

Pantheon Report

Generated at 2019-05-29 22:39:24 (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:

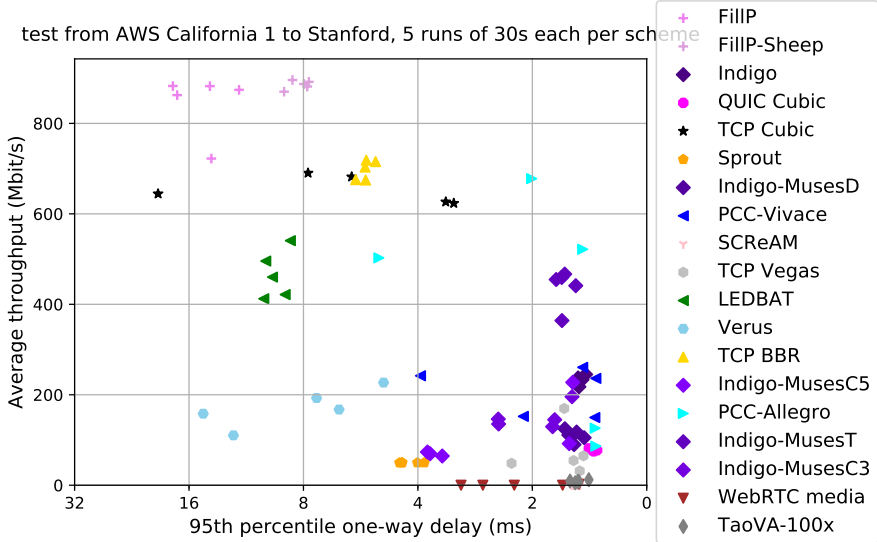
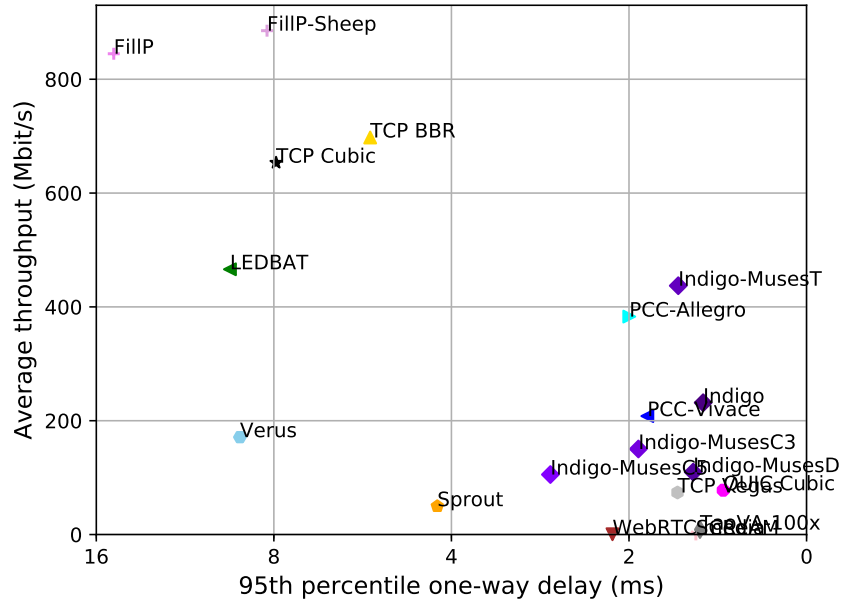
```
Linux 4.15.0-1035-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 7a686f7c2ed0a333082c0bab1fa5c921ab47e6ee
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
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)	mean 95th-%ile delay (ms)	mean loss rate (%)
		flow 1	flow 1	flow 1
TCP BBR	5	697.65	5.49	0.19
Copa	0	N/A	N/A	N/A
TCP Cubic	5	653.31	7.93	0.12
FillP	5	844.80	14.95	4.15
FillP-Sheep	5	885.32	8.22	3.43
Indigo	5	231.60	1.16	0.02
Indigo-MusesC3	5	150.35	1.89	0.09
Indigo-MusesC5	5	105.43	2.72	0.08
Indigo-MusesD	5	109.70	1.28	0.03
Indigo-MusesT	5	437.22	1.45	0.06
LEDBAT	5	466.08	9.50	0.09
PCC-Allegro	5	382.94	2.00	0.11
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	77.90	0.94	0.01
SReAM	5	0.22	1.25	0.00
Sprout	5	49.83	4.23	0.28
TaoVA-100x	5	8.68	1.20	56.00
TCP Vegas	5	73.86	1.45	0.03
Verus	5	171.12	9.13	1.86
PCC-Vivace	5	208.16	1.79	0.03
WebRTC media	5	0.48	2.13	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-05-29 19:44:04

End at: 2019-05-29 19:44:34

Local clock offset: 5.85 ms

Remote clock offset: -0.68 ms

Below is generated by plot.py at 2019-05-29 22:04:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 675.73 Mbit/s

95th percentile per-packet one-way delay: 5.830 ms

Loss rate: 0.08%

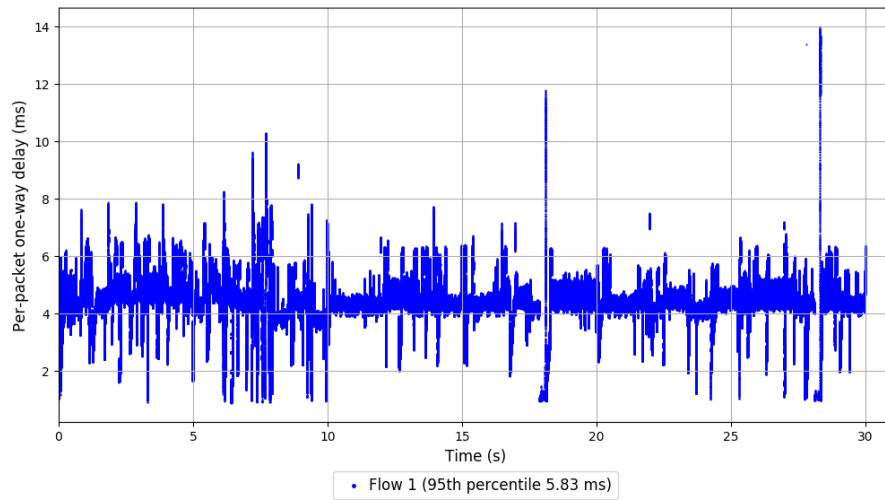
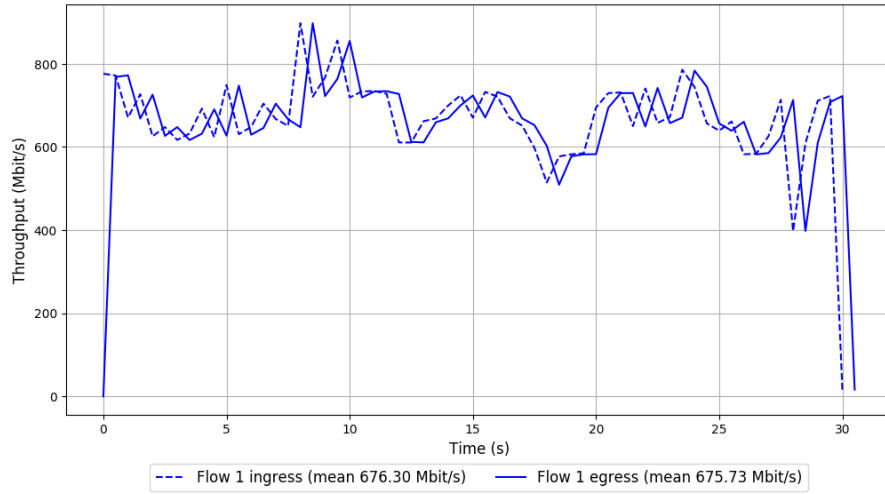
-- Flow 1:

Average throughput: 675.73 Mbit/s

95th percentile per-packet one-way delay: 5.830 ms

Loss rate: 0.08%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-05-29 20:12:42

End at: 2019-05-29 20:13:12

Local clock offset: 6.118 ms

Remote clock offset: -2.501 ms

Below is generated by plot.py at 2019-05-29 22:04:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 715.58 Mbit/s

95th percentile per-packet one-way delay: 5.169 ms

Loss rate: 0.17%

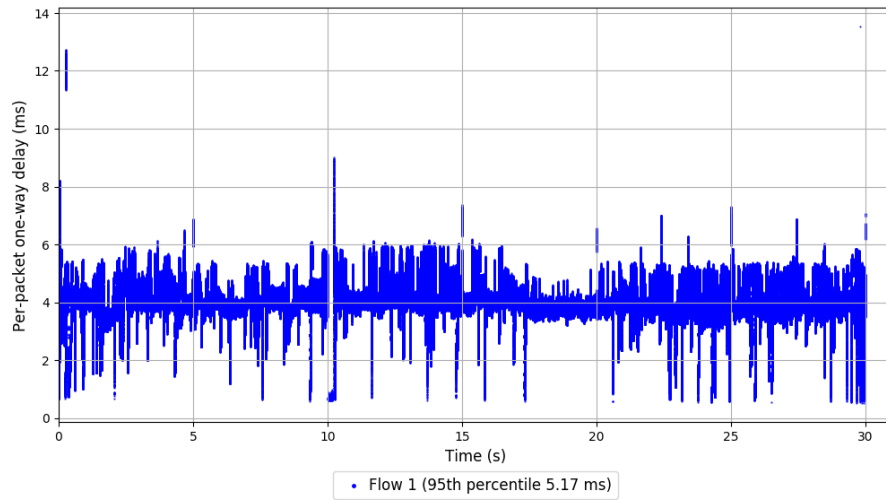
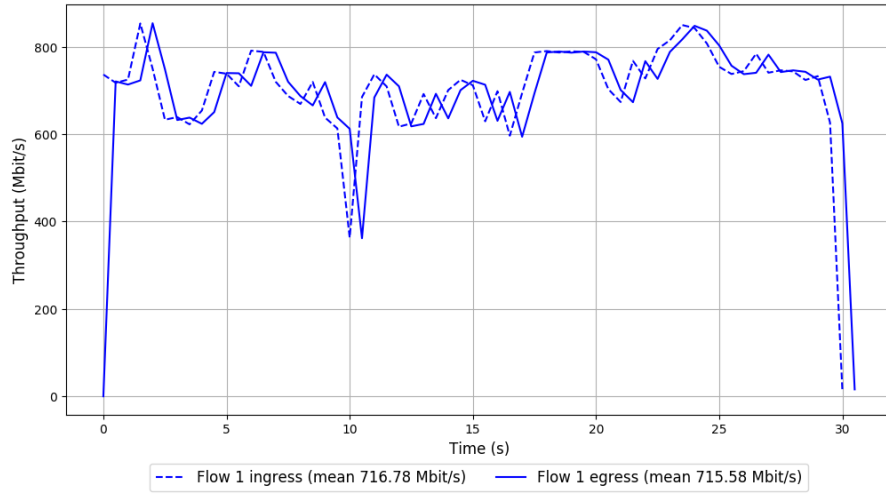
-- Flow 1:

Average throughput: 715.58 Mbit/s

95th percentile per-packet one-way delay: 5.169 ms

Loss rate: 0.17%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-05-29 20:41:15

End at: 2019-05-29 20:41:46

Local clock offset: 6.149 ms

Remote clock offset: 0.996 ms

Below is generated by plot.py at 2019-05-29 22:04:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 718.74 Mbit/s

95th percentile per-packet one-way delay: 5.468 ms

Loss rate: 0.24%

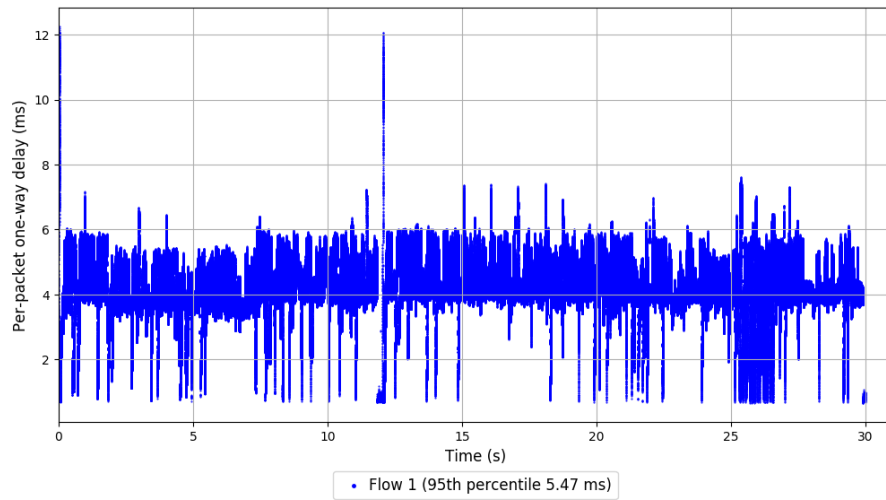
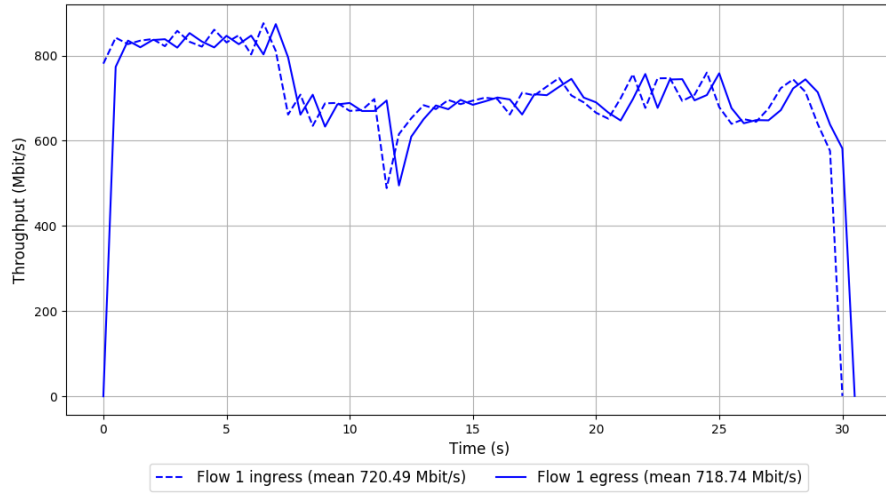
-- Flow 1:

Average throughput: 718.74 Mbit/s

95th percentile per-packet one-way delay: 5.468 ms

Loss rate: 0.24%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-05-29 21:09:50

End at: 2019-05-29 21:10:21

Local clock offset: 5.355 ms

Remote clock offset: -4.039 ms

Below is generated by plot.py at 2019-05-29 22:04:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 703.42 Mbit/s

95th percentile per-packet one-way delay: 5.506 ms

Loss rate: 0.26%

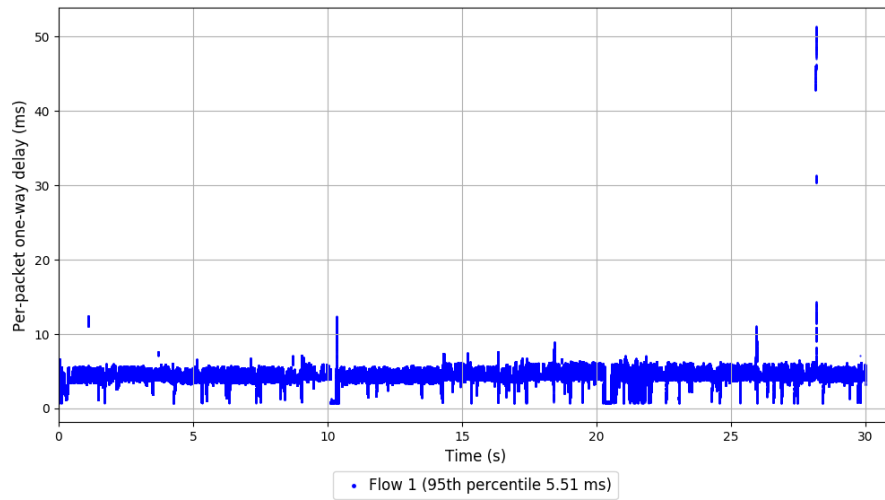
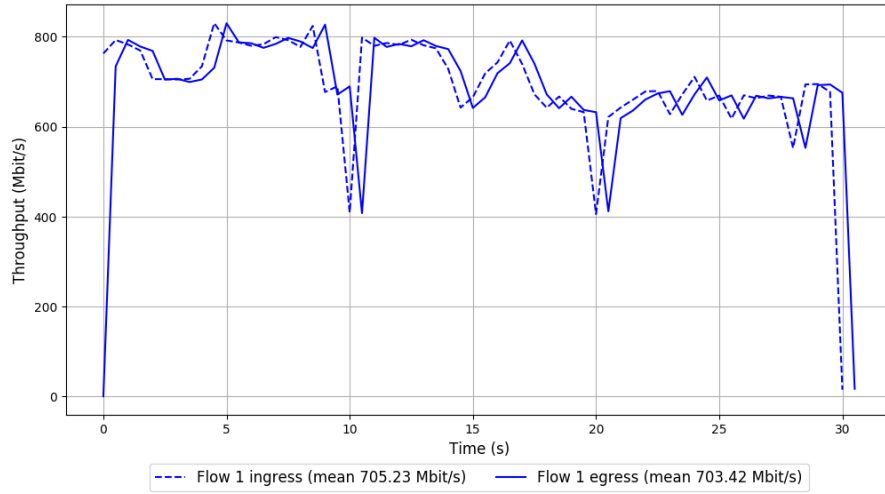
-- Flow 1:

Average throughput: 703.42 Mbit/s

95th percentile per-packet one-way delay: 5.506 ms

Loss rate: 0.26%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-05-29 21:38:10

End at: 2019-05-29 21:38:40

Local clock offset: 4.136 ms

Remote clock offset: -3.023 ms

Below is generated by plot.py at 2019-05-29 22:04:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 674.78 Mbit/s

95th percentile per-packet one-way delay: 5.490 ms

Loss rate: 0.20%

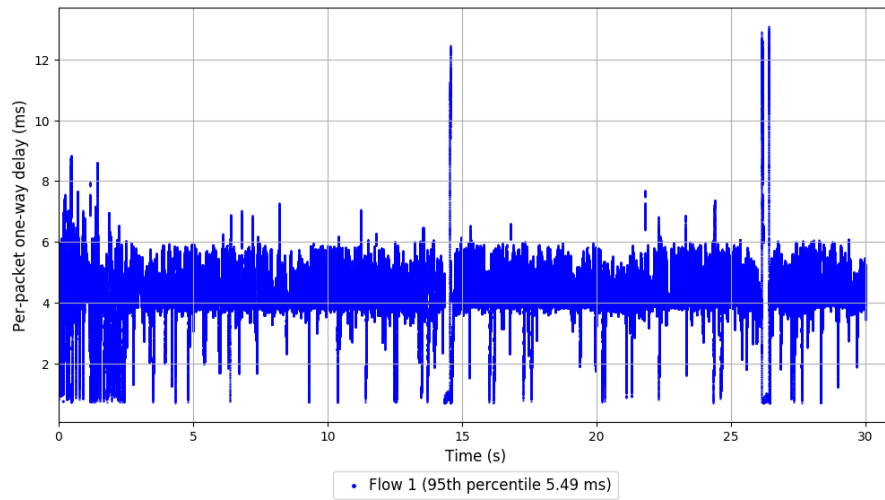
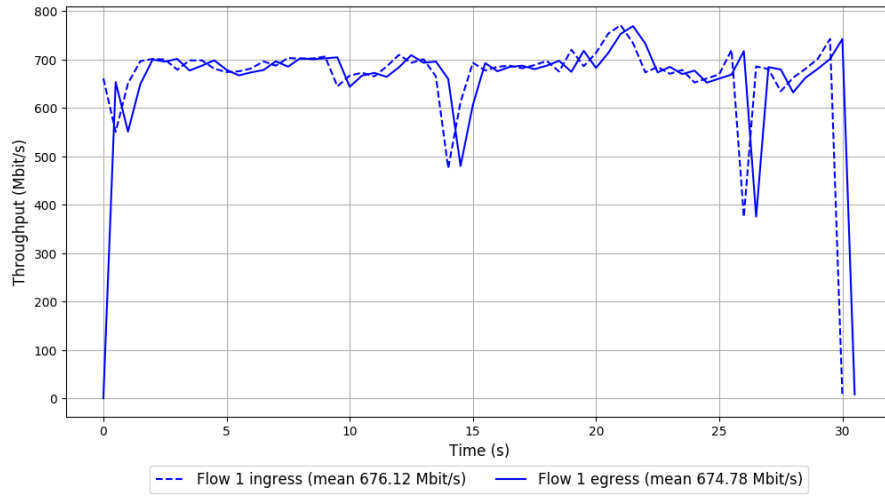
-- Flow 1:

Average throughput: 674.78 Mbit/s

95th percentile per-packet one-way delay: 5.490 ms

Loss rate: 0.20%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

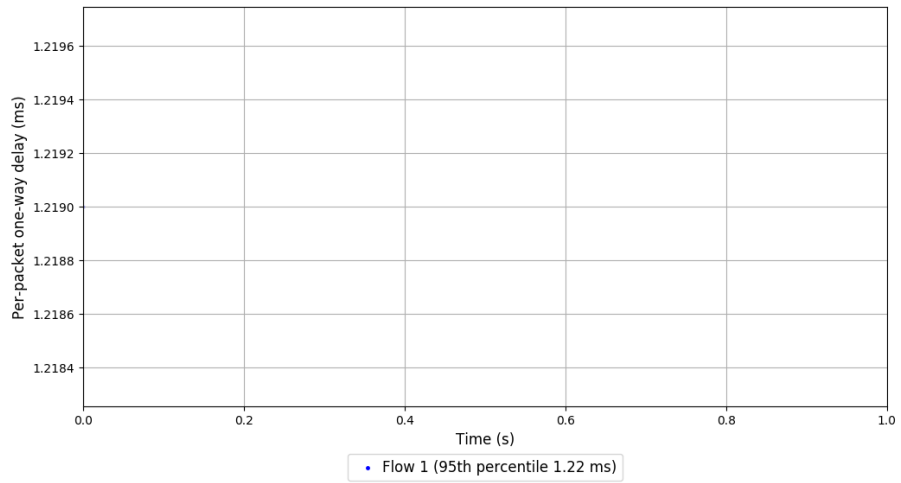
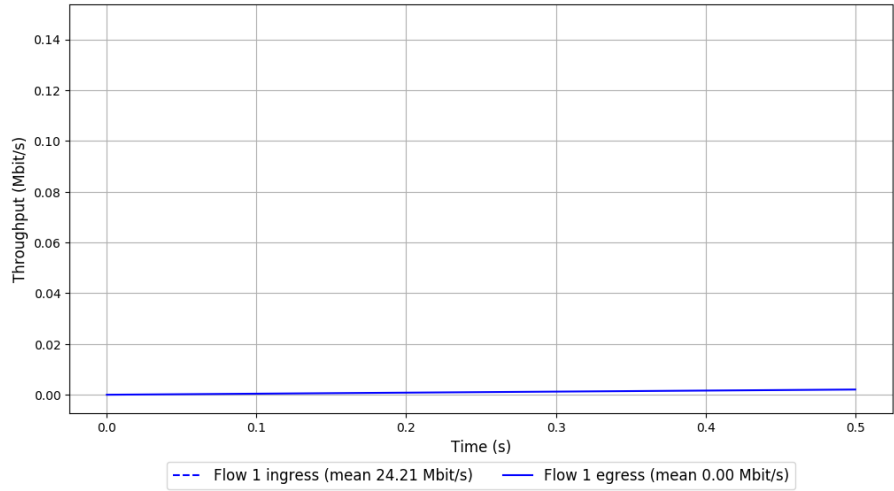
Start at: 2019-05-29 19:49:36

End at: 2019-05-29 19:50:06

Local clock offset: 5.858 ms

Remote clock offset: -1.822 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

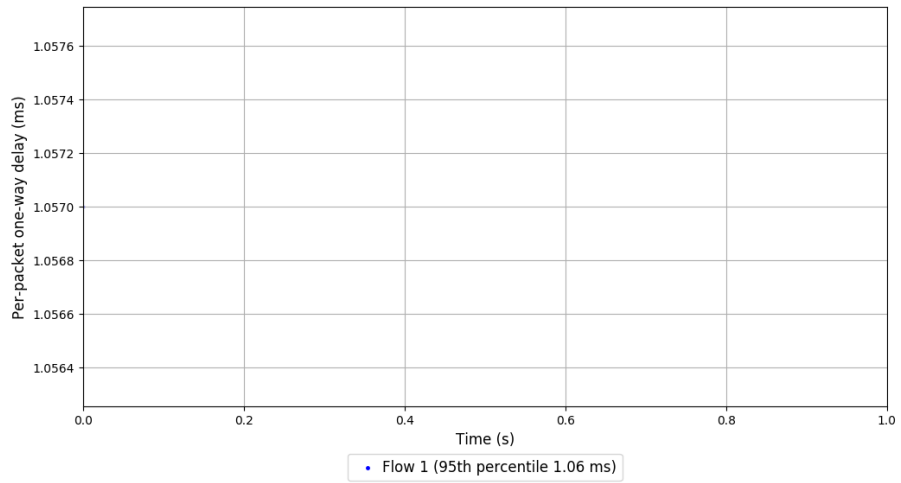
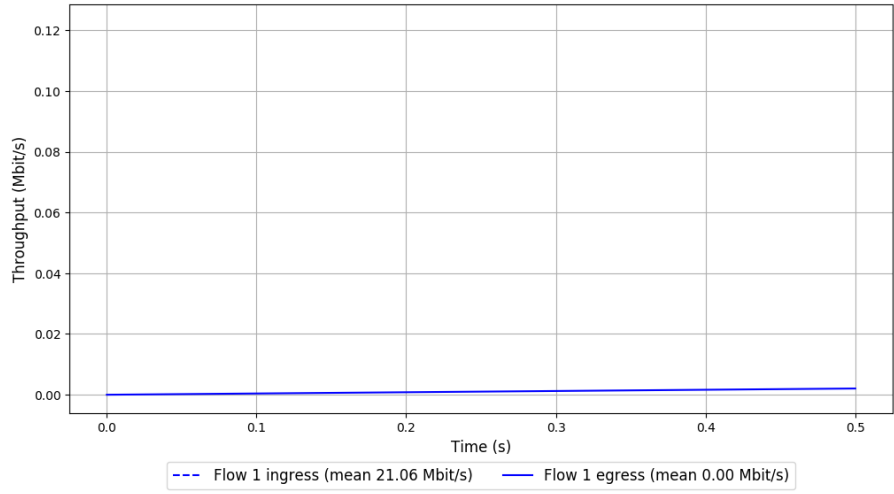
Start at: 2019-05-29 20:18:26

End at: 2019-05-29 20:18:56

Local clock offset: 6.174 ms

Remote clock offset: -0.997 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

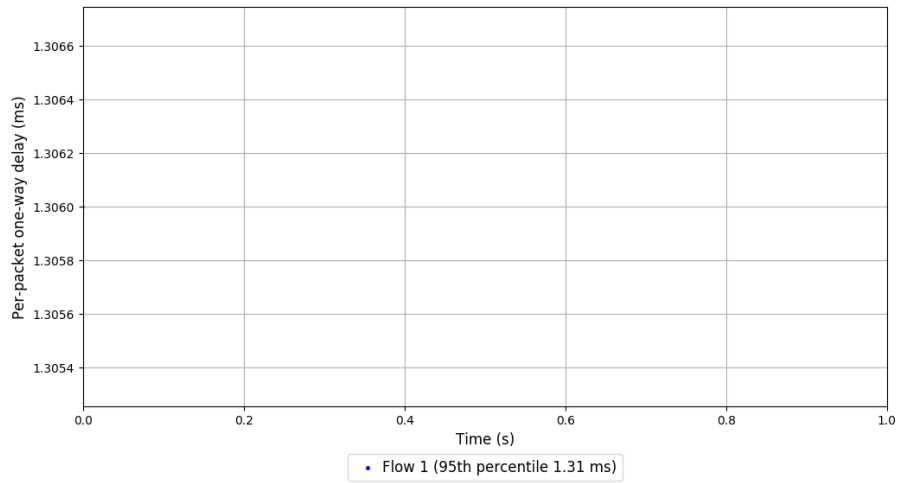
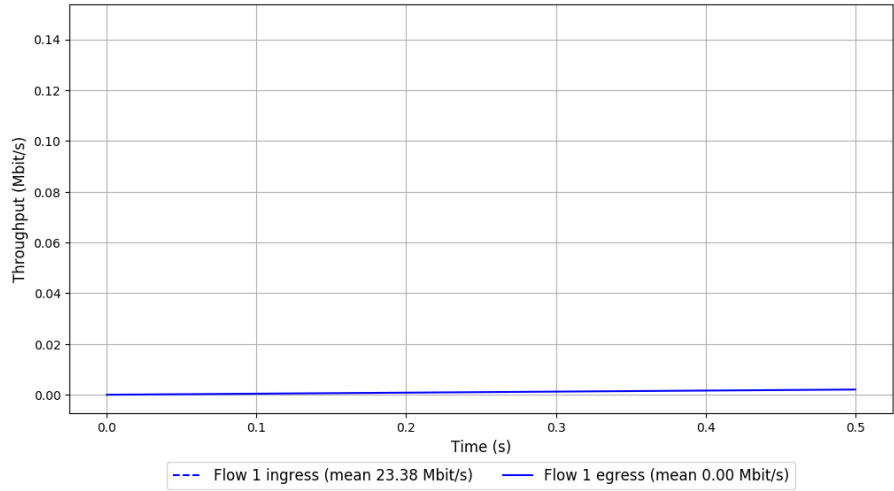
Start at: 2019-05-29 20:46:54

End at: 2019-05-29 20:47:24

Local clock offset: 5.836 ms

Remote clock offset: 0.375 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

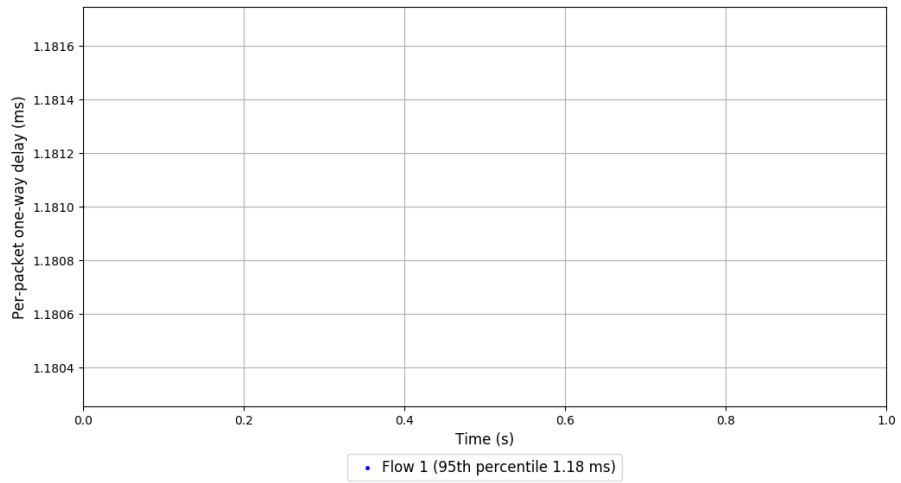
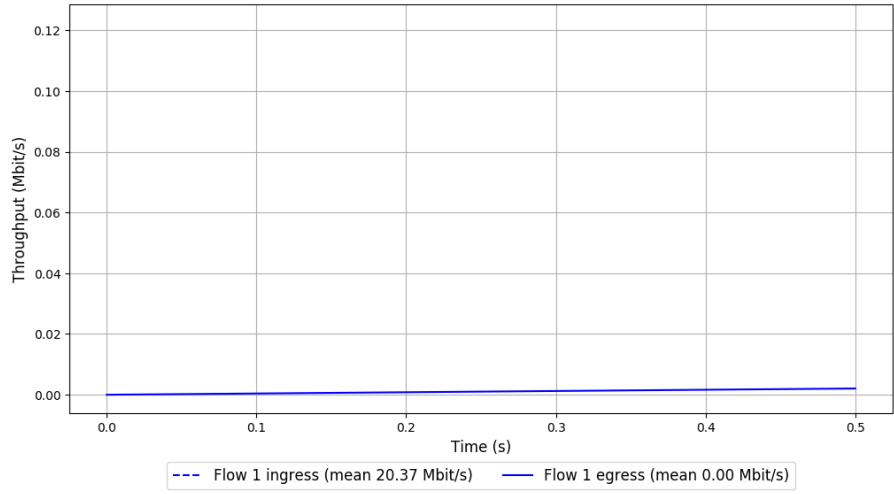
Start at: 2019-05-29 21:15:17

End at: 2019-05-29 21:15:47

Local clock offset: 4.844 ms

Remote clock offset: -4.303 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

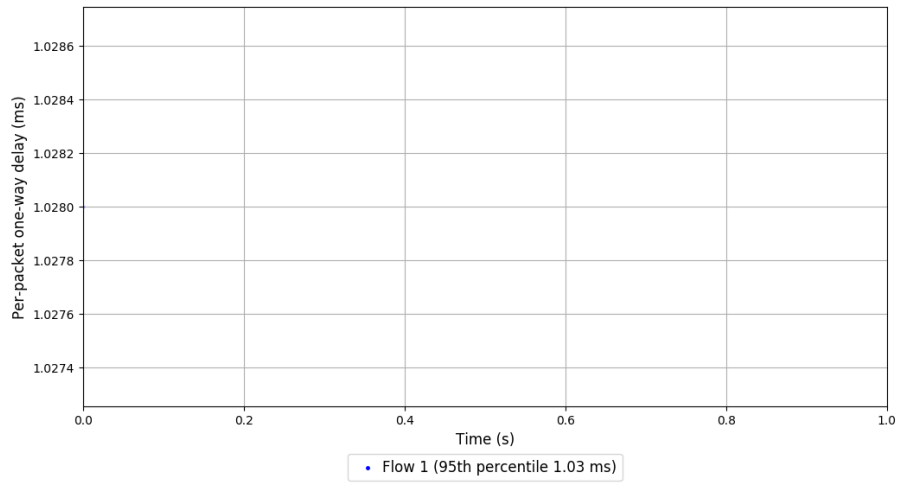
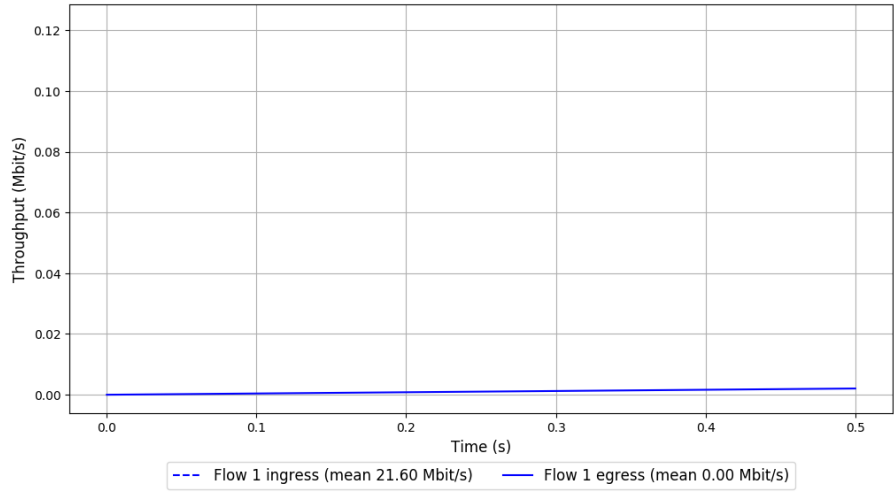
Start at: 2019-05-29 21:43:48

End at: 2019-05-29 21:44:18

Local clock offset: 4.056 ms

Remote clock offset: -2.956 ms

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-05-29 19:31:27

End at: 2019-05-29 19:31:57

Local clock offset: 5.83 ms

Remote clock offset: 1.615 ms

Below is generated by plot.py at 2019-05-29 22:04:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 681.86 Mbit/s

95th percentile per-packet one-way delay: 5.975 ms

Loss rate: 0.06%

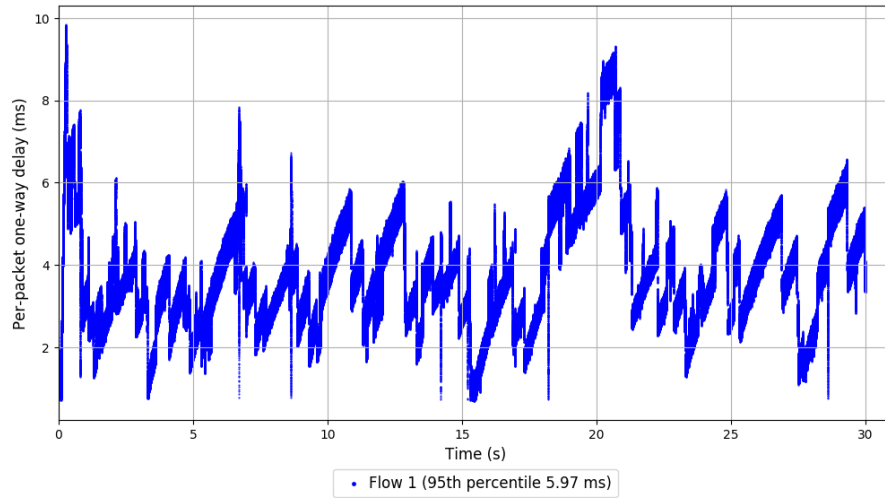
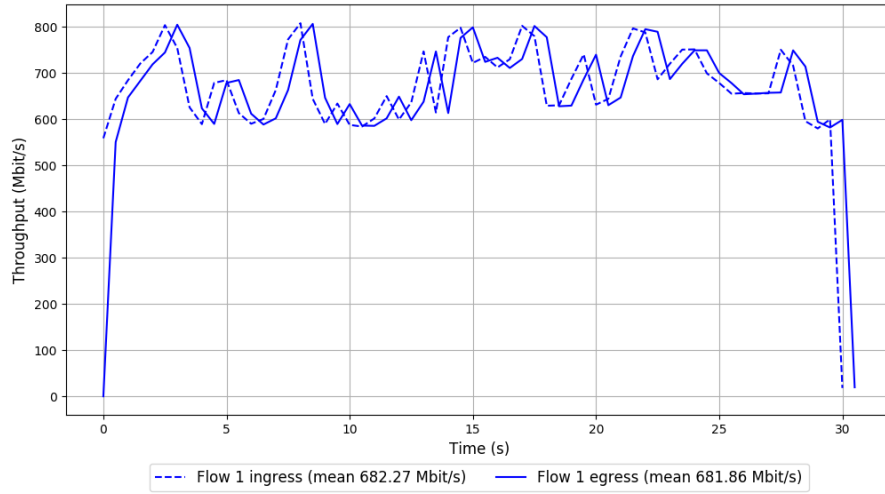
-- Flow 1:

Average throughput: 681.86 Mbit/s

95th percentile per-packet one-way delay: 5.975 ms

Loss rate: 0.06%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-05-29 20:00:08

End at: 2019-05-29 20:00:38

Local clock offset: 6.03 ms

Remote clock offset: -2.677 ms

Below is generated by plot.py at 2019-05-29 22:04:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 623.47 Mbit/s

95th percentile per-packet one-way delay: 3.219 ms

Loss rate: 0.11%

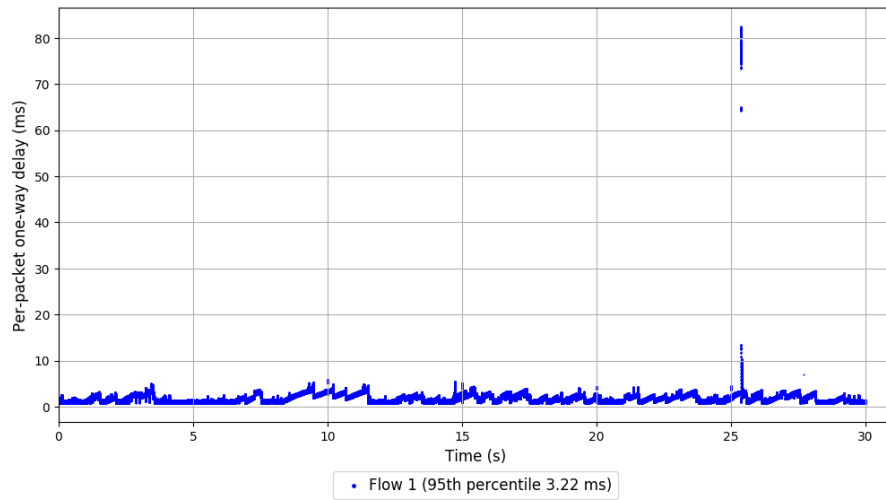
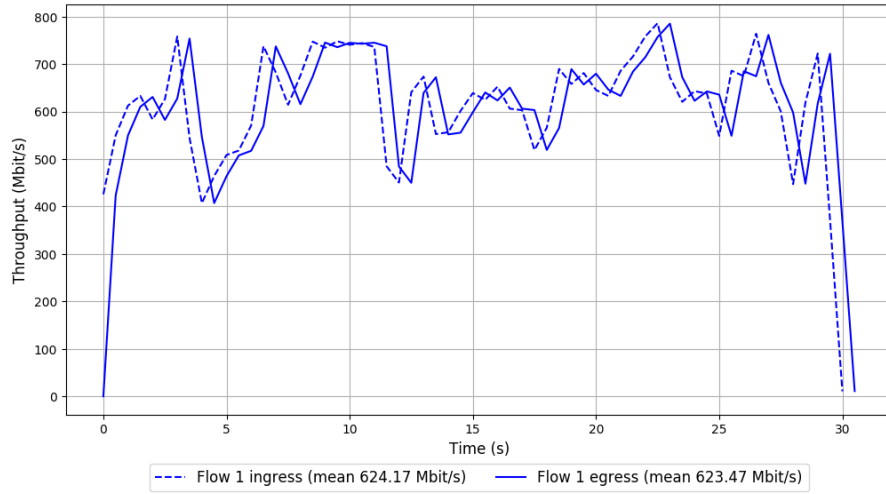
-- Flow 1:

Average throughput: 623.47 Mbit/s

95th percentile per-packet one-way delay: 3.219 ms

Loss rate: 0.11%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-05-29 20:28:44

End at: 2019-05-29 20:29:14

Local clock offset: 6.288 ms

Remote clock offset: 0.2 ms

Below is generated by plot.py at 2019-05-29 22:04:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 690.26 Mbit/s

95th percentile per-packet one-way delay: 7.781 ms

Loss rate: 0.18%

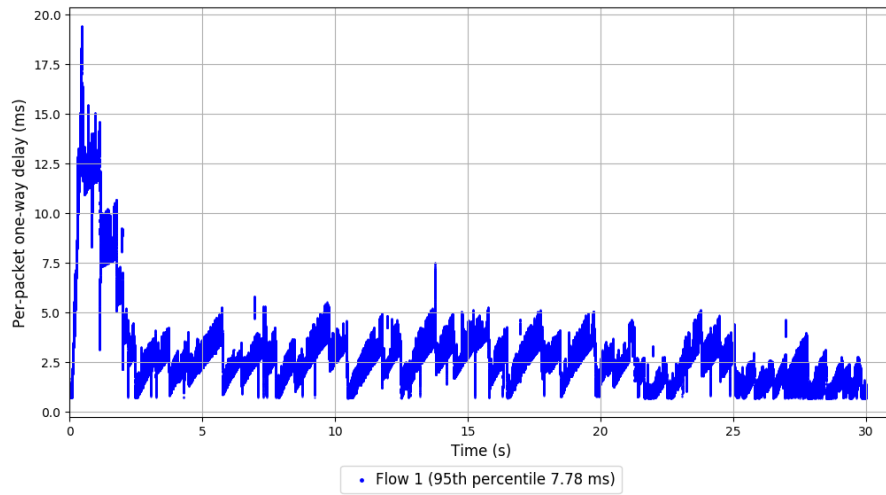
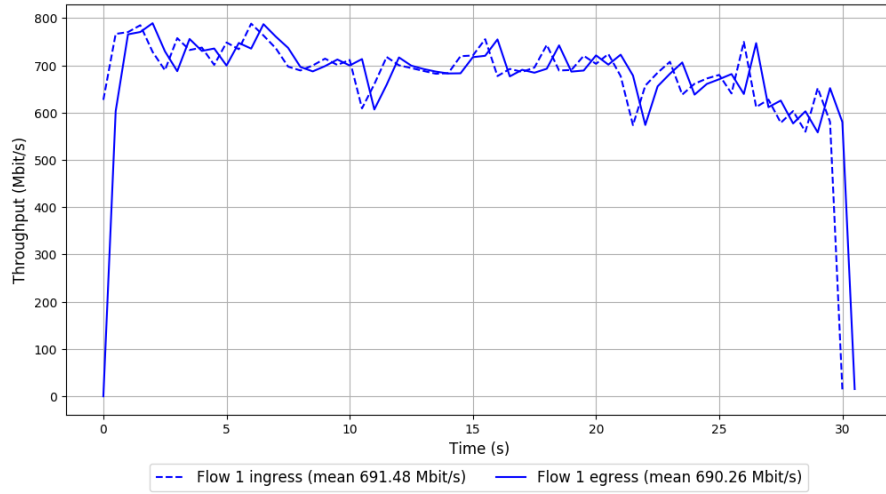
-- Flow 1:

Average throughput: 690.26 Mbit/s

95th percentile per-packet one-way delay: 7.781 ms

