

Pantheon Report

Generated at 2019-03-09 00:33:55 (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:

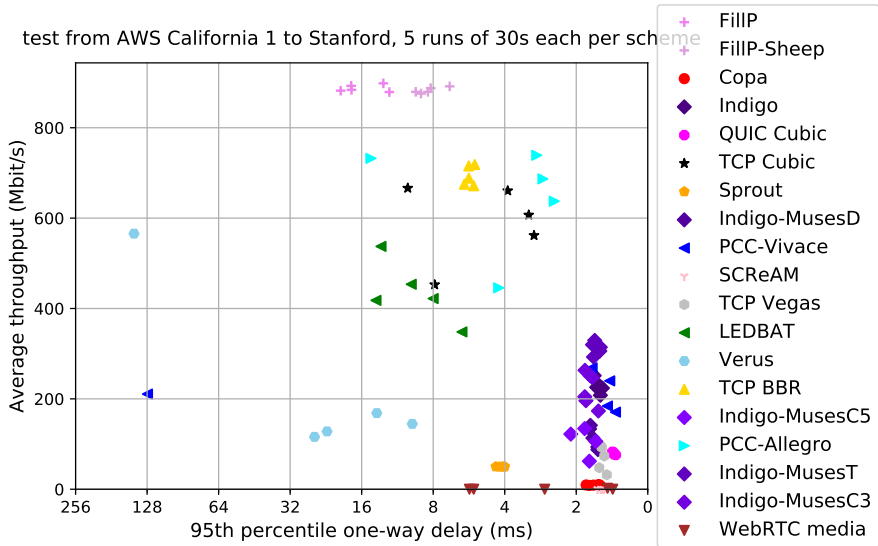
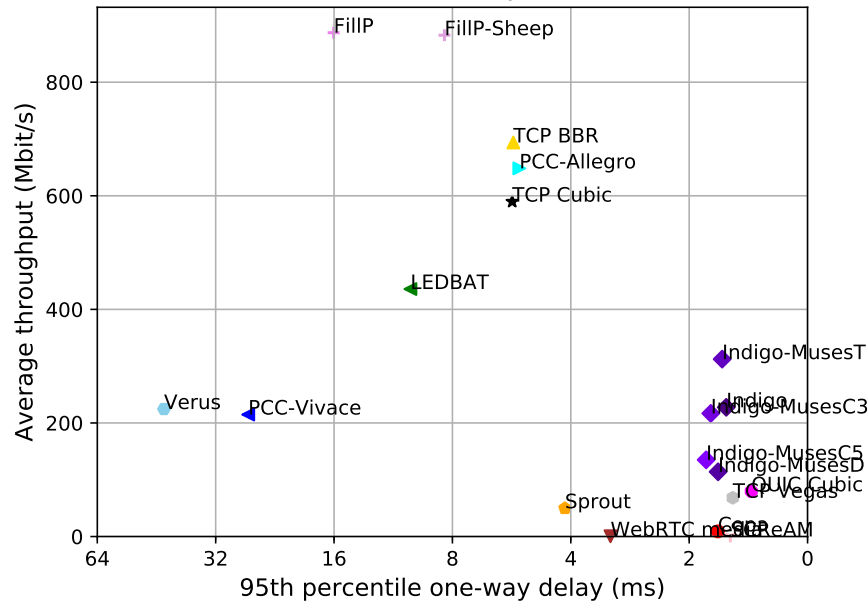
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 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-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

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	693.89	5.60	0.19
Copa	5	9.11	1.52	48.83
TCP Cubic	5	589.66	5.64	0.11
FillP	5	887.18	16.04	4.71
FillP-Sheep	5	882.78	8.38	3.72
Indigo	5	227.55	1.37	0.03
Indigo-MusesC3	5	216.83	1.63	0.09
Indigo-MusesC5	5	135.06	1.71	0.08
Indigo-MusesD	5	113.99	1.51	0.04
Indigo-MusesT	5	312.40	1.44	0.05
LEDBAT	5	435.81	10.23	0.11
PCC-Allegro	5	648.21	5.41	0.40
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	79.67	0.95	0.00
SCReAM	5	0.20	1.30	0.07
Sprout	5	49.83	4.14	0.32
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	68.26	1.26	0.02
Verus	5	224.52	43.32	2.85
PCC-Vivace	5	214.81	26.45	0.40
WebRTC media	5	0.47	3.17	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-03-08 21:39:58

End at: 2019-03-08 21:40:28

Local clock offset: -1.515 ms

Remote clock offset: 0.356 ms

Below is generated by plot.py at 2019-03-08 23:55:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 671.67 Mbit/s

95th percentile per-packet one-way delay: 5.402 ms

Loss rate: 0.20%

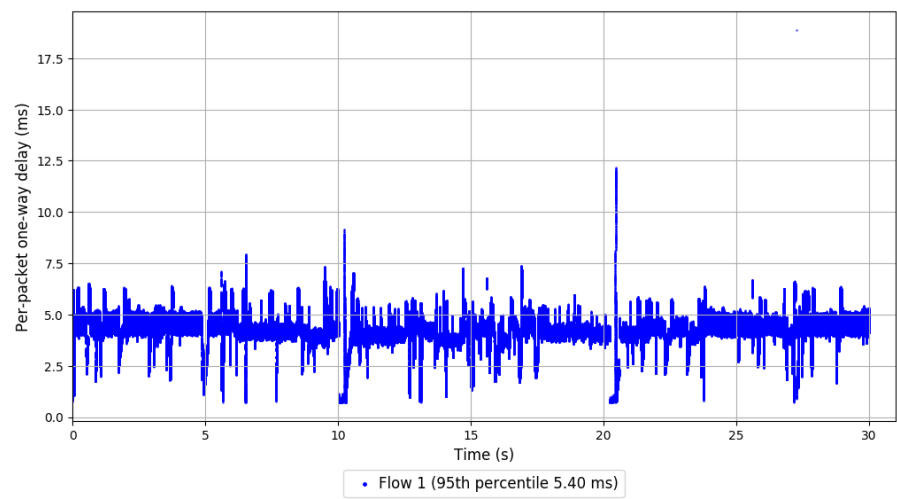
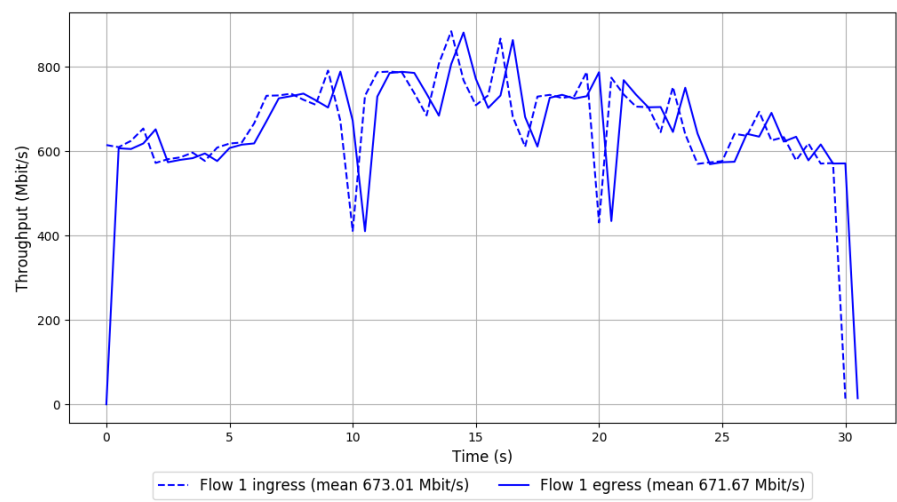
-- Flow 1:

Average throughput: 671.67 Mbit/s

95th percentile per-packet one-way delay: 5.402 ms

Loss rate: 0.20%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-03-08 22:09:04

End at: 2019-03-08 22:09:34

Local clock offset: 3.43 ms

Remote clock offset: 4.074 ms

Below is generated by plot.py at 2019-03-08 23:55:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 675.02 Mbit/s

95th percentile per-packet one-way delay: 5.916 ms

Loss rate: 0.22%

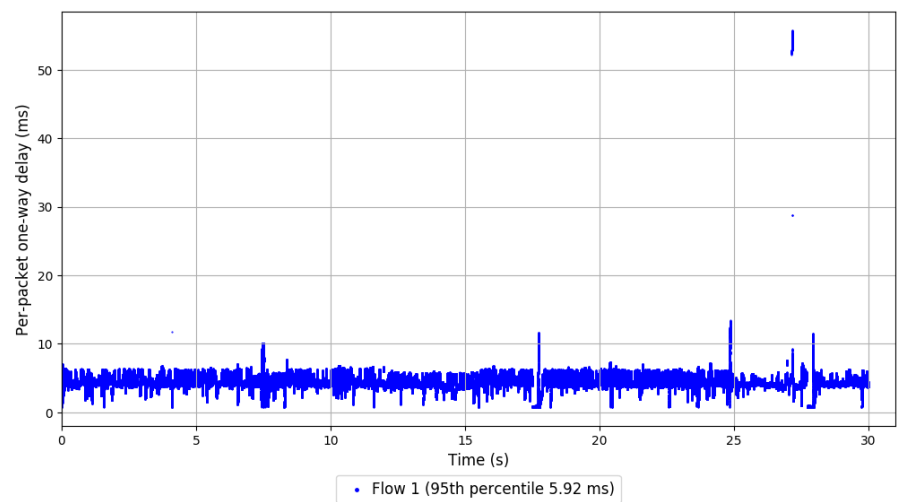
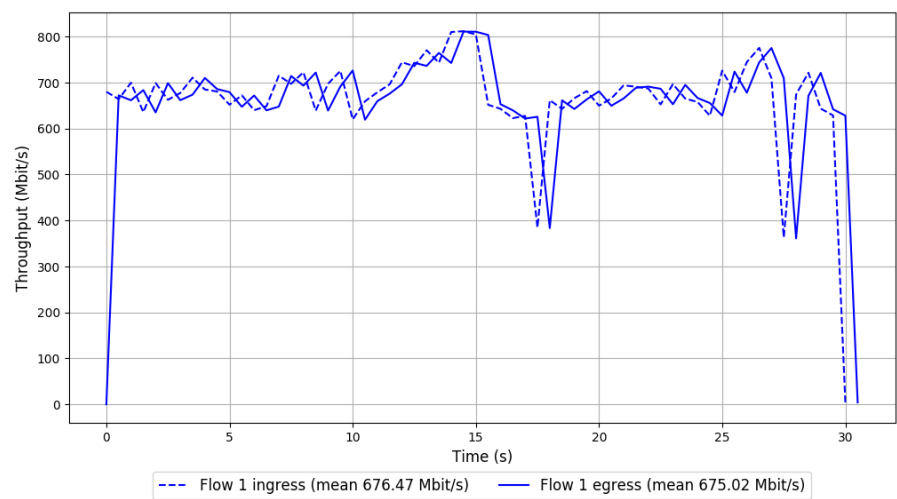
-- Flow 1:

Average throughput: 675.02 Mbit/s

95th percentile per-packet one-way delay: 5.916 ms

Loss rate: 0.22%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-03-08 22:37:38

End at: 2019-03-08 22:38:08

Local clock offset: 0.027 ms

Remote clock offset: 1.191 ms

Below is generated by plot.py at 2019-03-08 23:55:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 688.54 Mbit/s

95th percentile per-packet one-way delay: 5.666 ms

Loss rate: 0.13%

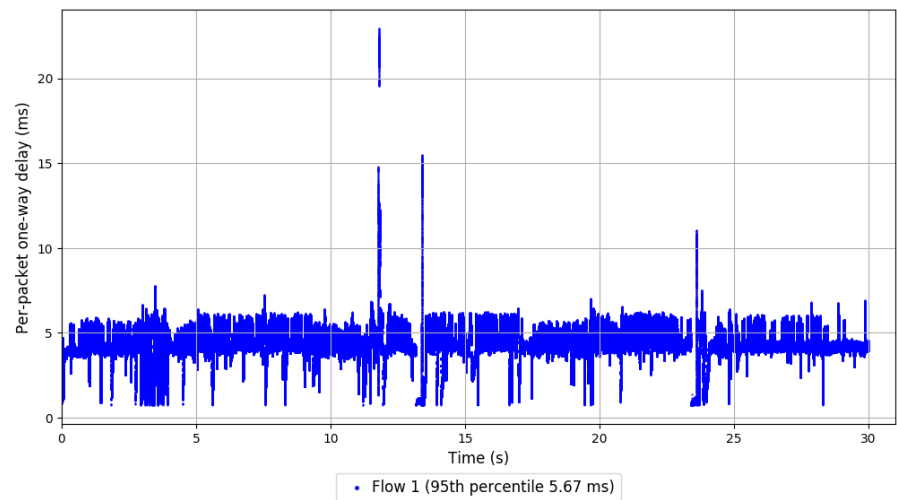
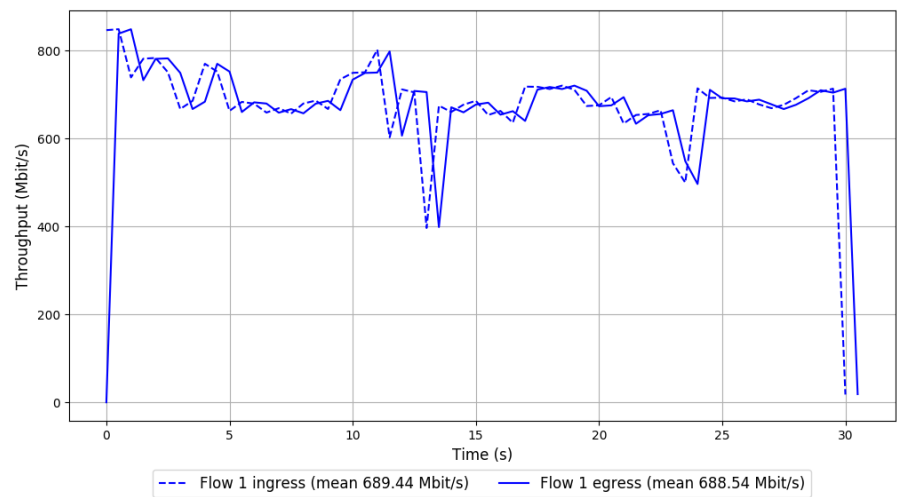
-- Flow 1:

Average throughput: 688.54 Mbit/s

95th percentile per-packet one-way delay: 5.666 ms

Loss rate: 0.13%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-03-08 23:06:20

End at: 2019-03-08 23:06:50

Local clock offset: 3.482 ms

Remote clock offset: 0.723 ms

Below is generated by plot.py at 2019-03-08 23:56:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 715.50 Mbit/s

95th percentile per-packet one-way delay: 5.669 ms

Loss rate: 0.17%

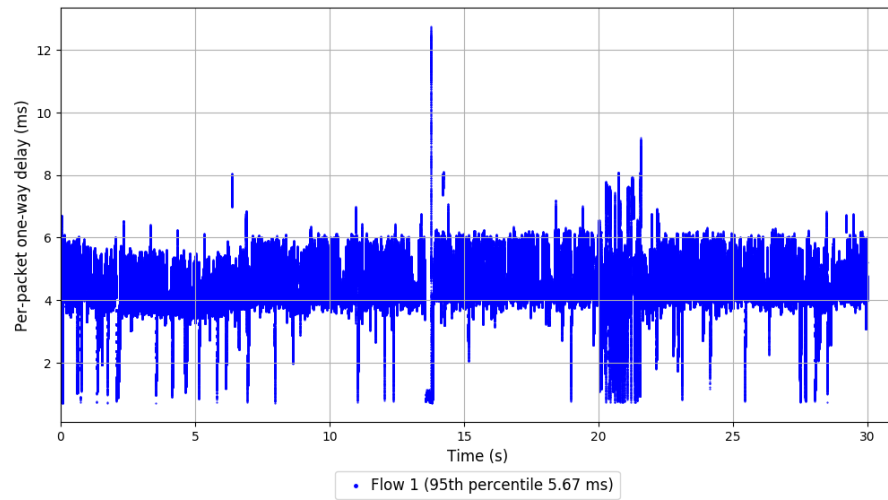
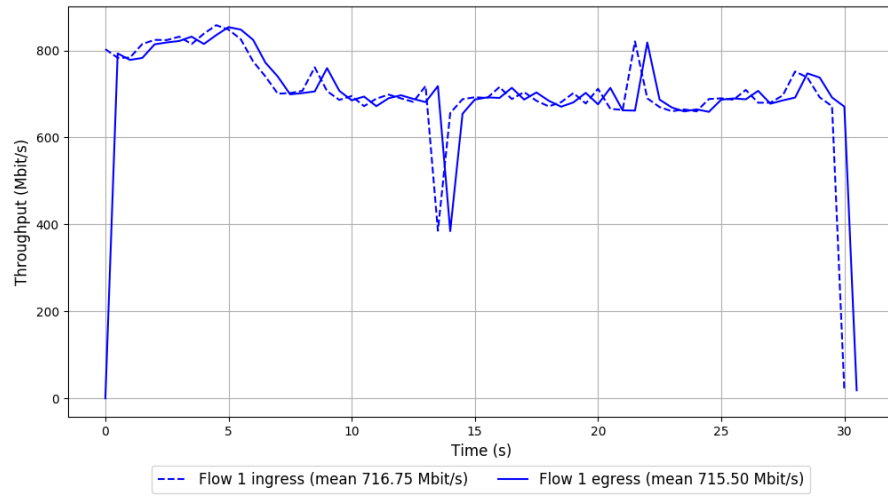
-- Flow 1:

Average throughput: 715.50 Mbit/s

95th percentile per-packet one-way delay: 5.669 ms

Loss rate: 0.17%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-03-08 23:34:57

End at: 2019-03-08 23:35:27

Local clock offset: 3.538 ms

Remote clock offset: 2.375 ms

Below is generated by plot.py at 2019-03-08 23:56:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 718.74 Mbit/s

95th percentile per-packet one-way delay: 5.350 ms

Loss rate: 0.21%

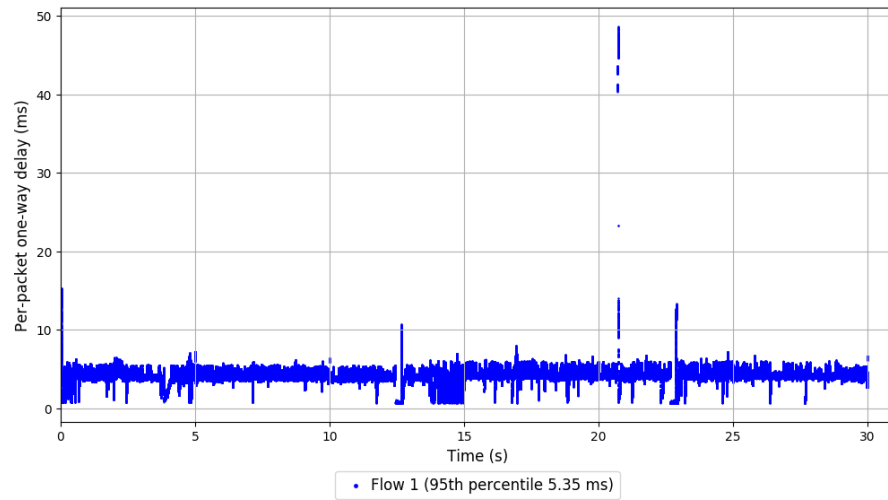
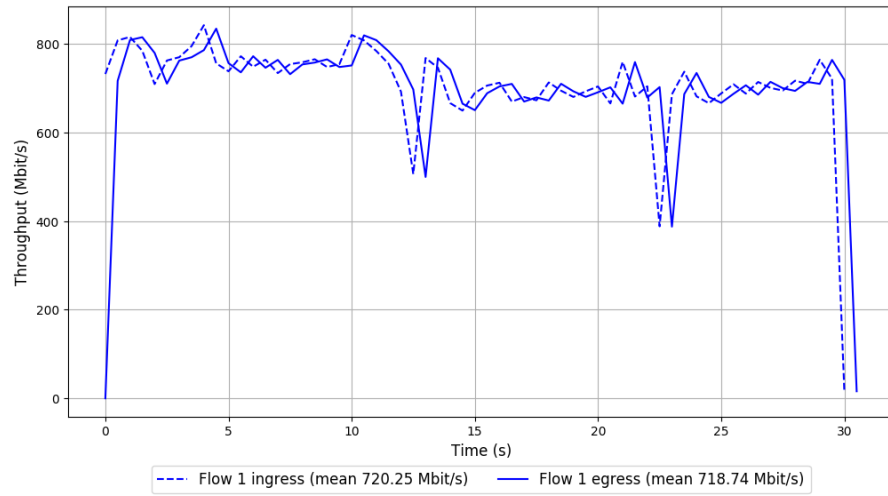
-- Flow 1:

Average throughput: 718.74 Mbit/s

95th percentile per-packet one-way delay: 5.350 ms

Loss rate: 0.21%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2019-03-08 21:27:11

End at: 2019-03-08 21:27:41

Local clock offset: -2.3 ms

Remote clock offset: 0.542 ms

Below is generated by plot.py at 2019-03-08 23:56:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.42 Mbit/s

95th percentile per-packet one-way delay: 1.723 ms

Loss rate: 51.87%

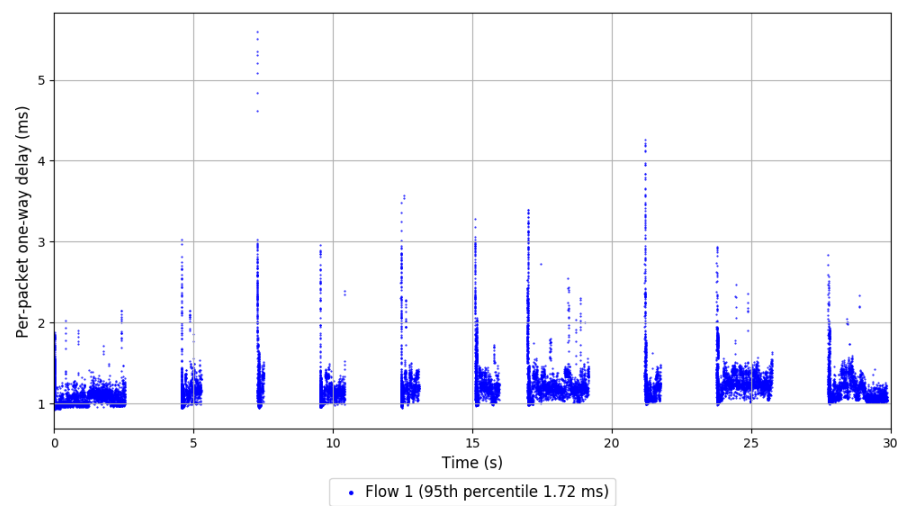
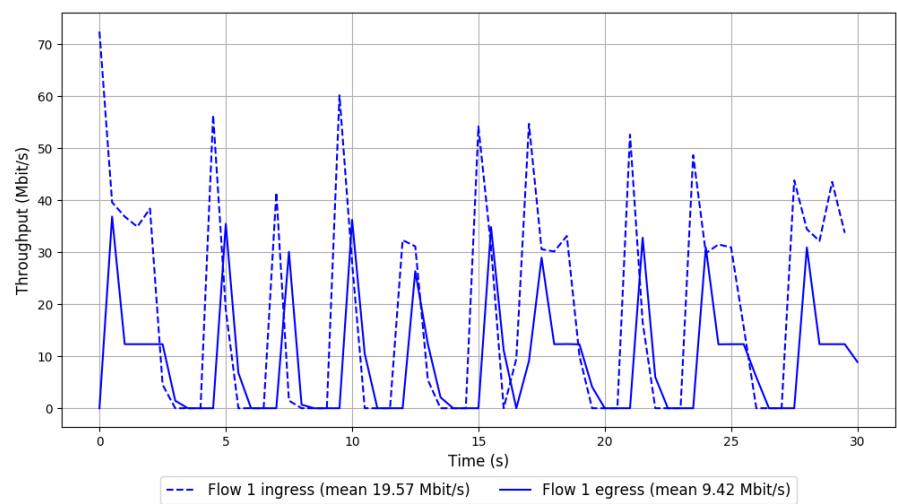
-- Flow 1:

Average throughput: 9.42 Mbit/s

95th percentile per-packet one-way delay: 1.723 ms

Loss rate: 51.87%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2019-03-08 21:55:49

End at: 2019-03-08 21:56:19

Local clock offset: 2.17 ms

Remote clock offset: 2.599 ms

Below is generated by plot.py at 2019-03-08 23:56:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.30 Mbit/s

95th percentile per-packet one-way delay: 1.373 ms

Loss rate: 55.14%

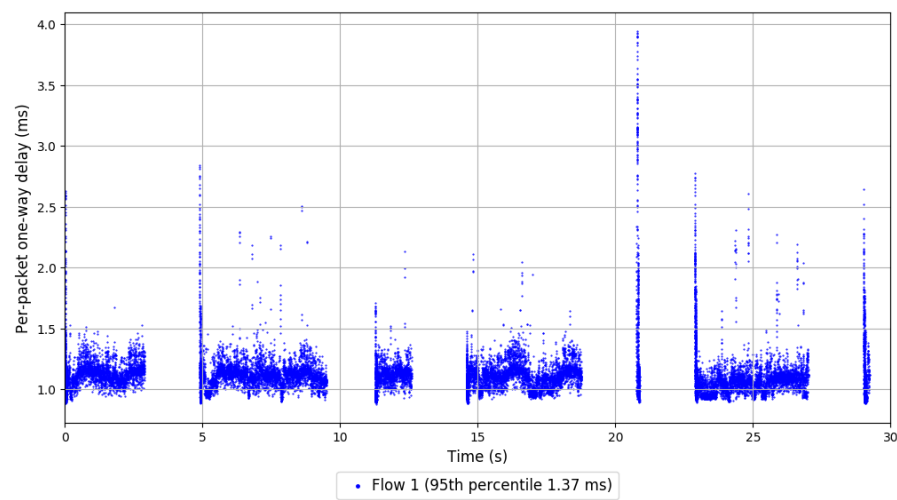
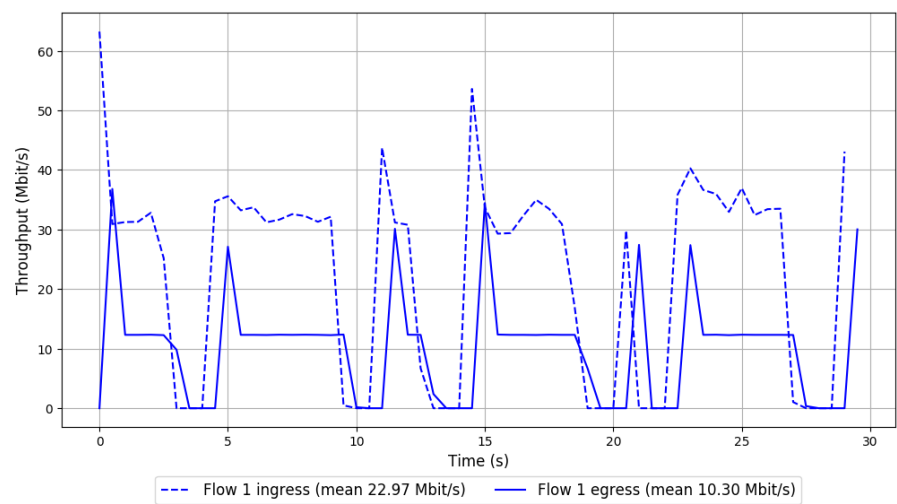
-- Flow 1:

Average throughput: 10.30 Mbit/s

95th percentile per-packet one-way delay: 1.373 ms

Loss rate: 55.14%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2019-03-08 22:24:45

End at: 2019-03-08 22:25:15

Local clock offset: 1.166 ms

Remote clock offset: 3.709 ms

Below is generated by plot.py at 2019-03-08 23:56:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.02 Mbit/s

95th percentile per-packet one-way delay: 1.520 ms

Loss rate: 47.58%

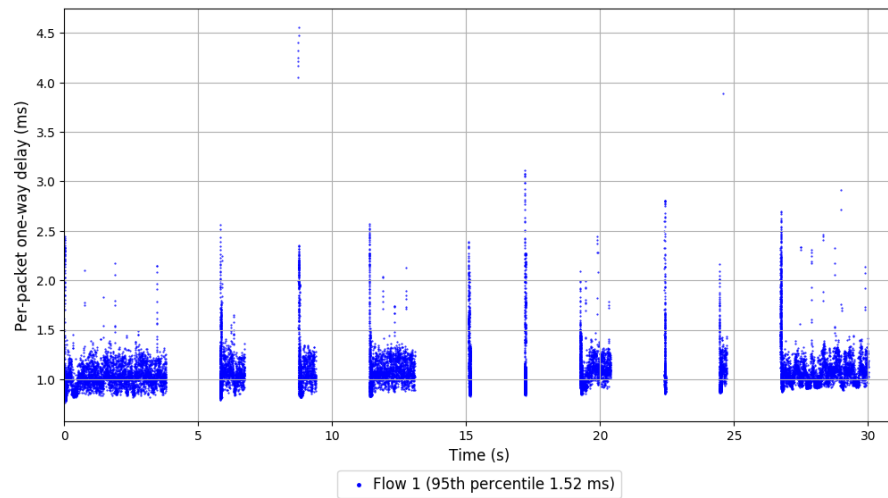
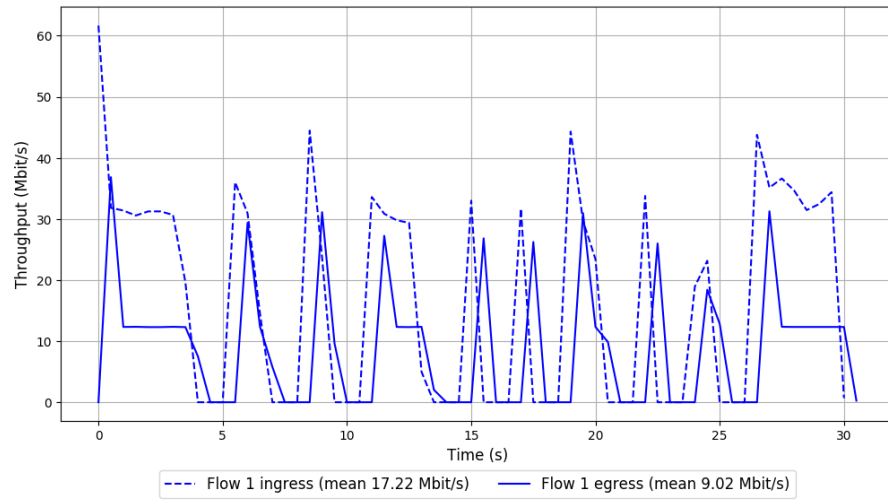
-- Flow 1:

Average throughput: 9.02 Mbit/s

95th percentile per-packet one-way delay: 1.520 ms

Loss rate: 47.58%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2019-03-08 22:53:23

End at: 2019-03-08 22:53:53

Local clock offset: 2.188 ms

Remote clock offset: 0.607 ms

Below is generated by plot.py at 2019-03-08 23:56:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.43 Mbit/s

95th percentile per-packet one-way delay: 1.633 ms

Loss rate: 44.98%

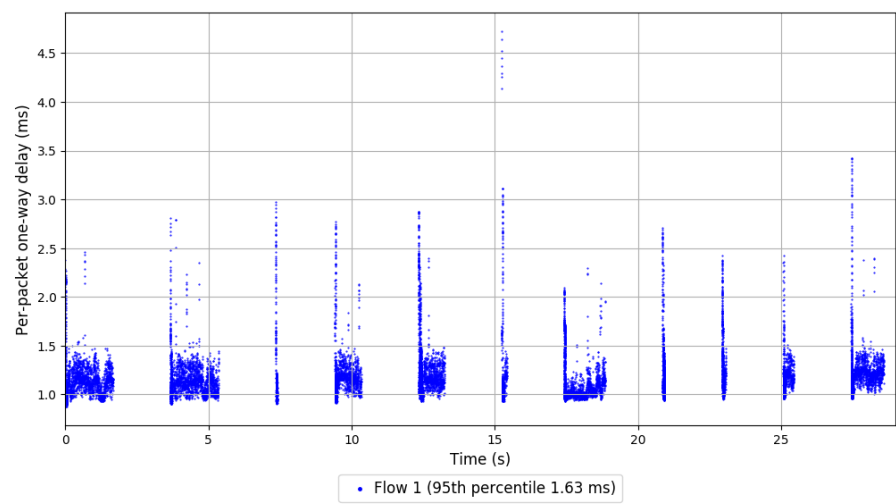
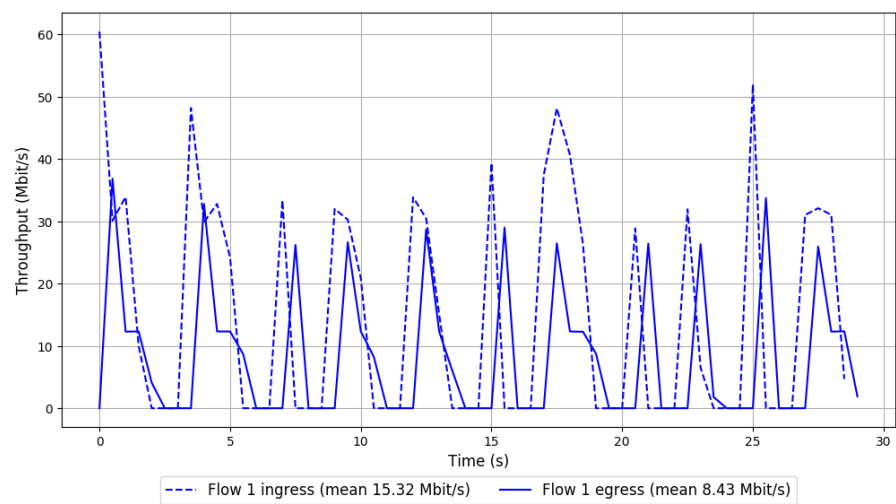
-- Flow 1:

Average throughput: 8.43 Mbit/s

95th percentile per-packet one-way delay: 1.633 ms

Loss rate: 44.98%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2019-03-08 23:22:07

End at: 2019-03-08 23:22:37

Local clock offset: 3.559 ms

Remote clock offset: 0.85 ms

Below is generated by plot.py at 2019-03-08 23:56:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.40 Mbit/s

95th percentile per-packet one-way delay: 1.327 ms

Loss rate: 44.58%

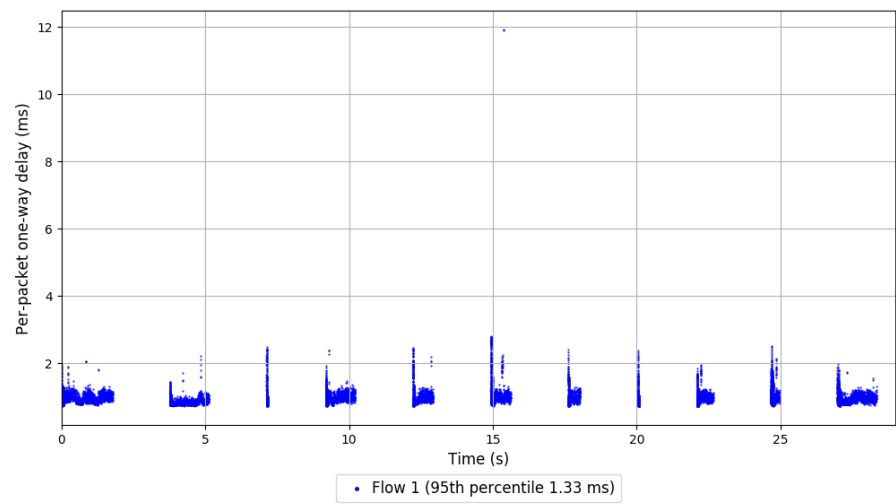
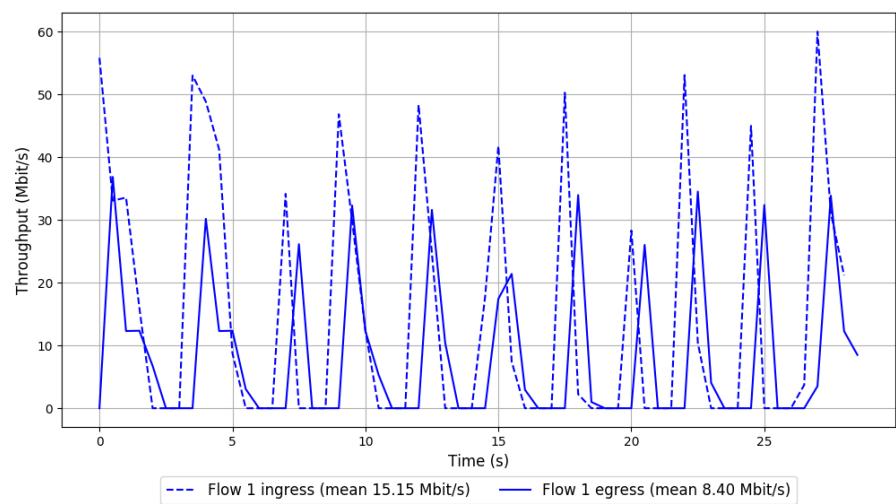
-- Flow 1:

Average throughput: 8.40 Mbit/s

95th percentile per-packet one-way delay: 1.327 ms

Loss rate: 44.58%

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-03-08 21:44:18

End at: 2019-03-08 21:44:48

Local clock offset: -1.597 ms

Remote clock offset: 0.354 ms

Below is generated by plot.py at 2019-03-08 23:56:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 452.67 Mbit/s

95th percentile per-packet one-way delay: 7.885 ms

Loss rate: 0.07%

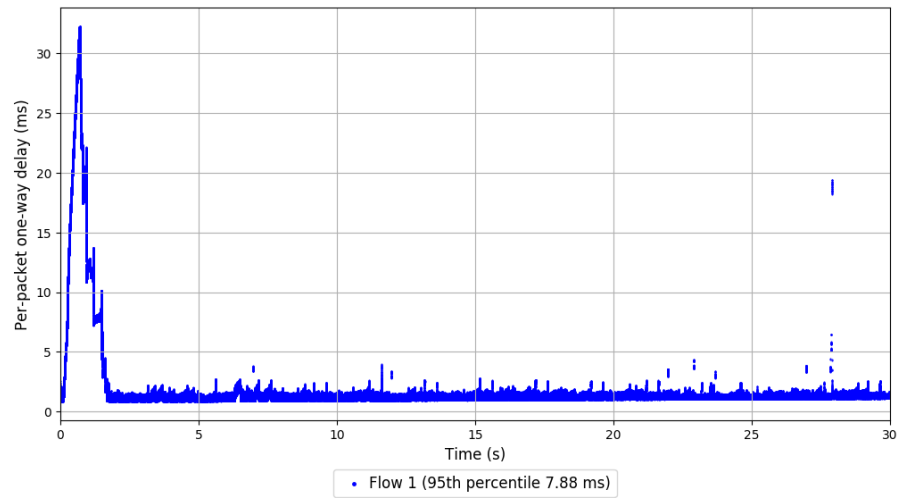
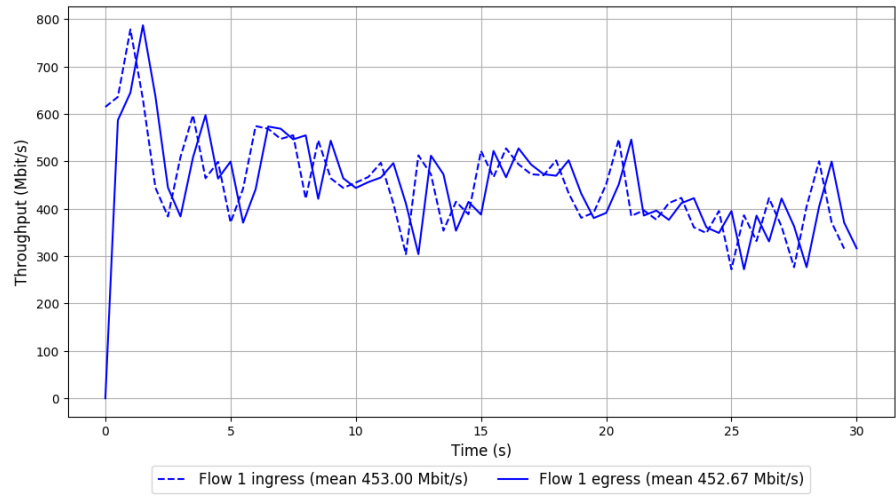
-- Flow 1:

Average throughput: 452.67 Mbit/s

95th percentile per-packet one-way delay: 7.885 ms

Loss rate: 0.07%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-03-08 22:13:19

End at: 2019-03-08 22:13:49

Local clock offset: 3.589 ms

Remote clock offset: 4.539 ms

Below is generated by plot.py at 2019-03-08 23:56:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 561.67 Mbit/s

95th percentile per-packet one-way delay: 3.011 ms

Loss rate: 0.15%

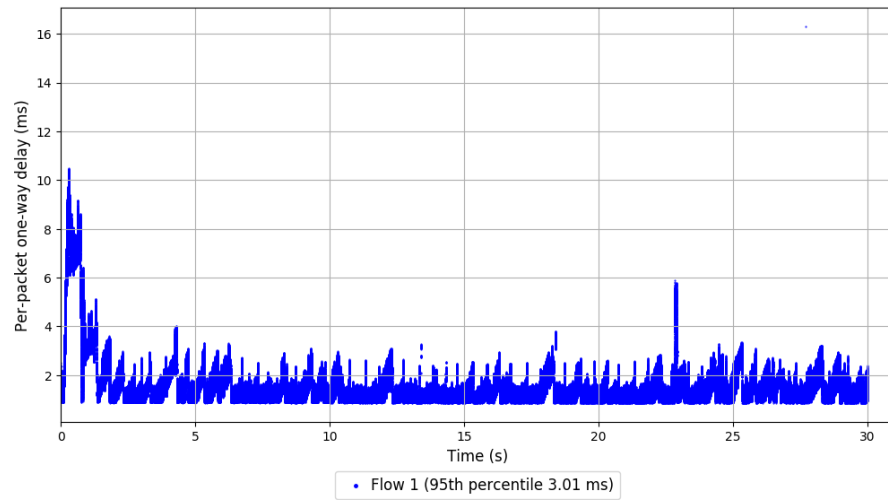
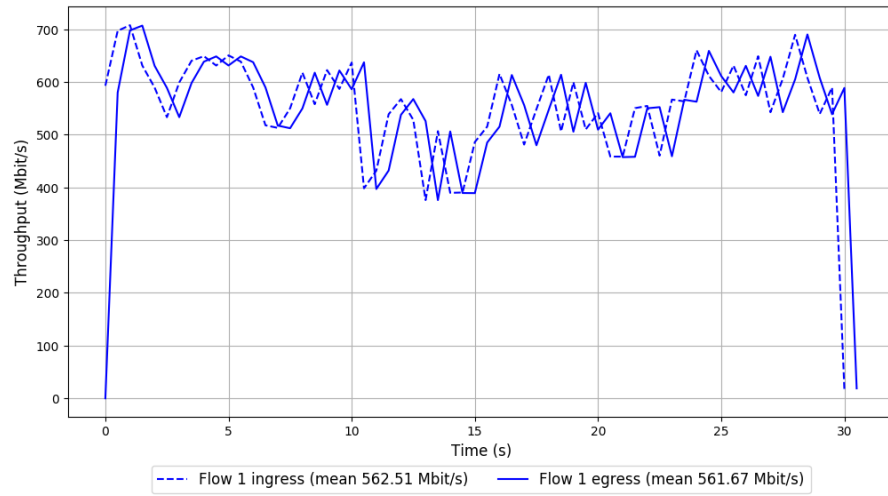
-- Flow 1:

Average throughput: 561.67 Mbit/s

95th percentile per-packet one-way delay: 3.011 ms

Loss rate: 0.15%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-03-08 22:41:51

End at: 2019-03-08 22:42:21

Local clock offset: -0.208 ms

Remote clock offset: 0.963 ms

Below is generated by plot.py at 2019-03-08 23:56:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 606.96 Mbit/s

95th percentile per-packet one-way delay: 3.169 ms

Loss rate: 0.09%

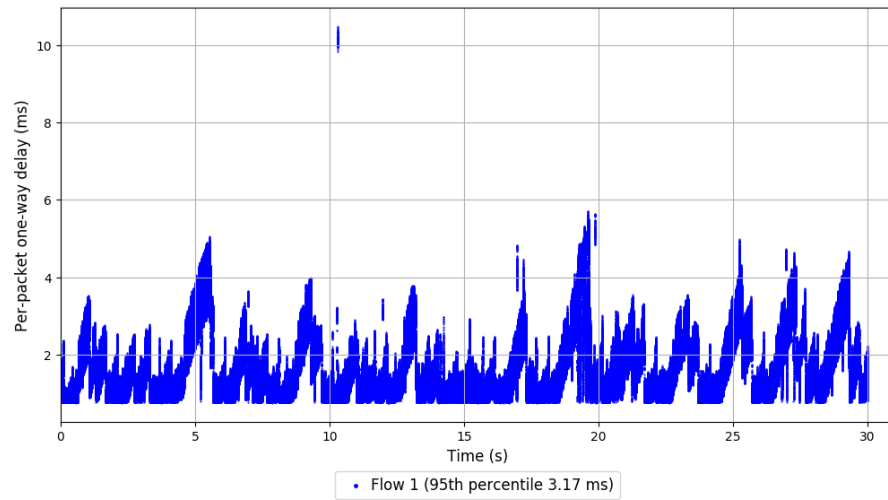
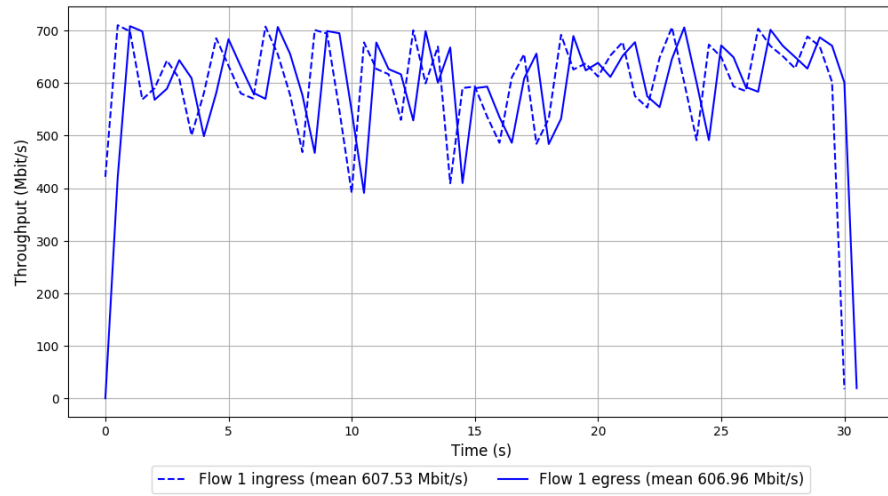
-- Flow 1:

Average throughput: 606.96 Mbit/s

95th percentile per-packet one-way delay: 3.169 ms

Loss rate: 0.09%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-03-08 23:10:37

End at: 2019-03-08 23:11:07

Local clock offset: 3.675 ms

Remote clock offset: 0.822 ms

Below is generated by plot.py at 2019-03-09 00:00:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 660.61 Mbit/s

95th percentile per-packet one-way delay: 3.886 ms

Loss rate: 0.12%

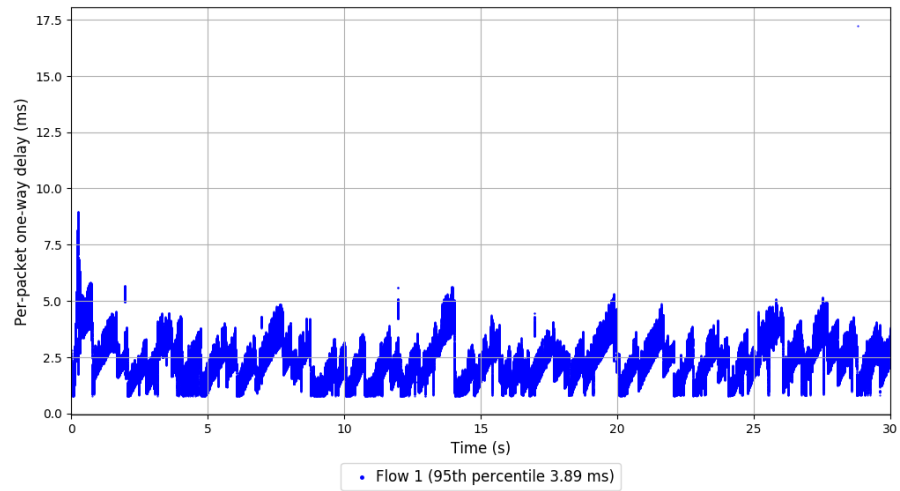
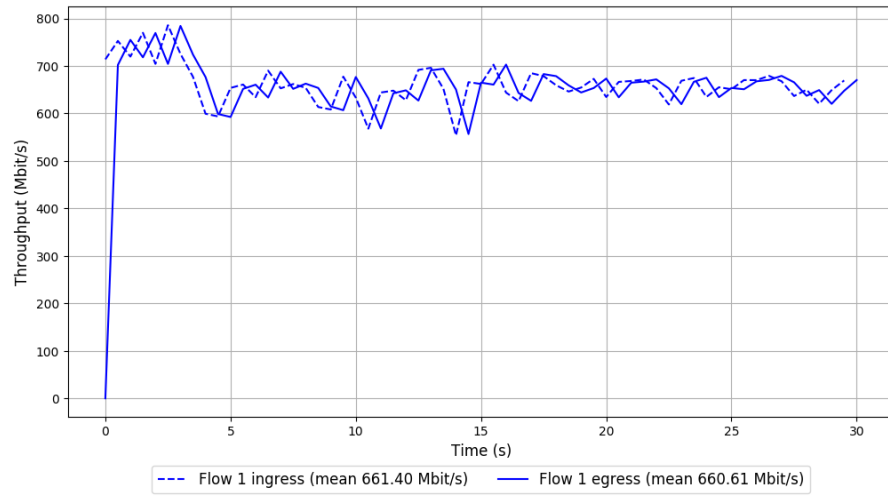
-- Flow 1:

Average throughput: 660.61 Mbit/s

95th percentile per-packet one-way delay: 3.886 ms

Loss rate: 0.12%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-03-08 23:39:10

End at: 2019-03-08 23:39:40

Local clock offset: 3.56 ms

Remote clock offset: 3.232 ms

Below is generated by plot.py at 2019-03-09 00:01:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 666.41 Mbit/s

95th percentile per-packet one-way delay: 10.237 ms

Loss rate: 0.12%

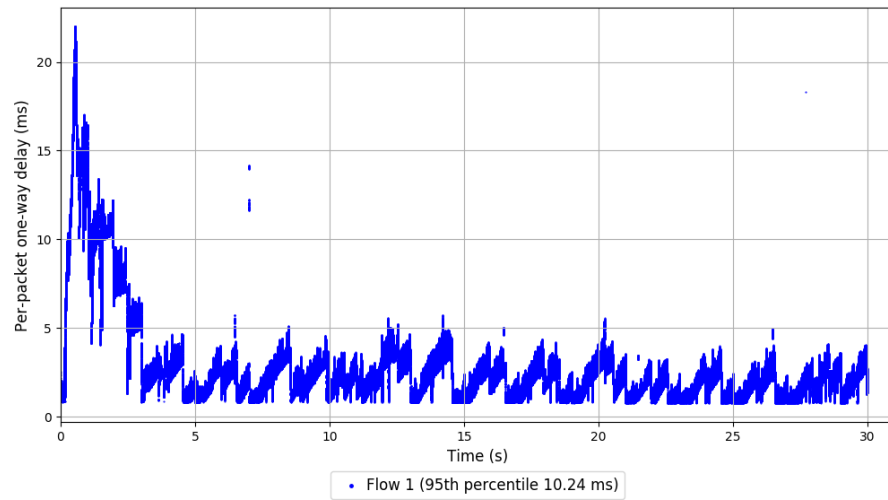
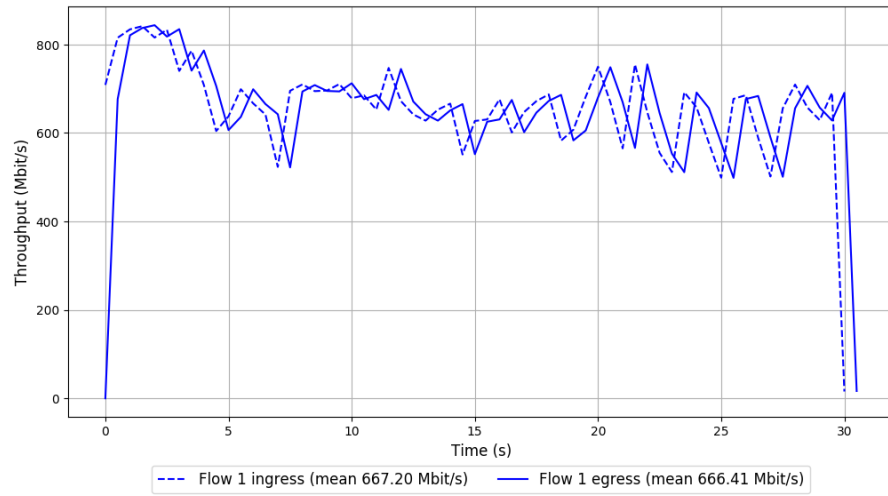
-- Flow 1:

Average throughput: 666.41 Mbit/s

95th percentile per-packet one-way delay: 10.237 ms

Loss rate: 0.12%

Run 5: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2019-03-08 21:22:32

End at: 2019-03-08 21:23:02

Local clock offset: -3.517 ms

Remote clock offset: 0.596 ms

Below is generated by plot.py at 2019-03-09 00:07:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 898.24 Mbit/s

95th percentile per-packet one-way delay: 12.969 ms

Loss rate: 4.56%

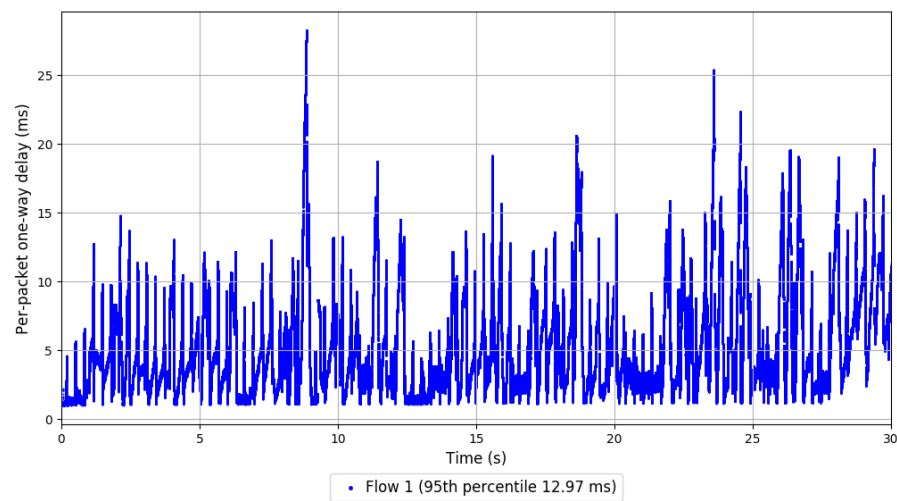
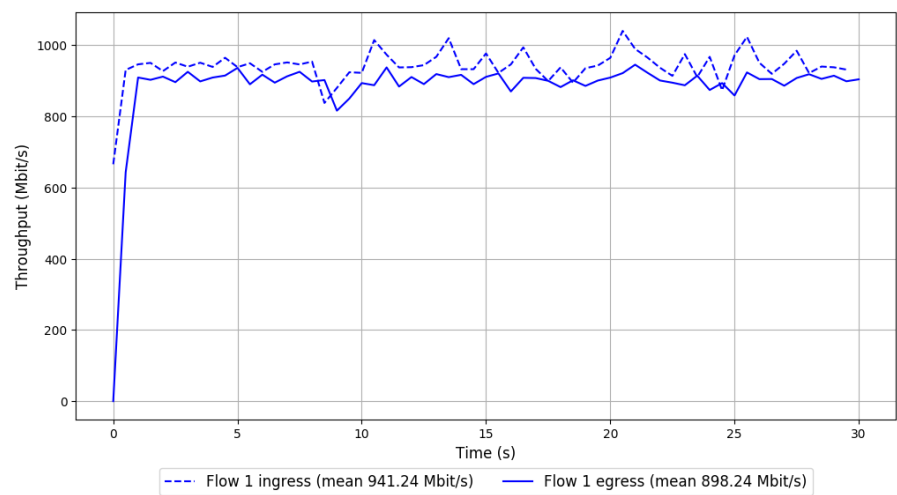
-- Flow 1:

Average throughput: 898.24 Mbit/s

95th percentile per-packet one-way delay: 12.969 ms

Loss rate: 4.56%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-03-08 21:51:09

End at: 2019-03-08 21:51:39

Local clock offset: 1.091 ms

Remote clock offset: 1.514 ms

Below is generated by plot.py at 2019-03-09 00:07:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 883.88 Mbit/s

95th percentile per-packet one-way delay: 17.660 ms

Loss rate: 5.04%

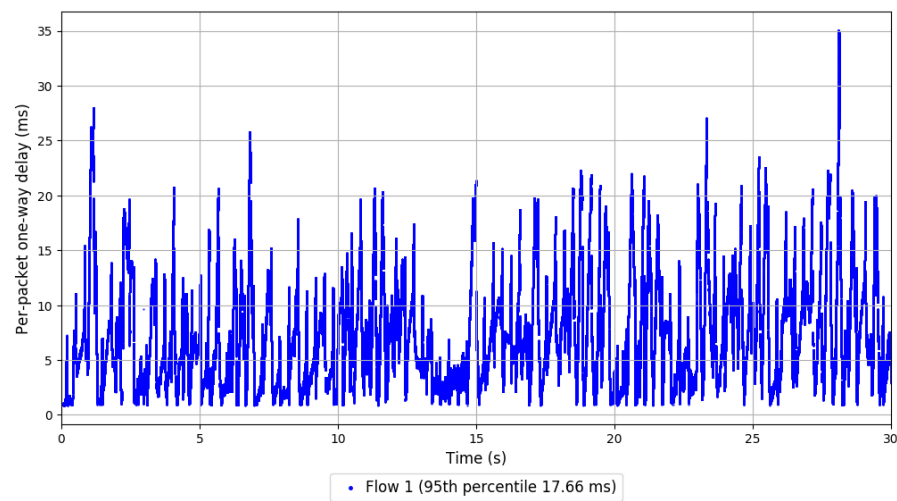
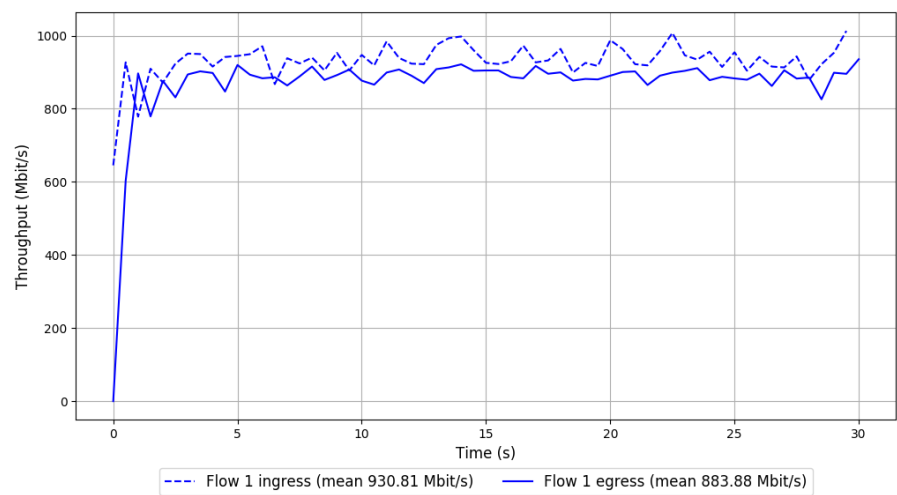
-- Flow 1:

Average throughput: 883.88 Mbit/s

95th percentile per-packet one-way delay: 17.660 ms

Loss rate: 5.04%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-03-08 22:20:05

End at: 2019-03-08 22:20:35

Local clock offset: 1.986 ms

Remote clock offset: 4.901 ms

Below is generated by plot.py at 2019-03-09 00:08:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 892.70 Mbit/s

95th percentile per-packet one-way delay: 17.716 ms

Loss rate: 5.24%

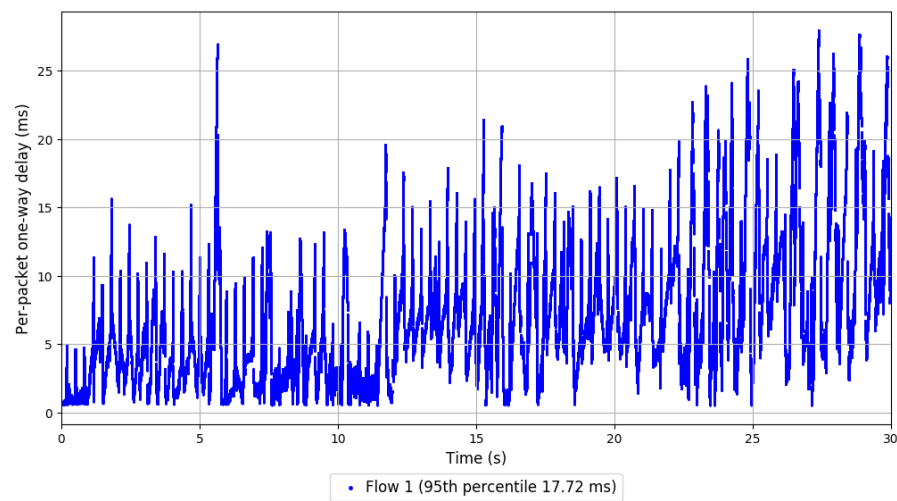
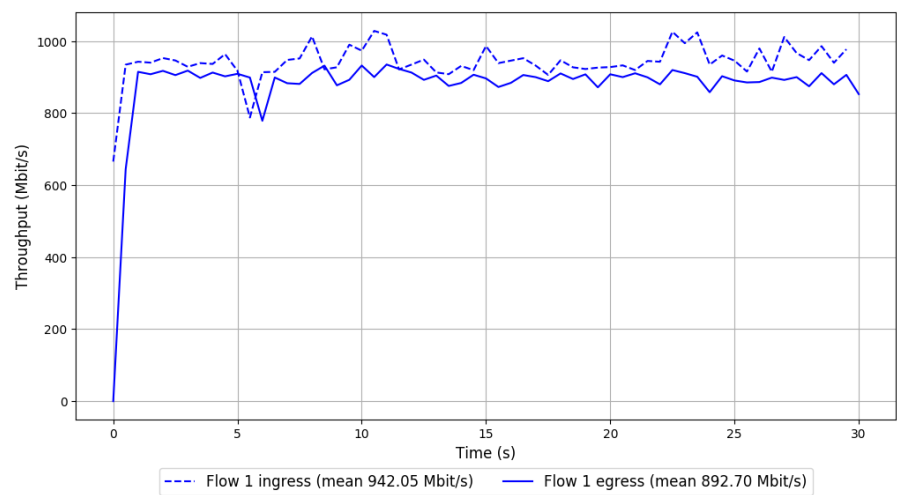
-- Flow 1:

Average throughput: 892.70 Mbit/s

95th percentile per-packet one-way delay: 17.716 ms

Loss rate: 5.24%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-03-08 22:48:45

End at: 2019-03-08 22:49:15

Local clock offset: 1.093 ms

Remote clock offset: 0.61 ms

Below is generated by plot.py at 2019-03-09 00:08:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 882.08 Mbit/s

95th percentile per-packet one-way delay: 19.612 ms

Loss rate: 4.22%

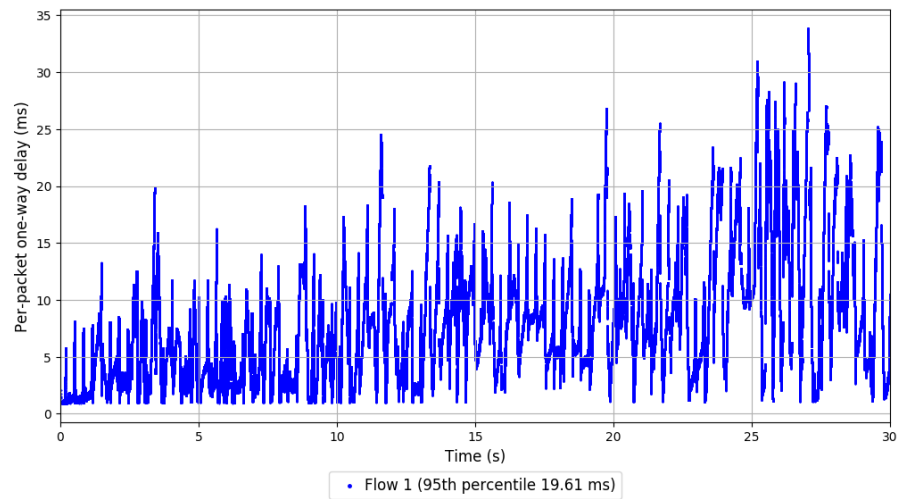
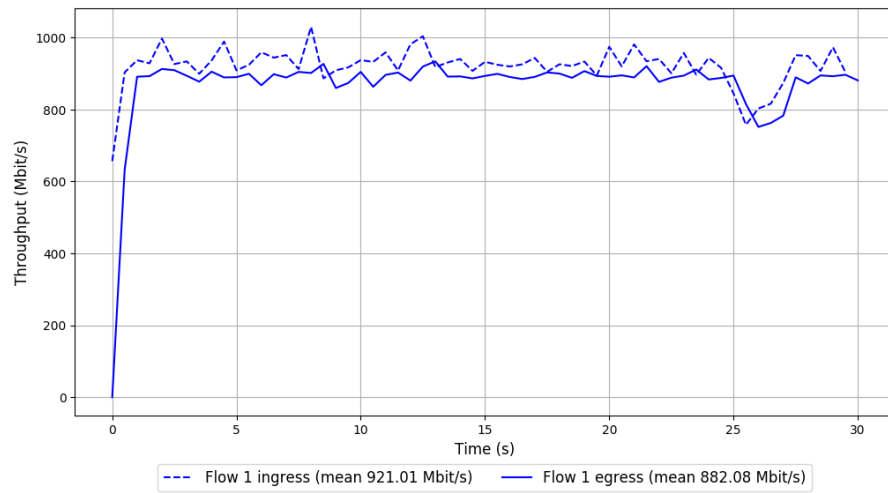
-- Flow 1:

Average throughput: 882.08 Mbit/s

95th percentile per-packet one-way delay: 19.612 ms

Loss rate: 4.22%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-03-08 23:17:28

End at: 2019-03-08 23:17:58

Local clock offset: 3.69 ms

Remote clock offset: 0.804 ms

Below is generated by plot.py at 2019-03-09 00:08:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 878.98 Mbit/s

95th percentile per-packet one-way delay: 12.234 ms

Loss rate: 4.49%

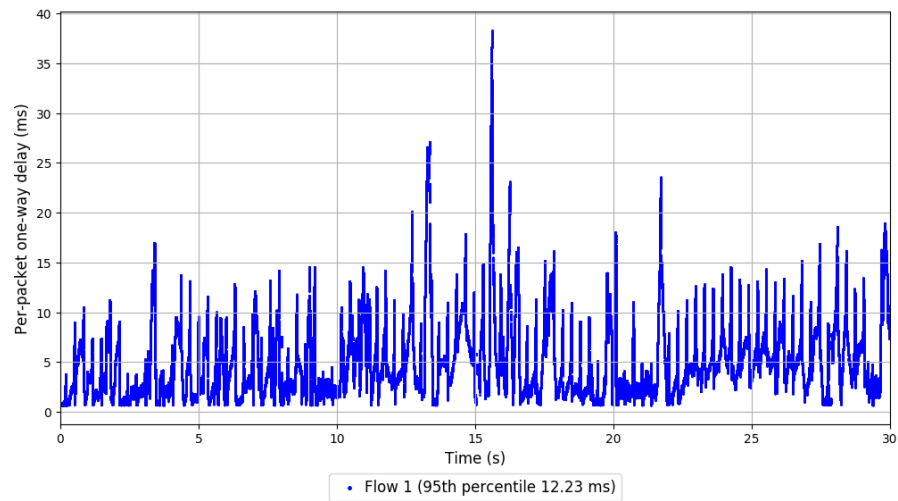
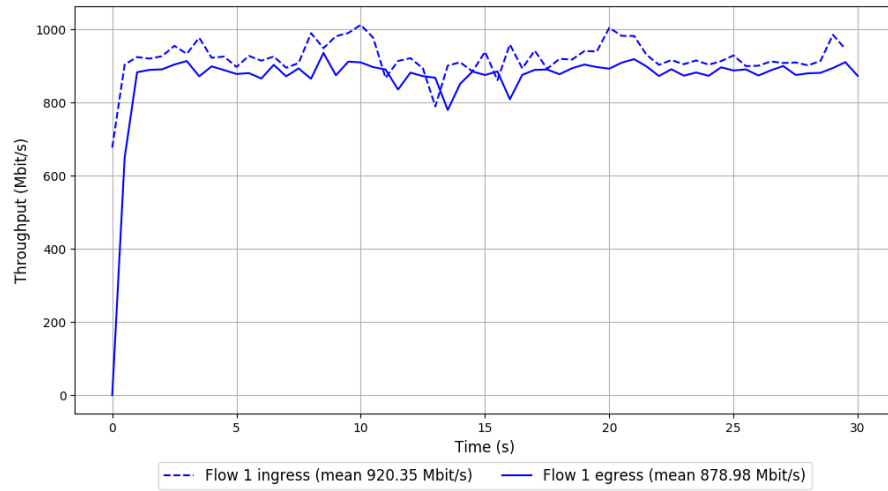
-- Flow 1:

Average throughput: 878.98 Mbit/s

95th percentile per-packet one-way delay: 12.234 ms

Loss rate: 4.49%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-03-08 21:25:34

End at: 2019-03-08 21:26:04

Local clock offset: -2.657 ms

Remote clock offset: 0.473 ms

Below is generated by plot.py at 2019-03-09 00:08:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 879.48 Mbit/s

95th percentile per-packet one-way delay: 9.474 ms

Loss rate: 3.32%

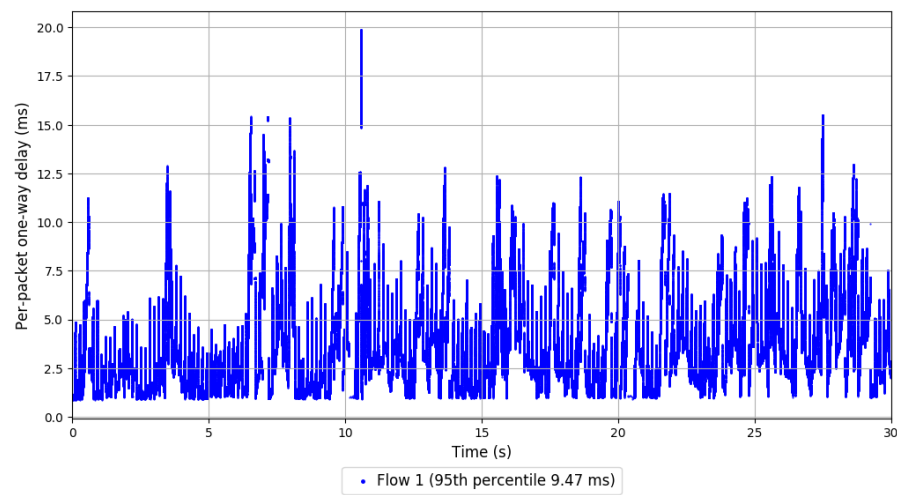
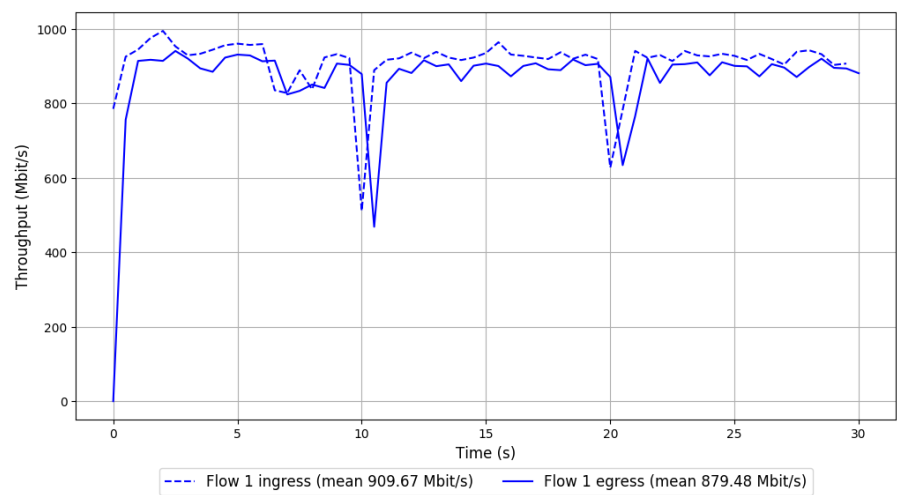
-- Flow 1:

Average throughput: 879.48 Mbit/s

95th percentile per-packet one-way delay: 9.474 ms

Loss rate: 3.32%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-03-08 21:54:11

End at: 2019-03-08 21:54:42

Local clock offset: 1.853 ms

Remote clock offset: 2.261 ms

Below is generated by plot.py at 2019-03-09 00:13:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 891.61 Mbit/s

95th percentile per-packet one-way delay: 6.817 ms

Loss rate: 3.61%

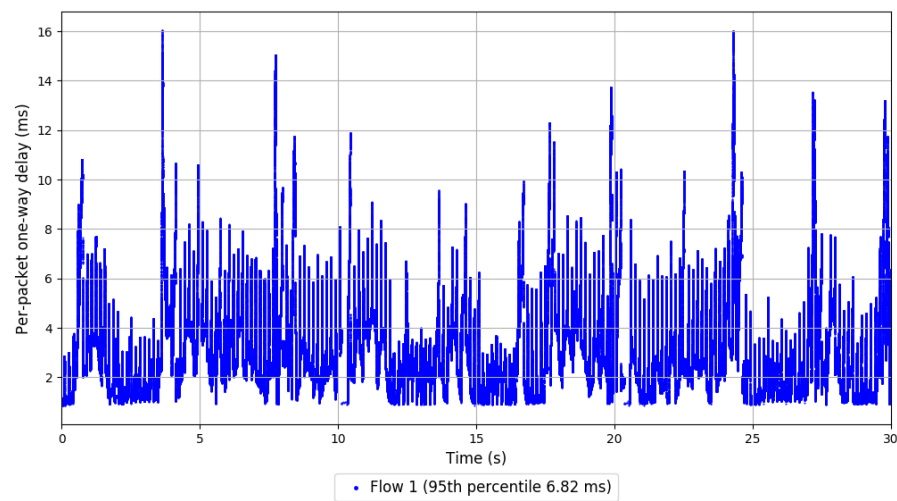
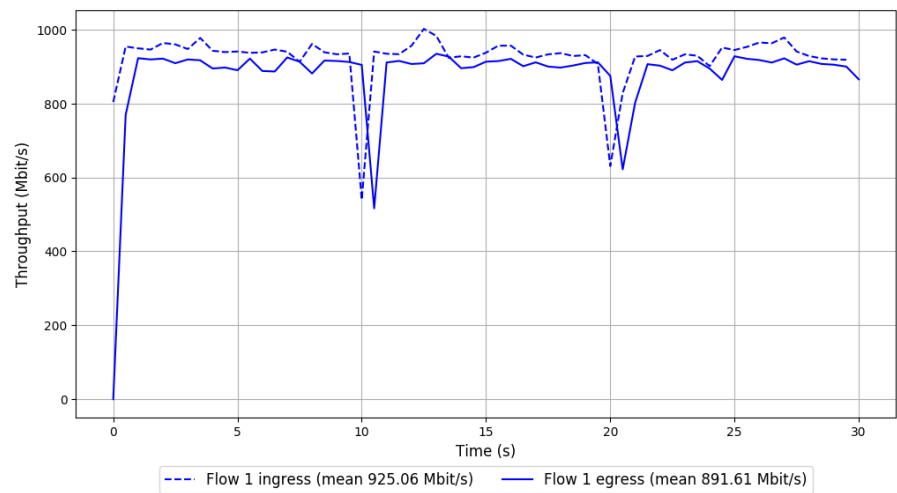
-- Flow 1:

Average throughput: 891.61 Mbit/s

95th percentile per-packet one-way delay: 6.817 ms

Loss rate: 3.61%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2019-03-08 22:23:06

End at: 2019-03-08 22:23:36

Local clock offset: 1.421 ms

Remote clock offset: 4.375 ms

Below is generated by plot.py at 2019-03-09 00:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 887.63 Mbit/s

95th percentile per-packet one-way delay: 8.197 ms

Loss rate: 4.31%

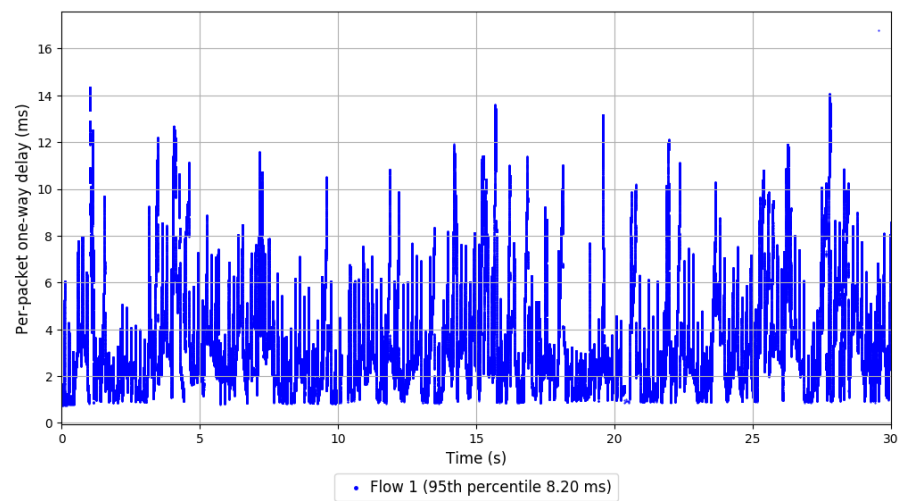
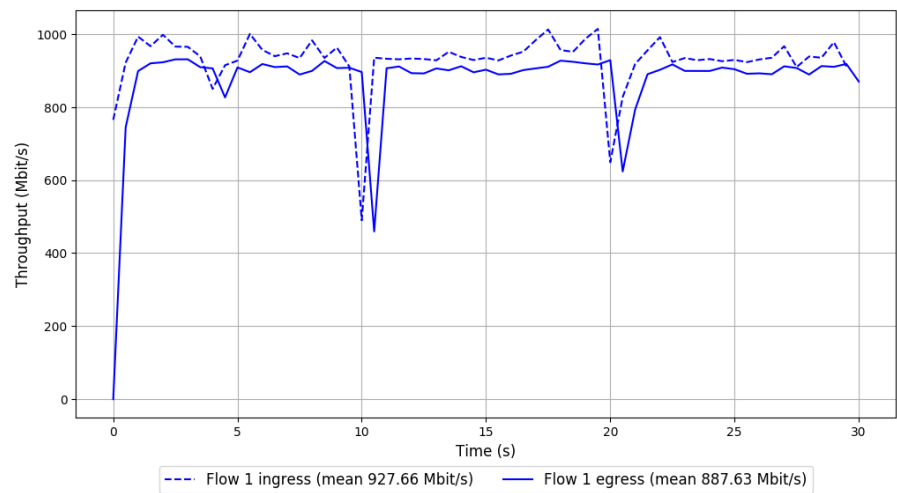
-- Flow 1:

Average throughput: 887.63 Mbit/s

95th percentile per-packet one-way delay: 8.197 ms

Loss rate: 4.31%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-03-08 22:51:46

End at: 2019-03-08 22:52:16

Local clock offset: 1.881 ms

Remote clock offset: 0.629 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 879.50 Mbit/s

95th percentile per-packet one-way delay: 8.422 ms

Loss rate: 3.63%

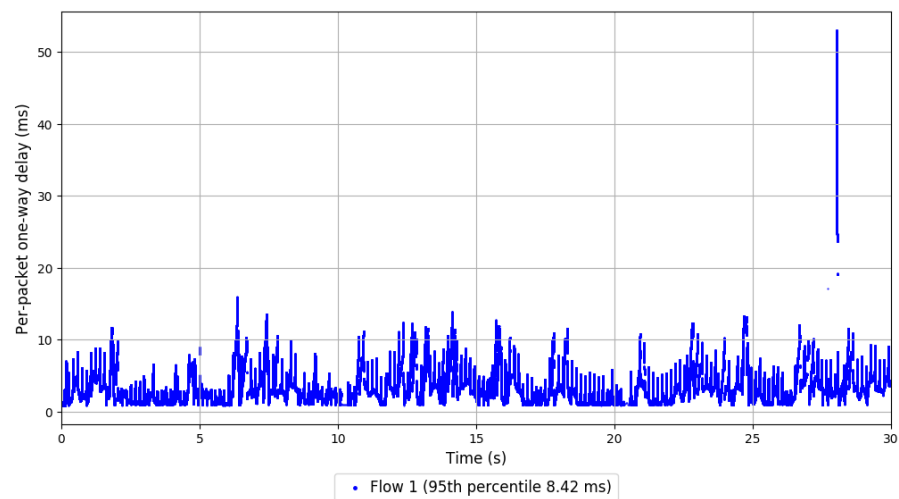
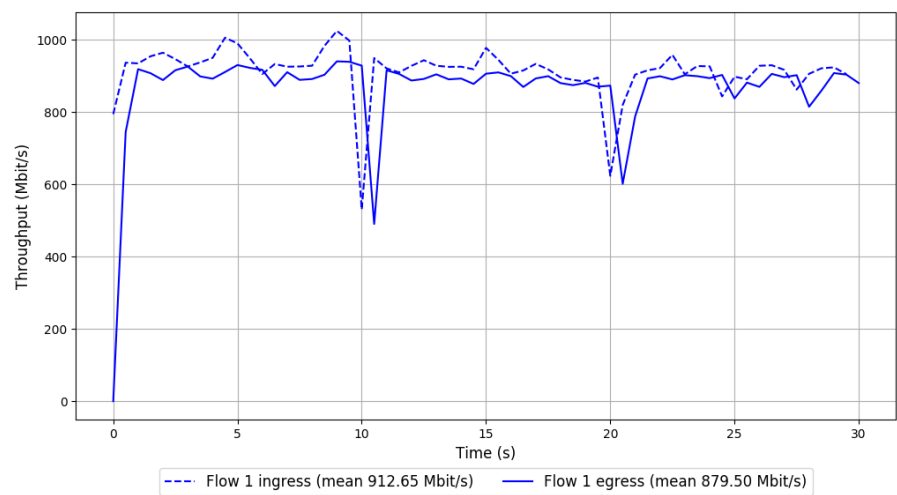
-- Flow 1:

Average throughput: 879.50 Mbit/s

95th percentile per-packet one-way delay: 8.422 ms

Loss rate: 3.63%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-03-08 23:20:30

End at: 2019-03-08 23:21:00

Local clock offset: 3.603 ms

Remote clock offset: 0.928 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 875.70 Mbit/s

95th percentile per-packet one-way delay: 9.004 ms

Loss rate: 3.73%

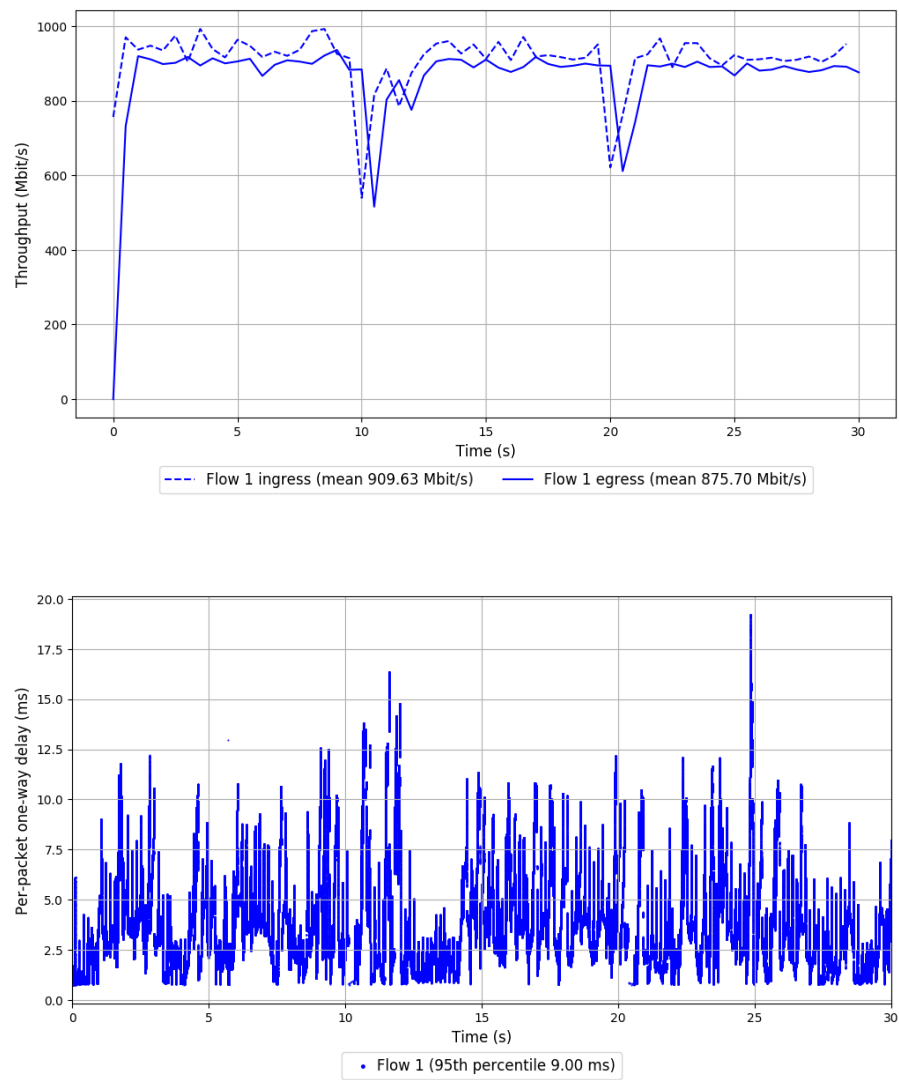
-- Flow 1:

Average throughput: 875.70 Mbit/s

95th percentile per-packet one-way delay: 9.004 ms

Loss rate: 3.73%

Run 5: Report of FillP-Sheep — Data Link

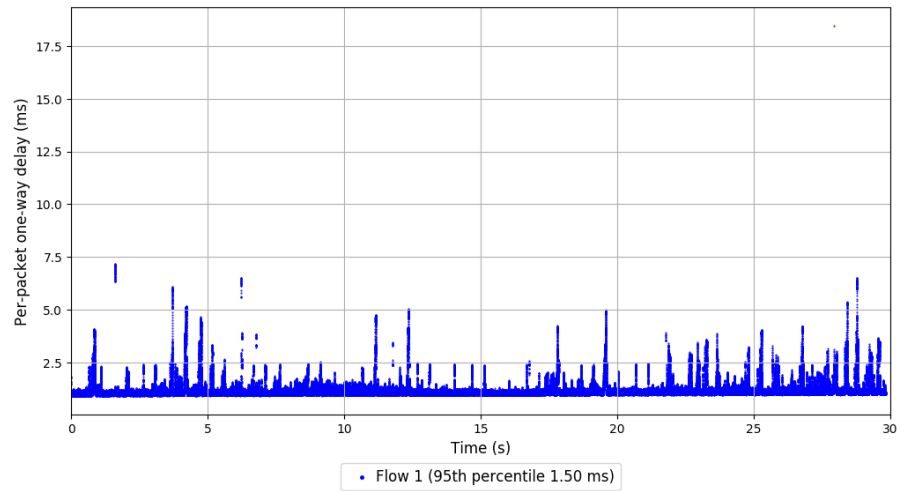
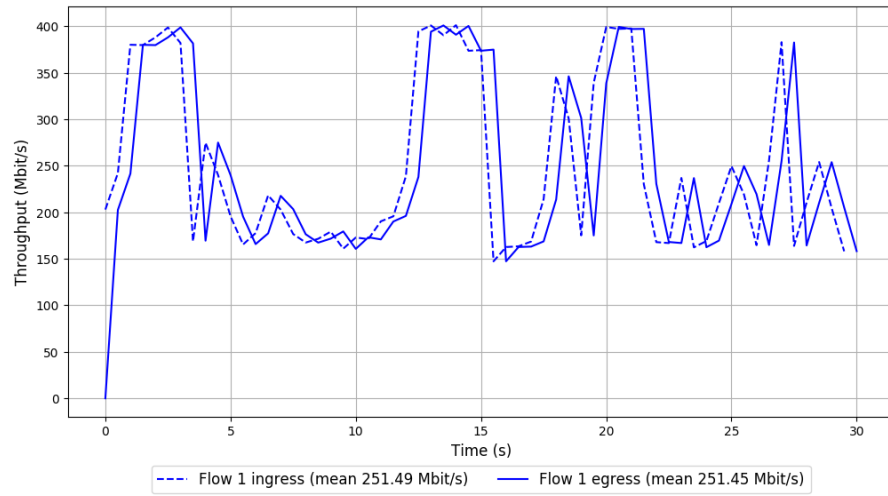


```
Run 1: Statistics of Indigo

Start at: 2019-03-08 21:28:25
End at: 2019-03-08 21:28:55
Local clock offset: -2.099 ms
Remote clock offset: 0.54 ms

# Below is generated by plot.py at 2019-03-09 00:21:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 251.45 Mbit/s
95th percentile per-packet one-way delay: 1.497 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 251.45 Mbit/s
95th percentile per-packet one-way delay: 1.497 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-03-08 21:57:03

End at: 2019-03-08 21:57:33

Local clock offset: 2.361 ms

Remote clock offset: 2.789 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 225.65 Mbit/s

95th percentile per-packet one-way delay: 1.429 ms

Loss rate: 0.01%

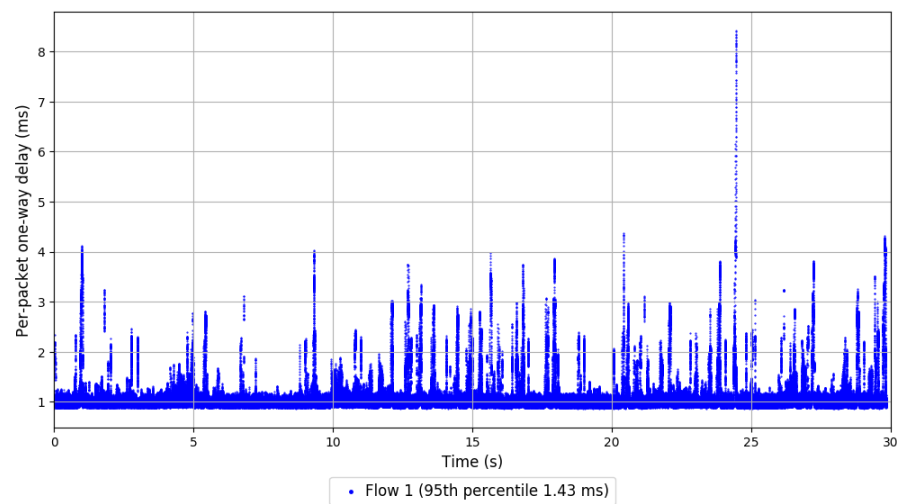
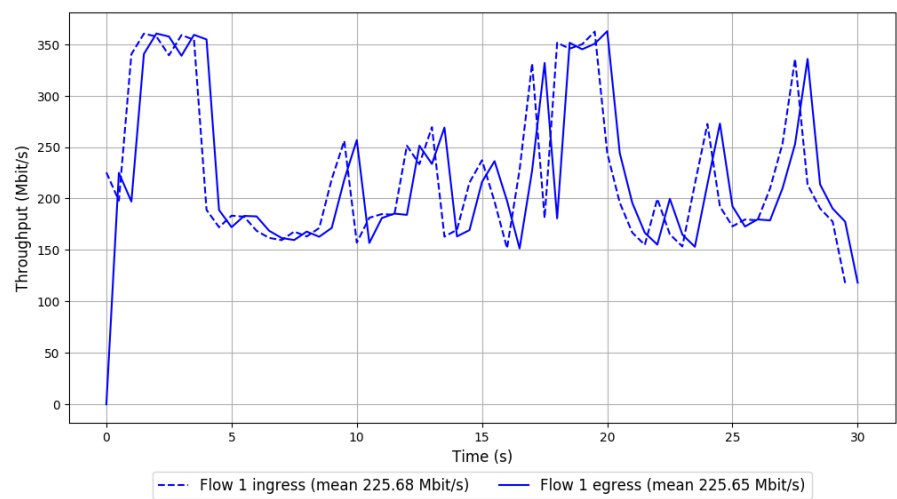
-- Flow 1:

Average throughput: 225.65 Mbit/s

95th percentile per-packet one-way delay: 1.429 ms

Loss rate: 0.01%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-03-08 22:25:58

End at: 2019-03-08 22:26:28

Local clock offset: 1.003 ms

Remote clock offset: 3.178 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 228.90 Mbit/s

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

Loss rate: 0.02%

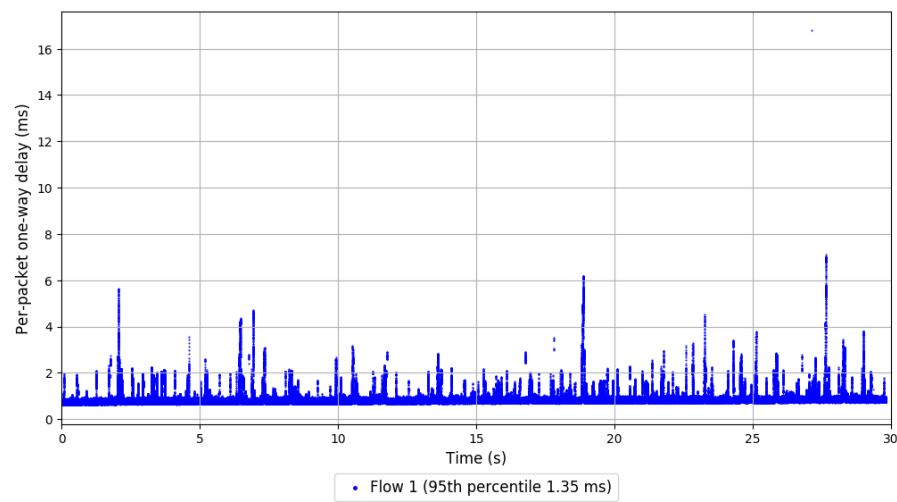
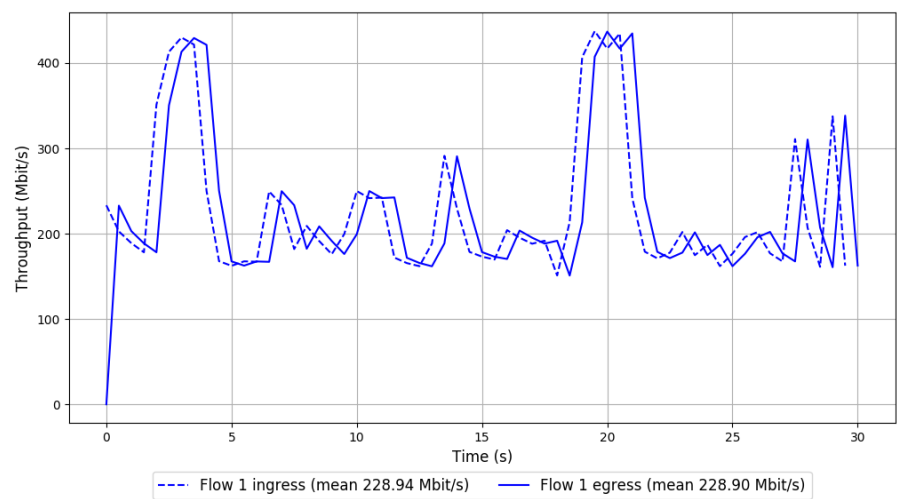
-- Flow 1:

Average throughput: 228.90 Mbit/s

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

Loss rate: 0.02%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-03-08 22:54:37

End at: 2019-03-08 22:55:07

Local clock offset: 2.386 ms

Remote clock offset: 0.578 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 223.76 Mbit/s

95th percentile per-packet one-way delay: 1.268 ms

Loss rate: 0.12%

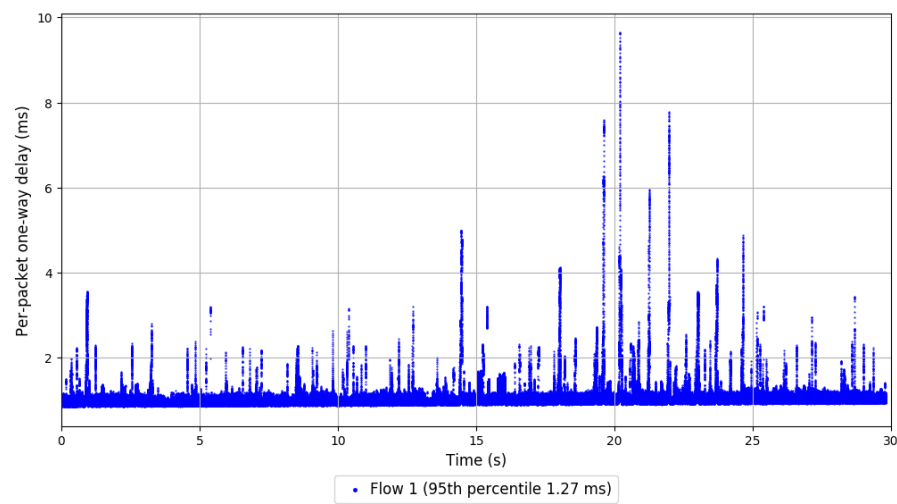
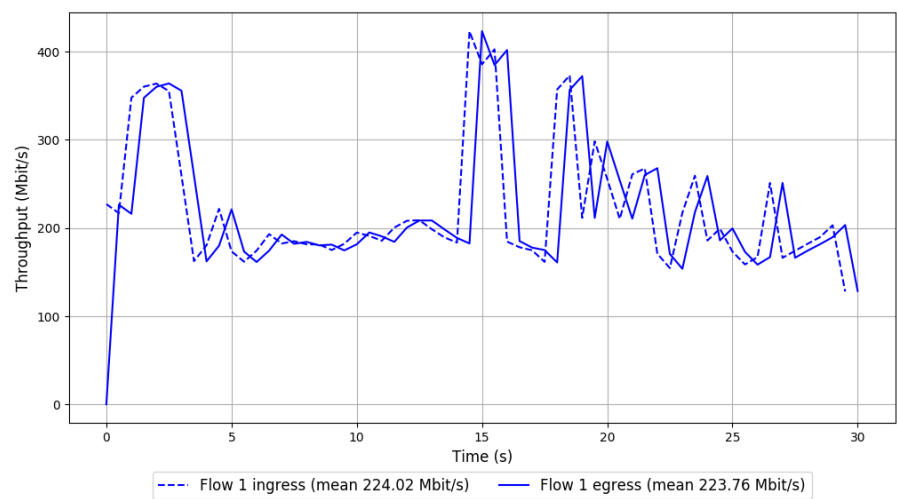
-- Flow 1:

Average throughput: 223.76 Mbit/s

95th percentile per-packet one-way delay: 1.268 ms

Loss rate: 0.12%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-03-08 23:23:20

End at: 2019-03-08 23:23:50

Local clock offset: 3.564 ms

Remote clock offset: 0.952 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 207.99 Mbit/s

95th percentile per-packet one-way delay: 1.325 ms

Loss rate: 0.00%

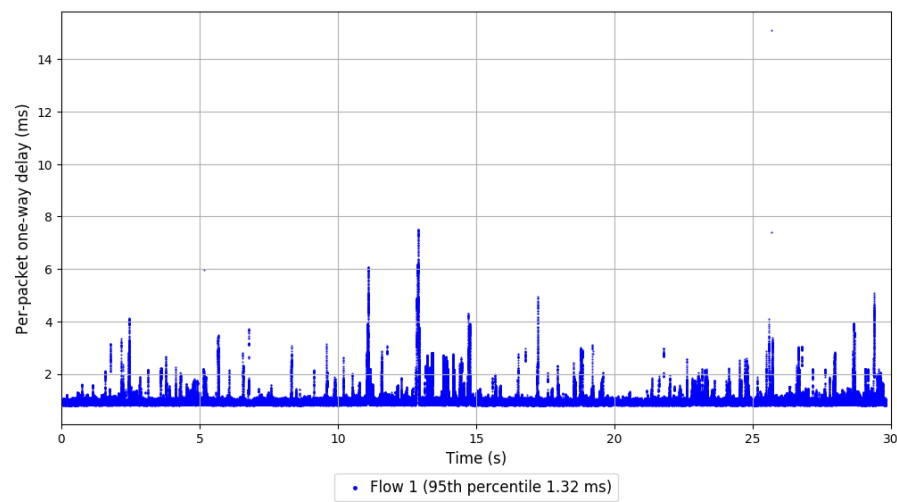
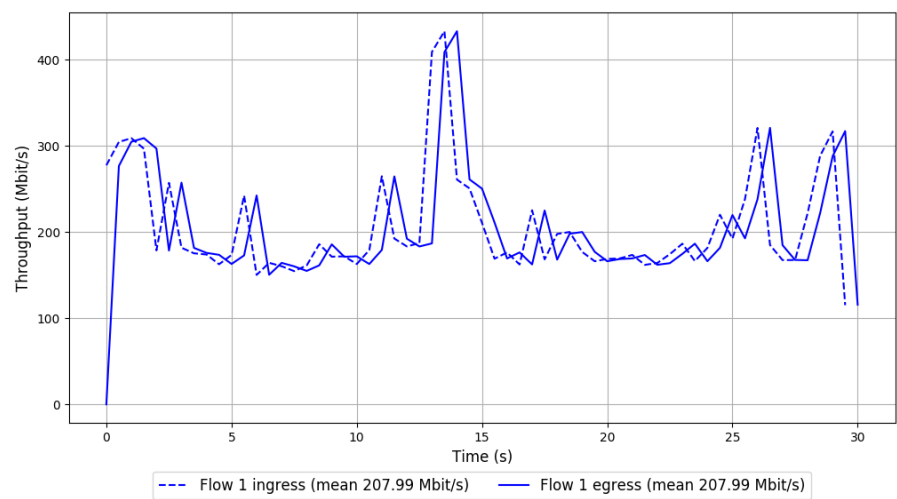
-- Flow 1:

Average throughput: 207.99 Mbit/s

95th percentile per-packet one-way delay: 1.325 ms

Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-03-08 21:45:45

End at: 2019-03-08 21:46:15

Local clock offset: -0.941 ms

Remote clock offset: 0.379 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 263.23 Mbit/s

95th percentile per-packet one-way delay: 1.755 ms

Loss rate: 0.02%

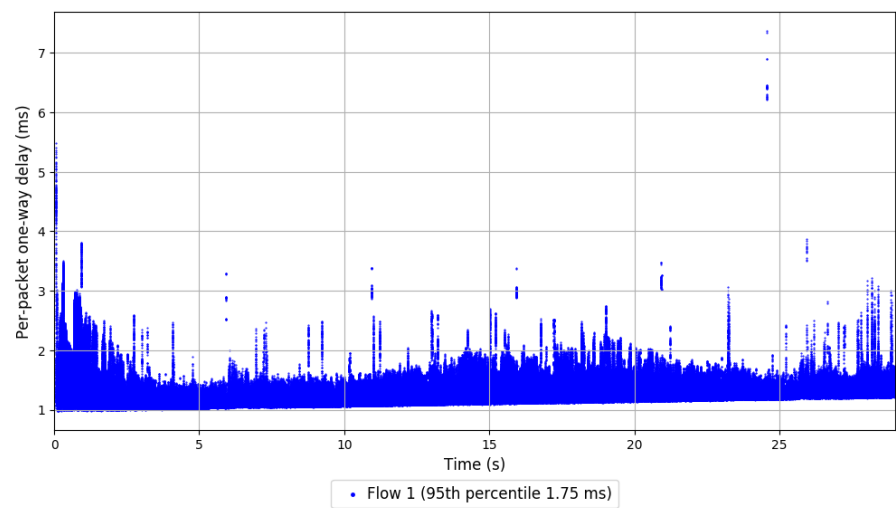
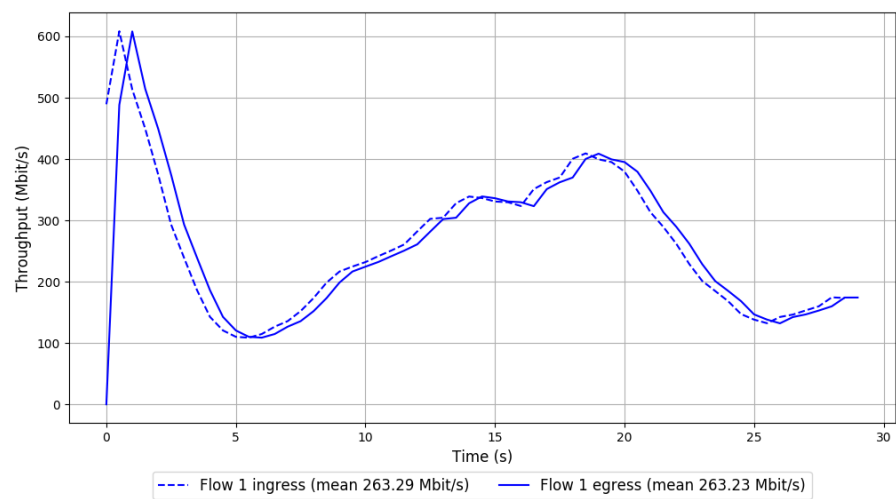
-- Flow 1:

Average throughput: 263.23 Mbit/s

95th percentile per-packet one-way delay: 1.755 ms

Loss rate: 0.02%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-03-08 22:14:50

End at: 2019-03-08 22:15:20

Local clock offset: 3.568 ms

Remote clock offset: 4.635 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 247.06 Mbit/s

95th percentile per-packet one-way delay: 1.549 ms

Loss rate: 0.12%

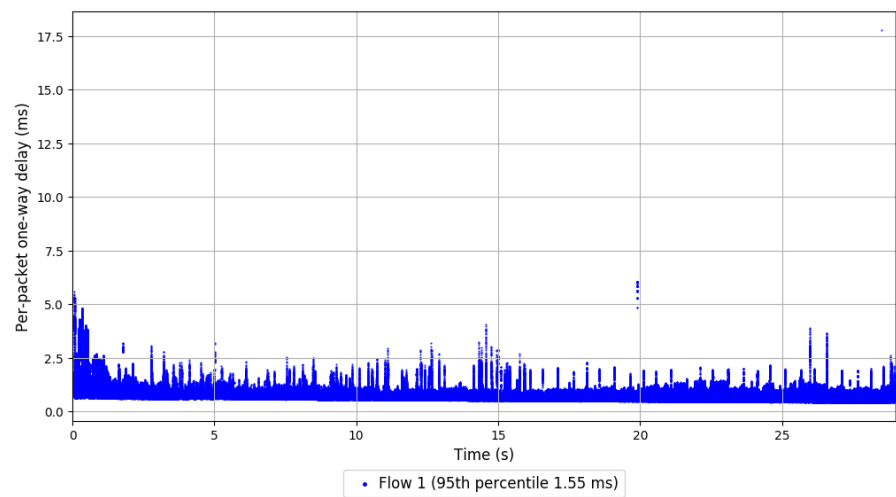
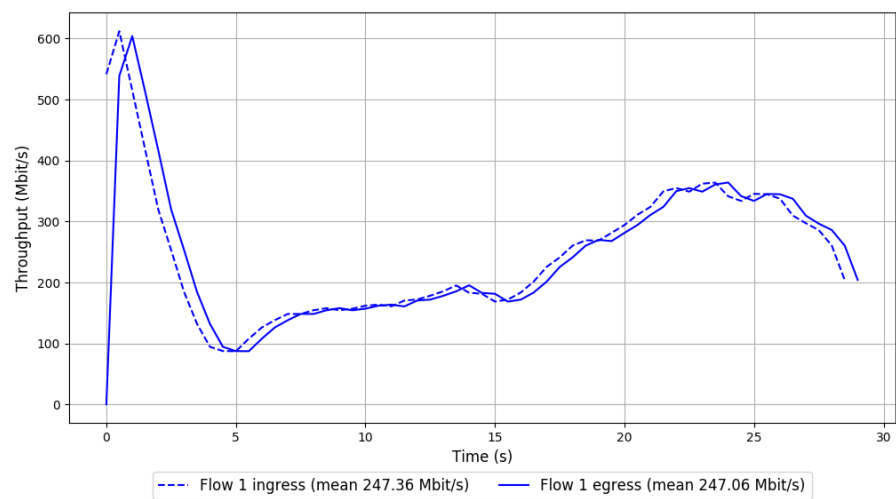
-- Flow 1:

Average throughput: 247.06 Mbit/s

95th percentile per-packet one-way delay: 1.549 ms

Loss rate: 0.12%

Run 2: Report of Indigo-MusesC3 — Data Link



Run 3: Statistics of Indigo-MusesC3

Start at: 2019-03-08 22:43:24

End at: 2019-03-08 22:43:54

Local clock offset: -0.303 ms

Remote clock offset: 0.795 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 195.93 Mbit/s

95th percentile per-packet one-way delay: 1.729 ms

Loss rate: 0.18%

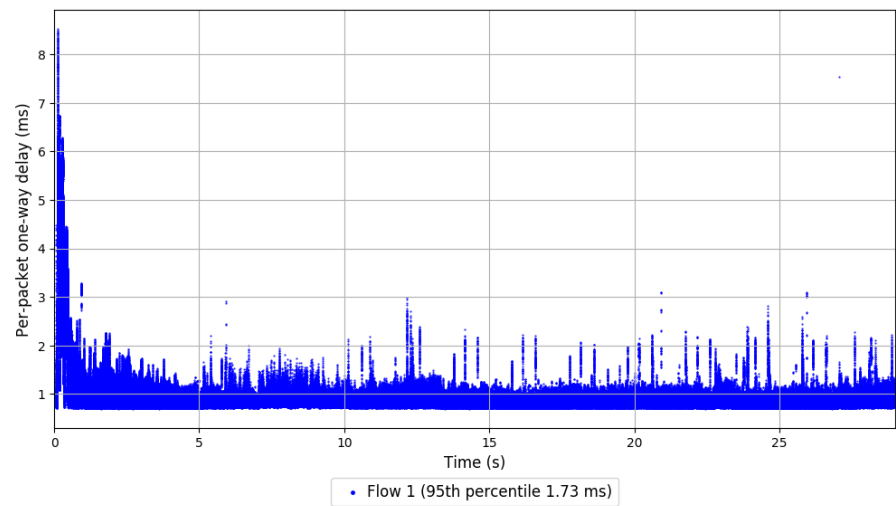
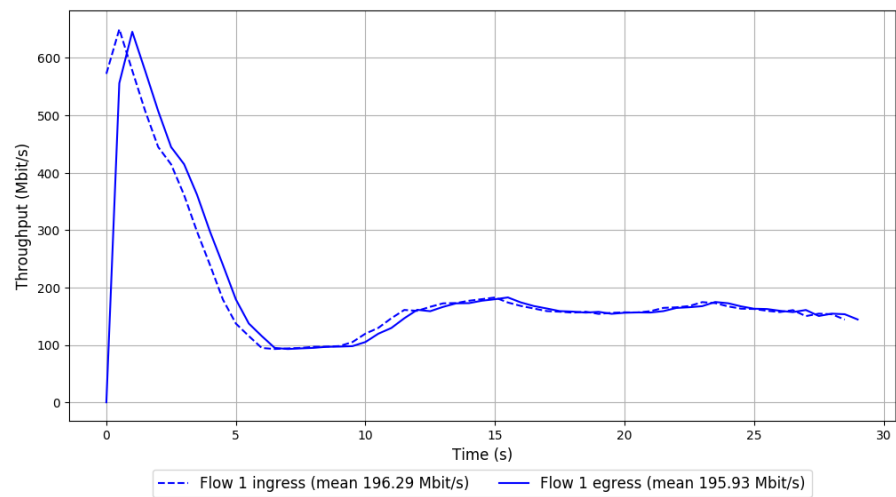
-- Flow 1:

Average throughput: 195.93 Mbit/s

95th percentile per-packet one-way delay: 1.729 ms

Loss rate: 0.18%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-03-08 23:12:11

End at: 2019-03-08 23:12:41

Local clock offset: 3.724 ms

Remote clock offset: 0.854 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 173.18 Mbit/s

95th percentile per-packet one-way delay: 1.381 ms

Loss rate: 0.04%

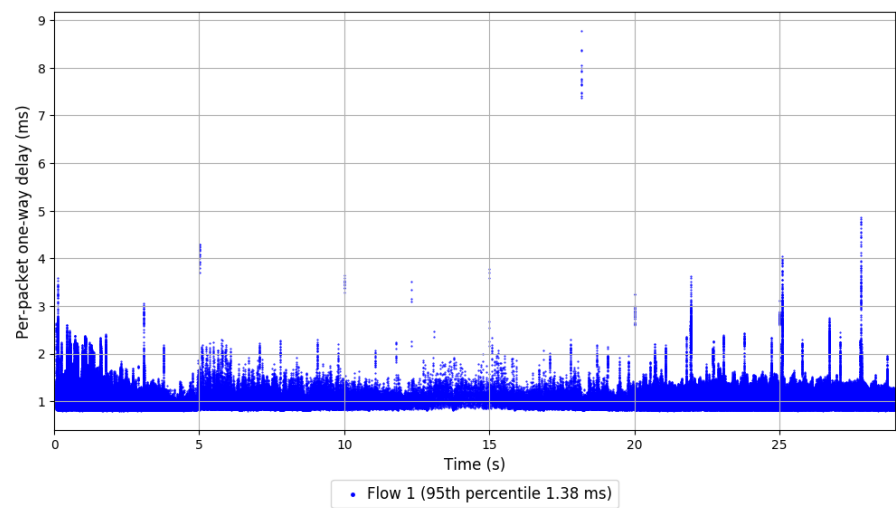
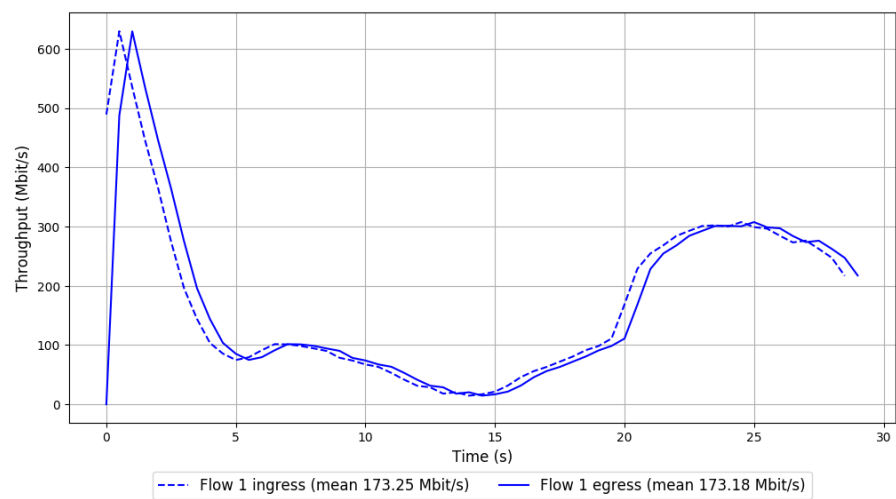
-- Flow 1:

Average throughput: 173.18 Mbit/s

95th percentile per-packet one-way delay: 1.381 ms

Loss rate: 0.04%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-03-08 23:40:45

End at: 2019-03-08 23:41:15

Local clock offset: 3.569 ms

Remote clock offset: 3.461 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 204.75 Mbit/s

95th percentile per-packet one-way delay: 1.761 ms

Loss rate: 0.07%

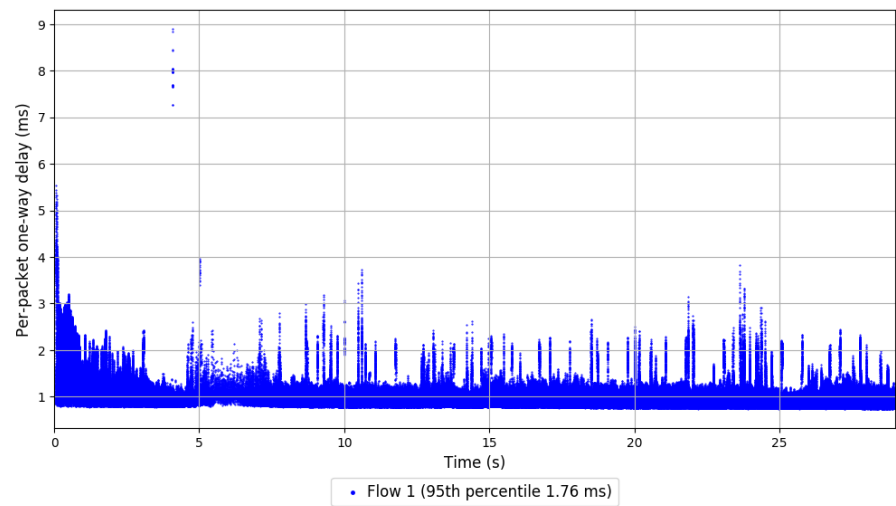
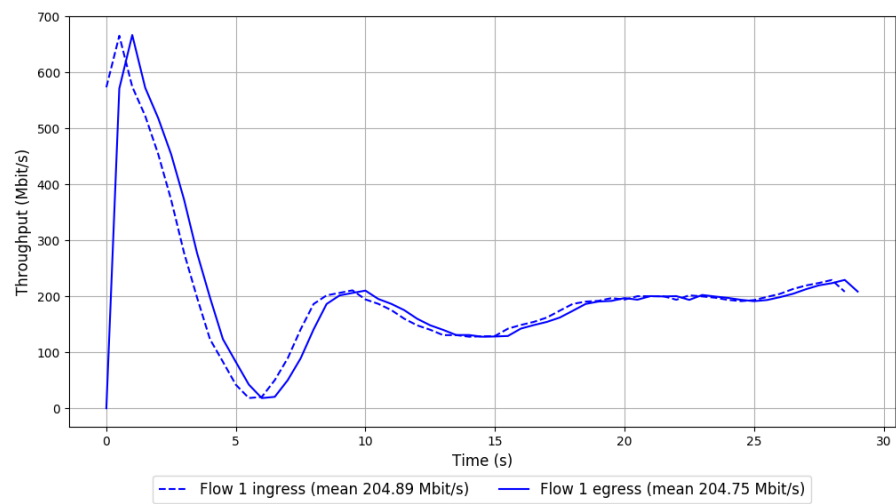
-- Flow 1:

Average throughput: 204.75 Mbit/s

95th percentile per-packet one-way delay: 1.761 ms

Loss rate: 0.07%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-03-08 21:42:57

End at: 2019-03-08 21:43:27

Local clock offset: -1.578 ms

Remote clock offset: 0.448 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 251.18 Mbit/s

95th percentile per-packet one-way delay: 1.610 ms

Loss rate: 0.10%

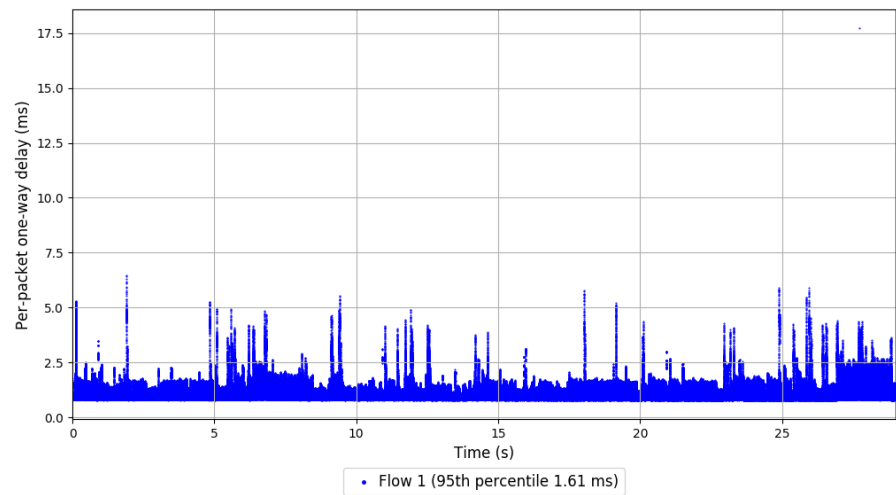
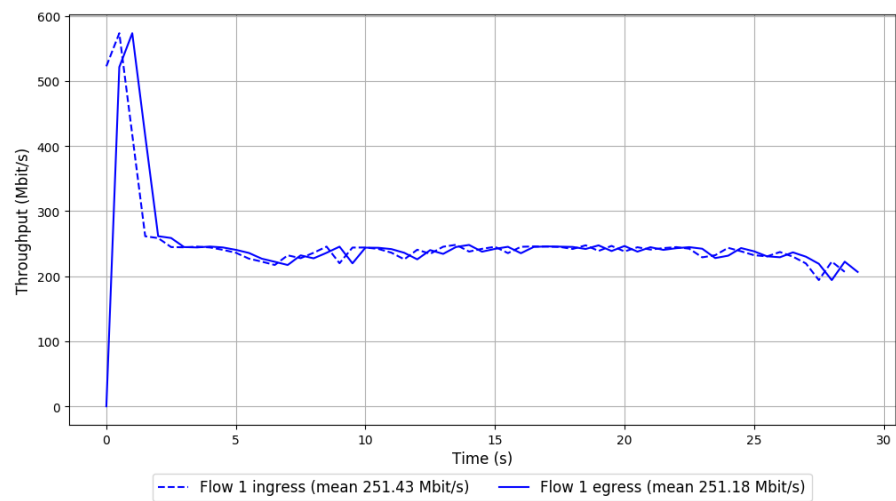
-- Flow 1:

Average throughput: 251.18 Mbit/s

95th percentile per-packet one-way delay: 1.610 ms

Loss rate: 0.10%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-03-08 22:12:04

End at: 2019-03-08 22:12:34

Local clock offset: 3.567 ms

Remote clock offset: 4.354 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.06 Mbit/s

95th percentile per-packet one-way delay: 1.633 ms

Loss rate: 0.07%

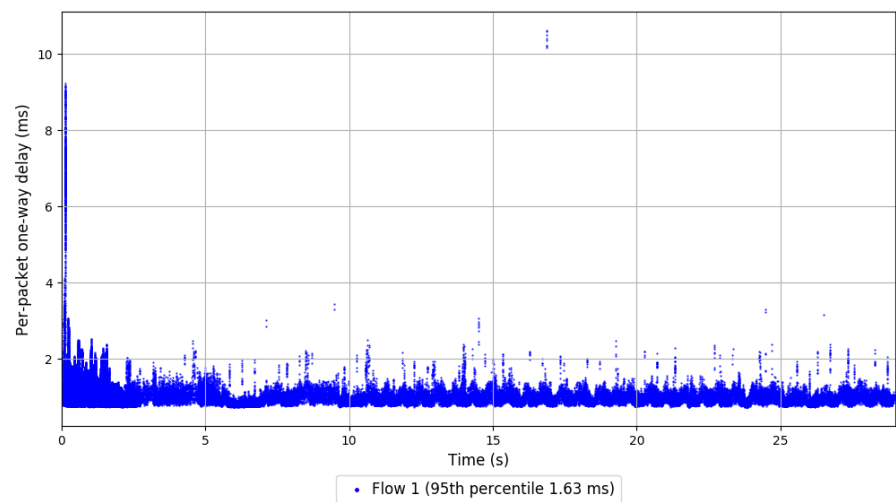
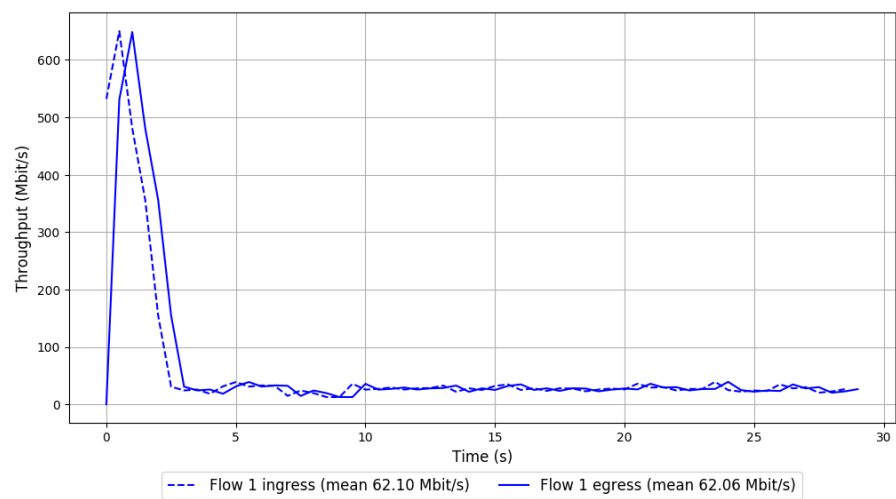
-- Flow 1:

Average throughput: 62.06 Mbit/s

95th percentile per-packet one-way delay: 1.633 ms

Loss rate: 0.07%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-03-08 22:40:34

End at: 2019-03-08 22:41:04

Local clock offset: -0.138 ms

Remote clock offset: 1.048 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 121.97 Mbit/s

95th percentile per-packet one-way delay: 2.108 ms

Loss rate: 0.01%

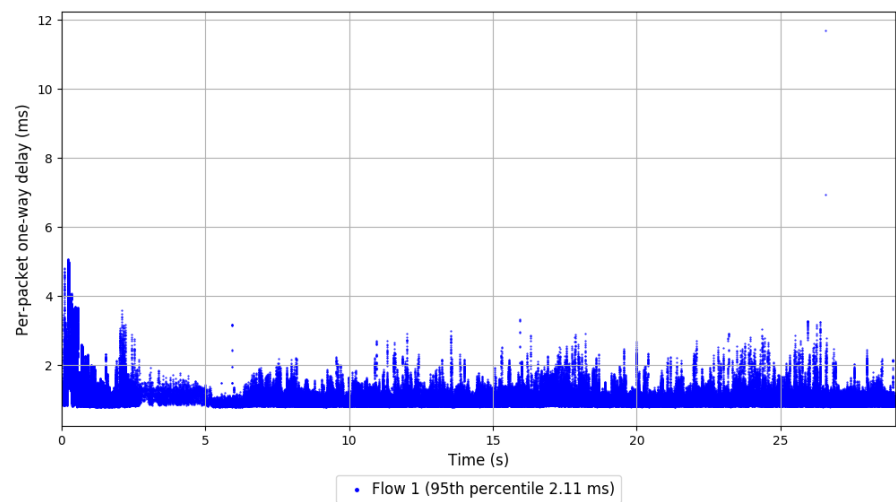
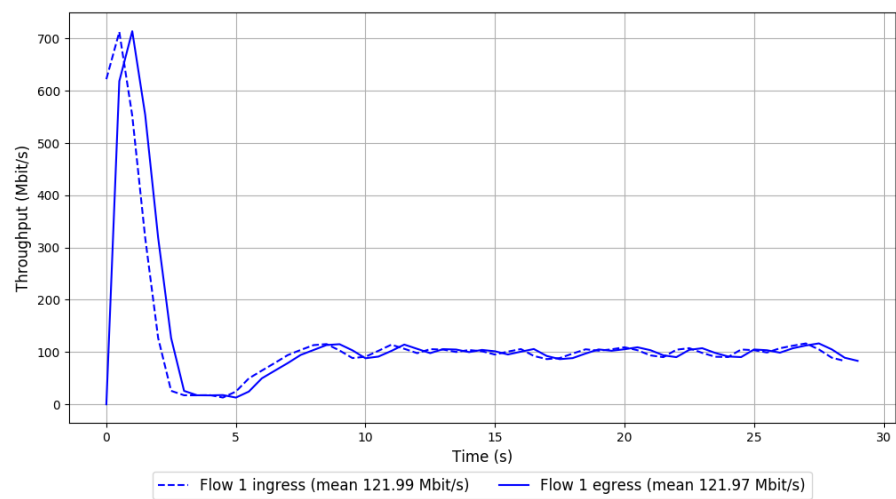
-- Flow 1:

Average throughput: 121.97 Mbit/s

95th percentile per-packet one-way delay: 2.108 ms

Loss rate: 0.01%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-03-08 23:09:19

End at: 2019-03-08 23:09:49

Local clock offset: 3.628 ms

Remote clock offset: 0.91 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 134.20 Mbit/s

95th percentile per-packet one-way delay: 1.764 ms

Loss rate: 0.02%

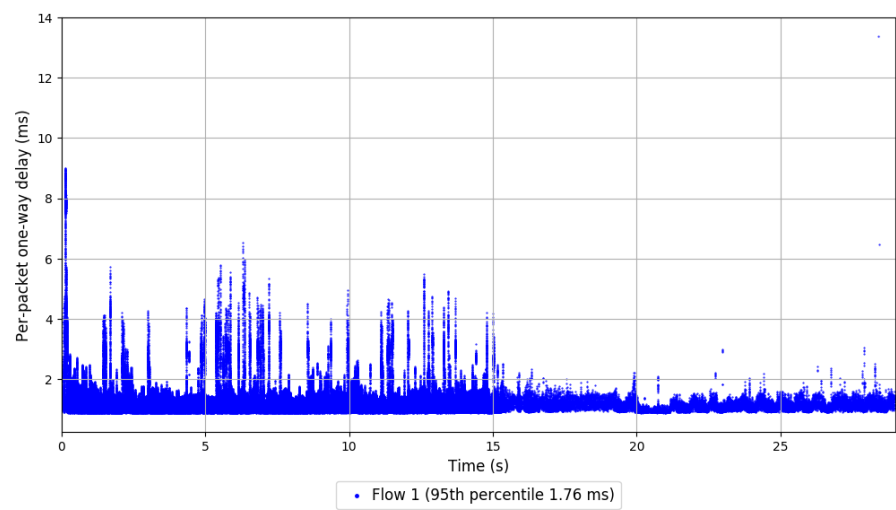
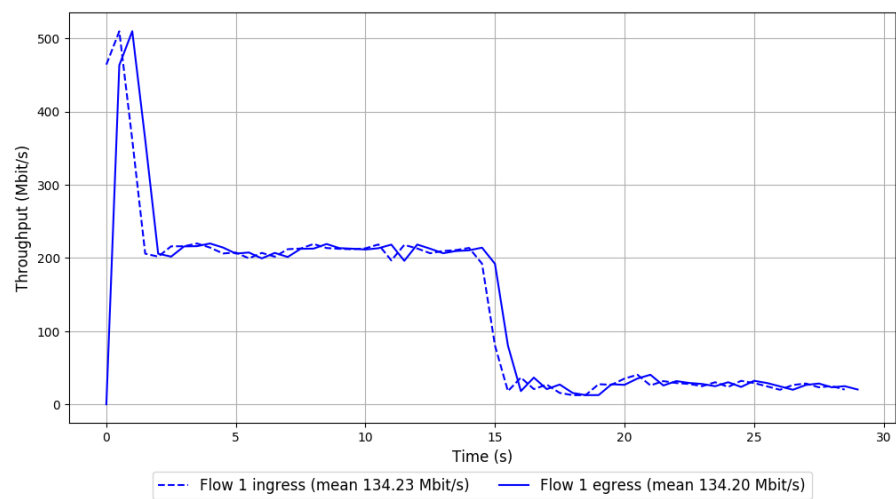
-- Flow 1:

Average throughput: 134.20 Mbit/s

95th percentile per-packet one-way delay: 1.764 ms

Loss rate: 0.02%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-03-08 23:37:54

End at: 2019-03-08 23:38:24

Local clock offset: 3.56 ms

Remote clock offset: 2.988 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 105.87 Mbit/s

95th percentile per-packet one-way delay: 1.452 ms

Loss rate: 0.19%

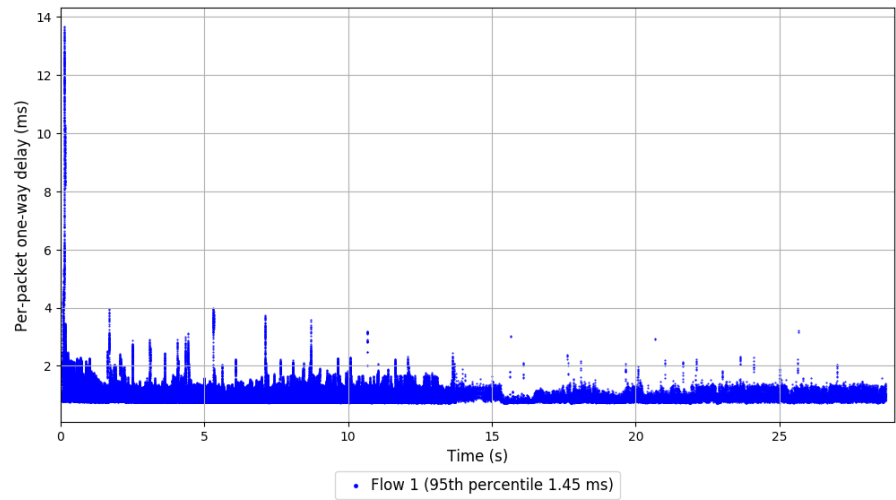
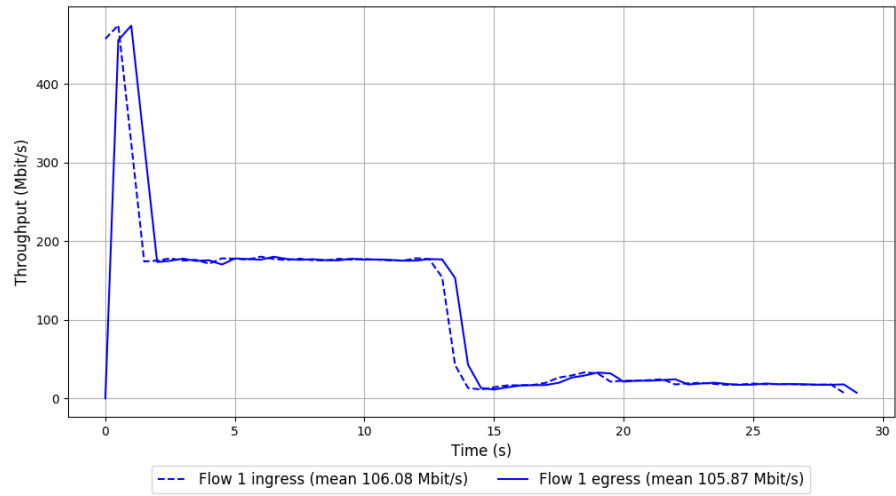
-- Flow 1:

Average throughput: 105.87 Mbit/s

95th percentile per-packet one-way delay: 1.452 ms

Loss rate: 0.19%

Run 5: Report of Indigo-MusesC5 — Data Link

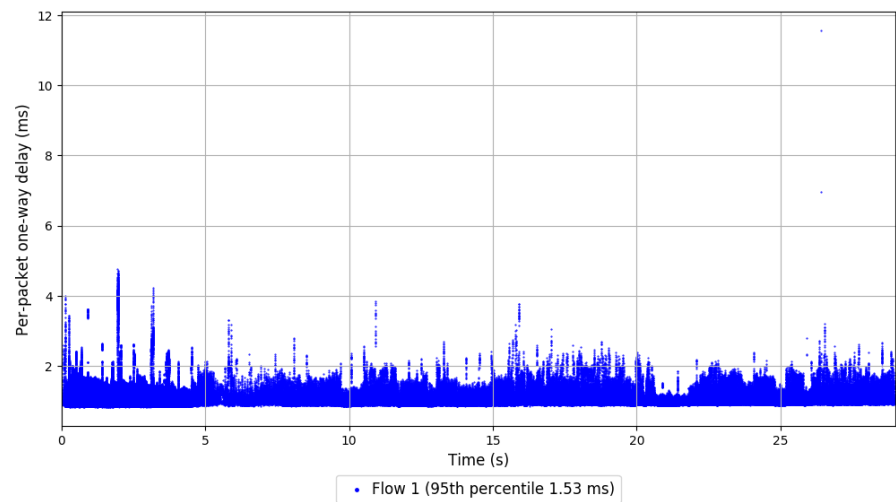
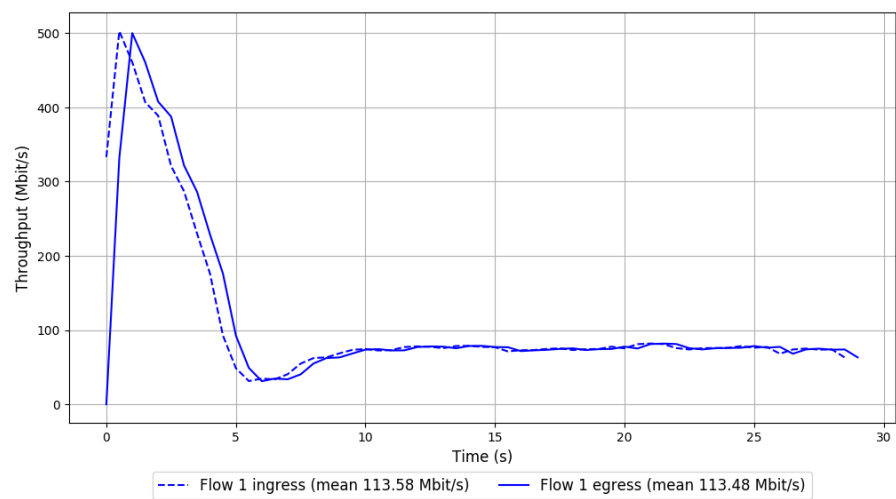



