

Pantheon Report

Generated at 2019-05-29 21:46:52 (UTC).

Data path: AWS California 2 on *ens5 (local)* → Mexico on *em1 (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

scheme	# runs	mean avg tput (Mbit/s)	mean 95th-%ile delay (ms)	mean loss rate (%)
		flow 1	flow 1	flow 1
TCP BBR	5	95.17	55.41	1.17
Copa	1	12.61	27.45	71.79
TCP Cubic	5	85.25	48.23	0.54
FillP	5	95.61	35.50	0.73
FillP-Sheep	5	92.81	33.28	0.47
Indigo	5	95.73	31.28	0.02
Indigo-MusesC3	5	96.30	34.73	0.10
Indigo-MusesC5	5	95.83	32.32	0.07
Indigo-MusesD	5	95.97	31.39	0.05
Indigo-MusesT	5	96.09	37.39	1.00
LEDBAT	5	46.83	31.12	0.05
PCC-Allegro	5	91.48	32.17	0.73
PCC-Expr	1	13.05	27.16	47.00
QUIC Cubic	5	72.85	51.08	0.87
SReAM	5	0.19	27.18	0.06
Sprout	5	11.77	32.82	0.18
TaoVA-100x	4	12.60	27.25	74.62
TCP Vegas	5	57.15	30.89	0.78
Verus	5	55.38	62.67	28.75
PCC-Vivace	5	84.93	30.07	0.07
WebRTC media	5	0.05	27.68	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-05-29 19:52:45

End at: 2019-05-29 19:53:15

Local clock offset: 1.003 ms

Remote clock offset: -3.05 ms

Below is generated by plot.py at 2019-05-29 21:37:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 55.490 ms

Loss rate: 1.16%

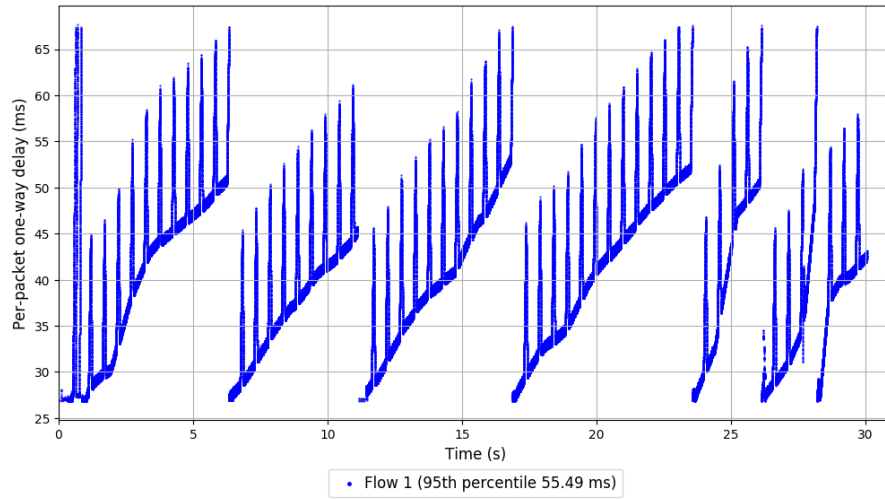
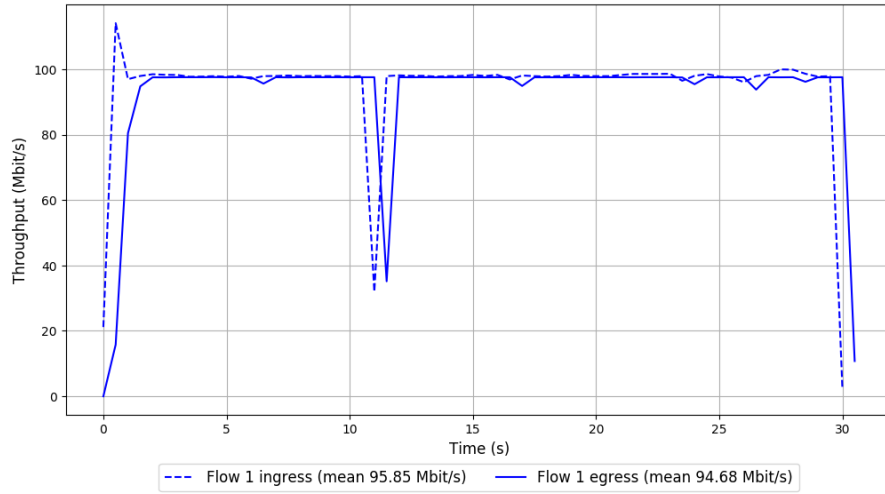
-- Flow 1:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 55.490 ms

Loss rate: 1.16%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-05-29 20:17:38

End at: 2019-05-29 20:18:08

Local clock offset: 0.722 ms

Remote clock offset: -2.684 ms

Below is generated by plot.py at 2019-05-29 21:37:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.67 Mbit/s

95th percentile per-packet one-way delay: 54.938 ms

Loss rate: 1.09%

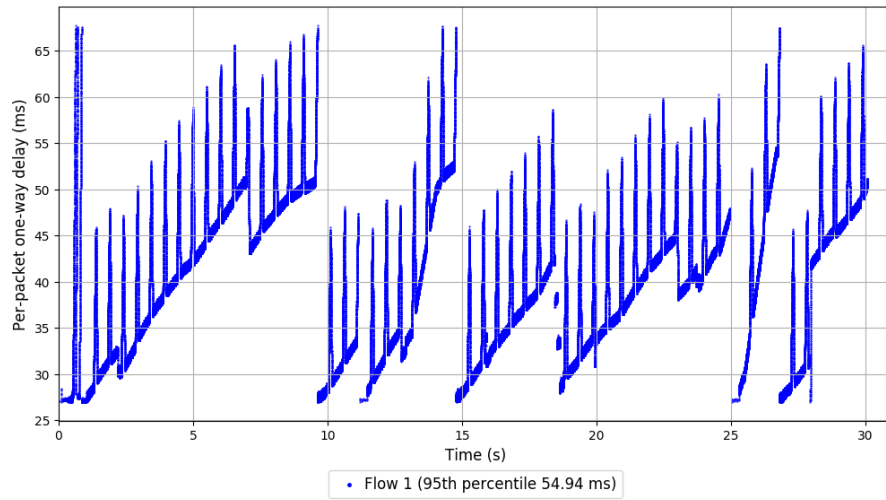
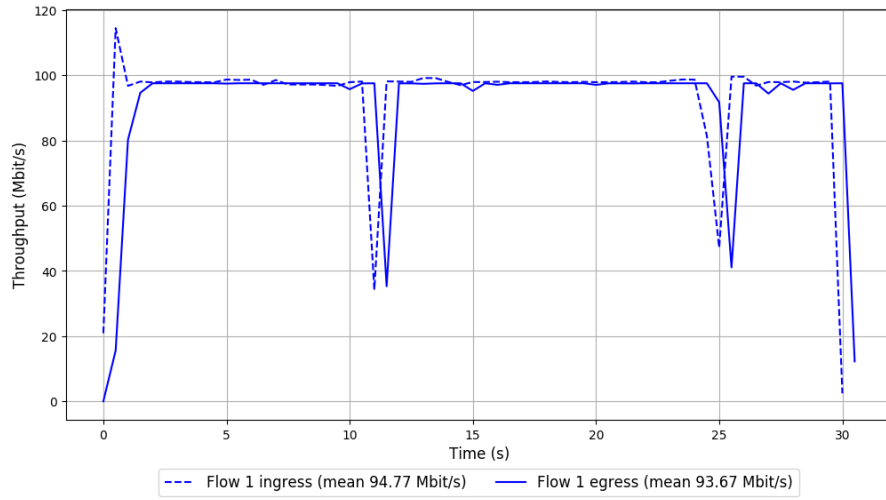
-- Flow 1:

Average throughput: 93.67 Mbit/s

95th percentile per-packet one-way delay: 54.938 ms

Loss rate: 1.09%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-05-29 20:42:55

End at: 2019-05-29 20:43:25

Local clock offset: 0.644 ms

Remote clock offset: -2.432 ms

Below is generated by plot.py at 2019-05-29 21:37:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.05 Mbit/s

95th percentile per-packet one-way delay: 55.651 ms

Loss rate: 0.90%

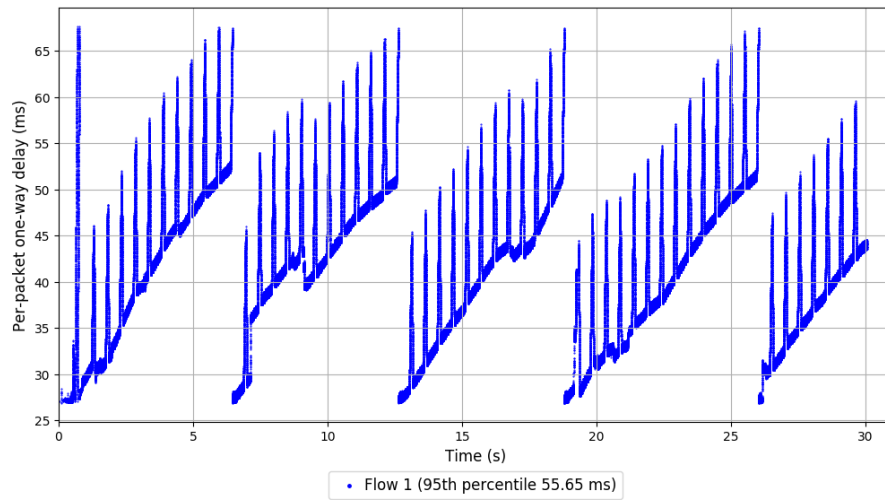
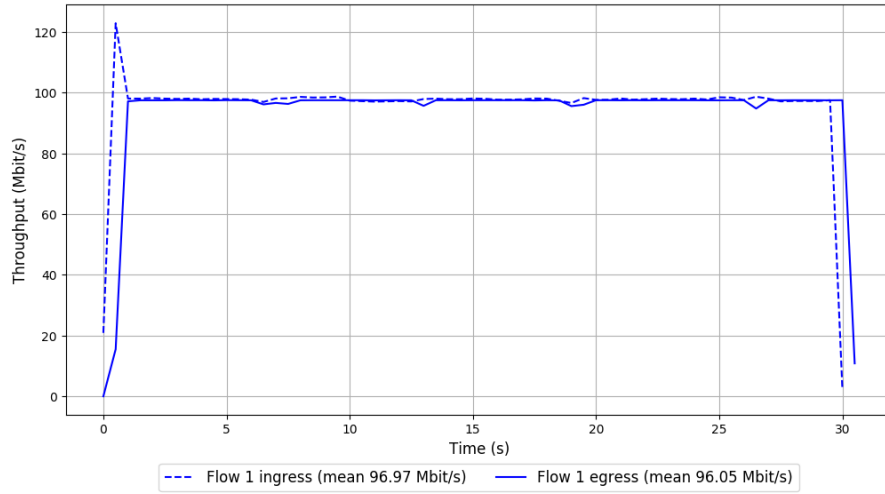
-- Flow 1:

Average throughput: 96.05 Mbit/s

95th percentile per-packet one-way delay: 55.651 ms

Loss rate: 0.90%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-05-29 21:08:22

End at: 2019-05-29 21:08:52

Local clock offset: 0.582 ms

Remote clock offset: -2.325 ms

Below is generated by plot.py at 2019-05-29 21:37:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.73 Mbit/s

95th percentile per-packet one-way delay: 55.935 ms

Loss rate: 1.09%

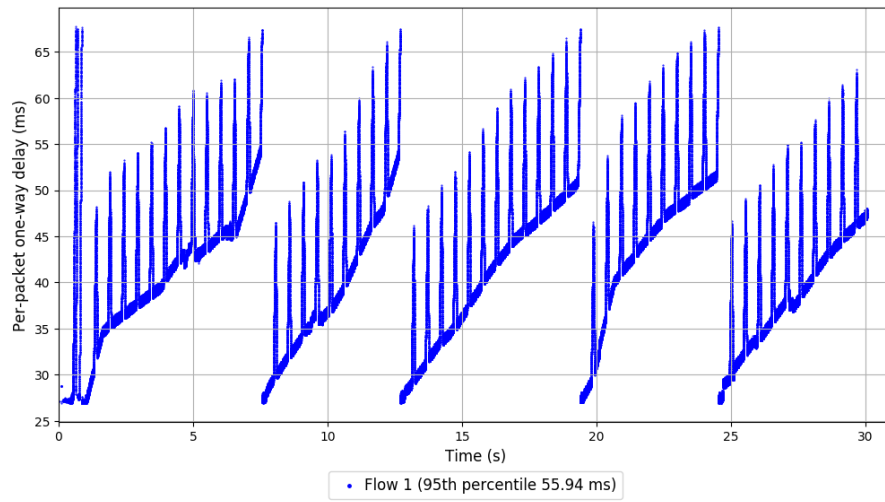
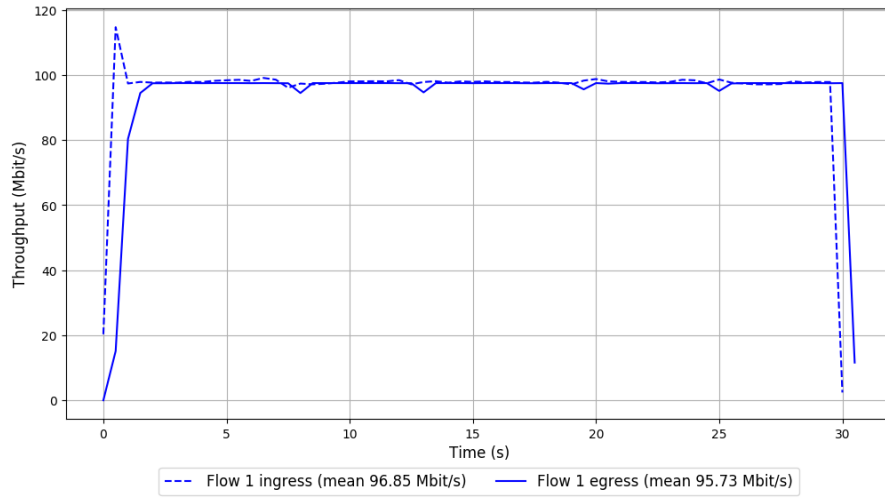
-- Flow 1:

Average throughput: 95.73 Mbit/s

95th percentile per-packet one-way delay: 55.935 ms

Loss rate: 1.09%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-05-29 21:33:51

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

Local clock offset: 0.341 ms

Remote clock offset: -2.677 ms

Below is generated by plot.py at 2019-05-29 21:37:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 55.012 ms

Loss rate: 1.61%

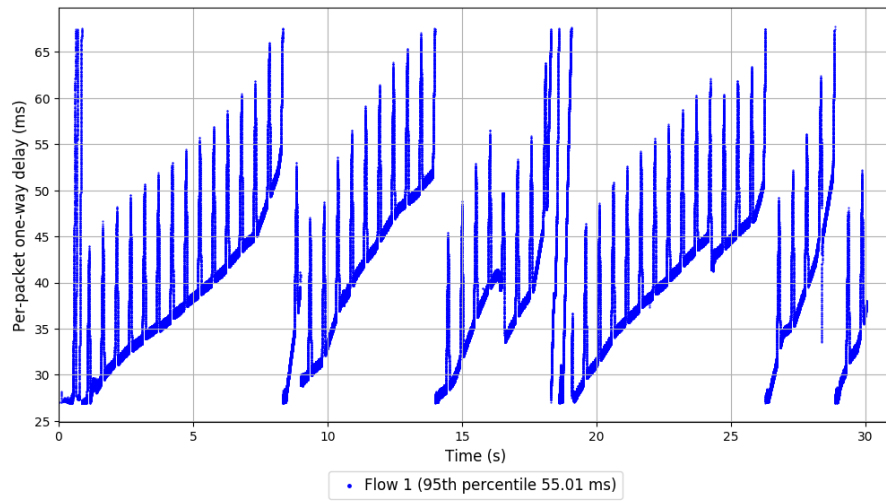
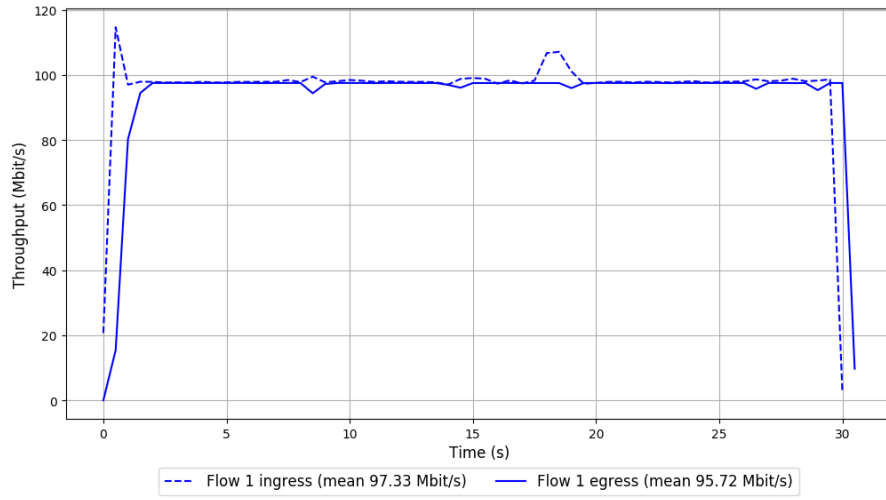
-- Flow 1:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 55.012 ms

Loss rate: 1.61%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2019-05-29 19:38:09

End at: 2019-05-29 19:38:39

Local clock offset: 1.683 ms

Remote clock offset: -3.15 ms

Below is generated by plot.py at 2019-05-29 21:37:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.61 Mbit/s

95th percentile per-packet one-way delay: 27.445 ms

Loss rate: 71.79%

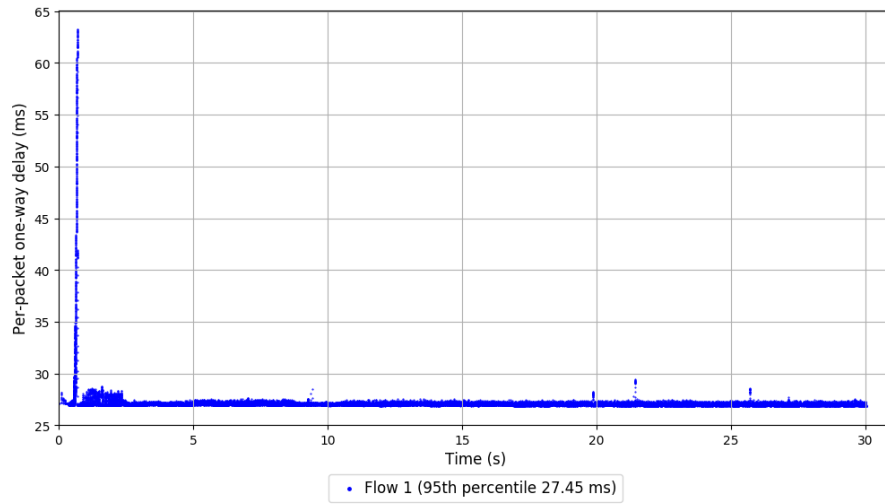
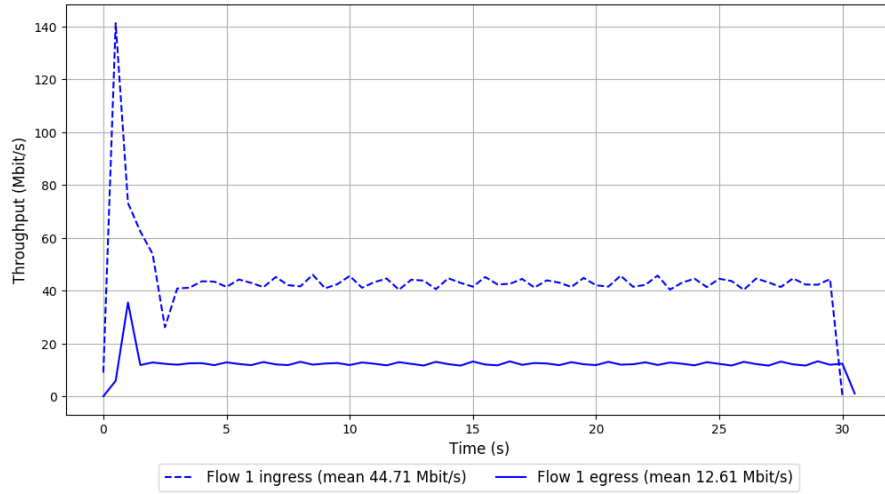
-- Flow 1:

Average throughput: 12.61 Mbit/s

95th percentile per-packet one-way delay: 27.445 ms

Loss rate: 71.79%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

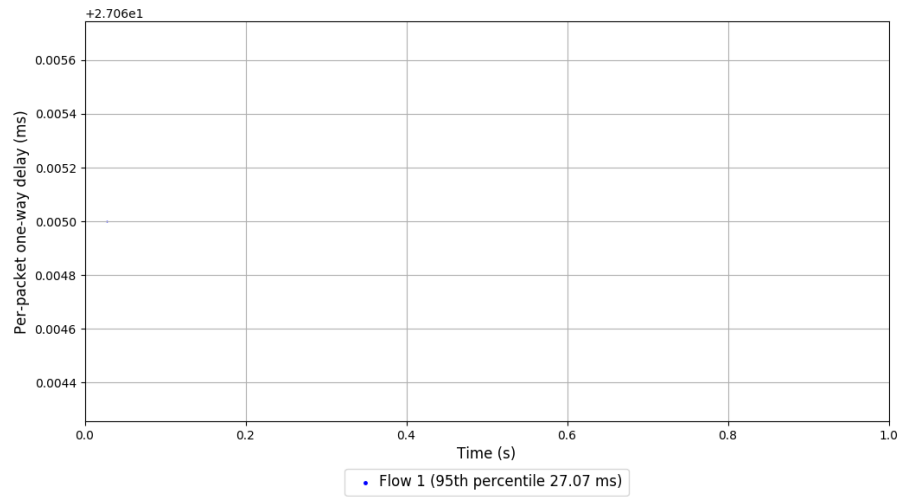
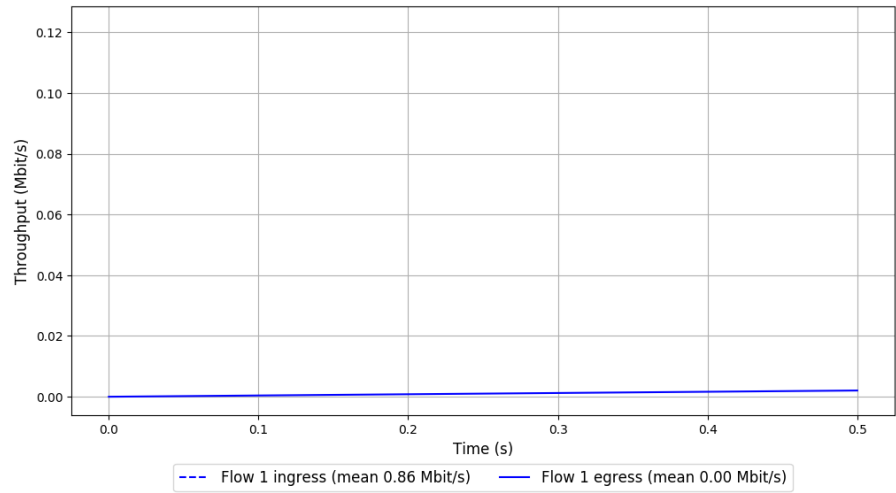
Start at: 2019-05-29 20:03:26

End at: 2019-05-29 20:03:56

Local clock offset: 1.147 ms

Remote clock offset: -2.826 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

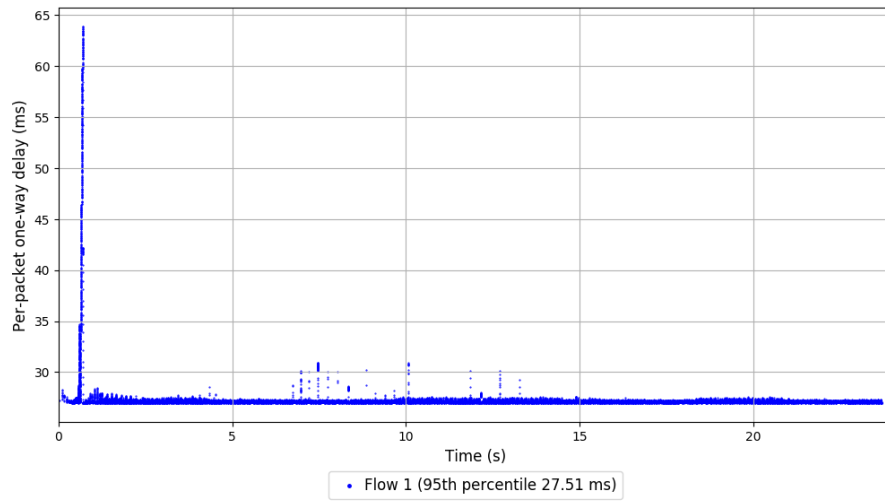
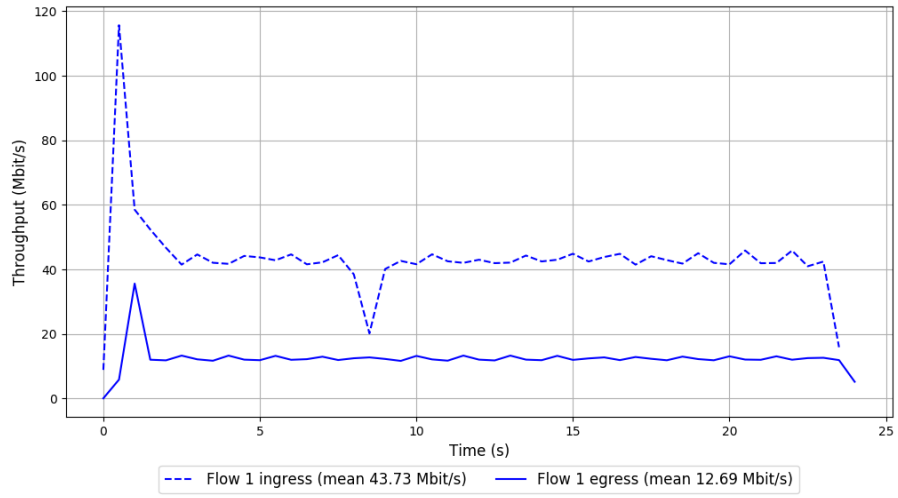
Start at: 2019-05-29 20:28:27

End at: 2019-05-29 20:28:57

Local clock offset: 0.788 ms

Remote clock offset: -2.636 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

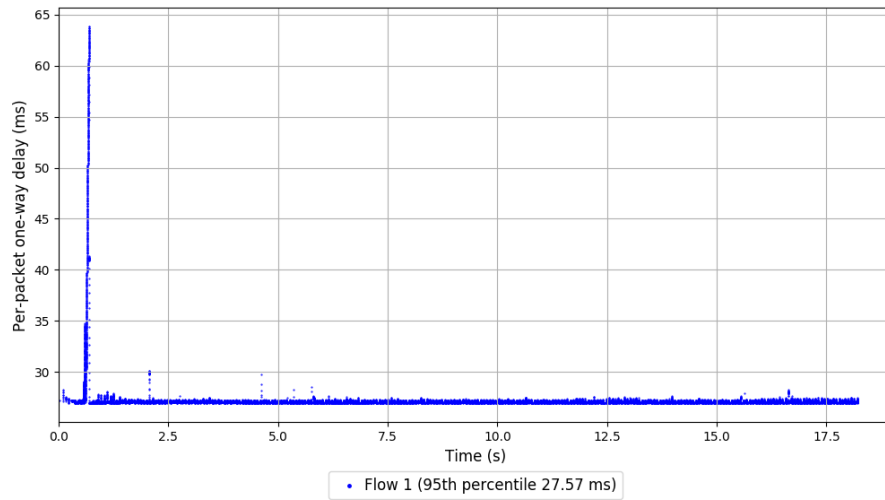
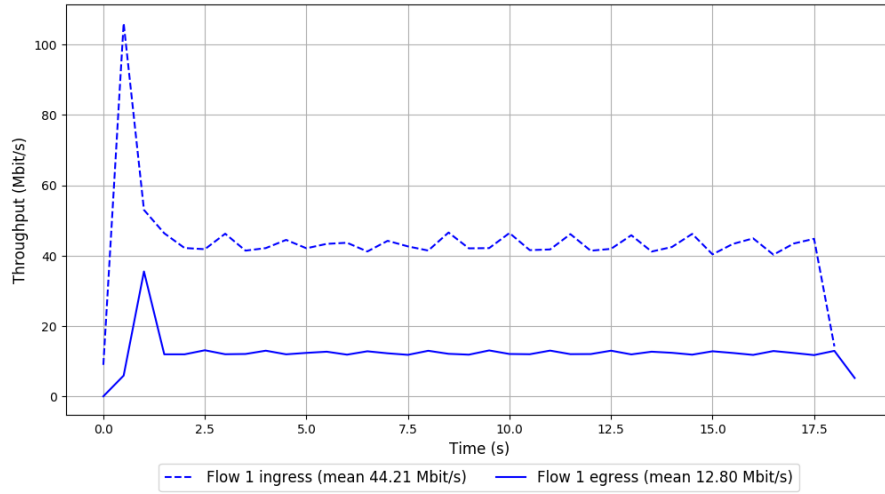
Start at: 2019-05-29 20:54:03

End at: 2019-05-29 20:54:33

Local clock offset: 0.498 ms

Remote clock offset: -2.365 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

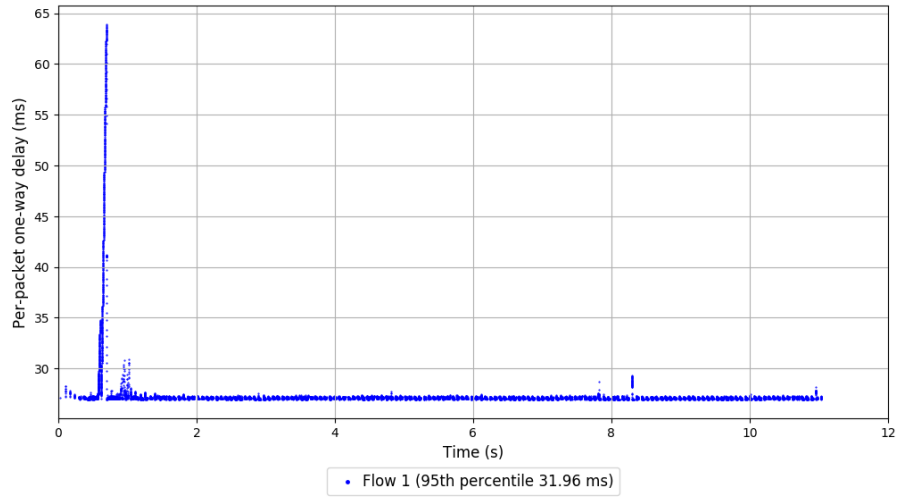
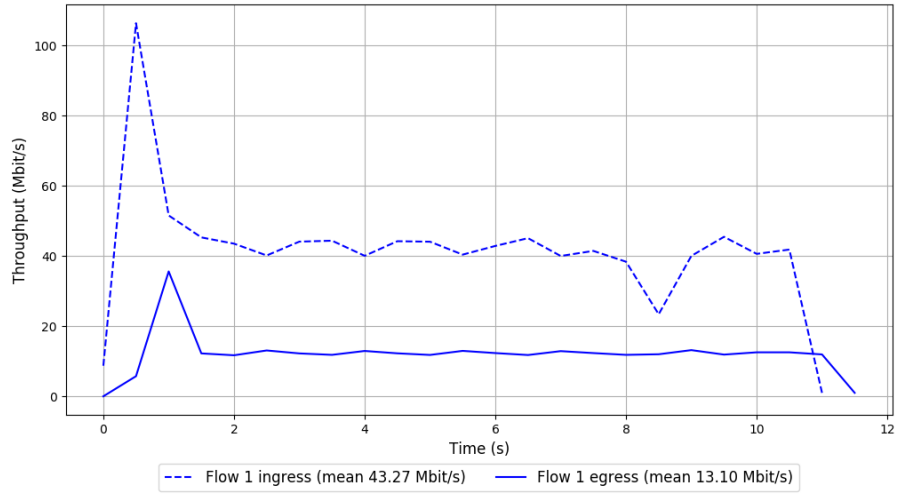
Start at: 2019-05-29 21:19:24

End at: 2019-05-29 21:19:54

Local clock offset: 0.333 ms

Remote clock offset: -2.412 ms

Run 5: Report of Copa — Data Link

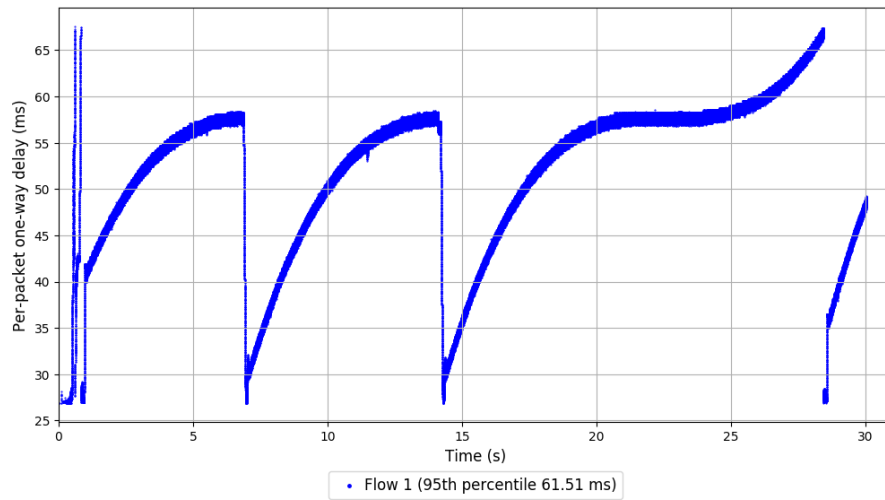
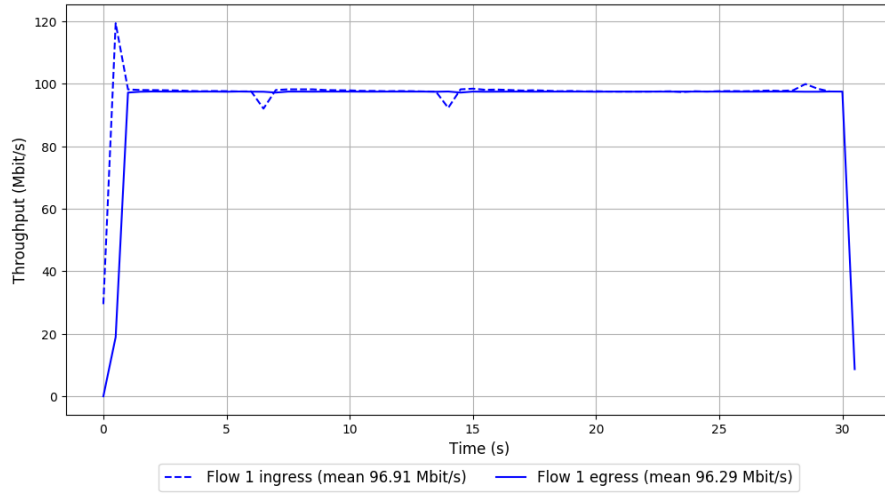


Run 1: Statistics of TCP Cubic

Start at: 2019-05-29 19:39:17
End at: 2019-05-29 19:39:47
Local clock offset: 1.58 ms
Remote clock offset: -3.153 ms

Below is generated by plot.py at 2019-05-29 21:37:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 61.508 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 61.508 ms
Loss rate: 0.56%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-05-29 20:04:32

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

Local clock offset: 1.228 ms

Remote clock offset: -2.789 ms

Below is generated by plot.py at 2019-05-29 21:37:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.76 Mbit/s

95th percentile per-packet one-way delay: 59.685 ms

Loss rate: 0.41%

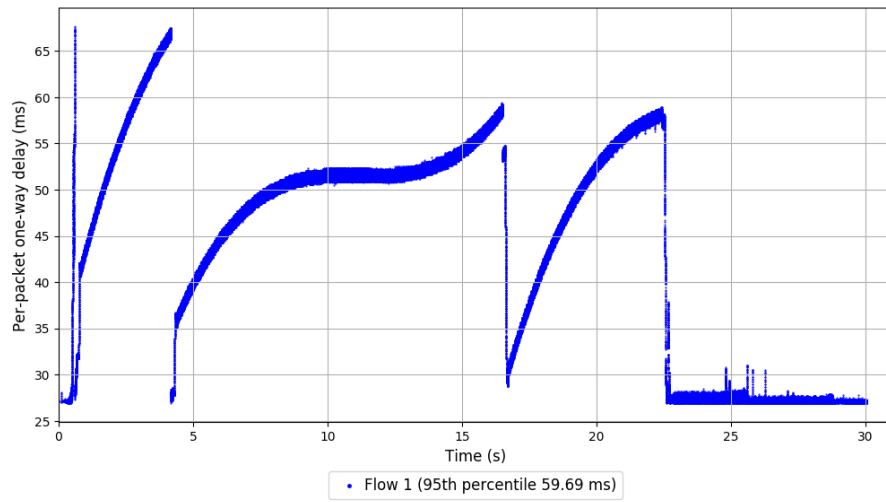
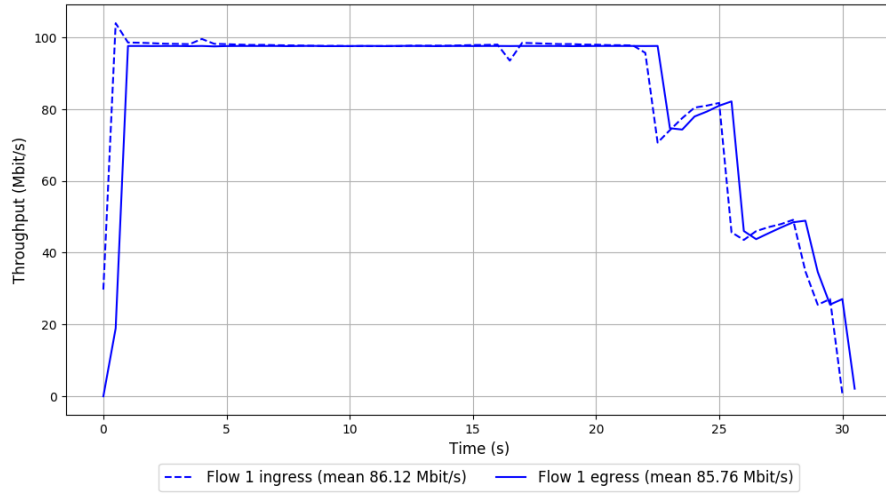
-- Flow 1:

Average throughput: 85.76 Mbit/s

95th percentile per-packet one-way delay: 59.685 ms

Loss rate: 0.41%

Run 2: Report of TCP Cubic — Data Link

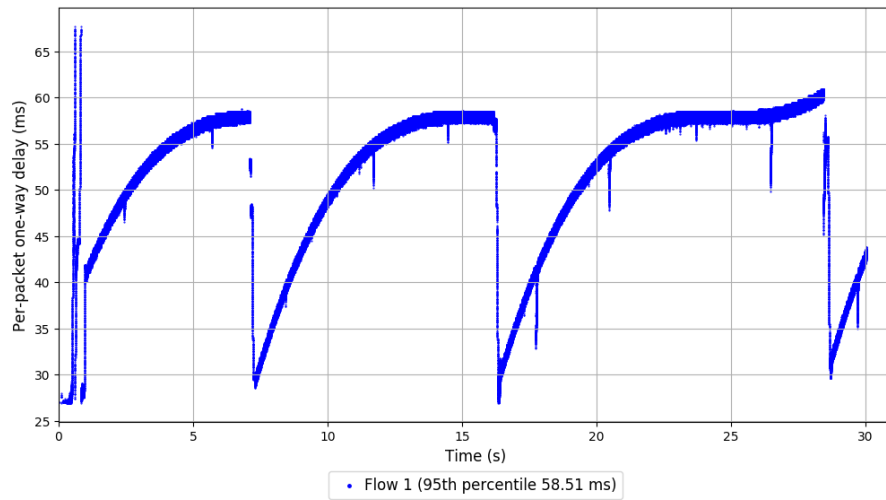
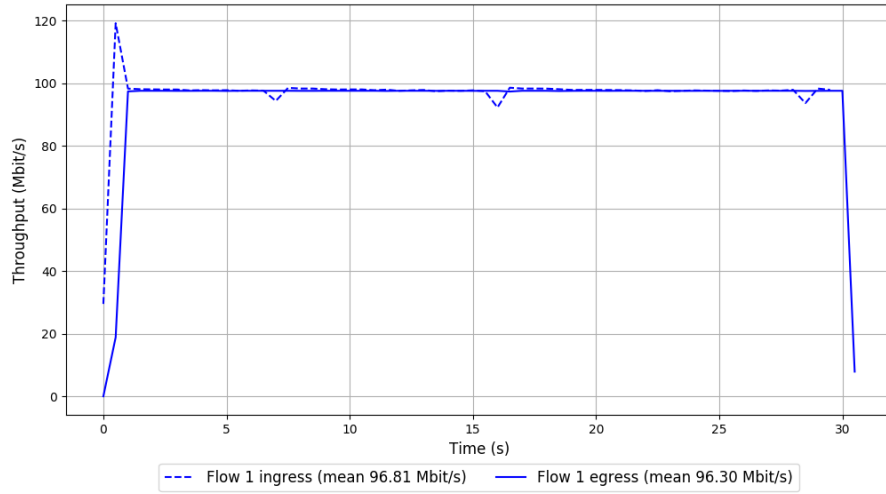