Loss rate: 0.18%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-05-29 20:57:23
End at: 2019-05-29 20:57:53
Local clock offset: 5.641 ms
Remote clock offset: -2.718 ms

Below is generated by plot.py at 2019-05-29 22:09:23

Datalink statistics

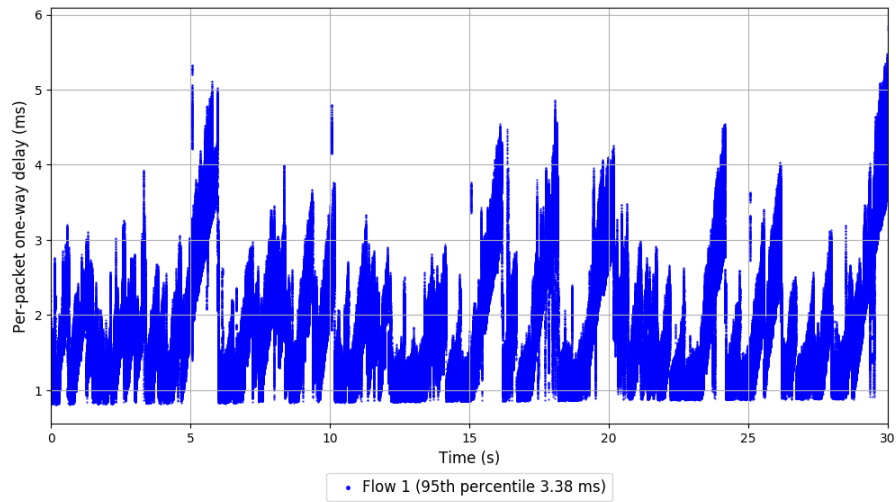
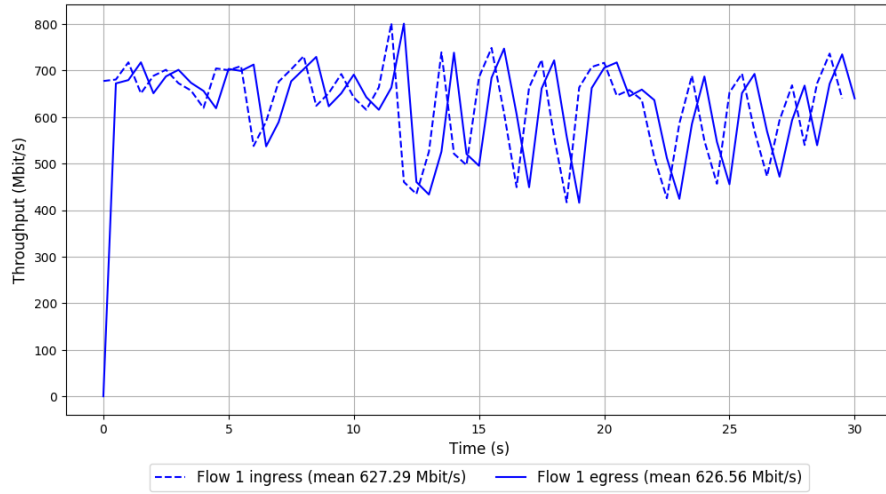
-- Total of 1 flow:

Average throughput: 626.56 Mbit/s
95th percentile per-packet one-way delay: 3.379 ms
Loss rate: 0.11%

-- Flow 1:

Average throughput: 626.56 Mbit/s
95th percentile per-packet one-way delay: 3.379 ms
Loss rate: 0.11%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-05-29 21:25:34

End at: 2019-05-29 21:26:04

Local clock offset: 4.335 ms

Remote clock offset: -3.714 ms

Below is generated by plot.py at 2019-05-29 22:09:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 644.38 Mbit/s

95th percentile per-packet one-way delay: 19.299 ms

Loss rate: 0.12%

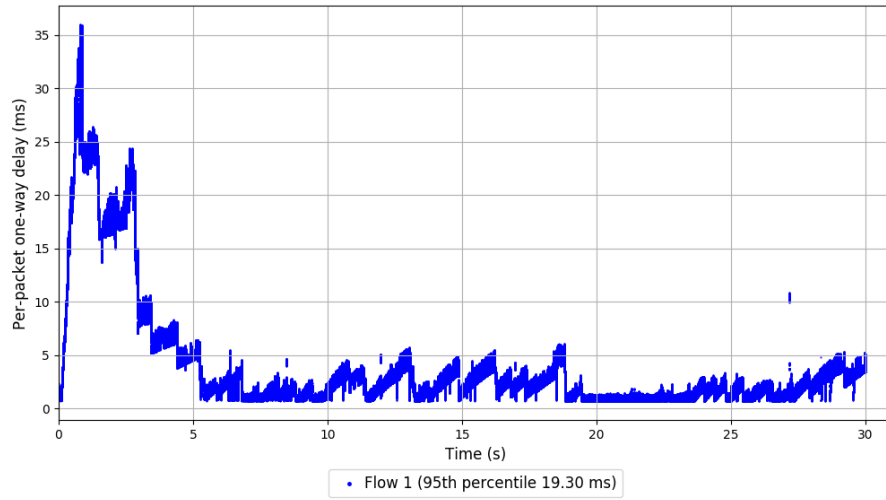
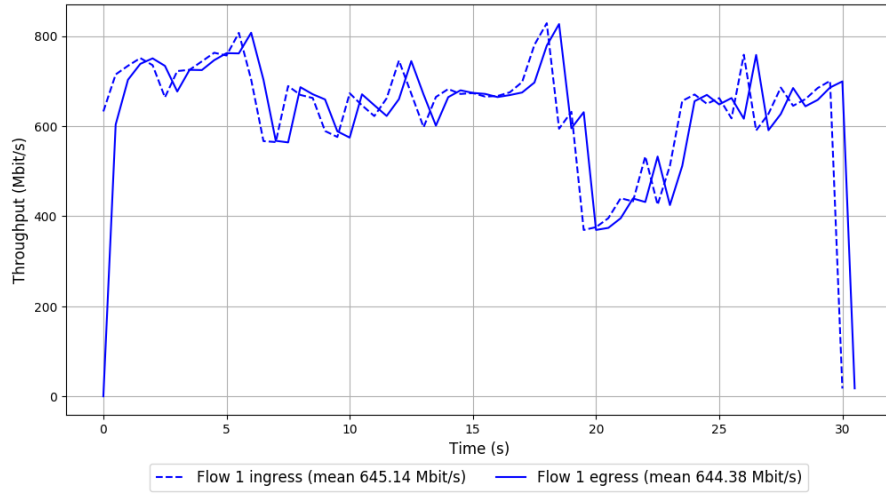
-- Flow 1:

Average throughput: 644.38 Mbit/s

95th percentile per-packet one-way delay: 19.299 ms

Loss rate: 0.12%

Run 5: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2019-05-29 19:39:57

End at: 2019-05-29 19:40:27

Local clock offset: 5.978 ms

Remote clock offset: 0.706 ms

Below is generated by plot.py at 2019-05-29 22:15:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 874.18 Mbit/s

95th percentile per-packet one-way delay: 11.818 ms

Loss rate: 4.98%

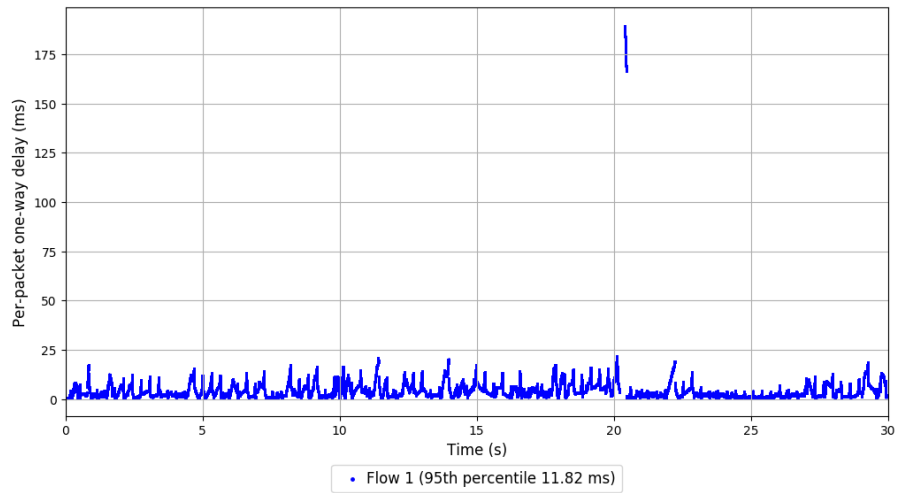
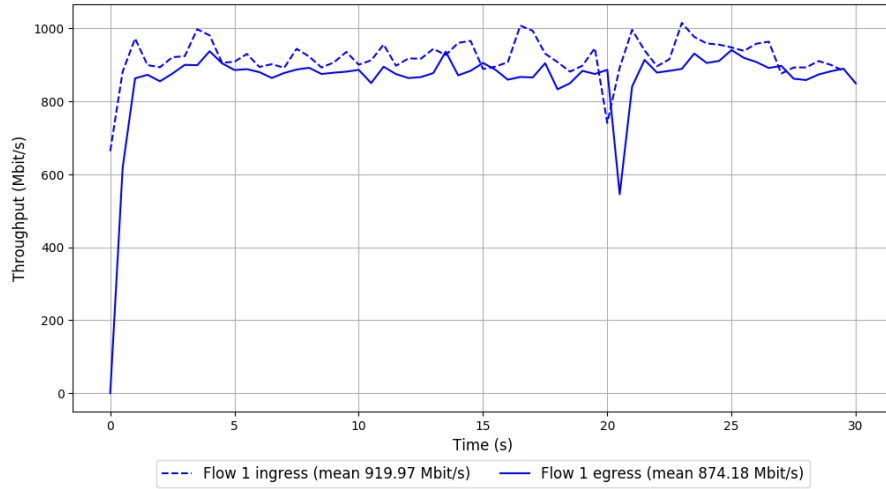
-- Flow 1:

Average throughput: 874.18 Mbit/s

95th percentile per-packet one-way delay: 11.818 ms

Loss rate: 4.98%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-05-29 20:08:32

End at: 2019-05-29 20:09:02

Local clock offset: 6.176 ms

Remote clock offset: -2.961 ms

Below is generated by plot.py at 2019-05-29 22:16:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 882.35 Mbit/s

95th percentile per-packet one-way delay: 14.101 ms

Loss rate: 3.98%

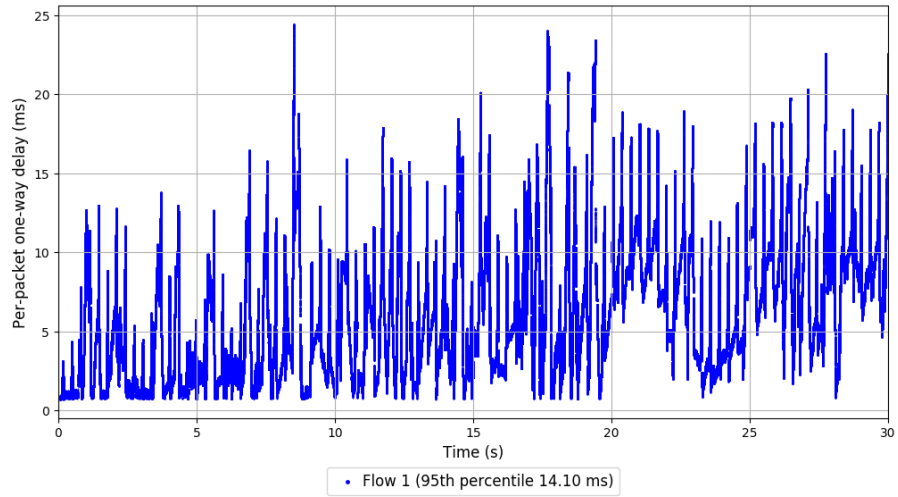
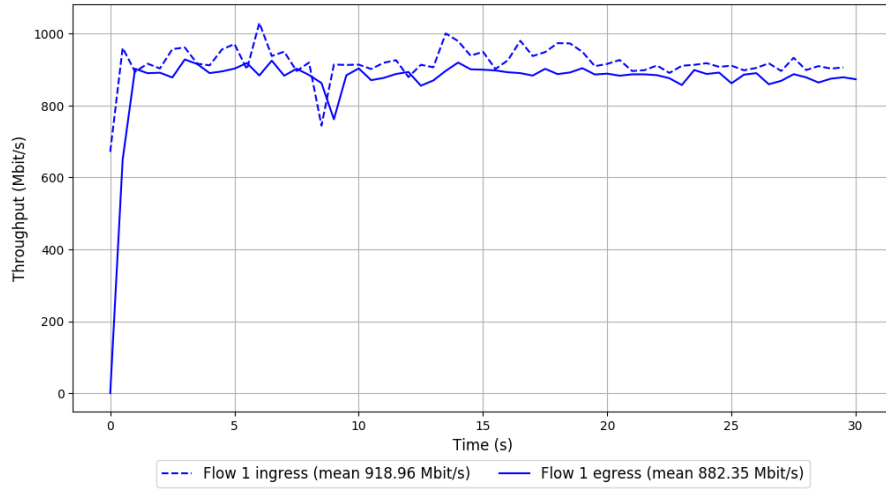
-- Flow 1:

Average throughput: 882.35 Mbit/s

95th percentile per-packet one-way delay: 14.101 ms

Loss rate: 3.98%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-05-29 20:37:13

End at: 2019-05-29 20:37:43

Local clock offset: 6.428 ms

Remote clock offset: 0.736 ms

Below is generated by plot.py at 2019-05-29 22:16:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 722.24 Mbit/s

95th percentile per-packet one-way delay: 13.977 ms

Loss rate: 4.07%

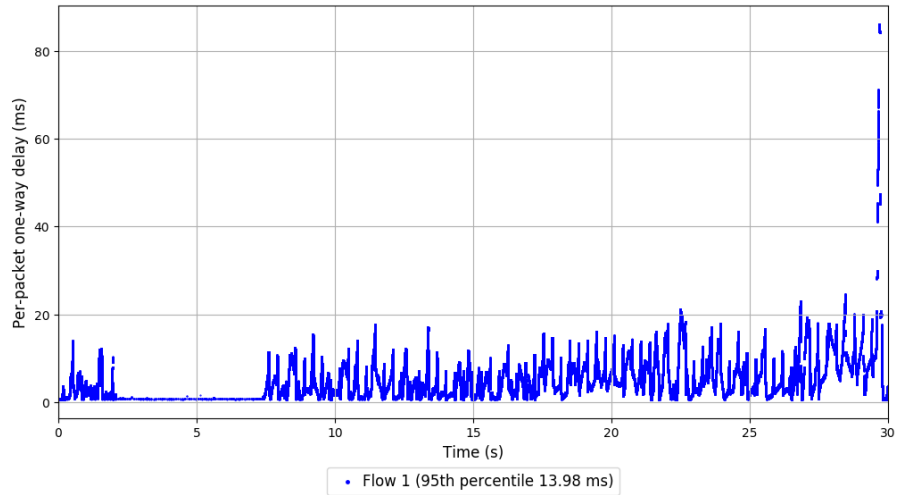
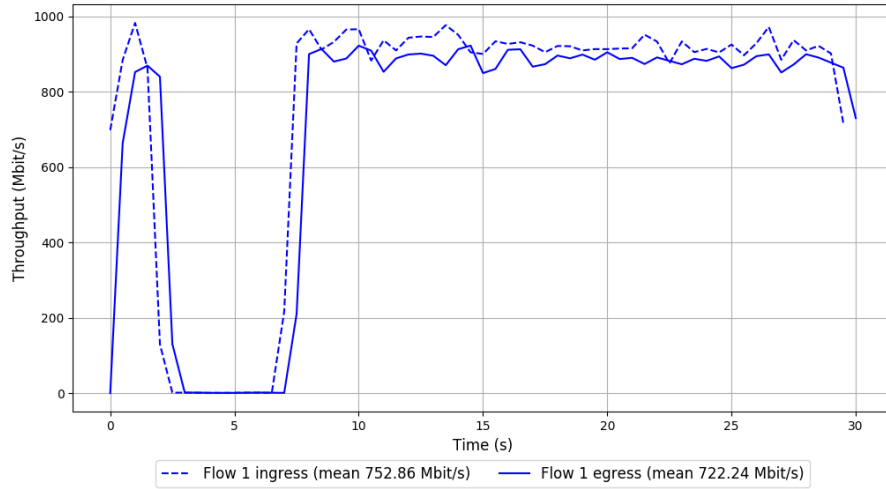
-- Flow 1:

Average throughput: 722.24 Mbit/s

95th percentile per-packet one-way delay: 13.977 ms

Loss rate: 4.07%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-05-29 21:05:45

End at: 2019-05-29 21:06:15

Local clock offset: 5.655 ms

Remote clock offset: -3.71 ms

Below is generated by plot.py at 2019-05-29 22:16:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 862.53 Mbit/s

95th percentile per-packet one-way delay: 17.189 ms

Loss rate: 3.51%

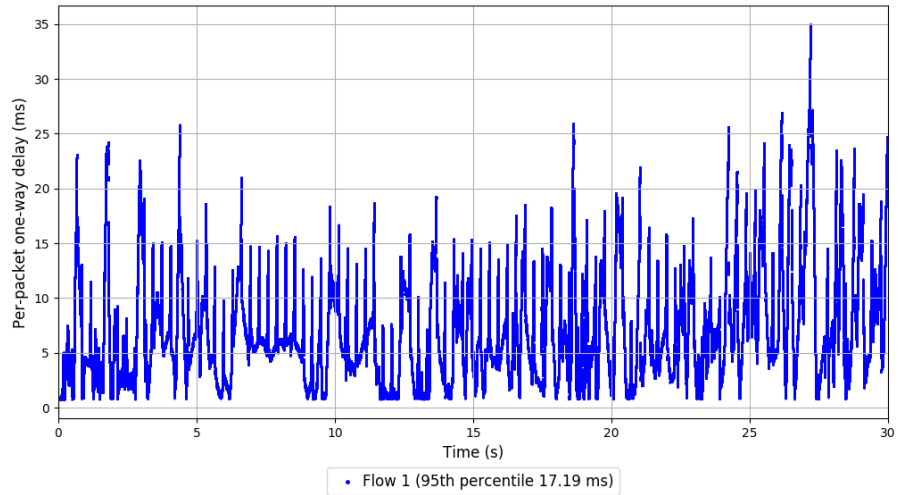
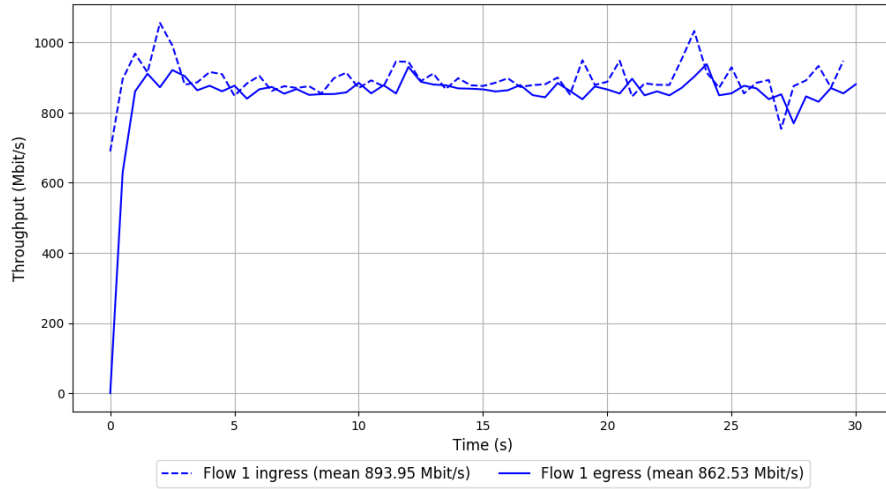
-- Flow 1:

Average throughput: 862.53 Mbit/s

95th percentile per-packet one-way delay: 17.189 ms

Loss rate: 3.51%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-05-29 21:34:04

End at: 2019-05-29 21:34:34

Local clock offset: 4.155 ms

Remote clock offset: -3.157 ms

Below is generated by plot.py at 2019-05-29 22:16:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 882.68 Mbit/s

95th percentile per-packet one-way delay: 17.646 ms

Loss rate: 4.23%

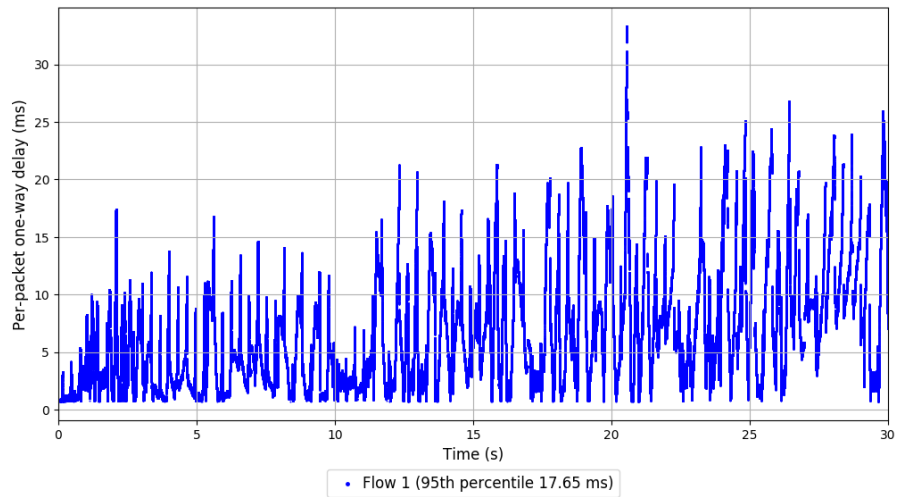
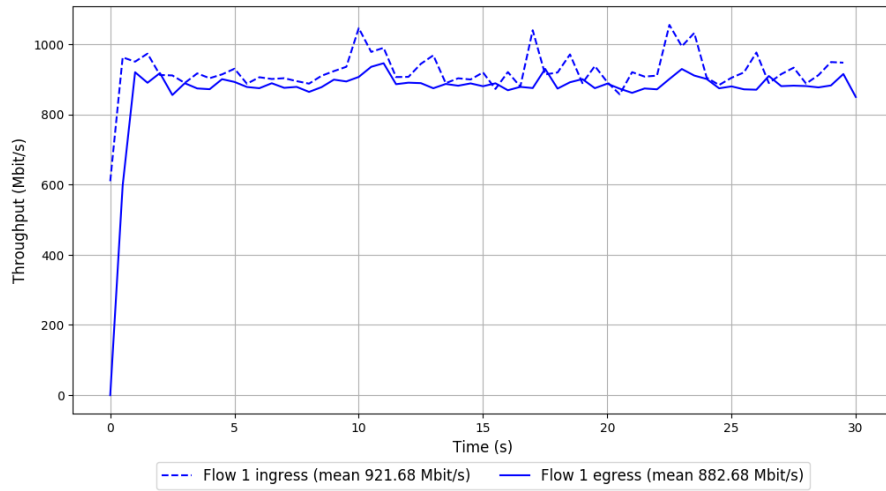
-- Flow 1:

Average throughput: 882.68 Mbit/s

95th percentile per-packet one-way delay: 17.646 ms

Loss rate: 4.23%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-05-29 19:33:02

End at: 2019-05-29 19:33:32

Local clock offset: 5.896 ms

Remote clock offset: 1.751 ms

Below is generated by plot.py at 2019-05-29 22:16:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 881.50 Mbit/s

95th percentile per-packet one-way delay: 7.819 ms

Loss rate: 3.67%

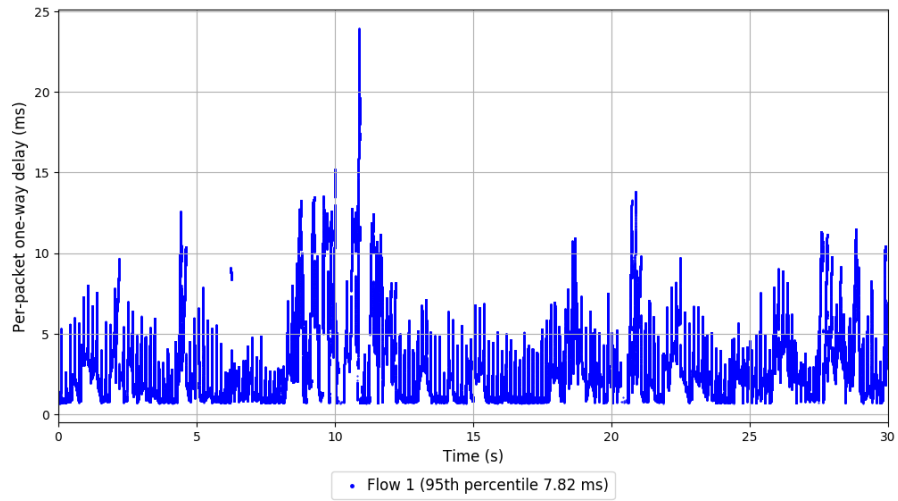
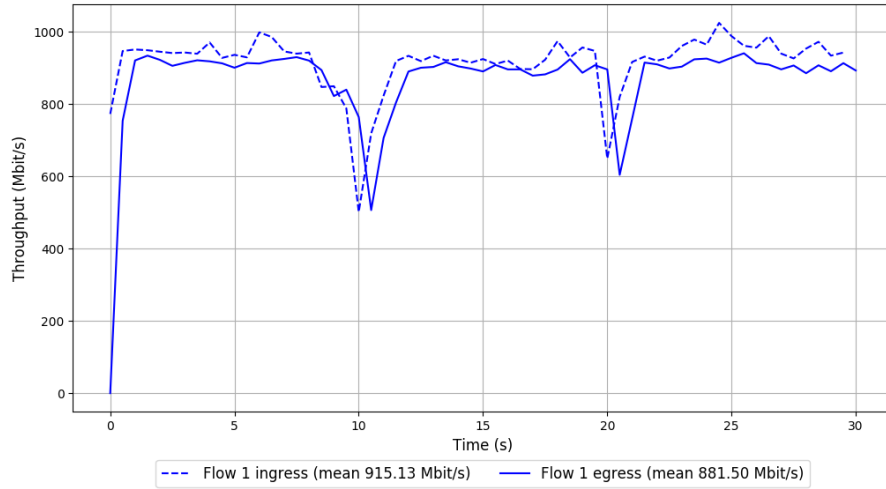
-- Flow 1:

Average throughput: 881.50 Mbit/s

95th percentile per-packet one-way delay: 7.819 ms

Loss rate: 3.67%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-05-29 20:01:41

End at: 2019-05-29 20:02:11

Local clock offset: 6.089 ms

Remote clock offset: -2.841 ms

Below is generated by plot.py at 2019-05-29 22:22:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 891.88 Mbit/s

95th percentile per-packet one-way delay: 7.742 ms

Loss rate: 3.52%

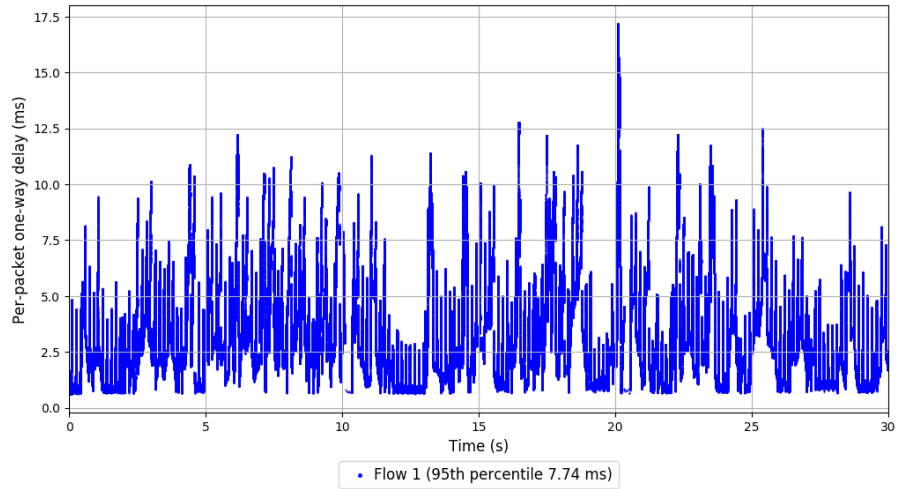
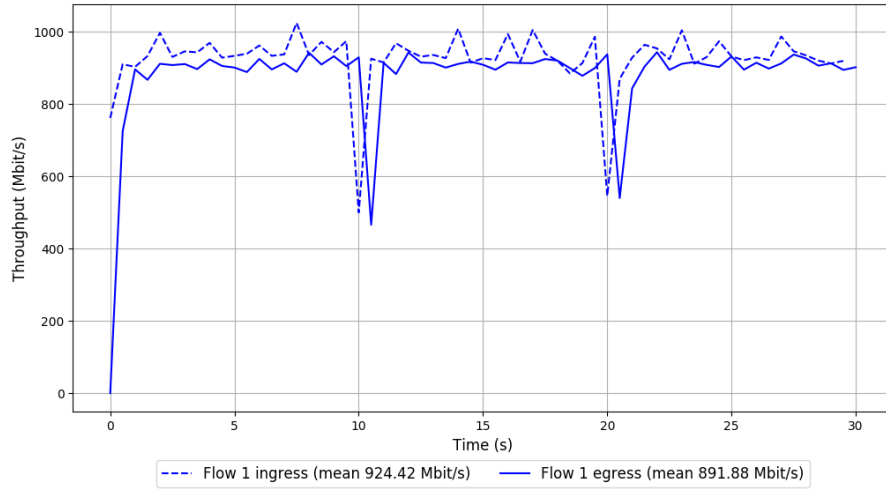
-- Flow 1:

Average throughput: 891.88 Mbit/s

95th percentile per-packet one-way delay: 7.742 ms

Loss rate: 3.52%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2019-05-29 20:30:19

End at: 2019-05-29 20:30:49

Local clock offset: 6.307 ms

Remote clock offset: 0.347 ms

Below is generated by plot.py at 2019-05-29 22:23:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 887.10 Mbit/s

95th percentile per-packet one-way delay: 7.976 ms

Loss rate: 3.93%

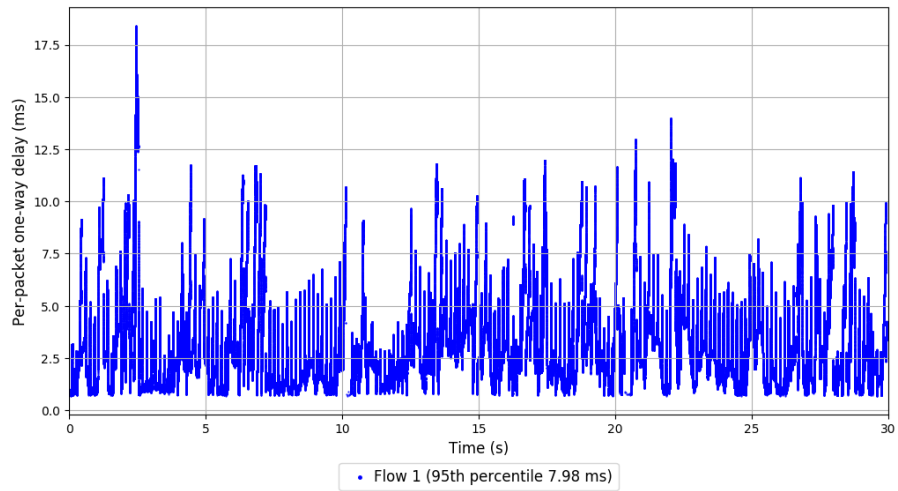
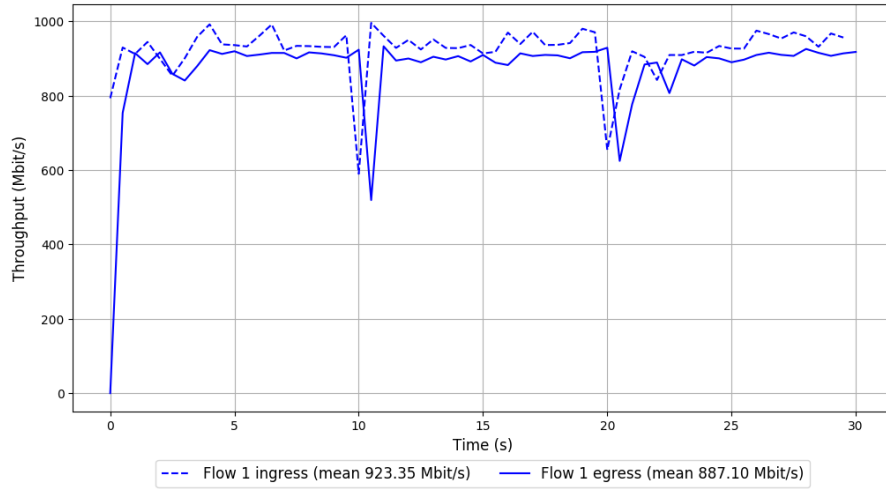
-- Flow 1:

Average throughput: 887.10 Mbit/s

95th percentile per-packet one-way delay: 7.976 ms

Loss rate: 3.93%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-05-29 20:58:56

End at: 2019-05-29 20:59:26

Local clock offset: 5.623 ms

Remote clock offset: -3.041 ms

Below is generated by plot.py at 2019-05-29 22:26:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 895.95 Mbit/s

95th percentile per-packet one-way delay: 8.550 ms

Loss rate: 2.88%

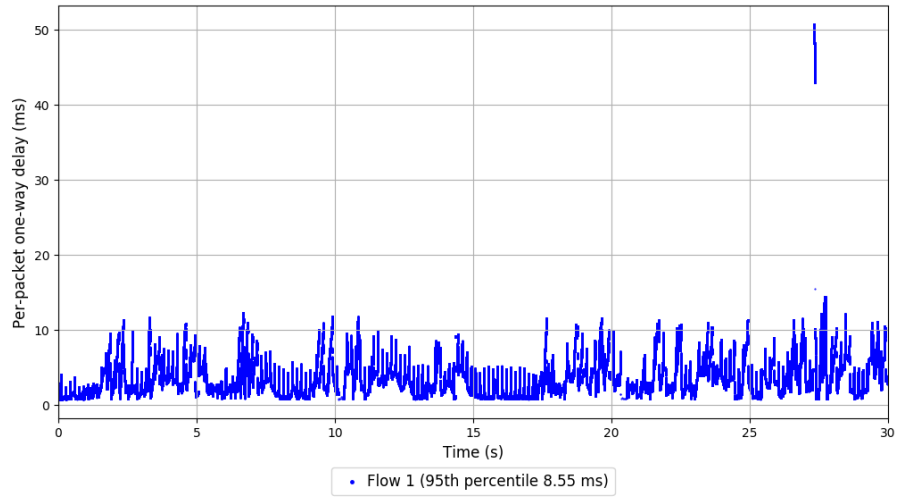
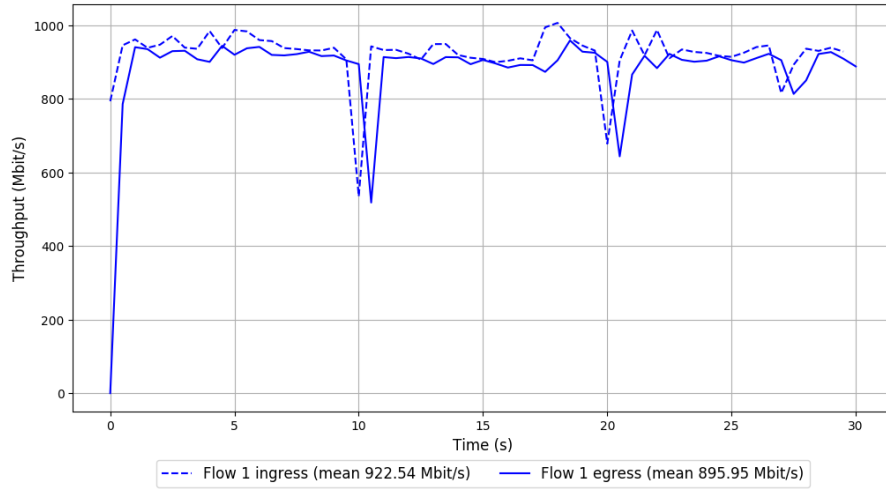
-- Flow 1:

Average throughput: 895.95 Mbit/s

95th percentile per-packet one-way delay: 8.550 ms

Loss rate: 2.88%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-05-29 21:27:08

End at: 2019-05-29 21:27:38

Local clock offset: 4.344 ms

Remote clock offset: -3.56 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 870.17 Mbit/s

95th percentile per-packet one-way delay: 8.995 ms

Loss rate: 3.15%

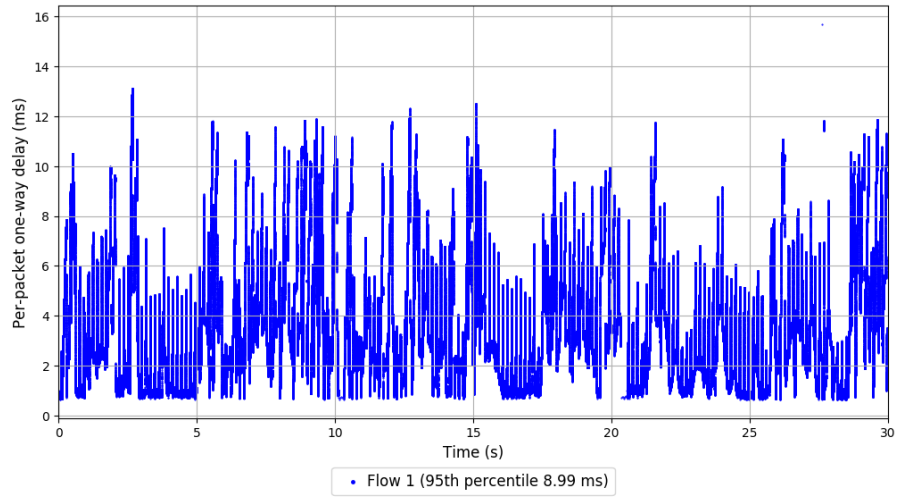
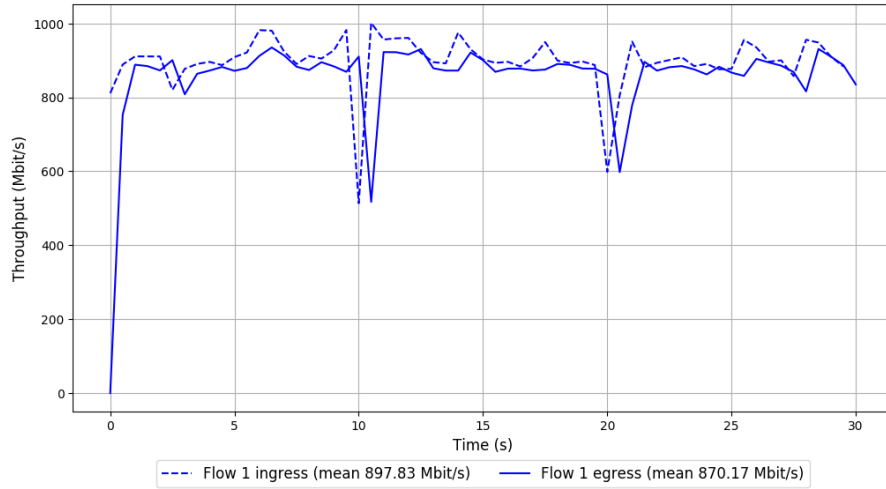
-- Flow 1:

Average throughput: 870.17 Mbit/s

95th percentile per-packet one-way delay: 8.995 ms

Loss rate: 3.15%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-05-29 19:45:39
End at: 2019-05-29 19:46:09
Local clock offset: 5.834 ms
Remote clock offset: -1.174 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

