

Pantheon Report

Generated at 2019-01-17 09:46:22 (UTC).

Data path: AWS California 1 on `ens5` (*local*) → Stanford on `eno1` (*remote*).

Repeated the test of 21 congestion control schemes 5 times.

Each test lasted for 30 seconds running 1 flow.

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

System info:

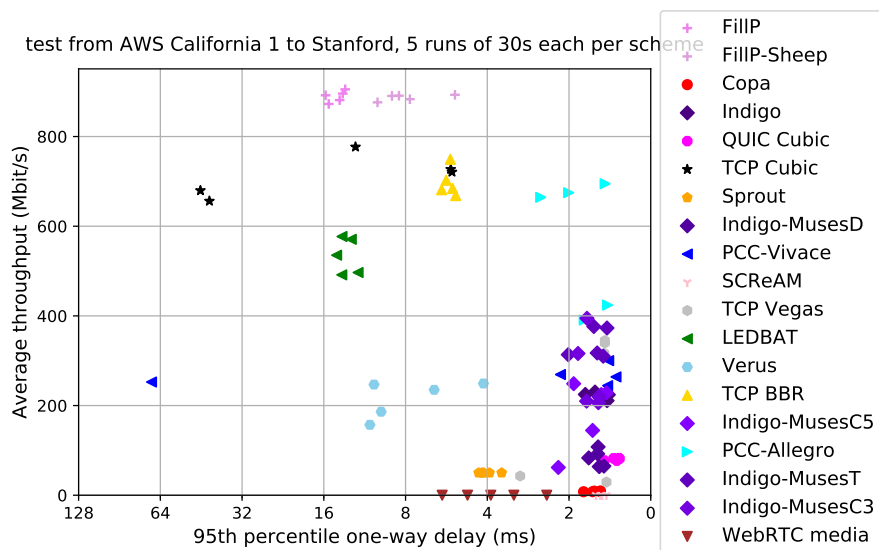
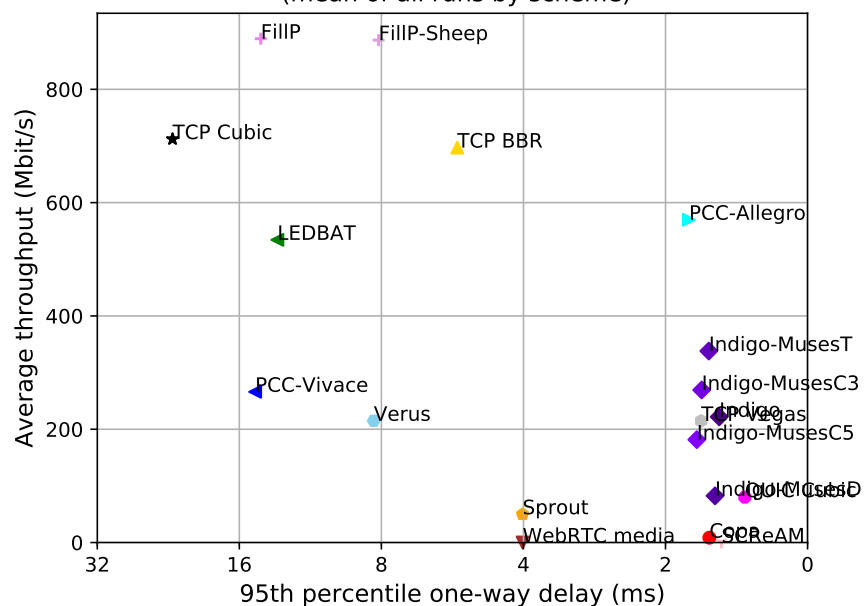
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ c80a283586bf7b0cc1fe08c69c8f60d56498f81c
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ c3eee875824760ec5b2fd207fefe166e1afe2170
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	697.14	5.52	0.11
Copa	5	8.54	1.38	43.54
TCP Cubic	5	712.10	22.17	0.12
FillP	5	889.36	14.41	3.62
FillP-Sheep	5	886.85	8.11	2.68
Indigo	5	221.85	1.24	0.01
Indigo-MusesC3	5	269.25	1.49	0.05
Indigo-MusesC5	5	181.65	1.56	0.02
Indigo-MusesD	5	82.41	1.30	0.03
Indigo-MusesT	5	338.02	1.39	0.03
LEDBAT	5	534.27	13.29	0.09
PCC-Allegro	5	569.75	1.67	0.15
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	80.19	0.88	0.00
SCReAM	5	0.22	1.21	0.00
Sprout	5	49.96	4.02	0.12
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	214.65	1.50	0.01
Verus	5	214.90	8.30	0.70
PCC-Vivace	5	266.03	14.81	0.03
WebRTC media	5	0.05	4.02	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-01-17 06:37:40
End at: 2019-01-17 06:38:10
Local clock offset: -0.018 ms
Remote clock offset: -1.182 ms

Below is generated by plot.py at 2019-01-17 09:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 668.23 Mbit/s

95th percentile per-packet one-way delay: 5.226 ms

Loss rate: 0.11%

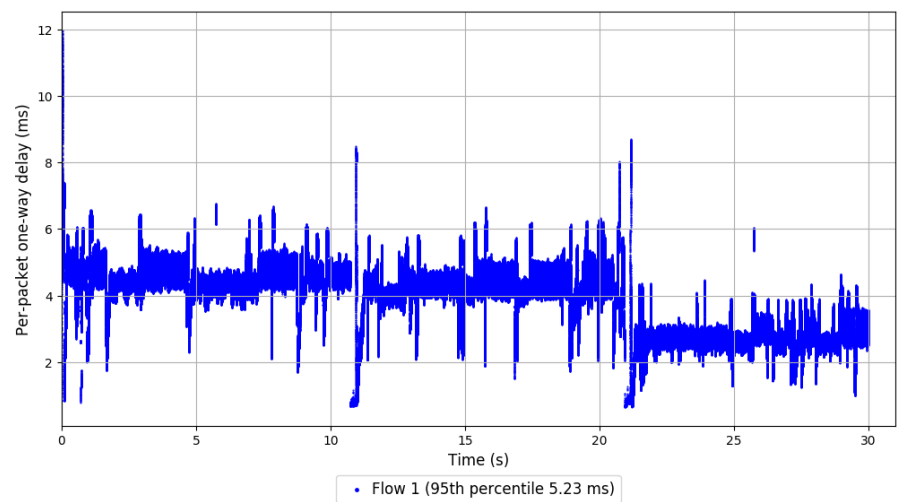
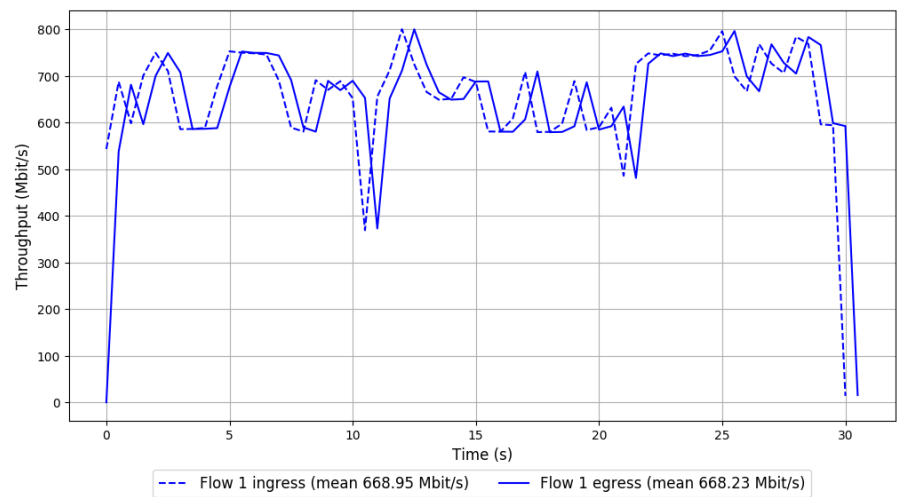
-- Flow 1:

Average throughput: 668.23 Mbit/s

95th percentile per-packet one-way delay: 5.226 ms

Loss rate: 0.11%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-01-17 07:06:33

End at: 2019-01-17 07:07:03

Local clock offset: -3.201 ms

Remote clock offset: -0.419 ms

Below is generated by plot.py at 2019-01-17 09:07:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 684.25 Mbit/s

95th percentile per-packet one-way delay: 5.368 ms

Loss rate: 0.15%

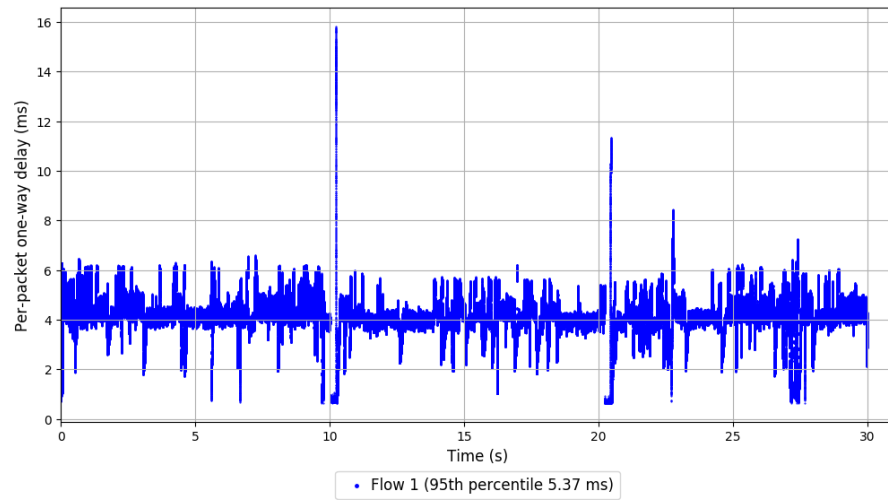
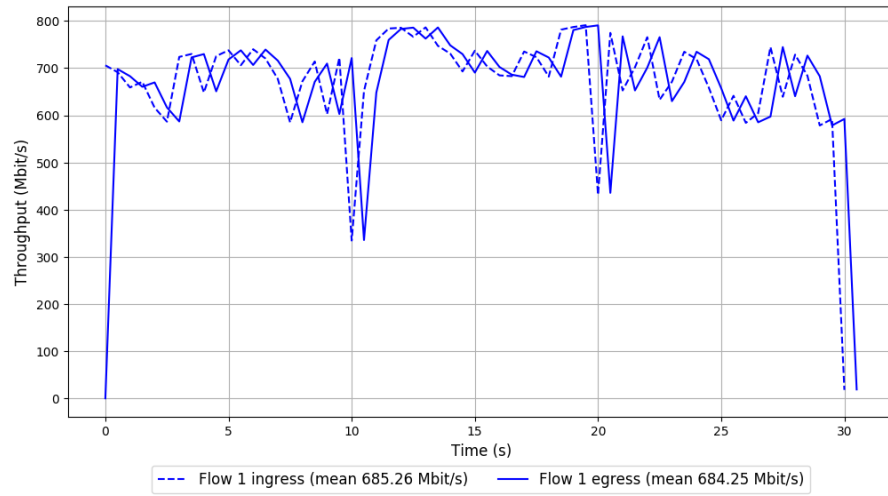
-- Flow 1:

Average throughput: 684.25 Mbit/s

95th percentile per-packet one-way delay: 5.368 ms

Loss rate: 0.15%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-01-17 07:35:11

End at: 2019-01-17 07:35:41

Local clock offset: -3.47 ms

Remote clock offset: -0.272 ms

Below is generated by plot.py at 2019-01-17 09:08:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 749.33 Mbit/s

95th percentile per-packet one-way delay: 5.470 ms

Loss rate: 0.15%

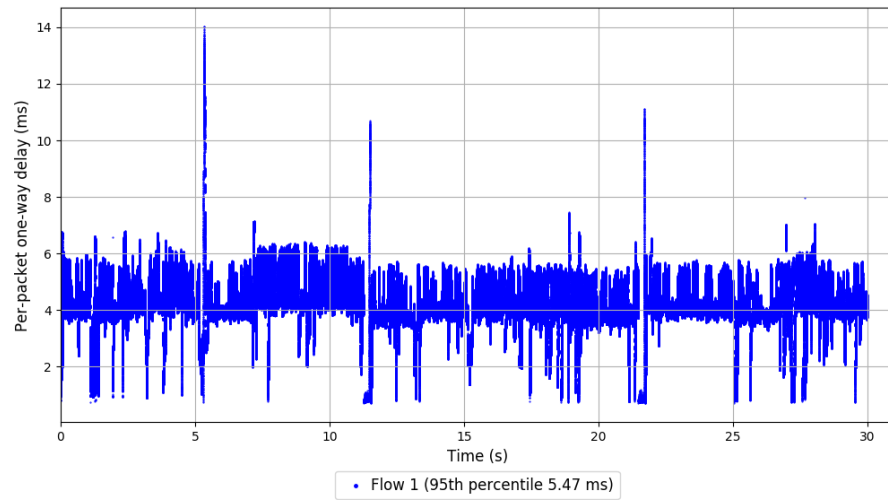
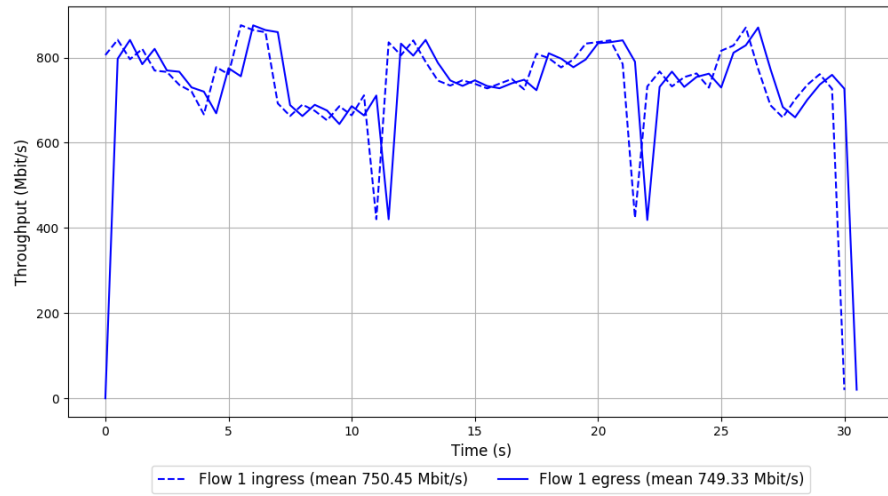
-- Flow 1:

Average throughput: 749.33 Mbit/s

95th percentile per-packet one-way delay: 5.470 ms

Loss rate: 0.15%

Run 3: Report of TCP BBR — Data Link

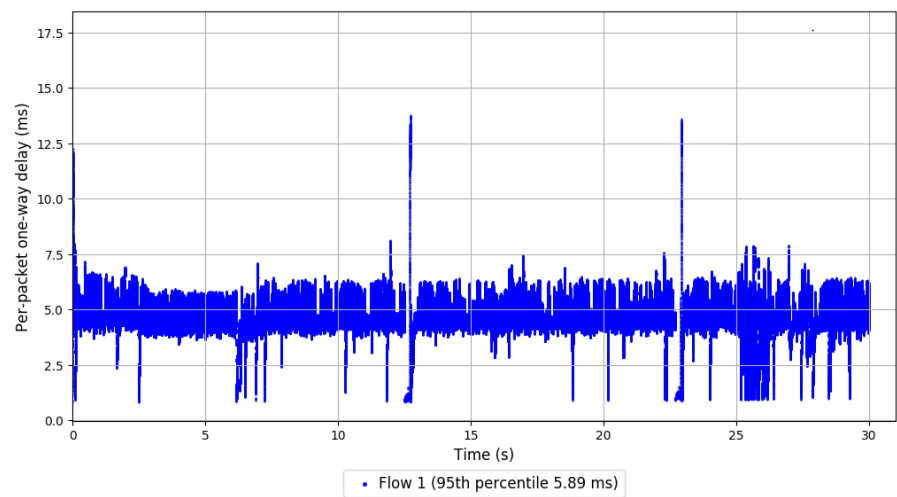
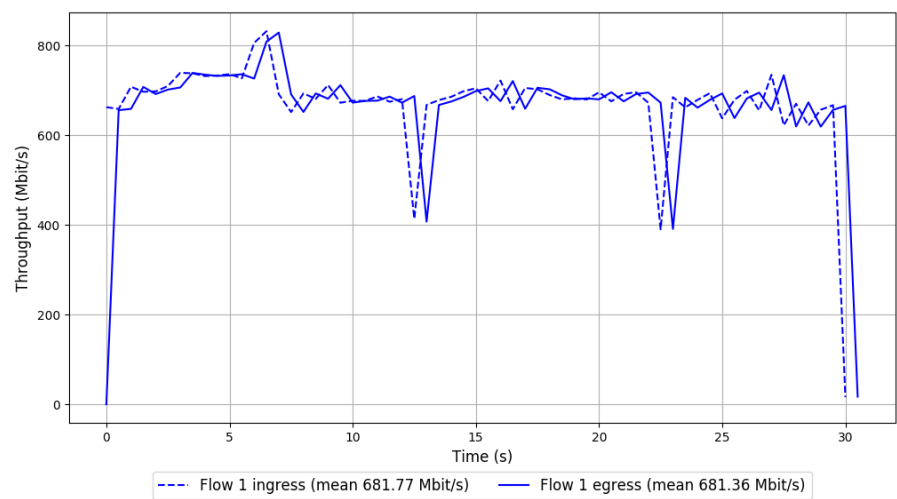


Run 4: Statistics of TCP BBR

Start at: 2019-01-17 08:04:04
End at: 2019-01-17 08:04:34
Local clock offset: 2.589 ms
Remote clock offset: -3.929 ms

Below is generated by plot.py at 2019-01-17 09:08:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 681.36 Mbit/s
95th percentile per-packet one-way delay: 5.890 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 681.36 Mbit/s
95th percentile per-packet one-way delay: 5.890 ms
Loss rate: 0.06%

Run 4: Report of TCP BBR — Data Link

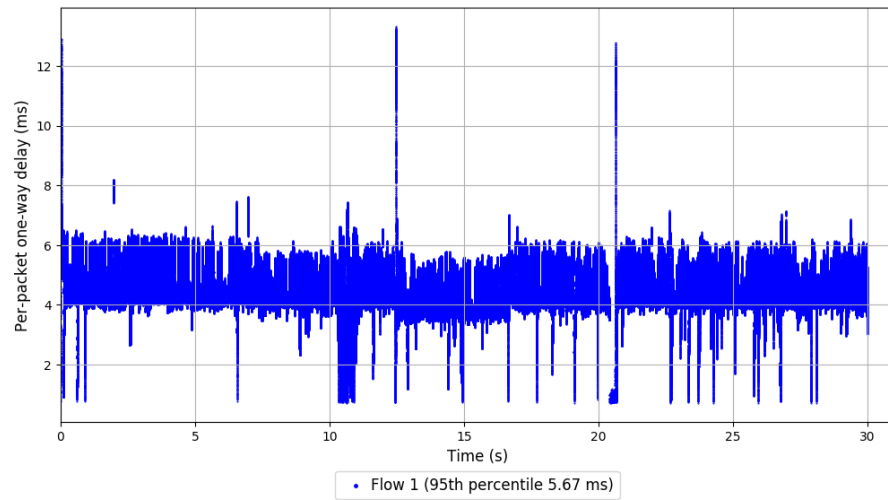
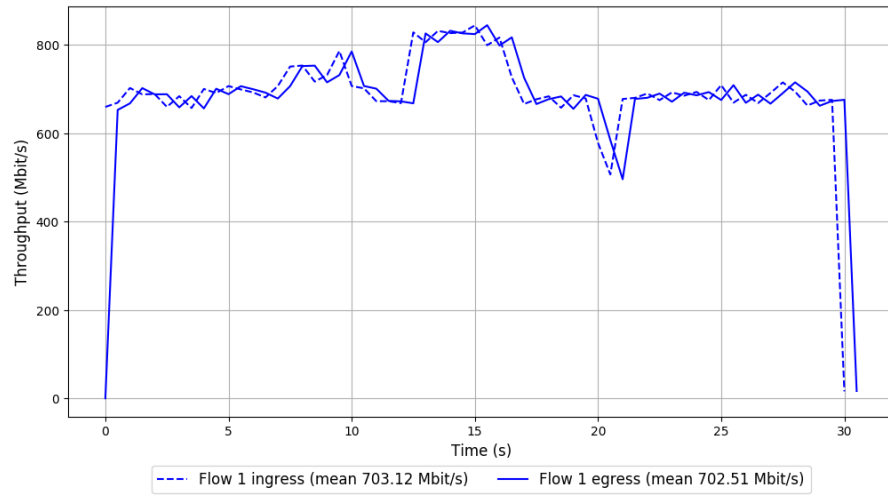


Run 5: Statistics of TCP BBR

Start at: 2019-01-17 08:32:49
End at: 2019-01-17 08:33:19
Local clock offset: 3.807 ms
Remote clock offset: -0.883 ms

Below is generated by plot.py at 2019-01-17 09:08:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 702.51 Mbit/s
95th percentile per-packet one-way delay: 5.668 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 702.51 Mbit/s
95th percentile per-packet one-way delay: 5.668 ms
Loss rate: 0.09%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2019-01-17 06:48:40

End at: 2019-01-17 06:49:10

Local clock offset: -0.695 ms

Remote clock offset: -0.46 ms

Below is generated by plot.py at 2019-01-17 09:08:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.01 Mbit/s

95th percentile per-packet one-way delay: 1.418 ms

Loss rate: 41.93%

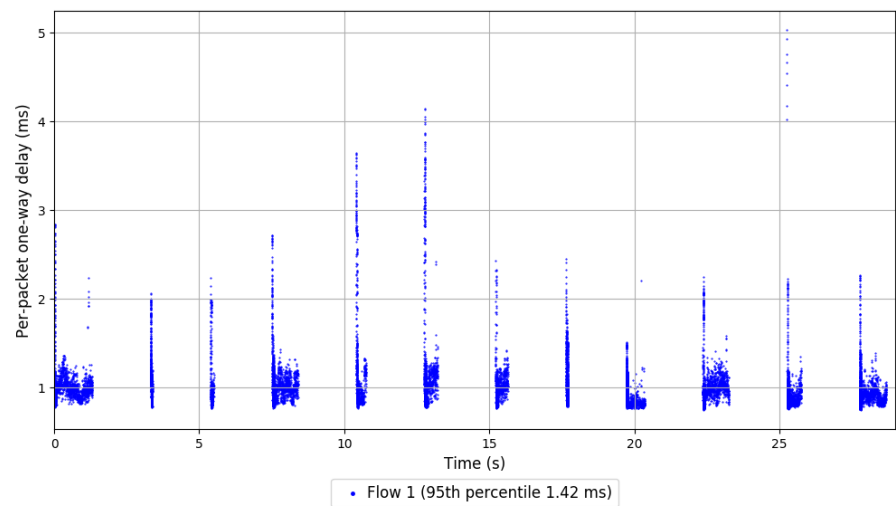
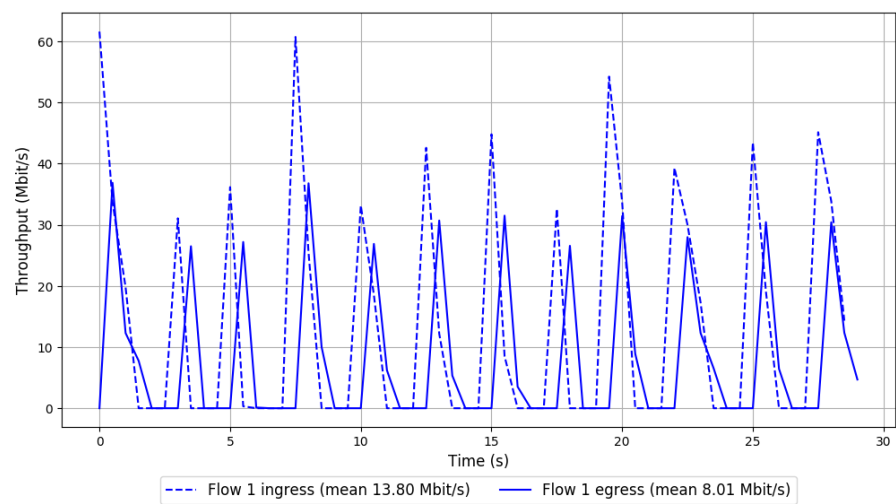
-- Flow 1:

Average throughput: 8.01 Mbit/s

95th percentile per-packet one-way delay: 1.418 ms

Loss rate: 41.93%

Run 1: Report of Copa — Data Link

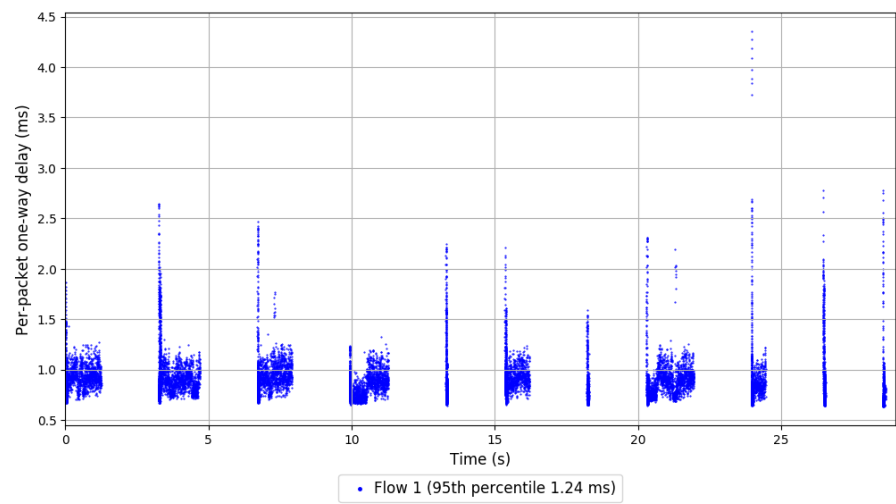
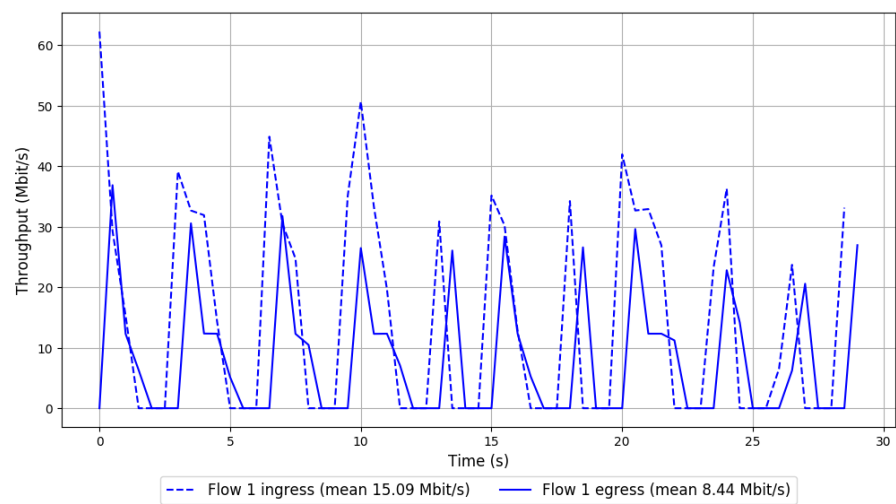


Run 2: Statistics of Copa

Start at: 2019-01-17 07:17:20
End at: 2019-01-17 07:17:50
Local clock offset: -3.986 ms
Remote clock offset: -0.329 ms

Below is generated by plot.py at 2019-01-17 09:08:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 44.09%
-- Flow 1:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 44.09%

Run 2: Report of Copa — Data Link

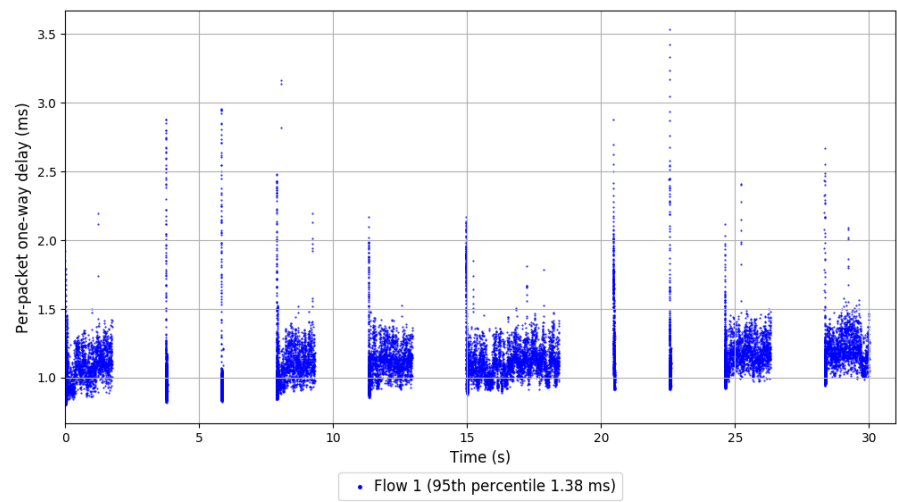
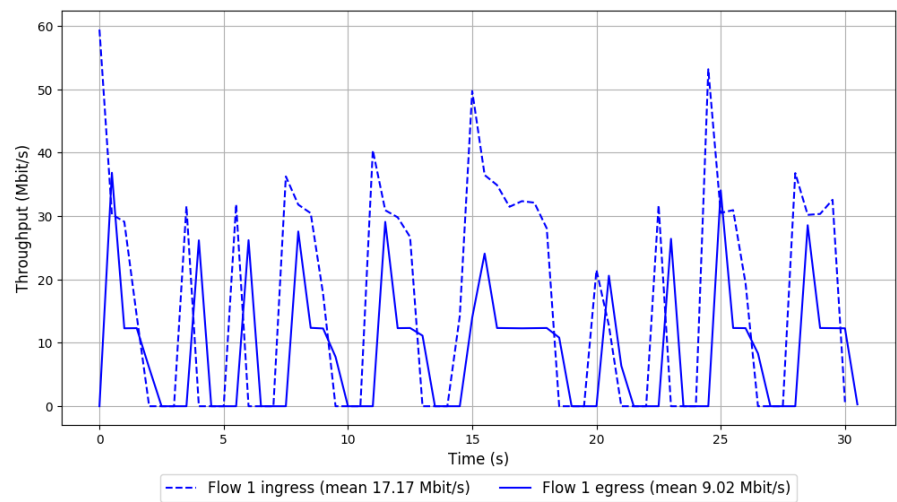


Run 3: Statistics of Copa

Start at: 2019-01-17 07:46:16
End at: 2019-01-17 07:46:46
Local clock offset: -3.625 ms
Remote clock offset: -0.863 ms

Below is generated by plot.py at 2019-01-17 09:08:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.02 Mbit/s
95th percentile per-packet one-way delay: 1.383 ms
Loss rate: 47.44%
-- Flow 1:
Average throughput: 9.02 Mbit/s
95th percentile per-packet one-way delay: 1.383 ms
Loss rate: 47.44%

Run 3: Report of Copa — Data Link

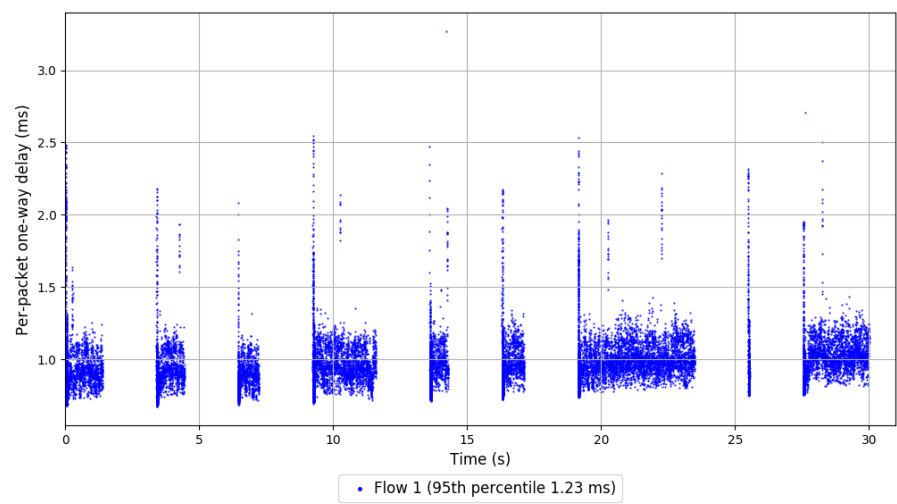
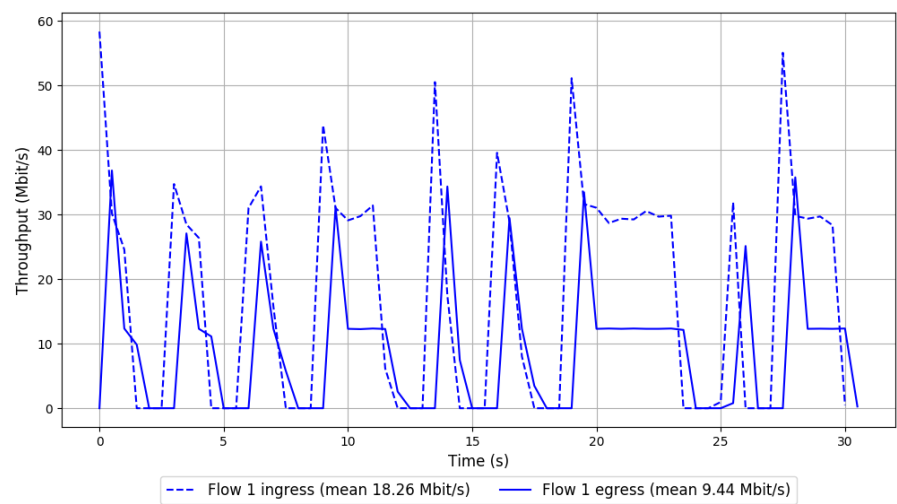


Run 4: Statistics of Copa

Start at: 2019-01-17 08:14:55
End at: 2019-01-17 08:15:25
Local clock offset: 4.261 ms
Remote clock offset: -4.844 ms

Below is generated by plot.py at 2019-01-17 09:08:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.44 Mbit/s
95th percentile per-packet one-way delay: 1.231 ms
Loss rate: 48.33%
-- Flow 1:
Average throughput: 9.44 Mbit/s
95th percentile per-packet one-way delay: 1.231 ms
Loss rate: 48.33%

Run 4: Report of Copa — Data Link

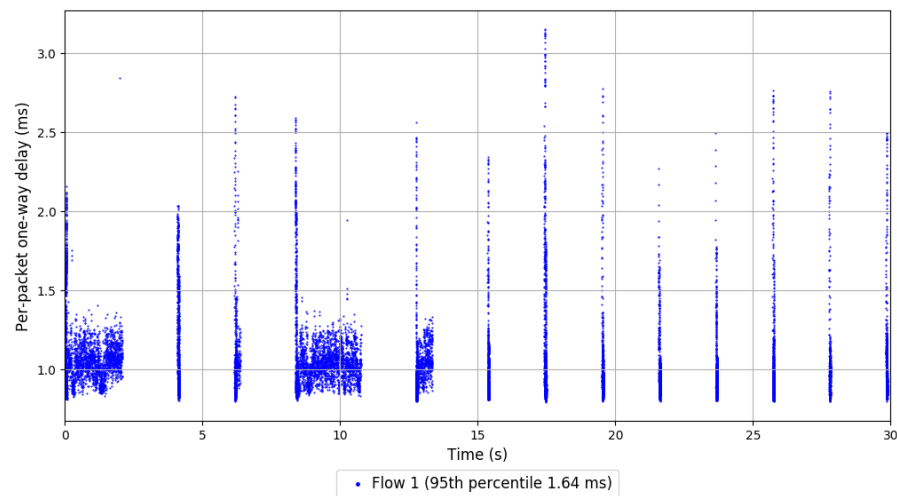
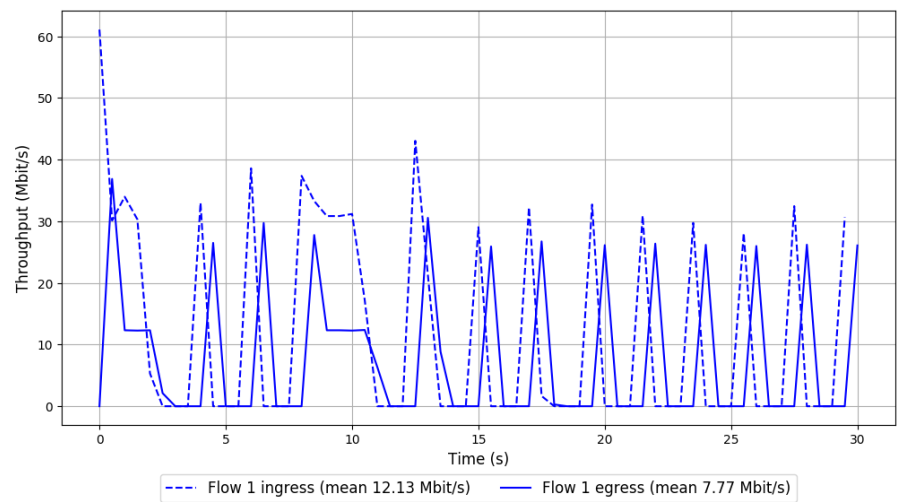


Run 5: Statistics of Copa

Start at: 2019-01-17 08:43:44
End at: 2019-01-17 08:44:14
Local clock offset: 3.948 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2019-01-17 09:08:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 1.644 ms
Loss rate: 35.89%
-- Flow 1:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 1.644 ms
Loss rate: 35.89%

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-01-17 06:33:38

End at: 2019-01-17 06:34:08

Local clock offset: 0.376 ms

Remote clock offset: -1.38 ms

Below is generated by plot.py at 2019-01-17 09:08:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 679.57 Mbit/s

95th percentile per-packet one-way delay: 45.550 ms

Loss rate: 0.14%

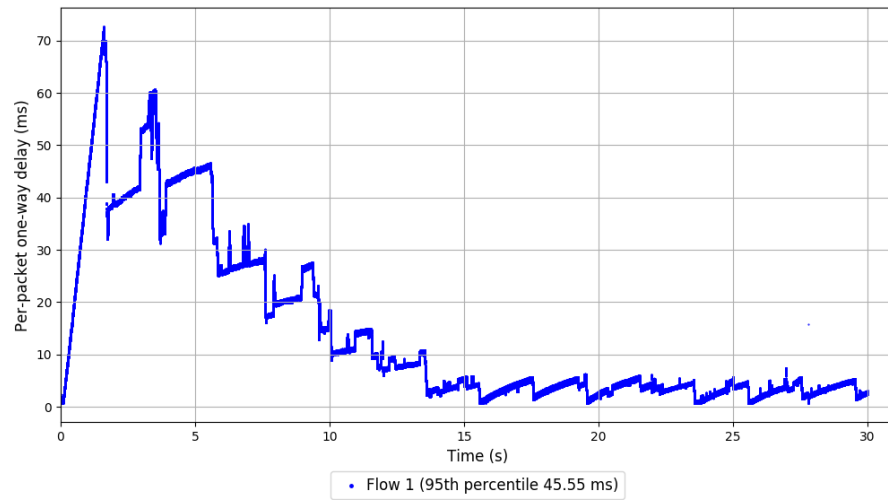
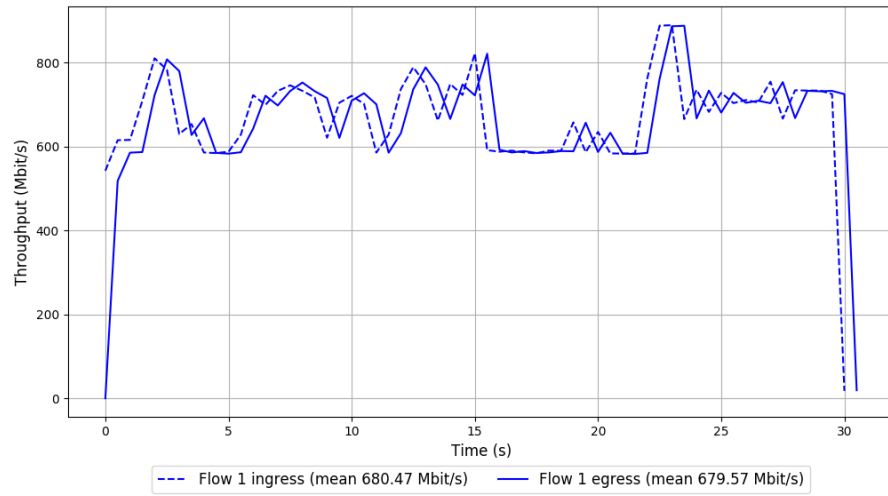
-- Flow 1:

Average throughput: 679.57 Mbit/s

95th percentile per-packet one-way delay: 45.550 ms

Loss rate: 0.14%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-01-17 07:02:30

End at: 2019-01-17 07:03:00

Local clock offset: -2.836 ms

Remote clock offset: -0.42 ms

Below is generated by plot.py at 2019-01-17 09:08:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 656.10 Mbit/s

95th percentile per-packet one-way delay: 42.206 ms

Loss rate: 0.16%

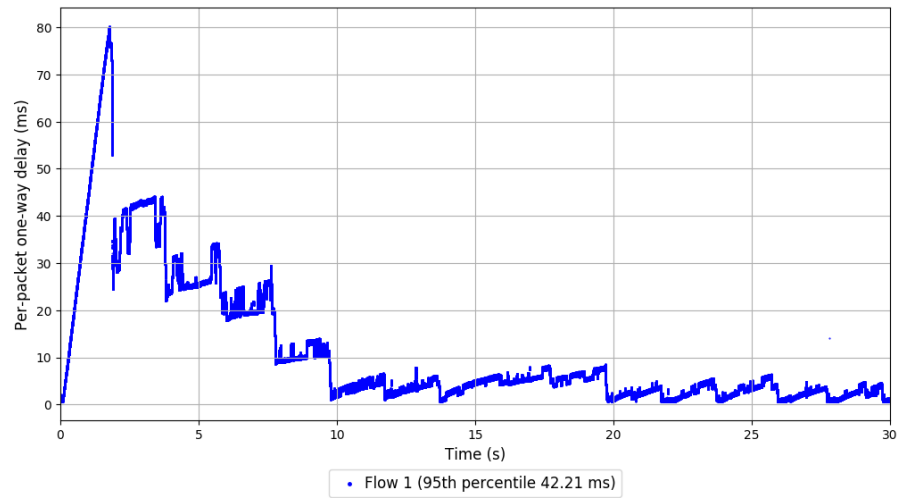
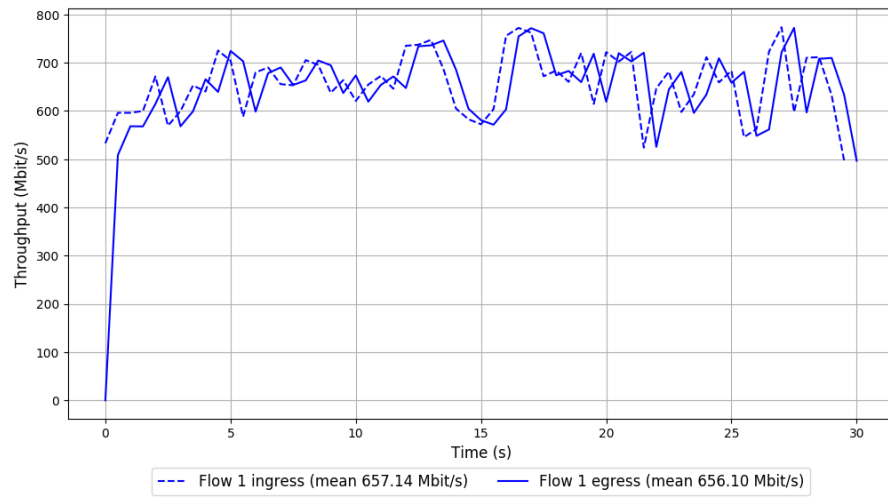
-- Flow 1:

Average throughput: 656.10 Mbit/s

95th percentile per-packet one-way delay: 42.206 ms

Loss rate: 0.16%

Run 2: Report of TCP Cubic — Data Link

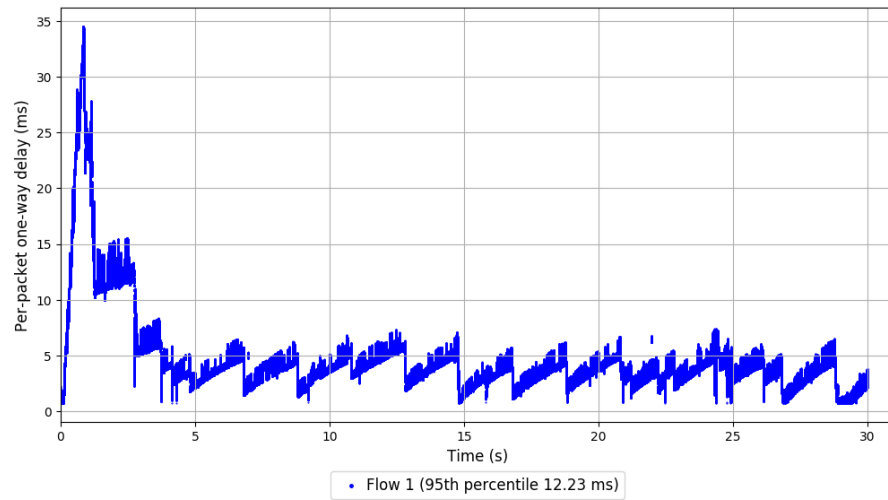
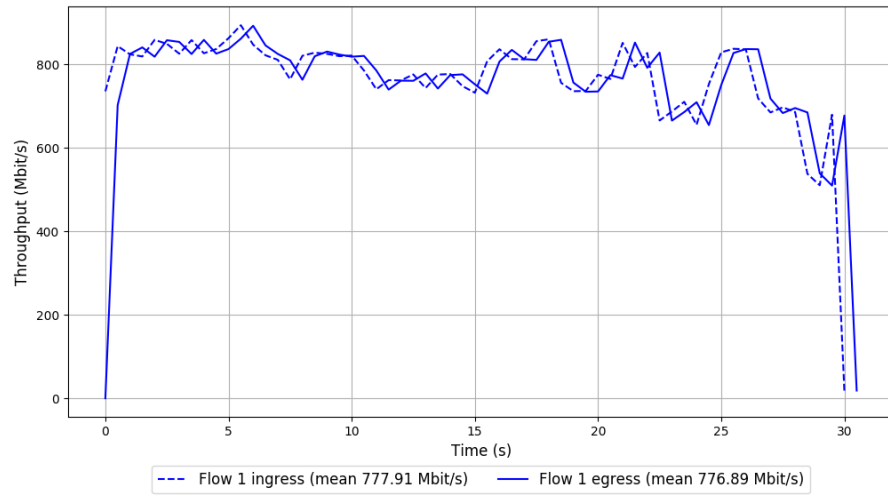


Run 3: Statistics of TCP Cubic

Start at: 2019-01-17 07:31:05
End at: 2019-01-17 07:31:35
Local clock offset: -3.5 ms
Remote clock offset: -0.233 ms

Below is generated by plot.py at 2019-01-17 09:08:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 776.89 Mbit/s
95th percentile per-packet one-way delay: 12.229 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 776.89 Mbit/s
95th percentile per-packet one-way delay: 12.229 ms
Loss rate: 0.13%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-01-17 08:00:00

End at: 2019-01-17 08:00:30

Local clock offset: 1.45 ms

Remote clock offset: -3.52 ms

Below is generated by plot.py at 2019-01-17 09:13:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 727.01 Mbit/s

95th percentile per-packet one-way delay: 5.455 ms

Loss rate: 0.11%

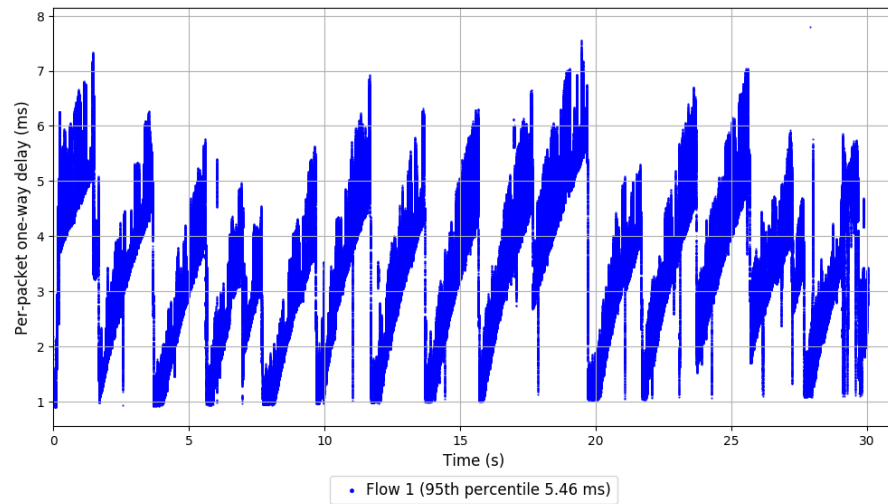
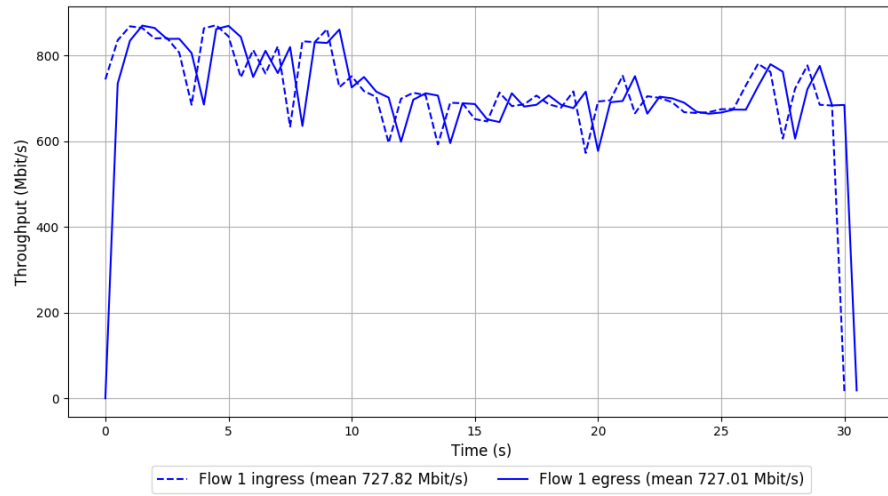
-- Flow 1:

Average throughput: 727.01 Mbit/s

95th percentile per-packet one-way delay: 5.455 ms

Loss rate: 0.11%

Run 4: Report of TCP Cubic — Data Link

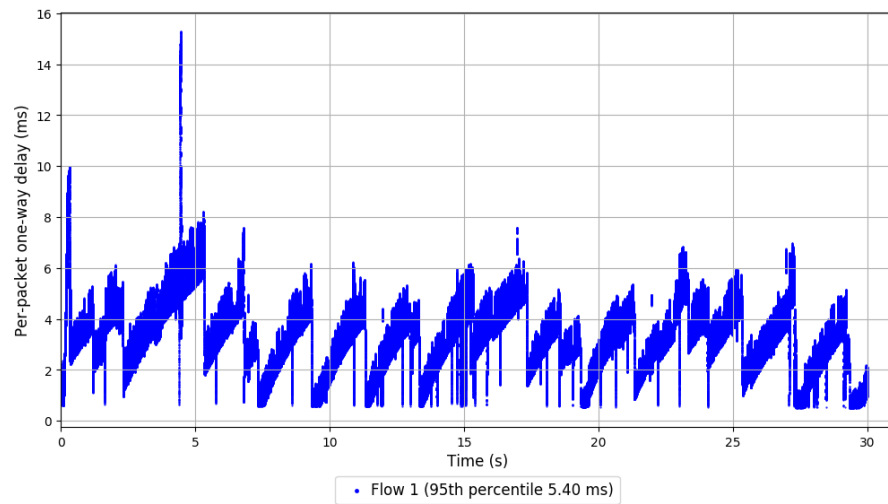
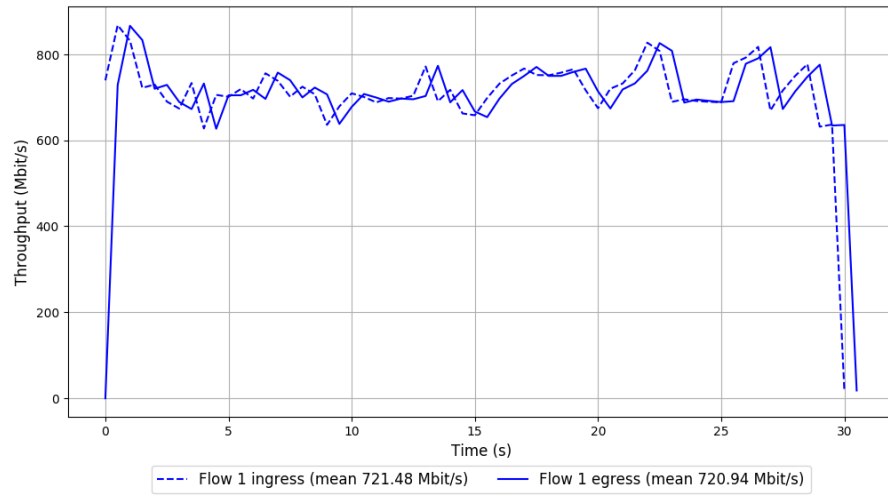


Run 5: Statistics of TCP Cubic

Start at: 2019-01-17 08:28:45
End at: 2019-01-17 08:29:15
Local clock offset: 3.936 ms
Remote clock offset: -1.568 ms

Below is generated by plot.py at 2019-01-17 09:13:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 720.94 Mbit/s
95th percentile per-packet one-way delay: 5.397 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 720.94 Mbit/s
95th percentile per-packet one-way delay: 5.397 ms
Loss rate: 0.08%

Run 5: Report of TCP Cubic — Data Link

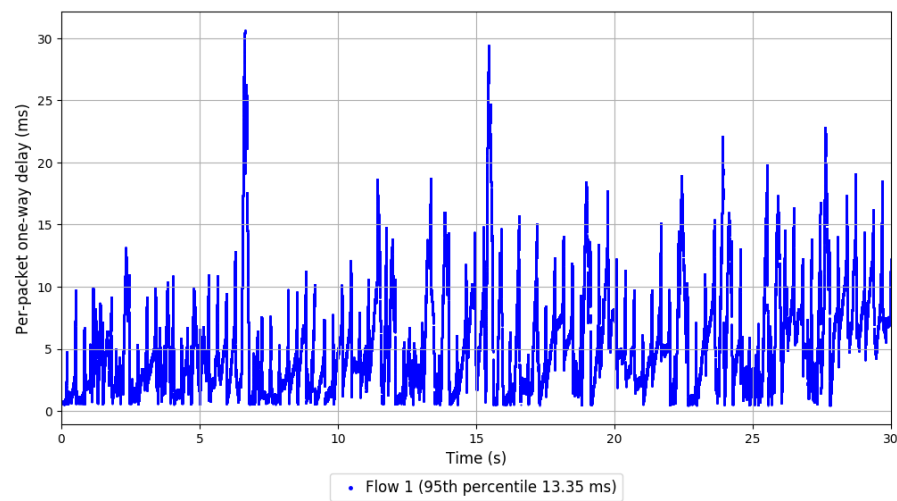
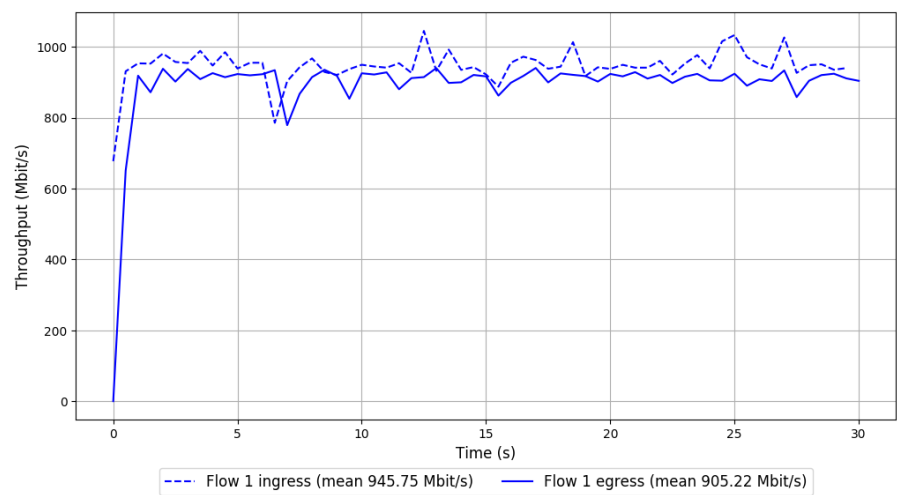


Run 1: Statistics of FillP

Start at: 2019-01-17 06:49:53
End at: 2019-01-17 06:50:23
Local clock offset: -0.748 ms
Remote clock offset: -0.556 ms

Below is generated by plot.py at 2019-01-17 09:19:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 905.22 Mbit/s
95th percentile per-packet one-way delay: 13.347 ms
Loss rate: 4.29%
-- Flow 1:
Average throughput: 905.22 Mbit/s
95th percentile per-packet one-way delay: 13.347 ms
Loss rate: 4.29%

Run 1: Report of FillP — Data Link

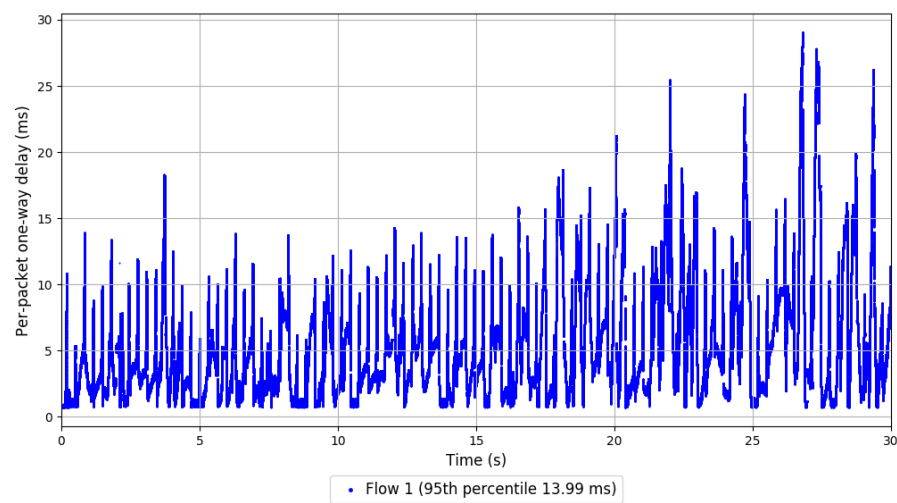
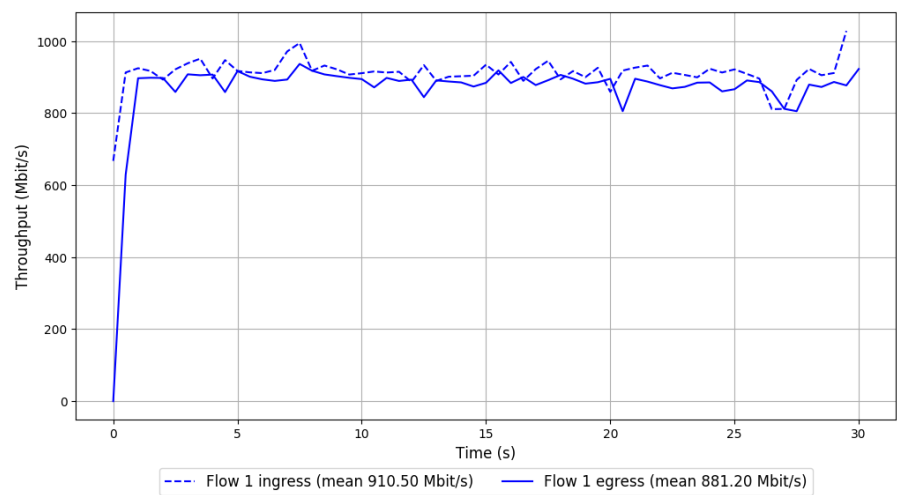


Run 2: Statistics of FillP

Start at: 2019-01-17 07:18:33
End at: 2019-01-17 07:19:03
Local clock offset: -4.052 ms
Remote clock offset: -0.246 ms

Below is generated by plot.py at 2019-01-17 09:19:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 881.20 Mbit/s
95th percentile per-packet one-way delay: 13.989 ms
Loss rate: 3.22%
-- Flow 1:
Average throughput: 881.20 Mbit/s
95th percentile per-packet one-way delay: 13.989 ms
Loss rate: 3.22%

Run 2: Report of FillP — Data Link

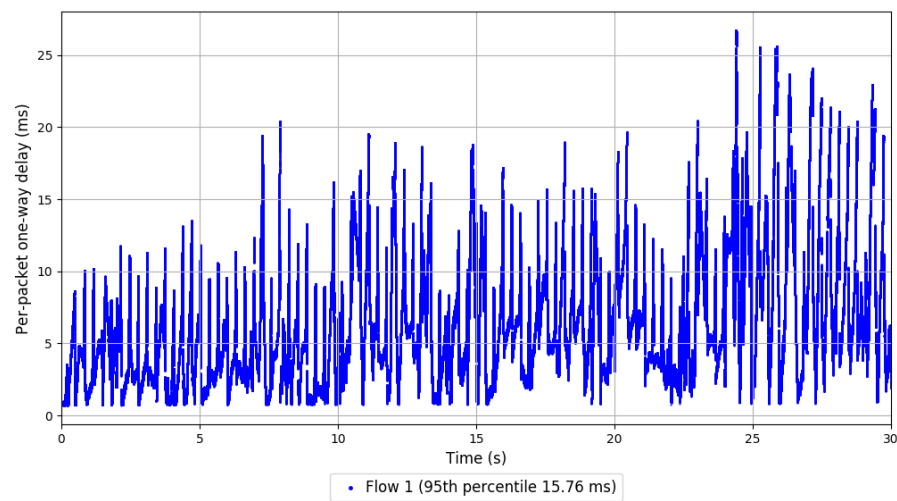
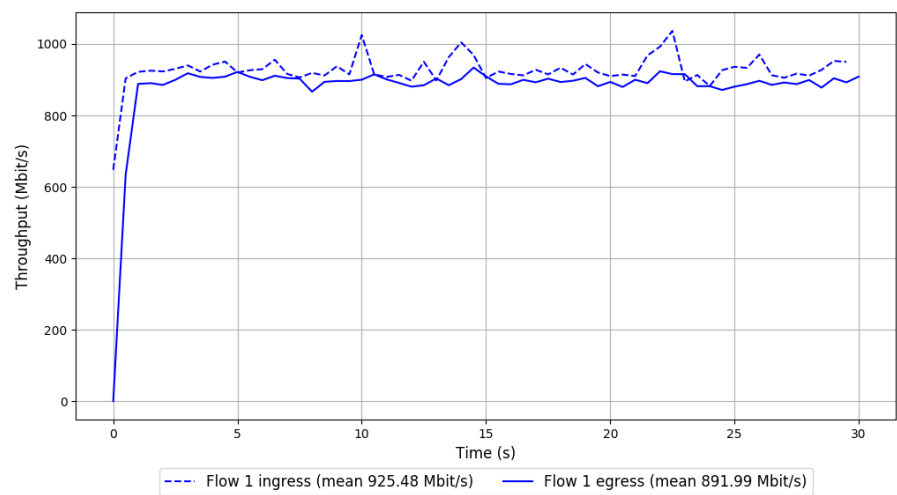


Run 3: Statistics of FillP

Start at: 2019-01-17 07:47:29
End at: 2019-01-17 07:47:59
Local clock offset: -3.604 ms
Remote clock offset: -1.258 ms

Below is generated by plot.py at 2019-01-17 09:19:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 891.99 Mbit/s
95th percentile per-packet one-way delay: 15.762 ms
Loss rate: 3.61%
-- Flow 1:
Average throughput: 891.99 Mbit/s
95th percentile per-packet one-way delay: 15.762 ms
Loss rate: 3.61%

Run 3: Report of FillP — Data Link

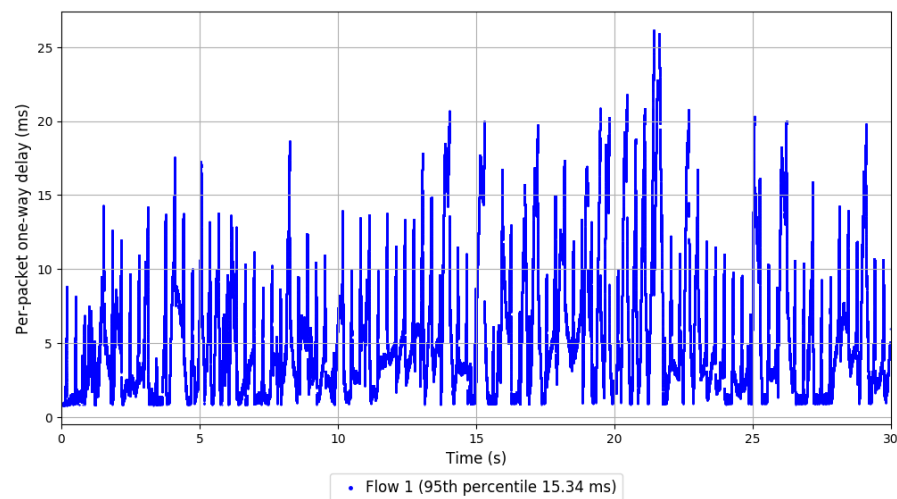
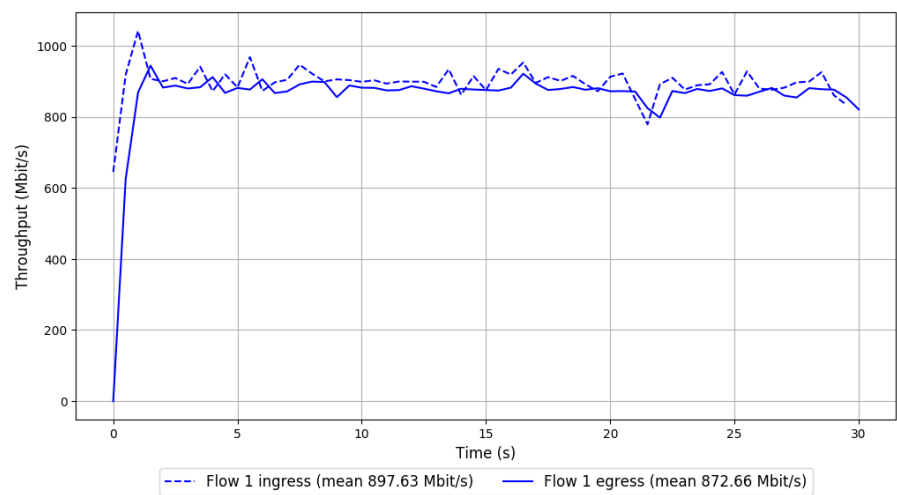


Run 4: Statistics of FillP

Start at: 2019-01-17 08:16:08
End at: 2019-01-17 08:16:38
Local clock offset: 4.359 ms
Remote clock offset: -4.804 ms

Below is generated by plot.py at 2019-01-17 09:19:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 872.66 Mbit/s
95th percentile per-packet one-way delay: 15.344 ms
Loss rate: 2.78%
-- Flow 1:
Average throughput: 872.66 Mbit/s
95th percentile per-packet one-way delay: 15.344 ms
Loss rate: 2.78%

Run 4: Report of FillP — Data Link

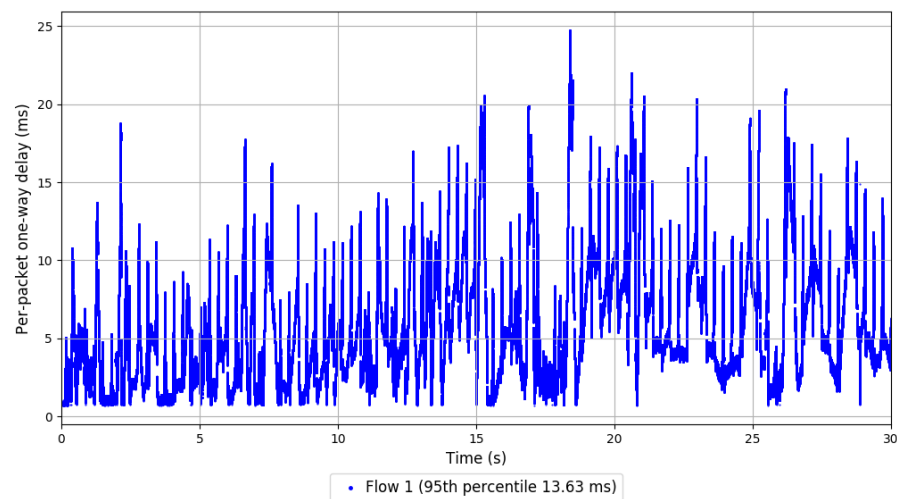
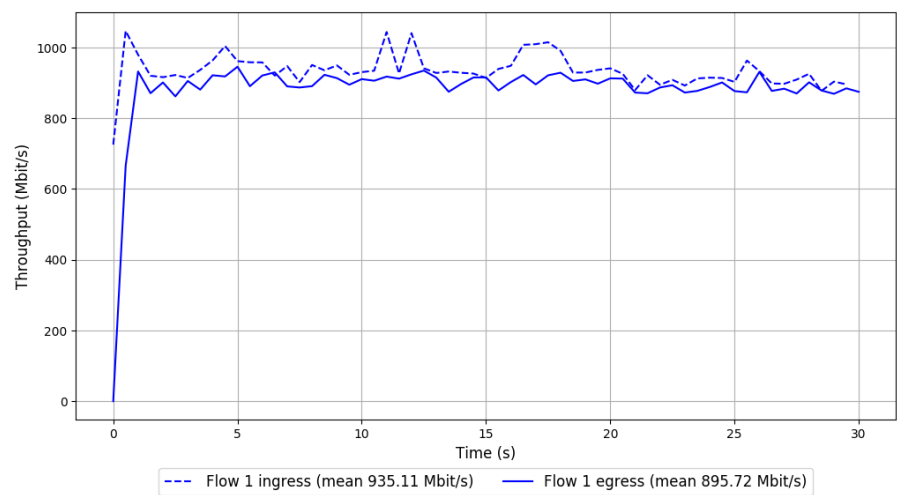


Run 5: Statistics of FillP

Start at: 2019-01-17 08:44:57
End at: 2019-01-17 08:45:27
Local clock offset: 3.977 ms
Remote clock offset: -0.153 ms

Below is generated by plot.py at 2019-01-17 09:20:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 895.72 Mbit/s
95th percentile per-packet one-way delay: 13.626 ms
Loss rate: 4.21%
-- Flow 1:
Average throughput: 895.72 Mbit/s
95th percentile per-packet one-way delay: 13.626 ms
Loss rate: 4.21%

Run 5: Report of FillP — Data Link

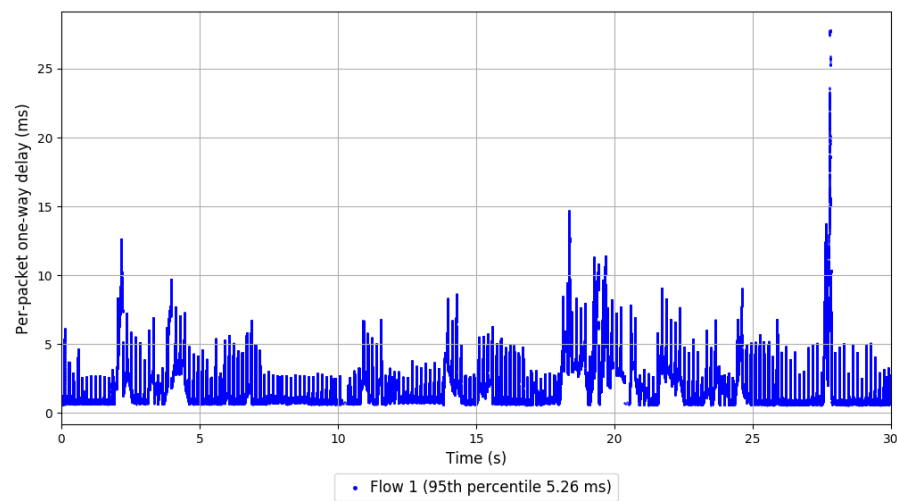
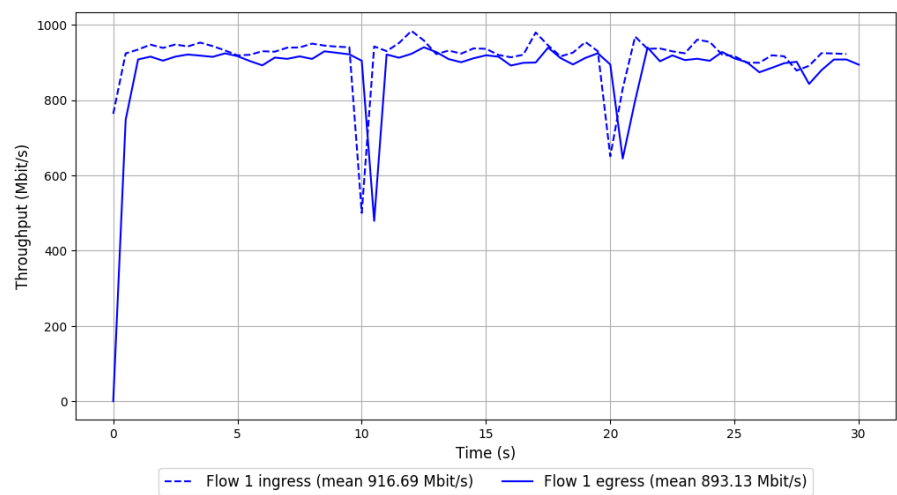


Run 1: Statistics of FillP-Sheep

Start at: 2019-01-17 06:55:32
End at: 2019-01-17 06:56:02
Local clock offset: -1.917 ms
Remote clock offset: -0.417 ms

Below is generated by plot.py at 2019-01-17 09:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 893.13 Mbit/s
95th percentile per-packet one-way delay: 5.261 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 893.13 Mbit/s
95th percentile per-packet one-way delay: 5.261 ms
Loss rate: 2.57%

Run 1: Report of FillP-Sheep — Data Link

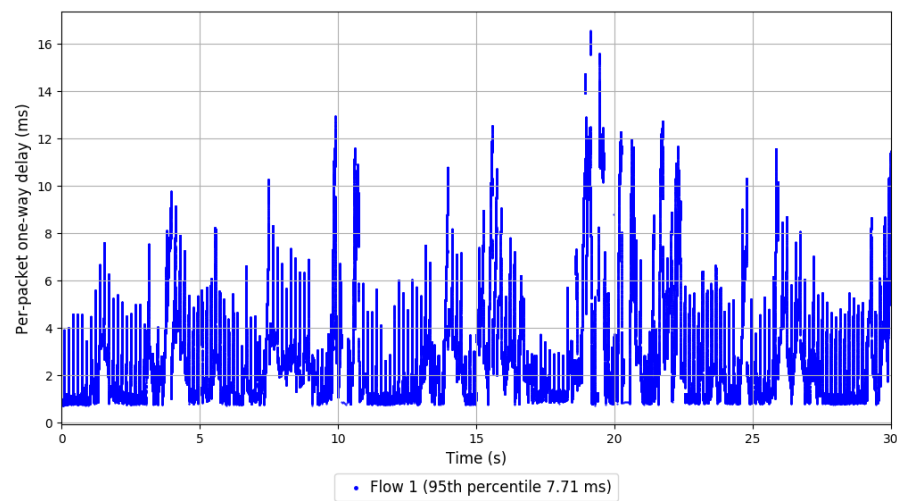
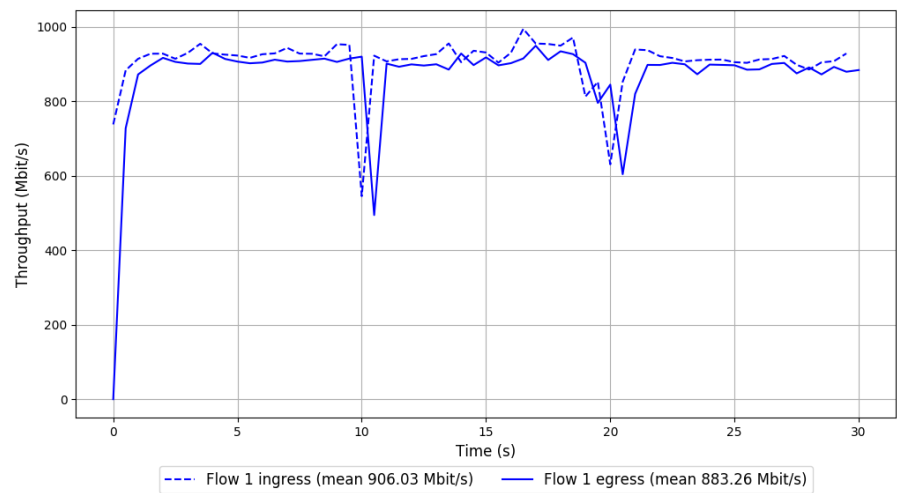


Run 2: Statistics of FillP-Sheep

Start at: 2019-01-17 07:24:11
End at: 2019-01-17 07:24:41
Local clock offset: -3.759 ms
Remote clock offset: -0.266 ms

Below is generated by plot.py at 2019-01-17 09:26:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 883.26 Mbit/s
95th percentile per-packet one-way delay: 7.710 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 883.26 Mbit/s
95th percentile per-packet one-way delay: 7.710 ms
Loss rate: 2.51%

Run 2: Report of FillP-Sheep — Data Link

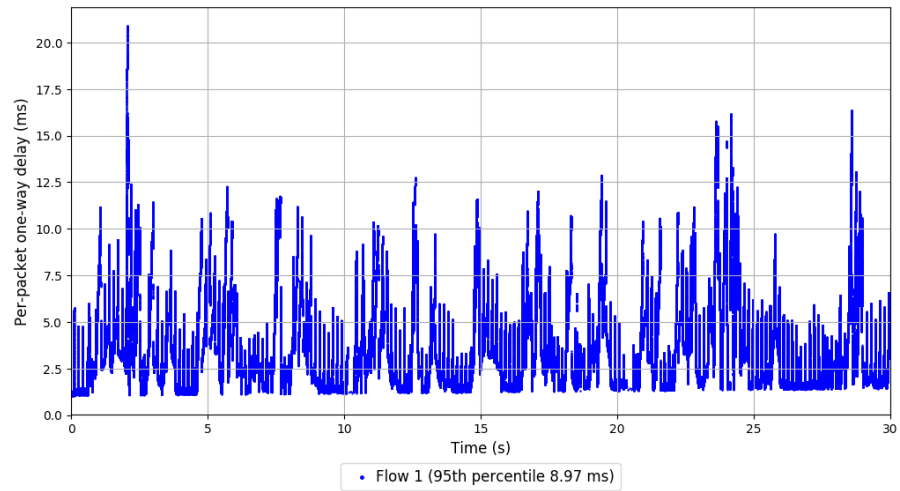
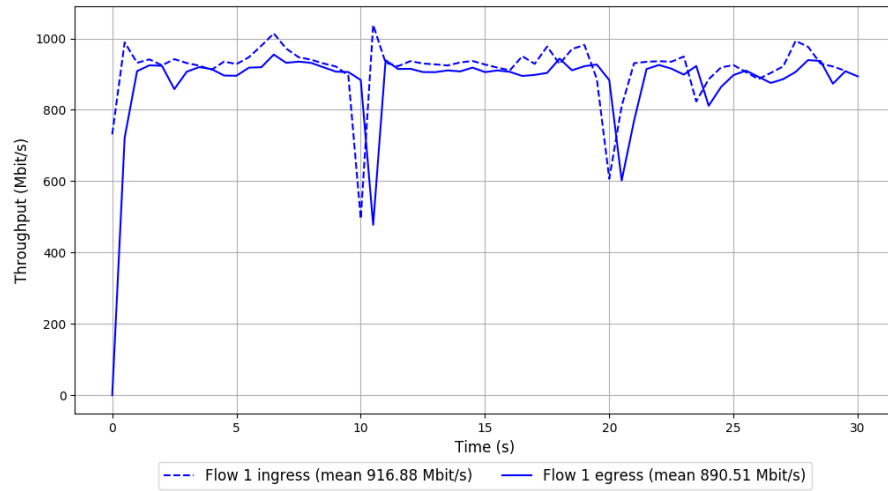


Run 3: Statistics of FillP-Sheep

Start at: 2019-01-17 07:53:06
End at: 2019-01-17 07:53:36
Local clock offset: -1.565 ms
Remote clock offset: -2.547 ms

Below is generated by plot.py at 2019-01-17 09:26:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 890.51 Mbit/s
95th percentile per-packet one-way delay: 8.975 ms
Loss rate: 2.87%
-- Flow 1:
Average throughput: 890.51 Mbit/s
95th percentile per-packet one-way delay: 8.975 ms
Loss rate: 2.87%

Run 3: Report of FillP-Sheep — Data Link

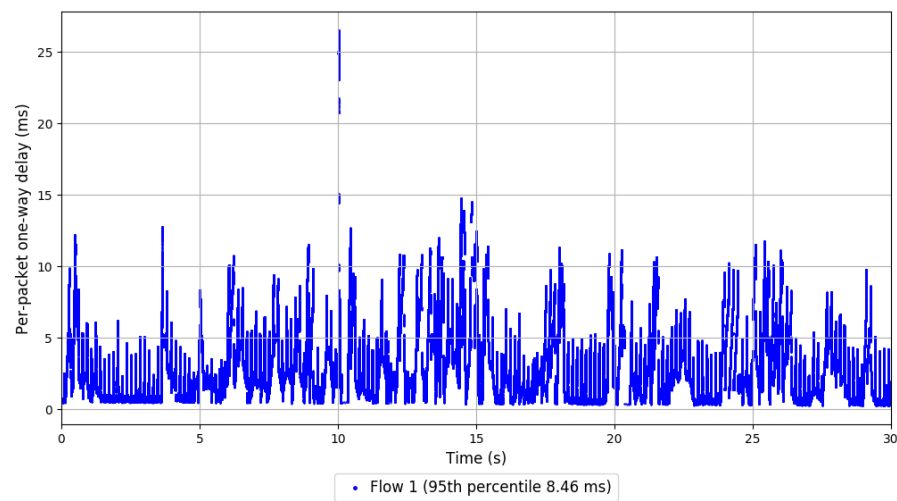
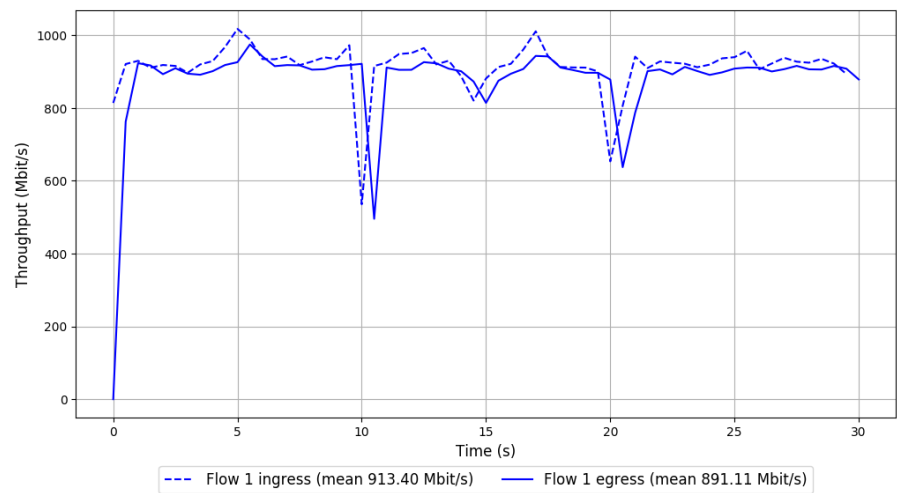


Run 4: Statistics of FillP-Sheep

Start at: 2019-01-17 08:21:45
End at: 2019-01-17 08:22:15
Local clock offset: 4.434 ms
Remote clock offset: -3.577 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 891.11 Mbit/s
95th percentile per-packet one-way delay: 8.459 ms
Loss rate: 2.44%
-- Flow 1:
Average throughput: 891.11 Mbit/s
95th percentile per-packet one-way delay: 8.459 ms
Loss rate: 2.44%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-01-17 08:50:39

End at: 2019-01-17 08:51:09

Local clock offset: 4.089 ms

Remote clock offset: 0.066 ms

Below is generated by plot.py at 2019-01-17 09:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 876.26 Mbit/s

