

Pantheon Report

Generated at 2019-03-26 23:18:42 (UTC).

Data path: AWS California 1 on `ens5` (*local*) → Stanford on `eno1` (*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 `time.stanford.edu` and have been applied to correct the timestamps in logs.

System info:

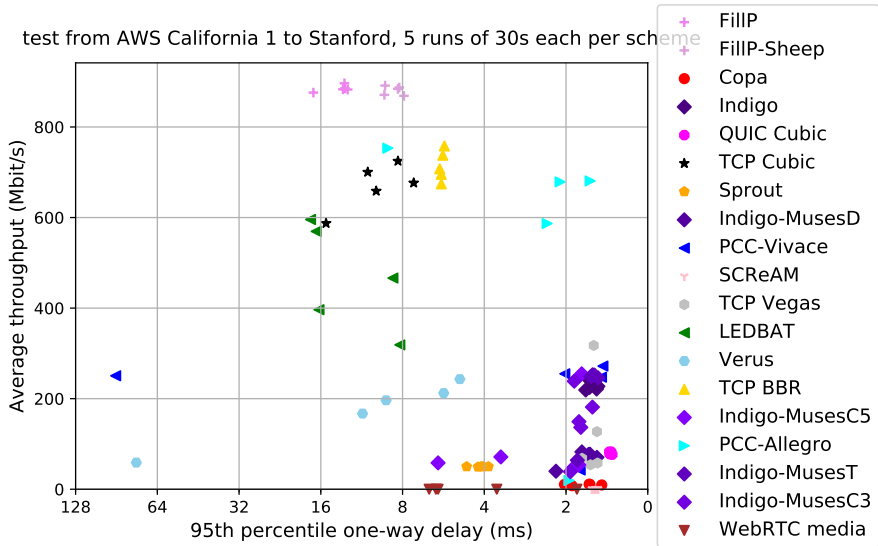
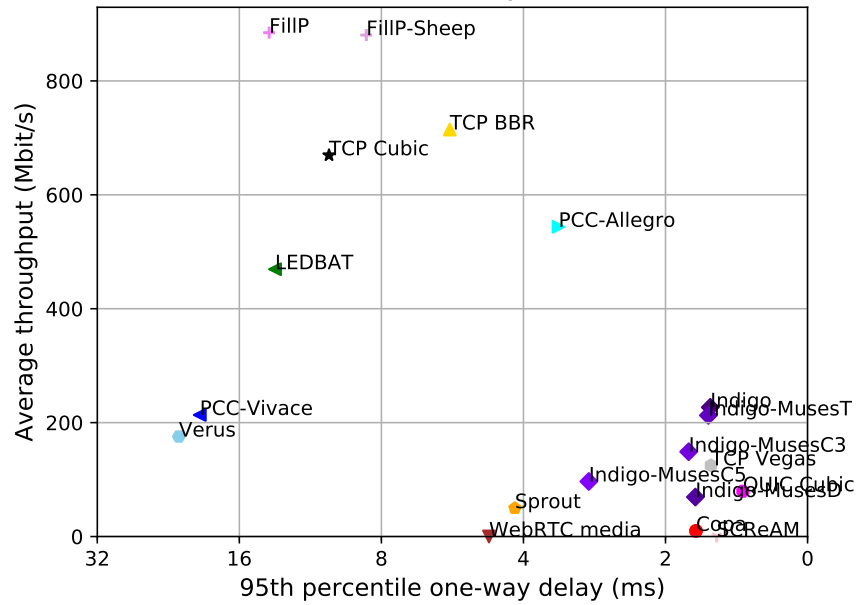
```
Linux 4.15.0-1034-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

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 California 1 to Stanford, 5 runs of 30s each per scheme
(mean of all runs by scheme)



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	714.67	5.73	0.14
Copa	5	9.91	1.57	45.48
TCP Cubic	5	669.49	10.33	0.10
FillP	5	884.66	13.83	3.62
FillP-Sheep	5	880.51	8.61	3.03
Indigo	5	226.91	1.37	0.01
Indigo-MusesC3	5	148.92	1.67	0.34
Indigo-MusesC5	5	96.72	2.91	0.05
Indigo-MusesD	5	69.33	1.58	0.05
Indigo-MusesT	5	212.75	1.40	0.25
LEDBAT	5	469.36	13.45	0.09
PCC-Allegro	5	543.80	3.37	0.15
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	79.53	0.91	0.01
SCReAM	5	0.22	1.28	0.00
Sprout	5	49.86	4.17	0.21
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	124.97	1.36	0.02
Verus	5	175.56	21.50	4.39
PCC-Vivace	5	213.46	19.41	0.09
WebRTC media	5	0.05	4.73	0.79

Run 1: Statistics of TCP BBR

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

End at: 2019-03-26 20:12:33

Local clock offset: 1.506 ms

Remote clock offset: -0.267 ms

Below is generated by plot.py at 2019-03-26 22:42:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 674.35 Mbit/s

95th percentile per-packet one-way delay: 5.759 ms

Loss rate: 0.12%

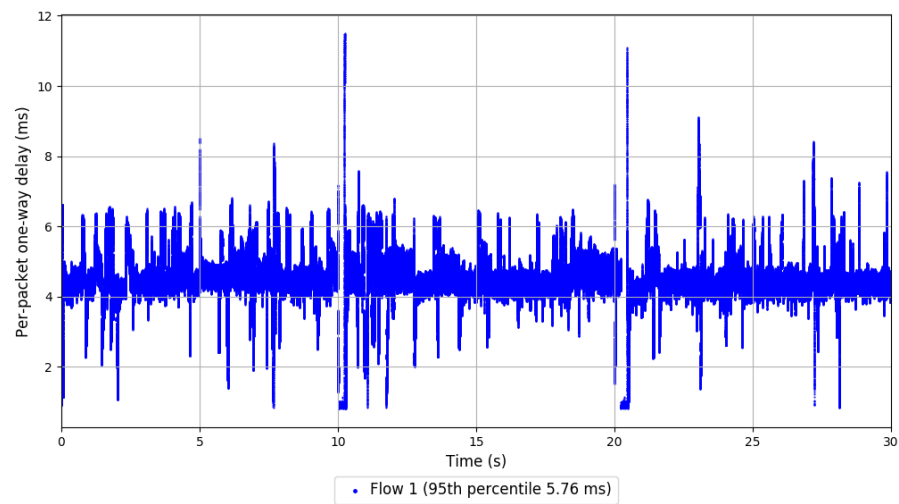
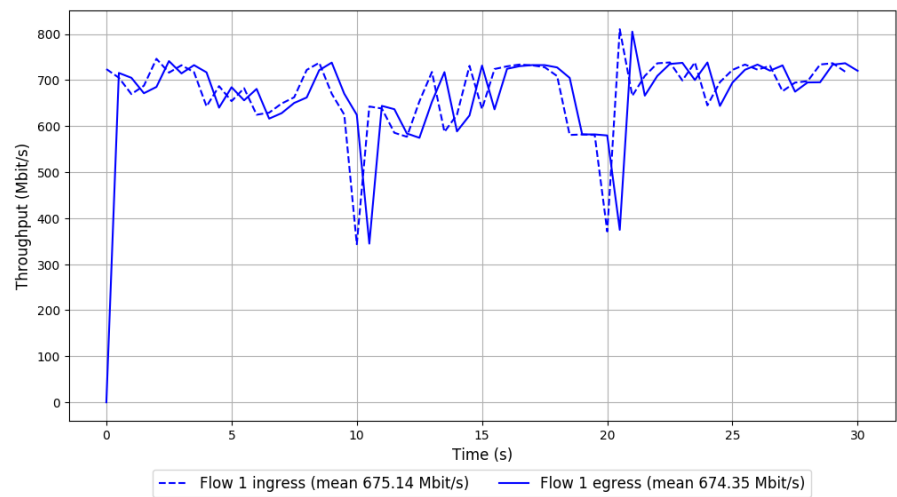
-- Flow 1:

Average throughput: 674.35 Mbit/s

95th percentile per-packet one-way delay: 5.759 ms

Loss rate: 0.12%

Run 1: Report of TCP BBR — Data Link

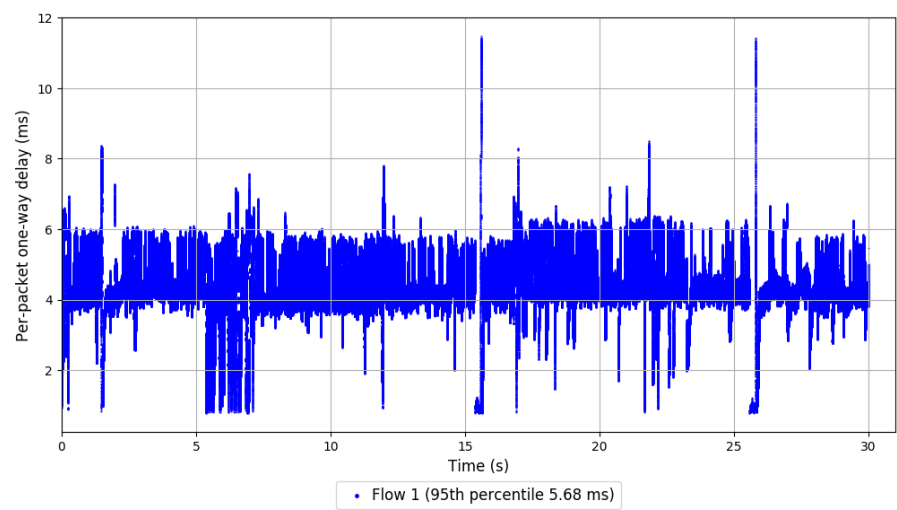
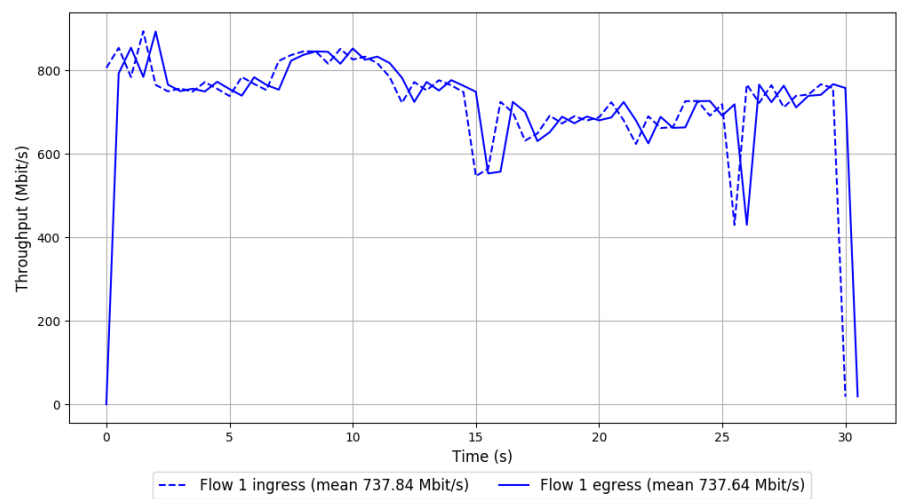


Run 2: Statistics of TCP BBR

Start at: 2019-03-26 20:40:38
End at: 2019-03-26 20:41:09
Local clock offset: -0.346 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2019-03-26 22:42:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 737.64 Mbit/s
95th percentile per-packet one-way delay: 5.685 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 737.64 Mbit/s
95th percentile per-packet one-way delay: 5.685 ms
Loss rate: 0.03%

Run 2: Report of TCP BBR — Data Link

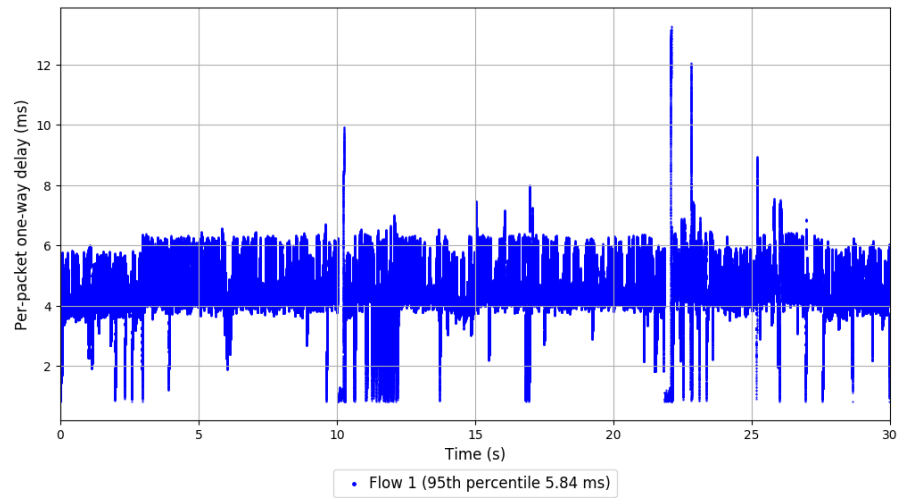
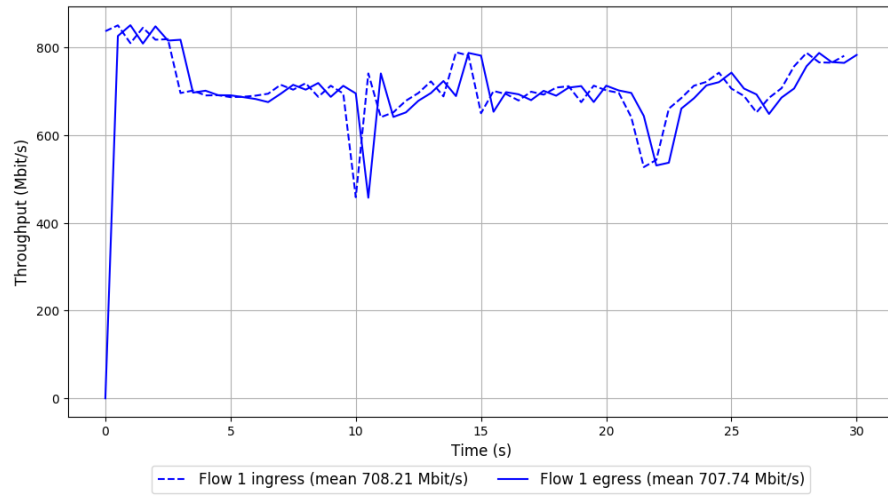


Run 3: Statistics of TCP BBR

Start at: 2019-03-26 21:09:33
End at: 2019-03-26 21:10:03
Local clock offset: -0.387 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2019-03-26 22:42:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 707.74 Mbit/s
95th percentile per-packet one-way delay: 5.837 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 707.74 Mbit/s
95th percentile per-packet one-way delay: 5.837 ms
Loss rate: 0.07%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-03-26 21:38:22

End at: 2019-03-26 21:38:52

Local clock offset: 1.67 ms

Remote clock offset: 0.252 ms

Below is generated by plot.py at 2019-03-26 22:42:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 695.51 Mbit/s

95th percentile per-packet one-way delay: 5.760 ms

Loss rate: 0.15%

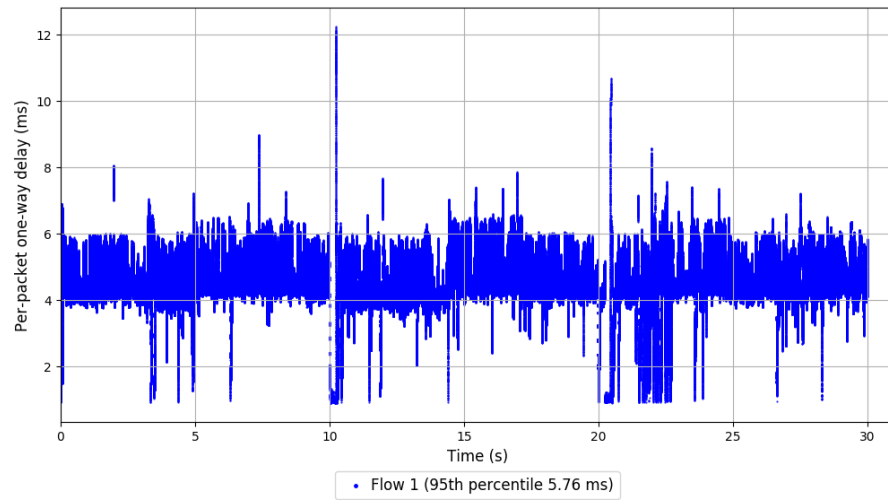
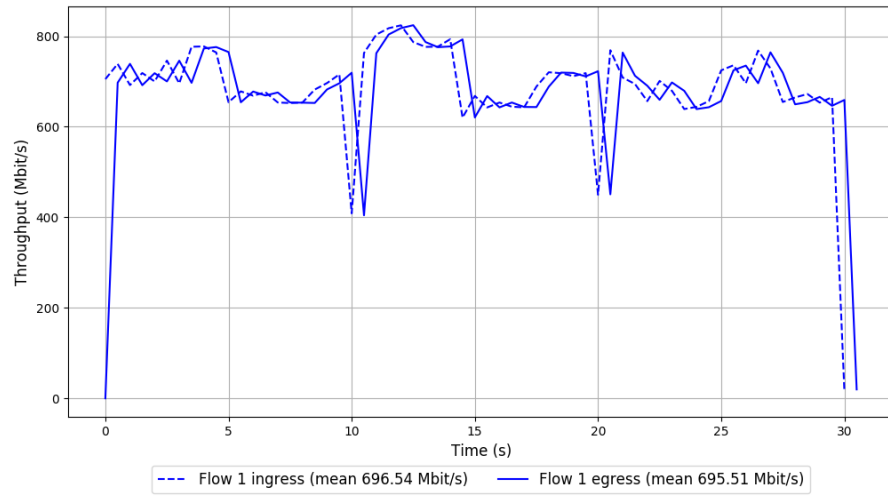
-- Flow 1:

Average throughput: 695.51 Mbit/s

95th percentile per-packet one-way delay: 5.760 ms

Loss rate: 0.15%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-03-26 22:06:23

End at: 2019-03-26 22:06:53

Local clock offset: 0.378 ms

Remote clock offset: 0.259 ms

Below is generated by plot.py at 2019-03-26 22:42:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 758.12 Mbit/s

95th percentile per-packet one-way delay: 5.611 ms

Loss rate: 0.31%

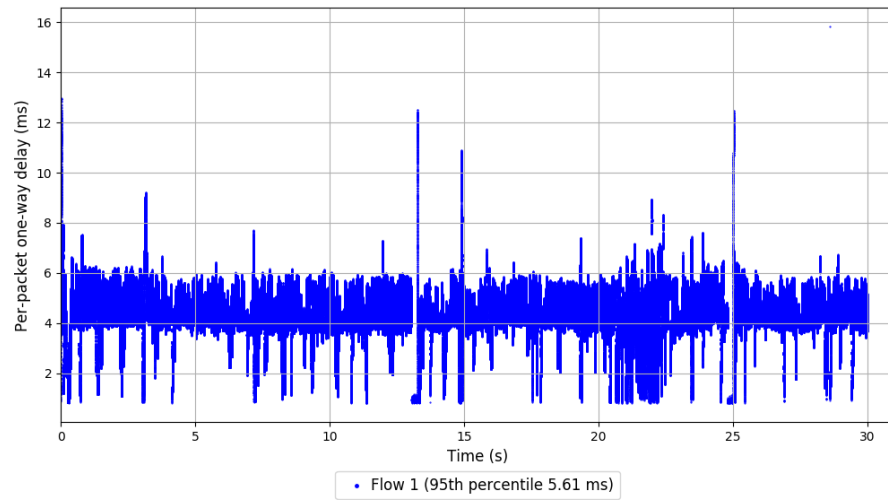
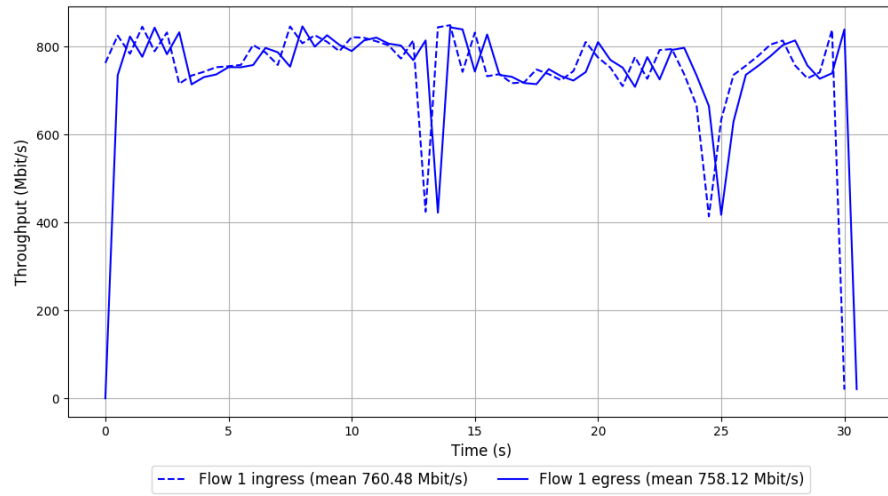
-- Flow 1:

Average throughput: 758.12 Mbit/s

95th percentile per-packet one-way delay: 5.611 ms

Loss rate: 0.31%

Run 5: Report of TCP BBR — Data Link

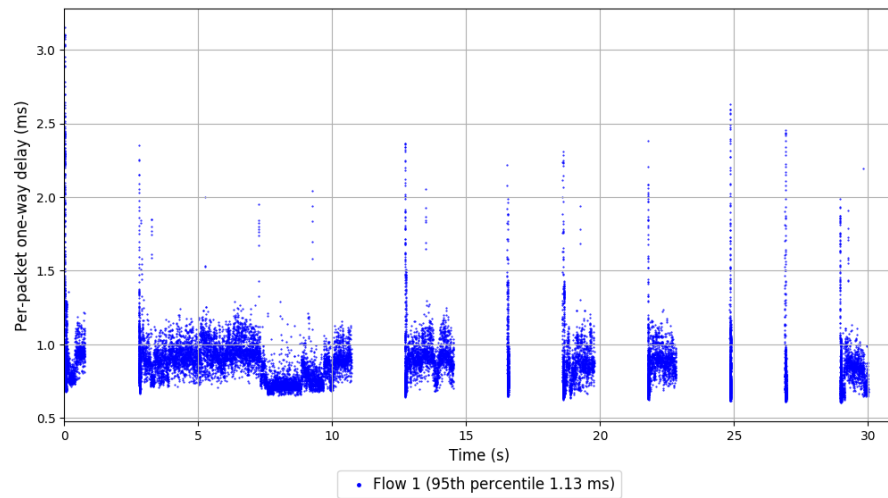
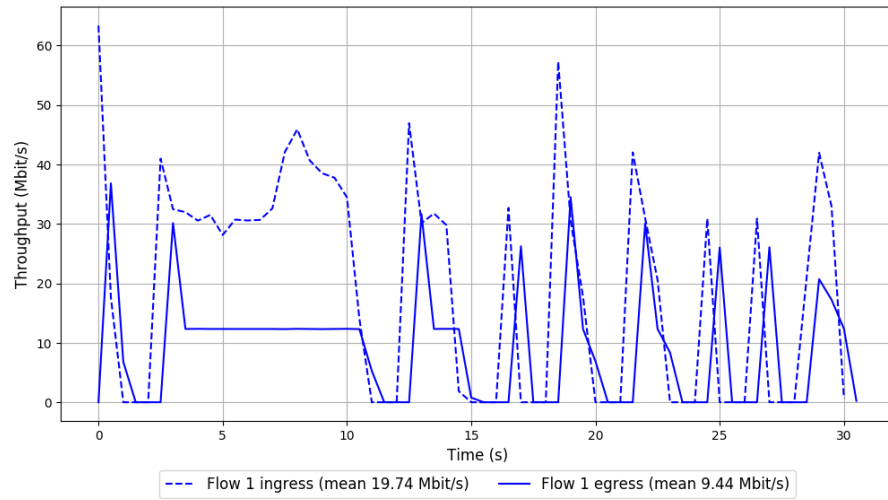


Run 1: Statistics of Copa

Start at: 2019-03-26 20:20:36
End at: 2019-03-26 20:21:06
Local clock offset: 0.805 ms
Remote clock offset: -0.069 ms

Below is generated by plot.py at 2019-03-26 22:42:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.44 Mbit/s
95th percentile per-packet one-way delay: 1.126 ms
Loss rate: 52.20%
-- Flow 1:
Average throughput: 9.44 Mbit/s
95th percentile per-packet one-way delay: 1.126 ms
Loss rate: 52.20%

Run 1: Report of Copa — Data Link

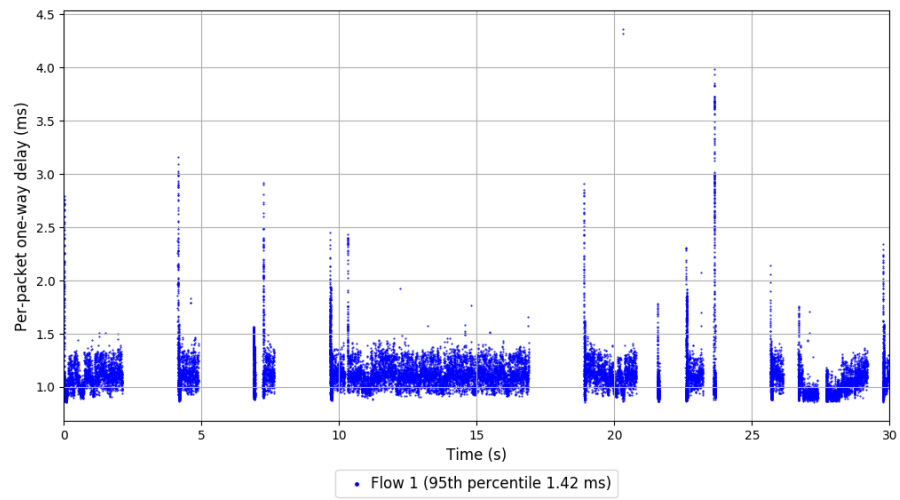
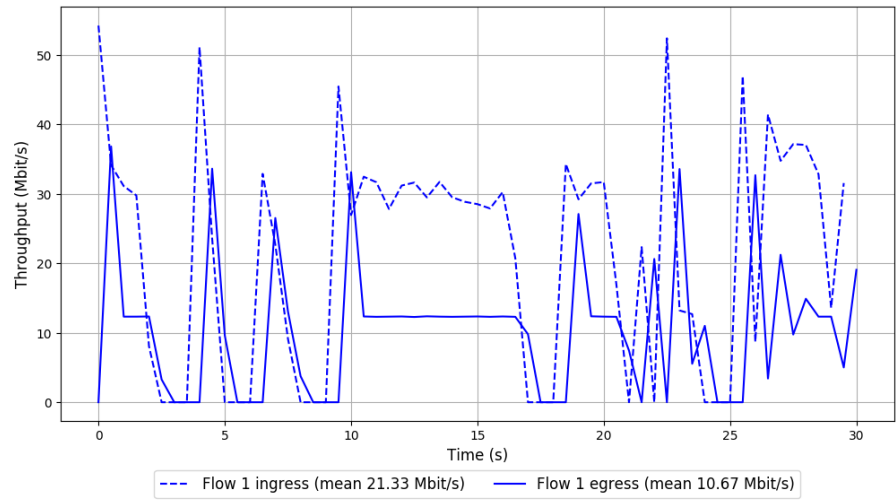


Run 2: Statistics of Copa

Start at: 2019-03-26 20:49:17
End at: 2019-03-26 20:49:47
Local clock offset: -0.374 ms
Remote clock offset: -0.002 ms

Below is generated by plot.py at 2019-03-26 22:42:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.67 Mbit/s
95th percentile per-packet one-way delay: 1.415 ms
Loss rate: 49.99%
-- Flow 1:
Average throughput: 10.67 Mbit/s
95th percentile per-packet one-way delay: 1.415 ms
Loss rate: 49.99%

Run 2: Report of Copa — Data Link

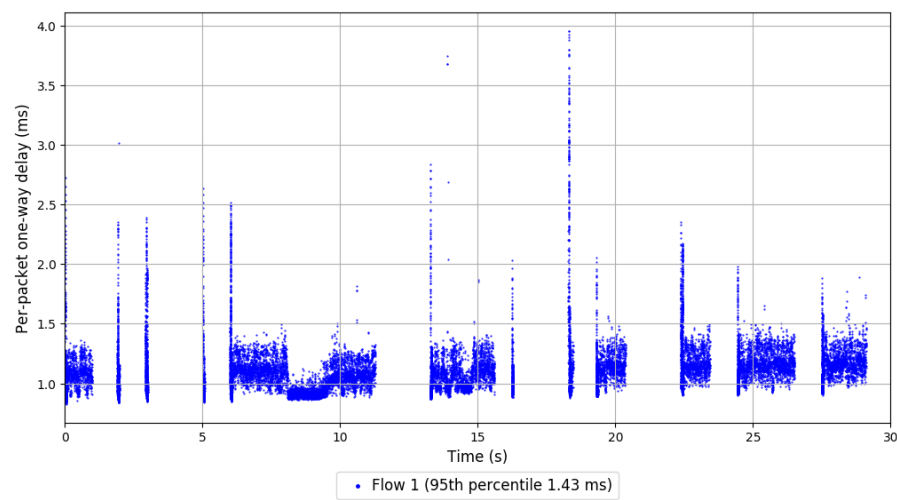
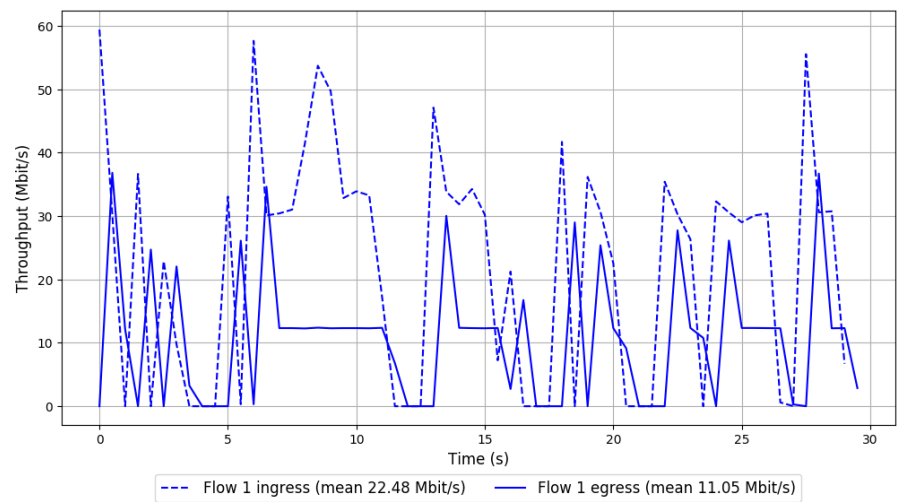


Run 3: Statistics of Copa

Start at: 2019-03-26 21:18:06
End at: 2019-03-26 21:18:36
Local clock offset: -0.023 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2019-03-26 22:42:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 1.434 ms
Loss rate: 50.87%
-- Flow 1:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 1.434 ms
Loss rate: 50.87%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2019-03-26 21:46:27

End at: 2019-03-26 21:46:57

Local clock offset: 1.963 ms

Remote clock offset: 0.244 ms

Below is generated by plot.py at 2019-03-26 22:42:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.61 Mbit/s

95th percentile per-packet one-way delay: 2.027 ms

Loss rate: 38.73%

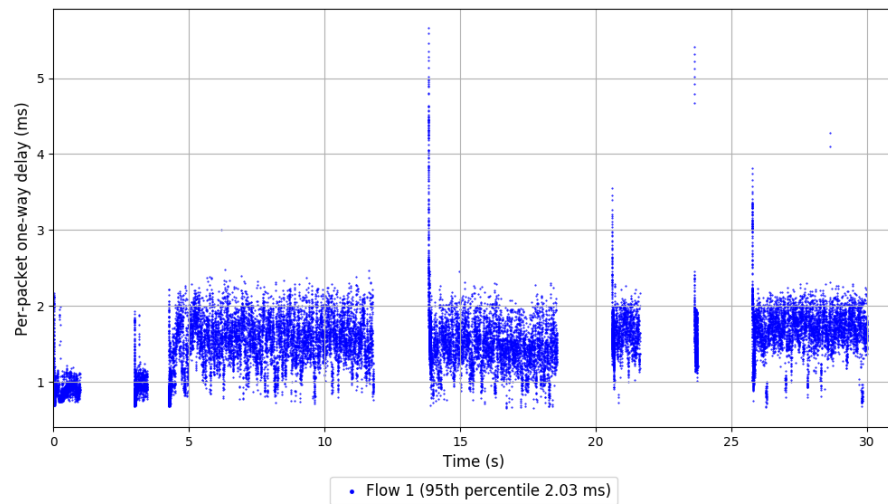
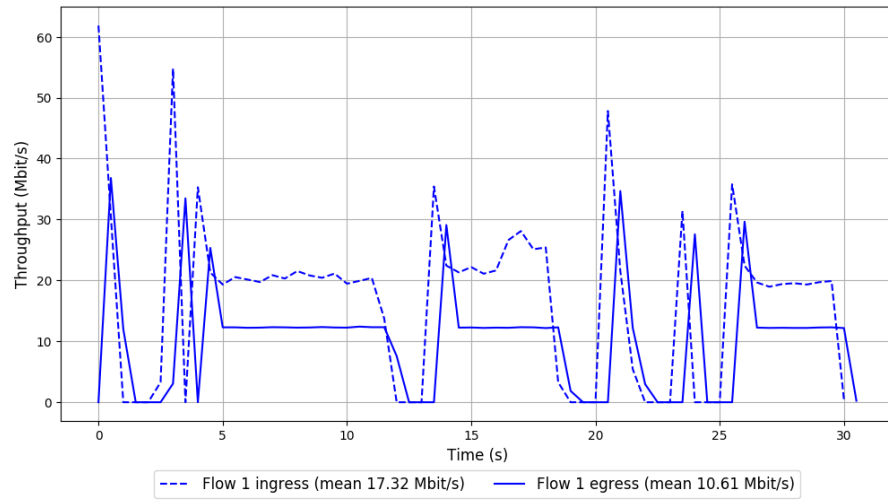
-- Flow 1:

Average throughput: 10.61 Mbit/s

95th percentile per-packet one-way delay: 2.027 ms

Loss rate: 38.73%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2019-03-26 22:14:57

End at: 2019-03-26 22:15:27

Local clock offset: 0.341 ms

Remote clock offset: 0.27 ms

Below is generated by plot.py at 2019-03-26 22:42:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.79 Mbit/s

95th percentile per-packet one-way delay: 1.853 ms

Loss rate: 35.63%

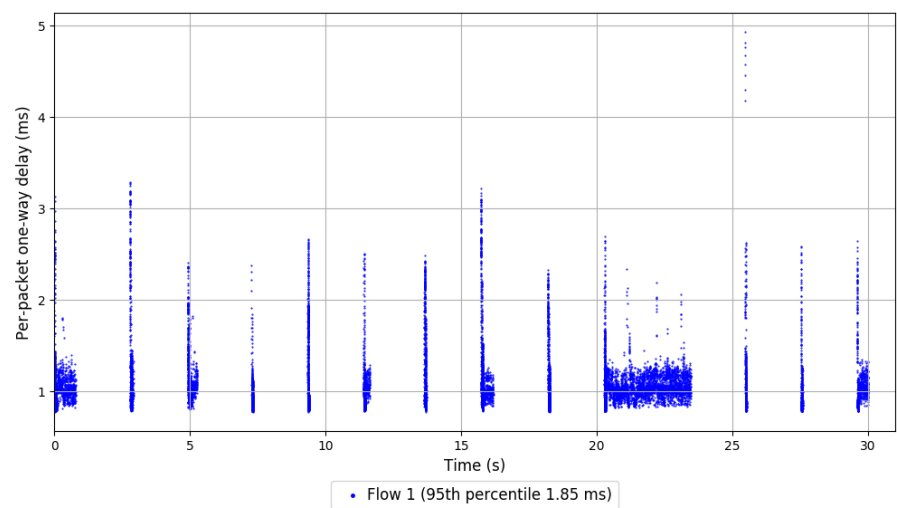
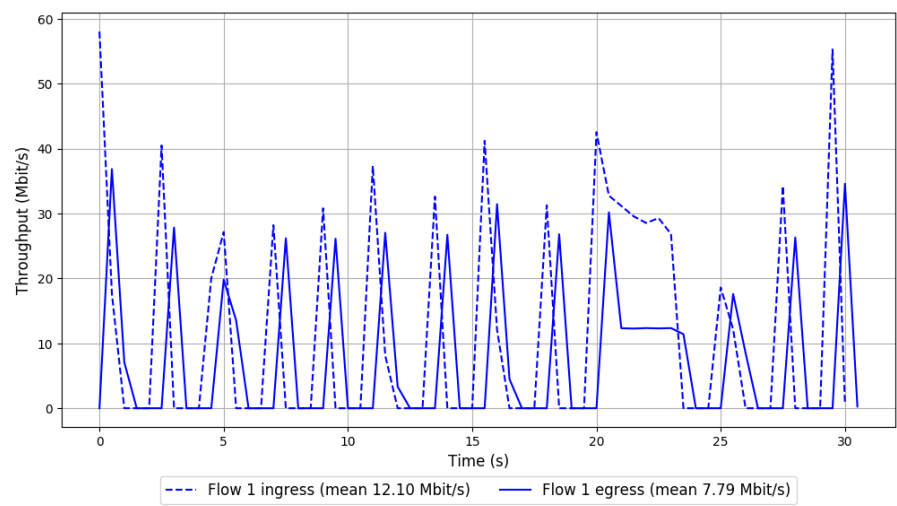
-- Flow 1:

Average throughput: 7.79 Mbit/s

95th percentile per-packet one-way delay: 1.853 ms

Loss rate: 35.63%

Run 5: Report of Copa — Data Link

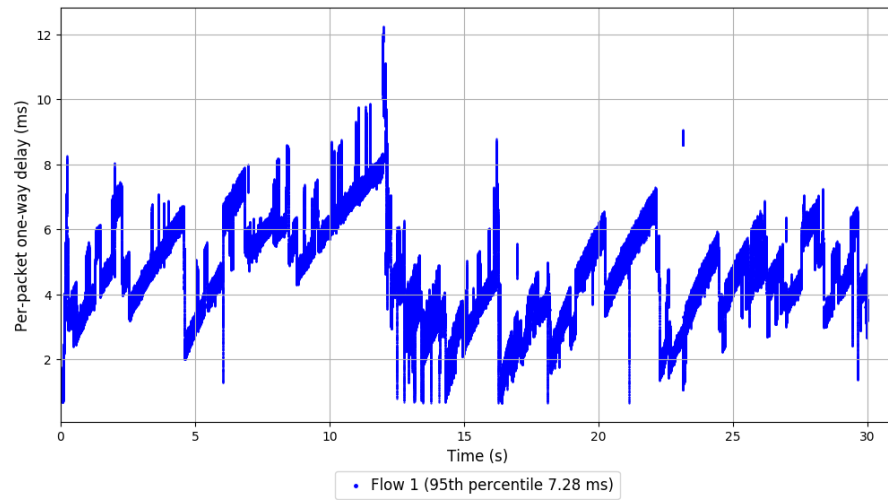
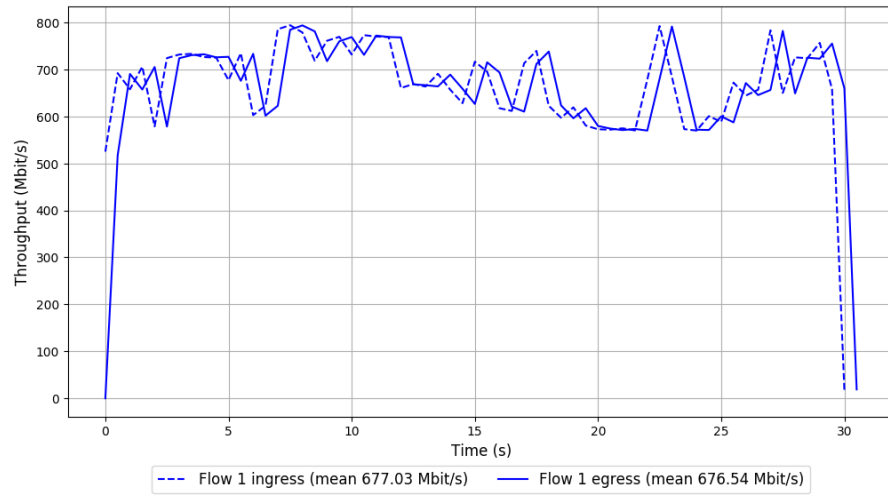


Run 1: Statistics of TCP Cubic

Start at: 2019-03-26 20:19:01
End at: 2019-03-26 20:19:31
Local clock offset: 1.04 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2019-03-26 22:42:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 676.54 Mbit/s
95th percentile per-packet one-way delay: 7.279 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 676.54 Mbit/s
95th percentile per-packet one-way delay: 7.279 ms
Loss rate: 0.07%

Run 1: Report of TCP Cubic — Data Link

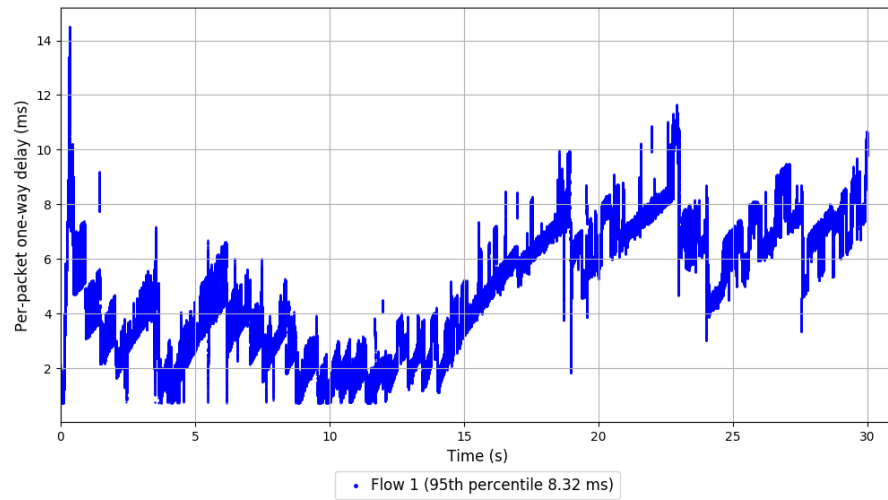
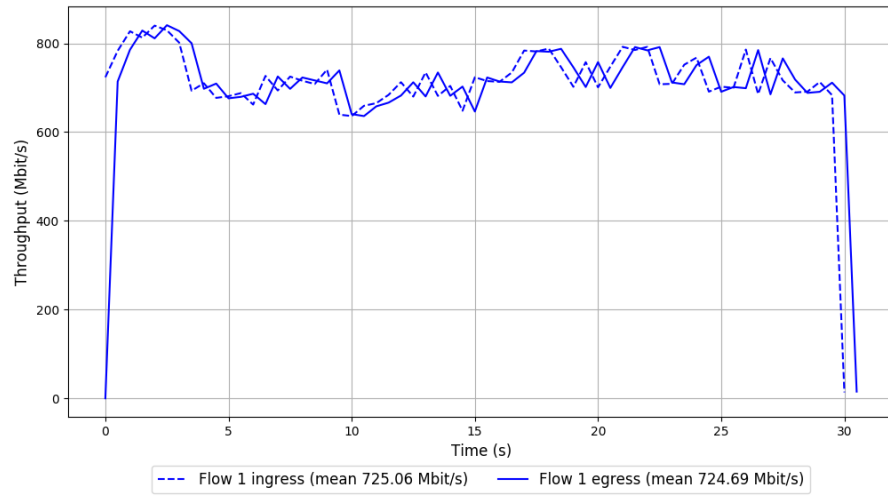


Run 2: Statistics of TCP Cubic

Start at: 2019-03-26 20:47:41
End at: 2019-03-26 20:48:11
Local clock offset: -0.362 ms
Remote clock offset: -0.151 ms

Below is generated by plot.py at 2019-03-26 22:42:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 724.69 Mbit/s
95th percentile per-packet one-way delay: 8.318 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 724.69 Mbit/s
95th percentile per-packet one-way delay: 8.318 ms
Loss rate: 0.05%

Run 2: Report of TCP Cubic — Data Link

