

Pantheon Report

Generated at 2019-03-26 22:15:58 (UTC).

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

Repeated the test of 21 congestion control schemes 5 times.

Each test lasted for 30 seconds running 1 flow.

NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

System info:

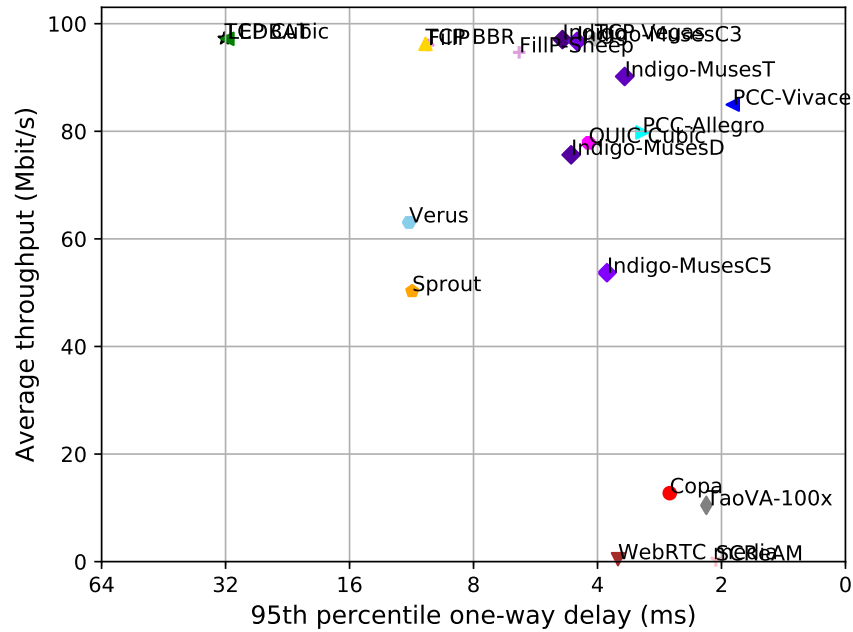
```
Linux 4.15.0-1034-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

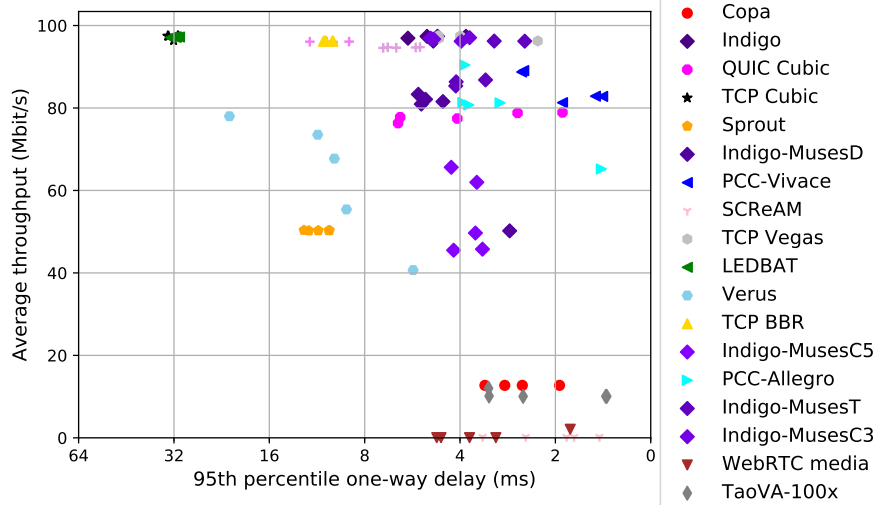
```
branch: muses @ 7a686f7c2ed0a333082c0bab1fa5c921ab47e6ee
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

test from AWS Brazil 1 to Brazil, 5 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS Brazil 1 to Brazil, 5 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	96.25	10.46	0.00
Copa	4	12.73	2.67	64.70
TCP Cubic	5	97.25	32.20	0.01
FillP	5	96.05	10.32	0.28
FillP-Sheep	5	94.67	6.20	0.08
Indigo	5	97.06	4.87	0.00
Indigo-MusesC3	5	96.72	4.48	0.00
Indigo-MusesC5	5	53.71	3.79	0.00
Indigo-MusesD	5	75.63	4.64	0.00
Indigo-MusesT	5	90.19	3.44	0.00
LEDBAT	5	97.19	31.67	0.01
PCC-Allegro	5	79.79	3.11	0.00
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	77.86	4.20	0.28
SCReAM	5	0.22	2.06	0.00
Sprout	5	50.29	11.27	0.00
TaoVA-100x	5	10.47	2.18	81.66
TCP Vegas	5	97.11	4.06	0.00
Verus	5	63.06	11.47	1.14
PCC-Vivace	5	84.96	1.82	0.00
WebRTC media	5	0.46	3.57	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-03-26 20:28:54

End at: 2019-03-26 20:29:24

Local clock offset: -8.538 ms

Remote clock offset: 0.145 ms

Below is generated by plot.py at 2019-03-26 22:06:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 10.793 ms

Loss rate: 0.00%

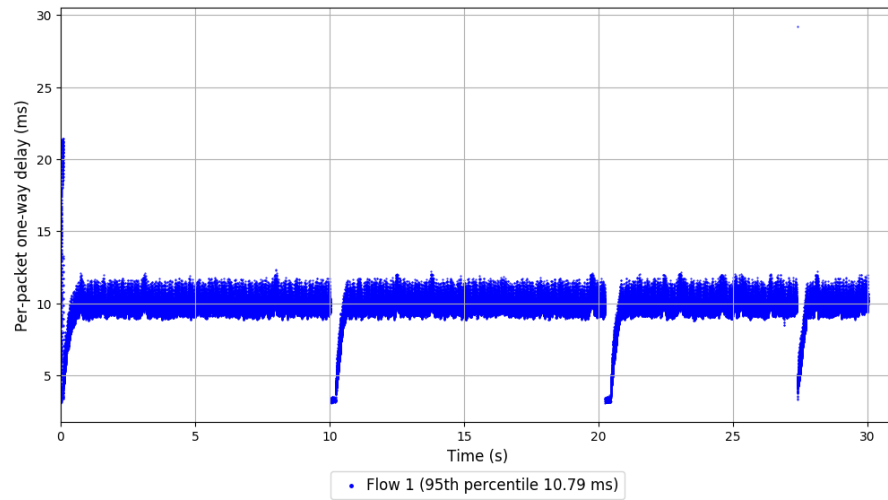
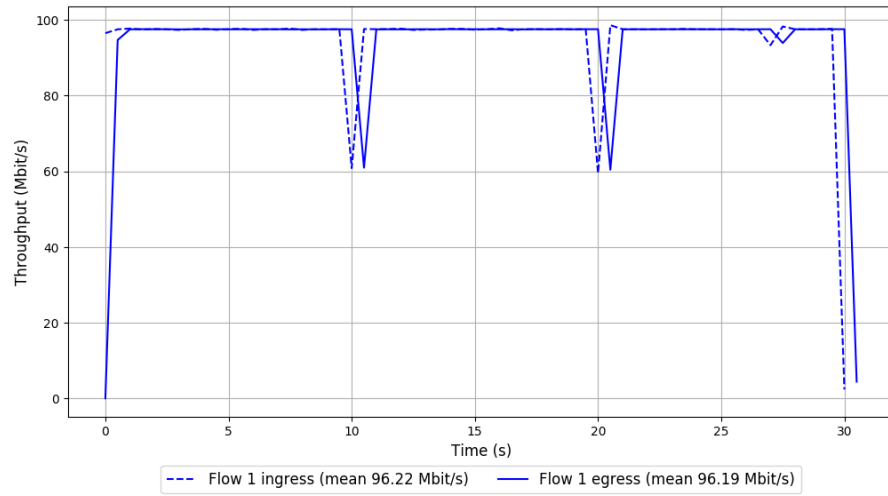
-- Flow 1:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 10.793 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-03-26 20:52:23

End at: 2019-03-26 20:52:53

Local clock offset: -8.181 ms

Remote clock offset: 0.085 ms

Below is generated by plot.py at 2019-03-26 22:06:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 10.625 ms

Loss rate: 0.00%

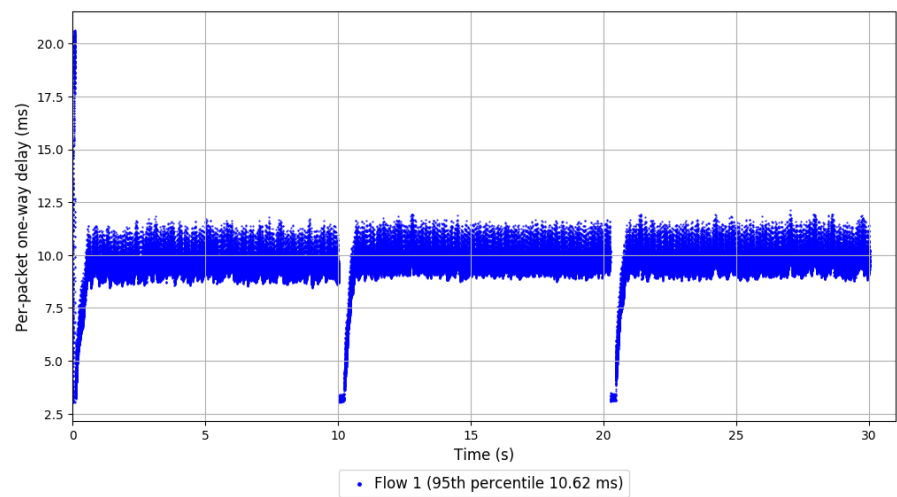
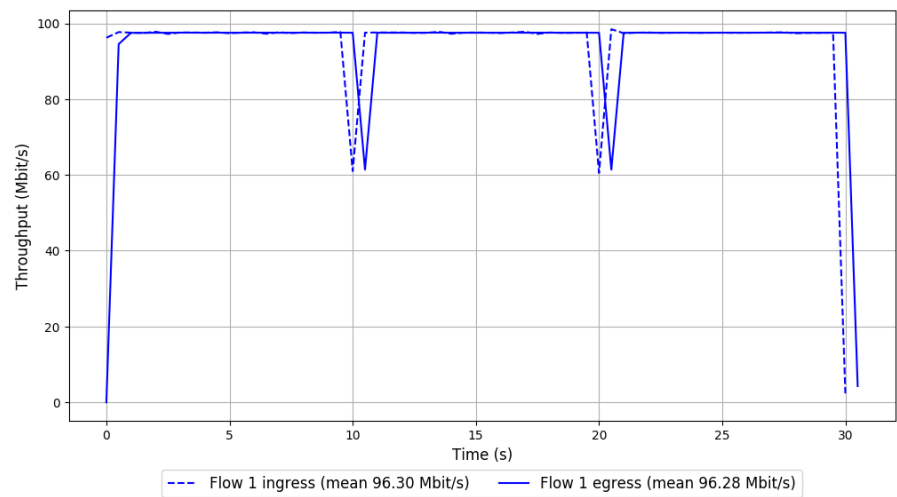
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 10.625 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-03-26 21:15:49

End at: 2019-03-26 21:16:19

Local clock offset: -7.209 ms

Remote clock offset: 0.085 ms

Below is generated by plot.py at 2019-03-26 22:06:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 10.071 ms

Loss rate: 0.00%

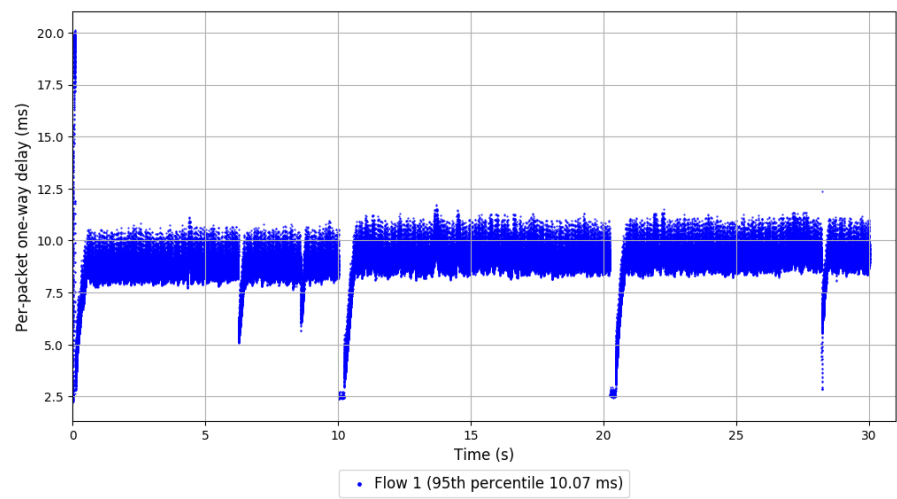
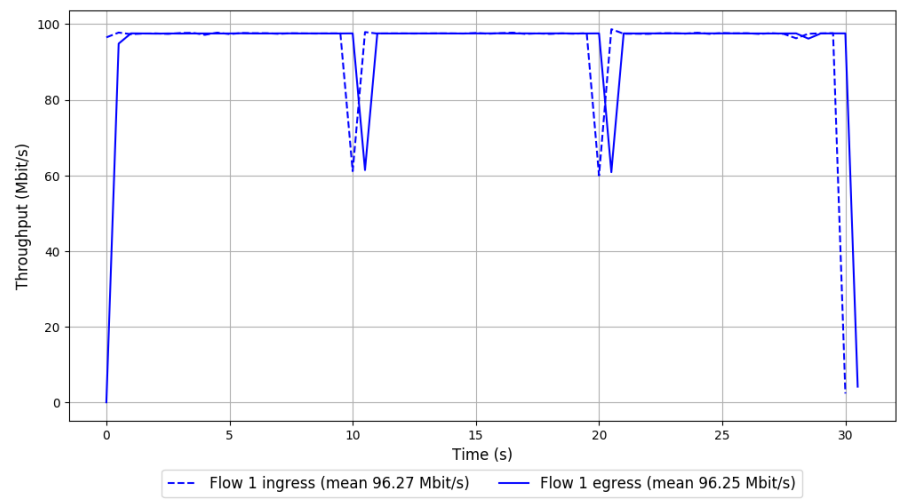
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 10.071 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-03-26 21:39:18

End at: 2019-03-26 21:39:48

Local clock offset: -2.766 ms

Remote clock offset: 0.094 ms

Below is generated by plot.py at 2019-03-26 22:06:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 10.726 ms

Loss rate: 0.00%

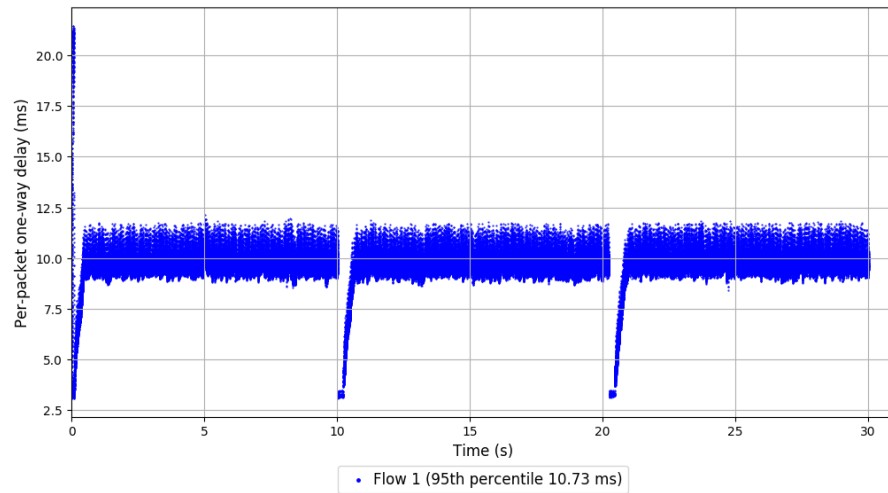
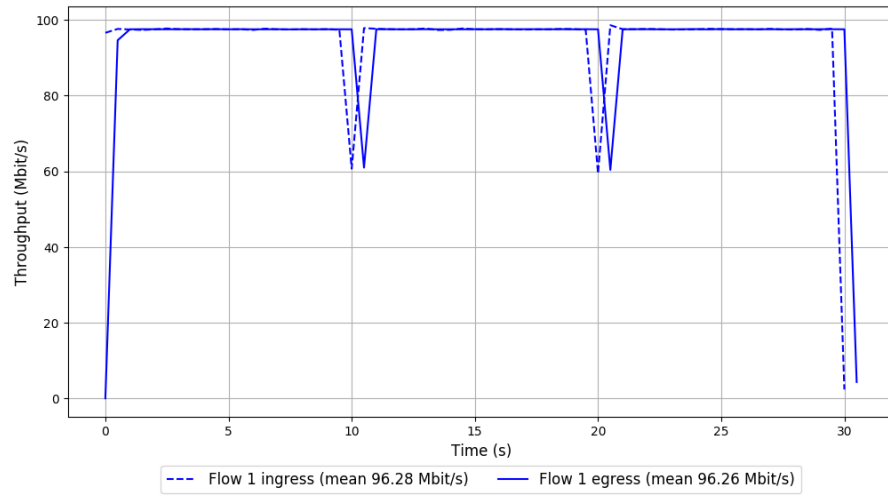
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 10.726 ms

Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-03-26 22:02:51

End at: 2019-03-26 22:03:21

Local clock offset: -0.777 ms

Remote clock offset: 0.081 ms

Below is generated by plot.py at 2019-03-26 22:06:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 10.107 ms

Loss rate: 0.00%

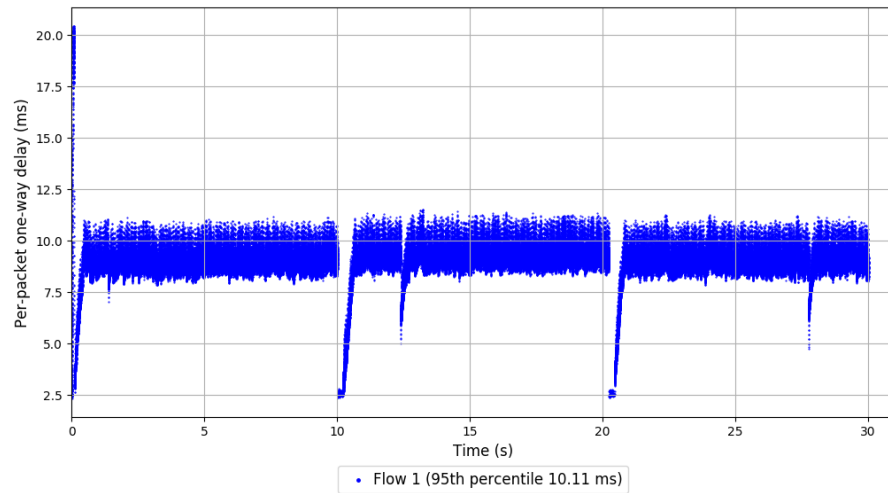
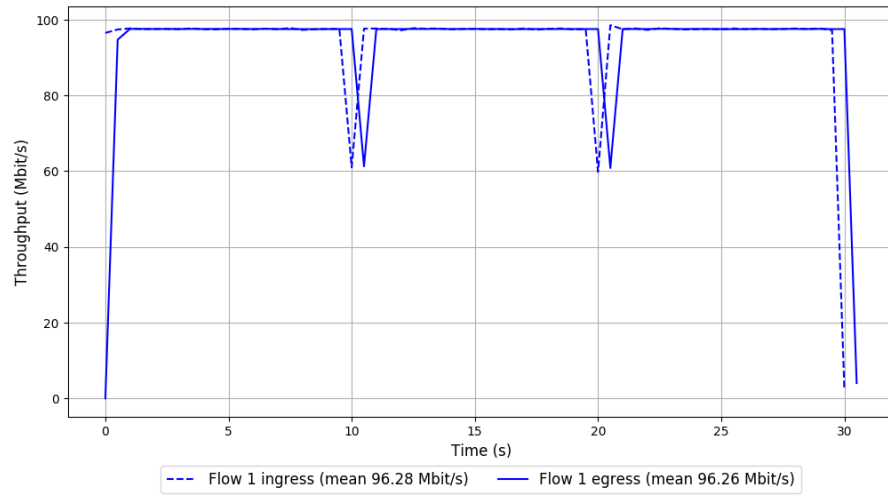
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 10.107 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

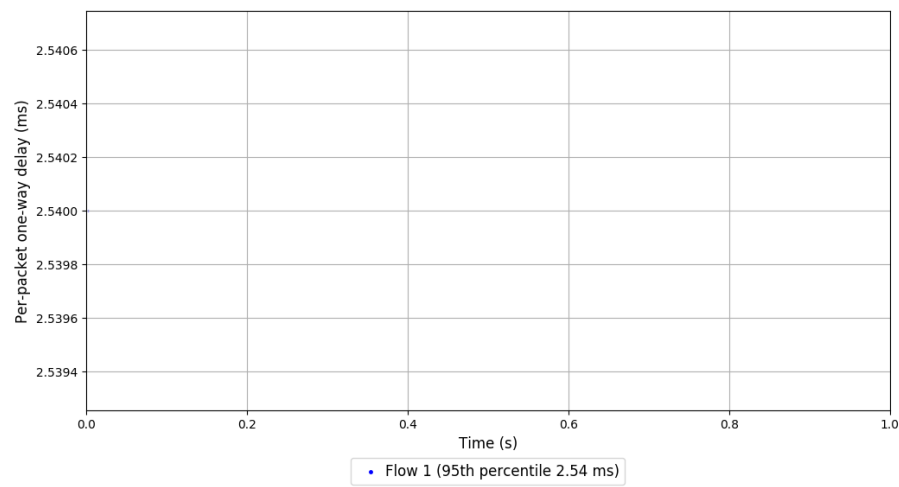
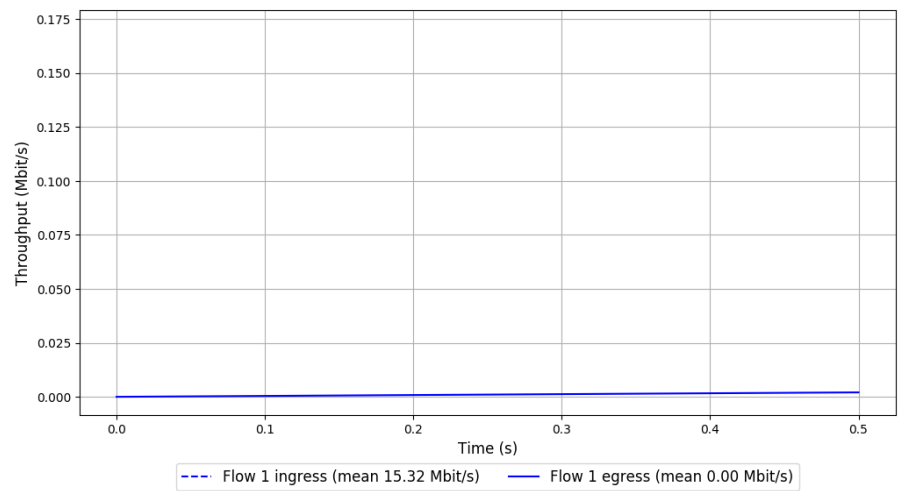
Start at: 2019-03-26 20:08:52

End at: 2019-03-26 20:09:22

Local clock offset: -8.633 ms

Remote clock offset: 0.05 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2019-03-26 20:32:19

End at: 2019-03-26 20:32:49

Local clock offset: -8.585 ms

Remote clock offset: 0.179 ms

Below is generated by plot.py at 2019-03-26 22:06:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 1.913 ms

Loss rate: 68.07%

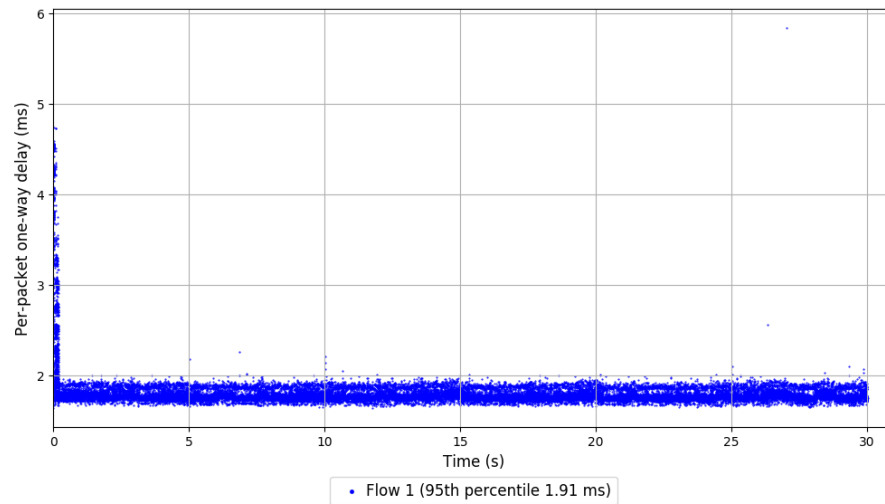
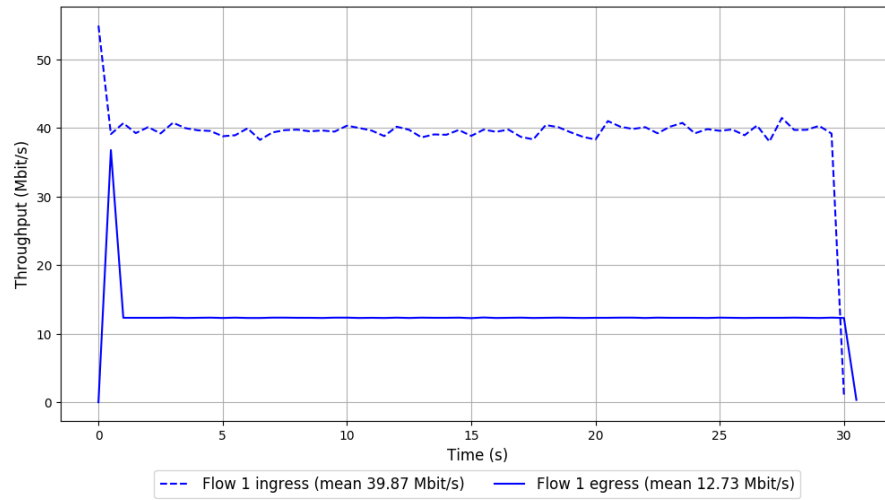
-- Flow 1:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 1.913 ms

Loss rate: 68.07%

Run 2: Report of Copa — Data Link

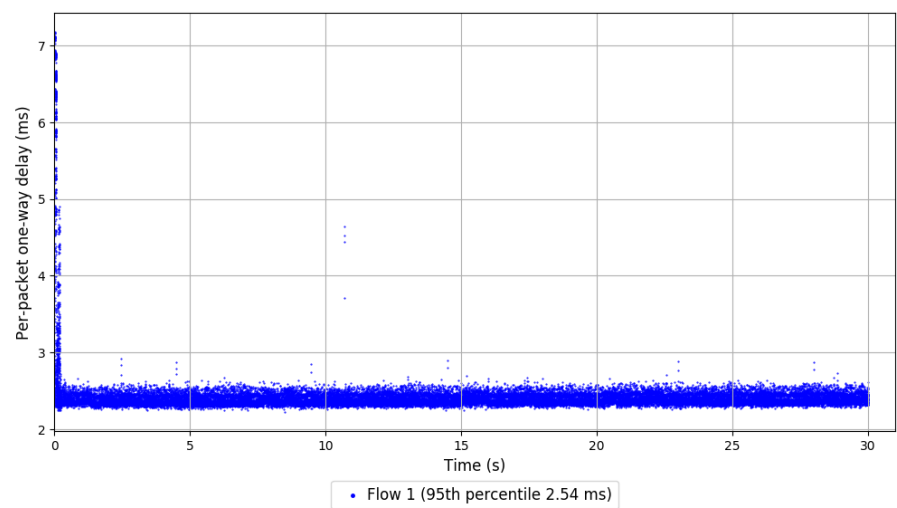
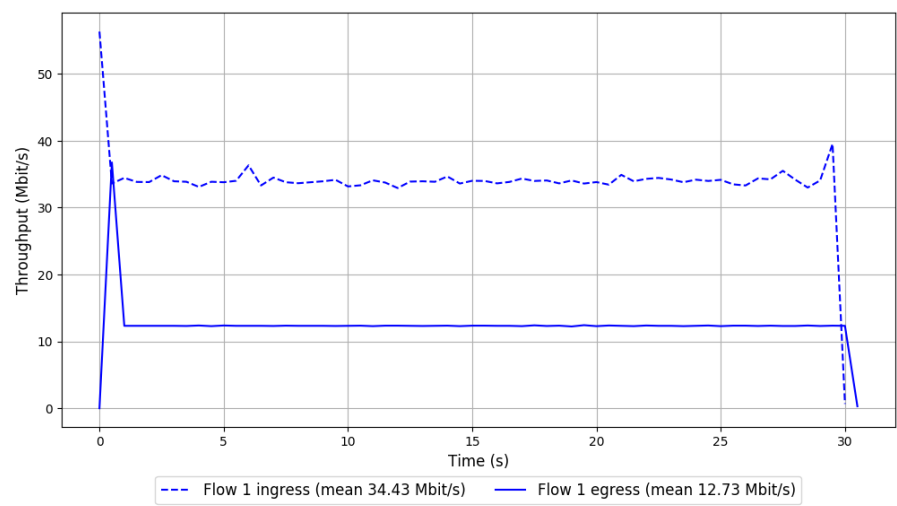


Run 3: Statistics of Copa

Start at: 2019-03-26 20:55:48
End at: 2019-03-26 20:56:18
Local clock offset: -7.222 ms
Remote clock offset: 0.118 ms

Below is generated by plot.py at 2019-03-26 22:06:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 2.544 ms
Loss rate: 63.02%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 2.544 ms
Loss rate: 63.02%

Run 3: Report of Copa — Data Link

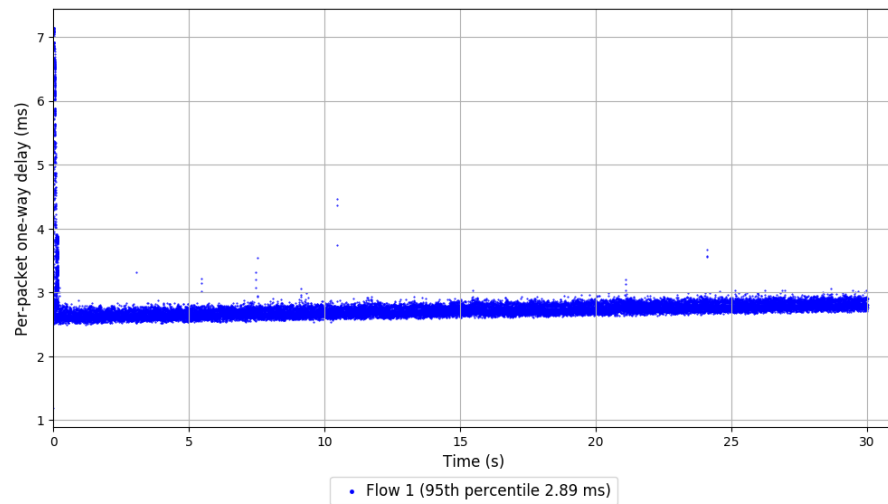
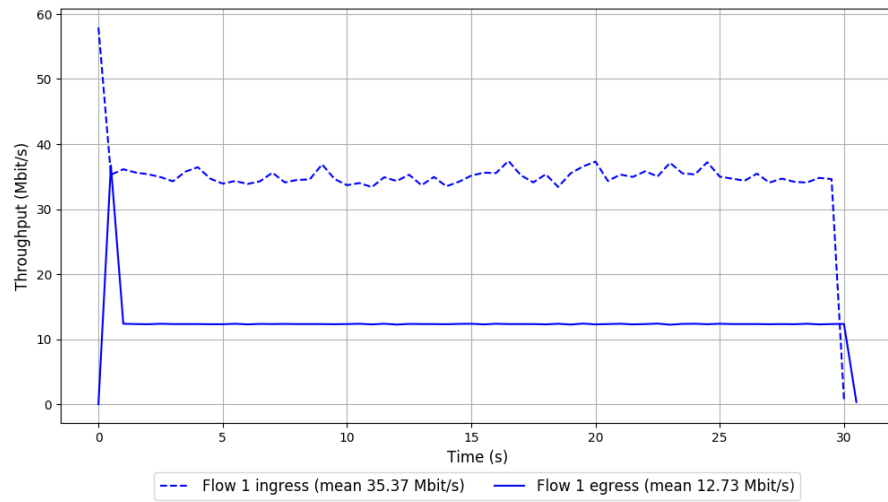


Run 4: Statistics of Copa

Start at: 2019-03-26 21:19:15
End at: 2019-03-26 21:19:45
Local clock offset: -5.747 ms
Remote clock offset: 0.174 ms

Below is generated by plot.py at 2019-03-26 22:06:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 2.890 ms
Loss rate: 64.01%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 2.890 ms
Loss rate: 64.01%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2019-03-26 21:42:43

End at: 2019-03-26 21:43:13

Local clock offset: -2.547 ms

Remote clock offset: 0.054 ms

Below is generated by plot.py at 2019-03-26 22:06:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 3.338 ms

Loss rate: 63.69%

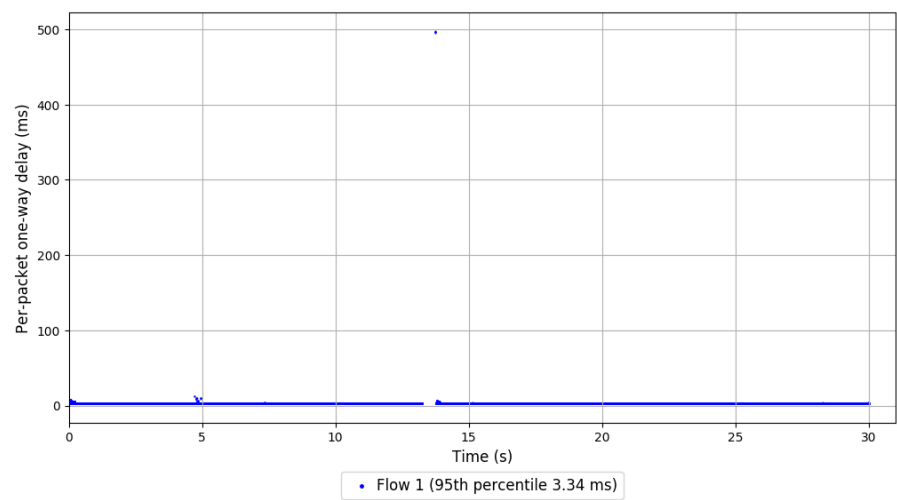
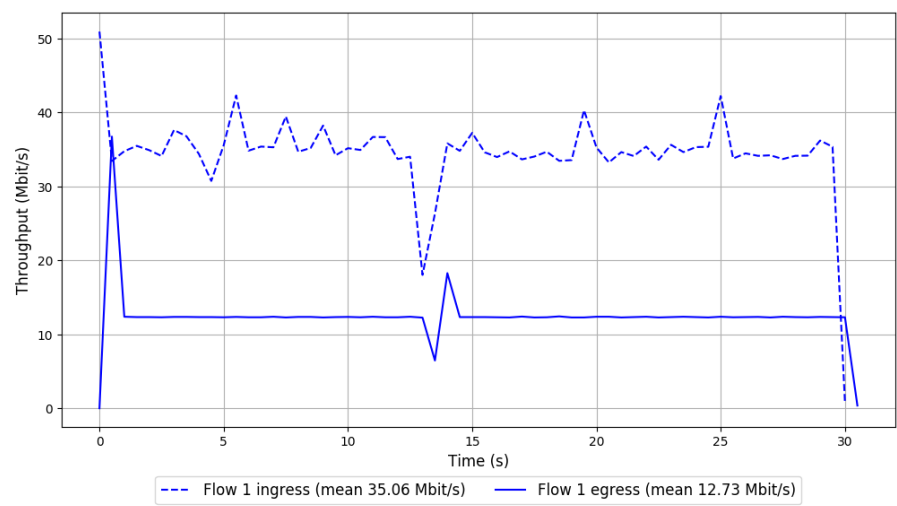
-- Flow 1:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 3.338 ms

Loss rate: 63.69%

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-03-26 20:15:32

End at: 2019-03-26 20:16:02

Local clock offset: -9.109 ms

Remote clock offset: 0.061 ms

Below is generated by plot.py at 2019-03-26 22:06:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.149 ms

Loss rate: 0.01%

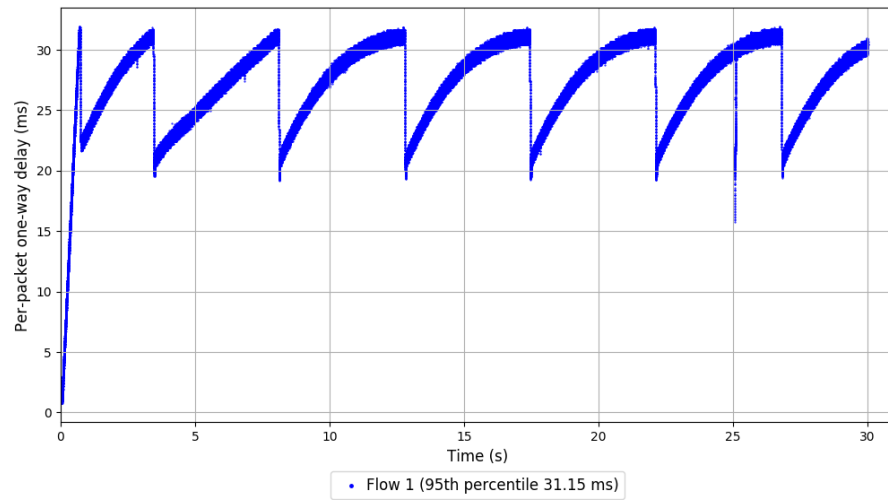
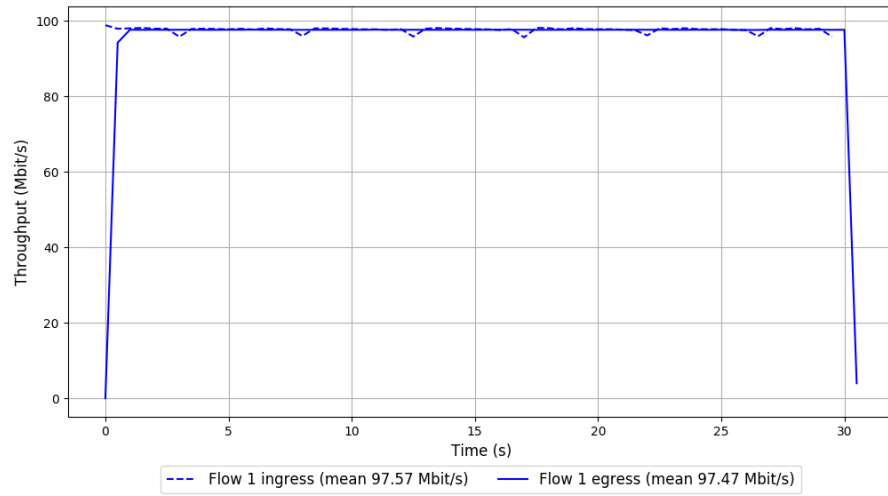
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.149 ms

Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-03-26 20:39:01

End at: 2019-03-26 20:39:31

Local clock offset: -7.856 ms

Remote clock offset: 0.043 ms

Below is generated by plot.py at 2019-03-26 22:06:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.001 ms

Loss rate: 0.01%

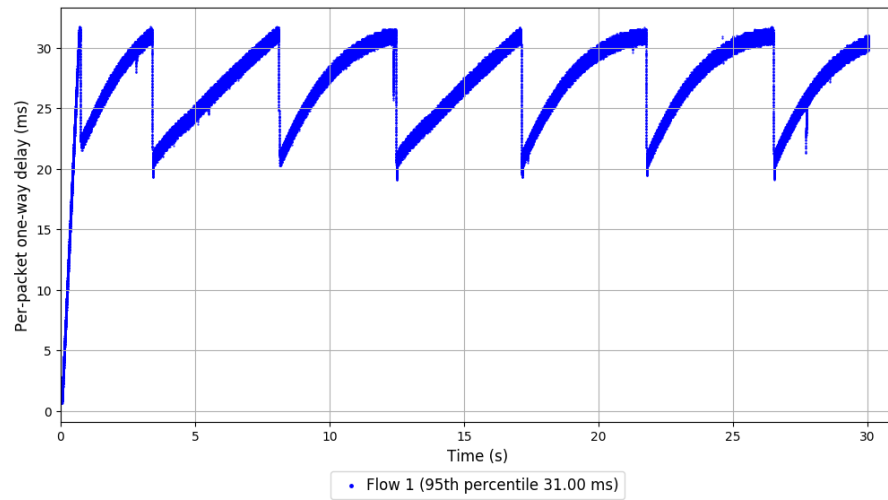
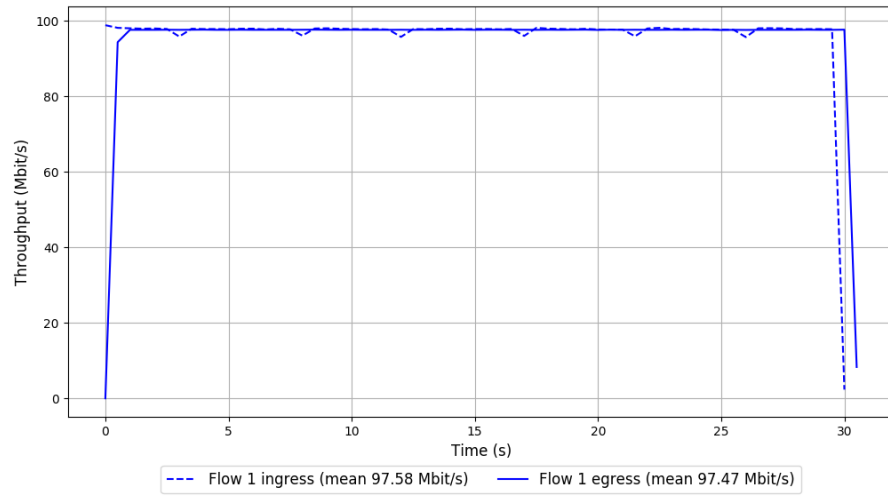
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.001 ms

Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-03-26 21:02:30

End at: 2019-03-26 21:03:00

Local clock offset: -7.864 ms

Remote clock offset: 0.189 ms

Below is generated by plot.py at 2019-03-26 22:06:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 33.496 ms