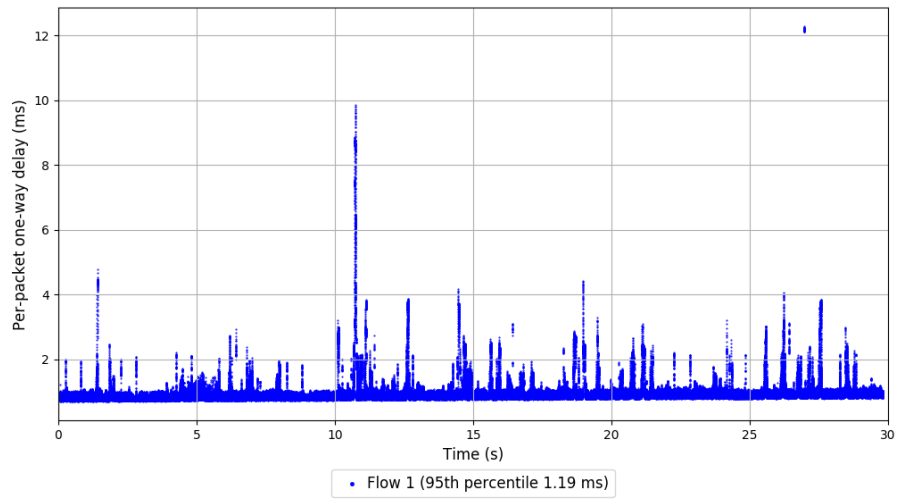
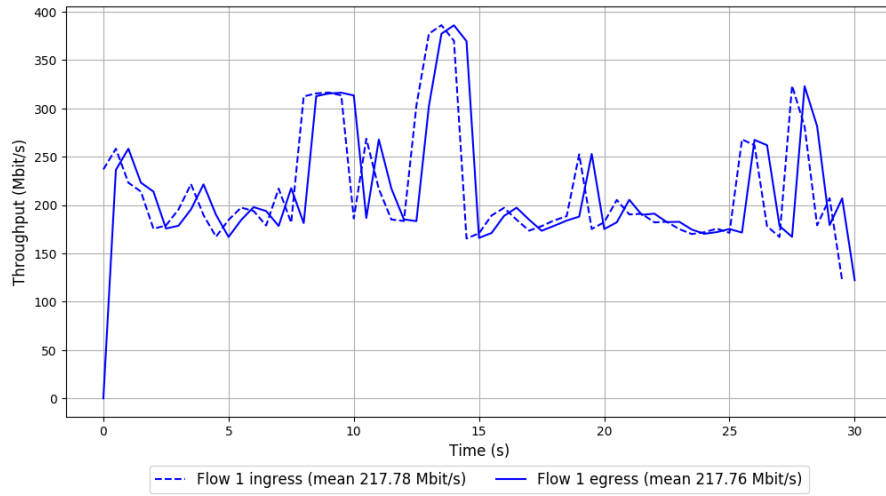
-- Total of 1 flow:

Average throughput: 217.76 Mbit/s
95th percentile per-packet one-way delay: 1.186 ms
Loss rate: 0.01%

-- Flow 1:

Average throughput: 217.76 Mbit/s
95th percentile per-packet one-way delay: 1.186 ms
Loss rate: 0.01%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-05-29 20:14:18

End at: 2019-05-29 20:14:48

Local clock offset: 6.114 ms

Remote clock offset: -1.988 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 244.91 Mbit/s

95th percentile per-packet one-way delay: 1.068 ms

Loss rate: 0.02%

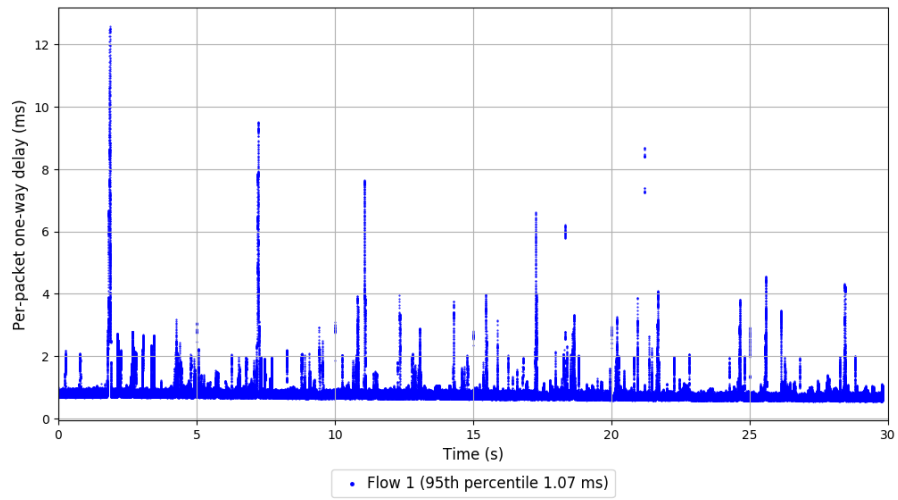
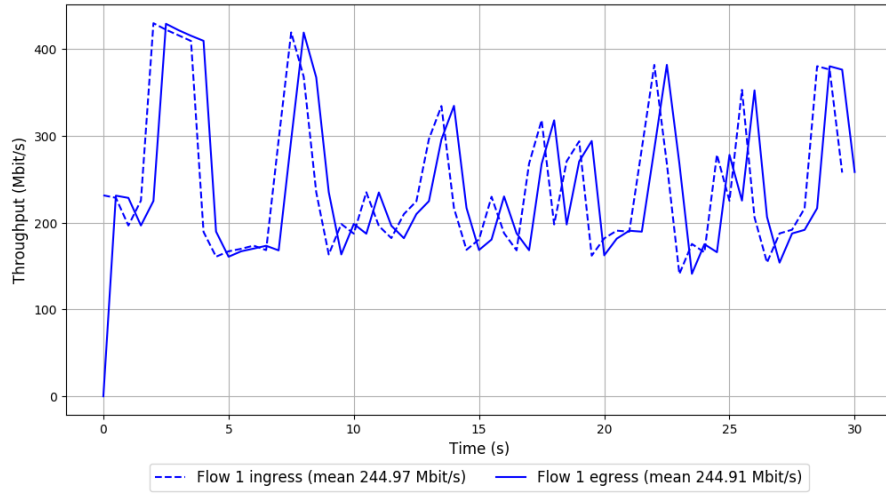
-- Flow 1:

Average throughput: 244.91 Mbit/s

95th percentile per-packet one-way delay: 1.068 ms

Loss rate: 0.02%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-05-29 20:42:51

End at: 2019-05-29 20:43:21

Local clock offset: 6.023 ms

Remote clock offset: 1.038 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 237.19 Mbit/s

95th percentile per-packet one-way delay: 1.200 ms

Loss rate: 0.01%

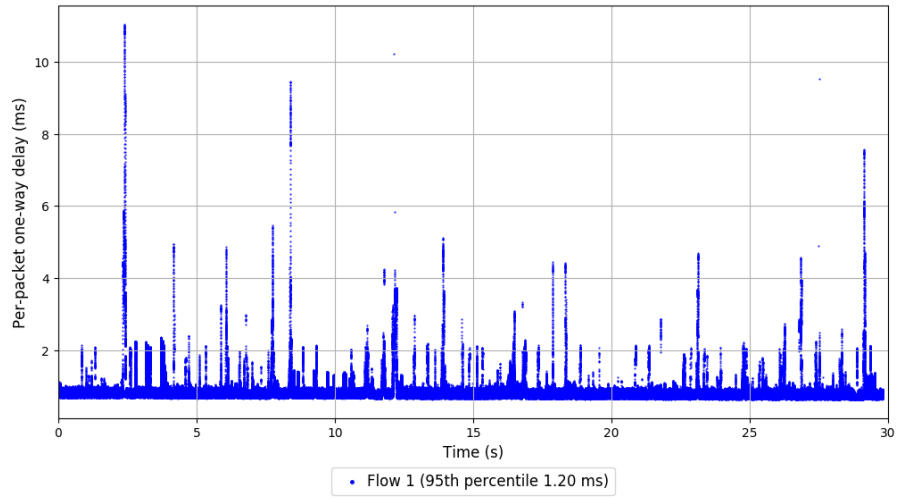
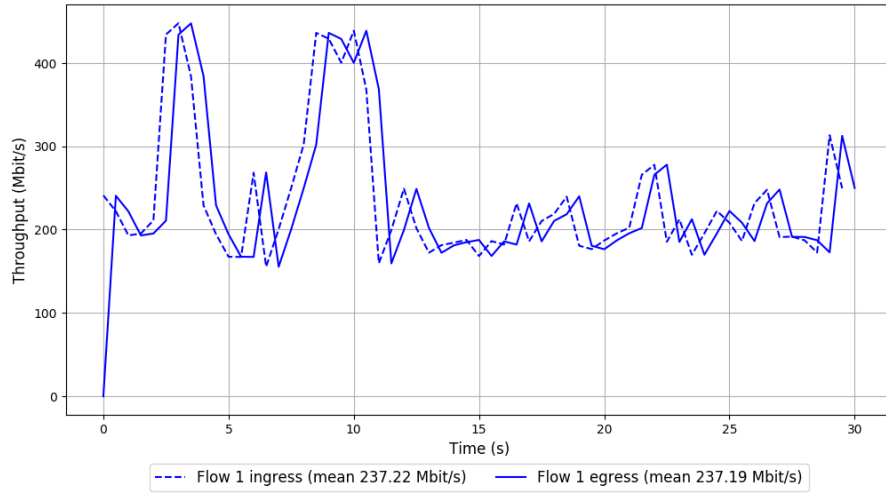
-- Flow 1:

Average throughput: 237.19 Mbit/s

95th percentile per-packet one-way delay: 1.200 ms

Loss rate: 0.01%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-05-29 21:11:26

End at: 2019-05-29 21:11:56

Local clock offset: 5.142 ms

Remote clock offset: -4.124 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 233.14 Mbit/s

95th percentile per-packet one-way delay: 1.132 ms

Loss rate: 0.02%

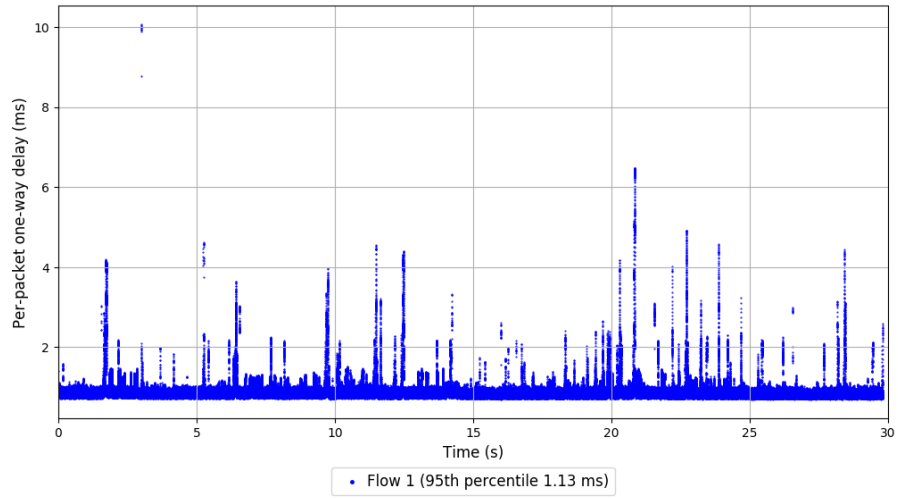
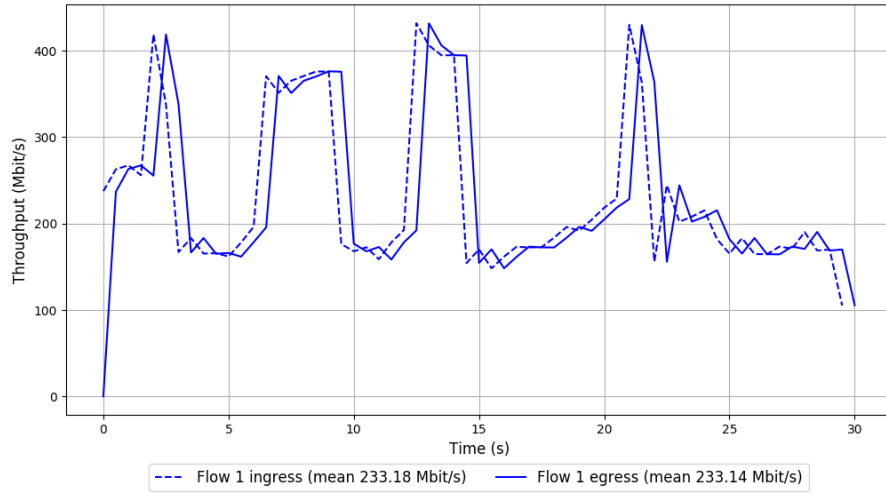
-- Flow 1:

Average throughput: 233.14 Mbit/s

95th percentile per-packet one-way delay: 1.132 ms

Loss rate: 0.02%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-05-29 21:39:45
End at: 2019-05-29 21:40:15
Local clock offset: 4.105 ms
Remote clock offset: -2.979 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

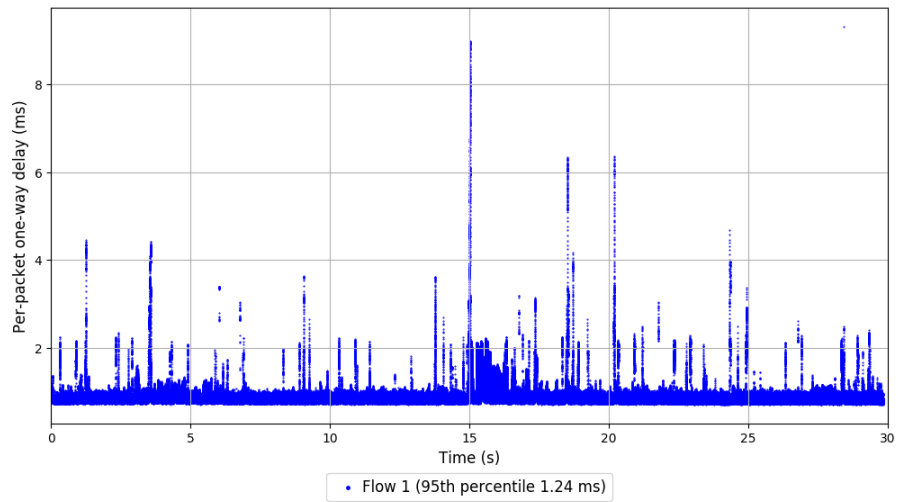
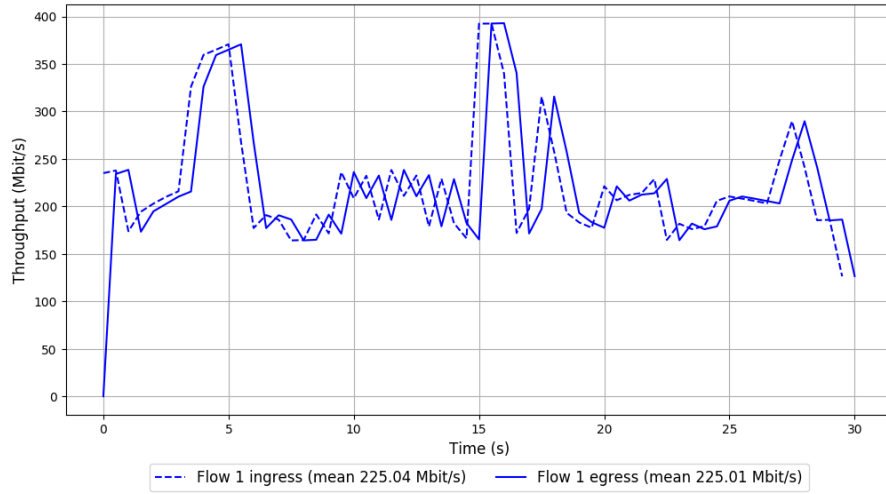
-- Total of 1 flow:

Average throughput: 225.01 Mbit/s
95th percentile per-packet one-way delay: 1.238 ms
Loss rate: 0.02%

-- Flow 1:

Average throughput: 225.01 Mbit/s
95th percentile per-packet one-way delay: 1.238 ms
Loss rate: 0.02%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-05-29 19:50:49
End at: 2019-05-29 19:51:19
Local clock offset: 5.906 ms
Remote clock offset: -1.912 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

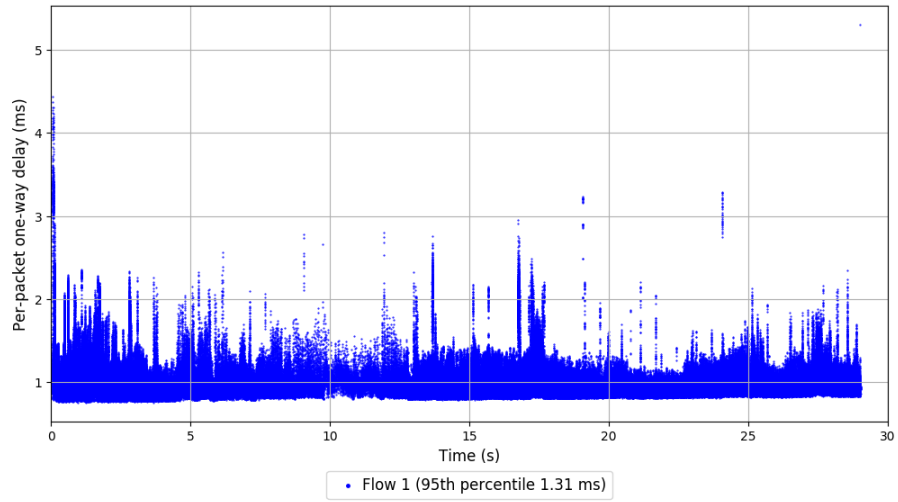
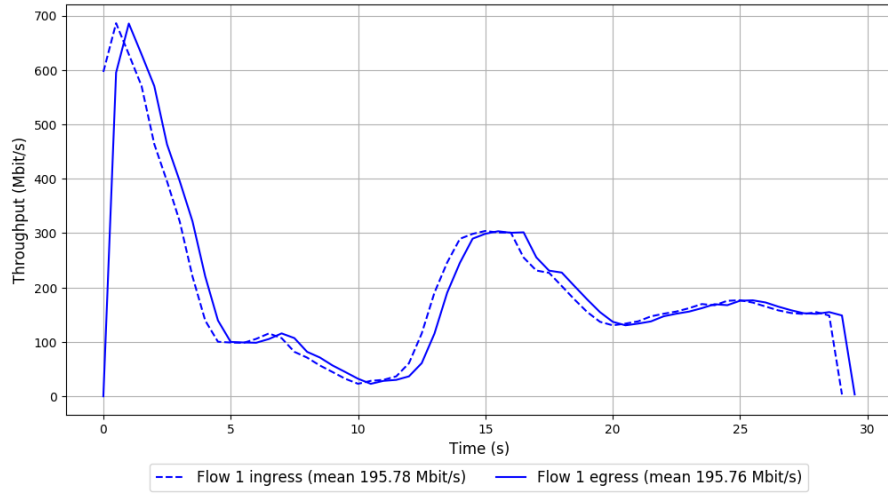
-- Total of 1 flow:

Average throughput: 195.76 Mbit/s
95th percentile per-packet one-way delay: 1.306 ms
Loss rate: 0.01%

-- Flow 1:

Average throughput: 195.76 Mbit/s
95th percentile per-packet one-way delay: 1.306 ms
Loss rate: 0.01%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-05-29 20:19:39

End at: 2019-05-29 20:20:09

Local clock offset: 6.16 ms

Remote clock offset: -0.887 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 144.87 Mbit/s

95th percentile per-packet one-way delay: 1.609 ms

Loss rate: 0.06%

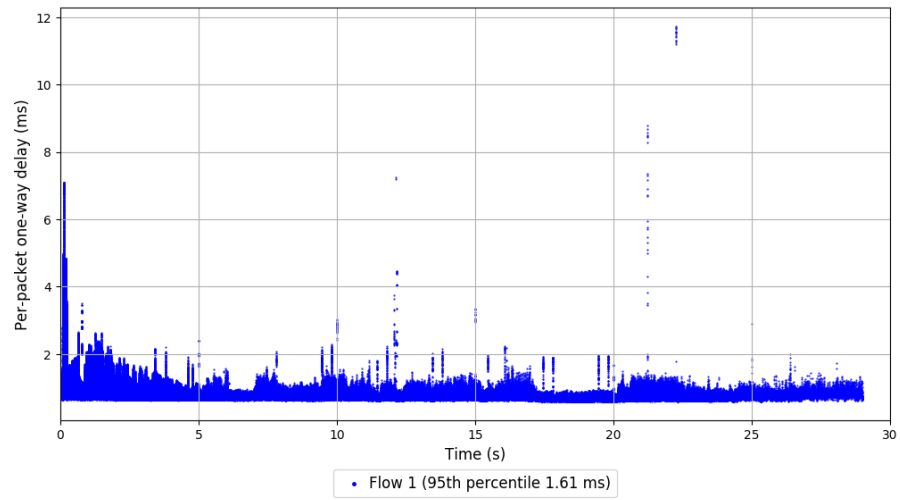
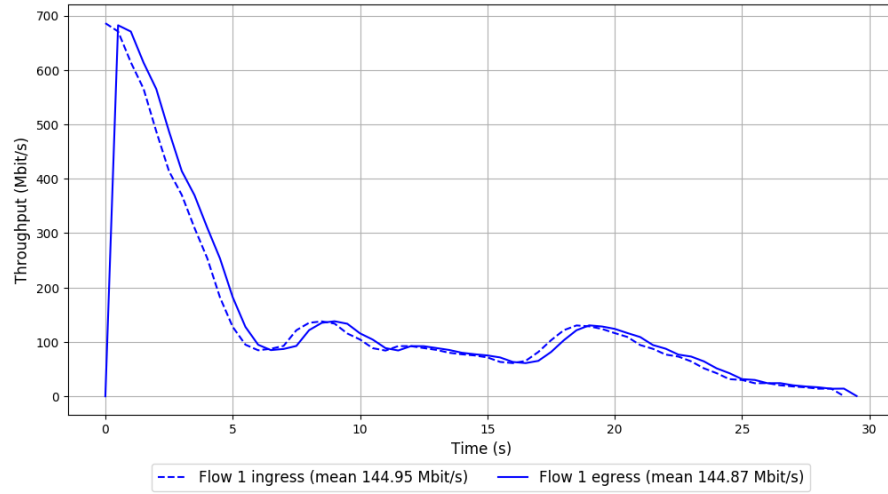
-- Flow 1:

Average throughput: 144.87 Mbit/s

95th percentile per-packet one-way delay: 1.609 ms

Loss rate: 0.06%

Run 2: Report of Indigo-MusesC3 — Data Link

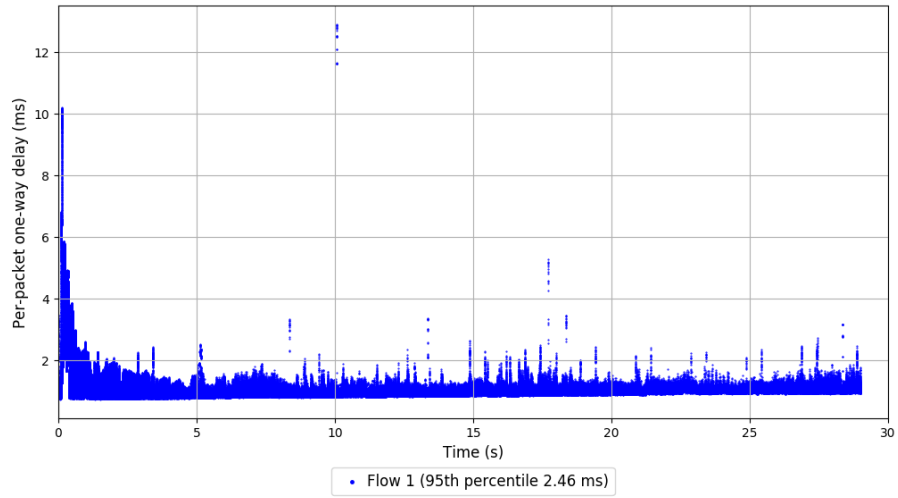
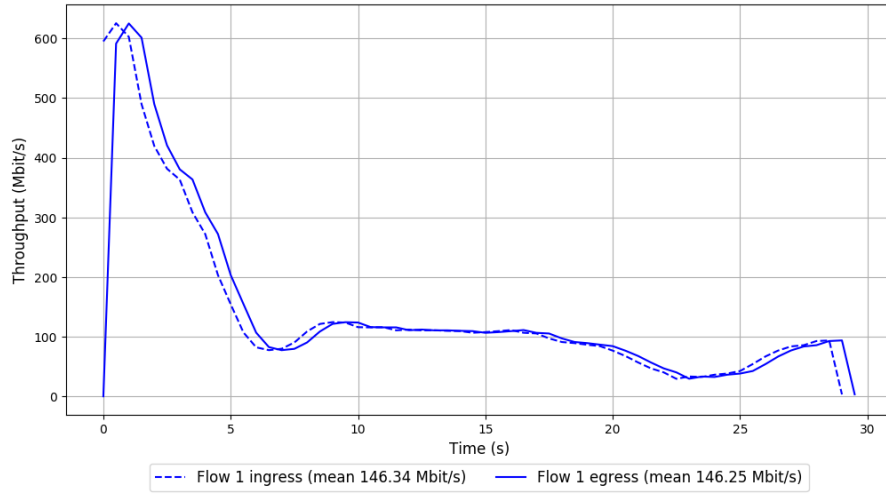


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-05-29 20:48:07
End at: 2019-05-29 20:48:37
Local clock offset: 5.798 ms
Remote clock offset: -0.282 ms

```
# Below is generated by plot.py at 2019-05-29 22:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 146.25 Mbit/s
95th percentile per-packet one-way delay: 2.458 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 146.25 Mbit/s
95th percentile per-packet one-way delay: 2.458 ms
Loss rate: 0.05%
```

Run 3: Report of Indigo-MusesC3 — Data Link

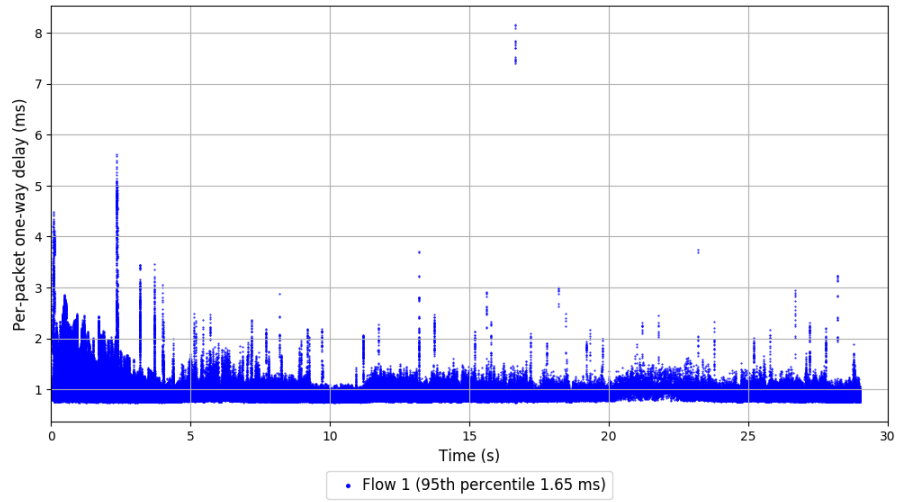
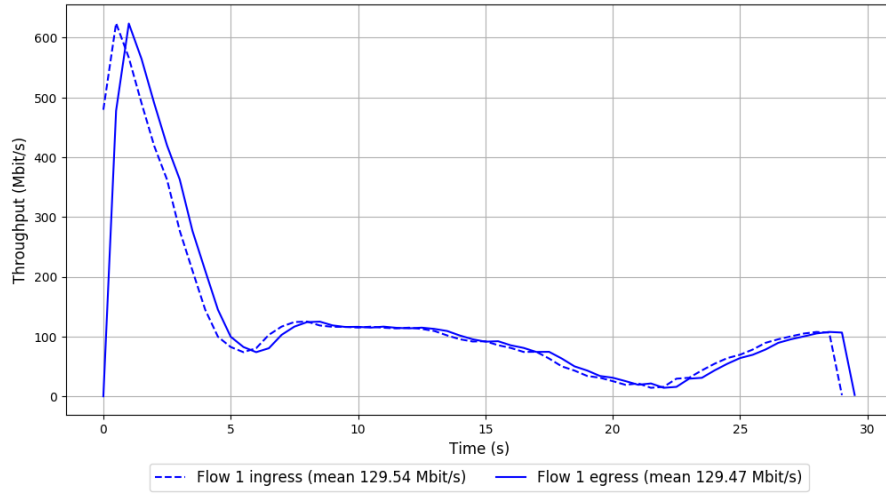


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-05-29 21:16:30
End at: 2019-05-29 21:17:00
Local clock offset: 4.737 ms
Remote clock offset: -4.394 ms

```
# Below is generated by plot.py at 2019-05-29 22:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 129.47 Mbit/s
95th percentile per-packet one-way delay: 1.645 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 129.47 Mbit/s
95th percentile per-packet one-way delay: 1.645 ms
Loss rate: 0.06%
```

Run 4: Report of Indigo-MusesC3 — Data Link

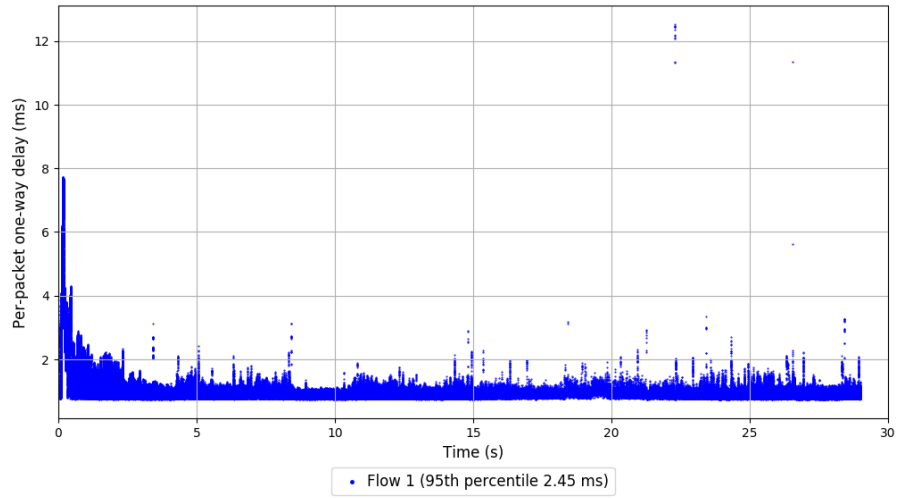
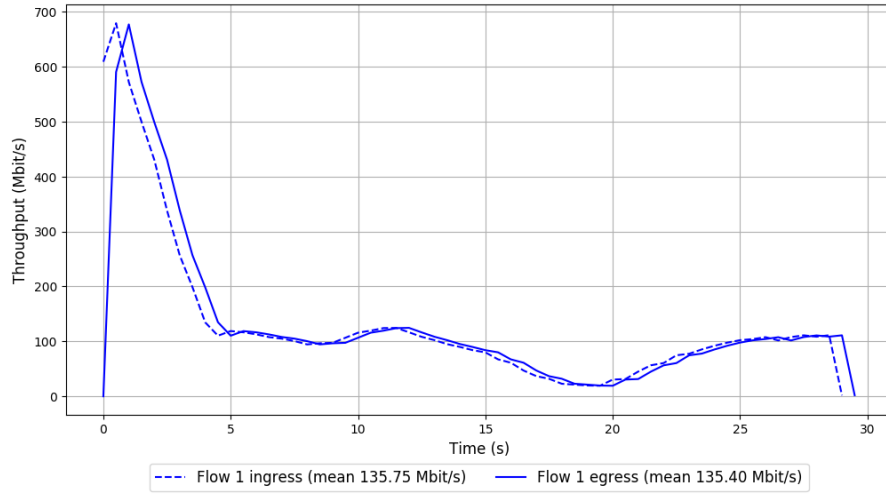


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-05-29 21:45:01
End at: 2019-05-29 21:45:31
Local clock offset: 4.027 ms
Remote clock offset: -2.874 ms

Below is generated by plot.py at 2019-05-29 22:28:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 135.40 Mbit/s
95th percentile per-packet one-way delay: 2.453 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 135.40 Mbit/s
95th percentile per-packet one-way delay: 2.453 ms
Loss rate: 0.26%

Run 5: Report of Indigo-MusesC3 — Data Link

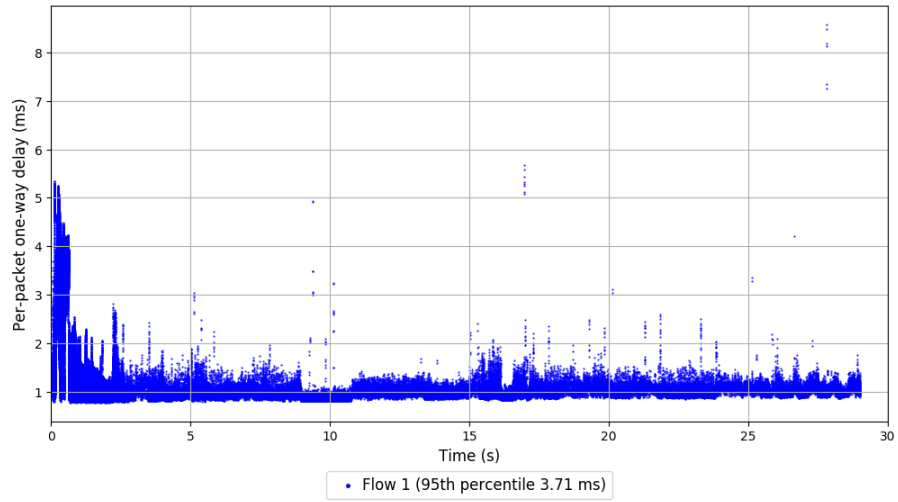
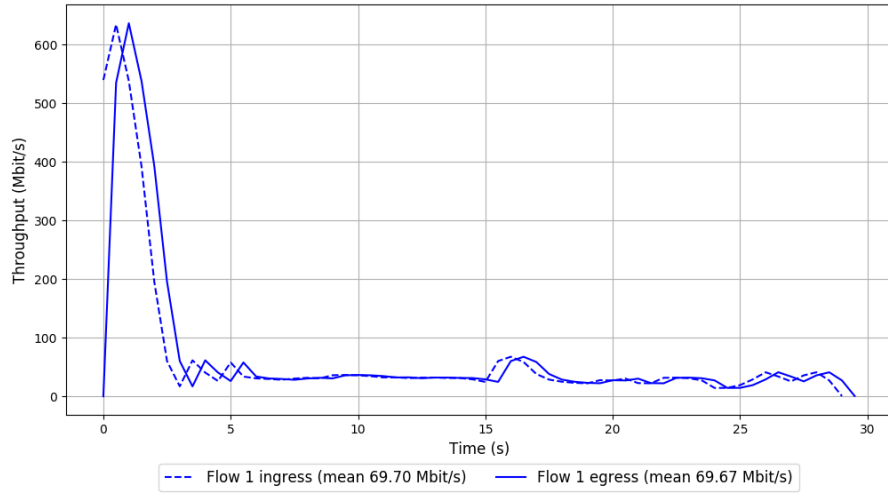


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-05-29 19:47:01
End at: 2019-05-29 19:47:31
Local clock offset: 5.877 ms
Remote clock offset: -1.345 ms

Below is generated by plot.py at 2019-05-29 22:28:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.67 Mbit/s
95th percentile per-packet one-way delay: 3.715 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 69.67 Mbit/s
95th percentile per-packet one-way delay: 3.715 ms
Loss rate: 0.04%

Run 1: Report of Indigo-MusesC5 — Data Link

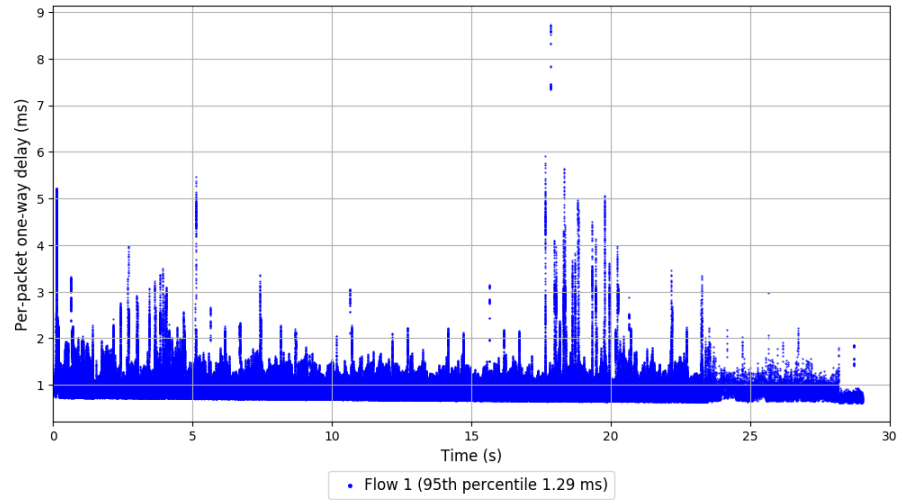
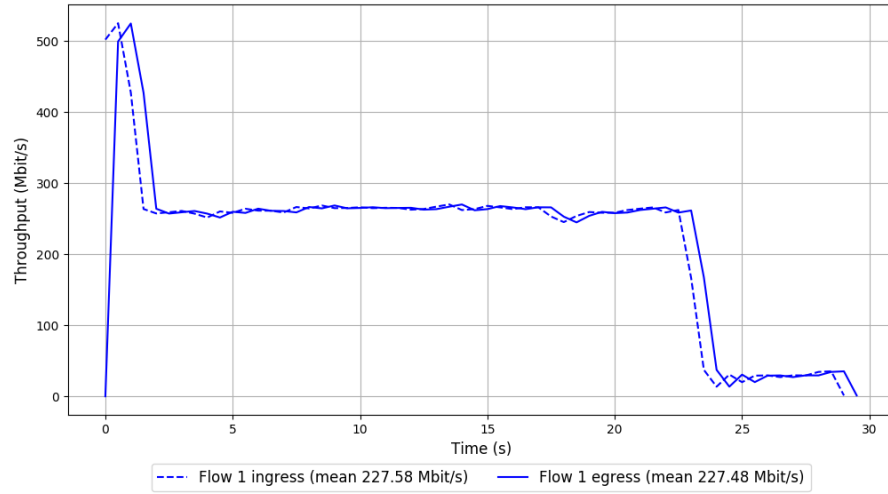


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-05-29 20:15:41
End at: 2019-05-29 20:16:12
Local clock offset: 6.125 ms
Remote clock offset: -1.574 ms

Below is generated by plot.py at 2019-05-29 22:28:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 227.48 Mbit/s
95th percentile per-packet one-way delay: 1.294 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 227.48 Mbit/s
95th percentile per-packet one-way delay: 1.294 ms
Loss rate: 0.04%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-05-29 20:44:14

End at: 2019-05-29 20:44:44

Local clock offset: 5.926 ms

Remote clock offset: 1.162 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.40 Mbit/s

95th percentile per-packet one-way delay: 3.776 ms

Loss rate: 0.10%

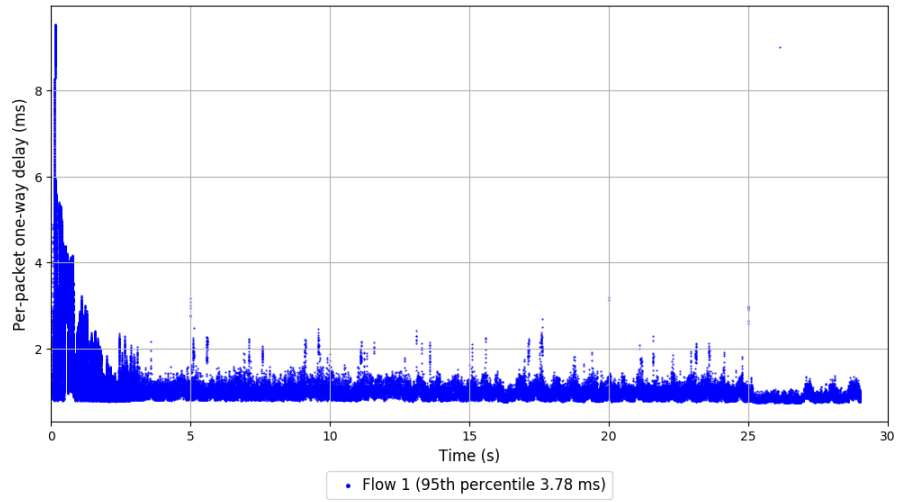
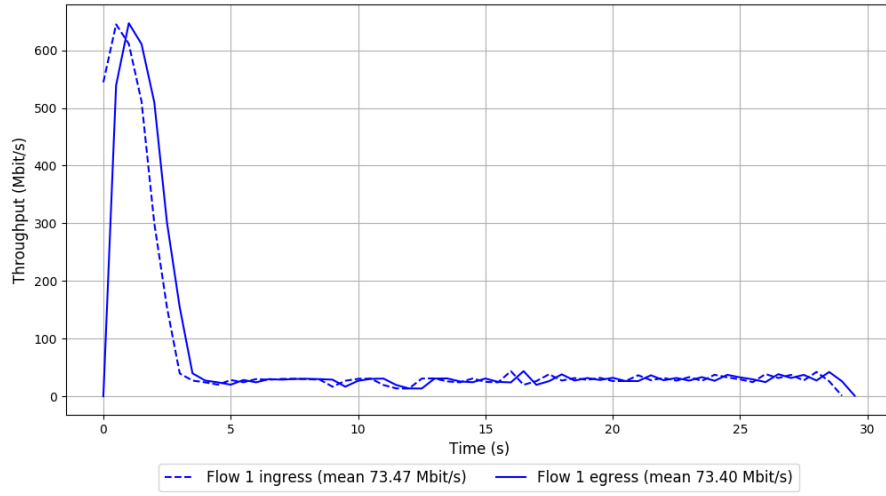
