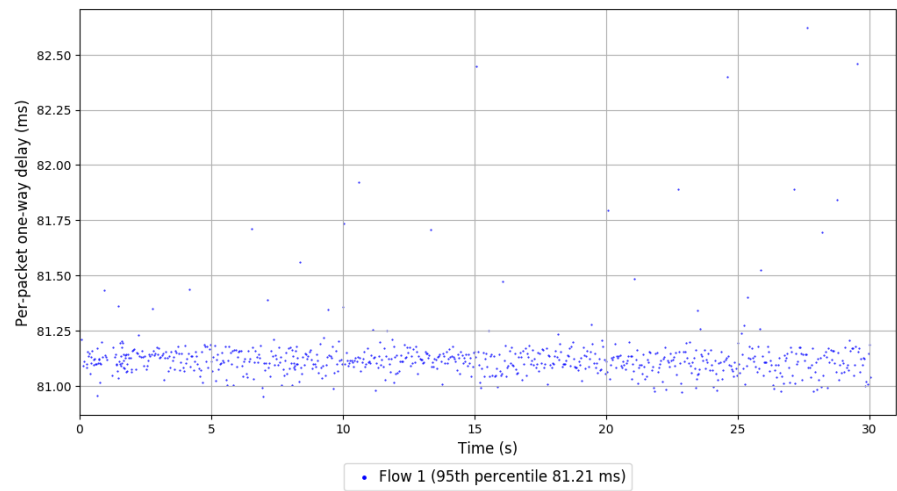
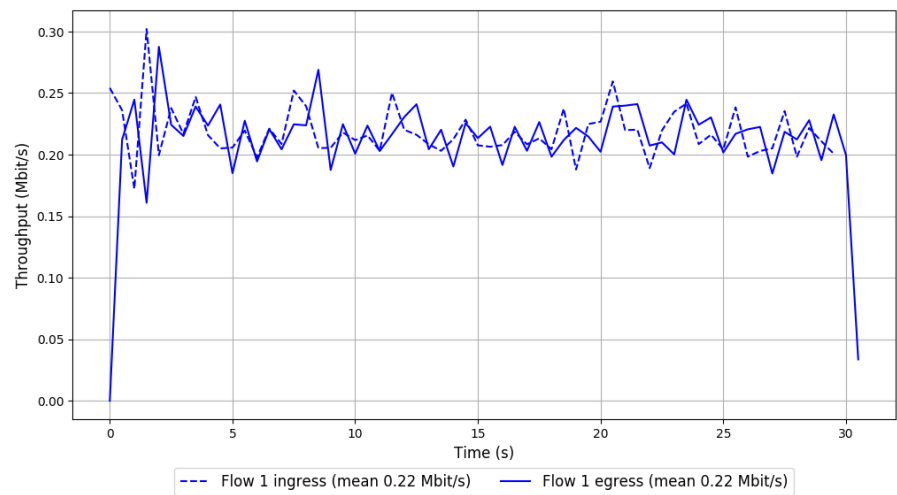
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 81.208 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-01-24 14:27:58

End at: 2019-01-24 14:28:28

Local clock offset: -3.942 ms

Remote clock offset: 5.152 ms

Below is generated by plot.py at 2019-01-24 16:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.49 Mbit/s

95th percentile per-packet one-way delay: 83.724 ms

Loss rate: 0.00%

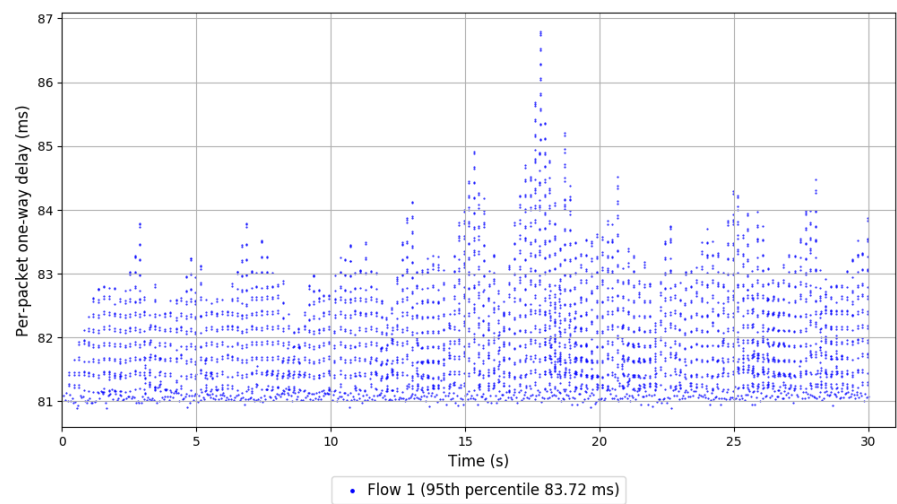
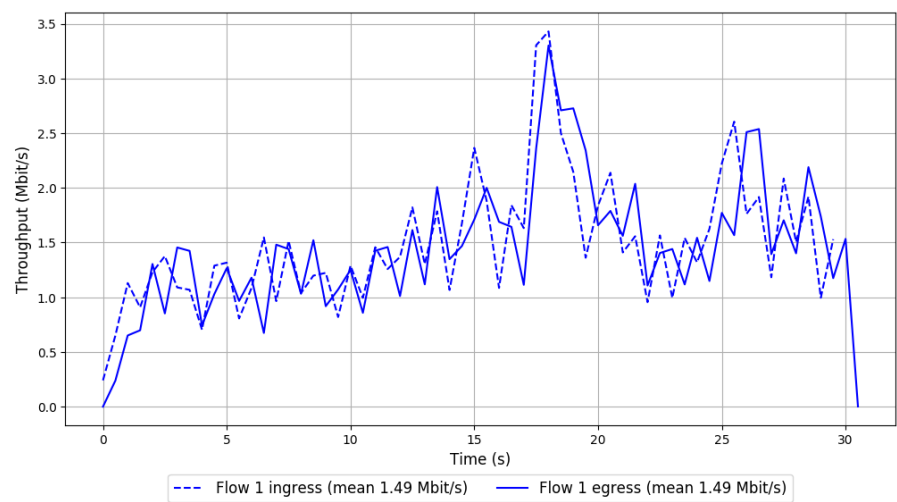
-- Flow 1:

Average throughput: 1.49 Mbit/s

95th percentile per-packet one-way delay: 83.724 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2019-01-24 14:52:34

End at: 2019-01-24 14:53:04

Local clock offset: -1.471 ms

Remote clock offset: 4.91 ms

Below is generated by plot.py at 2019-01-24 16:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 86.181 ms

Loss rate: 0.00%

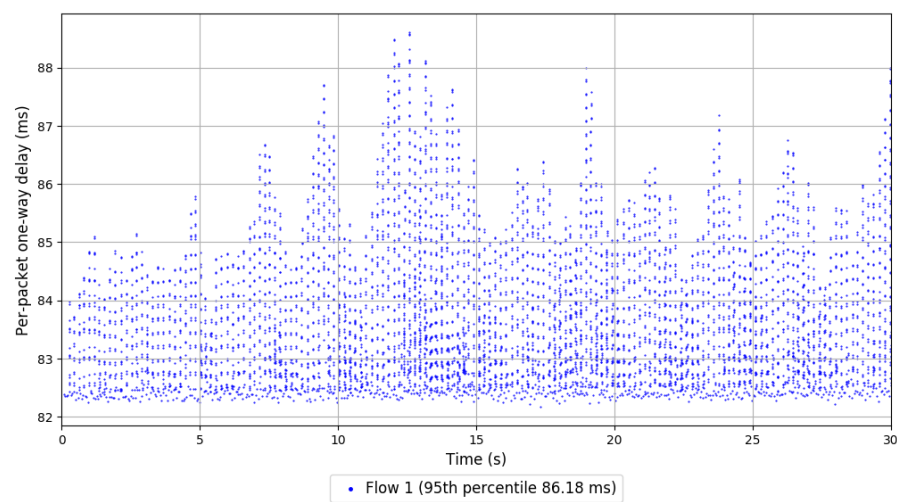
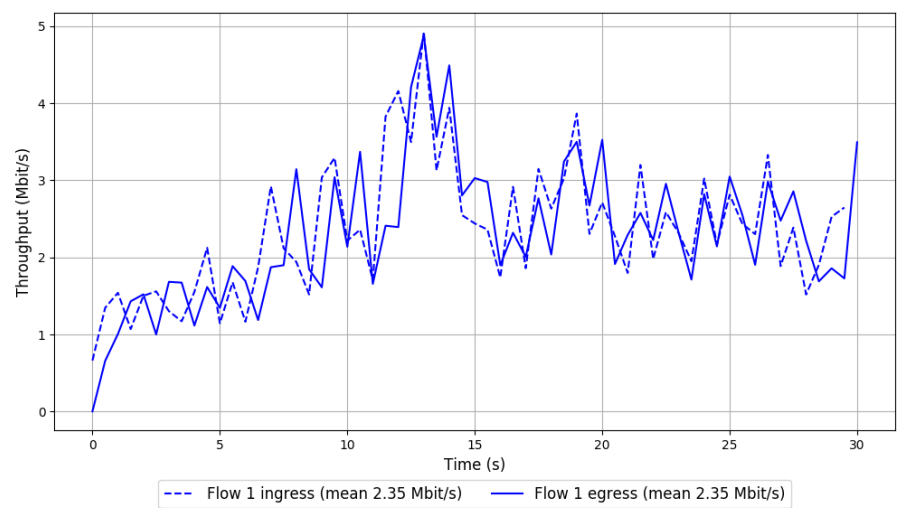
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 86.181 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2019-01-24 15:17:13

End at: 2019-01-24 15:17:43

Local clock offset: -2.052 ms

Remote clock offset: 3.684 ms

Below is generated by plot.py at 2019-01-24 16:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 84.502 ms

Loss rate: 0.00%

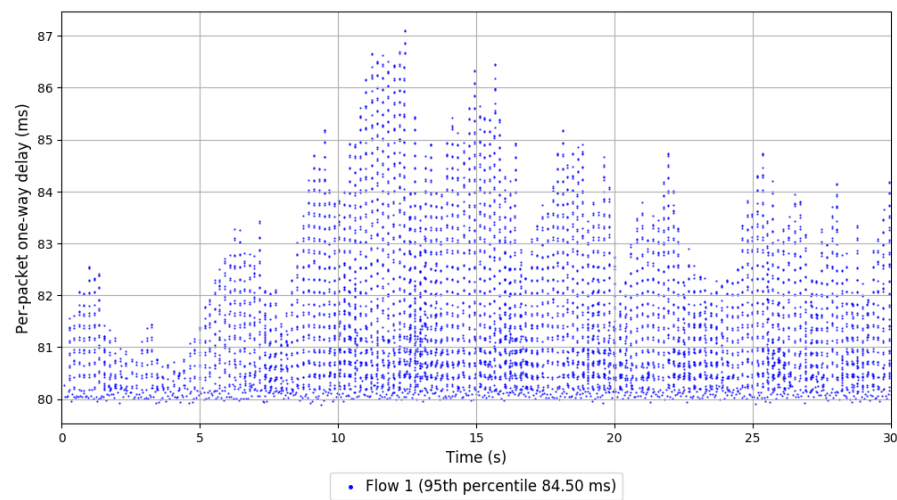
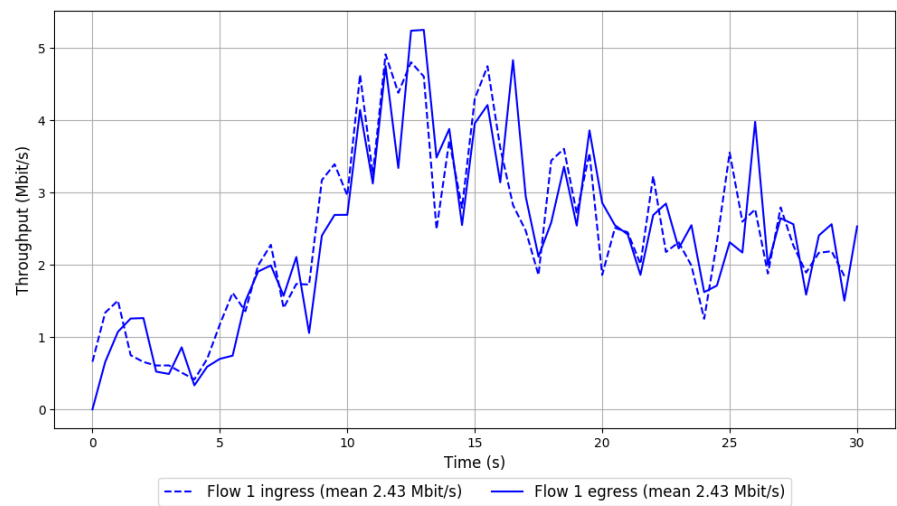
-- Flow 1:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 84.502 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

