

Pantheon Report

Generated at 2019-02-19 22:04:39 (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:

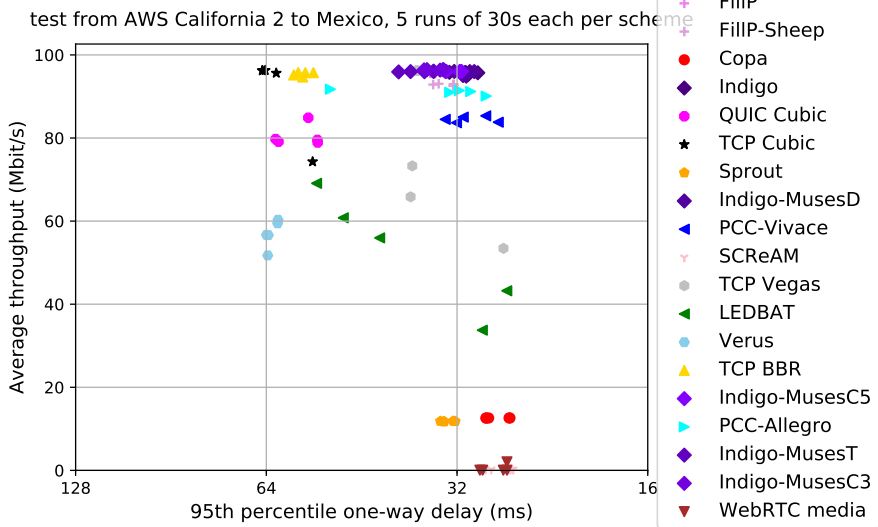
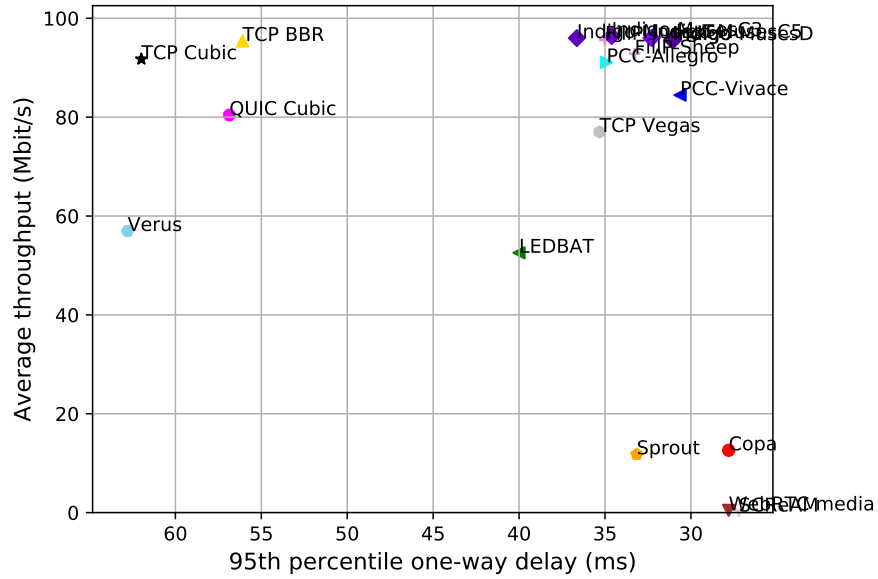
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 7a686f7c2ed0a333082c0bab1fa5c921ab47e6ee
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf5e58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

test from AWS California 2 to Mexico, 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	95.42	56.09	1.26
Copa	5	12.61	27.80	70.84
TCP Cubic	5	91.73	61.98	0.49
FillP	5	95.66	35.00	0.71
FillP-Sheep	5	92.84	33.27	0.59
Indigo	5	95.66	31.09	0.06
Indigo-MusesC3	5	96.41	34.61	0.03
Indigo-MusesC5	5	96.01	32.29	0.01
Indigo-MusesD	5	95.59	31.04	0.06
Indigo-MusesT	5	96.00	36.64	1.00
LEDBAT	5	52.56	40.00	0.03
PCC-Allegro	5	91.09	34.91	0.75
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	80.44	56.86	1.40
SCReAM	5	0.21	27.21	0.00
Sprout	5	11.80	33.15	0.05
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	77.01	35.32	0.50
Verus	5	56.97	62.79	22.75
PCC-Vivace	5	84.47	30.63	0.02
WebRTC media	5	0.45	27.80	0.01

Run 1: Statistics of TCP BBR

Start at: 2019-02-19 20:01:01

End at: 2019-02-19 20:01:31

Local clock offset: 2.841 ms

Remote clock offset: -7.95 ms

Below is generated by plot.py at 2019-02-19 21:55:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.73 Mbit/s

95th percentile per-packet one-way delay: 53.942 ms

Loss rate: 1.13%

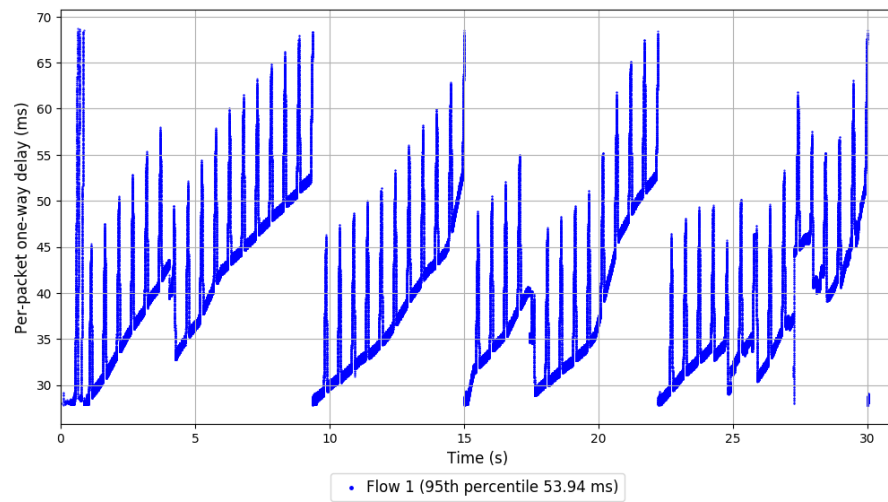
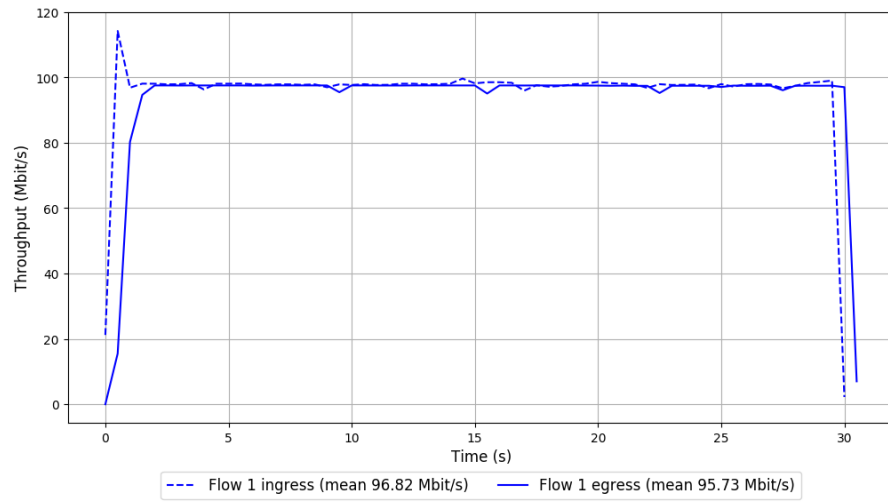
-- Flow 1:

Average throughput: 95.73 Mbit/s

95th percentile per-packet one-way delay: 53.942 ms

Loss rate: 1.13%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-02-19 20:26:02

End at: 2019-02-19 20:26:32

Local clock offset: 1.75 ms

Remote clock offset: -7.151 ms

Below is generated by plot.py at 2019-02-19 21:55:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.18 Mbit/s

95th percentile per-packet one-way delay: 57.942 ms

Loss rate: 1.79%

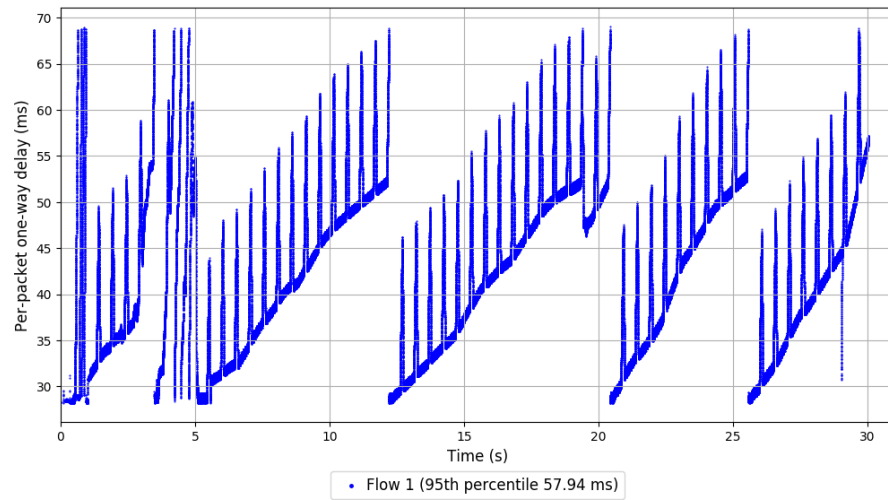
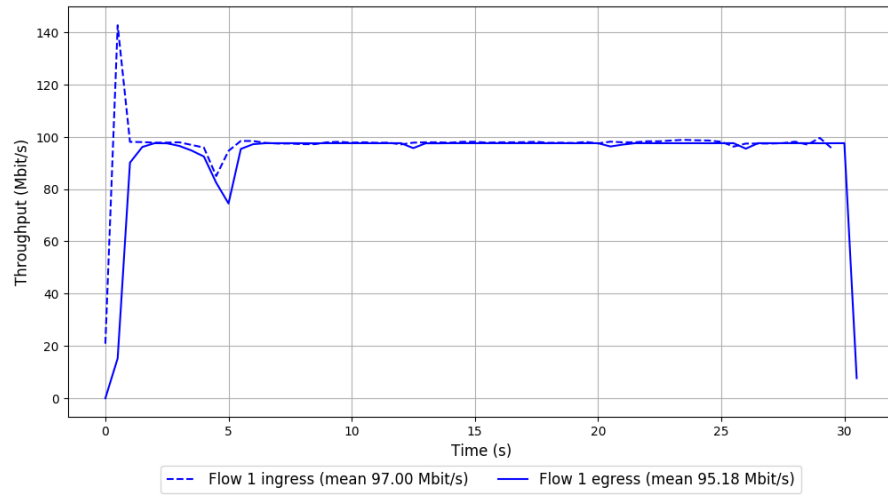
-- Flow 1:

Average throughput: 95.18 Mbit/s

95th percentile per-packet one-way delay: 57.942 ms

Loss rate: 1.79%

Run 2: Report of TCP BBR — Data Link

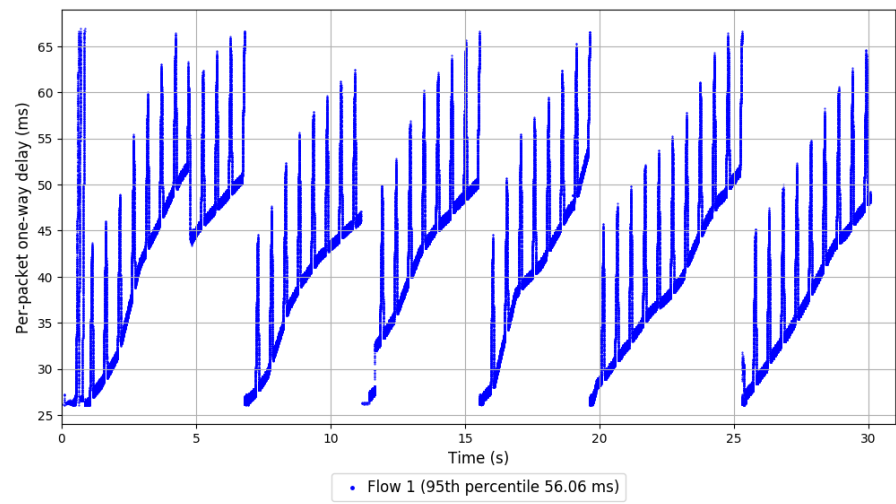
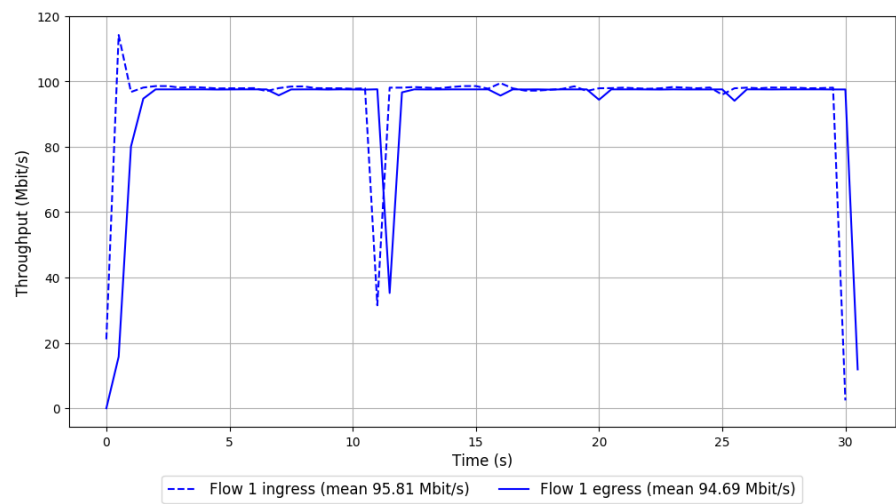


Run 3: Statistics of TCP BBR

Start at: 2019-02-19 20:50:51
End at: 2019-02-19 20:51:21
Local clock offset: 1.038 ms
Remote clock offset: -7.712 ms

Below is generated by plot.py at 2019-02-19 21:55:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 56.063 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 56.063 ms
Loss rate: 1.10%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-02-19 21:15:42

End at: 2019-02-19 21:16:12

Local clock offset: 0.687 ms

Remote clock offset: -6.695 ms

Below is generated by plot.py at 2019-02-19 21:55:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.73 Mbit/s

95th percentile per-packet one-way delay: 55.521 ms

Loss rate: 1.16%

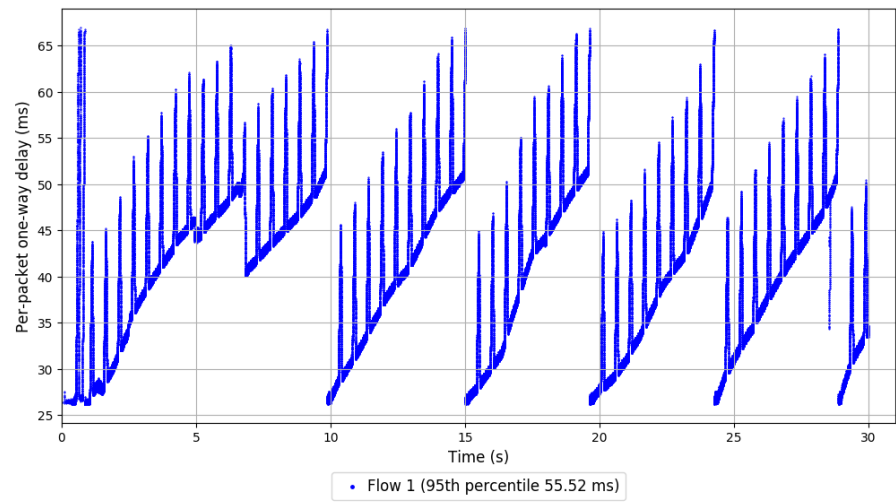
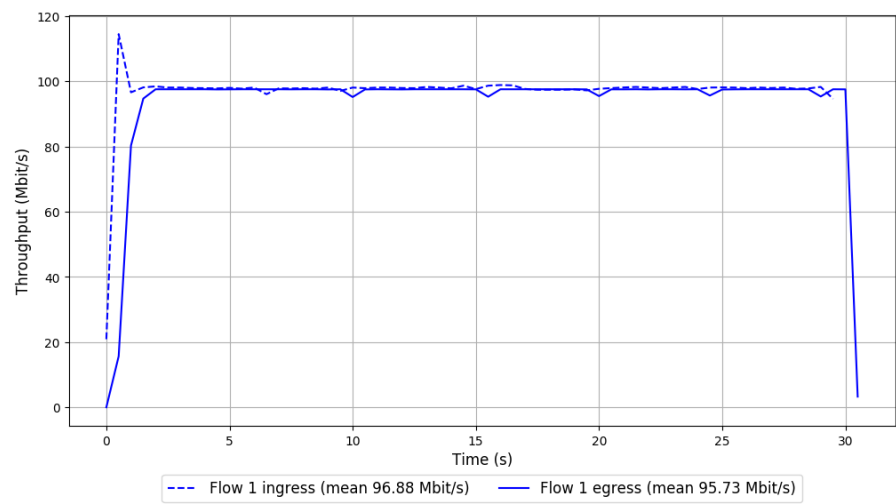
-- Flow 1:

Average throughput: 95.73 Mbit/s

95th percentile per-packet one-way delay: 55.521 ms

Loss rate: 1.16%

Run 4: Report of TCP BBR — Data Link

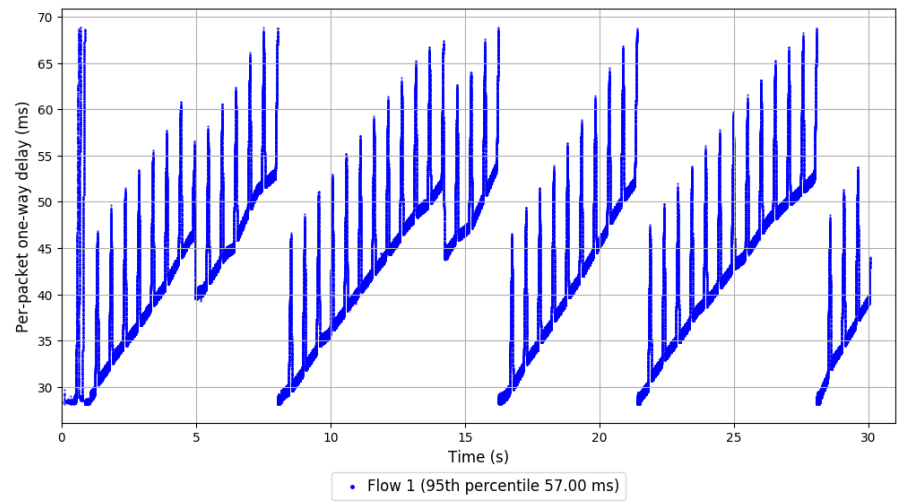
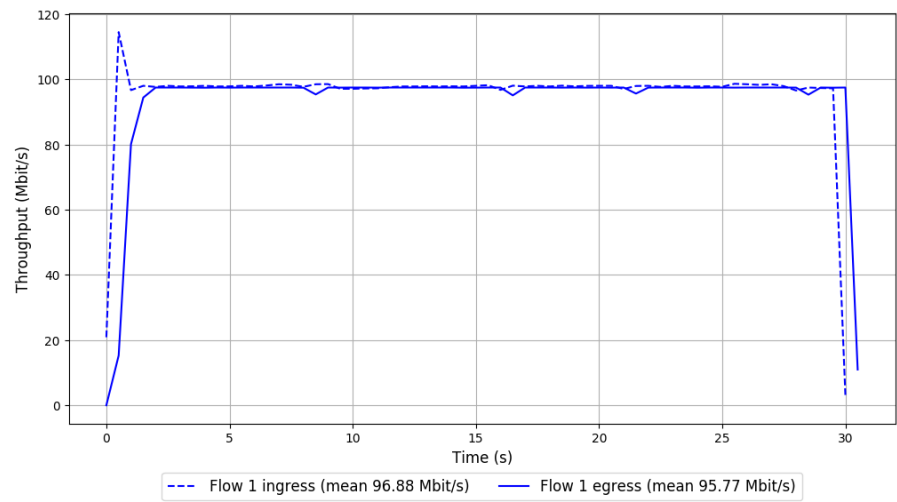


Run 5: Statistics of TCP BBR

Start at: 2019-02-19 21:40:51
End at: 2019-02-19 21:41:21
Local clock offset: 0.434 ms
Remote clock offset: -4.438 ms

Below is generated by plot.py at 2019-02-19 21:55:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 57.001 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 57.001 ms
Loss rate: 1.10%

Run 5: Report of TCP BBR — Data Link

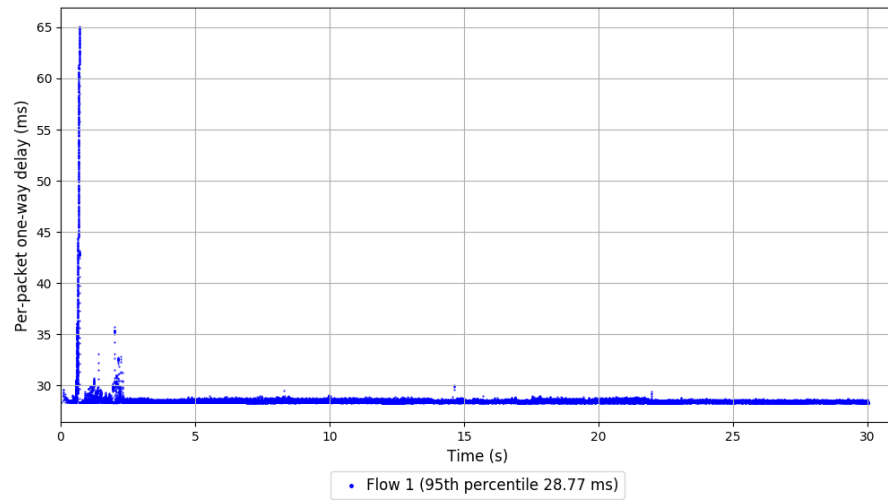
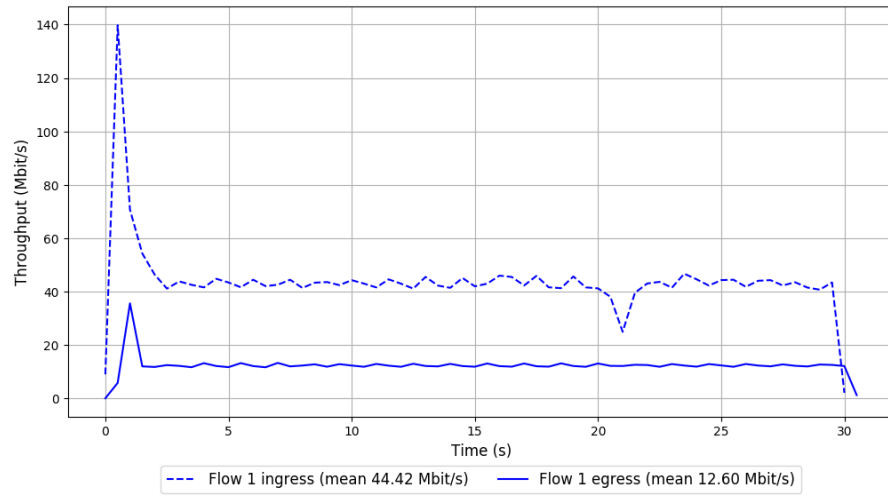


Run 1: Statistics of Copa

Start at: 2019-02-19 20:06:57
End at: 2019-02-19 20:07:27
Local clock offset: 1.823 ms
Remote clock offset: -7.537 ms

Below is generated by plot.py at 2019-02-19 21:55:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 28.765 ms
Loss rate: 71.64%
-- Flow 1:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 28.765 ms
Loss rate: 71.64%

Run 1: Report of Copa — Data Link

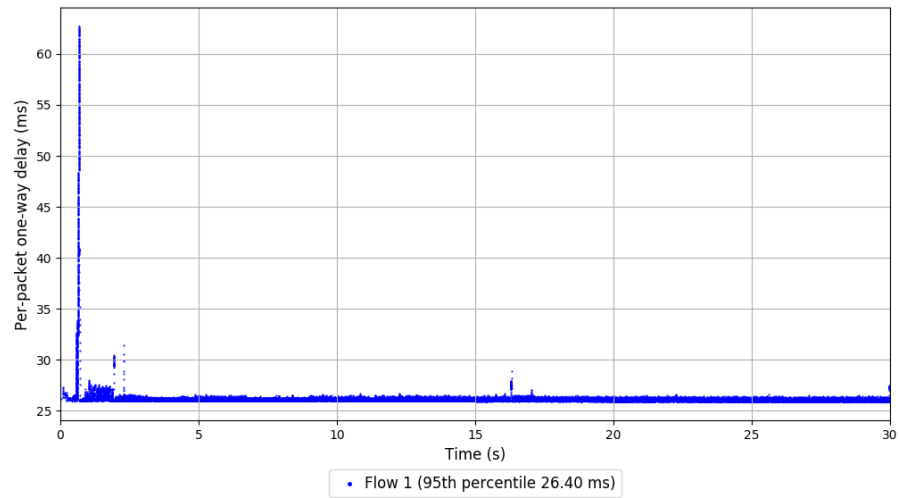
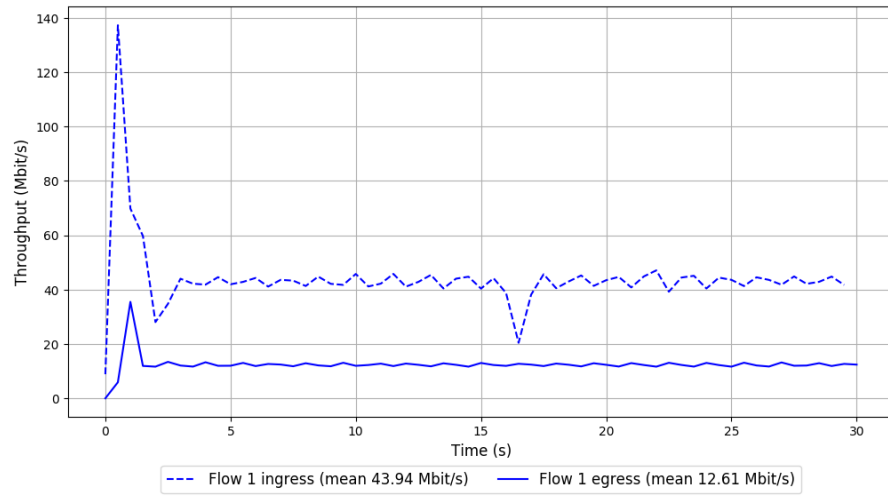


Run 2: Statistics of Copa

Start at: 2019-02-19 20:32:13
End at: 2019-02-19 20:32:43
Local clock offset: 1.603 ms
Remote clock offset: -8.995 ms

Below is generated by plot.py at 2019-02-19 21:55:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 26.402 ms
Loss rate: 71.30%
-- Flow 1:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 26.402 ms
Loss rate: 71.30%

Run 2: Report of Copa — Data Link

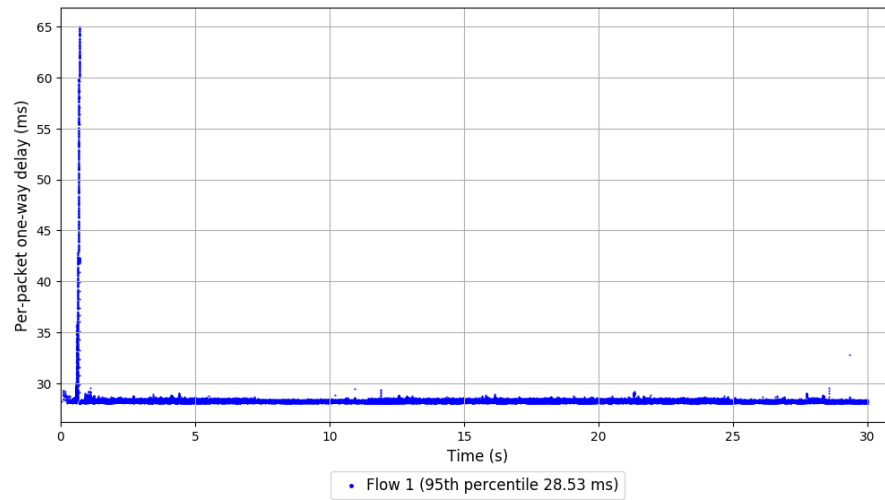
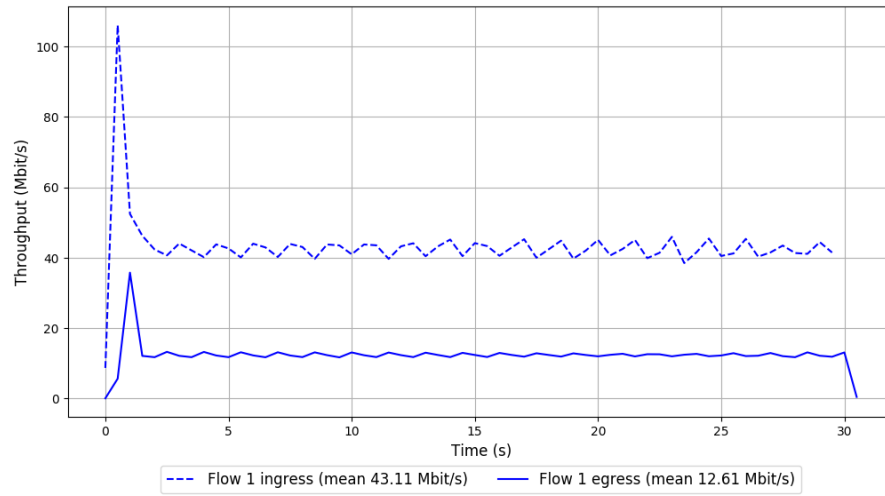


Run 3: Statistics of Copa

Start at: 2019-02-19 20:56:56
End at: 2019-02-19 20:57:26
Local clock offset: 1.201 ms
Remote clock offset: -5.405 ms

Below is generated by plot.py at 2019-02-19 21:55:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 28.530 ms
Loss rate: 70.75%
-- Flow 1:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 28.530 ms
Loss rate: 70.75%

Run 3: Report of Copa — Data Link

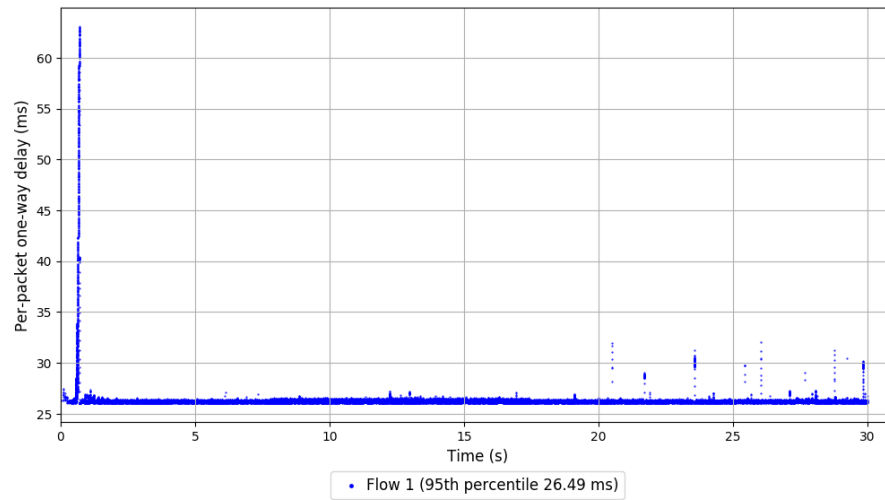
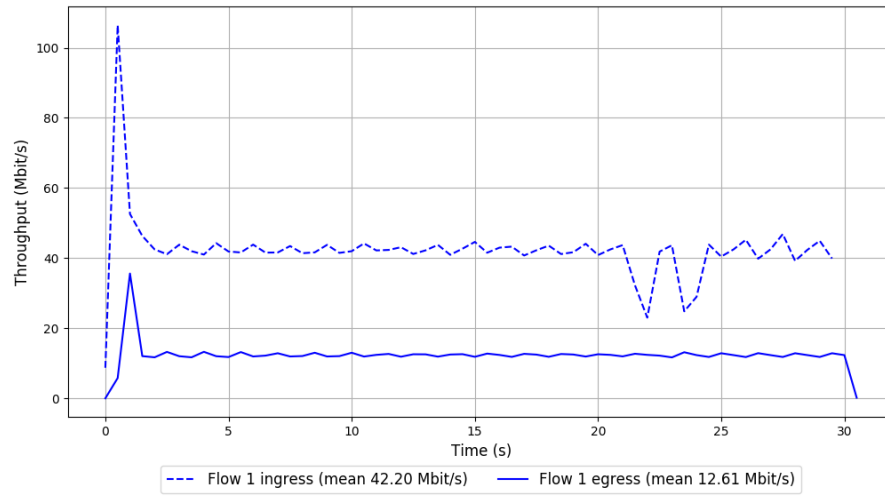


Run 4: Statistics of Copa

Start at: 2019-02-19 21:21:45
End at: 2019-02-19 21:22:15
Local clock offset: 0.726 ms
Remote clock offset: -6.812 ms

Below is generated by plot.py at 2019-02-19 21:55:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 26.487 ms
Loss rate: 70.11%
-- Flow 1:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 26.487 ms
Loss rate: 70.11%

Run 4: Report of Copa — Data Link

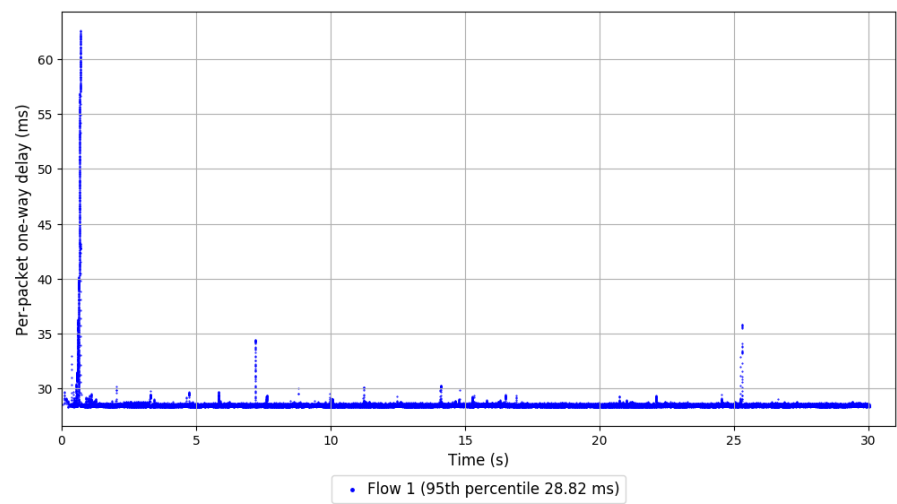
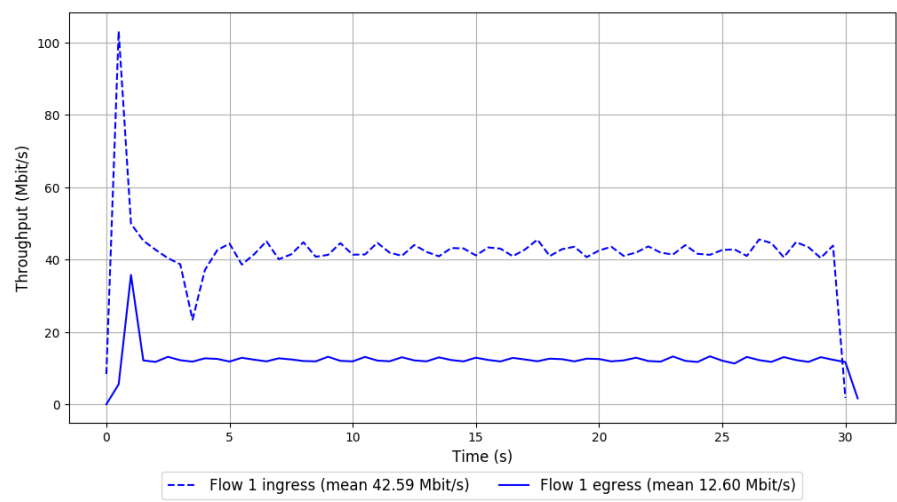


Run 5: Statistics of Copa

Start at: 2019-02-19 21:47:22
End at: 2019-02-19 21:47:52
Local clock offset: 0.387 ms
Remote clock offset: -4.306 ms

Below is generated by plot.py at 2019-02-19 21:55:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 28.817 ms
Loss rate: 70.42%
-- Flow 1:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 28.817 ms
Loss rate: 70.42%

Run 5: Report of Copa — Data Link

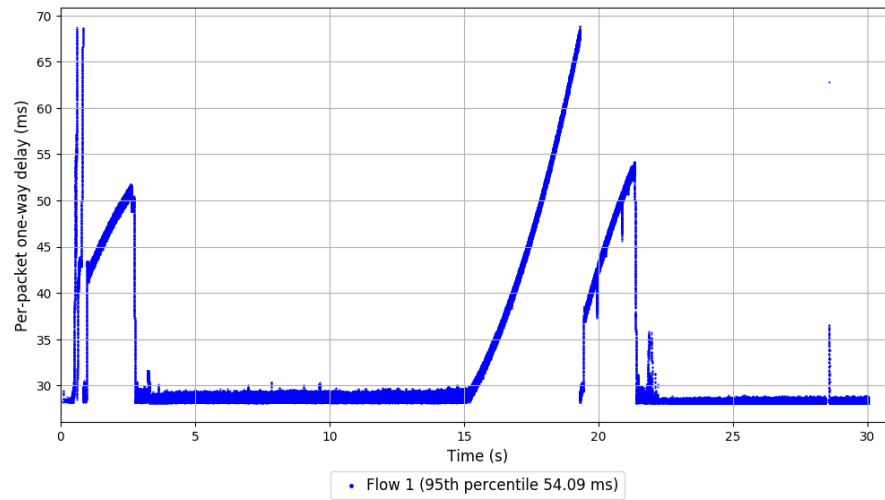
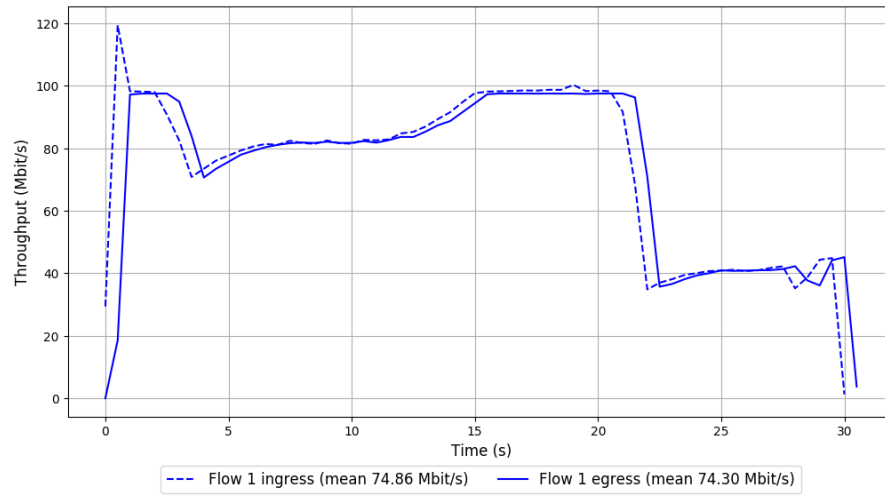


Run 1: Statistics of TCP Cubic

Start at: 2019-02-19 20:05:48
End at: 2019-02-19 20:06:18
Local clock offset: 1.953 ms
Remote clock offset: -7.753 ms

Below is generated by plot.py at 2019-02-19 21:55:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.30 Mbit/s
95th percentile per-packet one-way delay: 54.090 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 74.30 Mbit/s
95th percentile per-packet one-way delay: 54.090 ms
Loss rate: 0.74%

Run 1: Report of TCP Cubic — Data Link

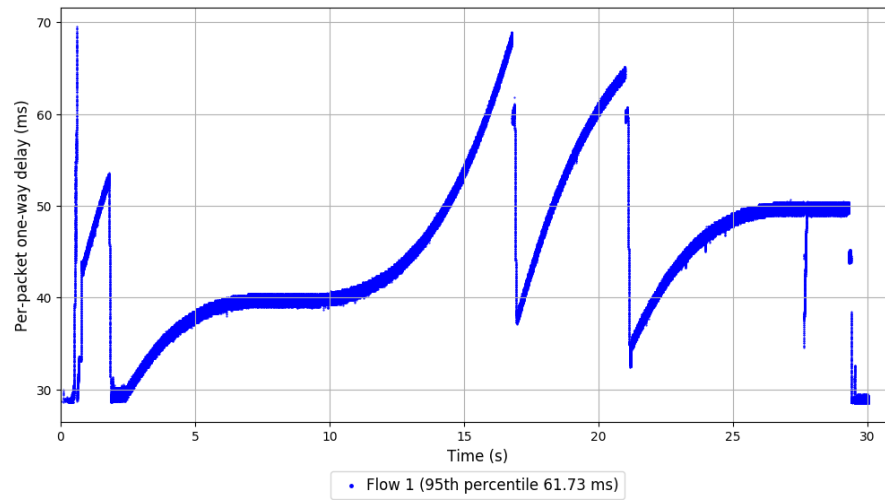
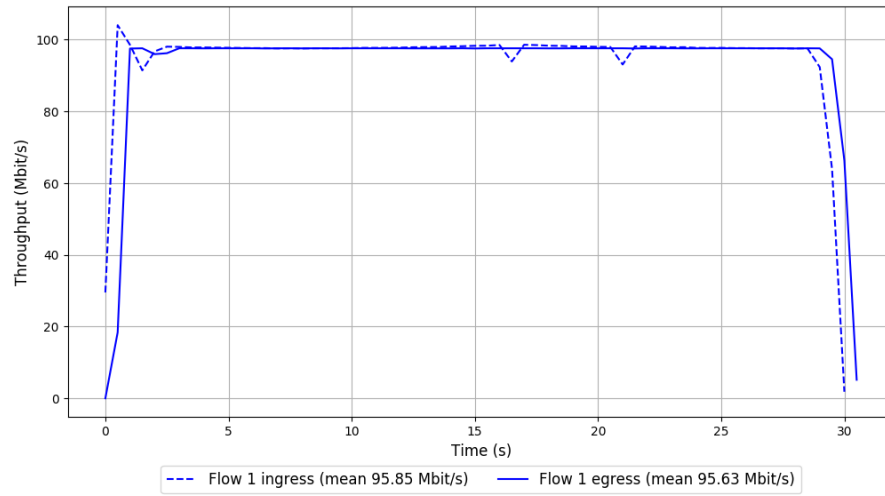


