

Pantheon Report

Generated at 2019-02-19 23:00:16 (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:

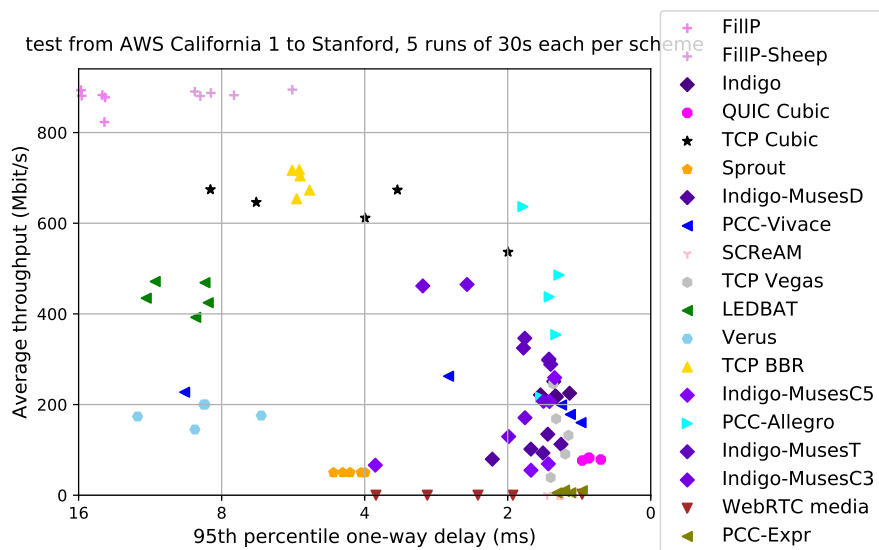
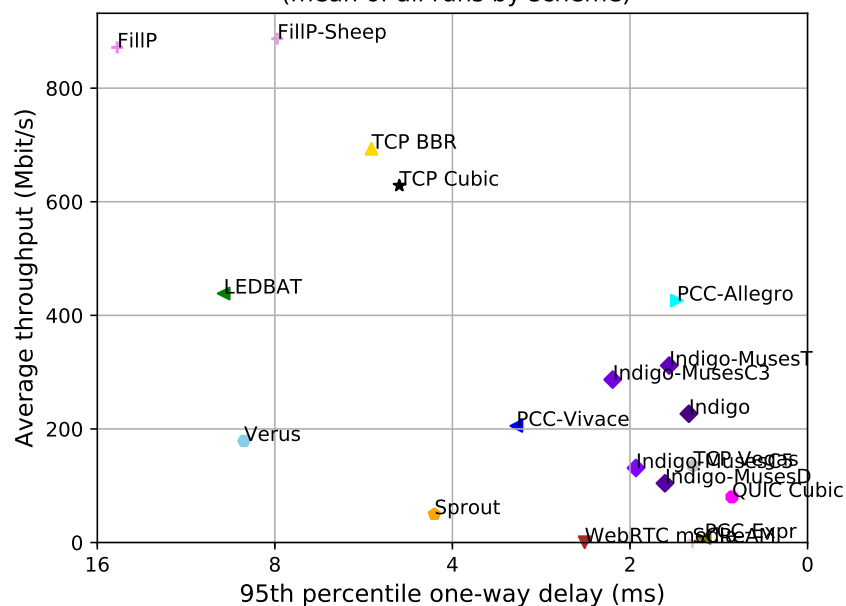
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

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	693.40	5.49	0.19
Copa	0	N/A	N/A	N/A
TCP Cubic	5	628.40	4.92	0.12
FillP	5	871.73	14.81	3.97
FillP-Sheep	5	887.12	7.92	3.34
Indigo	5	226.71	1.34	0.01
Indigo-MusesC3	5	286.85	2.14	0.09
Indigo-MusesC5	5	131.33	1.93	0.09
Indigo-MusesD	5	104.31	1.61	0.03
Indigo-MusesT	5	311.62	1.56	0.06
LEDBAT	5	438.40	9.77	0.11
PCC-Allegro	5	426.05	1.47	0.16
PCC-Expr	5	8.00	1.16	12.98
QUIC Cubic	5	80.33	0.85	0.01
SCReAM	5	0.22	1.30	0.03
Sprout	5	49.96	4.29	0.13
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	135.30	1.29	0.04
Verus	5	178.92	9.03	1.28
PCC-Vivace	5	205.41	3.12	0.05
WebRTC media	5	0.47	2.39	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-02-19 19:53:18

End at: 2019-02-19 19:53:48

Local clock offset: -7.769 ms

Remote clock offset: -3.38 ms

Below is generated by plot.py at 2019-02-19 22:23:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 673.15 Mbit/s

95th percentile per-packet one-way delay: 5.224 ms

Loss rate: 0.26%

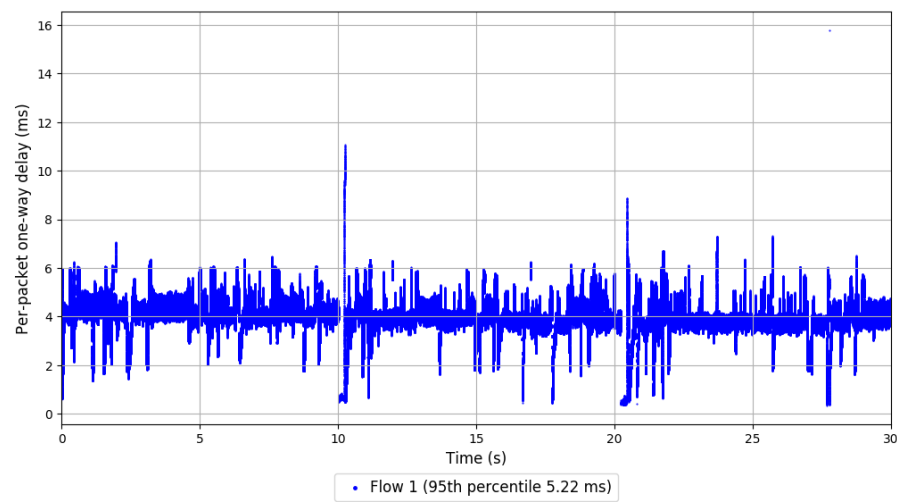
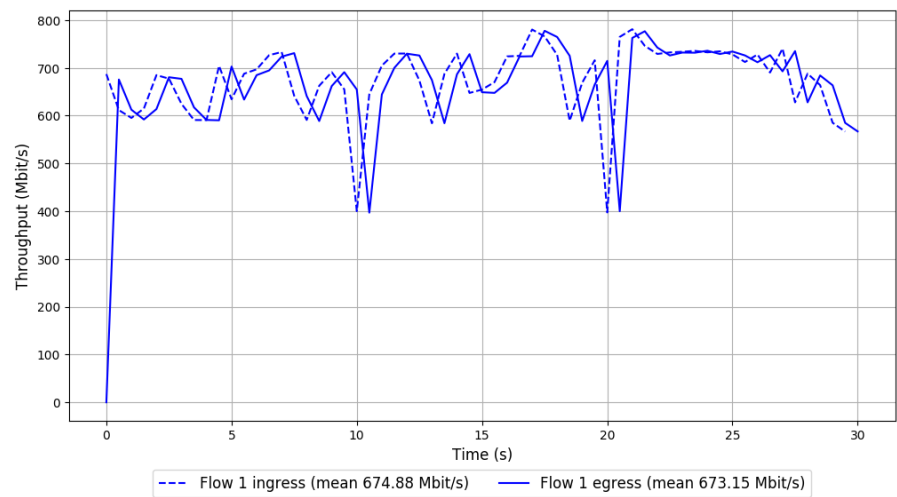
-- Flow 1:

Average throughput: 673.15 Mbit/s

95th percentile per-packet one-way delay: 5.224 ms

Loss rate: 0.26%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-02-19 20:21:57

End at: 2019-02-19 20:22:27

Local clock offset: -4.107 ms

Remote clock offset: 1.321 ms

Below is generated by plot.py at 2019-02-19 22:23:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 654.04 Mbit/s

95th percentile per-packet one-way delay: 5.562 ms

Loss rate: 0.07%

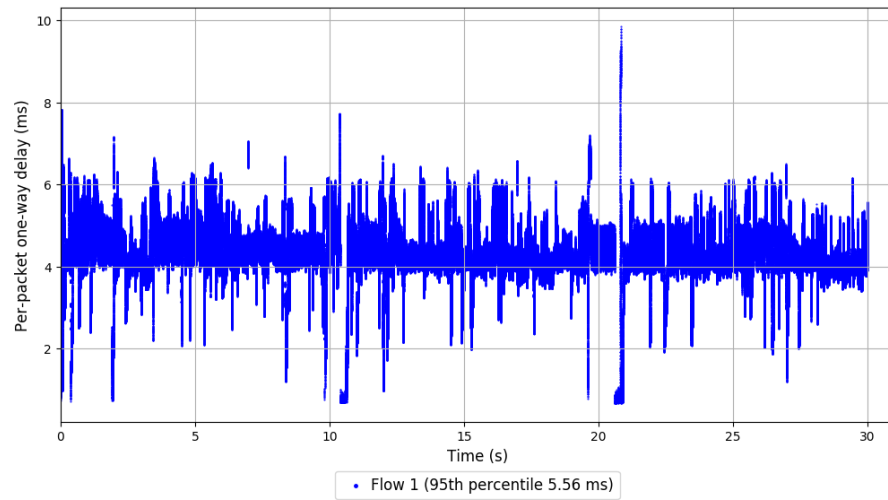
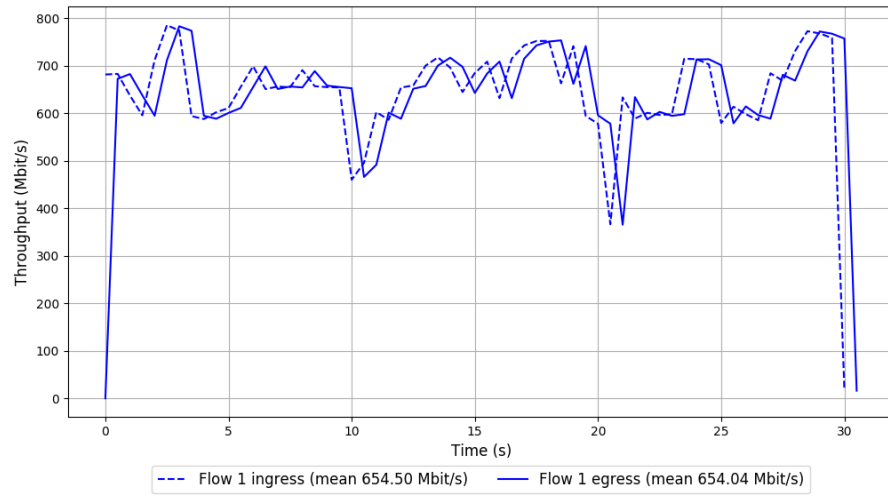
-- Flow 1:

Average throughput: 654.04 Mbit/s

95th percentile per-packet one-way delay: 5.562 ms

Loss rate: 0.07%

Run 2: Report of TCP BBR — Data Link

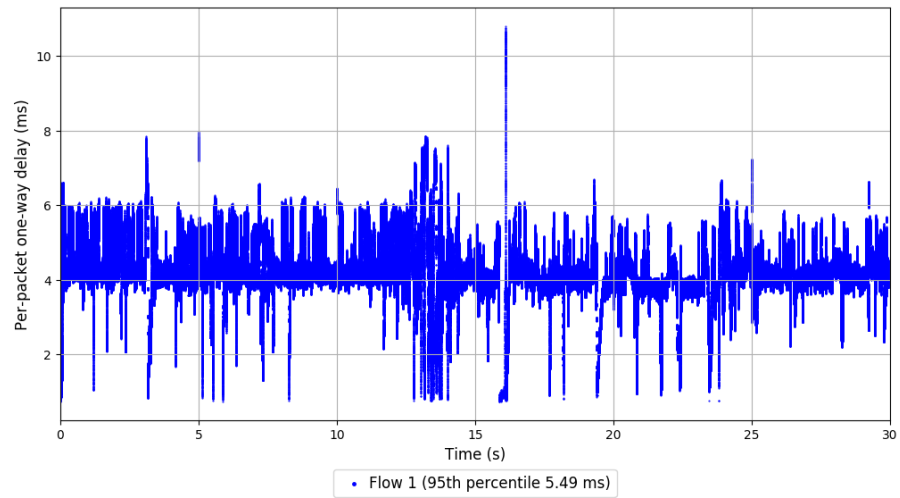
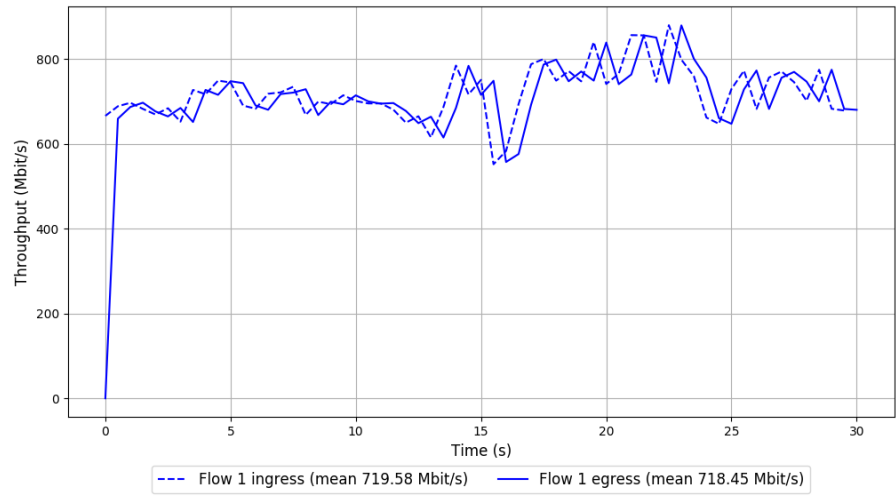