Loss rate: 0.01%

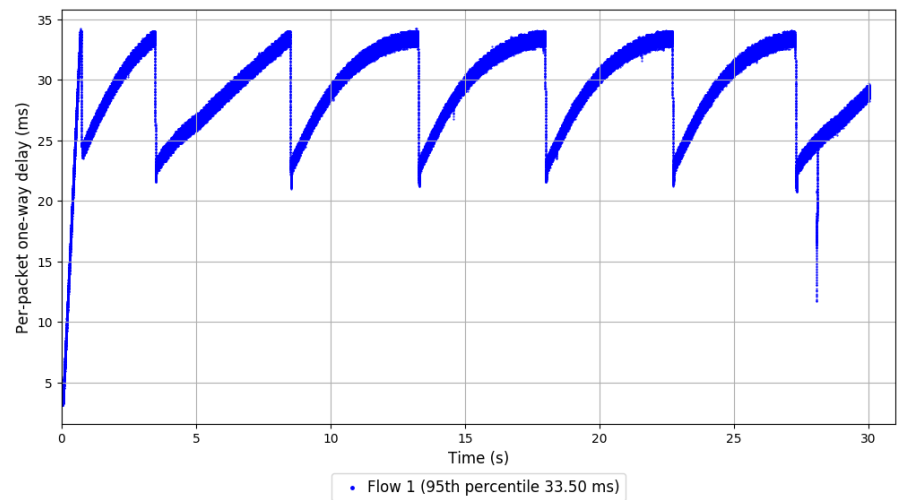
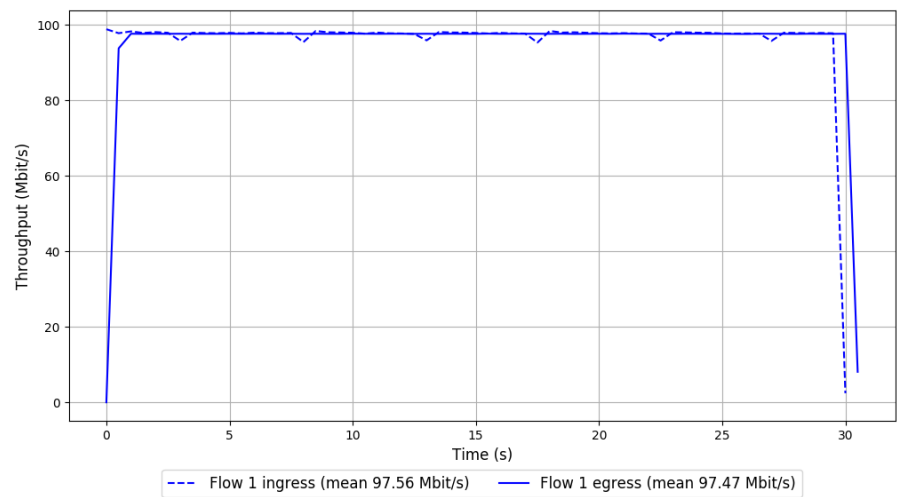
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 33.496 ms

Loss rate: 0.01%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-03-26 21:25:56

End at: 2019-03-26 21:26:26

Local clock offset: -4.485 ms

Remote clock offset: 0.157 ms

Below is generated by plot.py at 2019-03-26 22:07:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.39 Mbit/s

95th percentile per-packet one-way delay: 32.079 ms

Loss rate: 0.02%

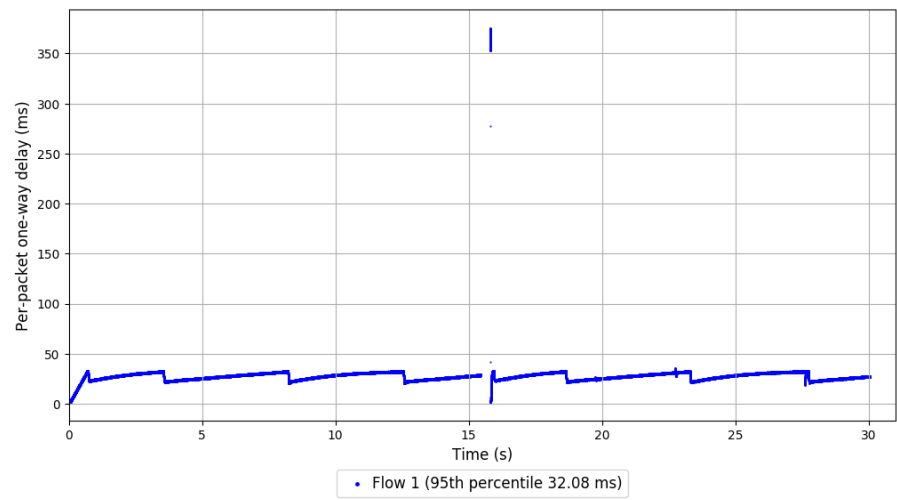
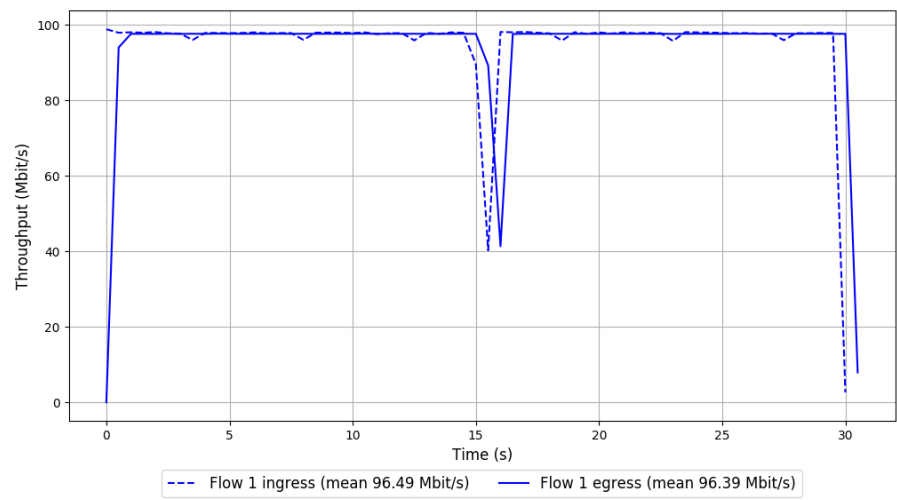
-- Flow 1:

Average throughput: 96.39 Mbit/s

95th percentile per-packet one-way delay: 32.079 ms

Loss rate: 0.02%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-03-26 21:49:30

End at: 2019-03-26 21:50:00

Local clock offset: -2.146 ms

Remote clock offset: 0.075 ms

Below is generated by plot.py at 2019-03-26 22:07:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 33.280 ms

Loss rate: 0.01%

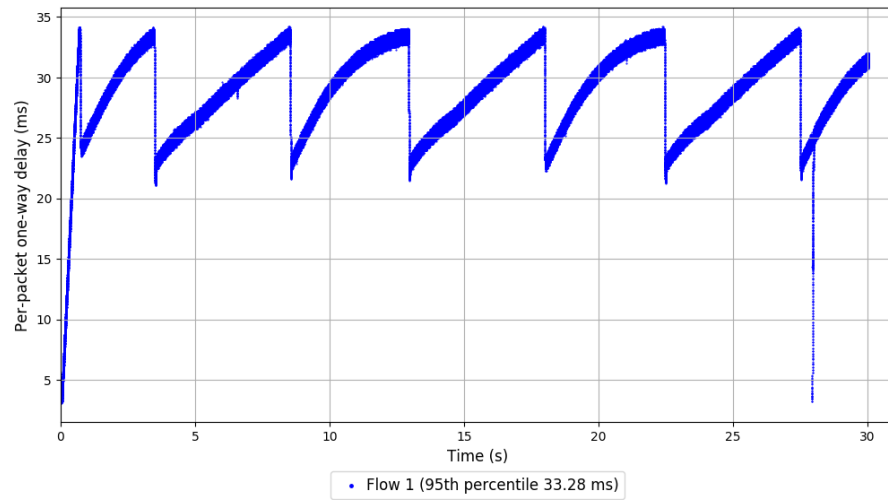
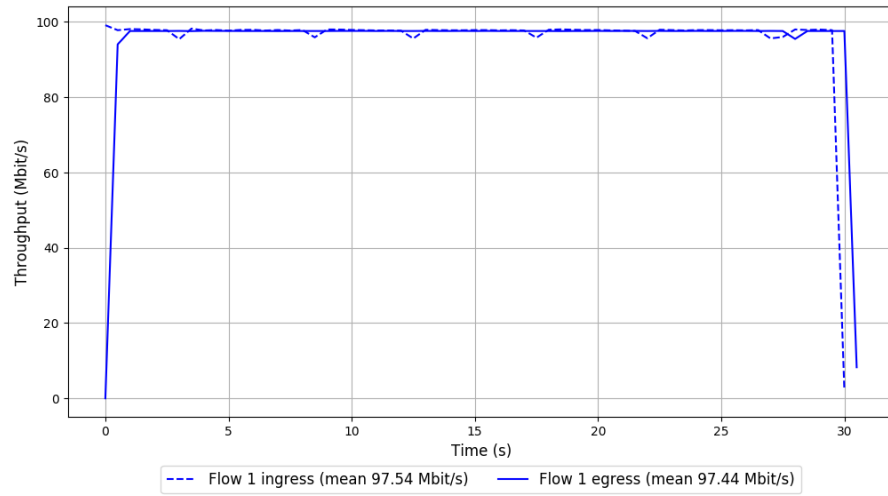
-- Flow 1:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 33.280 ms

Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2019-03-26 20:11:04

End at: 2019-03-26 20:11:34

Local clock offset: -8.713 ms

Remote clock offset: 0.039 ms

Below is generated by plot.py at 2019-03-26 22:07:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 10.074 ms

Loss rate: 0.25%

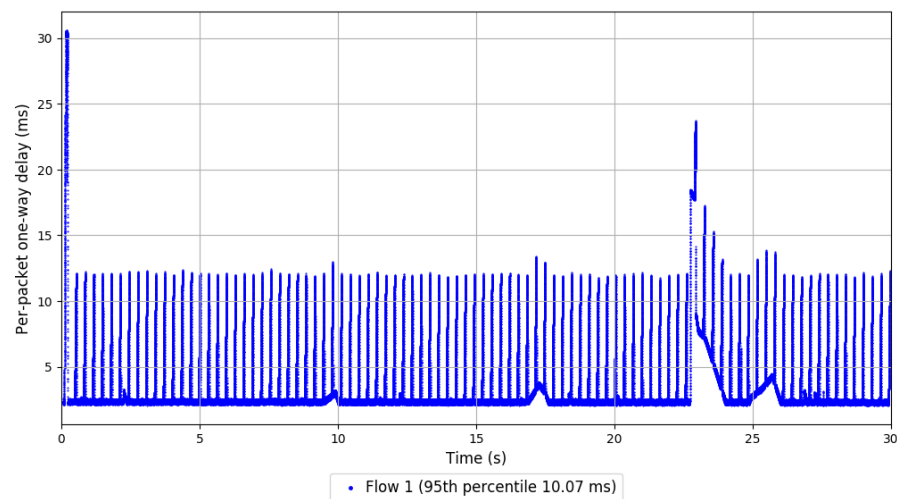
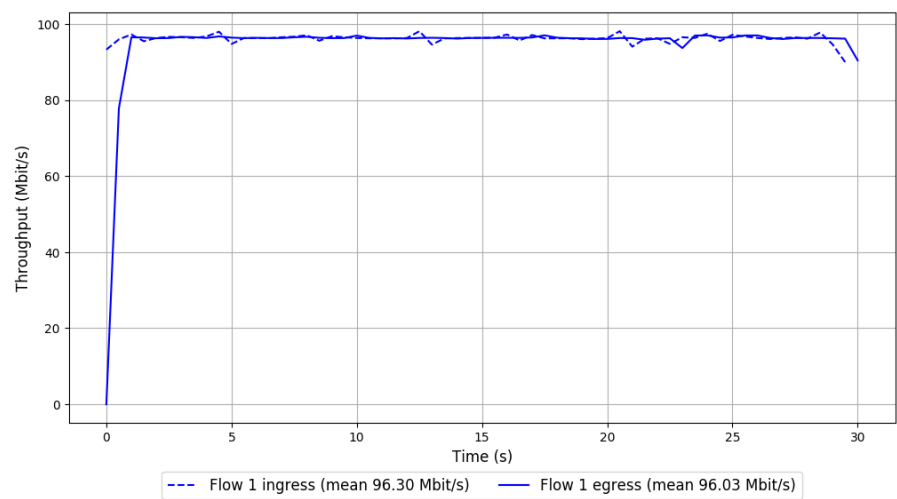
-- Flow 1:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 10.074 ms

Loss rate: 0.25%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-03-26 20:34:31

End at: 2019-03-26 20:35:01

Local clock offset: -7.758 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at 2019-03-26 22:07:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.08 Mbit/s

95th percentile per-packet one-way delay: 11.919 ms

Loss rate: 0.25%

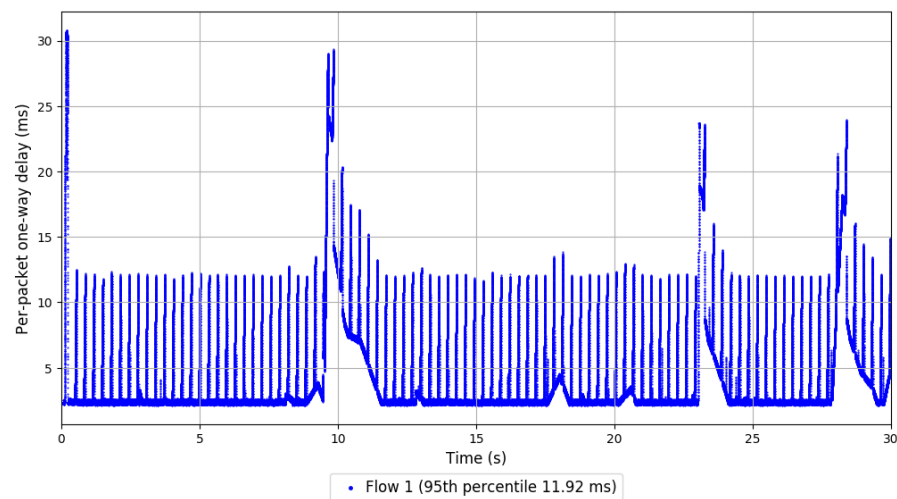
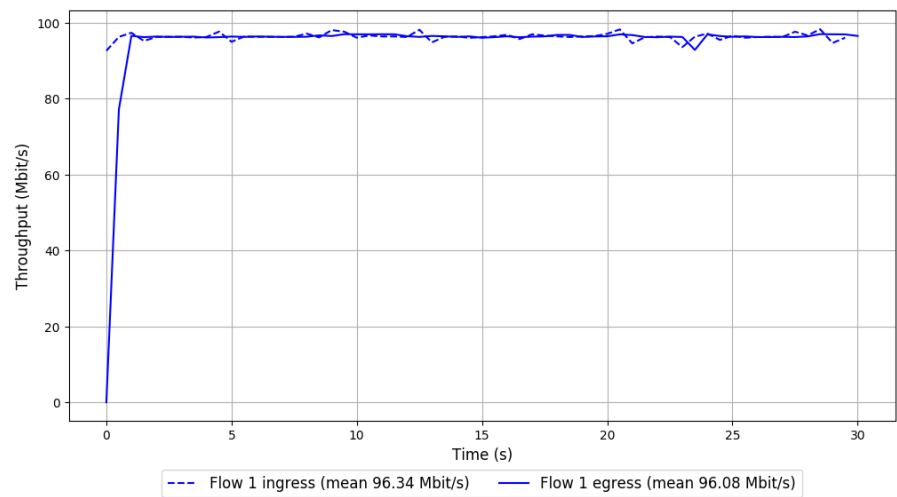
-- Flow 1:

Average throughput: 96.08 Mbit/s

95th percentile per-packet one-way delay: 11.919 ms

Loss rate: 0.25%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-03-26 20:58:00

End at: 2019-03-26 20:58:30

Local clock offset: -7.152 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at 2019-03-26 22:07:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 8.959 ms

Loss rate: 0.31%

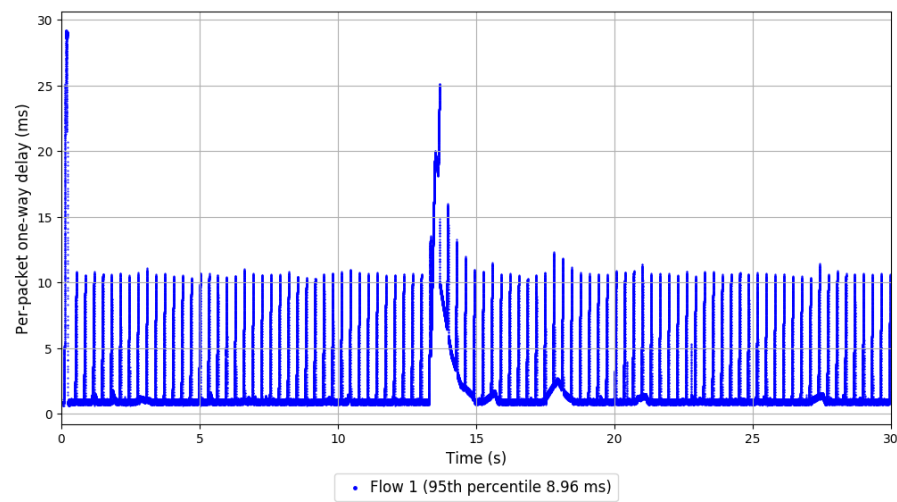
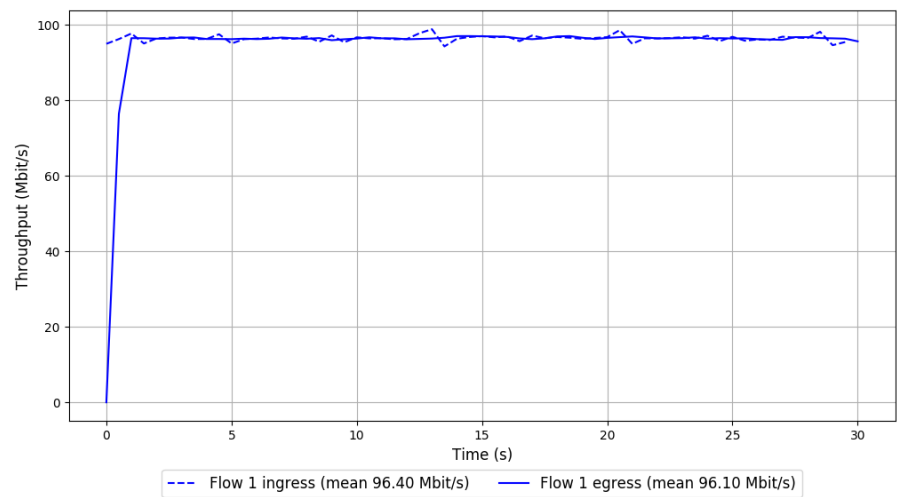
-- Flow 1:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 8.959 ms

Loss rate: 0.31%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-03-26 21:21:27

End at: 2019-03-26 21:21:57

Local clock offset: -5.693 ms

Remote clock offset: 0.158 ms

Below is generated by plot.py at 2019-03-26 22:07:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.95 Mbit/s

95th percentile per-packet one-way delay: 10.084 ms

Loss rate: 0.32%

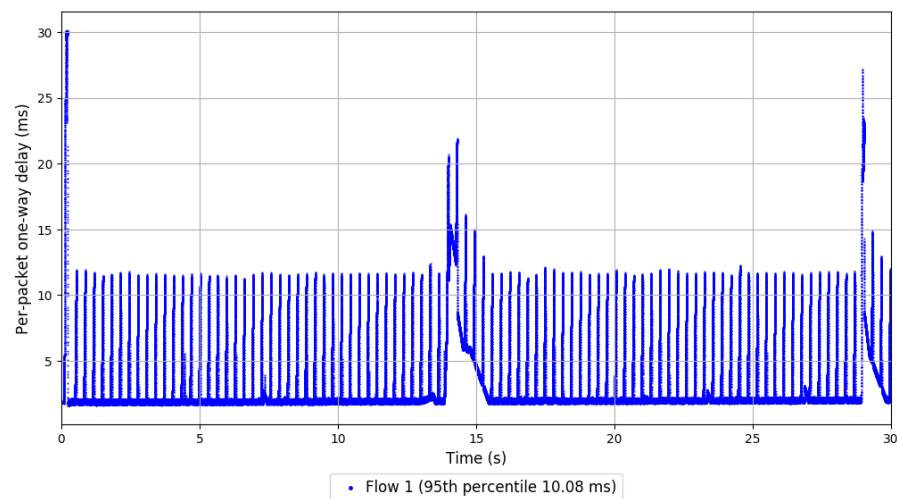
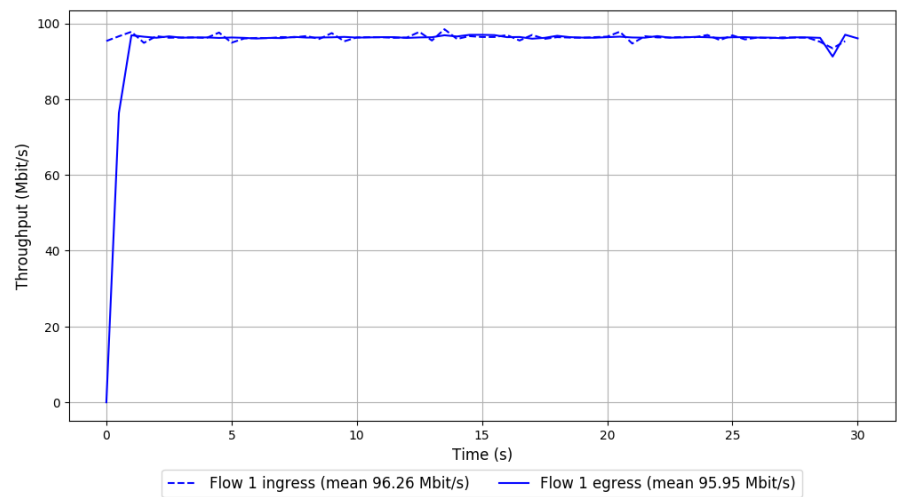
-- Flow 1:

Average throughput: 95.95 Mbit/s

95th percentile per-packet one-way delay: 10.084 ms

Loss rate: 0.32%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-03-26 21:45:00

End at: 2019-03-26 21:45:30

Local clock offset: -1.632 ms

Remote clock offset: 0.018 ms

Below is generated by plot.py at 2019-03-26 22:07:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 10.545 ms

Loss rate: 0.26%

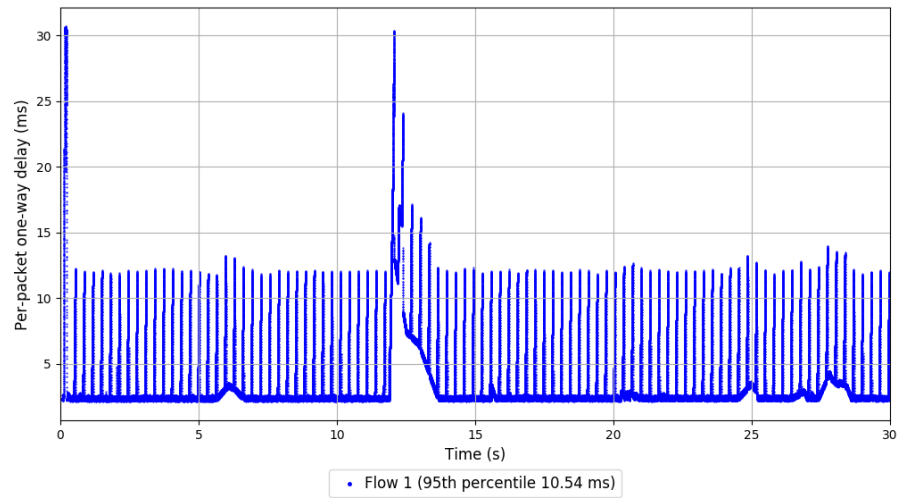
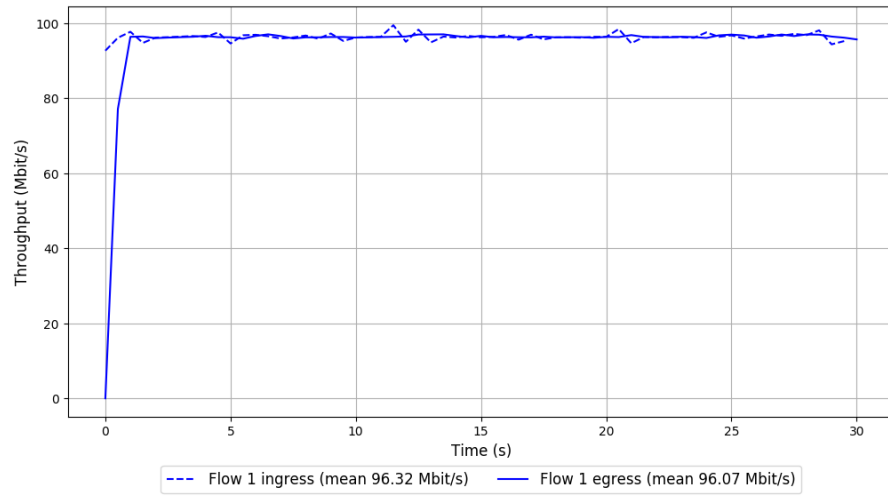
-- Flow 1:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 10.545 ms

Loss rate: 0.26%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-03-26 20:16:40

End at: 2019-03-26 20:17:10

Local clock offset: -9.014 ms

Remote clock offset: 0.047 ms

Below is generated by plot.py at 2019-03-26 22:07:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.61 Mbit/s

95th percentile per-packet one-way delay: 6.359 ms

Loss rate: 0.09%

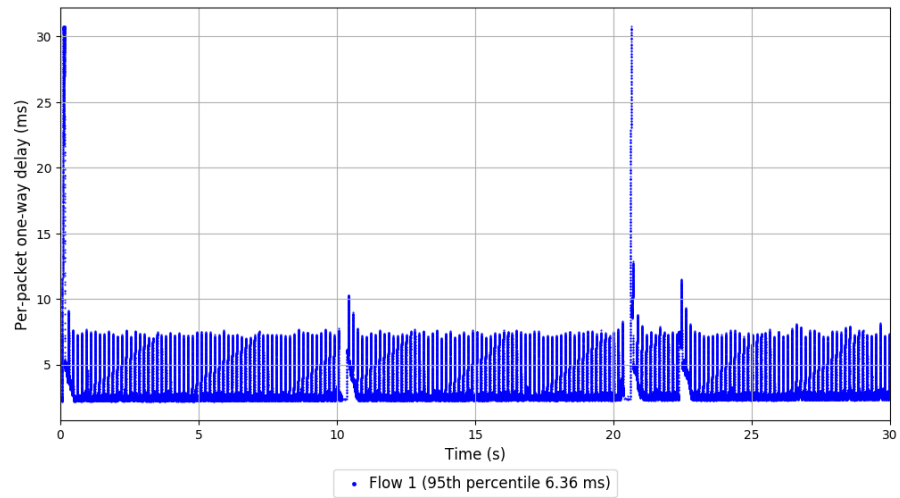
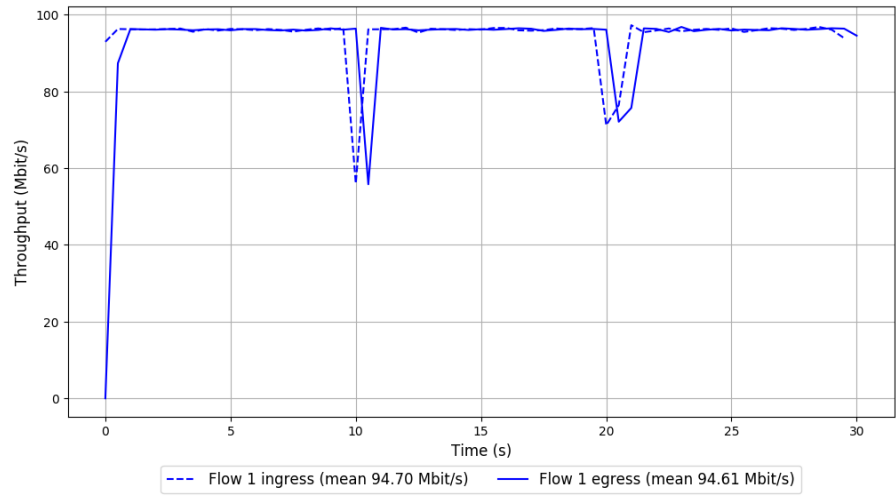
-- Flow 1:

Average throughput: 94.61 Mbit/s

95th percentile per-packet one-way delay: 6.359 ms

Loss rate: 0.09%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-03-26 20:40:10

End at: 2019-03-26 20:40:40

Local clock offset: -8.677 ms

Remote clock offset: 0.12 ms

Below is generated by plot.py at 2019-03-26 22:08:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 5.522 ms

Loss rate: 0.07%

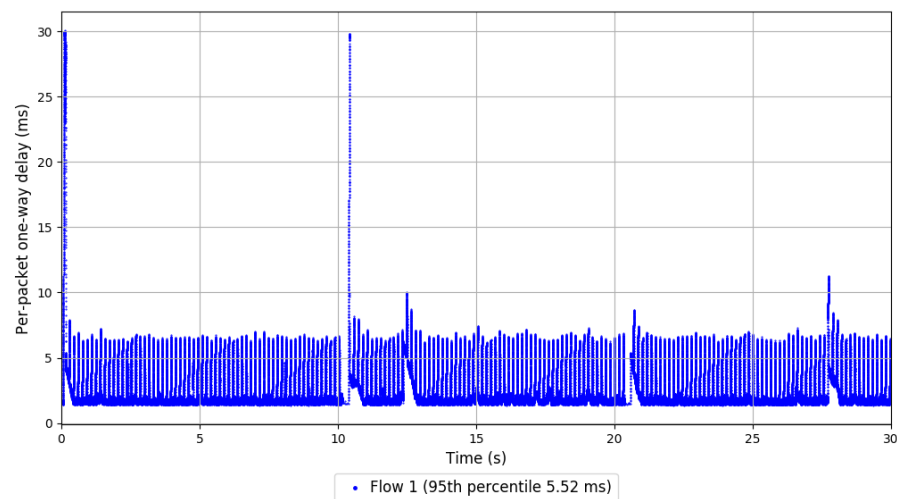
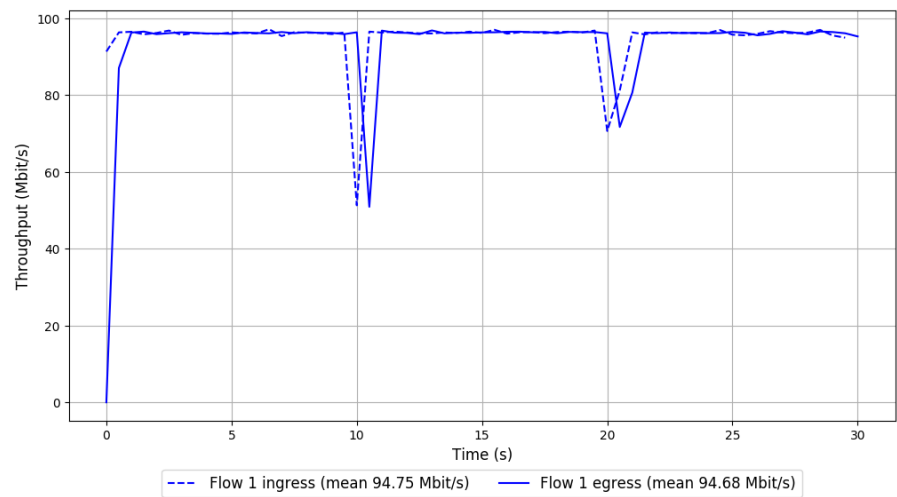
-- Flow 1:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 5.522 ms

Loss rate: 0.07%

Run 2: Report of FillP-Sheep — Data Link

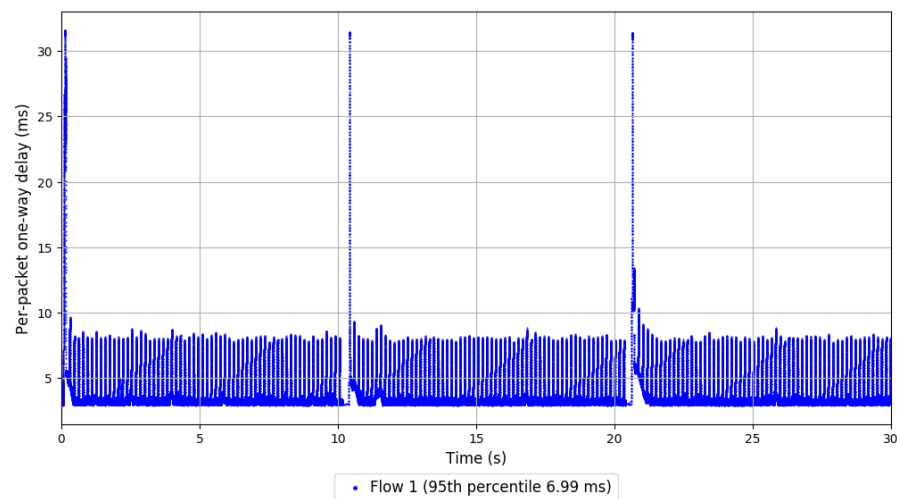
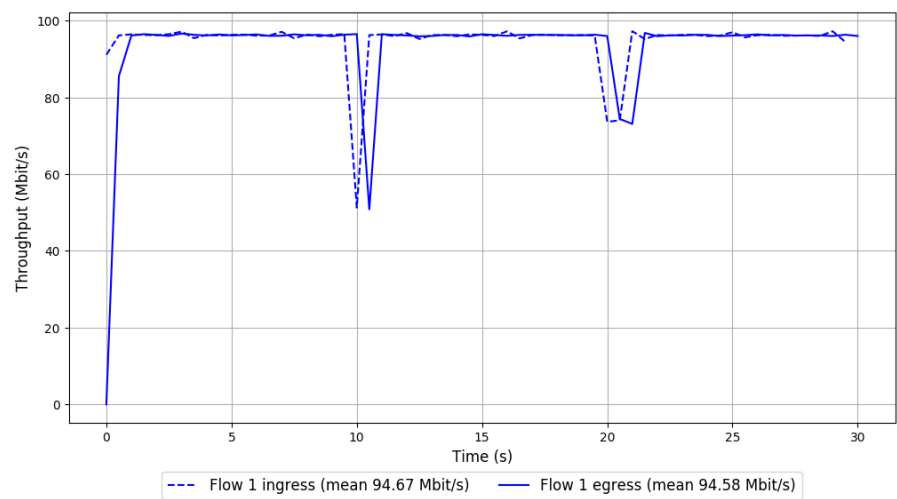


Run 3: Statistics of FillP-Sheep

Start at: 2019-03-26 21:03:38
End at: 2019-03-26 21:04:08
Local clock offset: -7.846 ms
Remote clock offset: 0.181 ms

Below is generated by plot.py at 2019-03-26 22:08:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.58 Mbit/s
95th percentile per-packet one-way delay: 6.993 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 94.58 Mbit/s
95th percentile per-packet one-way delay: 6.993 ms
Loss rate: 0.09%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-03-26 21:27:05

End at: 2019-03-26 21:27:35

Local clock offset: -3.486 ms

Remote clock offset: 0.078 ms

Below is generated by plot.py at 2019-03-26 22:08:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 5.352 ms

Loss rate: 0.08%

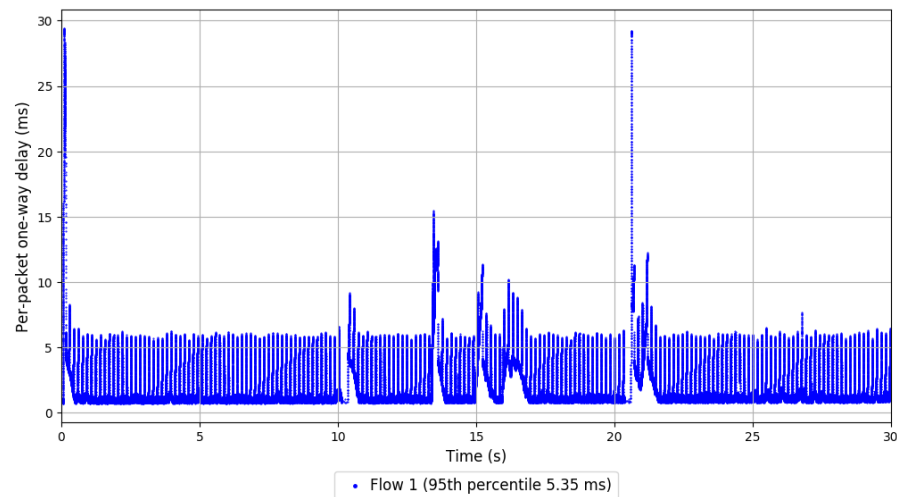
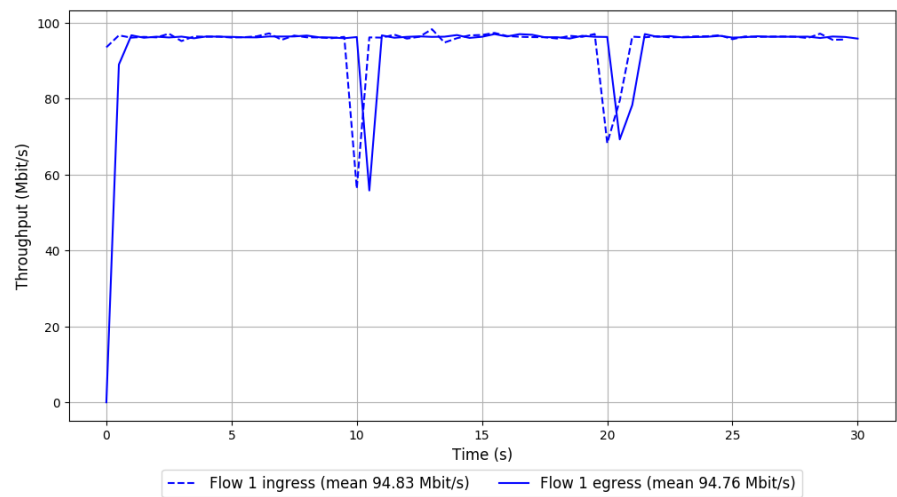
-- Flow 1:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 5.352 ms

Loss rate: 0.08%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-03-26 21:50:38

End at: 2019-03-26 21:51:08

Local clock offset: -1.338 ms

Remote clock offset: 0.023 ms

Below is generated by plot.py at 2019-03-26 22:08:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.72 Mbit/s

95th percentile per-packet one-way delay: 6.764 ms

Loss rate: 0.09%

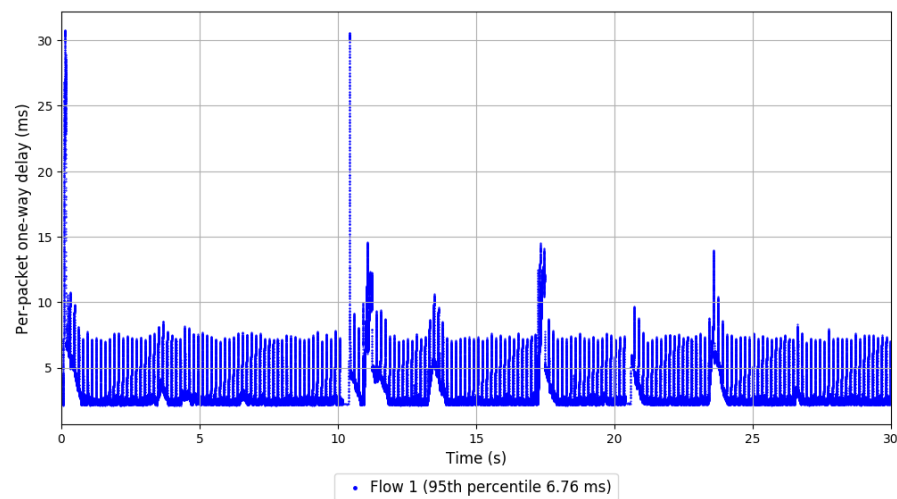
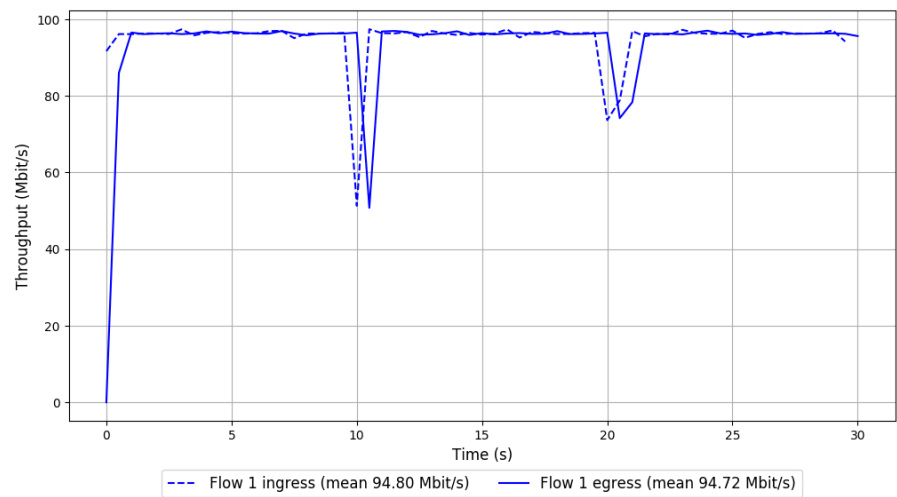
-- Flow 1:

Average throughput: 94.72 Mbit/s

95th percentile per-packet one-way delay: 6.764 ms

Loss rate: 0.09%

Run 5: Report of FillP-Sheep — Data Link

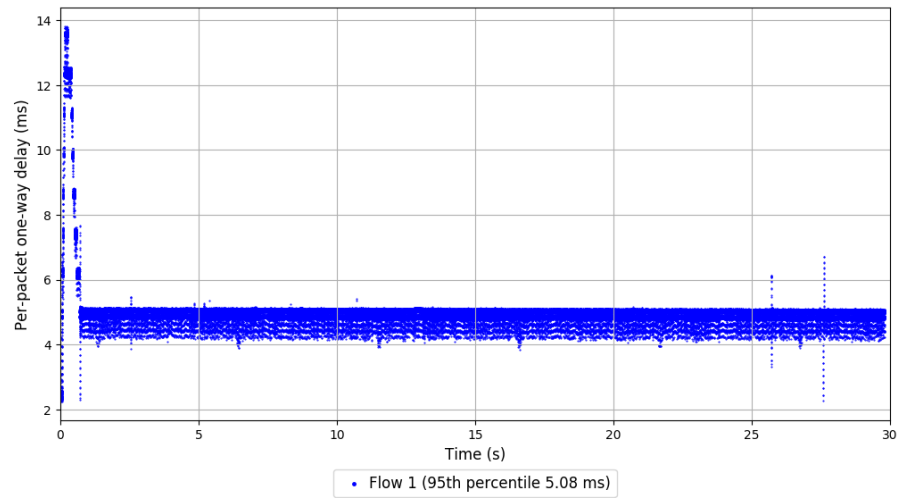
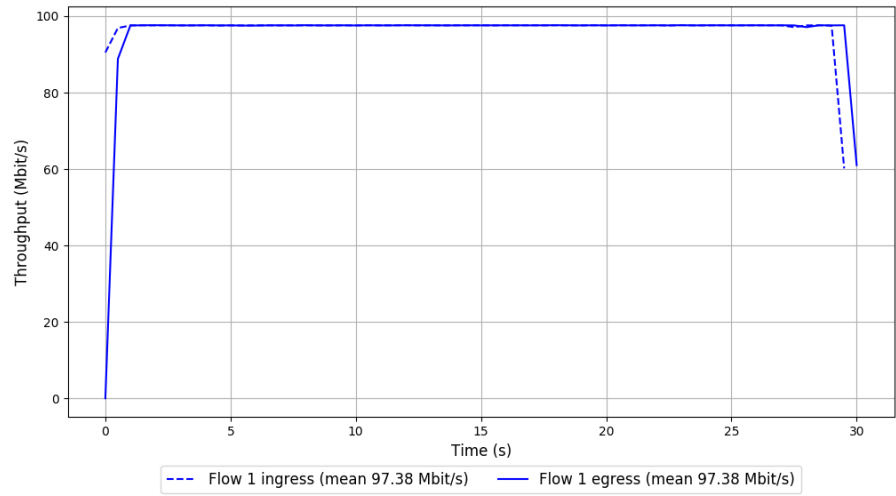


```
Run 1: Statistics of Indigo

Start at: 2019-03-26 20:14:23
End at: 2019-03-26 20:14:53
Local clock offset: -9.007 ms
Remote clock offset: 0.065 ms

# Below is generated by plot.py at 2019-03-26 22:08:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 5.085 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 5.085 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-03-26 20:37:52

End at: 2019-03-26 20:38:22

Local clock offset: -7.836 ms

Remote clock offset: 0.119 ms

Below is generated by plot.py at 2019-03-26 22:08:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 3.832 ms

Loss rate: 0.00%

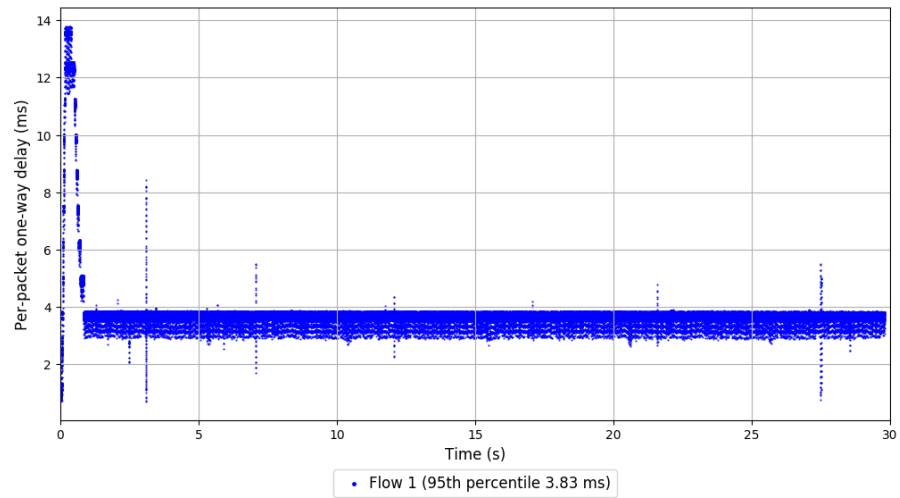
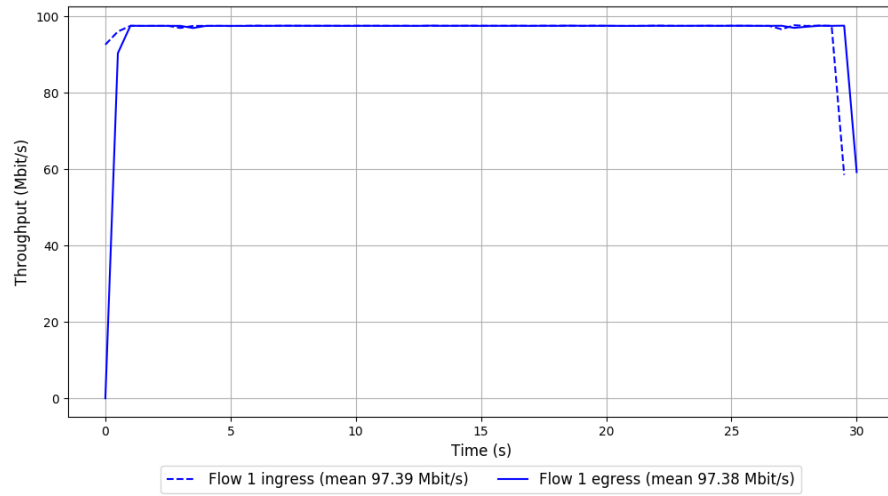
-- Flow 1:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 3.832 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-03-26 21:01:21

End at: 2019-03-26 21:01:51

Local clock offset: -7.866 ms

Remote clock offset: 0.124 ms

Below is generated by plot.py at 2019-03-26 22:08:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.93 Mbit/s

95th percentile per-packet one-way delay: 5.843 ms

Loss rate: 0.00%

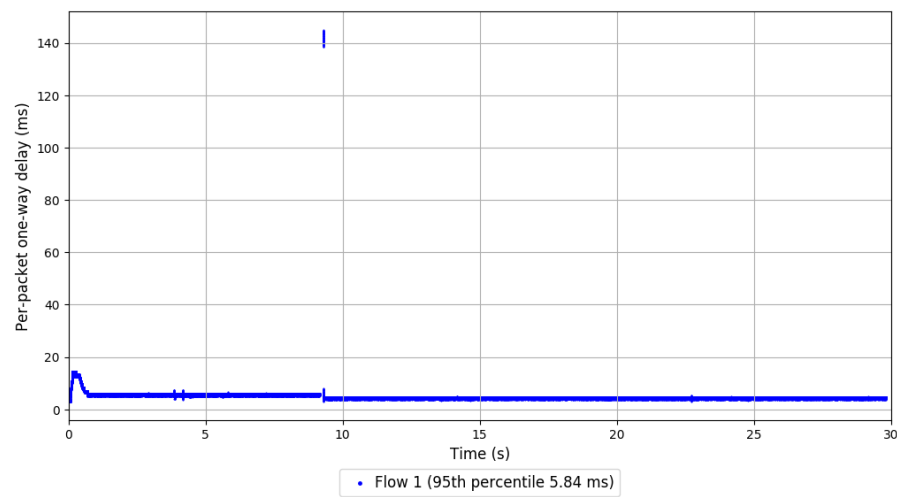
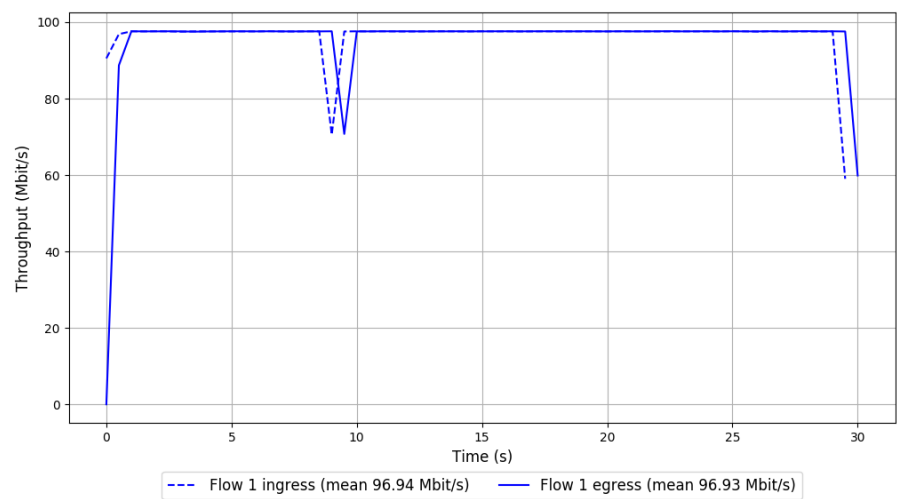
-- Flow 1:

Average throughput: 96.93 Mbit/s

95th percentile per-packet one-way delay: 5.843 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-03-26 21:24:47

End at: 2019-03-26 21:25:17

Local clock offset: -3.928 ms

Remote clock offset: 0.045 ms

Below is generated by plot.py at 2019-03-26 22:09:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 4.858 ms

Loss rate: 0.00%

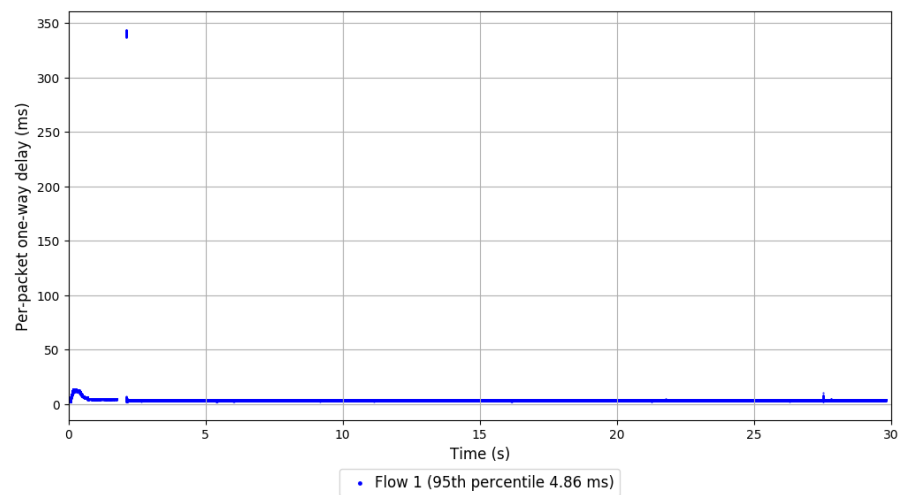
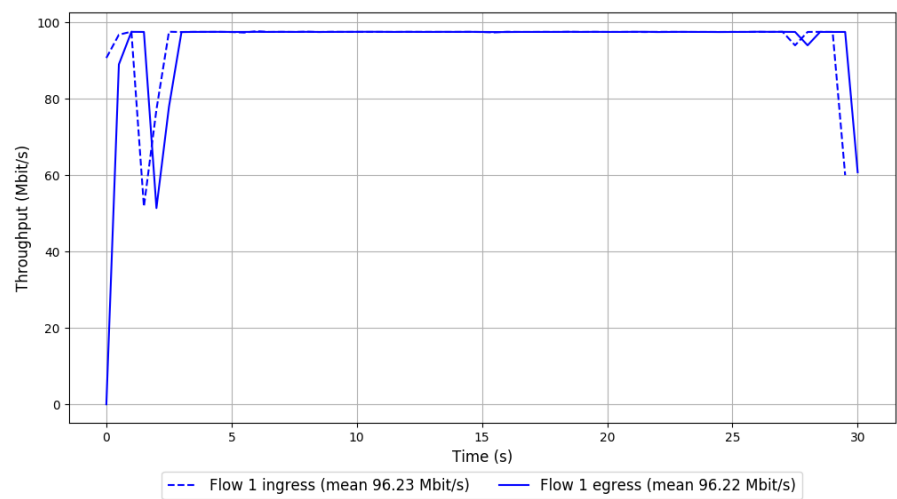
-- Flow 1:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 4.858 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-03-26 21:48:21

End at: 2019-03-26 21:48:51

Local clock offset: -2.214 ms

Remote clock offset: 0.114 ms

Below is generated by plot.py at 2019-03-26 22:09:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 4.713 ms

Loss rate: 0.00%

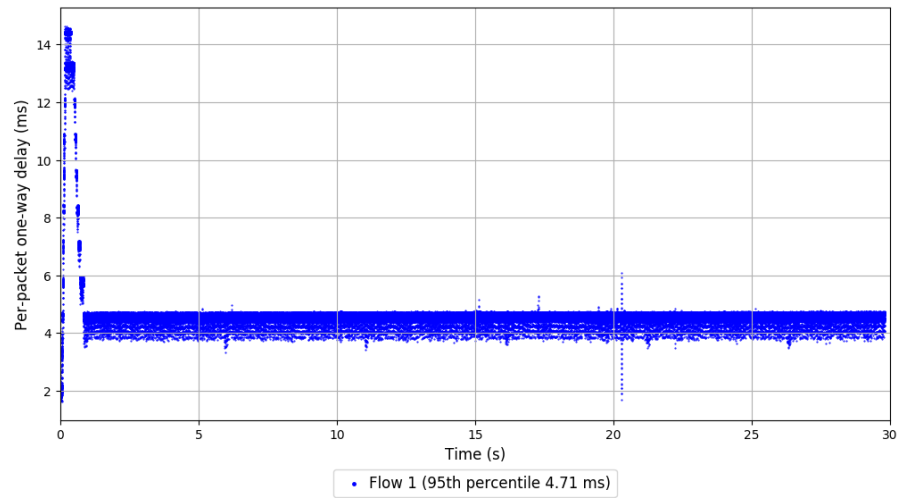
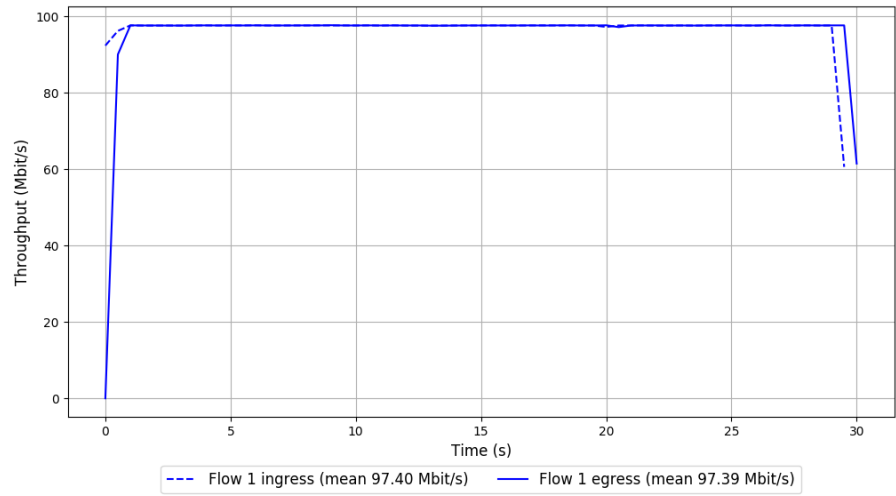
-- Flow 1:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 4.713 ms

Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-03-26 20:23:21

End at: 2019-03-26 20:23:51

Local clock offset: -8.778 ms

Remote clock offset: 0.079 ms

Below is generated by plot.py at 2019-03-26 22:09:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.05 Mbit/s

95th percentile per-packet one-way delay: 3.732 ms

Loss rate: 0.00%

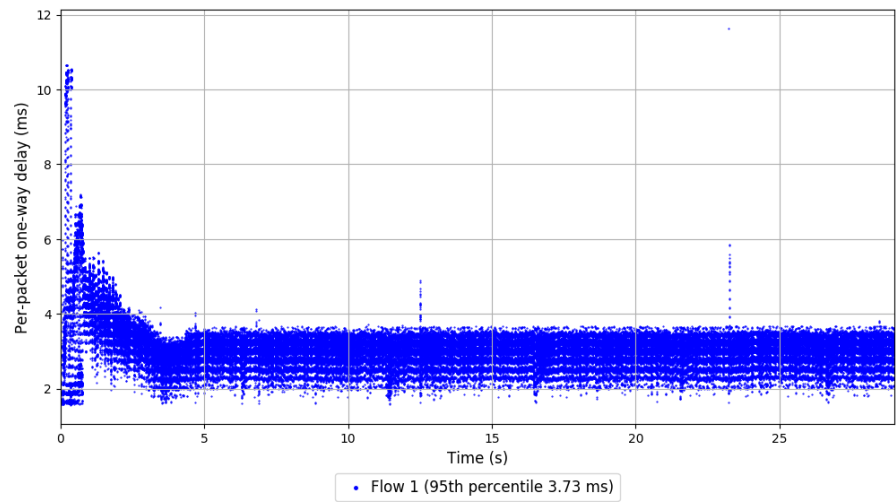
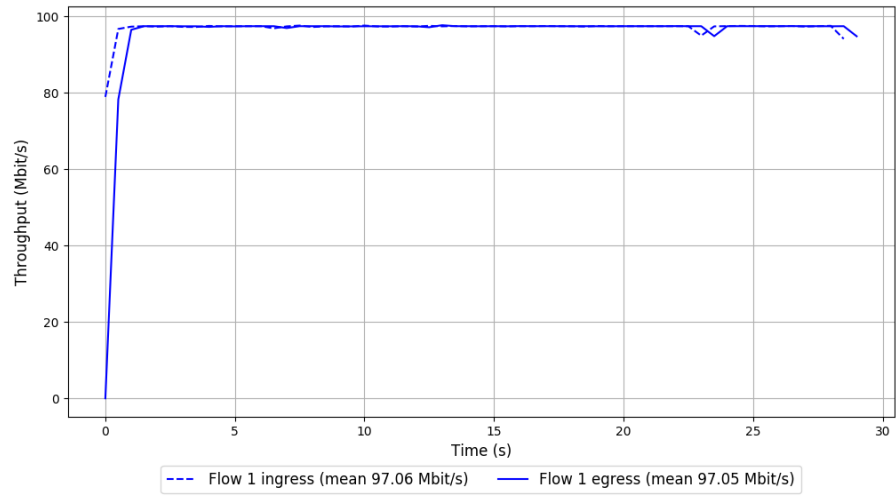
-- Flow 1:

Average throughput: 97.05 Mbit/s

95th percentile per-packet one-way delay: 3.732 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-03-26 20:46:50

End at: 2019-03-26 20:47:20

Local clock offset: -8.074 ms

Remote clock offset: 0.143 ms

Below is generated by plot.py at 2019-03-26 22:09:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 3.968 ms

Loss rate: 0.00%

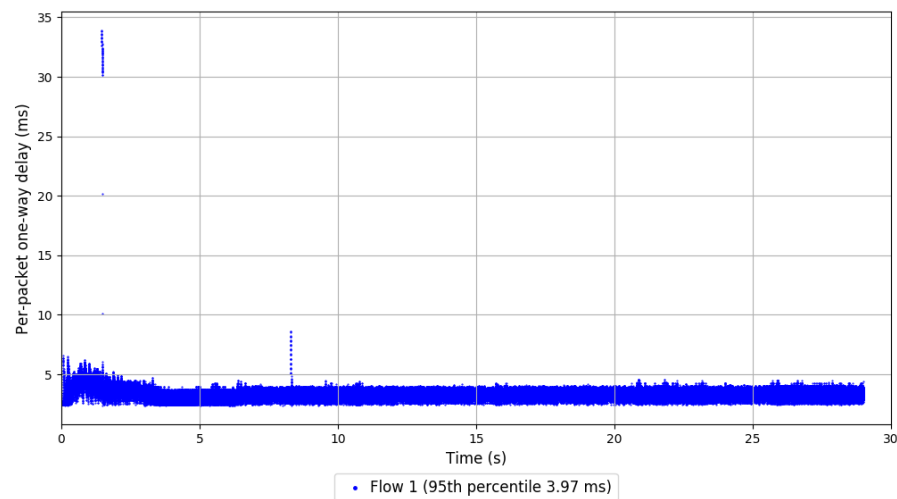
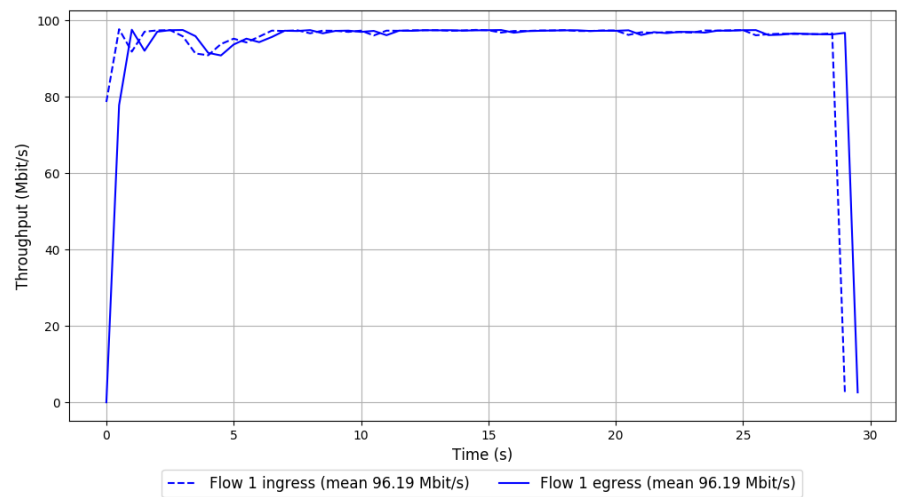
-- Flow 1:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 3.968 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link



Run 3: Statistics of Indigo-MusesC3

Start at: 2019-03-26 21:10:17

End at: 2019-03-26 21:10:47

Local clock offset: -7.891 ms

Remote clock offset: 0.195 ms

Below is generated by plot.py at 2019-03-26 22:09:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.92 Mbit/s

95th percentile per-packet one-way delay: 4.963 ms

Loss rate: 0.00%

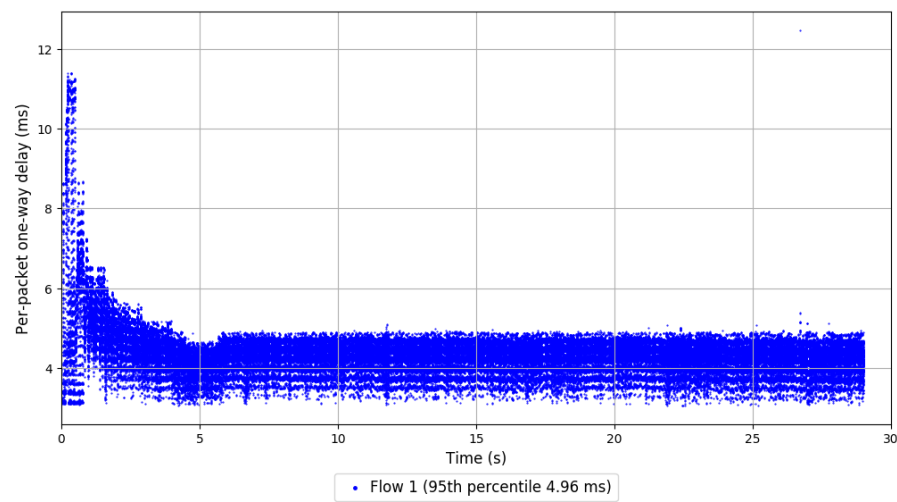
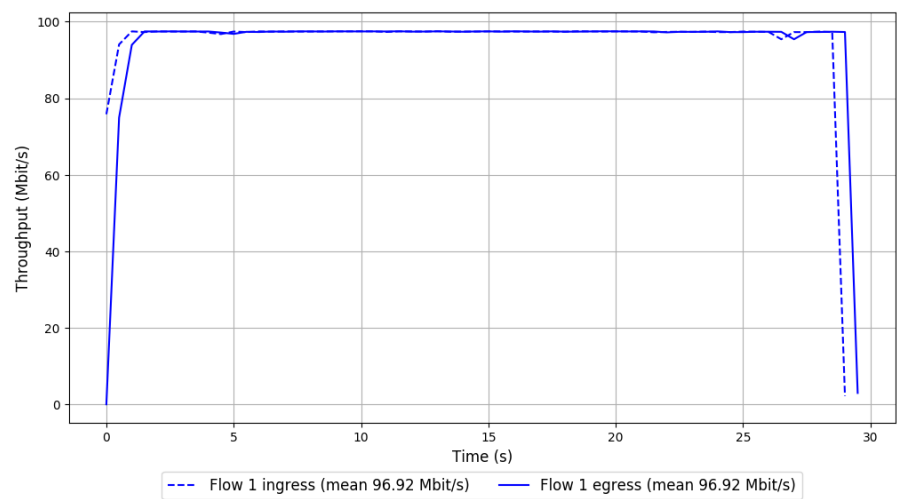
-- Flow 1:

Average throughput: 96.92 Mbit/s

95th percentile per-packet one-way delay: 4.963 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-03-26 21:33:44

End at: 2019-03-26 21:34:14

Local clock offset: -3.266 ms

Remote clock offset: 0.094 ms

Below is generated by plot.py at 2019-03-26 22:09:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 4.915 ms

Loss rate: 0.00%

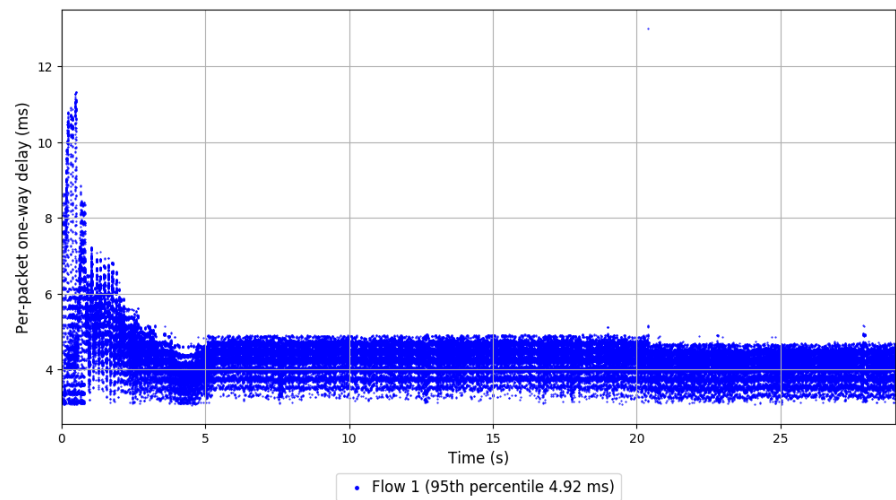
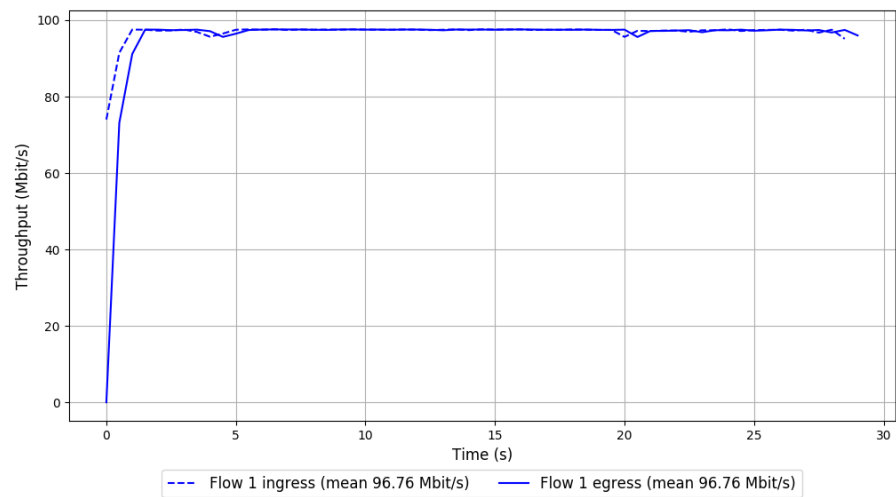
-- Flow 1:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 4.915 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC3 — Data Link

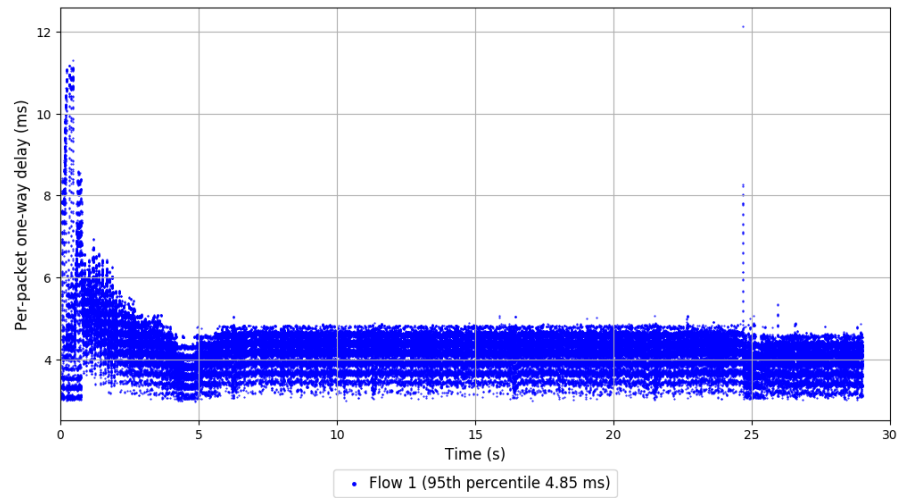
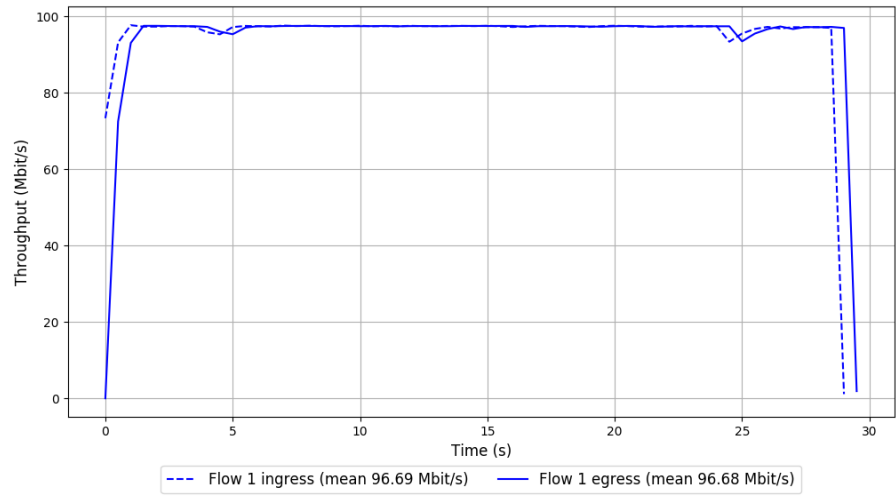


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-03-26 21:57:18
End at: 2019-03-26 21:57:48
Local clock offset: -1.81 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2019-03-26 22:10:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 4.846 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 4.846 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-03-26 20:24:29

End at: 2019-03-26 20:24:59

Local clock offset: -7.921 ms

Remote clock offset: 0.114 ms

Below is generated by plot.py at 2019-03-26 22:10:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.68 Mbit/s

95th percentile per-packet one-way delay: 3.577 ms

Loss rate: 0.00%

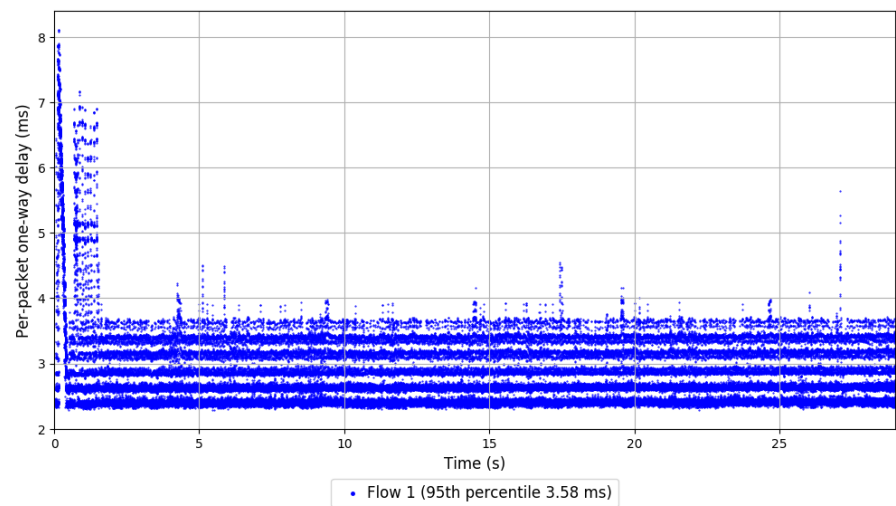
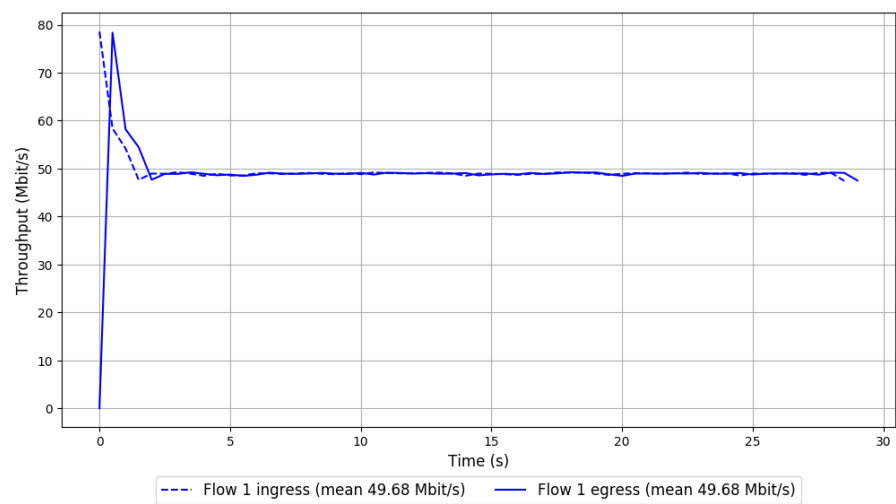
-- Flow 1:

Average throughput: 49.68 Mbit/s

95th percentile per-packet one-way delay: 3.577 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-03-26 20:47:58

End at: 2019-03-26 20:48:28

Local clock offset: -7.943 ms

Remote clock offset: 0.193 ms

Below is generated by plot.py at 2019-03-26 22:10:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.98 Mbit/s

95th percentile per-packet one-way delay: 3.541 ms

Loss rate: 0.00%

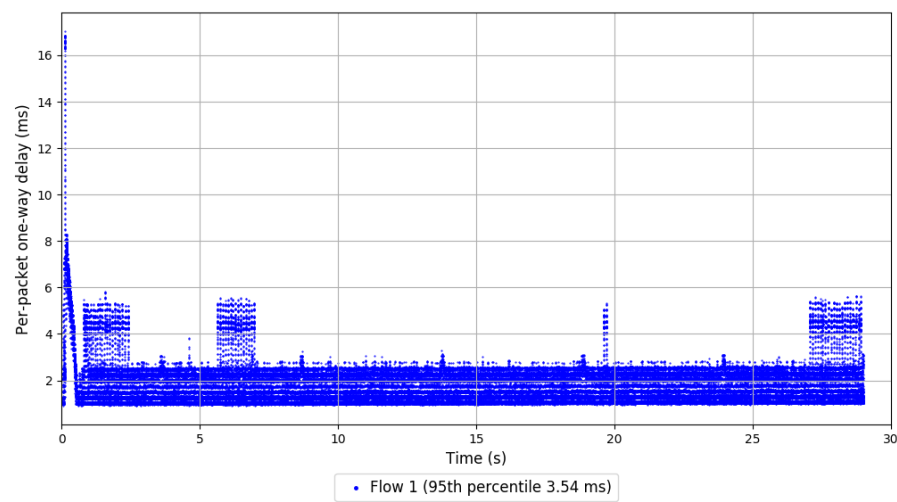
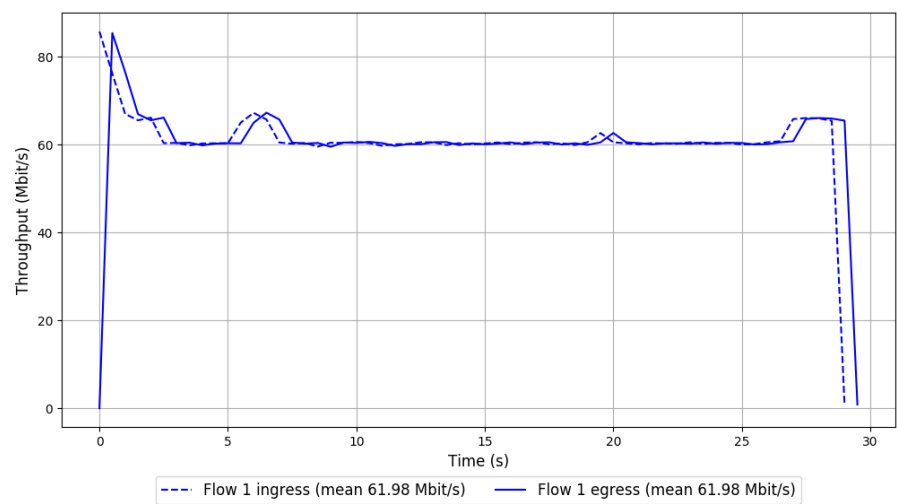
-- Flow 1:

Average throughput: 61.98 Mbit/s

95th percentile per-packet one-way delay: 3.541 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-03-26 21:11:25

End at: 2019-03-26 21:11:55

Local clock offset: -7.16 ms

Remote clock offset: 0.137 ms

Below is generated by plot.py at 2019-03-26 22:10:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.76 Mbit/s

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

Loss rate: 0.00%

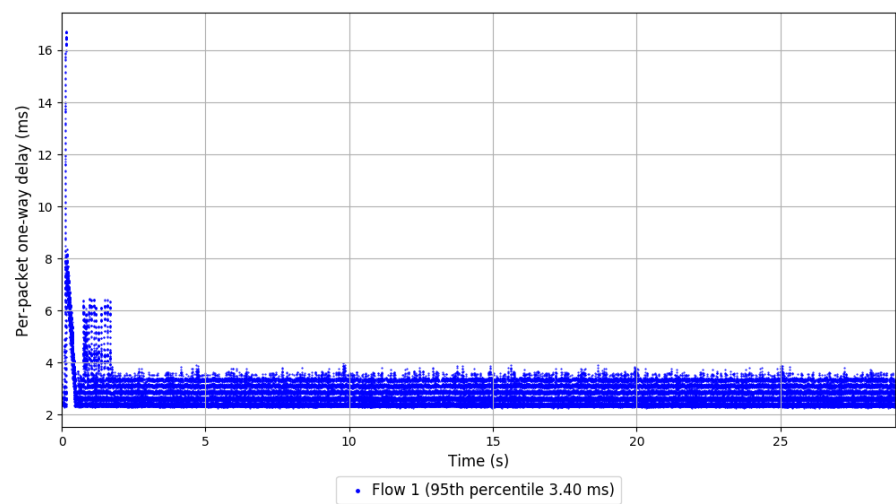
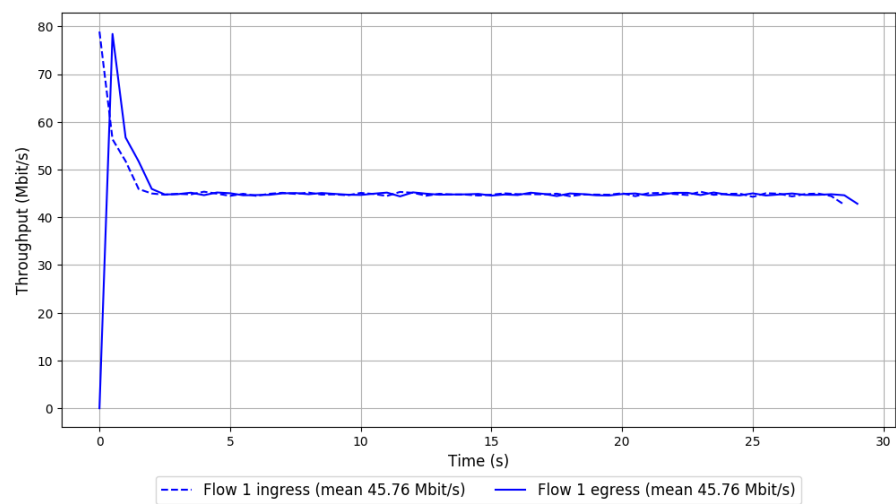
-- Flow 1:

Average throughput: 45.76 Mbit/s

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

Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-03-26 21:34:52

End at: 2019-03-26 21:35:22

Local clock offset: -2.395 ms

Remote clock offset: 0.146 ms

Below is generated by plot.py at 2019-03-26 22:10:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.62 Mbit/s

95th percentile per-packet one-way delay: 4.264 ms

Loss rate: 0.00%

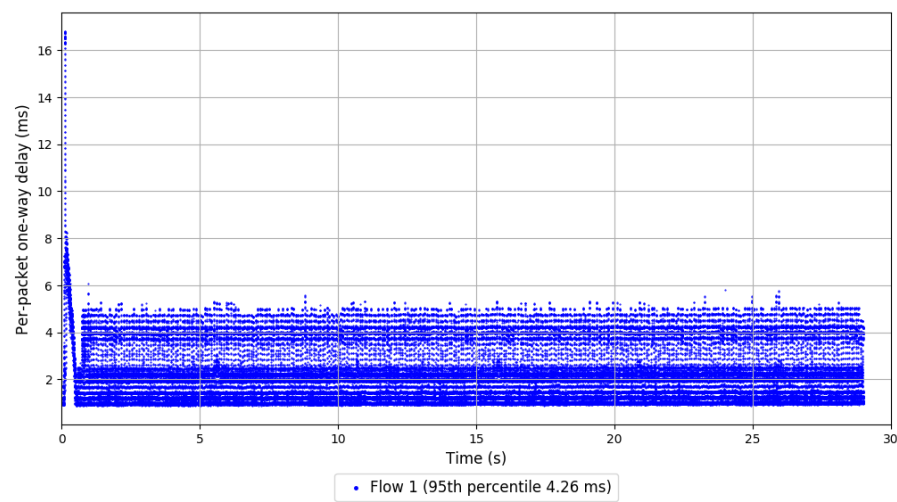
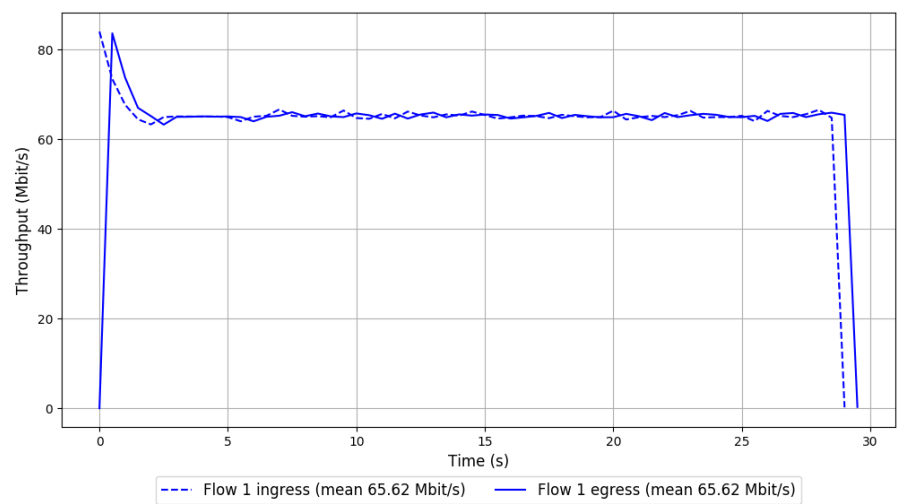
-- Flow 1:

Average throughput: 65.62 Mbit/s

95th percentile per-packet one-way delay: 4.264 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-03-26 21:58:26

End at: 2019-03-26 21:58:56

Local clock offset: -1.723 ms

Remote clock offset: 0.091 ms

Below is generated by plot.py at 2019-03-26 22:10:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.51 Mbit/s

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

Loss rate: 0.00%

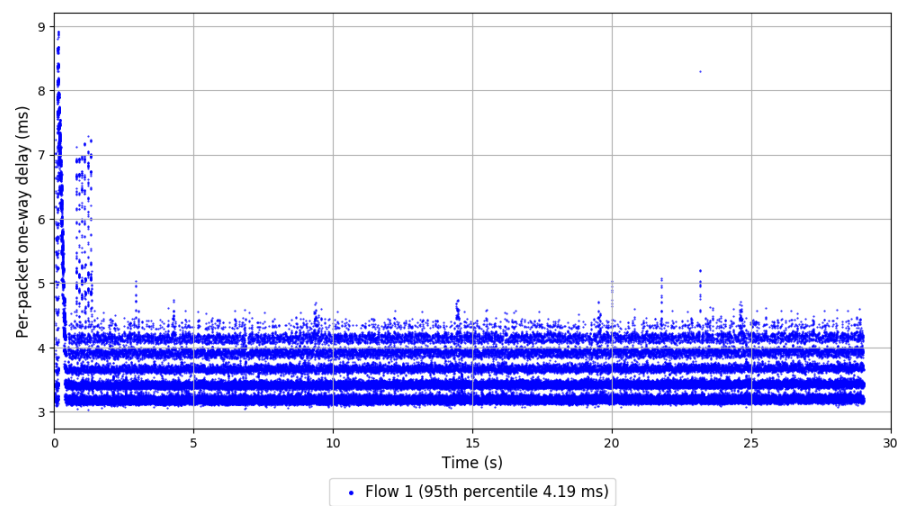
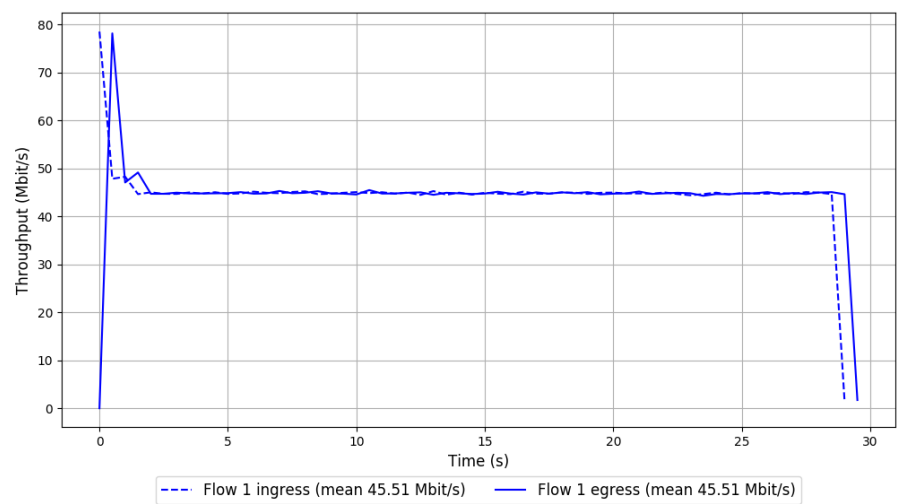
-- Flow 1:

Average throughput: 45.51 Mbit/s

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

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-03-26 20:12:11

End at: 2019-03-26 20:12:41

Local clock offset: -8.806 ms

Remote clock offset: 0.067 ms

Below is generated by plot.py at 2019-03-26 22:10:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.20 Mbit/s

95th percentile per-packet one-way delay: 2.789 ms

Loss rate: 0.00%

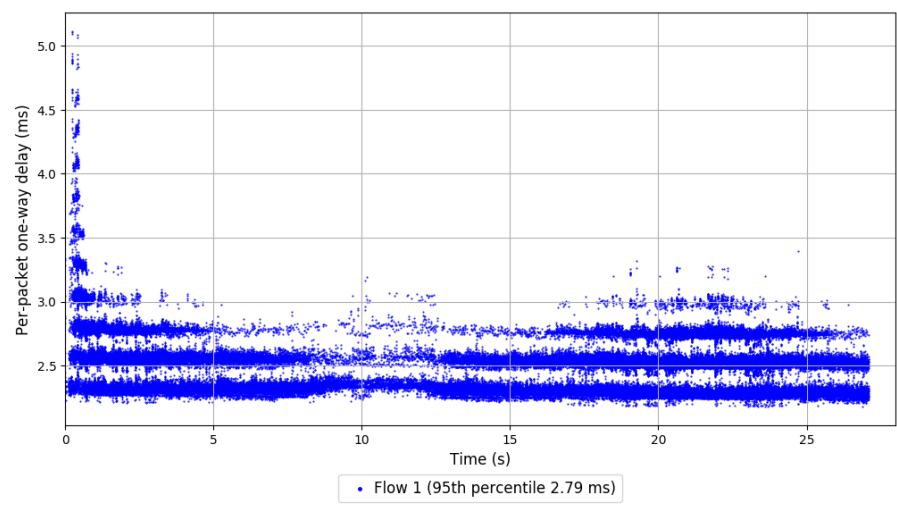
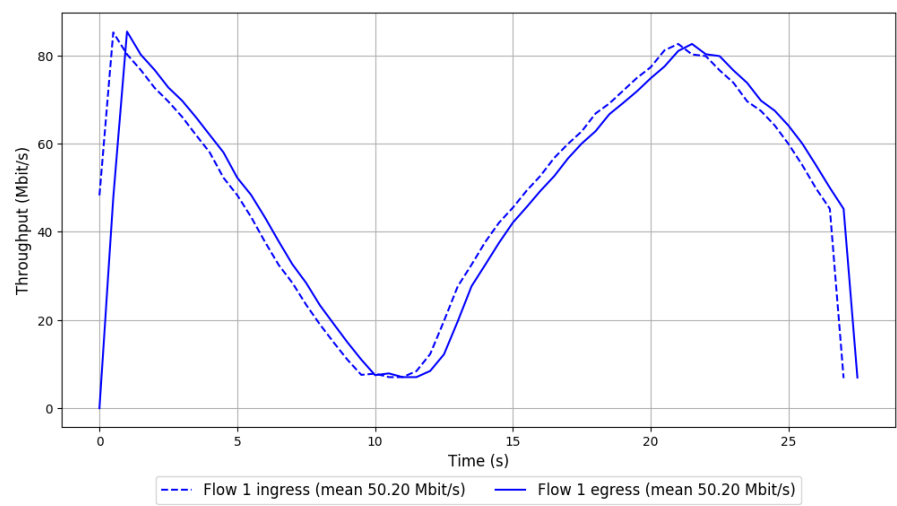
-- Flow 1:

Average throughput: 50.20 Mbit/s

95th percentile per-packet one-way delay: 2.789 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-03-26 20:35:39

End at: 2019-03-26 20:36:09

Local clock offset: -8.543 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at 2019-03-26 22:10:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.10 Mbit/s

95th percentile per-packet one-way delay: 5.140 ms

Loss rate: 0.00%

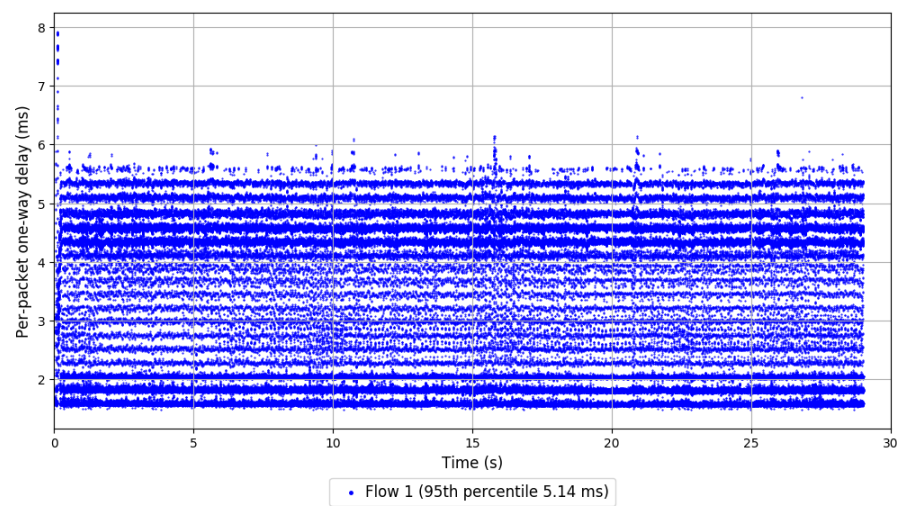
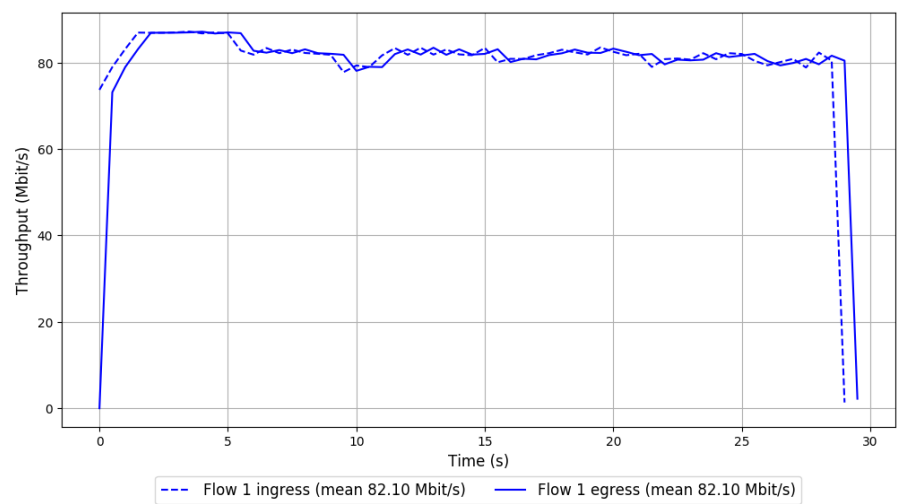
-- Flow 1:

Average throughput: 82.10 Mbit/s

95th percentile per-packet one-way delay: 5.140 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-03-26 20:59:08

End at: 2019-03-26 20:59:38

Local clock offset: -7.887 ms

Remote clock offset: 0.108 ms

Below is generated by plot.py at 2019-03-26 22:10:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.32 Mbit/s

95th percentile per-packet one-way delay: 5.418 ms

Loss rate: 0.00%

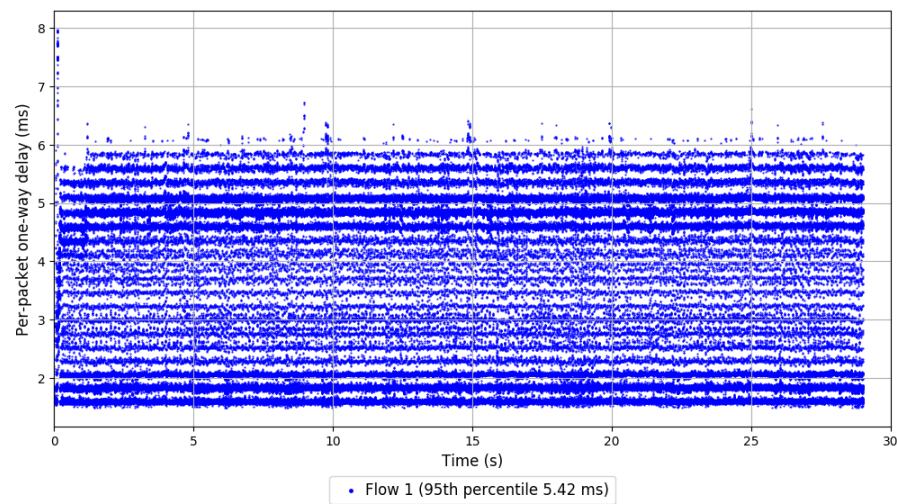
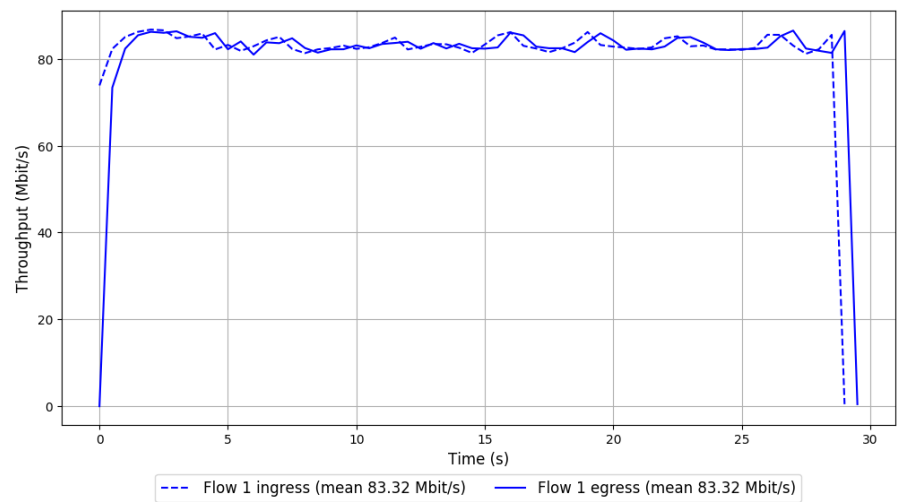
-- Flow 1:

Average throughput: 83.32 Mbit/s

95th percentile per-packet one-way delay: 5.418 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-03-26 21:22:34

End at: 2019-03-26 21:23:04

Local clock offset: -4.528 ms

Remote clock offset: 0.051 ms

Below is generated by plot.py at 2019-03-26 22:10:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.56 Mbit/s

95th percentile per-packet one-way delay: 4.529 ms

Loss rate: 0.00%

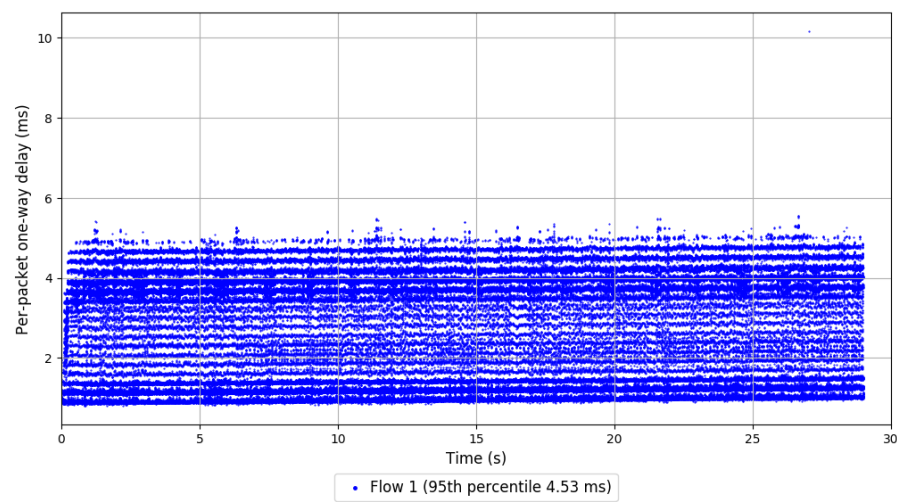
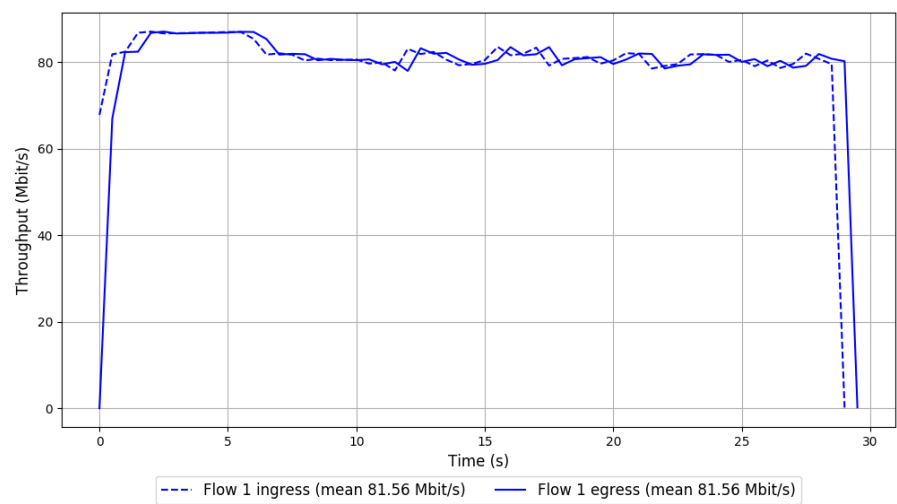
-- Flow 1:

Average throughput: 81.56 Mbit/s

95th percentile per-packet one-way delay: 4.529 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-03-26 21:46:07

End at: 2019-03-26 21:46:37

Local clock offset: -2.421 ms

Remote clock offset: 0.05 ms

Below is generated by plot.py at 2019-03-26 22:10:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.95 Mbit/s

95th percentile per-packet one-way delay: 5.301 ms

Loss rate: 0.00%

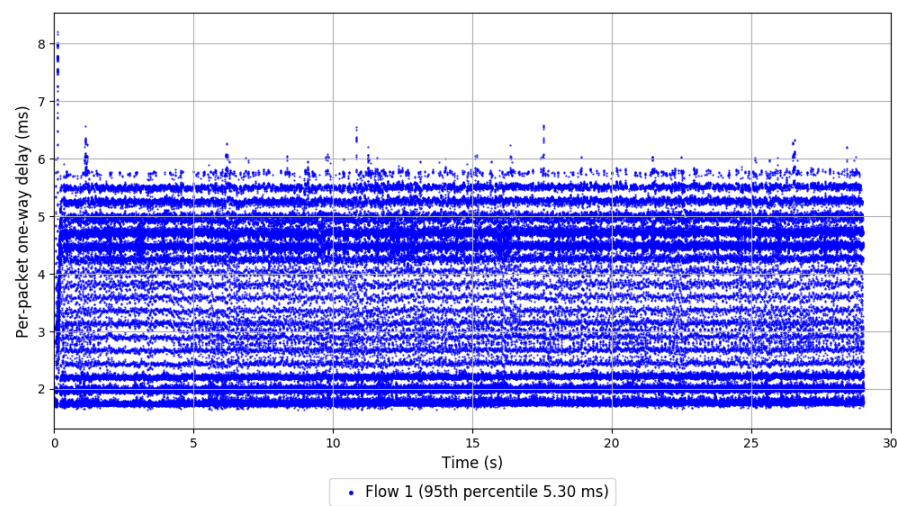
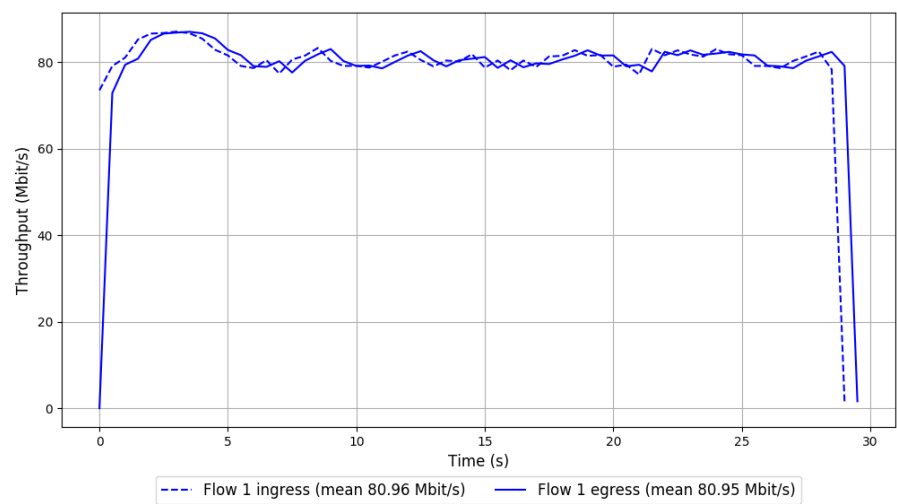
-- Flow 1:

Average throughput: 80.95 Mbit/s

95th percentile per-packet one-way delay: 5.301 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link

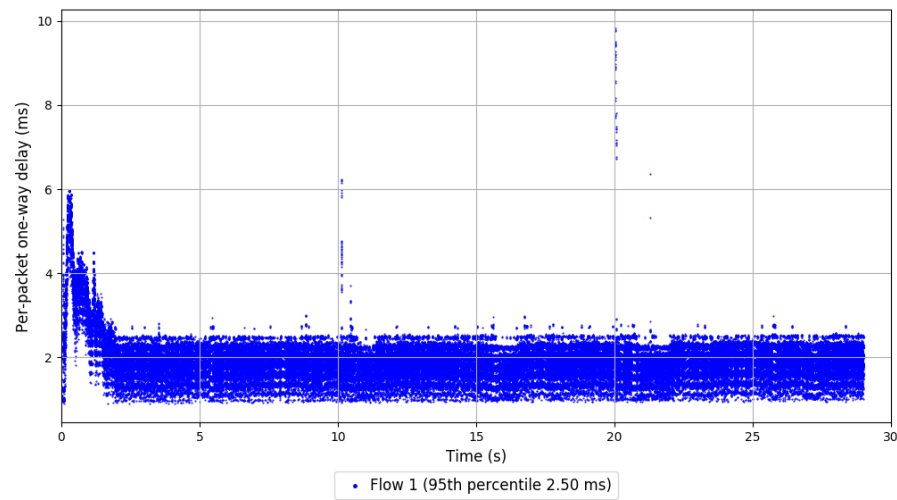
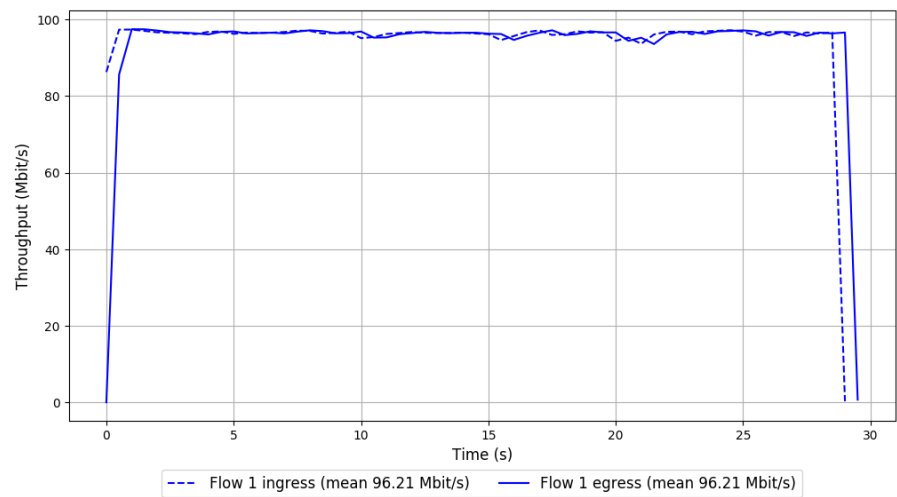