Run 2: Statistics of TCP Cubic

Start at: 2019-02-19 20:31:00
End at: 2019-02-19 20:31:30
Local clock offset: 1.756 ms
Remote clock offset: -6.398 ms

Below is generated by plot.py at 2019-02-19 21:55:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 61.726 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 61.726 ms
Loss rate: 0.23%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-02-19 20:55:44

End at: 2019-02-19 20:56:14

Local clock offset: 1.147 ms

Remote clock offset: -7.21 ms

Below is generated by plot.py at 2019-02-19 21:55:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 64.893 ms

Loss rate: 0.44%

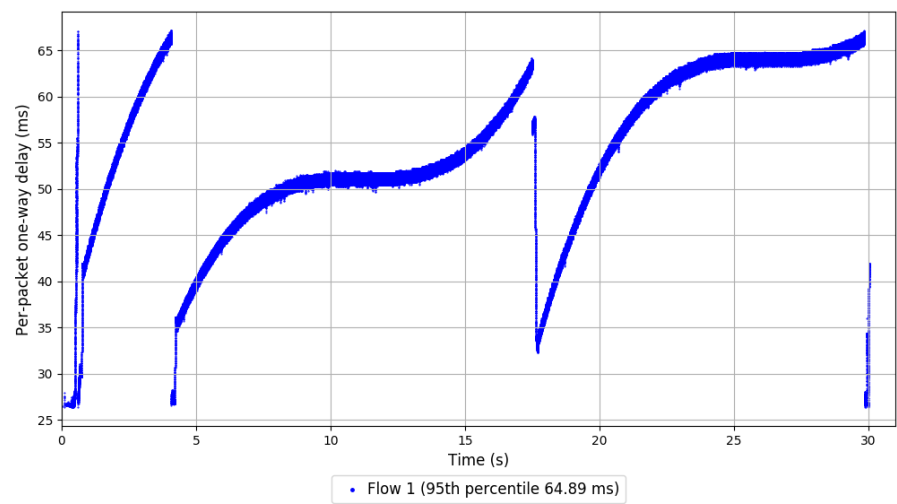
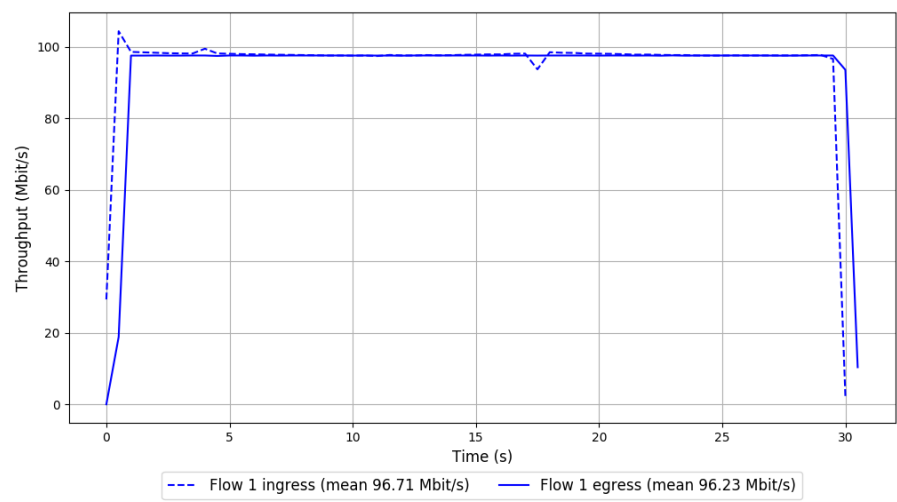
-- Flow 1:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 64.893 ms

Loss rate: 0.44%

Run 3: Report of TCP Cubic — Data Link

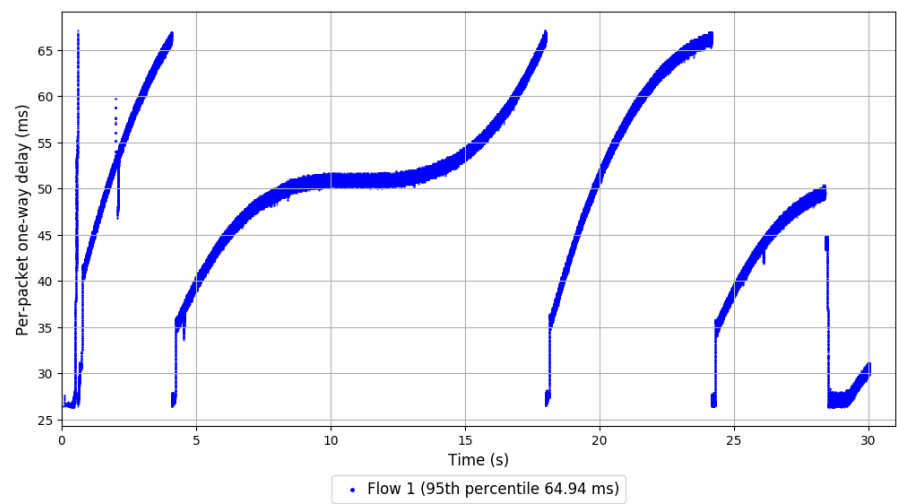
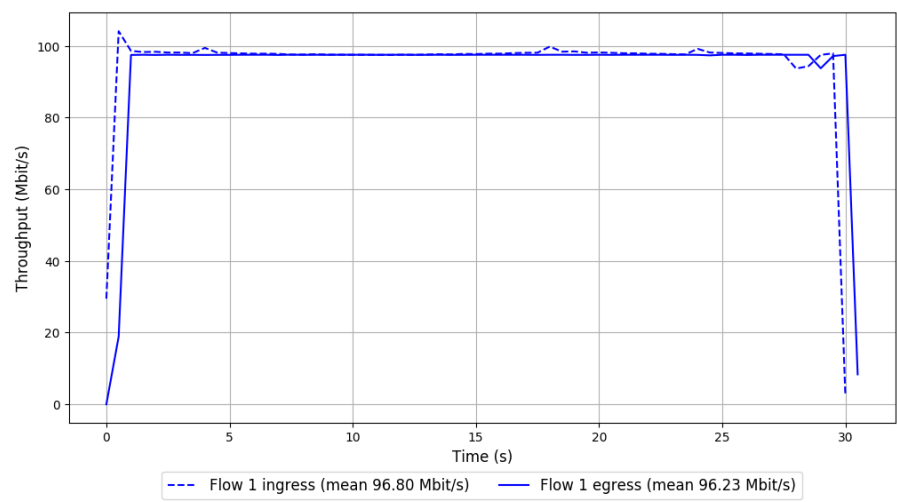


Run 4: Statistics of TCP Cubic

Start at: 2019-02-19 21:20:32
End at: 2019-02-19 21:21:02
Local clock offset: 0.704 ms
Remote clock offset: -6.525 ms

Below is generated by plot.py at 2019-02-19 21:56:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 64.944 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 64.944 ms
Loss rate: 0.57%

Run 4: Report of TCP Cubic — Data Link

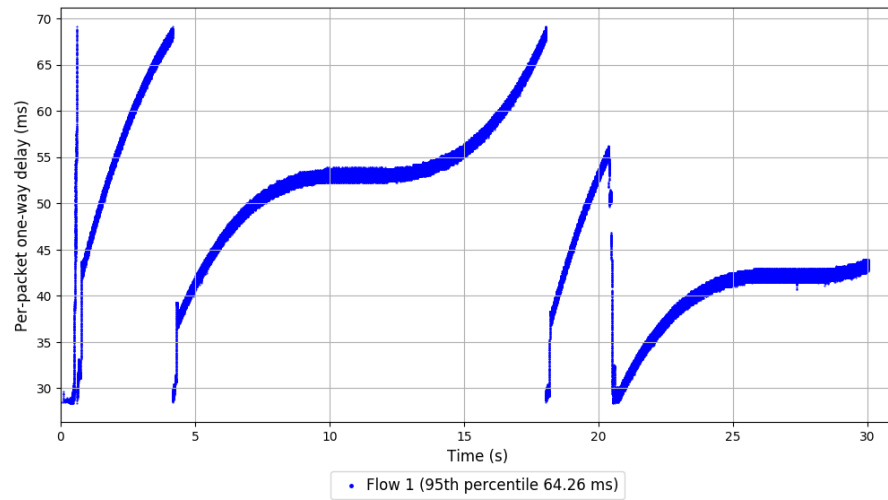
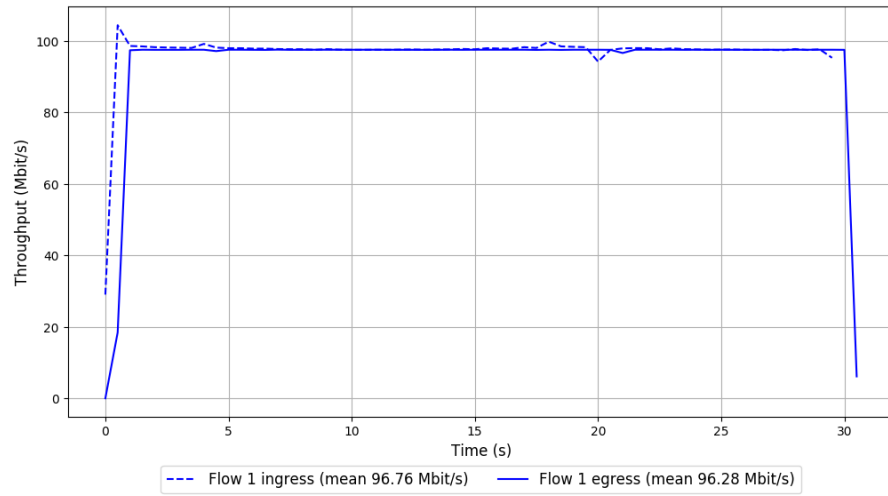


Run 5: Statistics of TCP Cubic

Start at: 2019-02-19 21:46:05
End at: 2019-02-19 21:46:35
Local clock offset: 0.377 ms
Remote clock offset: -4.271 ms

Below is generated by plot.py at 2019-02-19 21:56:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 64.263 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 64.263 ms
Loss rate: 0.45%

Run 5: Report of TCP Cubic — Data Link

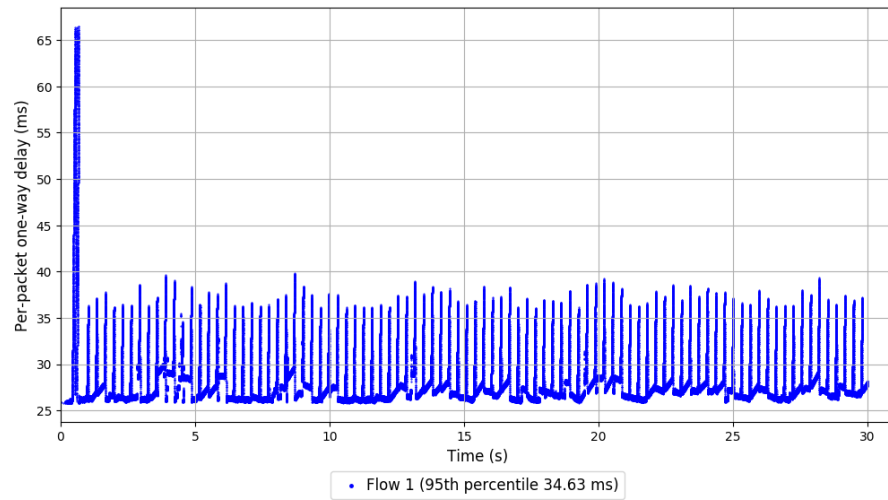
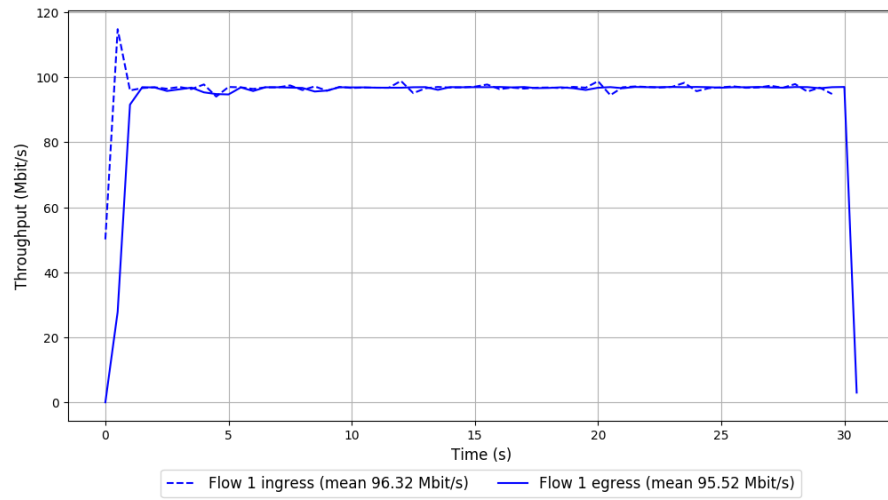


Run 1: Statistics of FillP

Start at: 2019-02-19 20:03:27
End at: 2019-02-19 20:03:57
Local clock offset: 2.315 ms
Remote clock offset: -9.925 ms

Below is generated by plot.py at 2019-02-19 21:56:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 34.629 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 34.629 ms
Loss rate: 0.82%

Run 1: Report of FillP — Data Link

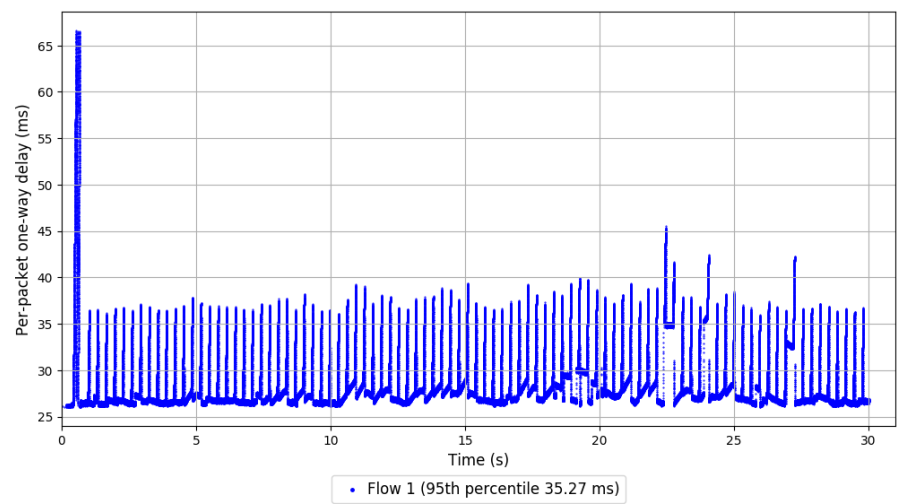
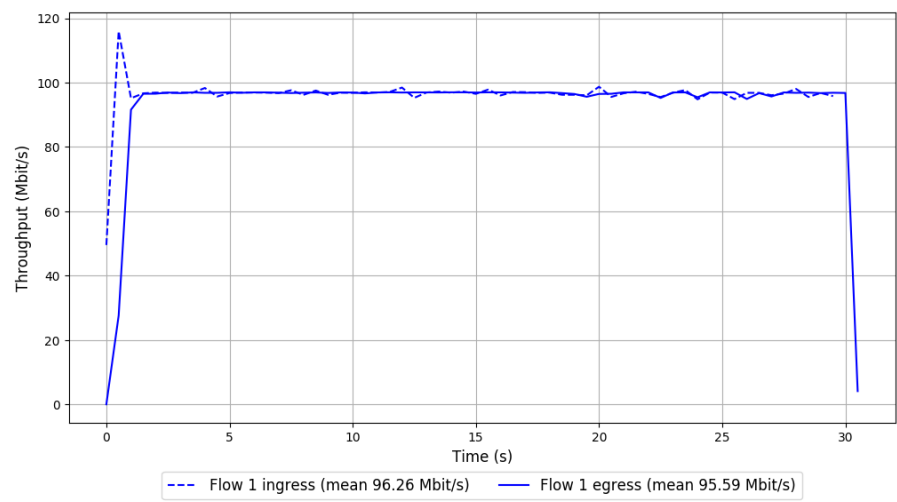


Run 2: Statistics of FillP

Start at: 2019-02-19 20:28:32
End at: 2019-02-19 20:29:02
Local clock offset: 1.845 ms
Remote clock offset: -9.005 ms

Below is generated by plot.py at 2019-02-19 21:56:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 35.275 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 35.275 ms
Loss rate: 0.70%

Run 2: Report of FillP — Data Link

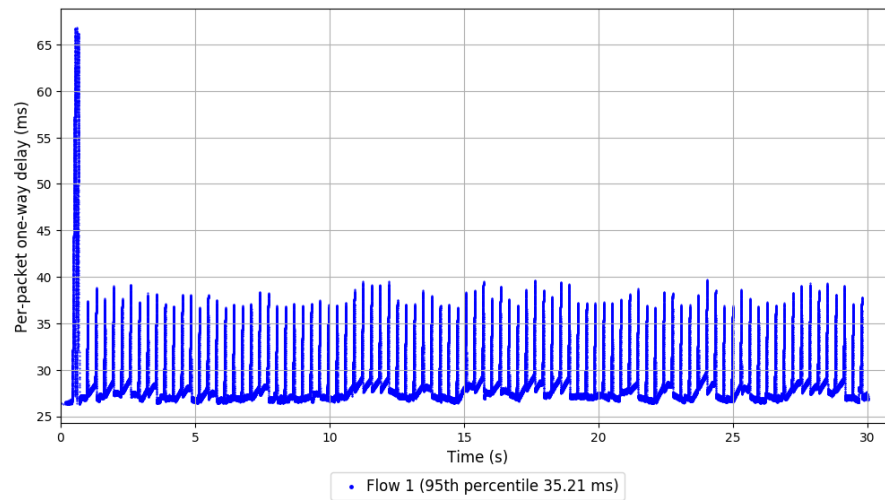
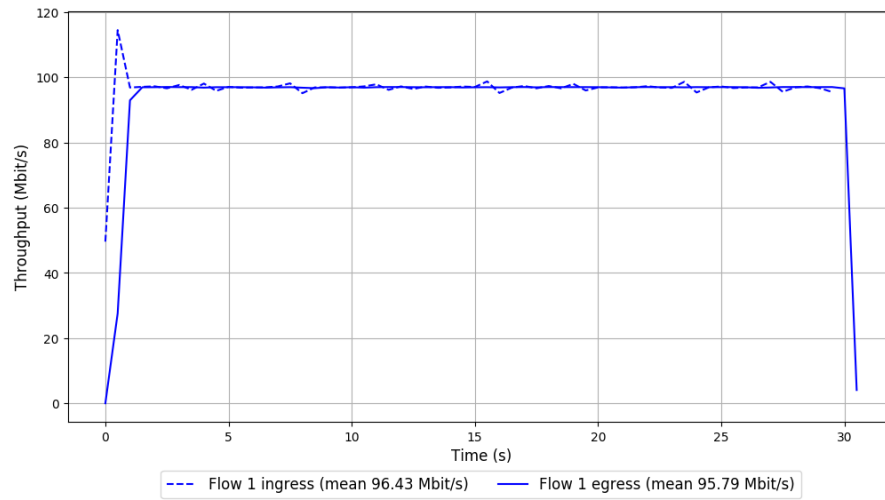


Run 3: Statistics of FillP

Start at: 2019-02-19 20:53:20
End at: 2019-02-19 20:53:50
Local clock offset: 1.086 ms
Remote clock offset: -7.261 ms

Below is generated by plot.py at 2019-02-19 21:56:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 35.206 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 35.206 ms
Loss rate: 0.66%

Run 3: Report of FillP — Data Link

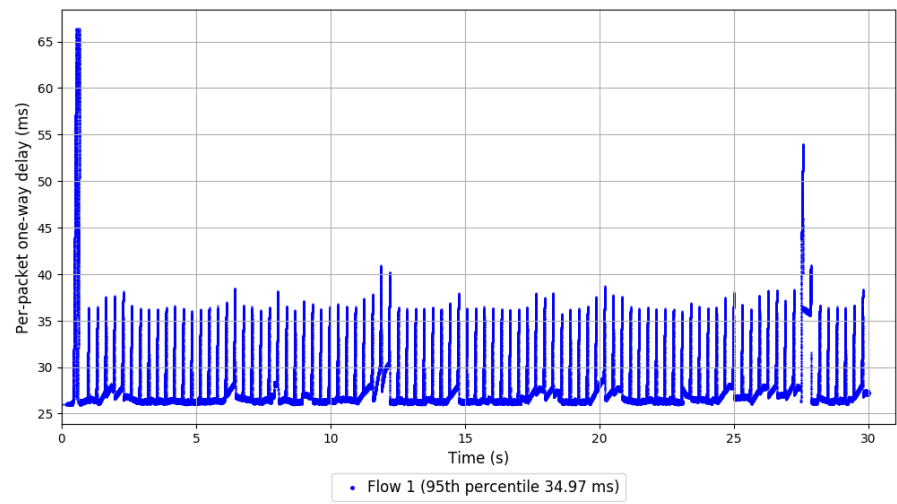
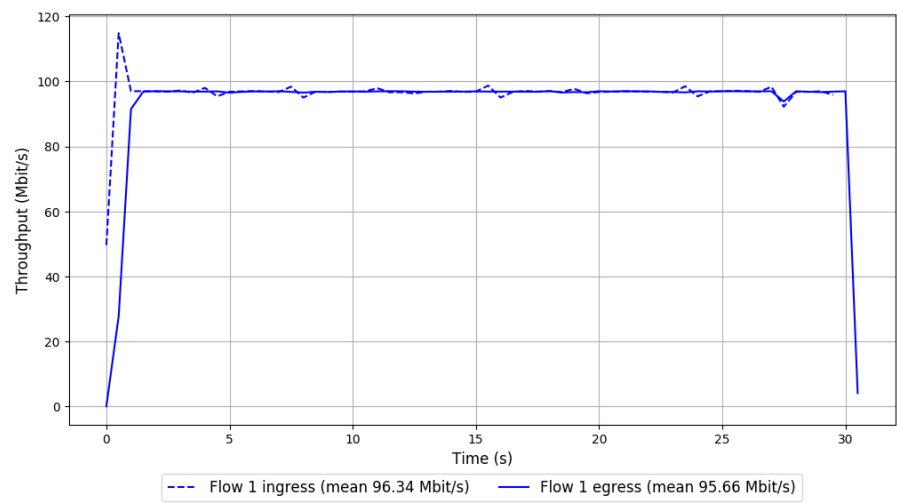


Run 4: Statistics of FillP

Start at: 2019-02-19 21:18:07
End at: 2019-02-19 21:18:37
Local clock offset: 0.688 ms
Remote clock offset: -6.887 ms

Below is generated by plot.py at 2019-02-19 21:56:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 34.974 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 34.974 ms
Loss rate: 0.71%

Run 4: Report of FillP — Data Link

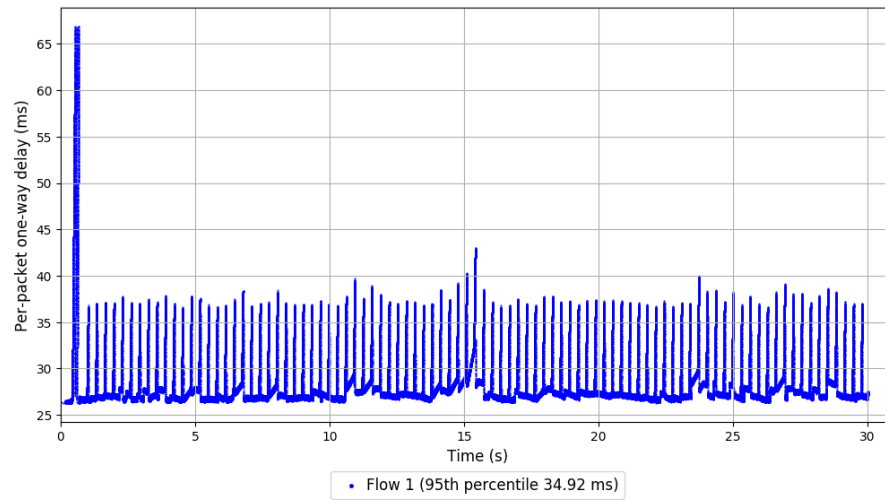
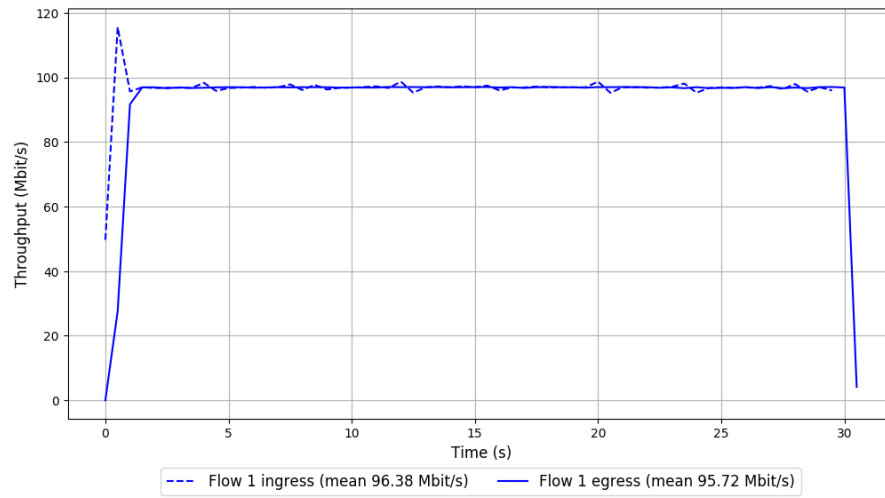


Run 5: Statistics of FillP

Start at: 2019-02-19 21:43:25
End at: 2019-02-19 21:43:55
Local clock offset: 0.404 ms
Remote clock offset: -6.235 ms

Below is generated by plot.py at 2019-02-19 21:57:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 34.923 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 34.923 ms
Loss rate: 0.68%

Run 5: Report of FillP — Data Link

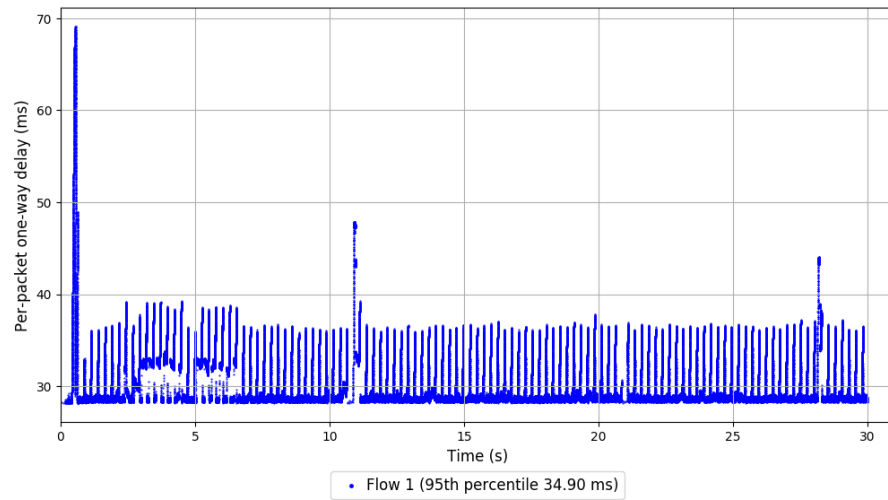
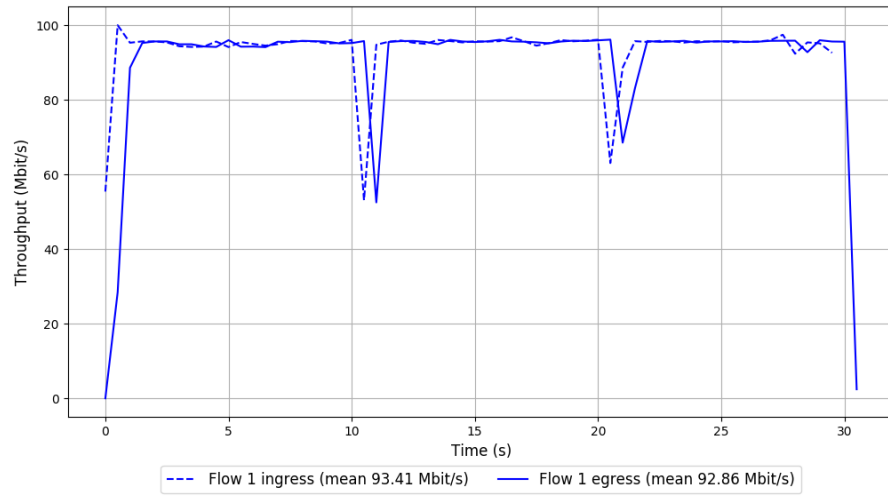


Run 1: Statistics of FillP-Sheep

Start at: 2019-02-19 19:56:13
End at: 2019-02-19 19:56:43
Local clock offset: 2.762 ms
Remote clock offset: -7.836 ms

Below is generated by plot.py at 2019-02-19 21:57:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 34.901 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 34.901 ms
Loss rate: 0.59%

Run 1: Report of FillP-Sheep — Data Link

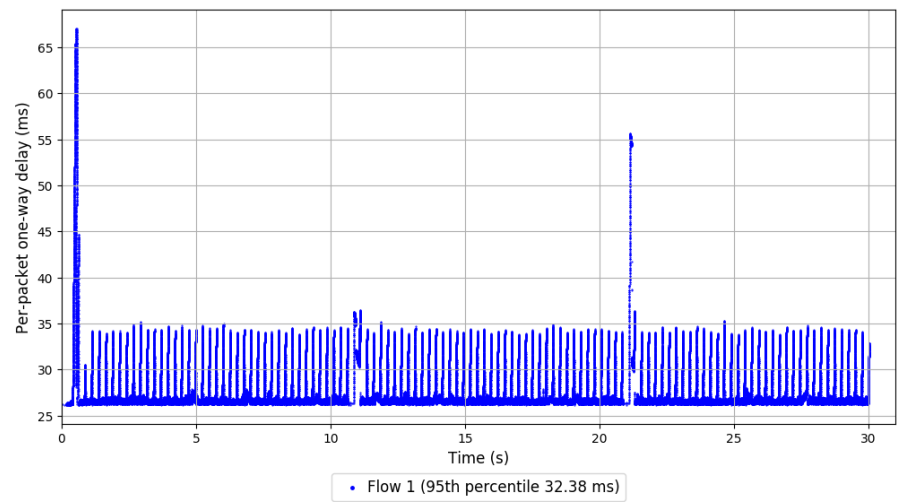
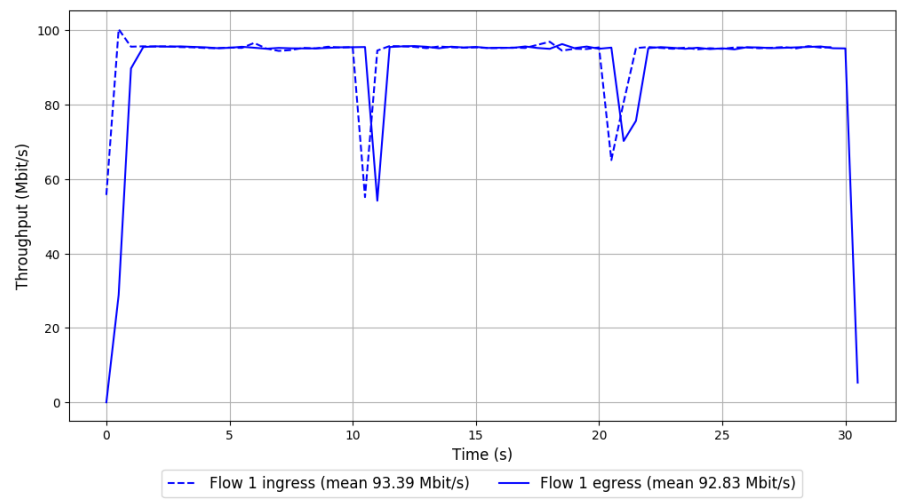


Run 2: Statistics of FillP-Sheep

Start at: 2019-02-19 20:21:06
End at: 2019-02-19 20:21:36
Local clock offset: 1.552 ms
Remote clock offset: -9.204 ms

Below is generated by plot.py at 2019-02-19 21:57:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 32.382 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 32.382 ms
Loss rate: 0.58%

Run 2: Report of FillP-Sheep — Data Link

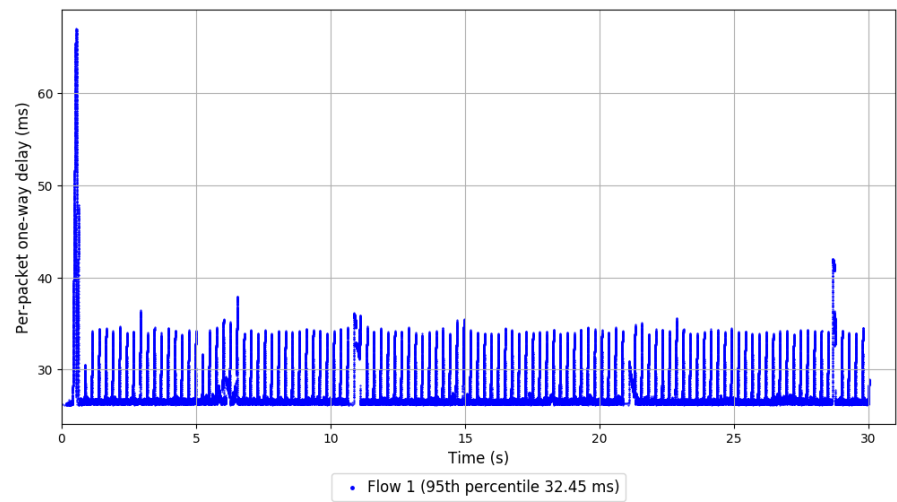
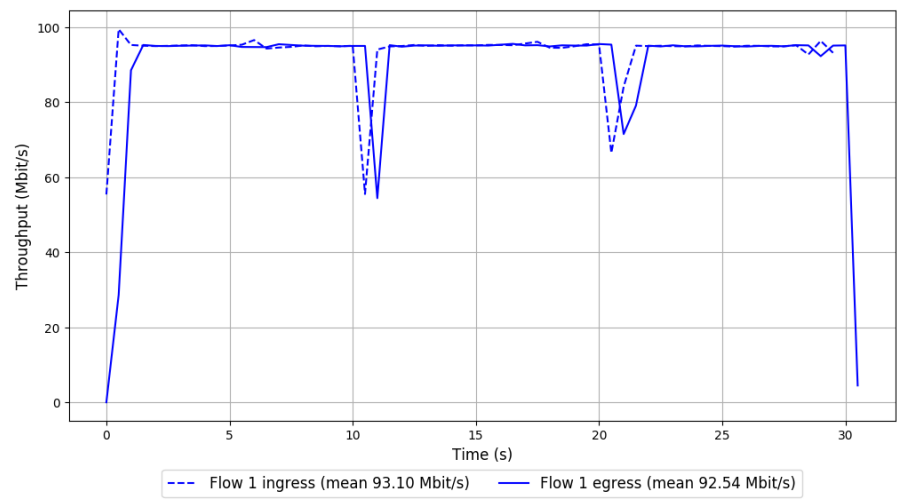


Run 3: Statistics of FillP-Sheep

Start at: 2019-02-19 20:46:11
End at: 2019-02-19 20:46:41
Local clock offset: 0.962 ms
Remote clock offset: -7.707 ms

Below is generated by plot.py at 2019-02-19 21:57:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 32.454 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 32.454 ms
Loss rate: 0.60%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-02-19 21:10:58

End at: 2019-02-19 21:11:28

Local clock offset: 0.724 ms

Remote clock offset: -4.91 ms

Below is generated by plot.py at 2019-02-19 21:57:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.06 Mbit/s

95th percentile per-packet one-way delay: 34.208 ms

Loss rate: 0.58%

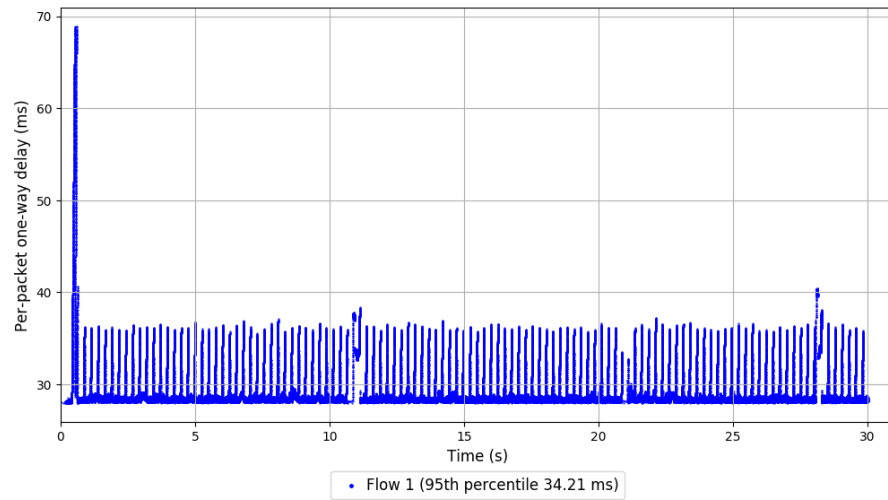
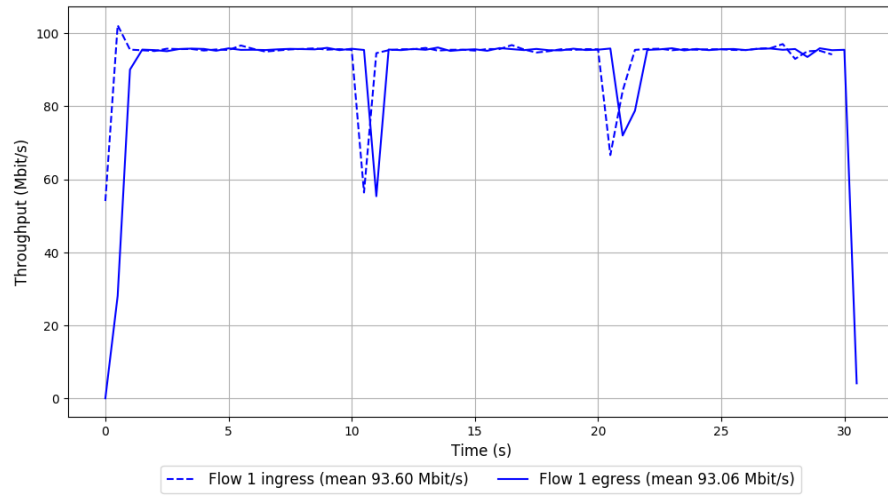
-- Flow 1:

Average throughput: 93.06 Mbit/s

95th percentile per-packet one-way delay: 34.208 ms

Loss rate: 0.58%

Run 4: Report of FillP-Sheep — Data Link

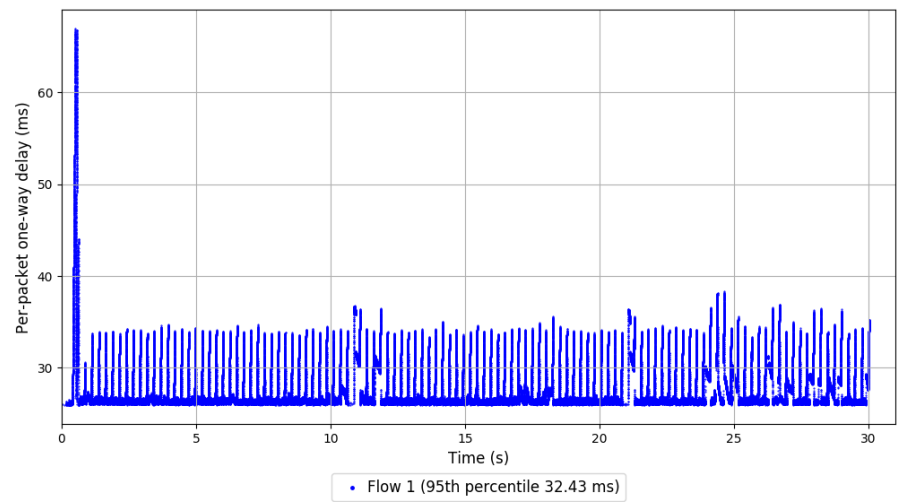
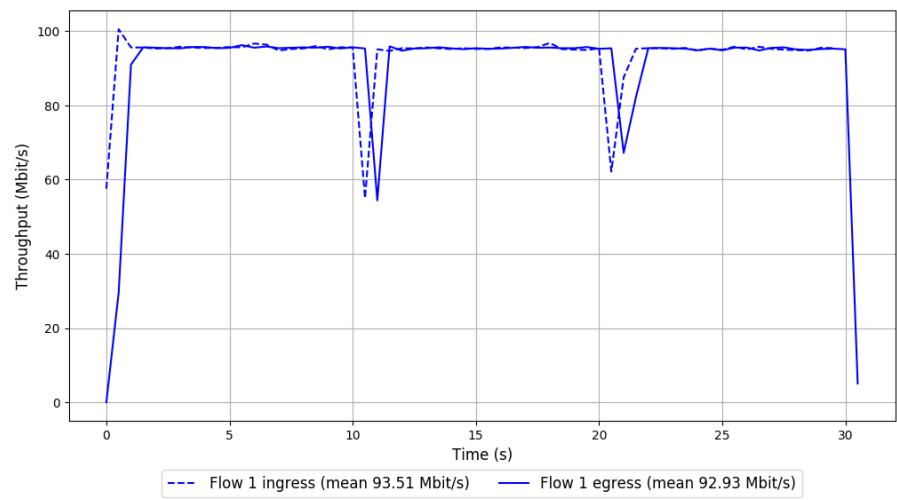


Run 5: Statistics of FillP-Sheep

Start at: 2019-02-19 21:36:00
End at: 2019-02-19 21:36:30
Local clock offset: 0.557 ms
Remote clock offset: -6.542 ms

Below is generated by plot.py at 2019-02-19 21:57:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: 32.428 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: 32.428 ms
Loss rate: 0.59%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-02-19 20:10:22

End at: 2019-02-19 20:10:53

Local clock offset: 1.571 ms

Remote clock offset: -7.657 ms

Below is generated by plot.py at 2019-02-19 21:57:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.81 Mbit/s