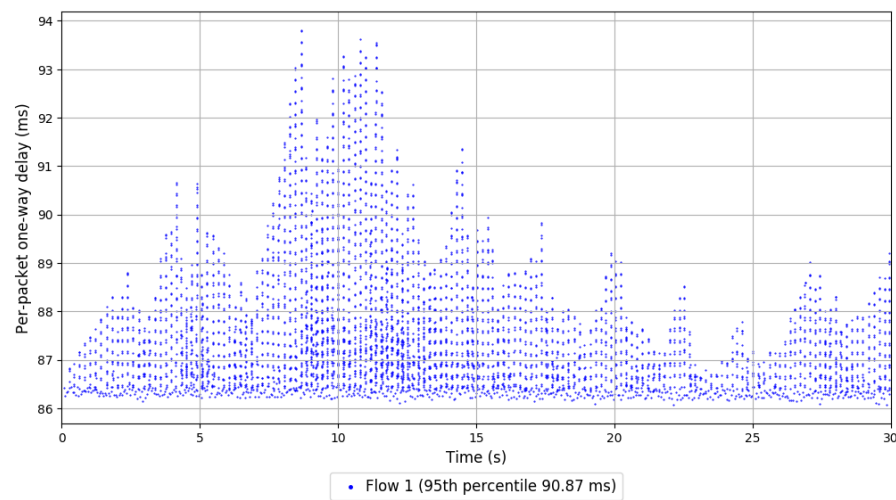
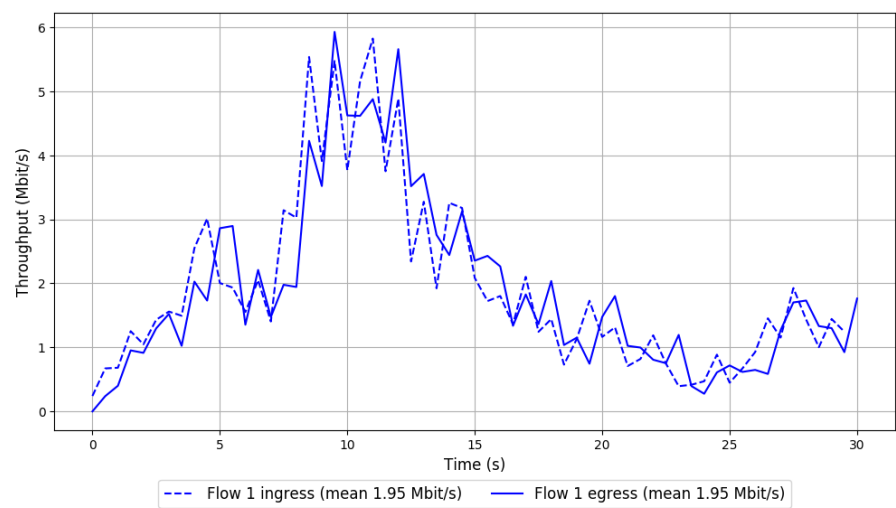


Run 4: Statistics of Sprout

Start at: 2019-01-24 15:41:50
End at: 2019-01-24 15:42:20
Local clock offset: -4.659 ms
Remote clock offset: 8.346 ms

Below is generated by plot.py at 2019-01-24 16:33:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 90.872 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 90.872 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-01-24 16:06:29

End at: 2019-01-24 16:06:59

Local clock offset: -7.139 ms

Remote clock offset: 3.592 ms

Below is generated by plot.py at 2019-01-24 16:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.85 Mbit/s

95th percentile per-packet one-way delay: 86.338 ms

Loss rate: 0.00%

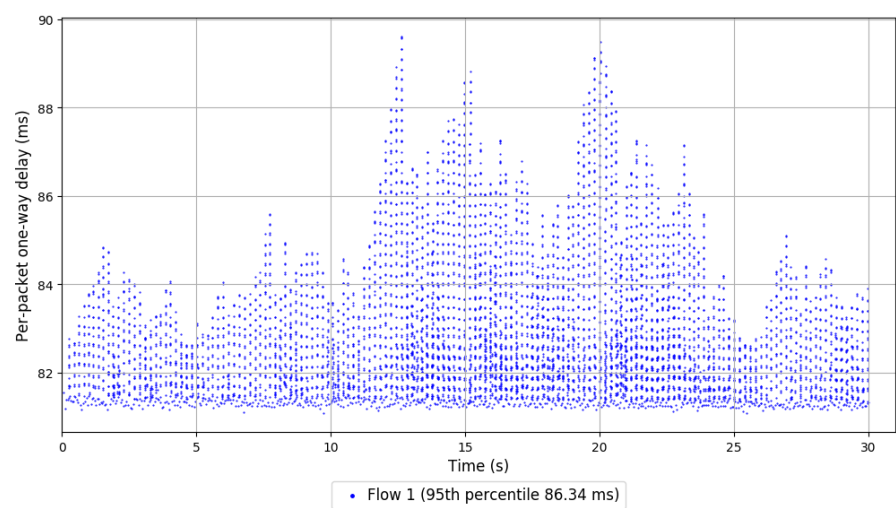
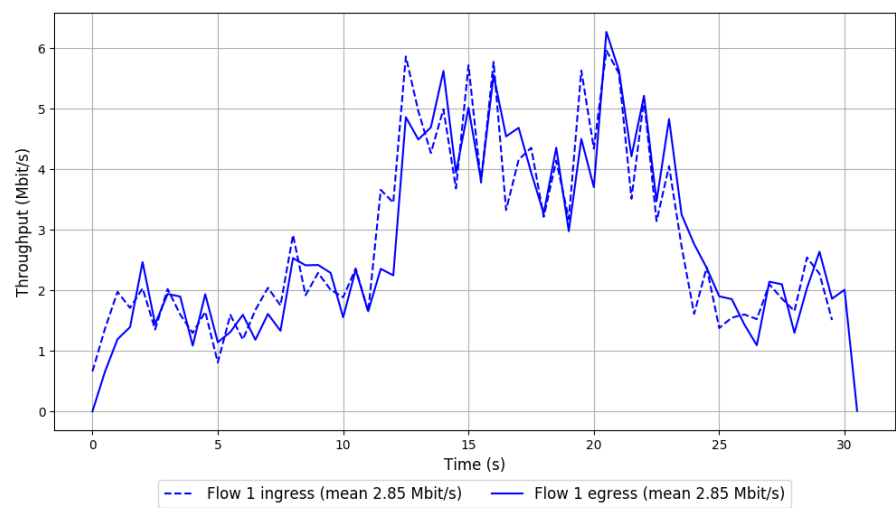
-- Flow 1:

Average throughput: 2.85 Mbit/s

95th percentile per-packet one-way delay: 86.338 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

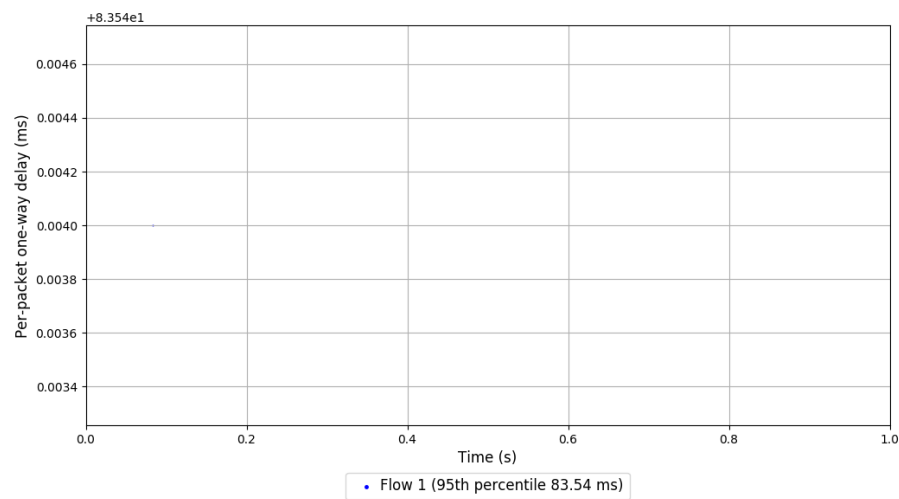
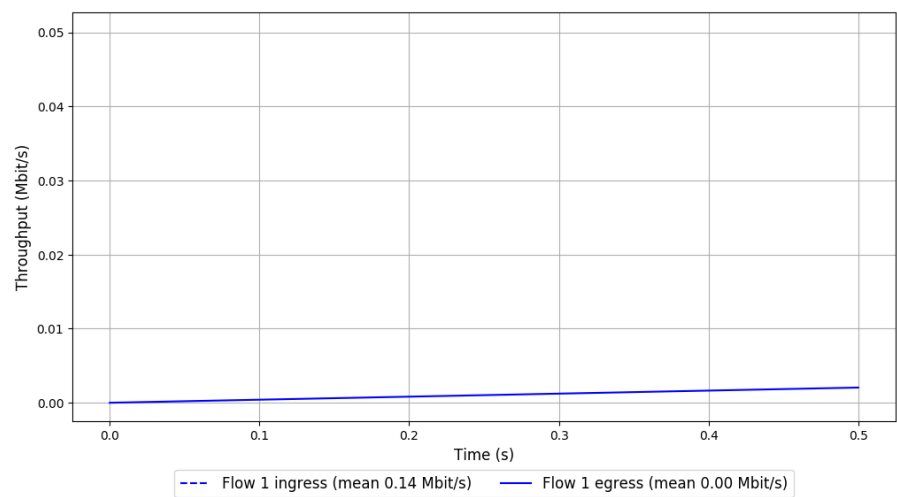
Start at: 2019-01-24 14:38:36

End at: 2019-01-24 14:39:06

Local clock offset: -3.042 ms

Remote clock offset: 5.13 ms

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



Run 2: Statistics of TaoVA-100x

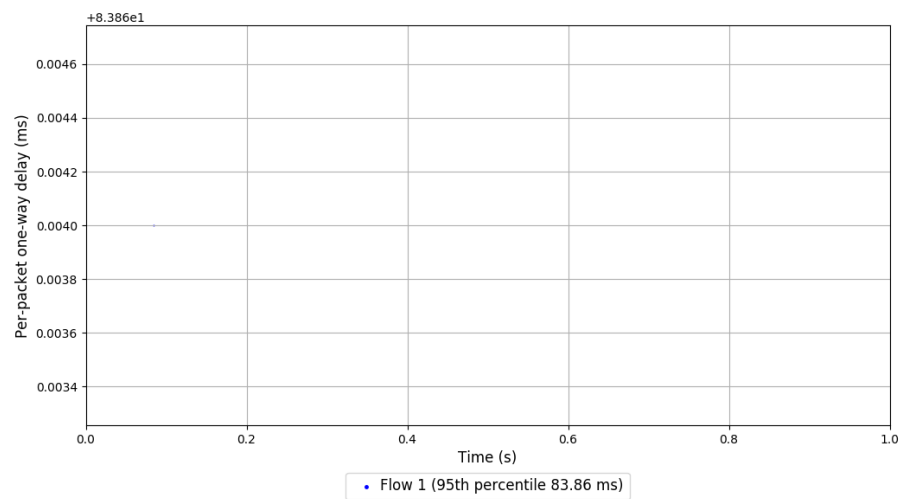
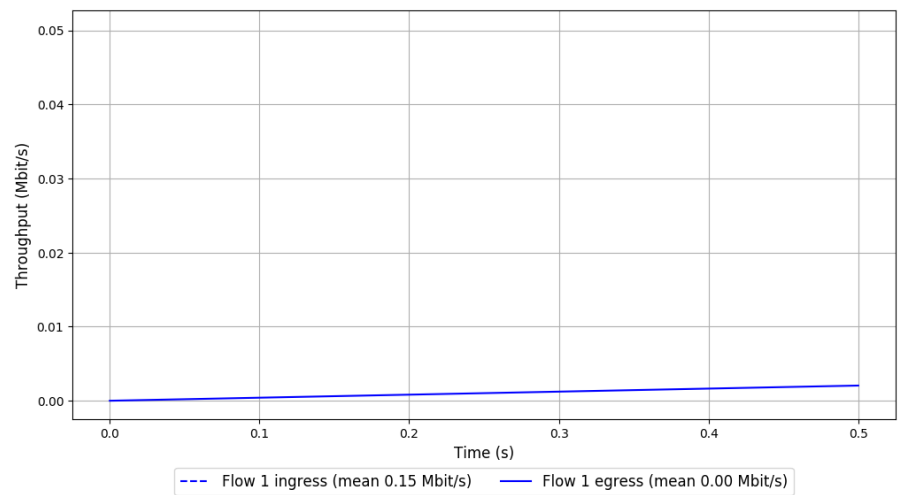
Start at: 2019-01-24 15:03:14

