

Pantheon Report

Generated at 2019-02-05 04:32:22 (UTC).

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

Repeated the test of 21 congestion control schemes 5 times.

Each test lasted for 30 seconds running 1 flow.

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

System info:

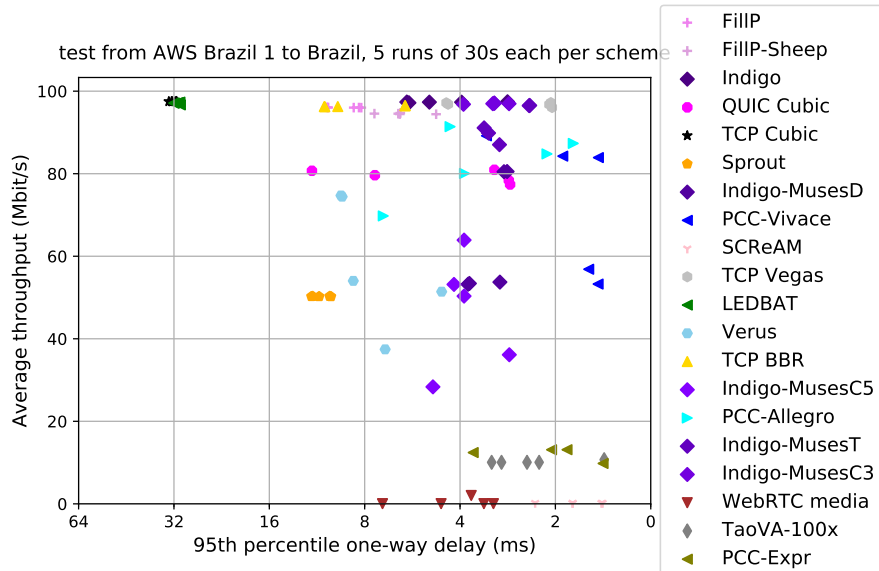
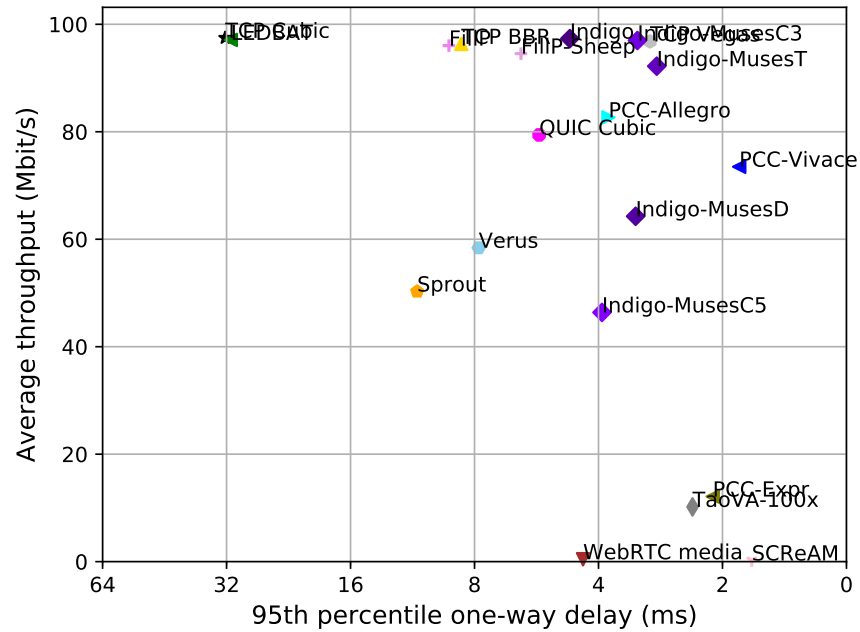
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

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

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	96.35	8.61	0.00
Copa	0	N/A	N/A	N/A
TCP Cubic	5	97.48	32.25	0.01
FillP	5	96.04	9.23	0.27
FillP-Sheep	5	94.54	6.17	0.08
Indigo	5	97.33	4.70	0.00
Indigo-MusesC3	5	96.99	3.22	0.00
Indigo-MusesC5	5	46.38	3.92	0.00
Indigo-MusesD	5	64.27	3.25	0.00
Indigo-MusesT	5	92.21	2.89	0.00
LEDBAT	5	97.09	31.26	0.01
PCC-Allegro	5	82.68	3.78	0.00
PCC-Expr	4	12.11	2.11	22.12
QUIC Cubic	5	79.42	5.57	0.22
SCReAM	5	0.22	1.53	0.00
Sprout	5	50.27	11.03	0.00
TaoVA-100x	5	10.19	2.36	64.91
TCP Vegas	5	96.81	3.00	0.00
Verus	5	58.41	7.82	1.22
PCC-Vivace	5	73.49	1.73	0.00
WebRTC media	5	0.45	4.36	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-02-05 02:41:42

End at: 2019-02-05 02:42:12

Local clock offset: 0.292 ms

Remote clock offset: -0.448 ms

Below is generated by plot.py at 2019-02-05 04:23:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 10.689 ms

Loss rate: 0.00%

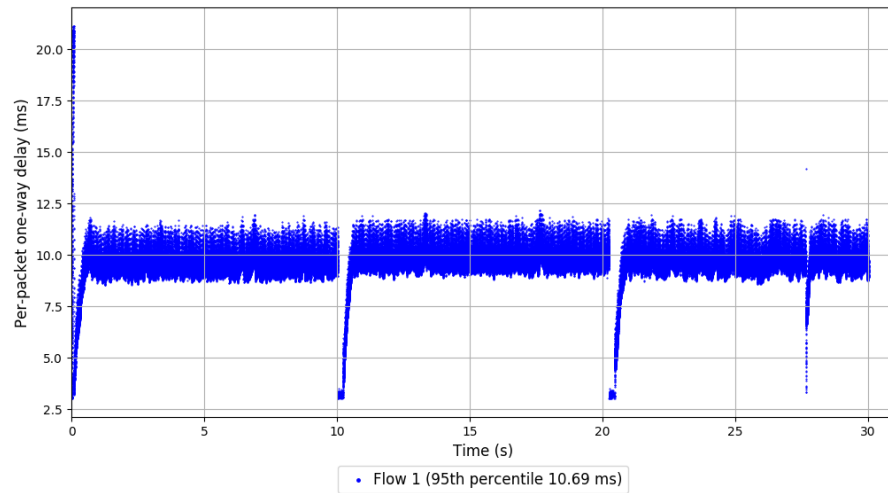
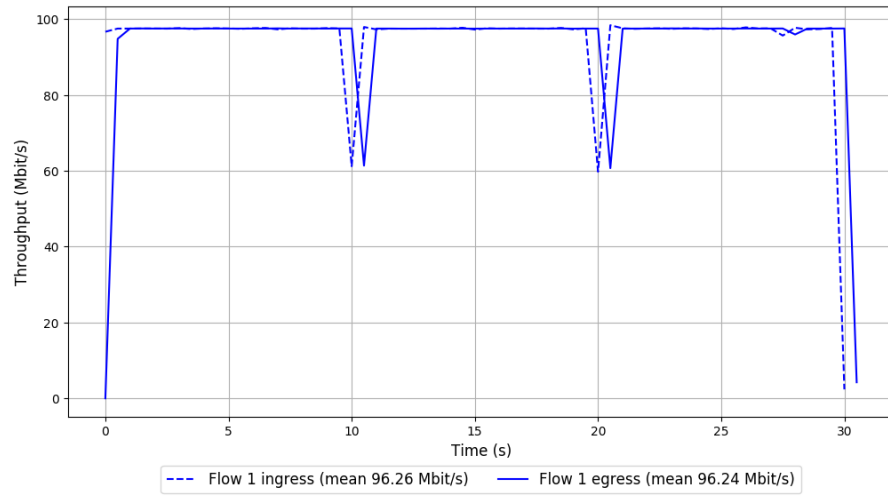
-- Flow 1:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 10.689 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-02-05 03:05:08

End at: 2019-02-05 03:05:38

Local clock offset: -1.897 ms

Remote clock offset: -0.16 ms

Below is generated by plot.py at 2019-02-05 04:23:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 9.727 ms

Loss rate: 0.00%

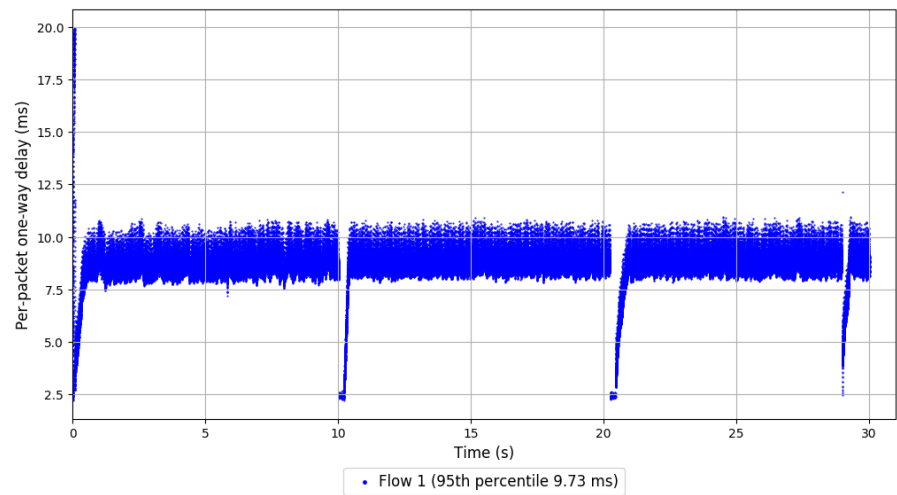
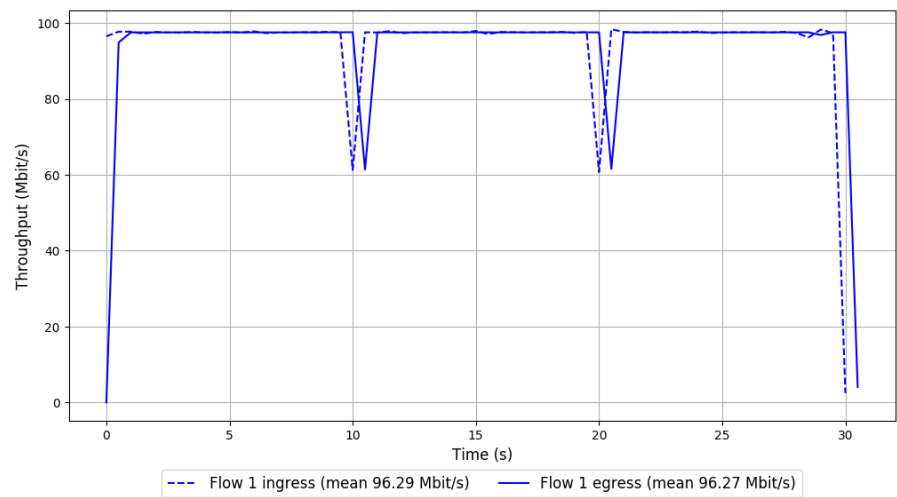
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 9.727 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-02-05 03:28:36

End at: 2019-02-05 03:29:06

Local clock offset: -2.845 ms

Remote clock offset: 0.035 ms

Below is generated by plot.py at 2019-02-05 04:23:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 10.729 ms

Loss rate: 0.00%

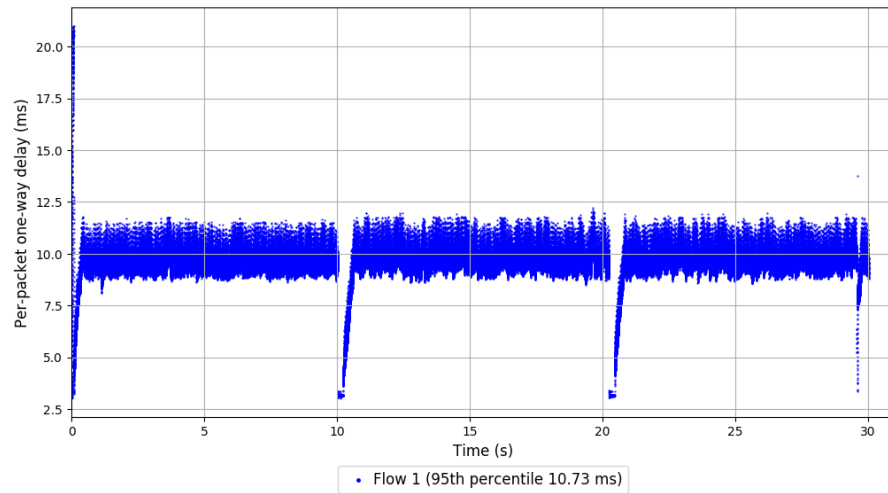
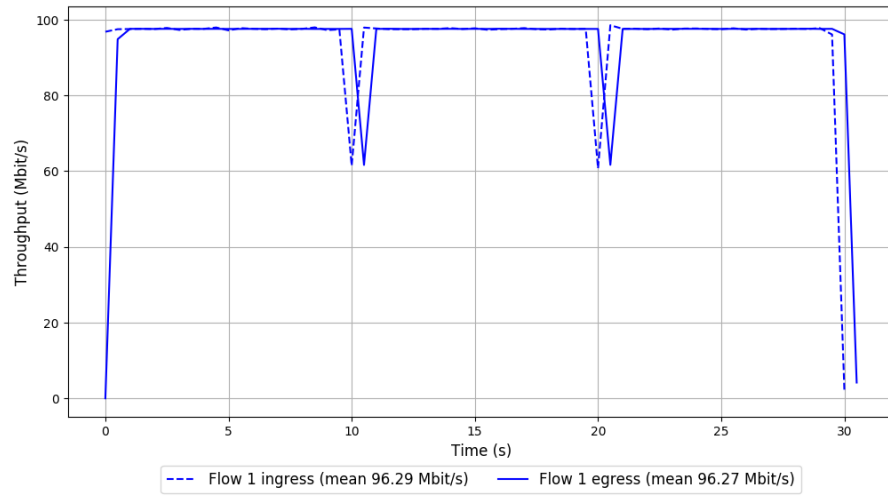
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 10.729 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-02-05 03:52:01

End at: 2019-02-05 03:52:31

Local clock offset: -2.367 ms

Remote clock offset: 0.375 ms

Below is generated by plot.py at 2019-02-05 04:23:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 5.962 ms

Loss rate: 0.00%

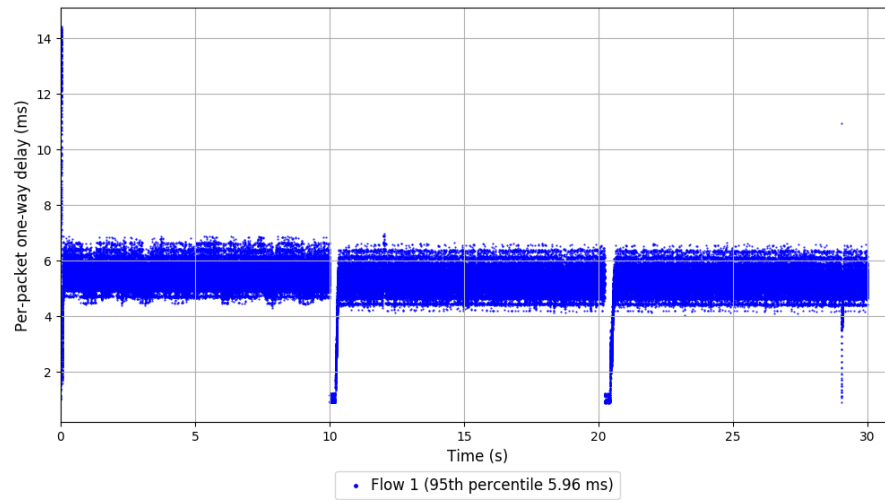
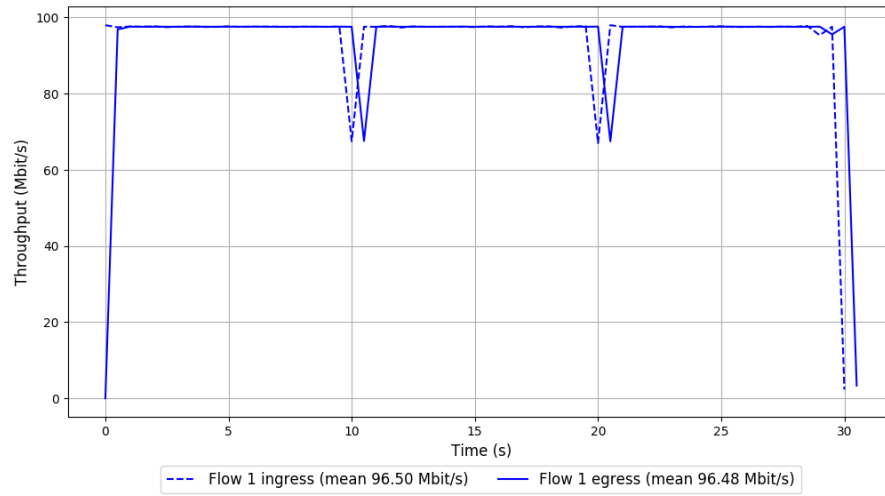
-- Flow 1:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 5.962 ms

Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-02-05 04:15:24

End at: 2019-02-05 04:15:54

Local clock offset: -2.633 ms

Remote clock offset: 0.83 ms

Below is generated by plot.py at 2019-02-05 04:23:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.47 Mbit/s

95th percentile per-packet one-way delay: 5.965 ms

Loss rate: 0.00%

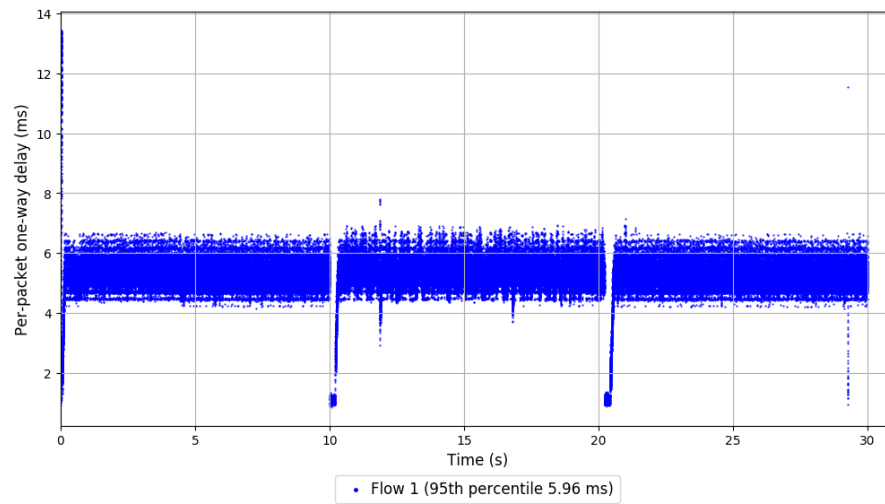
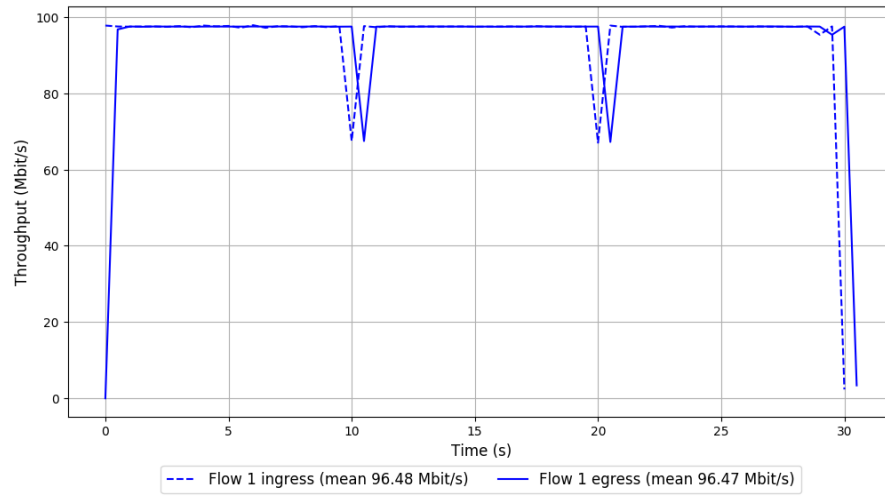
-- Flow 1:

Average throughput: 96.47 Mbit/s

95th percentile per-packet one-way delay: 5.965 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

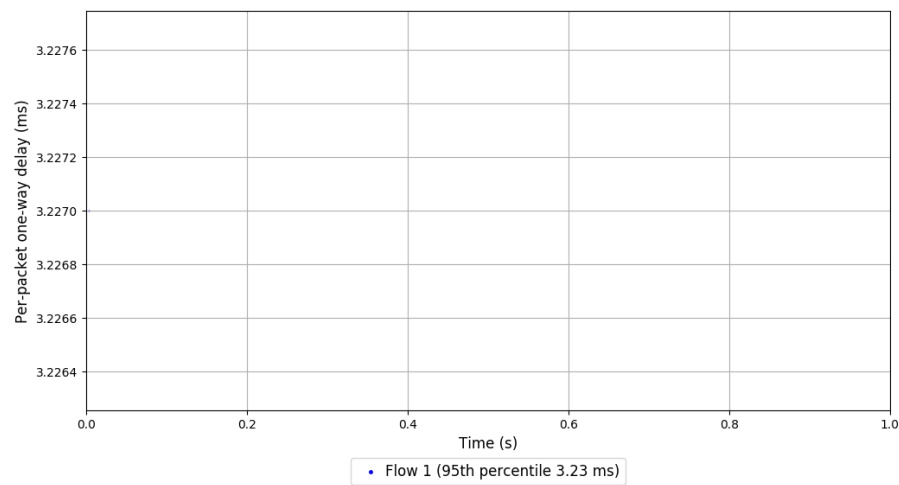
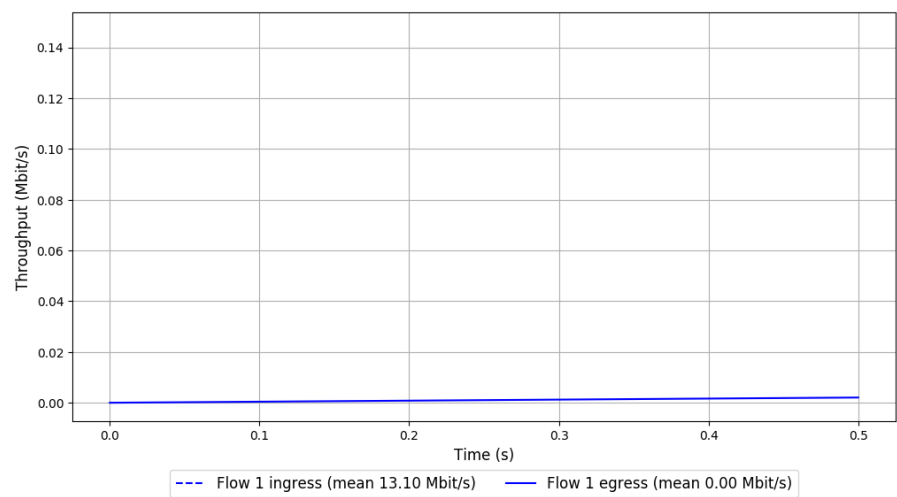
Start at: 2019-02-05 02:42:50

End at: 2019-02-05 02:43:20

Local clock offset: 0.485 ms

Remote clock offset: -0.346 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

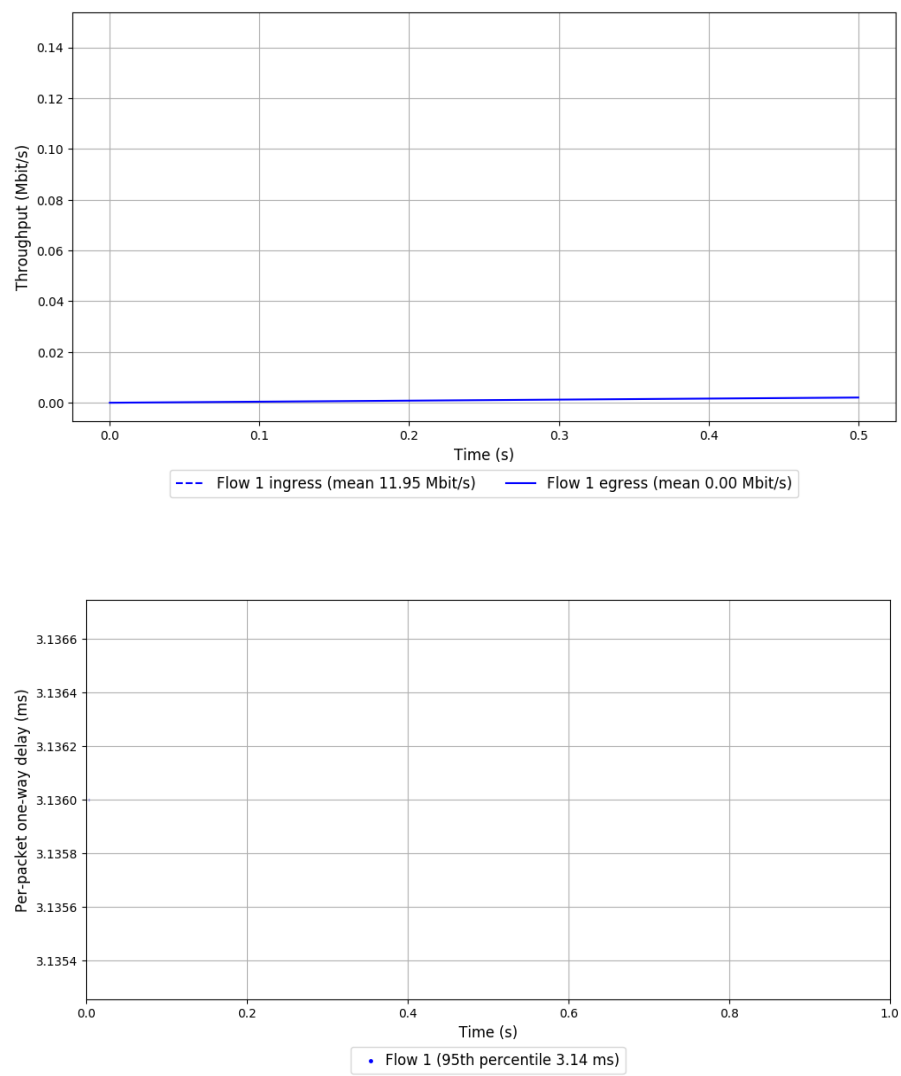
Start at: 2019-02-05 03:06:16

End at: 2019-02-05 03:06:46

Local clock offset: -2.621 ms

Remote clock offset: -0.19 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

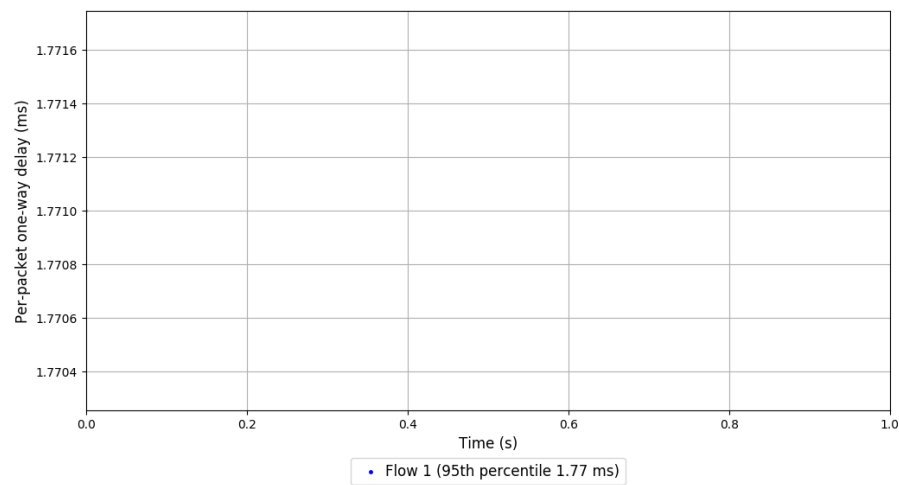
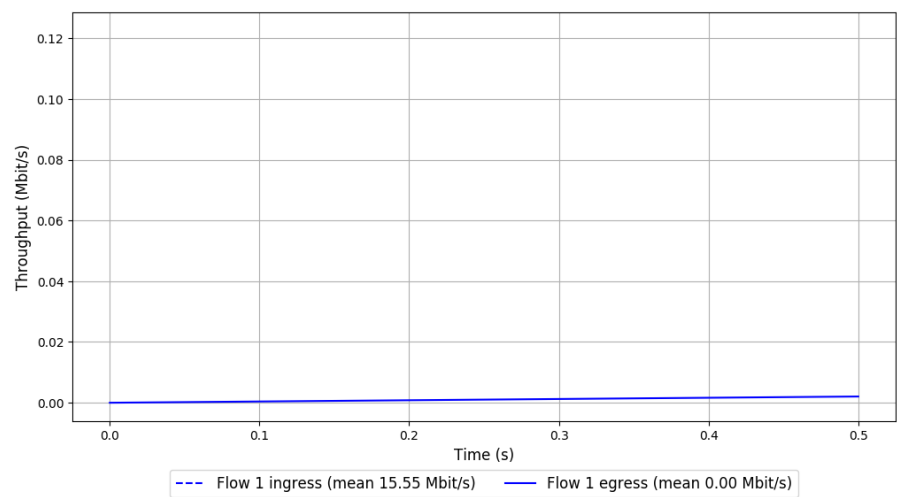
Start at: 2019-02-05 03:29:44

End at: 2019-02-05 03:30:14

Local clock offset: -2.769 ms

Remote clock offset: 0.104 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

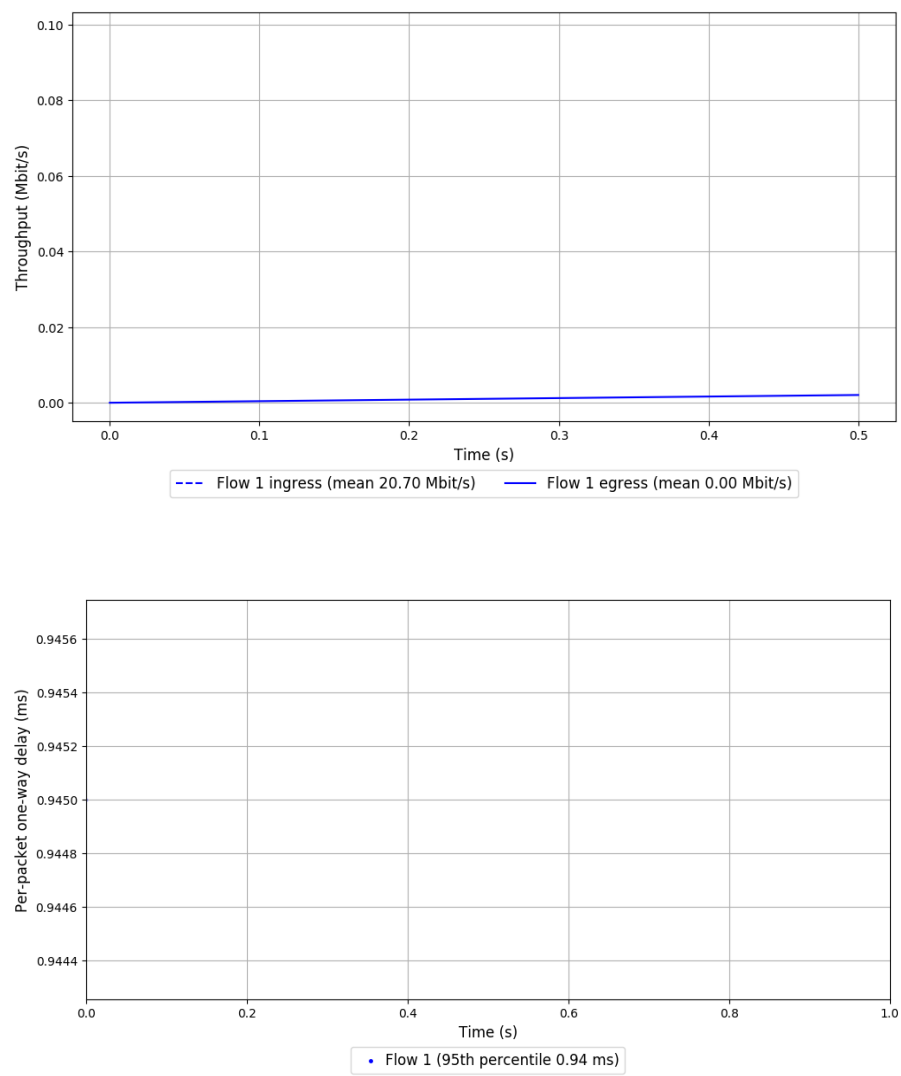
Start at: 2019-02-05 03:53:09

End at: 2019-02-05 03:53:39

Local clock offset: -2.409 ms

Remote clock offset: 0.363 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

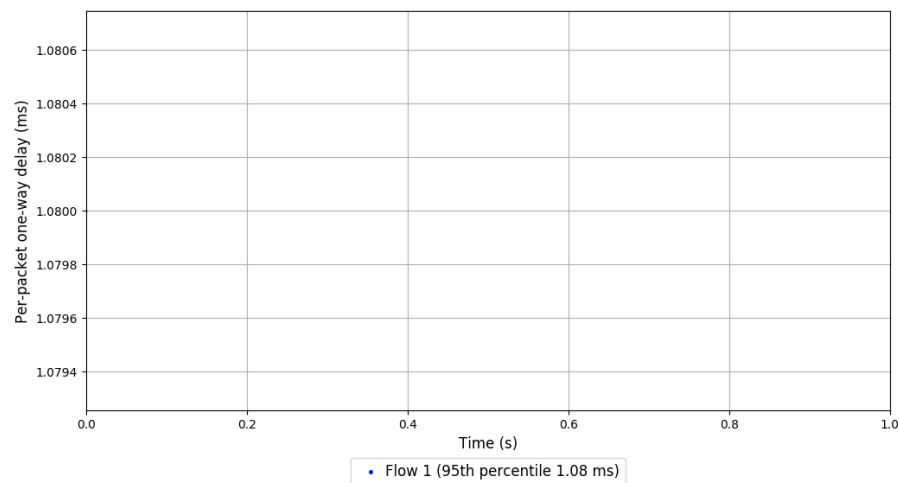
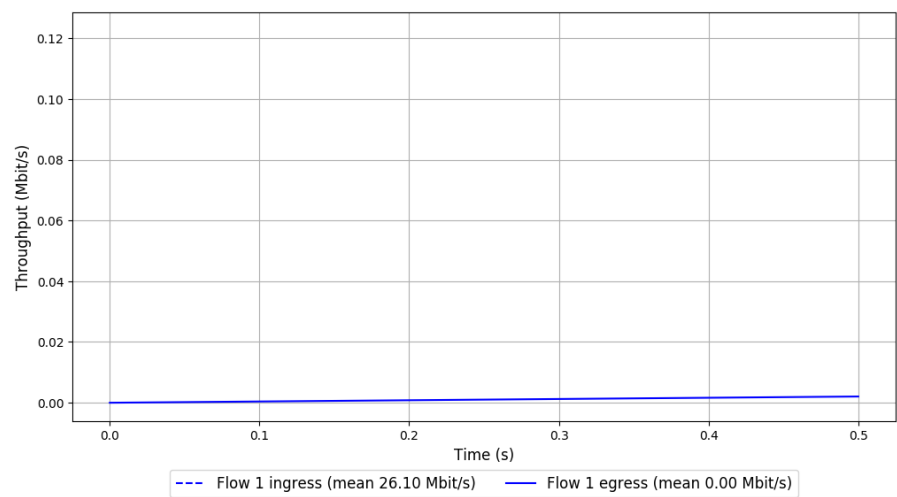
Start at: 2019-02-05 04:16:32

End at: 2019-02-05 04:17:02

Local clock offset: -2.599 ms

Remote clock offset: 0.884 ms

Run 5: Report of Copa — Data Link

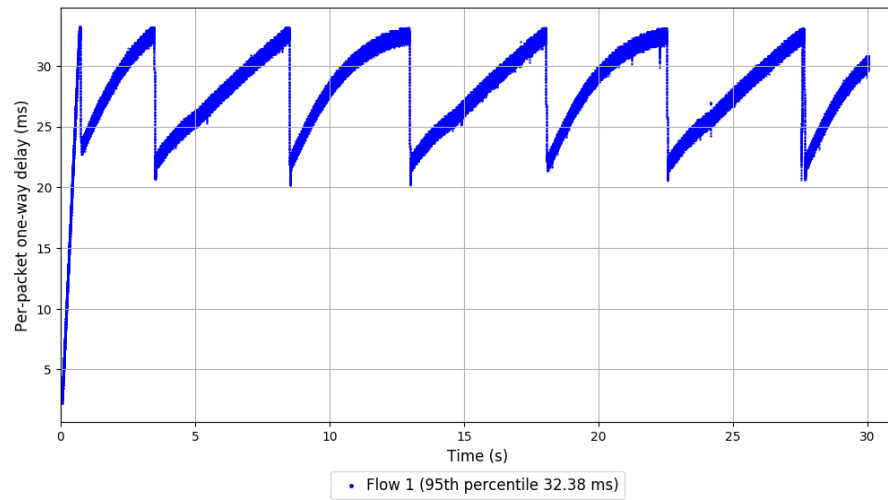
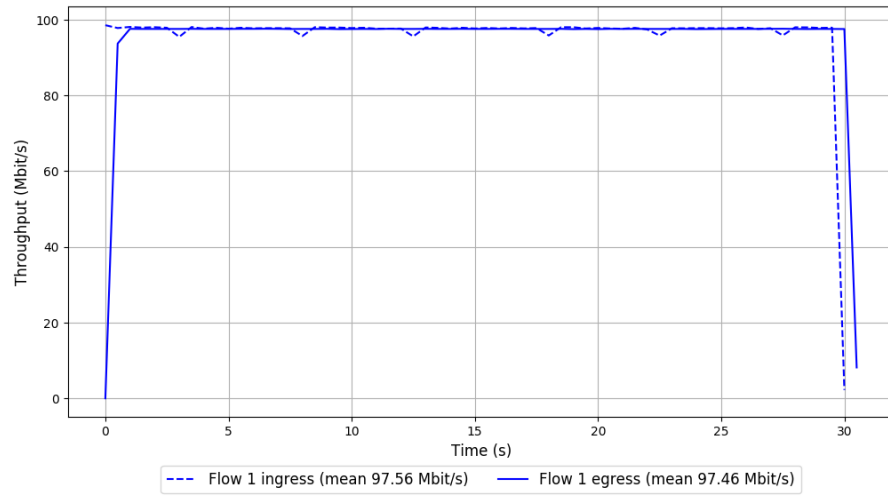


Run 1: Statistics of TCP Cubic

Start at: 2019-02-05 02:24:48
End at: 2019-02-05 02:25:18
Local clock offset: 1.322 ms
Remote clock offset: -0.315 ms

Below is generated by plot.py at 2019-02-05 04:23:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 32.383 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 32.383 ms
Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link

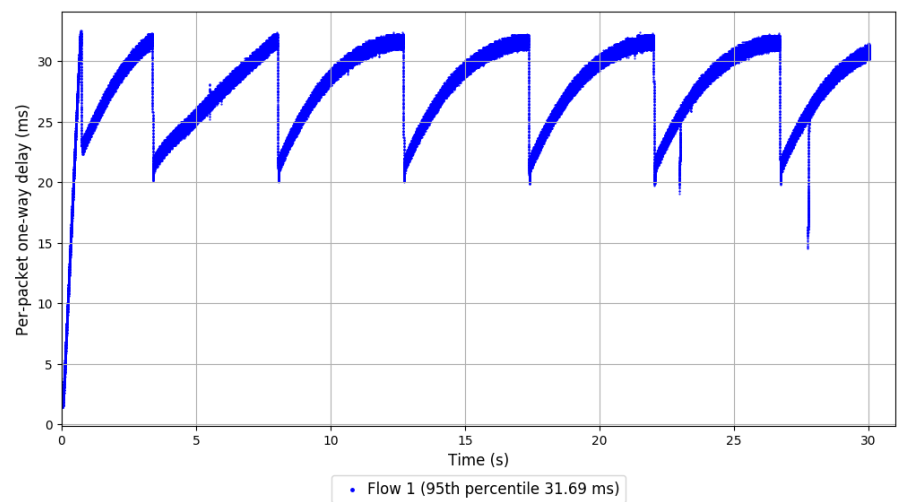
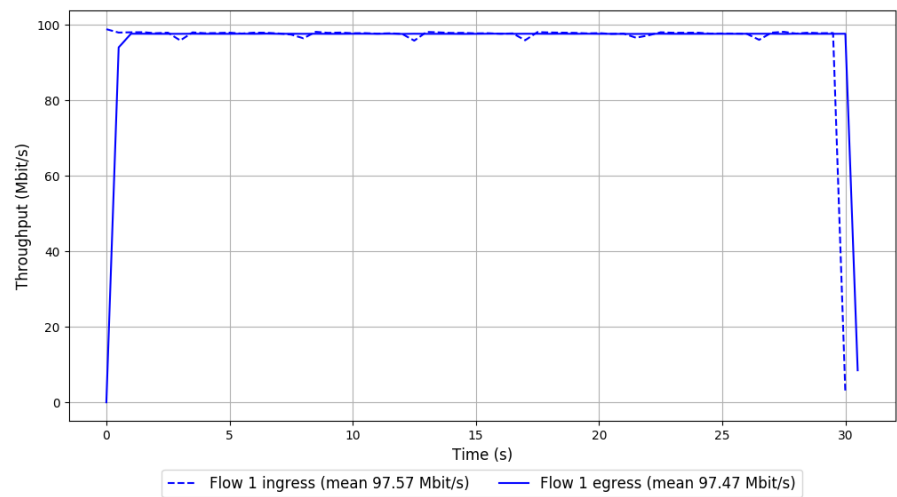


Run 2: Statistics of TCP Cubic

Start at: 2019-02-05 02:48:21
End at: 2019-02-05 02:48:51
Local clock offset: -0.281 ms
Remote clock offset: -0.357 ms

Below is generated by plot.py at 2019-02-05 04:23:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.686 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.686 ms
Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-02-05 03:11:48

End at: 2019-02-05 03:12:18

Local clock offset: -1.692 ms

Remote clock offset: -0.18 ms

Below is generated by plot.py at 2019-02-05 04:23:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.554 ms