95th percentile per-packet one-way delay: 32.901 ms

Loss rate: 0.01%

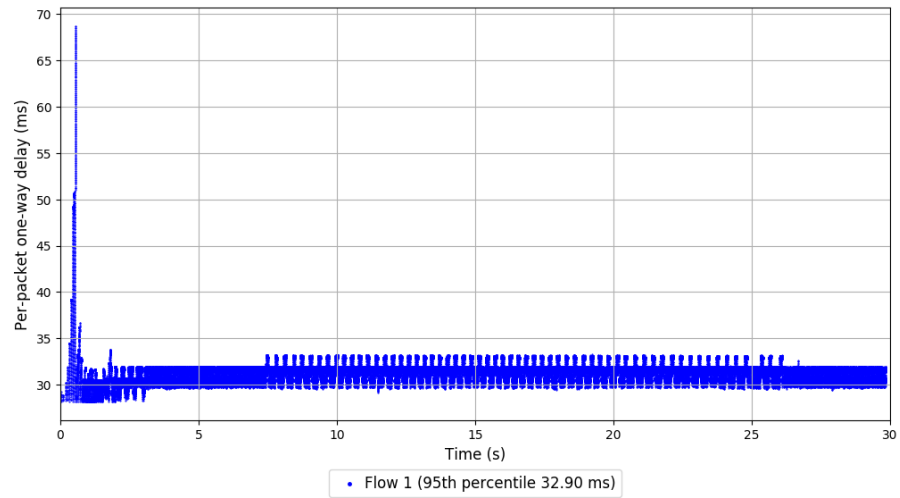
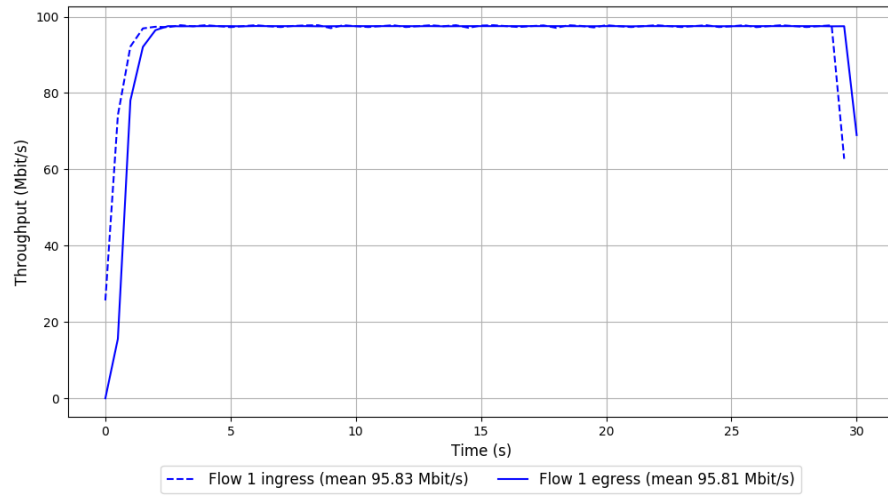
-- Flow 1:

Average throughput: 95.81 Mbit/s

95th percentile per-packet one-way delay: 32.901 ms

Loss rate: 0.01%

Run 1: Report of Indigo — Data Link

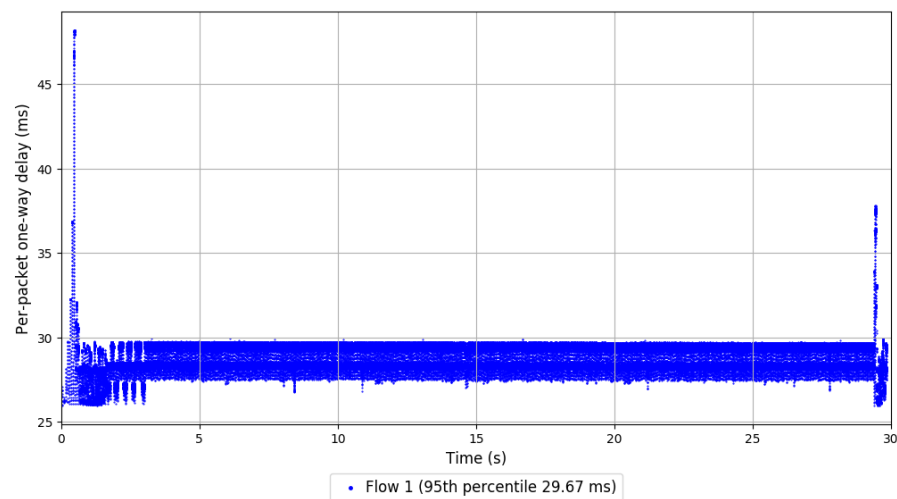
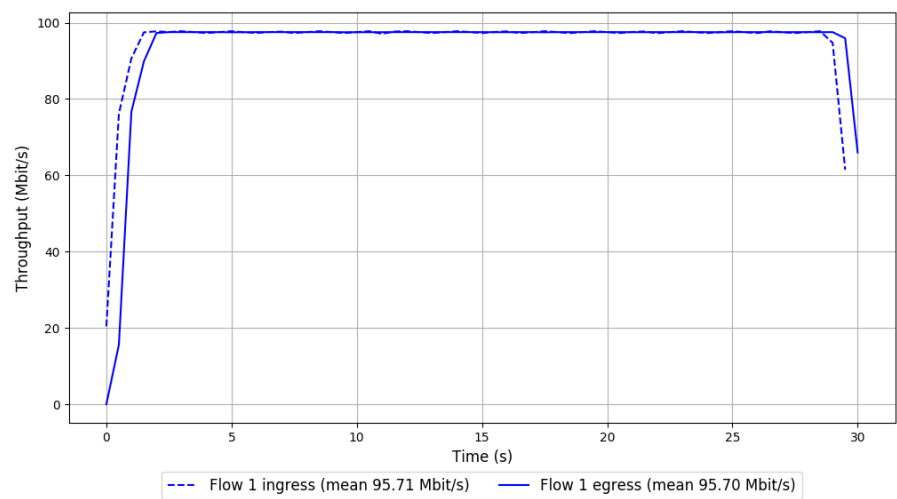


Run 2: Statistics of Indigo

Start at: 2019-02-19 20:35:40
End at: 2019-02-19 20:36:10
Local clock offset: 1.253 ms
Remote clock offset: -8.722 ms

Below is generated by plot.py at 2019-02-19 21:57:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 29.673 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 29.673 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

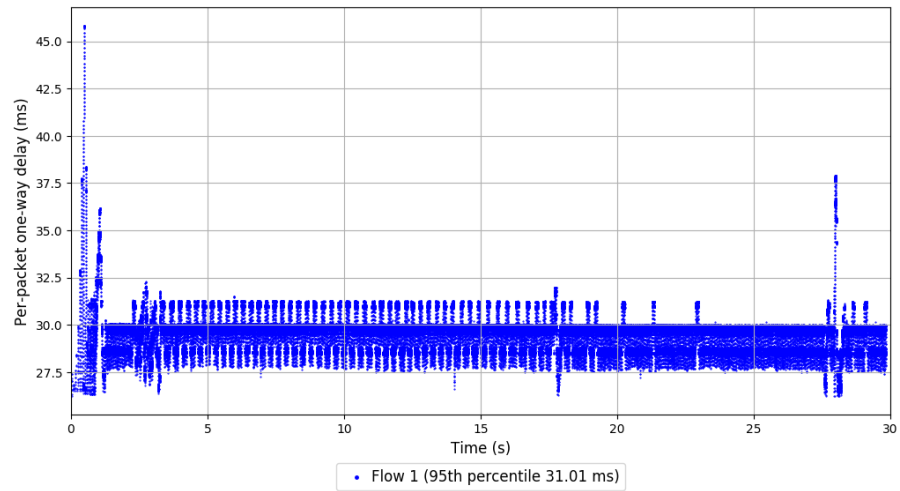
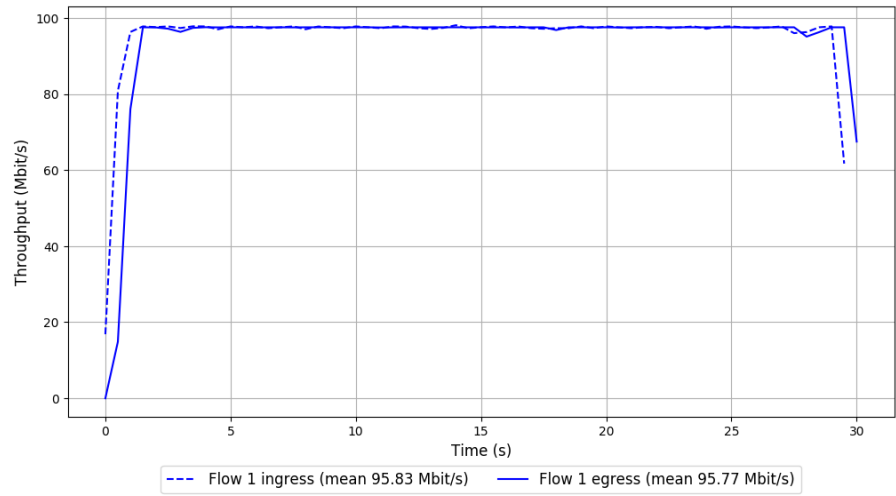


Run 3: Statistics of Indigo

Start at: 2019-02-19 21:00:22
End at: 2019-02-19 21:00:52
Local clock offset: 1.251 ms
Remote clock offset: -7.015 ms

Below is generated by plot.py at 2019-02-19 21:58:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 31.013 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 31.013 ms
Loss rate: 0.06%

Run 3: Report of Indigo — Data Link

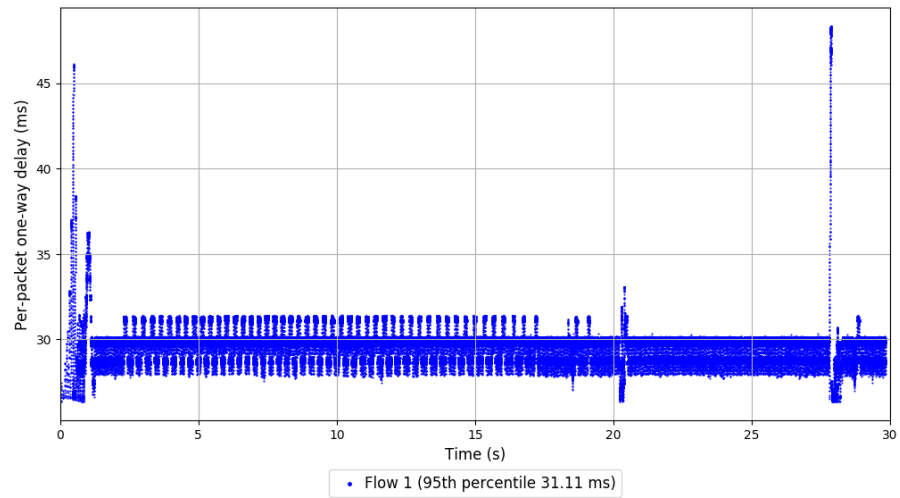
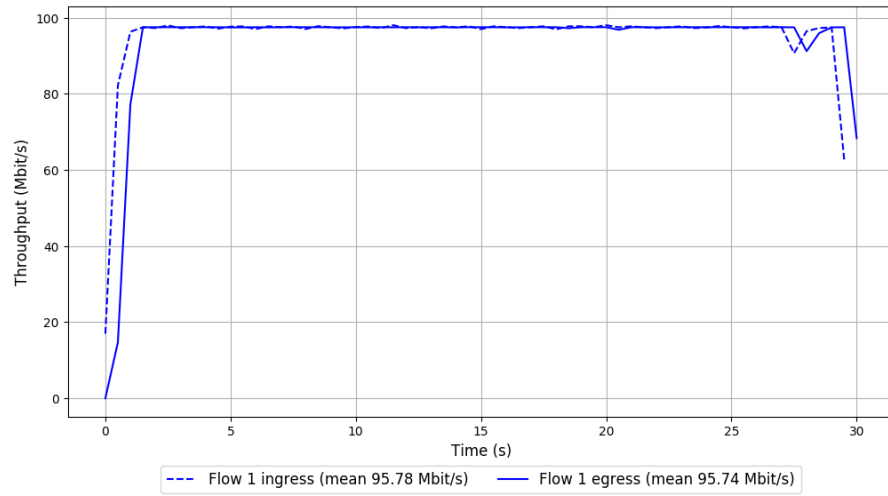


Run 4: Statistics of Indigo

Start at: 2019-02-19 21:25:11
End at: 2019-02-19 21:25:41
Local clock offset: 0.772 ms
Remote clock offset: -6.464 ms

Below is generated by plot.py at 2019-02-19 21:58:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 31.107 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 31.107 ms
Loss rate: 0.03%

Run 4: Report of Indigo — Data Link

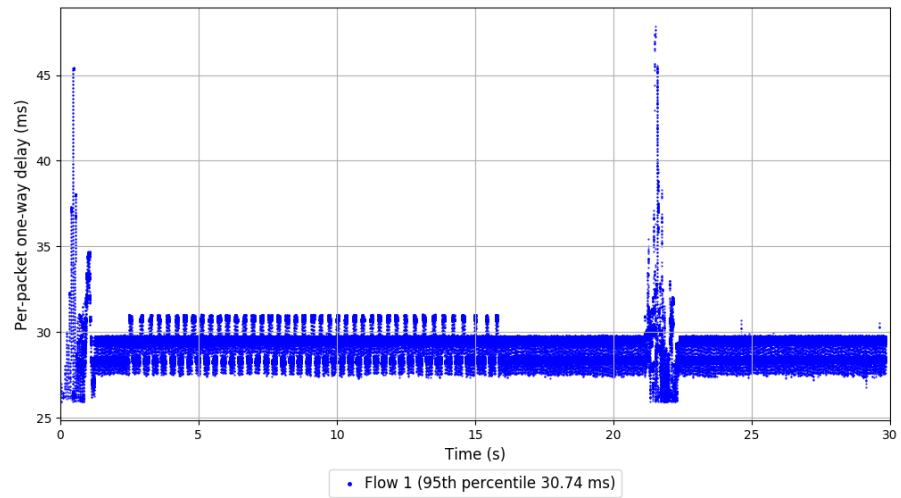
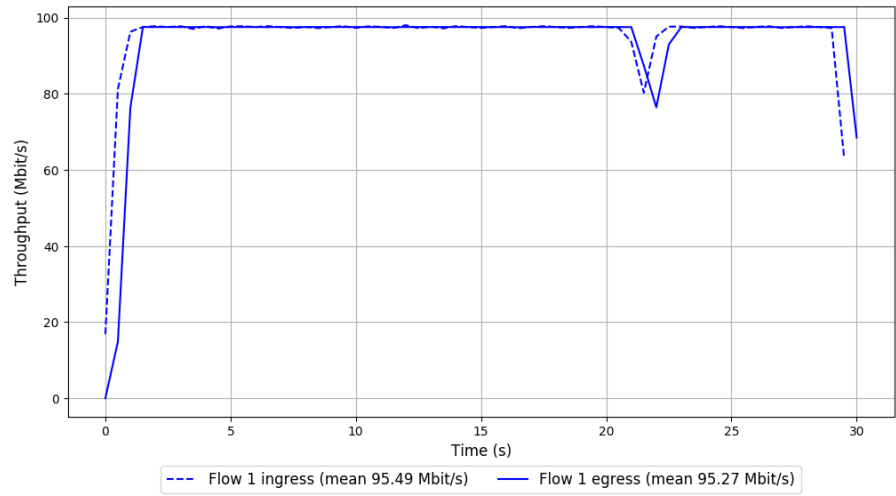


Run 5: Statistics of Indigo

Start at: 2019-02-19 21:50:50
End at: 2019-02-19 21:51:20
Local clock offset: 0.371 ms
Remote clock offset: -6.698 ms

Below is generated by plot.py at 2019-02-19 21:58:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 30.737 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 30.737 ms
Loss rate: 0.21%

Run 5: Report of Indigo — Data Link

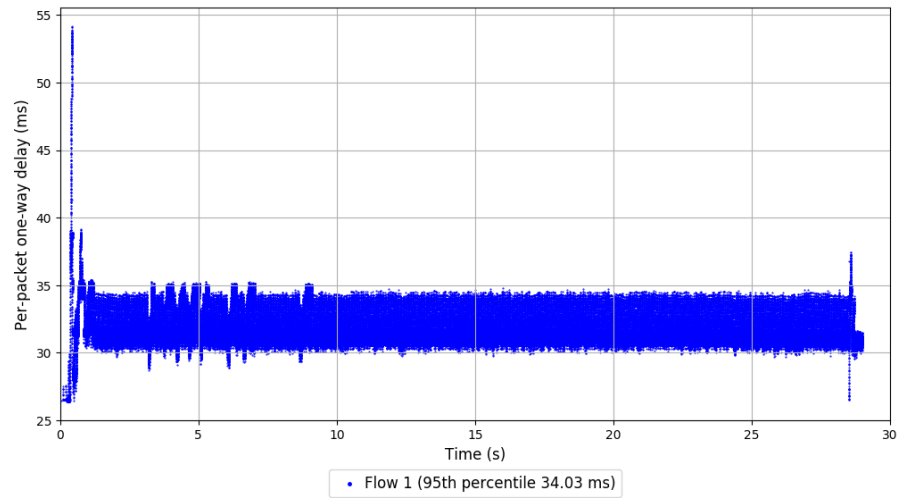
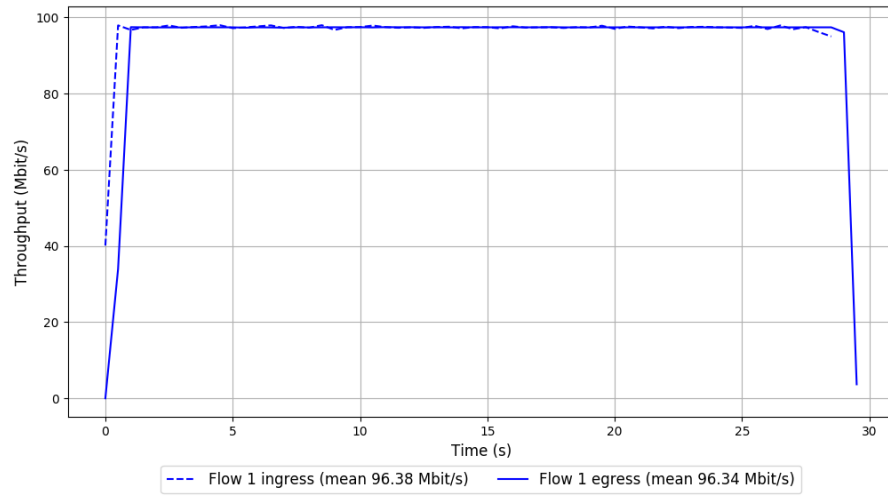


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-02-19 19:59:47
End at: 2019-02-19 20:00:17
Local clock offset: 3.024 ms
Remote clock offset: -9.628 ms

Below is generated by plot.py at 2019-02-19 21:58:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 34.032 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 34.032 ms
Loss rate: 0.03%

Run 1: Report of Indigo-MusesC3 — Data Link

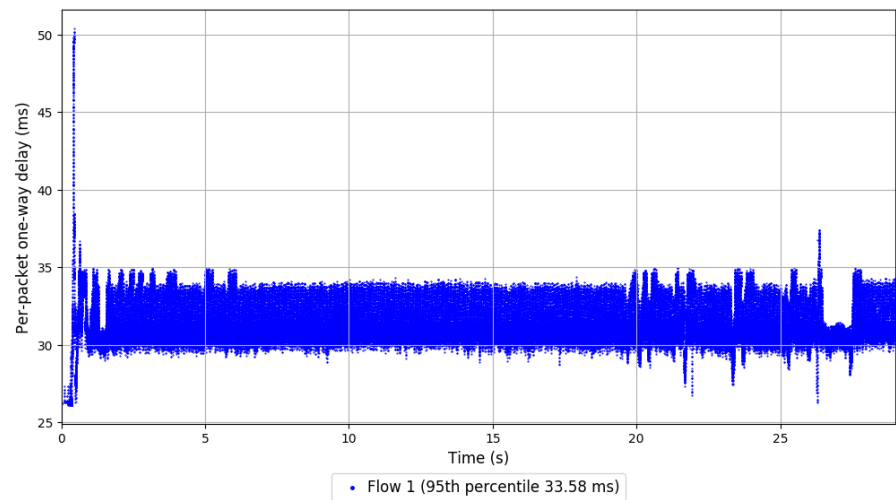
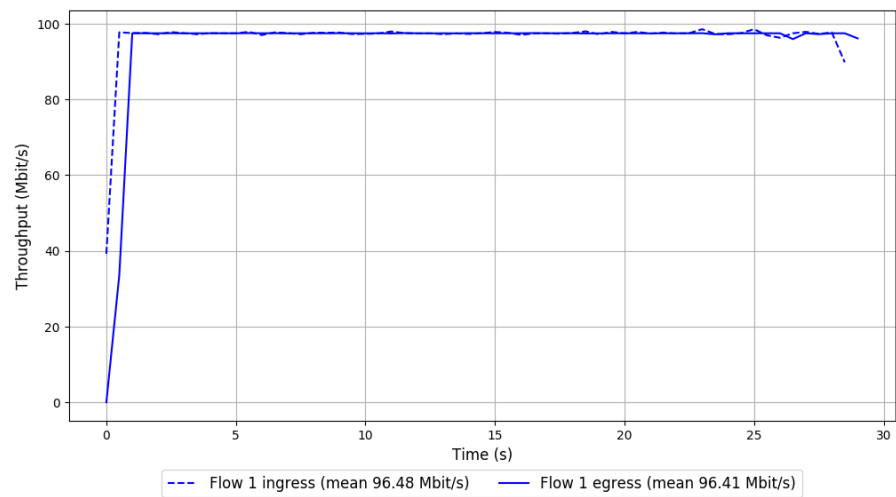


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-02-19 20:24:41
End at: 2019-02-19 20:25:12
Local clock offset: 1.697 ms
Remote clock offset: -9.275 ms

Below is generated by plot.py at 2019-02-19 21:58:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 33.582 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 33.582 ms
Loss rate: 0.06%

Run 2: Report of Indigo-MusesC3 — Data Link

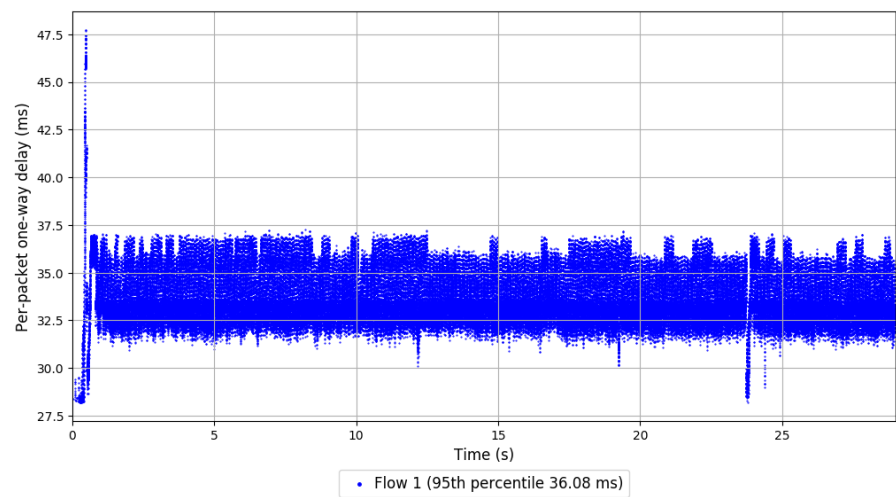
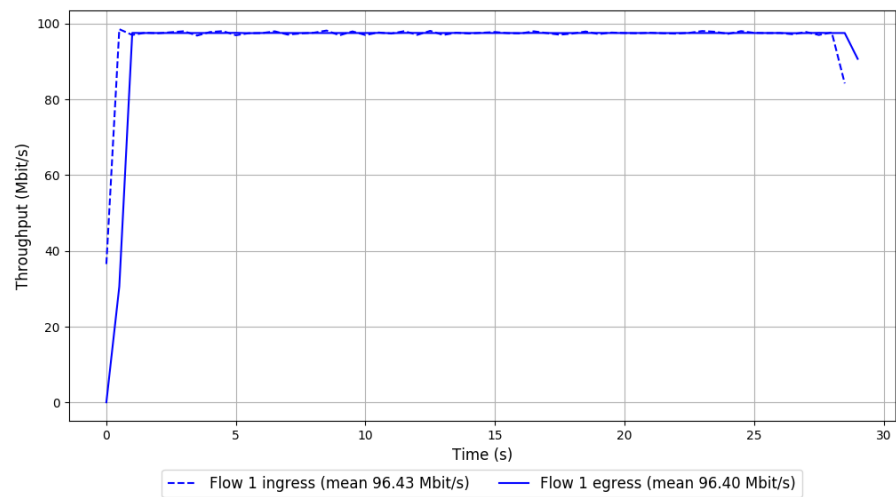


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-02-19 20:49:39
End at: 2019-02-19 20:50:09
Local clock offset: 0.974 ms
Remote clock offset: -5.714 ms

Below is generated by plot.py at 2019-02-19 21:58:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.40 Mbit/s
95th percentile per-packet one-way delay: 36.076 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.40 Mbit/s
95th percentile per-packet one-way delay: 36.076 ms
Loss rate: 0.01%

Run 3: Report of Indigo-MusesC3 — Data Link

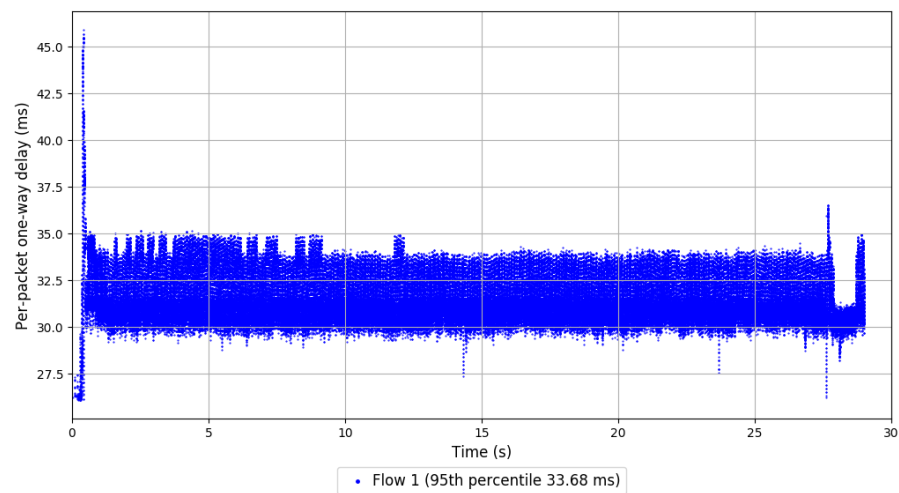
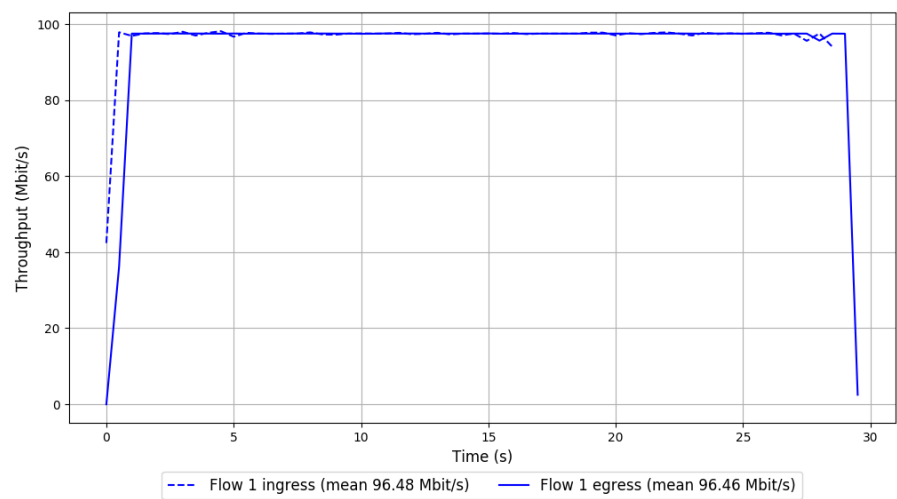


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-02-19 21:14:30
End at: 2019-02-19 21:15:00
Local clock offset: 0.692 ms
Remote clock offset: -6.821 ms

Below is generated by plot.py at 2019-02-19 21:59:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 33.683 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 33.683 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC3 — Data Link

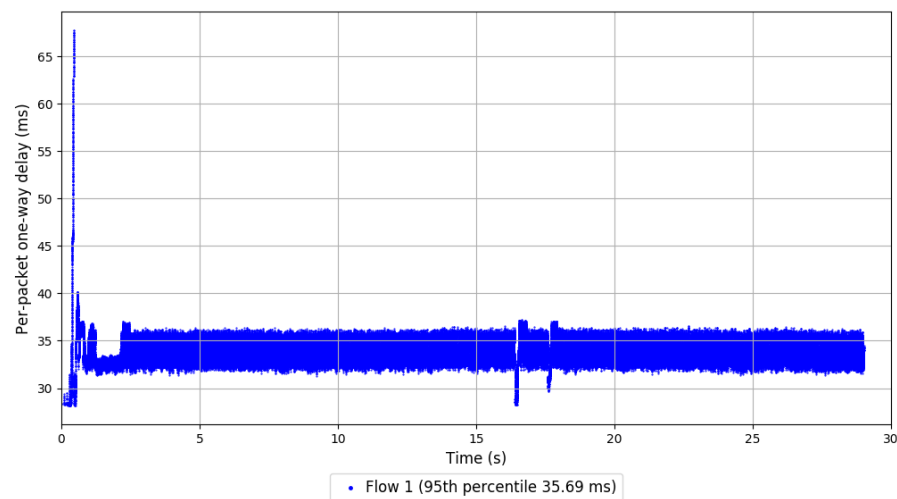
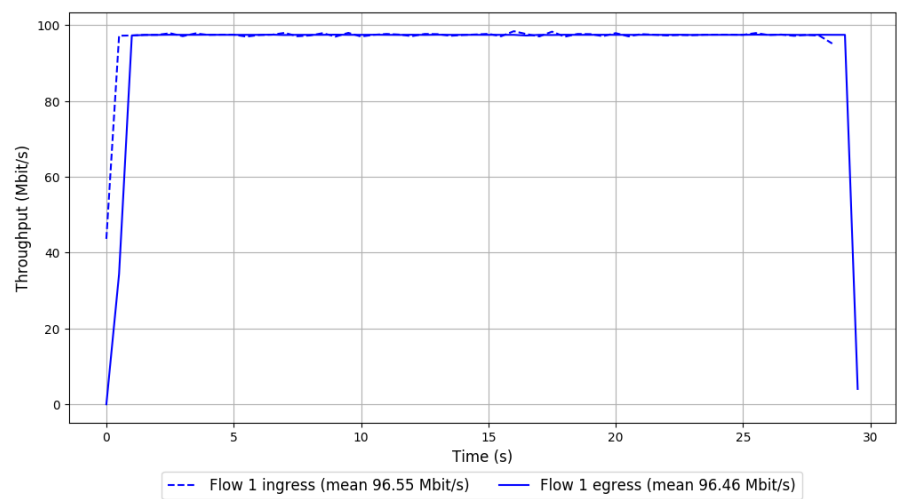


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-02-19 21:39:36
End at: 2019-02-19 21:40:06
Local clock offset: 0.454 ms
Remote clock offset: -4.444 ms

Below is generated by plot.py at 2019-02-19 21:59:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 35.691 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 35.691 ms
Loss rate: 0.07%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-02-19 20:04:37

End at: 2019-02-19 20:05:07

Local clock offset: 2.126 ms

Remote clock offset: -7.868 ms

Below is generated by plot.py at 2019-02-19 21:59:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 33.272 ms

Loss rate: 0.02%

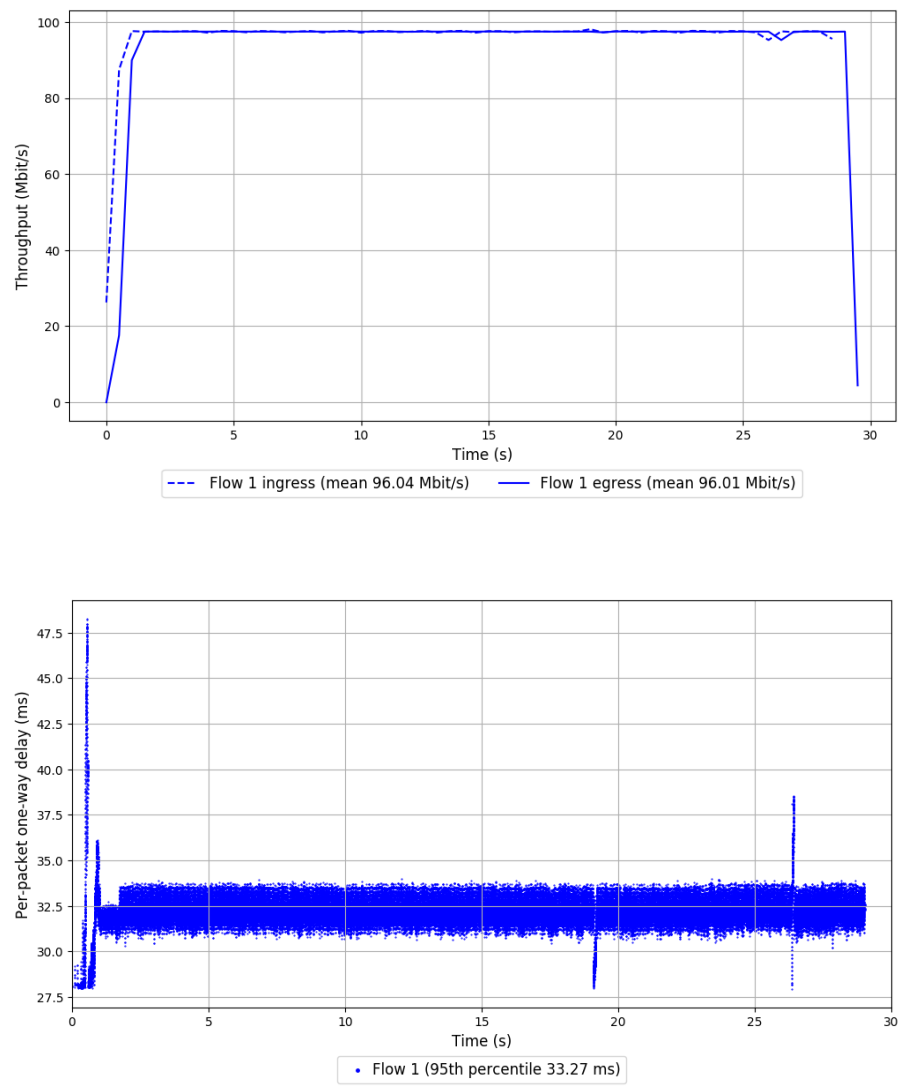
-- Flow 1:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 33.272 ms

Loss rate: 0.02%

Run 1: Report of Indigo-MusesC5 — Data Link

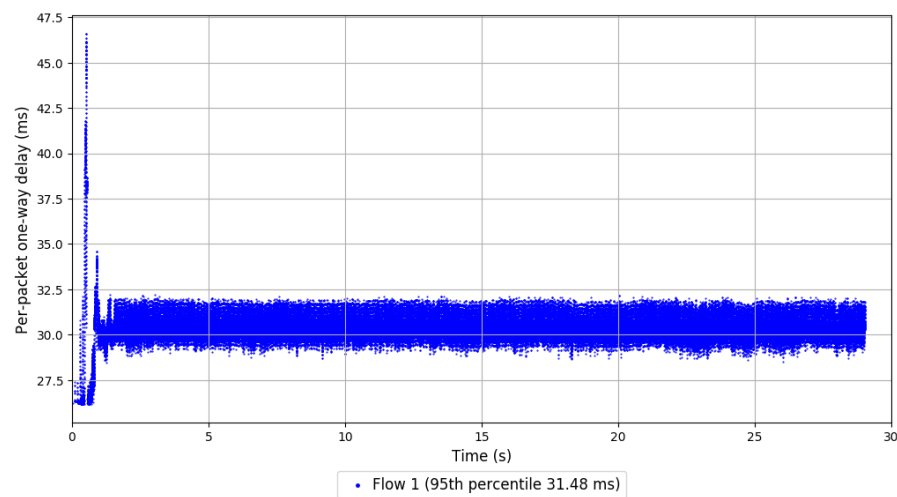
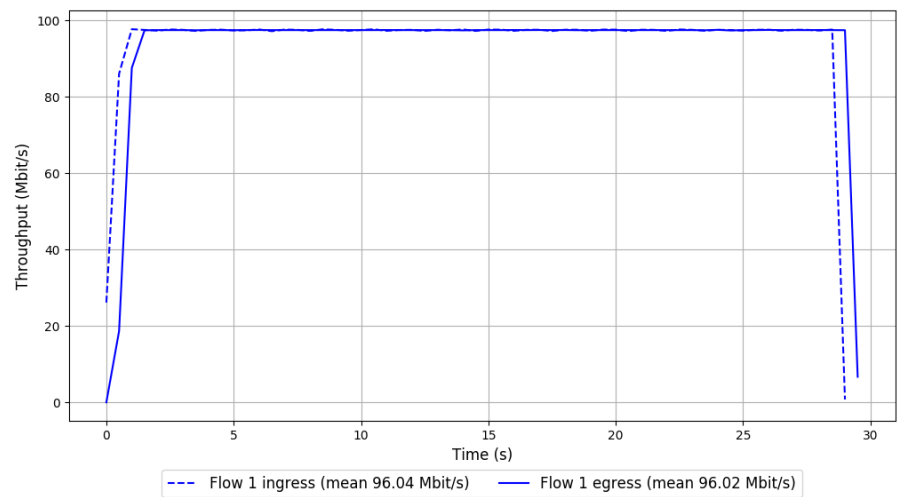


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-02-19 20:29:46
End at: 2019-02-19 20:30:16
Local clock offset: 1.915 ms
Remote clock offset: -8.976 ms

Below is generated by plot.py at 2019-02-19 21:59:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 31.475 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 31.475 ms
Loss rate: 0.01%

Run 2: Report of Indigo-MusesC5 — Data Link

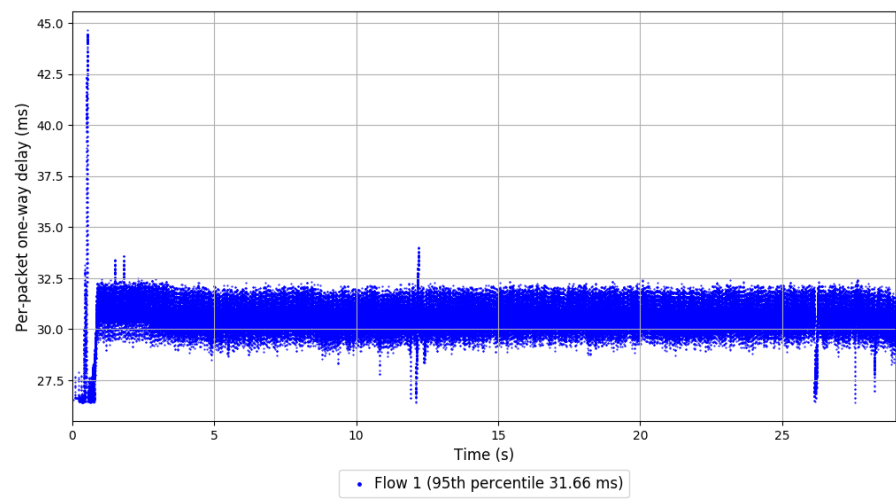
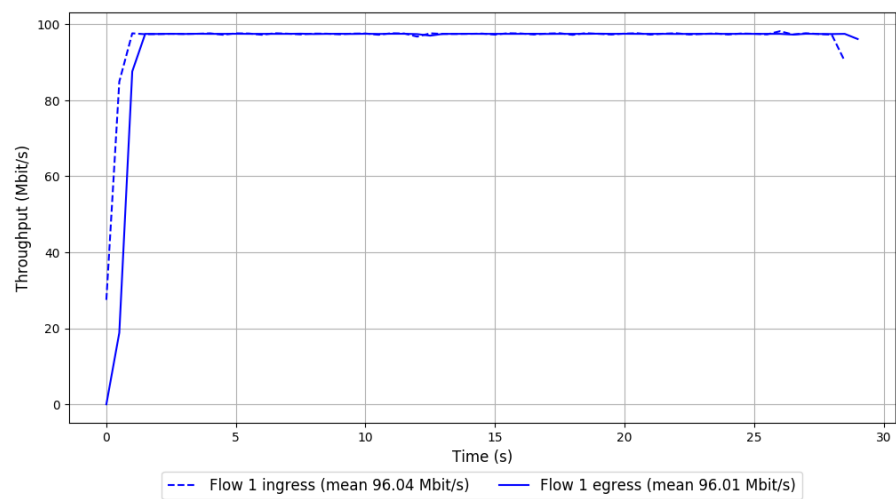


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-02-19 20:54:32
End at: 2019-02-19 20:55:02
Local clock offset: 1.116 ms
Remote clock offset: -7.245 ms

Below is generated by plot.py at 2019-02-19 21:59:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 31.659 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 31.659 ms
Loss rate: 0.01%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-02-19 21:19:19

End at: 2019-02-19 21:19:49

Local clock offset: 0.697 ms

Remote clock offset: -6.57 ms

Below is generated by plot.py at 2019-02-19 21:59:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 31.696 ms

Loss rate: 0.01%

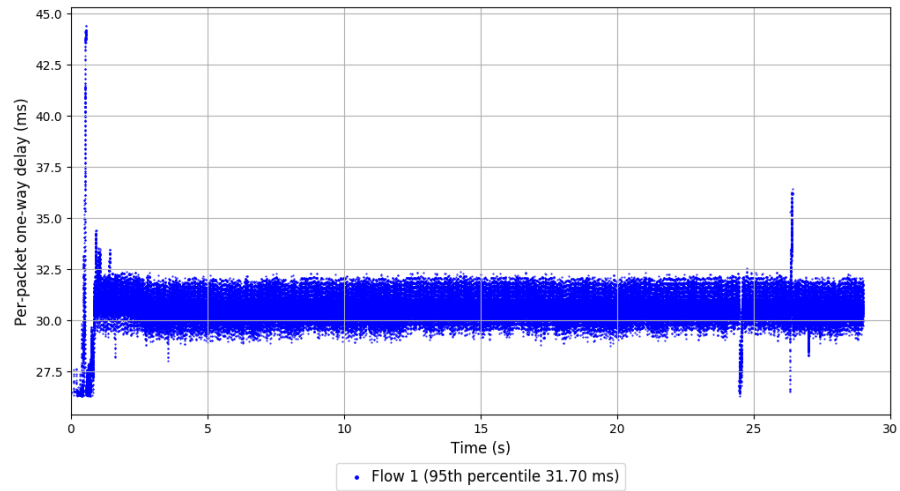
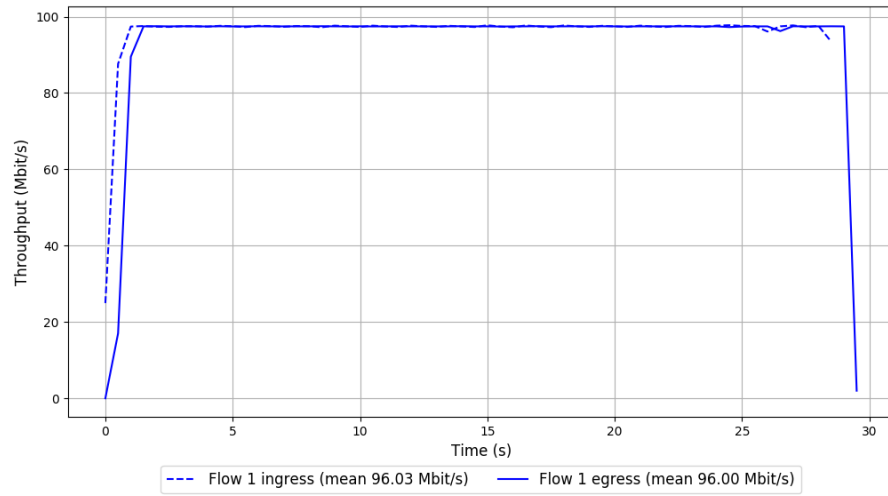
-- Flow 1:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 31.696 ms

