

Pantheon Report

Generated at 2019-07-11 20:54:37 (UTC).

Data path: AWS Brazil 1 on `ens5` (*local*) → Brazil on `p4p1` (*remote*).

Repeated the test of 24 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.

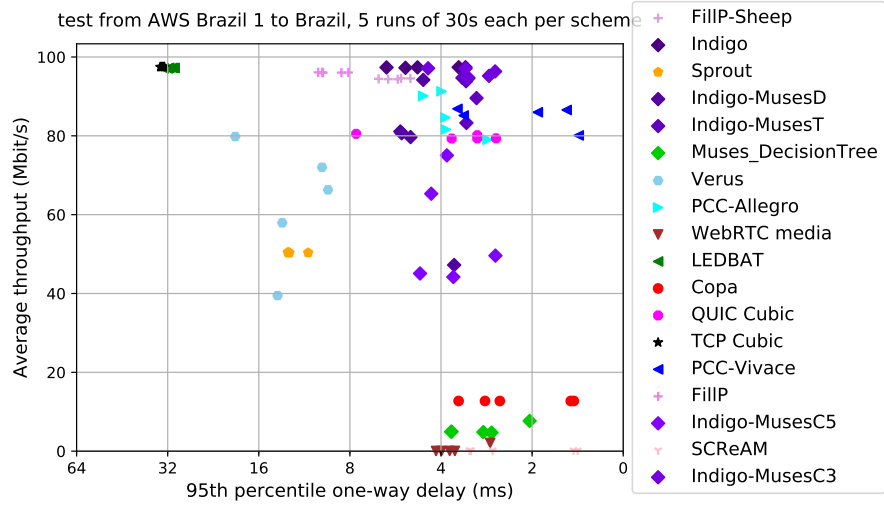
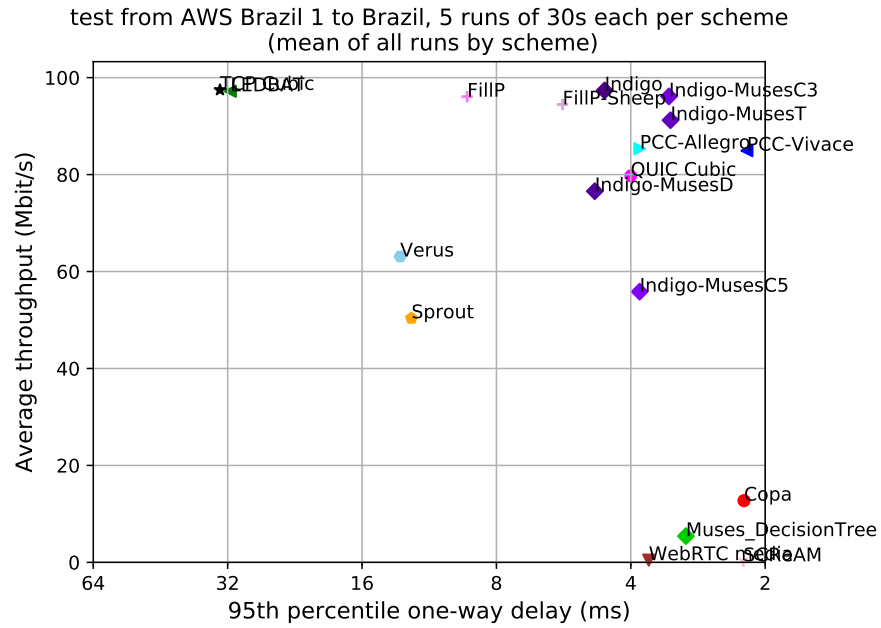
System info:

```
Linux 4.15.0-1041-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 @ 2076e1149a241f3edb4365d686df32342bf9561f
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd9c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/muses_dtrees @ 11c9498ecb1596b02ccd896791a02d03172af7ed
M helpers/__init__.pyc
M helpers/context.pyc
M helpers/utls.pyc
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
```

```
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	0	N/A	N/A	N/A
Copa	5	12.73	2.23	65.64
TCP Cubic	5	97.47	33.30	0.01
FillP	5	96.07	9.30	0.27
FillP-Sheep	5	94.47	5.69	0.08
Indigo	5	97.36	4.58	0.00
Indigo-MusesC3	5	96.13	3.29	0.00
Indigo-MusesC5	5	55.84	3.82	0.00
Indigo-MusesD	5	76.57	4.82	0.00
Indigo-MusesT	5	91.22	3.26	0.00
LEDBAT	5	97.18	31.56	0.01
Muses_DecisionTree	5	5.42	3.01	0.00
Muses_DecisionTreeH0	0	N/A	N/A	N/A
Muses_DecisionTreeR0	0	N/A	N/A	N/A
PCC-Allegro	5	85.34	3.82	0.00
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	79.74	4.00	0.27
SCReAM	5	0.22	2.24	0.00
Sprout	5	50.36	12.40	0.00
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	0	N/A	N/A	N/A
Verus	5	63.10	13.15	1.12
PCC-Vivace	5	84.93	2.20	0.00
WebRTC media	5	0.46	3.65	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-07-11 18:57:06

End at: 2019-07-11 18:57:36

Local clock offset: -8.713 ms

Remote clock offset: 0.018 ms

Run 1: Report of TCP BBR — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of TCP BBR

Start at: 2019-07-11 19:23:41

End at: 2019-07-11 19:24:11

Local clock offset: -10.59 ms

Remote clock offset: 0.149 ms

Run 2: Report of TCP BBR — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of TCP BBR

Start at: 2019-07-11 19:50:14

End at: 2019-07-11 19:50:44

Local clock offset: -8.769 ms

Remote clock offset: 0.196 ms

Run 3: Report of TCP BBR — Data Link

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Figure is missing

Run 4: Statistics of TCP BBR

Start at: 2019-07-11 20:16:46

End at: 2019-07-11 20:17:16

Local clock offset: -8.326 ms

Remote clock offset: 0.298 ms

Run 4: Report of TCP BBR — Data Link

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Figure is missing

Run 5: Statistics of TCP BBR

Start at: 2019-07-11 20:43:21

End at: 2019-07-11 20:43:51

Local clock offset: -6.029 ms

Remote clock offset: 0.169 ms

Run 5: Report of TCP BBR — Data Link

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Figure is missing

Run 1: Statistics of Copa

Start at: 2019-07-11 18:54:53

End at: 2019-07-11 18:55:24

Local clock offset: -7.632 ms

Remote clock offset: 0.08 ms

Below is generated by plot.py at 2019-07-11 20:45:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 2.557 ms

Loss rate: 64.24%

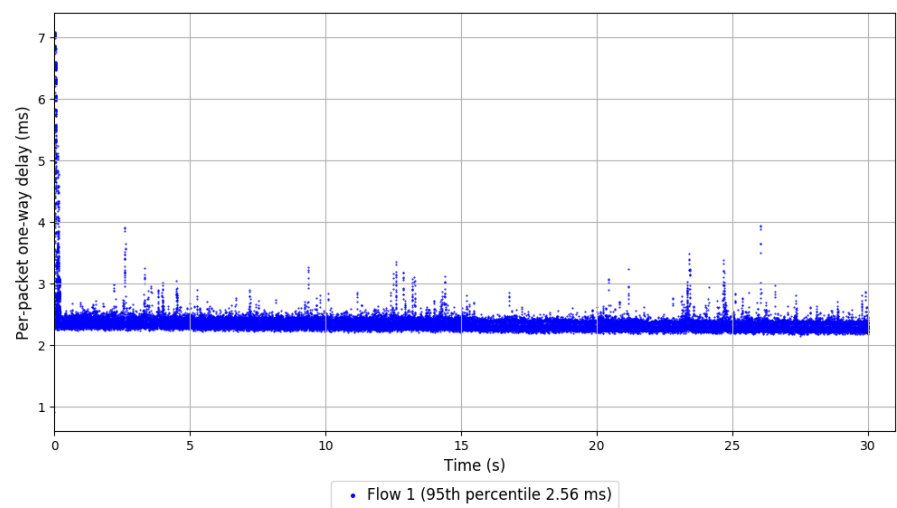
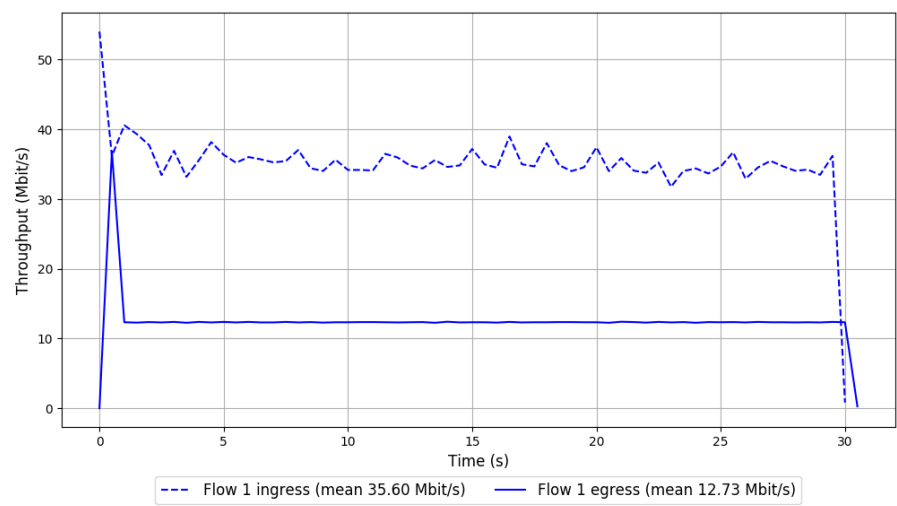
-- Flow 1:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 2.557 ms

Loss rate: 64.24%

Run 1: Report of Copa — Data Link

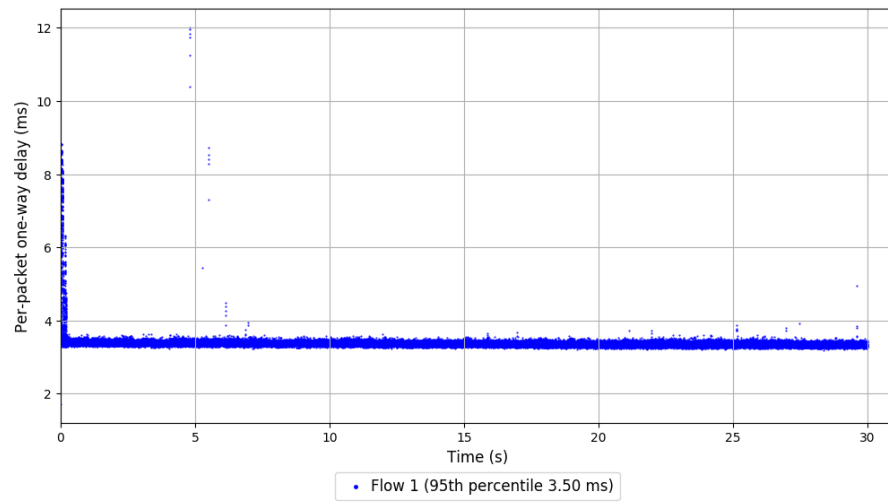
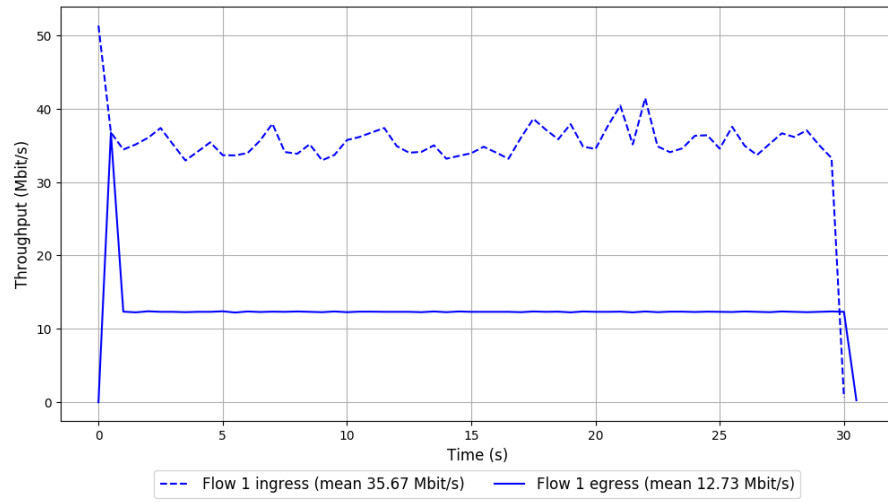


Run 2: Statistics of Copa

Start at: 2019-07-11 19:21:28
End at: 2019-07-11 19:21:58
Local clock offset: -10.553 ms
Remote clock offset: 0.21 ms

Below is generated by plot.py at 2019-07-11 20:45:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 3.499 ms
Loss rate: 64.31%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 3.499 ms
Loss rate: 64.31%

Run 2: Report of Copa — Data Link

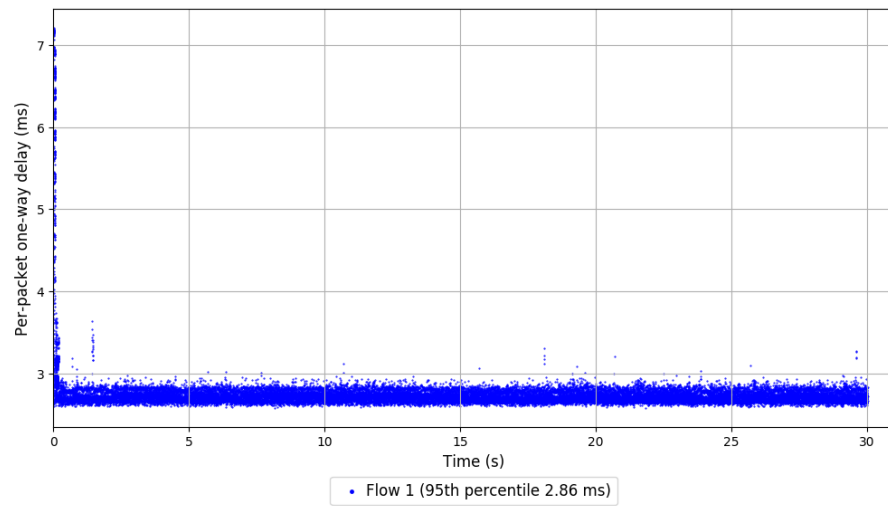
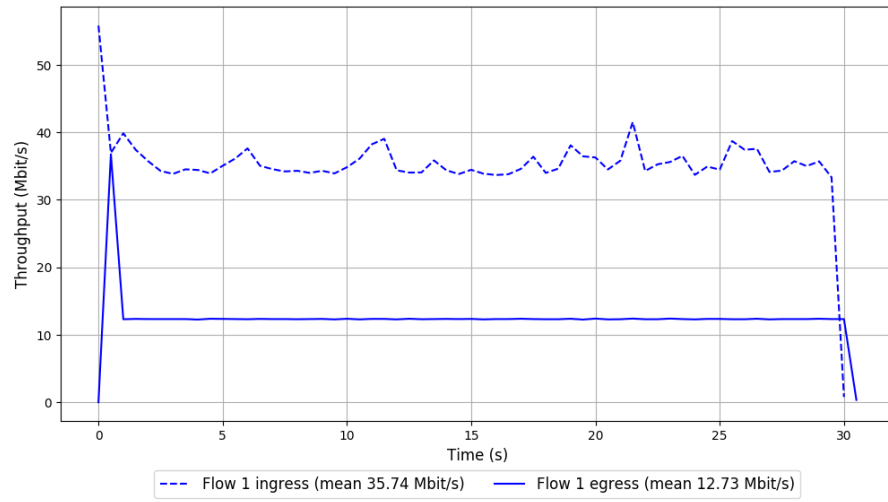


Run 3: Statistics of Copa

Start at: 2019-07-11 19:48:01
End at: 2019-07-11 19:48:31
Local clock offset: -8.156 ms
Remote clock offset: 0.236 ms

Below is generated by plot.py at 2019-07-11 20:45:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 2.862 ms
Loss rate: 64.38%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 2.862 ms
Loss rate: 64.38%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2019-07-11 20:14:33

End at: 2019-07-11 20:15:03

Local clock offset: -7.714 ms

Remote clock offset: 0.23 ms

Below is generated by plot.py at 2019-07-11 20:45:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 1.152 ms

Loss rate: 67.10%

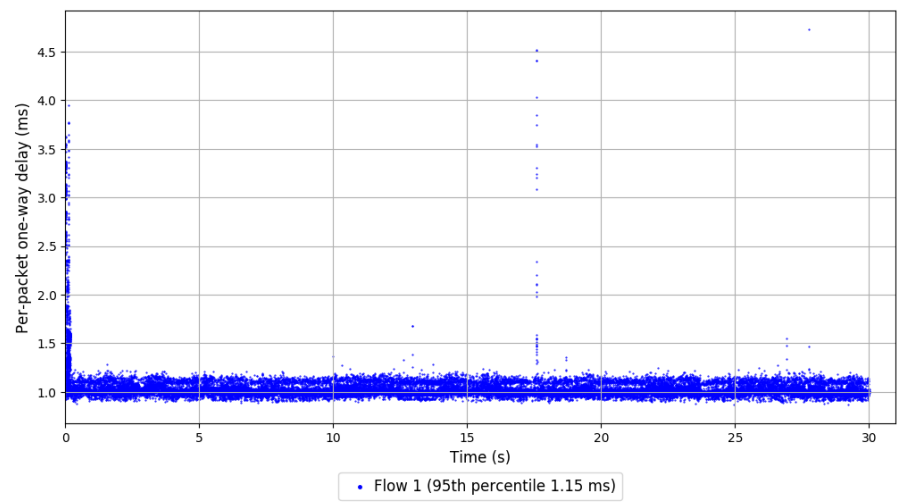
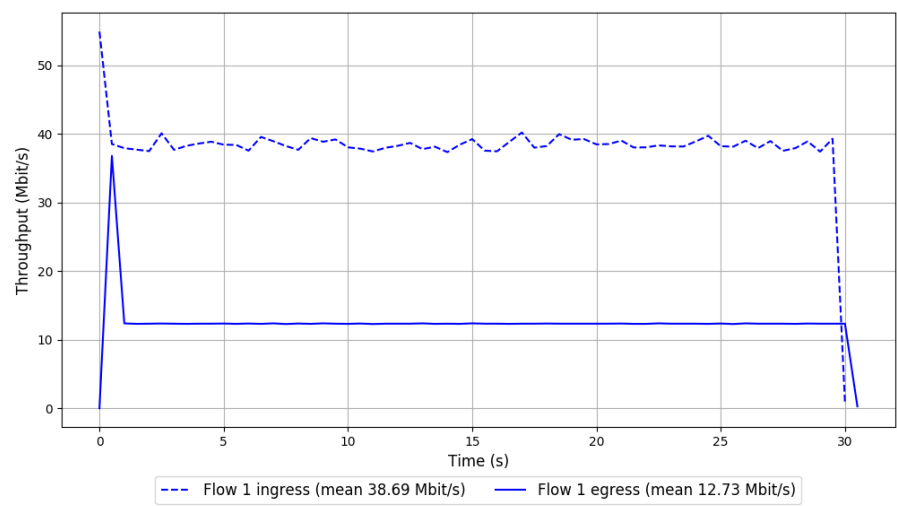
-- Flow 1:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 1.152 ms

Loss rate: 67.10%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2019-07-11 20:41:08

End at: 2019-07-11 20:41:38

Local clock offset: -6.151 ms

Remote clock offset: 0.29 ms

Below is generated by plot.py at 2019-07-11 20:45:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 1.084 ms

Loss rate: 68.17%

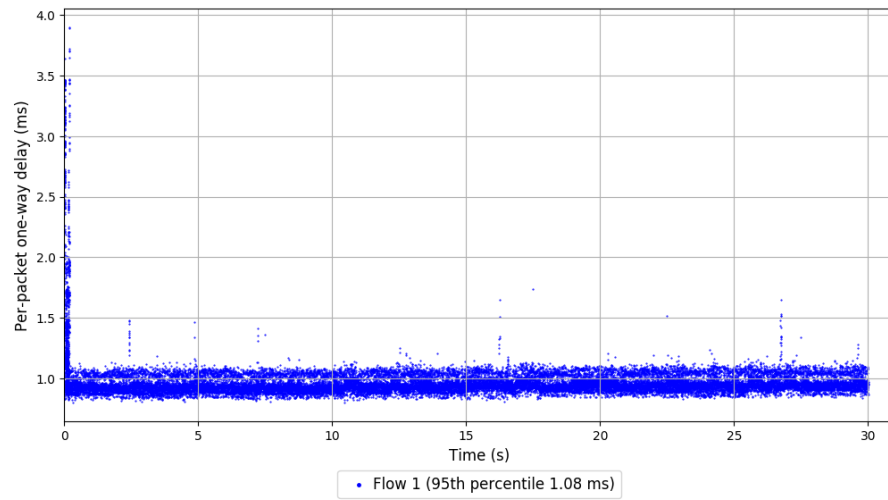
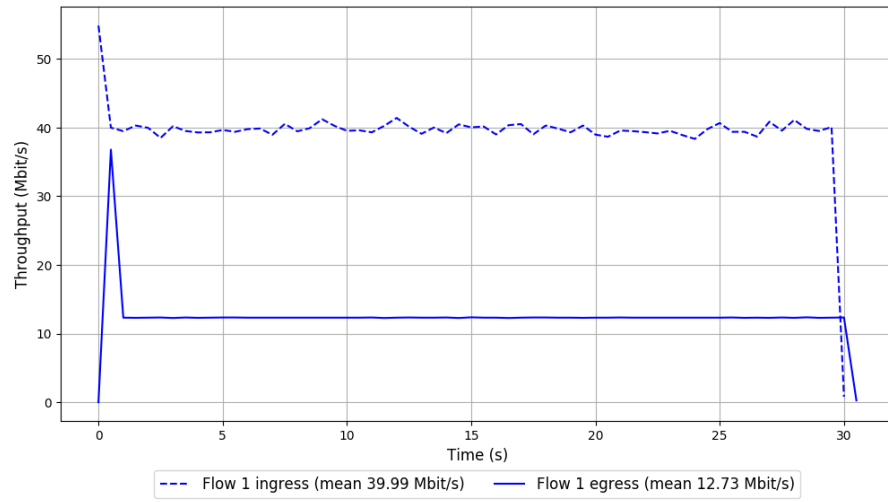
-- Flow 1:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 1.084 ms

Loss rate: 68.17%

Run 5: Report of Copa — Data Link

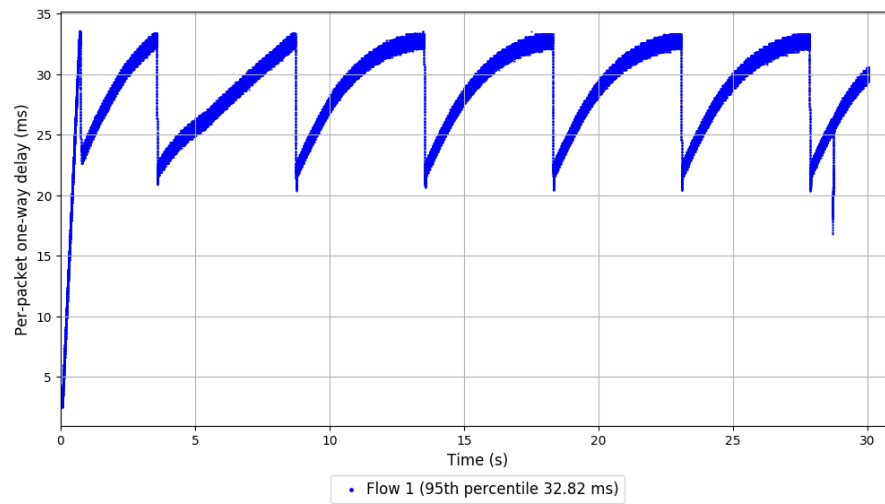
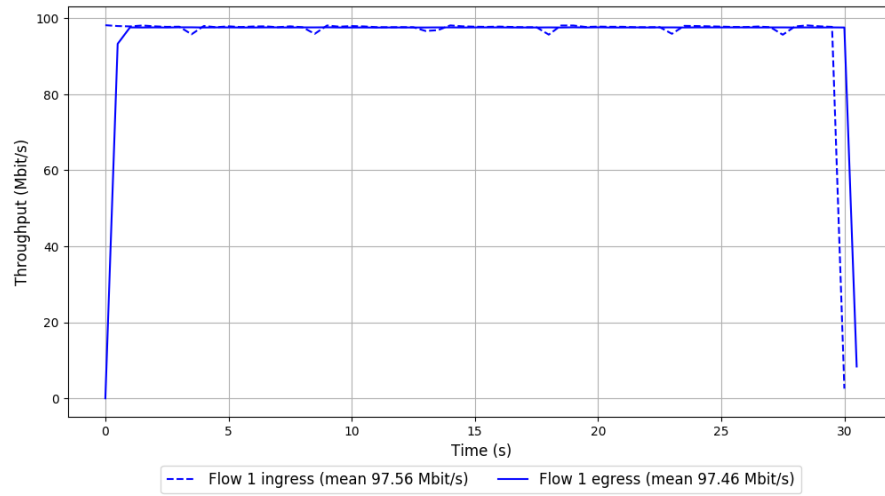


Run 1: Statistics of TCP Cubic

Start at: 2019-07-11 18:53:45
End at: 2019-07-11 18:54:15
Local clock offset: -7.774 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2019-07-11 20:46:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 32.820 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 32.820 ms
Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-07-11 19:20:20

End at: 2019-07-11 19:20:50

Local clock offset: -9.649 ms

Remote clock offset: 0.228 ms

Below is generated by plot.py at 2019-07-11 20:46:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.944 ms

Loss rate: 0.01%

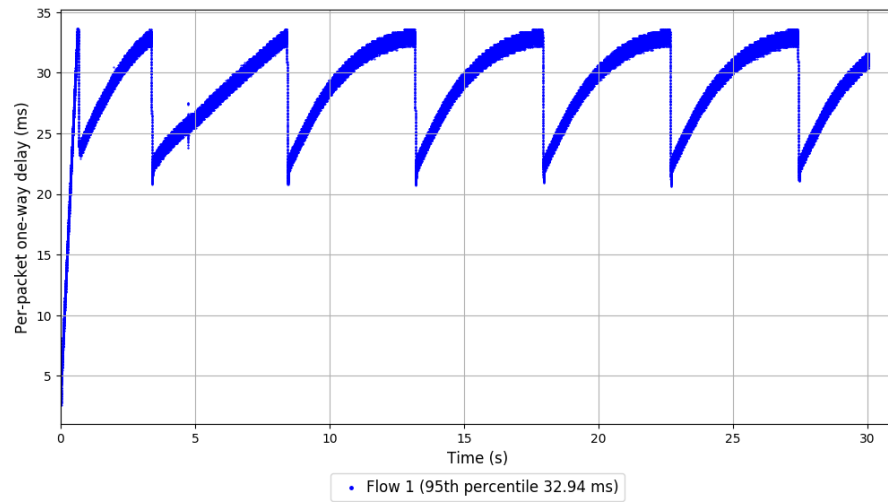
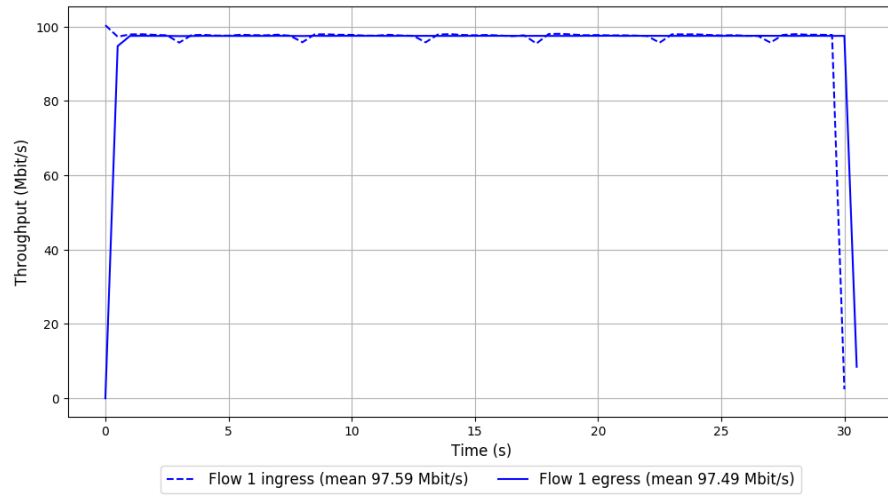
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.944 ms

Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-07-11 19:46:52

End at: 2019-07-11 19:47:22

Local clock offset: -8.861 ms

Remote clock offset: 0.254 ms

Below is generated by plot.py at 2019-07-11 20:46:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 33.863 ms

Loss rate: 0.01%

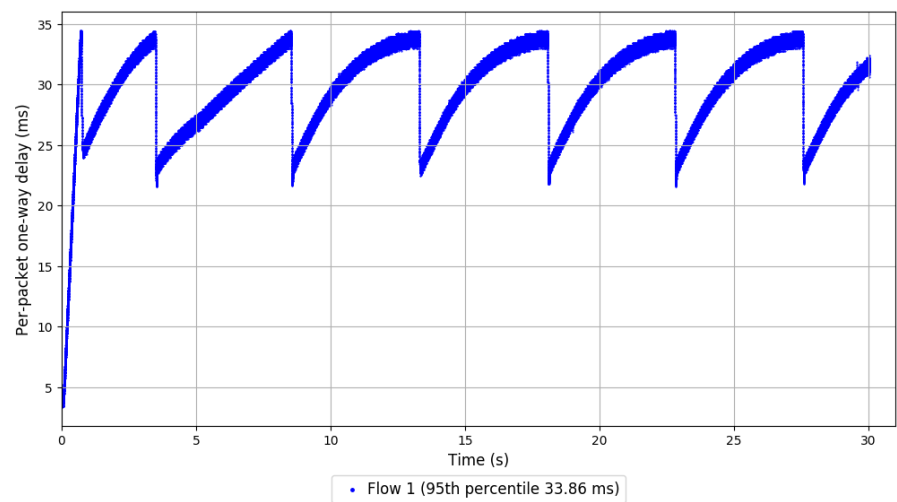
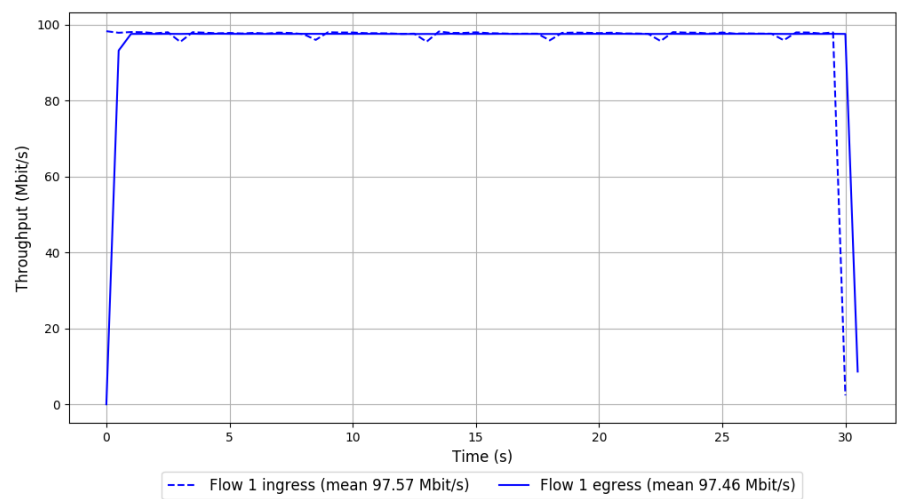
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 33.863 ms

Loss rate: 0.01%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-07-11 20:13:25

End at: 2019-07-11 20:13:55

Local clock offset: -8.275 ms

Remote clock offset: 0.127 ms

Below is generated by plot.py at 2019-07-11 20:46:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 33.290 ms

Loss rate: 0.01%

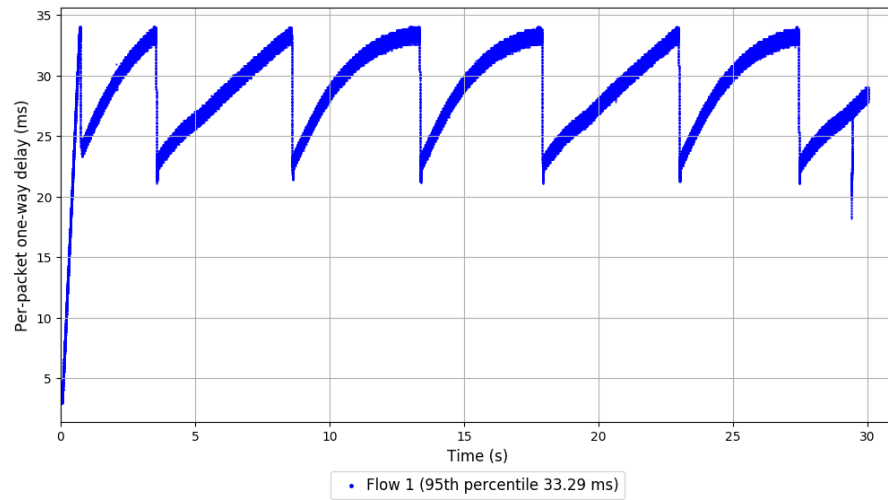