-- Flow 1:

Average throughput: 73.40 Mbit/s

95th percentile per-packet one-way delay: 3.776 ms

Loss rate: 0.10%

Run 3: Report of Indigo-MusesC5 — Data Link

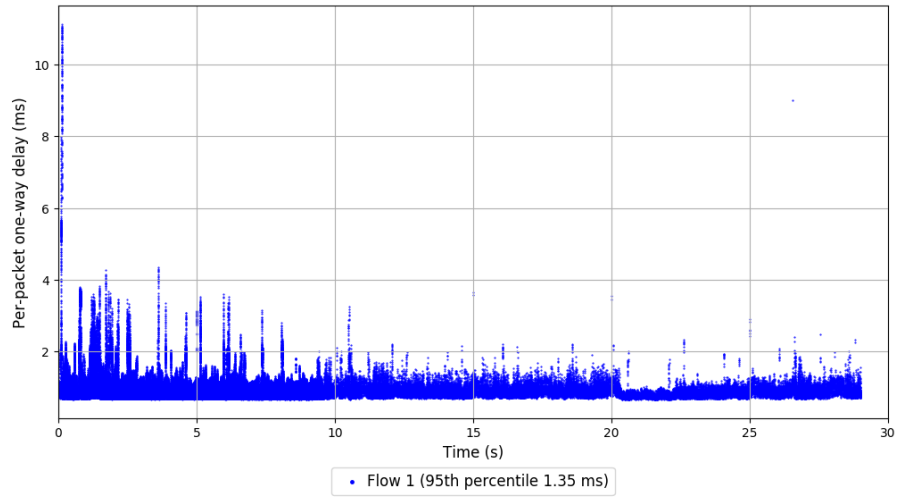
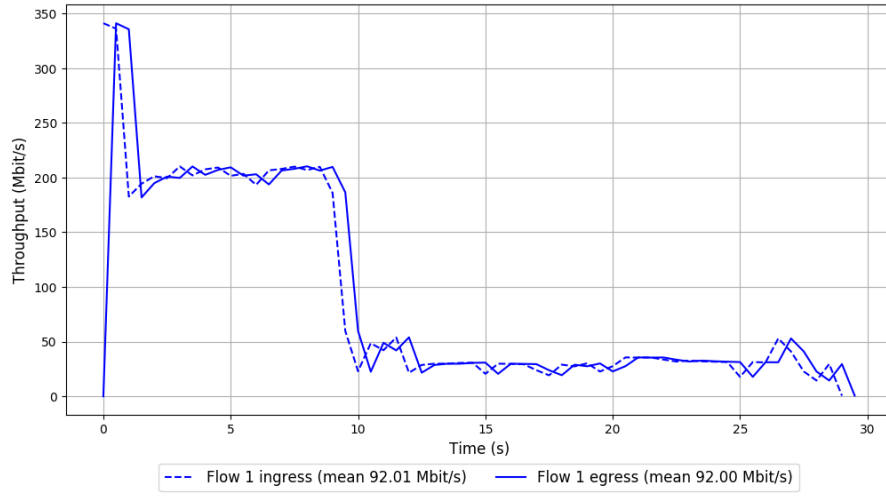


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-05-29 21:12:49
End at: 2019-05-29 21:13:19
Local clock offset: 5.061 ms
Remote clock offset: -4.215 ms

Below is generated by plot.py at 2019-05-29 22:28:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.00 Mbit/s
95th percentile per-packet one-way delay: 1.355 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 92.00 Mbit/s
95th percentile per-packet one-way delay: 1.355 ms
Loss rate: 0.01%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-05-29 21:41:08

End at: 2019-05-29 21:41:38

Local clock offset: 4.084 ms

Remote clock offset: -2.98 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.62 Mbit/s

95th percentile per-packet one-way delay: 3.451 ms

Loss rate: 0.19%

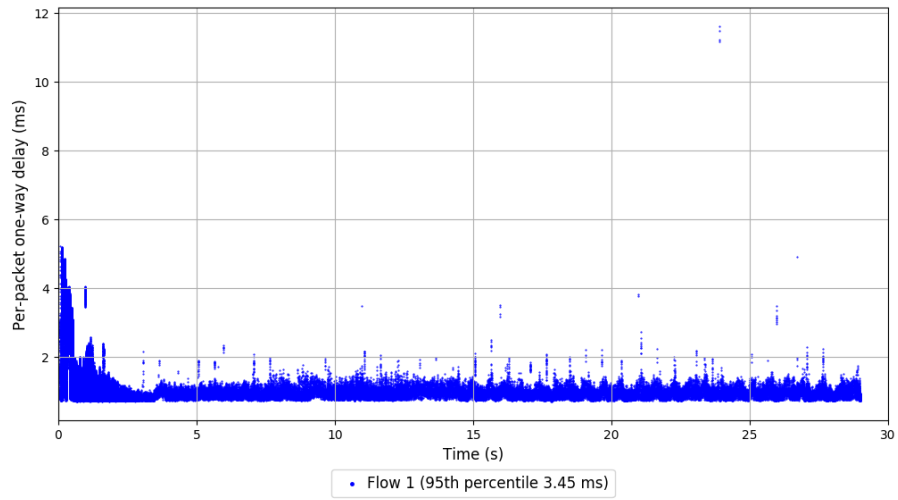
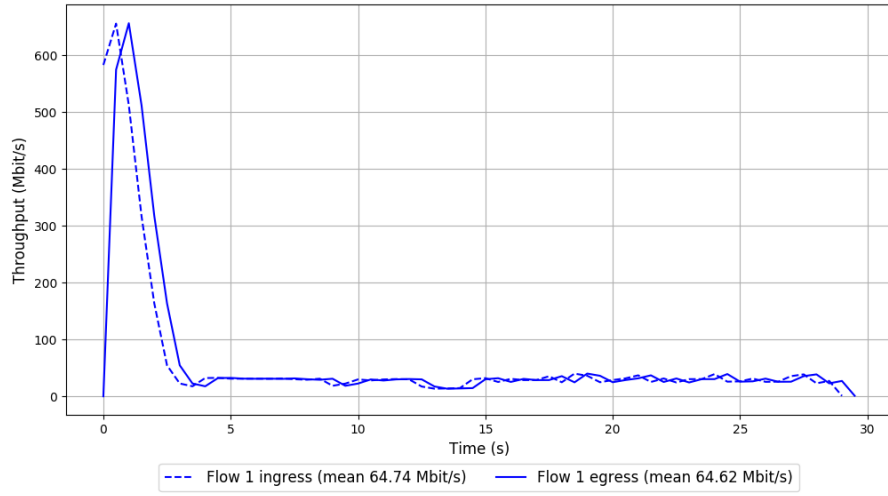
-- Flow 1:

Average throughput: 64.62 Mbit/s

95th percentile per-packet one-way delay: 3.451 ms

Loss rate: 0.19%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-05-29 19:28:58

End at: 2019-05-29 19:29:28

Local clock offset: 5.782 ms

Remote clock offset: 1.415 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 105.09 Mbit/s

95th percentile per-packet one-way delay: 1.094 ms

Loss rate: 0.06%

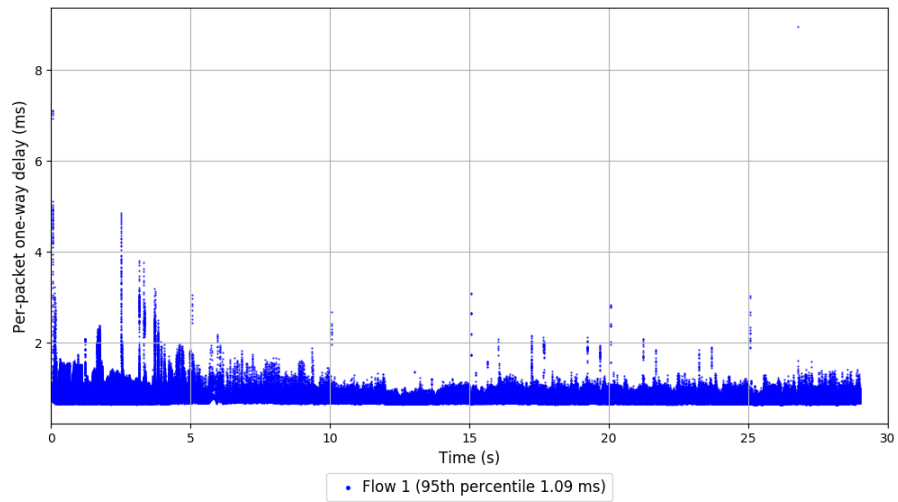
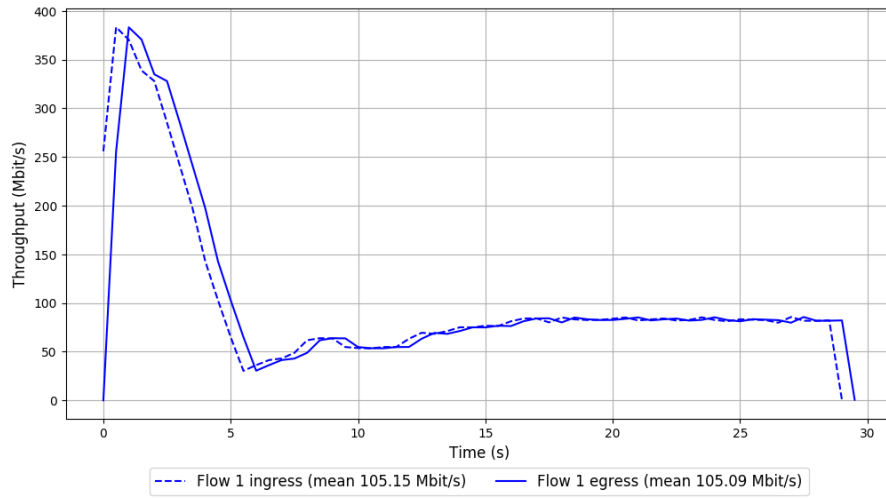
-- Flow 1:

Average throughput: 105.09 Mbit/s

95th percentile per-packet one-way delay: 1.094 ms

Loss rate: 0.06%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-05-29 19:57:38

End at: 2019-05-29 19:58:08

Local clock offset: 5.964 ms

Remote clock offset: -2.559 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 124.93 Mbit/s

95th percentile per-packet one-way delay: 1.431 ms

Loss rate: 0.04%

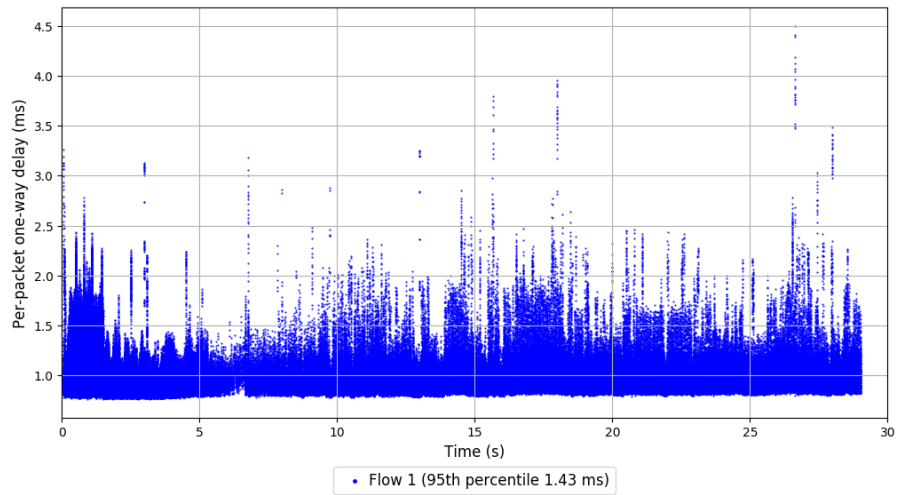
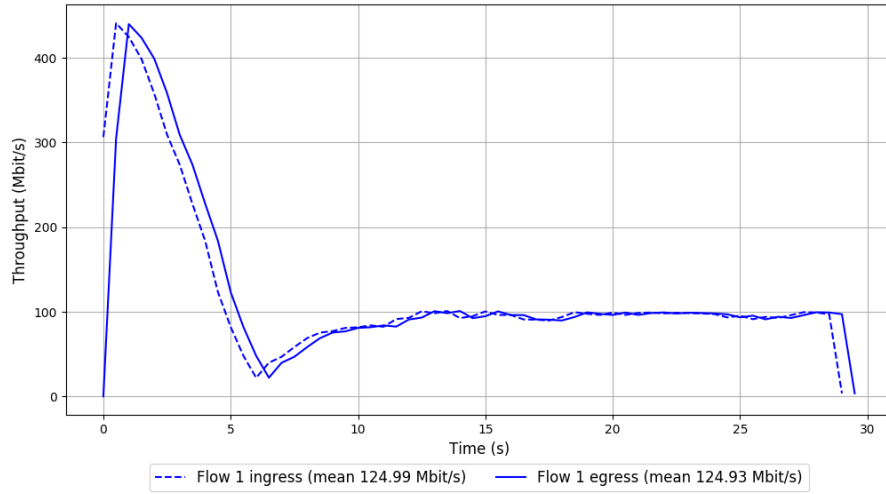
-- Flow 1:

Average throughput: 124.93 Mbit/s

95th percentile per-packet one-way delay: 1.431 ms

Loss rate: 0.04%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-05-29 20:26:14

End at: 2019-05-29 20:26:44

Local clock offset: 6.277 ms

Remote clock offset: 0.022 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 117.64 Mbit/s

95th percentile per-packet one-way delay: 1.226 ms

Loss rate: 0.01%

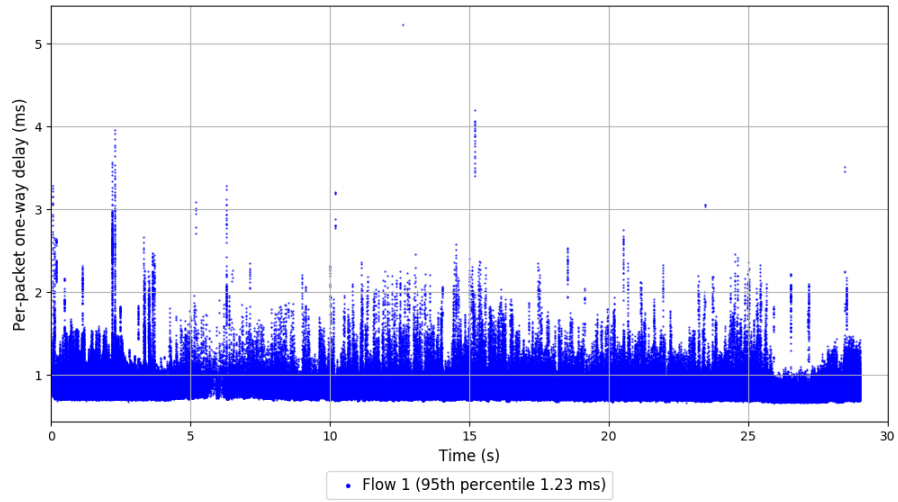
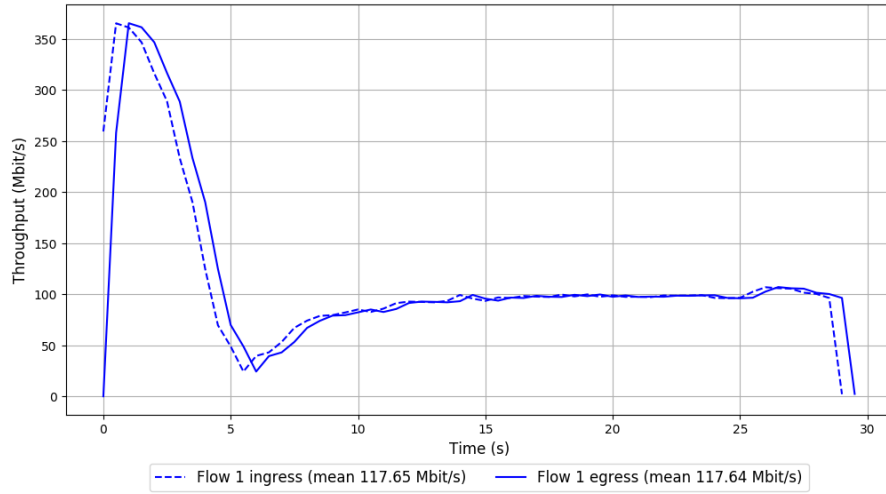
-- Flow 1:

Average throughput: 117.64 Mbit/s

95th percentile per-packet one-way delay: 1.226 ms

Loss rate: 0.01%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-05-29 20:54:54

End at: 2019-05-29 20:55:24

Local clock offset: 5.651 ms

Remote clock offset: -2.276 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 110.96 Mbit/s

95th percentile per-packet one-way delay: 1.362 ms

Loss rate: 0.02%

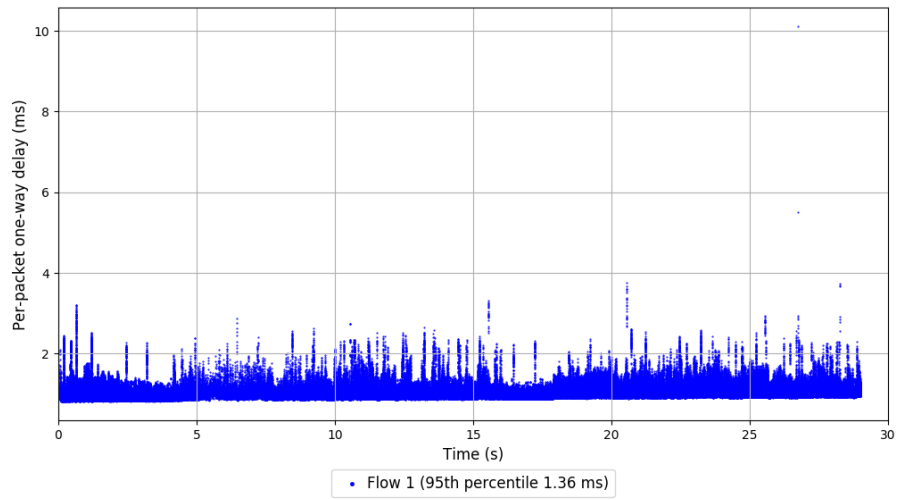
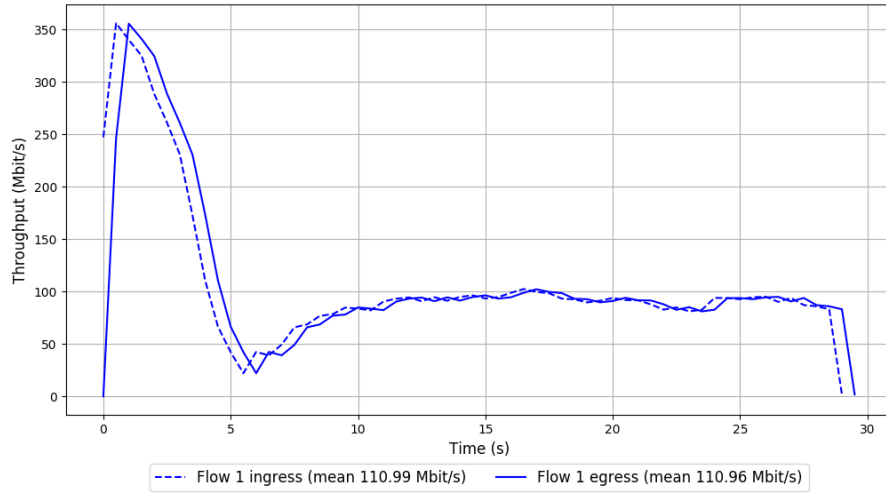
-- Flow 1:

Average throughput: 110.96 Mbit/s

95th percentile per-packet one-way delay: 1.362 ms

Loss rate: 0.02%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-05-29 21:23:05

End at: 2019-05-29 21:23:35

Local clock offset: 4.466 ms

Remote clock offset: -3.949 ms

Below is generated by plot.py at 2019-05-29 22:28:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.89 Mbit/s

95th percentile per-packet one-way delay: 1.271 ms

Loss rate: 0.02%

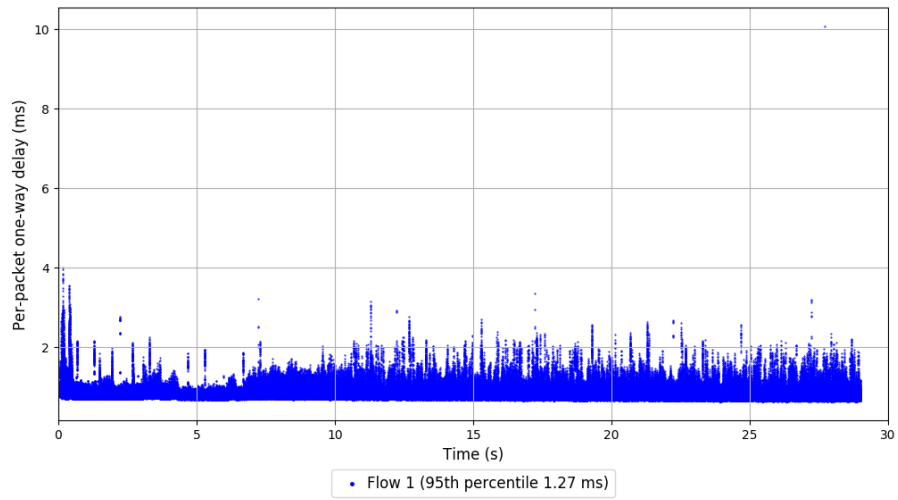
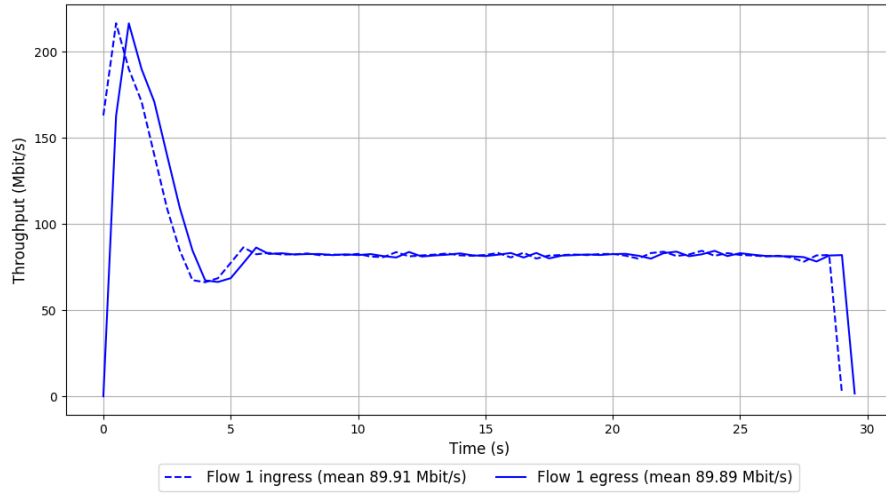
-- Flow 1:

Average throughput: 89.89 Mbit/s

95th percentile per-packet one-way delay: 1.271 ms

Loss rate: 0.02%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MuseST

Start at: 2019-05-29 19:37:15

End at: 2019-05-29 19:37:45

Local clock offset: 6.014 ms

Remote clock offset: 1.932 ms

Below is generated by plot.py at 2019-05-29 22:29:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 454.81 Mbit/s

95th percentile per-packet one-way delay: 1.583 ms

Loss rate: 0.03%

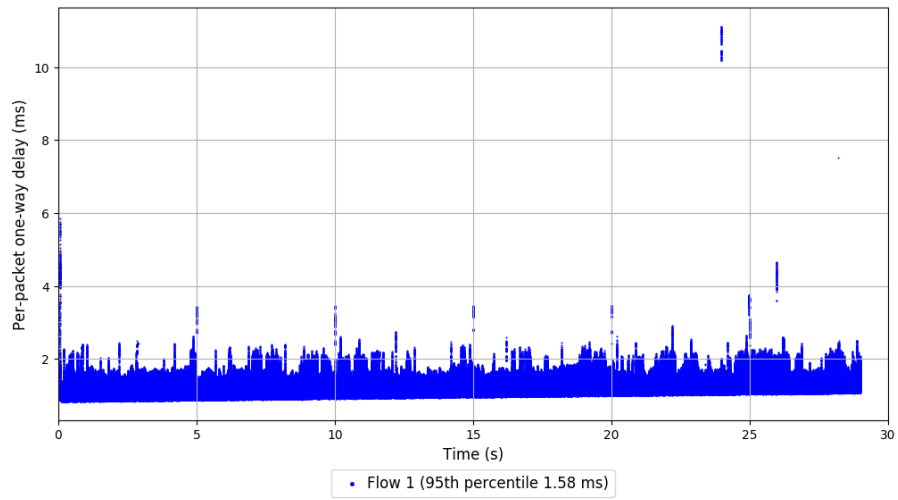
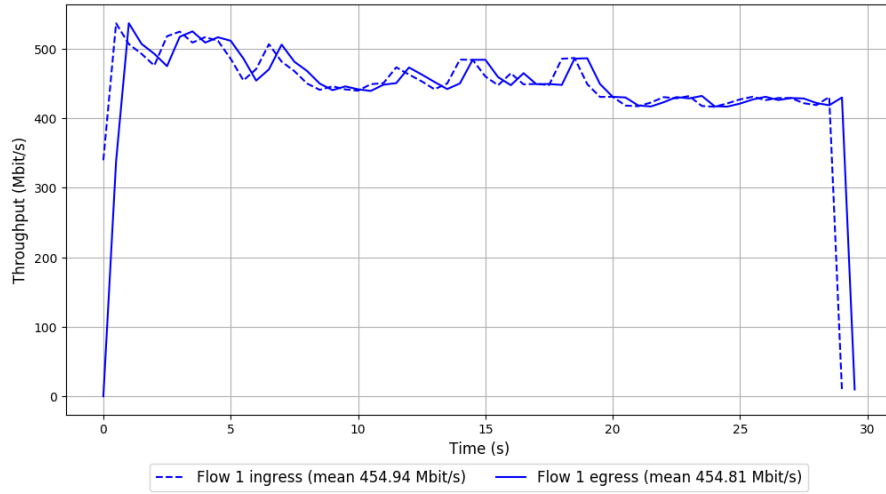
-- Flow 1:

Average throughput: 454.81 Mbit/s

95th percentile per-packet one-way delay: 1.583 ms

Loss rate: 0.03%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MuseST

Start at: 2019-05-29 20:05:50

End at: 2019-05-29 20:06:20

Local clock offset: 6.173 ms

Remote clock offset: -2.868 ms

Below is generated by plot.py at 2019-05-29 22:29:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 459.34 Mbit/s

95th percentile per-packet one-way delay: 1.486 ms

Loss rate: 0.03%

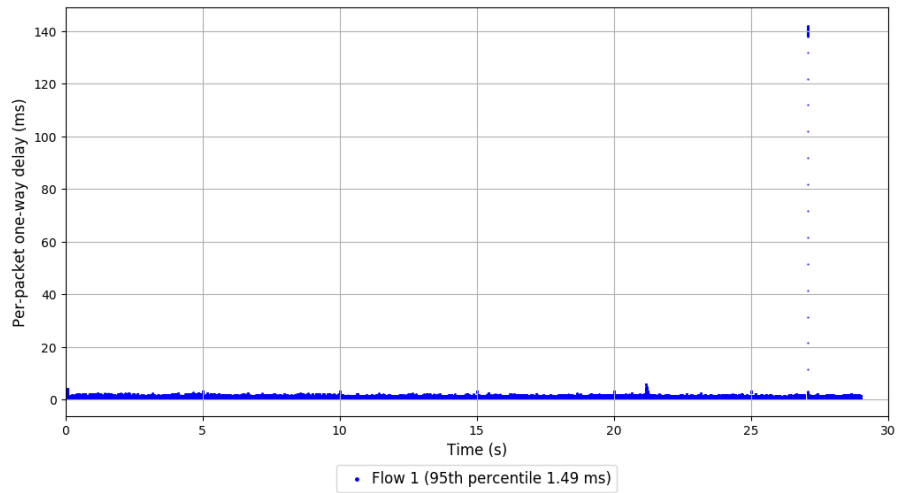
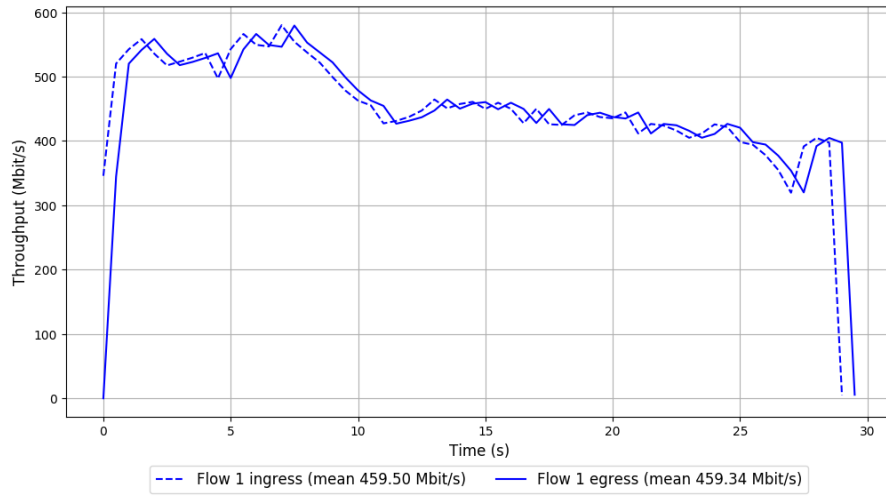
-- Flow 1:

Average throughput: 459.34 Mbit/s

95th percentile per-packet one-way delay: 1.486 ms

Loss rate: 0.03%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MuseST

Start at: 2019-05-29 20:34:31

End at: 2019-05-29 20:35:01

Local clock offset: 6.365 ms

Remote clock offset: 0.575 ms

Below is generated by plot.py at 2019-05-29 22:29:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 466.77 Mbit/s

95th percentile per-packet one-way delay: 1.434 ms

Loss rate: 0.03%

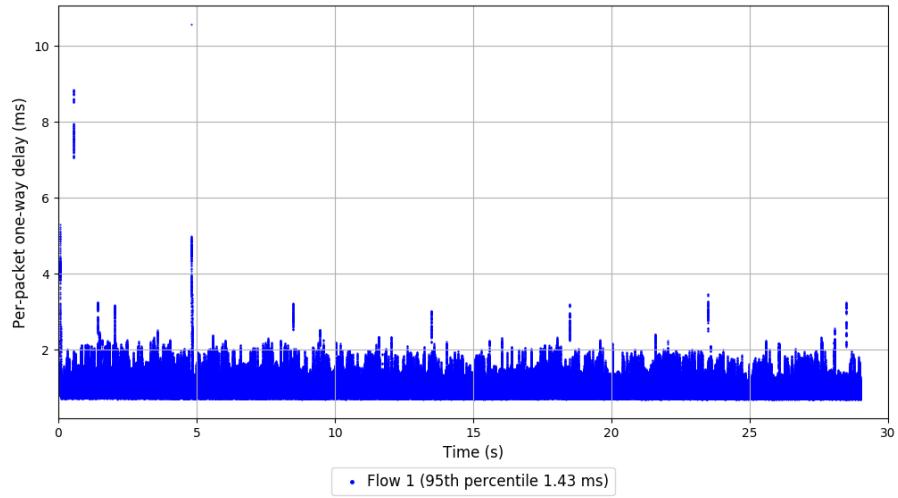
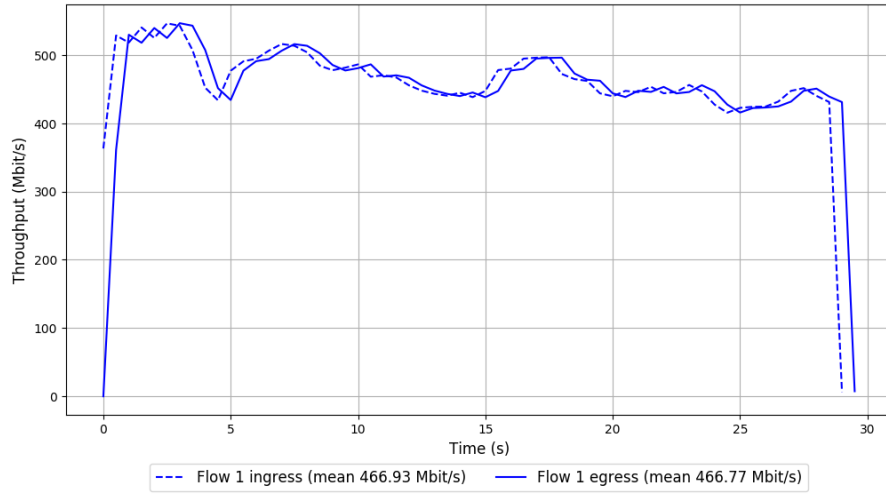
-- Flow 1:

Average throughput: 466.77 Mbit/s

95th percentile per-packet one-way delay: 1.434 ms

Loss rate: 0.03%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MuseST

Start at: 2019-05-29 21:03:07

End at: 2019-05-29 21:03:37

Local clock offset: 5.646 ms

Remote clock offset: -3.477 ms

Below is generated by plot.py at 2019-05-29 22:29:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 364.06 Mbit/s

95th percentile per-packet one-way delay: 1.482 ms

Loss rate: 0.08%

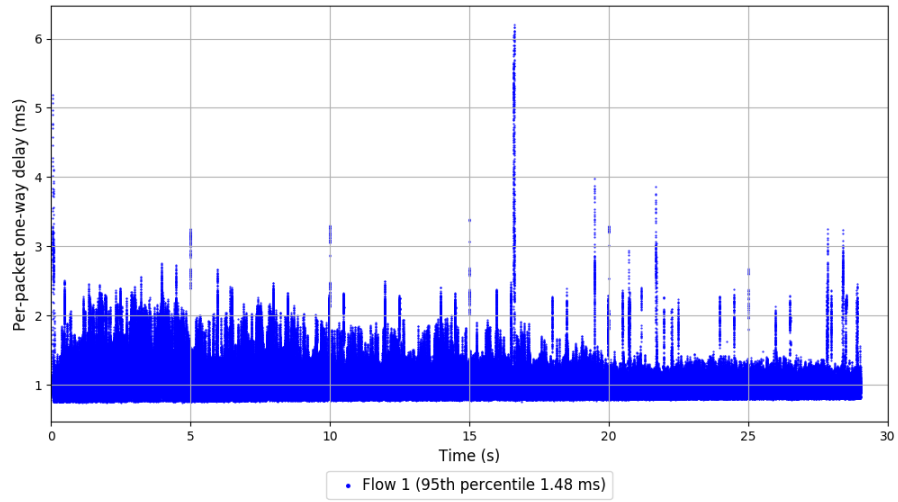
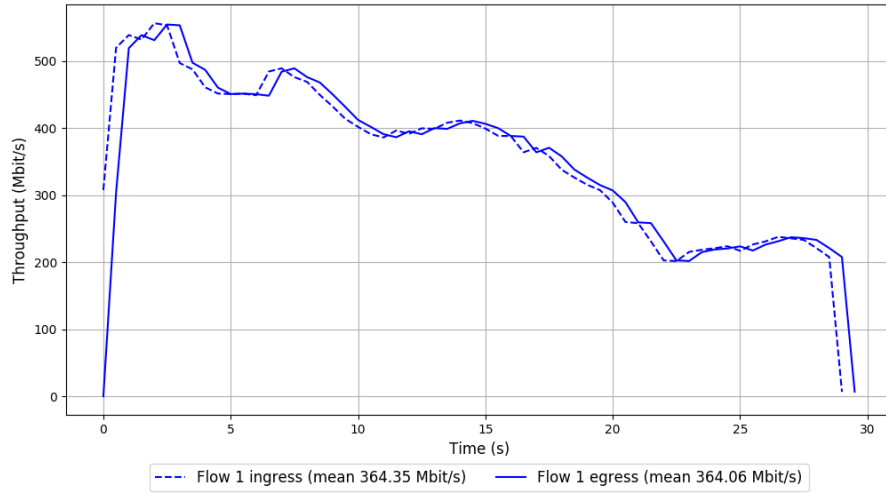
-- Flow 1:

Average throughput: 364.06 Mbit/s

95th percentile per-packet one-way delay: 1.482 ms

Loss rate: 0.08%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MuseST

Start at: 2019-05-29 21:31:23

End at: 2019-05-29 21:31:53

Local clock offset: 4.232 ms

Remote clock offset: -3.352 ms

Below is generated by plot.py at 2019-05-29 22:29:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 441.12 Mbit/s

95th percentile per-packet one-way delay: 1.241 ms

Loss rate: 0.13%

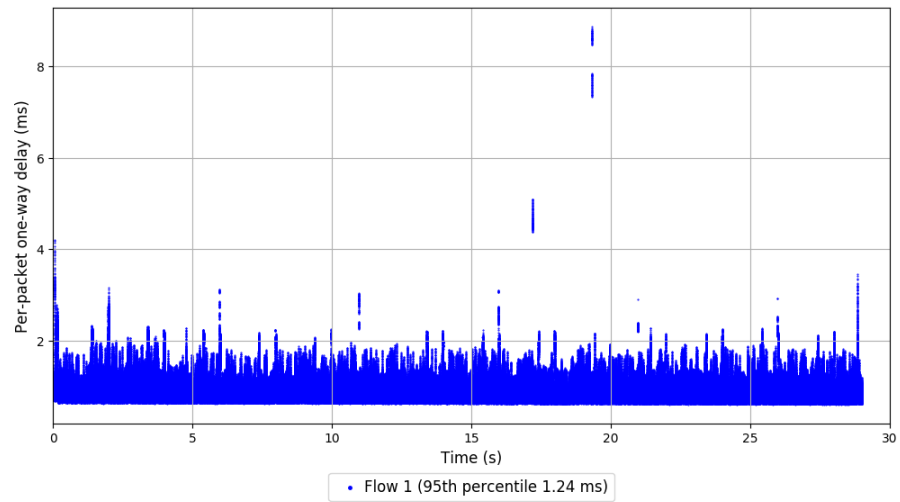
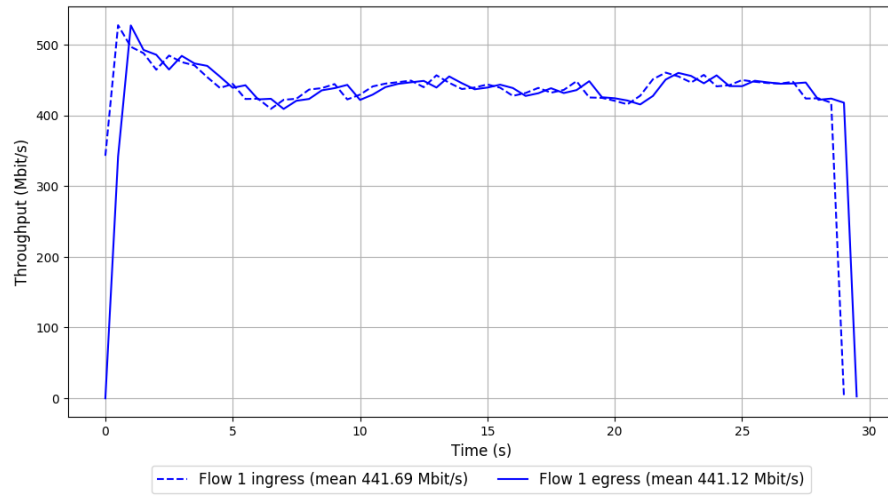
-- Flow 1:

Average throughput: 441.12 Mbit/s

95th percentile per-packet one-way delay: 1.241 ms

Loss rate: 0.13%

Run 5: Report of Indigo-MusesT — Data Link



Run 1: Statistics of LEDBAT

Start at: 2019-05-29 19:54:46
End at: 2019-05-29 19:55:16
Local clock offset: 5.899 ms
Remote clock offset: -2.455 ms