Loss rate: 0.01%

Run 4: Report of Indigo-MusesC5 — Data Link

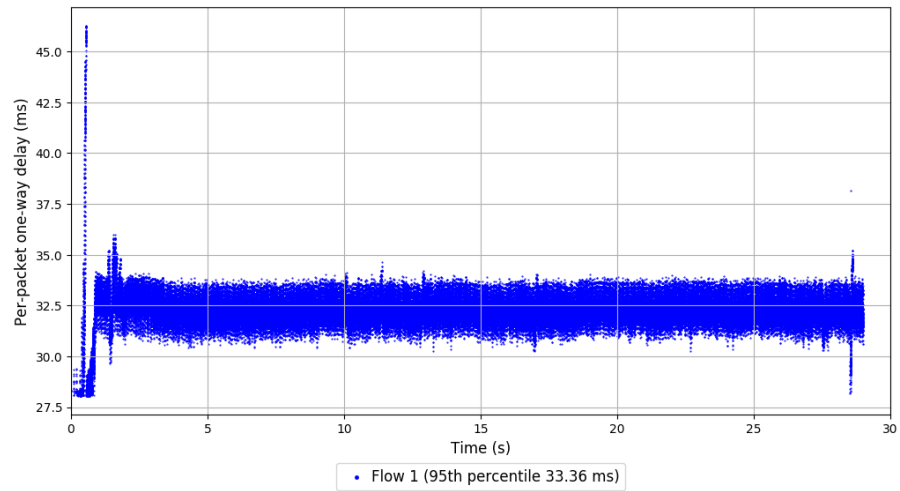
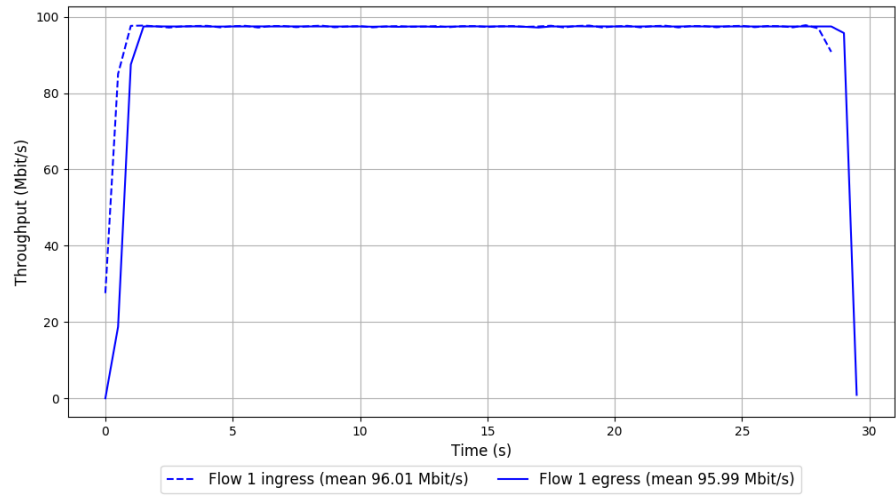


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-02-19 21:44:44
End at: 2019-02-19 21:45:14
Local clock offset: 0.394 ms
Remote clock offset: -4.577 ms

Below is generated by plot.py at 2019-02-19 21:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 33.361 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 33.361 ms
Loss rate: 0.01%