Run 3: Statistics of TCP Cubic

Start at: 2019-05-29 20:29:35
End at: 2019-05-29 20:30:05
Local clock offset: 0.794 ms
Remote clock offset: -2.663 ms

Below is generated by plot.py at 2019-05-29 21:37:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 58.509 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 58.509 ms
Loss rate: 0.48%

Run 3: Report of TCP Cubic — Data Link

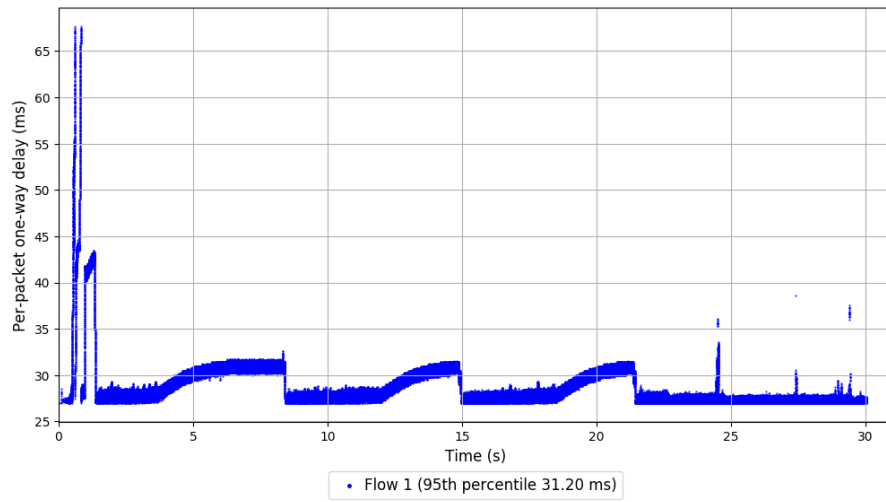
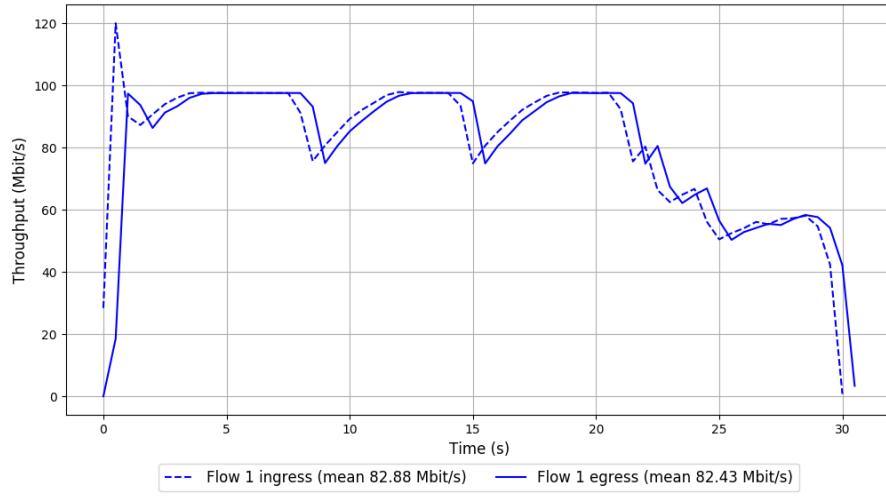


Run 4: Statistics of TCP Cubic

Start at: 2019-05-29 20:55:10
End at: 2019-05-29 20:55:40
Local clock offset: 0.462 ms
Remote clock offset: -2.377 ms

Below is generated by plot.py at 2019-05-29 21:37:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.43 Mbit/s
95th percentile per-packet one-way delay: 31.205 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 82.43 Mbit/s
95th percentile per-packet one-way delay: 31.205 ms
Loss rate: 0.53%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-05-29 21:20:31

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

Local clock offset: 0.32 ms

Remote clock offset: -2.396 ms

Below is generated by plot.py at 2019-05-29 21:37:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.47 Mbit/s

95th percentile per-packet one-way delay: 30.248 ms

Loss rate: 0.74%

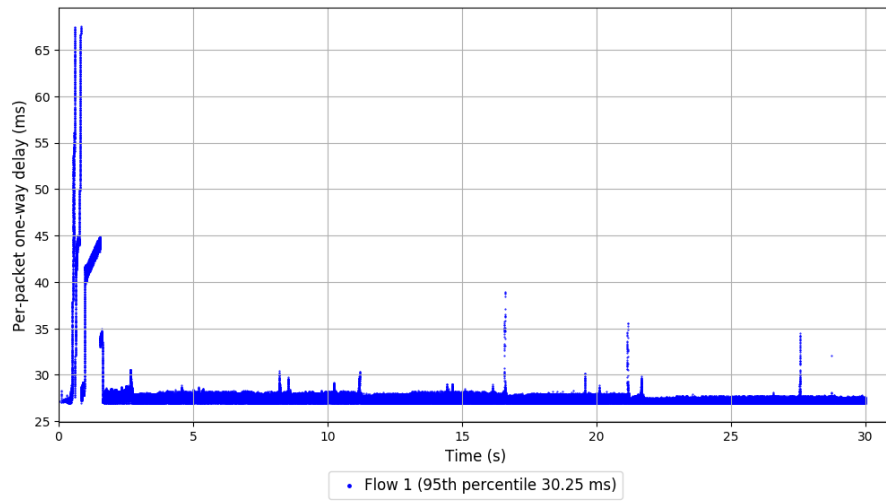
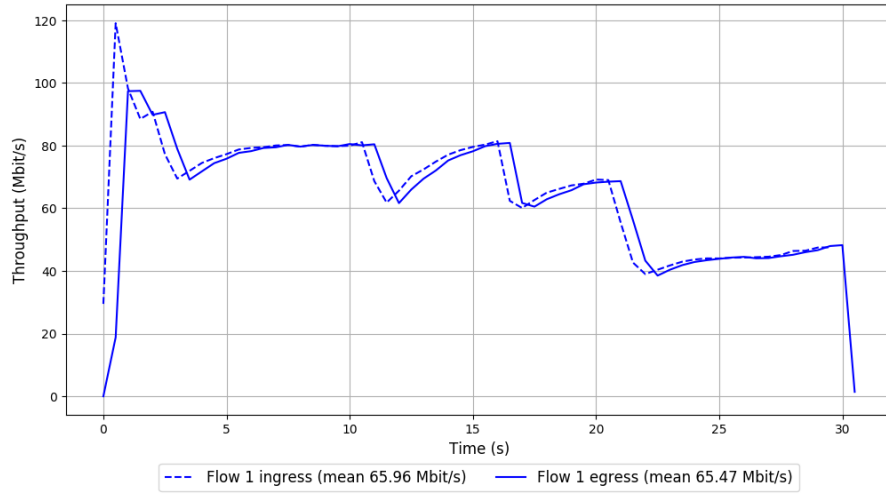
-- Flow 1:

Average throughput: 65.47 Mbit/s

95th percentile per-packet one-way delay: 30.248 ms

Loss rate: 0.74%

Run 5: Report of TCP Cubic — Data Link

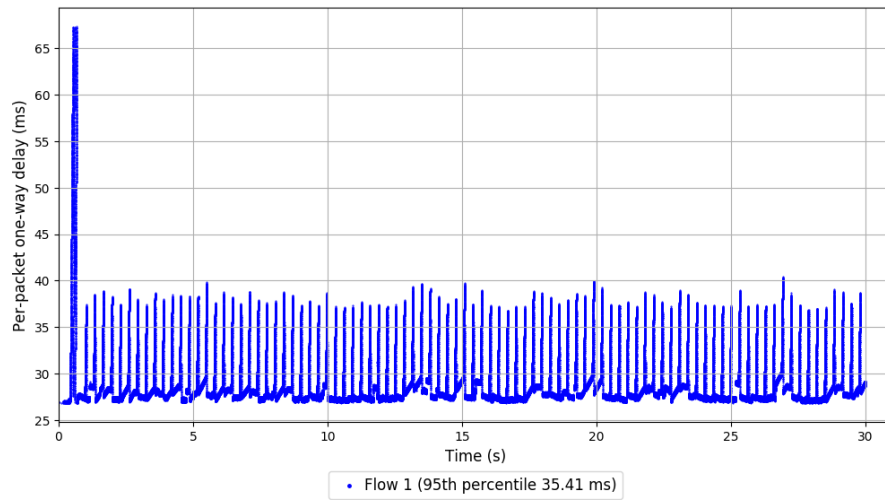
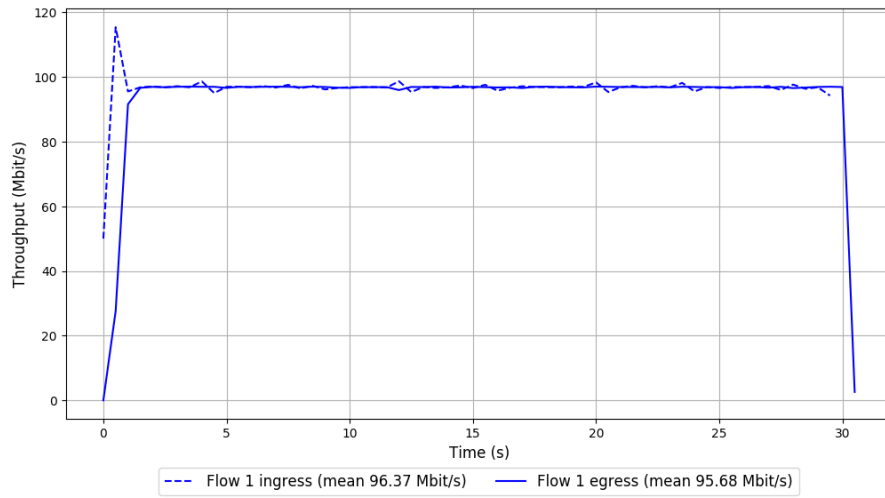


Run 1: Statistics of FillP

Start at: 2019-05-29 19:36:59
End at: 2019-05-29 19:37:29
Local clock offset: 1.723 ms
Remote clock offset: -3.207 ms

Below is generated by plot.py at 2019-05-29 21:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 35.412 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 35.412 ms
Loss rate: 0.71%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-05-29 20:02:14

End at: 2019-05-29 20:02:44

Local clock offset: 1.121 ms

Remote clock offset: -2.792 ms

Below is generated by plot.py at 2019-05-29 21:38:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.58 Mbit/s

95th percentile per-packet one-way delay: 35.624 ms

Loss rate: 0.65%

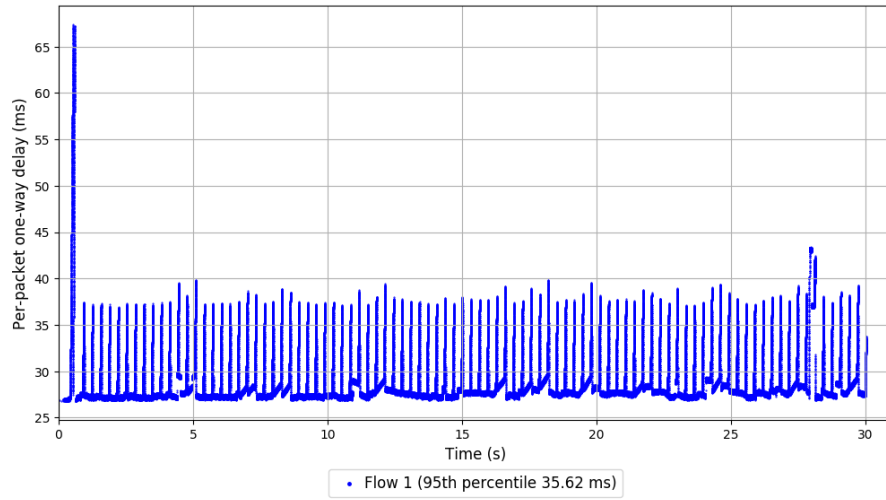
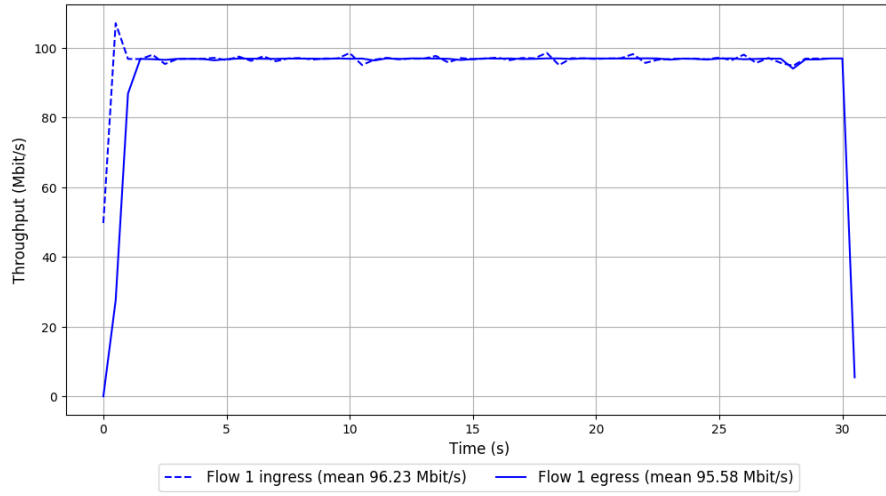
-- Flow 1:

Average throughput: 95.58 Mbit/s

95th percentile per-packet one-way delay: 35.624 ms

Loss rate: 0.65%

Run 2: Report of FillP — Data Link

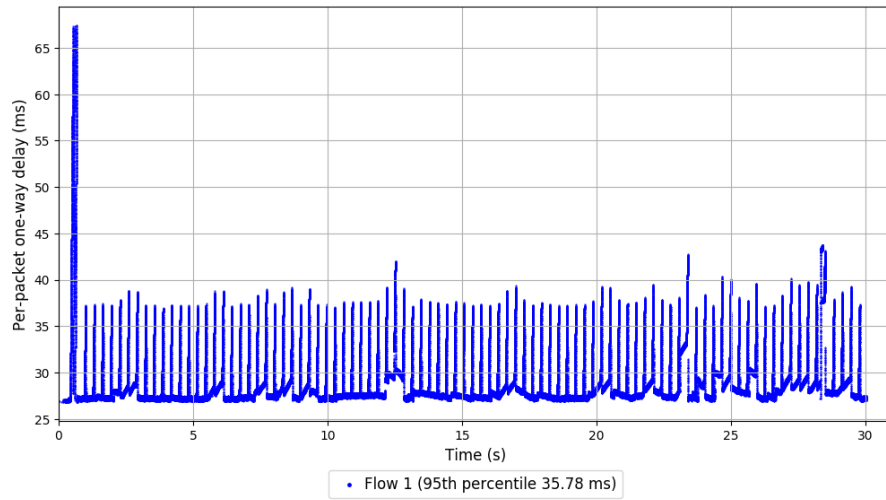
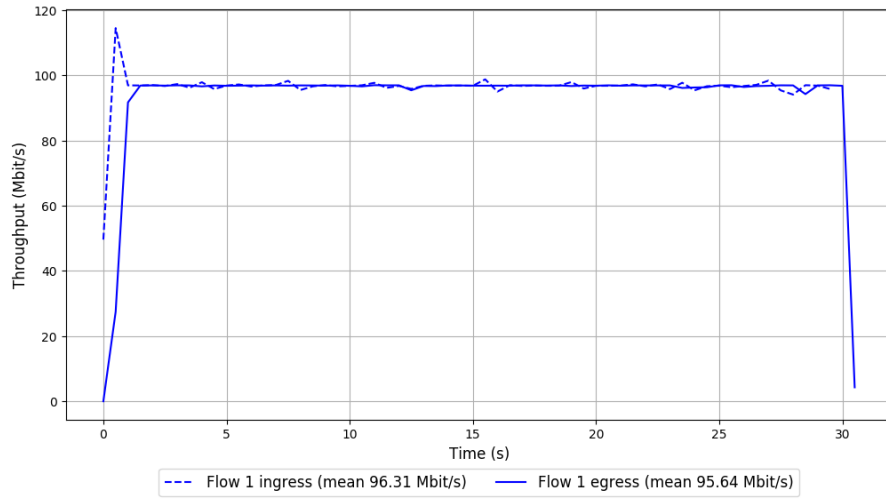


Run 3: Statistics of FillP

Start at: 2019-05-29 20:27:11
End at: 2019-05-29 20:27:41
Local clock offset: 0.752 ms
Remote clock offset: -2.653 ms

Below is generated by plot.py at 2019-05-29 21:38:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 35.776 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 35.776 ms
Loss rate: 0.70%

Run 3: Report of FillP — Data Link

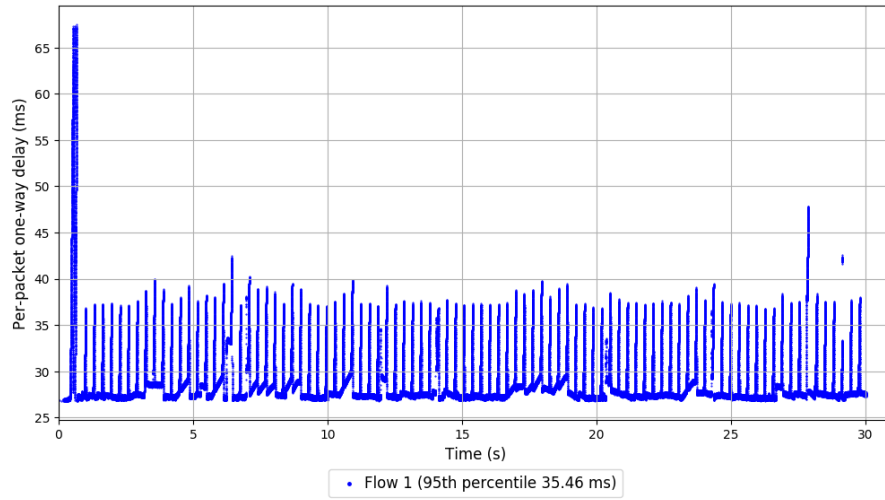
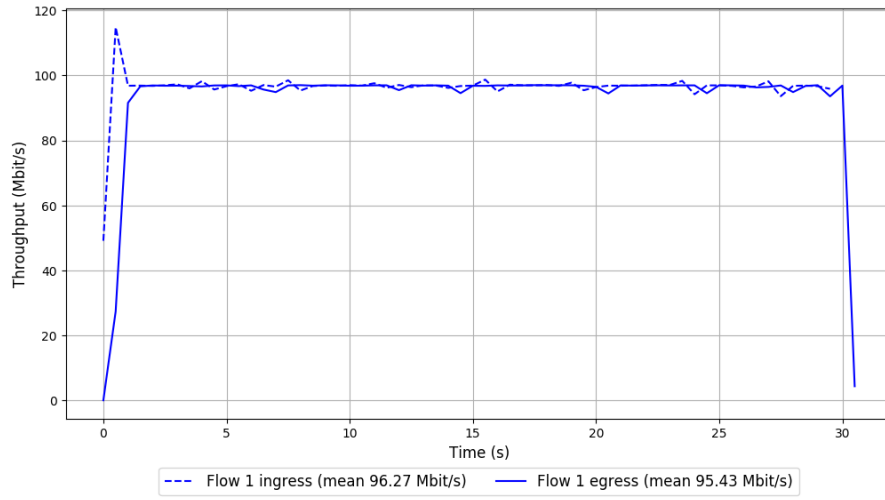


Run 4: Statistics of FillP

Start at: 2019-05-29 20:52:50
End at: 2019-05-29 20:53:20
Local clock offset: 0.494 ms
Remote clock offset: -2.395 ms

Below is generated by plot.py at 2019-05-29 21:38:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 35.461 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 35.461 ms
Loss rate: 0.87%

Run 4: Report of FillP — Data Link

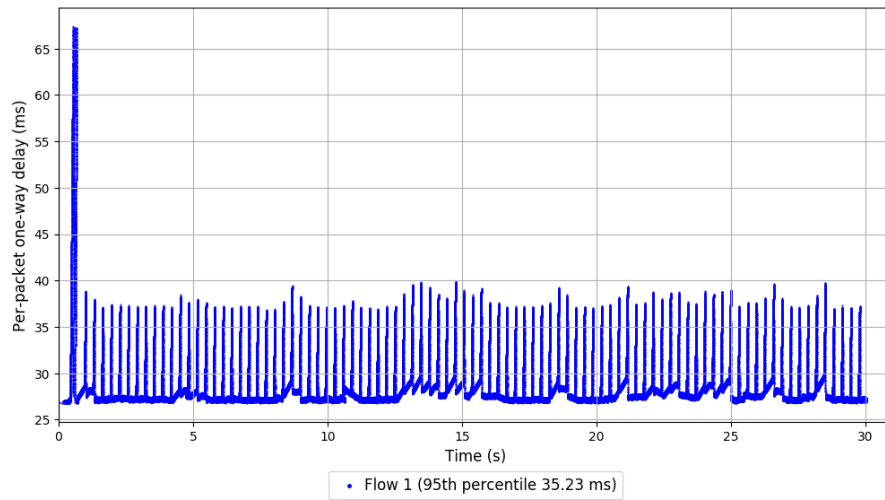
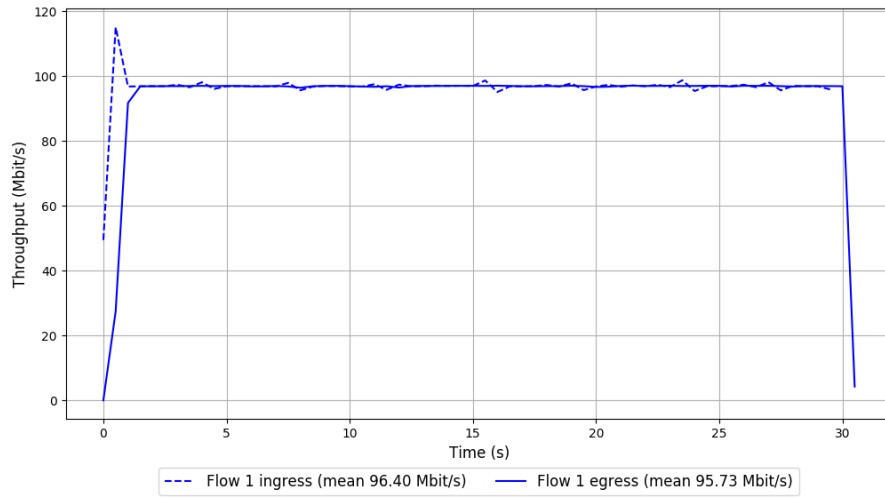


Run 5: Statistics of FillP

Start at: 2019-05-29 21:18:11
End at: 2019-05-29 21:18:41
Local clock offset: 0.324 ms
Remote clock offset: -2.447 ms

Below is generated by plot.py at 2019-05-29 21:38:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 35.232 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 35.232 ms
Loss rate: 0.70%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-05-29 19:50:19

End at: 2019-05-29 19:50:49

Local clock offset: 1.007 ms

Remote clock offset: -2.987 ms

Below is generated by plot.py at 2019-05-29 21:38:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.64 Mbit/s

95th percentile per-packet one-way delay: 32.770 ms

Loss rate: 0.01%

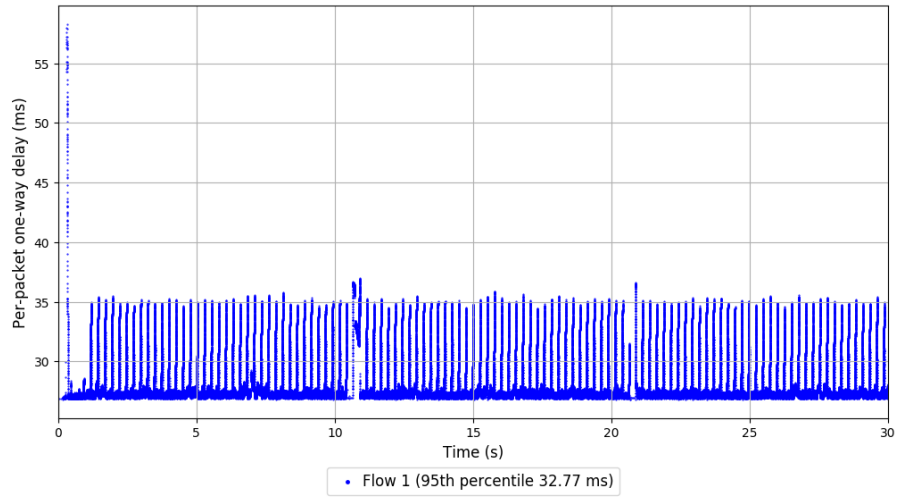
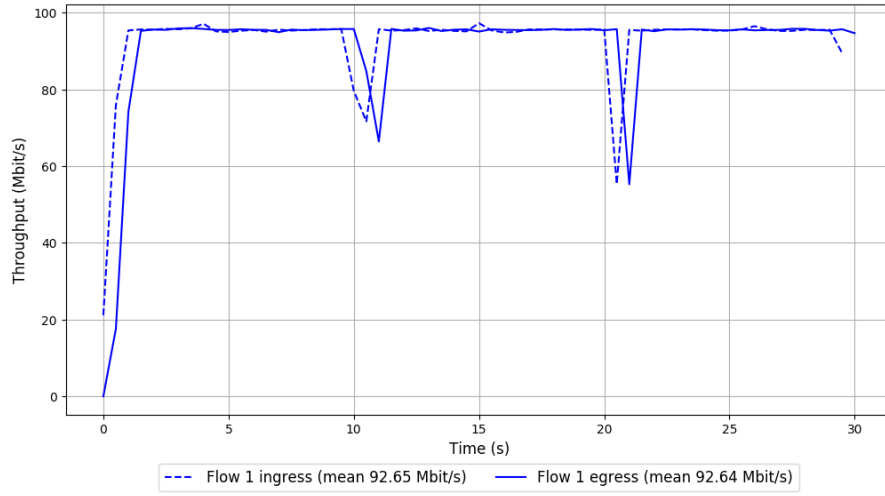
-- Flow 1:

Average throughput: 92.64 Mbit/s

95th percentile per-packet one-way delay: 32.770 ms

Loss rate: 0.01%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-05-29 20:15:13

End at: 2019-05-29 20:15:43

Local clock offset: 0.758 ms

Remote clock offset: -2.633 ms

Below is generated by plot.py at 2019-05-29 21:39:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.00 Mbit/s

95th percentile per-packet one-way delay: 33.396 ms

Loss rate: 0.59%

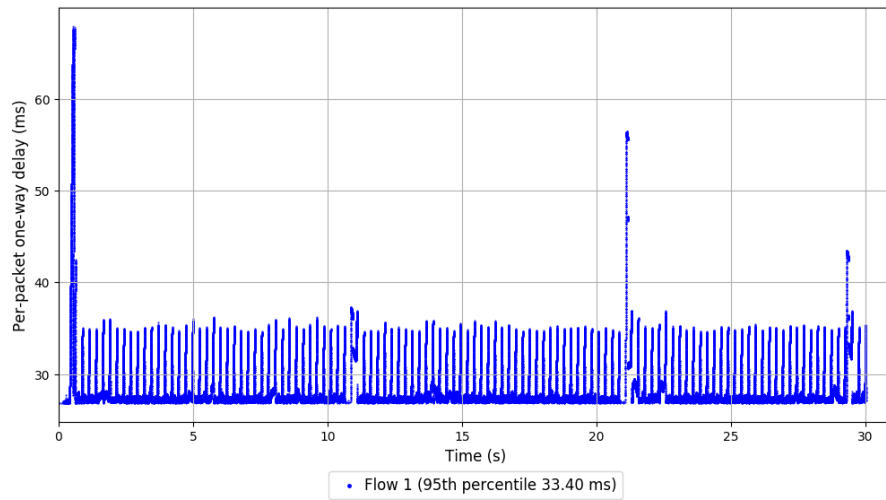
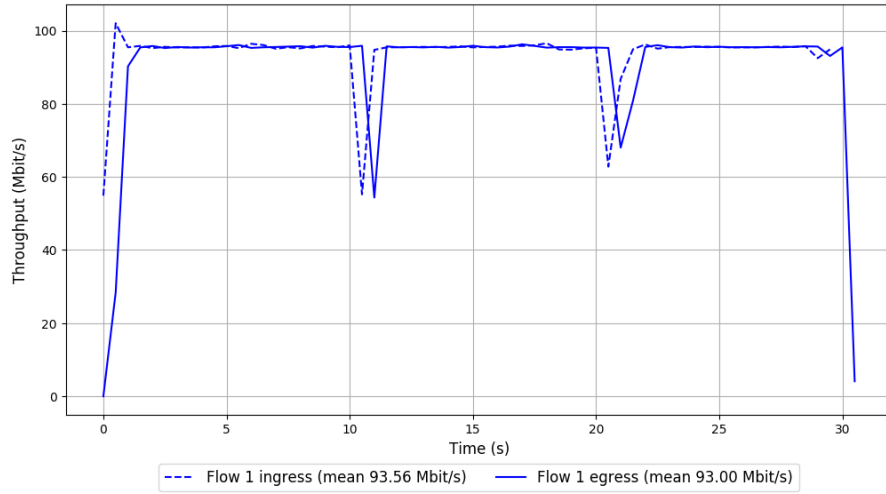
-- Flow 1:

Average throughput: 93.00 Mbit/s

95th percentile per-packet one-way delay: 33.396 ms

Loss rate: 0.59%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

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

End at: 2019-05-29 20:40:59

Local clock offset: 0.784 ms

Remote clock offset: -2.377 ms

Below is generated by plot.py at 2019-05-29 21:39:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.63 Mbit/s

95th percentile per-packet one-way delay: 33.647 ms

Loss rate: 0.62%

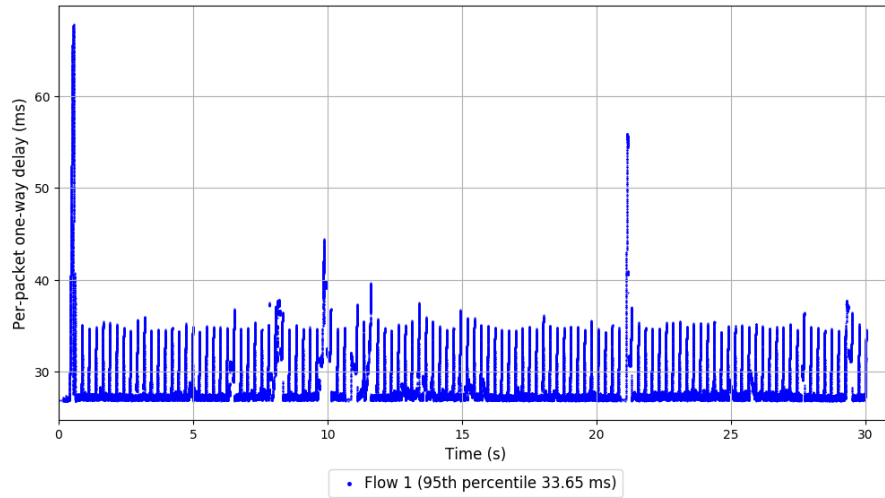
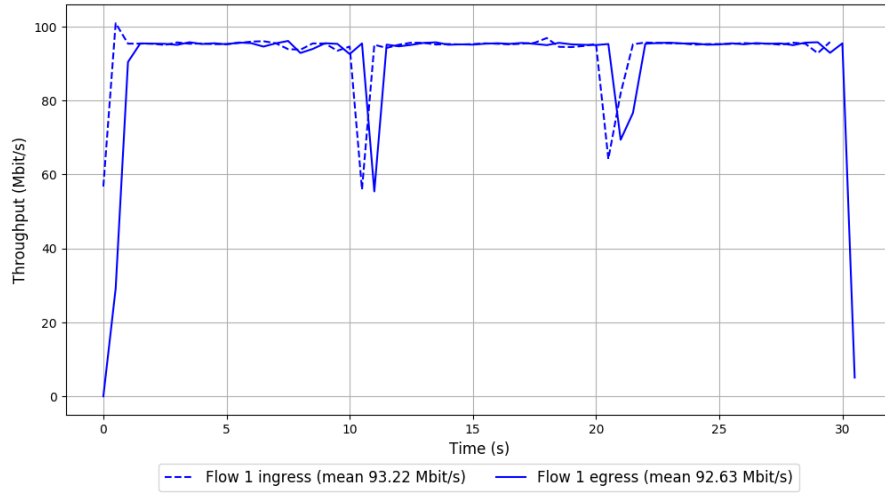
-- Flow 1:

Average throughput: 92.63 Mbit/s

95th percentile per-packet one-way delay: 33.647 ms

Loss rate: 0.62%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-05-29 21:05:57

End at: 2019-05-29 21:06:27

Local clock offset: 0.607 ms

Remote clock offset: -2.338 ms

Below is generated by plot.py at 2019-05-29 21:39:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.71 Mbit/s

95th percentile per-packet one-way delay: 33.410 ms

Loss rate: 0.55%

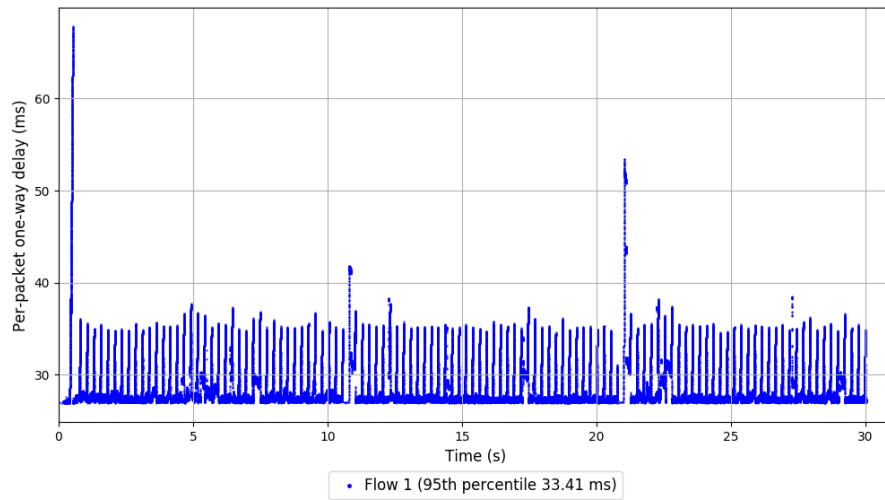
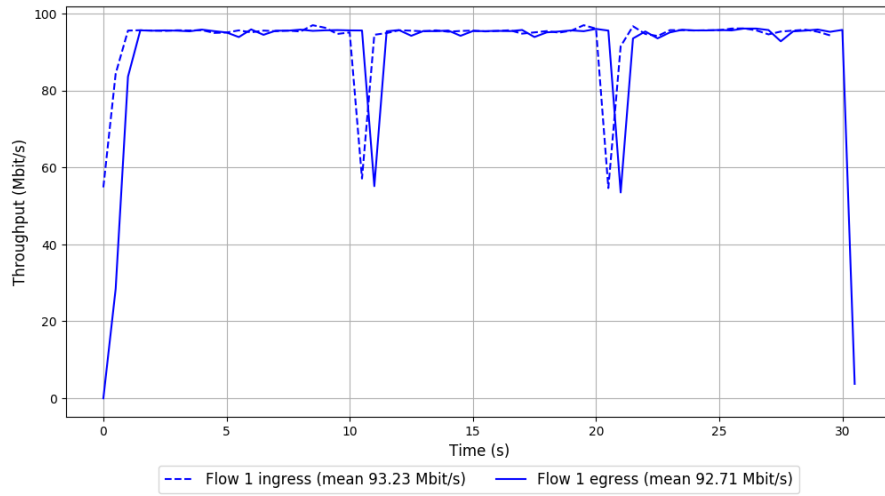
-- Flow 1:

Average throughput: 92.71 Mbit/s

95th percentile per-packet one-way delay: 33.410 ms

Loss rate: 0.55%

Run 4: Report of FillP-Sheep — Data Link

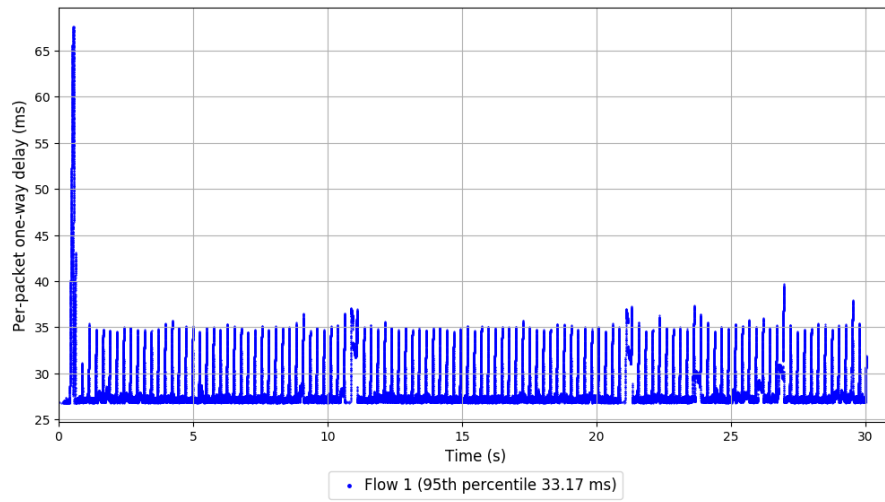
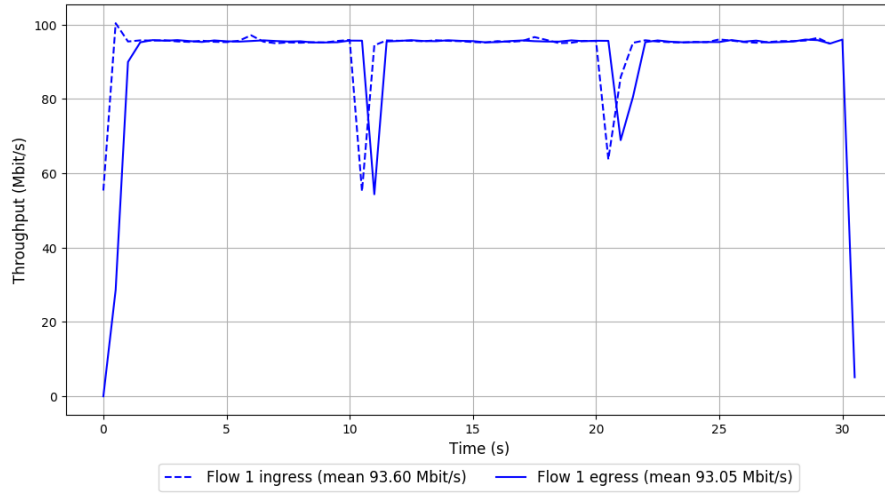


Run 5: Statistics of FillP-Sheep

Start at: 2019-05-29 21:31:19
End at: 2019-05-29 21:31:49
Local clock offset: 0.32 ms
Remote clock offset: -2.655 ms

Below is generated by plot.py at 2019-05-29 21:39:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 33.175 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 33.175 ms
Loss rate: 0.57%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-05-29 19:42:58

End at: 2019-05-29 19:43:28

Local clock offset: 1.217 ms

Remote clock offset: -3.18 ms

Below is generated by plot.py at 2019-05-29 21:39:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.68 Mbit/s

95th percentile per-packet one-way delay: 30.673 ms

Loss rate: 0.03%

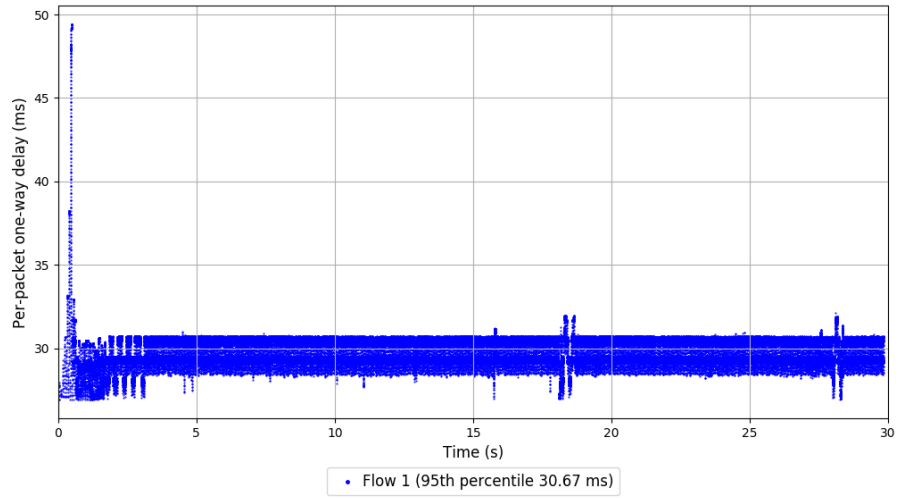
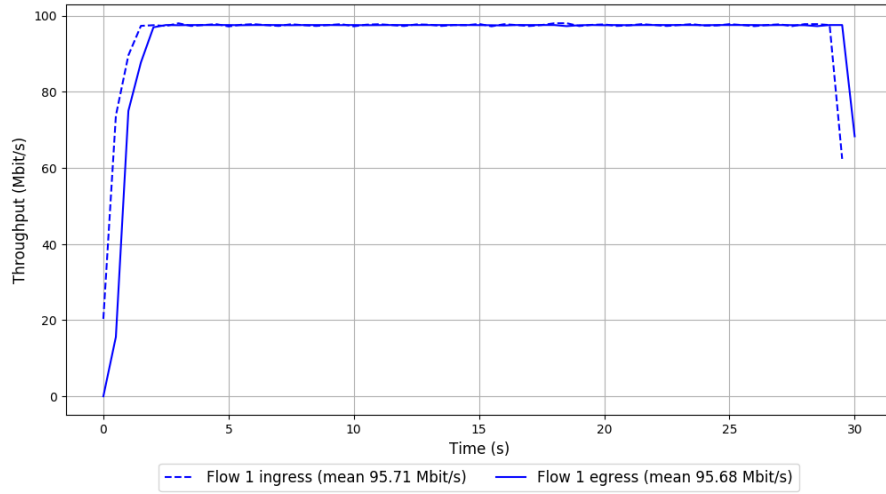
-- Flow 1:

Average throughput: 95.68 Mbit/s

95th percentile per-packet one-way delay: 30.673 ms

Loss rate: 0.03%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

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

End at: 2019-05-29 20:08:35

Local clock offset: 1.205 ms

Remote clock offset: -2.75 ms

Below is generated by plot.py at 2019-05-29 21:39:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.89 Mbit/s

95th percentile per-packet one-way delay: 31.711 ms

Loss rate: 0.00%

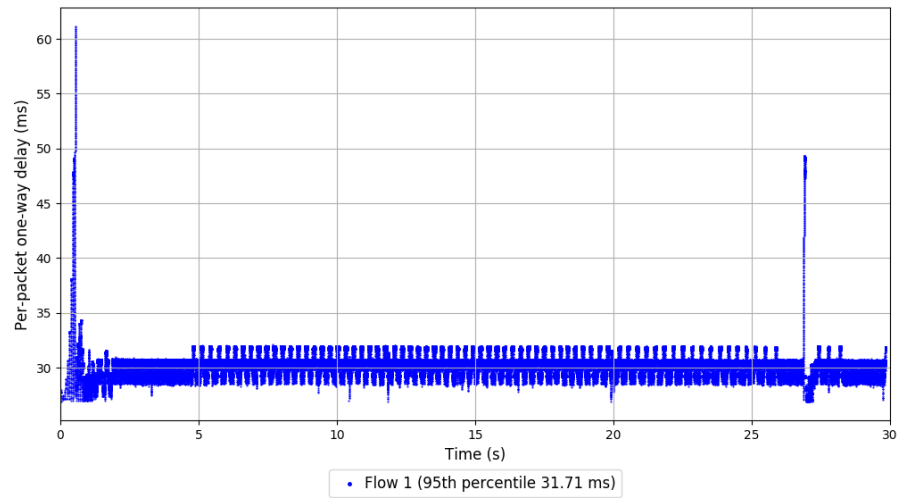
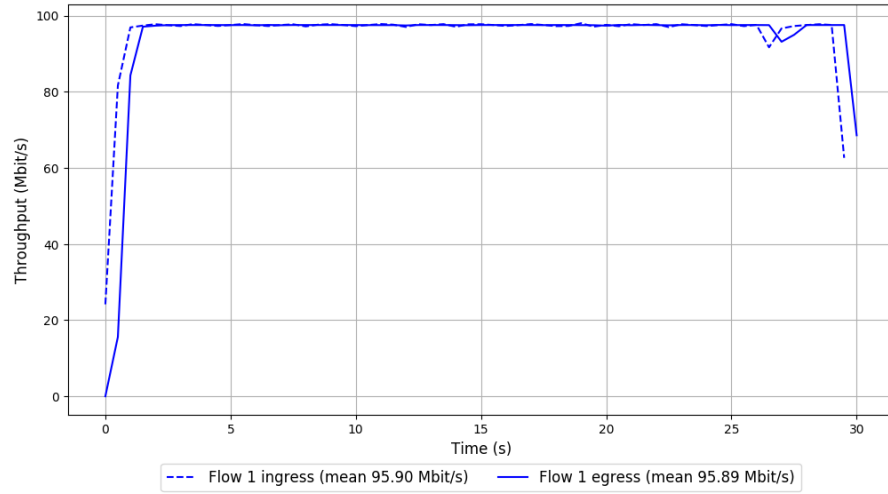
-- Flow 1:

Average throughput: 95.89 Mbit/s

95th percentile per-packet one-way delay: 31.711 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-05-29 20:33:13

End at: 2019-05-29 20:33:43

Local clock offset: 0.865 ms

Remote clock offset: -2.571 ms

Below is generated by plot.py at 2019-05-29 21:40:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 30.665 ms

Loss rate: 0.04%

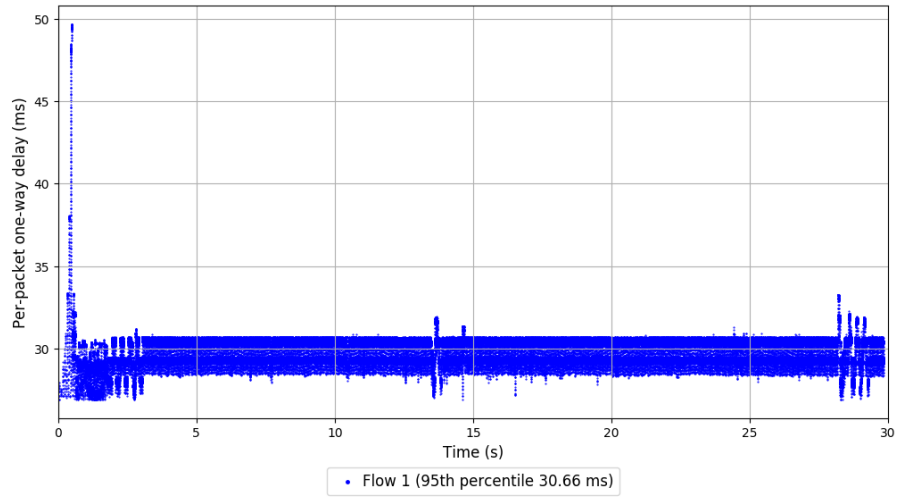
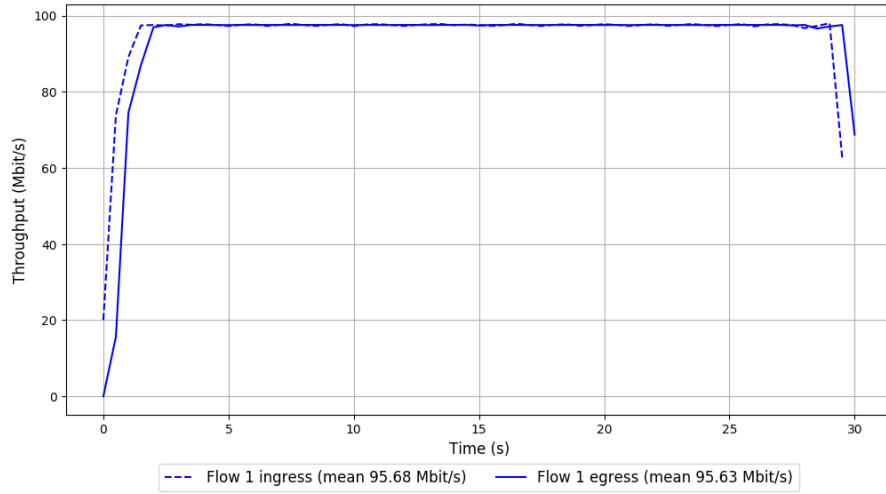
-- Flow 1:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 30.665 ms

Loss rate: 0.04%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-05-29 20:58:45

End at: 2019-05-29 20:59:15

Local clock offset: 0.527 ms

Remote clock offset: -2.36 ms

Below is generated by plot.py at 2019-05-29 21:40:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 31.731 ms

Loss rate: 0.01%

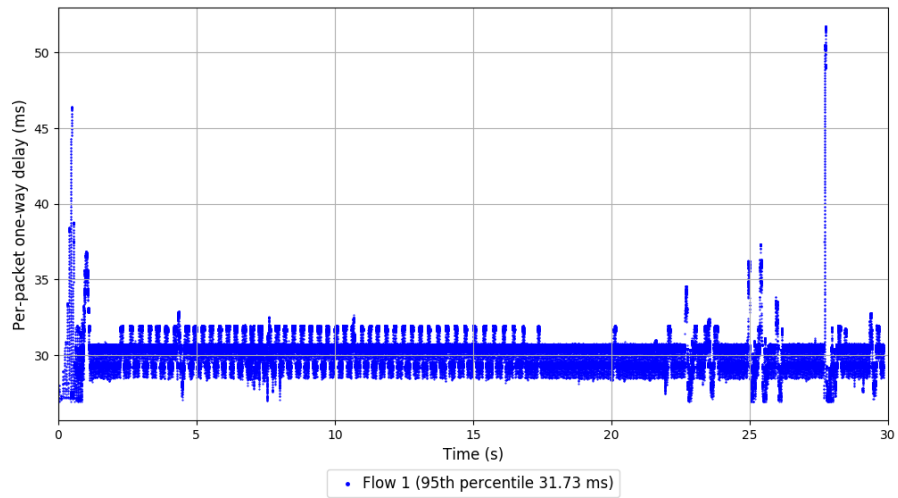
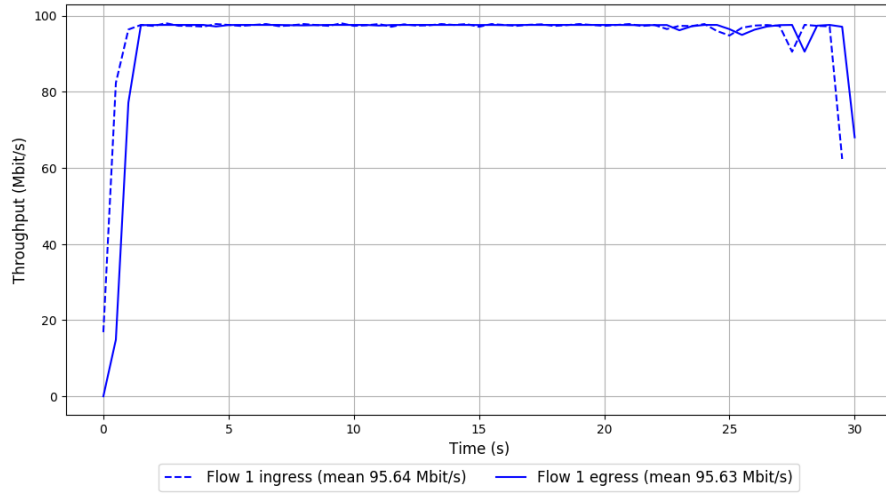
-- Flow 1:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 31.731 ms

Loss rate: 0.01%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-05-29 21:24:10

End at: 2019-05-29 21:24:40

Local clock offset: 0.306 ms

Remote clock offset: -2.481 ms

Below is generated by plot.py at 2019-05-29 21:40:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.82 Mbit/s

95th percentile per-packet one-way delay: 31.640 ms

Loss rate: 0.03%

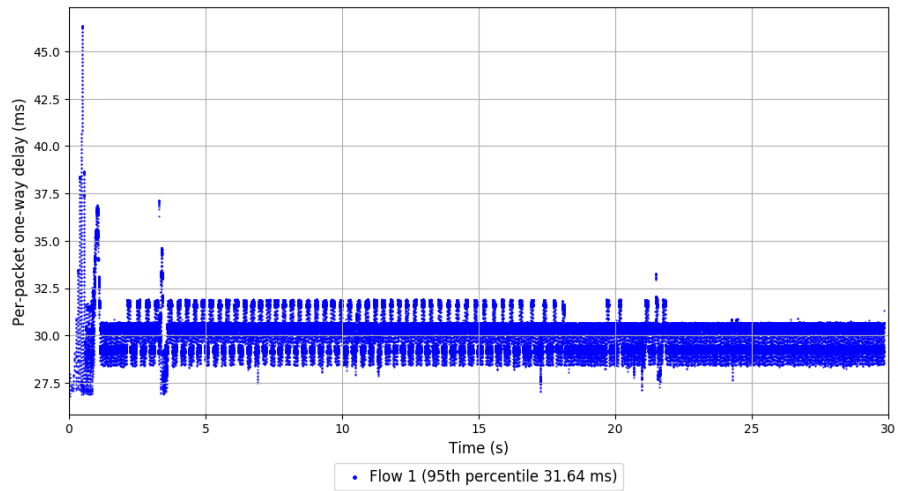
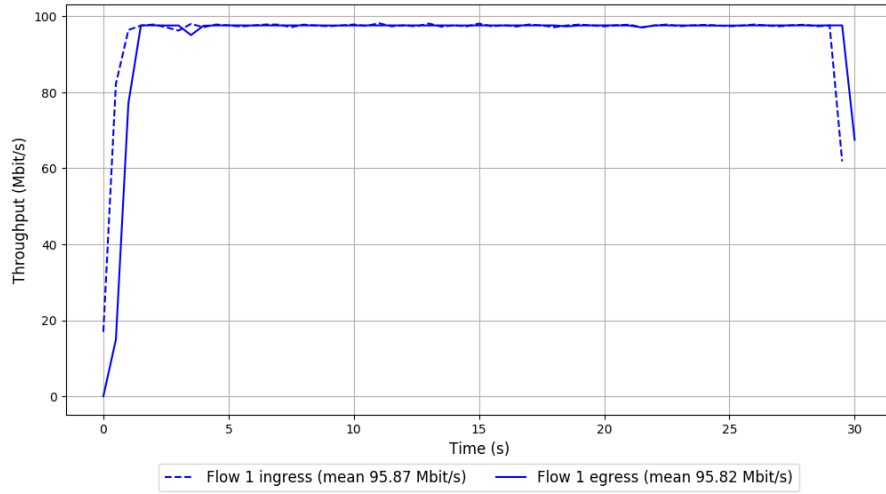
-- Flow 1:

Average throughput: 95.82 Mbit/s

95th percentile per-packet one-way delay: 31.640 ms

Loss rate: 0.03%

Run 5: Report of Indigo — Data Link

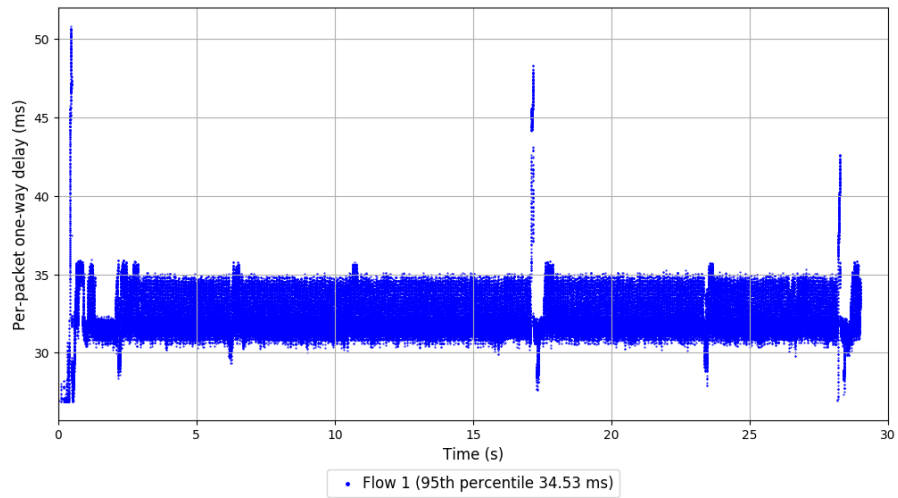
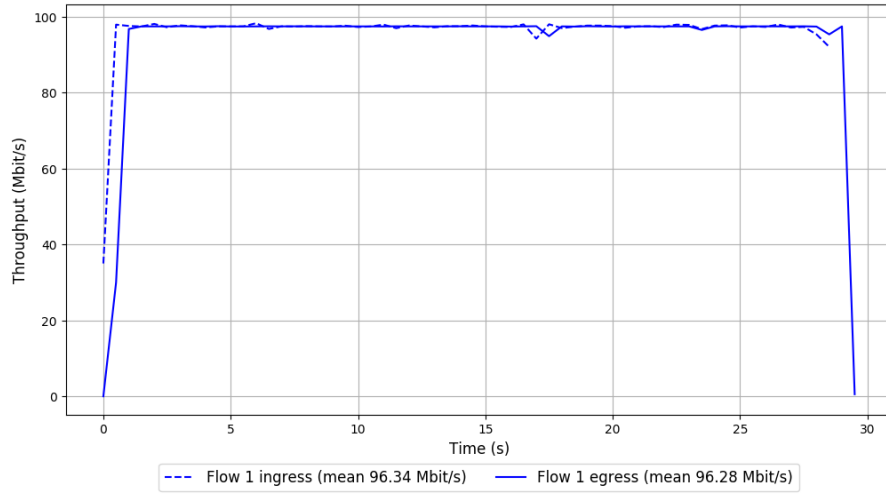


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-05-29 19:51:32
End at: 2019-05-29 19:52:02
Local clock offset: 0.992 ms
Remote clock offset: -3.031 ms

Below is generated by plot.py at 2019-05-29 21:40:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 34.533 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 34.533 ms
Loss rate: 0.04%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-05-29 20:16:25

End at: 2019-05-29 20:16:55

Local clock offset: 0.758 ms

Remote clock offset: -2.659 ms

Below is generated by plot.py at 2019-05-29 21:41:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.45 Mbit/s

95th percentile per-packet one-way delay: 34.496 ms

Loss rate: 0.02%

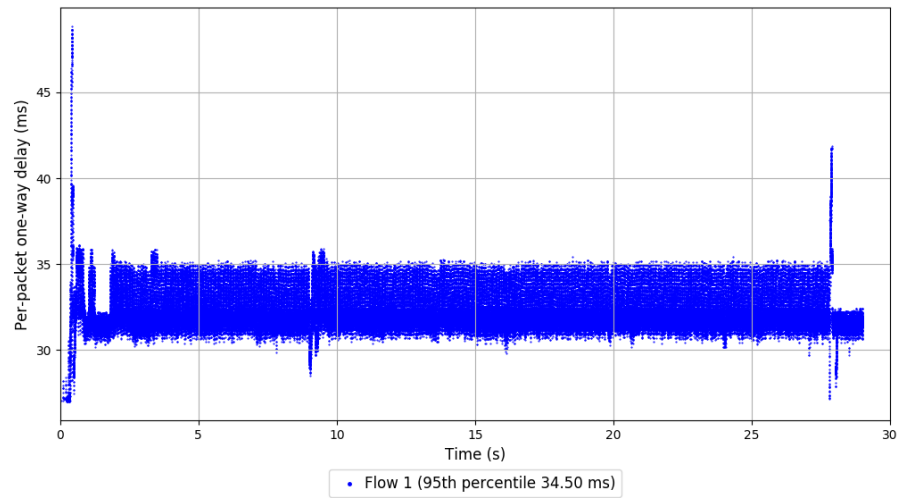
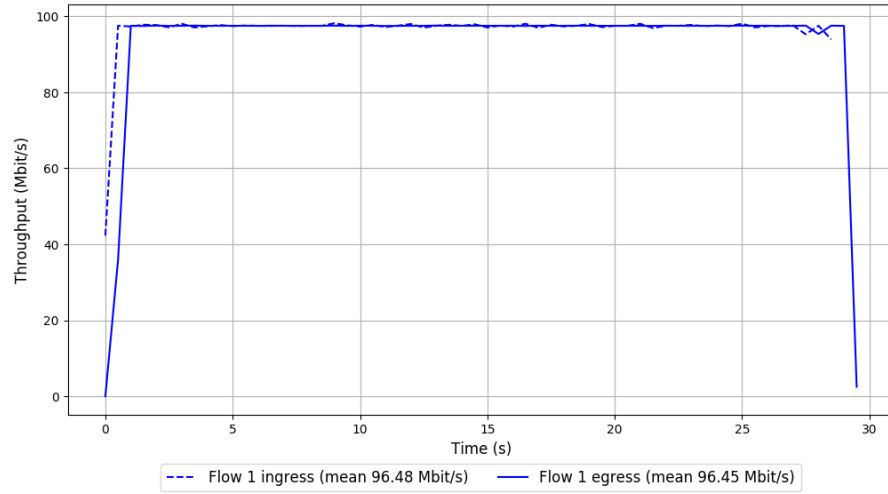
-- Flow 1:

Average throughput: 96.45 Mbit/s

95th percentile per-packet one-way delay: 34.496 ms

Loss rate: 0.02%

Run 2: Report of Indigo-MusesC3 — Data Link

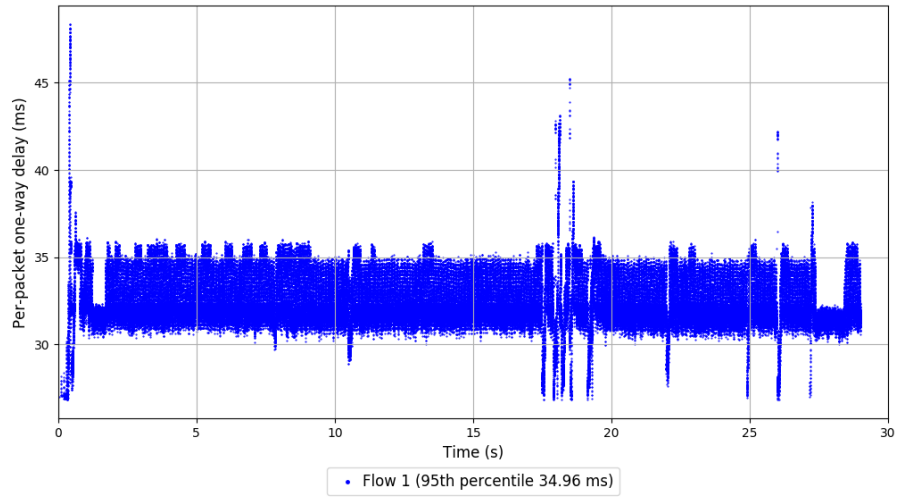
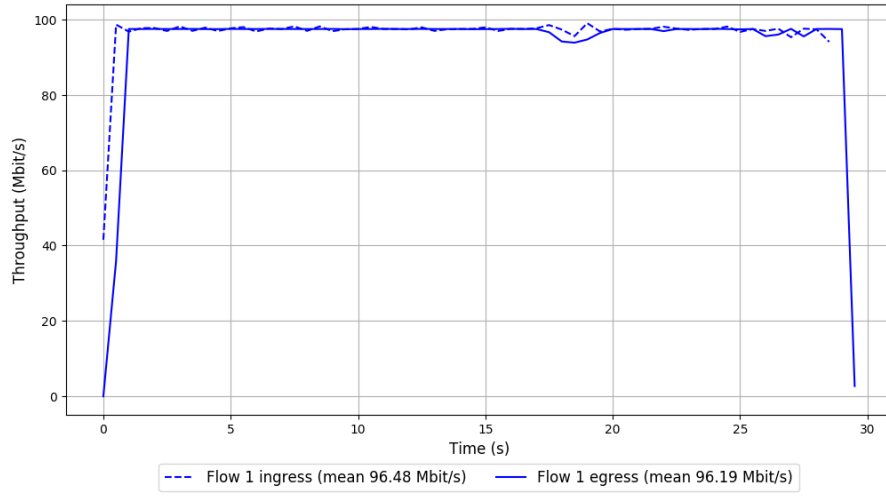


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-05-29 20:41:42
End at: 2019-05-29 20:42:12
Local clock offset: 0.683 ms
Remote clock offset: -2.505 ms

Below is generated by plot.py at 2019-05-29 21:41:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 34.956 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 34.956 ms
Loss rate: 0.29%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-05-29 21:07:09

End at: 2019-05-29 21:07:39

Local clock offset: 0.633 ms

Remote clock offset: -2.352 ms

Below is generated by plot.py at 2019-05-29 21:41:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 34.897 ms

Loss rate: 0.12%

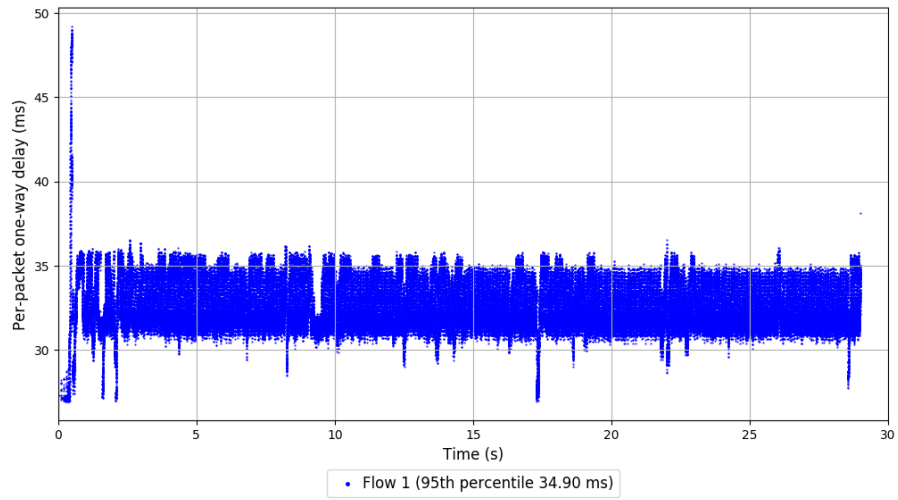
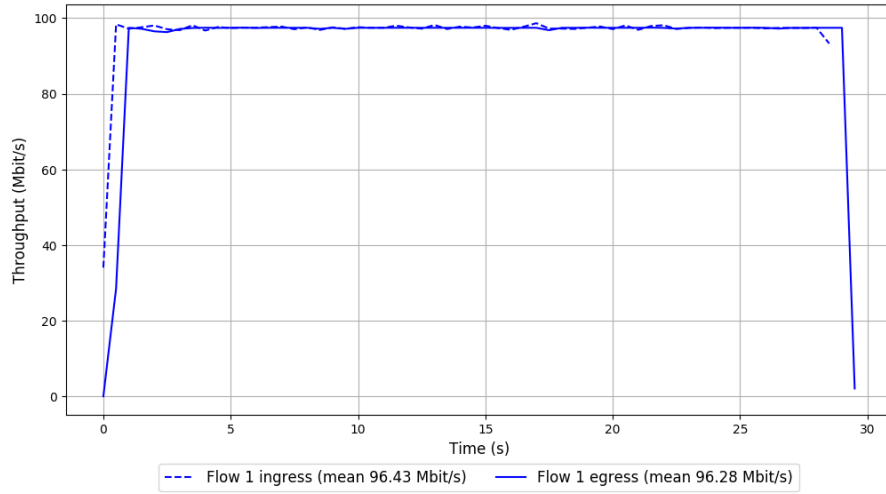
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 34.897 ms

Loss rate: 0.12%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-05-29 21:32:31

End at: 2019-05-29 21:33:01

Local clock offset: 0.335 ms

Remote clock offset: -2.63 ms

Below is generated by plot.py at 2019-05-29 21:41:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.29 Mbit/s

95th percentile per-packet one-way delay: 34.780 ms

Loss rate: 0.04%

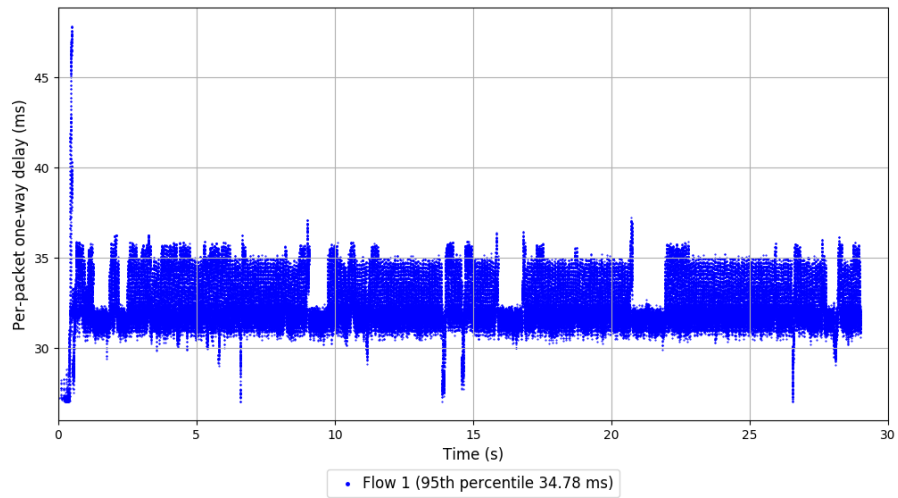
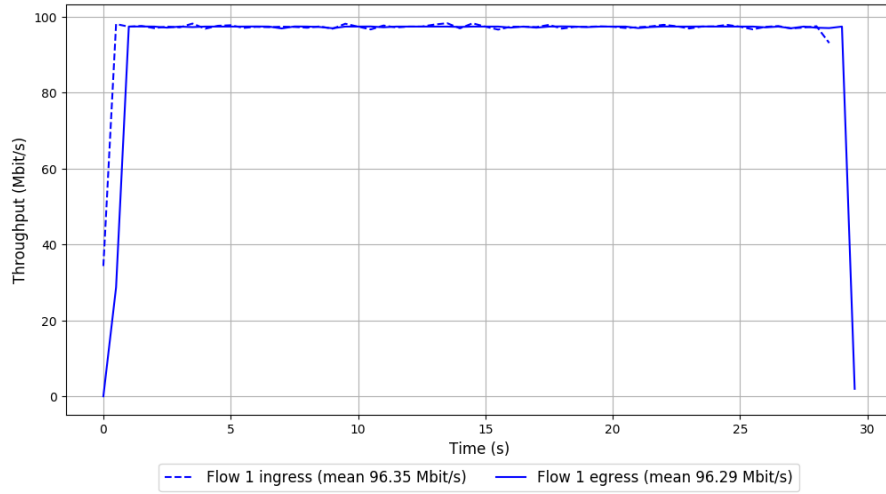
-- Flow 1:

Average throughput: 96.29 Mbit/s

95th percentile per-packet one-way delay: 34.780 ms

Loss rate: 0.04%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

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

End at: 2019-05-29 19:30:35

Local clock offset: 1.49 ms

Remote clock offset: -3.282 ms

Below is generated by plot.py at 2019-05-29 21:41:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.54 Mbit/s

95th percentile per-packet one-way delay: 32.287 ms

Loss rate: 0.15%

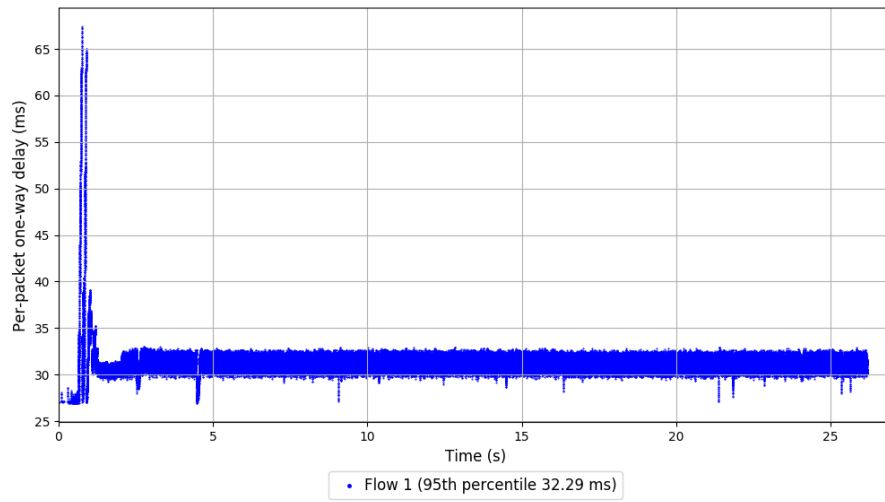
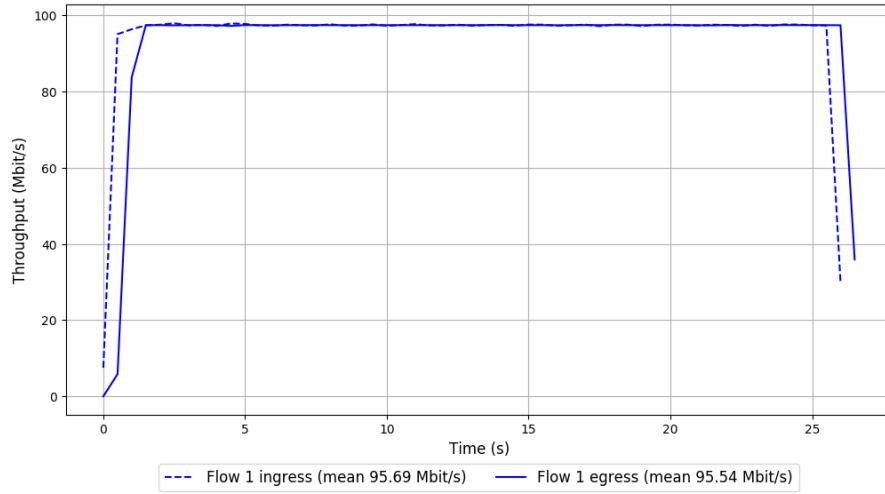
-- Flow 1:

Average throughput: 95.54 Mbit/s

95th percentile per-packet one-way delay: 32.287 ms

Loss rate: 0.15%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-05-29 19:55:06

End at: 2019-05-29 19:55:36

Local clock offset: 0.973 ms

Remote clock offset: -2.966 ms

Below is generated by plot.py at 2019-05-29 21:41:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.80 Mbit/s

95th percentile per-packet one-way delay: 32.326 ms

Loss rate: 0.16%

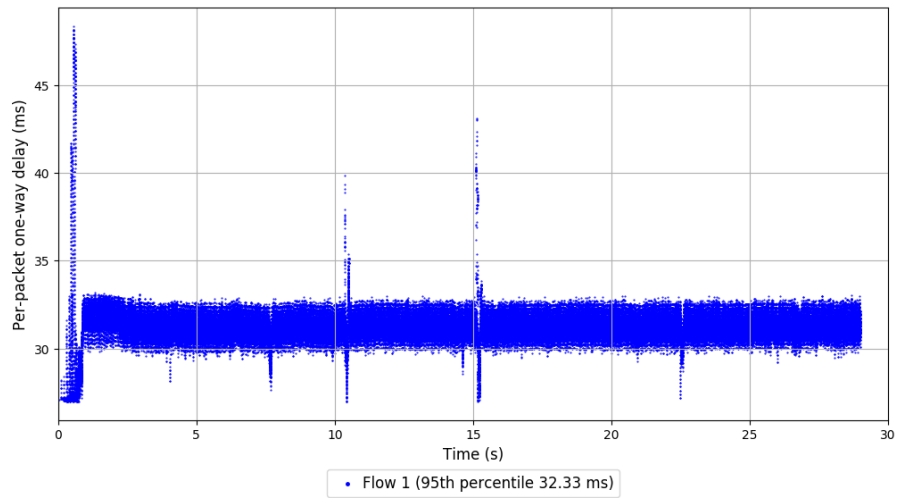
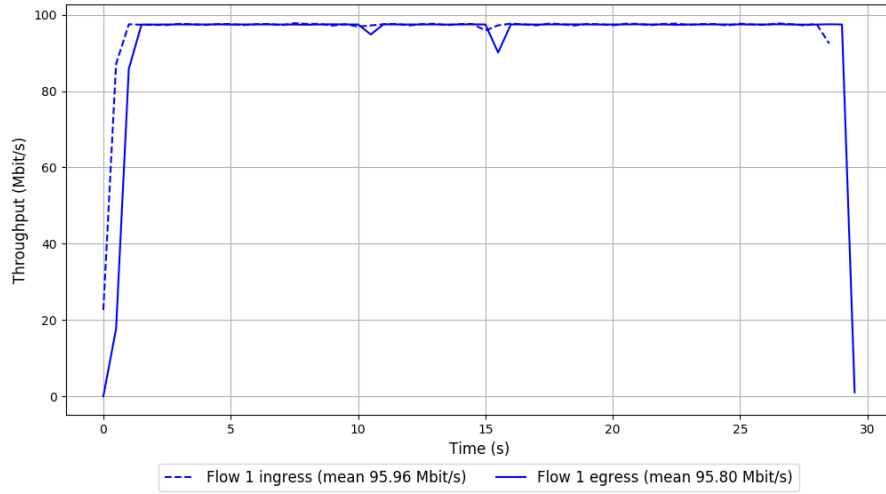
-- Flow 1:

Average throughput: 95.80 Mbit/s

95th percentile per-packet one-way delay: 32.326 ms

Loss rate: 0.16%

Run 2: Report of Indigo-MusesC5 — Data Link

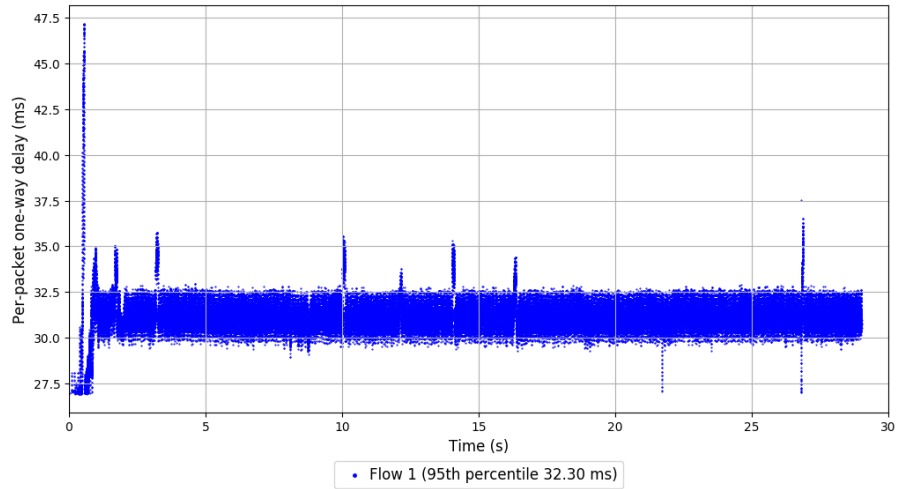
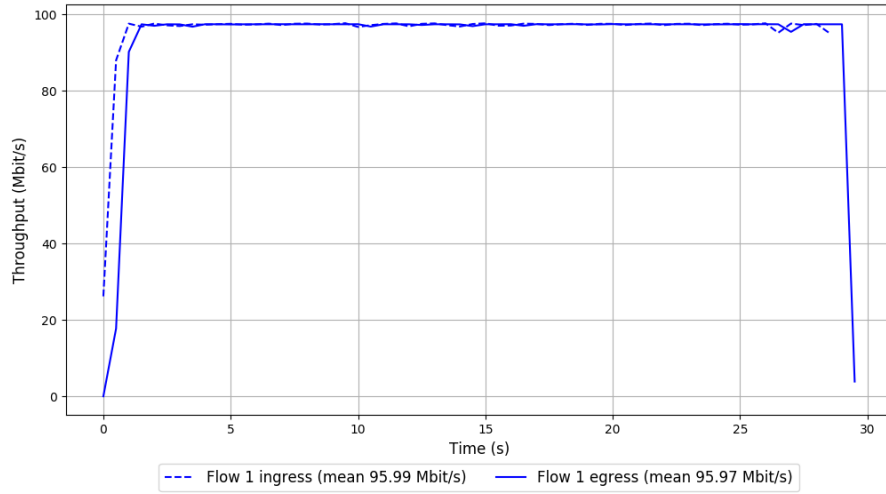


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-05-29 20:19:56
End at: 2019-05-29 20:20:26
Local clock offset: 0.715 ms
Remote clock offset: -2.698 ms

Below is generated by plot.py at 2019-05-29 21:41:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 32.300 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 32.300 ms
Loss rate: 0.01%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-05-29 20:45:27

End at: 2019-05-29 20:45:57

Local clock offset: 0.575 ms

Remote clock offset: -2.377 ms

Below is generated by plot.py at 2019-05-29 21:42:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.96 Mbit/s

95th percentile per-packet one-way delay: 32.358 ms

Loss rate: 0.01%

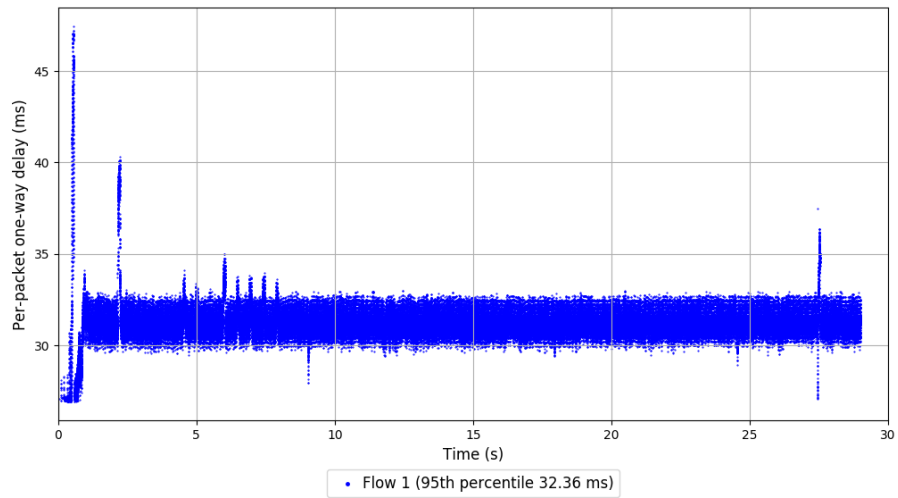
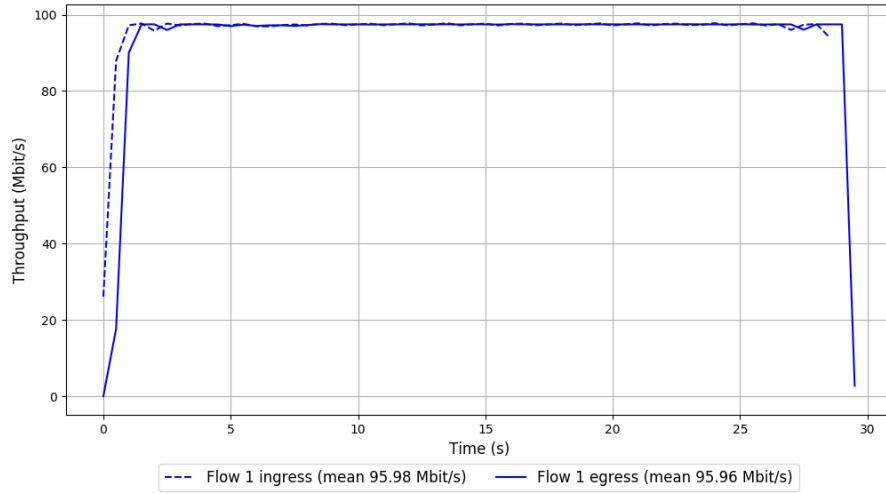
-- Flow 1:

Average throughput: 95.96 Mbit/s

95th percentile per-packet one-way delay: 32.358 ms

Loss rate: 0.01%

Run 4: Report of Indigo-MusesC5 — Data Link

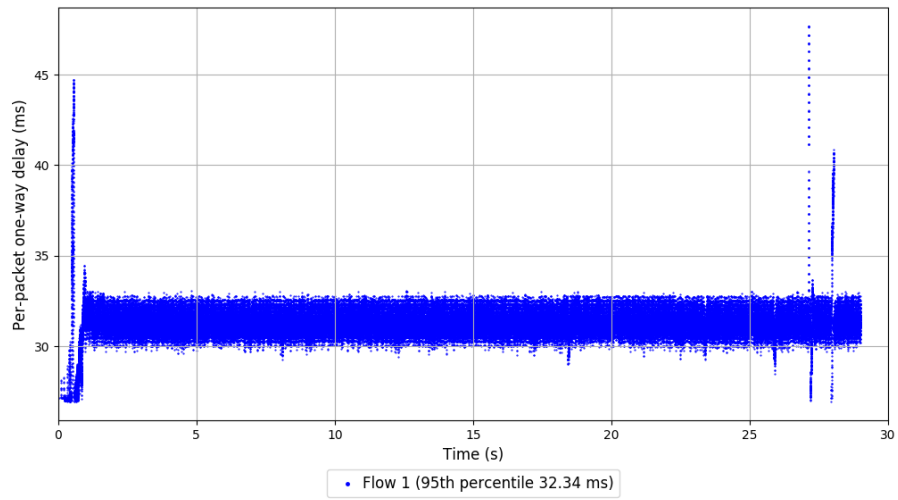
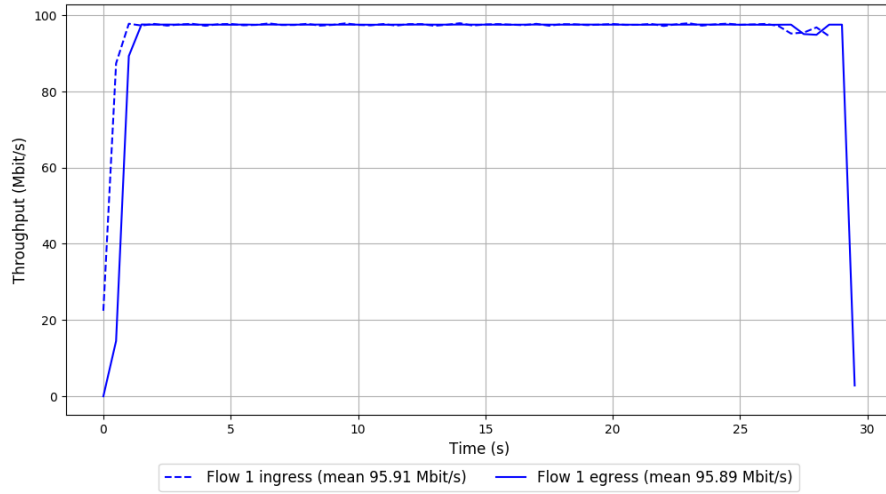


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-05-29 21:10:41
End at: 2019-05-29 21:11:11
Local clock offset: 0.461 ms
Remote clock offset: -2.256 ms

Below is generated by plot.py at 2019-05-29 21:42:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 32.341 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 32.341 ms
Loss rate: 0.01%

Run 5: Report of Indigo-MusesC5 — Data Link

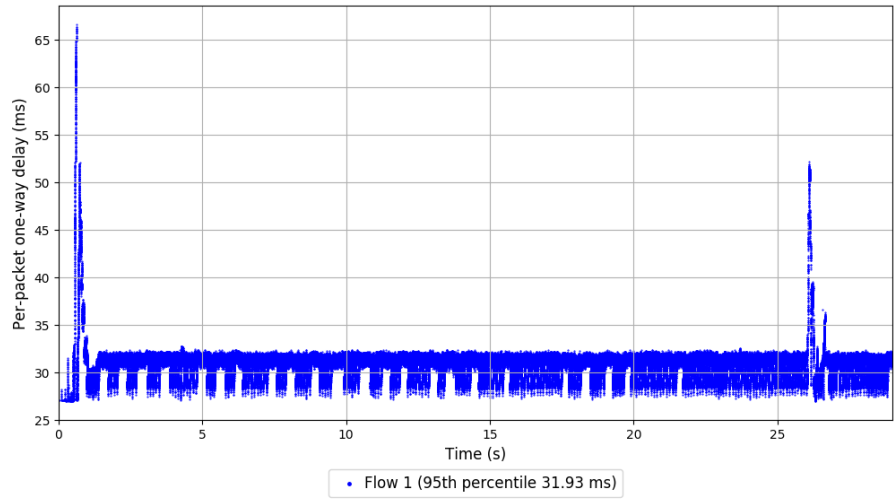
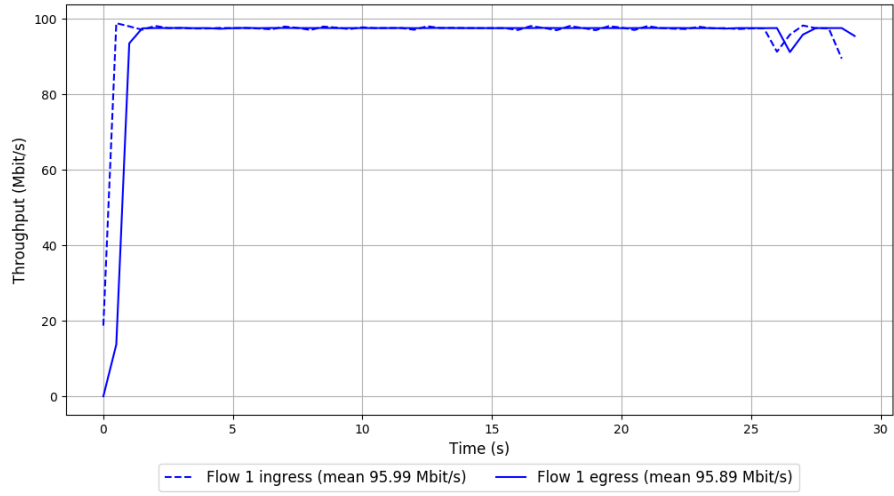


Run 1: Statistics of Indigo-MusesD

Start at: 2019-05-29 19:45:30
End at: 2019-05-29 19:46:00
Local clock offset: 1.13 ms
Remote clock offset: -3.064 ms

Below is generated by plot.py at 2019-05-29 21:42:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 31.928 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 31.928 ms
Loss rate: 0.09%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-05-29 20:10:27

End at: 2019-05-29 20:10:57

Local clock offset: 1.042 ms

Remote clock offset: -2.699 ms

Below is generated by plot.py at 2019-05-29 21:42:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 31.065 ms

Loss rate: 0.01%

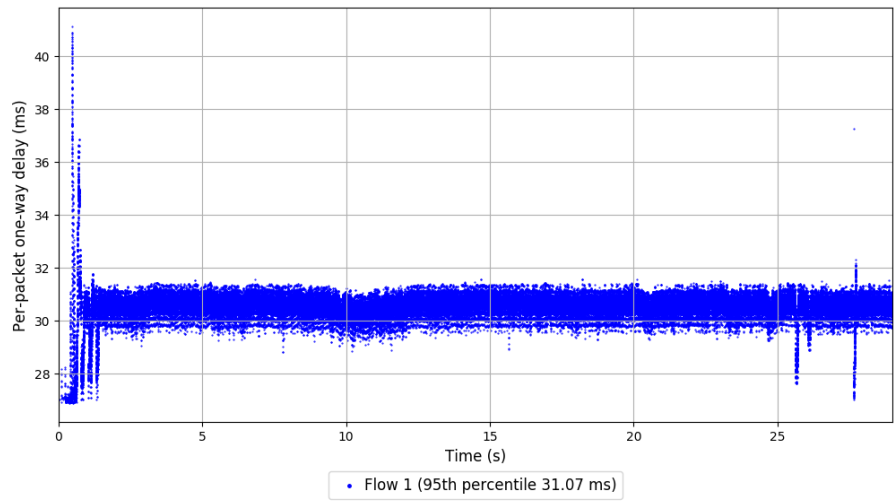
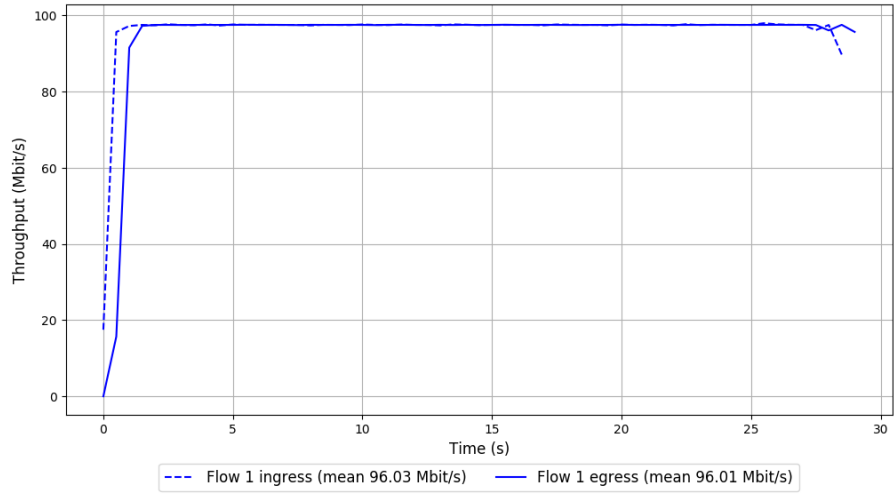
-- Flow 1:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 31.065 ms

Loss rate: 0.01%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-05-29 20:35:41

End at: 2019-05-29 20:36:11

Local clock offset: 0.919 ms

Remote clock offset: -2.402 ms

Below is generated by plot.py at 2019-05-29 21:42:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.98 Mbit/s

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

Loss rate: 0.05%

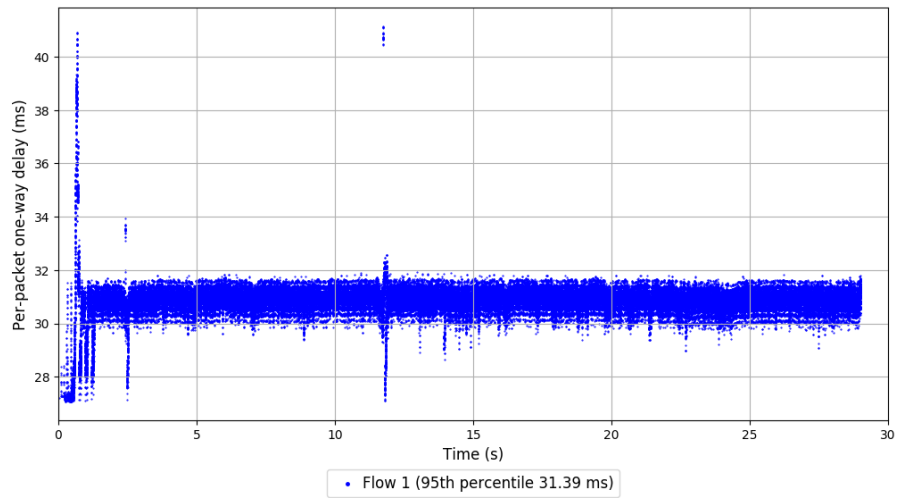
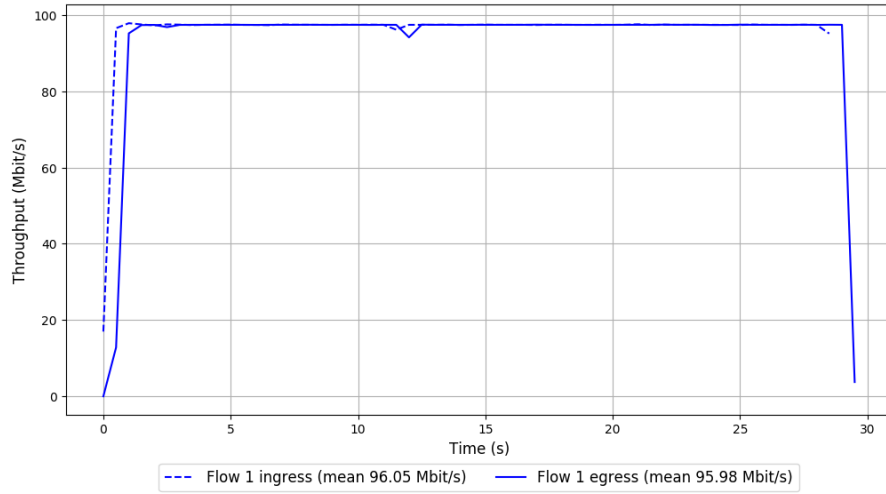
-- Flow 1:

Average throughput: 95.98 Mbit/s

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

Loss rate: 0.05%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-05-29 21:01:08

End at: 2019-05-29 21:01:39

Local clock offset: 0.569 ms

Remote clock offset: -2.381 ms

Below is generated by plot.py at 2019-05-29 21:42:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.91 Mbit/s

95th percentile per-packet one-way delay: 31.177 ms

Loss rate: 0.02%

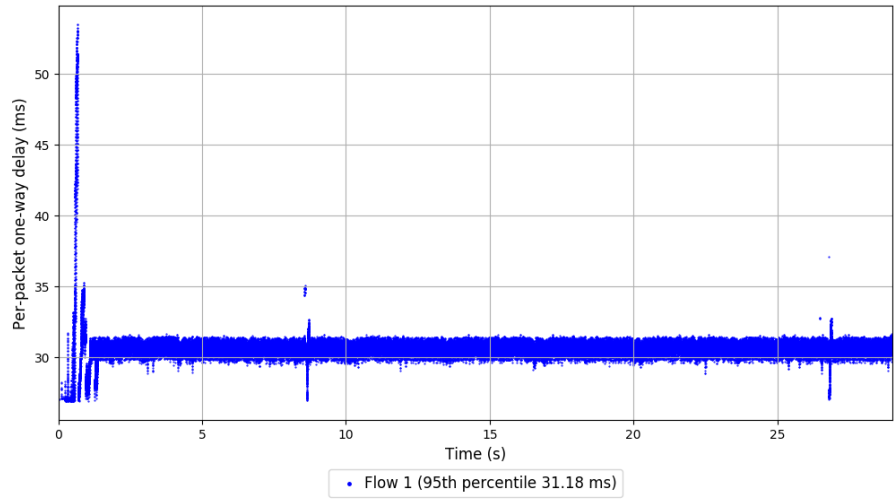
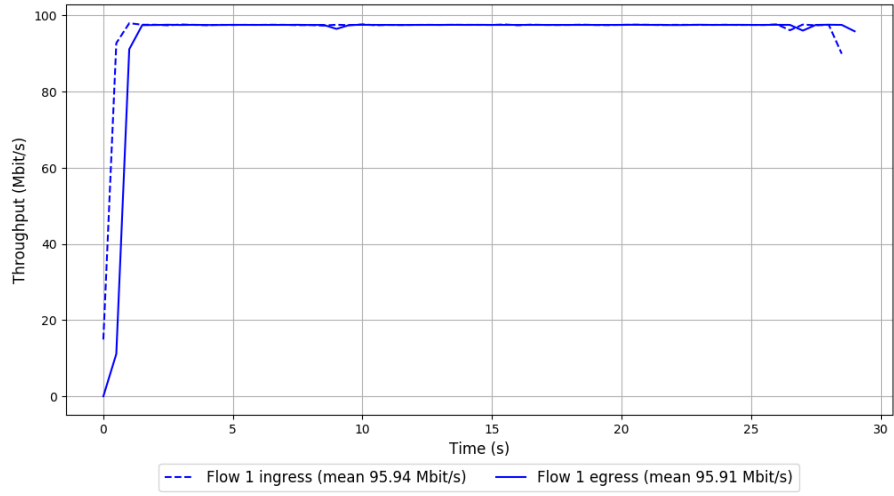
-- Flow 1:

Average throughput: 95.91 Mbit/s

95th percentile per-packet one-way delay: 31.177 ms

Loss rate: 0.02%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-05-29 21:26:33

End at: 2019-05-29 21:27:03

Local clock offset: 0.314 ms

Remote clock offset: -2.395 ms

Below is generated by plot.py at 2019-05-29 21:42:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 31.383 ms

Loss rate: 0.08%

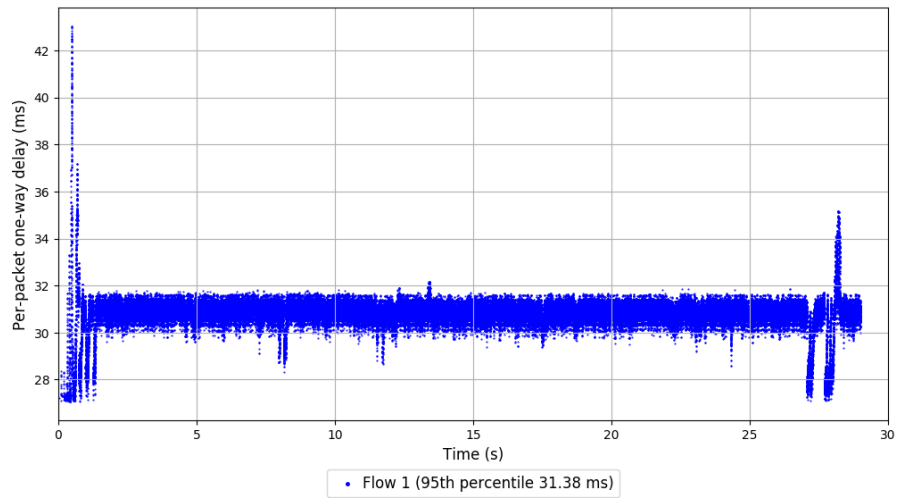
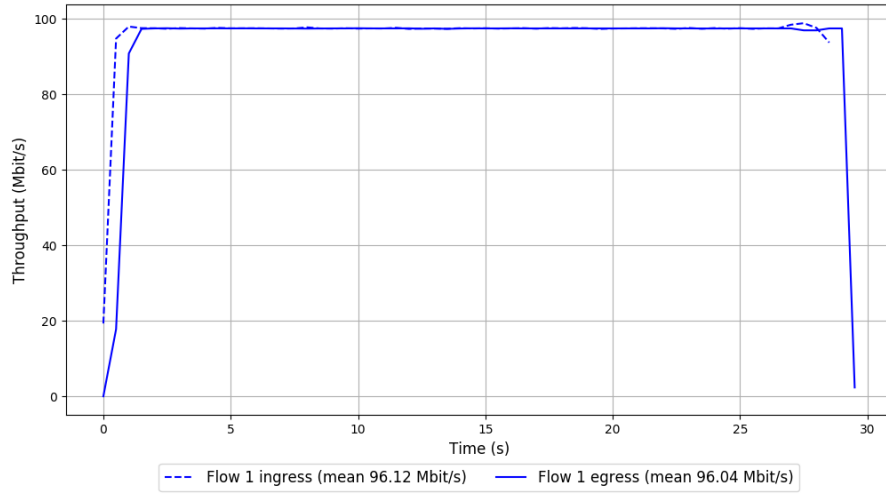
-- Flow 1:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 31.383 ms

Loss rate: 0.08%

Run 5: Report of Indigo-MusesD — Data Link

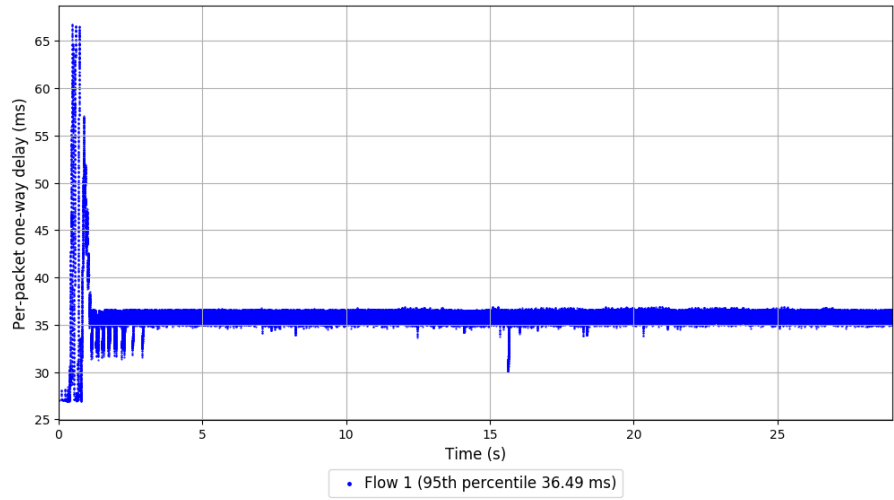
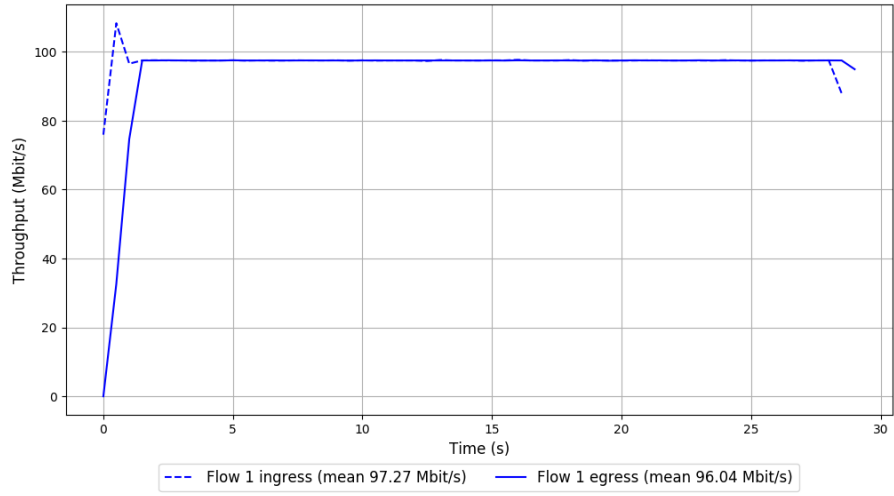


Run 1: Statistics of Indigo-MuseST

Start at: 2019-05-29 19:31:15
End at: 2019-05-29 19:31:45
Local clock offset: 1.522 ms
Remote clock offset: -3.304 ms

Below is generated by plot.py at 2019-05-29 21:43:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 36.493 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 36.493 ms
Loss rate: 1.23%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

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

End at: 2019-05-29 19:56:49

Local clock offset: 0.994 ms

Remote clock offset: -2.914 ms

Below is generated by plot.py at 2019-05-29 21:43:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 35.856 ms

Loss rate: 0.74%

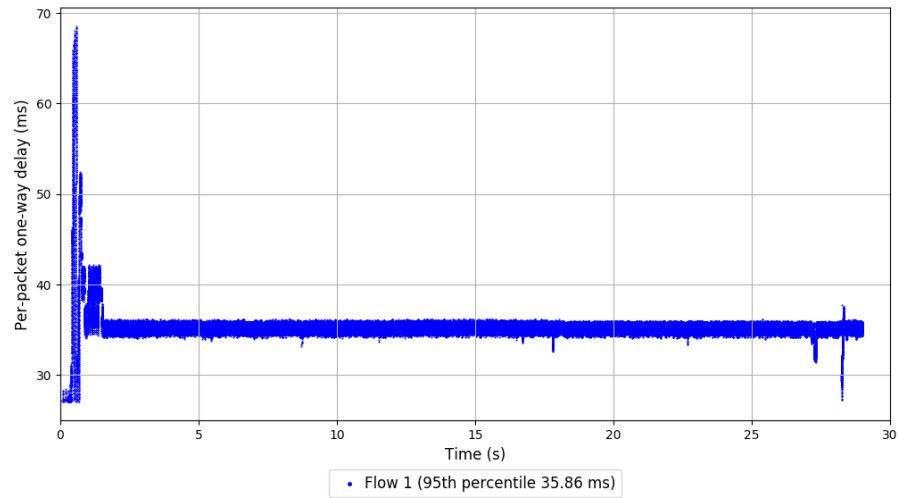
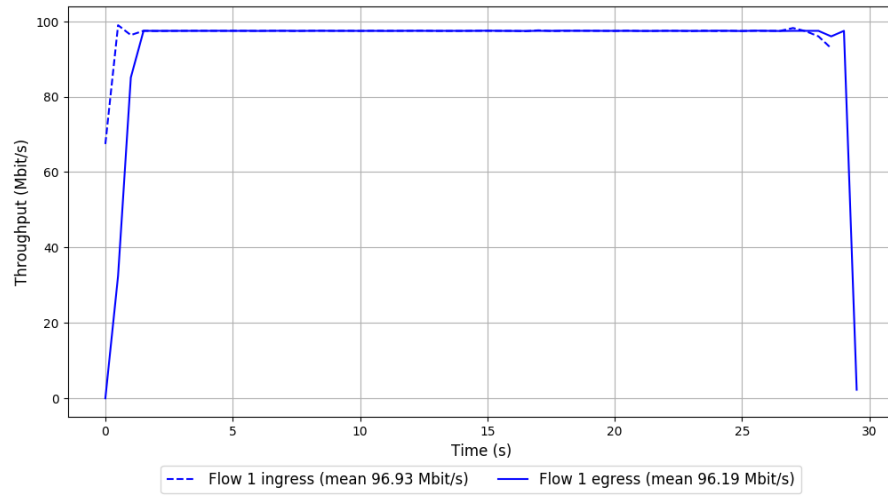
-- Flow 1:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 35.856 ms

Loss rate: 0.74%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MuseST

Start at: 2019-05-29 20:21:08

End at: 2019-05-29 20:21:38

Local clock offset: 0.718 ms

Remote clock offset: -2.677 ms

Below is generated by plot.py at 2019-05-29 21:43:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 36.362 ms

Loss rate: 1.22%

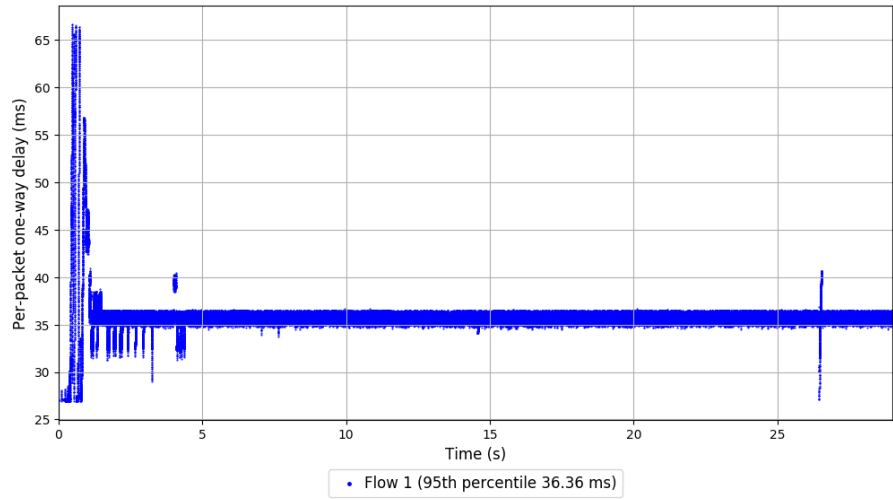
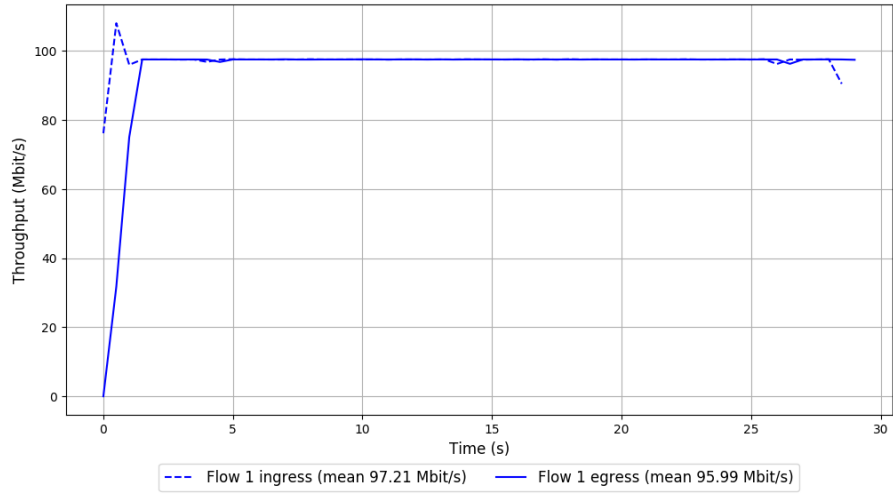
-- Flow 1:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 36.362 ms

Loss rate: 1.22%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MuseST

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

End at: 2019-05-29 20:47:16

Local clock offset: 0.534 ms

Remote clock offset: -2.337 ms

Below is generated by plot.py at 2019-05-29 21:43:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.08 Mbit/s

95th percentile per-packet one-way delay: 39.327 ms

Loss rate: 0.86%

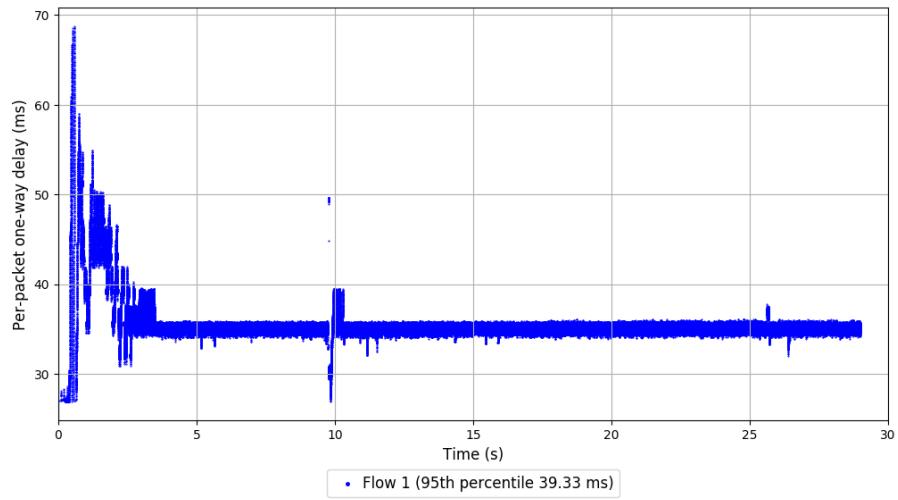
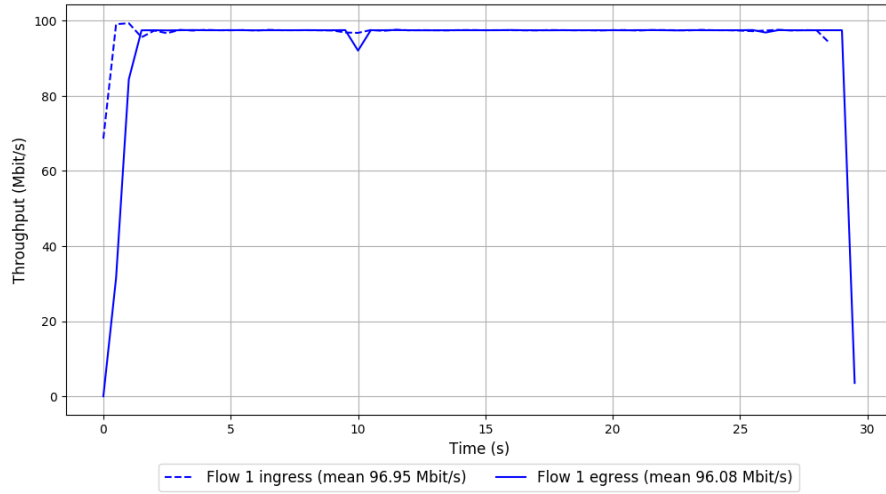
-- Flow 1:

Average throughput: 96.08 Mbit/s

95th percentile per-packet one-way delay: 39.327 ms

Loss rate: 0.86%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MuseST

Start at: 2019-05-29 21:12:03

End at: 2019-05-29 21:12:33

Local clock offset: 0.458 ms

Remote clock offset: -2.312 ms

Below is generated by plot.py at 2019-05-29 21:43:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 38.909 ms

Loss rate: 0.95%

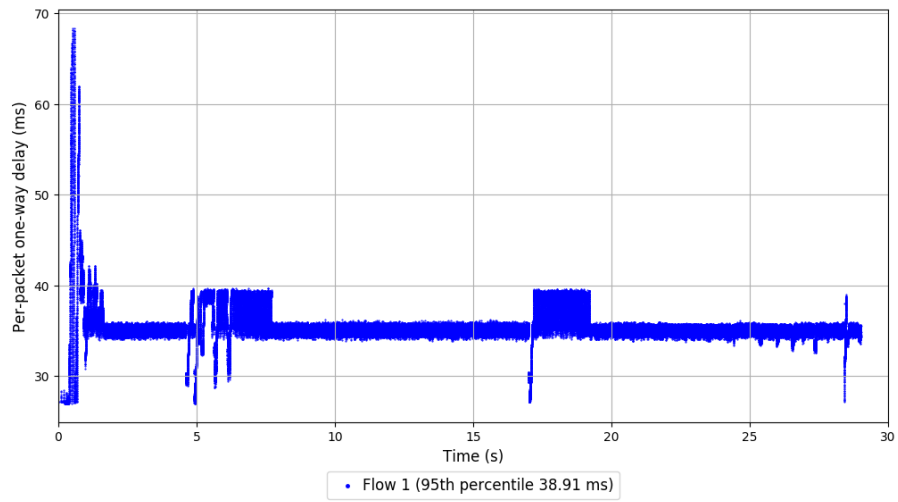
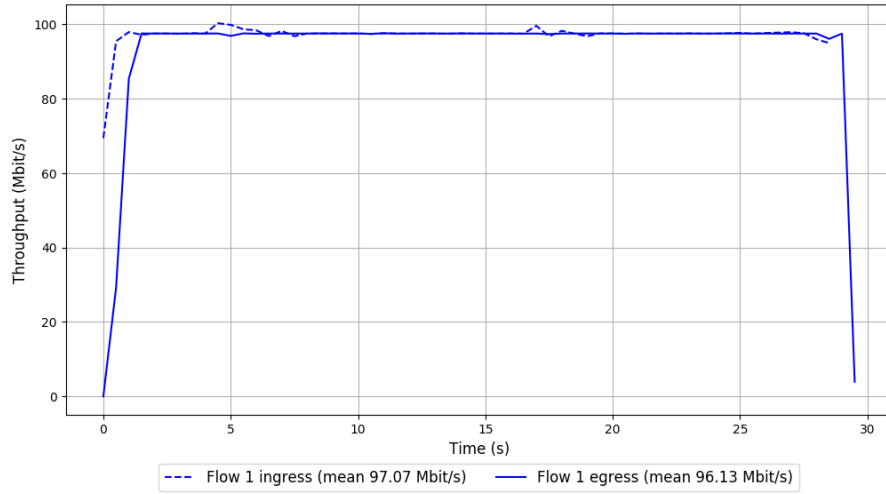
-- Flow 1:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 38.909 ms

Loss rate: 0.95%

Run 5: Report of Indigo-MusesT — Data Link



Run 1: Statistics of LEDBAT

Start at: 2019-05-29 19:41:44

End at: 2019-05-29 19:42:14

Local clock offset: 1.289 ms

Remote clock offset: -3.17 ms

Below is generated by plot.py at 2019-05-29 21:43:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.70 Mbit/s

95th percentile per-packet one-way delay: 36.861 ms

Loss rate: 0.01%

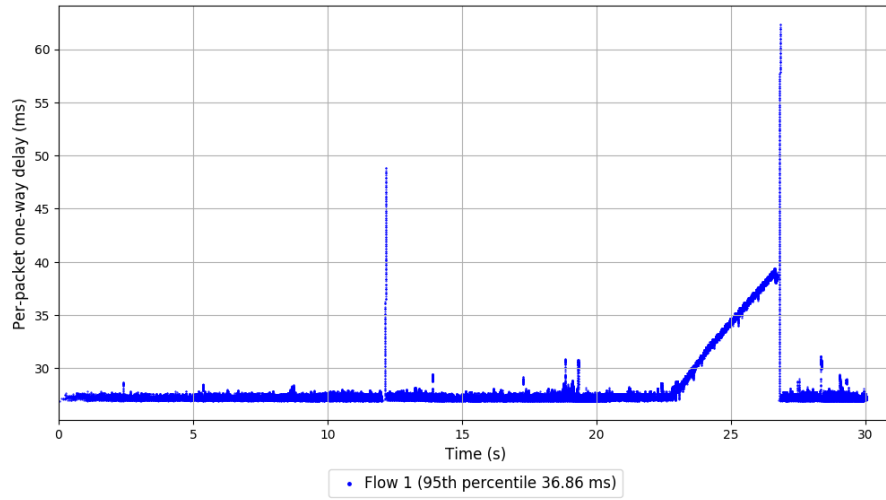
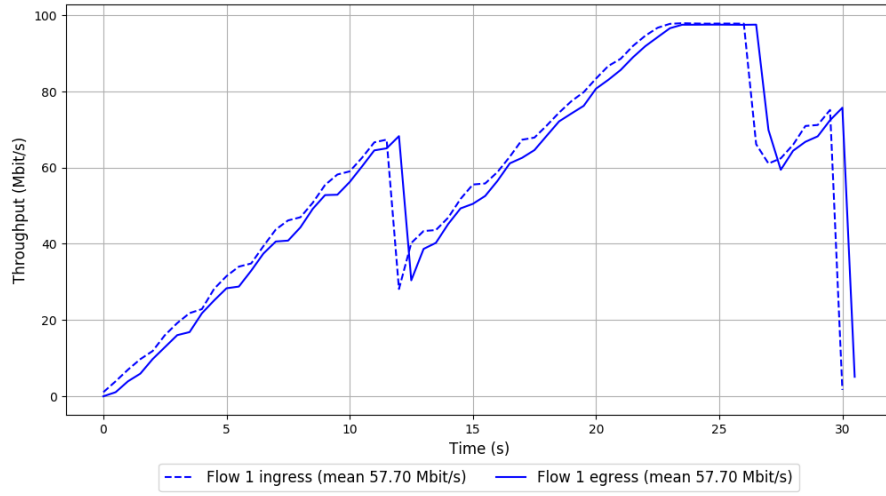
-- Flow 1:

Average throughput: 57.70 Mbit/s

95th percentile per-packet one-way delay: 36.861 ms

Loss rate: 0.01%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-05-29 20:06:55

End at: 2019-05-29 20:07:25

Local clock offset: 1.259 ms

Remote clock offset: -2.751 ms

Below is generated by plot.py at 2019-05-29 21:43:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.93 Mbit/s

95th percentile per-packet one-way delay: 28.633 ms

Loss rate: 0.02%

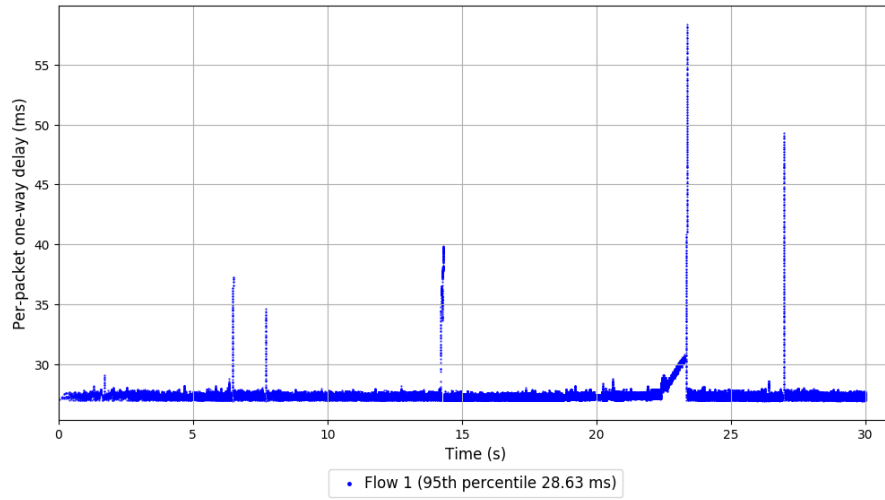
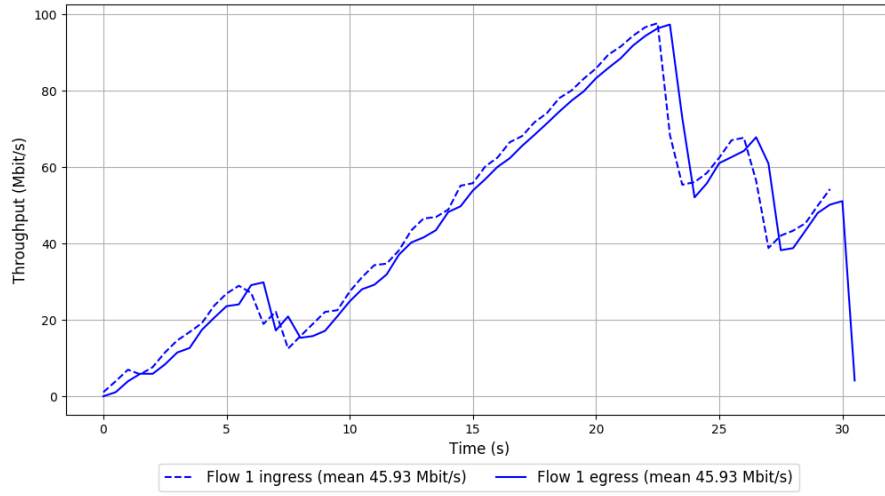
-- Flow 1:

Average throughput: 45.93 Mbit/s

95th percentile per-packet one-way delay: 28.633 ms

Loss rate: 0.02%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-05-29 20:32:02