Below is generated by plot.py at 2019-05-29 22:31:05

Datalink statistics

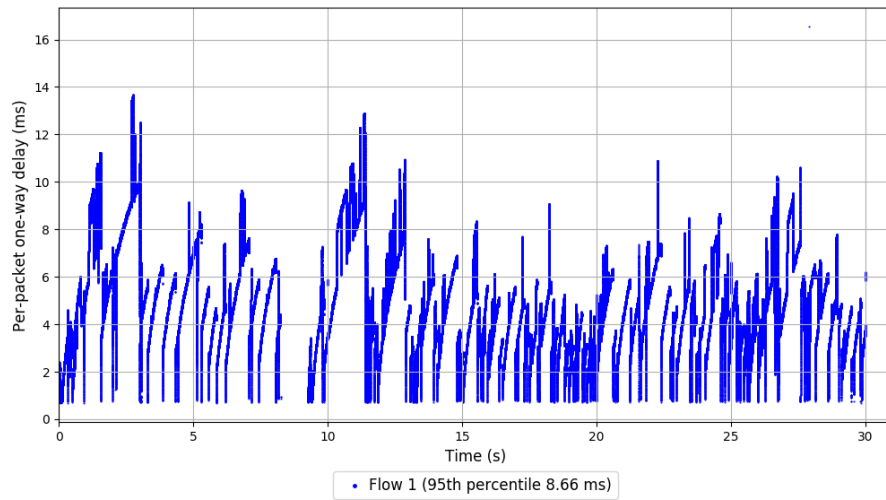
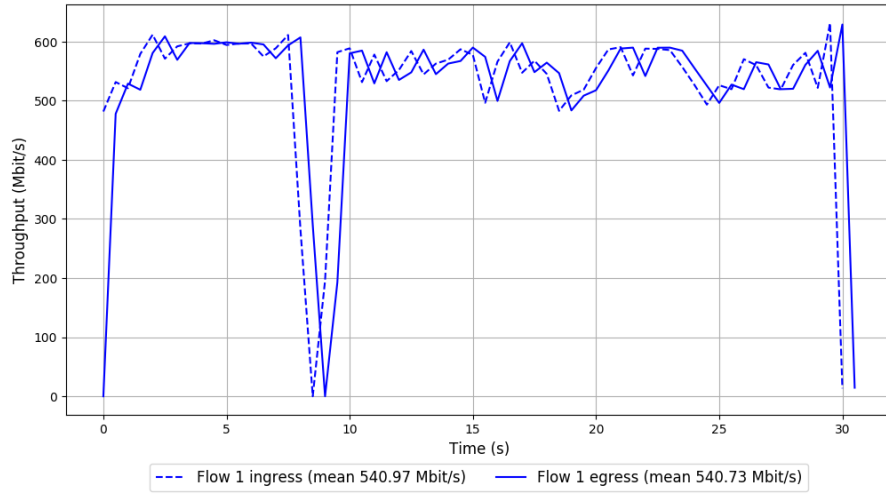
-- Total of 1 flow:

Average throughput: 540.73 Mbit/s
95th percentile per-packet one-way delay: 8.663 ms
Loss rate: 0.05%

-- Flow 1:

Average throughput: 540.73 Mbit/s
95th percentile per-packet one-way delay: 8.663 ms
Loss rate: 0.05%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-05-29 20:23:25

End at: 2019-05-29 20:23:55

Local clock offset: 6.188 ms

Remote clock offset: -0.256 ms

Below is generated by plot.py at 2019-05-29 22:32:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 460.17 Mbit/s

95th percentile per-packet one-way delay: 9.652 ms

Loss rate: 0.10%

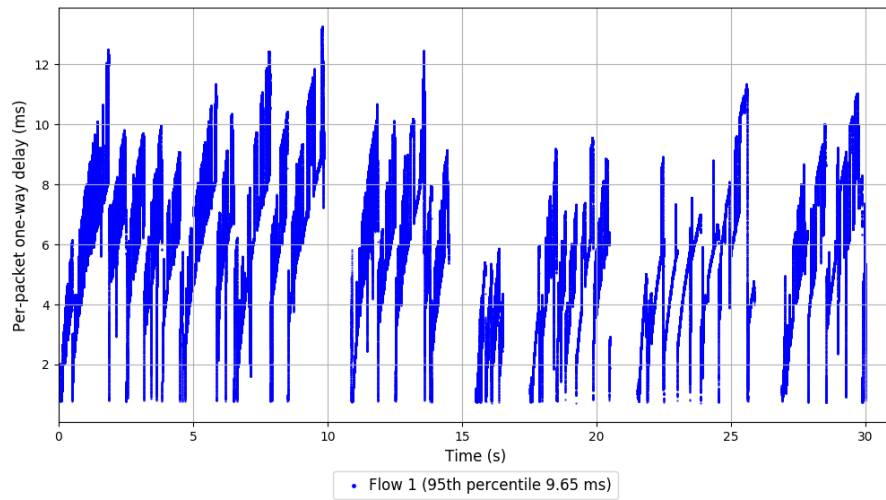
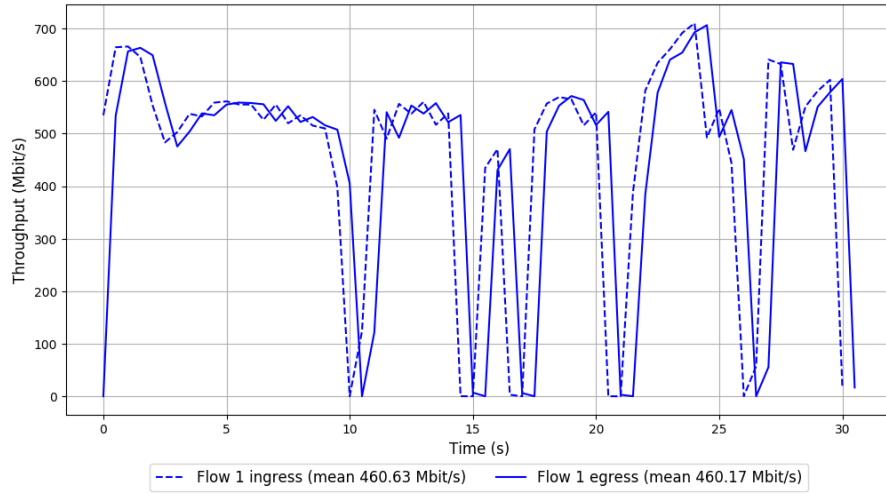
-- Flow 1:

Average throughput: 460.17 Mbit/s

95th percentile per-packet one-way delay: 9.652 ms

Loss rate: 0.10%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-05-29 20:52:07

End at: 2019-05-29 20:52:37

Local clock offset: 5.684 ms

Remote clock offset: -1.631 ms

Below is generated by plot.py at 2019-05-29 22:33:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 421.55 Mbit/s

95th percentile per-packet one-way delay: 8.940 ms

Loss rate: 0.12%

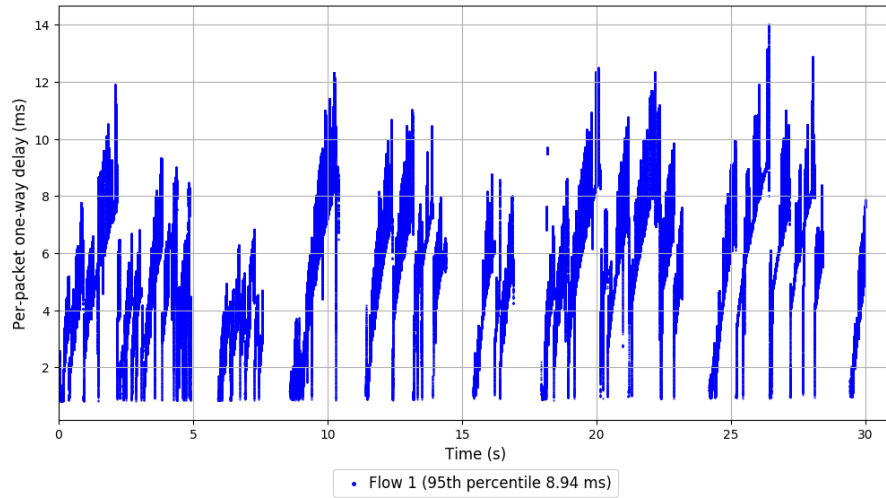
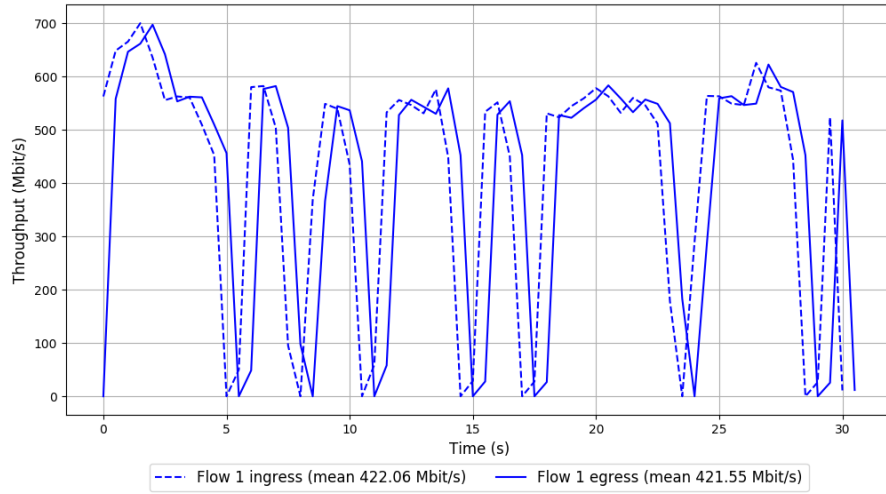
-- Flow 1:

Average throughput: 421.55 Mbit/s

95th percentile per-packet one-way delay: 8.940 ms

Loss rate: 0.12%

Run 3: Report of LEDBAT — Data Link

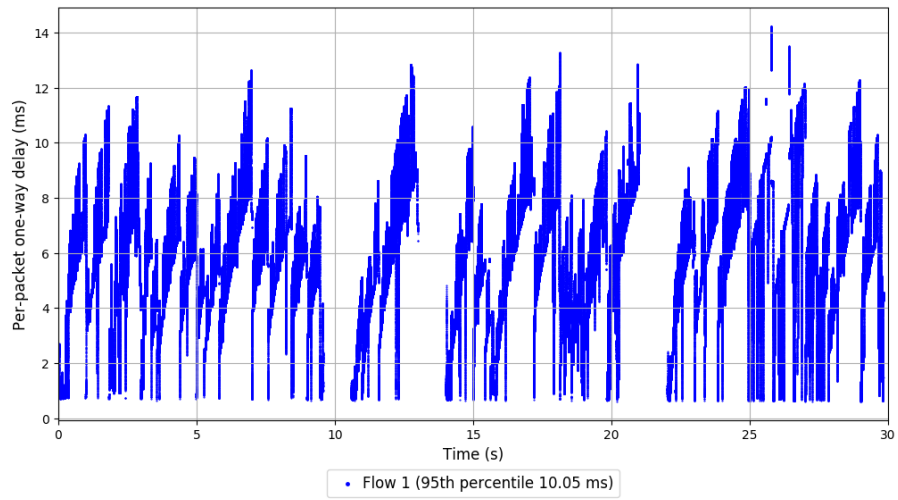
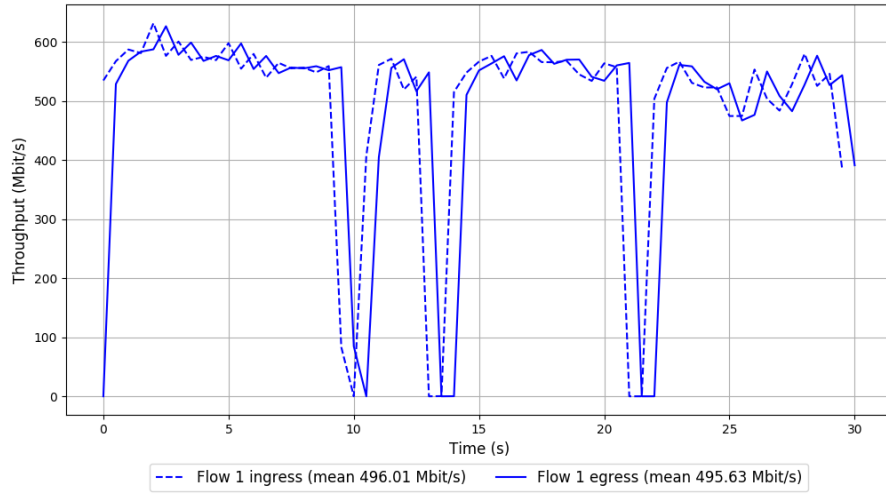


Run 4: Statistics of LEDBAT

Start at: 2019-05-29 21:20:16
End at: 2019-05-29 21:20:46
Local clock offset: 4.589 ms
Remote clock offset: -4.361 ms

```
# Below is generated by plot.py at 2019-05-29 22:34:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 495.63 Mbit/s
95th percentile per-packet one-way delay: 10.054 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 495.63 Mbit/s
95th percentile per-packet one-way delay: 10.054 ms
Loss rate: 0.08%
```

Run 4: Report of LEDBAT — Data Link

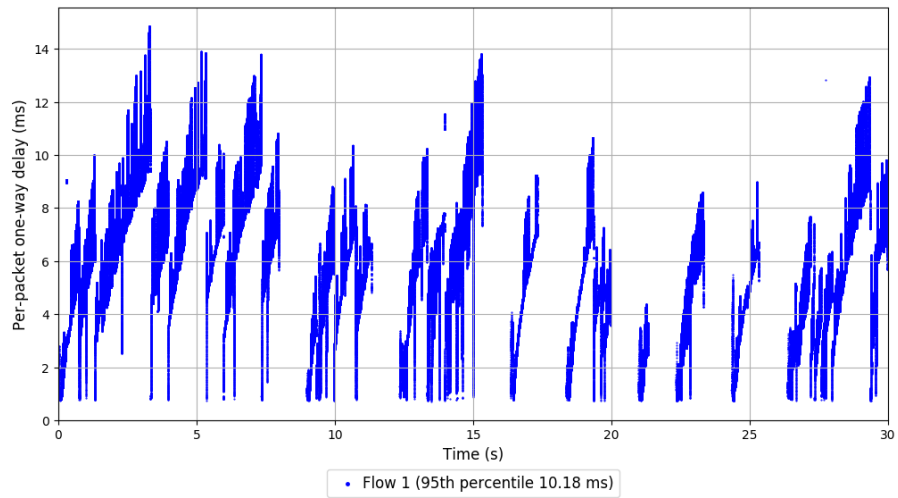
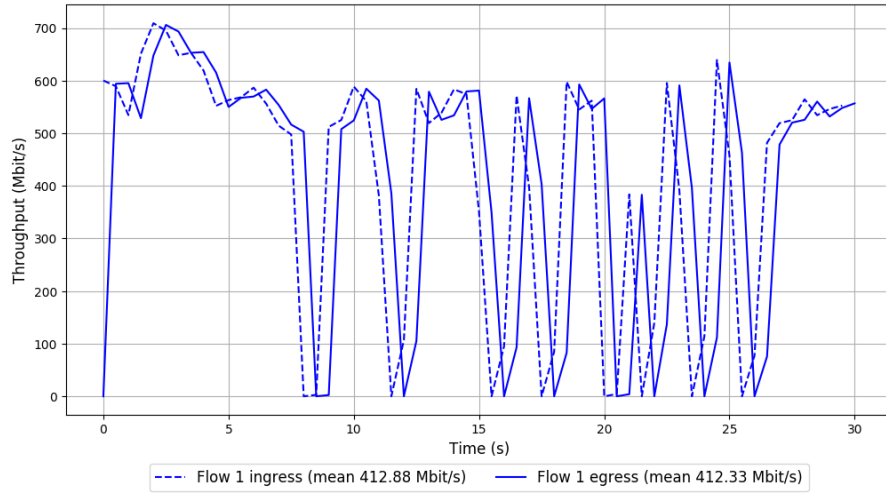


Run 5: Statistics of LEDBAT

Start at: 2019-05-29 21:48:57
End at: 2019-05-29 21:49:27
Local clock offset: 3.963 ms
Remote clock offset: -2.857 ms

Below is generated by plot.py at 2019-05-29 22:34:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 412.33 Mbit/s
95th percentile per-packet one-way delay: 10.176 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 412.33 Mbit/s
95th percentile per-packet one-way delay: 10.176 ms
Loss rate: 0.12%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-05-29 19:52:08

End at: 2019-05-29 19:52:38

Local clock offset: 5.884 ms

Remote clock offset: -2.102 ms

Below is generated by plot.py at 2019-05-29 22:35:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 502.70 Mbit/s

95th percentile per-packet one-way delay: 5.066 ms

Loss rate: 0.14%

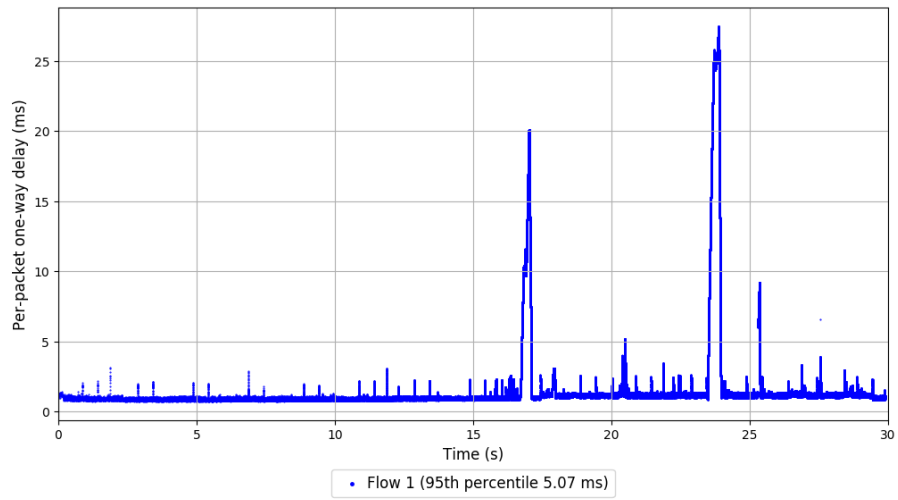
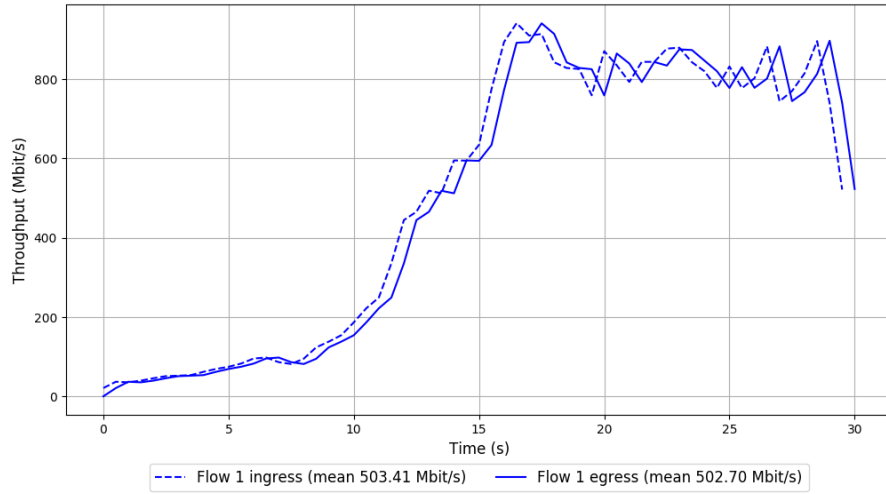
-- Flow 1:

Average throughput: 502.70 Mbit/s

95th percentile per-packet one-way delay: 5.066 ms

Loss rate: 0.14%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-05-29 20:20:56

End at: 2019-05-29 20:21:26

Local clock offset: 6.169 ms

Remote clock offset: -0.615 ms

Below is generated by plot.py at 2019-05-29 22:35:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 126.15 Mbit/s

95th percentile per-packet one-way delay: 0.901 ms

Loss rate: 0.06%

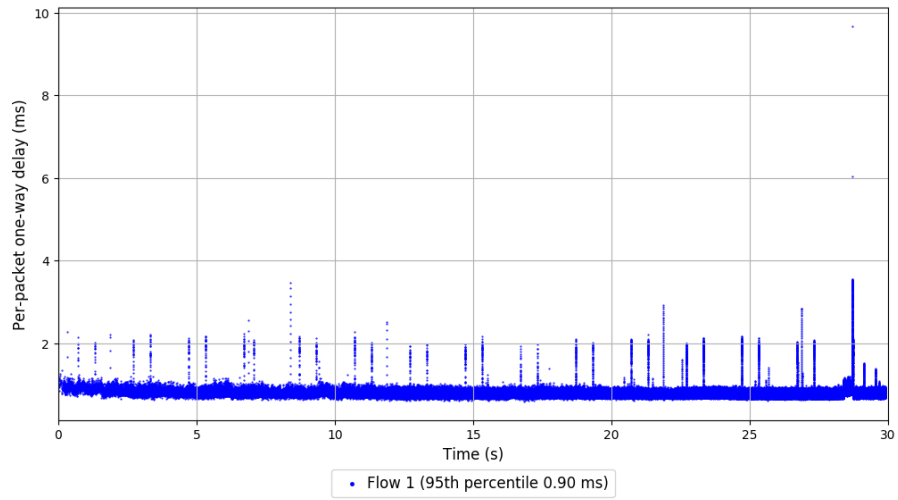
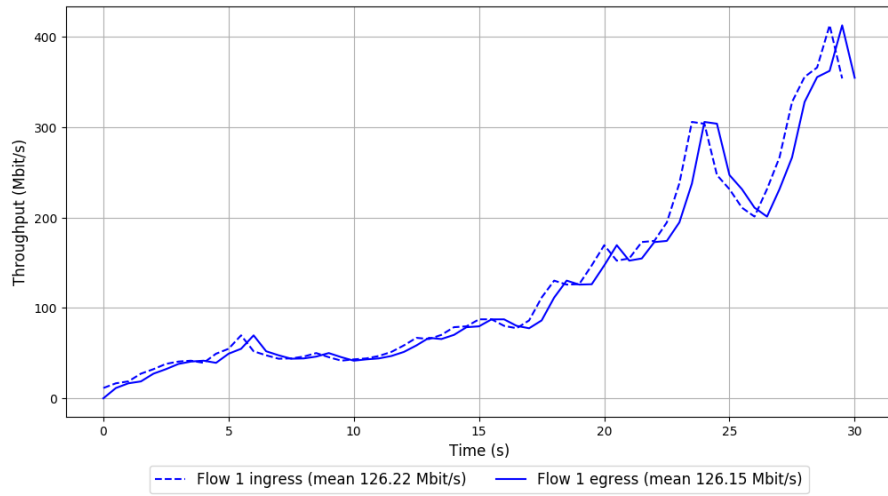
-- Flow 1:

Average throughput: 126.15 Mbit/s

95th percentile per-packet one-way delay: 0.901 ms

Loss rate: 0.06%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-05-29 20:49:25

End at: 2019-05-29 20:49:55

Local clock offset: 5.751 ms

Remote clock offset: -0.735 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 677.82 Mbit/s

95th percentile per-packet one-way delay: 2.008 ms

Loss rate: 0.24%

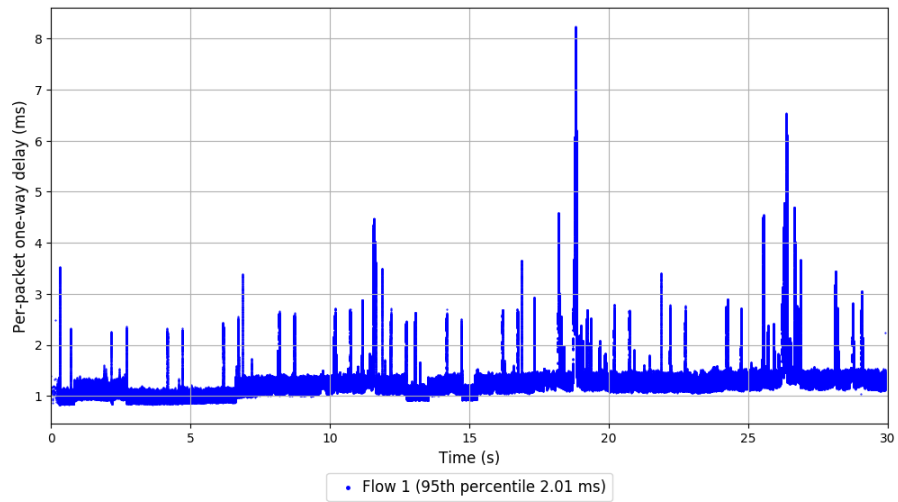
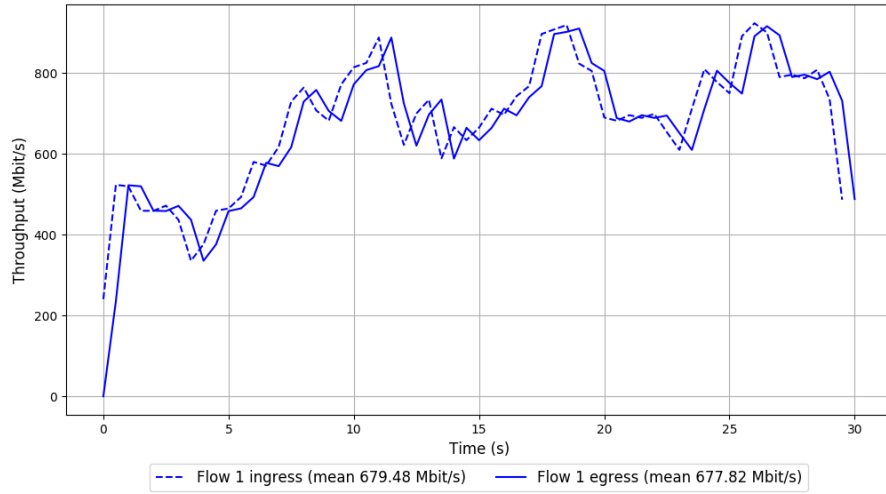
-- Flow 1:

Average throughput: 677.82 Mbit/s

95th percentile per-packet one-way delay: 2.008 ms

Loss rate: 0.24%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-05-29 21:17:47

End at: 2019-05-29 21:18:17

Local clock offset: 4.696 ms

Remote clock offset: -4.495 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.32 Mbit/s

95th percentile per-packet one-way delay: 0.889 ms

Loss rate: 0.01%

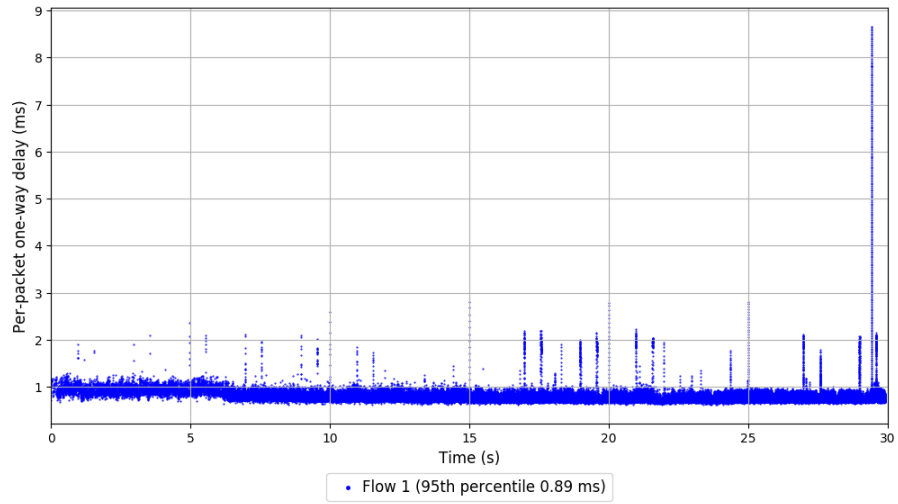
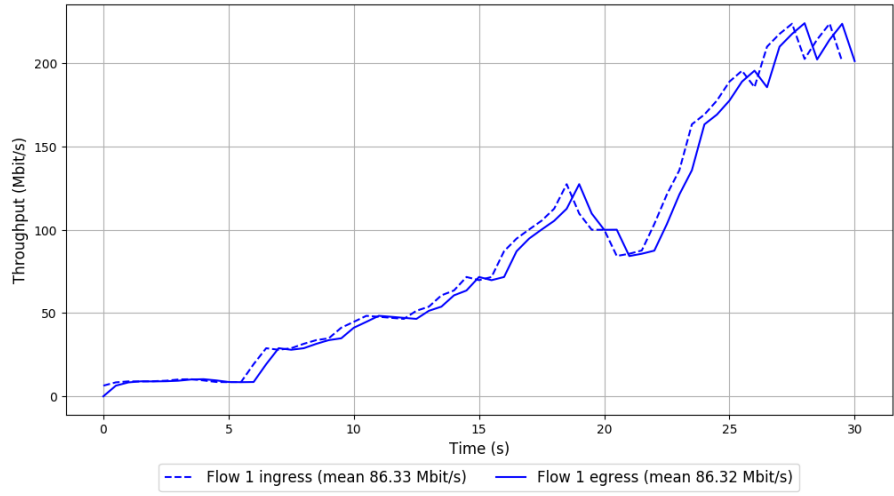
-- Flow 1:

Average throughput: 86.32 Mbit/s

95th percentile per-packet one-way delay: 0.889 ms

Loss rate: 0.01%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-05-29 21:46:19

End at: 2019-05-29 21:46:49

Local clock offset: 4.005 ms

Remote clock offset: -2.962 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 521.70 Mbit/s

95th percentile per-packet one-way delay: 1.120 ms

Loss rate: 0.10%

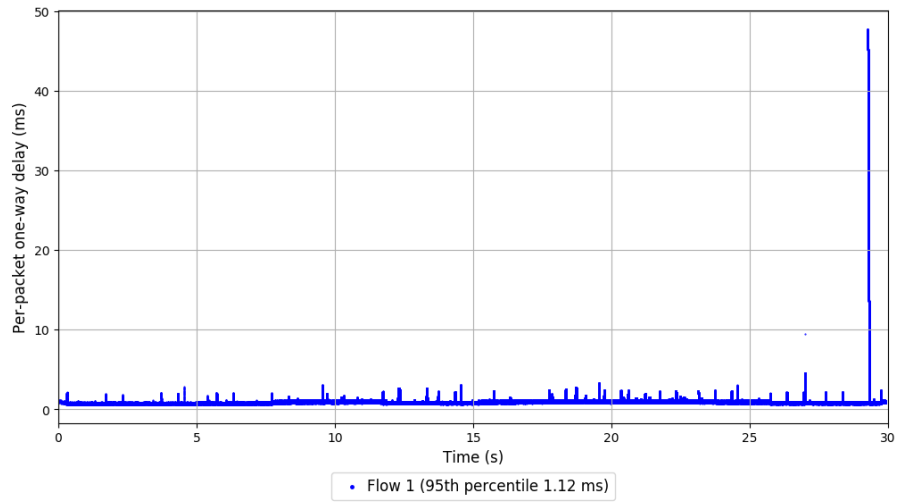
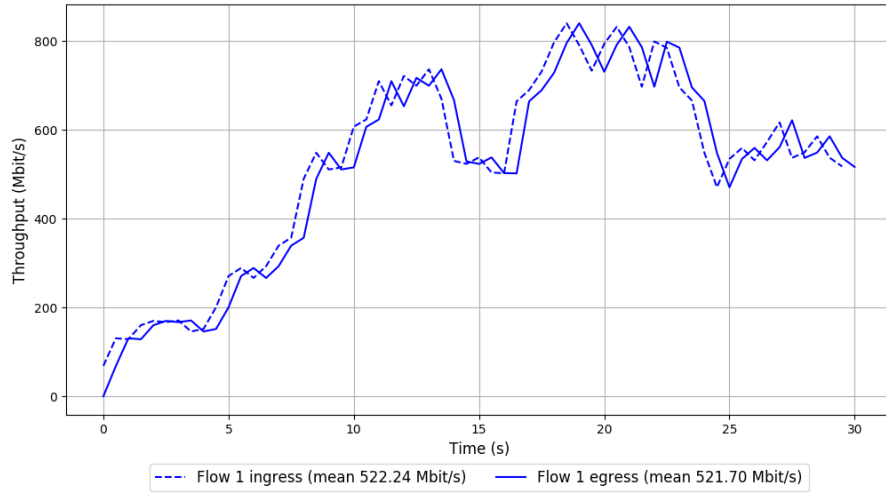
-- Flow 1:

Average throughput: 521.70 Mbit/s

95th percentile per-packet one-way delay: 1.120 ms

Loss rate: 0.10%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

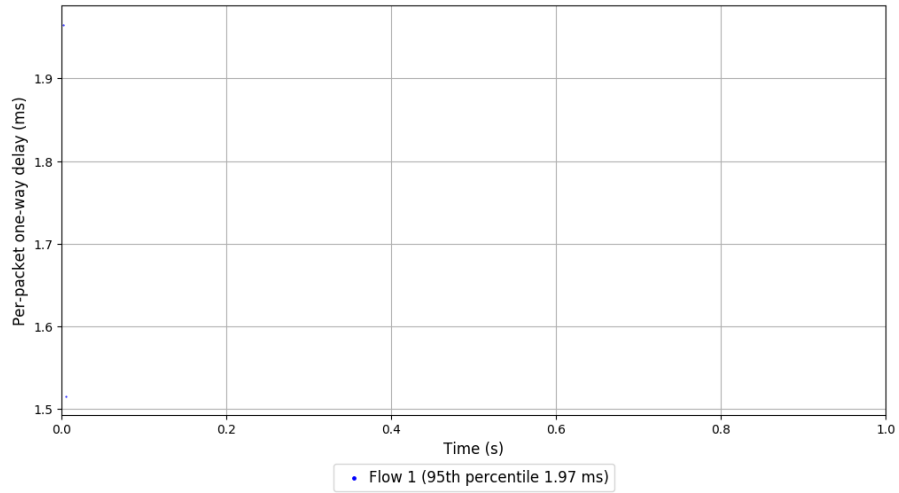
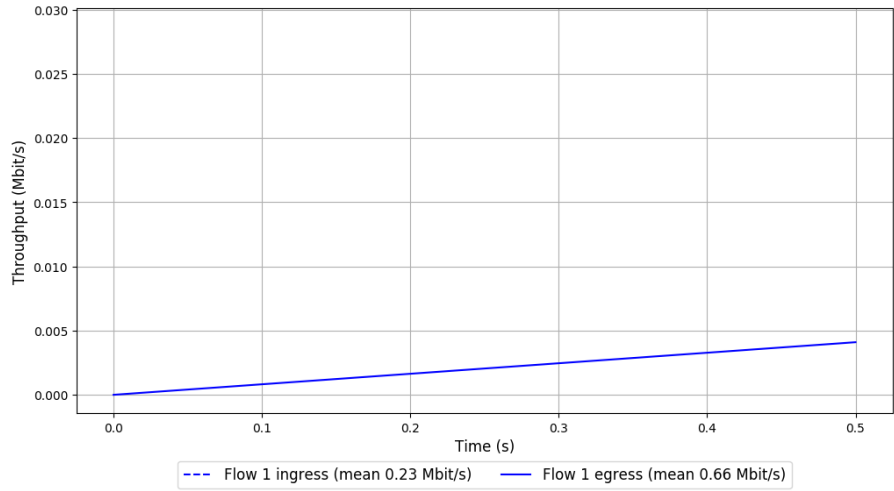
Start at: 2019-05-29 19:36:02

End at: 2019-05-29 19:36:32

Local clock offset: 5.964 ms

Remote clock offset: 1.989 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

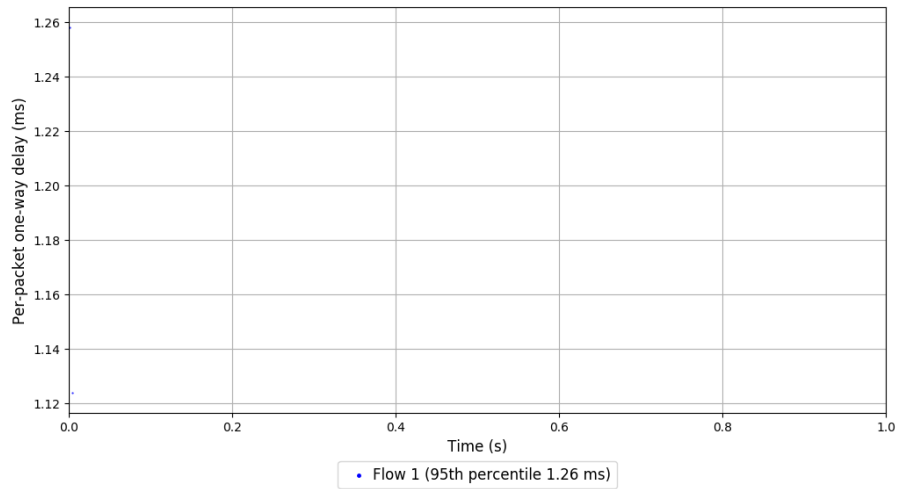
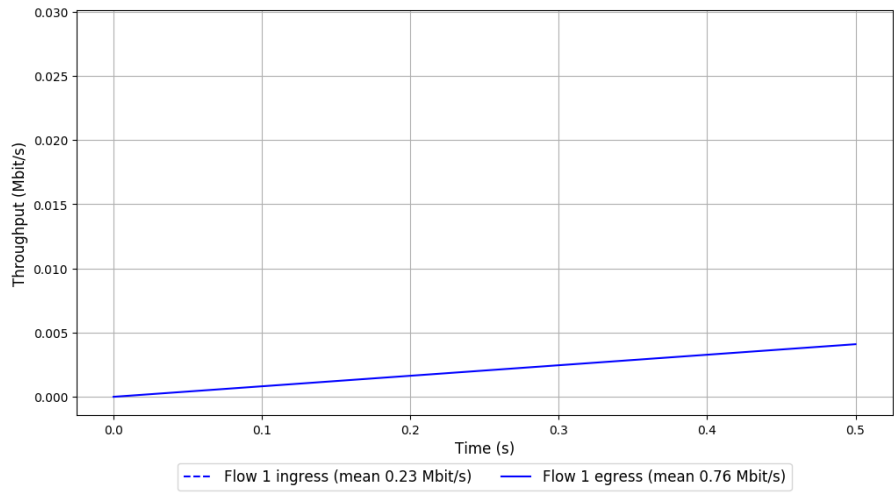
Start at: 2019-05-29 20:04:37

End at: 2019-05-29 20:05:07

Local clock offset: 6.104 ms

Remote clock offset: -2.834 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

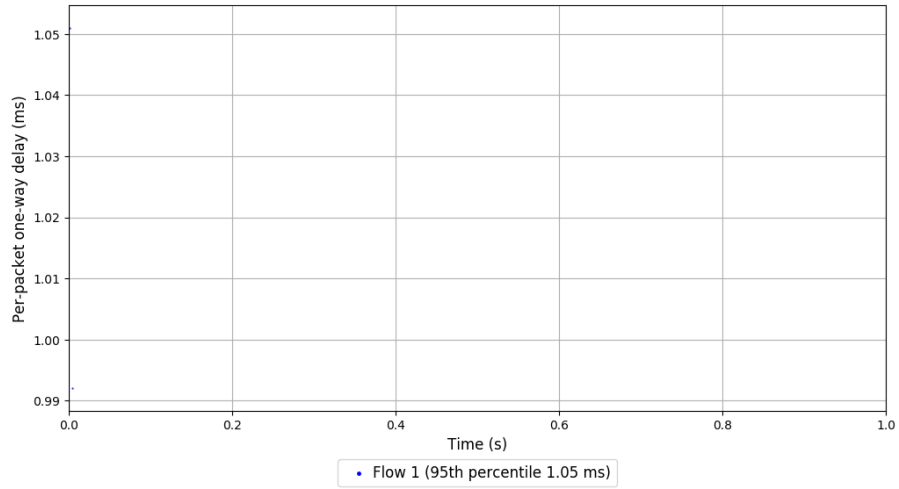
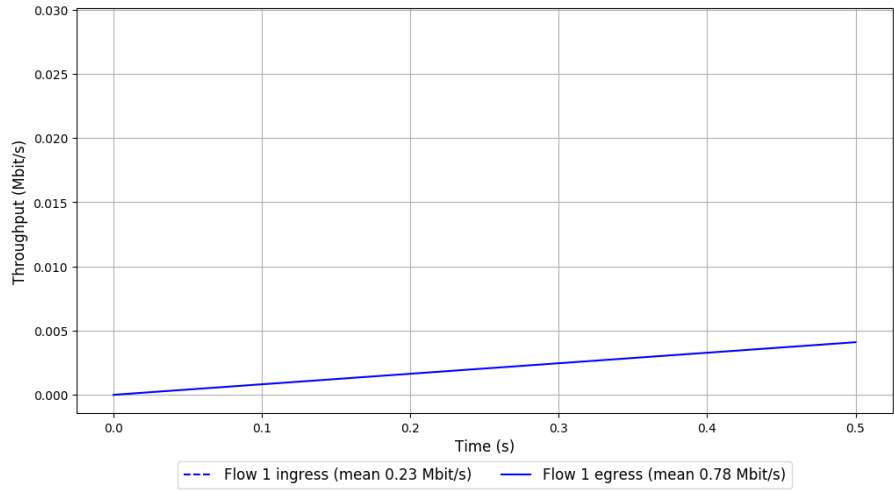
Start at: 2019-05-29 20:33:18

End at: 2019-05-29 20:33:48

Local clock offset: 6.347 ms

Remote clock offset: 0.481 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

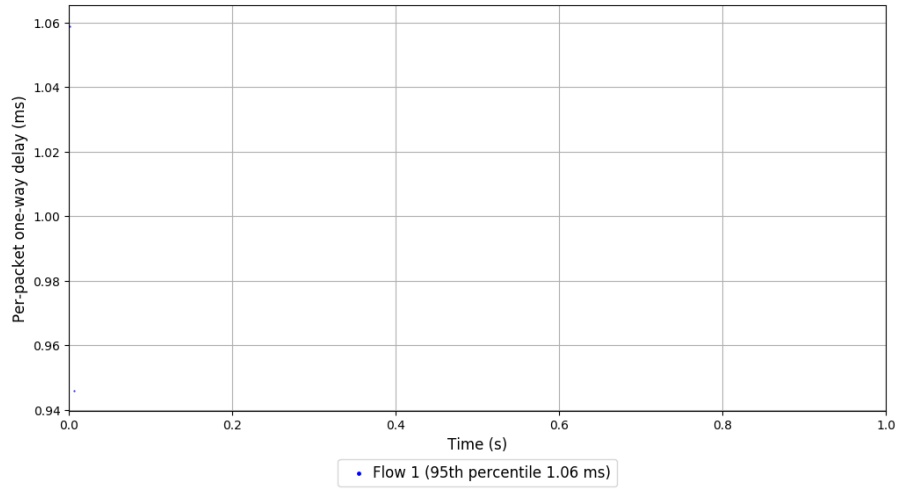
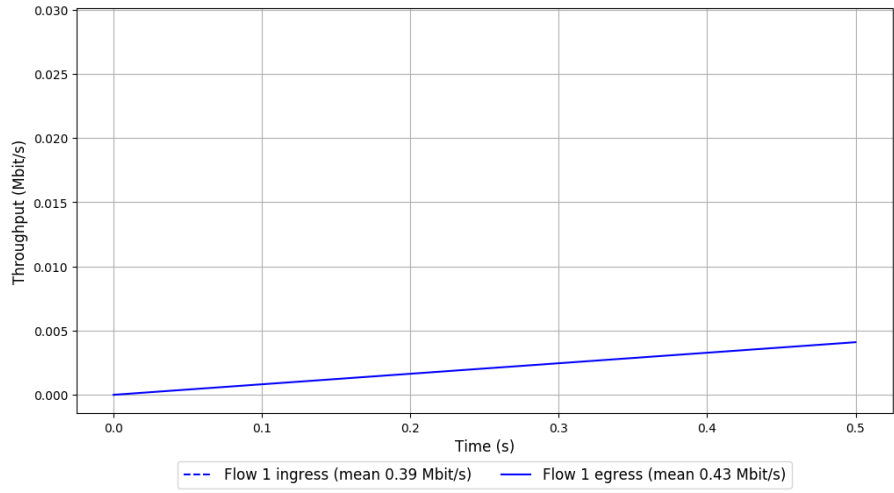
Start at: 2019-05-29 21:01:54

End at: 2019-05-29 21:02:24

Local clock offset: 5.652 ms

Remote clock offset: -3.44 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

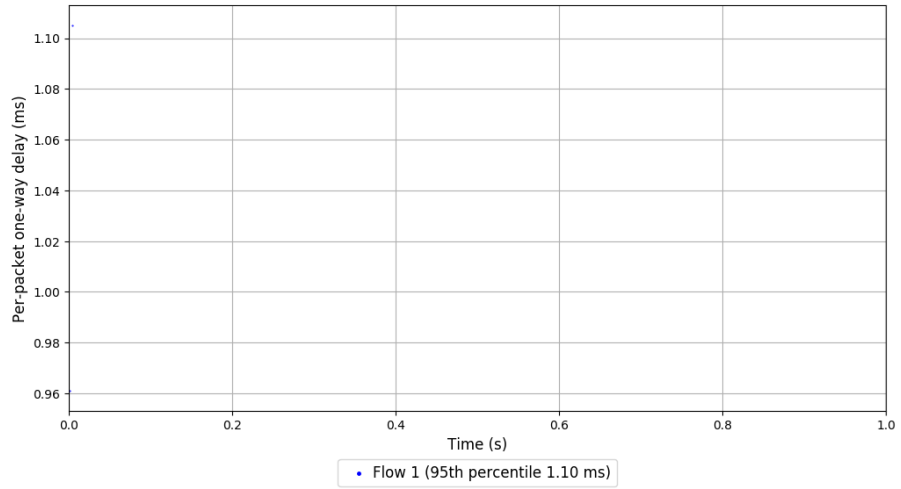
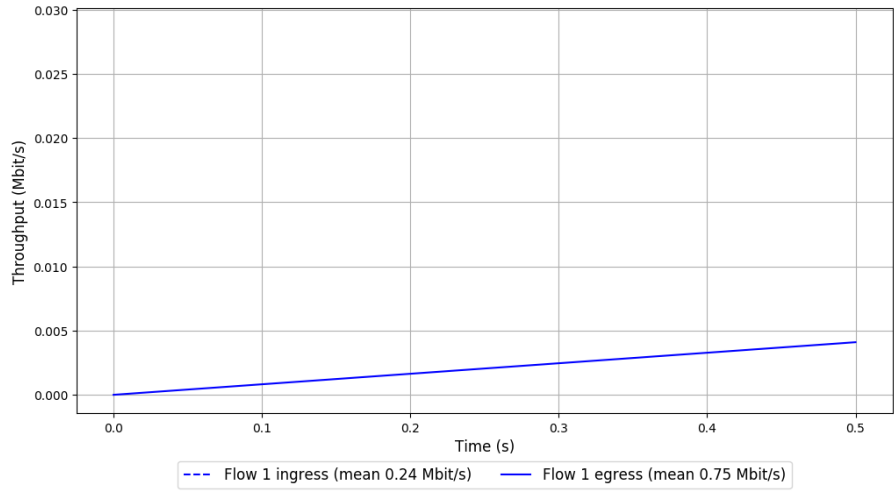
Start at: 2019-05-29 21:30:05

End at: 2019-05-29 21:30:35

Local clock offset: 4.248 ms

Remote clock offset: -3.347 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-05-29 19:56:22

End at: 2019-05-29 19:56:53

Local clock offset: 5.975 ms

Remote clock offset: -2.454 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.09 Mbit/s