```
Run 1: Statistics of Indigo-MusesT

Start at: 2019-03-26 20:21:05
End at: 2019-03-26 20:21:35
Local clock offset: -8.264 ms
Remote clock offset: 0.14 ms

# Below is generated by plot.py at 2019-03-26 22:11:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 2.499 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 2.499 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-03-26 20:44:34

End at: 2019-03-26 20:45:04

Local clock offset: -8.92 ms

Remote clock offset: 0.137 ms

Below is generated by plot.py at 2019-03-26 22:11:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 3.120 ms

Loss rate: 0.00%

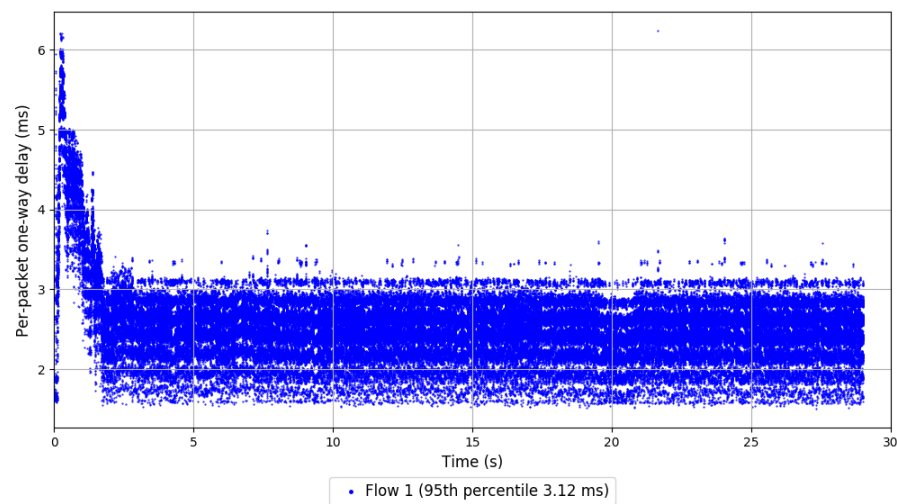
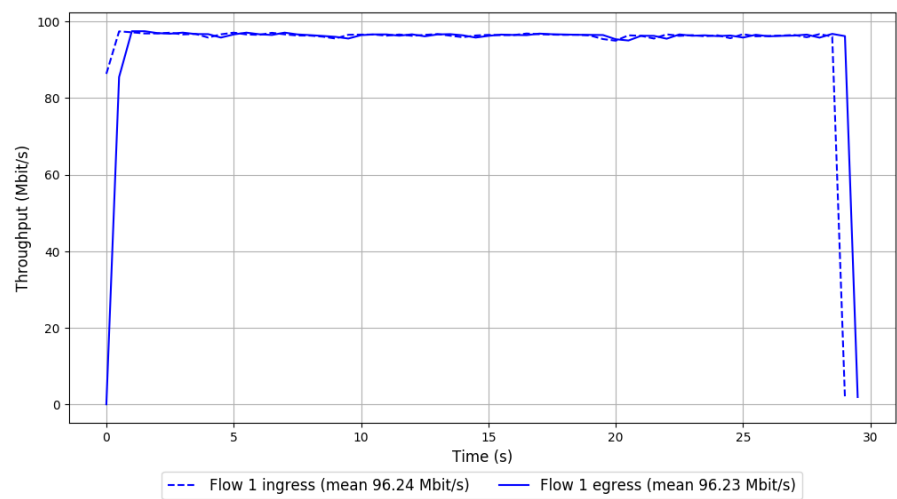
-- Flow 1:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 3.120 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link

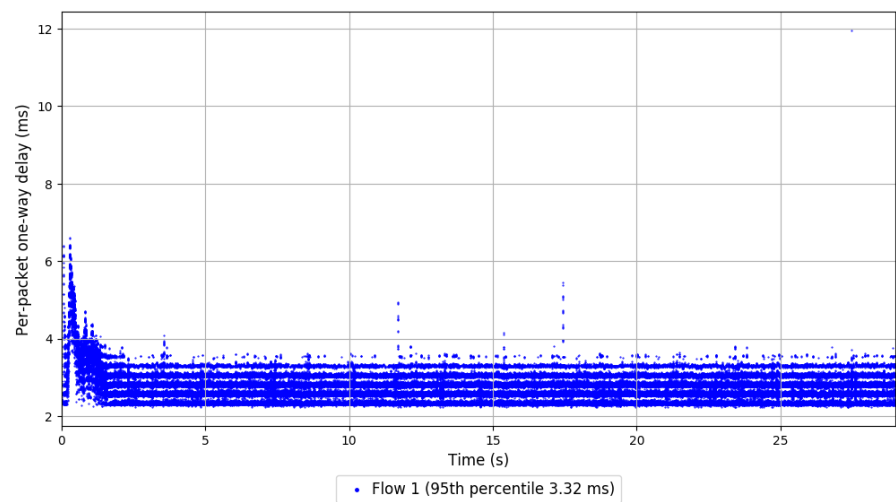
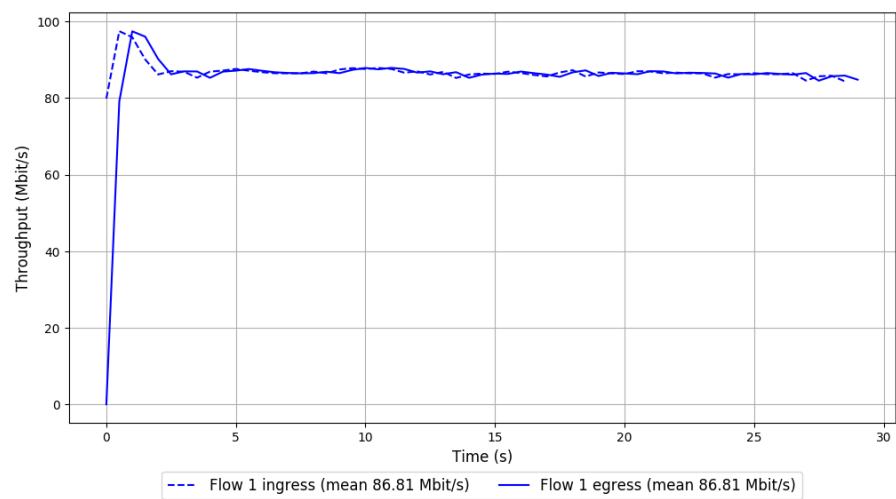


Run 3: Statistics of Indigo-MusesT

Start at: 2019-03-26 21:08:03
End at: 2019-03-26 21:08:33
Local clock offset: -7.106 ms
Remote clock offset: 0.134 ms

Below is generated by plot.py at 2019-03-26 22:11:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.81 Mbit/s
95th percentile per-packet one-way delay: 3.323 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.81 Mbit/s
95th percentile per-packet one-way delay: 3.323 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-03-26 21:31:29

End at: 2019-03-26 21:31:59

Local clock offset: -3.553 ms

Remote clock offset: 0.028 ms

Below is generated by plot.py at 2019-03-26 22:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.35 Mbit/s

95th percentile per-packet one-way delay: 4.114 ms

Loss rate: 0.00%

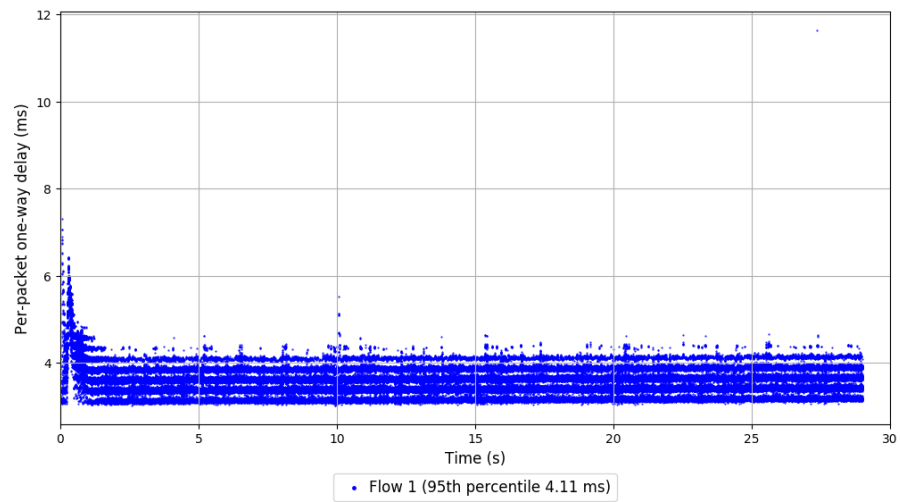
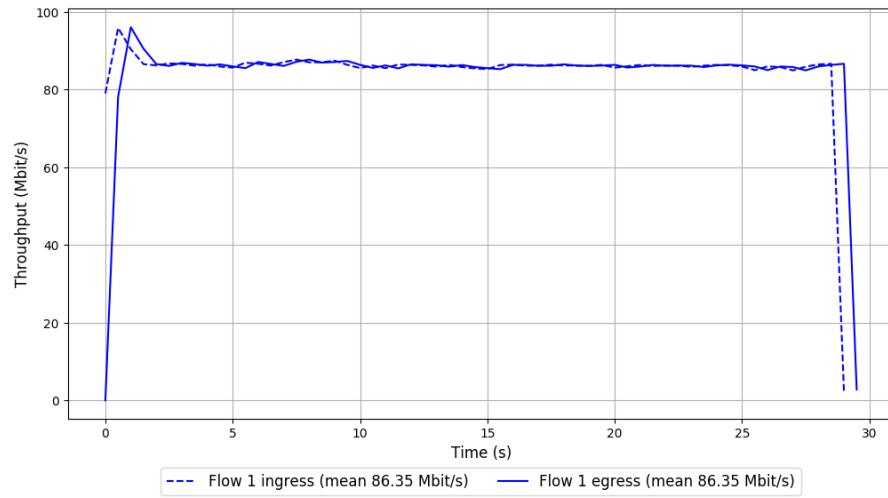
-- Flow 1:

Average throughput: 86.35 Mbit/s

95th percentile per-packet one-way delay: 4.114 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-03-26 21:55:02

End at: 2019-03-26 21:55:32

Local clock offset: -1.89 ms

Remote clock offset: 0.053 ms

Below is generated by plot.py at 2019-03-26 22:11:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.35 Mbit/s

95th percentile per-packet one-way delay: 4.127 ms

Loss rate: 0.00%

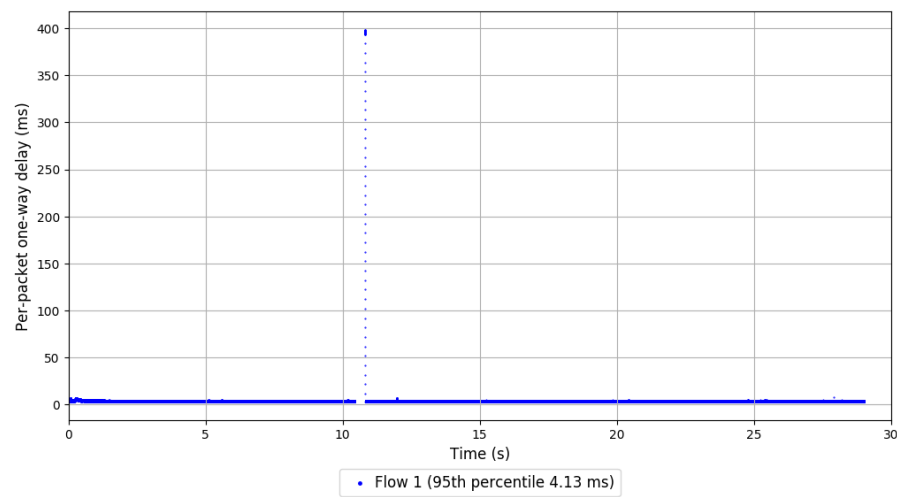
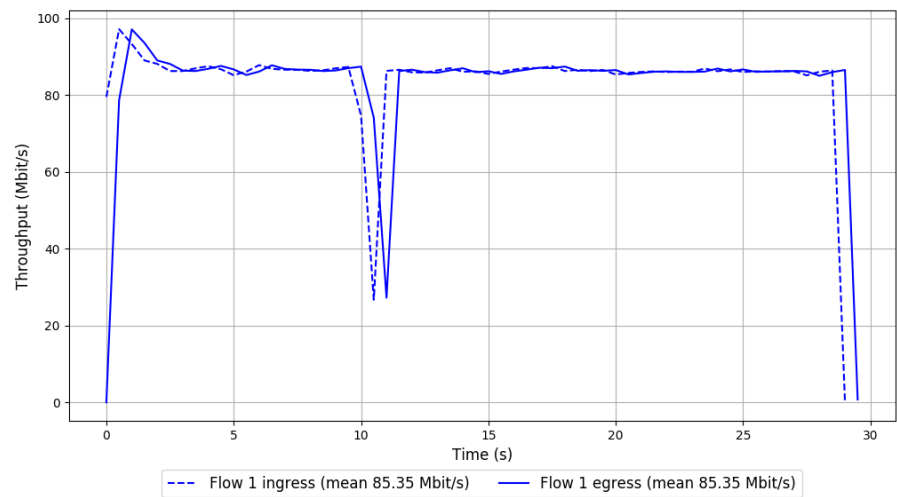
-- Flow 1:

Average throughput: 85.35 Mbit/s

95th percentile per-packet one-way delay: 4.127 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesT — Data Link

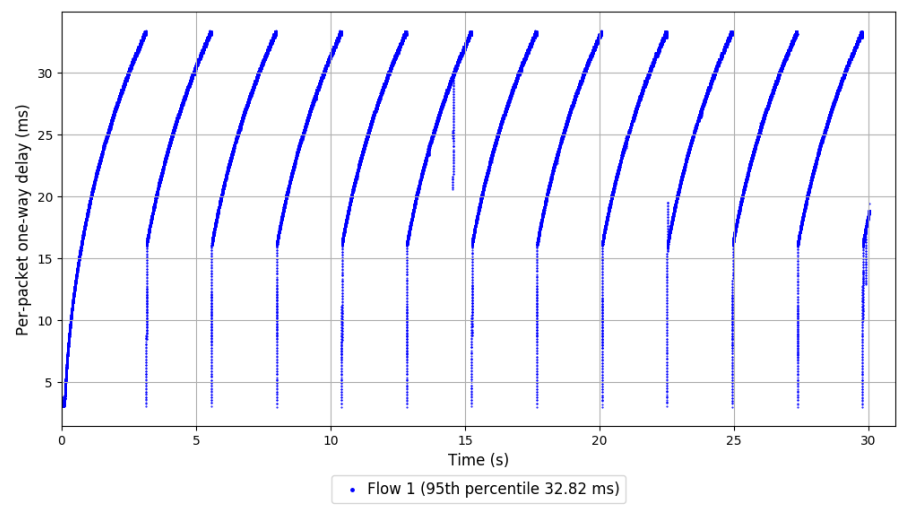
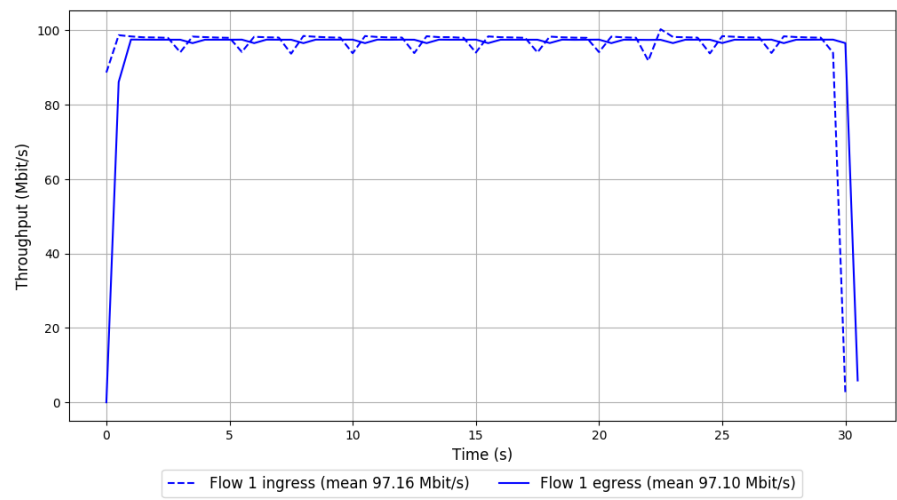


```
Run 1: Statistics of LEDBAT

Start at: 2019-03-26 20:06:35
End at: 2019-03-26 20:07:05
Local clock offset: -9.153 ms
Remote clock offset: 0.042 ms

# Below is generated by plot.py at 2019-03-26 22:12:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 32.821 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 32.821 ms
Loss rate: 0.01%
```

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-03-26 20:30:02

End at: 2019-03-26 20:30:32

Local clock offset: -8.514 ms

Remote clock offset: 0.103 ms

Below is generated by plot.py at 2019-03-26 22:12:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 31.401 ms