```
Run 1: Statistics of Indigo-MusesD

Start at: 2019-03-08 21:29:49
End at: 2019-03-08 21:30:19
Local clock offset: -1.866 ms
Remote clock offset: 0.522 ms

# Below is generated by plot.py at 2019-03-09 00:21:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 113.48 Mbit/s
95th percentile per-packet one-way delay: 1.535 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 113.48 Mbit/s
95th percentile per-packet one-way delay: 1.535 ms
Loss rate: 0.09%
```

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-03-08 21:58:25

End at: 2019-03-08 21:58:55

Local clock offset: 2.573 ms

Remote clock offset: 2.999 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 133.62 Mbit/s

95th percentile per-packet one-way delay: 1.626 ms

Loss rate: 0.03%

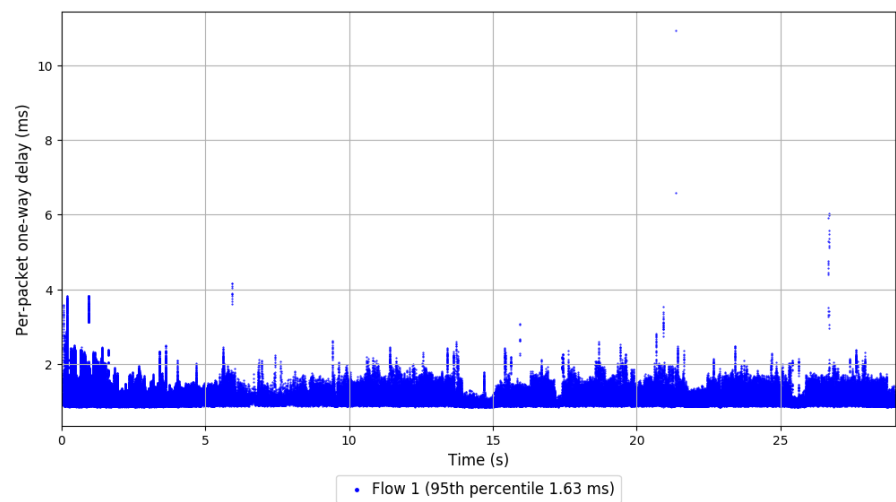
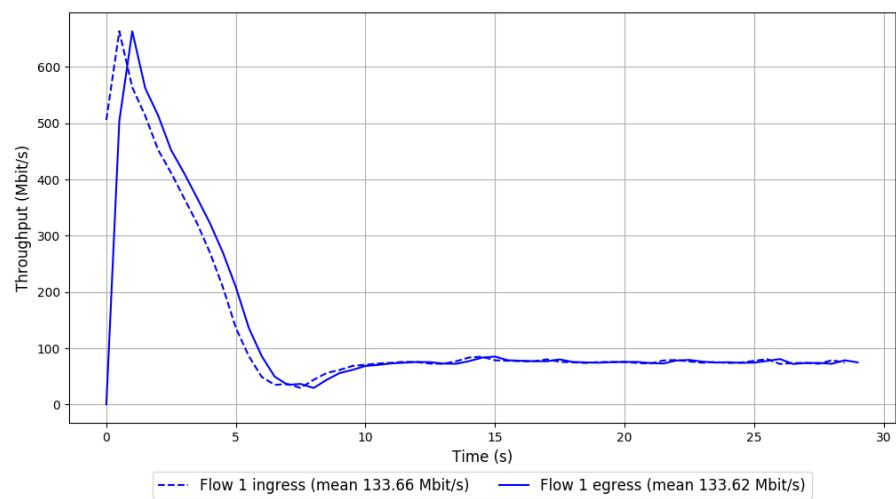
-- Flow 1:

Average throughput: 133.62 Mbit/s

95th percentile per-packet one-way delay: 1.626 ms

Loss rate: 0.03%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-03-08 22:27:21

End at: 2019-03-08 22:27:51

Local clock offset: 0.85 ms

Remote clock offset: 2.821 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.75 Mbit/s

95th percentile per-packet one-way delay: 1.395 ms

Loss rate: 0.04%

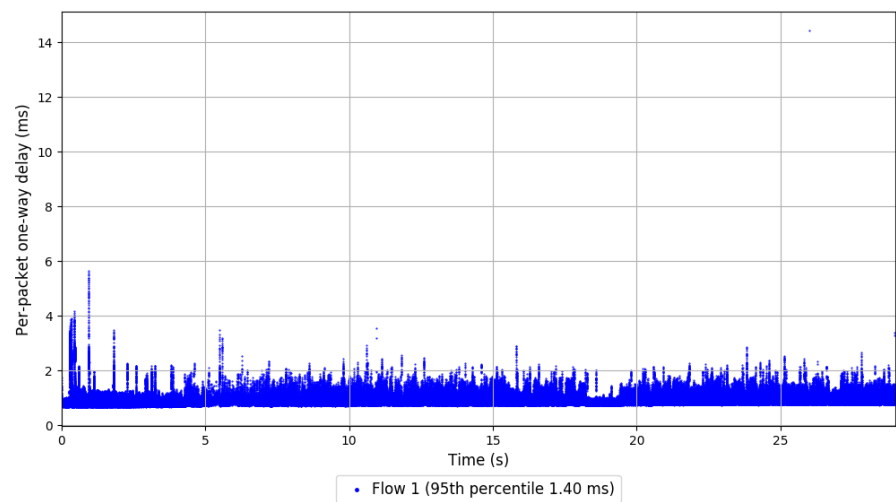
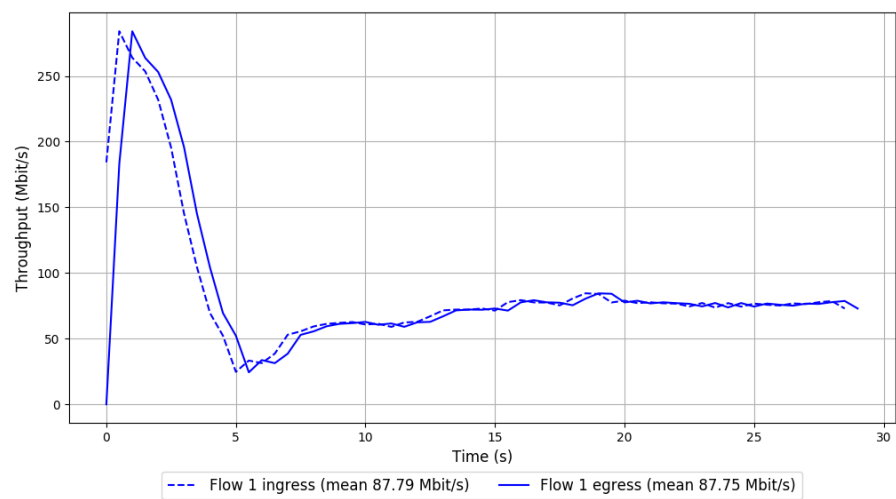
-- Flow 1:

Average throughput: 87.75 Mbit/s

95th percentile per-packet one-way delay: 1.395 ms

Loss rate: 0.04%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-03-08 22:55:59

End at: 2019-03-08 22:56:29

Local clock offset: 2.587 ms

Remote clock offset: 0.596 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 141.46 Mbit/s

95th percentile per-packet one-way delay: 1.605 ms

Loss rate: 0.02%

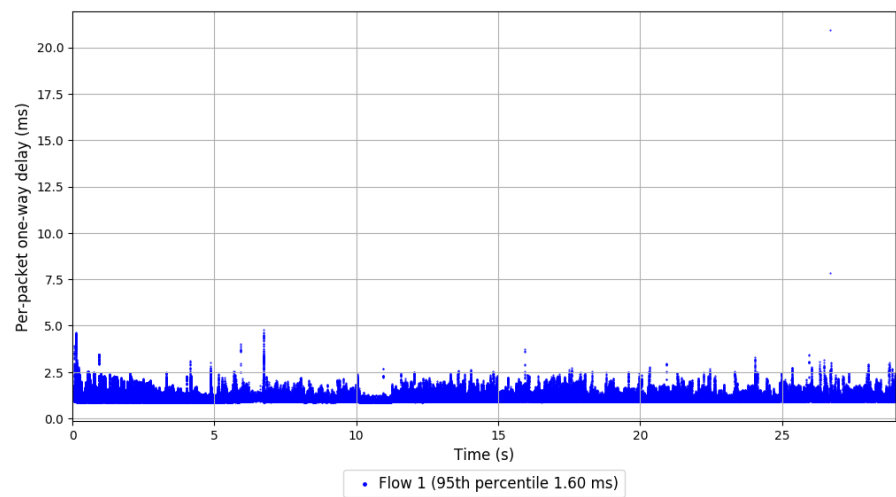
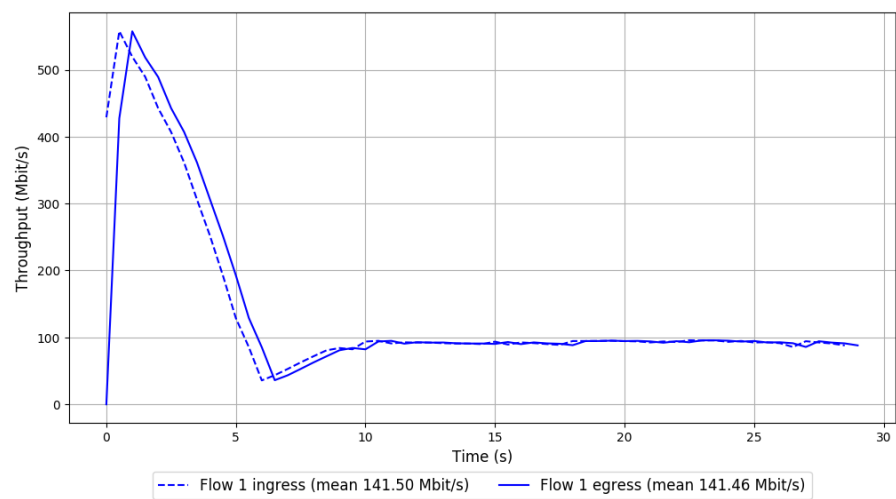
-- Flow 1:

Average throughput: 141.46 Mbit/s

95th percentile per-packet one-way delay: 1.605 ms

Loss rate: 0.02%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-03-08 23:24:42

End at: 2019-03-08 23:25:12

Local clock offset: 3.534 ms

Remote clock offset: 0.873 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.63 Mbit/s

95th percentile per-packet one-way delay: 1.397 ms

Loss rate: 0.02%

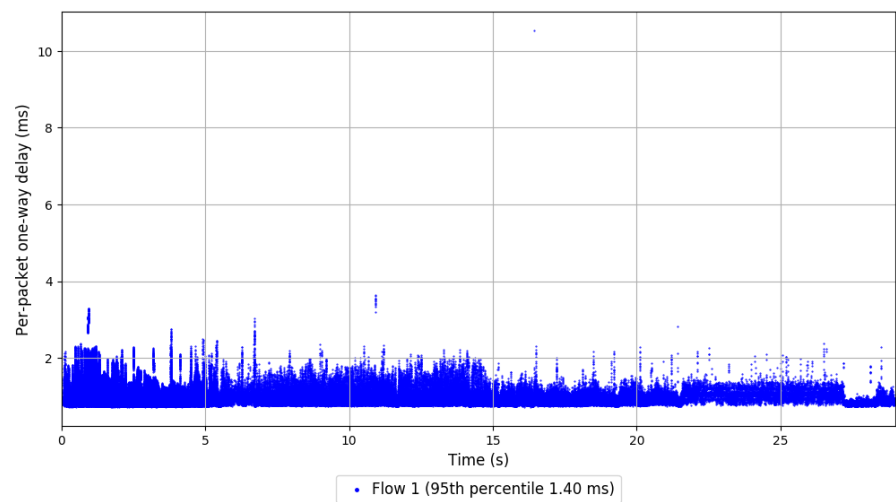
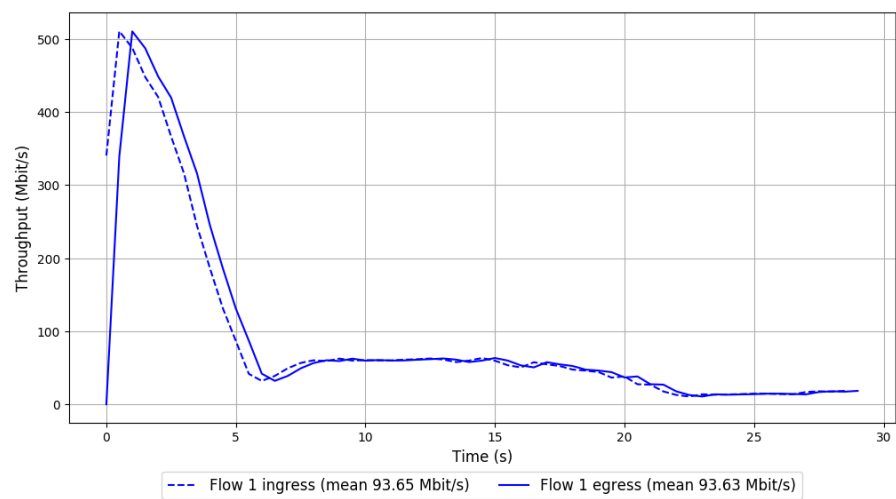
-- Flow 1:

Average throughput: 93.63 Mbit/s

95th percentile per-packet one-way delay: 1.397 ms

Loss rate: 0.02%

Run 5: Report of Indigo-MusesD — Data Link

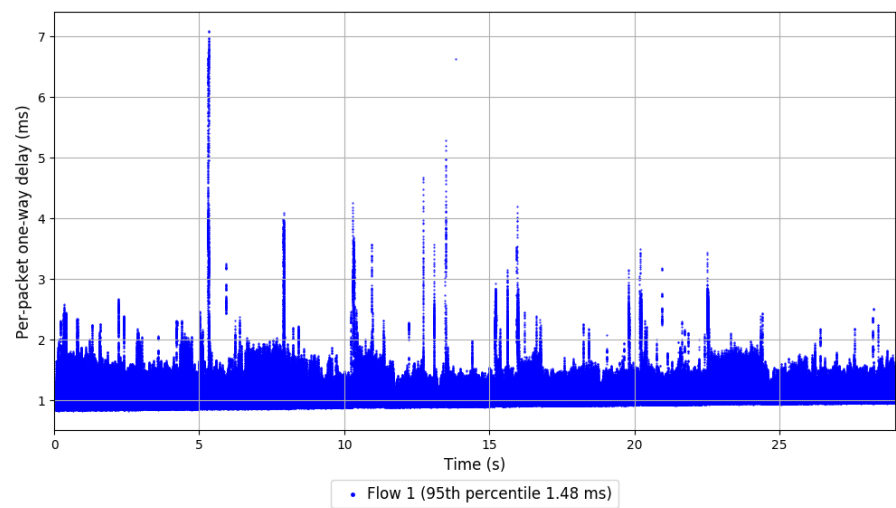
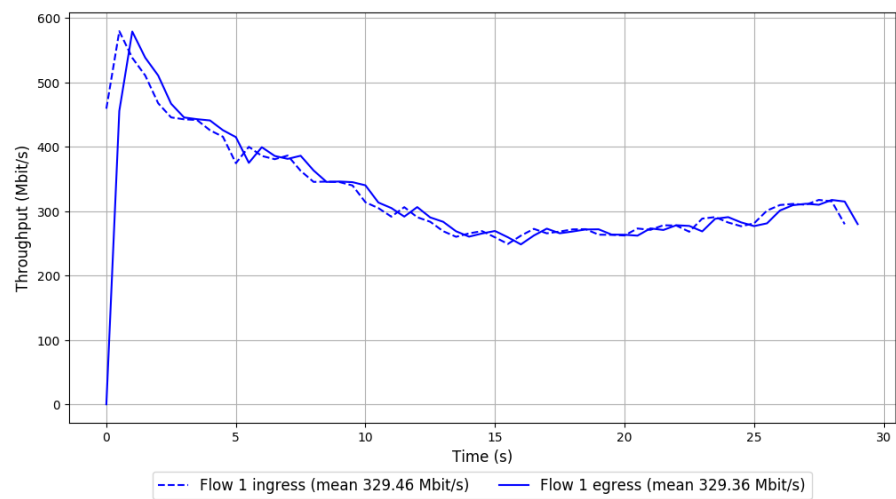


```
Run 1: Statistics of Indigo-MusesT

Start at: 2019-03-08 21:24:10
End at: 2019-03-08 21:24:40
Local clock offset: -2.941 ms
Remote clock offset: 0.475 ms

# Below is generated by plot.py at 2019-03-09 00:21:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 329.36 Mbit/s
95th percentile per-packet one-way delay: 1.483 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 329.36 Mbit/s
95th percentile per-packet one-way delay: 1.483 ms
Loss rate: 0.03%
```

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-03-08 21:52:48

End at: 2019-03-08 21:53:18

Local clock offset: 1.529 ms

Remote clock offset: 1.901 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 319.86 Mbit/s

95th percentile per-packet one-way delay: 1.545 ms

Loss rate: 0.07%

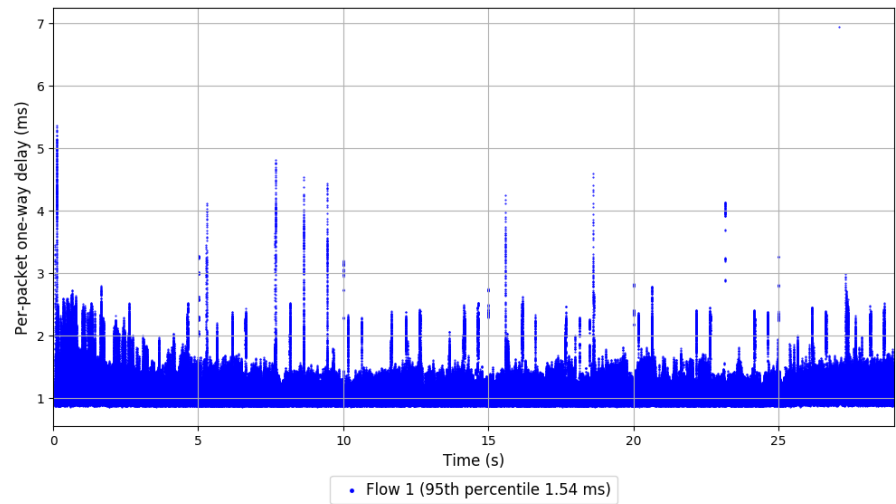
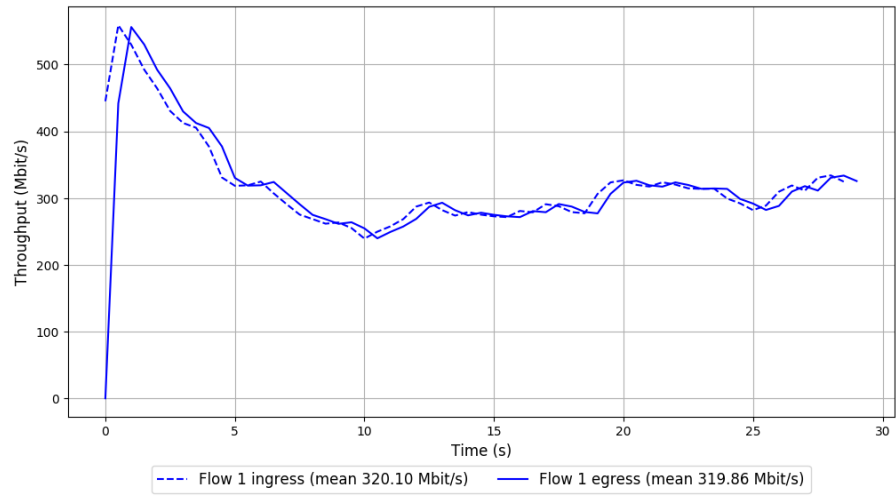
-- Flow 1:

Average throughput: 319.86 Mbit/s

95th percentile per-packet one-way delay: 1.545 ms

Loss rate: 0.07%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-03-08 22:21:44

End at: 2019-03-08 22:22:14

Local clock offset: 1.648 ms

Remote clock offset: 4.965 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 305.86 Mbit/s

95th percentile per-packet one-way delay: 1.341 ms

Loss rate: 0.06%

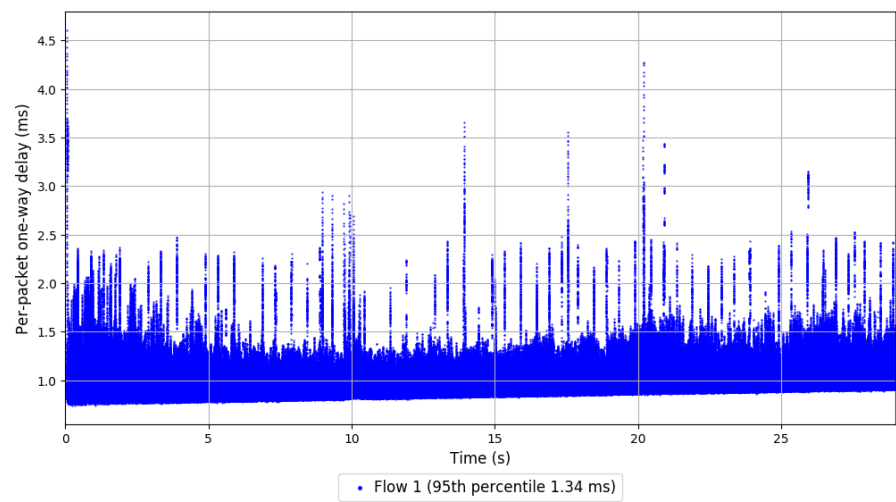
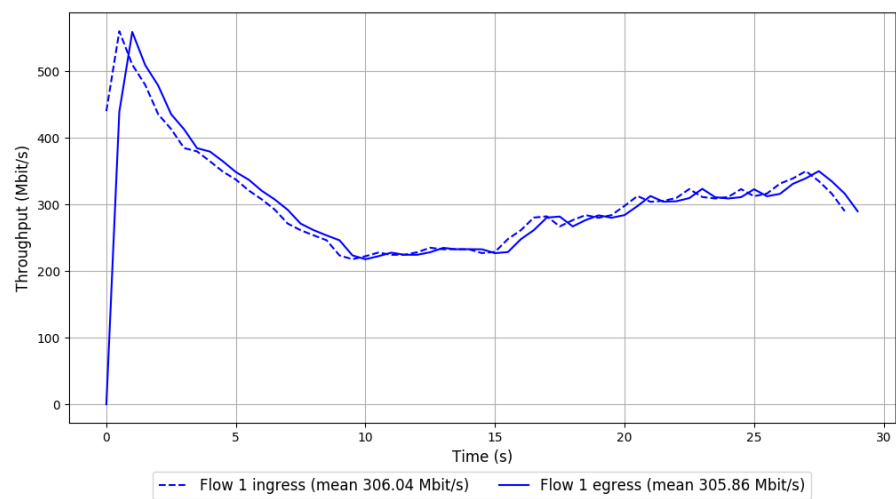
-- Flow 1:

Average throughput: 305.86 Mbit/s

95th percentile per-packet one-way delay: 1.341 ms

Loss rate: 0.06%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-03-08 22:50:23

End at: 2019-03-08 22:50:53

Local clock offset: 1.585 ms

Remote clock offset: 0.585 ms

Below is generated by plot.py at 2019-03-09 00:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 292.62 Mbit/s

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

Loss rate: 0.06%

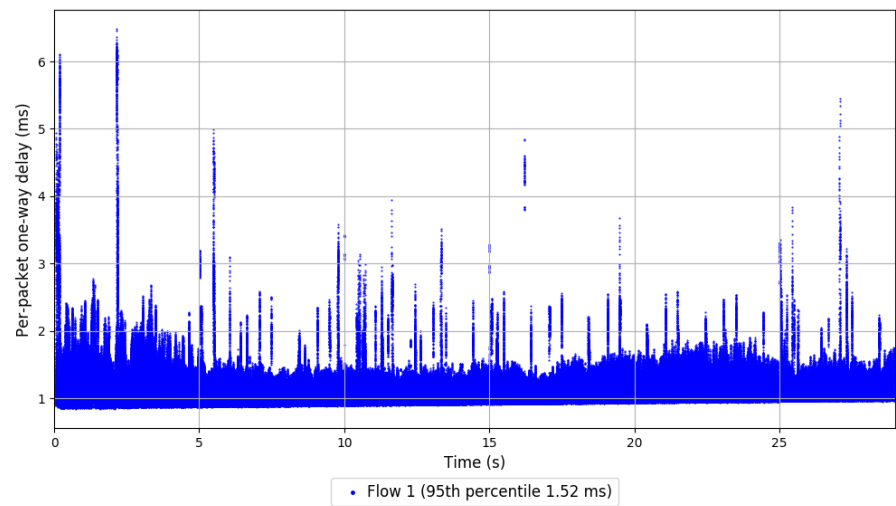
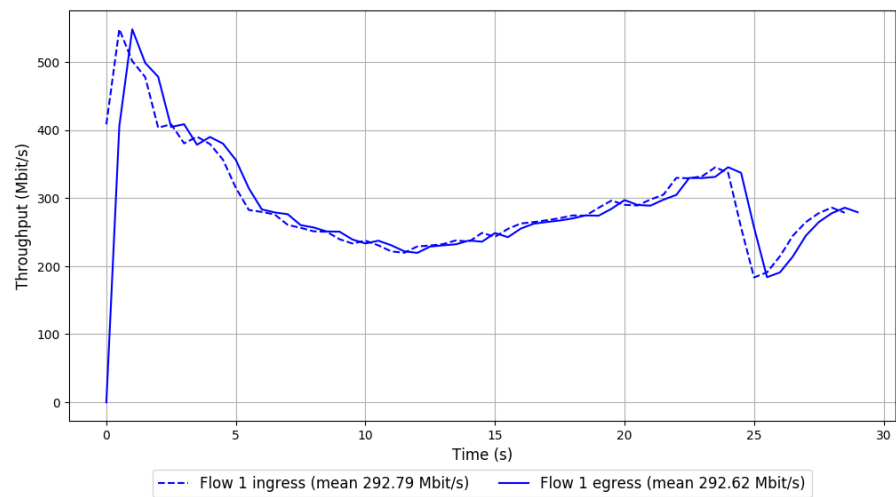
-- Flow 1:

Average throughput: 292.62 Mbit/s

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

Loss rate: 0.06%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-03-08 23:19:07

End at: 2019-03-08 23:19:37

Local clock offset: 3.621 ms

Remote clock offset: 0.886 ms

Below is generated by plot.py at 2019-03-09 00:21:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 314.30 Mbit/s

95th percentile per-packet one-way delay: 1.327 ms

Loss rate: 0.03%

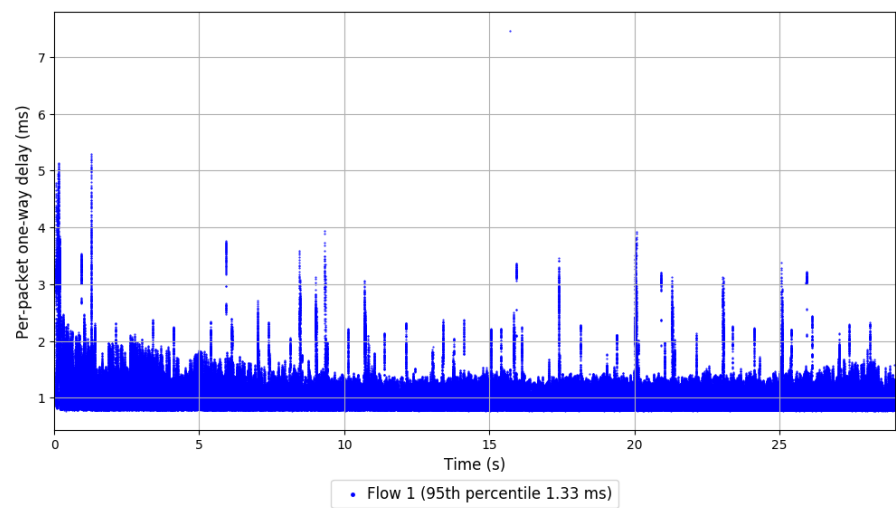
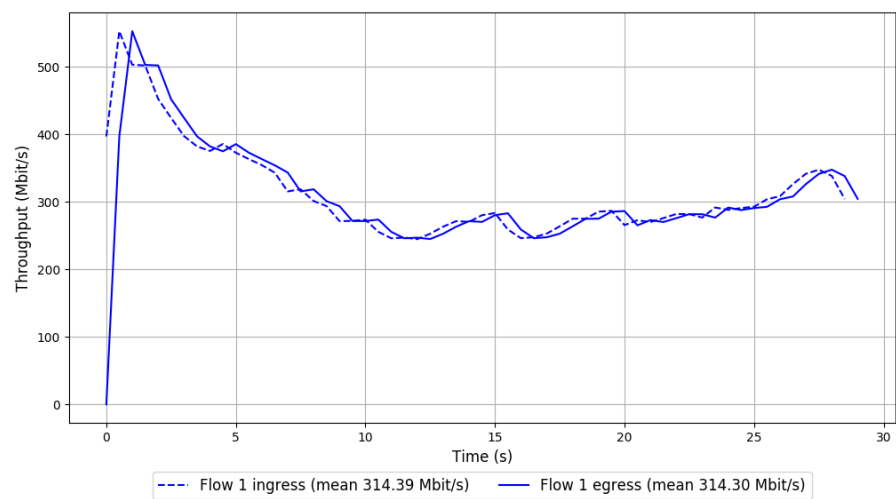
-- Flow 1:

Average throughput: 314.30 Mbit/s

95th percentile per-packet one-way delay: 1.327 ms

Loss rate: 0.03%

Run 5: Report of Indigo-MusesT — Data Link

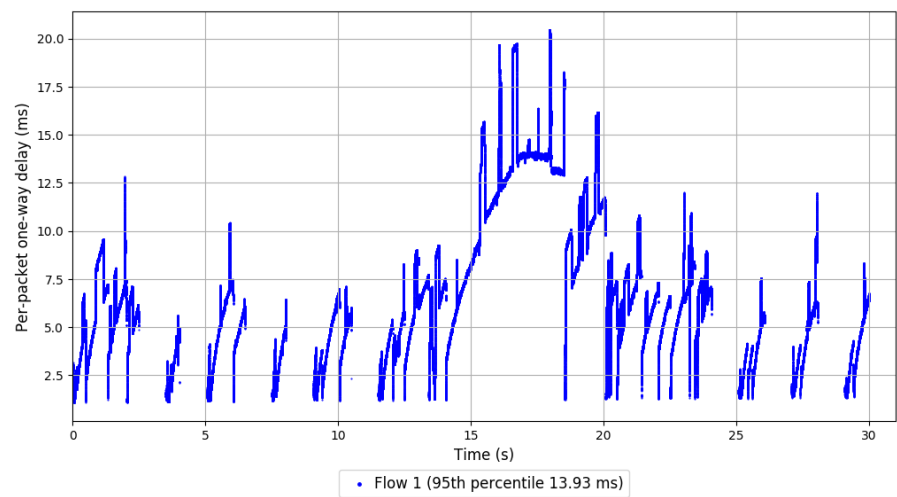
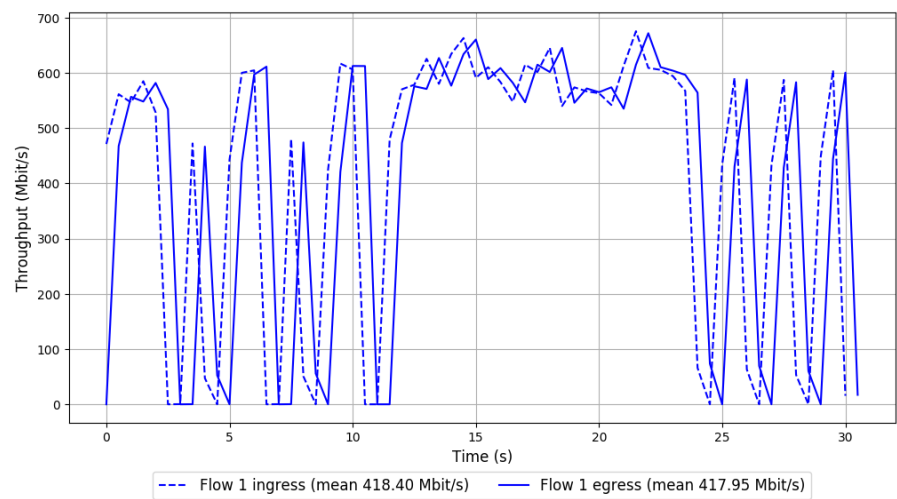


