

Pantheon Report

Generated at 2019-02-05 05:35:56 (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:

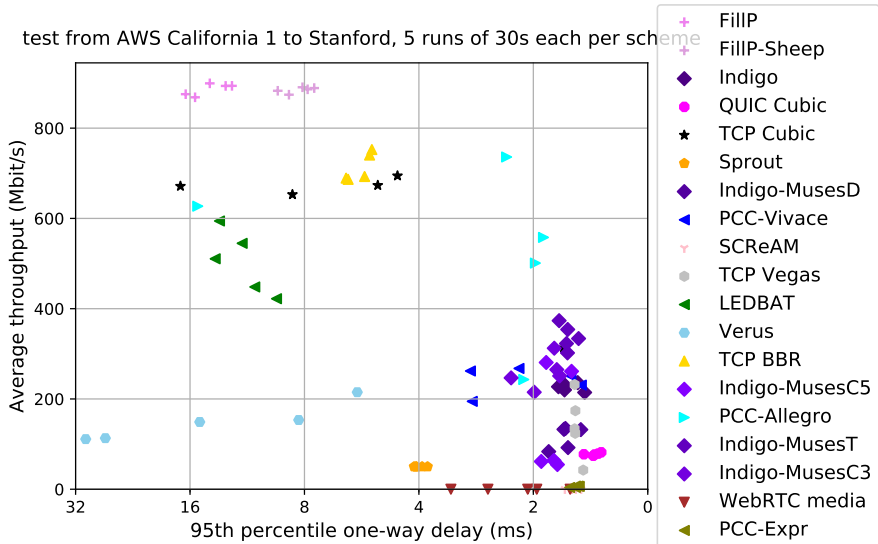
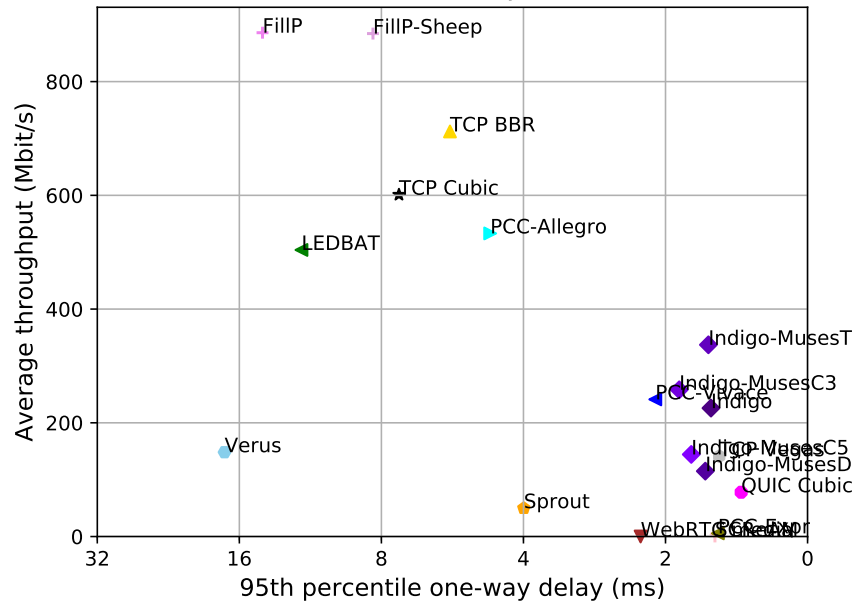
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 7a686f7c2ed0a333082c0bab1fa5c921ab47e6ee
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

test from AWS 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	712.36	5.72	0.11
Copa	0	N/A	N/A	N/A
TCP Cubic	5	601.09	7.34	0.09
FillP	5	886.00	14.29	3.74
FillP-Sheep	5	884.46	8.34	2.62
Indigo	5	225.86	1.36	0.01
Indigo-MusesC3	5	258.03	1.81	0.06
Indigo-MusesC5	5	144.39	1.64	0.18
Indigo-MusesD	5	115.00	1.44	0.03
Indigo-MusesT	5	337.18	1.40	0.02
LEDBAT	5	503.97	11.82	0.09
PCC-Allegro	5	533.03	4.70	0.15
PCC-Expr	5	5.59	1.26	13.15
QUIC Cubic	5	77.89	0.93	0.01
SCReAM	5	0.22	1.30	0.03
Sprout	5	49.92	3.99	0.20
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	141.22	1.24	0.02
Verus	5	148.32	17.20	1.64
PCC-Vivace	5	241.19	2.10	0.04
WebRTC media	5	0.05	2.26	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-02-05 02:23:42

End at: 2019-02-05 02:24:12

Local clock offset: 2.109 ms

Remote clock offset: 0.452 ms

Below is generated by plot.py at 2019-02-05 04:59:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 692.89 Mbit/s

95th percentile per-packet one-way delay: 5.558 ms

Loss rate: 0.17%

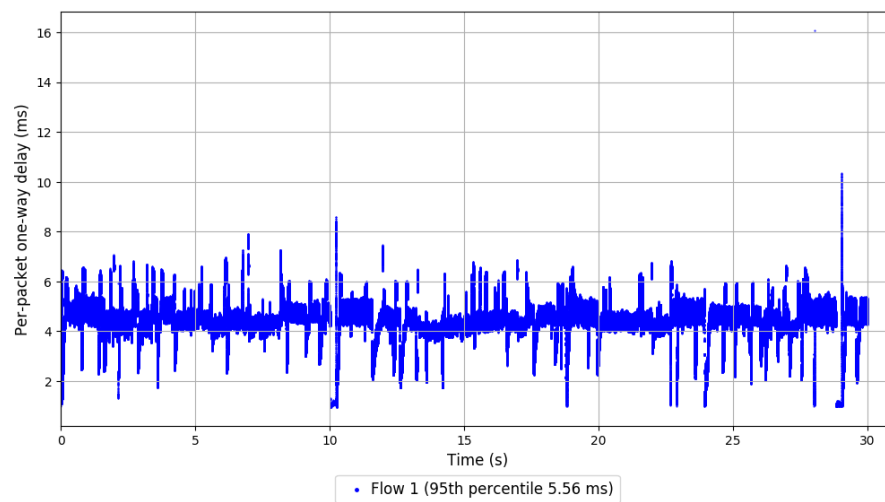
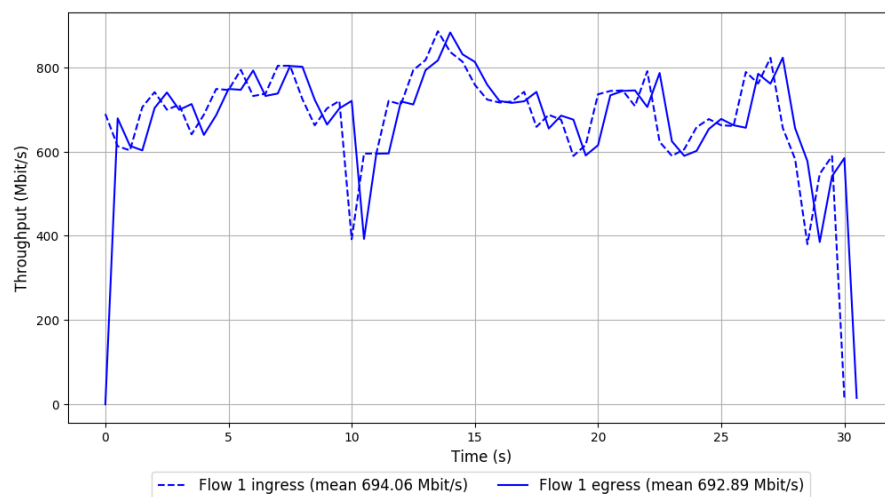
-- Flow 1:

Average throughput: 692.89 Mbit/s

95th percentile per-packet one-way delay: 5.558 ms

Loss rate: 0.17%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-02-05 02:52:43

End at: 2019-02-05 02:53:13

Local clock offset: 3.561 ms

Remote clock offset: 1.445 ms

Below is generated by plot.py at 2019-02-05 04:59:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 686.61 Mbit/s

95th percentile per-packet one-way delay: 6.140 ms

Loss rate: 0.07%

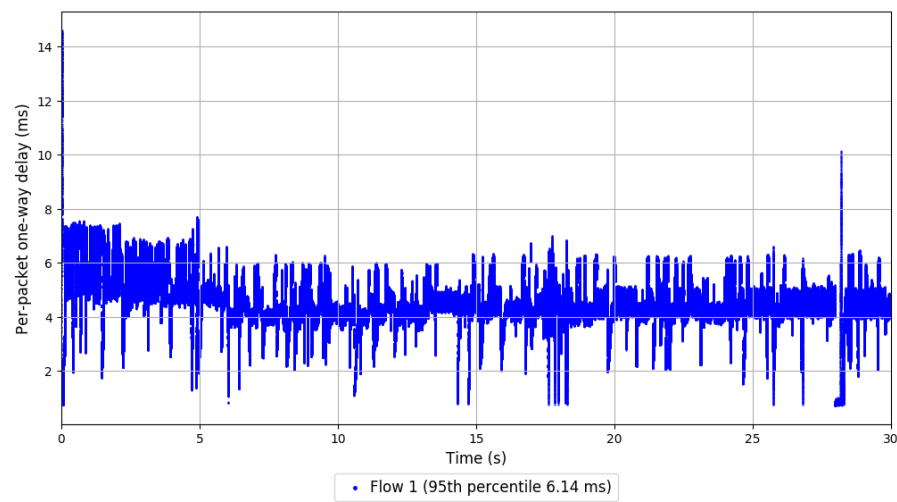
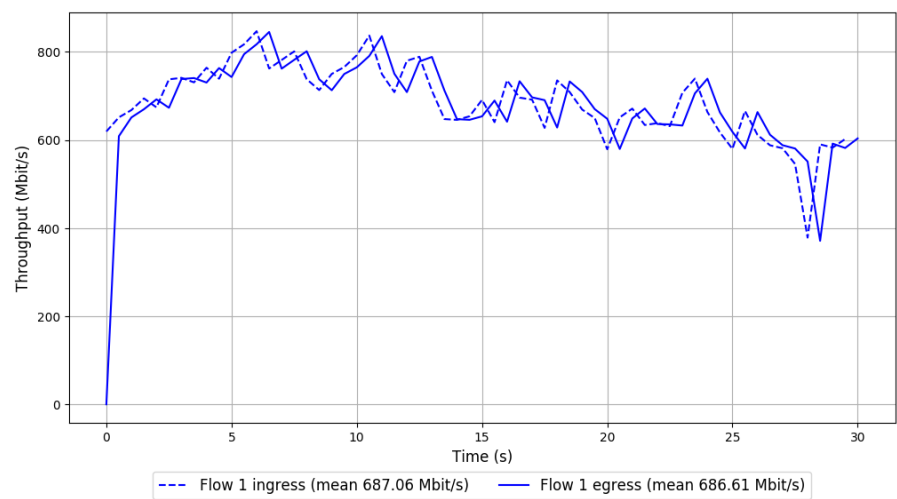
-- Flow 1:

Average throughput: 686.61 Mbit/s

95th percentile per-packet one-way delay: 6.140 ms

Loss rate: 0.07%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

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

End at: 2019-02-05 03:21:51

Local clock offset: 1.968 ms

Remote clock offset: -0.151 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 740.39 Mbit/s

95th percentile per-packet one-way delay: 5.392 ms

Loss rate: 0.09%

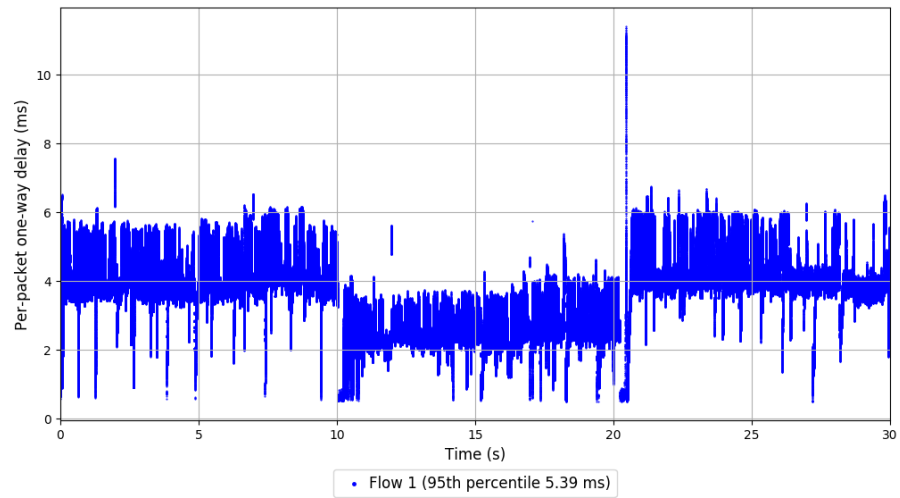
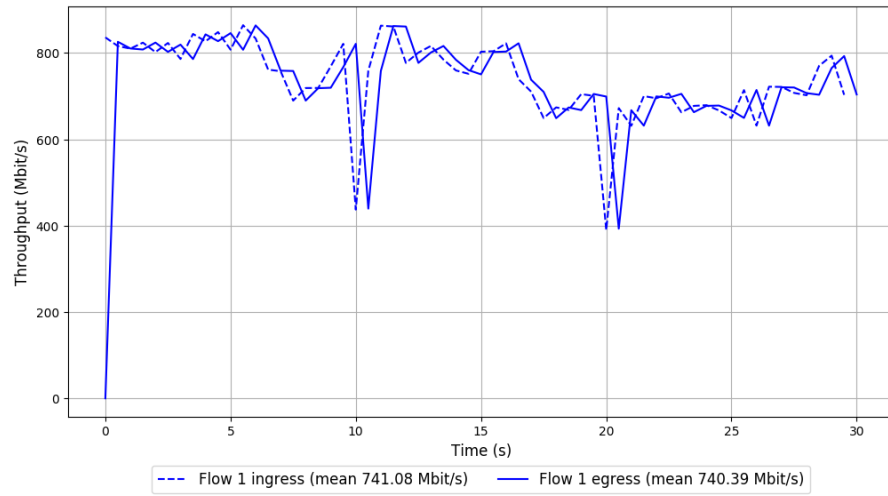
-- Flow 1:

Average throughput: 740.39 Mbit/s

95th percentile per-packet one-way delay: 5.392 ms

Loss rate: 0.09%

Run 3: Report of TCP BBR — Data Link

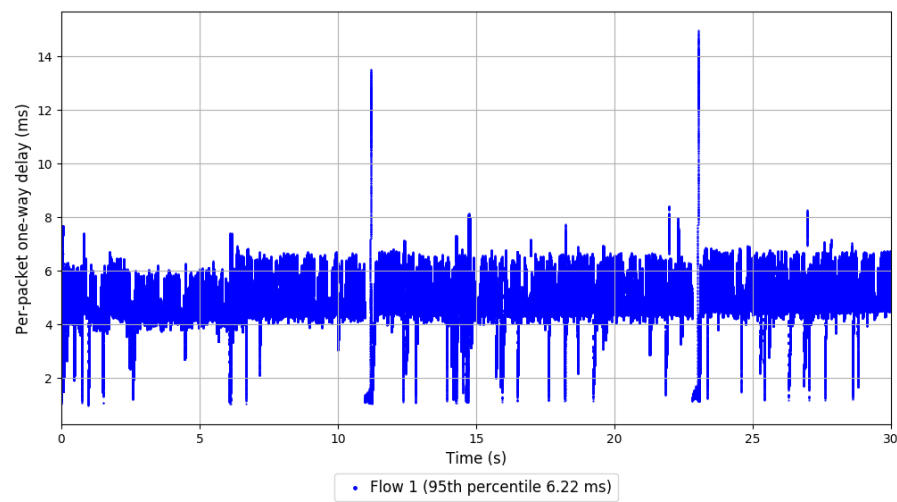
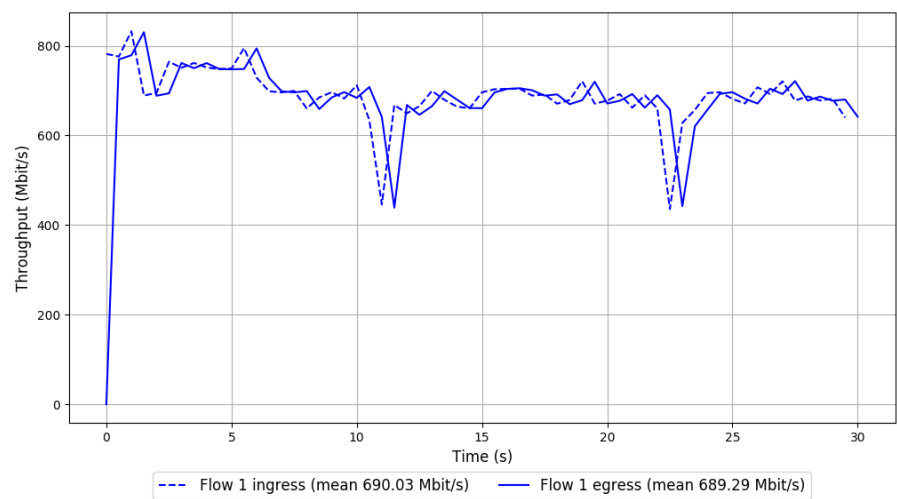


Run 4: Statistics of TCP BBR

Start at: 2019-02-05 03:49:47
End at: 2019-02-05 03:50:17
Local clock offset: 0.687 ms
Remote clock offset: -3.449 ms

Below is generated by plot.py at 2019-02-05 05:00:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 689.29 Mbit/s
95th percentile per-packet one-way delay: 6.216 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 689.29 Mbit/s
95th percentile per-packet one-way delay: 6.216 ms
Loss rate: 0.11%

Run 4: Report of TCP BBR — Data Link

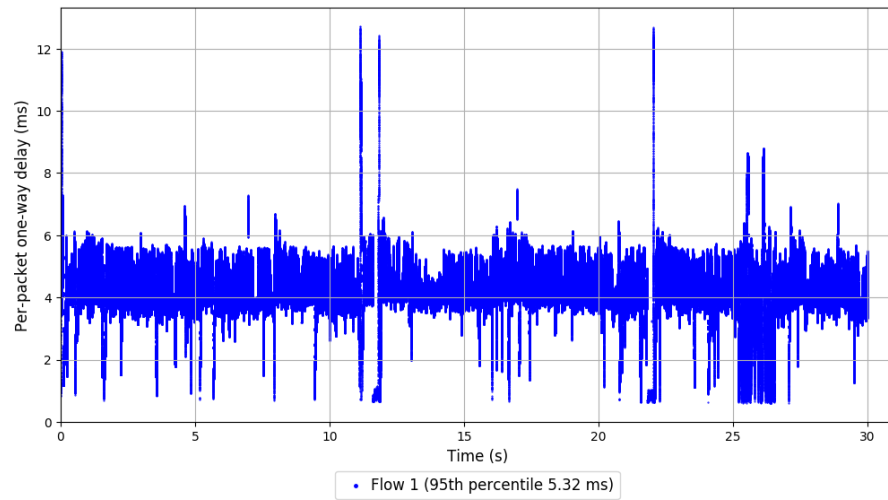
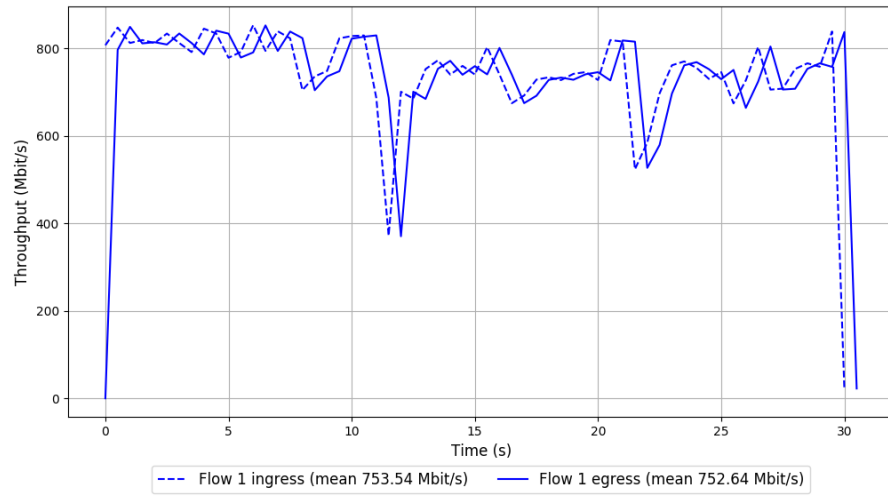


Run 5: Statistics of TCP BBR

Start at: 2019-02-05 04:18:35
End at: 2019-02-05 04:19:05
Local clock offset: 3.505 ms
Remote clock offset: -1.453 ms

Below is generated by plot.py at 2019-02-05 05:00:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 752.64 Mbit/s
95th percentile per-packet one-way delay: 5.318 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 752.64 Mbit/s
95th percentile per-packet one-way delay: 5.318 ms
Loss rate: 0.12%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

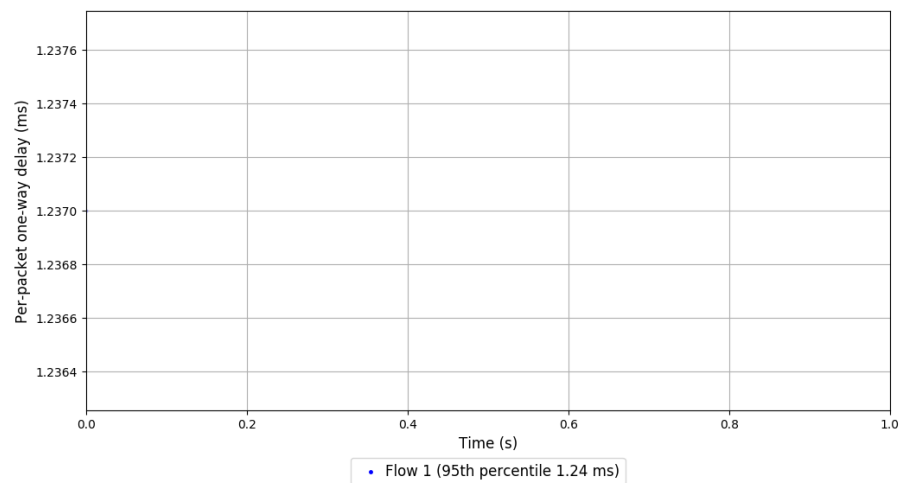
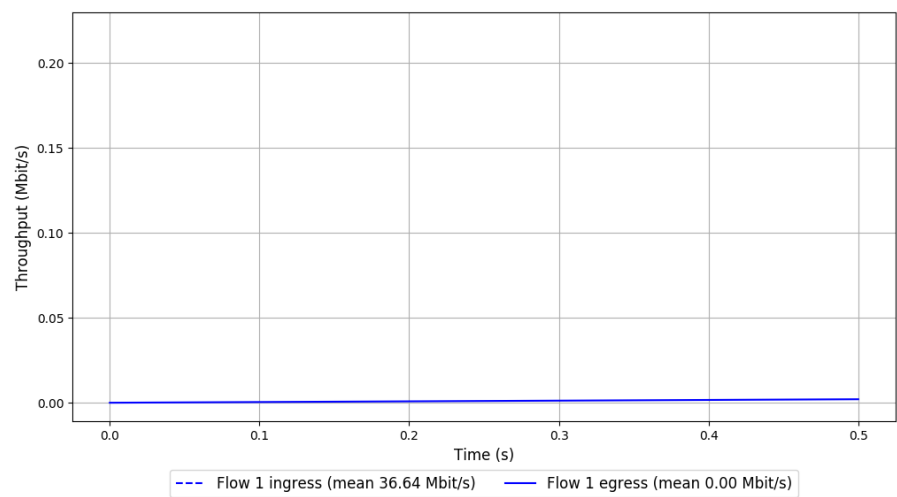
Start at: 2019-02-05 02:25:18

End at: 2019-02-05 02:25:48

Local clock offset: 2.335 ms

Remote clock offset: 0.427 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

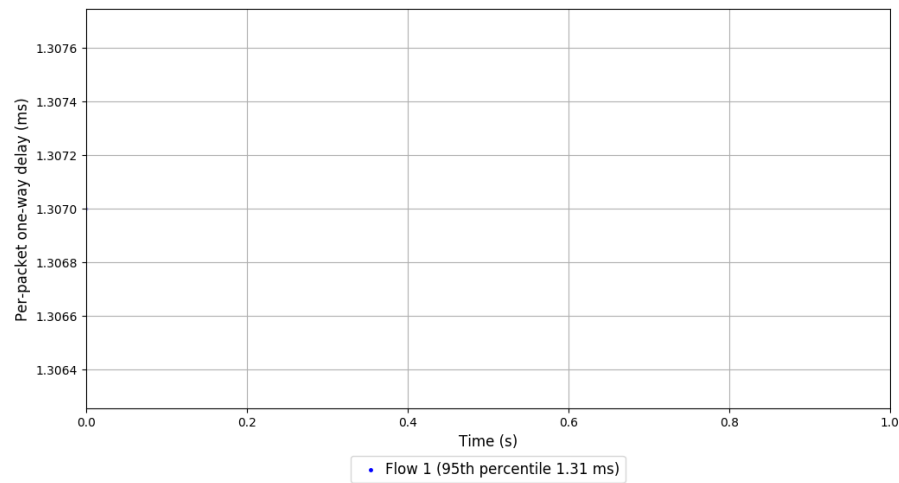
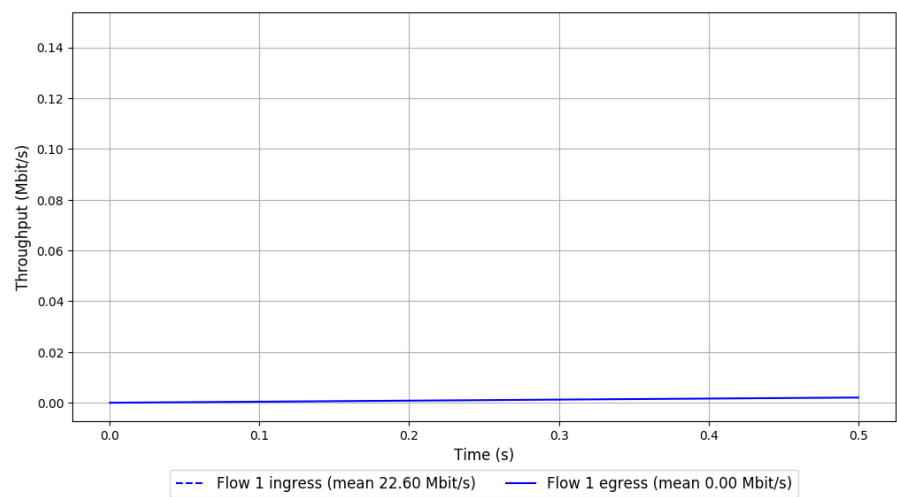
Start at: 2019-02-05 02:54:23

End at: 2019-02-05 02:54:53

Local clock offset: 3.53 ms

Remote clock offset: 1.542 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

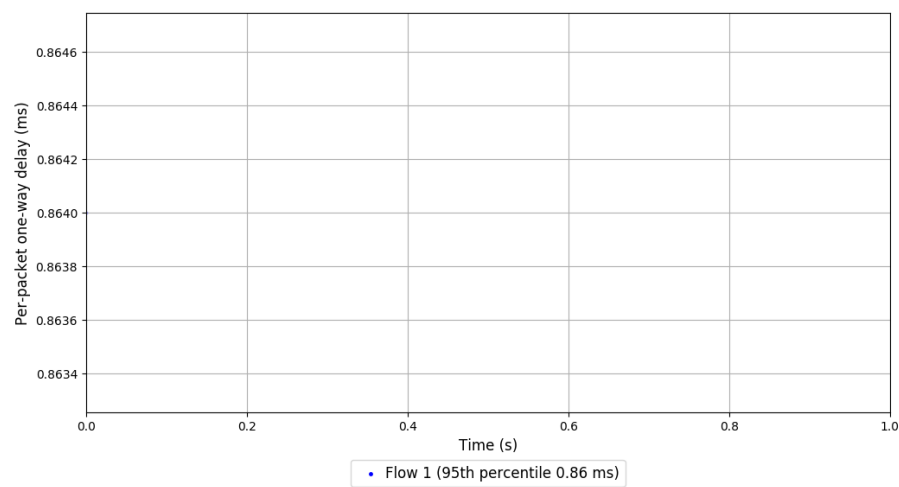
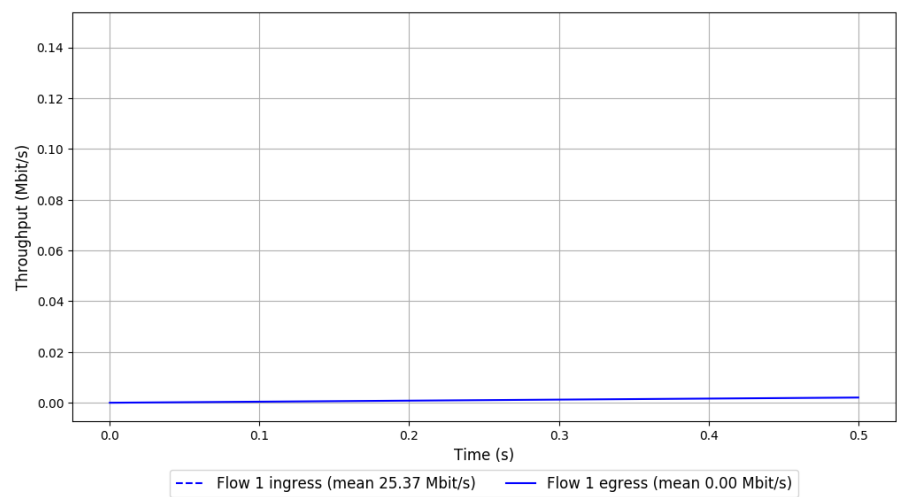
Start at: 2019-02-05 03:22:58

End at: 2019-02-05 03:23:28

Local clock offset: 1.538 ms

Remote clock offset: -0.128 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

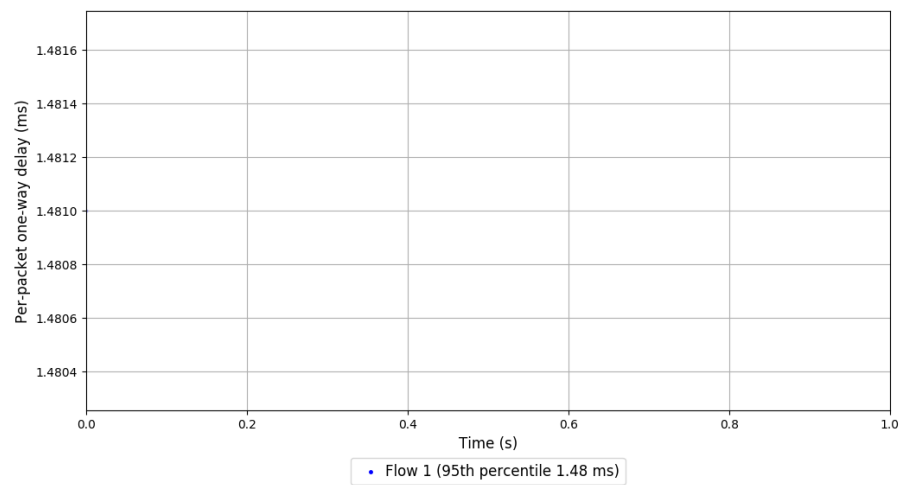
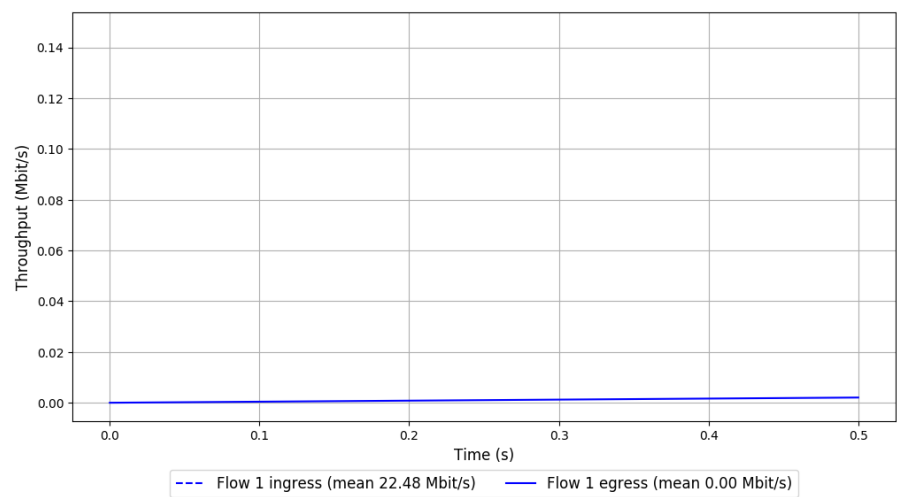
Start at: 2019-02-05 03:51:22

End at: 2019-02-05 03:51:52

Local clock offset: 1.085 ms

Remote clock offset: -3.623 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

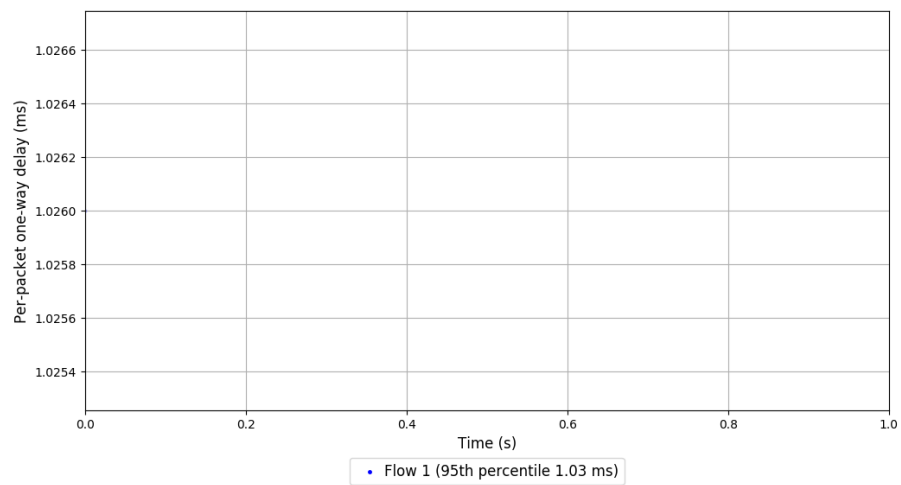
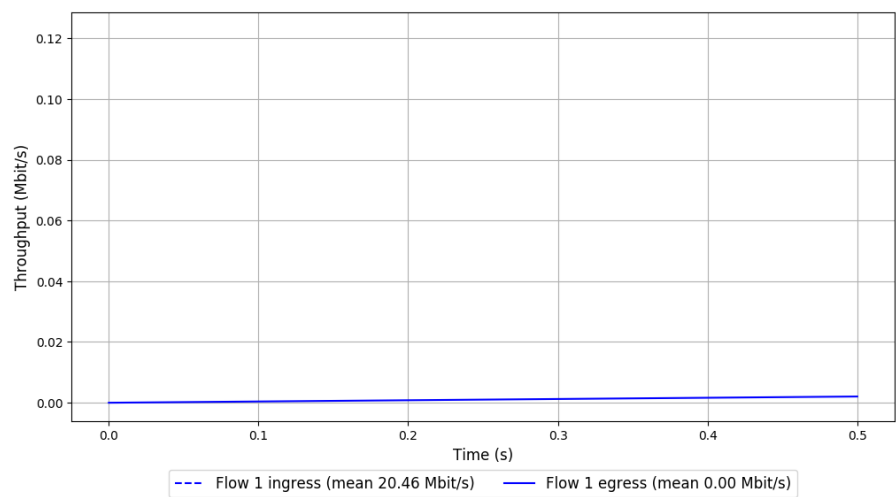
Start at: 2019-02-05 04:20:13

End at: 2019-02-05 04:20:43

Local clock offset: 3.433 ms

Remote clock offset: -1.246 ms

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-02-05 02:45:21

End at: 2019-02-05 02:45:51

Local clock offset: 3.895 ms

Remote clock offset: 1.165 ms

Below is generated by plot.py at 2019-02-05 05:00:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 671.43 Mbit/s

95th percentile per-packet one-way delay: 16.956 ms

Loss rate: 0.08%

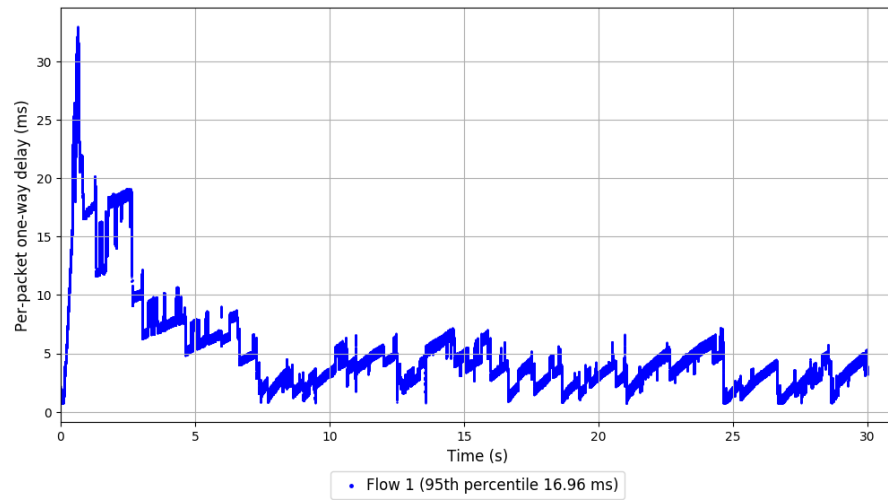
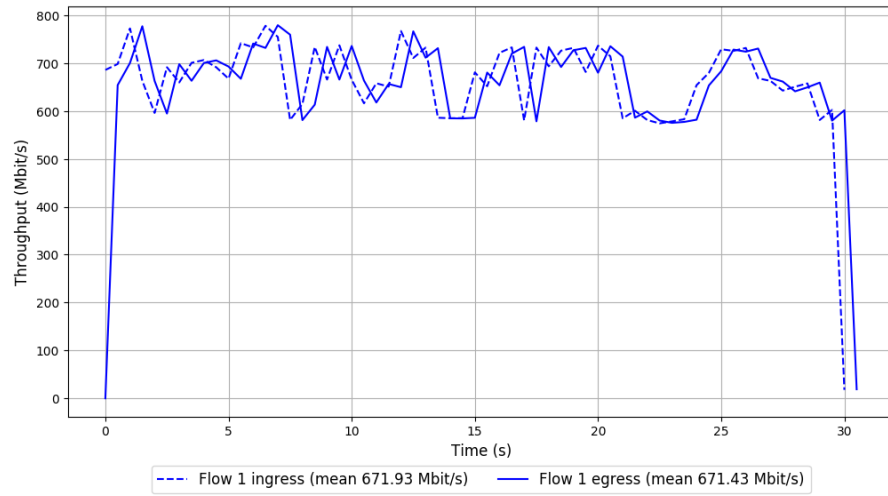
-- Flow 1:

Average throughput: 671.43 Mbit/s

95th percentile per-packet one-way delay: 16.956 ms

Loss rate: 0.08%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-02-05 03:14:09

End at: 2019-02-05 03:14:39

Local clock offset: 3.624 ms

Remote clock offset: 0.168 ms

Below is generated by plot.py at 2019-02-05 05:00:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 652.93 Mbit/s

95th percentile per-packet one-way delay: 8.604 ms

Loss rate: 0.09%

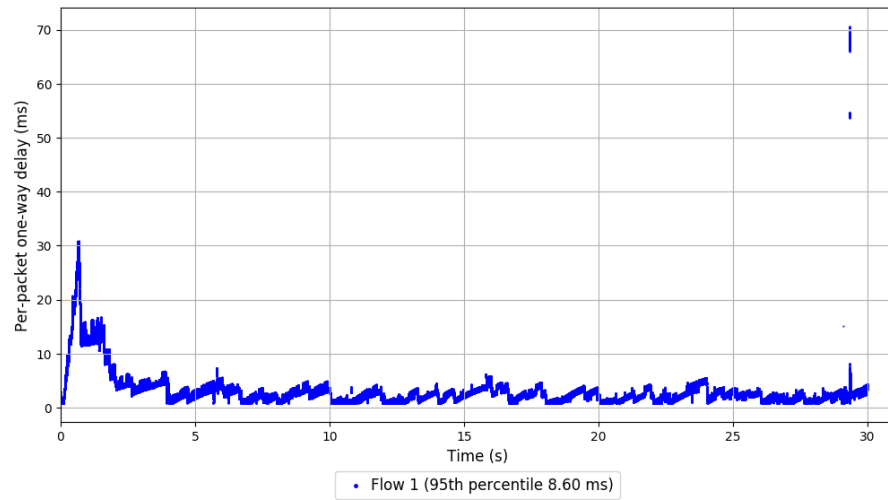
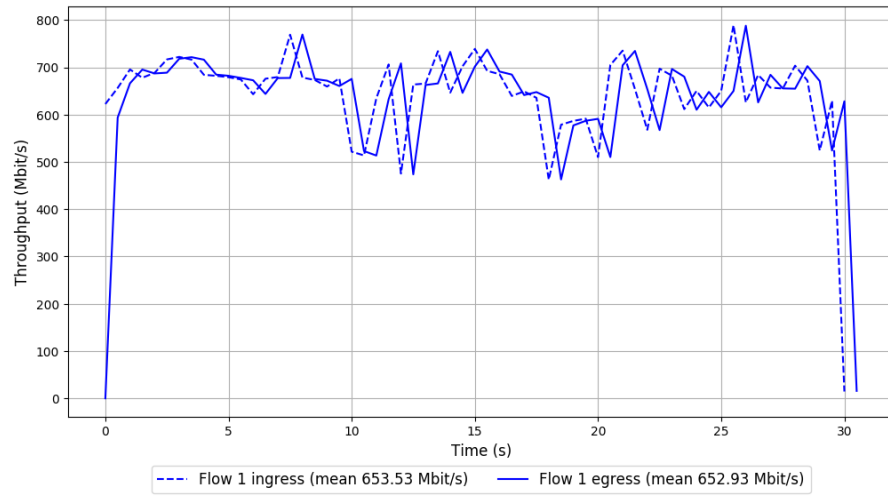
-- Flow 1:

Average throughput: 652.93 Mbit/s

95th percentile per-packet one-way delay: 8.604 ms

Loss rate: 0.09%

Run 2: Report of TCP Cubic — Data Link

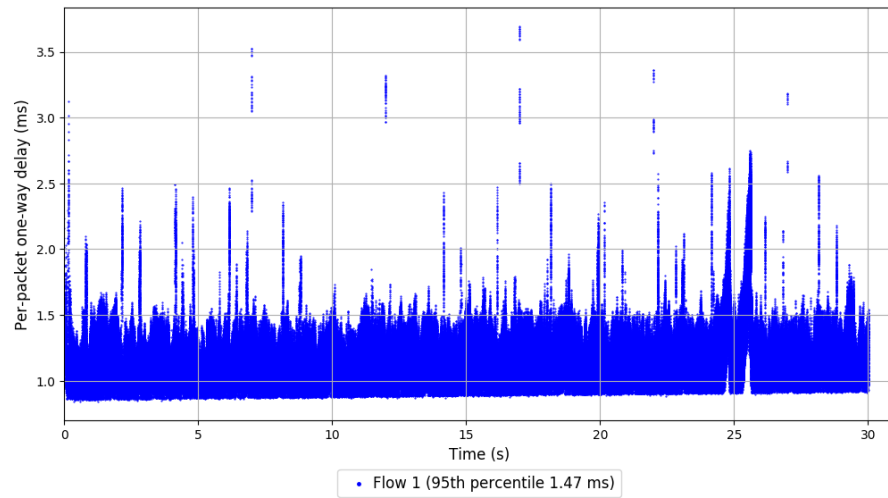
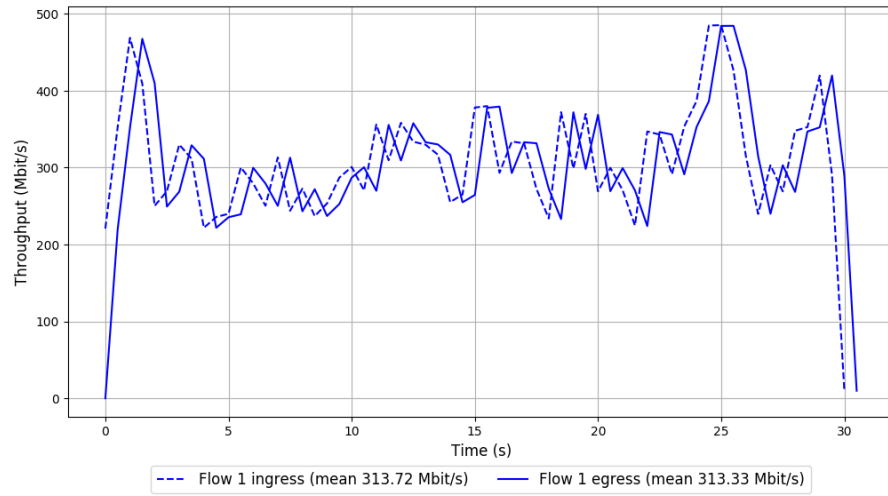


Run 3: Statistics of TCP Cubic

Start at: 2019-02-05 03:42:44
End at: 2019-02-05 03:43:15
Local clock offset: -0.49 ms
Remote clock offset: -2.444 ms

Below is generated by plot.py at 2019-02-05 05:00:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 313.33 Mbit/s
95th percentile per-packet one-way delay: 1.471 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 313.33 Mbit/s
95th percentile per-packet one-way delay: 1.471 ms
Loss rate: 0.12%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-02-05 04:11:15

End at: 2019-02-05 04:11:45

Local clock offset: 3.388 ms

Remote clock offset: -3.45 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 694.45 Mbit/s

95th percentile per-packet one-way delay: 4.554 ms

Loss rate: 0.08%

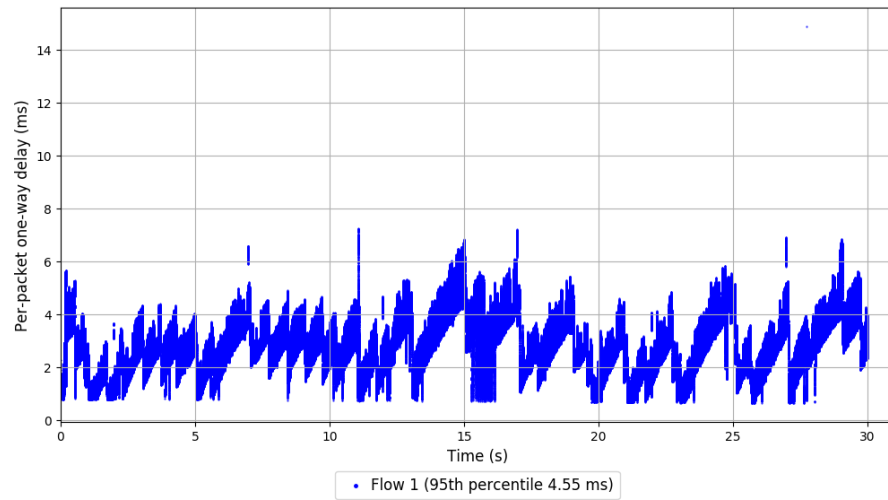
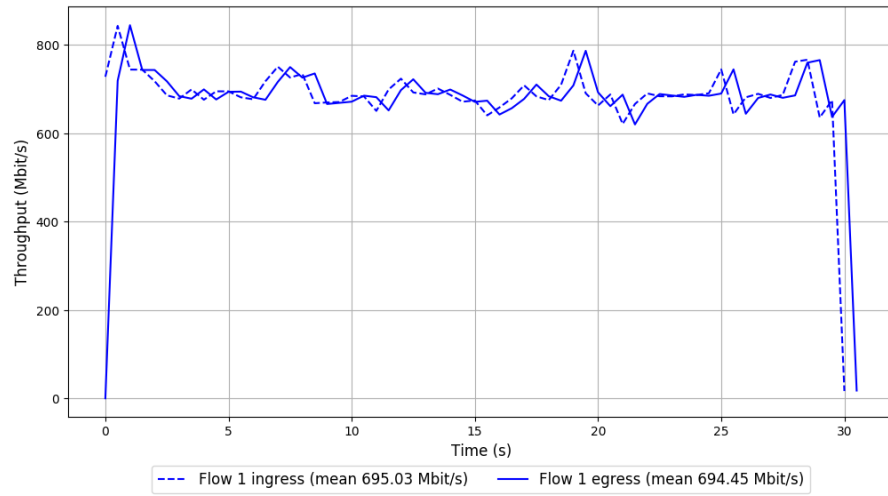
-- Flow 1:

Average throughput: 694.45 Mbit/s

95th percentile per-packet one-way delay: 4.554 ms

Loss rate: 0.08%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-02-05 04:40:07

End at: 2019-02-05 04:40:37

Local clock offset: 3.39 ms

Remote clock offset: 0.002 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 673.30 Mbit/s

95th percentile per-packet one-way delay: 5.132 ms

Loss rate: 0.09%

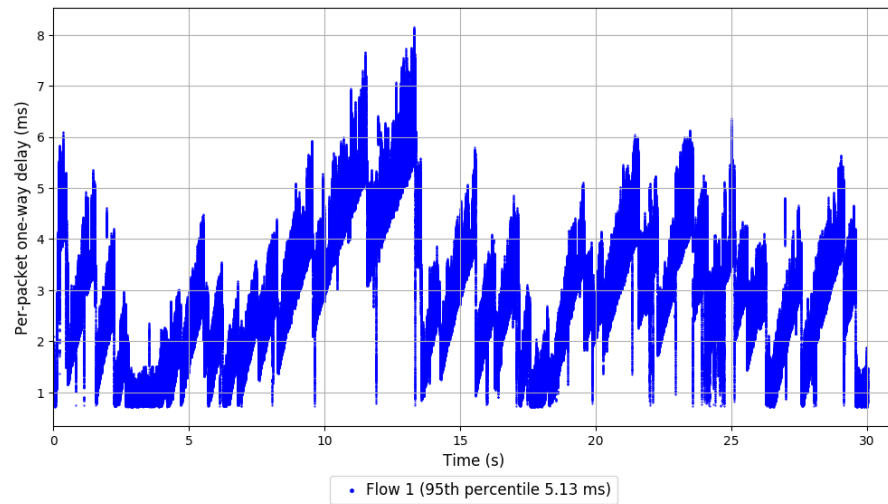
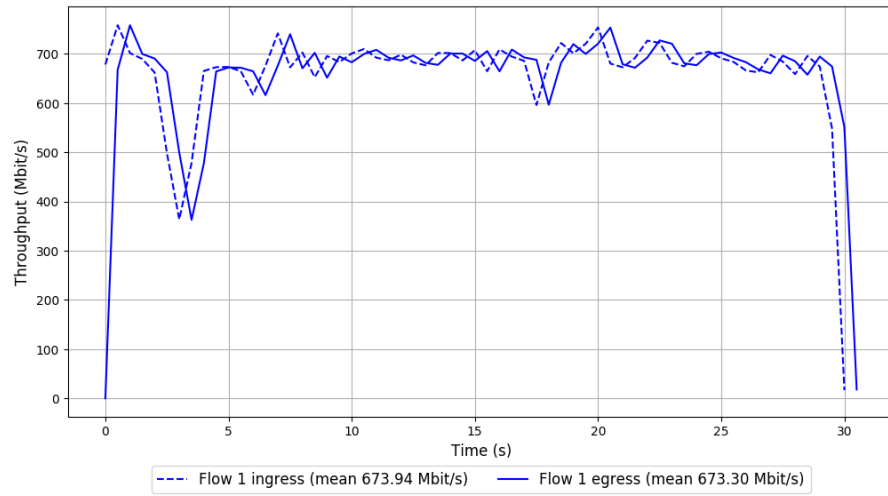
-- Flow 1:

Average throughput: 673.30 Mbit/s

95th percentile per-packet one-way delay: 5.132 ms

Loss rate: 0.09%

Run 5: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

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

End at: 2019-02-05 02:51:35

Local clock offset: 3.657 ms

Remote clock offset: 1.488 ms

Below is generated by plot.py at 2019-02-05 05:11:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 899.23 Mbit/s

95th percentile per-packet one-way delay: 14.195 ms

Loss rate: 3.98%

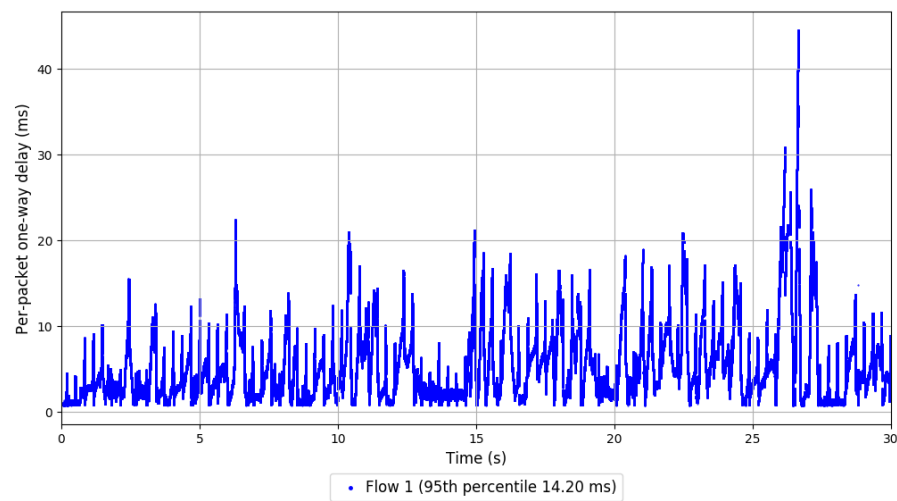
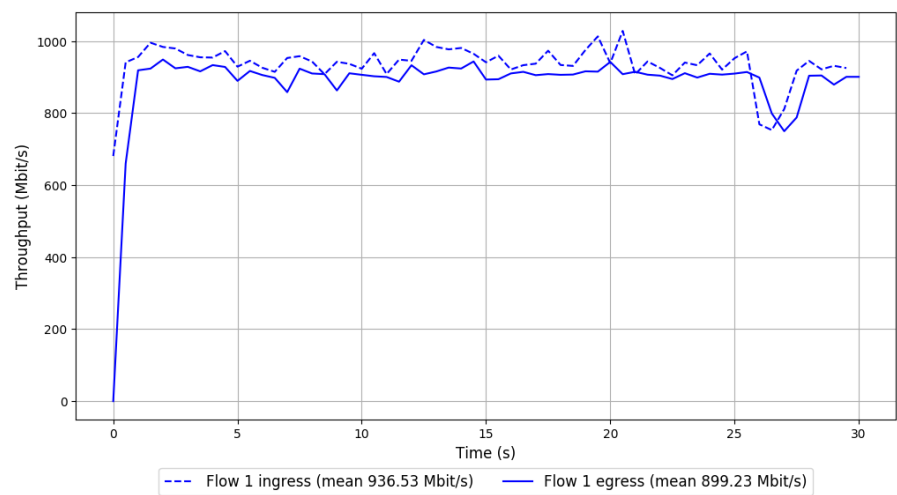
-- Flow 1:

Average throughput: 899.23 Mbit/s

95th percentile per-packet one-way delay: 14.195 ms

Loss rate: 3.98%

Run 1: Report of FillP — Data Link

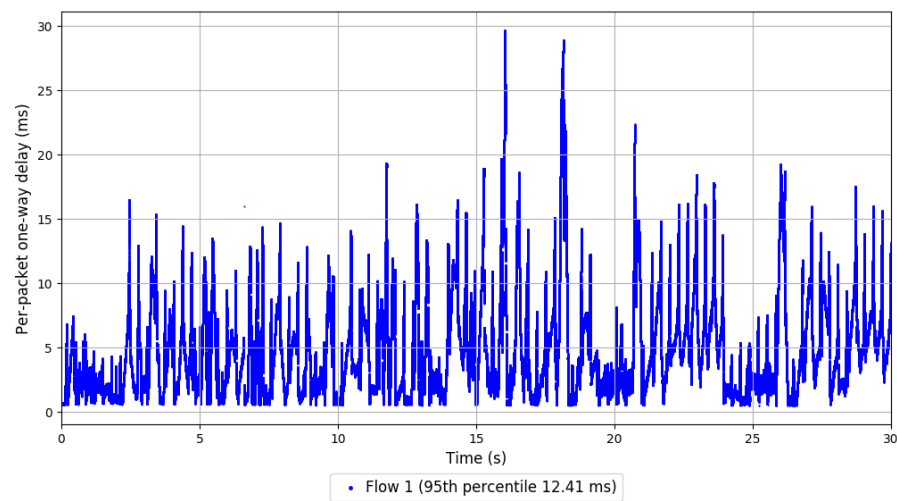
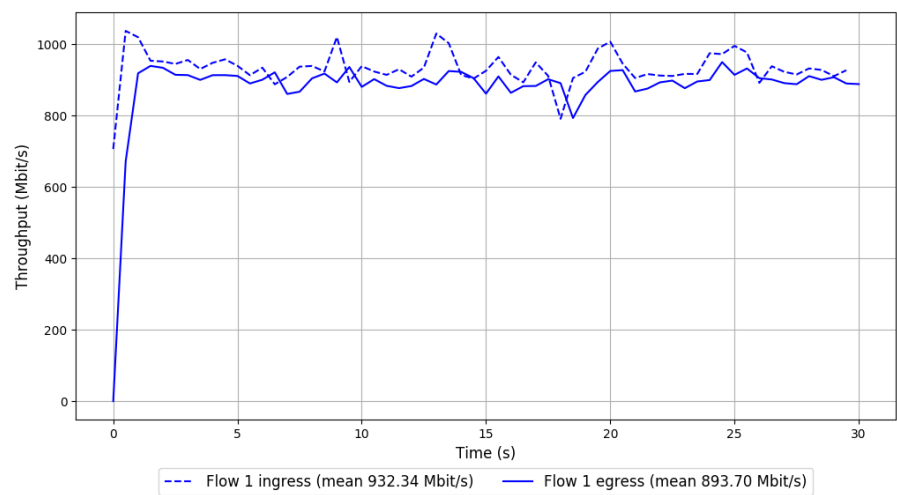


Run 2: Statistics of FillP

Start at: 2019-02-05 03:19:43
End at: 2019-02-05 03:20:13
Local clock offset: 2.44 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2019-02-05 05:11:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 893.70 Mbit/s
95th percentile per-packet one-way delay: 12.410 ms
Loss rate: 4.15%
-- Flow 1:
Average throughput: 893.70 Mbit/s
95th percentile per-packet one-way delay: 12.410 ms
Loss rate: 4.15%

Run 2: Report of FillP — Data Link

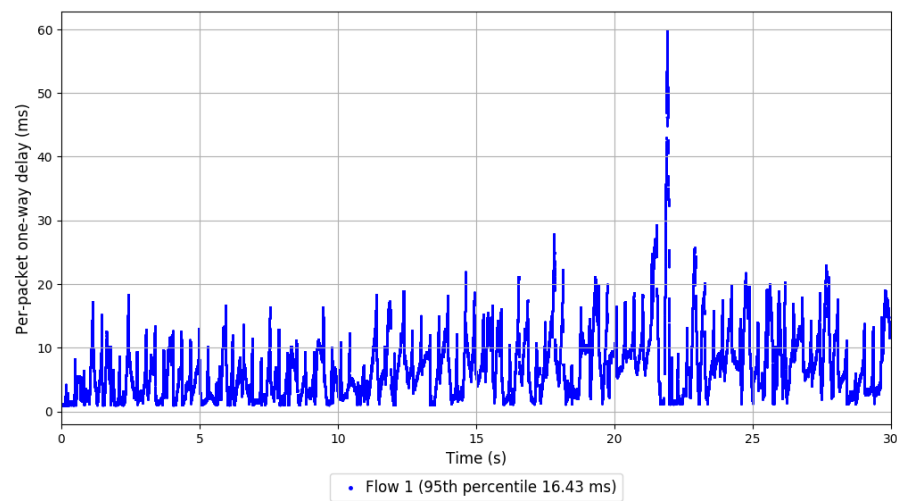
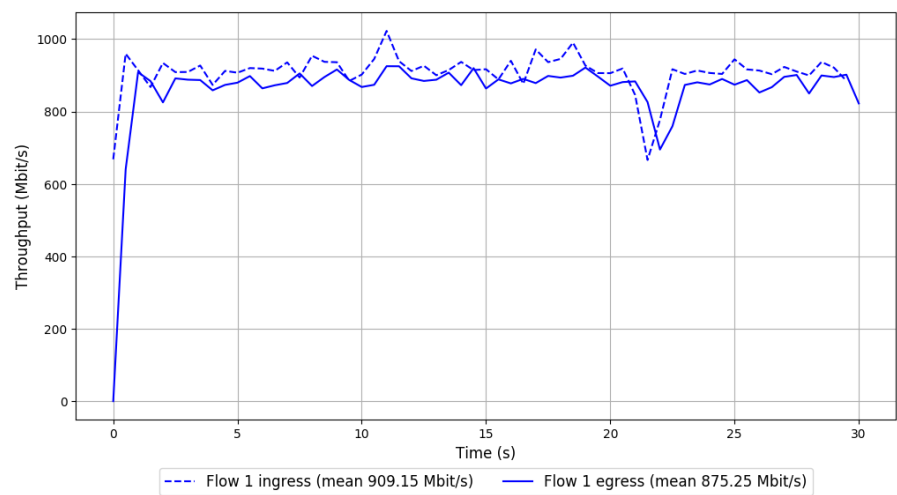


Run 3: Statistics of FillP

Start at: 2019-02-05 03:48:09
End at: 2019-02-05 03:48:39
Local clock offset: 0.163 ms
Remote clock offset: -3.281 ms

Below is generated by plot.py at 2019-02-05 05:11:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 875.25 Mbit/s
95th percentile per-packet one-way delay: 16.427 ms
Loss rate: 3.72%
-- Flow 1:
Average throughput: 875.25 Mbit/s
95th percentile per-packet one-way delay: 16.427 ms
Loss rate: 3.72%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-02-05 04:16:57

End at: 2019-02-05 04:17:27

Local clock offset: 3.567 ms

Remote clock offset: -1.78 ms

Below is generated by plot.py at 2019-02-05 05:11:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 893.53 Mbit/s

95th percentile per-packet one-way delay: 12.896 ms

Loss rate: 4.07%

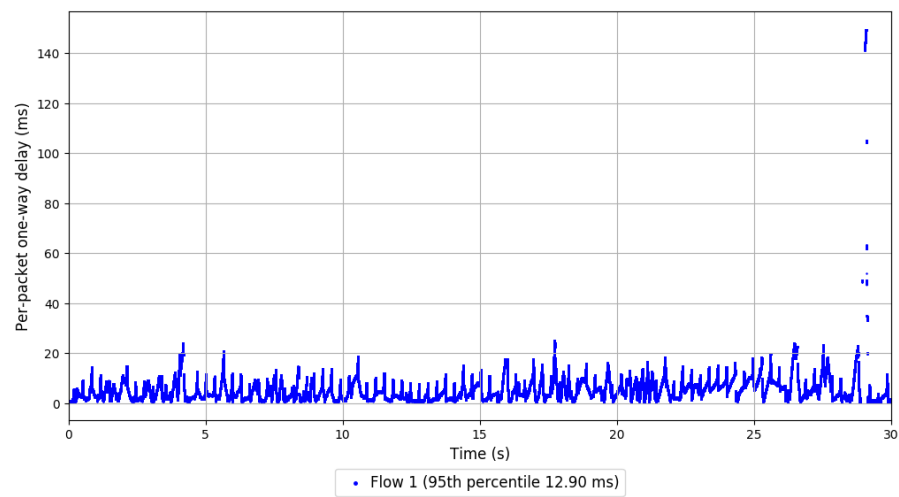
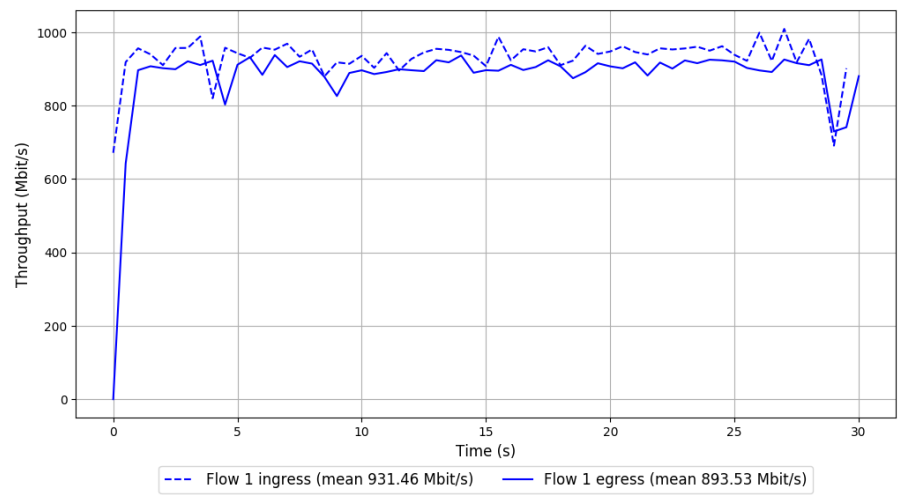
-- Flow 1:

Average throughput: 893.53 Mbit/s

95th percentile per-packet one-way delay: 12.896 ms

Loss rate: 4.07%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-02-05 04:45:44

End at: 2019-02-05 04:46:14

Local clock offset: 3.455 ms

Remote clock offset: 0.025 ms

Below is generated by plot.py at 2019-02-05 05:11:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 868.31 Mbit/s

95th percentile per-packet one-way delay: 15.519 ms

Loss rate: 2.76%

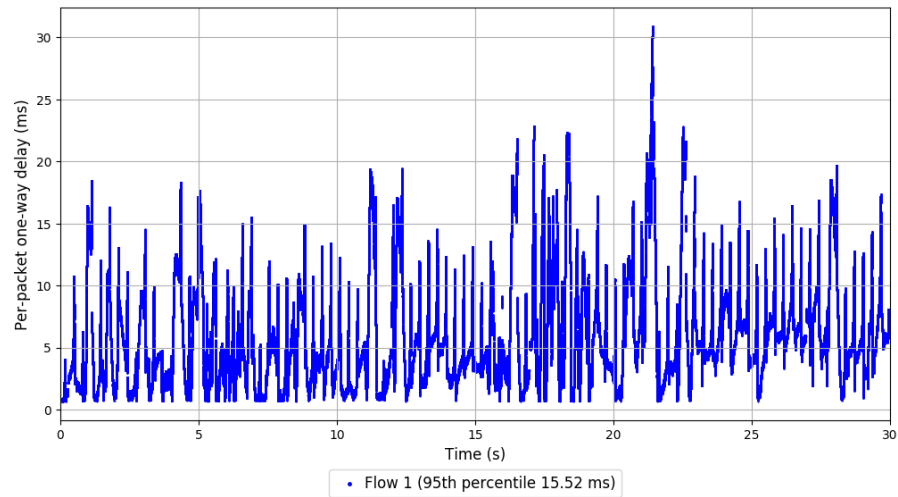
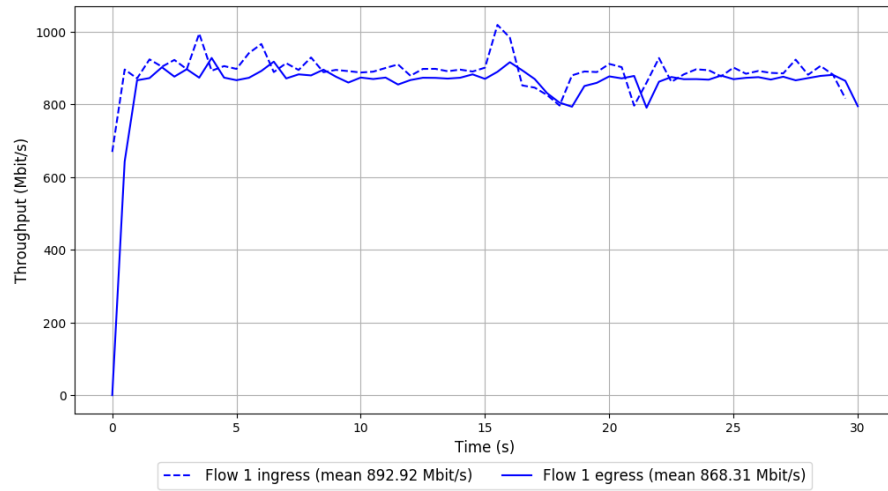
-- Flow 1:

Average throughput: 868.31 Mbit/s

95th percentile per-packet one-way delay: 15.519 ms

Loss rate: 2.76%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-02-05 02:26:31

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

Local clock offset: 2.491 ms

Remote clock offset: 0.492 ms

Below is generated by plot.py at 2019-02-05 05:12:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 890.57 Mbit/s

95th percentile per-packet one-way delay: 8.097 ms

Loss rate: 2.88%

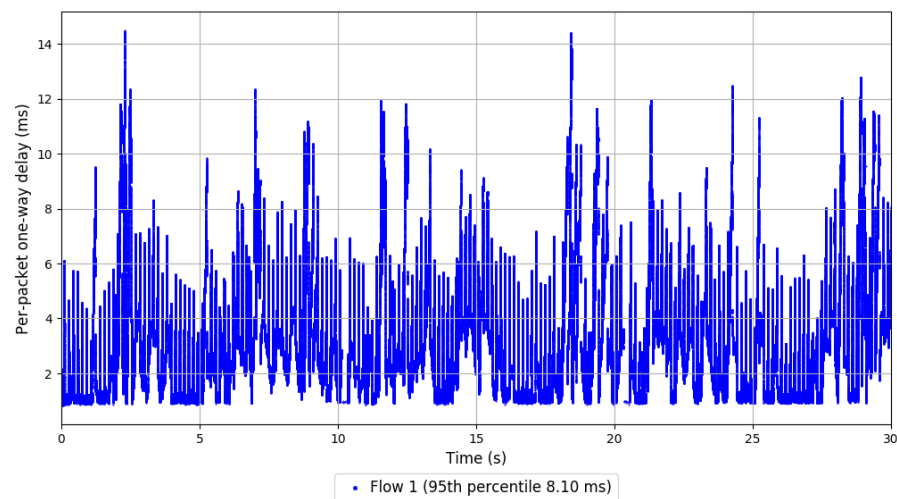
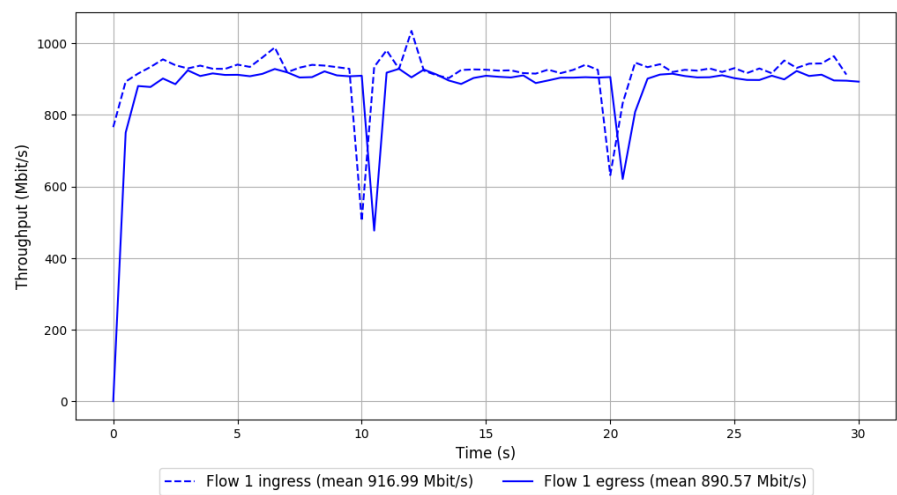
-- Flow 1:

Average throughput: 890.57 Mbit/s

95th percentile per-packet one-way delay: 8.097 ms

Loss rate: 2.88%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

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

End at: 2019-02-05 02:56:06

Local clock offset: 3.508 ms

Remote clock offset: 1.623 ms

Below is generated by plot.py at 2019-02-05 05:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 888.78 Mbit/s

95th percentile per-packet one-way delay: 7.541 ms

Loss rate: 2.84%

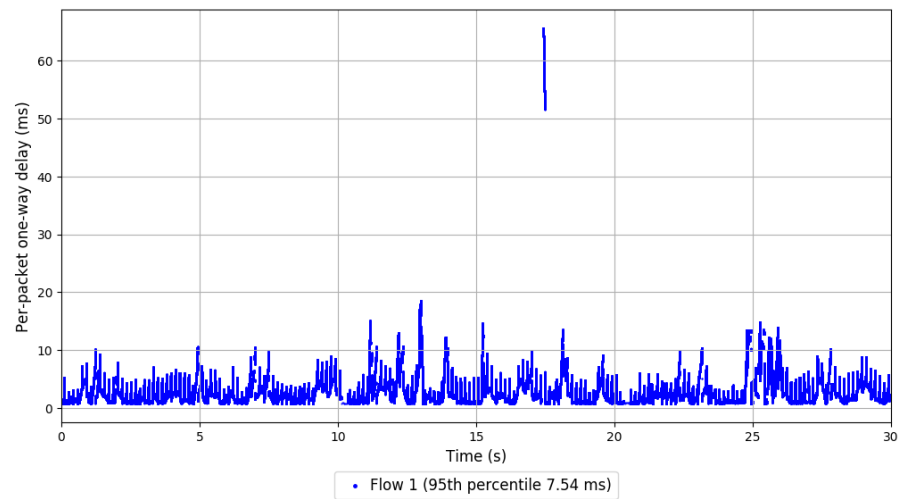
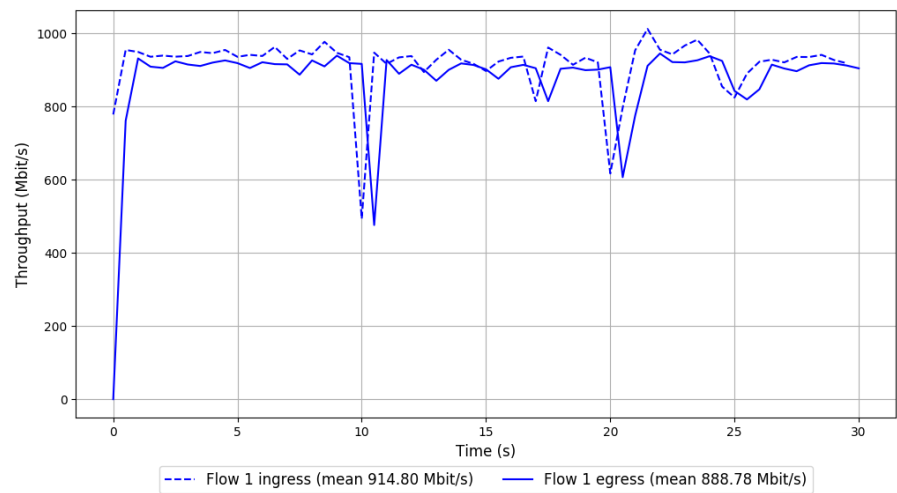
-- Flow 1:

Average throughput: 888.78 Mbit/s

95th percentile per-packet one-way delay: 7.541 ms

Loss rate: 2.84%

Run 2: Report of FillP-Sheep — Data Link

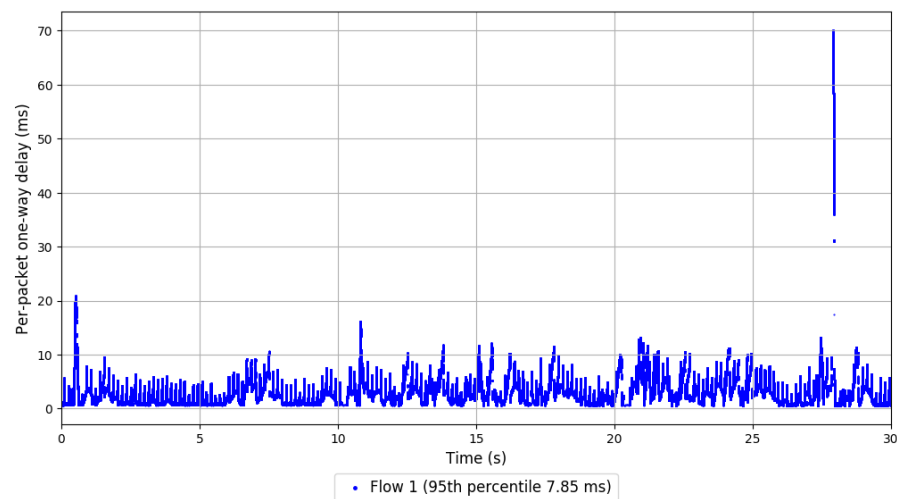
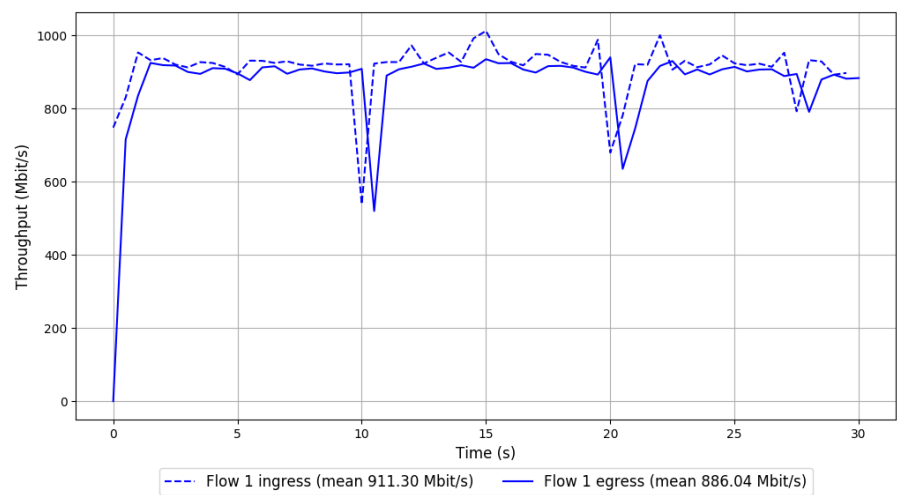


Run 3: Statistics of FillP-Sheep

Start at: 2019-02-05 03:24:11
End at: 2019-02-05 03:24:41
Local clock offset: 1.309 ms
Remote clock offset: -0.167 ms

Below is generated by plot.py at 2019-02-05 05:18:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 886.04 Mbit/s
95th percentile per-packet one-way delay: 7.848 ms
Loss rate: 2.77%
-- Flow 1:
Average throughput: 886.04 Mbit/s
95th percentile per-packet one-way delay: 7.848 ms
Loss rate: 2.77%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-02-05 03:52:35

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

Local clock offset: 1.4 ms

Remote clock offset: -3.833 ms

Below is generated by plot.py at 2019-02-05 05:23:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 882.79 Mbit/s

95th percentile per-packet one-way delay: 9.405 ms

Loss rate: 2.46%

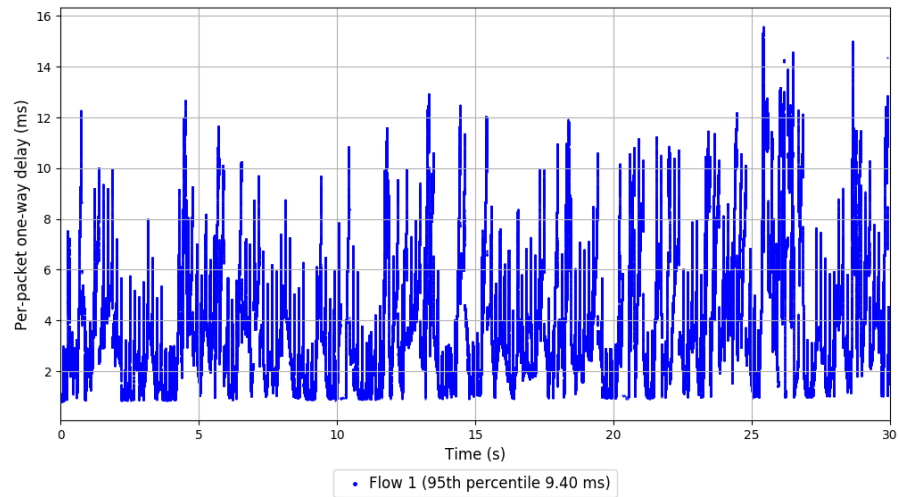
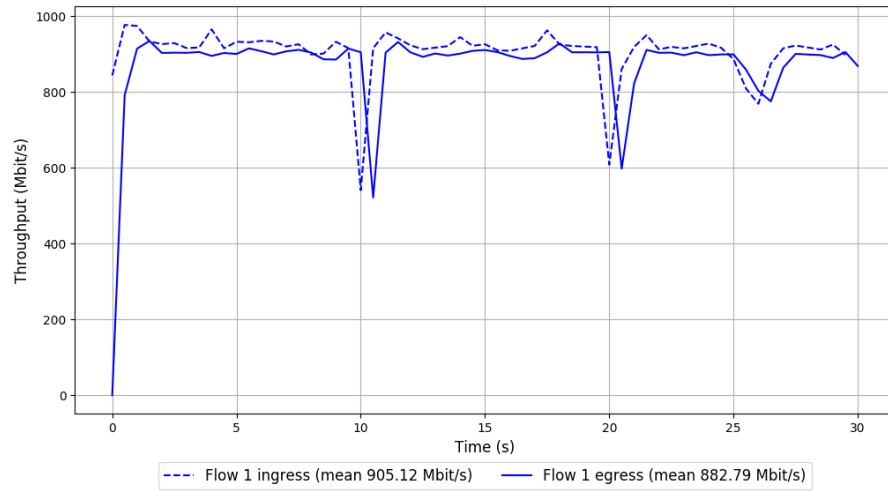
-- Flow 1:

Average throughput: 882.79 Mbit/s

95th percentile per-packet one-way delay: 9.405 ms

Loss rate: 2.46%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-02-05 04:21:26

End at: 2019-02-05 04:21:56

Local clock offset: 3.406 ms

Remote clock offset: -0.978 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 874.10 Mbit/s

95th percentile per-packet one-way delay: 8.788 ms

Loss rate: 2.15%

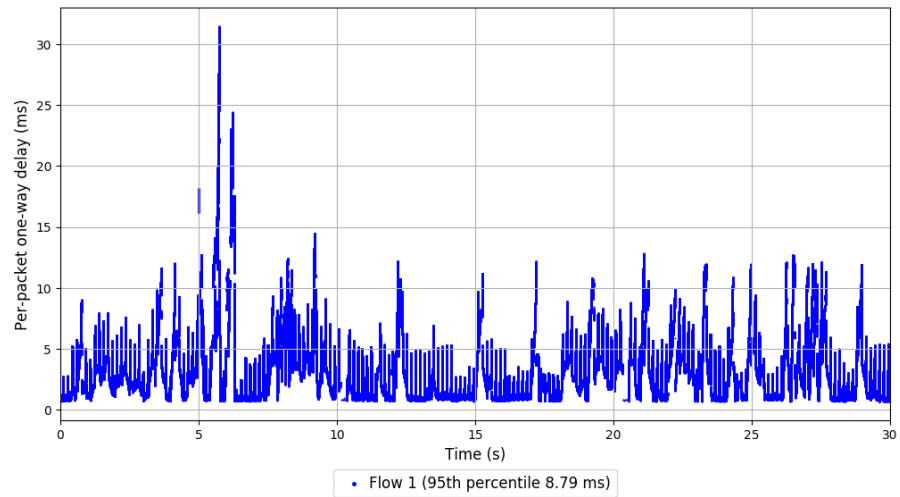
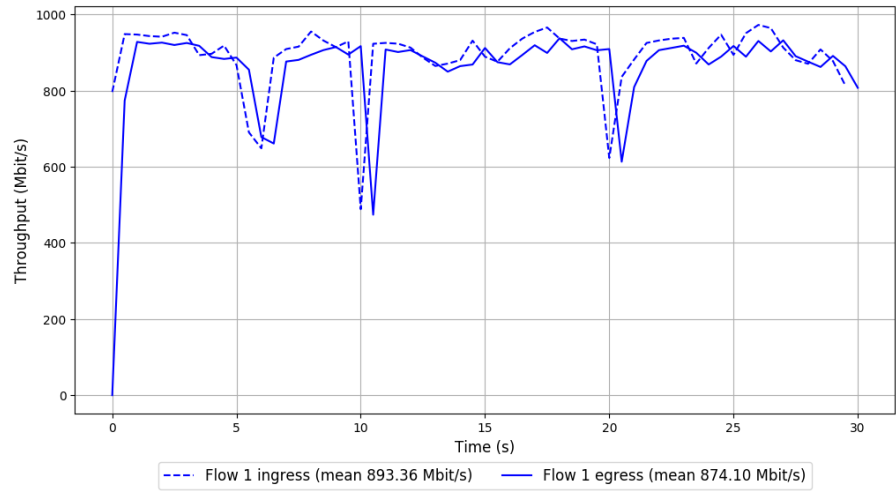
-- Flow 1:

Average throughput: 874.10 Mbit/s

95th percentile per-packet one-way delay: 8.788 ms

Loss rate: 2.15%

Run 5: Report of FillP-Sheep — Data Link

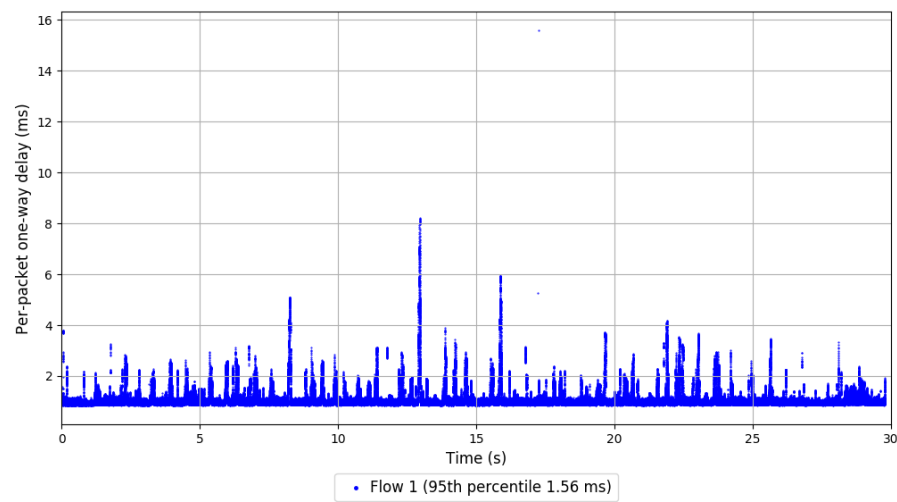
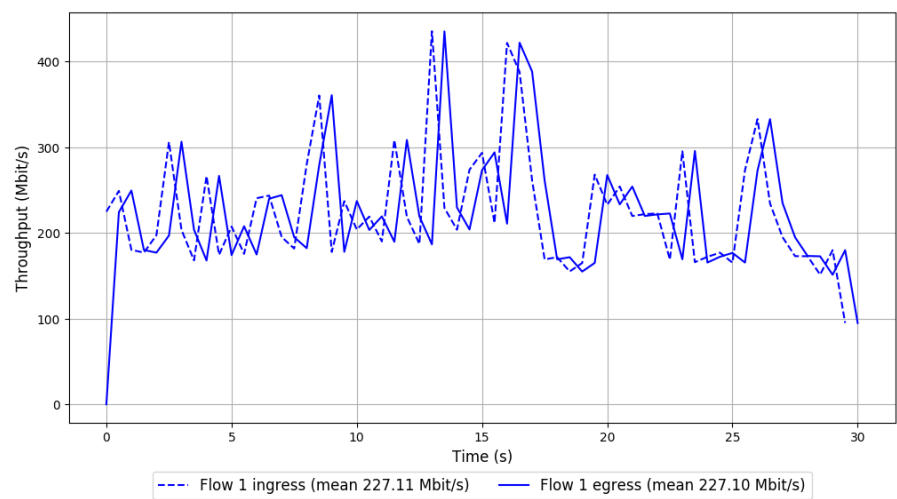


```
Run 1: Statistics of Indigo

Start at: 2019-02-05 02:40:04
End at: 2019-02-05 02:40:34
Local clock offset: 3.635 ms
Remote clock offset: 1.095 ms

# Below is generated by plot.py at 2019-02-05 05:23:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 227.10 Mbit/s
95th percentile per-packet one-way delay: 1.561 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 227.10 Mbit/s
95th percentile per-packet one-way delay: 1.561 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-02-05 03:09:00

End at: 2019-02-05 03:09:30

Local clock offset: 3.538 ms

Remote clock offset: 0.457 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 236.20 Mbit/s

95th percentile per-packet one-way delay: 1.224 ms

Loss rate: 0.03%

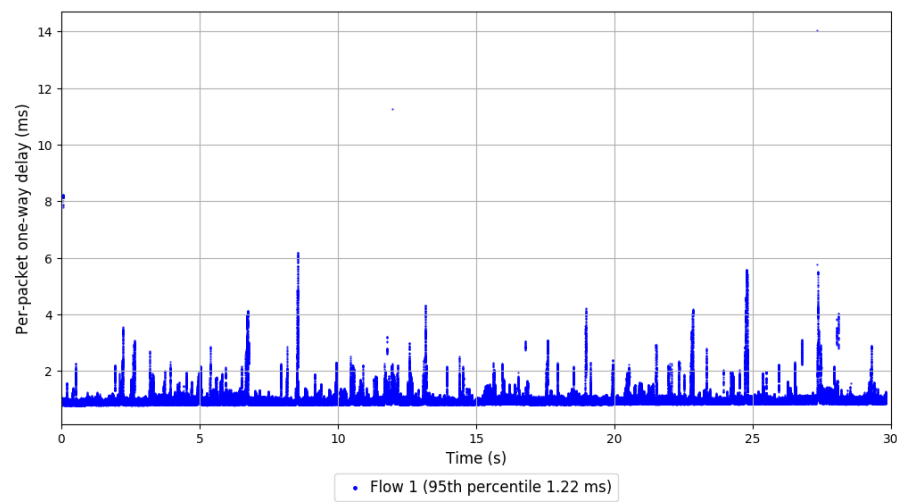
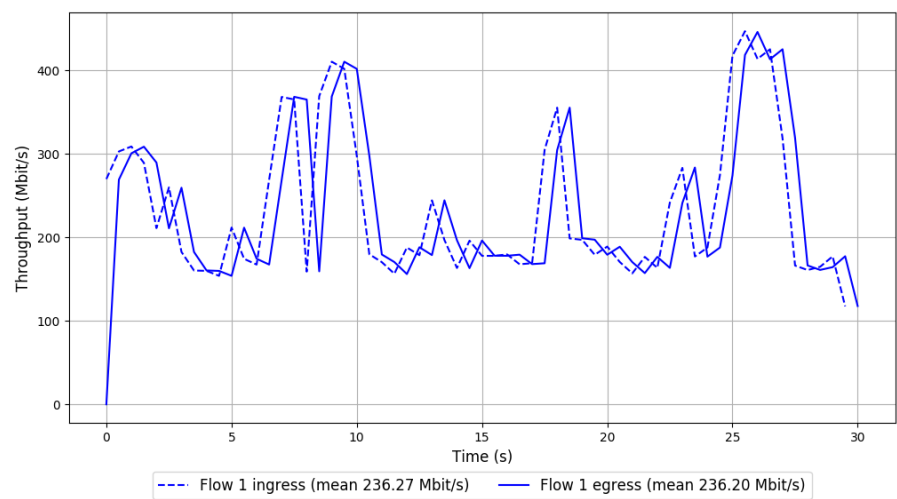
-- Flow 1:

Average throughput: 236.20 Mbit/s

95th percentile per-packet one-way delay: 1.224 ms

Loss rate: 0.03%

Run 2: Report of Indigo — Data Link

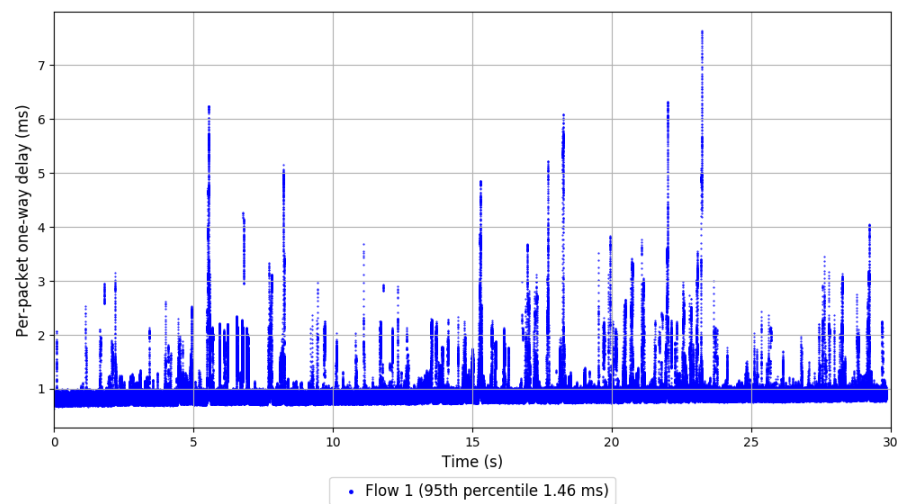
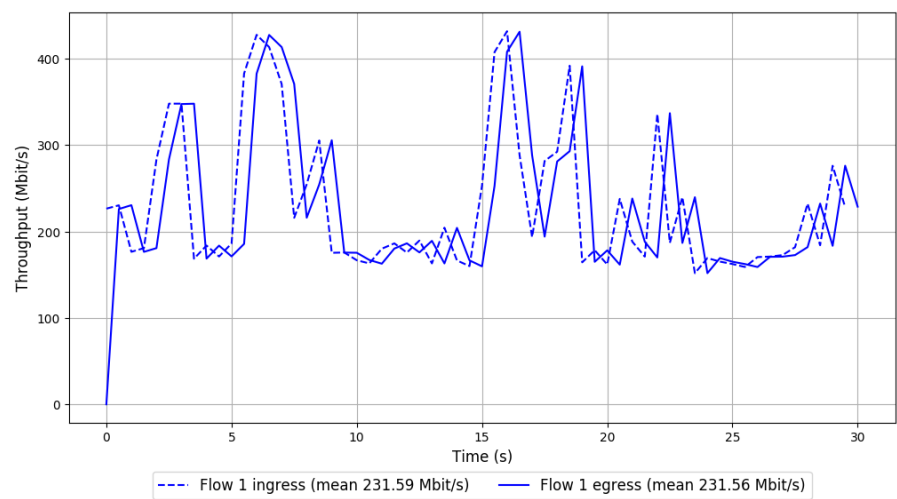


Run 3: Statistics of Indigo

Start at: 2019-02-05 03:37:37
End at: 2019-02-05 03:38:07
Local clock offset: -0.195 ms
Remote clock offset: -1.498 ms

Below is generated by plot.py at 2019-02-05 05:23:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 231.56 Mbit/s
95th percentile per-packet one-way delay: 1.457 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 231.56 Mbit/s
95th percentile per-packet one-way delay: 1.457 ms
Loss rate: 0.01%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

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

End at: 2019-02-05 04:06:34

Local clock offset: 3.123 ms

Remote clock offset: -4.788 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 220.01 Mbit/s

95th percentile per-packet one-way delay: 1.455 ms

Loss rate: 0.01%

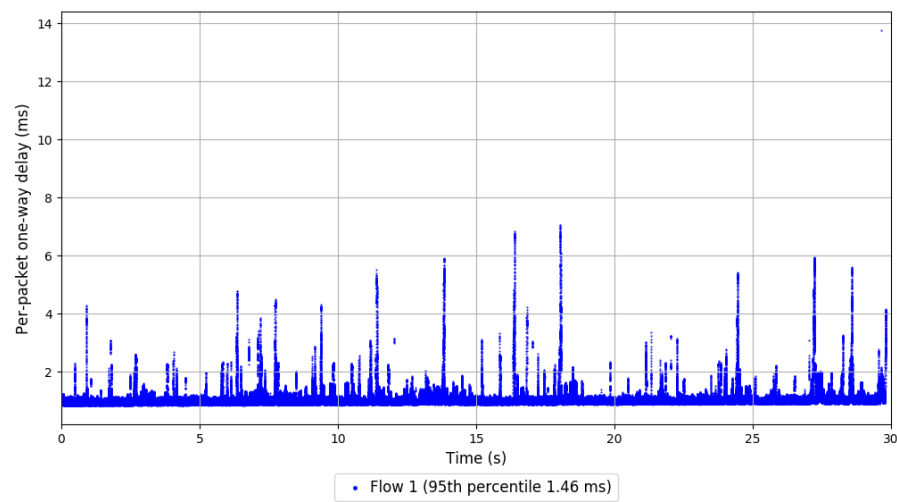
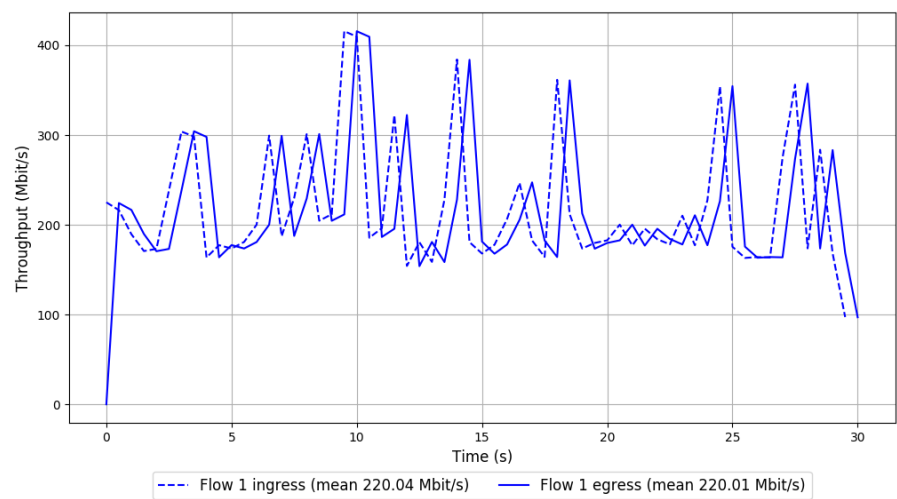
-- Flow 1:

Average throughput: 220.01 Mbit/s

95th percentile per-packet one-way delay: 1.455 ms

Loss rate: 0.01%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-02-05 04:34:56

End at: 2019-02-05 04:35:26

Local clock offset: 3.358 ms

Remote clock offset: -0.017 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 214.41 Mbit/s

95th percentile per-packet one-way delay: 1.103 ms

Loss rate: 0.00%

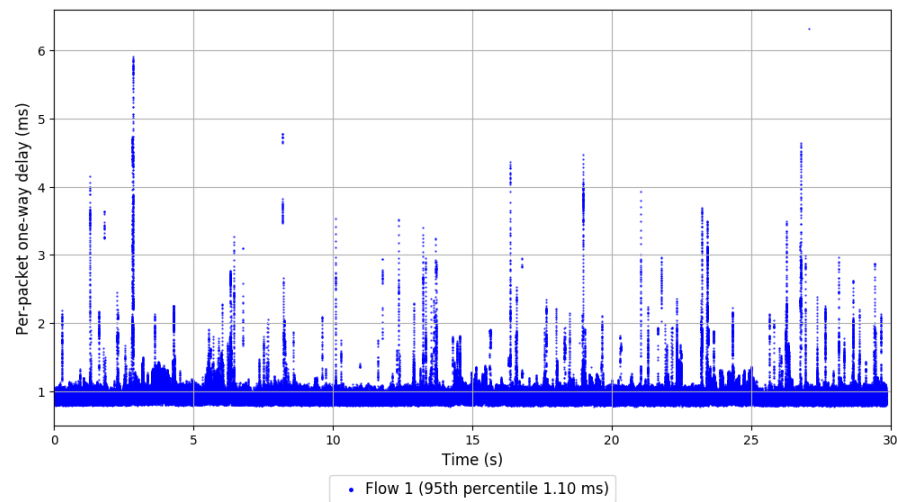
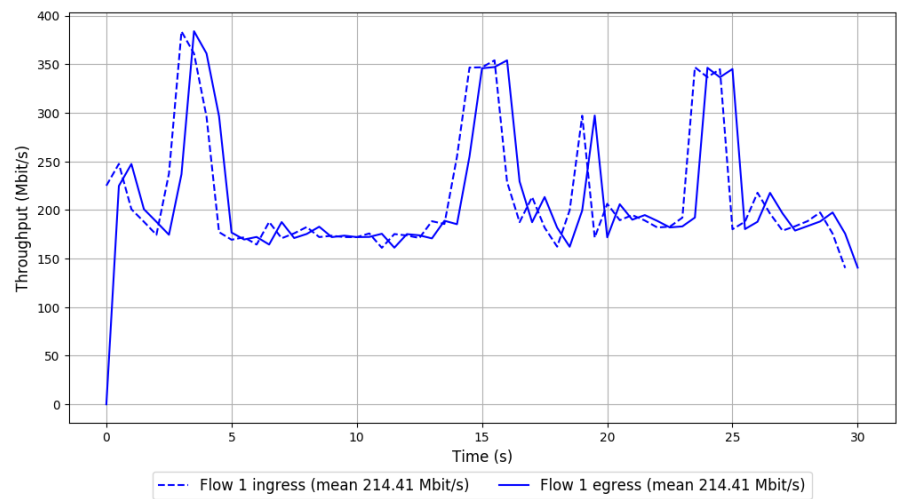
-- Flow 1:

Average throughput: 214.41 Mbit/s

95th percentile per-packet one-way delay: 1.103 ms

Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

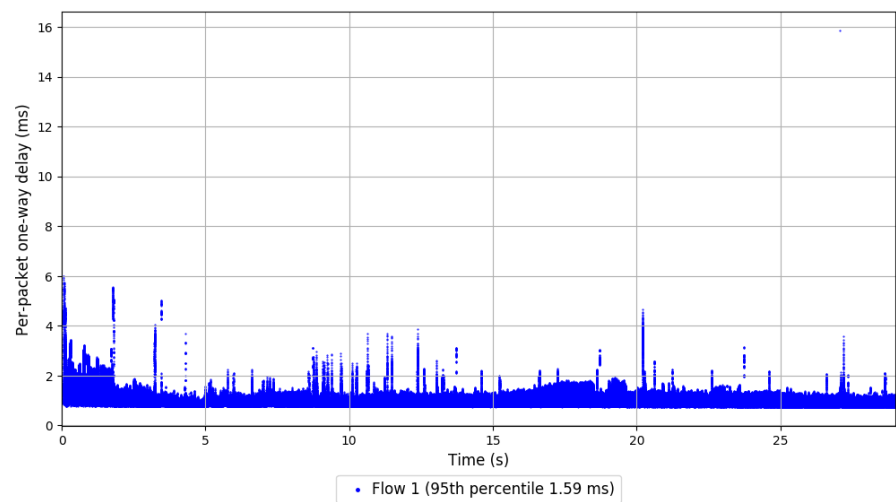
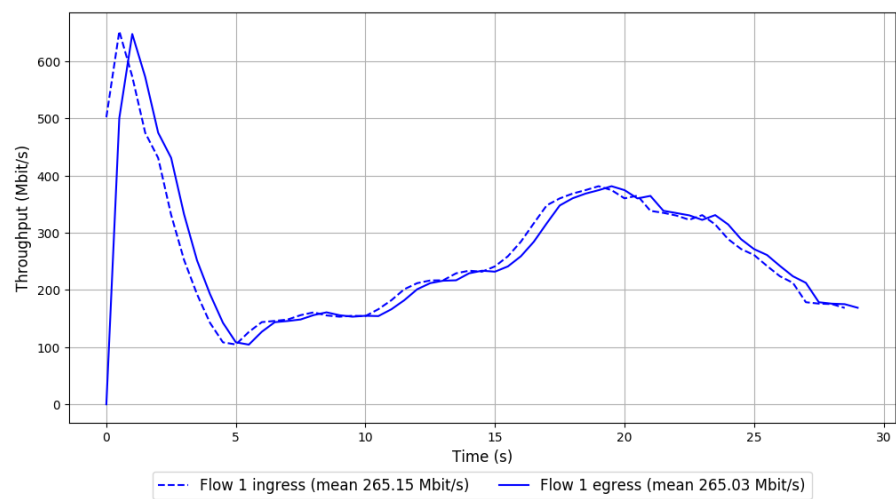


```
Run 1: Statistics of Indigo-MusesC3

Start at: 2019-02-05 02:48:26
End at: 2019-02-05 02:48:56
Local clock offset: 3.78 ms
Remote clock offset: 1.386 ms

# Below is generated by plot.py at 2019-02-05 05:23:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 265.03 Mbit/s
95th percentile per-packet one-way delay: 1.590 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 265.03 Mbit/s
95th percentile per-packet one-way delay: 1.590 ms
Loss rate: 0.05%
```

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-02-05 03:17:02

End at: 2019-02-05 03:17:32

Local clock offset: 3.328 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 312.44 Mbit/s

95th percentile per-packet one-way delay: 1.634 ms

Loss rate: 0.12%

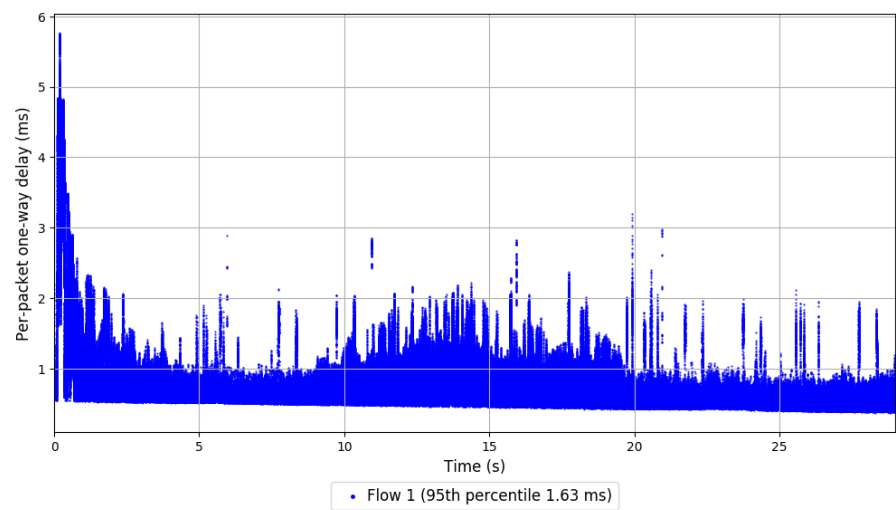
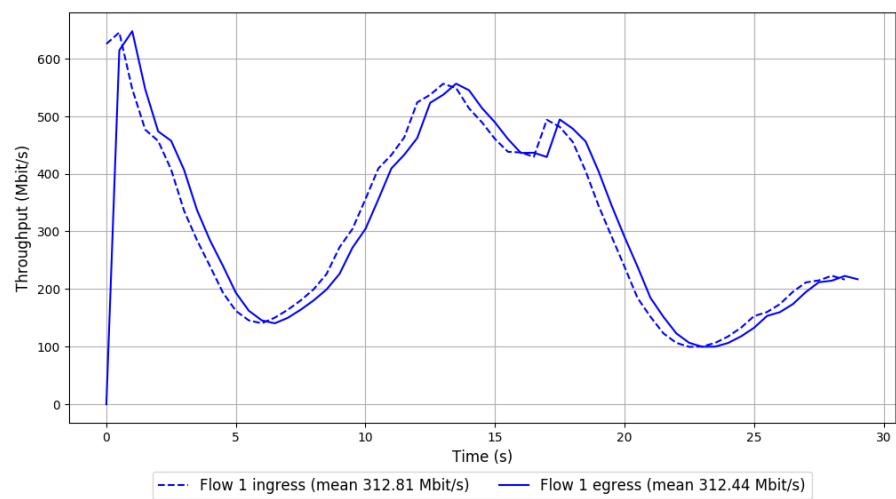
-- Flow 1:

Average throughput: 312.44 Mbit/s

95th percentile per-packet one-way delay: 1.634 ms

Loss rate: 0.12%

Run 2: Report of Indigo-MusesC3 — Data Link

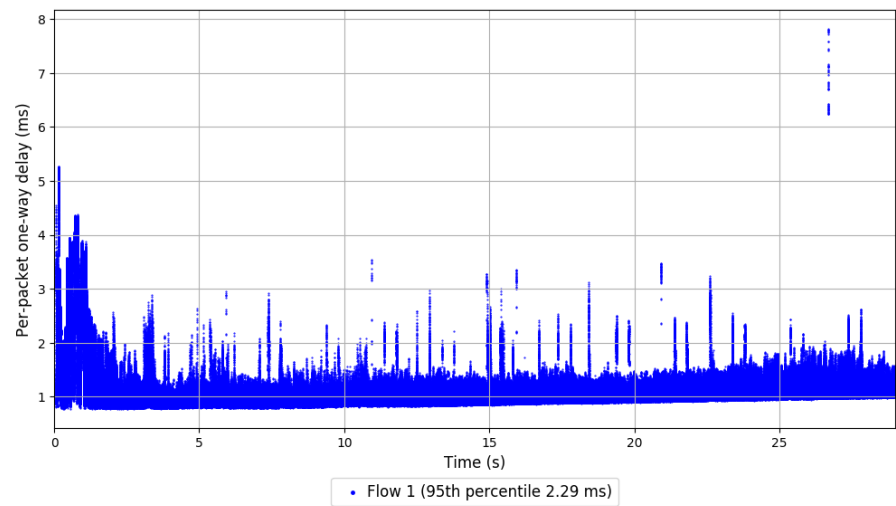
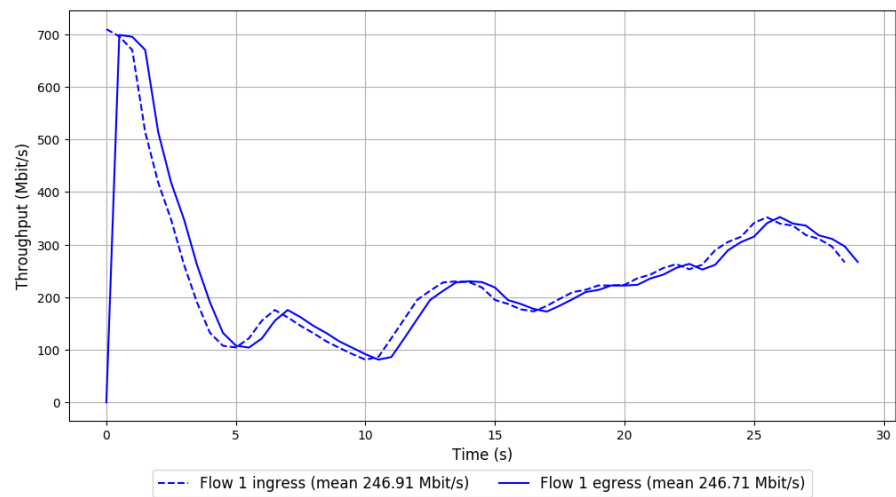


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-02-05 03:45:33
End at: 2019-02-05 03:46:03
Local clock offset: -0.612 ms
Remote clock offset: -2.955 ms

Below is generated by plot.py at 2019-02-05 05:23:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 246.71 Mbit/s
95th percentile per-packet one-way delay: 2.288 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 246.71 Mbit/s
95th percentile per-packet one-way delay: 2.288 ms
Loss rate: 0.08%

Run 3: Report of Indigo-MusesC3 — Data Link

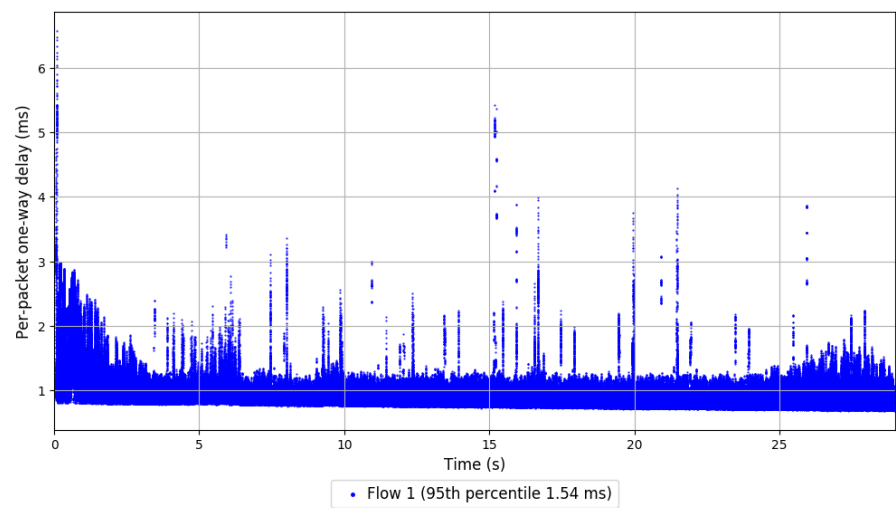
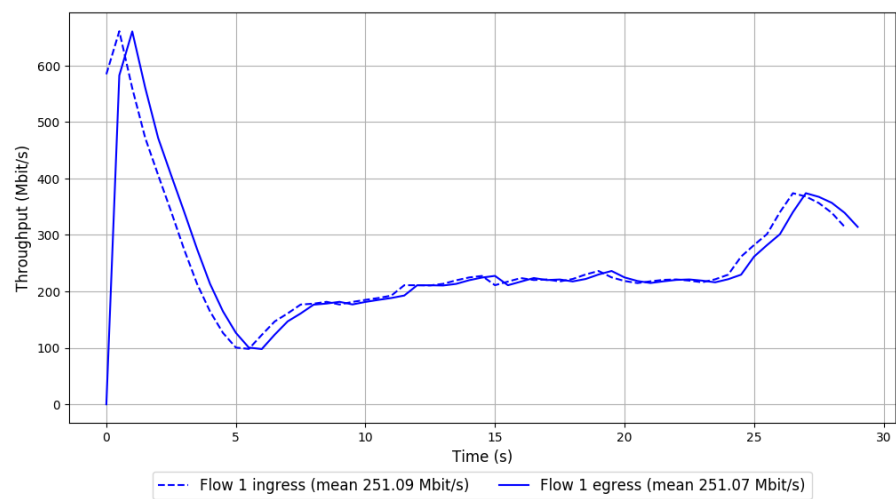


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-02-05 04:14:18
End at: 2019-02-05 04:14:48
Local clock offset: 3.545 ms
Remote clock offset: -2.371 ms

Below is generated by plot.py at 2019-02-05 05:23:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 251.07 Mbit/s
95th percentile per-packet one-way delay: 1.540 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 251.07 Mbit/s
95th percentile per-packet one-way delay: 1.540 ms
Loss rate: 0.01%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-02-05 04:43:08

End at: 2019-02-05 04:43:38

Local clock offset: 3.42 ms

Remote clock offset: 0.129 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 214.92 Mbit/s

95th percentile per-packet one-way delay: 1.984 ms

Loss rate: 0.05%

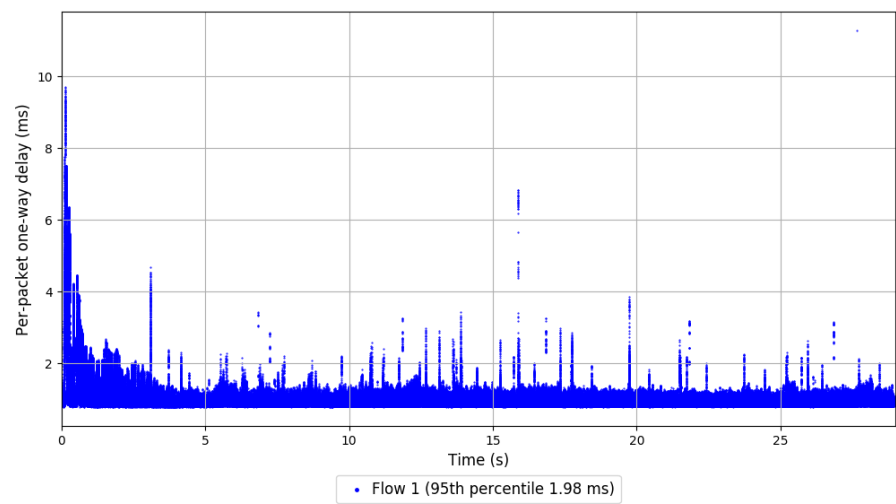
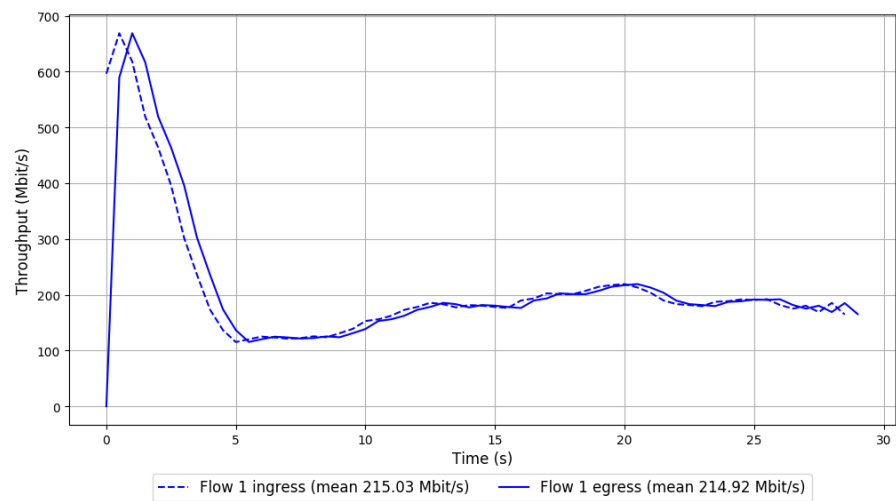
-- Flow 1:

Average throughput: 214.92 Mbit/s

95th percentile per-packet one-way delay: 1.984 ms

Loss rate: 0.05%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-02-05 02:42:40

End at: 2019-02-05 02:43:10

Local clock offset: 3.76 ms

Remote clock offset: 1.188 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 280.81 Mbit/s

95th percentile per-packet one-way delay: 1.775 ms

Loss rate: 0.01%

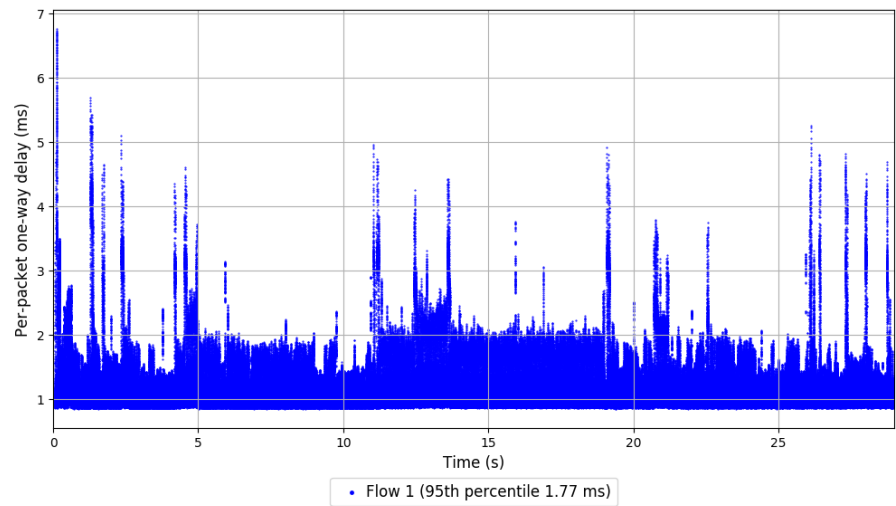
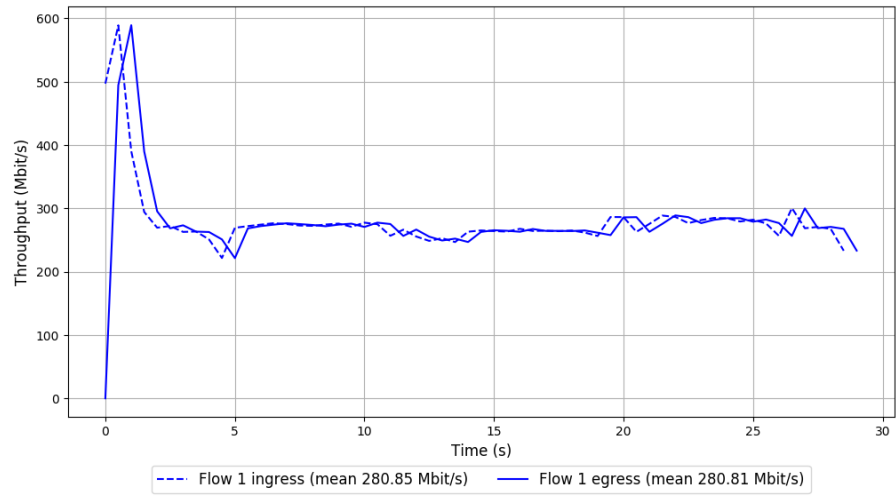
-- Flow 1:

Average throughput: 280.81 Mbit/s

95th percentile per-packet one-way delay: 1.775 ms

Loss rate: 0.01%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-02-05 03:11:37

End at: 2019-02-05 03:12:07

Local clock offset: 3.603 ms

Remote clock offset: 0.249 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.54 Mbit/s

95th percentile per-packet one-way delay: 1.861 ms

Loss rate: 0.08%

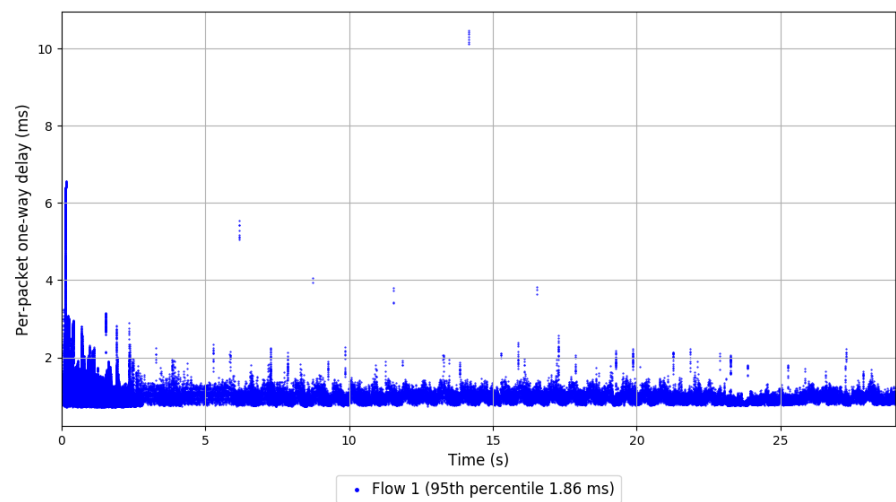
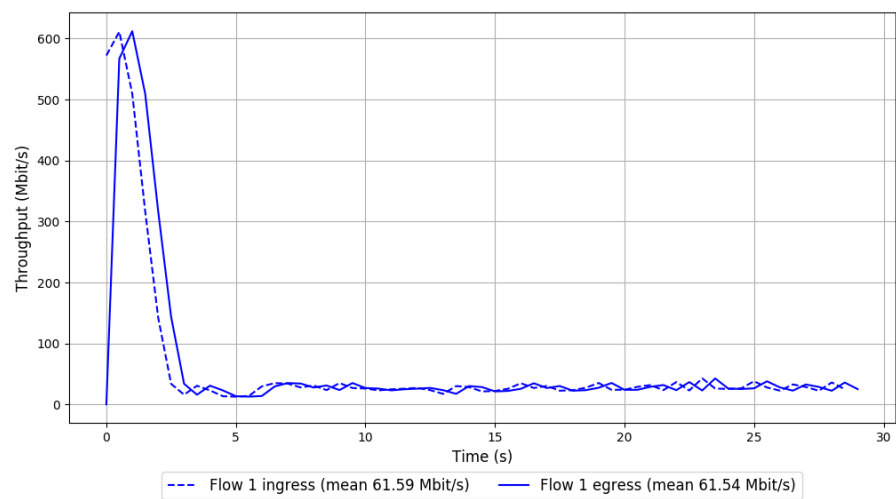
-- Flow 1:

Average throughput: 61.54 Mbit/s

95th percentile per-packet one-way delay: 1.861 ms

Loss rate: 0.08%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-02-05 03:40:13

End at: 2019-02-05 03:40:43

Local clock offset: -0.36 ms

Remote clock offset: -2.029 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.64 Mbit/s

95th percentile per-packet one-way delay: 1.579 ms

Loss rate: 0.47%

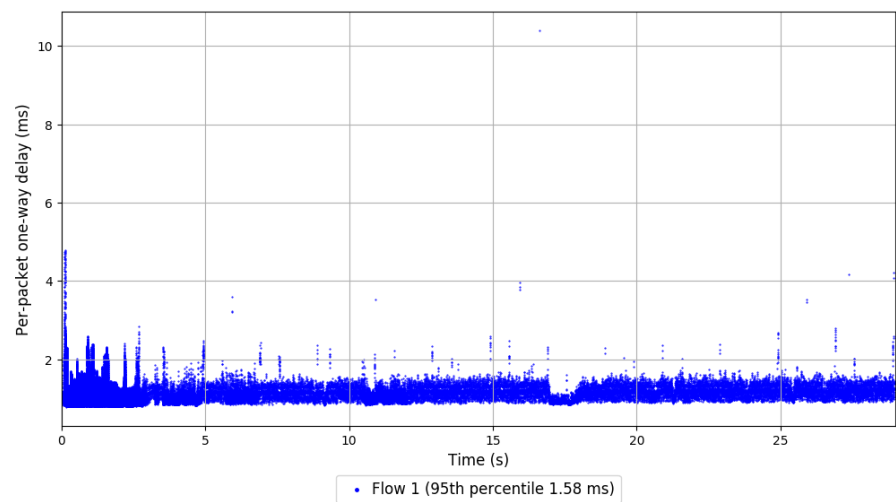
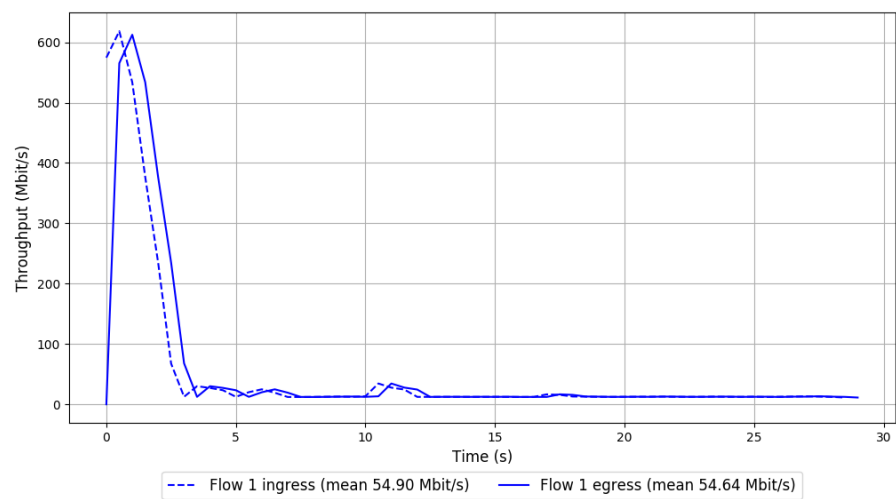
-- Flow 1:

Average throughput: 54.64 Mbit/s

95th percentile per-packet one-way delay: 1.579 ms

Loss rate: 0.47%

Run 3: Report of Indigo-MusesC5 — Data Link

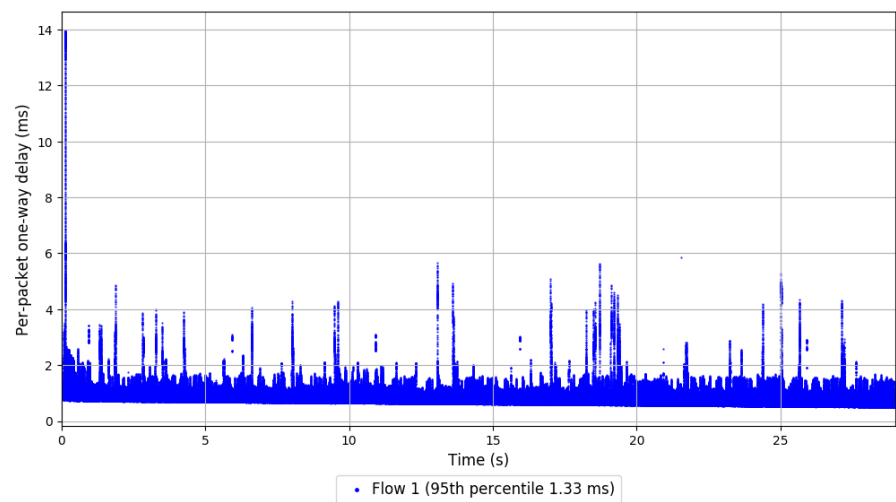
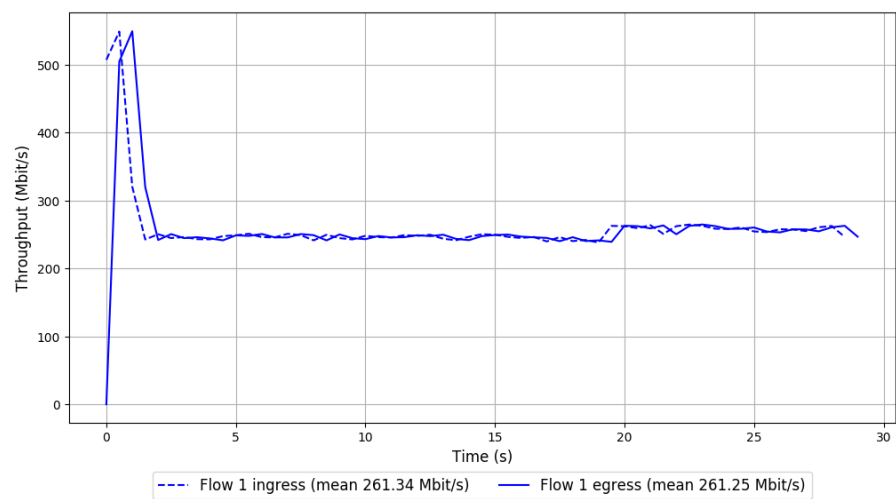


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-02-05 04:08:40
End at: 2019-02-05 04:09:10
Local clock offset: 3.261 ms
Remote clock offset: -4.676 ms

Below is generated by plot.py at 2019-02-05 05:23:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 261.25 Mbit/s
95th percentile per-packet one-way delay: 1.332 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 261.25 Mbit/s
95th percentile per-packet one-way delay: 1.332 ms
Loss rate: 0.03%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-02-05 04:37:31

End at: 2019-02-05 04:38:01

Local clock offset: 3.362 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.73 Mbit/s

95th percentile per-packet one-way delay: 1.640 ms

Loss rate: 0.30%

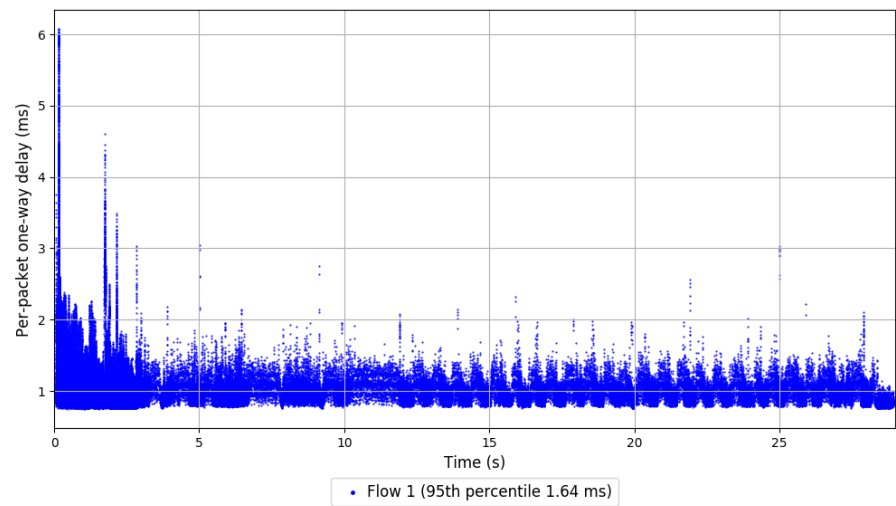
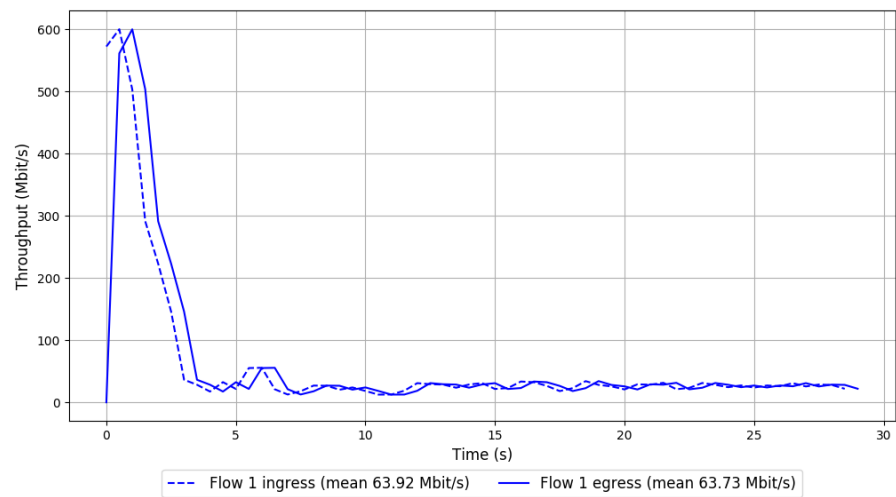
-- Flow 1:

Average throughput: 63.73 Mbit/s

95th percentile per-packet one-way delay: 1.640 ms

Loss rate: 0.30%

Run 5: Report of Indigo-MusesC5 — Data Link

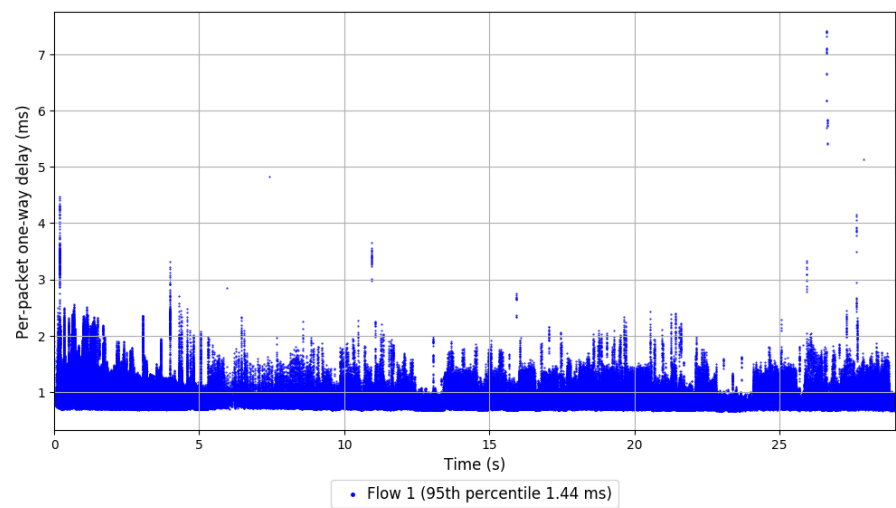
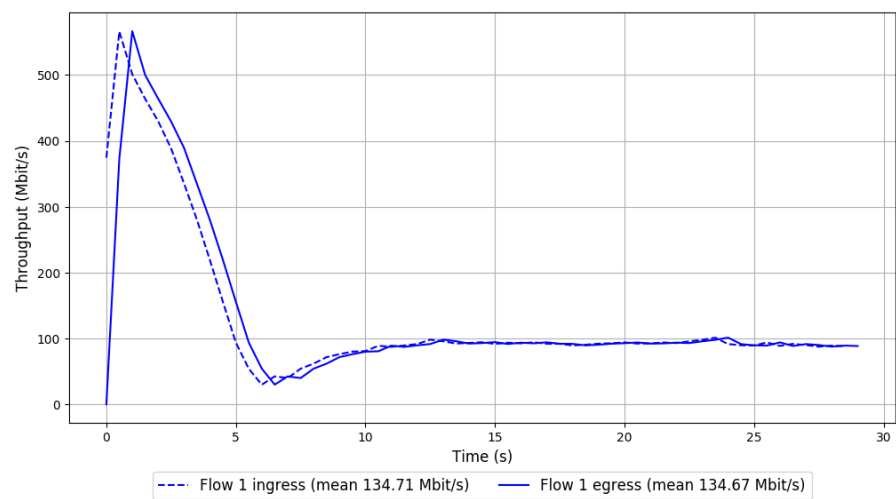