95th percentile per-packet one-way delay: 10.146 ms

Loss rate: 3.01%

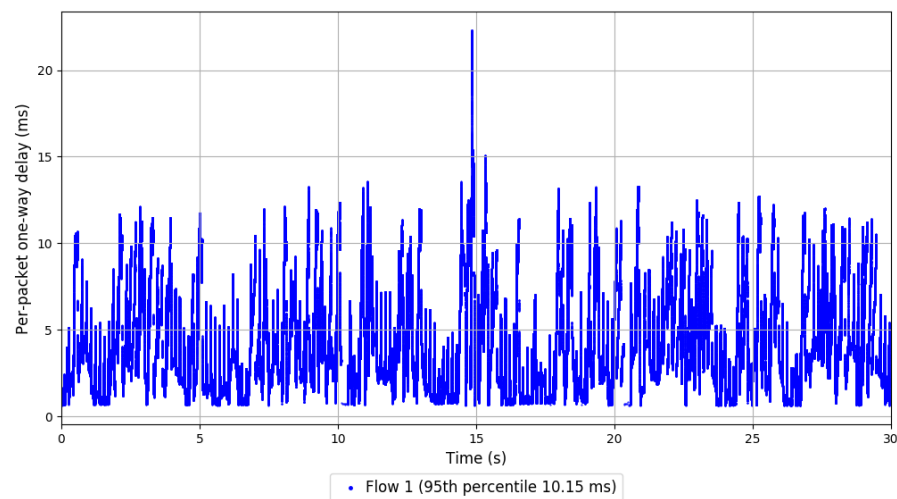
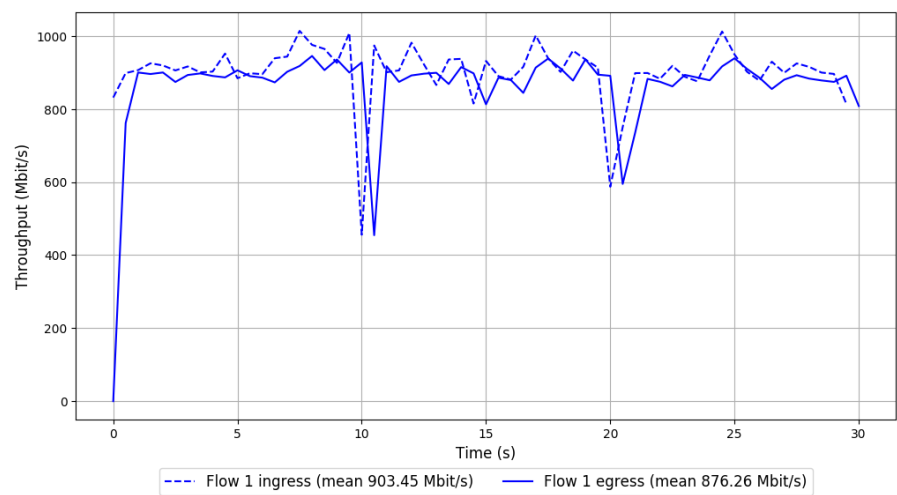
-- Flow 1:

Average throughput: 876.26 Mbit/s

95th percentile per-packet one-way delay: 10.146 ms

Loss rate: 3.01%

Run 5: Report of FillP-Sheep — Data Link

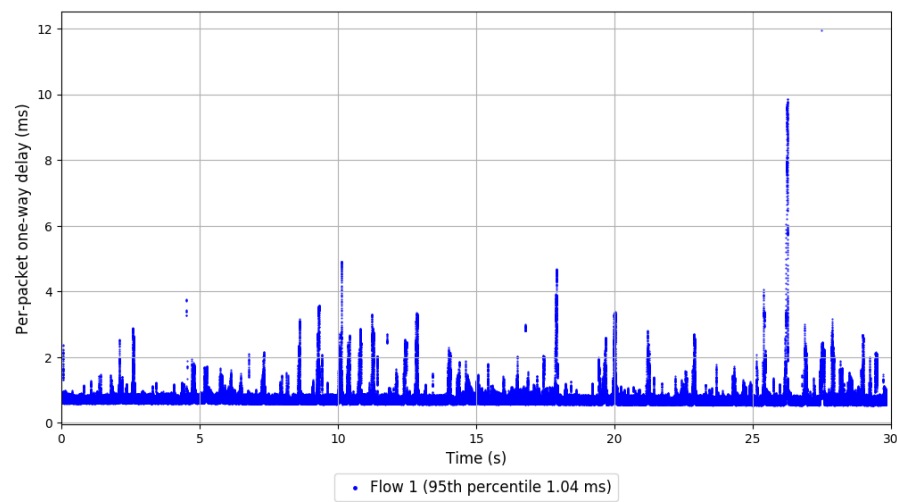
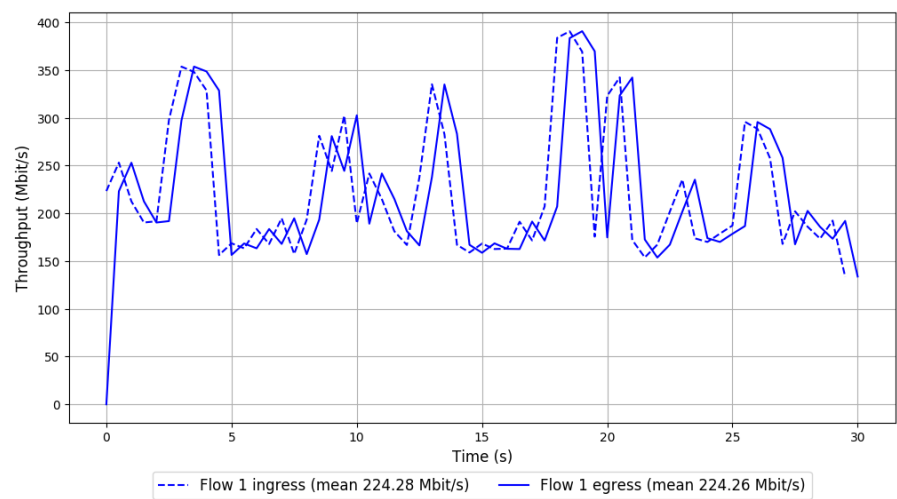


Run 1: Statistics of Indigo

Start at: 2019-01-17 06:58:26
End at: 2019-01-17 06:58:56
Local clock offset: -2.325 ms
Remote clock offset: -0.449 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 224.26 Mbit/s
95th percentile per-packet one-way delay: 1.038 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 224.26 Mbit/s
95th percentile per-packet one-way delay: 1.038 ms
Loss rate: 0.01%

Run 1: Report of Indigo — Data Link

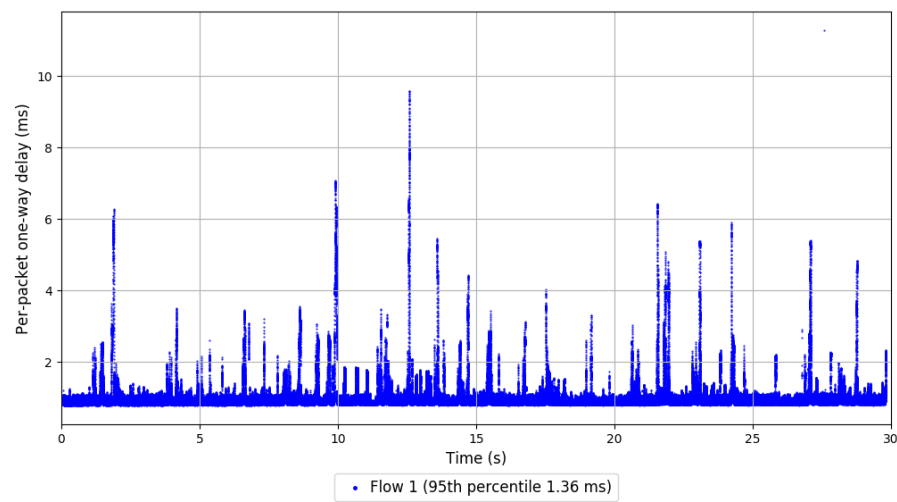
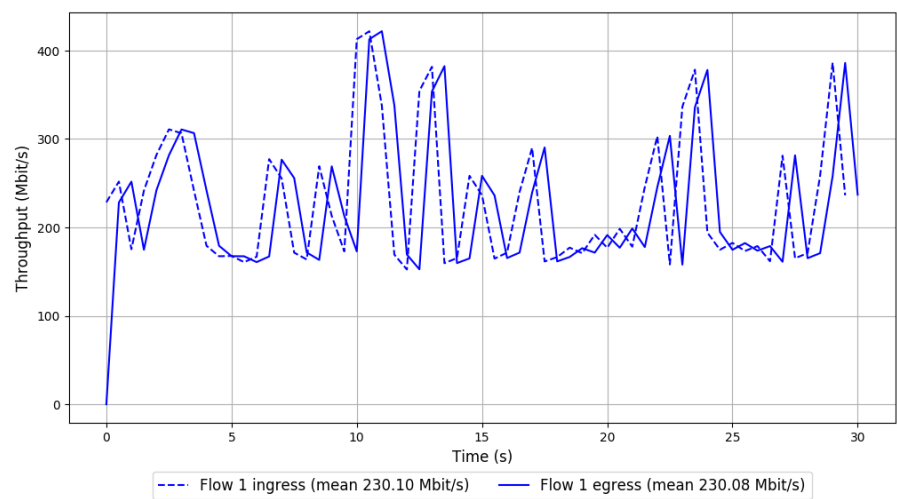


Run 2: Statistics of Indigo

Start at: 2019-01-17 07:27:02
End at: 2019-01-17 07:27:32
Local clock offset: -3.597 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 230.08 Mbit/s
95th percentile per-packet one-way delay: 1.364 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 230.08 Mbit/s
95th percentile per-packet one-way delay: 1.364 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

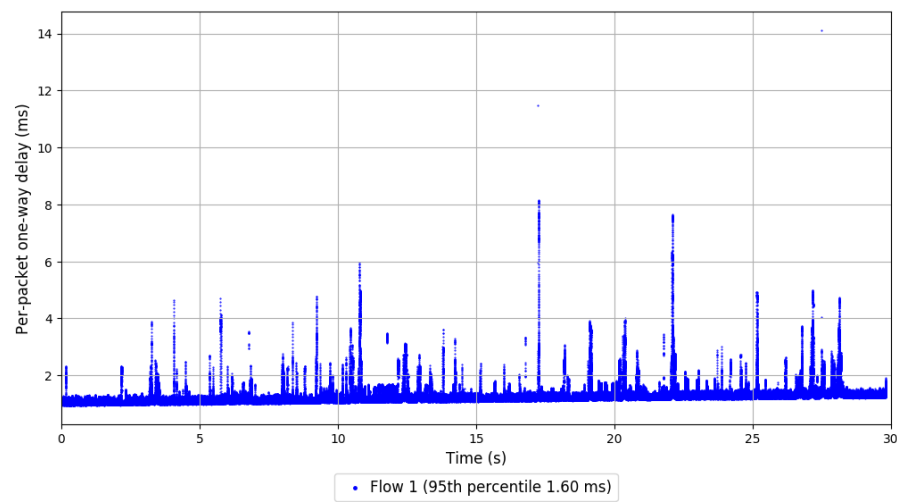
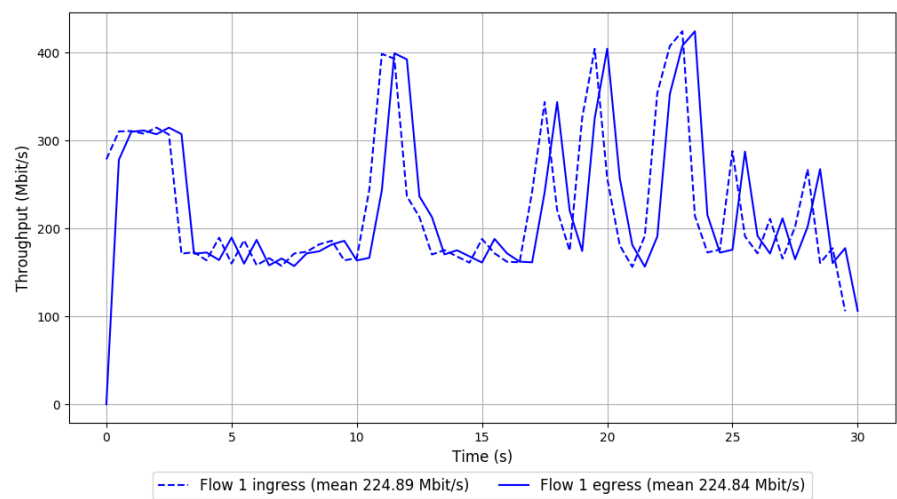


Run 3: Statistics of Indigo

Start at: 2019-01-17 07:56:04
End at: 2019-01-17 07:56:34
Local clock offset: -0.047 ms
Remote clock offset: -3.059 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 224.84 Mbit/s
95th percentile per-packet one-way delay: 1.601 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 224.84 Mbit/s
95th percentile per-packet one-way delay: 1.601 ms
Loss rate: 0.02%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-01-17 08:24:42

End at: 2019-01-17 08:25:12

Local clock offset: 4.147 ms

Remote clock offset: -2.491 ms

Below is generated by plot.py at 2019-01-17 09:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 219.03 Mbit/s

95th percentile per-packet one-way delay: 1.147 ms

Loss rate: 0.01%

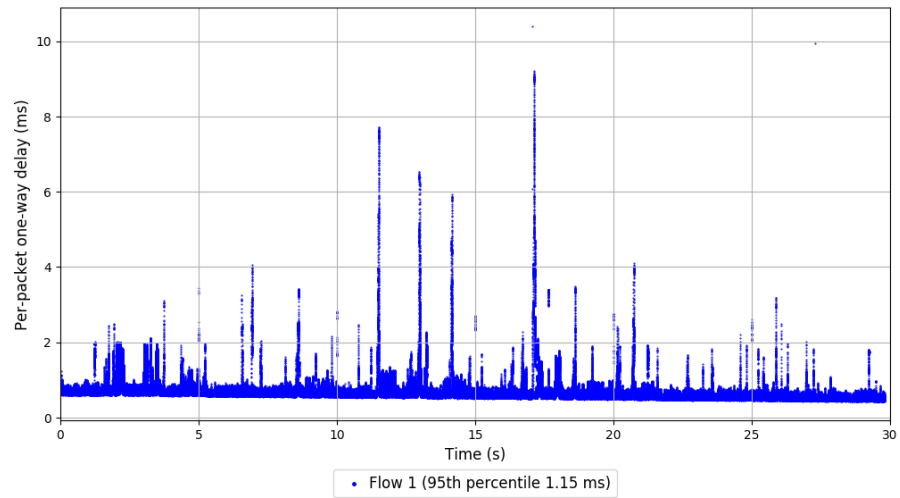
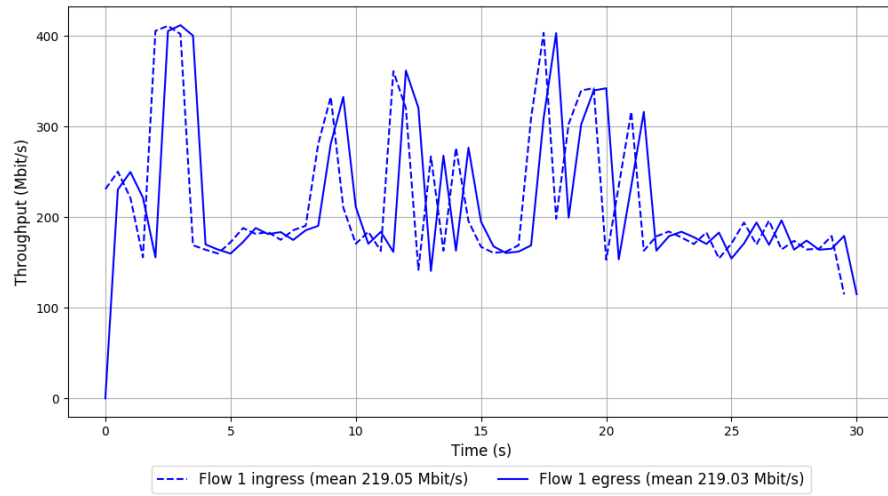
-- Flow 1:

Average throughput: 219.03 Mbit/s

95th percentile per-packet one-way delay: 1.147 ms

Loss rate: 0.01%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-01-17 08:53:35

End at: 2019-01-17 08:54:05

Local clock offset: 3.789 ms

Remote clock offset: 0.02 ms

Below is generated by plot.py at 2019-01-17 09:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 211.02 Mbit/s

95th percentile per-packet one-way delay: 1.069 ms

Loss rate: 0.01%

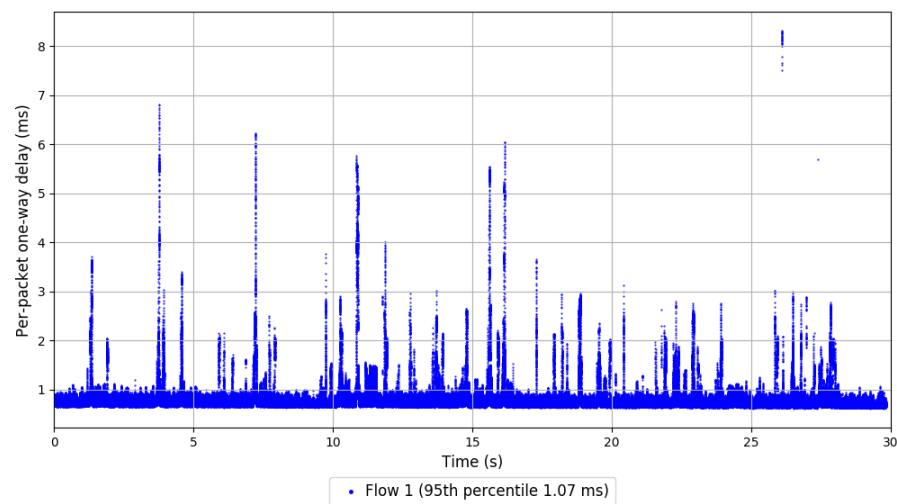
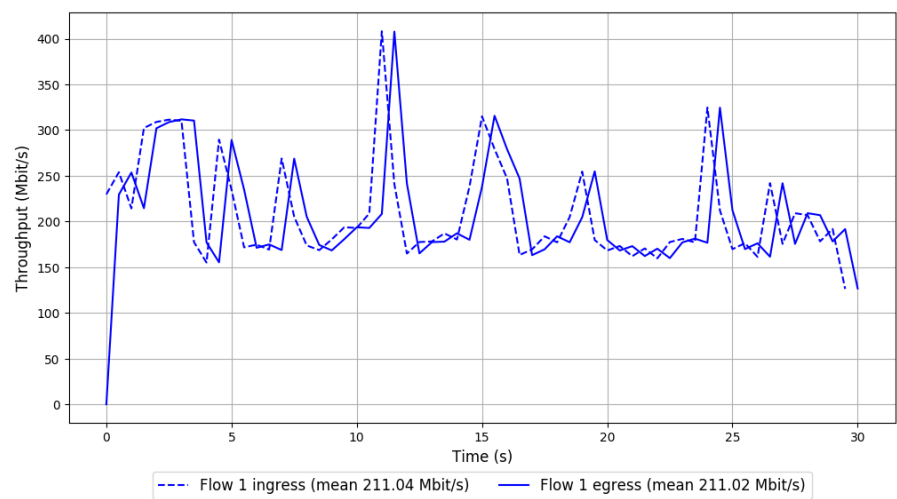
-- Flow 1:

Average throughput: 211.02 Mbit/s

95th percentile per-packet one-way delay: 1.069 ms

Loss rate: 0.01%

Run 5: Report of Indigo — Data Link

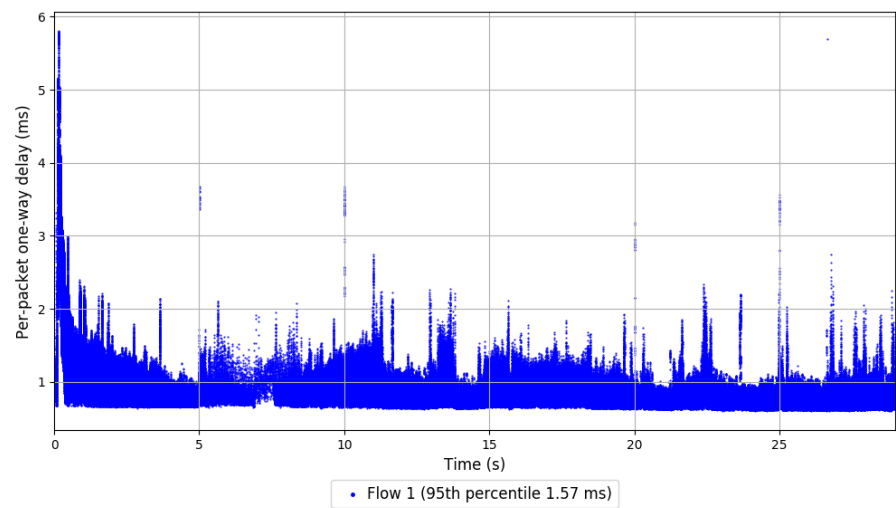
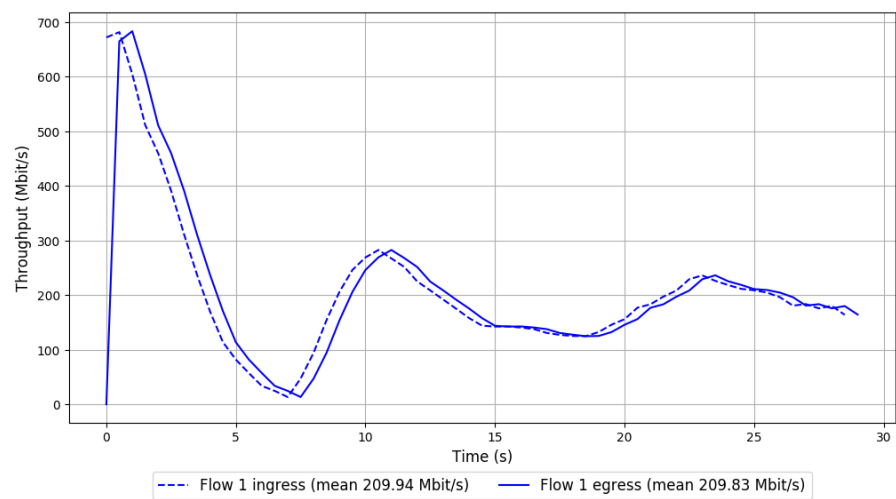


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-01-17 06:42:04
End at: 2019-01-17 06:42:34
Local clock offset: -0.358 ms
Remote clock offset: -0.835 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.83 Mbit/s
95th percentile per-packet one-way delay: 1.570 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 209.83 Mbit/s
95th percentile per-packet one-way delay: 1.570 ms
Loss rate: 0.05%

Run 1: Report of Indigo-MusesC3 — Data Link

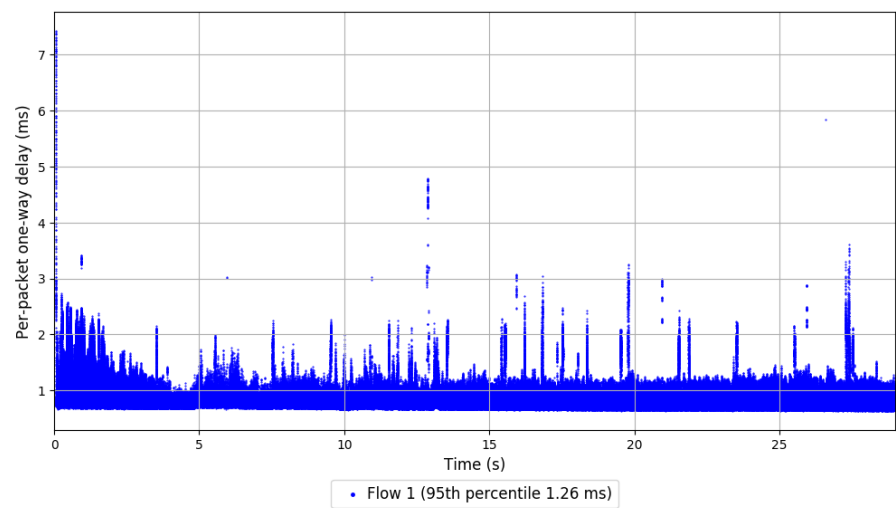
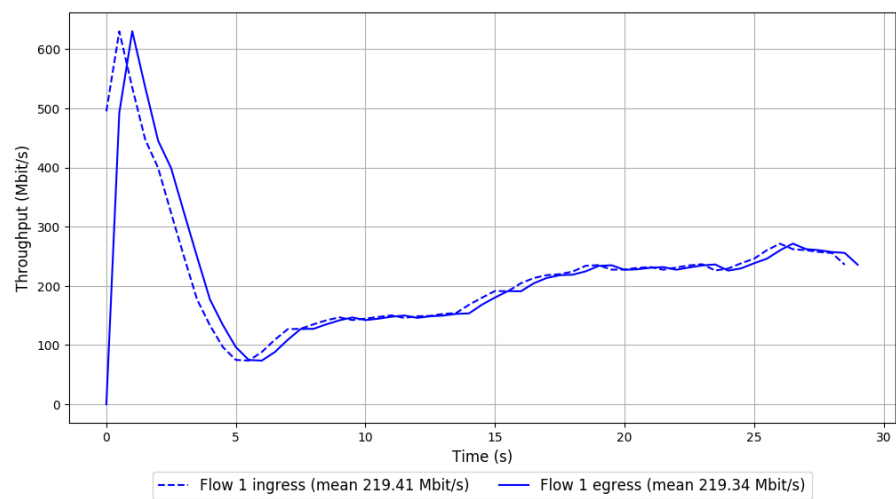


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-01-17 07:10:55
End at: 2019-01-17 07:11:25
Local clock offset: -3.564 ms
Remote clock offset: -0.408 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 219.34 Mbit/s
95th percentile per-packet one-way delay: 1.261 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 219.34 Mbit/s
95th percentile per-packet one-way delay: 1.261 ms
Loss rate: 0.03%

Run 2: Report of Indigo-MusesC3 — Data Link

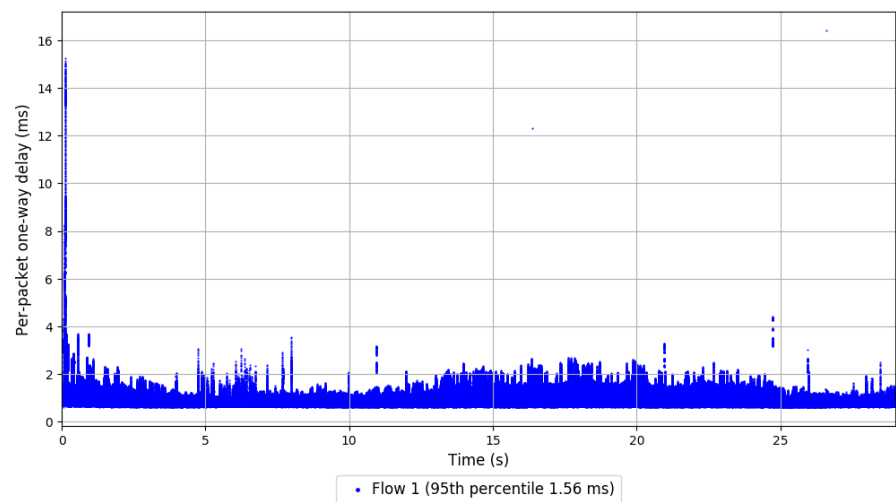
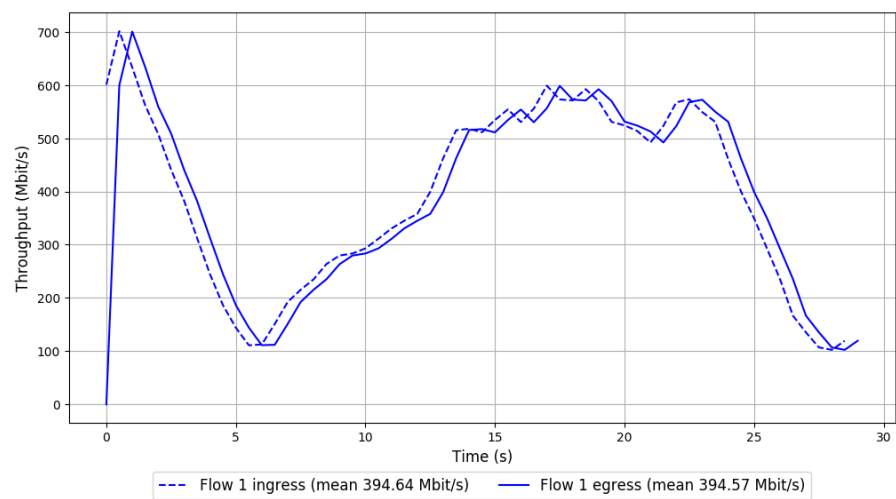


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-01-17 07:39:34
End at: 2019-01-17 07:40:04
Local clock offset: -3.422 ms
Remote clock offset: -0.253 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 394.57 Mbit/s
95th percentile per-packet one-way delay: 1.561 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 394.57 Mbit/s
95th percentile per-packet one-way delay: 1.561 ms
Loss rate: 0.02%

Run 3: Report of Indigo-MusesC3 — Data Link

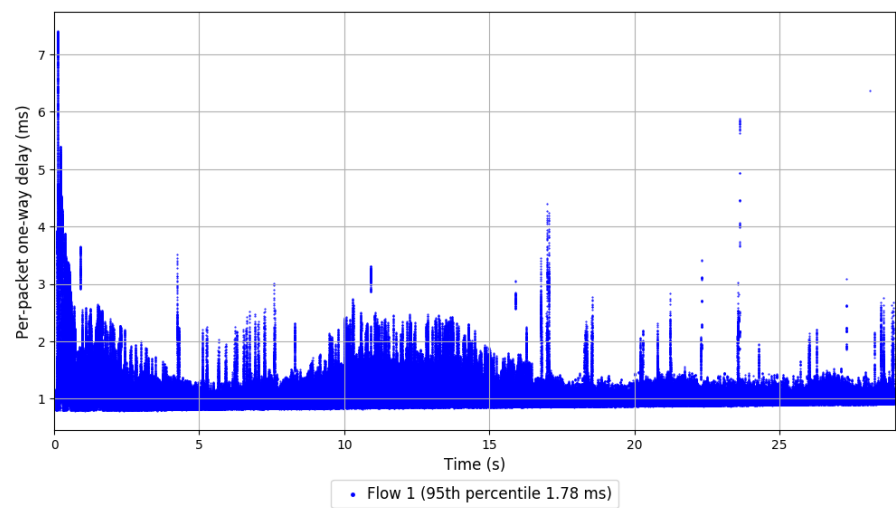
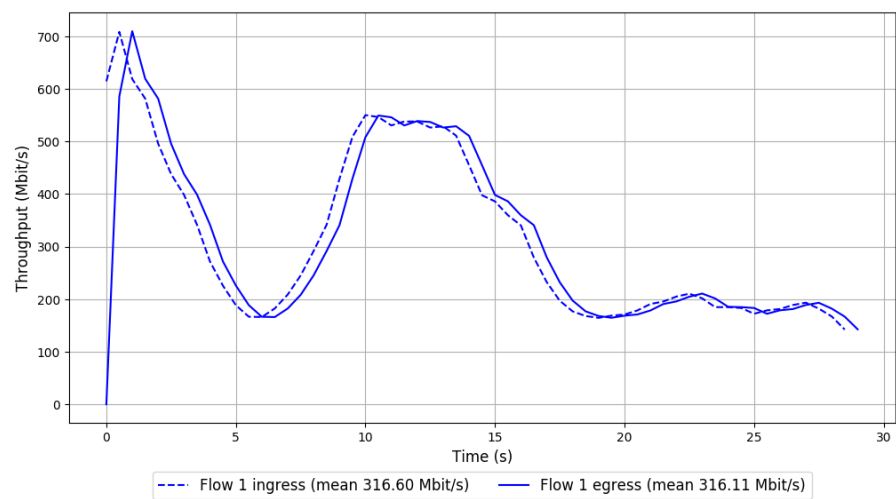


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-01-17 08:08:29
End at: 2019-01-17 08:08:59
Local clock offset: 3.443 ms
Remote clock offset: -4.187 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 316.11 Mbit/s
95th percentile per-packet one-way delay: 1.780 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 316.11 Mbit/s
95th percentile per-packet one-way delay: 1.780 ms
Loss rate: 0.15%

Run 4: Report of Indigo-MusesC3 — Data Link

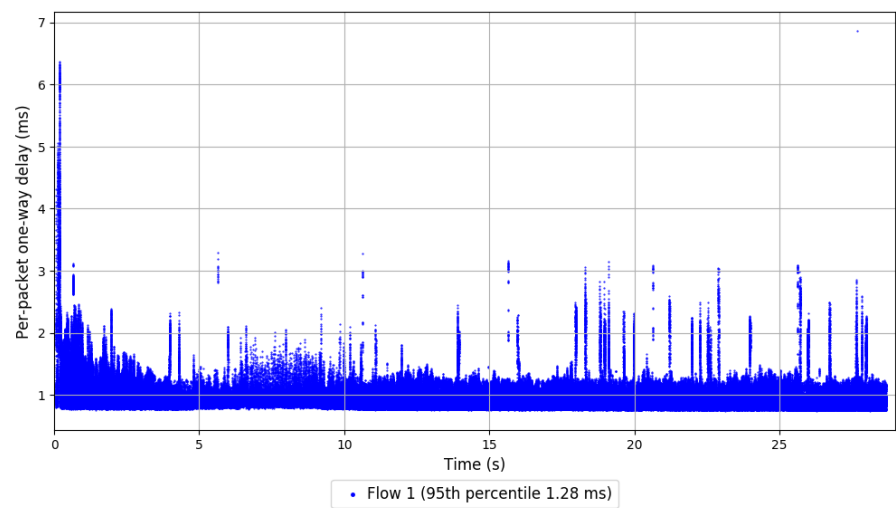
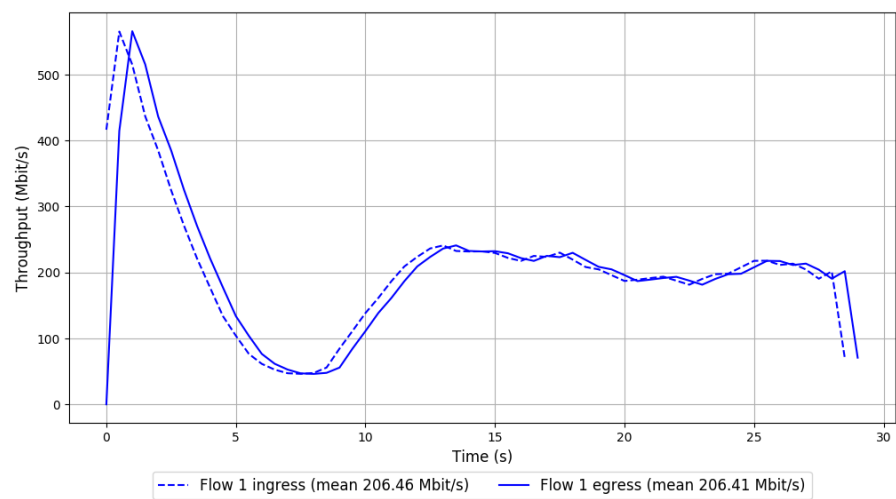


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-01-17 08:37:13
End at: 2019-01-17 08:37:43
Local clock offset: 3.82 ms
Remote clock offset: -0.445 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 206.41 Mbit/s
95th percentile per-packet one-way delay: 1.282 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 206.41 Mbit/s
95th percentile per-packet one-way delay: 1.282 ms
Loss rate: 0.02%

Run 5: Report of Indigo-MusesC3 — Data Link

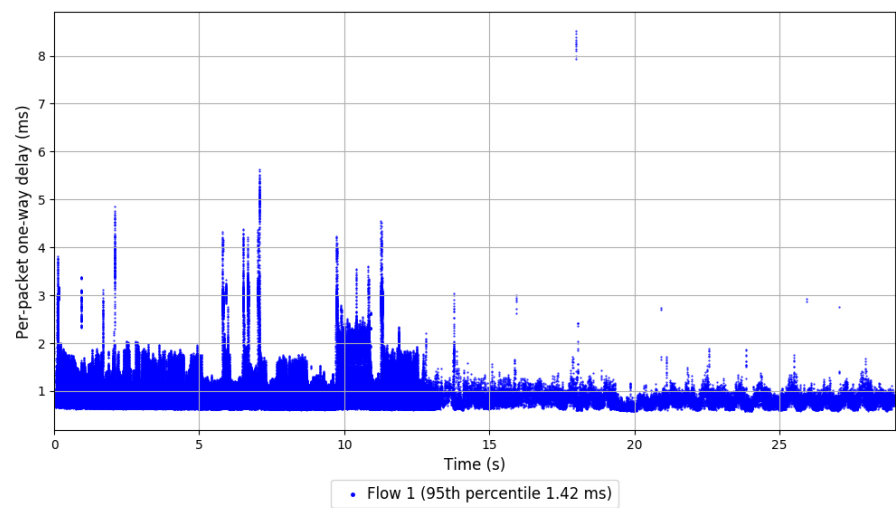
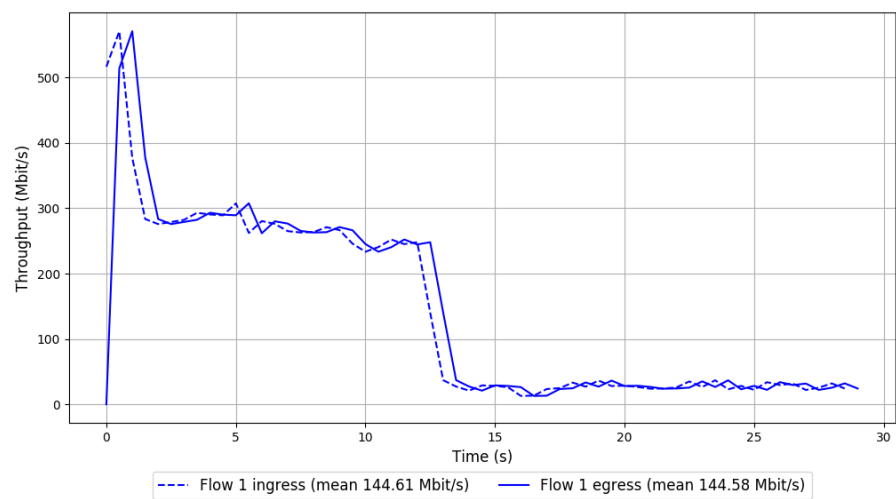


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-01-17 06:57:09
End at: 2019-01-17 06:57:39
Local clock offset: -2.138 ms
Remote clock offset: -0.408 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 144.58 Mbit/s
95th percentile per-packet one-way delay: 1.423 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 144.58 Mbit/s
95th percentile per-packet one-way delay: 1.423 ms
Loss rate: 0.02%

Run 1: Report of Indigo-MusesC5 — Data Link

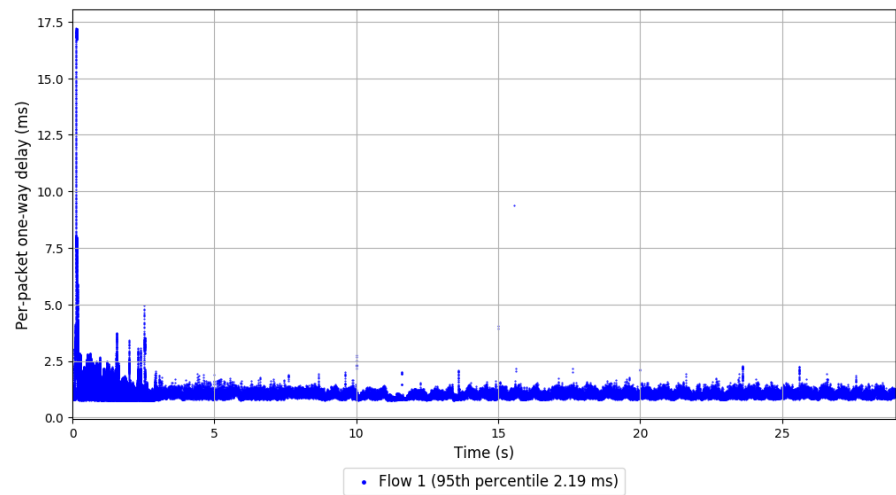
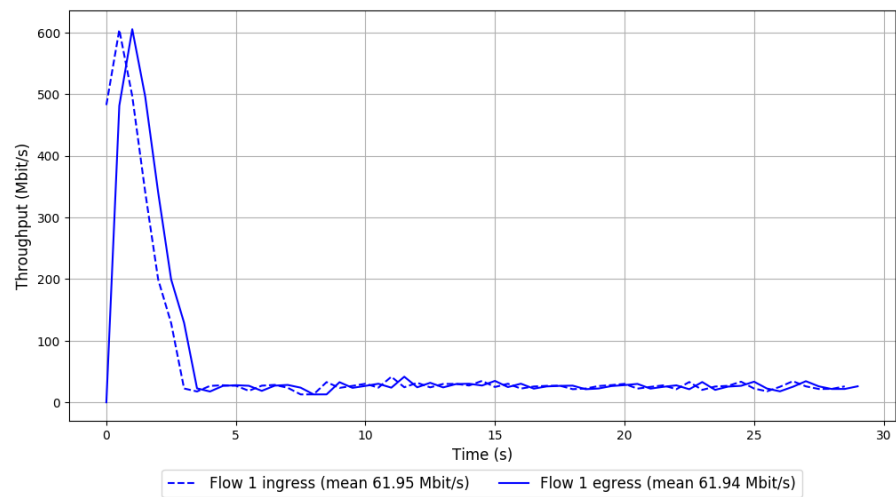


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-01-17 07:25:47
End at: 2019-01-17 07:26:17
Local clock offset: -3.673 ms
Remote clock offset: -0.255 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.94 Mbit/s
95th percentile per-packet one-way delay: 2.190 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 61.94 Mbit/s
95th percentile per-packet one-way delay: 2.190 ms
Loss rate: 0.02%

Run 2: Report of Indigo-MusesC5 — Data Link

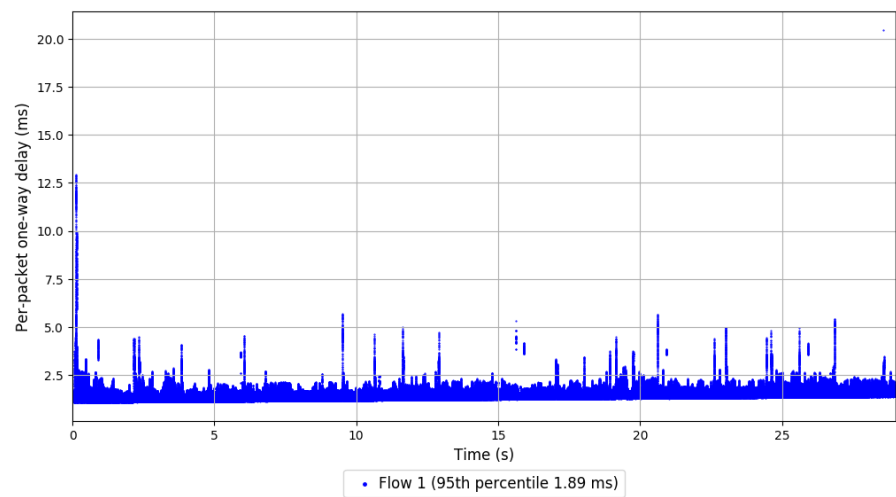
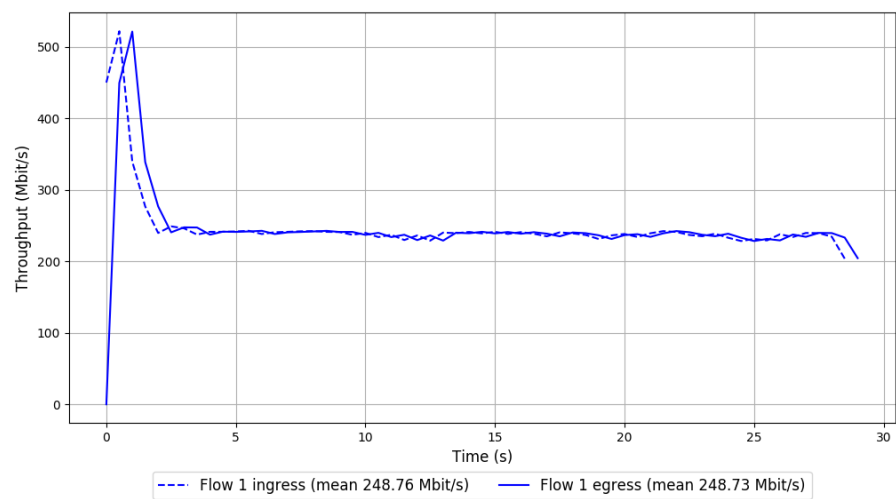