End at: 2019-01-24 15:03:44

Local clock offset: -0.597 ms

Remote clock offset: 8.795 ms

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



Run 3: Statistics of TaoVA-100x

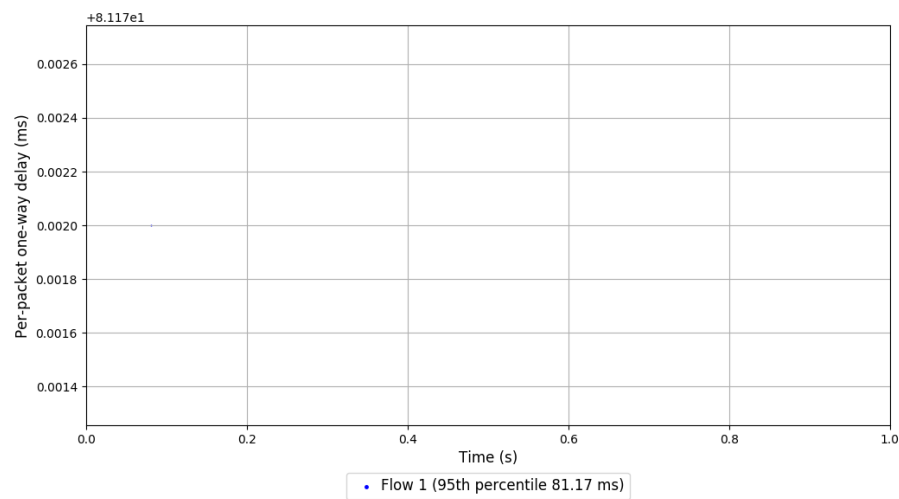
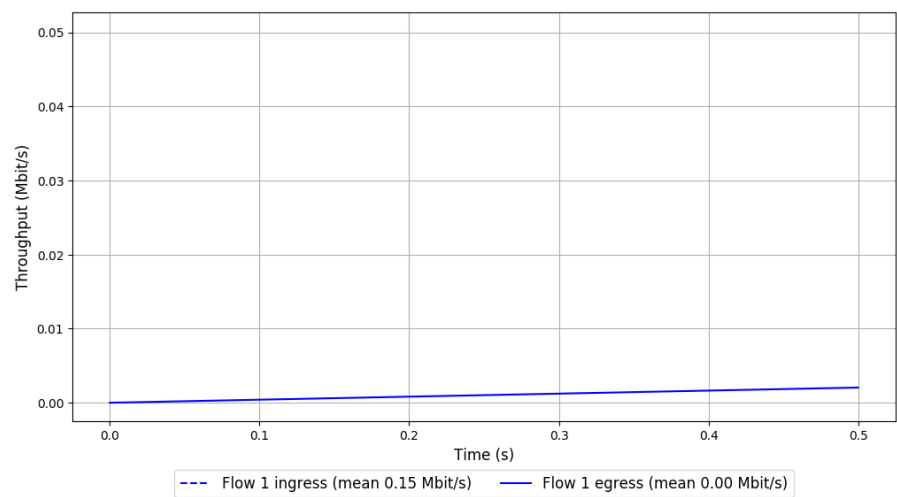
Start at: 2019-01-24 15:27:51

End at: 2019-01-24 15:28:21

Local clock offset: -1.682 ms

Remote clock offset: 5.145 ms

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



Run 4: Statistics of TaoVA-100x

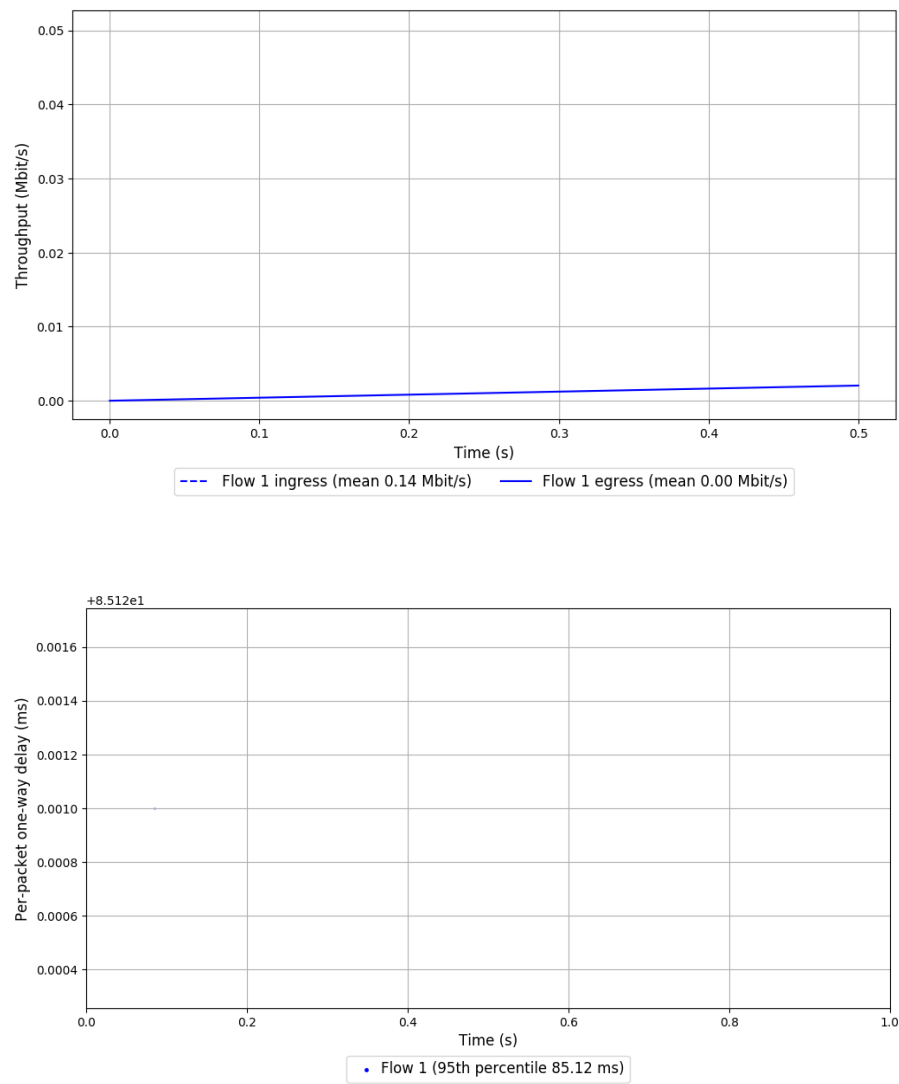
Start at: 2019-01-24 15:52:30

End at: 2019-01-24 15:53:00

Local clock offset: -6.431 ms

Remote clock offset: 6.842 ms

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



Run 5: Statistics of TaoVA-100x

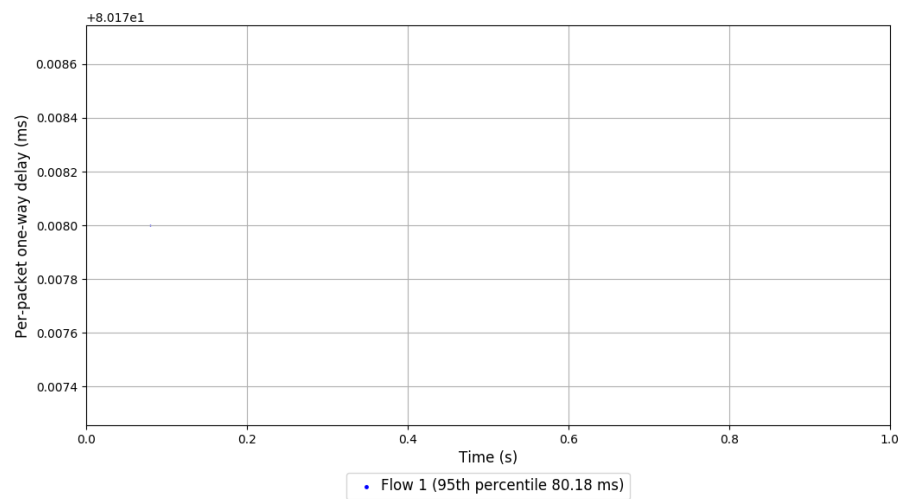
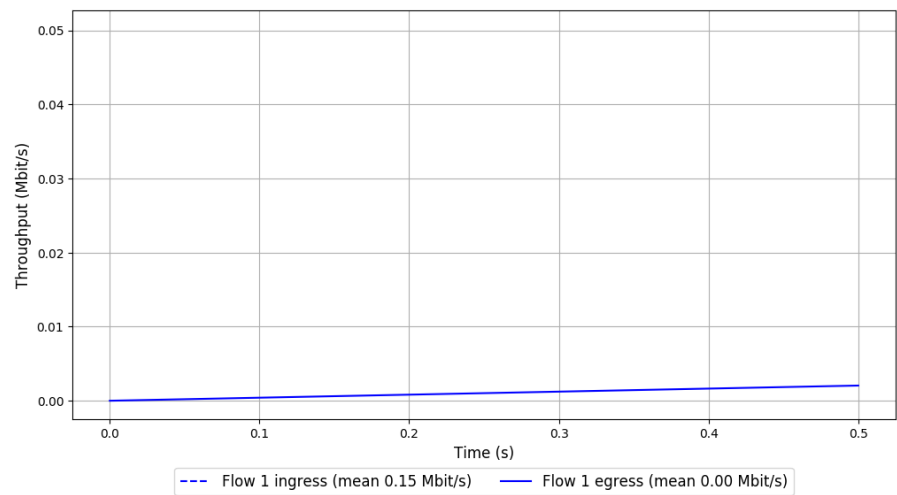
Start at: 2019-01-24 16:17:07

End at: 2019-01-24 16:17:37

Local clock offset: -6.824 ms

Remote clock offset: 5.349 ms

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



Run 1: Statistics of TCP Vegas

Start at: 2019-01-24 14:29:05

End at: 2019-01-24 14:29:35

Local clock offset: -3.802 ms

Remote clock offset: 9.097 ms

Below is generated by plot.py at 2019-01-24 16:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.84 Mbit/s

95th percentile per-packet one-way delay: 85.358 ms

Loss rate: 0.75%

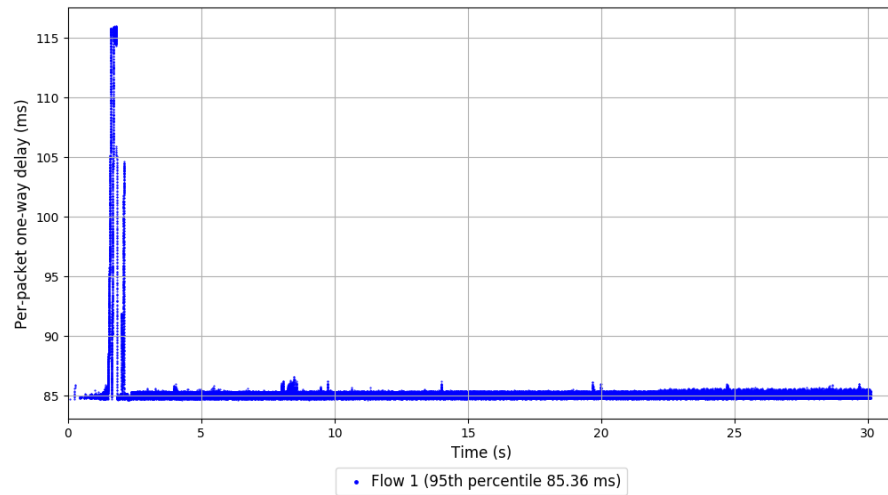
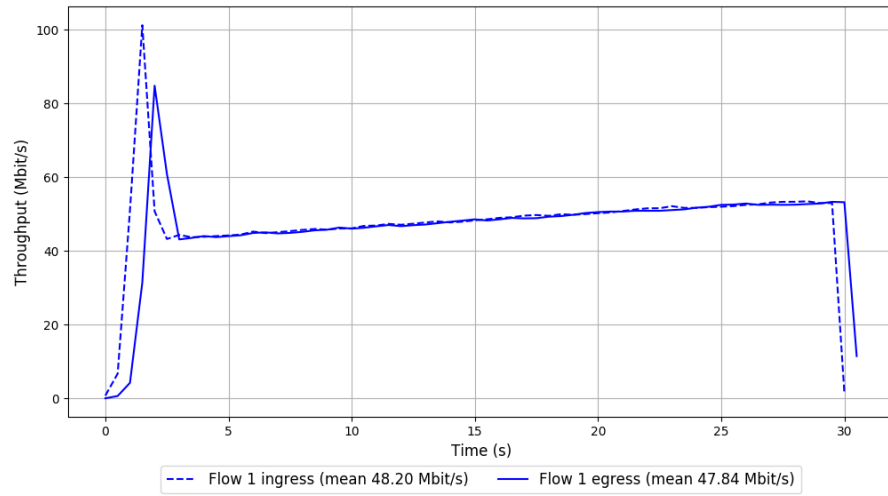
-- Flow 1:

Average throughput: 47.84 Mbit/s

95th percentile per-packet one-way delay: 85.358 ms

Loss rate: 0.75%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-01-24 14:53:42

End at: 2019-01-24 14:54:12

Local clock offset: -1.371 ms

Remote clock offset: 8.864 ms

Below is generated by plot.py at 2019-01-24 16:33:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.46 Mbit/s

95th percentile per-packet one-way delay: 85.963 ms

Loss rate: 0.46%

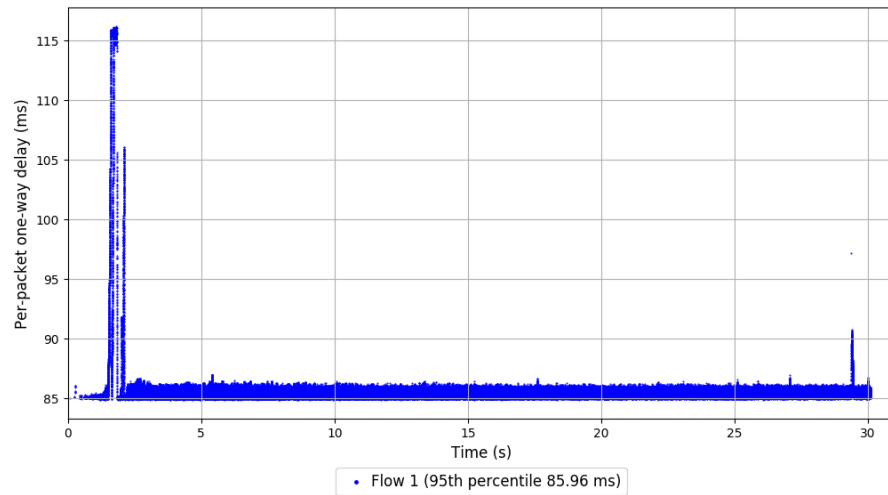
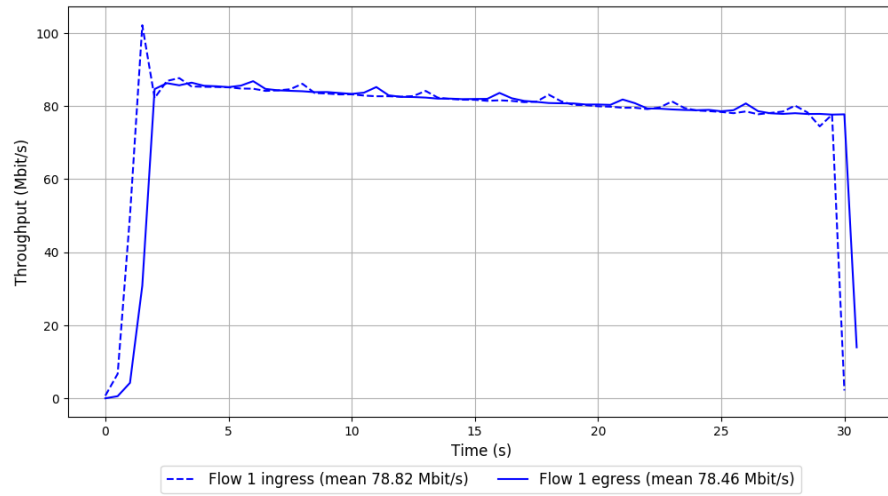
-- Flow 1:

Average throughput: 78.46 Mbit/s

95th percentile per-packet one-way delay: 85.963 ms

Loss rate: 0.46%

Run 2: Report of TCP Vegas — Data Link

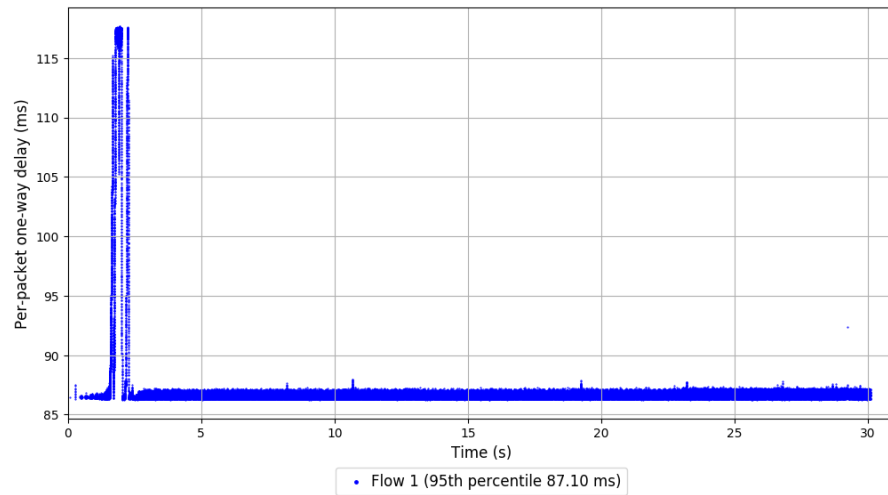
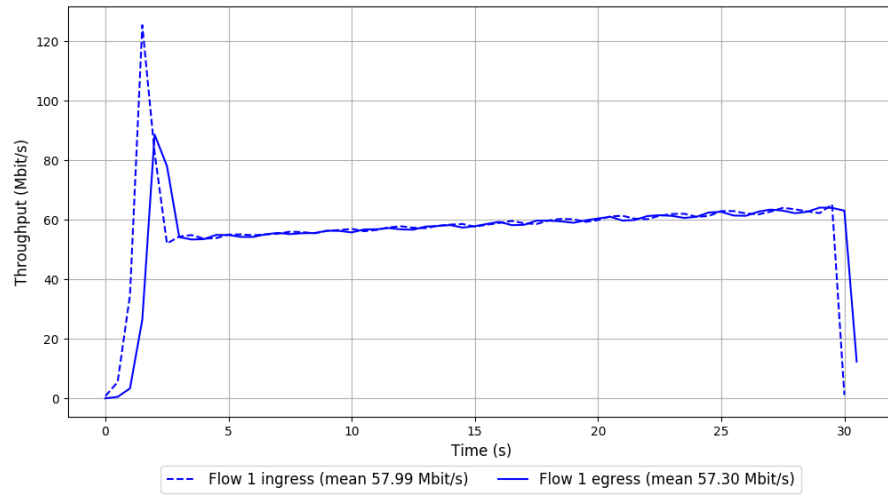


Run 3: Statistics of TCP Vegas

Start at: 2019-01-24 15:18:20
End at: 2019-01-24 15:18:50
Local clock offset: -2.029 ms
Remote clock offset: 8.909 ms

Below is generated by plot.py at 2019-01-24 16:33:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.30 Mbit/s
95th percentile per-packet one-way delay: 87.096 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 57.30 Mbit/s
95th percentile per-packet one-way delay: 87.096 ms
Loss rate: 1.19%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-01-24 15:42:58

End at: 2019-01-24 15:43:28

Local clock offset: -4.875 ms

Remote clock offset: 4.351 ms

Below is generated by plot.py at 2019-01-24 16:33:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.42 Mbit/s

95th percentile per-packet one-way delay: 82.751 ms

Loss rate: 0.44%

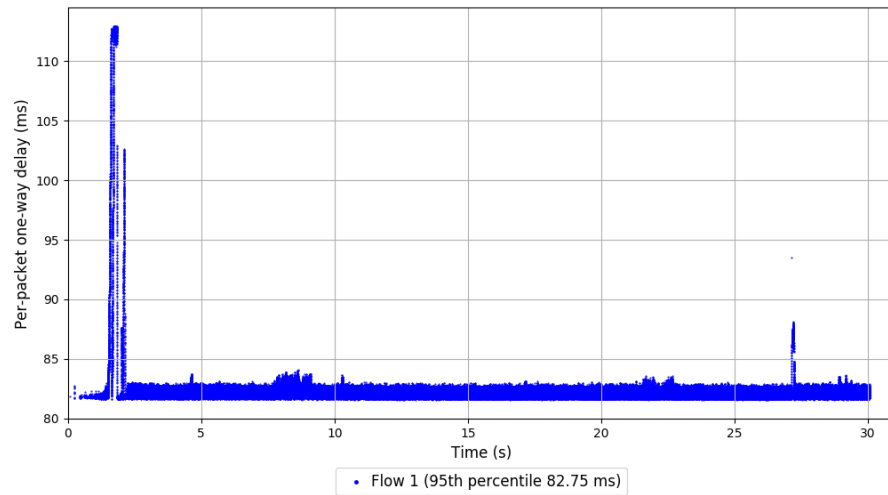
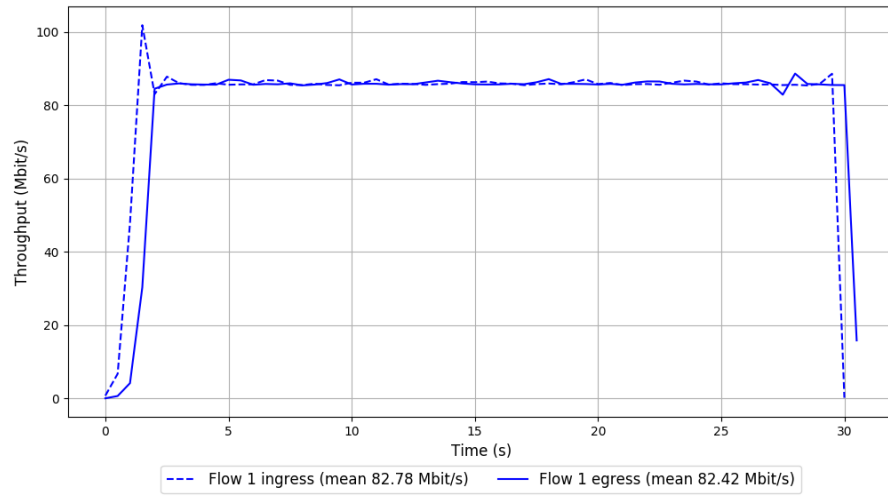
-- Flow 1:

Average throughput: 82.42 Mbit/s

95th percentile per-packet one-way delay: 82.751 ms

Loss rate: 0.44%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-01-24 16:07:36

End at: 2019-01-24 16:08:06

Local clock offset: -7.164 ms

Remote clock offset: 4.904 ms

Below is generated by plot.py at 2019-01-24 16:33:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.35 Mbit/s