```
Run 1: Statistics of Indigo-MusesD

Start at: 2019-02-05 02:49:47
End at: 2019-02-05 02:50:17
Local clock offset: 3.707 ms
Remote clock offset: 1.343 ms

# Below is generated by plot.py at 2019-02-05 05:23:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 134.67 Mbit/s
95th percentile per-packet one-way delay: 1.439 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 134.67 Mbit/s
95th percentile per-packet one-way delay: 1.439 ms
Loss rate: 0.04%
```

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-02-05 03:18:25

End at: 2019-02-05 03:18:55

Local clock offset: 2.827 ms

Remote clock offset: -0.091 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 132.07 Mbit/s

95th percentile per-packet one-way delay: 1.170 ms

Loss rate: 0.05%

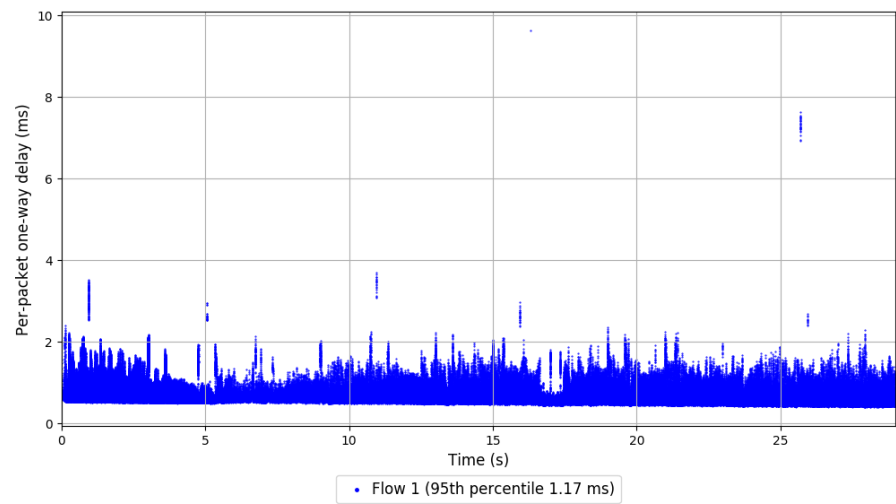
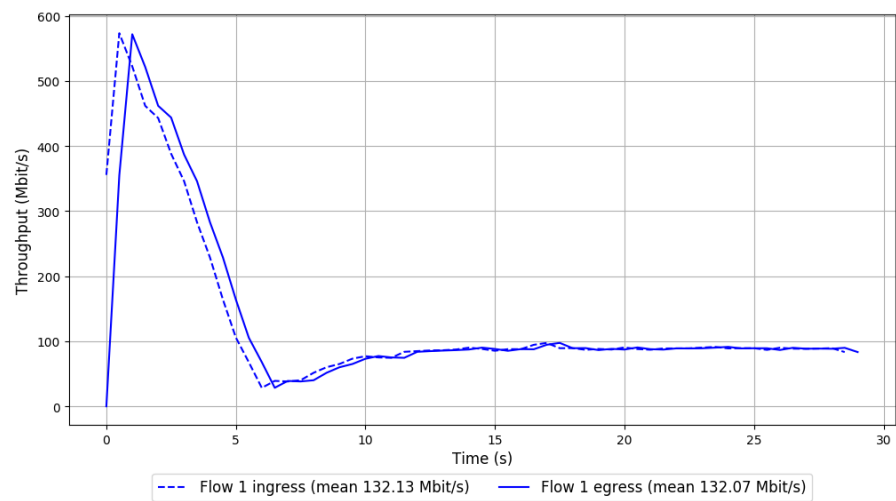
-- Flow 1:

Average throughput: 132.07 Mbit/s

95th percentile per-packet one-way delay: 1.170 ms

Loss rate: 0.05%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-02-05 03:46:54

End at: 2019-02-05 03:47:24

Local clock offset: -0.336 ms

Remote clock offset: -3.196 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.41 Mbit/s

95th percentile per-packet one-way delay: 1.731 ms

Loss rate: 0.01%

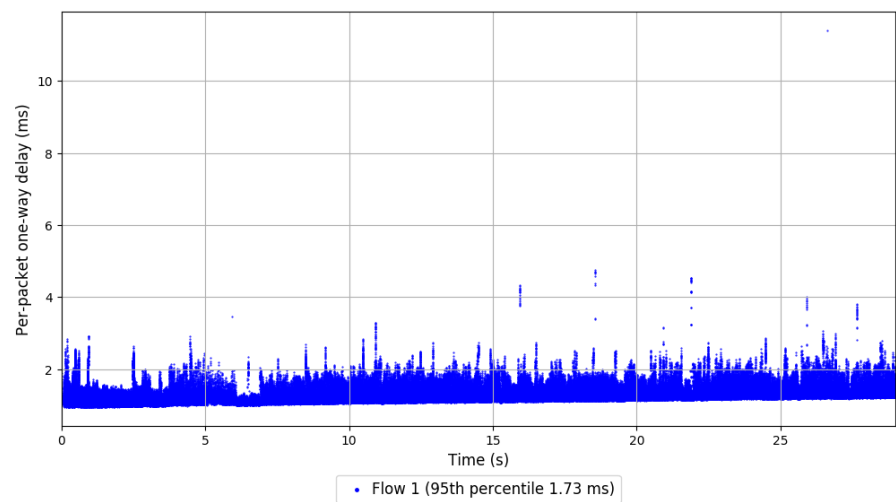
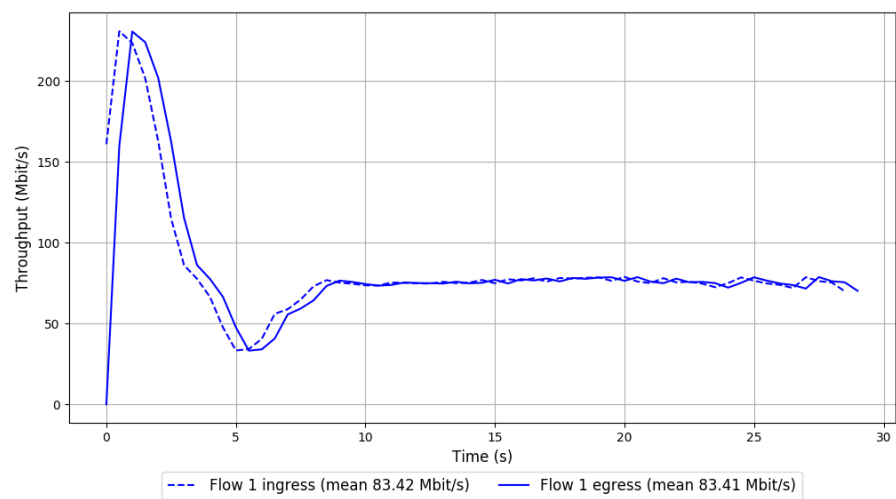
-- Flow 1:

Average throughput: 83.41 Mbit/s

95th percentile per-packet one-way delay: 1.731 ms

Loss rate: 0.01%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-02-05 04:15:39

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

Local clock offset: 3.584 ms

Remote clock offset: -2.033 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 132.63 Mbit/s

95th percentile per-packet one-way delay: 1.465 ms

Loss rate: 0.05%

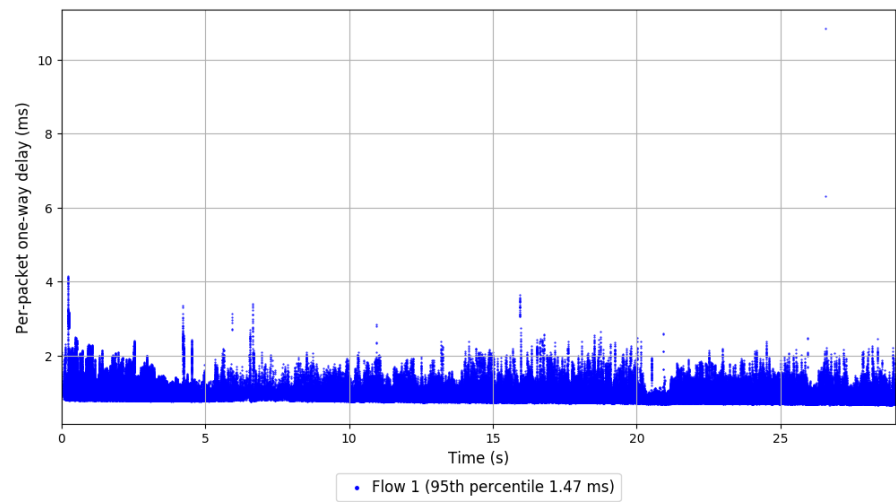
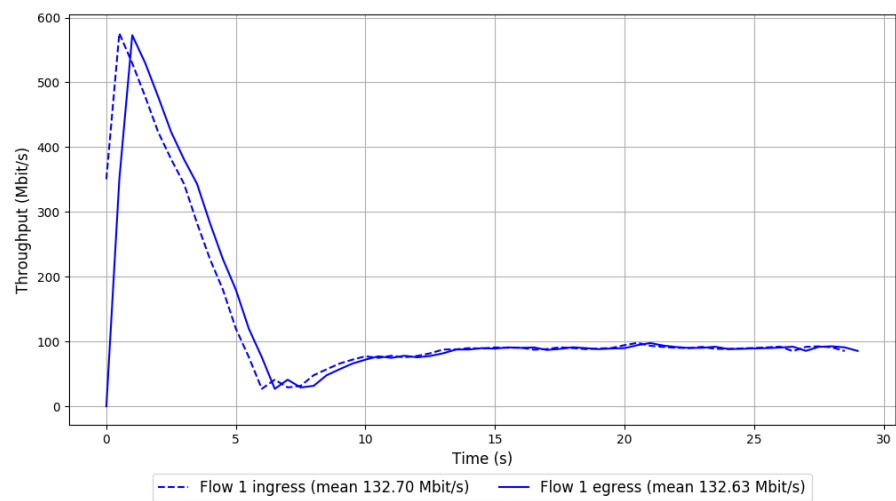
-- Flow 1:

Average throughput: 132.63 Mbit/s

95th percentile per-packet one-way delay: 1.465 ms

Loss rate: 0.05%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-02-05 04:44:27

End at: 2019-02-05 04:44:57

Local clock offset: 3.438 ms

Remote clock offset: 0.06 ms

Below is generated by plot.py at 2019-02-05 05:23:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.23 Mbit/s

95th percentile per-packet one-way delay: 1.394 ms

Loss rate: 0.00%

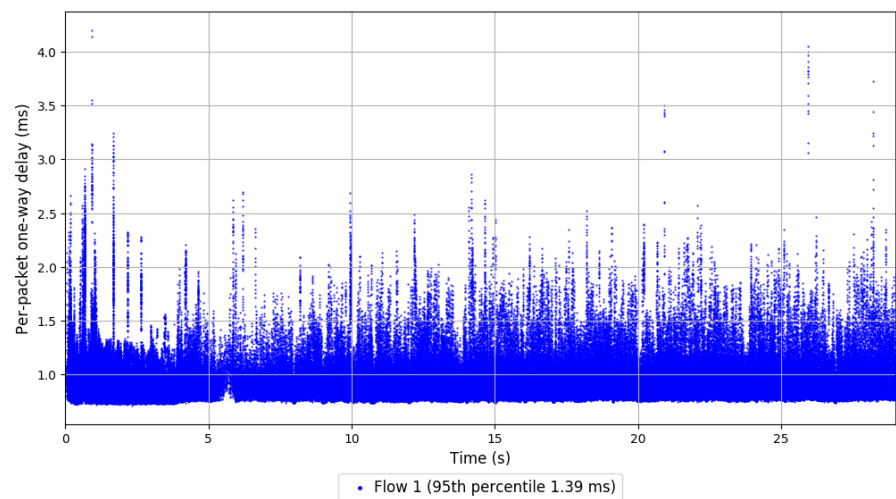
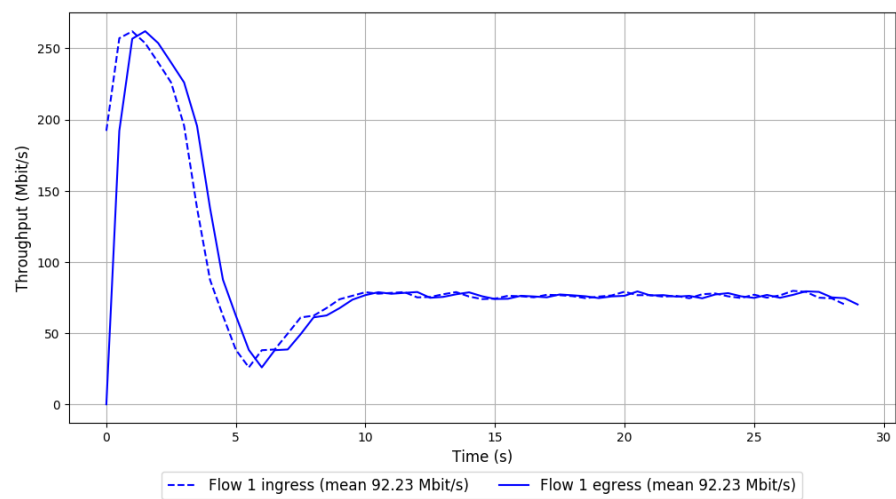
-- Flow 1:

Average throughput: 92.23 Mbit/s

95th percentile per-packet one-way delay: 1.394 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link

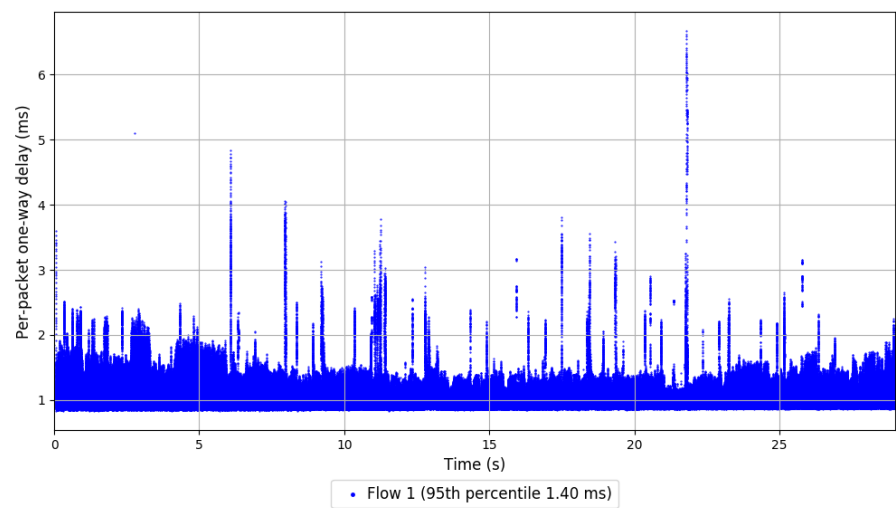
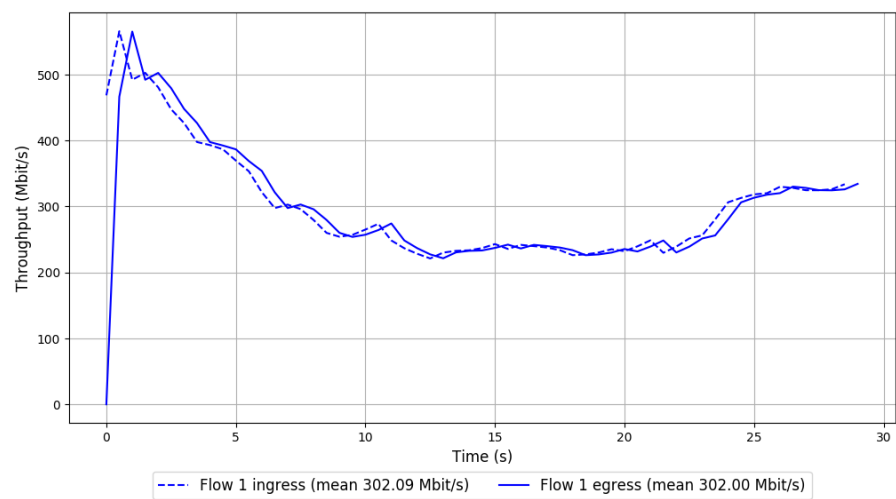


```
Run 1: Statistics of Indigo-MusesT

Start at: 2019-02-05 02:28:09
End at: 2019-02-05 02:28:39
Local clock offset: 2.696 ms
Remote clock offset: 0.566 ms

# Below is generated by plot.py at 2019-02-05 05:23:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 302.00 Mbit/s
95th percentile per-packet one-way delay: 1.403 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 302.00 Mbit/s
95th percentile per-packet one-way delay: 1.403 ms
Loss rate: 0.03%
```

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-02-05 02:57:13

End at: 2019-02-05 02:57:43

Local clock offset: 3.48 ms

Remote clock offset: 1.673 ms

Below is generated by plot.py at 2019-02-05 05:23:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 322.67 Mbit/s

95th percentile per-packet one-way delay: 1.421 ms

Loss rate: 0.02%

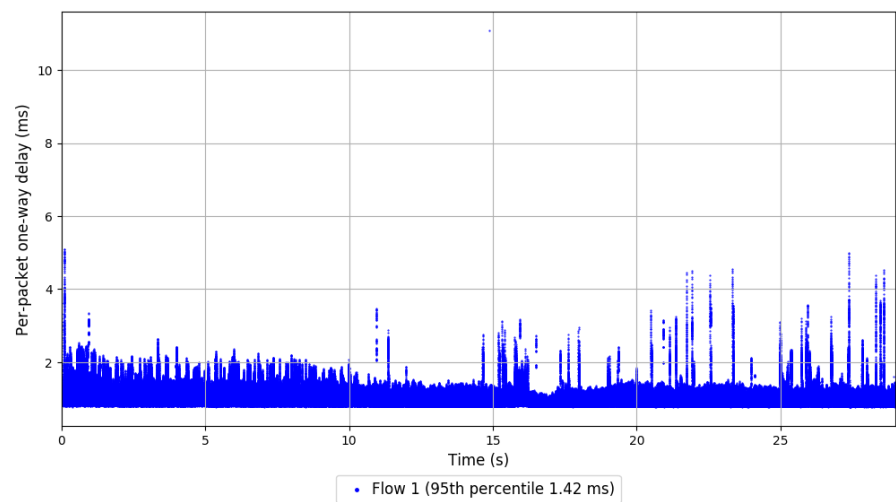
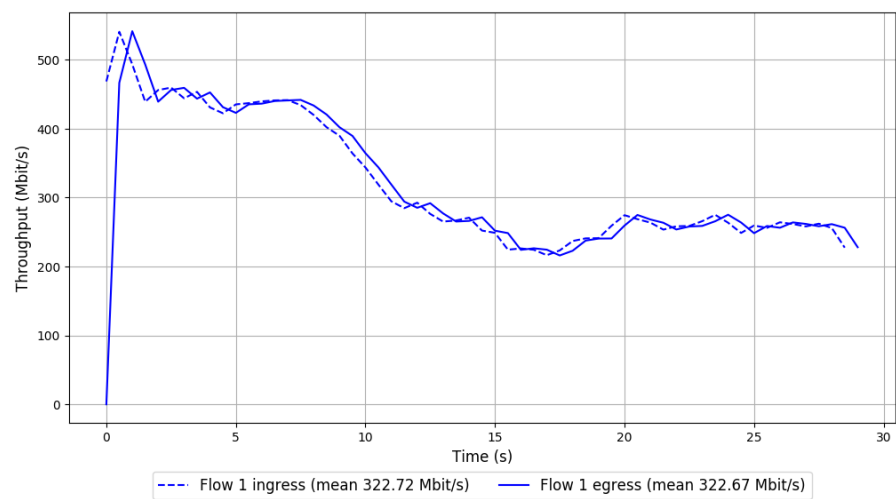
-- Flow 1:

Average throughput: 322.67 Mbit/s

95th percentile per-packet one-way delay: 1.421 ms

Loss rate: 0.02%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-02-05 03:25:48

End at: 2019-02-05 03:26:18

Local clock offset: 1.034 ms

Remote clock offset: -0.15 ms

Below is generated by plot.py at 2019-02-05 05:23:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 333.82 Mbit/s

95th percentile per-packet one-way delay: 1.209 ms

Loss rate: 0.01%

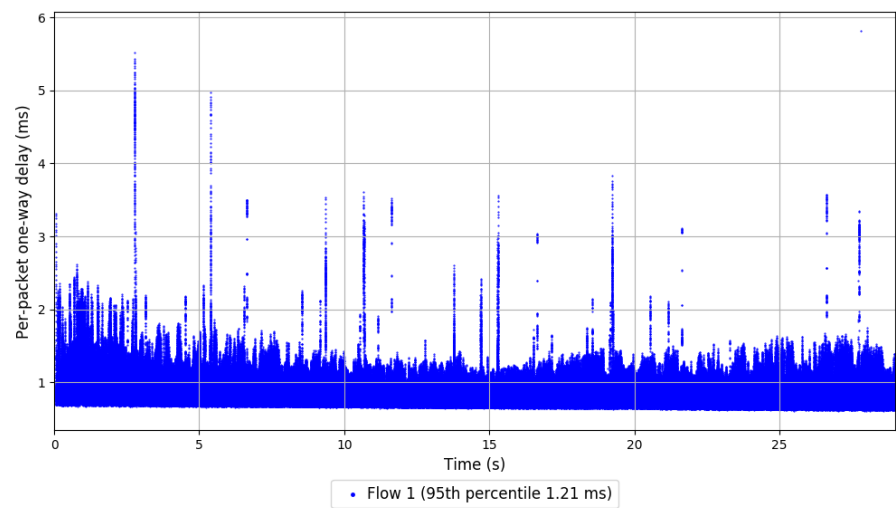
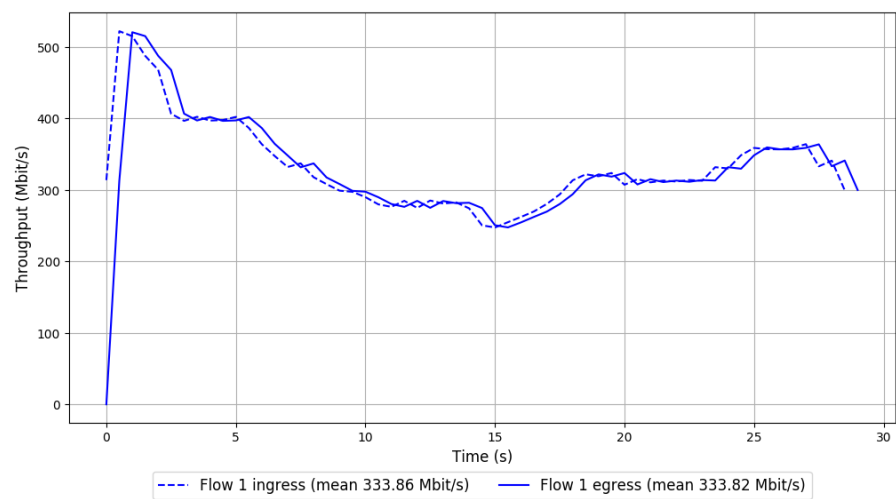
-- Flow 1:

Average throughput: 333.82 Mbit/s

95th percentile per-packet one-way delay: 1.209 ms

Loss rate: 0.01%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-02-05 03:54:12

End at: 2019-02-05 03:54:42

Local clock offset: 1.753 ms

Remote clock offset: -3.878 ms

Below is generated by plot.py at 2019-02-05 05:24:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 373.45 Mbit/s

95th percentile per-packet one-way delay: 1.549 ms

Loss rate: 0.01%

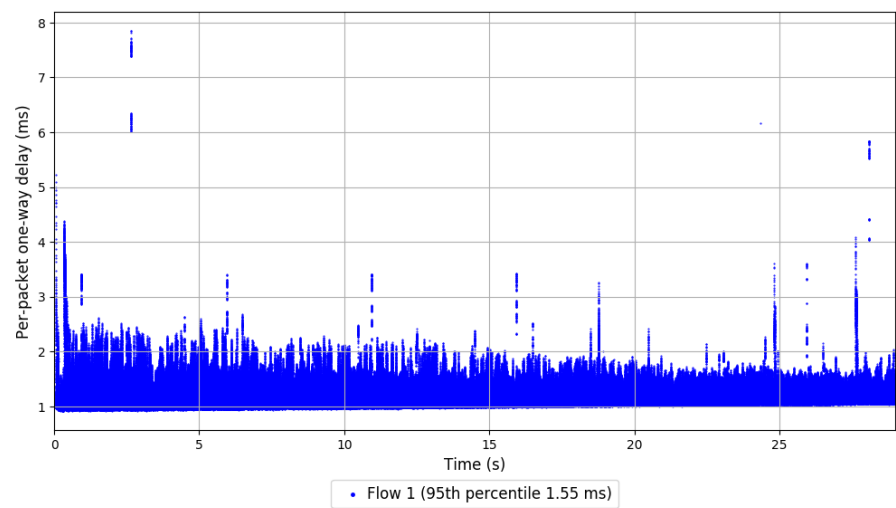
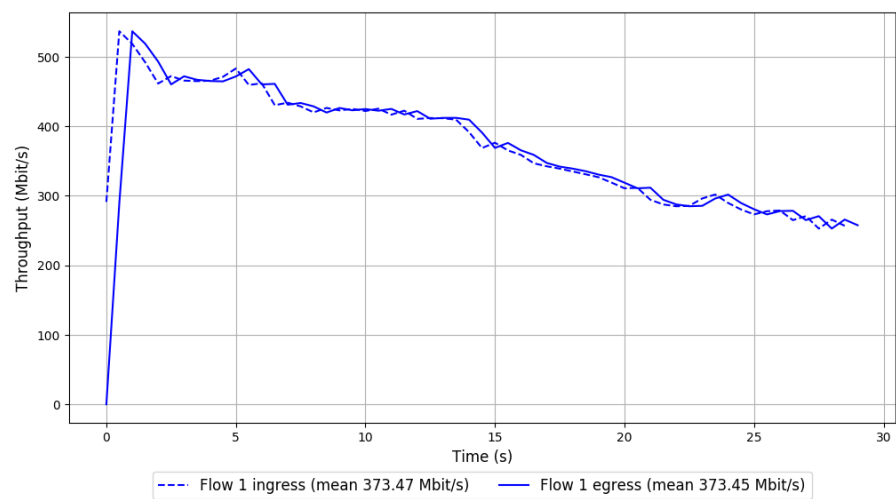
-- Flow 1:

Average throughput: 373.45 Mbit/s

95th percentile per-packet one-way delay: 1.549 ms

Loss rate: 0.01%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-02-05 04:23:02

End at: 2019-02-05 04:23:32

Local clock offset: 3.364 ms

Remote clock offset: -0.736 ms

Below is generated by plot.py at 2019-02-05 05:24:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 353.95 Mbit/s

95th percentile per-packet one-way delay: 1.399 ms

Loss rate: 0.01%

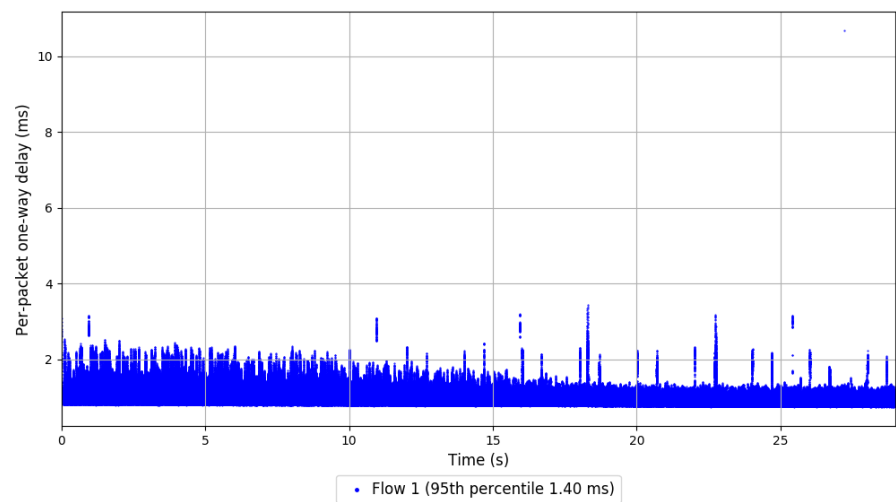
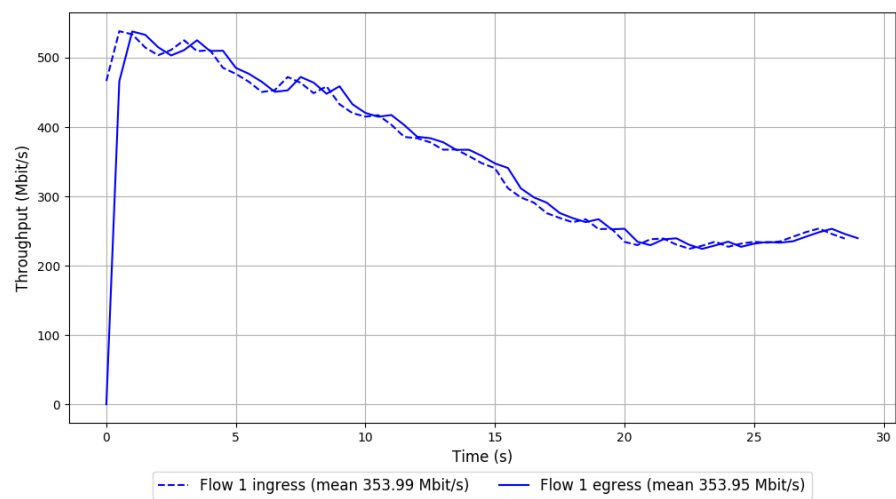
-- Flow 1:

Average throughput: 353.95 Mbit/s

95th percentile per-packet one-way delay: 1.399 ms

Loss rate: 0.01%

Run 5: Report of Indigo-MusesT — Data Link

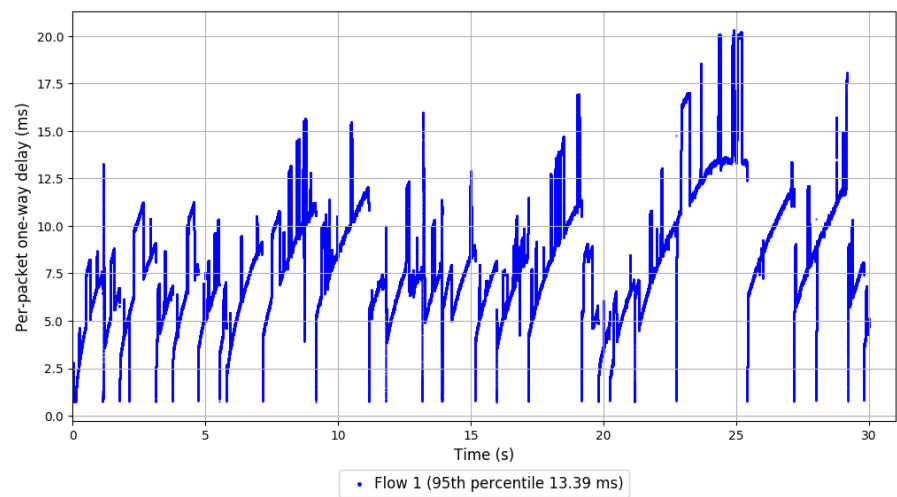
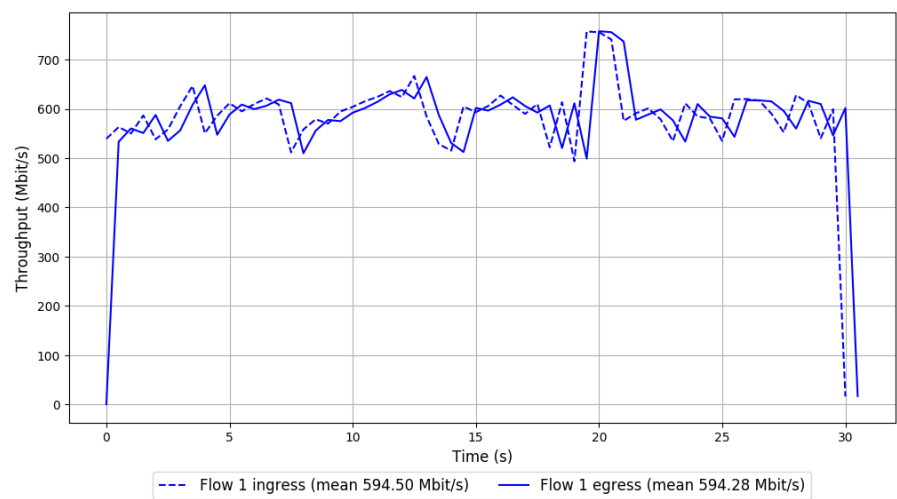


```
Run 1: Statistics of LEDBAT

Start at: 2019-02-05 02:37:11
End at: 2019-02-05 02:37:41
Local clock offset: 3.455 ms
Remote clock offset: 0.867 ms