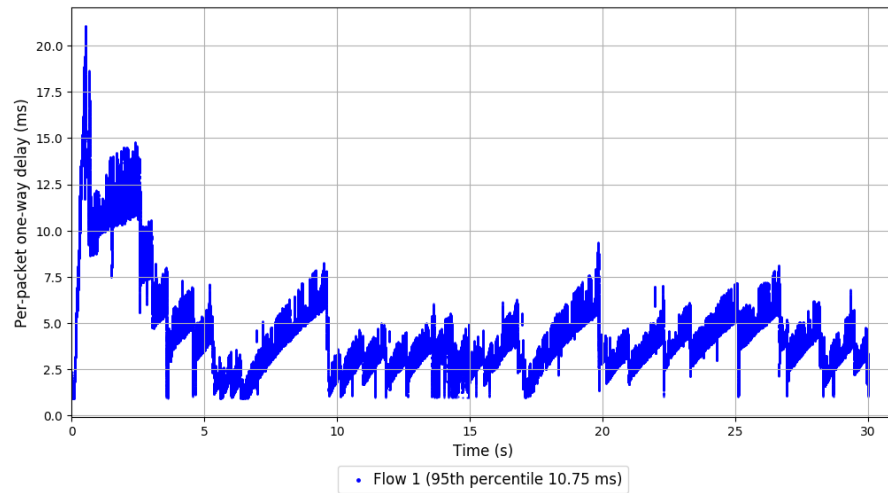
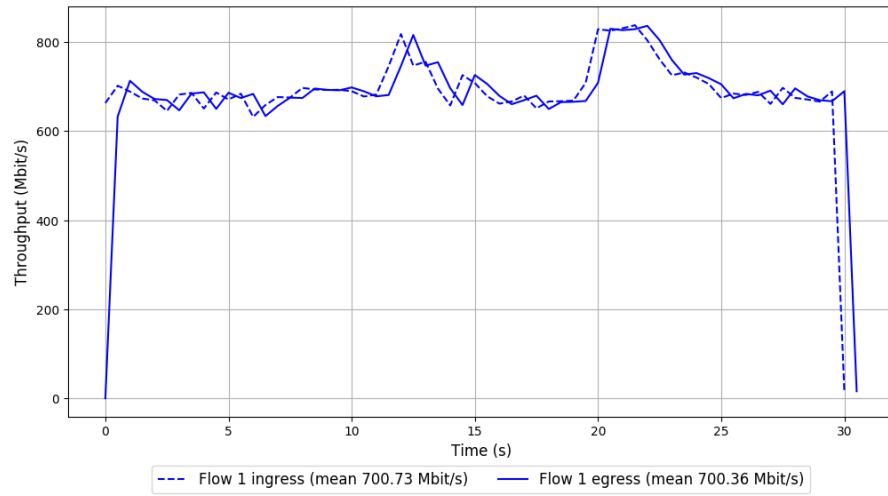


Run 3: Statistics of TCP Cubic

Start at: 2019-03-26 21:16:30
End at: 2019-03-26 21:17:00
Local clock offset: -0.396 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2019-03-26 22:42:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 700.36 Mbit/s
95th percentile per-packet one-way delay: 10.749 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 700.36 Mbit/s
95th percentile per-packet one-way delay: 10.749 ms
Loss rate: 0.05%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-03-26 21:44:55

End at: 2019-03-26 21:45:25

Local clock offset: 1.918 ms

Remote clock offset: 0.215 ms

Below is generated by plot.py at 2019-03-26 22:47:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 587.27 Mbit/s

95th percentile per-packet one-way delay: 15.305 ms

Loss rate: 0.17%

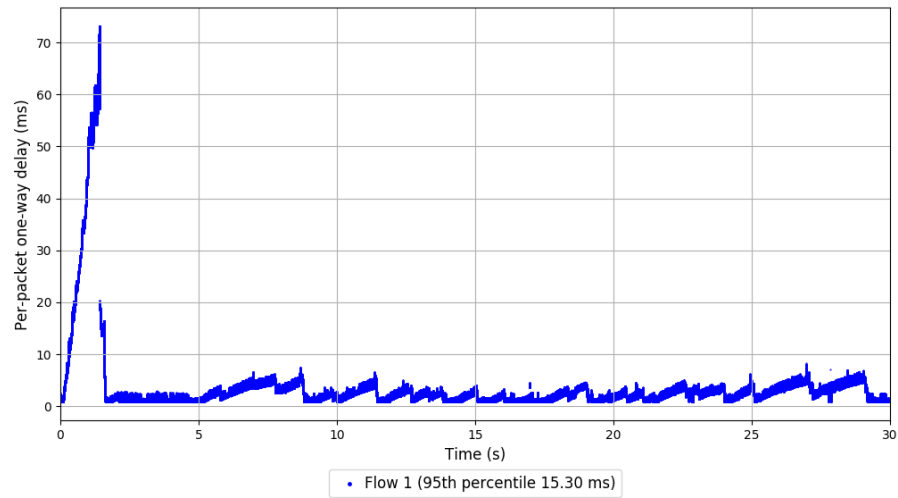
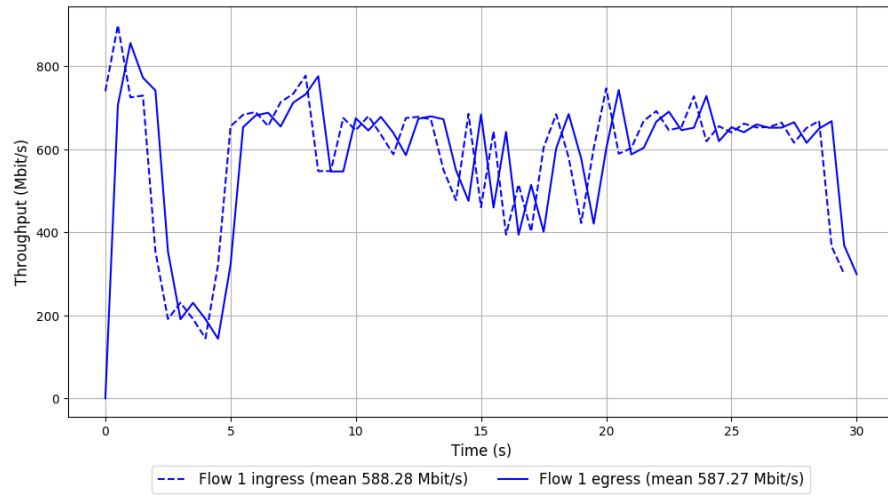
-- Flow 1:

Average throughput: 587.27 Mbit/s

95th percentile per-packet one-way delay: 15.305 ms

Loss rate: 0.17%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

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

End at: 2019-03-26 22:13:52

Local clock offset: 0.344 ms

Remote clock offset: 0.306 ms

Below is generated by plot.py at 2019-03-26 22:48:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 658.58 Mbit/s

95th percentile per-packet one-way delay: 10.002 ms

Loss rate: 0.16%

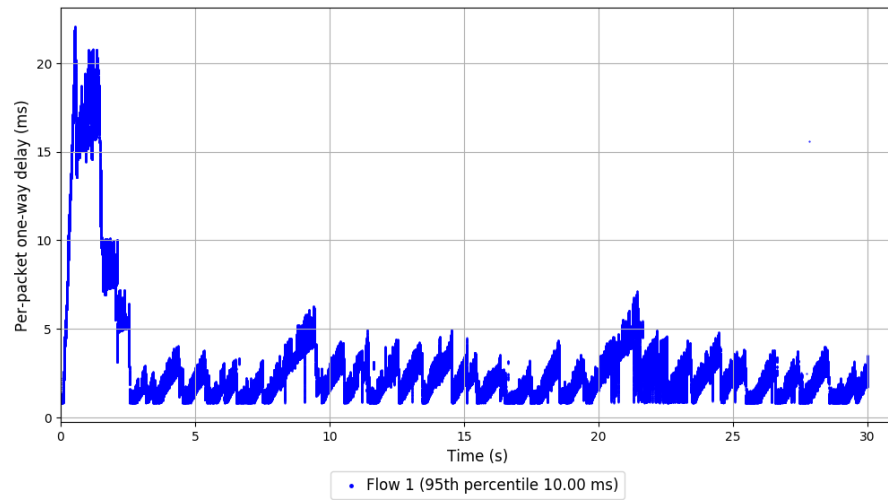
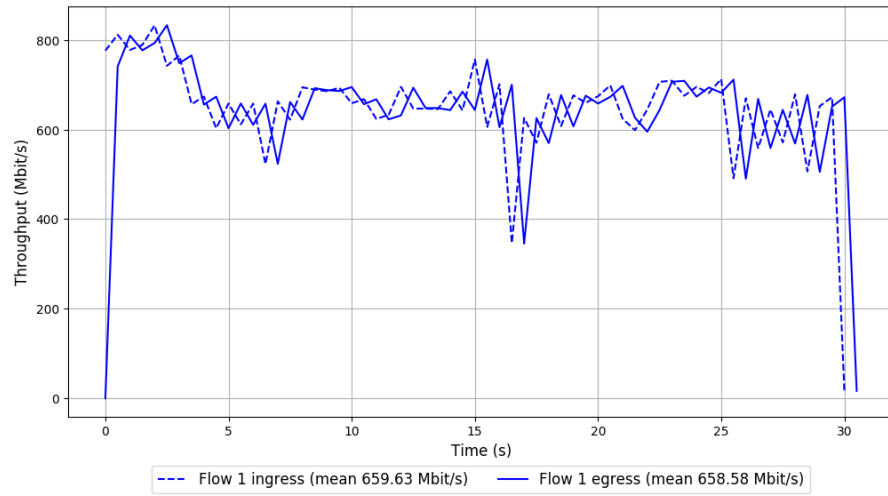
-- Flow 1:

Average throughput: 658.58 Mbit/s

95th percentile per-packet one-way delay: 10.002 ms

Loss rate: 0.16%

Run 5: Report of TCP Cubic — Data Link

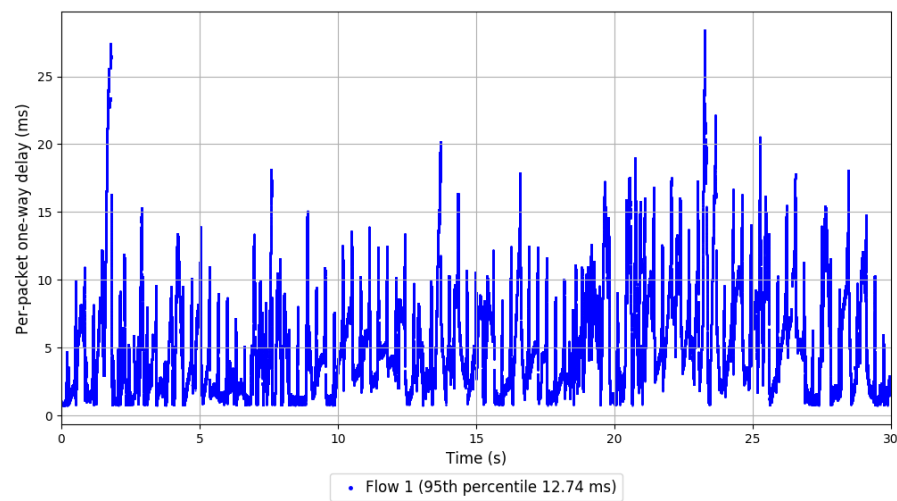
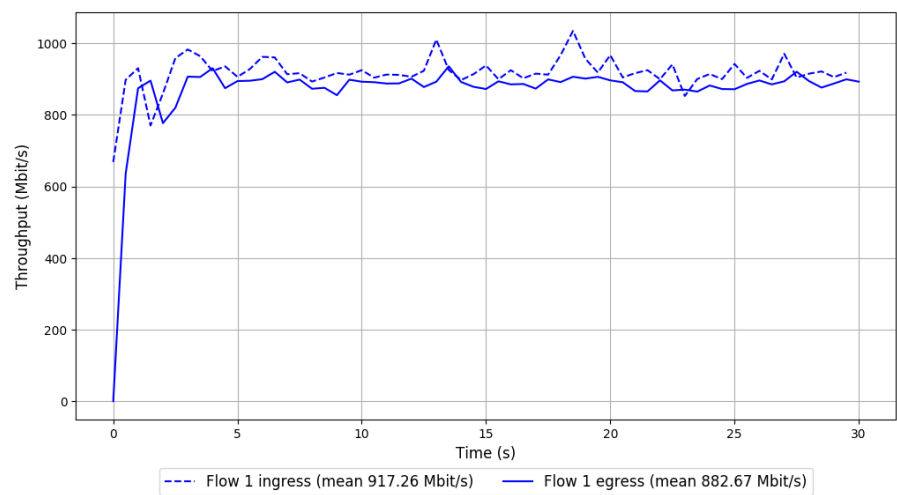


Run 1: Statistics of FillP

Start at: 2019-03-26 20:32:12
End at: 2019-03-26 20:32:42
Local clock offset: -0.17 ms
Remote clock offset: -0.074 ms

Below is generated by plot.py at 2019-03-26 22:54:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 882.67 Mbit/s
95th percentile per-packet one-way delay: 12.741 ms
Loss rate: 3.77%
-- Flow 1:
Average throughput: 882.67 Mbit/s
95th percentile per-packet one-way delay: 12.741 ms
Loss rate: 3.77%

Run 1: Report of FillP — Data Link

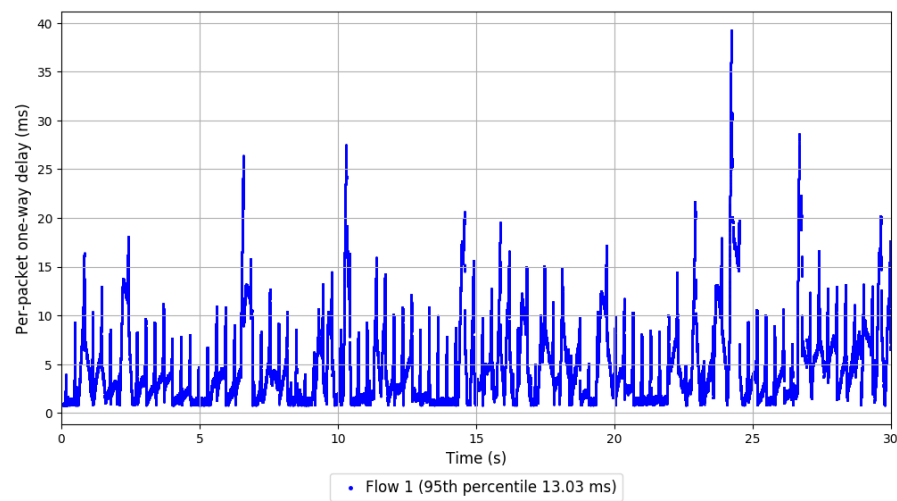
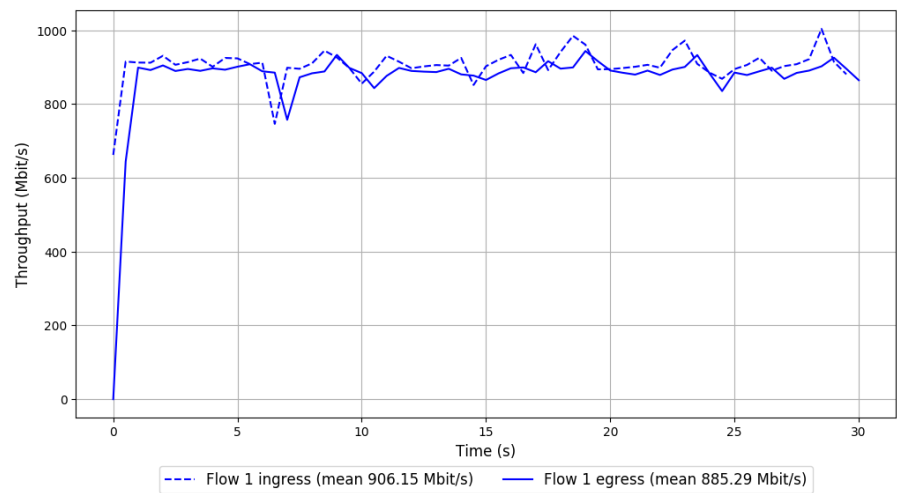


Run 2: Statistics of FillP

Start at: 2019-03-26 21:01:07
End at: 2019-03-26 21:01:37
Local clock offset: -0.378 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2019-03-26 22:54:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 885.29 Mbit/s
95th percentile per-packet one-way delay: 13.034 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 885.29 Mbit/s
95th percentile per-packet one-way delay: 13.034 ms
Loss rate: 2.30%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-03-26 21:30:00

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

Local clock offset: 1.277 ms

Remote clock offset: 0.121 ms

Below is generated by plot.py at 2019-03-26 22:54:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 896.34 Mbit/s

95th percentile per-packet one-way delay: 13.092 ms

Loss rate: 3.56%

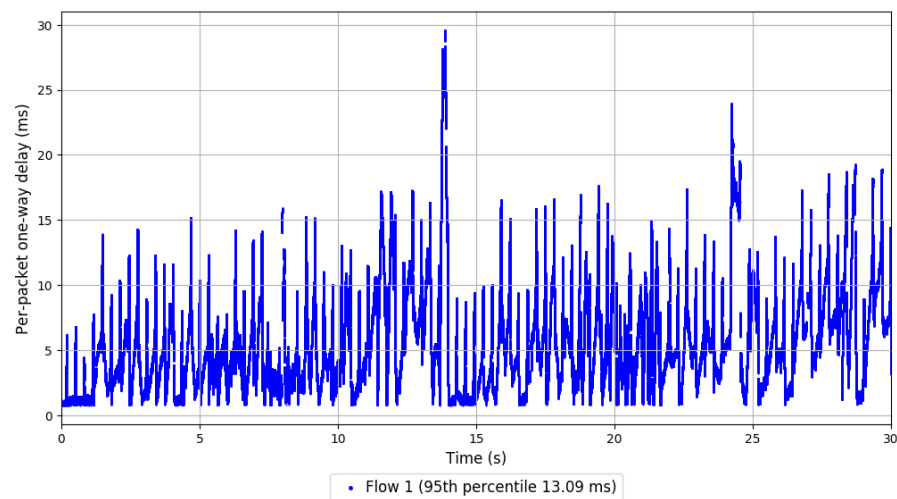
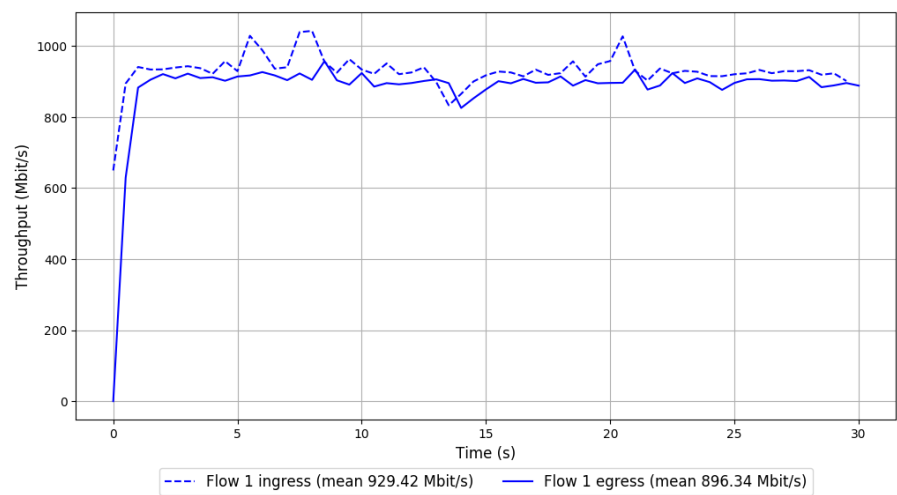
-- Flow 1:

Average throughput: 896.34 Mbit/s

95th percentile per-packet one-way delay: 13.092 ms

Loss rate: 3.56%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-03-26 21:57:53

End at: 2019-03-26 21:58:23

Local clock offset: 0.645 ms

Remote clock offset: 0.211 ms

Below is generated by plot.py at 2019-03-26 22:54:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 875.89 Mbit/s

95th percentile per-packet one-way delay: 17.040 ms

Loss rate: 4.07%

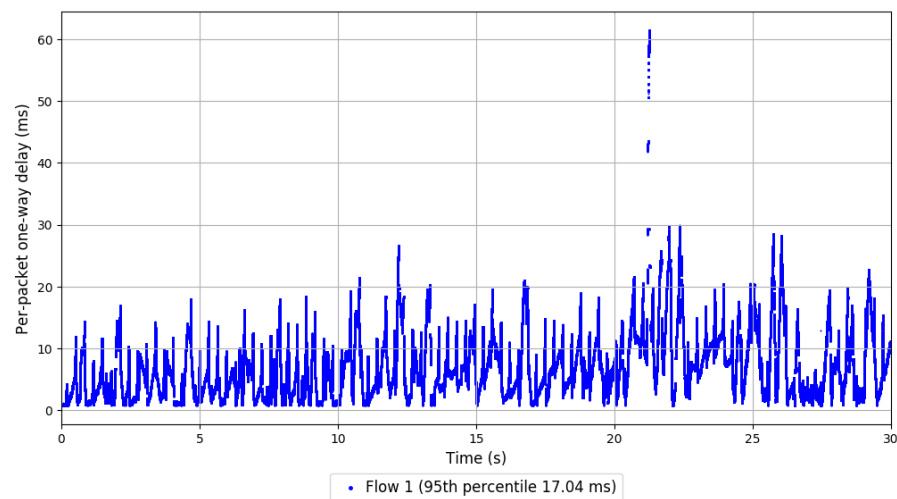
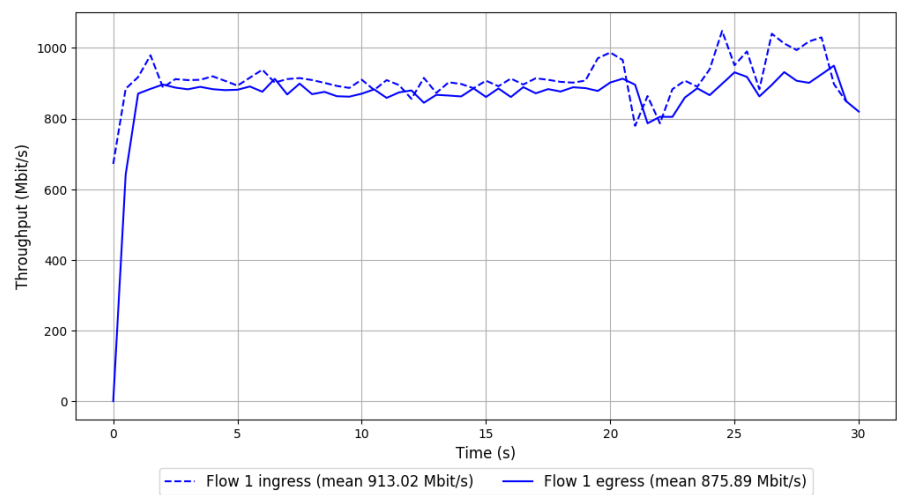
-- Flow 1:

Average throughput: 875.89 Mbit/s

95th percentile per-packet one-way delay: 17.040 ms

Loss rate: 4.07%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-03-26 22:26:40

End at: 2019-03-26 22:27:10

Local clock offset: 0.279 ms

Remote clock offset: 0.169 ms

Below is generated by plot.py at 2019-03-26 22:55:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 883.11 Mbit/s

95th percentile per-packet one-way delay: 13.259 ms

Loss rate: 4.42%

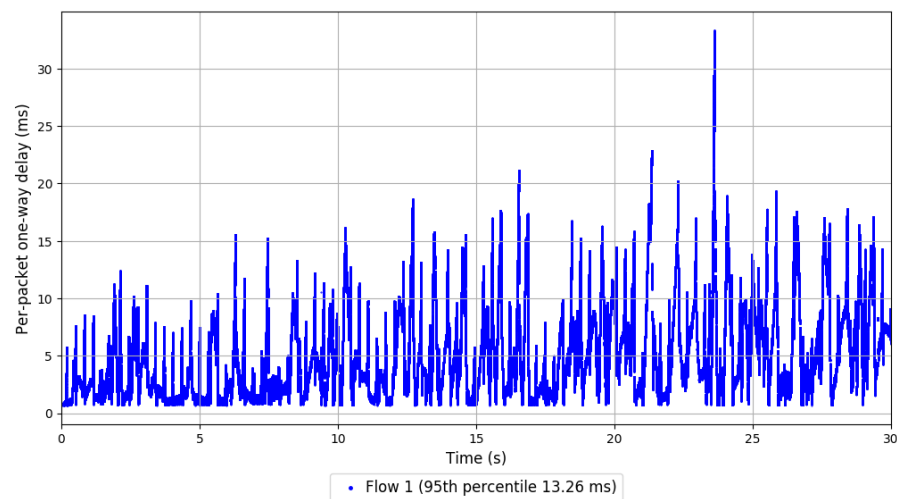
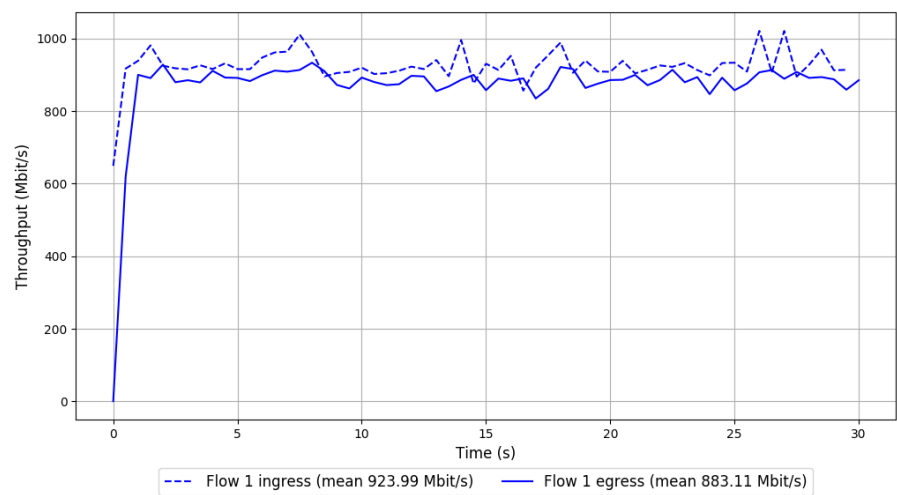
-- Flow 1:

Average throughput: 883.11 Mbit/s

95th percentile per-packet one-way delay: 13.259 ms

Loss rate: 4.42%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-03-26 20:09:02

End at: 2019-03-26 20:09:32

Local clock offset: 1.432 ms

Remote clock offset: -0.356 ms

Below is generated by plot.py at 2019-03-26 22:55:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 887.34 Mbit/s

95th percentile per-packet one-way delay: 8.223 ms

Loss rate: 2.85%

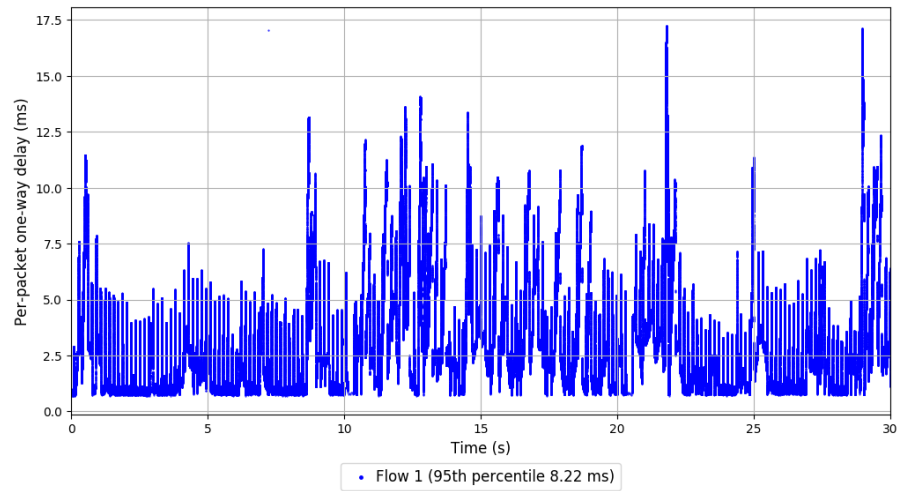
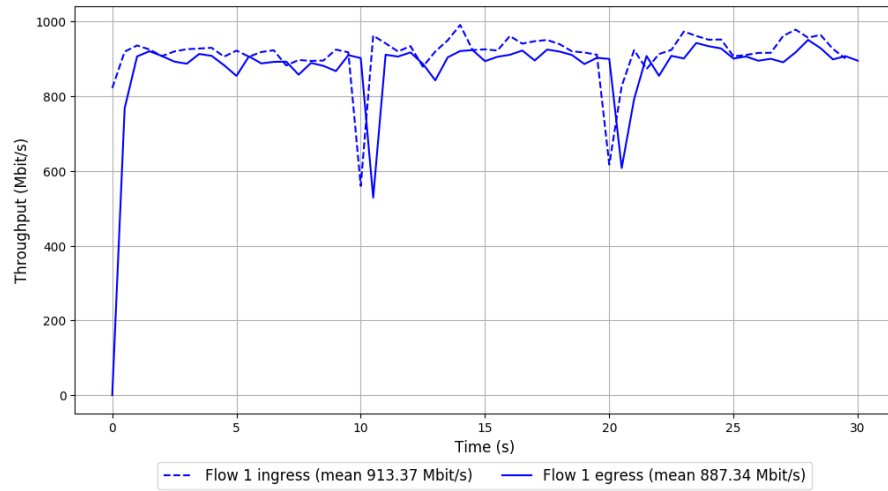
-- Flow 1:

Average throughput: 887.34 Mbit/s

95th percentile per-packet one-way delay: 8.223 ms

Loss rate: 2.85%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

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

End at: 2019-03-26 20:38:07

Local clock offset: -0.291 ms

Remote clock offset: -0.15 ms

Below is generated by plot.py at 2019-03-26 23:01:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 884.11 Mbit/s

95th percentile per-packet one-way delay: 8.324 ms

Loss rate: 4.13%

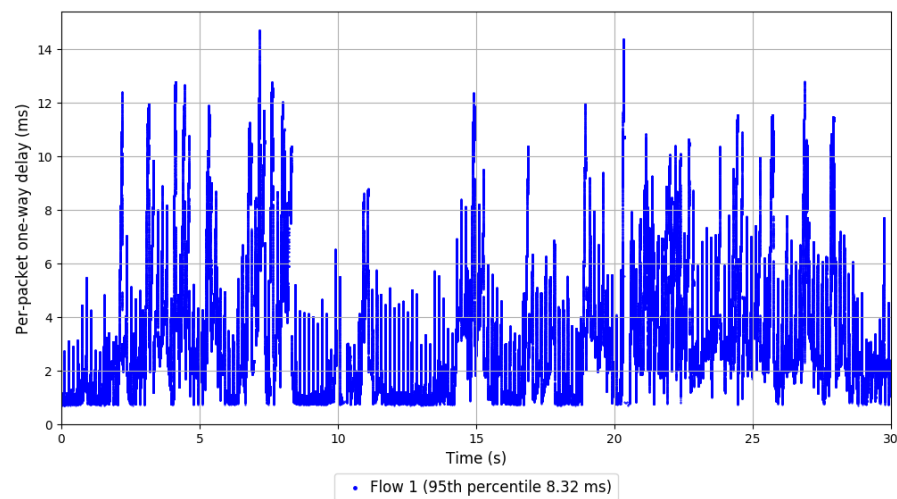
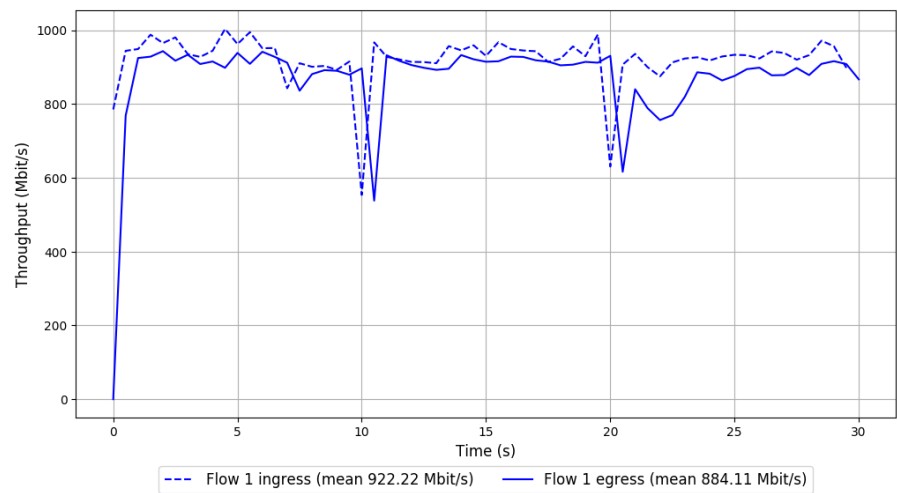
-- Flow 1:

Average throughput: 884.11 Mbit/s

95th percentile per-packet one-way delay: 8.324 ms

Loss rate: 4.13%

Run 2: Report of FillP-Sheep — Data Link

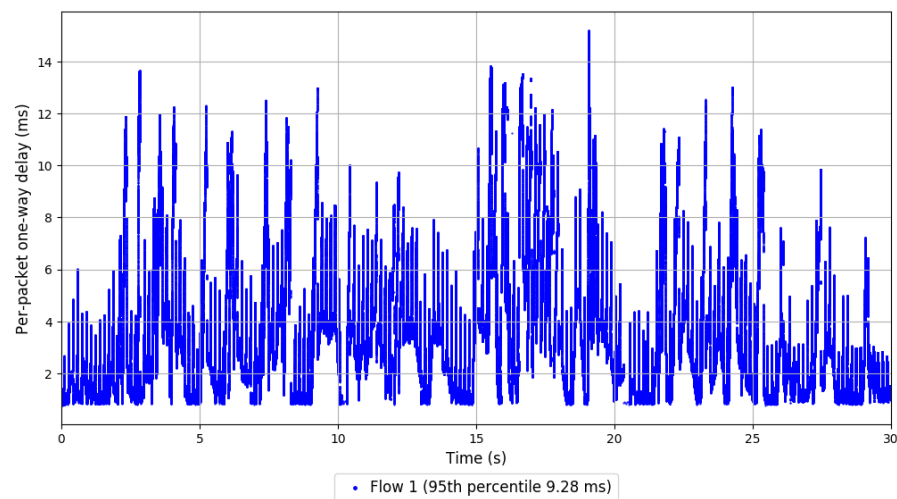
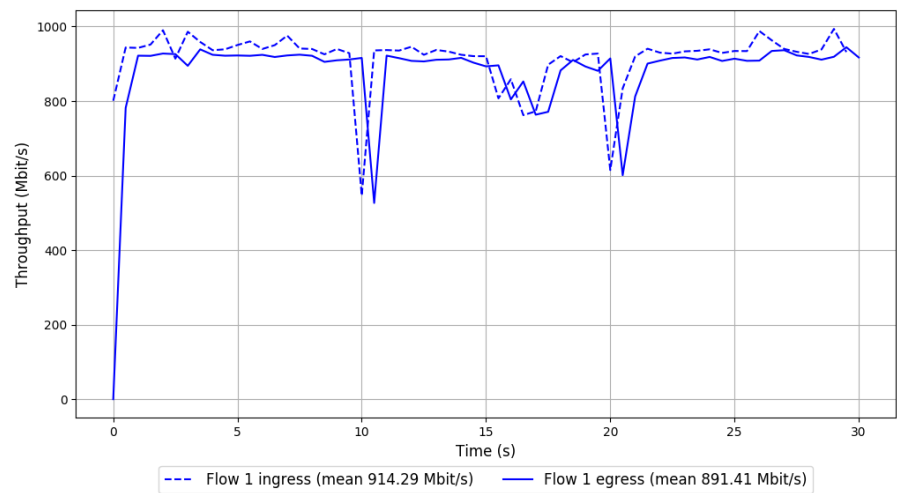


Run 3: Statistics of FillP-Sheep

Start at: 2019-03-26 21:06:28
End at: 2019-03-26 21:06:58
Local clock offset: -0.377 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2019-03-26 23:02:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 891.41 Mbit/s
95th percentile per-packet one-way delay: 9.277 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 891.41 Mbit/s
95th percentile per-packet one-way delay: 9.277 ms
Loss rate: 2.50%

Run 3: Report of FillP-Sheep — Data Link

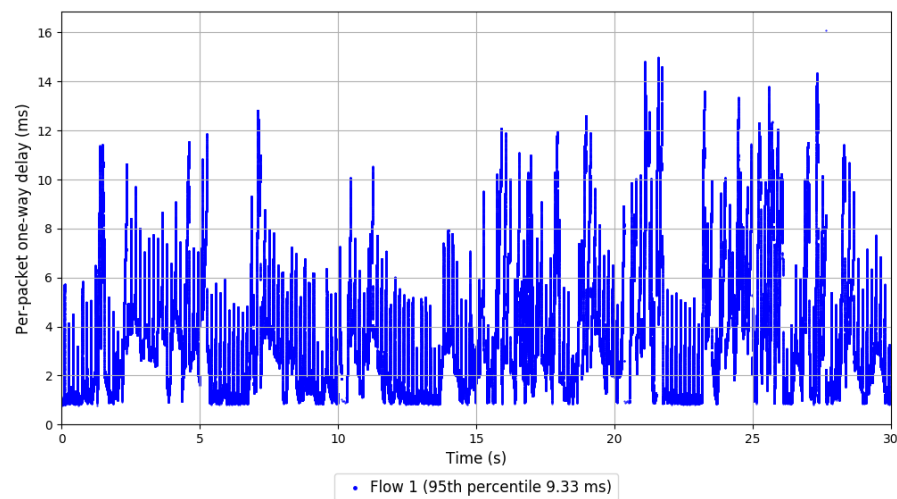
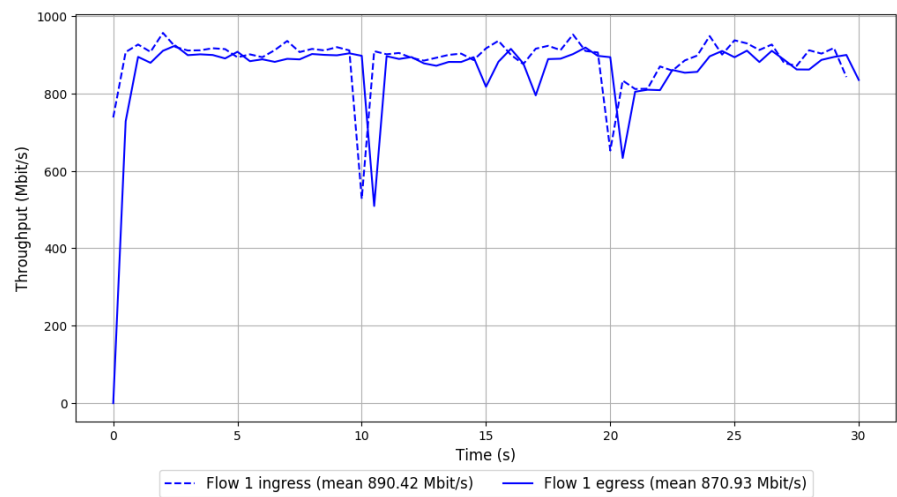


Run 4: Statistics of FillP-Sheep

Start at: 2019-03-26 21:35:23
End at: 2019-03-26 21:35:53
Local clock offset: 1.566 ms
Remote clock offset: 0.211 ms

Below is generated by plot.py at 2019-03-26 23:07:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 870.93 Mbit/s
95th percentile per-packet one-way delay: 9.331 ms
Loss rate: 2.19%
-- Flow 1:
Average throughput: 870.93 Mbit/s
95th percentile per-packet one-way delay: 9.331 ms
Loss rate: 2.19%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-03-26 22:03:23

End at: 2019-03-26 22:03:53

Local clock offset: 0.451 ms

Remote clock offset: 0.248 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 868.77 Mbit/s

95th percentile per-packet one-way delay: 7.904 ms

Loss rate: 3.49%

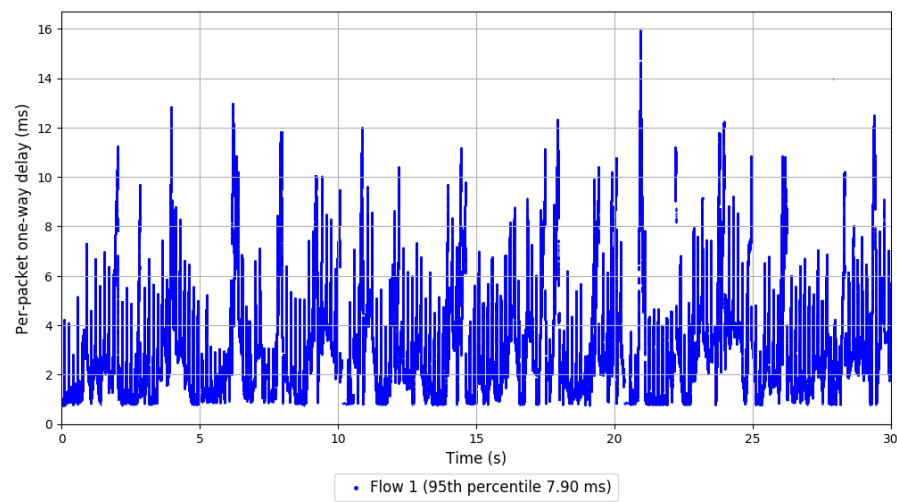
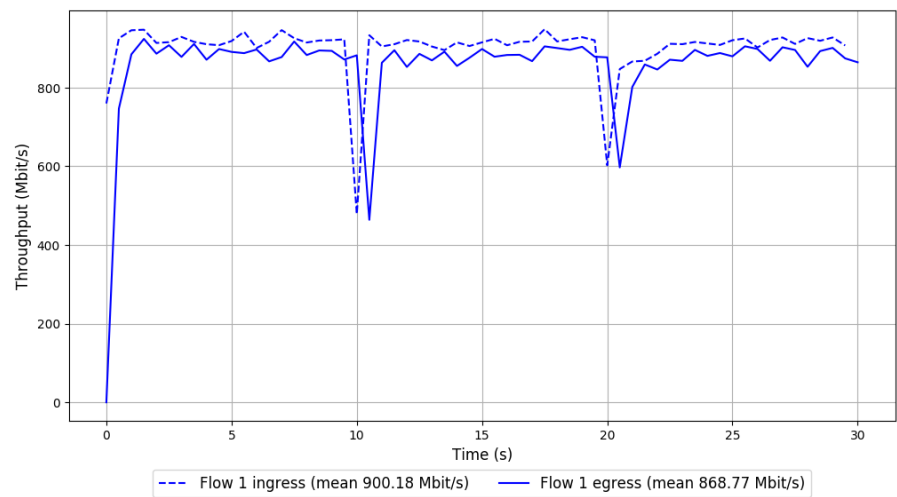
-- Flow 1:

Average throughput: 868.77 Mbit/s

95th percentile per-packet one-way delay: 7.904 ms

Loss rate: 3.49%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

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

End at: 2019-03-26 20:11:10

Local clock offset: 1.466 ms

Remote clock offset: -0.236 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 241.87 Mbit/s

95th percentile per-packet one-way delay: 1.432 ms

Loss rate: 0.01%

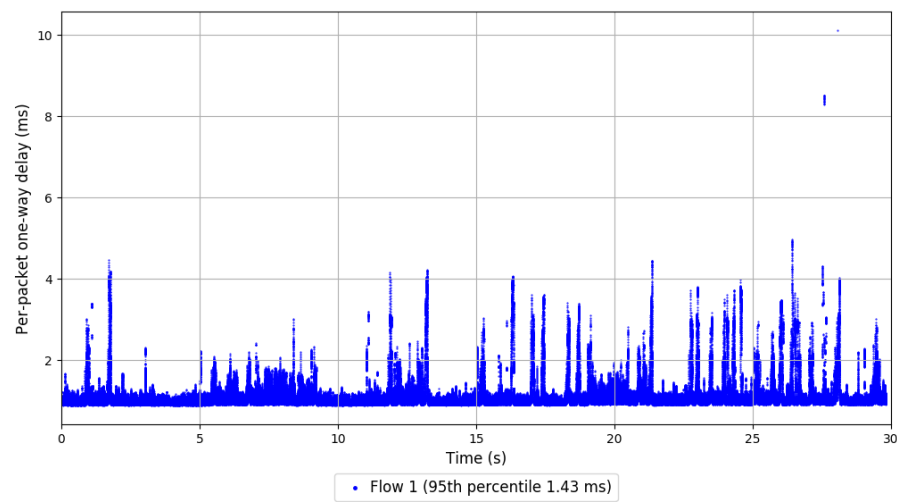
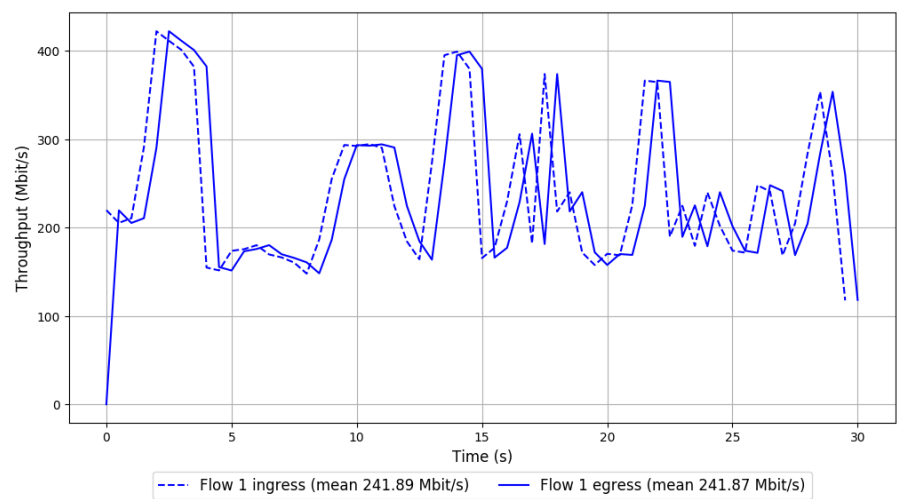
-- Flow 1:

Average throughput: 241.87 Mbit/s

95th percentile per-packet one-way delay: 1.432 ms

Loss rate: 0.01%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-03-26 20:39:16

End at: 2019-03-26 20:39:46

Local clock offset: -0.332 ms