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

Local clock offset: 0.82 ms

Remote clock offset: -2.613 ms

Below is generated by plot.py at 2019-05-29 21:43:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.30 Mbit/s

95th percentile per-packet one-way delay: 34.263 ms

Loss rate: 0.06%

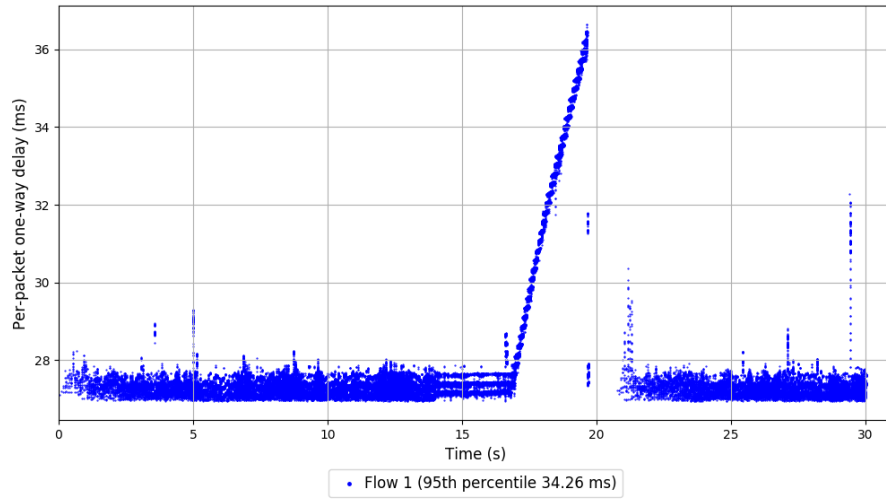
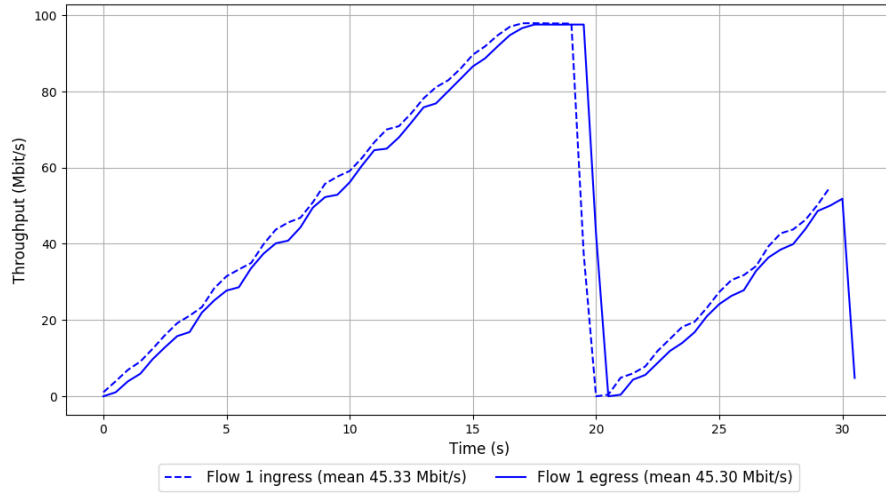
-- Flow 1:

Average throughput: 45.30 Mbit/s

95th percentile per-packet one-way delay: 34.263 ms

Loss rate: 0.06%

Run 3: Report of LEDBAT — Data Link

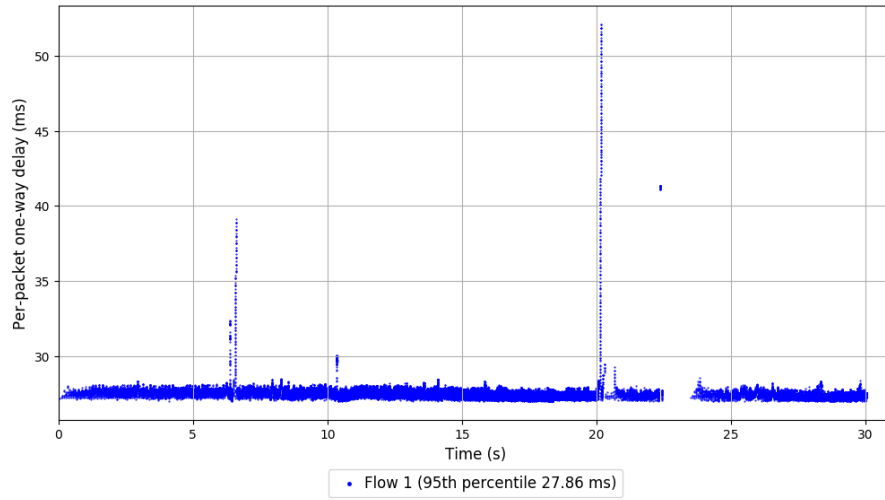
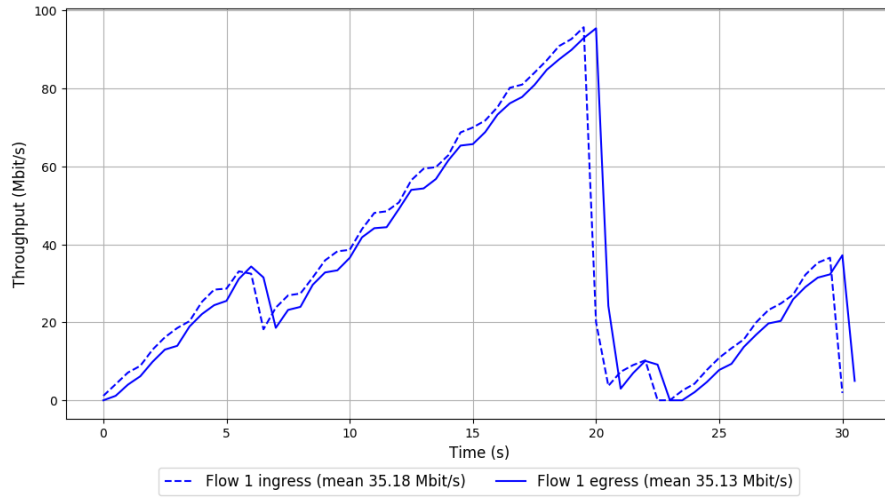


Run 4: Statistics of LEDBAT

Start at: 2019-05-29 20:57:35
End at: 2019-05-29 20:58:05
Local clock offset: 0.493 ms
Remote clock offset: -2.303 ms

Below is generated by plot.py at 2019-05-29 21:43:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.13 Mbit/s
95th percentile per-packet one-way delay: 27.856 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 35.13 Mbit/s
95th percentile per-packet one-way delay: 27.856 ms
Loss rate: 0.14%

Run 4: Report of LEDBAT — Data Link

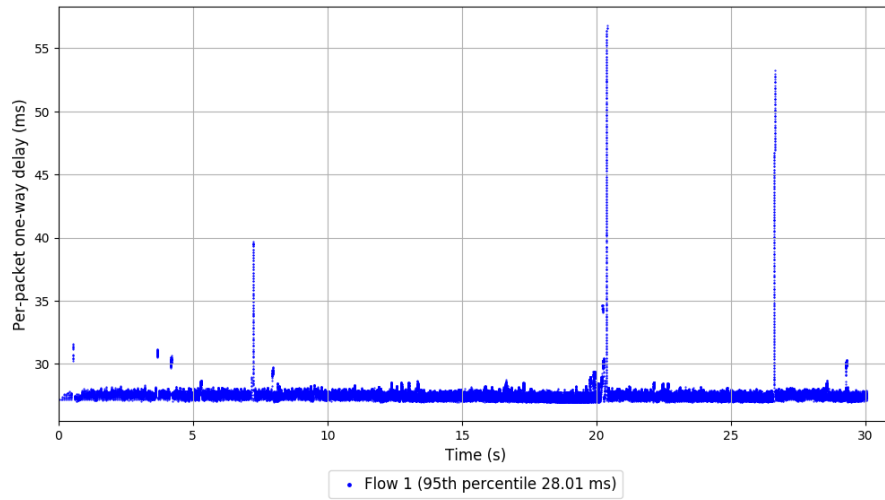
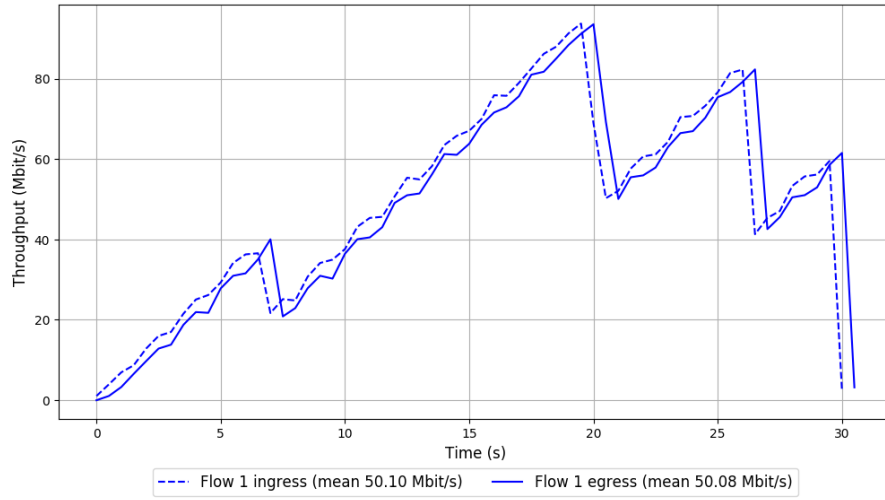


Run 5: Statistics of LEDBAT

Start at: 2019-05-29 21:22:57
End at: 2019-05-29 21:23:27
Local clock offset: 0.307 ms
Remote clock offset: -2.461 ms

Below is generated by plot.py at 2019-05-29 21:43:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.08 Mbit/s
95th percentile per-packet one-way delay: 28.009 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 50.08 Mbit/s
95th percentile per-packet one-way delay: 28.009 ms
Loss rate: 0.03%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-05-29 19:49:07

End at: 2019-05-29 19:49:37

Local clock offset: 1.034 ms

Remote clock offset: -3.025 ms

Below is generated by plot.py at 2019-05-29 21:44:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.70 Mbit/s

95th percentile per-packet one-way delay: 30.997 ms

Loss rate: 0.74%

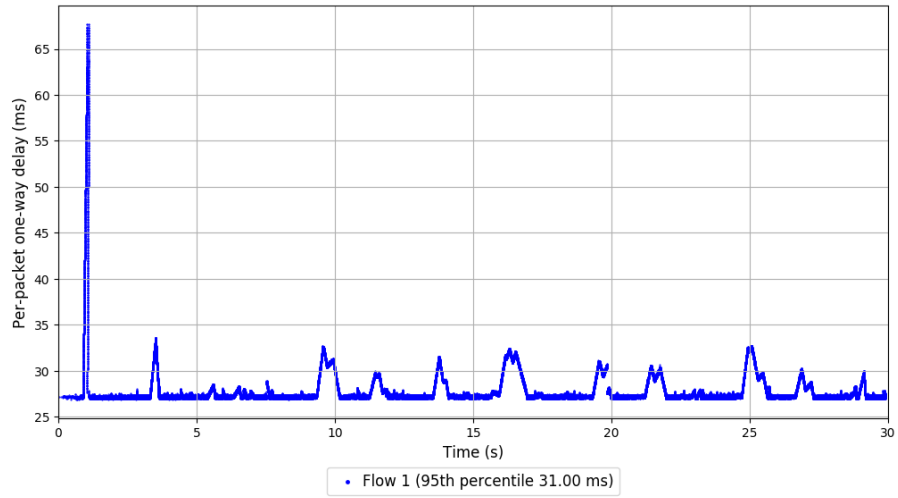
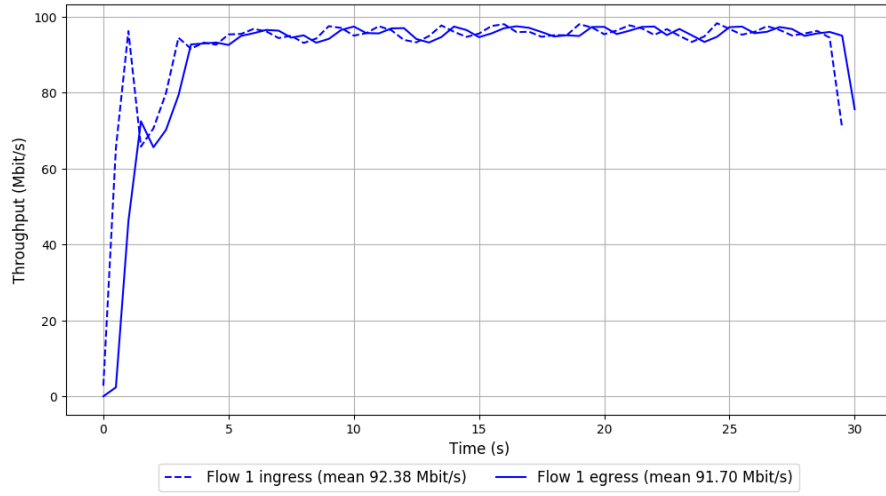
-- Flow 1:

Average throughput: 91.70 Mbit/s

95th percentile per-packet one-way delay: 30.997 ms

Loss rate: 0.74%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-05-29 20:14:01

End at: 2019-05-29 20:14:31

Local clock offset: 0.797 ms

Remote clock offset: -2.635 ms

Below is generated by plot.py at 2019-05-29 21:44:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.38 Mbit/s

95th percentile per-packet one-way delay: 34.065 ms

Loss rate: 0.74%

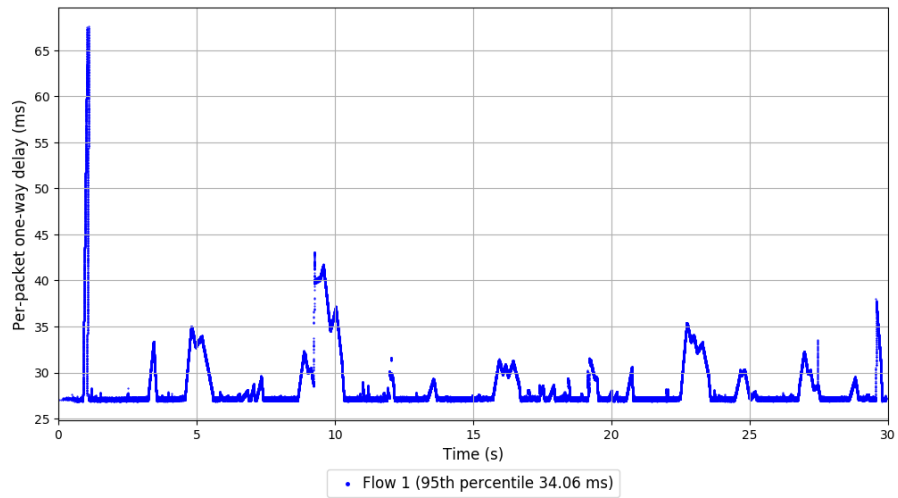
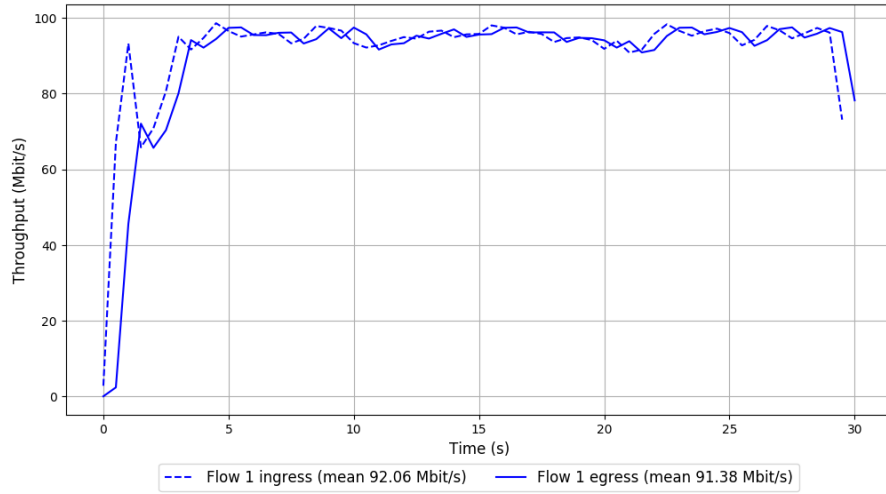
-- Flow 1:

Average throughput: 91.38 Mbit/s

95th percentile per-packet one-way delay: 34.065 ms

Loss rate: 0.74%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-05-29 20:39:18

End at: 2019-05-29 20:39:48

Local clock offset: 0.842 ms

Remote clock offset: -2.49 ms

Below is generated by plot.py at 2019-05-29 21:44:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.92 Mbit/s

95th percentile per-packet one-way delay: 32.411 ms

Loss rate: 0.71%

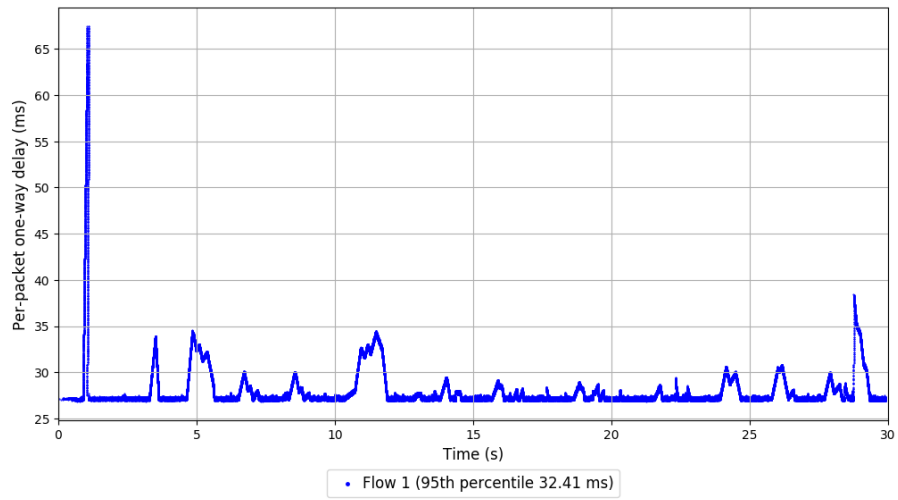
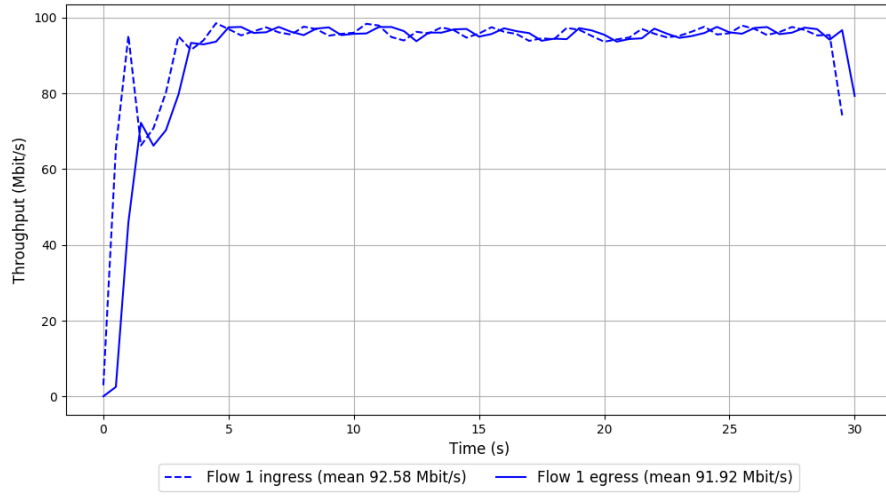
-- Flow 1:

Average throughput: 91.92 Mbit/s

95th percentile per-packet one-way delay: 32.411 ms

Loss rate: 0.71%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-05-29 21:04:45

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

Local clock offset: 0.582 ms

Remote clock offset: -2.314 ms

Below is generated by plot.py at 2019-05-29 21:44:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 30.983 ms

Loss rate: 0.75%

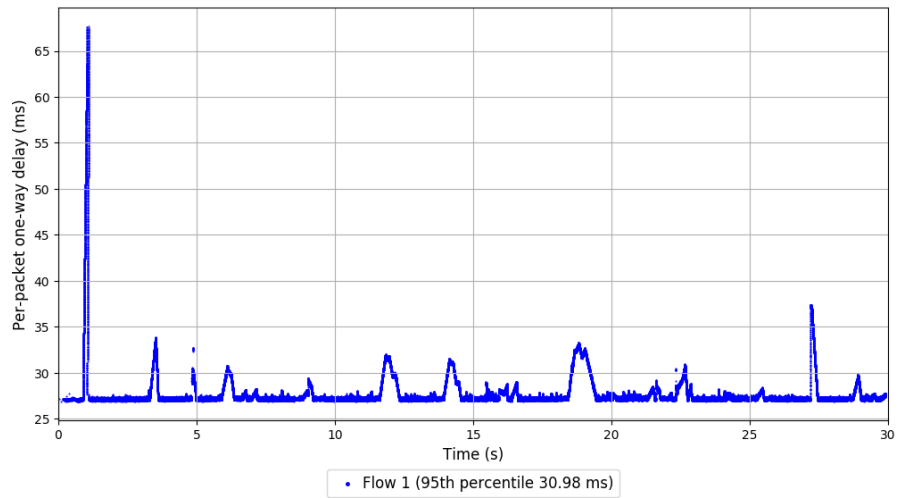
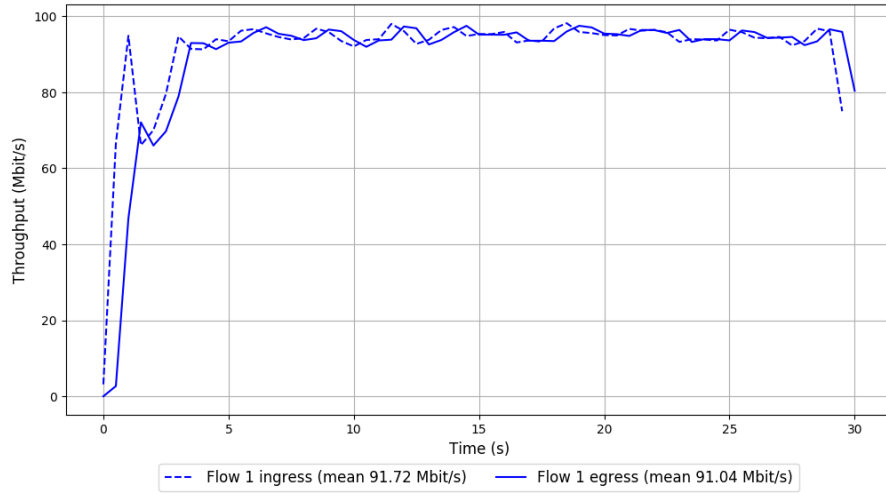
-- Flow 1:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 30.983 ms

Loss rate: 0.75%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-05-29 21:30:08

End at: 2019-05-29 21:30:38

Local clock offset: 0.311 ms

Remote clock offset: -2.636 ms

Below is generated by plot.py at 2019-05-29 21:44:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.38 Mbit/s

95th percentile per-packet one-way delay: 32.377 ms

Loss rate: 0.71%

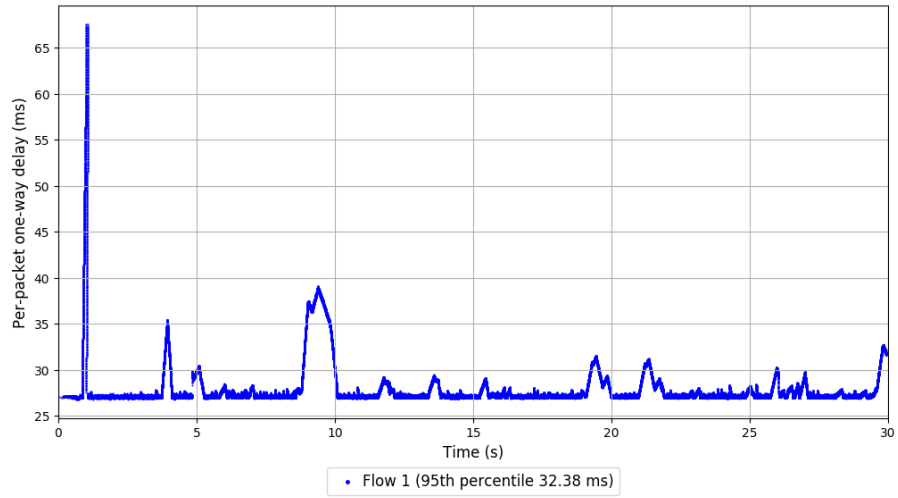
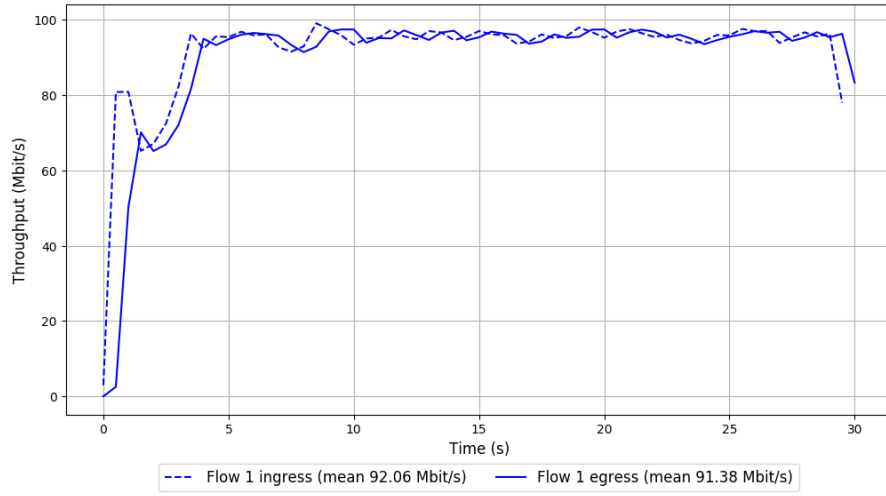
-- Flow 1:

Average throughput: 91.38 Mbit/s

95th percentile per-packet one-way delay: 32.377 ms

Loss rate: 0.71%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

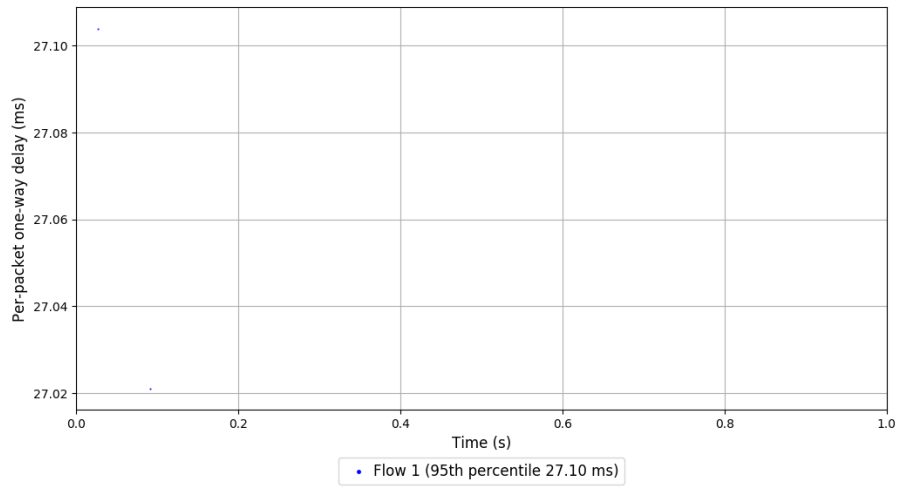
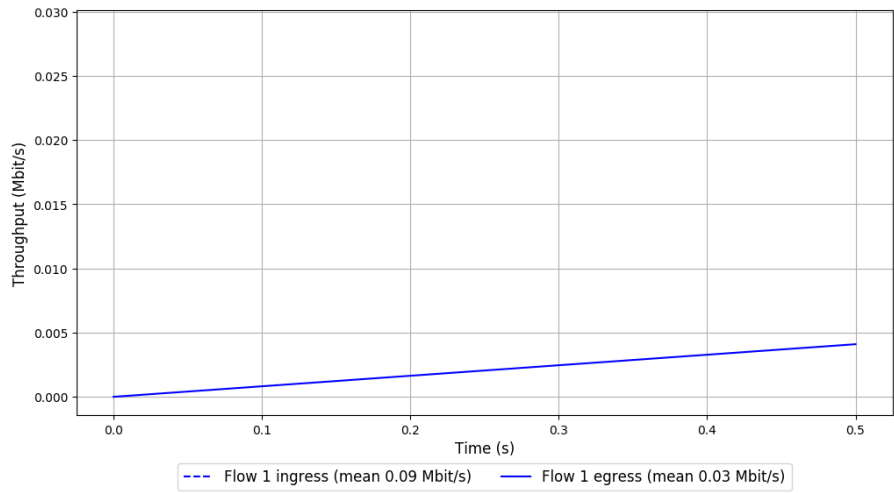
Start at: 2019-05-29 19:28:58

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

Local clock offset: 1.466 ms

Remote clock offset: -3.25 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2019-05-29 19:53:58

End at: 2019-05-29 19:54:28

Local clock offset: 1.012 ms

Remote clock offset: -3.027 ms

Below is generated by plot.py at 2019-05-29 21:44:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.05 Mbit/s

95th percentile per-packet one-way delay: 27.156 ms

Loss rate: 47.00%

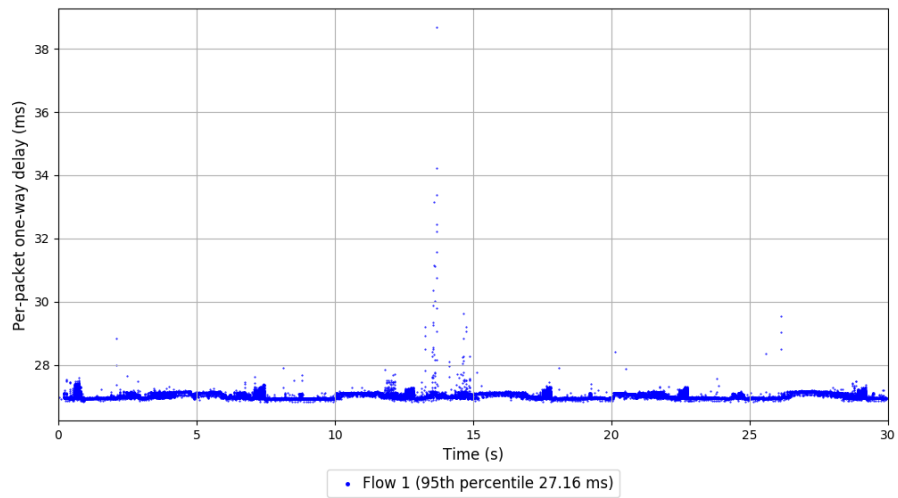
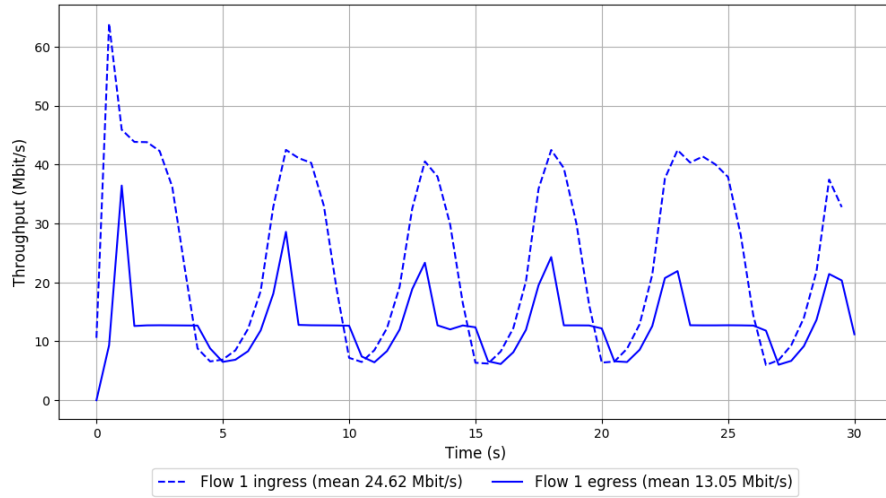
-- Flow 1:

Average throughput: 13.05 Mbit/s

95th percentile per-packet one-way delay: 27.156 ms

Loss rate: 47.00%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

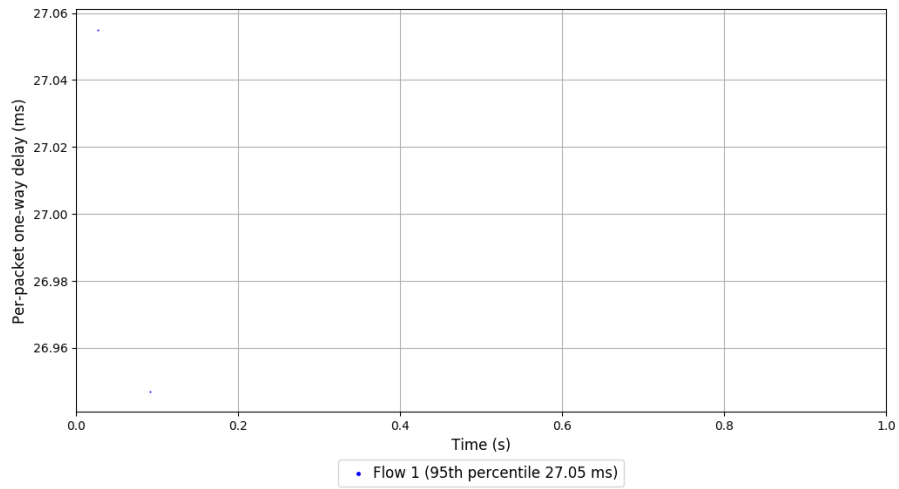
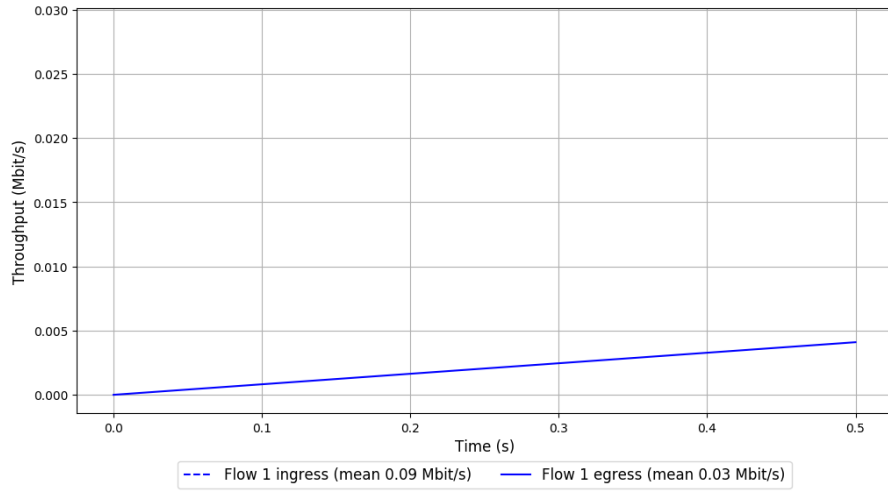
Start at: 2019-05-29 20:18:50

End at: 2019-05-29 20:19:20

Local clock offset: 0.741 ms

Remote clock offset: -2.721 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

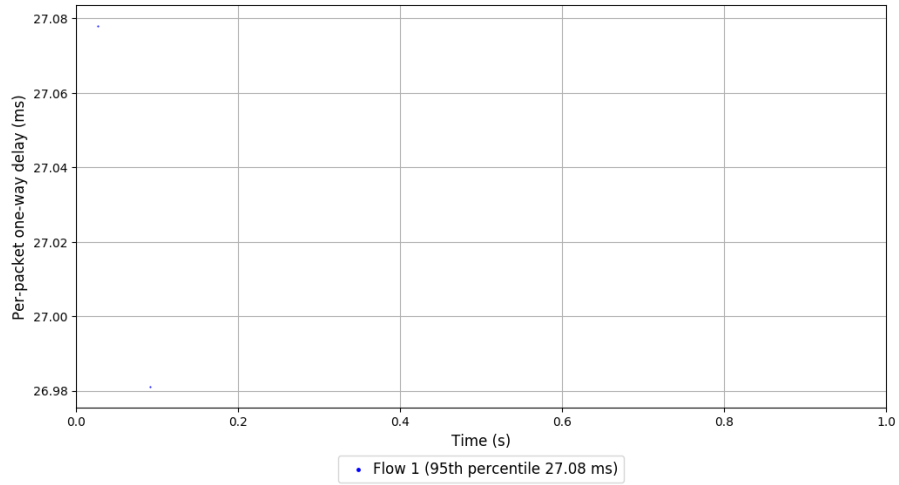
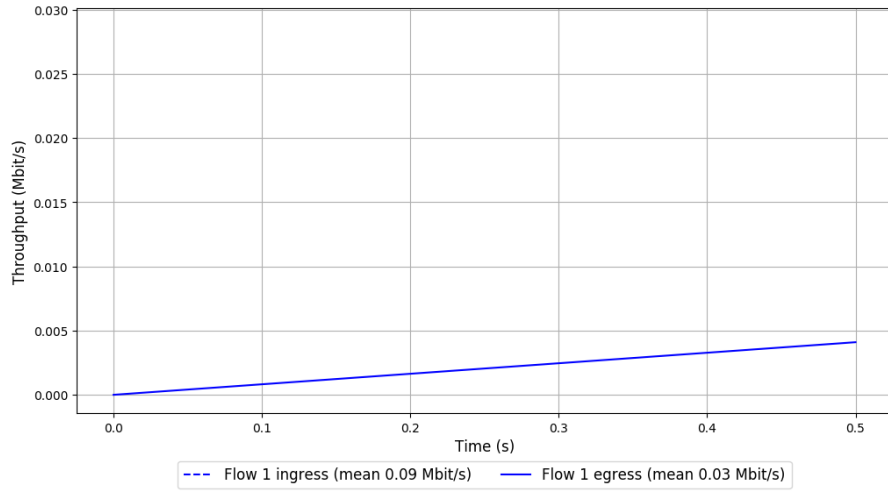
Start at: 2019-05-29 20:44:21

End at: 2019-05-29 20:44:51

Local clock offset: 0.608 ms

Remote clock offset: -2.369 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

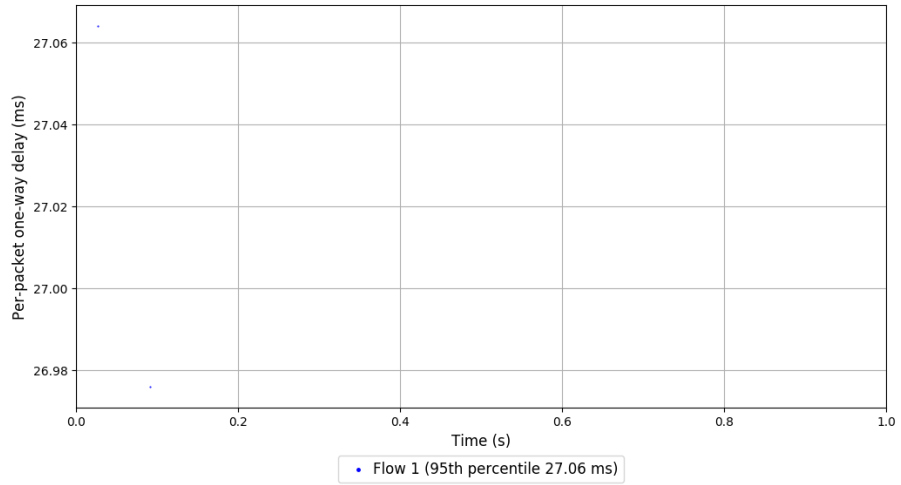
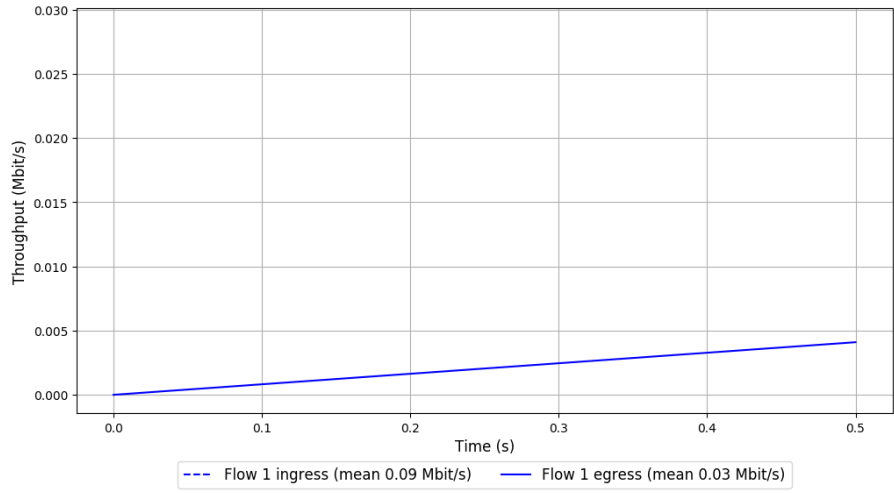
Start at: 2019-05-29 21:09:35

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

Local clock offset: 0.572 ms

Remote clock offset: -2.303 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-05-29 19:34:43

End at: 2019-05-29 19:35:13

Local clock offset: 1.65 ms

Remote clock offset: -3.282 ms

Below is generated by plot.py at 2019-05-29 21:44:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.51 Mbit/s