# Below is generated by plot.py at 2019-02-05 05:27:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 594.28 Mbit/s
95th percentile per-packet one-way delay: 13.389 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 594.28 Mbit/s
95th percentile per-packet one-way delay: 13.389 ms
Loss rate: 0.04%
```

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

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

End at: 2019-02-05 03:06:44

Local clock offset: 3.499 ms

Remote clock offset: 0.747 ms

Below is generated by plot.py at 2019-02-05 05:28:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 448.14 Mbit/s

95th percentile per-packet one-way delay: 10.811 ms

Loss rate: 0.11%

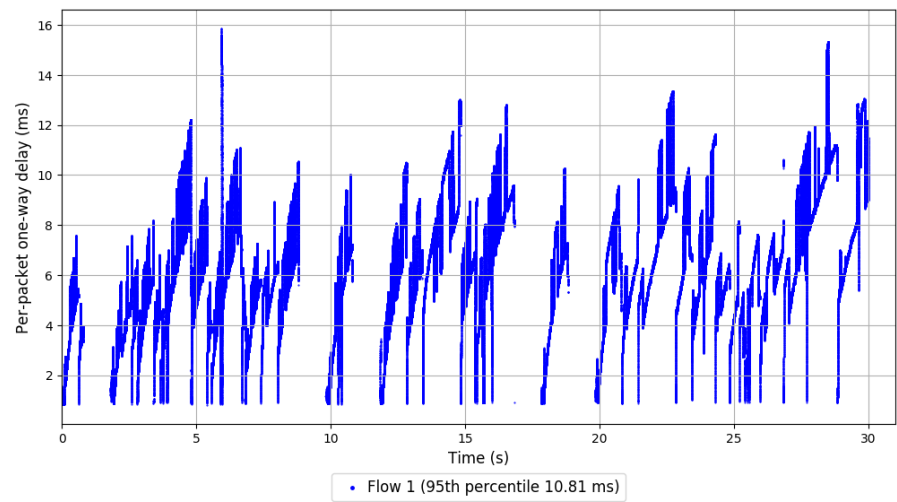
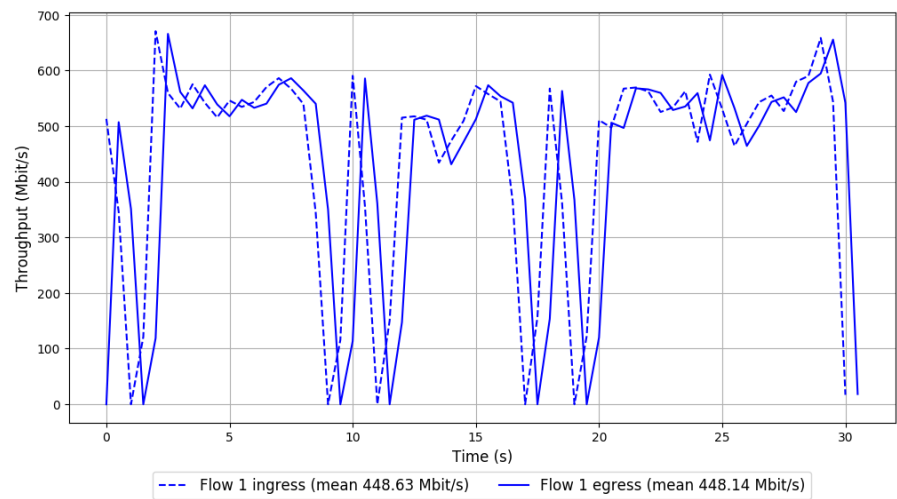
-- Flow 1:

Average throughput: 448.14 Mbit/s

95th percentile per-packet one-way delay: 10.811 ms

Loss rate: 0.11%

Run 2: Report of LEDBAT — Data Link

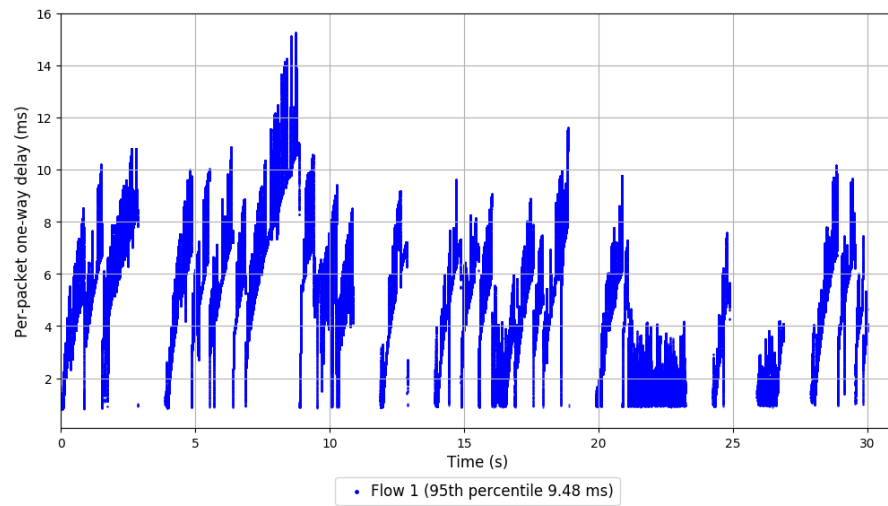
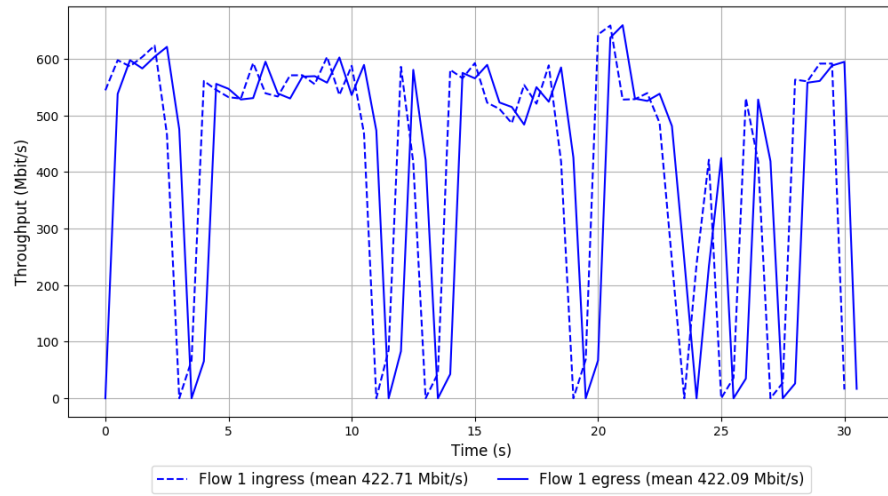


Run 3: Statistics of LEDBAT

Start at: 2019-02-05 03:34:51
End at: 2019-02-05 03:35:21
Local clock offset: -0.011 ms
Remote clock offset: -0.542 ms

Below is generated by plot.py at 2019-02-05 05:28:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 422.09 Mbit/s
95th percentile per-packet one-way delay: 9.478 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 422.09 Mbit/s
95th percentile per-packet one-way delay: 9.478 ms
Loss rate: 0.15%

Run 3: Report of LEDBAT — Data Link

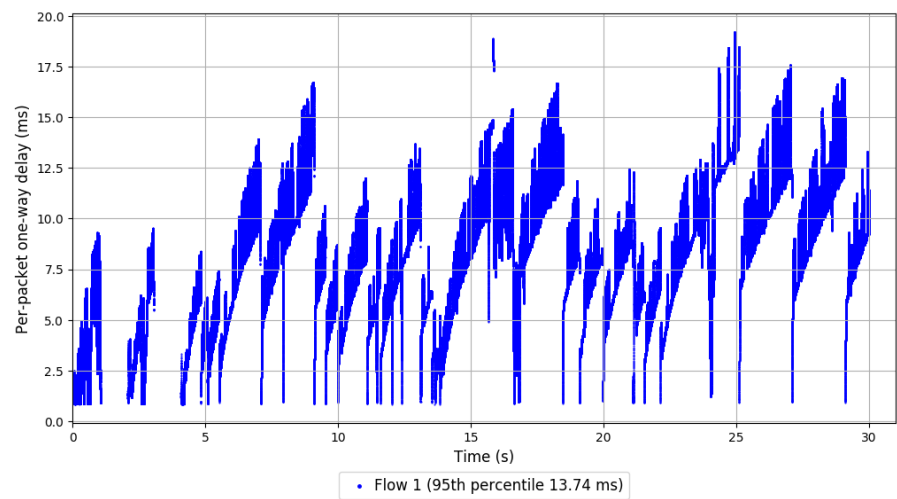
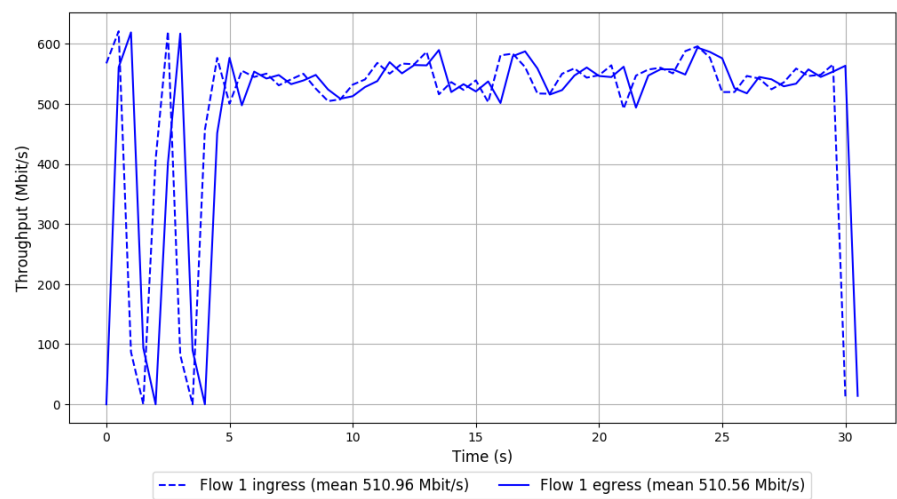


Run 4: Statistics of LEDBAT

Start at: 2019-02-05 04:03:15
End at: 2019-02-05 04:03:45
Local clock offset: 2.902 ms
Remote clock offset: -4.597 ms

Below is generated by plot.py at 2019-02-05 05:29:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 510.56 Mbit/s
95th percentile per-packet one-way delay: 13.742 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 510.56 Mbit/s
95th percentile per-packet one-way delay: 13.742 ms
Loss rate: 0.08%

Run 4: Report of LEDBAT — Data Link

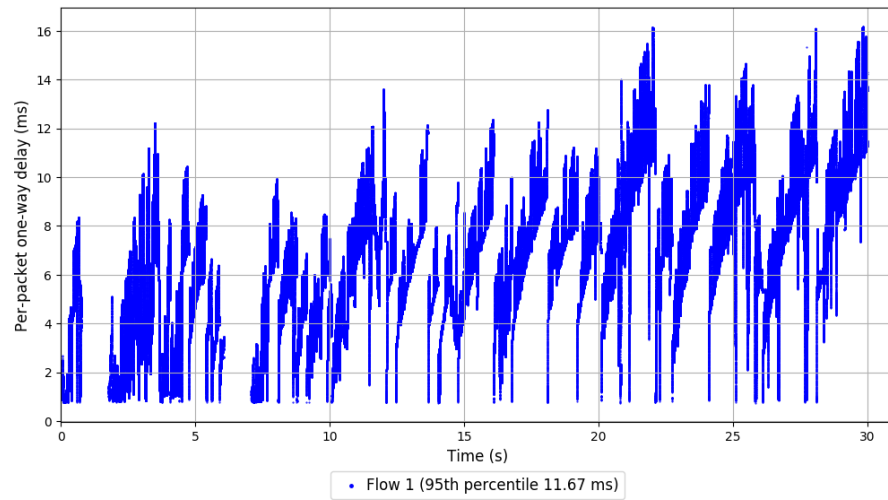
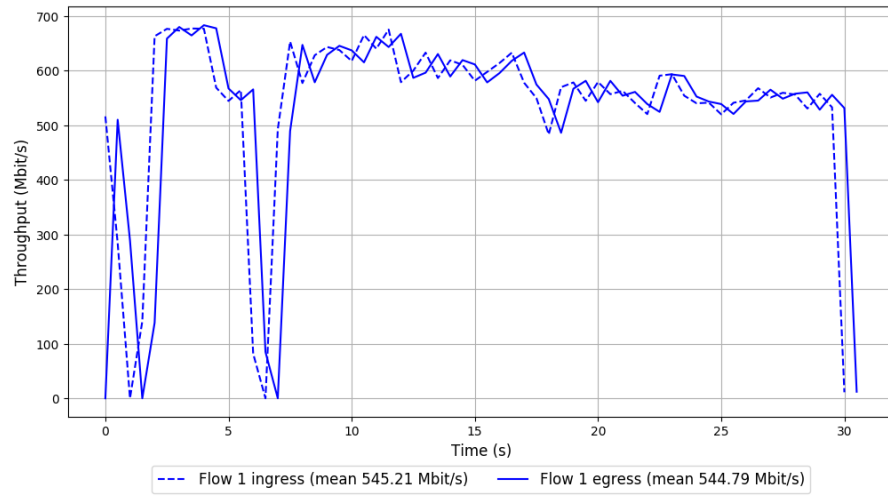


Run 5: Statistics of LEDBAT

Start at: 2019-02-05 04:32:06
End at: 2019-02-05 04:32:36
Local clock offset: 3.311 ms
Remote clock offset: -0.159 ms

Below is generated by plot.py at 2019-02-05 05:29:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 544.79 Mbit/s
95th percentile per-packet one-way delay: 11.671 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 544.79 Mbit/s
95th percentile per-packet one-way delay: 11.671 ms
Loss rate: 0.08%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-02-05 02:46:55

End at: 2019-02-05 02:47:25

Local clock offset: 3.87 ms

Remote clock offset: 1.216 ms

Below is generated by plot.py at 2019-02-05 05:32:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 736.08 Mbit/s

95th percentile per-packet one-way delay: 2.351 ms

Loss rate: 0.10%

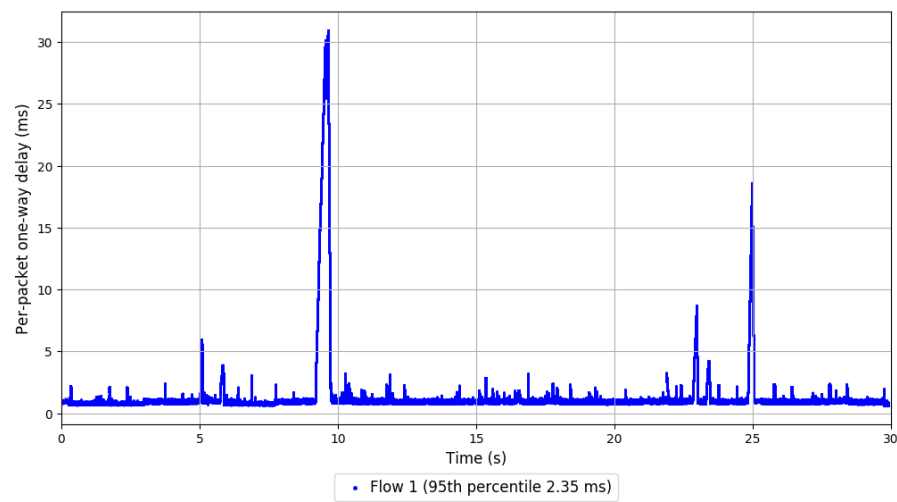
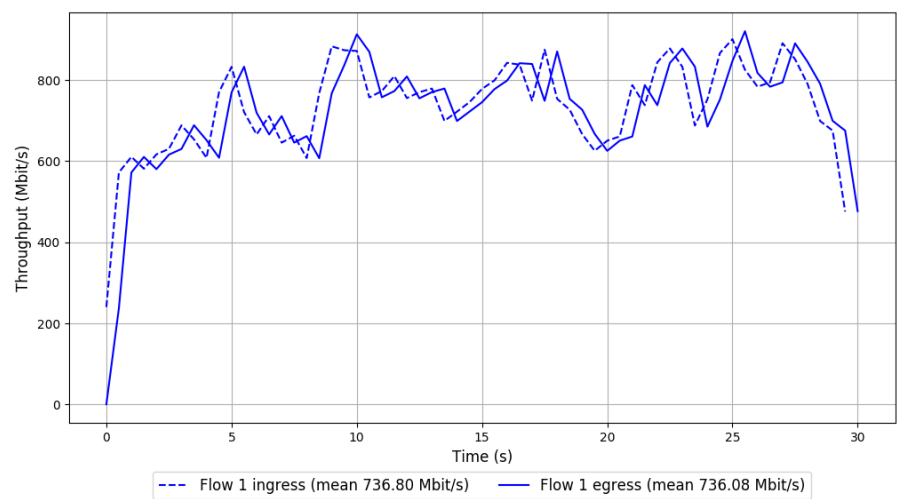
-- Flow 1:

Average throughput: 736.08 Mbit/s

95th percentile per-packet one-way delay: 2.351 ms

Loss rate: 0.10%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-02-05 03:15:43

End at: 2019-02-05 03:16:14

Local clock offset: 3.651 ms

Remote clock offset: 0.054 ms

Below is generated by plot.py at 2019-02-05 05:32:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 243.05 Mbit/s

95th percentile per-packet one-way delay: 2.119 ms

Loss rate: 0.07%

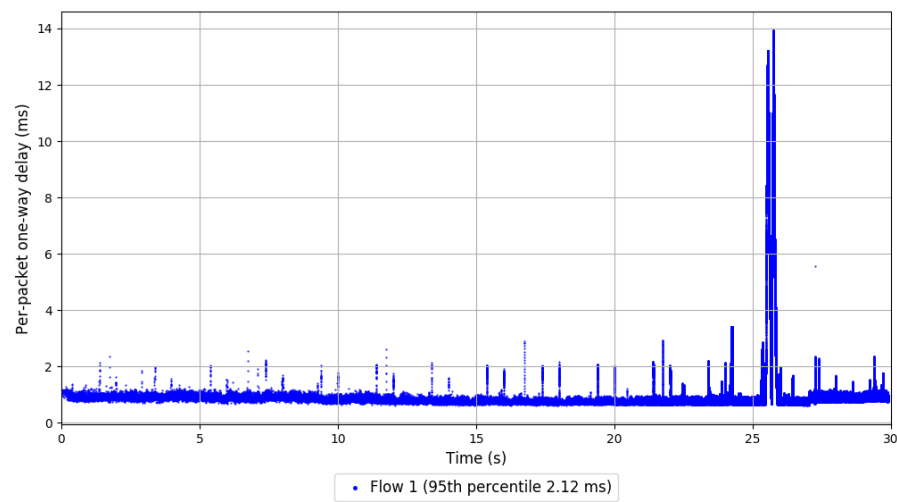
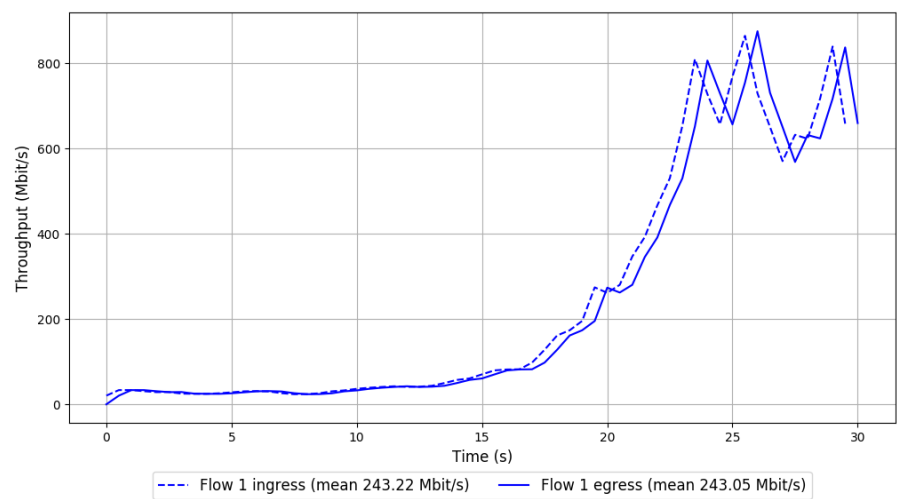
-- Flow 1:

Average throughput: 243.05 Mbit/s

95th percentile per-packet one-way delay: 2.119 ms

Loss rate: 0.07%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-02-05 03:44:08

End at: 2019-02-05 03:44:38

Local clock offset: -0.576 ms

Remote clock offset: -2.735 ms

Below is generated by plot.py at 2019-02-05 05:32:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 501.05 Mbit/s

95th percentile per-packet one-way delay: 1.964 ms

Loss rate: 0.32%

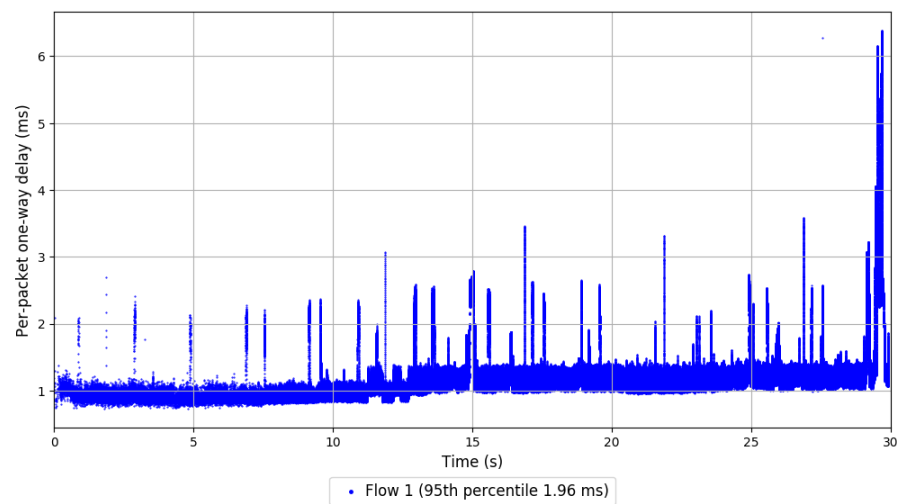
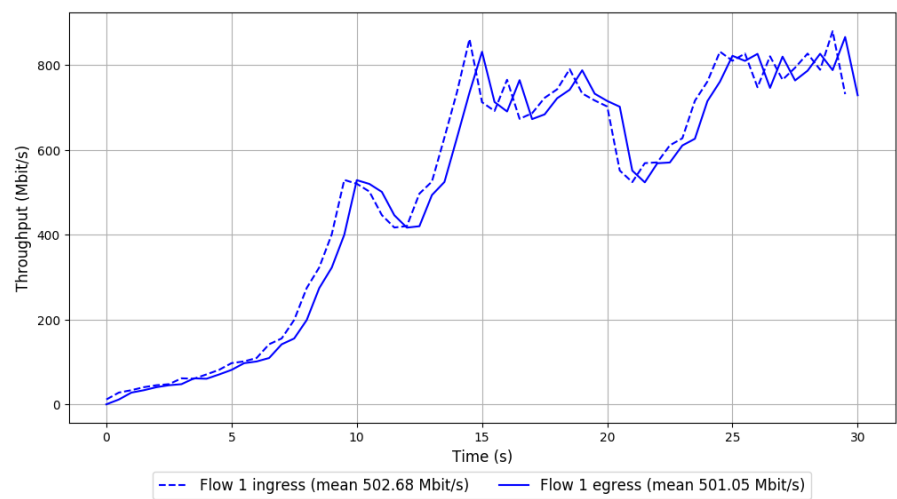
-- Flow 1:

Average throughput: 501.05 Mbit/s

95th percentile per-packet one-way delay: 1.964 ms

Loss rate: 0.32%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-02-05 04:12:51

End at: 2019-02-05 04:13:21

Local clock offset: 3.47 ms

Remote clock offset: -2.915 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 627.06 Mbit/s

95th percentile per-packet one-way delay: 15.266 ms

Loss rate: 0.16%

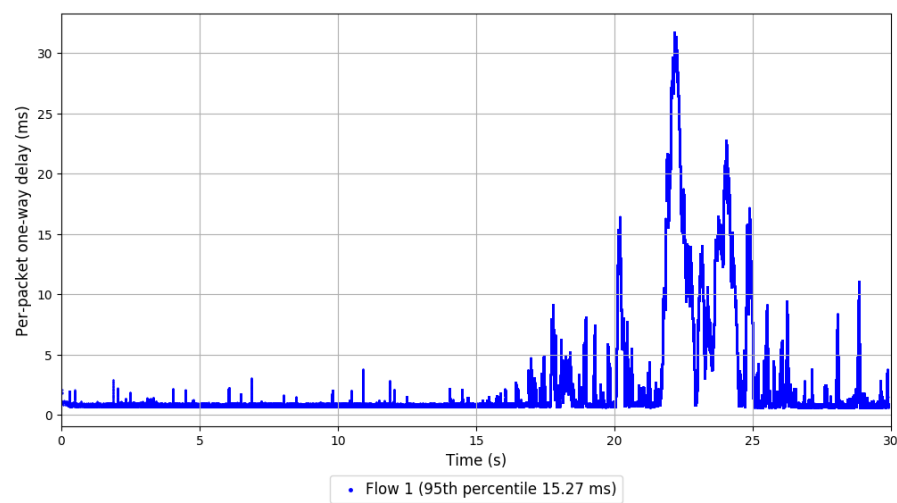
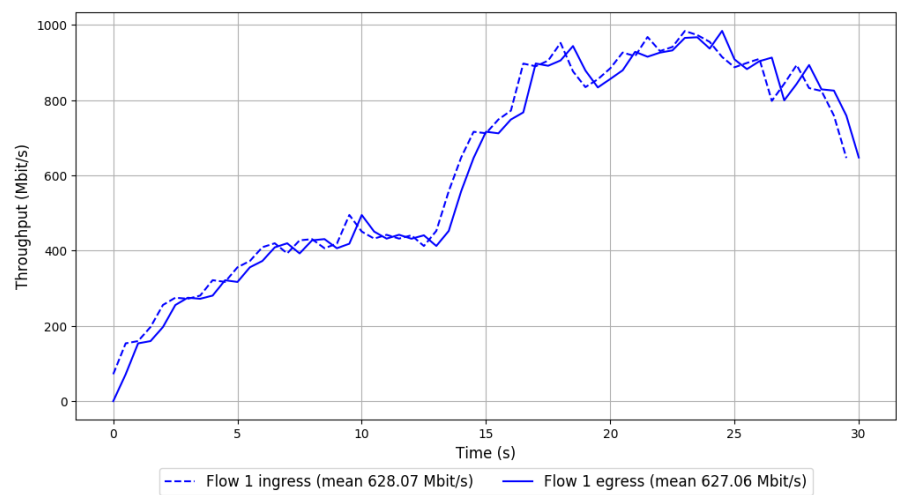
-- Flow 1:

Average throughput: 627.06 Mbit/s

95th percentile per-packet one-way delay: 15.266 ms

Loss rate: 0.16%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-02-05 04:41:41

End at: 2019-02-05 04:42:11

Local clock offset: 3.413 ms

Remote clock offset: 0.147 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 557.91 Mbit/s

95th percentile per-packet one-way delay: 1.822 ms

Loss rate: 0.11%

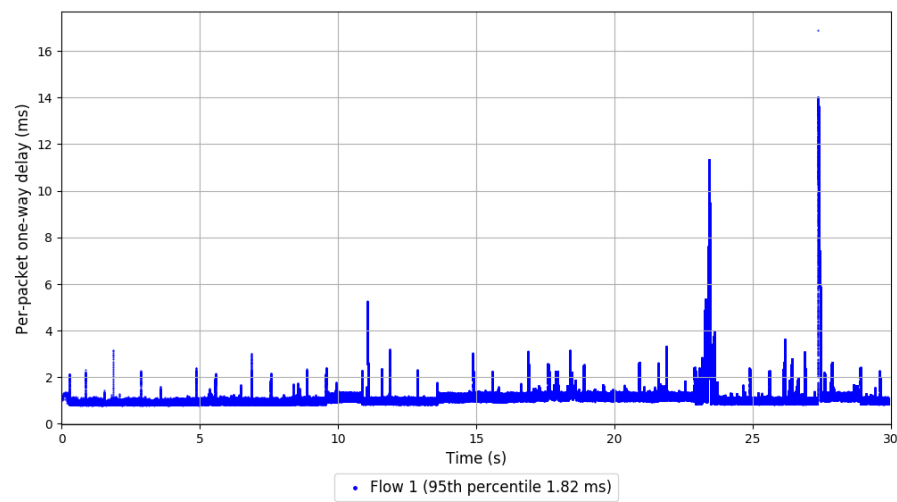
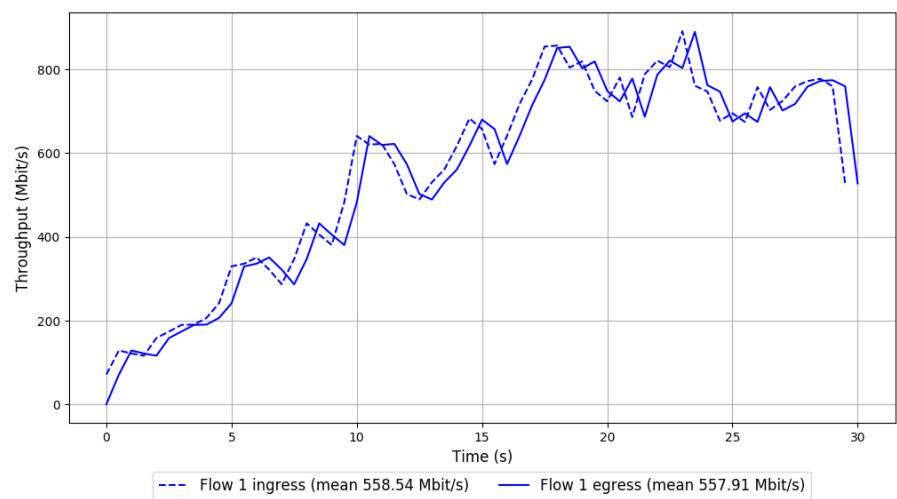
-- Flow 1:

Average throughput: 557.91 Mbit/s

95th percentile per-packet one-way delay: 1.822 ms

Loss rate: 0.11%

Run 5: Report of PCC-Allegro — Data Link

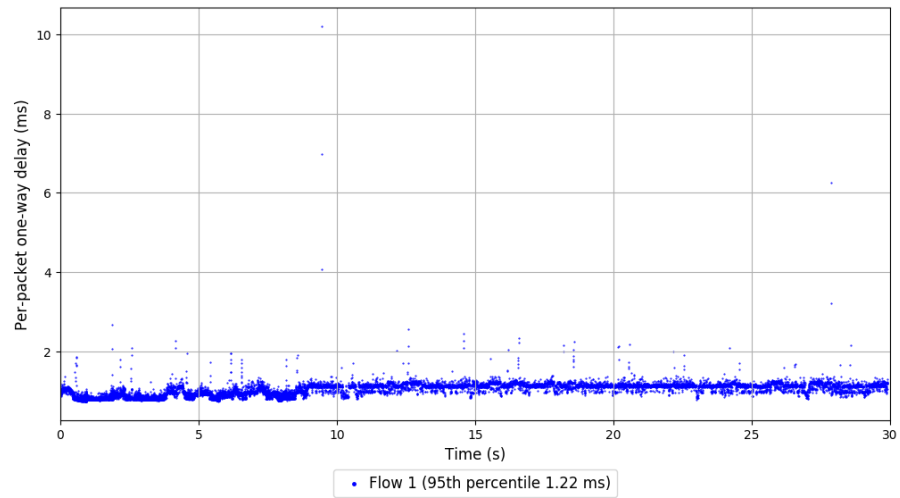
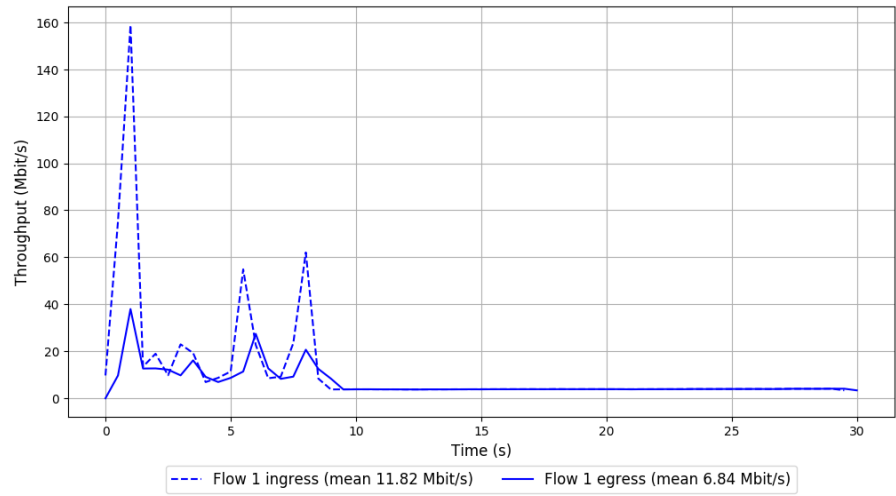


```
Run 1: Statistics of PCC-Expr

Start at: 2019-02-05 02:32:00
End at: 2019-02-05 02:32:30
Local clock offset: 3.085 ms
Remote clock offset: 0.658 ms