Run 3: Statistics of TCP BBR

Start at: 2019-02-19 20:50:25
End at: 2019-02-19 20:50:55
Local clock offset: -2.209 ms
Remote clock offset: -3.605 ms

Below is generated by plot.py at 2019-02-19 22:23:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 718.45 Mbit/s
95th percentile per-packet one-way delay: 5.492 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 718.45 Mbit/s
95th percentile per-packet one-way delay: 5.492 ms
Loss rate: 0.16%

Run 3: Report of TCP BBR — Data Link

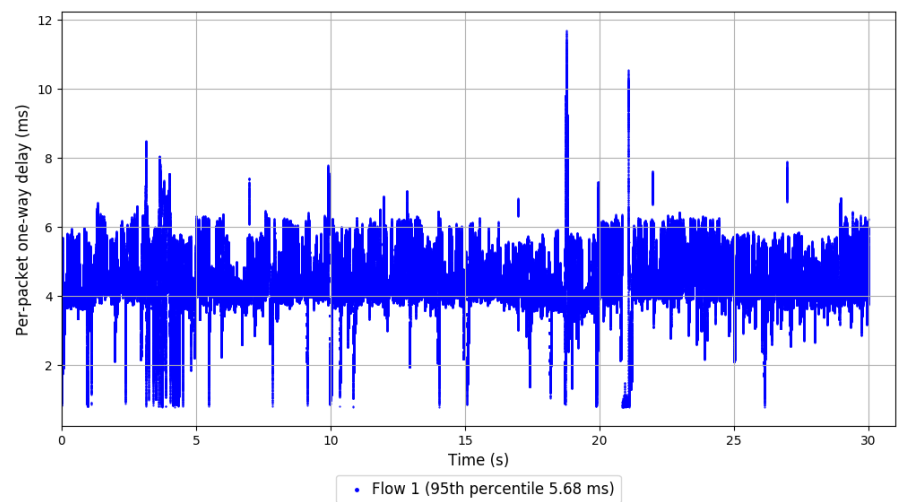
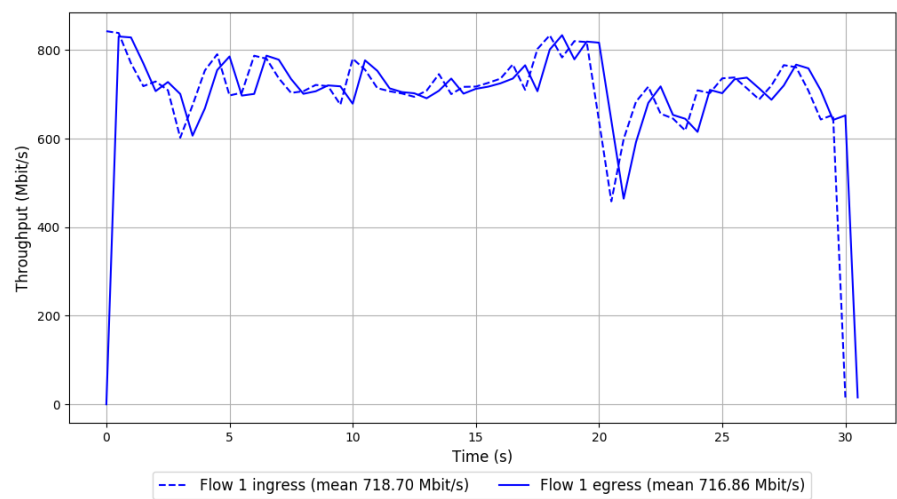


Run 4: Statistics of TCP BBR

Start at: 2019-02-19 21:19:04
End at: 2019-02-19 21:19:34
Local clock offset: -1.201 ms
Remote clock offset: -3.383 ms

Below is generated by plot.py at 2019-02-19 22:23:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 716.86 Mbit/s
95th percentile per-packet one-way delay: 5.682 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 716.86 Mbit/s
95th percentile per-packet one-way delay: 5.682 ms
Loss rate: 0.26%

Run 4: Report of TCP BBR — Data Link

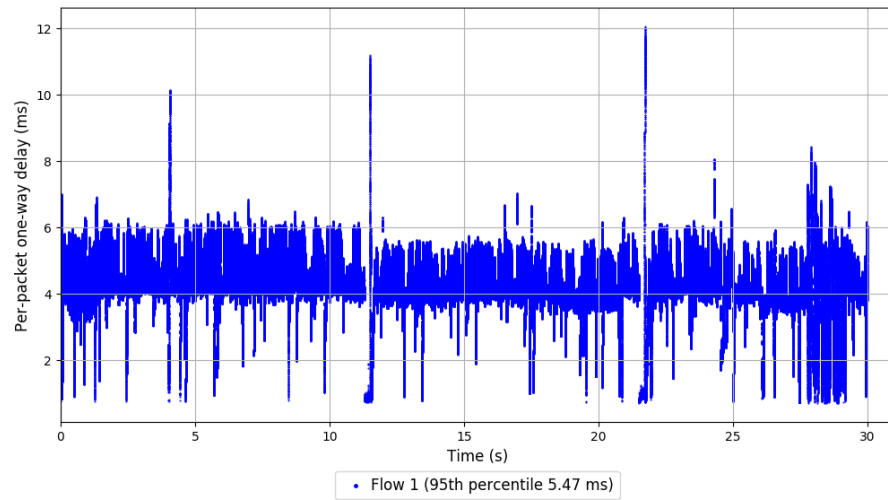
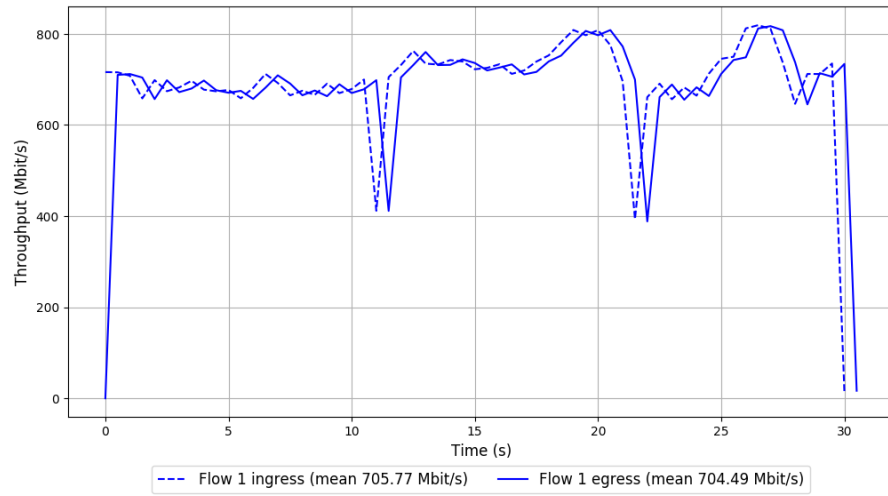