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-01-17 07:54:43
End at: 2019-01-17 07:55:13
Local clock offset: -0.608 ms
Remote clock offset: -2.699 ms

Below is generated by plot.py at 2019-01-17 09:31:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 248.73 Mbit/s
95th percentile per-packet one-way delay: 1.886 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 248.73 Mbit/s
95th percentile per-packet one-way delay: 1.886 ms
Loss rate: 0.01%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-01-17 08:23:22

End at: 2019-01-17 08:23:52

Local clock offset: 4.247 ms

Remote clock offset: -2.919 ms

Below is generated by plot.py at 2019-01-17 09:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 228.46 Mbit/s

95th percentile per-packet one-way delay: 1.086 ms

Loss rate: 0.02%

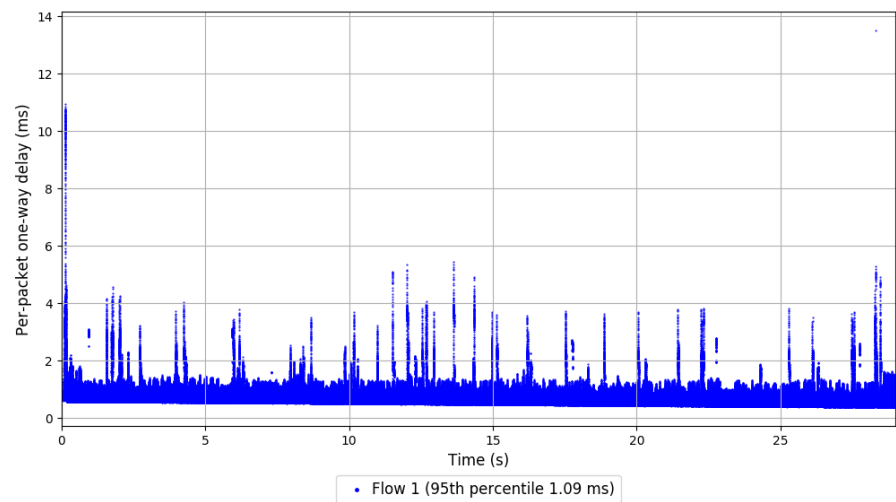
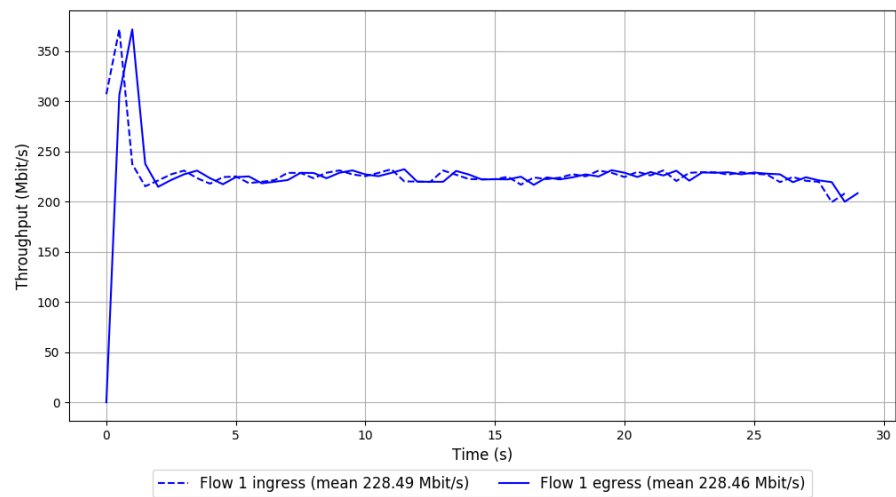
-- Flow 1:

Average throughput: 228.46 Mbit/s

95th percentile per-packet one-way delay: 1.086 ms

Loss rate: 0.02%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-01-17 08:52:15

End at: 2019-01-17 08:52:45

Local clock offset: 3.878 ms

Remote clock offset: 0.045 ms

Below is generated by plot.py at 2019-01-17 09:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 224.52 Mbit/s

95th percentile per-packet one-way delay: 1.211 ms

Loss rate: 0.03%

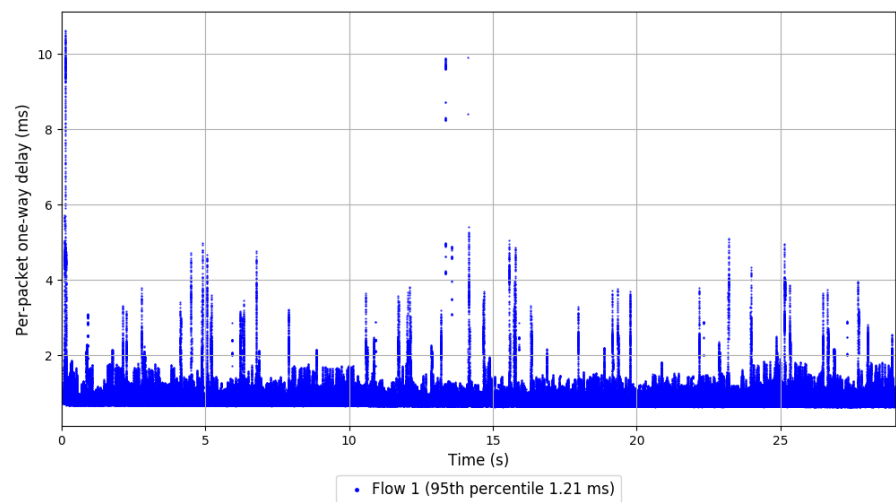
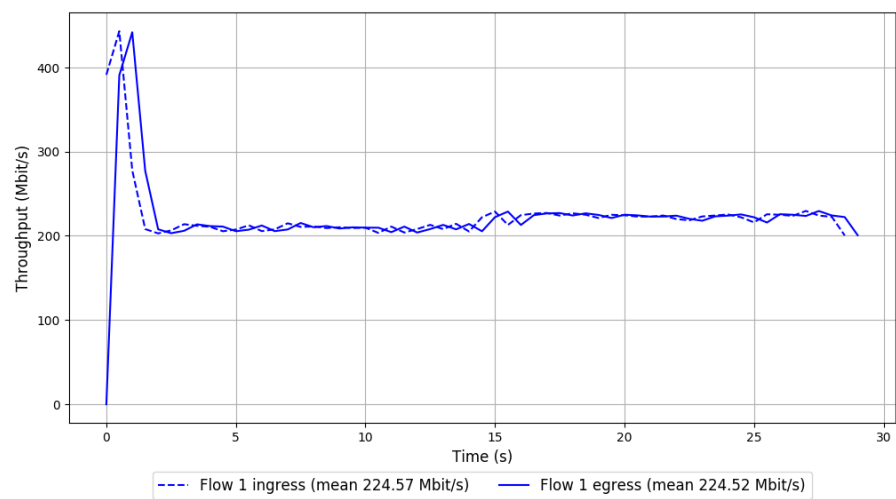
-- Flow 1:

Average throughput: 224.52 Mbit/s

95th percentile per-packet one-way delay: 1.211 ms

Loss rate: 0.03%

Run 5: Report of Indigo-MusesC5 — Data Link

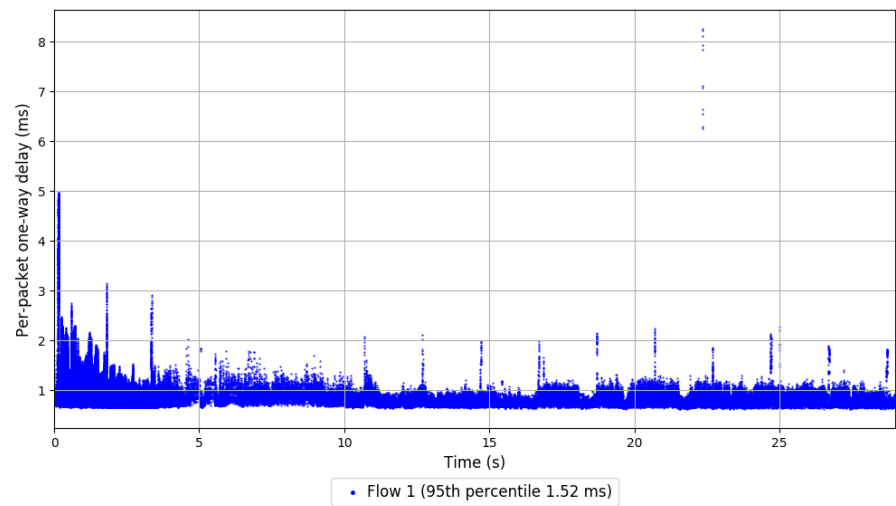
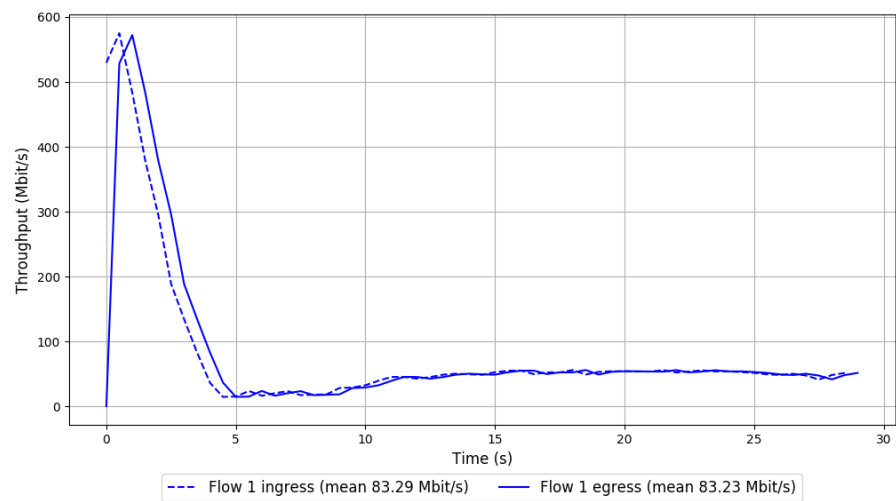



```
Run 1: Statistics of Indigo-MusesD

Start at: 2019-01-17 06:44:47
End at: 2019-01-17 06:45:17
Local clock offset: -0.495 ms
Remote clock offset: -0.698 ms

# Below is generated by plot.py at 2019-01-17 09:31:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.23 Mbit/s
95th percentile per-packet one-way delay: 1.518 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 83.23 Mbit/s
95th percentile per-packet one-way delay: 1.518 ms
Loss rate: 0.07%
```

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-01-17 07:13:28

End at: 2019-01-17 07:13:58

Local clock offset: -3.729 ms

Remote clock offset: -0.385 ms

Below is generated by plot.py at 2019-01-17 09:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.98 Mbit/s

95th percentile per-packet one-way delay: 1.147 ms

Loss rate: 0.08%

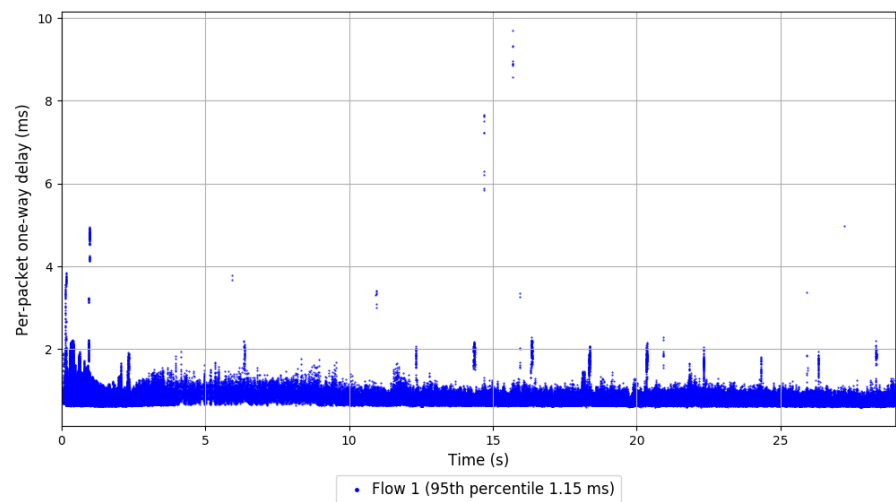
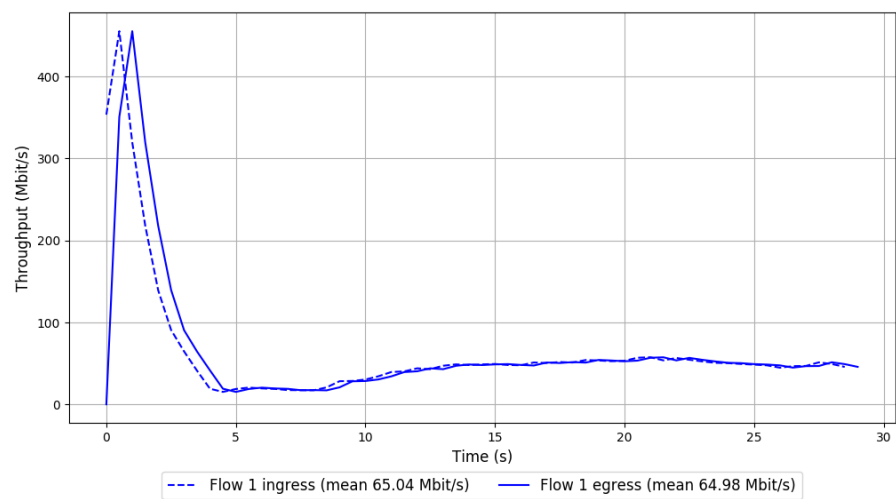
-- Flow 1:

Average throughput: 64.98 Mbit/s

95th percentile per-packet one-way delay: 1.147 ms

Loss rate: 0.08%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-01-17 07:42:23

End at: 2019-01-17 07:42:53

Local clock offset: -3.476 ms

Remote clock offset: -0.257 ms

Below is generated by plot.py at 2019-01-17 09:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 107.79 Mbit/s

95th percentile per-packet one-way delay: 1.288 ms

Loss rate: 0.01%

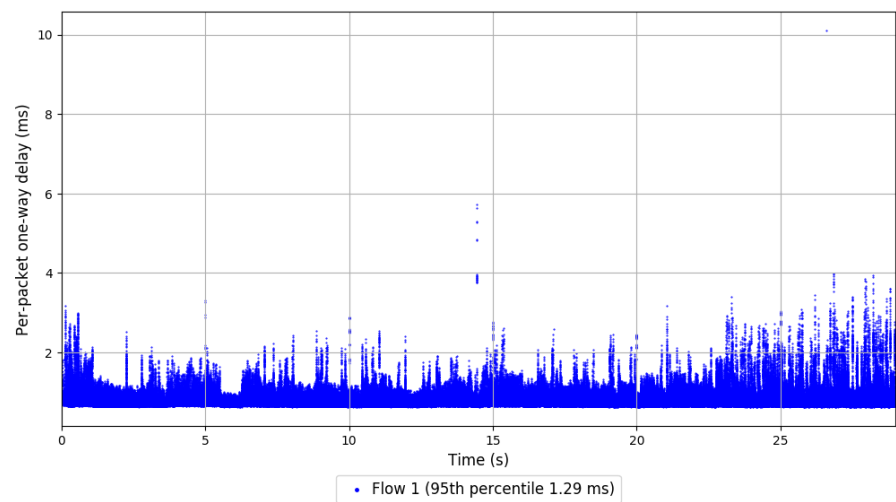
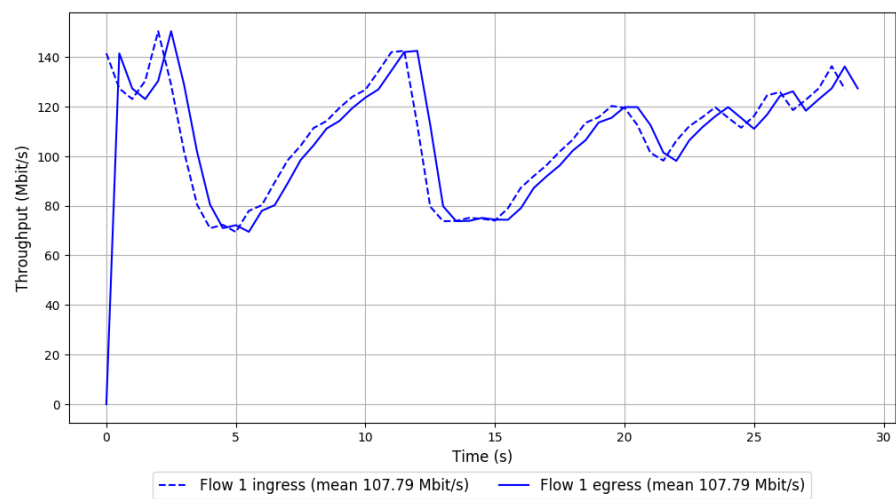
-- Flow 1:

Average throughput: 107.79 Mbit/s

95th percentile per-packet one-way delay: 1.288 ms

Loss rate: 0.01%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-01-17 08:11:05

End at: 2019-01-17 08:11:36

Local clock offset: 3.819 ms

Remote clock offset: -4.441 ms

Below is generated by plot.py at 2019-01-17 09:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.86 Mbit/s

95th percentile per-packet one-way delay: 1.261 ms

Loss rate: 0.00%

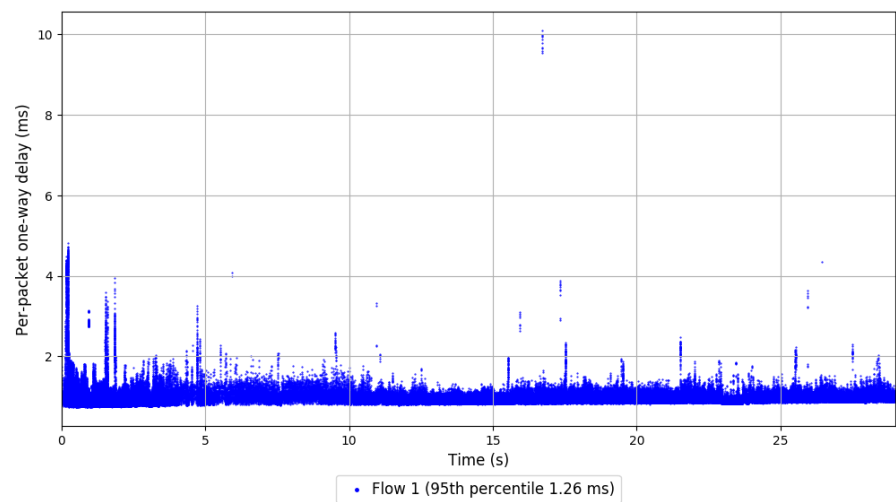
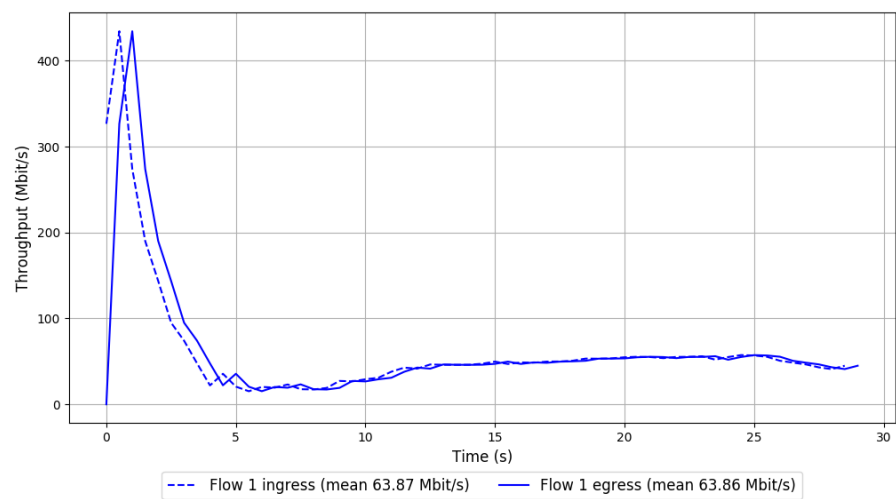
-- Flow 1:

Average throughput: 63.86 Mbit/s

95th percentile per-packet one-way delay: 1.261 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-01-17 08:39:55

End at: 2019-01-17 08:40:25

Local clock offset: 3.863 ms

Remote clock offset: -0.302 ms

Below is generated by plot.py at 2019-01-17 09:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.20 Mbit/s

95th percentile per-packet one-way delay: 1.299 ms

Loss rate: 0.01%

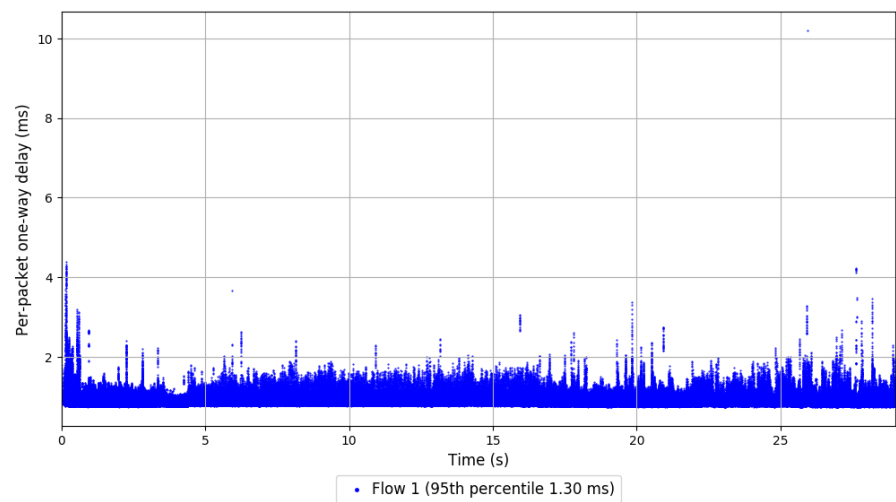
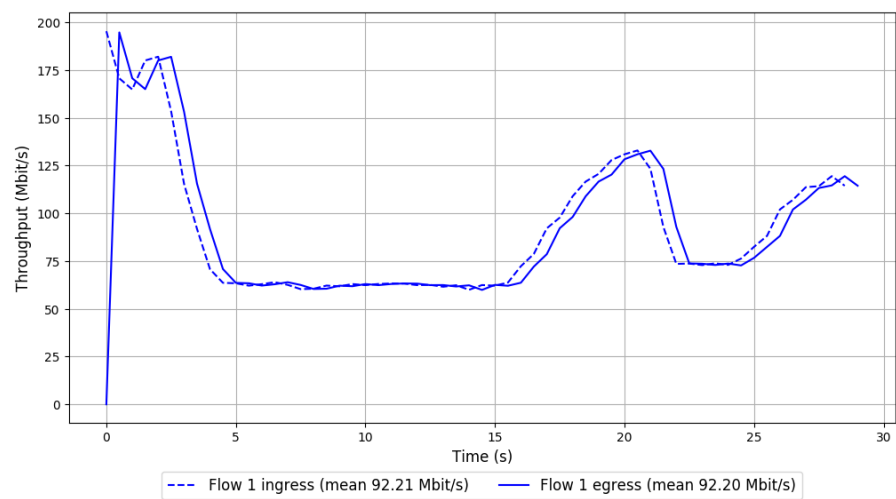
-- Flow 1:

Average throughput: 92.20 Mbit/s

95th percentile per-packet one-way delay: 1.299 ms

Loss rate: 0.01%

Run 5: Report of Indigo-MusesD — Data Link

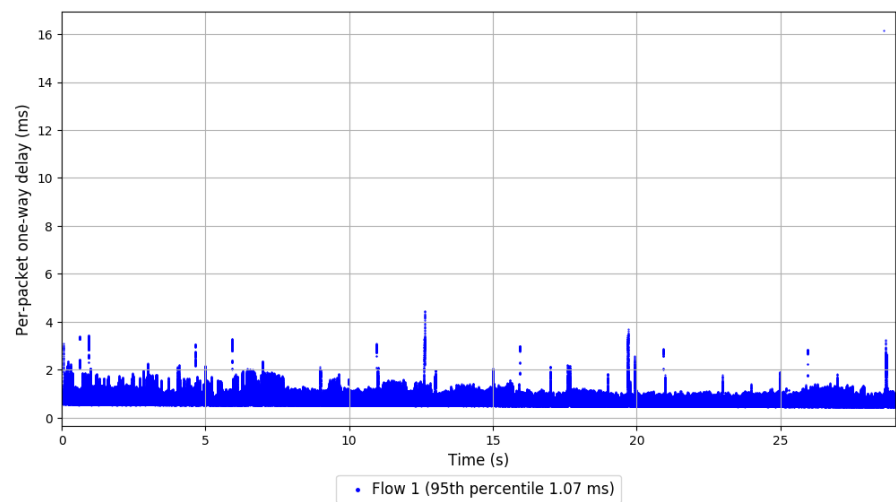
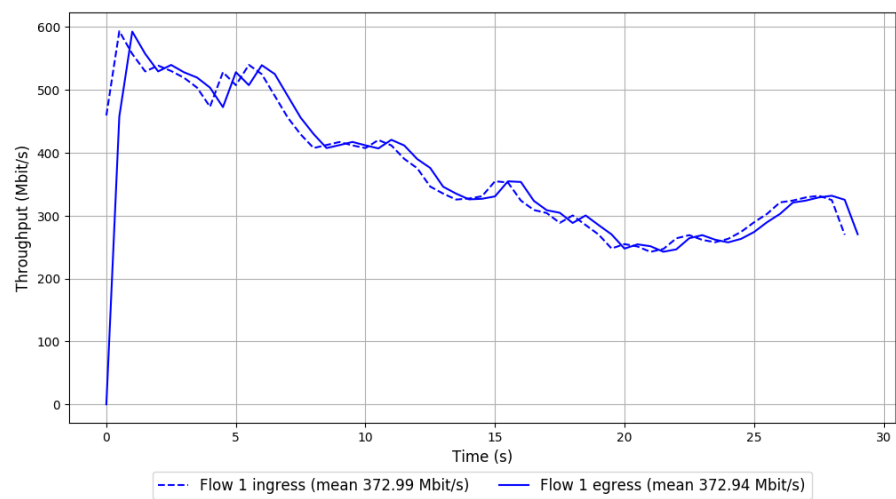


```
Run 1: Statistics of Indigo-MusesT

Start at: 2019-01-17 06:52:44
End at: 2019-01-17 06:53:14
Local clock offset: -1.366 ms
Remote clock offset: -0.521 ms

# Below is generated by plot.py at 2019-01-17 09:32:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 372.94 Mbit/s
95th percentile per-packet one-way delay: 1.071 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 372.94 Mbit/s
95th percentile per-packet one-way delay: 1.071 ms
Loss rate: 0.02%
```

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-01-17 07:21:23

End at: 2019-01-17 07:21:53

Local clock offset: -3.989 ms

Remote clock offset: -0.28 ms

Below is generated by plot.py at 2019-01-17 09:32:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 317.26 Mbit/s

95th percentile per-packet one-way delay: 1.311 ms

Loss rate: 0.05%

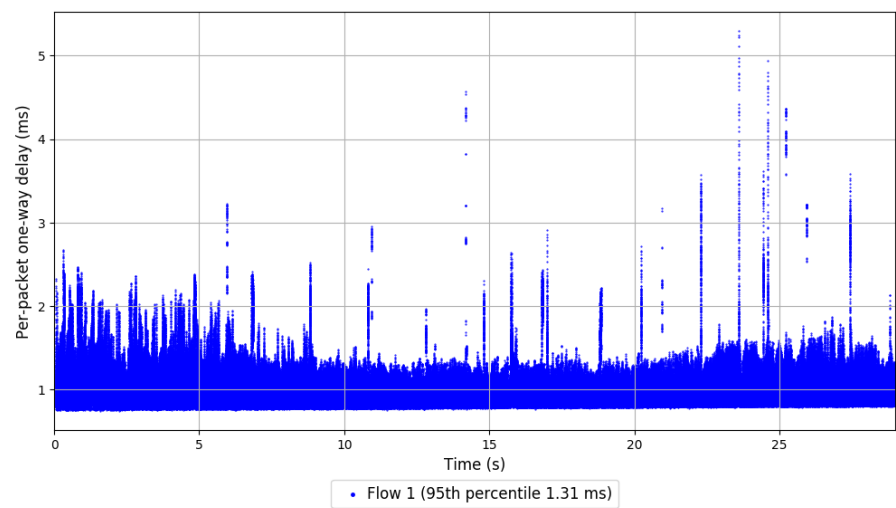
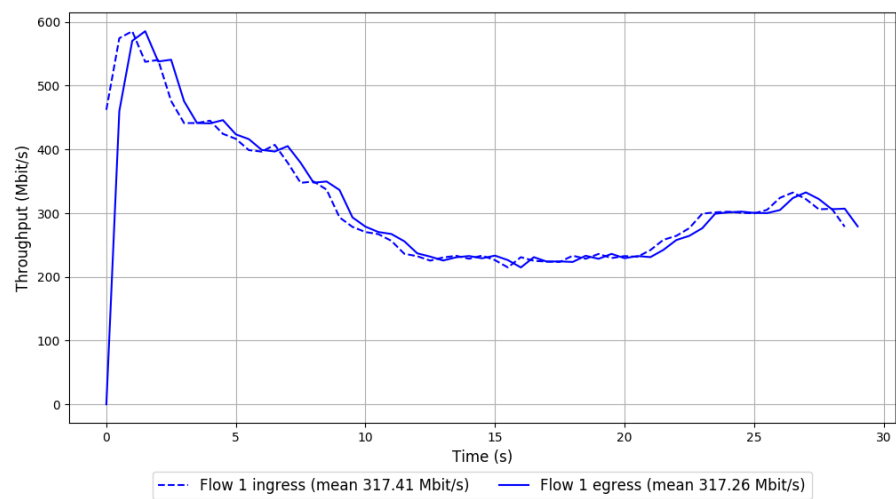
-- Flow 1:

Average throughput: 317.26 Mbit/s

95th percentile per-packet one-way delay: 1.311 ms

Loss rate: 0.05%

Run 2: Report of Indigo-MusesT — Data Link

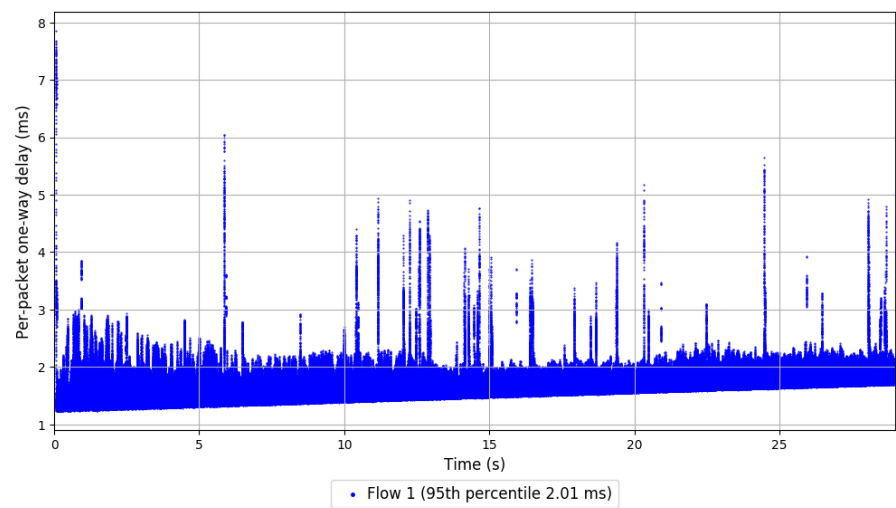
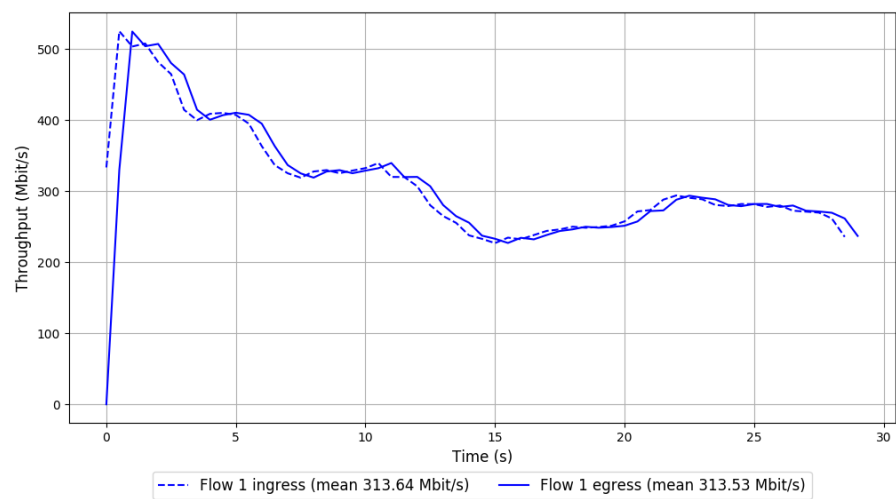


Run 3: Statistics of Indigo-MusesT

Start at: 2019-01-17 07:50:20
End at: 2019-01-17 07:50:50
Local clock offset: -3.665 ms
Remote clock offset: -2.051 ms

Below is generated by plot.py at 2019-01-17 09:32:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 313.53 Mbit/s
95th percentile per-packet one-way delay: 2.013 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 313.53 Mbit/s
95th percentile per-packet one-way delay: 2.013 ms
Loss rate: 0.03%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-01-17 08:18:58

End at: 2019-01-17 08:19:28

Local clock offset: 4.565 ms

Remote clock offset: -4.833 ms

Below is generated by plot.py at 2019-01-17 09:32:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 310.07 Mbit/s

95th percentile per-packet one-way delay: 1.163 ms

Loss rate: 0.01%

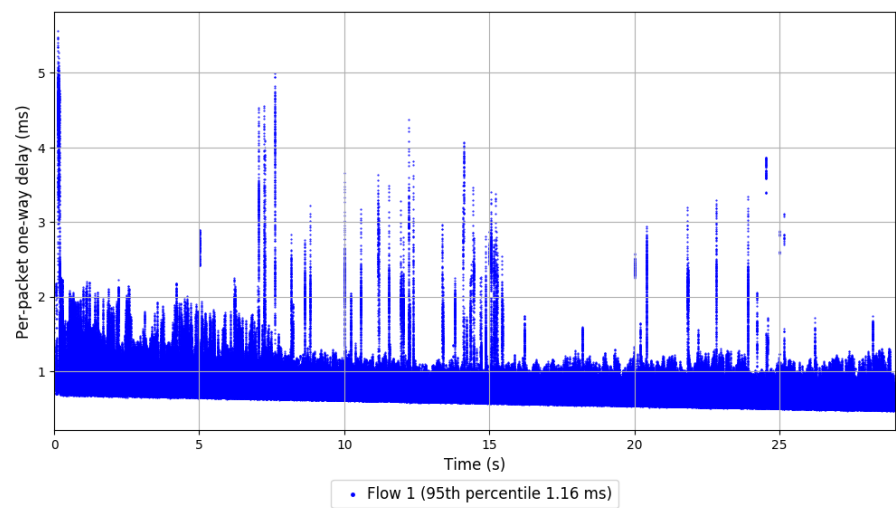
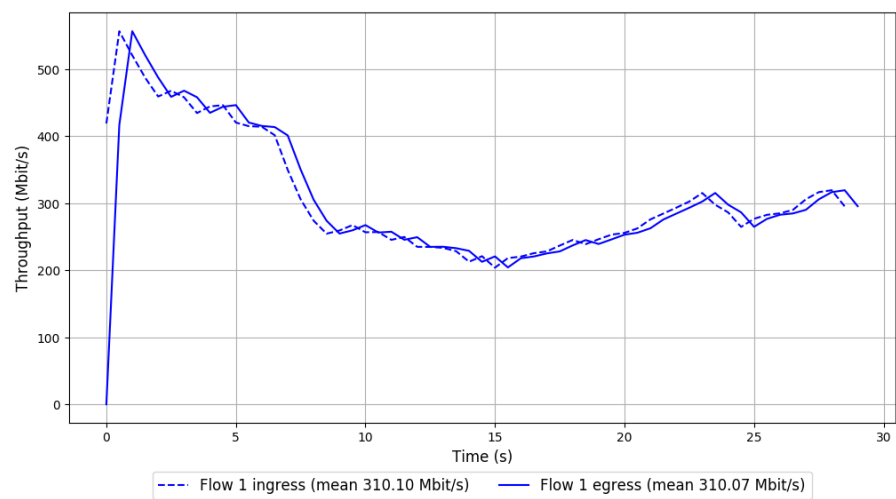
-- Flow 1:

Average throughput: 310.07 Mbit/s

95th percentile per-packet one-way delay: 1.163 ms

Loss rate: 0.01%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-01-17 08:47:48

End at: 2019-01-17 08:48:18

Local clock offset: 4.074 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at 2019-01-17 09:33:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 376.28 Mbit/s

95th percentile per-packet one-way delay: 1.393 ms

Loss rate: 0.02%

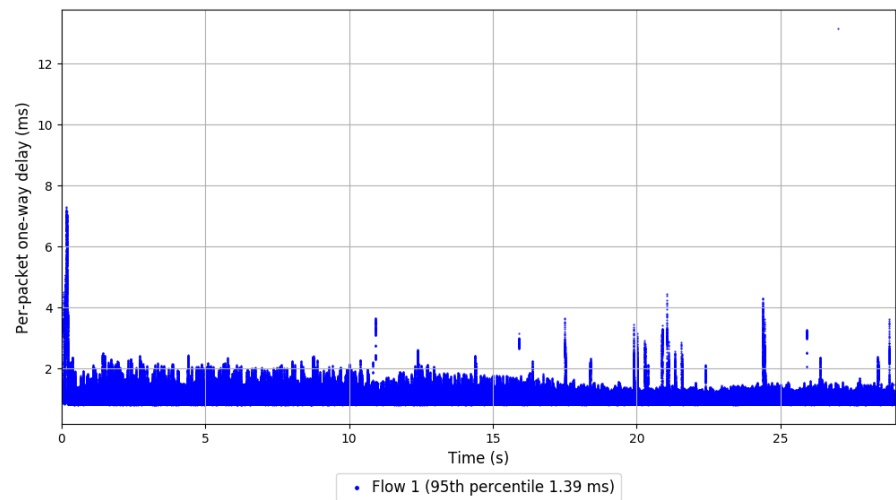
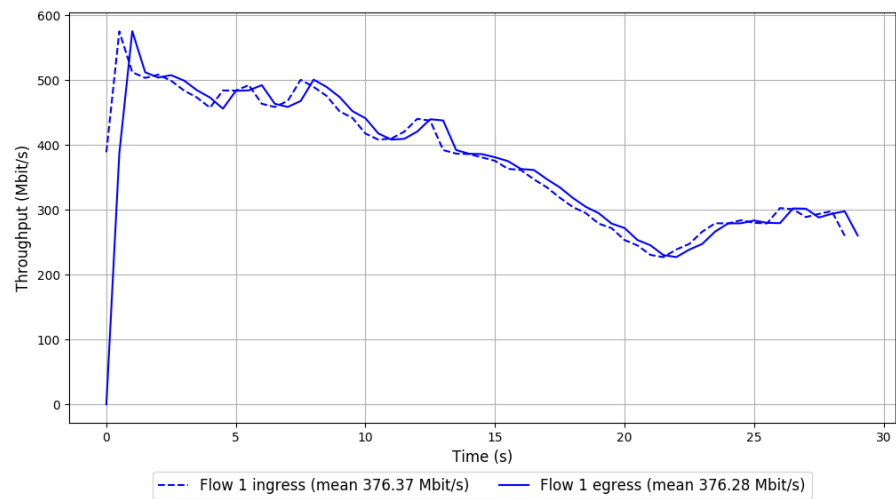
-- Flow 1:

Average throughput: 376.28 Mbit/s

95th percentile per-packet one-way delay: 1.393 ms

Loss rate: 0.02%

Run 5: Report of Indigo-MusesT — Data Link

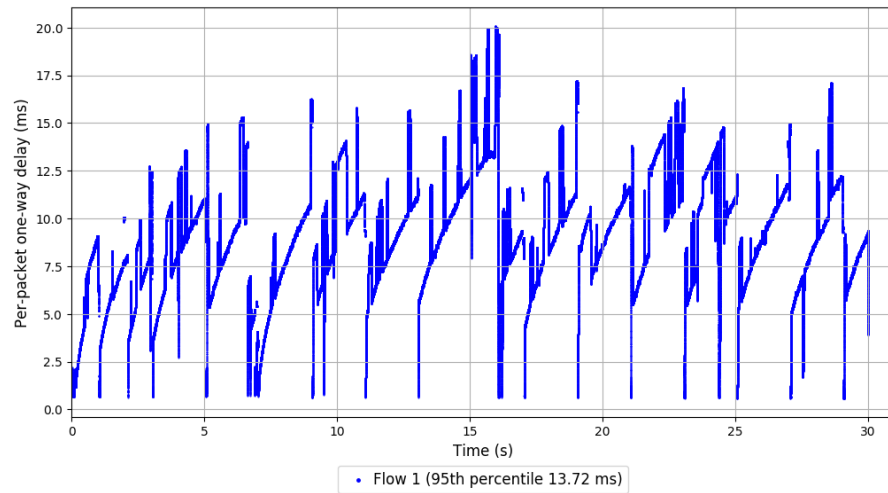
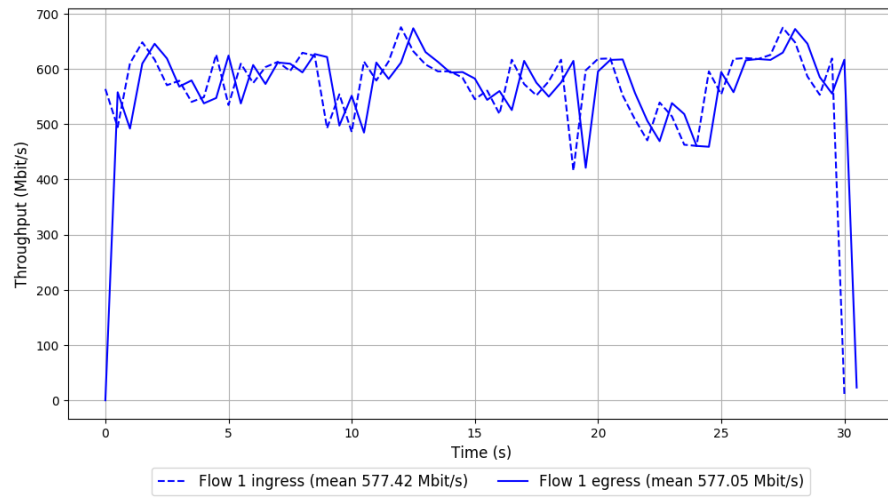