Remote clock offset: -0.15 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 224.84 Mbit/s

95th percentile per-packet one-way delay: 1.425 ms

Loss rate: 0.00%

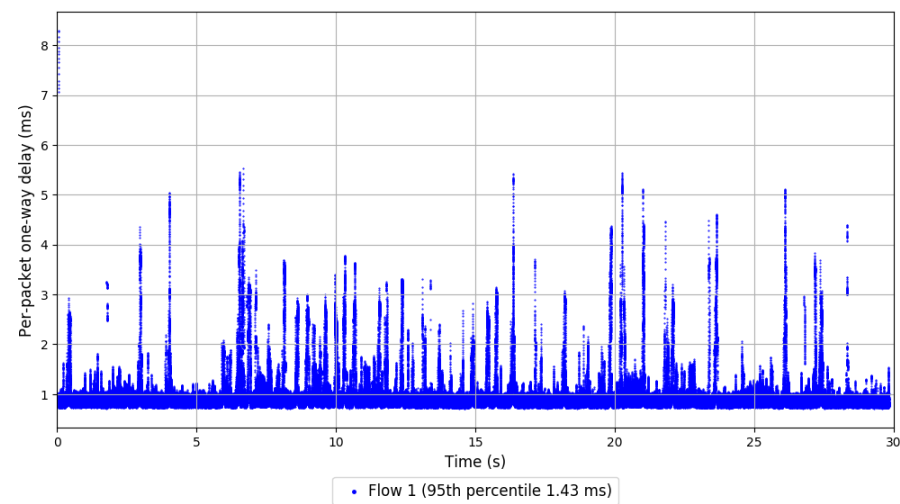
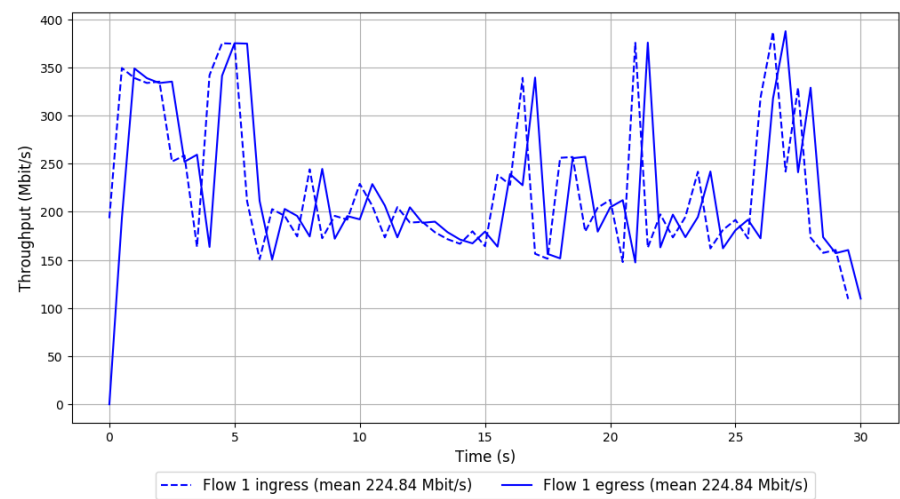
-- Flow 1:

Average throughput: 224.84 Mbit/s

95th percentile per-packet one-way delay: 1.425 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

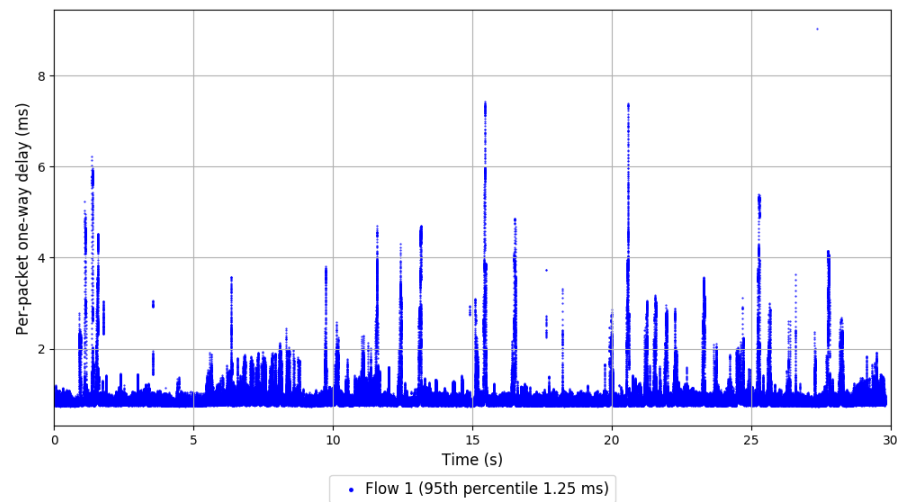
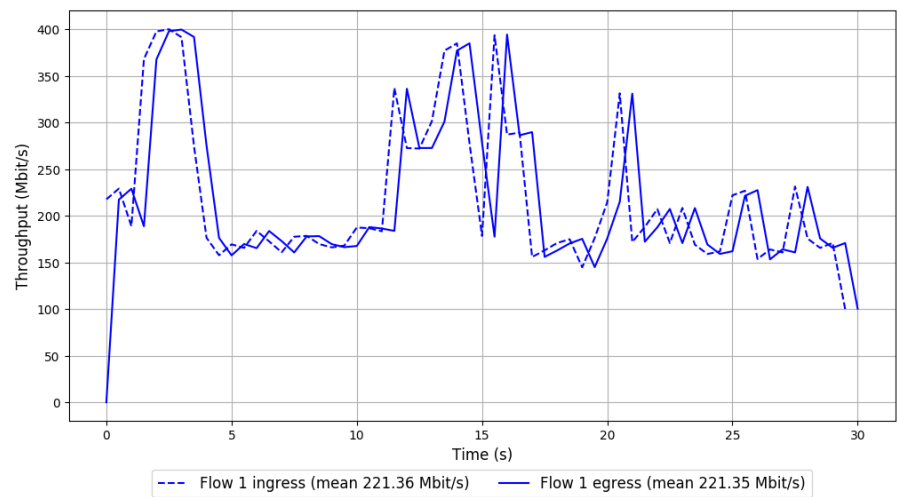


Run 3: Statistics of Indigo

Start at: 2019-03-26 21:08:10
End at: 2019-03-26 21:08:40
Local clock offset: -0.402 ms
Remote clock offset: -0.109 ms

Below is generated by plot.py at 2019-03-26 23:07:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 221.35 Mbit/s
95th percentile per-packet one-way delay: 1.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 221.35 Mbit/s
95th percentile per-packet one-way delay: 1.253 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-03-26 21:37:00

End at: 2019-03-26 21:37:30

Local clock offset: 1.63 ms

Remote clock offset: 0.119 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 227.32 Mbit/s

95th percentile per-packet one-way delay: 1.220 ms

Loss rate: 0.00%

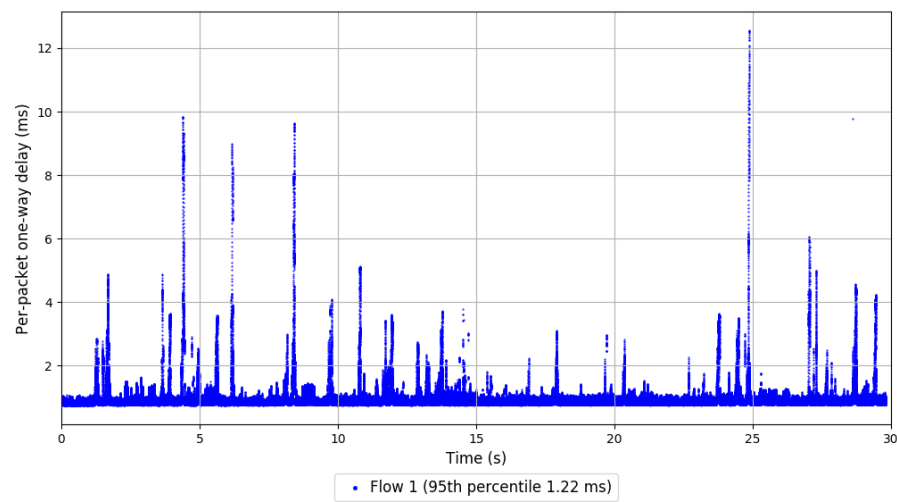
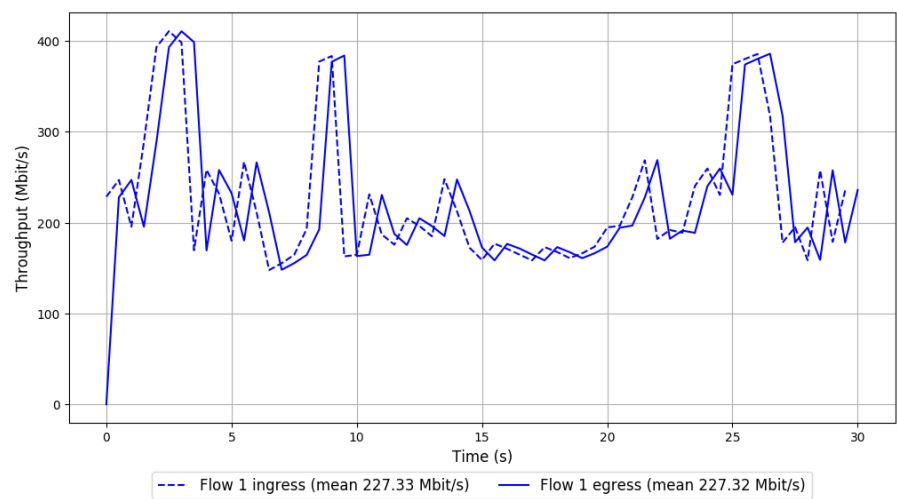
-- Flow 1:

Average throughput: 227.32 Mbit/s

95th percentile per-packet one-way delay: 1.220 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-03-26 22:05:01

End at: 2019-03-26 22:05:31

Local clock offset: 0.405 ms

Remote clock offset: 0.265 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 219.19 Mbit/s

95th percentile per-packet one-way delay: 1.518 ms

Loss rate: 0.02%

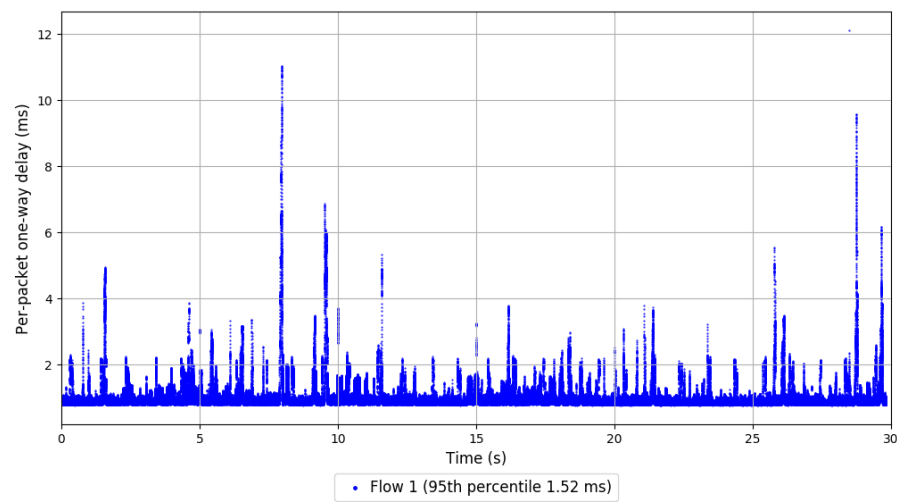
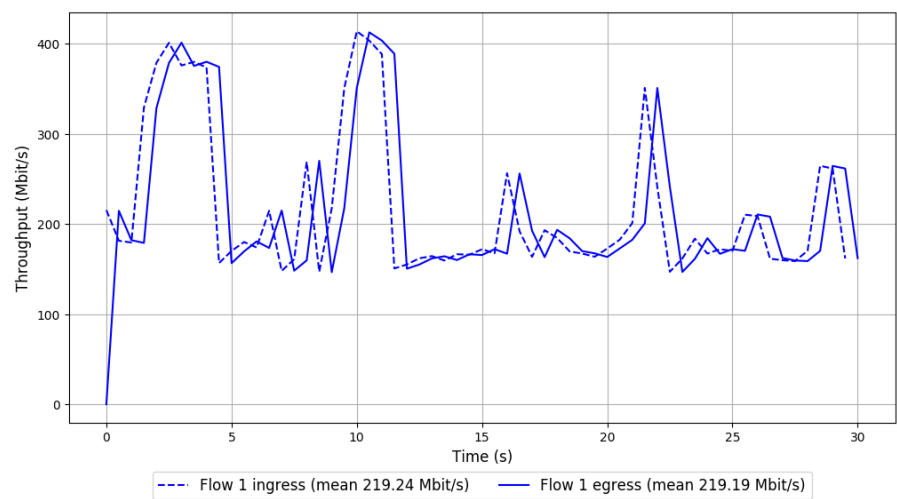
-- Flow 1:

Average throughput: 219.19 Mbit/s

95th percentile per-packet one-way delay: 1.518 ms

Loss rate: 0.02%

Run 5: Report of Indigo — Data Link

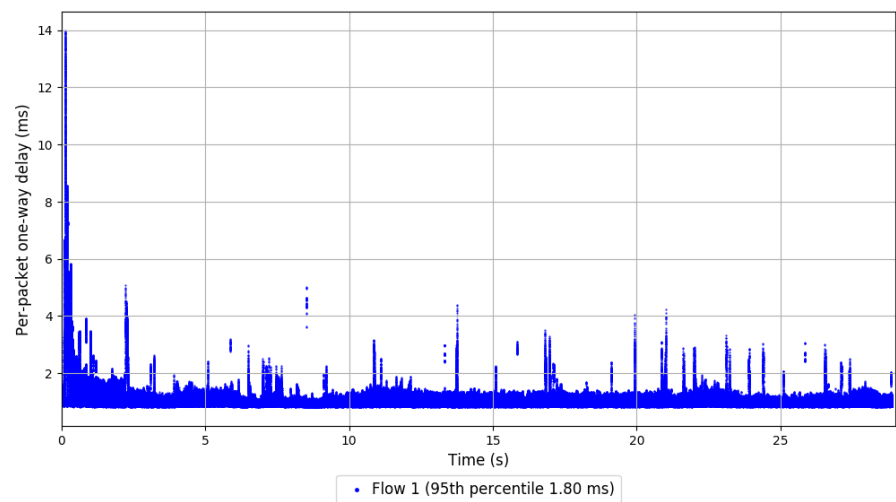
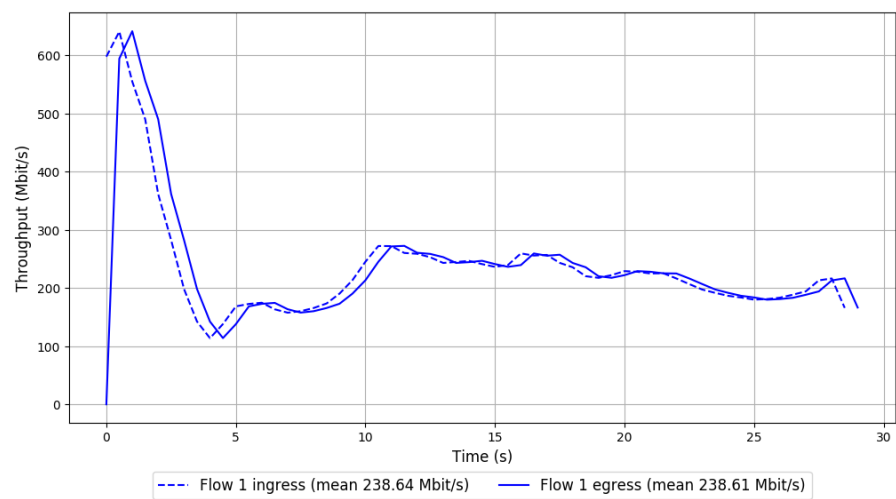


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-03-26 20:15:05
End at: 2019-03-26 20:15:35
Local clock offset: 1.603 ms
Remote clock offset: -0.159 ms

Below is generated by plot.py at 2019-03-26 23:07:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 238.61 Mbit/s
95th percentile per-packet one-way delay: 1.799 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 238.61 Mbit/s
95th percentile per-packet one-way delay: 1.799 ms
Loss rate: 0.01%

Run 1: Report of Indigo-MusesC3 — Data Link

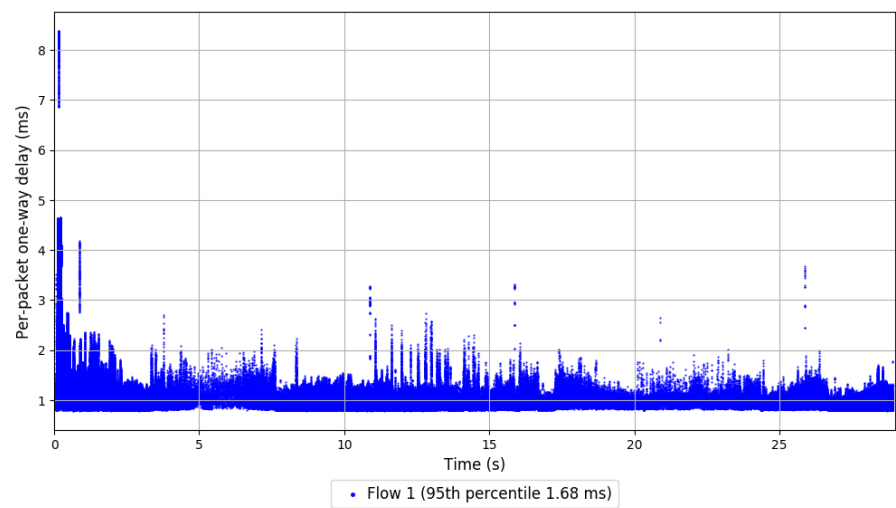
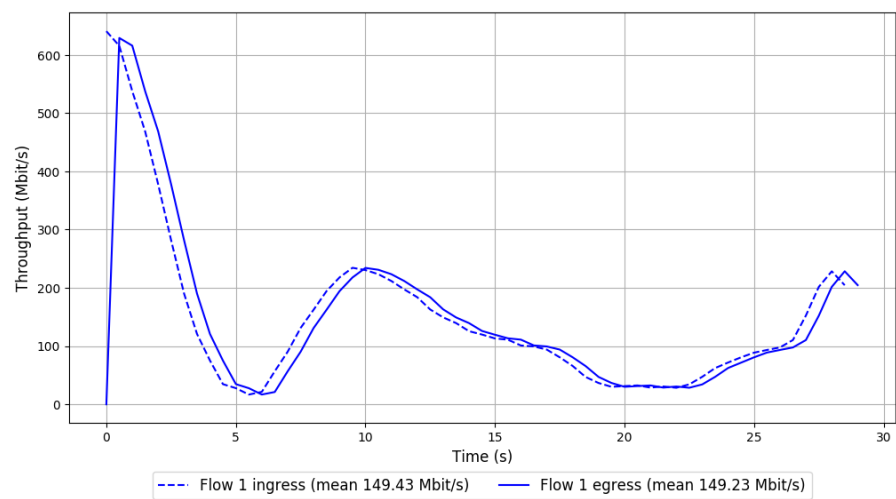


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-03-26 20:43:46
End at: 2019-03-26 20:44:16
Local clock offset: -0.359 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2019-03-26 23:07:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 149.23 Mbit/s
95th percentile per-packet one-way delay: 1.683 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 149.23 Mbit/s
95th percentile per-packet one-way delay: 1.683 ms
Loss rate: 0.13%

Run 2: Report of Indigo-MusesC3 — Data Link

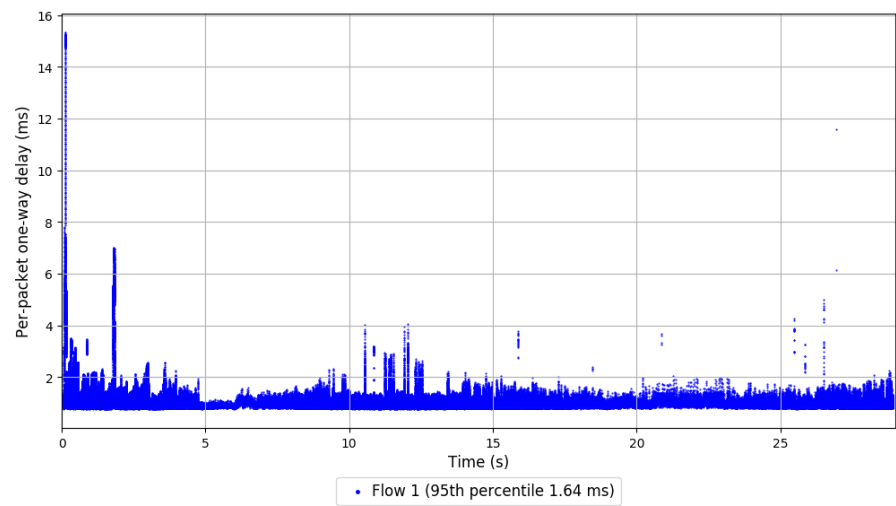
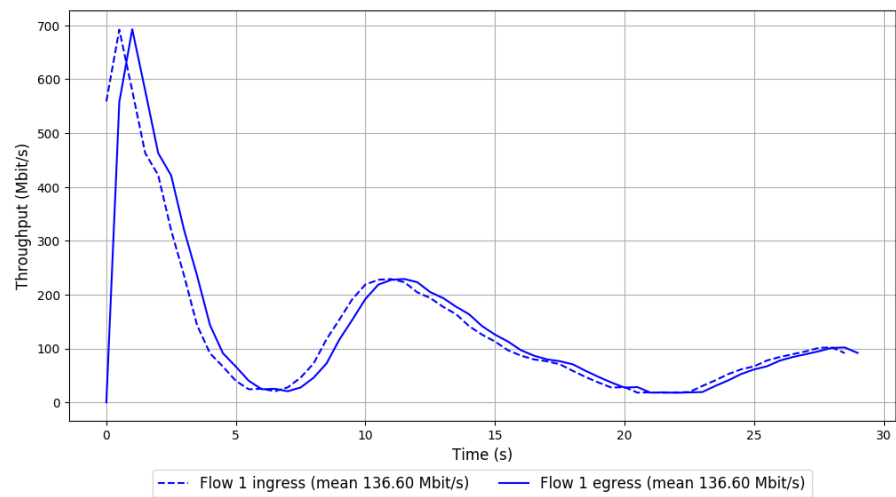


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-03-26 21:12:38
End at: 2019-03-26 21:13:08
Local clock offset: -0.392 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2019-03-26 23:07:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 136.60 Mbit/s
95th percentile per-packet one-way delay: 1.639 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 136.60 Mbit/s
95th percentile per-packet one-way delay: 1.639 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link

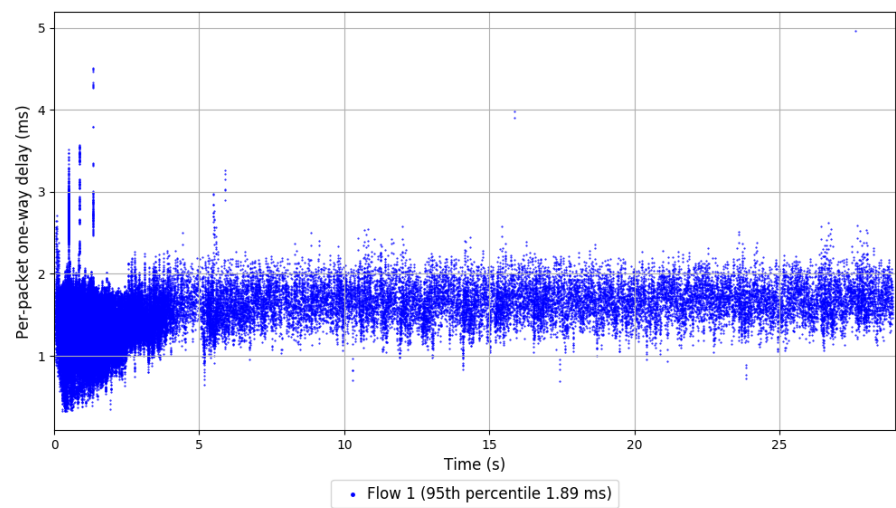
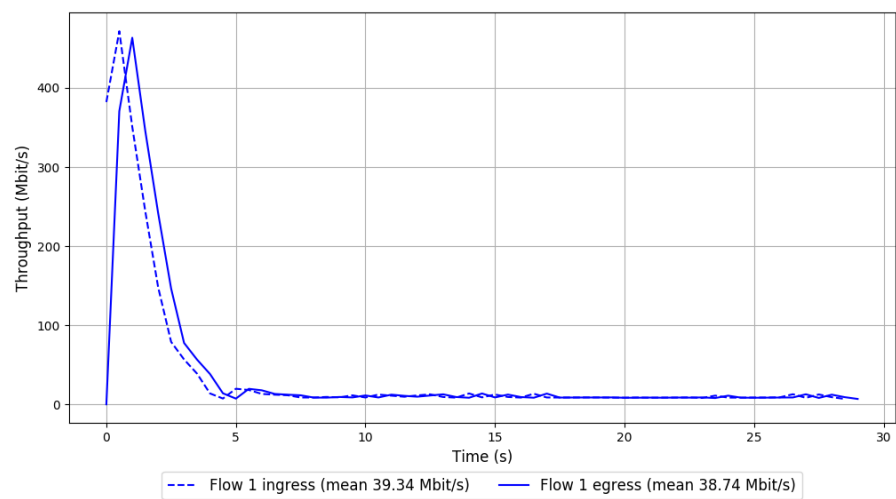


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-03-26 21:41:12
End at: 2019-03-26 21:41:42
Local clock offset: 1.78 ms
Remote clock offset: -0.288 ms

Below is generated by plot.py at 2019-03-26 23:07:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.74 Mbit/s
95th percentile per-packet one-way delay: 1.894 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 38.74 Mbit/s
95th percentile per-packet one-way delay: 1.894 ms
Loss rate: 1.51%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-03-26 22:09:30

End at: 2019-03-26 22:10:00

Local clock offset: 0.336 ms

Remote clock offset: 0.192 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.43 Mbit/s

95th percentile per-packet one-way delay: 1.354 ms

Loss rate: 0.07%

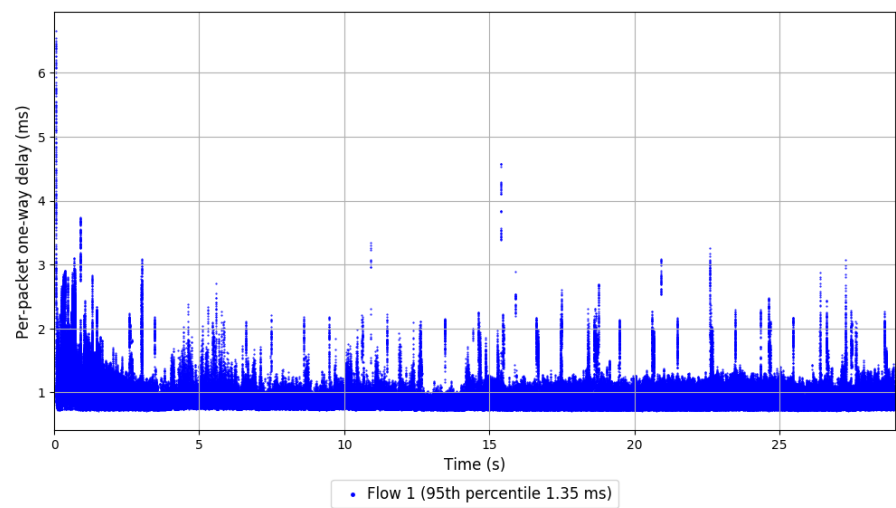
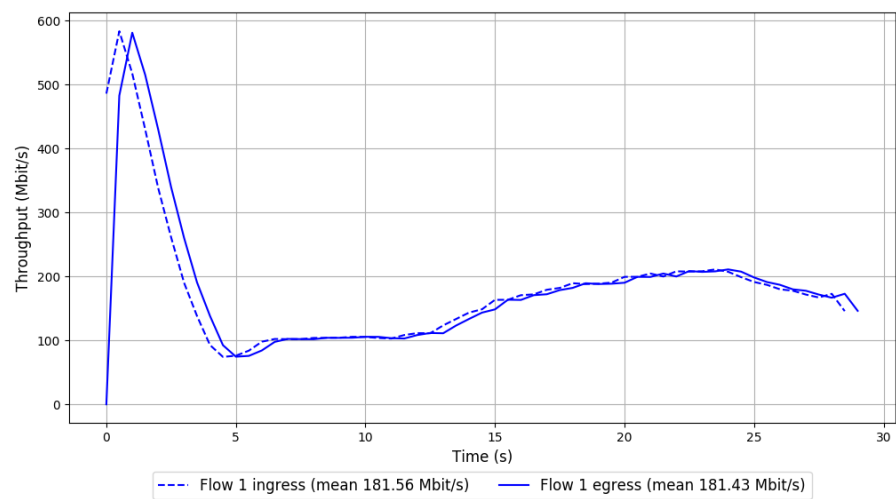
-- Flow 1:

Average throughput: 181.43 Mbit/s

95th percentile per-packet one-way delay: 1.354 ms

Loss rate: 0.07%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-03-26 20:24:35

End at: 2019-03-26 20:25:05

Local clock offset: 0.296 ms

Remote clock offset: -0.096 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.19 Mbit/s

95th percentile per-packet one-way delay: 5.919 ms

Loss rate: 0.02%

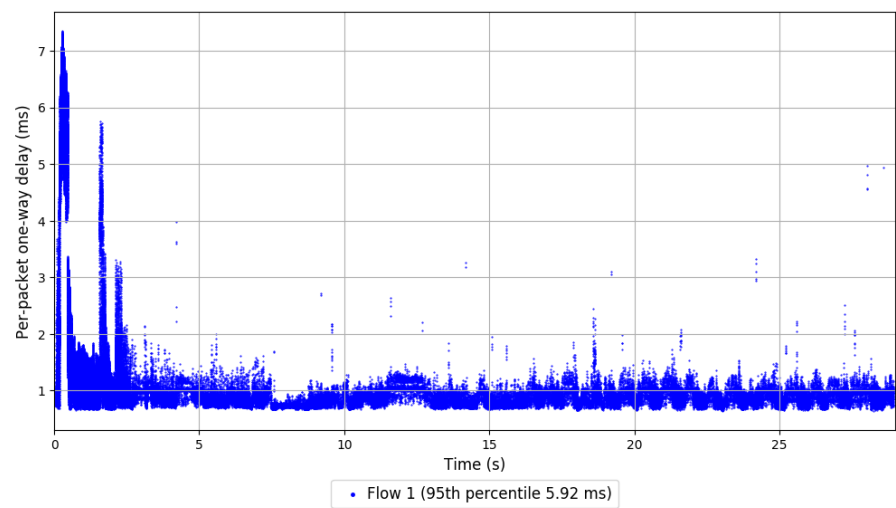
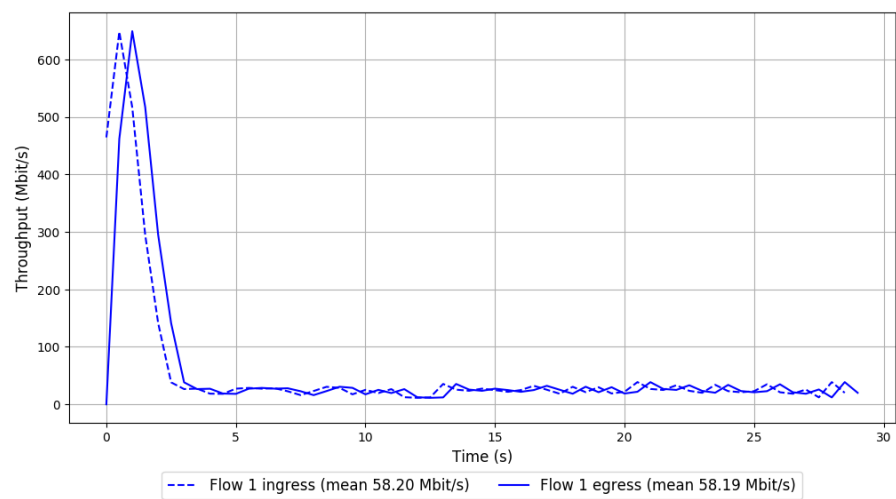
-- Flow 1:

Average throughput: 58.19 Mbit/s

95th percentile per-packet one-way delay: 5.919 ms

Loss rate: 0.02%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-03-26 20:53:17

End at: 2019-03-26 20:53:47

Local clock offset: -0.352 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.84 Mbit/s

95th percentile per-packet one-way delay: 1.687 ms

Loss rate: 0.02%

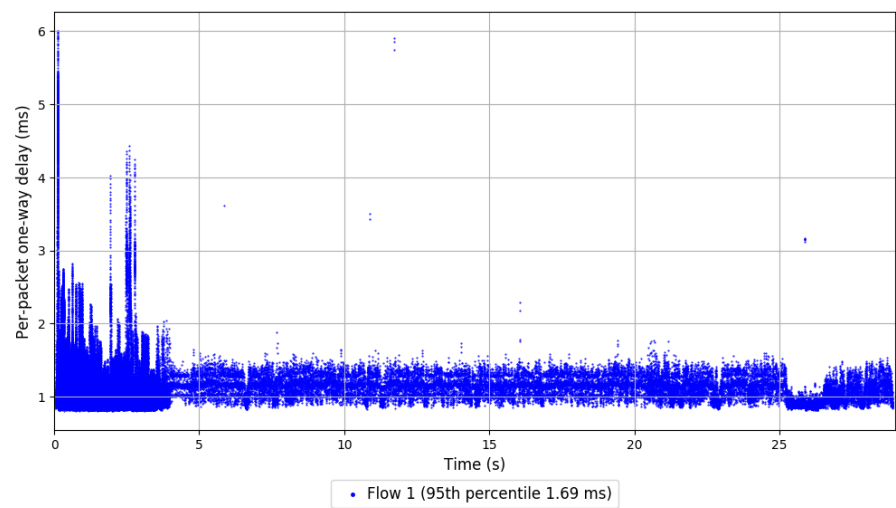
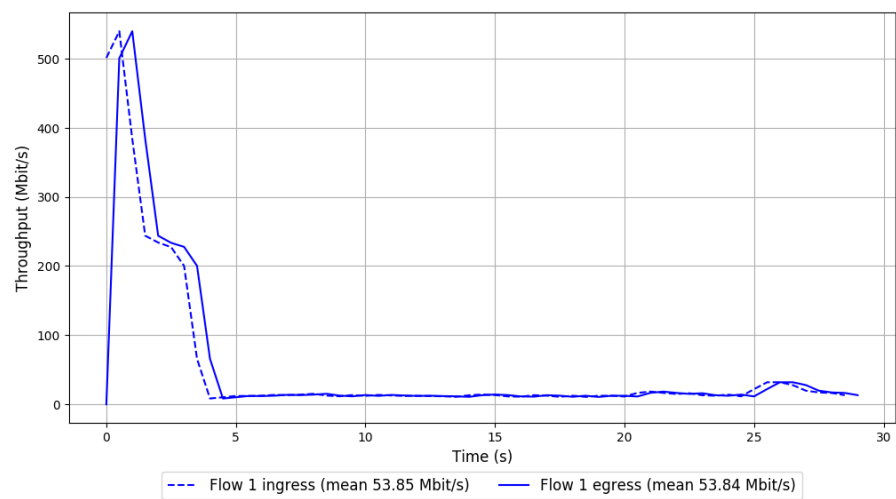
-- Flow 1:

Average throughput: 53.84 Mbit/s

95th percentile per-packet one-way delay: 1.687 ms

Loss rate: 0.02%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-03-26 21:22:05

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

Local clock offset: 0.543 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 254.86 Mbit/s

95th percentile per-packet one-way delay: 1.617 ms

Loss rate: 0.01%

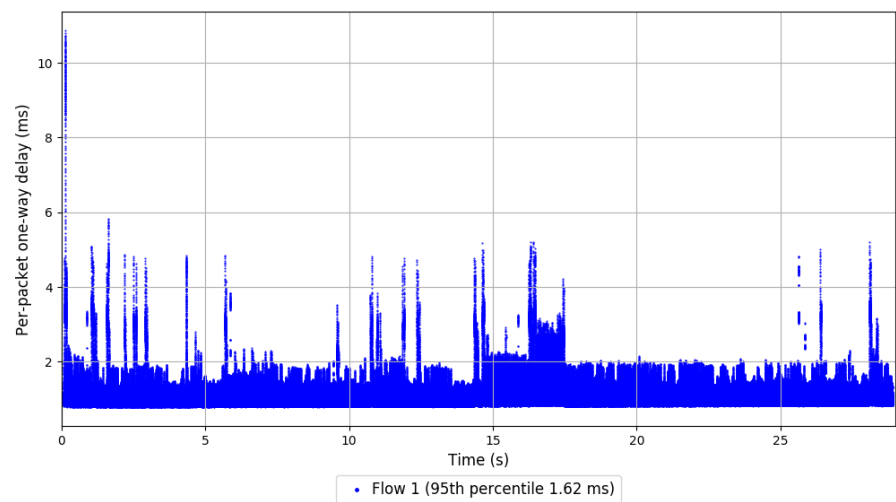
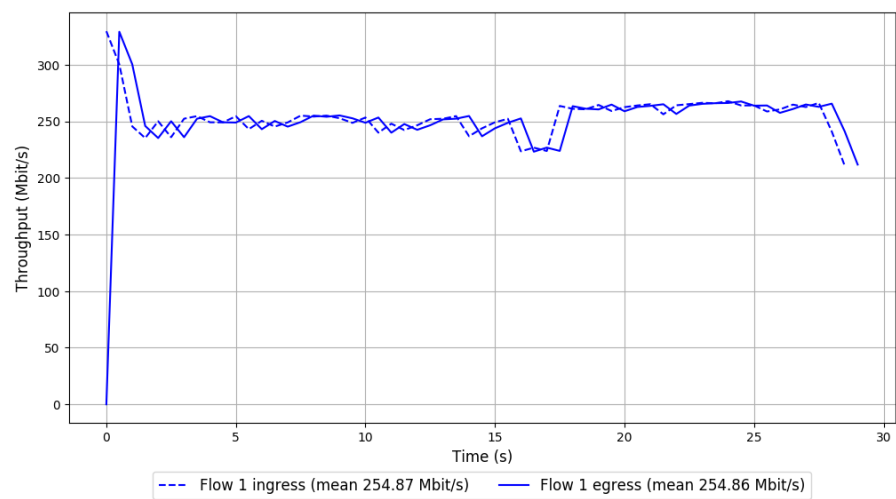
-- Flow 1:

Average throughput: 254.86 Mbit/s

95th percentile per-packet one-way delay: 1.617 ms

Loss rate: 0.01%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-03-26 21:50:11

End at: 2019-03-26 21:50:41

Local clock offset: 1.325 ms

Remote clock offset: 0.175 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.32 Mbit/s

95th percentile per-packet one-way delay: 3.476 ms

Loss rate: 0.00%

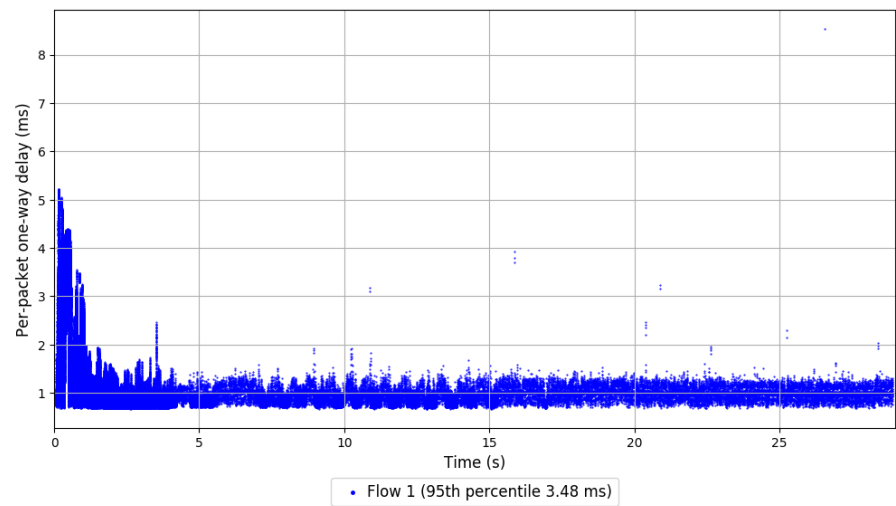
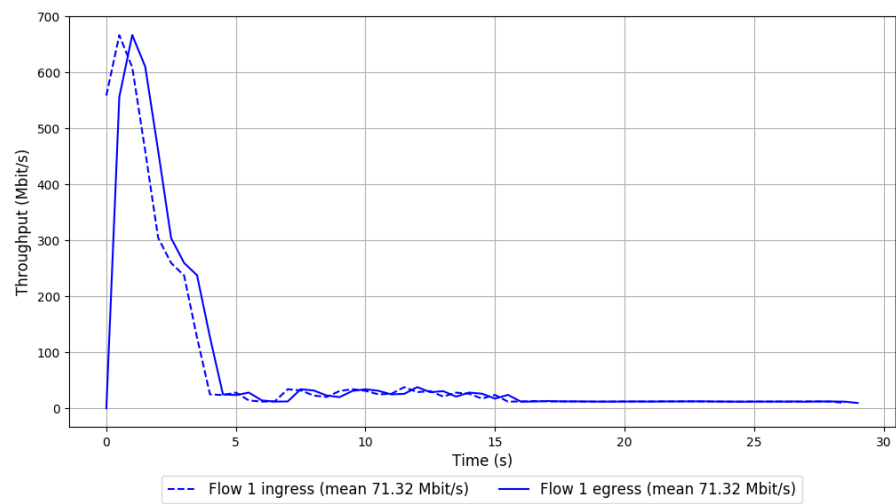
-- Flow 1:

Average throughput: 71.32 Mbit/s

95th percentile per-packet one-way delay: 3.476 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-03-26 22:18:56

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

Local clock offset: 0.312 ms

Remote clock offset: 0.306 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.37 Mbit/s

95th percentile per-packet one-way delay: 1.840 ms

Loss rate: 0.18%

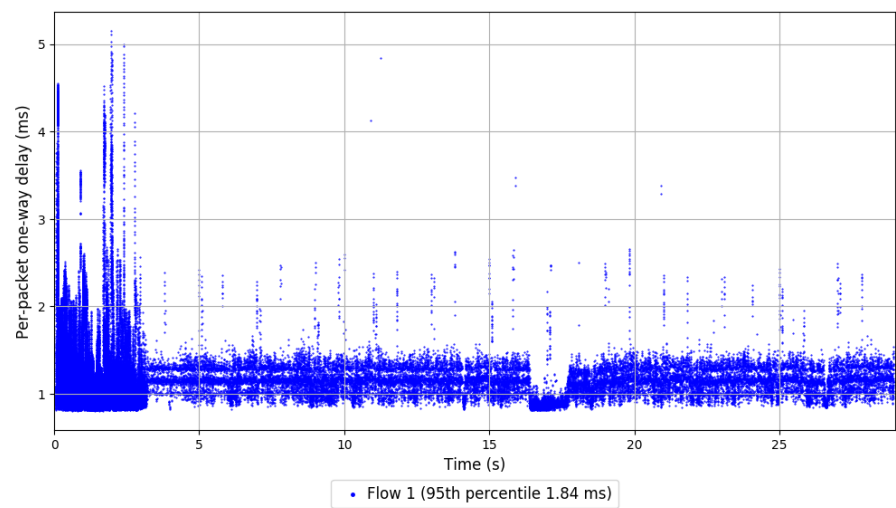
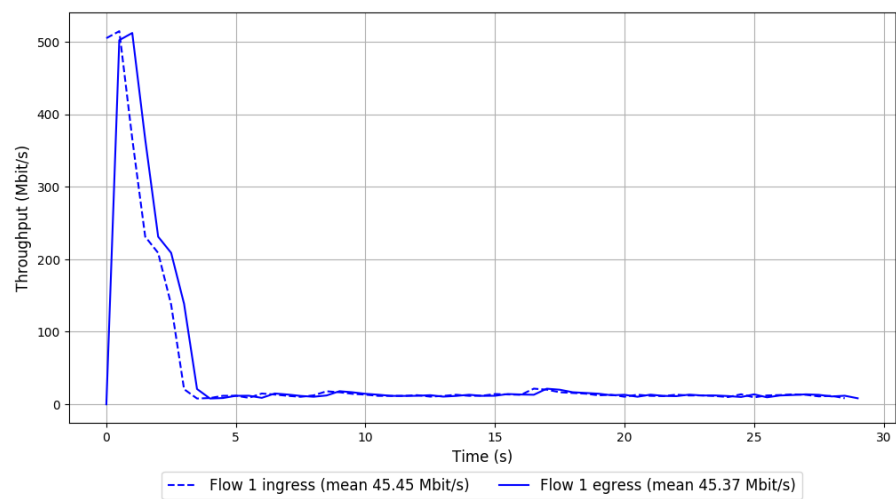
-- Flow 1:

Average throughput: 45.37 Mbit/s

95th percentile per-packet one-way delay: 1.840 ms

Loss rate: 0.18%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-03-26 20:28:18

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

Local clock offset: 0.004 ms

Remote clock offset: -0.011 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.80 Mbit/s

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

Loss rate: 0.16%

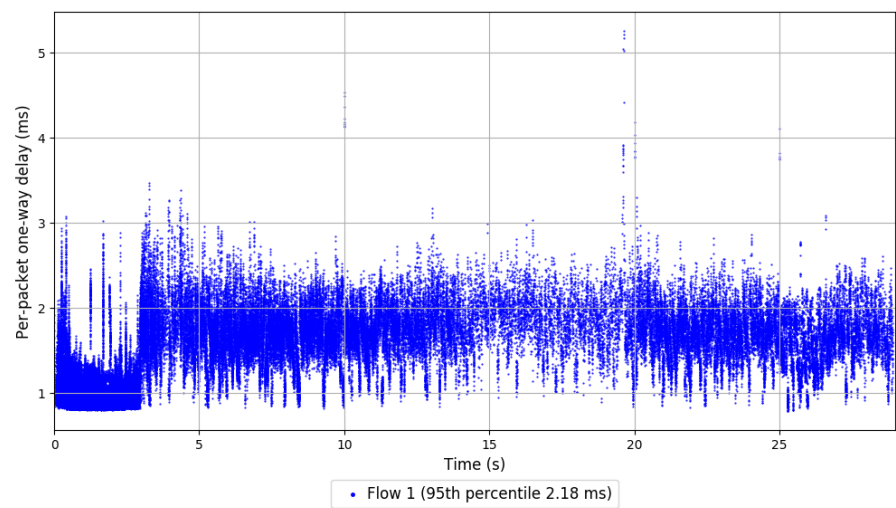
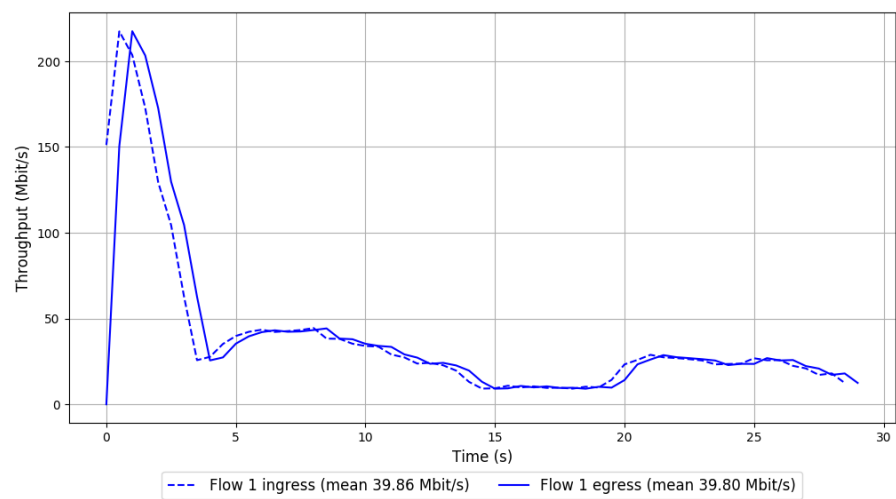
-- Flow 1:

Average throughput: 39.80 Mbit/s

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

Loss rate: 0.16%

Run 1: Report of Indigo-MusesD — Data Link

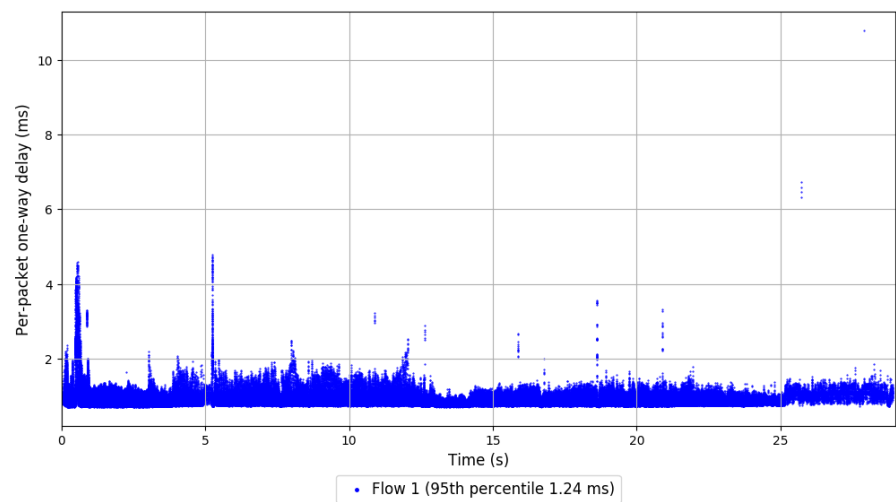
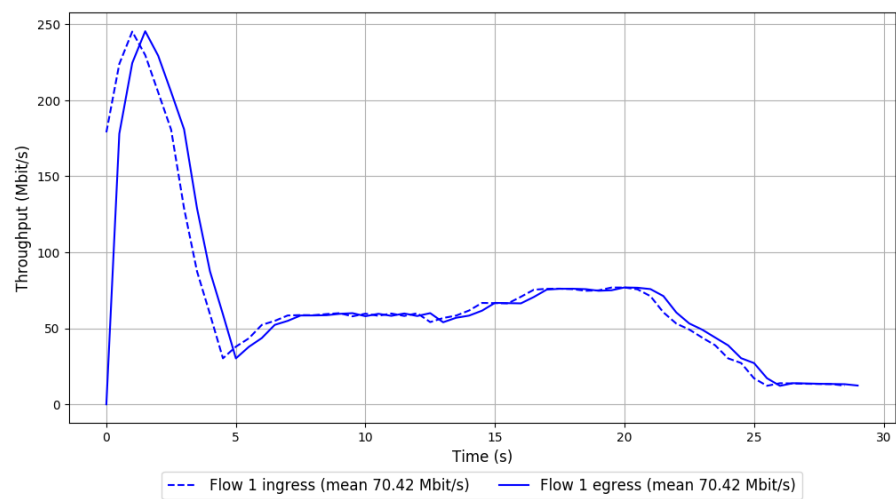


Run 2: Statistics of Indigo-MusesD

Start at: 2019-03-26 20:57:00
End at: 2019-03-26 20:57:30
Local clock offset: -0.361 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2019-03-26 23:07:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.42 Mbit/s