95th percentile per-packet one-way delay: 51.594 ms

Loss rate: 1.00%

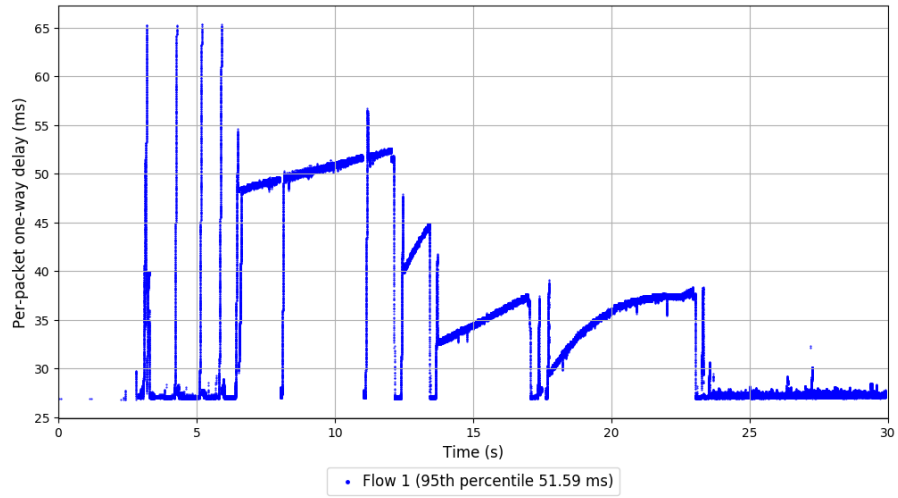
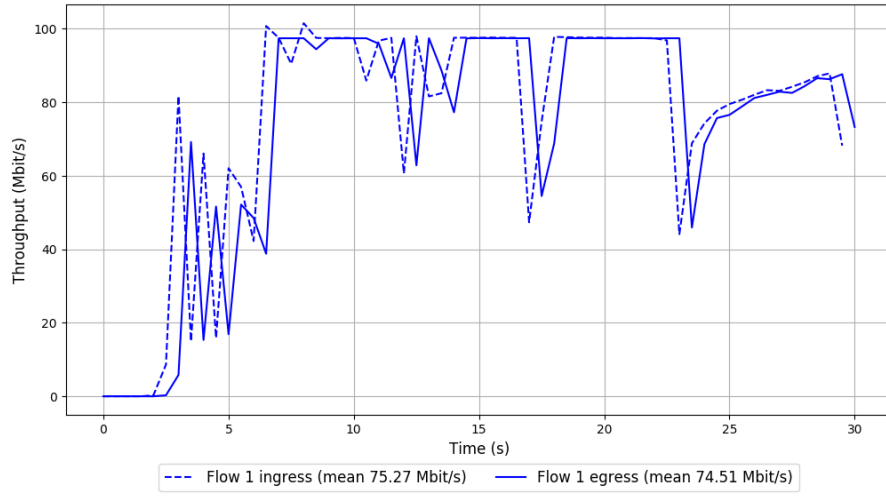
-- Flow 1:

Average throughput: 74.51 Mbit/s

95th percentile per-packet one-way delay: 51.594 ms

Loss rate: 1.00%

Run 1: Report of QUIC Cubic — Data Link

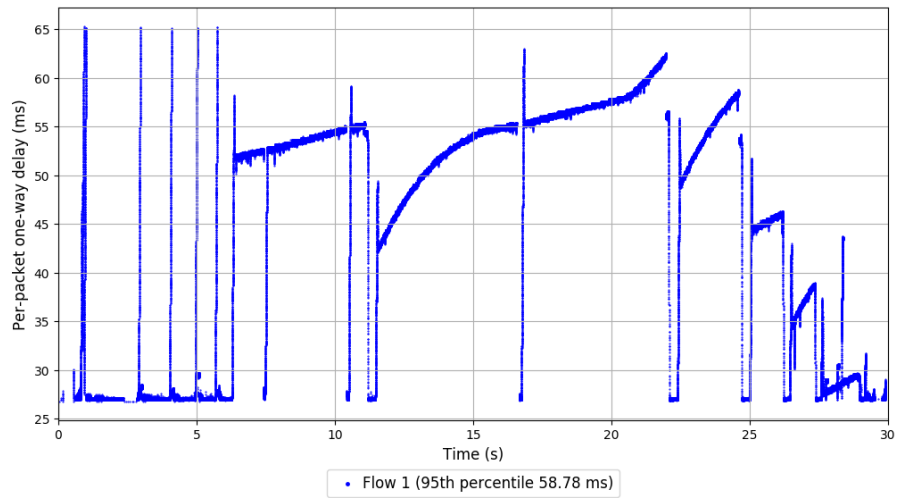
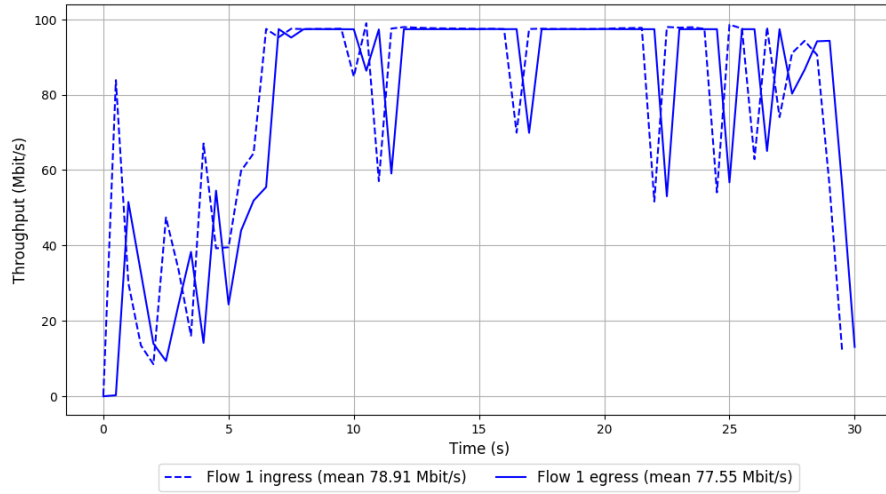


Run 2: Statistics of QUIC Cubic

Start at: 2019-05-29 19:59:55
End at: 2019-05-29 20:00:25
Local clock offset: 1.113 ms
Remote clock offset: -2.837 ms

Below is generated by plot.py at 2019-05-29 21:44:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.55 Mbit/s
95th percentile per-packet one-way delay: 58.778 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 77.55 Mbit/s
95th percentile per-packet one-way delay: 58.778 ms
Loss rate: 1.72%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-05-29 20:24:49

End at: 2019-05-29 20:25:19

Local clock offset: 0.72 ms

Remote clock offset: -2.608 ms

Below is generated by plot.py at 2019-05-29 21:44:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.23 Mbit/s

95th percentile per-packet one-way delay: 59.253 ms

Loss rate: 0.78%

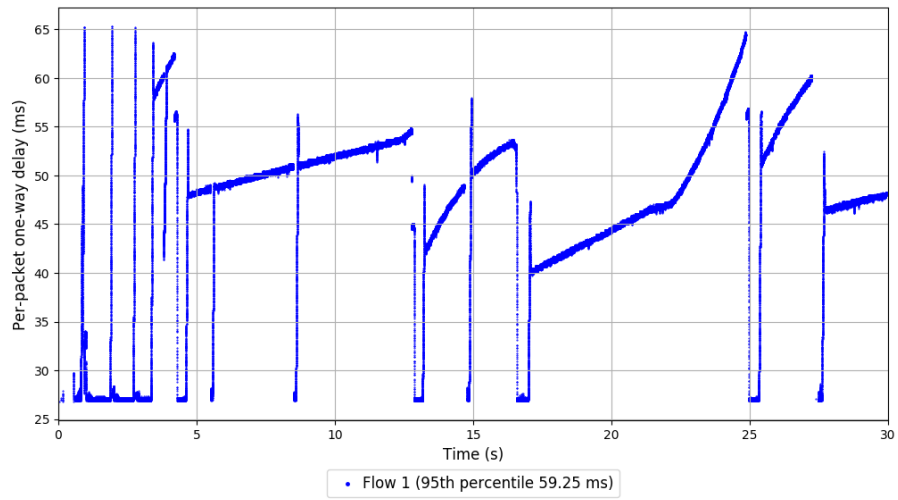
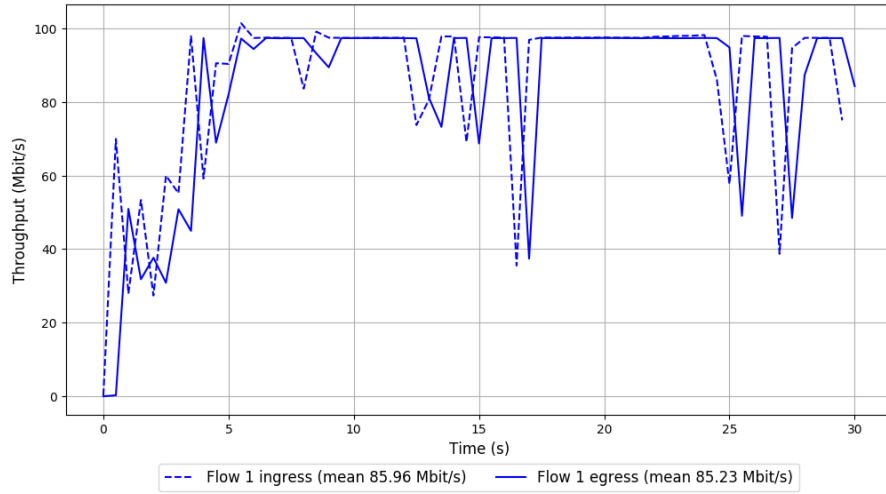
-- Flow 1:

Average throughput: 85.23 Mbit/s

95th percentile per-packet one-way delay: 59.253 ms

Loss rate: 0.78%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

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

End at: 2019-05-29 20:50:59

Local clock offset: 0.473 ms

Remote clock offset: -2.419 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.33 Mbit/s

95th percentile per-packet one-way delay: 58.242 ms

Loss rate: 0.85%

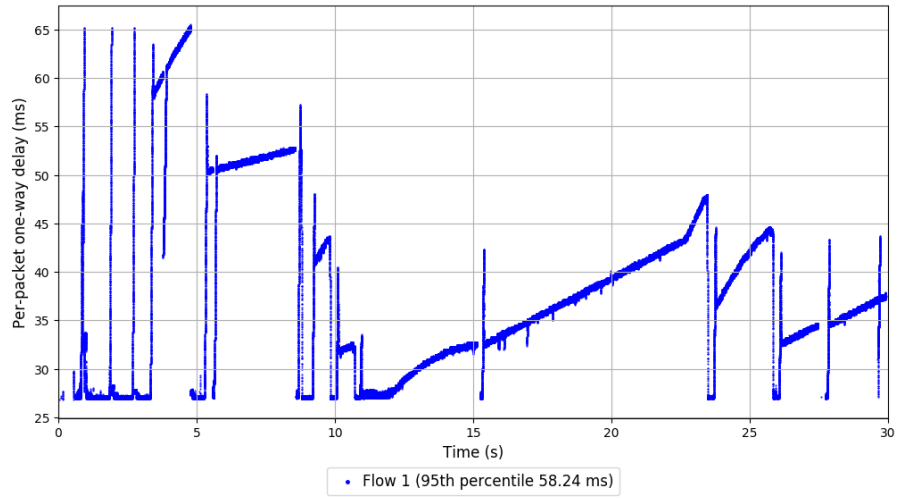
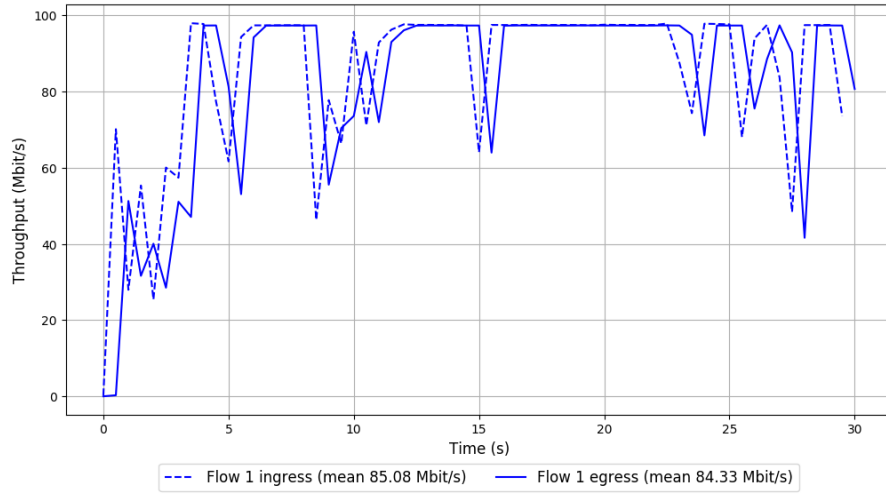
-- Flow 1:

Average throughput: 84.33 Mbit/s

95th percentile per-packet one-way delay: 58.242 ms

Loss rate: 0.85%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-05-29 21:15:54

End at: 2019-05-29 21:16:24

Local clock offset: 0.393 ms

Remote clock offset: -2.277 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.61 Mbit/s

95th percentile per-packet one-way delay: 27.538 ms

Loss rate: 0.01%

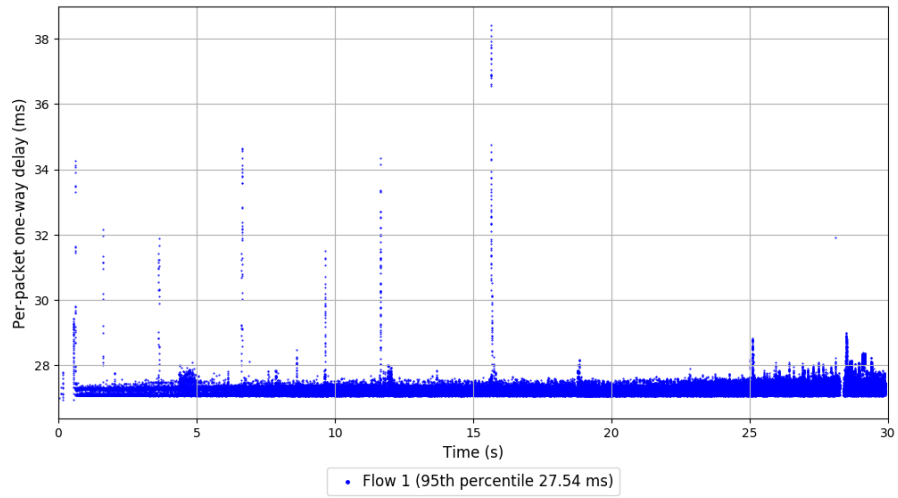
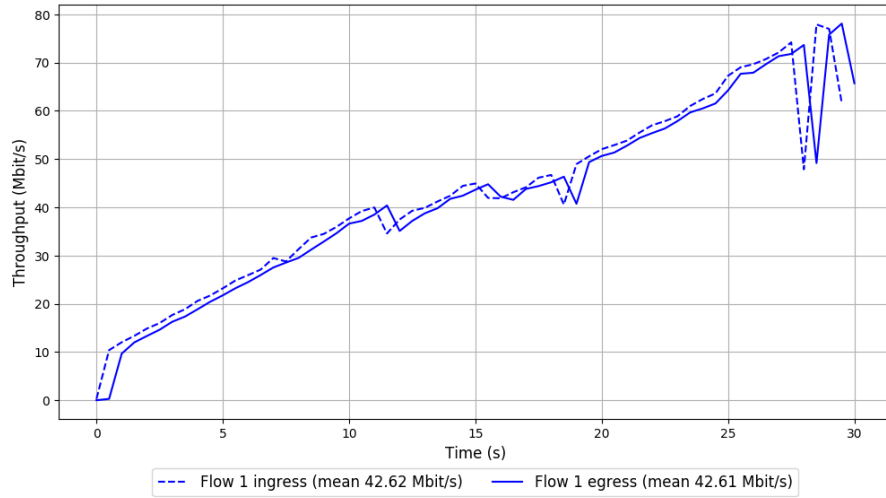
-- Flow 1:

Average throughput: 42.61 Mbit/s

95th percentile per-packet one-way delay: 27.538 ms

Loss rate: 0.01%

Run 5: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2019-05-29 19:44:24

End at: 2019-05-29 19:44:54

Local clock offset: 1.169 ms

Remote clock offset: -3.148 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 27.078 ms

Loss rate: 0.00%

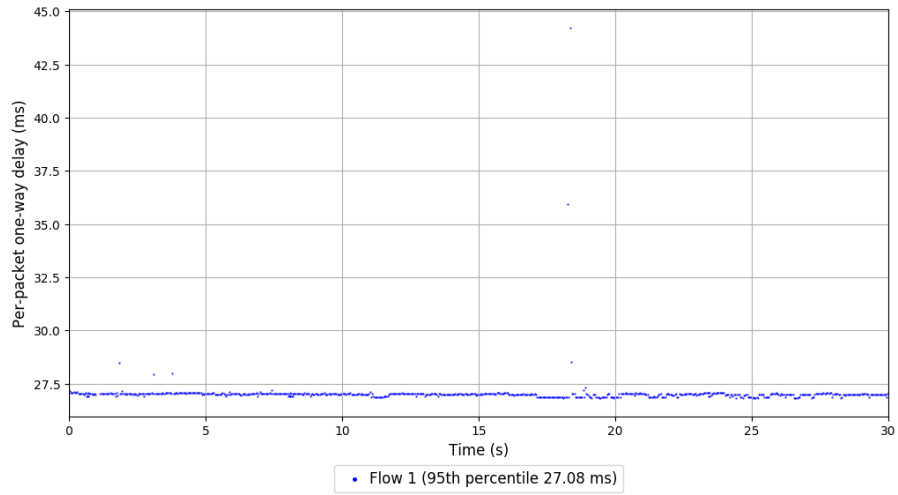
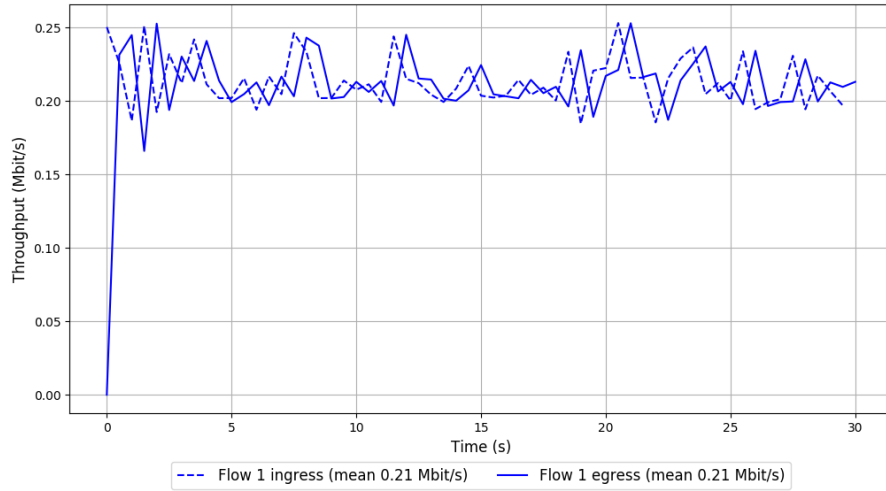
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 27.078 ms

Loss rate: 0.00%

Run 1: Report of SCReAM — Data Link

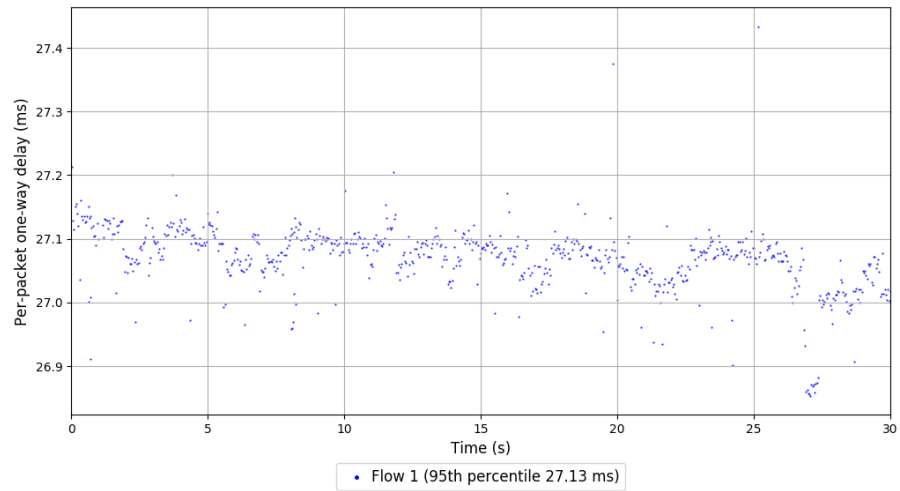
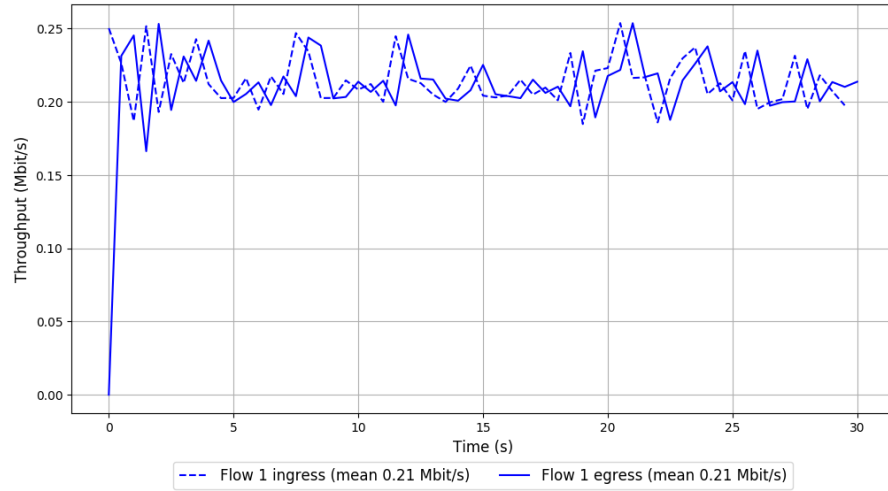


Run 2: Statistics of SCReAM

Start at: 2019-05-29 20:09:21
End at: 2019-05-29 20:09:51
Local clock offset: 1.102 ms
Remote clock offset: -2.649 ms

Below is generated by plot.py at 2019-05-29 21:45:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 27.129 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 27.129 ms
Loss rate: 0.00%

Run 2: Report of SCReAM — Data Link

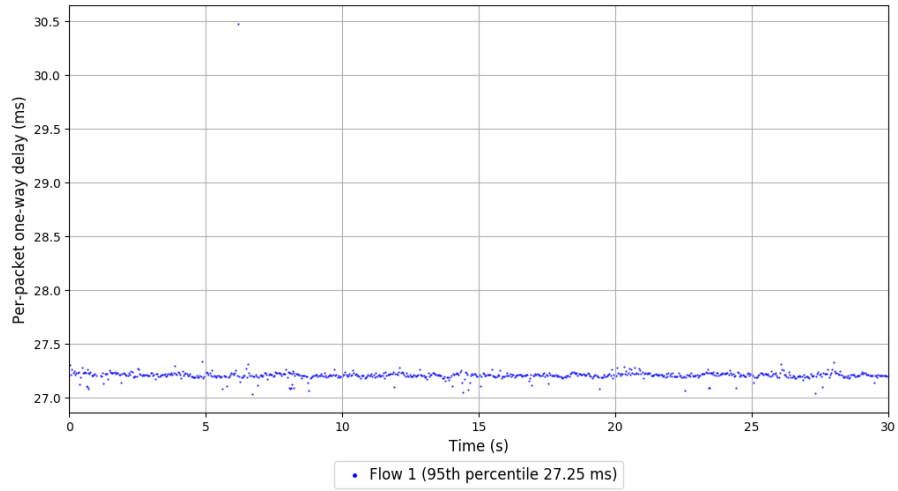
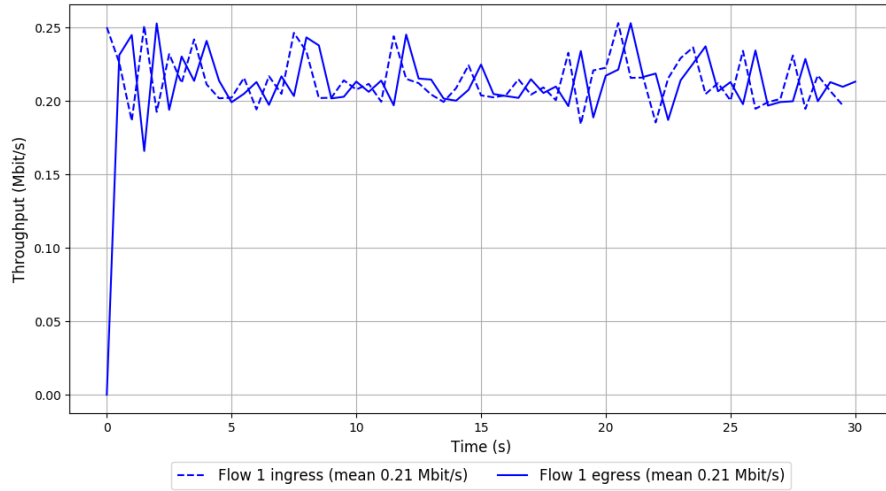


Run 3: Statistics of SCReAM

Start at: 2019-05-29 20:34:35
End at: 2019-05-29 20:35:05
Local clock offset: 0.904 ms
Remote clock offset: -2.413 ms

Below is generated by plot.py at 2019-05-29 21:45:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 27.249 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 27.249 ms
Loss rate: 0.00%

Run 3: Report of SCReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-05-29 21:00:02

End at: 2019-05-29 21:00:32

Local clock offset: 0.546 ms

Remote clock offset: -2.227 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 27.329 ms

Loss rate: 0.00%

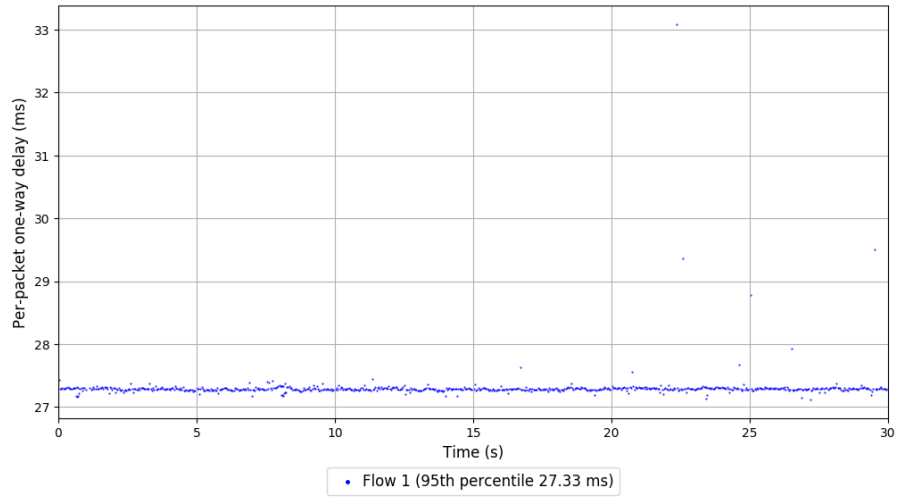
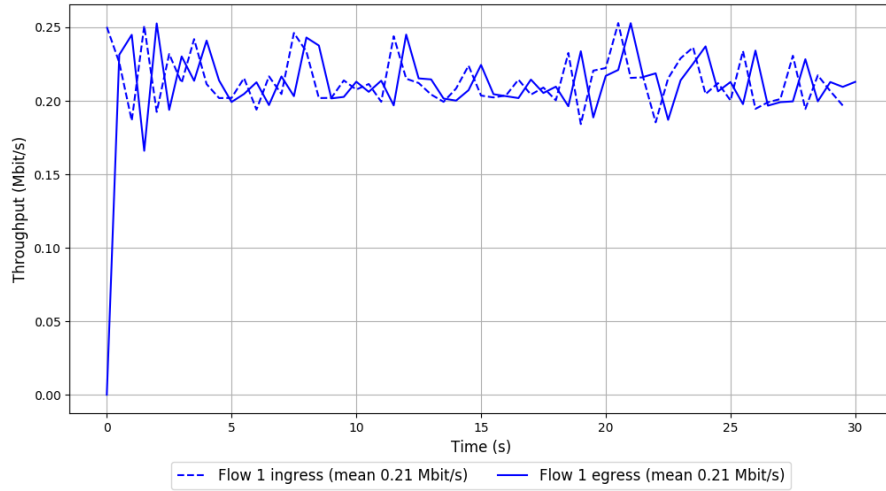
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 27.329 ms

Loss rate: 0.00%

Run 4: Report of SCReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-05-29 21:25:26

End at: 2019-05-29 21:25:57

Local clock offset: 0.326 ms

Remote clock offset: -2.48 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 27.095 ms

Loss rate: 0.28%

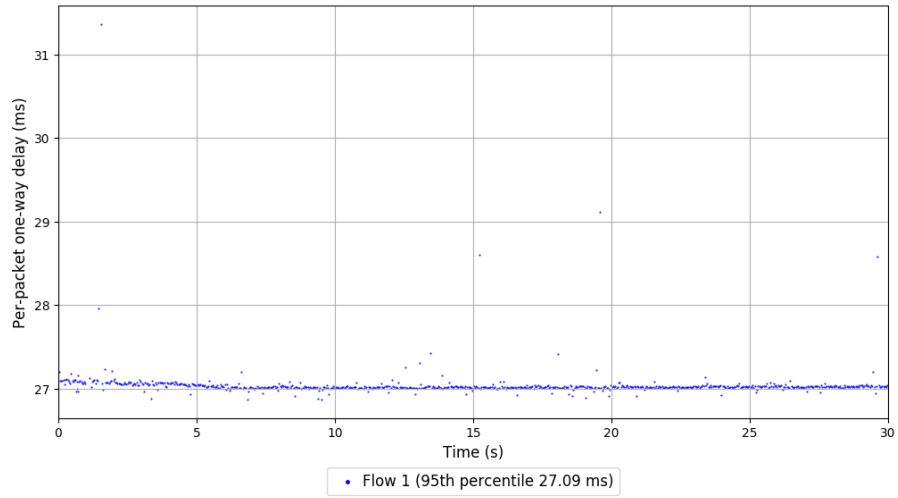
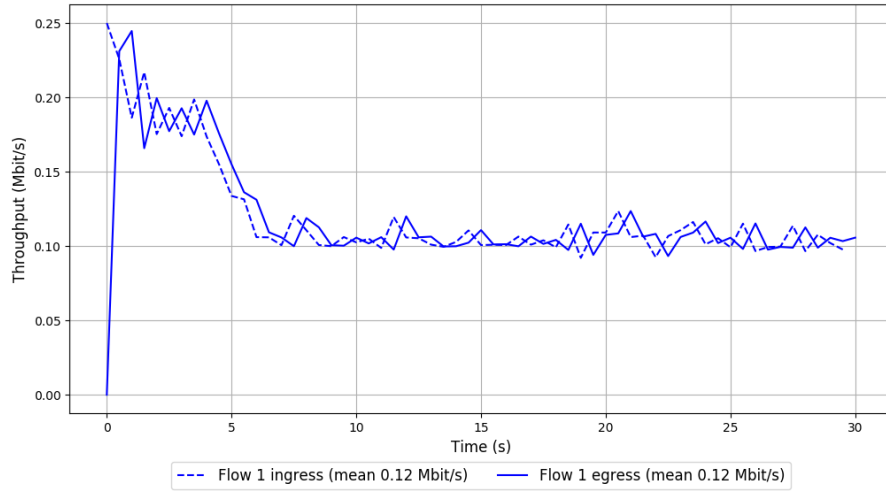
-- Flow 1:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 27.095 ms

Loss rate: 0.28%

Run 5: Report of SCReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-05-29 19:32:25

End at: 2019-05-29 19:32:55

Local clock offset: 1.568 ms

Remote clock offset: -3.296 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.90 Mbit/s

95th percentile per-packet one-way delay: 33.061 ms

Loss rate: 0.05%

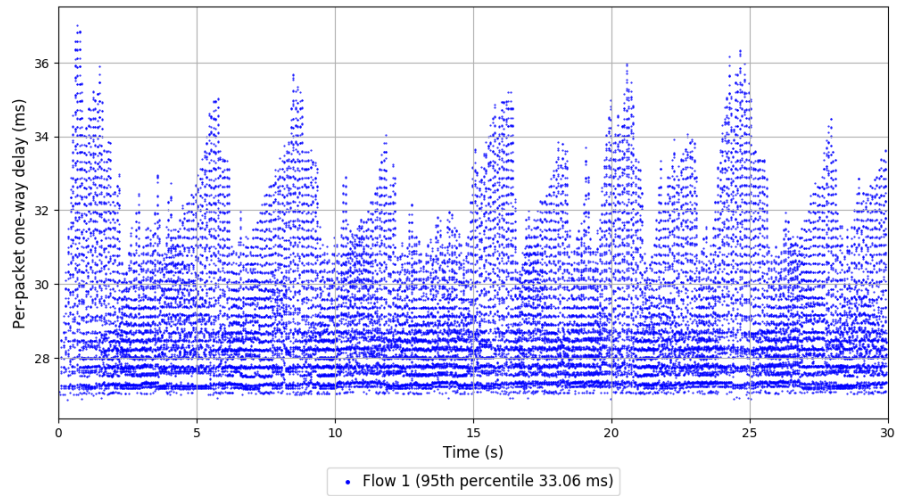
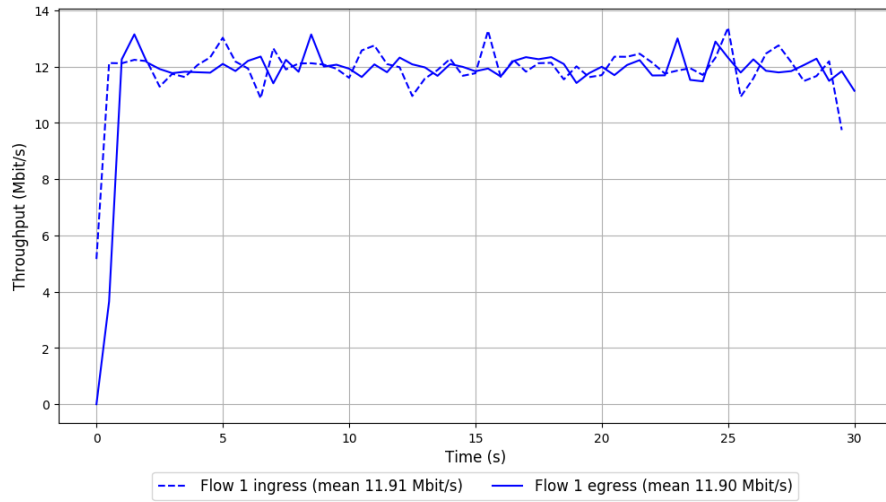
-- Flow 1:

Average throughput: 11.90 Mbit/s

95th percentile per-packet one-way delay: 33.061 ms

Loss rate: 0.05%

Run 1: Report of Sprout — Data Link

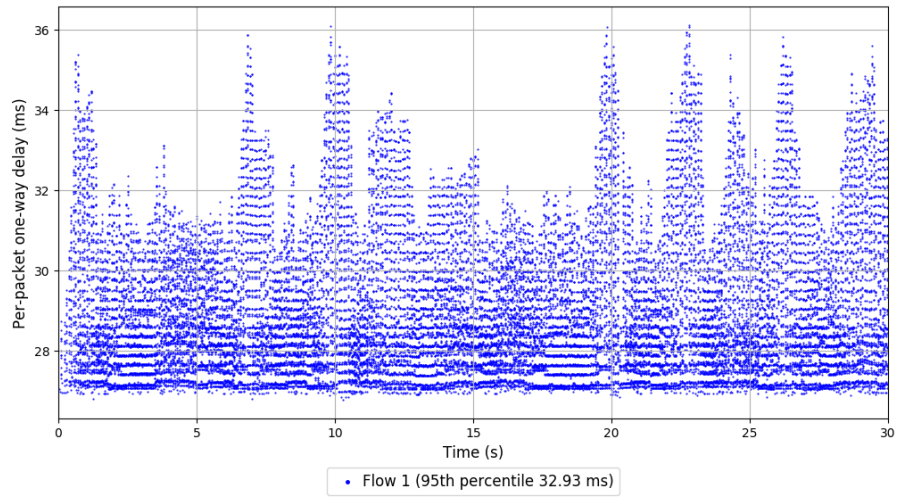
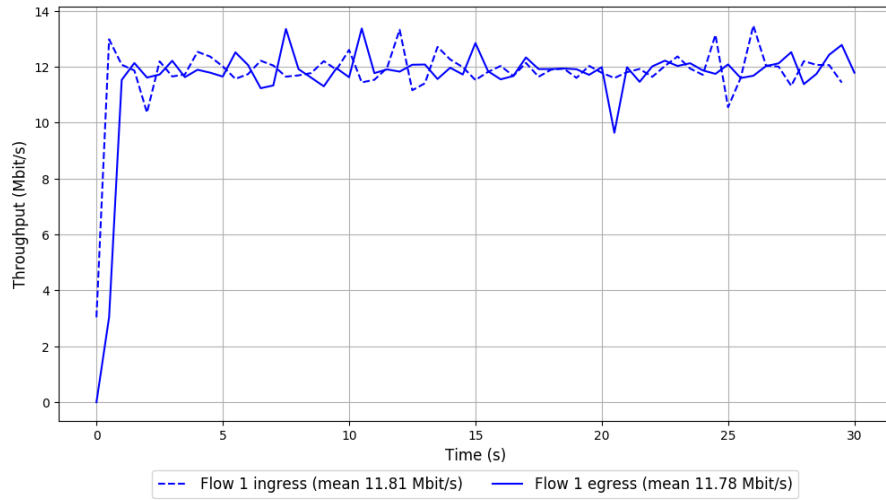


Run 2: Statistics of Sprout

Start at: 2019-05-29 19:57:33
End at: 2019-05-29 19:58:03
Local clock offset: 1.056 ms
Remote clock offset: -2.957 ms

Below is generated by plot.py at 2019-05-29 21:45:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 32.926 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 32.926 ms
Loss rate: 0.24%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

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

End at: 2019-05-29 20:22:52

Local clock offset: 0.741 ms

Remote clock offset: -2.589 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.77 Mbit/s

95th percentile per-packet one-way delay: 32.889 ms

Loss rate: 0.02%

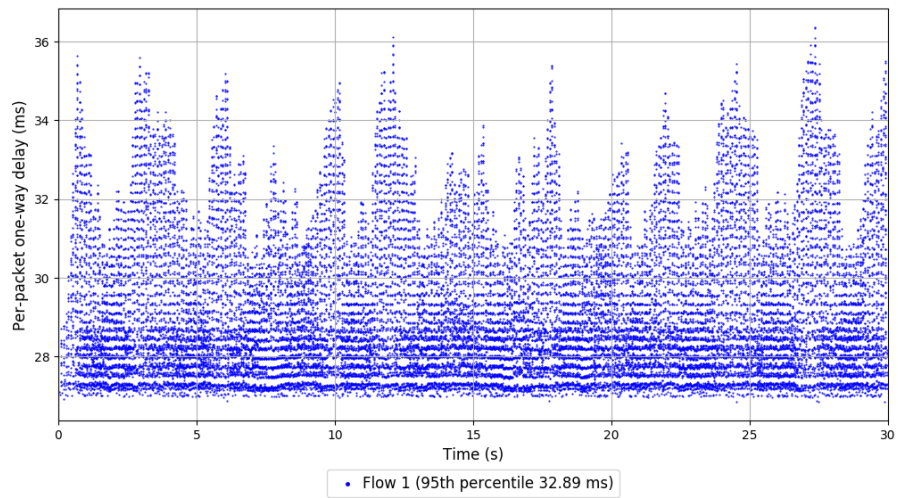
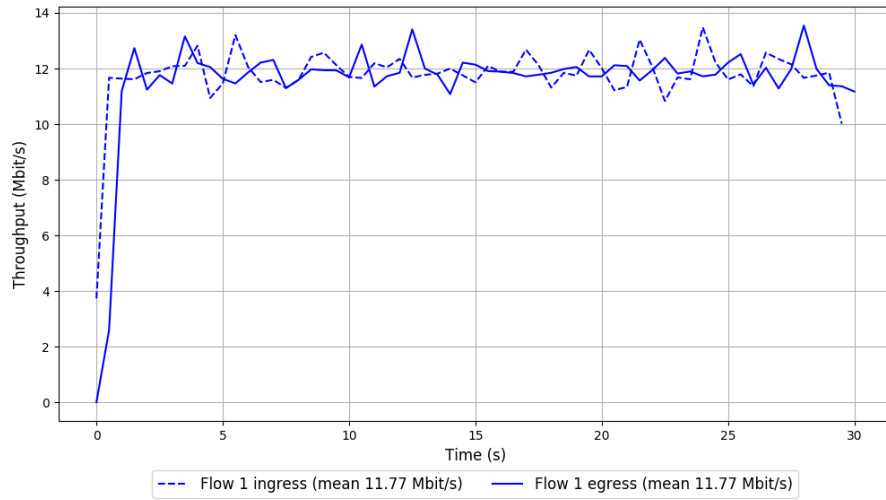
-- Flow 1:

Average throughput: 11.77 Mbit/s

95th percentile per-packet one-way delay: 32.889 ms

Loss rate: 0.02%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-05-29 20:48:03

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

Local clock offset: 0.51 ms

Remote clock offset: -2.32 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.72 Mbit/s