Run 5: Report of Indigo-MusesC5 — Data Link

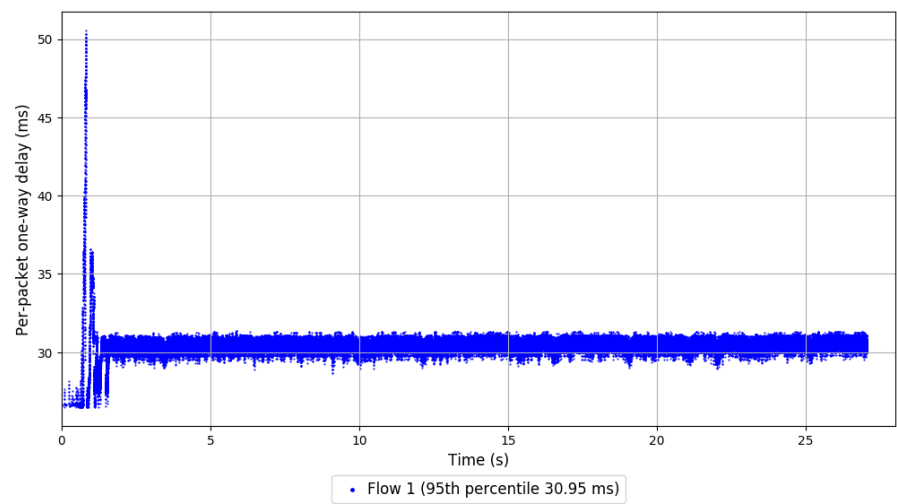
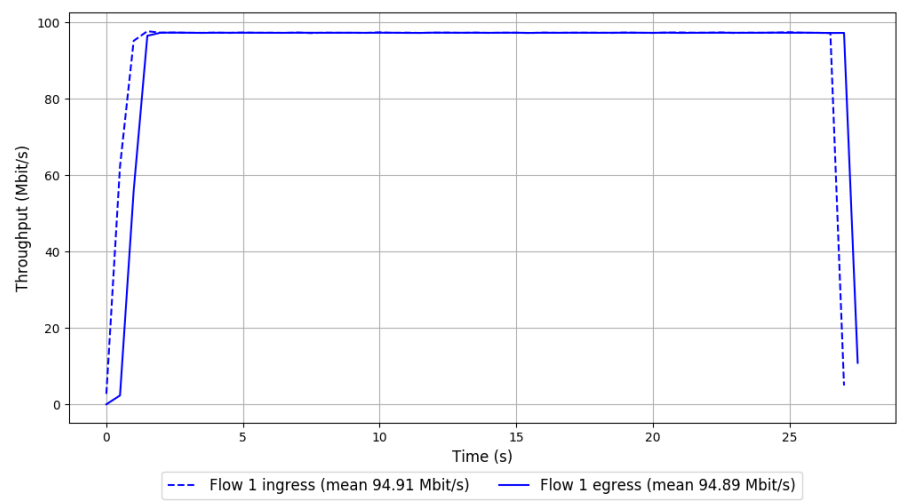



```
Run 1: Statistics of Indigo-MusesD

Start at: 2019-02-19 19:57:27
End at: 2019-02-19 19:57:57
Local clock offset: 2.855 ms
Remote clock offset: -9.573 ms

# Below is generated by plot.py at 2019-02-19 21:59:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 30.947 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 30.947 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-02-19 20:22:20

End at: 2019-02-19 20:22:50

Local clock offset: 1.608 ms

Remote clock offset: -9.115 ms

Below is generated by plot.py at 2019-02-19 22:00:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 30.550 ms

Loss rate: 0.02%

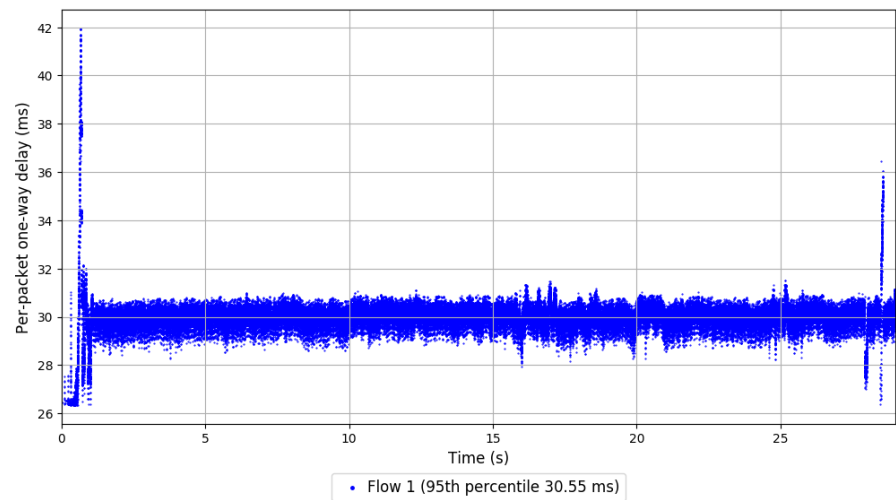
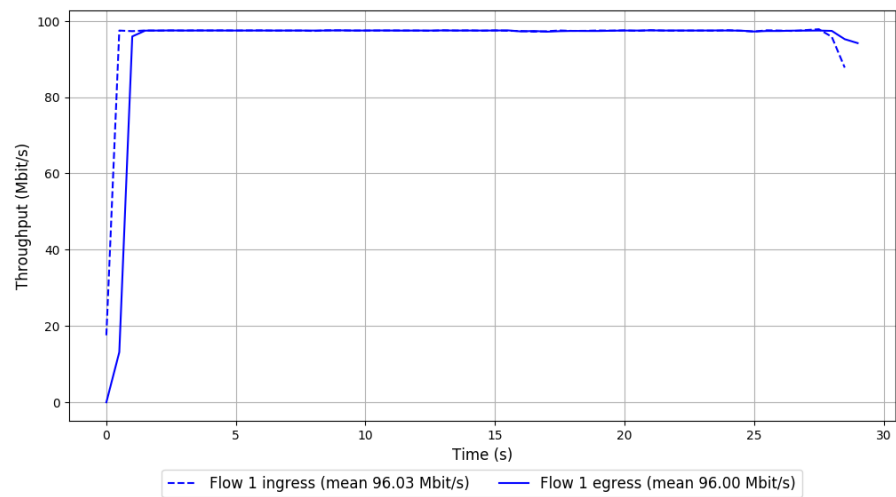
-- Flow 1:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 30.550 ms

Loss rate: 0.02%

Run 2: Report of Indigo-MusesD — Data Link

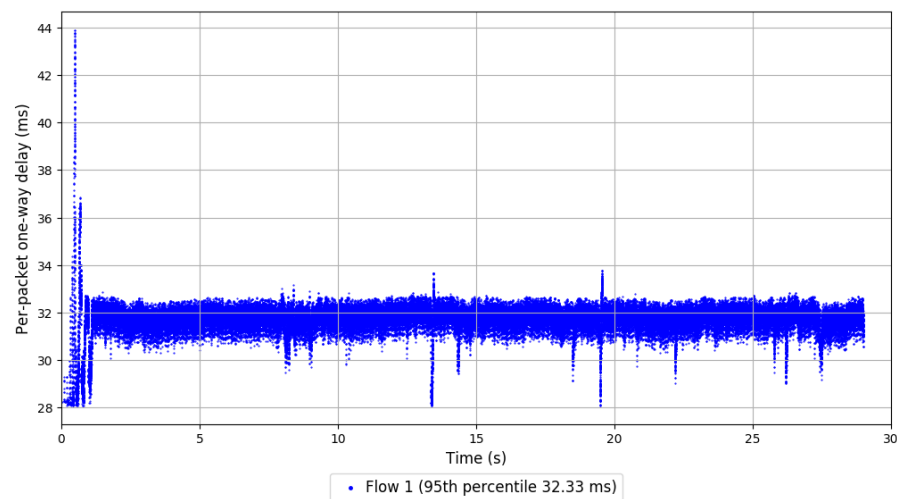
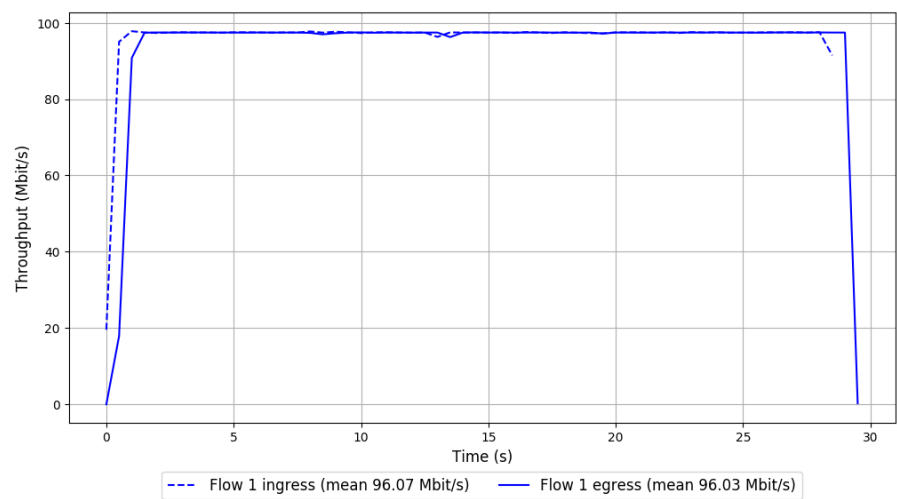


Run 3: Statistics of Indigo-MusesD

Start at: 2019-02-19 20:47:21
End at: 2019-02-19 20:47:51
Local clock offset: 0.955 ms
Remote clock offset: -5.862 ms

Below is generated by plot.py at 2019-02-19 22:00:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 32.330 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 32.330 ms
Loss rate: 0.03%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-02-19 21:12:10

End at: 2019-02-19 21:12:40

Local clock offset: 0.701 ms

Remote clock offset: -6.975 ms

Below is generated by plot.py at 2019-02-19 22:00:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 30.060 ms

Loss rate: 0.08%

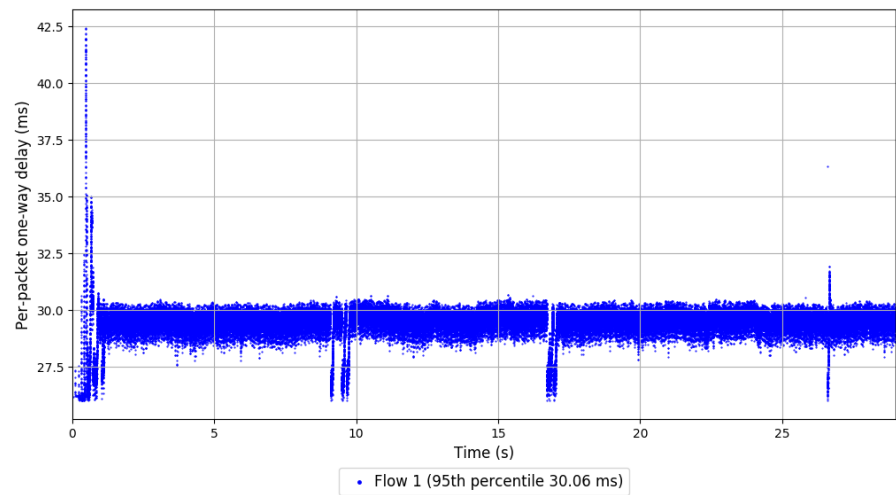
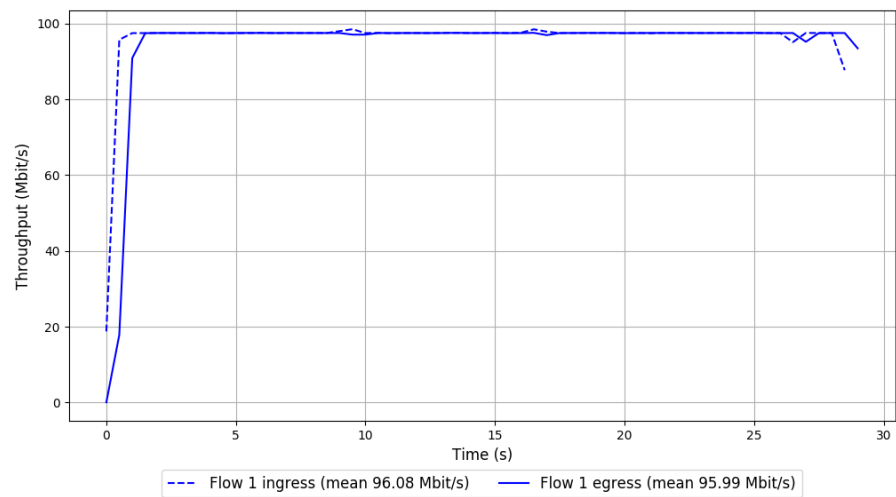
-- Flow 1:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 30.060 ms

Loss rate: 0.08%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-02-19 21:37:14

End at: 2019-02-19 21:37:44

Local clock offset: 0.514 ms

Remote clock offset: -6.384 ms

Below is generated by plot.py at 2019-02-19 22:00:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.04 Mbit/s

95th percentile per-packet one-way delay: 31.310 ms

Loss rate: 0.15%

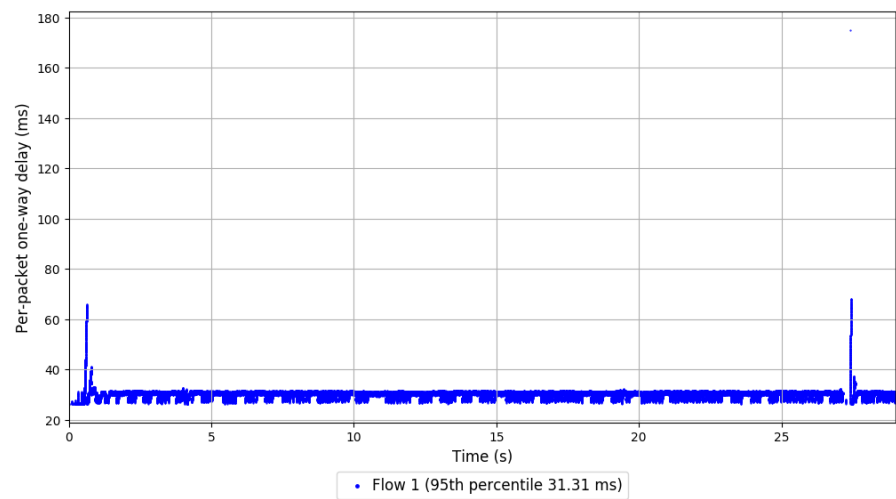
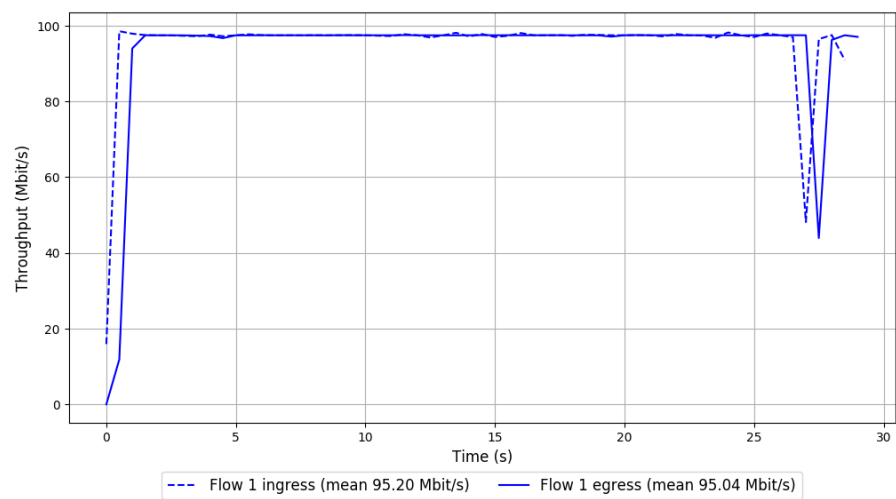
-- Flow 1:

Average throughput: 95.04 Mbit/s

95th percentile per-packet one-way delay: 31.310 ms

Loss rate: 0.15%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-02-19 20:02:14

End at: 2019-02-19 20:02:44

Local clock offset: 2.533 ms

Remote clock offset: -9.653 ms

Below is generated by plot.py at 2019-02-19 22:01:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 37.891 ms

Loss rate: 0.92%

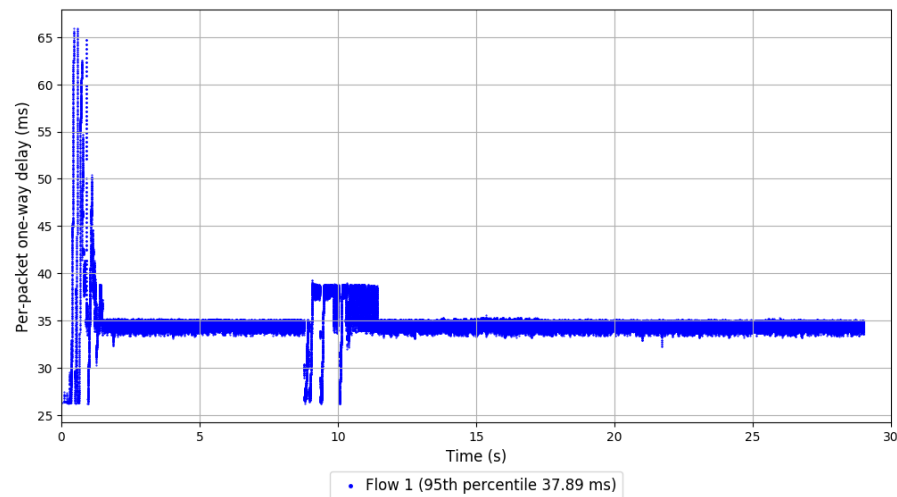
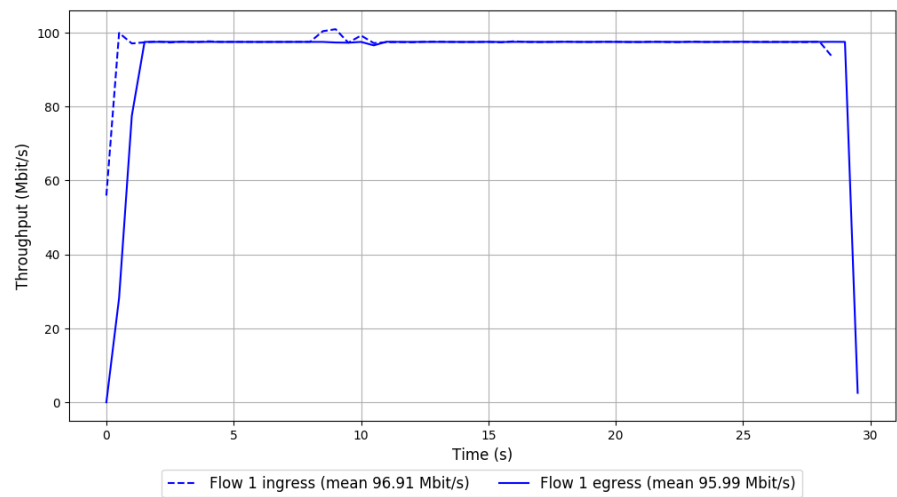
-- Flow 1:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 37.891 ms

Loss rate: 0.92%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-02-19 20:27:17

End at: 2019-02-19 20:27:47

Local clock offset: 1.803 ms

Remote clock offset: -9.105 ms

Below is generated by plot.py at 2019-02-19 22:01:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.05 Mbit/s

95th percentile per-packet one-way delay: 34.864 ms

Loss rate: 0.75%

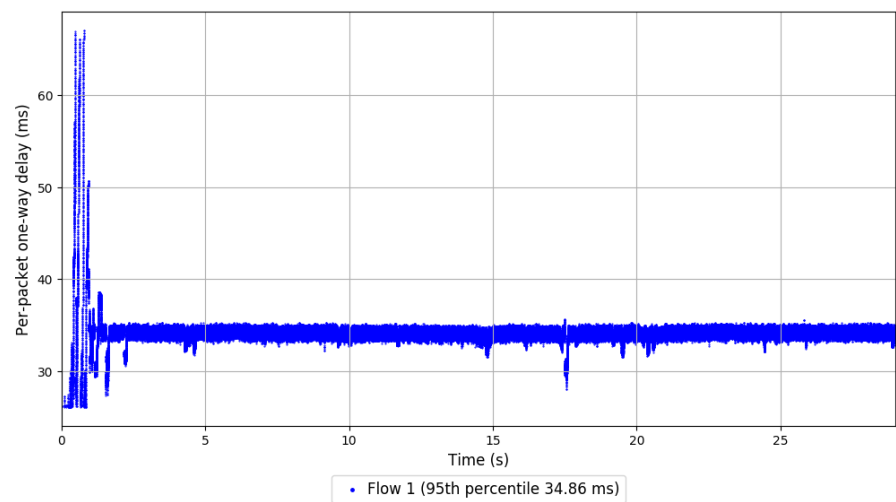
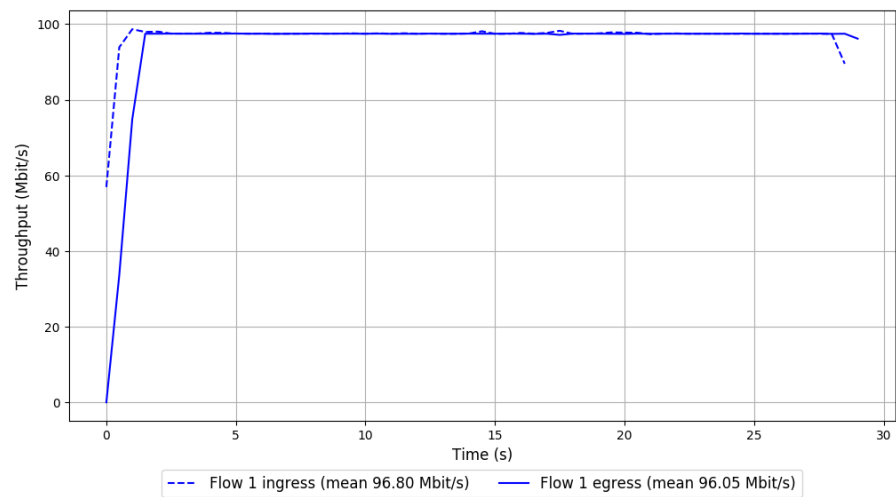
-- Flow 1:

Average throughput: 96.05 Mbit/s

95th percentile per-packet one-way delay: 34.864 ms

Loss rate: 0.75%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-02-19 20:52:06

End at: 2019-02-19 20:52:36

Local clock offset: 1.064 ms

Remote clock offset: -5.567 ms

Below is generated by plot.py at 2019-02-19 22:01:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.91 Mbit/s

95th percentile per-packet one-way delay: 39.565 ms

Loss rate: 1.37%

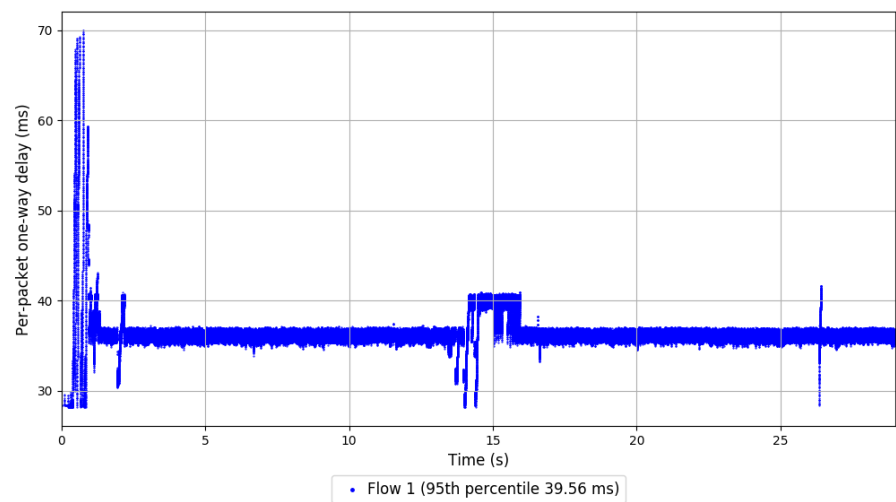
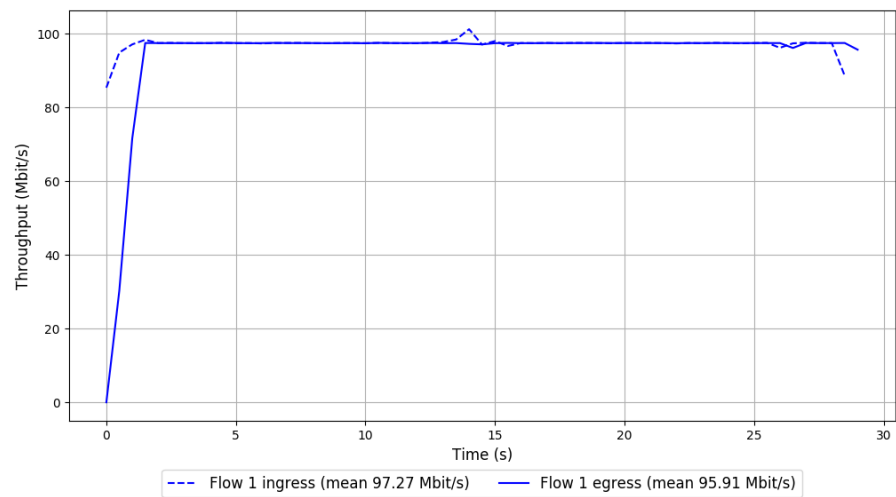
-- Flow 1:

Average throughput: 95.91 Mbit/s

95th percentile per-packet one-way delay: 39.565 ms

Loss rate: 1.37%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-02-19 21:16:54

End at: 2019-02-19 21:17:24

Local clock offset: 0.699 ms

Remote clock offset: -6.84 ms

Below is generated by plot.py at 2019-02-19 22:01:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 34.833 ms

Loss rate: 0.98%

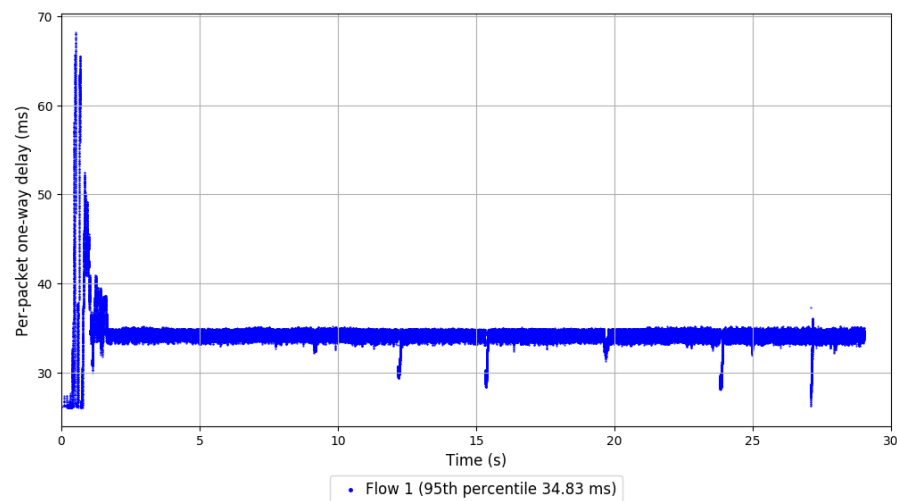
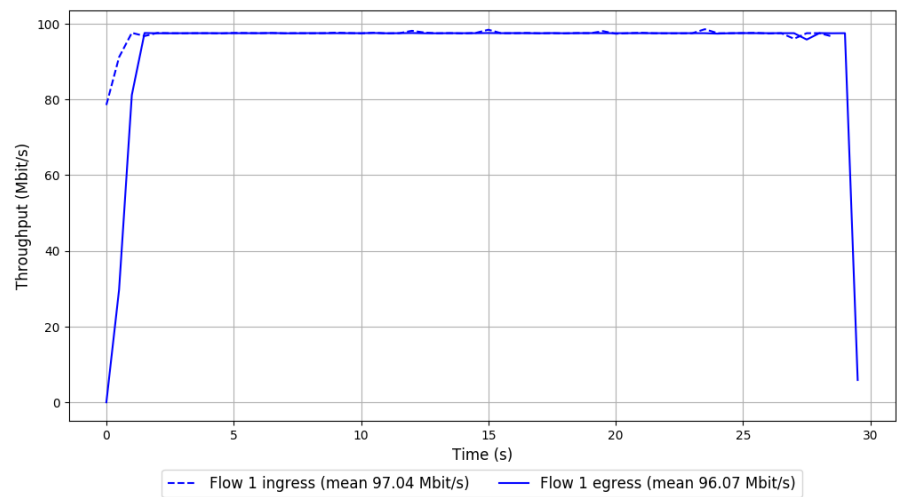
-- Flow 1:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 34.833 ms

Loss rate: 0.98%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-02-19 21:42:08

End at: 2019-02-19 21:42:39

Local clock offset: 0.401 ms

Remote clock offset: -6.253 ms

Below is generated by plot.py at 2019-02-19 22:01:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.96 Mbit/s

95th percentile per-packet one-way delay: 36.024 ms

Loss rate: 0.99%

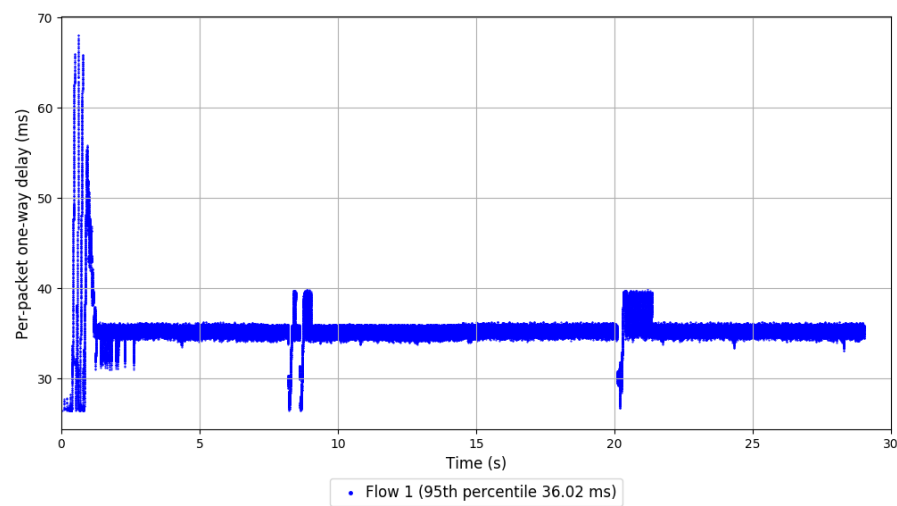
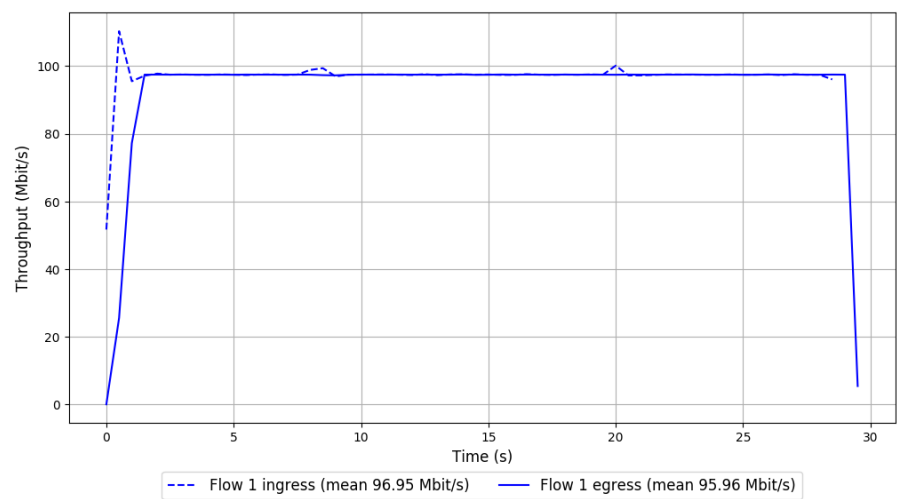
-- Flow 1:

Average throughput: 95.96 Mbit/s

95th percentile per-packet one-way delay: 36.024 ms

Loss rate: 0.99%

Run 5: Report of Indigo-MusesT — Data Link

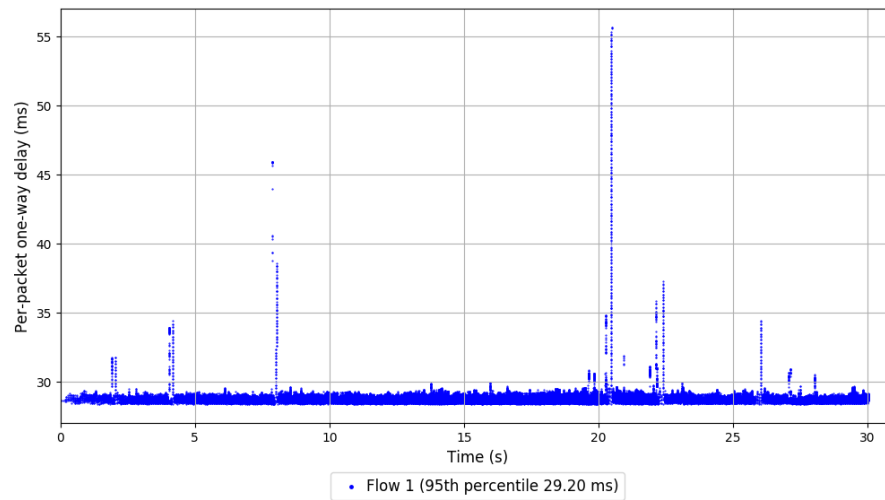
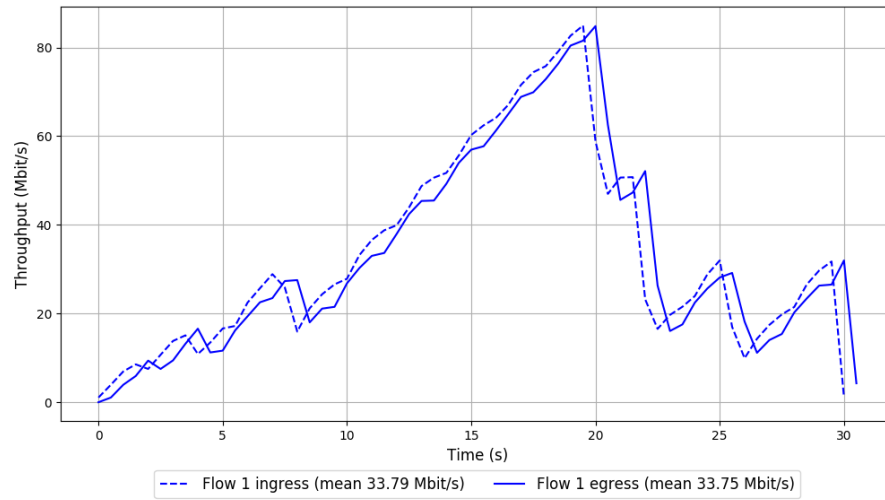


Run 1: Statistics of LEDBAT

Start at: 2019-02-19 19:51:21
End at: 2019-02-19 19:51:51
Local clock offset: 2.523 ms
Remote clock offset: -7.671 ms

Below is generated by plot.py at 2019-02-19 22:01:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.75 Mbit/s
95th percentile per-packet one-way delay: 29.195 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 33.75 Mbit/s
95th percentile per-packet one-way delay: 29.195 ms
Loss rate: 0.14%

Run 1: Report of LEDBAT — Data Link

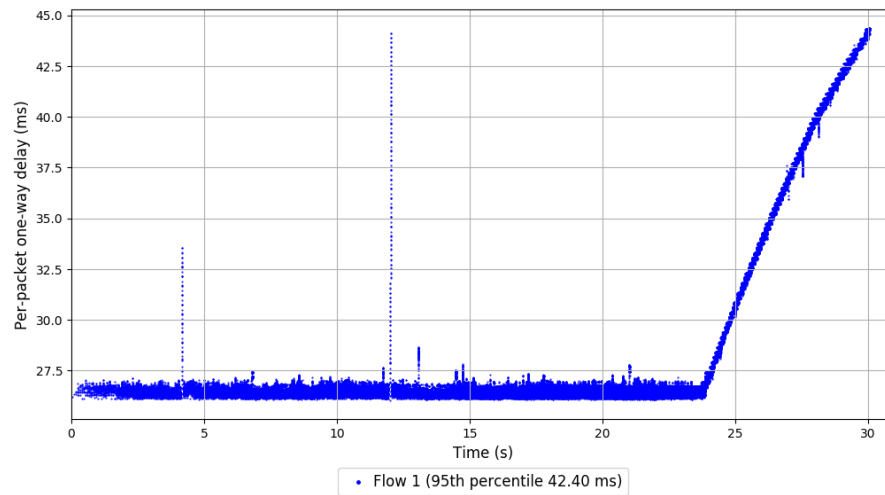
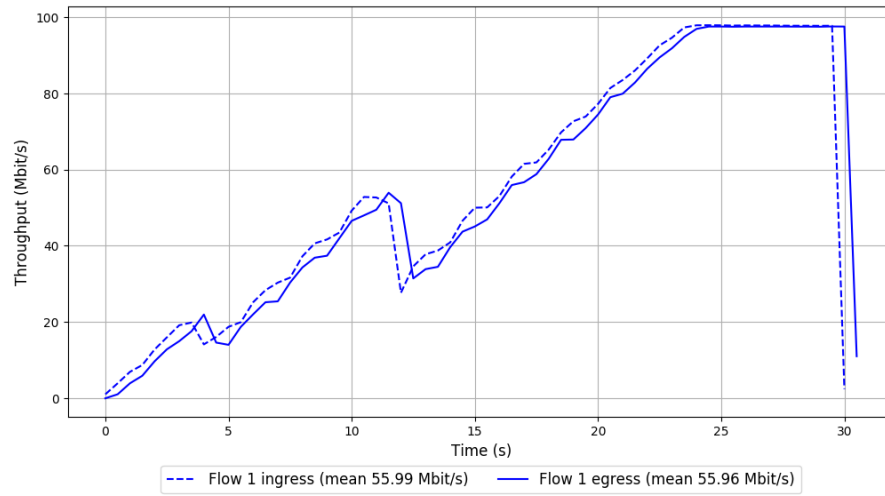


Run 2: Statistics of LEDBAT

Start at: 2019-02-19 20:16:15
End at: 2019-02-19 20:16:45
Local clock offset: 1.478 ms
Remote clock offset: -9.545 ms

Below is generated by plot.py at 2019-02-19 22:01:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.96 Mbit/s
95th percentile per-packet one-way delay: 42.399 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.96 Mbit/s
95th percentile per-packet one-way delay: 42.399 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-02-19 20:41:36

End at: 2019-02-19 20:42:06

Local clock offset: 0.981 ms

Remote clock offset: -7.99 ms

Below is generated by plot.py at 2019-02-19 22:01:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.09 Mbit/s

95th percentile per-packet one-way delay: 53.319 ms

Loss rate: 0.00%

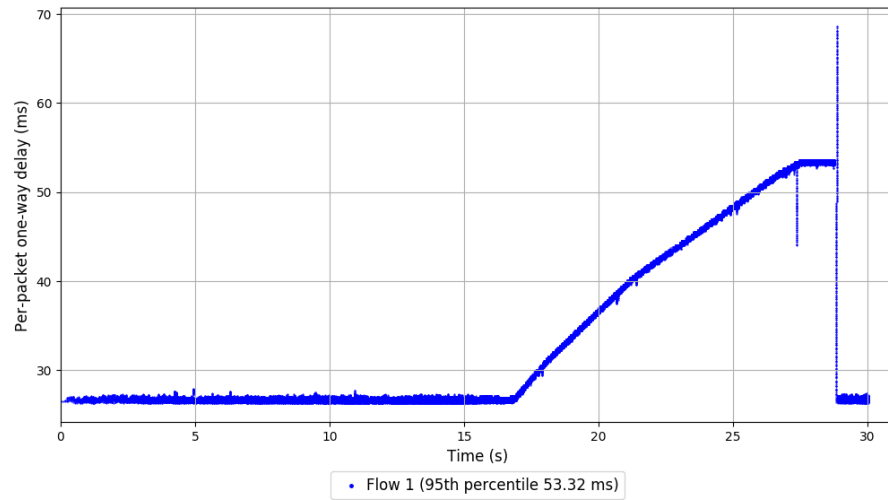
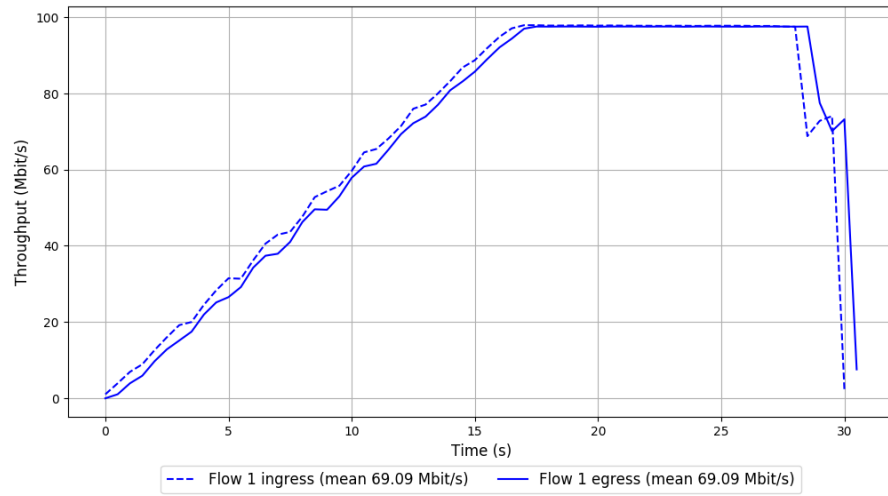
-- Flow 1:

Average throughput: 69.09 Mbit/s

95th percentile per-packet one-way delay: 53.319 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

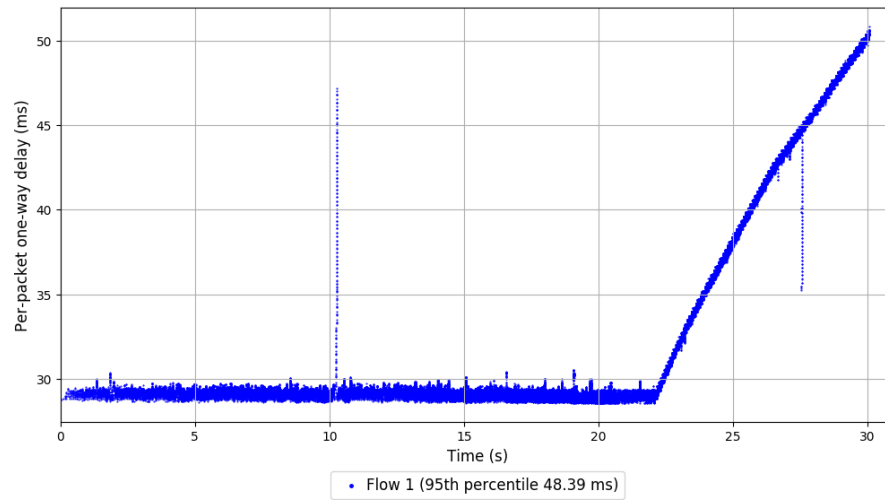
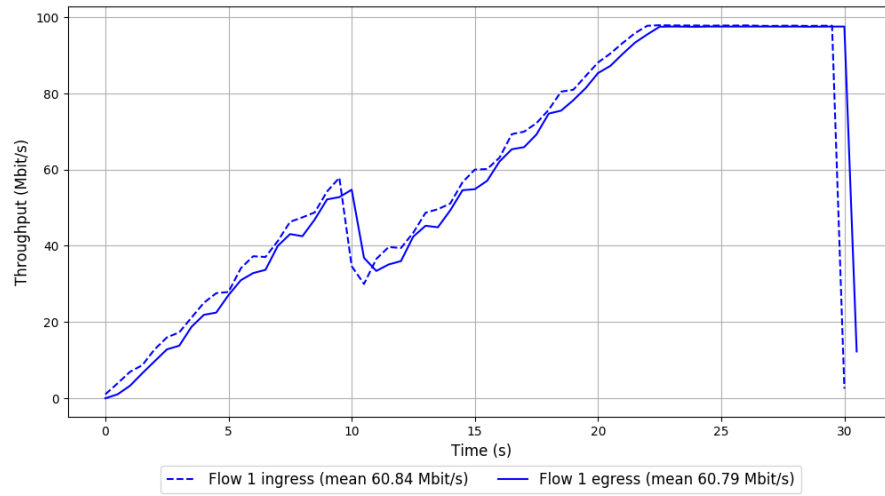


Run 4: Statistics of LEDBAT

Start at: 2019-02-19 21:06:16
End at: 2019-02-19 21:06:46
Local clock offset: 0.861 ms
Remote clock offset: -4.534 ms

Below is generated by plot.py at 2019-02-19 22:01:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.79 Mbit/s
95th percentile per-packet one-way delay: 48.392 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.79 Mbit/s
95th percentile per-packet one-way delay: 48.392 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

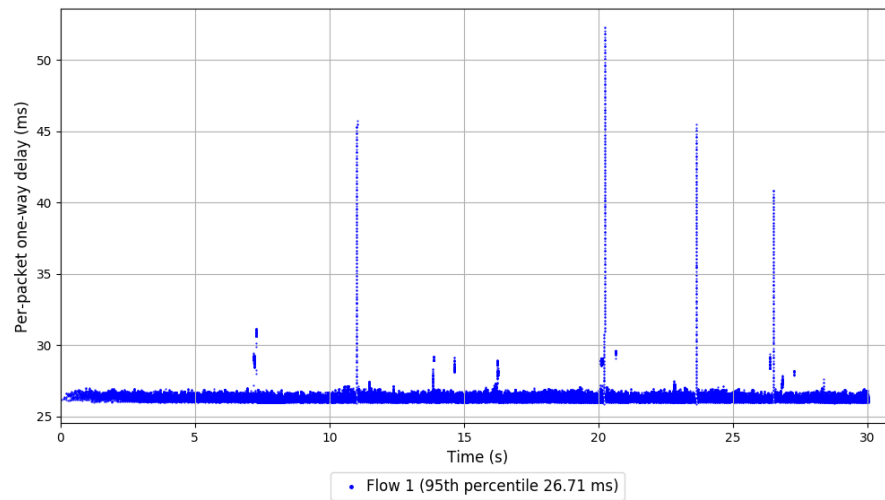
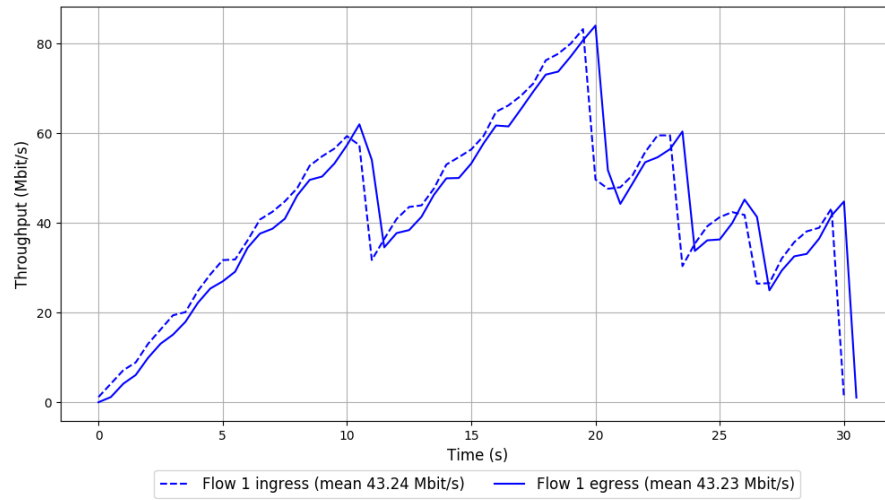


Run 5: Statistics of LEDBAT

Start at: 2019-02-19 21:31:07
End at: 2019-02-19 21:31:37
Local clock offset: 0.779 ms
Remote clock offset: -6.721 ms

Below is generated by plot.py at 2019-02-19 22:01:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.23 Mbit/s
95th percentile per-packet one-way delay: 26.711 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 43.23 Mbit/s
95th percentile per-packet one-way delay: 26.711 ms