```
Run 1: Statistics of LEDBAT

Start at: 2019-03-08 21:19:47
End at: 2019-03-08 21:20:17
Local clock offset: -4.75 ms
Remote clock offset: 0.579 ms

# Below is generated by plot.py at 2019-03-09 00:22:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 417.95 Mbit/s
95th percentile per-packet one-way delay: 13.934 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 417.95 Mbit/s
95th percentile per-packet one-way delay: 13.934 ms
Loss rate: 0.11%
```

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-03-08 21:48:20

End at: 2019-03-08 21:48:50

Local clock offset: 0.167 ms

Remote clock offset: 0.765 ms

Below is generated by plot.py at 2019-03-09 00:25:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 421.98 Mbit/s

95th percentile per-packet one-way delay: 8.004 ms

Loss rate: 0.12%

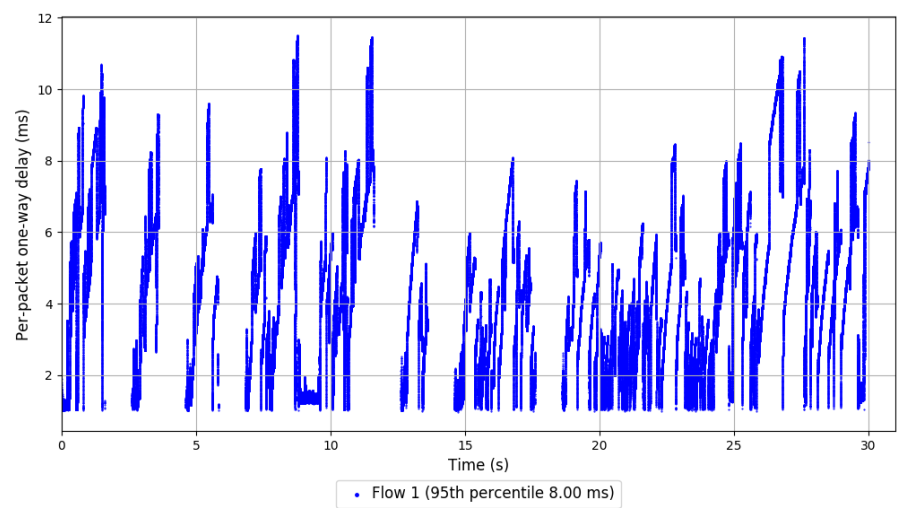
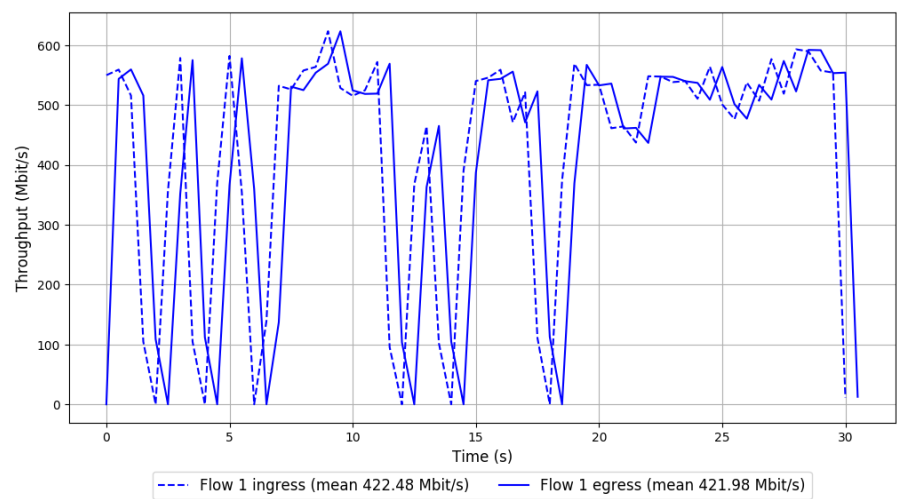
-- Flow 1:

Average throughput: 421.98 Mbit/s

95th percentile per-packet one-way delay: 8.004 ms

Loss rate: 0.12%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-03-08 22:17:24

End at: 2019-03-08 22:17:54

Local clock offset: 2.685 ms

Remote clock offset: 4.795 ms

Below is generated by plot.py at 2019-03-09 00:25:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 348.15 Mbit/s

95th percentile per-packet one-way delay: 6.056 ms

Loss rate: 0.11%

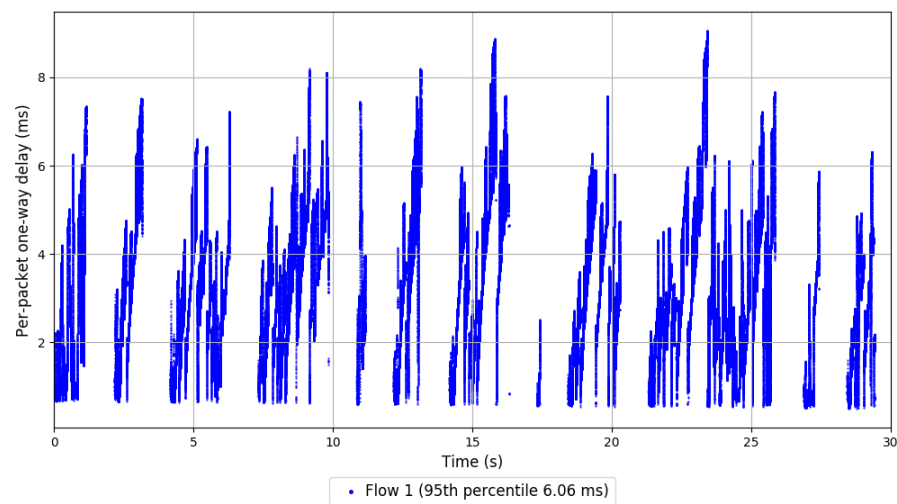
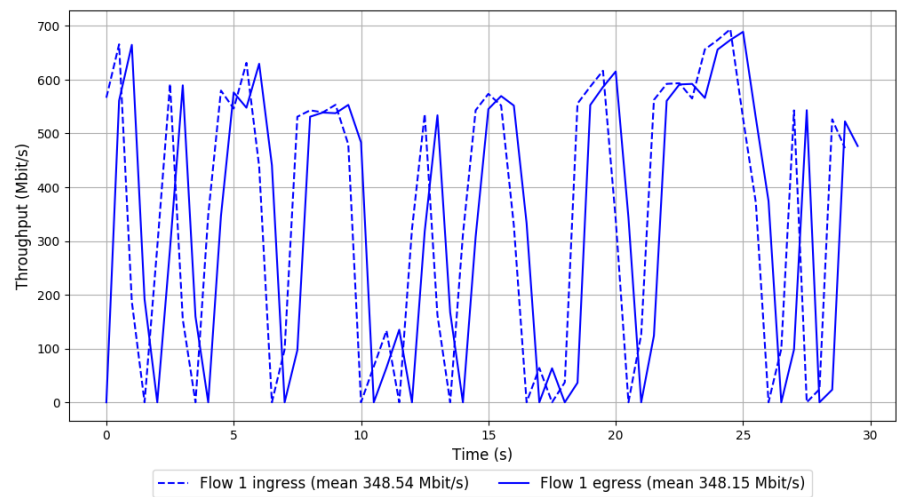
-- Flow 1:

Average throughput: 348.15 Mbit/s

95th percentile per-packet one-way delay: 6.056 ms

Loss rate: 0.11%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-03-08 22:45:56

End at: 2019-03-08 22:46:26

Local clock offset: 0.219 ms

Remote clock offset: 0.793 ms

Below is generated by plot.py at 2019-03-09 00:27:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 537.39 Mbit/s

95th percentile per-packet one-way delay: 13.272 ms

Loss rate: 0.07%

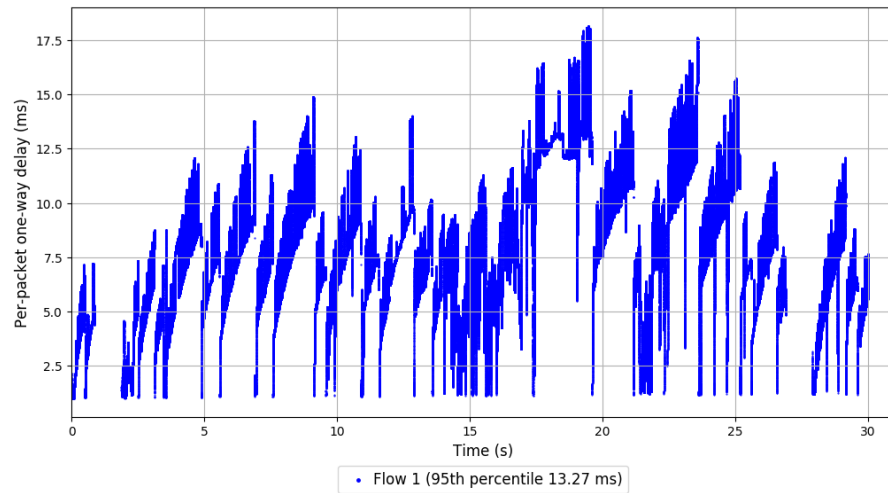
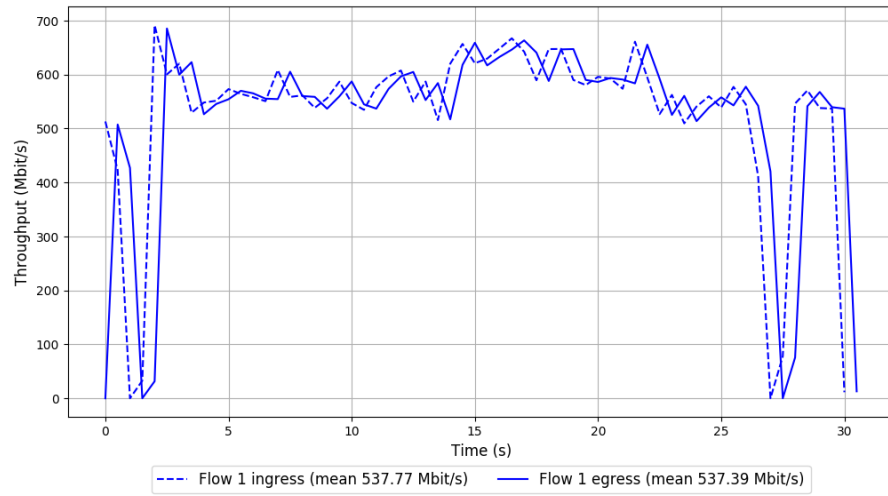
-- Flow 1:

Average throughput: 537.39 Mbit/s

95th percentile per-packet one-way delay: 13.272 ms

Loss rate: 0.07%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-03-08 23:14:42

End at: 2019-03-08 23:15:12

Local clock offset: 3.791 ms

Remote clock offset: 0.852 ms

Below is generated by plot.py at 2019-03-09 00:27:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 453.60 Mbit/s

95th percentile per-packet one-way delay: 9.900 ms

Loss rate: 0.12%

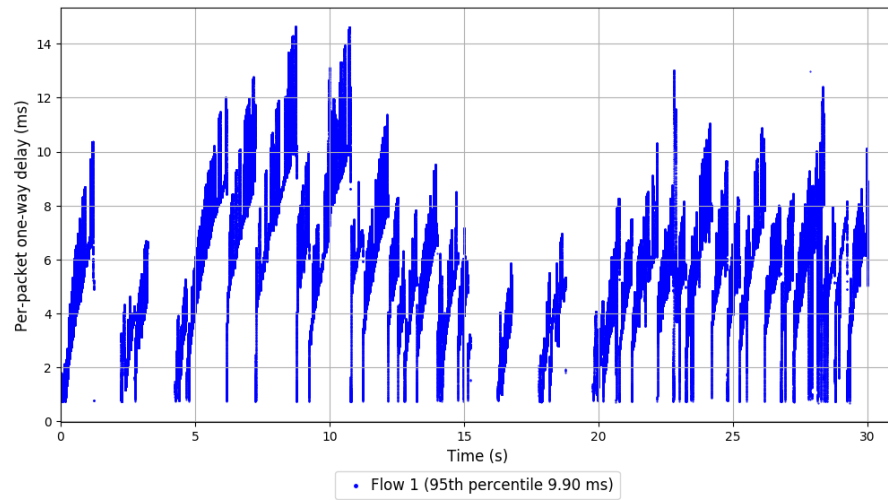
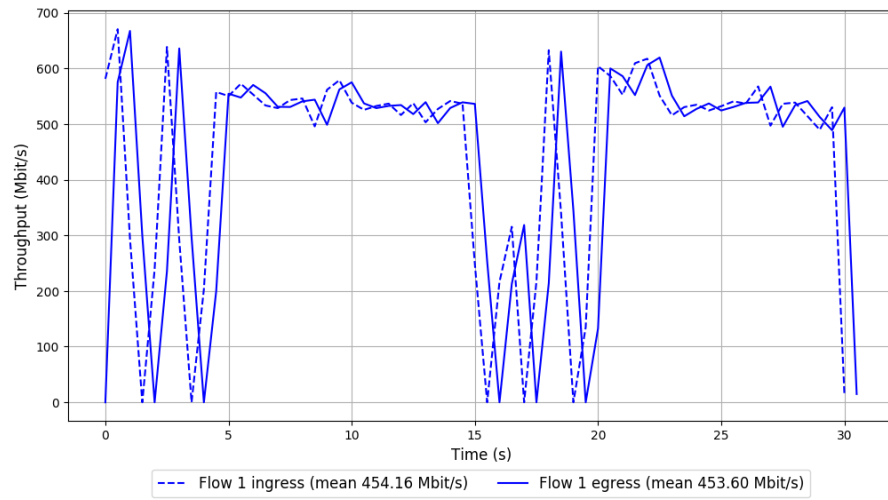
-- Flow 1:

Average throughput: 453.60 Mbit/s

95th percentile per-packet one-way delay: 9.900 ms

Loss rate: 0.12%

Run 5: Report of LEDBAT — Data Link

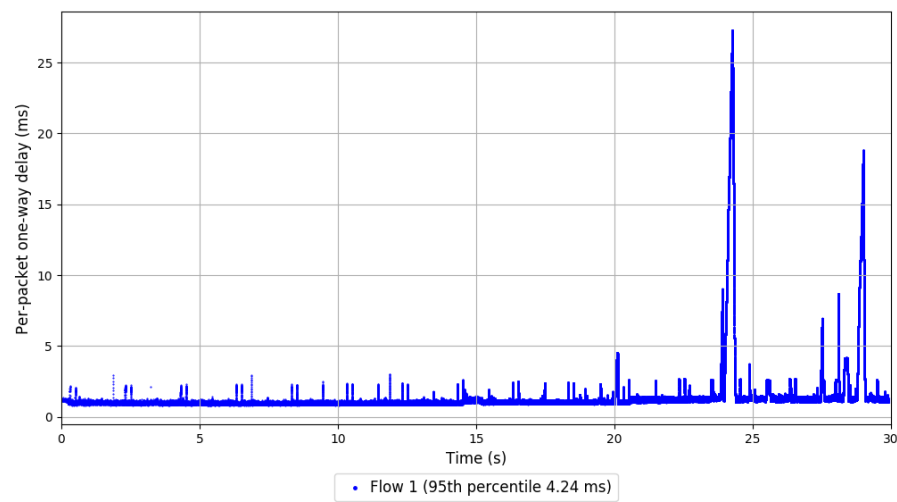
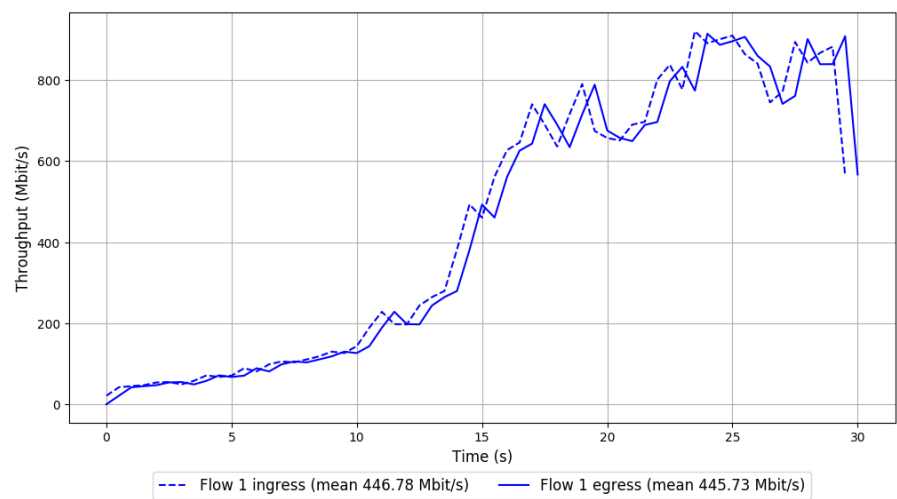


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-03-08 21:32:20
End at: 2019-03-08 21:32:50
Local clock offset: -1.68 ms
Remote clock offset: 0.528 ms

# Below is generated by plot.py at 2019-03-09 00:27:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 445.73 Mbit/s
95th percentile per-packet one-way delay: 4.238 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 445.73 Mbit/s
95th percentile per-packet one-way delay: 4.238 ms
Loss rate: 0.24%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-03-08 22:00:57

End at: 2019-03-08 22:01:27

Local clock offset: 2.861 ms

Remote clock offset: 3.274 ms

Below is generated by plot.py at 2019-03-09 00:29:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 732.15 Mbit/s

95th percentile per-packet one-way delay: 14.629 ms

Loss rate: 0.88%

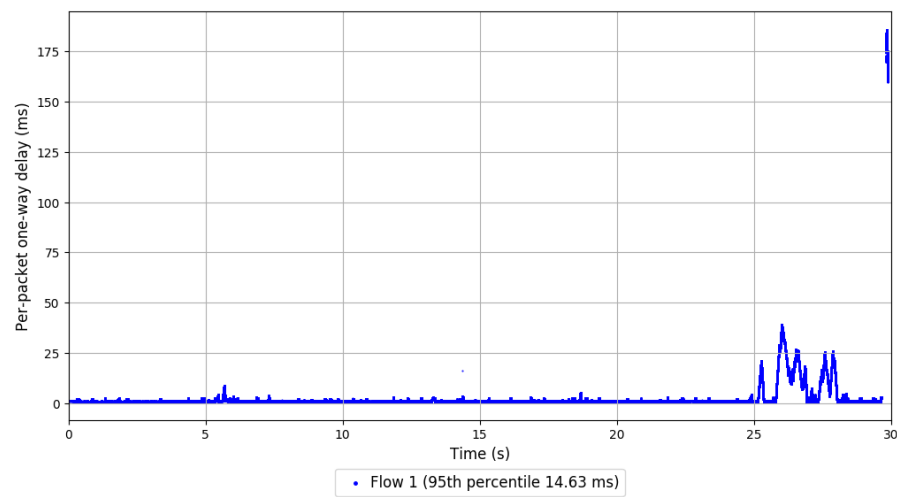
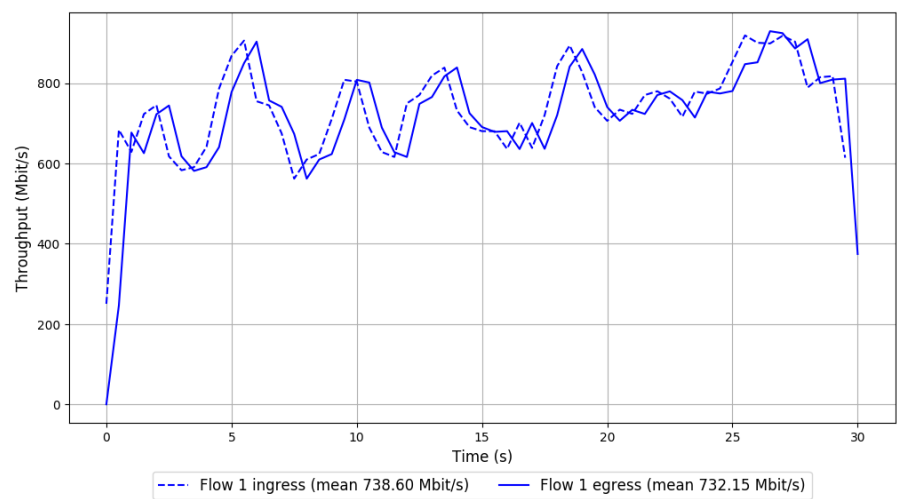
-- Flow 1:

Average throughput: 732.15 Mbit/s

95th percentile per-packet one-way delay: 14.629 ms

Loss rate: 0.88%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-03-08 22:29:51

End at: 2019-03-08 22:30:21

Local clock offset: 0.599 ms

Remote clock offset: 2.324 ms

Below is generated by plot.py at 2019-03-09 00:30:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 686.83 Mbit/s

95th percentile per-packet one-way delay: 2.762 ms

Loss rate: 0.53%

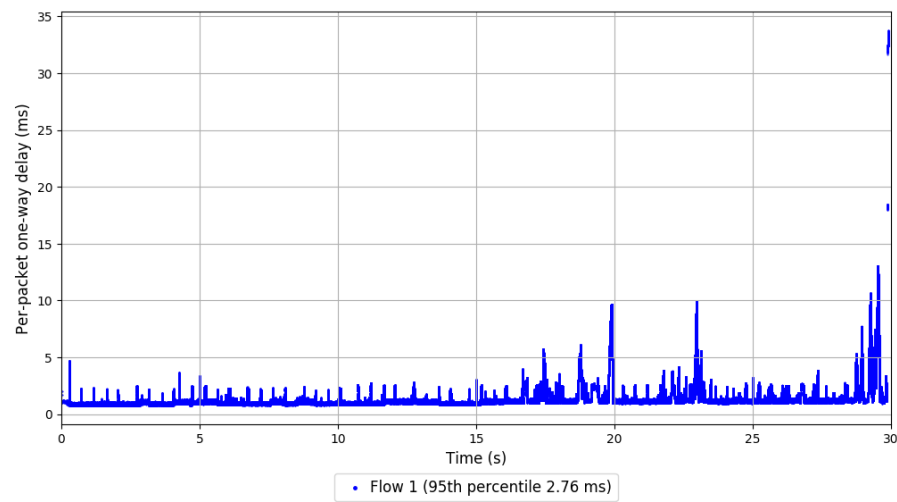
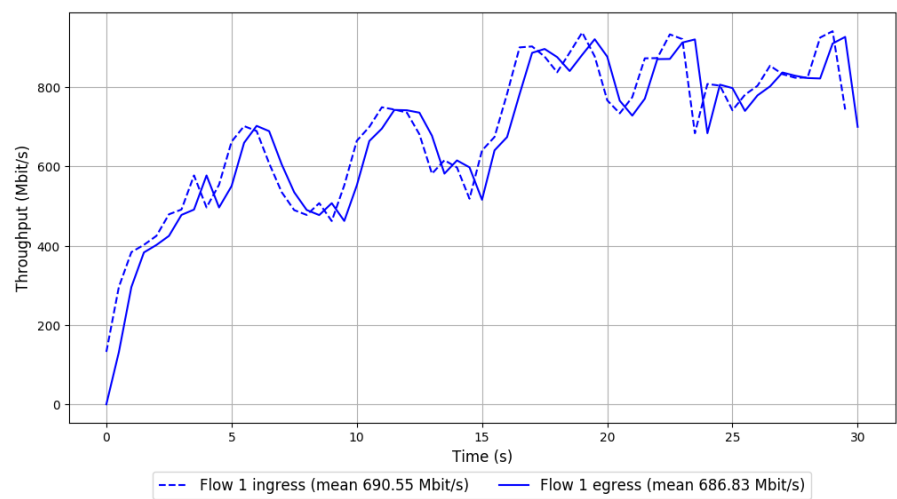
-- Flow 1:

Average throughput: 686.83 Mbit/s

95th percentile per-packet one-way delay: 2.762 ms

Loss rate: 0.53%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-03-08 22:58:31

End at: 2019-03-08 22:59:01

Local clock offset: 2.909 ms

Remote clock offset: 0.618 ms

Below is generated by plot.py at 2019-03-09 00:32:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 739.01 Mbit/s

95th percentile per-packet one-way delay: 2.932 ms

Loss rate: 0.18%

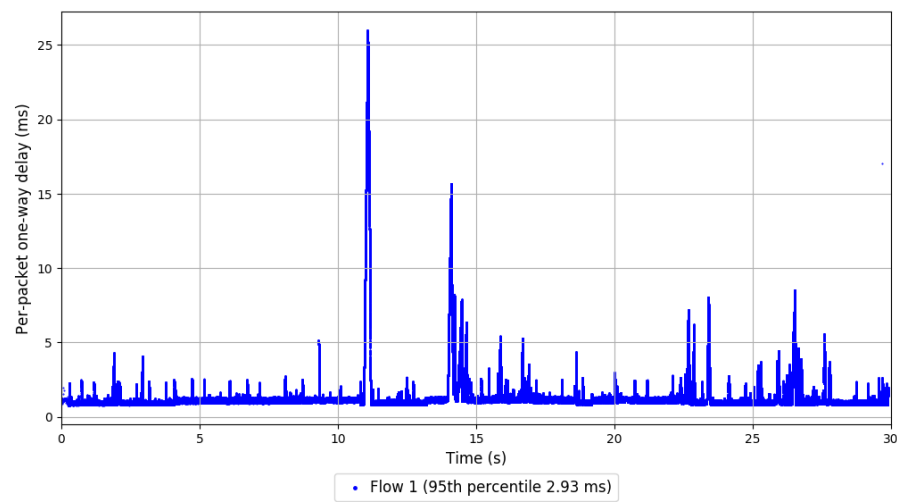
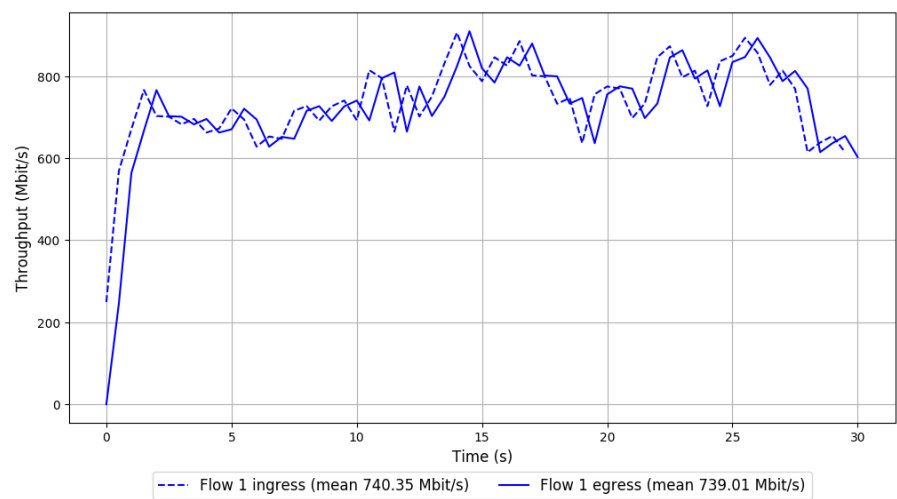
-- Flow 1:

Average throughput: 739.01 Mbit/s

95th percentile per-packet one-way delay: 2.932 ms

Loss rate: 0.18%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-03-08 23:27:12

End at: 2019-03-08 23:27:42

Local clock offset: 3.529 ms

Remote clock offset: 0.934 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 637.35 Mbit/s

95th percentile per-packet one-way delay: 2.474 ms

Loss rate: 0.17%

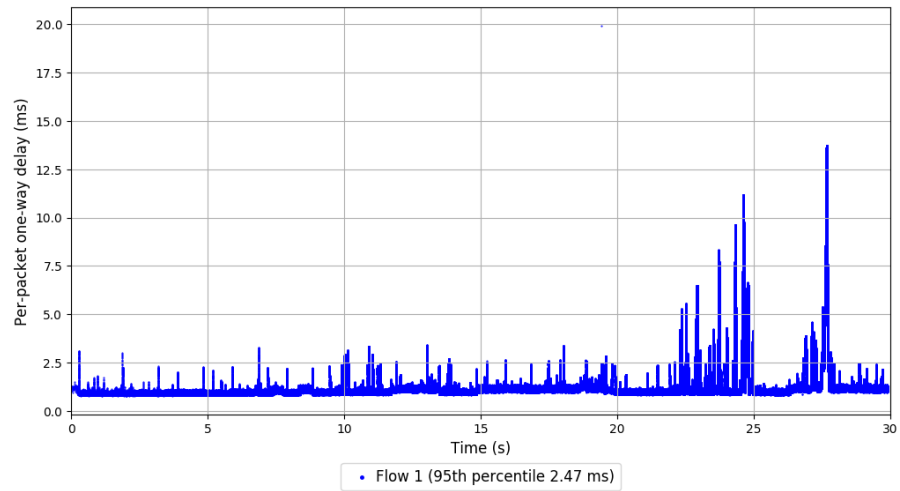
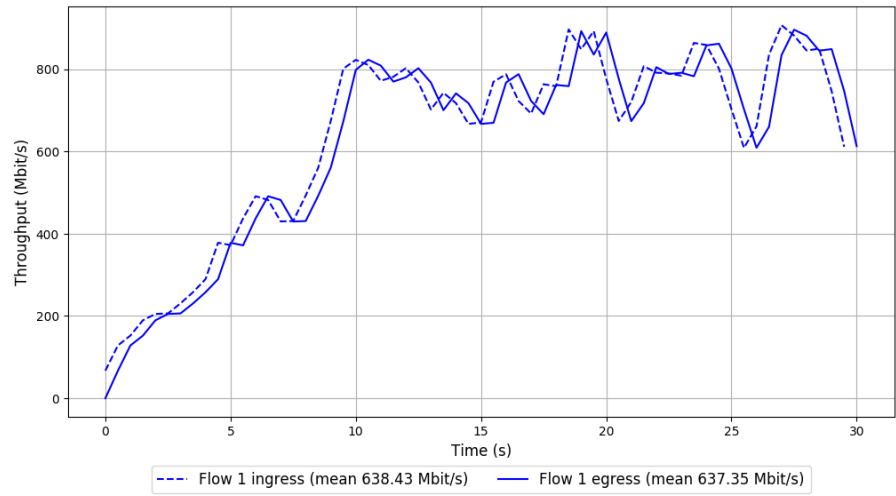
-- Flow 1:

Average throughput: 637.35 Mbit/s

95th percentile per-packet one-way delay: 2.474 ms

Loss rate: 0.17%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

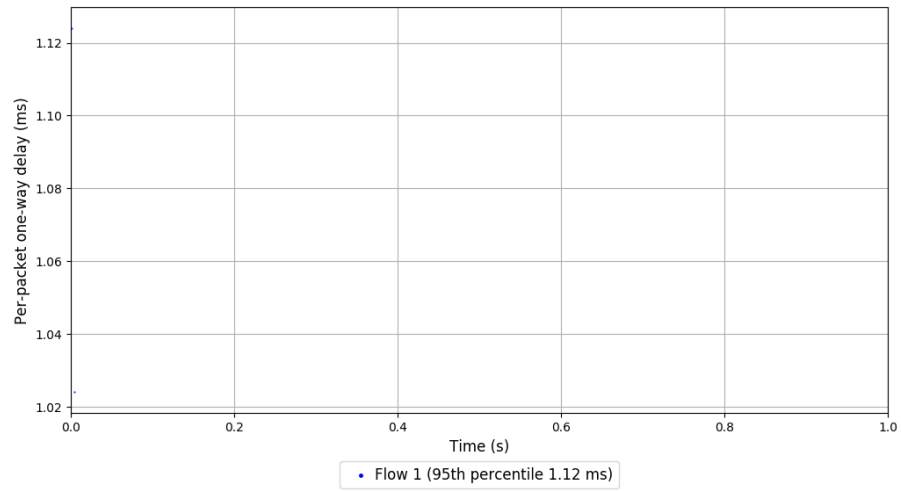
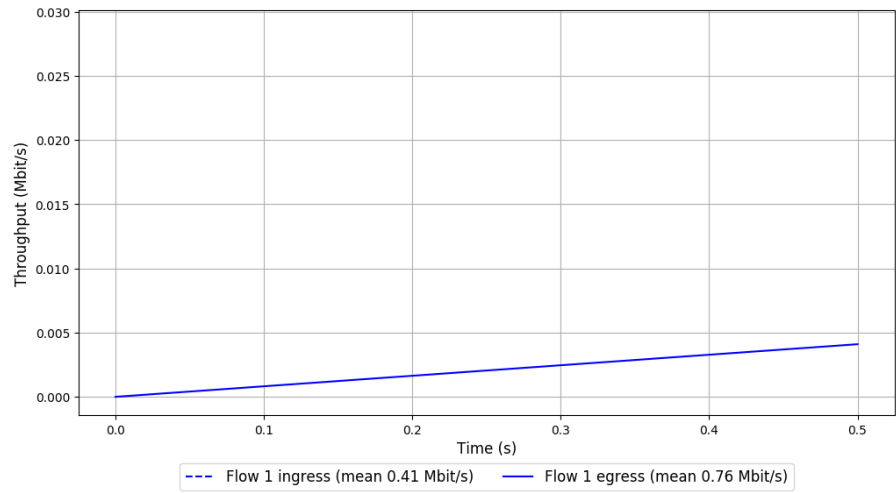
Start at: 2019-03-08 21:36:16

End at: 2019-03-08 21:36:46

Local clock offset: -1.503 ms

Remote clock offset: 0.427 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

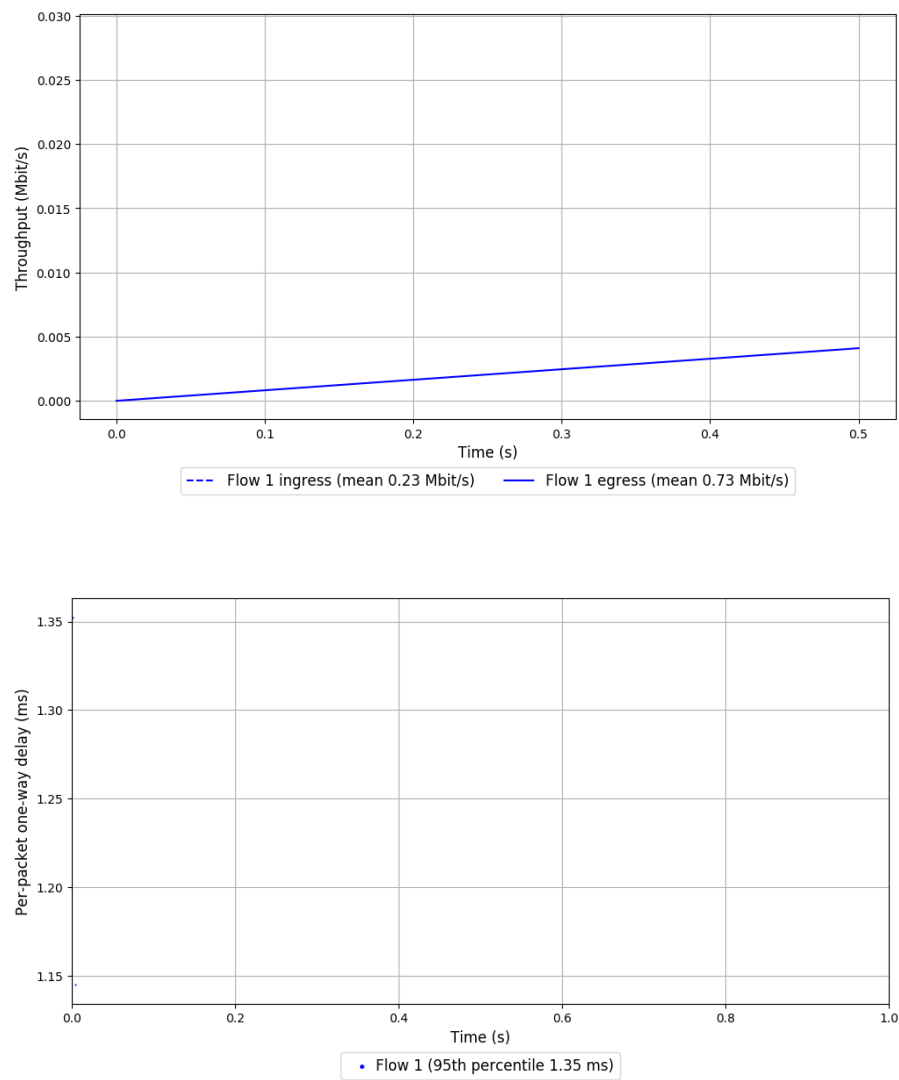
Start at: 2019-03-08 22:05:21

End at: 2019-03-08 22:05:51

Local clock offset: 3.224 ms

Remote clock offset: 3.815 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

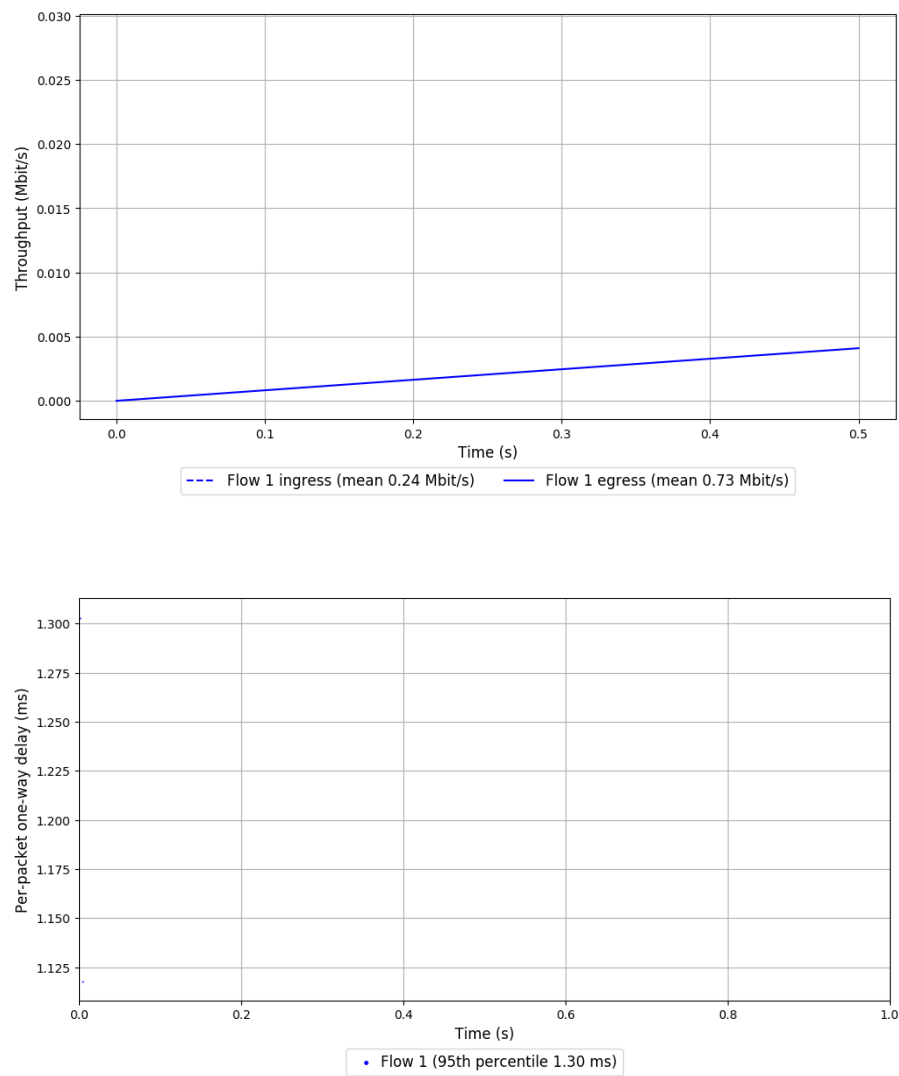
Start at: 2019-03-08 22:33:56

End at: 2019-03-08 22:34:26

Local clock offset: 0.266 ms

Remote clock offset: 1.682 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

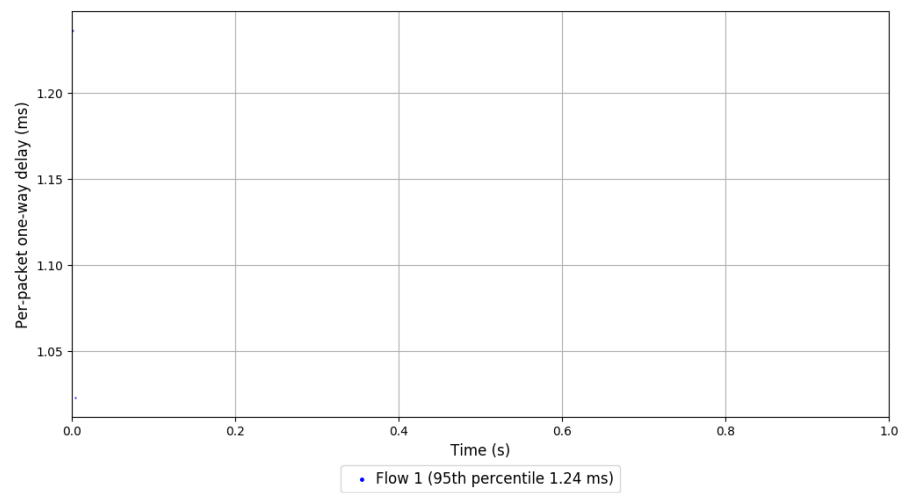
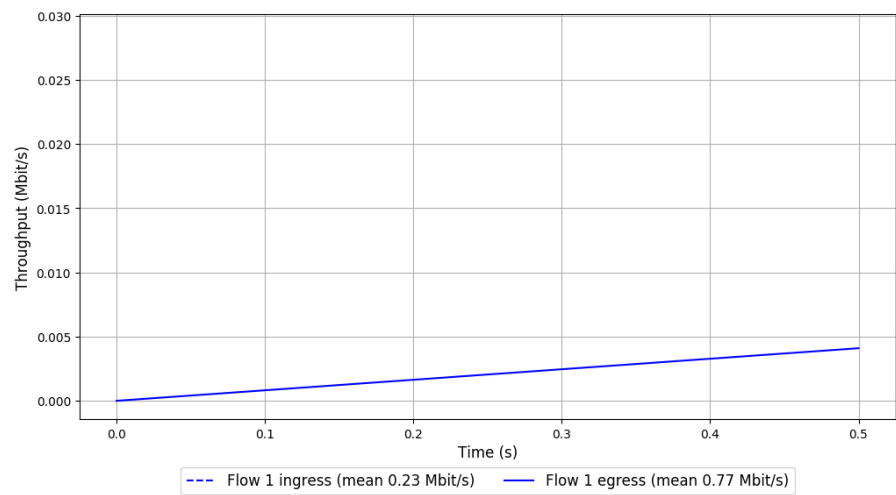
Start at: 2019-03-08 23:02:38

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

Local clock offset: 3.238 ms

Remote clock offset: 0.711 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

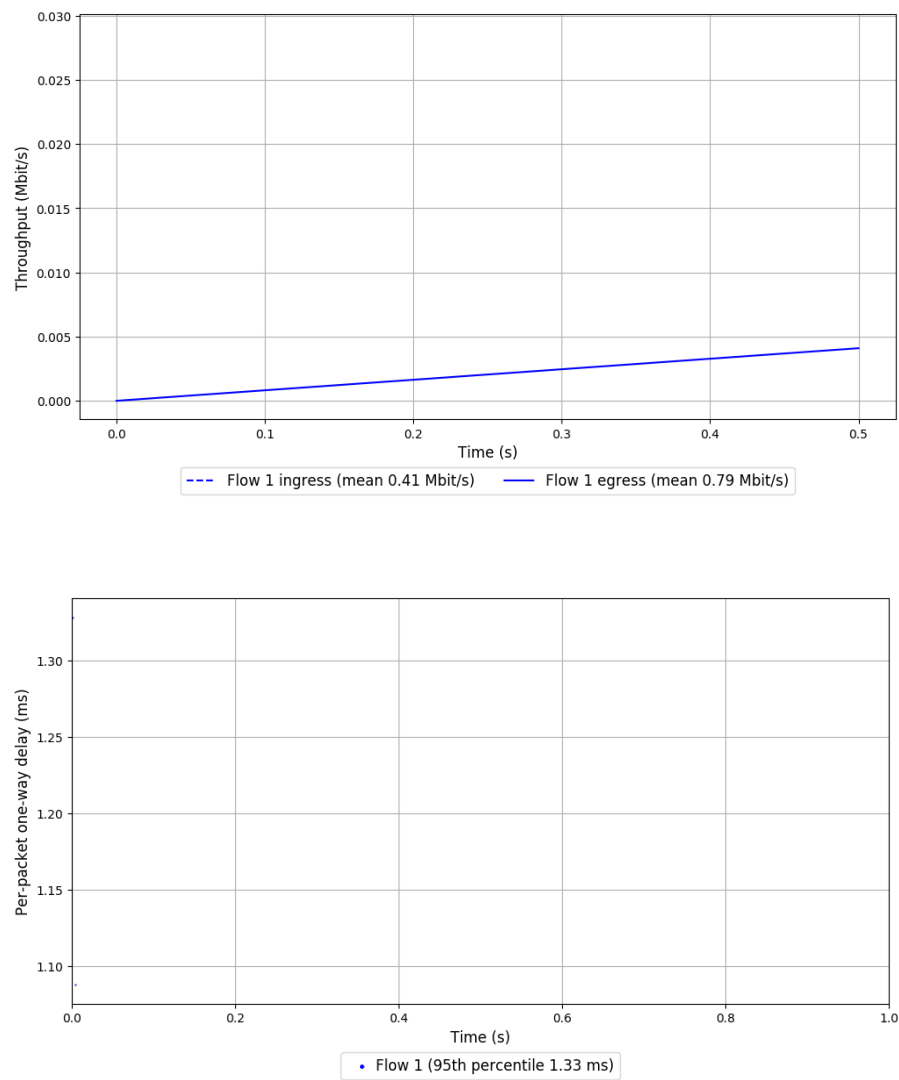
Start at: 2019-03-08 23:31:15

End at: 2019-03-08 23:31:45

Local clock offset: 3.534 ms

Remote clock offset: 1.451 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-03-08 21:37:29

End at: 2019-03-08 21:37:59

Local clock offset: -1.488 ms

Remote clock offset: 0.46 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.22 Mbit/s

95th percentile per-packet one-way delay: 0.969 ms

Loss rate: 0.01%

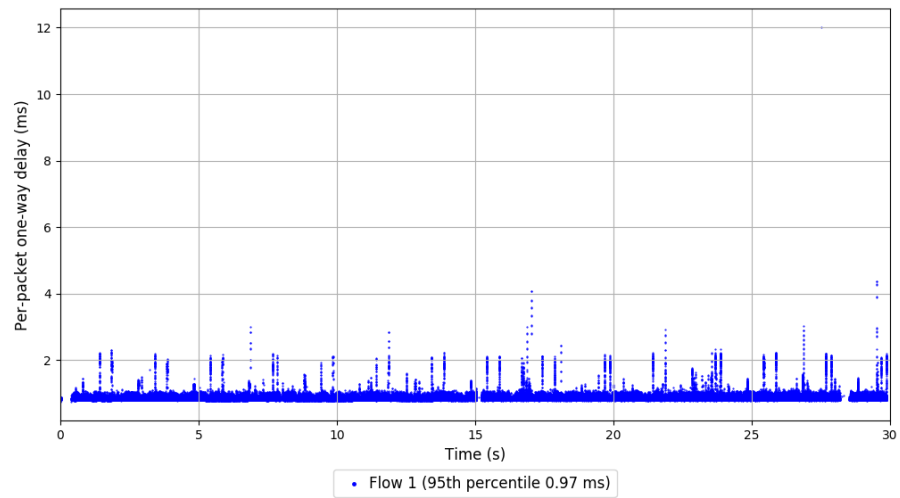
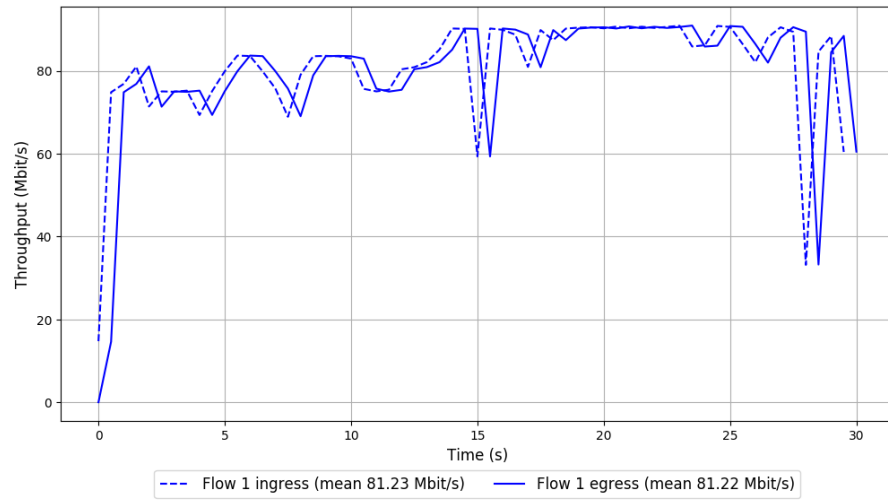
-- Flow 1:

Average throughput: 81.22 Mbit/s

95th percentile per-packet one-way delay: 0.969 ms

Loss rate: 0.01%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-03-08 22:06:34

End at: 2019-03-08 22:07:04

Local clock offset: 3.302 ms

Remote clock offset: 3.906 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.85 Mbit/s

95th percentile per-packet one-way delay: 0.990 ms

Loss rate: 0.00%

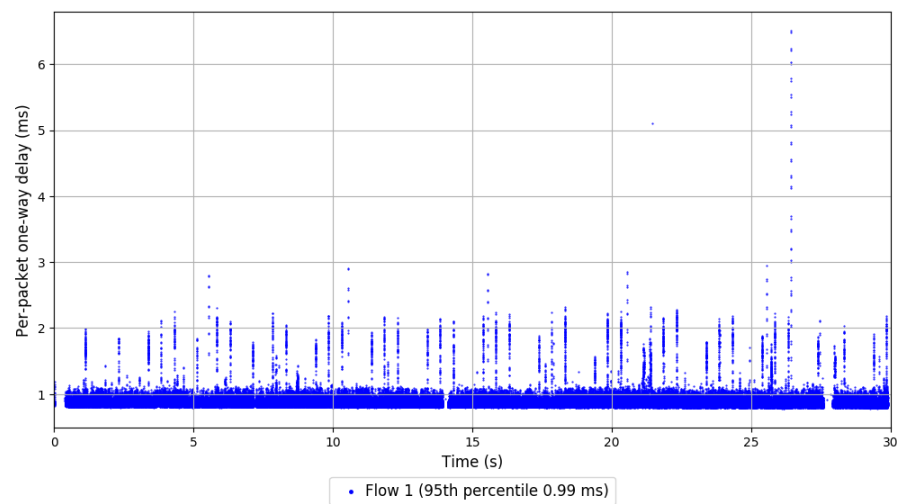
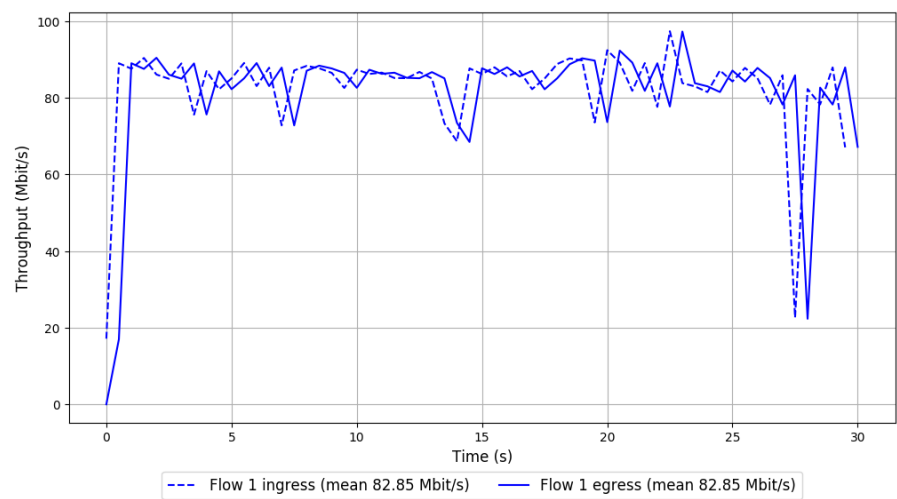
-- Flow 1:

Average throughput: 82.85 Mbit/s

95th percentile per-packet one-way delay: 0.990 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-03-08 22:35:09

End at: 2019-03-08 22:35:39

Local clock offset: 0.173 ms

Remote clock offset: 1.49 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.46 Mbit/s

95th percentile per-packet one-way delay: 0.956 ms

Loss rate: 0.01%

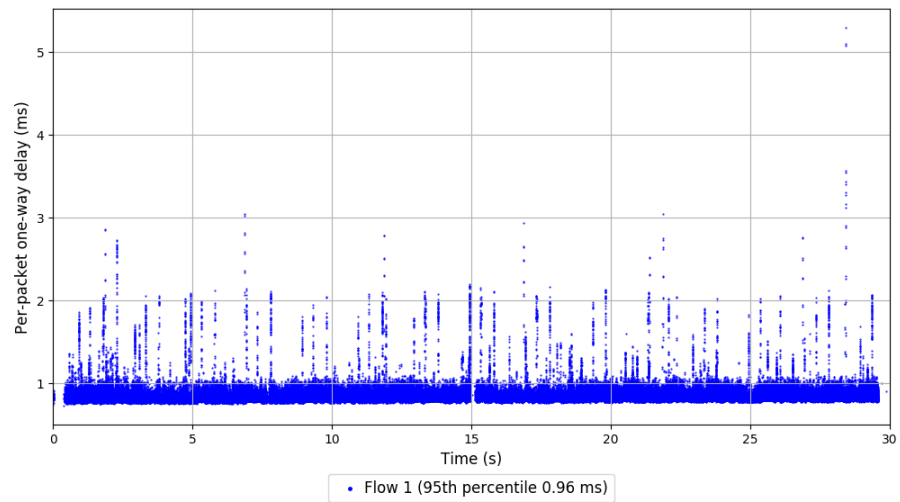
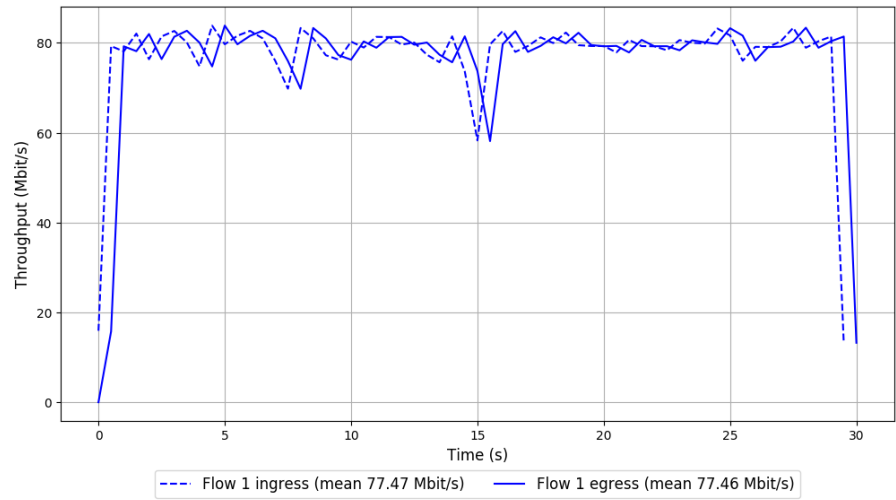
-- Flow 1:

Average throughput: 77.46 Mbit/s

95th percentile per-packet one-way delay: 0.956 ms

Loss rate: 0.01%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-03-08 23:03:51

End at: 2019-03-08 23:04:21

Local clock offset: 3.328 ms

Remote clock offset: 0.738 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.02 Mbit/s

95th percentile per-packet one-way delay: 0.946 ms

Loss rate: 0.00%

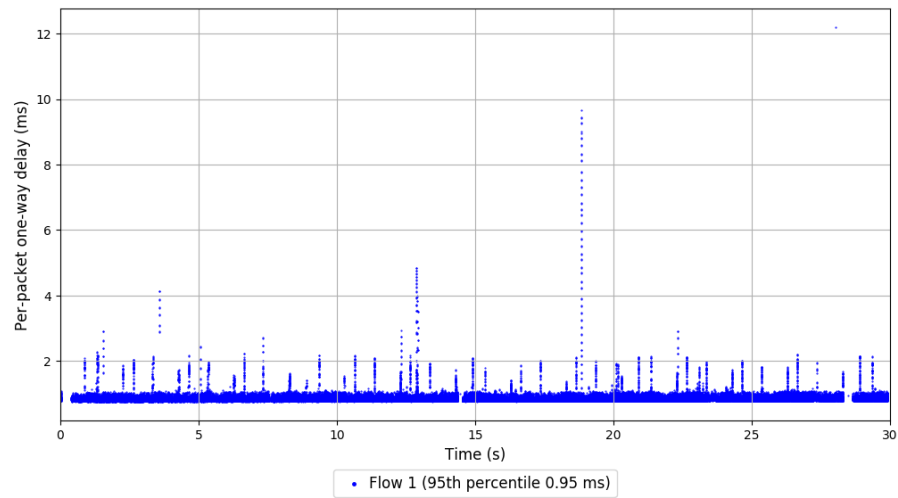
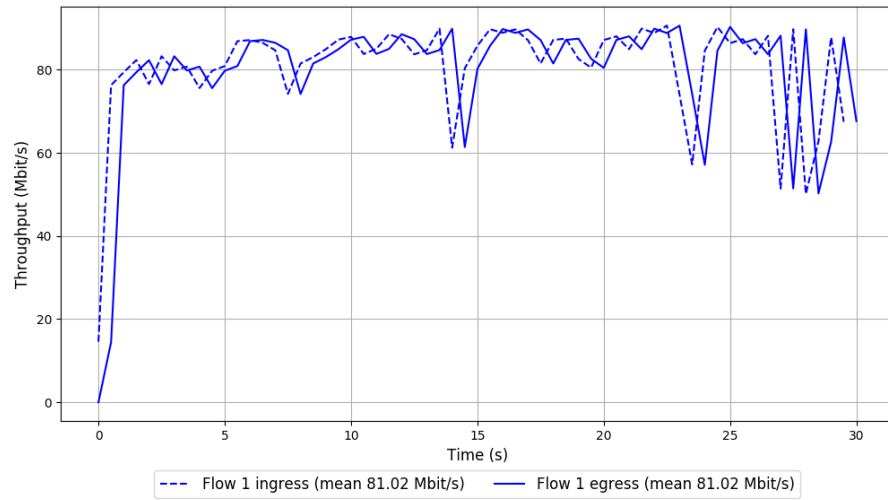
-- Flow 1:

Average throughput: 81.02 Mbit/s

95th percentile per-packet one-way delay: 0.946 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-03-08 23:32:28

End at: 2019-03-08 23:32:58

Local clock offset: 3.53 ms

Remote clock offset: 1.792 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.82 Mbit/s

95th percentile per-packet one-way delay: 0.893 ms

Loss rate: 0.00%

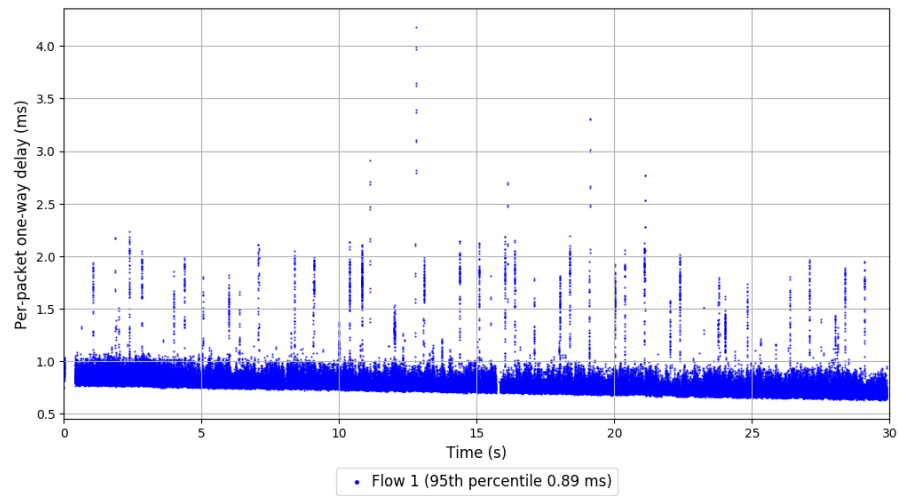
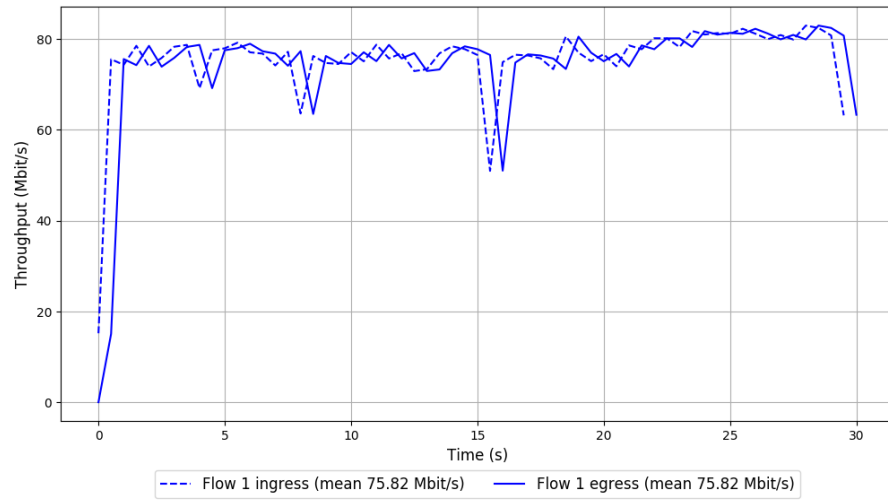
-- Flow 1:

Average throughput: 75.82 Mbit/s

95th percentile per-packet one-way delay: 0.893 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

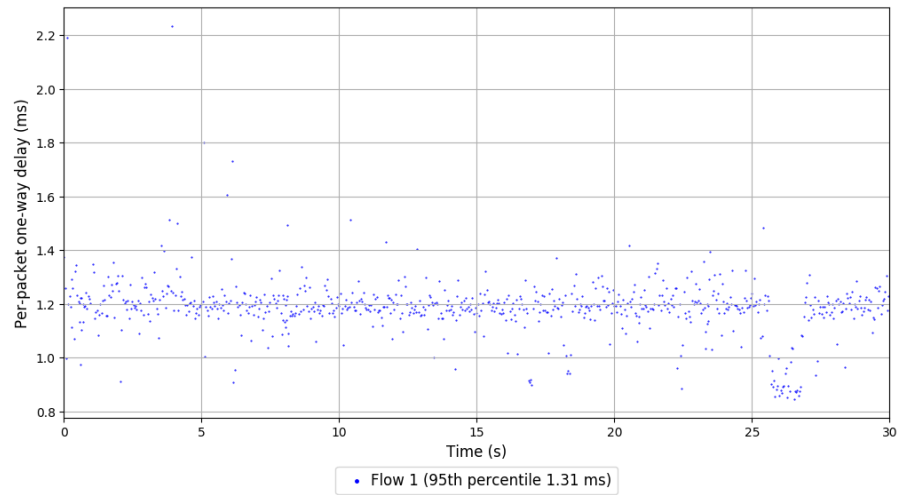
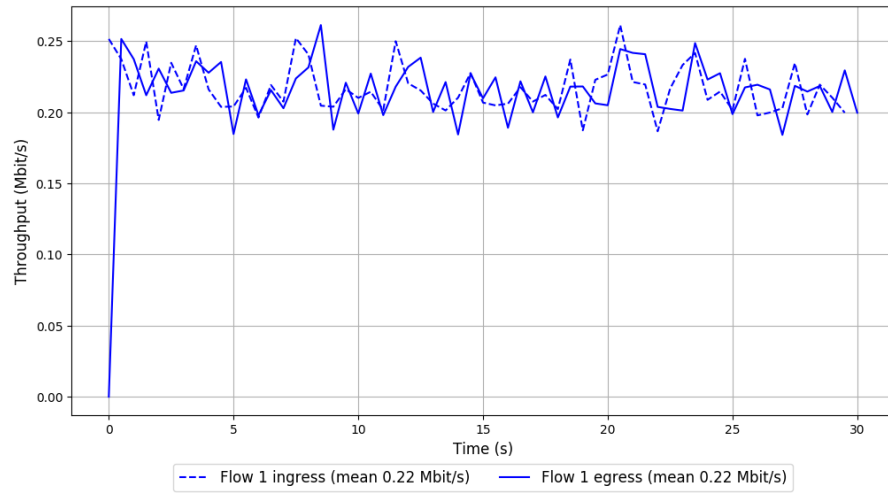