95th percentile per-packet one-way delay: 32.430 ms

Loss rate: 0.30%

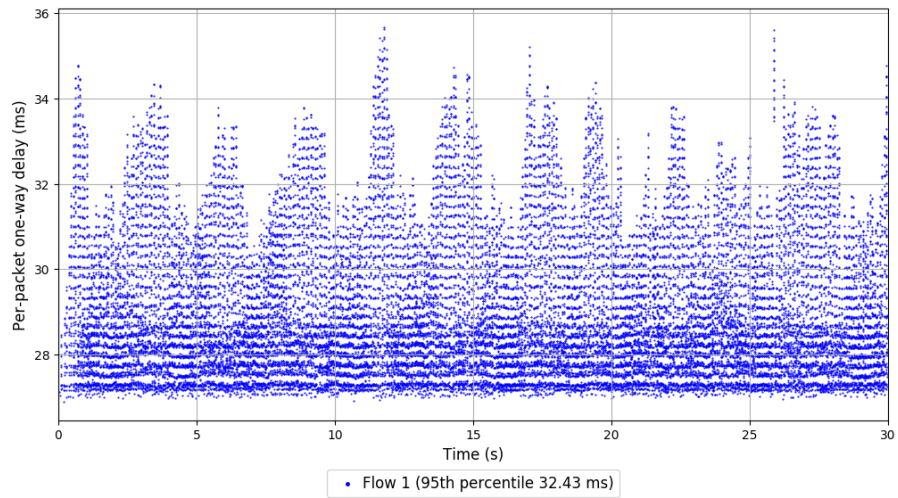
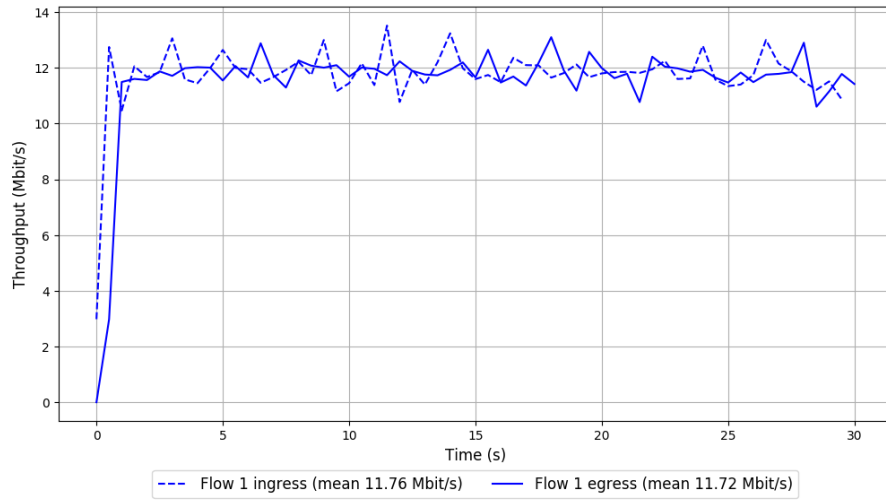
-- Flow 1:

Average throughput: 11.72 Mbit/s

95th percentile per-packet one-way delay: 32.430 ms

Loss rate: 0.30%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-05-29 21:13:24

End at: 2019-05-29 21:13:54

Local clock offset: 0.4 ms

Remote clock offset: -2.346 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.69 Mbit/s

95th percentile per-packet one-way delay: 32.792 ms

Loss rate: 0.28%

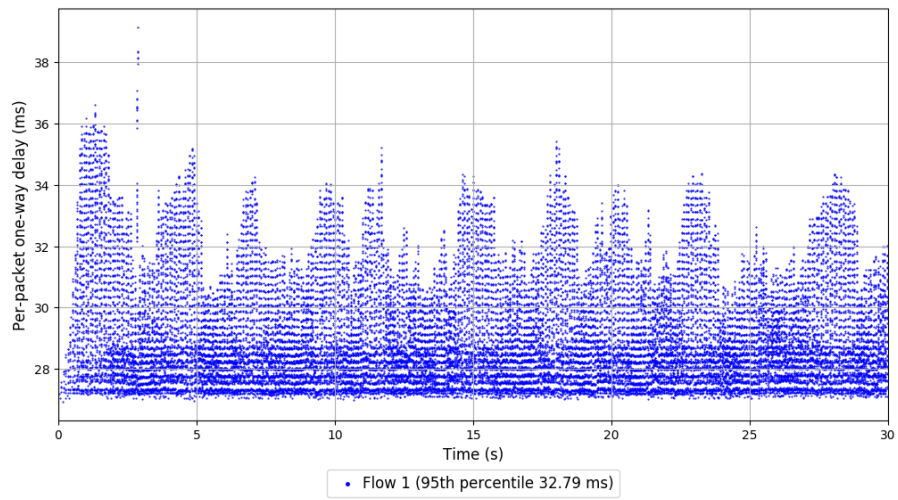
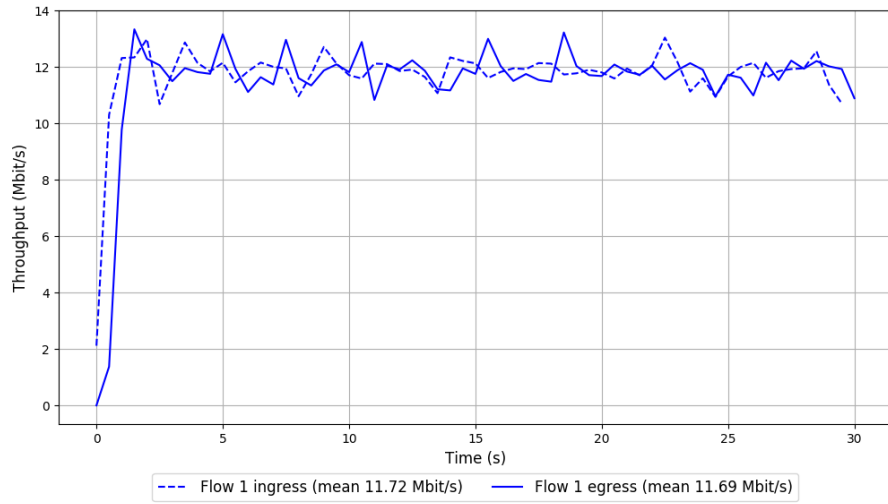
-- Flow 1:

Average throughput: 11.69 Mbit/s

95th percentile per-packet one-way delay: 32.792 ms

Loss rate: 0.28%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

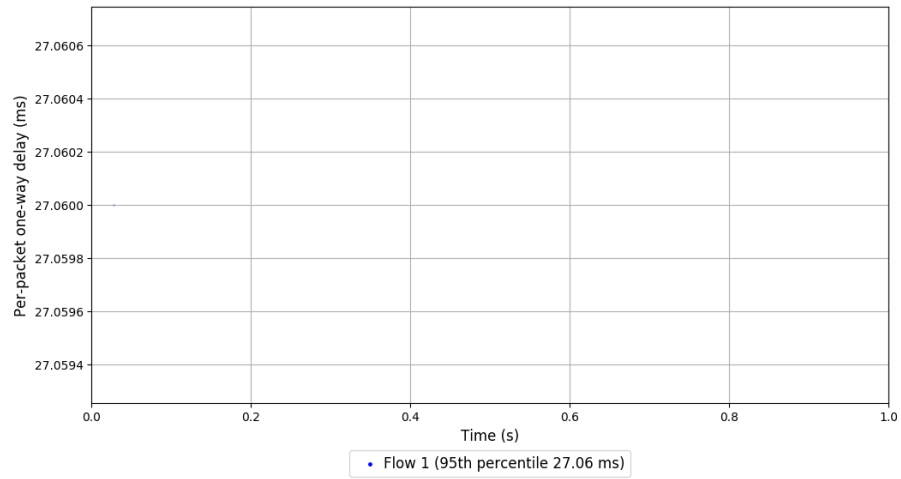
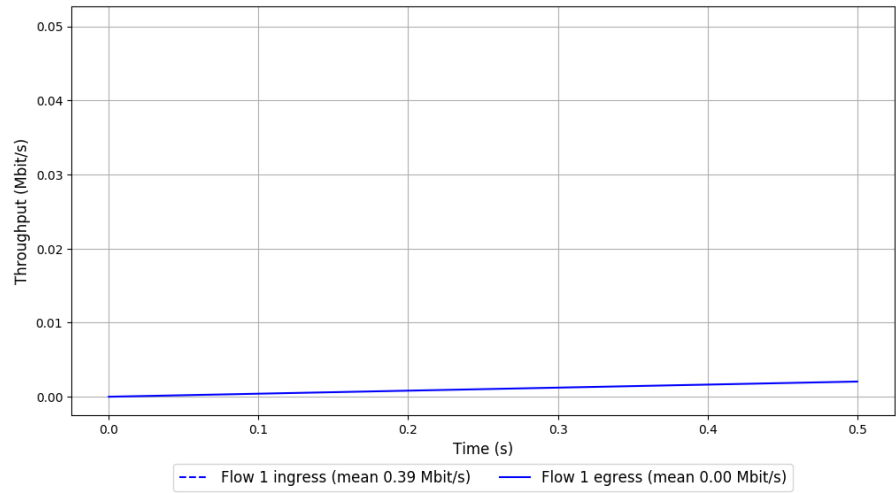
Start at: 2019-05-29 19:48:01

End at: 2019-05-29 19:48:31

Local clock offset: 1.044 ms

Remote clock offset: -3.031 ms

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



Run 2: Statistics of TaoVA-100x

Start at: 2019-05-29 20:12:53

End at: 2019-05-29 20:13:23

Local clock offset: 0.869 ms

Remote clock offset: -2.498 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 27.277 ms

Loss rate: 77.45%

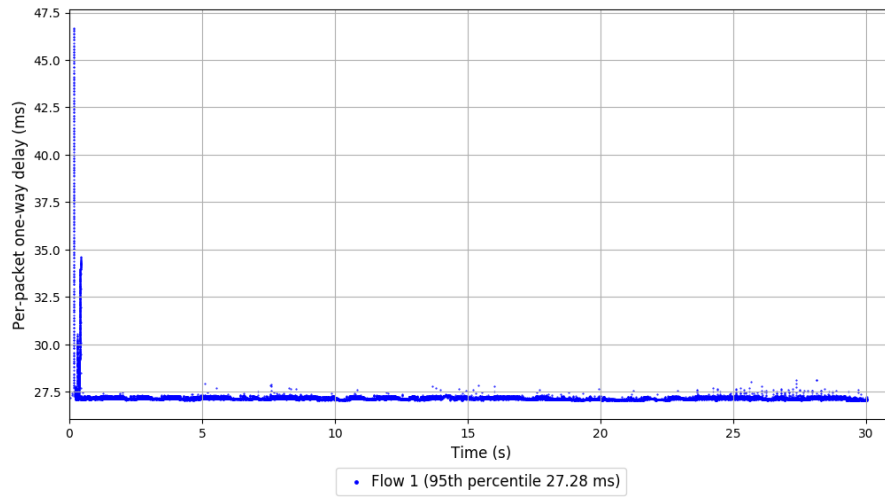
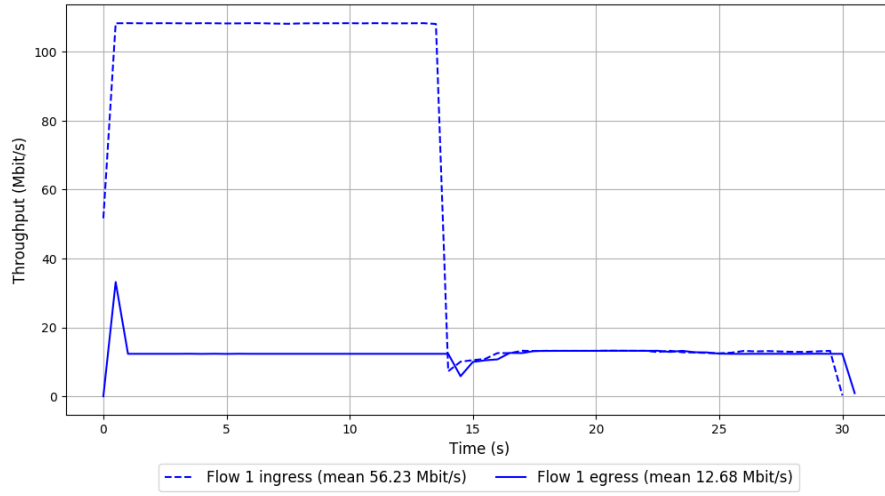
-- Flow 1:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 27.277 ms

Loss rate: 77.45%

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



Run 3: Statistics of TaoVA-100x

Start at: 2019-05-29 20:38:10

End at: 2019-05-29 20:38:40

Local clock offset: 0.928 ms

Remote clock offset: -2.548 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 27.137 ms

Loss rate: 77.48%

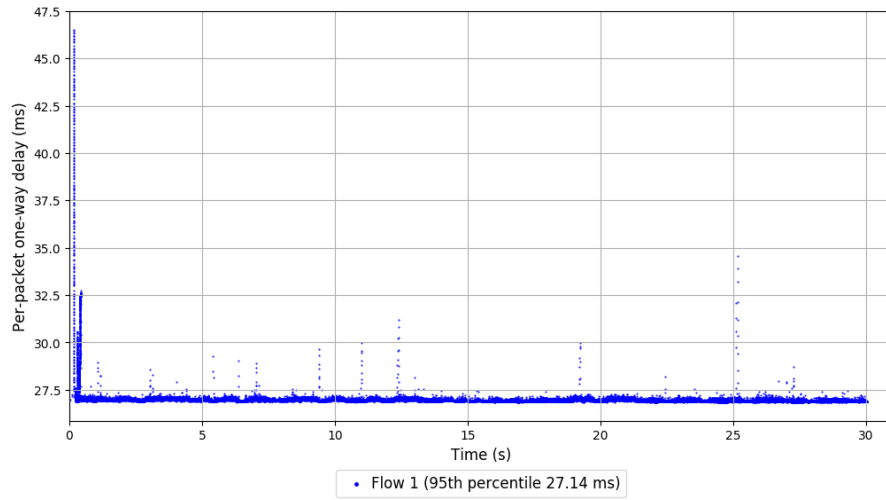
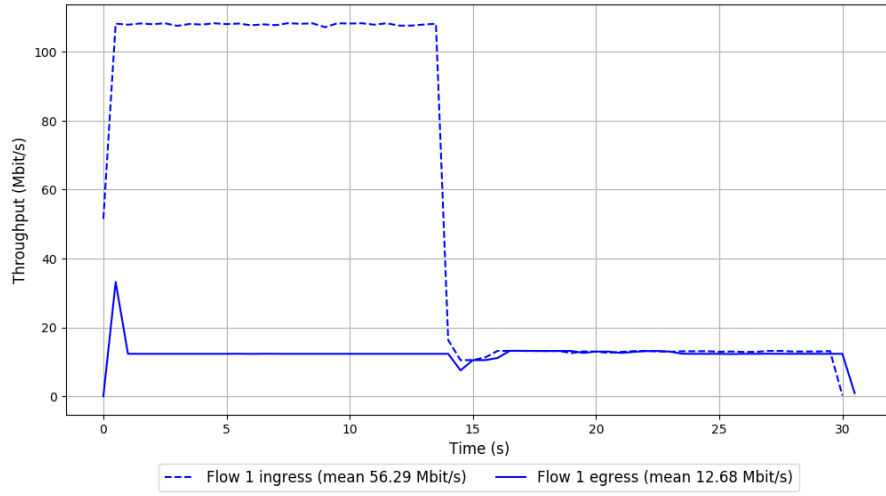
-- Flow 1:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 27.137 ms

Loss rate: 77.48%

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



Run 4: Statistics of TaoVA-100x

Start at: 2019-05-29 21:03:36

End at: 2019-05-29 21:04:06

Local clock offset: 0.583 ms

Remote clock offset: -2.342 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 27.344 ms

Loss rate: 80.07%

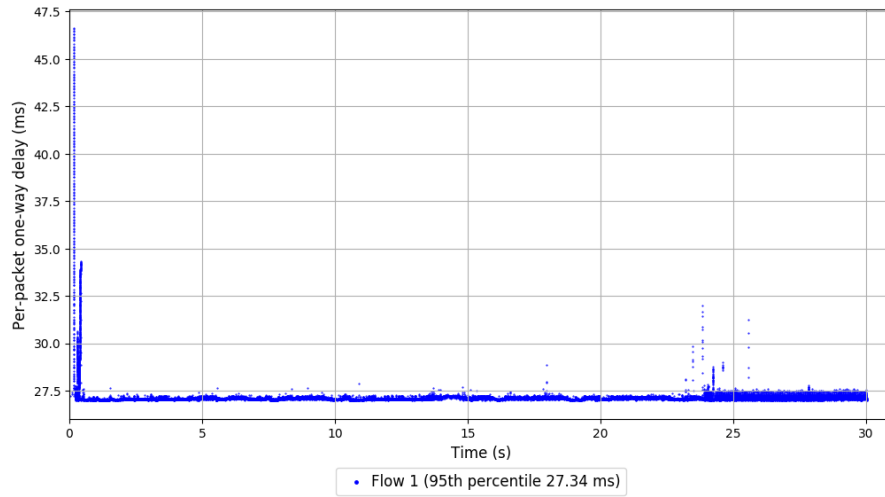
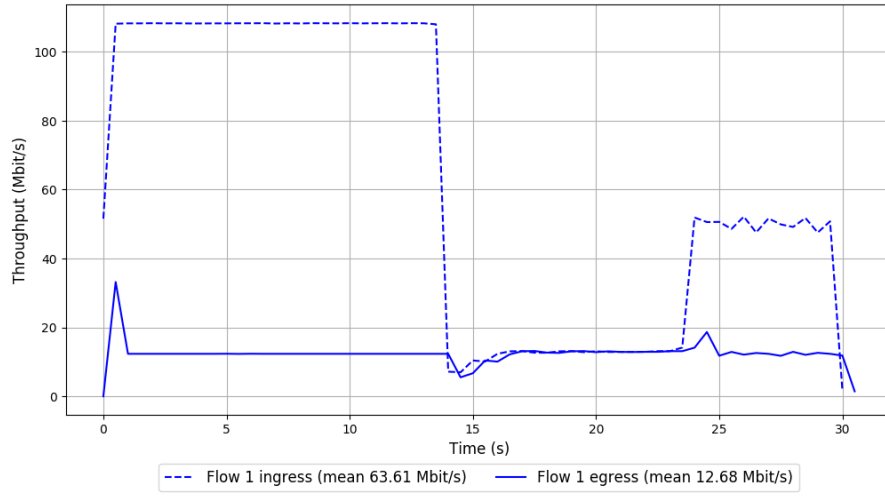
-- Flow 1:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 27.344 ms

Loss rate: 80.07%

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



Run 5: Statistics of TaoVA-100x

Start at: 2019-05-29 21:29:00

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

Local clock offset: 0.286 ms

Remote clock offset: -2.617 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.37 Mbit/s

95th percentile per-packet one-way delay: 27.251 ms

Loss rate: 63.49%

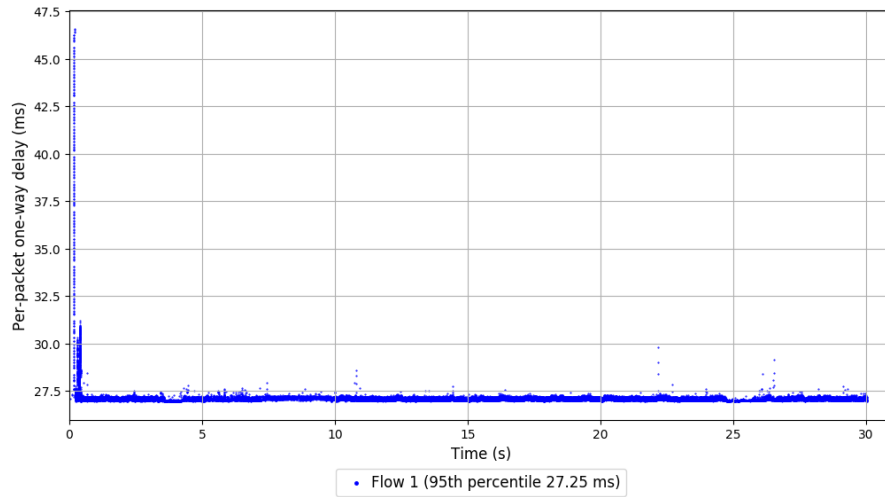
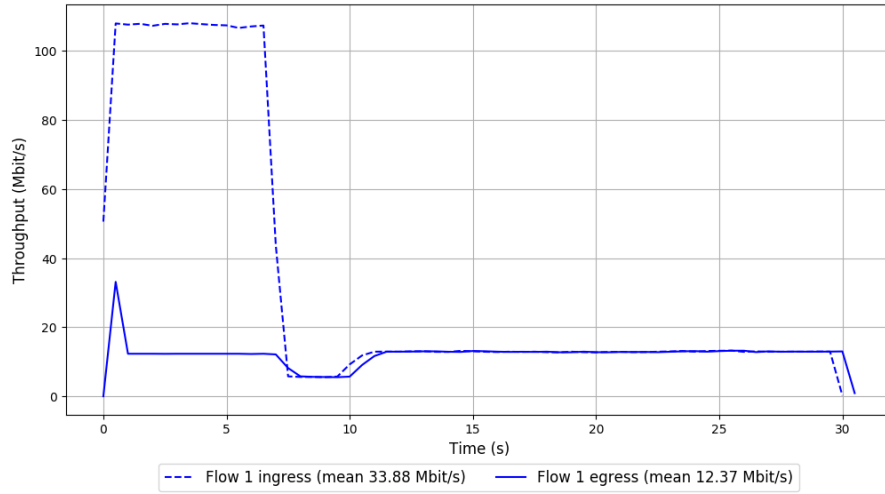
-- Flow 1:

Average throughput: 12.37 Mbit/s

95th percentile per-packet one-way delay: 27.251 ms

Loss rate: 63.49%

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



Run 1: Statistics of TCP Vegas

Start at: 2019-05-29 19:40:33
End at: 2019-05-29 19:41:03
Local clock offset: 1.405 ms
Remote clock offset: -3.172 ms

Below is generated by plot.py at 2019-05-29 21:45:30

Datalink statistics

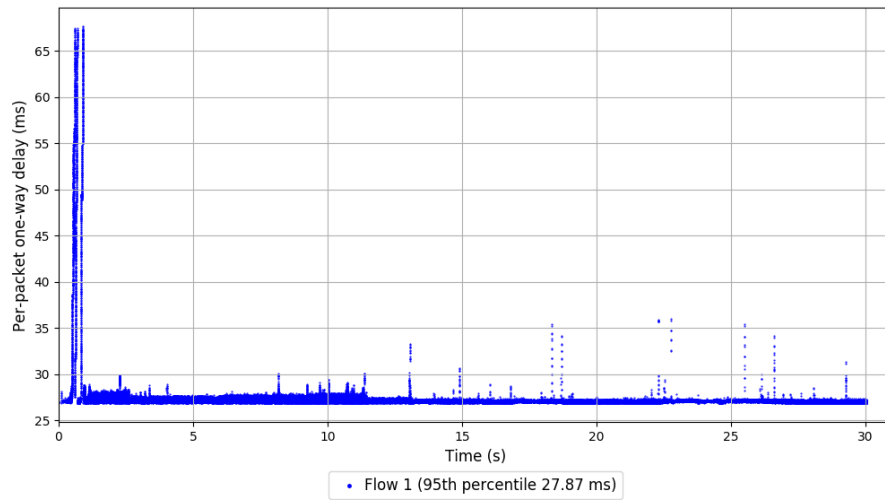
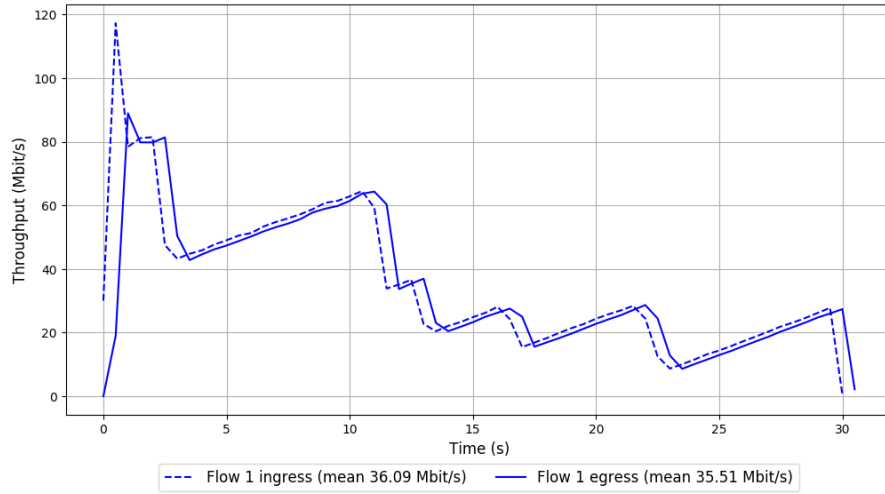
-- Total of 1 flow:

Average throughput: 35.51 Mbit/s
95th percentile per-packet one-way delay: 27.871 ms
Loss rate: 1.63%

-- Flow 1:

Average throughput: 35.51 Mbit/s
95th percentile per-packet one-way delay: 27.871 ms
Loss rate: 1.63%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

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

End at: 2019-05-29 20:06:14

Local clock offset: 1.249 ms

Remote clock offset: -2.765 ms

Below is generated by plot.py at 2019-05-29 21:45:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.16 Mbit/s

95th percentile per-packet one-way delay: 28.703 ms

Loss rate: 0.97%

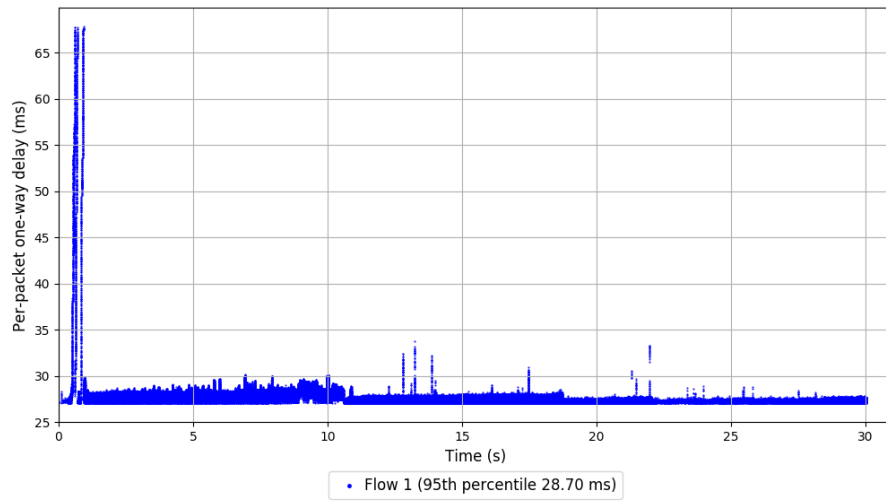
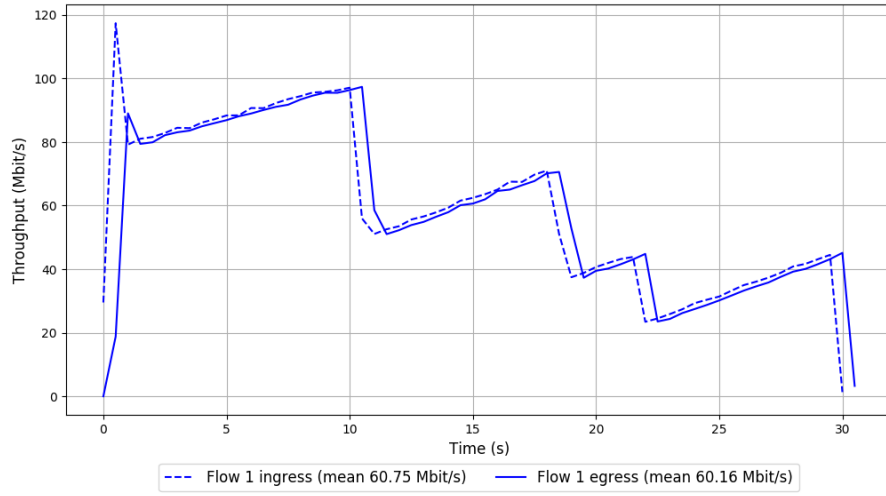
-- Flow 1:

Average throughput: 60.16 Mbit/s

95th percentile per-packet one-way delay: 28.703 ms

Loss rate: 0.97%

Run 2: Report of TCP Vegas — Data Link

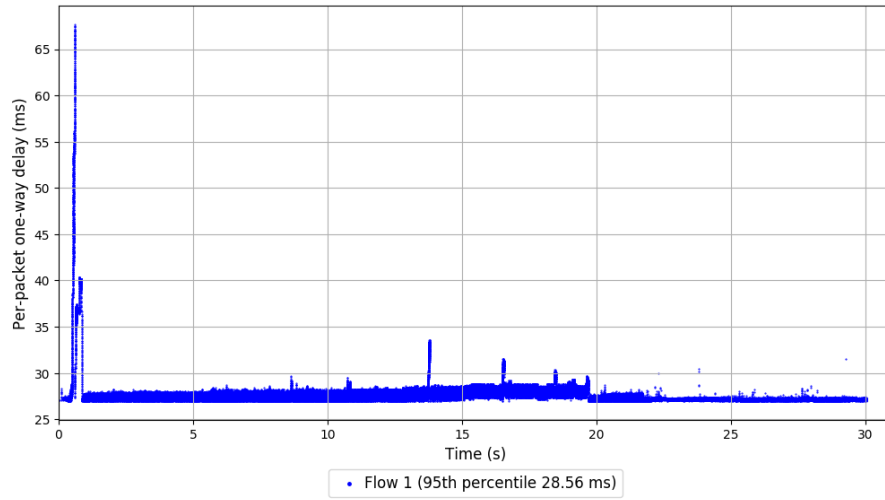
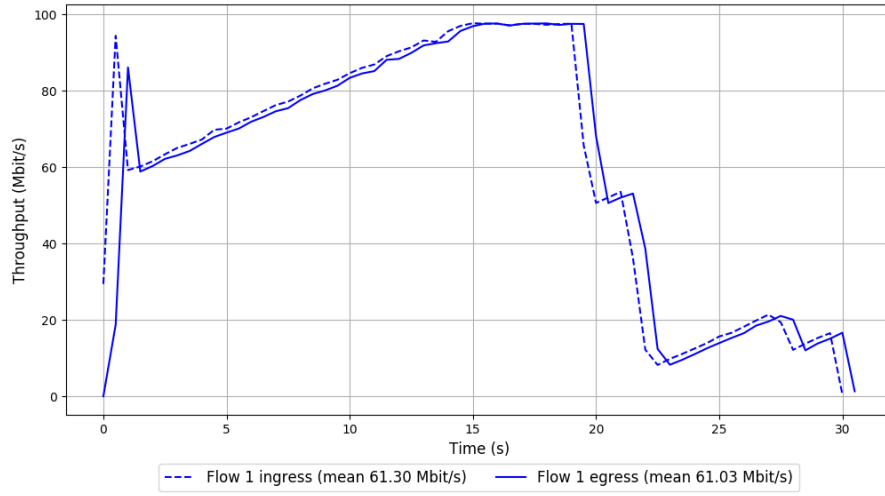


Run 3: Statistics of TCP Vegas

Start at: 2019-05-29 20:30:50
End at: 2019-05-29 20:31:21
Local clock offset: 0.811 ms
Remote clock offset: -2.643 ms

Below is generated by plot.py at 2019-05-29 21:45:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.03 Mbit/s
95th percentile per-packet one-way delay: 28.556 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 61.03 Mbit/s
95th percentile per-packet one-way delay: 28.556 ms
Loss rate: 0.44%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-05-29 20:56:22

End at: 2019-05-29 20:56:52

Local clock offset: 0.477 ms

Remote clock offset: -2.369 ms

Below is generated by plot.py at 2019-05-29 21:46:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.90 Mbit/s

95th percentile per-packet one-way delay: 38.112 ms

Loss rate: 0.33%

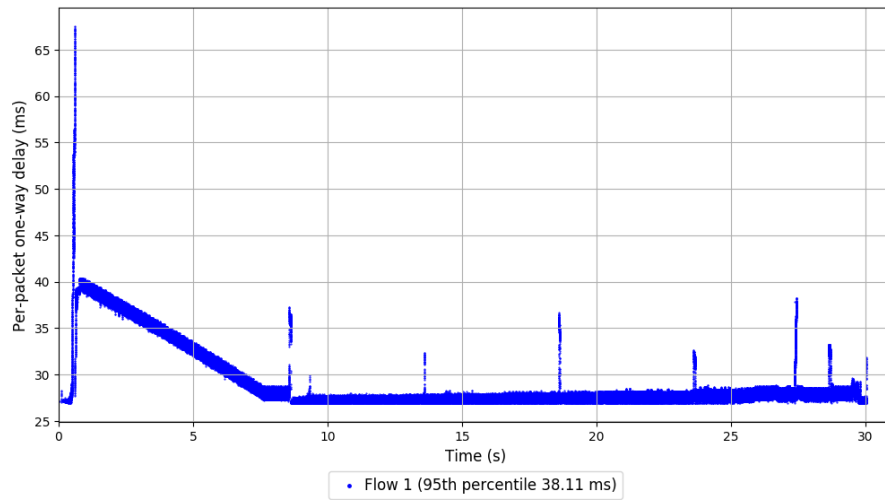
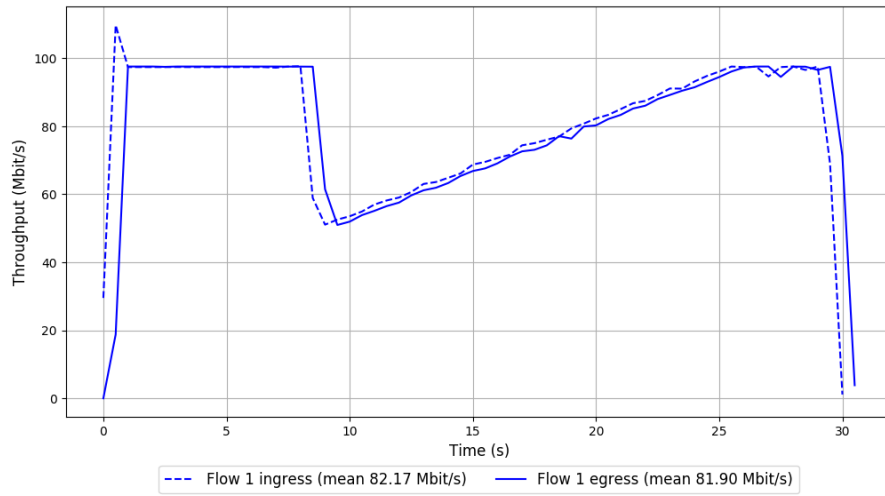
-- Flow 1:

Average throughput: 81.90 Mbit/s

95th percentile per-packet one-way delay: 38.112 ms

Loss rate: 0.33%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

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

End at: 2019-05-29 21:22:16

Local clock offset: 0.297 ms

Remote clock offset: -2.409 ms

Below is generated by plot.py at 2019-05-29 21:46:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.13 Mbit/s

95th percentile per-packet one-way delay: 31.208 ms

Loss rate: 0.55%

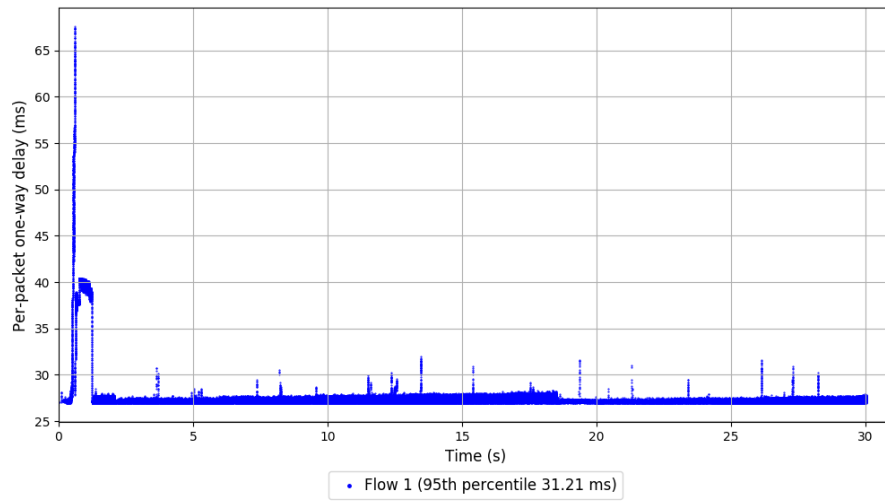
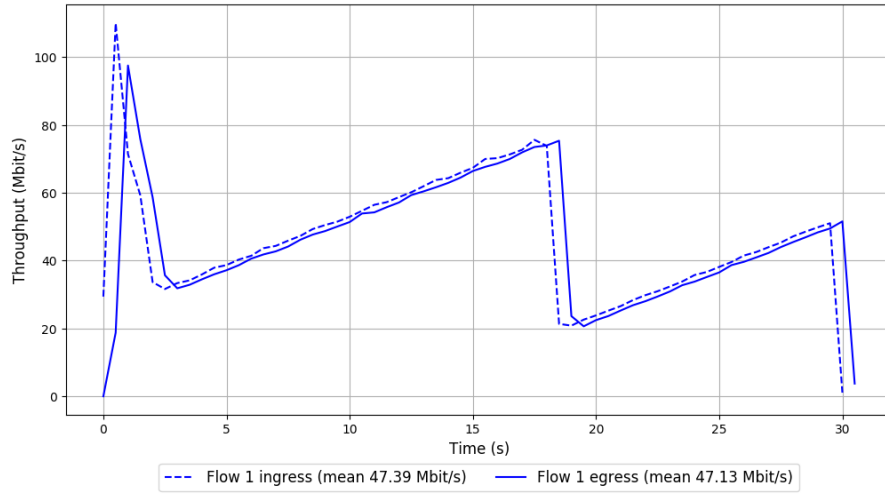
-- Flow 1:

Average throughput: 47.13 Mbit/s

95th percentile per-packet one-way delay: 31.208 ms

Loss rate: 0.55%

Run 5: Report of TCP Vegas — Data Link

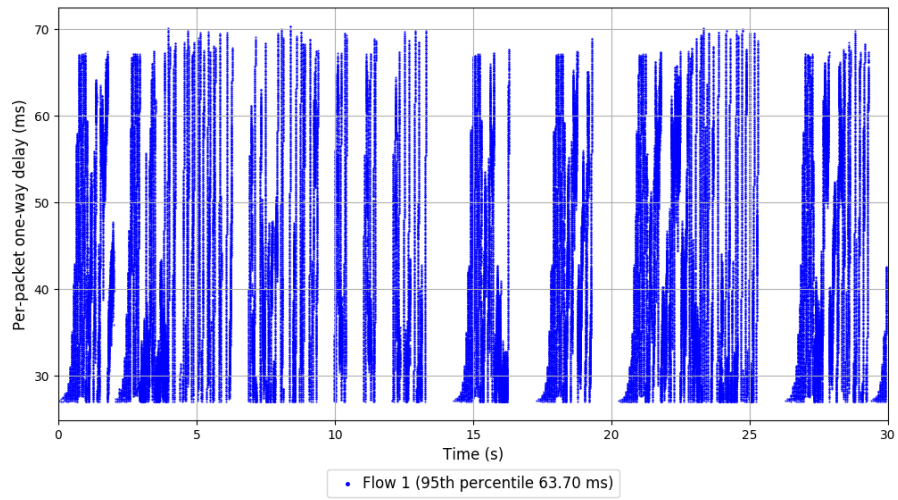
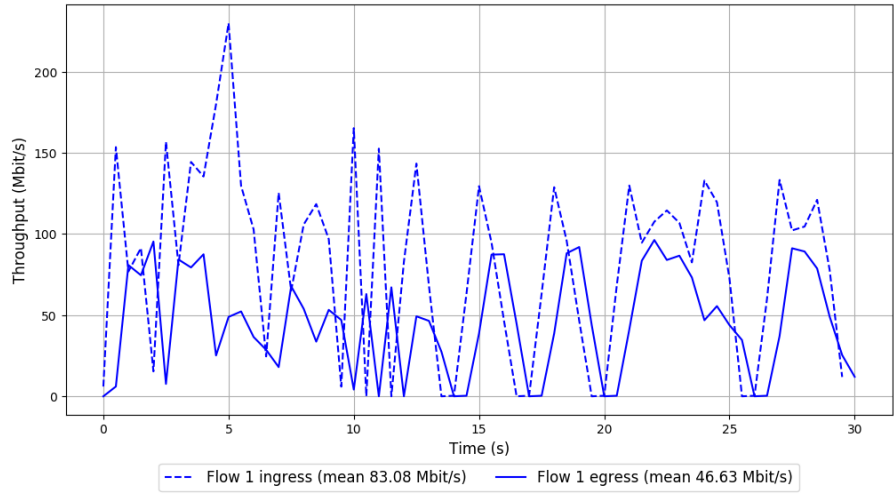


Run 1: Statistics of Verus

Start at: 2019-05-29 19:46:47
End at: 2019-05-29 19:47:17
Local clock offset: 1.061 ms
Remote clock offset: -2.957 ms

Below is generated by plot.py at 2019-05-29 21:46:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.63 Mbit/s
95th percentile per-packet one-way delay: 63.702 ms
Loss rate: 43.84%
-- Flow 1:
Average throughput: 46.63 Mbit/s
95th percentile per-packet one-way delay: 63.702 ms
Loss rate: 43.84%