Loss rate: 0.01%

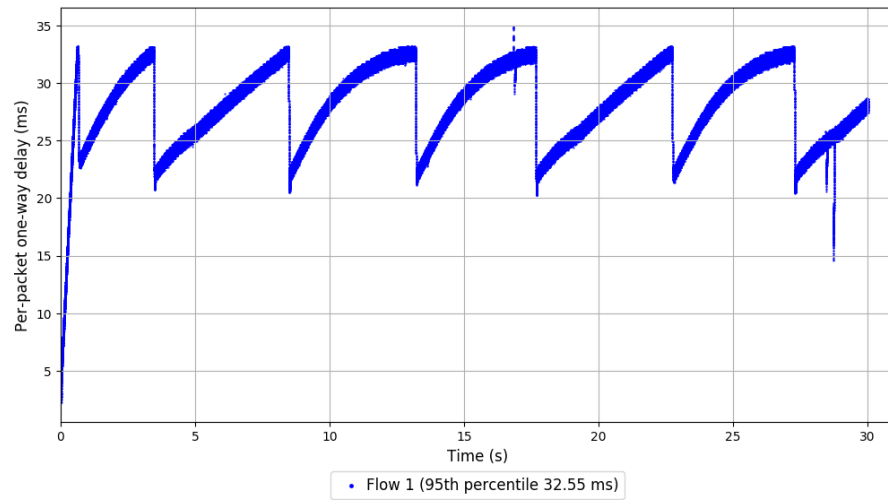
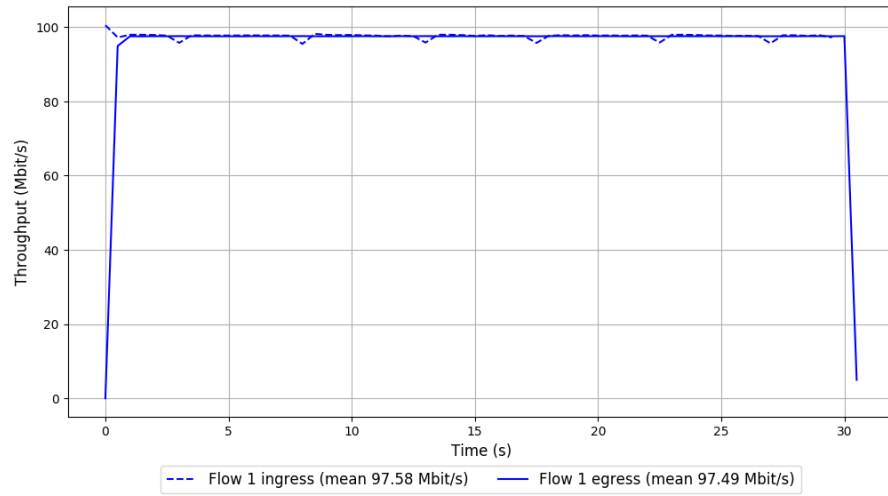
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.554 ms

Loss rate: 0.01%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-02-05 03:35:16

End at: 2019-02-05 03:35:46

Local clock offset: -2.644 ms

Remote clock offset: 0.118 ms

Below is generated by plot.py at 2019-02-05 04:24:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 33.216 ms

Loss rate: 0.01%

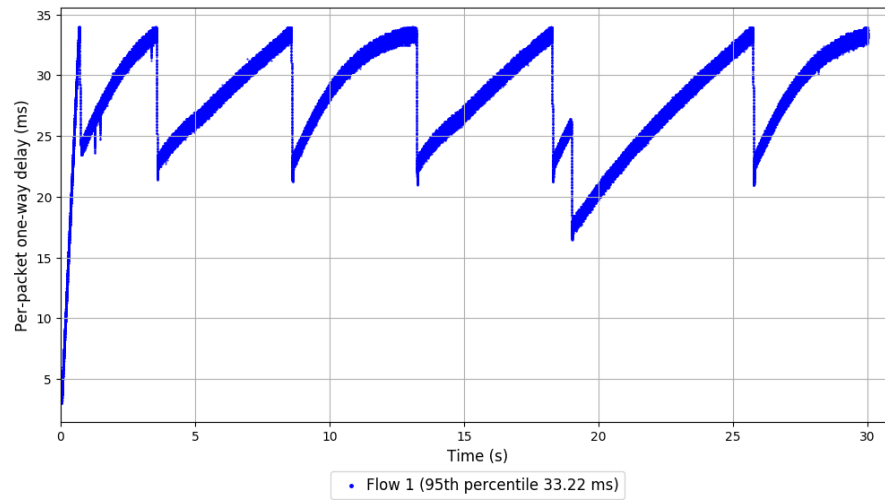
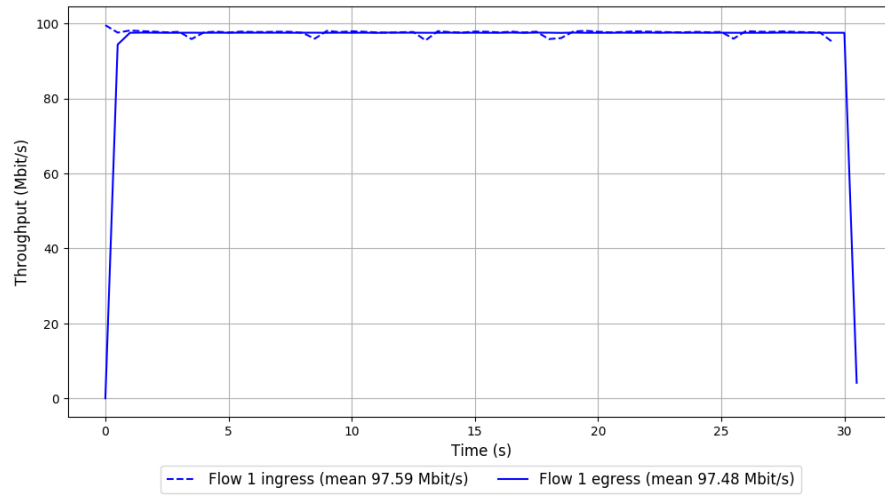
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 33.216 ms

Loss rate: 0.01%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-02-05 03:58:39

End at: 2019-02-05 03:59:09

Local clock offset: -2.743 ms

Remote clock offset: 0.462 ms

Below is generated by plot.py at 2019-02-05 04:24:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.51 Mbit/s

95th percentile per-packet one-way delay: 31.391 ms

Loss rate: 0.01%

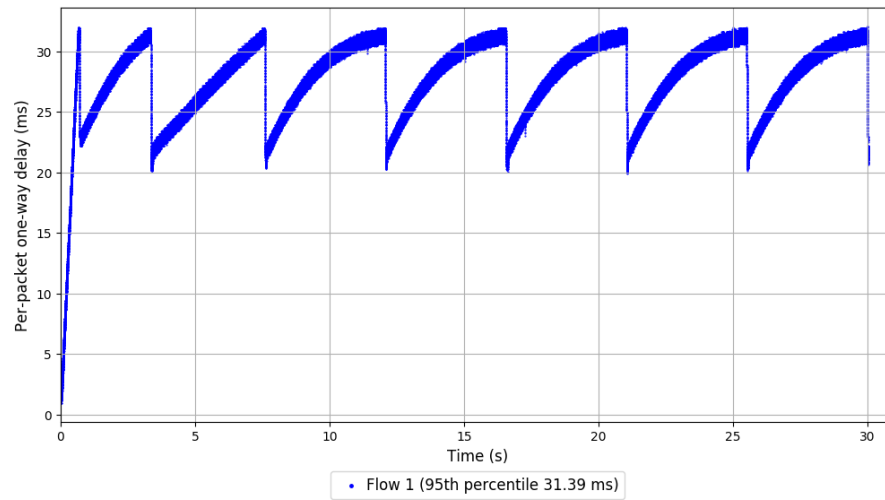
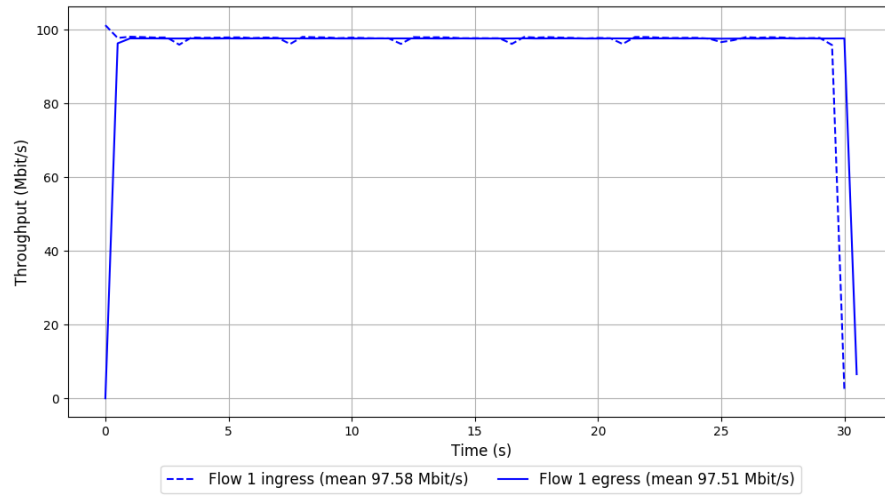
-- Flow 1:

Average throughput: 97.51 Mbit/s

95th percentile per-packet one-way delay: 31.391 ms

Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link

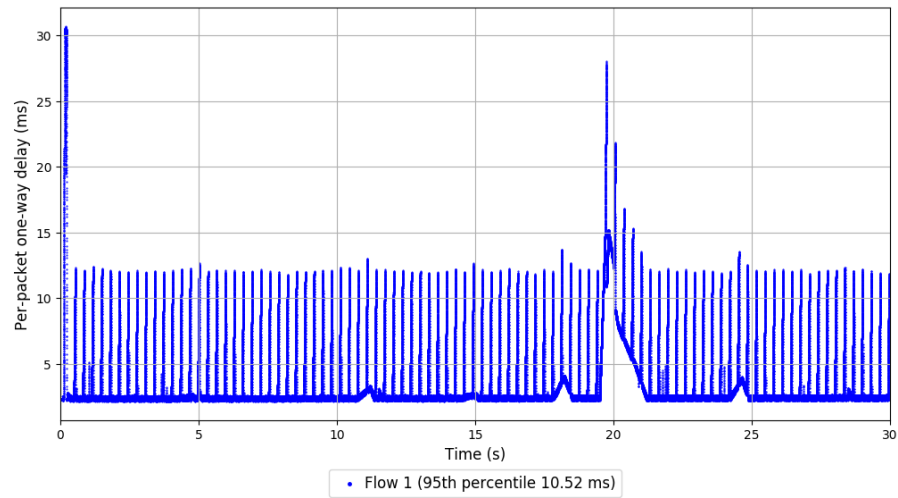
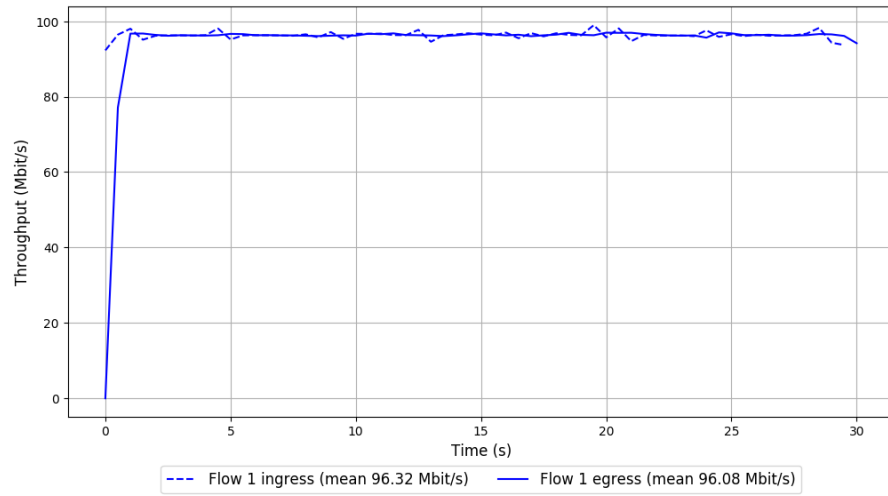


Run 1: Statistics of FillP

Start at: 2019-02-05 02:45:02
End at: 2019-02-05 02:45:32
Local clock offset: 1.481 ms
Remote clock offset: -0.335 ms

Below is generated by plot.py at 2019-02-05 04:24:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 10.516 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 10.516 ms
Loss rate: 0.25%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-02-05 03:08:29

End at: 2019-02-05 03:08:59

Local clock offset: -1.845 ms

Remote clock offset: -0.16 ms

Below is generated by plot.py at 2019-02-05 04:24:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.05 Mbit/s

95th percentile per-packet one-way delay: 10.431 ms

Loss rate: 0.26%

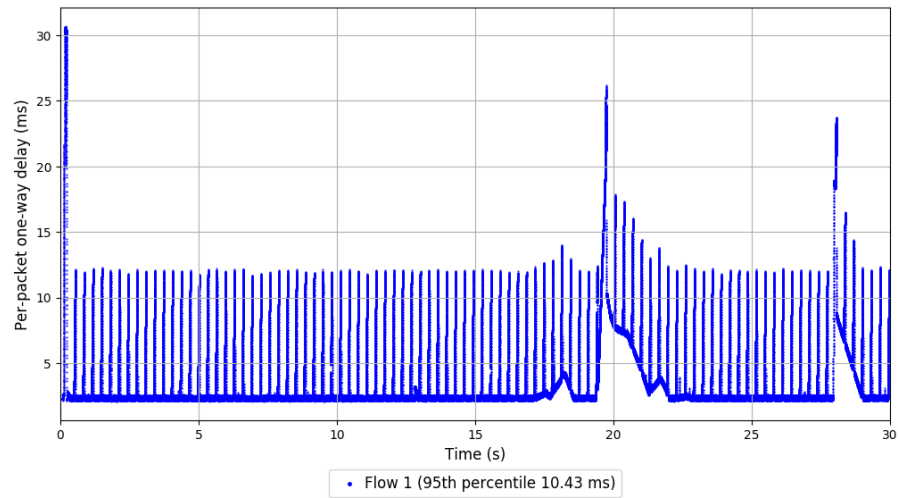
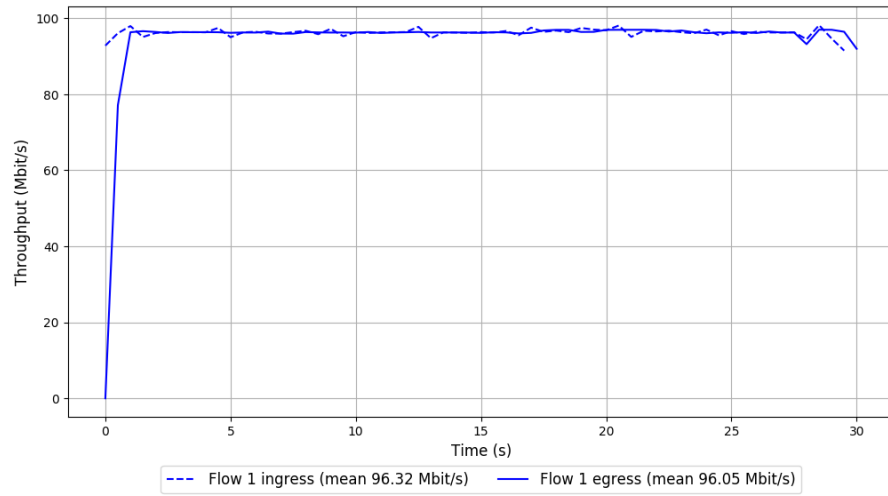
-- Flow 1:

Average throughput: 96.05 Mbit/s

95th percentile per-packet one-way delay: 10.431 ms

Loss rate: 0.26%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-02-05 03:31:56

End at: 2019-02-05 03:32:26

Local clock offset: -1.984 ms

Remote clock offset: 0.117 ms

Below is generated by plot.py at 2019-02-05 04:24:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 8.198 ms

Loss rate: 0.32%

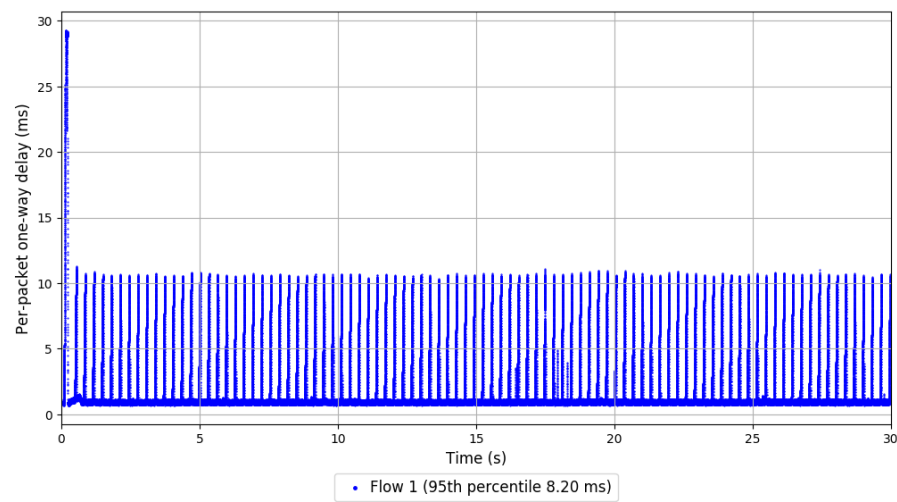
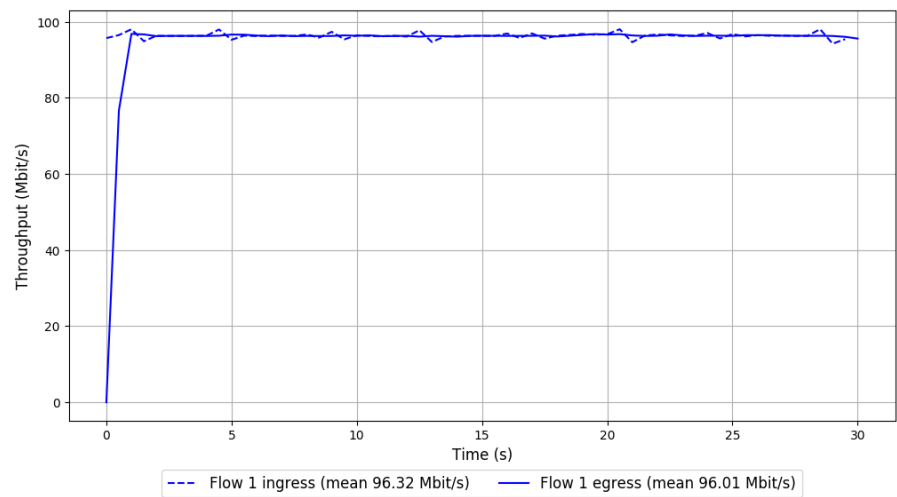
-- Flow 1:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 8.198 ms

Loss rate: 0.32%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-02-05 03:55:22

End at: 2019-02-05 03:55:52

Local clock offset: -2.558 ms

Remote clock offset: 0.32 ms

Below is generated by plot.py at 2019-02-05 04:24:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 8.342 ms

Loss rate: 0.21%

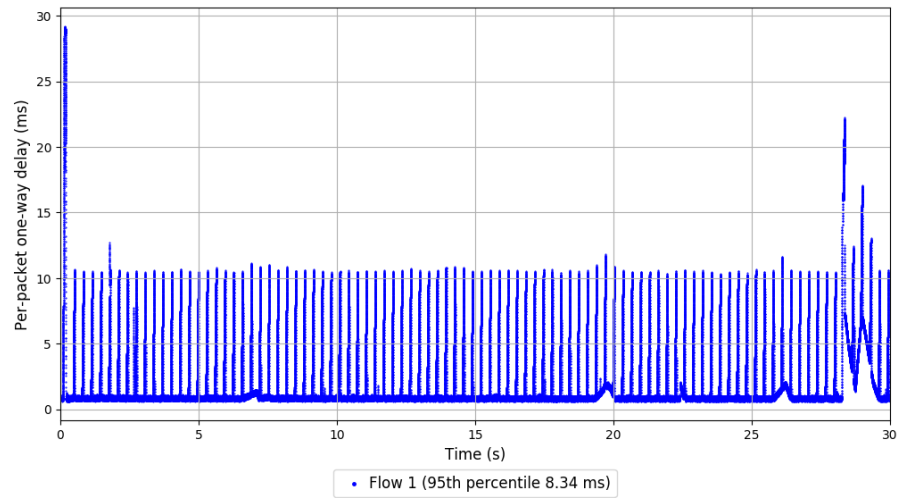
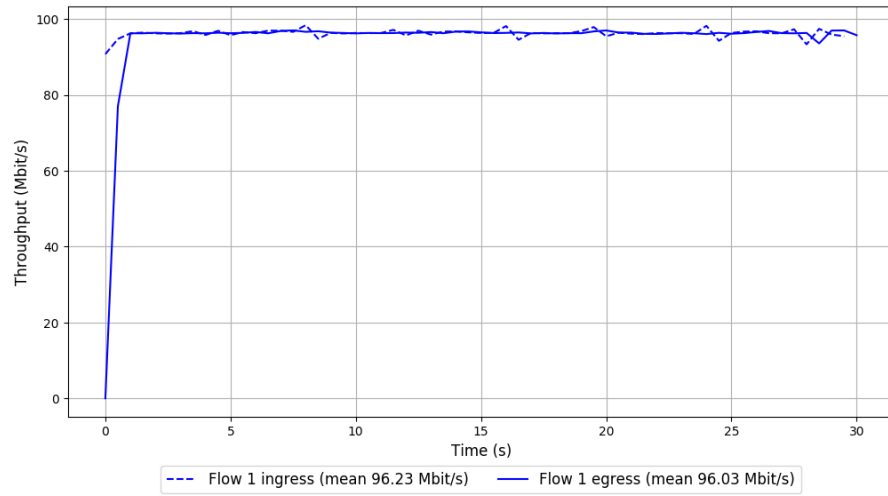
-- Flow 1:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 8.342 ms

Loss rate: 0.21%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-02-05 04:18:44

End at: 2019-02-05 04:19:14

Local clock offset: -2.668 ms

Remote clock offset: 0.891 ms

Below is generated by plot.py at 2019-02-05 04:24:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 8.663 ms

Loss rate: 0.29%

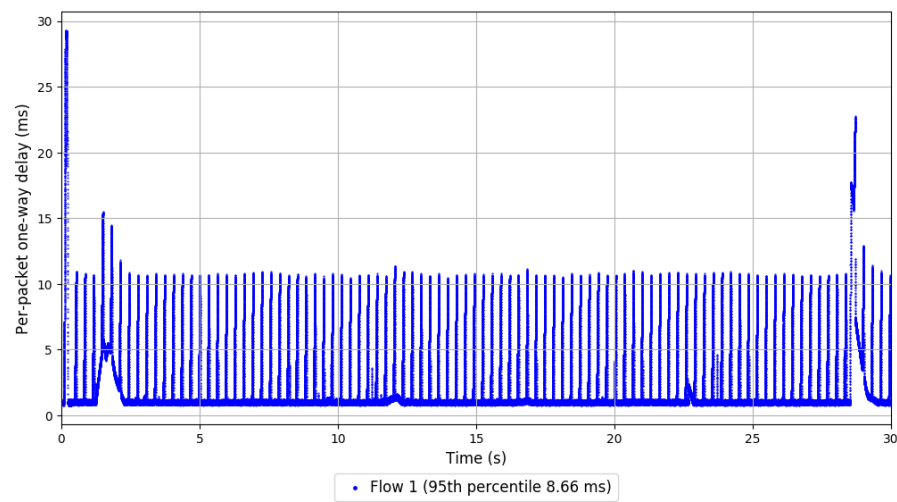
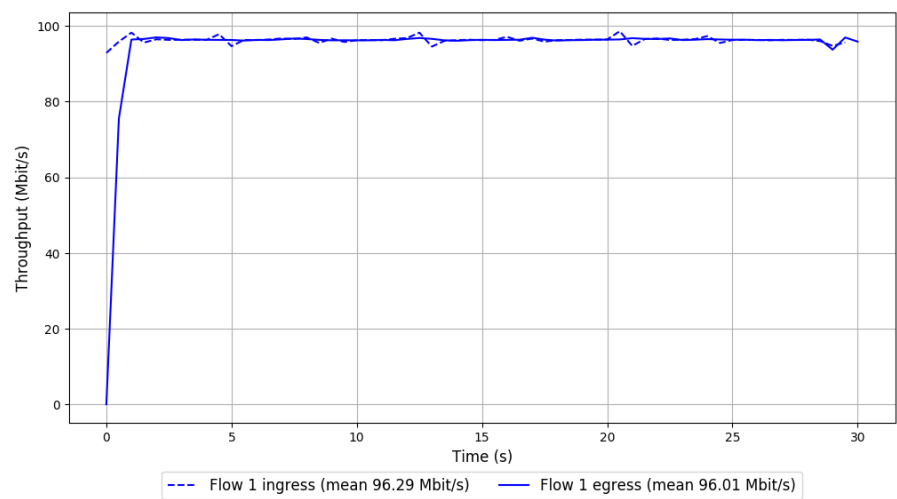
-- Flow 1:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 8.663 ms

Loss rate: 0.29%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-02-05 02:30:26

End at: 2019-02-05 02:30:56

Local clock offset: 0.564 ms

Remote clock offset: -0.382 ms

Below is generated by plot.py at 2019-02-05 04:24:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.55 Mbit/s

95th percentile per-packet one-way delay: 6.268 ms

Loss rate: 0.09%

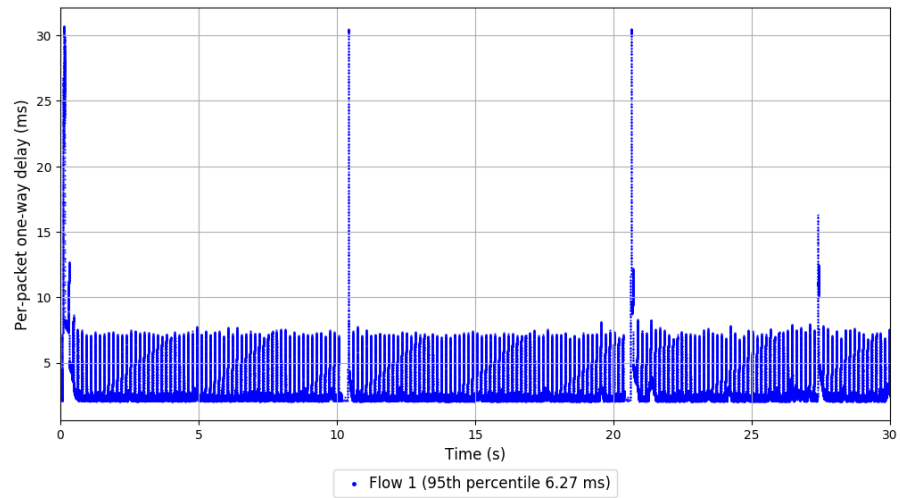
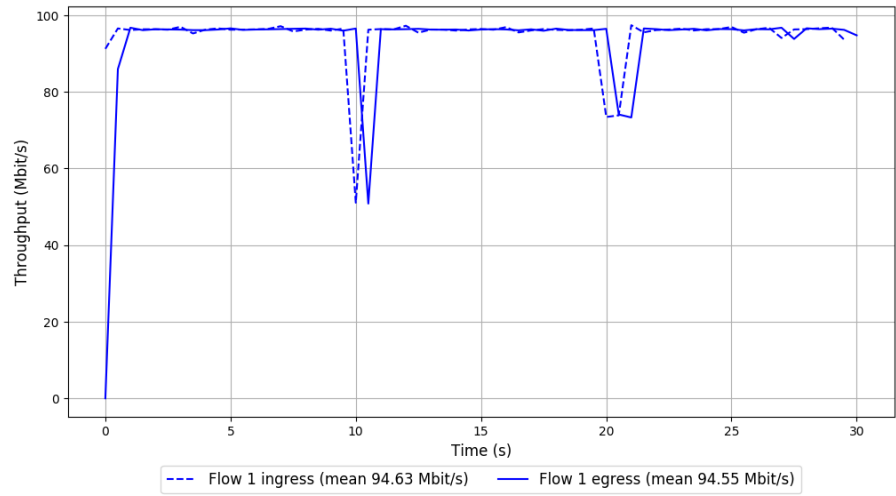
-- Flow 1:

Average throughput: 94.55 Mbit/s

95th percentile per-packet one-way delay: 6.268 ms

Loss rate: 0.09%

Run 1: Report of FillP-Sheep — Data Link

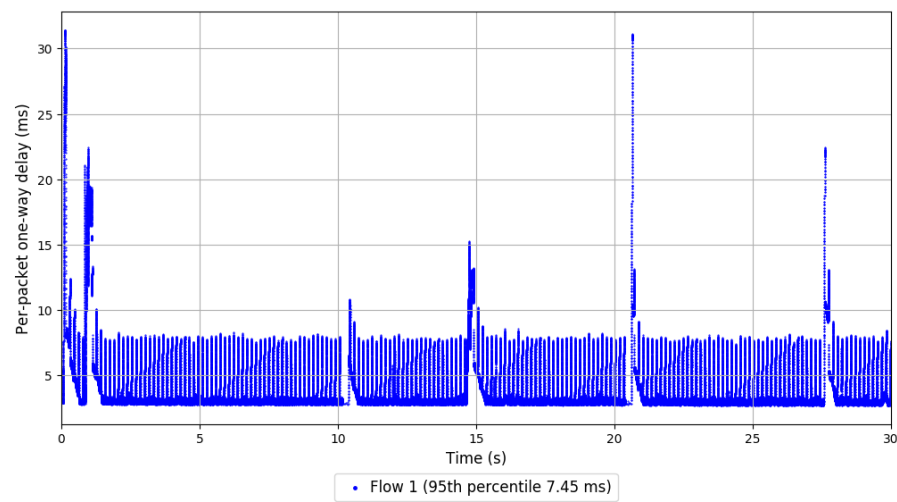
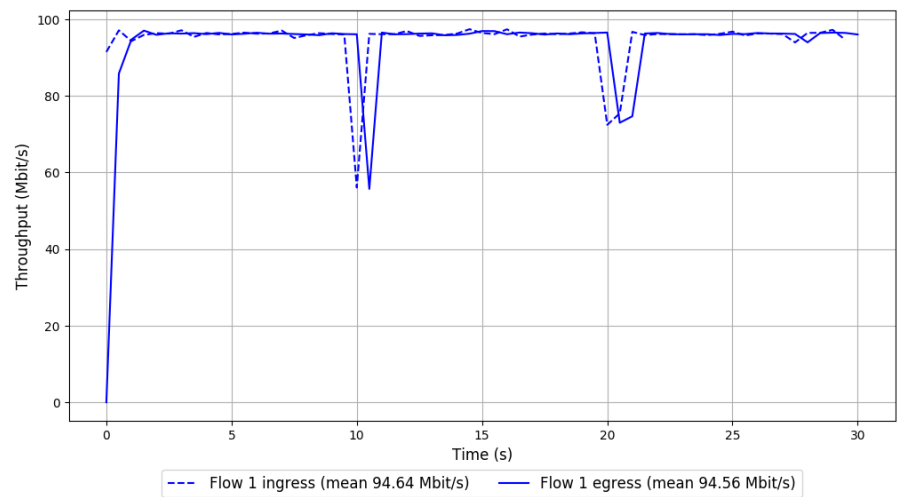


Run 2: Statistics of FillP-Sheep

Start at: 2019-02-05 02:53:59
End at: 2019-02-05 02:54:29
Local clock offset: -1.876 ms
Remote clock offset: -0.212 ms

Below is generated by plot.py at 2019-02-05 04:25:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.56 Mbit/s
95th percentile per-packet one-way delay: 7.453 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 94.56 Mbit/s
95th percentile per-packet one-way delay: 7.453 ms
Loss rate: 0.08%

Run 2: Report of FillP-Sheep — Data Link

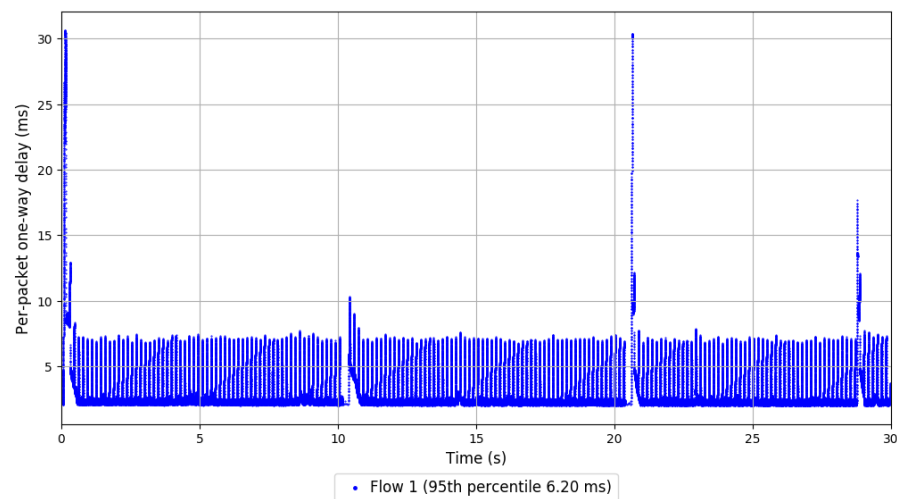
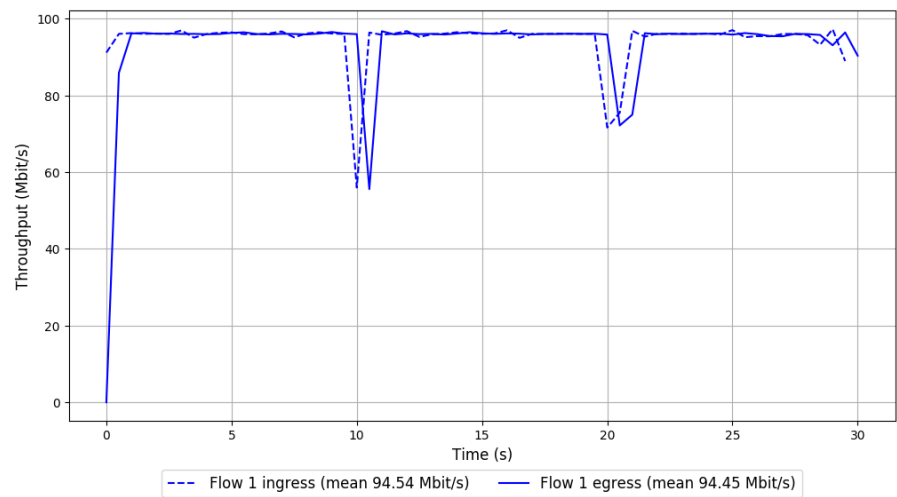


Run 3: Statistics of FillP-Sheep

Start at: 2019-02-05 03:17:26
End at: 2019-02-05 03:17:56
Local clock offset: -1.624 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2019-02-05 04:25:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 6.196 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 6.196 ms
Loss rate: 0.08%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-02-05 03:40:54

End at: 2019-02-05 03:41:24

Local clock offset: -1.687 ms

Remote clock offset: 0.177 ms

Below is generated by plot.py at 2019-02-05 04:25:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.72 Mbit/s

95th percentile per-packet one-way delay: 6.175 ms

Loss rate: 0.09%

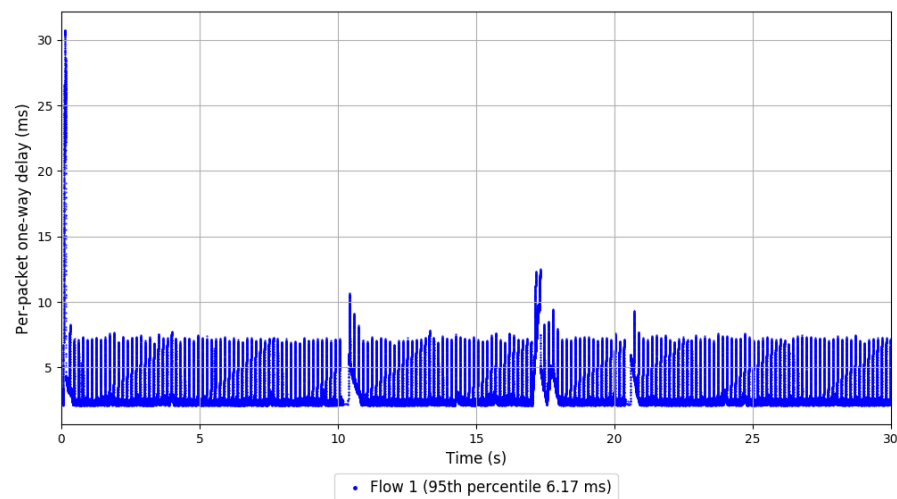
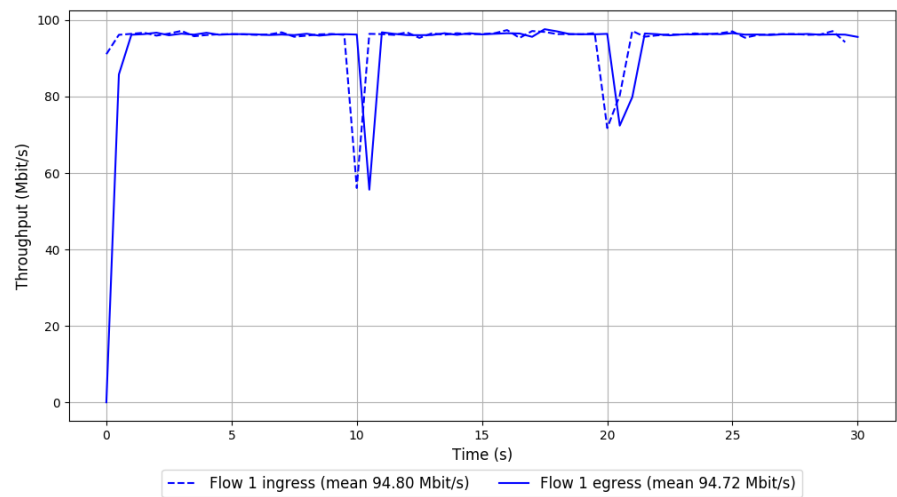
-- Flow 1:

Average throughput: 94.72 Mbit/s

95th percentile per-packet one-way delay: 6.175 ms

Loss rate: 0.09%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-02-05 04:04:17

End at: 2019-02-05 04:04:47

Local clock offset: -2.728 ms

Remote clock offset: 0.488 ms

Below is generated by plot.py at 2019-02-05 04:25:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.42 Mbit/s

95th percentile per-packet one-way delay: 4.759 ms

Loss rate: 0.07%

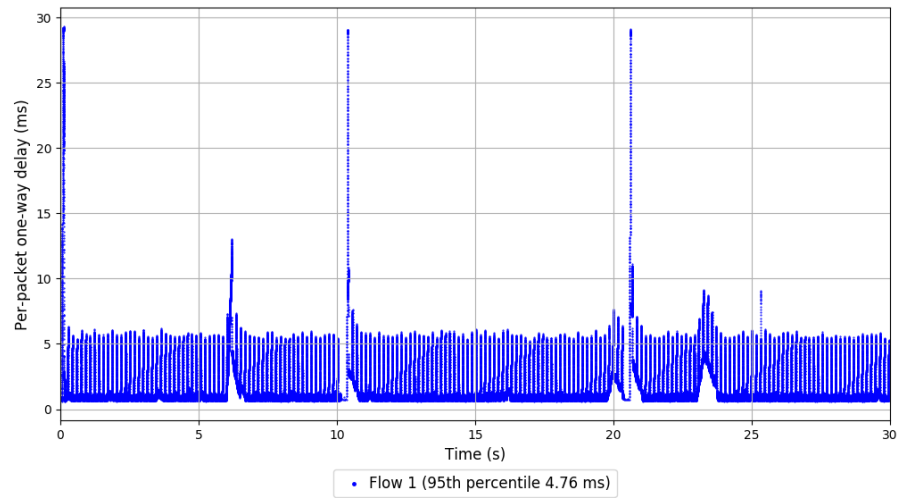
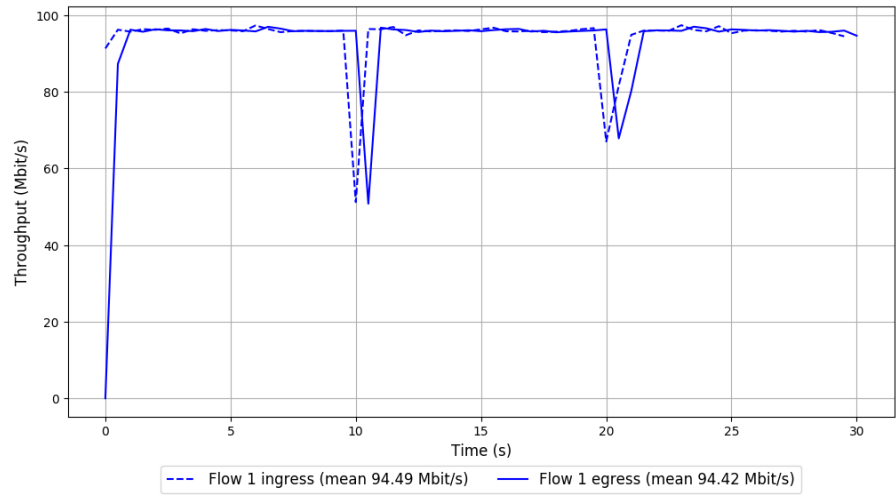
-- Flow 1:

Average throughput: 94.42 Mbit/s

95th percentile per-packet one-way delay: 4.759 ms

Loss rate: 0.07%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-02-05 02:27:05

End at: 2019-02-05 02:27:35

Local clock offset: 0.149 ms

Remote clock offset: -0.374 ms

Below is generated by plot.py at 2019-02-05 04:25:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.18 Mbit/s