Run 5: Statistics of TCP BBR

Start at: 2019-02-19 21:47:39
End at: 2019-02-19 21:48:09
Local clock offset: -0.53 ms
Remote clock offset: -0.581 ms

Below is generated by plot.py at 2019-02-19 22:23:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 704.49 Mbit/s
95th percentile per-packet one-way delay: 5.468 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 704.49 Mbit/s
95th percentile per-packet one-way delay: 5.468 ms
Loss rate: 0.18%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

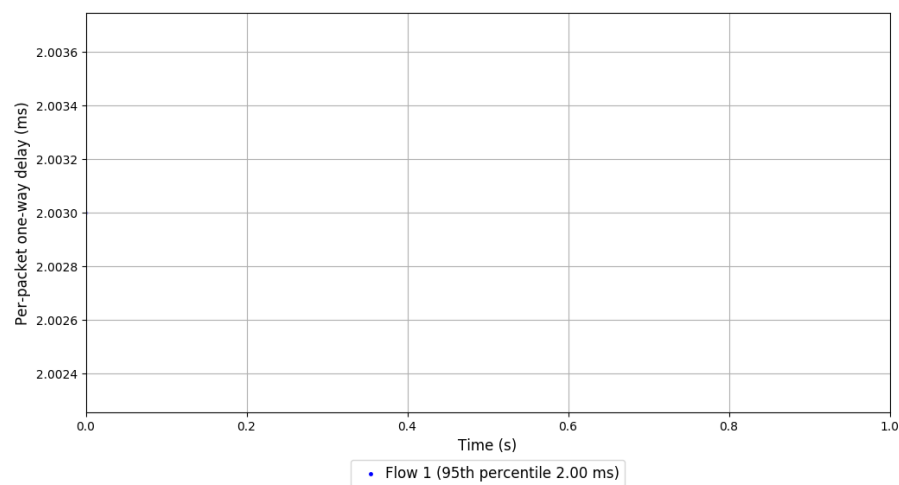
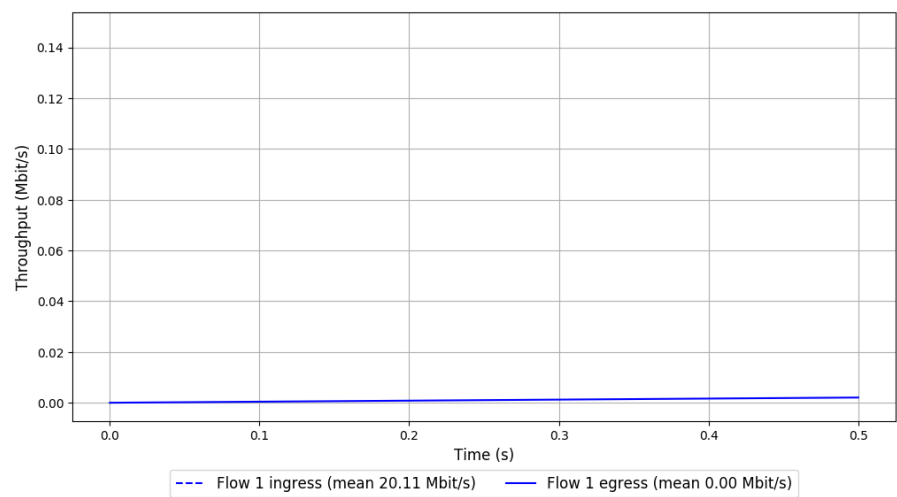
Start at: 2019-02-19 20:02:55

End at: 2019-02-19 20:03:25

Local clock offset: -7.111 ms

Remote clock offset: -0.565 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

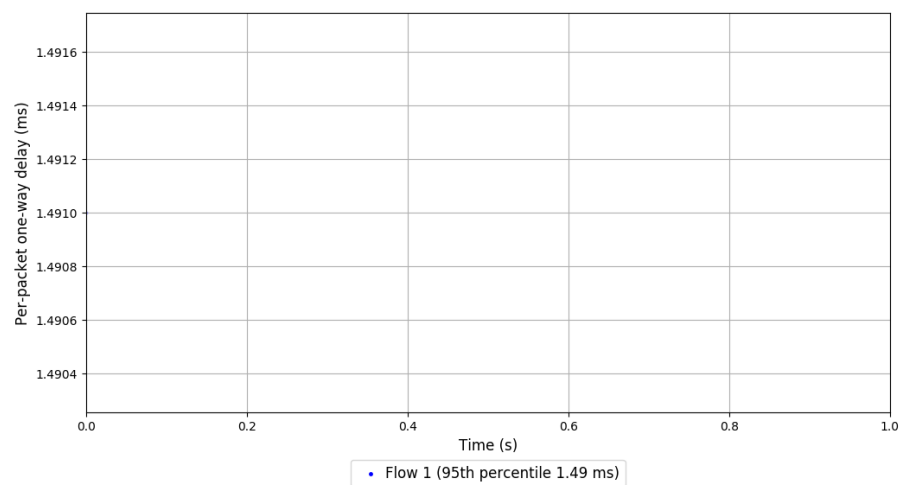
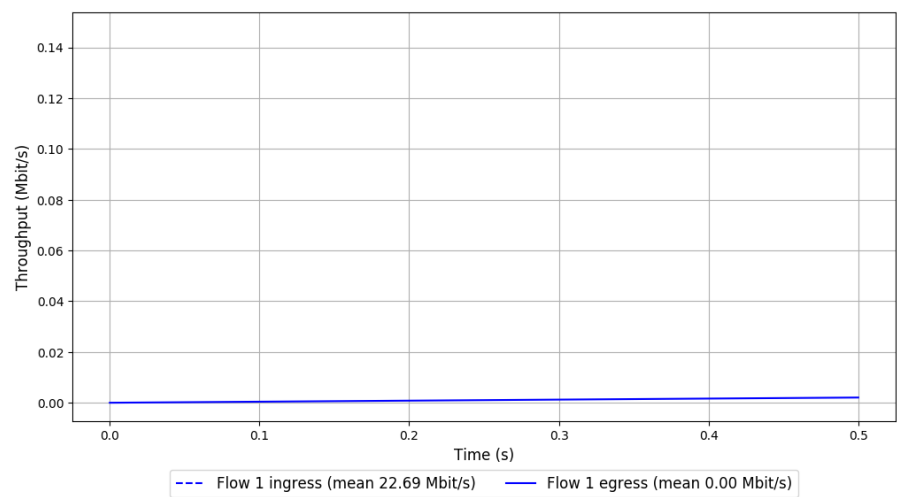
Start at: 2019-02-19 20:31:37

End at: 2019-02-19 20:32:07

Local clock offset: -4.409 ms

Remote clock offset: -0.392 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