95th percentile per-packet one-way delay: 83.819 ms

Loss rate: 1.28%

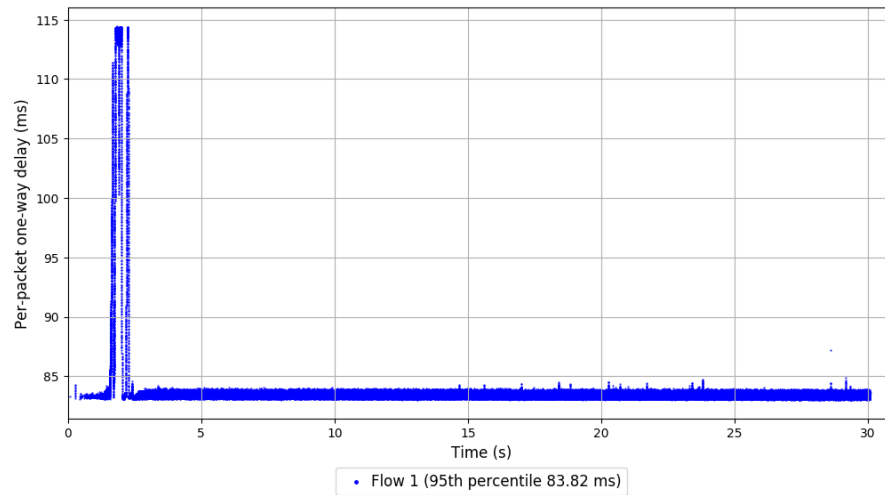
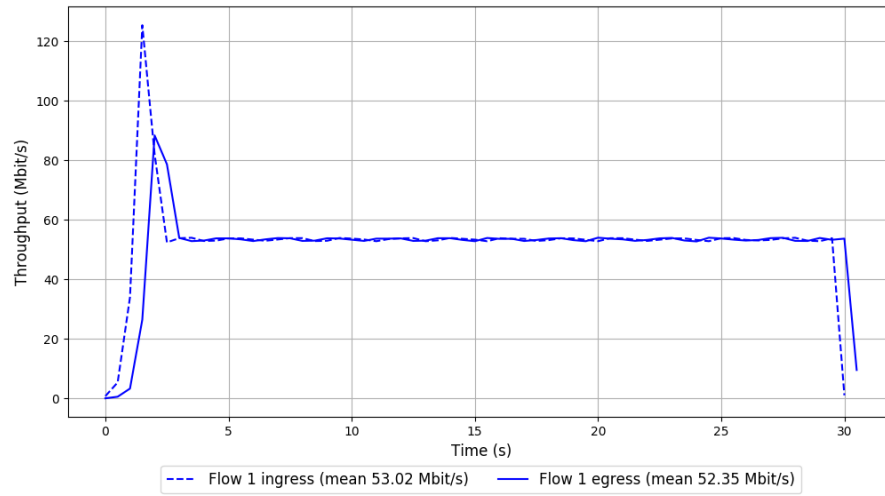
-- Flow 1:

Average throughput: 52.35 Mbit/s

95th percentile per-packet one-way delay: 83.819 ms

Loss rate: 1.28%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-01-24 14:30:15

End at: 2019-01-24 14:30:45

Local clock offset: -3.739 ms

Remote clock offset: 7.712 ms

Below is generated by plot.py at 2019-01-24 16:33:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.42 Mbit/s

95th percentile per-packet one-way delay: 145.959 ms

Loss rate: 66.99%

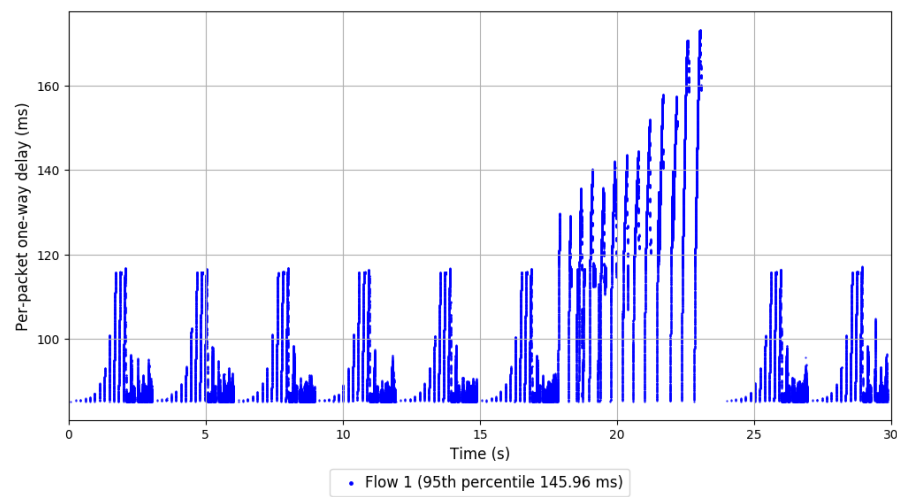
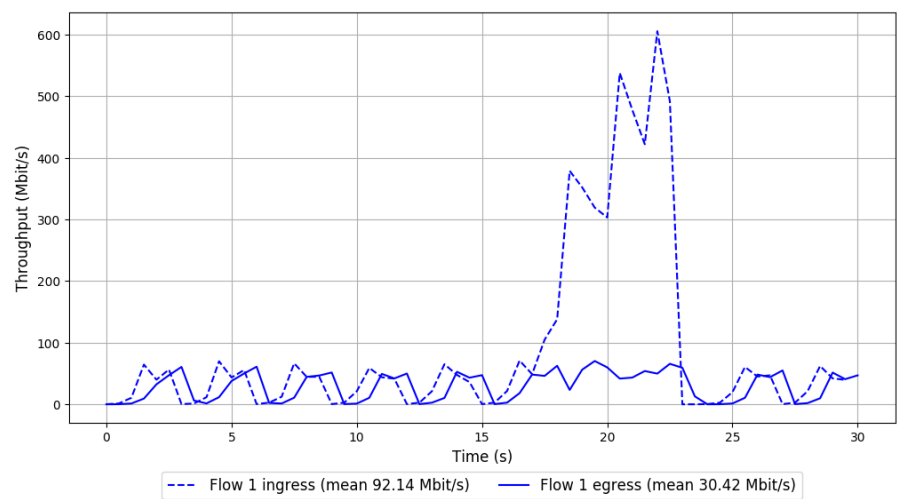
-- Flow 1:

Average throughput: 30.42 Mbit/s

95th percentile per-packet one-way delay: 145.959 ms

Loss rate: 66.99%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-01-24 14:54:54

End at: 2019-01-24 14:55:24

Local clock offset: -0.48 ms

Remote clock offset: 3.936 ms

Below is generated by plot.py at 2019-01-24 16:33:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.12 Mbit/s

95th percentile per-packet one-way delay: 111.136 ms

Loss rate: 9.42%

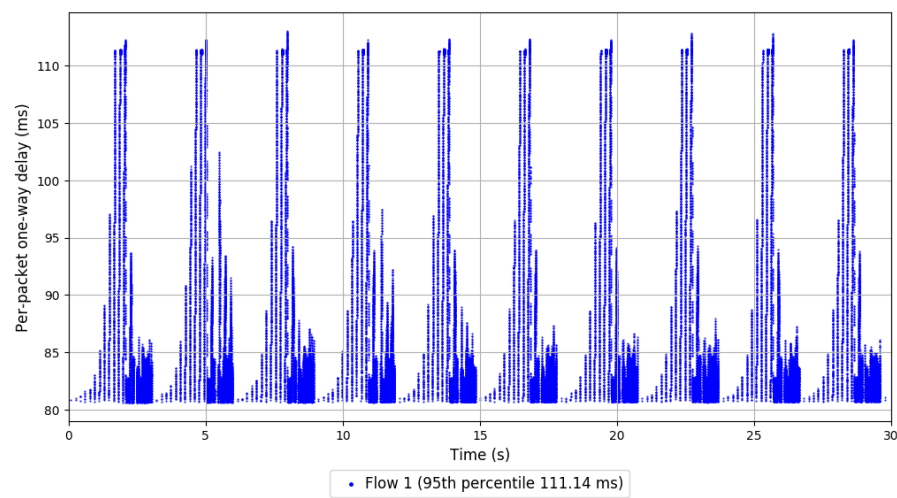
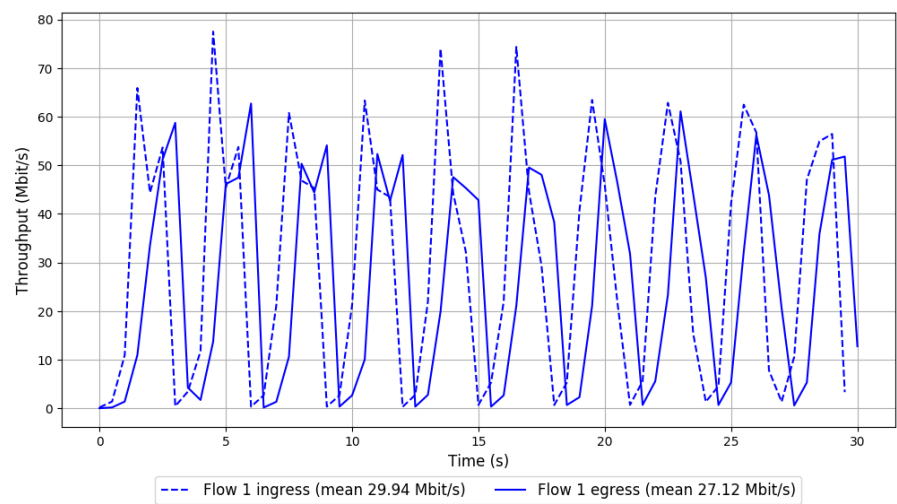
-- Flow 1:

Average throughput: 27.12 Mbit/s

95th percentile per-packet one-way delay: 111.136 ms

Loss rate: 9.42%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-01-24 15:19:31

End at: 2019-01-24 15:20:01

Local clock offset: -1.247 ms

Remote clock offset: 5.002 ms

Below is generated by plot.py at 2019-01-24 16:33:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.90 Mbit/s

95th percentile per-packet one-way delay: 110.637 ms

Loss rate: 23.18%

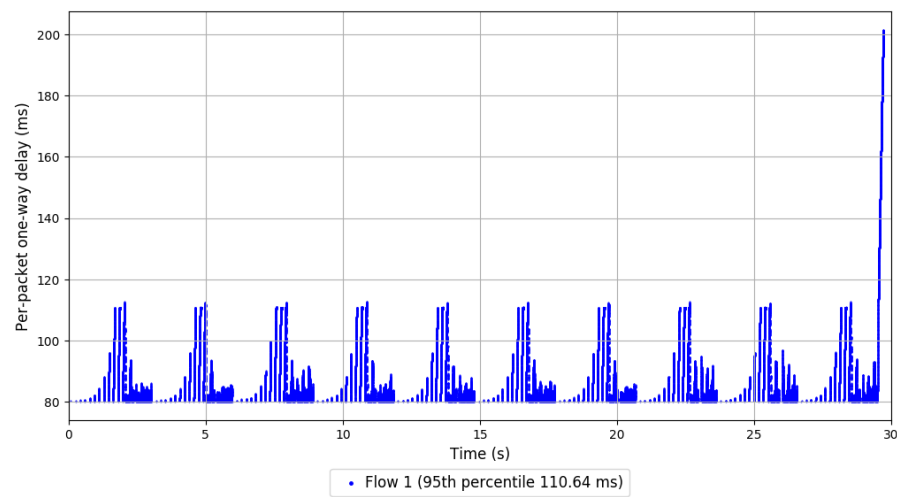
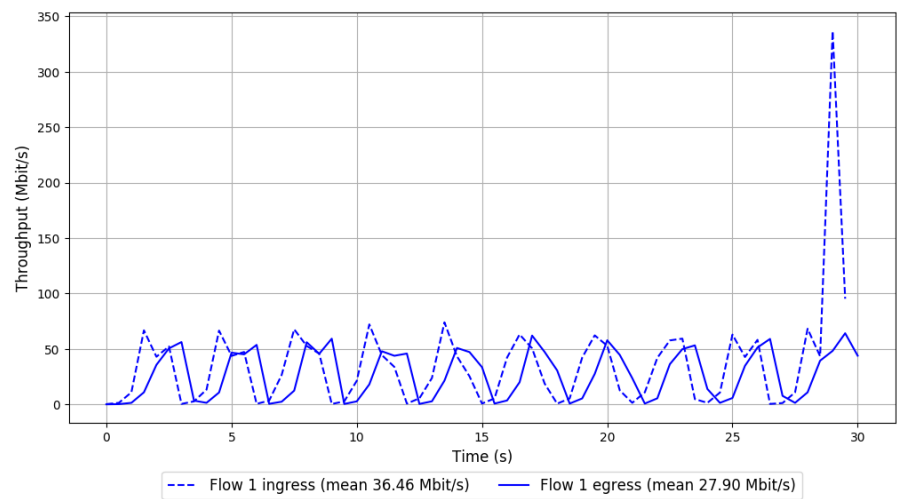
-- Flow 1:

Average throughput: 27.90 Mbit/s

95th percentile per-packet one-way delay: 110.637 ms

Loss rate: 23.18%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-01-24 15:44:09

End at: 2019-01-24 15:44:39

Local clock offset: -5.009 ms

Remote clock offset: 9.296 ms

Below is generated by plot.py at 2019-01-24 16:33:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.32 Mbit/s

95th percentile per-packet one-way delay: 158.607 ms

Loss rate: 60.24%

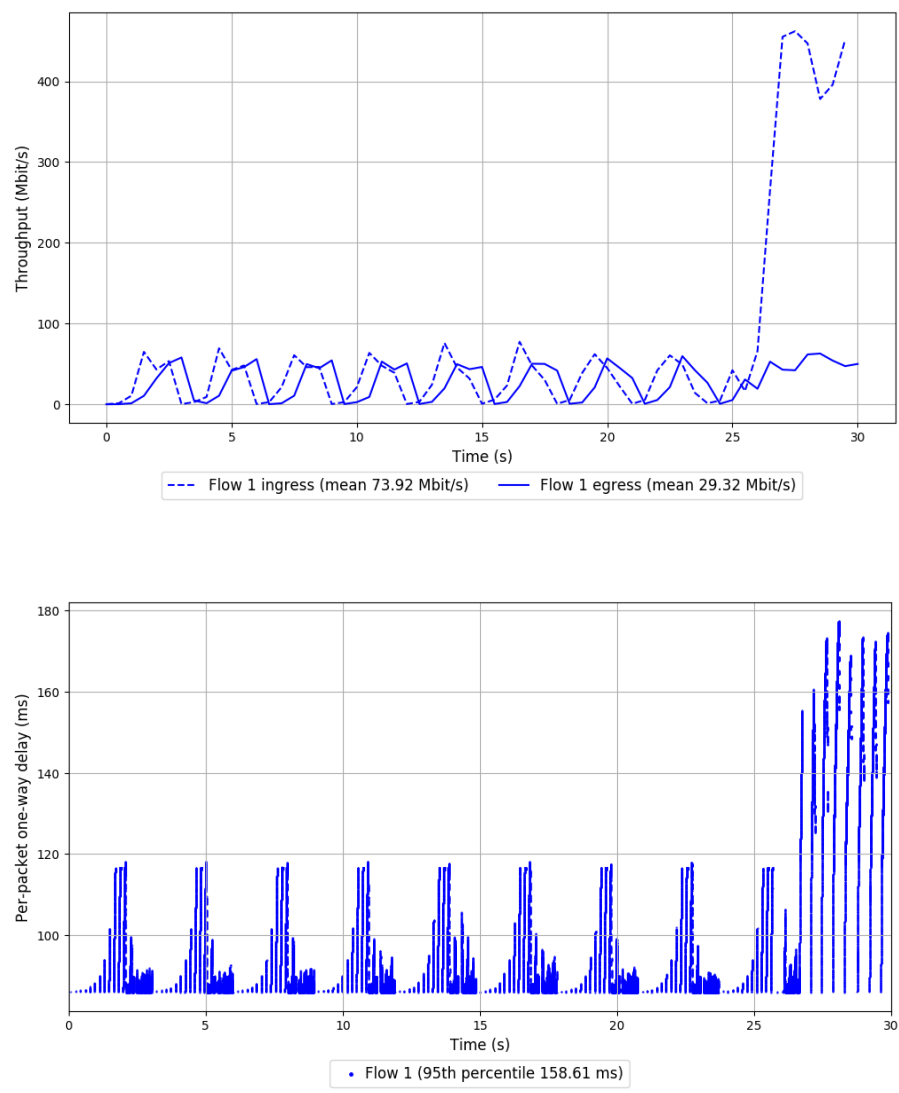
-- Flow 1:

Average throughput: 29.32 Mbit/s

95th percentile per-packet one-way delay: 158.607 ms

Loss rate: 60.24%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-01-24 16:08:47

End at: 2019-01-24 16:09:17

Local clock offset: -6.475 ms

Remote clock offset: 3.78 ms

Below is generated by plot.py at 2019-01-24 16:33:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.89 Mbit/s

95th percentile per-packet one-way delay: 110.907 ms

Loss rate: 9.19%

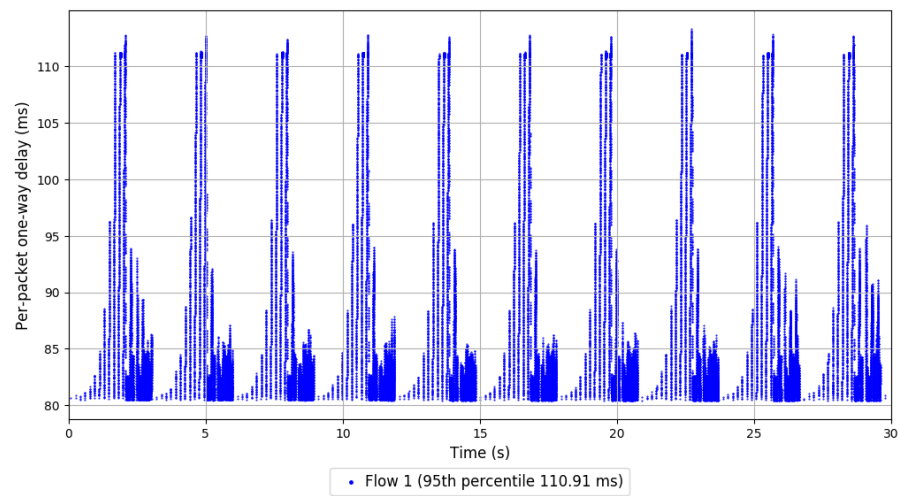
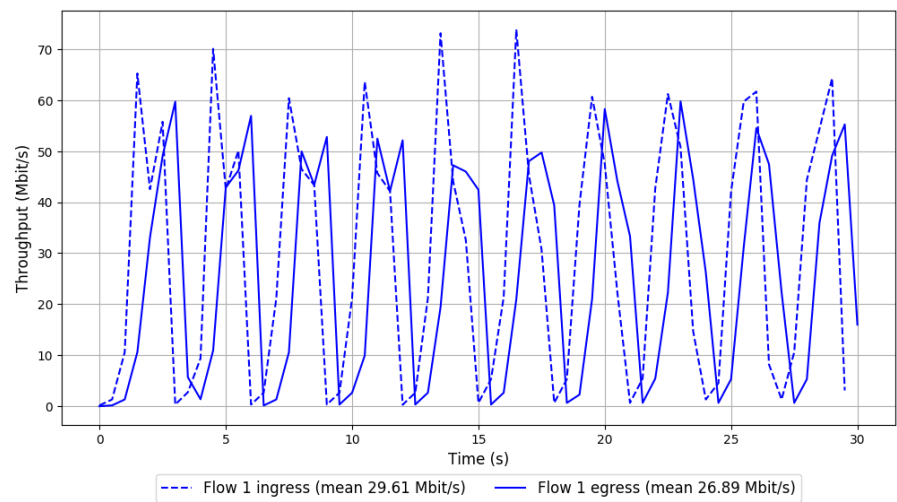
-- Flow 1:

Average throughput: 26.89 Mbit/s

95th percentile per-packet one-way delay: 110.907 ms

Loss rate: 9.19%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-01-24 14:37:24

End at: 2019-01-24 14:37:54

Local clock offset: -3.134 ms

Remote clock offset: 8.772 ms

Below is generated by plot.py at 2019-01-24 16:34:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.83 Mbit/s

95th percentile per-packet one-way delay: 109.687 ms

Loss rate: 0.16%

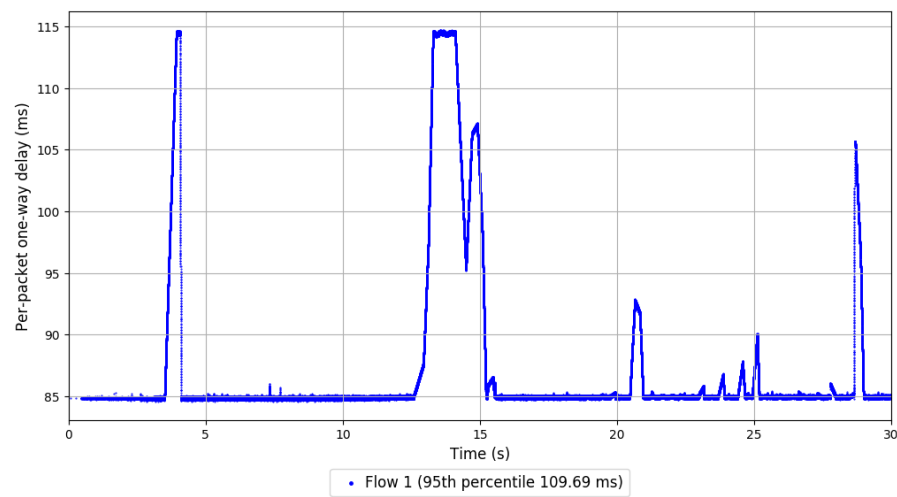
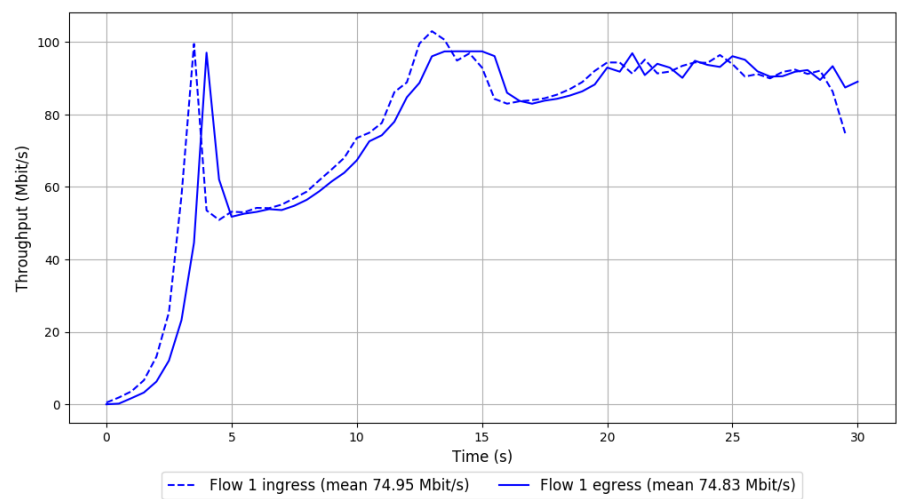
-- Flow 1:

Average throughput: 74.83 Mbit/s

95th percentile per-packet one-way delay: 109.687 ms

Loss rate: 0.16%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-01-24 15:02:02

End at: 2019-01-24 15:02:32

Local clock offset: -1.126 ms

Remote clock offset: 3.968 ms

Below is generated by plot.py at 2019-01-24 16:34:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.43 Mbit/s

95th percentile per-packet one-way delay: 91.777 ms

Loss rate: 0.04%

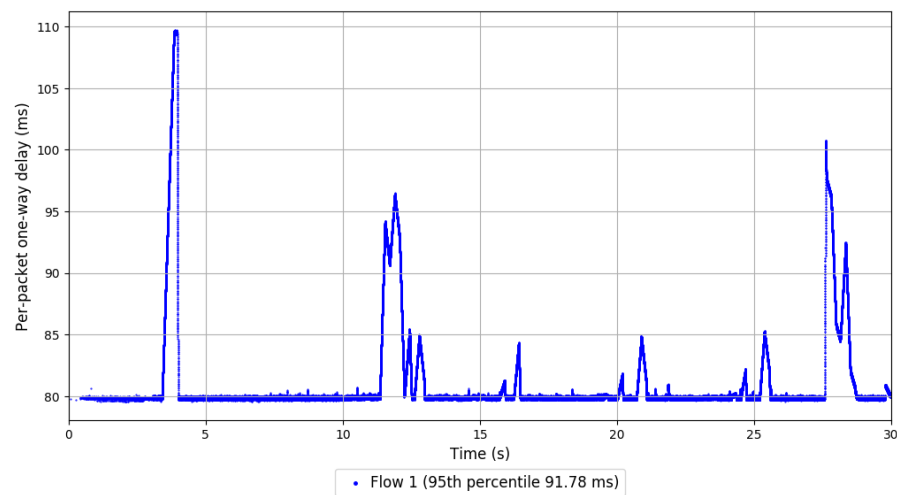
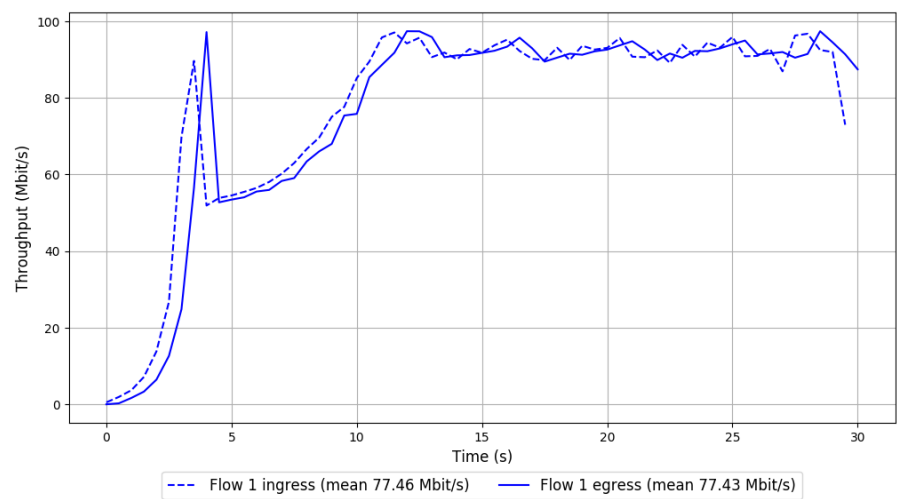
-- Flow 1:

Average throughput: 77.43 Mbit/s

95th percentile per-packet one-way delay: 91.777 ms

Loss rate: 0.04%

Run 2: Report of PCC-Vivace — Data Link

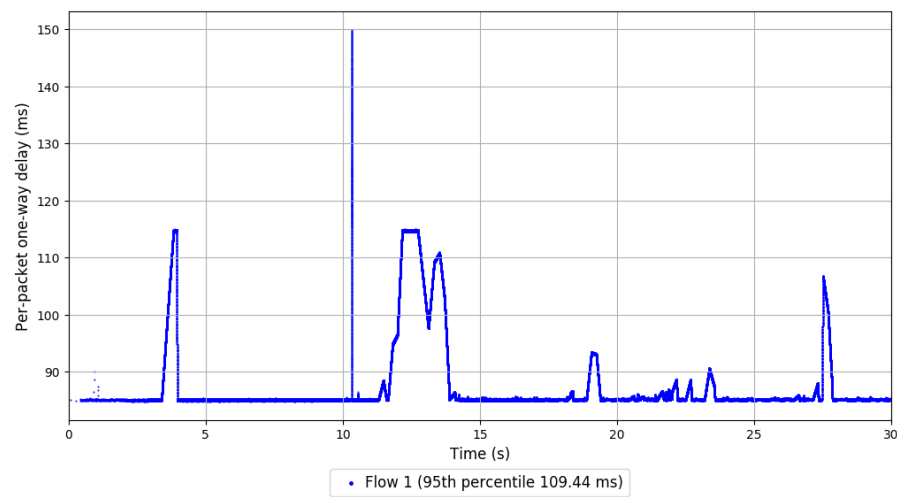
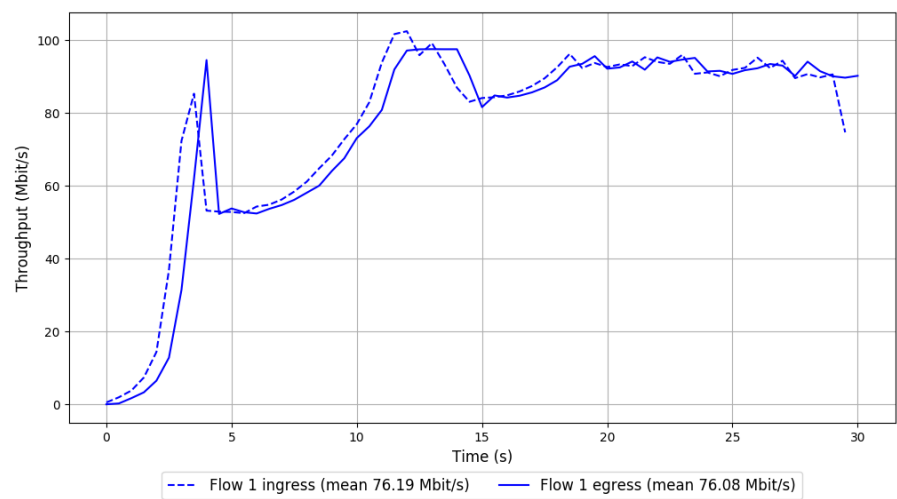


Run 3: Statistics of PCC-Vivace

Start at: 2019-01-24 15:26:39
End at: 2019-01-24 15:27:09
Local clock offset: -0.986 ms
Remote clock offset: 10.044 ms

Below is generated by plot.py at 2019-01-24 16:34:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.08 Mbit/s
95th percentile per-packet one-way delay: 109.438 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 76.08 Mbit/s
95th percentile per-packet one-way delay: 109.438 ms
Loss rate: 0.15%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-01-24 15:51:17

End at: 2019-01-24 15:51:47

Local clock offset: -5.617 ms

Remote clock offset: 3.103 ms

Below is generated by plot.py at 2019-01-24 16:34:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.95 Mbit/s

95th percentile per-packet one-way delay: 91.809 ms

Loss rate: 0.04%

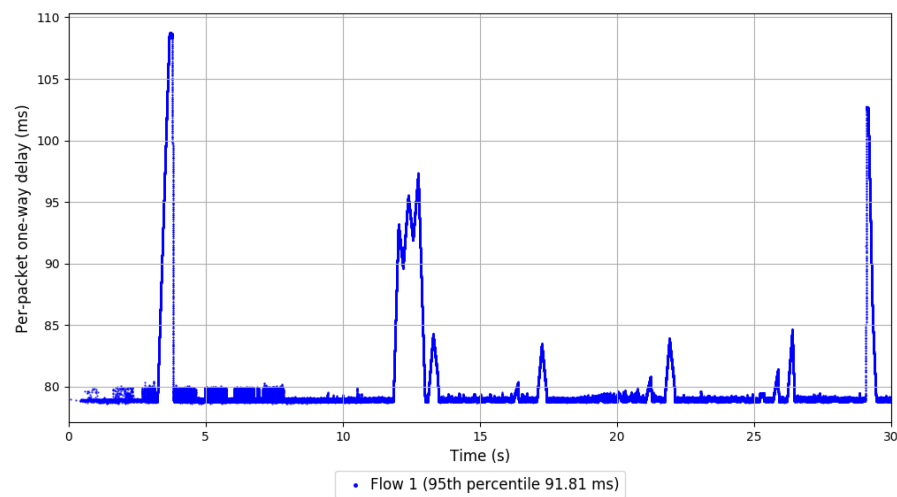
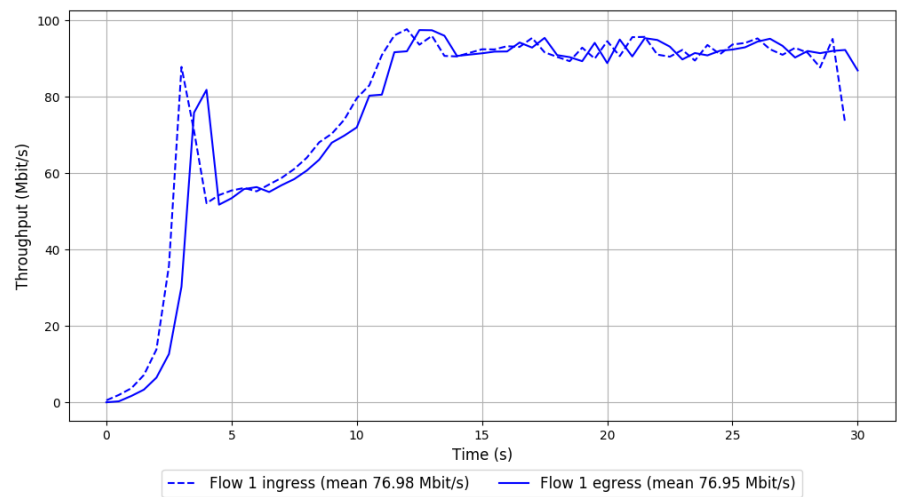
-- Flow 1:

Average throughput: 76.95 Mbit/s

95th percentile per-packet one-way delay: 91.809 ms

Loss rate: 0.04%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-01-24 16:15:54

End at: 2019-01-24 16:16:24

Local clock offset: -6.714 ms

Remote clock offset: 10.432 ms

Below is generated by plot.py at 2019-01-24 16:34:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.35 Mbit/s

95th percentile per-packet one-way delay: 98.604 ms

Loss rate: 0.04%

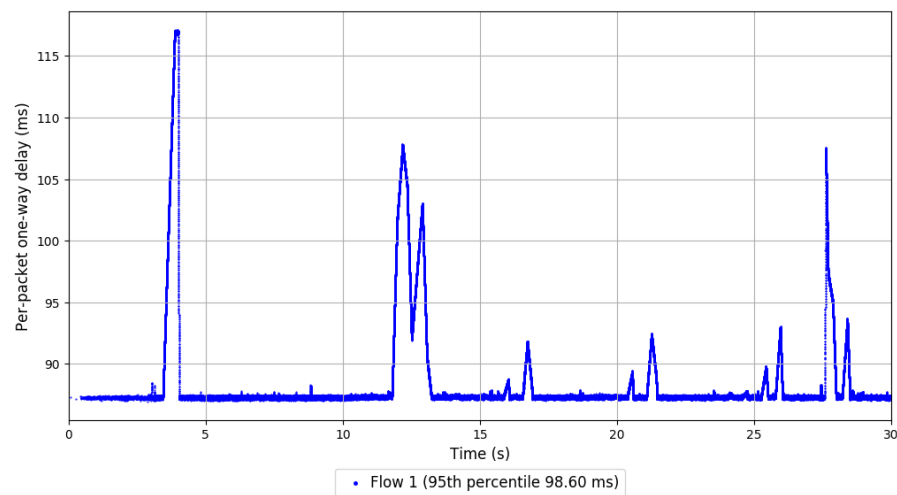
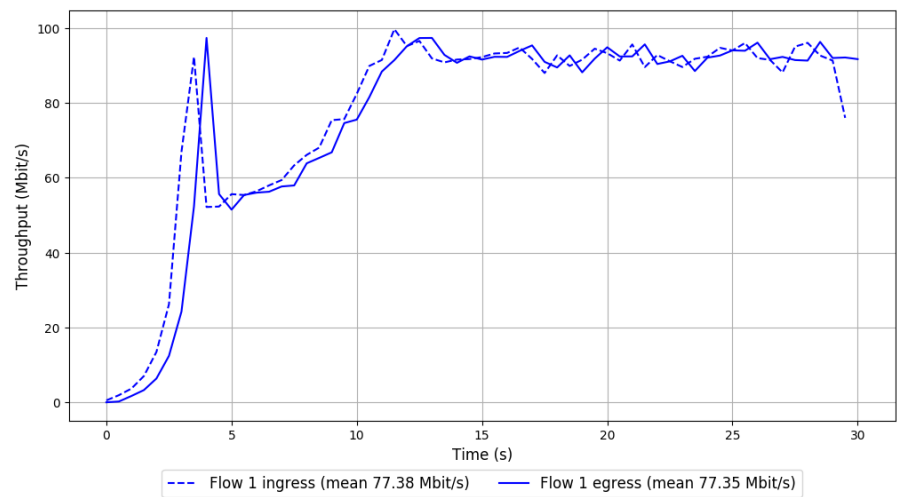
-- Flow 1:

Average throughput: 77.35 Mbit/s

95th percentile per-packet one-way delay: 98.604 ms

Loss rate: 0.04%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-01-24 14:39:43

End at: 2019-01-24 14:40:13

Local clock offset: -2.898 ms

Remote clock offset: 3.727 ms

Below is generated by plot.py at 2019-01-24 16:34:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 80.635 ms