Loss rate: 0.03%

Run 5: Report of LEDBAT — Data Link

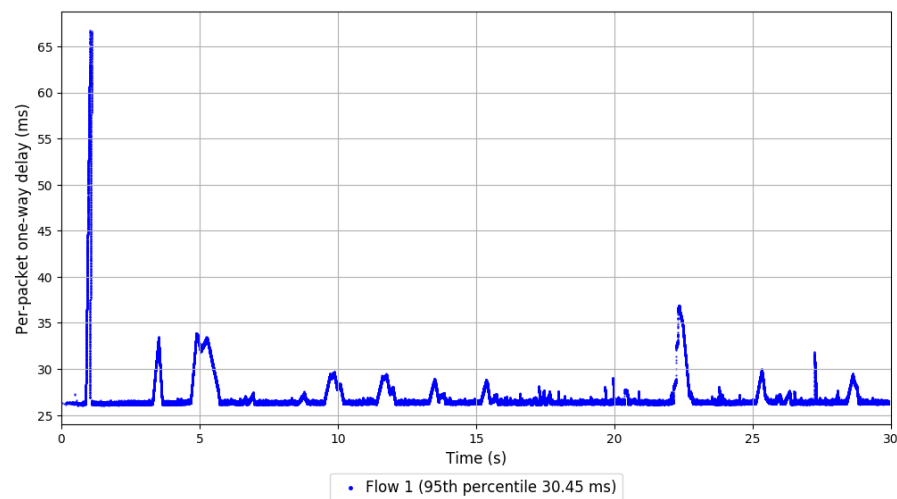
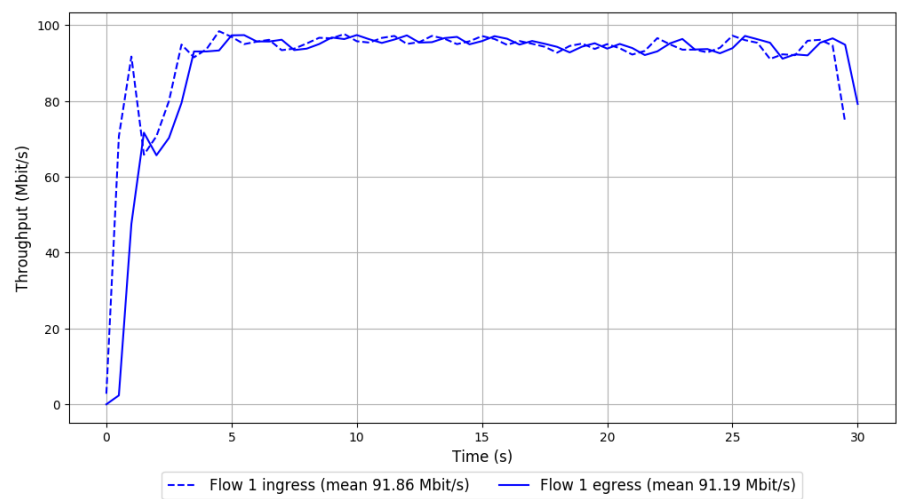


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-02-19 19:53:40
End at: 2019-02-19 19:54:10
Local clock offset: 2.636 ms
Remote clock offset: -10.017 ms

# Below is generated by plot.py at 2019-02-19 22:02:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.19 Mbit/s
95th percentile per-packet one-way delay: 30.449 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 91.19 Mbit/s
95th percentile per-packet one-way delay: 30.449 ms
Loss rate: 0.73%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-02-19 20:18:38

End at: 2019-02-19 20:19:08

Local clock offset: 1.514 ms

Remote clock offset: -9.118 ms

Below is generated by plot.py at 2019-02-19 22:02:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.43 Mbit/s

95th percentile per-packet one-way delay: 31.736 ms

Loss rate: 0.72%

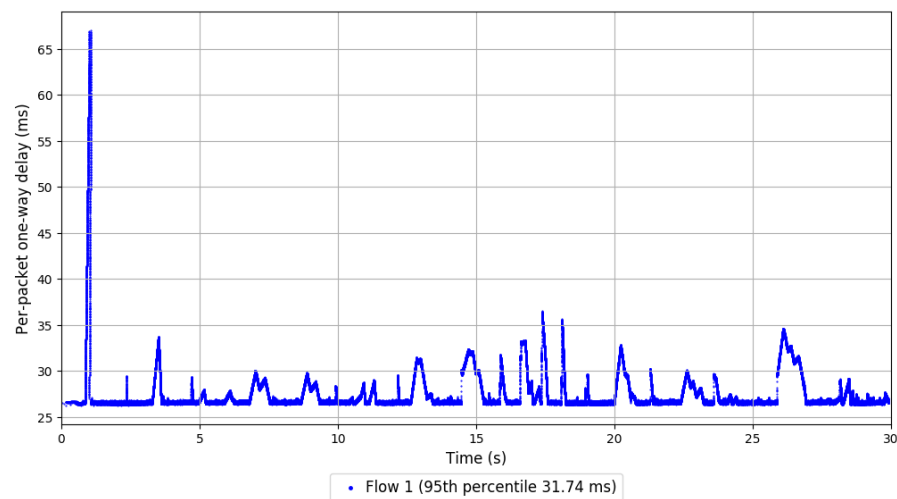
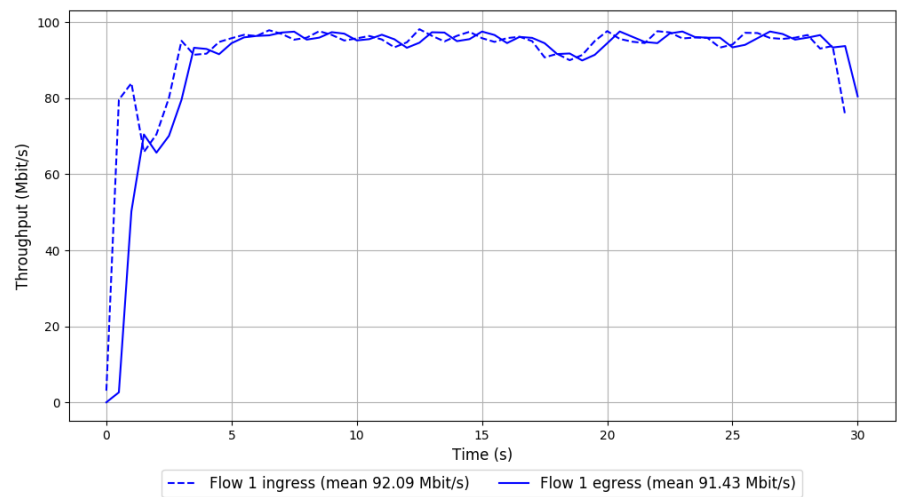
-- Flow 1:

Average throughput: 91.43 Mbit/s

95th percentile per-packet one-way delay: 31.736 ms

Loss rate: 0.72%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-02-19 20:43:52

End at: 2019-02-19 20:44:22

Local clock offset: 0.943 ms

Remote clock offset: -7.903 ms

Below is generated by plot.py at 2019-02-19 22:02:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.99 Mbit/s

95th percentile per-packet one-way delay: 32.863 ms

Loss rate: 0.70%

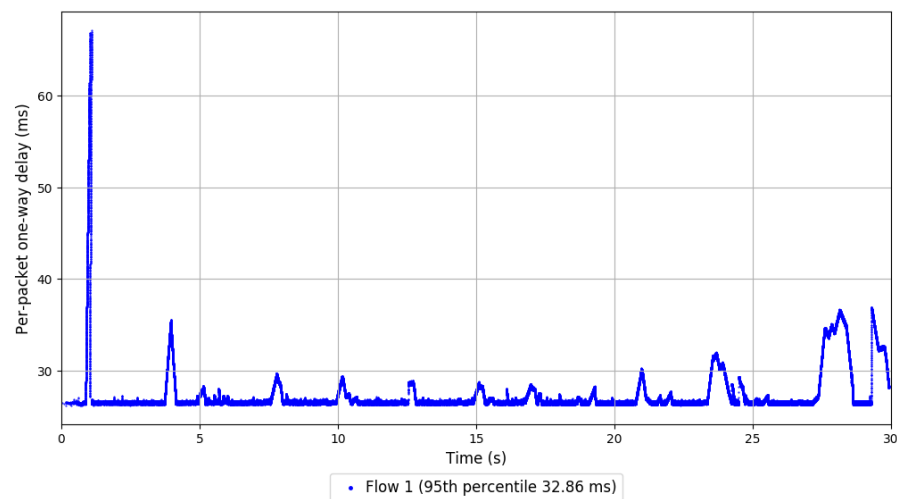
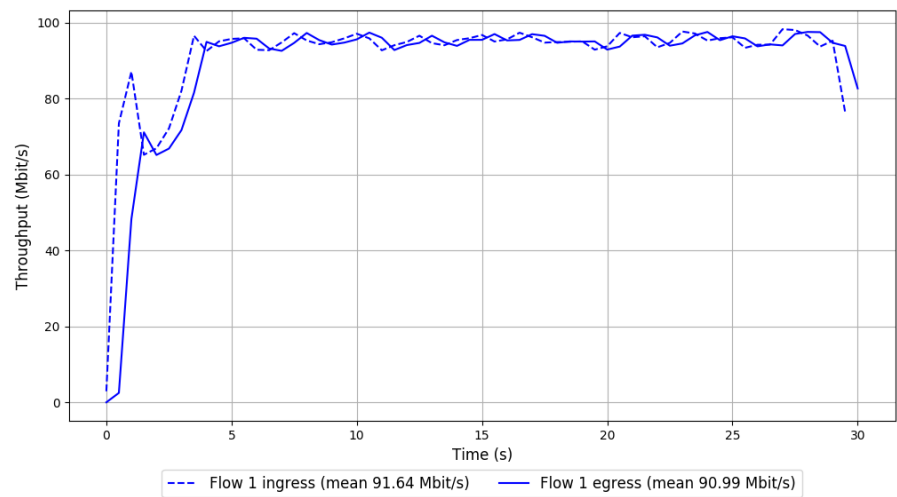
-- Flow 1:

Average throughput: 90.99 Mbit/s

95th percentile per-packet one-way delay: 32.863 ms

Loss rate: 0.70%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-02-19 21:08:35

End at: 2019-02-19 21:09:05

Local clock offset: 0.777 ms

Remote clock offset: -6.971 ms

Below is generated by plot.py at 2019-02-19 22:02:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.74 Mbit/s

95th percentile per-packet one-way delay: 50.700 ms

Loss rate: 0.90%

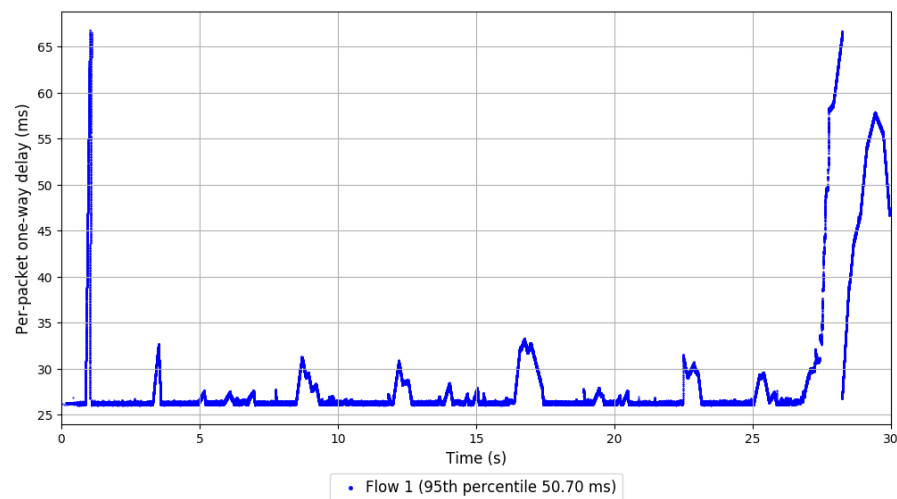
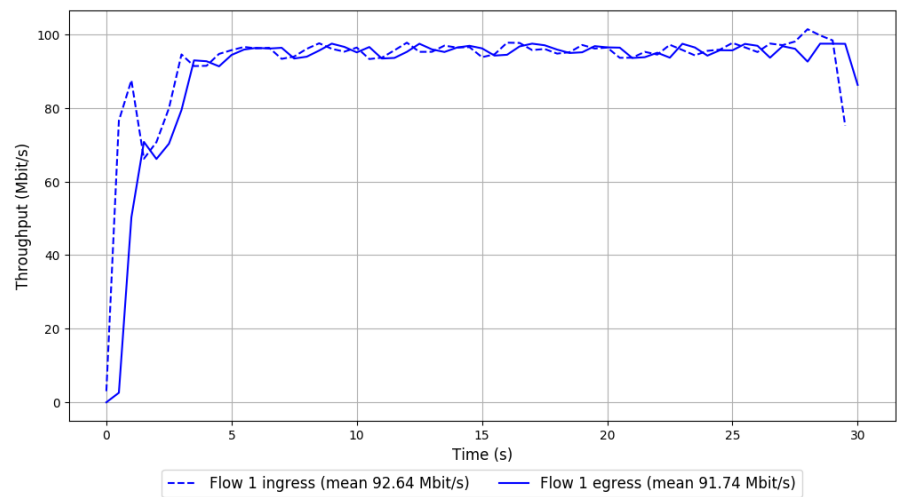
-- Flow 1:

Average throughput: 91.74 Mbit/s

95th percentile per-packet one-way delay: 50.700 ms

Loss rate: 0.90%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-02-19 21:33:26

End at: 2019-02-19 21:33:56

Local clock offset: 0.648 ms

Remote clock offset: -6.479 ms

Below is generated by plot.py at 2019-02-19 22:02:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.09 Mbit/s

95th percentile per-packet one-way delay: 28.784 ms

Loss rate: 0.70%

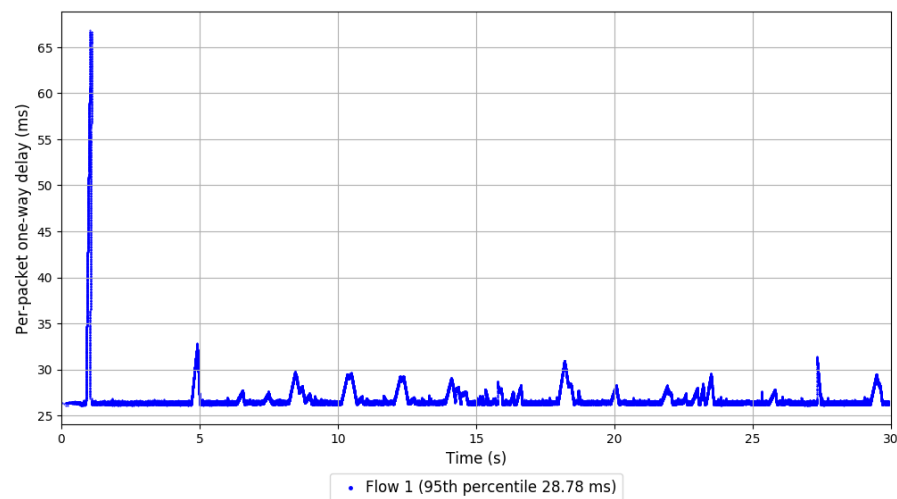
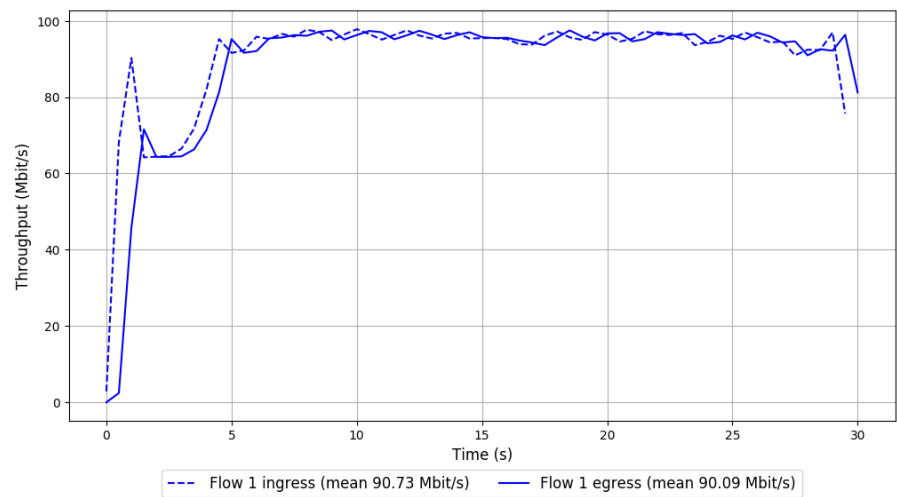
-- Flow 1:

Average throughput: 90.09 Mbit/s

95th percentile per-packet one-way delay: 28.784 ms

Loss rate: 0.70%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

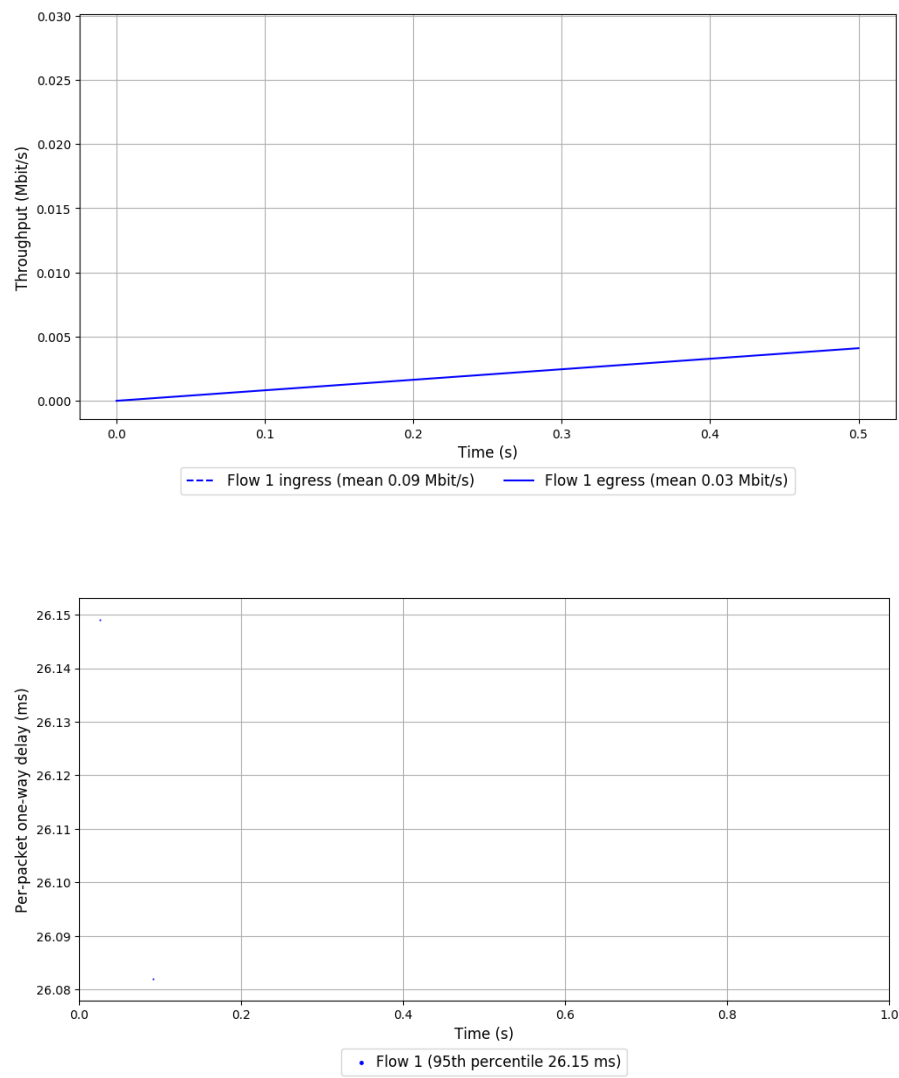
Start at: 2019-02-19 20:09:16

End at: 2019-02-19 20:09:46

Local clock offset: 1.651 ms

Remote clock offset: -9.818 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

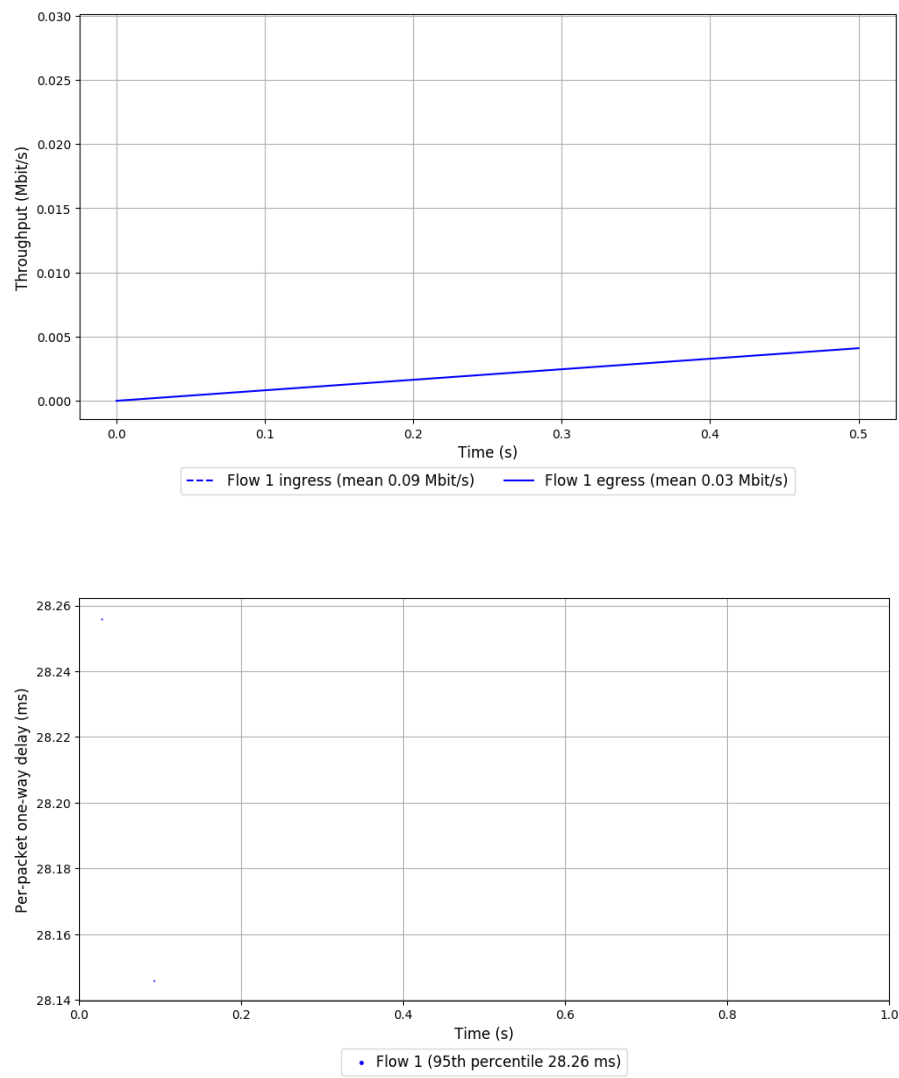
Start at: 2019-02-19 20:34:34

End at: 2019-02-19 20:35:04

Local clock offset: 1.328 ms

Remote clock offset: -6.674 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

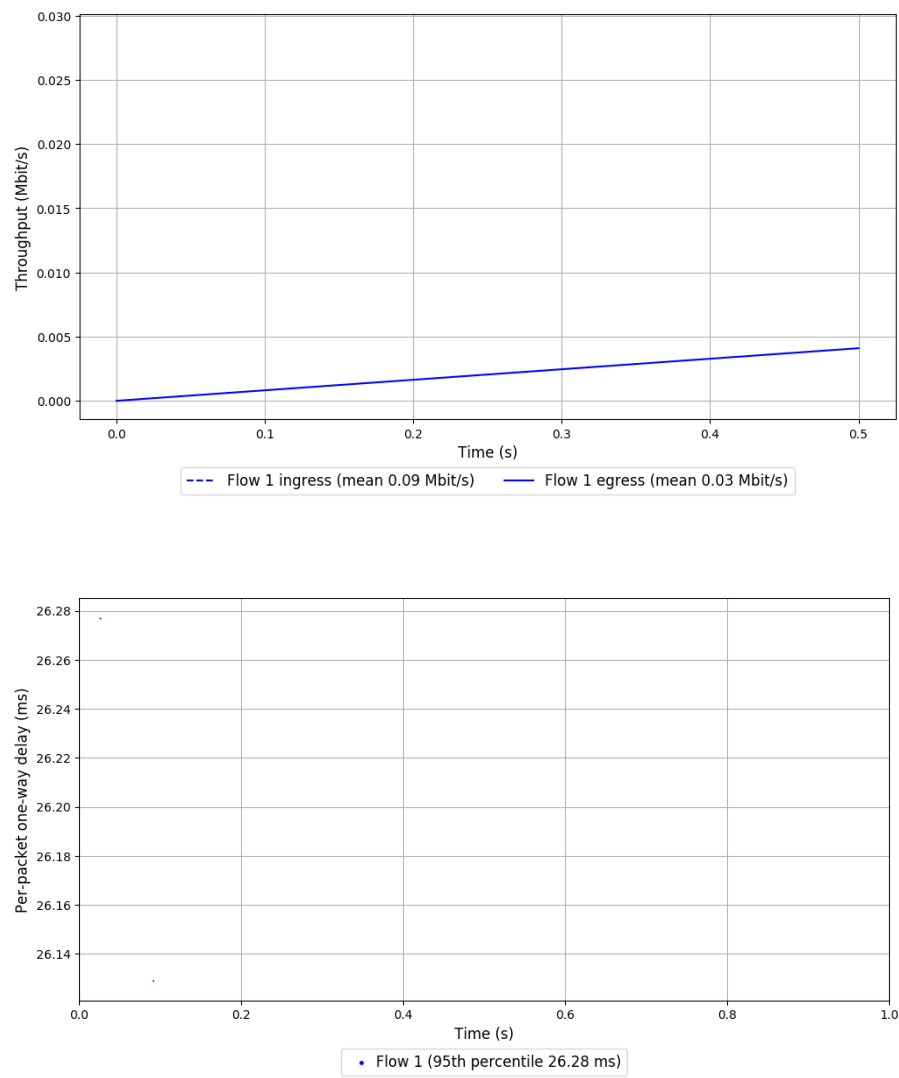
Start at: 2019-02-19 20:59:16

End at: 2019-02-19 20:59:46

Local clock offset: 1.26 ms

Remote clock offset: -7.302 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

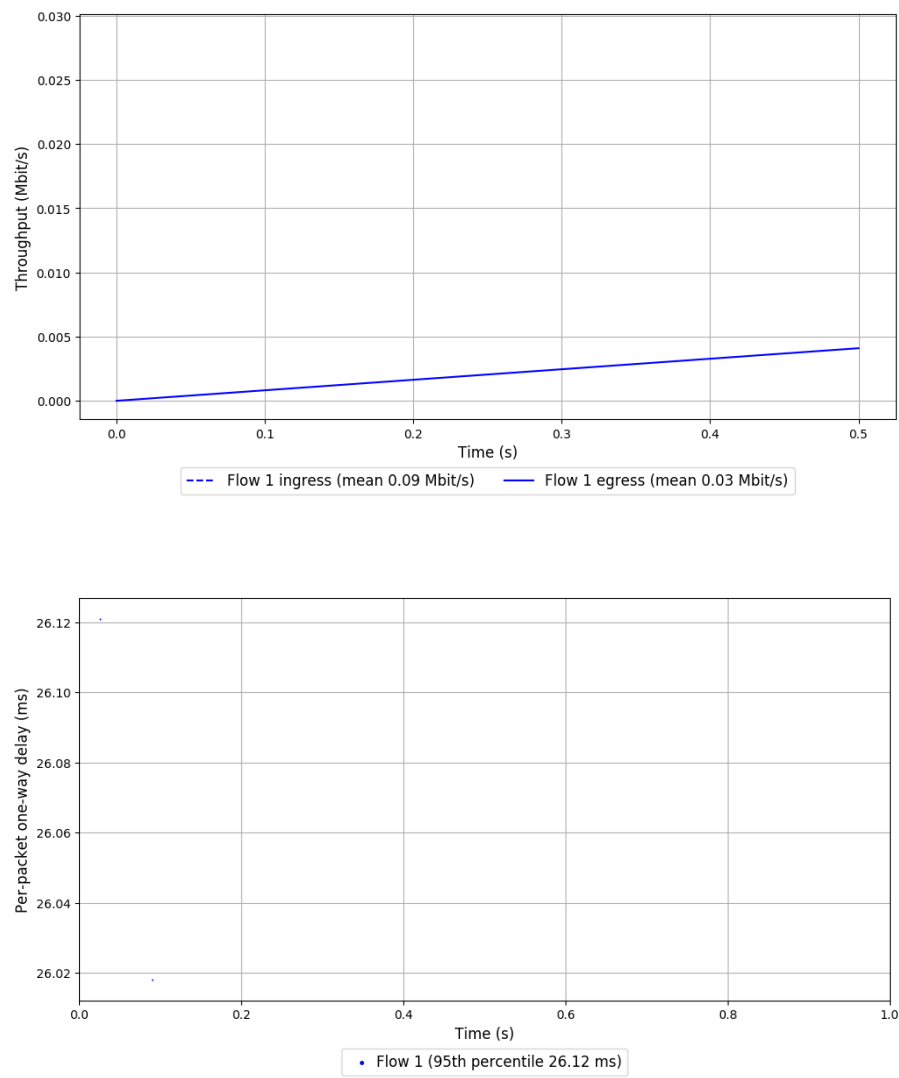
Start at: 2019-02-19 21:24:05

End at: 2019-02-19 21:24:35

Local clock offset: 0.766 ms

Remote clock offset: -6.796 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

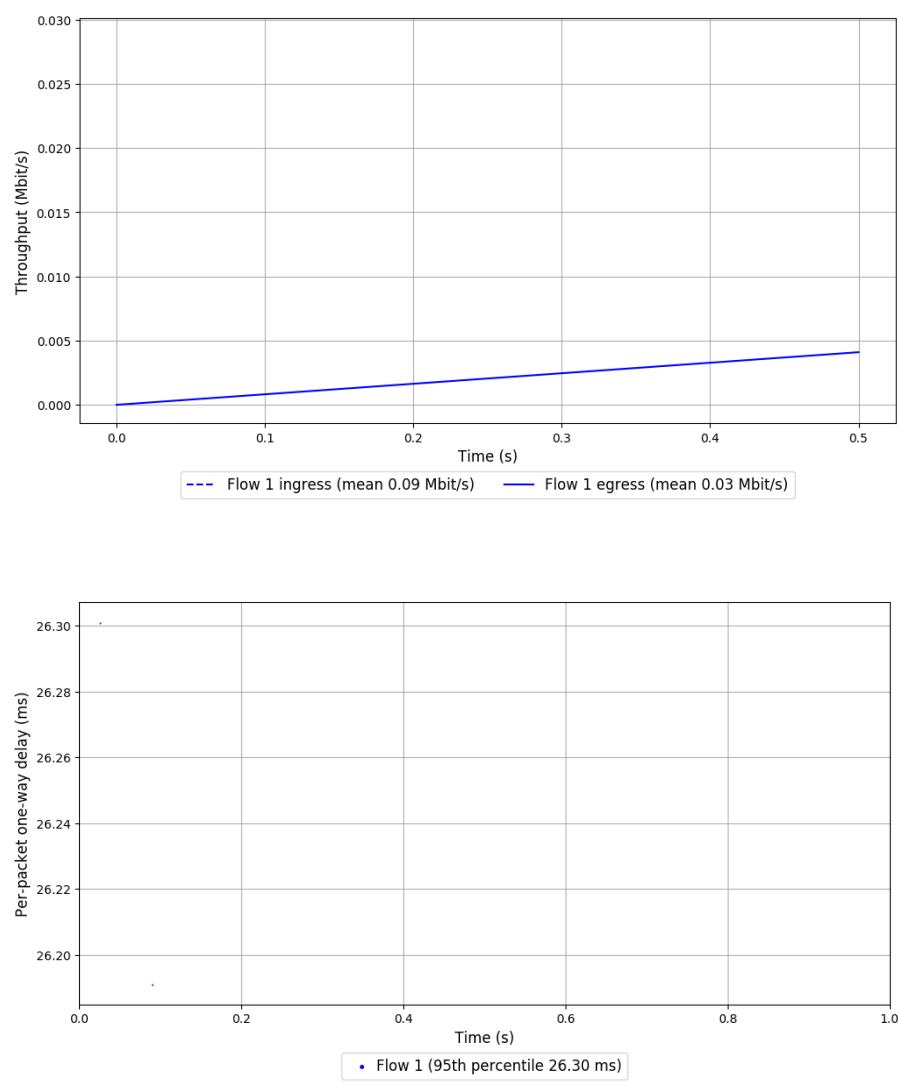
Start at: 2019-02-19 21:49:44

End at: 2019-02-19 21:50:14

Local clock offset: 0.383 ms

Remote clock offset: -6.552 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-02-19 20:08:05

End at: 2019-02-19 20:08:35

Local clock offset: 1.73 ms

Remote clock offset: -9.498 ms

Below is generated by plot.py at 2019-02-19 22:02:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.55 Mbit/s

95th percentile per-packet one-way delay: 53.160 ms

Loss rate: 0.96%

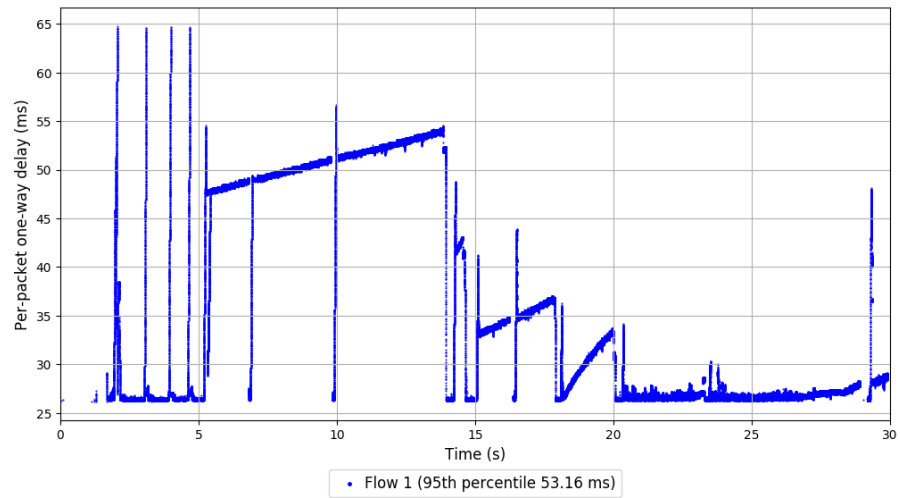
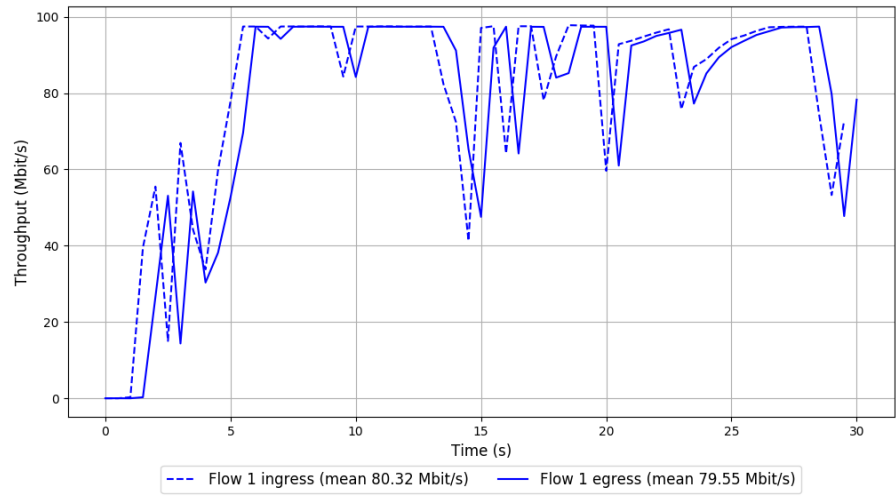
-- Flow 1:

Average throughput: 79.55 Mbit/s

95th percentile per-packet one-way delay: 53.160 ms

Loss rate: 0.96%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-02-19 20:33:21

End at: 2019-02-19 20:33:51

Local clock offset: 1.477 ms

Remote clock offset: -8.873 ms

Below is generated by plot.py at 2019-02-19 22:02:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.88 Mbit/s

95th percentile per-packet one-way delay: 54.945 ms

Loss rate: 0.93%

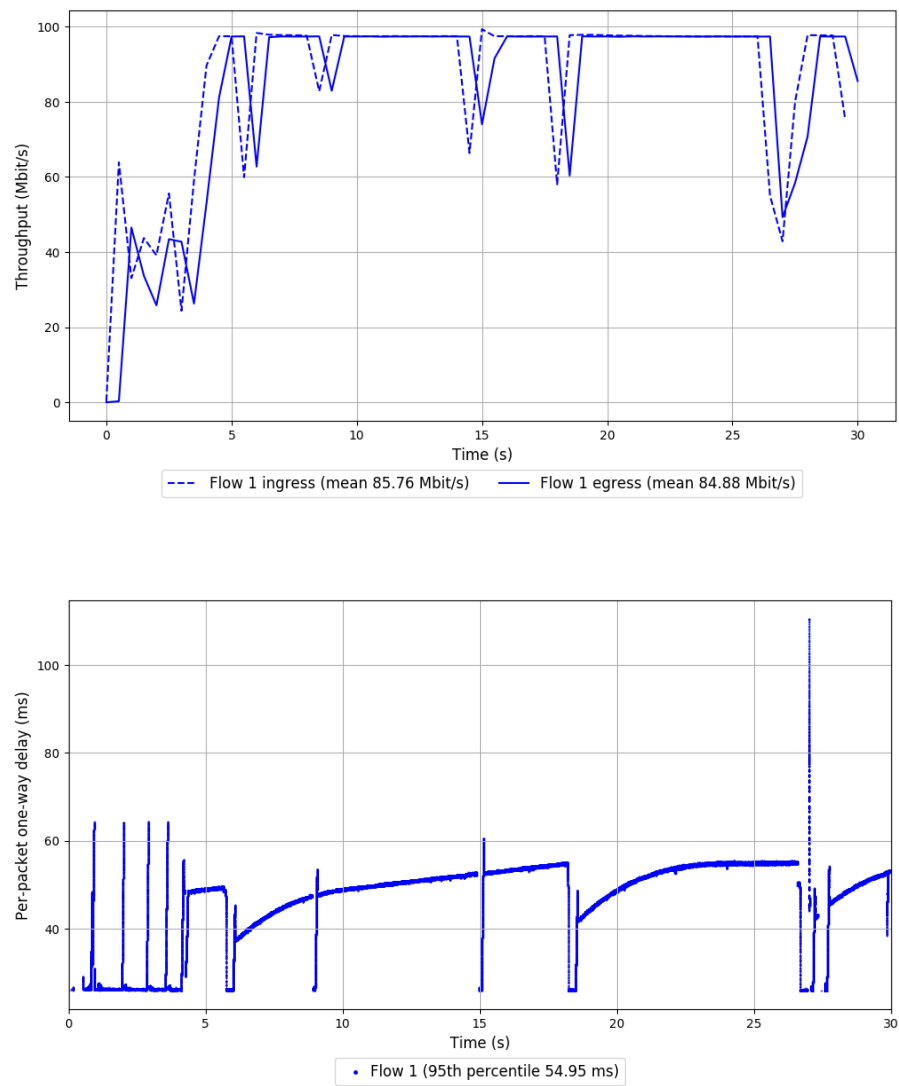
-- Flow 1:

Average throughput: 84.88 Mbit/s

95th percentile per-packet one-way delay: 54.945 ms

Loss rate: 0.93%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-02-19 20:58:04

End at: 2019-02-19 20:58:34

Local clock offset: 1.224 ms

Remote clock offset: -7.421 ms

Below is generated by plot.py at 2019-02-19 22:02:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.11 Mbit/s

95th percentile per-packet one-way delay: 61.227 ms

Loss rate: 1.80%

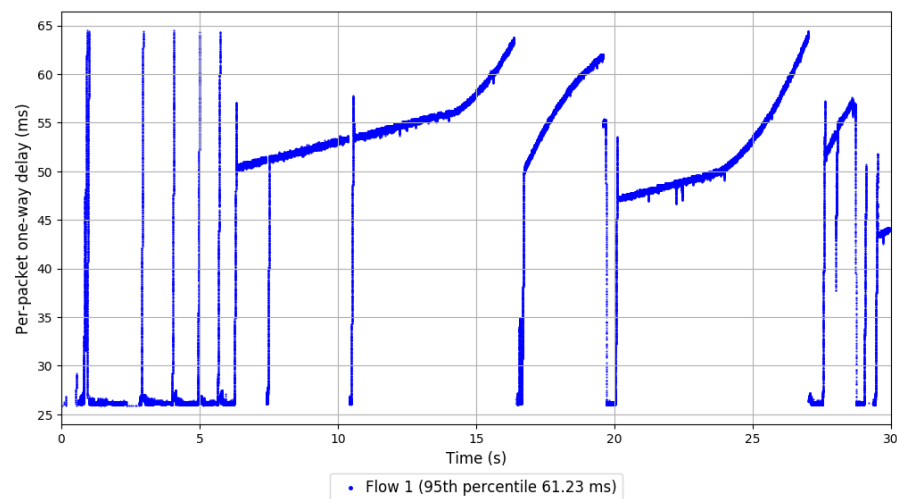
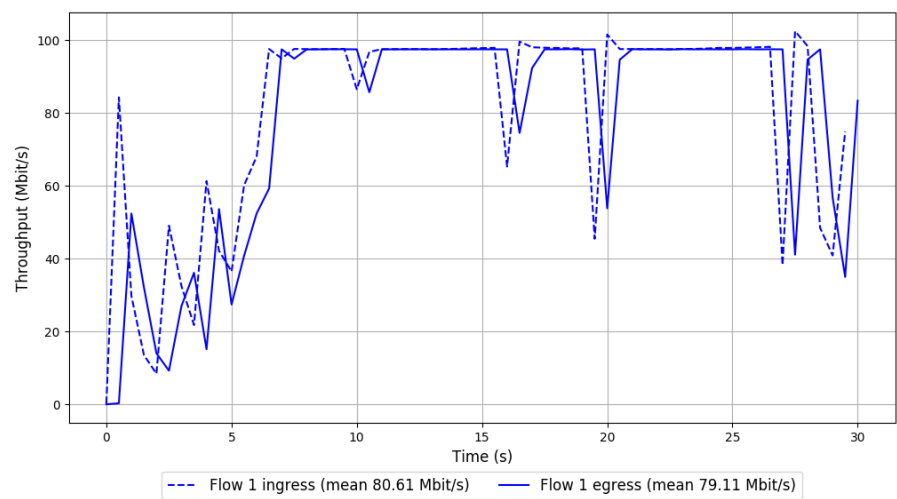
-- Flow 1:

Average throughput: 79.11 Mbit/s

95th percentile per-packet one-way delay: 61.227 ms

Loss rate: 1.80%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-02-19 21:22:53

End at: 2019-02-19 21:23:23

Local clock offset: 0.73 ms

Remote clock offset: -6.857 ms

Below is generated by plot.py at 2019-02-19 22:03:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.91 Mbit/s

95th percentile per-packet one-way delay: 53.098 ms

Loss rate: 1.65%

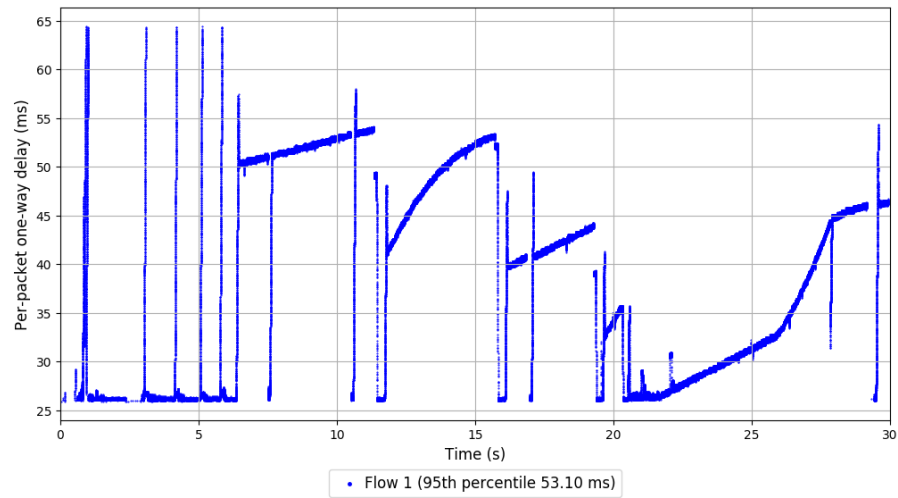
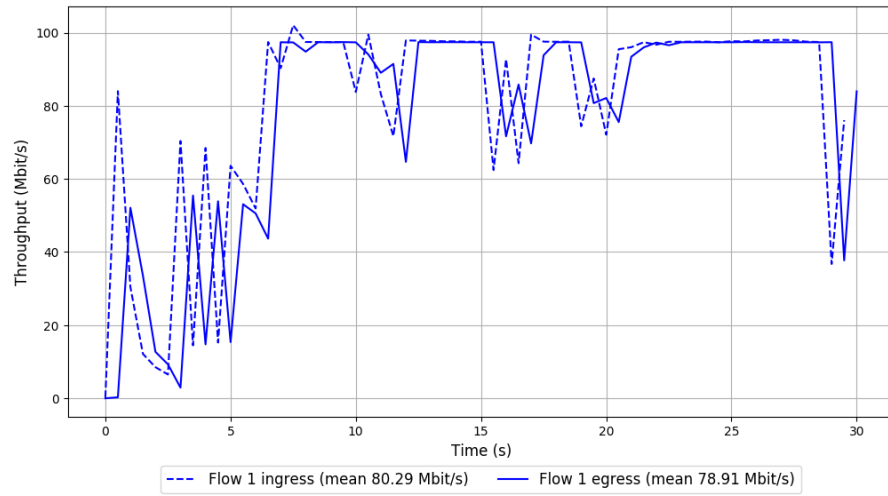
-- Flow 1:

Average throughput: 78.91 Mbit/s

95th percentile per-packet one-way delay: 53.098 ms

Loss rate: 1.65%

Run 4: Report of QUIC Cubic — Data Link

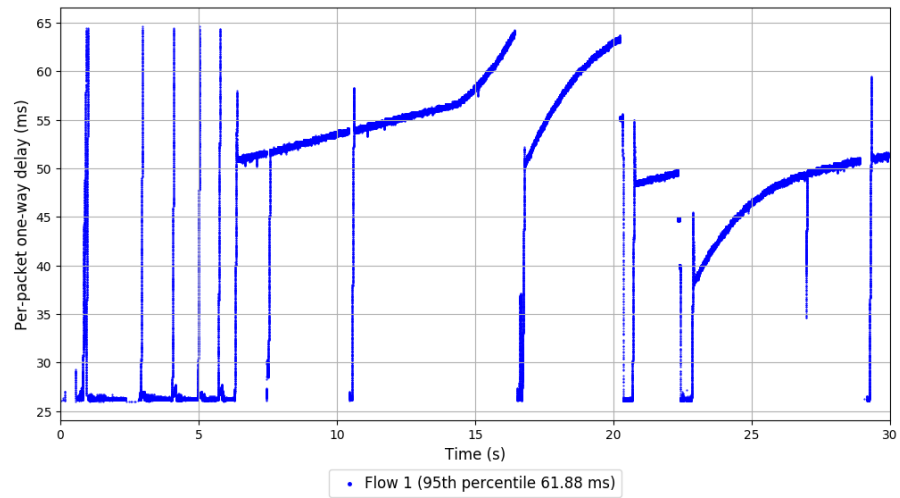
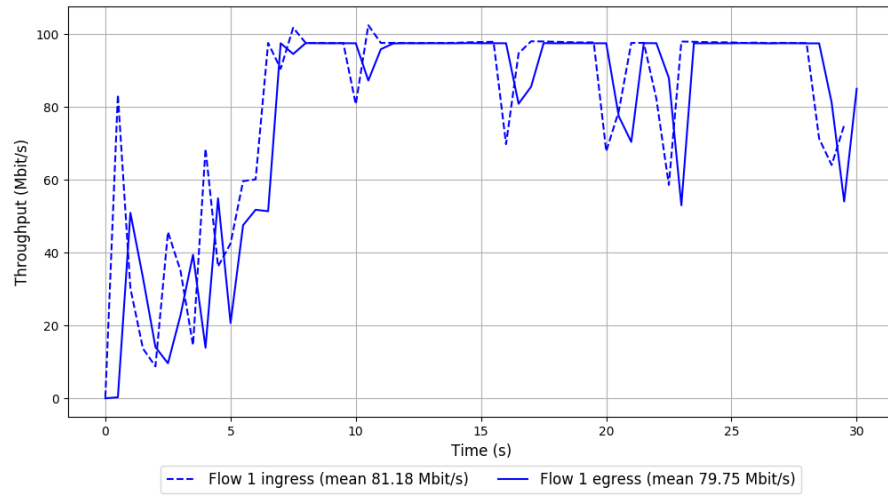


Run 5: Statistics of QUIC Cubic

Start at: 2019-02-19 21:48:30
End at: 2019-02-19 21:49:00
Local clock offset: 0.377 ms
Remote clock offset: -6.545 ms

Below is generated by plot.py at 2019-02-19 22:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.75 Mbit/s
95th percentile per-packet one-way delay: 61.879 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 79.75 Mbit/s
95th percentile per-packet one-way delay: 61.879 ms
Loss rate: 1.68%

Run 5: Report of QUIC Cubic — Data Link

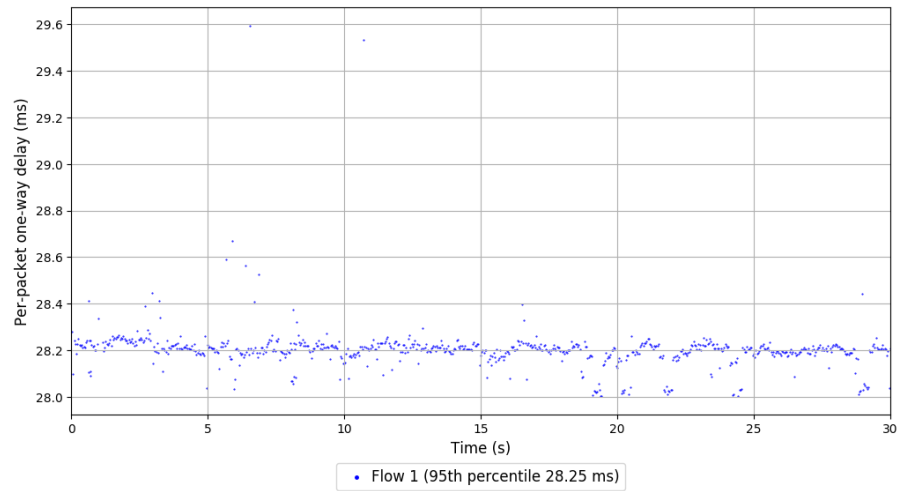
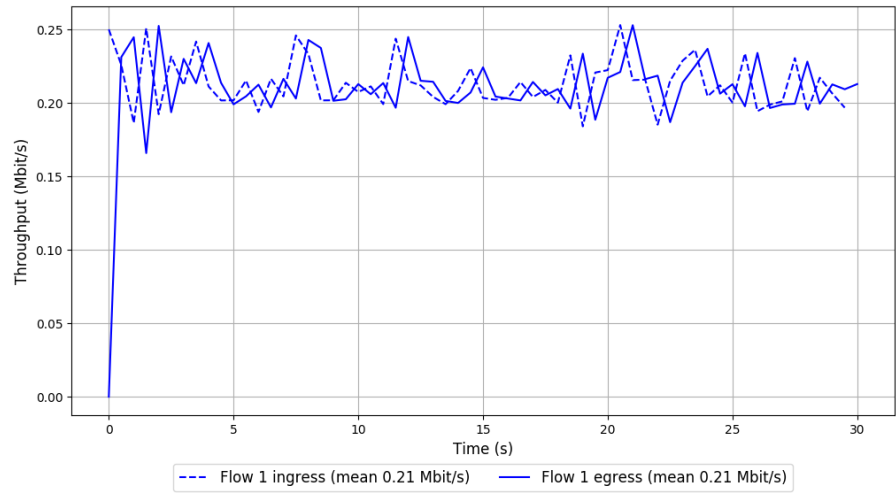


Run 1: Statistics of SCReAM

Start at: 2019-02-19 20:11:36
End at: 2019-02-19 20:12:06
Local clock offset: 1.516 ms
Remote clock offset: -7.694 ms

Below is generated by plot.py at 2019-02-19 22:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.254 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.254 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

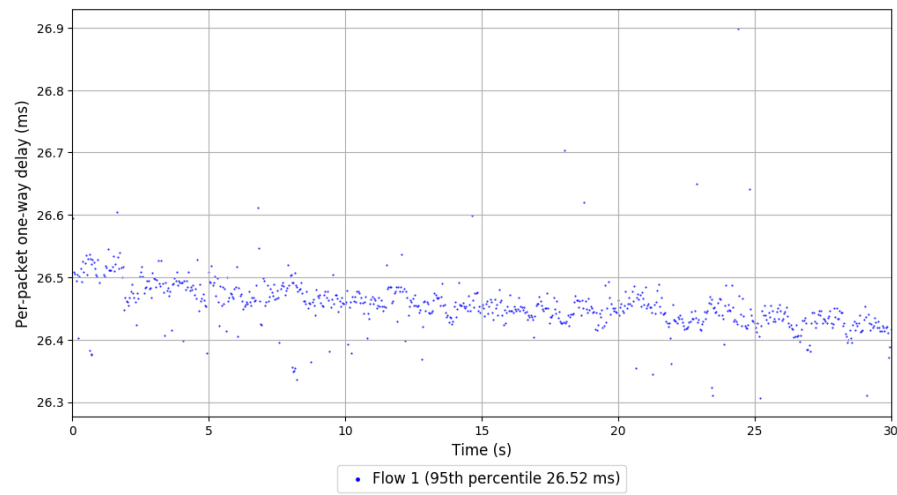
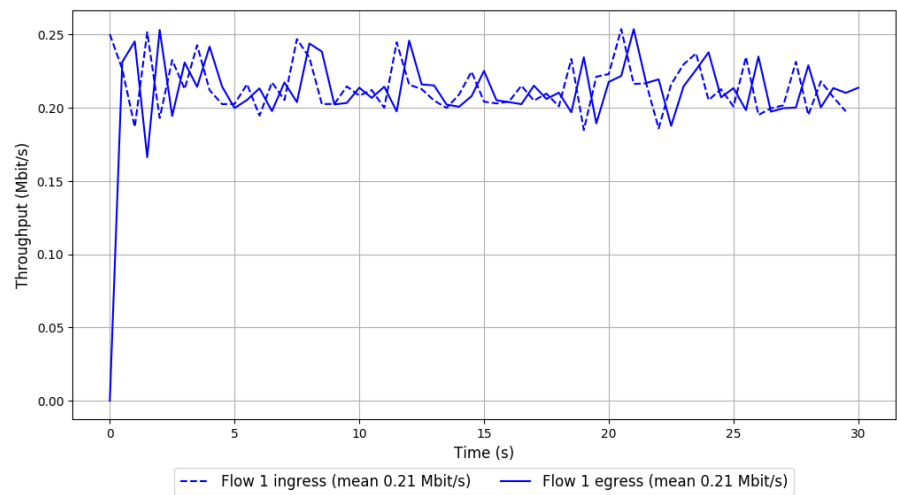


Run 2: Statistics of SCReAM

Start at: 2019-02-19 20:36:57
End at: 2019-02-19 20:37:27
Local clock offset: 1.168 ms
Remote clock offset: -8.242 ms

Below is generated by plot.py at 2019-02-19 22:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 26.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 26.515 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

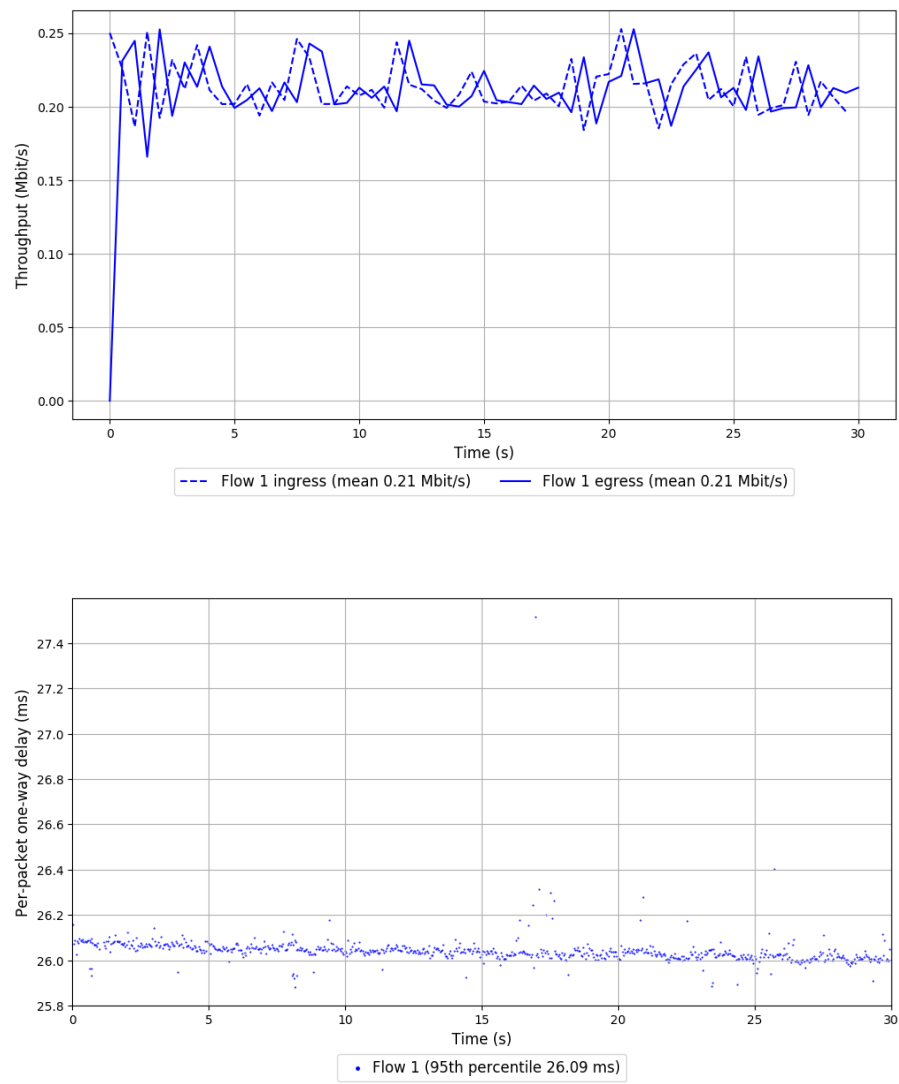


Run 3: Statistics of SCReAM

Start at: 2019-02-19 21:01:37
End at: 2019-02-19 21:02:07
Local clock offset: 1.147 ms
Remote clock offset: -7.296 ms