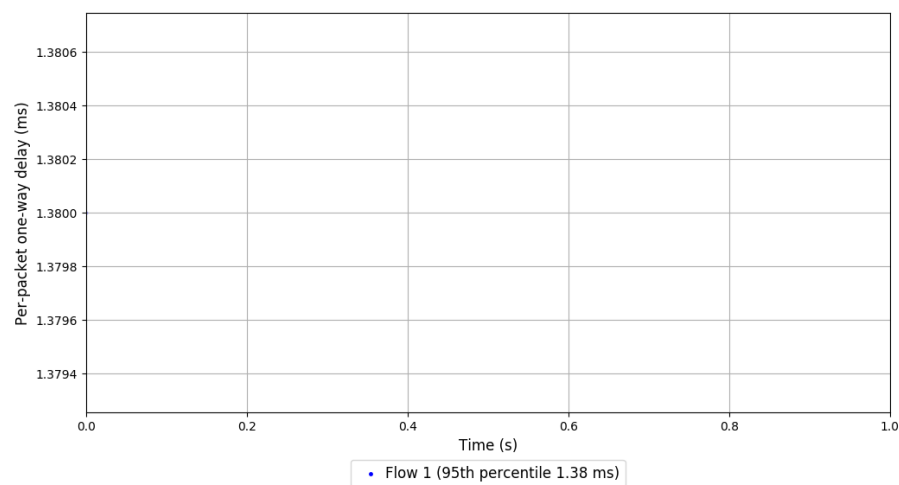
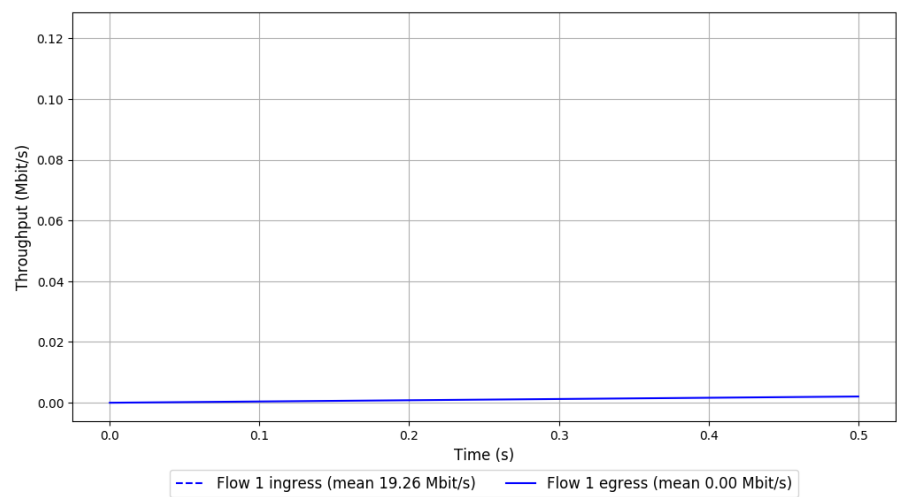
Start at: 2019-02-19 21:00:11

End at: 2019-02-19 21:00:41

Local clock offset: -2.749 ms

Remote clock offset: -3.966 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

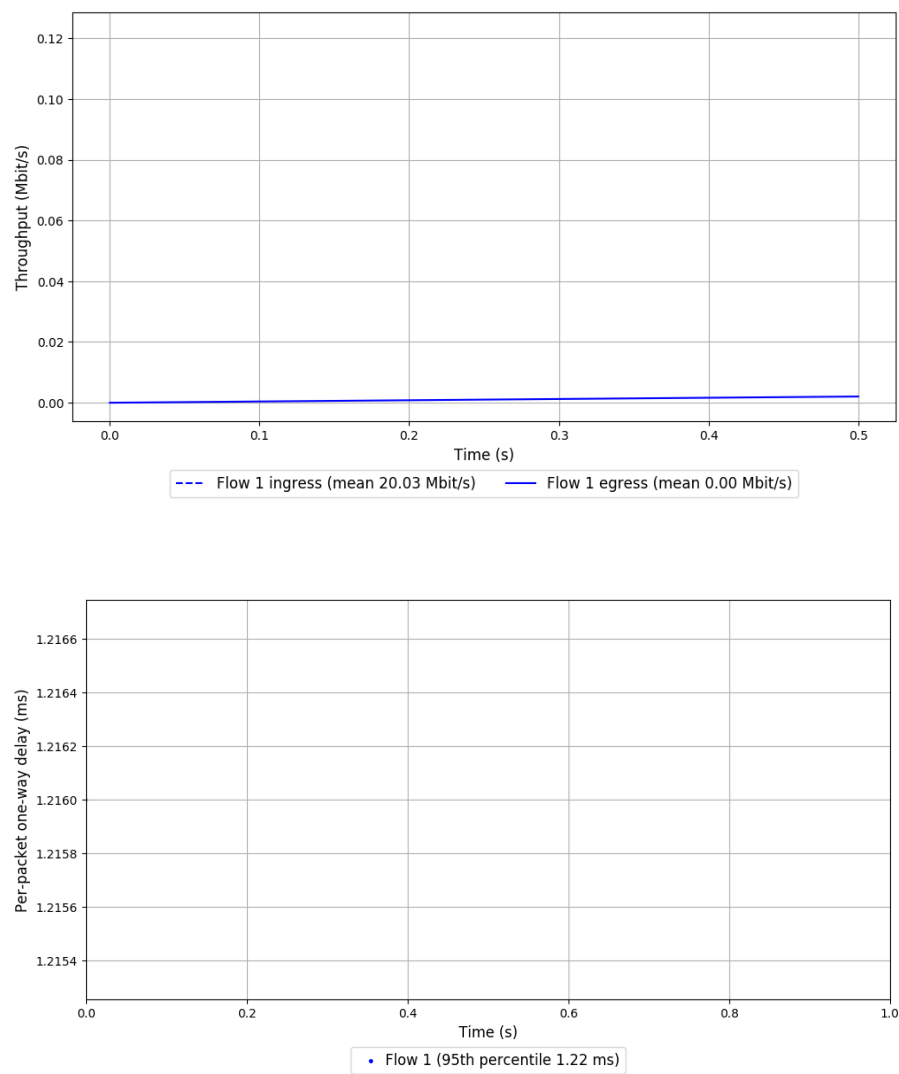
Start at: 2019-02-19 21:28:47

End at: 2019-02-19 21:29:17

Local clock offset: -1.462 ms

Remote clock offset: -3.363 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