Run 1: Statistics of LEDBAT

Start at: 2019-01-17 06:39:14
End at: 2019-01-17 06:39:44
Local clock offset: -0.157 ms
Remote clock offset: -1.088 ms

Below is generated by plot.py at 2019-01-17 09:35:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 577.05 Mbit/s
95th percentile per-packet one-way delay: 13.719 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 577.05 Mbit/s
95th percentile per-packet one-way delay: 13.719 ms
Loss rate: 0.06%

Run 1: Report of LEDBAT — Data Link

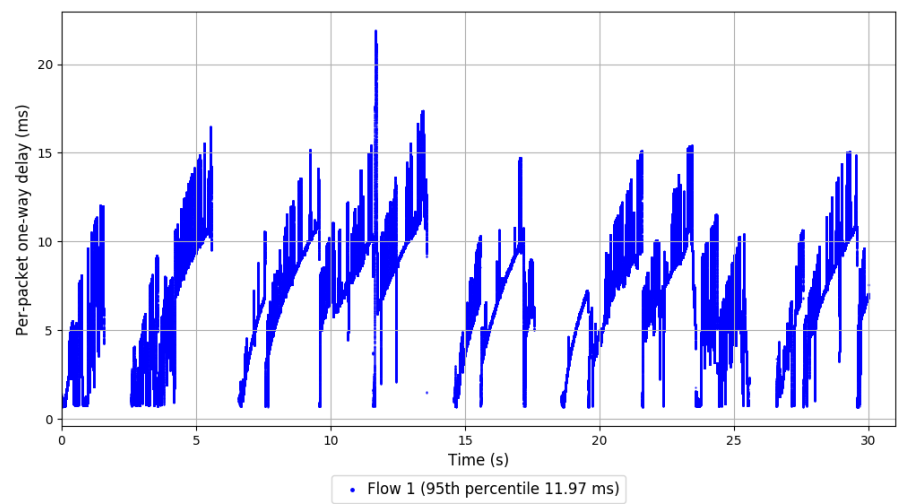
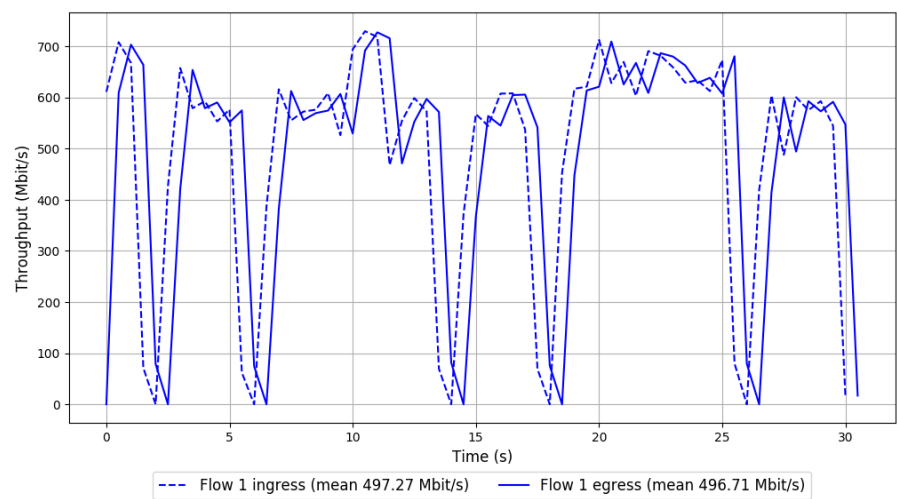


Run 2: Statistics of LEDBAT

Start at: 2019-01-17 07:08:08
End at: 2019-01-17 07:08:38
Local clock offset: -3.344 ms
Remote clock offset: -0.406 ms

Below is generated by plot.py at 2019-01-17 09:37:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 496.71 Mbit/s
95th percentile per-packet one-way delay: 11.967 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 496.71 Mbit/s
95th percentile per-packet one-way delay: 11.967 ms
Loss rate: 0.11%

Run 2: Report of LEDBAT — Data Link

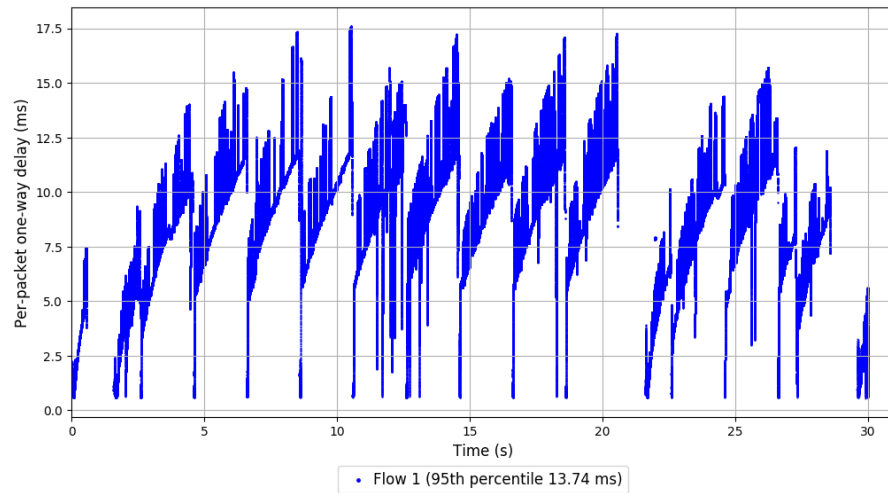
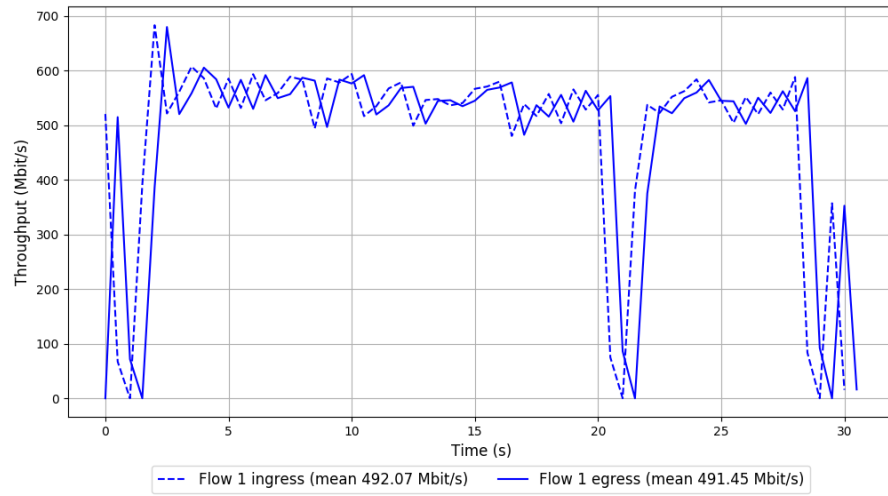


Run 3: Statistics of LEDBAT

Start at: 2019-01-17 07:36:48
End at: 2019-01-17 07:37:18
Local clock offset: -3.386 ms
Remote clock offset: -0.308 ms

Below is generated by plot.py at 2019-01-17 09:37:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 491.45 Mbit/s
95th percentile per-packet one-way delay: 13.740 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 491.45 Mbit/s
95th percentile per-packet one-way delay: 13.740 ms
Loss rate: 0.13%

Run 3: Report of LEDBAT — Data Link

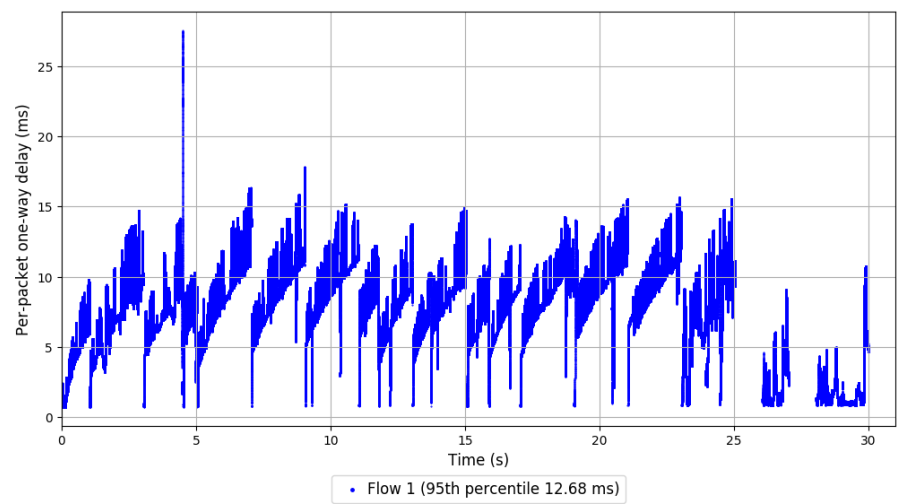
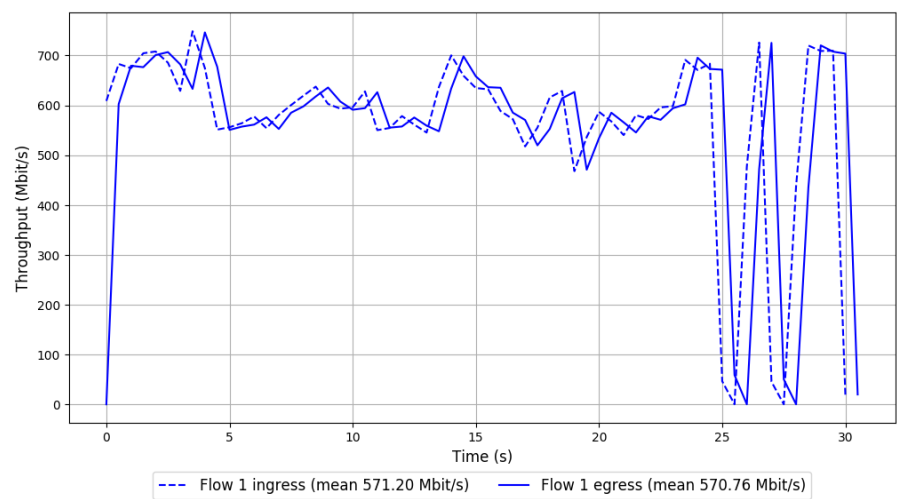


Run 4: Statistics of LEDBAT

Start at: 2019-01-17 08:05:39
End at: 2019-01-17 08:06:09
Local clock offset: 2.963 ms
Remote clock offset: -4.059 ms

Below is generated by plot.py at 2019-01-17 09:38:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 570.76 Mbit/s
95th percentile per-packet one-way delay: 12.681 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 570.76 Mbit/s
95th percentile per-packet one-way delay: 12.681 ms
Loss rate: 0.07%

Run 4: Report of LEDBAT — Data Link

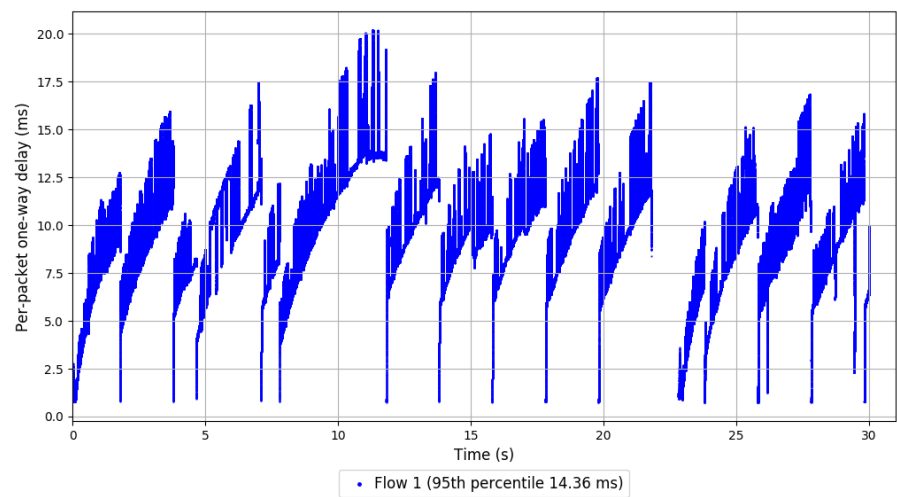
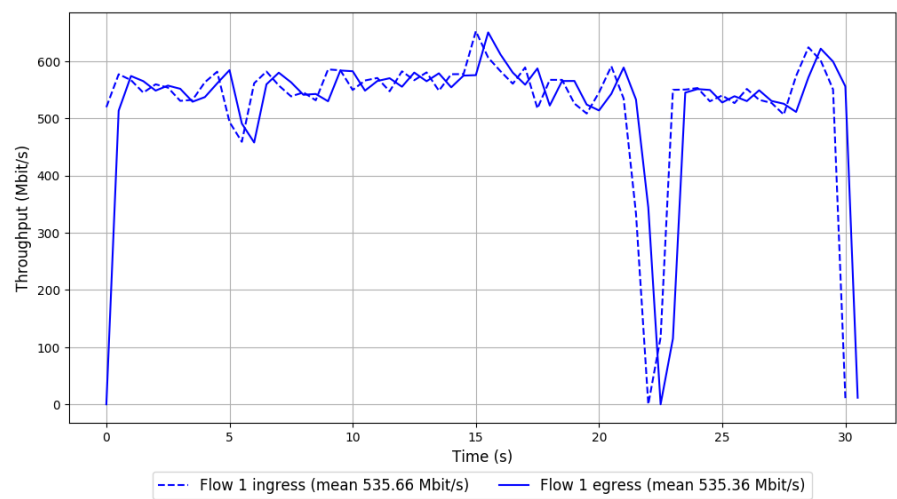


Run 5: Statistics of LEDBAT

Start at: 2019-01-17 08:34:24
End at: 2019-01-17 08:34:54
Local clock offset: 3.79 ms
Remote clock offset: -0.723 ms

Below is generated by plot.py at 2019-01-17 09:38:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 535.36 Mbit/s
95th percentile per-packet one-way delay: 14.356 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 535.36 Mbit/s
95th percentile per-packet one-way delay: 14.356 ms
Loss rate: 0.06%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-01-17 06:31:02

End at: 2019-01-17 06:31:32

Local clock offset: 0.746 ms

Remote clock offset: -1.326 ms

Below is generated by plot.py at 2019-01-17 09:38:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 424.10 Mbit/s

95th percentile per-packet one-way delay: 1.055 ms

Loss rate: 0.11%

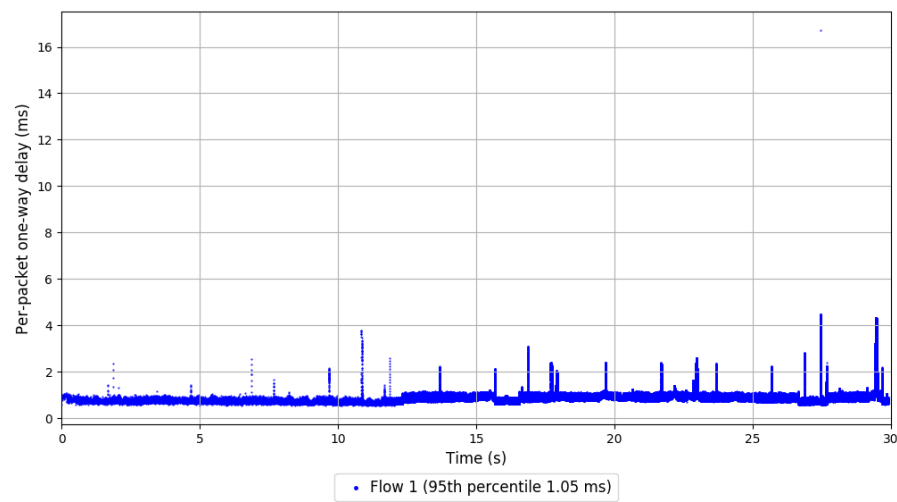
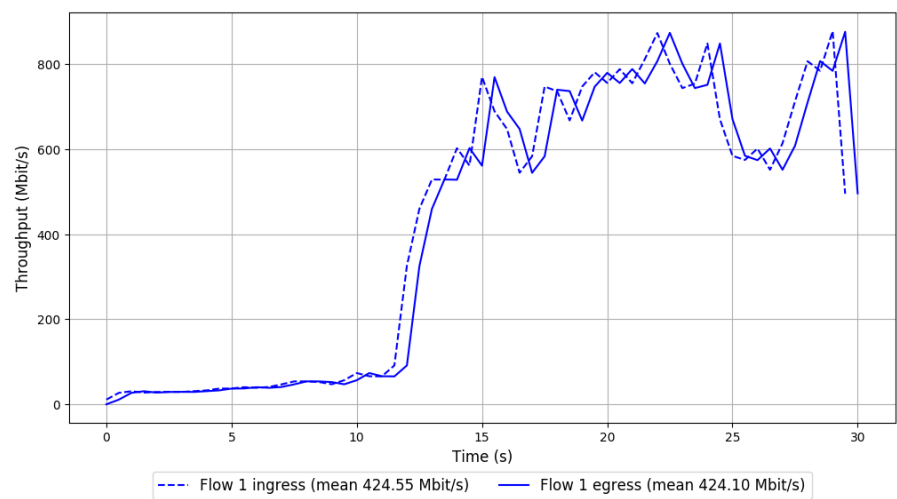
-- Flow 1:

Average throughput: 424.10 Mbit/s

95th percentile per-packet one-way delay: 1.055 ms

Loss rate: 0.11%

Run 1: Report of PCC-Allegro — Data Link

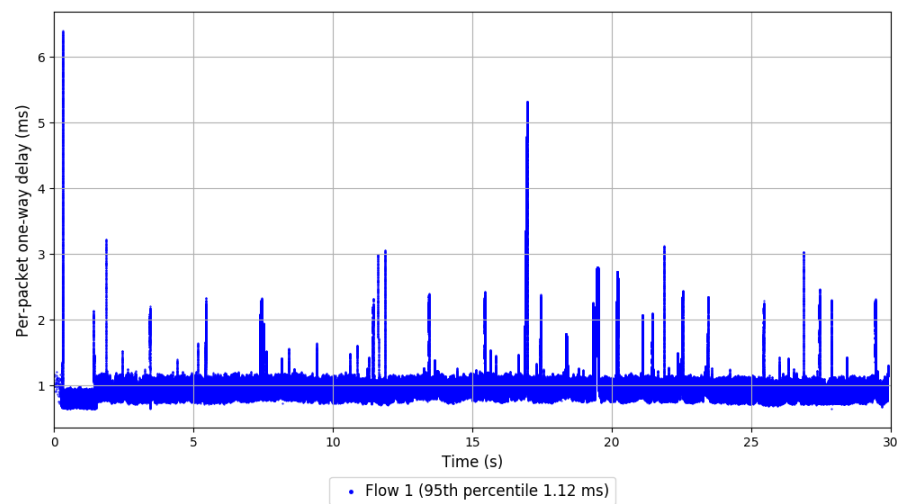
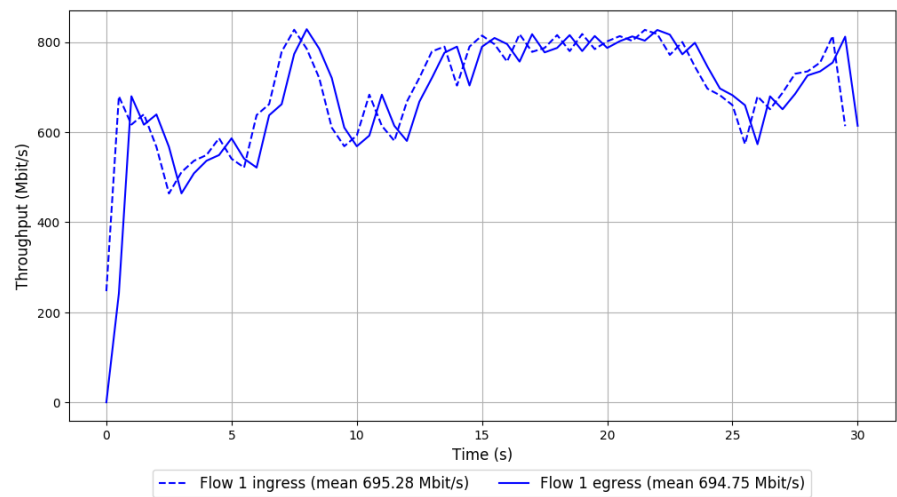


Run 2: Statistics of PCC-Allegro

Start at: 2019-01-17 06:59:49
End at: 2019-01-17 07:00:19
Local clock offset: -2.497 ms
Remote clock offset: -0.399 ms

Below is generated by plot.py at 2019-01-17 09:41:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 694.75 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 694.75 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.08%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-01-17 07:28:24

End at: 2019-01-17 07:28:54

Local clock offset: -3.558 ms

Remote clock offset: -0.313 ms

Below is generated by plot.py at 2019-01-17 09:41:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 664.46 Mbit/s

95th percentile per-packet one-way delay: 2.542 ms

Loss rate: 0.26%

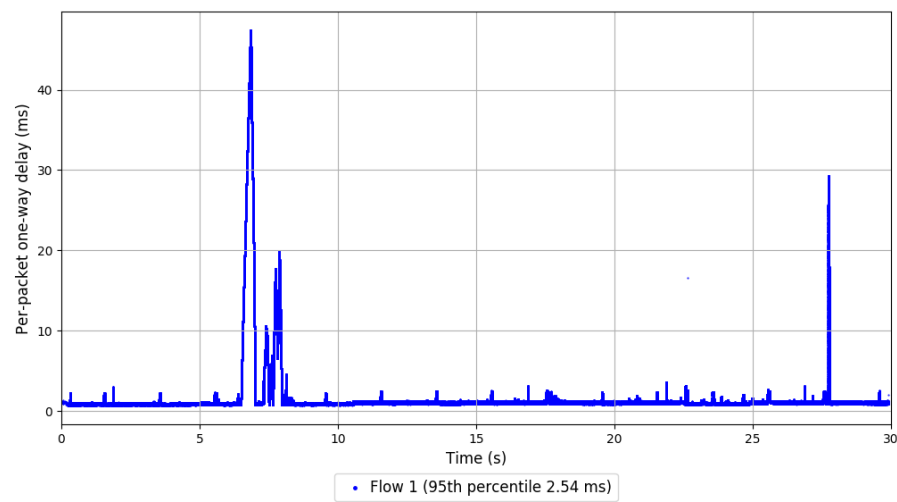
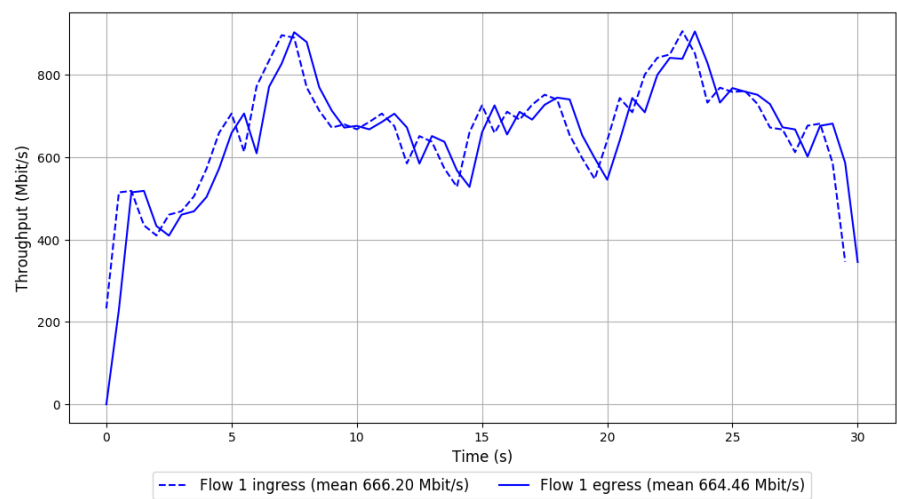
-- Flow 1:

Average throughput: 664.46 Mbit/s

95th percentile per-packet one-way delay: 2.542 ms

Loss rate: 0.26%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-01-17 07:57:26

End at: 2019-01-17 07:57:56

Local clock offset: 0.535 ms

Remote clock offset: -3.247 ms

Below is generated by plot.py at 2019-01-17 09:41:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 390.77 Mbit/s

95th percentile per-packet one-way delay: 1.627 ms

Loss rate: 0.09%

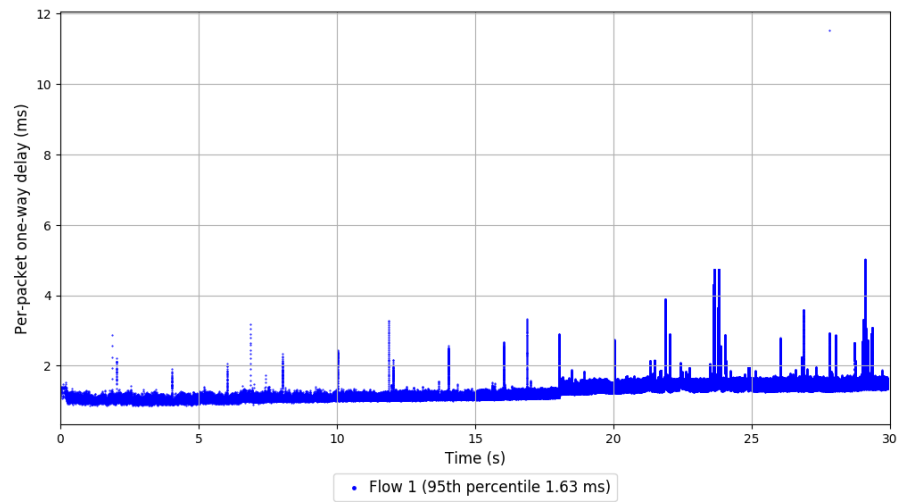
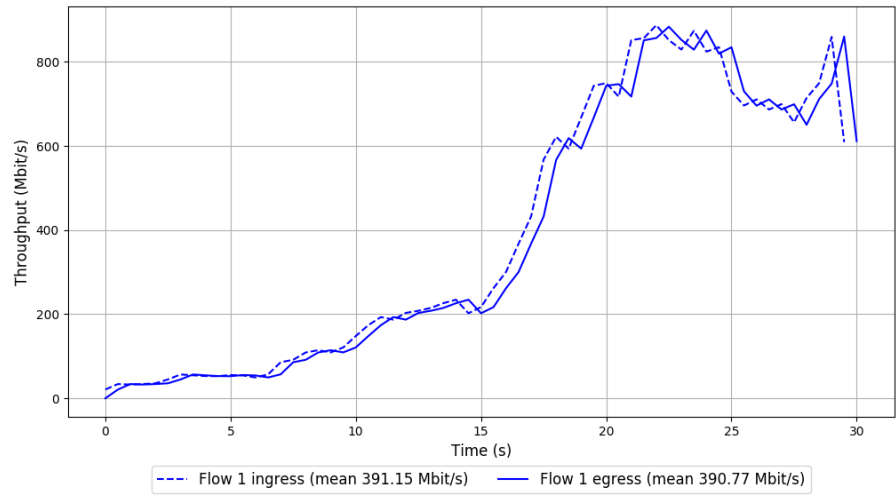
-- Flow 1:

Average throughput: 390.77 Mbit/s

95th percentile per-packet one-way delay: 1.627 ms

Loss rate: 0.09%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-01-17 08:26:04

End at: 2019-01-17 08:26:34

Local clock offset: 4.029 ms

Remote clock offset: -2.052 ms

Below is generated by plot.py at 2019-01-17 09:44:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 674.67 Mbit/s

95th percentile per-packet one-way delay: 2.006 ms

Loss rate: 0.21%

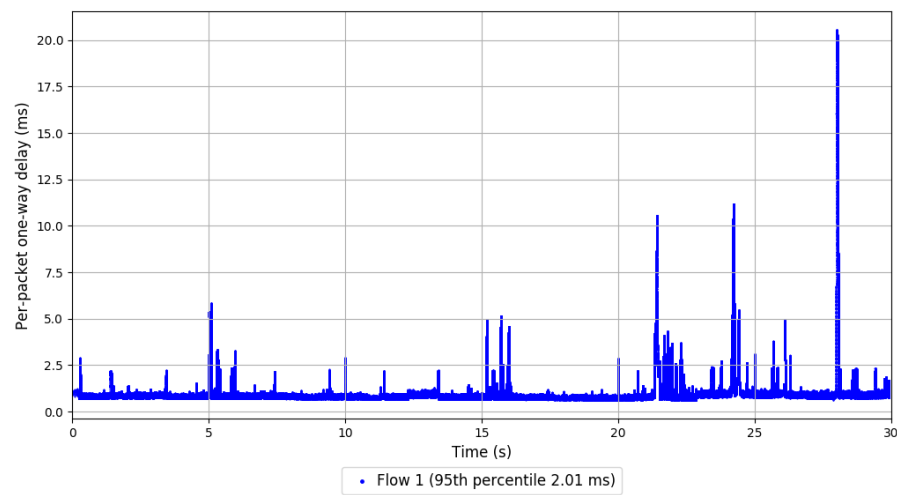
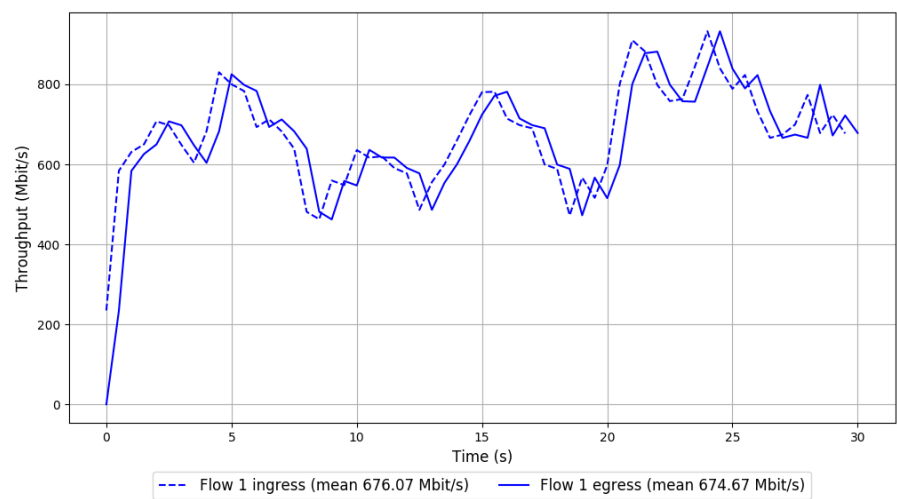
-- Flow 1:

Average throughput: 674.67 Mbit/s

95th percentile per-packet one-way delay: 2.006 ms

Loss rate: 0.21%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

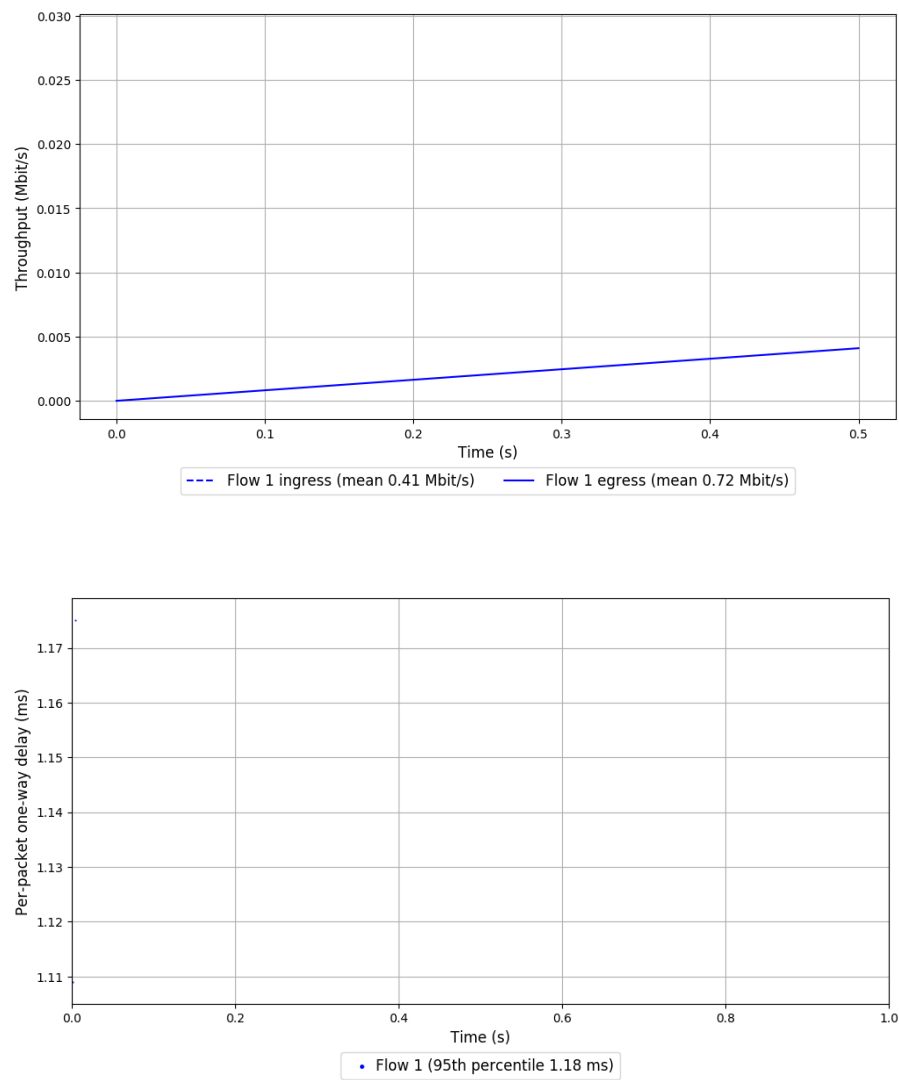
Start at: 2019-01-17 06:40:52

End at: 2019-01-17 06:41:22

Local clock offset: -0.268 ms

Remote clock offset: -0.857 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

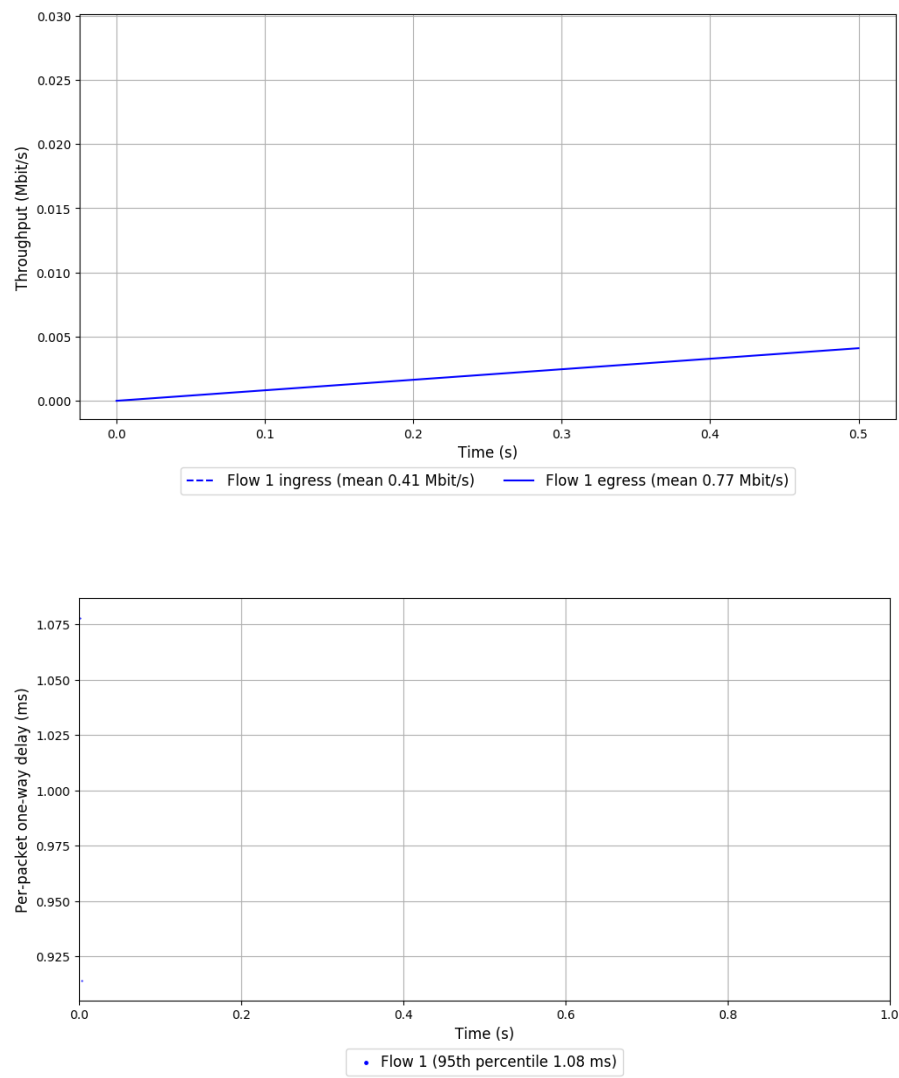
Start at: 2019-01-17 07:09:42

End at: 2019-01-17 07:10:12

Local clock offset: -3.463 ms

Remote clock offset: -0.458 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

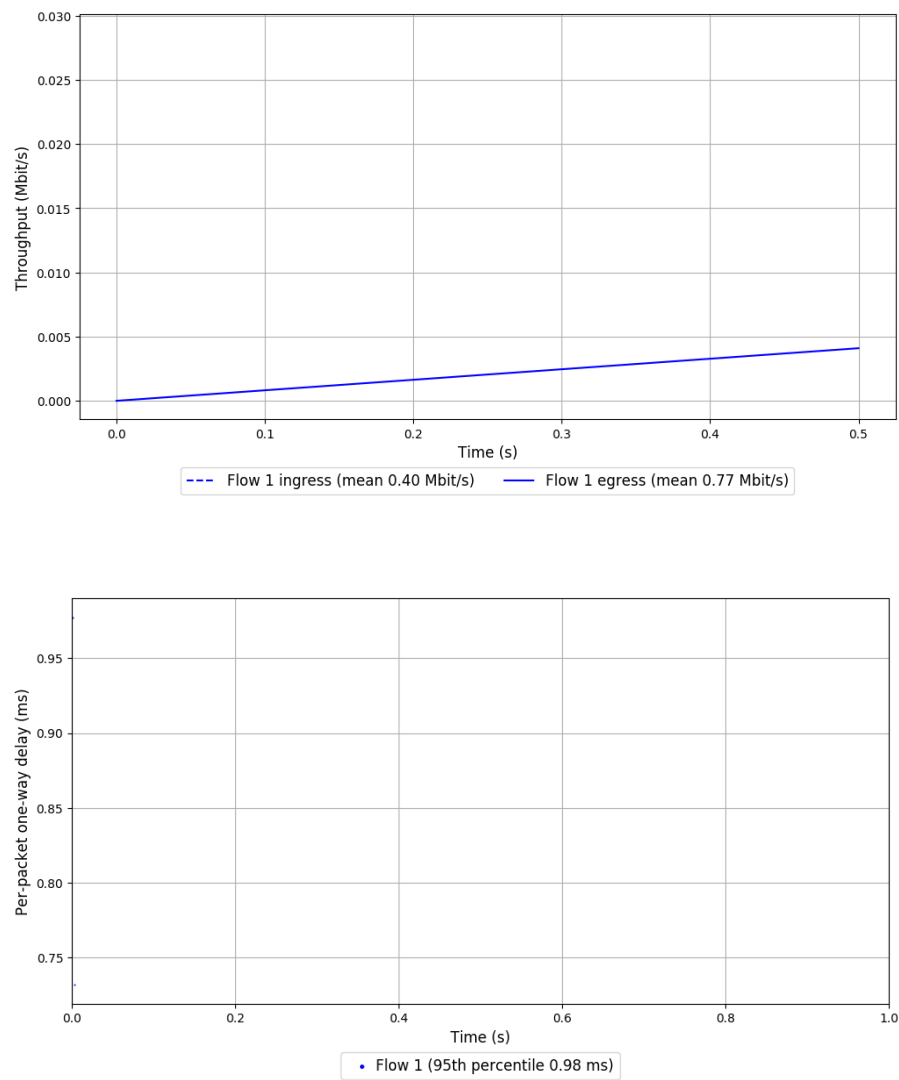
Start at: 2019-01-17 07:38:21

End at: 2019-01-17 07:38:51

Local clock offset: -3.379 ms

Remote clock offset: -0.292 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