95th percentile per-packet one-way delay: 1.244 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.42 Mbit/s
95th percentile per-packet one-way delay: 1.244 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-03-26 21:25:53

End at: 2019-03-26 21:26:24

Local clock offset: 0.942 ms

Remote clock offset: 0.055 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.32 Mbit/s

95th percentile per-packet one-way delay: 1.415 ms

Loss rate: 0.01%

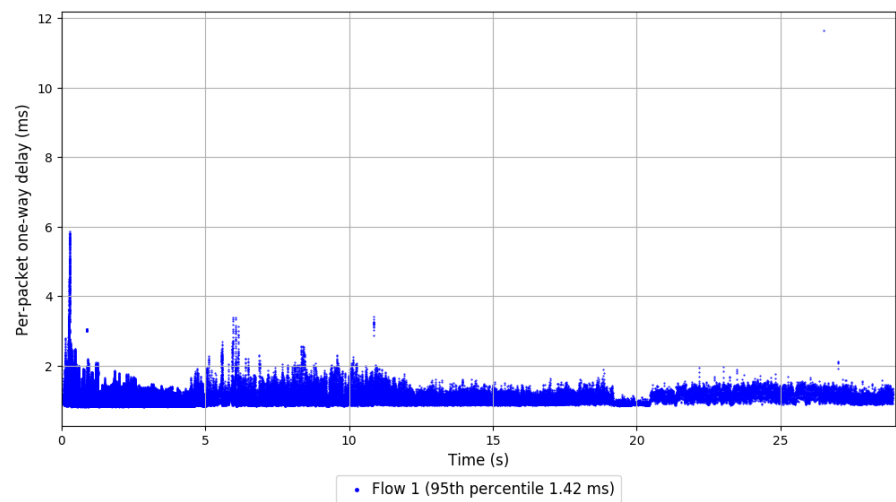
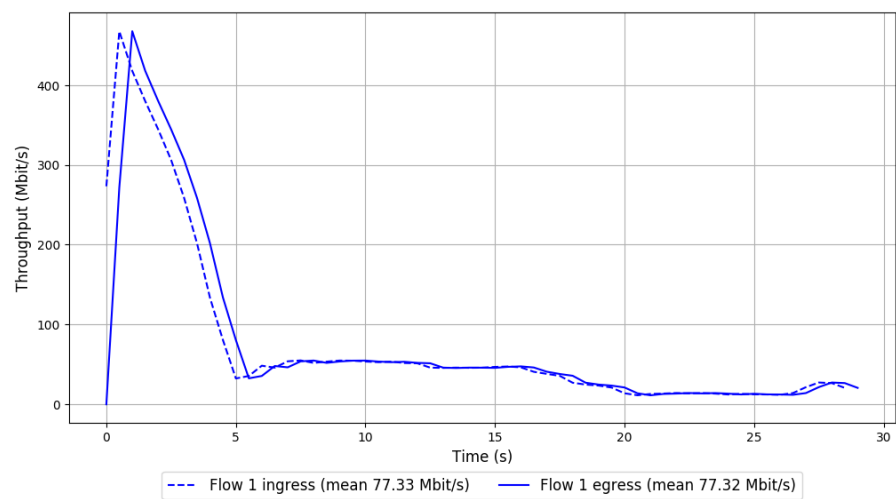
-- Flow 1:

Average throughput: 77.32 Mbit/s

95th percentile per-packet one-way delay: 1.415 ms

Loss rate: 0.01%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-03-26 21:53:54

End at: 2019-03-26 21:54:24

Local clock offset: 0.909 ms

Remote clock offset: 0.106 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.73 Mbit/s

95th percentile per-packet one-way delay: 1.449 ms

Loss rate: 0.04%

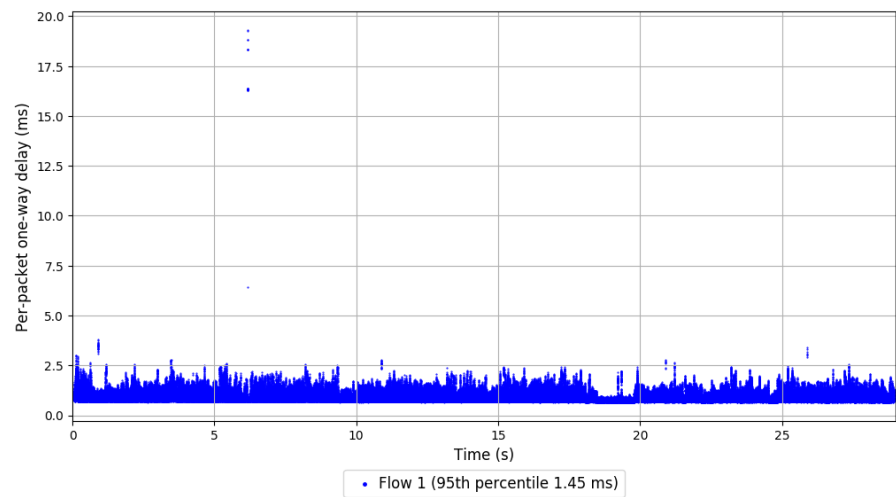
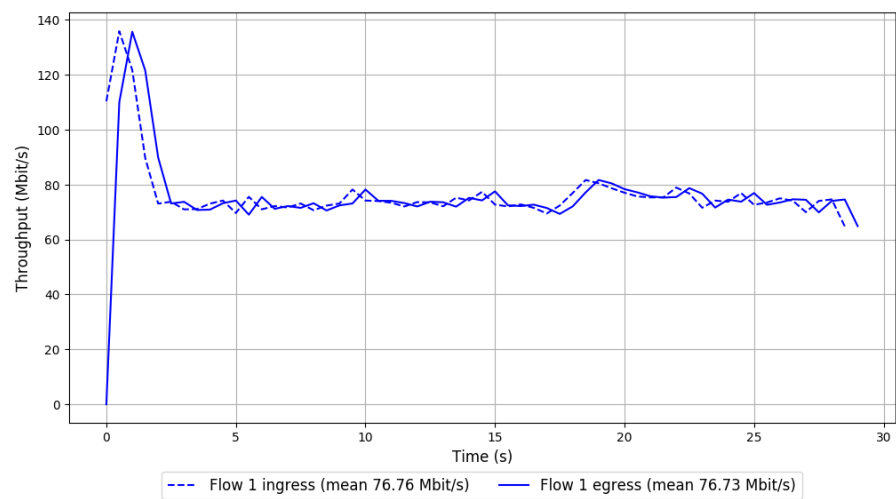
-- Flow 1:

Average throughput: 76.73 Mbit/s

95th percentile per-packet one-way delay: 1.449 ms

Loss rate: 0.04%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-03-26 22:22:38

End at: 2019-03-26 22:23:08

Local clock offset: 0.263 ms

Remote clock offset: 0.256 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.40 Mbit/s

95th percentile per-packet one-way delay: 1.612 ms

Loss rate: 0.03%

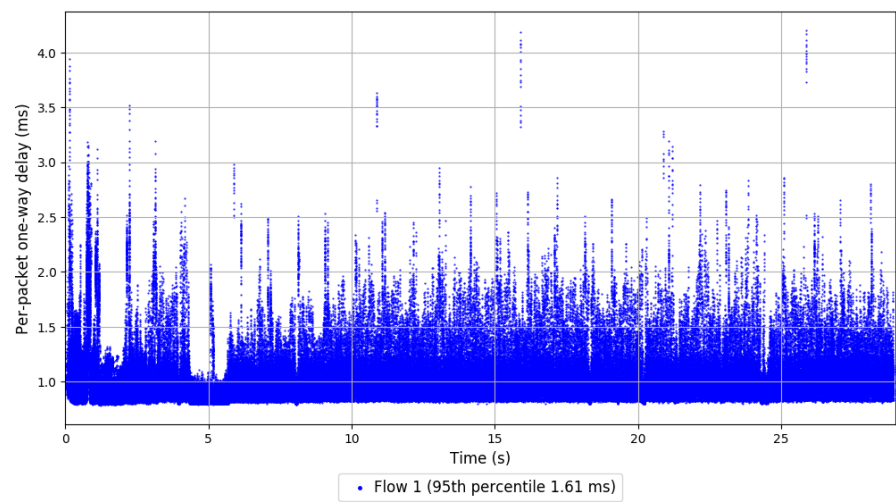
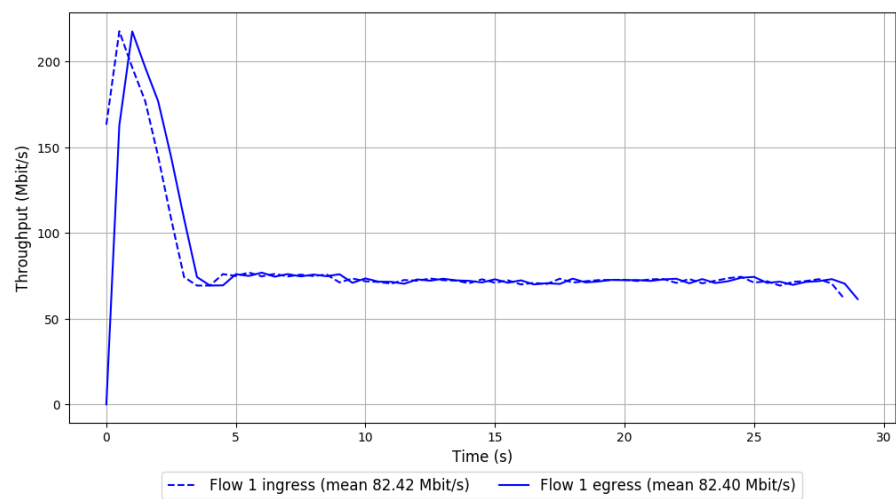
-- Flow 1:

Average throughput: 82.40 Mbit/s

95th percentile per-packet one-way delay: 1.612 ms

Loss rate: 0.03%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

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

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

Local clock offset: 0.588 ms

Remote clock offset: -0.071 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 245.90 Mbit/s

95th percentile per-packet one-way delay: 1.216 ms

Loss rate: 0.00%

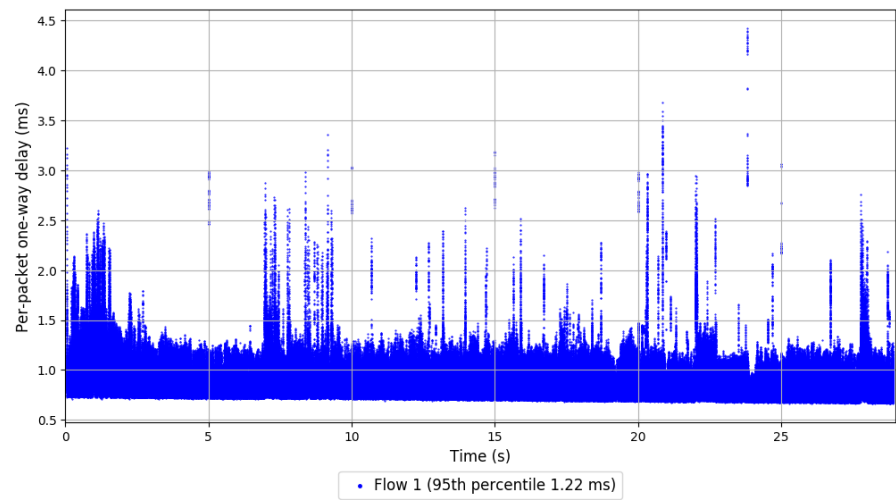
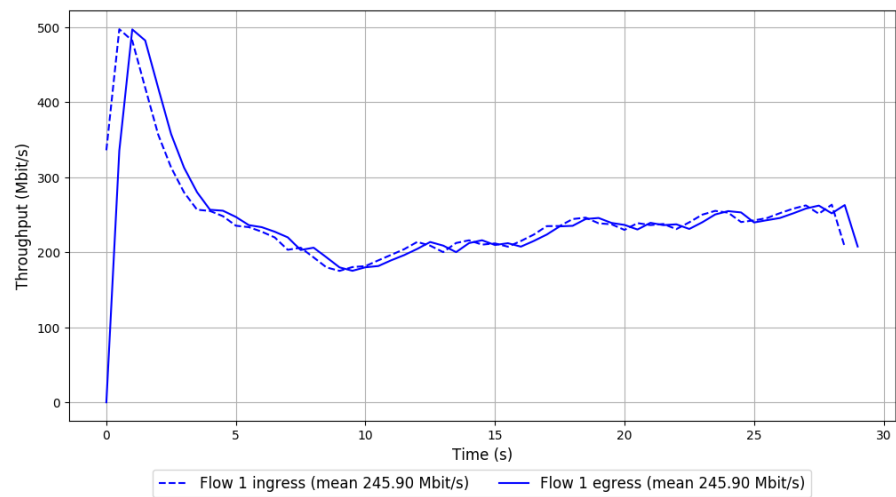
-- Flow 1:

Average throughput: 245.90 Mbit/s

95th percentile per-packet one-way delay: 1.216 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesT — Data Link

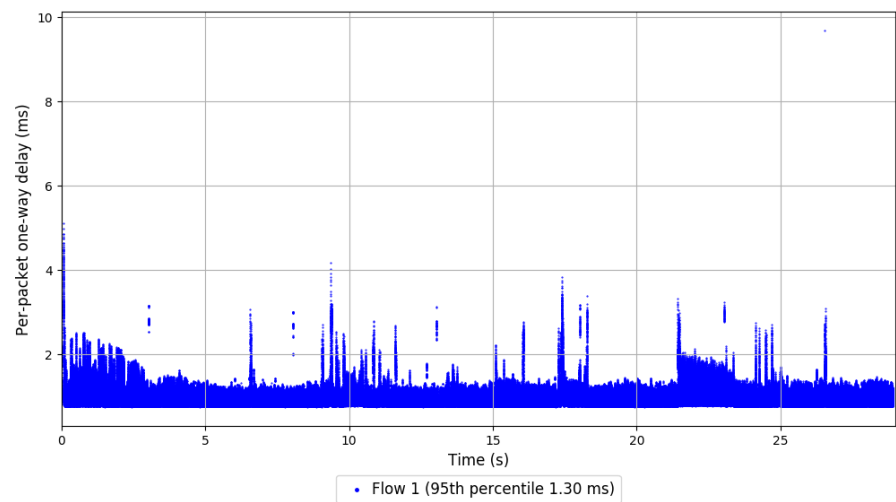
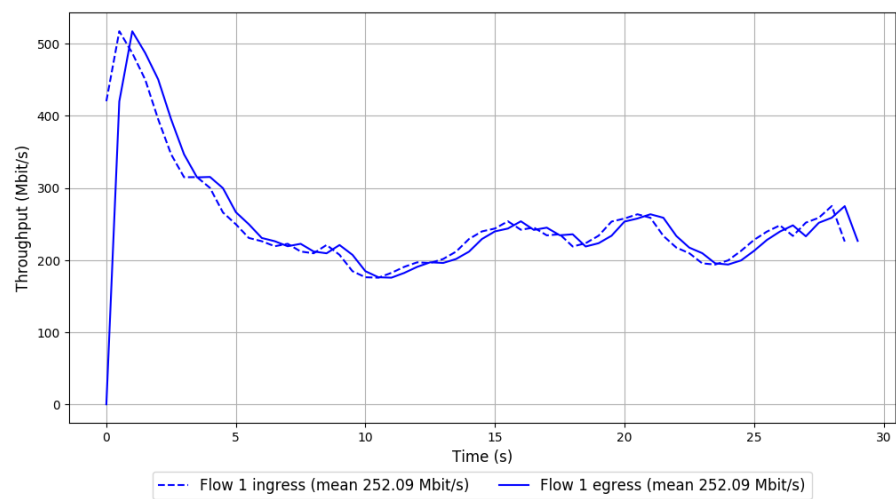


Run 2: Statistics of Indigo-MusesT

Start at: 2019-03-26 20:50:31
End at: 2019-03-26 20:51:01
Local clock offset: -0.366 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2019-03-26 23:07:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 252.09 Mbit/s
95th percentile per-packet one-way delay: 1.304 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 252.09 Mbit/s
95th percentile per-packet one-way delay: 1.304 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link

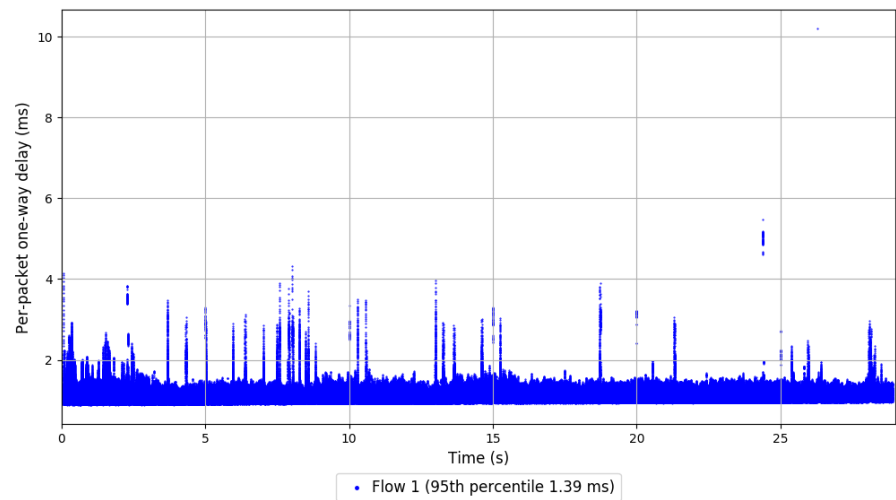
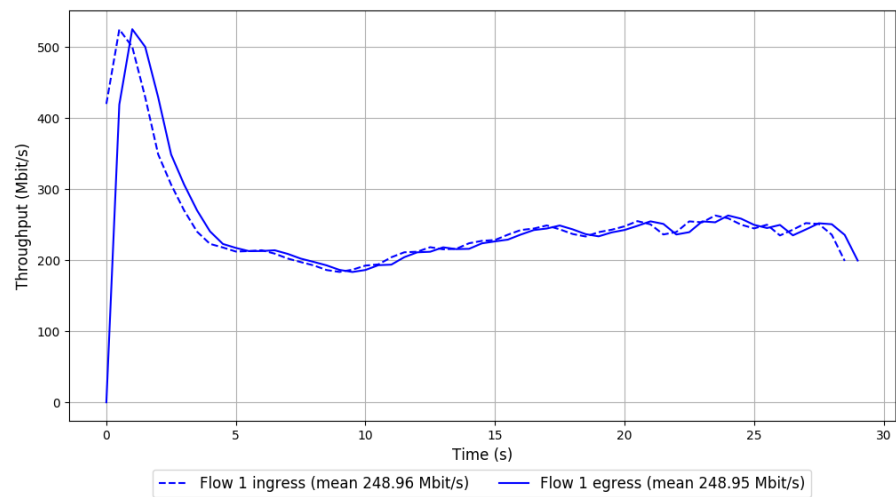


Run 3: Statistics of Indigo-MusesT

Start at: 2019-03-26 21:19:19
End at: 2019-03-26 21:19:50
Local clock offset: 0.126 ms
Remote clock offset: -0.091 ms

Below is generated by plot.py at 2019-03-26 23:07:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 248.95 Mbit/s
95th percentile per-packet one-way delay: 1.389 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 248.95 Mbit/s
95th percentile per-packet one-way delay: 1.389 ms
Loss rate: 0.01%

Run 3: Report of Indigo-MusesT — Data Link

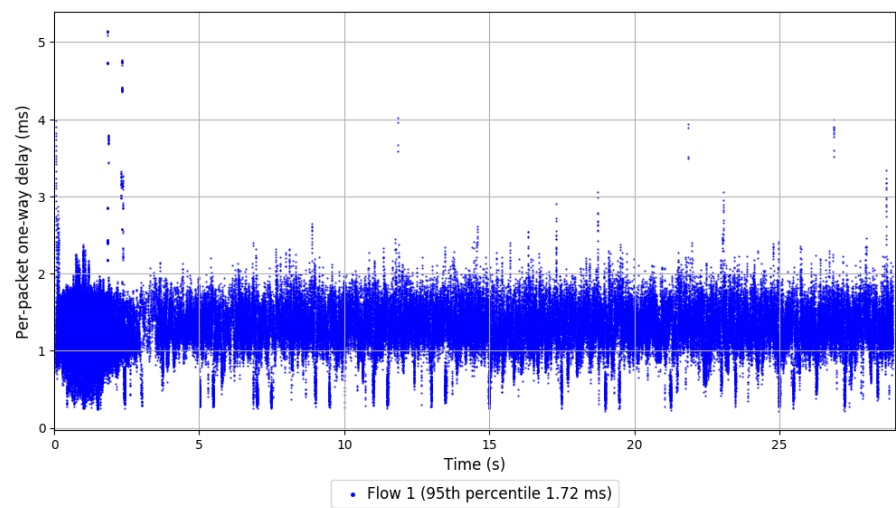
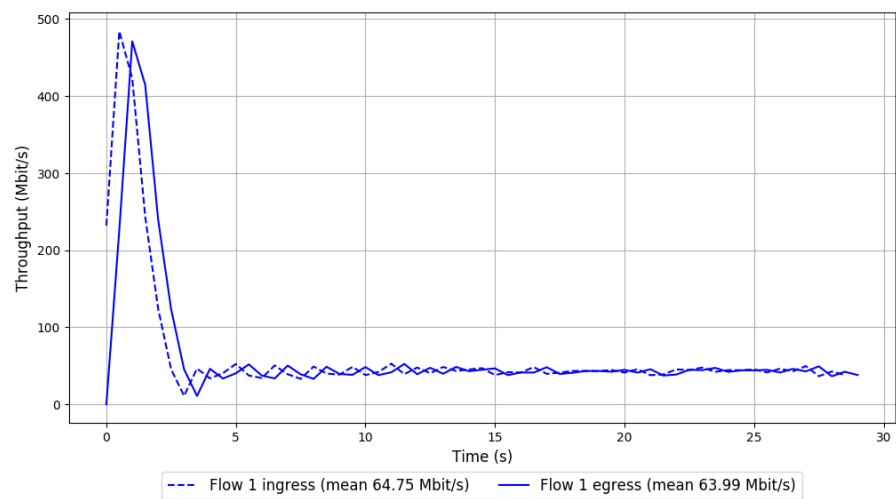


Run 4: Statistics of Indigo-MusesT

Start at: 2019-03-26 21:47:41
End at: 2019-03-26 21:48:11
Local clock offset: 1.713 ms
Remote clock offset: -0.218 ms

Below is generated by plot.py at 2019-03-26 23:07:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.99 Mbit/s
95th percentile per-packet one-way delay: 1.723 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 63.99 Mbit/s
95th percentile per-packet one-way delay: 1.723 ms
Loss rate: 1.17%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-03-26 22:16:10

End at: 2019-03-26 22:16:40

Local clock offset: 0.349 ms

Remote clock offset: 0.25 ms

Below is generated by plot.py at 2019-03-26 23:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 252.80 Mbit/s

95th percentile per-packet one-way delay: 1.350 ms

Loss rate: 0.09%

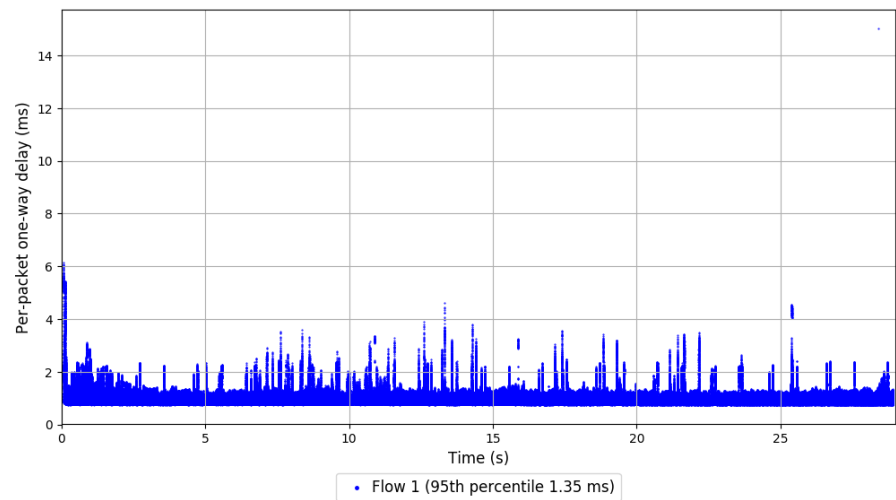
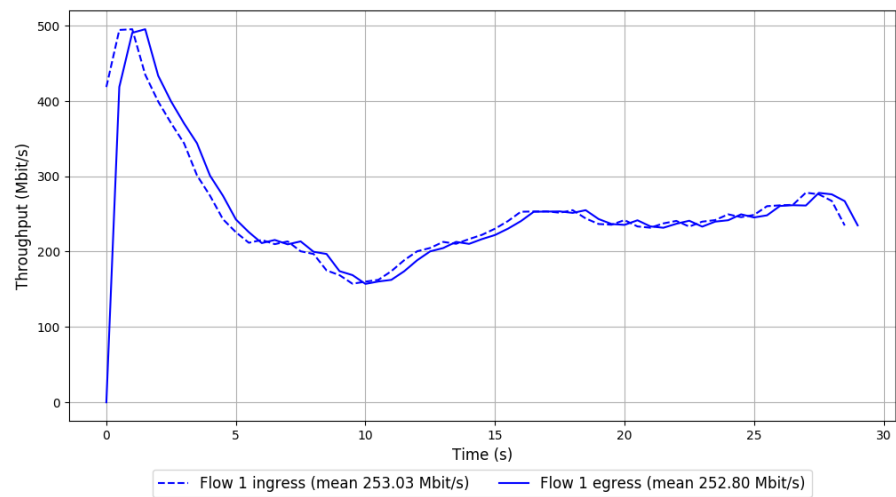
-- Flow 1:

Average throughput: 252.80 Mbit/s

95th percentile per-packet one-way delay: 1.350 ms

Loss rate: 0.09%

Run 5: Report of Indigo-MusesT — Data Link

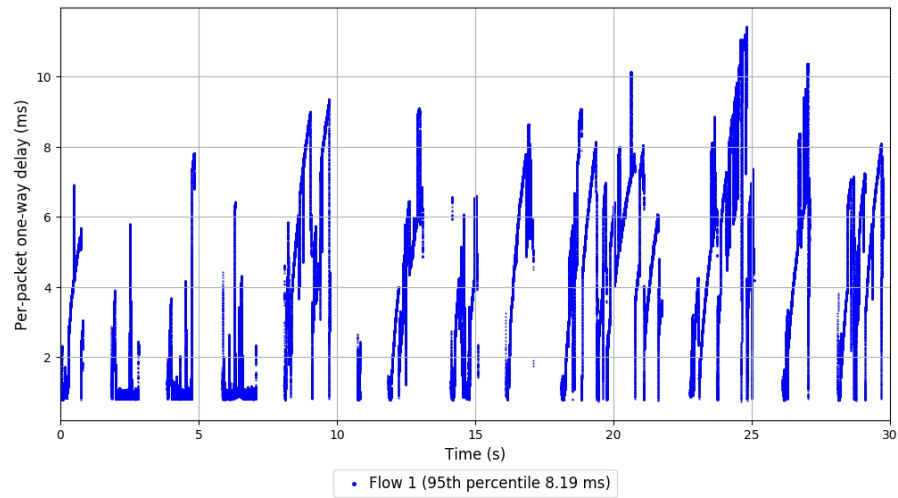
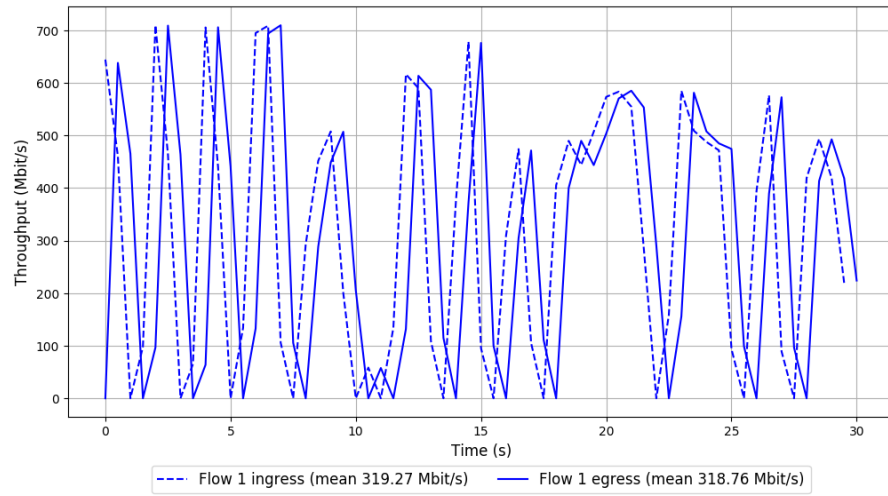


Run 1: Statistics of LEDBAT

Start at: 2019-03-26 20:30:45
End at: 2019-03-26 20:31:15
Local clock offset: -0.127 ms
Remote clock offset: -0.079 ms

Below is generated by plot.py at 2019-03-26 23:07:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 318.76 Mbit/s
95th percentile per-packet one-way delay: 8.188 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 318.76 Mbit/s
95th percentile per-packet one-way delay: 8.188 ms
Loss rate: 0.14%

Run 1: Report of LEDBAT — Data Link

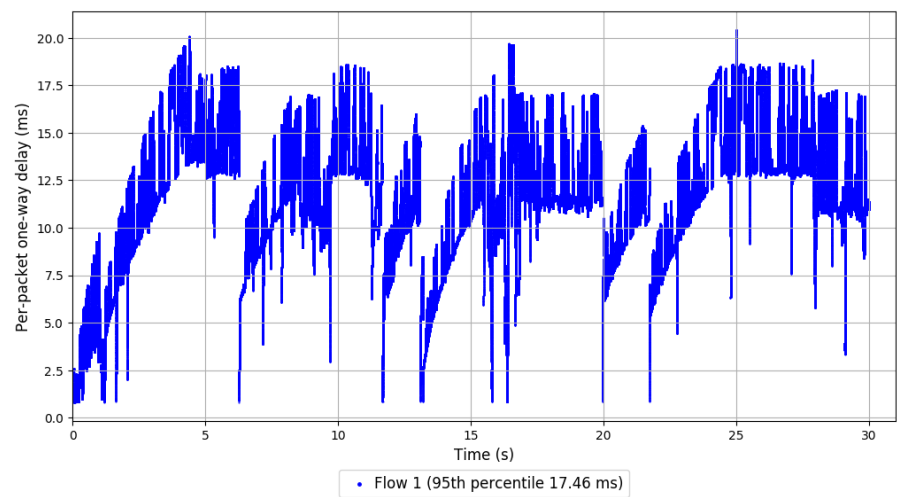
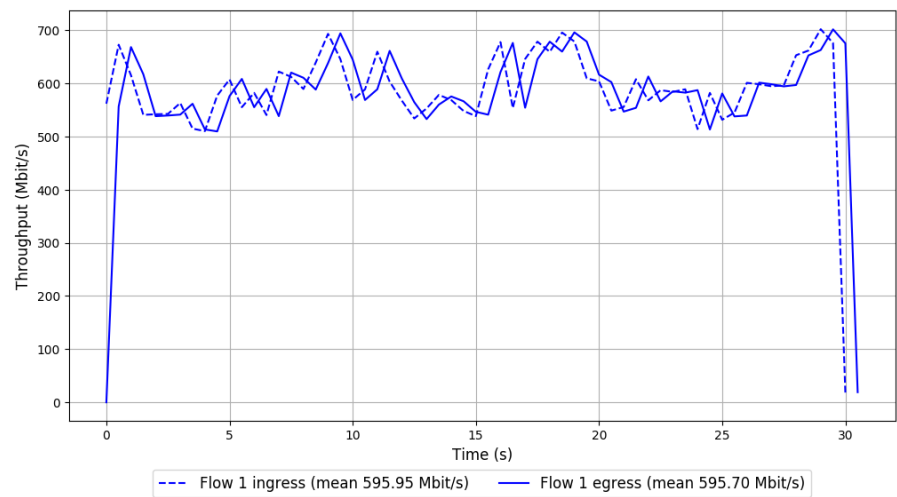


Run 2: Statistics of LEDBAT

Start at: 2019-03-26 20:59:28
End at: 2019-03-26 20:59:58
Local clock offset: -0.357 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2019-03-26 23:10:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 595.70 Mbit/s
95th percentile per-packet one-way delay: 17.461 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 595.70 Mbit/s
95th percentile per-packet one-way delay: 17.461 ms
Loss rate: 0.04%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-03-26 21:28:22

End at: 2019-03-26 21:28:52

Local clock offset: 1.161 ms

Remote clock offset: 0.126 ms

Below is generated by plot.py at 2019-03-26 23:12:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 569.46 Mbit/s

95th percentile per-packet one-way delay: 16.645 ms

Loss rate: 0.05%

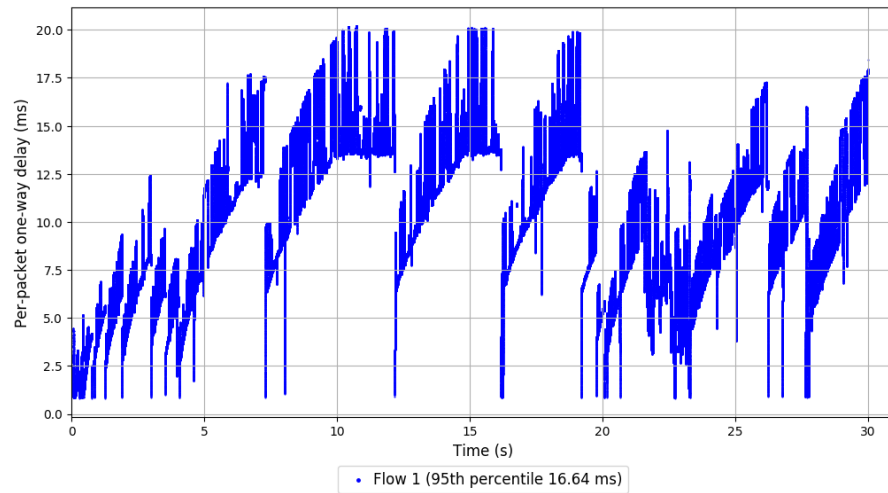
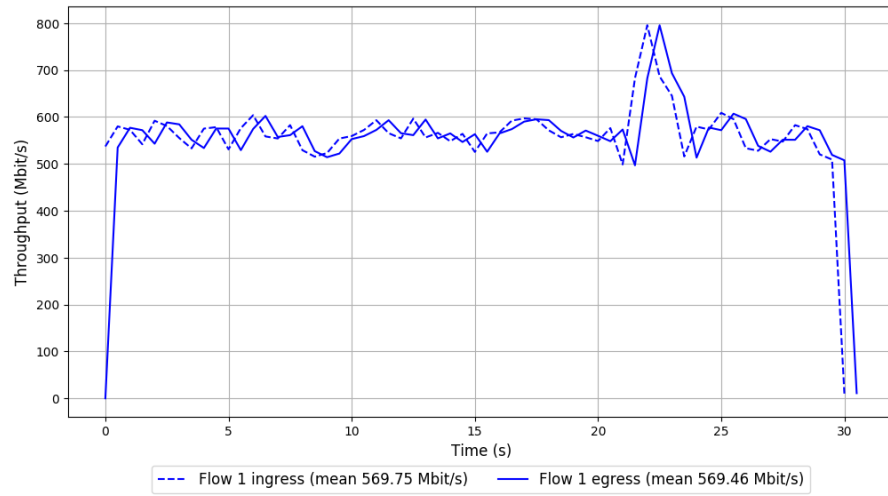
-- Flow 1:

Average throughput: 569.46 Mbit/s

95th percentile per-packet one-way delay: 16.645 ms

Loss rate: 0.05%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-03-26 21:56:23

End at: 2019-03-26 21:56:53

Local clock offset: 0.713 ms

Remote clock offset: 0.202 ms

Below is generated by plot.py at 2019-03-26 23:12:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 396.51 Mbit/s

95th percentile per-packet one-way delay: 16.255 ms

Loss rate: 0.14%

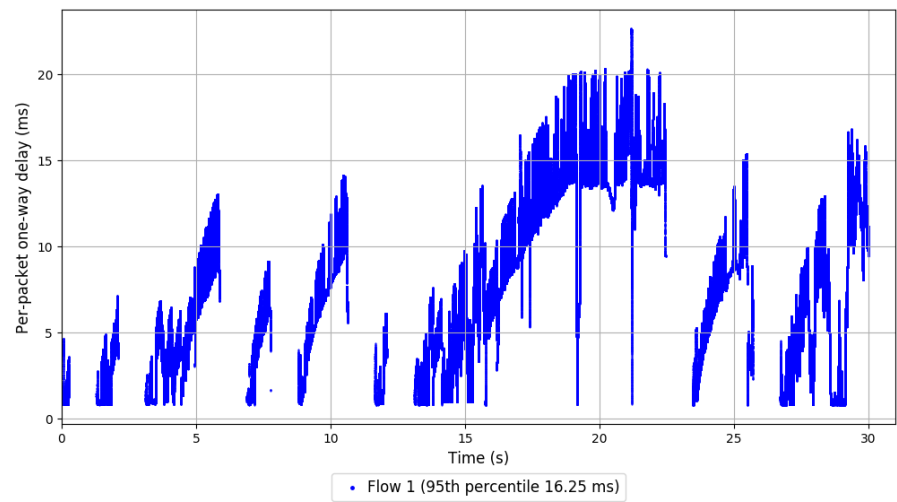
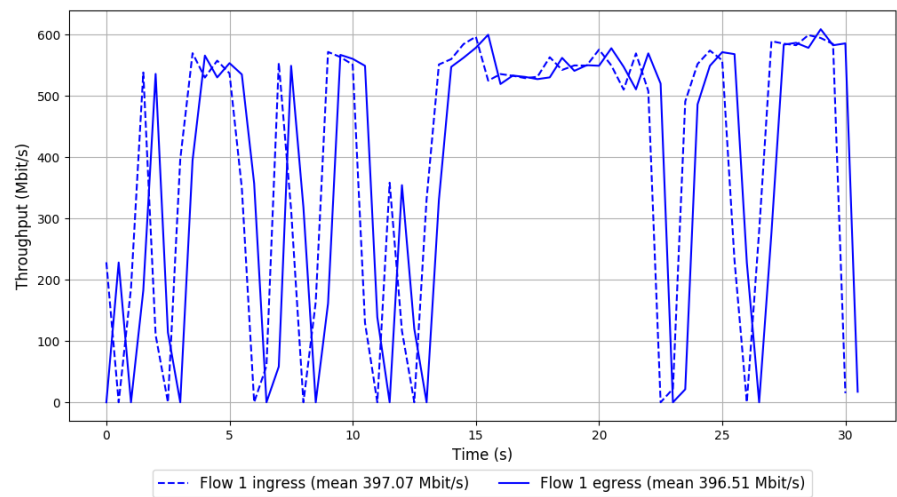
-- Flow 1:

Average throughput: 396.51 Mbit/s

95th percentile per-packet one-way delay: 16.255 ms

Loss rate: 0.14%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-03-26 22:25:07

End at: 2019-03-26 22:25:37

Local clock offset: 0.274 ms

Remote clock offset: 0.265 ms

Below is generated by plot.py at 2019-03-26 23:12:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 466.37 Mbit/s

95th percentile per-packet one-way delay: 8.684 ms

Loss rate: 0.07%

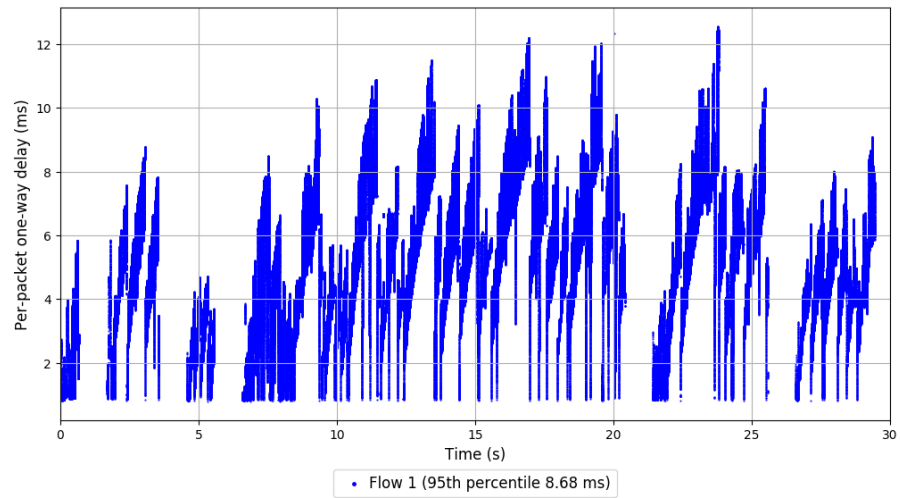
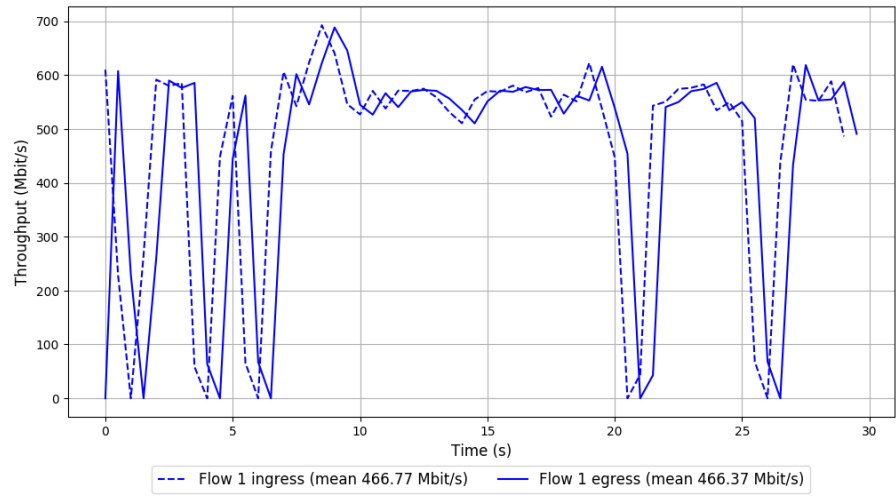
-- Flow 1:

Average throughput: 466.37 Mbit/s

95th percentile per-packet one-way delay: 8.684 ms

Loss rate: 0.07%

Run 5: Report of LEDBAT — Data Link

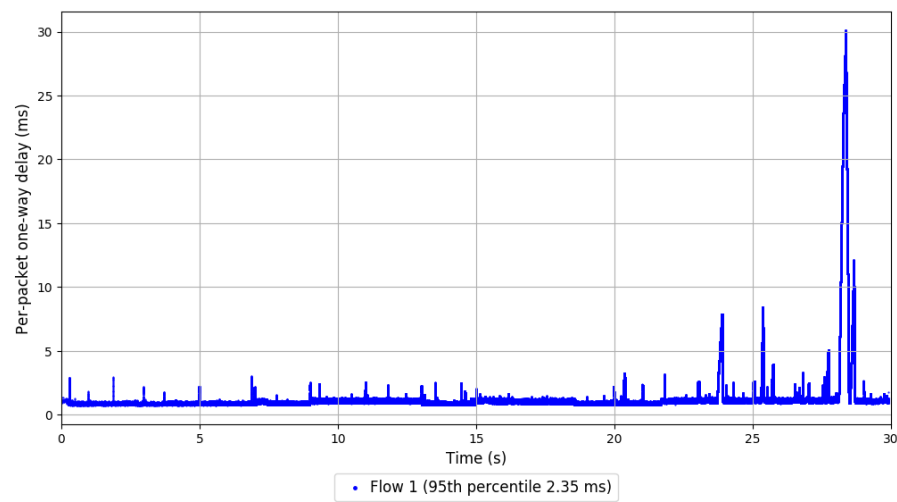
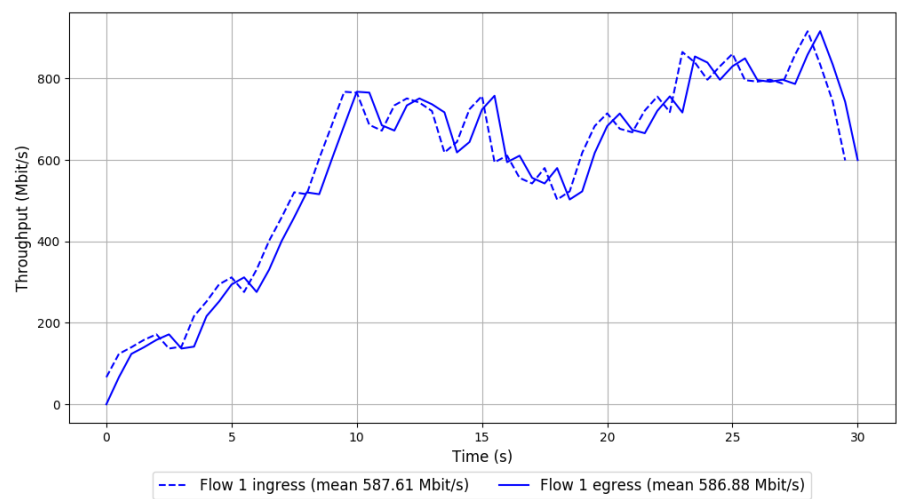


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-03-26 20:13:38
End at: 2019-03-26 20:14:08
Local clock offset: 1.541 ms
Remote clock offset: -0.265 ms

# Below is generated by plot.py at 2019-03-26 23:12:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 586.88 Mbit/s
95th percentile per-packet one-way delay: 2.347 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 586.88 Mbit/s
95th percentile per-packet one-way delay: 2.347 ms
Loss rate: 0.12%
```