# Below is generated by plot.py at 2019-02-05 05:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.84 Mbit/s
95th percentile per-packet one-way delay: 1.220 ms
Loss rate: 42.13%
-- Flow 1:
Average throughput: 6.84 Mbit/s
95th percentile per-packet one-way delay: 1.220 ms
Loss rate: 42.13%
```

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2019-02-05 03:01:06

End at: 2019-02-05 03:01:36

Local clock offset: 3.478 ms

Remote clock offset: 1.309 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.93 Mbit/s

95th percentile per-packet one-way delay: 1.265 ms

Loss rate: 16.00%

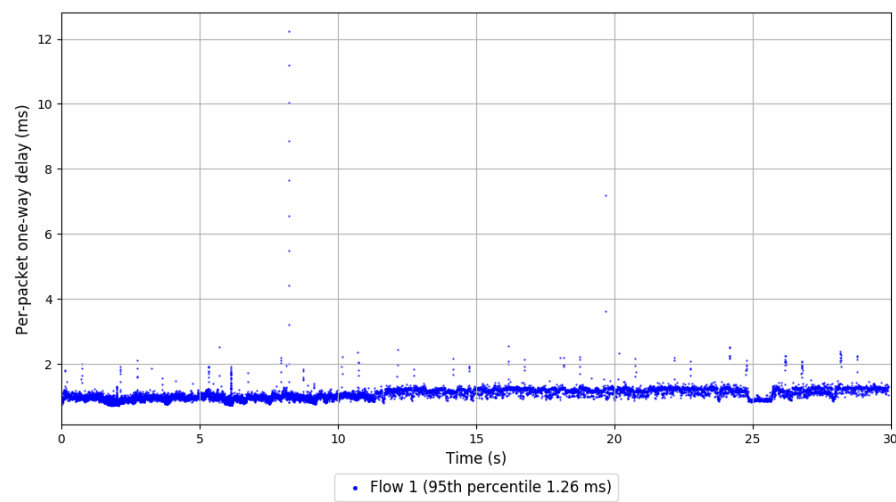
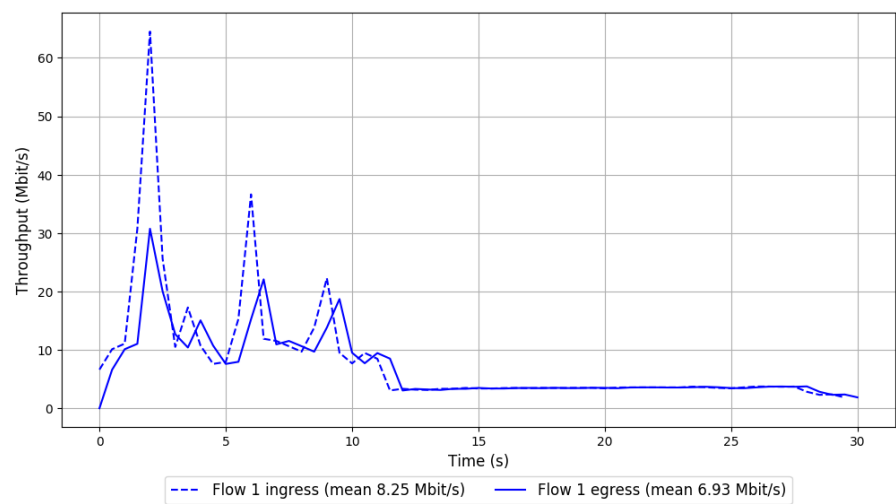
-- Flow 1:

Average throughput: 6.93 Mbit/s

95th percentile per-packet one-way delay: 1.265 ms

Loss rate: 16.00%

Run 2: Report of PCC-Expr — Data Link

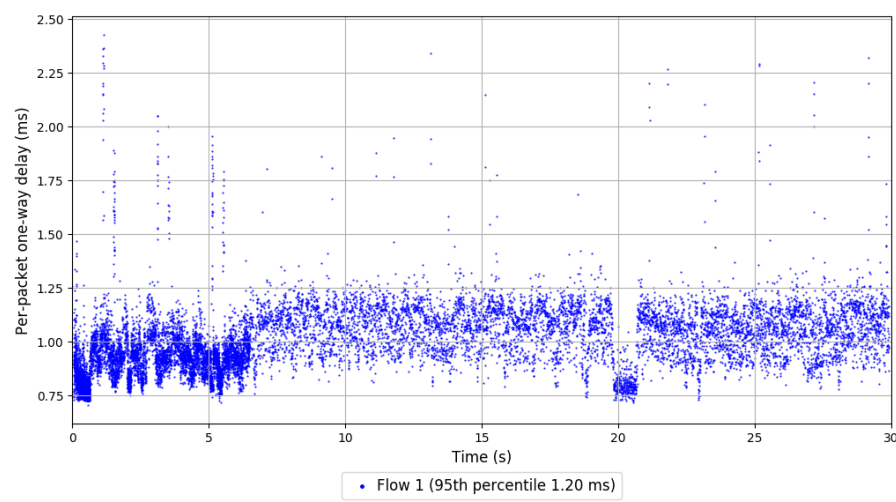
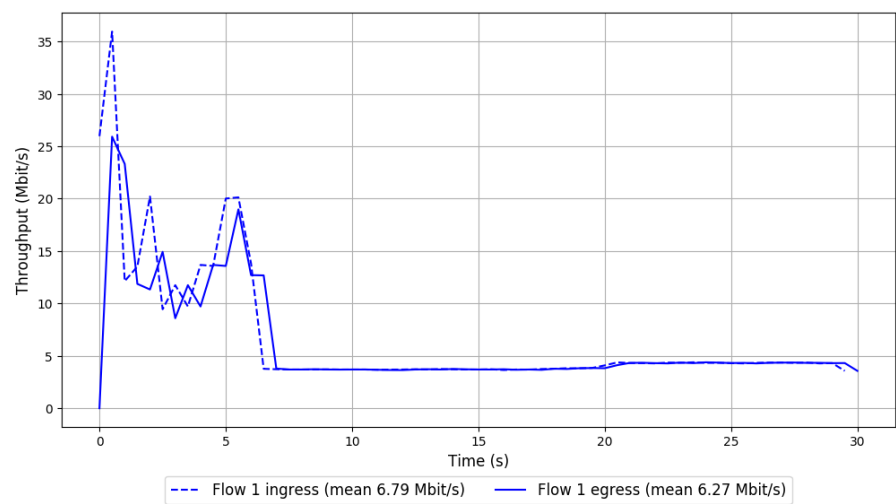


Run 3: Statistics of PCC-Expr

Start at: 2019-02-05 03:29:41
End at: 2019-02-05 03:30:11
Local clock offset: 0.494 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2019-02-05 05:34:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 7.63%
-- Flow 1:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 7.63%

Run 3: Report of PCC-Expr — Data Link

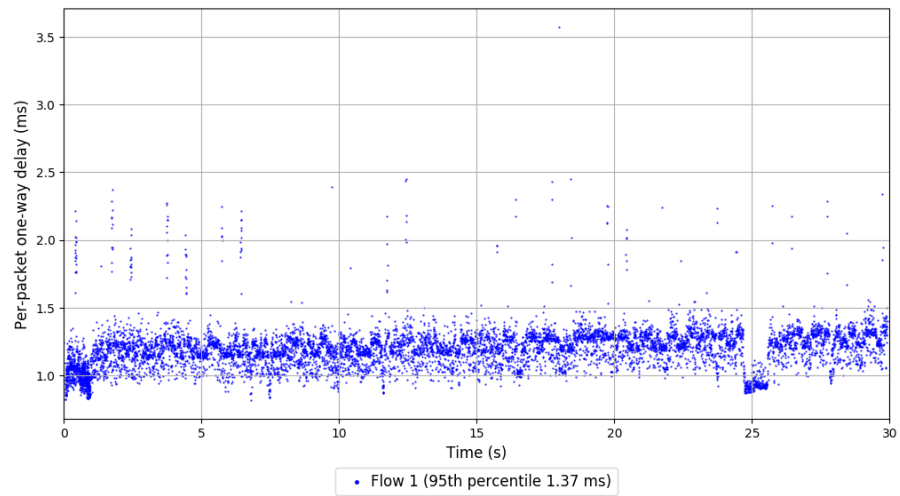
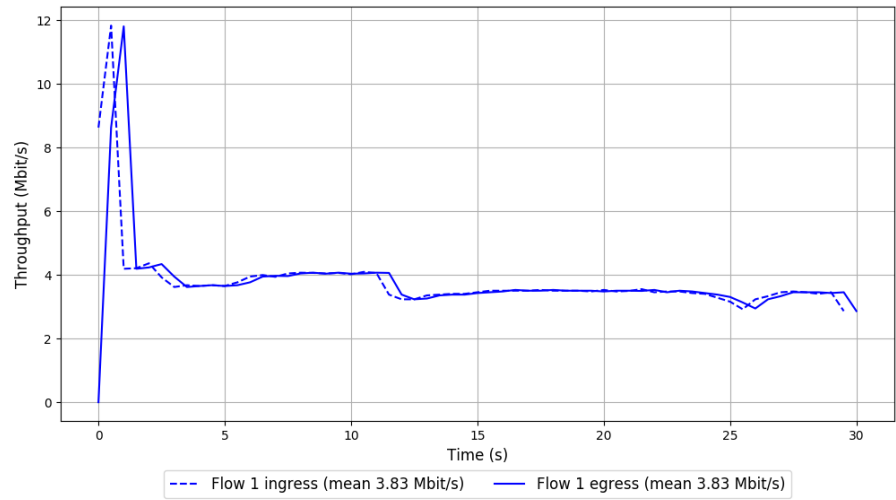


Run 4: Statistics of PCC-Expr

Start at: 2019-02-05 03:58:06
End at: 2019-02-05 03:58:36
Local clock offset: 2.381 ms
Remote clock offset: -4.311 ms

Below is generated by plot.py at 2019-02-05 05:34:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 1.366 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 1.366 ms
Loss rate: 0.00%

Run 4: Report of PCC-Expr — Data Link

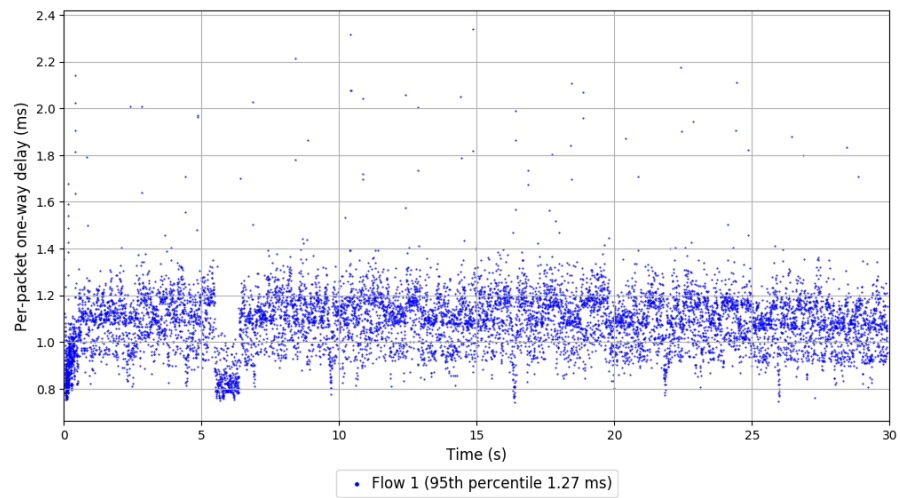
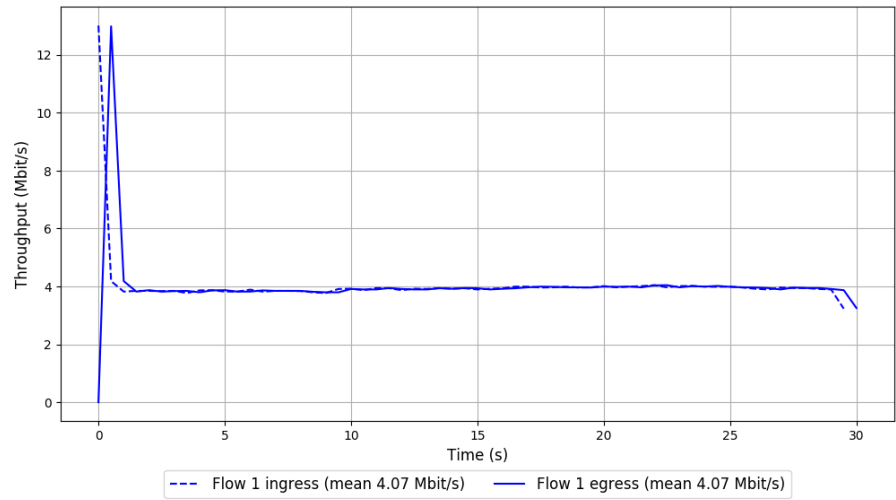


Run 5: Statistics of PCC-Expr

Start at: 2019-02-05 04:26:55
End at: 2019-02-05 04:27:25
Local clock offset: 3.324 ms
Remote clock offset: -0.466 ms

Below is generated by plot.py at 2019-02-05 05:34:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 1.266 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 1.266 ms
Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-02-05 02:29:31

End at: 2019-02-05 02:30:01

Local clock offset: 2.855 ms

Remote clock offset: 0.566 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.01 Mbit/s

95th percentile per-packet one-way delay: 0.927 ms

Loss rate: 0.00%

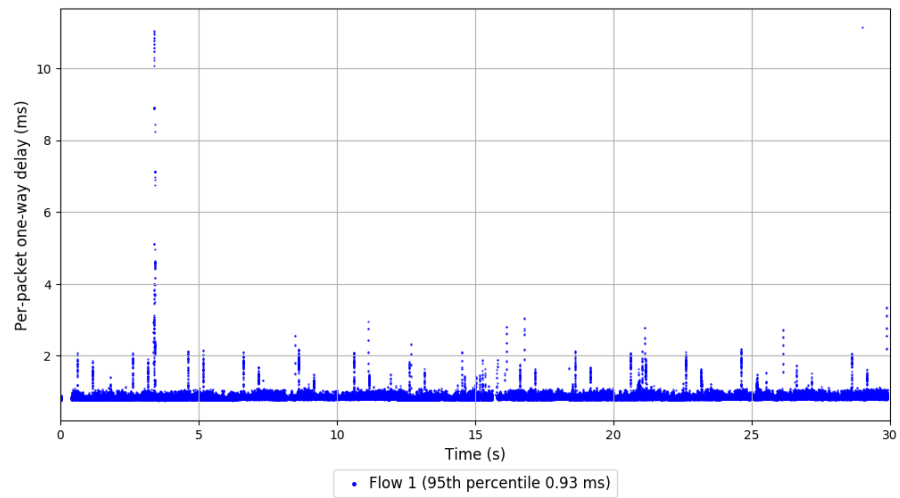
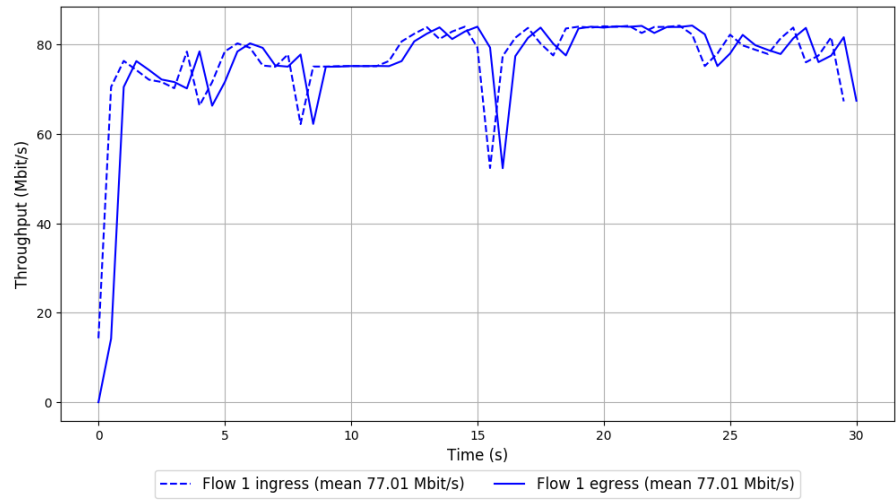
-- Flow 1:

Average throughput: 77.01 Mbit/s

95th percentile per-packet one-way delay: 0.927 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-02-05 02:58:37

End at: 2019-02-05 02:59:07

Local clock offset: 3.478 ms

Remote clock offset: 1.633 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.96 Mbit/s

95th percentile per-packet one-way delay: 0.866 ms

Loss rate: 0.00%

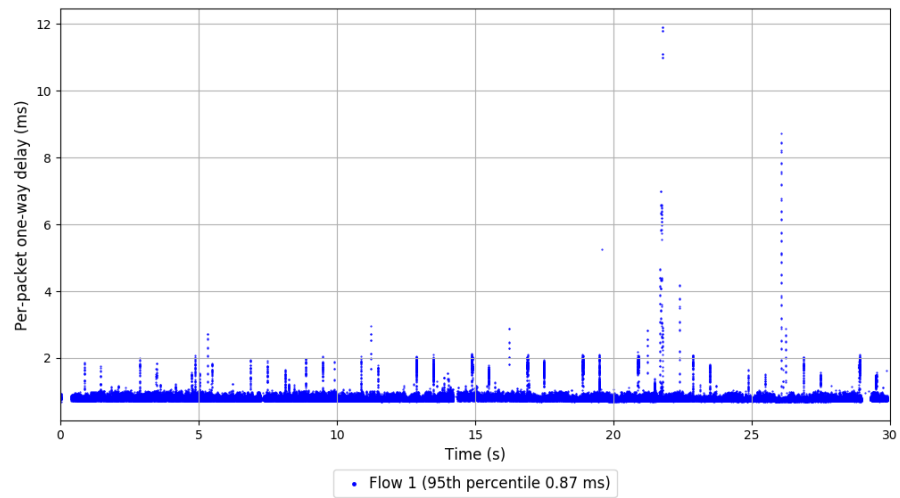
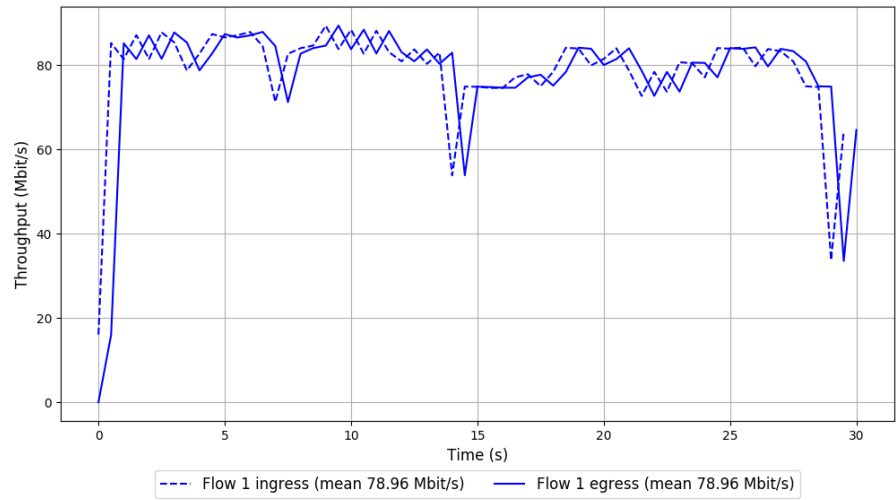
-- Flow 1:

Average throughput: 78.96 Mbit/s

95th percentile per-packet one-way delay: 0.866 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-02-05 03:27:12

End at: 2019-02-05 03:27:42

Local clock offset: 0.815 ms

Remote clock offset: -0.233 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.83 Mbit/s

95th percentile per-packet one-way delay: 0.813 ms

Loss rate: 0.03%

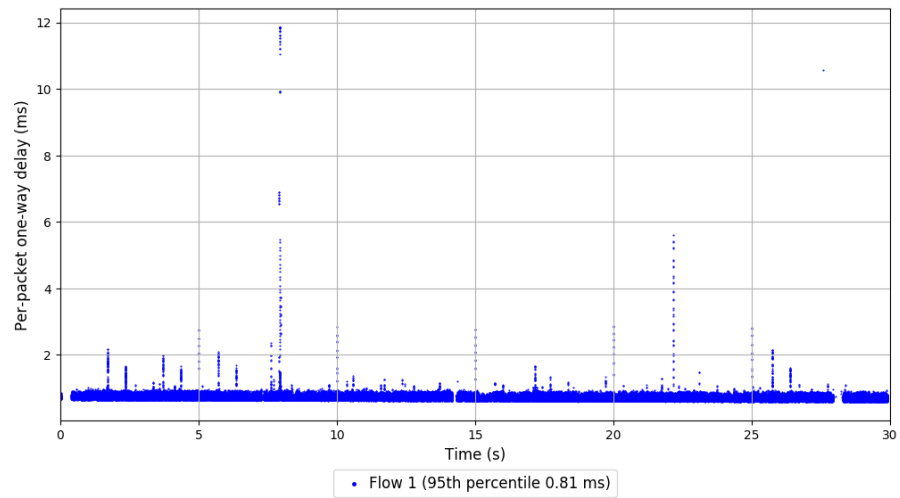
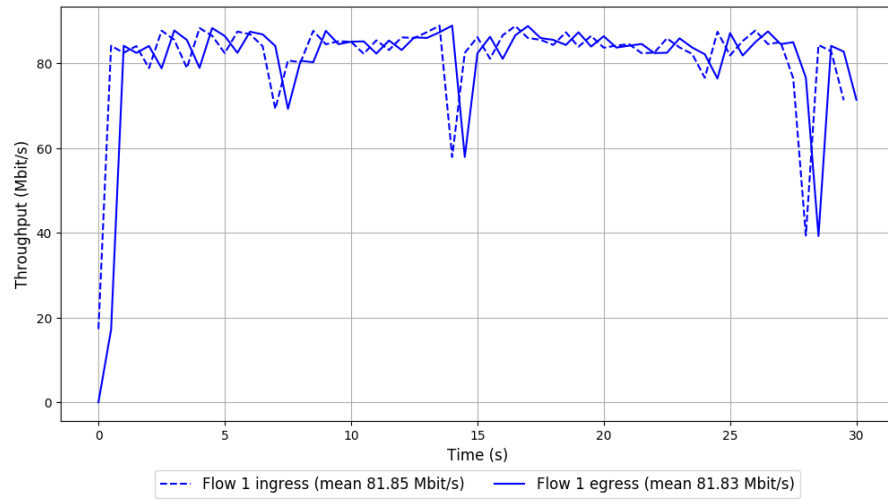
-- Flow 1:

Average throughput: 81.83 Mbit/s

95th percentile per-packet one-way delay: 0.813 ms

Loss rate: 0.03%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-02-05 03:55:37

End at: 2019-02-05 03:56:07

Local clock offset: 2.009 ms

Remote clock offset: -4.031 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.47 Mbit/s

95th percentile per-packet one-way delay: 1.116 ms

Loss rate: 0.00%

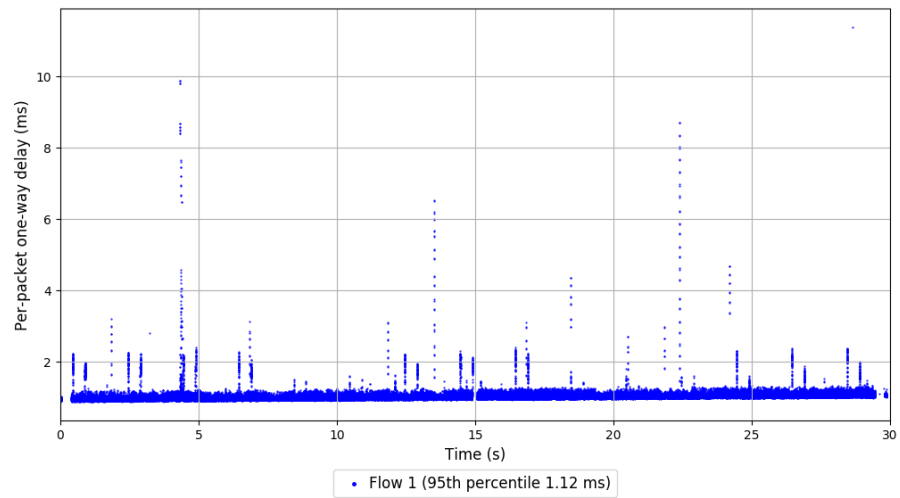
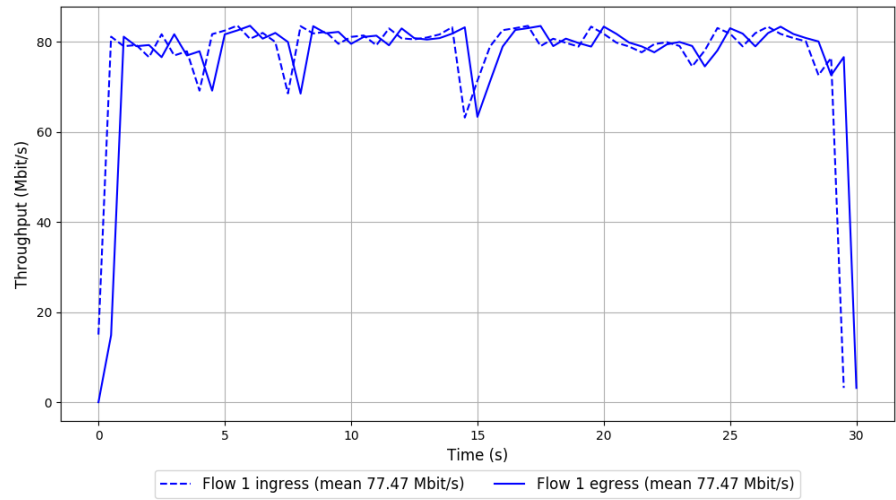
-- Flow 1:

Average throughput: 77.47 Mbit/s

95th percentile per-packet one-way delay: 1.116 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-02-05 04:24:26

End at: 2019-02-05 04:24:56

Local clock offset: 3.347 ms

Remote clock offset: -0.615 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.16 Mbit/s

95th percentile per-packet one-way delay: 0.952 ms

Loss rate: 0.00%

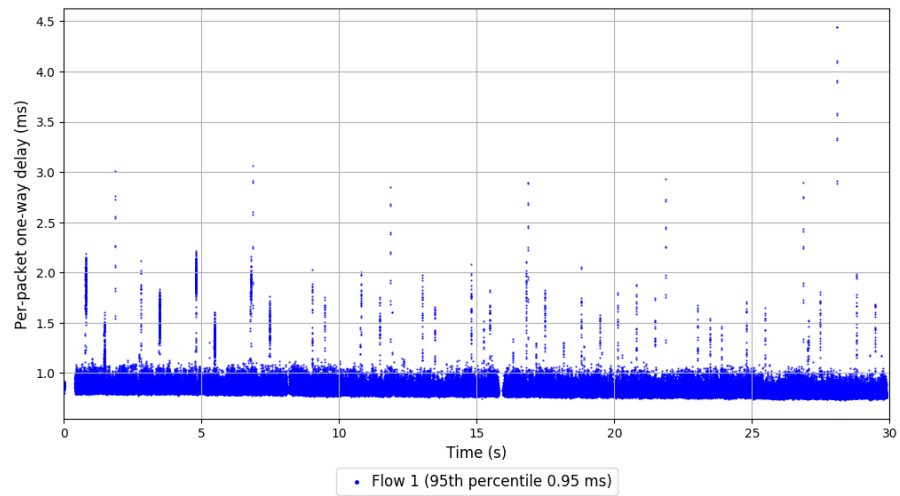
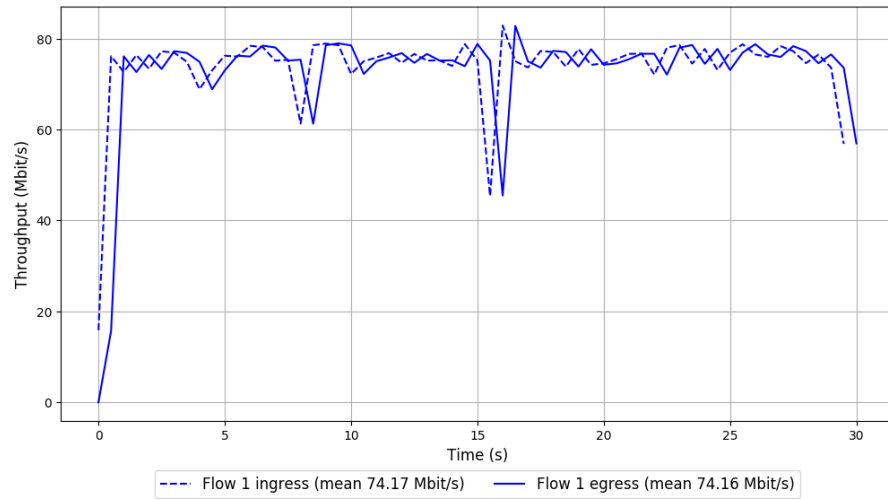
-- Flow 1:

Average throughput: 74.16 Mbit/s

95th percentile per-packet one-way delay: 0.952 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2019-02-05 02:30:47

End at: 2019-02-05 02:31:17

Local clock offset: 2.957 ms

Remote clock offset: 0.679 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.326 ms

Loss rate: 0.00%

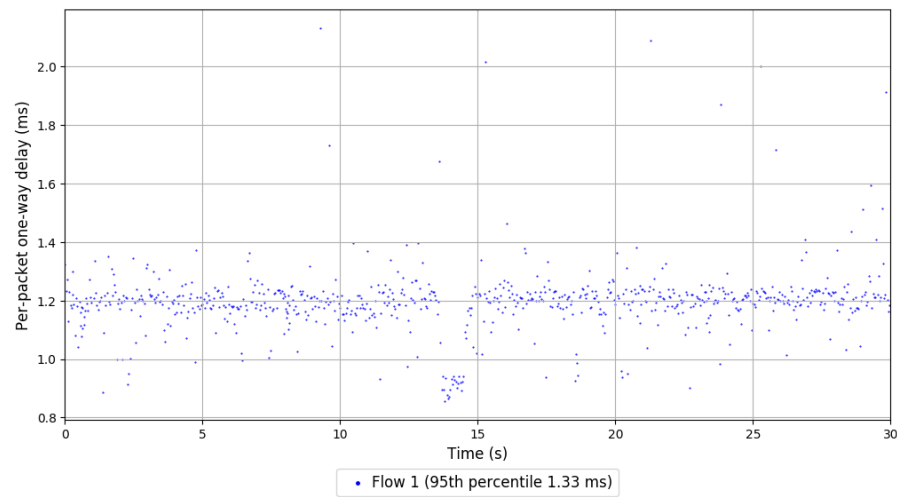
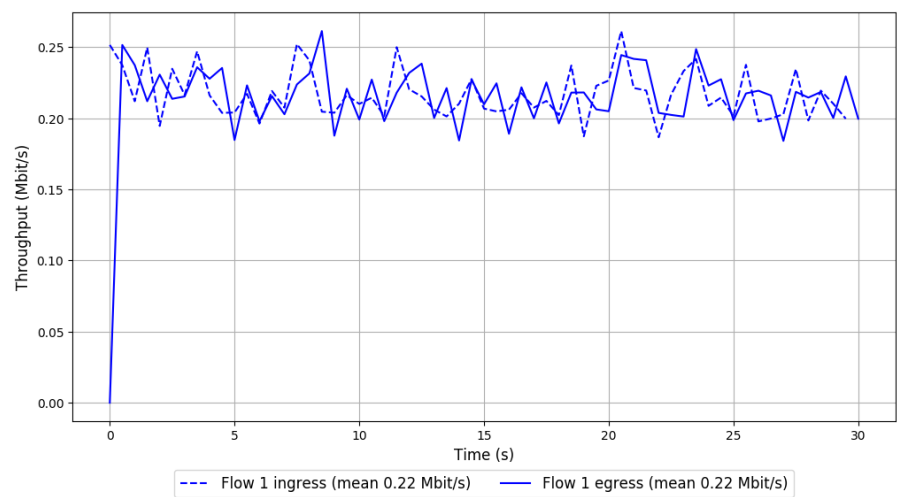
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.326 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-02-05 02:59:53

End at: 2019-02-05 03:00:23

Local clock offset: 3.477 ms

Remote clock offset: 1.557 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.325 ms

Loss rate: 0.00%

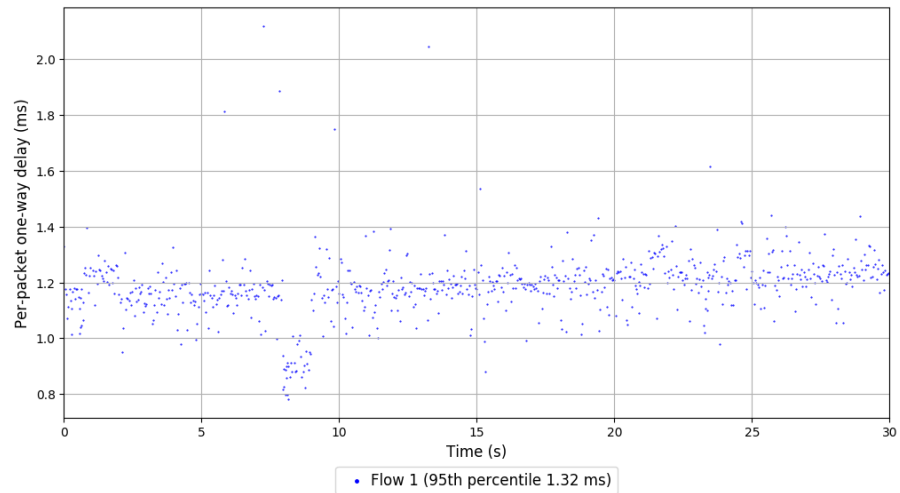
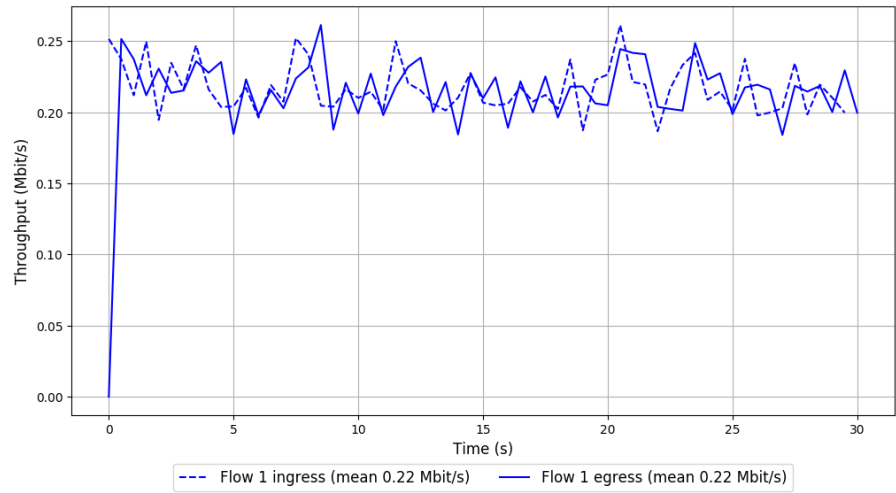
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.325 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

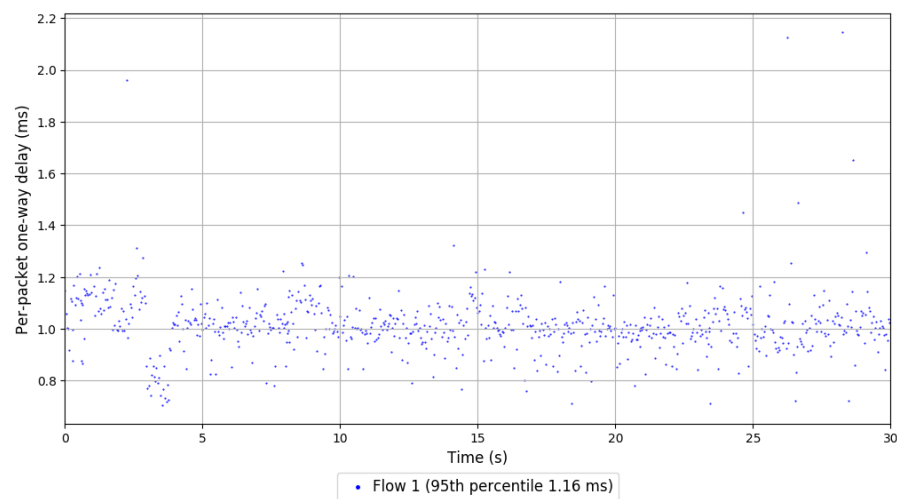
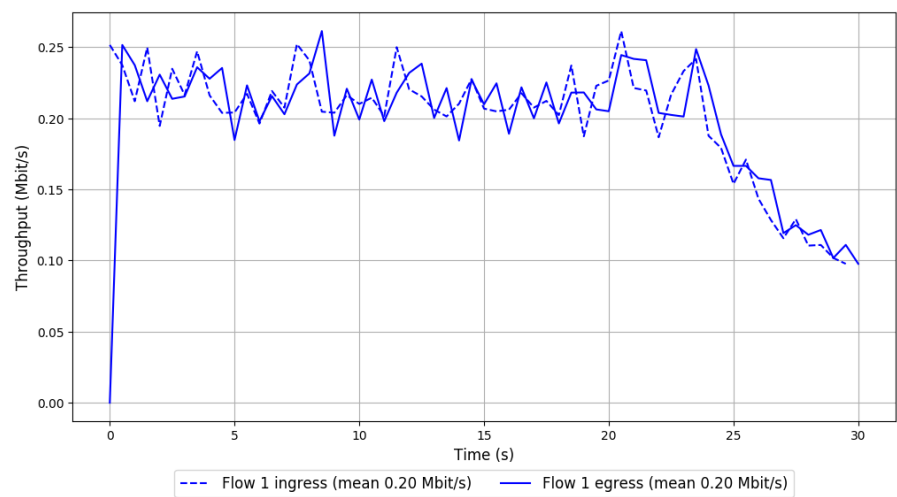


Run 3: Statistics of SCReAM

Start at: 2019-02-05 03:28:28
End at: 2019-02-05 03:28:58
Local clock offset: 0.637 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2019-02-05 05:34:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1.164 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1.164 ms
Loss rate: 0.15%

Run 3: Report of SReAM — Data Link

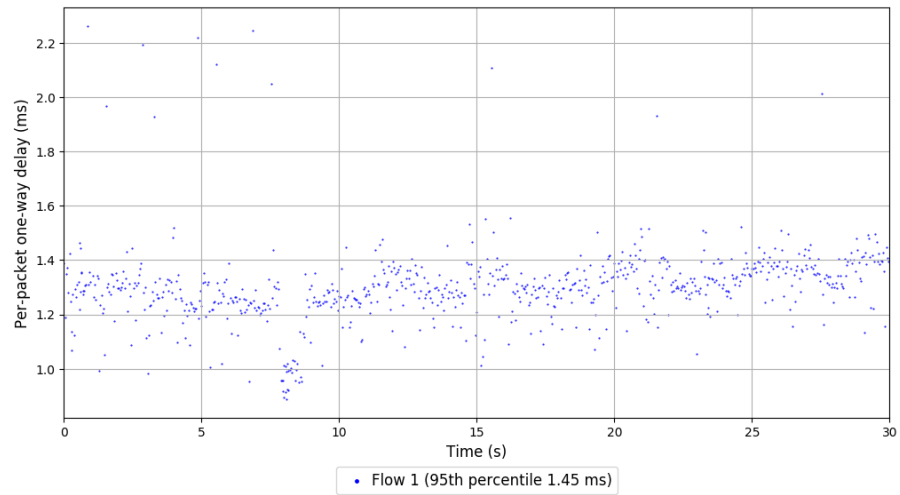
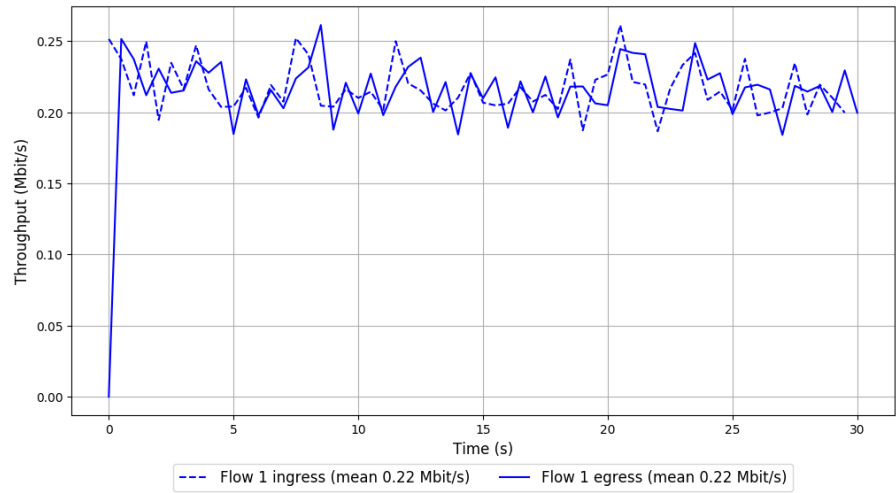


Run 4: Statistics of SCReAM

Start at: 2019-02-05 03:56:53
End at: 2019-02-05 03:57:23
Local clock offset: 2.222 ms
Remote clock offset: -4.112 ms

Below is generated by plot.py at 2019-02-05 05:34:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.448 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.448 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

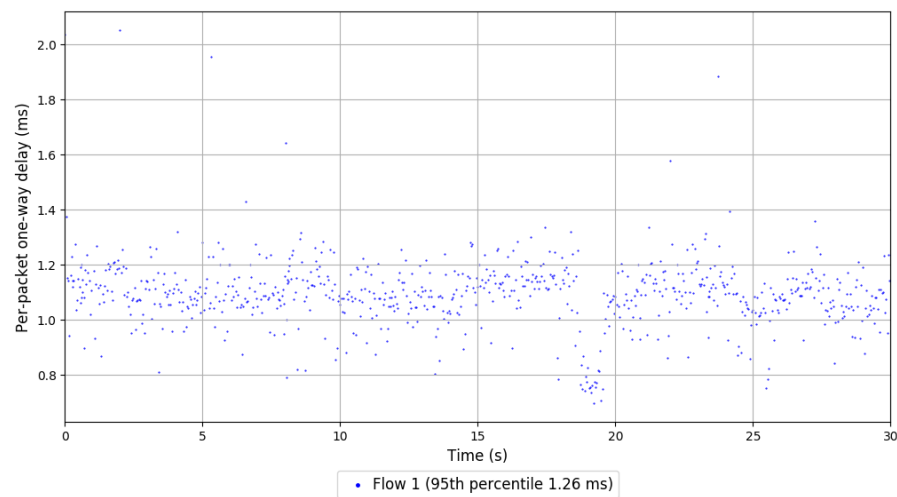
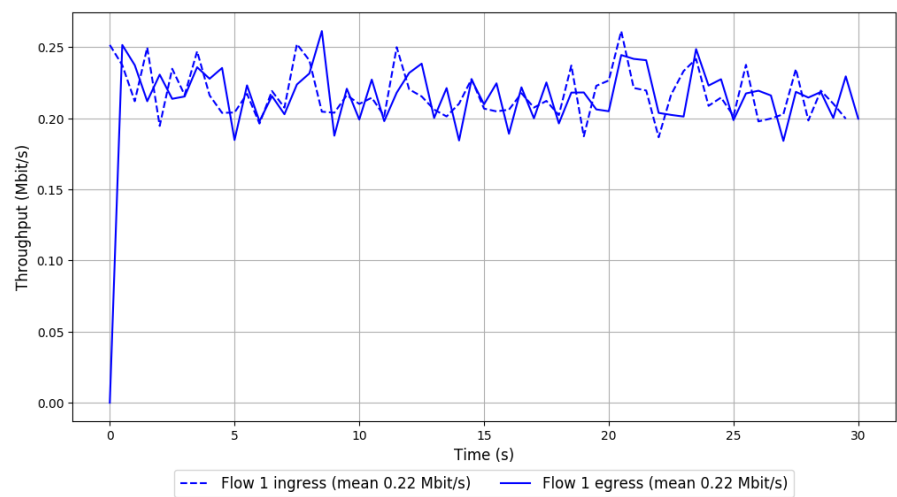


Run 5: Statistics of SCReAM

Start at: 2019-02-05 04:25:42
End at: 2019-02-05 04:26:12
Local clock offset: 3.328 ms
Remote clock offset: -0.582 ms

Below is generated by plot.py at 2019-02-05 05:34:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.257 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.257 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-02-05 02:38:50

End at: 2019-02-05 02:39:20

Local clock offset: 3.565 ms

Remote clock offset: 1.019 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.00 Mbit/s

95th percentile per-packet one-way delay: 3.923 ms

Loss rate: 0.16%

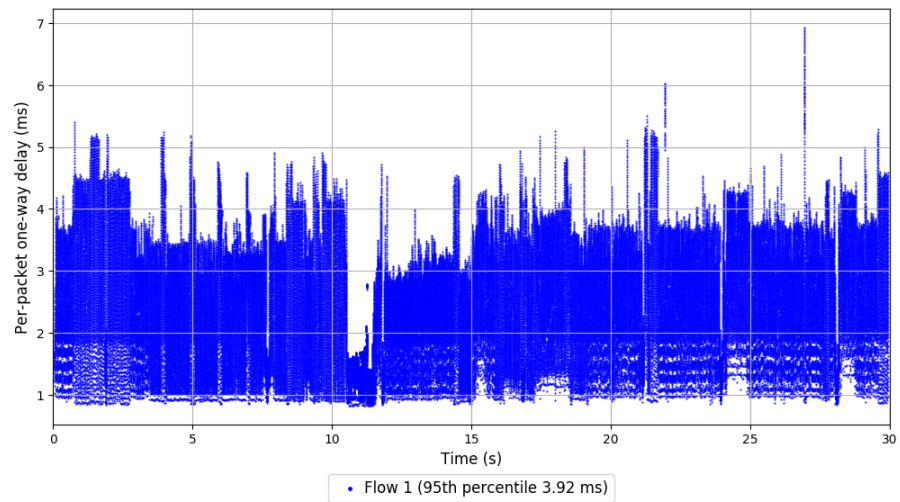
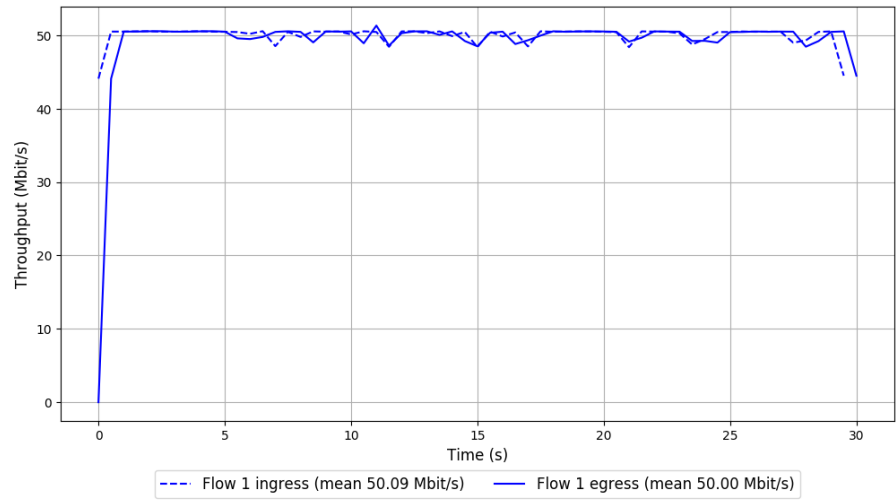