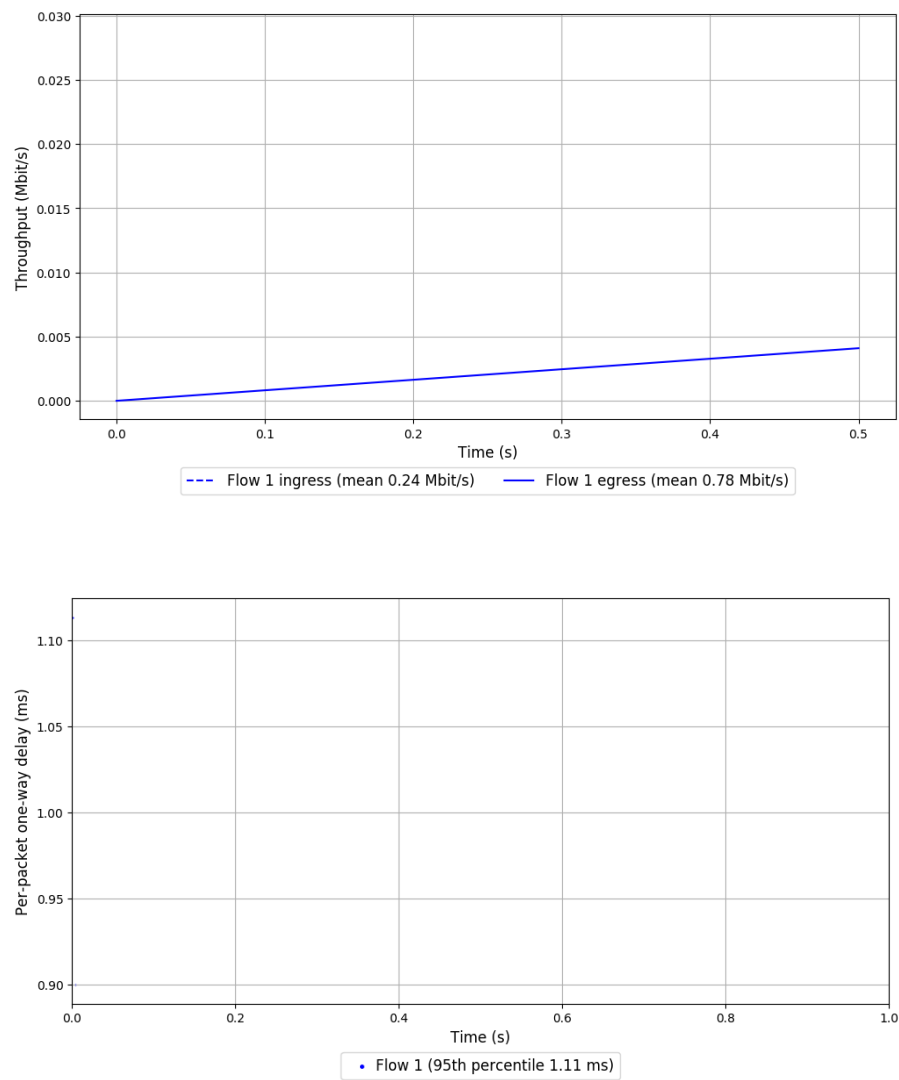
Start at: 2019-01-17 08:07:16

End at: 2019-01-17 08:07:46

Local clock offset: 3.22 ms

Remote clock offset: -4.2 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

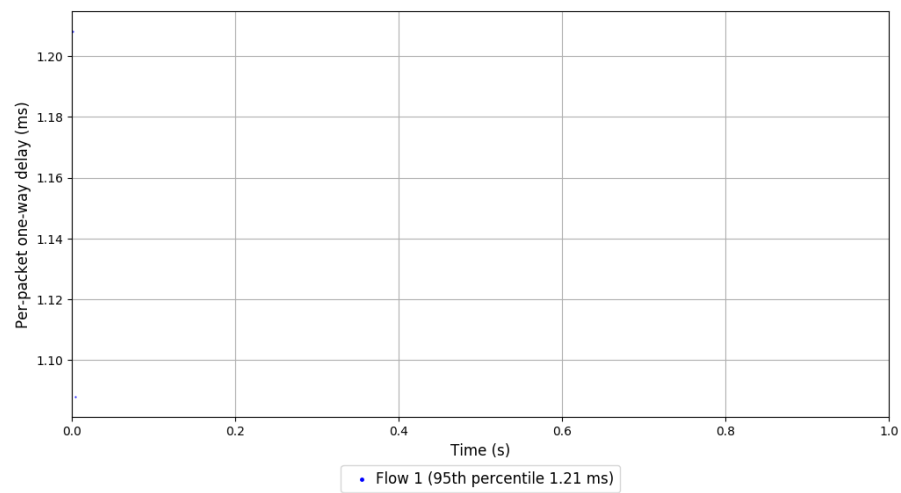
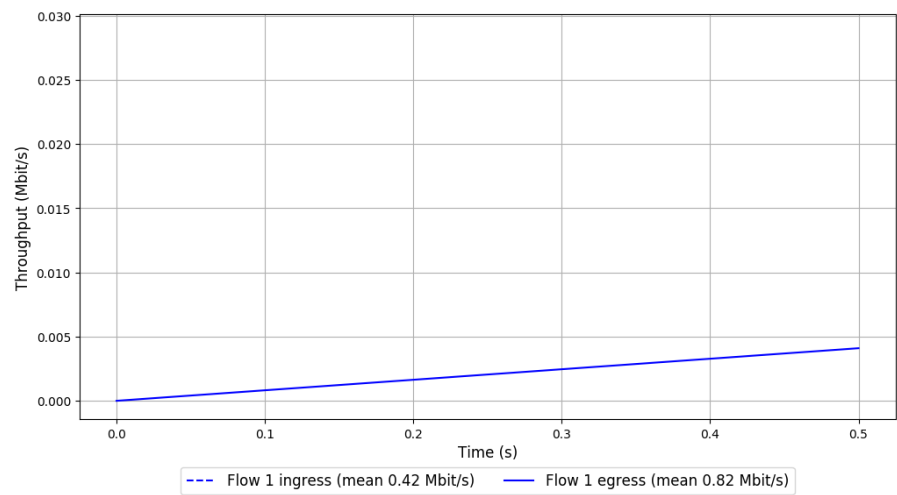
Start at: 2019-01-17 08:36:00

End at: 2019-01-17 08:36:30

Local clock offset: 3.804 ms

Remote clock offset: -0.513 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-01-17 06:35:12

End at: 2019-01-17 06:35:42

Local clock offset: 0.189 ms

Remote clock offset: -1.43 ms

Below is generated by plot.py at 2019-01-17 09:44:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.08 Mbit/s

95th percentile per-packet one-way delay: 0.830 ms

Loss rate: 0.00%

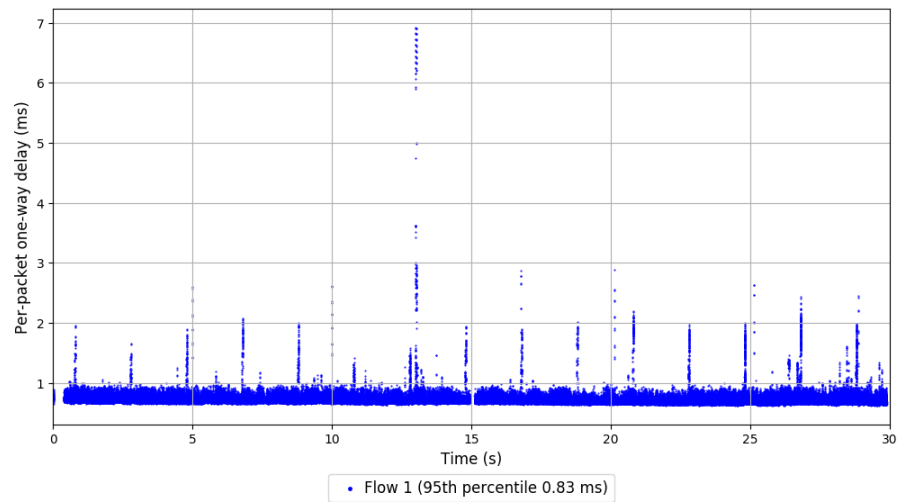
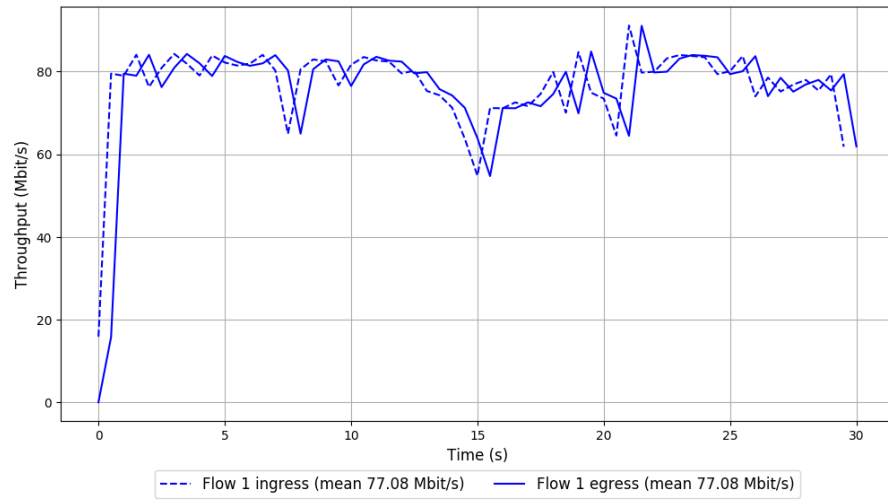
-- Flow 1:

Average throughput: 77.08 Mbit/s

95th percentile per-packet one-way delay: 0.830 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-01-17 07:04:04

End at: 2019-01-17 07:04:34

Local clock offset: -2.958 ms

Remote clock offset: -0.423 ms

Below is generated by plot.py at 2019-01-17 09:44:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.78 Mbit/s

95th percentile per-packet one-way delay: 0.773 ms

Loss rate: 0.00%

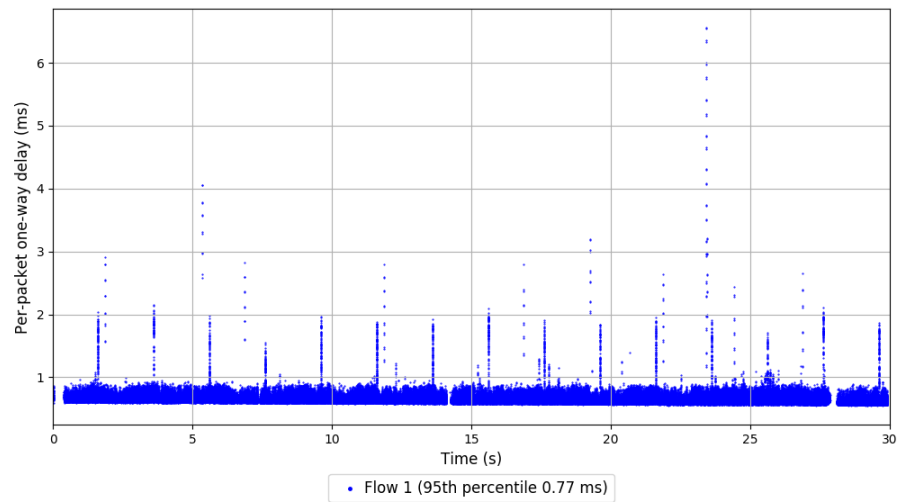
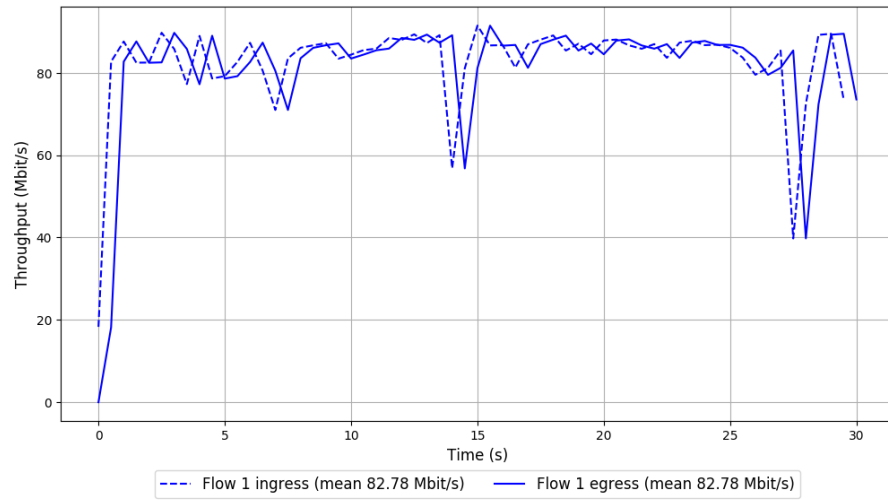
-- Flow 1:

Average throughput: 82.78 Mbit/s

95th percentile per-packet one-way delay: 0.773 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-01-17 07:32:43

End at: 2019-01-17 07:33:13

Local clock offset: -3.472 ms

Remote clock offset: -0.253 ms

Below is generated by plot.py at 2019-01-17 09:44:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.34 Mbit/s

95th percentile per-packet one-way delay: 0.911 ms

Loss rate: 0.01%

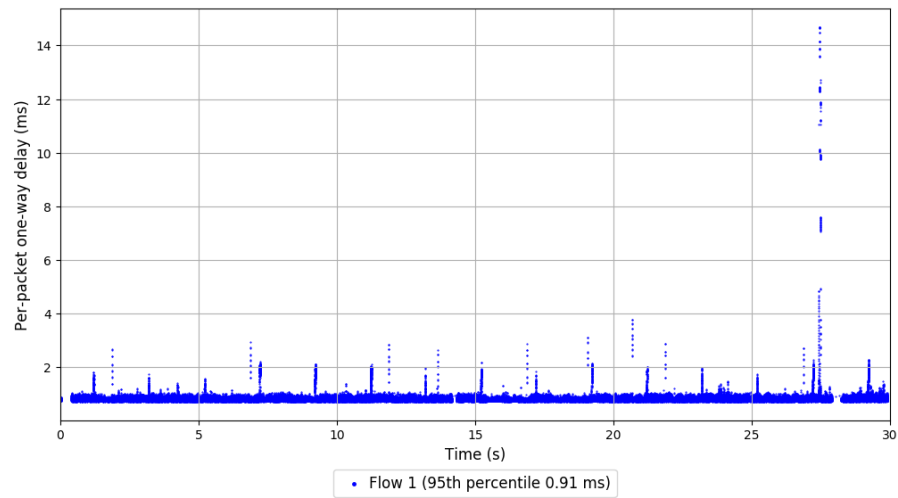
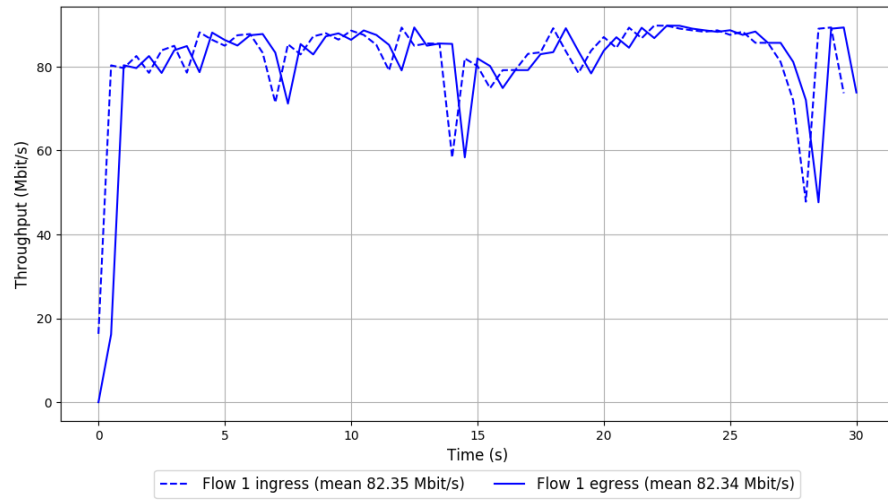
-- Flow 1:

Average throughput: 82.34 Mbit/s

95th percentile per-packet one-way delay: 0.911 ms

Loss rate: 0.01%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-01-17 08:01:36

End at: 2019-01-17 08:02:06

Local clock offset: 1.914 ms

Remote clock offset: -3.69 ms

Below is generated by plot.py at 2019-01-17 09:44:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.52 Mbit/s

95th percentile per-packet one-way delay: 1.136 ms

Loss rate: 0.01%

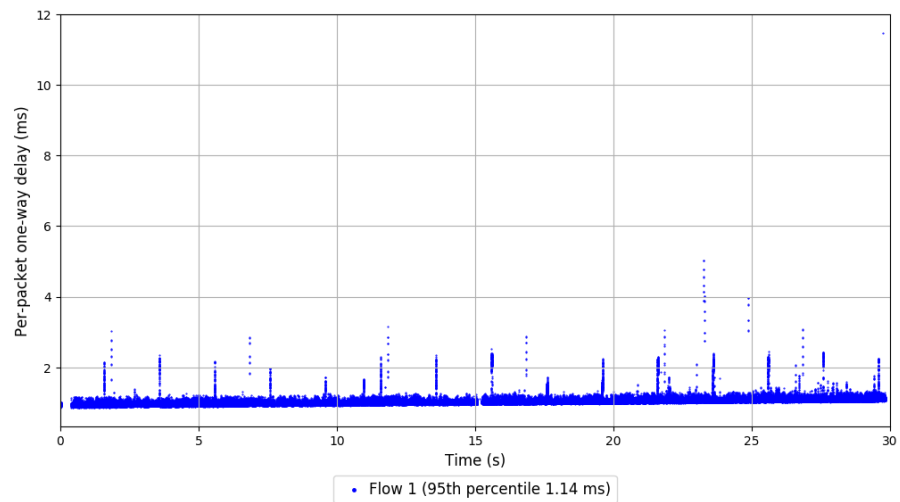
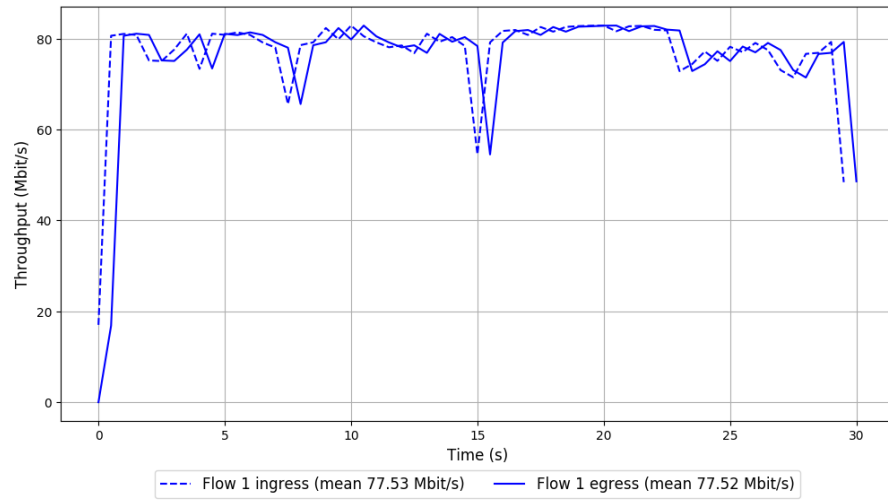
-- Flow 1:

Average throughput: 77.52 Mbit/s

95th percentile per-packet one-way delay: 1.136 ms

Loss rate: 0.01%

Run 4: Report of QUIC Cubic — Data Link

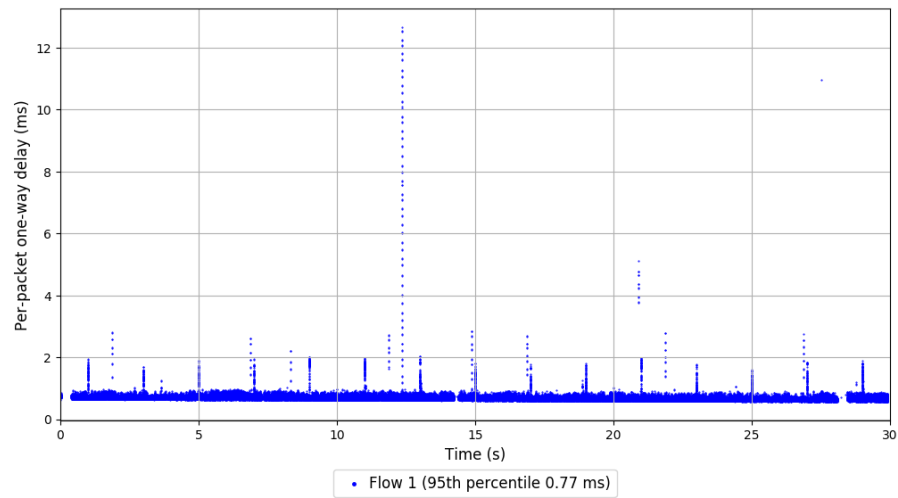
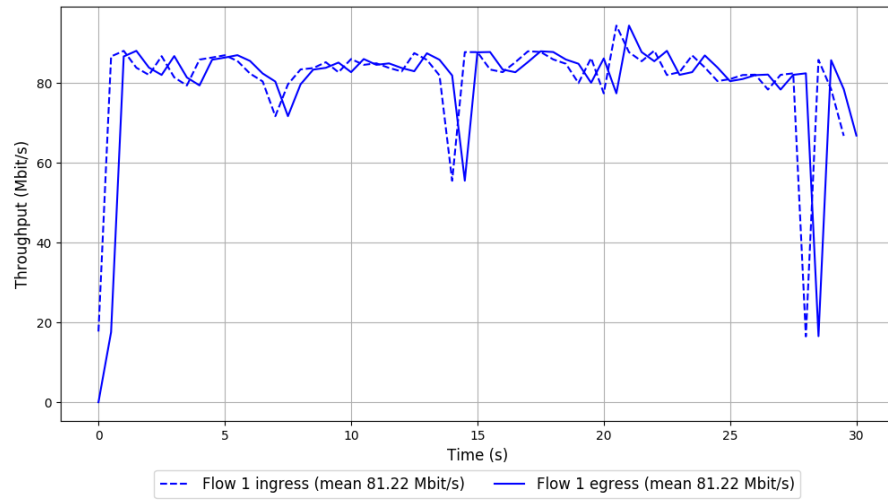


Run 5: Statistics of QUIC Cubic

Start at: 2019-01-17 08:30:21
End at: 2019-01-17 08:30:51
Local clock offset: 3.857 ms
Remote clock offset: -1.283 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.22 Mbit/s
95th percentile per-packet one-way delay: 0.767 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.22 Mbit/s
95th percentile per-packet one-way delay: 0.767 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

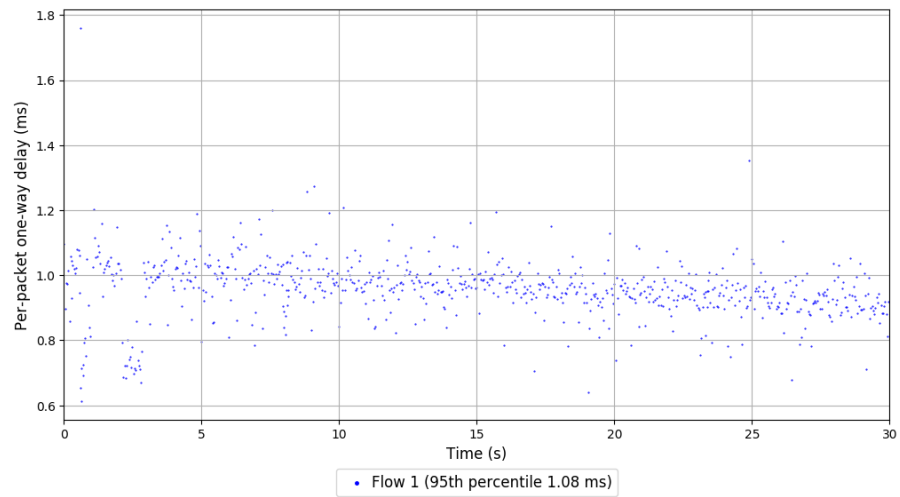
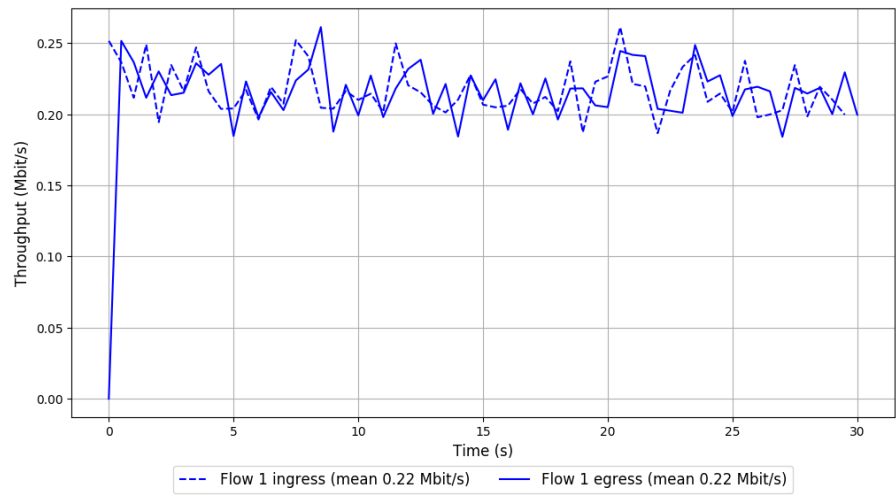


Run 1: Statistics of SCReAM

Start at: 2019-01-17 06:36:27
End at: 2019-01-17 06:36:57
Local clock offset: 0.087 ms
Remote clock offset: -1.381 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.085 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.085 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

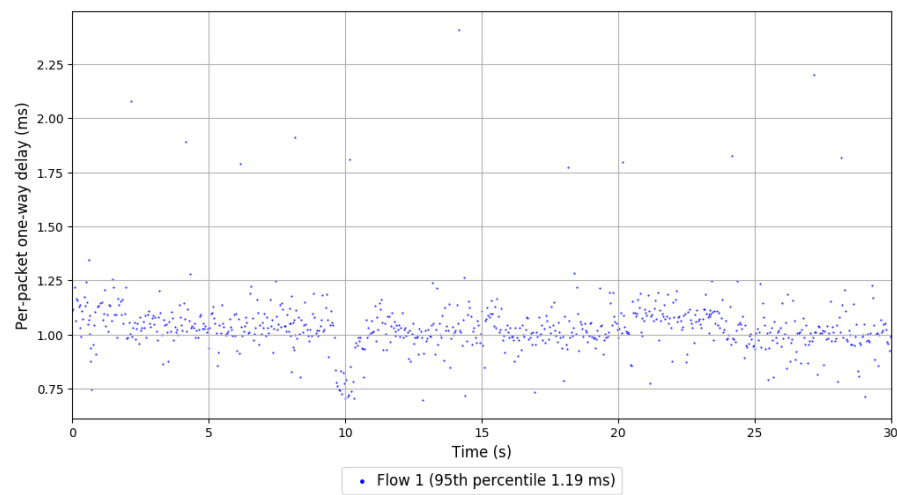
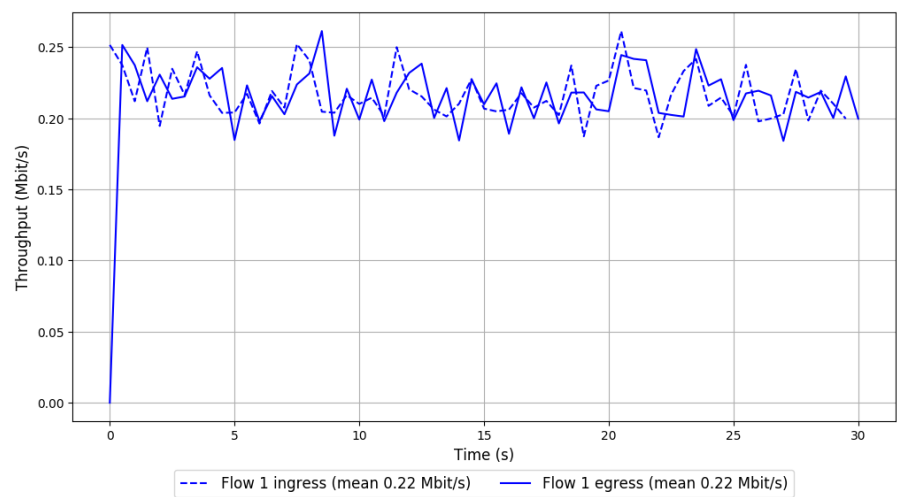


Run 2: Statistics of SCReAM

Start at: 2019-01-17 07:05:20
End at: 2019-01-17 07:05:50
Local clock offset: -3.108 ms
Remote clock offset: -0.426 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.191 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.191 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

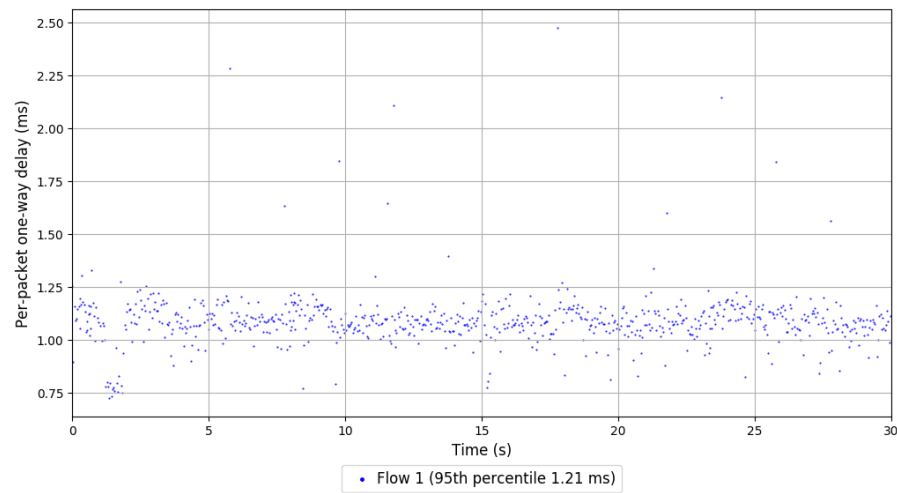
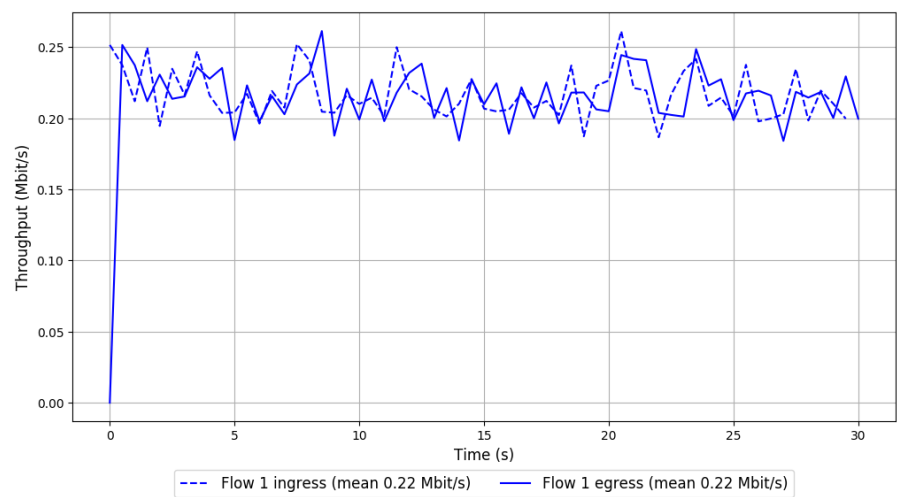


Run 3: Statistics of SCReAM

Start at: 2019-01-17 07:33:58
End at: 2019-01-17 07:34:28
Local clock offset: -3.485 ms
Remote clock offset: -0.289 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

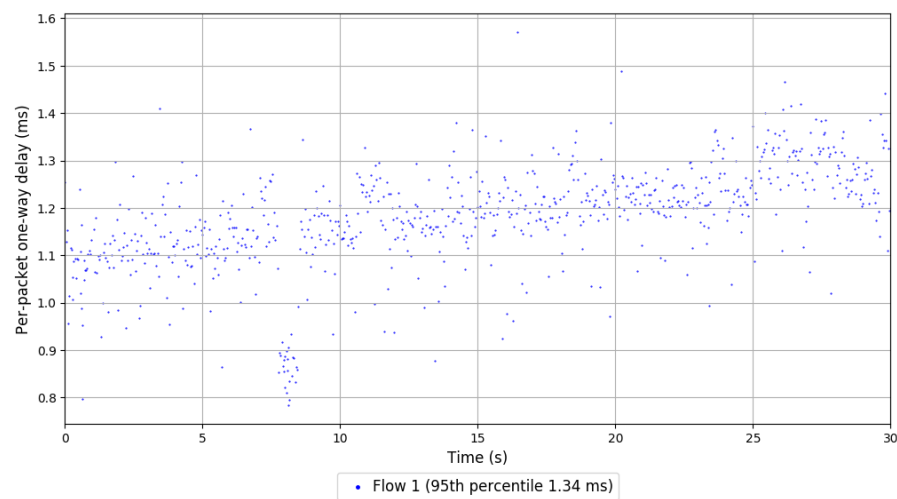
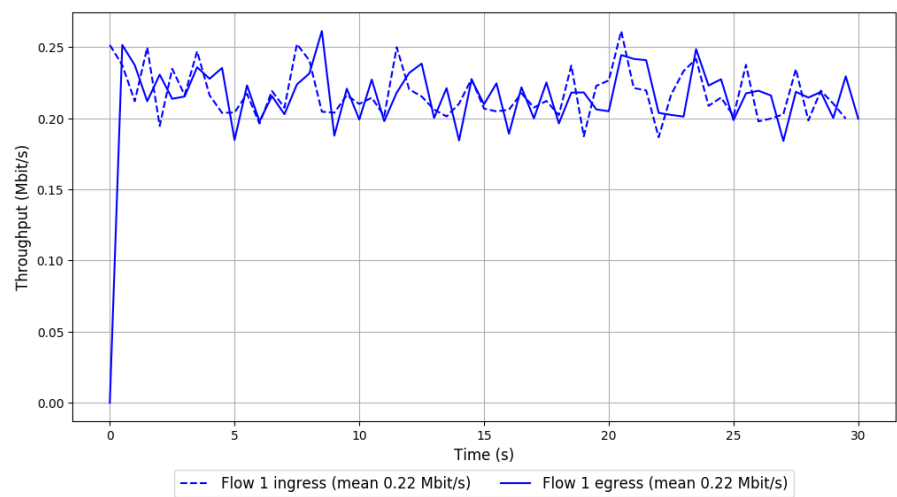


Run 4: Statistics of SCReAM

Start at: 2019-01-17 08:02:52
End at: 2019-01-17 08:03:22
Local clock offset: 2.326 ms
Remote clock offset: -3.841 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.342 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.342 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

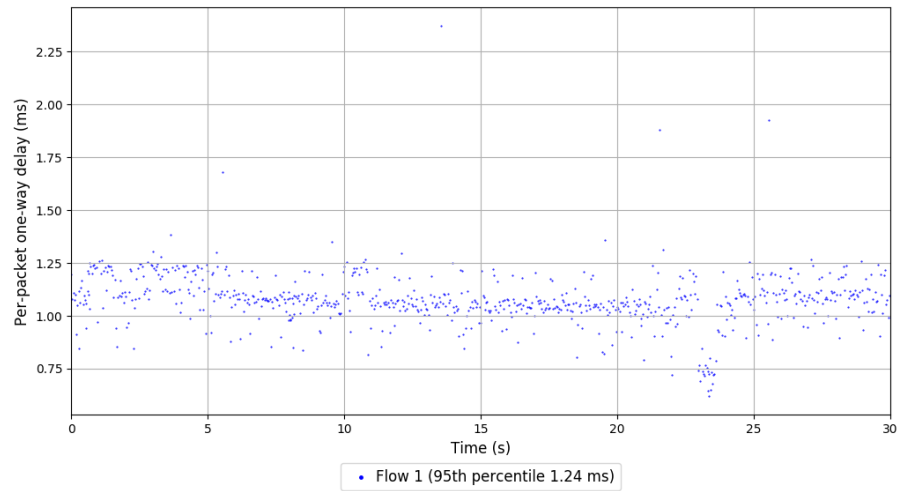
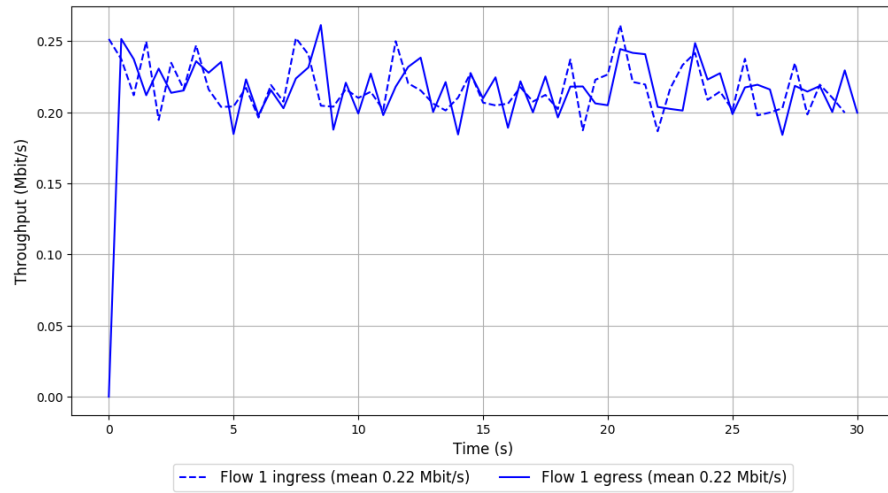


Run 5: Statistics of SCReAM

Start at: 2019-01-17 08:31:36
End at: 2019-01-17 08:32:06
Local clock offset: 3.815 ms
Remote clock offset: -1.063 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.235 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.235 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

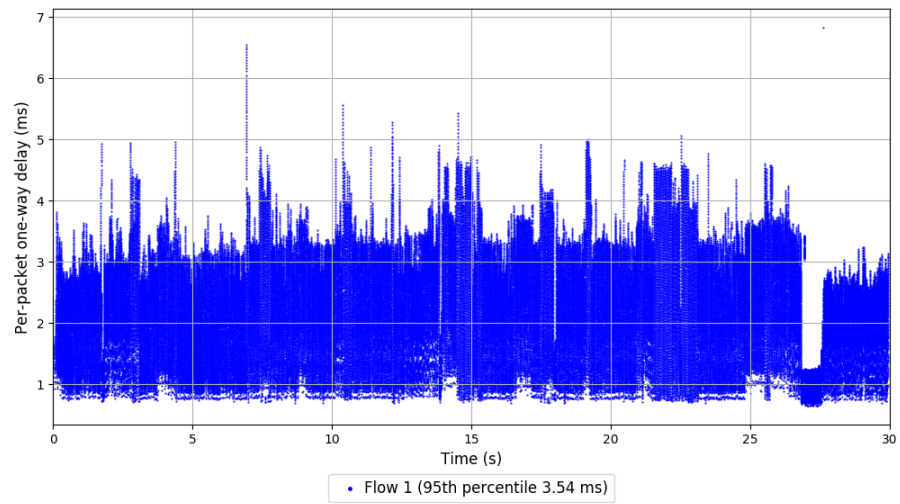
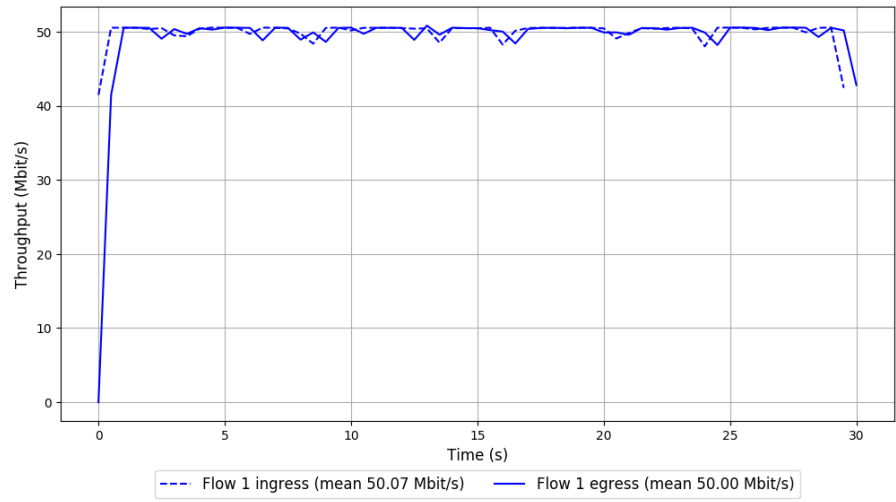


Run 1: Statistics of Sprout

Start at: 2019-01-17 06:46:03
End at: 2019-01-17 06:46:33
Local clock offset: -0.564 ms
Remote clock offset: -0.638 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.00 Mbit/s
95th percentile per-packet one-way delay: 3.541 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 50.00 Mbit/s
95th percentile per-packet one-way delay: 3.541 ms
Loss rate: 0.14%

Run 1: Report of Sprout — Data Link

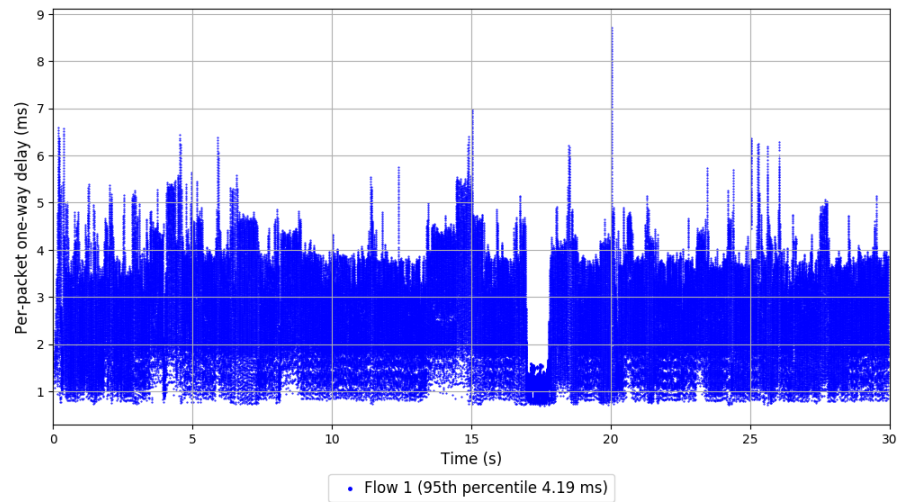
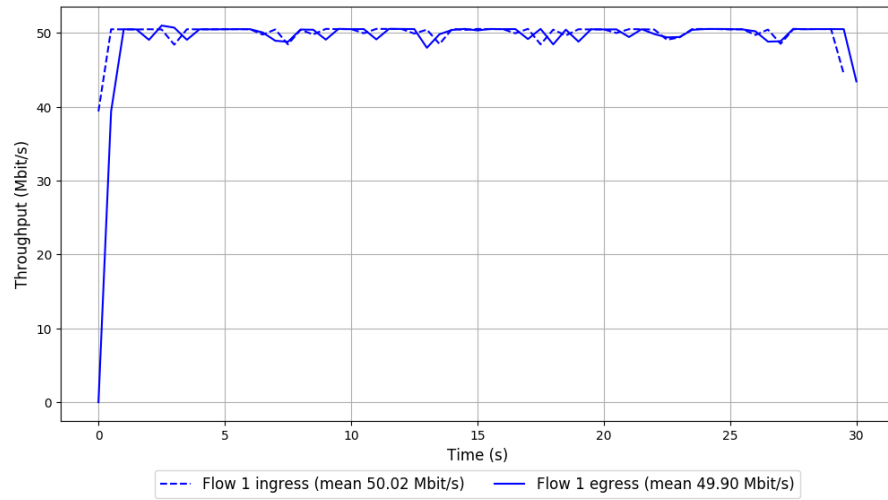


Run 2: Statistics of Sprout

Start at: 2019-01-17 07:14:42
End at: 2019-01-17 07:15:12
Local clock offset: -3.828 ms
Remote clock offset: -0.332 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.90 Mbit/s
95th percentile per-packet one-way delay: 4.191 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 49.90 Mbit/s
95th percentile per-packet one-way delay: 4.191 ms
Loss rate: 0.25%

Run 2: Report of Sprout — Data Link

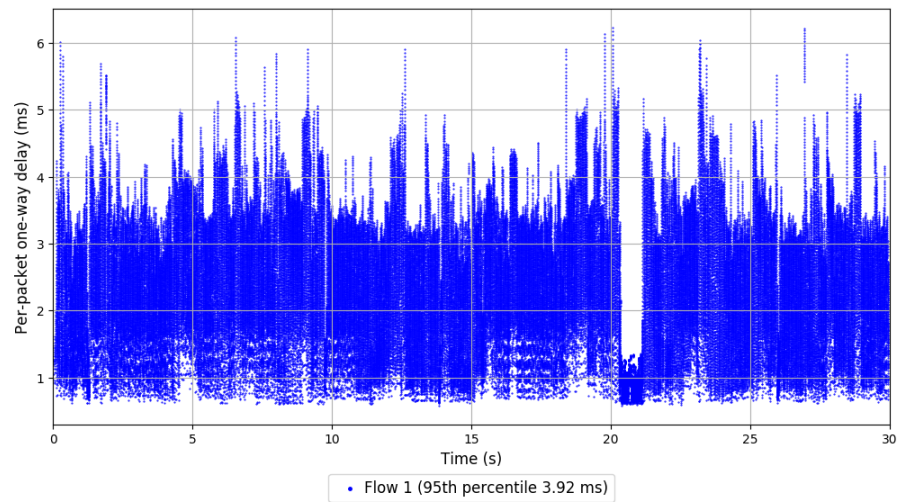
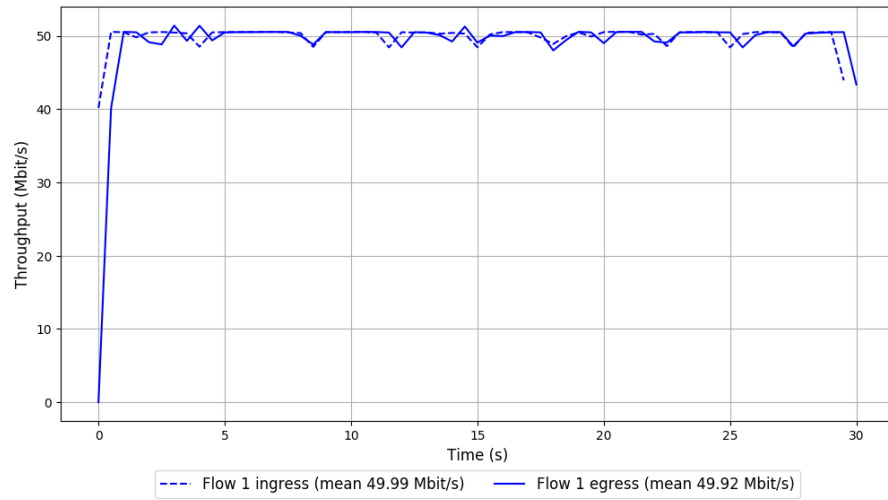