95th percentile per-packet one-way delay: 0.954 ms

Loss rate: 0.01%

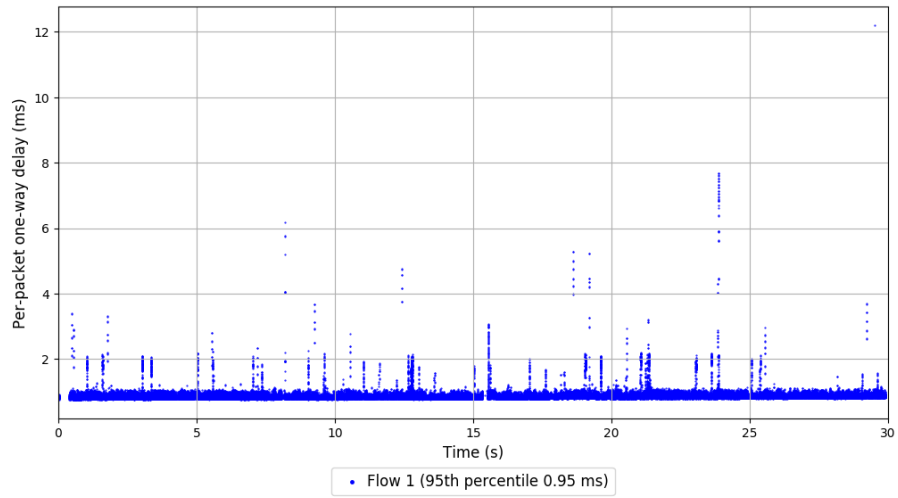
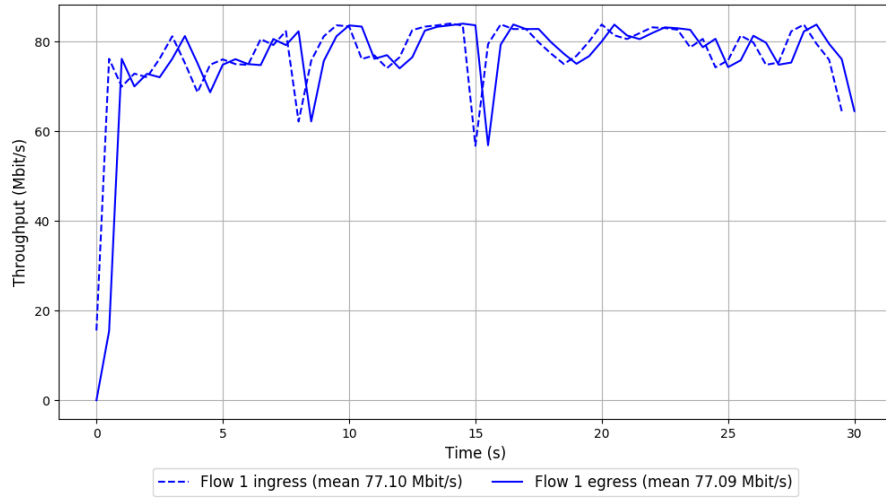
-- Flow 1:

Average throughput: 77.09 Mbit/s

95th percentile per-packet one-way delay: 0.954 ms

Loss rate: 0.01%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-05-29 20:24:58

End at: 2019-05-29 20:25:28

Local clock offset: 6.211 ms

Remote clock offset: -0.093 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.72 Mbit/s

95th percentile per-packet one-way delay: 0.934 ms

Loss rate: 0.01%

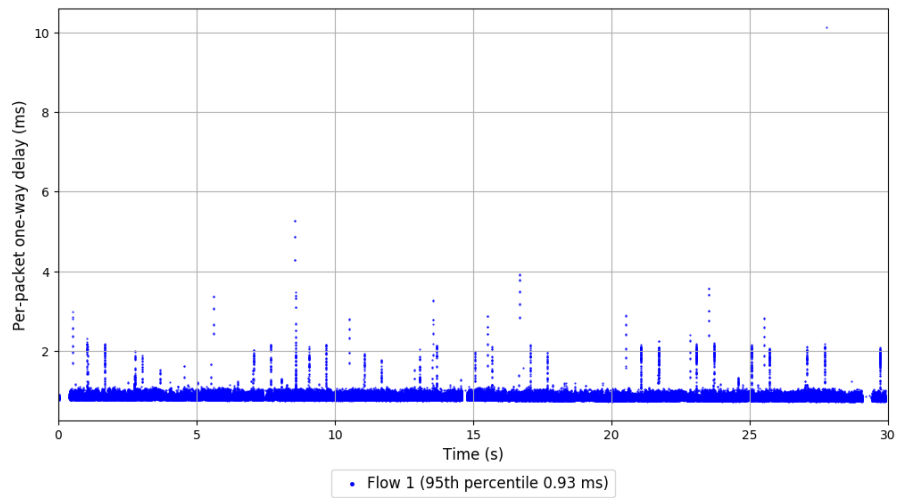
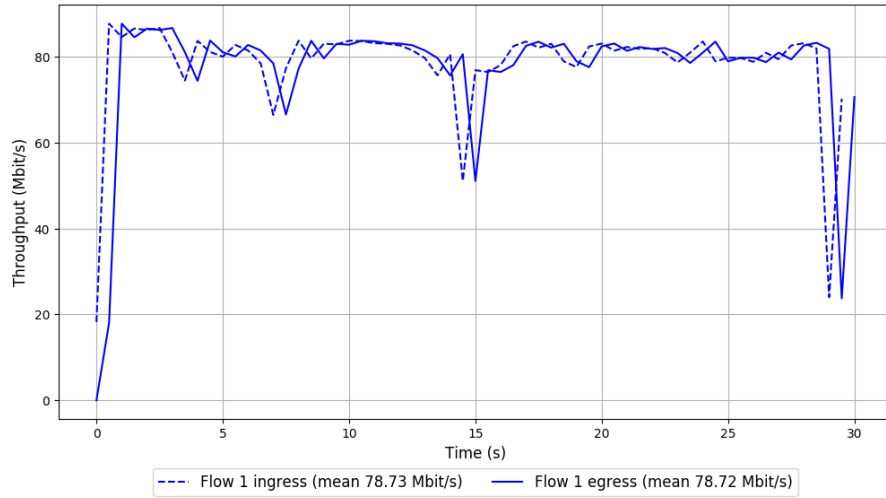
-- Flow 1:

Average throughput: 78.72 Mbit/s

95th percentile per-packet one-way delay: 0.934 ms

Loss rate: 0.01%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-05-29 20:53:38

End at: 2019-05-29 20:54:08

Local clock offset: 5.666 ms

Remote clock offset: -2.04 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.42 Mbit/s

95th percentile per-packet one-way delay: 1.012 ms

Loss rate: 0.02%

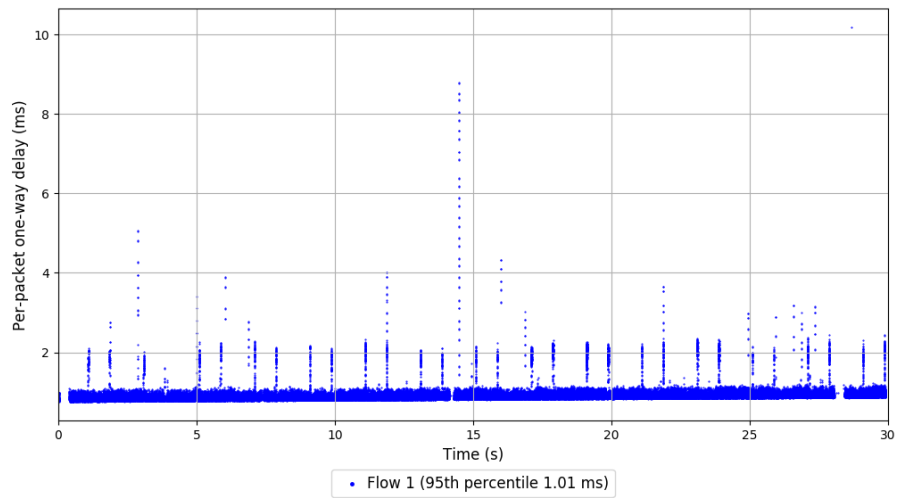
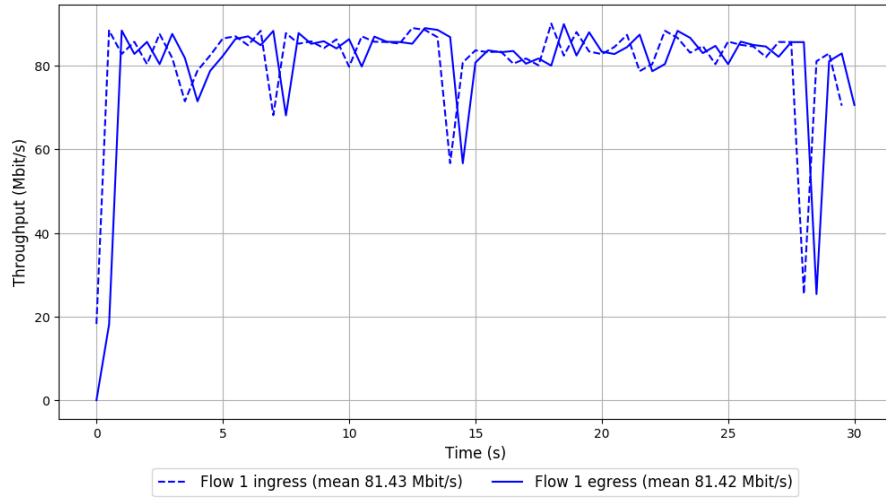
-- Flow 1:

Average throughput: 81.42 Mbit/s

95th percentile per-packet one-way delay: 1.012 ms

Loss rate: 0.02%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-05-29 21:21:50

End at: 2019-05-29 21:22:20

Local clock offset: 4.491 ms

Remote clock offset: -4.076 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.92 Mbit/s

95th percentile per-packet one-way delay: 0.926 ms

Loss rate: 0.02%

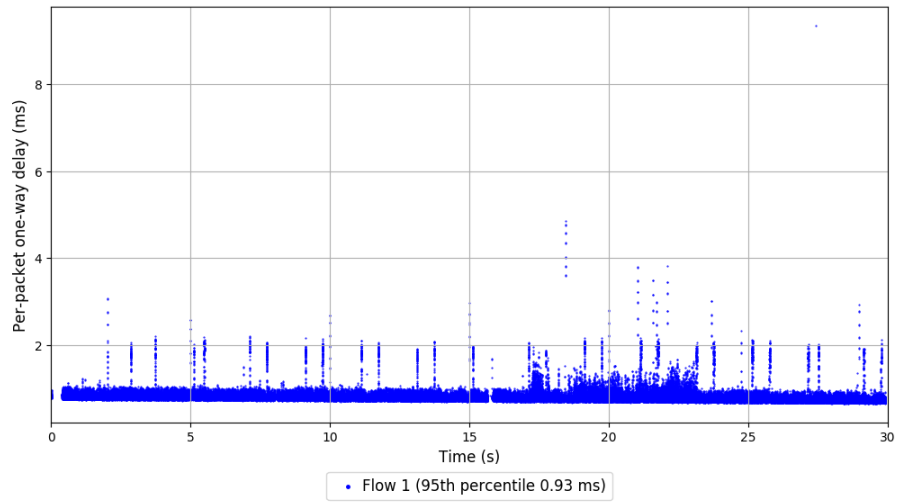
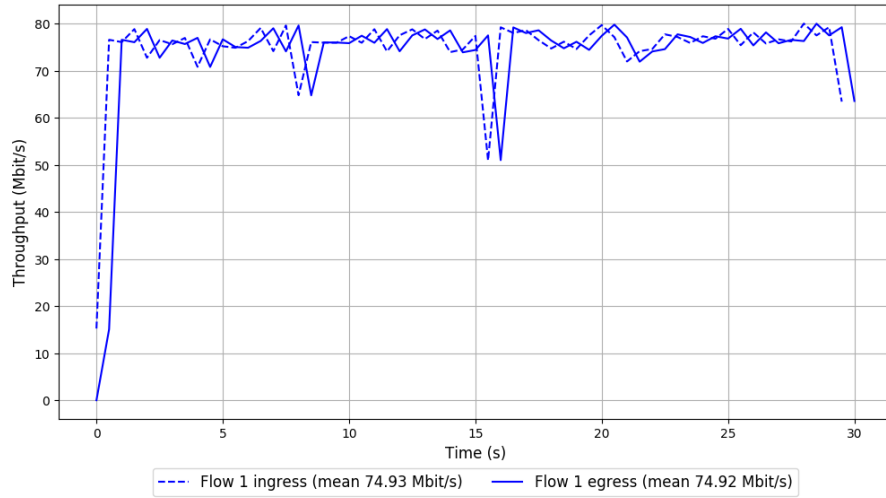
-- Flow 1:

Average throughput: 74.92 Mbit/s

95th percentile per-packet one-way delay: 0.926 ms

Loss rate: 0.02%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-05-29 21:50:28

End at: 2019-05-29 21:50:58

Local clock offset: 3.926 ms

Remote clock offset: -2.907 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.35 Mbit/s

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

Loss rate: 0.00%

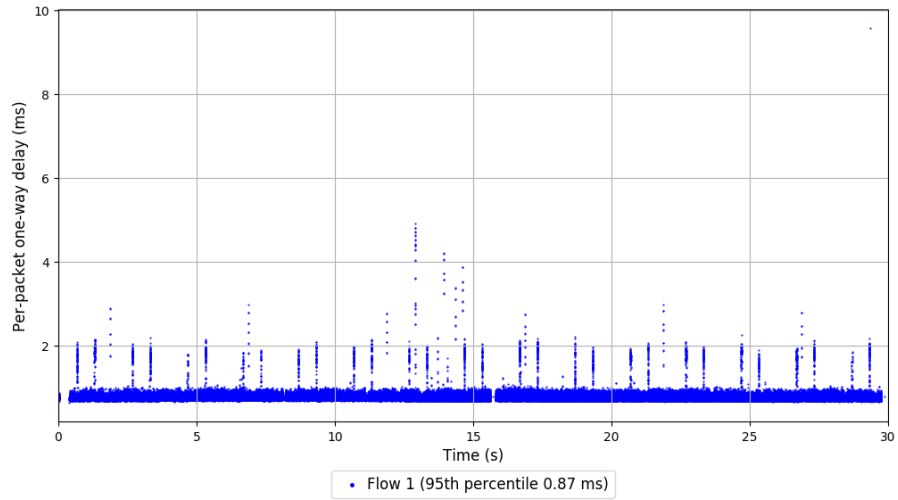
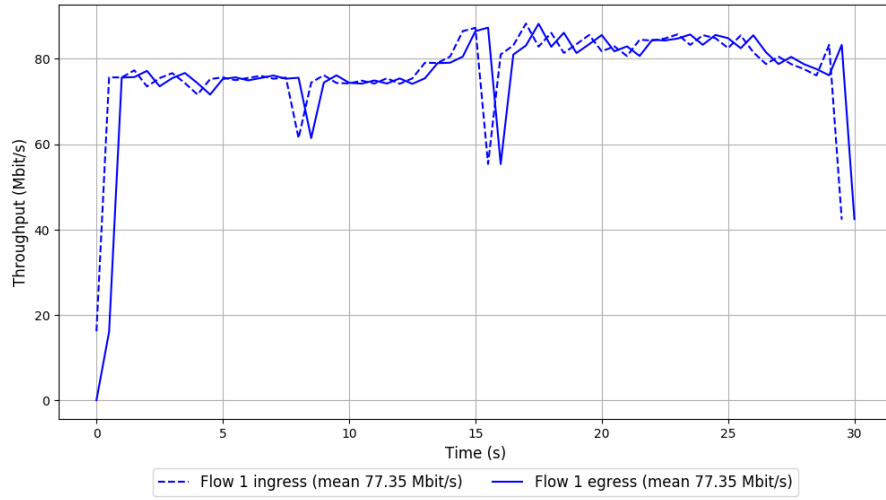
-- Flow 1:

Average throughput: 77.35 Mbit/s

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

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2019-05-29 19:30:14

End at: 2019-05-29 19:30:44

Local clock offset: 5.82 ms

Remote clock offset: 1.631 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.253 ms

Loss rate: 0.00%

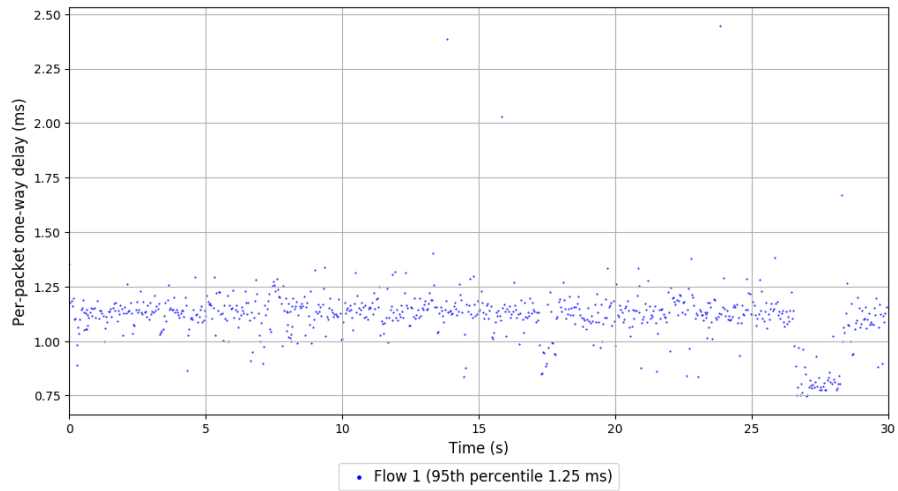
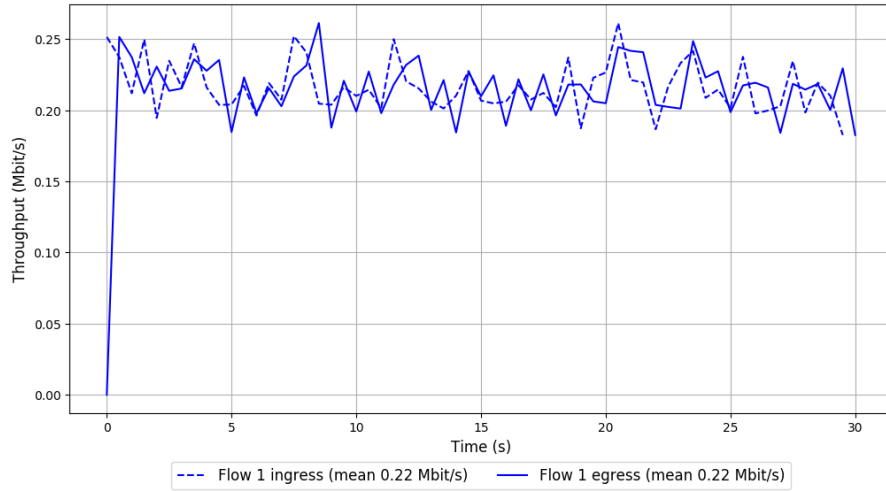
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.253 ms

Loss rate: 0.00%

Run 1: Report of SCReAM — Data Link

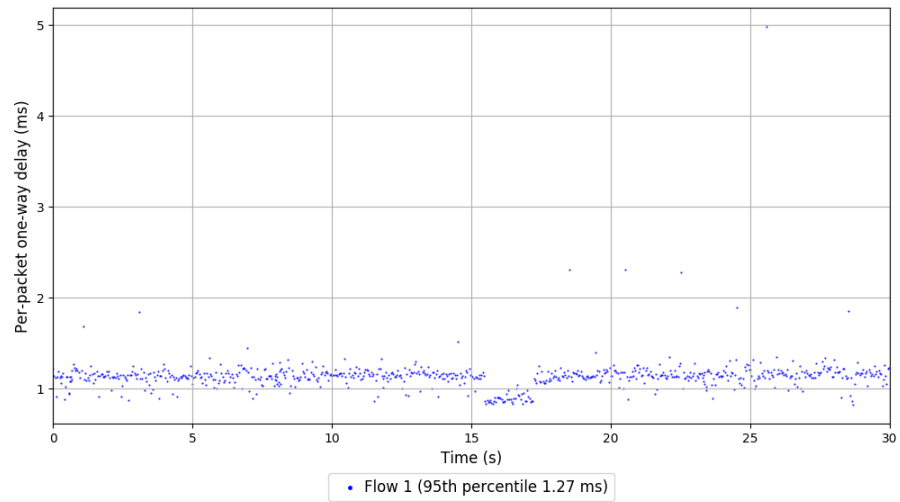
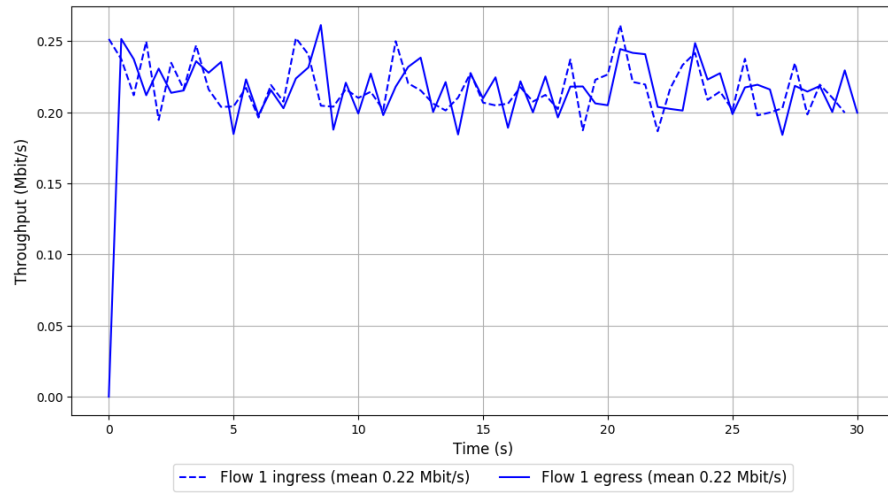


Run 2: Statistics of SCReAM

Start at: 2019-05-29 19:58:55
End at: 2019-05-29 19:59:25
Local clock offset: 6.002 ms
Remote clock offset: -2.612 ms

Below is generated by plot.py at 2019-05-29 22:38:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.271 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.271 ms
Loss rate: 0.00%

Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-05-29 20:27:31

End at: 2019-05-29 20:28:01

Local clock offset: 6.267 ms

Remote clock offset: 0.151 ms

Below is generated by plot.py at 2019-05-29 22:38:06

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%

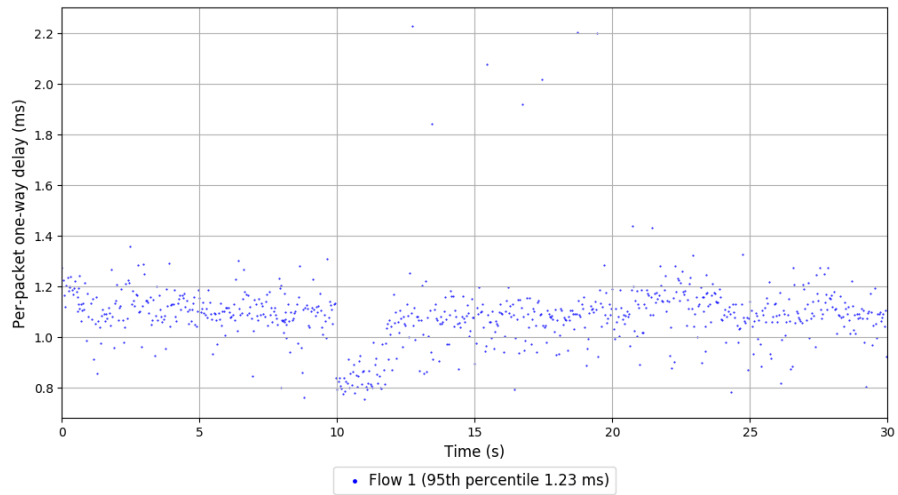
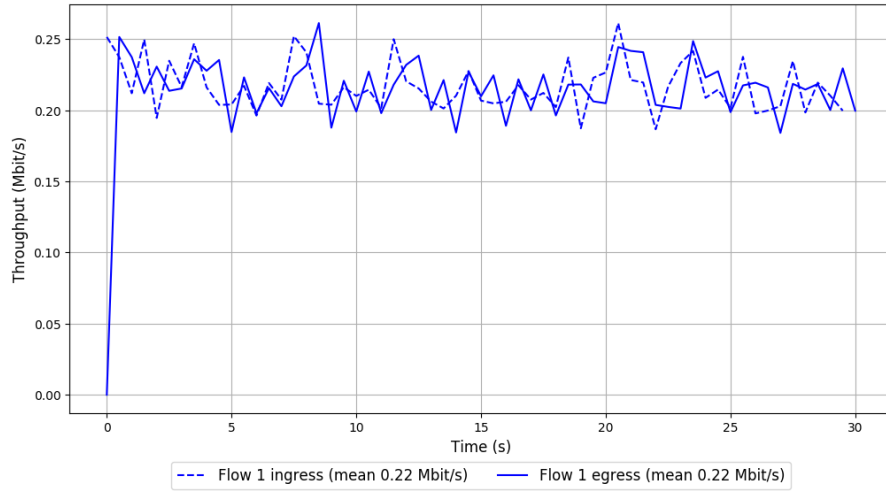
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 3: Report of SCReAM — Data Link

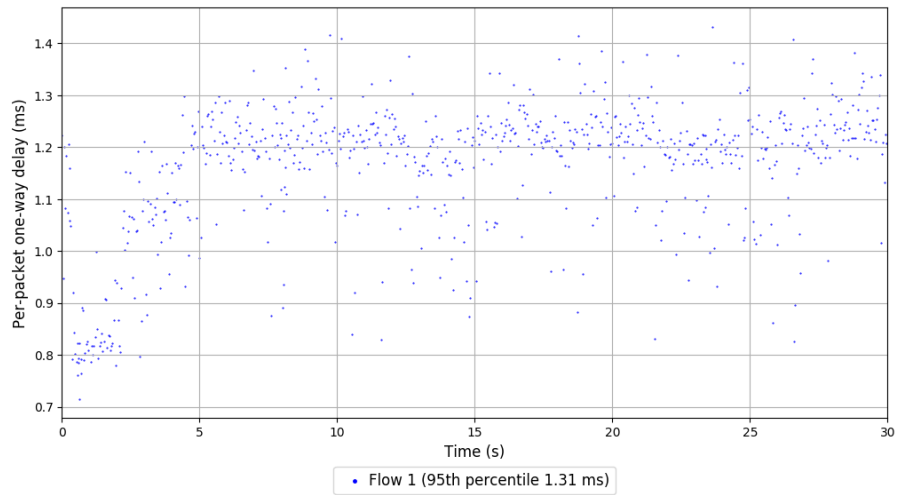
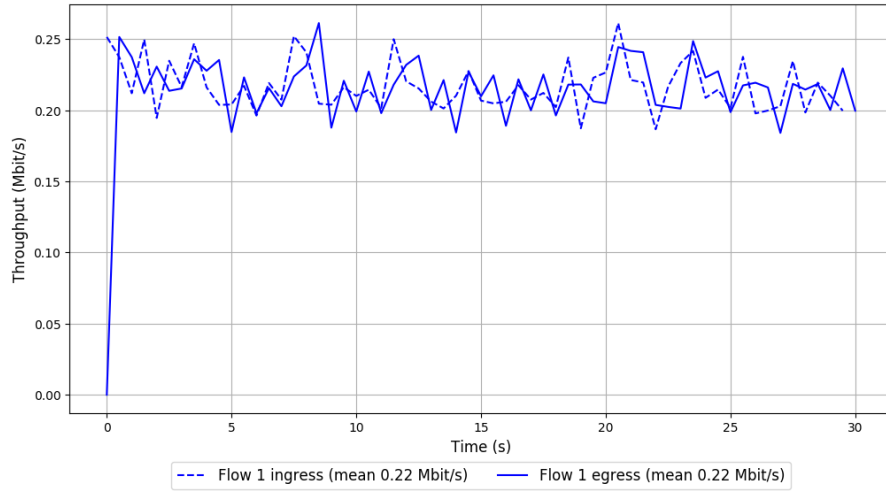


Run 4: Statistics of SCReAM

Start at: 2019-05-29 20:56:10
End at: 2019-05-29 20:56:40
Local clock offset: 5.634 ms
Remote clock offset: -2.608 ms

Below is generated by plot.py at 2019-05-29 22:38:06
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 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-05-29 21:24:21

End at: 2019-05-29 21:24:51

Local clock offset: 4.412 ms

Remote clock offset: -3.851 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.167 ms

Loss rate: 0.00%

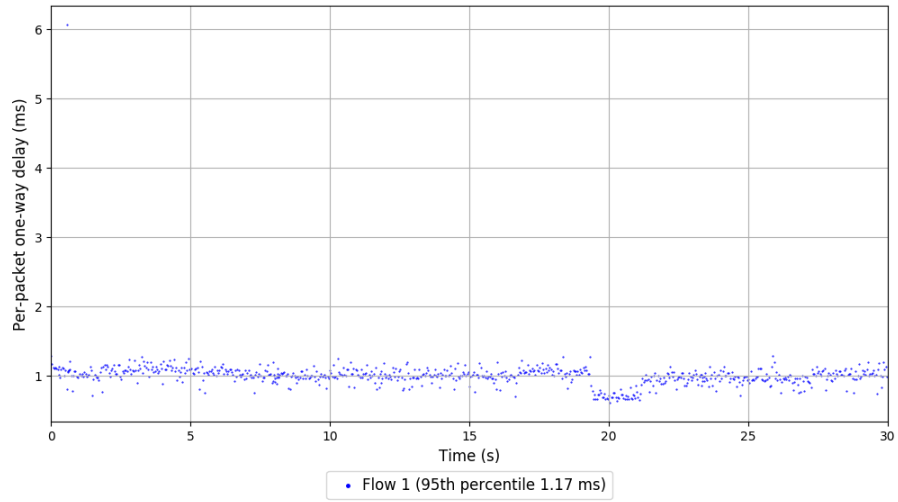
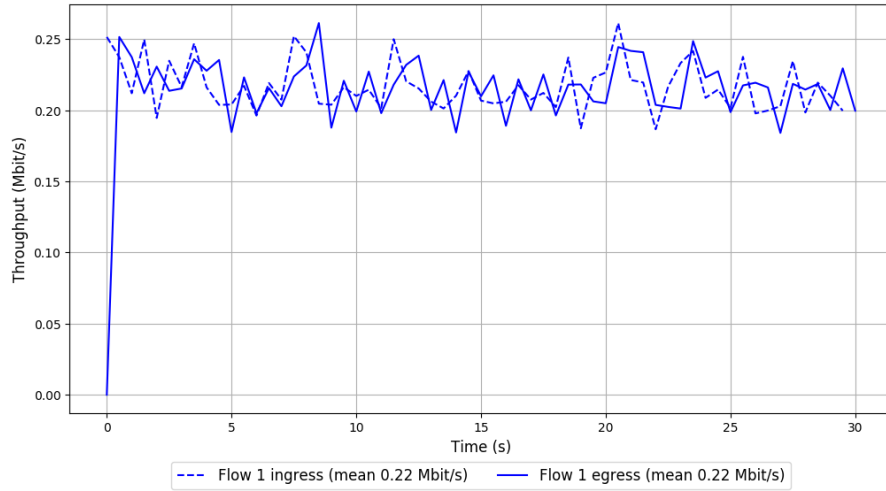
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.167 ms

Loss rate: 0.00%

Run 5: Report of SCReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-05-29 19:38:43

End at: 2019-05-29 19:39:13

Local clock offset: 5.971 ms

Remote clock offset: 1.178 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.03 Mbit/s

95th percentile per-packet one-way delay: 4.398 ms

Loss rate: 0.07%

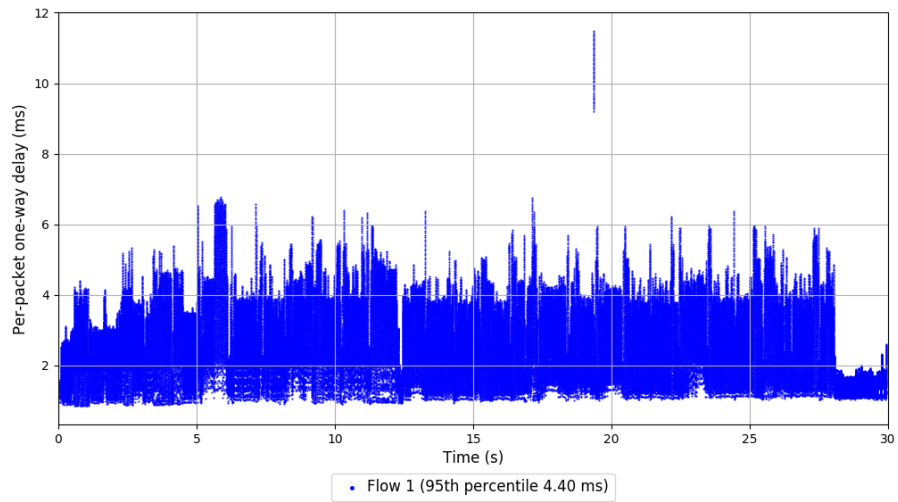
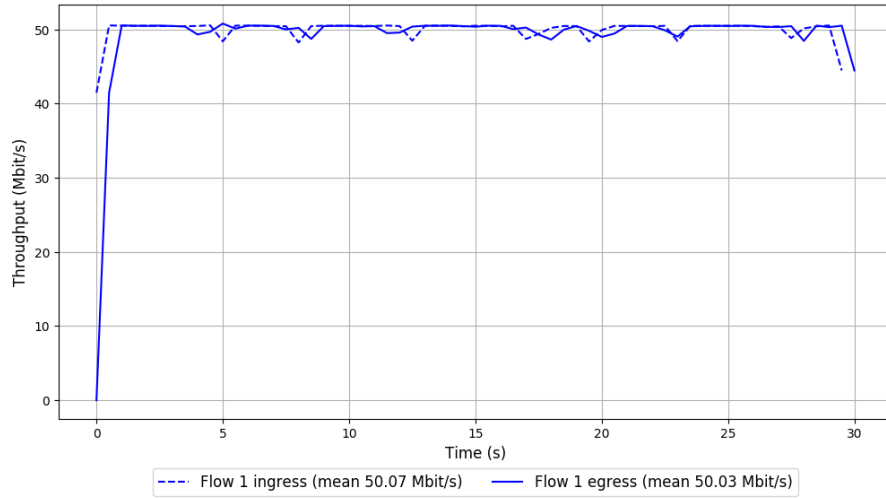
-- Flow 1:

Average throughput: 50.03 Mbit/s

95th percentile per-packet one-way delay: 4.398 ms

Loss rate: 0.07%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2019-05-29 20:07:18

End at: 2019-05-29 20:07:48

Local clock offset: 6.198 ms

Remote clock offset: -2.974 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.82 Mbit/s

95th percentile per-packet one-way delay: 3.847 ms

Loss rate: 0.29%

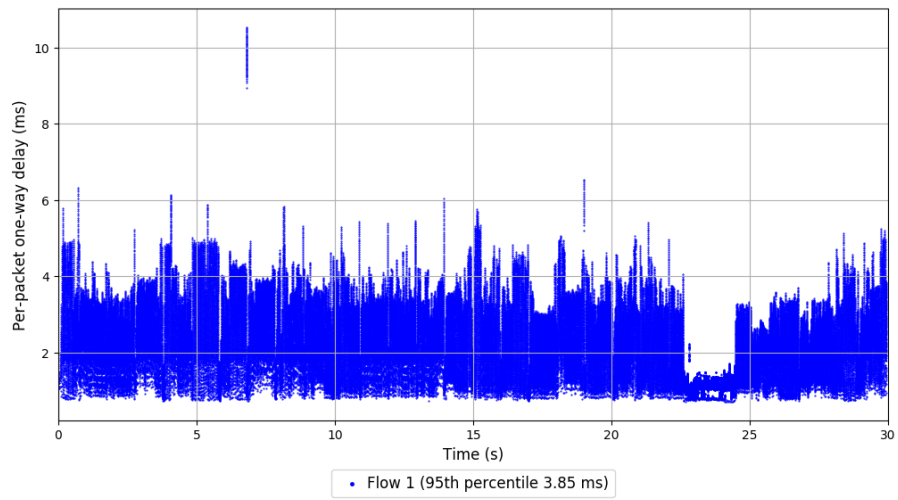
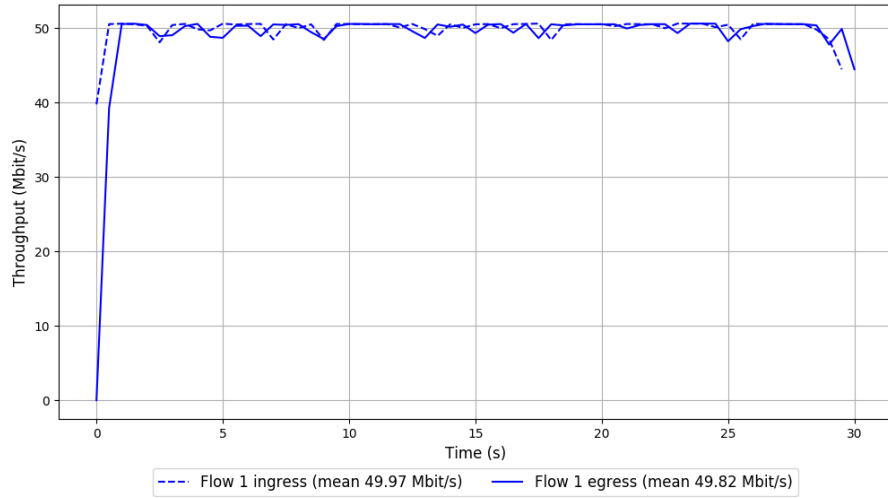
-- Flow 1:

Average throughput: 49.82 Mbit/s

95th percentile per-packet one-way delay: 3.847 ms

Loss rate: 0.29%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2019-05-29 20:35:59

End at: 2019-05-29 20:36:29

Local clock offset: 6.415 ms

Remote clock offset: 0.703 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.82 Mbit/s

95th percentile per-packet one-way delay: 4.011 ms

Loss rate: 0.32%

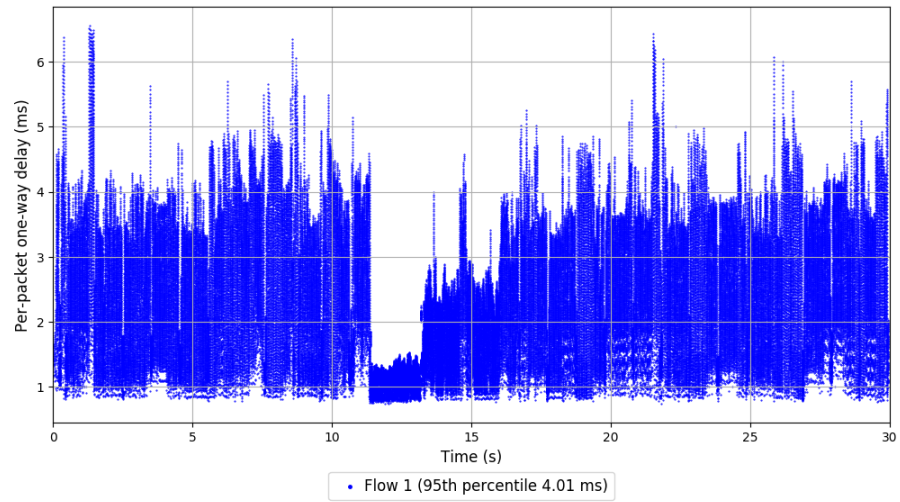
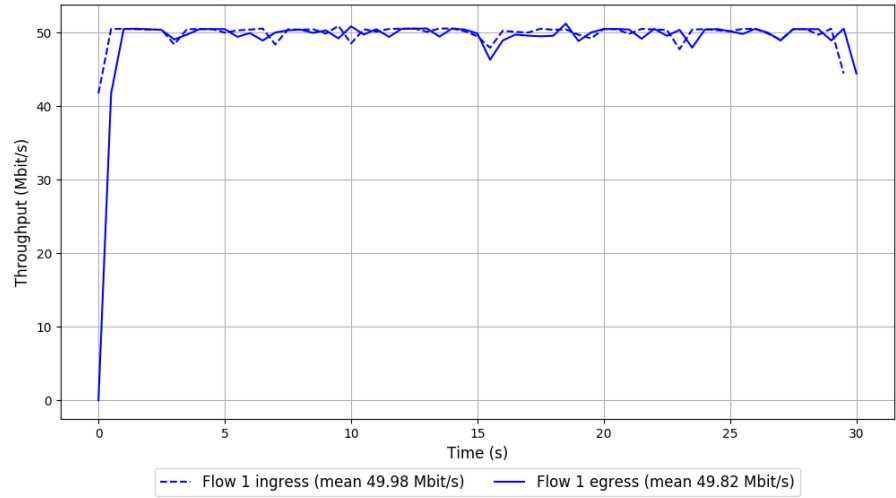
-- Flow 1:

Average throughput: 49.82 Mbit/s

95th percentile per-packet one-way delay: 4.011 ms

Loss rate: 0.32%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-05-29 21:04:31

End at: 2019-05-29 21:05:01

Local clock offset: 5.605 ms

Remote clock offset: -3.638 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.76 Mbit/s

95th percentile per-packet one-way delay: 4.471 ms

Loss rate: 0.34%

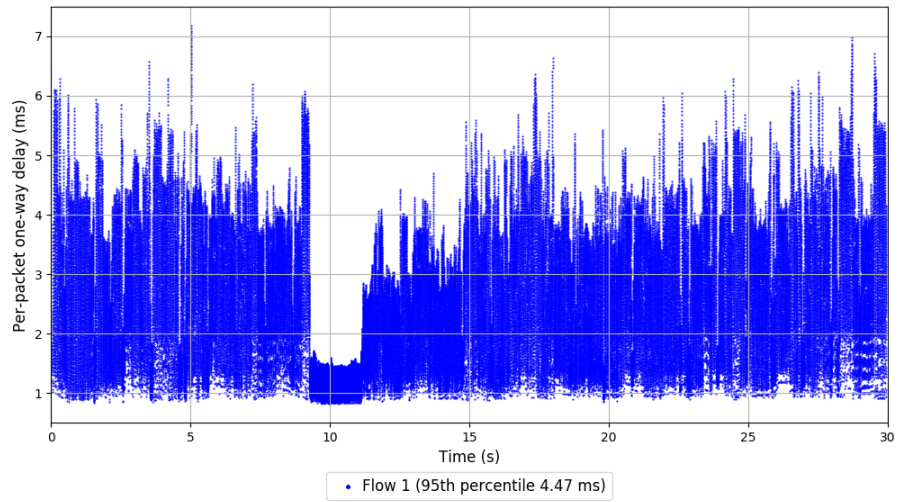
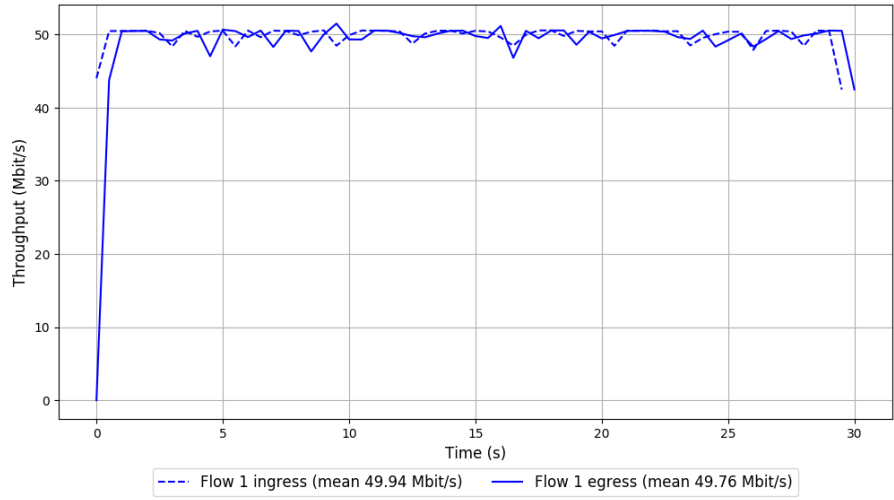
-- Flow 1:

Average throughput: 49.76 Mbit/s

95th percentile per-packet one-way delay: 4.471 ms

Loss rate: 0.34%

Run 4: Report of Sprout — Data Link

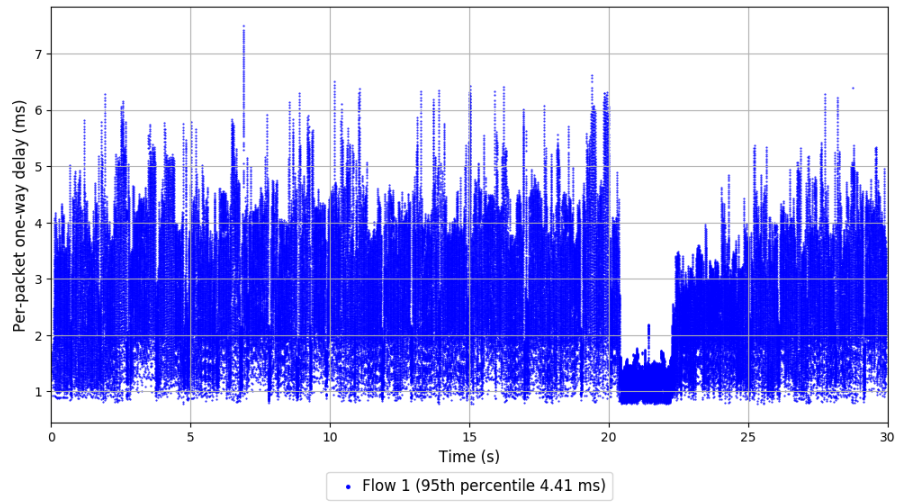
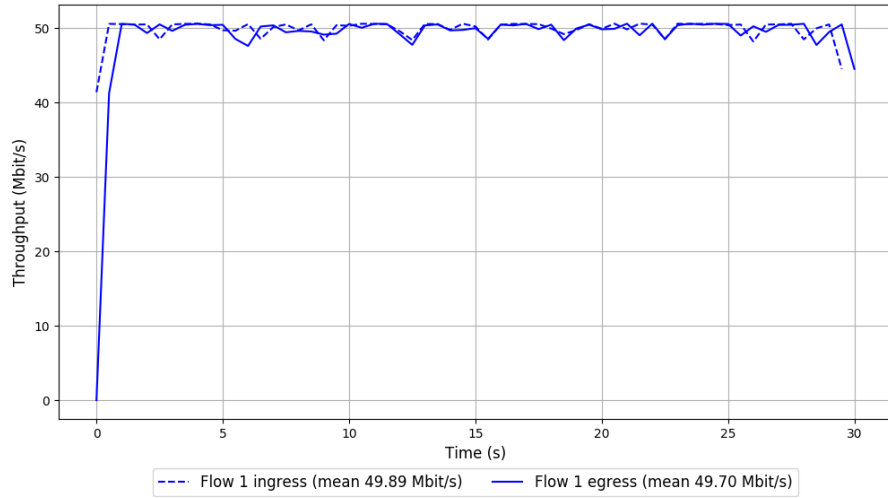


Run 5: Statistics of Sprout

Start at: 2019-05-29 21:32:50
End at: 2019-05-29 21:33:20
Local clock offset: 4.226 ms
Remote clock offset: -3.133 ms

Below is generated by plot.py at 2019-05-29 22:38:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.70 Mbit/s
95th percentile per-packet one-way delay: 4.408 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 49.70 Mbit/s