-- Flow 1:

Average throughput: 50.00 Mbit/s

95th percentile per-packet one-way delay: 3.923 ms

Loss rate: 0.16%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2019-02-05 03:07:46

End at: 2019-02-05 03:08:16

Local clock offset: 3.534 ms

Remote clock offset: 0.558 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.98 Mbit/s

95th percentile per-packet one-way delay: 3.796 ms

Loss rate: 0.11%

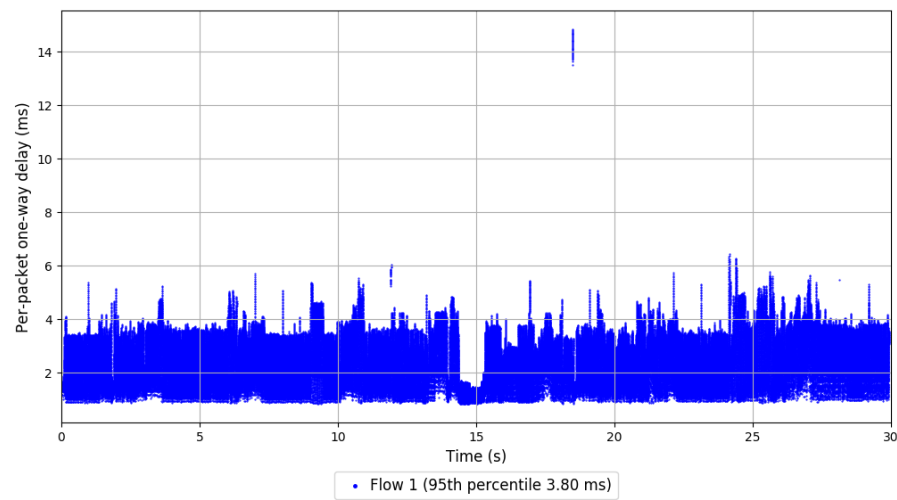
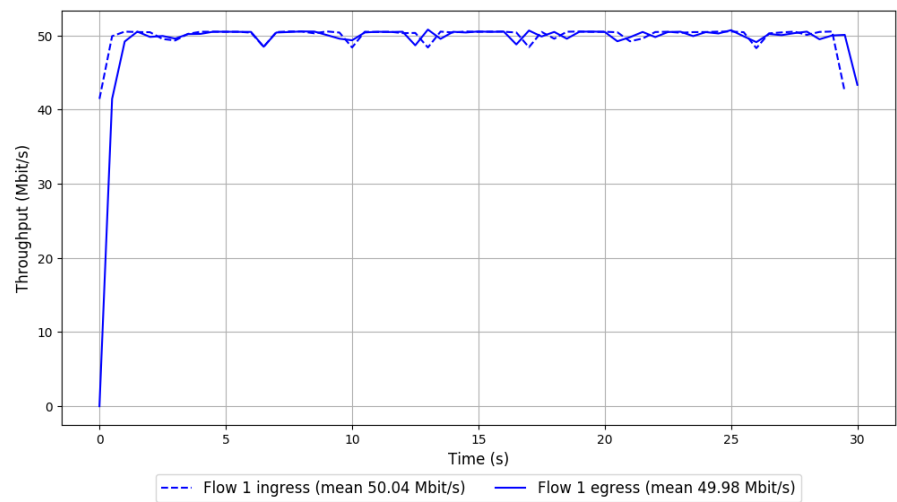
-- Flow 1:

Average throughput: 49.98 Mbit/s

95th percentile per-packet one-way delay: 3.796 ms

Loss rate: 0.11%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2019-02-05 03:36:22

End at: 2019-02-05 03:36:52

Local clock offset: -0.103 ms

Remote clock offset: -1.18 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.74 Mbit/s

95th percentile per-packet one-way delay: 4.061 ms

Loss rate: 0.41%

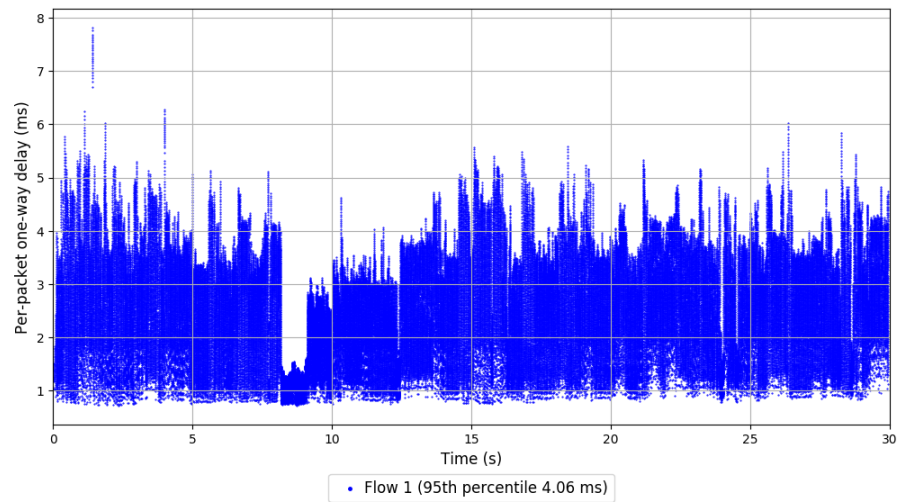
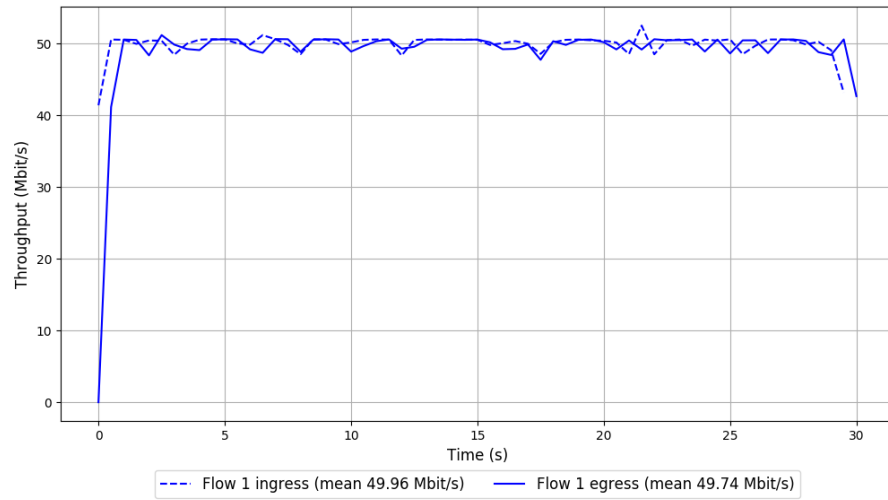
-- Flow 1:

Average throughput: 49.74 Mbit/s

95th percentile per-packet one-way delay: 4.061 ms

Loss rate: 0.41%

Run 3: Report of Sprout — Data Link

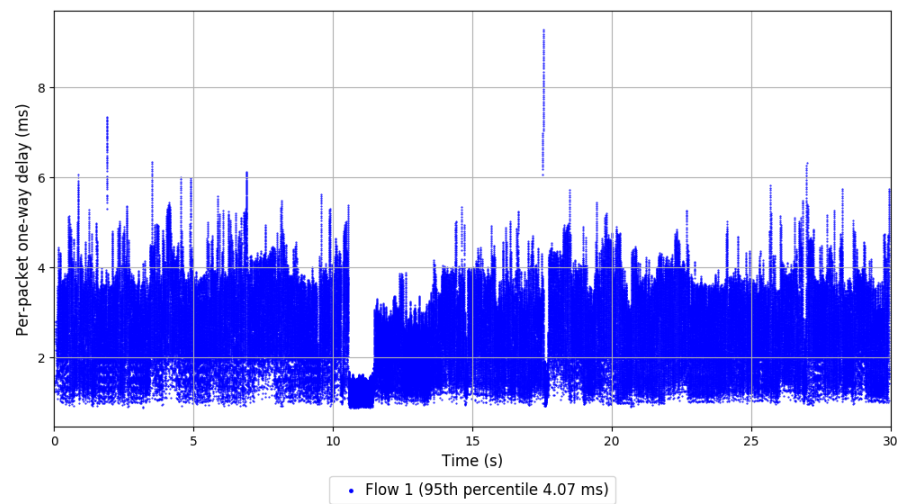
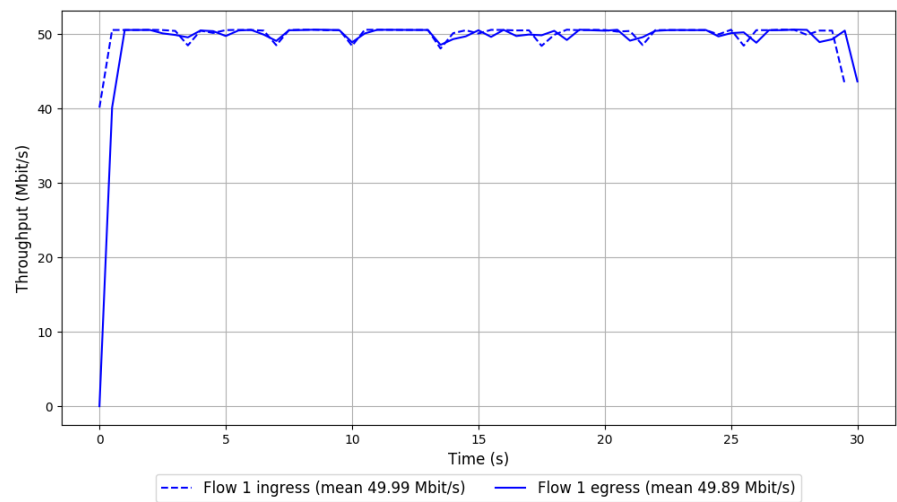


Run 4: Statistics of Sprout

Start at: 2019-02-05 04:04:50
End at: 2019-02-05 04:05:20
Local clock offset: 3.031 ms
Remote clock offset: -4.699 ms

Below is generated by plot.py at 2019-02-05 05:34:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.89 Mbit/s
95th percentile per-packet one-way delay: 4.069 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 49.89 Mbit/s
95th percentile per-packet one-way delay: 4.069 ms
Loss rate: 0.18%

Run 4: Report of Sprout — Data Link

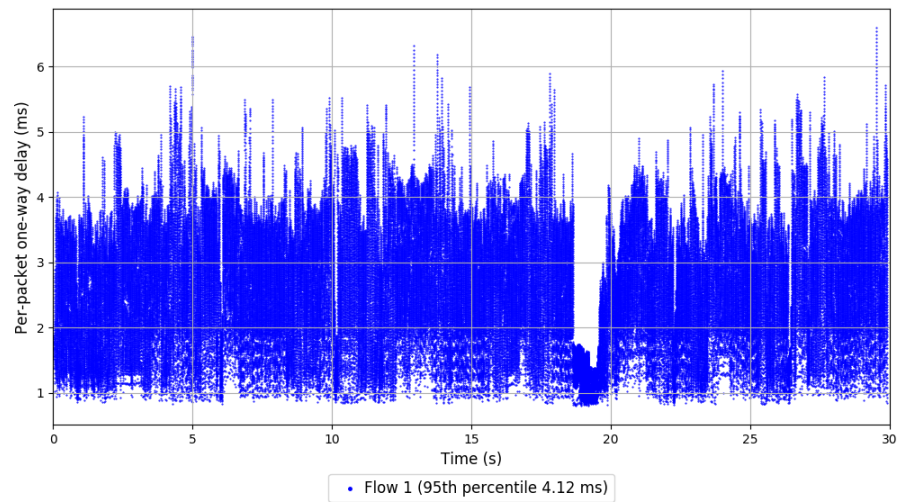
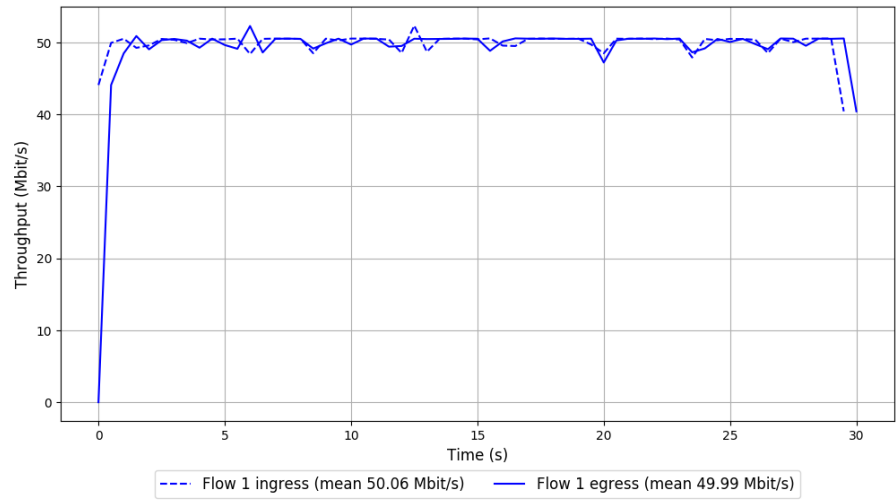


Run 5: Statistics of Sprout

Start at: 2019-02-05 04:33:42
End at: 2019-02-05 04:34:12
Local clock offset: 3.332 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2019-02-05 05:34:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.99 Mbit/s
95th percentile per-packet one-way delay: 4.118 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 49.99 Mbit/s
95th percentile per-packet one-way delay: 4.118 ms
Loss rate: 0.14%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

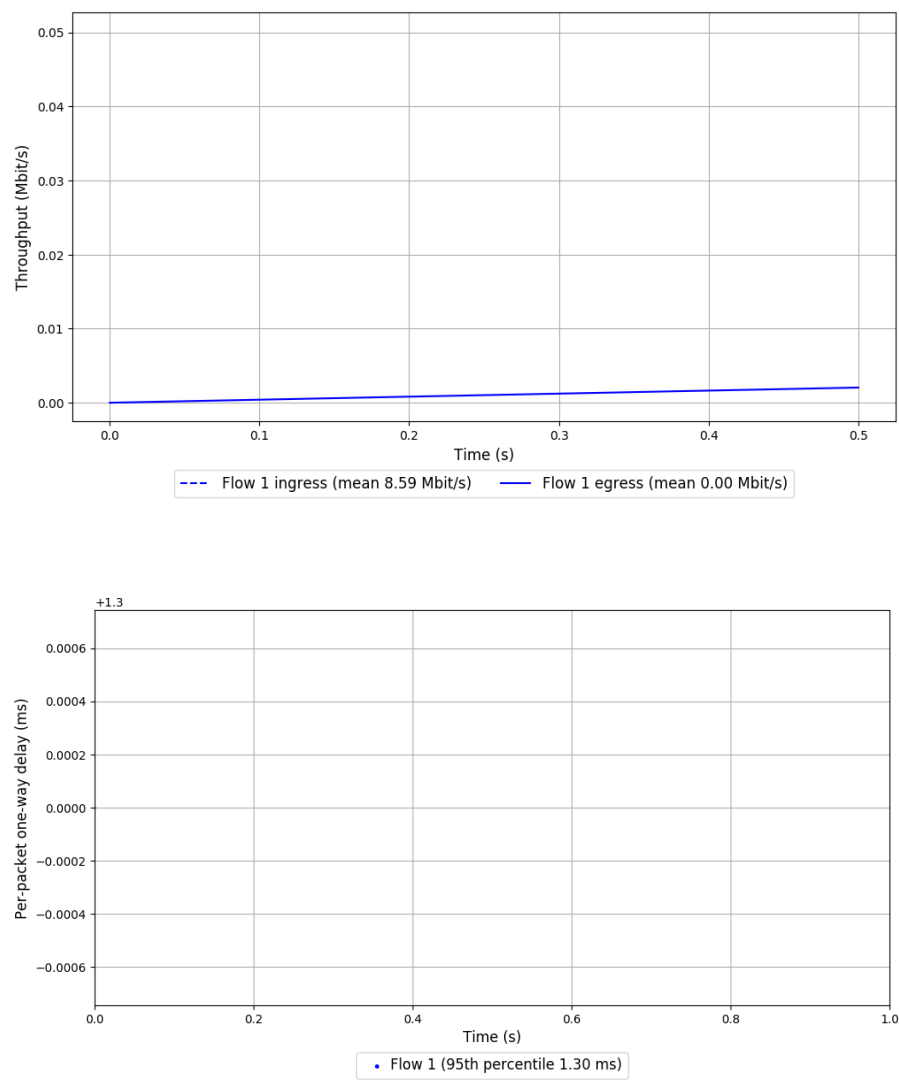
Start at: 2019-02-05 02:35:58

End at: 2019-02-05 02:36:28

Local clock offset: 3.384 ms

Remote clock offset: 0.897 ms

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



Run 2: Statistics of TaoVA-100x

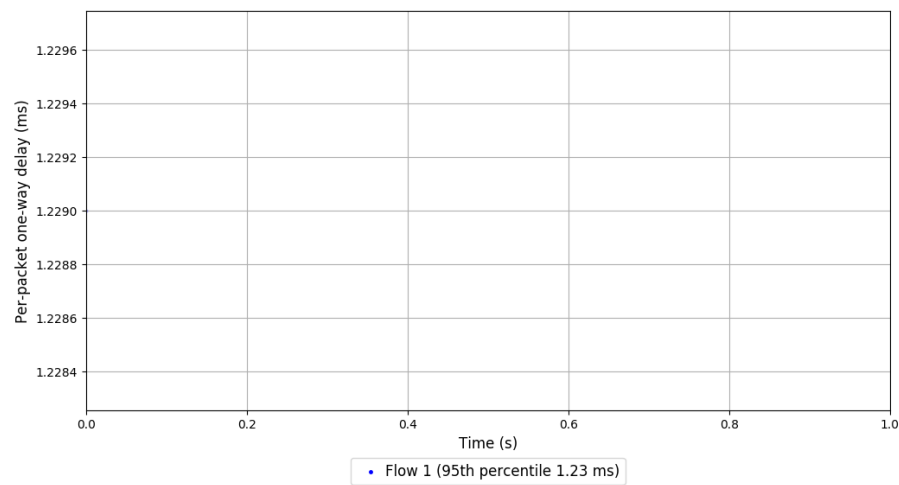
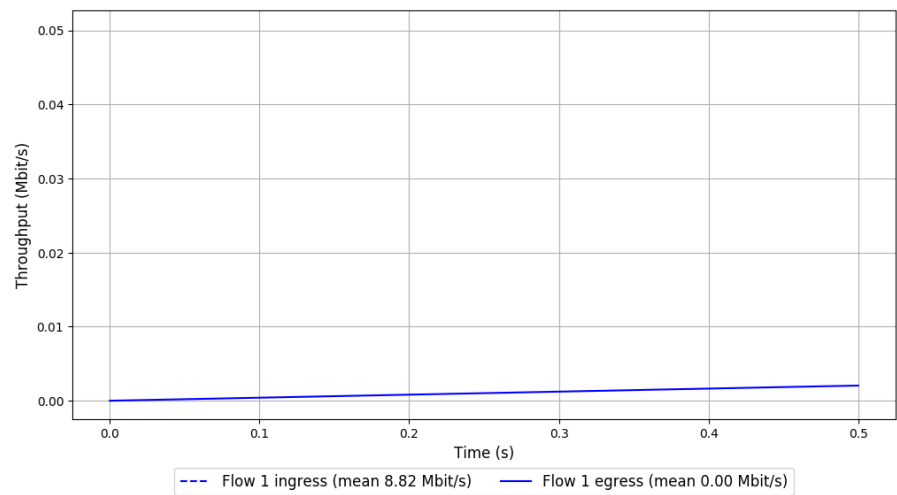
Start at: 2019-02-05 03:05:01

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

Local clock offset: 3.506 ms

Remote clock offset: 0.833 ms

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



Run 3: Statistics of TaoVA-100x

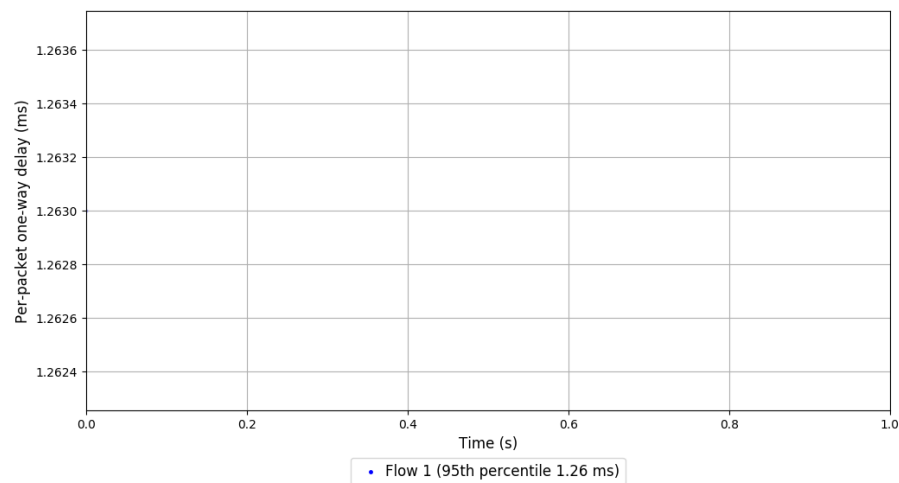
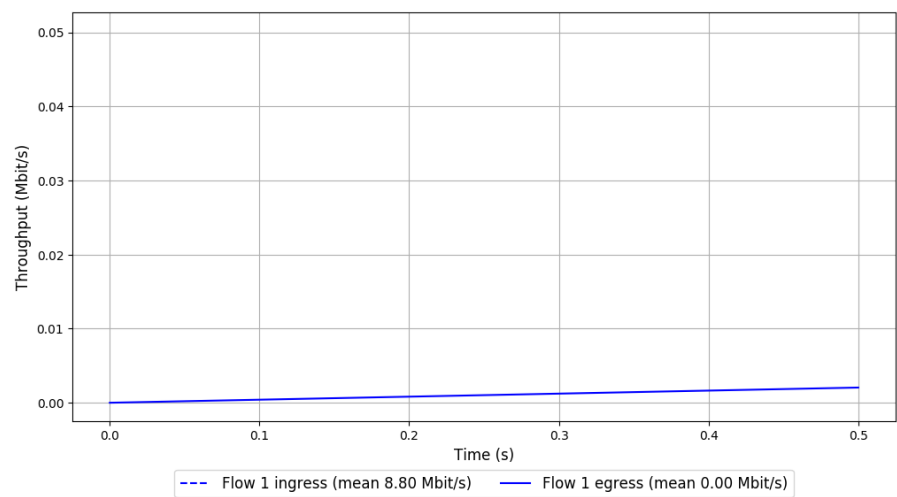
Start at: 2019-02-05 03:33:38

End at: 2019-02-05 03:34:08

Local clock offset: 0.095 ms

Remote clock offset: -0.276 ms

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



Run 4: Statistics of TaoVA-100x

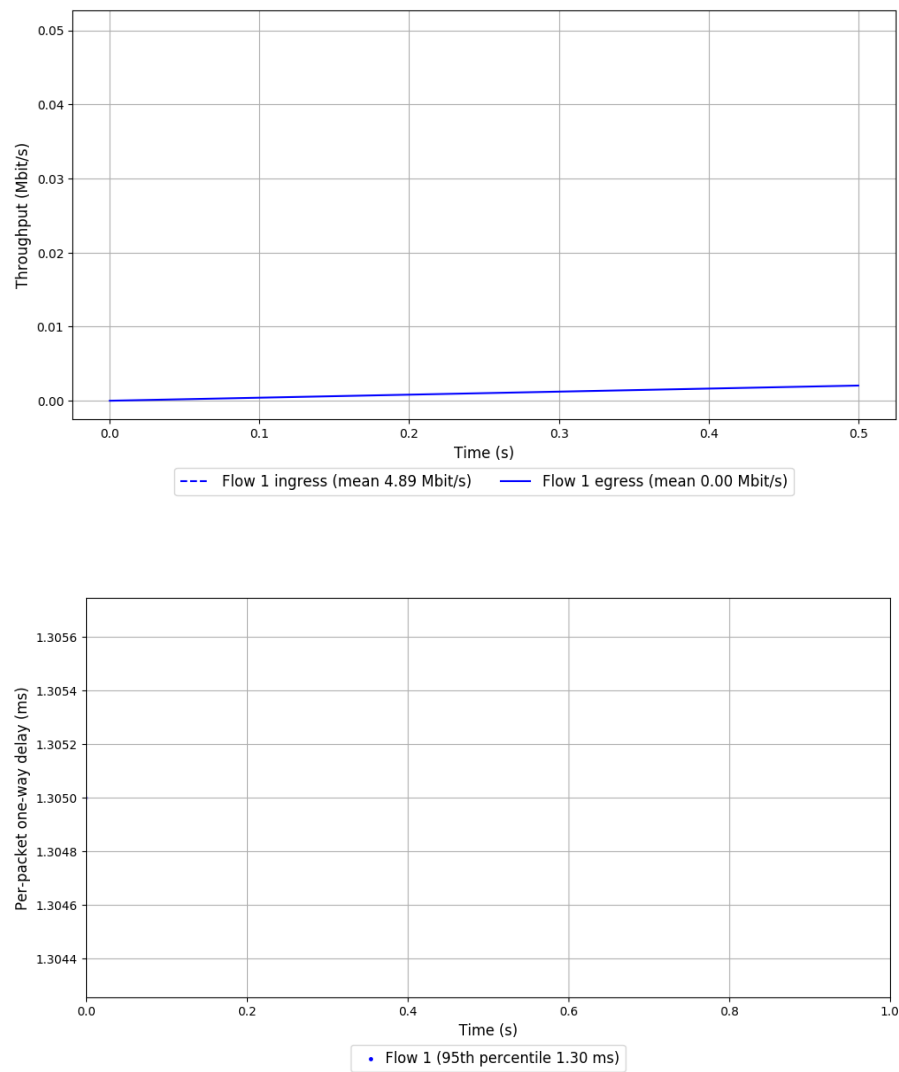
Start at: 2019-02-05 04:02:02

End at: 2019-02-05 04:02:32

Local clock offset: 2.799 ms

Remote clock offset: -4.45 ms

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



Run 5: Statistics of TaoVA-100x

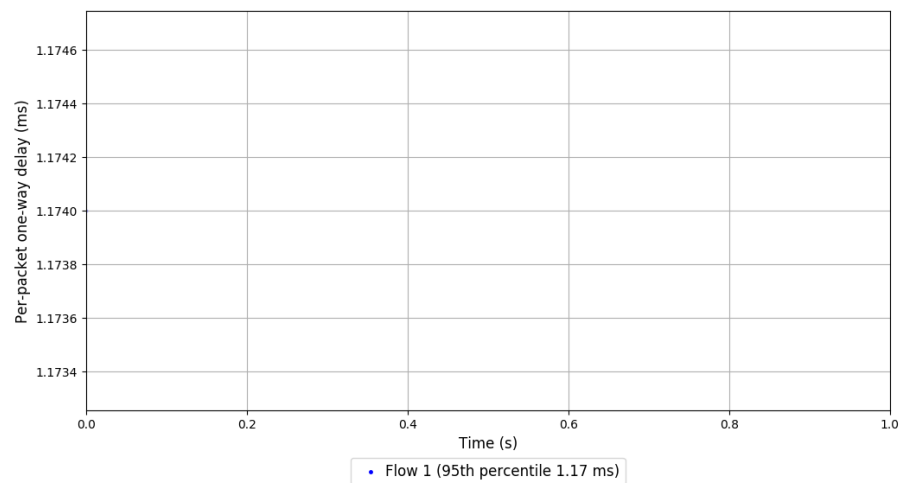
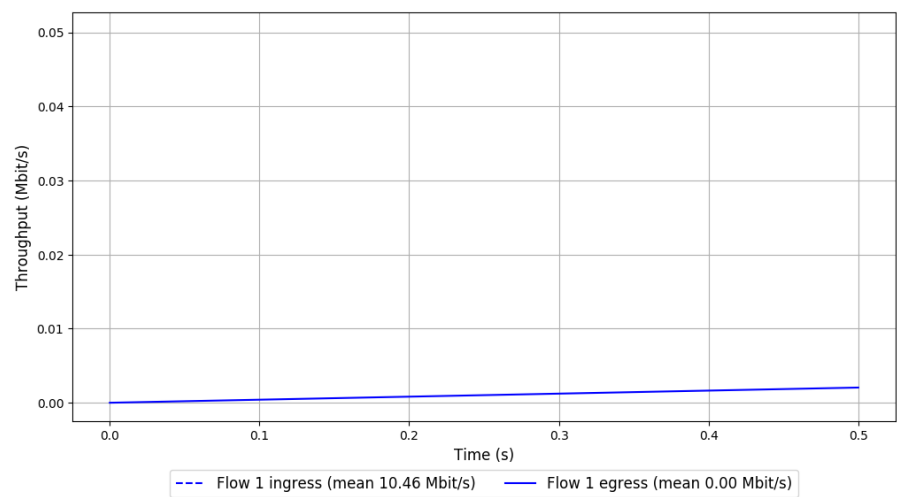
Start at: 2019-02-05 04:30:53

End at: 2019-02-05 04:31:23

Local clock offset: 3.315 ms

Remote clock offset: -0.198 ms

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



Run 1: Statistics of TCP Vegas

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

End at: 2019-02-05 02:44:32

Local clock offset: 3.828 ms

Remote clock offset: 1.156 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 173.99 Mbit/s

95th percentile per-packet one-way delay: 1.265 ms

Loss rate: 0.01%

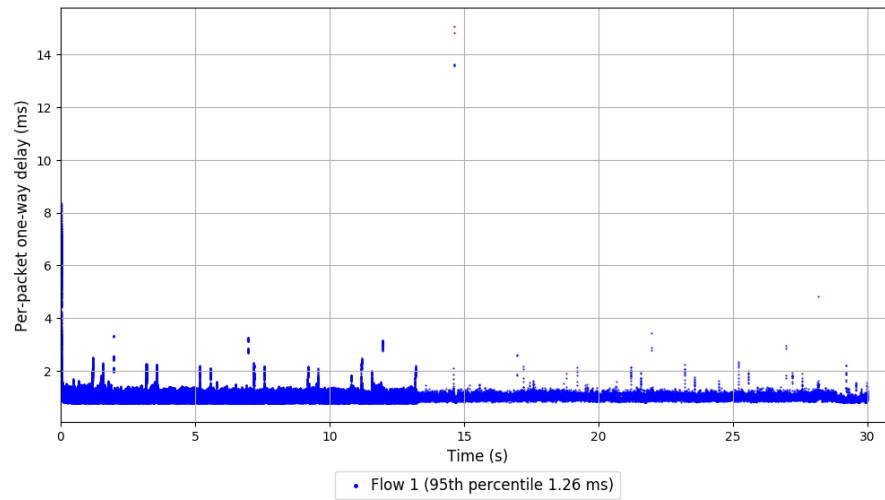
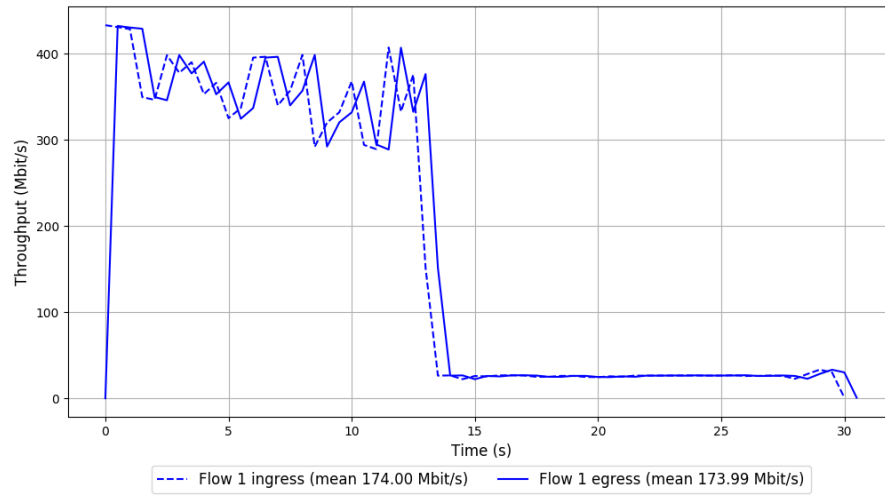
-- Flow 1:

Average throughput: 173.99 Mbit/s

95th percentile per-packet one-way delay: 1.265 ms

Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-02-05 03:12:52

End at: 2019-02-05 03:13:22

Local clock offset: 3.592 ms

Remote clock offset: 0.198 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 133.86 Mbit/s

95th percentile per-packet one-way delay: 1.279 ms

Loss rate: 0.01%

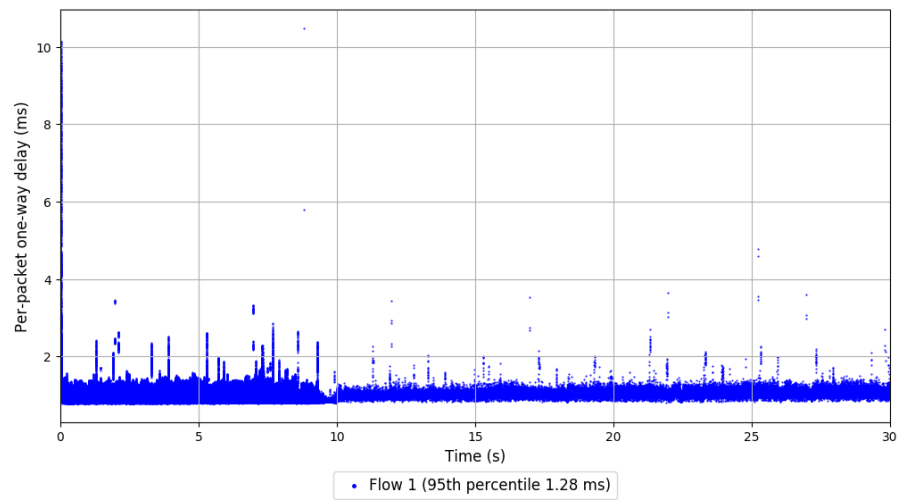
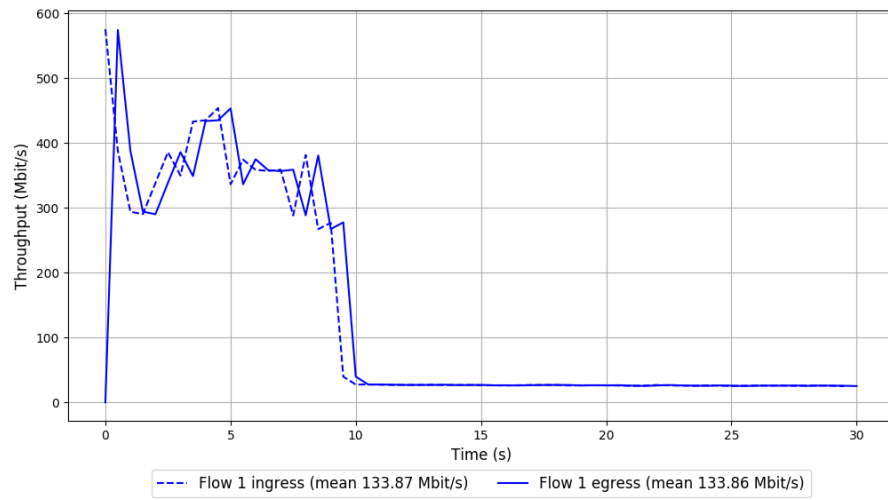
-- Flow 1:

Average throughput: 133.86 Mbit/s

95th percentile per-packet one-way delay: 1.279 ms

Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-02-05 03:41:27

End at: 2019-02-05 03:41:57

Local clock offset: -0.422 ms

Remote clock offset: -2.28 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 123.86 Mbit/s

95th percentile per-packet one-way delay: 1.268 ms

Loss rate: 0.02%

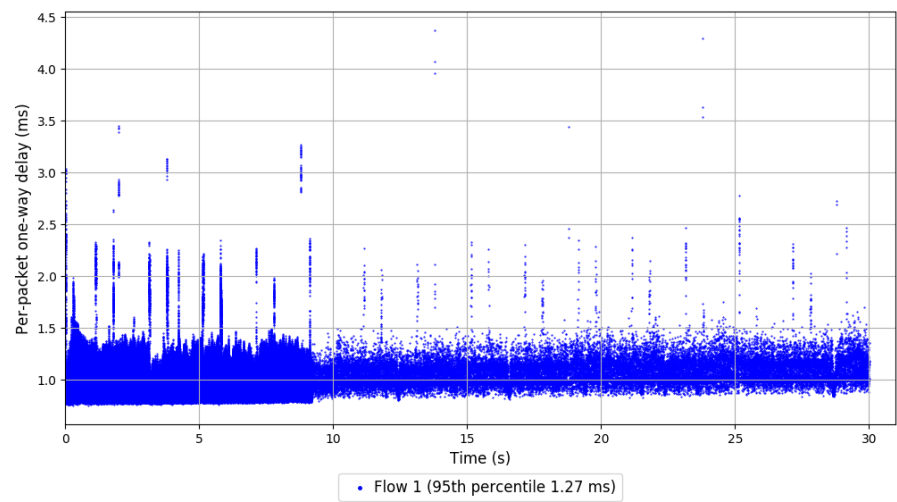
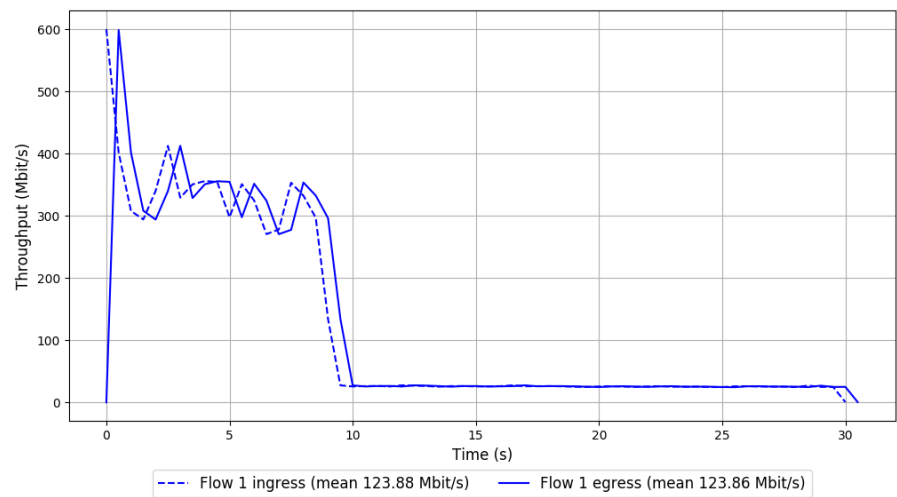
-- Flow 1:

Average throughput: 123.86 Mbit/s

95th percentile per-packet one-way delay: 1.268 ms

Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link

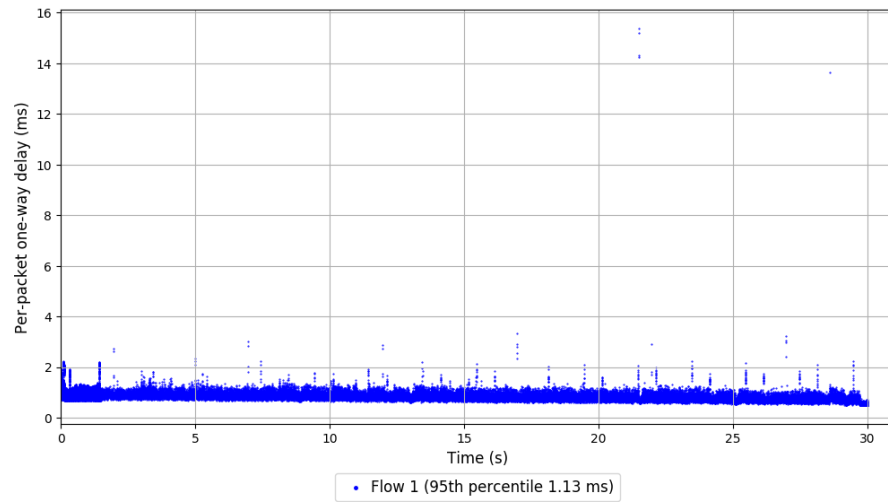
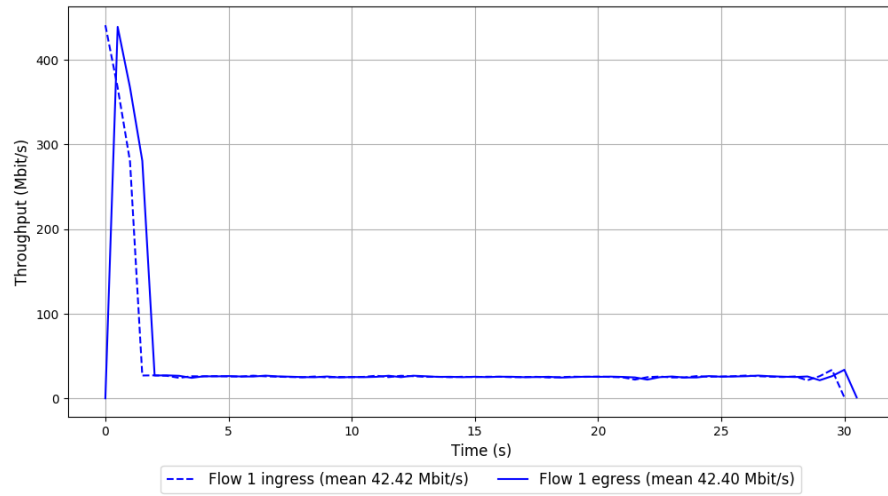


Run 4: Statistics of TCP Vegas

Start at: 2019-02-05 04:10:01
End at: 2019-02-05 04:10:31
Local clock offset: 3.339 ms
Remote clock offset: -4.052 ms

Below is generated by plot.py at 2019-02-05 05:34:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.40 Mbit/s
95th percentile per-packet one-way delay: 1.128 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 42.40 Mbit/s
95th percentile per-packet one-way delay: 1.128 ms
Loss rate: 0.04%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-02-05 04:38:46

End at: 2019-02-05 04:39:16

Local clock offset: 3.368 ms

Remote clock offset: 0.048 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 231.97 Mbit/s

95th percentile per-packet one-way delay: 1.278 ms

Loss rate: 0.02%

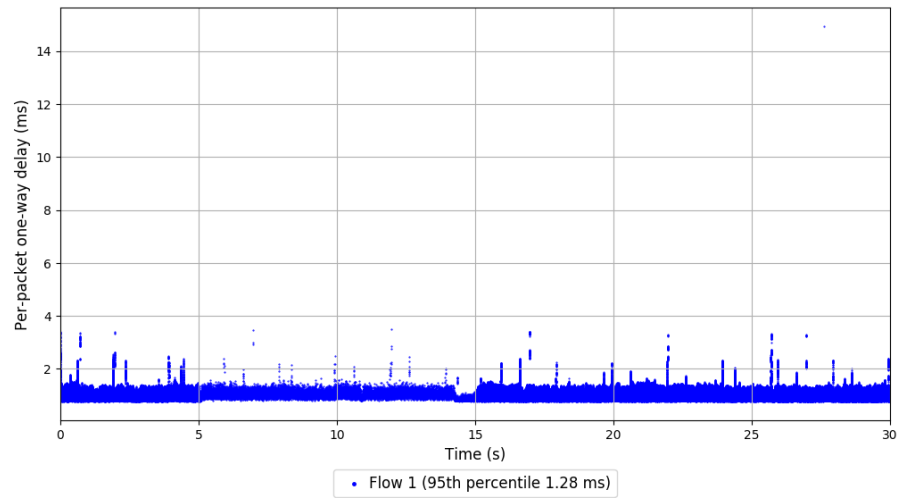
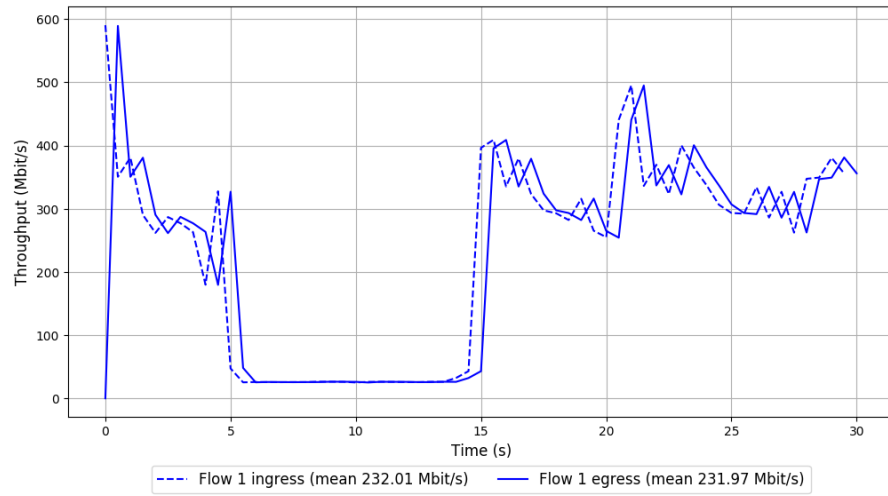
-- Flow 1:

Average throughput: 231.97 Mbit/s

95th percentile per-packet one-way delay: 1.278 ms

Loss rate: 0.02%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-02-05 02:34:39

End at: 2019-02-05 02:35:09

Local clock offset: 3.306 ms

Remote clock offset: 0.849 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 153.39 Mbit/s

95th percentile per-packet one-way delay: 8.283 ms

Loss rate: 0.79%

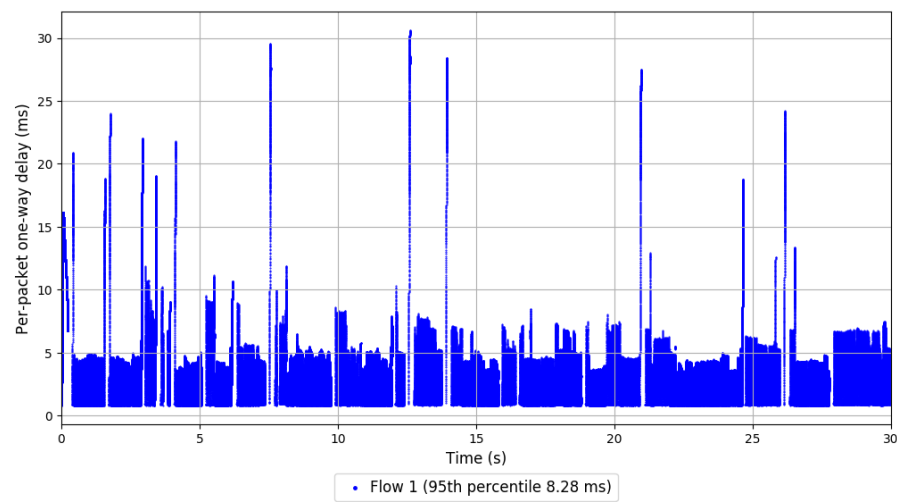
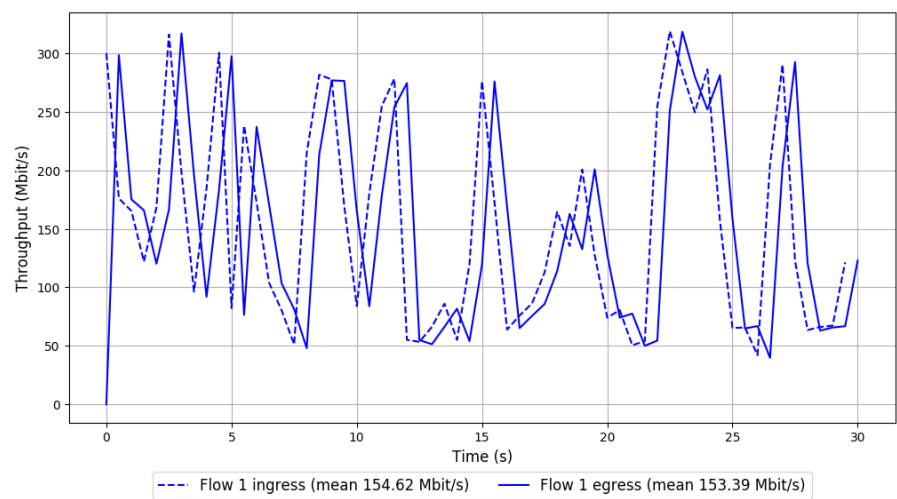
-- Flow 1:

Average throughput: 153.39 Mbit/s

95th percentile per-packet one-way delay: 8.283 ms

Loss rate: 0.79%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

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

End at: 2019-02-05 03:04:13

Local clock offset: 3.486 ms

Remote clock offset: 0.947 ms

Below is generated by plot.py at 2019-02-05 05:34:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 111.06 Mbit/s