Run 1: Report of PCC-Allegro — Data Link

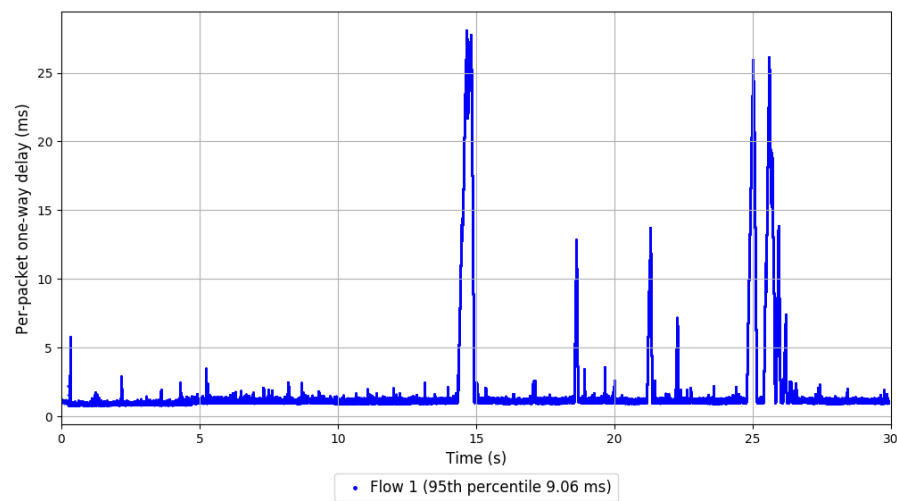
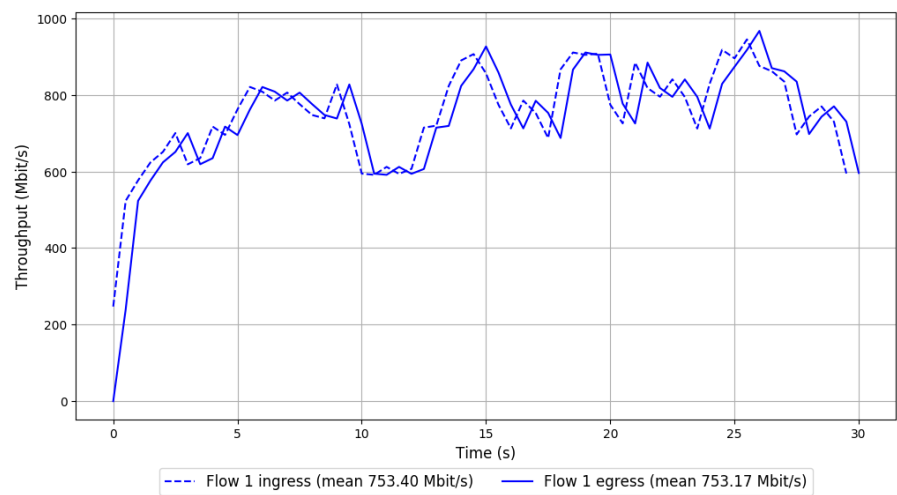


Run 2: Statistics of PCC-Allegro

Start at: 2019-03-26 20:42:15
End at: 2019-03-26 20:42:45
Local clock offset: -0.367 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2019-03-26 23:16:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 753.17 Mbit/s
95th percentile per-packet one-way delay: 9.062 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 753.17 Mbit/s
95th percentile per-packet one-way delay: 9.062 ms
Loss rate: 0.03%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-03-26 21:11:09

End at: 2019-03-26 21:11:39

Local clock offset: -0.4 ms

Remote clock offset: -0.047 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 680.93 Mbit/s

95th percentile per-packet one-way delay: 1.410 ms

Loss rate: 0.02%

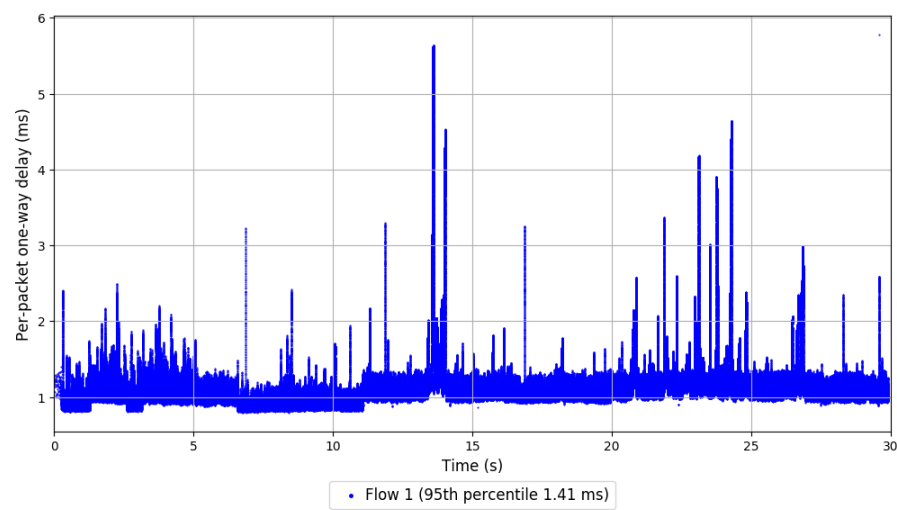
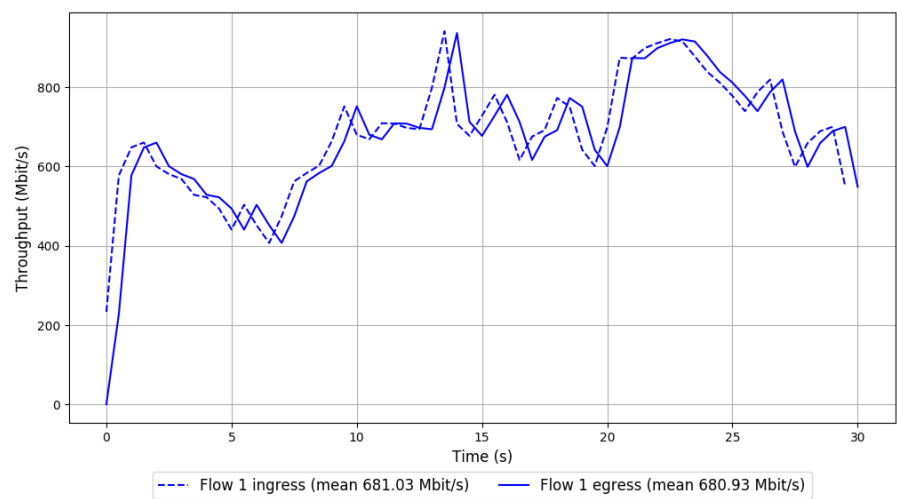
-- Flow 1:

Average throughput: 680.93 Mbit/s

95th percentile per-packet one-way delay: 1.410 ms

Loss rate: 0.02%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-03-26 21:39:58

End at: 2019-03-26 21:40:28

Local clock offset: 1.73 ms

Remote clock offset: -0.147 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.24 Mbit/s

95th percentile per-packet one-way delay: 1.929 ms

Loss rate: 0.24%

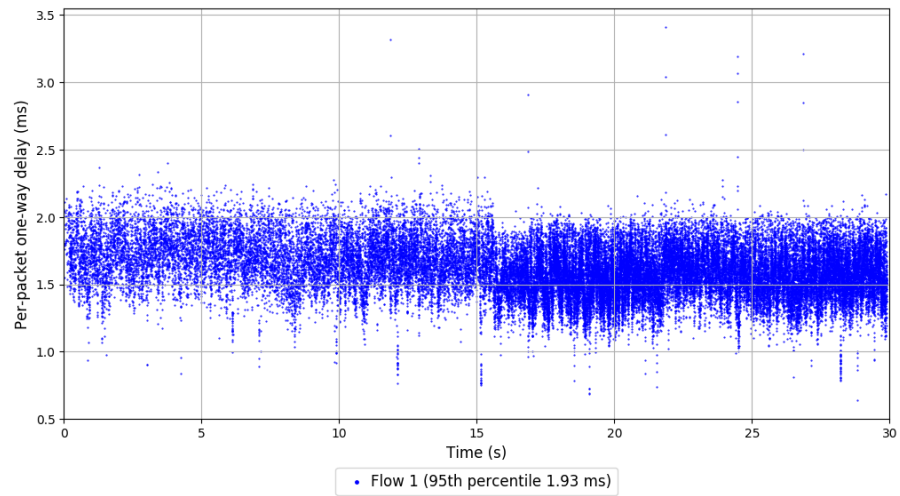
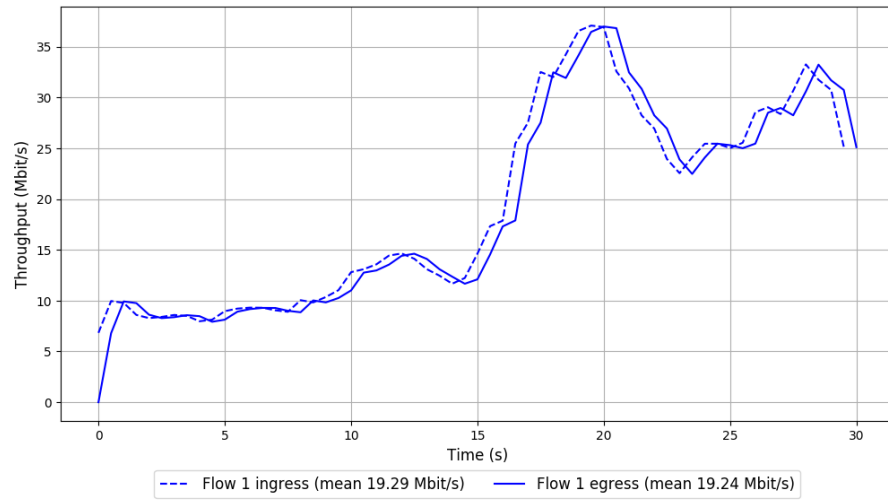
-- Flow 1:

Average throughput: 19.24 Mbit/s

95th percentile per-packet one-way delay: 1.929 ms

Loss rate: 0.24%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-03-26 22:08:01

End at: 2019-03-26 22:08:31

Local clock offset: 0.363 ms

Remote clock offset: 0.243 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 678.77 Mbit/s

95th percentile per-packet one-way delay: 2.102 ms

Loss rate: 0.35%

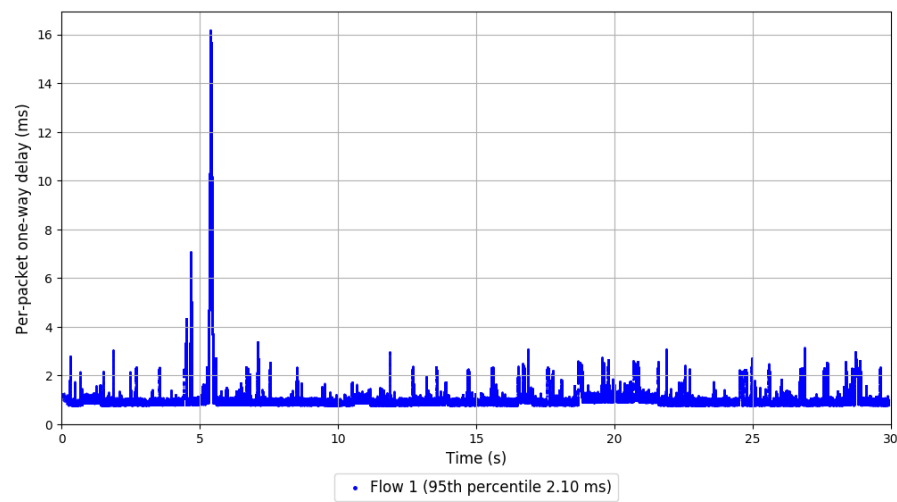
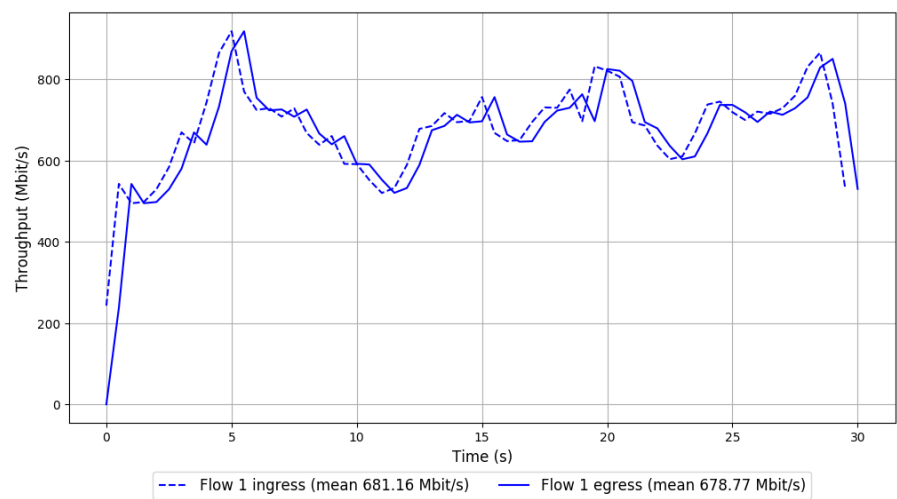
-- Flow 1:

Average throughput: 678.77 Mbit/s

95th percentile per-packet one-way delay: 2.102 ms

Loss rate: 0.35%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

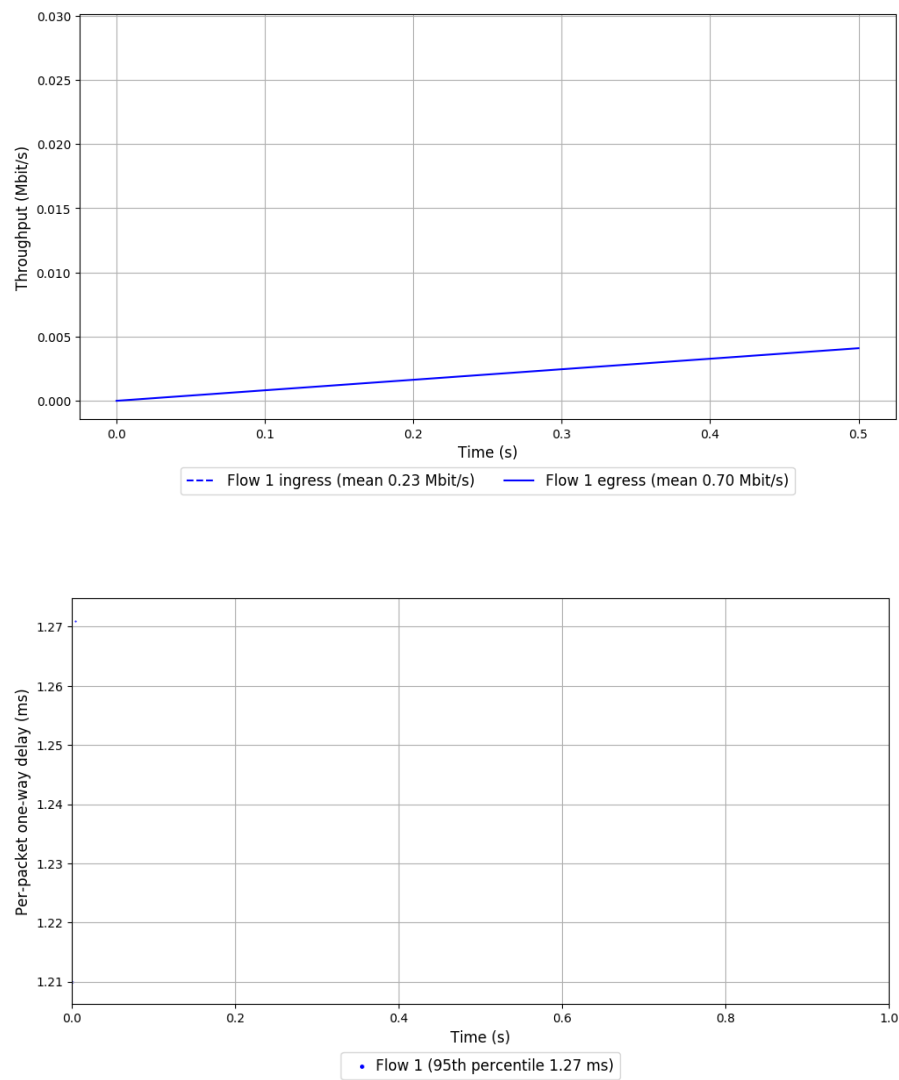
Start at: 2019-03-26 20:06:34

End at: 2019-03-26 20:07:04

Local clock offset: 1.362 ms

Remote clock offset: -0.221 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

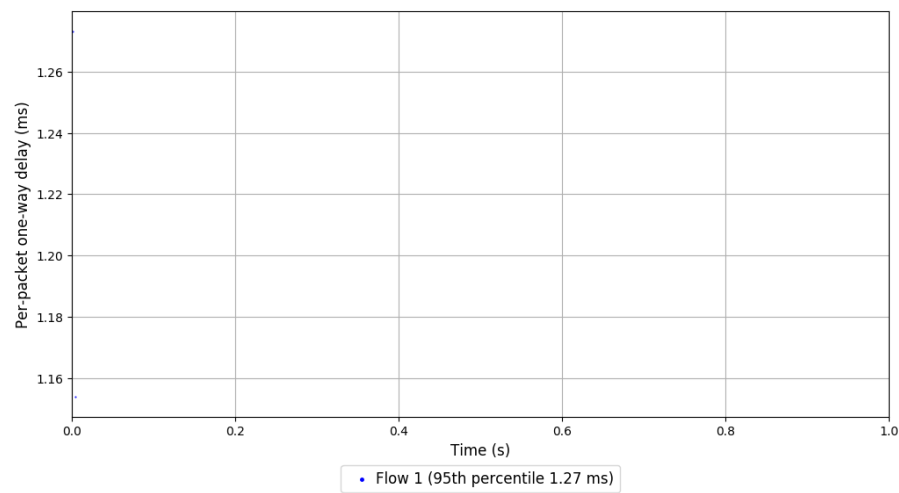
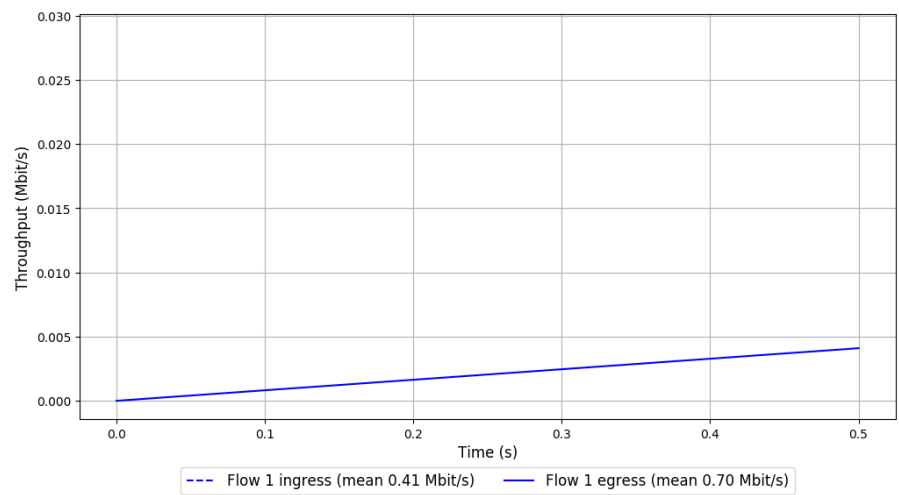
Start at: 2019-03-26 20:35:06

End at: 2019-03-26 20:35:36

Local clock offset: -0.258 ms

Remote clock offset: -0.126 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

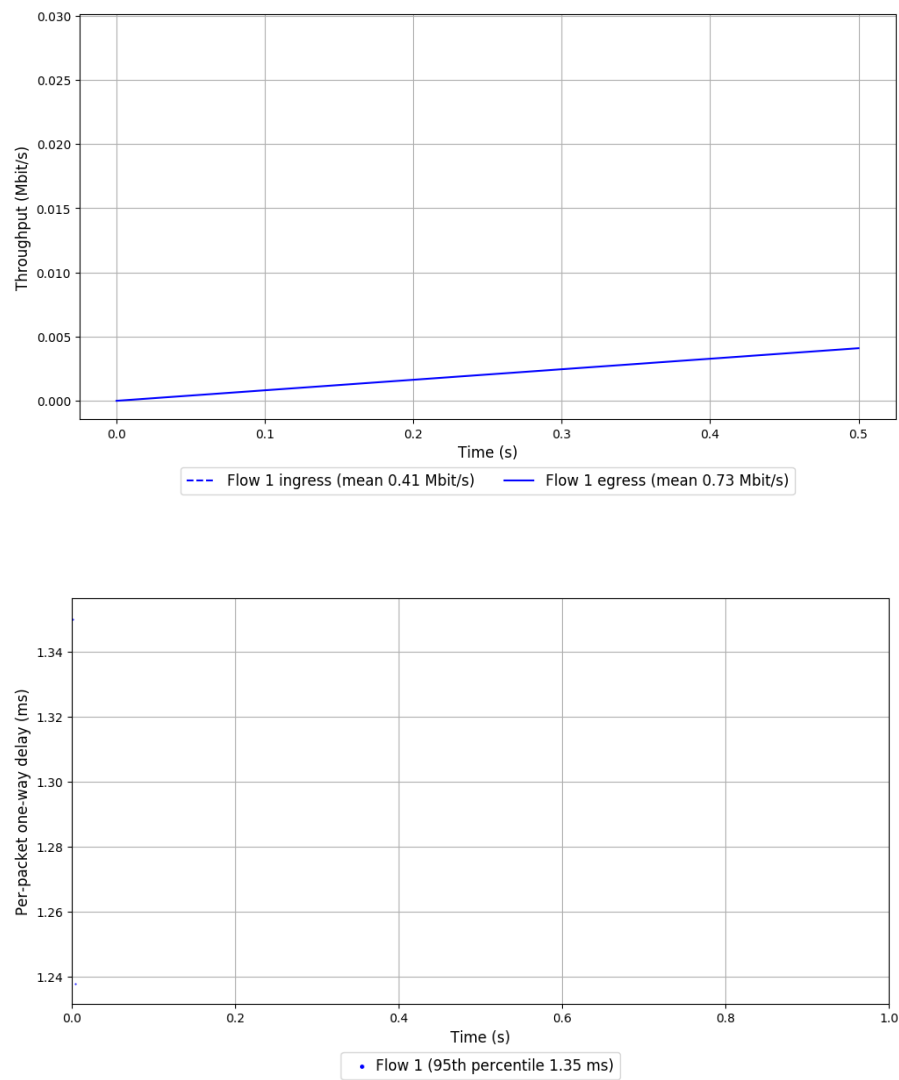
Start at: 2019-03-26 21:04:00

End at: 2019-03-26 21:04:30

Local clock offset: -0.375 ms

Remote clock offset: -0.004 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

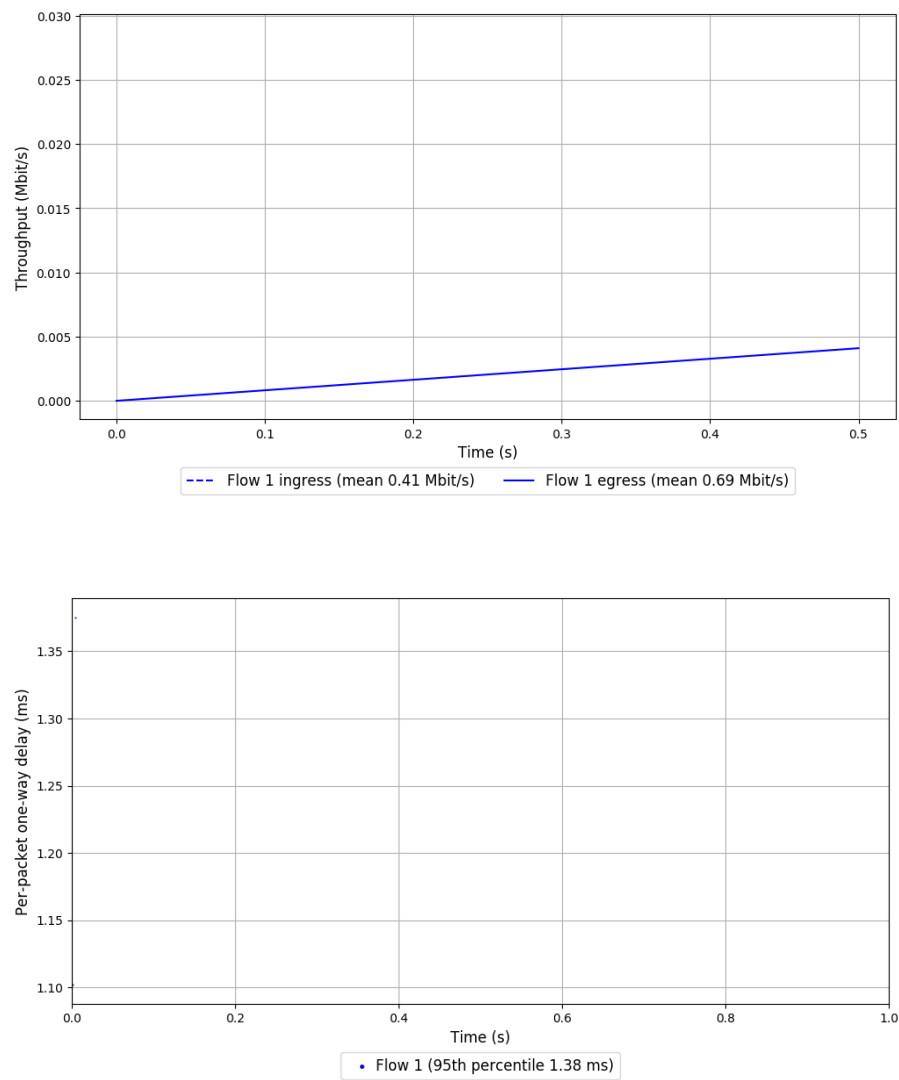
Start at: 2019-03-26 21:32:54

End at: 2019-03-26 21:33:24

Local clock offset: 1.425 ms

Remote clock offset: 0.195 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

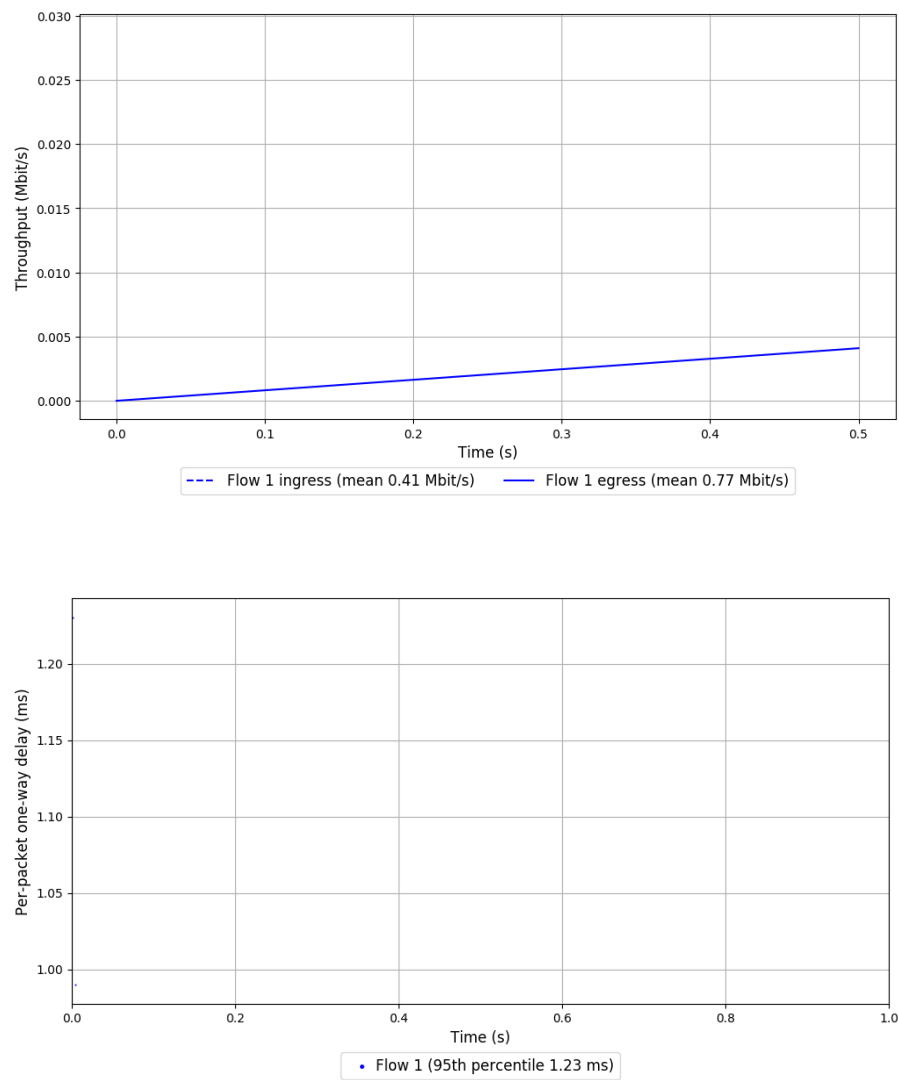
Start at: 2019-03-26 22:00:47

End at: 2019-03-26 22:01:17

Local clock offset: 0.519 ms

Remote clock offset: 0.237 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-03-26 20:33:50