95th percentile per-packet one-way delay: 5.799 ms

Loss rate: 0.00%

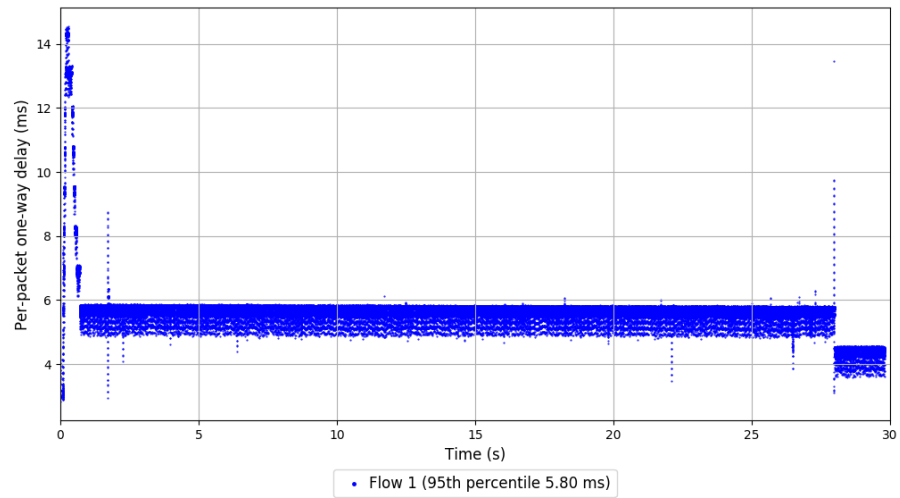
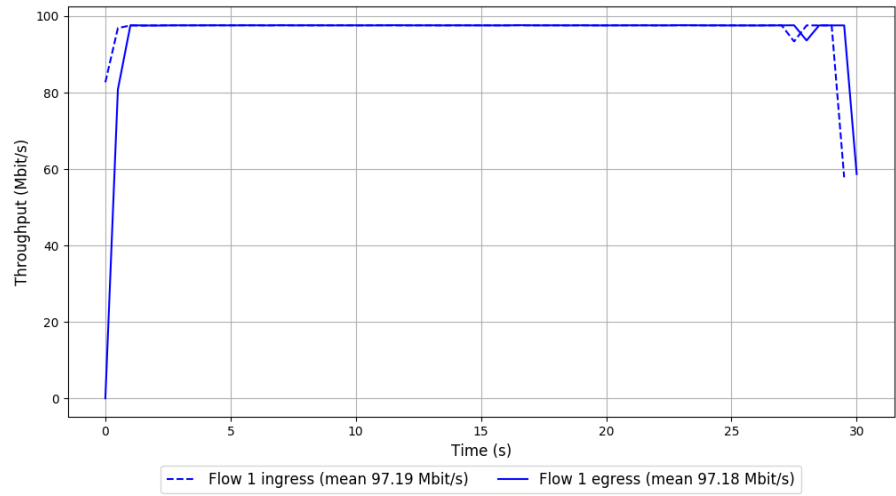
-- Flow 1:

Average throughput: 97.18 Mbit/s

95th percentile per-packet one-way delay: 5.799 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

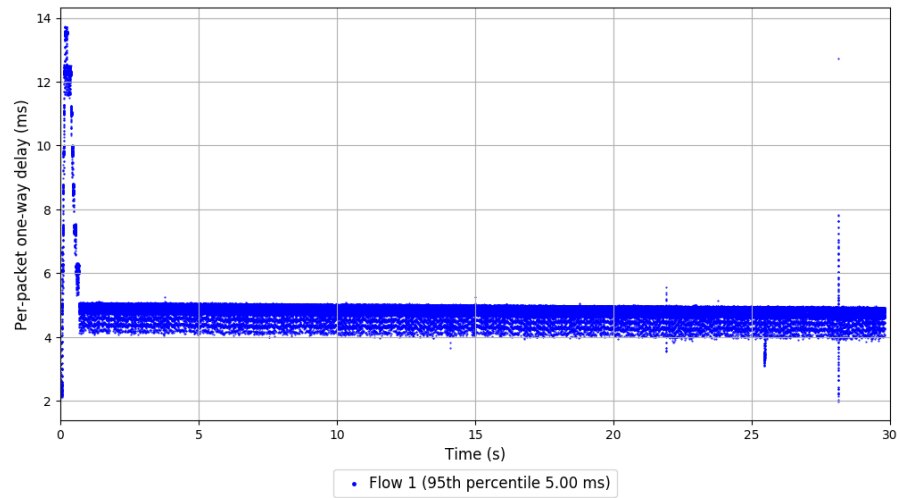
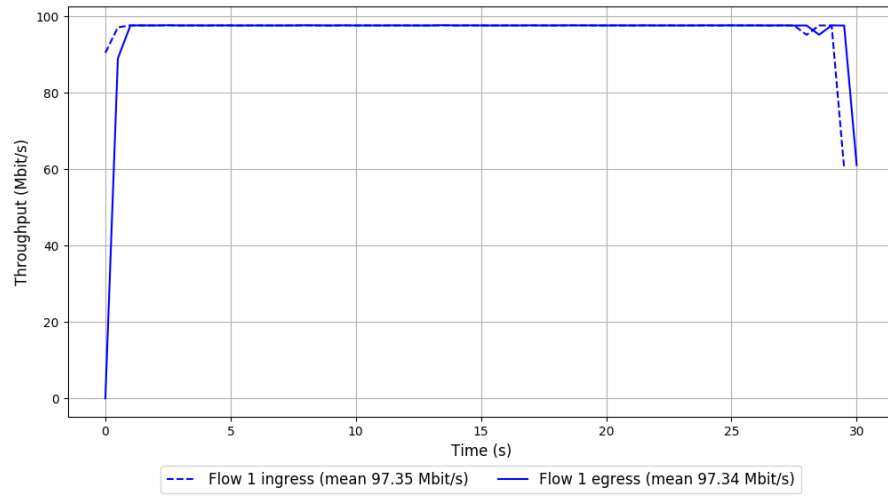


Run 2: Statistics of Indigo

Start at: 2019-02-05 02:50:38
End at: 2019-02-05 02:51:08
Local clock offset: -0.339 ms
Remote clock offset: -0.283 ms

Below is generated by plot.py at 2019-02-05 04:25:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 4.999 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 4.999 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-02-05 03:14:06

End at: 2019-02-05 03:14:36

Local clock offset: -1.601 ms

Remote clock offset: -0.111 ms

Below is generated by plot.py at 2019-02-05 04:25:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 3.955 ms

Loss rate: 0.00%

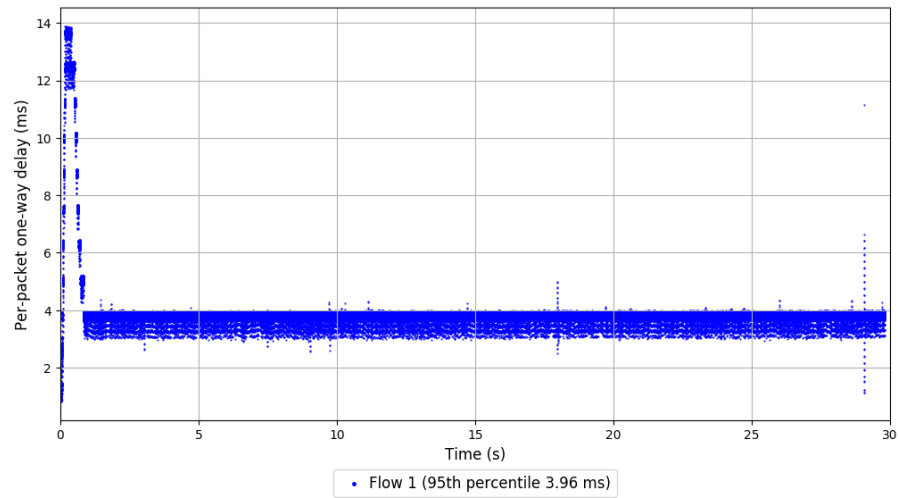
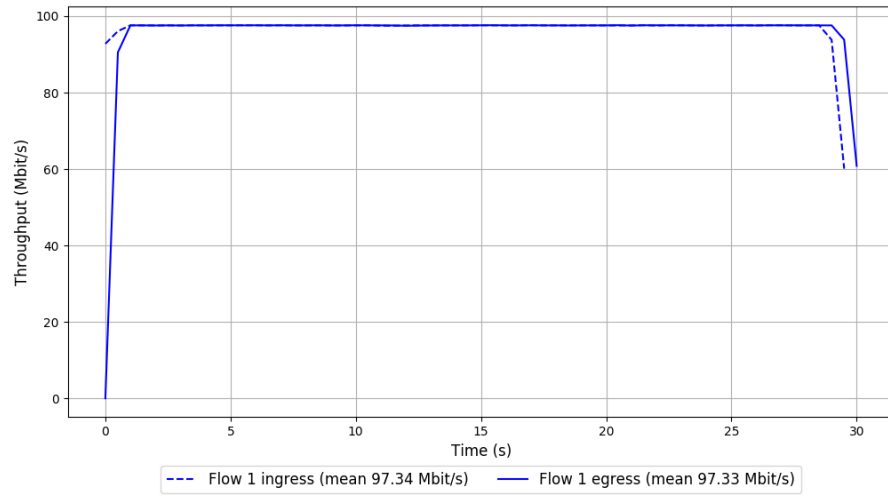
-- Flow 1:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 3.955 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-02-05 03:37:33

End at: 2019-02-05 03:38:03

Local clock offset: -2.547 ms

Remote clock offset: 0.151 ms

Below is generated by plot.py at 2019-02-05 04:25:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.37 Mbit/s

95th percentile per-packet one-way delay: 5.890 ms

Loss rate: 0.00%

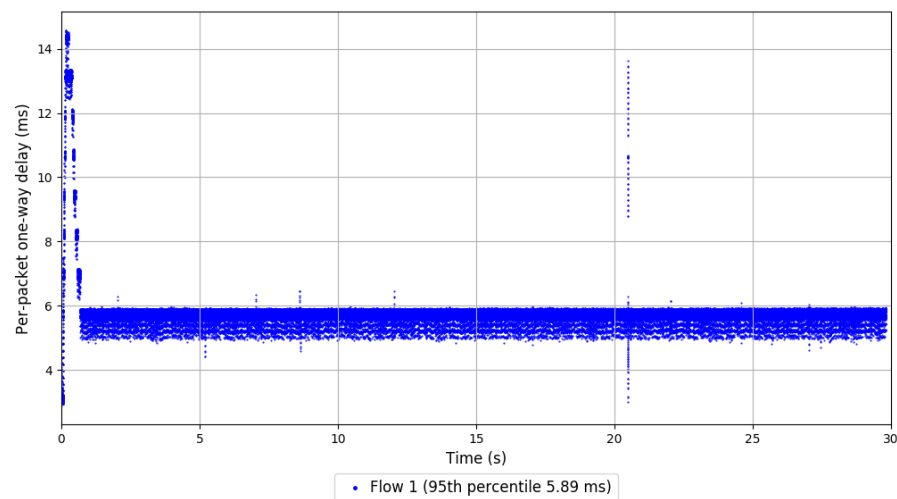
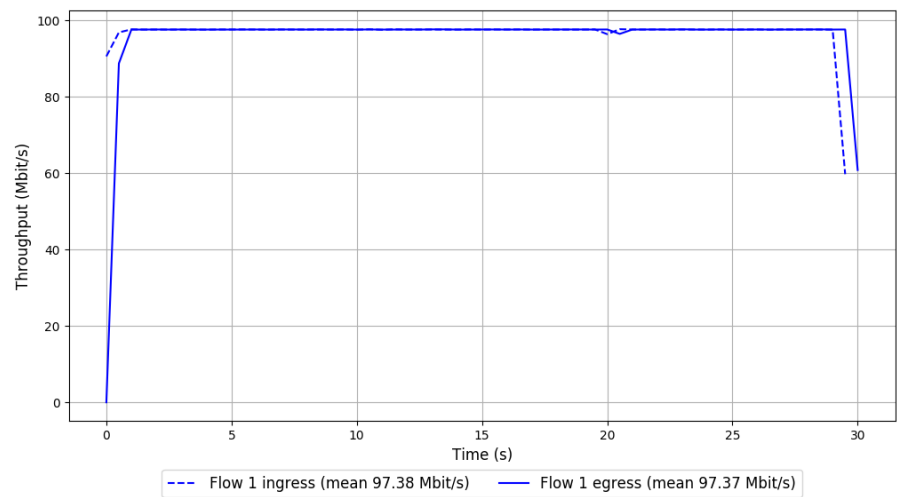
-- Flow 1:

Average throughput: 97.37 Mbit/s

95th percentile per-packet one-way delay: 5.890 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-02-05 04:00:57

End at: 2019-02-05 04:01:27

Local clock offset: -2.711 ms

Remote clock offset: 0.522 ms

Below is generated by plot.py at 2019-02-05 04:26:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 2.833 ms

Loss rate: 0.00%

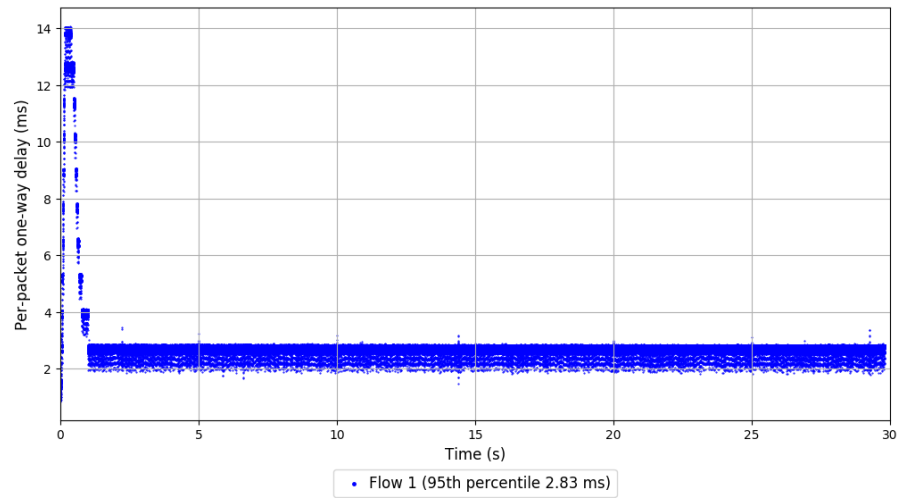
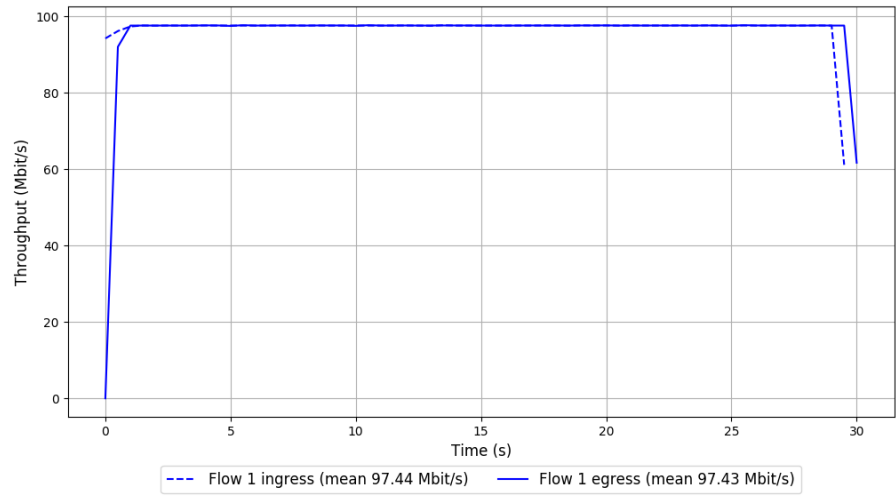
-- Flow 1:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 2.833 ms

Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-02-05 02:33:48

End at: 2019-02-05 02:34:18

Local clock offset: 0.539 ms

Remote clock offset: -0.392 ms

Below is generated by plot.py at 2019-02-05 04:26:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.97 Mbit/s

95th percentile per-packet one-way delay: 3.153 ms

Loss rate: 0.00%

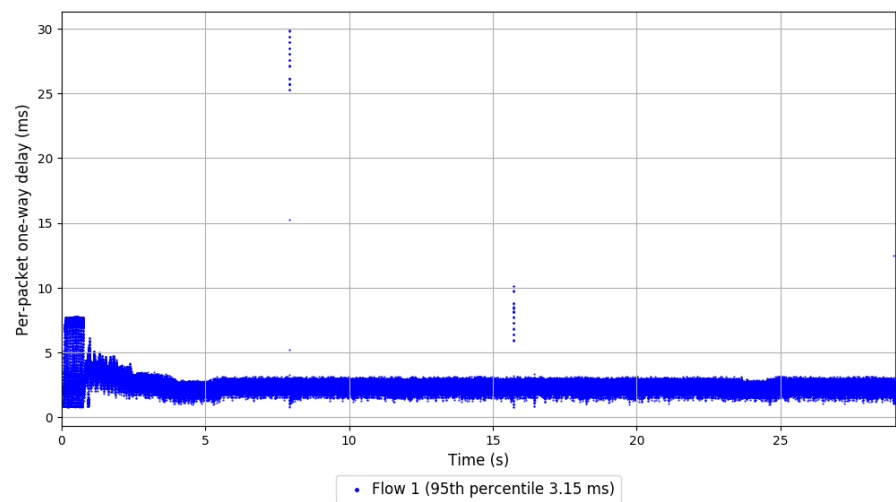
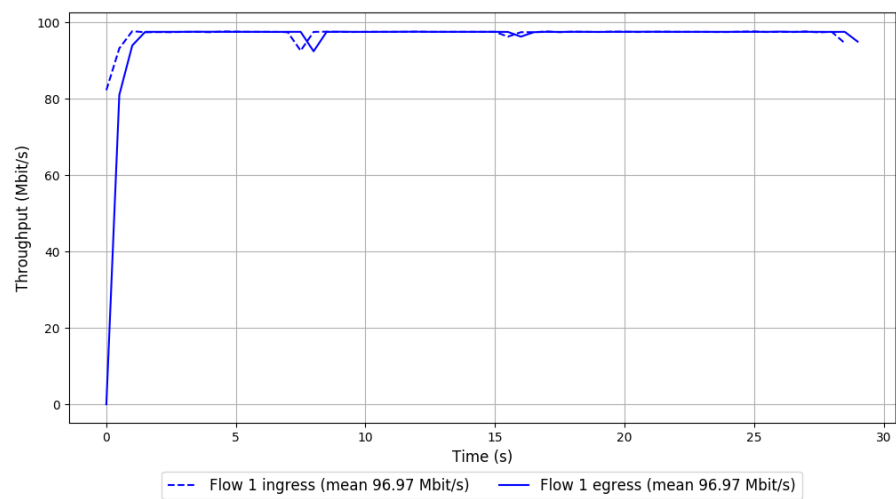
-- Flow 1:

Average throughput: 96.97 Mbit/s

95th percentile per-packet one-way delay: 3.153 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link

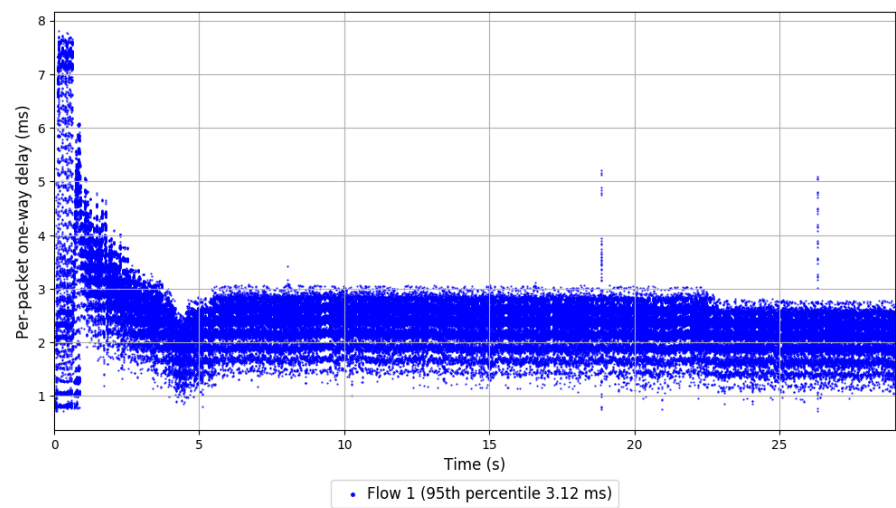
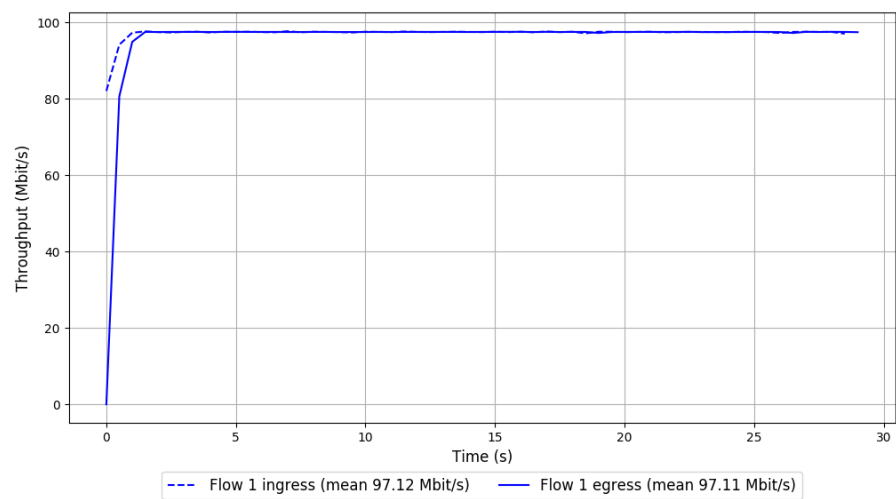


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-02-05 02:57:21
End at: 2019-02-05 02:57:51
Local clock offset: -1.621 ms
Remote clock offset: -0.256 ms

Below is generated by plot.py at 2019-02-05 04:26:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 3.119 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 3.119 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link



Run 3: Statistics of Indigo-MusesC3

Start at: 2019-02-05 03:20:48

End at: 2019-02-05 03:21:18

Local clock offset: -1.914 ms

Remote clock offset: 0.002 ms

Below is generated by plot.py at 2019-02-05 04:26:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.82 Mbit/s

95th percentile per-packet one-way delay: 3.901 ms

Loss rate: 0.00%

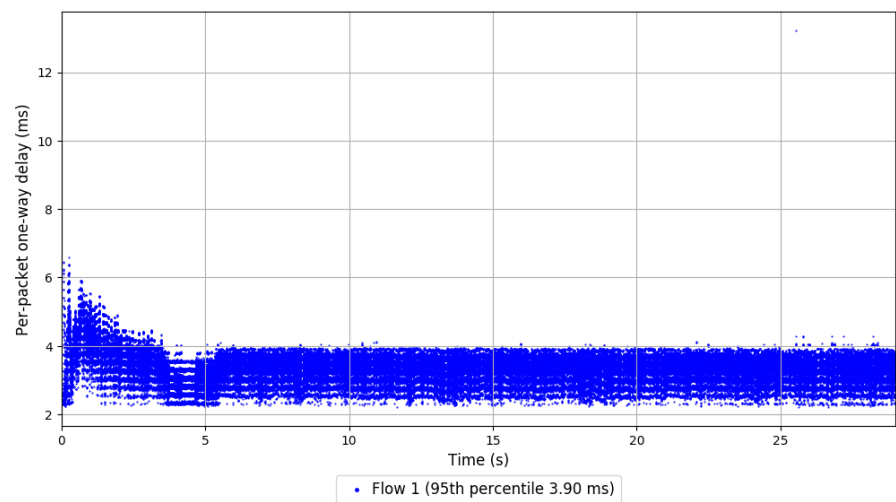
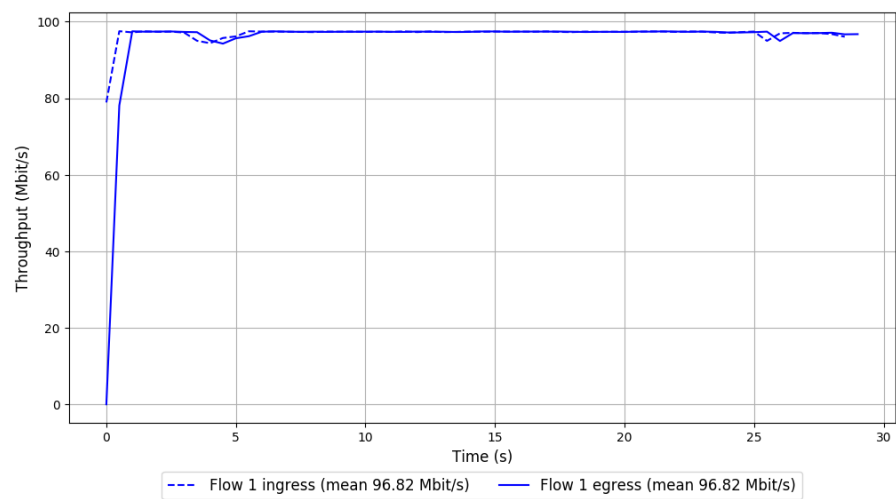
-- Flow 1:

Average throughput: 96.82 Mbit/s

95th percentile per-packet one-way delay: 3.901 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-02-05 03:44:16

End at: 2019-02-05 03:44:46

Local clock offset: -1.535 ms

Remote clock offset: 0.219 ms

Below is generated by plot.py at 2019-02-05 04:26:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 3.116 ms

Loss rate: 0.00%

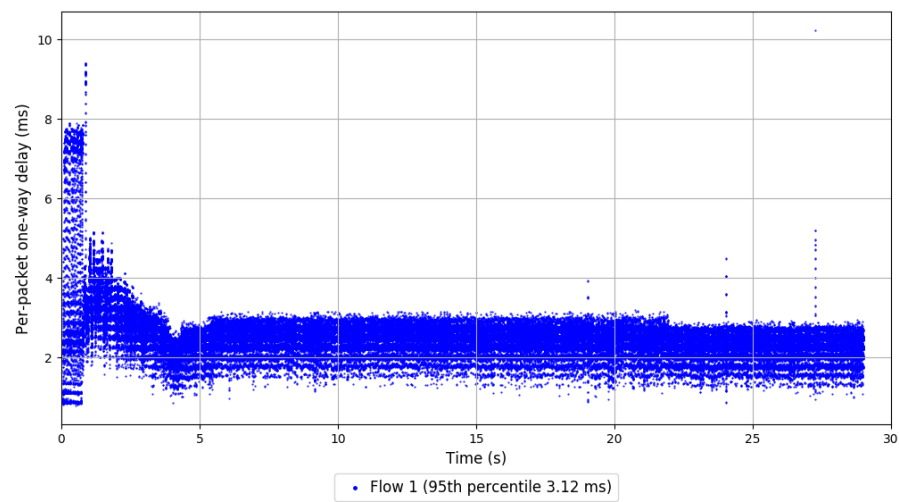
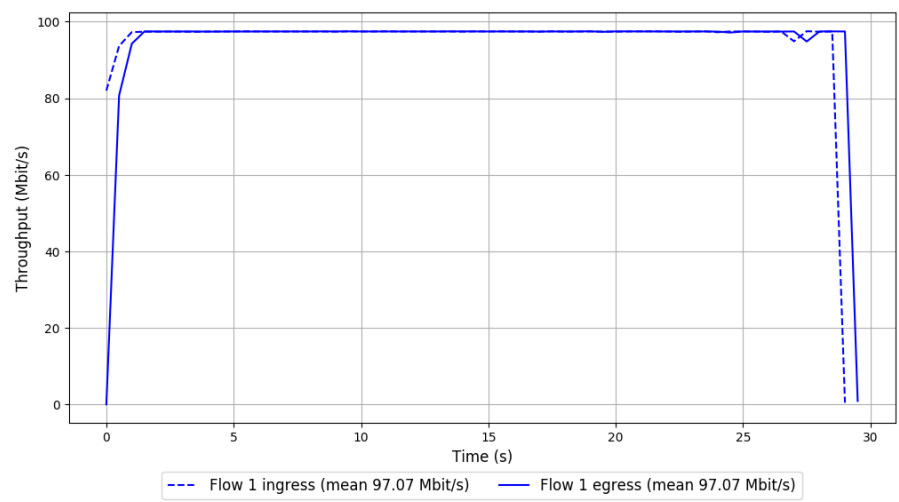
-- Flow 1:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 3.116 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-02-05 04:07:38

End at: 2019-02-05 04:08:08

Local clock offset: -2.792 ms

Remote clock offset: 0.677 ms

Below is generated by plot.py at 2019-02-05 04:26:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.96 Mbit/s

95th percentile per-packet one-way delay: 2.801 ms

Loss rate: 0.00%

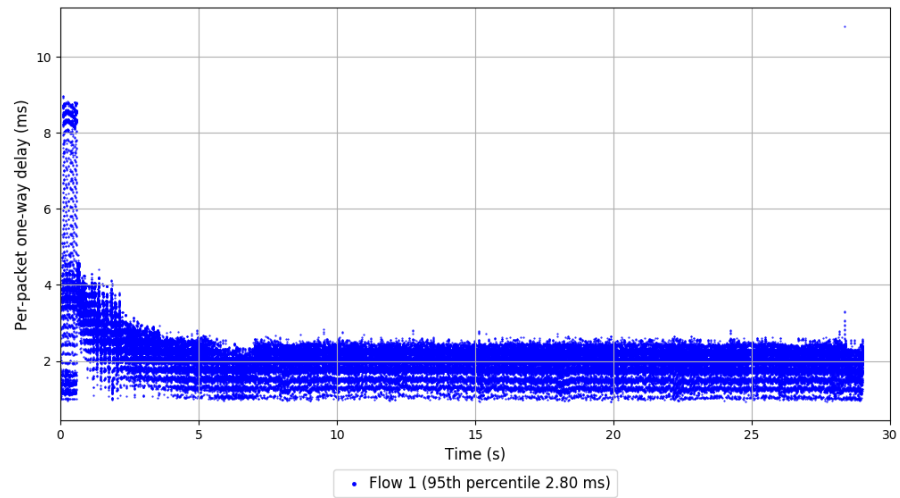
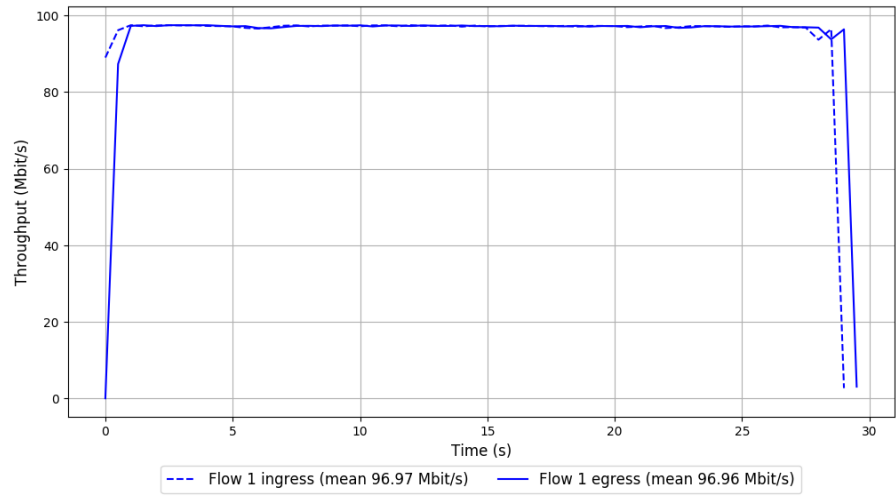
-- Flow 1:

Average throughput: 96.96 Mbit/s

95th percentile per-packet one-way delay: 2.801 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-02-05 02:46:10

End at: 2019-02-05 02:46:40

Local clock offset: 0.826 ms

Remote clock offset: -0.345 ms

Below is generated by plot.py at 2019-02-05 04:26:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.34 Mbit/s

95th percentile per-packet one-way delay: 3.885 ms

Loss rate: 0.00%

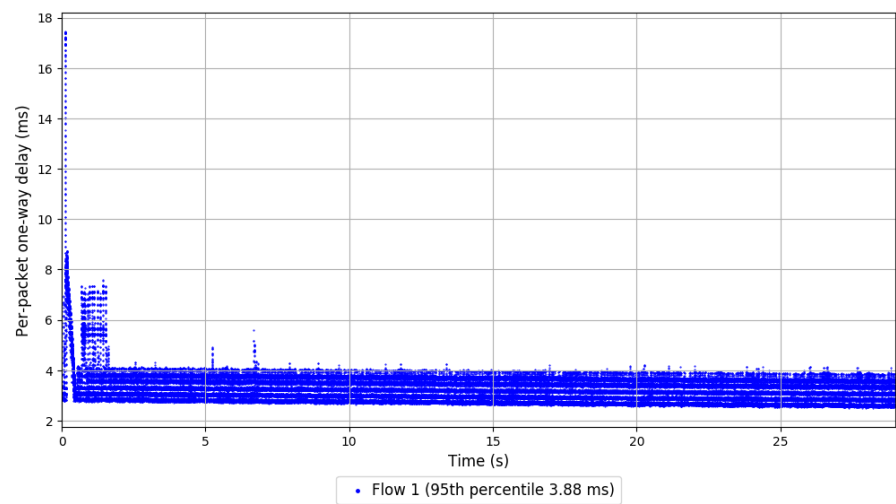
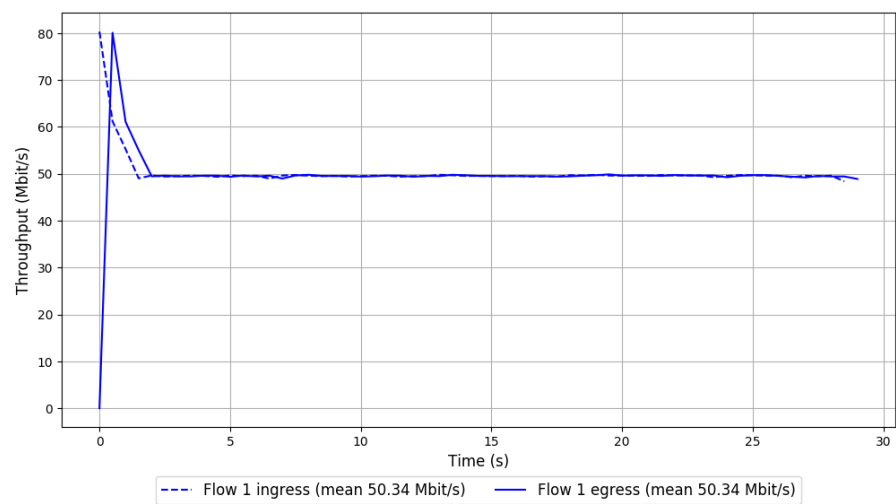
-- Flow 1:

Average throughput: 50.34 Mbit/s

95th percentile per-packet one-way delay: 3.885 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link

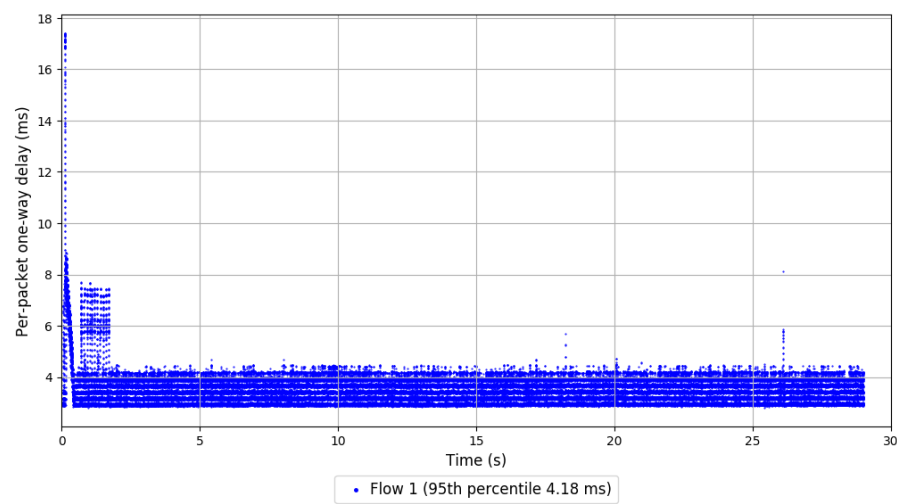
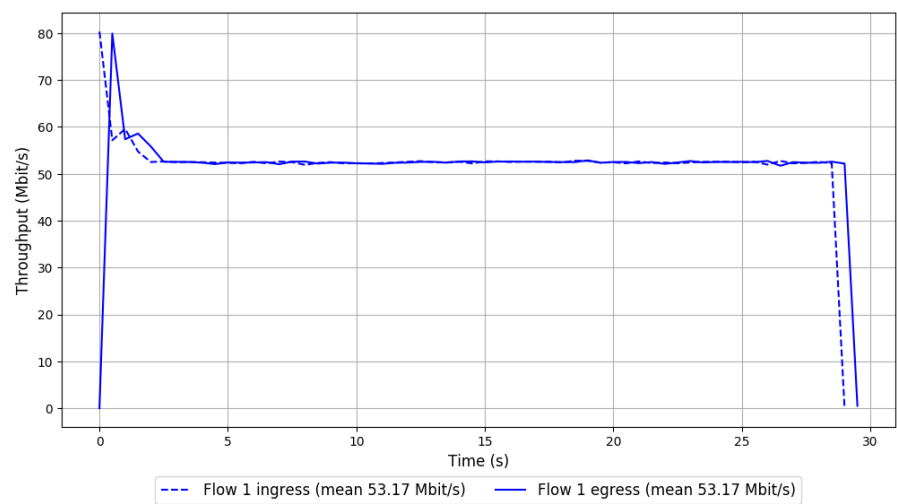


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-02-05 03:09:36
End at: 2019-02-05 03:10:06
Local clock offset: -2.525 ms
Remote clock offset: -0.257 ms

Below is generated by plot.py at 2019-02-05 04:26:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.17 Mbit/s
95th percentile per-packet one-way delay: 4.180 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.17 Mbit/s
95th percentile per-packet one-way delay: 4.180 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-02-05 03:33:04

End at: 2019-02-05 03:33:34

Local clock offset: -1.969 ms

Remote clock offset: 0.03 ms

Below is generated by plot.py at 2019-02-05 04:27:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.91 Mbit/s

95th percentile per-packet one-way delay: 3.884 ms

Loss rate: 0.00%

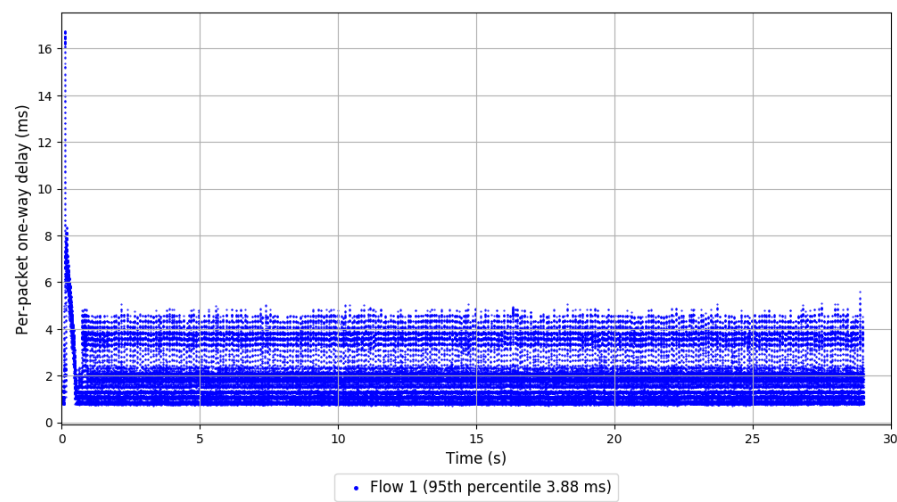
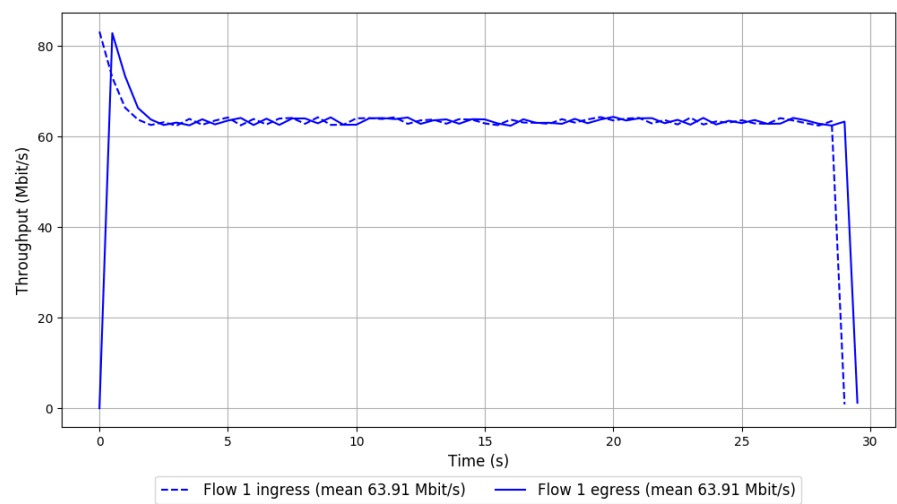
-- Flow 1:

Average throughput: 63.91 Mbit/s

95th percentile per-packet one-way delay: 3.884 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-02-05 03:56:29

End at: 2019-02-05 03:56:59

Local clock offset: -2.592 ms

Remote clock offset: 0.41 ms

Below is generated by plot.py at 2019-02-05 04:27:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 28.35 Mbit/s

95th percentile per-packet one-way delay: 4.871 ms

Loss rate: 0.00%

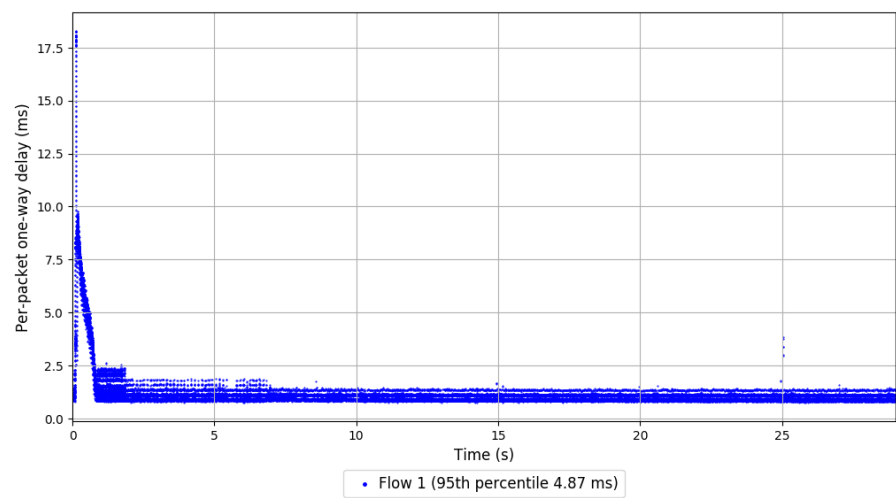
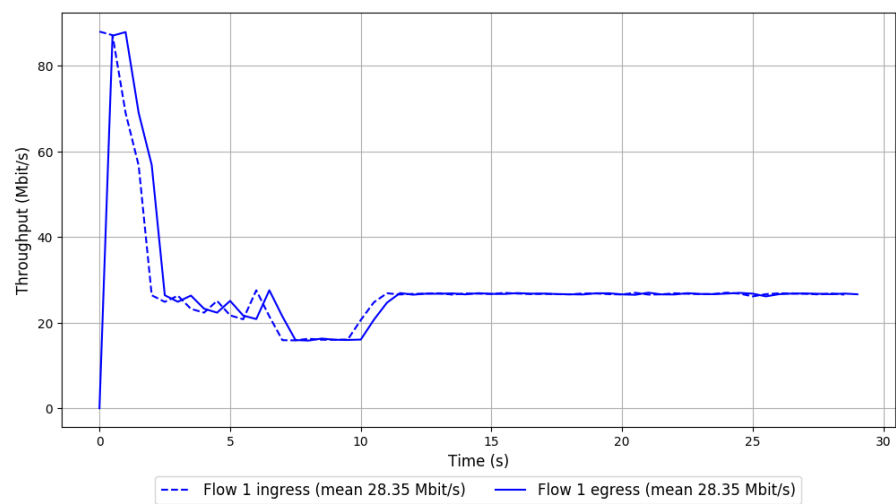
-- Flow 1:

Average throughput: 28.35 Mbit/s

95th percentile per-packet one-way delay: 4.871 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-02-05 04:19:52

End at: 2019-02-05 04:20:22

Local clock offset: -2.663 ms

Remote clock offset: 0.793 ms

Below is generated by plot.py at 2019-02-05 04:27:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.13 Mbit/s

95th percentile per-packet one-way delay: 2.796 ms

Loss rate: 0.00%

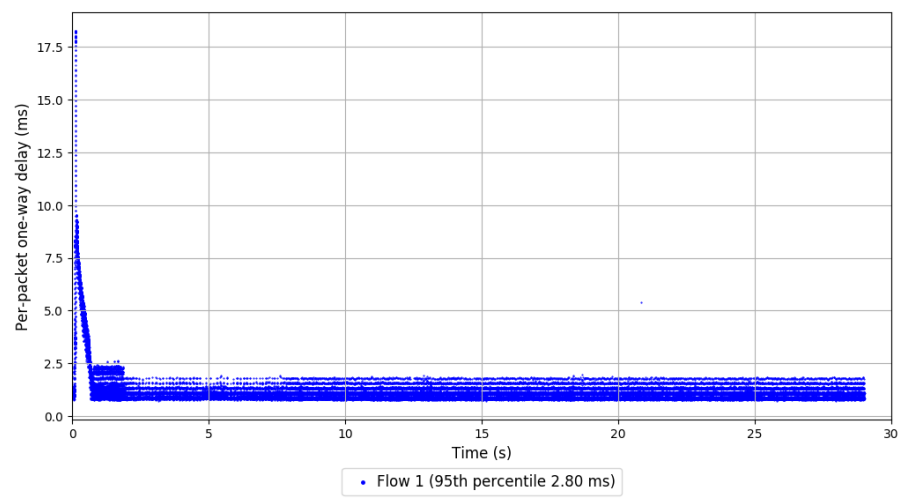
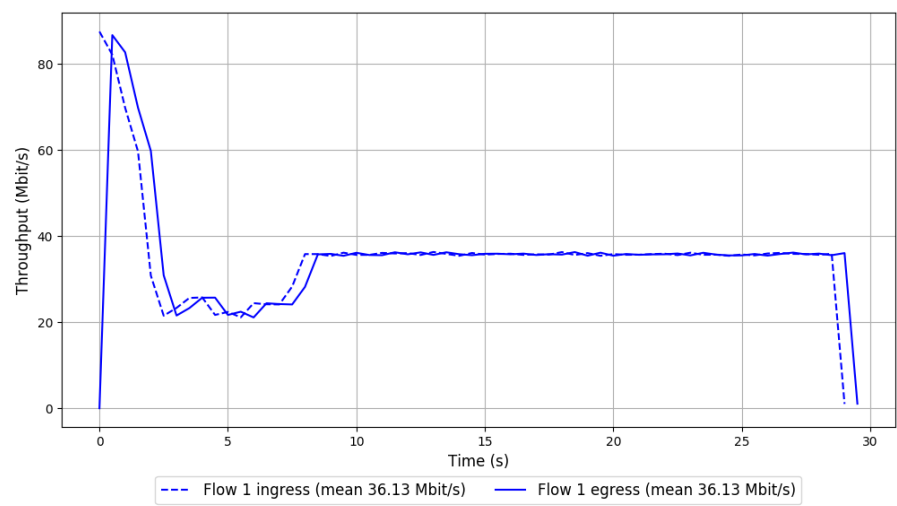
-- Flow 1:

Average throughput: 36.13 Mbit/s

95th percentile per-packet one-way delay: 2.796 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link