Run 3: Statistics of Sprout

Start at: 2019-01-17 07:43:39
End at: 2019-01-17 07:44:09
Local clock offset: -3.501 ms
Remote clock offset: -0.325 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.92 Mbit/s
95th percentile per-packet one-way delay: 3.925 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 49.92 Mbit/s
95th percentile per-packet one-way delay: 3.925 ms
Loss rate: 0.12%

Run 3: Report of Sprout — Data Link

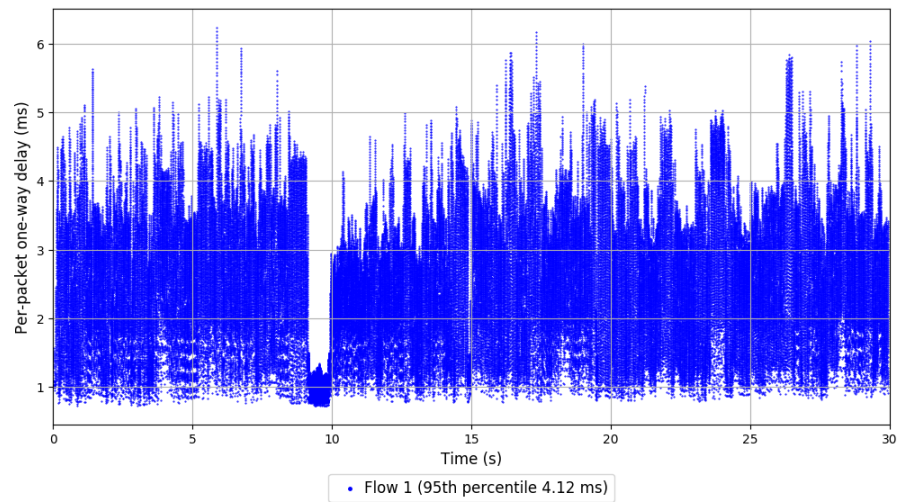
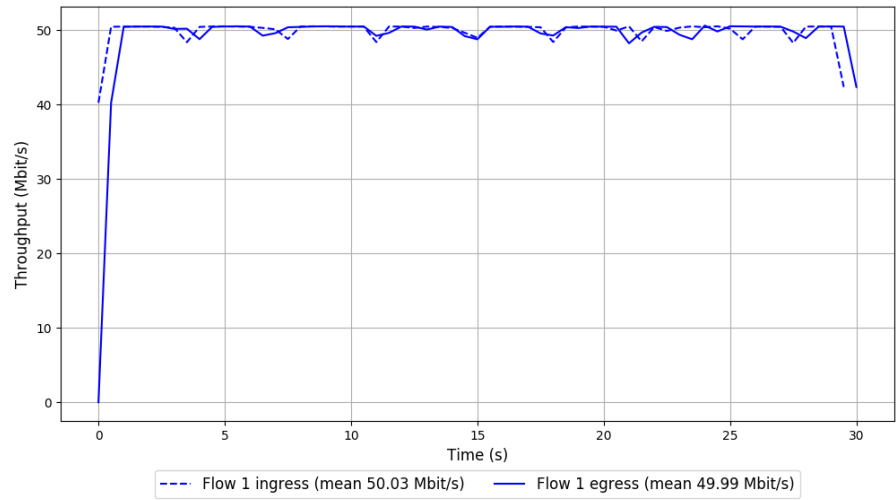


Run 4: Statistics of Sprout

Start at: 2019-01-17 08:12:20
End at: 2019-01-17 08:12:50
Local clock offset: 3.984 ms
Remote clock offset: -4.589 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.99 Mbit/s
95th percentile per-packet one-way delay: 4.125 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 49.99 Mbit/s
95th percentile per-packet one-way delay: 4.125 ms
Loss rate: 0.06%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-01-17 08:41:10

End at: 2019-01-17 08:41:40

Local clock offset: 3.872 ms

Remote clock offset: -0.3 ms

Below is generated by plot.py at 2019-01-17 09:44:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.00 Mbit/s

95th percentile per-packet one-way delay: 4.304 ms

Loss rate: 0.04%

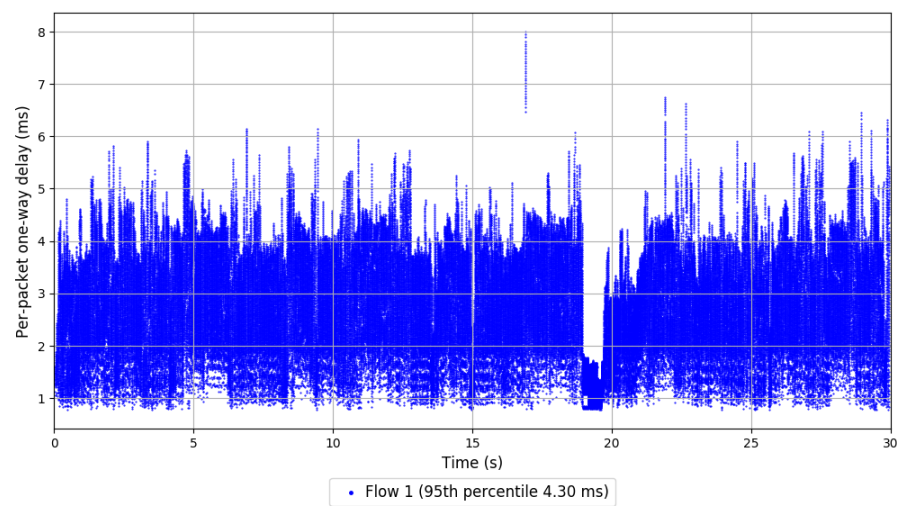
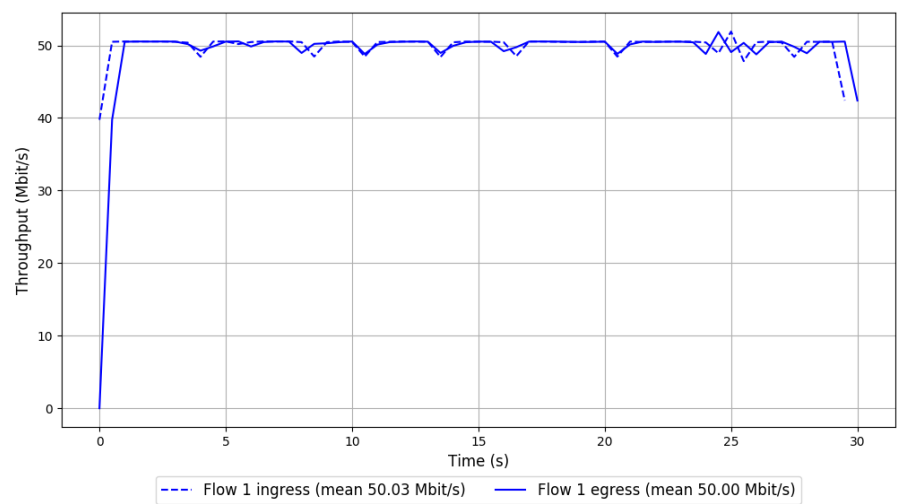
-- Flow 1:

Average throughput: 50.00 Mbit/s

95th percentile per-packet one-way delay: 4.304 ms

Loss rate: 0.04%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

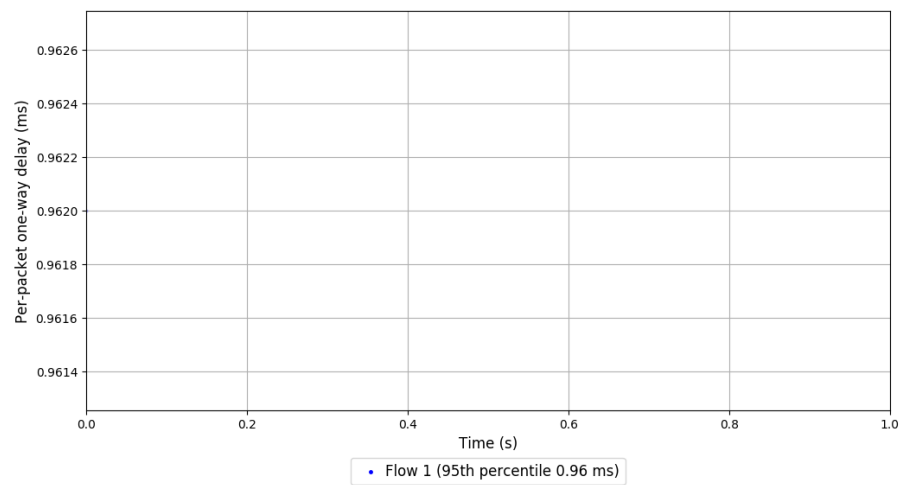
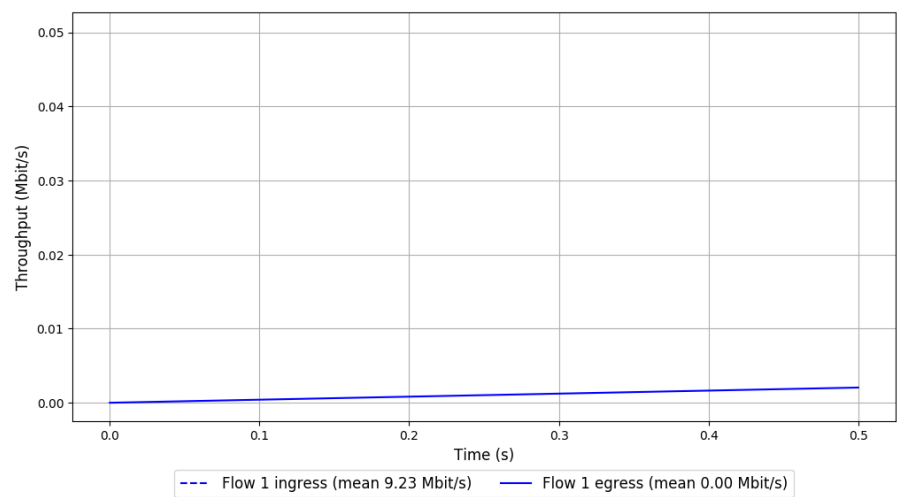
Start at: 2019-01-17 06:51:31

End at: 2019-01-17 06:52:01

Local clock offset: -1.107 ms

Remote clock offset: -0.492 ms

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



Run 2: Statistics of TaoVA-100x

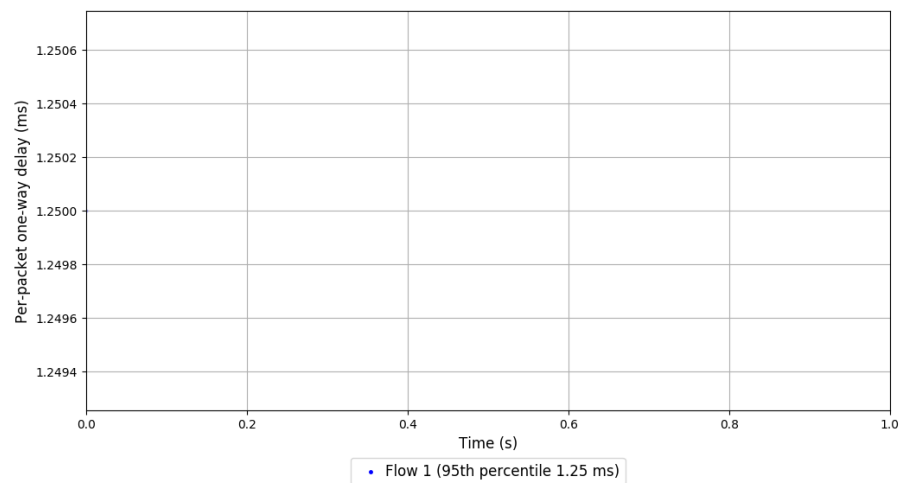
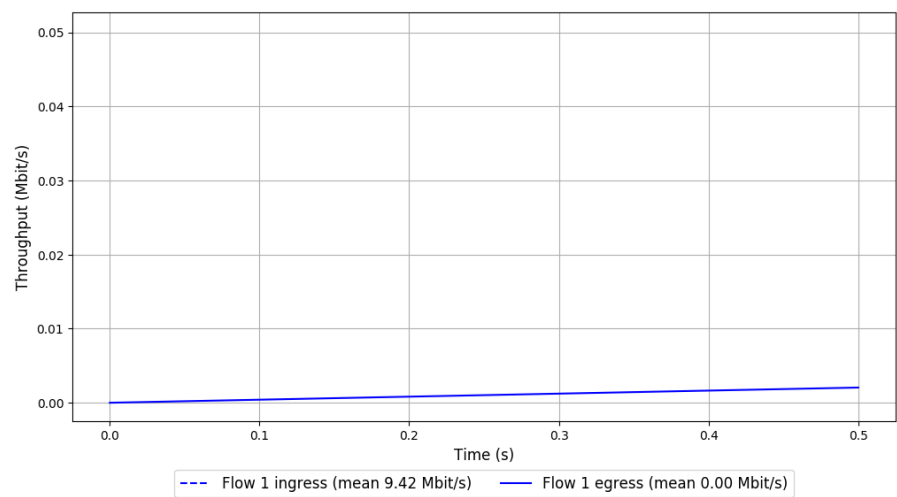
Start at: 2019-01-17 07:20:11

End at: 2019-01-17 07:20:41

Local clock offset: -4.149 ms

Remote clock offset: -0.252 ms

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



Run 3: Statistics of TaoVA-100x

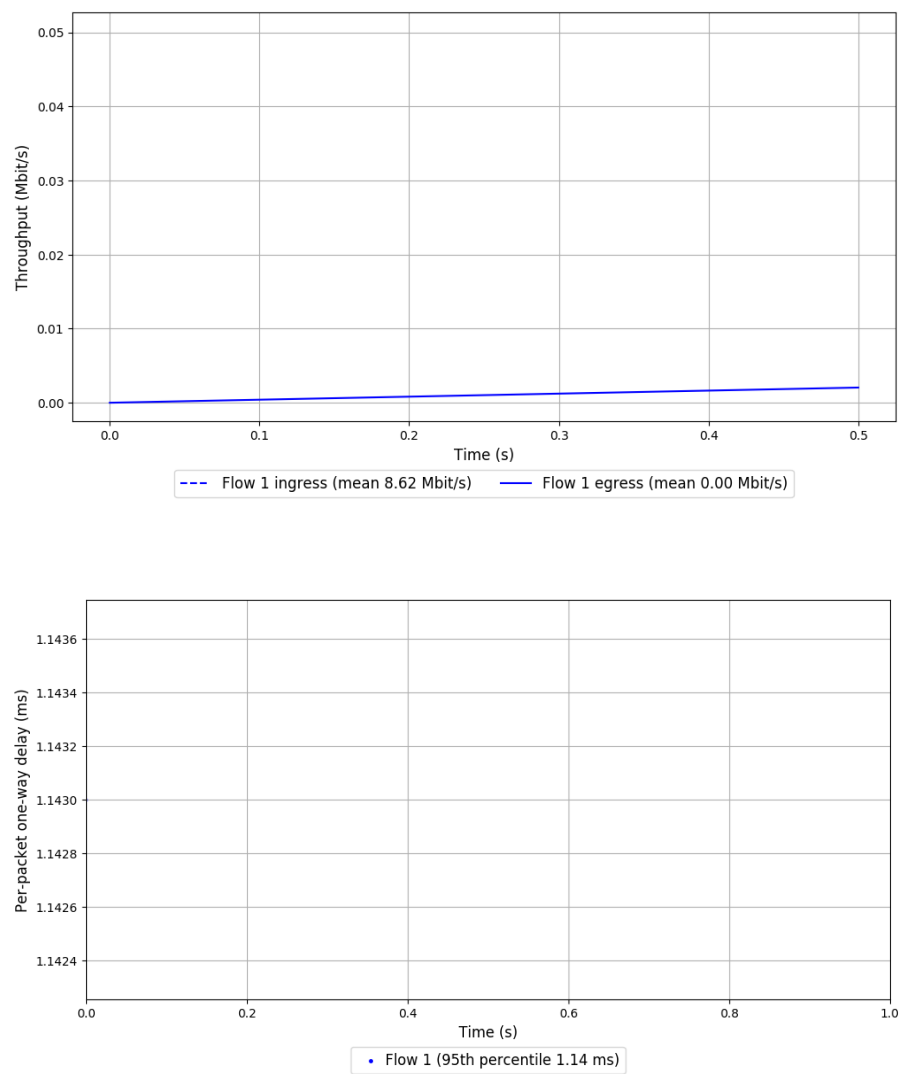
Start at: 2019-01-17 07:49:07

End at: 2019-01-17 07:49:37

Local clock offset: -3.631 ms

Remote clock offset: -1.744 ms

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



Run 4: Statistics of TaoVA-100x

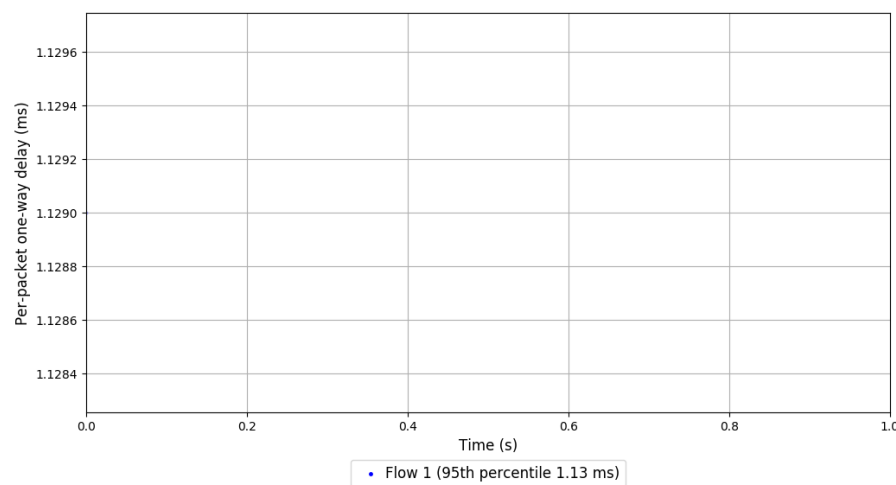
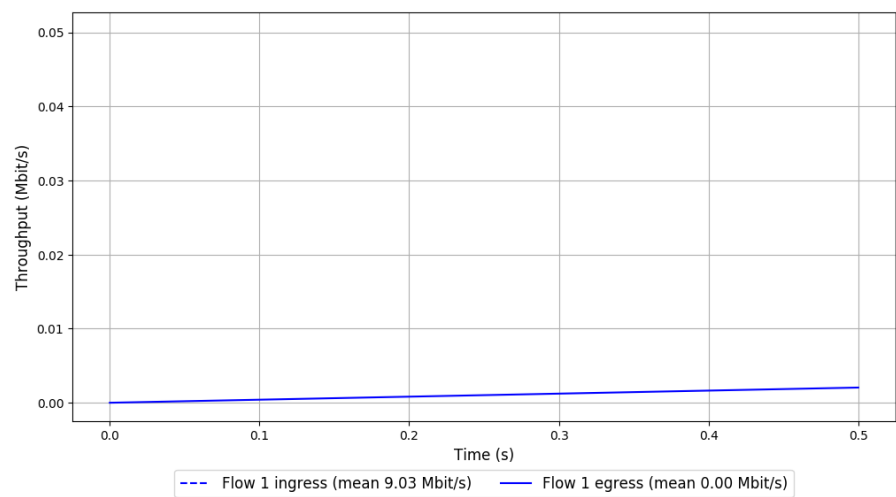
Start at: 2019-01-17 08:17:45

End at: 2019-01-17 08:18:15

Local clock offset: 4.453 ms

Remote clock offset: -5.075 ms

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



Run 5: Statistics of TaoVA-100x

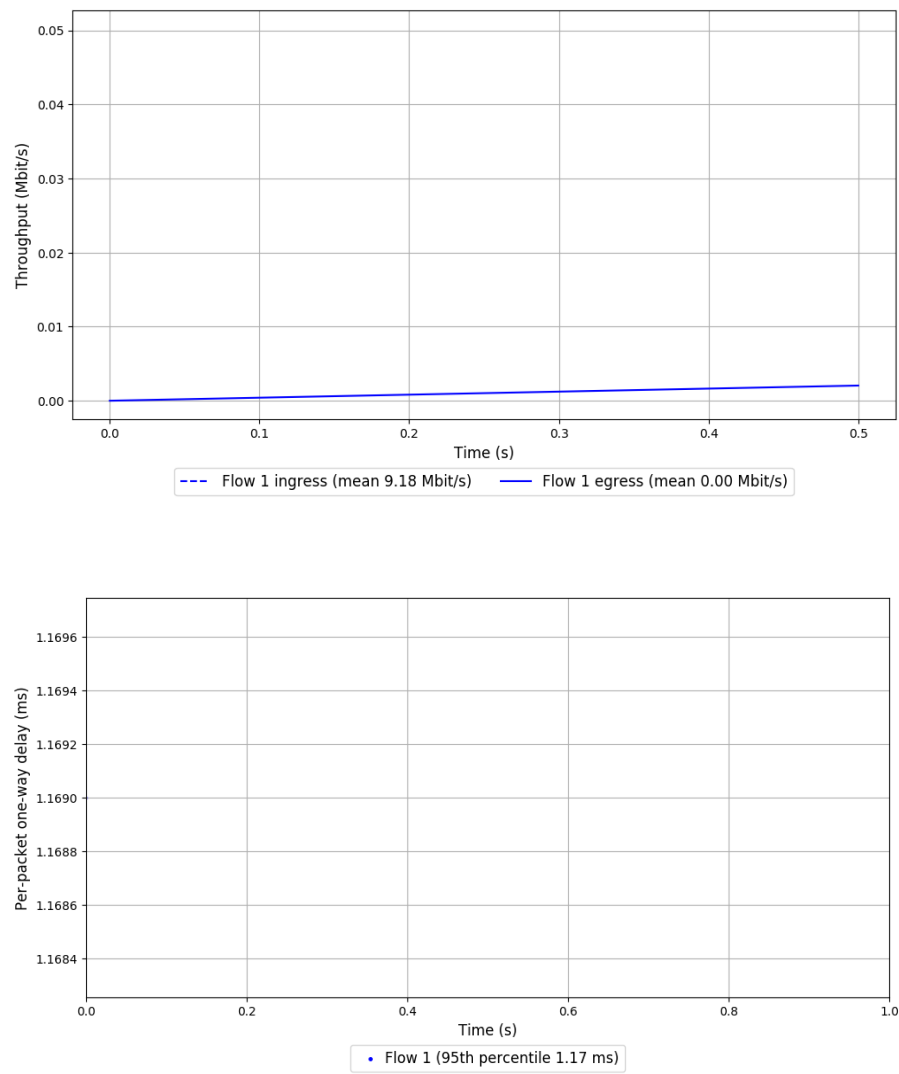
Start at: 2019-01-17 08:46:35

End at: 2019-01-17 08:47:05

Local clock offset: 4.017 ms

Remote clock offset: -0.038 ms

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

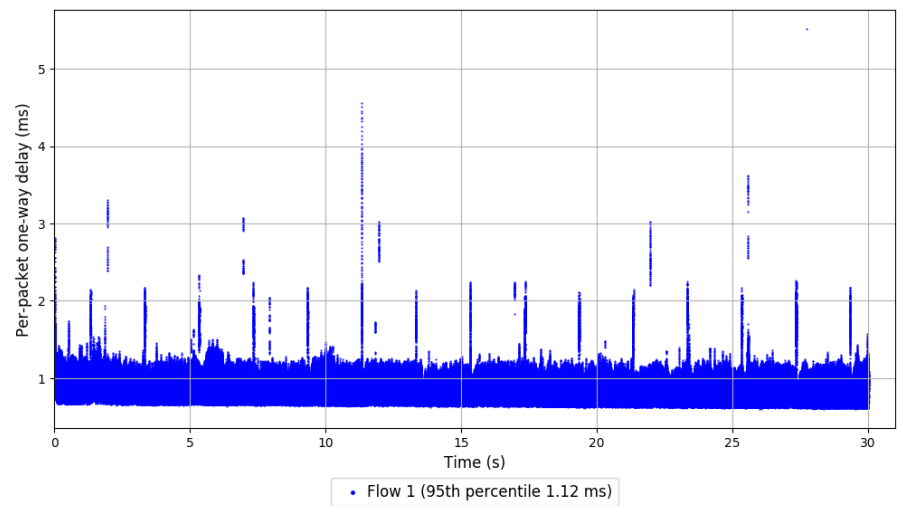
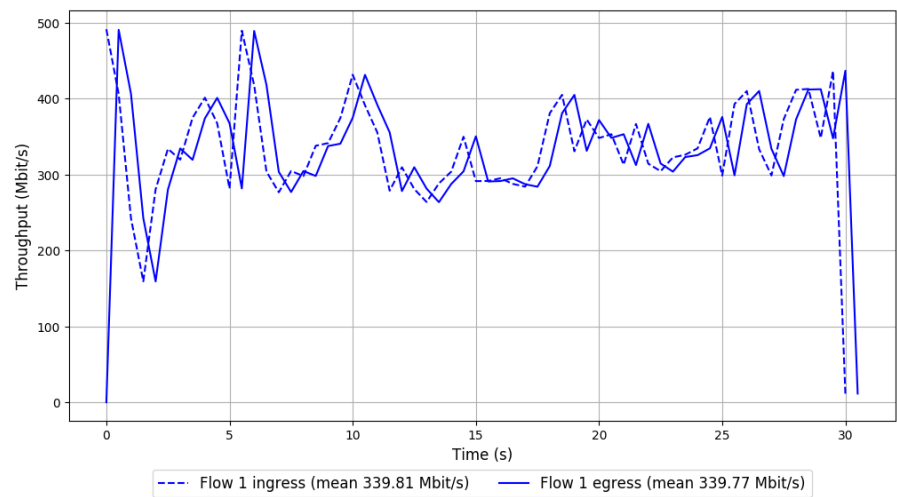


Run 1: Statistics of TCP Vegas

Start at: 2019-01-17 06:43:24
End at: 2019-01-17 06:43:54
Local clock offset: -0.419 ms
Remote clock offset: -0.771 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 339.77 Mbit/s
95th percentile per-packet one-way delay: 1.123 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 339.77 Mbit/s
95th percentile per-packet one-way delay: 1.123 ms
Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link

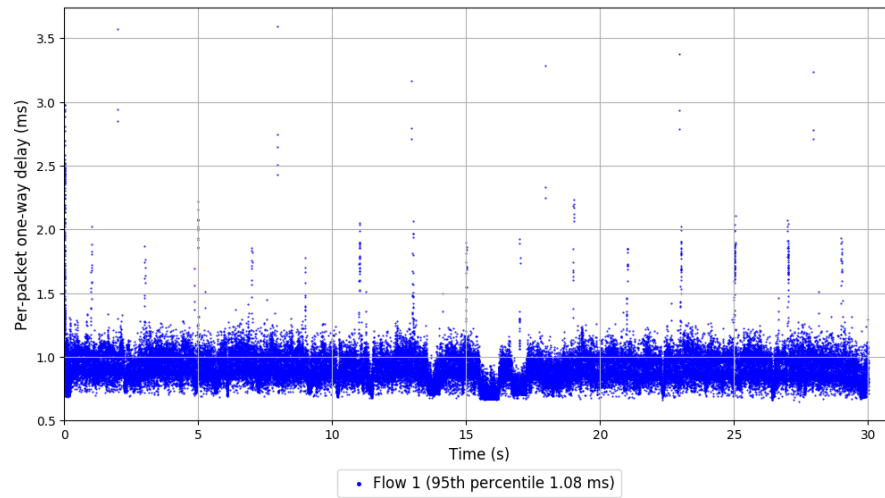
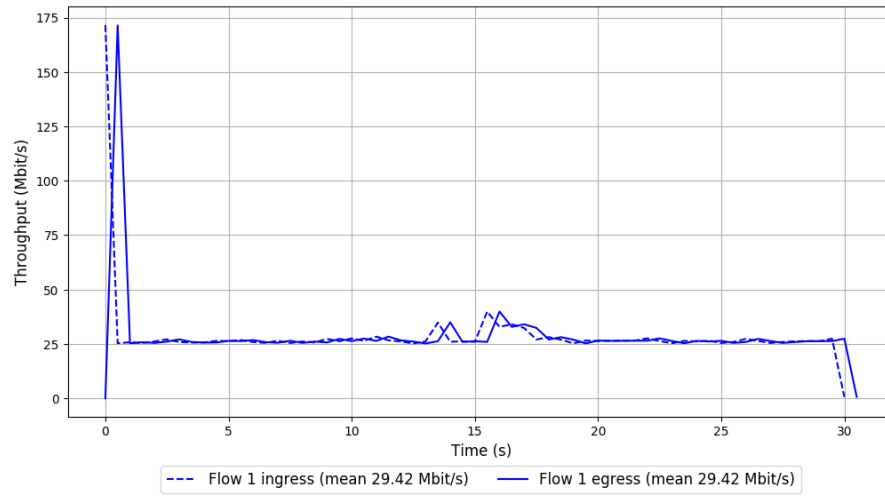


Run 2: Statistics of TCP Vegas

Start at: 2019-01-17 07:12:14
End at: 2019-01-17 07:12:44
Local clock offset: -3.653 ms
Remote clock offset: -0.369 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.42 Mbit/s
95th percentile per-packet one-way delay: 1.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 29.42 Mbit/s
95th percentile per-packet one-way delay: 1.083 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

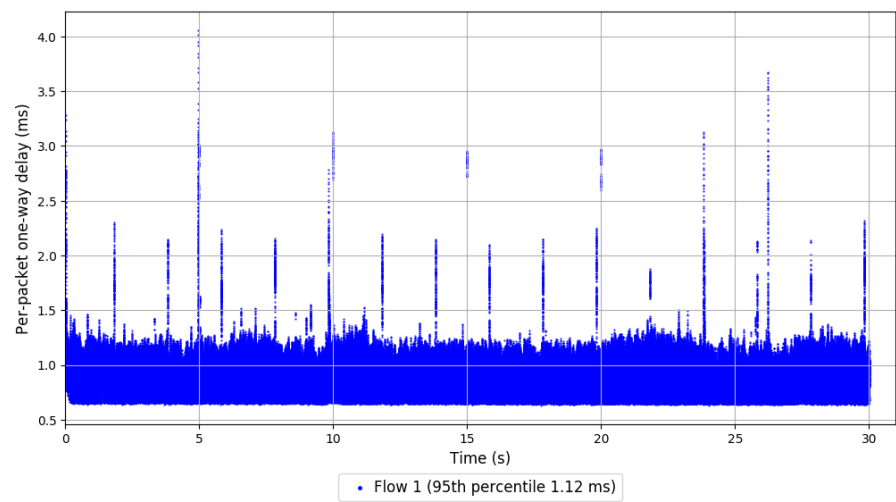
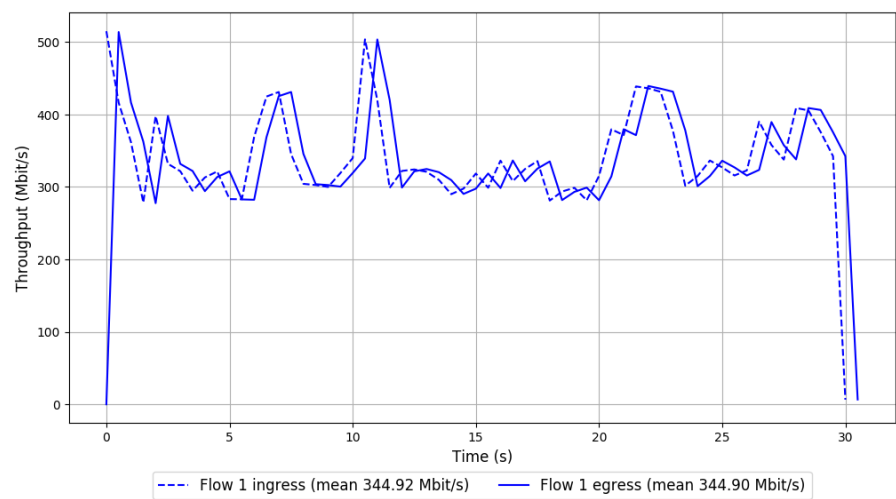


Run 3: Statistics of TCP Vegas

Start at: 2019-01-17 07:40:59
End at: 2019-01-17 07:41:29
Local clock offset: -3.441 ms
Remote clock offset: -0.236 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 344.90 Mbit/s
95th percentile per-packet one-way delay: 1.123 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 344.90 Mbit/s
95th percentile per-packet one-way delay: 1.123 ms
Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link

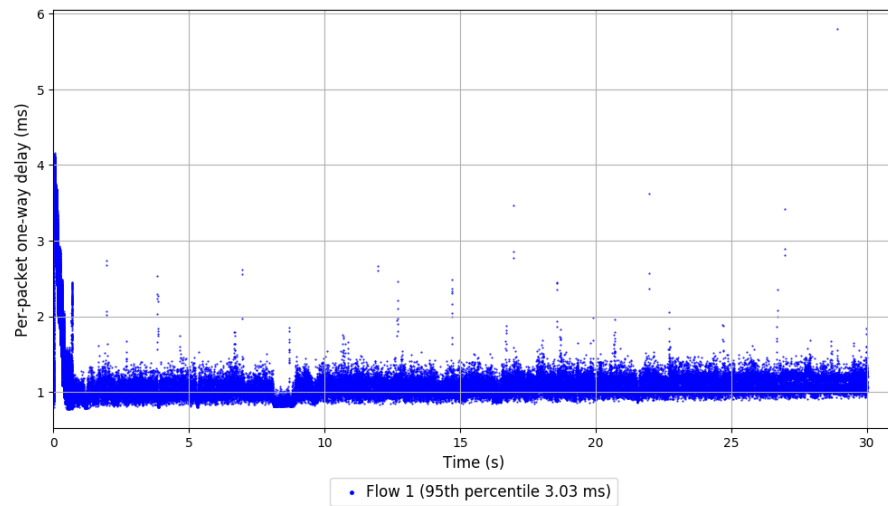
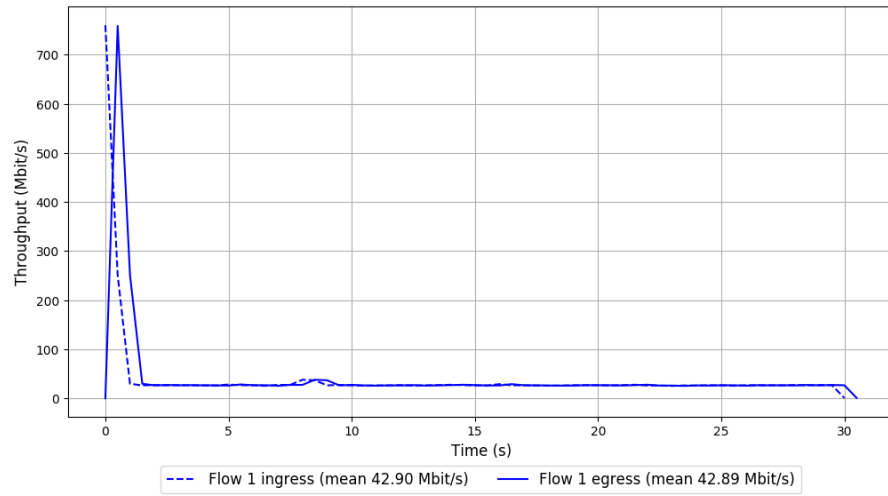


Run 4: Statistics of TCP Vegas

Start at: 2019-01-17 08:09:51
End at: 2019-01-17 08:10:21
Local clock offset: 3.543 ms
Remote clock offset: -4.433 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.89 Mbit/s
95th percentile per-packet one-way delay: 3.026 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 42.89 Mbit/s
95th percentile per-packet one-way delay: 3.026 ms
Loss rate: 0.03%

Run 4: Report of TCP Vegas — Data Link

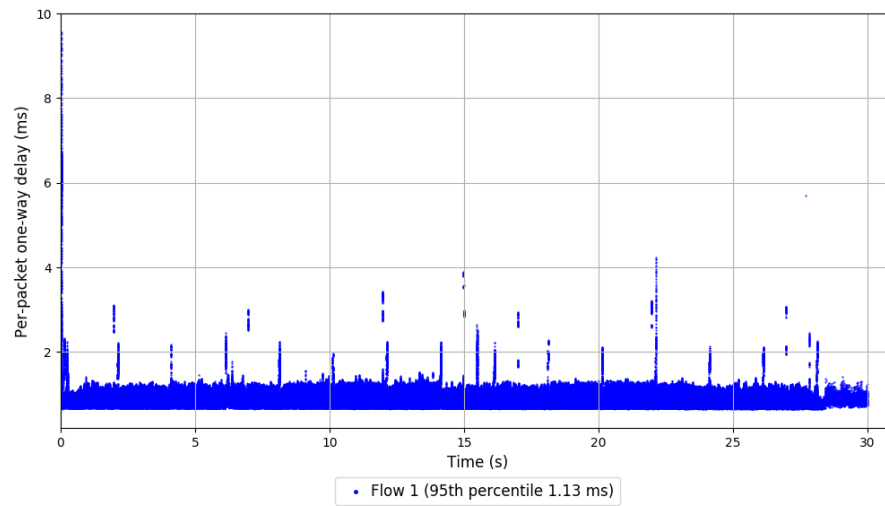
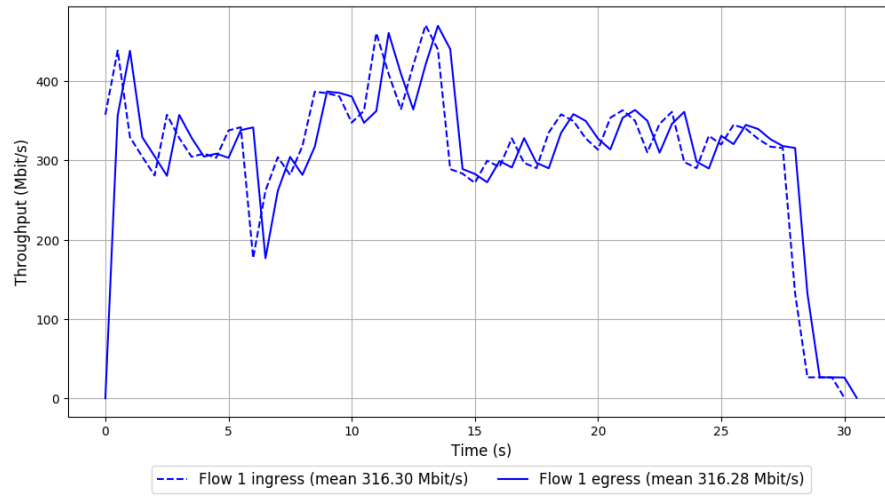


Run 5: Statistics of TCP Vegas

Start at: 2019-01-17 08:38:32
End at: 2019-01-17 08:39:02
Local clock offset: 3.836 ms
Remote clock offset: -0.462 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 316.28 Mbit/s
95th percentile per-packet one-way delay: 1.134 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 316.28 Mbit/s
95th percentile per-packet one-way delay: 1.134 ms
Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link

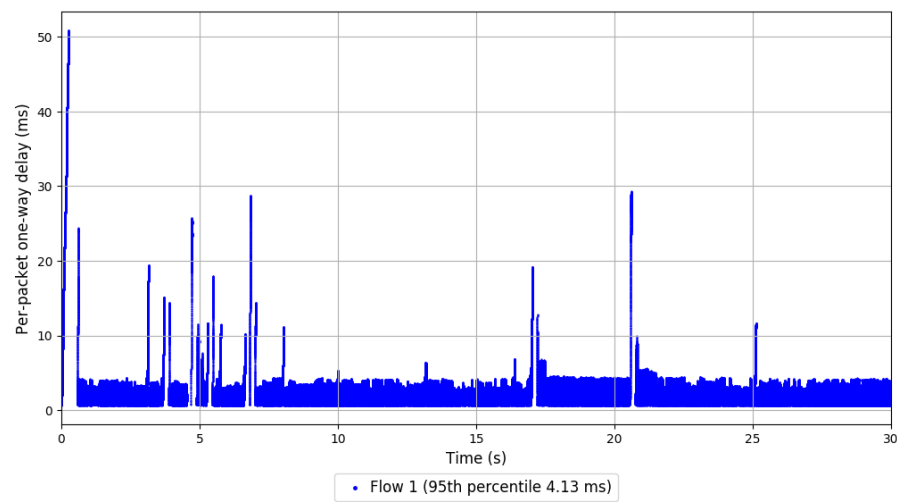
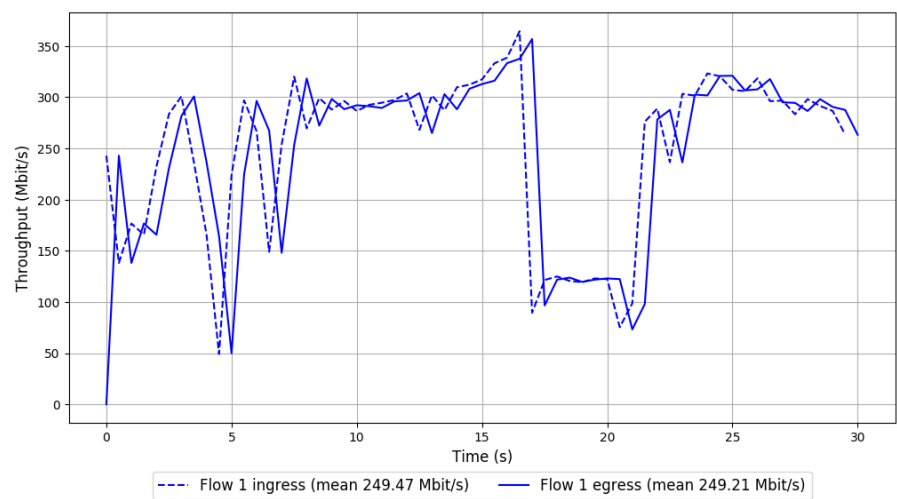