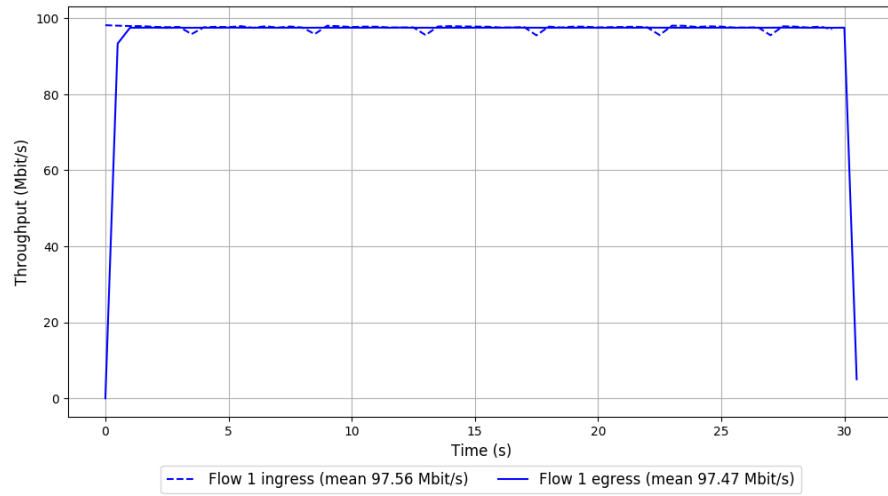
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 33.290 ms

Loss rate: 0.01%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-07-11 20:40:00

End at: 2019-07-11 20:40:30

Local clock offset: -7.012 ms

Remote clock offset: 0.268 ms

Below is generated by plot.py at 2019-07-11 20:46:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 33.573 ms

Loss rate: 0.01%

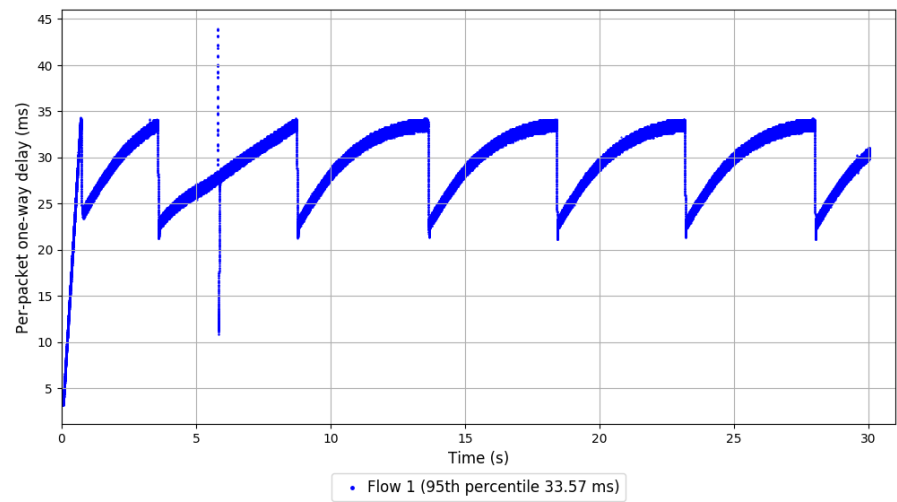
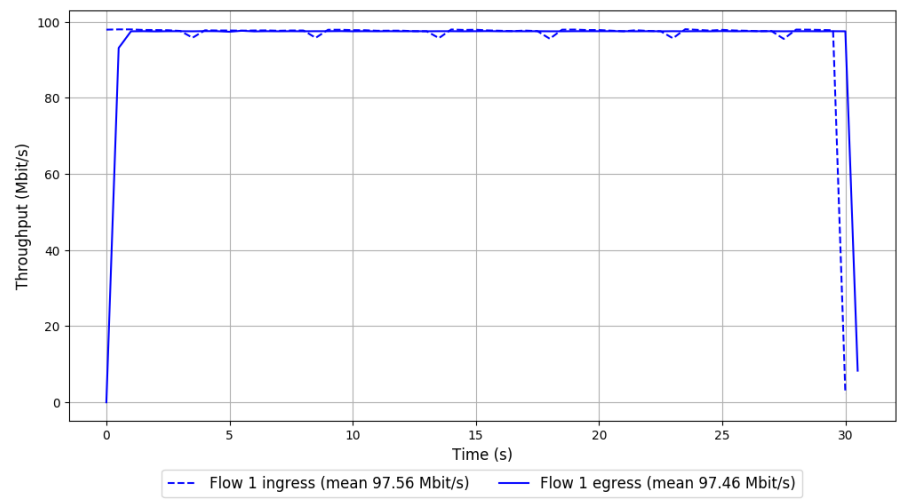
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 33.573 ms

Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2019-07-11 18:36:00

End at: 2019-07-11 18:36:30

Local clock offset: -6.971 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2019-07-11 20:46:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 8.096 ms

Loss rate: 0.32%

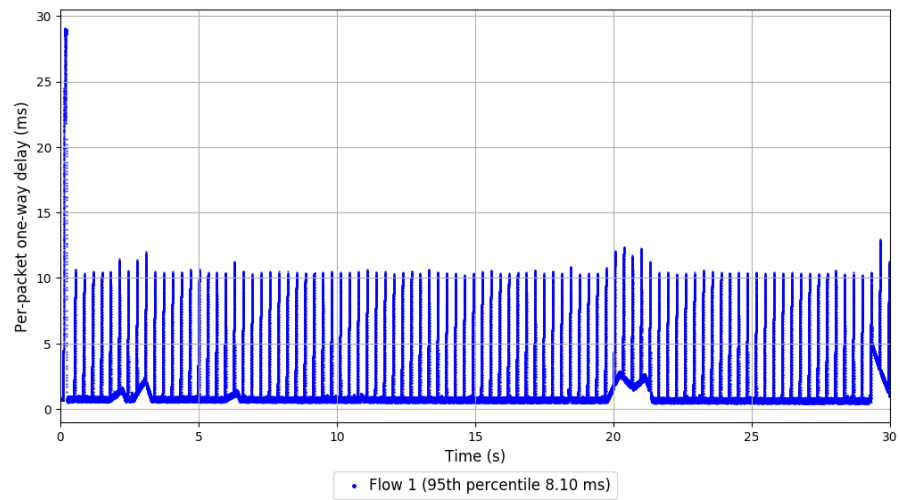
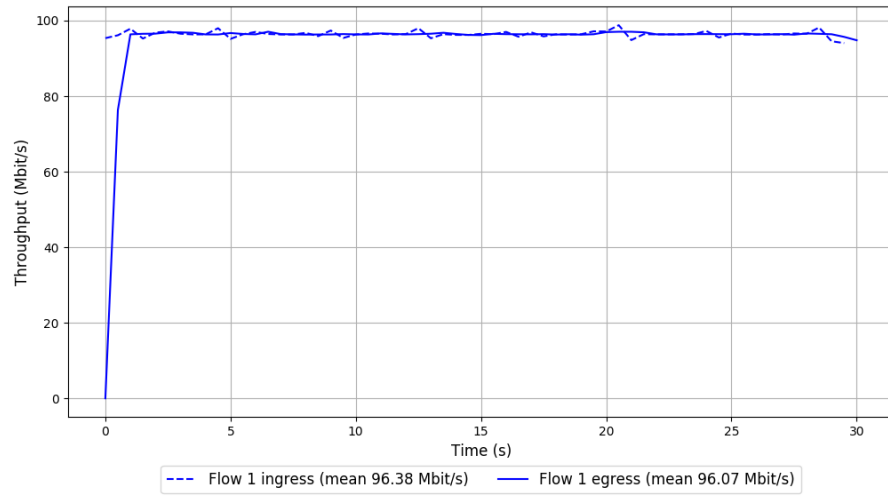
-- Flow 1:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 8.096 ms

Loss rate: 0.32%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-07-11 19:02:33

End at: 2019-07-11 19:03:03

Local clock offset: -8.086 ms

Remote clock offset: 0.056 ms

Below is generated by plot.py at 2019-07-11 20:46:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 8.532 ms

Loss rate: 0.28%

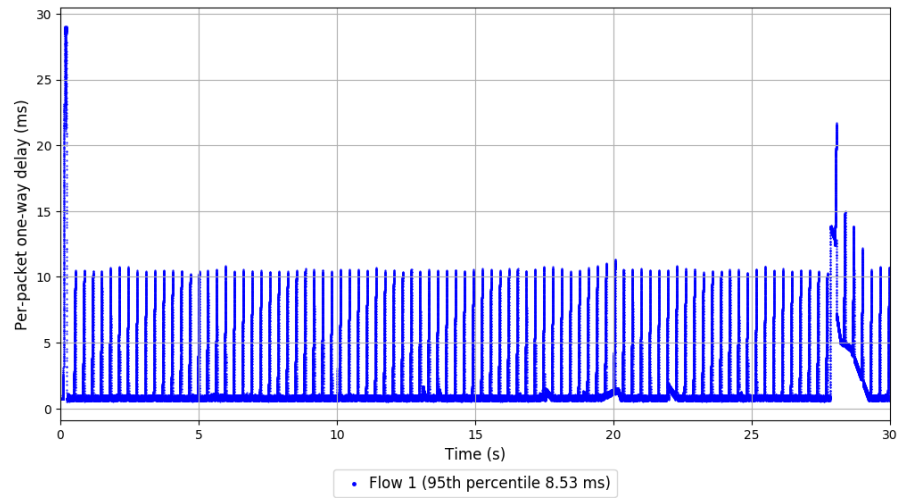
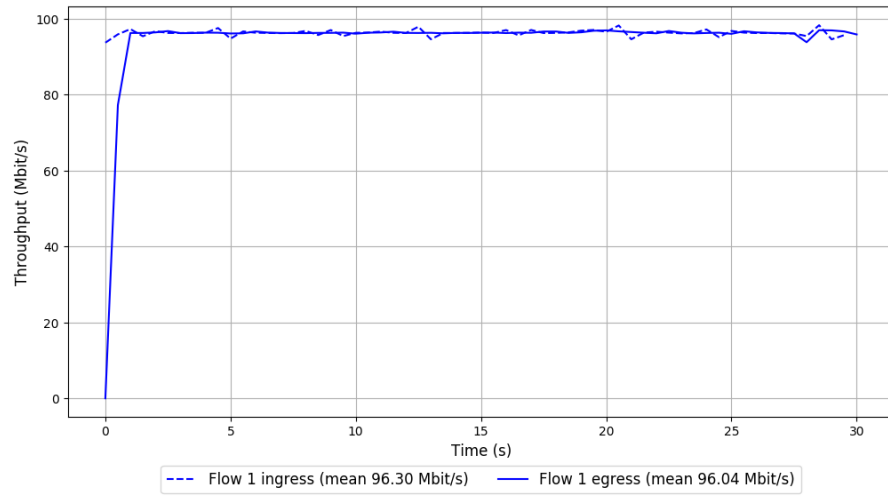
-- Flow 1:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 8.532 ms

Loss rate: 0.28%

Run 2: Report of FillP — Data Link

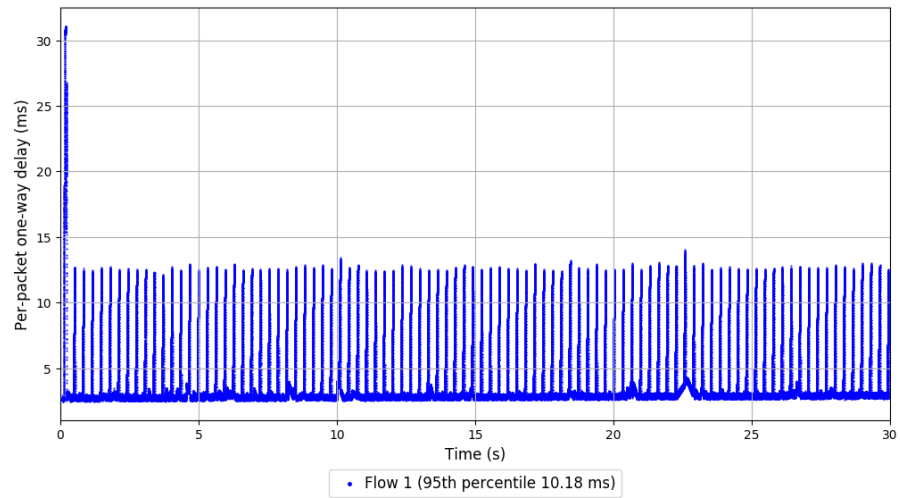
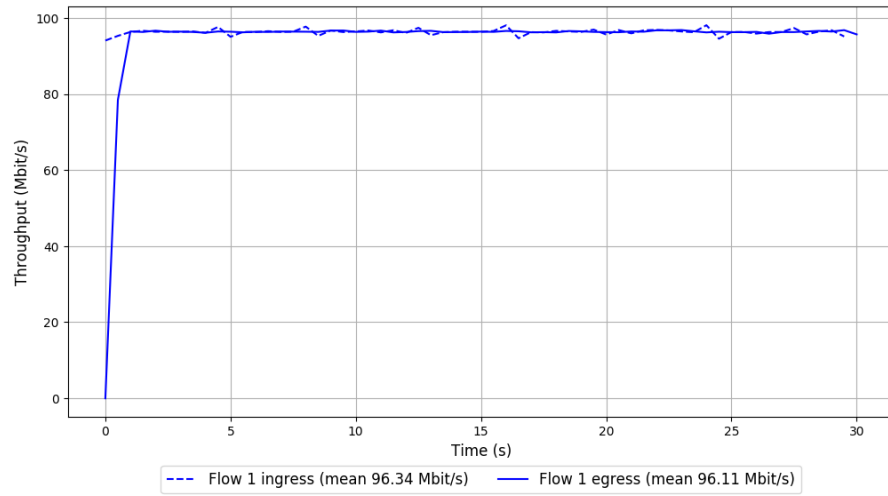


Run 3: Statistics of FillP

Start at: 2019-07-11 19:29:08
End at: 2019-07-11 19:29:38
Local clock offset: -10.566 ms
Remote clock offset: 0.231 ms

Below is generated by plot.py at 2019-07-11 20:46:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 10.182 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 10.182 ms
Loss rate: 0.24%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-07-11 19:55:41

End at: 2019-07-11 19:56:11

Local clock offset: -9.117 ms

Remote clock offset: 0.126 ms

Below is generated by plot.py at 2019-07-11 20:47:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 9.815 ms

Loss rate: 0.28%

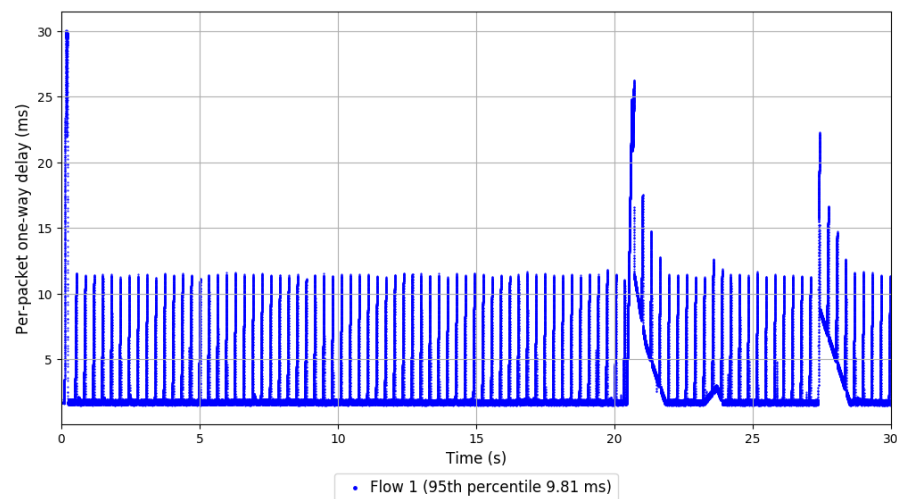
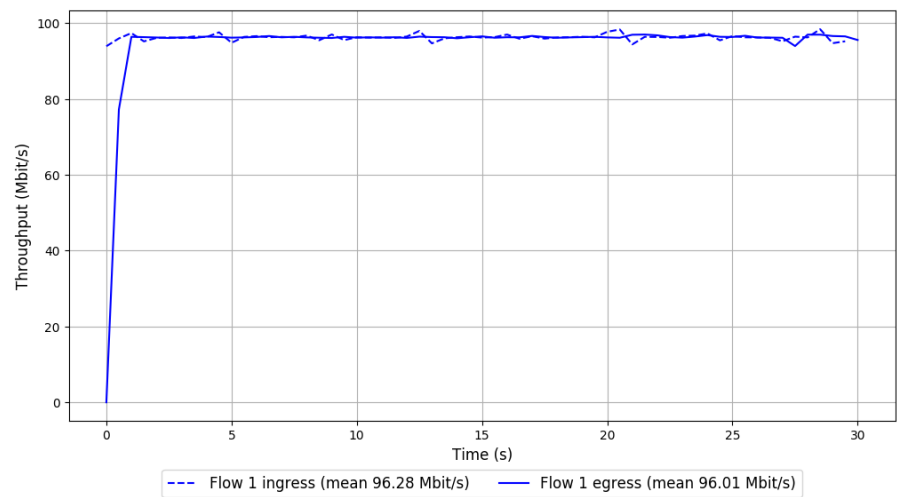
-- Flow 1:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 9.815 ms

Loss rate: 0.28%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-07-11 20:22:13

End at: 2019-07-11 20:22:43

Local clock offset: -7.698 ms

Remote clock offset: 0.302 ms

Below is generated by plot.py at 2019-07-11 20:47:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 9.891 ms

Loss rate: 0.24%

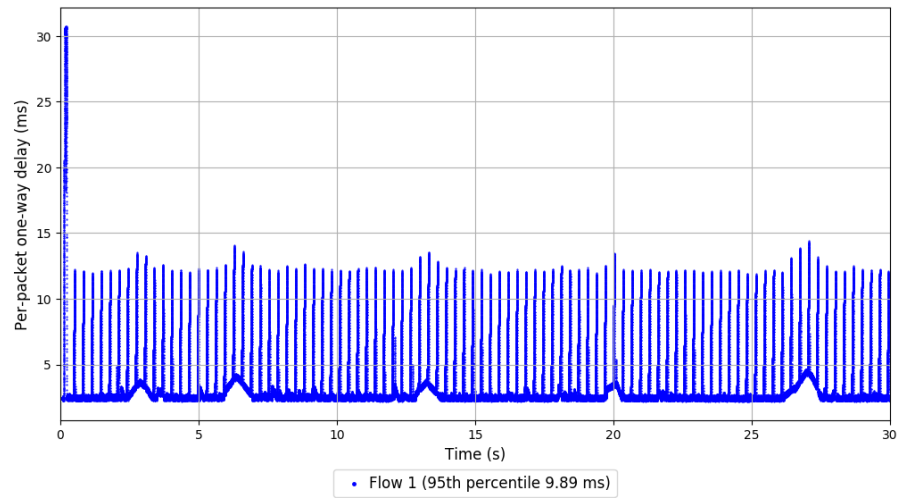
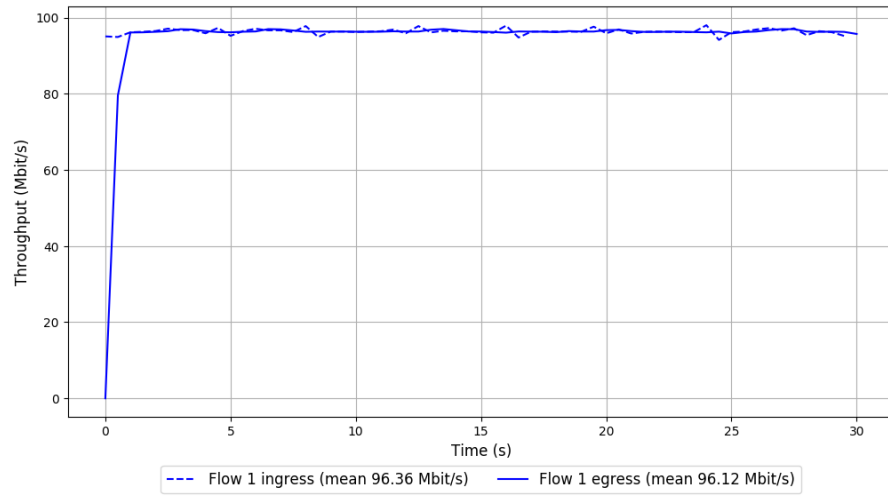
-- Flow 1:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 9.891 ms

Loss rate: 0.24%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-07-11 18:44:57

End at: 2019-07-11 18:45:28

Local clock offset: -7.277 ms

Remote clock offset: 0.049 ms

Below is generated by plot.py at 2019-07-11 20:47:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.59 Mbit/s

95th percentile per-packet one-way delay: 5.421 ms

Loss rate: 0.08%

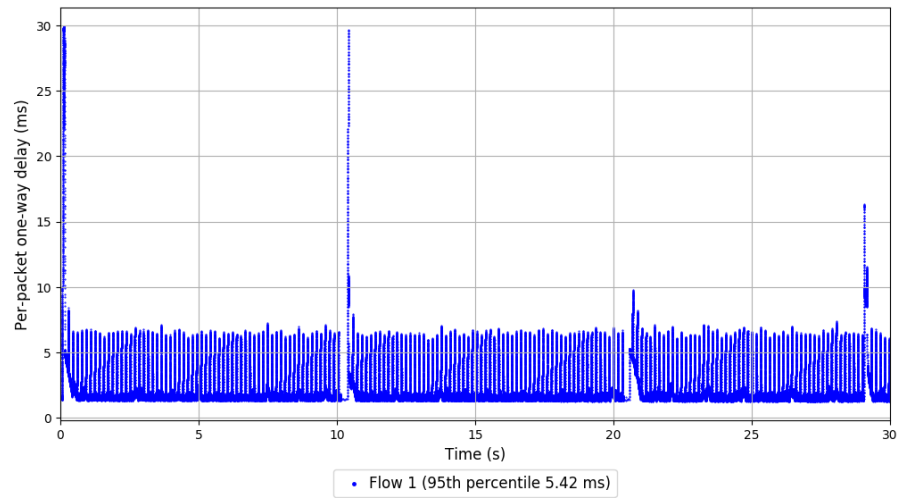
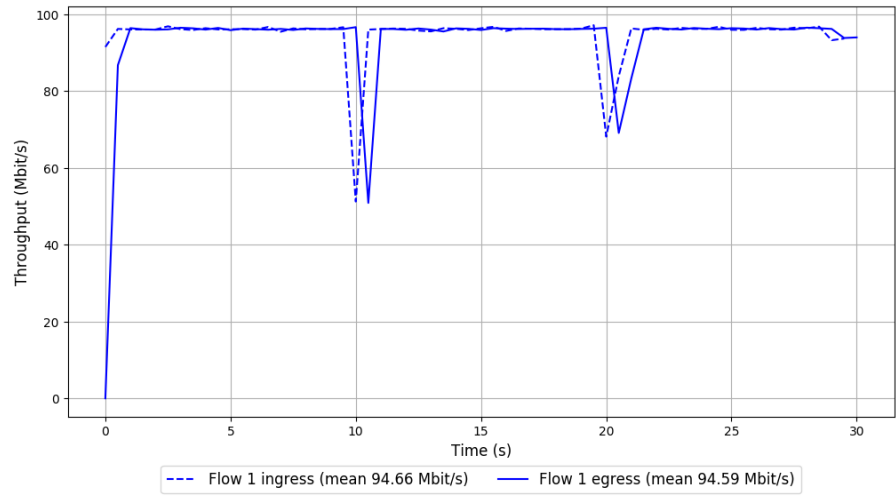
-- Flow 1:

Average throughput: 94.59 Mbit/s

95th percentile per-packet one-way delay: 5.421 ms

Loss rate: 0.08%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-07-11 19:11:32

End at: 2019-07-11 19:12:02

Local clock offset: -8.786 ms

Remote clock offset: 0.065 ms

Below is generated by plot.py at 2019-07-11 20:47:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.46 Mbit/s

95th percentile per-packet one-way delay: 6.430 ms

Loss rate: 0.09%

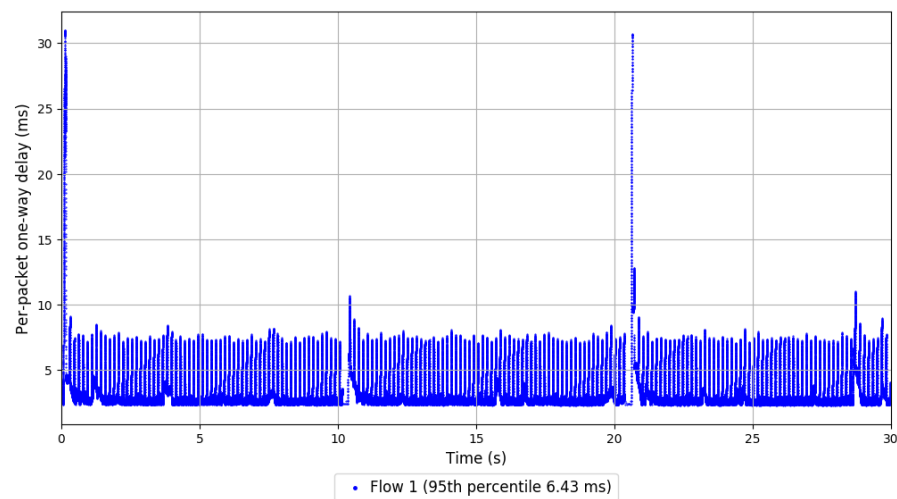
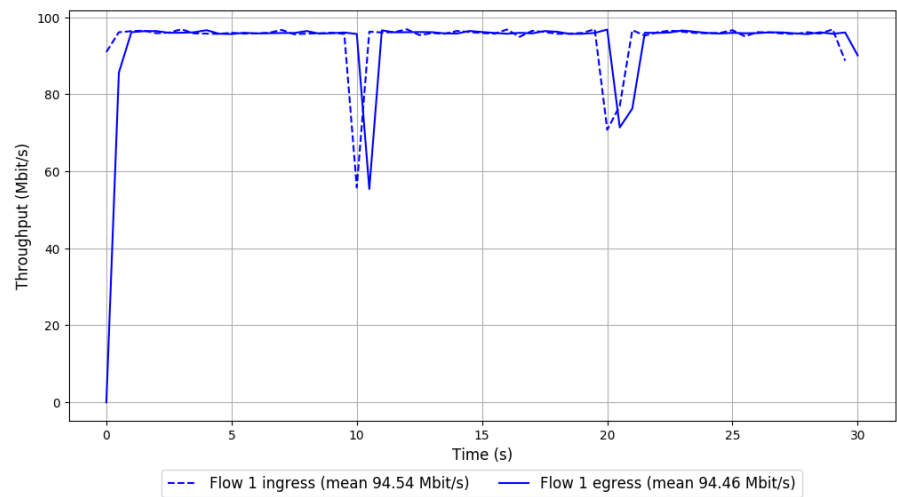
-- Flow 1:

Average throughput: 94.46 Mbit/s

95th percentile per-packet one-way delay: 6.430 ms

Loss rate: 0.09%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2019-07-11 19:38:05

End at: 2019-07-11 19:38:35

Local clock offset: -8.431 ms

Remote clock offset: 0.203 ms

Below is generated by plot.py at 2019-07-11 20:47:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.57 Mbit/s

95th percentile per-packet one-way delay: 5.050 ms

Loss rate: 0.07%

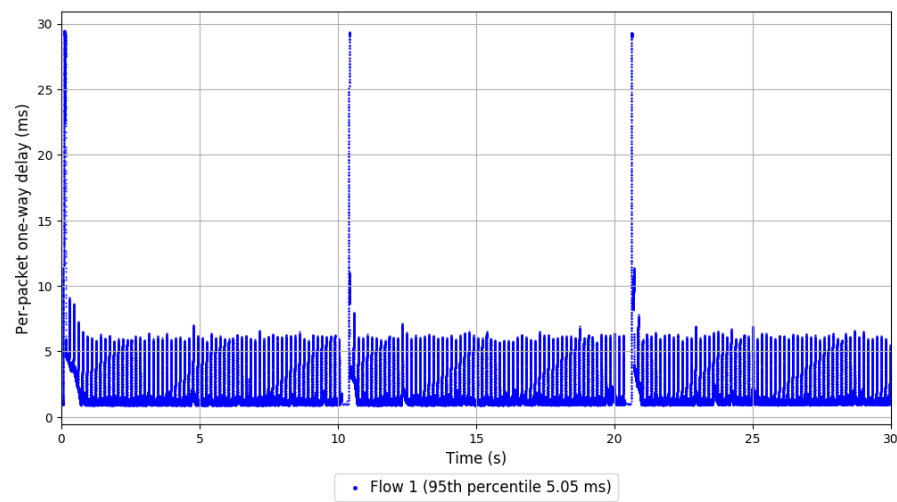
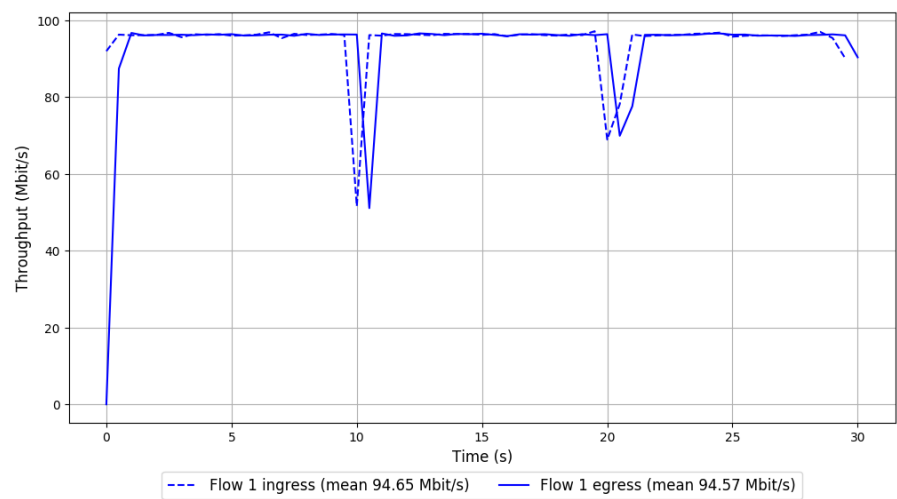
-- Flow 1:

Average throughput: 94.57 Mbit/s

95th percentile per-packet one-way delay: 5.050 ms

Loss rate: 0.07%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-07-11 20:04:39

End at: 2019-07-11 20:05:09

Local clock offset: -8.808 ms

Remote clock offset: 0.119 ms

Below is generated by plot.py at 2019-07-11 20:48:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.38 Mbit/s

95th percentile per-packet one-way delay: 5.979 ms

Loss rate: 0.07%

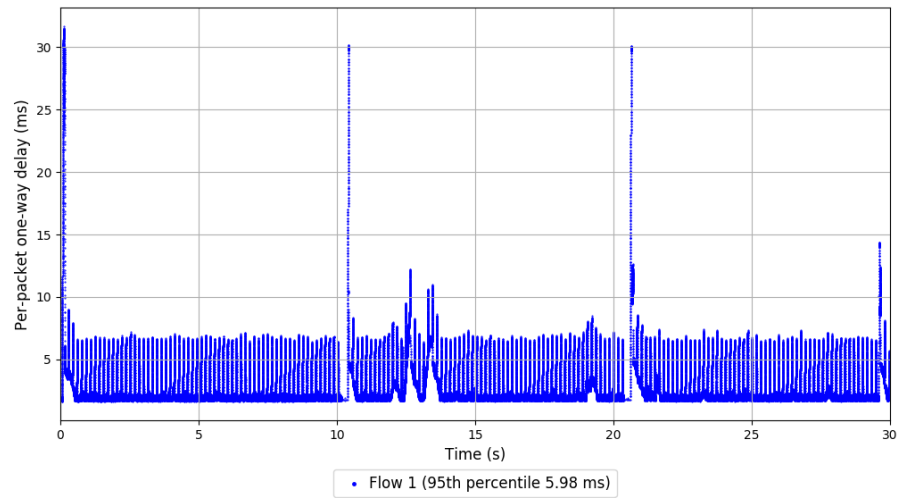
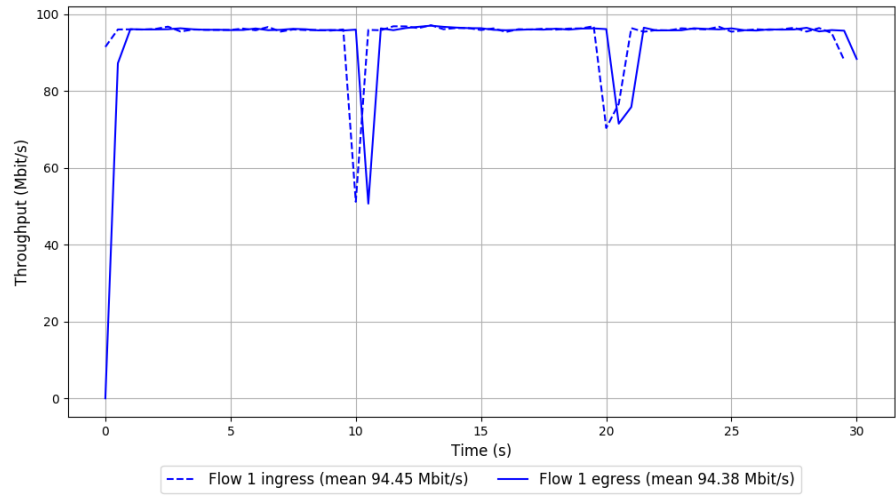
-- Flow 1:

Average throughput: 94.38 Mbit/s

95th percentile per-packet one-way delay: 5.979 ms

Loss rate: 0.07%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-07-11 20:31:12

End at: 2019-07-11 20:31:42

Local clock offset: -8.166 ms

Remote clock offset: 0.24 ms

Below is generated by plot.py at 2019-07-11 20:48:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.35 Mbit/s

95th percentile per-packet one-way delay: 5.558 ms

Loss rate: 0.07%

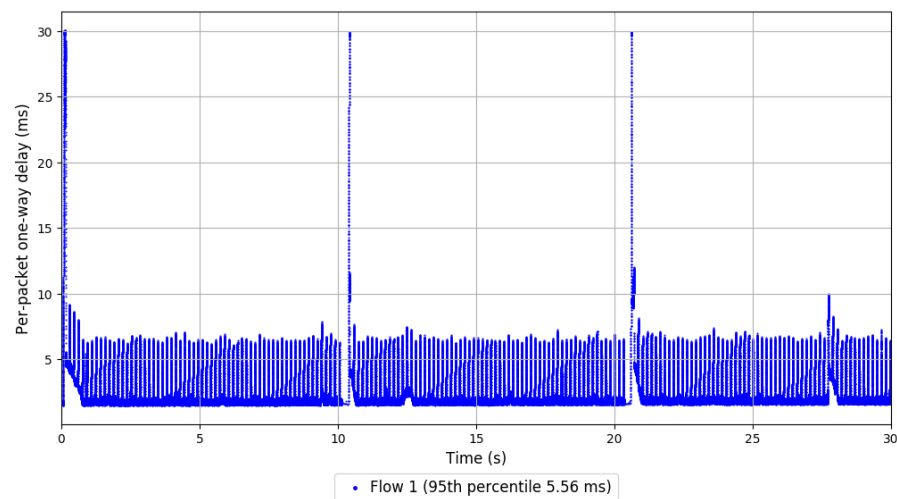
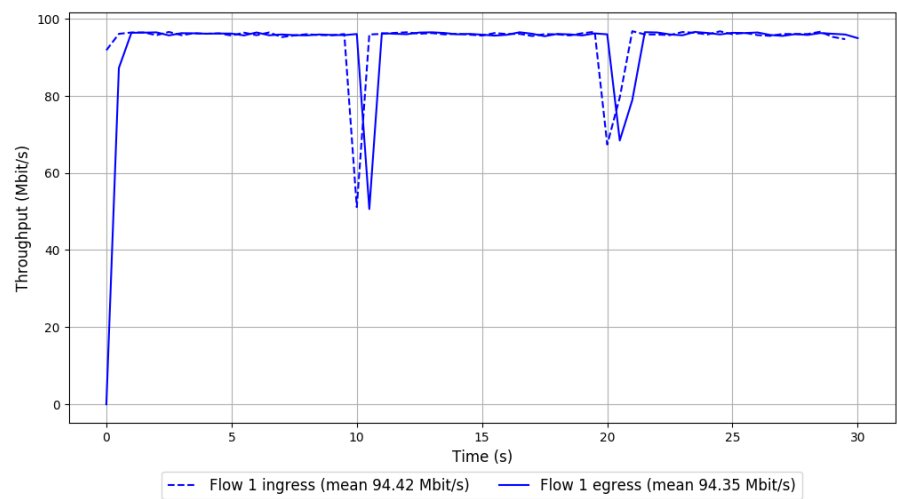
-- Flow 1:

Average throughput: 94.35 Mbit/s

95th percentile per-packet one-way delay: 5.558 ms

Loss rate: 0.07%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-07-11 18:46:05

End at: 2019-07-11 18:46:35

Local clock offset: -7.681 ms

Remote clock offset: 0.049 ms

Below is generated by plot.py at 2019-07-11 20:48:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 6.054 ms

Loss rate: 0.00%

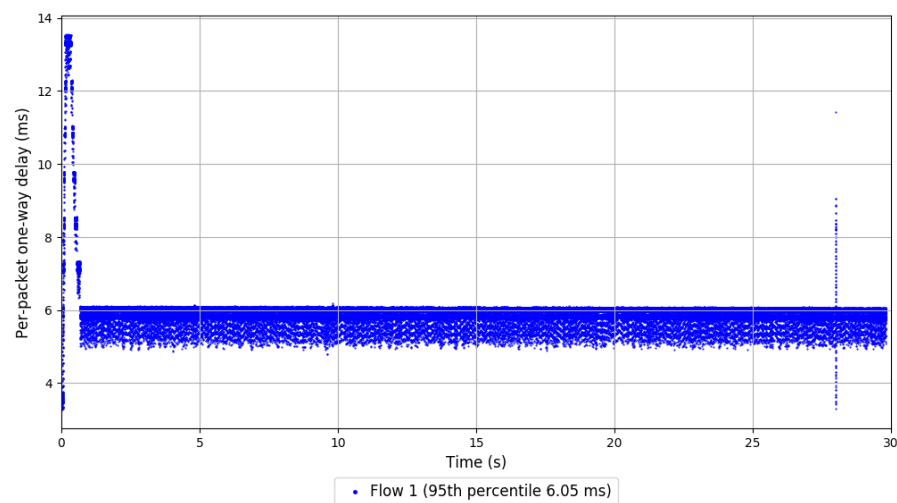
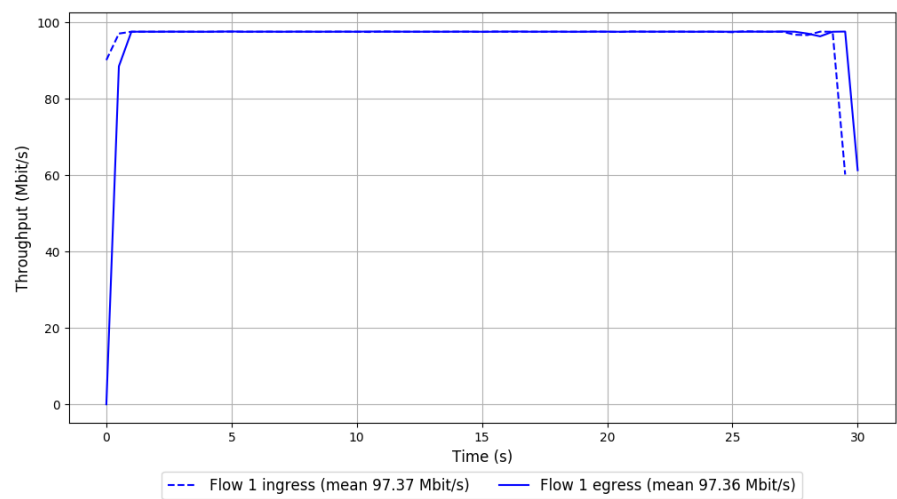
-- Flow 1:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 6.054 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-07-11 19:12:39

End at: 2019-07-11 19:13:09

Local clock offset: -8.593 ms

Remote clock offset: 0.111 ms

Below is generated by plot.py at 2019-07-11 20:48:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.40 Mbit/s

95th percentile per-packet one-way delay: 3.320 ms

Loss rate: 0.00%

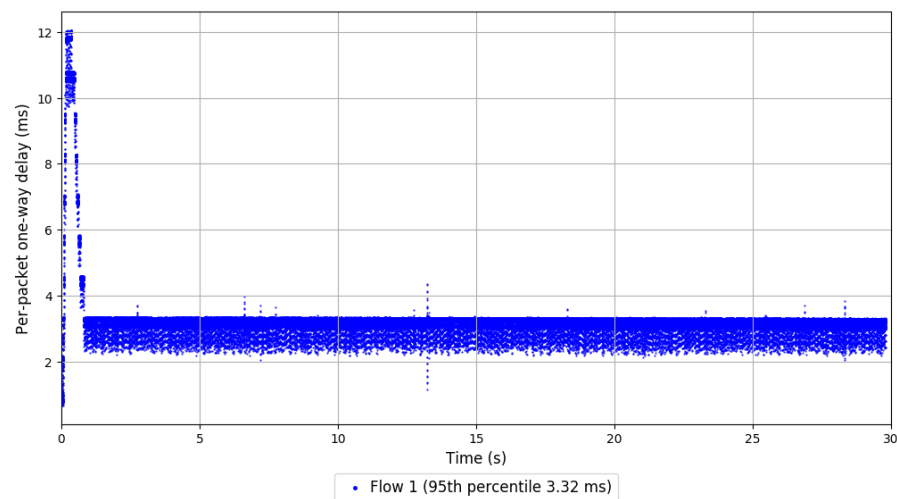
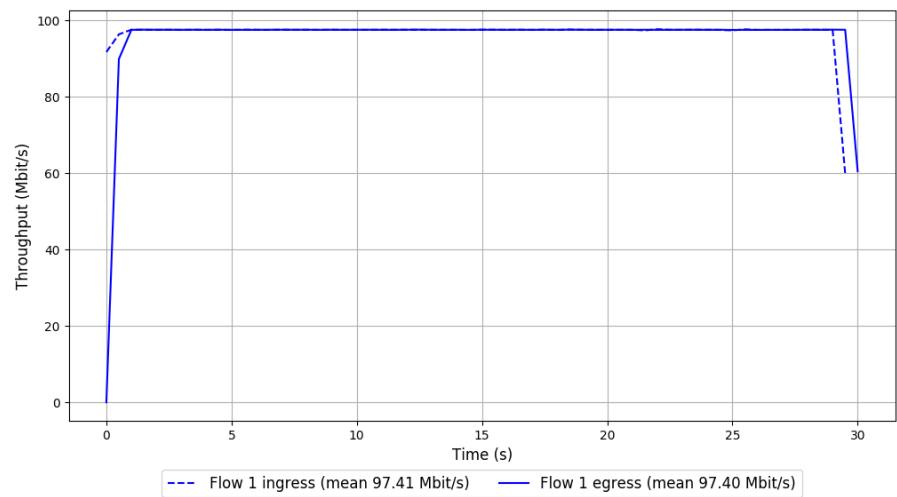
-- Flow 1:

Average throughput: 97.40 Mbit/s

95th percentile per-packet one-way delay: 3.320 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-07-11 19:39:12

End at: 2019-07-11 19:39:42

Local clock offset: -8.104 ms

Remote clock offset: 0.225 ms