```
Run 1: Statistics of SCReAM

Start at: 2019-03-08 21:38:45
End at: 2019-03-08 21:39:15
Local clock offset: -1.49 ms
Remote clock offset: 0.494 ms

# Below is generated by plot.py at 2019-03-09 00:32:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.312 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.312 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-03-08 22:07:50

End at: 2019-03-08 22:08:20

Local clock offset: 3.383 ms

Remote clock offset: 4.013 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.301 ms

Loss rate: 0.00%

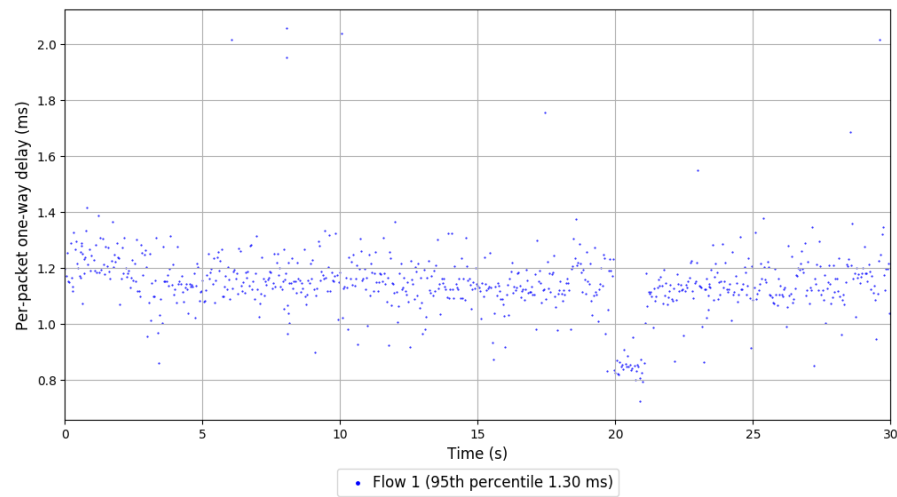
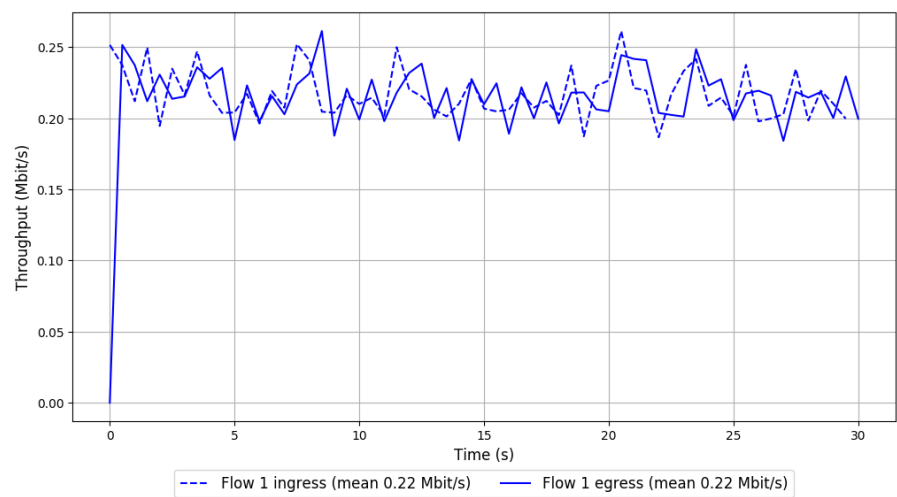
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.301 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-03-08 22:36:25

End at: 2019-03-08 22:36:55

Local clock offset: 0.097 ms

Remote clock offset: 1.386 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 1.285 ms

Loss rate: 0.34%

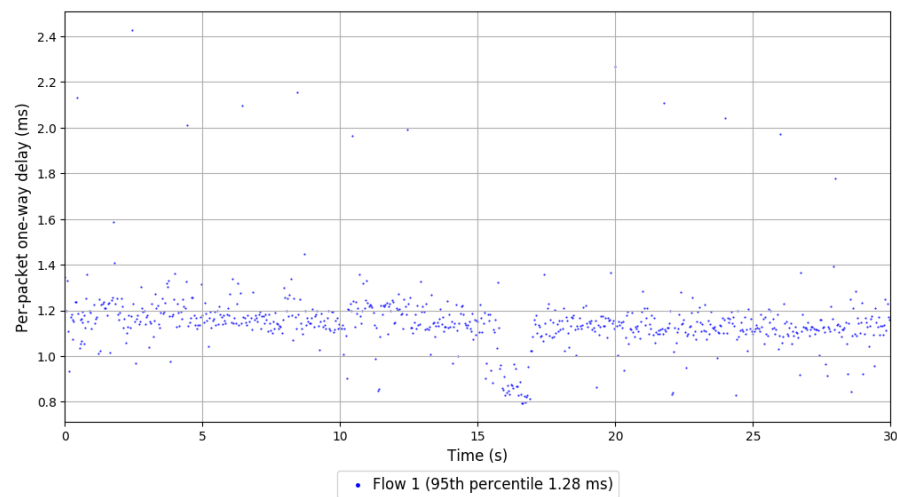
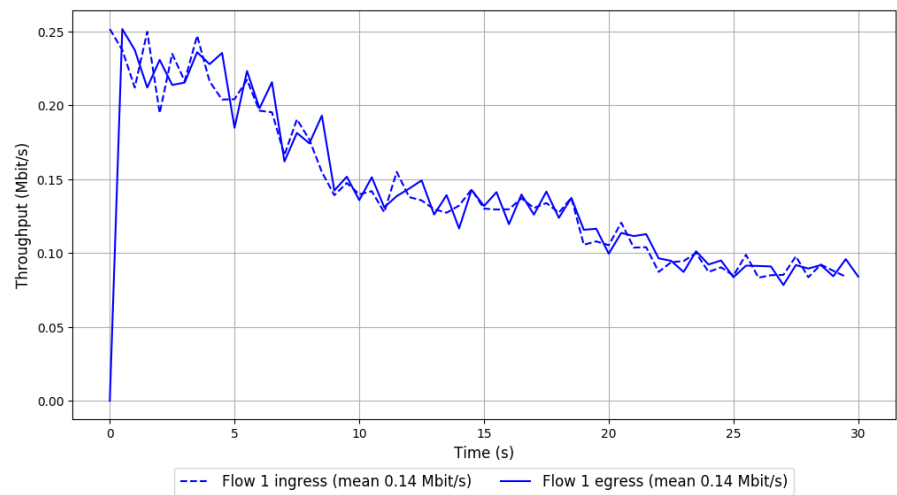
-- Flow 1:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 1.285 ms

Loss rate: 0.34%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-03-08 23:05:07

End at: 2019-03-08 23:05:37

Local clock offset: 3.402 ms

Remote clock offset: 0.818 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.403 ms

Loss rate: 0.00%

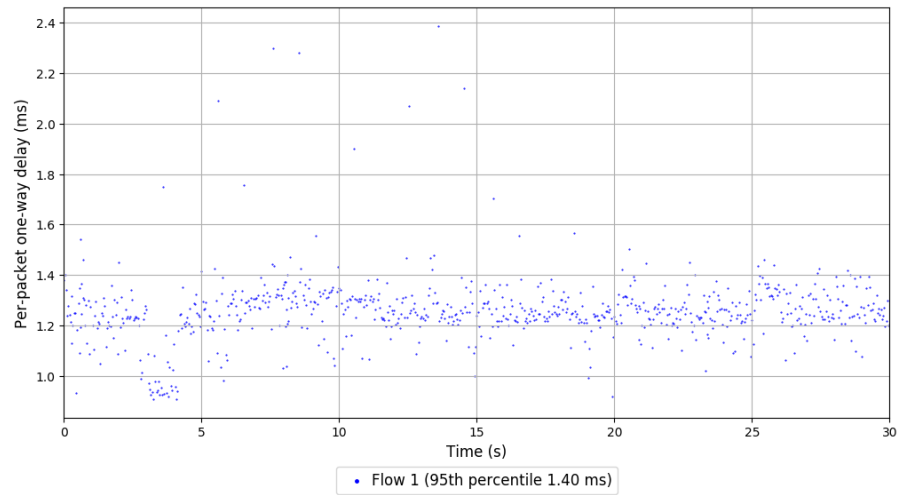
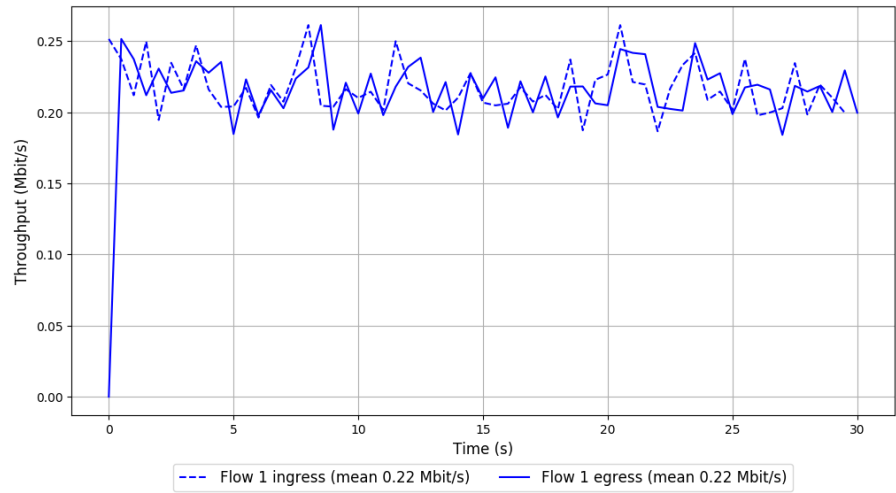
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.403 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-03-08 23:33:43

End at: 2019-03-08 23:34:13

Local clock offset: 3.539 ms

Remote clock offset: 2.094 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.223 ms

Loss rate: 0.00%

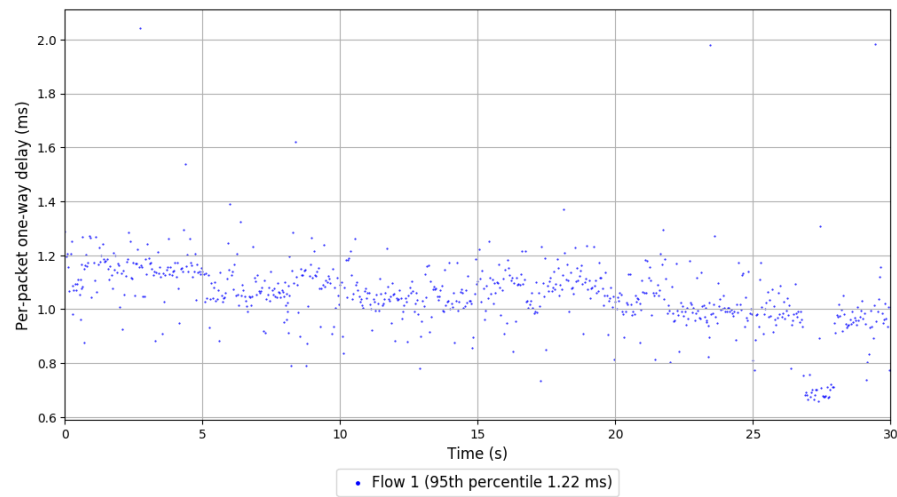
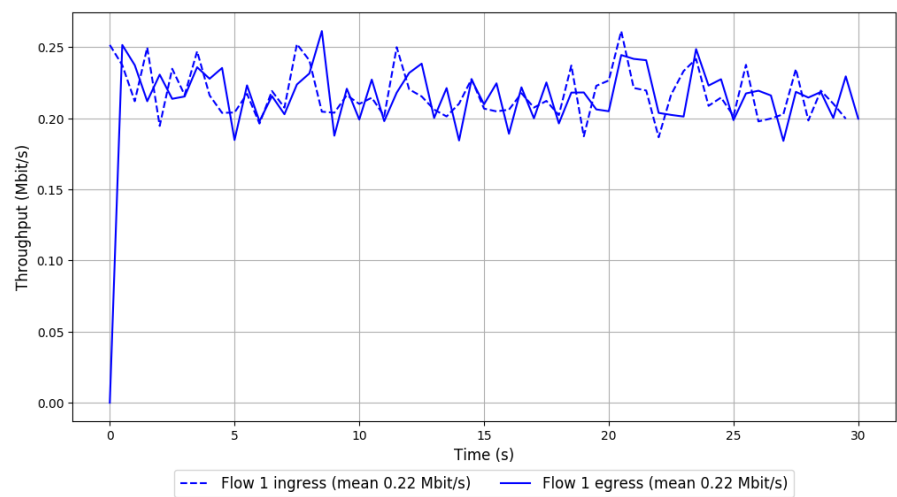
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.223 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-03-08 21:31:06

End at: 2019-03-08 21:31:36

Local clock offset: -1.768 ms

Remote clock offset: 0.521 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.01 Mbit/s

95th percentile per-packet one-way delay: 4.358 ms

Loss rate: 0.24%

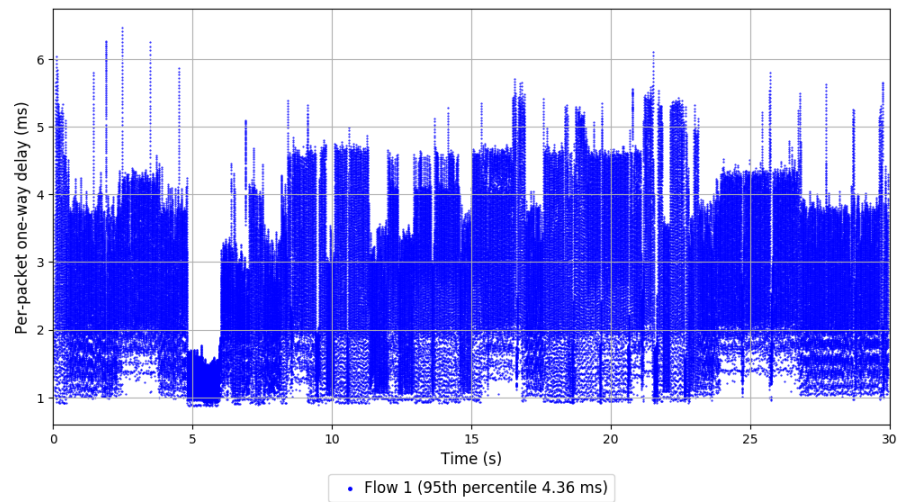
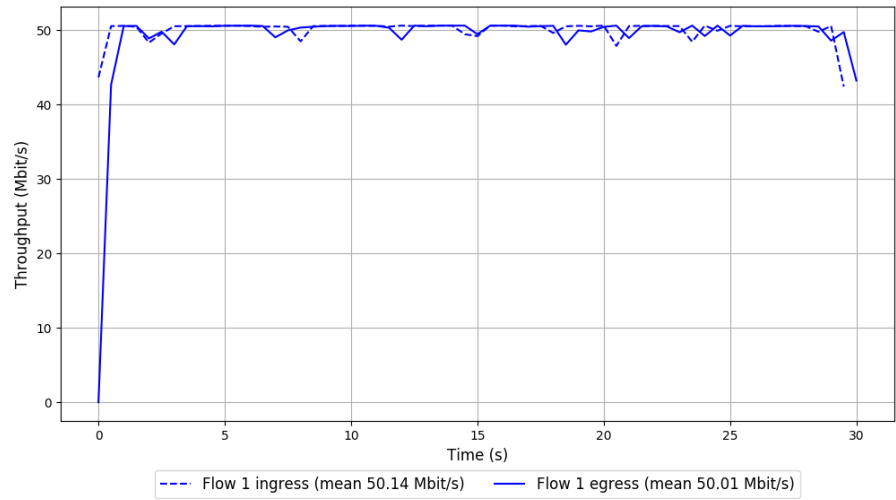
-- Flow 1:

Average throughput: 50.01 Mbit/s

95th percentile per-packet one-way delay: 4.358 ms

Loss rate: 0.24%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2019-03-08 21:59:43

End at: 2019-03-08 22:00:13

Local clock offset: 2.723 ms

Remote clock offset: 3.168 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.67 Mbit/s

95th percentile per-packet one-way delay: 4.104 ms

Loss rate: 0.48%

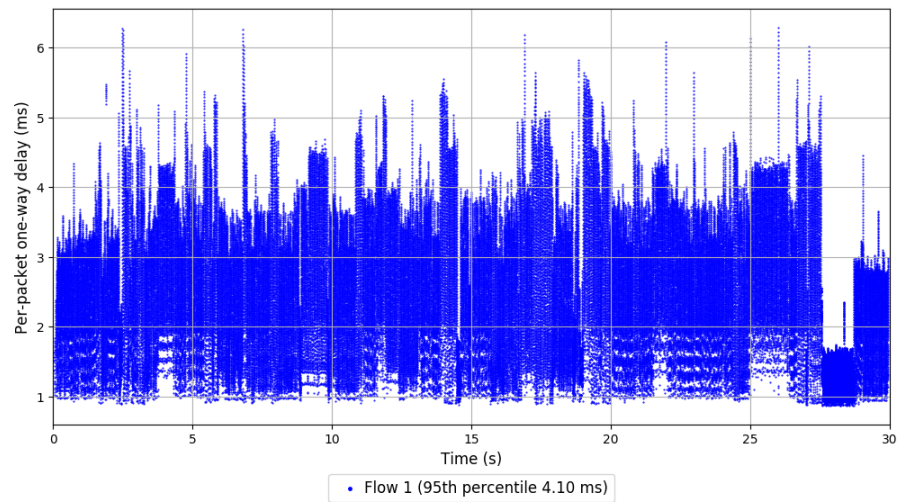
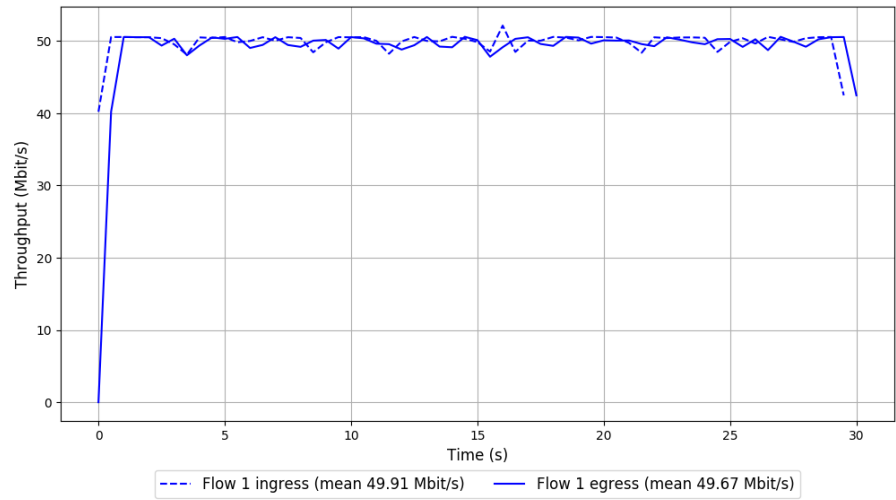
-- Flow 1:

Average throughput: 49.67 Mbit/s

95th percentile per-packet one-way delay: 4.104 ms

Loss rate: 0.48%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2019-03-08 22:28:37

End at: 2019-03-08 22:29:07

Local clock offset: 0.695 ms

Remote clock offset: 2.508 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.65 Mbit/s