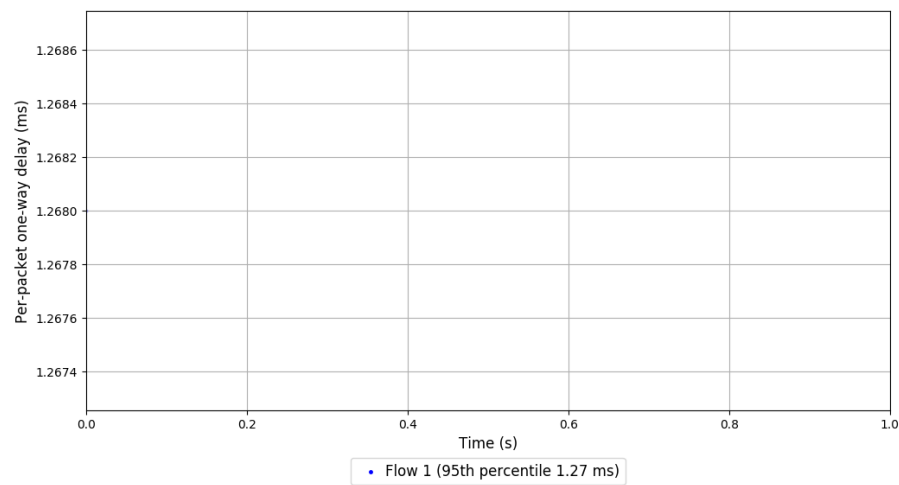
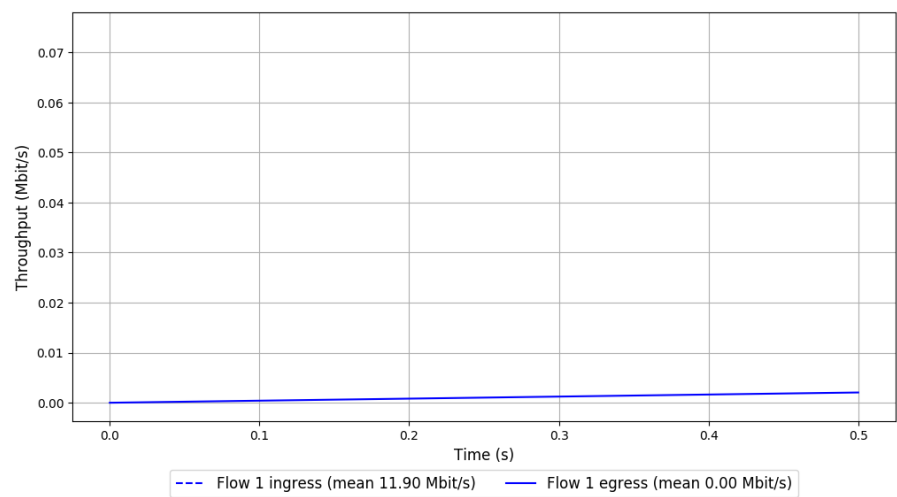
Start at: 2019-02-19 21:57:28

End at: 2019-02-19 21:57:58

Local clock offset: -0.692 ms

Remote clock offset: 0.338 ms

Run 5: Report of Copa — Data Link

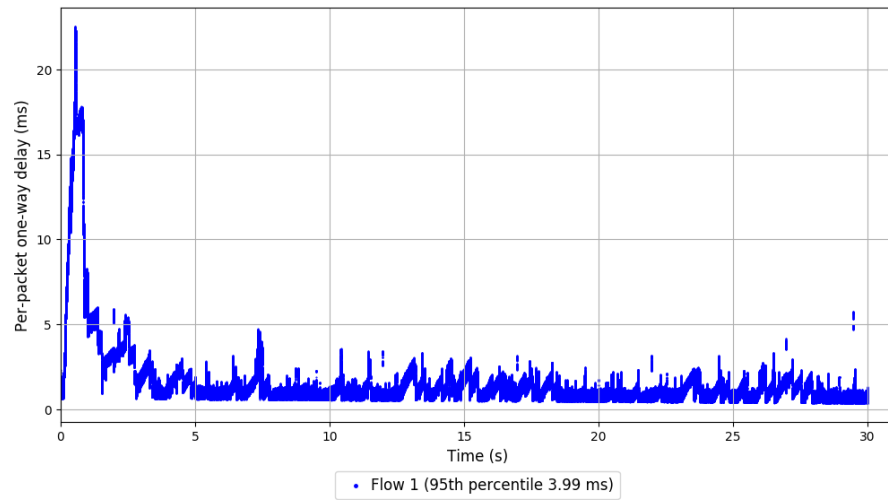
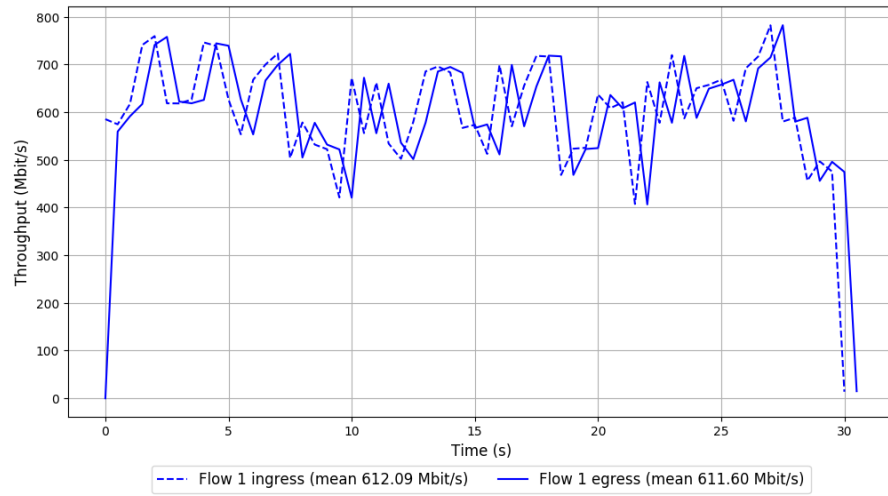


Run 1: Statistics of TCP Cubic

Start at: 2019-02-19 19:54:53
End at: 2019-02-19 19:55:23
Local clock offset: -8.048 ms
Remote clock offset: -2.657 ms

Below is generated by plot.py at 2019-02-19 22:23:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 611.60 Mbit/s
95th percentile per-packet one-way delay: 3.990 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 611.60 Mbit/s
95th percentile per-packet one-way delay: 3.990 ms
Loss rate: 0.08%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-02-19 20:23:31

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

Local clock offset: -4.204 ms

Remote clock offset: 1.427 ms

Below is generated by plot.py at 2019-02-19 22:23:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 536.43 Mbit/s