Loss rate: 0.01%

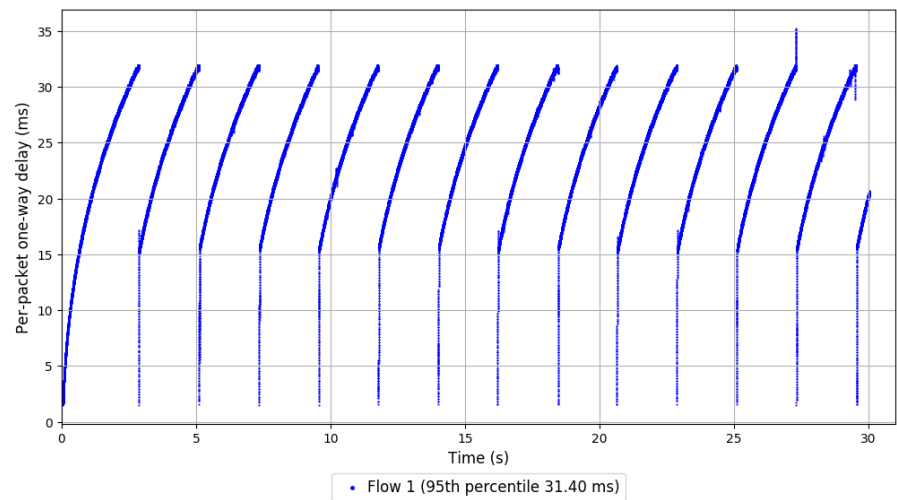
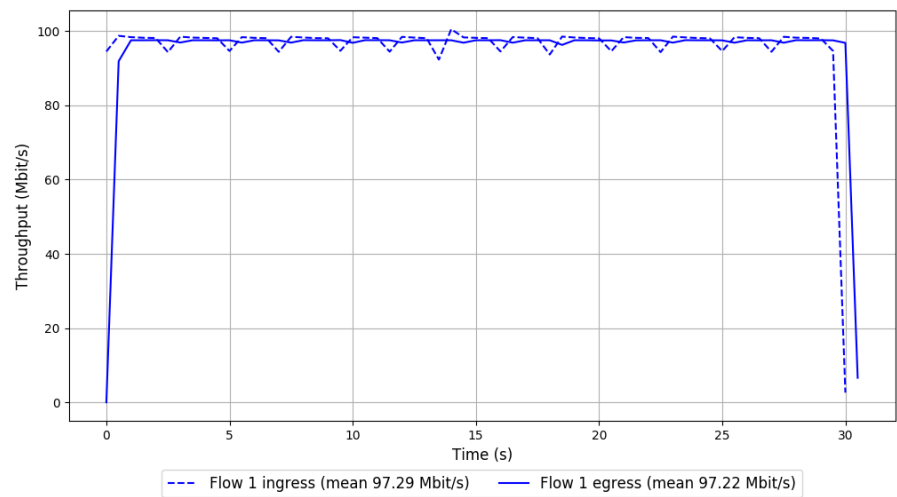
-- Flow 1:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 31.401 ms

Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-03-26 20:53:31

End at: 2019-03-26 20:54:01

Local clock offset: -8.179 ms

Remote clock offset: 0.188 ms

Below is generated by plot.py at 2019-03-26 22:12:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 31.561 ms

Loss rate: 0.01%

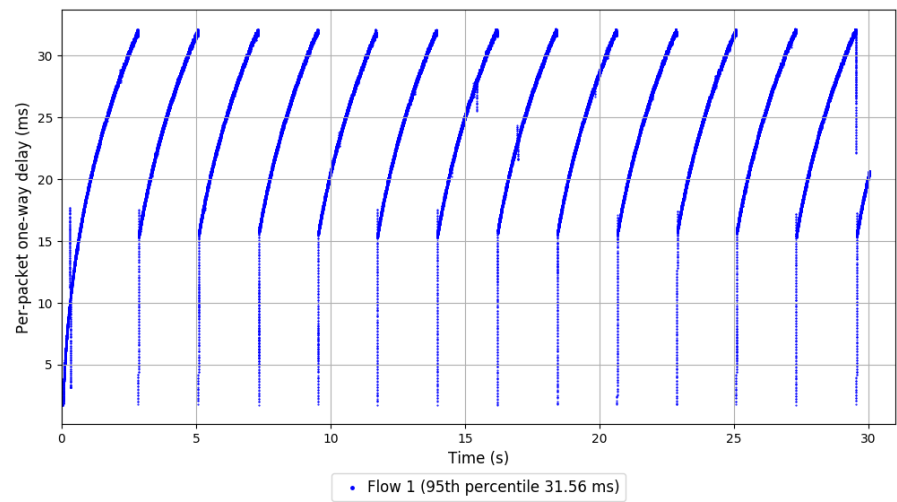
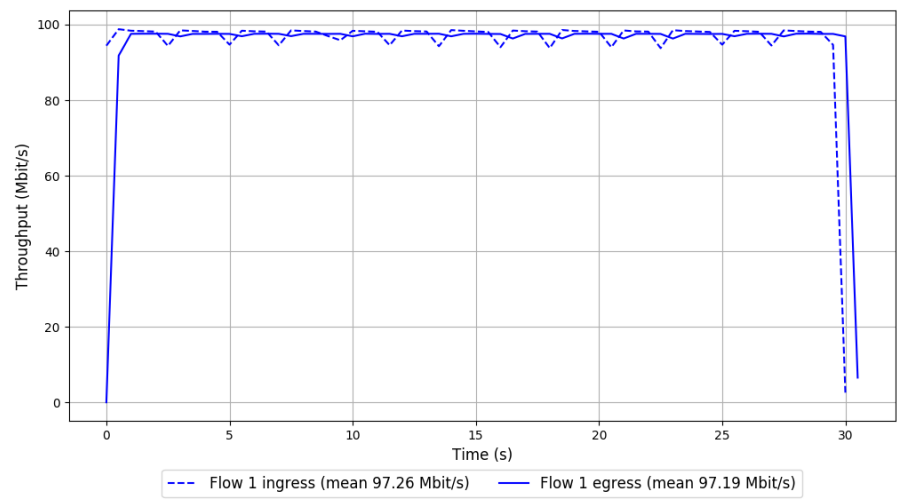
-- Flow 1:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 31.561 ms

Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-03-26 21:16:57

End at: 2019-03-26 21:17:27

Local clock offset: -7.567 ms

Remote clock offset: 0.193 ms

Below is generated by plot.py at 2019-03-26 22:12:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 31.838 ms

Loss rate: 0.01%

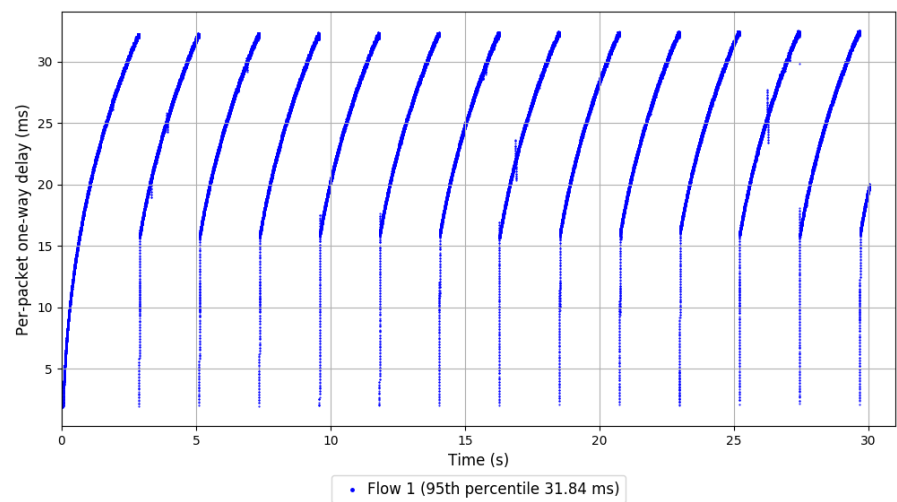
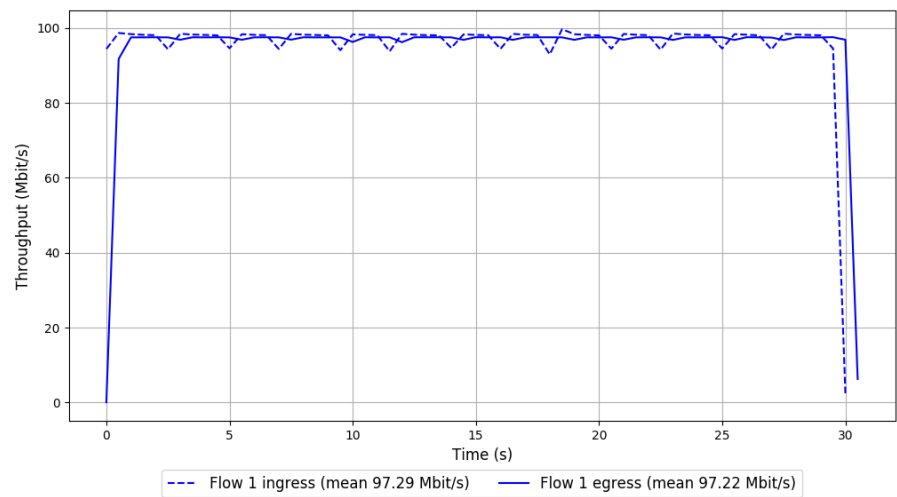
-- Flow 1:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 31.838 ms

Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-03-26 21:40:26

End at: 2019-03-26 21:40:56

Local clock offset: -1.919 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at 2019-03-26 22:12:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 30.750 ms

Loss rate: 0.01%

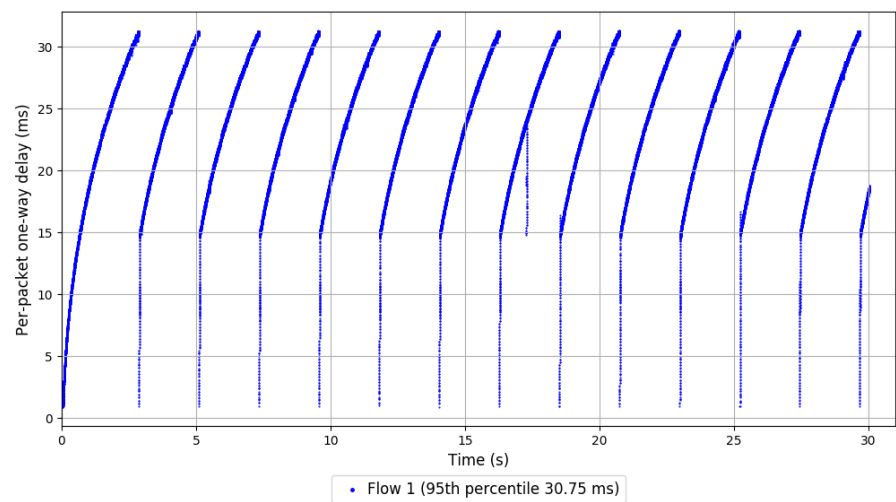
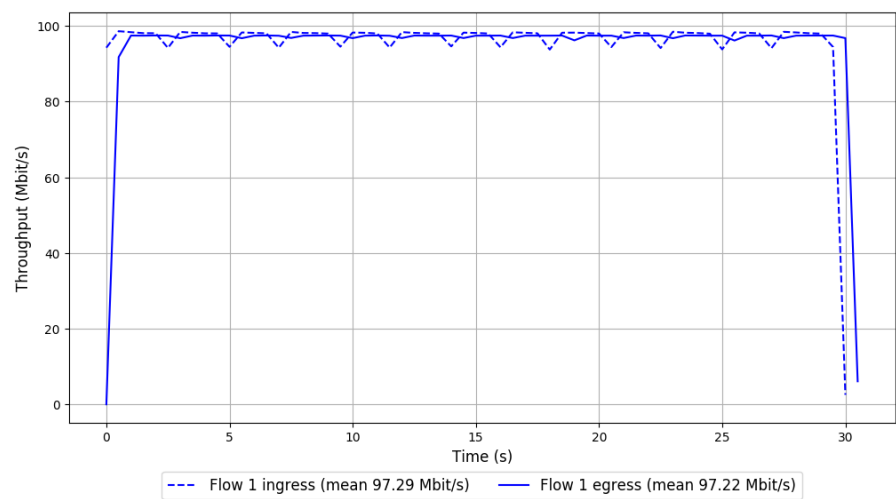
-- Flow 1:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 30.750 ms

Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link

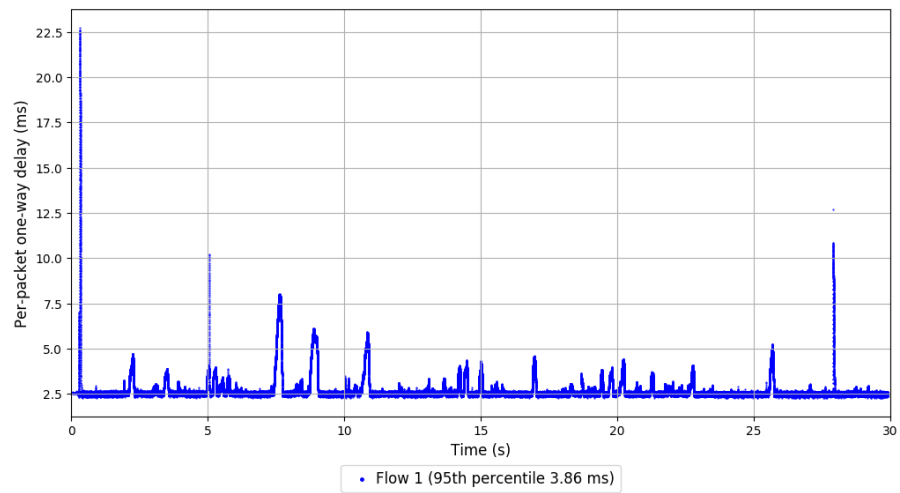
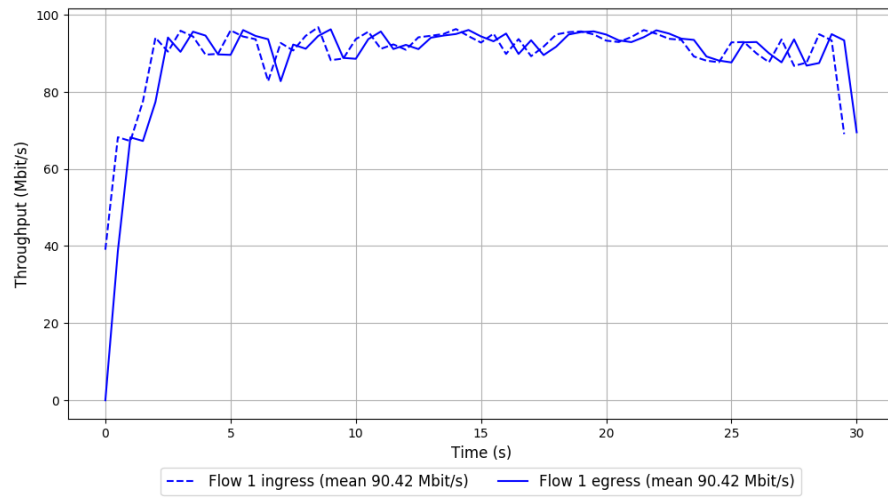


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-03-26 20:09:57
End at: 2019-03-26 20:10:27
Local clock offset: -8.747 ms
Remote clock offset: 0.11 ms

# Below is generated by plot.py at 2019-03-26 22:12:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.42 Mbit/s
95th percentile per-packet one-way delay: 3.860 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.42 Mbit/s
95th percentile per-packet one-way delay: 3.860 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-03-26 20:33:25

End at: 2019-03-26 20:33:55

Local clock offset: -8.53 ms

Remote clock offset: 0.127 ms

Below is generated by plot.py at 2019-03-26 22:12:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.25 Mbit/s

95th percentile per-packet one-way delay: 2.991 ms

Loss rate: 0.00%

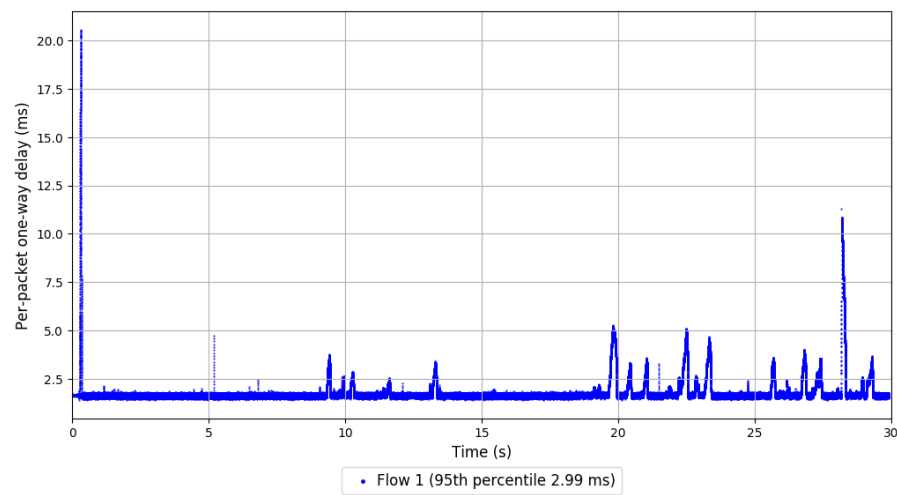
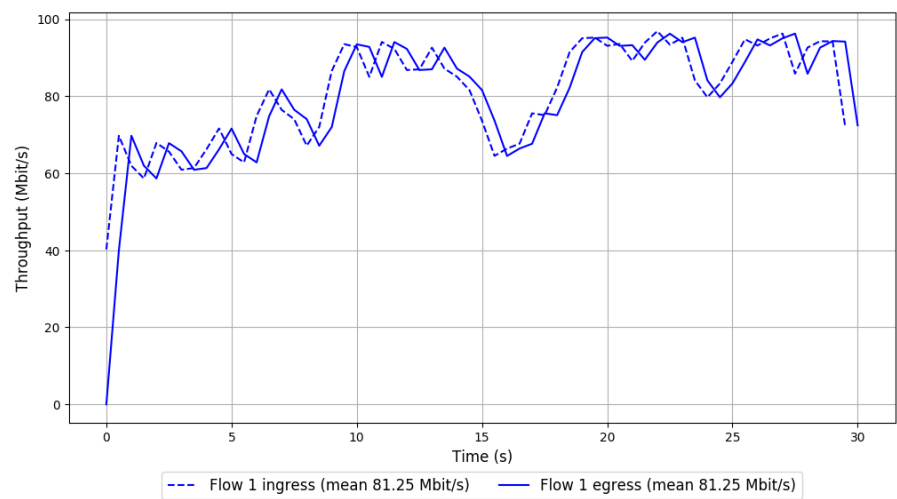
-- Flow 1:

Average throughput: 81.25 Mbit/s

95th percentile per-packet one-way delay: 2.991 ms

Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-03-26 20:56:54

End at: 2019-03-26 20:57:24

Local clock offset: -7.947 ms

Remote clock offset: 0.07 ms

Below is generated by plot.py at 2019-03-26 22:12:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.73 Mbit/s

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

Loss rate: 0.00%

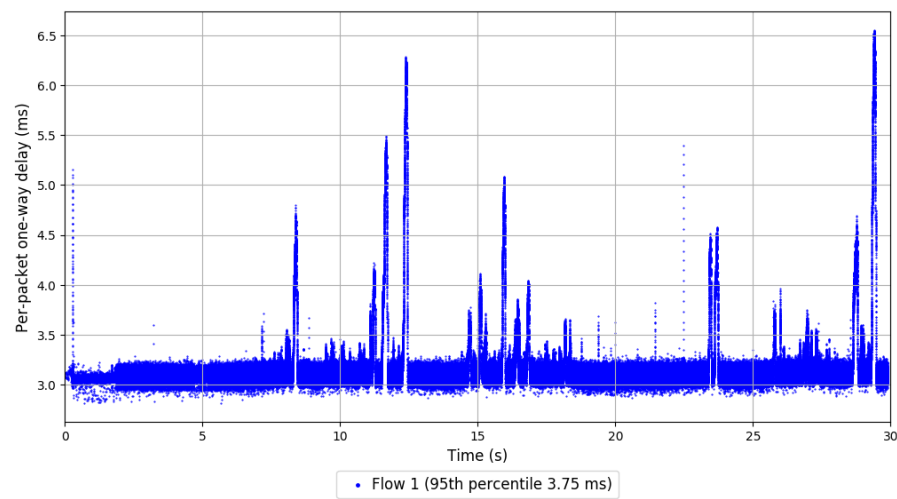
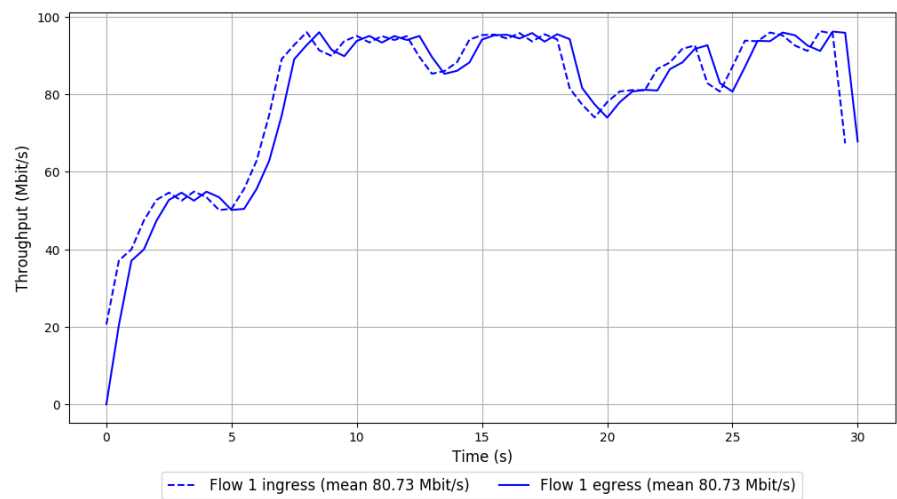
-- Flow 1:

Average throughput: 80.73 Mbit/s

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

Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-03-26 21:20:20

End at: 2019-03-26 21:20:50

Local clock offset: -6.086 ms

Remote clock offset: 0.096 ms

Below is generated by plot.py at 2019-03-26 22:13:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.33 Mbit/s

95th percentile per-packet one-way delay: 3.918 ms

Loss rate: 0.00%

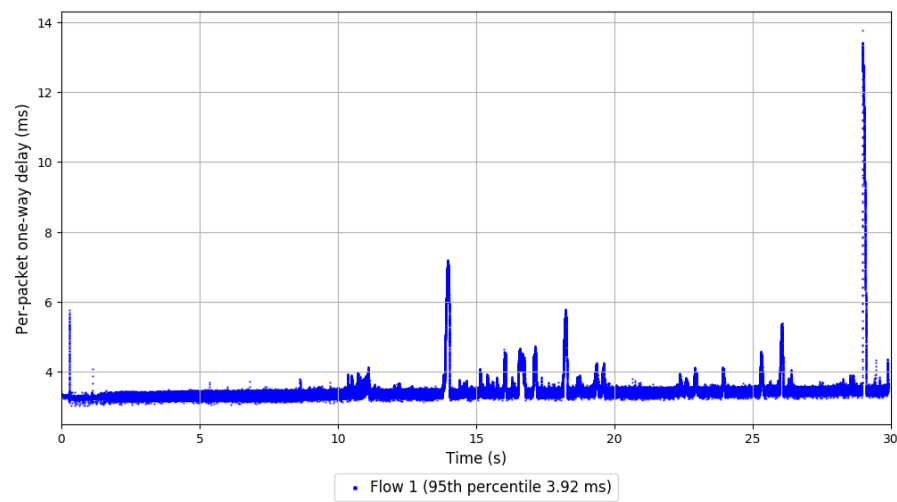
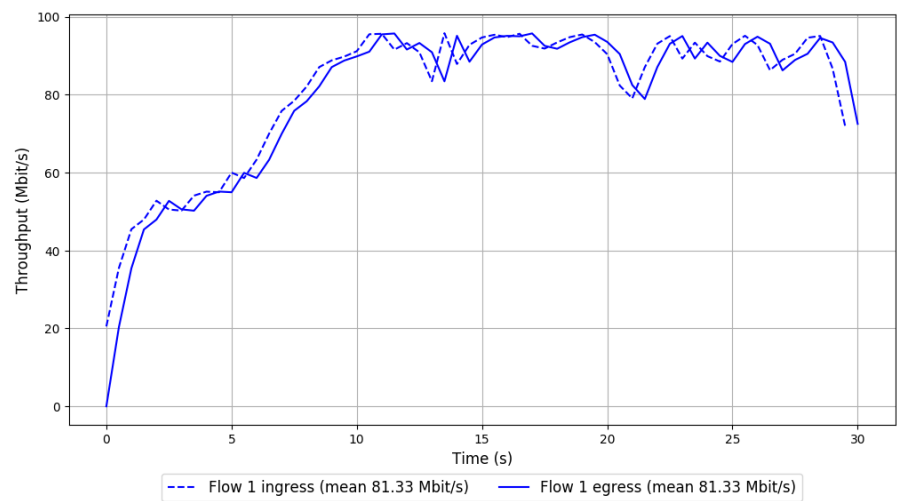
-- Flow 1:

Average throughput: 81.33 Mbit/s

95th percentile per-packet one-way delay: 3.918 ms

Loss rate: 0.00%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-03-26 21:43:48

End at: 2019-03-26 21:44:18

Local clock offset: -1.704 ms

Remote clock offset: 0.044 ms

Below is generated by plot.py at 2019-03-26 22:13:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.20 Mbit/s

95th percentile per-packet one-way delay: 1.036 ms

Loss rate: 0.00%

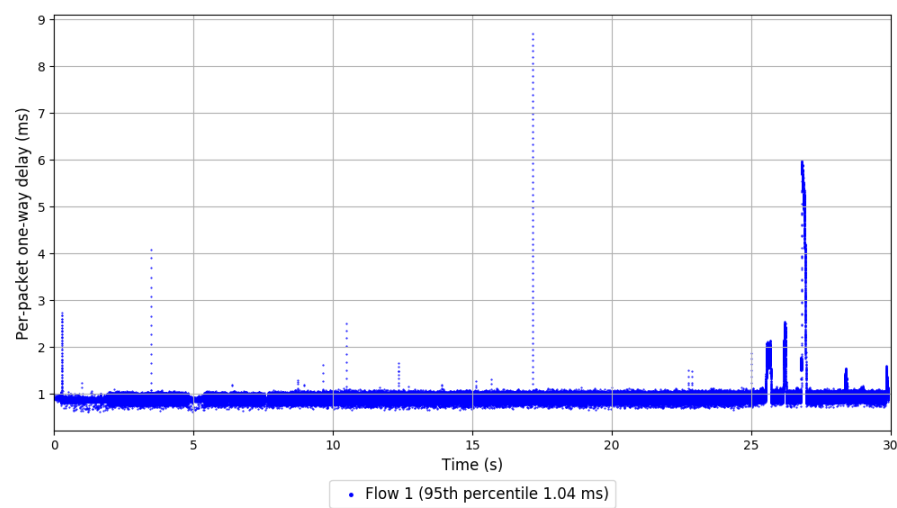
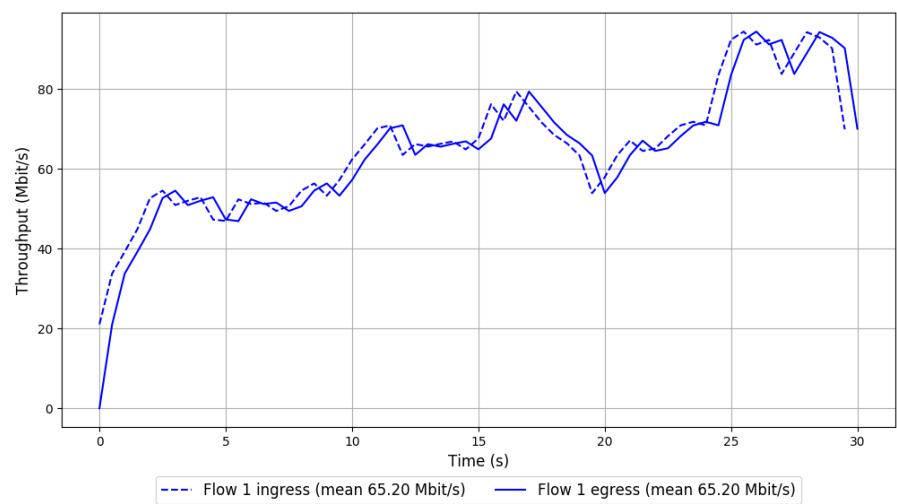
-- Flow 1:

Average throughput: 65.20 Mbit/s

95th percentile per-packet one-way delay: 1.036 ms

Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

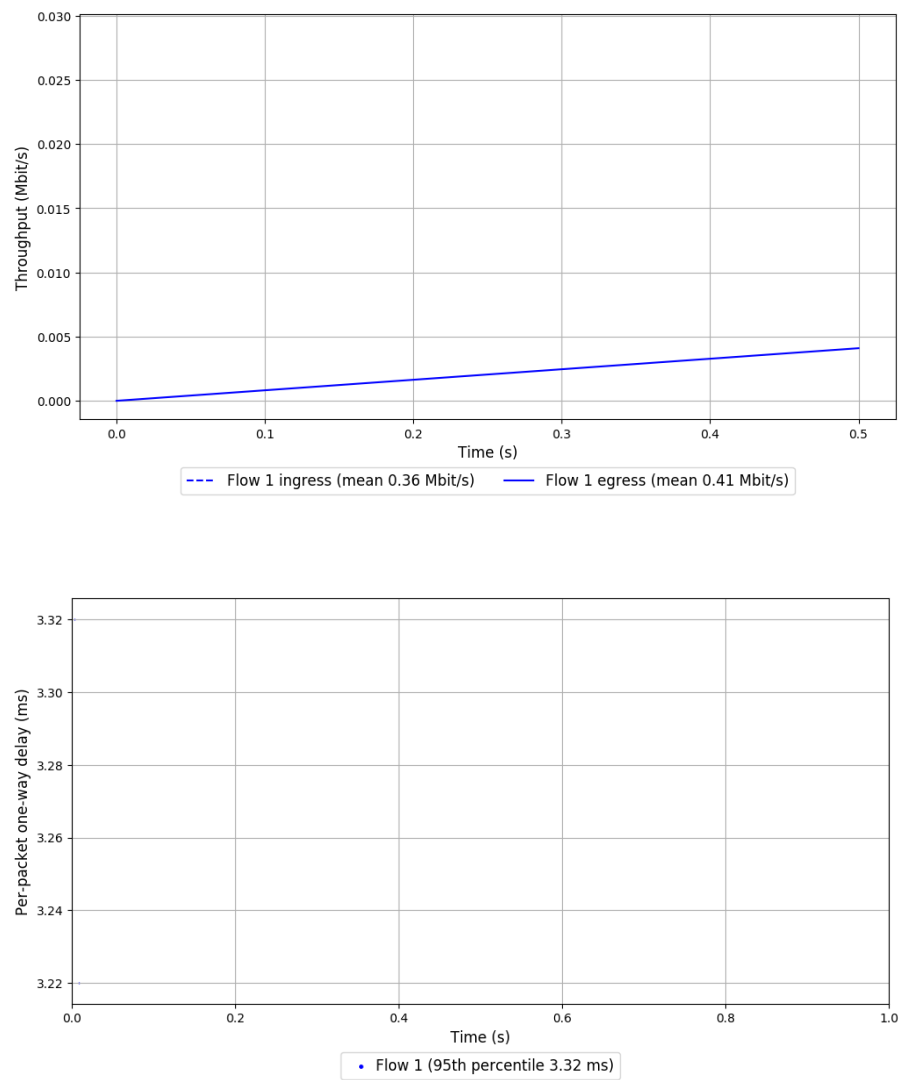
Start at: 2019-03-26 20:25:35

End at: 2019-03-26 20:26:05

Local clock offset: -8.712 ms

Remote clock offset: 0.09 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

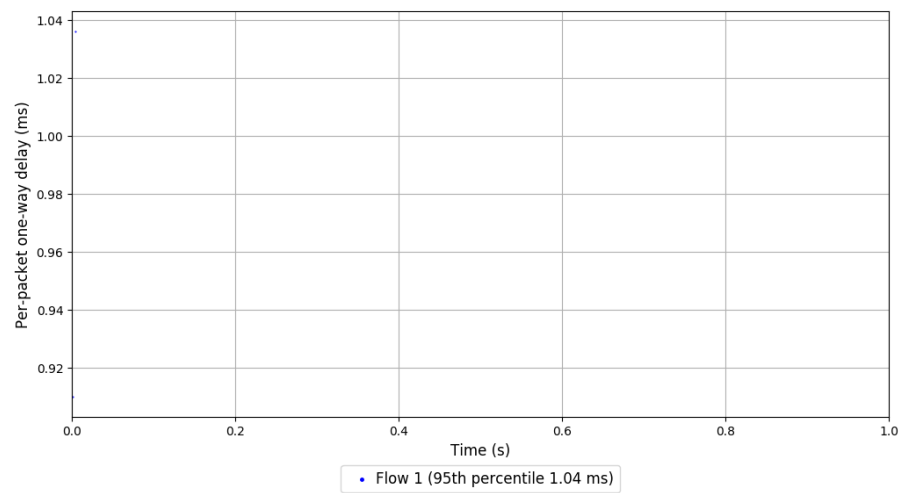
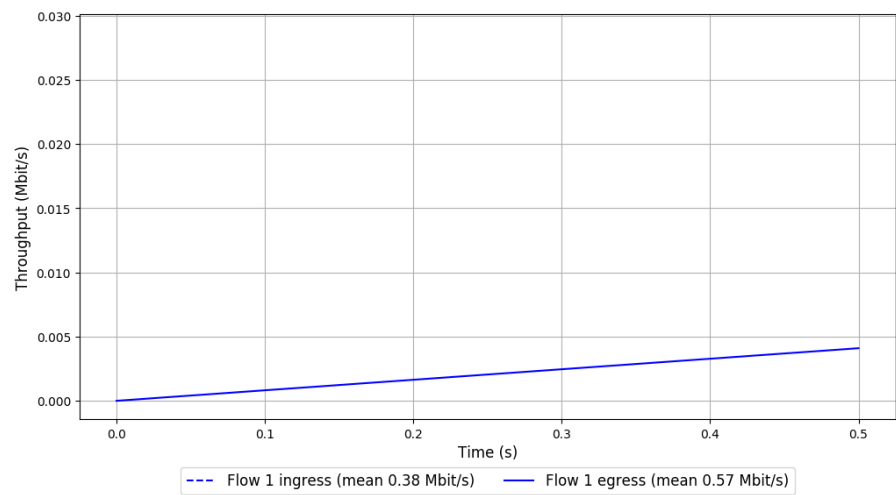
Start at: 2019-03-26 20:49:05

End at: 2019-03-26 20:49:35

Local clock offset: -7.762 ms

Remote clock offset: 0.192 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

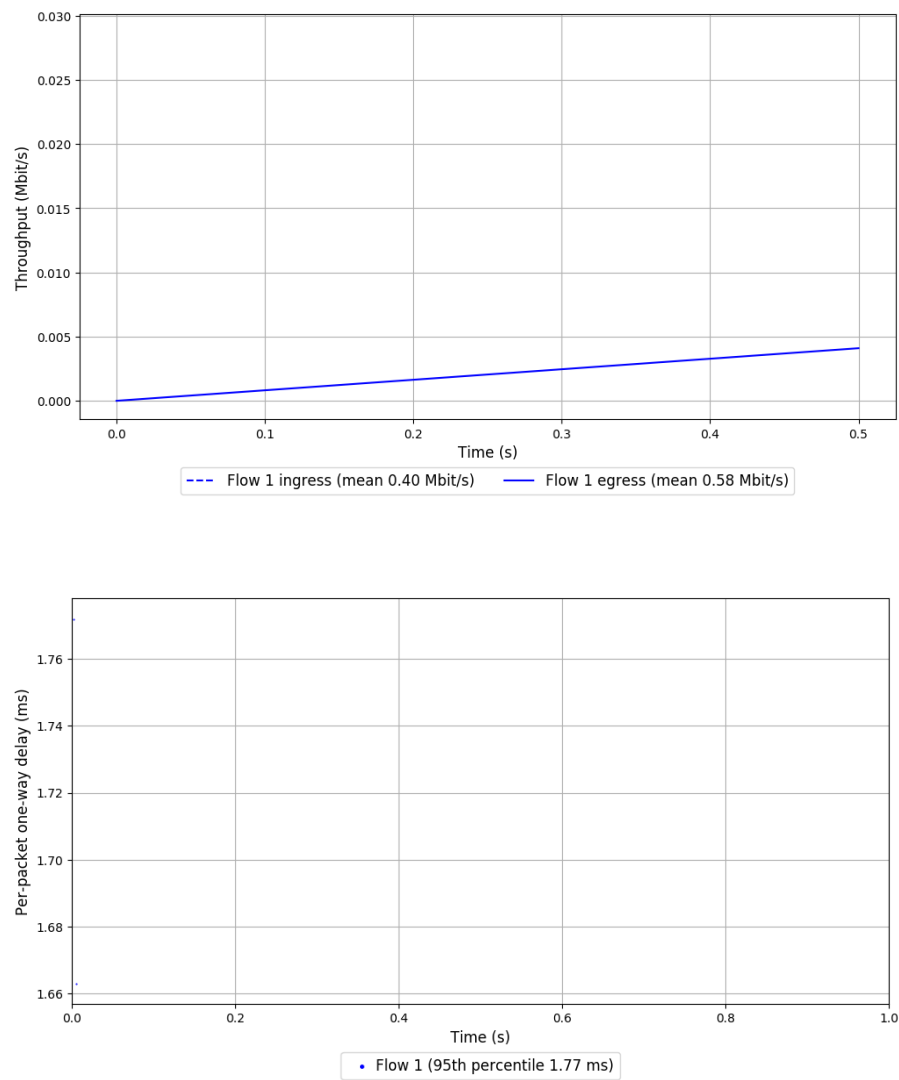
Start at: 2019-03-26 21:12:31

End at: 2019-03-26 21:13:01

Local clock offset: -7.987 ms

Remote clock offset: 0.134 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

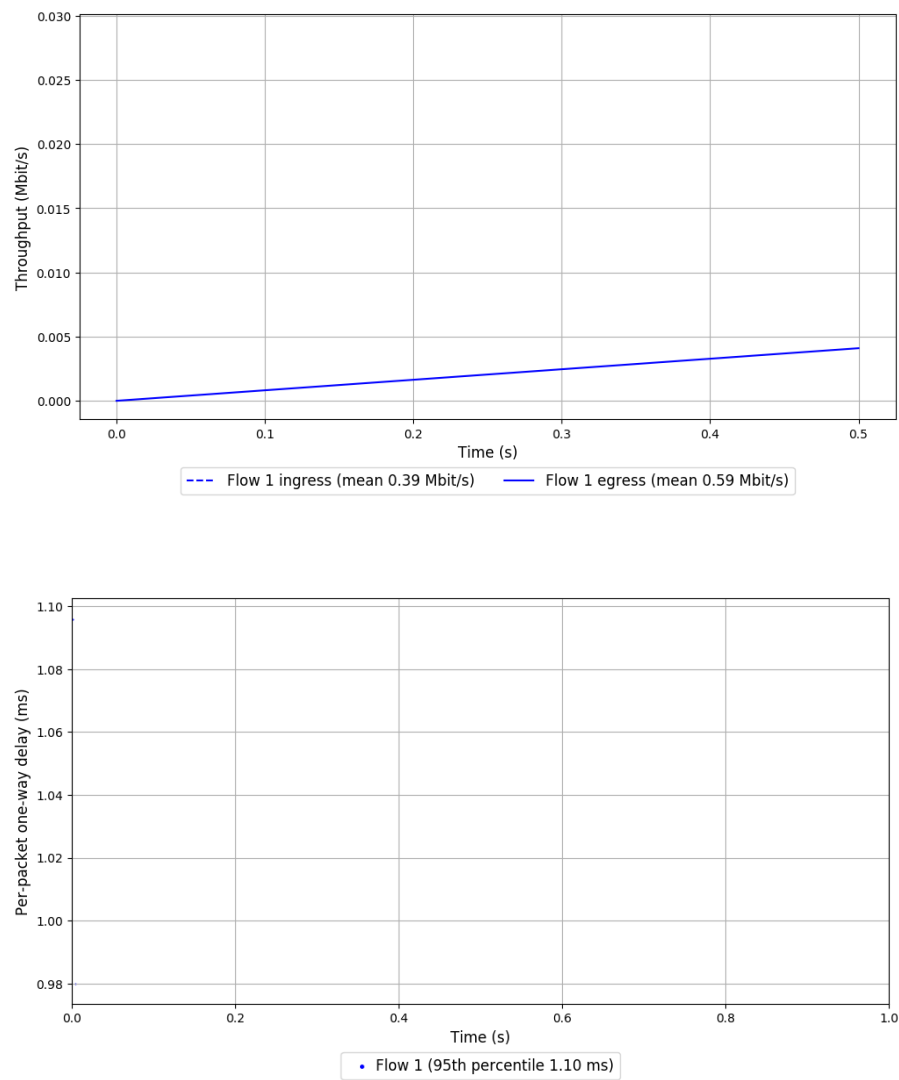
Start at: 2019-03-26 21:35:59

End at: 2019-03-26 21:36:29

Local clock offset: -2.304 ms

Remote clock offset: 0.138 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

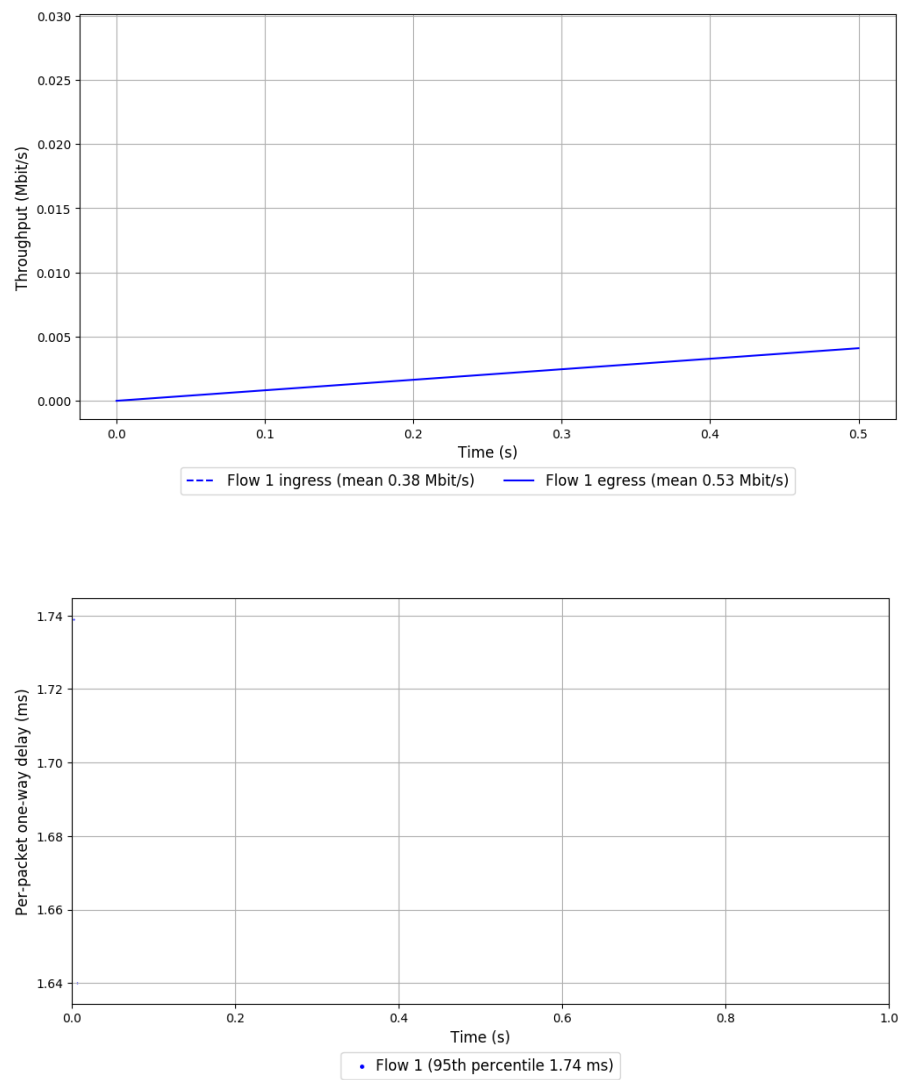
Start at: 2019-03-26 21:59:33

End at: 2019-03-26 22:00:03

Local clock offset: -1.762 ms

Remote clock offset: -0.039 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-03-26 20:07:45