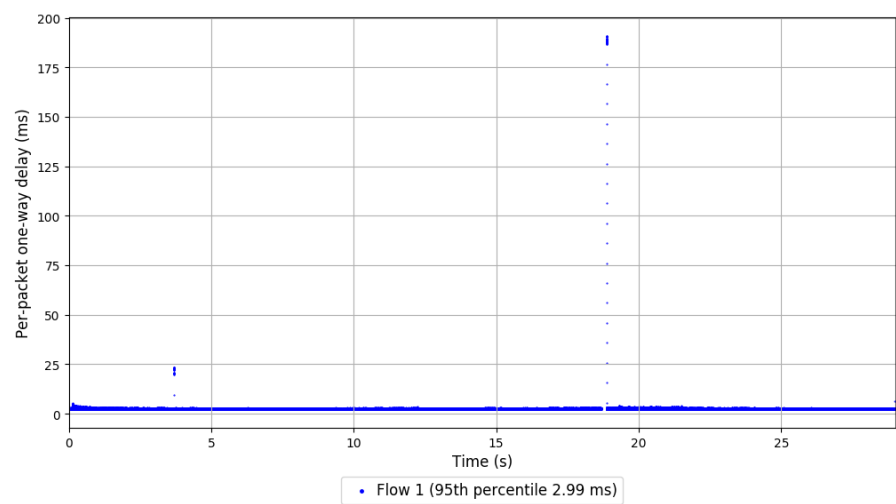
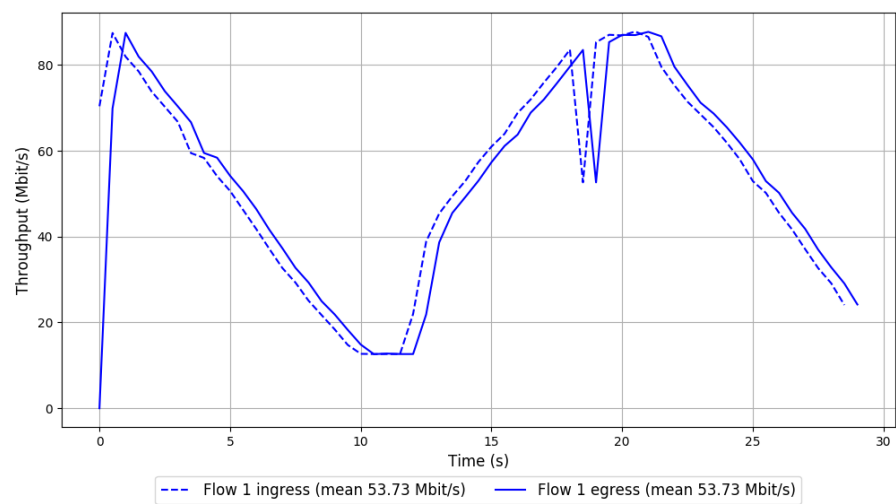


```
Run 1: Statistics of Indigo-MusesD

Start at: 2019-02-05 02:39:26
End at: 2019-02-05 02:39:56
Local clock offset: 0.825 ms
Remote clock offset: -0.326 ms

# Below is generated by plot.py at 2019-02-05 04:27:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 2.994 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 2.994 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-02-05 03:02:53

End at: 2019-02-05 03:03:23

Local clock offset: -2.64 ms

Remote clock offset: -0.165 ms

Below is generated by plot.py at 2019-02-05 04:27:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.40 Mbit/s

95th percentile per-packet one-way delay: 3.737 ms

Loss rate: 0.00%

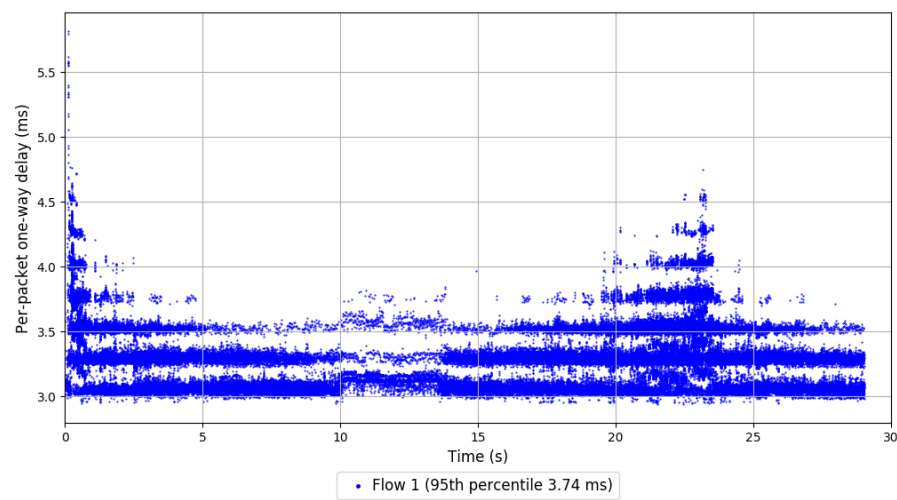
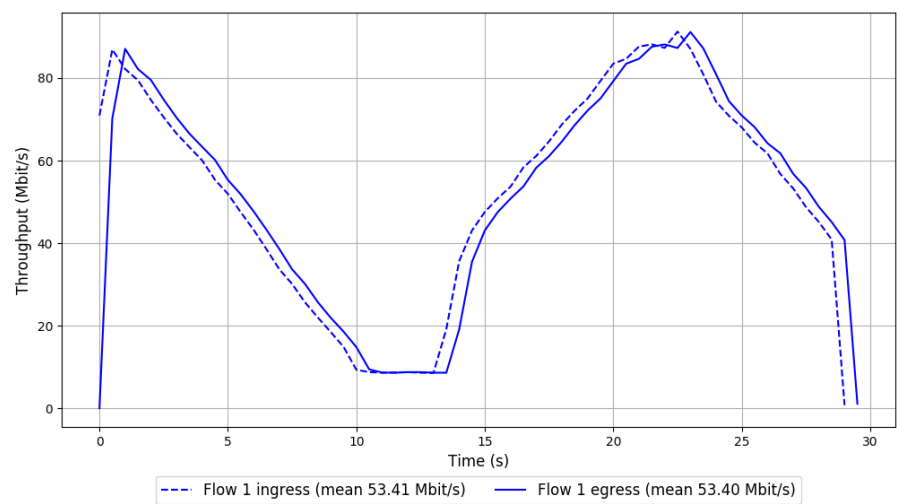
-- Flow 1:

Average throughput: 53.40 Mbit/s

95th percentile per-packet one-way delay: 3.737 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-02-05 03:26:21

End at: 2019-02-05 03:26:51

Local clock offset: -2.808 ms

Remote clock offset: 0.039 ms

Below is generated by plot.py at 2019-02-05 04:27:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.20 Mbit/s

95th percentile per-packet one-way delay: 3.775 ms

Loss rate: 0.00%

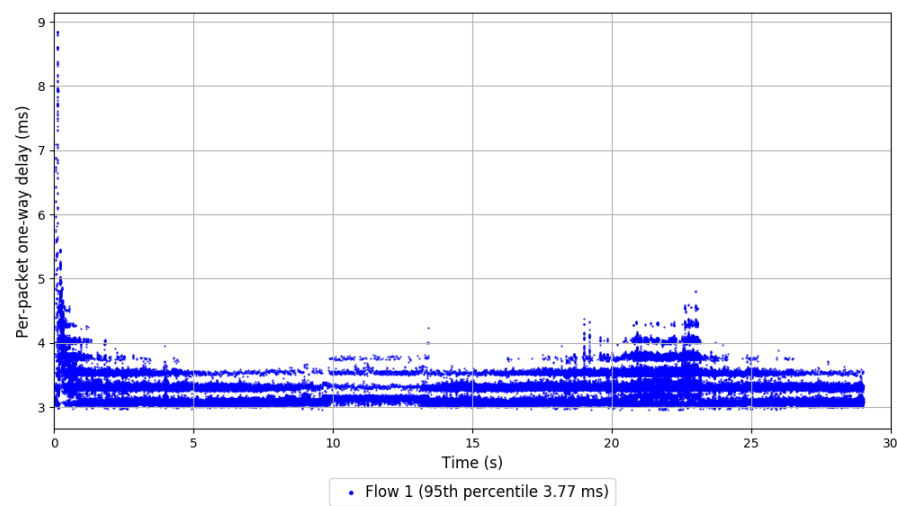
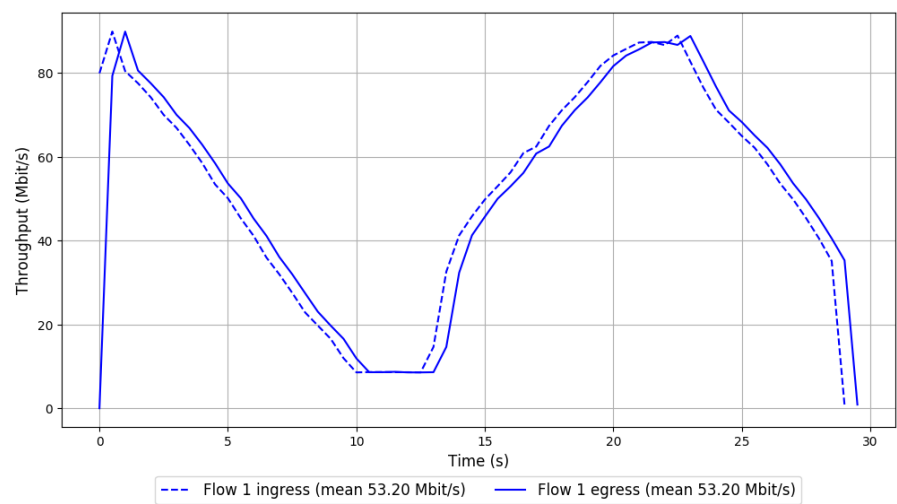
-- Flow 1:

Average throughput: 53.20 Mbit/s

95th percentile per-packet one-way delay: 3.775 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-02-05 03:49:47

End at: 2019-02-05 03:50:17

Local clock offset: -2.081 ms

Remote clock offset: 0.342 ms

Below is generated by plot.py at 2019-02-05 04:27:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.53 Mbit/s

95th percentile per-packet one-way delay: 2.841 ms

Loss rate: 0.00%

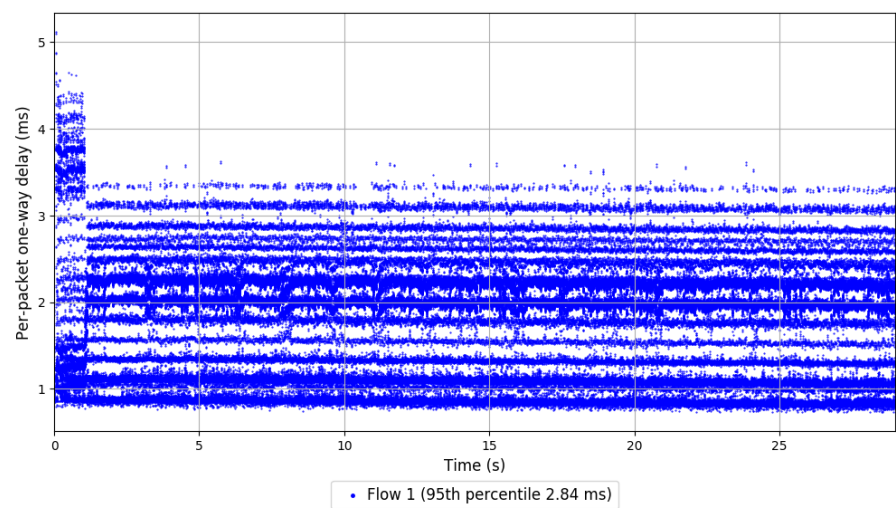
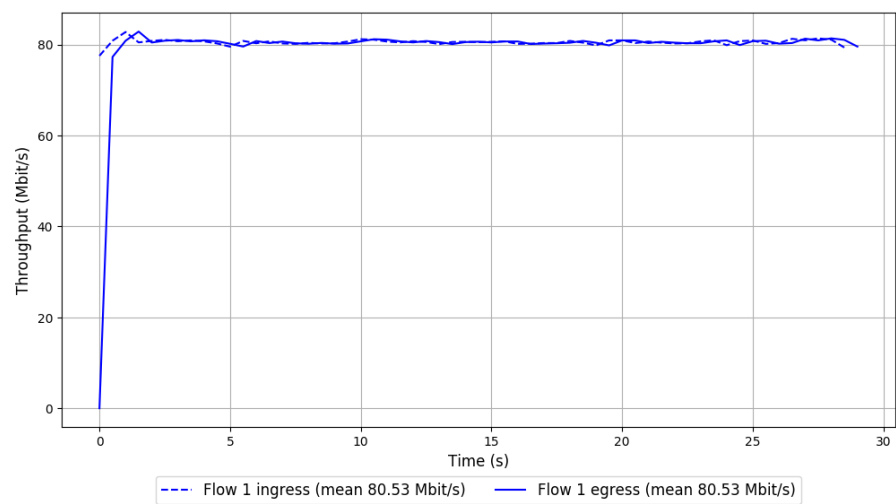
-- Flow 1:

Average throughput: 80.53 Mbit/s

95th percentile per-packet one-way delay: 2.841 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-02-05 04:13:09

End at: 2019-02-05 04:13:39

Local clock offset: -2.667 ms

Remote clock offset: 0.741 ms

Below is generated by plot.py at 2019-02-05 04:27:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.48 Mbit/s

95th percentile per-packet one-way delay: 2.906 ms

Loss rate: 0.00%

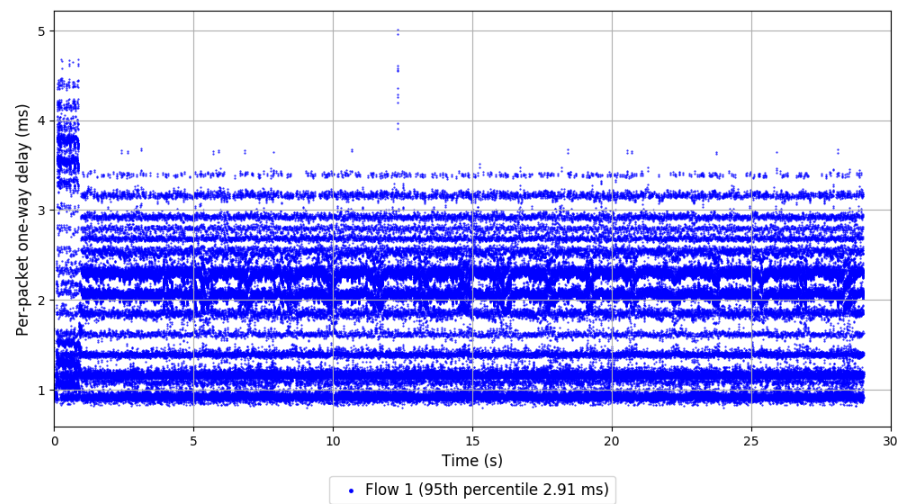
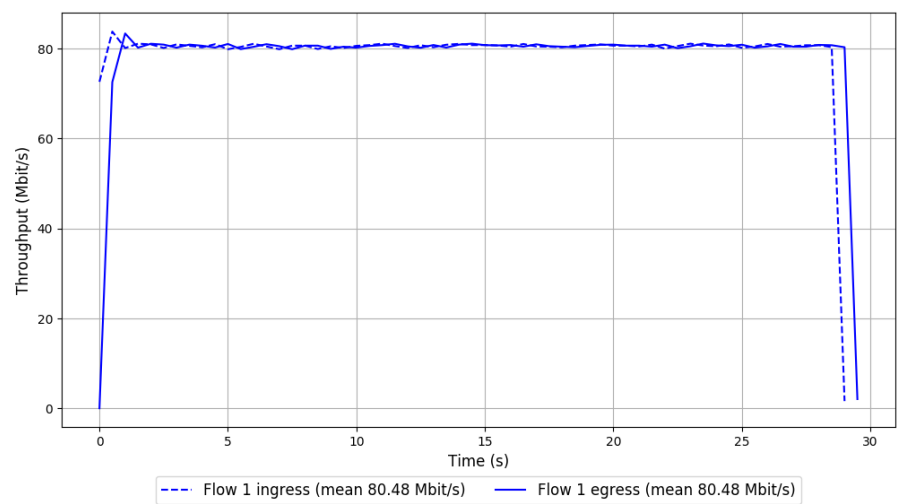
-- Flow 1:

Average throughput: 80.48 Mbit/s

95th percentile per-packet one-way delay: 2.906 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-02-05 02:32:40

End at: 2019-02-05 02:33:10

Local clock offset: 0.498 ms

Remote clock offset: -0.364 ms

Below is generated by plot.py at 2019-02-05 04:27:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.56 Mbit/s

95th percentile per-packet one-way delay: 2.411 ms

Loss rate: 0.00%

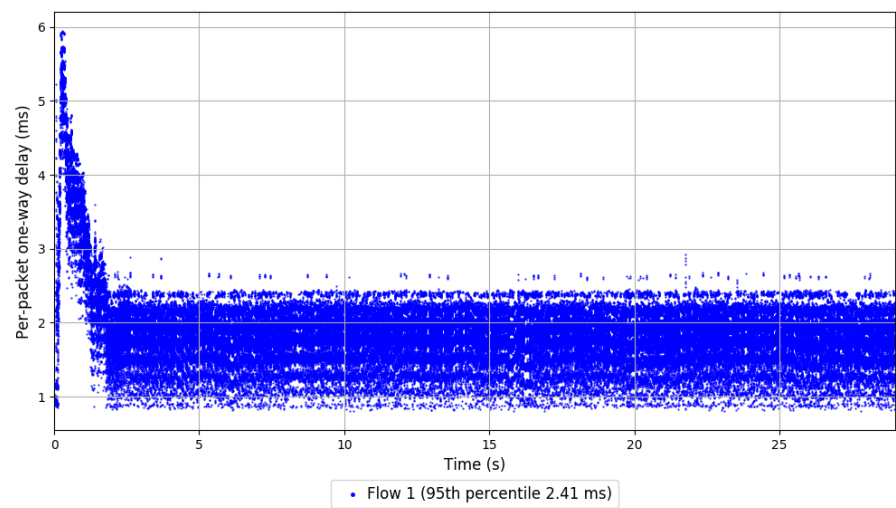
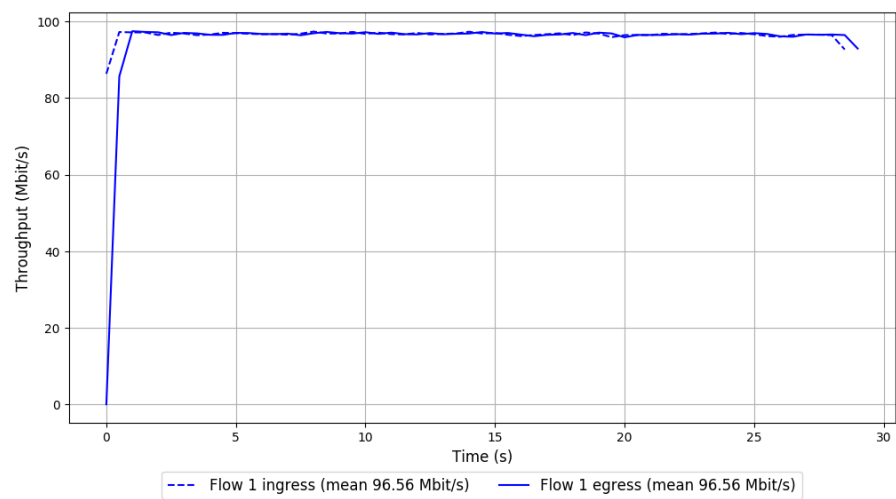
-- Flow 1:

Average throughput: 96.56 Mbit/s

95th percentile per-packet one-way delay: 2.411 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-02-05 02:56:13

End at: 2019-02-05 02:56:43

Local clock offset: -1.496 ms

Remote clock offset: -0.27 ms

Below is generated by plot.py at 2019-02-05 04:28:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: 3.358 ms

Loss rate: 0.00%

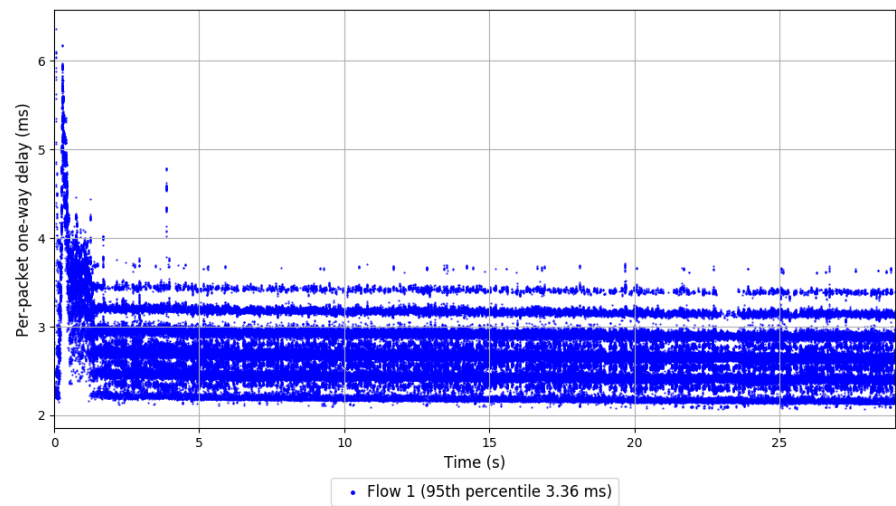
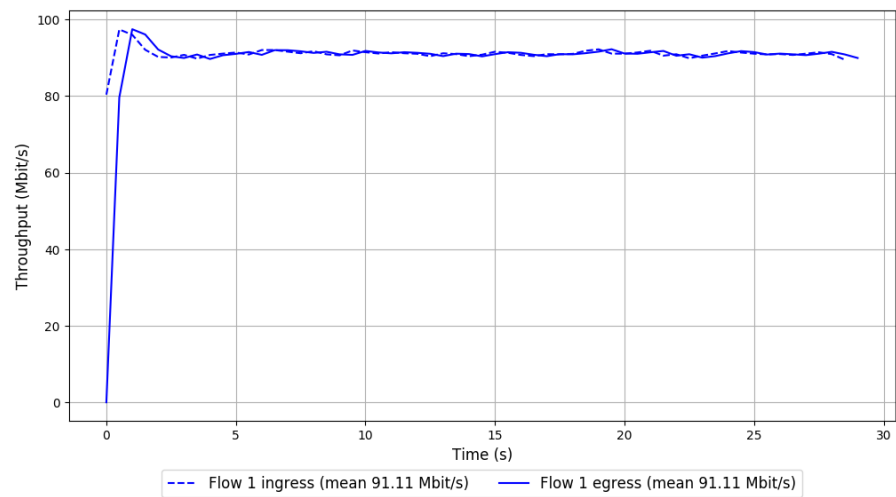
-- Flow 1:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: 3.358 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link

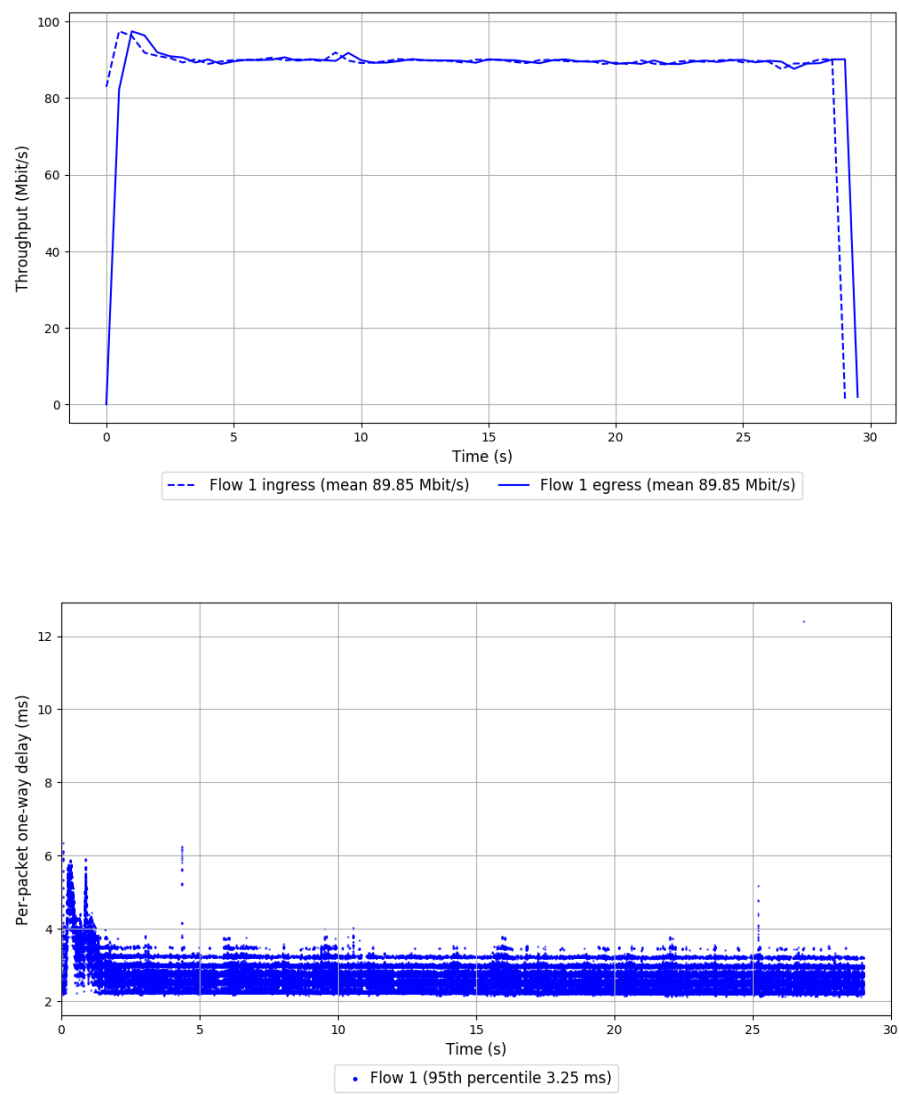


Run 3: Statistics of Indigo-MusesT

Start at: 2019-02-05 03:19:40
End at: 2019-02-05 03:20:10
Local clock offset: -1.824 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2019-02-05 04:28:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 3.251 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 3.251 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-02-05 03:43:08

End at: 2019-02-05 03:43:38

Local clock offset: -1.581 ms

Remote clock offset: 0.268 ms

Below is generated by plot.py at 2019-02-05 04:28:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.49 Mbit/s

95th percentile per-packet one-way delay: 2.420 ms

Loss rate: 0.00%

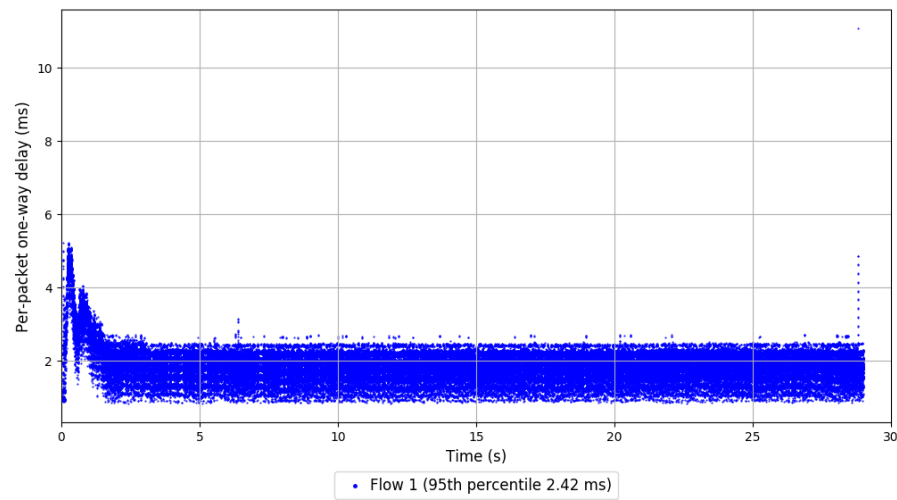
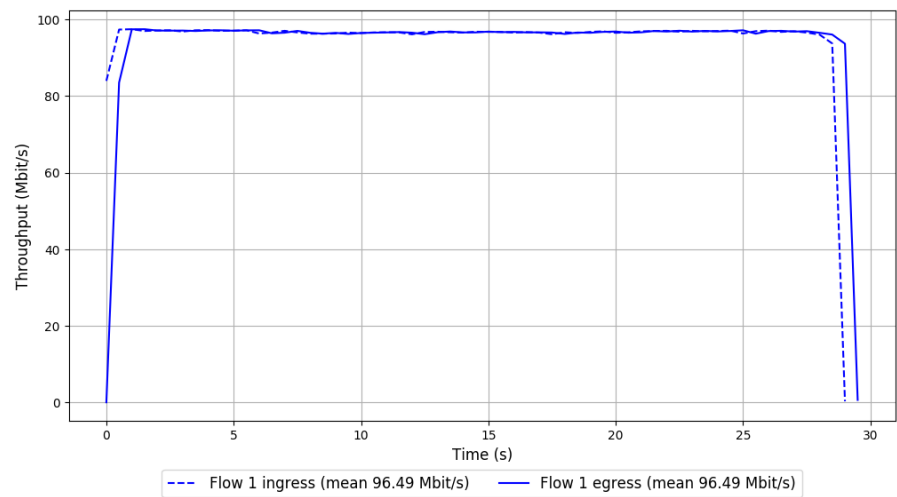
-- Flow 1:

Average throughput: 96.49 Mbit/s

95th percentile per-packet one-way delay: 2.420 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-02-05 04:06:30

End at: 2019-02-05 04:07:00

Local clock offset: -2.788 ms

Remote clock offset: 0.649 ms

Below is generated by plot.py at 2019-02-05 04:28:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.03 Mbit/s

95th percentile per-packet one-way delay: 3.003 ms

Loss rate: 0.00%

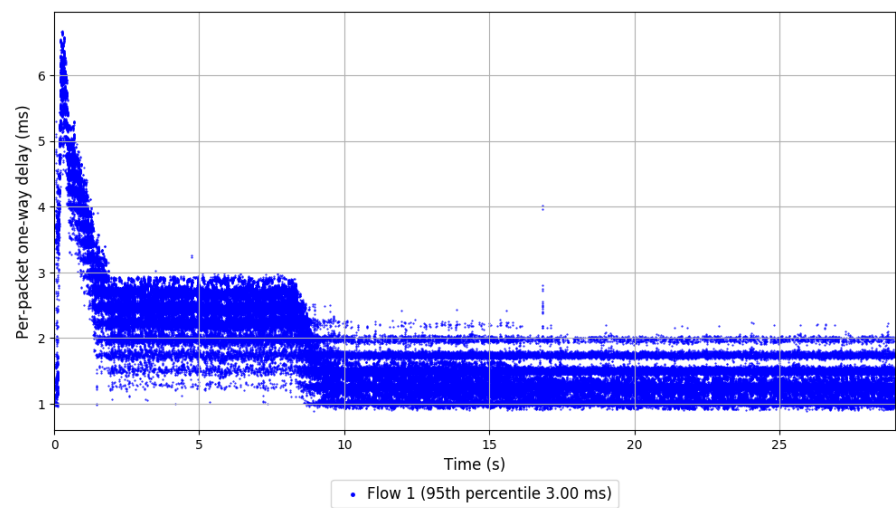
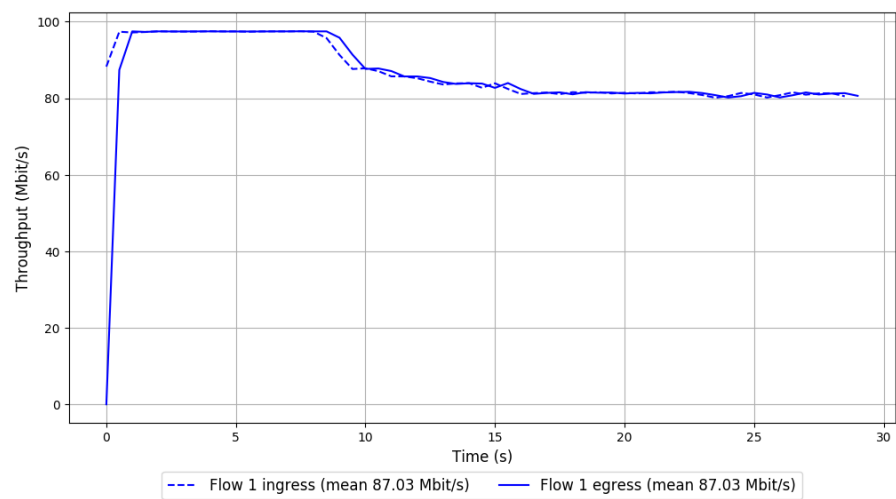
-- Flow 1:

Average throughput: 87.03 Mbit/s

95th percentile per-packet one-way delay: 3.003 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesT — Data Link

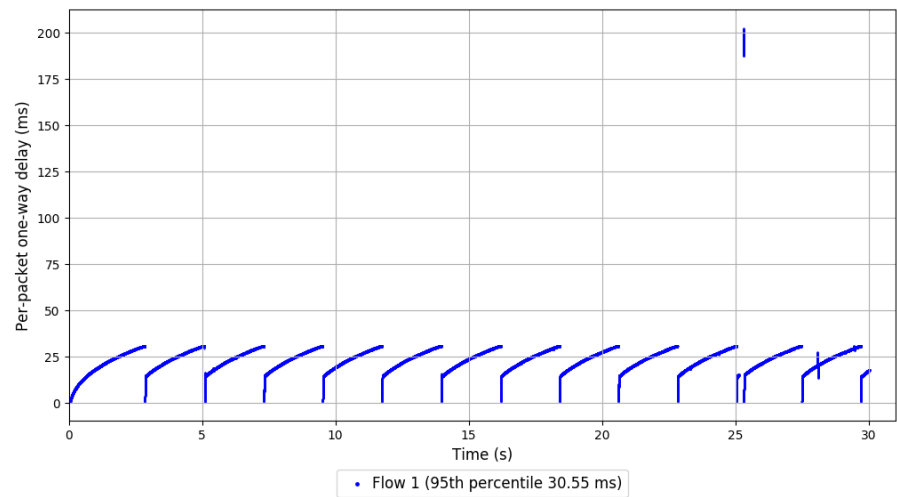
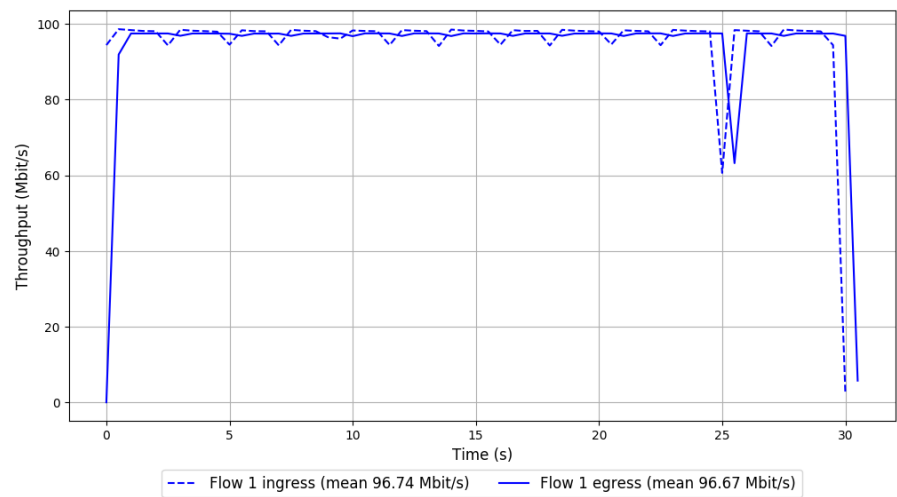


Run 1: Statistics of LEDBAT

Start at: 2019-02-05 02:25:56
End at: 2019-02-05 02:26:26
Local clock offset: 1.079 ms
Remote clock offset: -0.358 ms

Below is generated by plot.py at 2019-02-05 04:28:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 30.555 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 30.555 ms
Loss rate: 0.01%

Run 1: Report of LEDBAT — Data Link

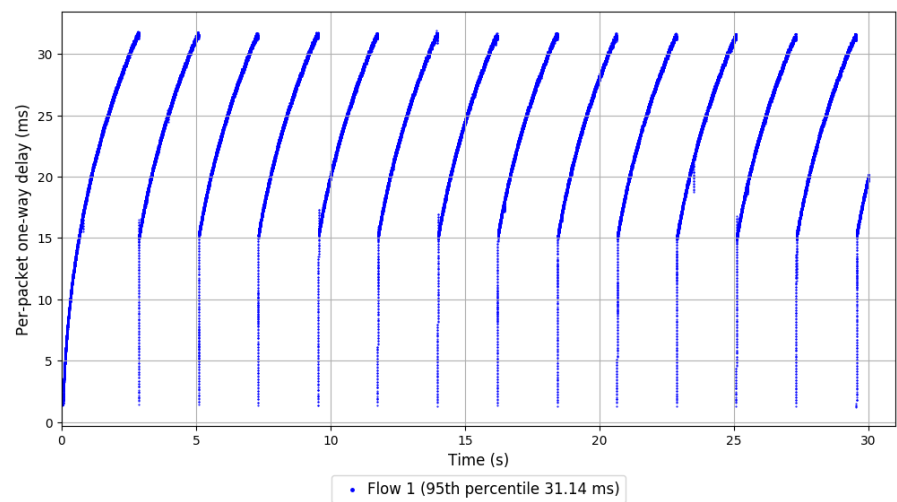
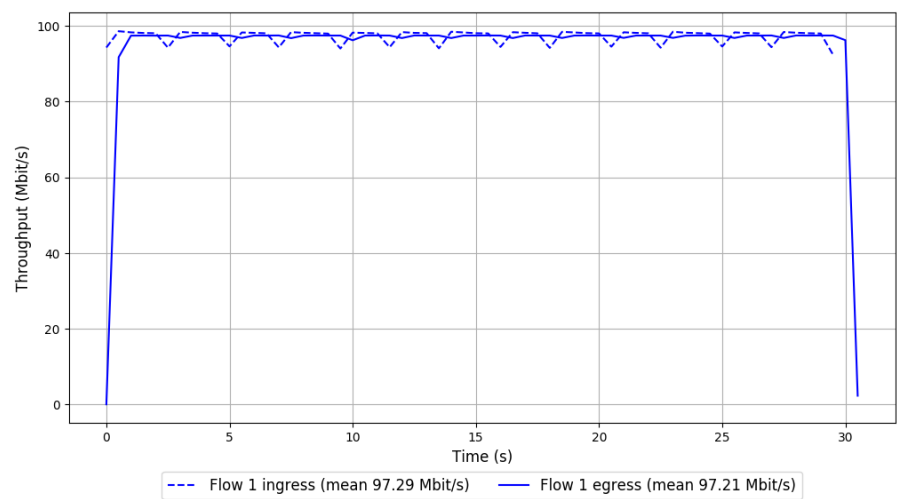


Run 2: Statistics of LEDBAT

Start at: 2019-02-05 02:49:29
End at: 2019-02-05 02:49:59
Local clock offset: -0.699 ms
Remote clock offset: -0.328 ms

Below is generated by plot.py at 2019-02-05 04:28:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 31.135 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 31.135 ms
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link

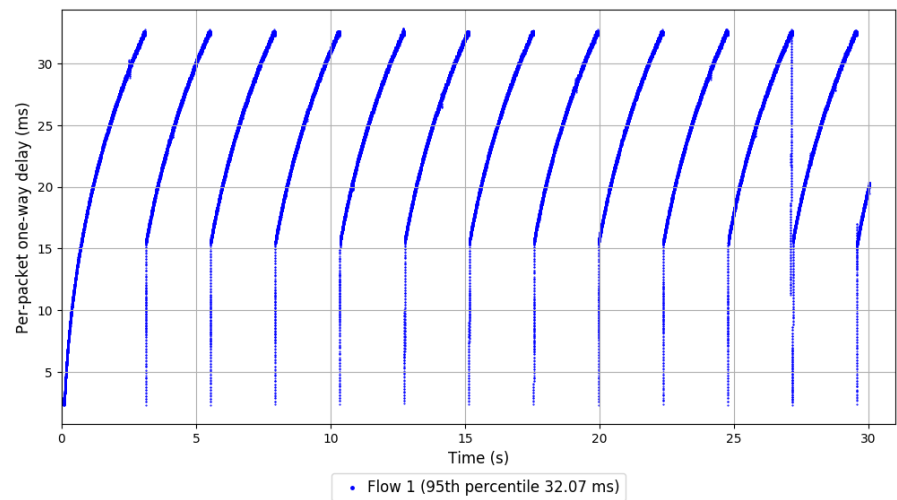
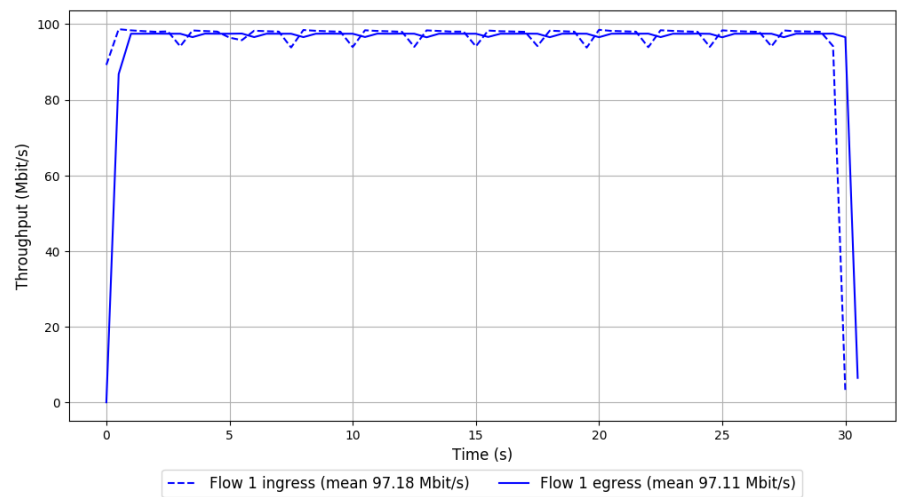


Run 3: Statistics of LEDBAT

Start at: 2019-02-05 03:12:56
End at: 2019-02-05 03:13:26
Local clock offset: -1.723 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2019-02-05 04:28:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.069 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.069 ms
Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-02-05 03:36:24

End at: 2019-02-05 03:36:54

Local clock offset: -1.867 ms

Remote clock offset: 0.047 ms

Below is generated by plot.py at 2019-02-05 04:28:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 31.893 ms

Loss rate: 0.01%

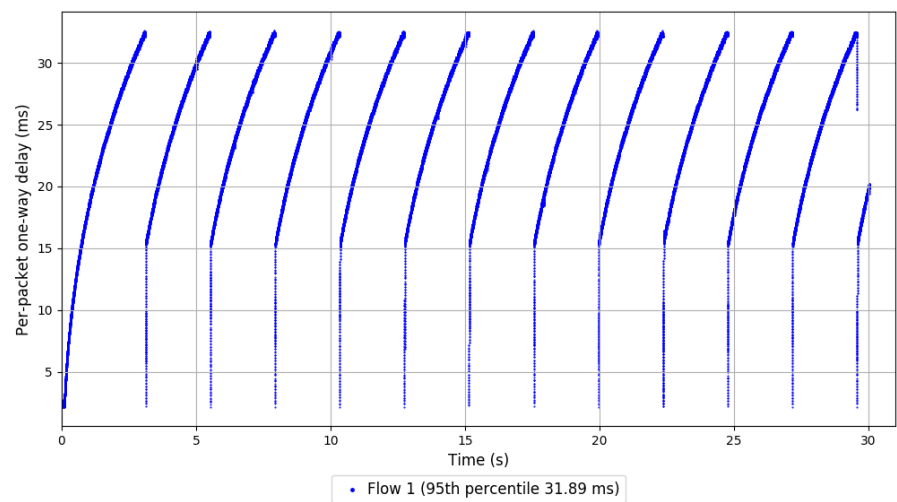
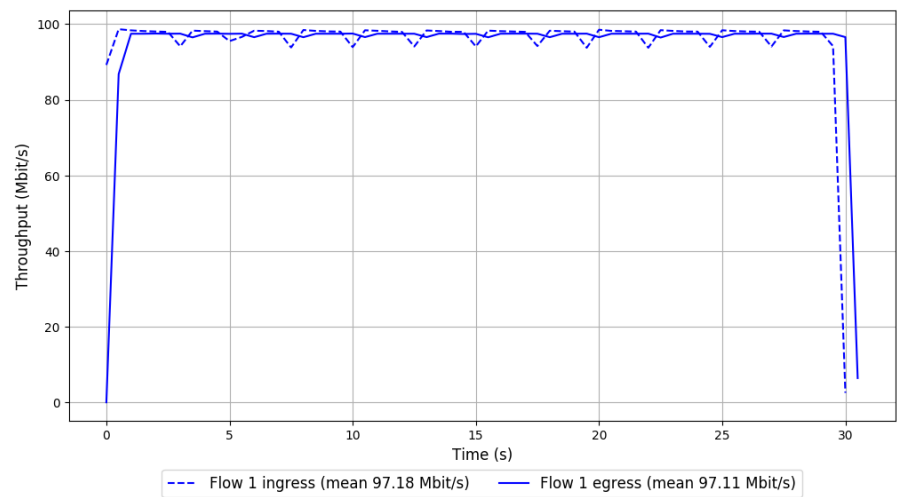
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 31.893 ms

Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-02-05 03:59:47

End at: 2019-02-05 04:00:17

Local clock offset: -2.698 ms

Remote clock offset: 0.508 ms

Below is generated by plot.py at 2019-02-05 04:29:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 30.645 ms

Loss rate: 0.01%

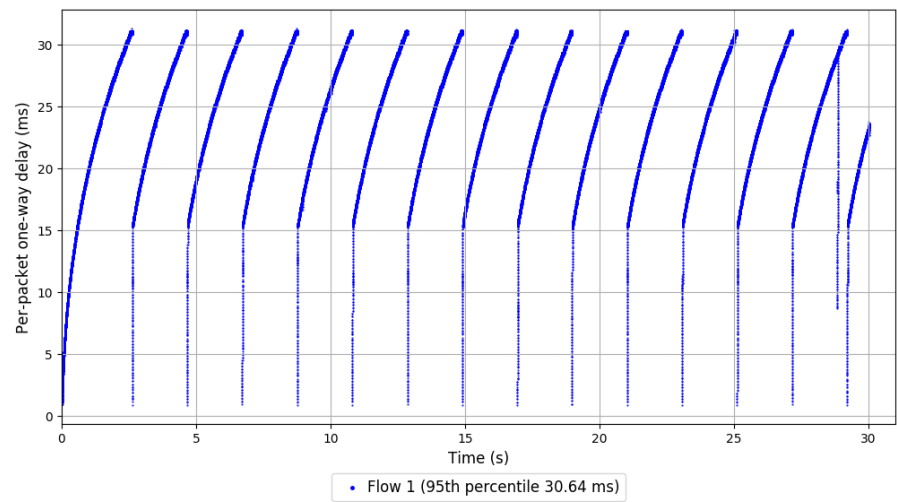
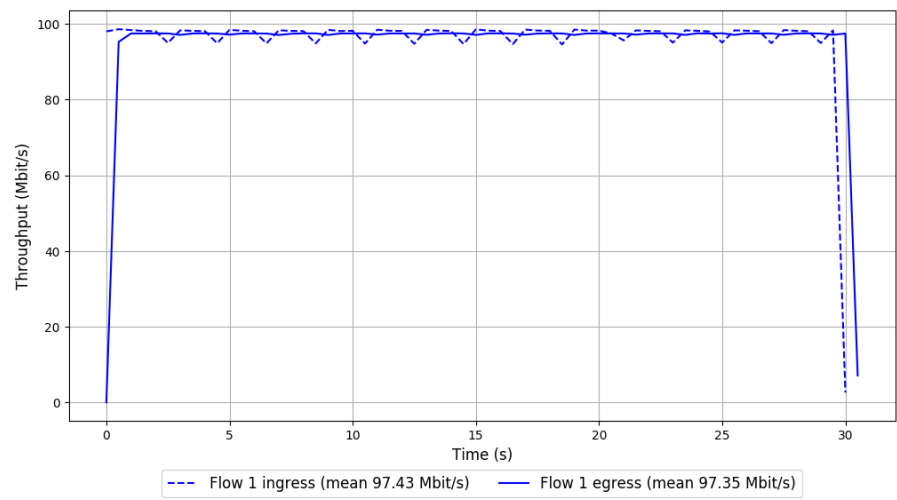
-- Flow 1:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 30.645 ms

Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-02-05 02:31:33

End at: 2019-02-05 02:32:03

Local clock offset: 0.427 ms

Remote clock offset: -0.399 ms

Below is generated by plot.py at 2019-02-05 04:29:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.80 Mbit/s

95th percentile per-packet one-way delay: 2.126 ms

Loss rate: 0.00%

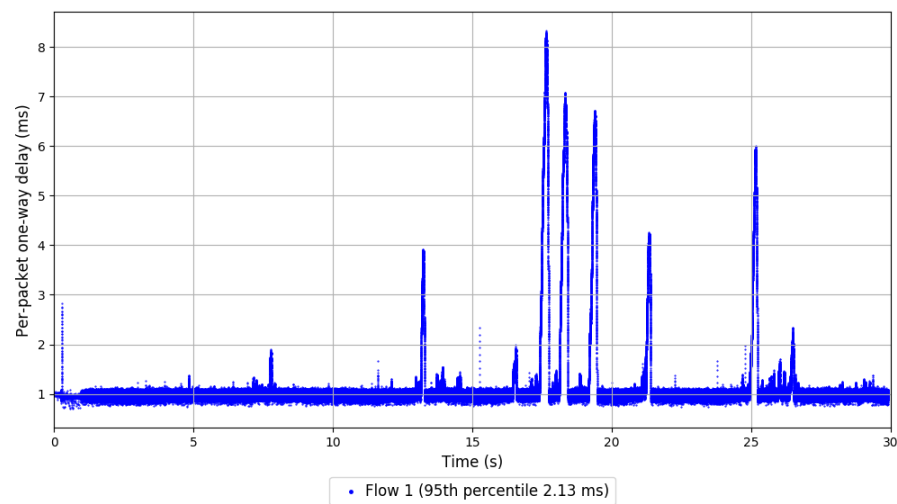
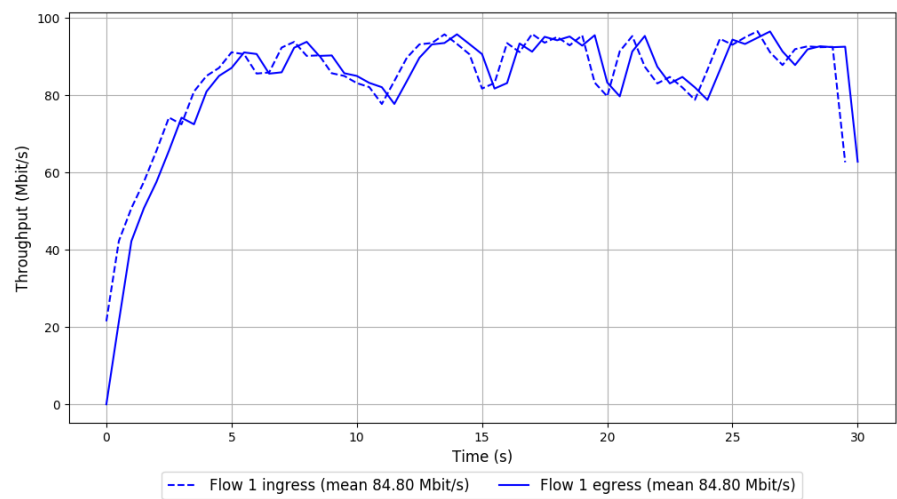
-- Flow 1:

Average throughput: 84.80 Mbit/s

95th percentile per-packet one-way delay: 2.126 ms

Loss rate: 0.00%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-02-05 02:55:06

End at: 2019-02-05 02:55:36

Local clock offset: -1.381 ms

Remote clock offset: -0.309 ms

Below is generated by plot.py at 2019-02-05 04:29:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.41 Mbit/s