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

Local clock offset: -0.215 ms

Remote clock offset: -0.1 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.82 Mbit/s

95th percentile per-packet one-way delay: 0.931 ms

Loss rate: 0.01%

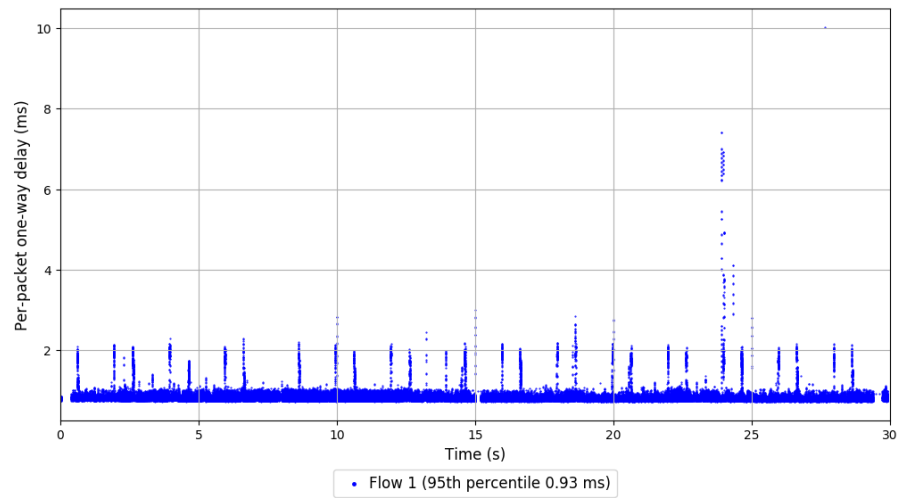
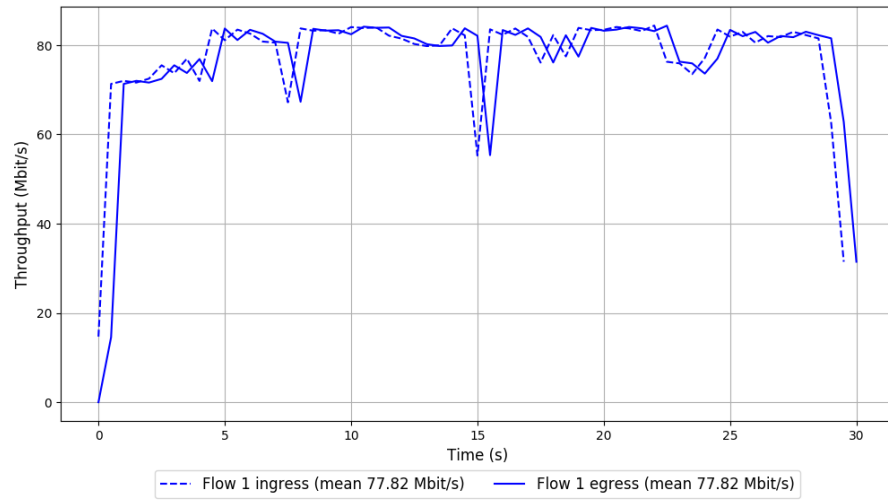
-- Flow 1:

Average throughput: 77.82 Mbit/s

95th percentile per-packet one-way delay: 0.931 ms

Loss rate: 0.01%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-03-26 21:02:44

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

Local clock offset: -0.365 ms

Remote clock offset: -0.119 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.48 Mbit/s

95th percentile per-packet one-way delay: 0.868 ms

Loss rate: 0.00%

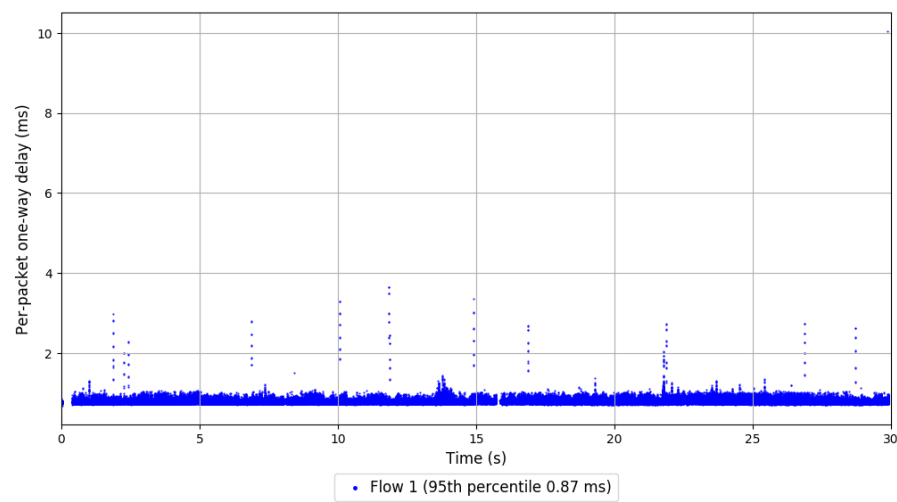
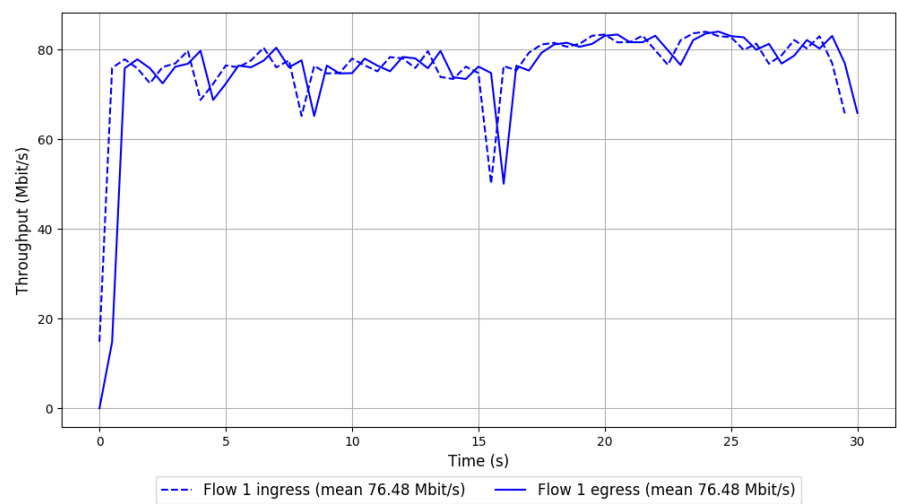
-- Flow 1:

Average throughput: 76.48 Mbit/s

95th percentile per-packet one-way delay: 0.868 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-03-26 21:31:38

End at: 2019-03-26 21:32:08

Local clock offset: 1.369 ms

Remote clock offset: 0.081 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.92 Mbit/s

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

Loss rate: 0.01%

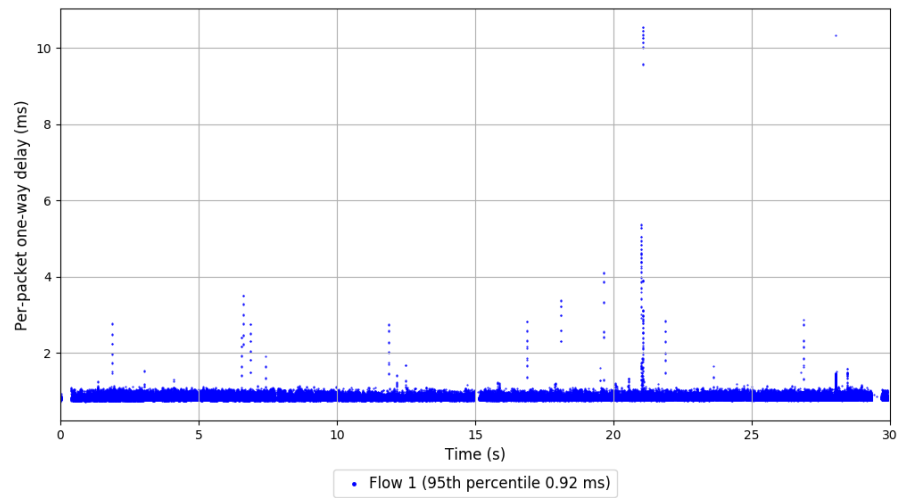
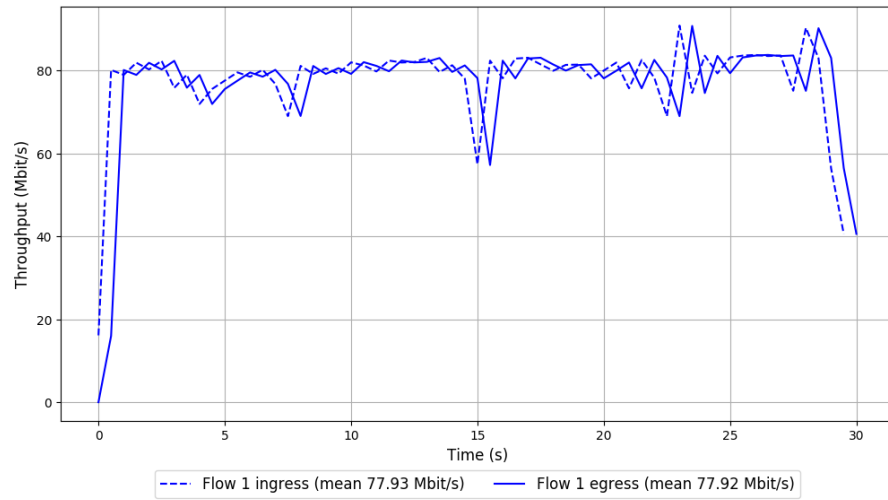
-- Flow 1:

Average throughput: 77.92 Mbit/s

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

Loss rate: 0.01%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

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

End at: 2019-03-26 22:00:01

Local clock offset: 0.566 ms

Remote clock offset: 0.17 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.70 Mbit/s

95th percentile per-packet one-way delay: 0.894 ms

Loss rate: 0.01%

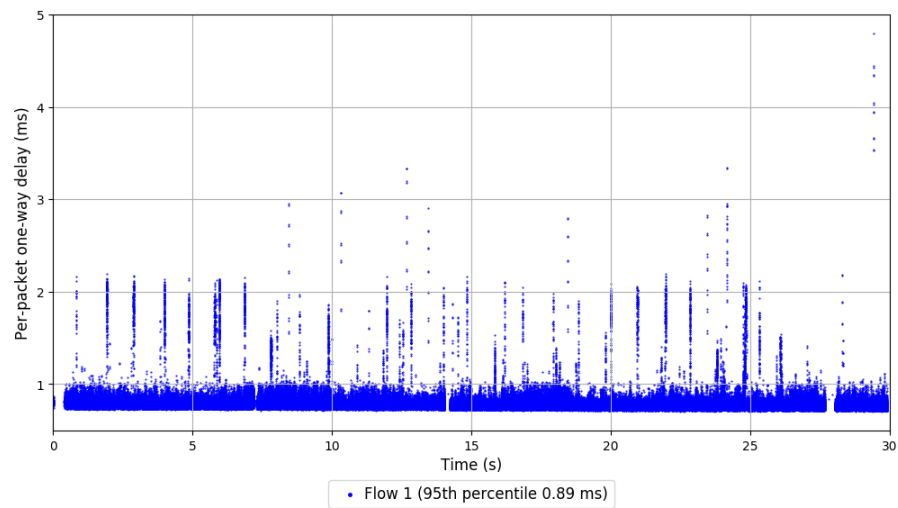
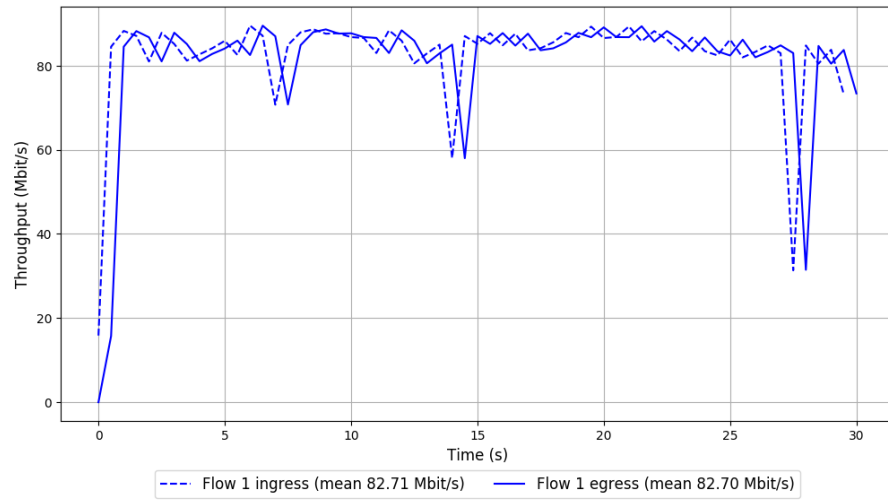
-- Flow 1:

Average throughput: 82.70 Mbit/s

95th percentile per-packet one-way delay: 0.894 ms

Loss rate: 0.01%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-03-26 22:28:19

End at: 2019-03-26 22:28:49

Local clock offset: 0.28 ms

Remote clock offset: 0.228 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.75 Mbit/s

95th percentile per-packet one-way delay: 0.941 ms

Loss rate: 0.01%

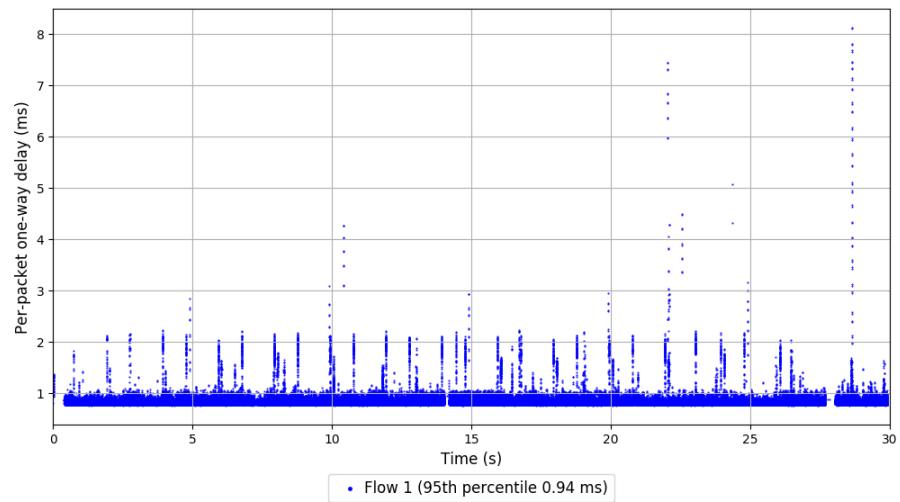
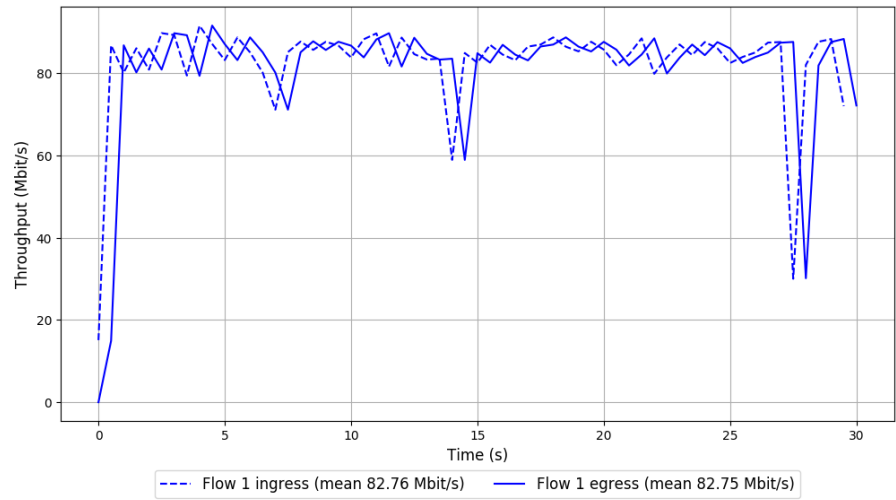
-- Flow 1:

Average throughput: 82.75 Mbit/s

95th percentile per-packet one-way delay: 0.941 ms

Loss rate: 0.01%

Run 5: Report of QUIC Cubic — Data Link

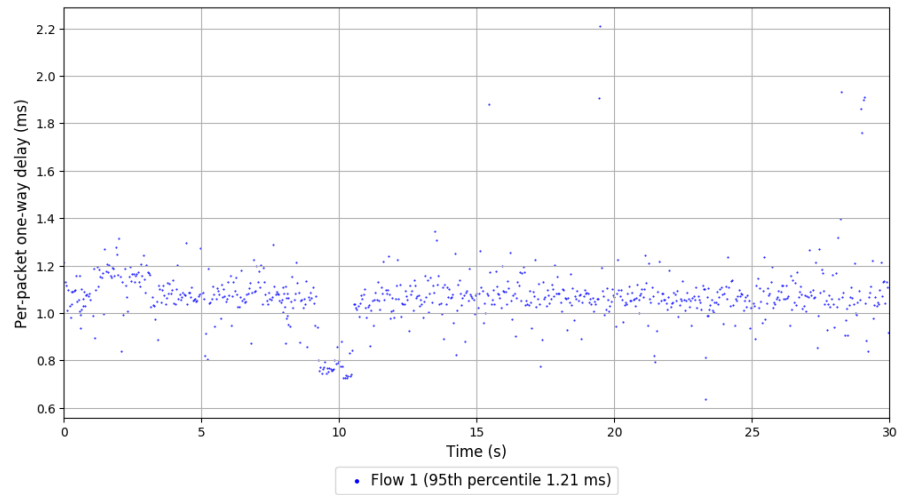
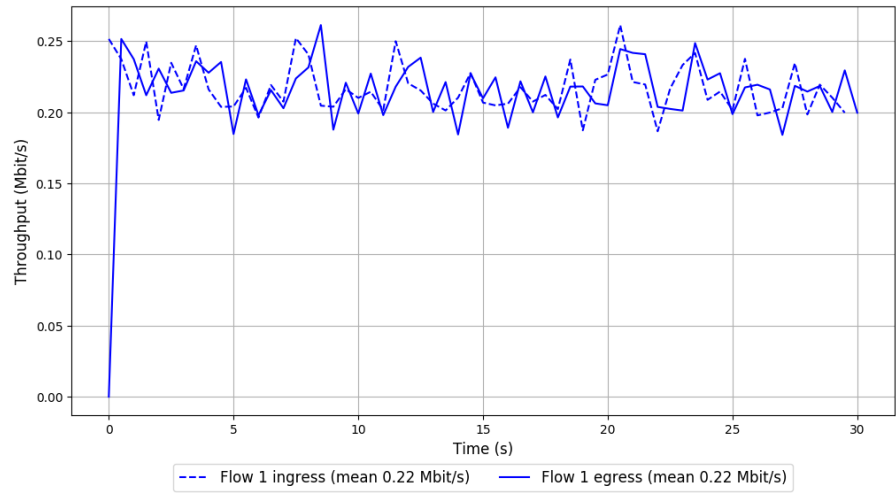


Run 1: Statistics of SCReAM

Start at: 2019-03-26 20:27:05
End at: 2019-03-26 20:27:35
Local clock offset: 0.072 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2019-03-26 23:16:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.214 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.214 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

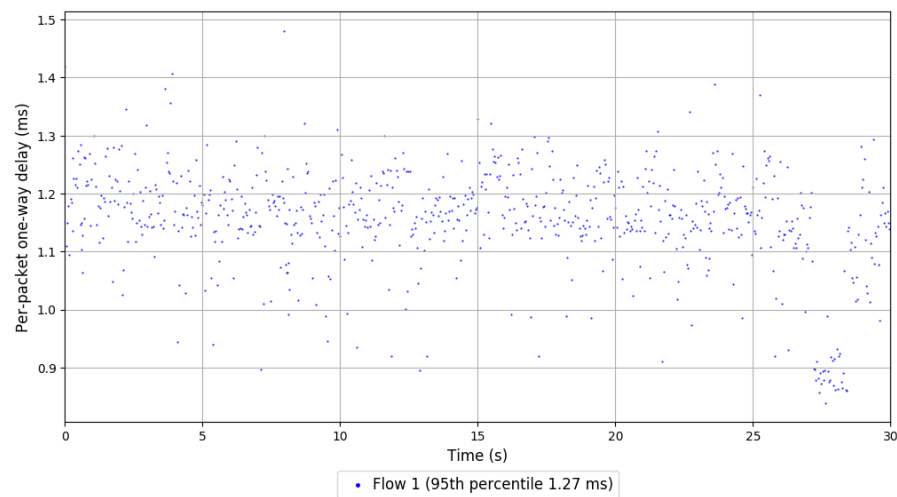
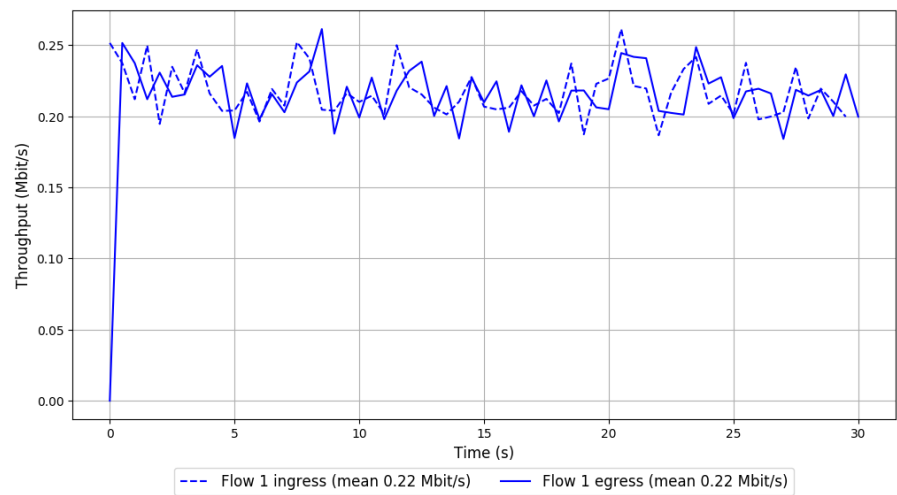


Run 2: Statistics of SCReAM

Start at: 2019-03-26 20:55:47
End at: 2019-03-26 20:56:17
Local clock offset: -0.363 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2019-03-26 23:16:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.273 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.273 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-03-26 21:24:40

End at: 2019-03-26 21:25:10

Local clock offset: 0.831 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.310 ms

Loss rate: 0.00%

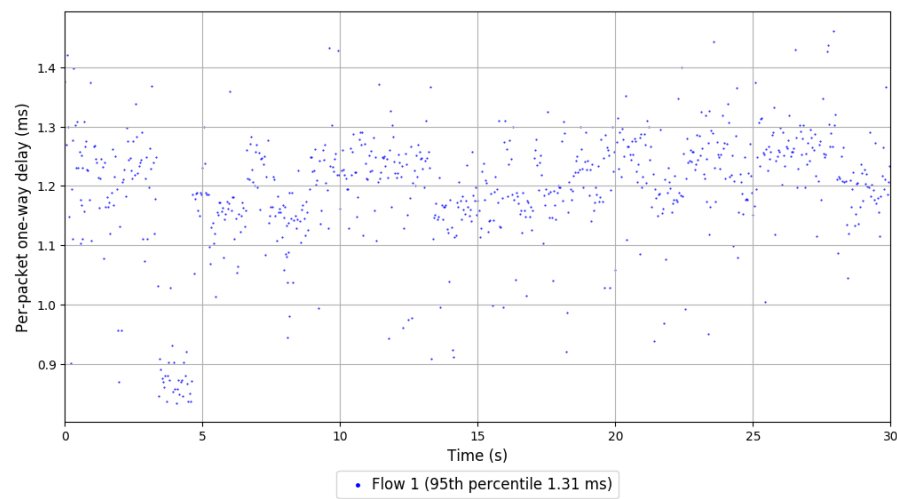
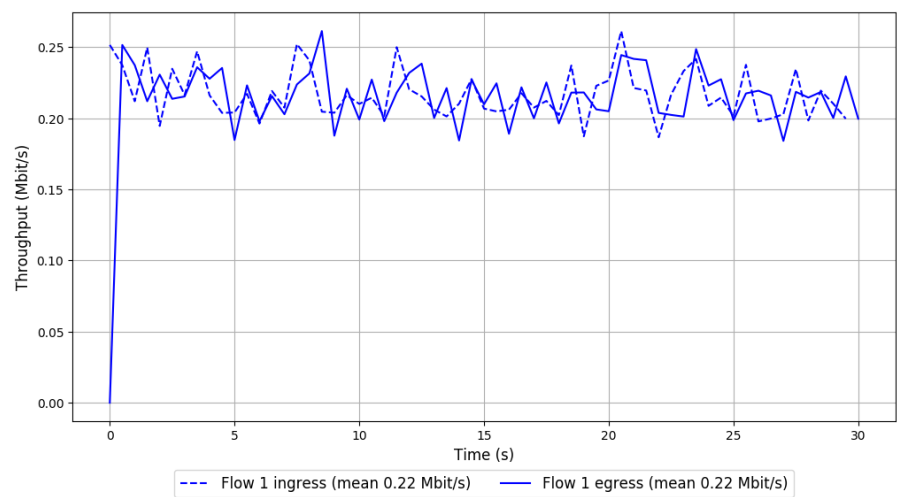
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.310 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-03-26 21:52:41

End at: 2019-03-26 21:53:11

Local clock offset: 1.043 ms

Remote clock offset: 0.189 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.232 ms

Loss rate: 0.00%

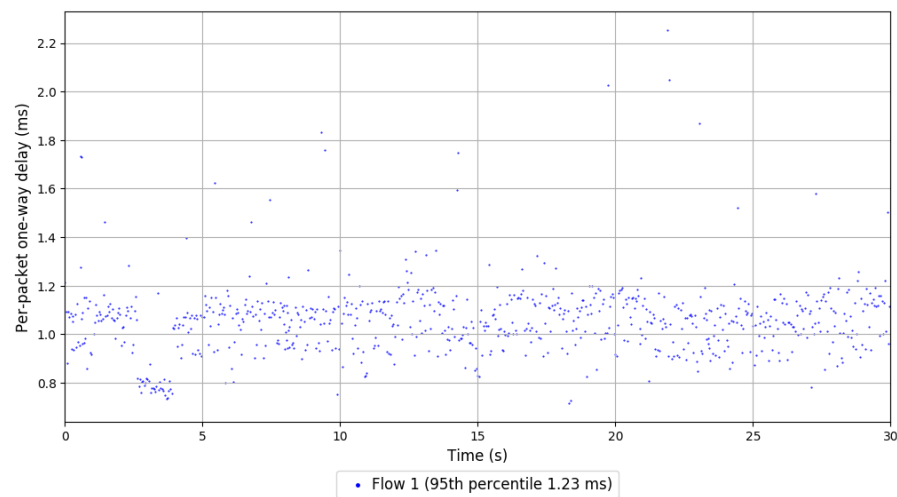
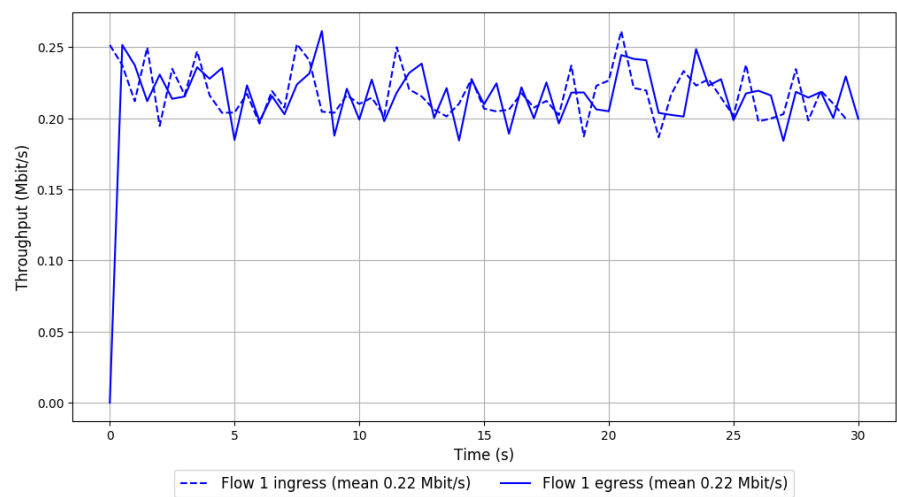
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.232 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-03-26 22:21:25

End at: 2019-03-26 22:21:55

Local clock offset: 0.287 ms

Remote clock offset: 0.285 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.368 ms

Loss rate: 0.00%

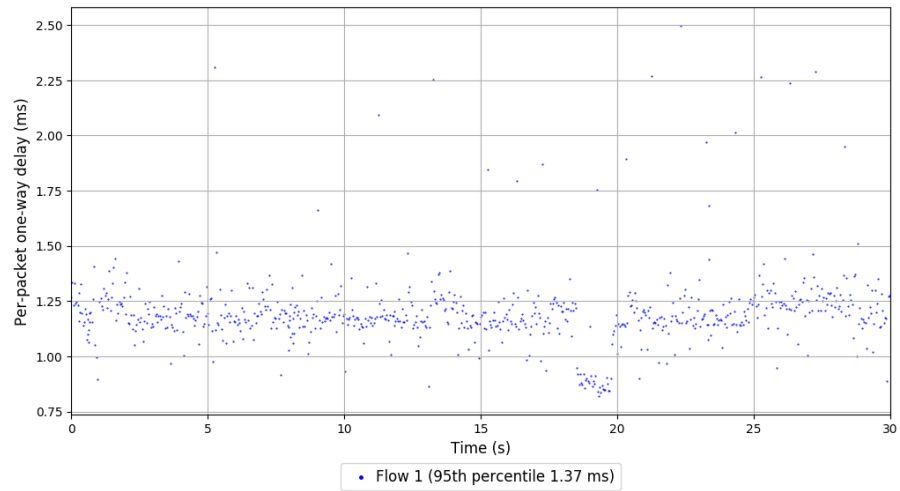
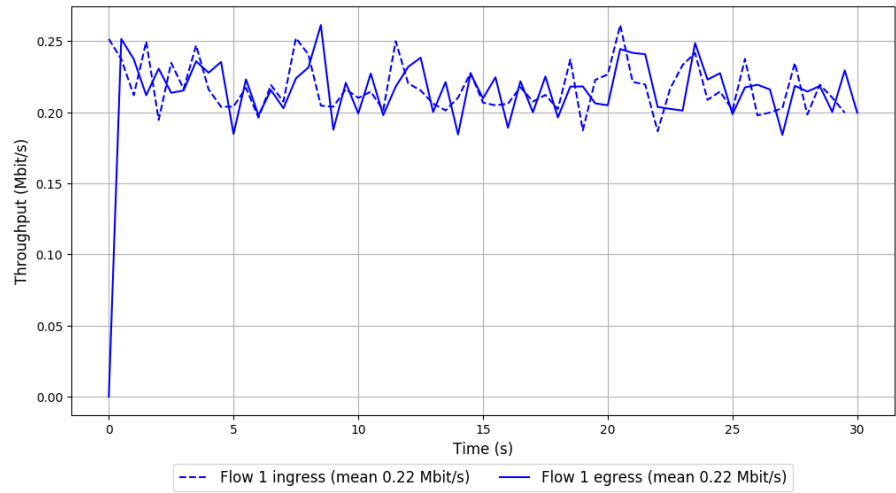
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.368 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

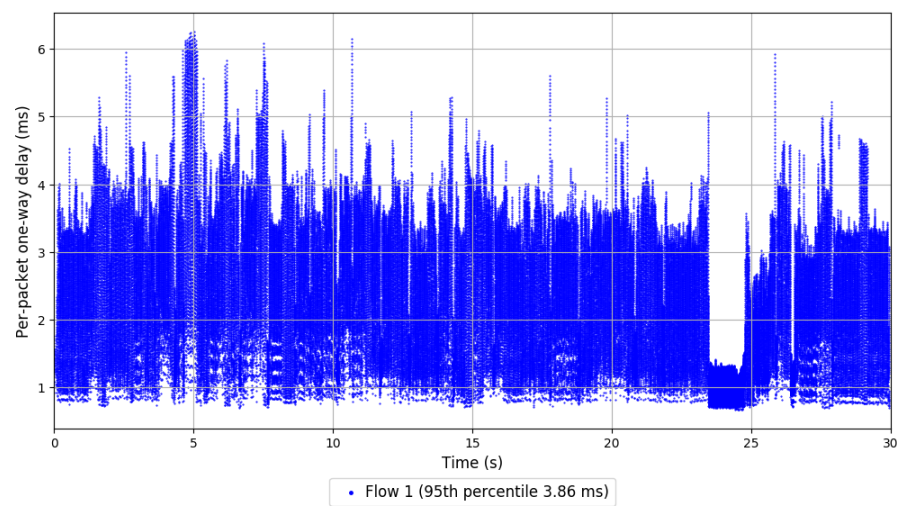
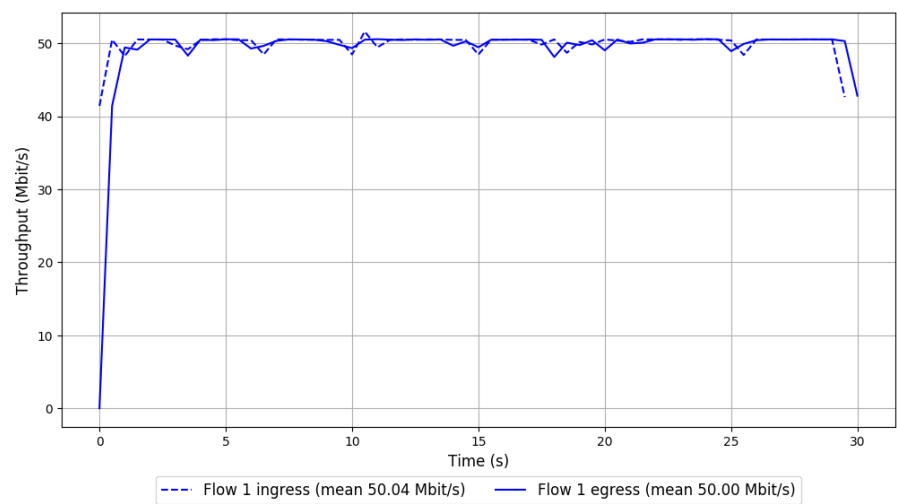


Run 1: Statistics of Sprout

Start at: 2019-03-26 20:25:50
End at: 2019-03-26 20:26:20
Local clock offset: 0.183 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2019-03-26 23:16:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.00 Mbit/s
95th percentile per-packet one-way delay: 3.863 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 50.00 Mbit/s
95th percentile per-packet one-way delay: 3.863 ms
Loss rate: 0.09%

Run 1: Report of Sprout — Data Link

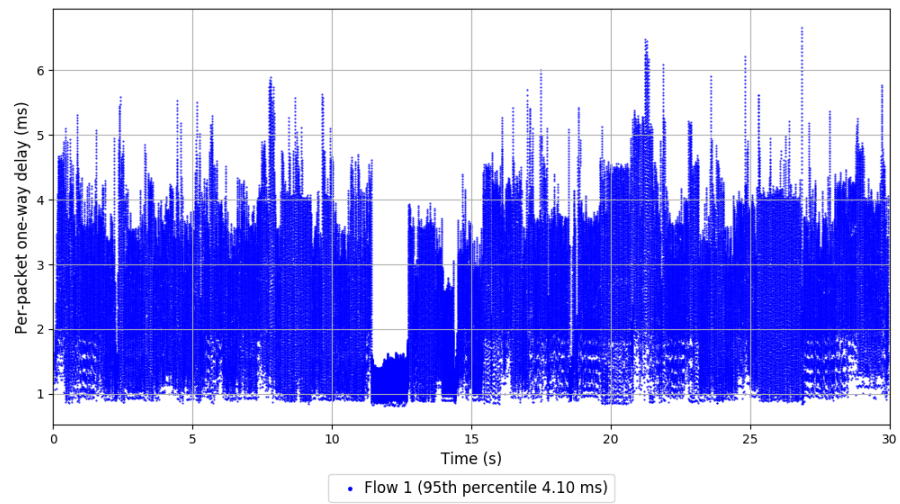
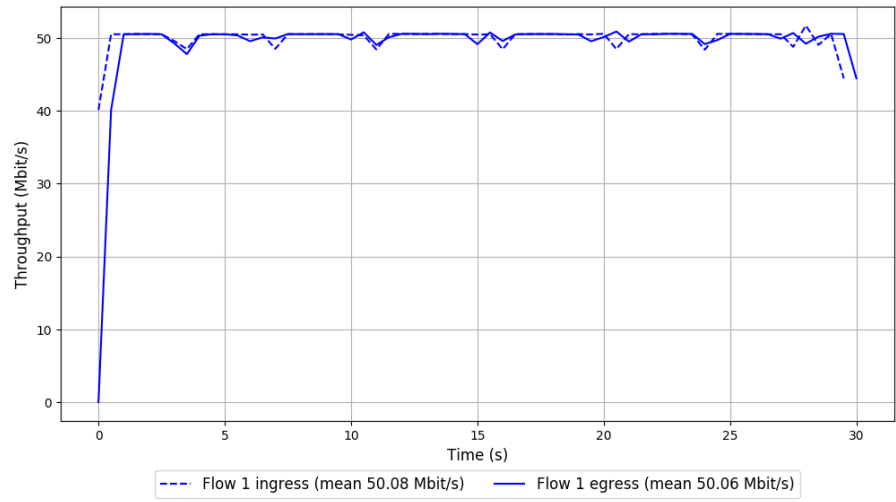


Run 2: Statistics of Sprout

Start at: 2019-03-26 20:54:32
End at: 2019-03-26 20:55:02
Local clock offset: -0.342 ms
Remote clock offset: 0.002 ms

Below is generated by plot.py at 2019-03-26 23:16:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.06 Mbit/s
95th percentile per-packet one-way delay: 4.103 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 50.06 Mbit/s
95th percentile per-packet one-way delay: 4.103 ms
Loss rate: 0.04%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

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

End at: 2019-03-26 21:23:56

Local clock offset: 0.714 ms

Remote clock offset: 0.074 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.00 Mbit/s

95th percentile per-packet one-way delay: 4.646 ms

Loss rate: 0.07%

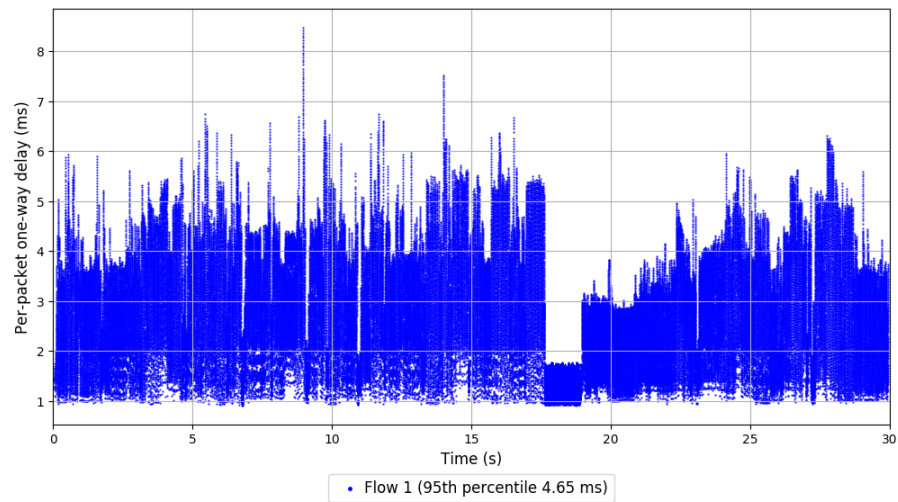
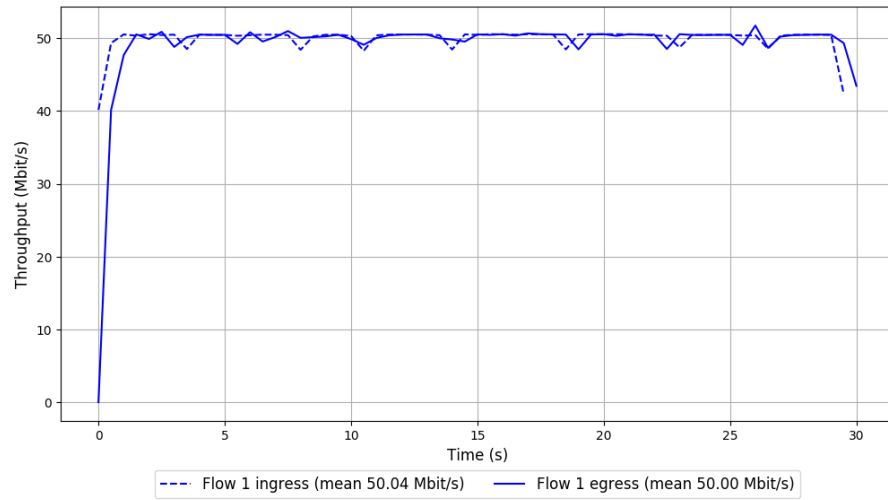
-- Flow 1:

Average throughput: 50.00 Mbit/s

95th percentile per-packet one-way delay: 4.646 ms

Loss rate: 0.07%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-03-26 21:51:27

End at: 2019-03-26 21:51:57

Local clock offset: 1.141 ms

Remote clock offset: 0.205 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.01 Mbit/s

95th percentile per-packet one-way delay: 4.029 ms

Loss rate: 0.02%

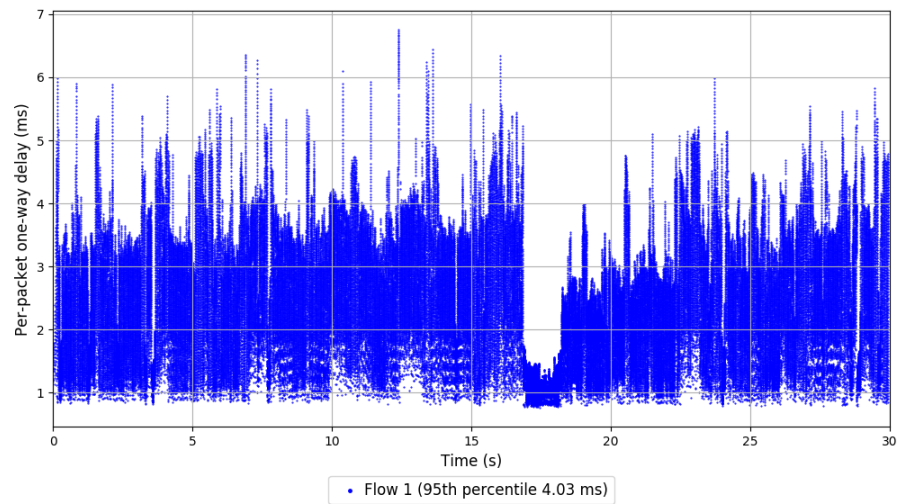
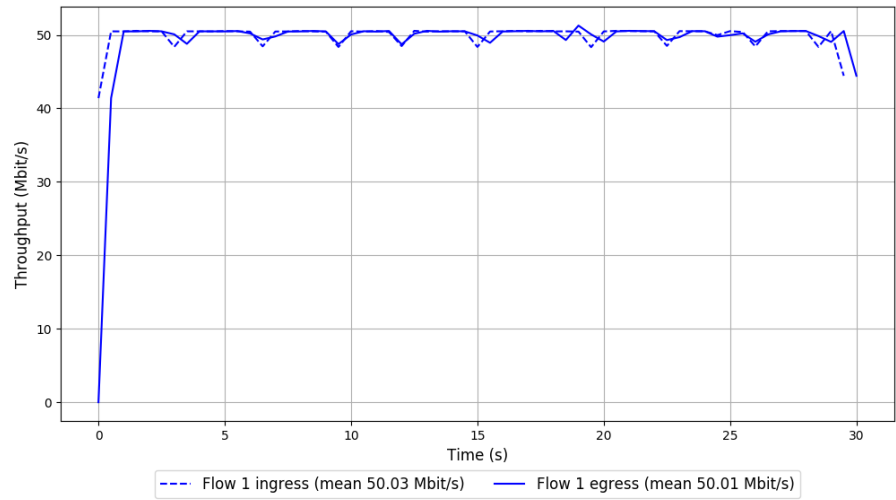
-- Flow 1:

Average throughput: 50.01 Mbit/s

95th percentile per-packet one-way delay: 4.029 ms

Loss rate: 0.02%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-03-26 22:20:11

End at: 2019-03-26 22:20:41

Local clock offset: 0.303 ms

Remote clock offset: 0.232 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.22 Mbit/s

95th percentile per-packet one-way delay: 4.214 ms

Loss rate: 0.81%

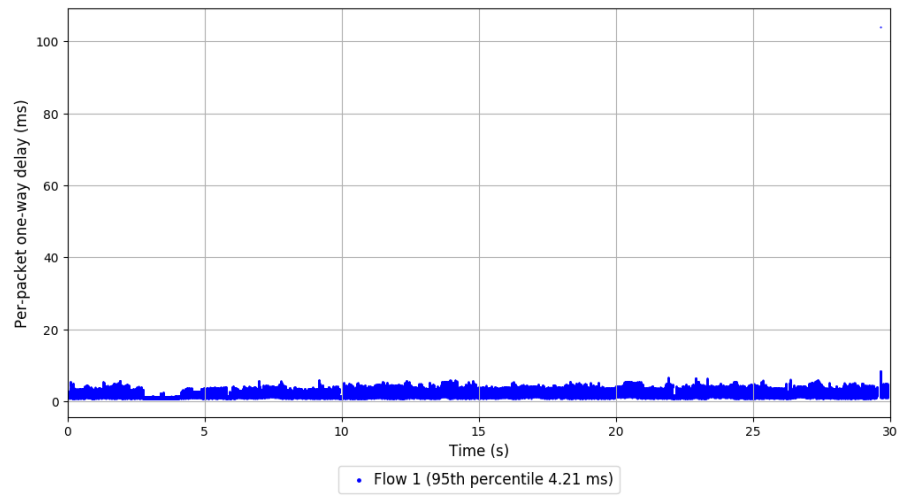
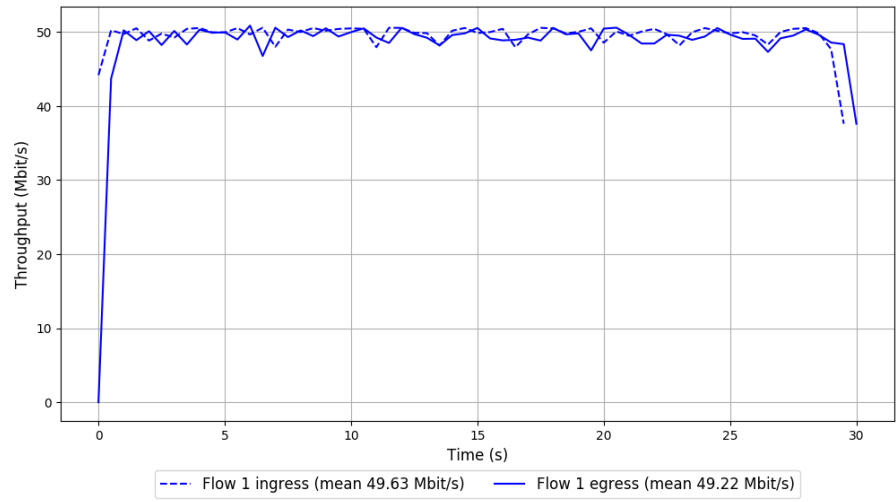
-- Flow 1:

Average throughput: 49.22 Mbit/s

95th percentile per-packet one-way delay: 4.214 ms

Loss rate: 0.81%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

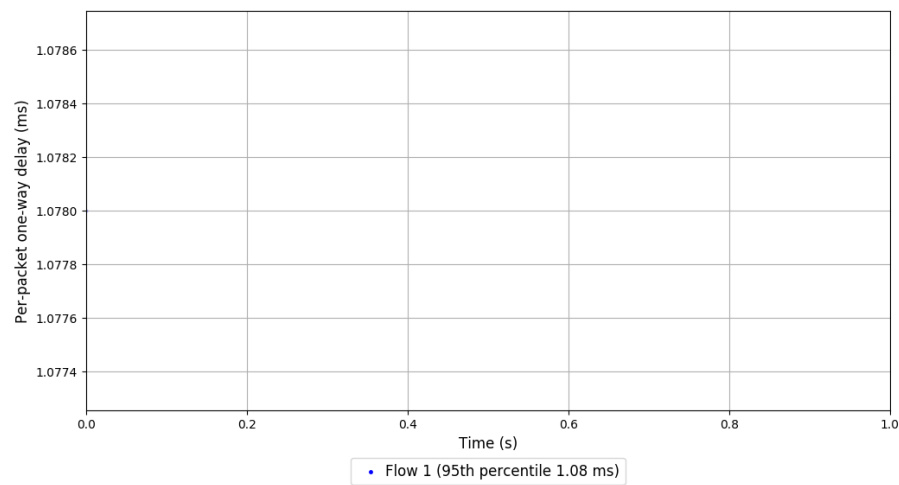
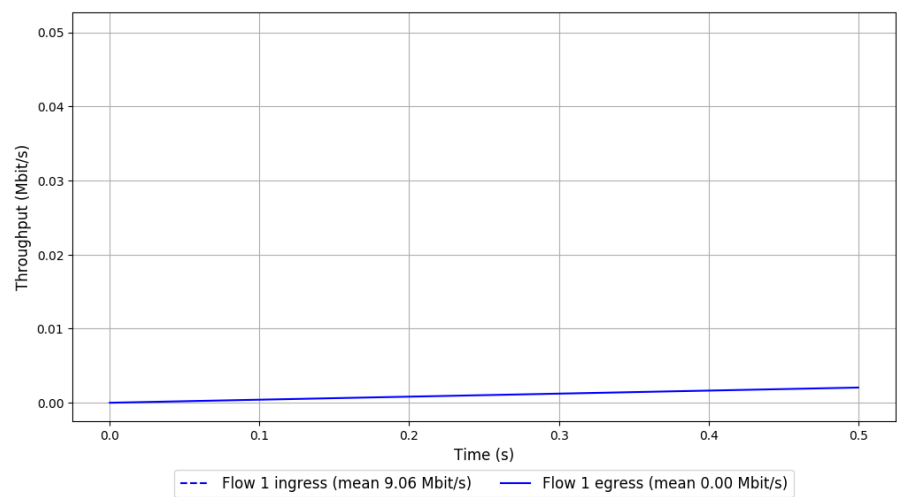
Start at: 2019-03-26 20:17:48

End at: 2019-03-26 20:18:18

Local clock offset: 1.293 ms

Remote clock offset: -0.087 ms

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



Run 2: Statistics of TaoVA-100x

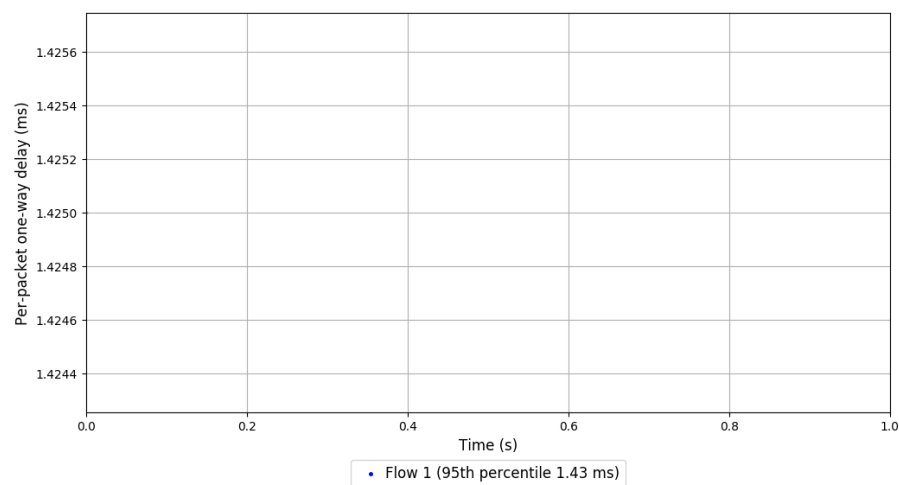
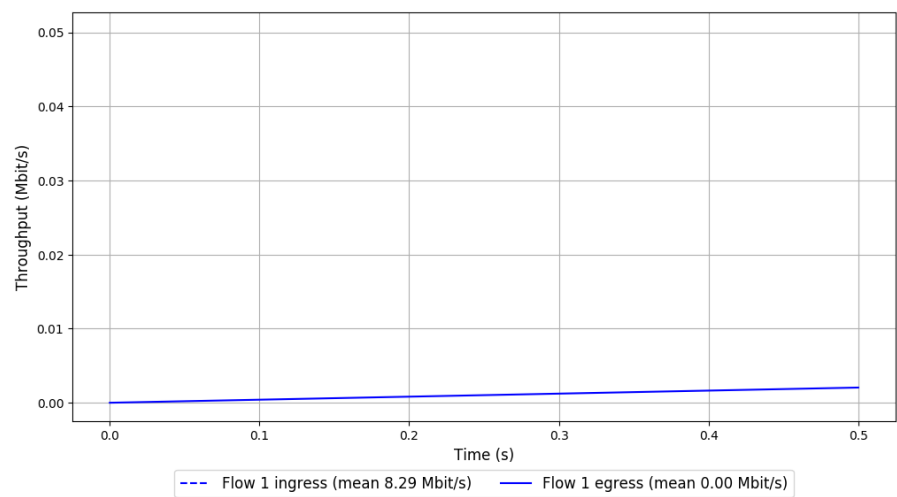
Start at: 2019-03-26 20:46:28

End at: 2019-03-26 20:46:58

Local clock offset: -0.368 ms

Remote clock offset: -0.059 ms

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



Run 3: Statistics of TaoVA-100x

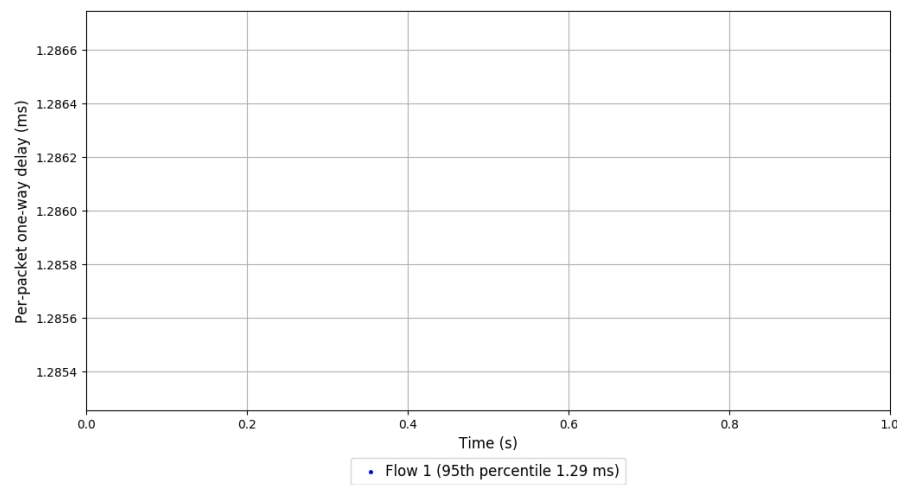
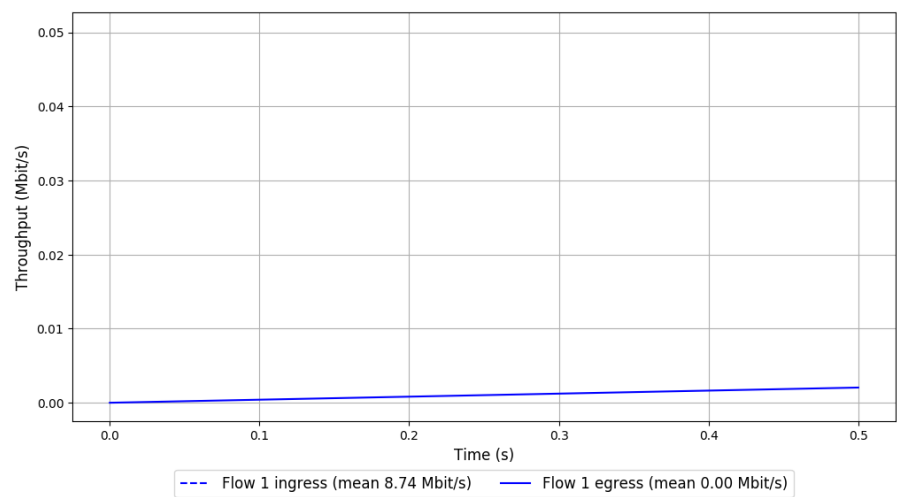
Start at: 2019-03-26 21:15:17

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

Local clock offset: -0.42 ms

Remote clock offset: -0.057 ms

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



Run 4: Statistics of TaoVA-100x

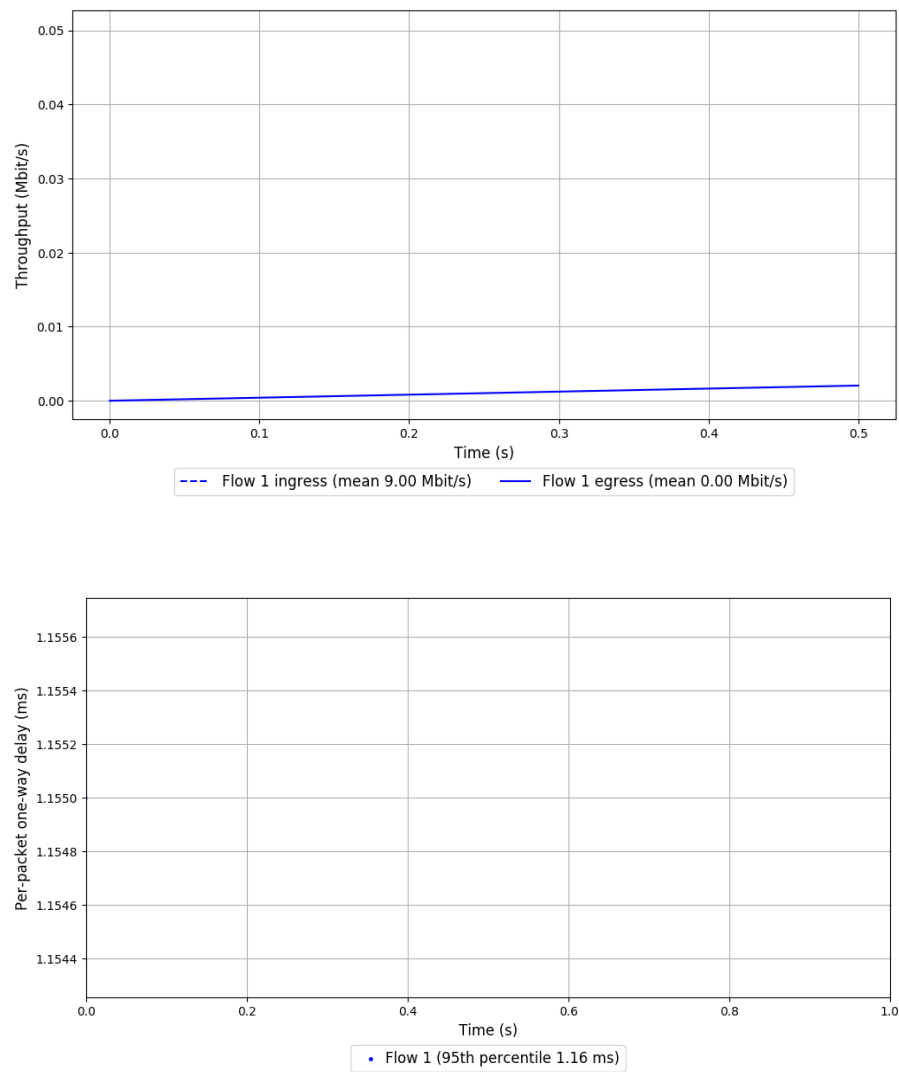
Start at: 2019-03-26 21:43:42

End at: 2019-03-26 21:44:12

Local clock offset: 1.877 ms

Remote clock offset: 0.155 ms

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



Run 5: Statistics of TaoVA-100x

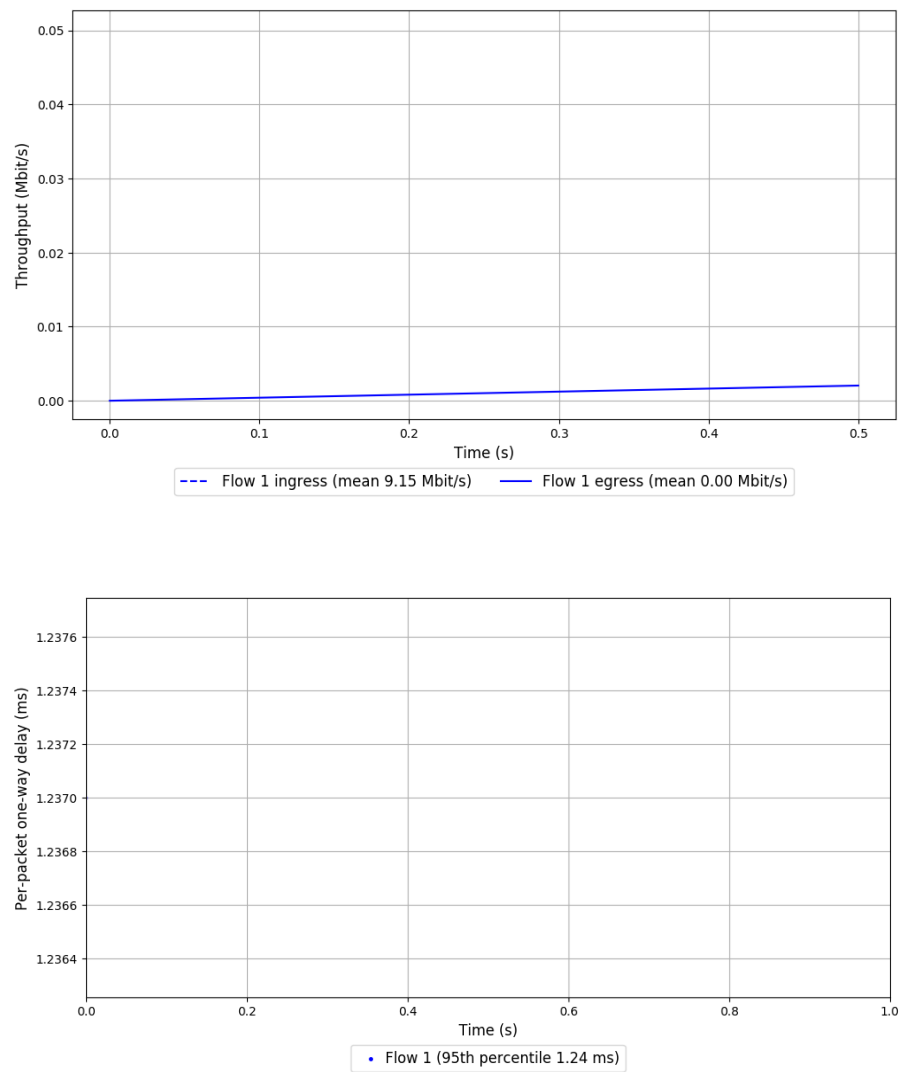
Start at: 2019-03-26 22:12:09

End at: 2019-03-26 22:12:39

Local clock offset: 0.345 ms

Remote clock offset: 0.263 ms

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

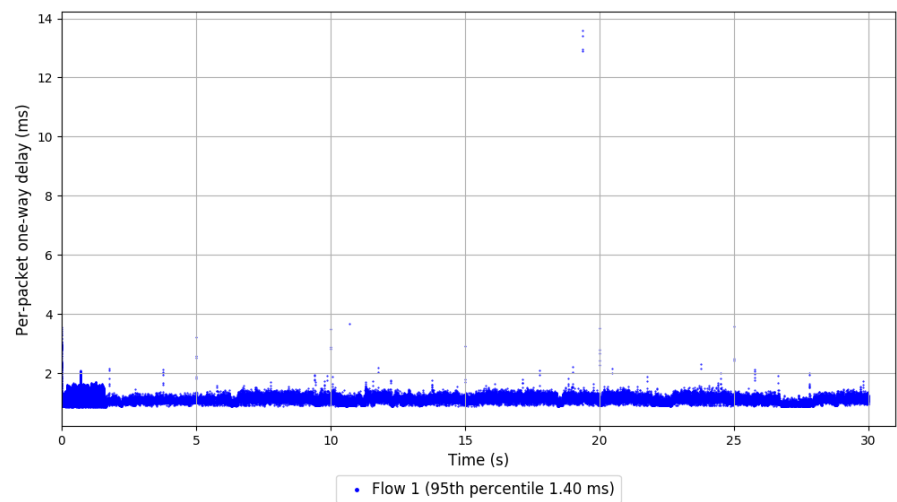
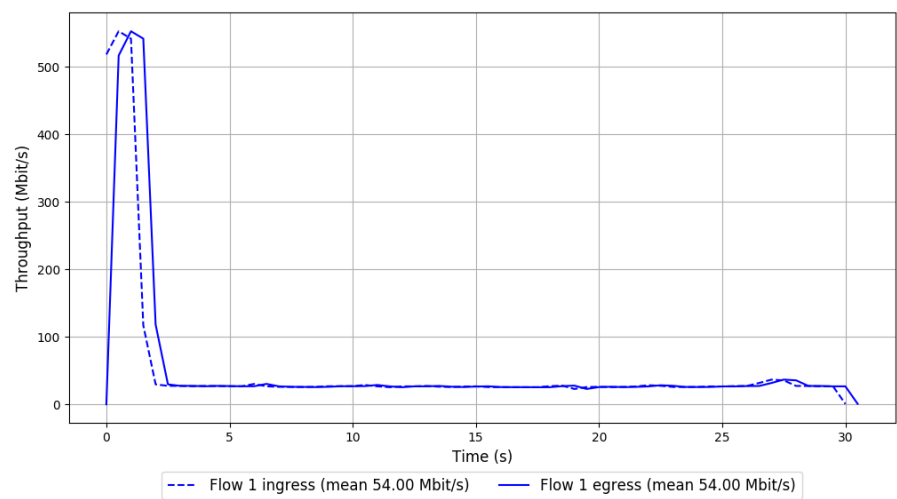


Run 1: Statistics of TCP Vegas

Start at: 2019-03-26 20:07:47
End at: 2019-03-26 20:08:17
Local clock offset: 1.402 ms
Remote clock offset: -0.222 ms

Below is generated by plot.py at 2019-03-26 23:16:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.00 Mbit/s
95th percentile per-packet one-way delay: 1.402 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 54.00 Mbit/s
95th percentile per-packet one-way delay: 1.402 ms
Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link

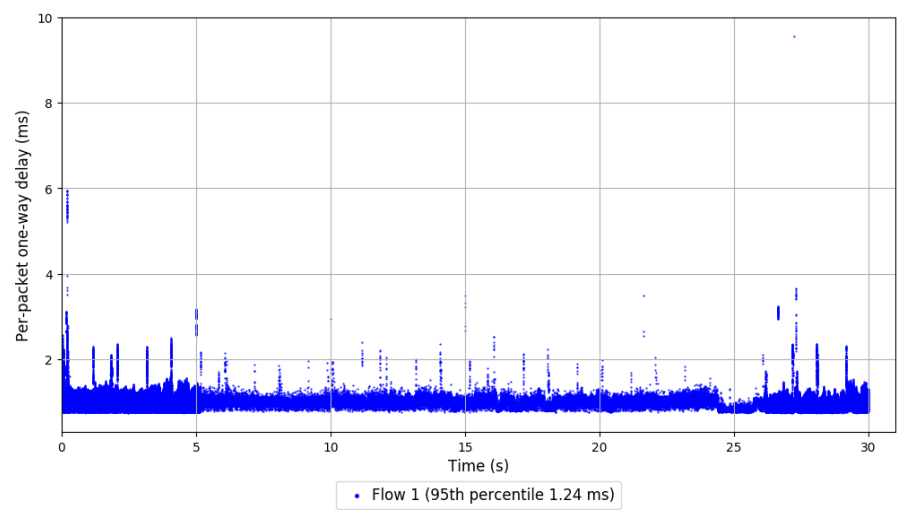
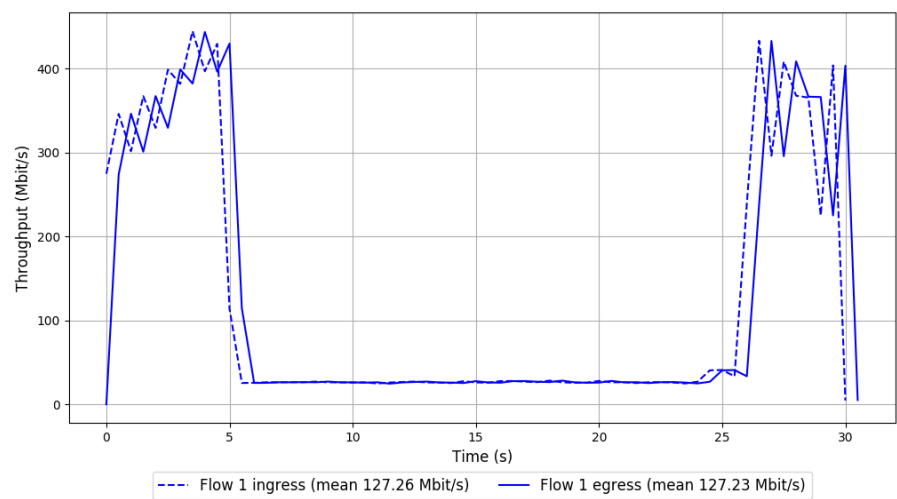


Run 2: Statistics of TCP Vegas

Start at: 2019-03-26 20:36:19
End at: 2019-03-26 20:36:49
Local clock offset: -0.282 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2019-03-26 23:16:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 127.23 Mbit/s
95th percentile per-packet one-way delay: 1.243 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 127.23 Mbit/s
95th percentile per-packet one-way delay: 1.243 ms
Loss rate: 0.03%

Run 2: Report of TCP Vegas — Data Link

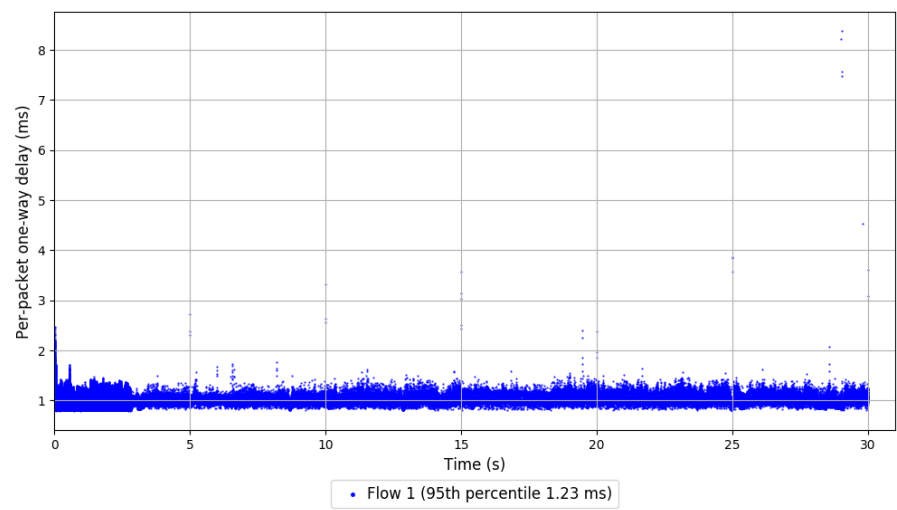
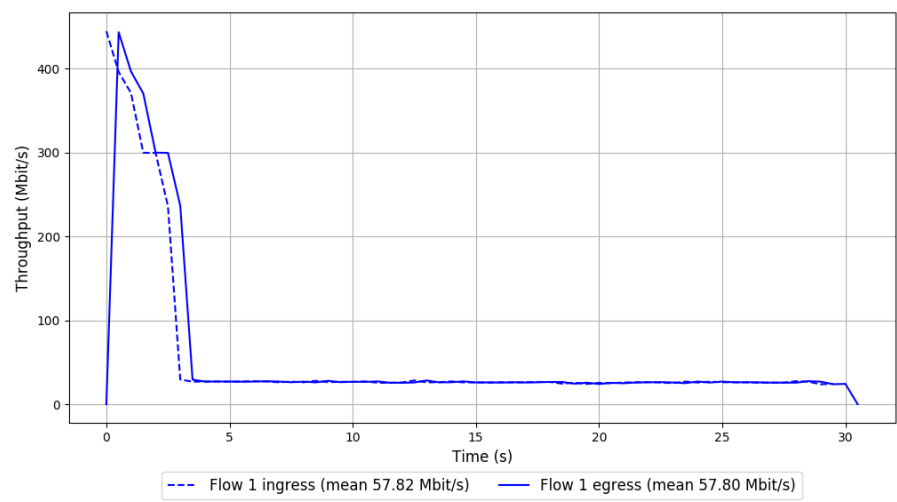


Run 3: Statistics of TCP Vegas

Start at: 2019-03-26 21:05:13
End at: 2019-03-26 21:05:43
Local clock offset: -0.376 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2019-03-26 23:16:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 1.229 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 1.229 ms
Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-03-26 21:34:07

End at: 2019-03-26 21:34:37

Local clock offset: 1.48 ms

Remote clock offset: 0.131 ms

Below is generated by plot.py at 2019-03-26 23:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.30 Mbit/s

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

Loss rate: 0.01%

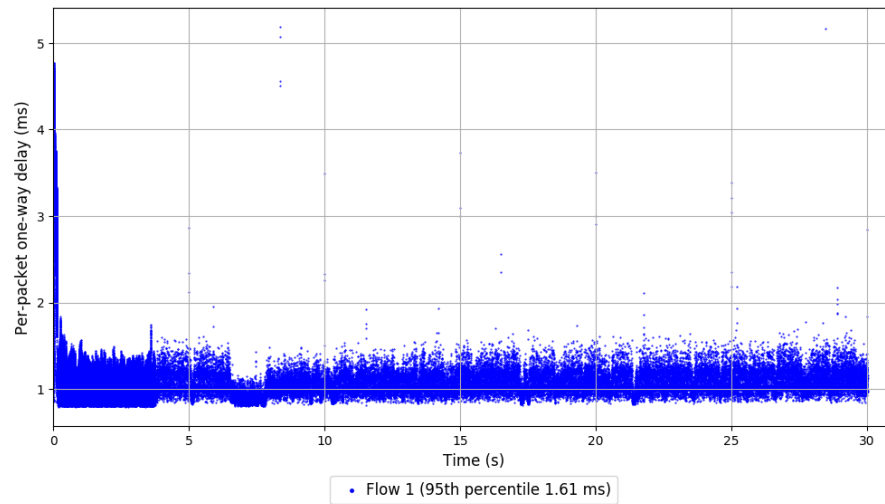
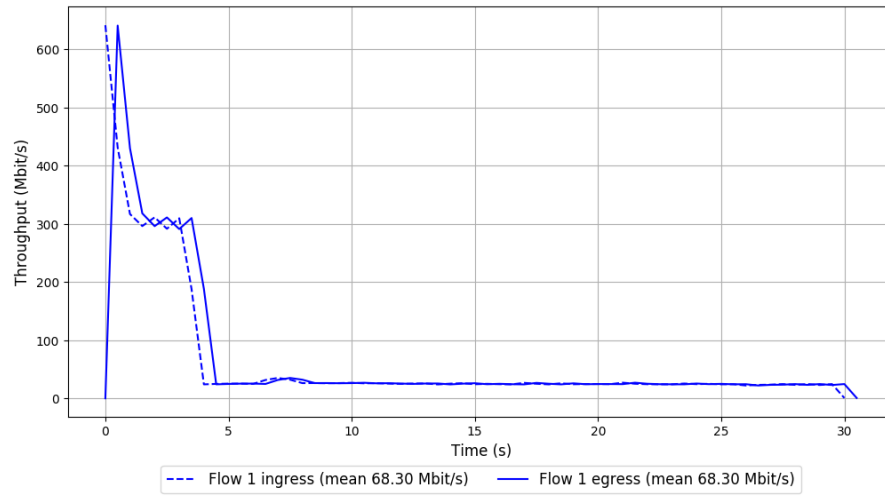
-- Flow 1:

Average throughput: 68.30 Mbit/s

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

Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-03-26 22:02:00

End at: 2019-03-26 22:02:30

Local clock offset: 0.47 ms

Remote clock offset: 0.258 ms

Below is generated by plot.py at 2019-03-26 23:17:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 317.51 Mbit/s

95th percentile per-packet one-way delay: 1.322 ms

Loss rate: 0.03%

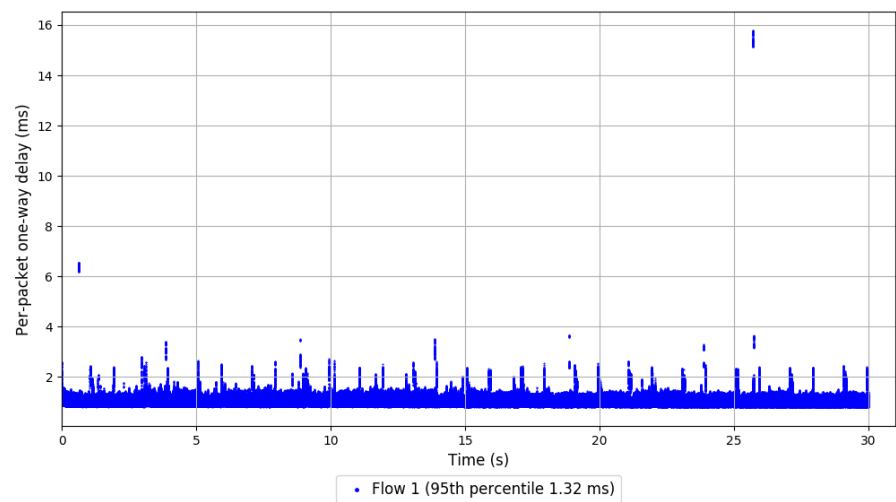
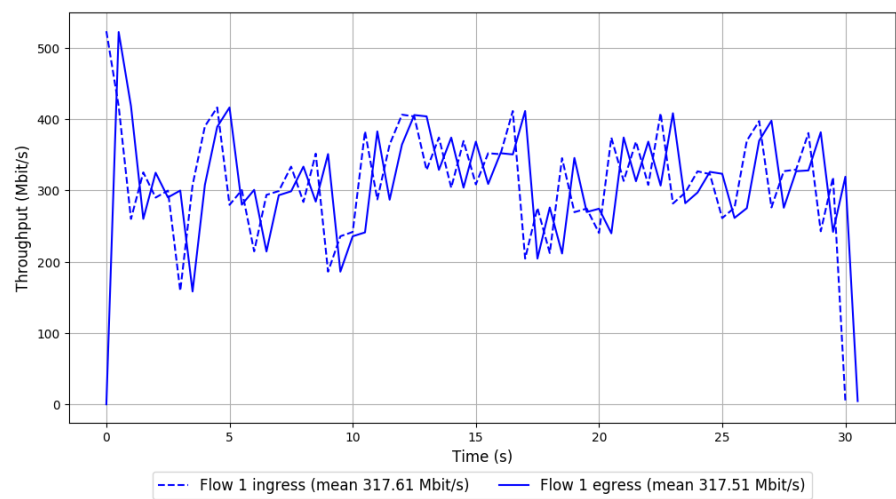
-- Flow 1:

Average throughput: 317.51 Mbit/s

95th percentile per-packet one-way delay: 1.322 ms

Loss rate: 0.03%

Run 5: Report of TCP Vegas — Data Link

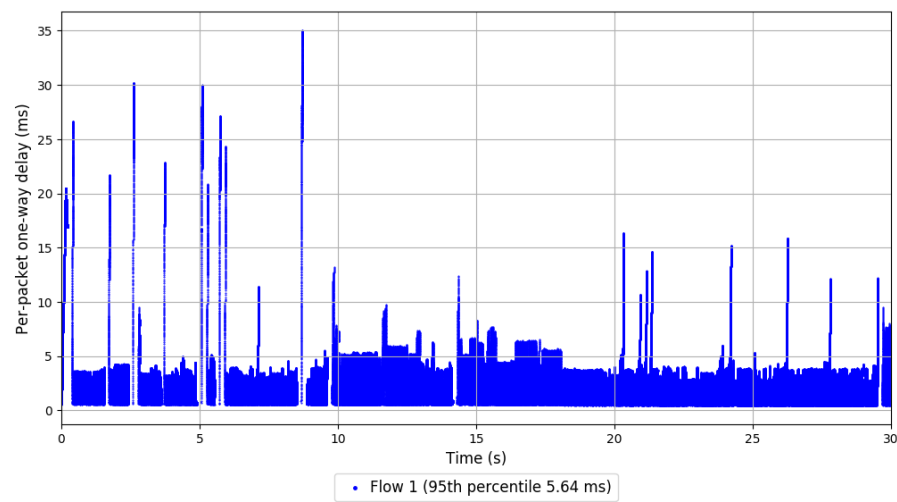
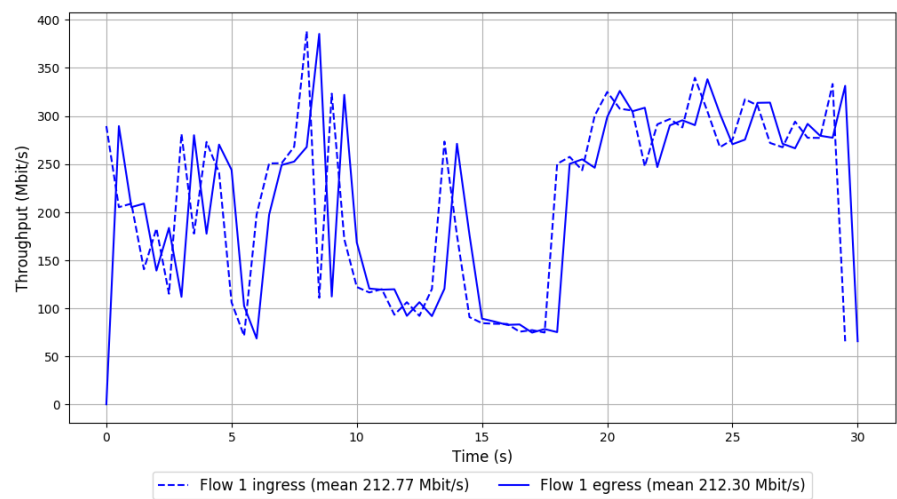


Run 1: Statistics of Verus

Start at: 2019-03-26 20:16:26
End at: 2019-03-26 20:16:56
Local clock offset: 1.618 ms
Remote clock offset: -0.231 ms

Below is generated by plot.py at 2019-03-26 23:17:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 212.30 Mbit/s
95th percentile per-packet one-way delay: 5.642 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 212.30 Mbit/s
95th percentile per-packet one-way delay: 5.642 ms
Loss rate: 0.22%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