Run 1: Statistics of Verus

Start at: 2019-01-17 06:47:16
End at: 2019-01-17 06:47:47
Local clock offset: -0.616 ms
Remote clock offset: -0.621 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 249.21 Mbit/s
95th percentile per-packet one-way delay: 4.132 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 249.21 Mbit/s
95th percentile per-packet one-way delay: 4.132 ms
Loss rate: 0.10%

Run 1: Report of Verus — Data Link

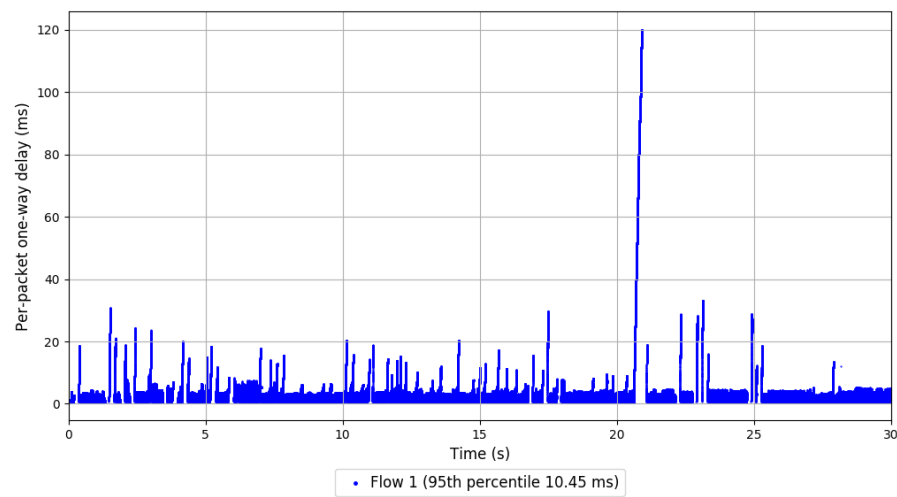
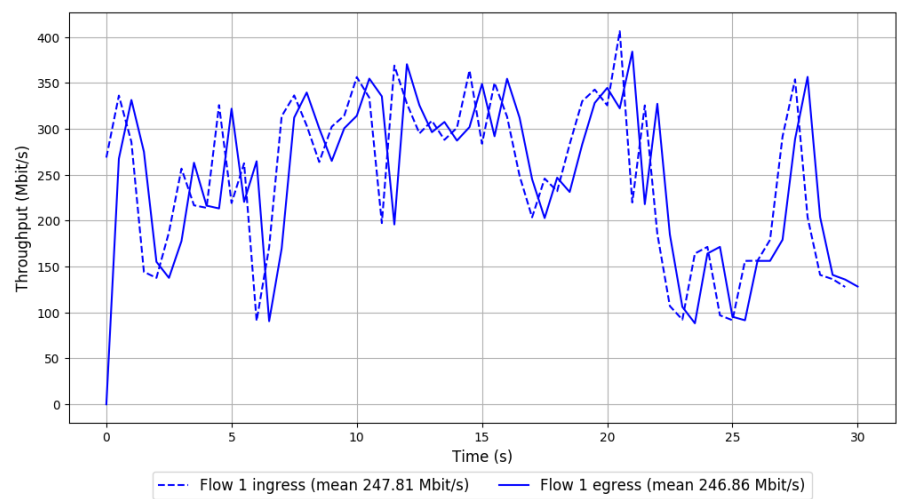


Run 2: Statistics of Verus

Start at: 2019-01-17 07:15:56
End at: 2019-01-17 07:16:26
Local clock offset: -3.896 ms
Remote clock offset: -0.319 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 246.86 Mbit/s
95th percentile per-packet one-way delay: 10.453 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 246.86 Mbit/s
95th percentile per-packet one-way delay: 10.453 ms
Loss rate: 0.38%

Run 2: Report of Verus — Data Link

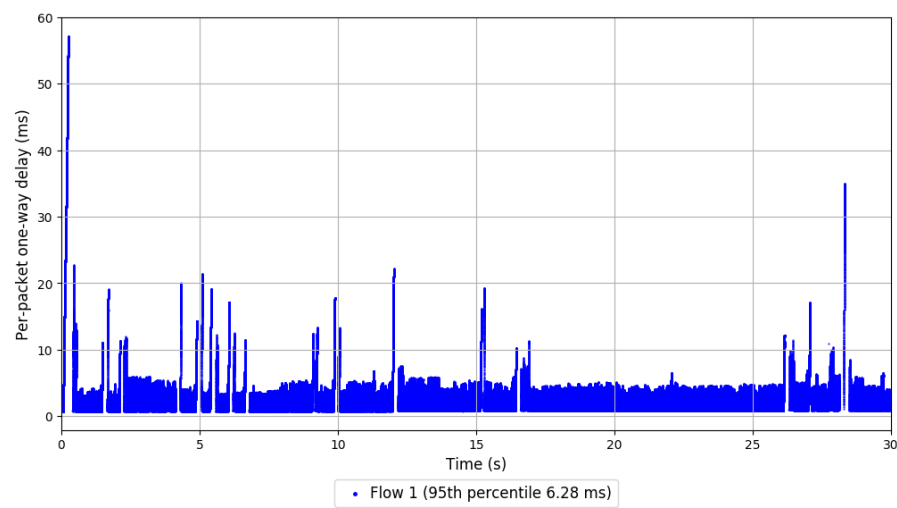
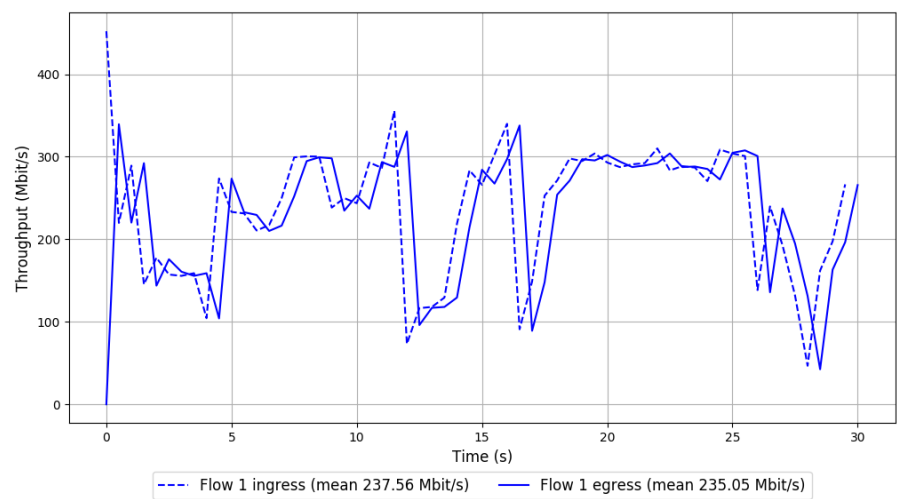


Run 3: Statistics of Verus

Start at: 2019-01-17 07:44:53
End at: 2019-01-17 07:45:23
Local clock offset: -3.526 ms
Remote clock offset: -0.461 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 235.05 Mbit/s
95th percentile per-packet one-way delay: 6.276 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 235.05 Mbit/s
95th percentile per-packet one-way delay: 6.276 ms
Loss rate: 1.06%

Run 3: Report of Verus — Data Link

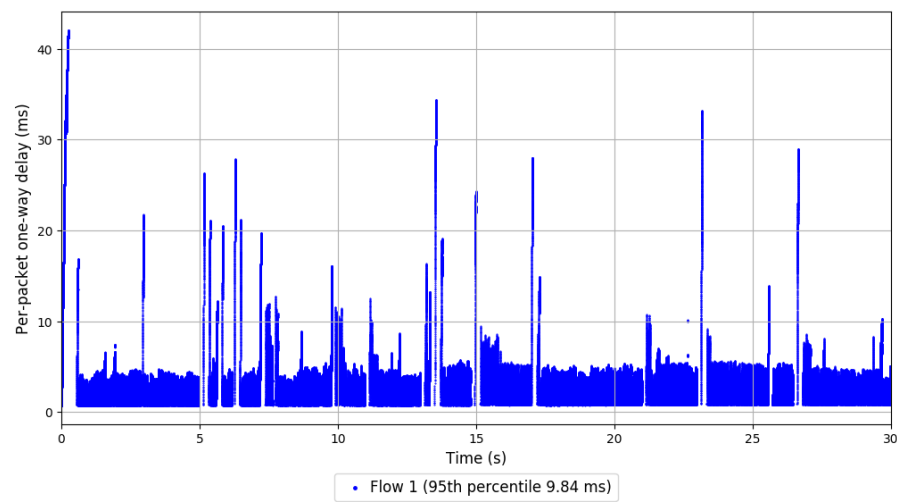
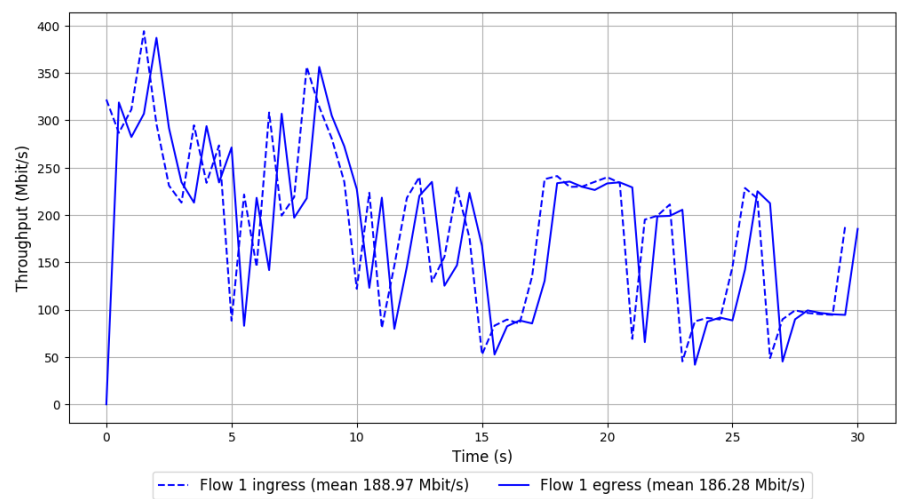


Run 4: Statistics of Verus

Start at: 2019-01-17 08:13:34
End at: 2019-01-17 08:14:04
Local clock offset: 4.1 ms
Remote clock offset: -4.723 ms

Below is generated by plot.py at 2019-01-17 09:44:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 186.28 Mbit/s
95th percentile per-packet one-way delay: 9.836 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 186.28 Mbit/s
95th percentile per-packet one-way delay: 9.836 ms
Loss rate: 1.43%

Run 4: Report of Verus — Data Link

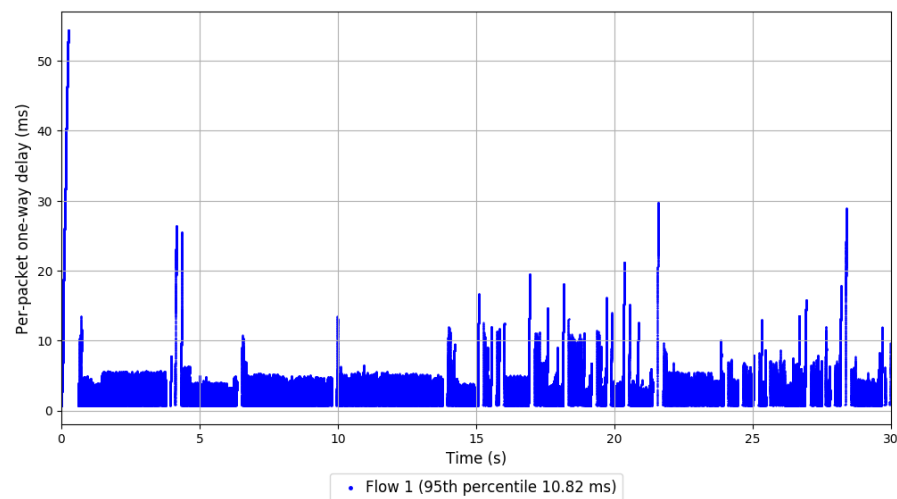
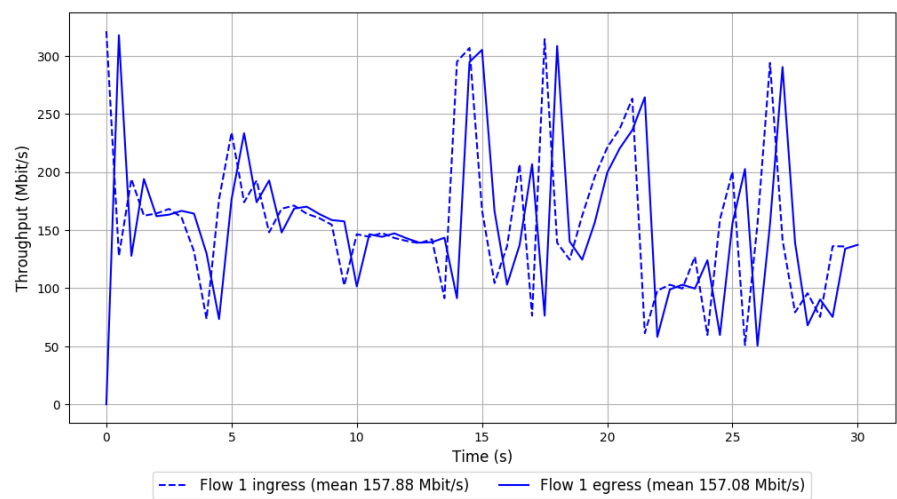


Run 5: Statistics of Verus

Start at: 2019-01-17 08:42:24
End at: 2019-01-17 08:42:54
Local clock offset: 3.912 ms
Remote clock offset: -0.257 ms

Below is generated by plot.py at 2019-01-17 09:45:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 157.08 Mbit/s
95th percentile per-packet one-way delay: 10.822 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 157.08 Mbit/s
95th percentile per-packet one-way delay: 10.822 ms
Loss rate: 0.51%

Run 5: Report of Verus — Data Link

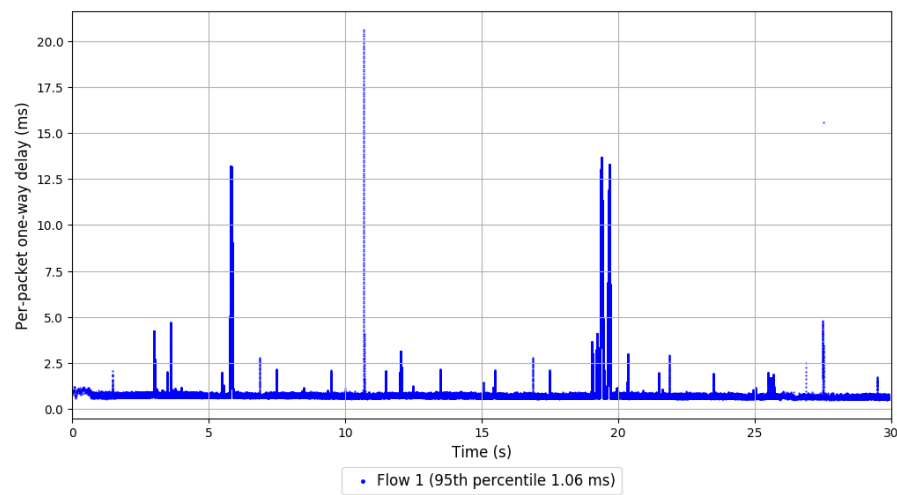
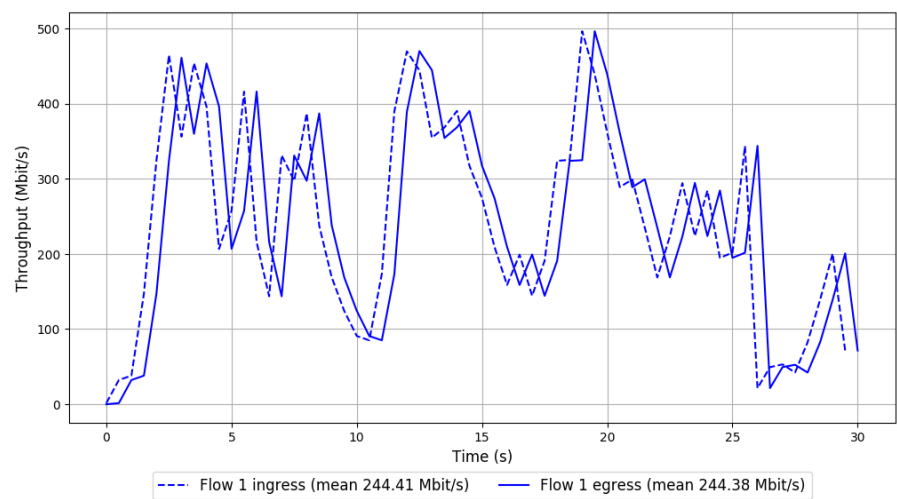


Run 1: Statistics of PCC-Vivace

Start at: 2019-01-17 06:54:08
End at: 2019-01-17 06:54:39
Local clock offset: -1.659 ms
Remote clock offset: -0.452 ms

Below is generated by plot.py at 2019-01-17 09:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 244.38 Mbit/s
95th percentile per-packet one-way delay: 1.056 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 244.38 Mbit/s
95th percentile per-packet one-way delay: 1.056 ms
Loss rate: 0.01%

Run 1: Report of PCC-Vivace — Data Link

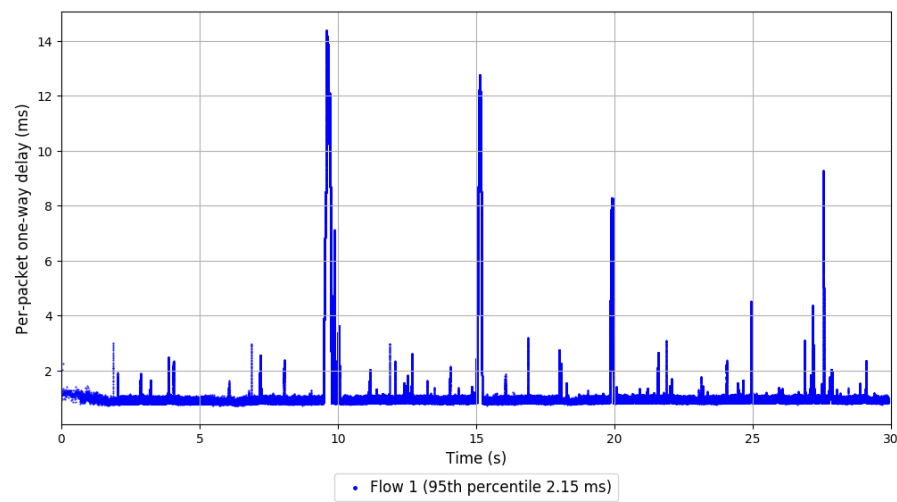
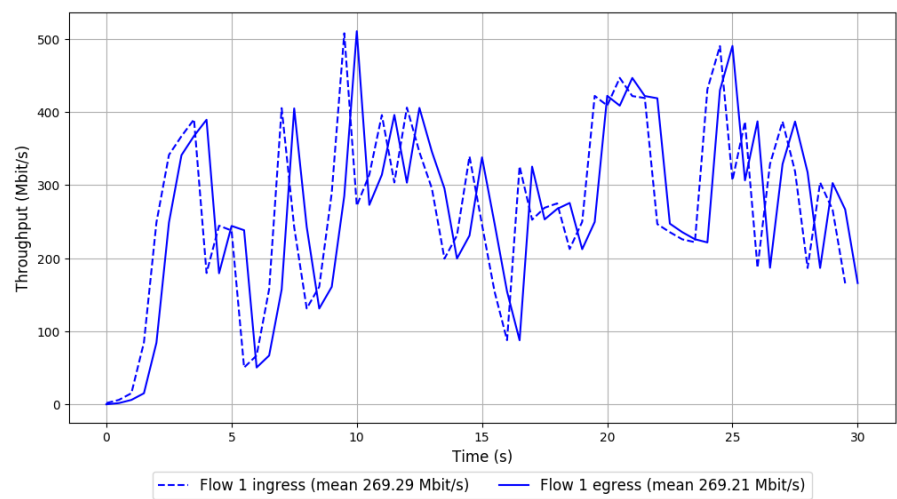


Run 2: Statistics of PCC-Vivace

Start at: 2019-01-17 07:22:46
End at: 2019-01-17 07:23:16
Local clock offset: -3.863 ms
Remote clock offset: -0.237 ms

Below is generated by plot.py at 2019-01-17 09:46:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 269.21 Mbit/s
95th percentile per-packet one-way delay: 2.151 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 269.21 Mbit/s
95th percentile per-packet one-way delay: 2.151 ms
Loss rate: 0.03%

Run 2: Report of PCC-Vivace — Data Link

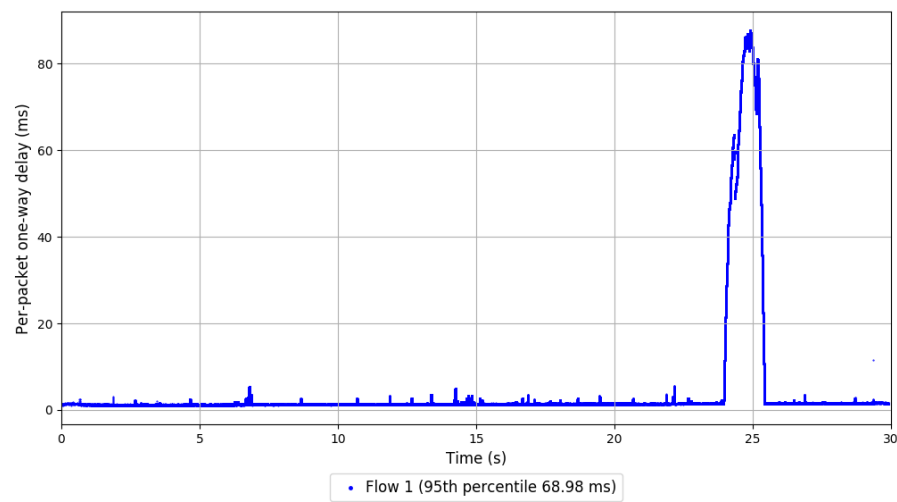
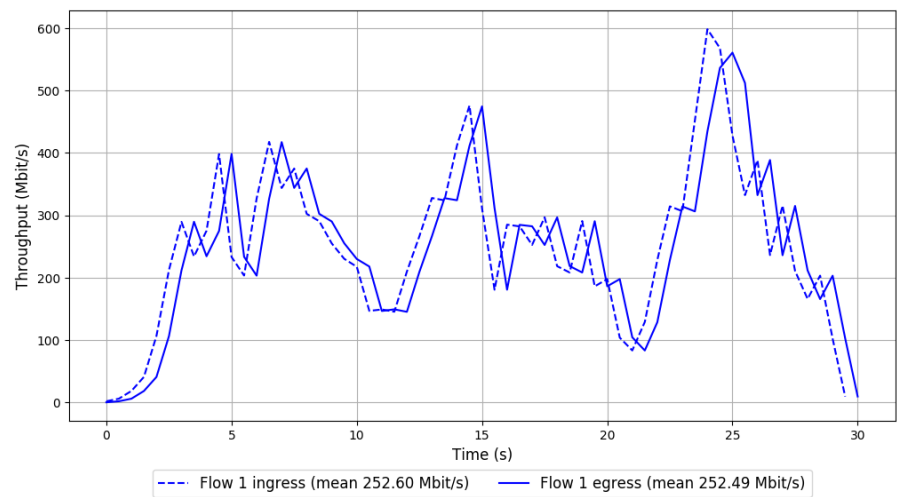


Run 3: Statistics of PCC-Vivace

Start at: 2019-01-17 07:51:42
End at: 2019-01-17 07:52:12
Local clock offset: -2.401 ms
Remote clock offset: -2.346 ms

Below is generated by plot.py at 2019-01-17 09:46:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 252.49 Mbit/s
95th percentile per-packet one-way delay: 68.978 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 252.49 Mbit/s
95th percentile per-packet one-way delay: 68.978 ms
Loss rate: 0.04%

Run 3: Report of PCC-Vivace — Data Link

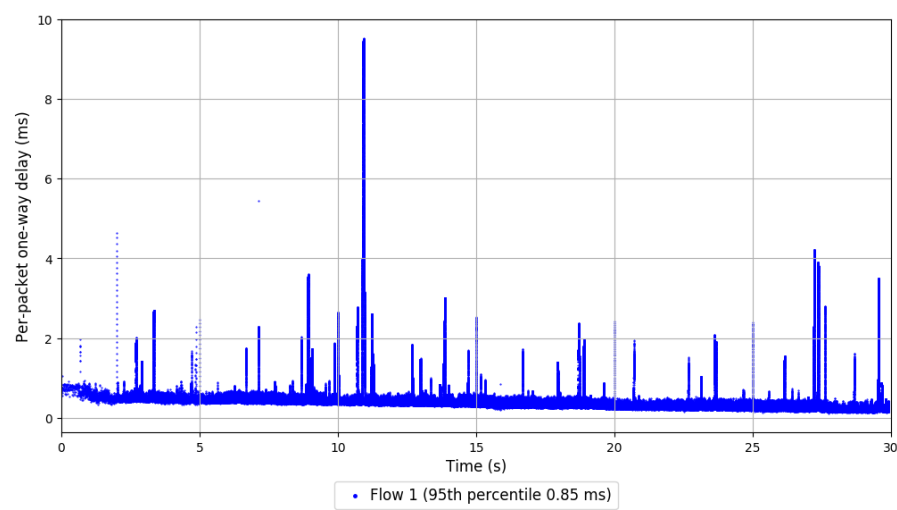
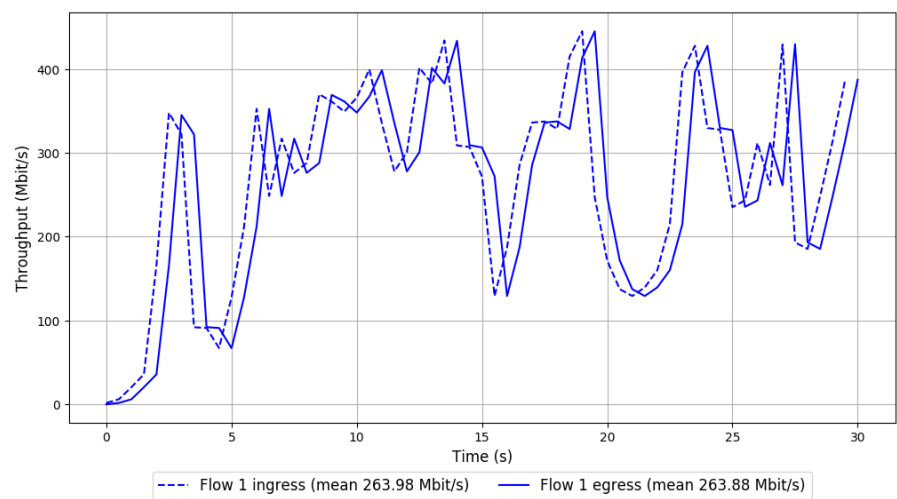


Run 4: Statistics of PCC-Vivace

Start at: 2019-01-17 08:20:20
End at: 2019-01-17 08:20:50
Local clock offset: 4.714 ms
Remote clock offset: -4.167 ms

Below is generated by plot.py at 2019-01-17 09:46:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 263.88 Mbit/s
95th percentile per-packet one-way delay: 0.852 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 263.88 Mbit/s
95th percentile per-packet one-way delay: 0.852 ms
Loss rate: 0.04%

Run 4: Report of PCC-Vivace — Data Link

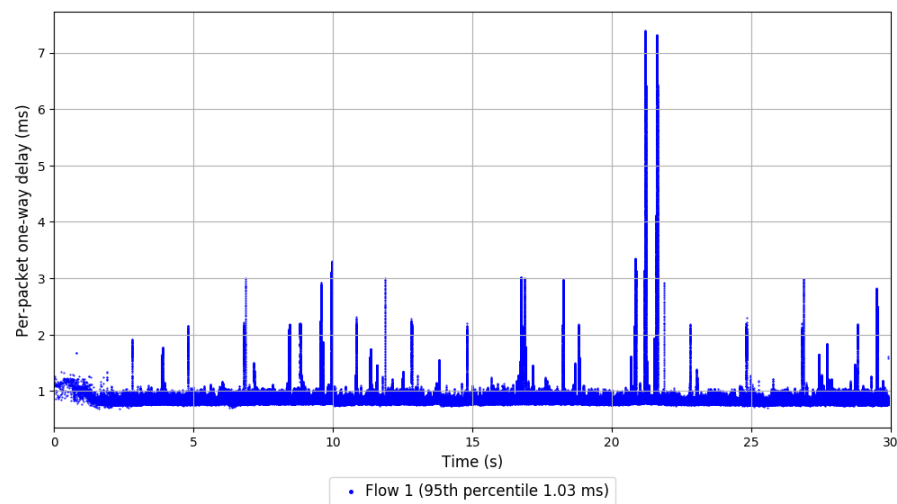
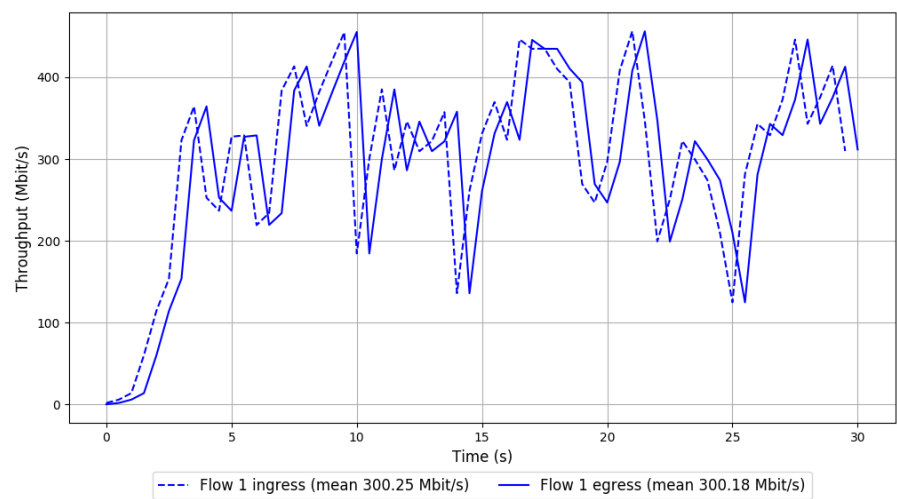


Run 5: Statistics of PCC-Vivace

Start at: 2019-01-17 08:49:12
End at: 2019-01-17 08:49:42
Local clock offset: 4.079 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2019-01-17 09:46:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 300.18 Mbit/s
95th percentile per-packet one-way delay: 1.030 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 300.18 Mbit/s
95th percentile per-packet one-way delay: 1.030 ms
Loss rate: 0.02%

Run 5: Report of PCC-Vivace — Data Link

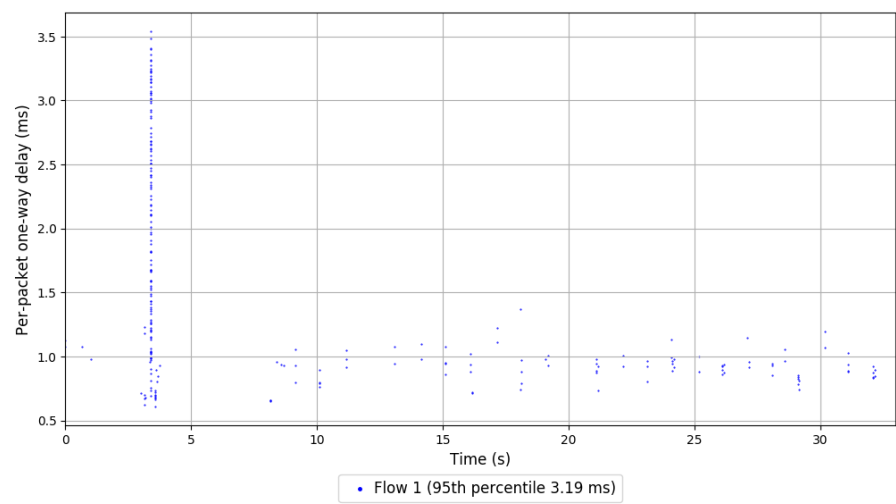
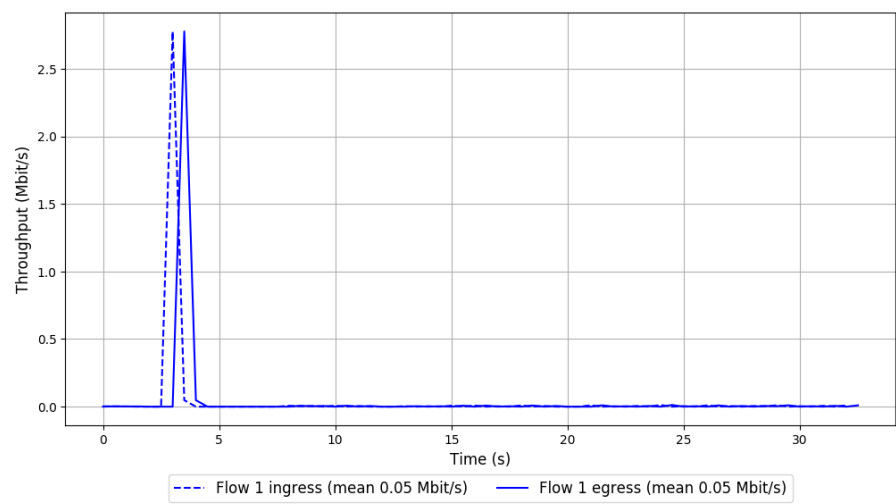


Run 1: Statistics of WebRTC media

Start at: 2019-01-17 06:32:25
End at: 2019-01-17 06:32:55
Local clock offset: 0.534 ms
Remote clock offset: -1.362 ms

Below is generated by plot.py at 2019-01-17 09:46:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.193 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.193 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

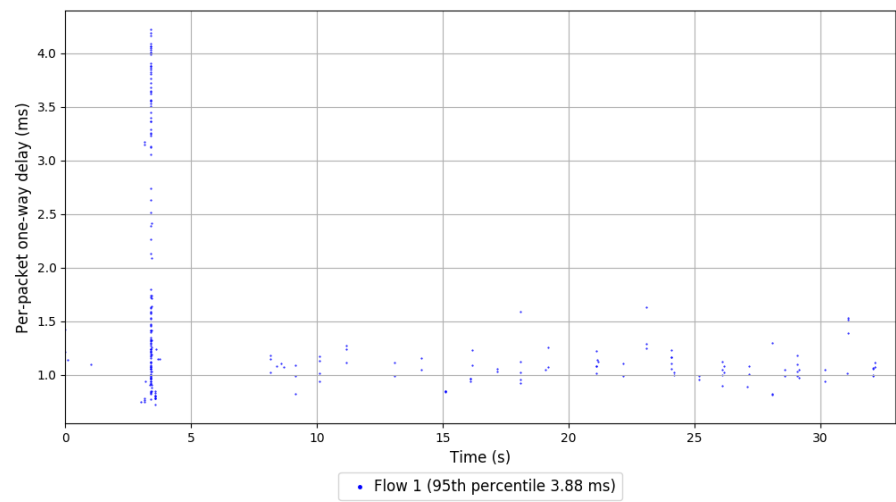
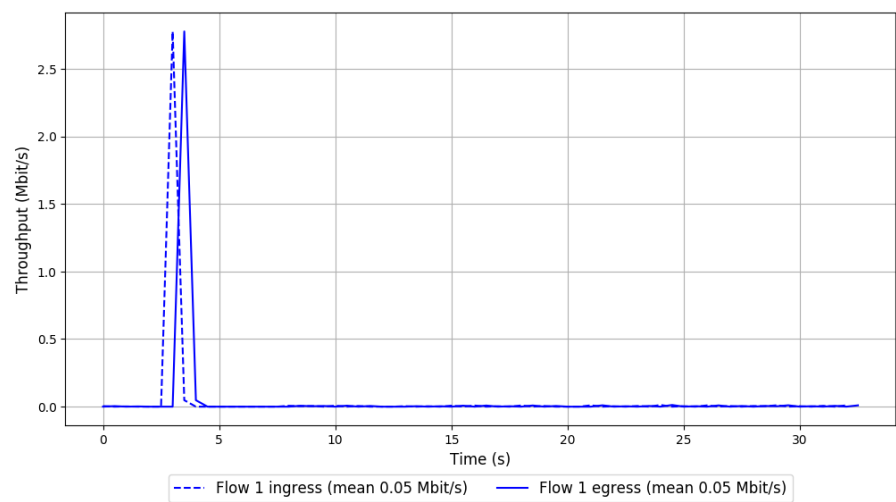


Run 2: Statistics of WebRTC media

Start at: 2019-01-17 07:01:18
End at: 2019-01-17 07:01:48
Local clock offset: -2.668 ms
Remote clock offset: -0.298 ms

Below is generated by plot.py at 2019-01-17 09:46:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.883 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.883 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-01-17 07:29:53

End at: 2019-01-17 07:30:23

Local clock offset: -3.516 ms

Remote clock offset: -0.18 ms

Below is generated by plot.py at 2019-01-17 09:46:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.416 ms

Loss rate: 0.00%

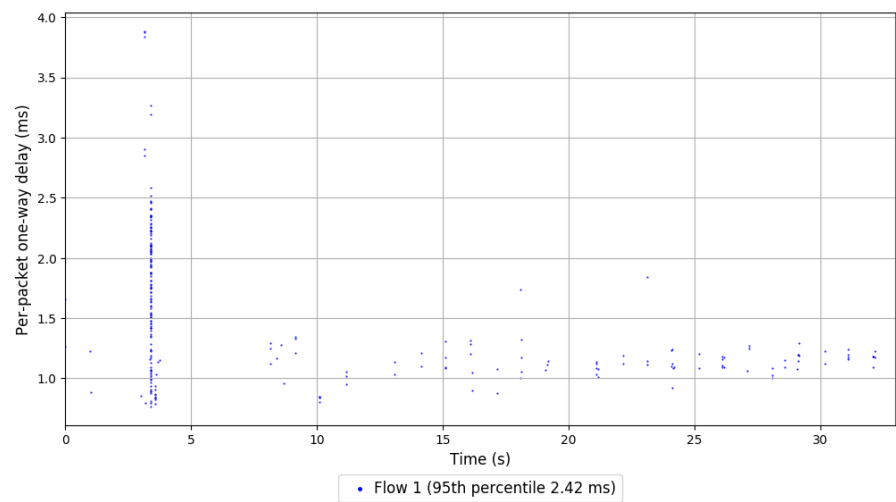
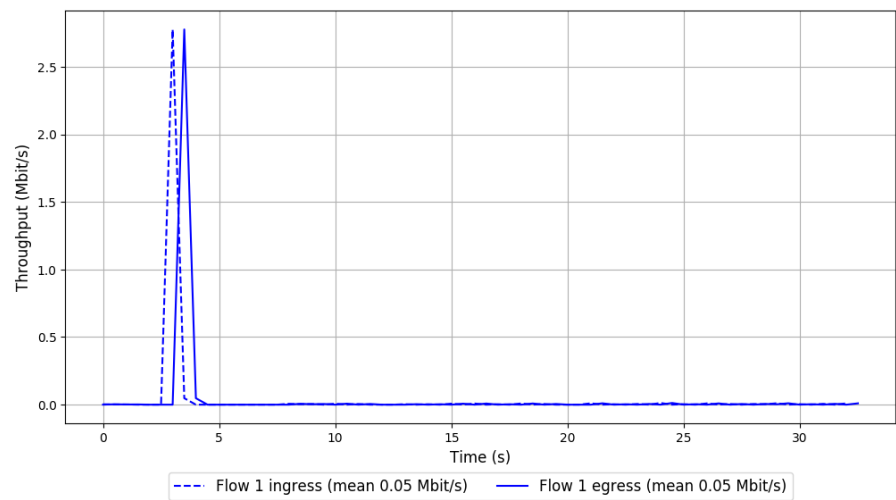
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.416 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

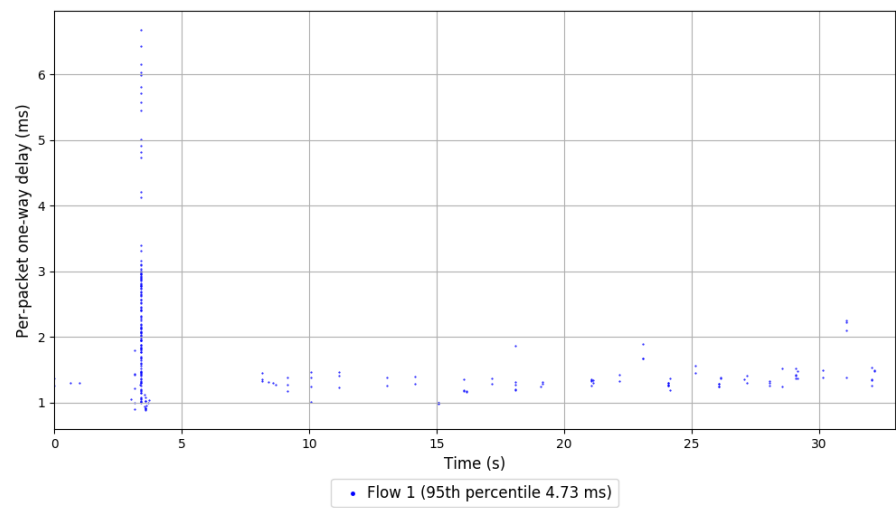
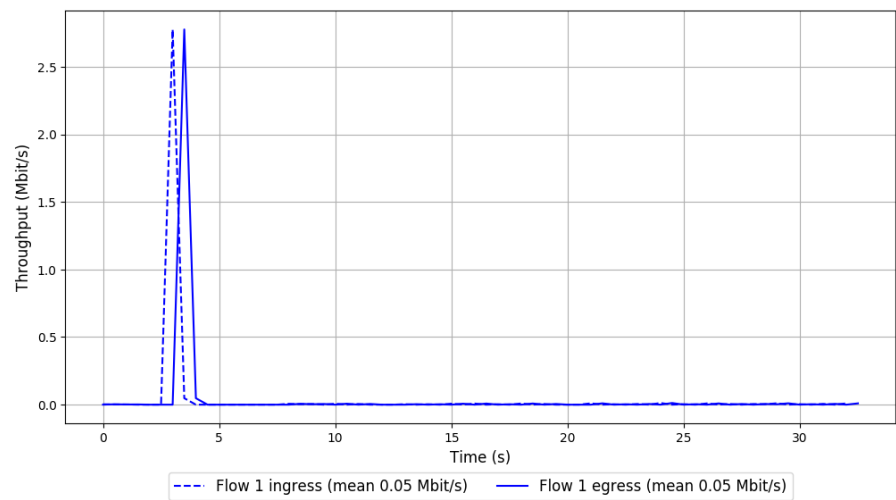


Run 4: Statistics of WebRTC media

Start at: 2019-01-17 07:58:48
End at: 2019-01-17 07:59:18
Local clock offset: 1.063 ms
Remote clock offset: -3.397 ms

Below is generated by plot.py at 2019-01-17 09:46:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.730 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.730 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-01-17 08:27:32
End at: 2019-01-17 08:28:02
Local clock offset: 3.935 ms
Remote clock offset: -1.826 ms

Below is generated by plot.py at 2019-01-17 09:46:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 5.863 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 5.863 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