End at: 2019-03-26 20:08:15

Local clock offset: -9.314 ms

Remote clock offset: 0.052 ms

Below is generated by plot.py at 2019-03-26 22:13:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.33 Mbit/s

95th percentile per-packet one-way delay: 6.276 ms

Loss rate: 0.35%

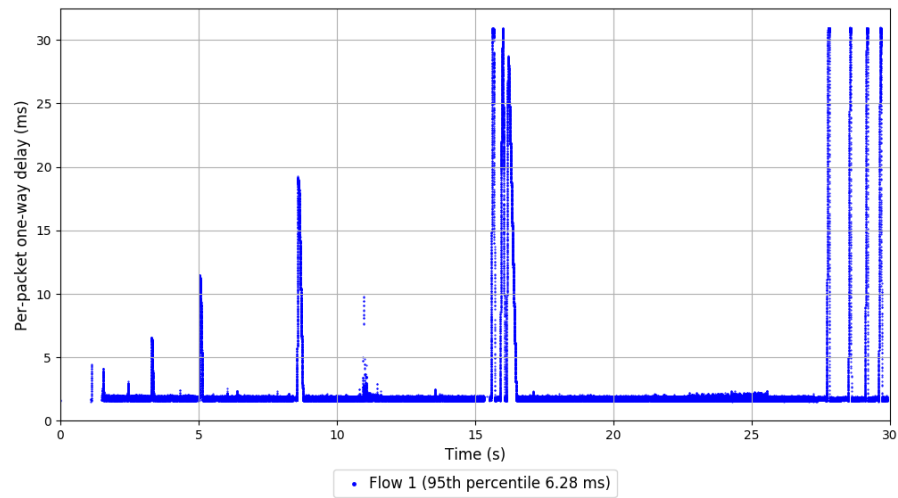
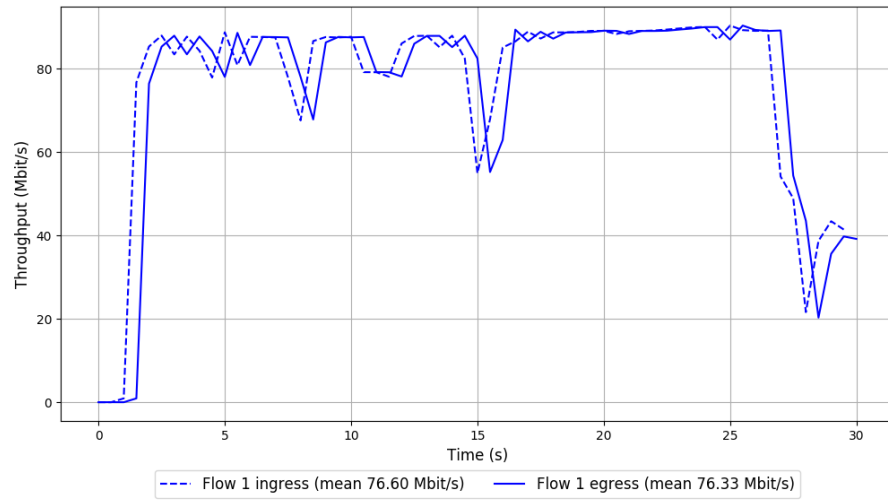
-- Flow 1:

Average throughput: 76.33 Mbit/s

95th percentile per-packet one-way delay: 6.276 ms

Loss rate: 0.35%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-03-26 20:31:12

End at: 2019-03-26 20:31:42

Local clock offset: -8.568 ms

Remote clock offset: 0.128 ms

Below is generated by plot.py at 2019-03-26 22:13:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.45 Mbit/s

95th percentile per-packet one-way delay: 4.080 ms

Loss rate: 0.34%

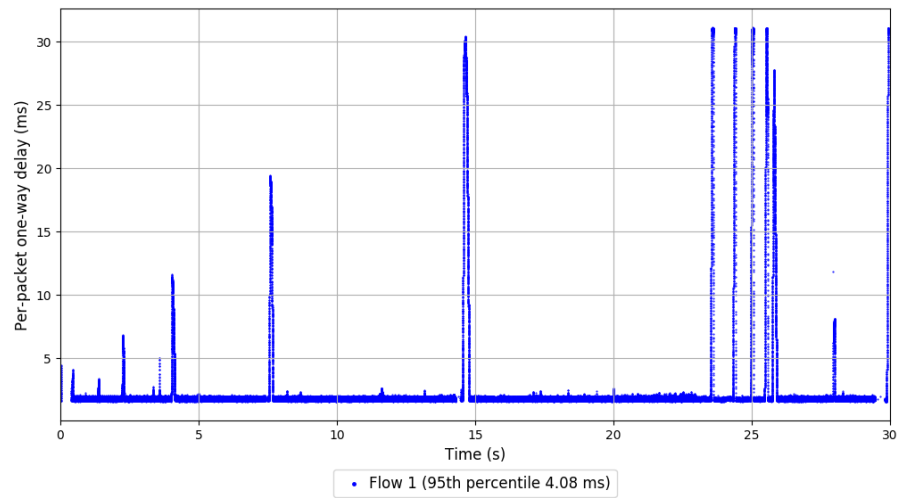
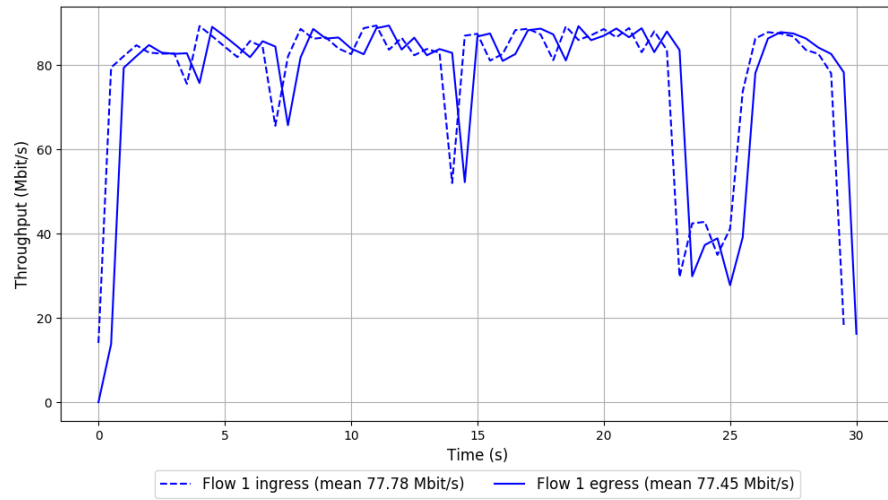
-- Flow 1:

Average throughput: 77.45 Mbit/s

95th percentile per-packet one-way delay: 4.080 ms

Loss rate: 0.34%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-03-26 20:54:41

End at: 2019-03-26 20:55:11

Local clock offset: -7.27 ms

Remote clock offset: 0.117 ms

Below is generated by plot.py at 2019-03-26 22:13:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.81 Mbit/s

95th percentile per-packet one-way delay: 2.633 ms

Loss rate: 0.18%

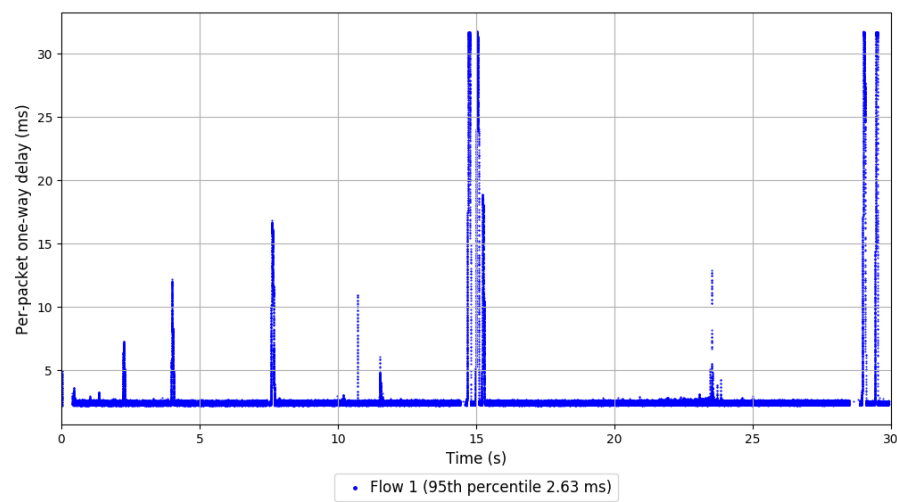
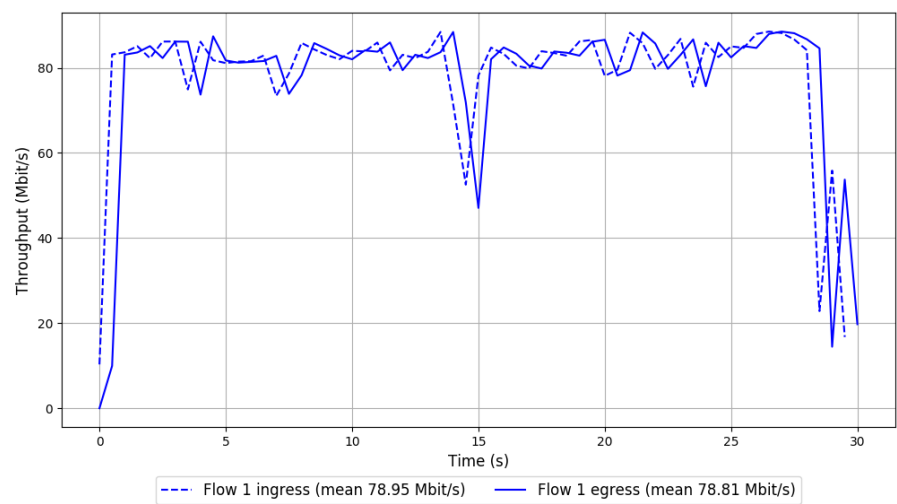
-- Flow 1:

Average throughput: 78.81 Mbit/s

95th percentile per-packet one-way delay: 2.633 ms

Loss rate: 0.18%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-03-26 21:18:07

End at: 2019-03-26 21:18:37

Local clock offset: -6.173 ms

Remote clock offset: 0.091 ms

Below is generated by plot.py at 2019-03-26 22:13:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.92 Mbit/s

95th percentile per-packet one-way delay: 1.851 ms

Loss rate: 0.24%

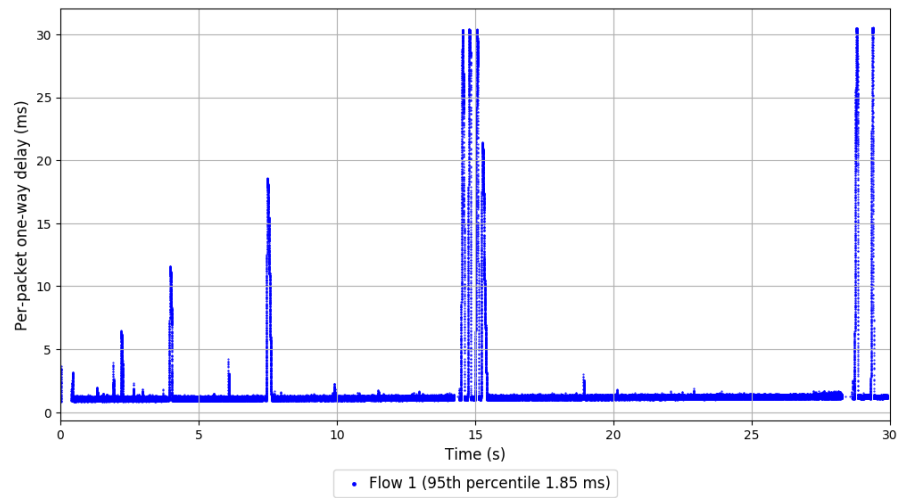
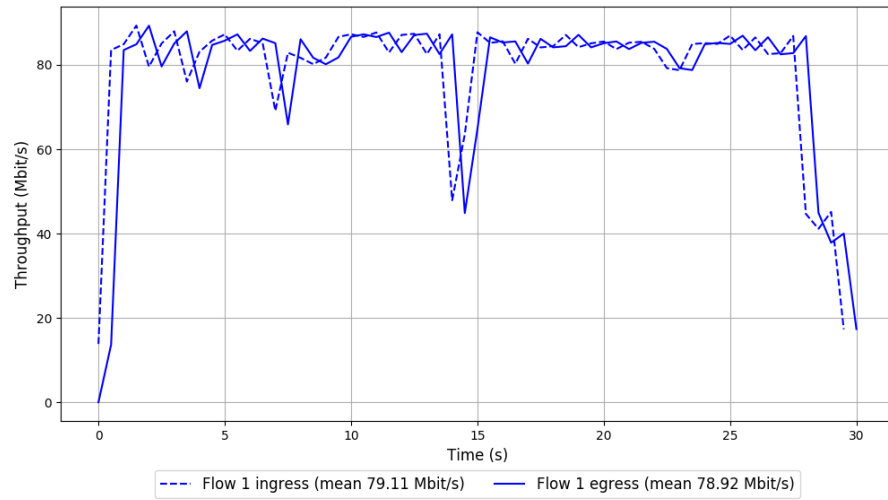
-- Flow 1:

Average throughput: 78.92 Mbit/s

95th percentile per-packet one-way delay: 1.851 ms

Loss rate: 0.24%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-03-26 21:41:35

End at: 2019-03-26 21:42:05

Local clock offset: -2.608 ms

Remote clock offset: 0.068 ms

Below is generated by plot.py at 2019-03-26 22:13:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.77 Mbit/s

95th percentile per-packet one-way delay: 6.180 ms

Loss rate: 0.31%

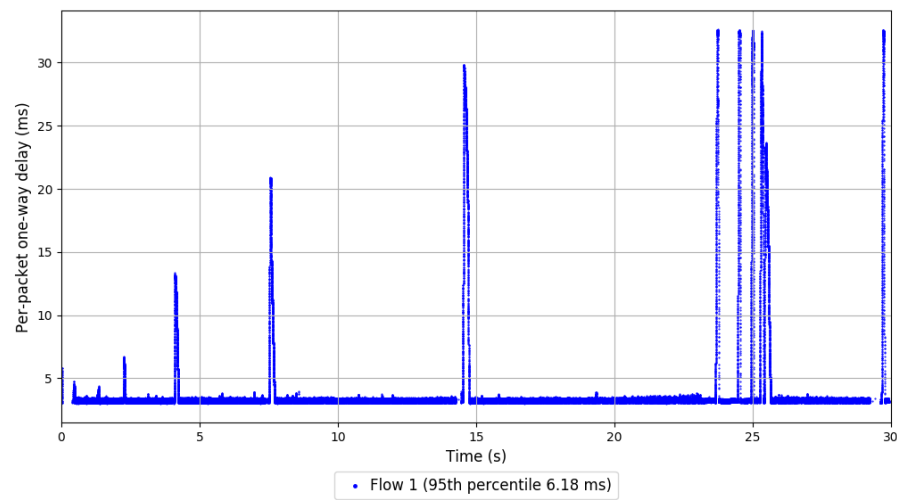
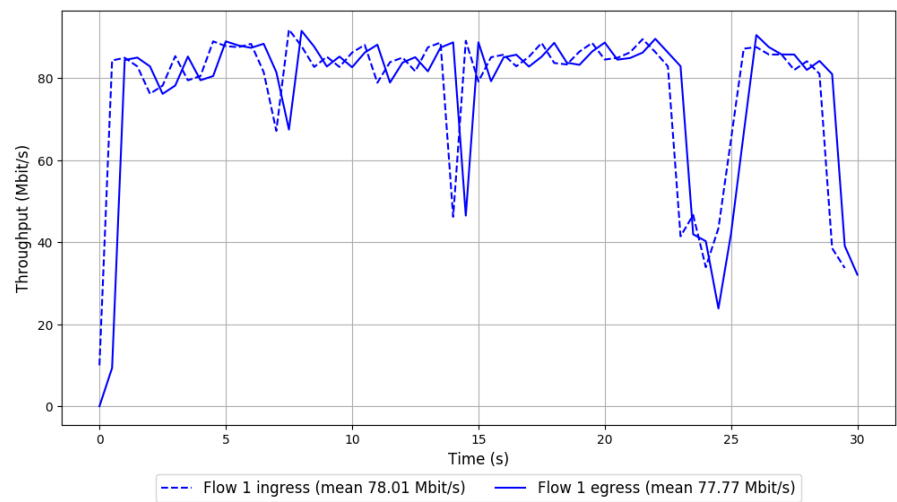
-- Flow 1:

Average throughput: 77.77 Mbit/s

95th percentile per-packet one-way delay: 6.180 ms

Loss rate: 0.31%

Run 5: Report of QUIC Cubic — Data Link

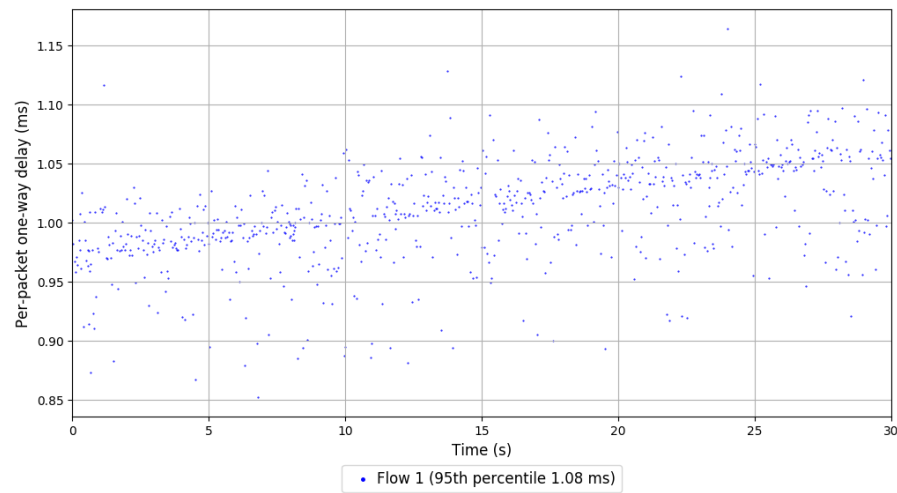
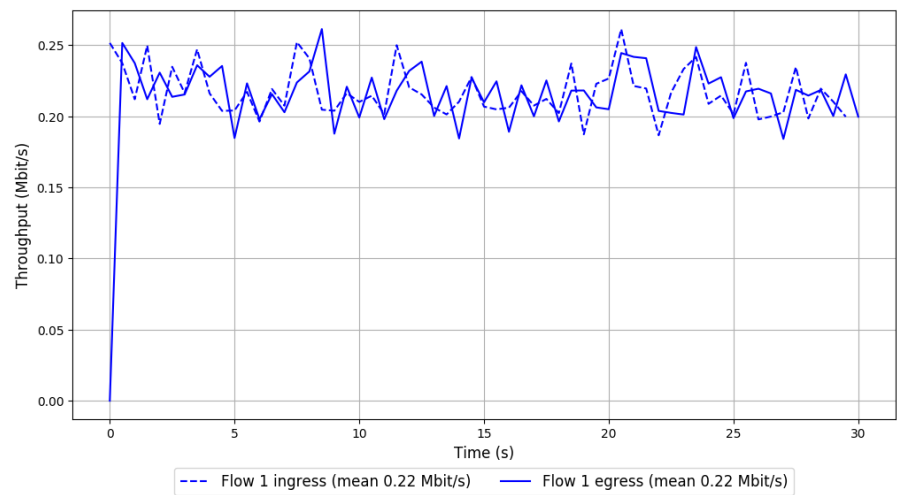


```
Run 1: Statistics of SCReAM

Start at: 2019-03-26 20:17:48
End at: 2019-03-26 20:18:18
Local clock offset: -8.801 ms
Remote clock offset: 0.046 ms

# Below is generated by plot.py at 2019-03-26 22:13:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.076 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.076 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-03-26 20:41:17

End at: 2019-03-26 20:41:47

Local clock offset: -8.759 ms

Remote clock offset: 0.049 ms

Below is generated by plot.py at 2019-03-26 22:13:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.607 ms

Loss rate: 0.00%

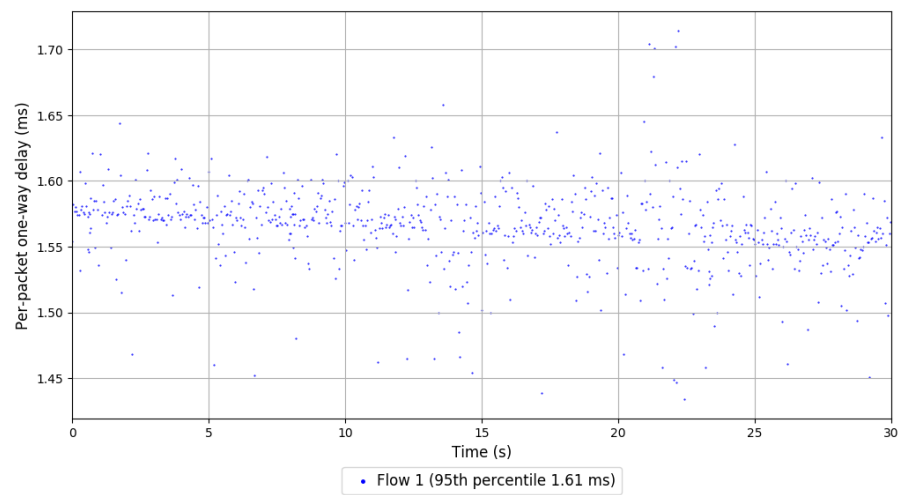
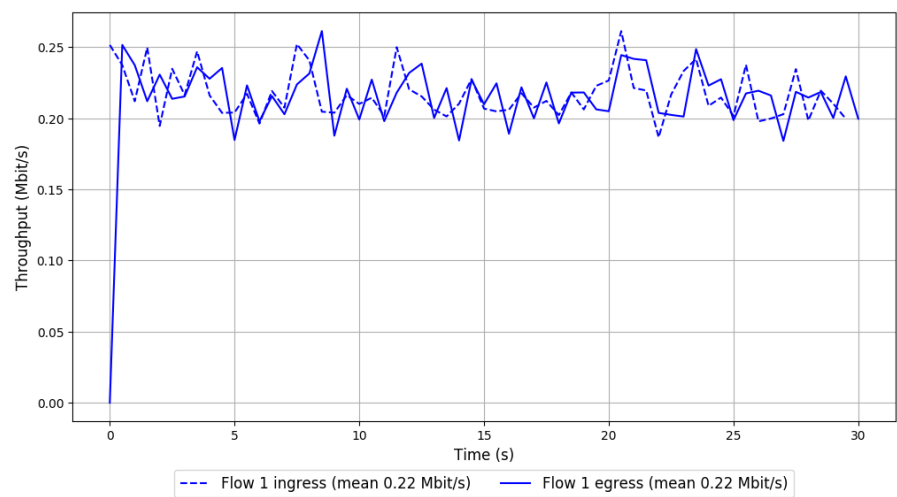
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.607 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-03-26 21:04:46

End at: 2019-03-26 21:05:16

Local clock offset: -7.154 ms

Remote clock offset: 0.136 ms

Below is generated by plot.py at 2019-03-26 22:13:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.480 ms

Loss rate: 0.00%

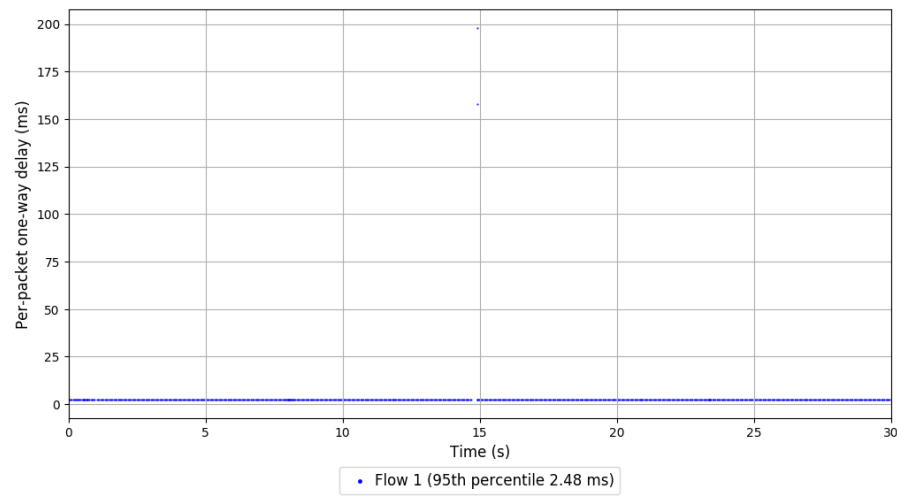
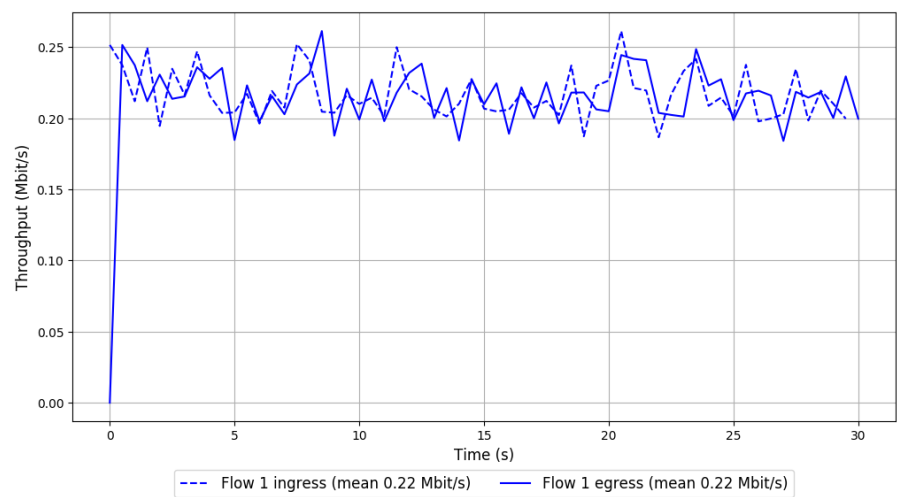
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.480 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-03-26 21:28:12

End at: 2019-03-26 21:28:42

Local clock offset: -4.054 ms

Remote clock offset: 0.132 ms

Below is generated by plot.py at 2019-03-26 22:13:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.394 ms

Loss rate: 0.00%

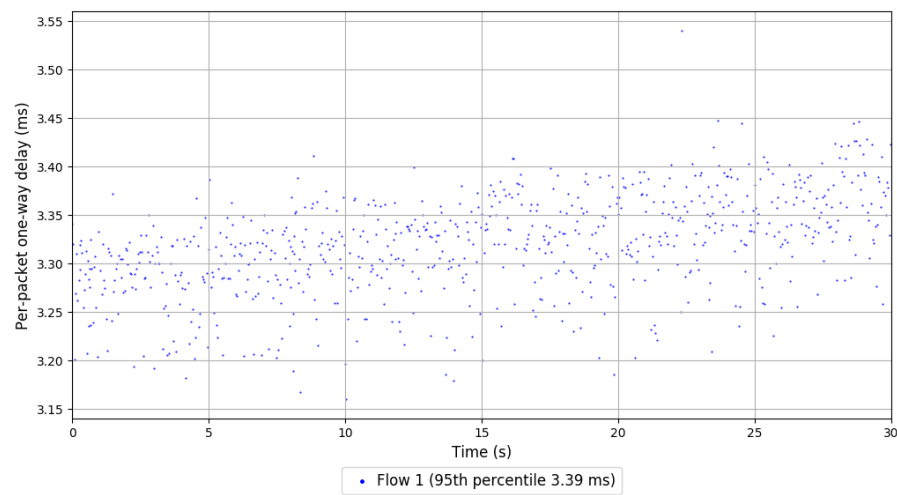
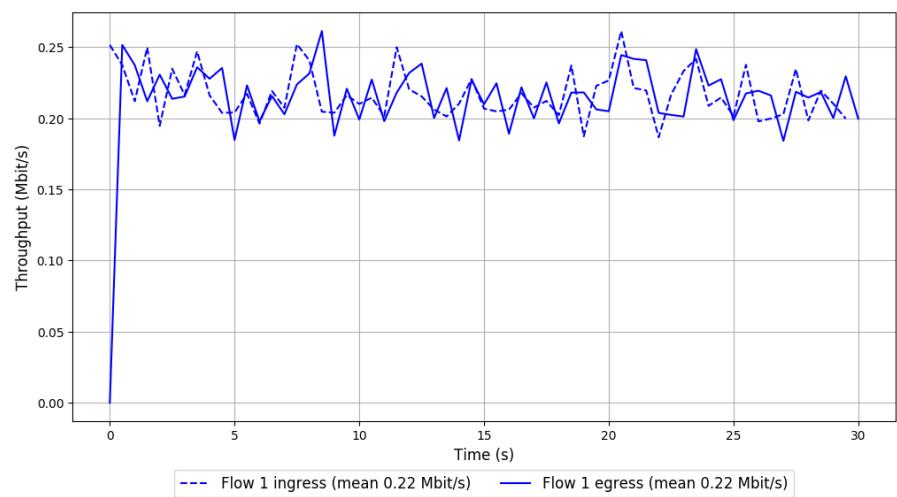
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.394 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-03-26 21:51:45

End at: 2019-03-26 21:52:16

Local clock offset: -2.045 ms

Remote clock offset: 0.1 ms

Below is generated by plot.py at 2019-03-26 22:13:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.765 ms

Loss rate: 0.00%

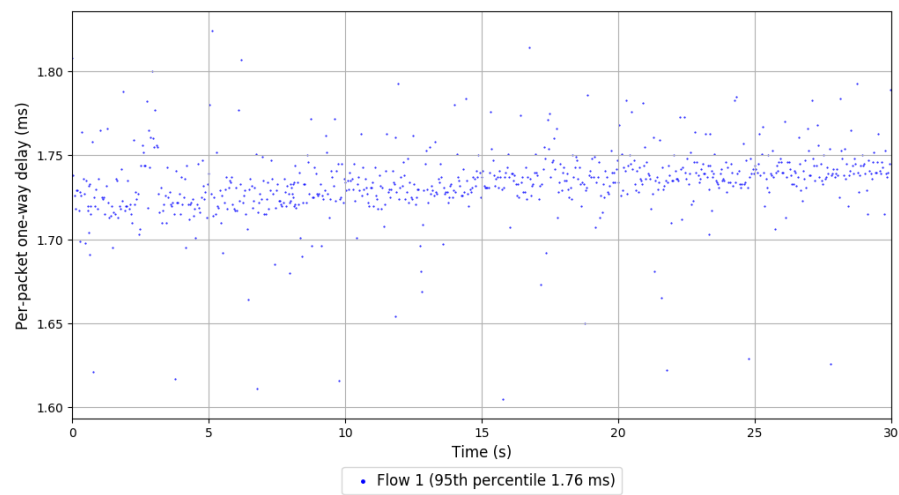
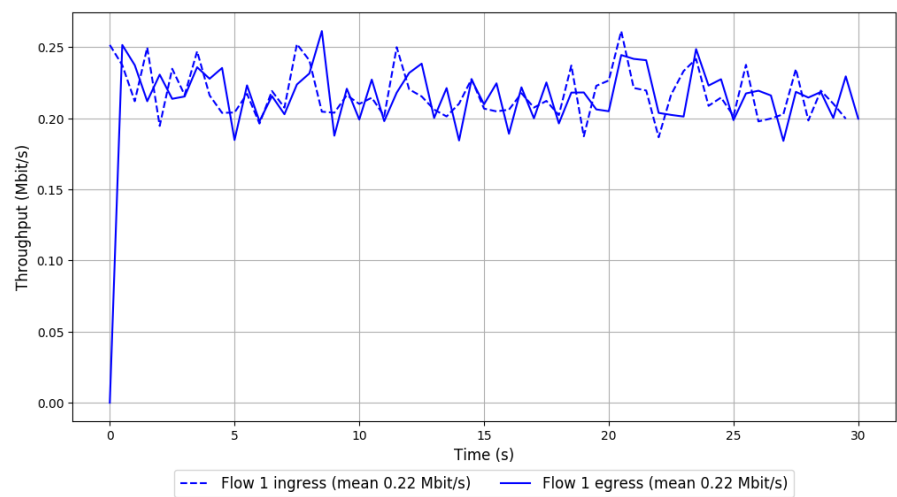
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.765 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-03-26 20:13:17

End at: 2019-03-26 20:13:47

Local clock offset: -8.959 ms

Remote clock offset: 0.026 ms

Below is generated by plot.py at 2019-03-26 22:13:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.32 Mbit/s

95th percentile per-packet one-way delay: 10.332 ms

Loss rate: 0.00%

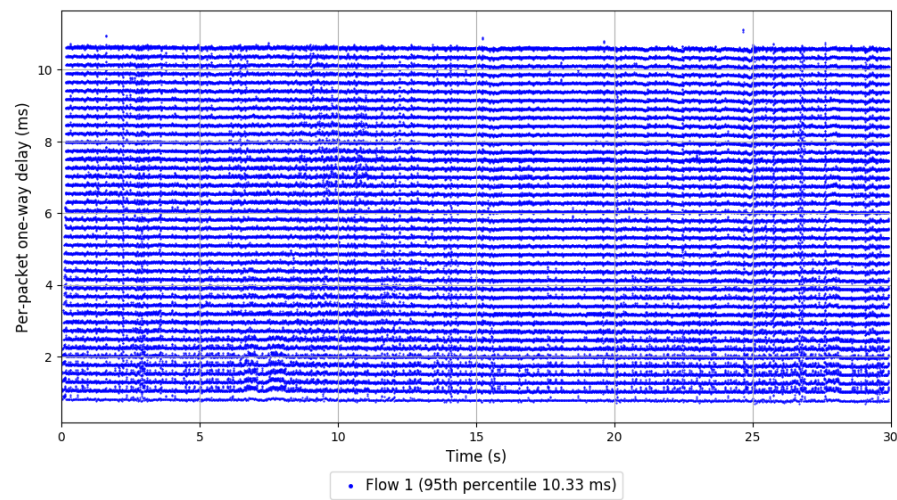
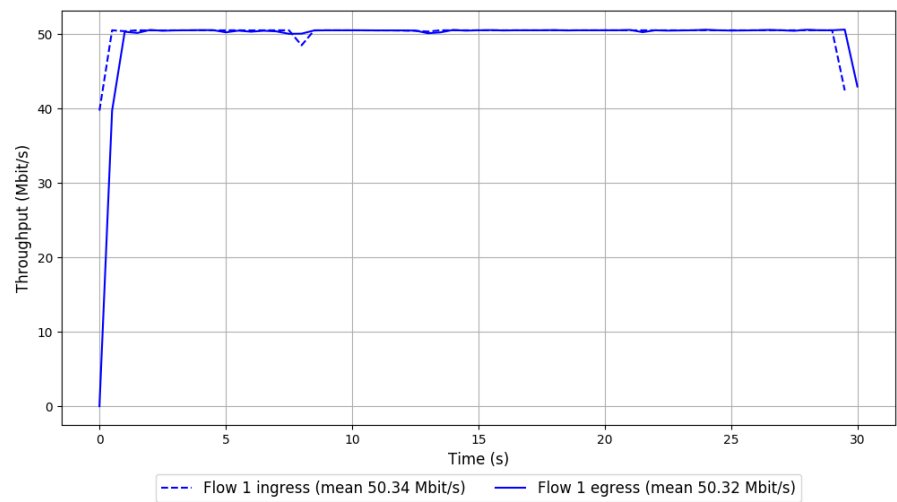
-- Flow 1:

Average throughput: 50.32 Mbit/s

95th percentile per-packet one-way delay: 10.332 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2019-03-26 20:36:46

End at: 2019-03-26 20:37:16

Local clock offset: -7.873 ms

Remote clock offset: 0.131 ms

Below is generated by plot.py at 2019-03-26 22:13:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.28 Mbit/s

95th percentile per-packet one-way delay: 10.388 ms

Loss rate: 0.00%

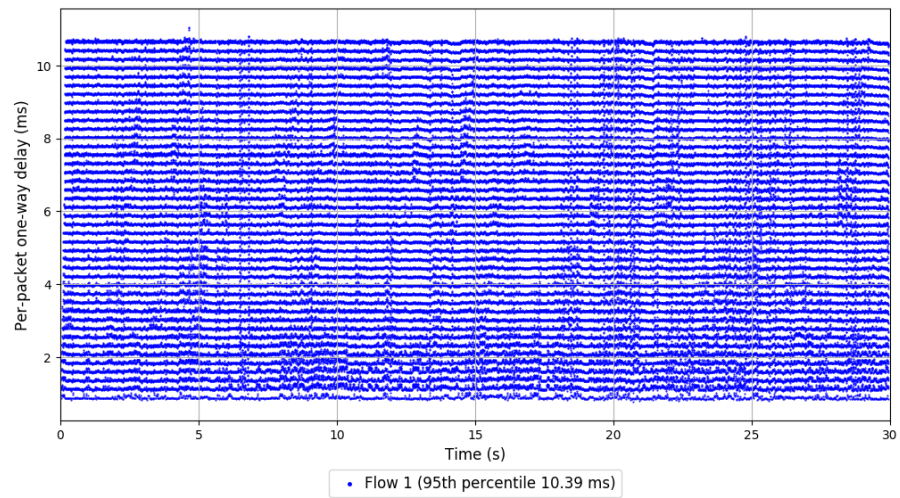
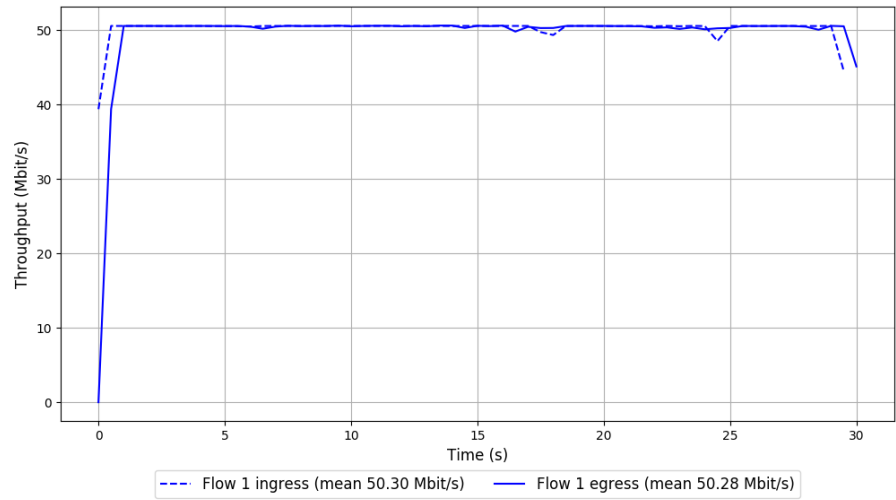
-- Flow 1:

Average throughput: 50.28 Mbit/s

95th percentile per-packet one-way delay: 10.388 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

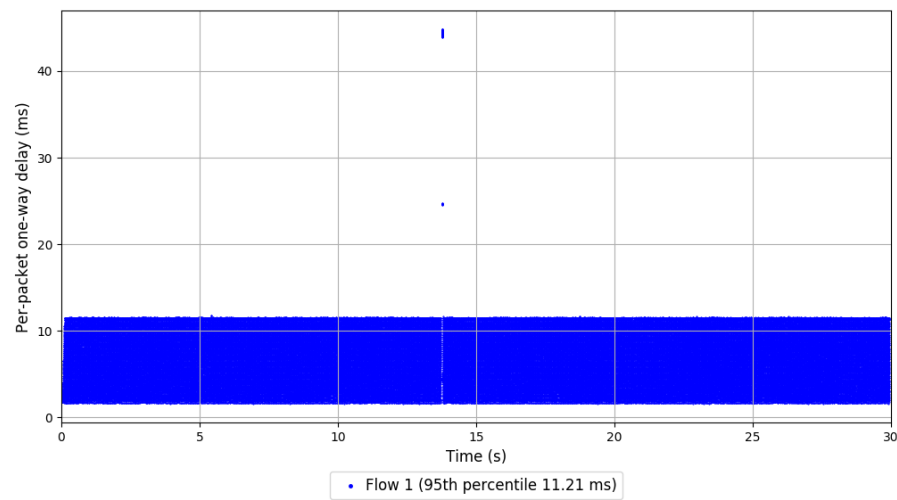
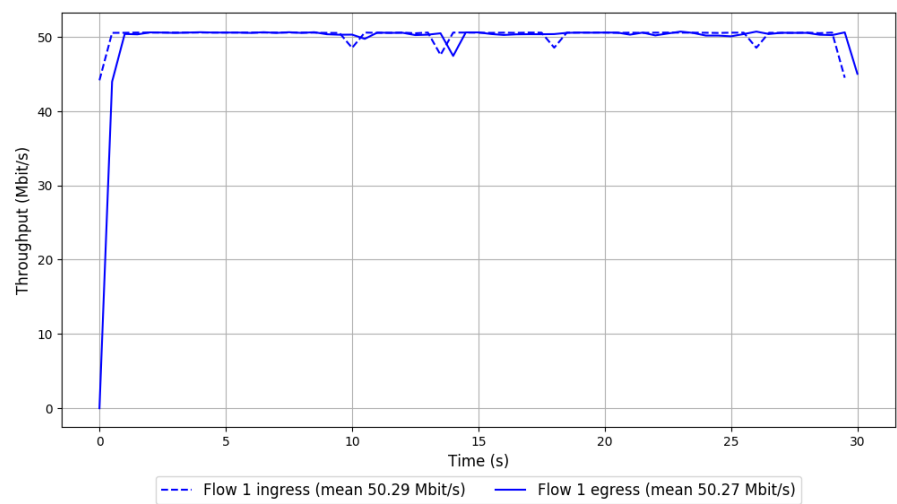


Run 3: Statistics of Sprout

Start at: 2019-03-26 21:00:15
End at: 2019-03-26 21:00:45
Local clock offset: -7.869 ms
Remote clock offset: 0.177 ms

Below is generated by plot.py at 2019-03-26 22:13:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 11.210 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 11.210 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

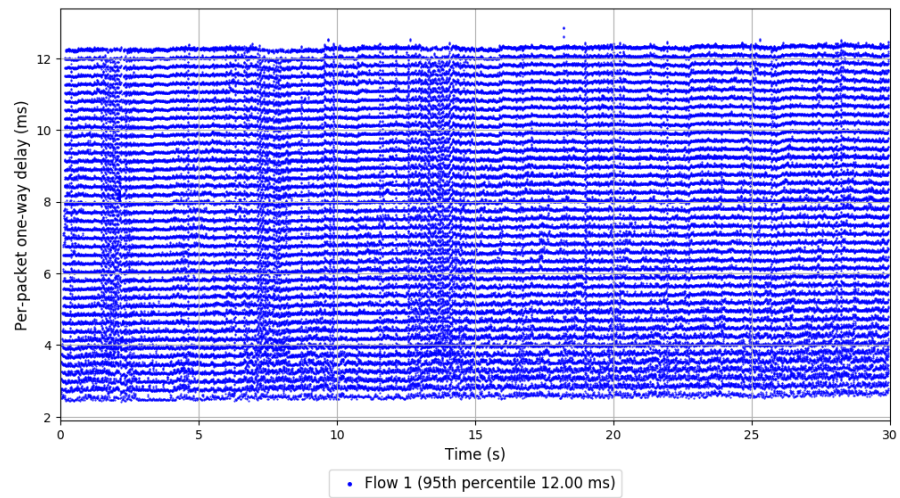
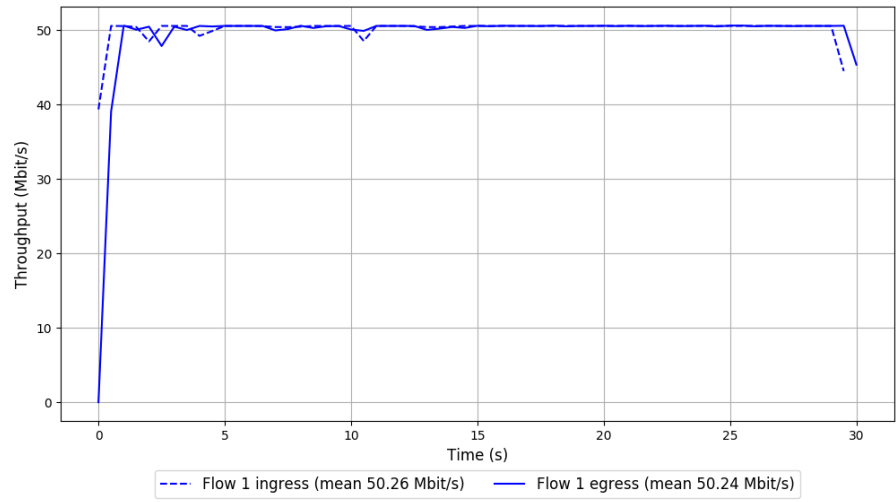


Run 4: Statistics of Sprout

Start at: 2019-03-26 21:23:41
End at: 2019-03-26 21:24:12
Local clock offset: -4.246 ms
Remote clock offset: 0.142 ms

Below is generated by plot.py at 2019-03-26 22:13:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 12.003 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 12.003 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-03-26 21:47:15

End at: 2019-03-26 21:47:45

Local clock offset: -2.285 ms

Remote clock offset: 0.041 ms

Below is generated by plot.py at 2019-03-26 22:14:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.35 Mbit/s

95th percentile per-packet one-way delay: 12.436 ms

Loss rate: 0.00%

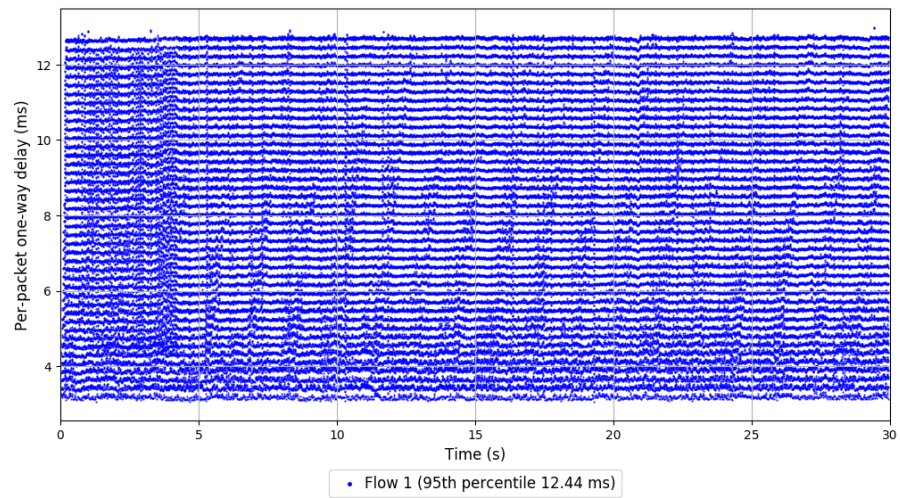
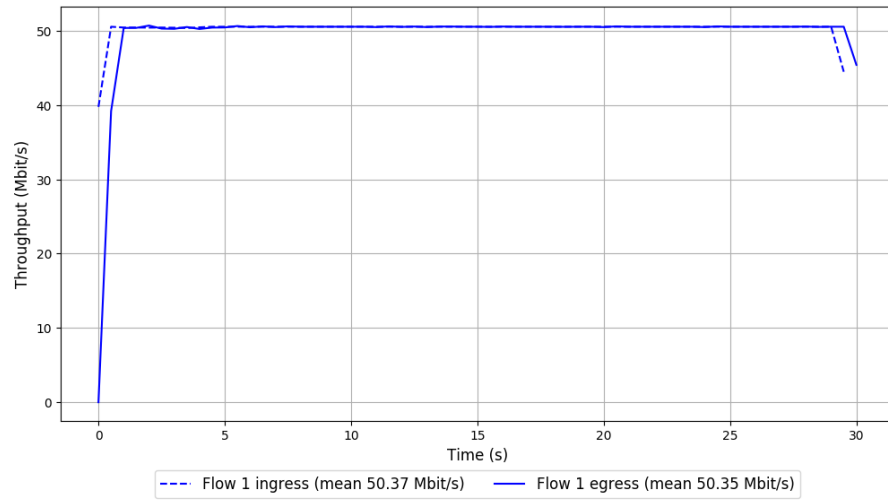
-- Flow 1:

Average throughput: 50.35 Mbit/s

95th percentile per-packet one-way delay: 12.436 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-03-26 20:27:49

End at: 2019-03-26 20:28:19

Local clock offset: -7.78 ms

Remote clock offset: 0.108 ms

Below is generated by plot.py at 2019-03-26 22:14:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 0.943 ms

Loss rate: 81.14%

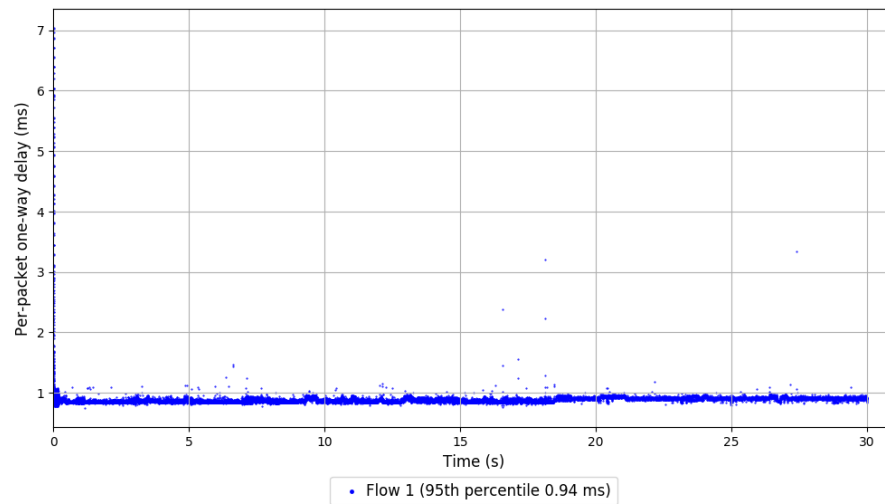
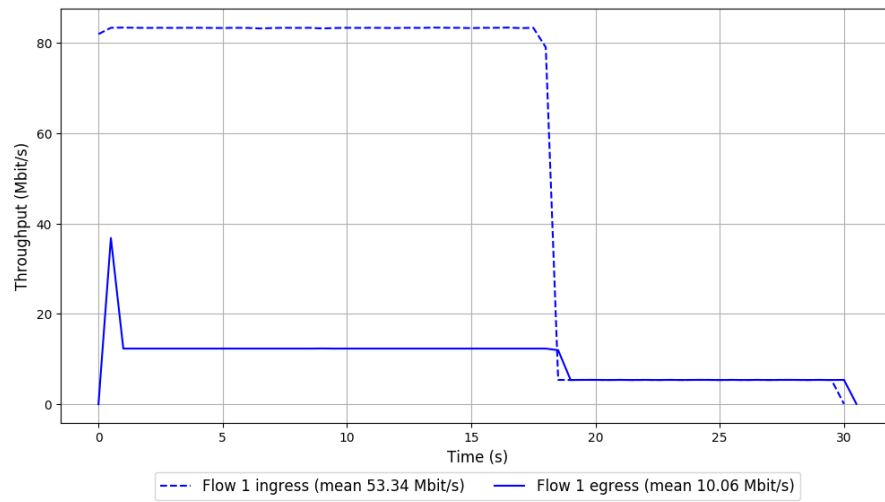
-- Flow 1:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 0.943 ms

Loss rate: 81.14%

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



Run 2: Statistics of TaoVA-100x

Start at: 2019-03-26 20:51:18

End at: 2019-03-26 20:51:48

Local clock offset: -7.561 ms

Remote clock offset: 0.124 ms

Below is generated by plot.py at 2019-03-26 22:14:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 2.529 ms

Loss rate: 81.14%

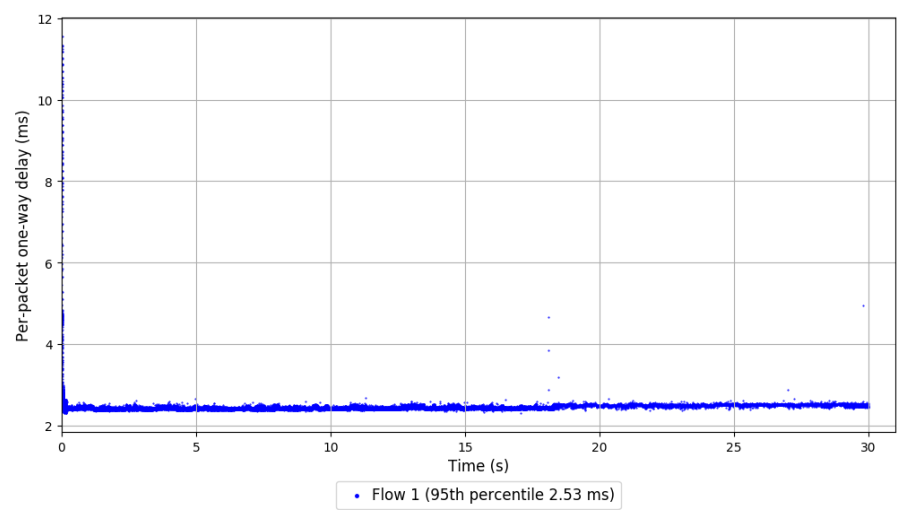
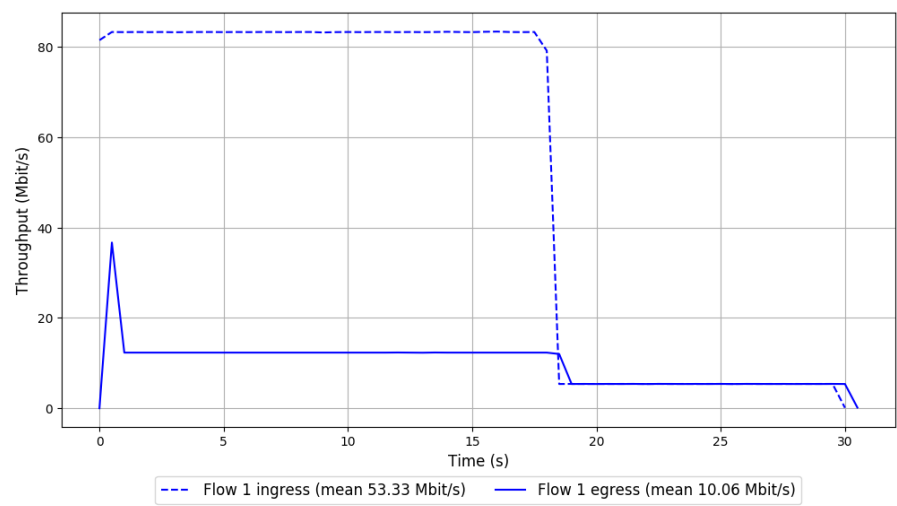
-- Flow 1:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 2.529 ms

Loss rate: 81.14%

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



Run 3: Statistics of TaoVA-100x

Start at: 2019-03-26 21:14:44

End at: 2019-03-26 21:15:14

Local clock offset: -7.29 ms

Remote clock offset: 0.046 ms

Below is generated by plot.py at 2019-03-26 22:14:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 0.923 ms

Loss rate: 81.13%

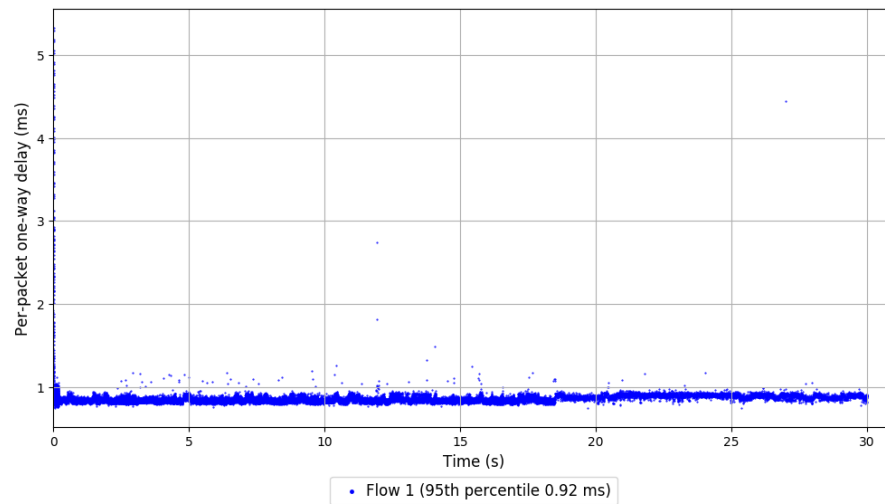
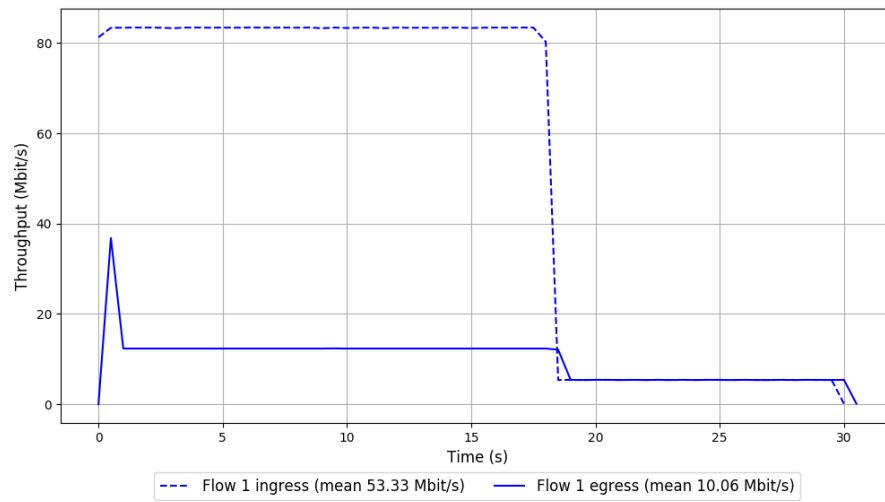
-- Flow 1:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 0.923 ms

Loss rate: 81.13%

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



Run 4: Statistics of TaoVA-100x

Start at: 2019-03-26 21:38:12

End at: 2019-03-26 21:38:42

Local clock offset: -2.863 ms

Remote clock offset: 0.067 ms

Below is generated by plot.py at 2019-03-26 22:14:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.14 Mbit/s

95th percentile per-packet one-way delay: 3.239 ms

Loss rate: 81.01%

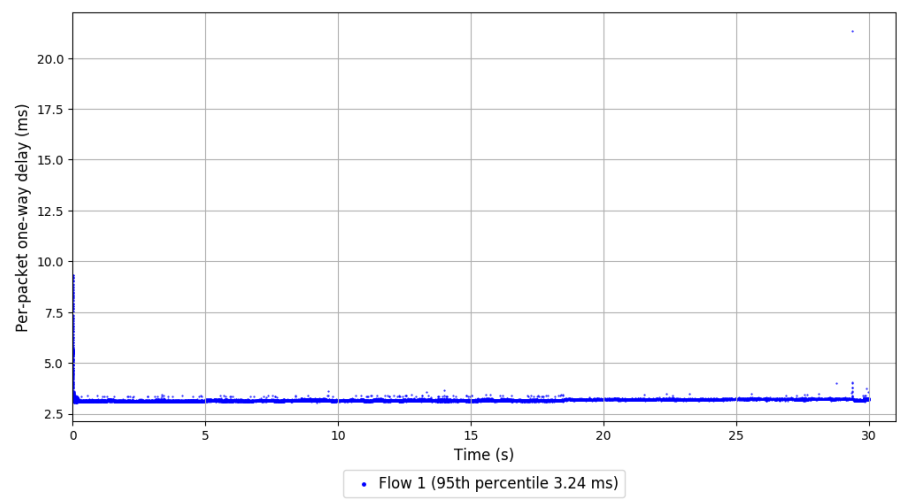
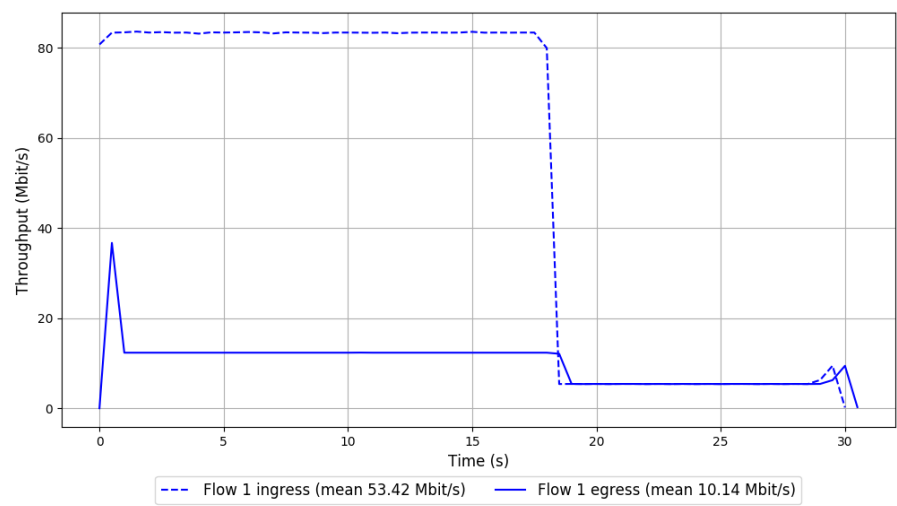
-- Flow 1:

Average throughput: 10.14 Mbit/s

95th percentile per-packet one-way delay: 3.239 ms

Loss rate: 81.01%

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



Run 5: Statistics of TaoVA-100x

Start at: 2019-03-26 22:01:46

End at: 2019-03-26 22:02:16

Local clock offset: -1.608 ms

Remote clock offset: 0.046 ms

Below is generated by plot.py at 2019-03-26 22:14:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.01 Mbit/s

95th percentile per-packet one-way delay: 3.251 ms

Loss rate: 83.90%

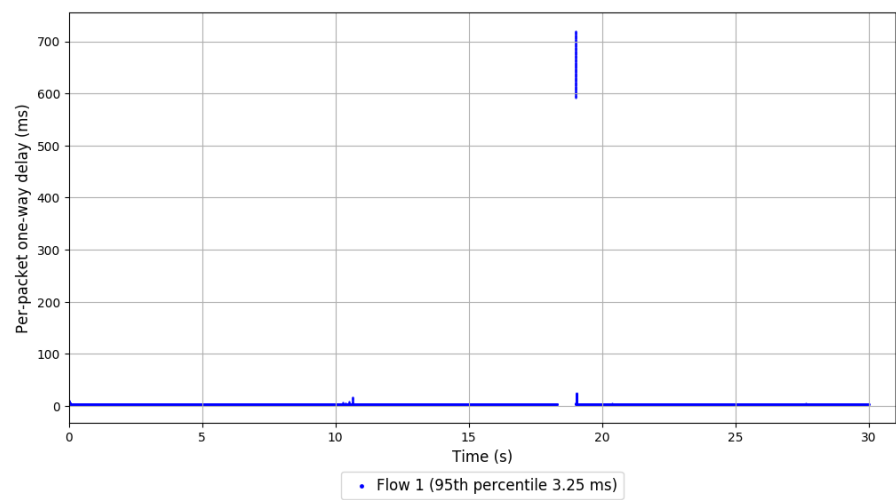
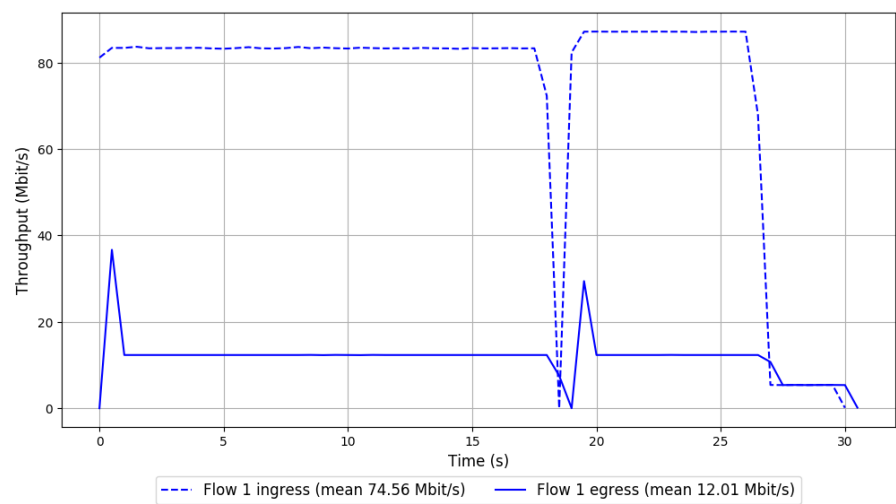
-- Flow 1:

Average throughput: 12.01 Mbit/s

95th percentile per-packet one-way delay: 3.251 ms

Loss rate: 83.90%

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



Run 1: Statistics of TCP Vegas

Start at: 2019-03-26 20:18:52

End at: 2019-03-26 20:19:22

Local clock offset: -8.574 ms

Remote clock offset: 0.032 ms

Below is generated by plot.py at 2019-03-26 22:15:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 3.997 ms

Loss rate: 0.00%

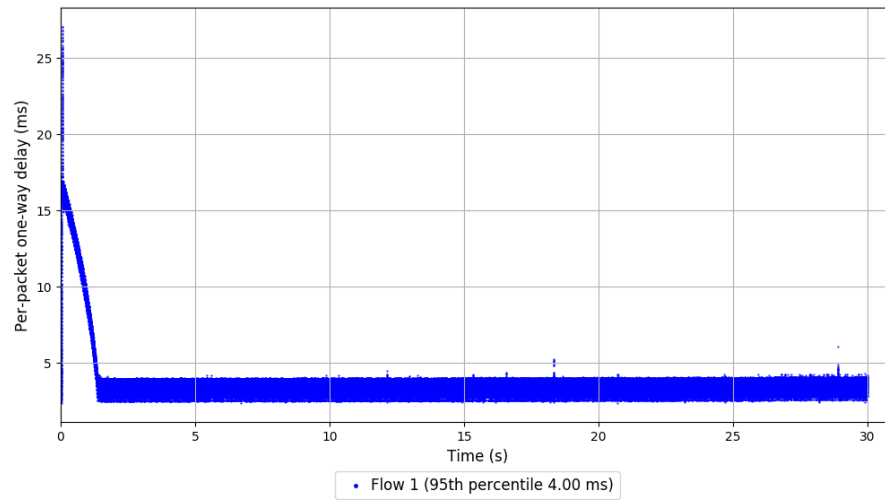
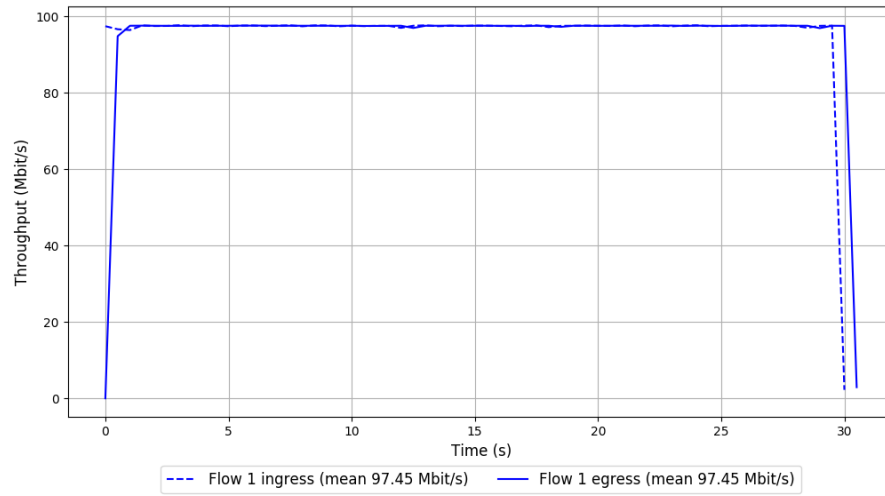
-- Flow 1:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 3.997 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-03-26 20:42:21

End at: 2019-03-26 20:42:51

Local clock offset: -8.765 ms

Remote clock offset: 0.173 ms

Below is generated by plot.py at 2019-03-26 22:15:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 4.683 ms

Loss rate: 0.00%

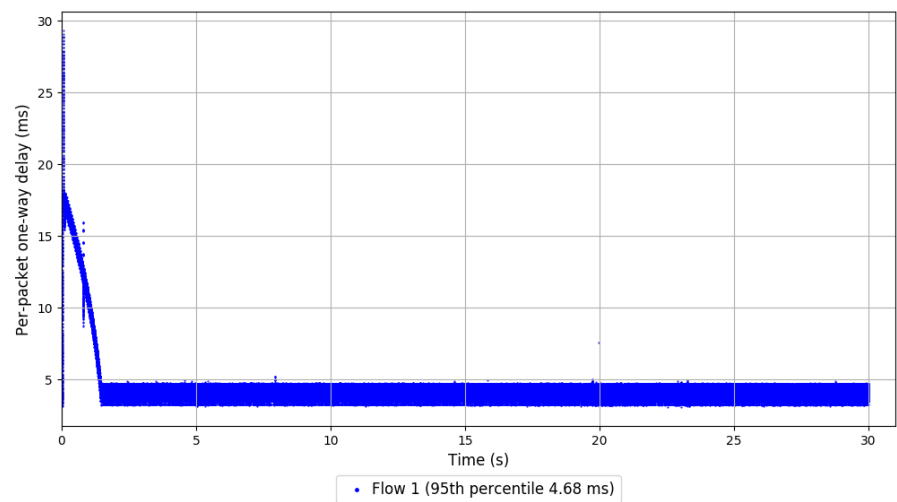
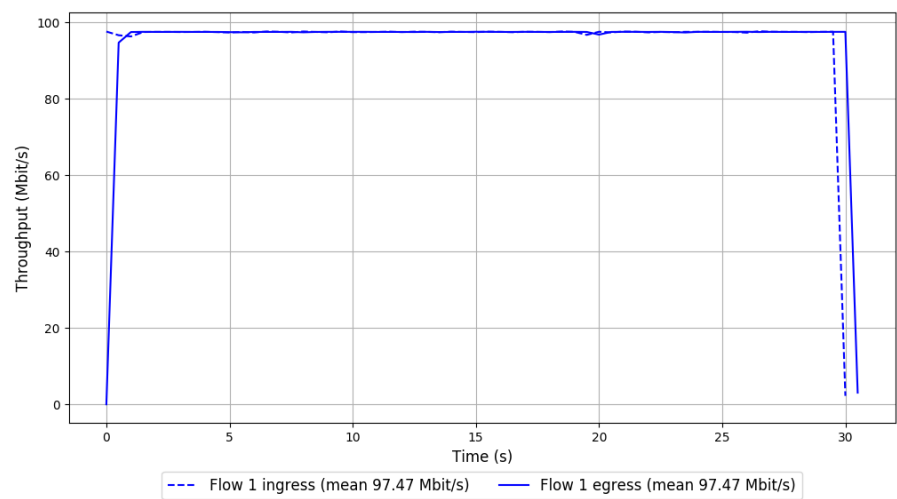
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 4.683 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-03-26 21:05:50

End at: 2019-03-26 21:06:20

Local clock offset: -7.858 ms

Remote clock offset: 0.112 ms