95th percentile per-packet one-way delay: 4.408 ms
Loss rate: 0.37%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-05-29 19:41:35

End at: 2019-05-29 19:42:05

Local clock offset: 5.903 ms

Remote clock offset: 0.024 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.23 Mbit/s

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

Loss rate: 82.42%

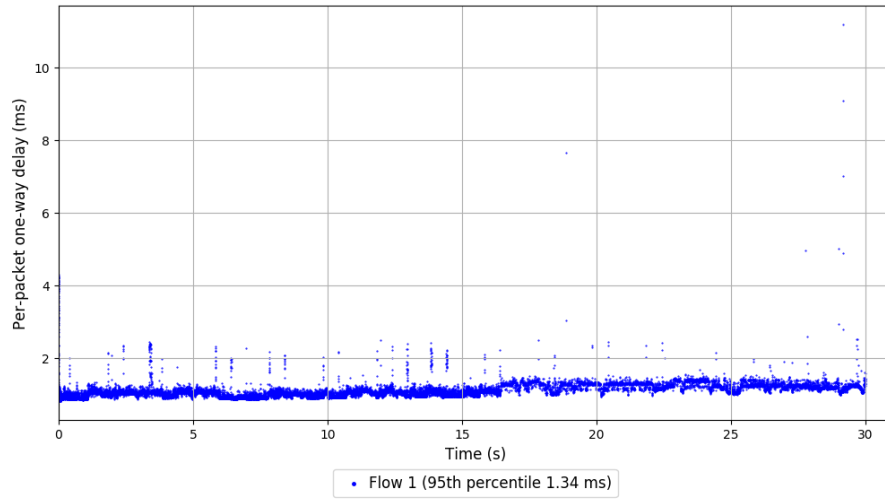
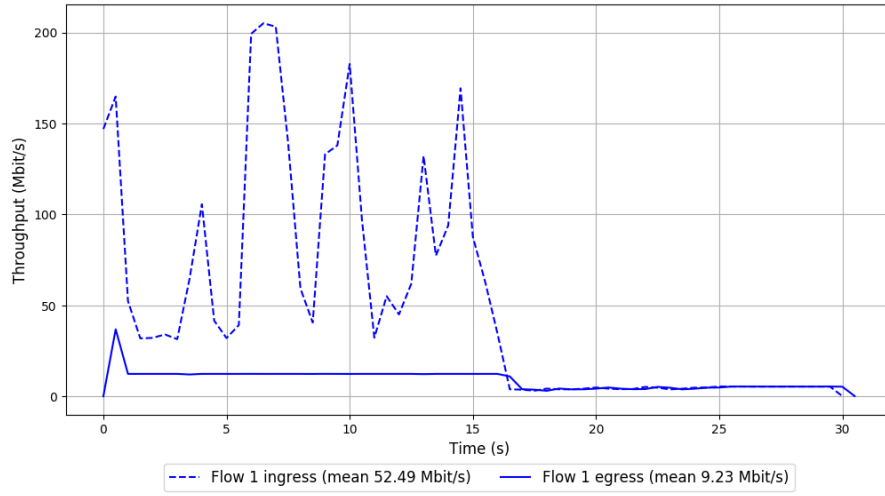
-- Flow 1:

Average throughput: 9.23 Mbit/s

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

Loss rate: 82.42%

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



Run 2: Statistics of TaoVA-100x

Start at: 2019-05-29 20:10:10

End at: 2019-05-29 20:10:40

Local clock offset: 6.147 ms

Remote clock offset: -3.0 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.00 Mbit/s

95th percentile per-packet one-way delay: 1.207 ms

Loss rate: 64.54%

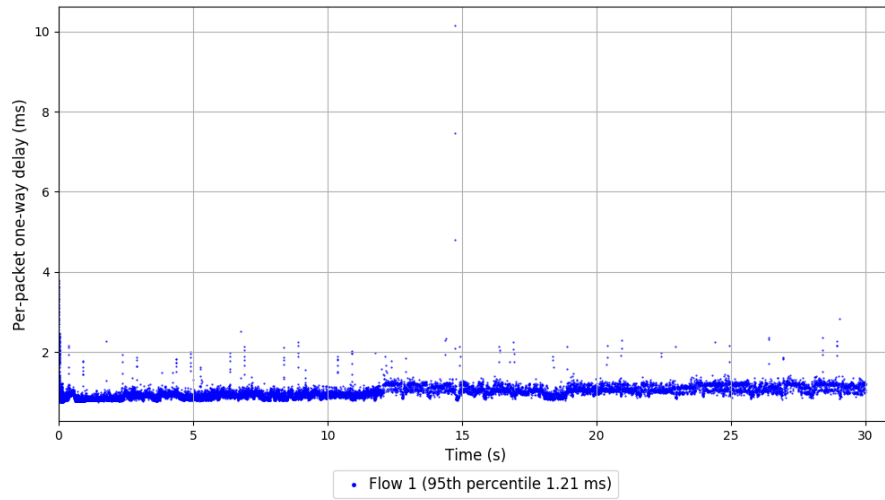
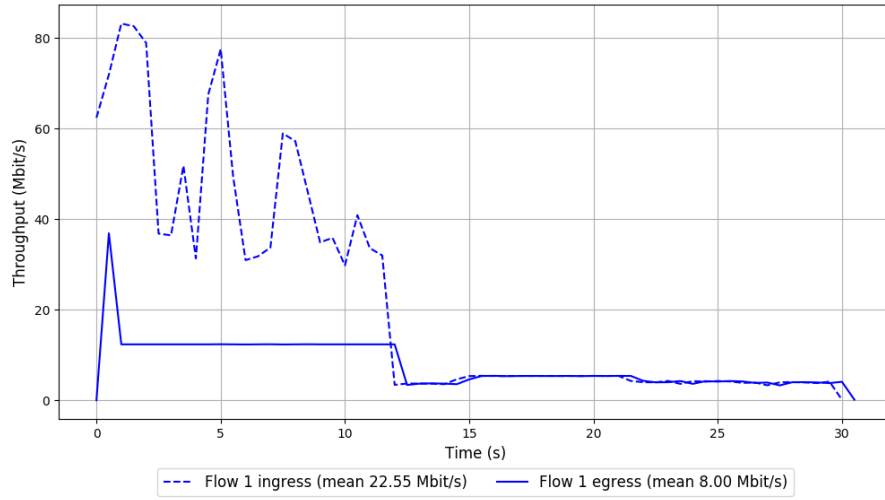
-- Flow 1:

Average throughput: 8.00 Mbit/s

95th percentile per-packet one-way delay: 1.207 ms

Loss rate: 64.54%

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



Run 3: Statistics of TaoVA-100x

Start at: 2019-05-29 20:38:47

End at: 2019-05-29 20:39:17

Local clock offset: 6.33 ms

Remote clock offset: 0.946 ms

Below is generated by plot.py at 2019-05-29 22:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.50 Mbit/s

95th percentile per-packet one-way delay: 1.189 ms

Loss rate: 55.34%

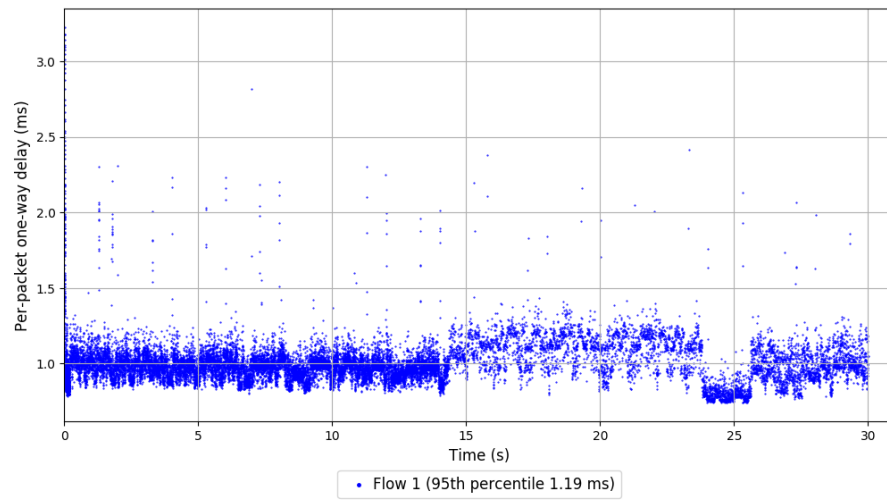
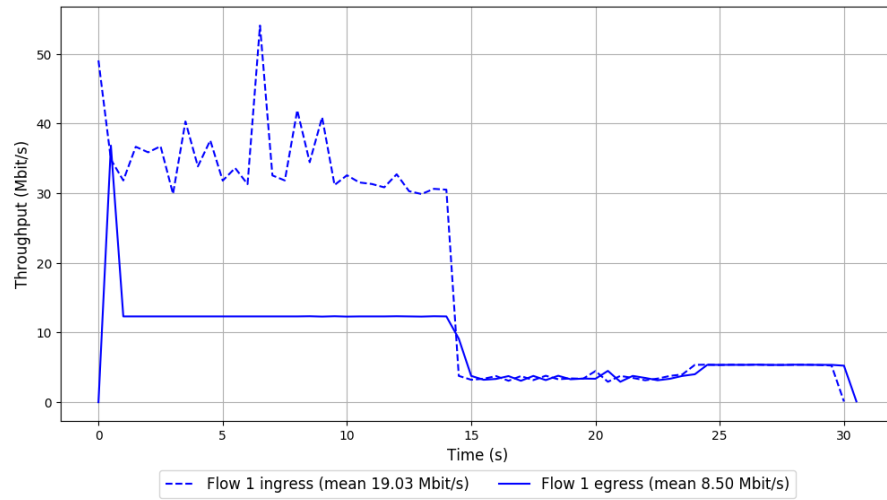
-- Flow 1:

Average throughput: 8.50 Mbit/s

95th percentile per-packet one-way delay: 1.189 ms

Loss rate: 55.34%

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



Run 4: Statistics of TaoVA-100x

Start at: 2019-05-29 21:07:23

End at: 2019-05-29 21:07:53

Local clock offset: 5.636 ms

Remote clock offset: -3.832 ms

Below is generated by plot.py at 2019-05-29 22:38:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.45 Mbit/s

95th percentile per-packet one-way delay: 1.252 ms

Loss rate: 0.03%

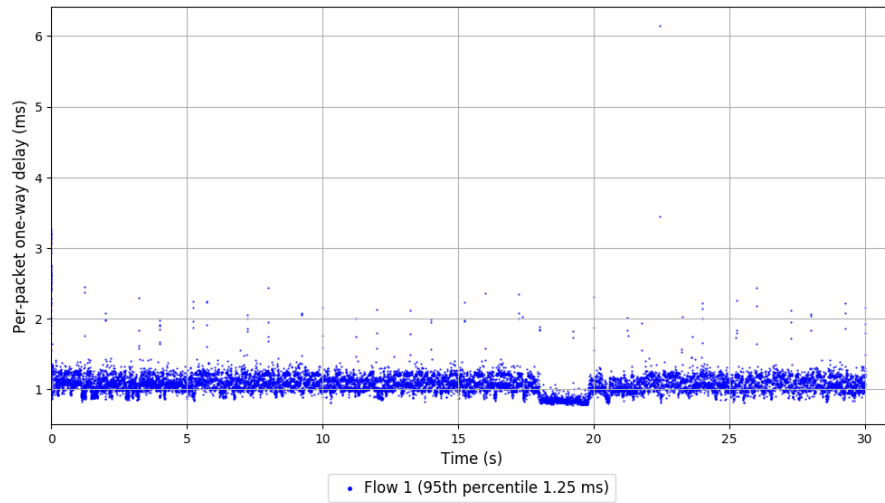
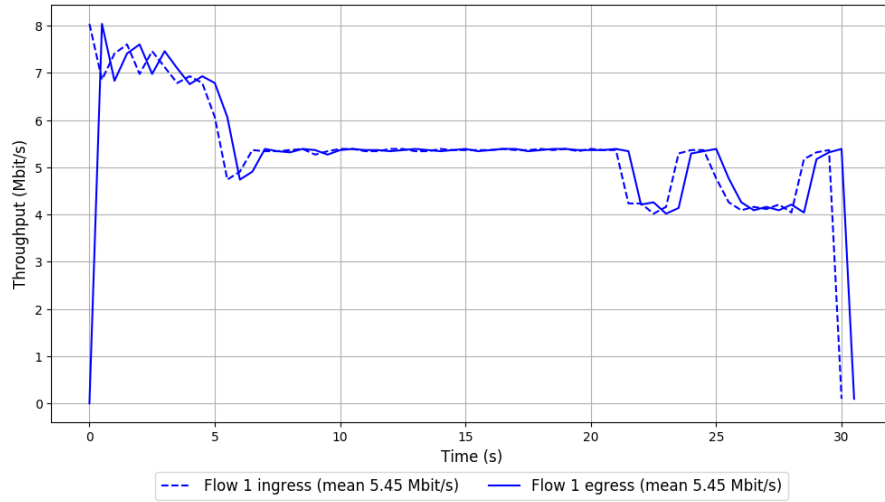
-- Flow 1:

Average throughput: 5.45 Mbit/s

95th percentile per-packet one-way delay: 1.252 ms

Loss rate: 0.03%

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



Run 5: Statistics of TaoVA-100x

Start at: 2019-05-29 21:35:42

End at: 2019-05-29 21:36:12

Local clock offset: 4.15 ms

Remote clock offset: -3.166 ms

Below is generated by plot.py at 2019-05-29 22:38:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.22 Mbit/s

95th percentile per-packet one-way delay: 1.013 ms

Loss rate: 77.66%

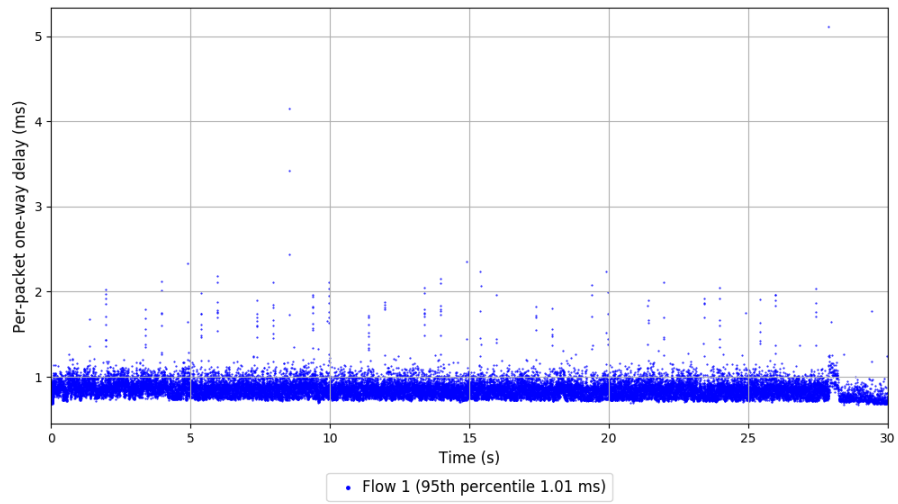
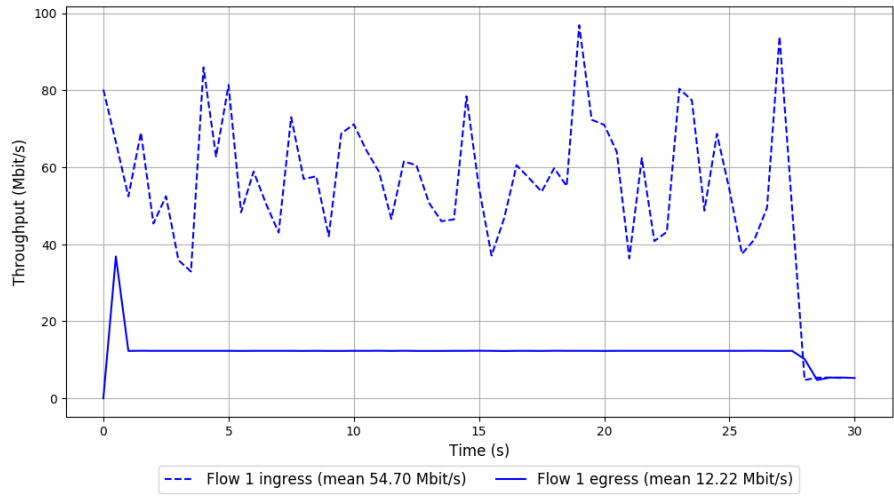
-- Flow 1:

Average throughput: 12.22 Mbit/s

95th percentile per-packet one-way delay: 1.013 ms

Loss rate: 77.66%

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



Run 1: Statistics of TCP Vegas

Start at: 2019-05-29 19:42:49
End at: 2019-05-29 19:43:19
Local clock offset: 5.881 ms
Remote clock offset: -0.375 ms

Below is generated by plot.py at 2019-05-29 22:38:07

Datalink statistics

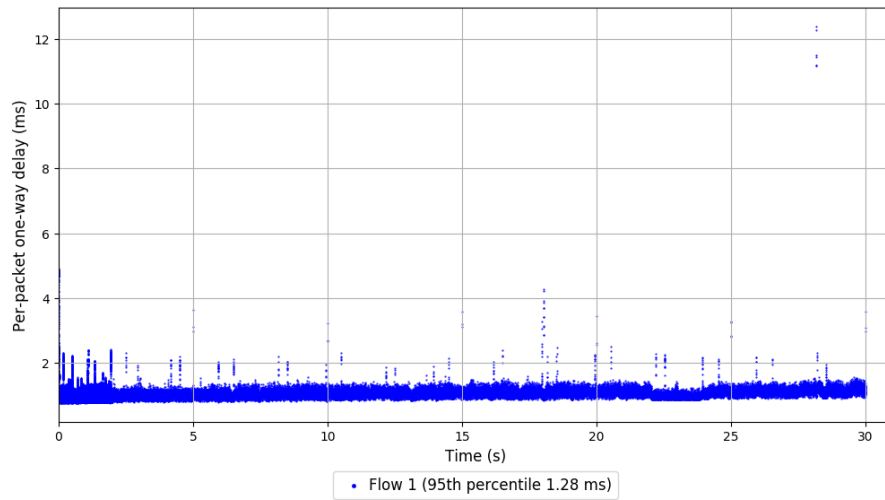
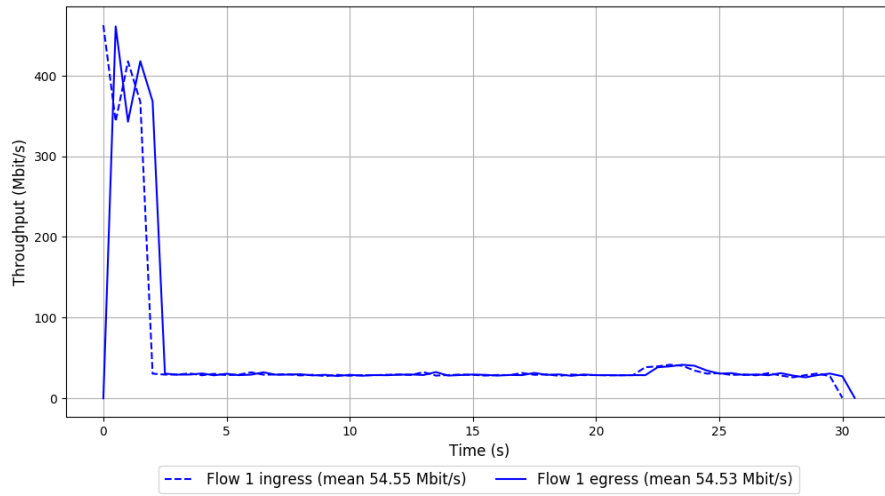
-- Total of 1 flow:

Average throughput: 54.53 Mbit/s
95th percentile per-packet one-way delay: 1.279 ms
Loss rate: 0.03%

-- Flow 1:

Average throughput: 54.53 Mbit/s
95th percentile per-packet one-way delay: 1.279 ms
Loss rate: 0.03%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-05-29 20:11:24

End at: 2019-05-29 20:11:54

Local clock offset: 6.11 ms

Remote clock offset: -3.04 ms

Below is generated by plot.py at 2019-05-29 22:38:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 169.72 Mbit/s

95th percentile per-packet one-way delay: 1.443 ms

Loss rate: 0.02%

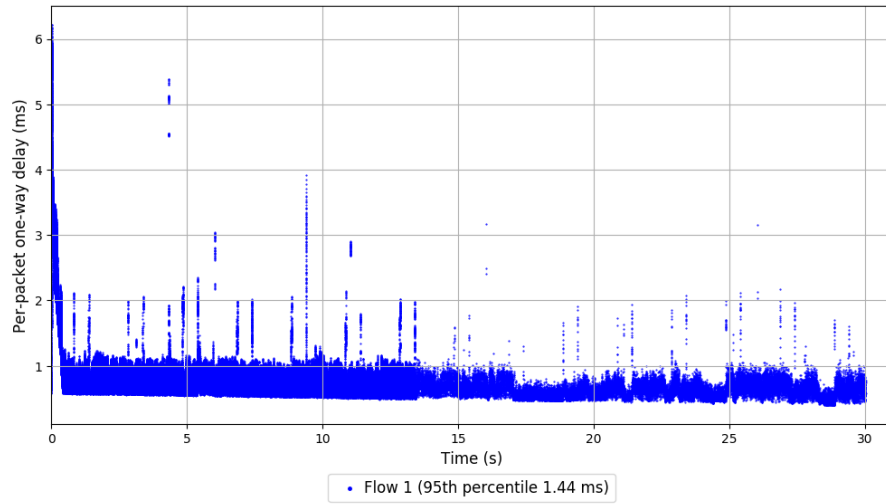
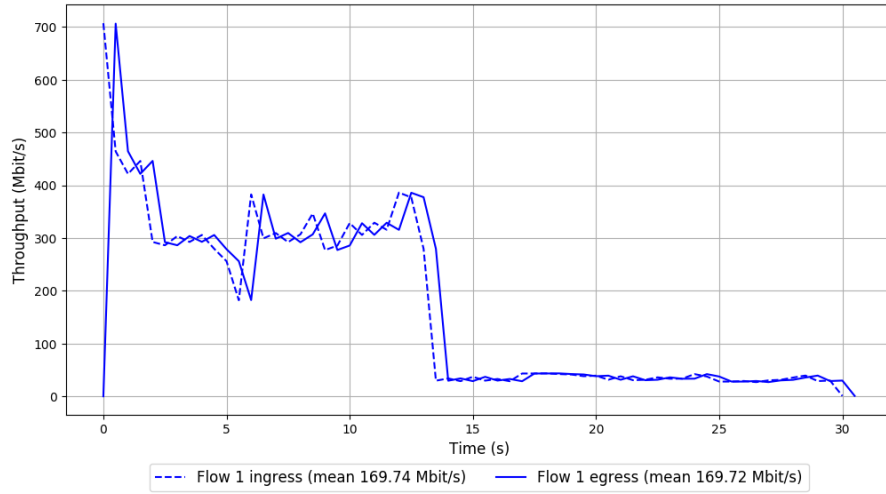
-- Flow 1:

Average throughput: 169.72 Mbit/s

95th percentile per-packet one-way delay: 1.443 ms

Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-05-29 20:40:00

End at: 2019-05-29 20:40:30

Local clock offset: 6.235 ms

Remote clock offset: 0.944 ms

Below is generated by plot.py at 2019-05-29 22:38:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.96 Mbit/s

95th percentile per-packet one-way delay: 1.106 ms

Loss rate: 0.04%

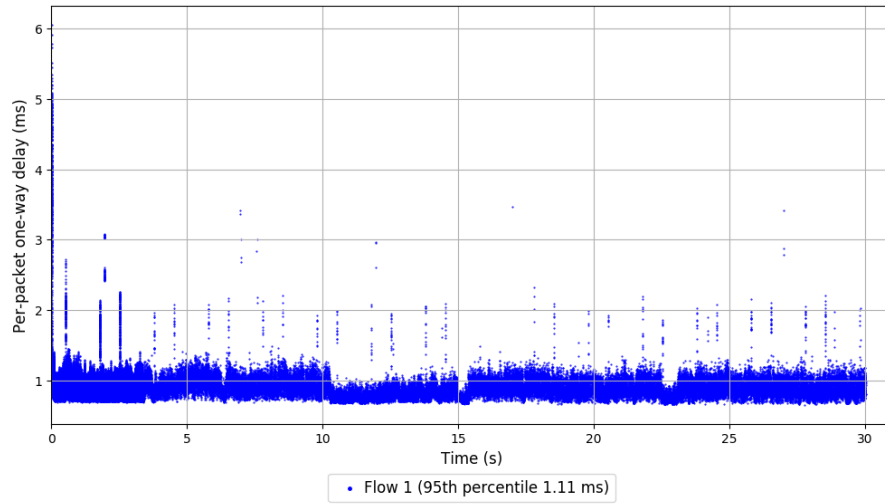
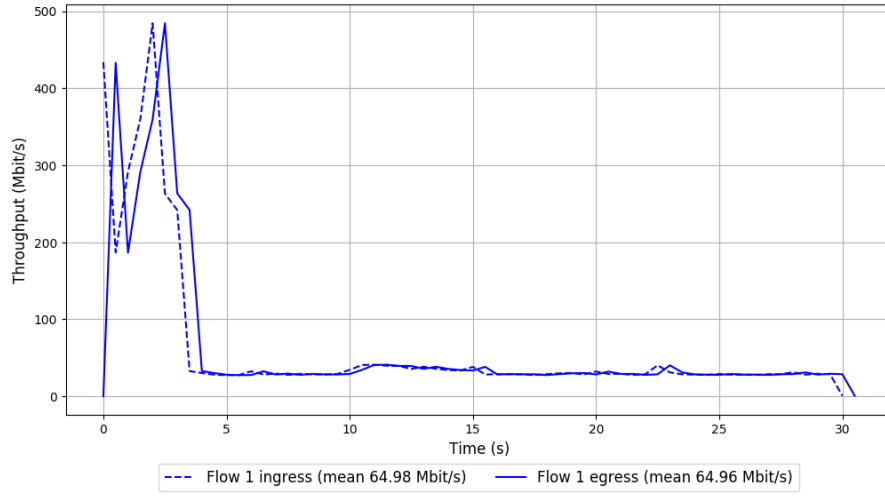
-- Flow 1:

Average throughput: 64.96 Mbit/s

95th percentile per-packet one-way delay: 1.106 ms

Loss rate: 0.04%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-05-29 21:08:36

End at: 2019-05-29 21:09:06

Local clock offset: 5.506 ms

Remote clock offset: -3.951 ms

Below is generated by plot.py at 2019-05-29 22:38:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.46 Mbit/s

95th percentile per-packet one-way delay: 2.268 ms

Loss rate: 0.02%

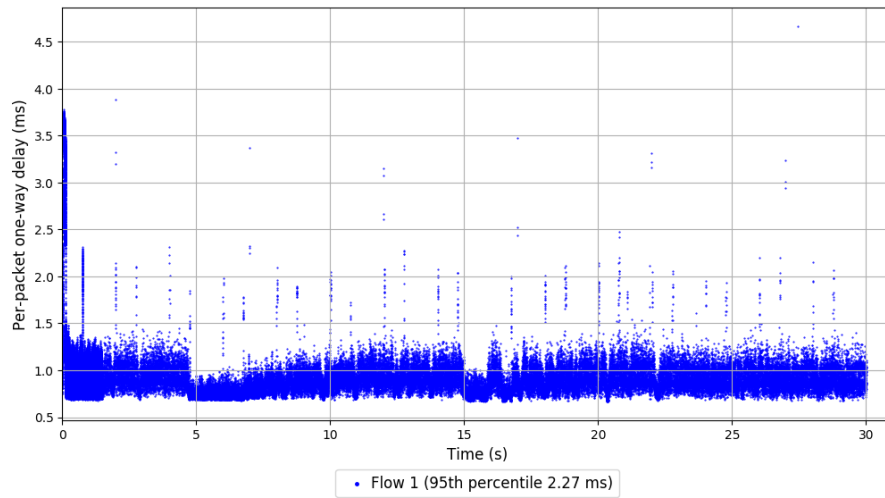
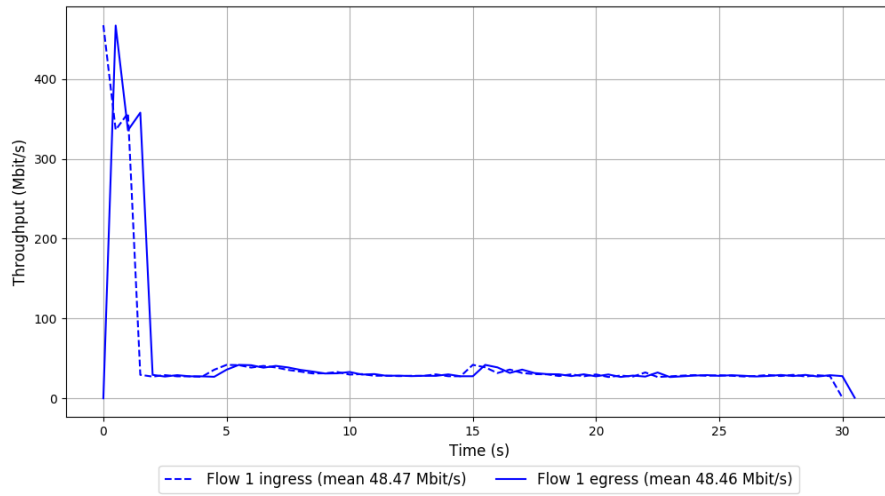
-- Flow 1:

Average throughput: 48.46 Mbit/s

95th percentile per-packet one-way delay: 2.268 ms

Loss rate: 0.02%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-05-29 21:36:56

End at: 2019-05-29 21:37:26

Local clock offset: 4.153 ms

Remote clock offset: -3.079 ms

Below is generated by plot.py at 2019-05-29 22:38:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.63 Mbit/s

95th percentile per-packet one-way delay: 1.172 ms

Loss rate: 0.02%

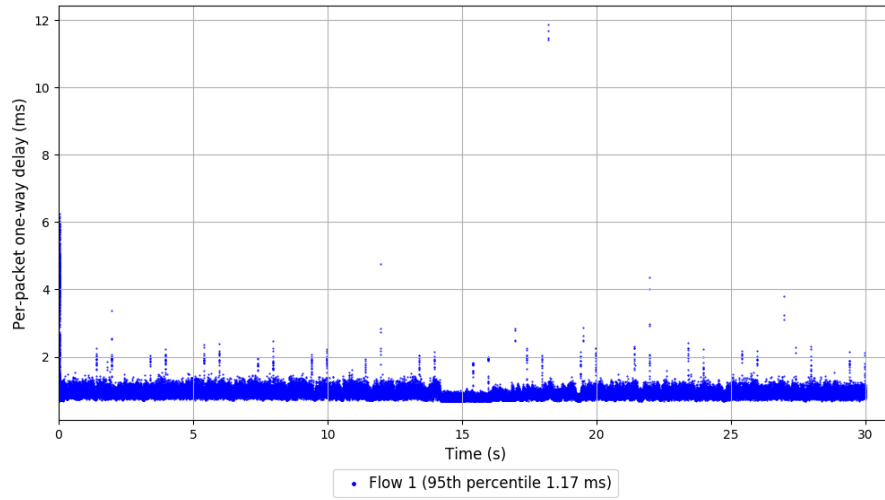
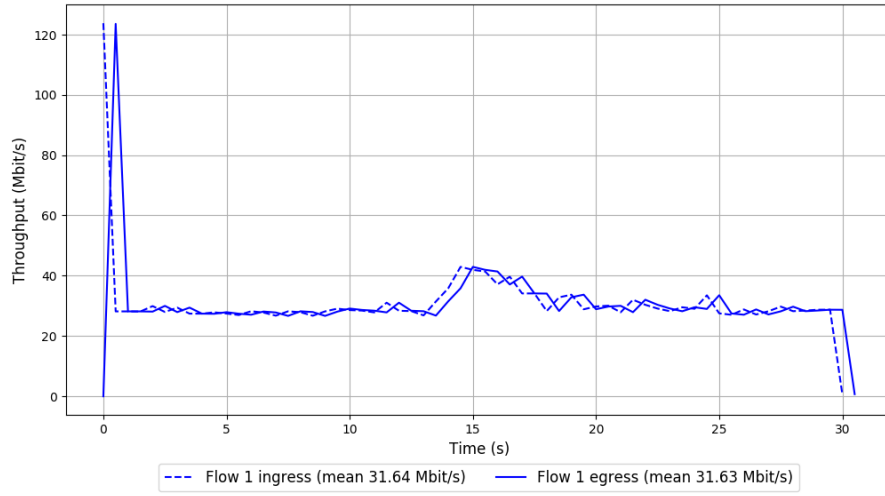
-- Flow 1:

Average throughput: 31.63 Mbit/s

95th percentile per-packet one-way delay: 1.172 ms

Loss rate: 0.02%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-05-29 19:34:39

End at: 2019-05-29 19:35:09

Local clock offset: 5.938 ms

Remote clock offset: 1.82 ms

Below is generated by plot.py at 2019-05-29 22:38:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 226.90 Mbit/s

95th percentile per-packet one-way delay: 4.924 ms

Loss rate: 0.80%

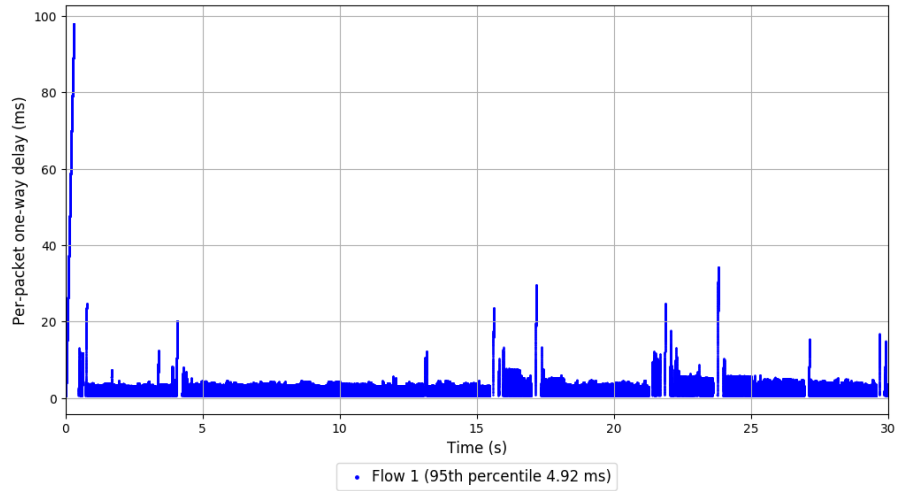
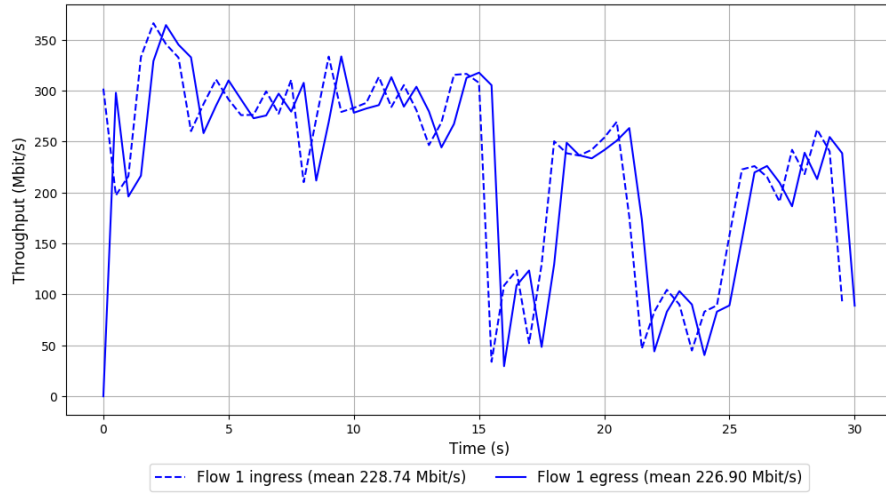
-- Flow 1:

Average throughput: 226.90 Mbit/s

95th percentile per-packet one-way delay: 4.924 ms

Loss rate: 0.80%

Run 1: Report of Verus — Data Link

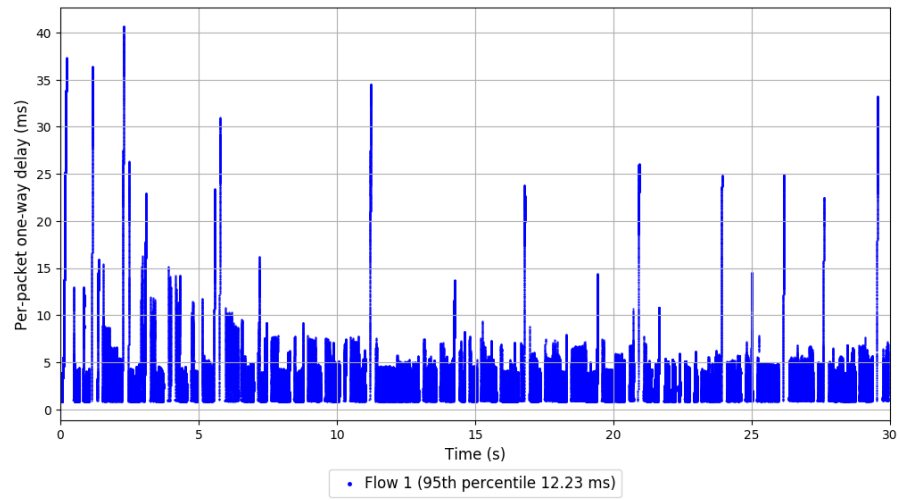
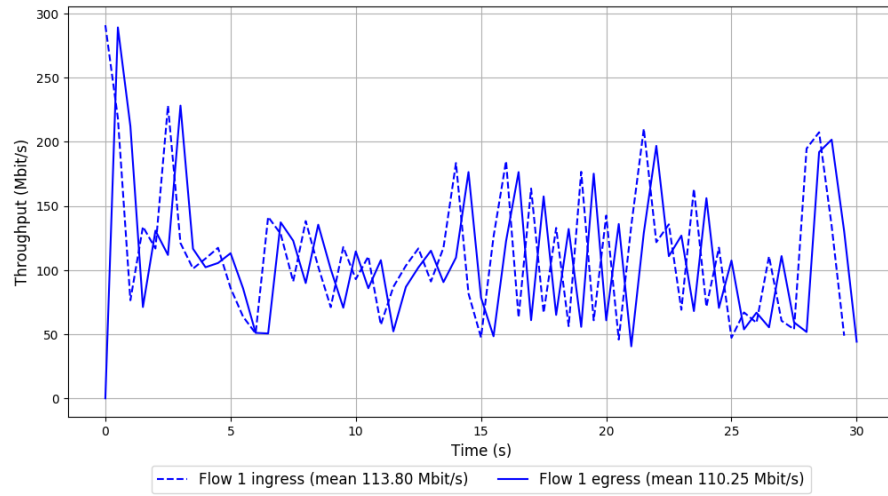


Run 2: Statistics of Verus

Start at: 2019-05-29 20:03:19
End at: 2019-05-29 20:03:49
Local clock offset: 6.109 ms
Remote clock offset: -2.754 ms

Below is generated by plot.py at 2019-05-29 22:38:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 110.25 Mbit/s
95th percentile per-packet one-way delay: 12.226 ms
Loss rate: 3.12%
-- Flow 1:
Average throughput: 110.25 Mbit/s
95th percentile per-packet one-way delay: 12.226 ms