95th percentile per-packet one-way delay: 4.300 ms

Loss rate: 0.00%

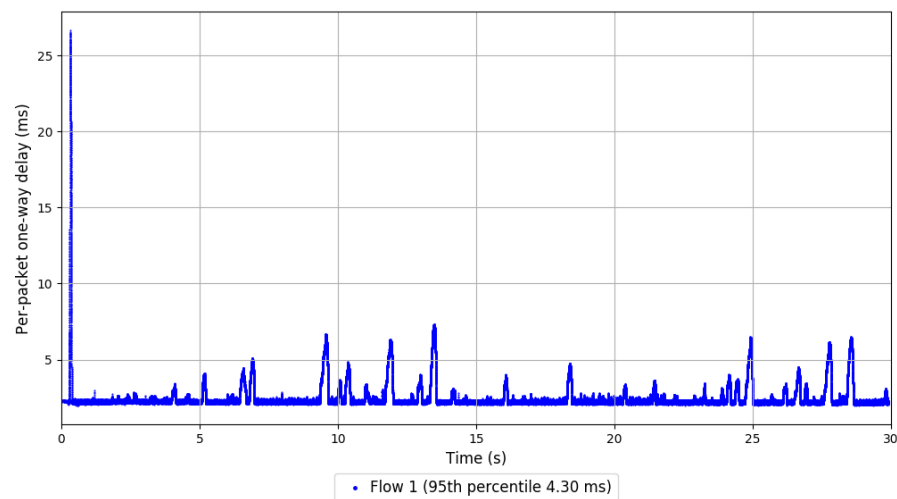
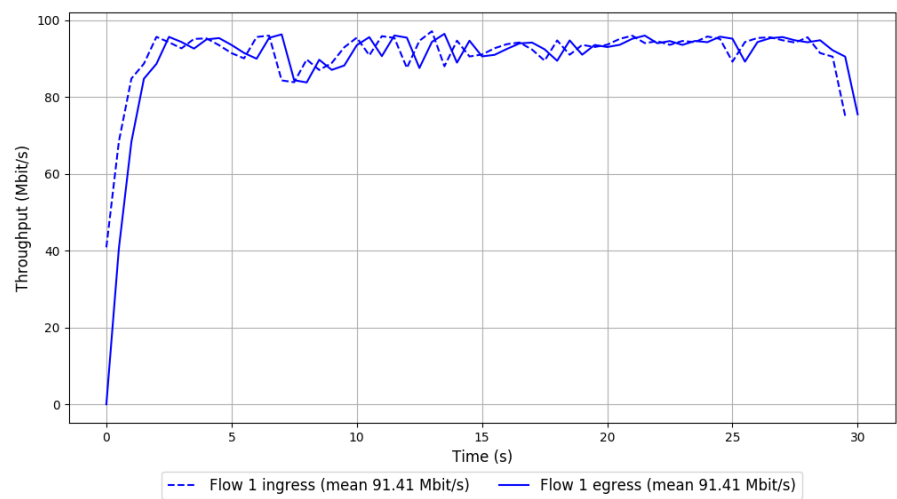
-- Flow 1:

Average throughput: 91.41 Mbit/s

95th percentile per-packet one-way delay: 4.300 ms

Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-02-05 03:18:33

End at: 2019-02-05 03:19:03

Local clock offset: -2.52 ms

Remote clock offset: -0.023 ms

Below is generated by plot.py at 2019-02-05 04:29:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.06 Mbit/s

95th percentile per-packet one-way delay: 3.873 ms

Loss rate: 0.00%

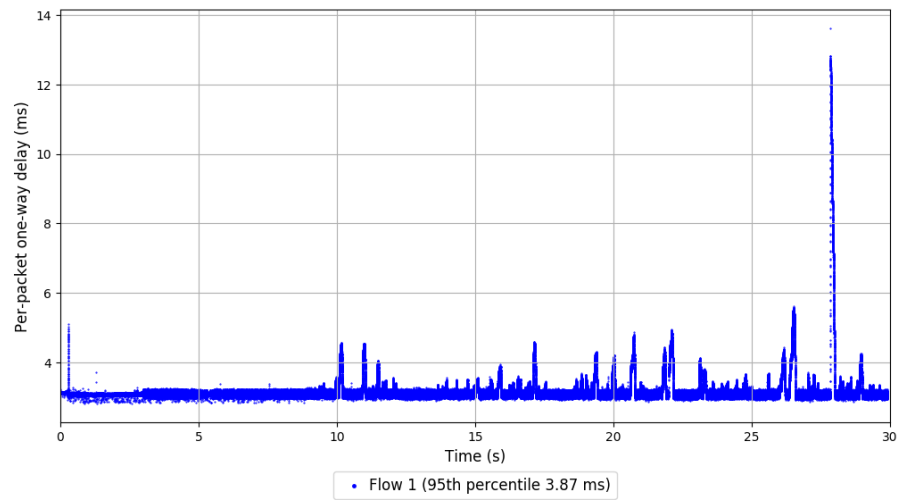
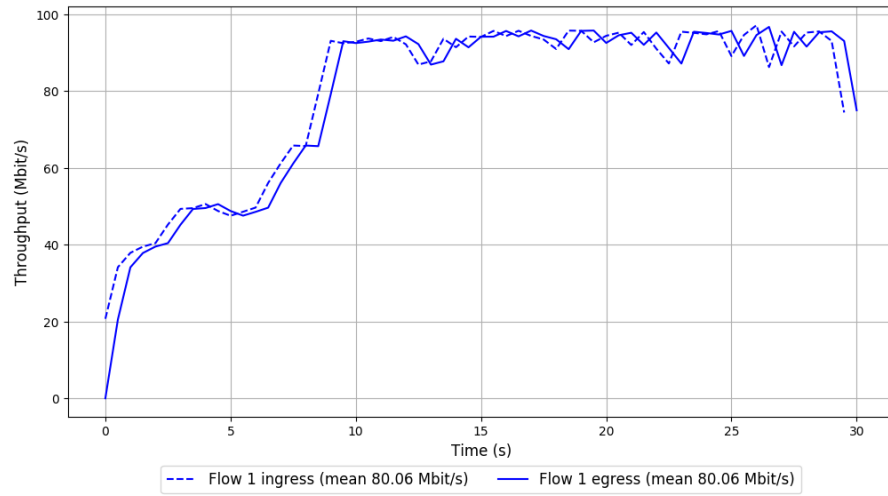
-- Flow 1:

Average throughput: 80.06 Mbit/s

95th percentile per-packet one-way delay: 3.873 ms

Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-02-05 03:42:01

End at: 2019-02-05 03:42:31

Local clock offset: -1.621 ms

Remote clock offset: 0.2 ms

Below is generated by plot.py at 2019-02-05 04:29:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.34 Mbit/s

95th percentile per-packet one-way delay: 1.625 ms

Loss rate: 0.00%

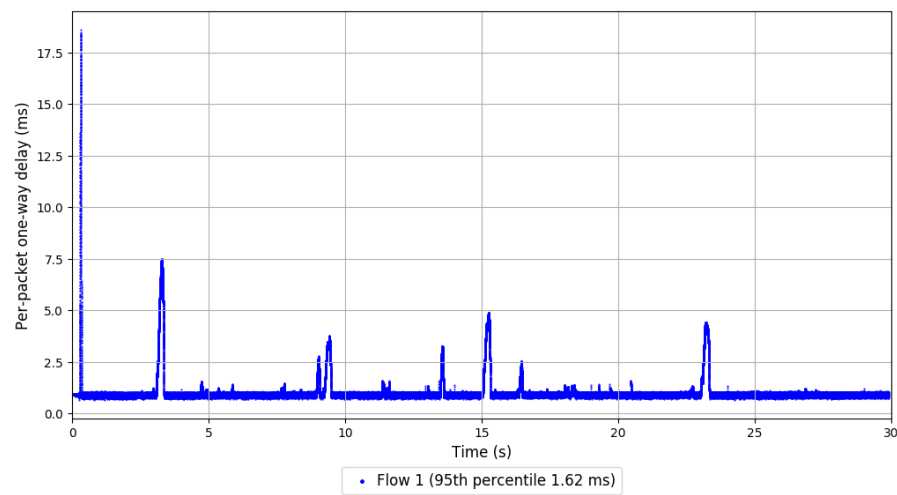
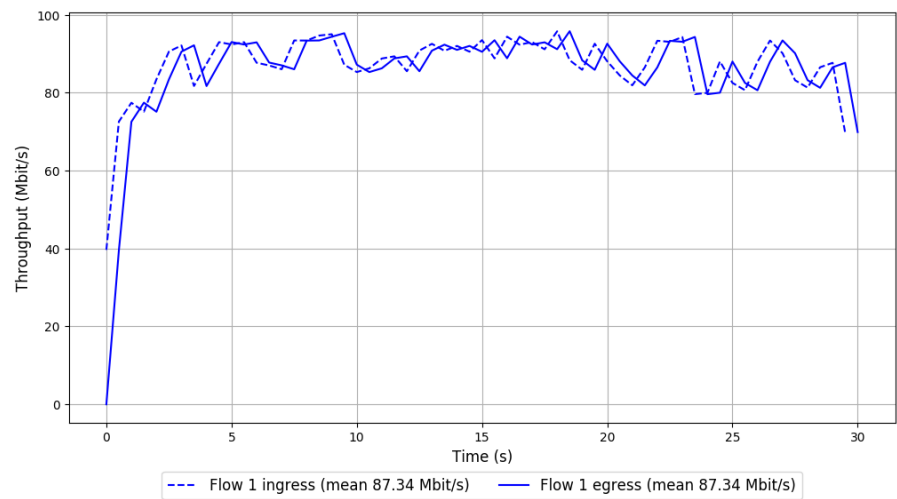
-- Flow 1:

Average throughput: 87.34 Mbit/s

95th percentile per-packet one-way delay: 1.625 ms

Loss rate: 0.00%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-02-05 04:05:24

End at: 2019-02-05 04:05:54

Local clock offset: -2.739 ms

Remote clock offset: 0.619 ms

Below is generated by plot.py at 2019-02-05 04:29:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.77 Mbit/s

95th percentile per-packet one-way delay: 6.989 ms

Loss rate: 0.01%

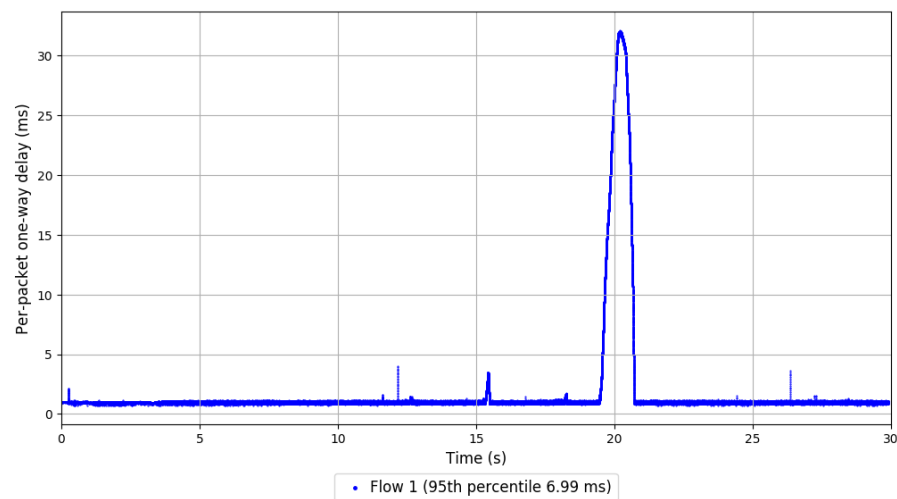
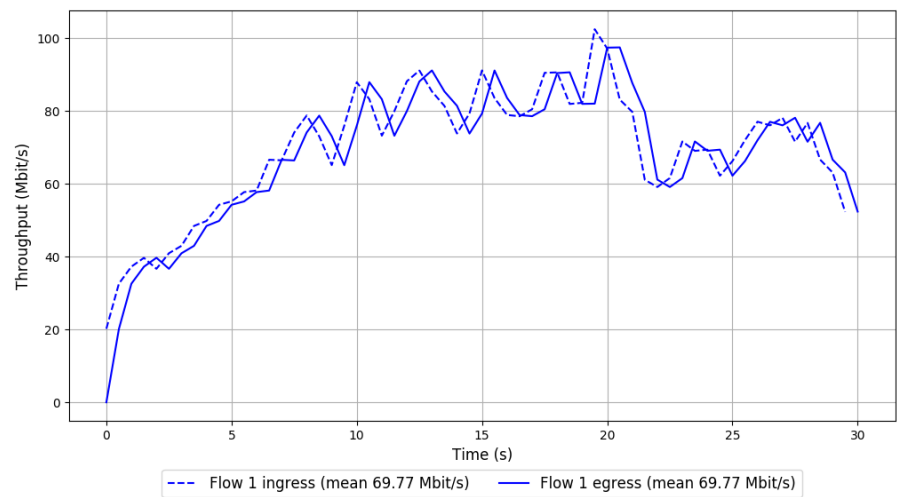
-- Flow 1:

Average throughput: 69.77 Mbit/s

95th percentile per-packet one-way delay: 6.989 ms

Loss rate: 0.01%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

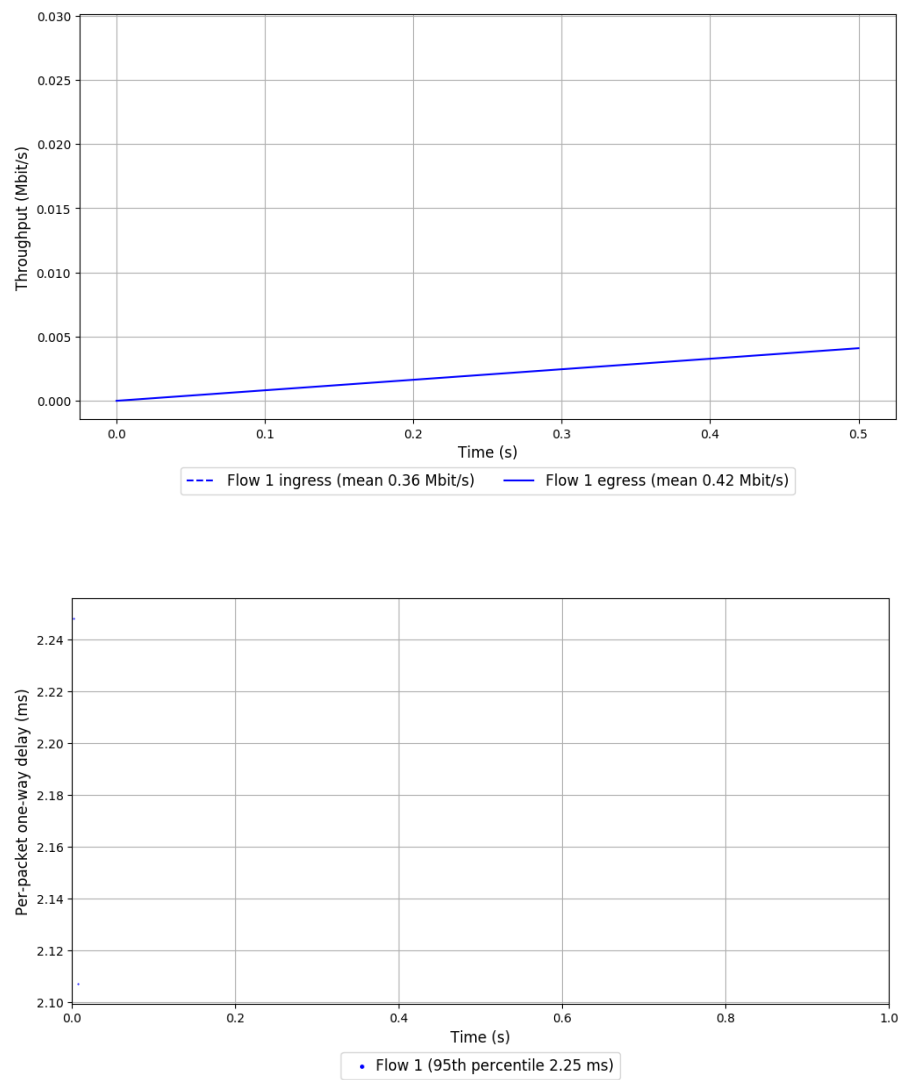
Start at: 2019-02-05 02:23:43

End at: 2019-02-05 02:24:13

Local clock offset: 1.621 ms

Remote clock offset: -0.467 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2019-02-05 02:47:16

End at: 2019-02-05 02:47:46

Local clock offset: 1.008 ms

Remote clock offset: -0.384 ms

Below is generated by plot.py at 2019-02-05 04:29:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.11 Mbit/s

95th percentile per-packet one-way delay: 2.057 ms

Loss rate: 17.56%

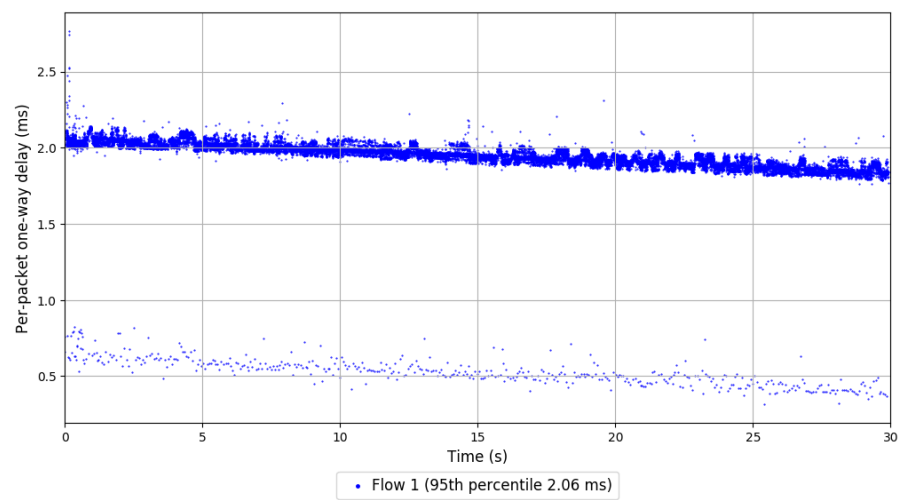
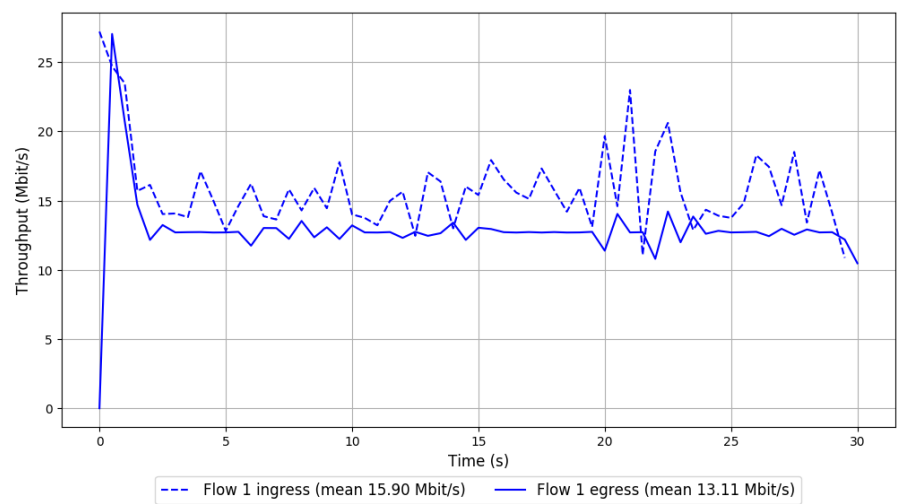
-- Flow 1:

Average throughput: 13.11 Mbit/s

95th percentile per-packet one-way delay: 2.057 ms

Loss rate: 17.56%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2019-02-05 03:10:43

End at: 2019-02-05 03:11:13

Local clock offset: -1.736 ms

Remote clock offset: -0.136 ms

Below is generated by plot.py at 2019-02-05 04:29:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.43 Mbit/s

95th percentile per-packet one-way delay: 3.636 ms

Loss rate: 40.63%

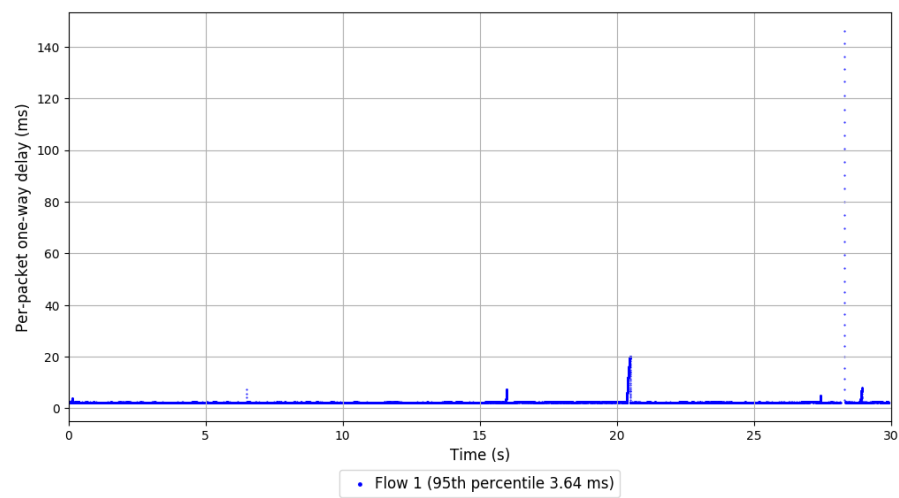
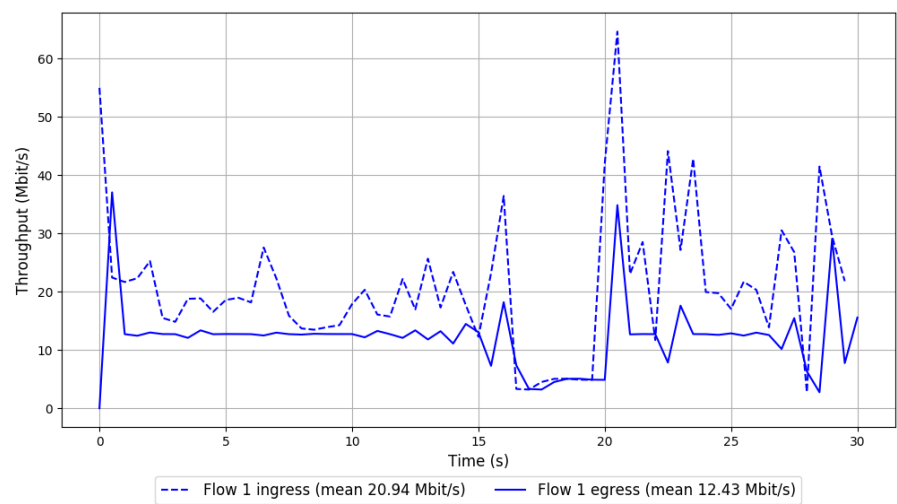
-- Flow 1:

Average throughput: 12.43 Mbit/s

95th percentile per-packet one-way delay: 3.636 ms

Loss rate: 40.63%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2019-02-05 03:34:11

End at: 2019-02-05 03:34:41

Local clock offset: -2.672 ms

Remote clock offset: 0.158 ms

Below is generated by plot.py at 2019-02-05 04:29:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.12 Mbit/s

95th percentile per-packet one-way delay: 1.757 ms

Loss rate: 17.96%

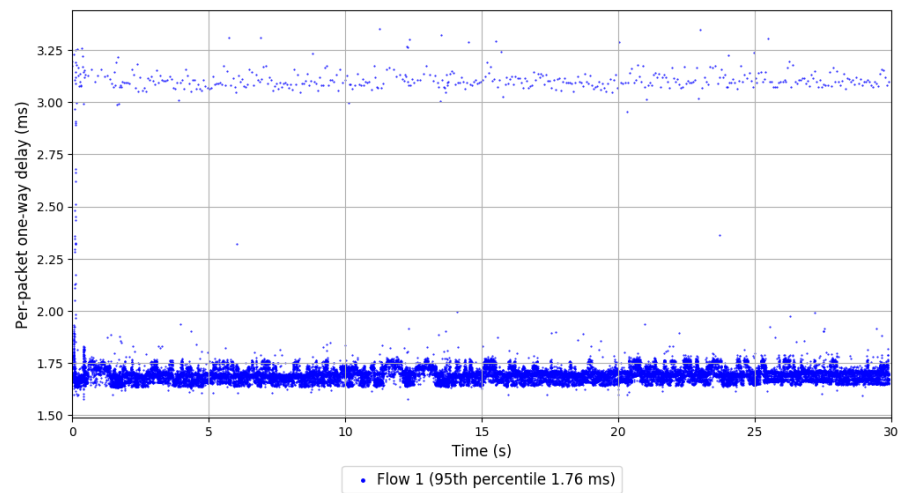
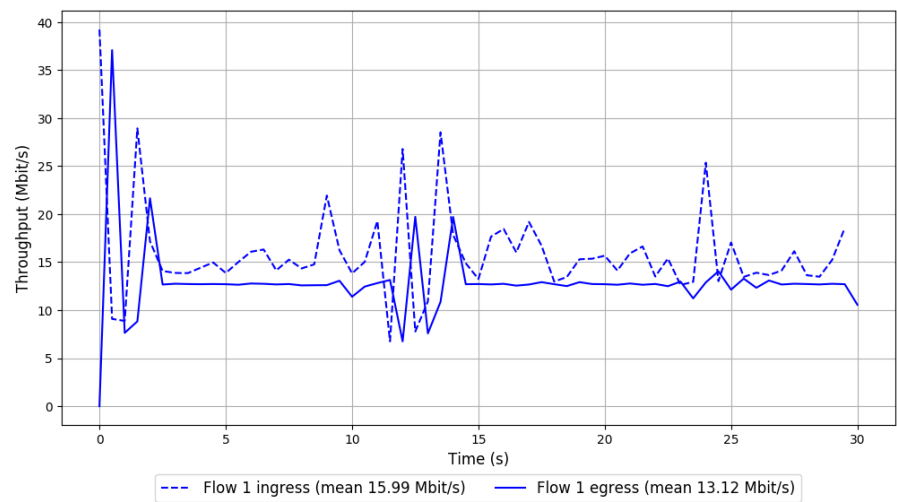
-- Flow 1:

Average throughput: 13.12 Mbit/s

95th percentile per-packet one-way delay: 1.757 ms

Loss rate: 17.96%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2019-02-05 03:57:35

End at: 2019-02-05 03:58:05

Local clock offset: -2.703 ms

Remote clock offset: 0.404 ms

Below is generated by plot.py at 2019-02-05 04:29:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.79 Mbit/s

95th percentile per-packet one-way delay: 1.001 ms

Loss rate: 12.31%

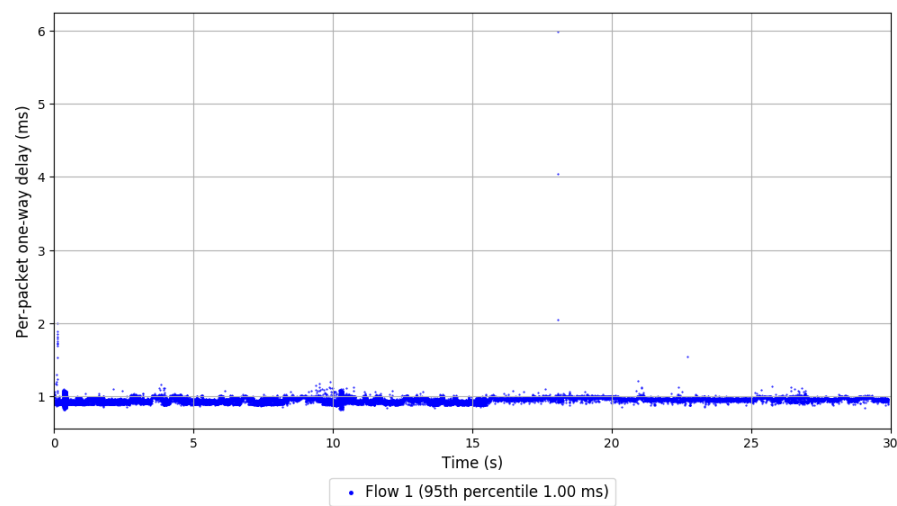
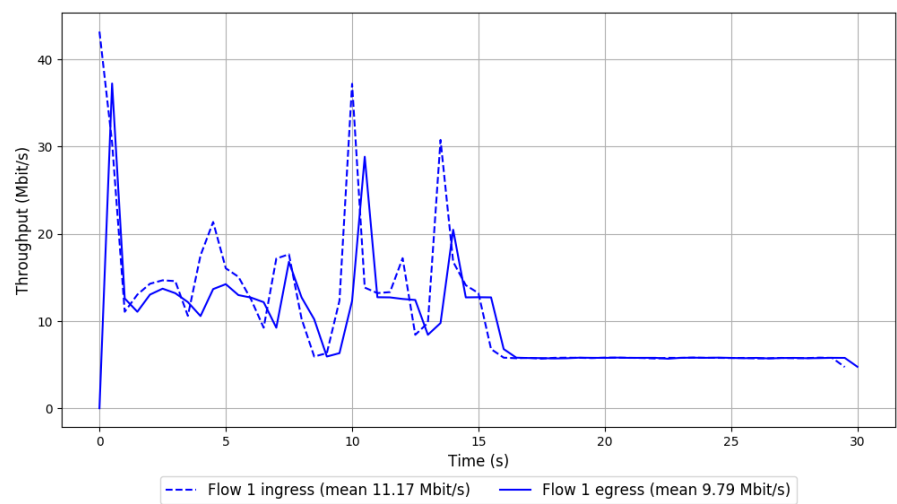
-- Flow 1:

Average throughput: 9.79 Mbit/s

95th percentile per-packet one-way delay: 1.001 ms

Loss rate: 12.31%

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-02-05 02:34:56

End at: 2019-02-05 02:35:26

Local clock offset: 0.478 ms

Remote clock offset: -0.384 ms

Below is generated by plot.py at 2019-02-05 04:30:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.39 Mbit/s

95th percentile per-packet one-way delay: 2.806 ms

Loss rate: 0.20%

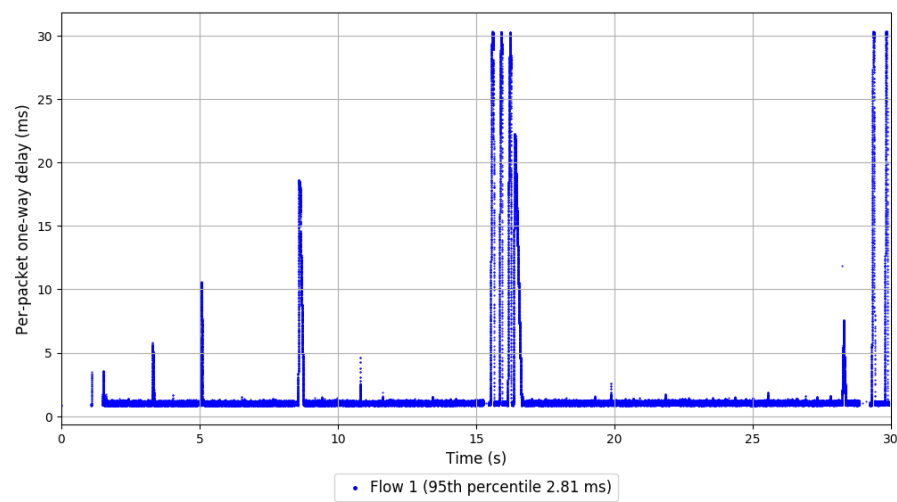
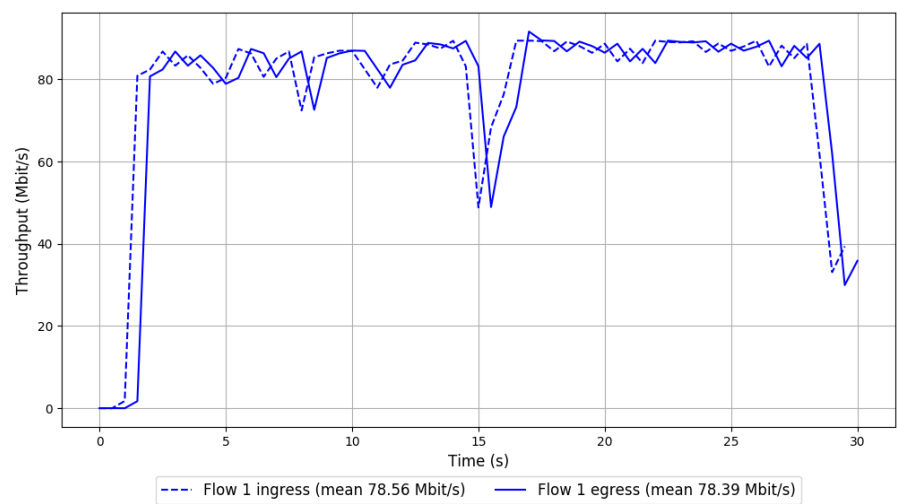
-- Flow 1:

Average throughput: 78.39 Mbit/s

95th percentile per-packet one-way delay: 2.806 ms

Loss rate: 0.20%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-02-05 02:58:29

End at: 2019-02-05 02:58:59

Local clock offset: -2.46 ms

Remote clock offset: -0.221 ms

Below is generated by plot.py at 2019-02-05 04:30:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.95 Mbit/s

95th percentile per-packet one-way delay: 3.116 ms

Loss rate: 0.02%

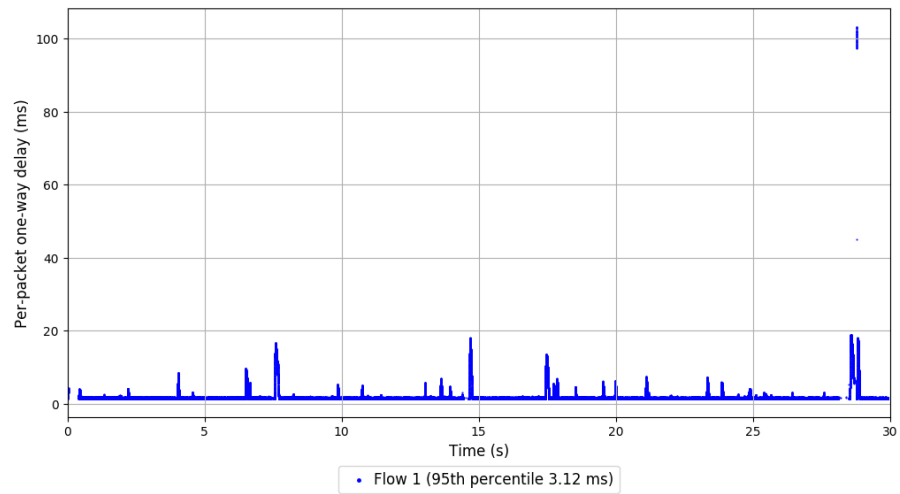
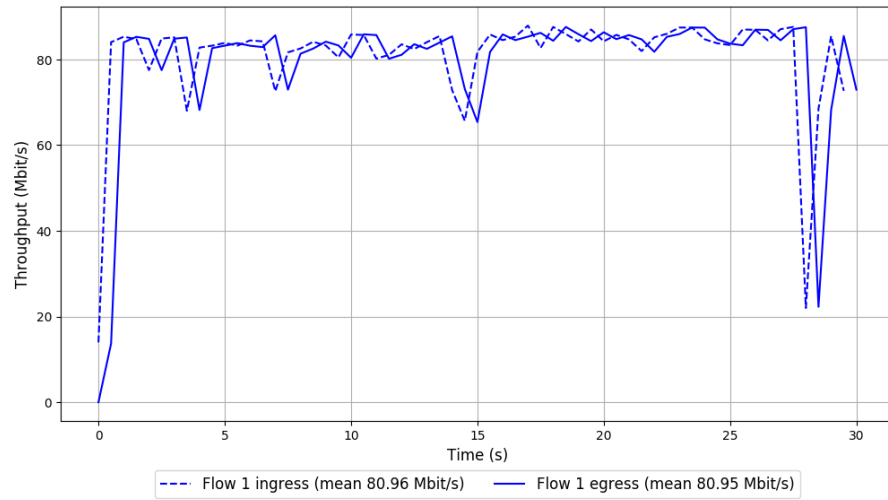
-- Flow 1:

Average throughput: 80.95 Mbit/s

95th percentile per-packet one-way delay: 3.116 ms

Loss rate: 0.02%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-02-05 03:21:56

End at: 2019-02-05 03:22:26

Local clock offset: -2.76 ms

Remote clock offset: -0.091 ms

Below is generated by plot.py at 2019-02-05 04:30:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.71 Mbit/s

95th percentile per-packet one-way delay: 11.738 ms

Loss rate: 0.25%

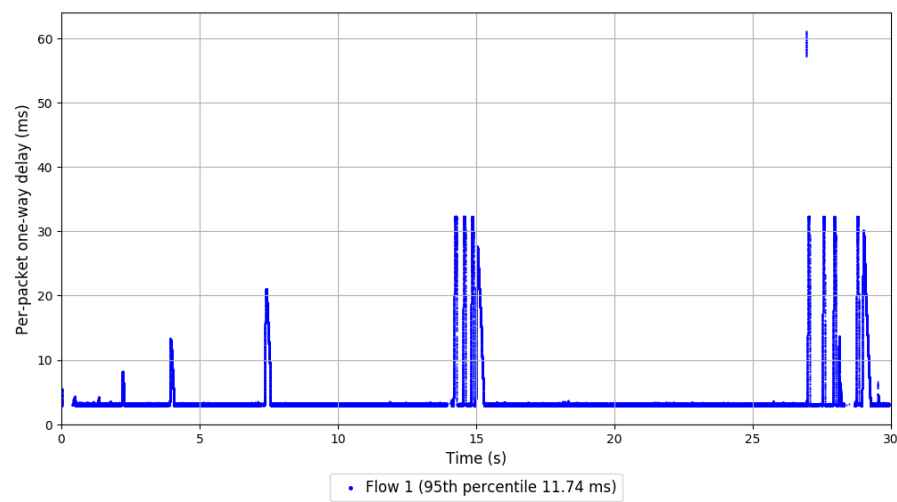
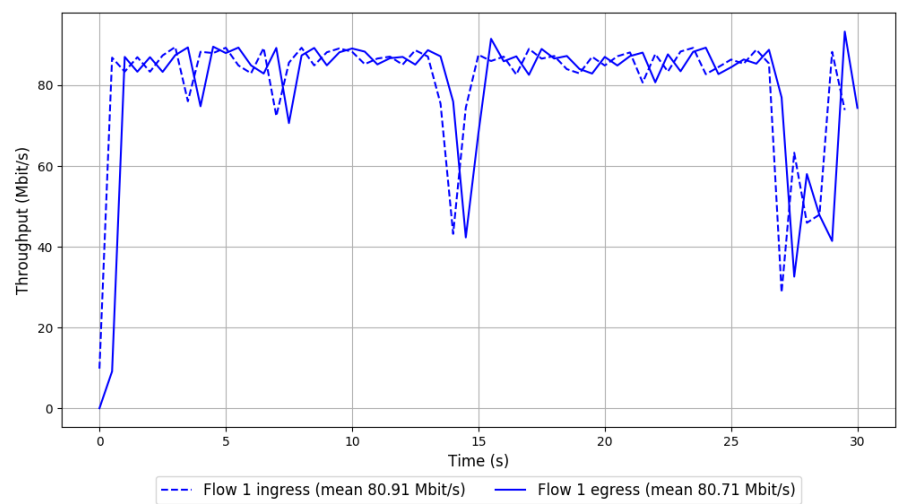
-- Flow 1:

Average throughput: 80.71 Mbit/s

95th percentile per-packet one-way delay: 11.738 ms

Loss rate: 0.25%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-02-05 03:45:24

End at: 2019-02-05 03:45:54

Local clock offset: -1.483 ms

Remote clock offset: 0.307 ms

Below is generated by plot.py at 2019-02-05 04:30:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.39 Mbit/s

95th percentile per-packet one-way delay: 2.780 ms

Loss rate: 0.33%

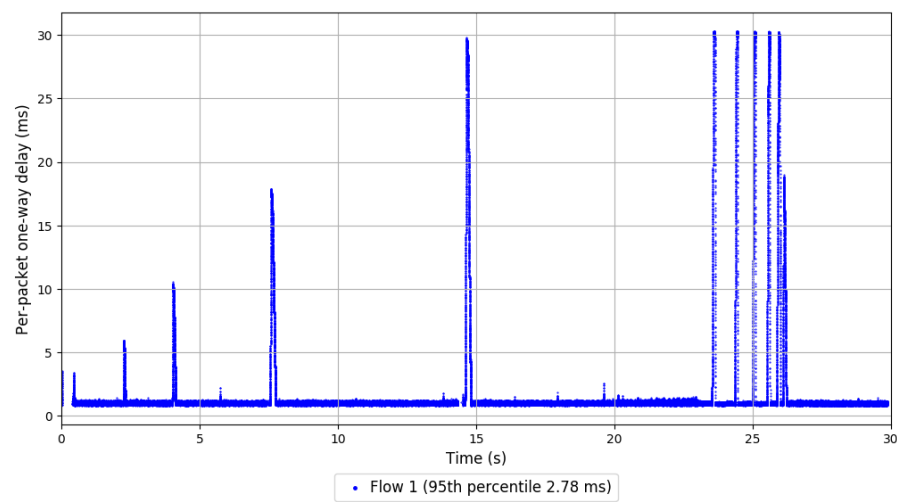
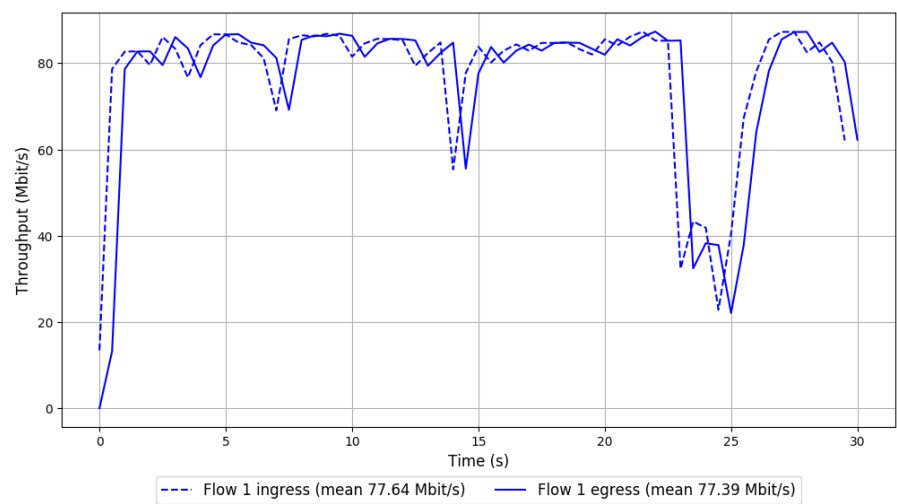
-- Flow 1:

Average throughput: 77.39 Mbit/s

95th percentile per-packet one-way delay: 2.780 ms

Loss rate: 0.33%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-02-05 04:08:46

End at: 2019-02-05 04:09:16

Local clock offset: -2.785 ms

Remote clock offset: 0.692 ms

Below is generated by plot.py at 2019-02-05 04:30:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.64 Mbit/s

95th percentile per-packet one-way delay: 7.429 ms

Loss rate: 0.29%

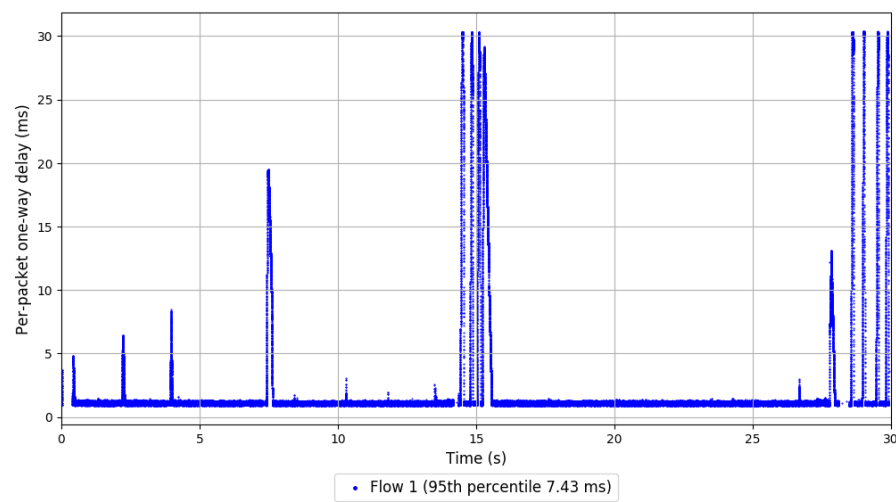
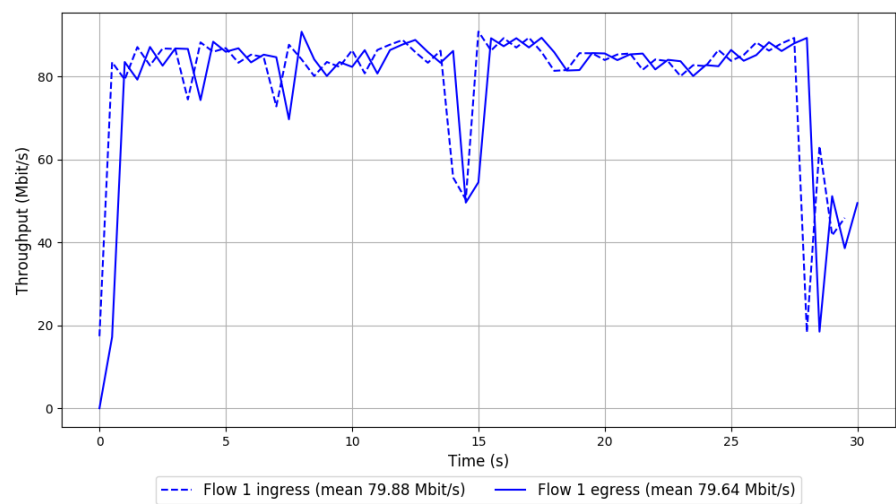
-- Flow 1:

Average throughput: 79.64 Mbit/s

95th percentile per-packet one-way delay: 7.429 ms

Loss rate: 0.29%

Run 5: Report of QUIC Cubic — Data Link

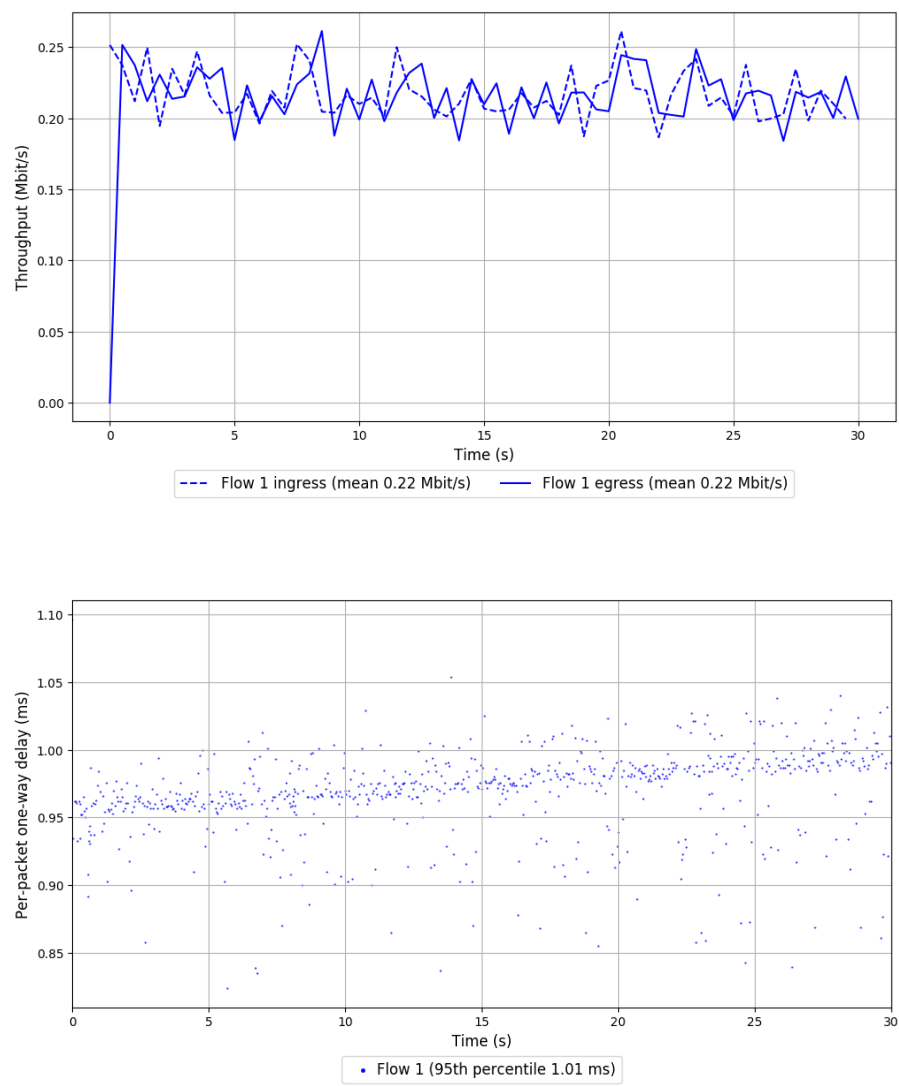


Run 1: Statistics of SCReAM

Start at: 2019-02-05 02:37:12
End at: 2019-02-05 02:37:42
Local clock offset: 0.687 ms
Remote clock offset: -0.338 ms

Below is generated by plot.py at 2019-02-05 04:30:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.010 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.010 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

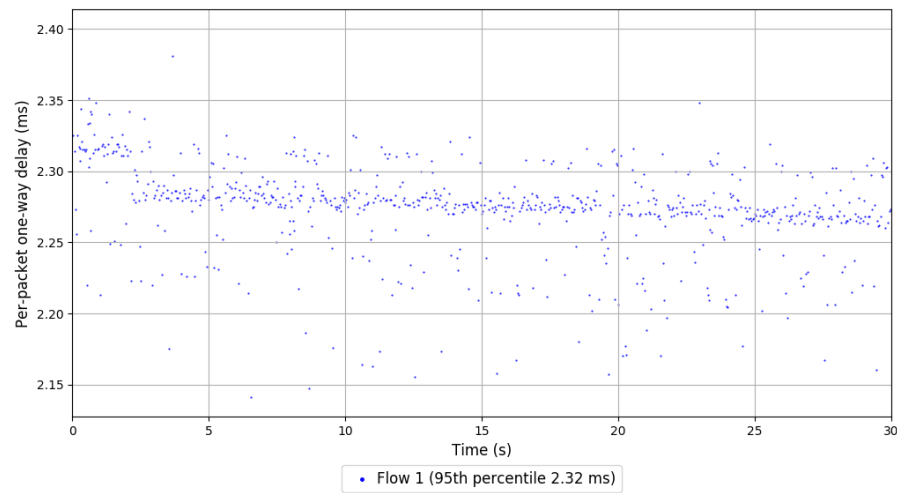
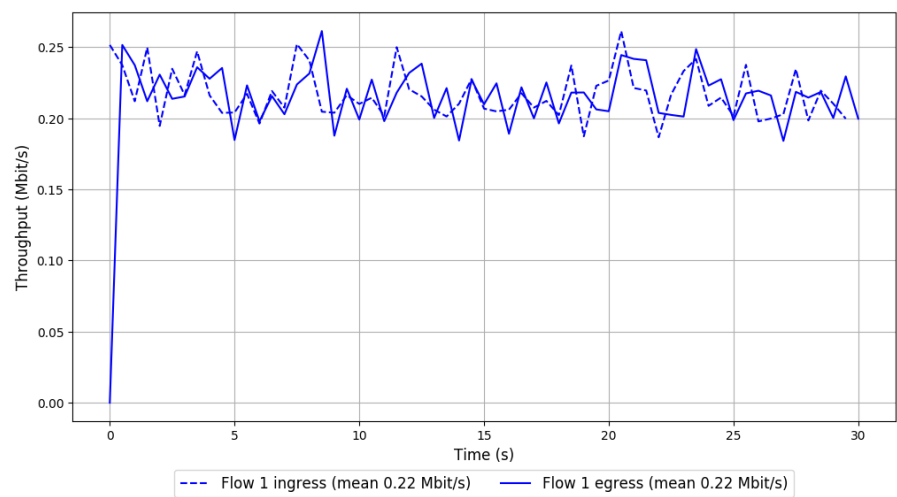


Run 2: Statistics of SCReAM

Start at: 2019-02-05 03:00:44
End at: 2019-02-05 03:01:14
Local clock offset: -1.846 ms
Remote clock offset: -0.241 ms

Below is generated by plot.py at 2019-02-05 04:30:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.317 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.317 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-02-05 03:24:12

End at: 2019-02-05 03:24:42

Local clock offset: -2.758 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2019-02-05 04:30:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.641 ms