Below is generated by plot.py at 2019-07-11 20:48:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.40 Mbit/s

95th percentile per-packet one-way delay: 3.497 ms

Loss rate: 0.00%

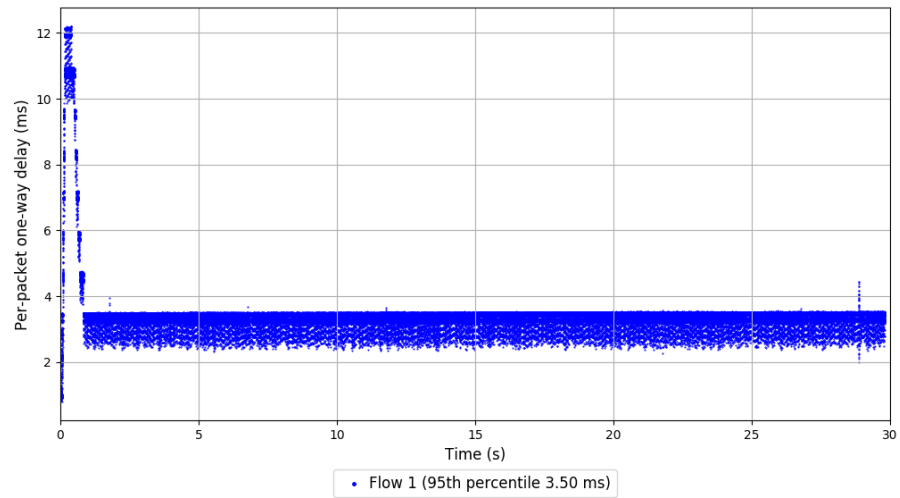
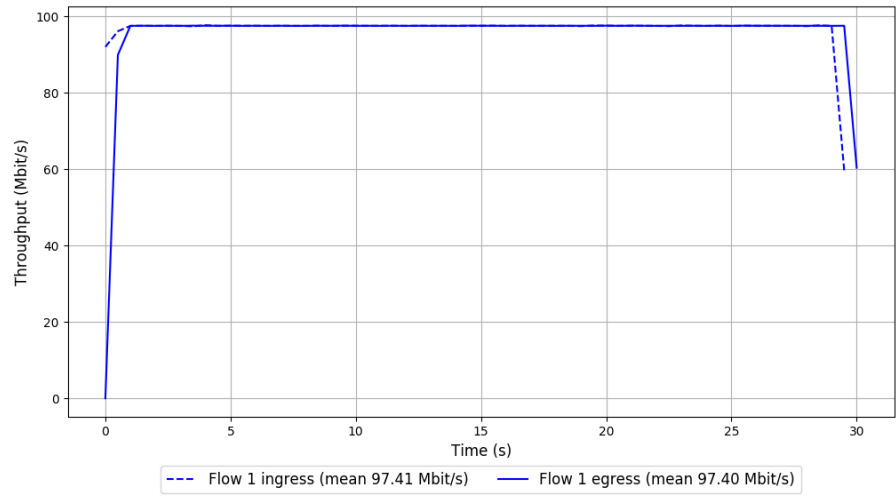
-- Flow 1:

Average throughput: 97.40 Mbit/s

95th percentile per-packet one-way delay: 3.497 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-07-11 20:05:46

End at: 2019-07-11 20:06:16

Local clock offset: -7.721 ms

Remote clock offset: 0.279 ms

Below is generated by plot.py at 2019-07-11 20:48:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 5.243 ms

Loss rate: 0.00%

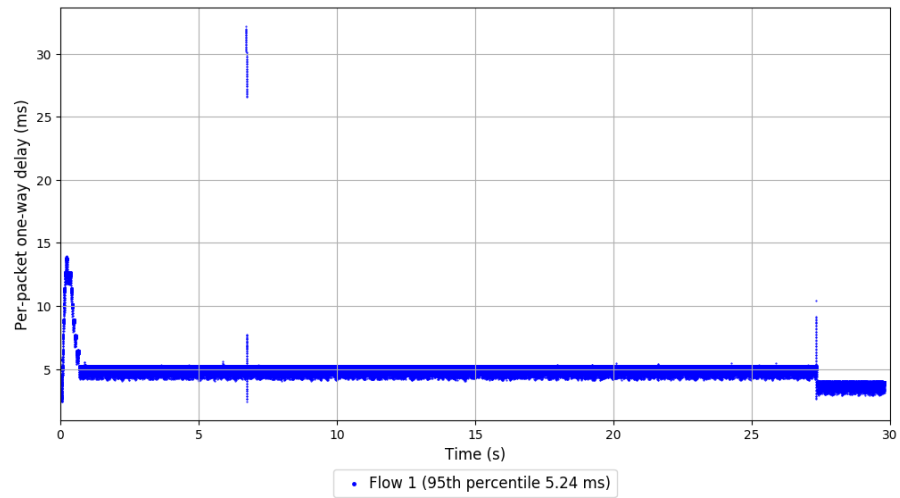
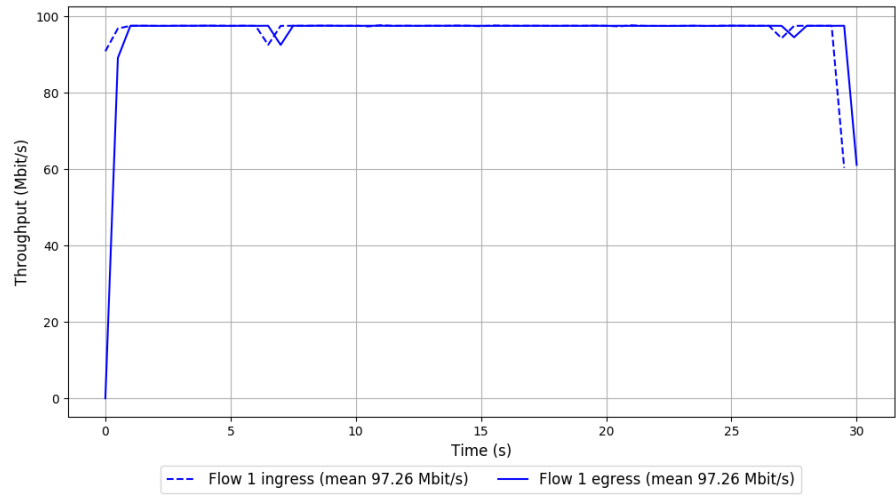
-- Flow 1:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 5.243 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-07-11 20:32:20

End at: 2019-07-11 20:32:50

Local clock offset: -7.193 ms

Remote clock offset: 0.211 ms

Below is generated by plot.py at 2019-07-11 20:48:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.37 Mbit/s

95th percentile per-packet one-way delay: 4.783 ms

Loss rate: 0.00%

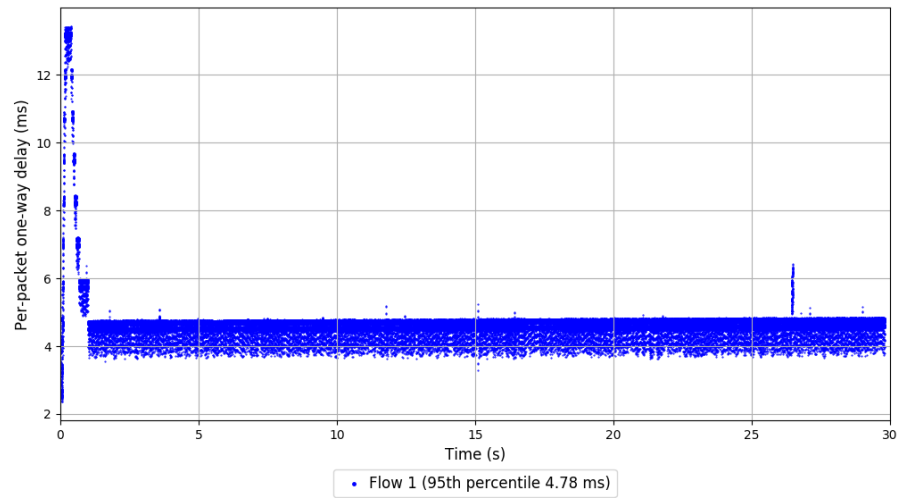
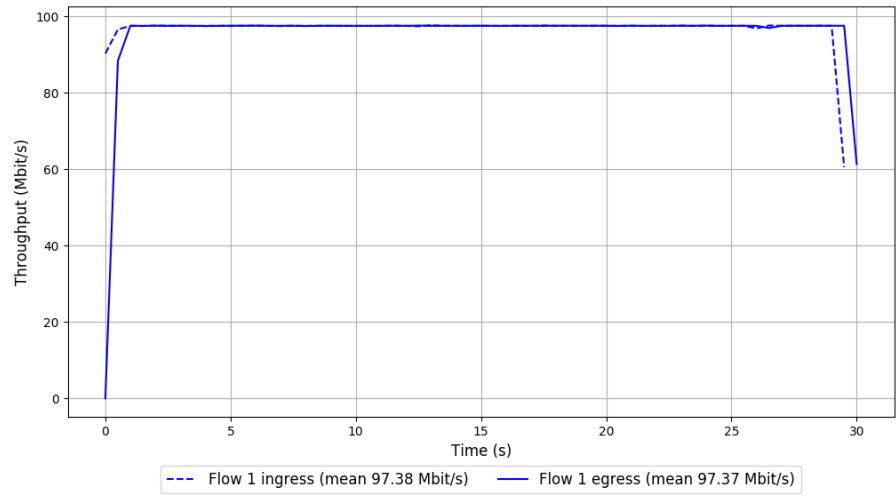
-- Flow 1:

Average throughput: 97.37 Mbit/s

95th percentile per-packet one-way delay: 4.783 ms

Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-07-11 18:42:42

End at: 2019-07-11 18:43:12

Local clock offset: -6.229 ms

Remote clock offset: 0.091 ms

Below is generated by plot.py at 2019-07-11 20:48:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.34 Mbit/s

95th percentile per-packet one-way delay: 2.650 ms

Loss rate: 0.00%

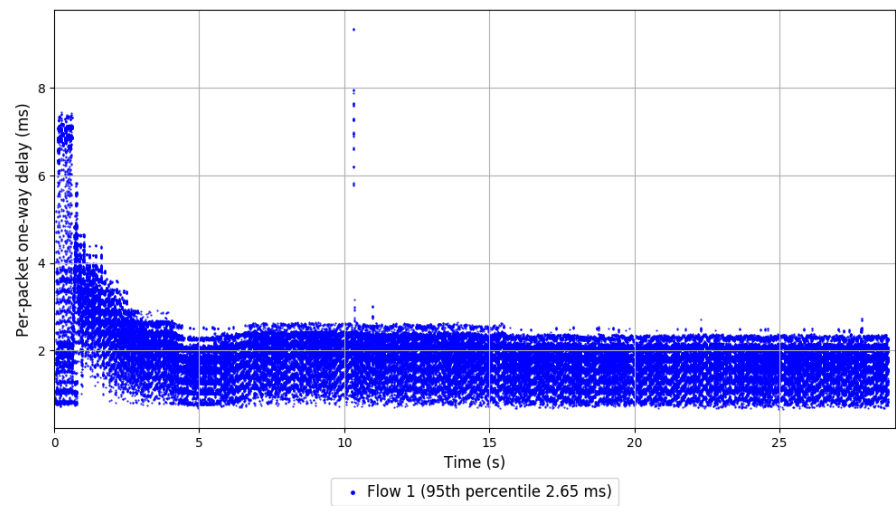
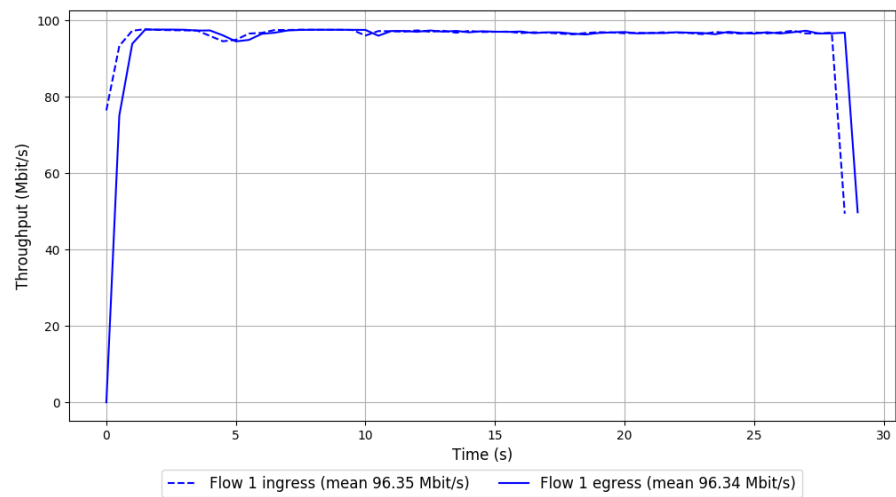
-- Flow 1:

Average throughput: 96.34 Mbit/s

95th percentile per-packet one-way delay: 2.650 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-07-11 19:09:15

End at: 2019-07-11 19:09:45

Local clock offset: -9.129 ms

Remote clock offset: 0.165 ms

Below is generated by plot.py at 2019-07-11 20:49:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.86 Mbit/s

95th percentile per-packet one-way delay: 3.271 ms

Loss rate: 0.00%

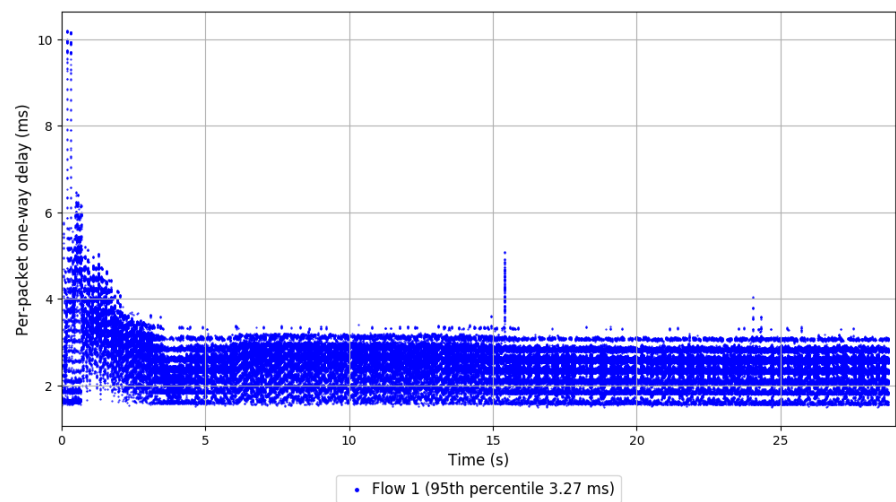
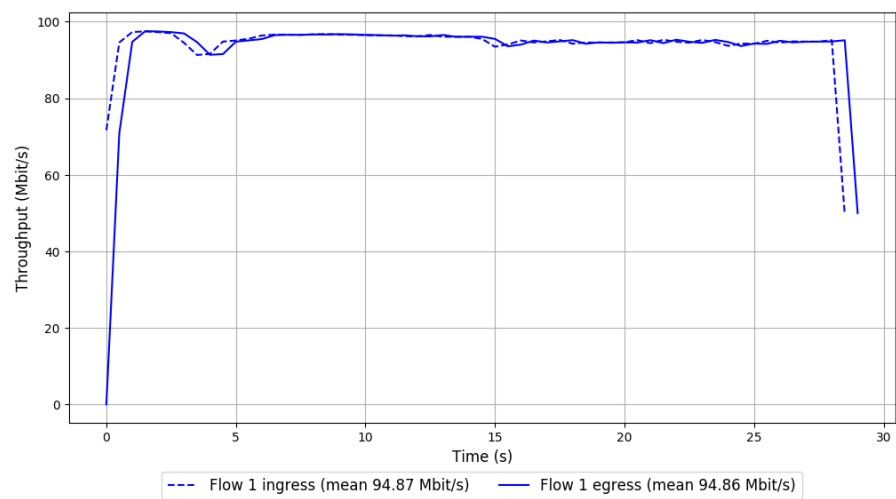
-- Flow 1:

Average throughput: 94.86 Mbit/s

95th percentile per-packet one-way delay: 3.271 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link



Run 3: Statistics of Indigo-MusesC3

Start at: 2019-07-11 19:35:50

End at: 2019-07-11 19:36:20

Local clock offset: -9.563 ms

Remote clock offset: 0.183 ms

Below is generated by plot.py at 2019-07-11 20:49:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 4.413 ms

Loss rate: 0.00%

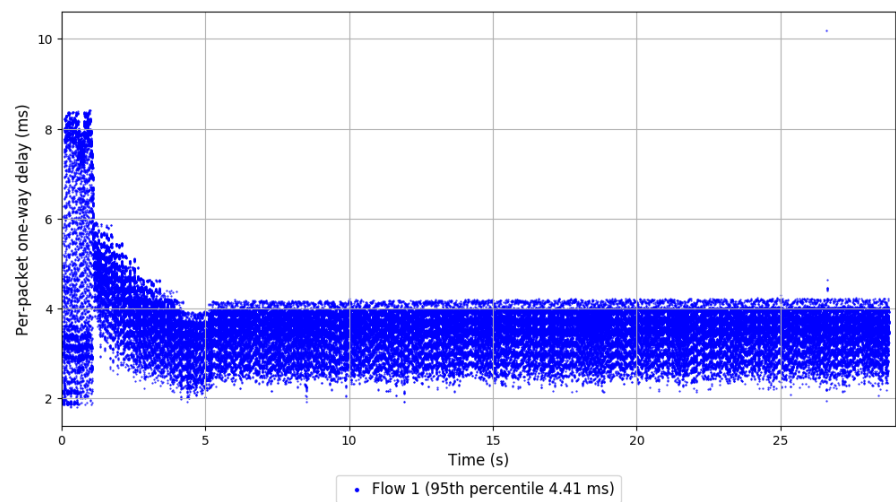
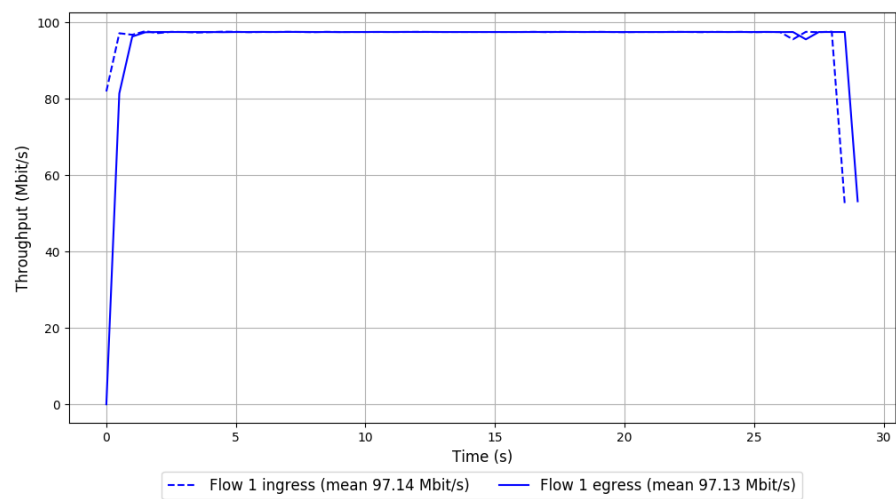
-- Flow 1:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 4.413 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-07-11 20:02:23

End at: 2019-07-11 20:02:53

Local clock offset: -8.156 ms

Remote clock offset: 0.139 ms

Below is generated by plot.py at 2019-07-11 20:49:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.21 Mbit/s

95th percentile per-packet one-way delay: 2.776 ms

Loss rate: 0.00%

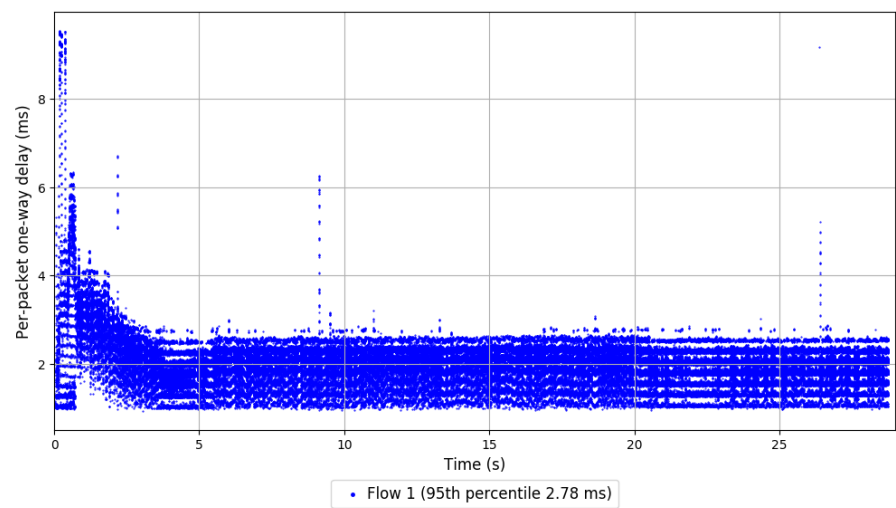
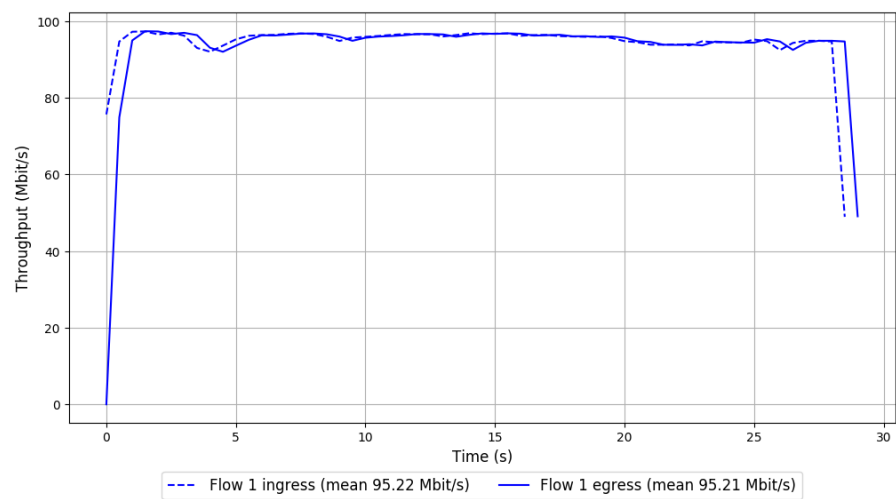
-- Flow 1:

Average throughput: 95.21 Mbit/s

95th percentile per-packet one-way delay: 2.776 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-07-11 20:28:57

End at: 2019-07-11 20:29:27

Local clock offset: -7.921 ms

Remote clock offset: 0.255 ms

Below is generated by plot.py at 2019-07-11 20:49:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 3.320 ms

Loss rate: 0.00%

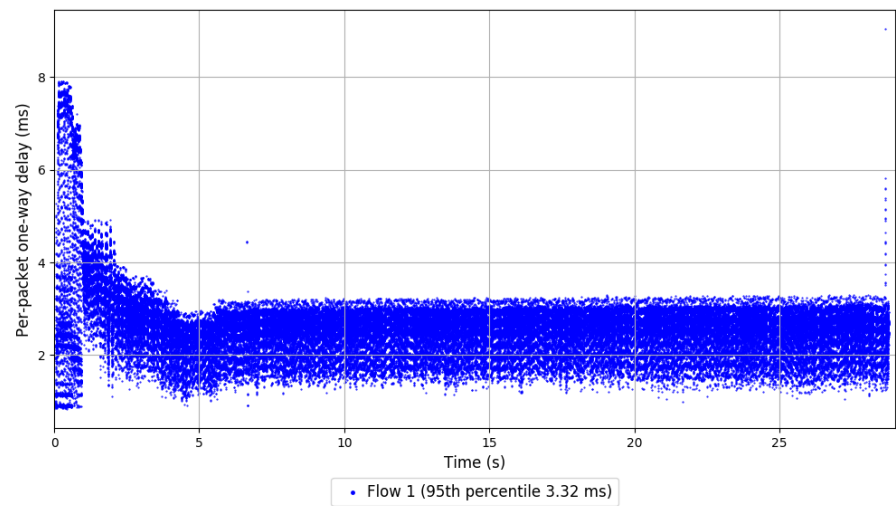
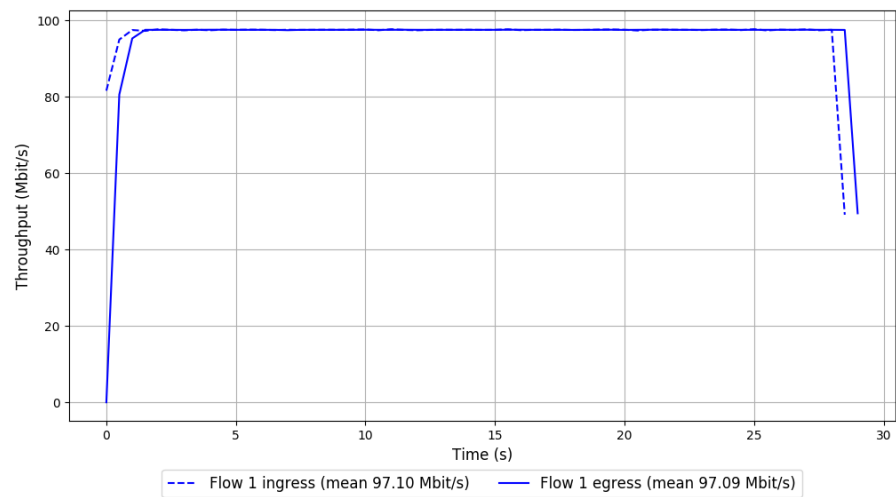
-- Flow 1:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 3.320 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-07-11 18:40:26

End at: 2019-07-11 18:40:56

Local clock offset: -6.494 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at 2019-07-11 20:49:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.60 Mbit/s

95th percentile per-packet one-way delay: 2.644 ms

Loss rate: 0.00%

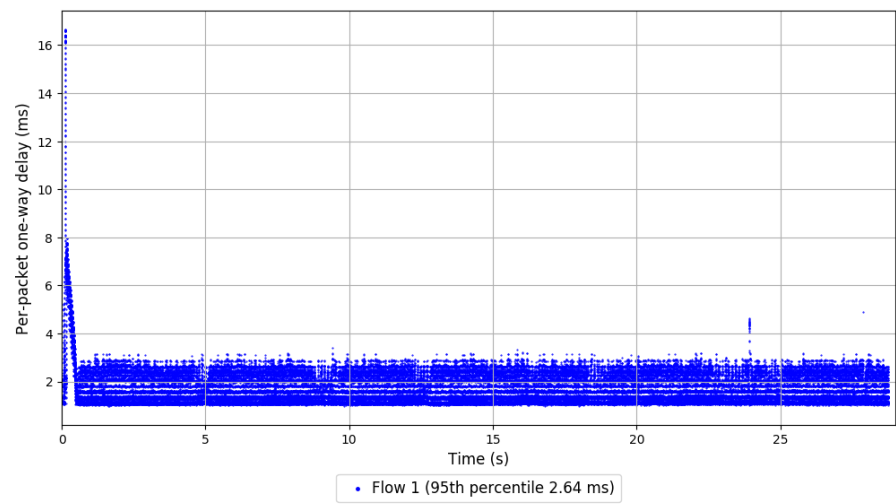
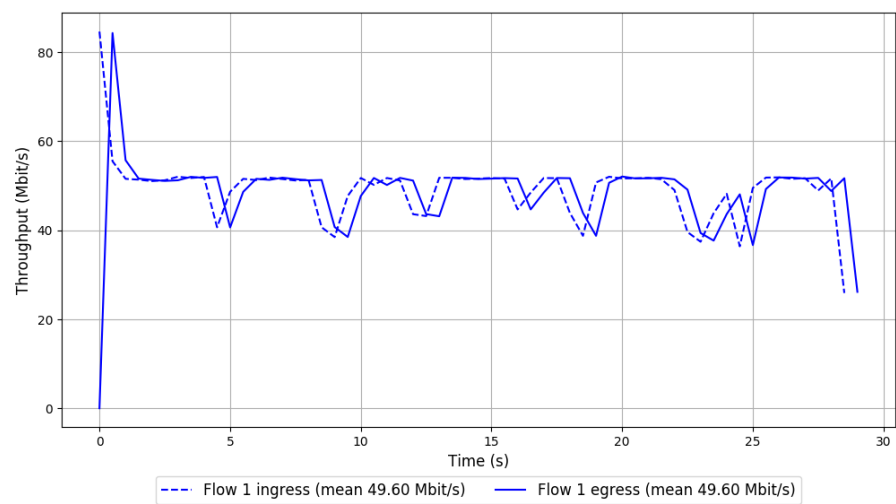
-- Flow 1:

Average throughput: 49.60 Mbit/s

95th percentile per-packet one-way delay: 2.644 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-07-11 19:07:00

End at: 2019-07-11 19:07:30

Local clock offset: -8.256 ms

Remote clock offset: 0.07 ms

Below is generated by plot.py at 2019-07-11 20:49:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.31 Mbit/s

95th percentile per-packet one-way delay: 4.308 ms

Loss rate: 0.00%

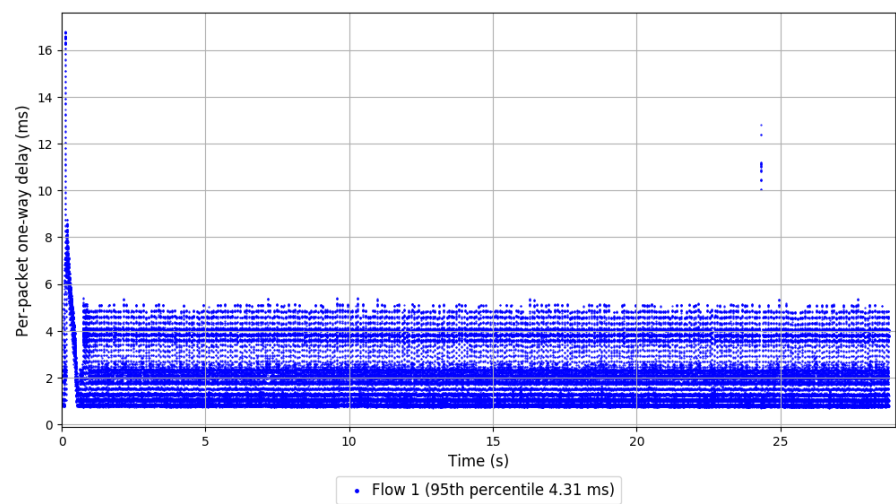
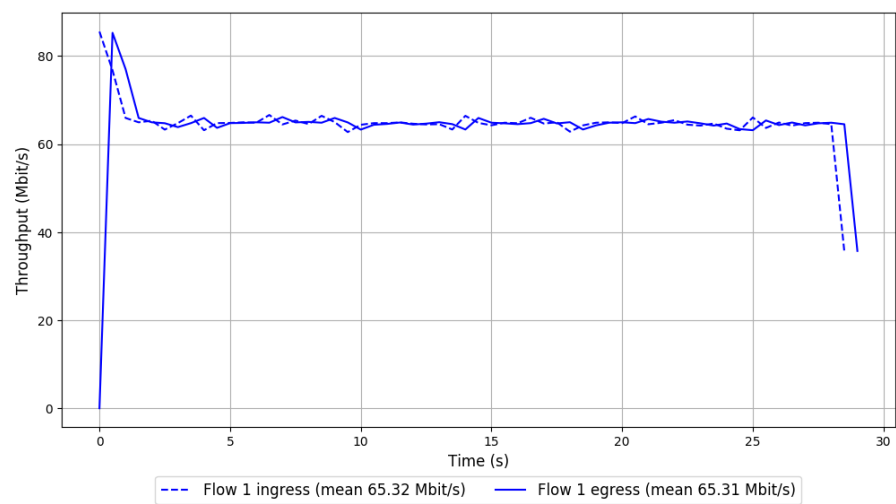
-- Flow 1:

Average throughput: 65.31 Mbit/s

95th percentile per-packet one-way delay: 4.308 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link

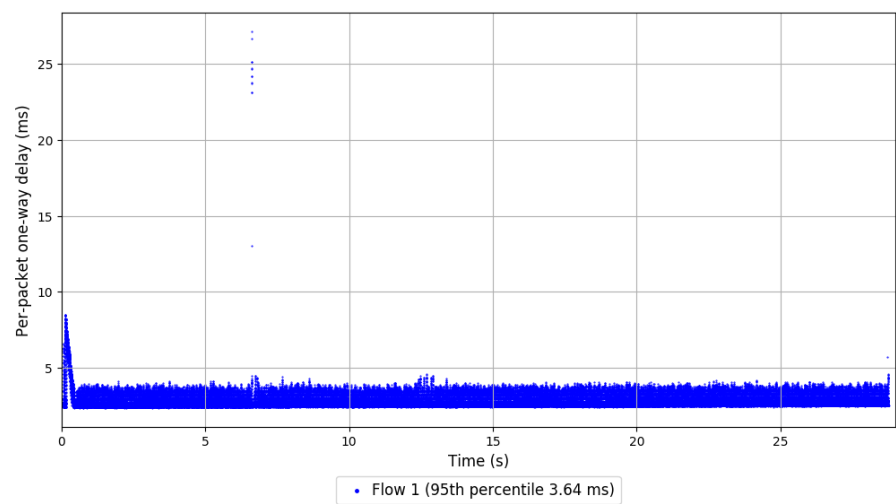
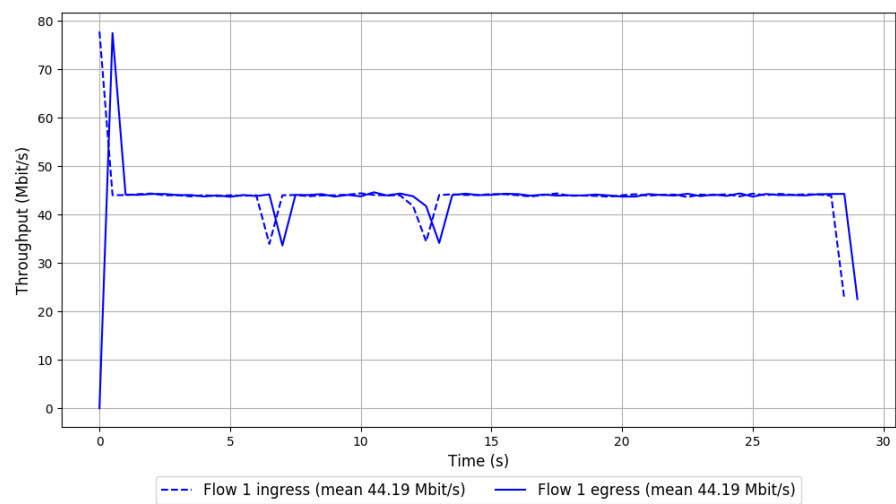


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-07-11 19:33:35
End at: 2019-07-11 19:34:05
Local clock offset: -9.046 ms
Remote clock offset: 0.138 ms

Below is generated by plot.py at 2019-07-11 20:49:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.19 Mbit/s
95th percentile per-packet one-way delay: 3.641 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.19 Mbit/s
95th percentile per-packet one-way delay: 3.641 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-07-11 20:00:07

End at: 2019-07-11 20:00:37

Local clock offset: -9.177 ms

Remote clock offset: 0.148 ms

Below is generated by plot.py at 2019-07-11 20:49:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.08 Mbit/s

95th percentile per-packet one-way delay: 4.692 ms

Loss rate: 0.00%

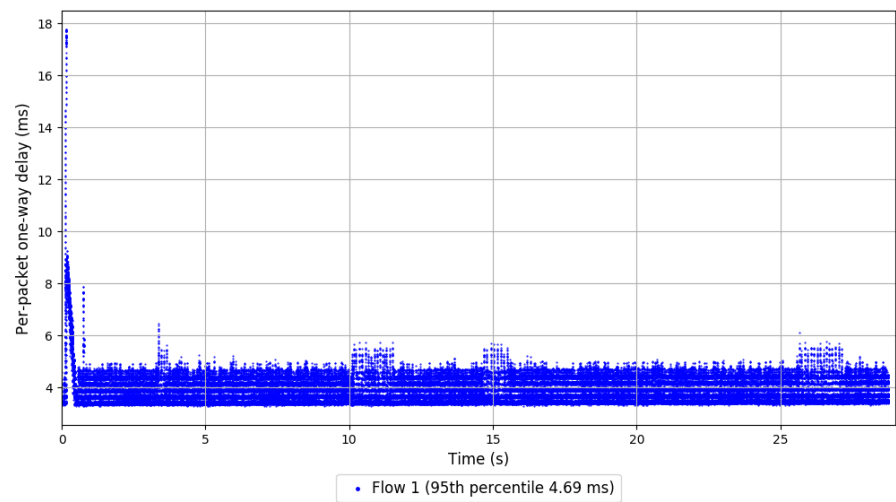
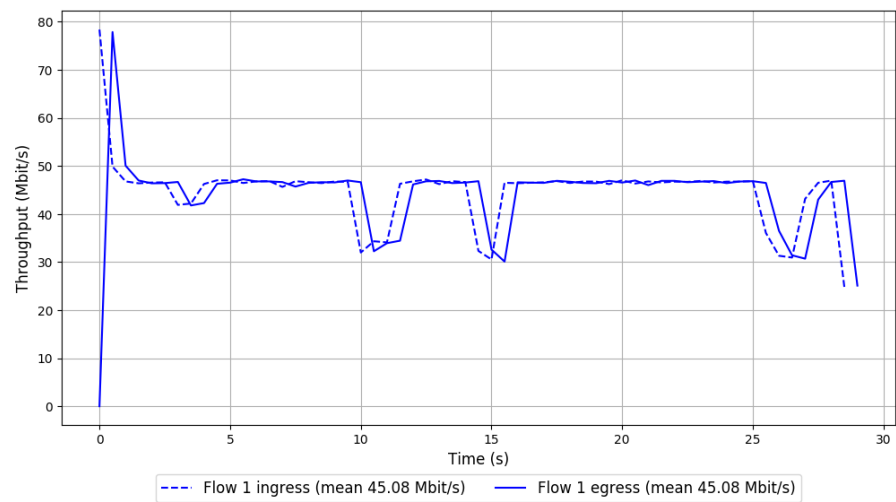
-- Flow 1:

Average throughput: 45.08 Mbit/s

95th percentile per-packet one-way delay: 4.692 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-07-11 20:26:40

End at: 2019-07-11 20:27:10

Local clock offset: -8.627 ms

Remote clock offset: 0.247 ms

Below is generated by plot.py at 2019-07-11 20:49:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.04 Mbit/s

95th percentile per-packet one-way delay: 3.825 ms

Loss rate: 0.00%

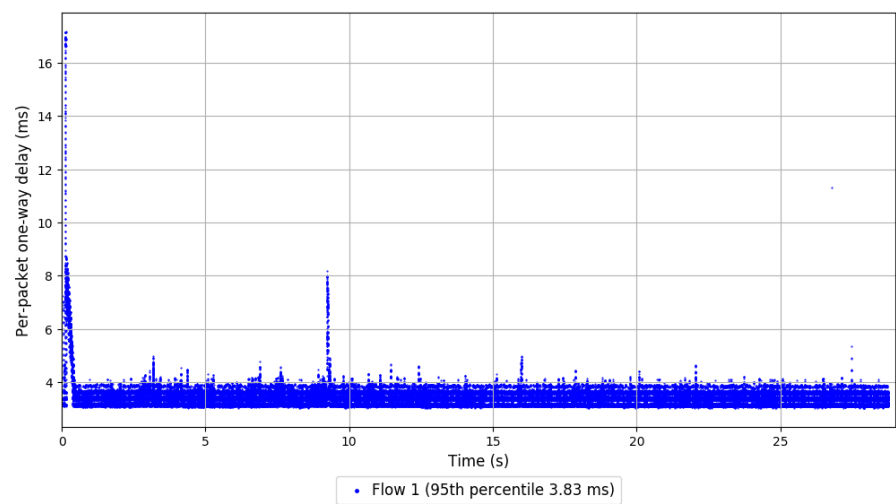
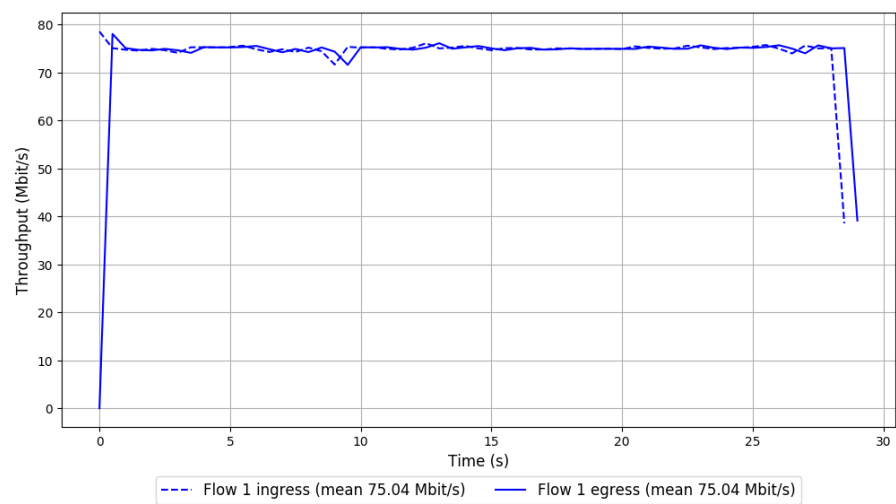
-- Flow 1:

Average throughput: 75.04 Mbit/s

95th percentile per-packet one-way delay: 3.825 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-07-11 18:52:38

End at: 2019-07-11 18:53:08

Local clock offset: -8.107 ms

Remote clock offset: 0.091 ms