Loss rate: 0.00%

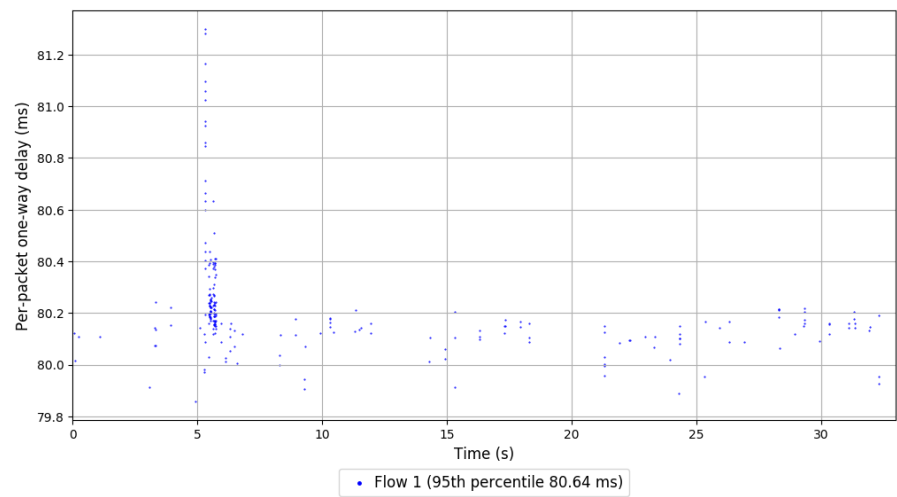
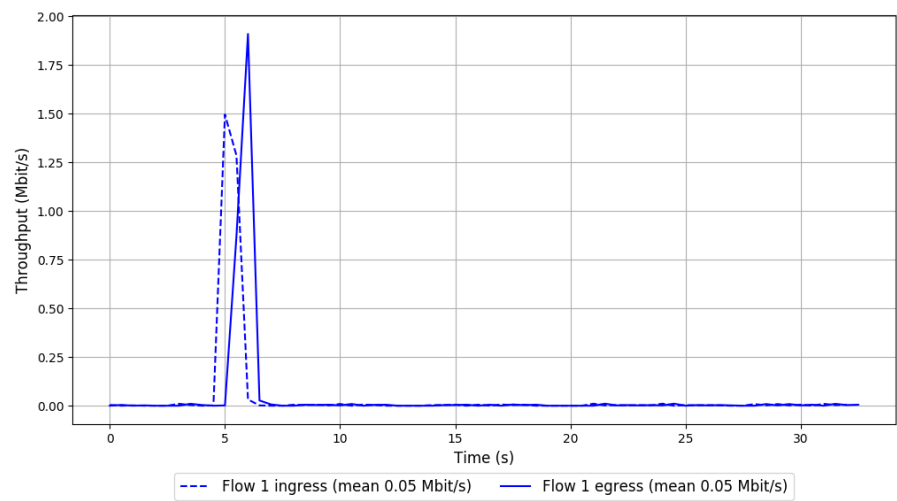
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 80.635 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-01-24 15:04:21

End at: 2019-01-24 15:04:51

Local clock offset: -0.747 ms

Remote clock offset: 4.94 ms

Below is generated by plot.py at 2019-01-24 16:34:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 80.396 ms

Loss rate: 0.00%

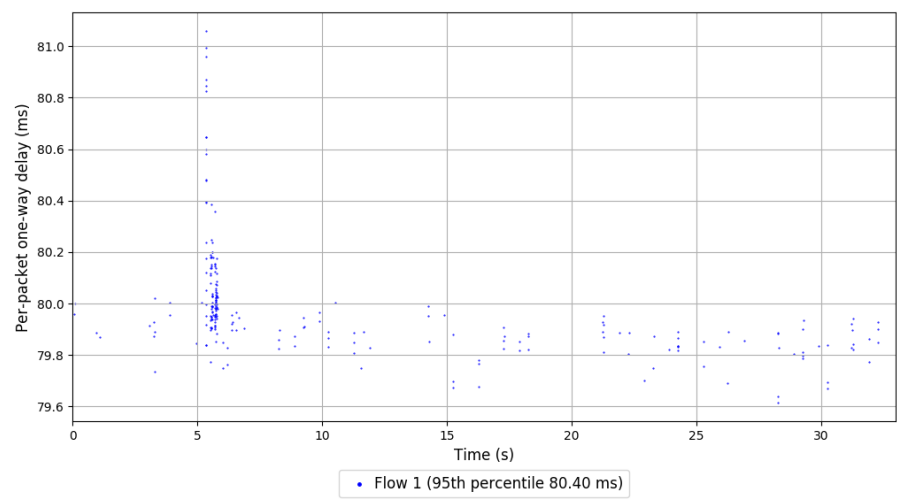
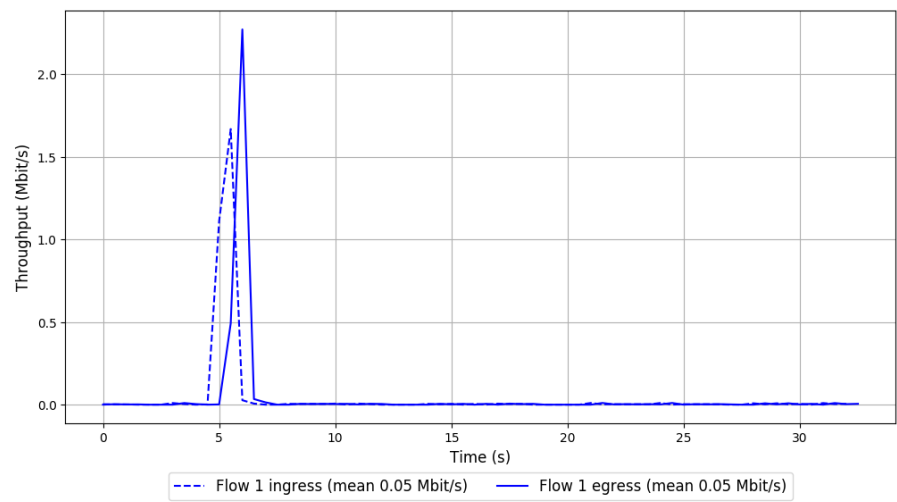
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 80.396 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-01-24 15:28:59

End at: 2019-01-24 15:29:29

Local clock offset: -1.69 ms

Remote clock offset: 3.981 ms

Below is generated by plot.py at 2019-01-24 16:34:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 80.383 ms

Loss rate: 0.00%

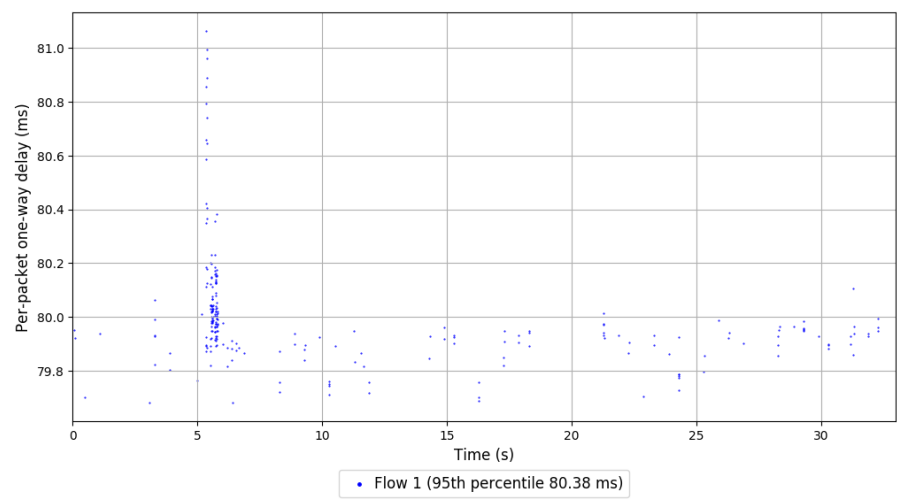
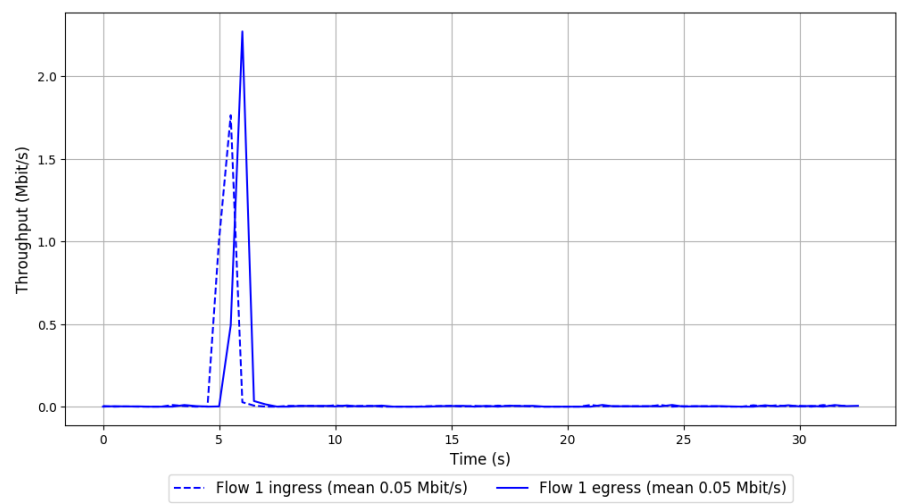
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 80.383 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-01-24 15:53:37

End at: 2019-01-24 15:54:07

Local clock offset: -6.502 ms

Remote clock offset: 9.078 ms

Below is generated by plot.py at 2019-01-24 16:34:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 86.382 ms

Loss rate: 0.00%

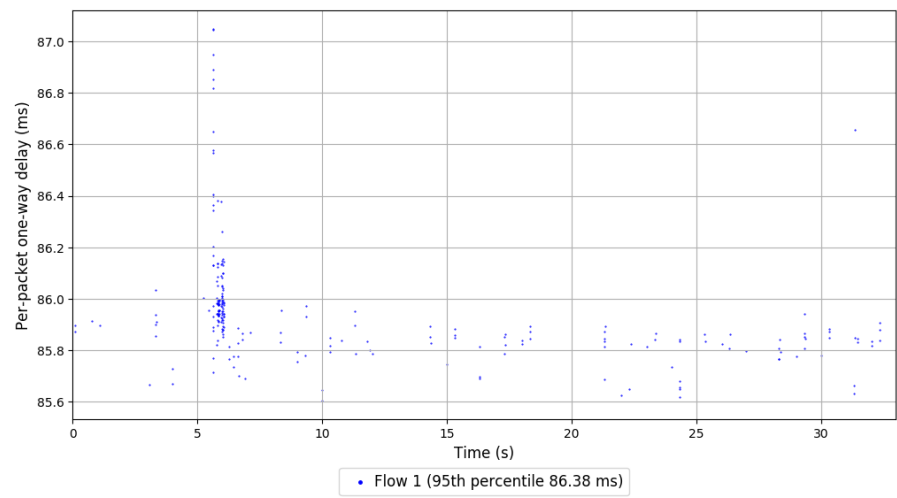
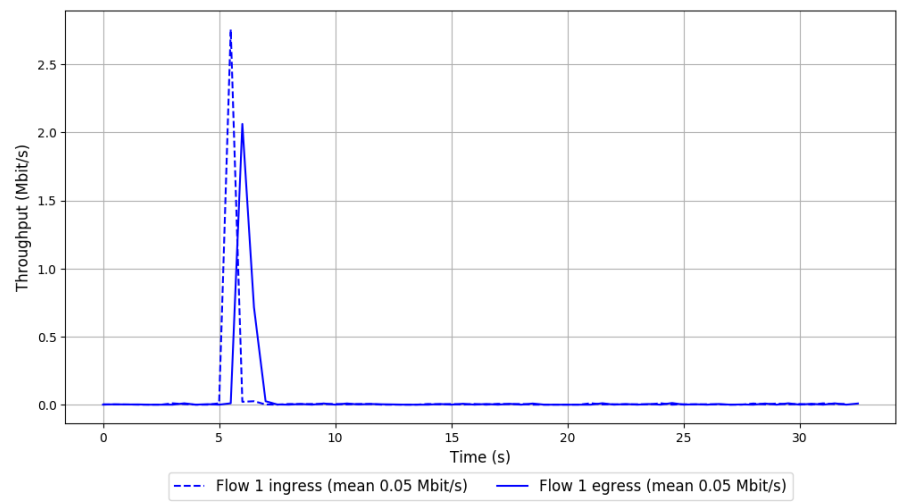
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 86.382 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-01-24 16:18:14

End at: 2019-01-24 16:18:44

Local clock offset: -7.539 ms

Remote clock offset: 4.462 ms

Below is generated by plot.py at 2019-01-24 16:34:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 80.440 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 80.440 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