Run 1: Report of Verus — Data Link

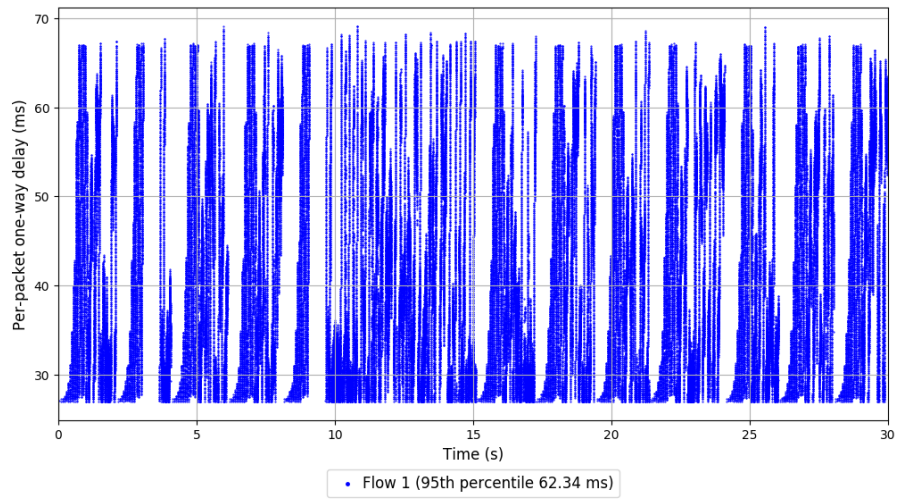
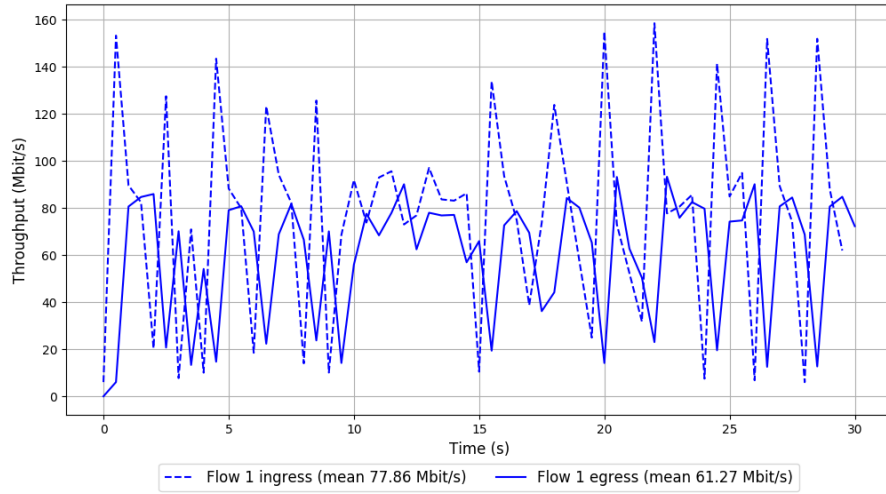


Run 2: Statistics of Verus

Start at: 2019-05-29 20:11:40
End at: 2019-05-29 20:12:10
Local clock offset: 0.941 ms
Remote clock offset: -2.578 ms

Below is generated by plot.py at 2019-05-29 21:46:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.27 Mbit/s
95th percentile per-packet one-way delay: 62.337 ms
Loss rate: 21.23%
-- Flow 1:
Average throughput: 61.27 Mbit/s
95th percentile per-packet one-way delay: 62.337 ms
Loss rate: 21.23%

Run 2: Report of Verus — Data Link

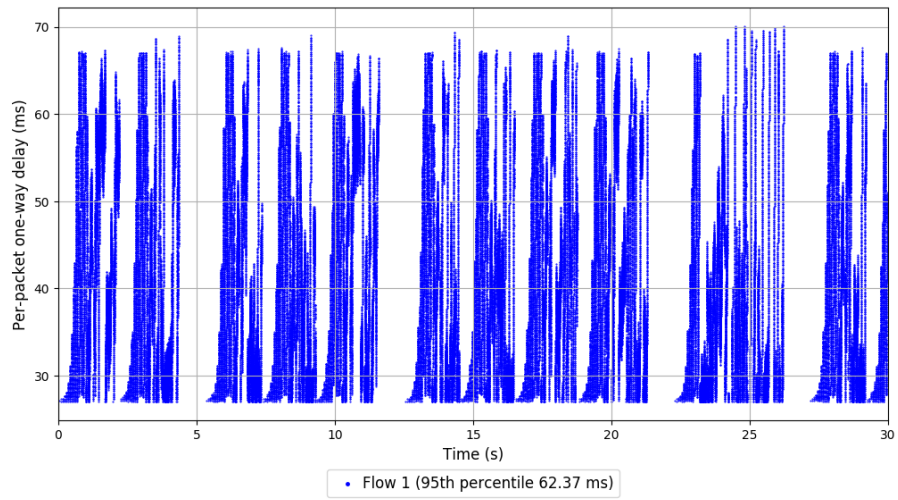
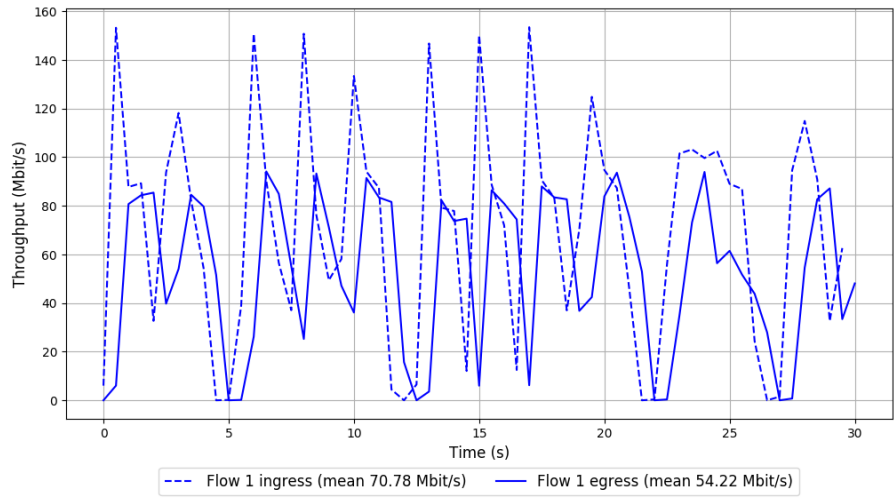


Run 3: Statistics of Verus

Start at: 2019-05-29 20:36:57
End at: 2019-05-29 20:37:27
Local clock offset: 0.957 ms
Remote clock offset: -2.447 ms

Below is generated by plot.py at 2019-05-29 21:46:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.22 Mbit/s
95th percentile per-packet one-way delay: 62.372 ms
Loss rate: 23.33%
-- Flow 1:
Average throughput: 54.22 Mbit/s
95th percentile per-packet one-way delay: 62.372 ms
Loss rate: 23.33%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-05-29 21:02:23

End at: 2019-05-29 21:02:53

Local clock offset: 0.573 ms

Remote clock offset: -2.375 ms

Below is generated by plot.py at 2019-05-29 21:46:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.19 Mbit/s

95th percentile per-packet one-way delay: 61.965 ms

Loss rate: 21.04%

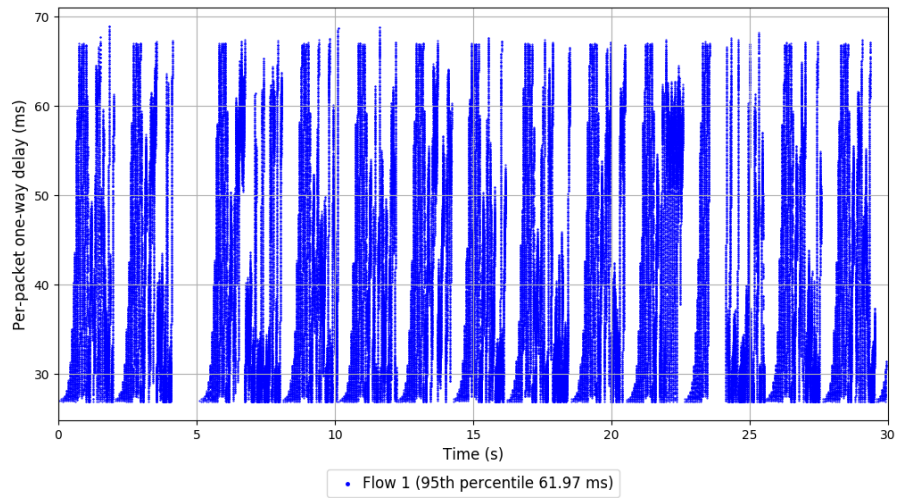
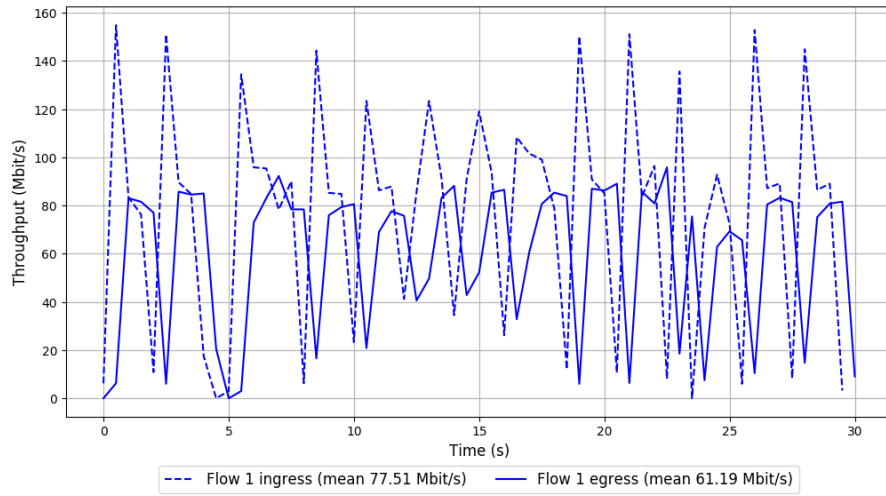
-- Flow 1:

Average throughput: 61.19 Mbit/s

95th percentile per-packet one-way delay: 61.965 ms

Loss rate: 21.04%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-05-29 21:27:47

End at: 2019-05-29 21:28:17

Local clock offset: 0.315 ms

Remote clock offset: -2.494 ms

Below is generated by plot.py at 2019-05-29 21:46:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.61 Mbit/s

95th percentile per-packet one-way delay: 62.966 ms

Loss rate: 34.29%

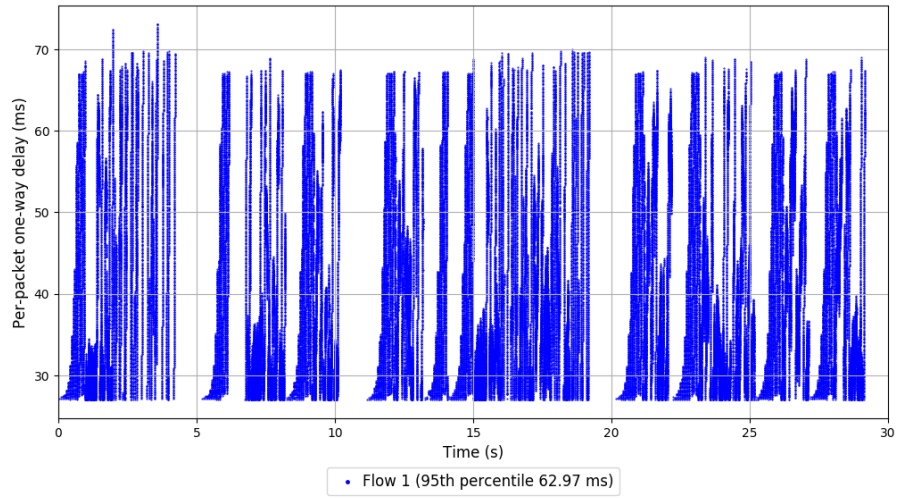
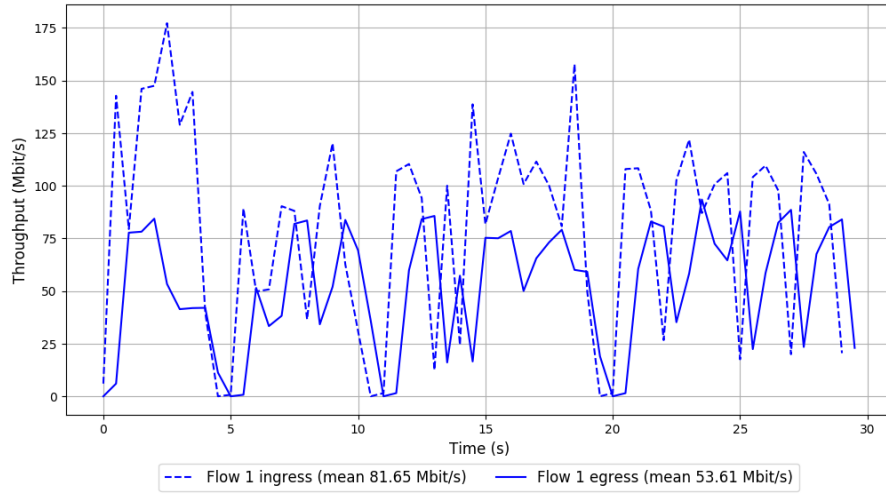
-- Flow 1:

Average throughput: 53.61 Mbit/s

95th percentile per-packet one-way delay: 62.966 ms

Loss rate: 34.29%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

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

End at: 2019-05-29 19:34:02

Local clock offset: 1.6 ms

Remote clock offset: -3.302 ms

Below is generated by plot.py at 2019-05-29 21:46:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.92 Mbit/s

95th percentile per-packet one-way delay: 28.457 ms

Loss rate: 0.01%

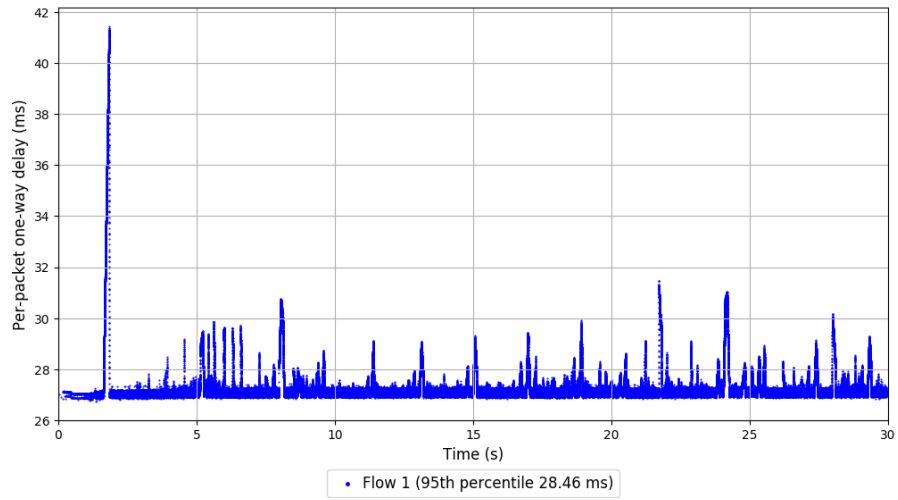
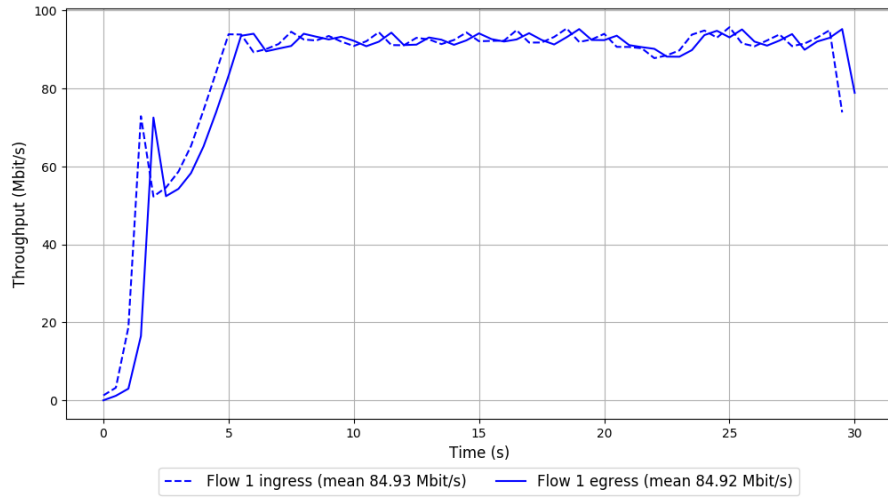
-- Flow 1:

Average throughput: 84.92 Mbit/s

95th percentile per-packet one-way delay: 28.457 ms

Loss rate: 0.01%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-05-29 19:58:40

End at: 2019-05-29 19:59:10

Local clock offset: 1.055 ms

Remote clock offset: -2.886 ms

Below is generated by plot.py at 2019-05-29 21:46:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.40 Mbit/s

95th percentile per-packet one-way delay: 28.806 ms

Loss rate: 0.01%

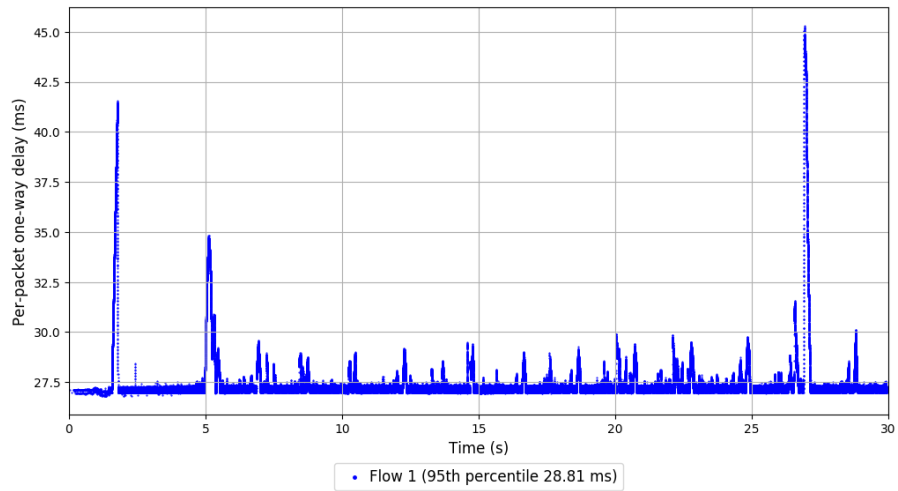
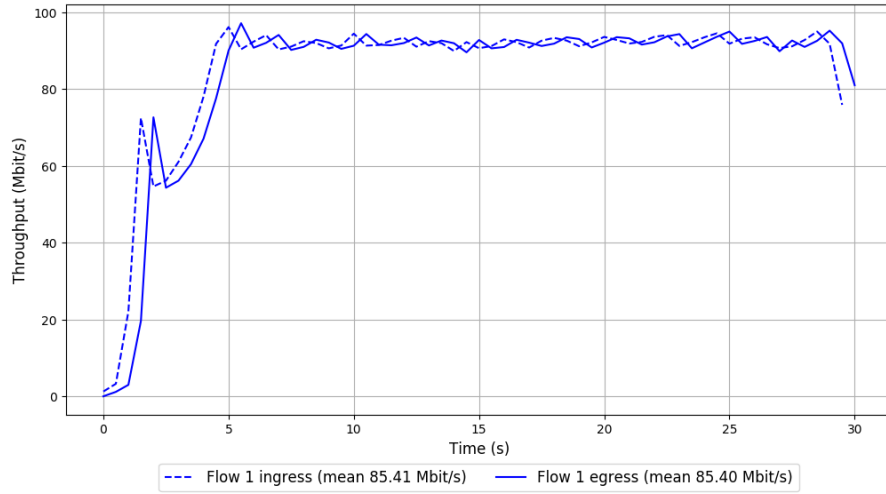
-- Flow 1:

Average throughput: 85.40 Mbit/s

95th percentile per-packet one-way delay: 28.806 ms

Loss rate: 0.01%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-05-29 20:23:31

End at: 2019-05-29 20:24:01

Local clock offset: 0.725 ms

Remote clock offset: -2.652 ms

Below is generated by plot.py at 2019-05-29 21:46:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.83 Mbit/s

95th percentile per-packet one-way delay: 29.473 ms

Loss rate: 0.02%

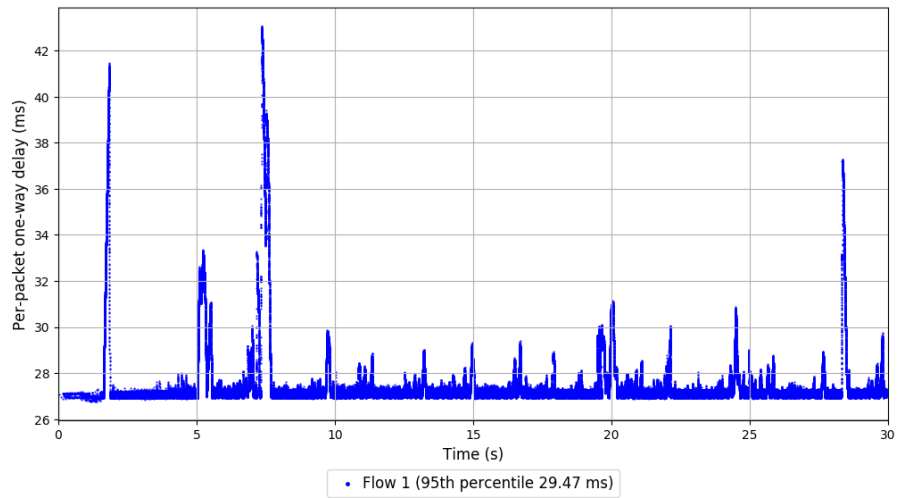
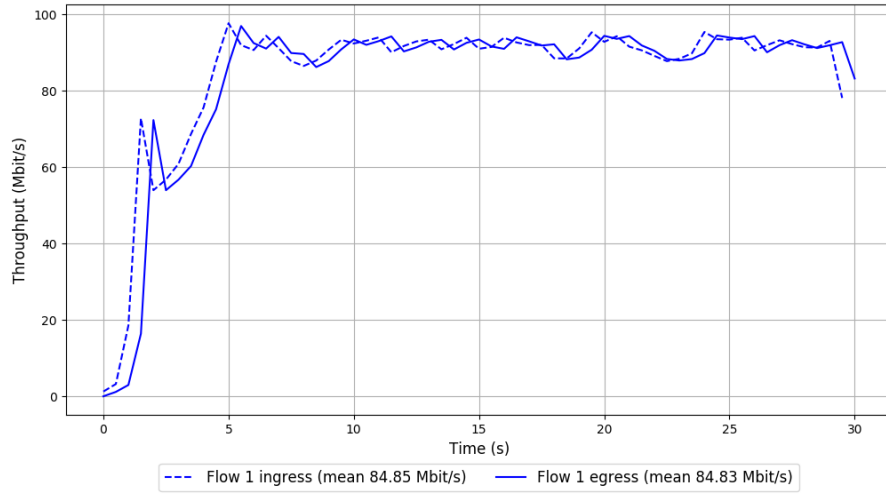
-- Flow 1:

Average throughput: 84.83 Mbit/s

95th percentile per-packet one-way delay: 29.473 ms

Loss rate: 0.02%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-05-29 20:49:10

End at: 2019-05-29 20:49:40

Local clock offset: 0.511 ms

Remote clock offset: -2.373 ms

Below is generated by plot.py at 2019-05-29 21:46:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.87 Mbit/s

95th percentile per-packet one-way delay: 32.652 ms

Loss rate: 0.11%

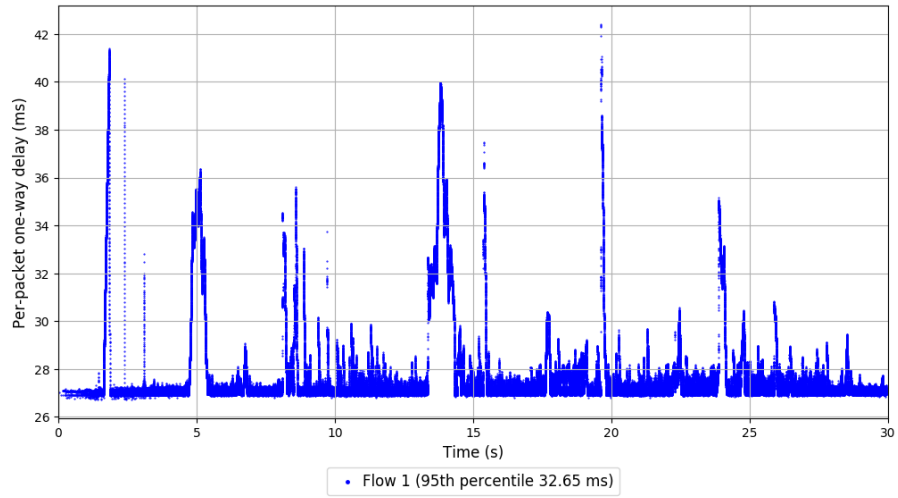
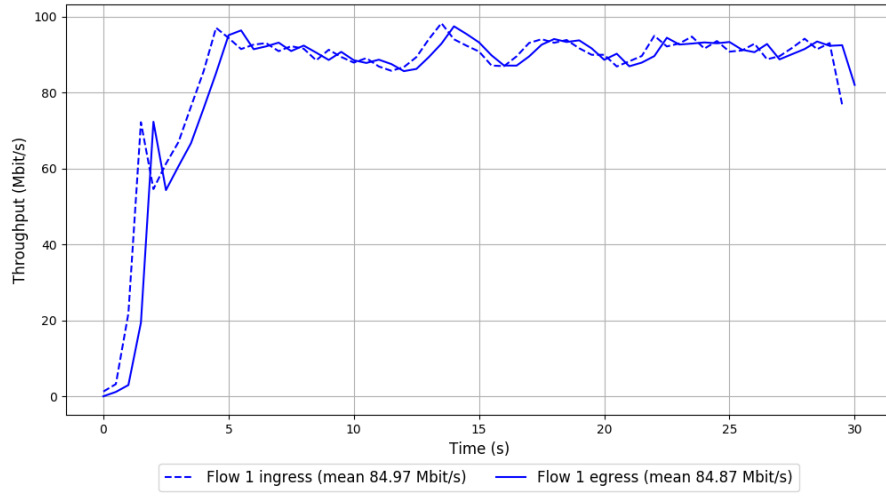
-- Flow 1:

Average throughput: 84.87 Mbit/s

95th percentile per-packet one-way delay: 32.652 ms

Loss rate: 0.11%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-05-29 21:14:32

End at: 2019-05-29 21:15:02

Local clock offset: 0.384 ms

Remote clock offset: -2.376 ms

Below is generated by plot.py at 2019-05-29 21:46:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.62 Mbit/s

95th percentile per-packet one-way delay: 30.968 ms

Loss rate: 0.20%

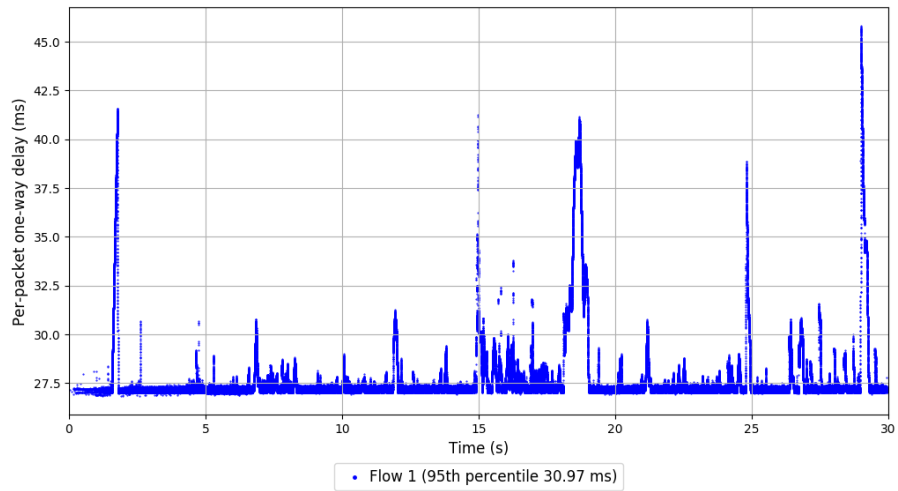
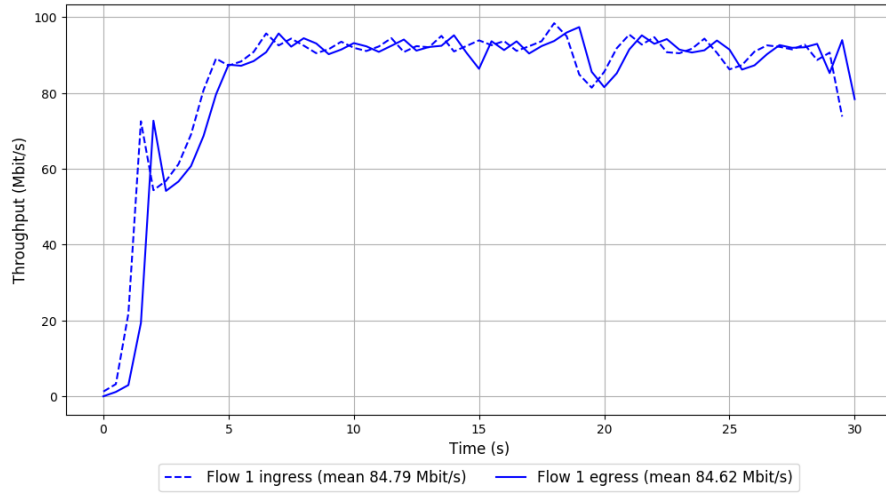
-- Flow 1:

Average throughput: 84.62 Mbit/s

95th percentile per-packet one-way delay: 30.968 ms

Loss rate: 0.20%

Run 5: Report of PCC-Vivace — Data Link

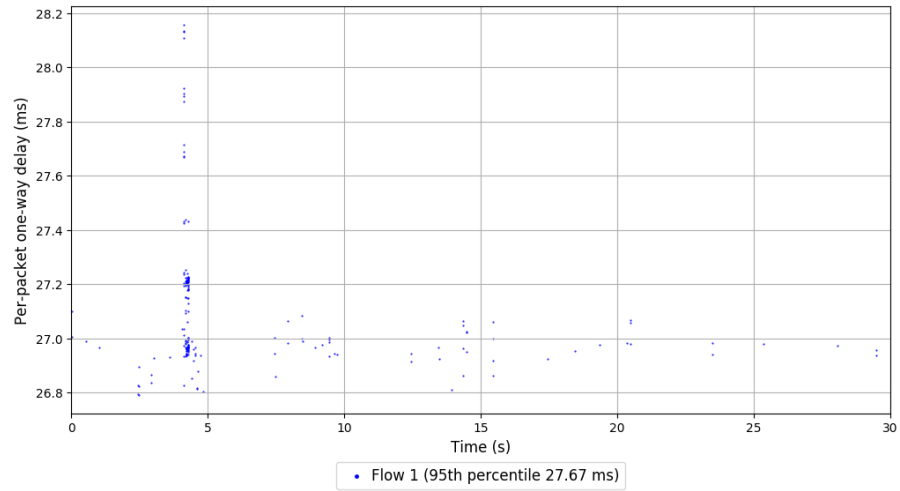
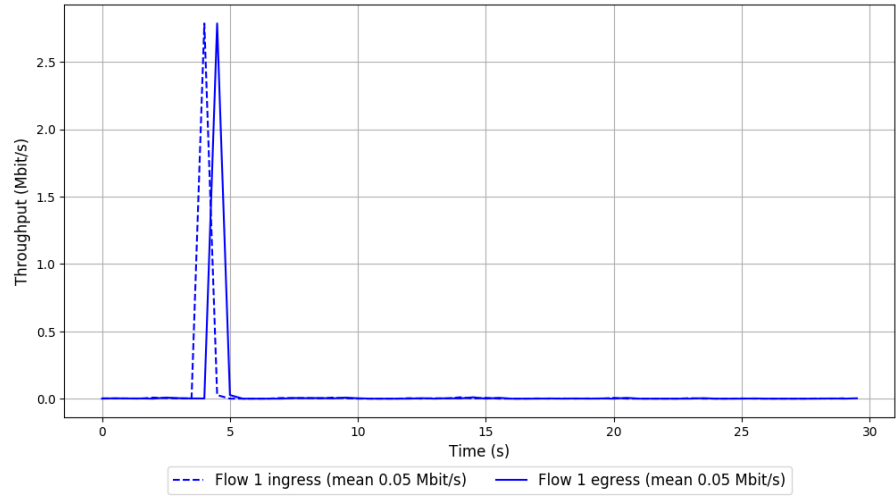


Run 1: Statistics of WebRTC media

Start at: 2019-05-29 19:35:53
End at: 2019-05-29 19:36:23
Local clock offset: 1.708 ms
Remote clock offset: -3.272 ms

Below is generated by plot.py at 2019-05-29 21:46:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 27.672 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 27.672 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-05-29 20:01:08

End at: 2019-05-29 20:01:38

Local clock offset: 1.115 ms

Remote clock offset: -2.8 ms

Below is generated by plot.py at 2019-05-29 21:46:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 27.809 ms

Loss rate: 0.00%

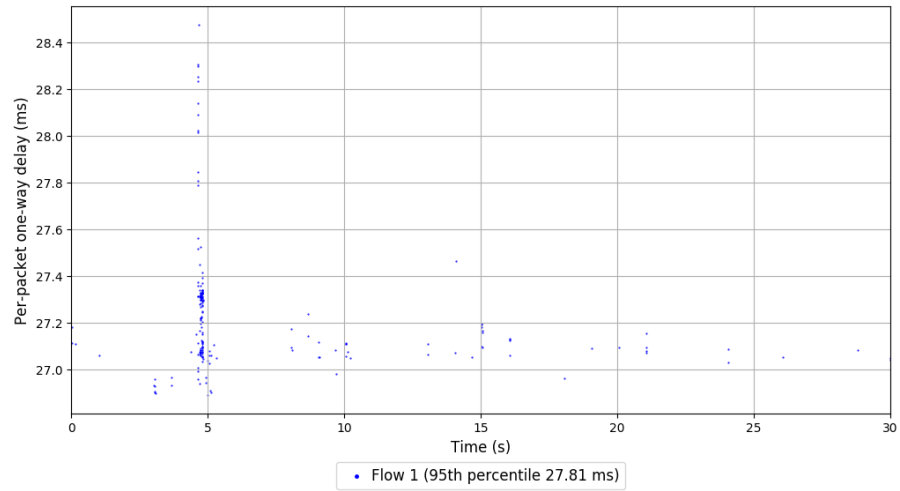
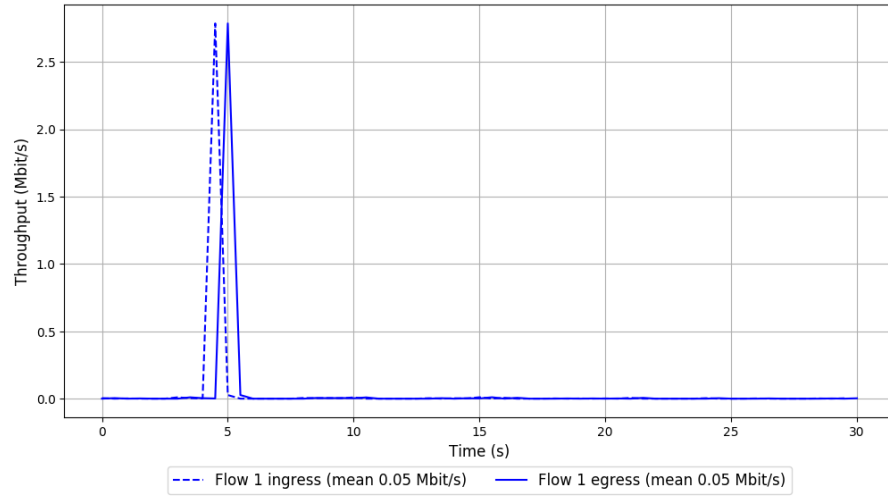
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 27.809 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

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

End at: 2019-05-29 20:26:35

Local clock offset: 0.768 ms

Remote clock offset: -2.631 ms

Below is generated by plot.py at 2019-05-29 21:46:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 27.666 ms

Loss rate: 0.00%

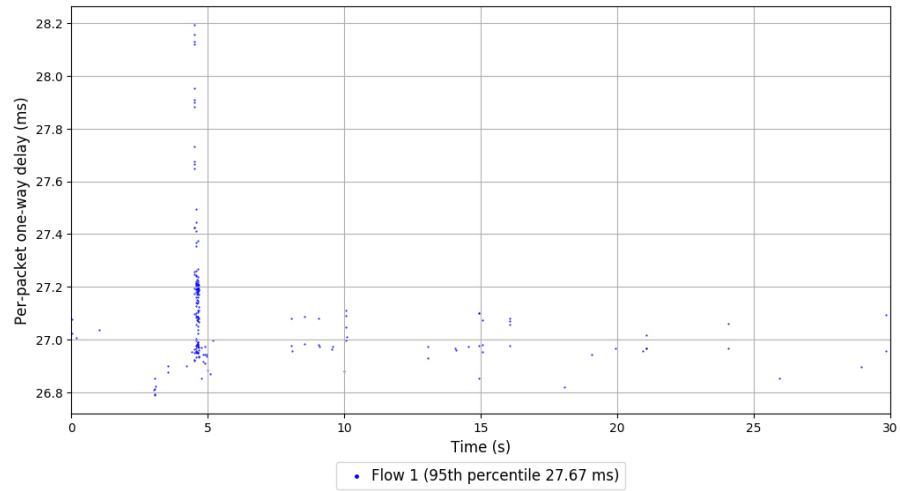
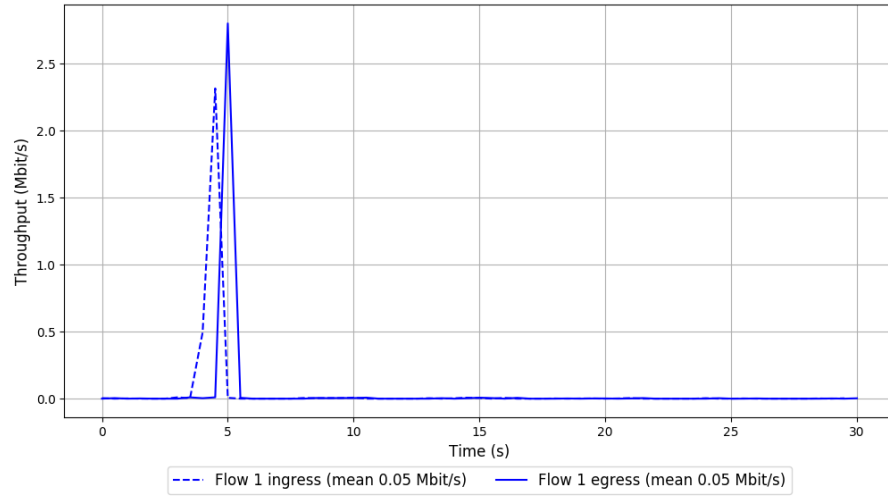
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 27.666 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

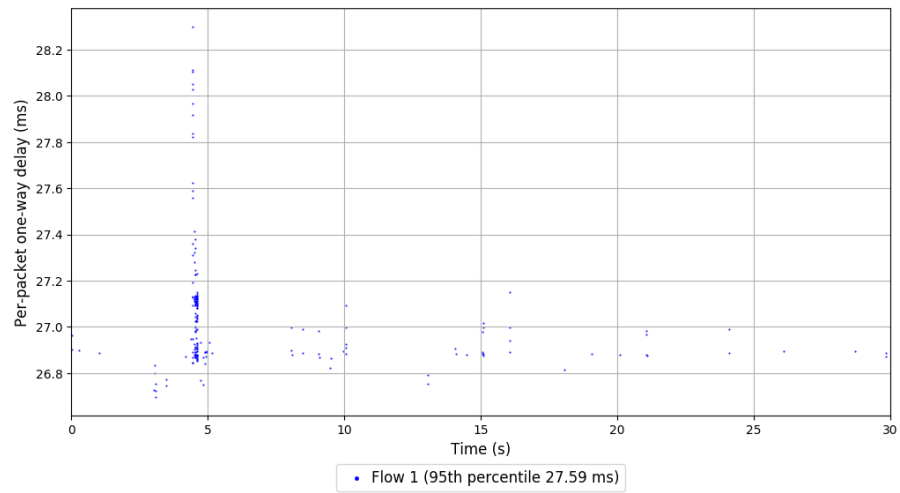
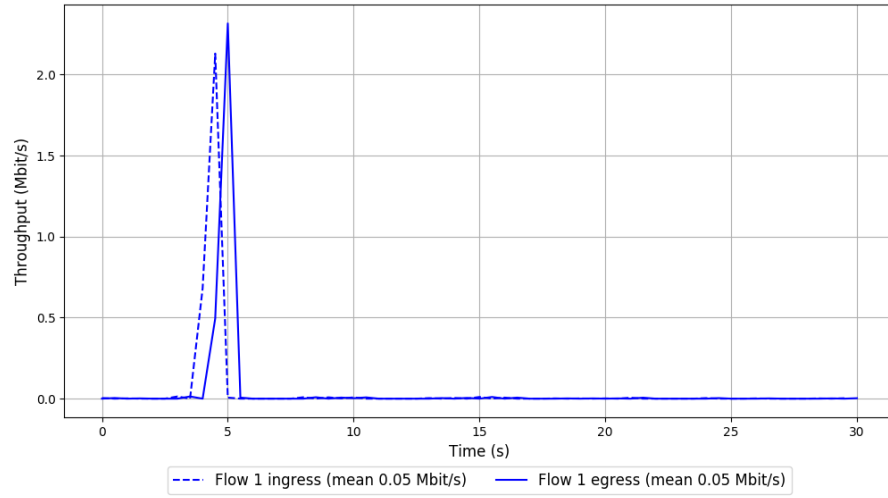


Run 4: Statistics of WebRTC media

Start at: 2019-05-29 20:51:44
End at: 2019-05-29 20:52:14
Local clock offset: 0.508 ms
Remote clock offset: -2.442 ms

Below is generated by plot.py at 2019-05-29 21:46:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 27.590 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 27.590 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-05-29 21:17:04

End at: 2019-05-29 21:17:35

Local clock offset: 0.329 ms

Remote clock offset: -2.405 ms

Below is generated by plot.py at 2019-05-29 21:46:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 27.672 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 27.672 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