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

End at: 2019-03-26 20:45:34

Local clock offset: -0.375 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2019-03-26 23:17:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 243.16 Mbit/s

95th percentile per-packet one-way delay: 4.920 ms

Loss rate: 1.36%

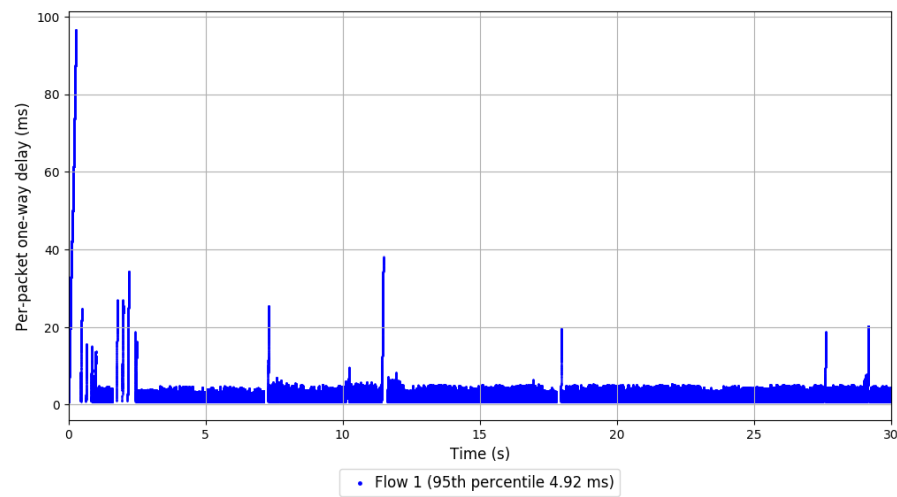
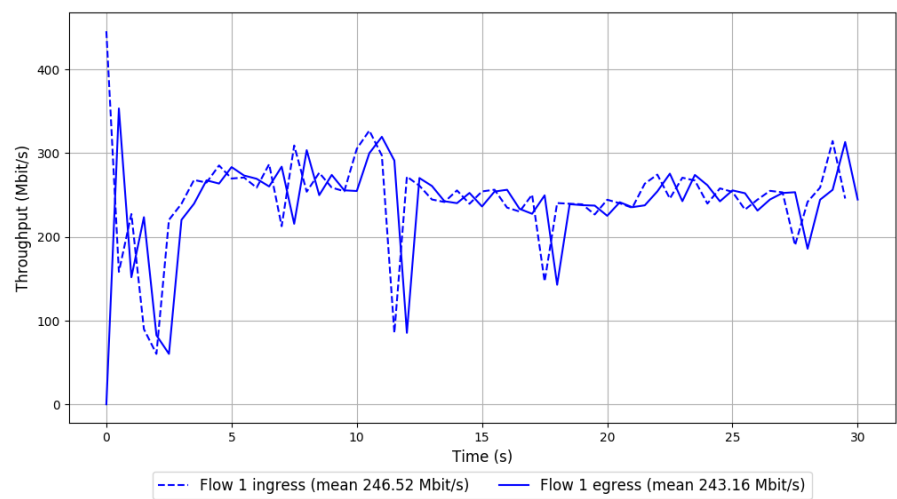
-- Flow 1:

Average throughput: 243.16 Mbit/s

95th percentile per-packet one-way delay: 4.920 ms

Loss rate: 1.36%

Run 2: Report of Verus — Data Link

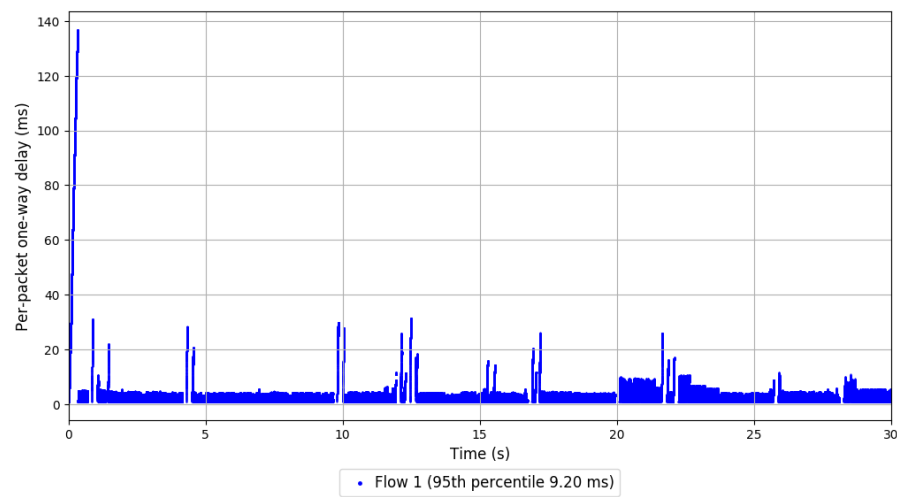
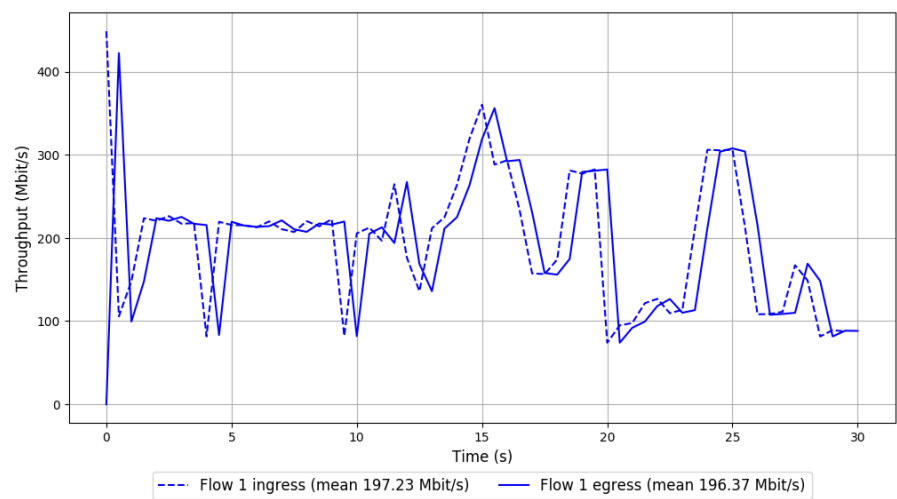


Run 3: Statistics of Verus

Start at: 2019-03-26 21:13:55
End at: 2019-03-26 21:14:25
Local clock offset: -0.422 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2019-03-26 23:17:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 196.37 Mbit/s
95th percentile per-packet one-way delay: 9.196 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 196.37 Mbit/s
95th percentile per-packet one-way delay: 9.196 ms
Loss rate: 0.44%

Run 3: Report of Verus — Data Link

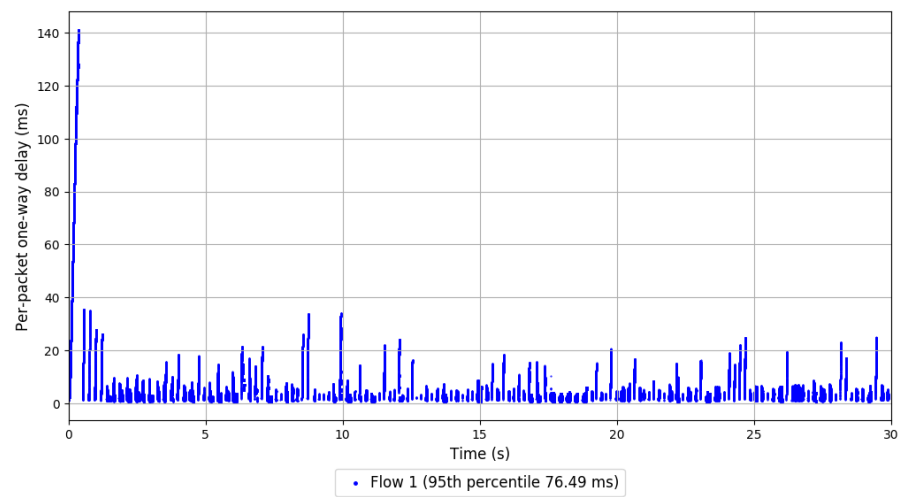
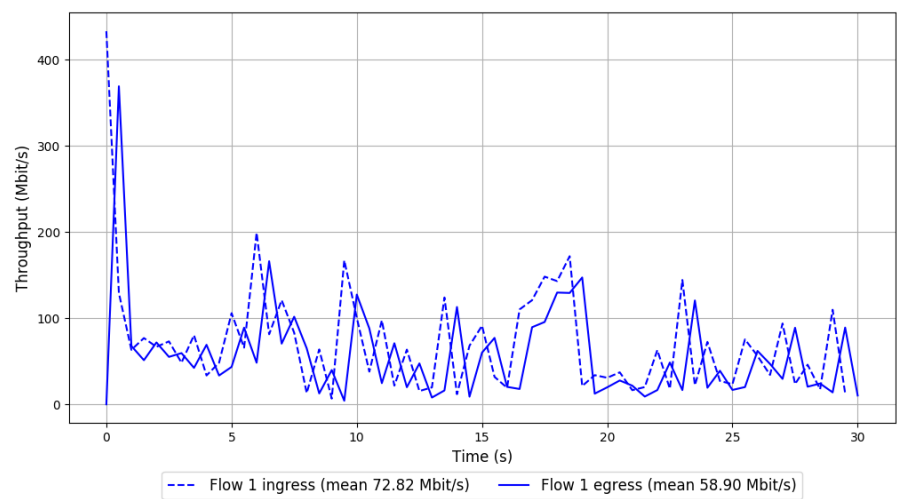


Run 4: Statistics of Verus

Start at: 2019-03-26 21:42:26
End at: 2019-03-26 21:42:56
Local clock offset: 1.827 ms
Remote clock offset: -0.096 ms

Below is generated by plot.py at 2019-03-26 23:17:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.90 Mbit/s
95th percentile per-packet one-way delay: 76.494 ms
Loss rate: 19.10%
-- Flow 1:
Average throughput: 58.90 Mbit/s
95th percentile per-packet one-way delay: 76.494 ms
Loss rate: 19.10%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-03-26 22:10:49

End at: 2019-03-26 22:11:19

Local clock offset: 0.344 ms

Remote clock offset: 0.312 ms

Below is generated by plot.py at 2019-03-26 23:17:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 167.05 Mbit/s

95th percentile per-packet one-way delay: 11.231 ms

Loss rate: 0.81%

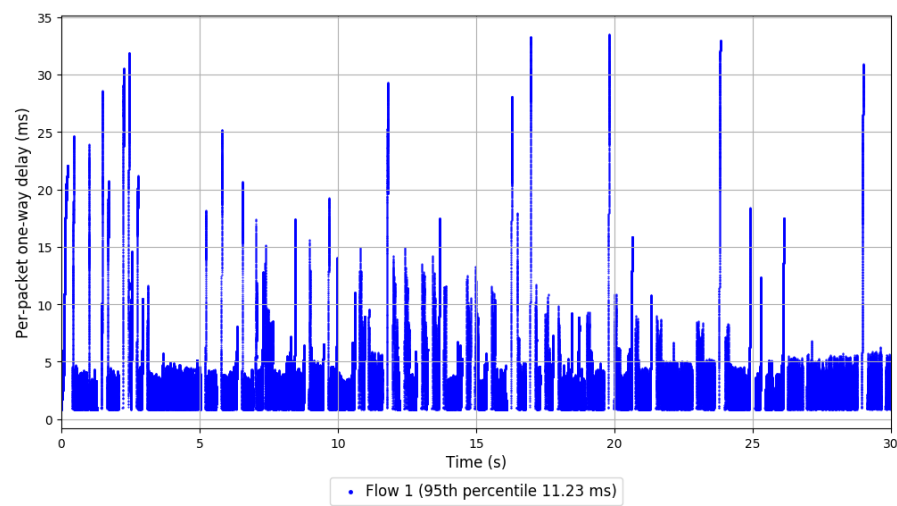
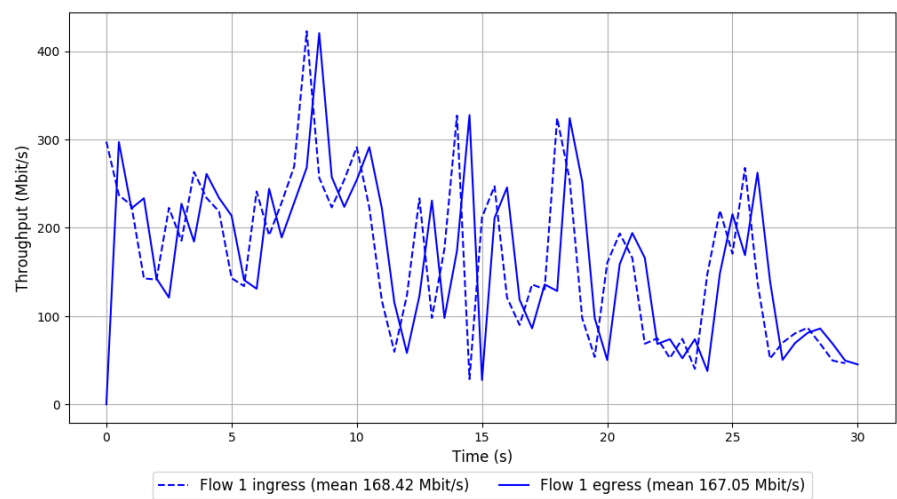
-- Flow 1:

Average throughput: 167.05 Mbit/s

95th percentile per-packet one-way delay: 11.231 ms

Loss rate: 0.81%

Run 5: Report of Verus — Data Link

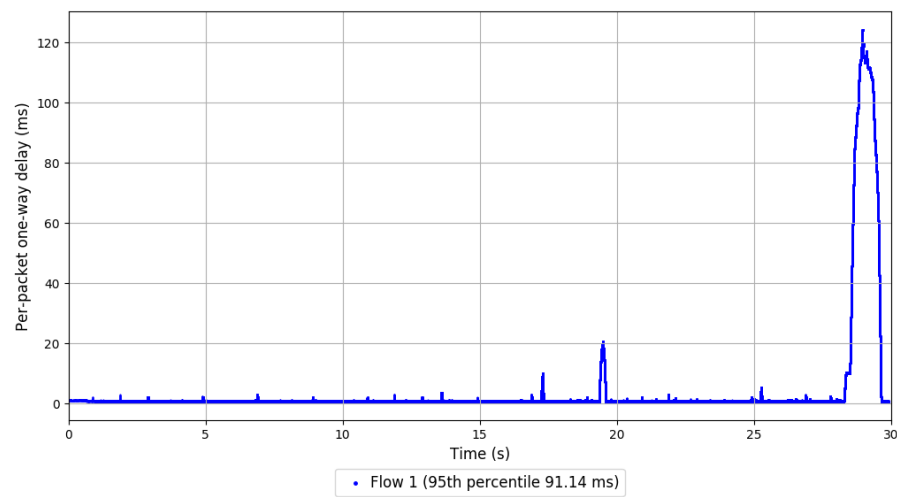
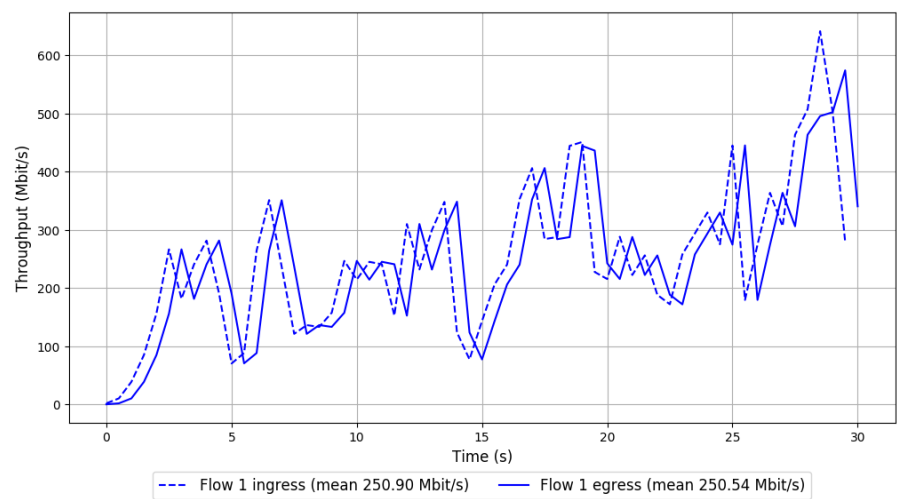


Run 1: Statistics of PCC-Vivace

Start at: 2019-03-26 20:23:11
End at: 2019-03-26 20:23:41
Local clock offset: 0.434 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2019-03-26 23:18:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 250.54 Mbit/s
95th percentile per-packet one-way delay: 91.145 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 250.54 Mbit/s
95th percentile per-packet one-way delay: 91.145 ms
Loss rate: 0.14%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-03-26 20:51:52

End at: 2019-03-26 20:52:22

Local clock offset: -0.38 ms

Remote clock offset: -0.038 ms

Below is generated by plot.py at 2019-03-26 23:18:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 271.94 Mbit/s

95th percentile per-packet one-way delay: 1.098 ms

Loss rate: 0.00%

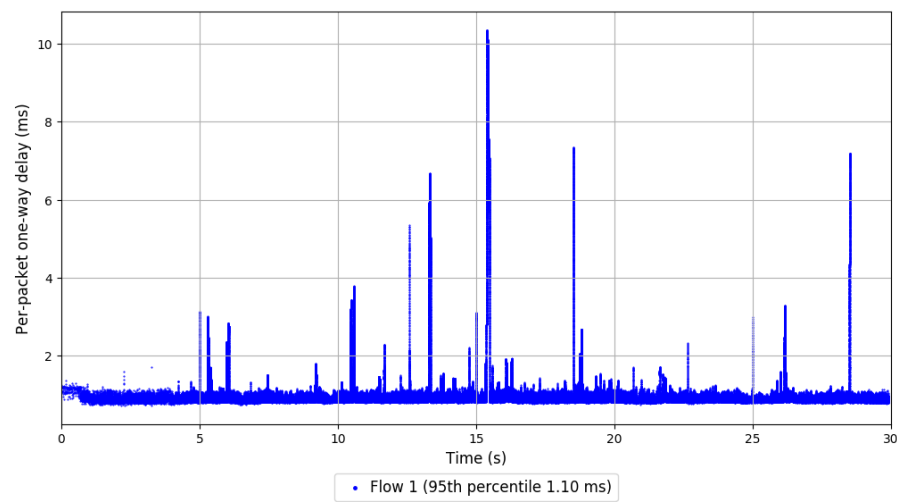
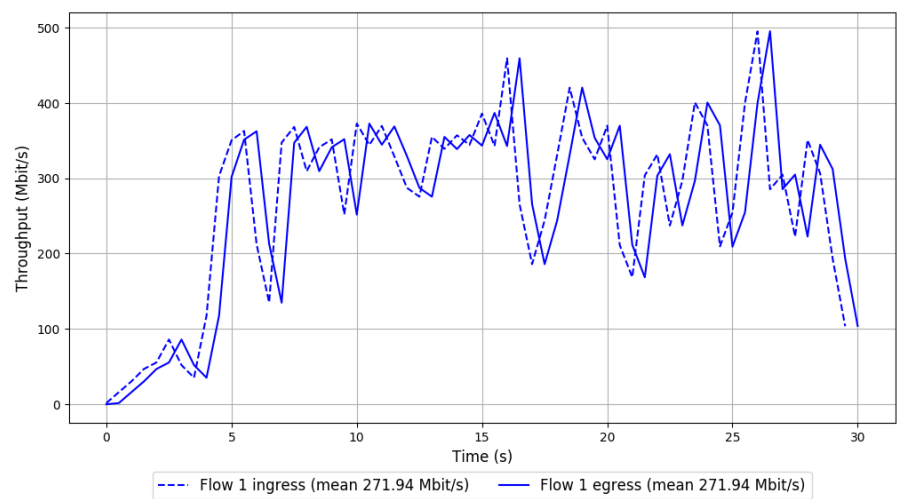
-- Flow 1:

Average throughput: 271.94 Mbit/s

95th percentile per-packet one-way delay: 1.098 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-03-26 21:20:40

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

Local clock offset: 0.386 ms

Remote clock offset: -0.034 ms

Below is generated by plot.py at 2019-03-26 23:18:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 247.37 Mbit/s

95th percentile per-packet one-way delay: 1.133 ms

Loss rate: 0.00%

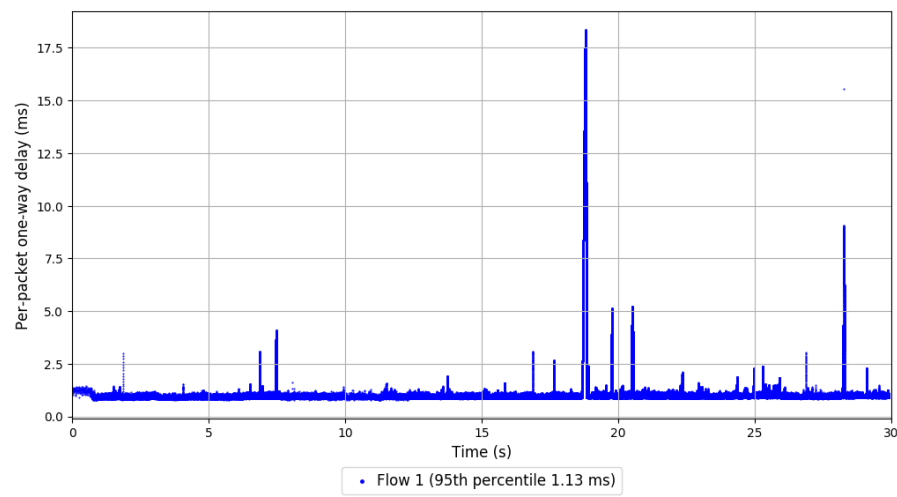
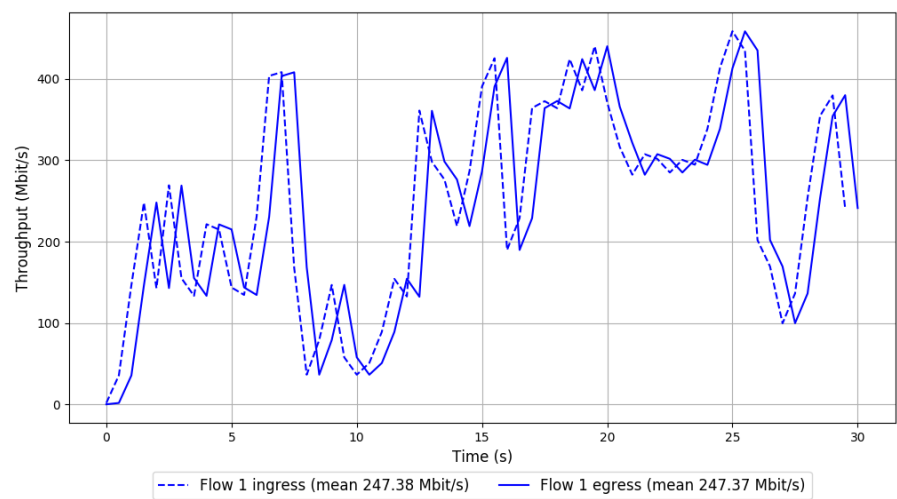
-- Flow 1:

Average throughput: 247.37 Mbit/s

95th percentile per-packet one-way delay: 1.133 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-03-26 21:48:56

End at: 2019-03-26 21:49:26

Local clock offset: 1.5 ms

Remote clock offset: -0.118 ms

Below is generated by plot.py at 2019-03-26 23:18:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.50 Mbit/s

95th percentile per-packet one-way delay: 1.654 ms

Loss rate: 0.22%

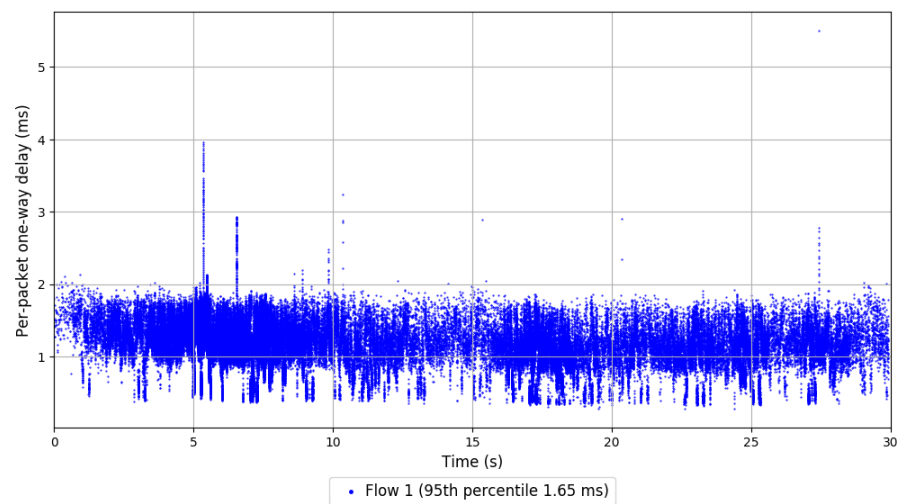
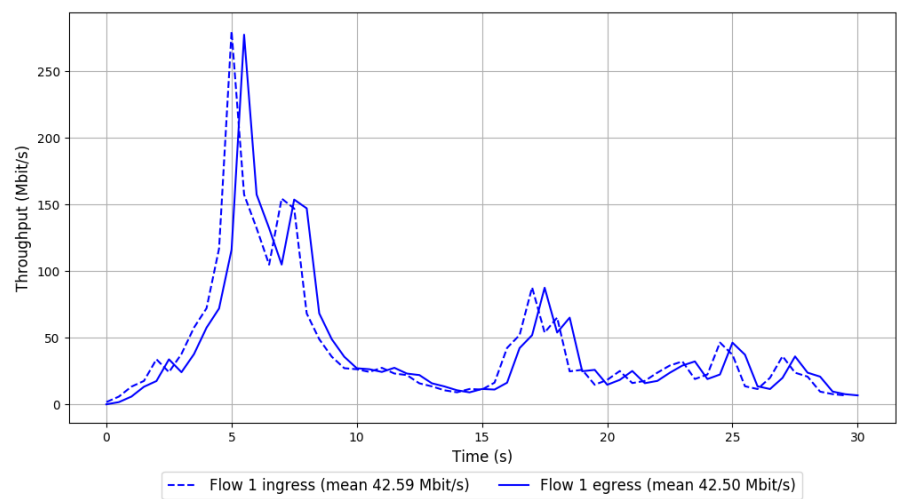
-- Flow 1:

Average throughput: 42.50 Mbit/s

95th percentile per-packet one-way delay: 1.654 ms

Loss rate: 0.22%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-03-26 22:17:32

End at: 2019-03-26 22:18:02

Local clock offset: 0.32 ms

Remote clock offset: 0.249 ms

Below is generated by plot.py at 2019-03-26 23:18:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 254.96 Mbit/s

95th percentile per-packet one-way delay: 2.021 ms

Loss rate: 0.08%

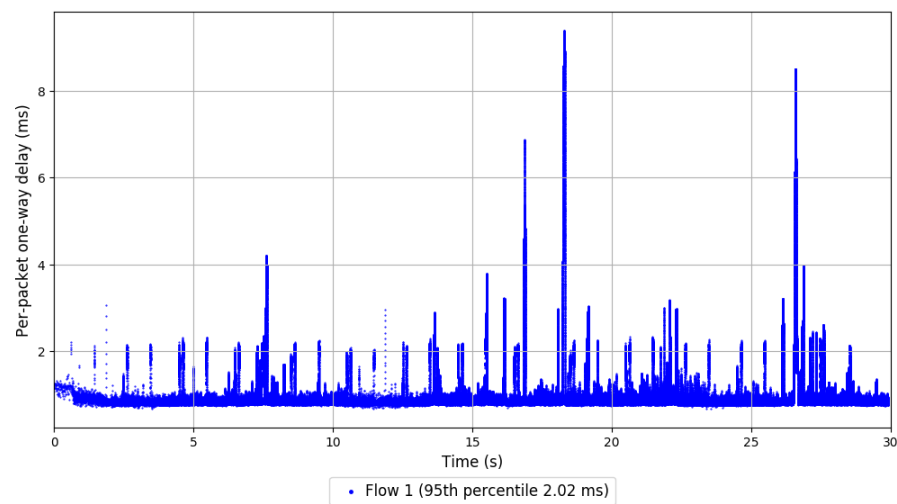
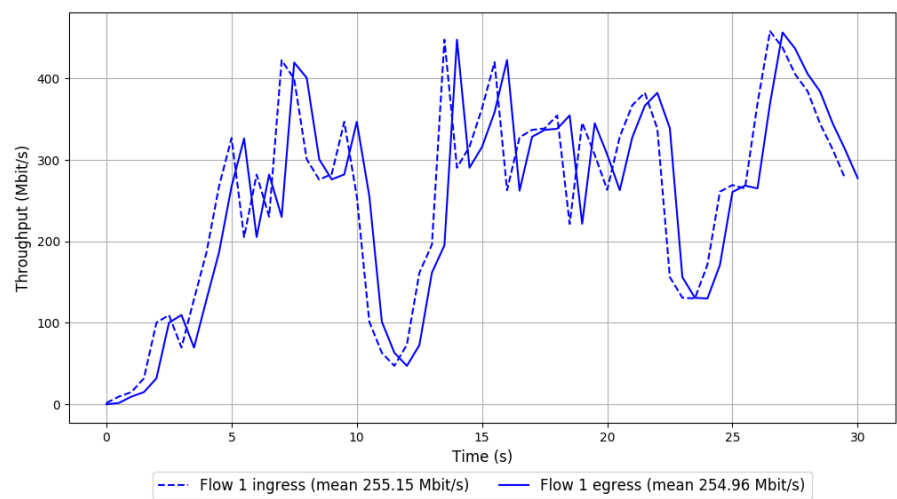
-- Flow 1:

Average throughput: 254.96 Mbit/s

95th percentile per-packet one-way delay: 2.021 ms

Loss rate: 0.08%

Run 5: Report of PCC-Vivace — Data Link

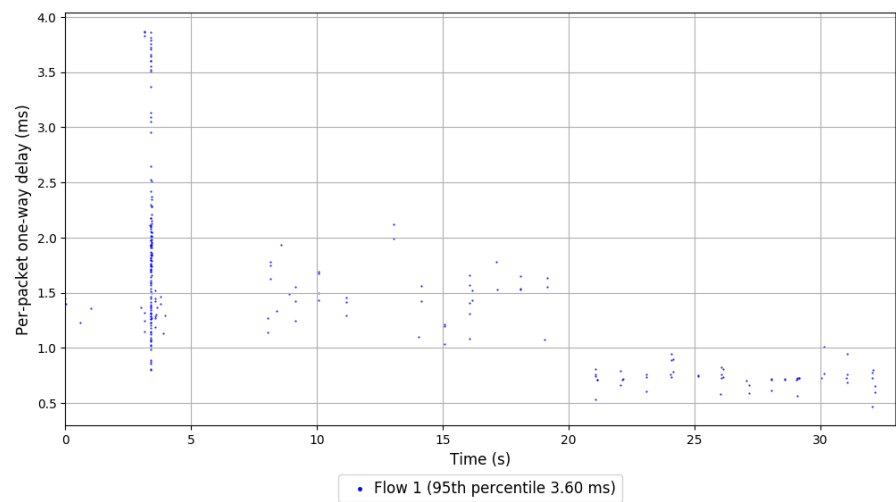
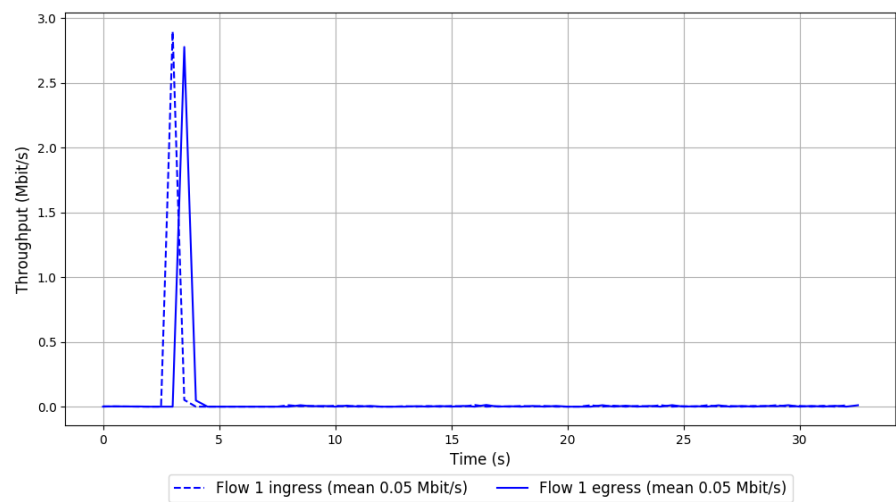


Run 1: Statistics of WebRTC media

Start at: 2019-03-26 20:29:32
End at: 2019-03-26 20:30:02
Local clock offset: -0.065 ms
Remote clock offset: -0.353 ms

Below is generated by plot.py at 2019-03-26 23:18:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.598 ms
Loss rate: 3.97%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.598 ms
Loss rate: 3.97%

Run 1: Report of WebRTC media — Data Link

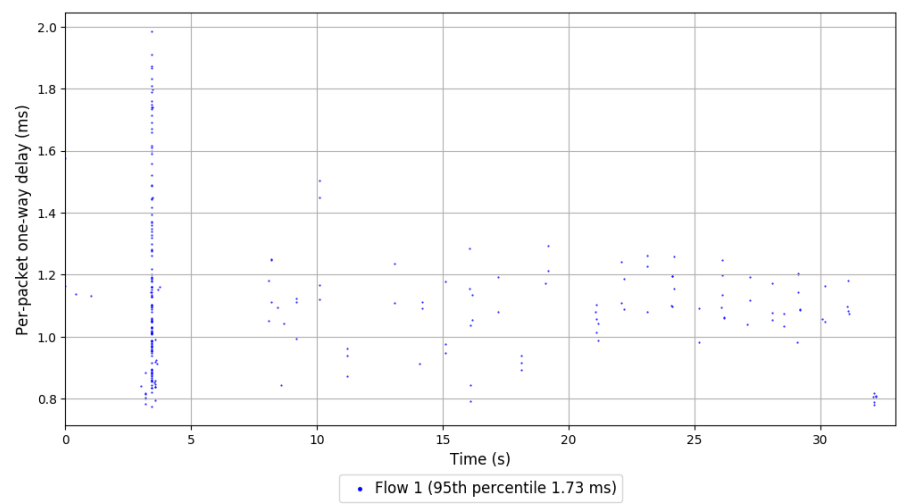
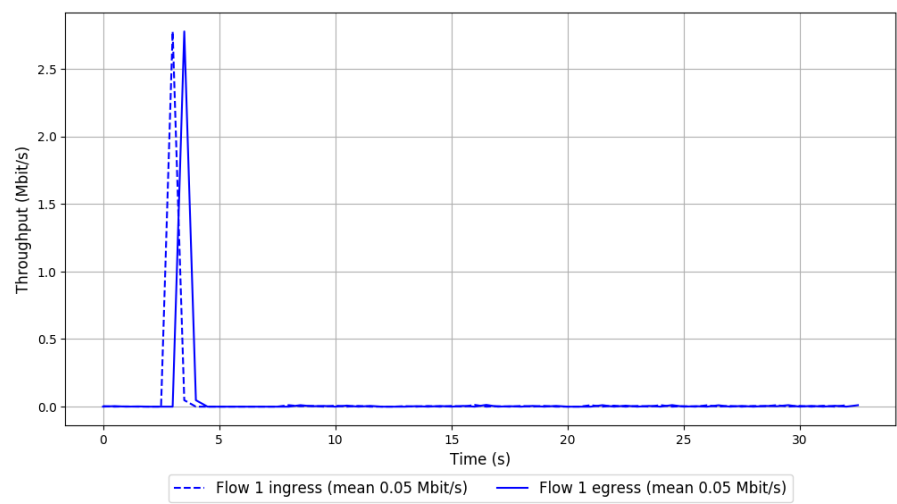


Run 2: Statistics of WebRTC media

Start at: 2019-03-26 20:58:15
End at: 2019-03-26 20:58:45
Local clock offset: -0.356 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2019-03-26 23:18:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.734 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.734 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-03-26 21:27:09

End at: 2019-03-26 21:27:39

Local clock offset: 1.056 ms

Remote clock offset: 0.056 ms

Below is generated by plot.py at 2019-03-26 23:18:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.384 ms

Loss rate: 0.00%

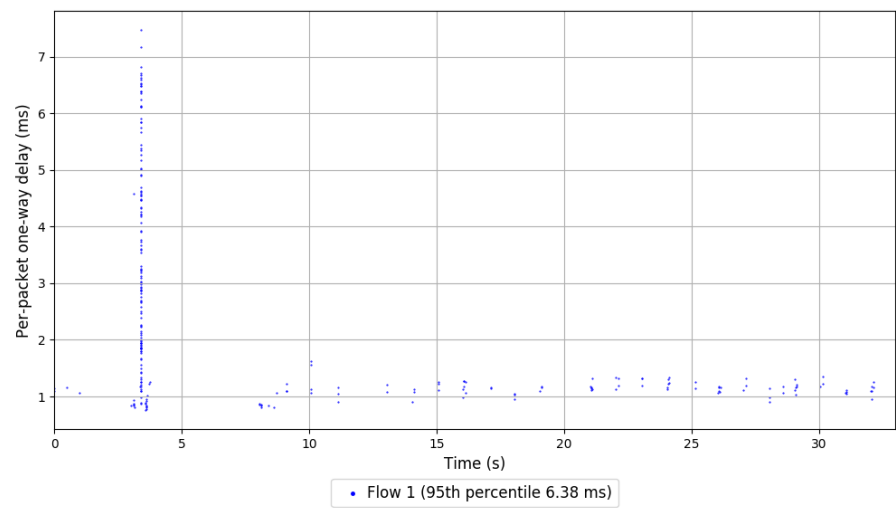
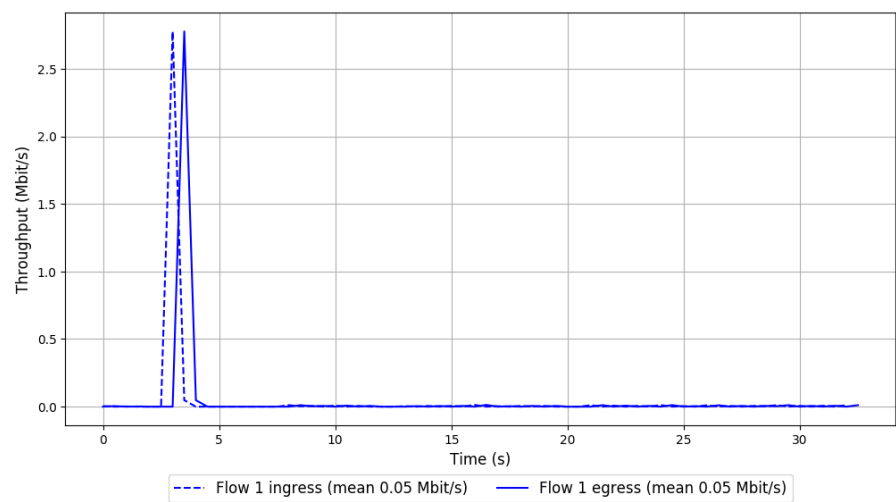
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.384 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-03-26 21:55:10

End at: 2019-03-26 21:55:40

Local clock offset: 0.808 ms

Remote clock offset: 0.179 ms

Below is generated by plot.py at 2019-03-26 23:18:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.030 ms

Loss rate: 0.00%

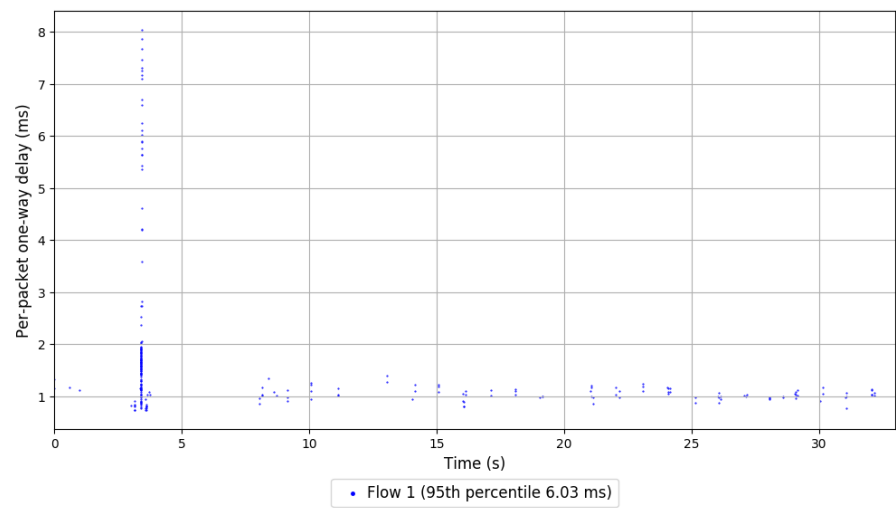
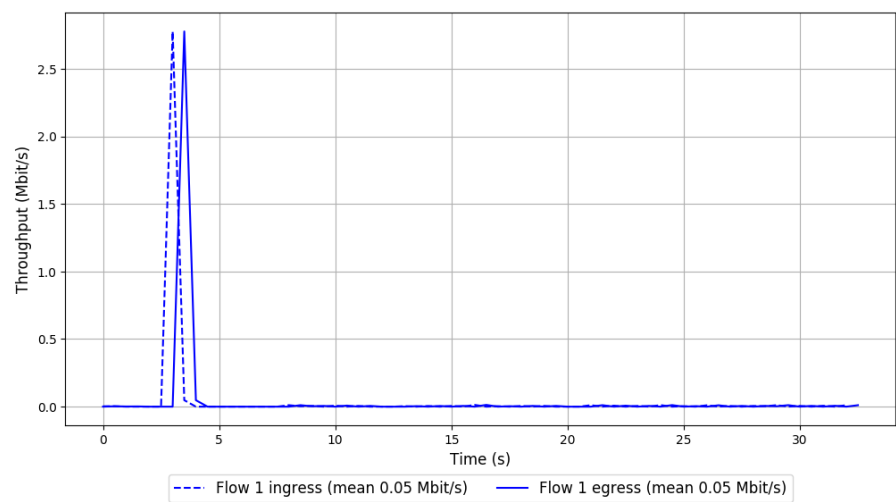
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.030 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-03-26 22:23:54

End at: 2019-03-26 22:24:24

Local clock offset: 0.291 ms

Remote clock offset: 0.17 ms

Below is generated by plot.py at 2019-03-26 23:18:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 5.918 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 5.918 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