95th percentile per-packet one-way delay: 30.095 ms

Loss rate: 1.73%

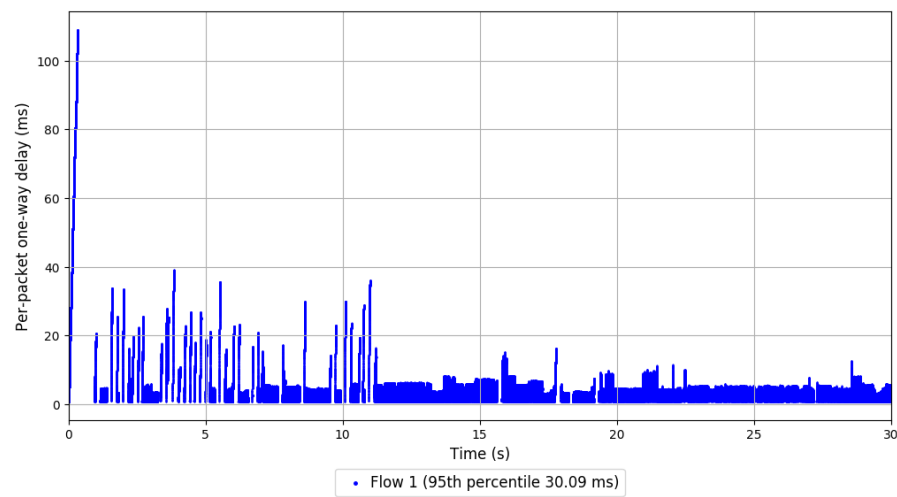
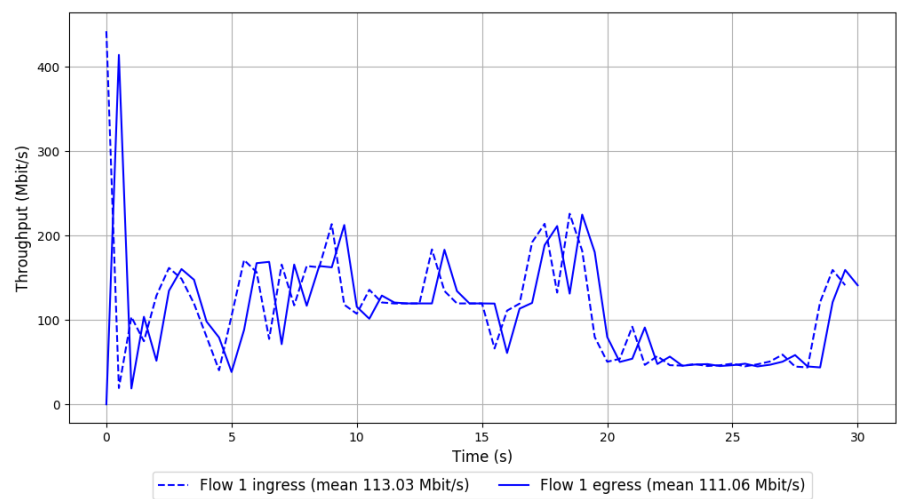
-- Flow 1:

Average throughput: 111.06 Mbit/s

95th percentile per-packet one-way delay: 30.095 ms

Loss rate: 1.73%

Run 2: Report of Verus — Data Link

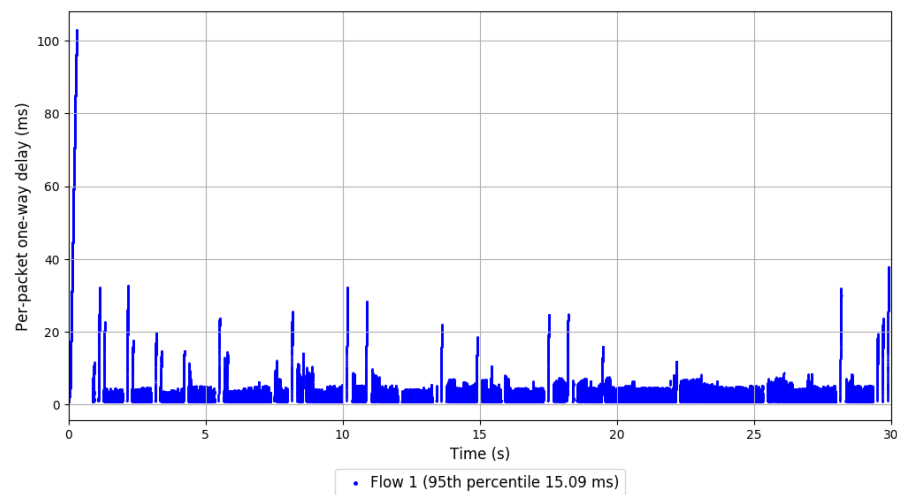
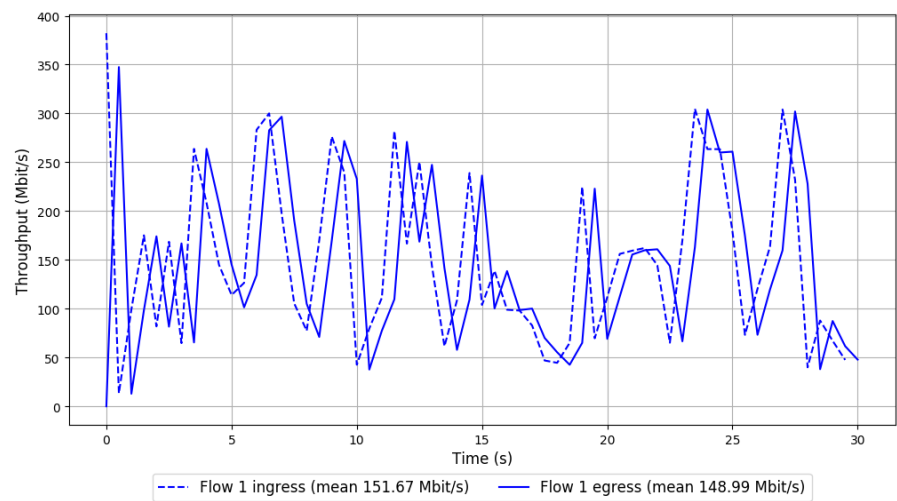


Run 3: Statistics of Verus

Start at: 2019-02-05 03:32:19
End at: 2019-02-05 03:32:49
Local clock offset: 0.203 ms
Remote clock offset: -0.268 ms

Below is generated by plot.py at 2019-02-05 05:34:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 148.99 Mbit/s
95th percentile per-packet one-way delay: 15.085 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 148.99 Mbit/s
95th percentile per-packet one-way delay: 15.085 ms
Loss rate: 1.65%

Run 3: Report of Verus — Data Link

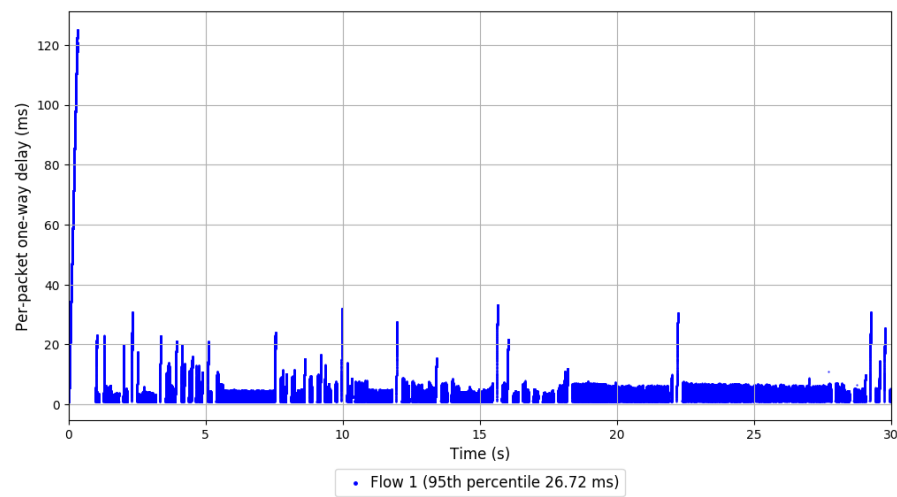
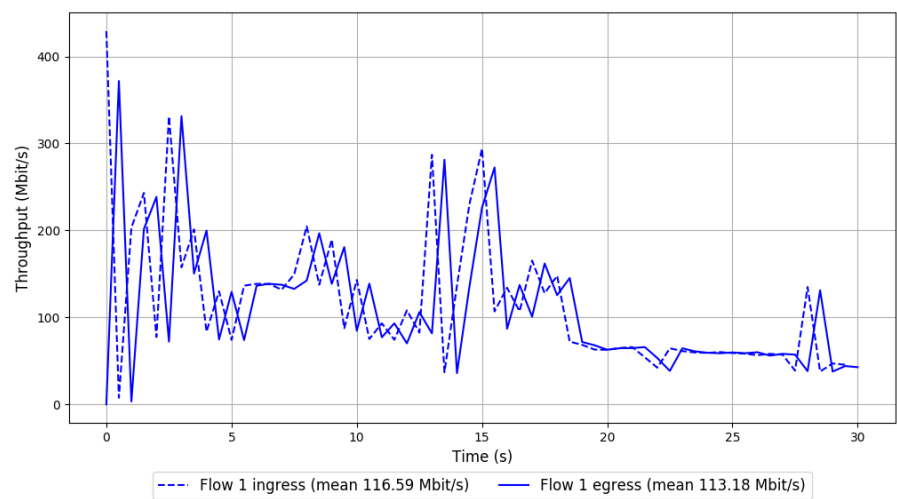


Run 4: Statistics of Verus

Start at: 2019-02-05 04:00:44
End at: 2019-02-05 04:01:14
Local clock offset: 2.673 ms
Remote clock offset: -4.374 ms

Below is generated by plot.py at 2019-02-05 05:34:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 113.18 Mbit/s
95th percentile per-packet one-way delay: 26.722 ms
Loss rate: 2.93%
-- Flow 1:
Average throughput: 113.18 Mbit/s
95th percentile per-packet one-way delay: 26.722 ms
Loss rate: 2.93%

Run 4: Report of Verus — Data Link

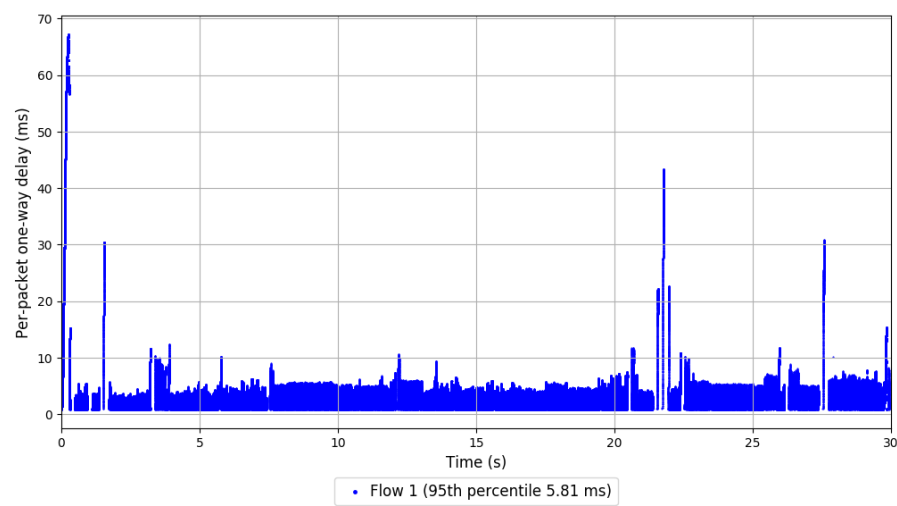
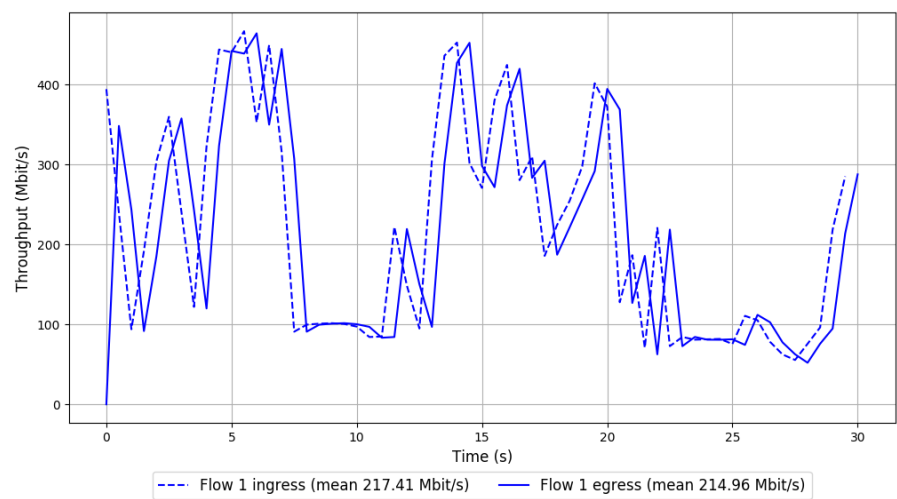


Run 5: Statistics of Verus

Start at: 2019-02-05 04:29:30
End at: 2019-02-05 04:30:00
Local clock offset: 3.319 ms
Remote clock offset: -0.247 ms

Below is generated by plot.py at 2019-02-05 05:34:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 214.96 Mbit/s
95th percentile per-packet one-way delay: 5.810 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 214.96 Mbit/s
95th percentile per-packet one-way delay: 5.810 ms
Loss rate: 1.11%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-02-05 02:33:14

End at: 2019-02-05 02:33:44

Local clock offset: 3.194 ms

Remote clock offset: 0.817 ms

Below is generated by plot.py at 2019-02-05 05:35:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 267.60 Mbit/s

95th percentile per-packet one-way delay: 2.182 ms

Loss rate: 0.09%

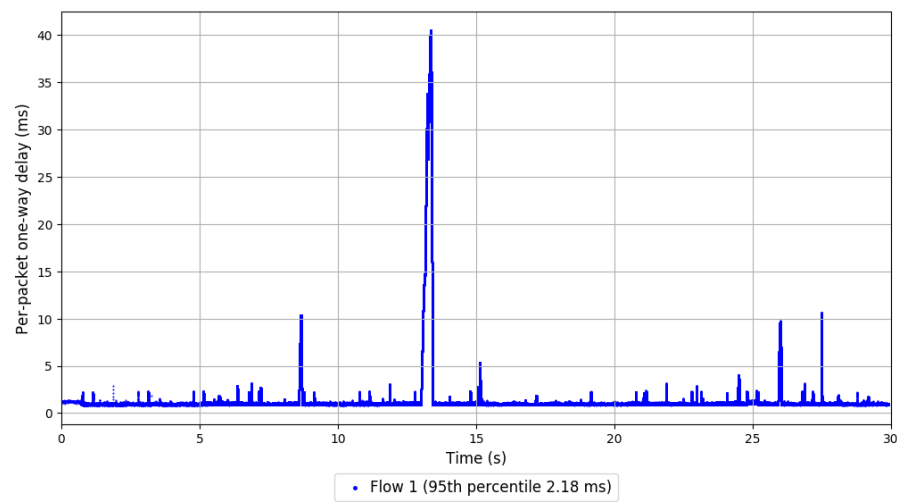
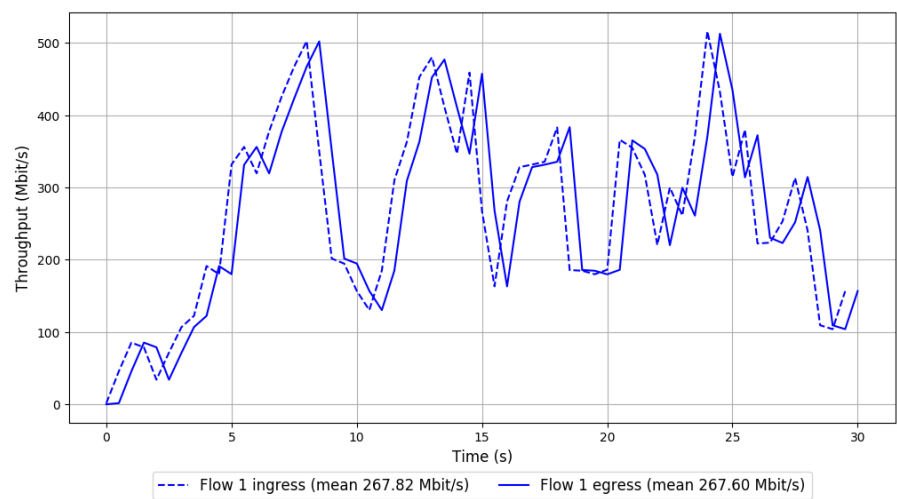
-- Flow 1:

Average throughput: 267.60 Mbit/s

95th percentile per-packet one-way delay: 2.182 ms

Loss rate: 0.09%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

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

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

Local clock offset: 3.475 ms

Remote clock offset: 1.256 ms

Below is generated by plot.py at 2019-02-05 05:35:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 230.67 Mbit/s

95th percentile per-packet one-way delay: 1.162 ms

Loss rate: 0.02%

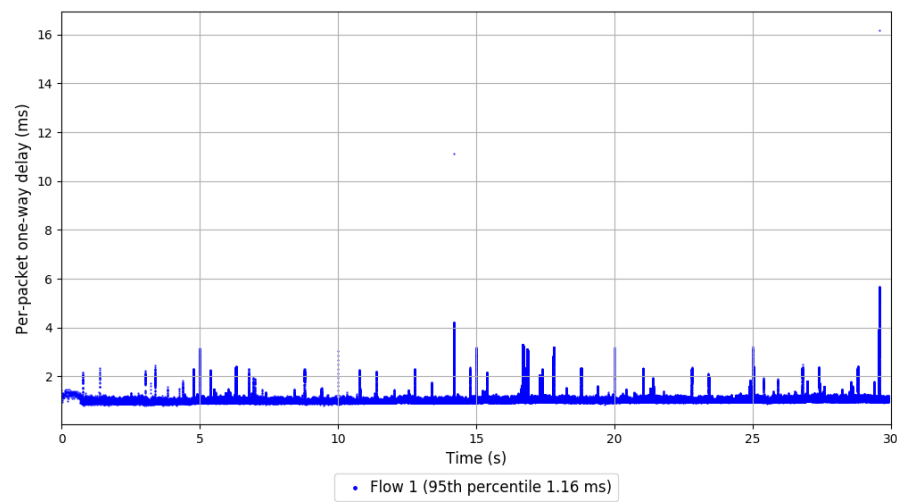
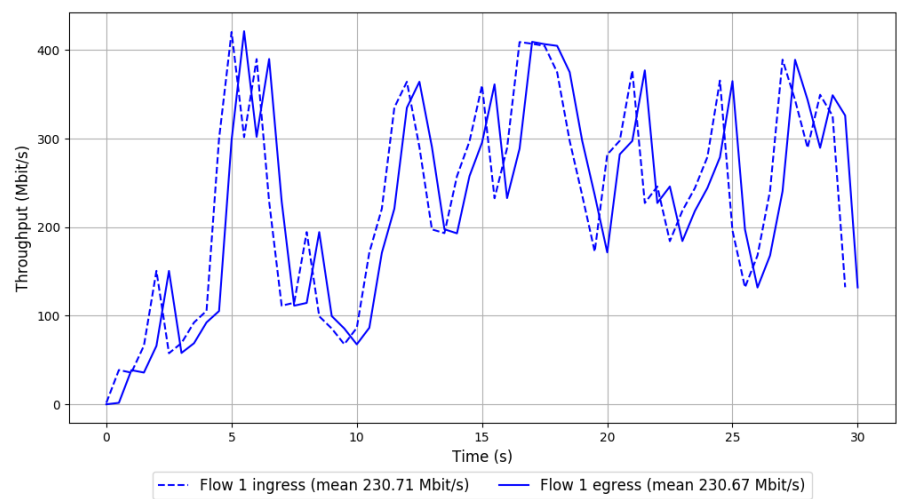
-- Flow 1:

Average throughput: 230.67 Mbit/s

95th percentile per-packet one-way delay: 1.162 ms

Loss rate: 0.02%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-02-05 03:30:54

End at: 2019-02-05 03:31:24

Local clock offset: 0.371 ms

Remote clock offset: -0.157 ms

Below is generated by plot.py at 2019-02-05 05:35:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 251.04 Mbit/s

95th percentile per-packet one-way delay: 1.344 ms

Loss rate: 0.08%

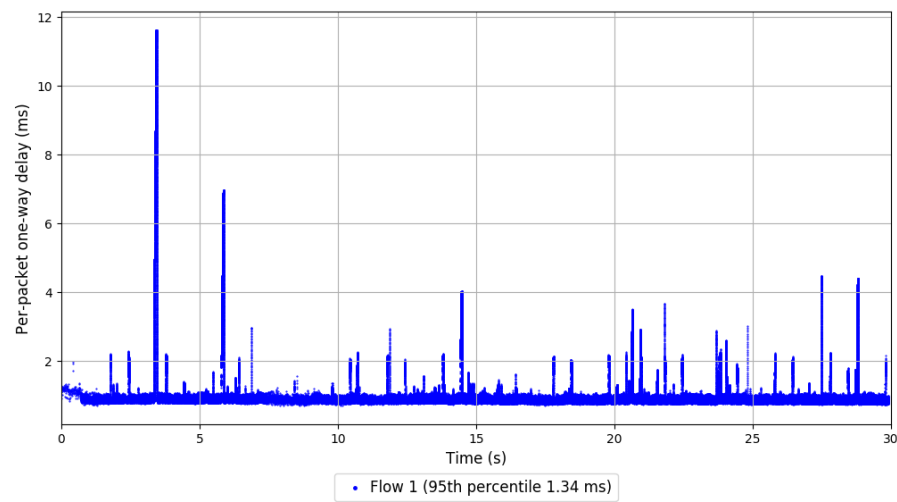
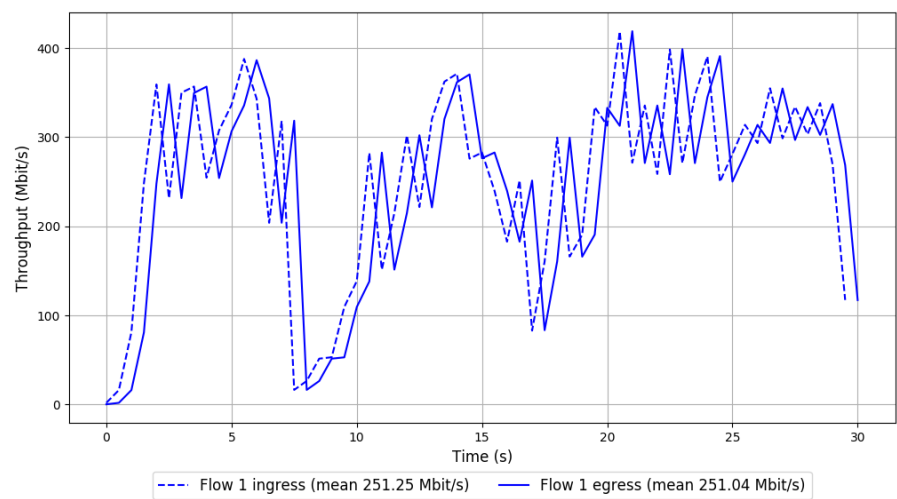
-- Flow 1:

Average throughput: 251.04 Mbit/s

95th percentile per-packet one-way delay: 1.344 ms

Loss rate: 0.08%

Run 3: Report of PCC-Vivace — Data Link

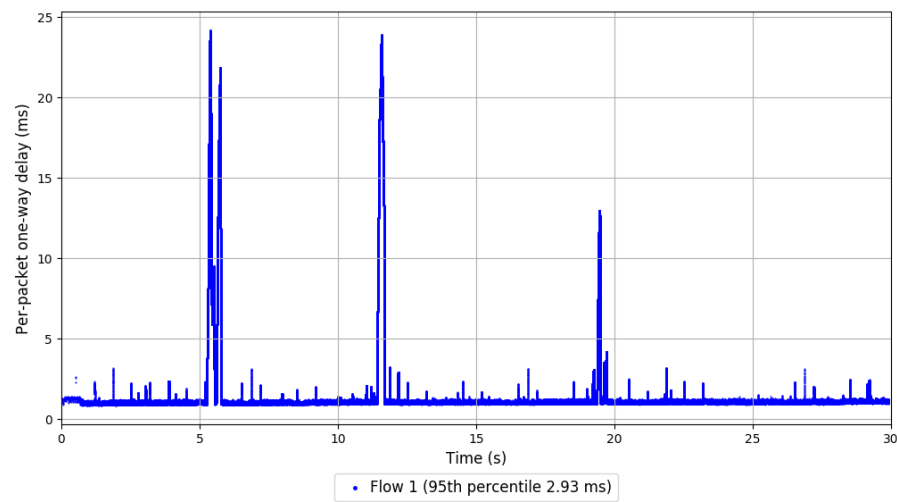
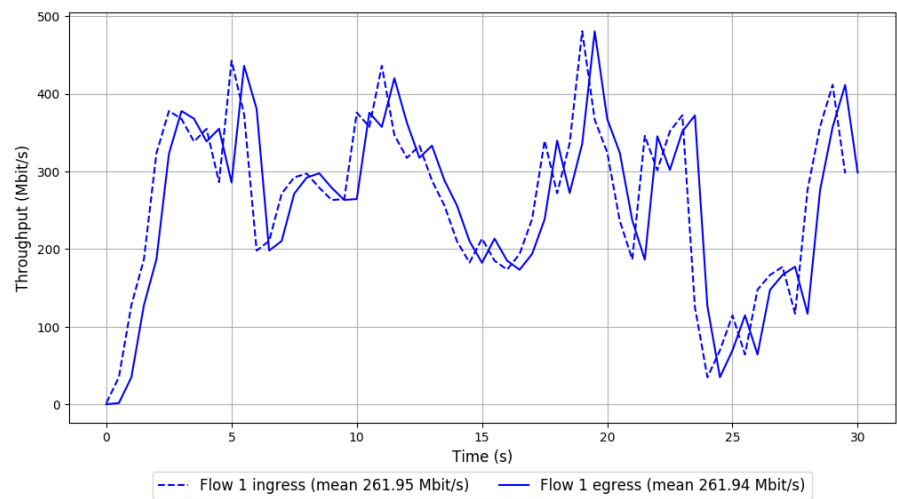


Run 4: Statistics of PCC-Vivace

Start at: 2019-02-05 03:59:19
End at: 2019-02-05 03:59:49
Local clock offset: 2.534 ms
Remote clock offset: -4.287 ms

Below is generated by plot.py at 2019-02-05 05:35:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 261.94 Mbit/s
95th percentile per-packet one-way delay: 2.928 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 261.94 Mbit/s
95th percentile per-packet one-way delay: 2.928 ms
Loss rate: 0.01%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-02-05 04:28:08

End at: 2019-02-05 04:28:38

Local clock offset: 3.309 ms

Remote clock offset: -0.416 ms

Below is generated by plot.py at 2019-02-05 05:35:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 194.68 Mbit/s

95th percentile per-packet one-way delay: 2.896 ms

Loss rate: 0.02%

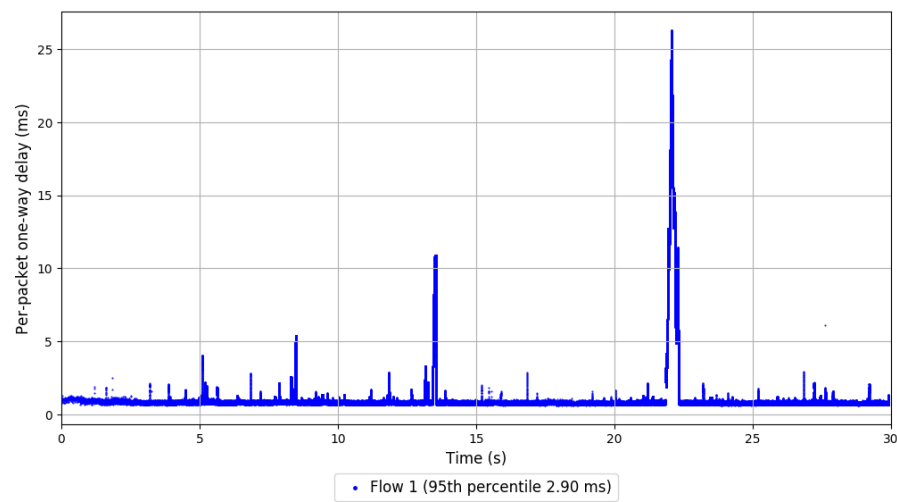
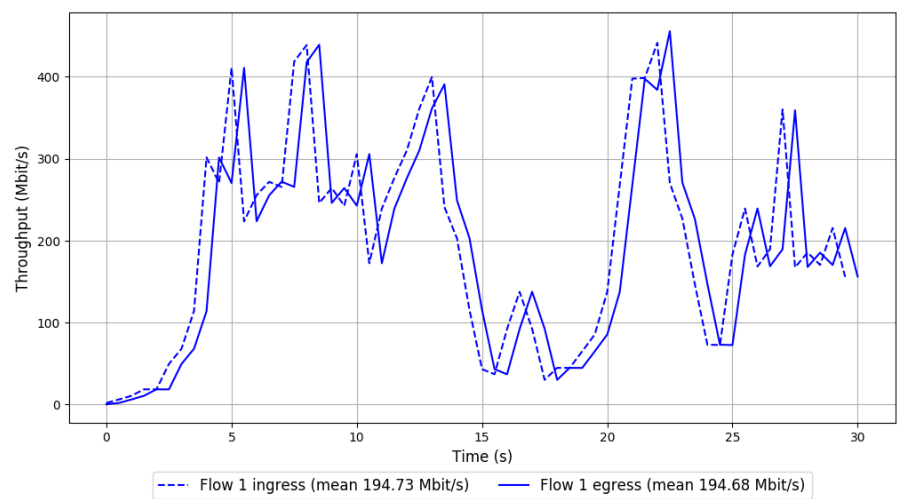
-- Flow 1:

Average throughput: 194.68 Mbit/s

95th percentile per-packet one-way delay: 2.896 ms

Loss rate: 0.02%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-02-05 02:41:27

End at: 2019-02-05 02:41:57

Local clock offset: 3.694 ms

Remote clock offset: 1.036 ms

Below is generated by plot.py at 2019-02-05 05:35:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.633 ms

Loss rate: 0.00%

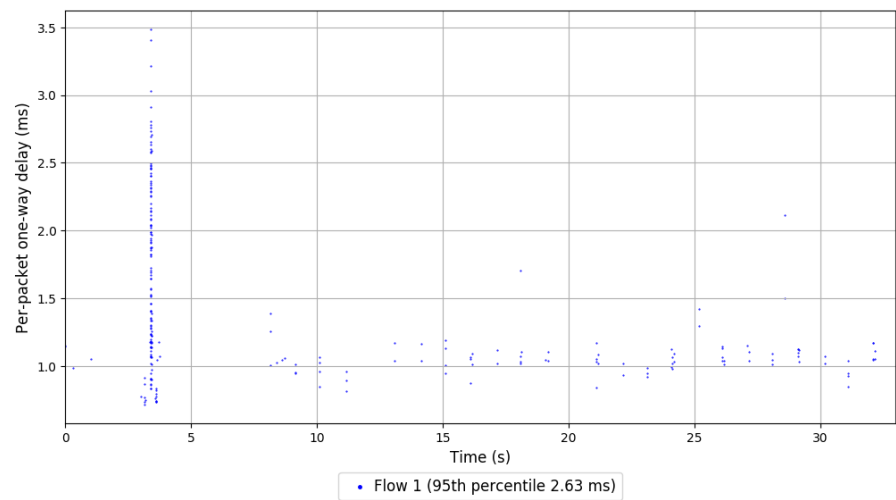
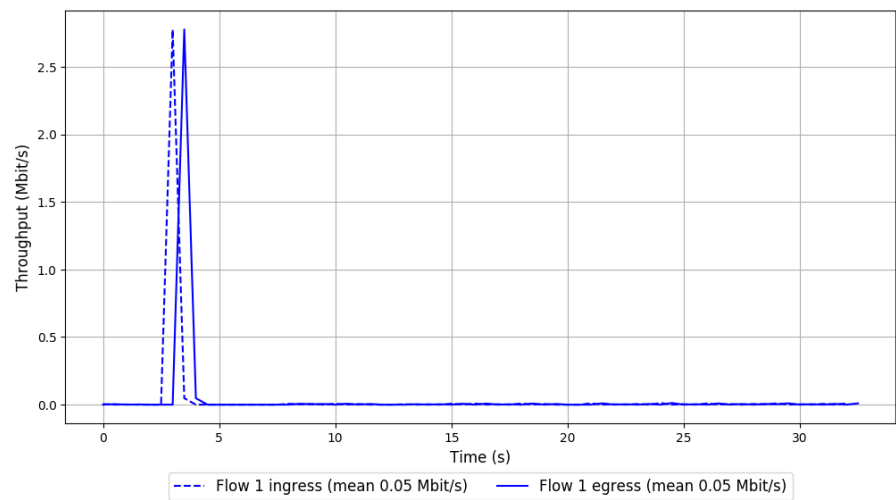
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.633 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-02-05 03:10:23

End at: 2019-02-05 03:10:54

Local clock offset: 3.555 ms

Remote clock offset: 0.354 ms

Below is generated by plot.py at 2019-02-05 05:35:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.069 ms

Loss rate: 0.00%

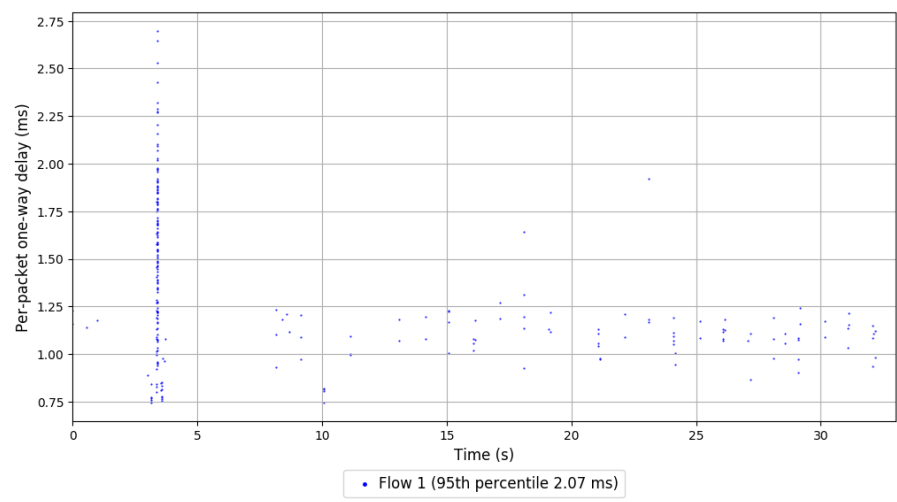
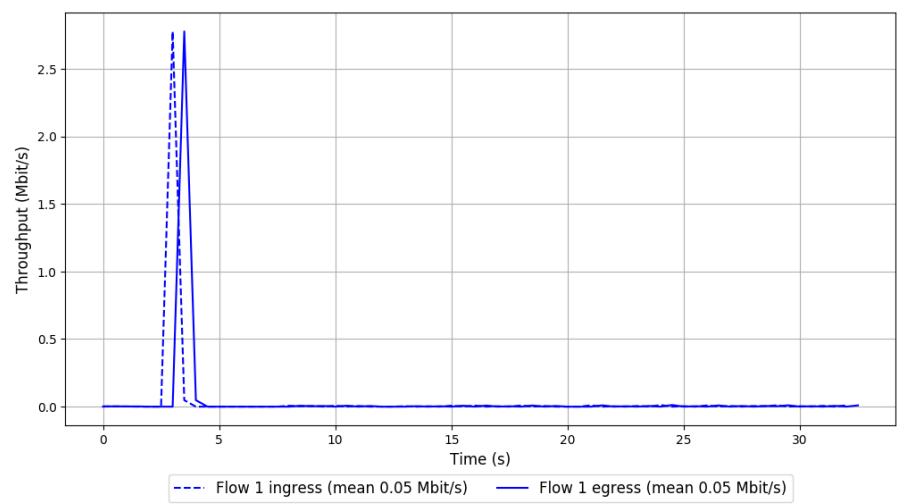
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.069 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

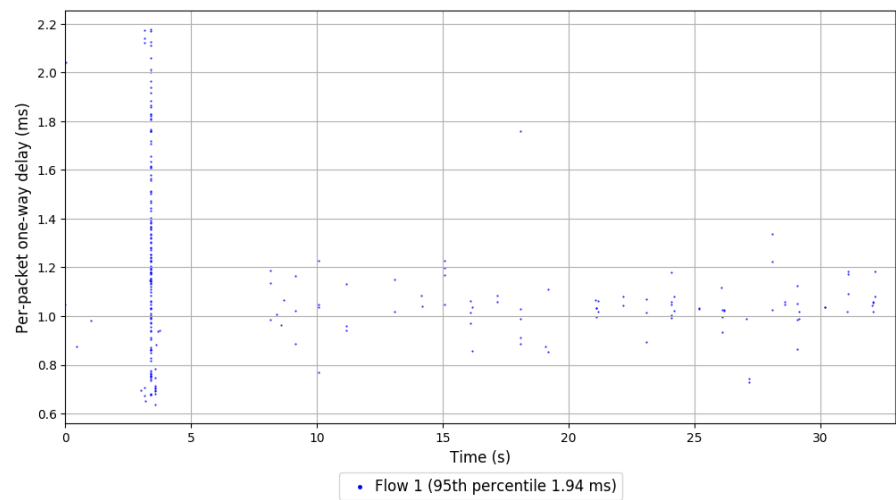
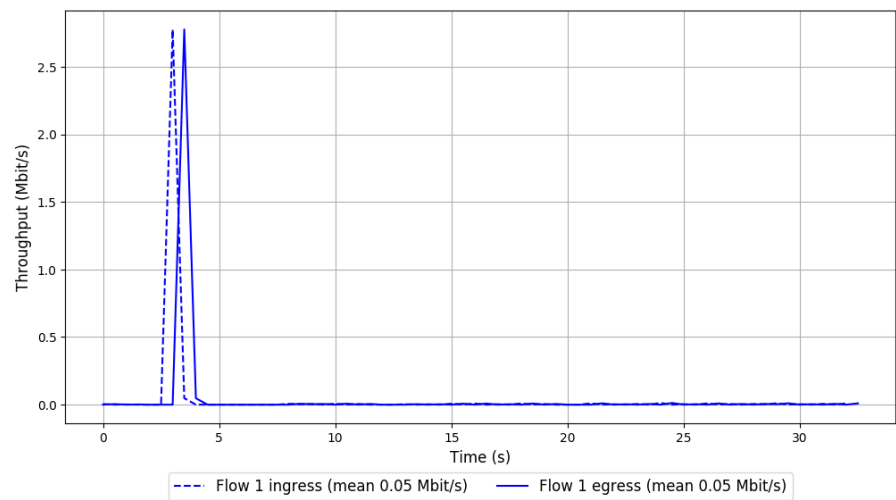


Run 3: Statistics of WebRTC media

Start at: 2019-02-05 03:39:00
End at: 2019-02-05 03:39:30
Local clock offset: -0.281 ms
Remote clock offset: -1.842 ms

Below is generated by plot.py at 2019-02-05 05:35:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.940 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.940 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

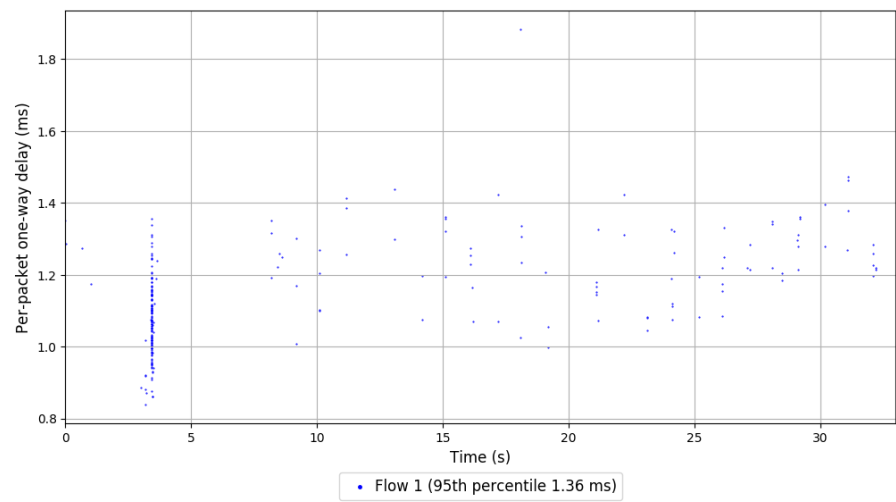
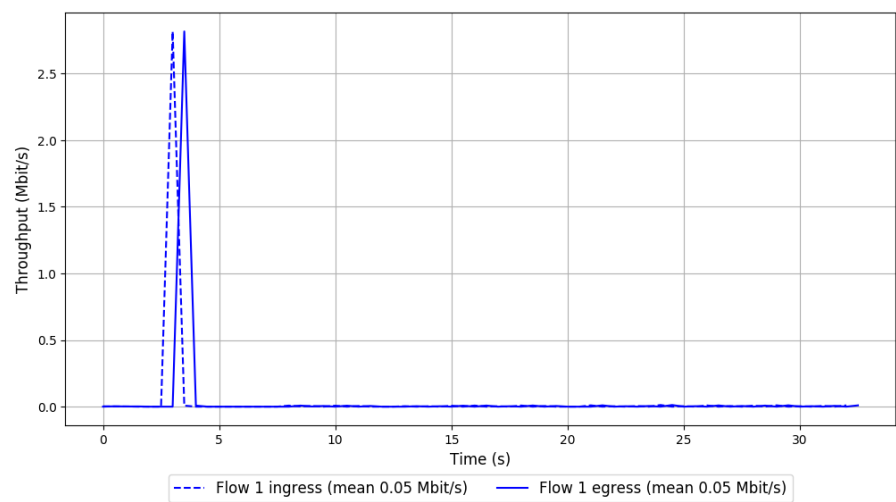


Run 4: Statistics of WebRTC media

Start at: 2019-02-05 04:07:27
End at: 2019-02-05 04:07:57
Local clock offset: 3.179 ms
Remote clock offset: -4.861 ms

Below is generated by plot.py at 2019-02-05 05:35:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.356 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.356 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-02-05 04:36:18
End at: 2019-02-05 04:36:48
Local clock offset: 3.347 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2019-02-05 05:35:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.295 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.295 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