Loss rate: 0.00%

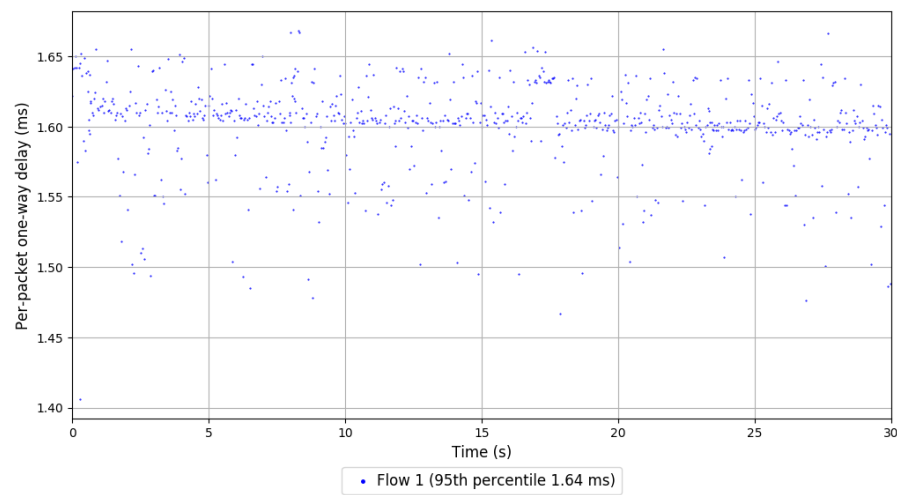
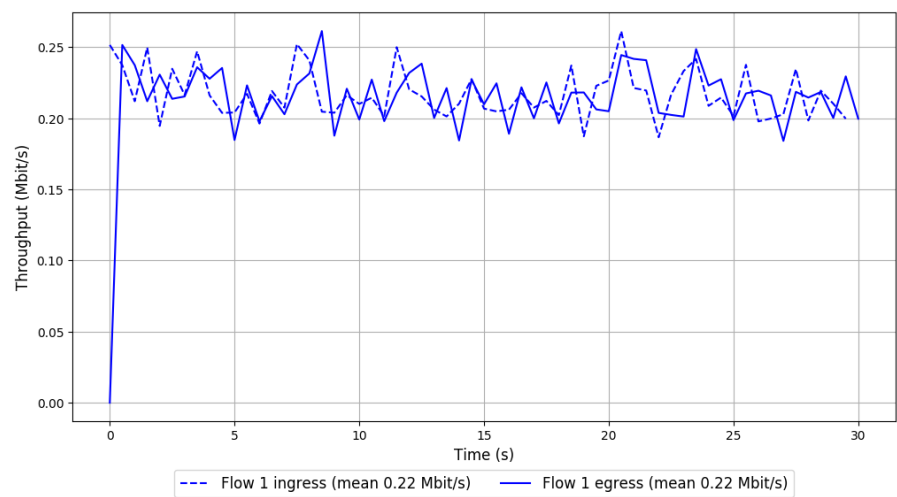
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.641 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-02-05 03:47:38

End at: 2019-02-05 03:48:08

Local clock offset: -2.461 ms

Remote clock offset: 0.314 ms

Below is generated by plot.py at 2019-02-05 04:30:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.636 ms

Loss rate: 0.00%

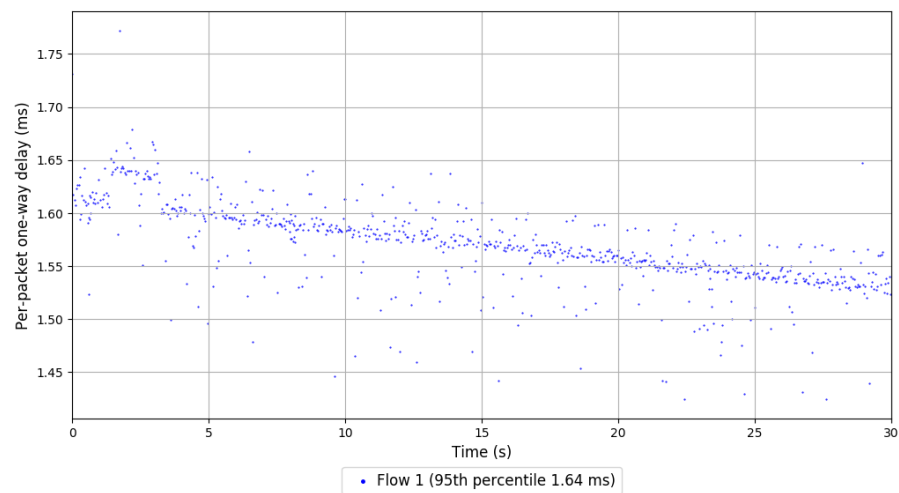
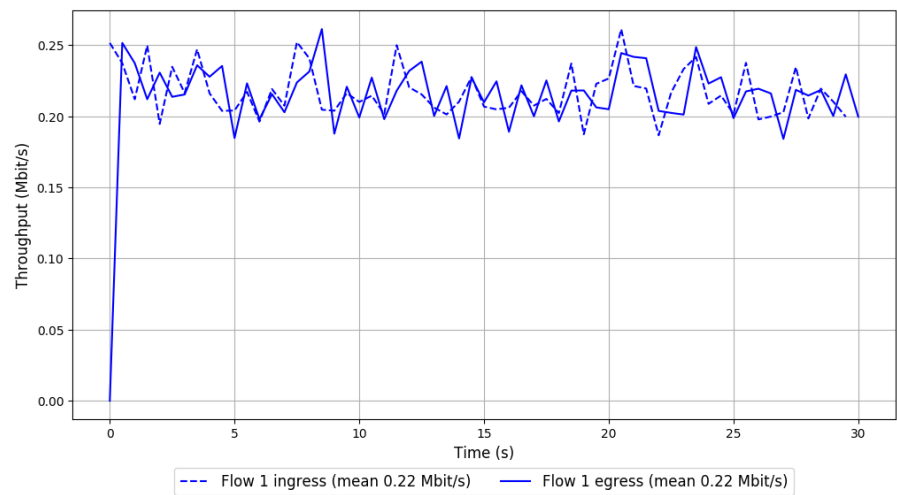
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.636 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-02-05 04:11:01

End at: 2019-02-05 04:11:31

Local clock offset: -2.71 ms

Remote clock offset: 0.731 ms

Below is generated by plot.py at 2019-02-05 04:30:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.034 ms

Loss rate: 0.00%

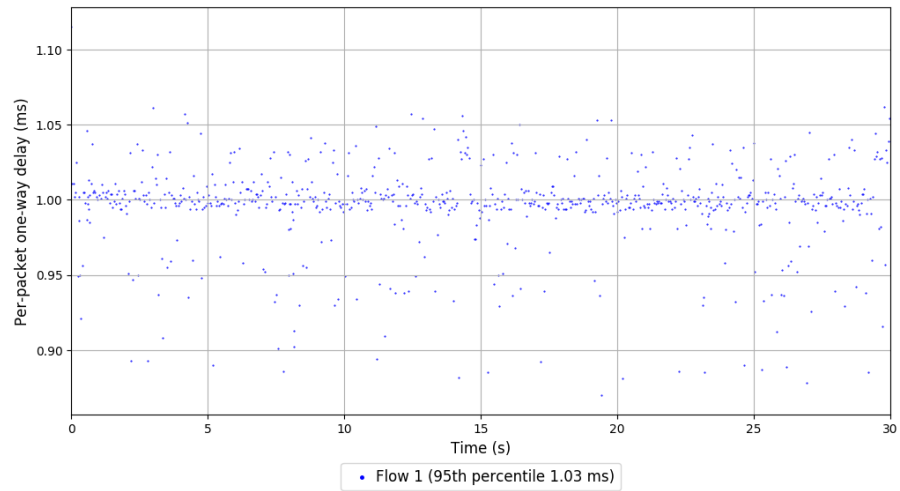
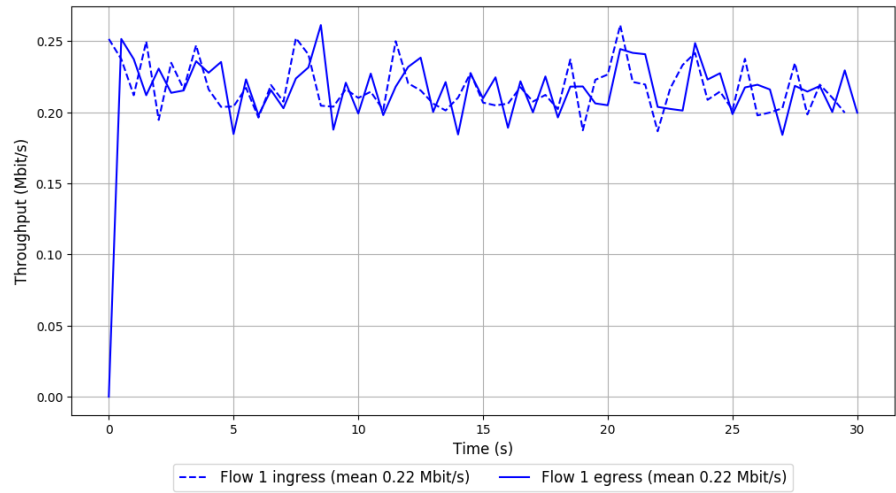
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.034 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

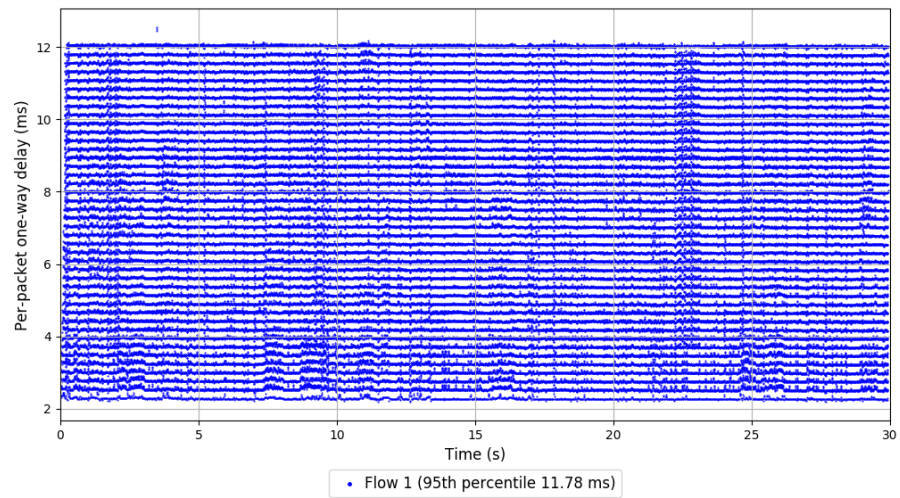
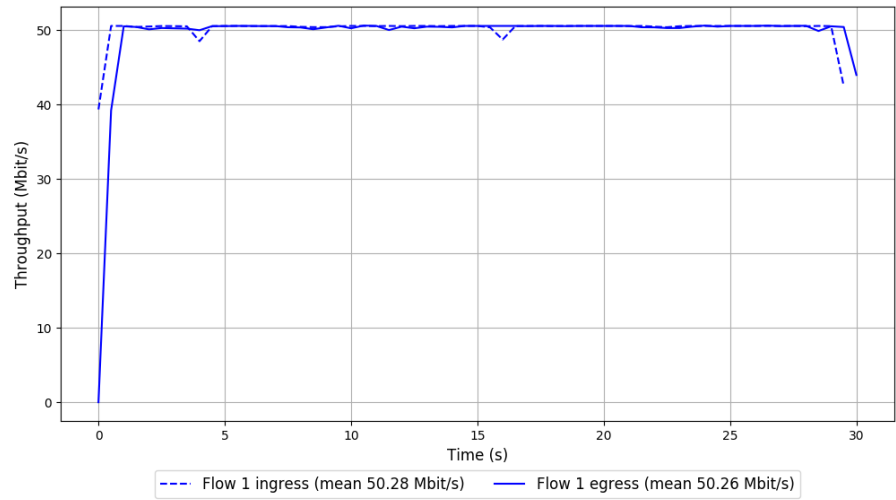


Run 1: Statistics of Sprout

Start at: 2019-02-05 02:29:20
End at: 2019-02-05 02:29:50
Local clock offset: 0.617 ms
Remote clock offset: -0.351 ms

Below is generated by plot.py at 2019-02-05 04:30:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 11.778 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 11.778 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

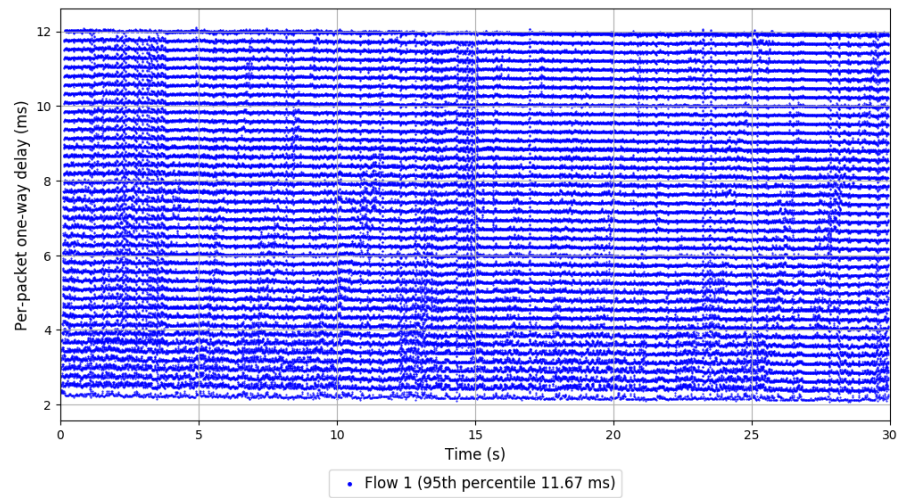
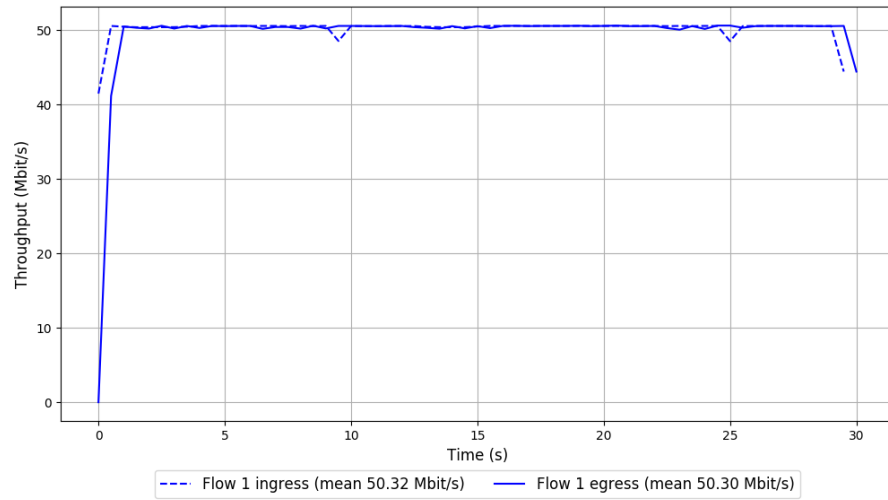


Run 2: Statistics of Sprout

Start at: 2019-02-05 02:52:53
End at: 2019-02-05 02:53:23
Local clock offset: -1.01 ms
Remote clock offset: -0.309 ms

Below is generated by plot.py at 2019-02-05 04:30:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 11.673 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 11.673 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

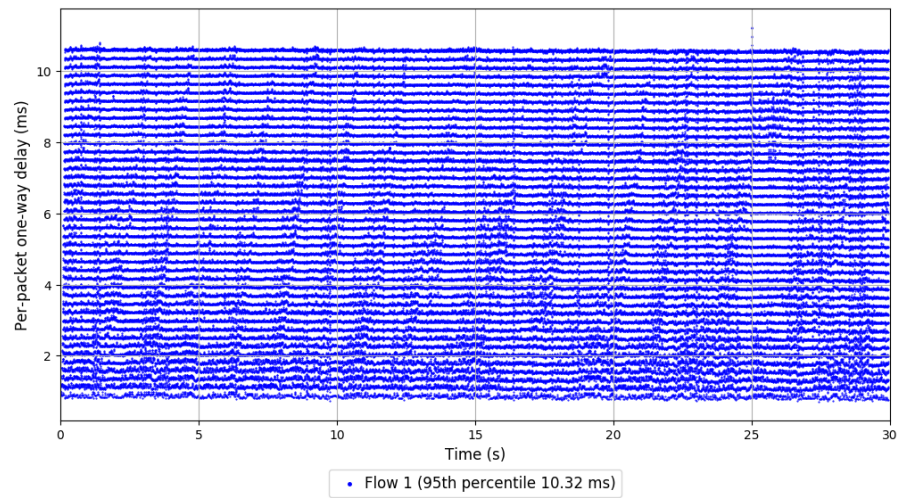
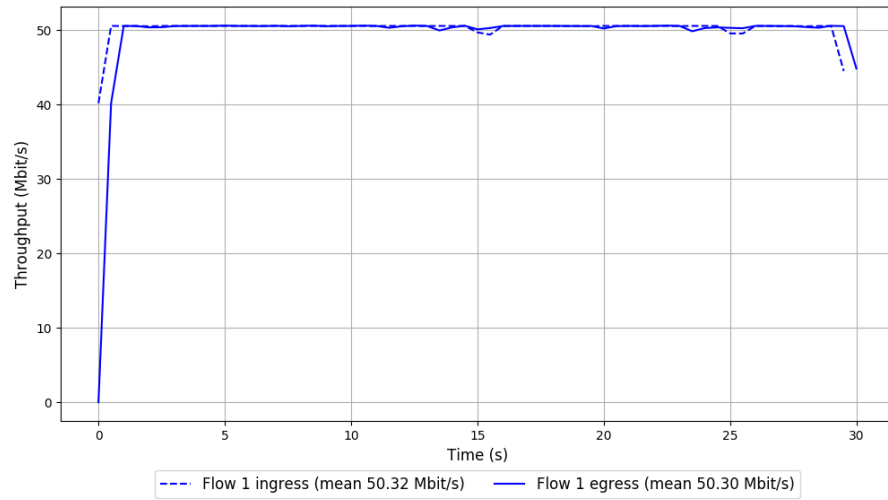


Run 3: Statistics of Sprout

Start at: 2019-02-05 03:16:20
End at: 2019-02-05 03:16:50
Local clock offset: -1.469 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2019-02-05 04:30:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 10.318 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 10.318 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

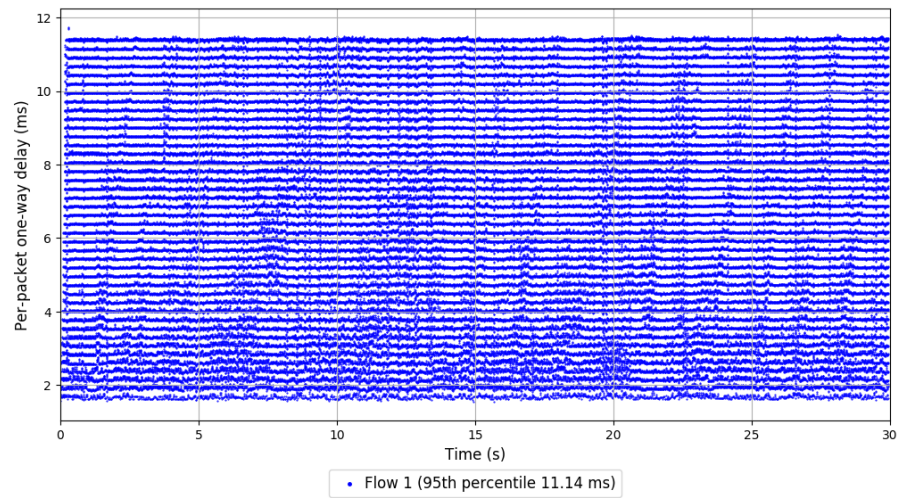
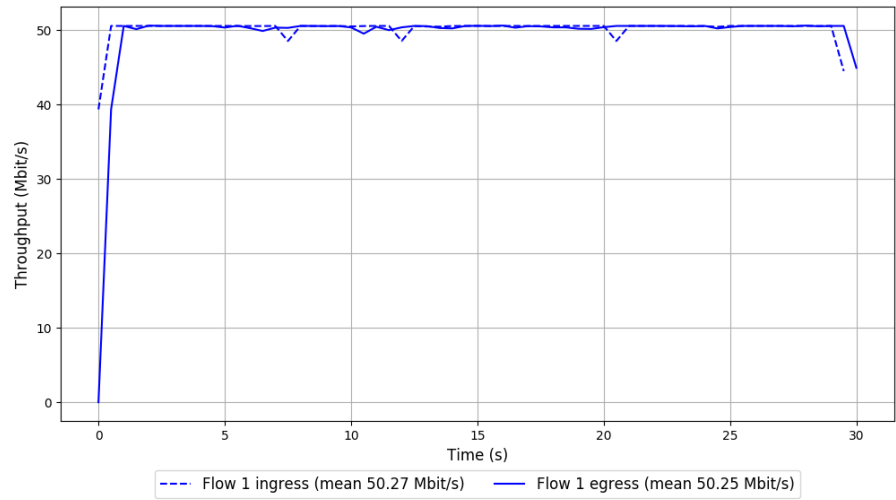


Run 4: Statistics of Sprout

Start at: 2019-02-05 03:39:48
End at: 2019-02-05 03:40:18
Local clock offset: -2.485 ms
Remote clock offset: 0.194 ms

Below is generated by plot.py at 2019-02-05 04:30:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.25 Mbit/s
95th percentile per-packet one-way delay: 11.141 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.25 Mbit/s
95th percentile per-packet one-way delay: 11.141 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-02-05 04:03:11

End at: 2019-02-05 04:03:41

Local clock offset: -2.729 ms

Remote clock offset: 0.609 ms

Below is generated by plot.py at 2019-02-05 04:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.24 Mbit/s

95th percentile per-packet one-way delay: 10.224 ms

Loss rate: 0.00%

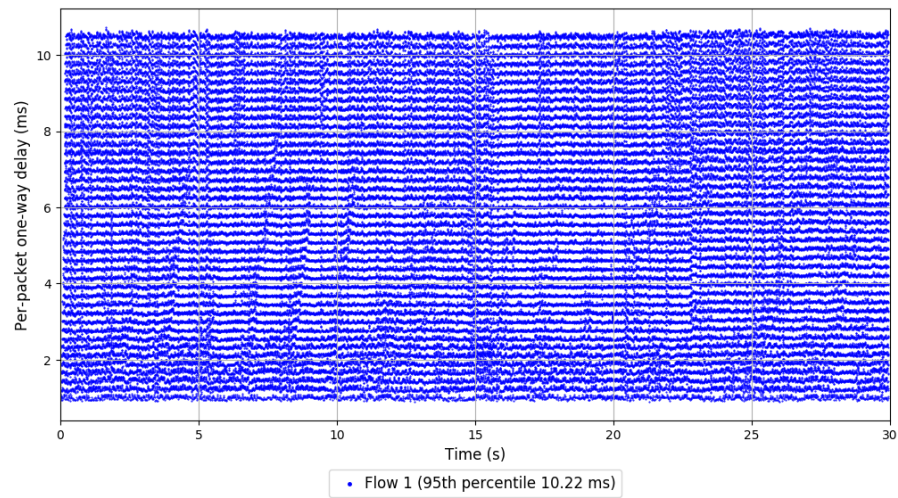
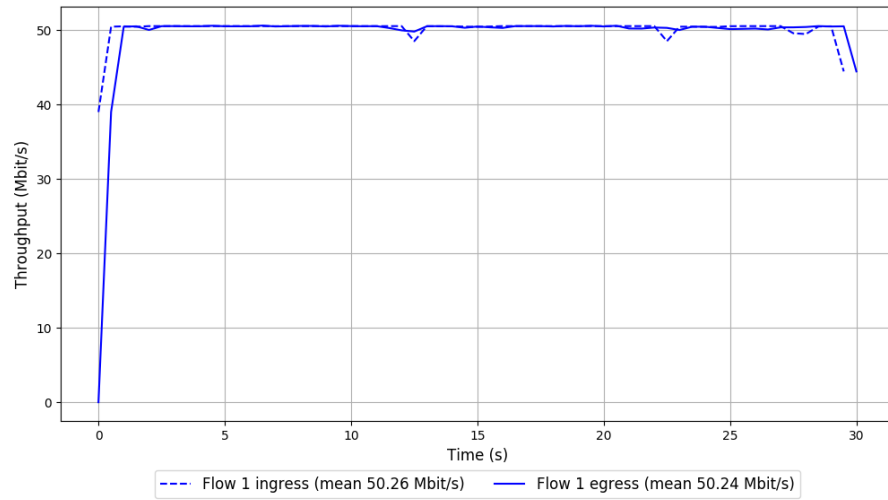
-- Flow 1:

Average throughput: 50.24 Mbit/s

95th percentile per-packet one-way delay: 10.224 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-02-05 02:28:15

End at: 2019-02-05 02:28:45

Local clock offset: 0.727 ms

Remote clock offset: -0.438 ms

Below is generated by plot.py at 2019-02-05 04:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 2.251 ms

Loss rate: 81.14%

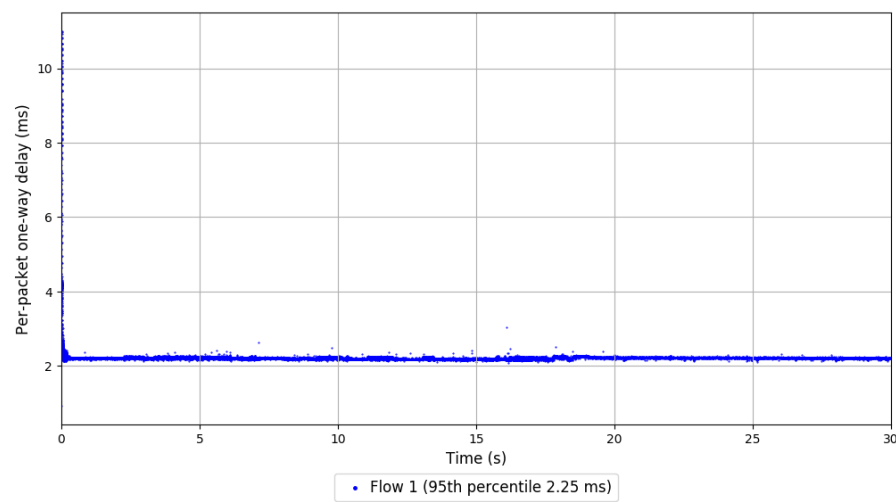
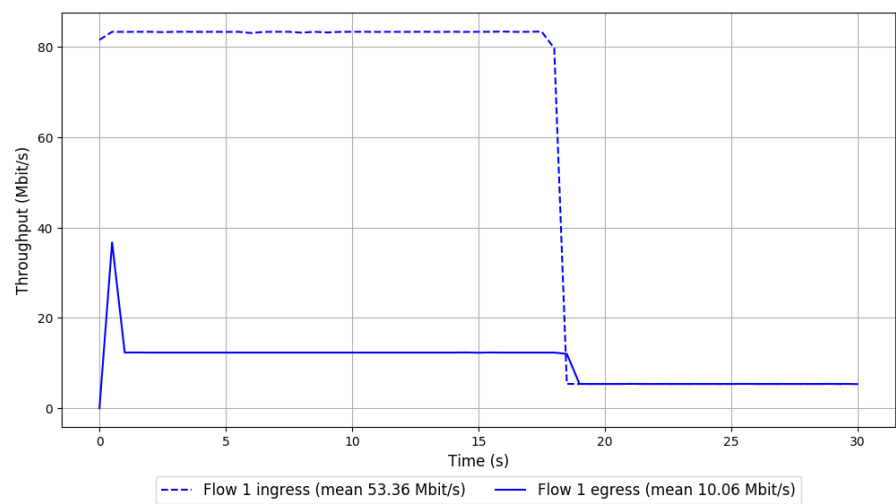
-- Flow 1:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 2.251 ms

Loss rate: 81.14%

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



Run 2: Statistics of TaoVA-100x

Start at: 2019-02-05 02:51:48

End at: 2019-02-05 02:52:18

Local clock offset: -1.424 ms

Remote clock offset: -0.323 ms

Below is generated by plot.py at 2019-02-05 04:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 2.959 ms

Loss rate: 81.13%

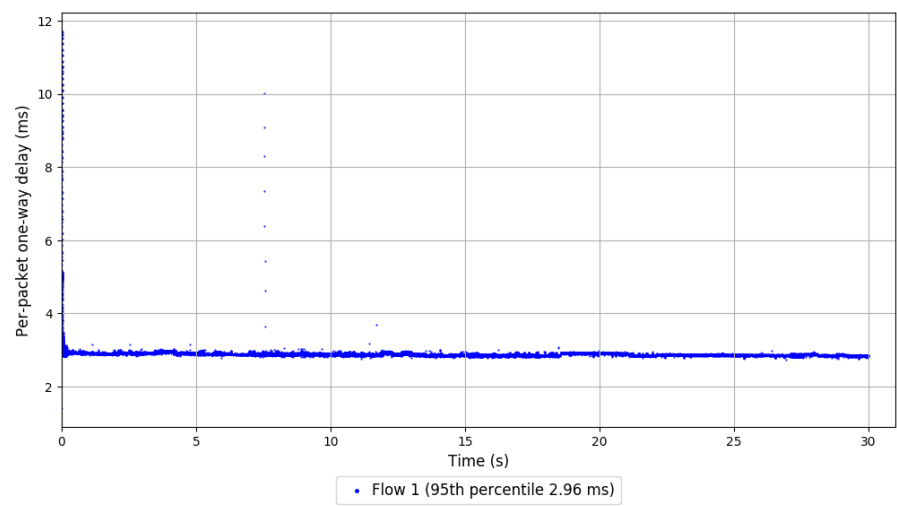
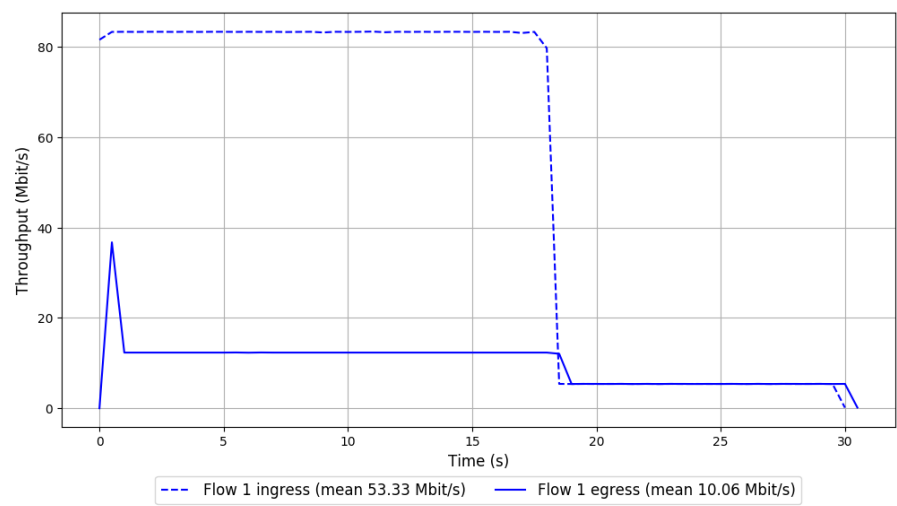
-- Flow 1:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 2.959 ms

Loss rate: 81.13%

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



Run 3: Statistics of TaoVA-100x

Start at: 2019-02-05 03:15:15

End at: 2019-02-05 03:15:45

Local clock offset: -1.522 ms

Remote clock offset: -0.061 ms

Below is generated by plot.py at 2019-02-05 04:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.07 Mbit/s

95th percentile per-packet one-way delay: 2.458 ms

Loss rate: 81.13%

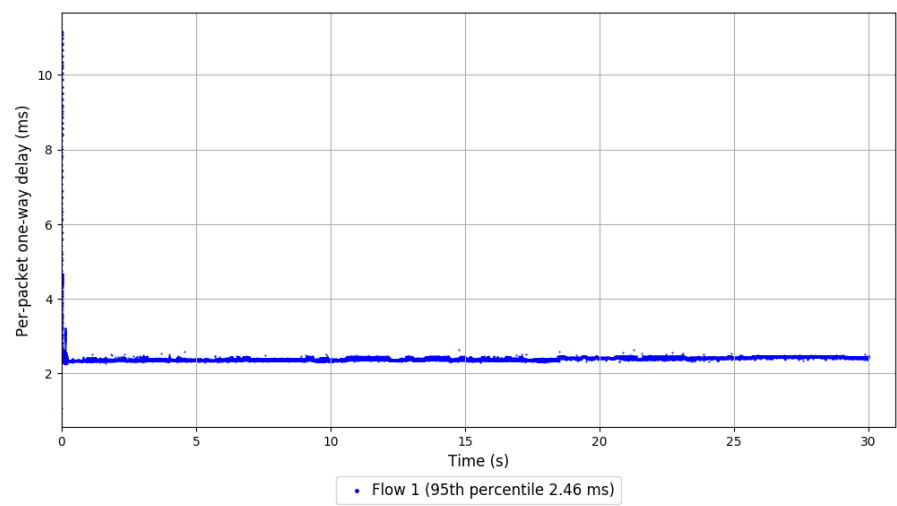
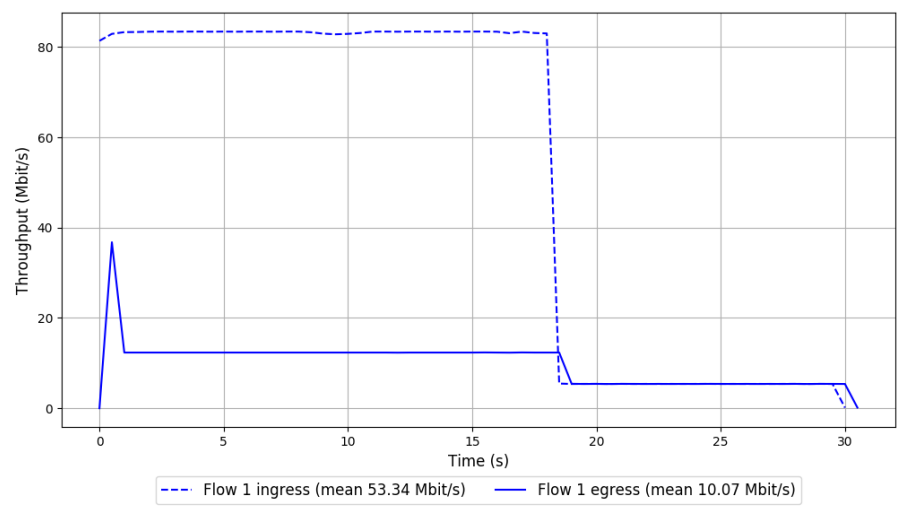
-- Flow 1:

Average throughput: 10.07 Mbit/s

95th percentile per-packet one-way delay: 2.458 ms

Loss rate: 81.13%

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



Run 4: Statistics of TaoVA-100x

Start at: 2019-02-05 03:38:43

End at: 2019-02-05 03:39:13

Local clock offset: -2.57 ms

Remote clock offset: 0.15 ms

Below is generated by plot.py at 2019-02-05 04:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 3.179 ms

Loss rate: 81.13%

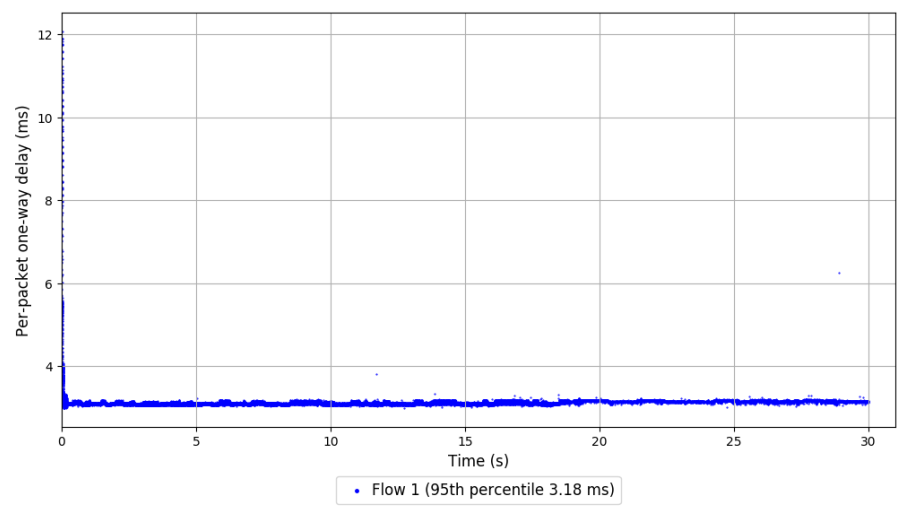
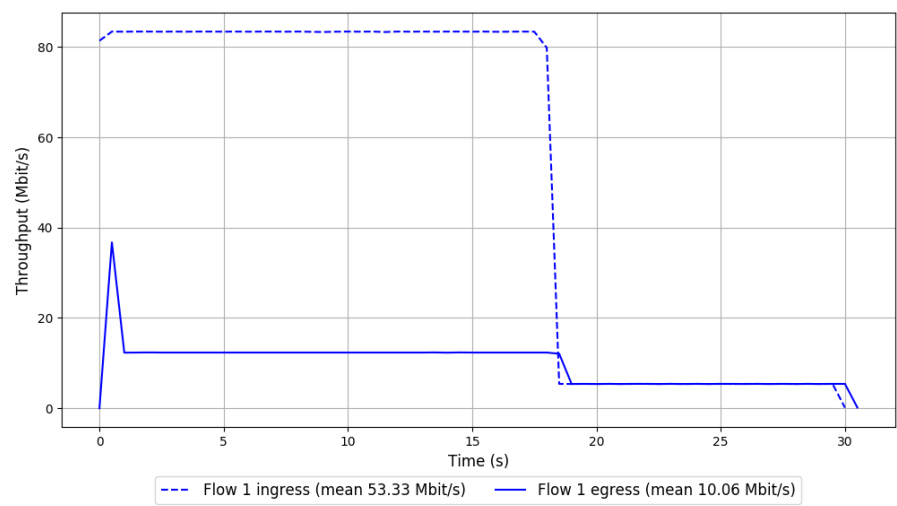
-- Flow 1:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 3.179 ms

Loss rate: 81.13%

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



Run 5: Statistics of TaoVA-100x

Start at: 2019-02-05 04:02:06

End at: 2019-02-05 04:02:36

Local clock offset: -2.726 ms

Remote clock offset: 0.522 ms

Below is generated by plot.py at 2019-02-05 04:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.71 Mbit/s

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

Loss rate: 0.00%

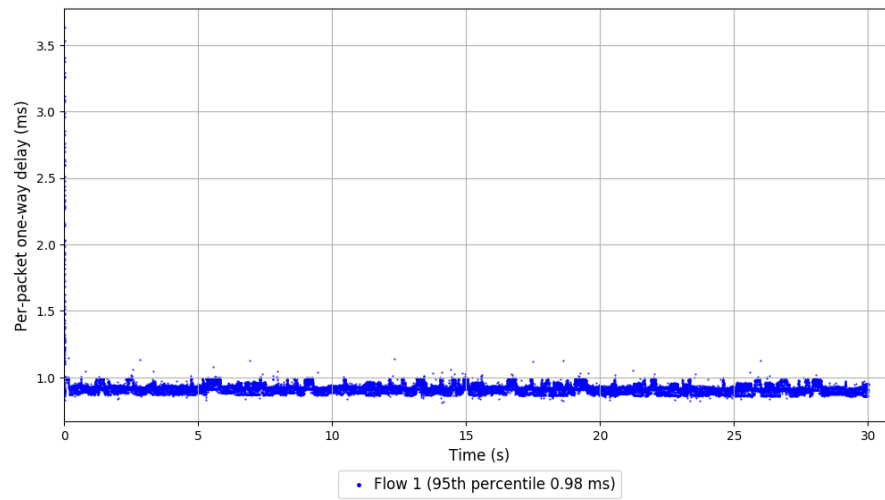
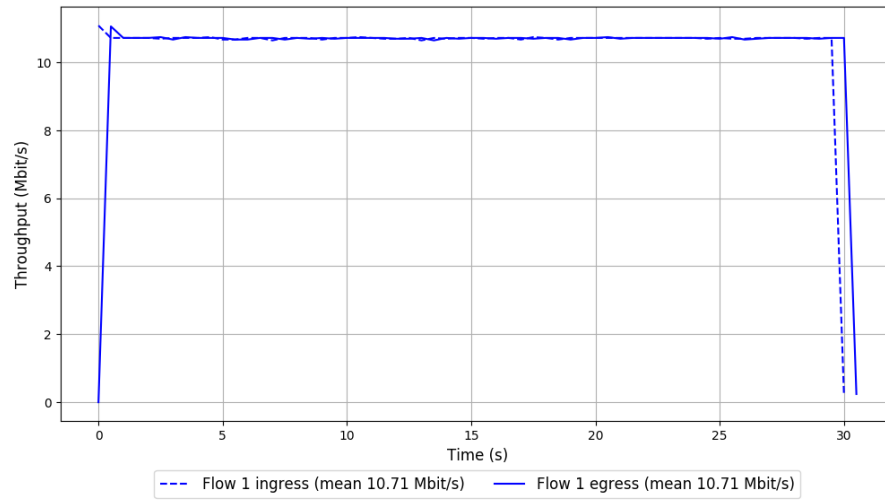
-- Flow 1:

Average throughput: 10.71 Mbit/s

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

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2019-02-05 02:43:54

End at: 2019-02-05 02:44:24

Local clock offset: 0.592 ms

Remote clock offset: -0.428 ms

Below is generated by plot.py at 2019-02-05 04:31:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.83 Mbit/s

95th percentile per-packet one-way delay: 4.362 ms

Loss rate: 0.00%

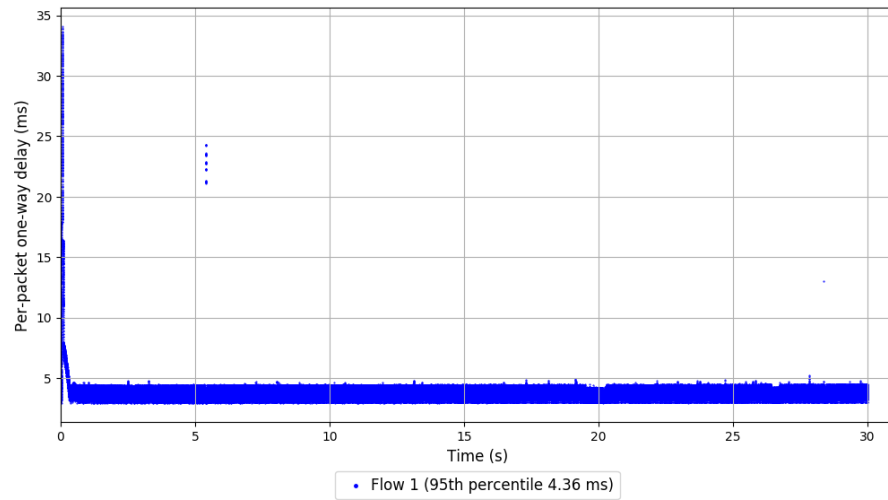
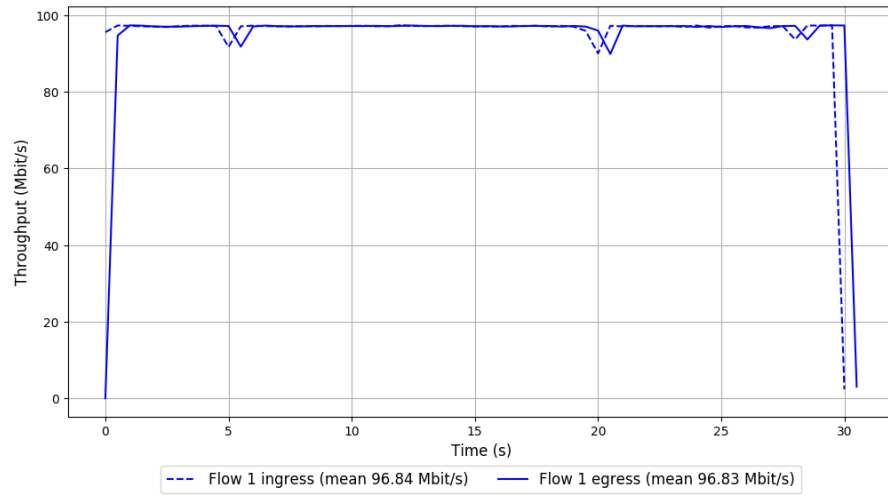
-- Flow 1:

Average throughput: 96.83 Mbit/s

95th percentile per-packet one-way delay: 4.362 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

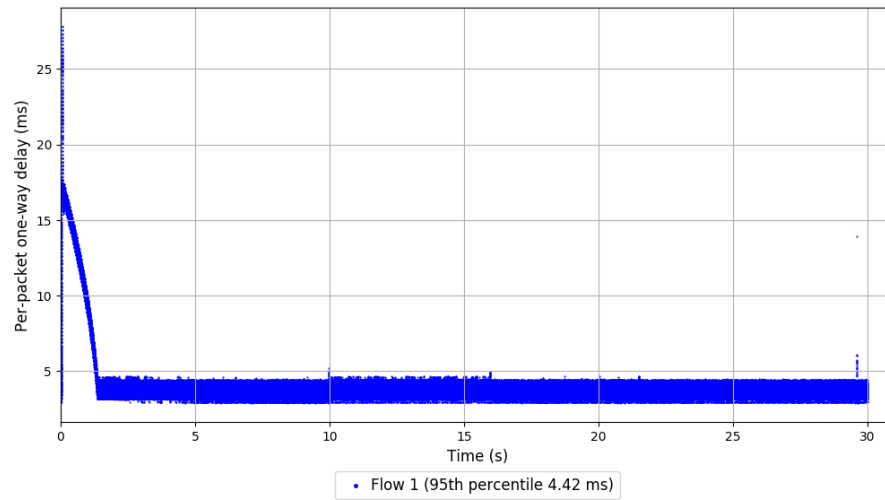
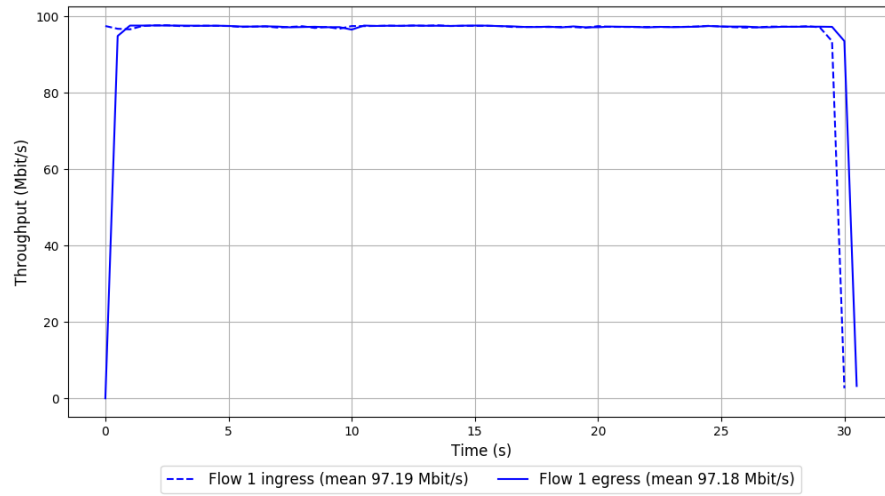


Run 2: Statistics of TCP Vegas

Start at: 2019-02-05 03:07:21
End at: 2019-02-05 03:07:51
Local clock offset: -2.589 ms
Remote clock offset: -0.207 ms

Below is generated by plot.py at 2019-02-05 04:31:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 4.420 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 4.420 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-02-05 03:30:48

End at: 2019-02-05 03:31:18

Local clock offset: -2.026 ms

Remote clock offset: 0.074 ms

Below is generated by plot.py at 2019-02-05 04:31:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 2.049 ms

Loss rate: 0.00%

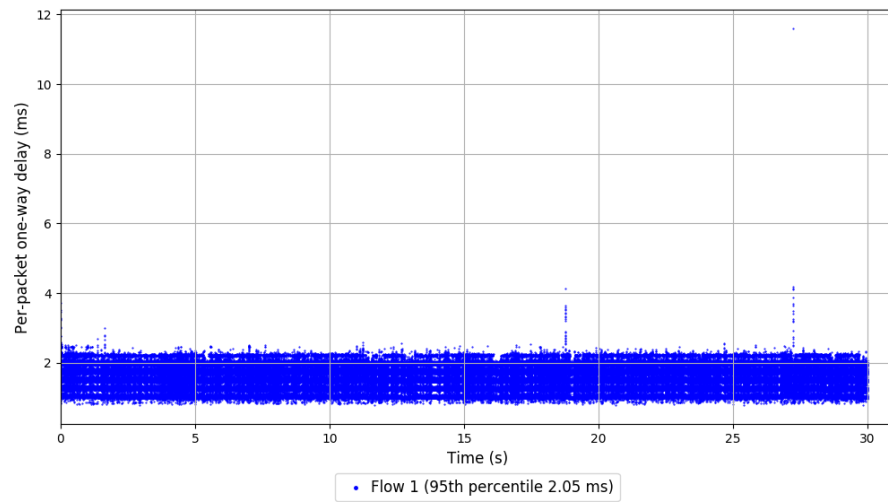
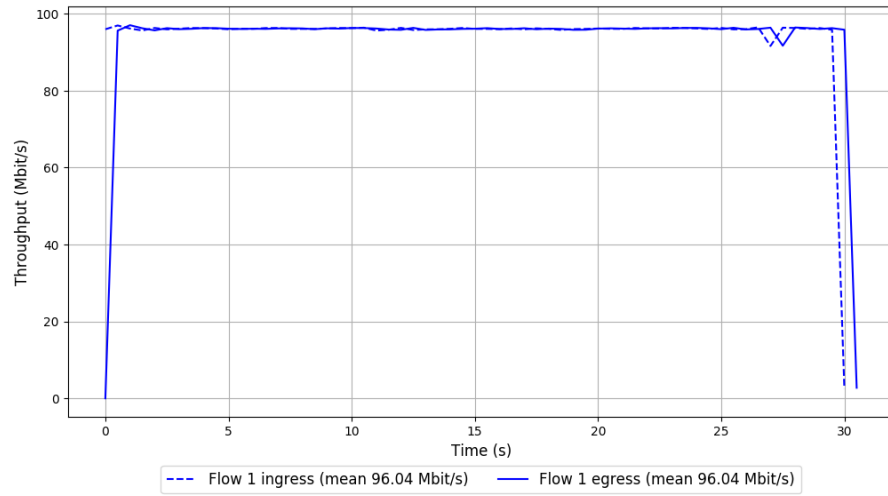
-- Flow 1:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 2.049 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

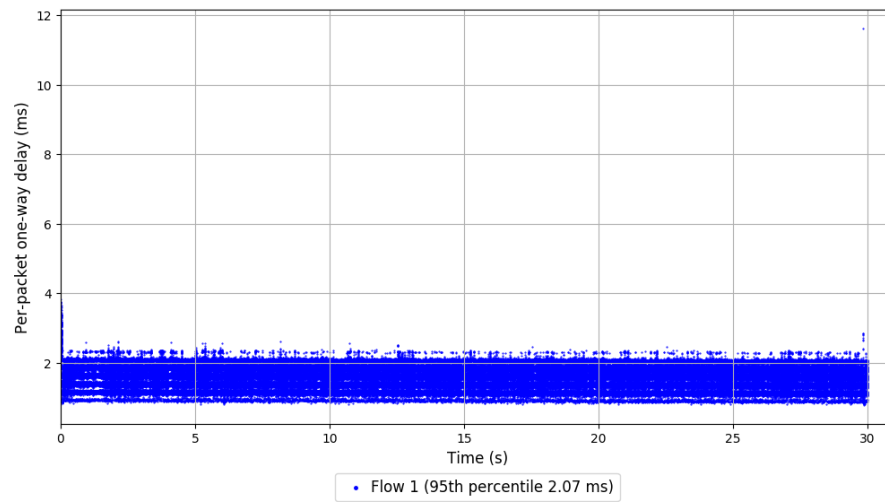
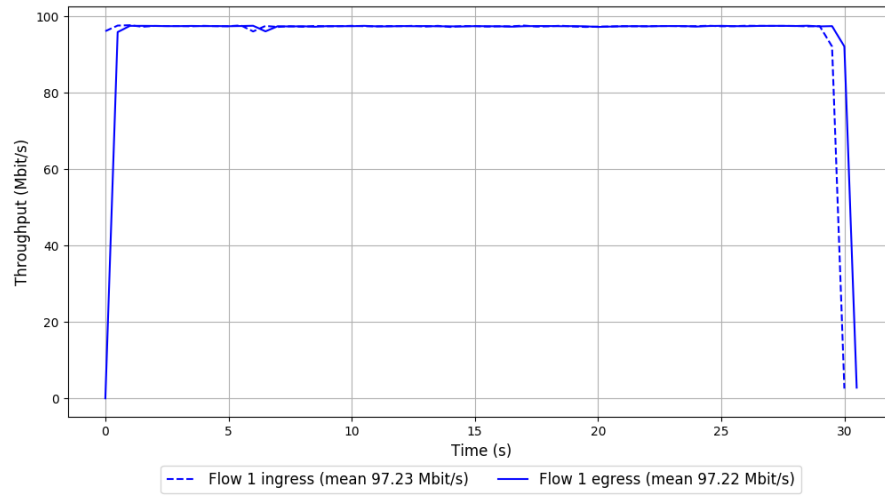


Run 4: Statistics of TCP Vegas

Start at: 2019-02-05 03:54:14
End at: 2019-02-05 03:54:44
Local clock offset: -2.542 ms
Remote clock offset: 0.345 ms