Below is generated by plot.py at 2019-07-11 20:50:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.68 Mbit/s

95th percentile per-packet one-way delay: 5.043 ms

Loss rate: 0.00%

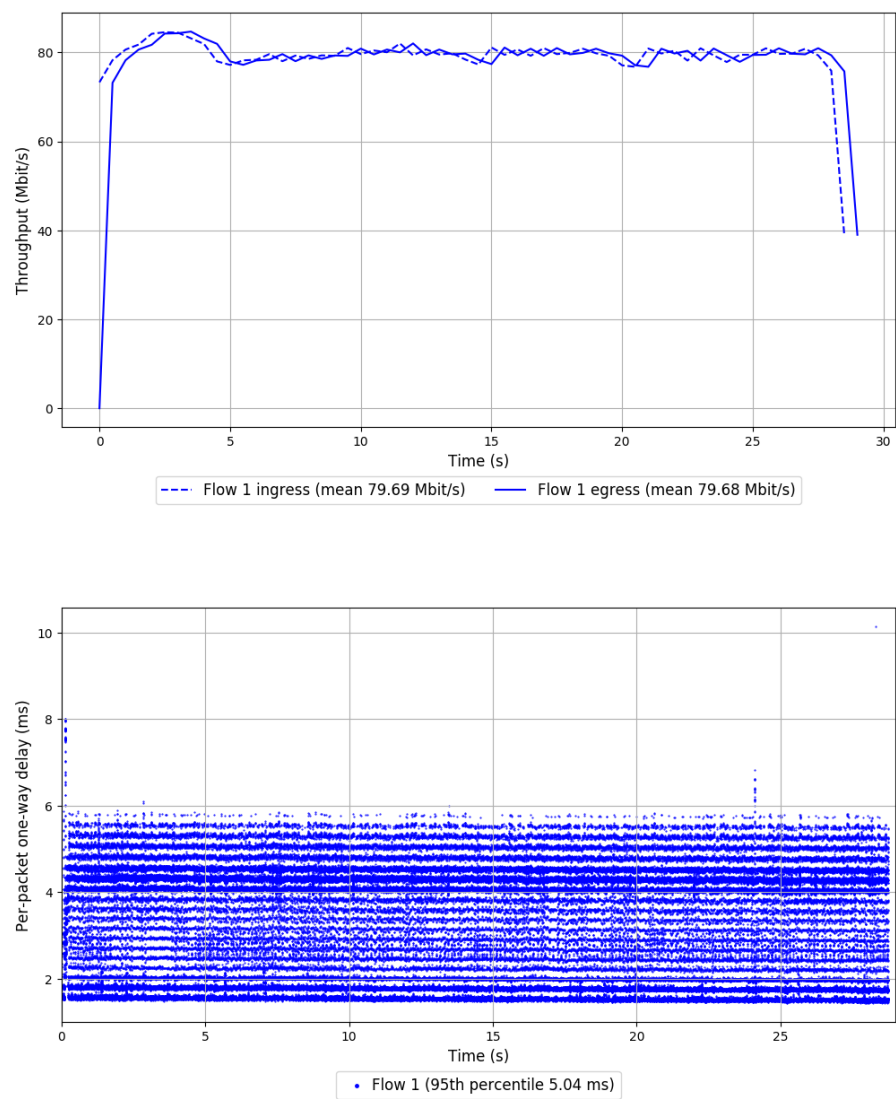
-- Flow 1:

Average throughput: 79.68 Mbit/s

95th percentile per-packet one-way delay: 5.043 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesD — Data Link

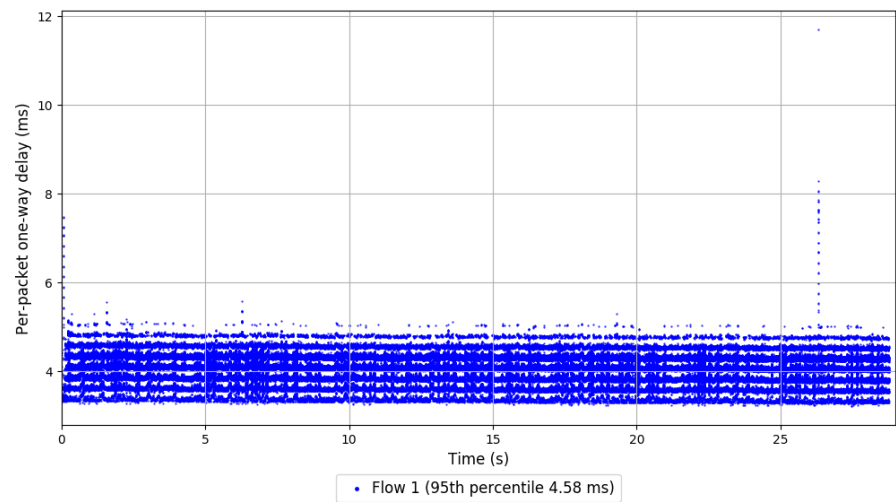
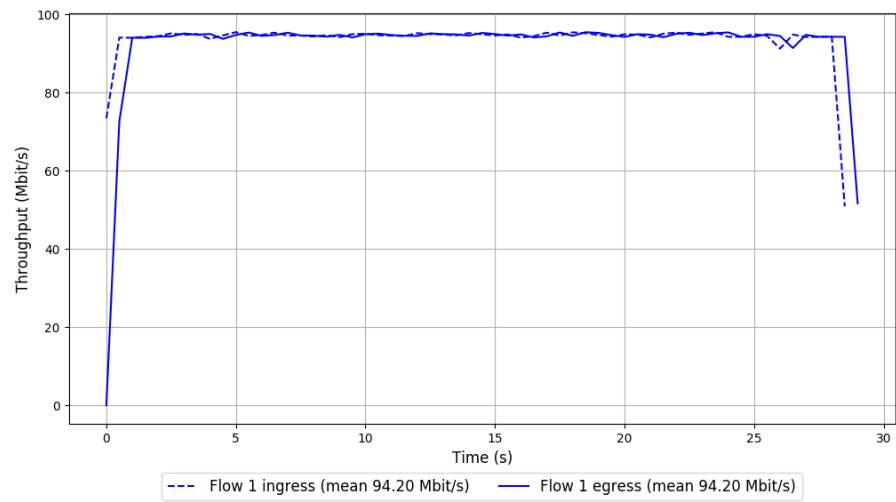


Run 2: Statistics of Indigo-MusesD

Start at: 2019-07-11 19:19:12
End at: 2019-07-11 19:19:42
Local clock offset: -10.305 ms
Remote clock offset: 0.205 ms

Below is generated by plot.py at 2019-07-11 20:50:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 4.578 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 4.578 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-07-11 19:45:45

End at: 2019-07-11 19:46:15

Local clock offset: -8.682 ms

Remote clock offset: 0.247 ms

Below is generated by plot.py at 2019-07-11 20:50:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 5.450 ms

Loss rate: 0.00%

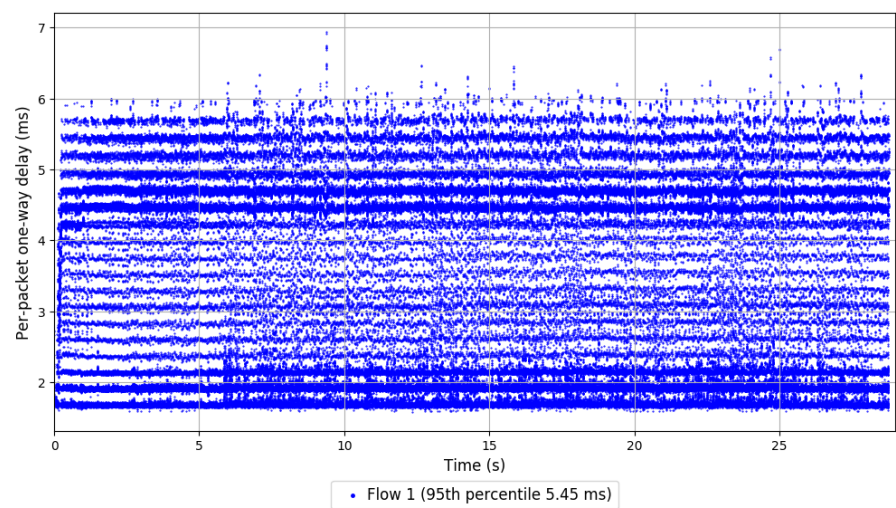
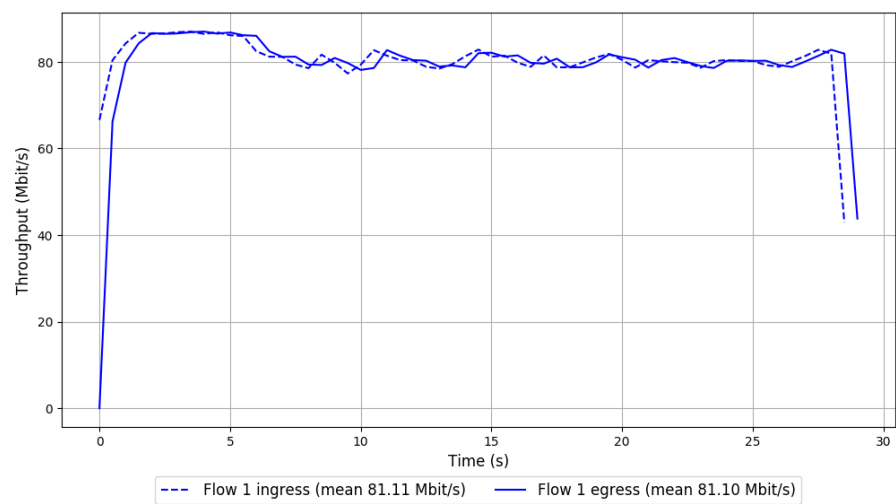
-- Flow 1:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 5.450 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-07-11 20:12:19

End at: 2019-07-11 20:12:49

Local clock offset: -8.337 ms

Remote clock offset: 0.159 ms

Below is generated by plot.py at 2019-07-11 20:50:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.23 Mbit/s

95th percentile per-packet one-way delay: 3.620 ms

Loss rate: 0.00%

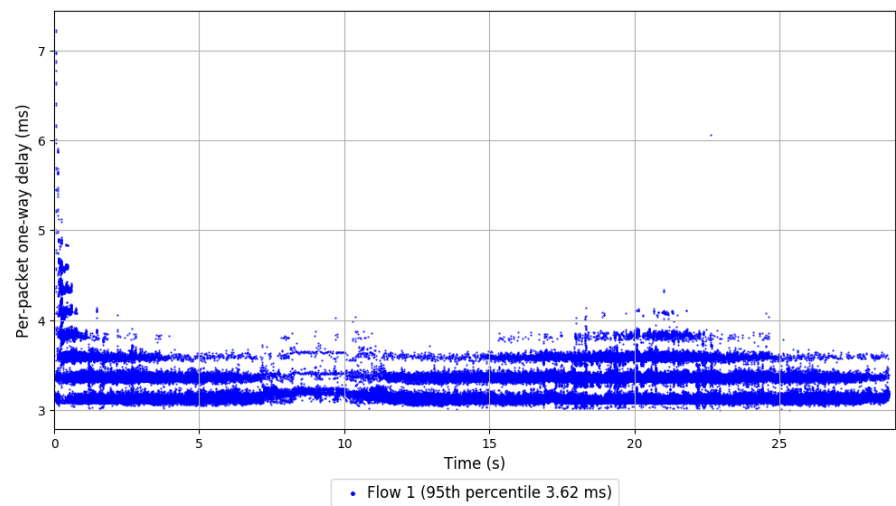
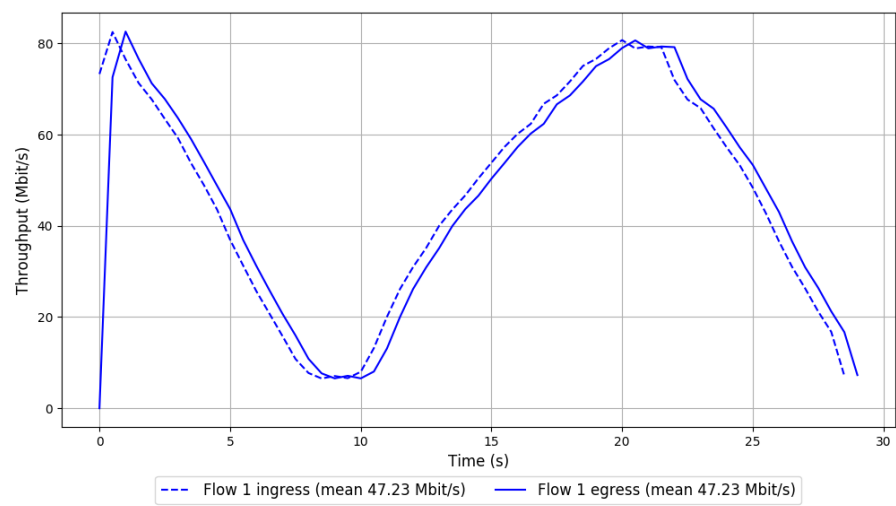
-- Flow 1:

Average throughput: 47.23 Mbit/s

95th percentile per-packet one-way delay: 3.620 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-07-11 20:38:53

End at: 2019-07-11 20:39:23

Local clock offset: -7.095 ms

Remote clock offset: 0.209 ms

Below is generated by plot.py at 2019-07-11 20:50:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.66 Mbit/s

95th percentile per-packet one-way delay: 5.394 ms

Loss rate: 0.00%

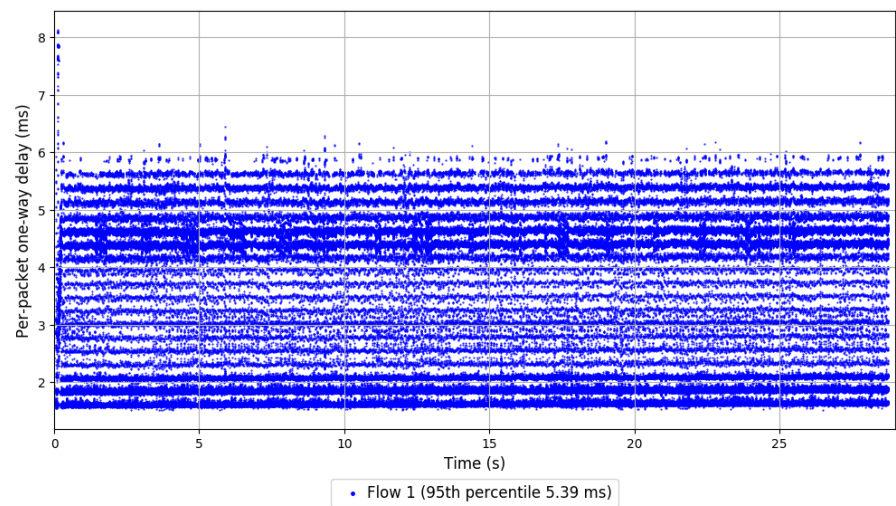
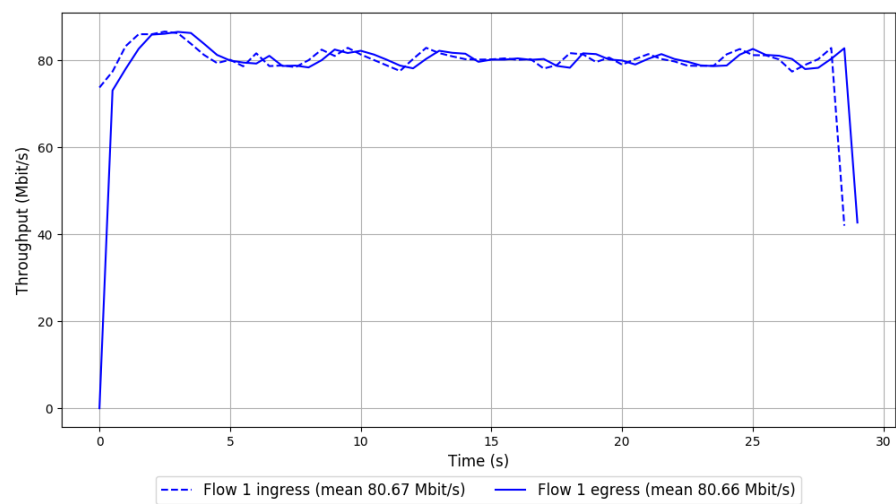
-- Flow 1:

Average throughput: 80.66 Mbit/s

95th percentile per-packet one-way delay: 5.394 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-07-11 18:39:18

End at: 2019-07-11 18:39:48

Local clock offset: -7.28 ms

Remote clock offset: 0.082 ms

Below is generated by plot.py at 2019-07-11 20:50:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.58 Mbit/s

95th percentile per-packet one-way delay: 3.053 ms

Loss rate: 0.00%

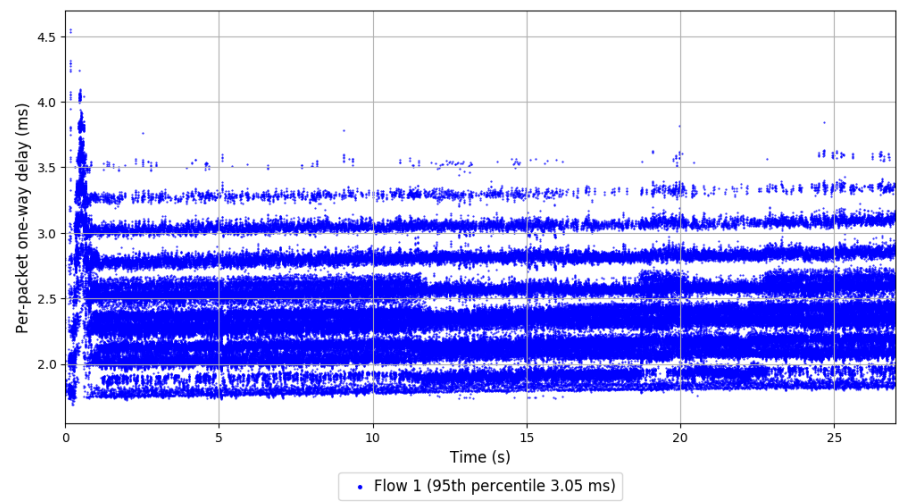
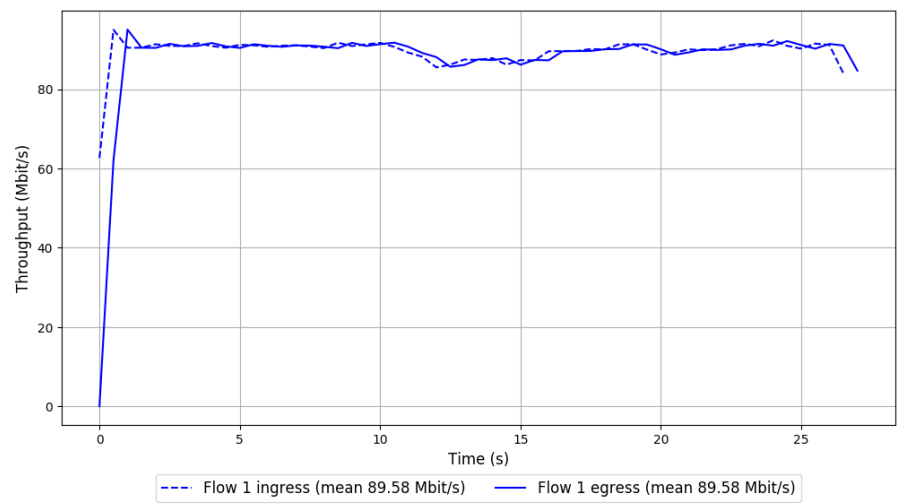
-- Flow 1:

Average throughput: 89.58 Mbit/s

95th percentile per-packet one-way delay: 3.053 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-07-11 19:05:52

End at: 2019-07-11 19:06:22

Local clock offset: -8.194 ms

Remote clock offset: 0.035 ms

Below is generated by plot.py at 2019-07-11 20:50:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.28 Mbit/s

95th percentile per-packet one-way delay: 3.297 ms

Loss rate: 0.00%

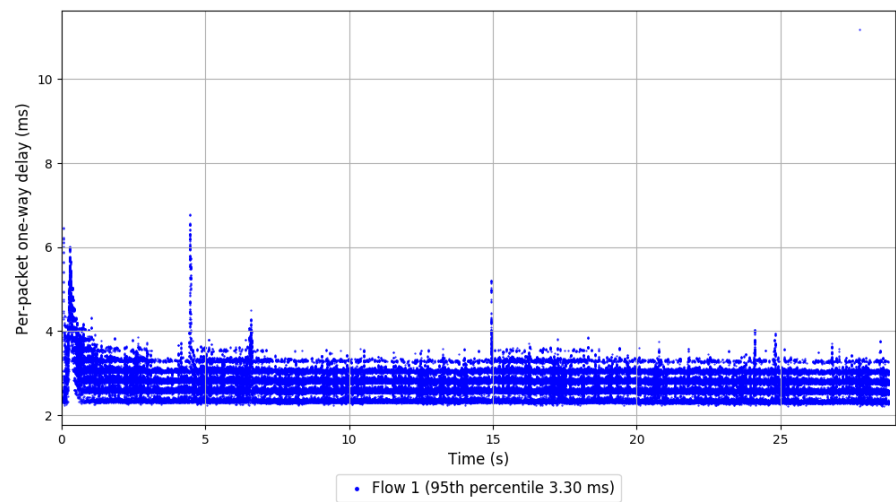
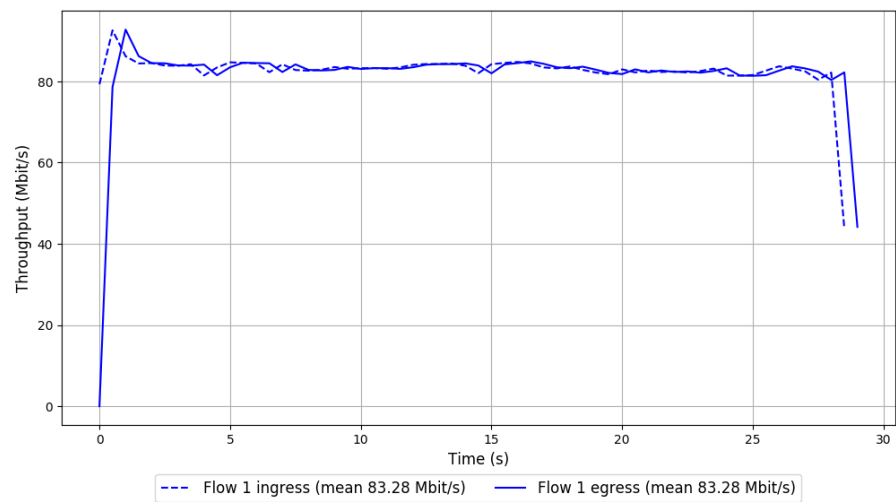
-- Flow 1:

Average throughput: 83.28 Mbit/s

95th percentile per-packet one-way delay: 3.297 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-07-11 19:32:27

End at: 2019-07-11 19:32:57

Local clock offset: -10.055 ms

Remote clock offset: 0.159 ms

Below is generated by plot.py at 2019-07-11 20:50:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.65 Mbit/s

95th percentile per-packet one-way delay: 3.245 ms

Loss rate: 0.00%

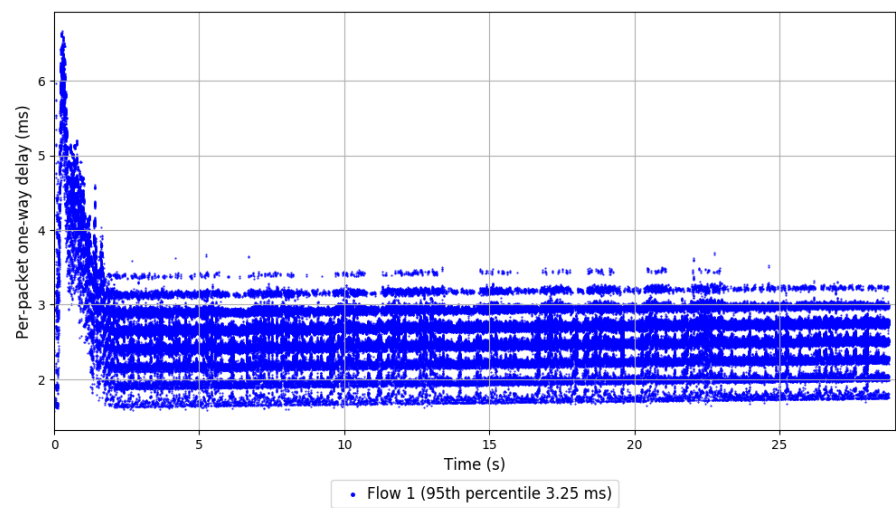
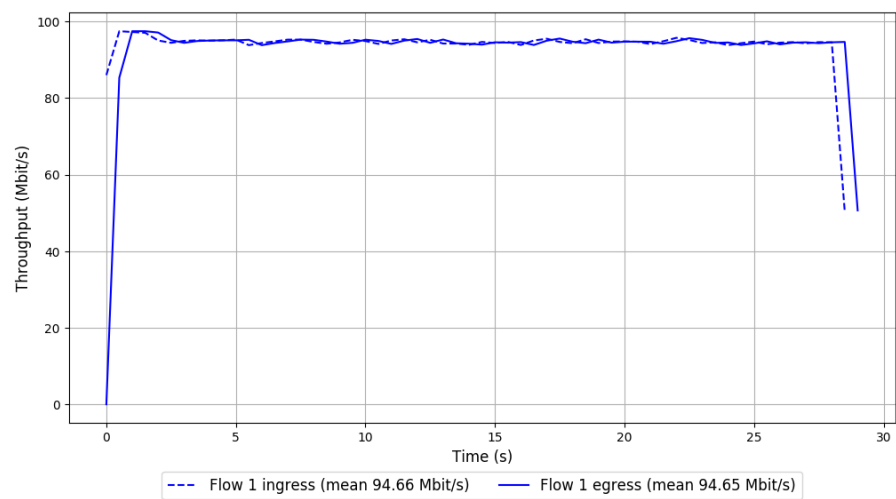
-- Flow 1:

Average throughput: 94.65 Mbit/s

95th percentile per-packet one-way delay: 3.245 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-07-11 19:58:59

End at: 2019-07-11 19:59:29

Local clock offset: -9.082 ms

Remote clock offset: 0.266 ms

Below is generated by plot.py at 2019-07-11 20:51:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.70 Mbit/s

95th percentile per-packet one-way delay: 3.398 ms

Loss rate: 0.00%

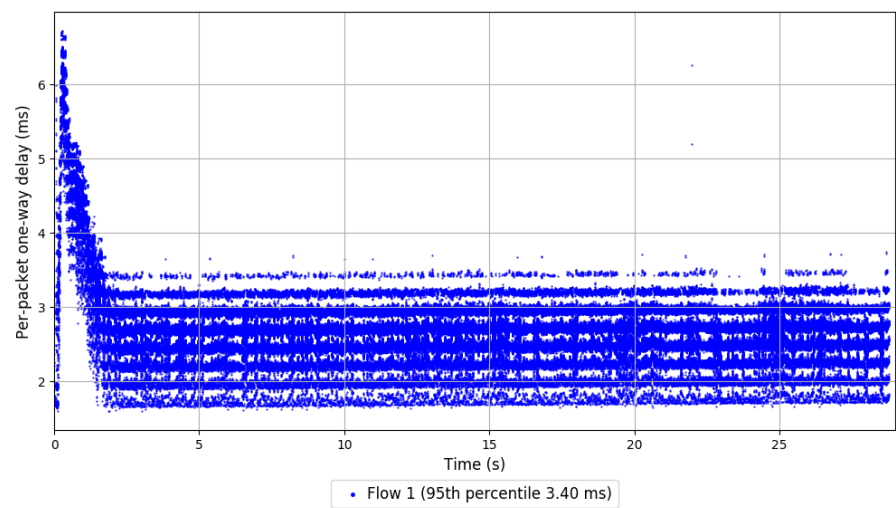
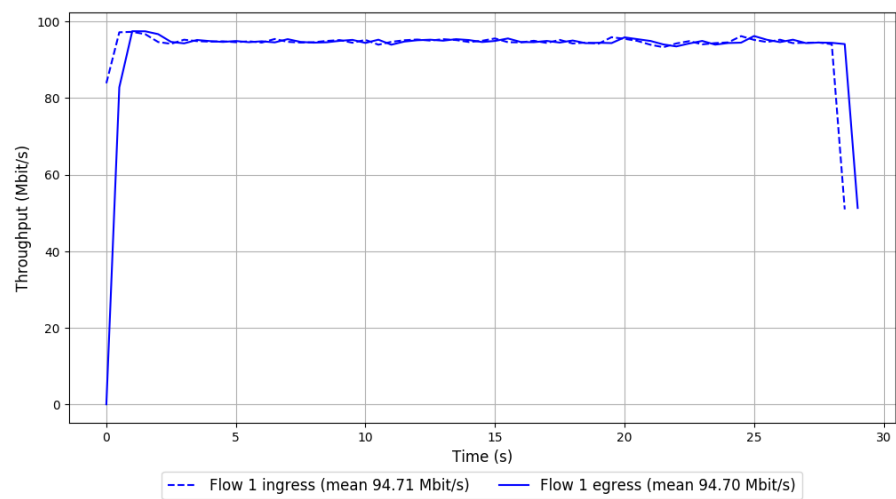
-- Flow 1:

Average throughput: 94.70 Mbit/s

95th percentile per-packet one-way delay: 3.398 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-07-11 20:25:32

End at: 2019-07-11 20:26:02

Local clock offset: -8.811 ms

Remote clock offset: 0.263 ms

Below is generated by plot.py at 2019-07-11 20:51:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.87 Mbit/s

95th percentile per-packet one-way delay: 3.306 ms

Loss rate: 0.00%

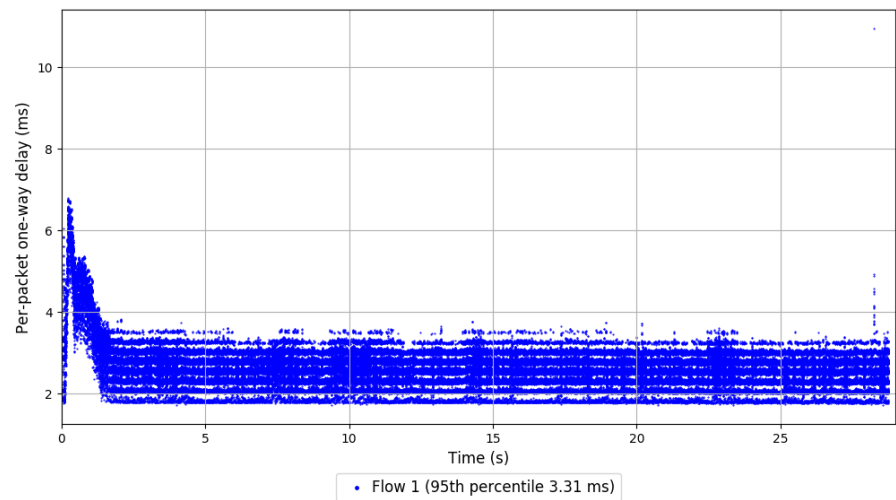
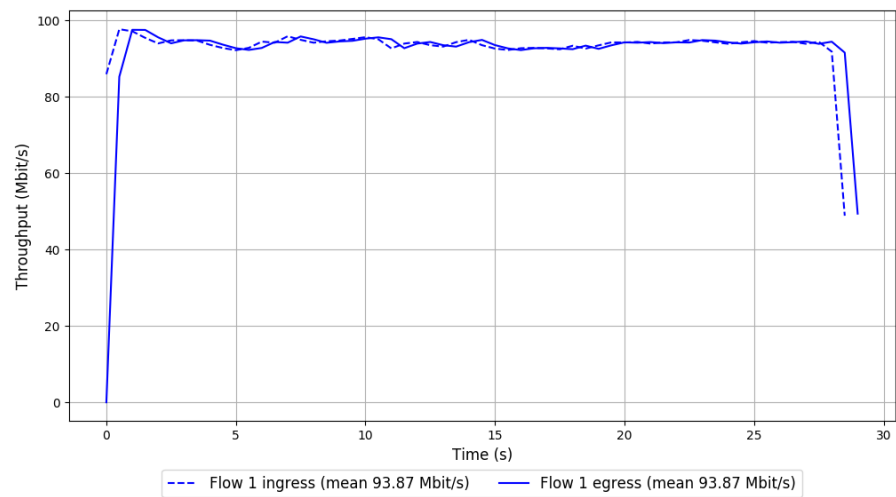
-- Flow 1:

Average throughput: 93.87 Mbit/s

95th percentile per-packet one-way delay: 3.306 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesT — Data Link

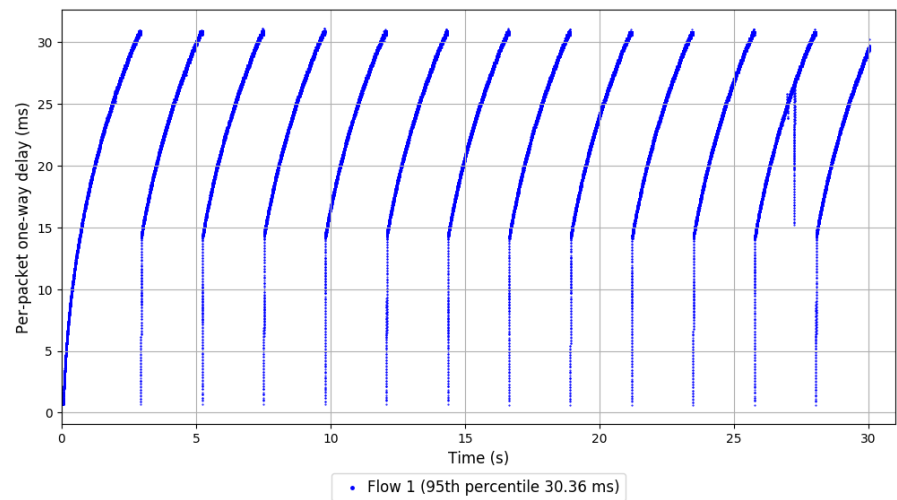
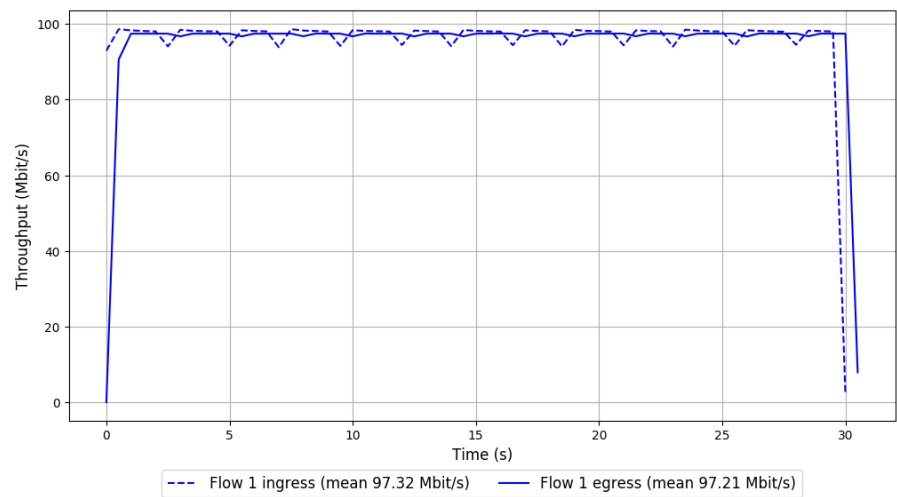


Run 1: Statistics of LEDBAT

Start at: 2019-07-11 18:34:50
End at: 2019-07-11 18:35:20
Local clock offset: -6.793 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2019-07-11 20:51:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 30.358 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 30.358 ms
Loss rate: 0.01%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-07-11 19:01:24

End at: 2019-07-11 19:01:54

Local clock offset: -8.967 ms

Remote clock offset: 0.111 ms

Below is generated by plot.py at 2019-07-11 20:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 33.000 ms

Loss rate: 0.01%

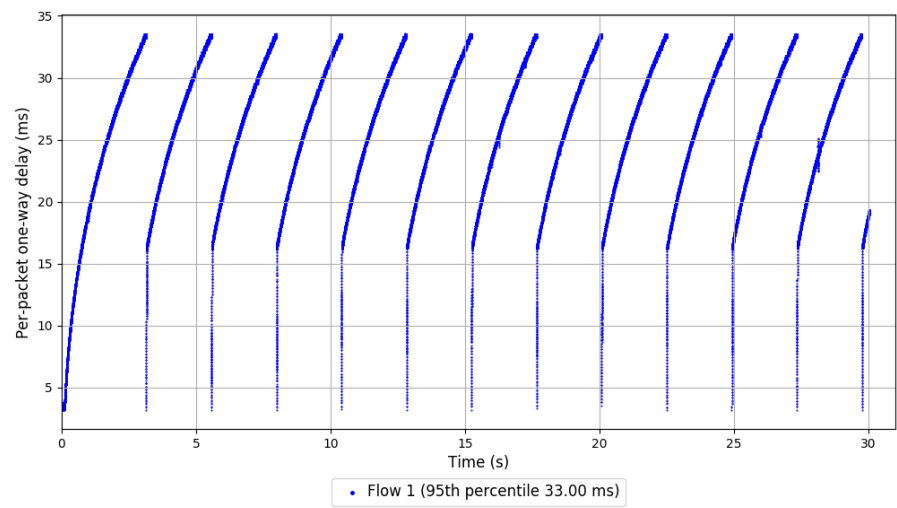
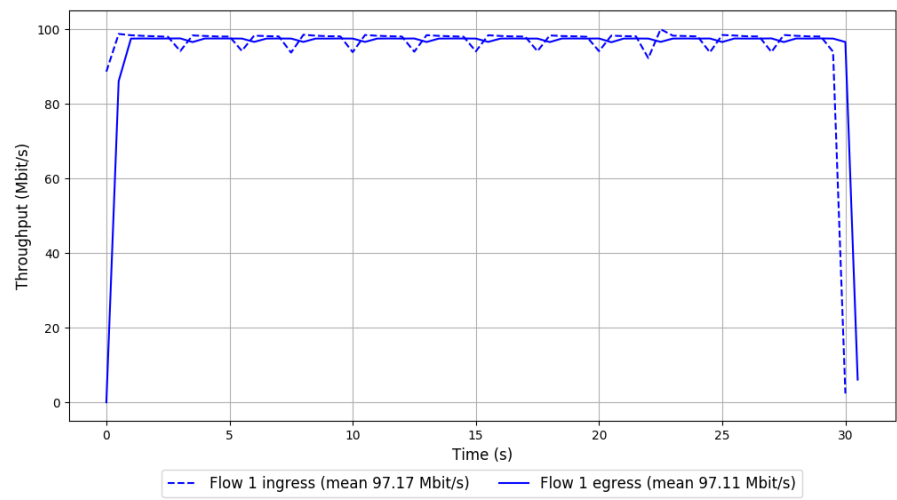
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 33.000 ms

Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-07-11 19:27:59

End at: 2019-07-11 19:28:29

Local clock offset: -10.34 ms

Remote clock offset: 0.173 ms

Below is generated by plot.py at 2019-07-11 20:51:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 31.988 ms

Loss rate: 0.01%

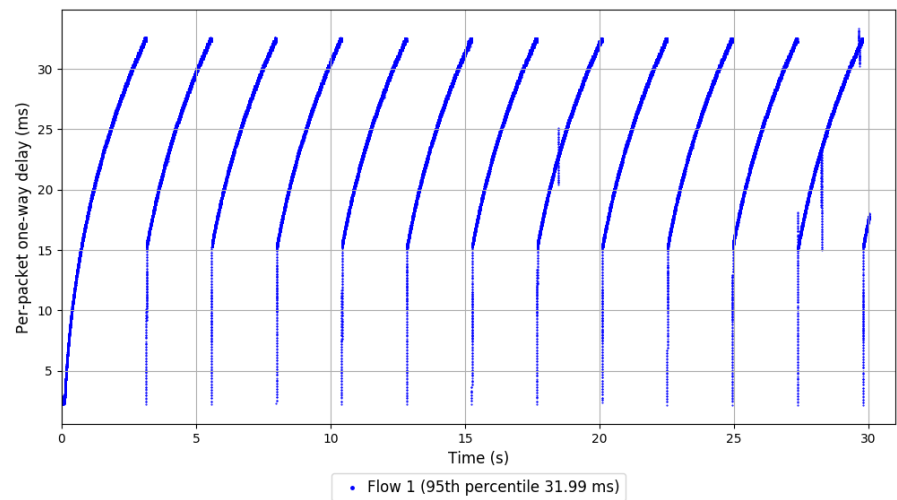
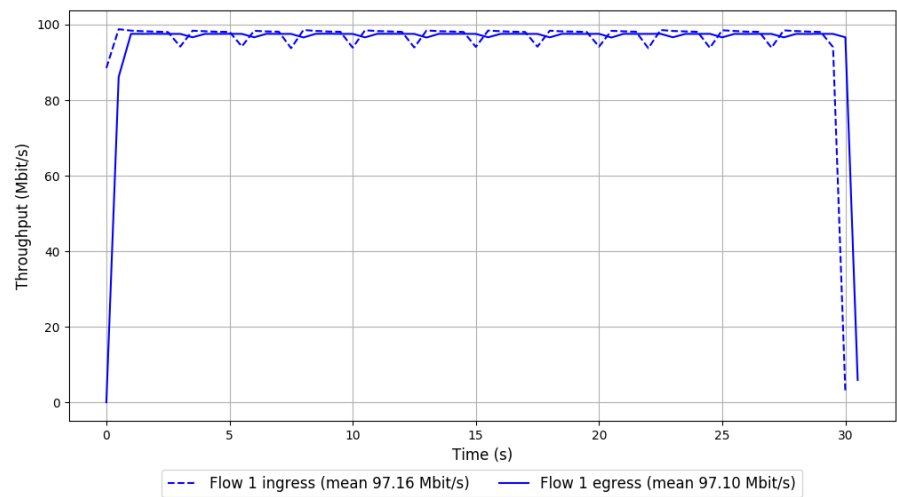
-- Flow 1:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 31.988 ms

Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-07-11 19:54:31

End at: 2019-07-11 19:55:01

Local clock offset: -9.082 ms

Remote clock offset: 0.25 ms

Below is generated by plot.py at 2019-07-11 20:51:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 31.618 ms

Loss rate: 0.01%

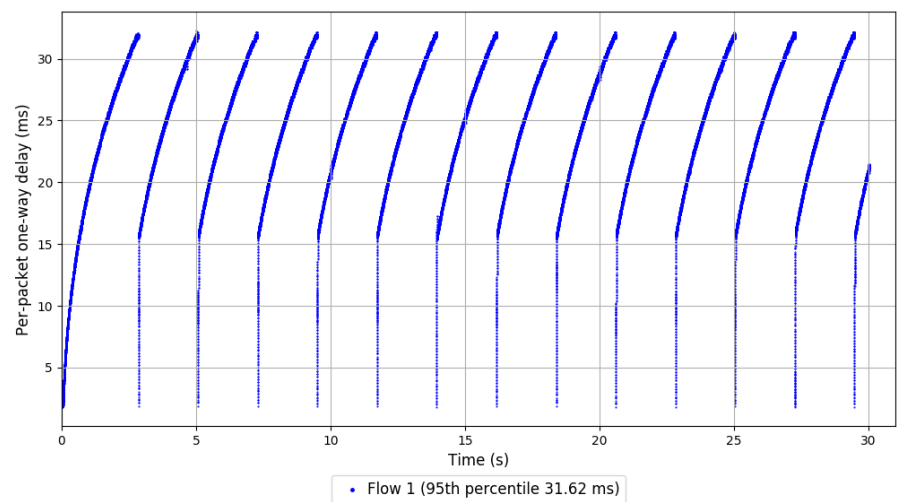
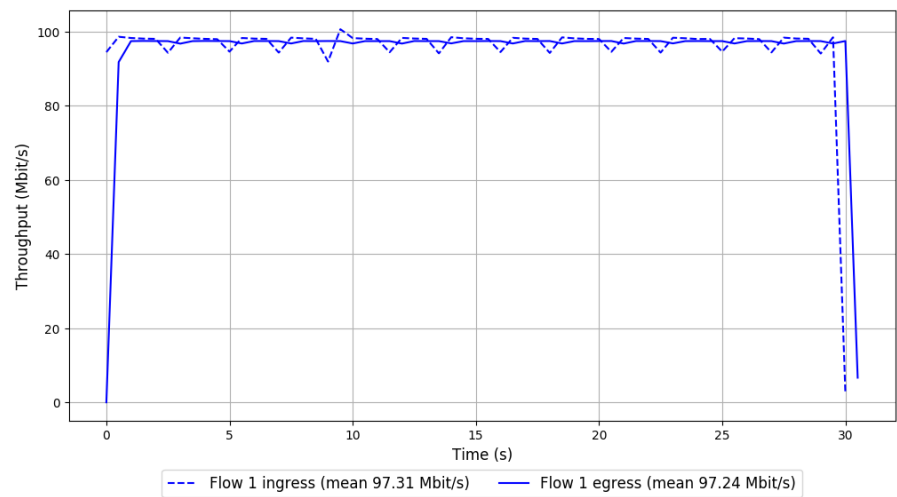
-- Flow 1:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 31.618 ms

Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-07-11 20:21:04