Below is generated by plot.py at 2019-03-26 22:15:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 4.660 ms

Loss rate: 0.00%

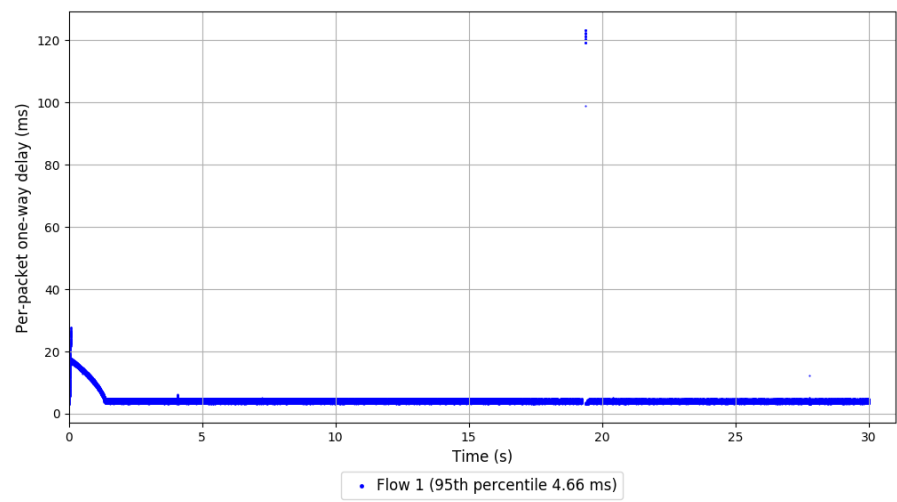
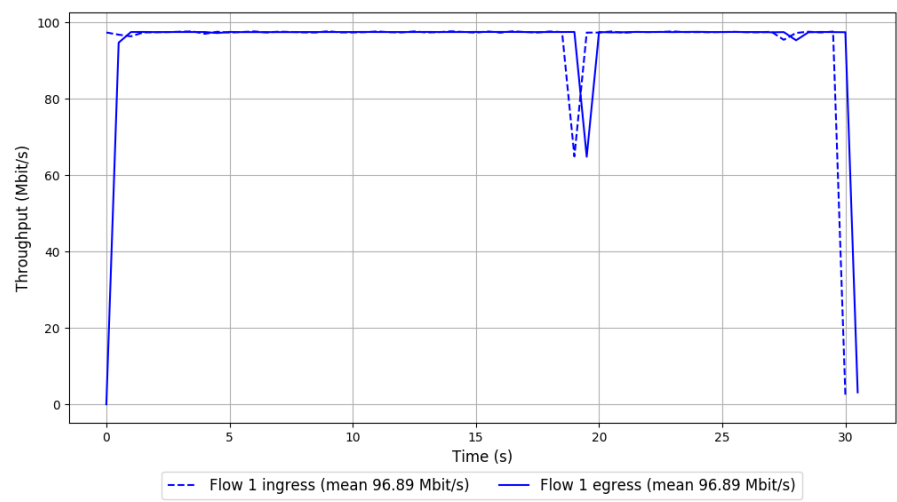
-- Flow 1:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 4.660 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

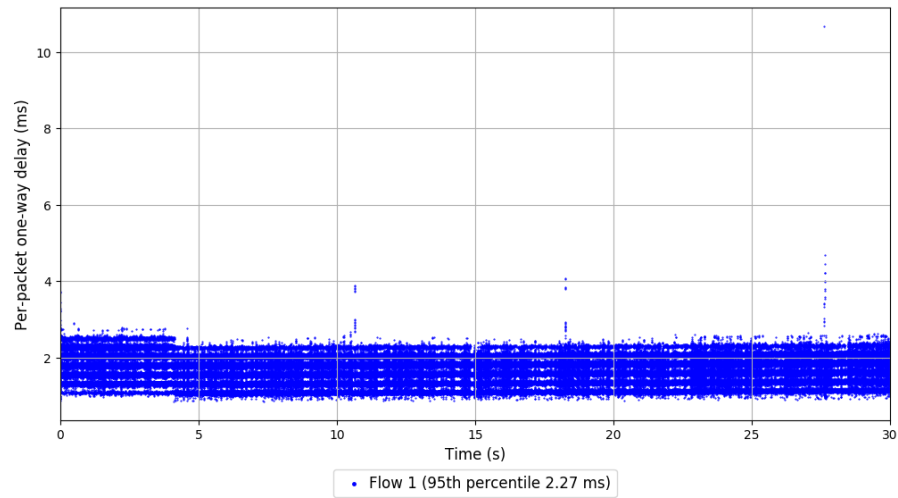
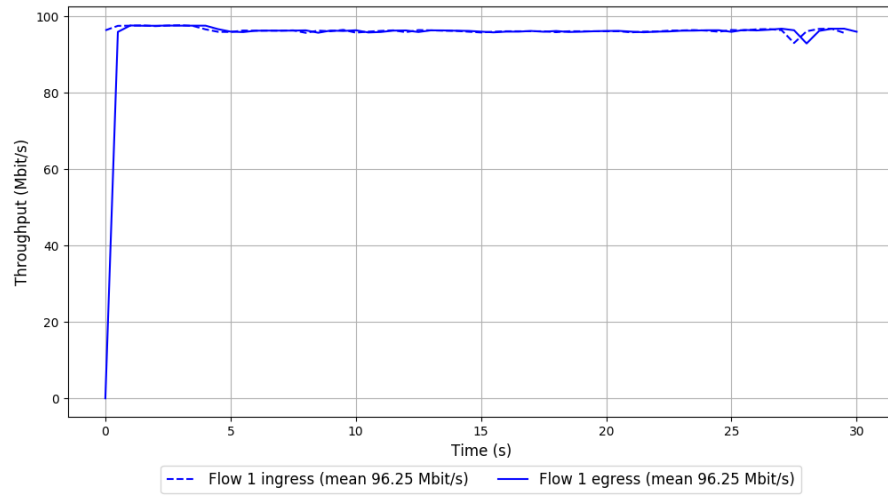


Run 4: Statistics of TCP Vegas

Start at: 2019-03-26 21:29:16
End at: 2019-03-26 21:29:46
Local clock offset: -3.115 ms
Remote clock offset: 0.122 ms

Below is generated by plot.py at 2019-03-26 22:15:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 2.273 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 2.273 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-03-26 21:52:50

End at: 2019-03-26 21:53:20

Local clock offset: -2.005 ms

Remote clock offset: 0.049 ms

Below is generated by plot.py at 2019-03-26 22:15:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 4.696 ms

Loss rate: 0.00%

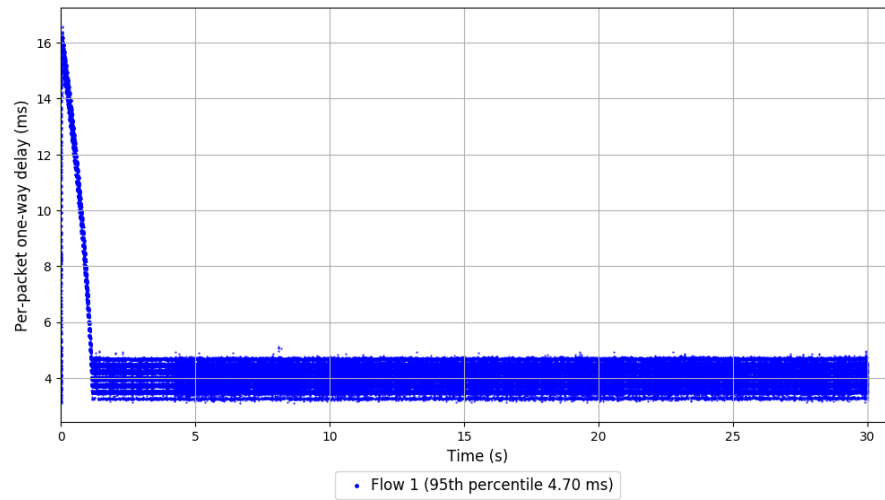
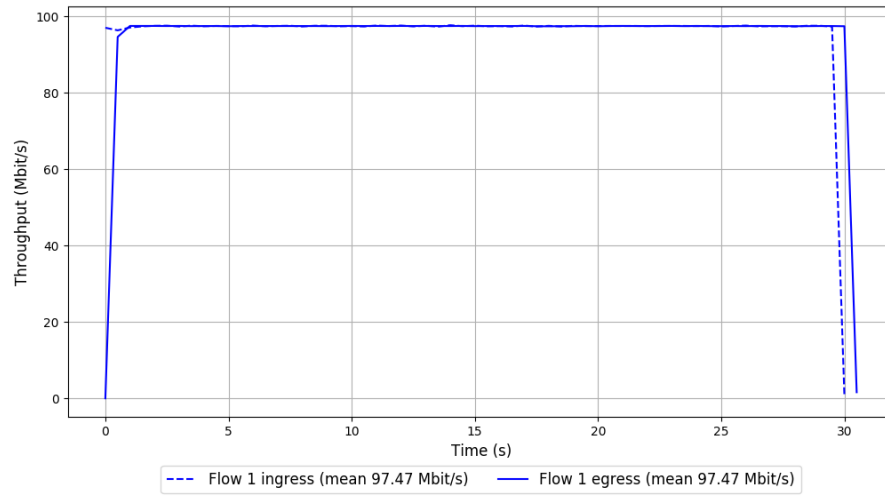
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 4.696 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-03-26 20:22:13

End at: 2019-03-26 20:22:43

Local clock offset: -8.114 ms

Remote clock offset: 0.068 ms

Below is generated by plot.py at 2019-03-26 22:15:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.52 Mbit/s

95th percentile per-packet one-way delay: 11.254 ms

Loss rate: 0.92%

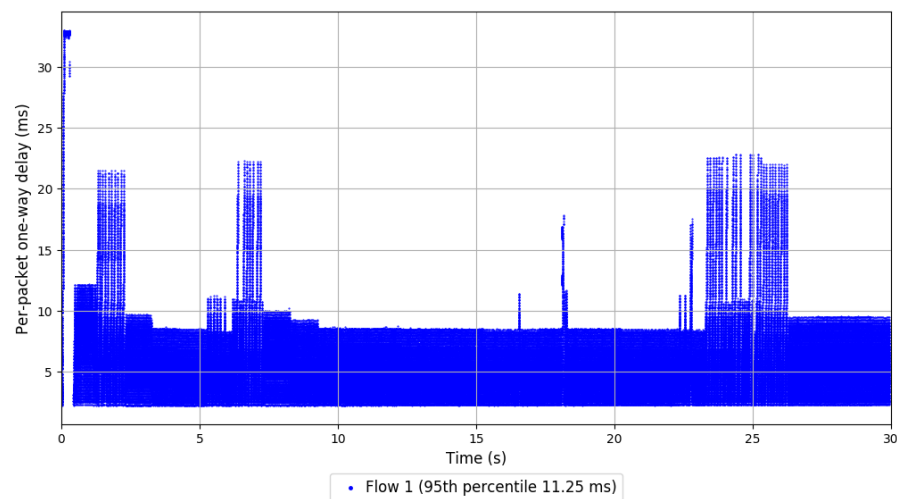
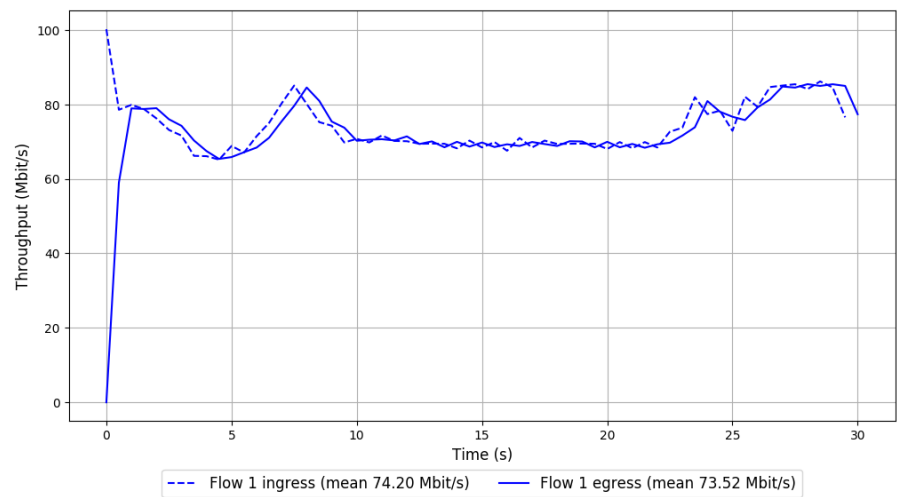
-- Flow 1:

Average throughput: 73.52 Mbit/s

95th percentile per-packet one-way delay: 11.254 ms

Loss rate: 0.92%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-03-26 20:45:42

End at: 2019-03-26 20:46:12

Local clock offset: -8.914 ms

Remote clock offset: 0.15 ms

Below is generated by plot.py at 2019-03-26 22:15:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.72 Mbit/s

95th percentile per-packet one-way delay: 9.971 ms

Loss rate: 1.00%

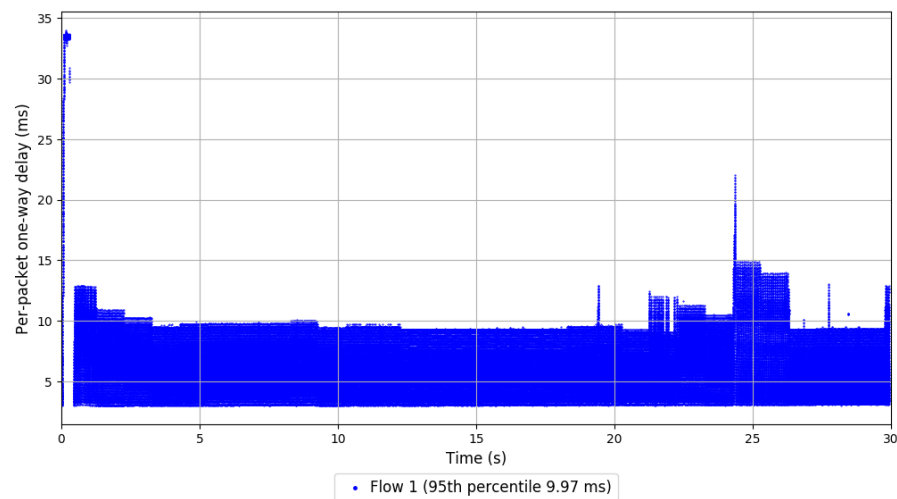
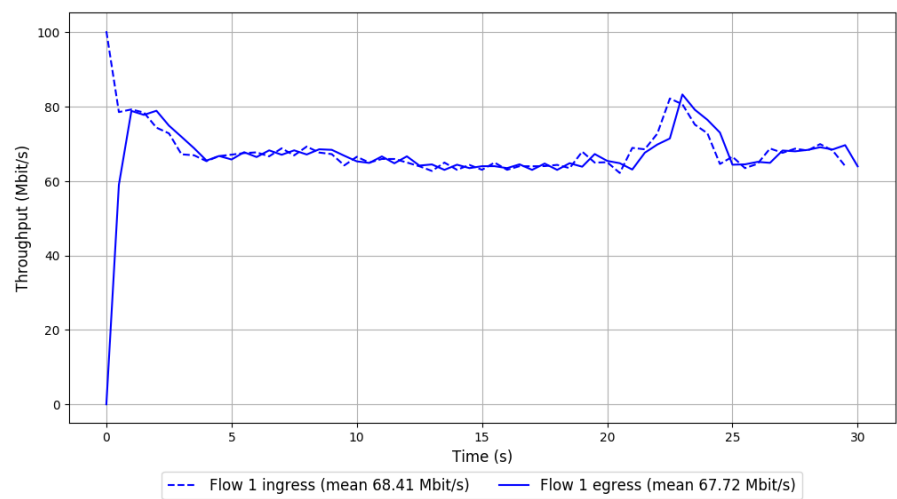
-- Flow 1:

Average throughput: 67.72 Mbit/s

95th percentile per-packet one-way delay: 9.971 ms

Loss rate: 1.00%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-03-26 21:09:10

End at: 2019-03-26 21:09:40

Local clock offset: -7.133 ms

Remote clock offset: 0.18 ms

Below is generated by plot.py at 2019-03-26 22:15:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.68 Mbit/s

95th percentile per-packet one-way delay: 5.625 ms

Loss rate: 1.64%

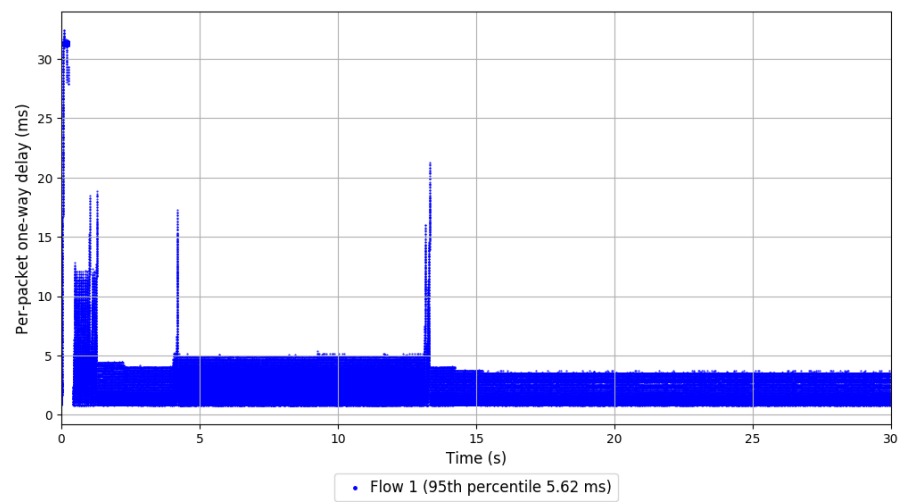
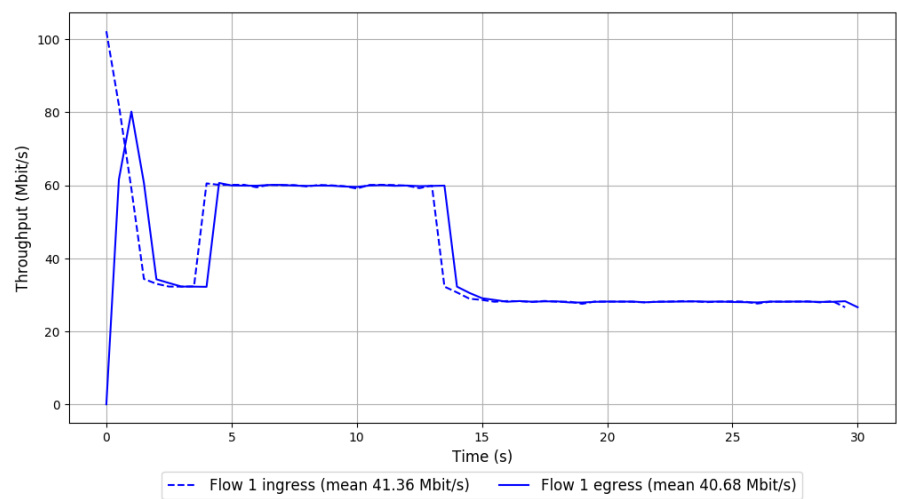
-- Flow 1:

Average throughput: 40.68 Mbit/s

95th percentile per-packet one-way delay: 5.625 ms

Loss rate: 1.64%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-03-26 21:32:36

End at: 2019-03-26 21:33:06

Local clock offset: -3.404 ms

Remote clock offset: 0.151 ms

Below is generated by plot.py at 2019-03-26 22:15:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.40 Mbit/s

95th percentile per-packet one-way delay: 9.133 ms

Loss rate: 1.21%

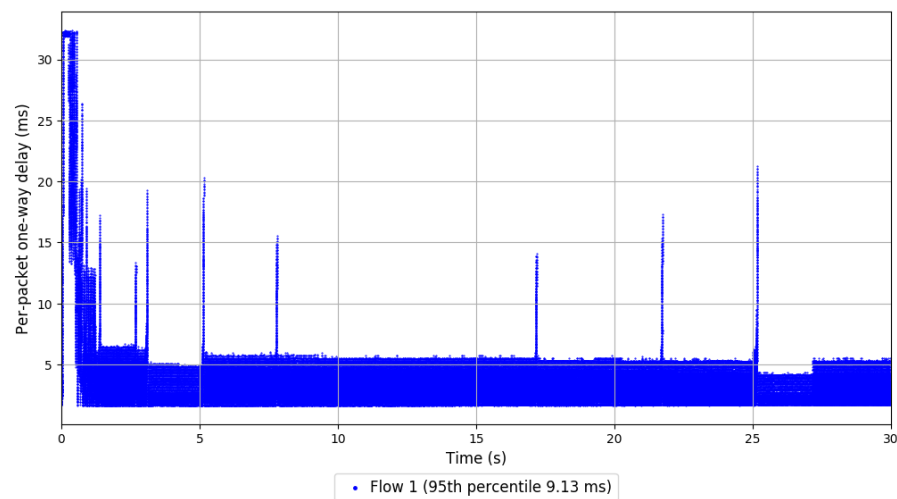
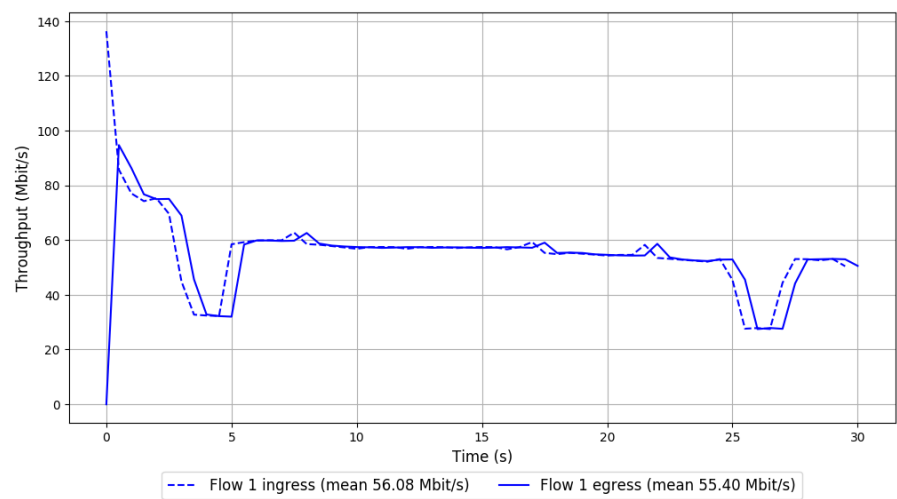
-- Flow 1:

Average throughput: 55.40 Mbit/s

95th percentile per-packet one-way delay: 9.133 ms

Loss rate: 1.21%

Run 4: Report of Verus — Data Link

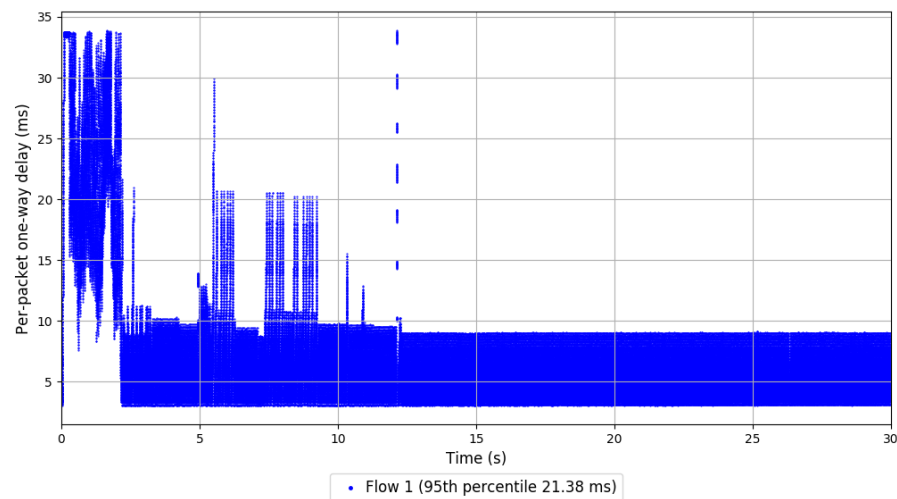
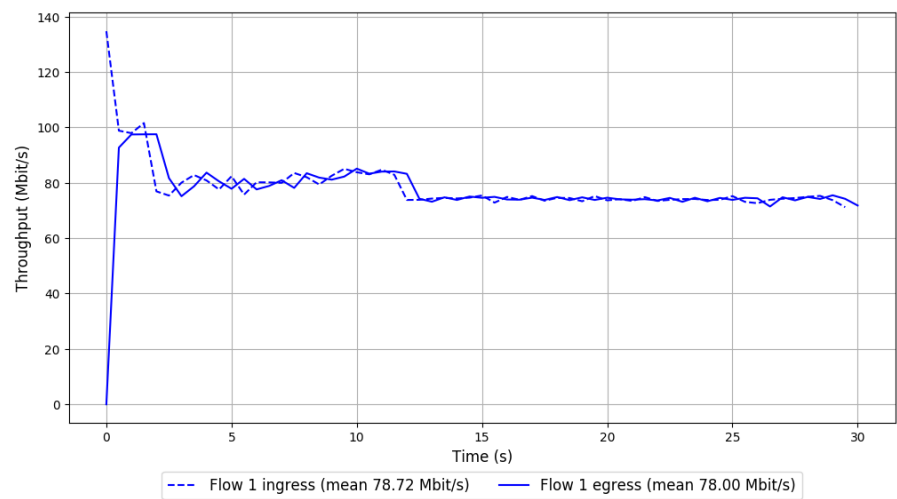


Run 5: Statistics of Verus

Start at: 2019-03-26 21:56:10
End at: 2019-03-26 21:56:40
Local clock offset: -1.853 ms
Remote clock offset: 0.07 ms

Below is generated by plot.py at 2019-03-26 22:15:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.00 Mbit/s
95th percentile per-packet one-way delay: 21.378 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 78.00 Mbit/s
95th percentile per-packet one-way delay: 21.378 ms
Loss rate: 0.91%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-03-26 20:26:40

End at: 2019-03-26 20:27:10

Local clock offset: -7.813 ms

Remote clock offset: 0.115 ms

Below is generated by plot.py at 2019-03-26 22:15:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.07 Mbit/s

95th percentile per-packet one-way delay: 2.518 ms

Loss rate: 0.00%

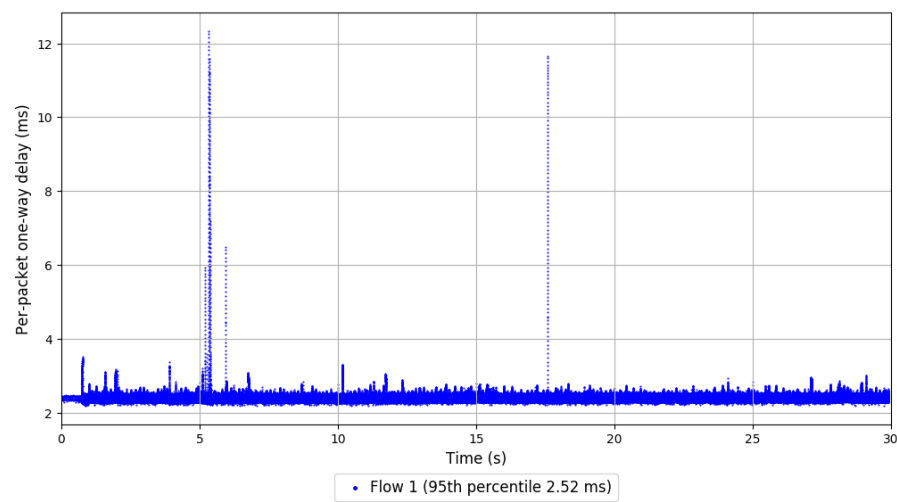
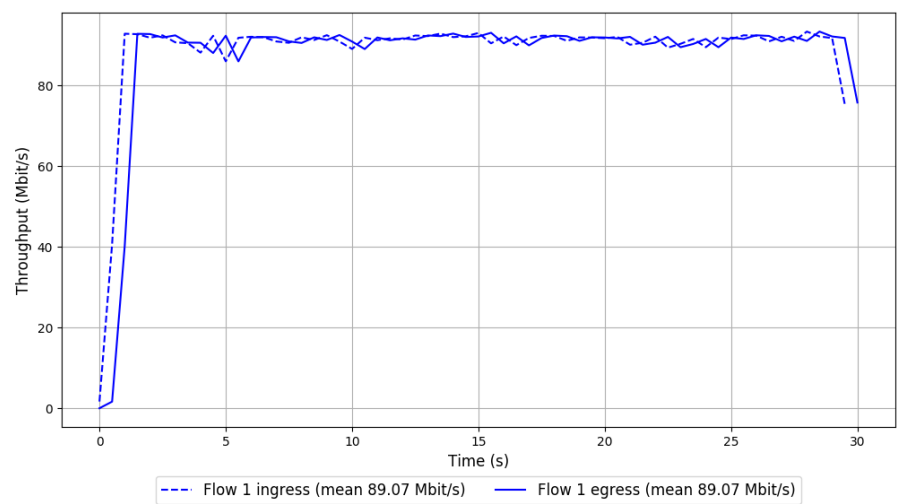
-- Flow 1:

Average throughput: 89.07 Mbit/s

95th percentile per-packet one-way delay: 2.518 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-03-26 20:50:09

End at: 2019-03-26 20:50:39

Local clock offset: -7.697 ms

Remote clock offset: 0.132 ms

Below is generated by plot.py at 2019-03-26 22:15:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.87 Mbit/s

95th percentile per-packet one-way delay: 1.160 ms

Loss rate: 0.00%

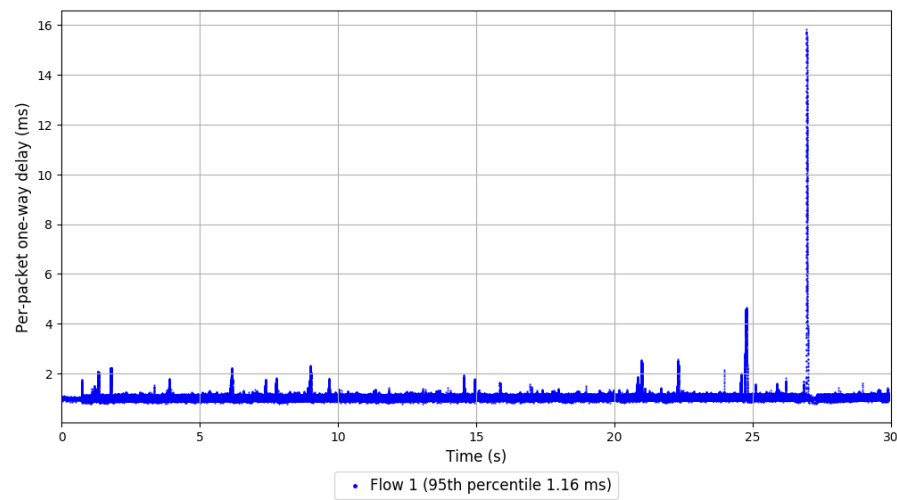
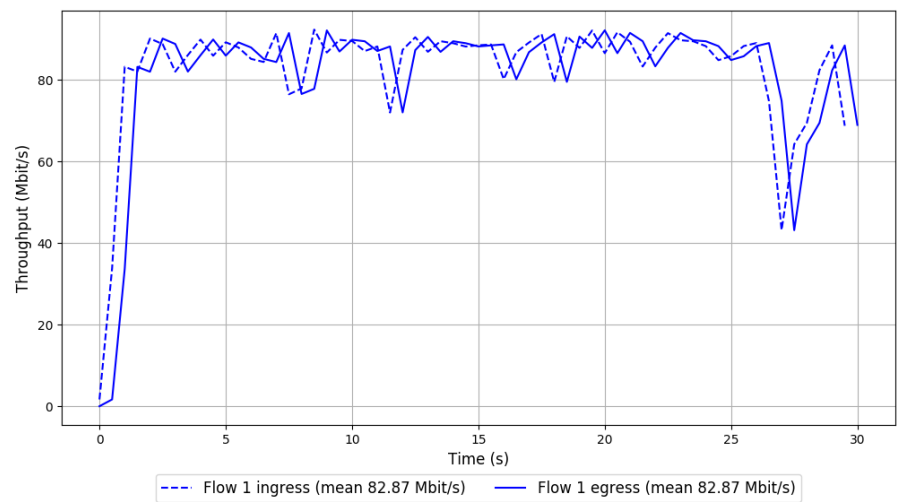
-- Flow 1:

Average throughput: 82.87 Mbit/s

95th percentile per-packet one-way delay: 1.160 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-03-26 21:13:35

End at: 2019-03-26 21:14:05

Local clock offset: -7.955 ms

Remote clock offset: 0.144 ms

Below is generated by plot.py at 2019-03-26 22:15:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.30 Mbit/s

95th percentile per-packet one-way delay: 1.851 ms

Loss rate: 0.00%

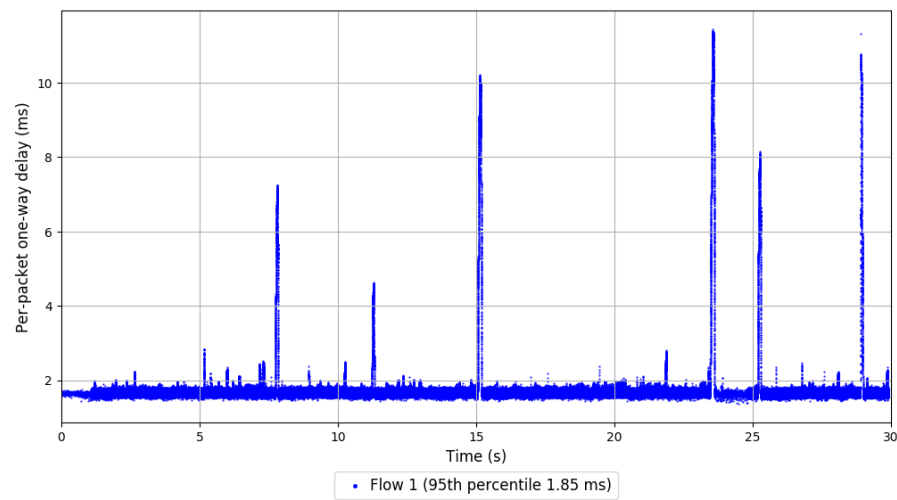
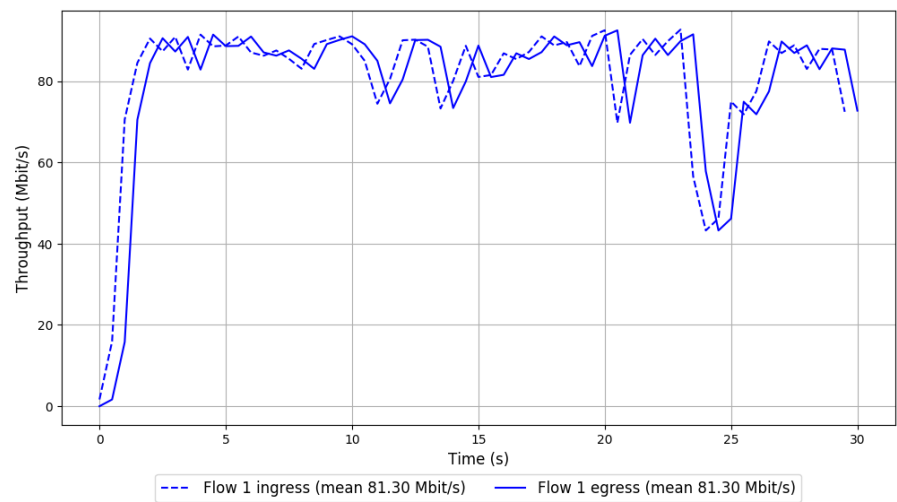
-- Flow 1:

Average throughput: 81.30 Mbit/s

95th percentile per-packet one-way delay: 1.851 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-03-26 21:37:03

End at: 2019-03-26 21:37:33

Local clock offset: -2.197 ms

Remote clock offset: 0.046 ms

Below is generated by plot.py at 2019-03-26 22:15:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.73 Mbit/s

95th percentile per-packet one-way delay: 2.556 ms

Loss rate: 0.00%

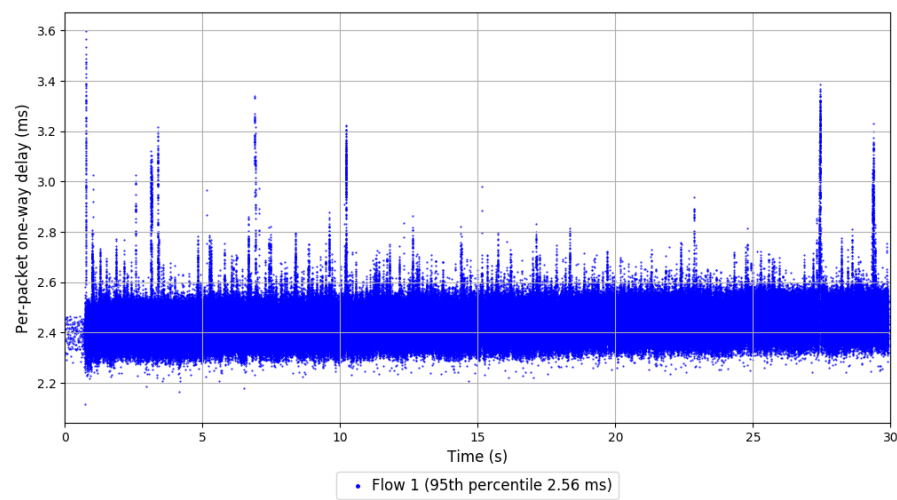
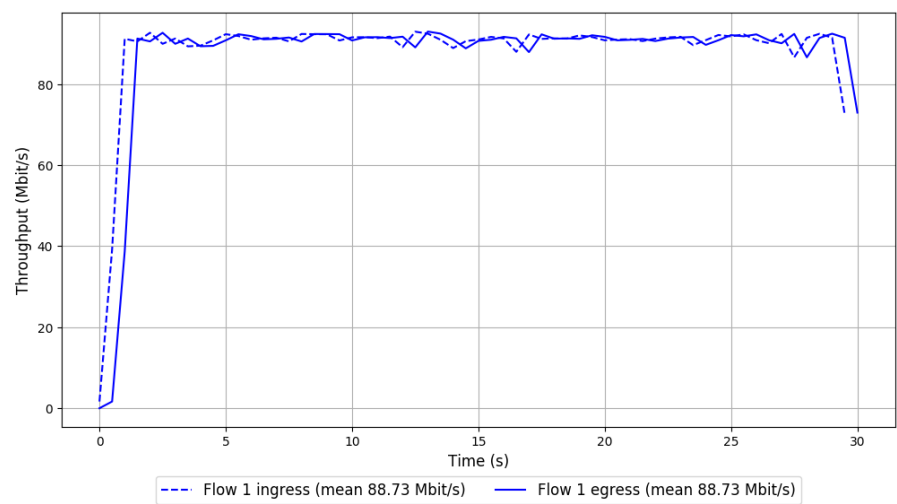
-- Flow 1:

Average throughput: 88.73 Mbit/s

95th percentile per-packet one-way delay: 2.556 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-03-26 22:00:37

End at: 2019-03-26 22:01:07

Local clock offset: -0.877 ms

Remote clock offset: 0.021 ms

Below is generated by plot.py at 2019-03-26 22:15:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.81 Mbit/s

95th percentile per-packet one-way delay: 1.009 ms

Loss rate: 0.00%

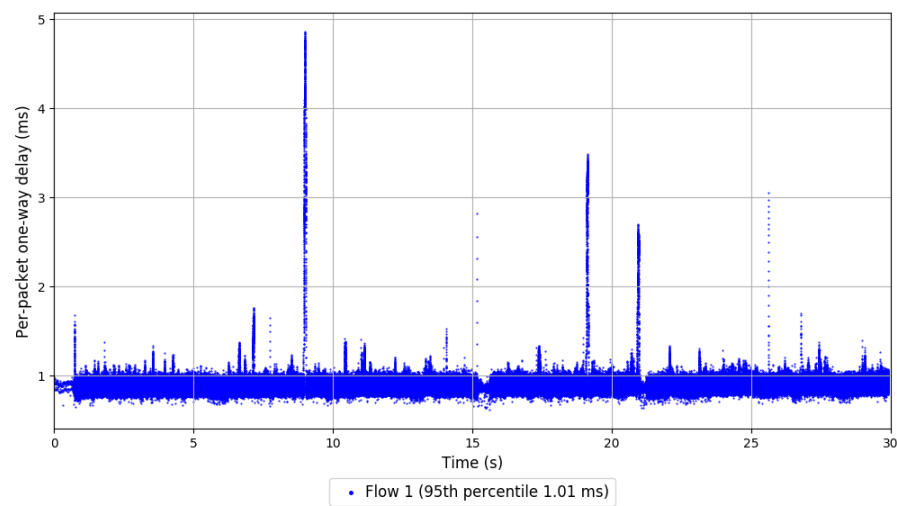
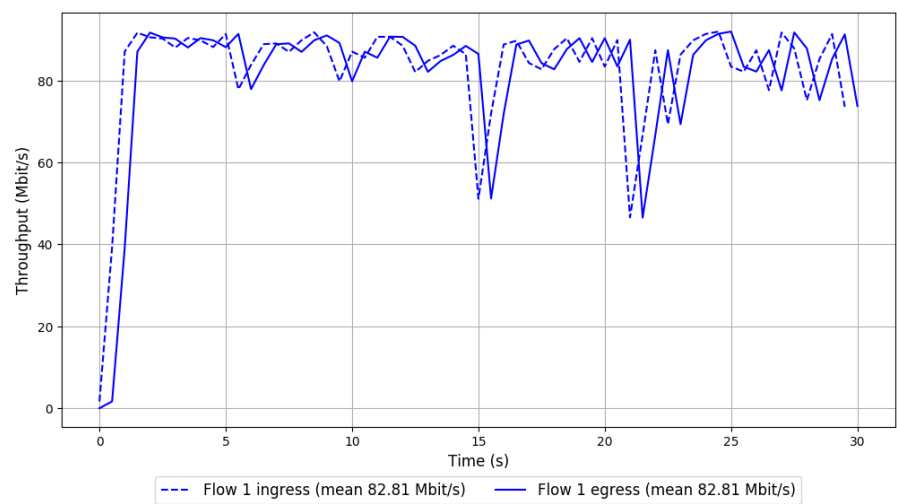
-- Flow 1:

Average throughput: 82.81 Mbit/s

95th percentile per-packet one-way delay: 1.009 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-03-26 20:20:00

End at: 2019-03-26 20:20:30

Local clock offset: -8.447 ms

Remote clock offset: 0.086 ms

Below is generated by plot.py at 2019-03-26 22:15:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 1.689 ms

Loss rate: 0.00%

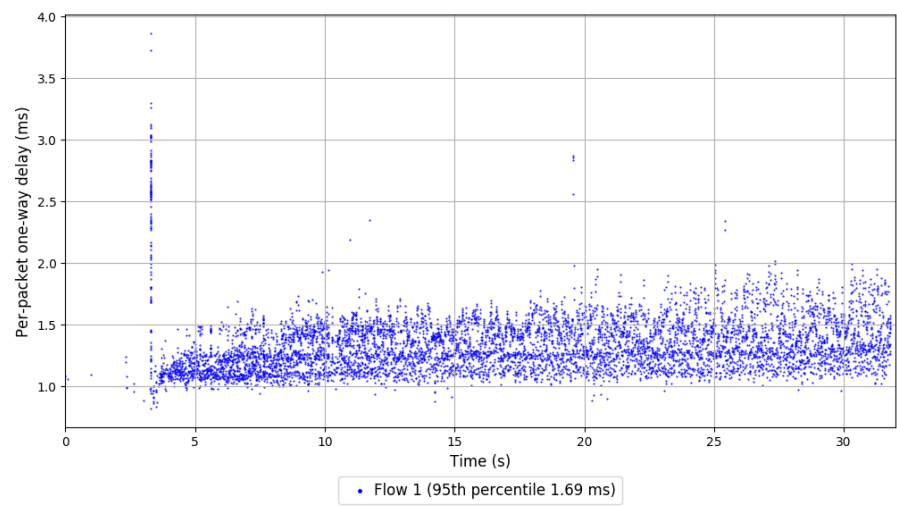
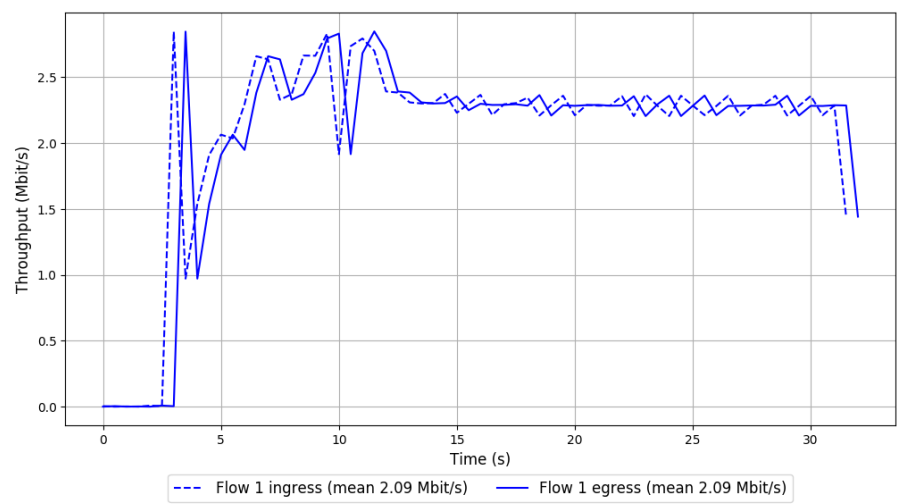
-- Flow 1:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 1.689 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-03-26 20:43:29

End at: 2019-03-26 20:44:00

Local clock offset: -8.818 ms

Remote clock offset: 0.206 ms

Below is generated by plot.py at 2019-03-26 22:15:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.738 ms

Loss rate: 0.00%

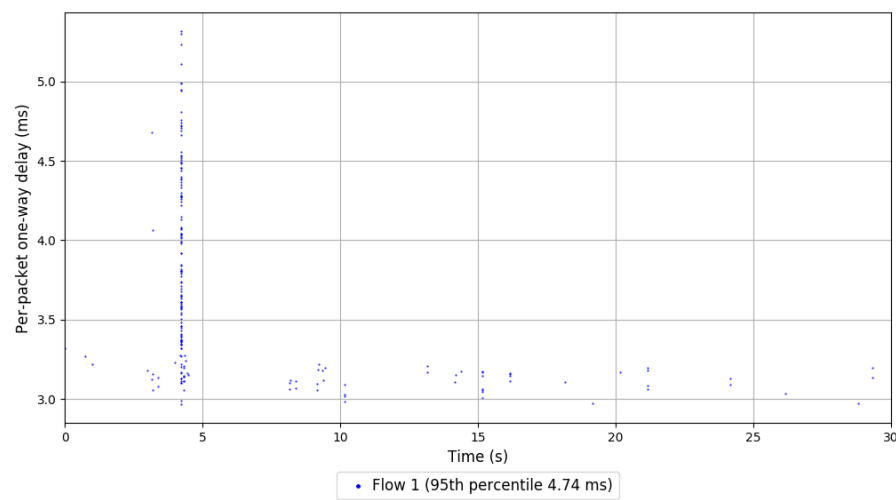
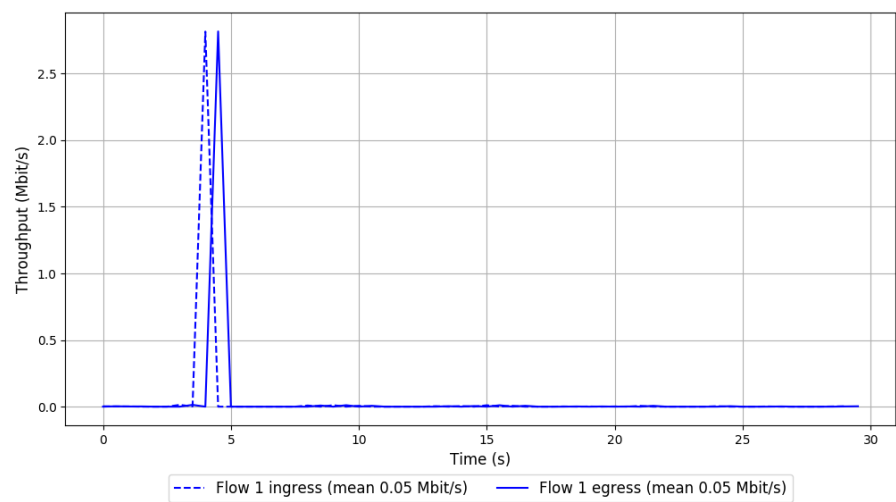
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.738 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-03-26 21:06:58

End at: 2019-03-26 21:07:28

Local clock offset: -7.088 ms

Remote clock offset: 0.051 ms

Below is generated by plot.py at 2019-03-26 22:15:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.083 ms

Loss rate: 0.00%

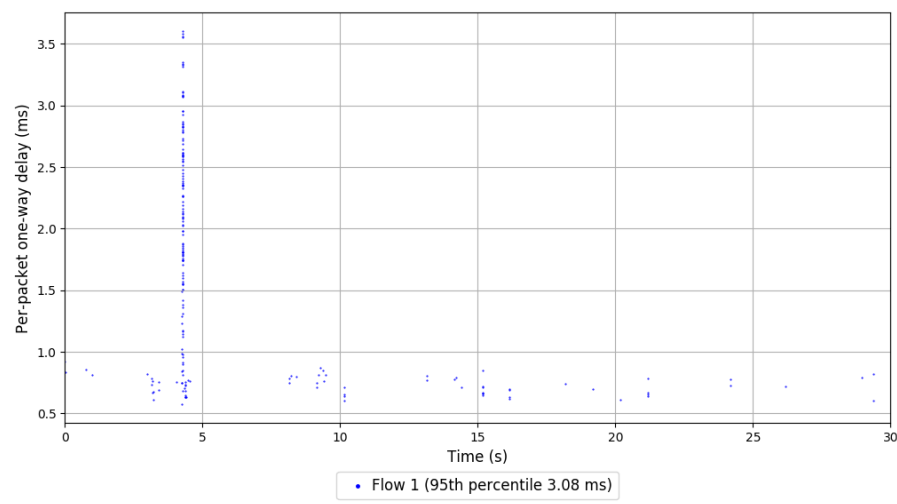
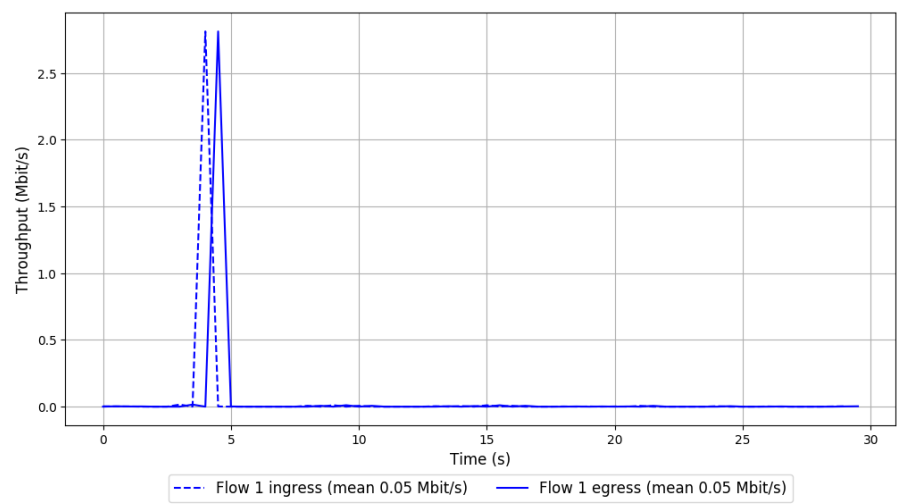
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.083 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-03-26 21:30:24

End at: 2019-03-26 21:30:54

Local clock offset: -3.711 ms

Remote clock offset: 0.153 ms

Below is generated by plot.py at 2019-03-26 22:15:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.593 ms

Loss rate: 0.00%

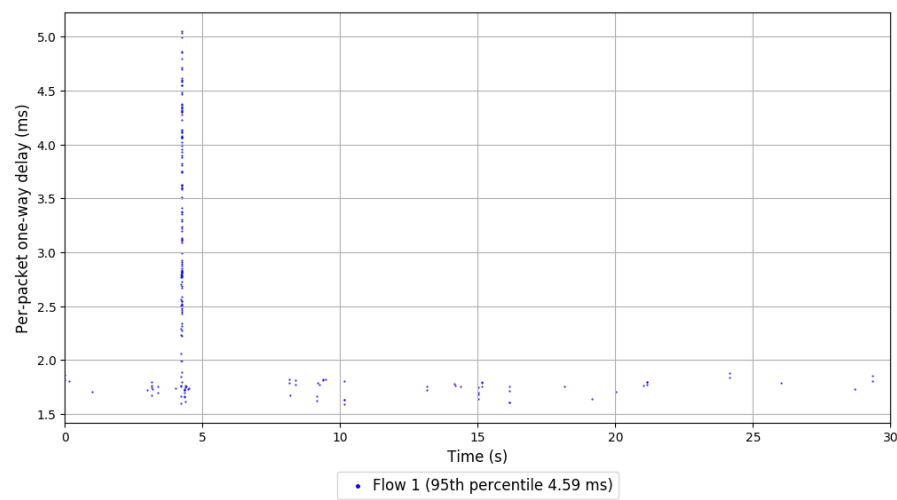
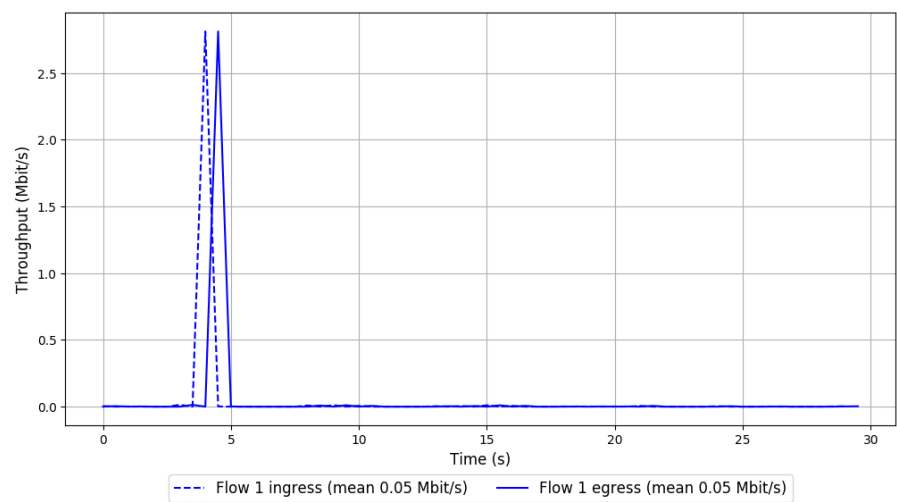
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.593 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-03-26 21:53:58

End at: 2019-03-26 21:54:28

Local clock offset: -1.176 ms

Remote clock offset: 0.044 ms

Below is generated by plot.py at 2019-03-26 22:15:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.733 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.733 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