95th percentile per-packet one-way delay: 4.216 ms

Loss rate: 0.53%

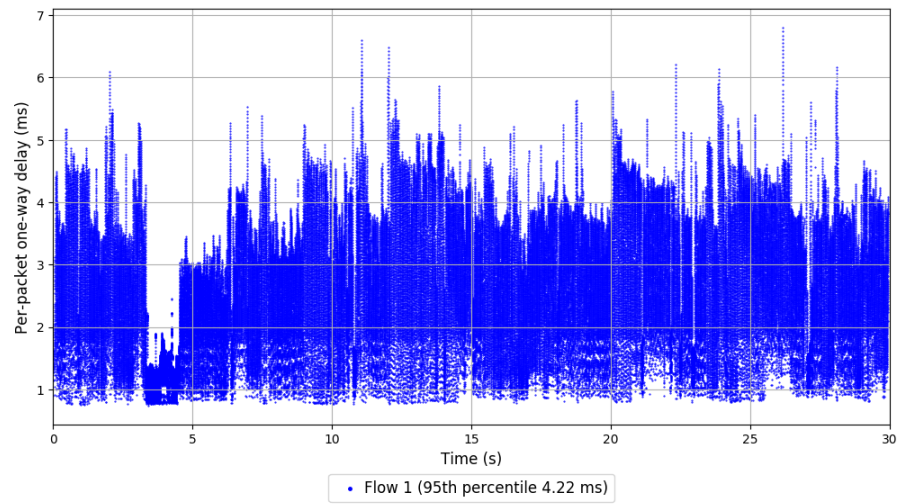
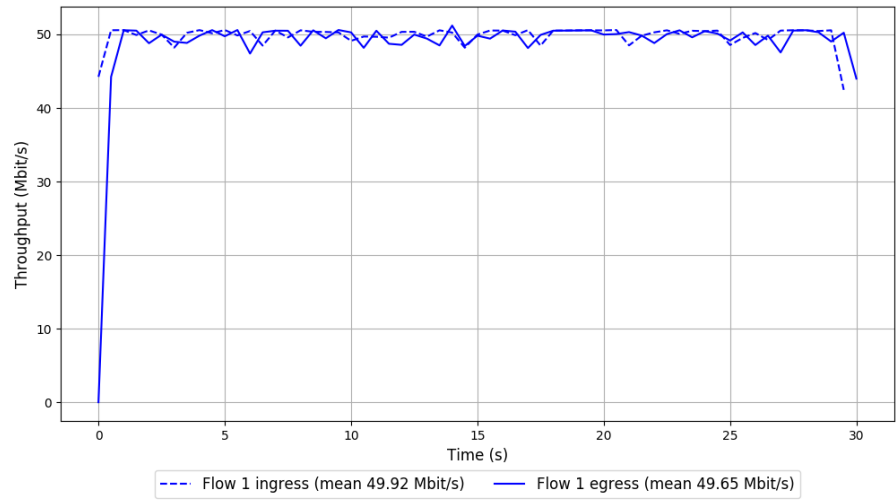
-- Flow 1:

Average throughput: 49.65 Mbit/s

95th percentile per-packet one-way delay: 4.216 ms

Loss rate: 0.53%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-03-08 22:57:17

End at: 2019-03-08 22:57:47

Local clock offset: 2.754 ms

Remote clock offset: 0.642 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.87 Mbit/s

95th percentile per-packet one-way delay: 4.022 ms

Loss rate: 0.23%

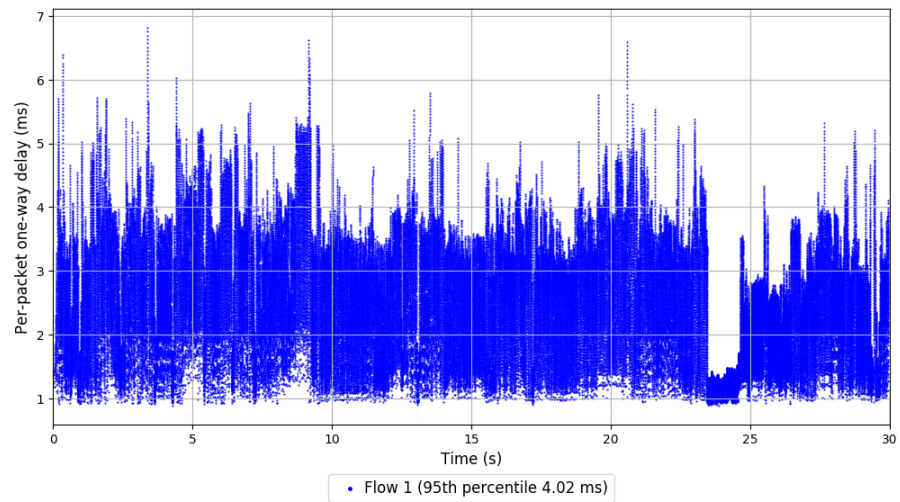
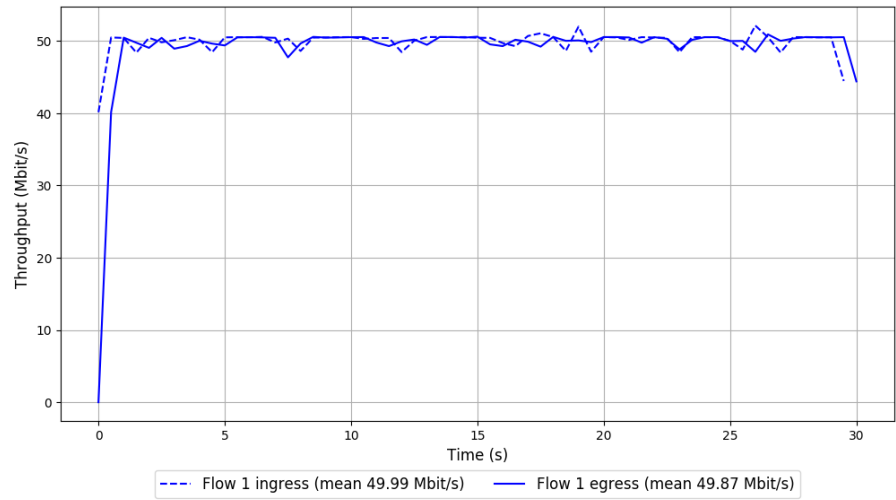
-- Flow 1:

Average throughput: 49.87 Mbit/s

95th percentile per-packet one-way delay: 4.022 ms

Loss rate: 0.23%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-03-08 23:25:58

End at: 2019-03-08 23:26:28

Local clock offset: 3.53 ms

Remote clock offset: 0.915 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.97 Mbit/s

95th percentile per-packet one-way delay: 4.002 ms

Loss rate: 0.13%

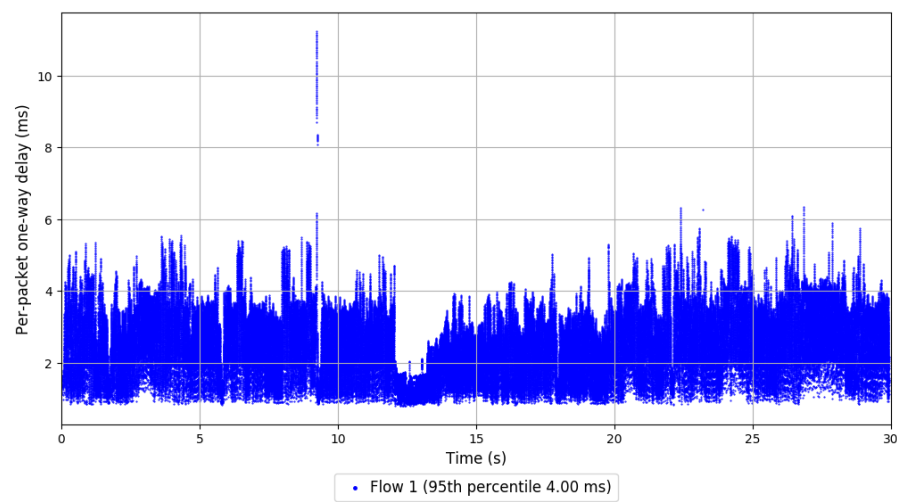
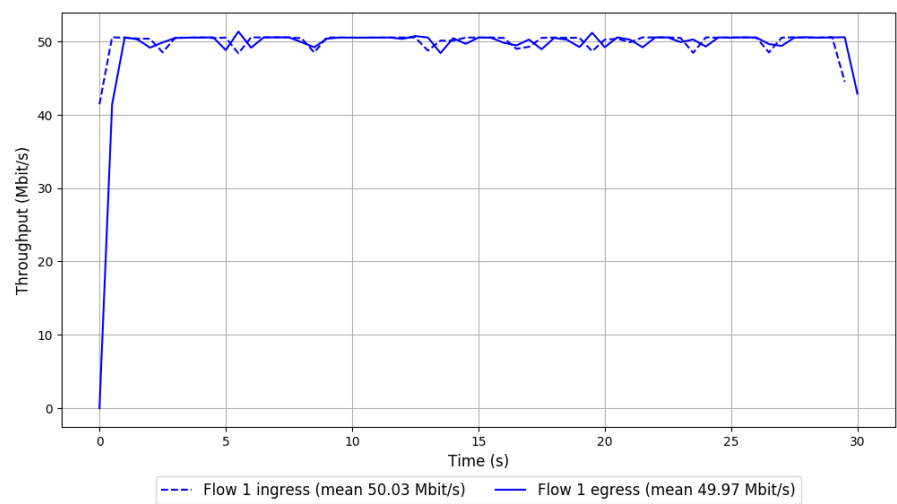
-- Flow 1:

Average throughput: 49.97 Mbit/s

95th percentile per-packet one-way delay: 4.002 ms

Loss rate: 0.13%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

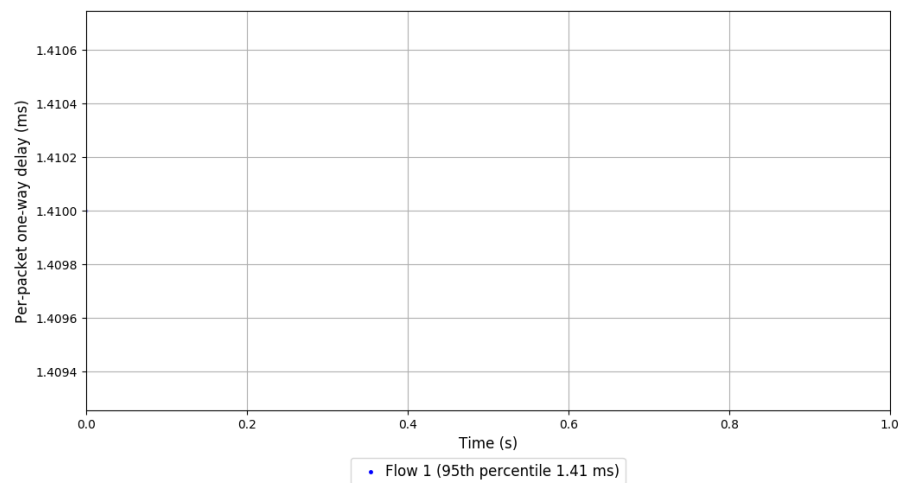
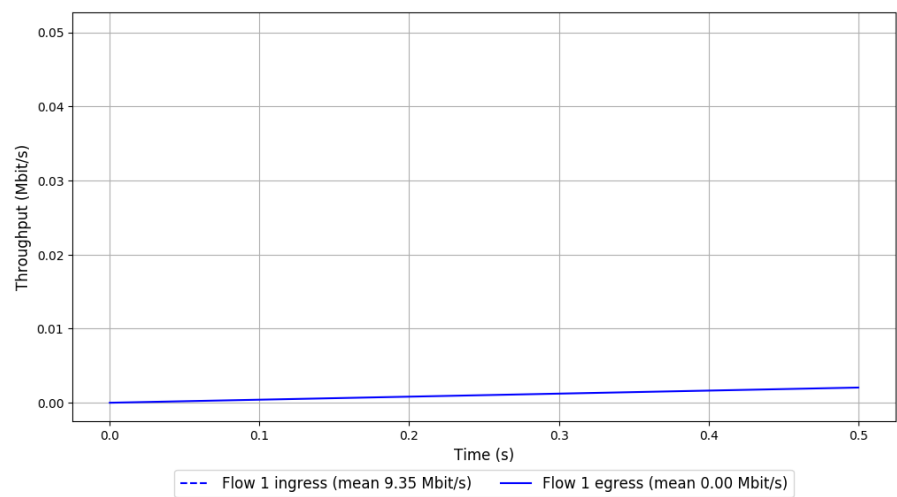
Start at: 2019-03-08 21:21:19

End at: 2019-03-08 21:21:49

Local clock offset: -4.035 ms

Remote clock offset: 0.539 ms

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



Run 2: Statistics of TaoVA-100x

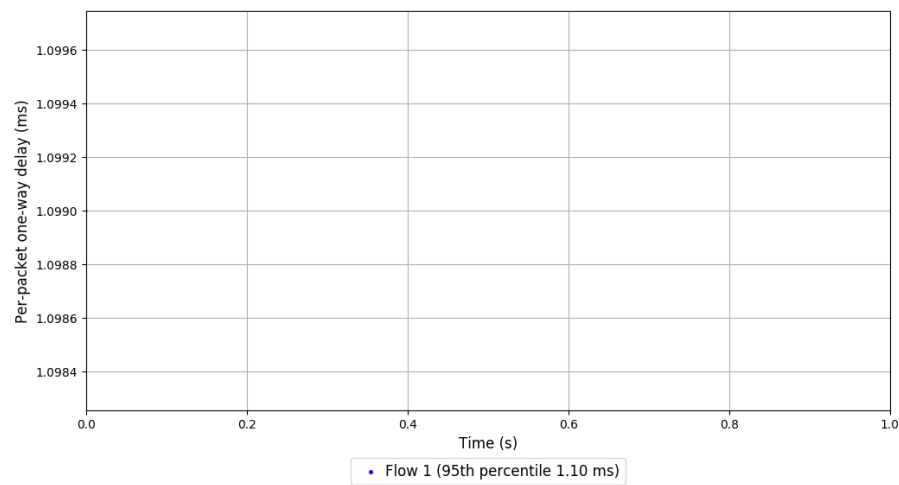
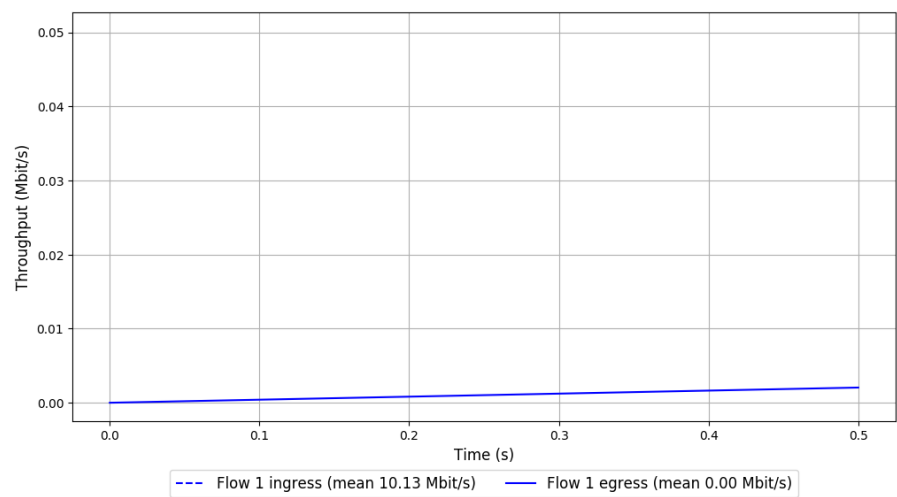
Start at: 2019-03-08 21:49:56

End at: 2019-03-08 21:50:26

Local clock offset: 0.726 ms

Remote clock offset: 1.151 ms

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



Run 3: Statistics of TaoVA-100x

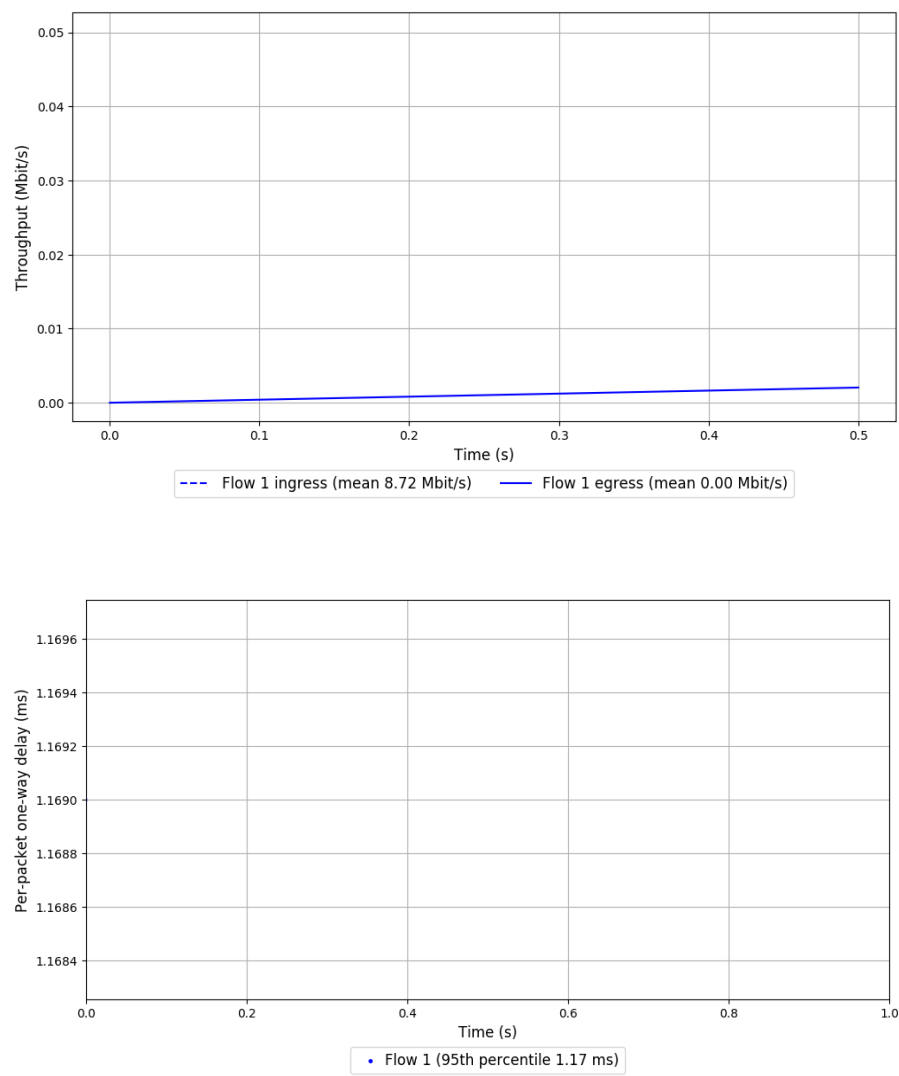
Start at: 2019-03-08 22:18:52

End at: 2019-03-08 22:19:22

Local clock offset: 2.301 ms

Remote clock offset: 4.868 ms

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



Run 4: Statistics of TaoVA-100x

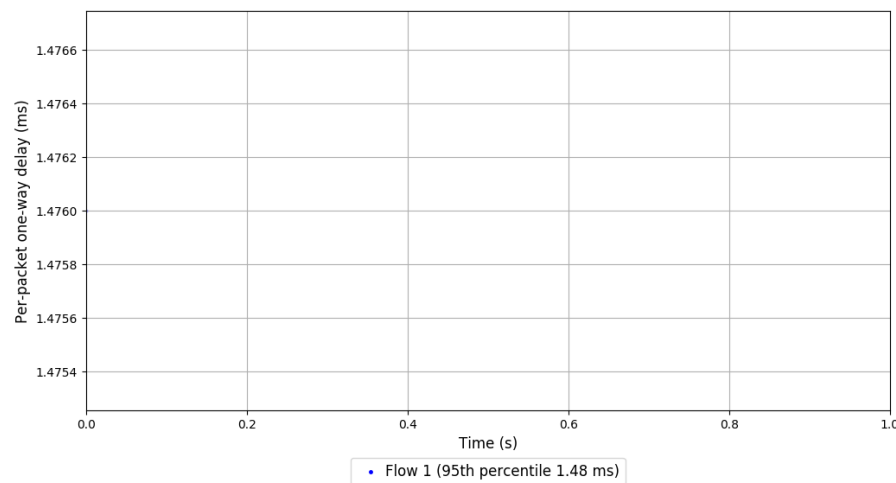
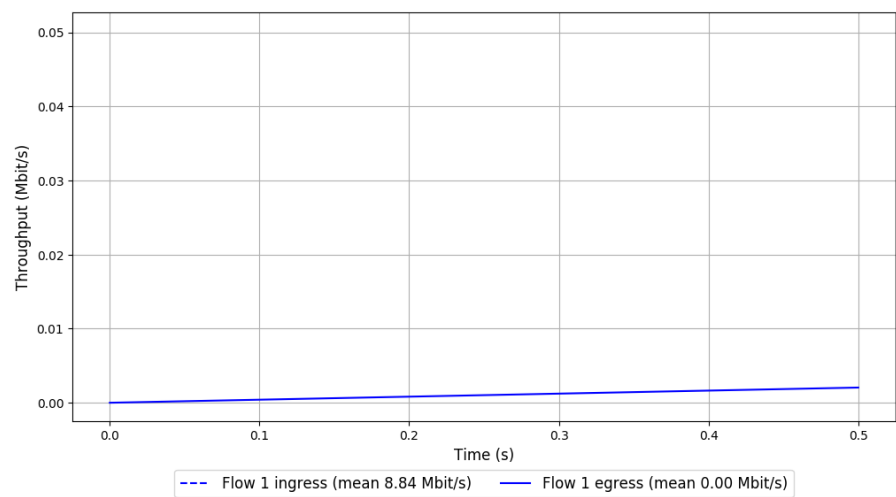
Start at: 2019-03-08 22:47:32

End at: 2019-03-08 22:48:02

Local clock offset: 0.736 ms

Remote clock offset: 0.756 ms

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



Run 5: Statistics of TaoVA-100x

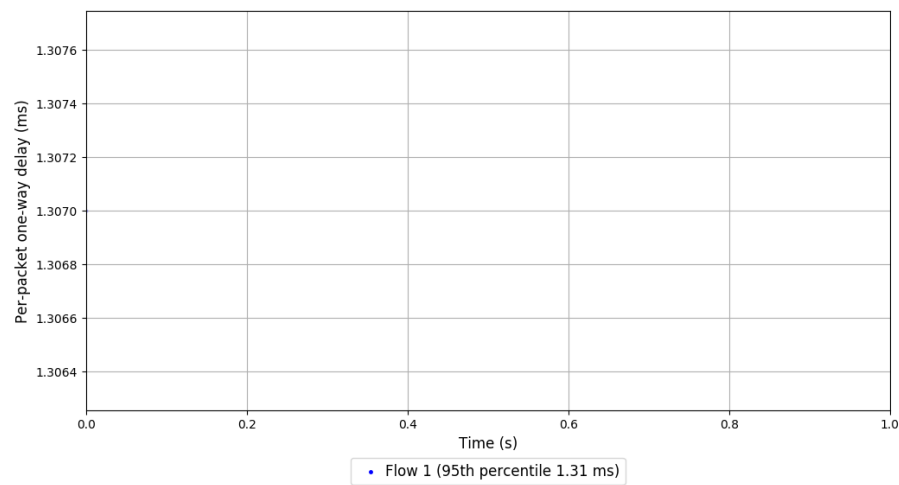
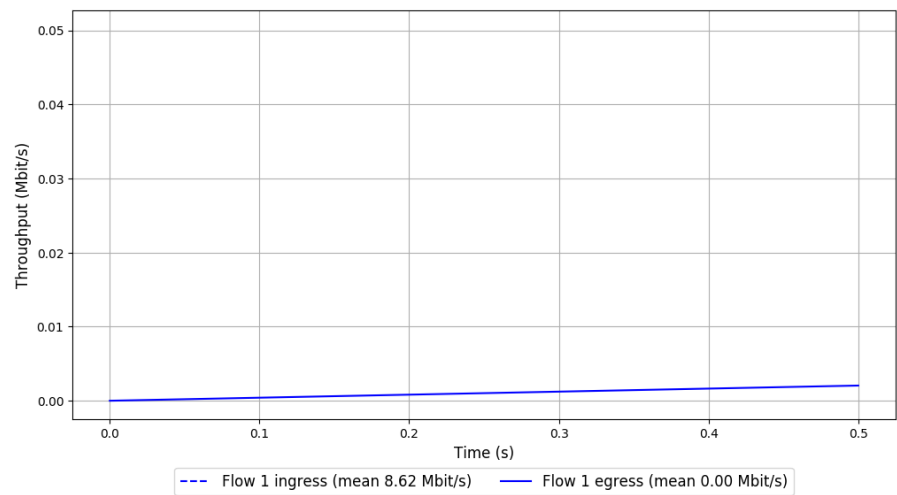
Start at: 2019-03-08 23:16:15

End at: 2019-03-08 23:16:45

Local clock offset: 3.723 ms

Remote clock offset: 0.891 ms

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



Run 1: Statistics of TCP Vegas

Start at: 2019-03-08 21:33:43

End at: 2019-03-08 21:34:13

Local clock offset: -1.585 ms

Remote clock offset: 0.399 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.02 Mbit/s

95th percentile per-packet one-way delay: 1.145 ms

Loss rate: 0.02%

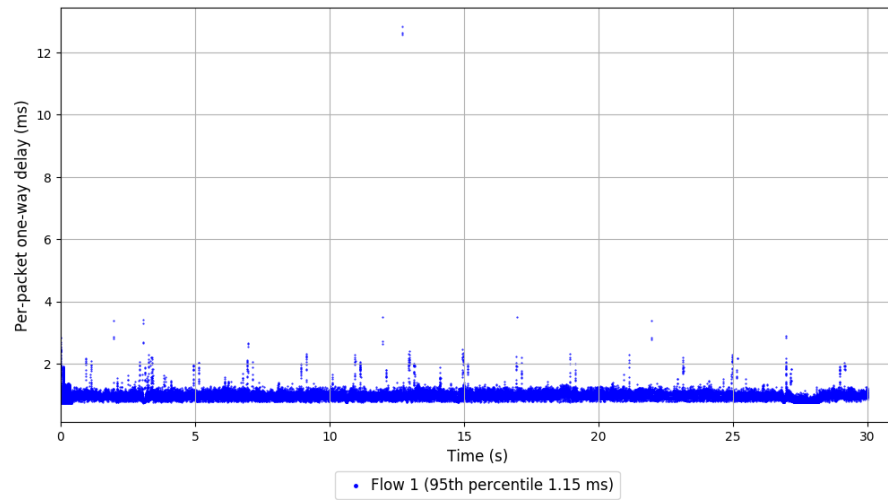
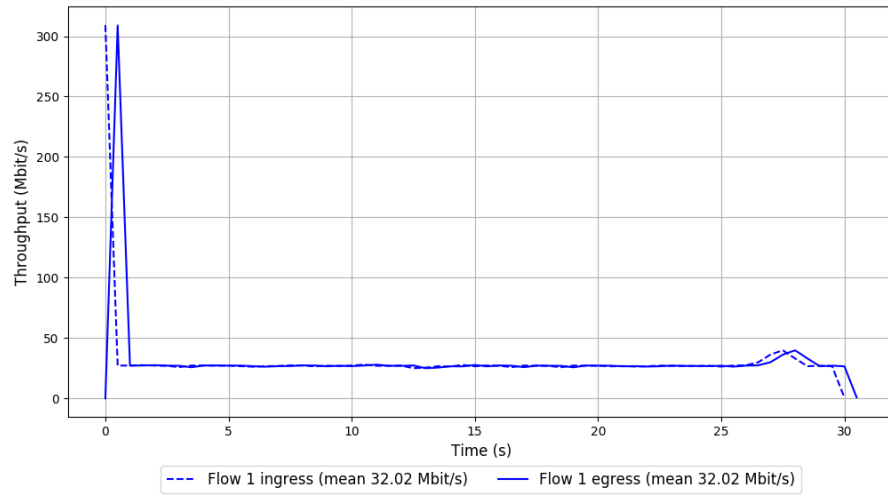
-- Flow 1:

Average throughput: 32.02 Mbit/s

95th percentile per-packet one-way delay: 1.145 ms

Loss rate: 0.02%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-03-08 22:02:27

End at: 2019-03-08 22:02:57

Local clock offset: 3.016 ms

Remote clock offset: 3.46 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.45 Mbit/s

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

Loss rate: 0.02%

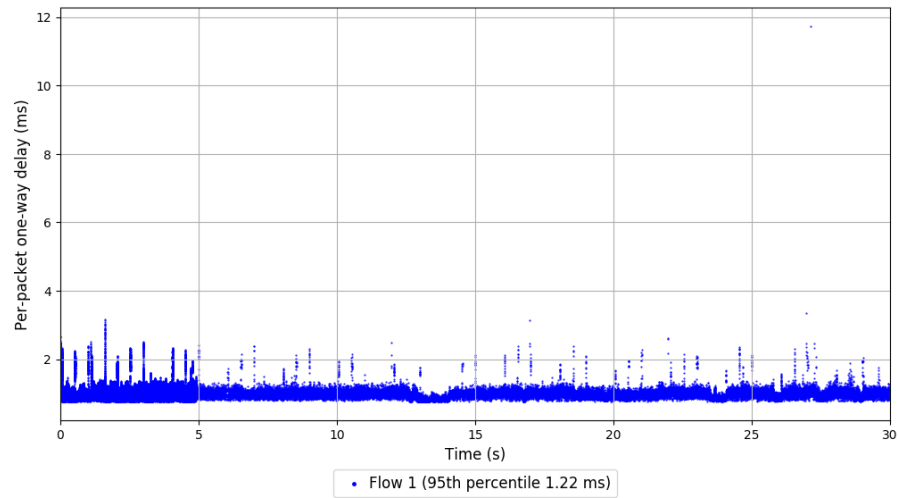
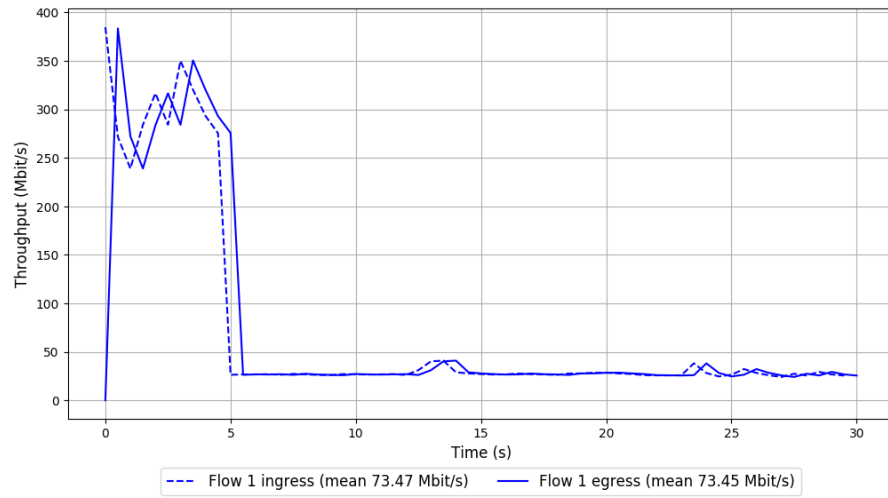
-- Flow 1:

Average throughput: 73.45 Mbit/s

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

Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-03-08 22:31:21

End at: 2019-03-08 22:31:51

Local clock offset: 0.443 ms

Remote clock offset: 2.063 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 1.316 ms

Loss rate: 0.02%

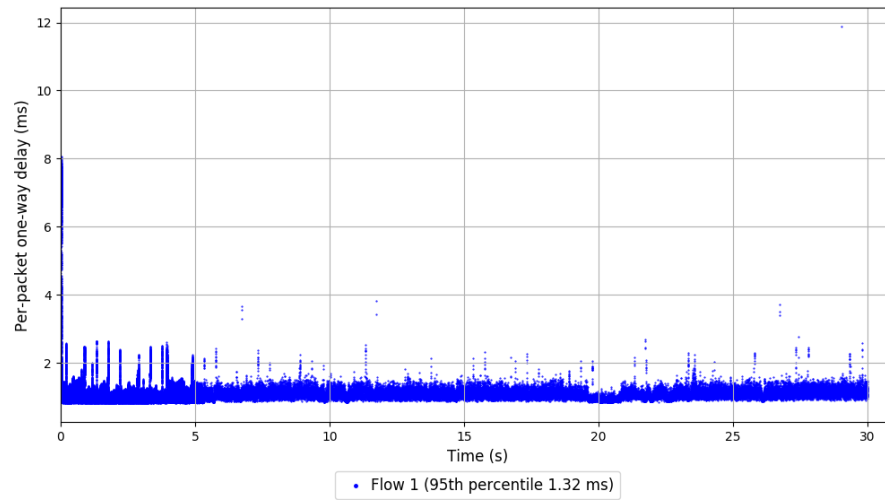
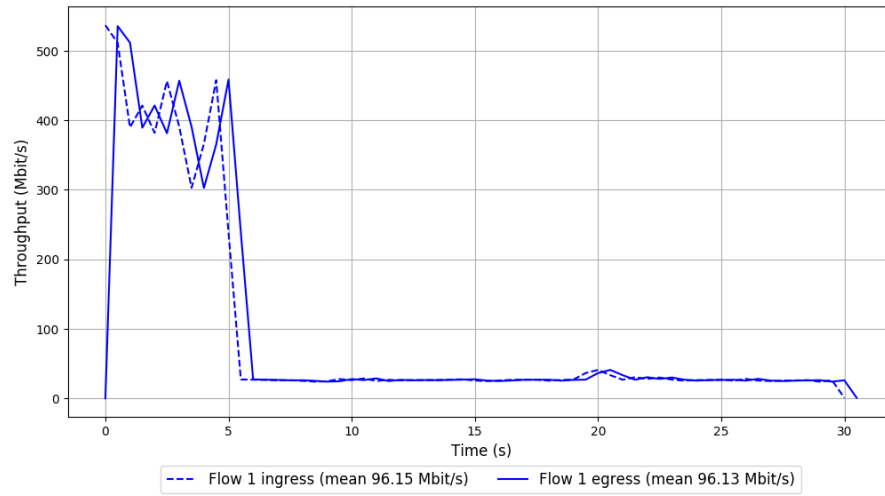
-- Flow 1:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 1.316 ms

Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-03-08 23:00:02

End at: 2019-03-08 23:00:32

Local clock offset: 3.047 ms

Remote clock offset: 0.702 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.08 Mbit/s

95th percentile per-packet one-way delay: 1.284 ms

Loss rate: 0.02%

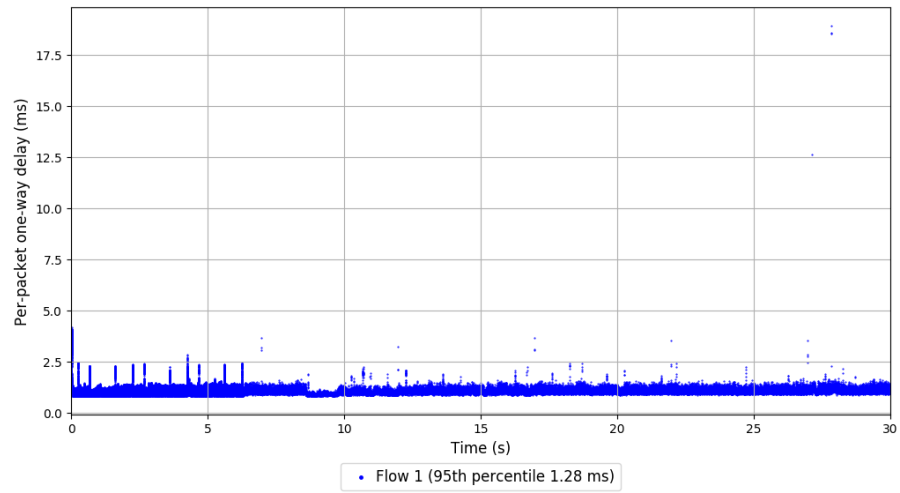
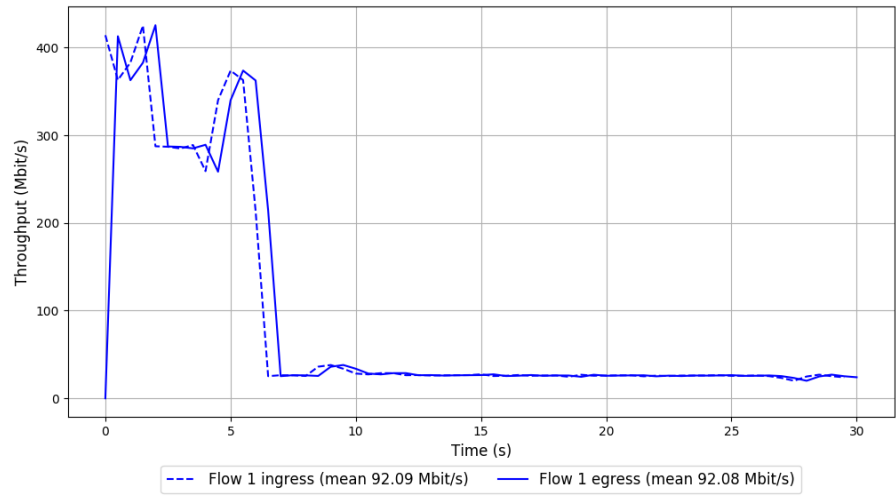
-- Flow 1:

Average throughput: 92.08 Mbit/s

95th percentile per-packet one-way delay: 1.284 ms

Loss rate: 0.02%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-03-08 23:28:41

End at: 2019-03-08 23:29:11

Local clock offset: 3.513 ms

Remote clock offset: 0.912 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.63 Mbit/s

95th percentile per-packet one-way delay: 1.356 ms

Loss rate: 0.02%

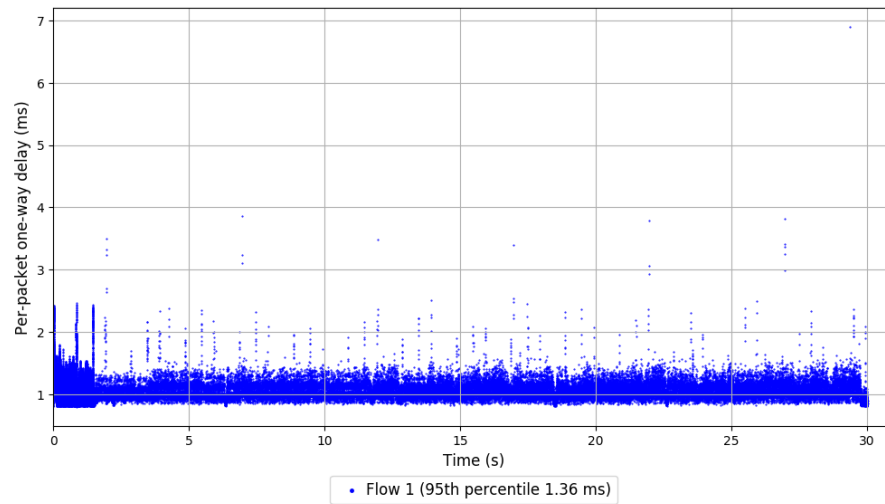
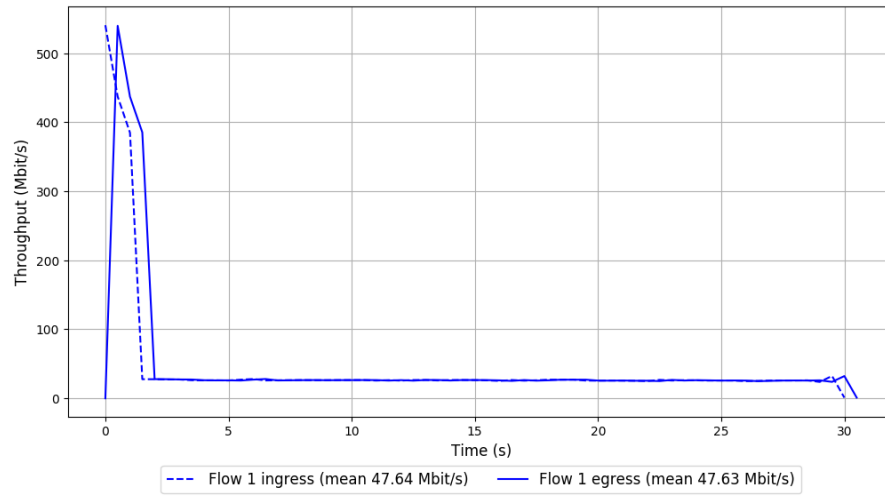
-- Flow 1:

Average throughput: 47.63 Mbit/s

95th percentile per-packet one-way delay: 1.356 ms

Loss rate: 0.02%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-03-08 21:34:58

End at: 2019-03-08 21:35:28

Local clock offset: -1.549 ms

Remote clock offset: 0.421 ms

Below is generated by plot.py at 2019-03-09 00:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 115.90 Mbit/s

95th percentile per-packet one-way delay: 25.264 ms

Loss rate: 1.69%

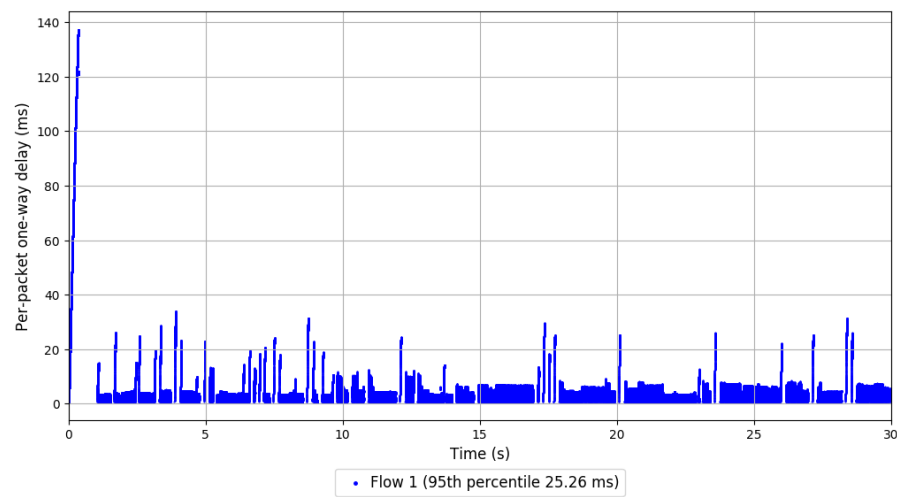
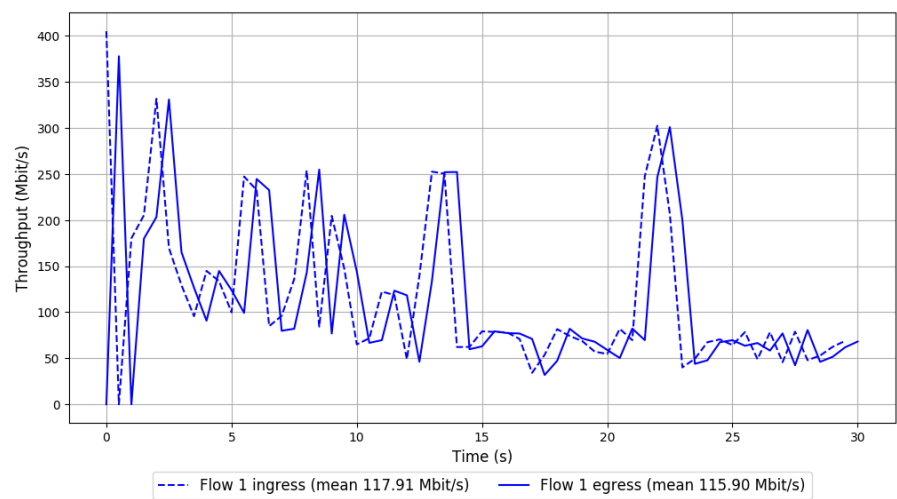
-- Flow 1:

Average throughput: 115.90 Mbit/s

95th percentile per-packet one-way delay: 25.264 ms

Loss rate: 1.69%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-03-08 22:03:43

End at: 2019-03-08 22:04:13

Local clock offset: 3.111 ms

Remote clock offset: 3.511 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 565.62 Mbit/s

95th percentile per-packet one-way delay: 145.321 ms

Loss rate: 7.95%

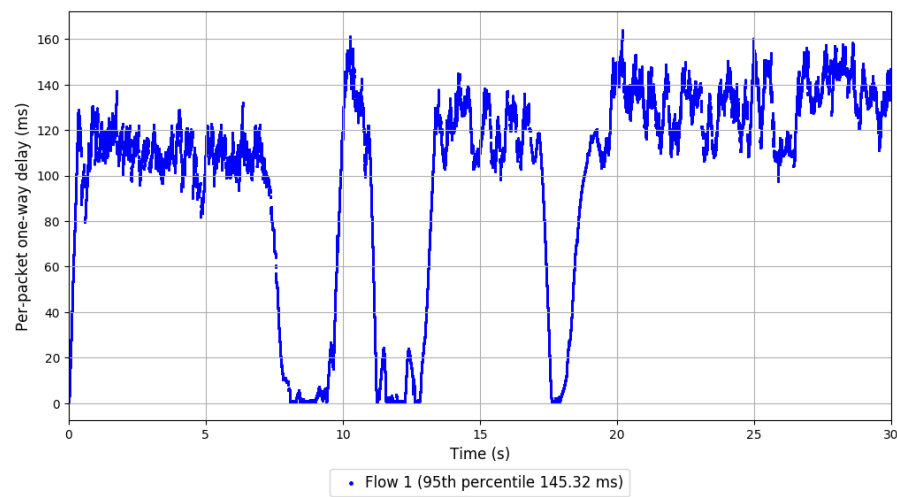
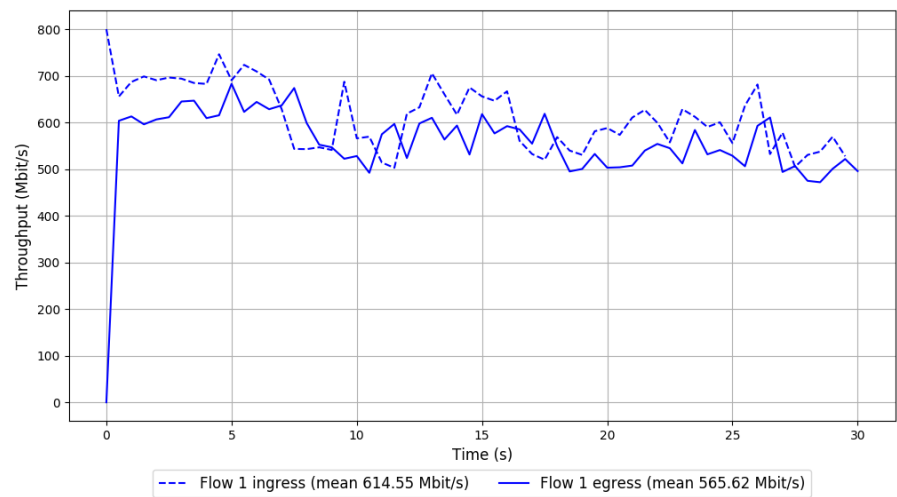
-- Flow 1:

Average throughput: 565.62 Mbit/s

95th percentile per-packet one-way delay: 145.321 ms

Loss rate: 7.95%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-03-08 22:32:37

End at: 2019-03-08 22:33:07

Local clock offset: 0.368 ms

Remote clock offset: 1.827 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 127.97 Mbit/s

95th percentile per-packet one-way delay: 22.379 ms

Loss rate: 1.59%

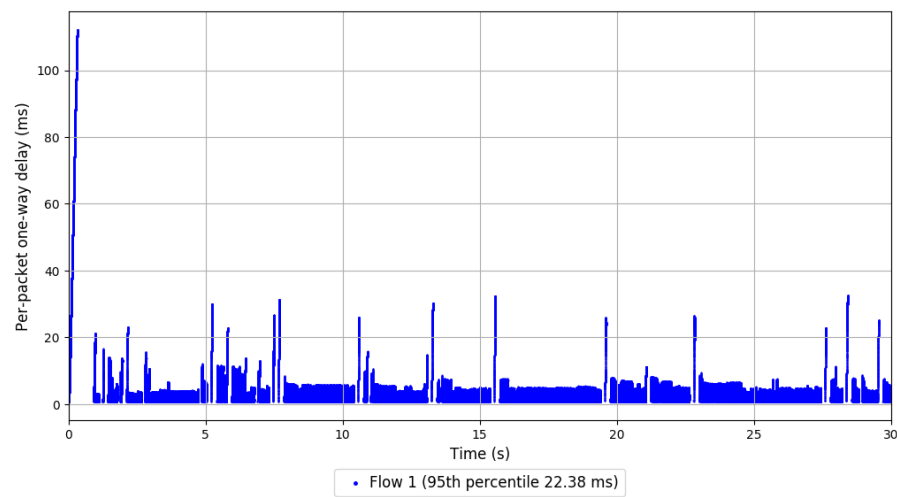
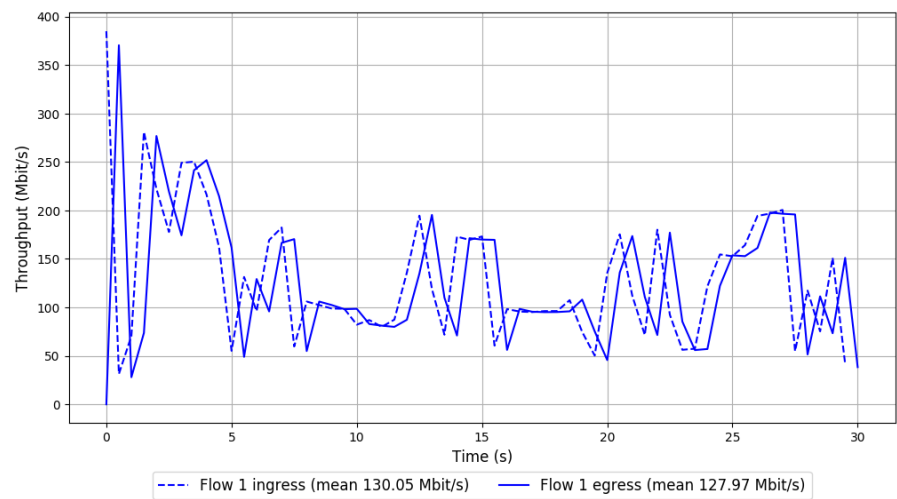
-- Flow 1:

Average throughput: 127.97 Mbit/s

95th percentile per-packet one-way delay: 22.379 ms

Loss rate: 1.59%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-03-08 23:01:18

End at: 2019-03-08 23:01:48

Local clock offset: 3.13 ms

Remote clock offset: 0.728 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 168.45 Mbit/s

95th percentile per-packet one-way delay: 13.820 ms

Loss rate: 1.49%

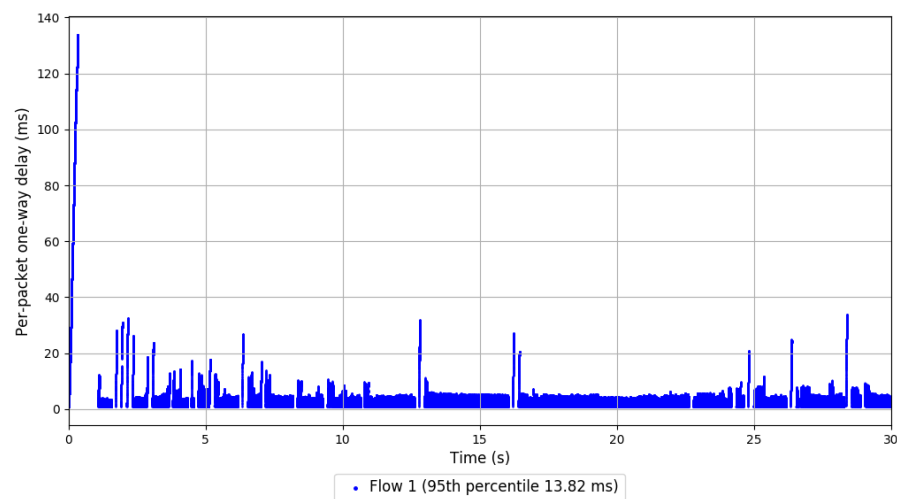
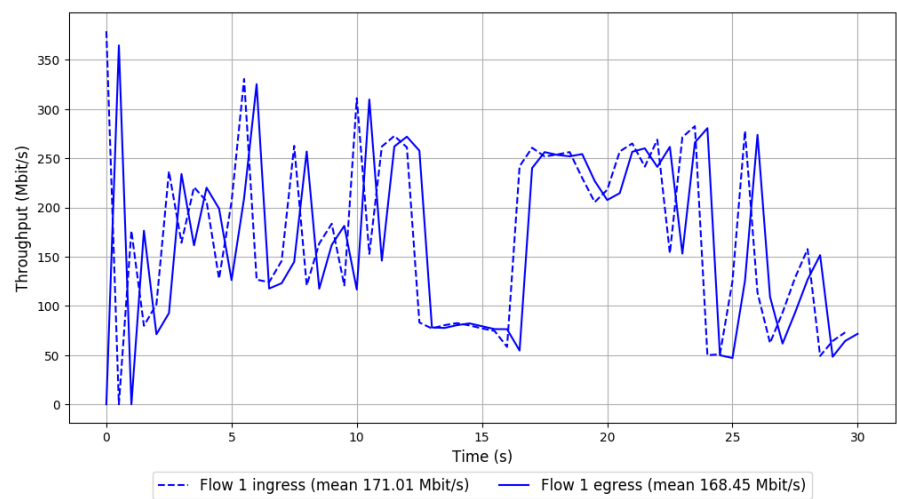
-- Flow 1:

Average throughput: 168.45 Mbit/s

95th percentile per-packet one-way delay: 13.820 ms

Loss rate: 1.49%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-03-08 23:29:55

End at: 2019-03-08 23:30:25

Local clock offset: 3.533 ms

Remote clock offset: 0.948 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 144.65 Mbit/s

95th percentile per-packet one-way delay: 9.799 ms

Loss rate: 1.51%

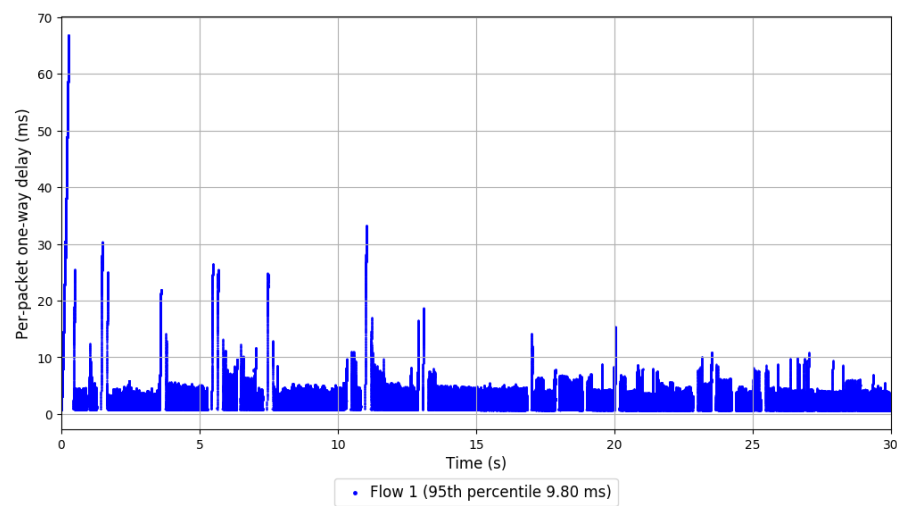
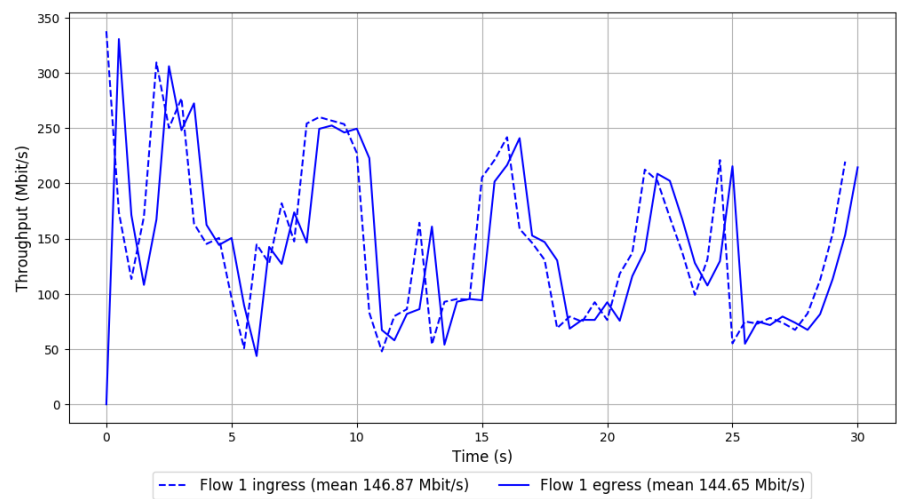
-- Flow 1:

Average throughput: 144.65 Mbit/s

95th percentile per-packet one-way delay: 9.799 ms

Loss rate: 1.51%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-03-08 21:41:33

End at: 2019-03-08 21:42:03

Local clock offset: -1.516 ms

Remote clock offset: 0.434 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 239.84 Mbit/s

95th percentile per-packet one-way delay: 1.064 ms

Loss rate: 0.05%

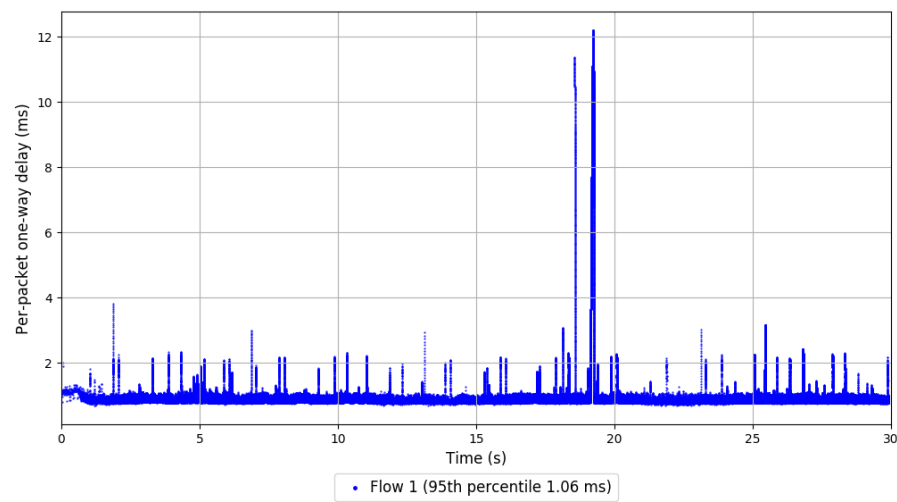
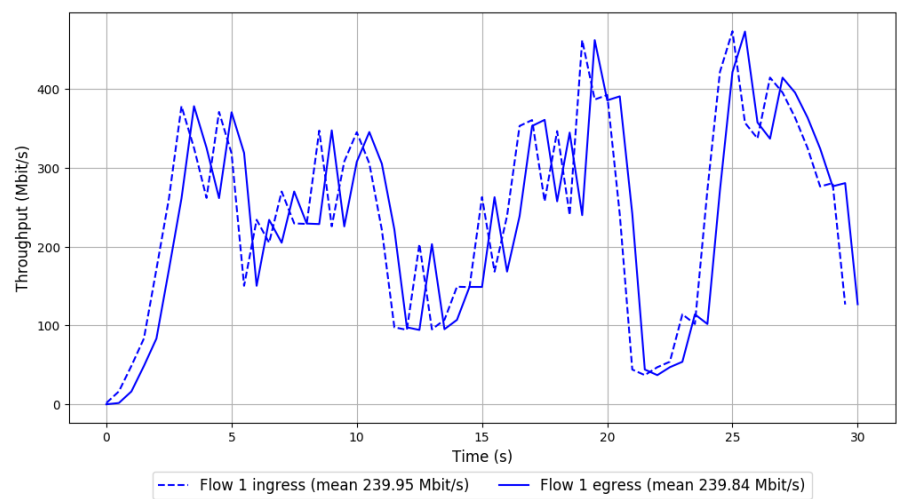
-- Flow 1:

Average throughput: 239.84 Mbit/s

95th percentile per-packet one-way delay: 1.064 ms

Loss rate: 0.05%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-03-08 22:10:38

End at: 2019-03-08 22:11:08

Local clock offset: 3.515 ms

Remote clock offset: 4.306 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 268.74 Mbit/s

95th percentile per-packet one-way delay: 1.557 ms

Loss rate: 0.04%

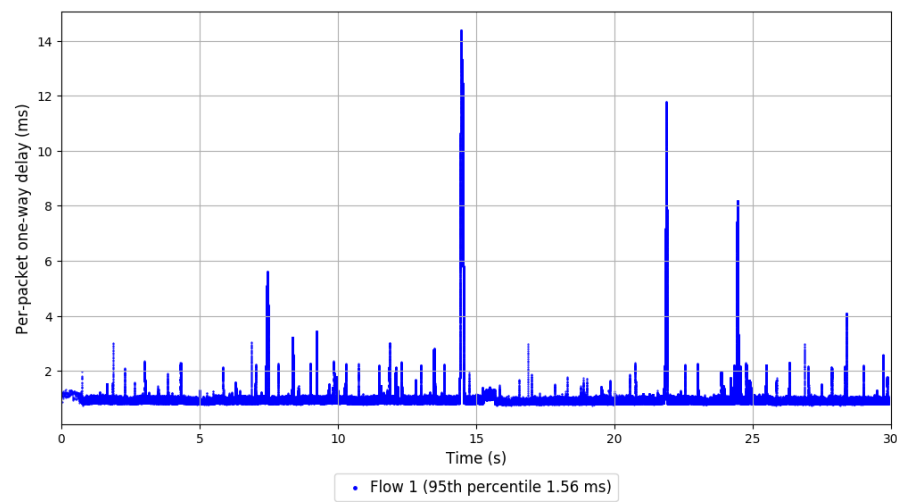
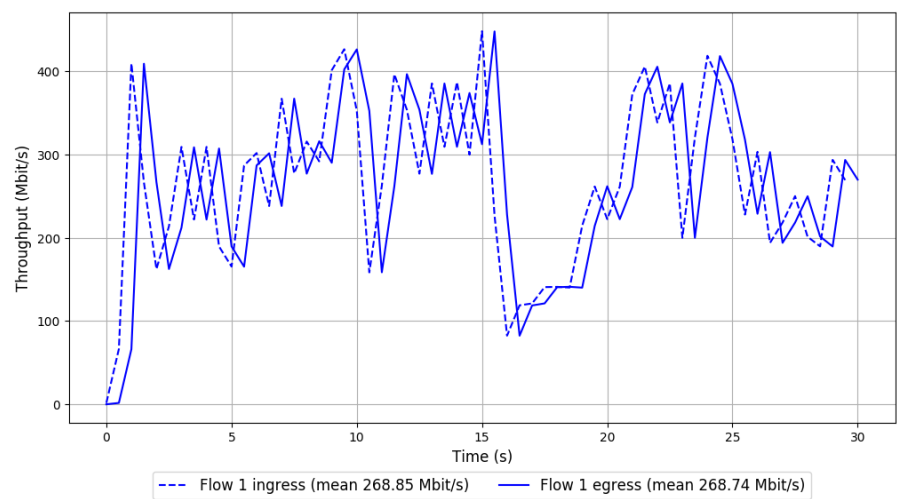
-- Flow 1:

Average throughput: 268.74 Mbit/s

95th percentile per-packet one-way delay: 1.557 ms

Loss rate: 0.04%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-03-08 22:39:13

End at: 2019-03-08 22:39:43

Local clock offset: -0.043 ms

Remote clock offset: 1.079 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 184.17 Mbit/s

95th percentile per-packet one-way delay: 1.129 ms

Loss rate: 0.03%

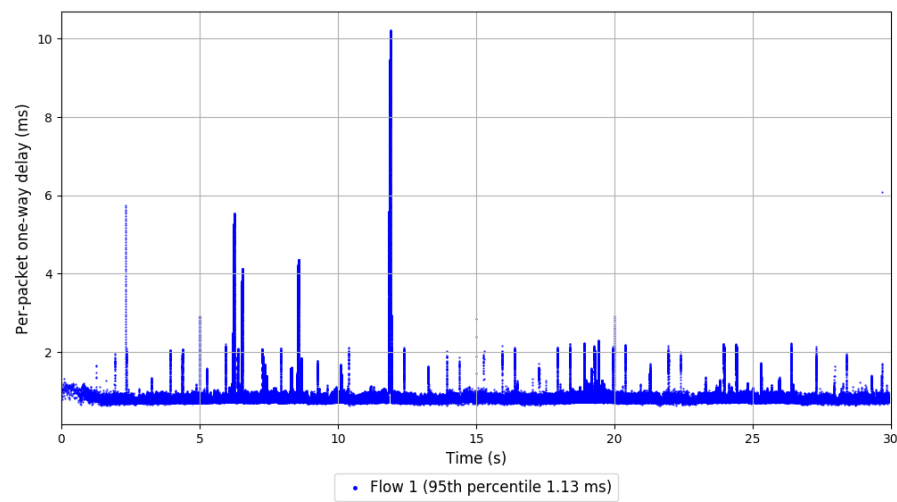
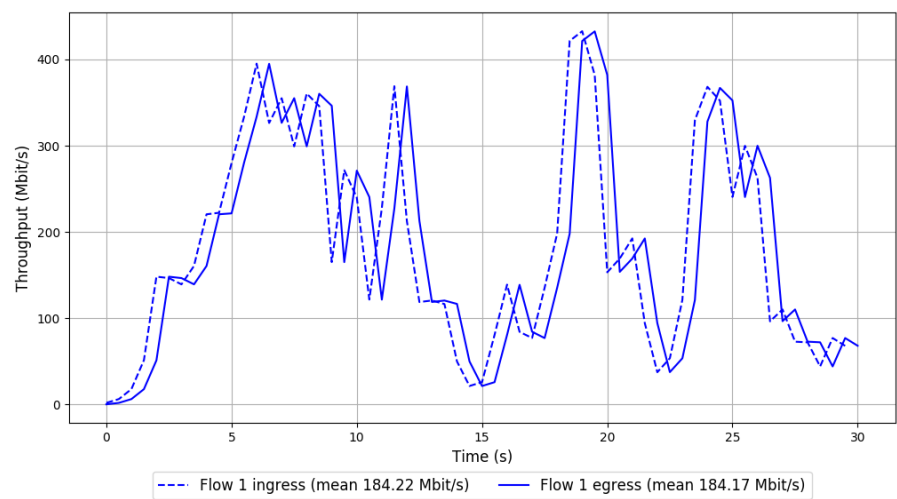
-- Flow 1:

Average throughput: 184.17 Mbit/s

95th percentile per-packet one-way delay: 1.129 ms

Loss rate: 0.03%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-03-08 23:07:57

End at: 2019-03-08 23:08:27

Local clock offset: 3.556 ms

Remote clock offset: 0.749 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 210.67 Mbit/s

95th percentile per-packet one-way delay: 127.599 ms

Loss rate: 1.87%

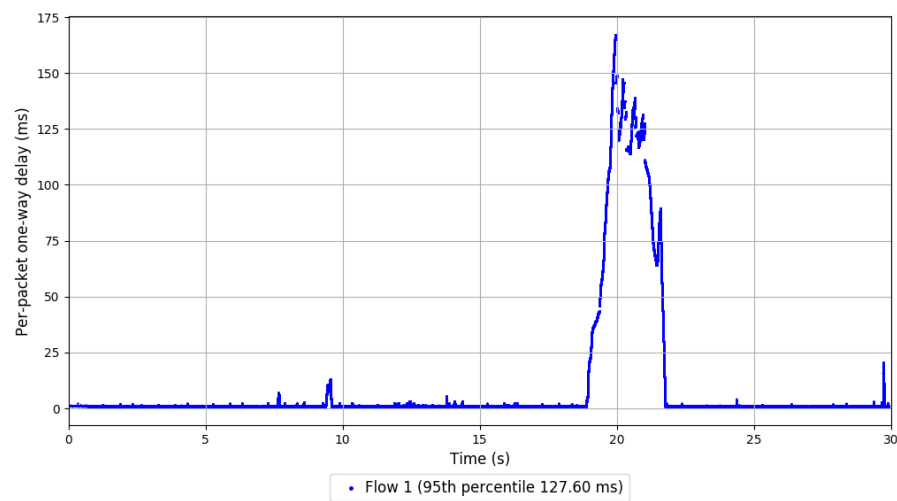
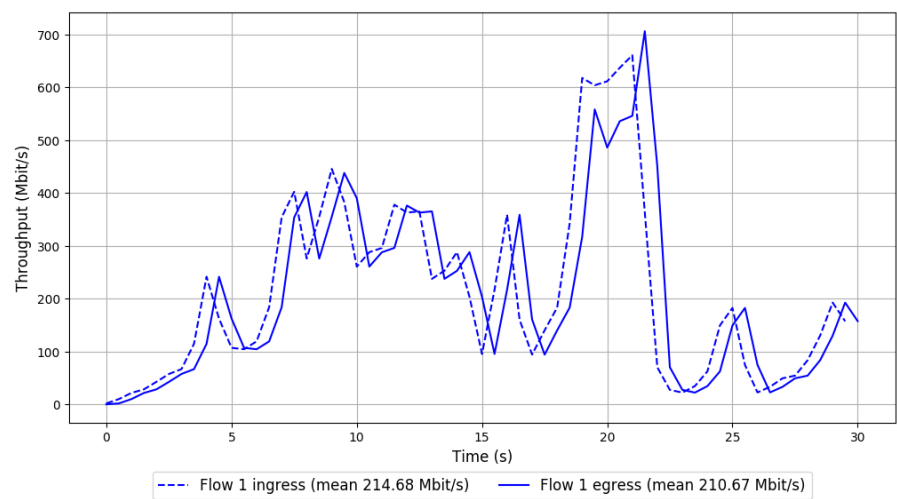
-- Flow 1:

Average throughput: 210.67 Mbit/s

95th percentile per-packet one-way delay: 127.599 ms

Loss rate: 1.87%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-03-08 23:36:33

End at: 2019-03-08 23:37:03

Local clock offset: 3.557 ms

Remote clock offset: 2.661 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 170.63 Mbit/s

95th percentile per-packet one-way delay: 0.904 ms

Loss rate: 0.03%

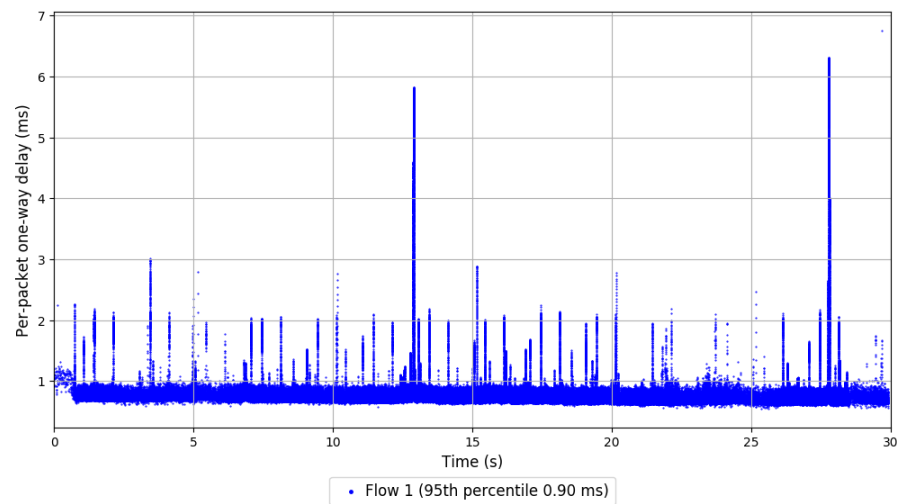
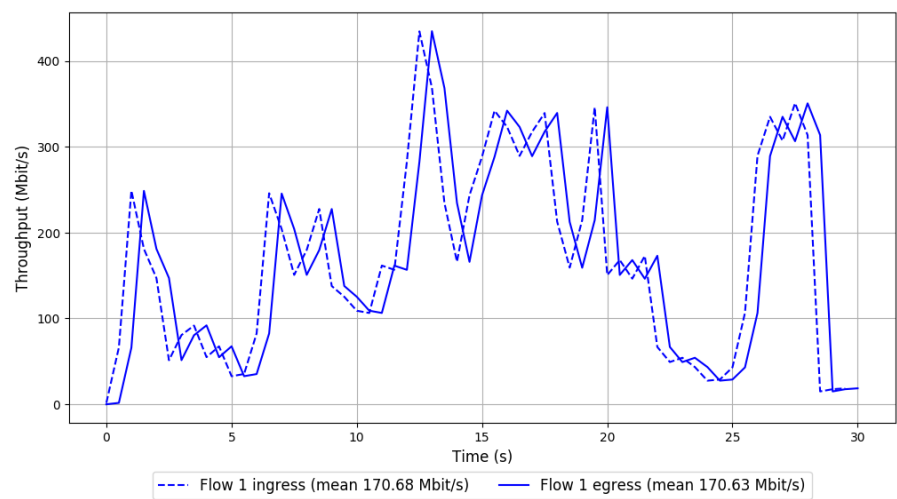
-- Flow 1:

Average throughput: 170.63 Mbit/s

95th percentile per-packet one-way delay: 0.904 ms

Loss rate: 0.03%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-03-08 21:47:07

End at: 2019-03-08 21:47:37

Local clock offset: -0.354 ms

Remote clock offset: 0.491 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.715 ms

Loss rate: 0.00%

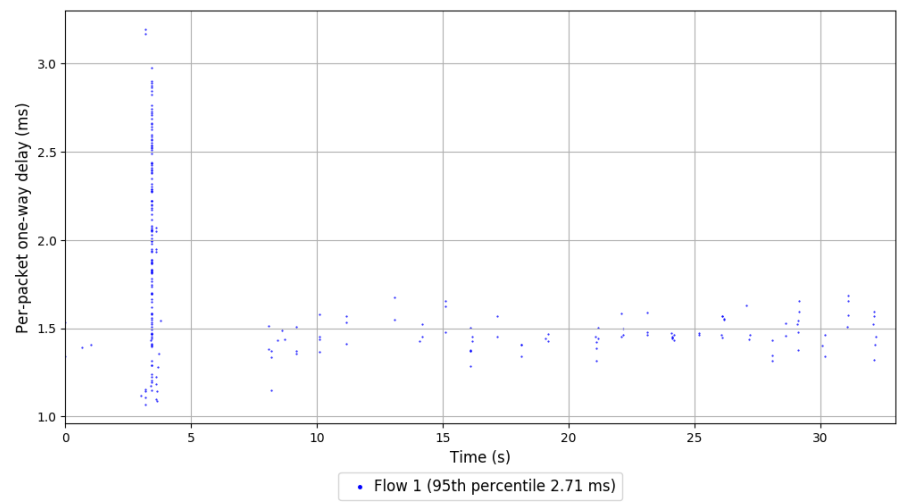
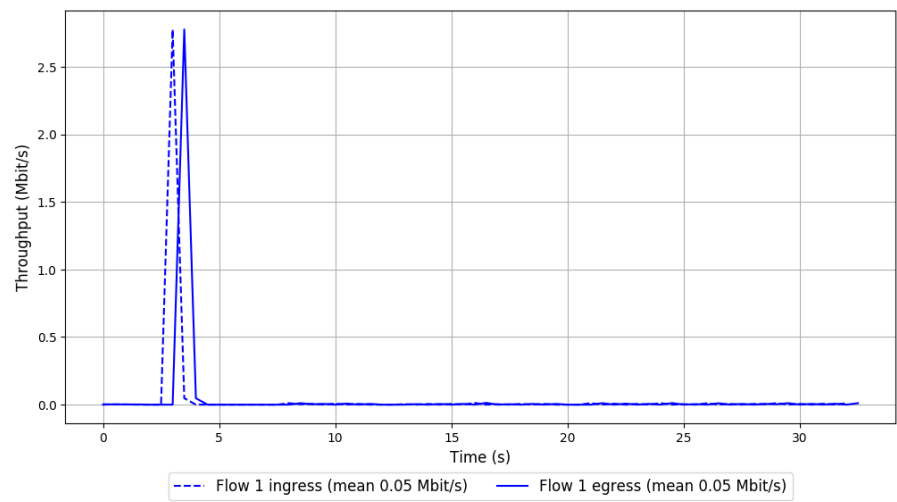
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.715 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-03-08 22:16:11

End at: 2019-03-08 22:16:41

Local clock offset: 3.135 ms

Remote clock offset: 4.687 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 0.981 ms

Loss rate: 0.00%

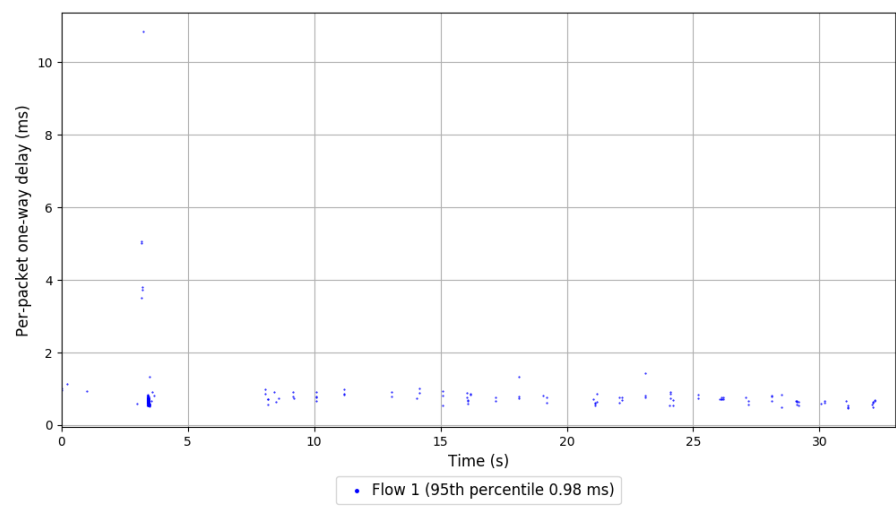
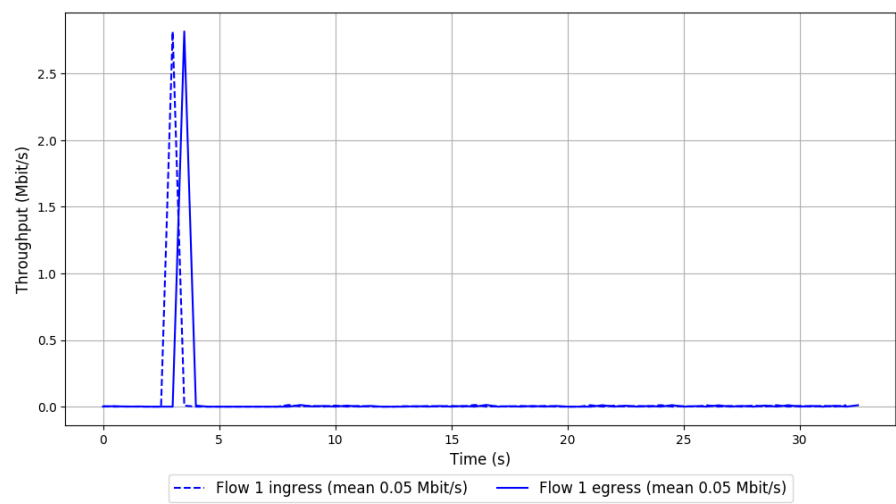
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 0.981 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-03-08 22:44:43

End at: 2019-03-08 22:45:13

Local clock offset: -0.287 ms

Remote clock offset: 0.869 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 5.405 ms

Loss rate: 0.00%

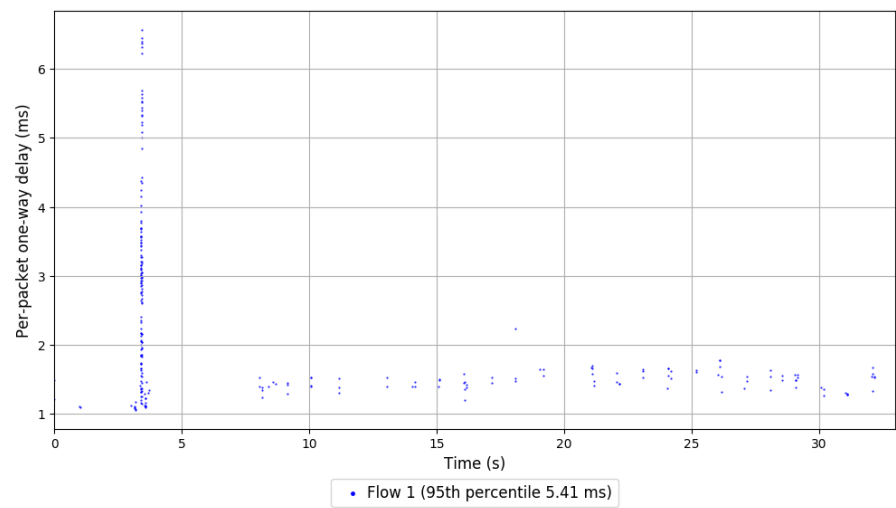
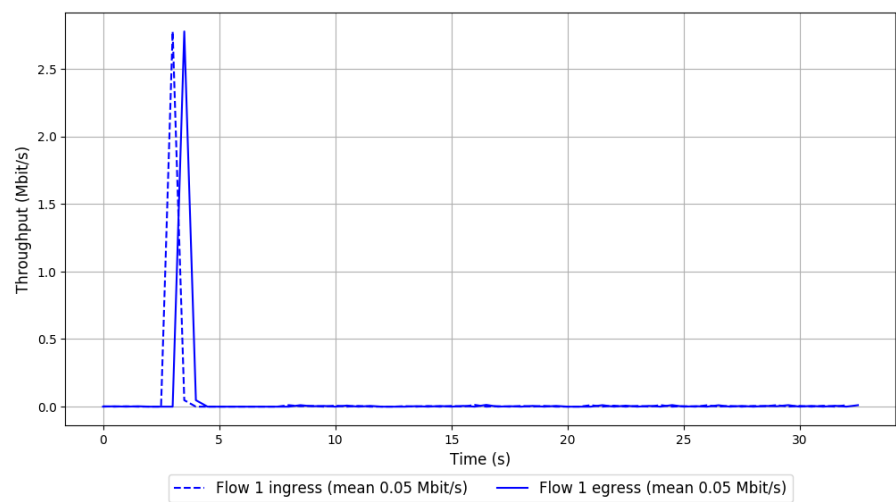
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 5.405 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-03-08 23:13:29

End at: 2019-03-08 23:13:59

Local clock offset: 3.754 ms

Remote clock offset: 0.932 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 5.631 ms

Loss rate: 0.00%

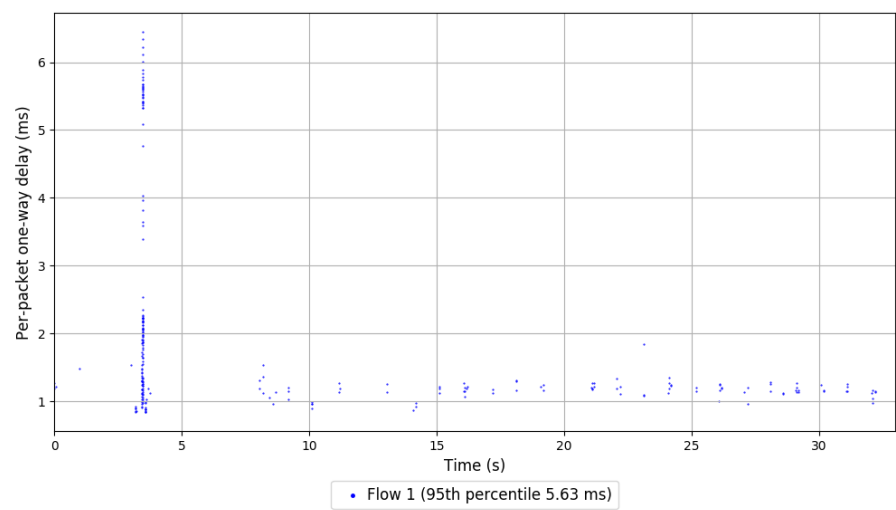
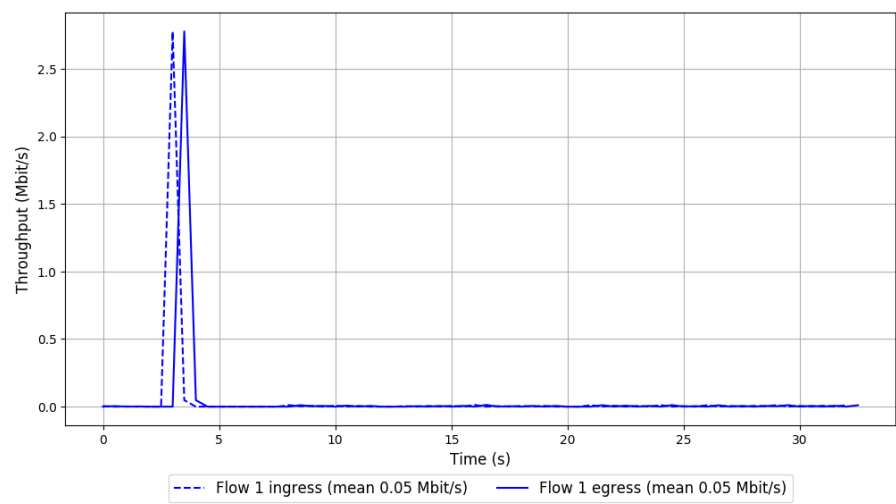
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 5.631 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-03-08 23:42:04

End at: 2019-03-08 23:42:34

Local clock offset: 3.595 ms

Remote clock offset: 3.606 ms

Below is generated by plot.py at 2019-03-09 00:33:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 1.125 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 1.125 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