End at: 2019-07-11 20:21:34

Local clock offset: -7.928 ms

Remote clock offset: 0.247 ms

Below is generated by plot.py at 2019-07-11 20:52:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 30.846 ms

Loss rate: 0.01%

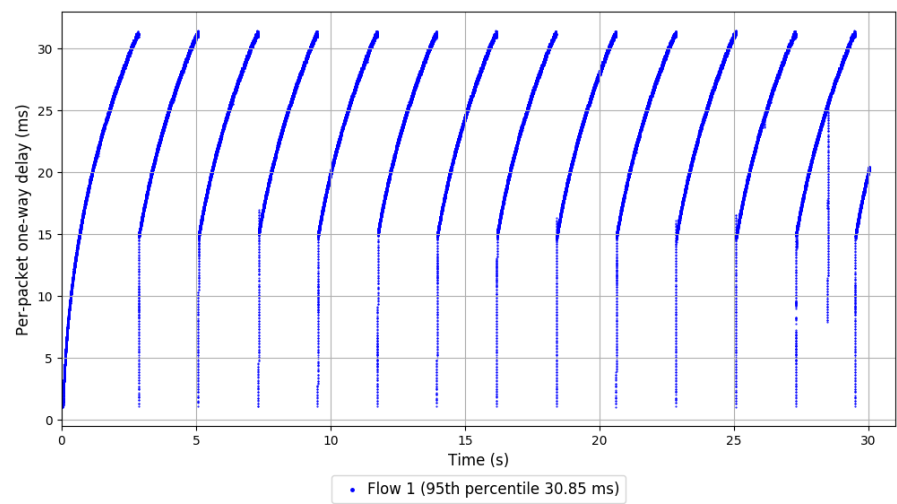
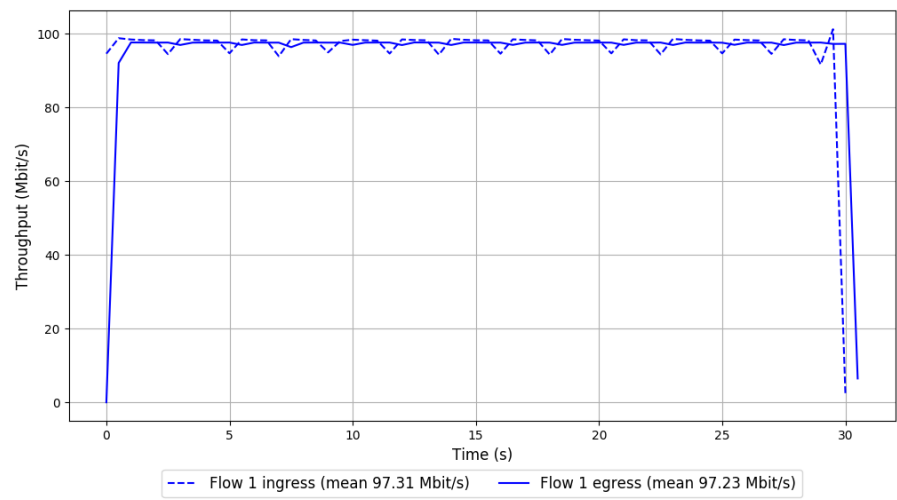
-- Flow 1:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 30.846 ms

Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link

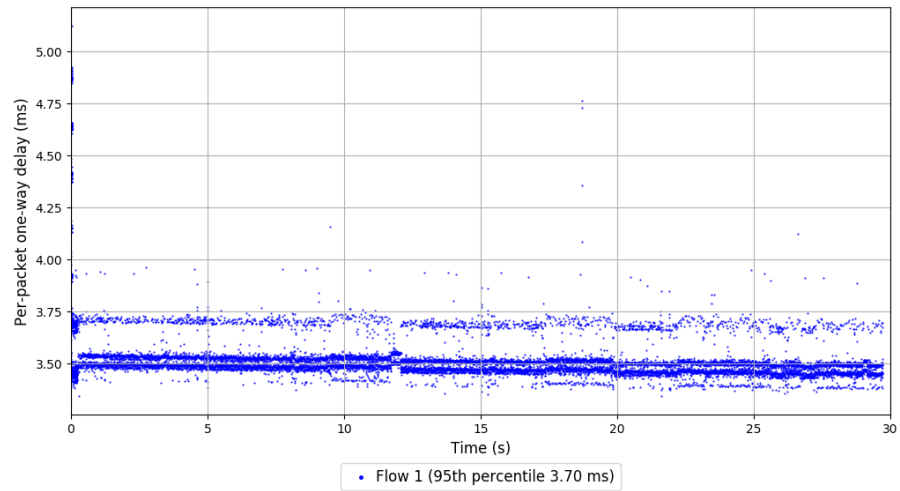
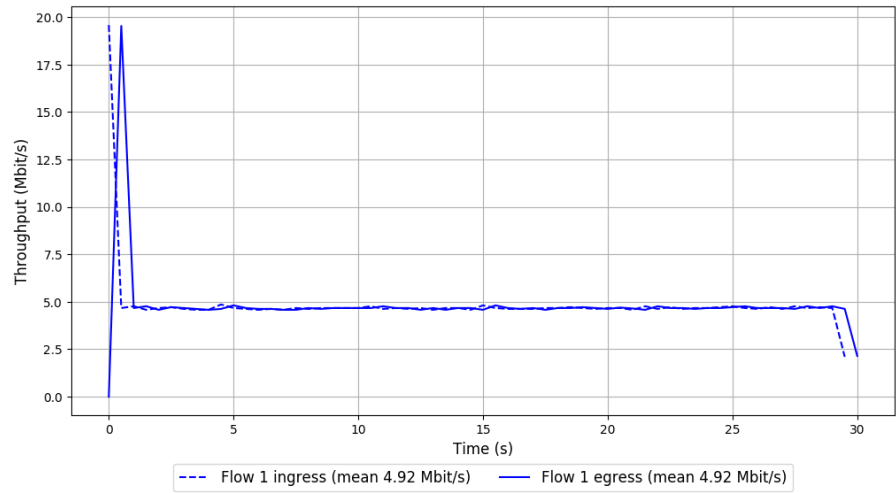


```
Run 1: Statistics of Muses\_DecisionTree

Start at: 2019-07-11 18:49:24
End at: 2019-07-11 18:49:54
Local clock offset: -7.998 ms
Remote clock offset: 0.126 ms

# Below is generated by plot.py at 2019-07-11 20:52:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.92 Mbit/s
95th percentile per-packet one-way delay: 3.702 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.92 Mbit/s
95th percentile per-packet one-way delay: 3.702 ms
Loss rate: 0.00%
```

Run 1: Report of Muses_DecisionTree — Data Link



Run 2: Statistics of Muses_DecisionTree

Start at: 2019-07-11 19:15:59

End at: 2019-07-11 19:16:29

Local clock offset: -9.961 ms

Remote clock offset: 0.193 ms

Below is generated by plot.py at 2019-07-11 20:52:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.96 Mbit/s

95th percentile per-packet one-way delay: 3.691 ms

Loss rate: 0.00%

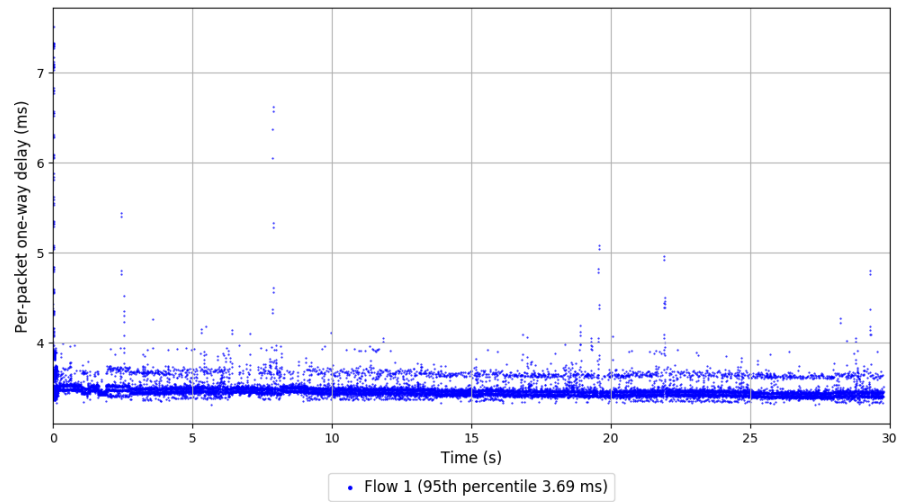
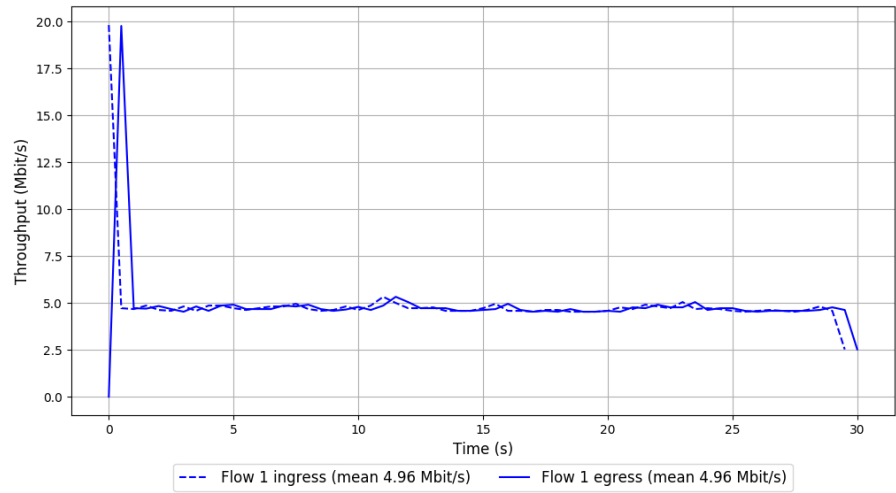
-- Flow 1:

Average throughput: 4.96 Mbit/s

95th percentile per-packet one-way delay: 3.691 ms

Loss rate: 0.00%

Run 2: Report of Muses_DecisionTree — Data Link



Run 3: Statistics of Muses_DecisionTree

Start at: 2019-07-11 19:42:32

End at: 2019-07-11 19:43:02

Local clock offset: -8.126 ms

Remote clock offset: 0.198 ms

Below is generated by plot.py at 2019-07-11 20:52:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.84 Mbit/s

95th percentile per-packet one-way delay: 2.899 ms

Loss rate: 0.00%

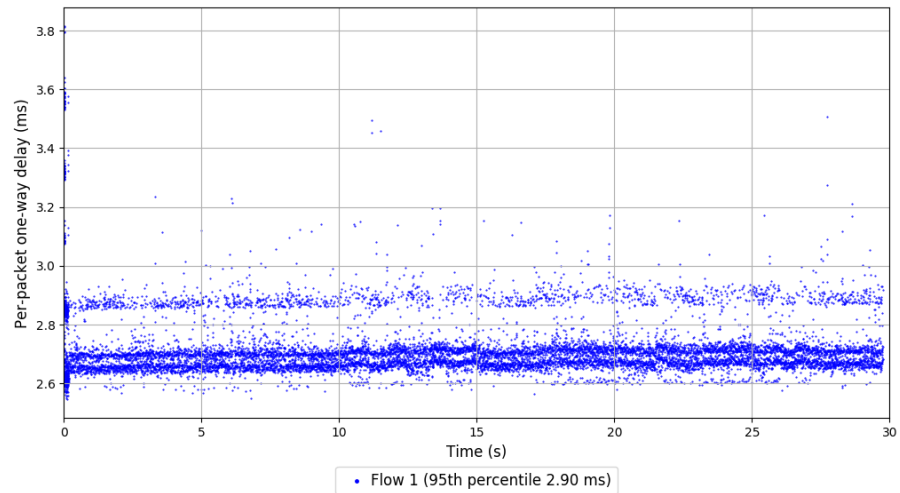
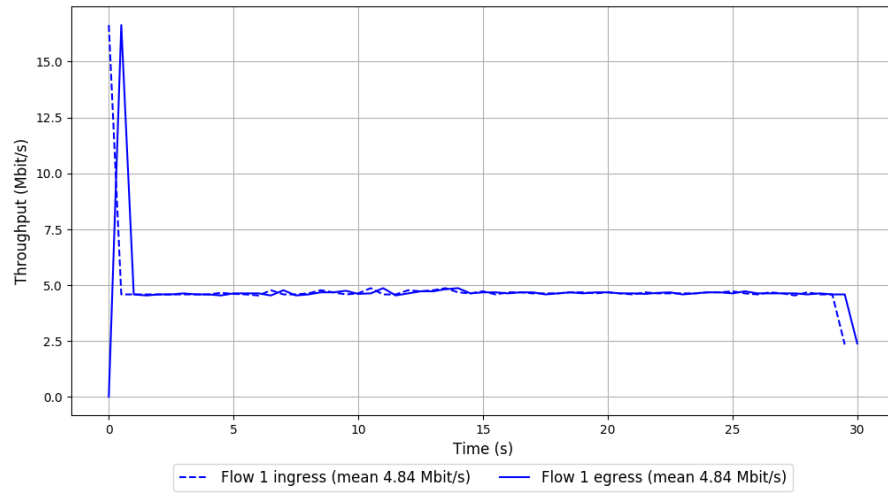
-- Flow 1:

Average throughput: 4.84 Mbit/s

95th percentile per-packet one-way delay: 2.899 ms

Loss rate: 0.00%

Run 3: Report of Muses_DecisionTree — Data Link



Run 4: Statistics of Muses_DecisionTree

Start at: 2019-07-11 20:09:06

End at: 2019-07-11 20:09:36

Local clock offset: -7.52 ms

Remote clock offset: 0.311 ms

Below is generated by plot.py at 2019-07-11 20:52:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.71 Mbit/s

95th percentile per-packet one-way delay: 2.724 ms

Loss rate: 0.00%

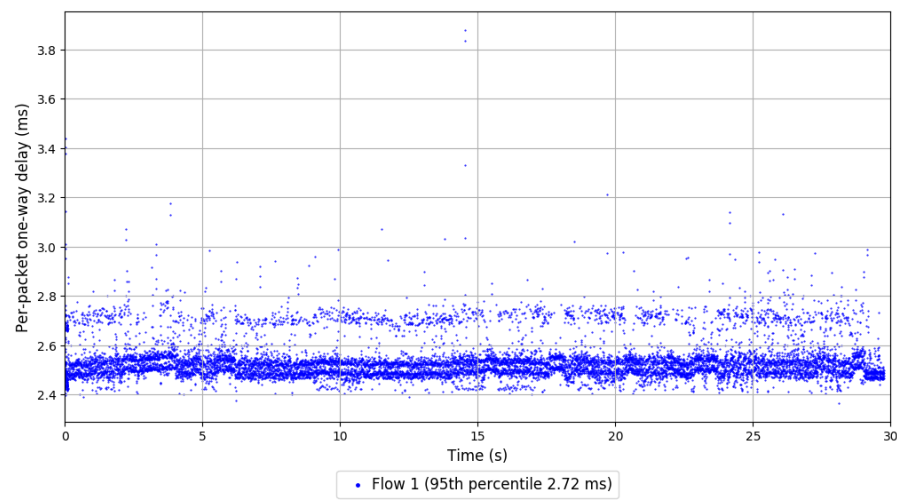
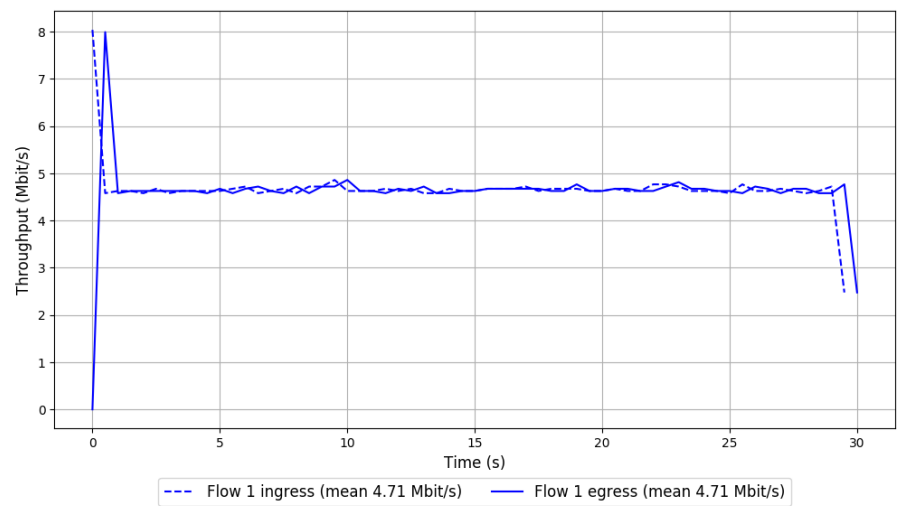
-- Flow 1:

Average throughput: 4.71 Mbit/s

95th percentile per-packet one-way delay: 2.724 ms

Loss rate: 0.00%

Run 4: Report of Muses_DecisionTree — Data Link



Run 5: Statistics of Muses_DecisionTree

Start at: 2019-07-11 20:35:39

End at: 2019-07-11 20:36:09

Local clock offset: -7.498 ms

Remote clock offset: 0.26 ms

Below is generated by plot.py at 2019-07-11 20:52:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.67 Mbit/s

95th percentile per-packet one-way delay: 2.038 ms

Loss rate: 0.00%

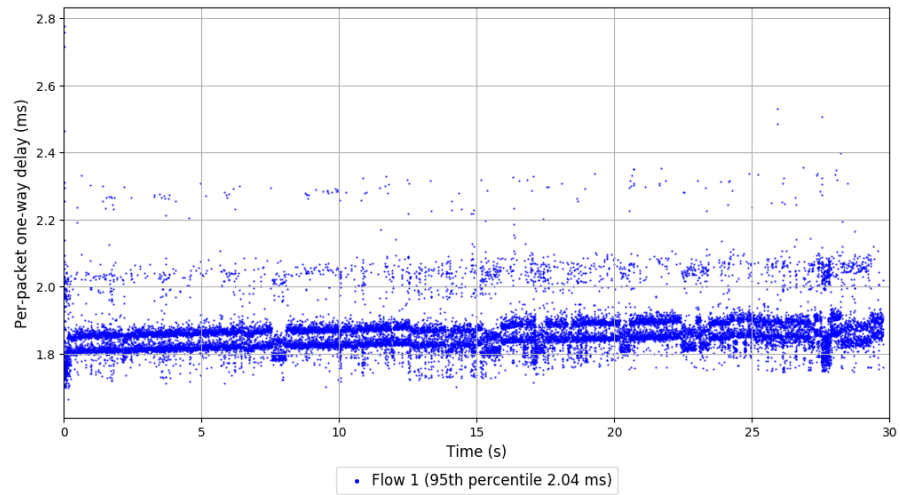
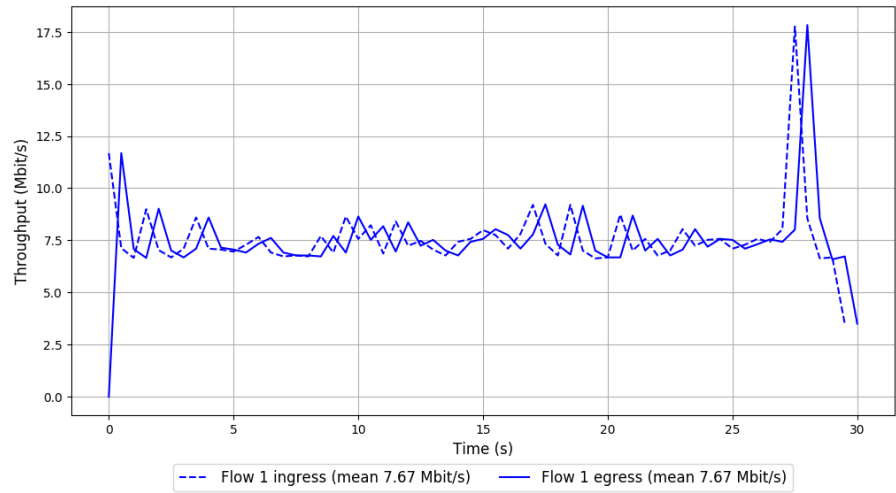
-- Flow 1:

Average throughput: 7.67 Mbit/s

95th percentile per-packet one-way delay: 2.038 ms

Loss rate: 0.00%

Run 5: Report of Muses_DecisionTree — Data Link



Run 1: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-11 18:51:33

End at: 2019-07-11 18:52:03

Local clock offset: -7.974 ms

Remote clock offset: 0.058 ms

Run 1: Report of Muses_DecisionTreeH0 — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-11 19:18:08

End at: 2019-07-11 19:18:38

Local clock offset: -9.218 ms

Remote clock offset: 0.125 ms

Run 2: Report of Muses_DecisionTreeH0 — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-11 19:44:41

End at: 2019-07-11 19:45:11

Local clock offset: -8.623 ms

Remote clock offset: 0.156 ms

Run 3: Report of Muses_DecisionTreeH0 — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-11 20:11:15

End at: 2019-07-11 20:11:45

Local clock offset: -7.494 ms

Remote clock offset: 0.236 ms

Run 4: Report of Muses_DecisionTreeH0 — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-11 20:37:48

End at: 2019-07-11 20:38:18

Local clock offset: -6.471 ms

Remote clock offset: 0.284 ms

Run 5: Report of Muses_DecisionTreeH0 — Data Link

Figure is missing

Figure is missing

Run 1: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-11 18:38:14

End at: 2019-07-11 18:38:44

Local clock offset: -7.974 ms

Remote clock offset: -0.007 ms

Run 1: Report of Muses_DecisionTreeR0 — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-11 19:04:48

End at: 2019-07-11 19:05:18

Local clock offset: -9.128 ms

Remote clock offset: 0.151 ms

Run 2: Report of Muses_DecisionTreeR0 — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-11 19:31:23

End at: 2019-07-11 19:31:53

Local clock offset: -9.831 ms

Remote clock offset: 0.168 ms

Run 3: Report of Muses_DecisionTreeR0 — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-11 19:57:55

End at: 2019-07-11 19:58:25

Local clock offset: -8.455 ms

Remote clock offset: 0.24 ms

Run 4: Report of Muses_DecisionTreeR0 — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-11 20:24:28

End at: 2019-07-11 20:24:58

Local clock offset: -8.543 ms

Remote clock offset: 0.283 ms

Run 5: Report of Muses_DecisionTreeR0 — Data Link

Figure is missing

Figure is missing

Run 1: Statistics of PCC-Allegro

Start at: 2019-07-11 18:37:07

End at: 2019-07-11 18:37:37

Local clock offset: -8.23 ms

Remote clock offset: 0.01 ms

Below is generated by plot.py at 2019-07-11 20:52:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.14 Mbit/s

95th percentile per-packet one-way delay: 4.581 ms

Loss rate: 0.00%

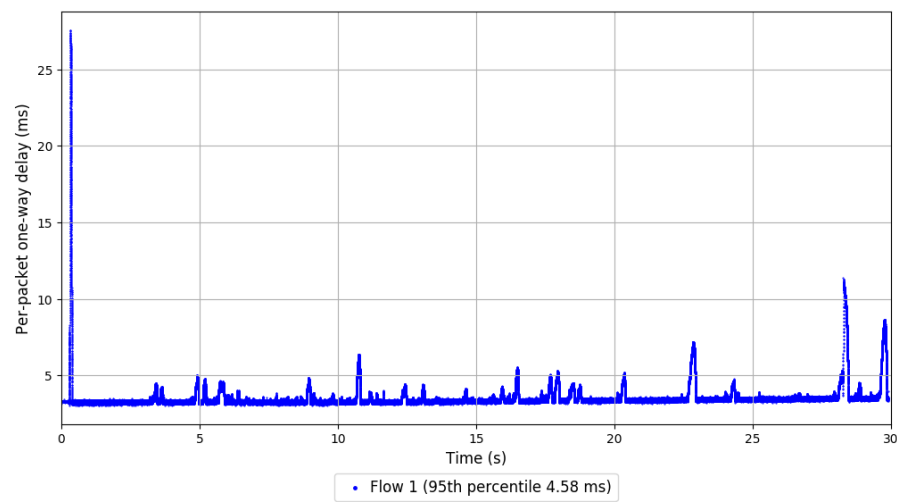
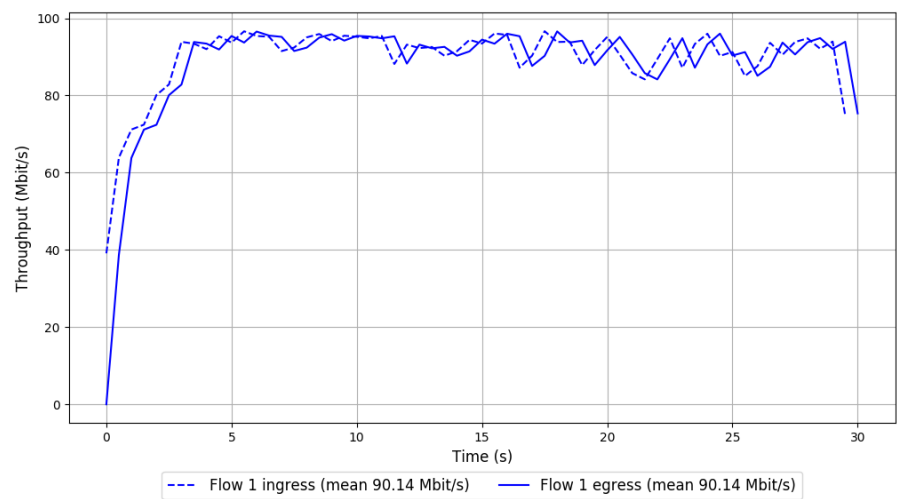
-- Flow 1:

Average throughput: 90.14 Mbit/s

95th percentile per-packet one-way delay: 4.581 ms

Loss rate: 0.00%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-07-11 19:03:41

End at: 2019-07-11 19:04:11

Local clock offset: -8.876 ms

Remote clock offset: 0.095 ms

Below is generated by plot.py at 2019-07-11 20:52:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.62 Mbit/s

95th percentile per-packet one-way delay: 3.854 ms

Loss rate: 0.00%

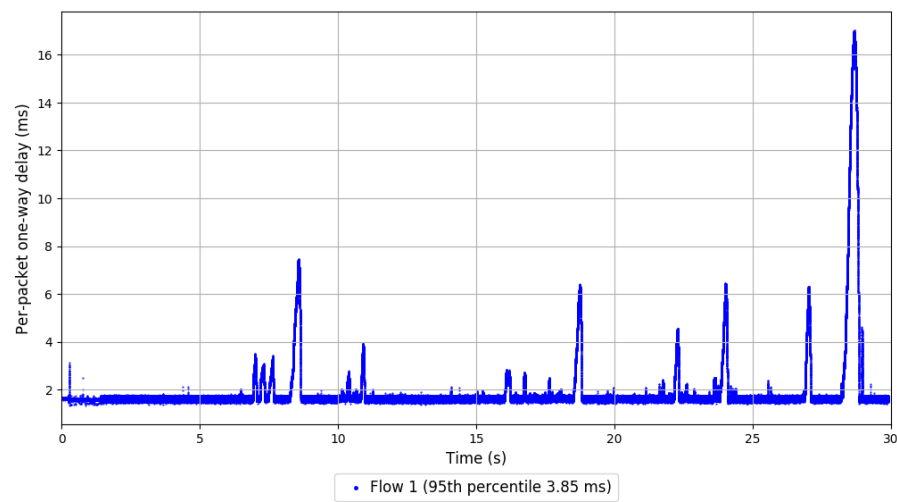
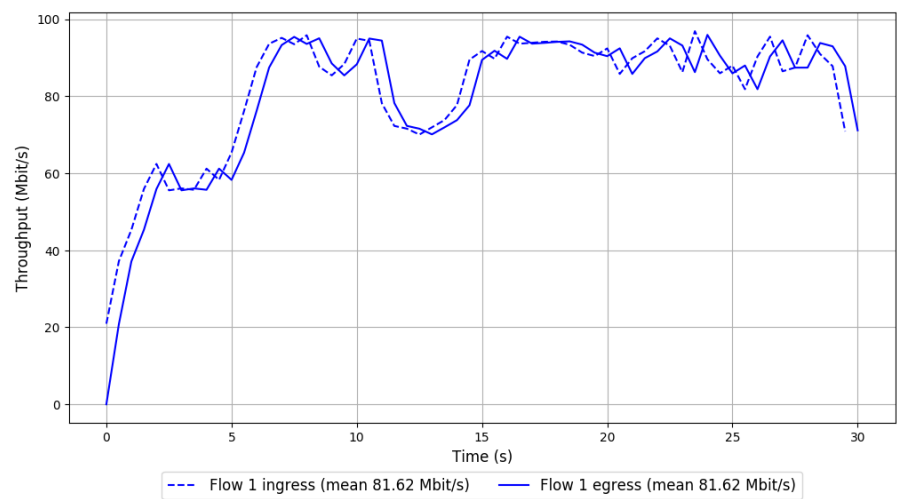
-- Flow 1:

Average throughput: 81.62 Mbit/s

95th percentile per-packet one-way delay: 3.854 ms

Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link

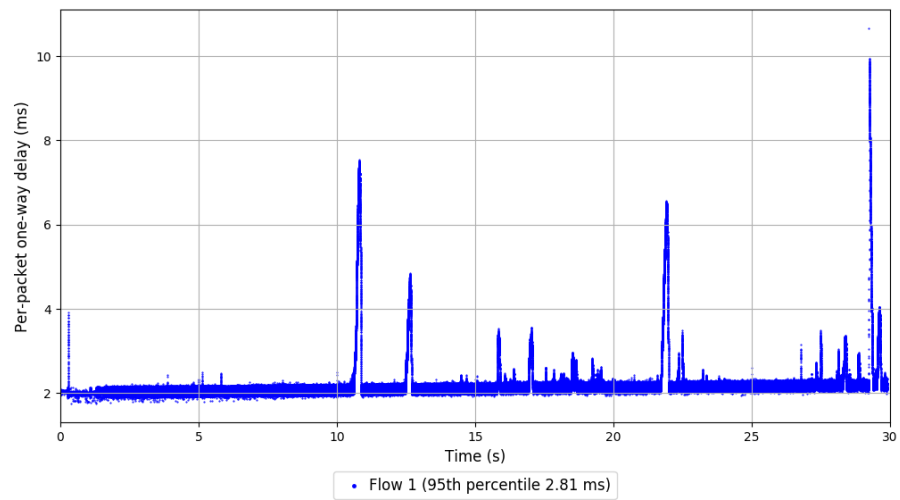
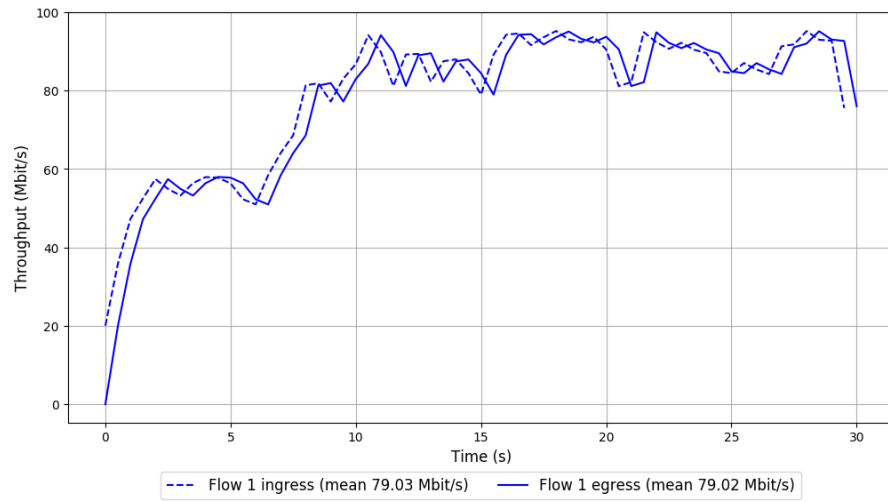