Below is generated by plot.py at 2019-02-19 22:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 26.090 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 26.090 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

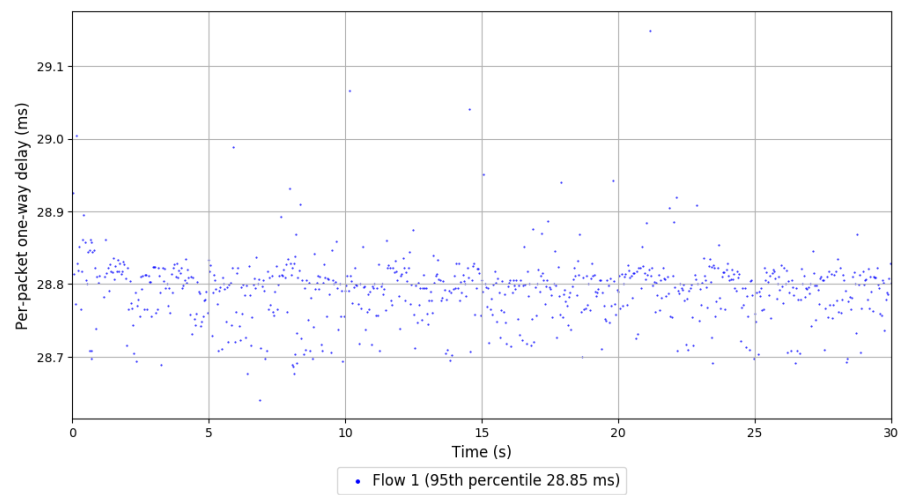
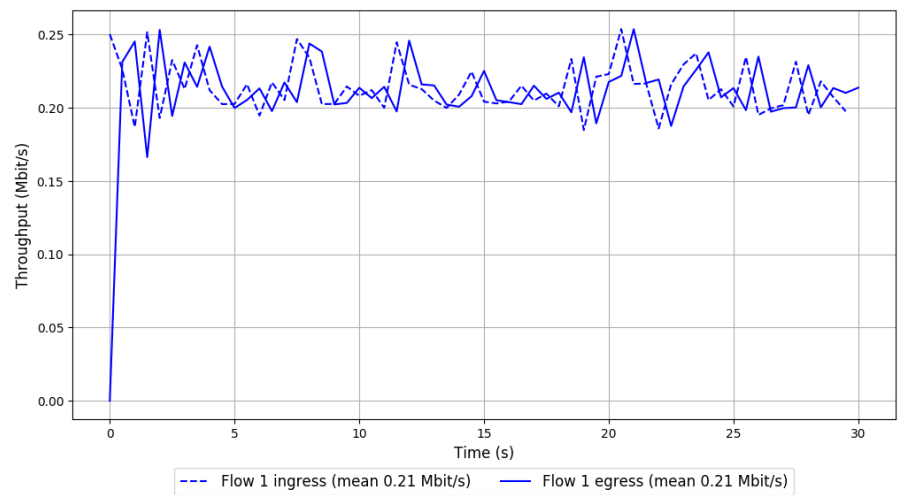


Run 4: Statistics of SCReAM

Start at: 2019-02-19 21:26:25
End at: 2019-02-19 21:26:56
Local clock offset: 0.804 ms
Remote clock offset: -4.083 ms

Below is generated by plot.py at 2019-02-19 22:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.847 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.847 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

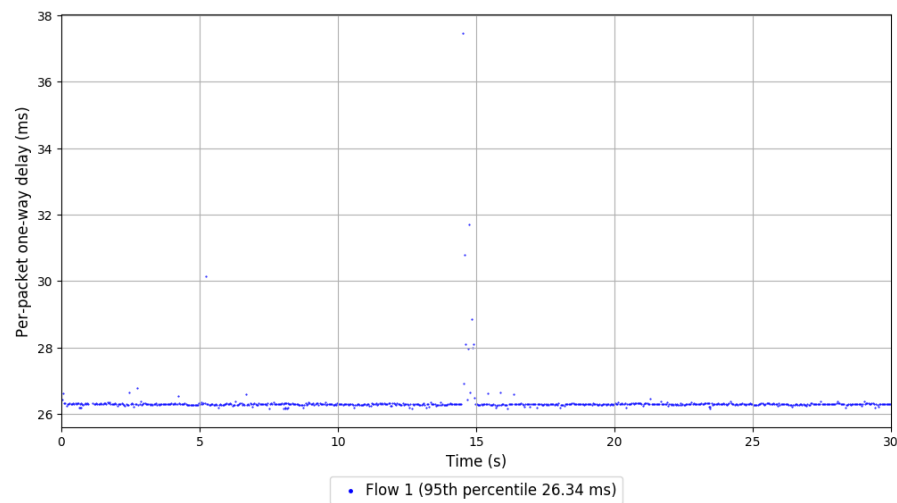
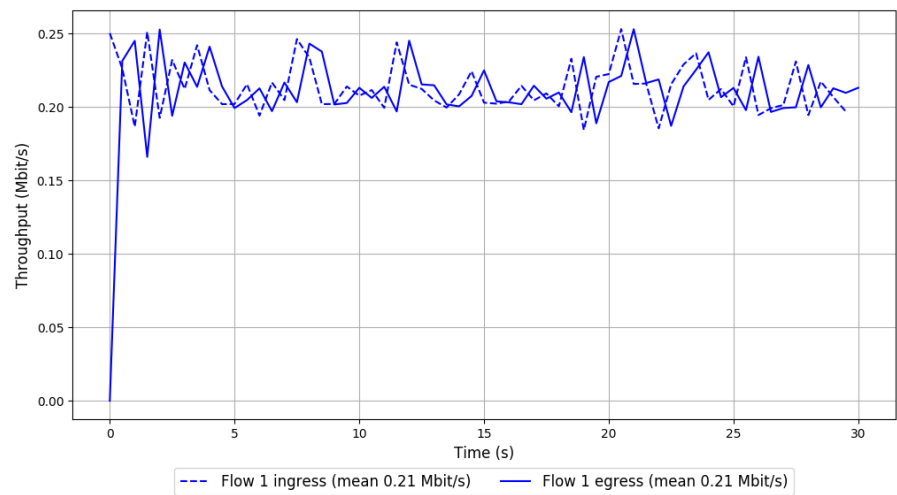


Run 5: Statistics of SCReAM

Start at: 2019-02-19 21:52:06
End at: 2019-02-19 21:52:36
Local clock offset: 0.378 ms
Remote clock offset: -6.576 ms

Below is generated by plot.py at 2019-02-19 22:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 26.343 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 26.343 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

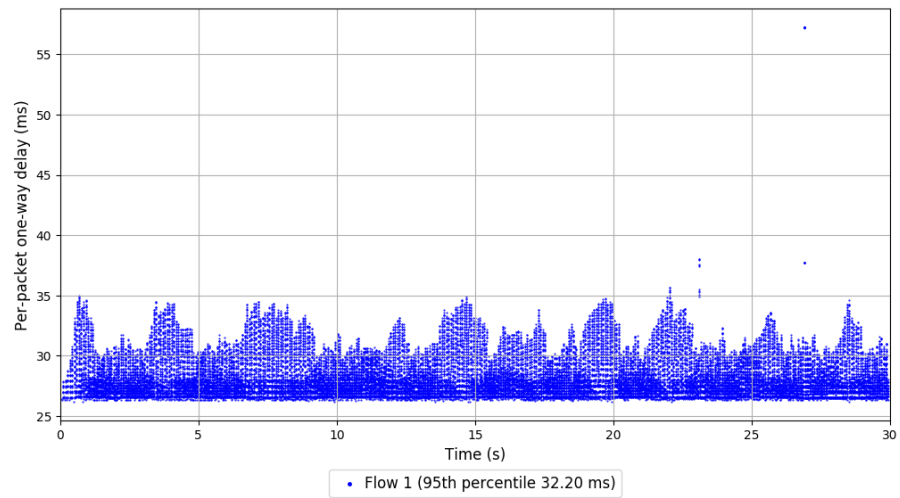
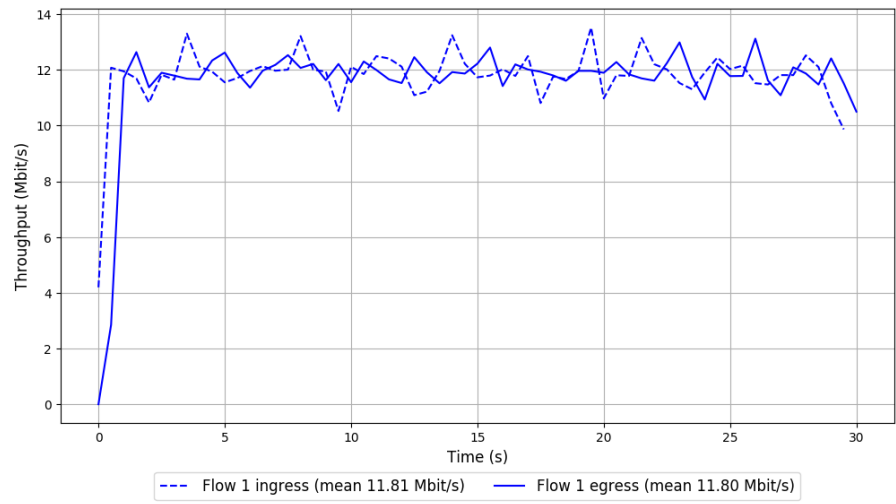


Run 1: Statistics of Sprout

Start at: 2019-02-19 19:49:03
End at: 2019-02-19 19:49:33
Local clock offset: 2.47 ms
Remote clock offset: -9.774 ms

Below is generated by plot.py at 2019-02-19 22:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.80 Mbit/s
95th percentile per-packet one-way delay: 32.201 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 11.80 Mbit/s
95th percentile per-packet one-way delay: 32.201 ms
Loss rate: 0.01%

Run 1: Report of Sprout — Data Link

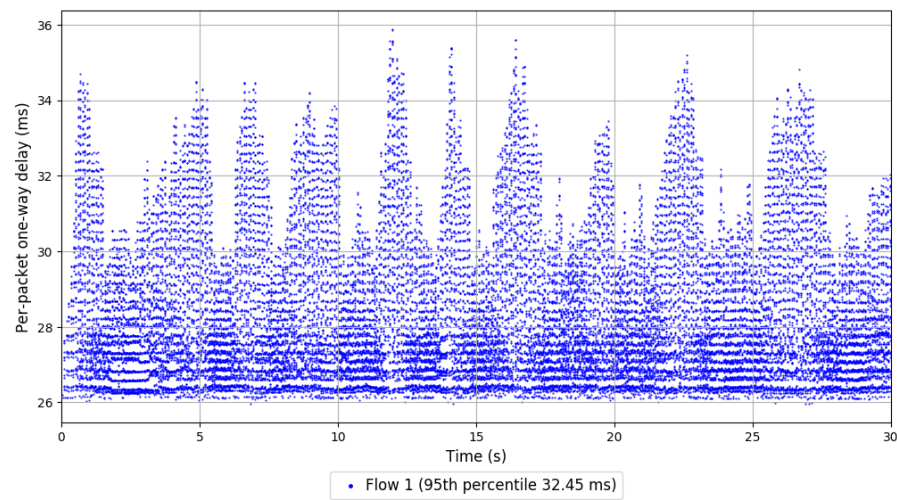
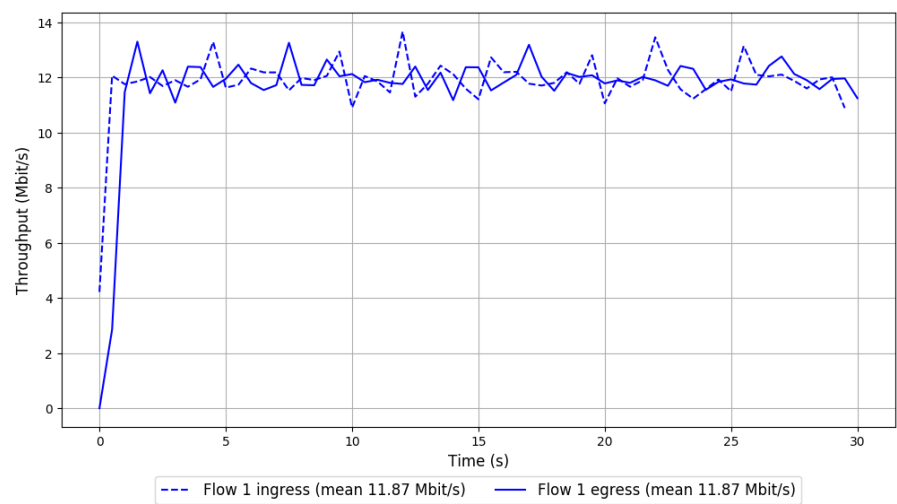


Run 2: Statistics of Sprout

Start at: 2019-02-19 20:13:55
End at: 2019-02-19 20:14:25
Local clock offset: 1.463 ms
Remote clock offset: -9.636 ms

Below is generated by plot.py at 2019-02-19 22:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.87 Mbit/s
95th percentile per-packet one-way delay: 32.454 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.87 Mbit/s
95th percentile per-packet one-way delay: 32.454 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

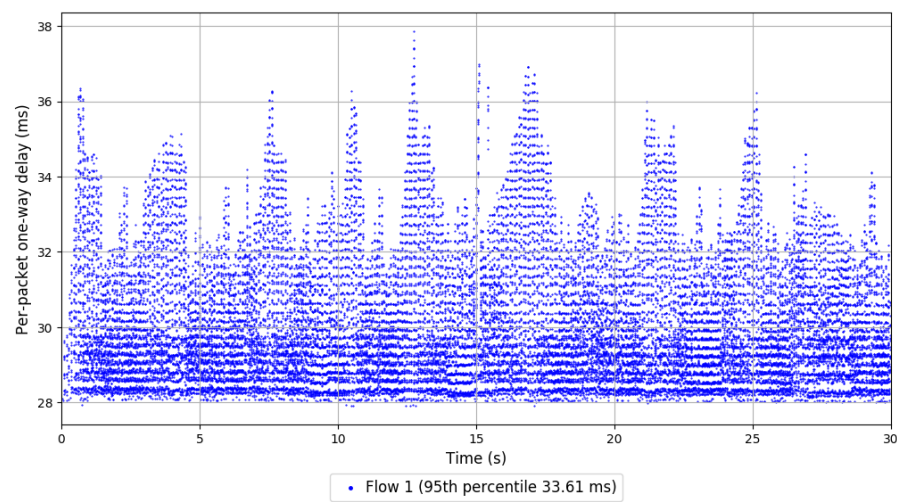
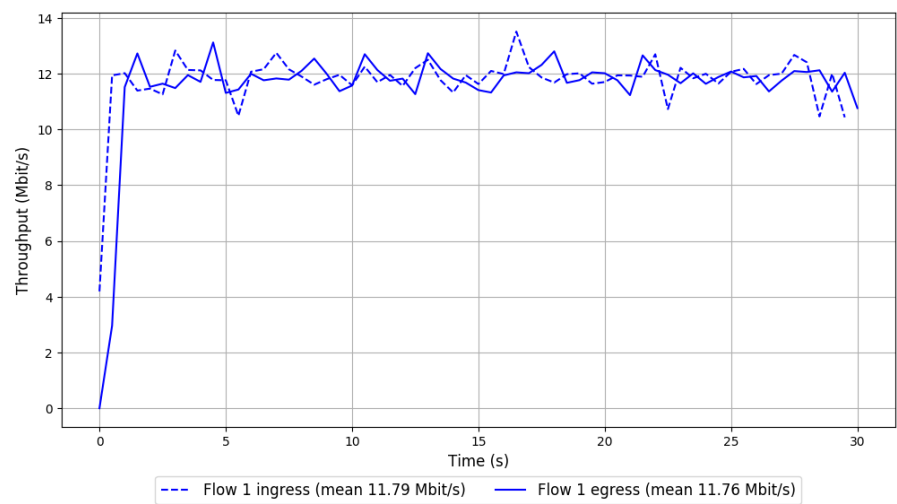


Run 3: Statistics of Sprout

Start at: 2019-02-19 20:39:16
End at: 2019-02-19 20:39:46
Local clock offset: 1.052 ms
Remote clock offset: -6.366 ms

Below is generated by plot.py at 2019-02-19 22:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.76 Mbit/s
95th percentile per-packet one-way delay: 33.607 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 11.76 Mbit/s
95th percentile per-packet one-way delay: 33.607 ms
Loss rate: 0.21%

Run 3: Report of Sprout — Data Link

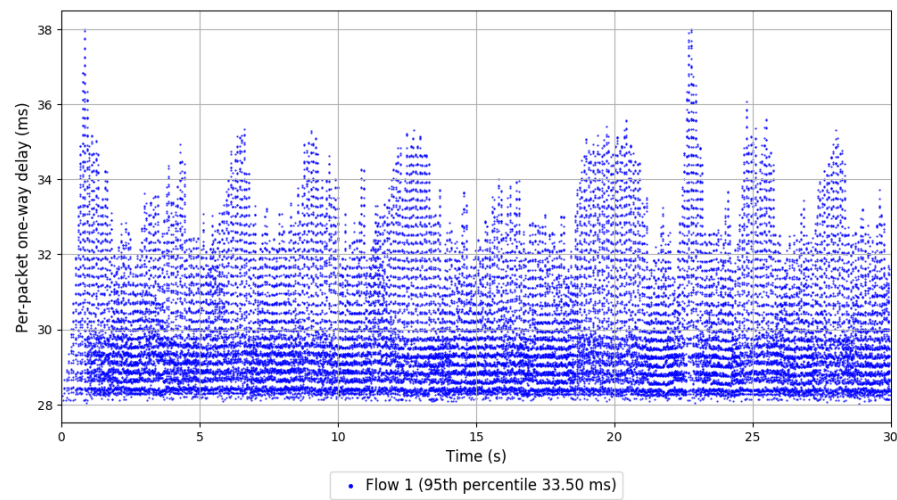
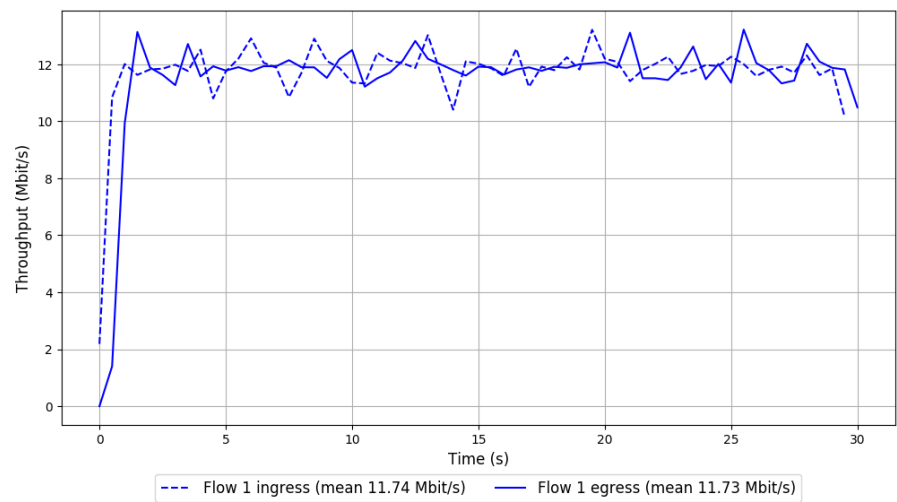


Run 4: Statistics of Sprout

Start at: 2019-02-19 21:03:54
End at: 2019-02-19 21:04:24
Local clock offset: 0.959 ms
Remote clock offset: -5.079 ms

Below is generated by plot.py at 2019-02-19 22:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 33.503 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 33.503 ms
Loss rate: 0.03%

Run 4: Report of Sprout — Data Link

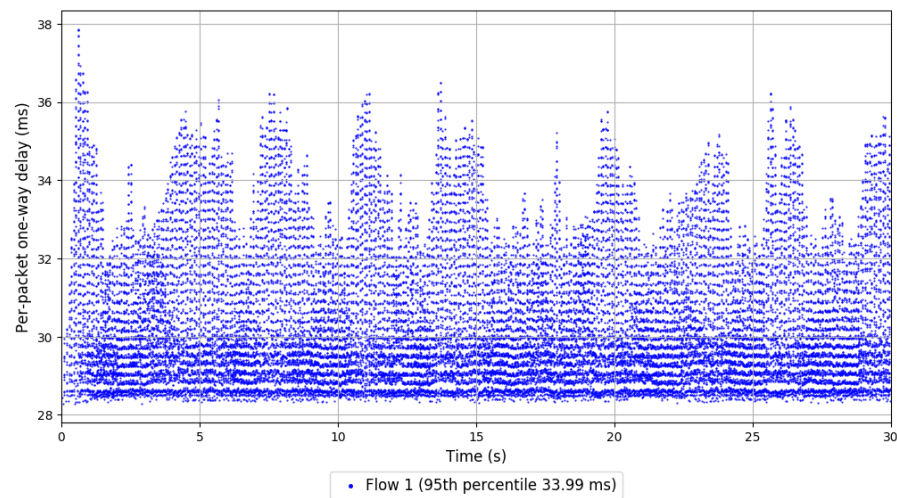
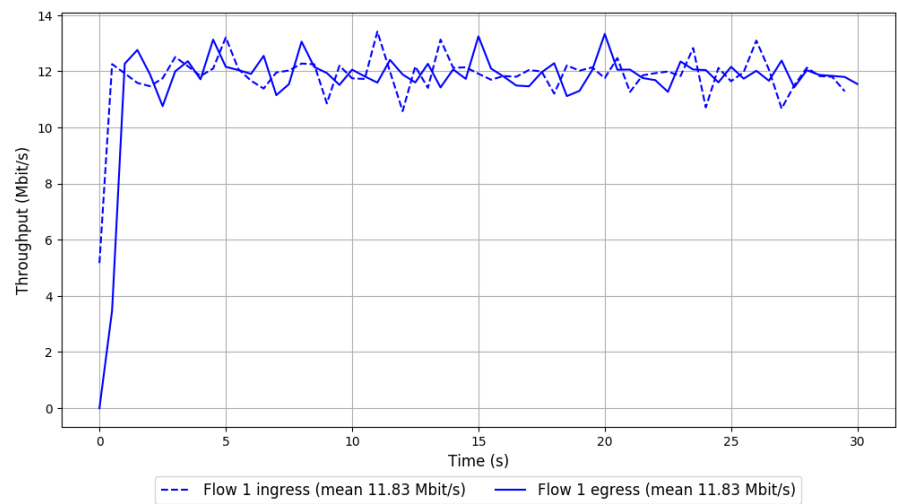


Run 5: Statistics of Sprout

Start at: 2019-02-19 21:28:42
End at: 2019-02-19 21:29:12
Local clock offset: 0.835 ms
Remote clock offset: -4.537 ms

Below is generated by plot.py at 2019-02-19 22:03:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.83 Mbit/s
95th percentile per-packet one-way delay: 33.995 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.83 Mbit/s
95th percentile per-packet one-way delay: 33.995 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

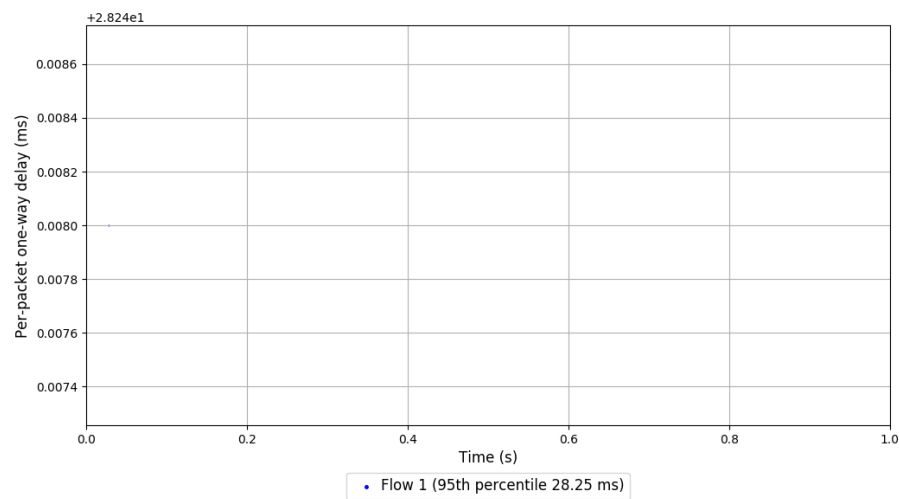
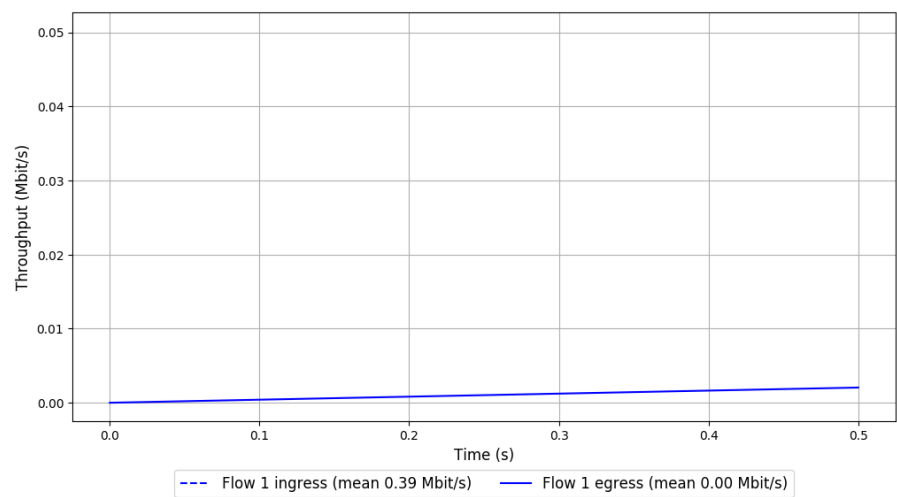
Start at: 2019-02-19 19:58:41

End at: 2019-02-19 19:59:11

Local clock offset: 2.94 ms

Remote clock offset: -7.85 ms

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



Run 2: Statistics of TaoVA-100x

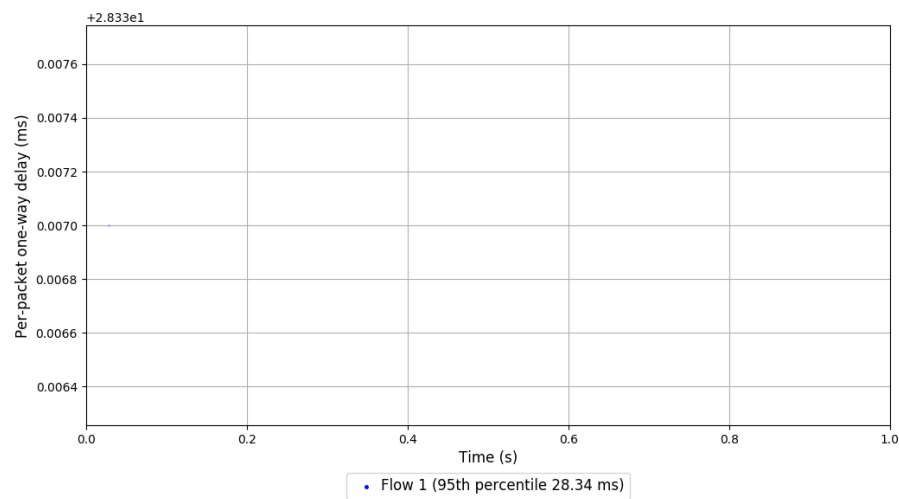
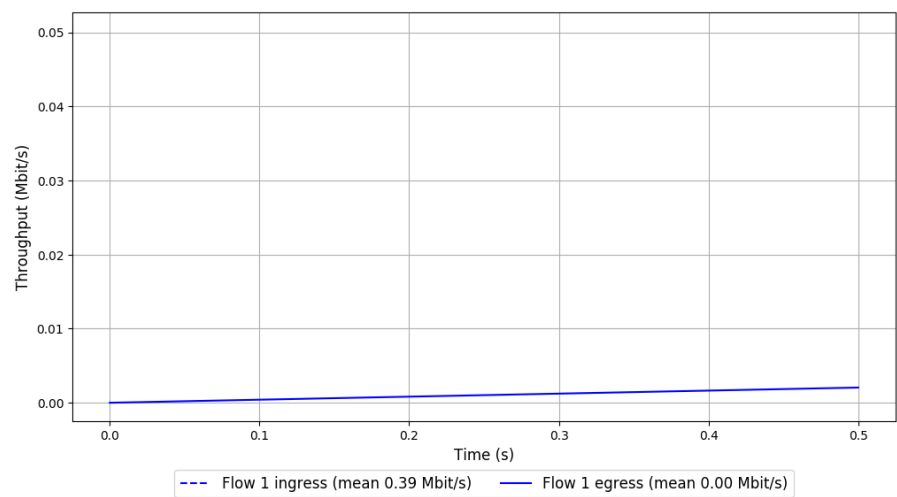
Start at: 2019-02-19 20:23:35

End at: 2019-02-19 20:24:05

Local clock offset: 1.637 ms

Remote clock offset: -7.241 ms

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



Run 3: Statistics of TaoVA-100x

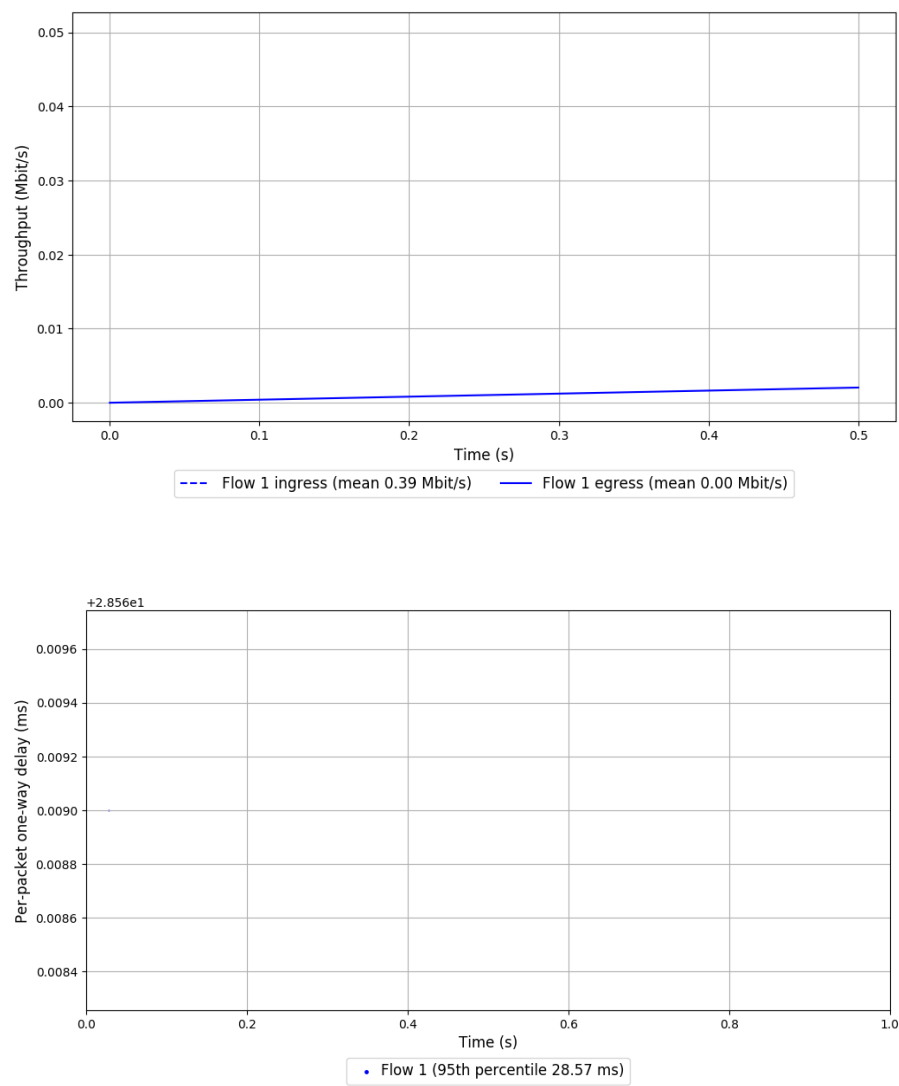
Start at: 2019-02-19 20:48:32

End at: 2019-02-19 20:49:02

Local clock offset: 0.98 ms

Remote clock offset: -5.531 ms

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



Run 4: Statistics of TaoVA-100x

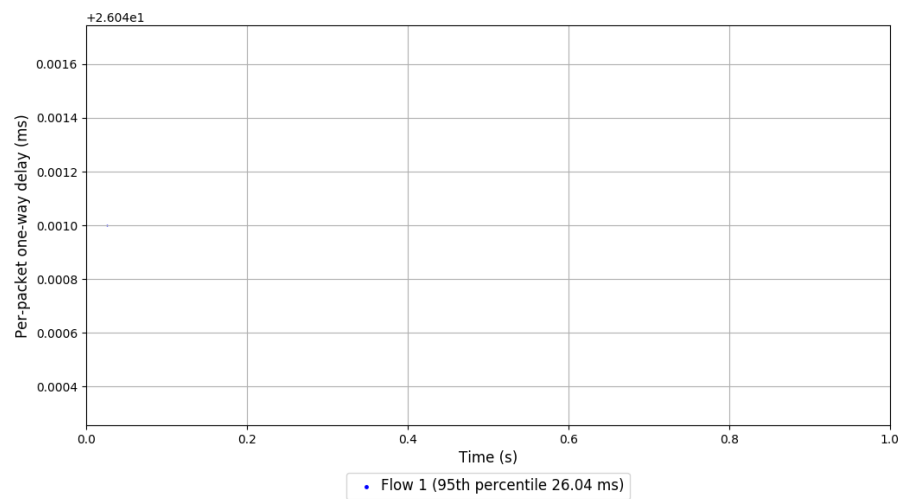
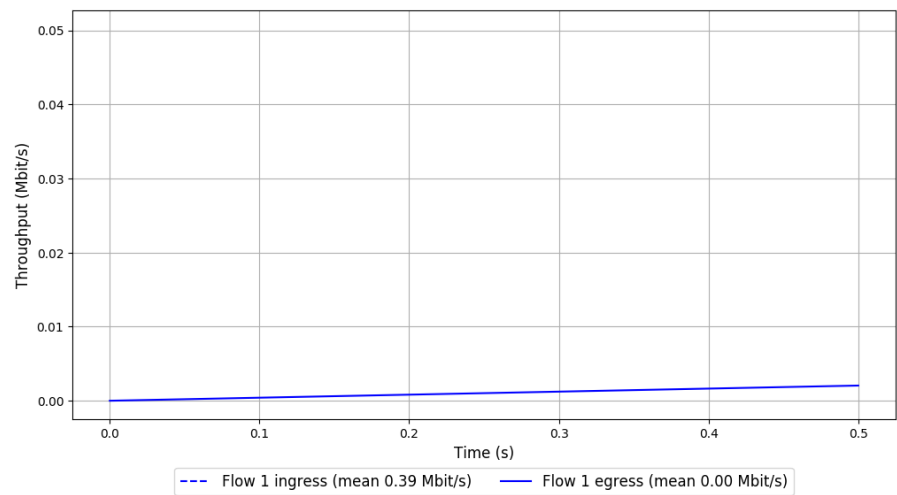
Start at: 2019-02-19 21:13:24

End at: 2019-02-19 21:13:54

Local clock offset: 0.707 ms

Remote clock offset: -6.924 ms

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



Run 5: Statistics of TaoVA-100x

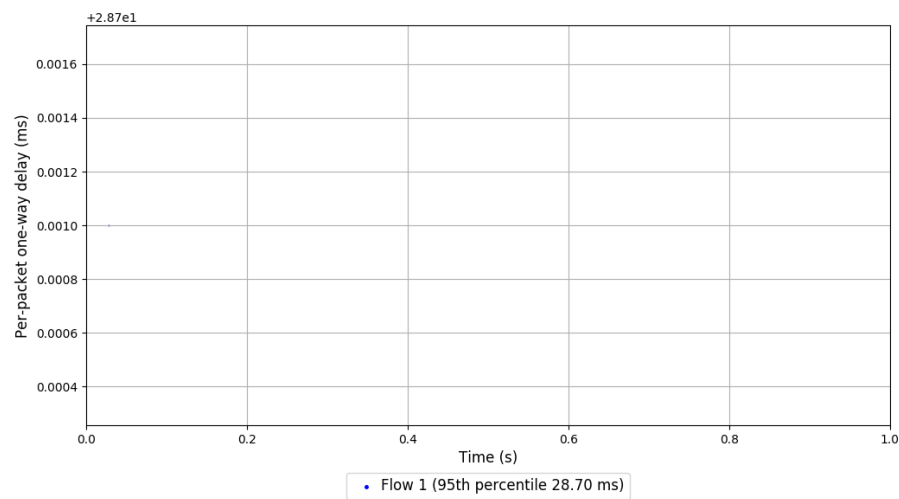
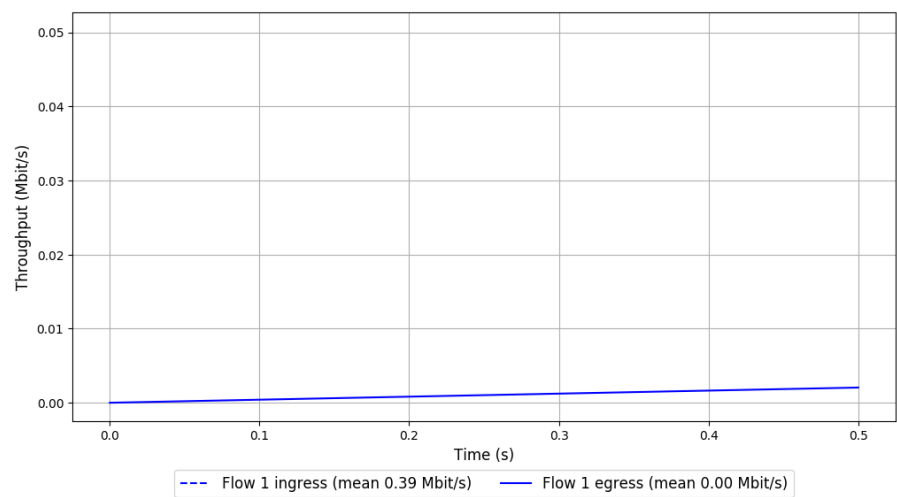
Start at: 2019-02-19 21:38:30

End at: 2019-02-19 21:39:00

Local clock offset: 0.461 ms

Remote clock offset: -4.179 ms

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

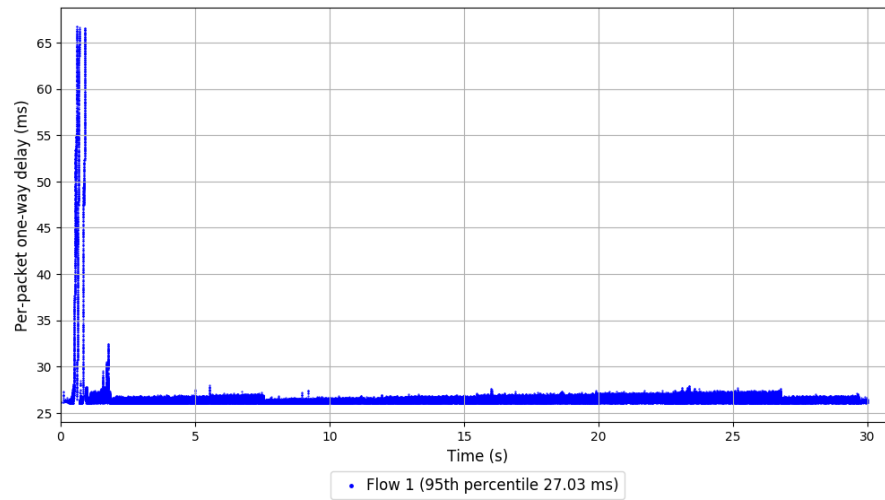
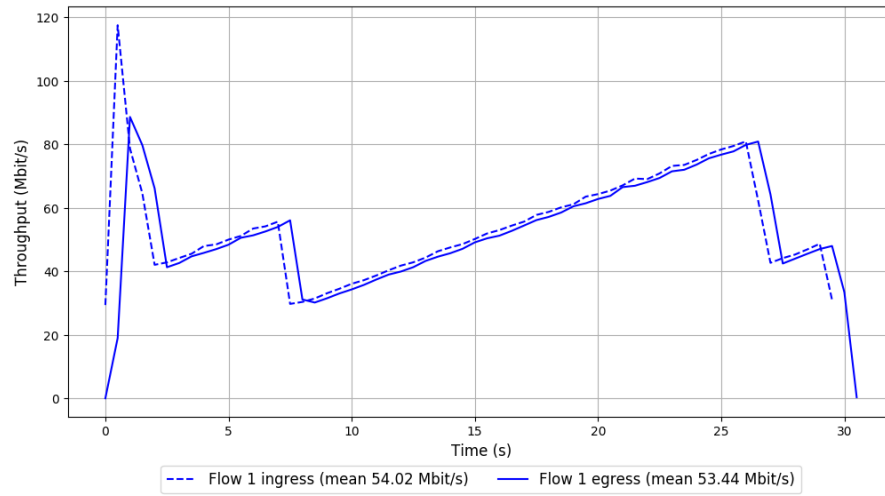


Run 1: Statistics of TCP Vegas

Start at: 2019-02-19 19:47:54
End at: 2019-02-19 19:48:24
Local clock offset: 2.427 ms
Remote clock offset: -10.041 ms

Below is generated by plot.py at 2019-02-19 22:03:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.44 Mbit/s
95th percentile per-packet one-way delay: 27.030 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 53.44 Mbit/s
95th percentile per-packet one-way delay: 27.030 ms
Loss rate: 1.09%

Run 1: Report of TCP Vegas — Data Link

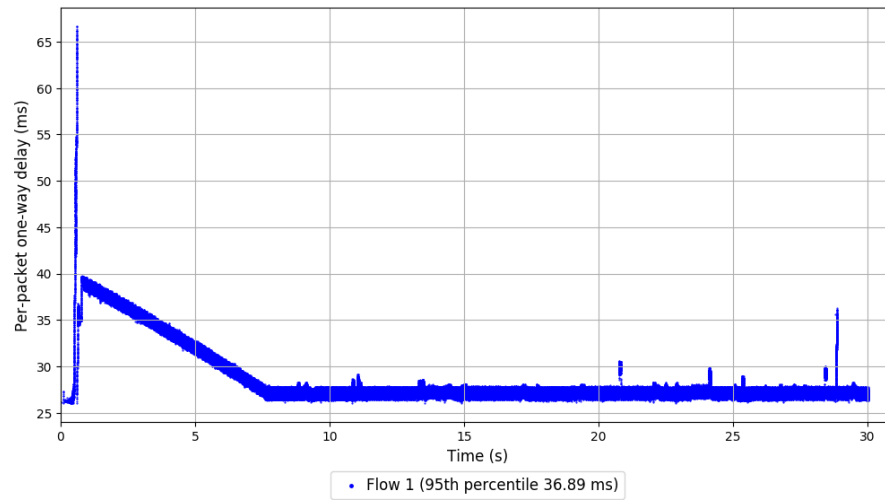
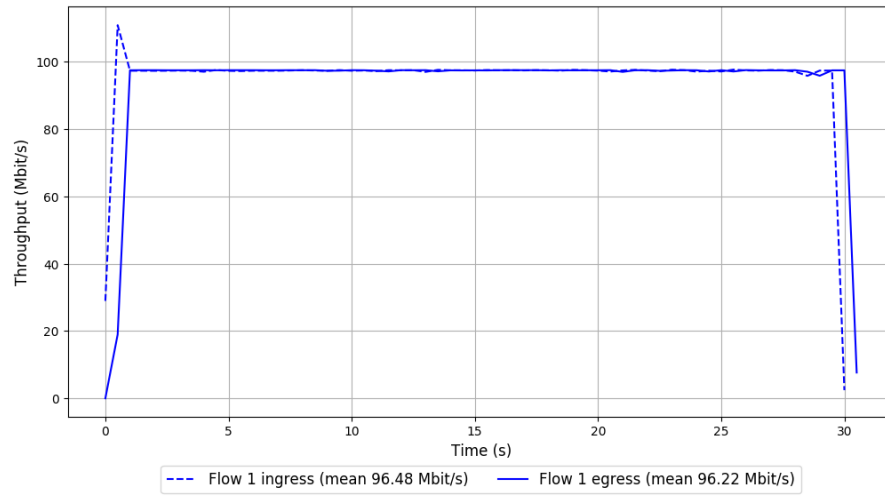


Run 2: Statistics of TCP Vegas

Start at: 2019-02-19 20:12:42
End at: 2019-02-19 20:13:12
Local clock offset: 1.489 ms
Remote clock offset: -9.728 ms

Below is generated by plot.py at 2019-02-19 22:03:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 36.887 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 36.887 ms
Loss rate: 0.27%

Run 2: Report of TCP Vegas — Data Link

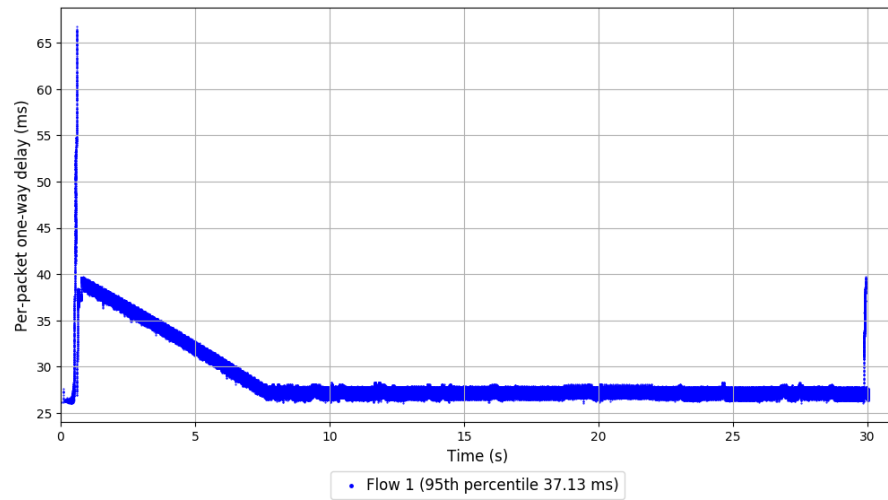
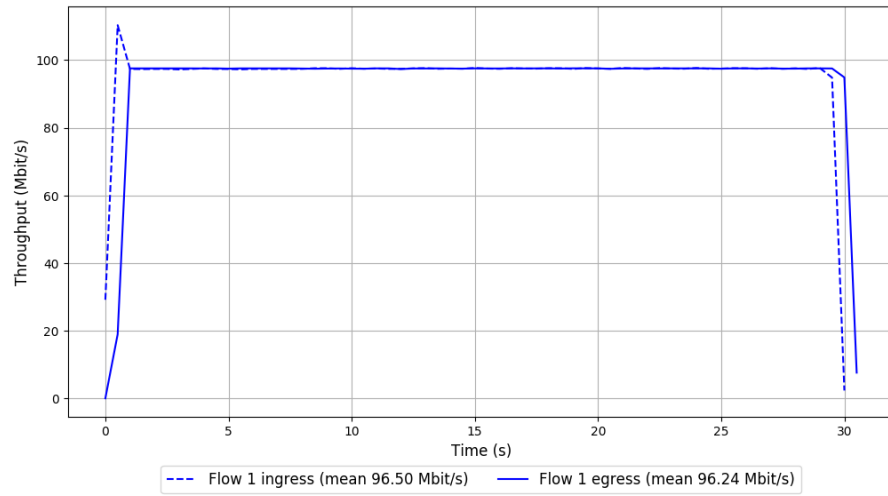


Run 3: Statistics of TCP Vegas

Start at: 2019-02-19 20:38:03
End at: 2019-02-19 20:38:33
Local clock offset: 1.088 ms
Remote clock offset: -8.507 ms

Below is generated by plot.py at 2019-02-19 22:03:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 37.127 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 37.127 ms
Loss rate: 0.26%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-02-19 21:02:43

End at: 2019-02-19 21:03:13

Local clock offset: 1.049 ms

Remote clock offset: -6.91 ms

Below is generated by plot.py at 2019-02-19 22:03:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.29 Mbit/s

95th percentile per-packet one-way delay: 37.654 ms

Loss rate: 0.37%

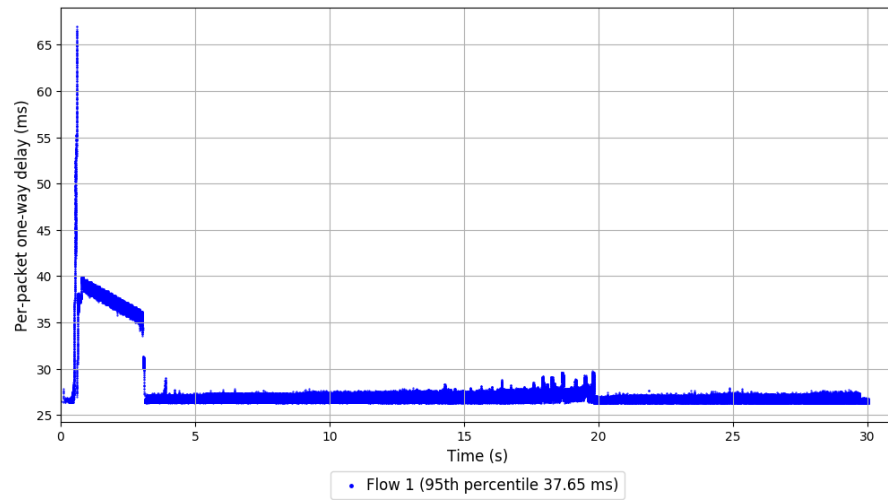
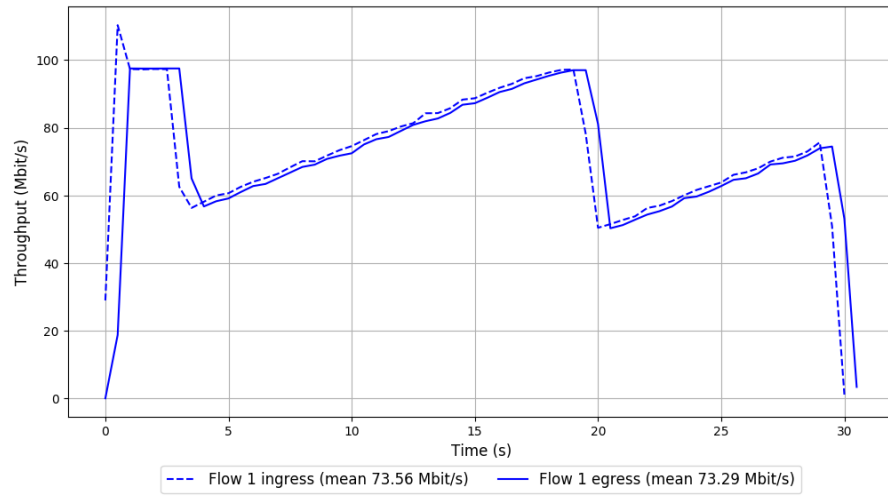
-- Flow 1:

Average throughput: 73.29 Mbit/s

95th percentile per-packet one-way delay: 37.654 ms

Loss rate: 0.37%

Run 4: Report of TCP Vegas — Data Link

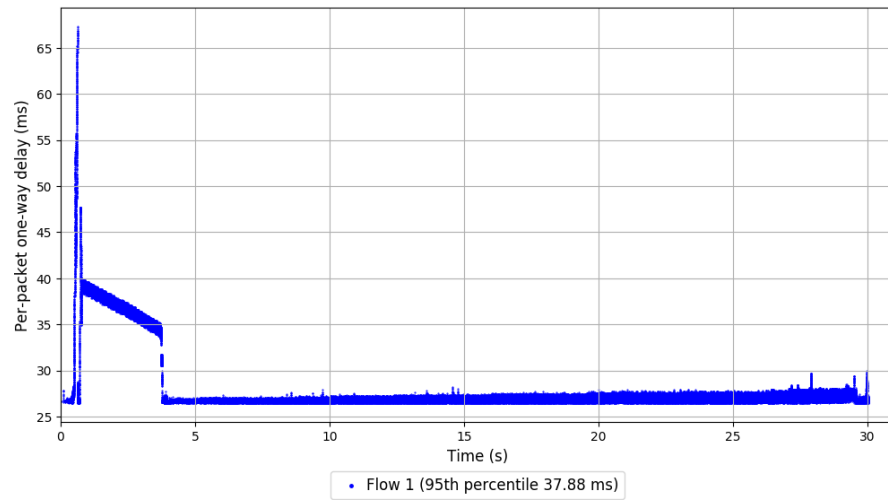
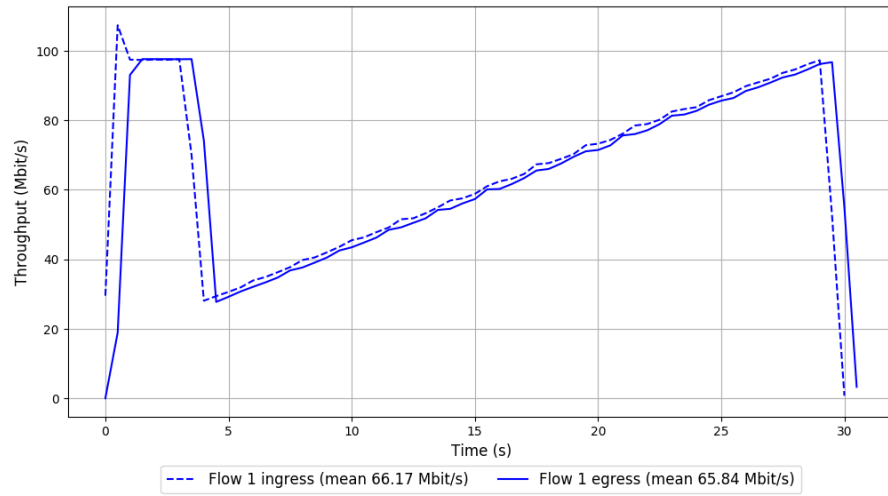


Run 5: Statistics of TCP Vegas

Start at: 2019-02-19 21:27:32
End at: 2019-02-19 21:28:02
Local clock offset: 0.819 ms
Remote clock offset: -6.312 ms

Below is generated by plot.py at 2019-02-19 22:03:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.84 Mbit/s
95th percentile per-packet one-way delay: 37.883 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 65.84 Mbit/s
95th percentile per-packet one-way delay: 37.883 ms
Loss rate: 0.49%