Loss rate: 3.12%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-05-29 20:31:57

End at: 2019-05-29 20:32:27

Local clock offset: 6.327 ms

Remote clock offset: 0.396 ms

Below is generated by plot.py at 2019-05-29 22:38:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 192.88 Mbit/s

95th percentile per-packet one-way delay: 7.389 ms

Loss rate: 1.12%

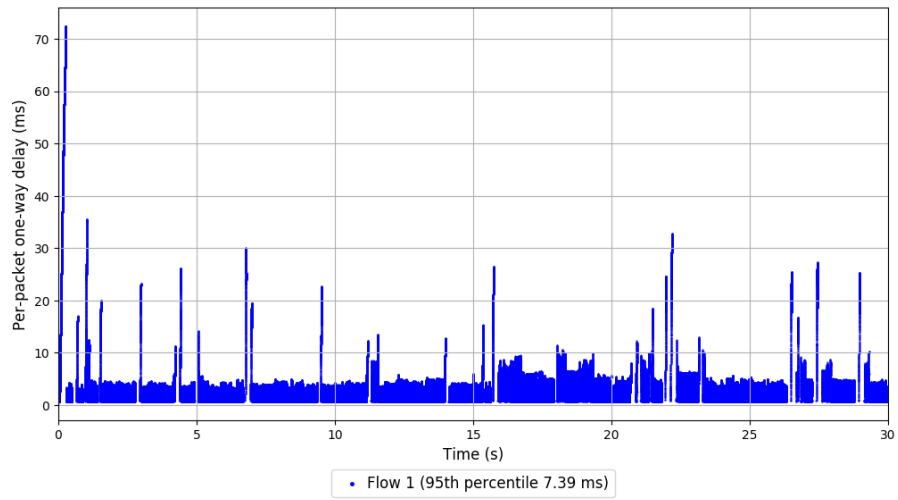
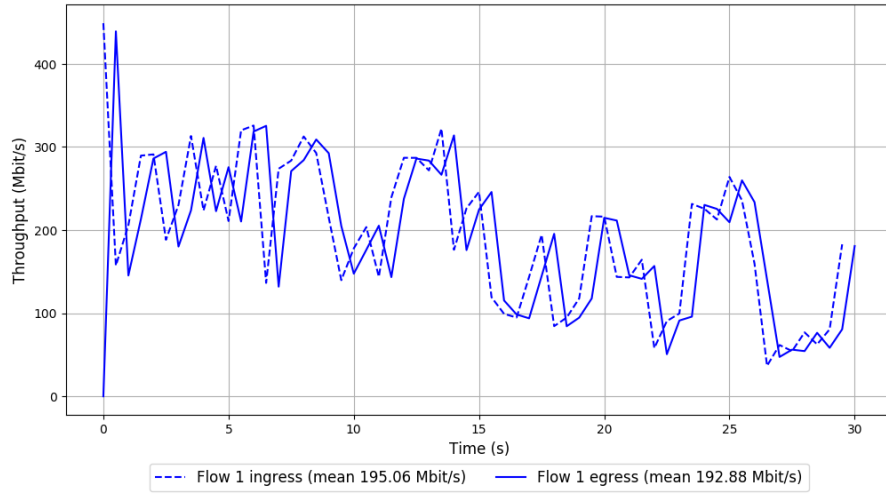
-- Flow 1:

Average throughput: 192.88 Mbit/s

95th percentile per-packet one-way delay: 7.389 ms

Loss rate: 1.12%

Run 3: Report of Verus — Data Link

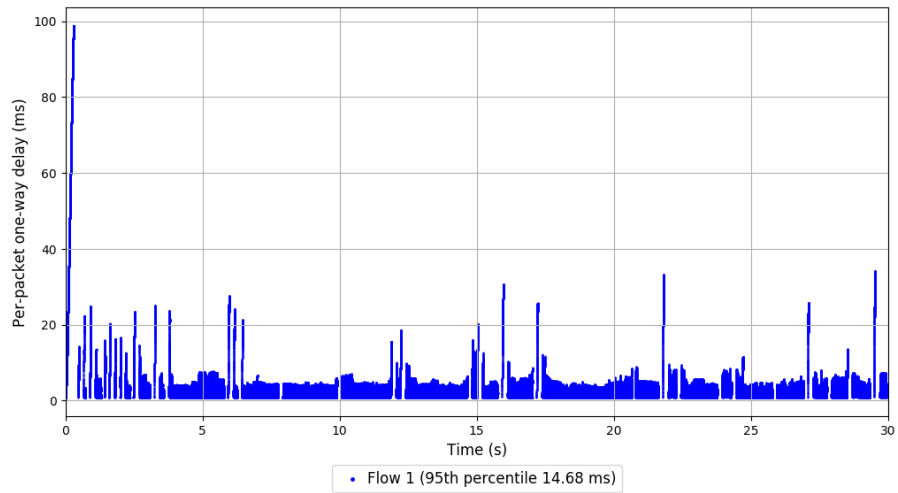
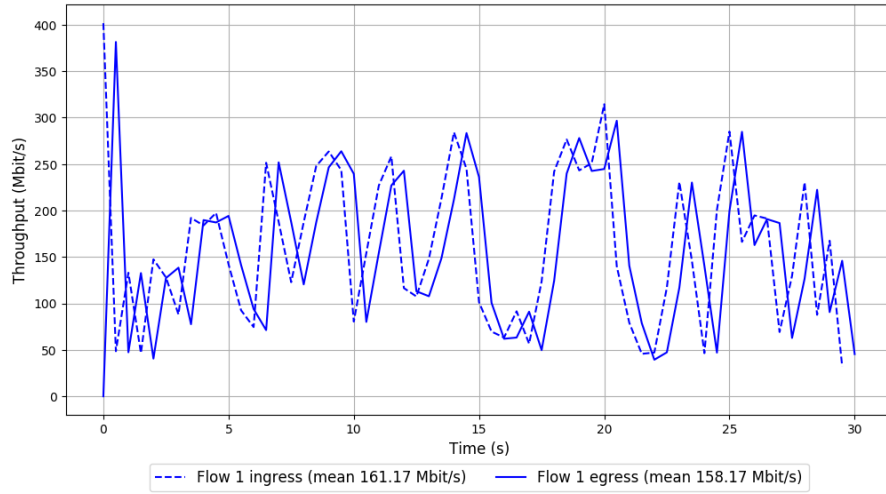


Run 4: Statistics of Verus

Start at: 2019-05-29 21:00:34
End at: 2019-05-29 21:01:04
Local clock offset: 5.644 ms
Remote clock offset: -3.242 ms

Below is generated by plot.py at 2019-05-29 22:38:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 158.17 Mbit/s
95th percentile per-packet one-way delay: 14.681 ms
Loss rate: 1.85%
-- Flow 1:
Average throughput: 158.17 Mbit/s
95th percentile per-packet one-way delay: 14.681 ms
Loss rate: 1.85%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-05-29 21:28:45

End at: 2019-05-29 21:29:15

Local clock offset: 4.289 ms

Remote clock offset: -3.36 ms

Below is generated by plot.py at 2019-05-29 22:38:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 167.40 Mbit/s

95th percentile per-packet one-way delay: 6.447 ms

Loss rate: 2.40%

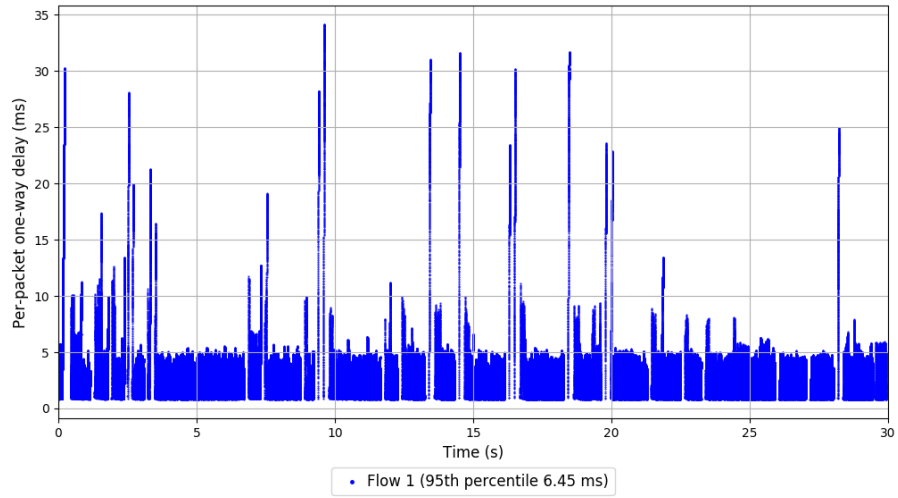
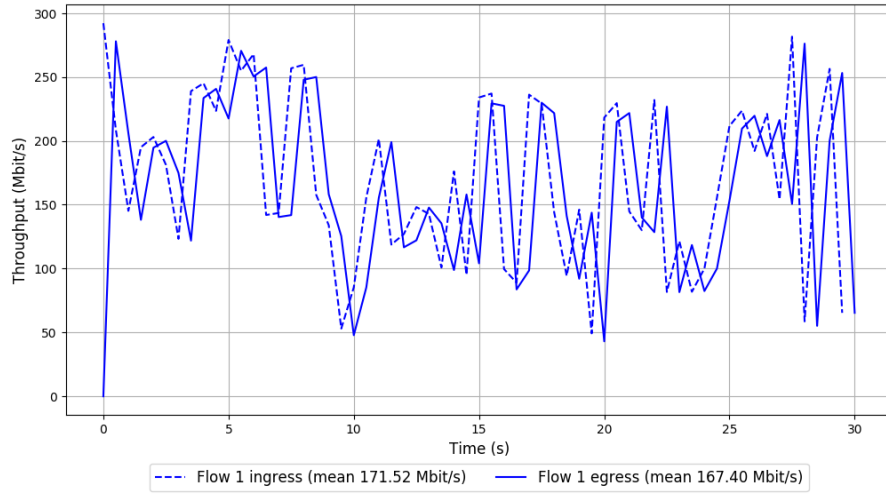
-- Flow 1:

Average throughput: 167.40 Mbit/s

95th percentile per-packet one-way delay: 6.447 ms

Loss rate: 2.40%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-05-29 19:48:16

End at: 2019-05-29 19:48:46

Local clock offset: 5.902 ms

Remote clock offset: -1.69 ms

Below is generated by plot.py at 2019-05-29 22:38:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 149.69 Mbit/s

95th percentile per-packet one-way delay: 0.908 ms

Loss rate: 0.02%

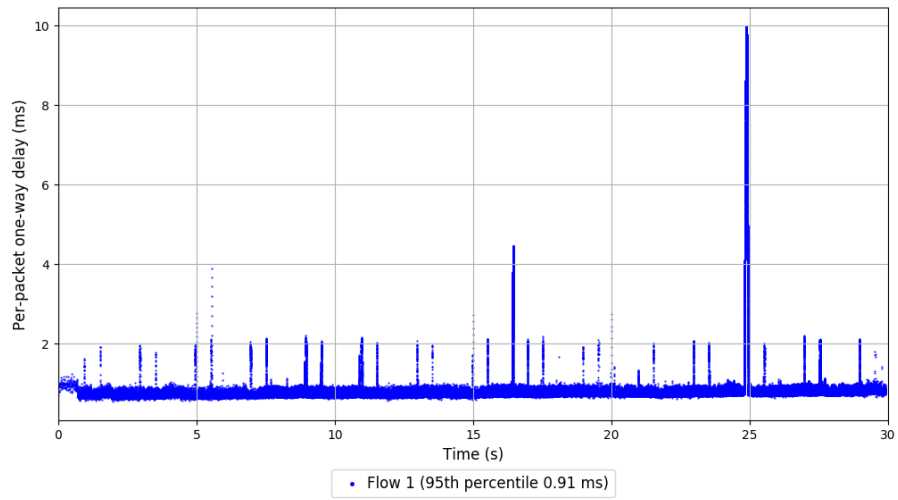
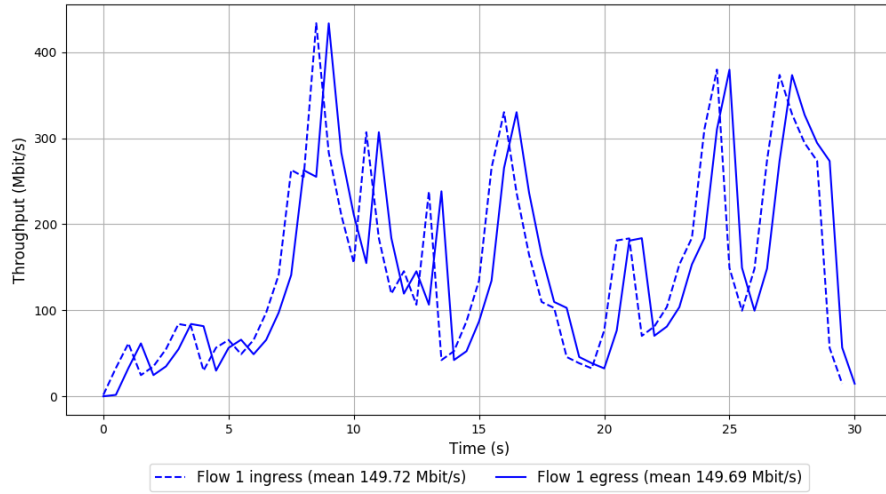
-- Flow 1:

Average throughput: 149.69 Mbit/s

95th percentile per-packet one-way delay: 0.908 ms

Loss rate: 0.02%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-05-29 20:17:02

End at: 2019-05-29 20:17:32

Local clock offset: 6.142 ms

Remote clock offset: -1.327 ms

Below is generated by plot.py at 2019-05-29 22:39:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 236.22 Mbit/s

95th percentile per-packet one-way delay: 0.890 ms

Loss rate: 0.03%

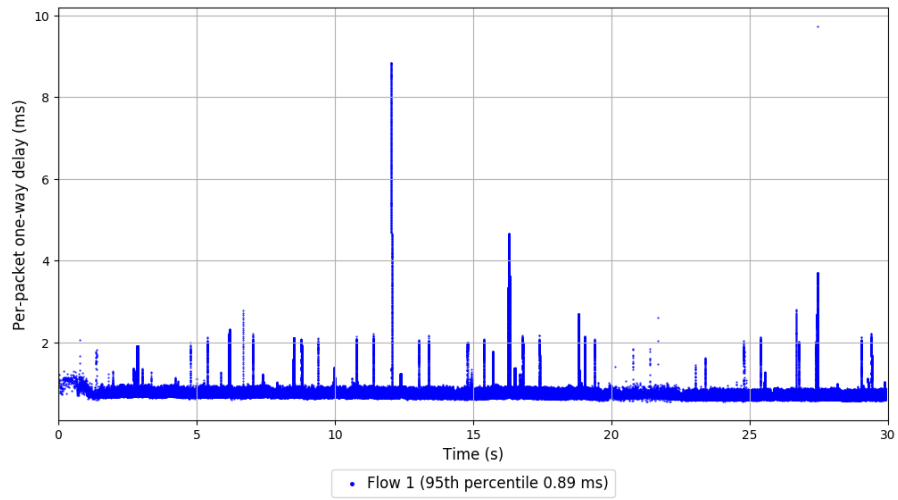
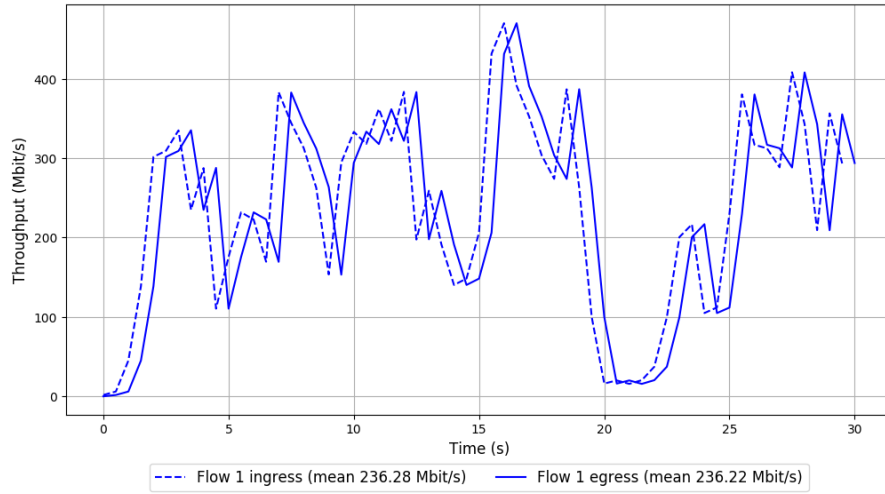
-- Flow 1:

Average throughput: 236.22 Mbit/s

95th percentile per-packet one-way delay: 0.890 ms

Loss rate: 0.03%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-05-29 20:45:30

End at: 2019-05-29 20:46:00

Local clock offset: 5.891 ms

Remote clock offset: 1.157 ms

Below is generated by plot.py at 2019-05-29 22:39:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 242.01 Mbit/s

95th percentile per-packet one-way delay: 3.938 ms

Loss rate: 0.02%

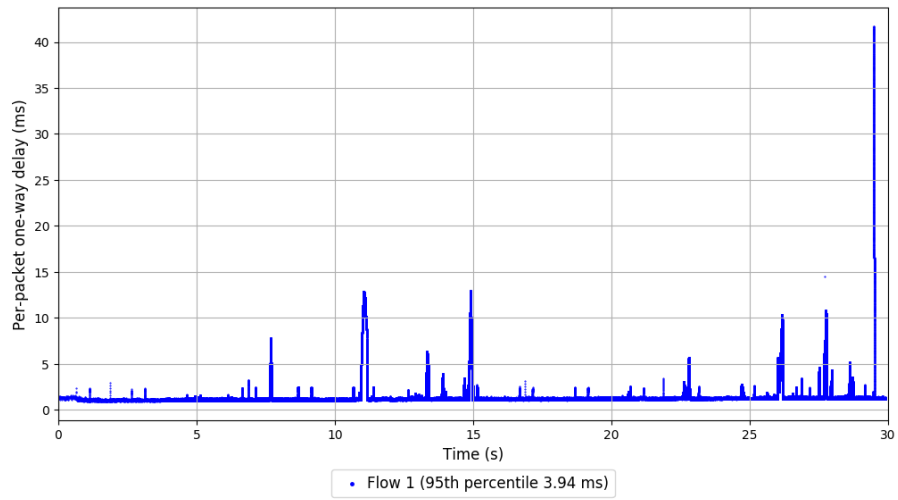
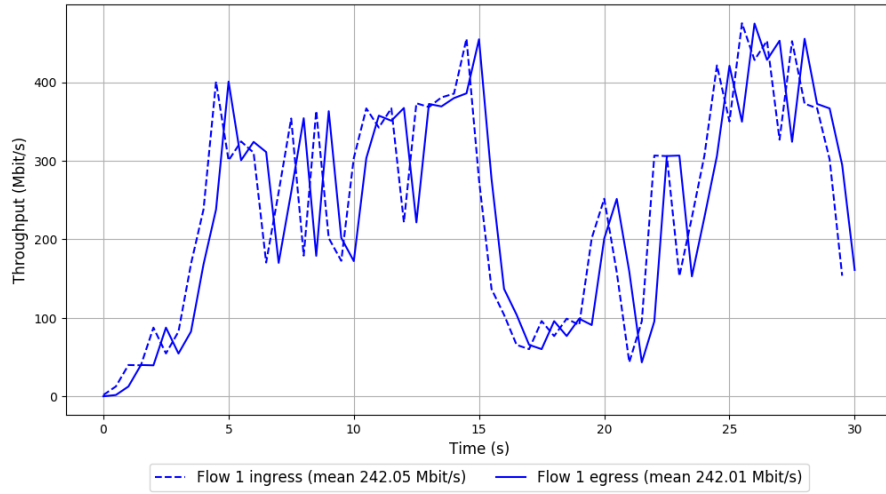
-- Flow 1:

Average throughput: 242.01 Mbit/s

95th percentile per-packet one-way delay: 3.938 ms

Loss rate: 0.02%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-05-29 21:14:05

End at: 2019-05-29 21:14:35

Local clock offset: 4.951 ms

Remote clock offset: -4.372 ms

Below is generated by plot.py at 2019-05-29 22:39:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 152.24 Mbit/s

95th percentile per-packet one-way delay: 2.112 ms

Loss rate: 0.03%

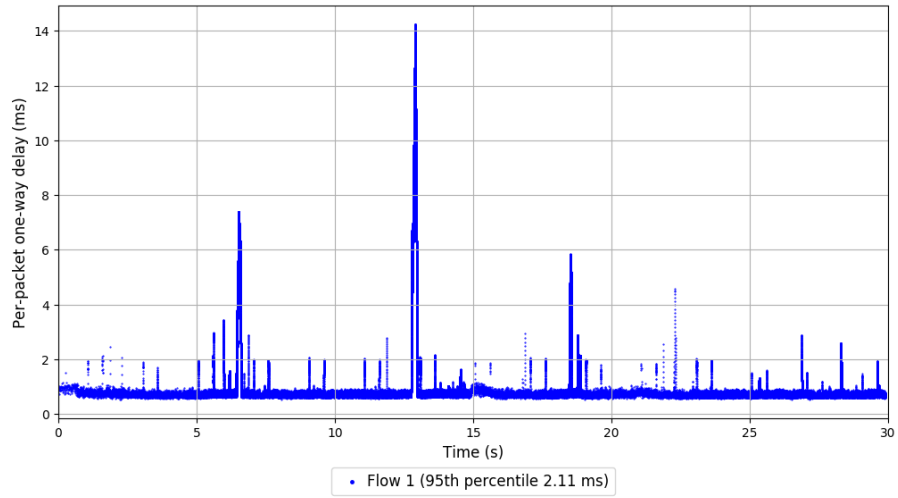
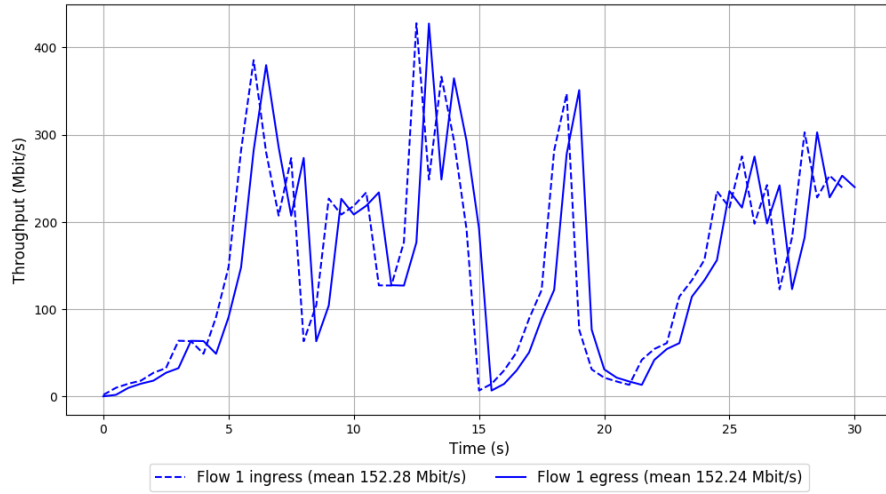
-- Flow 1:

Average throughput: 152.24 Mbit/s

95th percentile per-packet one-way delay: 2.112 ms

Loss rate: 0.03%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-05-29 21:42:23

End at: 2019-05-29 21:42:53

Local clock offset: 4.035 ms

Remote clock offset: -2.935 ms

Below is generated by plot.py at 2019-05-29 22:39:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 260.66 Mbit/s

95th percentile per-packet one-way delay: 1.120 ms

Loss rate: 0.05%

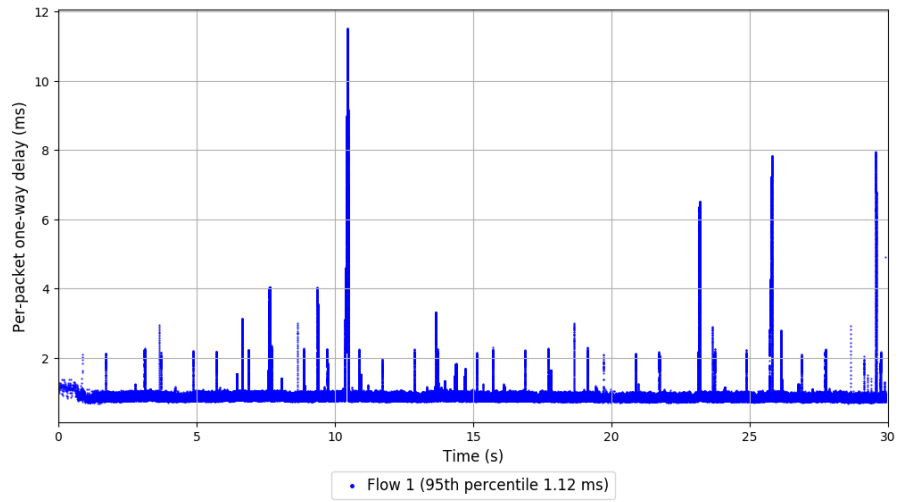
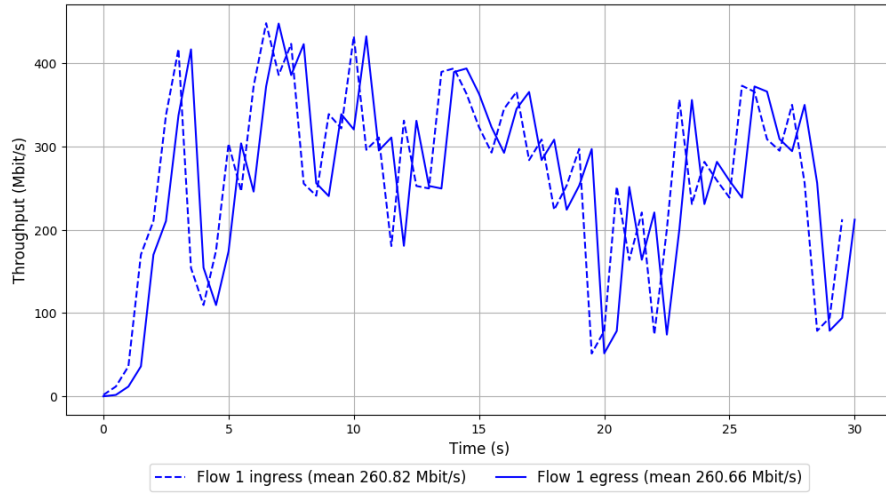
-- Flow 1:

Average throughput: 260.66 Mbit/s

95th percentile per-packet one-way delay: 1.120 ms

Loss rate: 0.05%

Run 5: Report of PCC-Vivace — Data Link

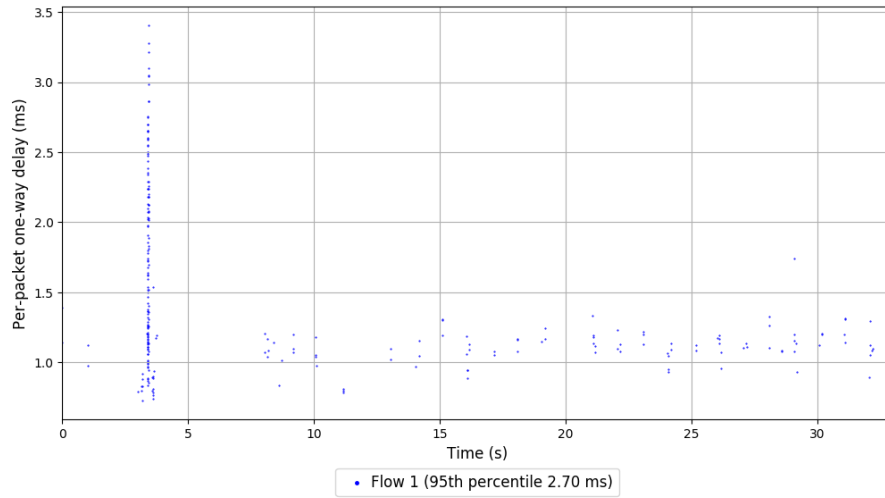
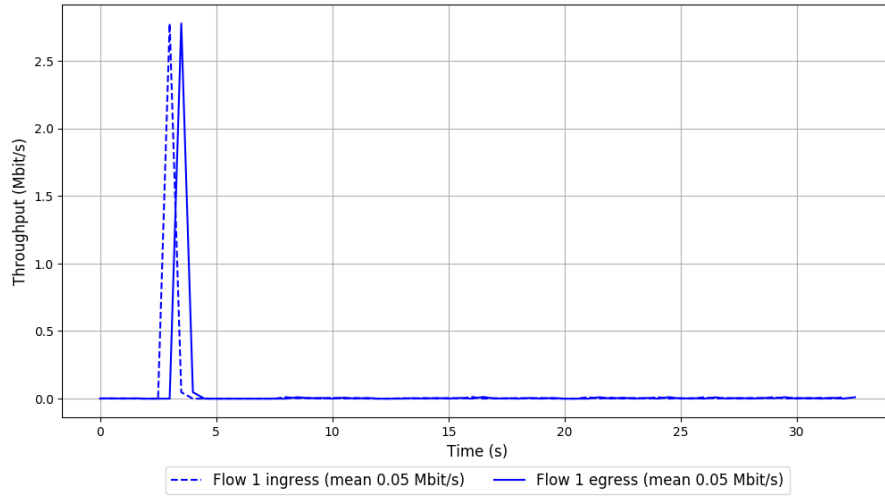


Run 1: Statistics of WebRTC media

Start at: 2019-05-29 19:53:33
End at: 2019-05-29 19:54:03
Local clock offset: 5.894 ms
Remote clock offset: -2.249 ms

Below is generated by plot.py at 2019-05-29 22:39:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.699 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.699 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-05-29 20:22:12

End at: 2019-05-29 20:22:42

Local clock offset: 6.192 ms

Remote clock offset: -0.512 ms

Below is generated by plot.py at 2019-05-29 22:39:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 1.471 ms

Loss rate: 0.00%

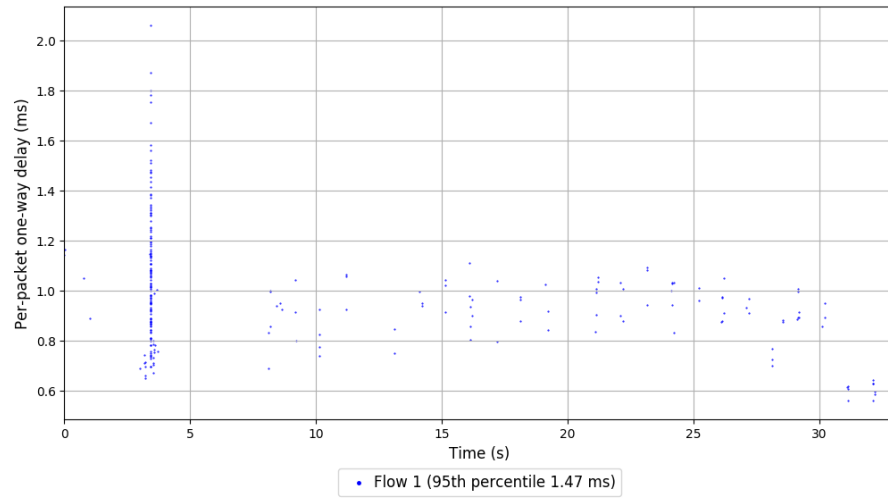
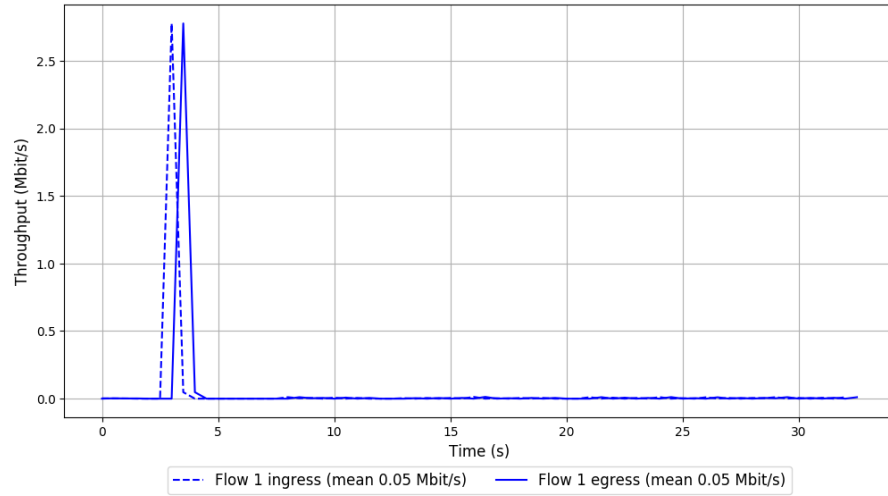
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 1.471 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

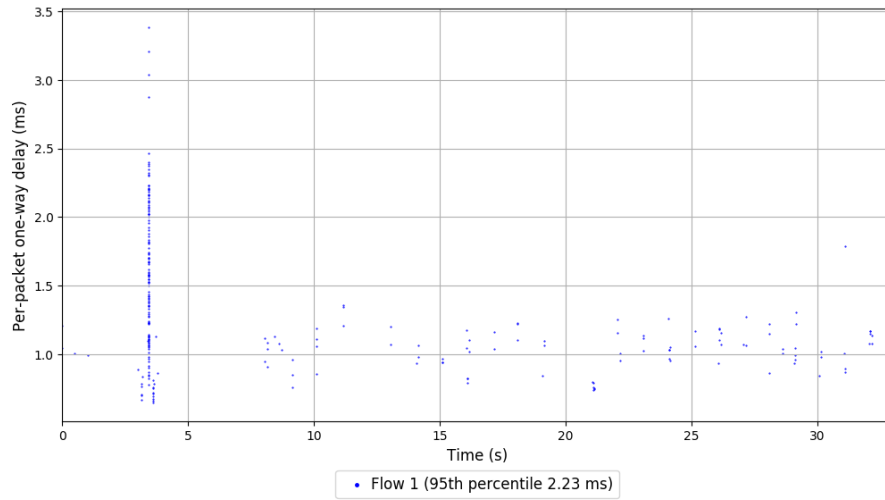
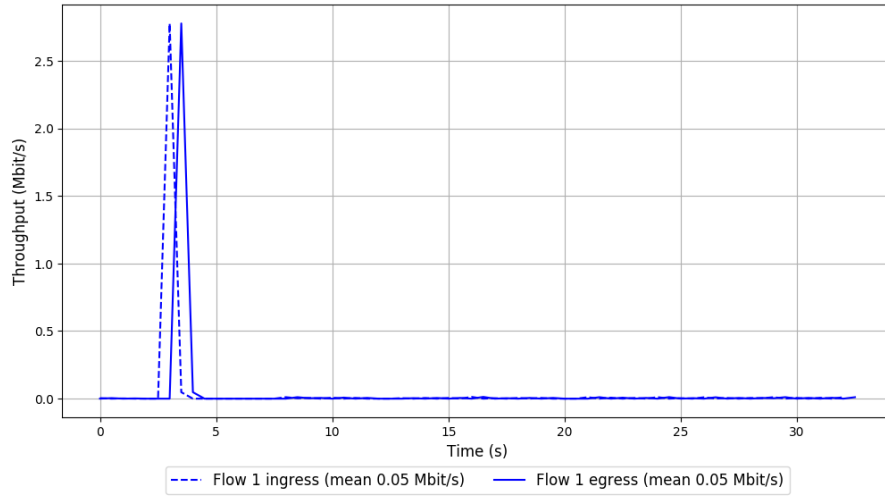


Run 3: Statistics of WebRTC media

Start at: 2019-05-29 20:50:53
End at: 2019-05-29 20:51:24
Local clock offset: 5.741 ms
Remote clock offset: -1.389 ms

Below is generated by plot.py at 2019-05-29 22:39:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.231 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.231 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

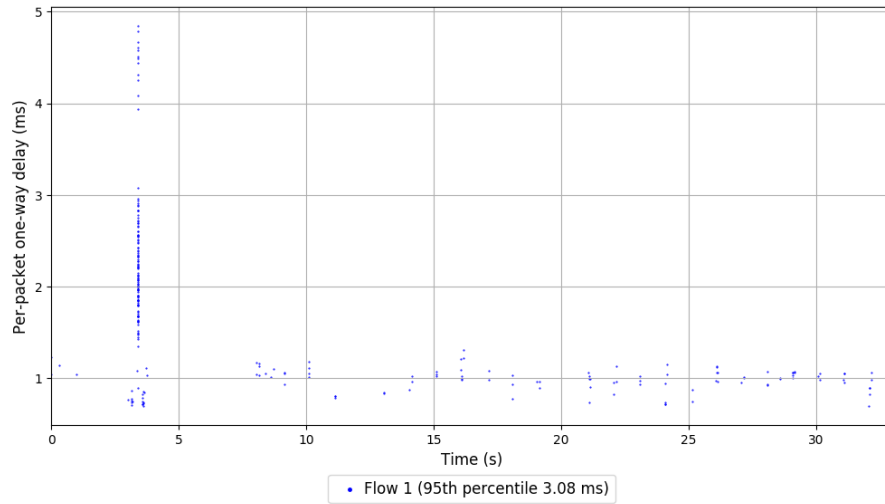
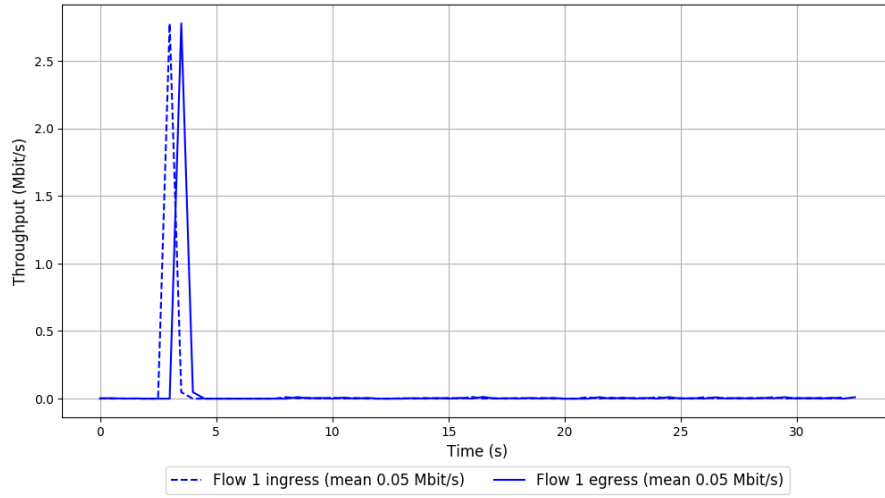


Run 4: Statistics of WebRTC media

Start at: 2019-05-29 21:19:03
End at: 2019-05-29 21:19:33
Local clock offset: 4.621 ms
Remote clock offset: -4.544 ms

Below is generated by plot.py at 2019-05-29 22:39:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.080 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.080 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-05-29 21:47:44

End at: 2019-05-29 21:48:14

Local clock offset: 3.955 ms

Remote clock offset: -2.866 ms

Below is generated by plot.py at 2019-05-29 22:39:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.18 Mbit/s

95th percentile per-packet one-way delay: 1.186 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.18 Mbit/s

95th percentile per-packet one-way delay: 1.186 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