Run 3: Statistics of PCC-Allegro

Start at: 2019-07-11 19:30:16
End at: 2019-07-11 19:30:46
Local clock offset: -11.071 ms
Remote clock offset: 0.156 ms

Below is generated by plot.py at 2019-07-11 20:52:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.02 Mbit/s
95th percentile per-packet one-way delay: 2.807 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.02 Mbit/s
95th percentile per-packet one-way delay: 2.807 ms
Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-07-11 19:56:48

End at: 2019-07-11 19:57:18

Local clock offset: -8.186 ms

Remote clock offset: 0.229 ms

Below is generated by plot.py at 2019-07-11 20:52:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.64 Mbit/s

95th percentile per-packet one-way delay: 3.867 ms

Loss rate: 0.00%

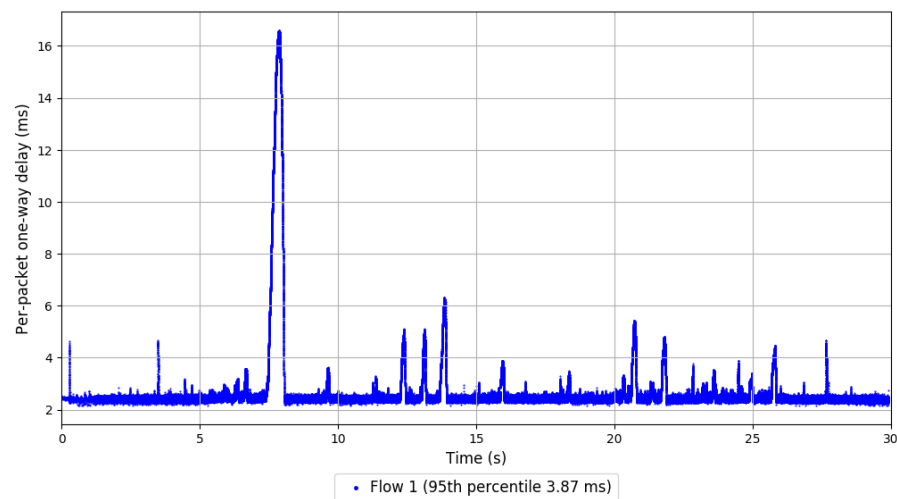
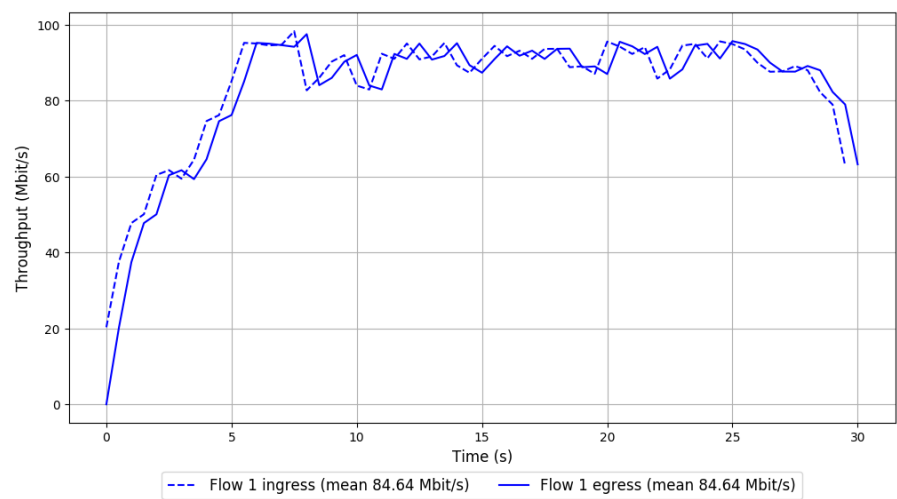
-- Flow 1:

Average throughput: 84.64 Mbit/s

95th percentile per-packet one-way delay: 3.867 ms

Loss rate: 0.00%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-07-11 20:23:21

End at: 2019-07-11 20:23:51

Local clock offset: -7.952 ms

Remote clock offset: 0.217 ms

Below is generated by plot.py at 2019-07-11 20:52:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.28 Mbit/s

95th percentile per-packet one-way delay: 3.983 ms

Loss rate: 0.00%

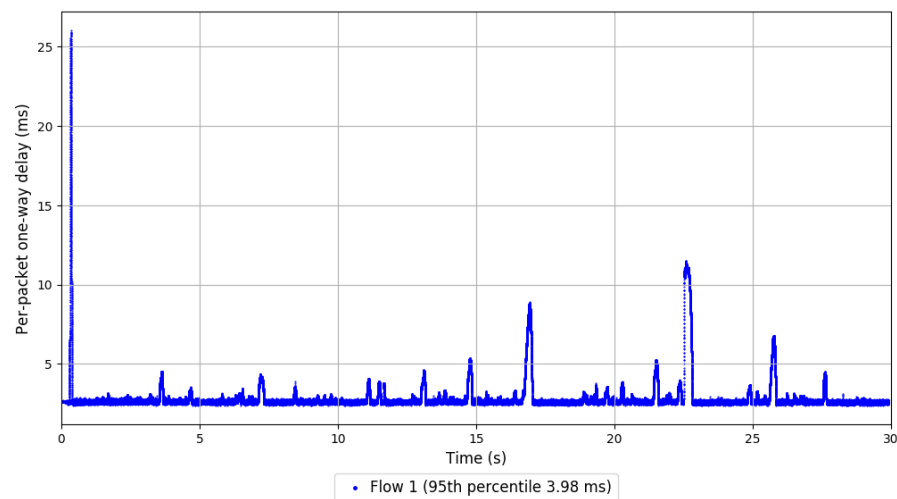
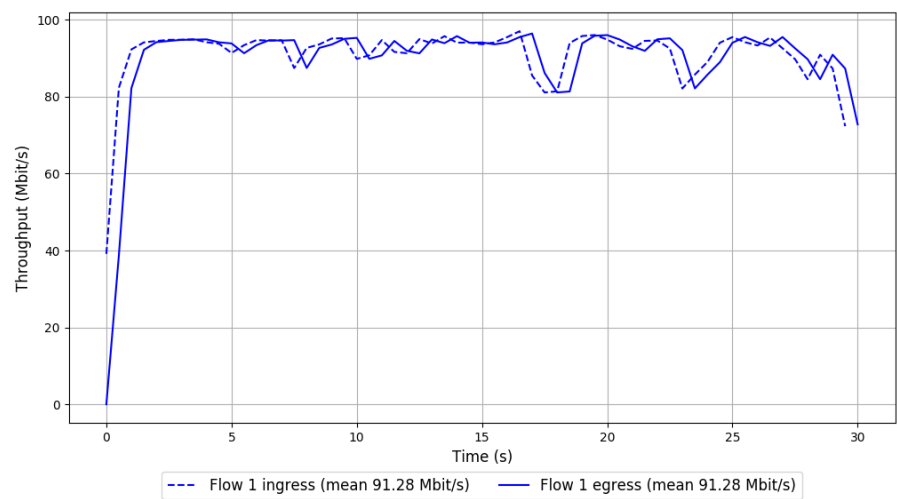
-- Flow 1:

Average throughput: 91.28 Mbit/s

95th percentile per-packet one-way delay: 3.983 ms

Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

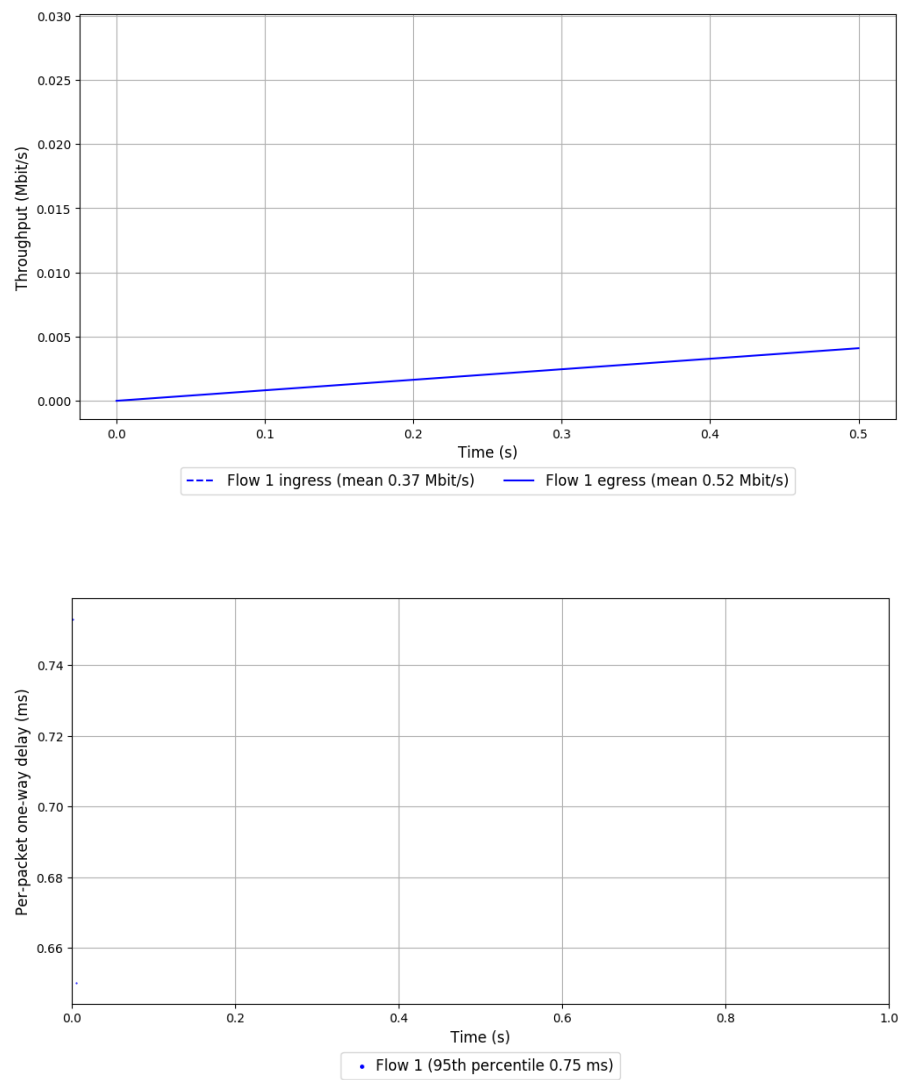
Start at: 2019-07-11 18:32:41

End at: 2019-07-11 18:33:11

Local clock offset: -6.883 ms

Remote clock offset: -0.019 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

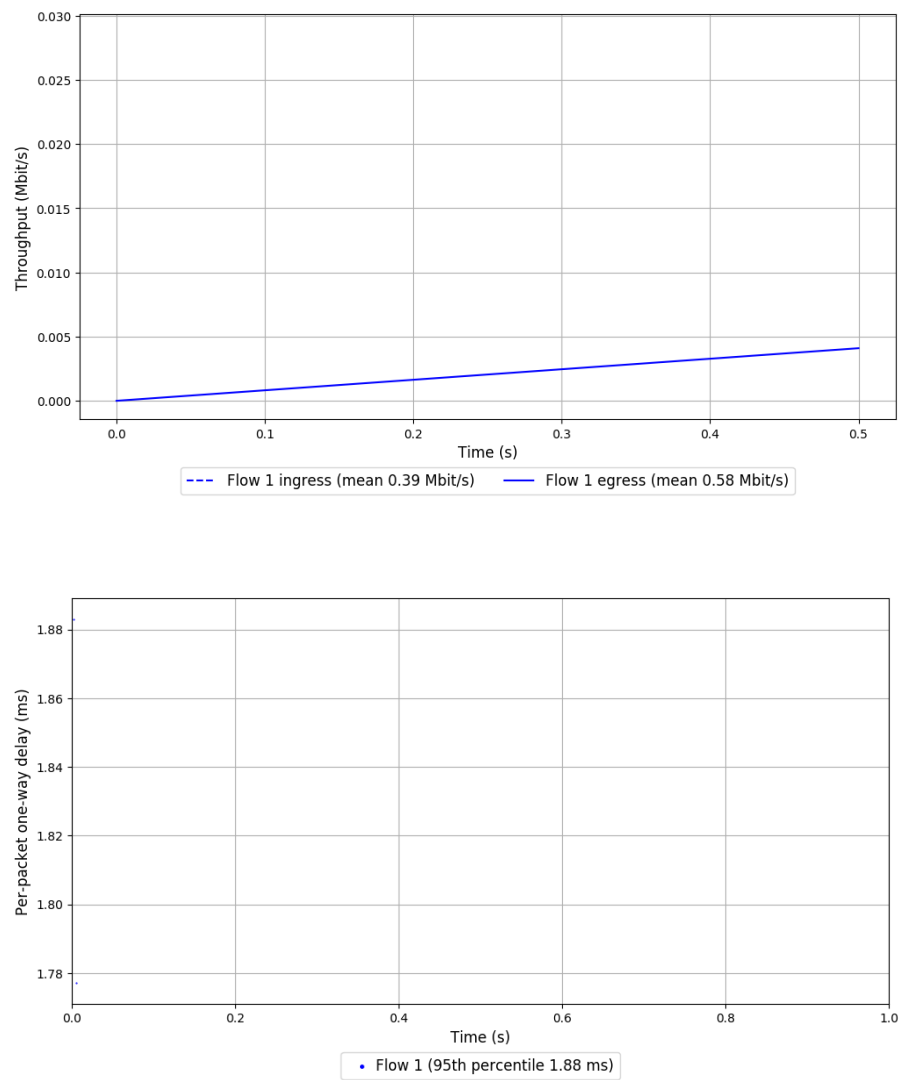
Start at: 2019-07-11 18:59:15

End at: 2019-07-11 18:59:45

Local clock offset: -9.077 ms

Remote clock offset: 0.137 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

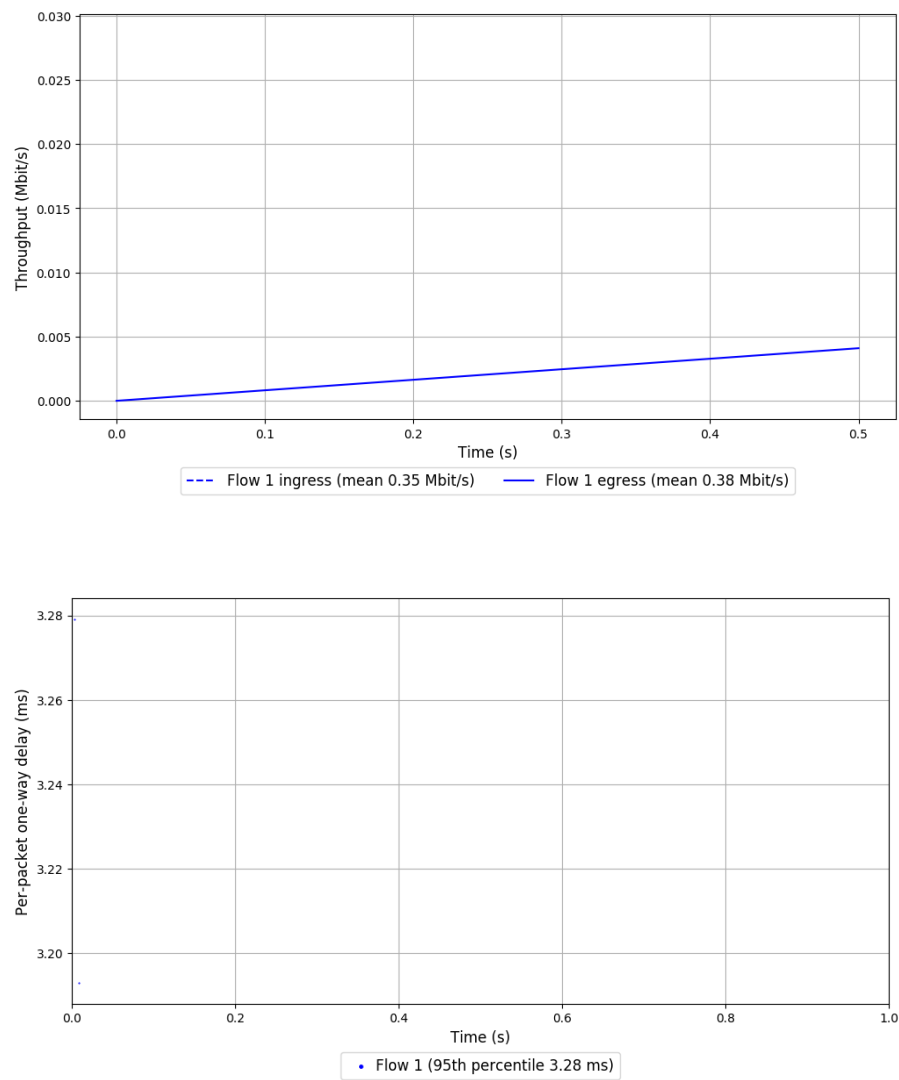
Start at: 2019-07-11 19:25:50

End at: 2019-07-11 19:26:20

Local clock offset: -10.931 ms

Remote clock offset: 0.189 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

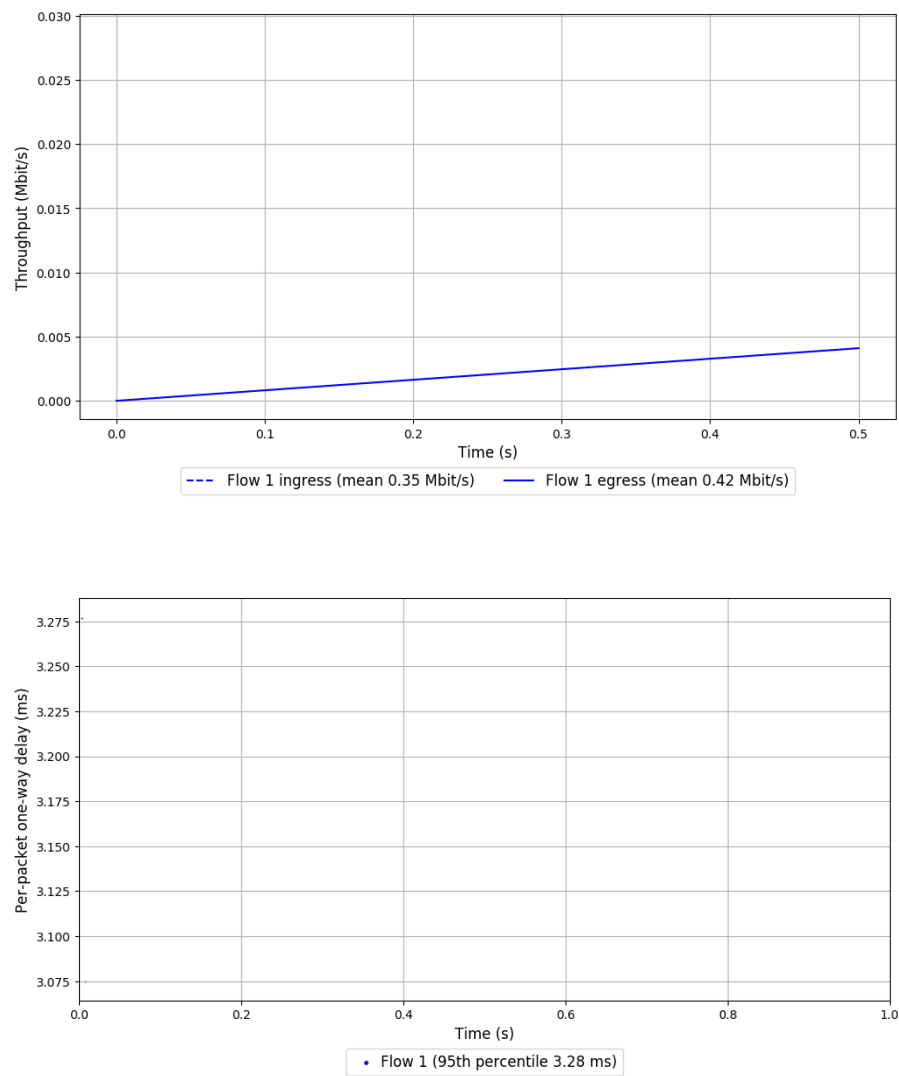
Start at: 2019-07-11 19:52:22

End at: 2019-07-11 19:52:52

Local clock offset: -8.762 ms

Remote clock offset: 0.183 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

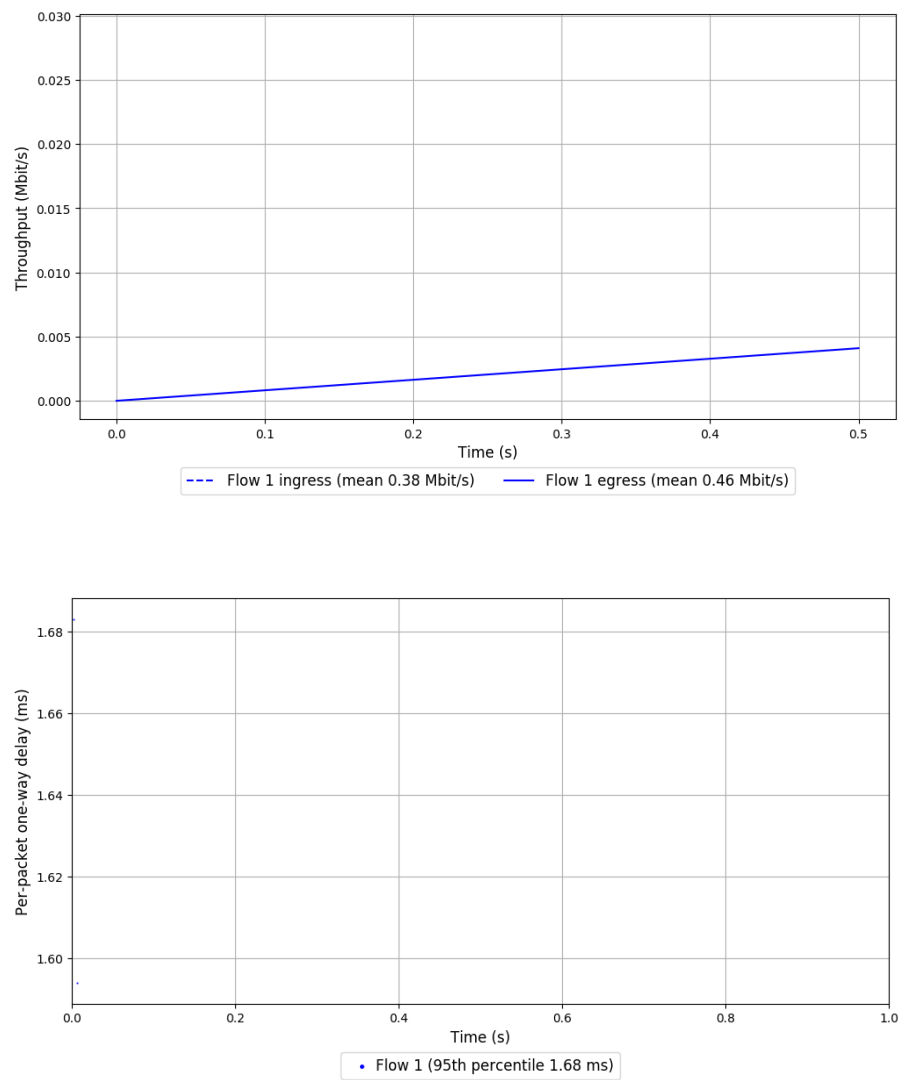
Start at: 2019-07-11 20:18:55

End at: 2019-07-11 20:19:25

Local clock offset: -8.38 ms

Remote clock offset: 0.185 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-07-11 18:55:59

End at: 2019-07-11 18:56:29

Local clock offset: -7.998 ms

Remote clock offset: 0.076 ms

Below is generated by plot.py at 2019-07-11 20:52:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.36 Mbit/s

95th percentile per-packet one-way delay: 3.036 ms

Loss rate: 0.24%

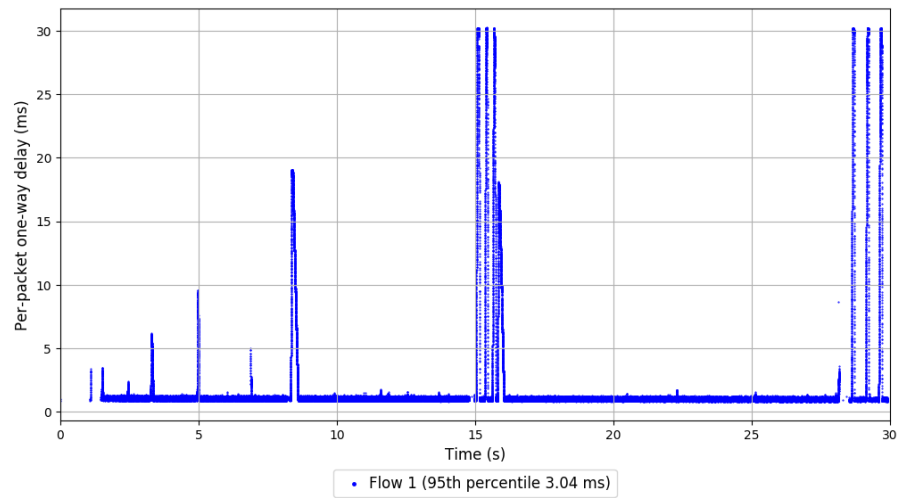
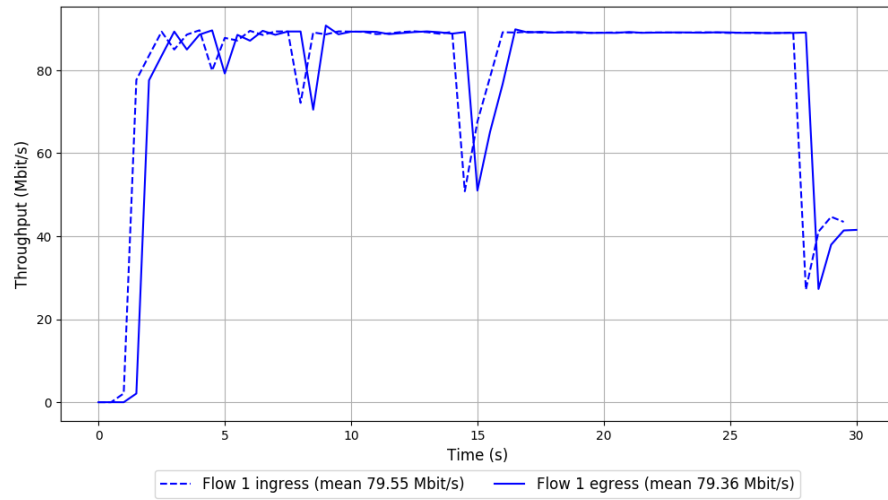
-- Flow 1:

Average throughput: 79.36 Mbit/s

95th percentile per-packet one-way delay: 3.036 ms

Loss rate: 0.24%

Run 1: Report of QUIC Cubic — Data Link

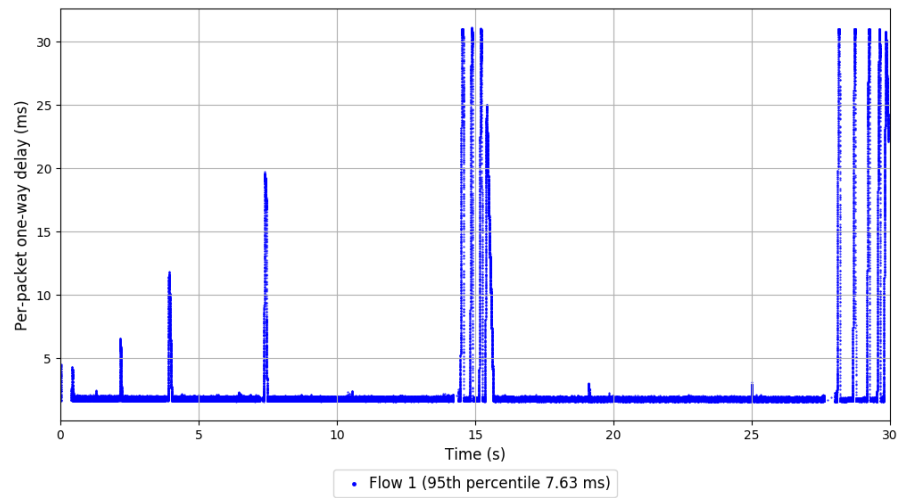
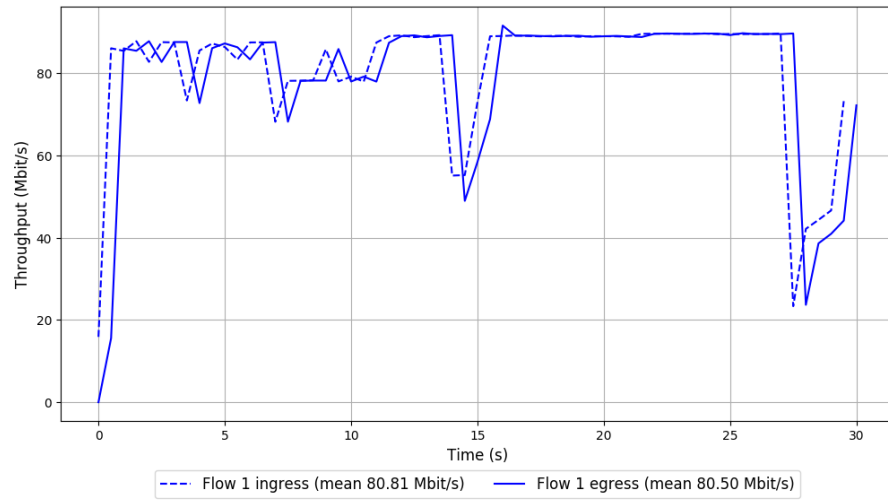


Run 2: Statistics of QUIC Cubic

Start at: 2019-07-11 19:22:34
End at: 2019-07-11 19:23:04
Local clock offset: -10.697 ms
Remote clock offset: 0.129 ms

Below is generated by plot.py at 2019-07-11 20:52:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.50 Mbit/s
95th percentile per-packet one-way delay: 7.627 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 80.50 Mbit/s
95th percentile per-packet one-way delay: 7.627 ms
Loss rate: 0.31%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-07-11 19:49:06

End at: 2019-07-11 19:49:36

Local clock offset: -7.879 ms

Remote clock offset: 0.17 ms

Below is generated by plot.py at 2019-07-11 20:53:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.32 Mbit/s

95th percentile per-packet one-way delay: 3.689 ms

Loss rate: 0.27%

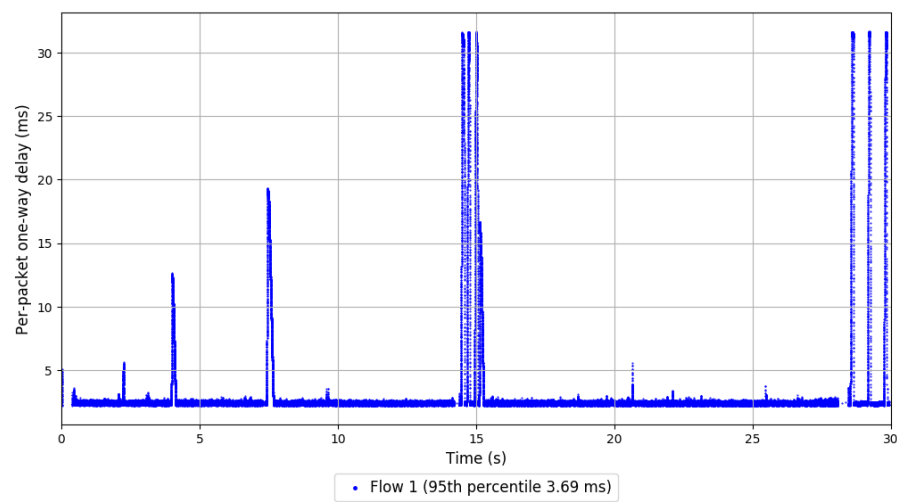
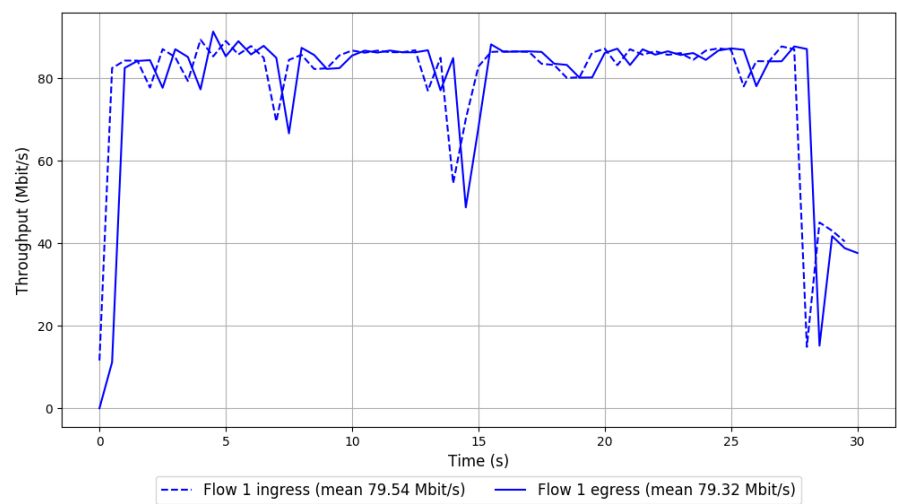
-- Flow 1:

Average throughput: 79.32 Mbit/s

95th percentile per-packet one-way delay: 3.689 ms

Loss rate: 0.27%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-07-11 20:15:39

End at: 2019-07-11 20:16:09

Local clock offset: -7.759 ms

Remote clock offset: 0.297 ms

Below is generated by plot.py at 2019-07-11 20:53:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.38 Mbit/s

95th percentile per-packet one-way delay: 2.632 ms

Loss rate: 0.29%

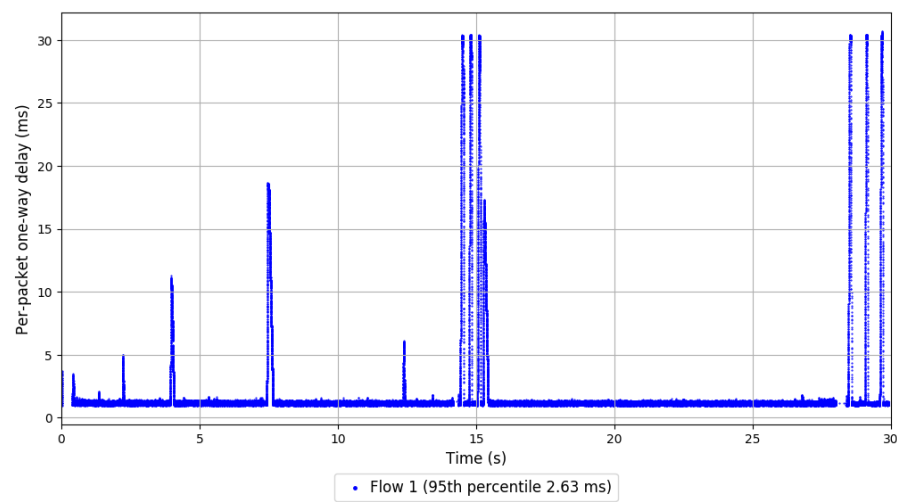
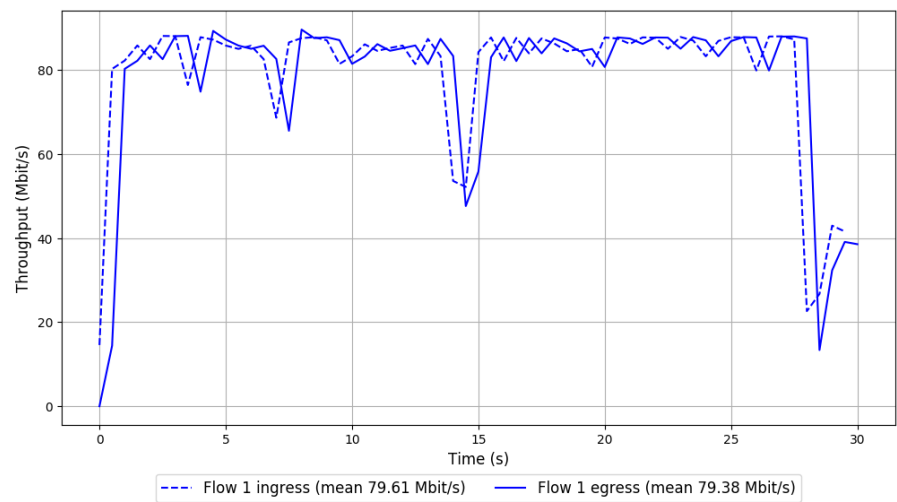
-- Flow 1:

Average throughput: 79.38 Mbit/s

95th percentile per-packet one-way delay: 2.632 ms

Loss rate: 0.29%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-07-11 20:42:14

End at: 2019-07-11 20:42:44

Local clock offset: -6.868 ms

Remote clock offset: 0.257 ms

Below is generated by plot.py at 2019-07-11 20:53:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.16 Mbit/s

95th percentile per-packet one-way delay: 3.036 ms

Loss rate: 0.25%

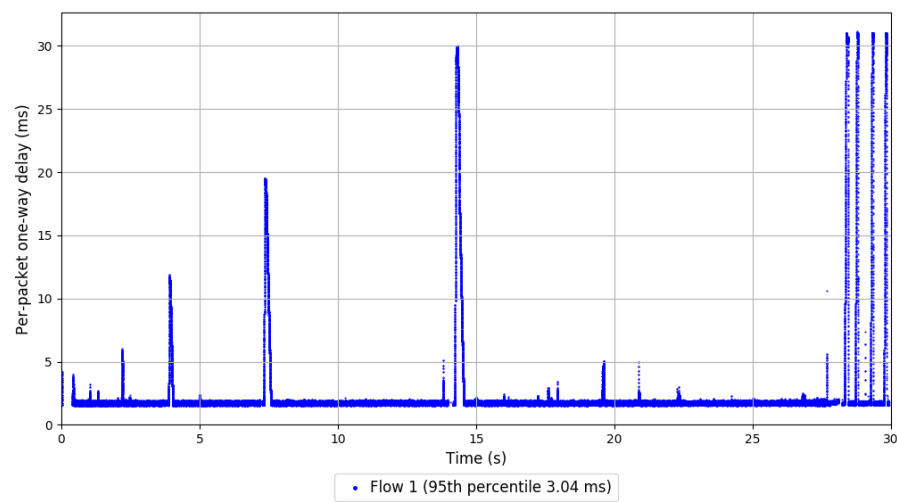
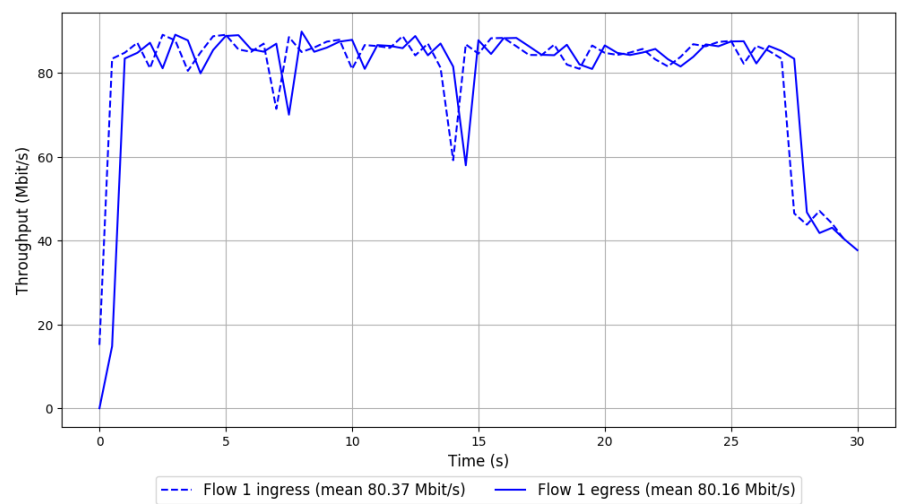
-- Flow 1:

Average throughput: 80.16 Mbit/s

95th percentile per-packet one-way delay: 3.036 ms

Loss rate: 0.25%

Run 5: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2019-07-11 18:31:37

End at: 2019-07-11 18:32:07

Local clock offset: -6.956 ms

Remote clock offset: 0.028 ms

Below is generated by plot.py at 2019-07-11 20:53:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.702 ms

Loss rate: 0.00%

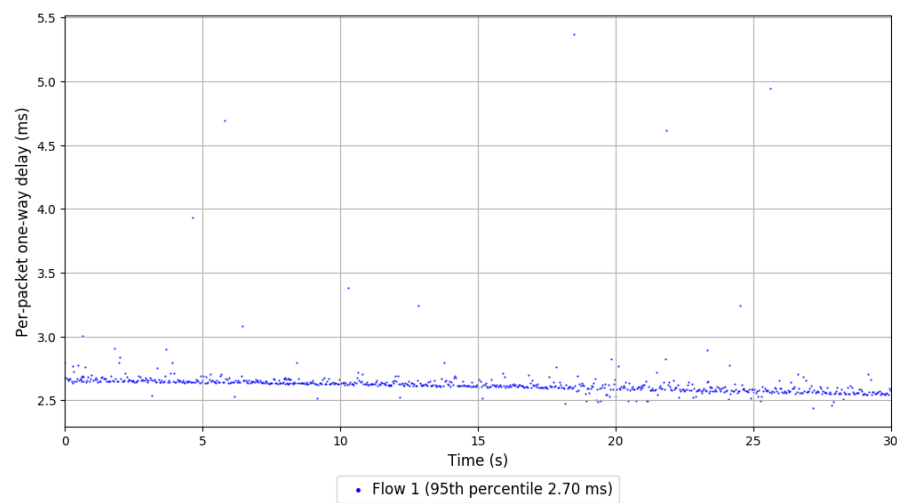
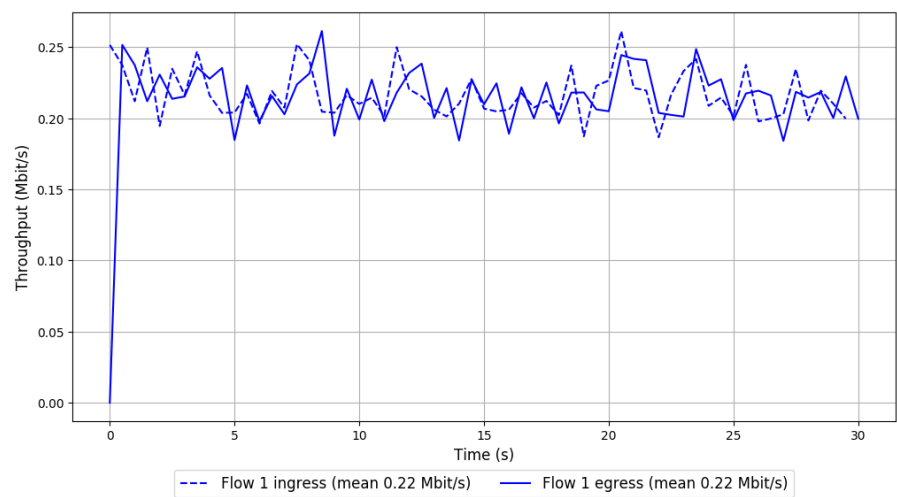
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.702 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-07-11 18:58:11

End at: 2019-07-11 18:58:41

Local clock offset: -8.33 ms

Remote clock offset: 0.054 ms

Below is generated by plot.py at 2019-07-11 20:53:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 0.999 ms

Loss rate: 0.00%

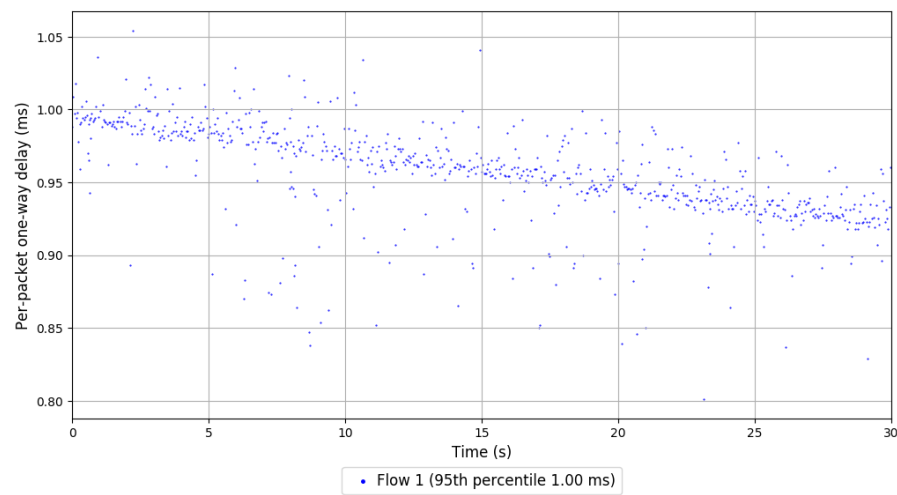
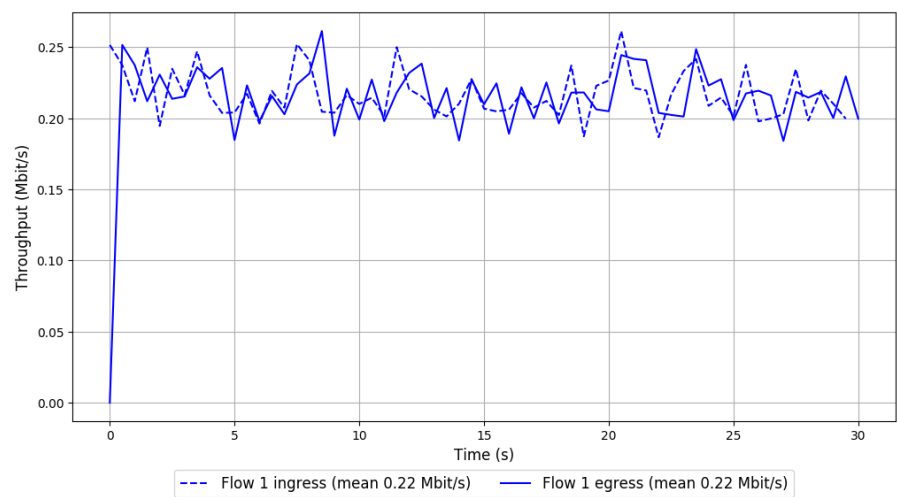
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 0.999 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

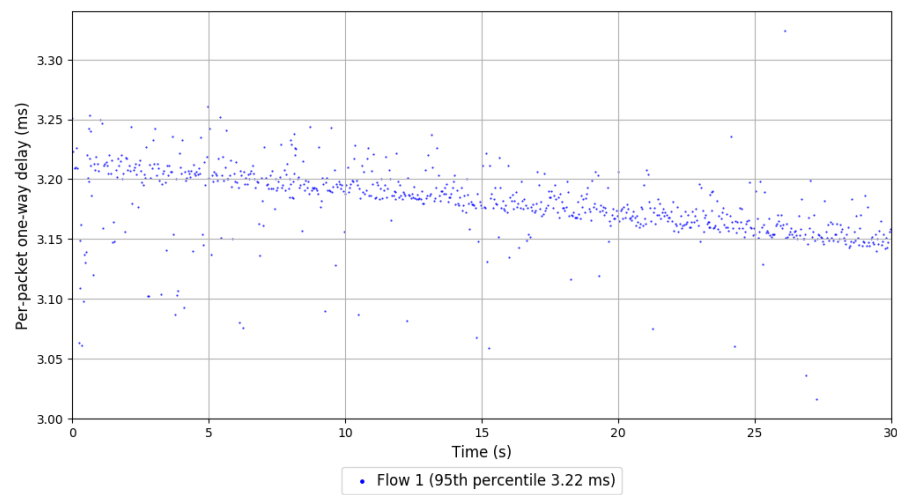
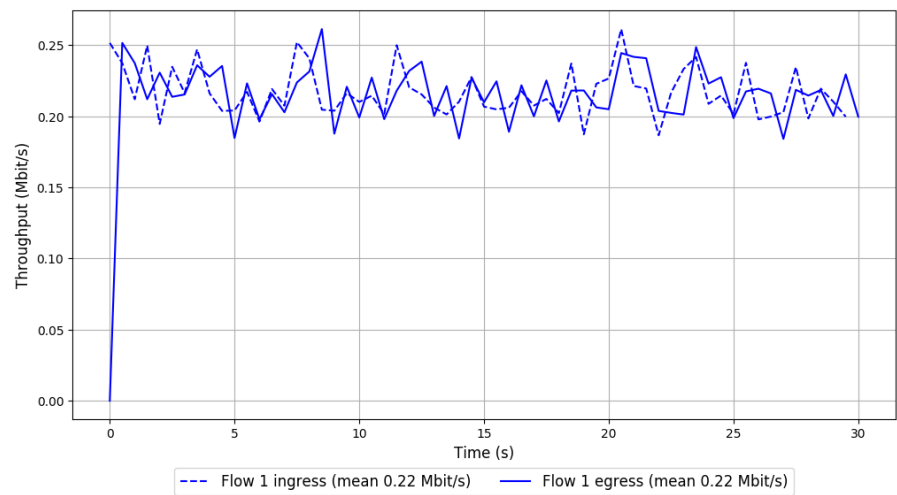


Run 3: Statistics of SCReAM

Start at: 2019-07-11 19:24:46
End at: 2019-07-11 19:25:16
Local clock offset: -10.749 ms
Remote clock offset: 0.238 ms

Below is generated by plot.py at 2019-07-11 20:53:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.221 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.221 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