Run 5: Report of TCP Vegas — Data Link

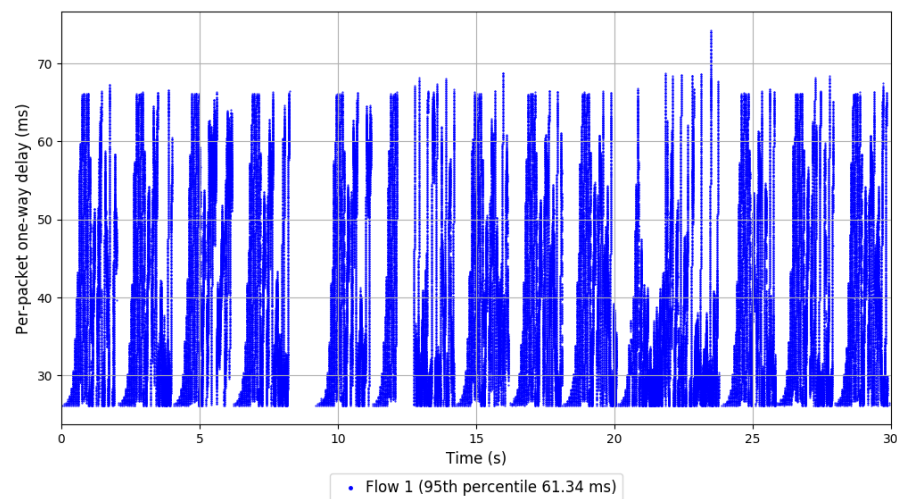
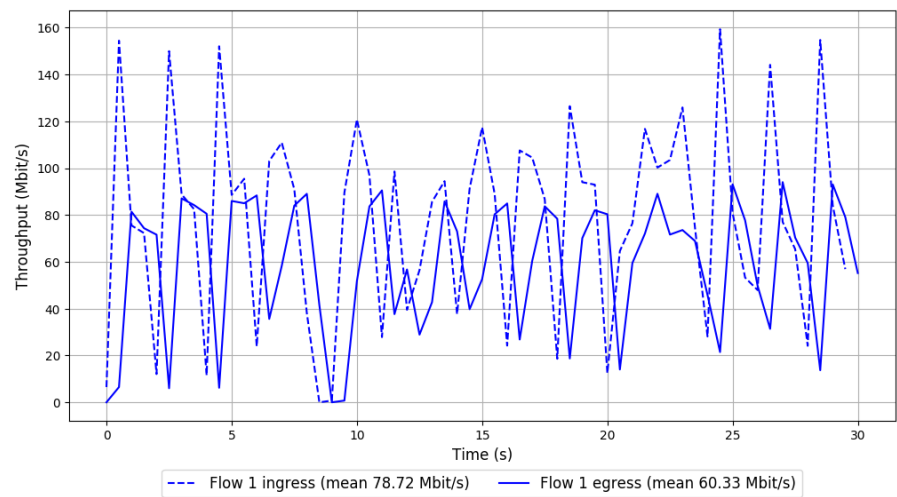


Run 1: Statistics of Verus

Start at: 2019-02-19 19:54:52
End at: 2019-02-19 19:55:23
Local clock offset: 2.719 ms
Remote clock offset: -10.028 ms

Below is generated by plot.py at 2019-02-19 22:03:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.33 Mbit/s
95th percentile per-packet one-way delay: 61.339 ms
Loss rate: 23.36%
-- Flow 1:
Average throughput: 60.33 Mbit/s
95th percentile per-packet one-way delay: 61.339 ms
Loss rate: 23.36%

Run 1: Report of Verus — Data Link

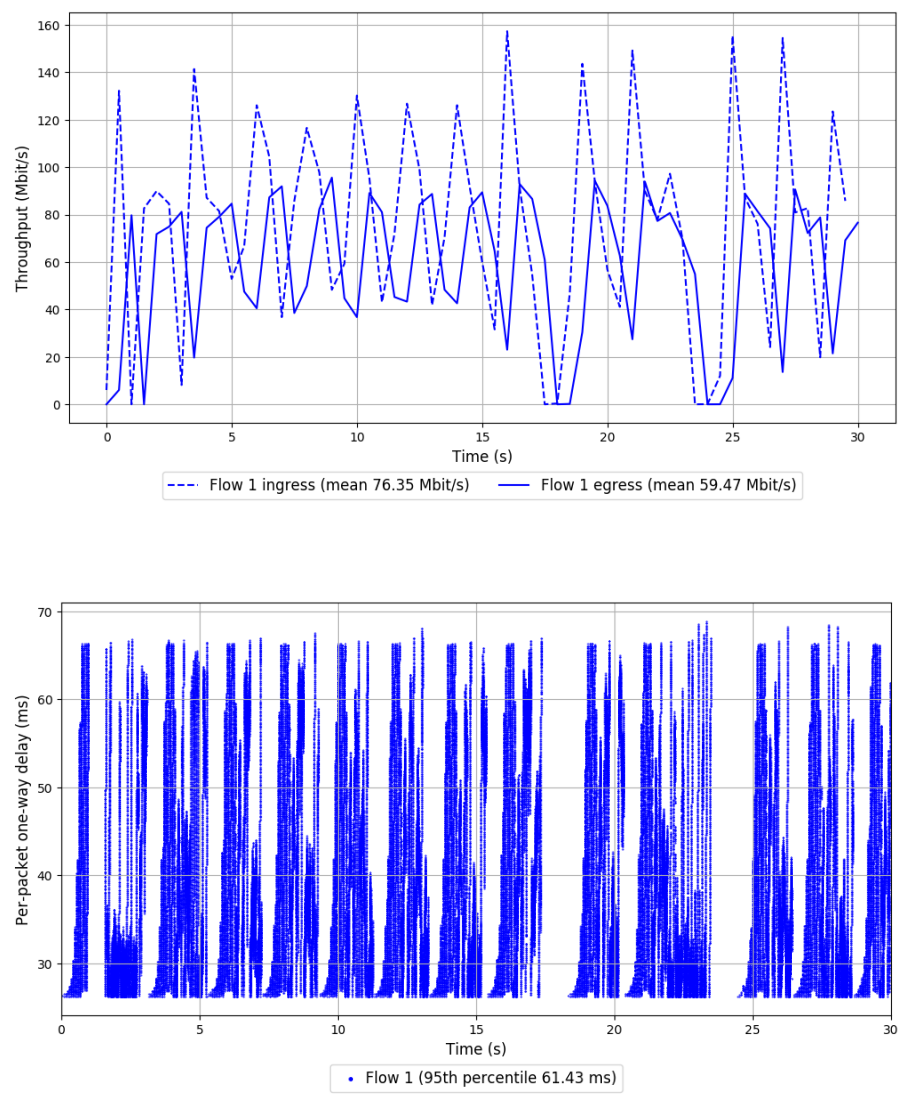


Run 2: Statistics of Verus

Start at: 2019-02-19 20:19:51
End at: 2019-02-19 20:20:21
Local clock offset: 1.534 ms
Remote clock offset: -9.227 ms

Below is generated by plot.py at 2019-02-19 22:04:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.47 Mbit/s
95th percentile per-packet one-way delay: 61.427 ms
Loss rate: 22.02%
-- Flow 1:
Average throughput: 59.47 Mbit/s
95th percentile per-packet one-way delay: 61.427 ms
Loss rate: 22.02%

Run 2: Report of Verus — Data Link

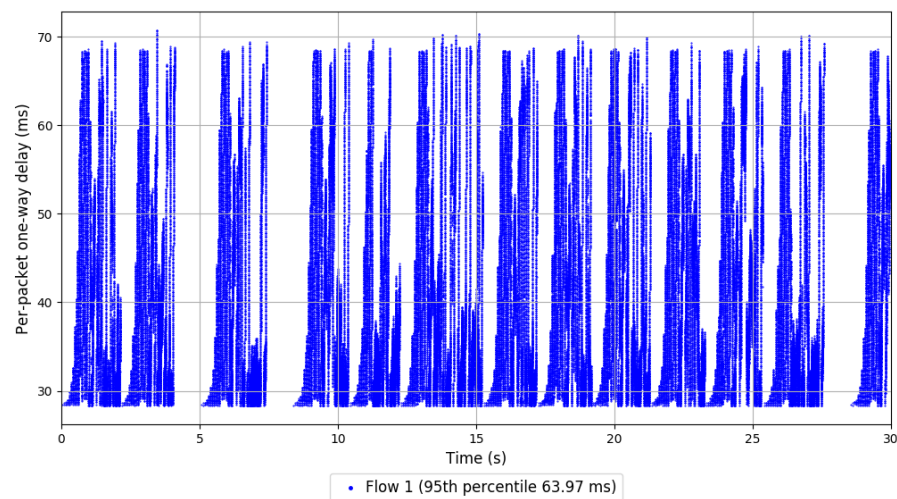
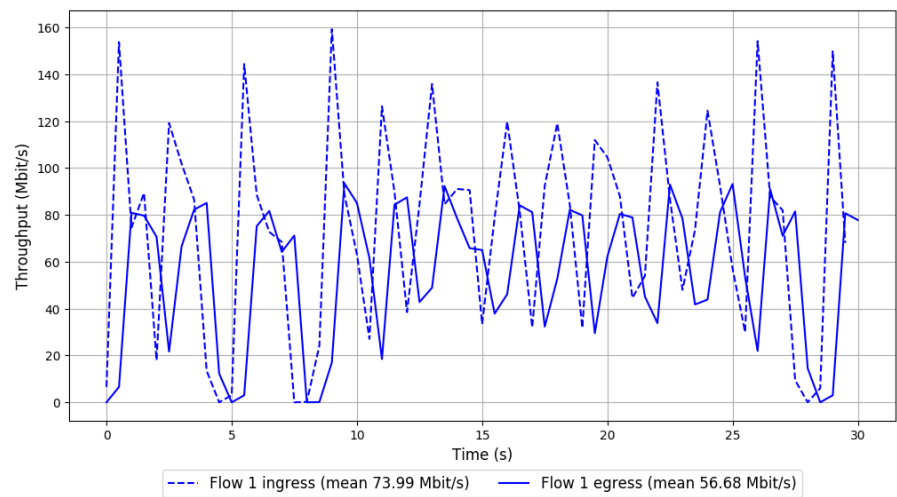


Run 3: Statistics of Verus

Start at: 2019-02-19 20:45:01
End at: 2019-02-19 20:45:31
Local clock offset: 0.962 ms
Remote clock offset: -5.749 ms

Below is generated by plot.py at 2019-02-19 22:04:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.68 Mbit/s
95th percentile per-packet one-way delay: 63.968 ms
Loss rate: 23.33%
-- Flow 1:
Average throughput: 56.68 Mbit/s
95th percentile per-packet one-way delay: 63.968 ms
Loss rate: 23.33%

Run 3: Report of Verus — Data Link

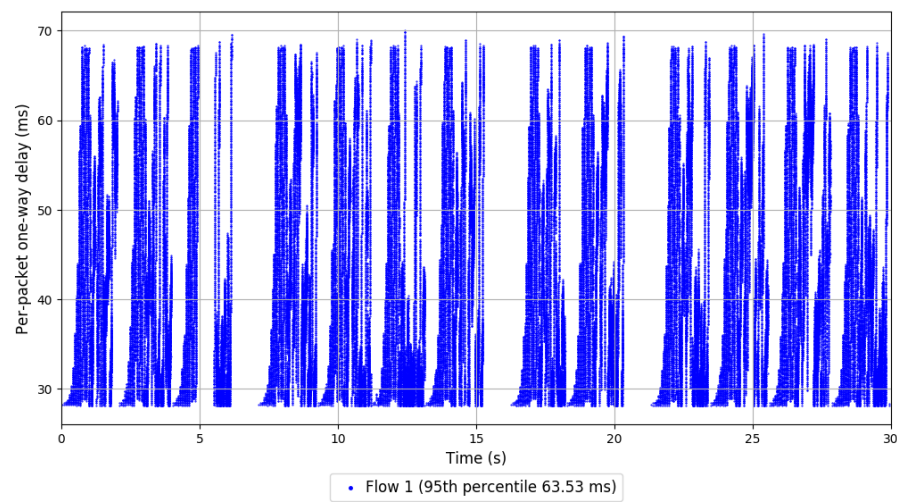
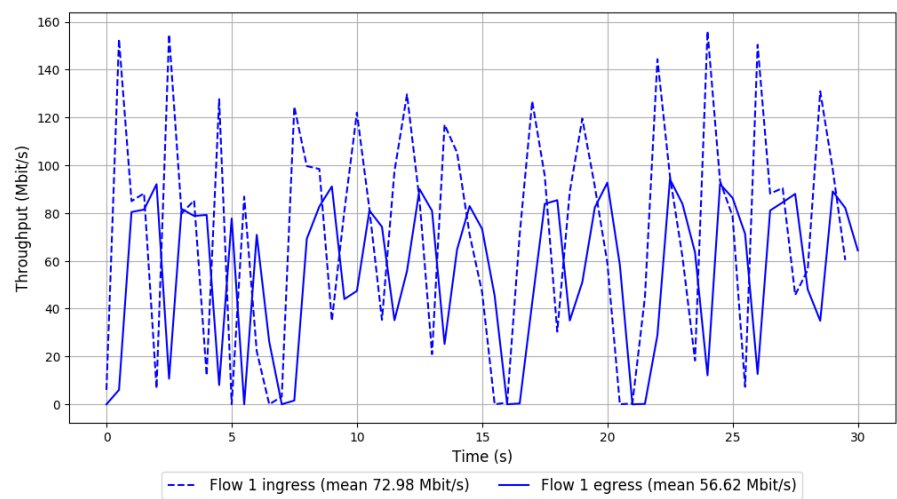


Run 4: Statistics of Verus

Start at: 2019-02-19 21:09:46
End at: 2019-02-19 21:10:16
Local clock offset: 0.753 ms
Remote clock offset: -4.894 ms

Below is generated by plot.py at 2019-02-19 22:04:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.62 Mbit/s
95th percentile per-packet one-way delay: 63.530 ms
Loss rate: 22.41%
-- Flow 1:
Average throughput: 56.62 Mbit/s
95th percentile per-packet one-way delay: 63.530 ms
Loss rate: 22.41%

Run 4: Report of Verus — Data Link

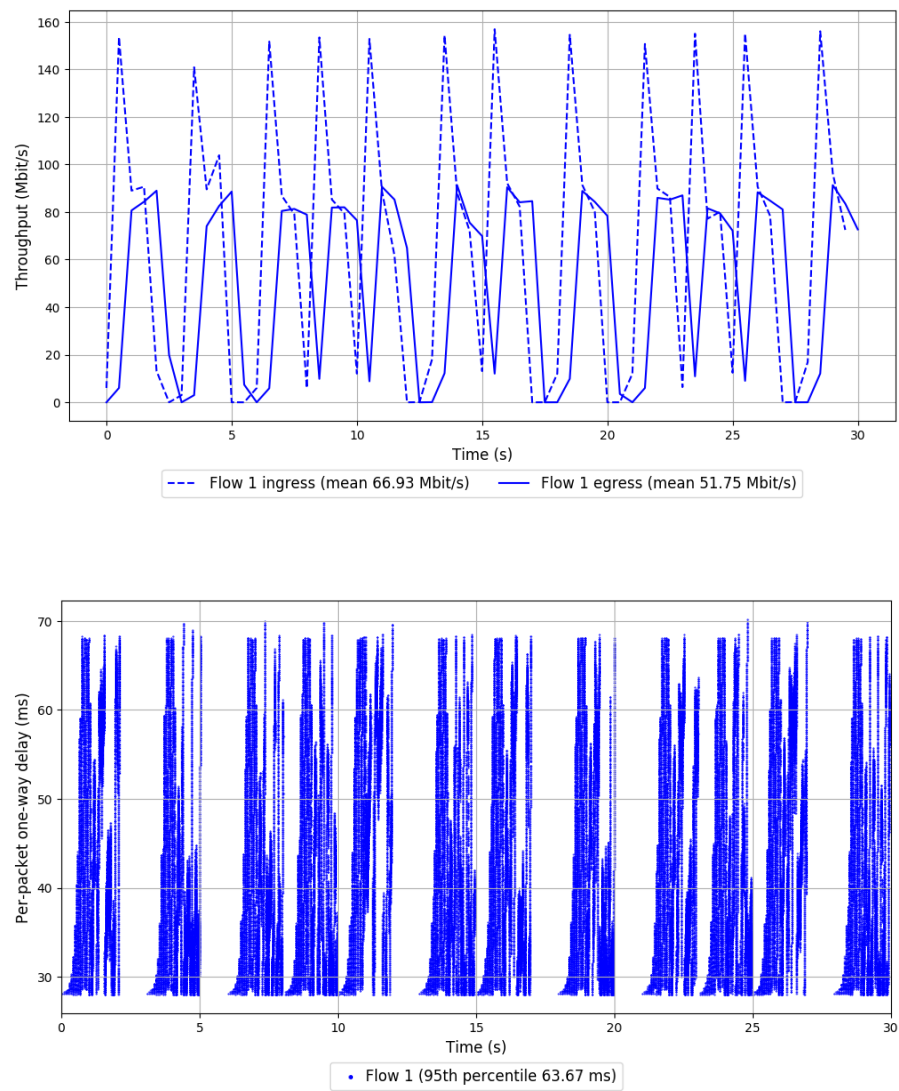


Run 5: Statistics of Verus

Start at: 2019-02-19 21:34:45
End at: 2019-02-19 21:35:15
Local clock offset: 0.601 ms
Remote clock offset: -4.614 ms

Below is generated by plot.py at 2019-02-19 22:04:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.75 Mbit/s
95th percentile per-packet one-way delay: 63.670 ms
Loss rate: 22.61%
-- Flow 1:
Average throughput: 51.75 Mbit/s
95th percentile per-packet one-way delay: 63.670 ms
Loss rate: 22.61%

Run 5: Report of Verus — Data Link

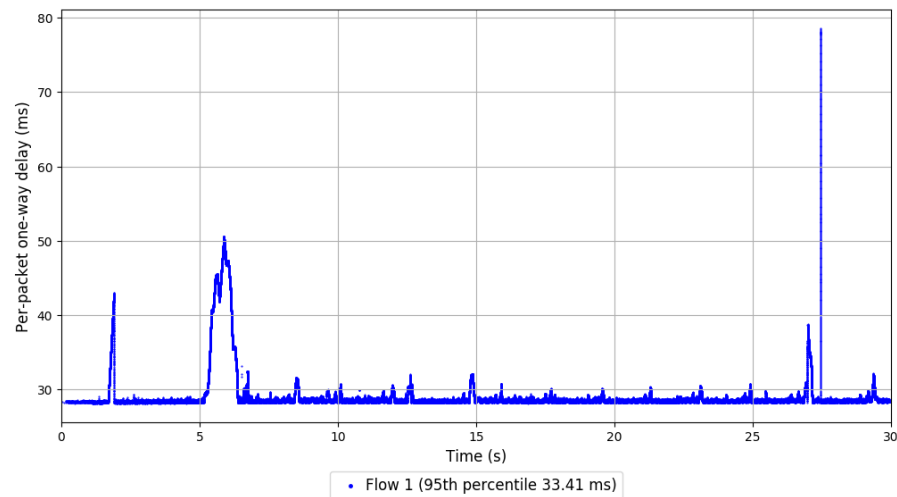
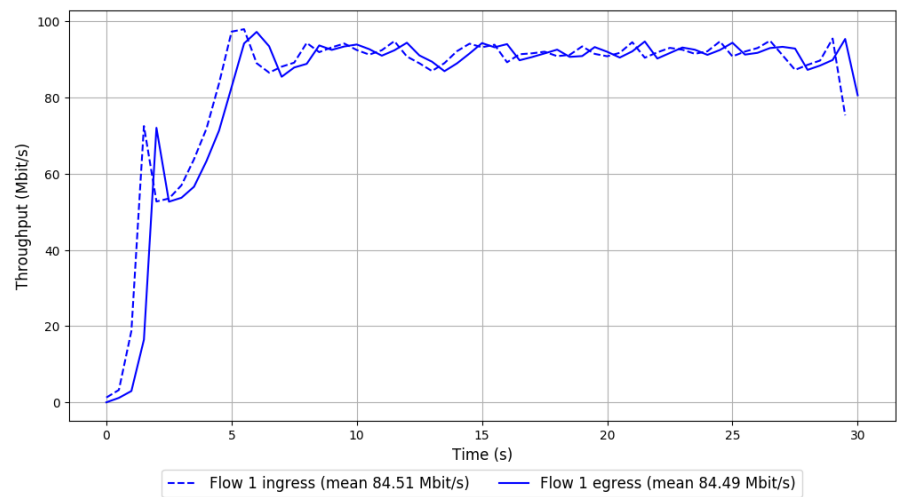


Run 1: Statistics of PCC-Vivace

Start at: 2019-02-19 19:50:10
End at: 2019-02-19 19:50:40
Local clock offset: 2.478 ms
Remote clock offset: -7.849 ms

Below is generated by plot.py at 2019-02-19 22:04:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.49 Mbit/s
95th percentile per-packet one-way delay: 33.408 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 84.49 Mbit/s
95th percentile per-packet one-way delay: 33.408 ms
Loss rate: 0.03%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-02-19 20:15:02

End at: 2019-02-19 20:15:32

Local clock offset: 1.466 ms

Remote clock offset: -9.276 ms

Below is generated by plot.py at 2019-02-19 22:04:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.33 Mbit/s

95th percentile per-packet one-way delay: 28.834 ms

Loss rate: 0.02%

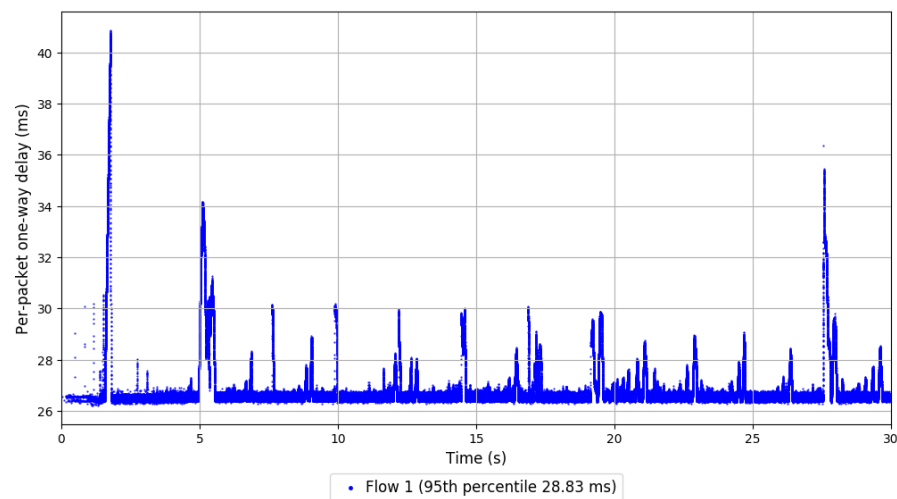
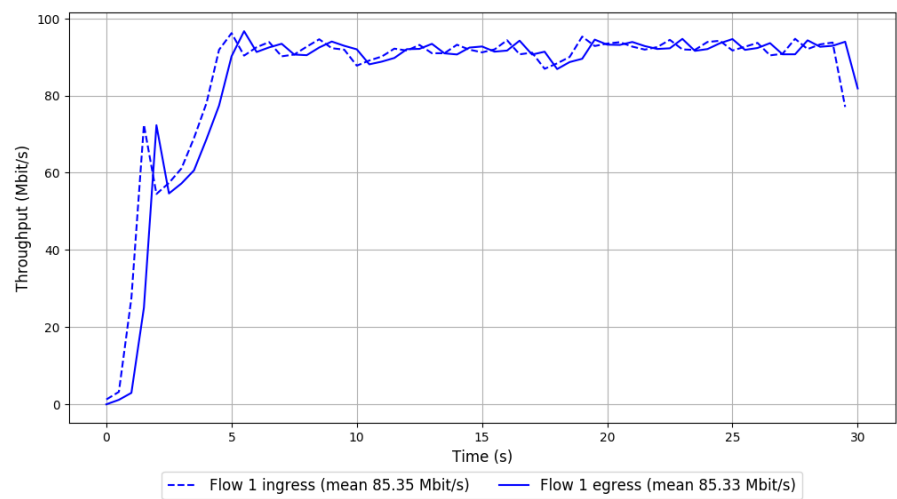
-- Flow 1:

Average throughput: 85.33 Mbit/s

95th percentile per-packet one-way delay: 28.834 ms

Loss rate: 0.02%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-02-19 20:40:23

End at: 2019-02-19 20:40:53

Local clock offset: 1.017 ms

Remote clock offset: -8.383 ms

Below is generated by plot.py at 2019-02-19 22:04:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.67 Mbit/s

95th percentile per-packet one-way delay: 32.066 ms

Loss rate: 0.02%

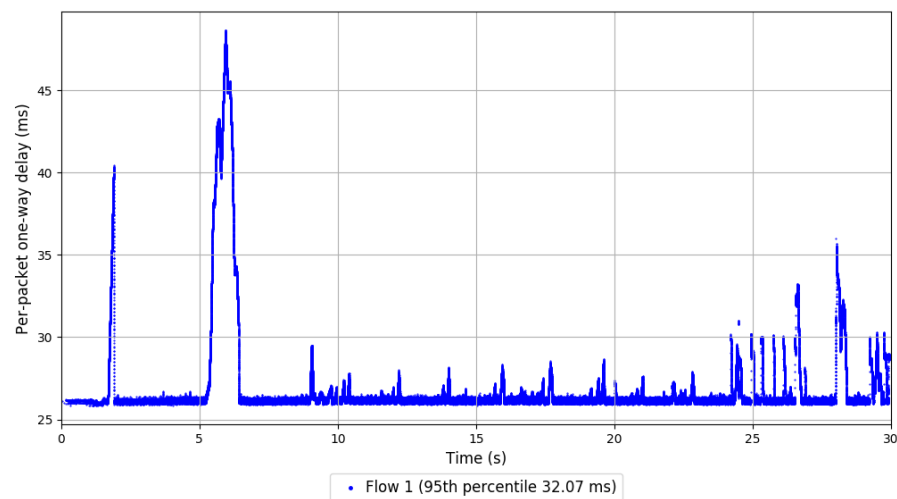
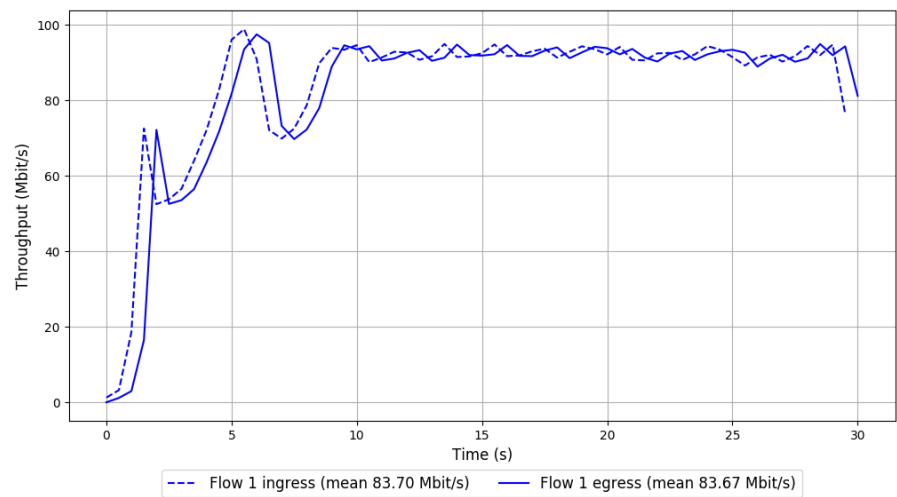
-- Flow 1:

Average throughput: 83.67 Mbit/s

95th percentile per-packet one-way delay: 32.066 ms

Loss rate: 0.02%

Run 3: Report of PCC-Vivace — Data Link

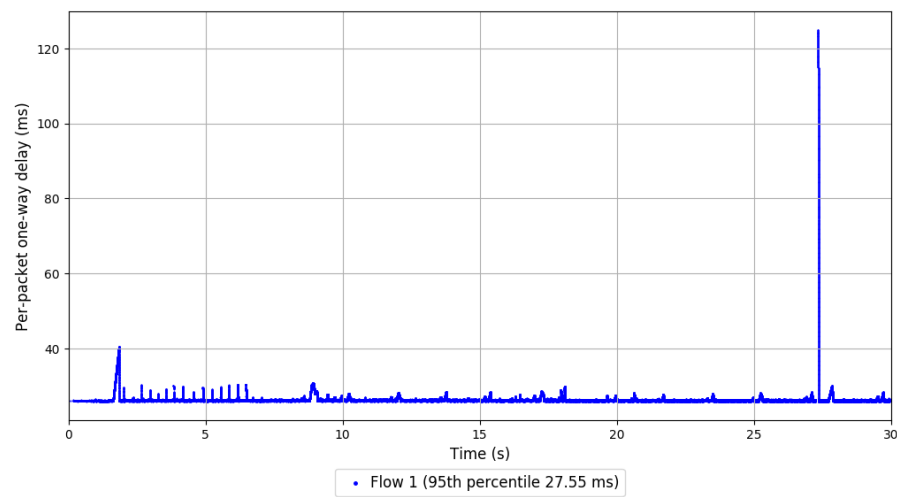
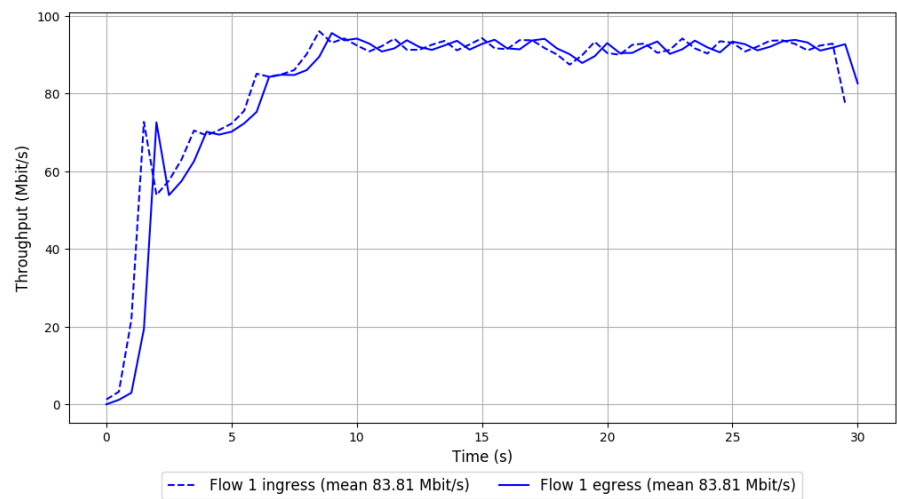


Run 4: Statistics of PCC-Vivace

Start at: 2019-02-19 21:05:01
End at: 2019-02-19 21:05:31
Local clock offset: 0.899 ms
Remote clock offset: -7.116 ms

Below is generated by plot.py at 2019-02-19 22:04:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.81 Mbit/s
95th percentile per-packet one-way delay: 27.550 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 83.81 Mbit/s
95th percentile per-packet one-way delay: 27.550 ms
Loss rate: 0.01%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-02-19 21:29:49

End at: 2019-02-19 21:30:19

Local clock offset: 0.857 ms

Remote clock offset: -3.999 ms

Below is generated by plot.py at 2019-02-19 22:04:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.04 Mbit/s

95th percentile per-packet one-way delay: 31.288 ms

Loss rate: 0.00%

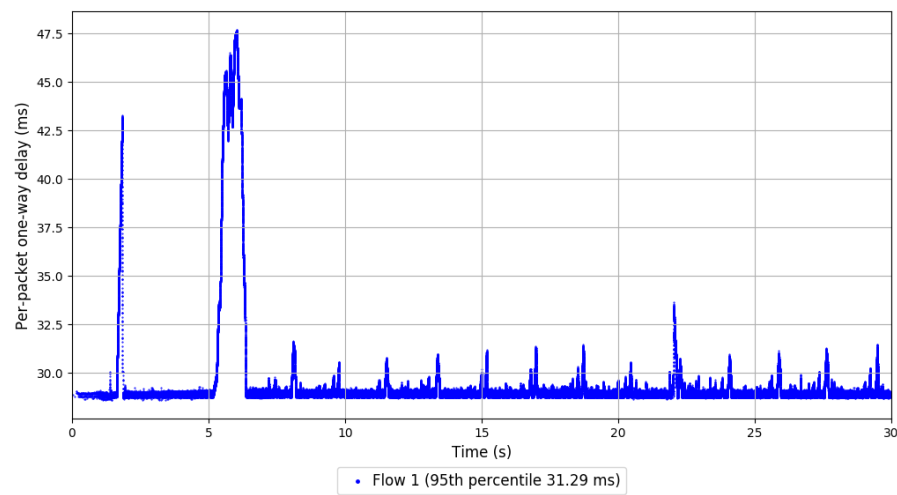
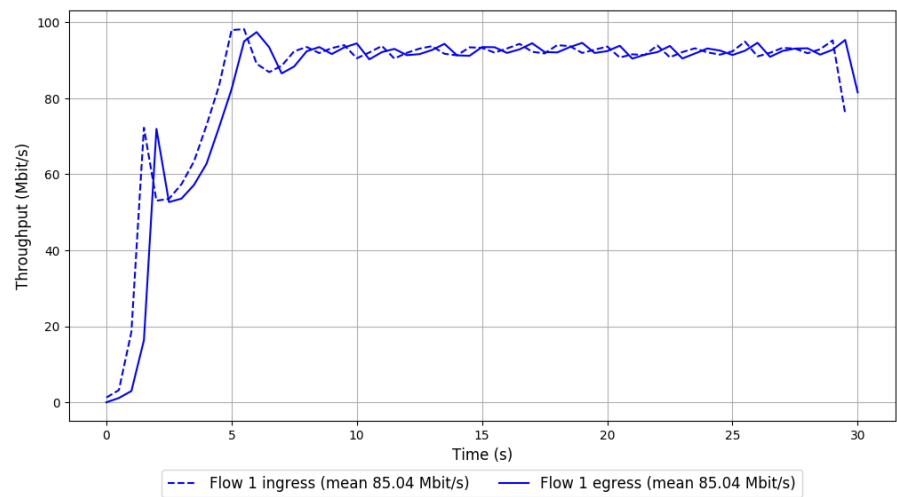
-- Flow 1:

Average throughput: 85.04 Mbit/s

95th percentile per-packet one-way delay: 31.288 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

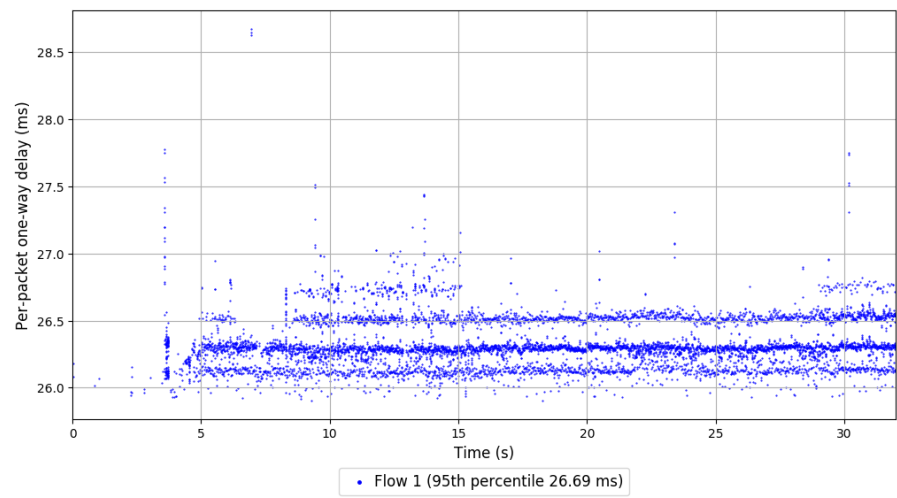
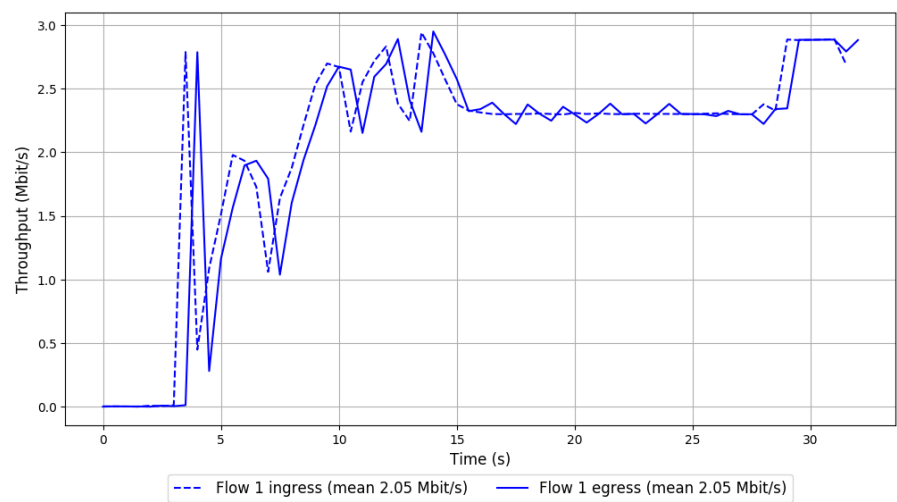


Run 1: Statistics of WebRTC media

Start at: 2019-02-19 19:52:34
End at: 2019-02-19 19:53:04
Local clock offset: 2.58 ms
Remote clock offset: -10.011 ms

Below is generated by plot.py at 2019-02-19 22:04:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 26.688 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 26.688 ms
Loss rate: 0.06%

Run 1: Report of WebRTC media — Data Link

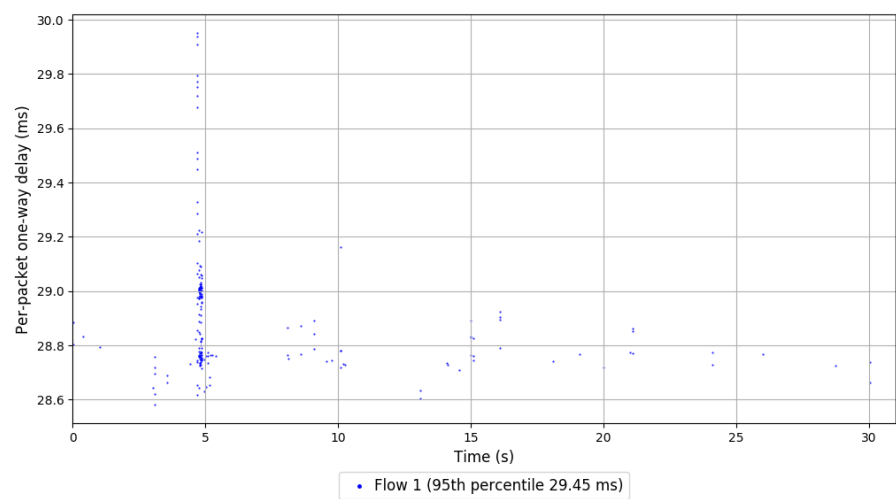
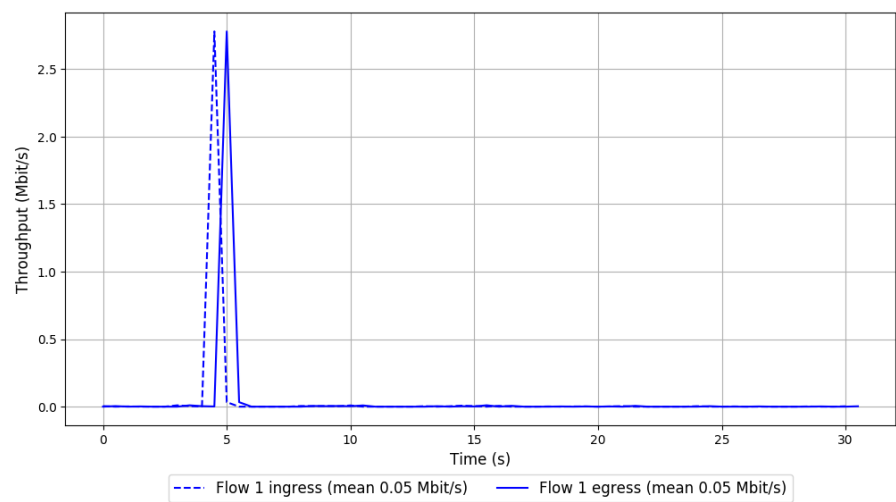


Run 2: Statistics of WebRTC media

Start at: 2019-02-19 20:17:27
End at: 2019-02-19 20:17:57
Local clock offset: 1.487 ms
Remote clock offset: -6.893 ms

Below is generated by plot.py at 2019-02-19 22:04:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 29.448 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 29.448 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

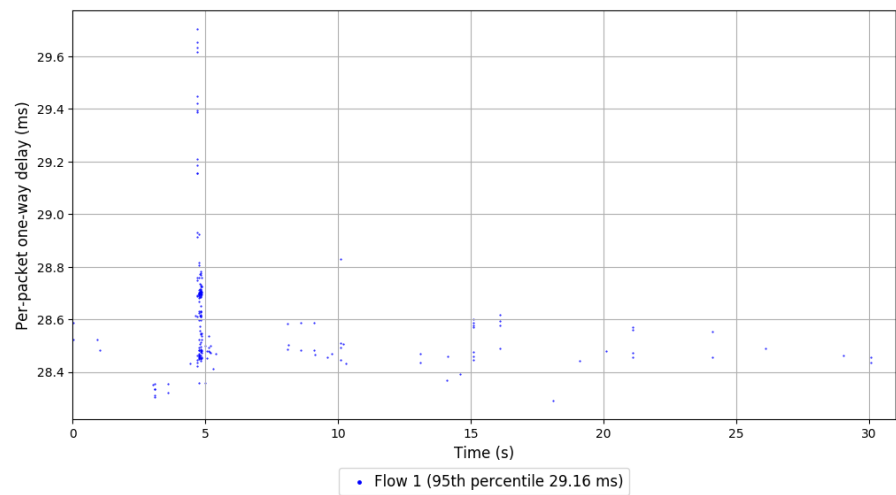
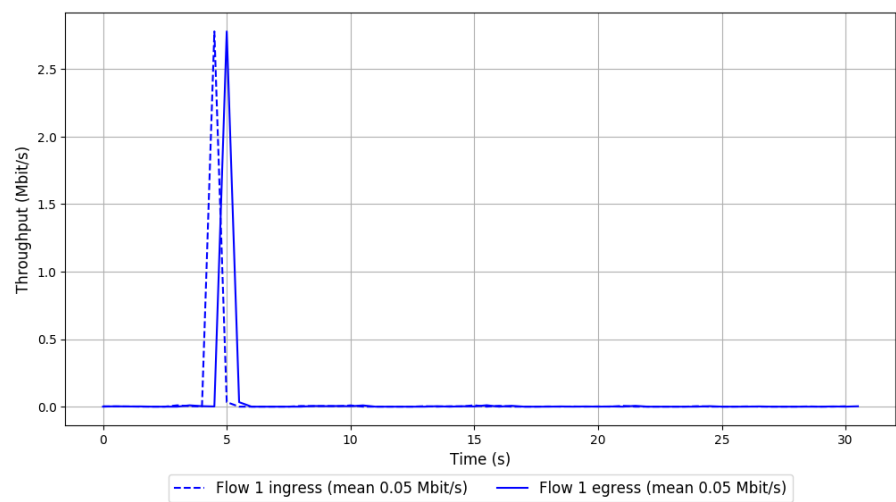


Run 3: Statistics of WebRTC media

Start at: 2019-02-19 20:42:46
End at: 2019-02-19 20:43:16
Local clock offset: 0.954 ms
Remote clock offset: -5.837 ms

Below is generated by plot.py at 2019-02-19 22:04:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 29.157 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 29.157 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

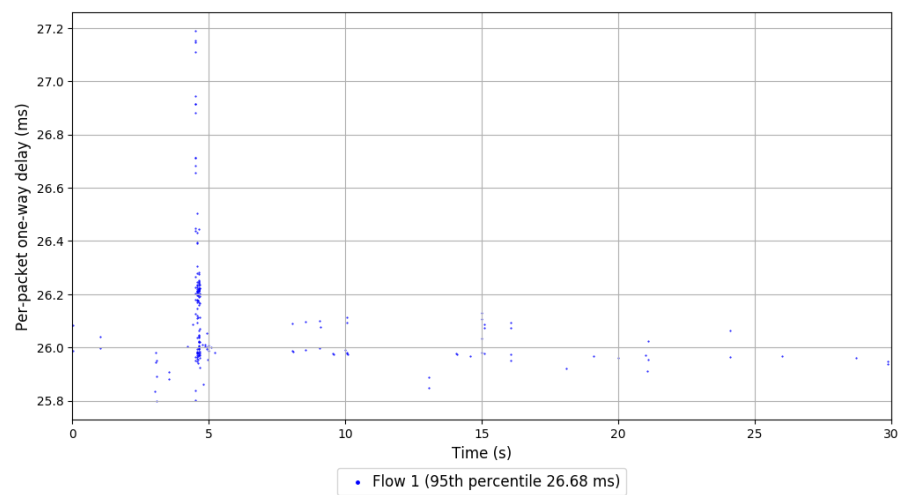
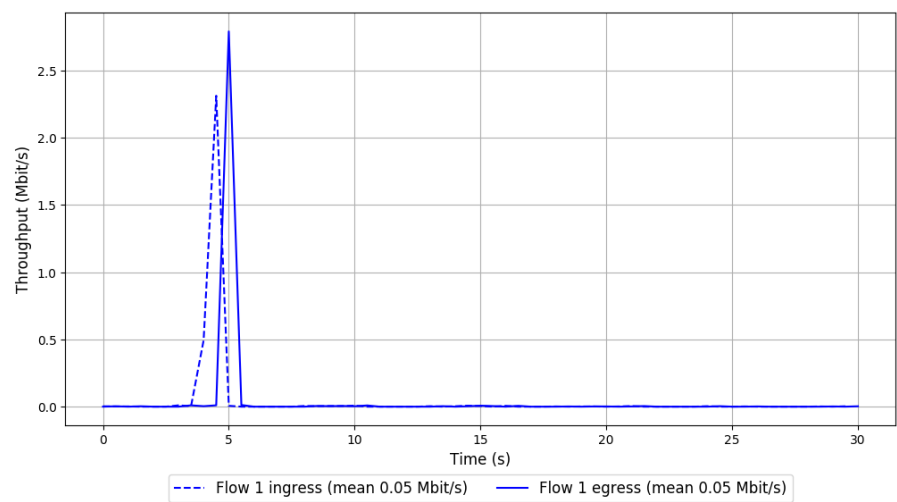


Run 4: Statistics of WebRTC media

Start at: 2019-02-19 21:07:28
End at: 2019-02-19 21:07:58
Local clock offset: 0.819 ms
Remote clock offset: -7.064 ms

Below is generated by plot.py at 2019-02-19 22:04:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 26.684 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 26.684 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-02-19 21:32:20

End at: 2019-02-19 21:32:50

Local clock offset: 0.7 ms

Remote clock offset: -6.42 ms

Below is generated by plot.py at 2019-02-19 22:04:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 27.043 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 27.043 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