95th percentile per-packet one-way delay: 1.995 ms

Loss rate: 0.07%

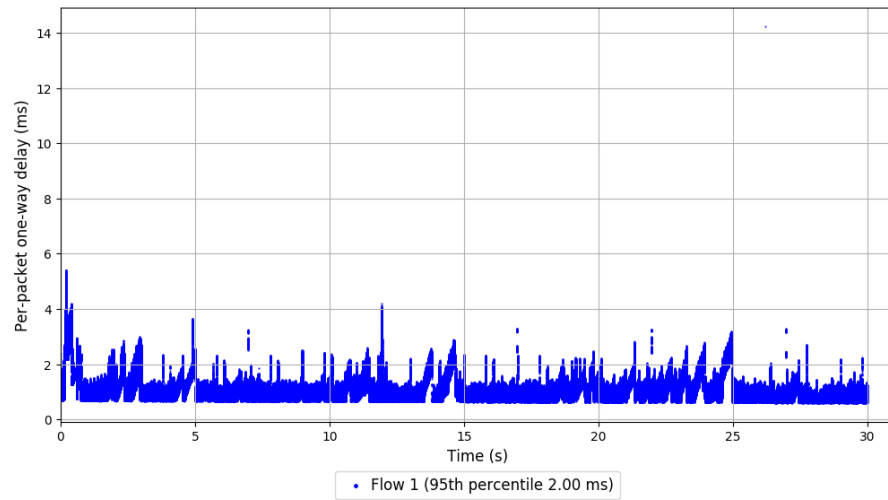
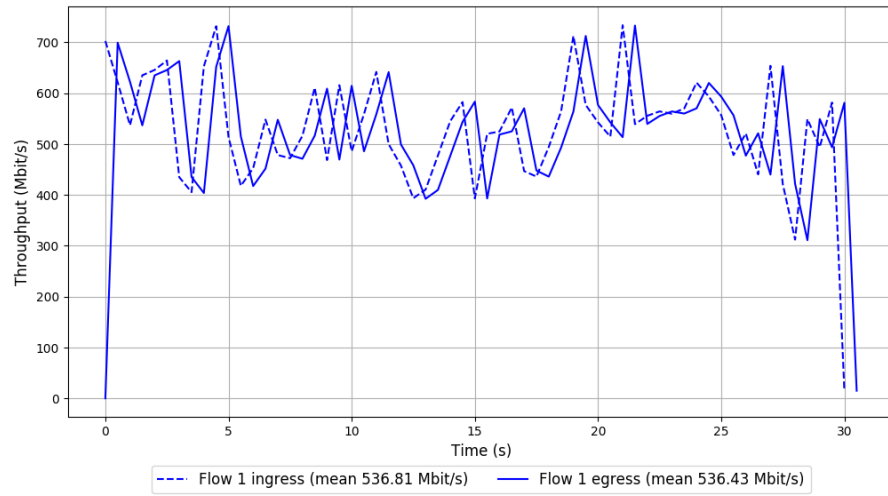
-- Flow 1:

Average throughput: 536.43 Mbit/s

95th percentile per-packet one-way delay: 1.995 ms

Loss rate: 0.07%

Run 2: Report of TCP Cubic — Data Link

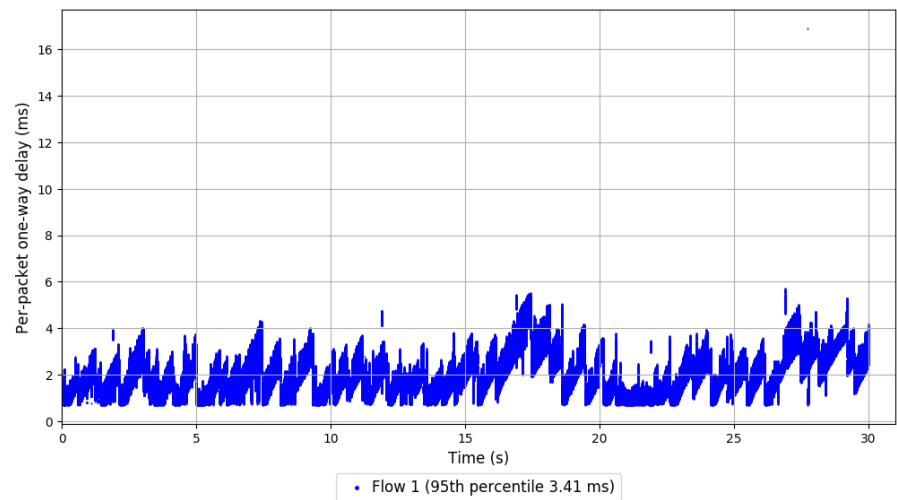
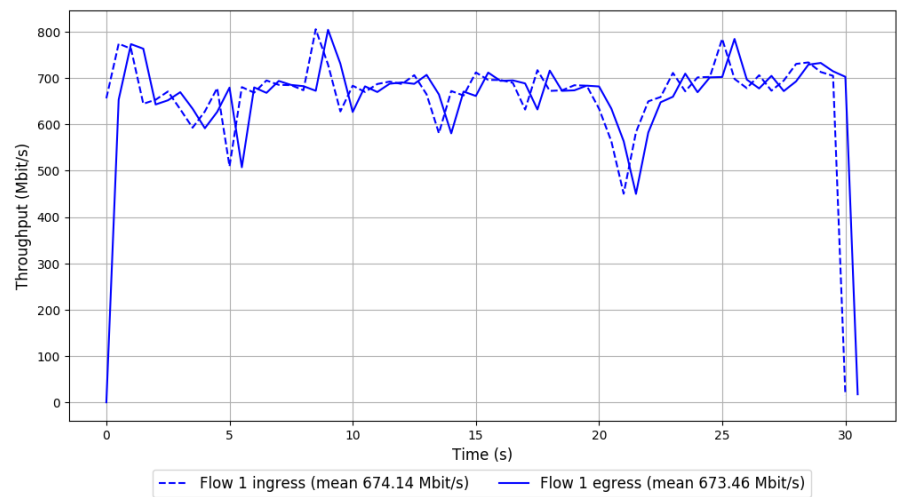


Run 3: Statistics of TCP Cubic

Start at: 2019-02-19 20:52:01
End at: 2019-02-19 20:52:31
Local clock offset: -2.255 ms
Remote clock offset: -3.713 ms

Below is generated by plot.py at 2019-02-19 22:23:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 673.46 Mbit/s
95th percentile per-packet one-way delay: 3.413 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 673.46 Mbit/s
95th percentile per-packet one-way delay: 3.413 ms
Loss rate: 0.10%