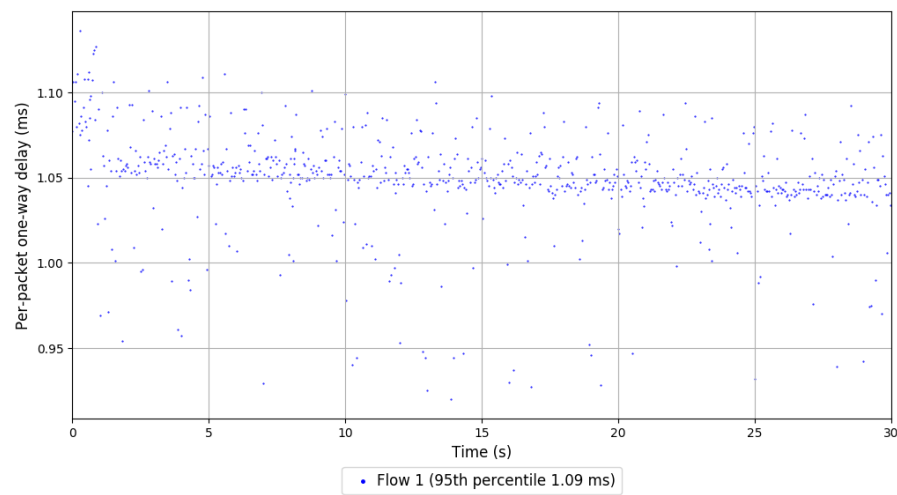
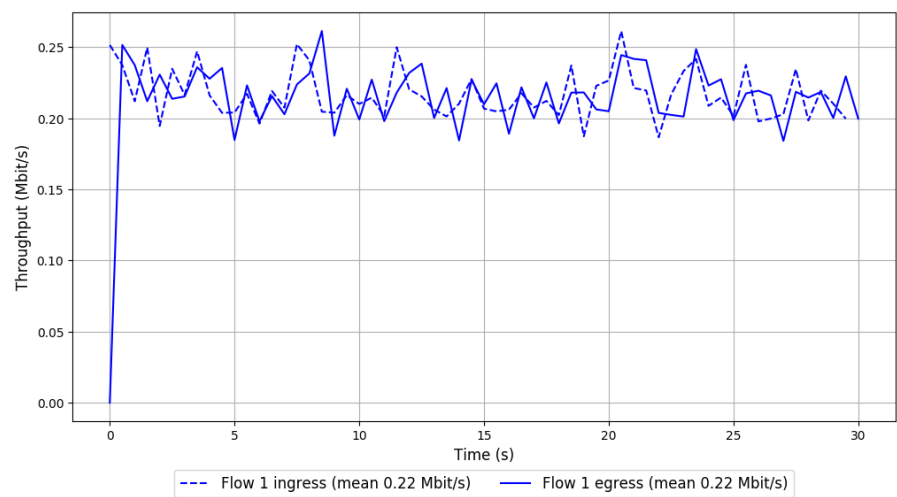


Run 4: Statistics of SCReAM

Start at: 2019-07-11 19:51:18
End at: 2019-07-11 19:51:48
Local clock offset: -8.145 ms
Remote clock offset: 0.218 ms

Below is generated by plot.py at 2019-07-11 20:53:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.090 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.090 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-07-11 20:17:51

End at: 2019-07-11 20:18:21

Local clock offset: -8.353 ms

Remote clock offset: 0.233 ms

Below is generated by plot.py at 2019-07-11 20:53:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.187 ms

Loss rate: 0.00%

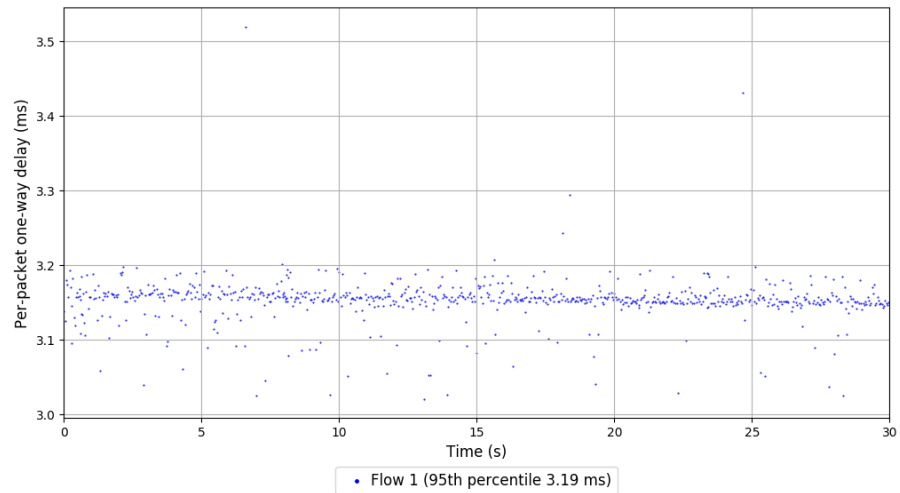
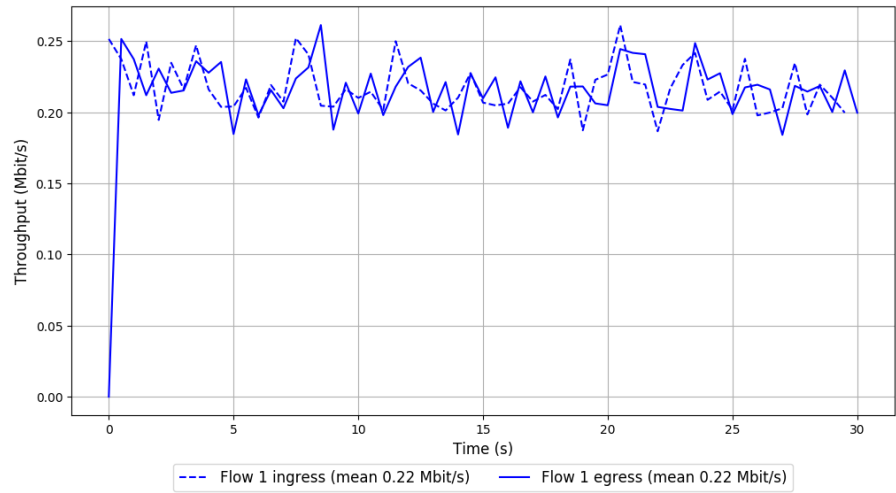
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.187 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-07-11 18:47:14

End at: 2019-07-11 18:47:44

Local clock offset: -7.544 ms

Remote clock offset: 0.006 ms

Below is generated by plot.py at 2019-07-11 20:53:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.36 Mbit/s

95th percentile per-packet one-way delay: 10.993 ms

Loss rate: 0.00%

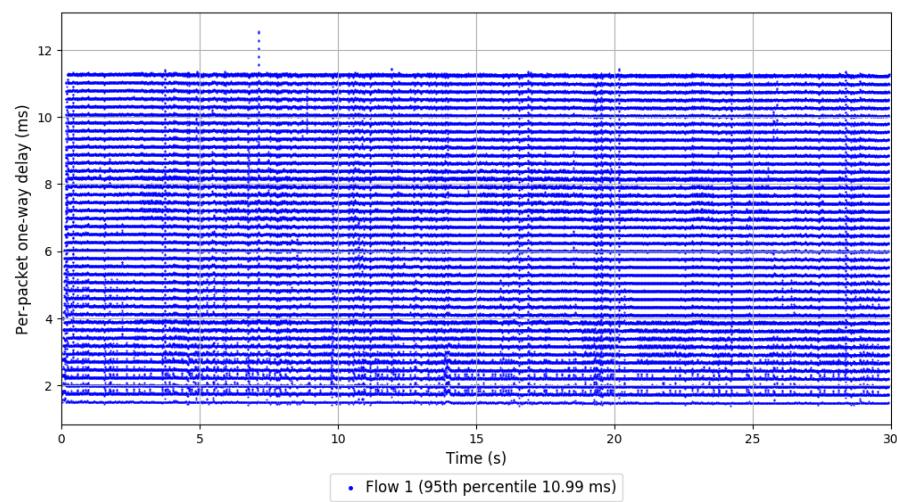
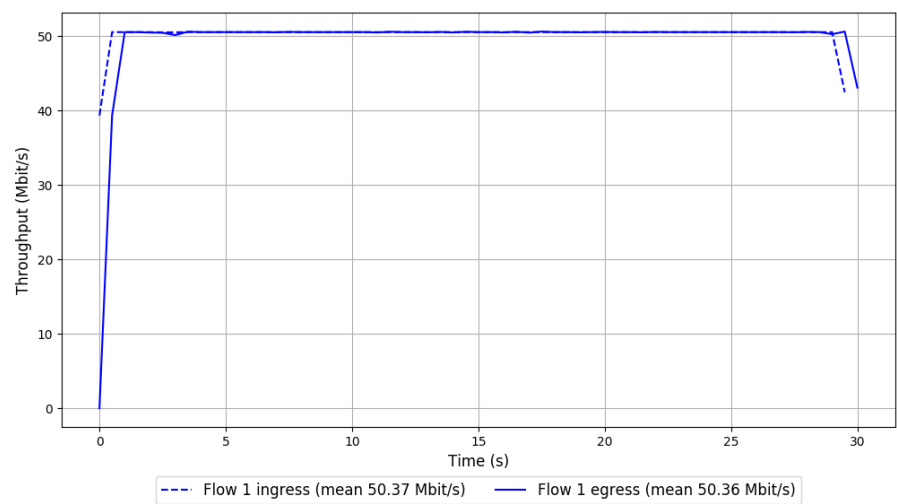
-- Flow 1:

Average throughput: 50.36 Mbit/s

95th percentile per-packet one-way delay: 10.993 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2019-07-11 19:13:49

End at: 2019-07-11 19:14:19

Local clock offset: -9.71 ms

Remote clock offset: 0.176 ms

Below is generated by plot.py at 2019-07-11 20:53:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.44 Mbit/s

95th percentile per-packet one-way delay: 12.835 ms

Loss rate: 0.00%

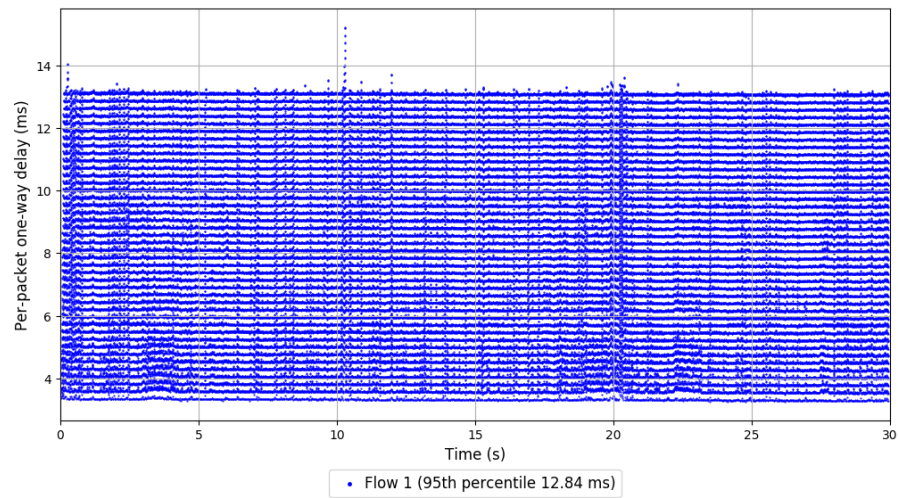
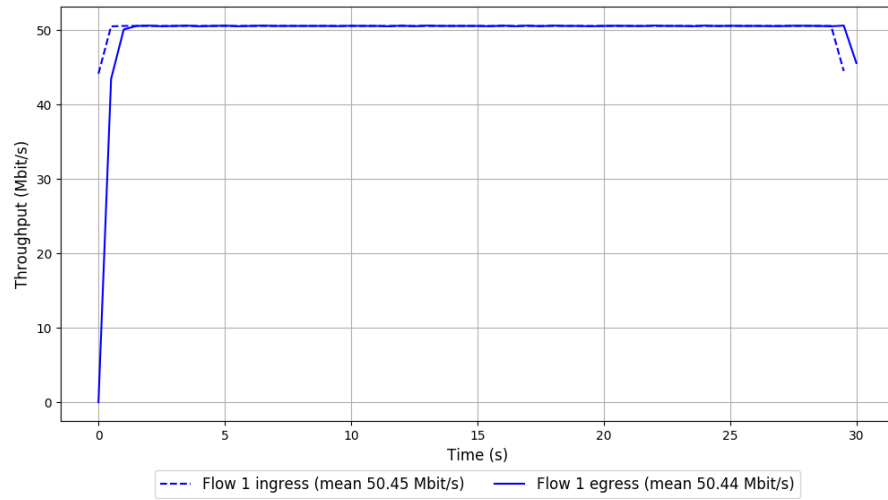
-- Flow 1:

Average throughput: 50.44 Mbit/s

95th percentile per-packet one-way delay: 12.835 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

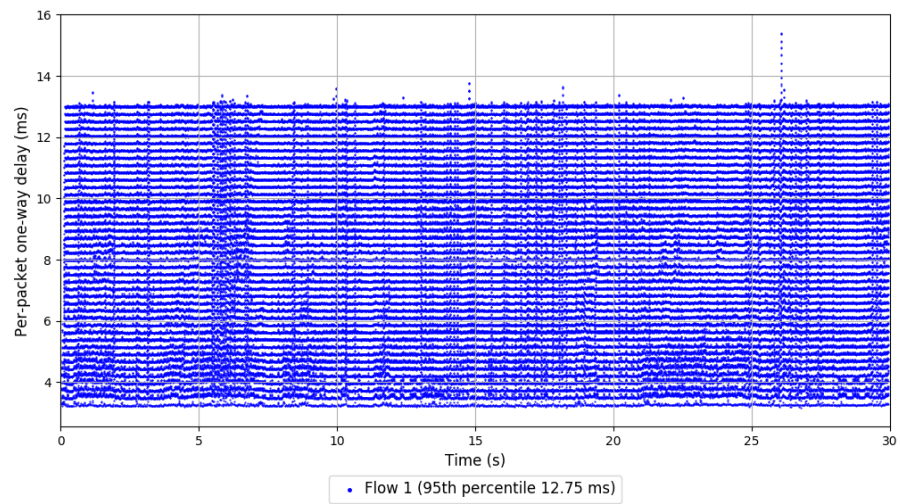
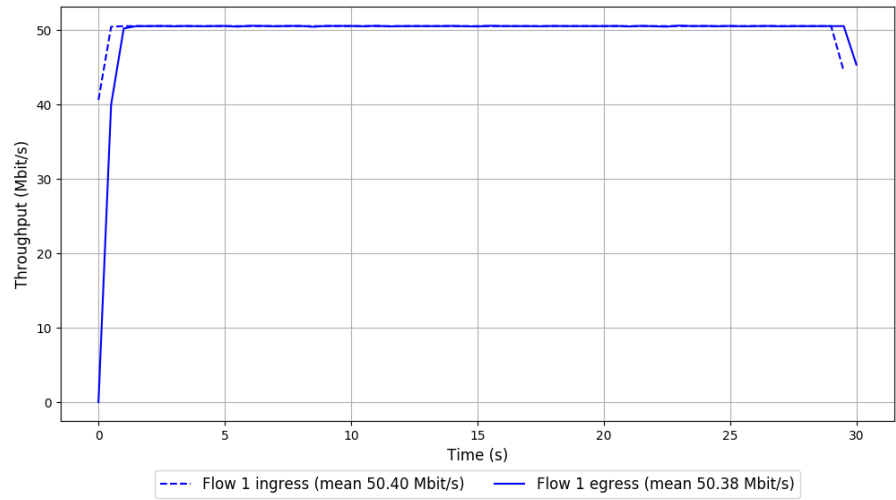


Run 3: Statistics of Sprout

Start at: 2019-07-11 19:40:22
End at: 2019-07-11 19:40:52
Local clock offset: -8.81 ms
Remote clock offset: 0.252 ms

Below is generated by plot.py at 2019-07-11 20:53:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.38 Mbit/s
95th percentile per-packet one-way delay: 12.753 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.38 Mbit/s
95th percentile per-packet one-way delay: 12.753 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-07-11 20:06:56

End at: 2019-07-11 20:07:26

Local clock offset: -8.384 ms

Remote clock offset: 0.234 ms

Below is generated by plot.py at 2019-07-11 20:53:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.33 Mbit/s

95th percentile per-packet one-way delay: 12.669 ms

Loss rate: 0.00%

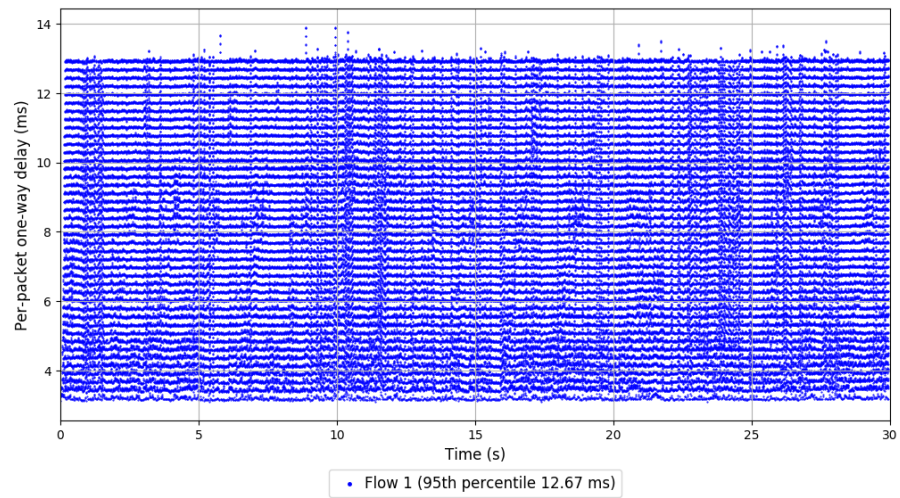
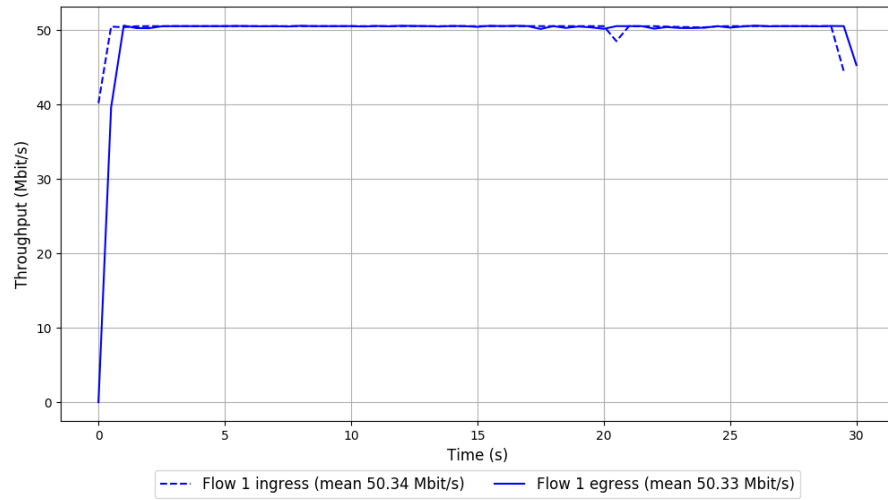
-- Flow 1:

Average throughput: 50.33 Mbit/s

95th percentile per-packet one-way delay: 12.669 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

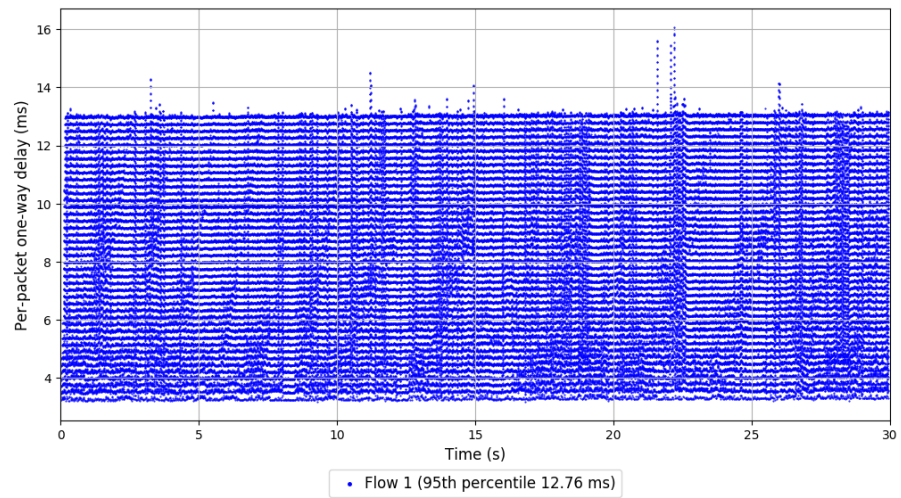
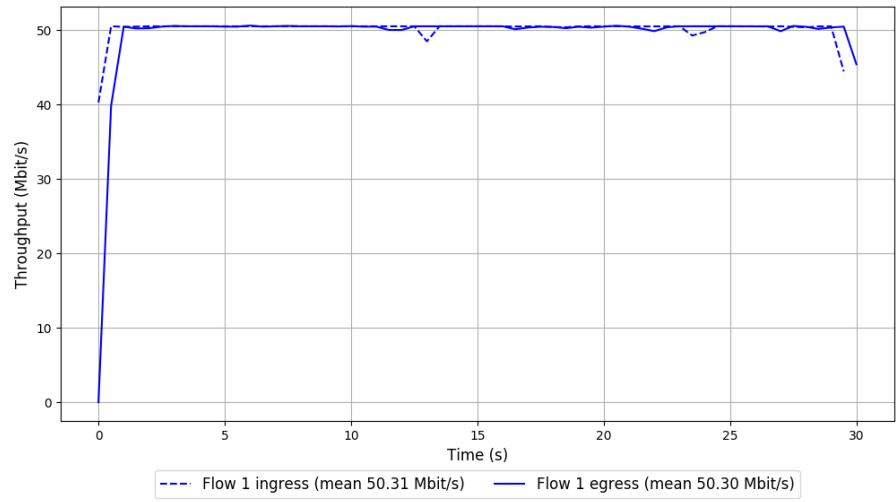


Run 5: Statistics of Sprout

Start at: 2019-07-11 20:33:29
End at: 2019-07-11 20:33:59
Local clock offset: -7.732 ms
Remote clock offset: 0.279 ms

Below is generated by plot.py at 2019-07-11 20:53:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 12.759 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 12.759 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

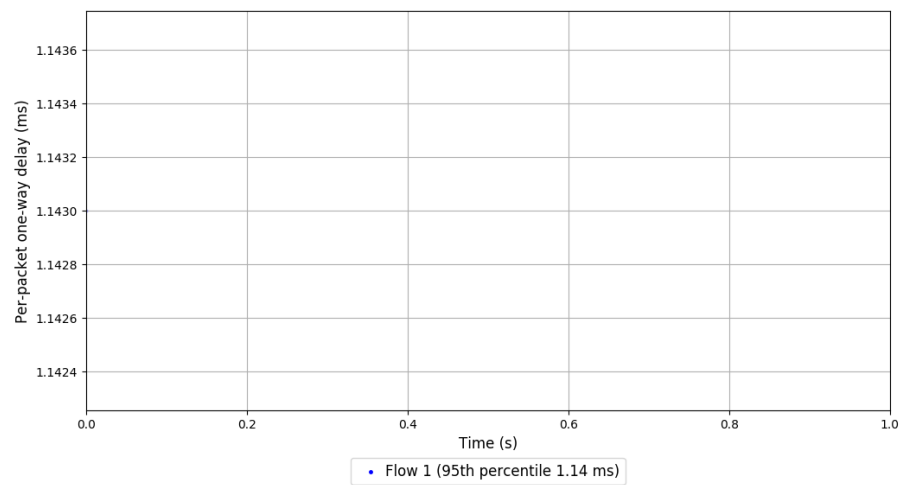
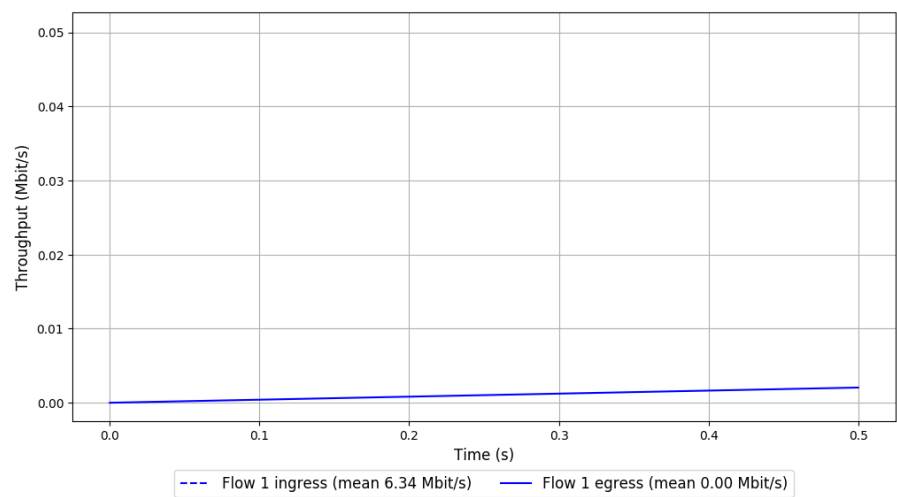
Start at: 2019-07-11 18:48:20

End at: 2019-07-11 18:48:50

Local clock offset: -7.056 ms

Remote clock offset: 0.06 ms

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



Run 2: Statistics of TaoVA-100x

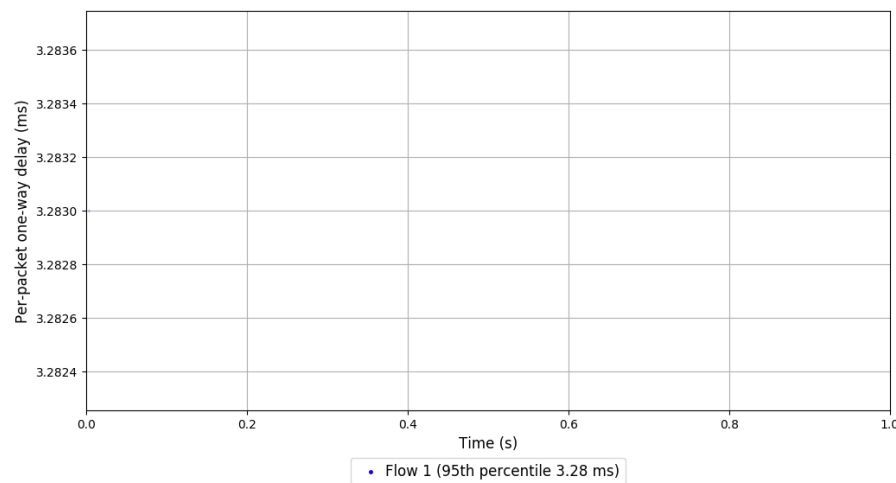
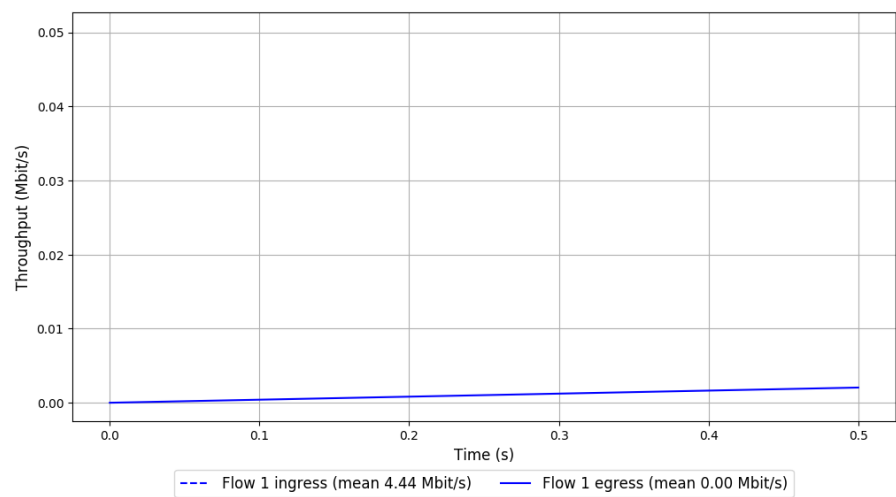
Start at: 2019-07-11 19:14:54

End at: 2019-07-11 19:15:25

Local clock offset: -9.621 ms

Remote clock offset: 0.123 ms

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



Run 3: Statistics of TaoVA-100x

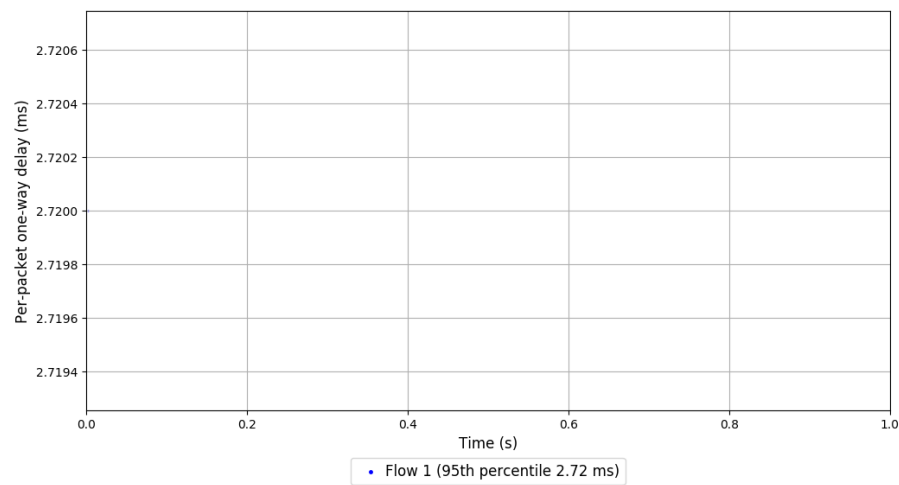
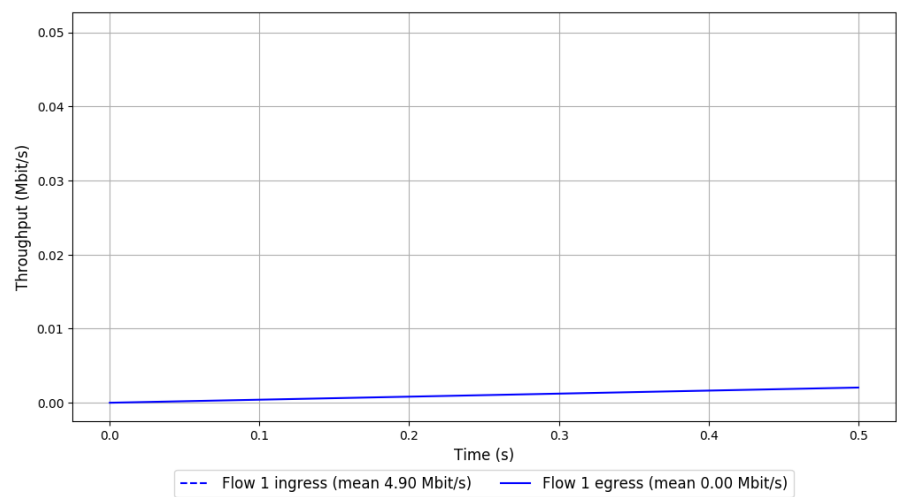
Start at: 2019-07-11 19:41:27

End at: 2019-07-11 19:41:57

Local clock offset: -8.175 ms

Remote clock offset: 0.153 ms

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



Run 4: Statistics of TaoVA-100x

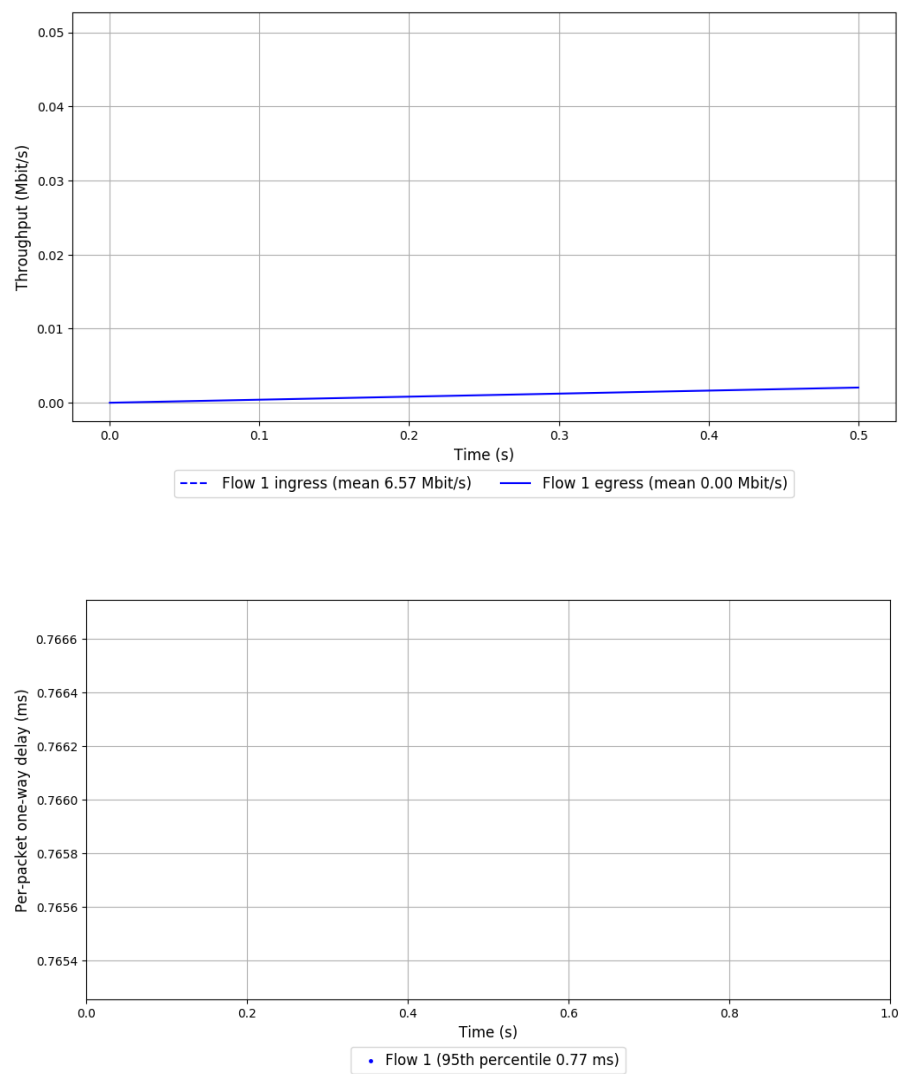
Start at: 2019-07-11 20:08:01

End at: 2019-07-11 20:08:31

Local clock offset: -7.535 ms

Remote clock offset: 0.281 ms

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



Run 5: Statistics of TaoVA-100x

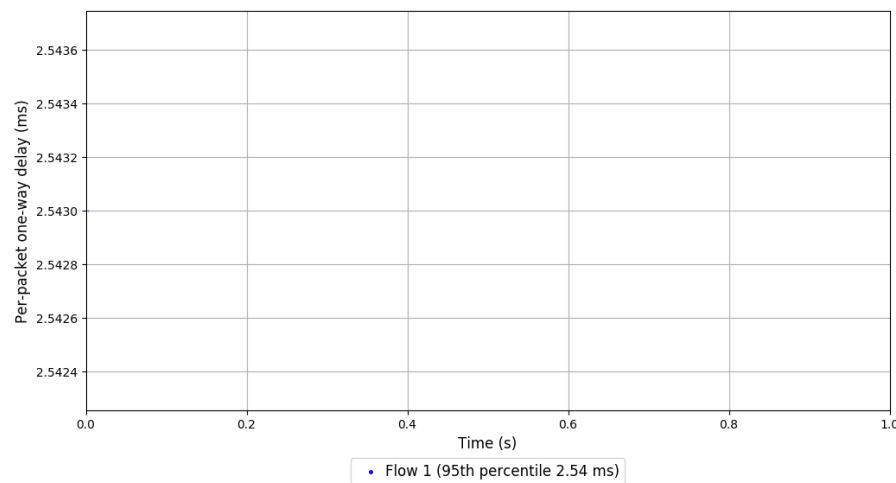
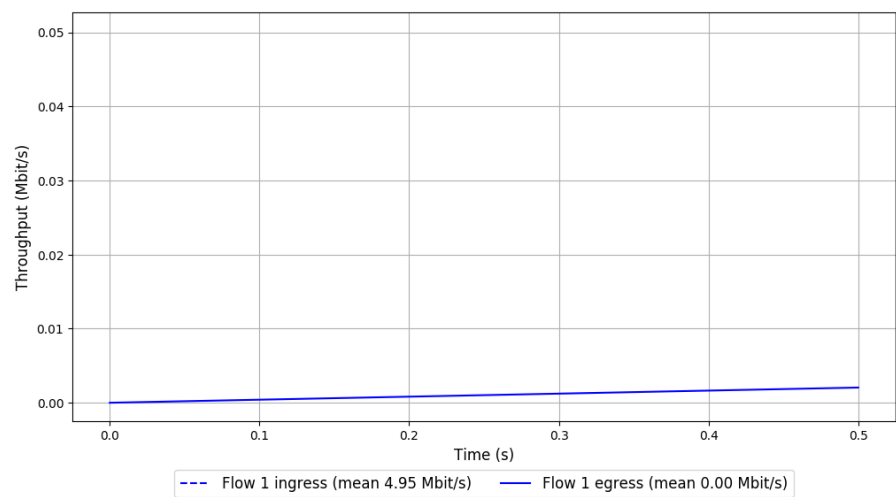
Start at: 2019-07-11 20:34:35

End at: 2019-07-11 20:35:05

Local clock offset: -6.808 ms

Remote clock offset: 0.275 ms

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



Run 1: Statistics of TCP Vegas

Start at: 2019-07-11 18:33:46

End at: 2019-07-11 18:34:16

Local clock offset: -6.931 ms

Remote clock offset: 0.053 ms

Run 1: Report of TCP Vegas — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of TCP Vegas

Start at: 2019-07-11 19:00:20

End at: 2019-07-11 19:00:50

Local clock offset: -8.146 ms

Remote clock offset: 0.114 ms

Run 2: Report of TCP Vegas — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of TCP Vegas

Start at: 2019-07-11 19:26:54

End at: 2019-07-11 19:27:24

Local clock offset: -11.009 ms

Remote clock offset: 0.246 ms

Run 3: Report of TCP Vegas — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of TCP Vegas

Start at: 2019-07-11 19:53:27

End at: 2019-07-11 19:53:57

Local clock offset: -9.031 ms

Remote clock offset: 0.212 ms

Run 4: Report of TCP Vegas — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of TCP Vegas

Start at: 2019-07-11 20:19:59

End at: 2019-07-11 20:20:29

Local clock offset: -8.407 ms

Remote clock offset: 0.242 ms

Run 5: Report of TCP Vegas — Data Link

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Run 1: Statistics of Verus

Start at: 2019-07-11 18:43:50

End at: 2019-07-11 18:44:20

Local clock offset: -7.356 ms

Remote clock offset: 0.076 ms

Below is generated by plot.py at 2019-07-11 20:53:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.29 Mbit/s

95th percentile per-packet one-way delay: 9.450 ms

Loss rate: 1.01%

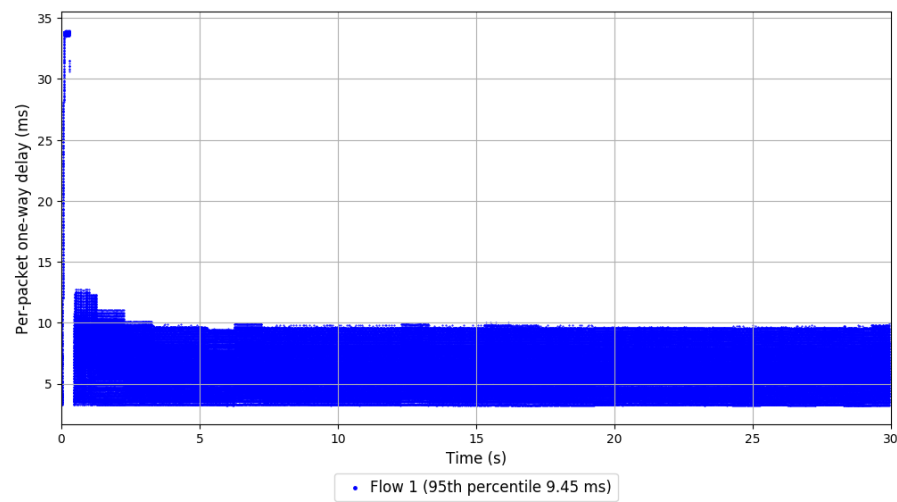
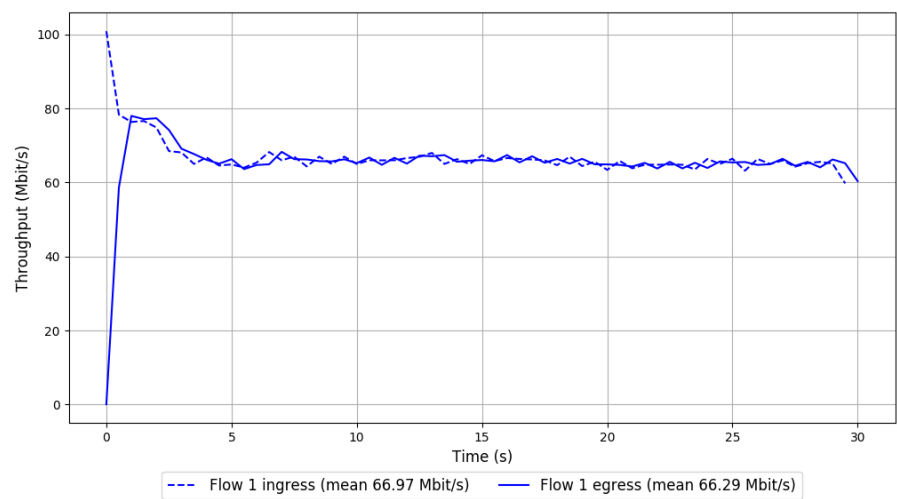
-- Flow 1:

Average throughput: 66.29 Mbit/s

95th percentile per-packet one-way delay: 9.450 ms

Loss rate: 1.01%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-07-11 19:10:23

End at: 2019-07-11 19:10:53

Local clock offset: -8.633 ms

Remote clock offset: 0.161 ms