Below is generated by plot.py at 2019-02-05 04:31:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 2.067 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 2.067 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-02-05 04:17:36

End at: 2019-02-05 04:18:06

Local clock offset: -2.639 ms

Remote clock offset: 0.817 ms

Below is generated by plot.py at 2019-02-05 04:31:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 2.092 ms

Loss rate: 0.00%

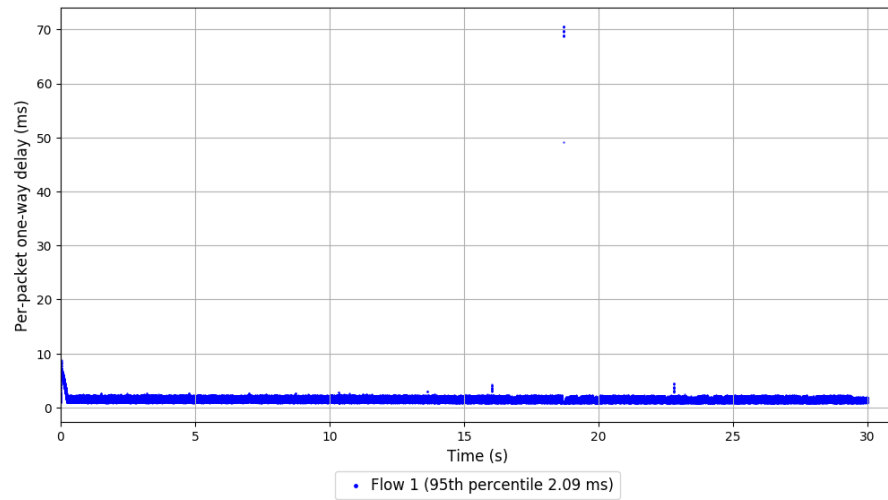
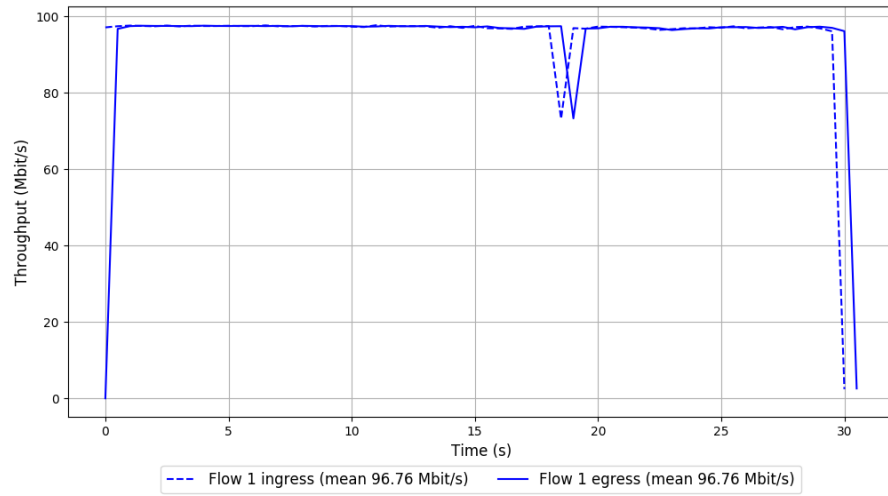
-- Flow 1:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 2.092 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

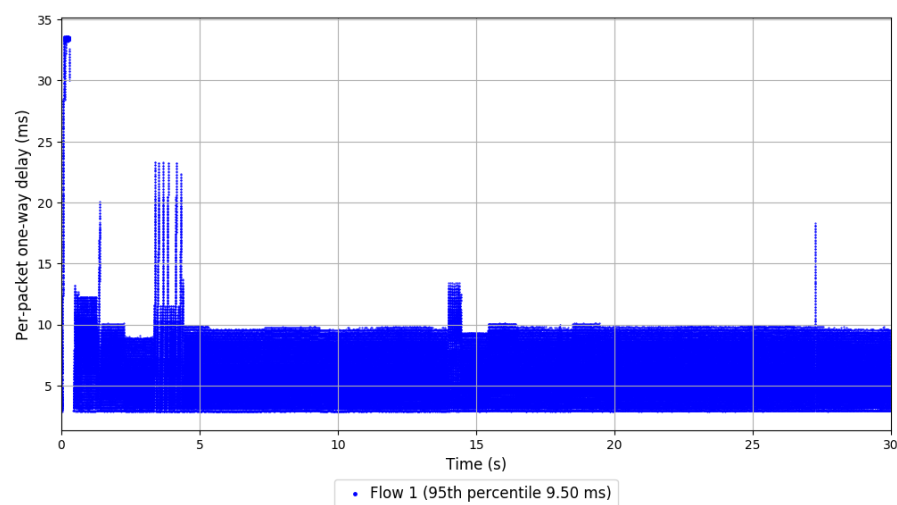
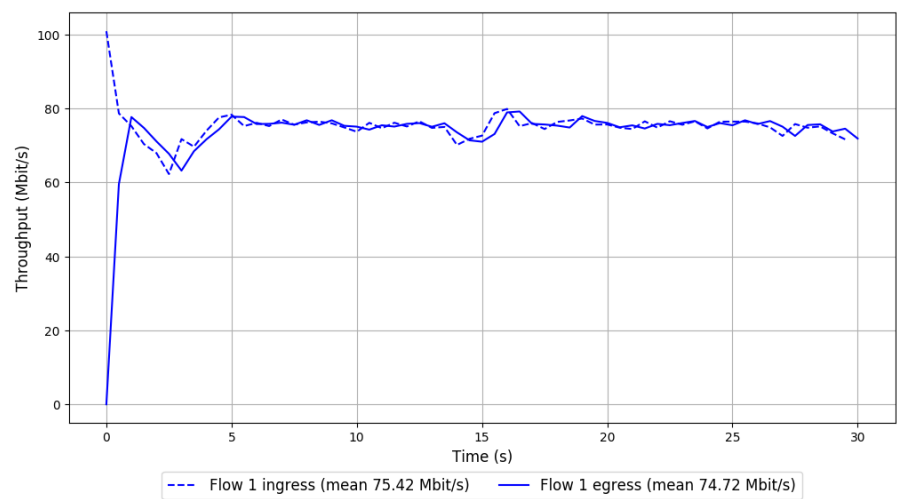


Run 1: Statistics of Verus

Start at: 2019-02-05 02:36:04
End at: 2019-02-05 02:36:34
Local clock offset: -0.131 ms
Remote clock offset: -0.443 ms

Below is generated by plot.py at 2019-02-05 04:31:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.72 Mbit/s
95th percentile per-packet one-way delay: 9.504 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 74.72 Mbit/s
95th percentile per-packet one-way delay: 9.504 ms
Loss rate: 0.92%

Run 1: Report of Verus — Data Link

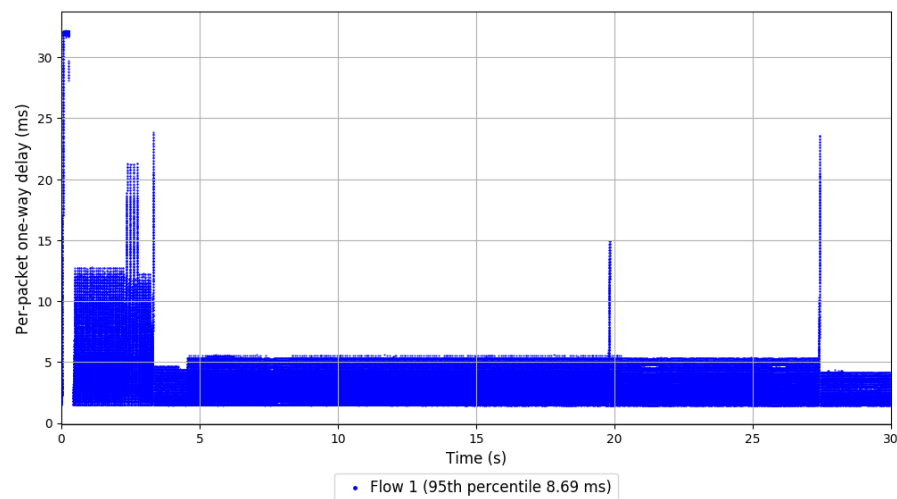
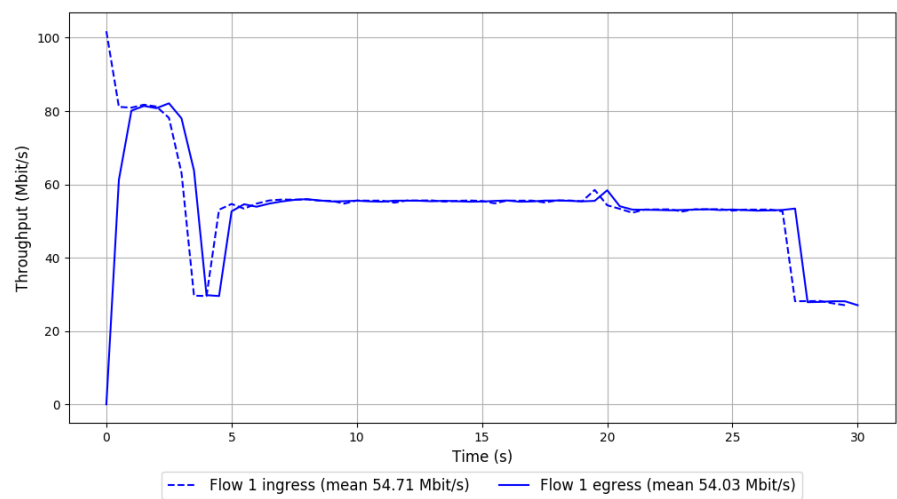


Run 2: Statistics of Verus

Start at: 2019-02-05 02:59:37
End at: 2019-02-05 03:00:07
Local clock offset: -2.541 ms
Remote clock offset: -0.249 ms

Below is generated by plot.py at 2019-02-05 04:31:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 8.690 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 8.690 ms
Loss rate: 1.24%

Run 2: Report of Verus — Data Link

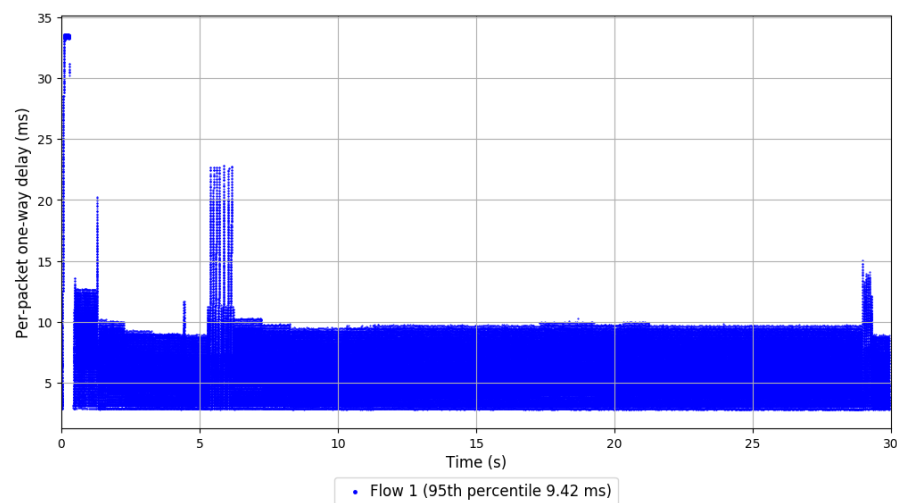
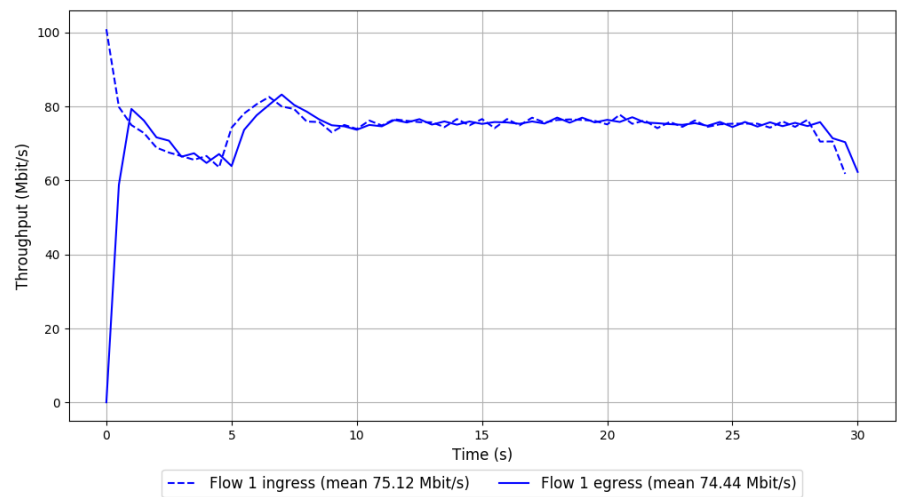


Run 3: Statistics of Verus

Start at: 2019-02-05 03:23:04
End at: 2019-02-05 03:23:34
Local clock offset: -2.743 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2019-02-05 04:31:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.44 Mbit/s
95th percentile per-packet one-way delay: 9.423 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 74.44 Mbit/s
95th percentile per-packet one-way delay: 9.423 ms
Loss rate: 0.91%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-02-05 03:46:32

End at: 2019-02-05 03:47:02

Local clock offset: -2.232 ms

Remote clock offset: 0.301 ms

Below is generated by plot.py at 2019-02-05 04:31:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.44 Mbit/s

95th percentile per-packet one-way delay: 6.894 ms

Loss rate: 1.74%

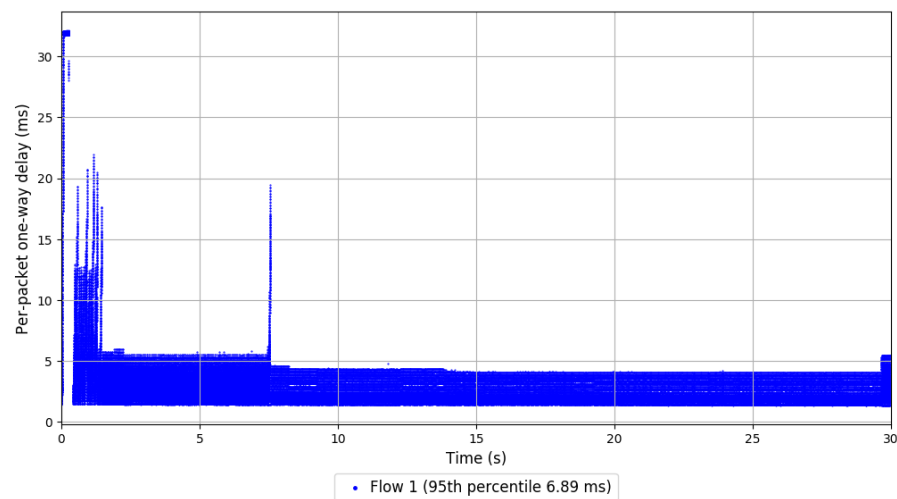
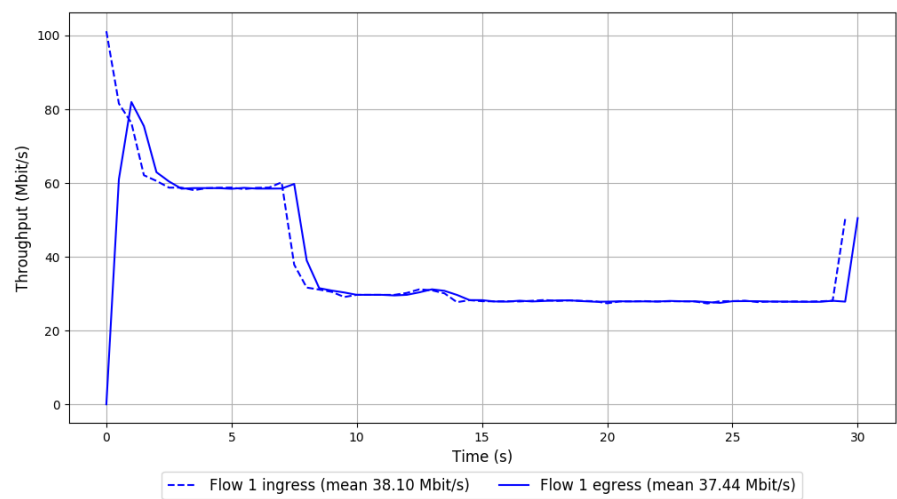
-- Flow 1:

Average throughput: 37.44 Mbit/s

95th percentile per-packet one-way delay: 6.894 ms

Loss rate: 1.74%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-02-05 04:09:54

End at: 2019-02-05 04:10:24

Local clock offset: -2.703 ms

Remote clock offset: 0.6 ms

Below is generated by plot.py at 2019-02-05 04:32:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.41 Mbit/s

95th percentile per-packet one-way delay: 4.571 ms

Loss rate: 1.27%

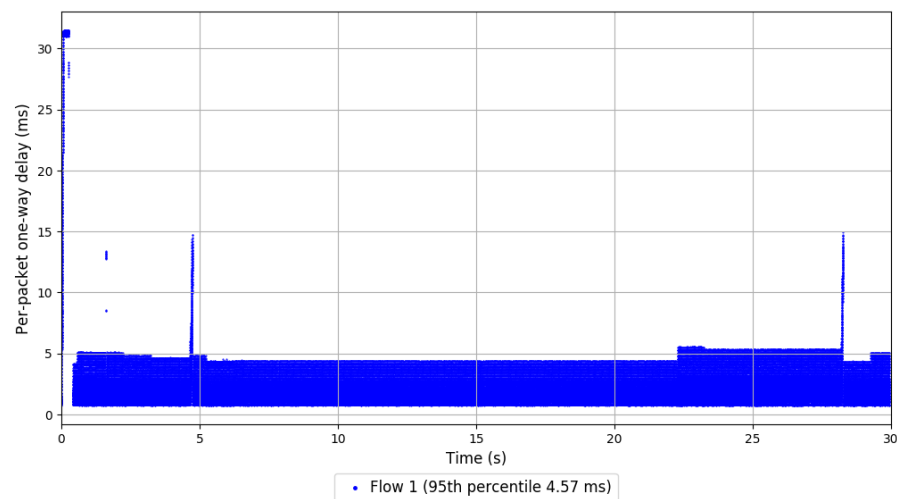
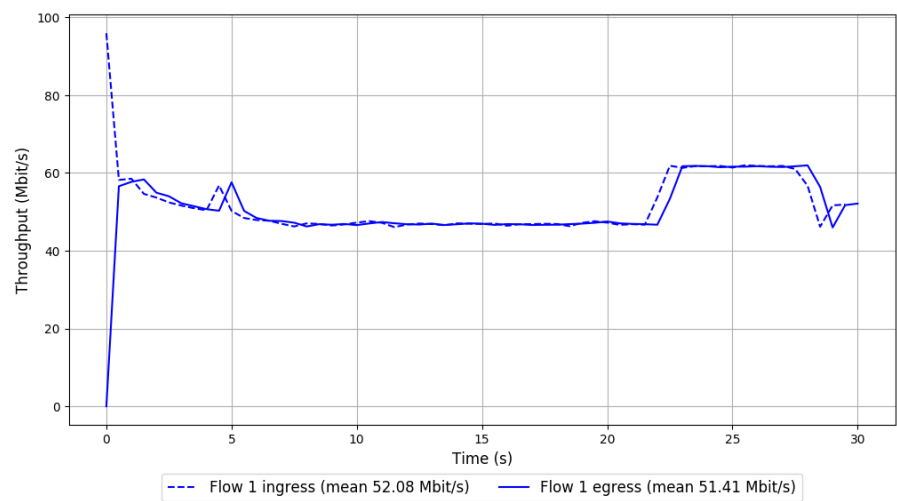
-- Flow 1:

Average throughput: 51.41 Mbit/s

95th percentile per-packet one-way delay: 4.571 ms

Loss rate: 1.27%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-02-05 02:40:32

End at: 2019-02-05 02:41:02

Local clock offset: 0.239 ms

Remote clock offset: -0.285 ms

Below is generated by plot.py at 2019-02-05 04:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.18 Mbit/s

95th percentile per-packet one-way delay: 3.302 ms

Loss rate: 0.00%

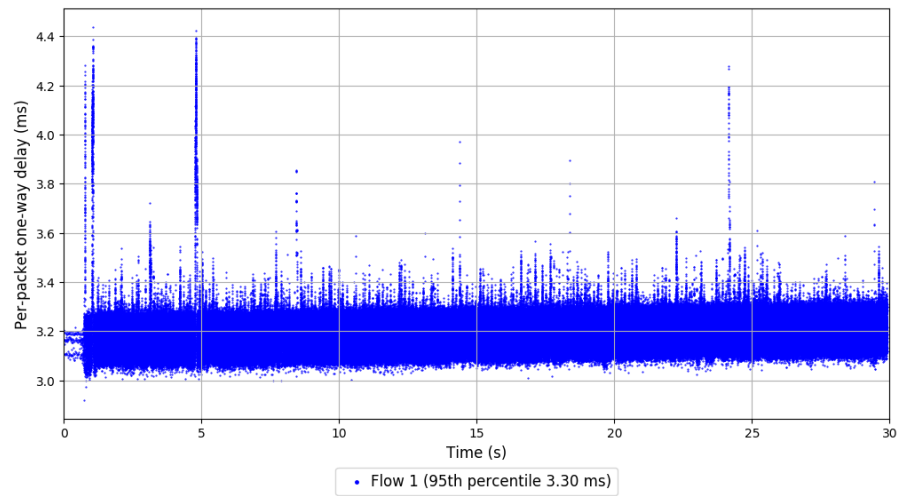
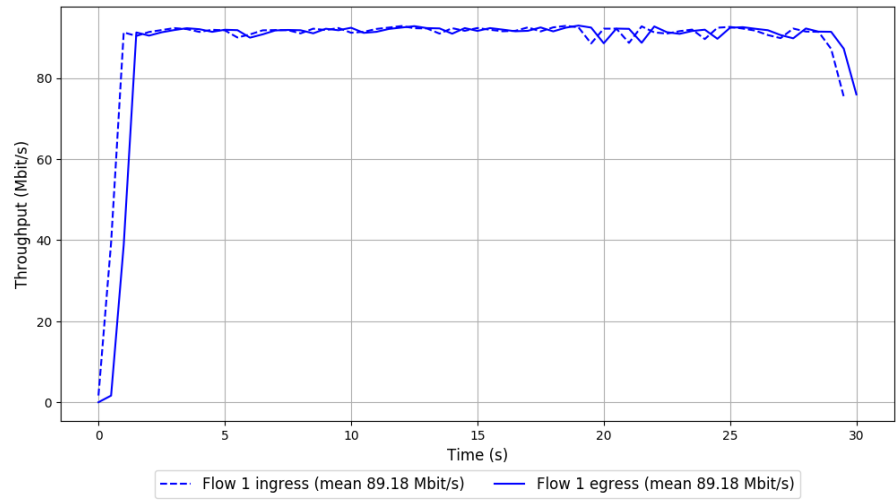
-- Flow 1:

Average throughput: 89.18 Mbit/s

95th percentile per-packet one-way delay: 3.302 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-02-05 03:03:59

End at: 2019-02-05 03:04:29

Local clock offset: -2.656 ms

Remote clock offset: -0.129 ms

Below is generated by plot.py at 2019-02-05 04:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.26 Mbit/s

95th percentile per-packet one-way delay: 1.846 ms

Loss rate: 0.00%

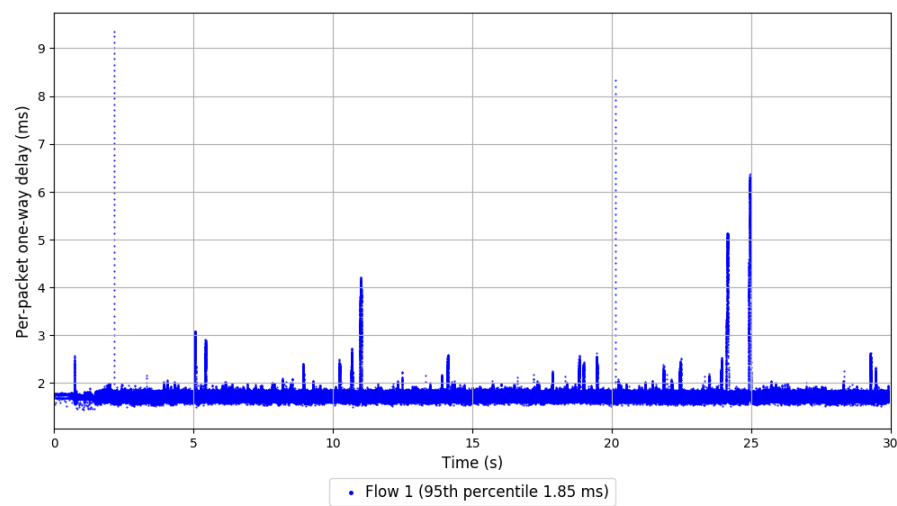
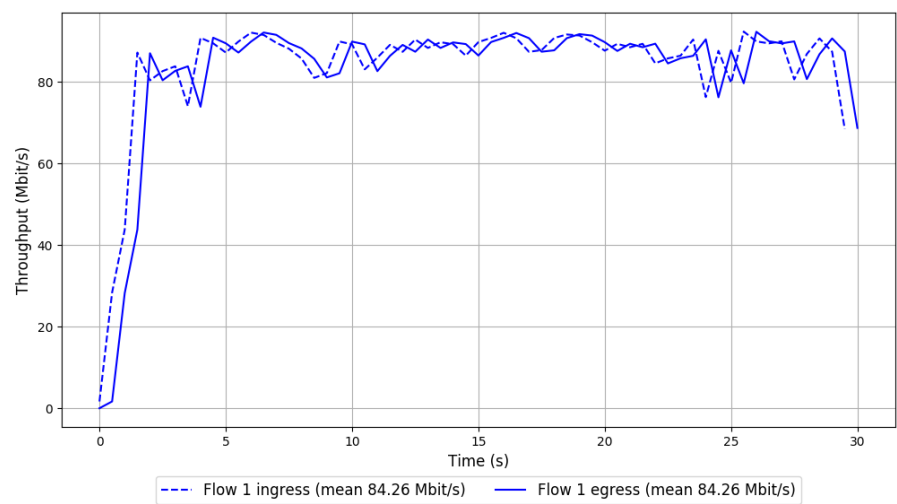
-- Flow 1:

Average throughput: 84.26 Mbit/s

95th percentile per-packet one-way delay: 1.846 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-02-05 03:27:27

End at: 2019-02-05 03:27:57

Local clock offset: -2.065 ms

Remote clock offset: 0.071 ms

Below is generated by plot.py at 2019-02-05 04:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.90 Mbit/s

95th percentile per-packet one-way delay: 1.099 ms

Loss rate: 0.00%

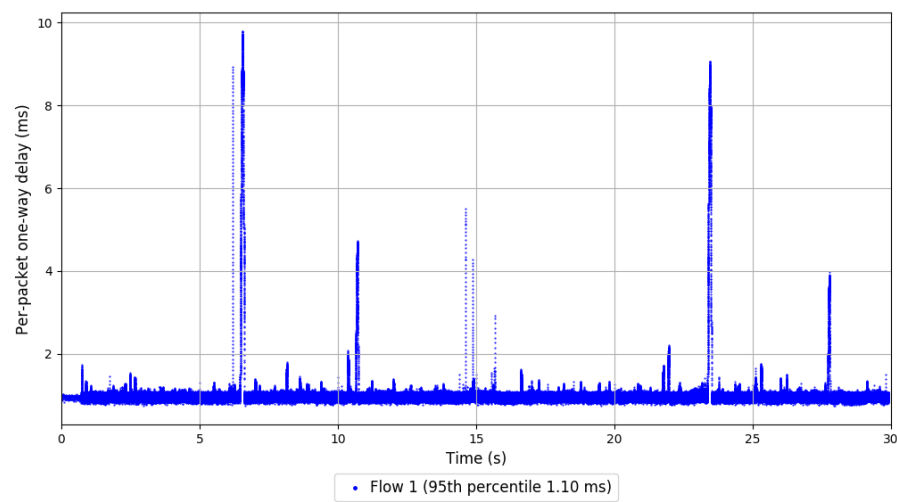
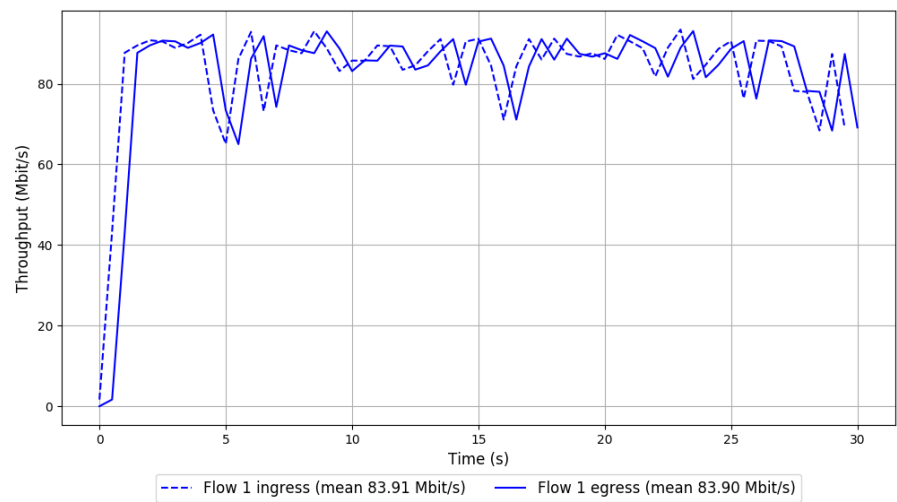
-- Flow 1:

Average throughput: 83.90 Mbit/s

95th percentile per-packet one-way delay: 1.099 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-02-05 03:50:54

End at: 2019-02-05 03:51:24

Local clock offset: -2.222 ms

Remote clock offset: 0.386 ms

Below is generated by plot.py at 2019-02-05 04:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.26 Mbit/s

95th percentile per-packet one-way delay: 1.105 ms

Loss rate: 0.00%

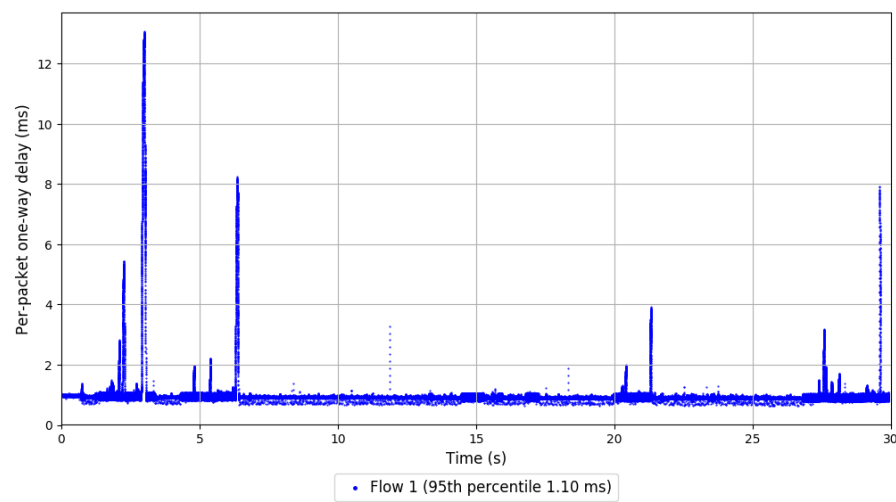
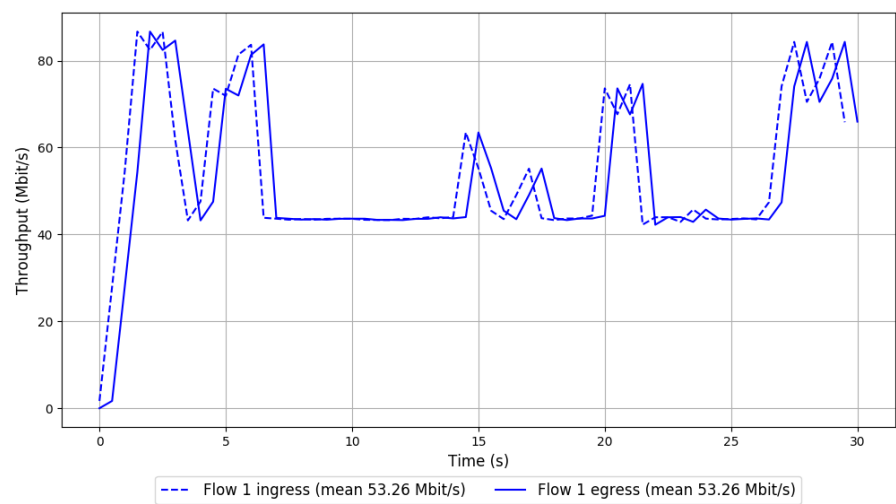
-- Flow 1:

Average throughput: 53.26 Mbit/s

95th percentile per-packet one-way delay: 1.105 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-02-05 04:14:17

End at: 2019-02-05 04:14:47

Local clock offset: -2.659 ms

Remote clock offset: 0.645 ms

Below is generated by plot.py at 2019-02-05 04:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.85 Mbit/s

95th percentile per-packet one-way delay: 1.302 ms

Loss rate: 0.00%

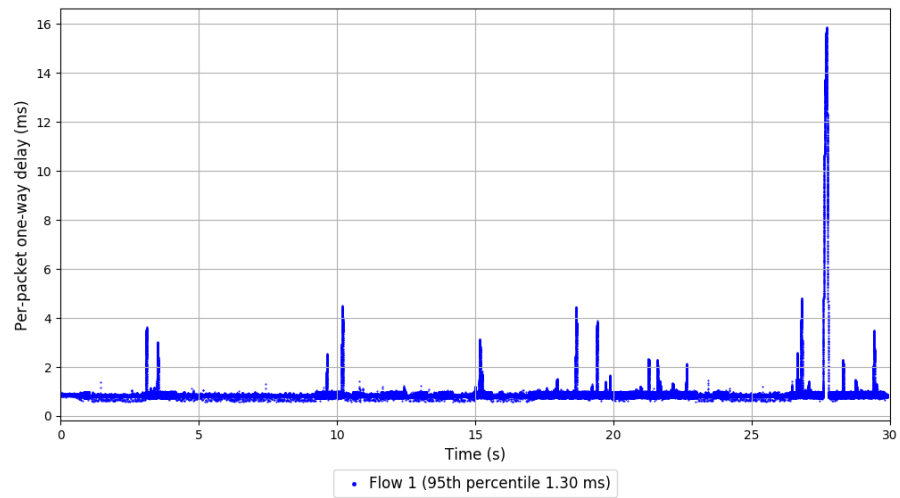
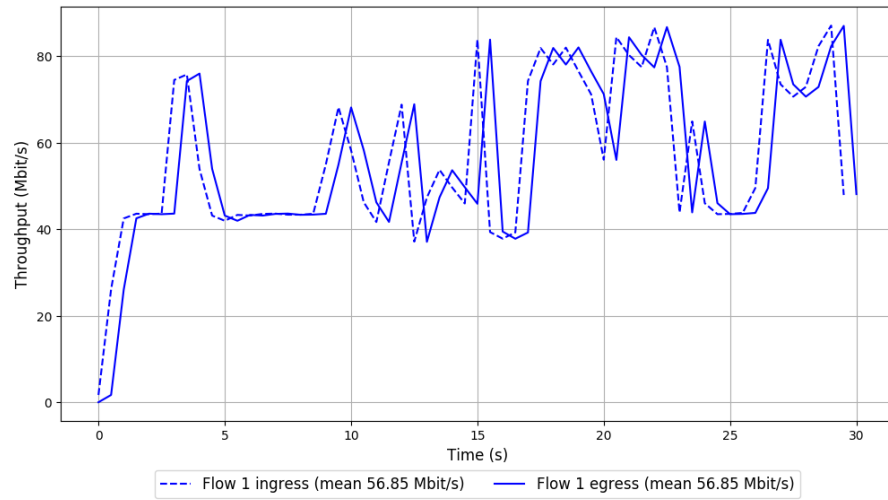
-- Flow 1:

Average throughput: 56.85 Mbit/s

95th percentile per-packet one-way delay: 1.302 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-02-05 02:38:16

End at: 2019-02-05 02:38:46

Local clock offset: 0.029 ms

Remote clock offset: -0.406 ms

Below is generated by plot.py at 2019-02-05 04:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.03 Mbit/s

95th percentile per-packet one-way delay: 3.687 ms

Loss rate: 0.00%

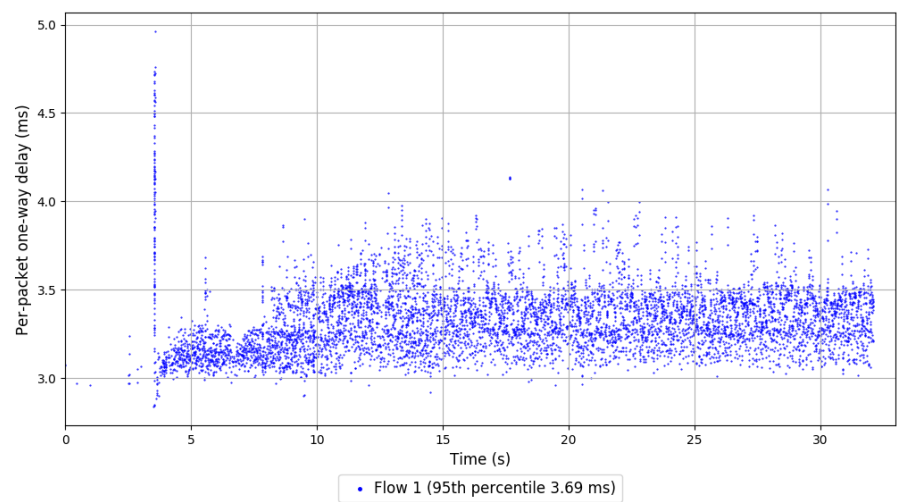
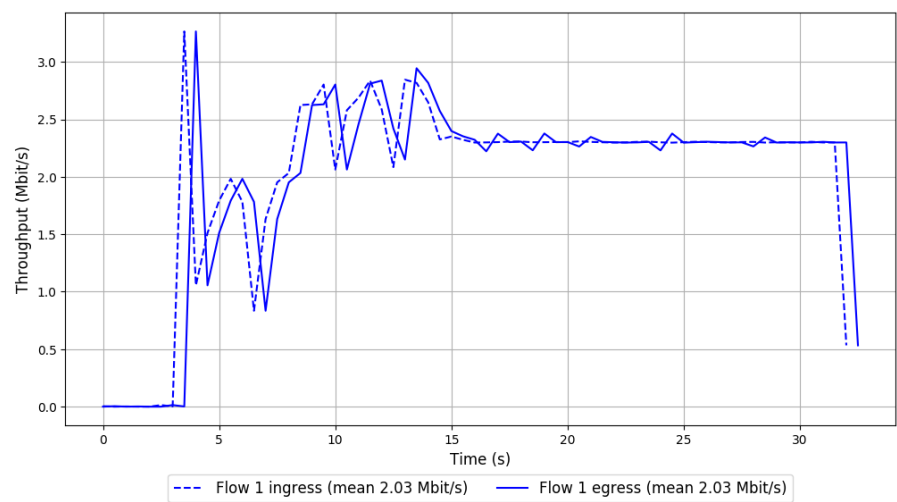
-- Flow 1:

Average throughput: 2.03 Mbit/s

95th percentile per-packet one-way delay: 3.687 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

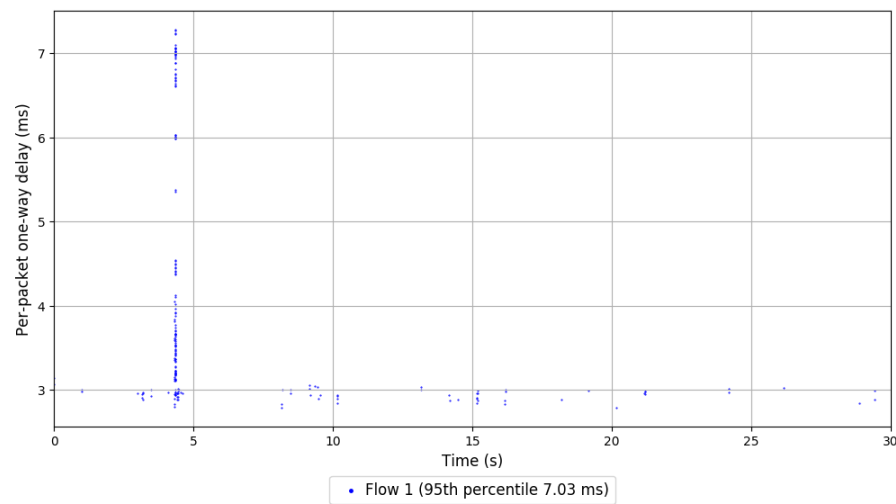
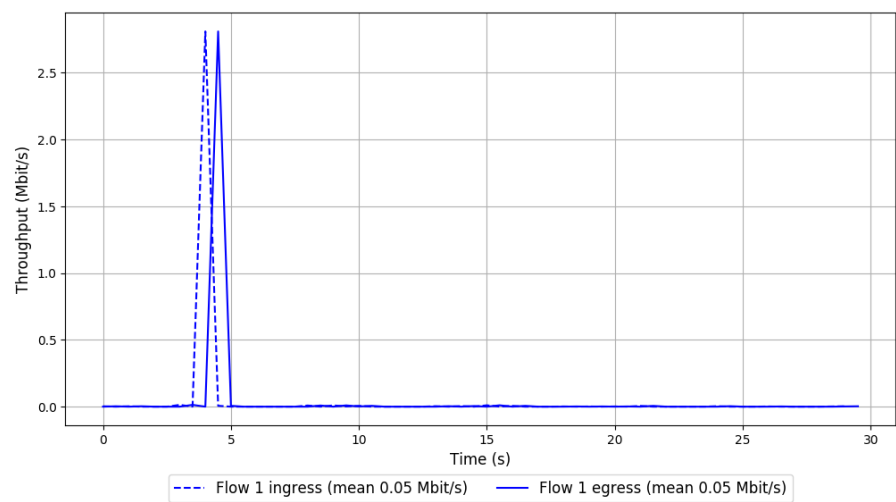


Run 2: Statistics of WebRTC media

Start at: 2019-02-05 03:01:49
End at: 2019-02-05 03:02:19
Local clock offset: -2.604 ms
Remote clock offset: -0.231 ms

Below is generated by plot.py at 2019-02-05 04:32:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 7.028 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 7.028 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-02-05 03:25:16

End at: 2019-02-05 03:25:46

Local clock offset: -2.785 ms

Remote clock offset: -0.01 ms

Below is generated by plot.py at 2019-02-05 04:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.590 ms

Loss rate: 0.00%

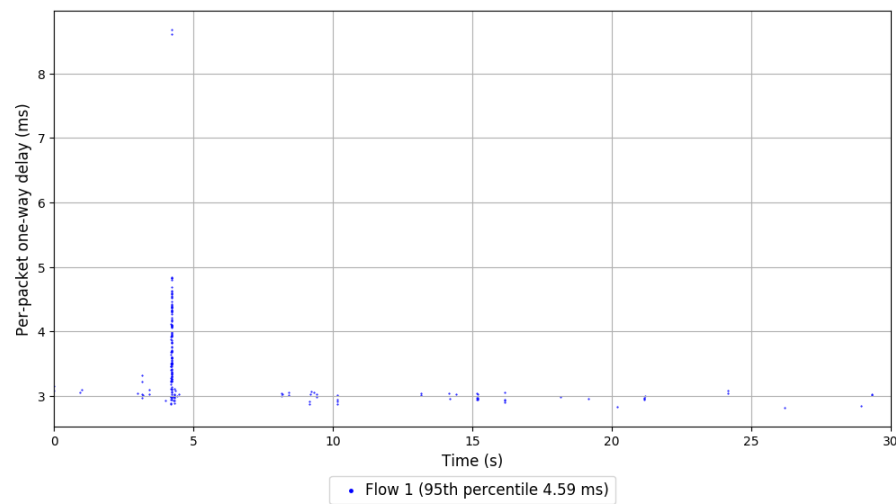
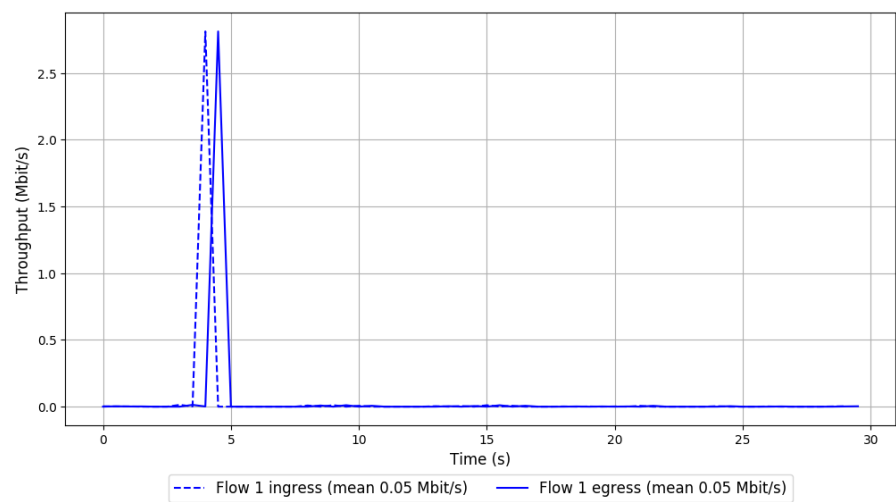
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.590 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-02-05 03:48:42

End at: 2019-02-05 03:49:12

Local clock offset: -1.941 ms

Remote clock offset: 0.297 ms

Below is generated by plot.py at 2019-02-05 04:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.138 ms

Loss rate: 0.00%

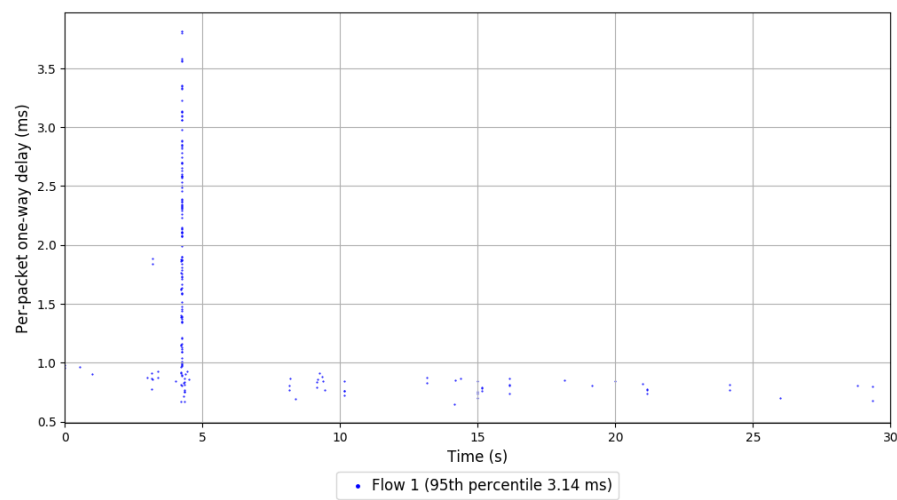
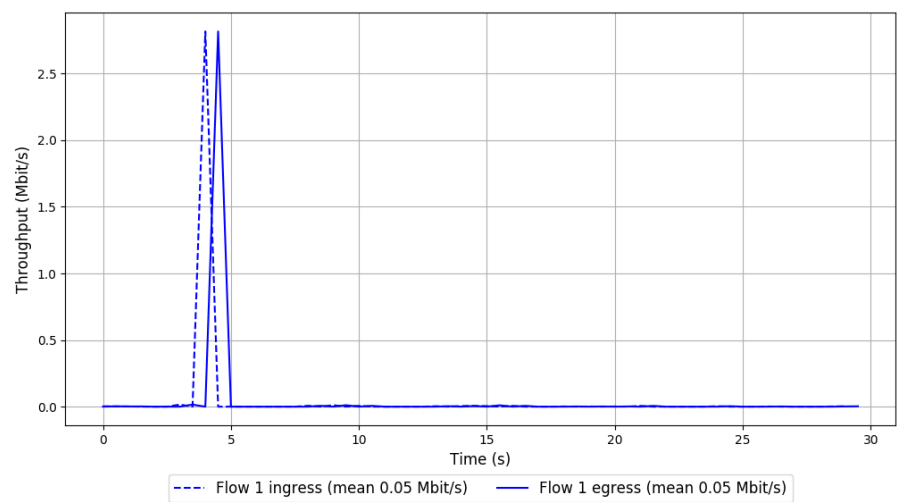
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.138 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-02-05 04:12:05

End at: 2019-02-05 04:12:35

Local clock offset: -2.702 ms

Remote clock offset: 0.613 ms

Below is generated by plot.py at 2019-02-05 04:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.363 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.363 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