Below is generated by plot.py at 2019-07-11 20:54:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.82 Mbit/s

95th percentile per-packet one-way delay: 19.139 ms

Loss rate: 0.84%

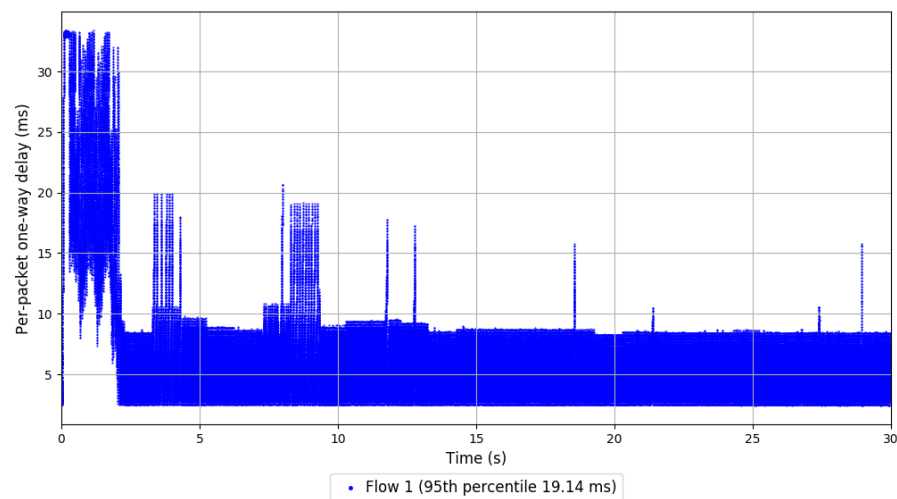
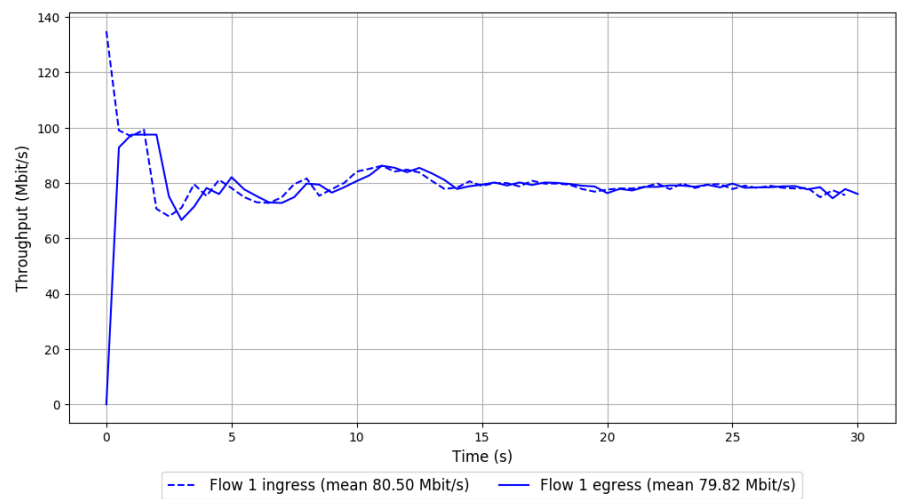
-- Flow 1:

Average throughput: 79.82 Mbit/s

95th percentile per-packet one-way delay: 19.139 ms

Loss rate: 0.84%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-07-11 19:36:58

End at: 2019-07-11 19:37:28

Local clock offset: -9.171 ms

Remote clock offset: 0.234 ms

Below is generated by plot.py at 2019-07-11 20:54:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.46 Mbit/s

95th percentile per-packet one-way delay: 13.868 ms

Loss rate: 1.66%

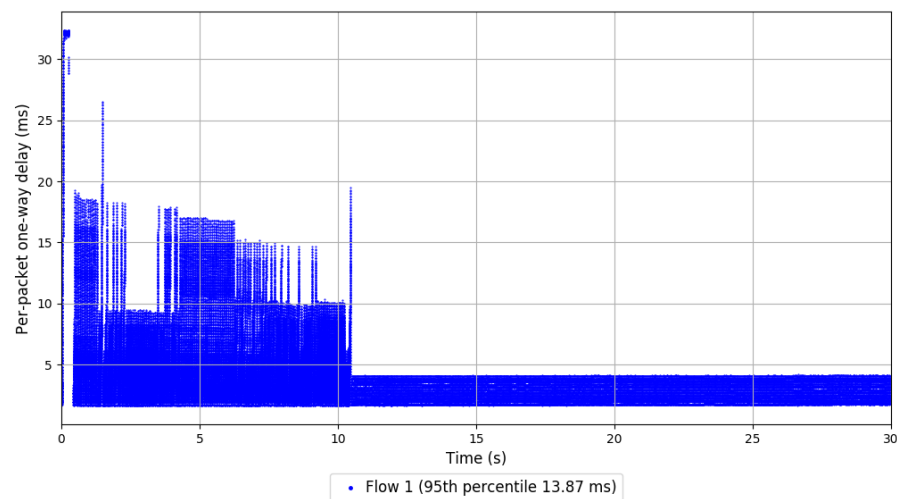
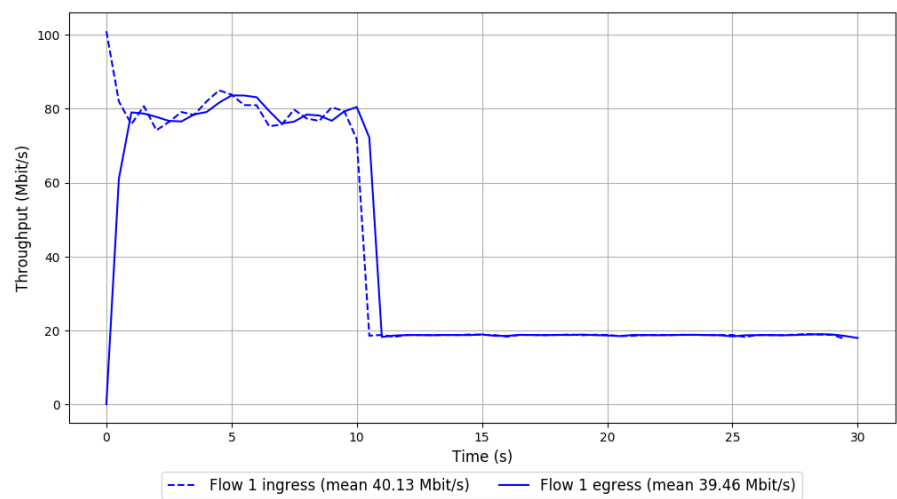
-- Flow 1:

Average throughput: 39.46 Mbit/s

95th percentile per-packet one-way delay: 13.868 ms

Loss rate: 1.66%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-07-11 20:03:31

End at: 2019-07-11 20:04:01

Local clock offset: -8.566 ms

Remote clock offset: 0.269 ms

Below is generated by plot.py at 2019-07-11 20:54:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.01 Mbit/s

95th percentile per-packet one-way delay: 9.889 ms

Loss rate: 0.93%

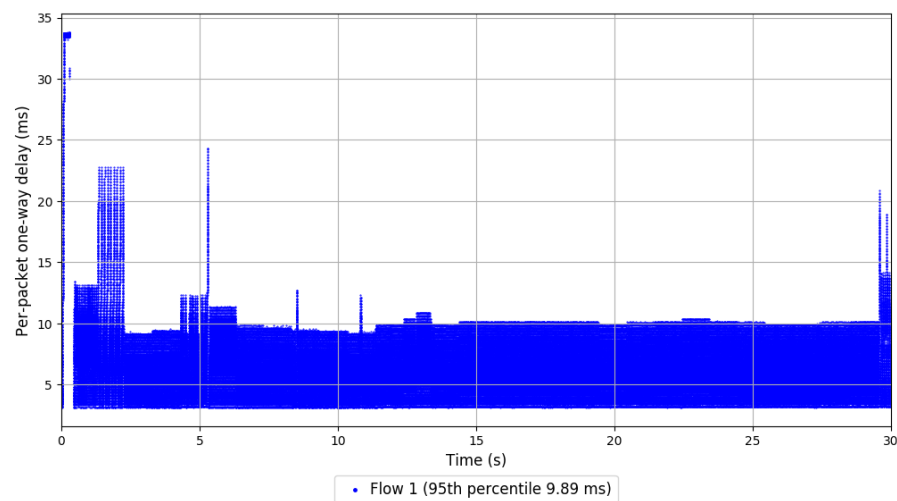
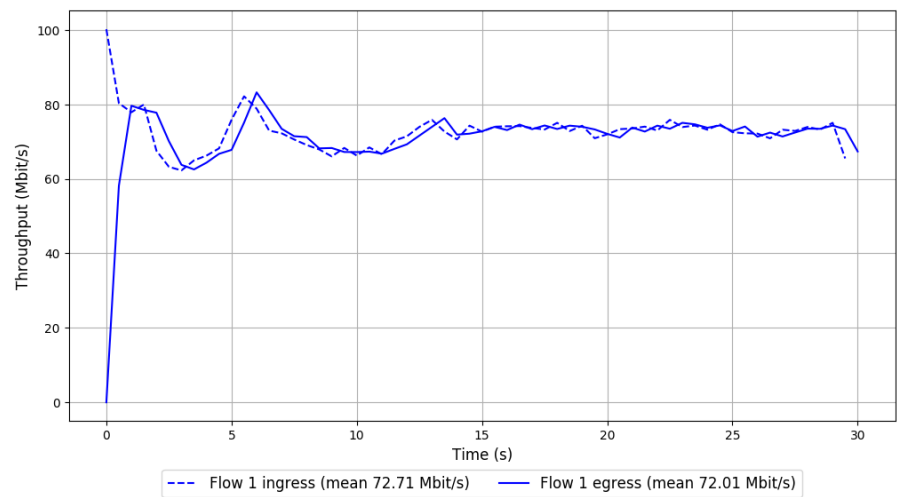
-- Flow 1:

Average throughput: 72.01 Mbit/s

95th percentile per-packet one-way delay: 9.889 ms

Loss rate: 0.93%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-07-11 20:30:05

End at: 2019-07-11 20:30:35

Local clock offset: -8.472 ms

Remote clock offset: 0.161 ms

Below is generated by plot.py at 2019-07-11 20:54:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.93 Mbit/s

95th percentile per-packet one-way delay: 13.381 ms

Loss rate: 1.14%

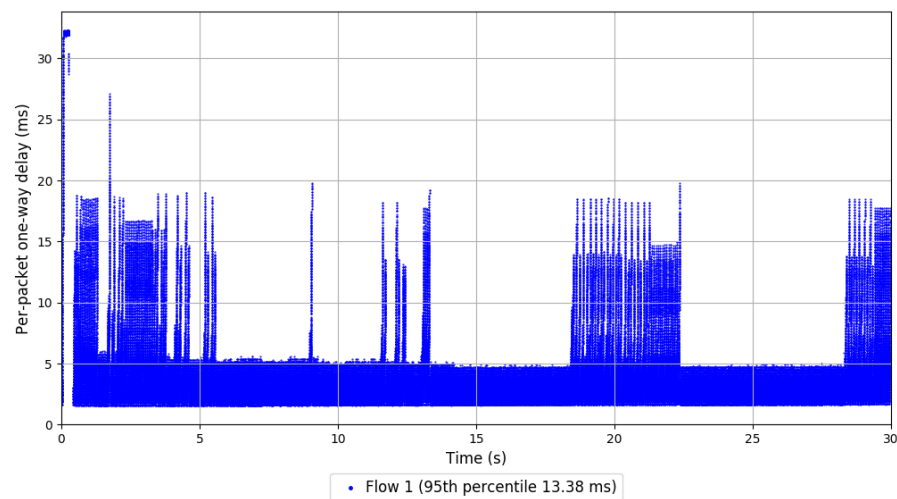
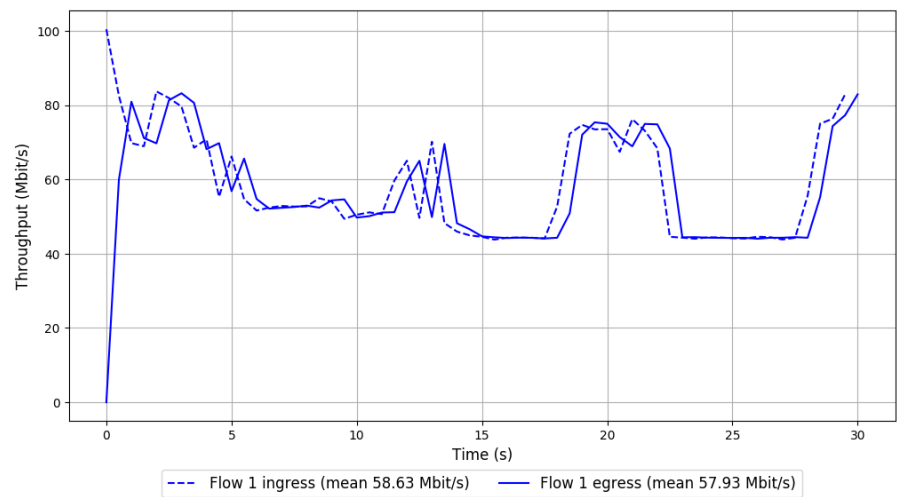
-- Flow 1:

Average throughput: 57.93 Mbit/s

95th percentile per-packet one-way delay: 13.381 ms

Loss rate: 1.14%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-07-11 18:41:32

End at: 2019-07-11 18:42:02

Local clock offset: -6.423 ms

Remote clock offset: 0.094 ms

Below is generated by plot.py at 2019-07-11 20:54:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.56 Mbit/s

95th percentile per-packet one-way delay: 1.242 ms

Loss rate: 0.00%

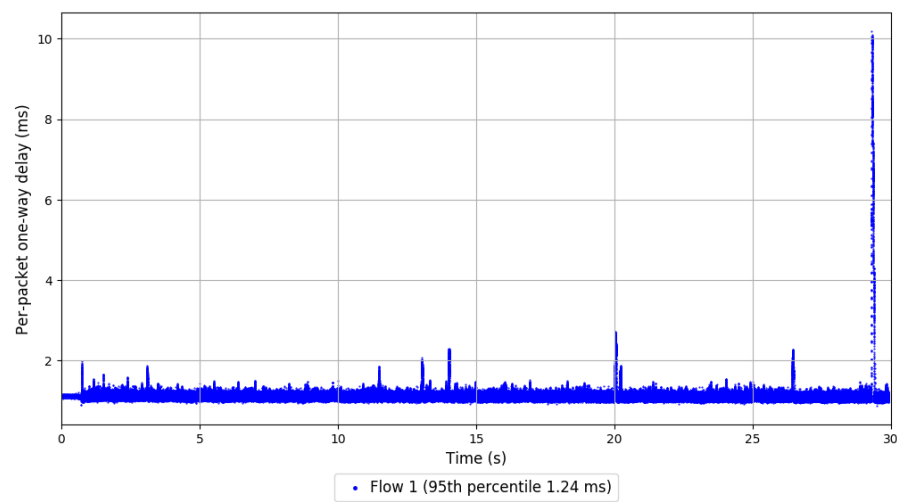
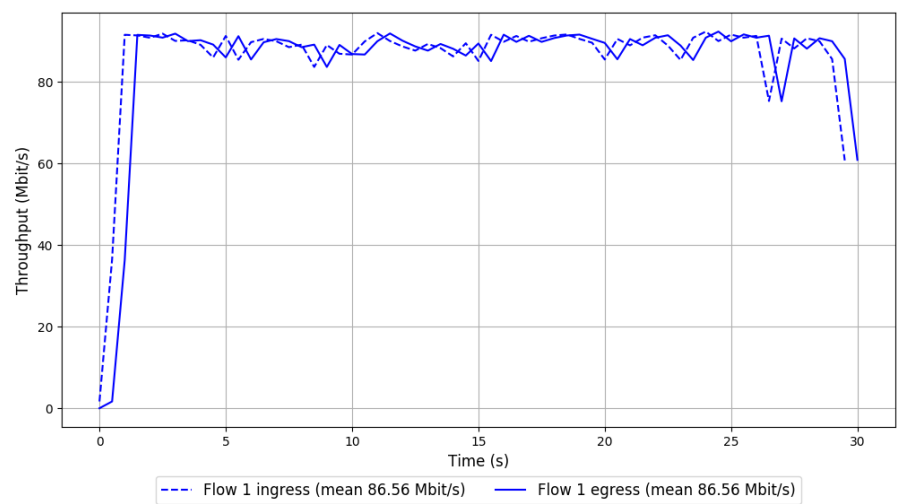
-- Flow 1:

Average throughput: 86.56 Mbit/s

95th percentile per-packet one-way delay: 1.242 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-07-11 19:08:06

End at: 2019-07-11 19:08:36

Local clock offset: -8.302 ms

Remote clock offset: 0.087 ms

Below is generated by plot.py at 2019-07-11 20:54:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.10 Mbit/s

95th percentile per-packet one-way delay: 0.977 ms

Loss rate: 0.00%

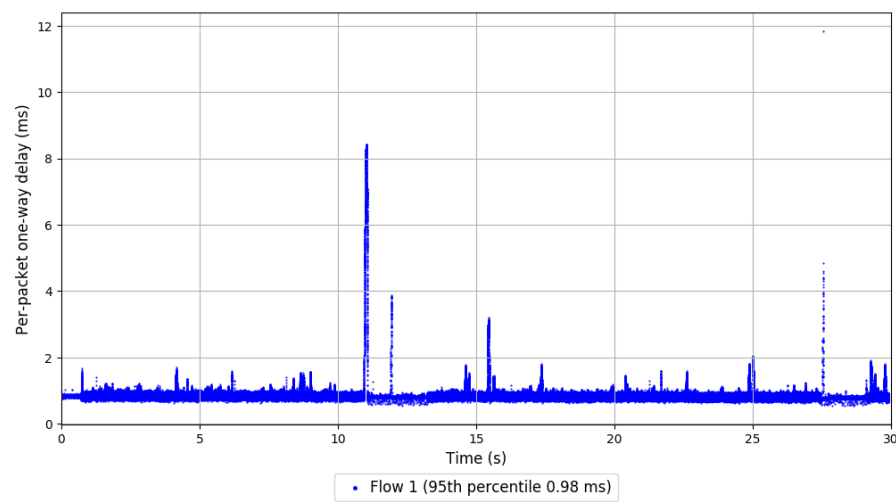
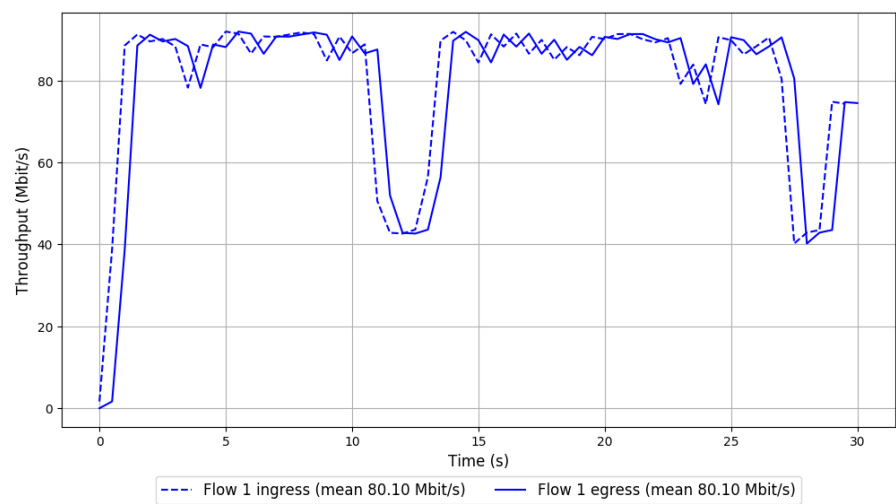
-- Flow 1:

Average throughput: 80.10 Mbit/s

95th percentile per-packet one-way delay: 0.977 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-07-11 19:34:41

End at: 2019-07-11 19:35:11

Local clock offset: -9.565 ms

Remote clock offset: 0.141 ms

Below is generated by plot.py at 2019-07-11 20:54:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.98 Mbit/s

95th percentile per-packet one-way delay: 1.875 ms

Loss rate: 0.00%

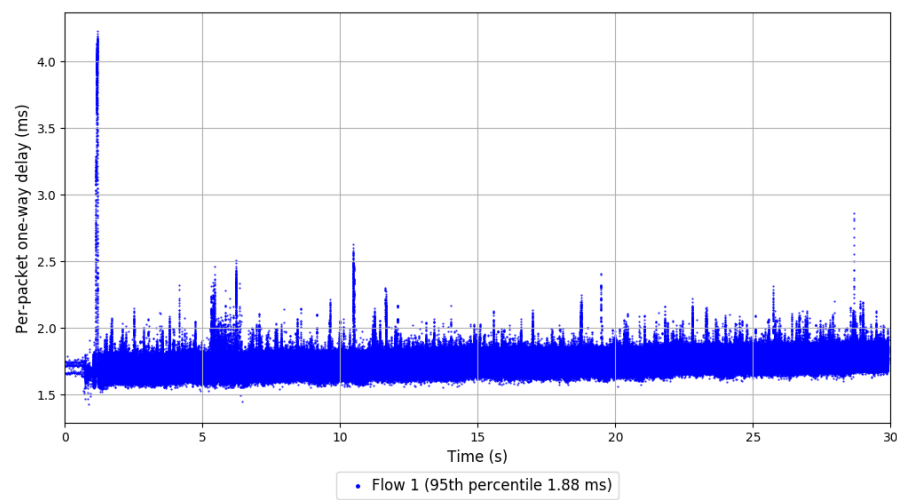
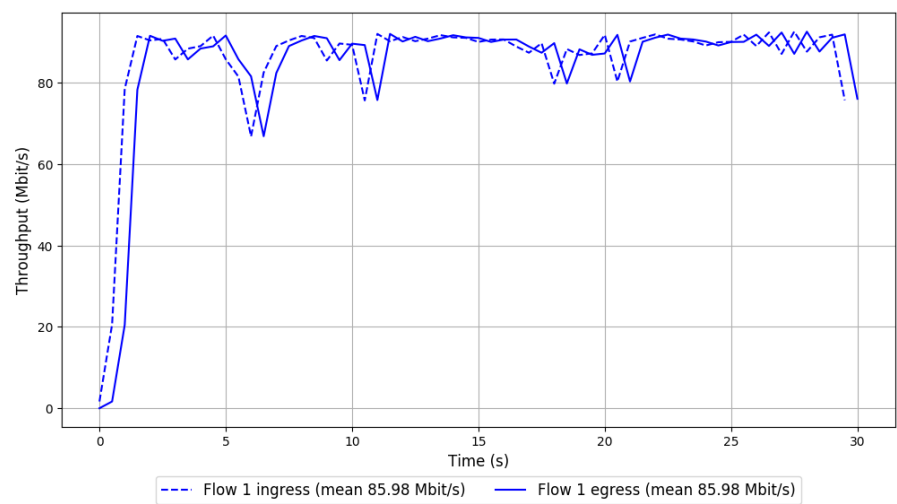
-- Flow 1:

Average throughput: 85.98 Mbit/s

95th percentile per-packet one-way delay: 1.875 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-07-11 20:01:13

End at: 2019-07-11 20:01:43

Local clock offset: -8.78 ms

Remote clock offset: 0.268 ms

Below is generated by plot.py at 2019-07-11 20:54:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.85 Mbit/s

95th percentile per-packet one-way delay: 3.530 ms

Loss rate: 0.00%

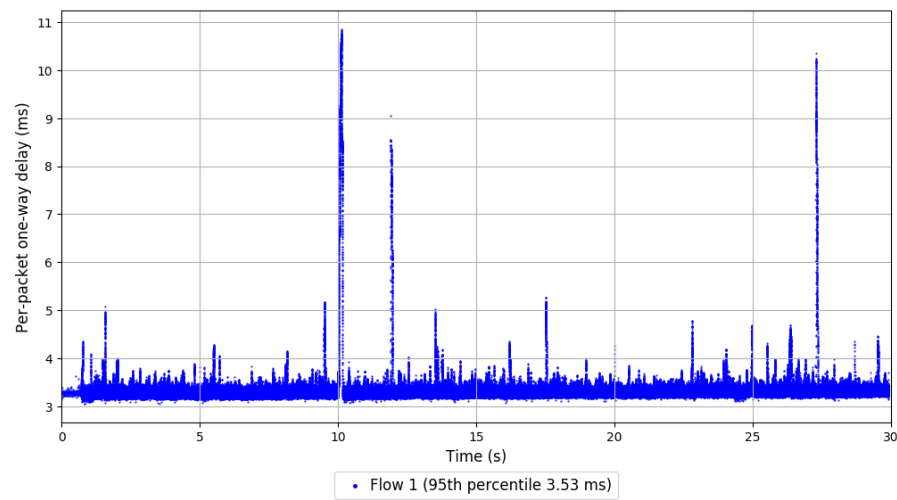
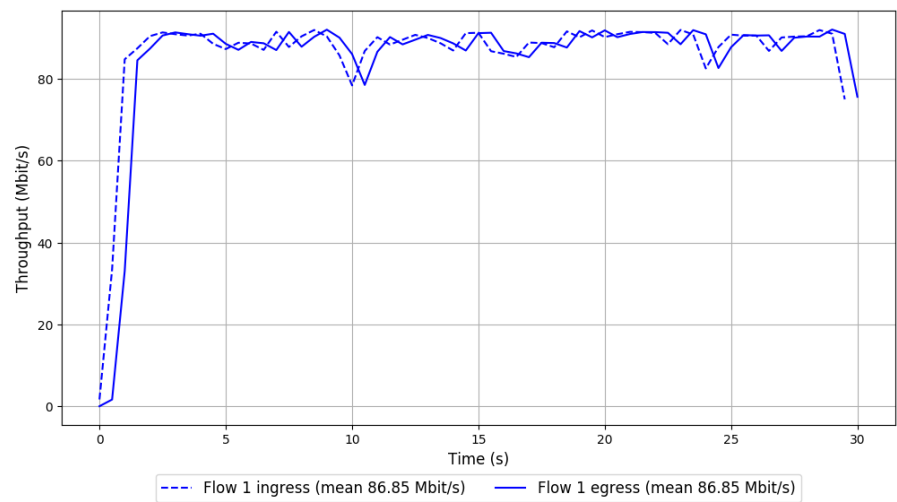
-- Flow 1:

Average throughput: 86.85 Mbit/s

95th percentile per-packet one-way delay: 3.530 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-07-11 20:27:48

End at: 2019-07-11 20:28:18

Local clock offset: -8.681 ms

Remote clock offset: 0.126 ms

Below is generated by plot.py at 2019-07-11 20:54:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.16 Mbit/s

95th percentile per-packet one-way delay: 3.367 ms

Loss rate: 0.00%

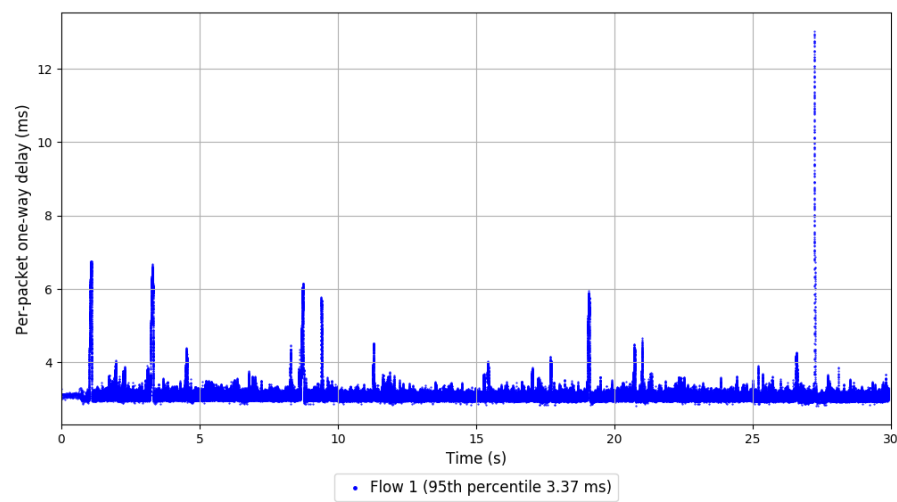
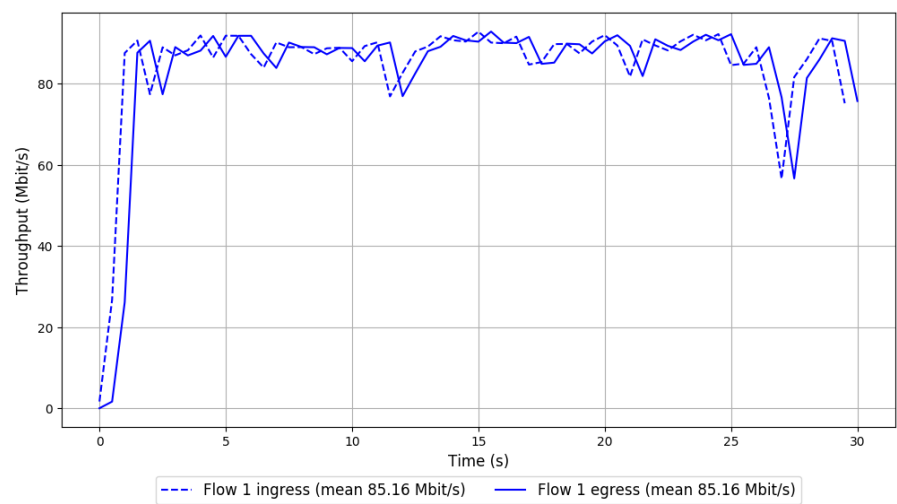
-- Flow 1:

Average throughput: 85.16 Mbit/s

95th percentile per-packet one-way delay: 3.367 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-07-11 18:50:29

End at: 2019-07-11 18:50:59

Local clock offset: -7.048 ms

Remote clock offset: 0.059 ms

Below is generated by plot.py at 2019-07-11 20:54:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 2.752 ms

Loss rate: 0.00%

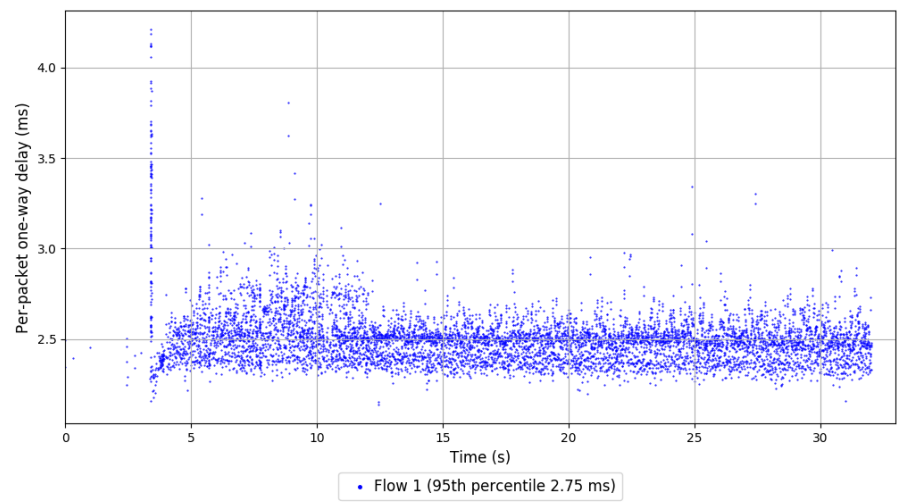
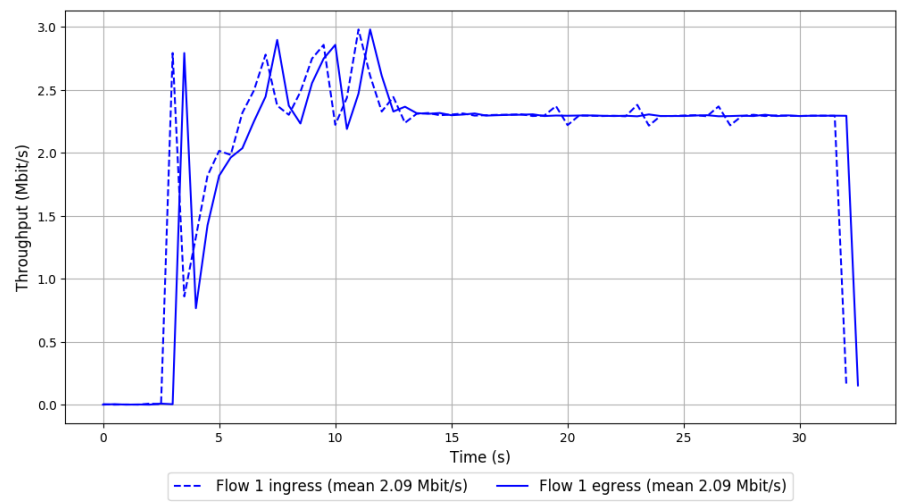
-- Flow 1:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 2.752 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-07-11 19:17:03

End at: 2019-07-11 19:17:33

Local clock offset: -9.064 ms

Remote clock offset: 0.146 ms

Below is generated by plot.py at 2019-07-11 20:54:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.600 ms

Loss rate: 0.00%

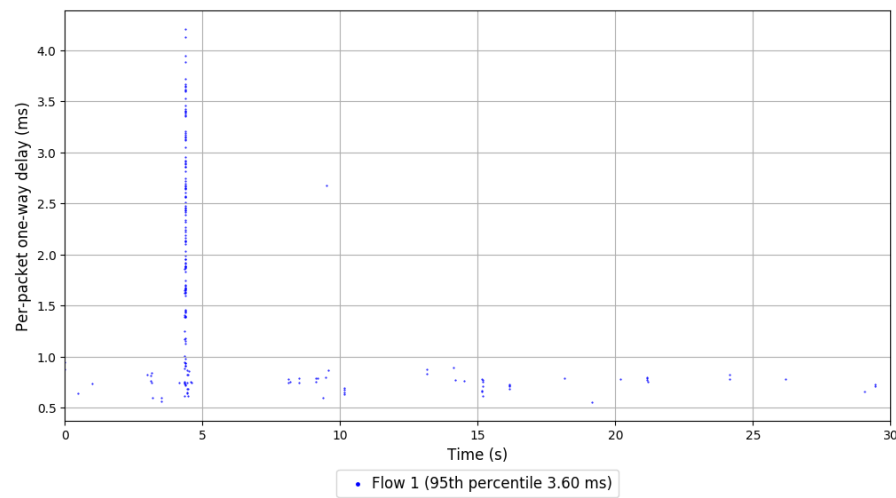
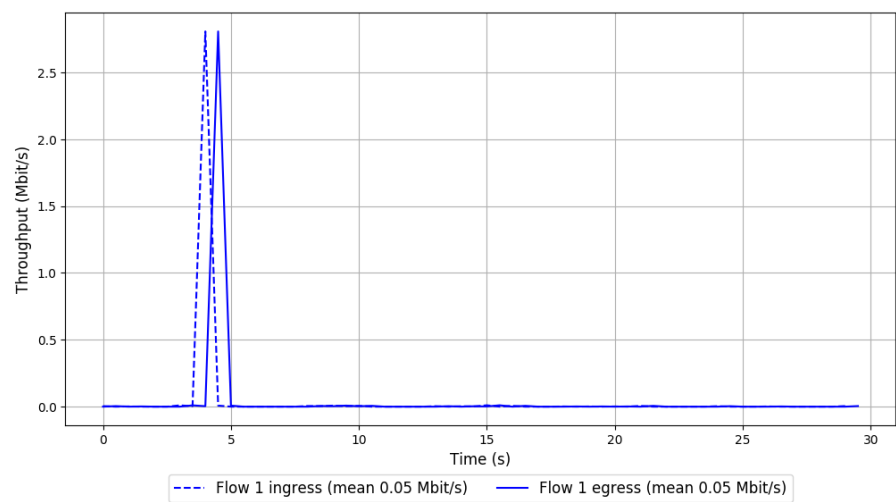
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.600 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-07-11 19:43:36

End at: 2019-07-11 19:44:06

Local clock offset: -7.874 ms

Remote clock offset: 0.131 ms

Below is generated by plot.py at 2019-07-11 20:54:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.745 ms

Loss rate: 0.00%

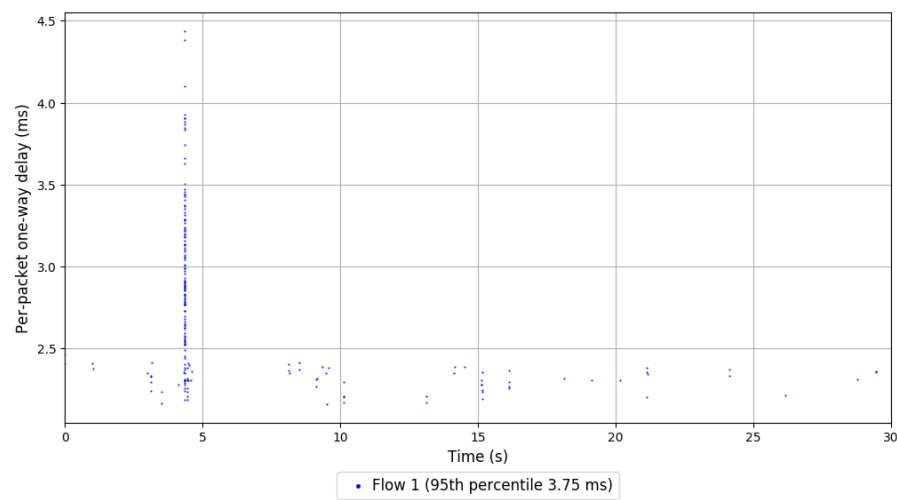
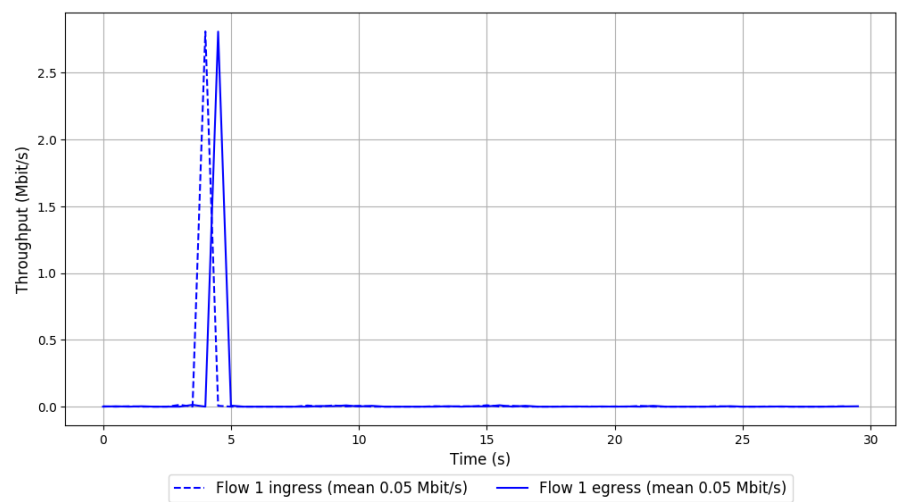
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.745 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-07-11 20:10:10

End at: 2019-07-11 20:10:40

Local clock offset: -7.482 ms

Remote clock offset: 0.298 ms

Below is generated by plot.py at 2019-07-11 20:54:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.986 ms

Loss rate: 0.00%

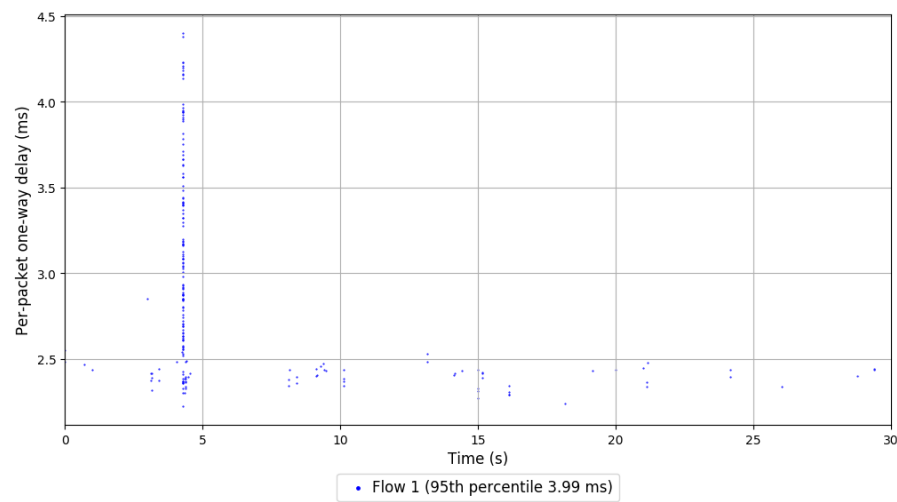
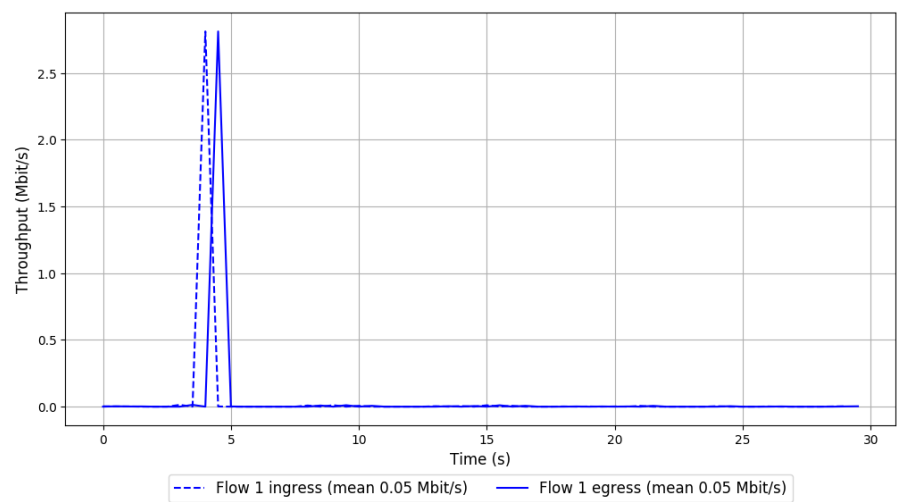
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.986 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-07-11 20:36:44

End at: 2019-07-11 20:37:14

Local clock offset: -6.585 ms

Remote clock offset: 0.219 ms

Below is generated by plot.py at 2019-07-11 20:54:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.153 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.153 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