Run 3: Report of TCP Cubic — Data Link

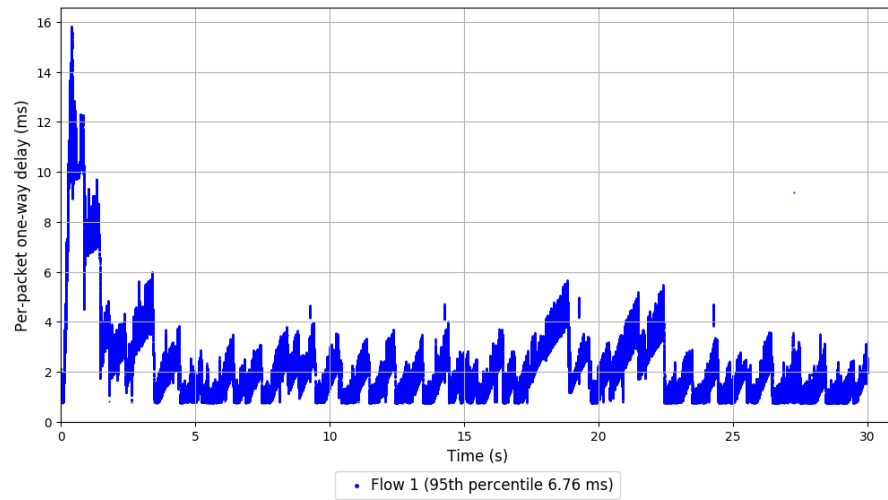
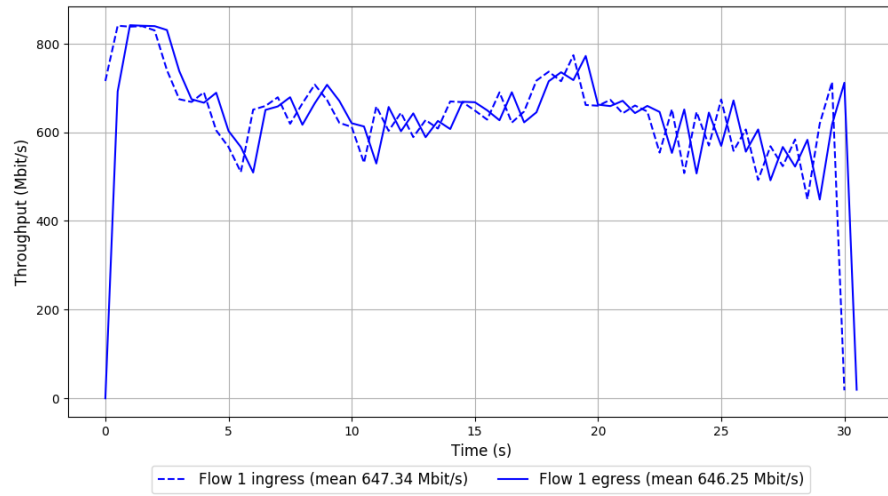


Run 4: Statistics of TCP Cubic

Start at: 2019-02-19 21:20:41
End at: 2019-02-19 21:21:11
Local clock offset: -1.22 ms
Remote clock offset: -3.369 ms

Below is generated by plot.py at 2019-02-19 22:28:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 646.25 Mbit/s
95th percentile per-packet one-way delay: 6.763 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 646.25 Mbit/s
95th percentile per-packet one-way delay: 6.763 ms
Loss rate: 0.17%

Run 4: Report of TCP Cubic — Data Link

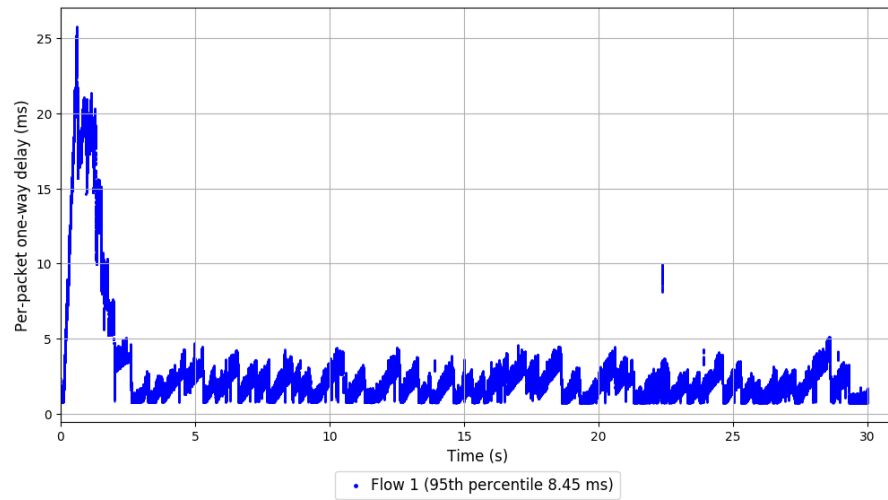
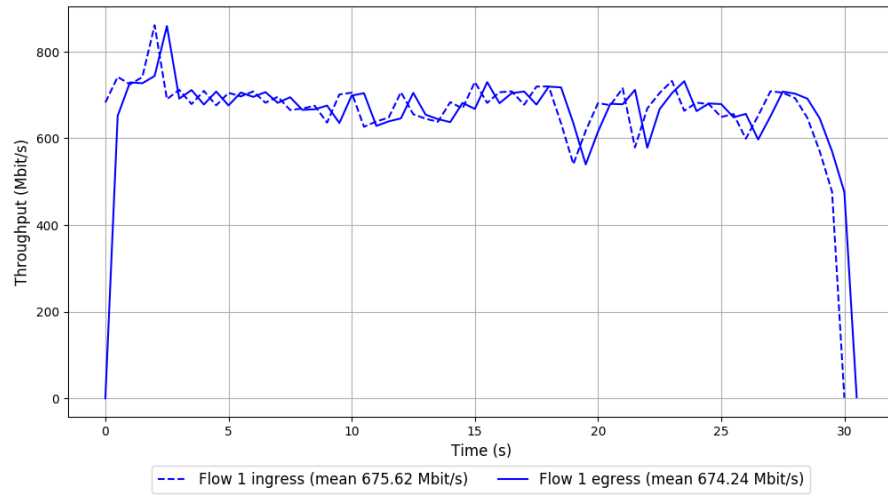


Run 5: Statistics of TCP Cubic

Start at: 2019-02-19 21:49:16
End at: 2019-02-19 21:49:46
Local clock offset: -0.543 ms
Remote clock offset: -0.372 ms

Below is generated by plot.py at 2019-02-19 22:29:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 674.24 Mbit/s
95th percentile per-packet one-way delay: 8.445 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 674.24 Mbit/s
95th percentile per-packet one-way delay: 8.445 ms
Loss rate: 0.20%

Run 5: Report of TCP Cubic — Data Link

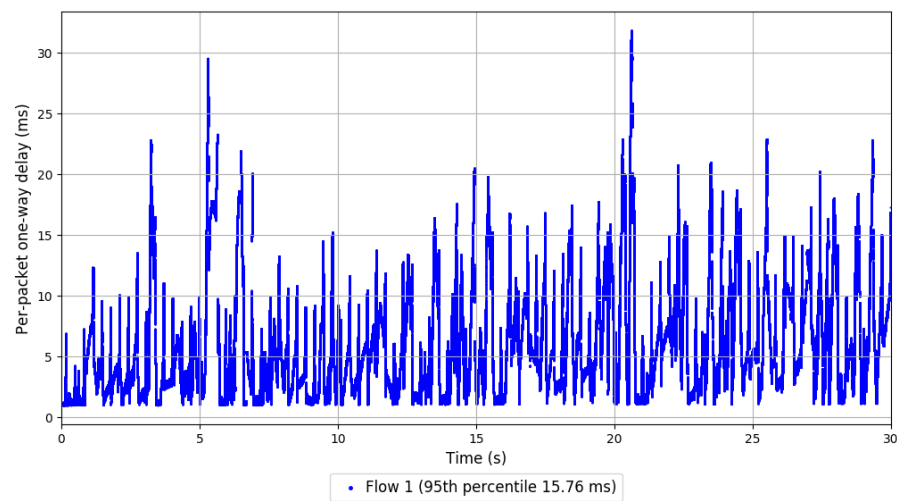
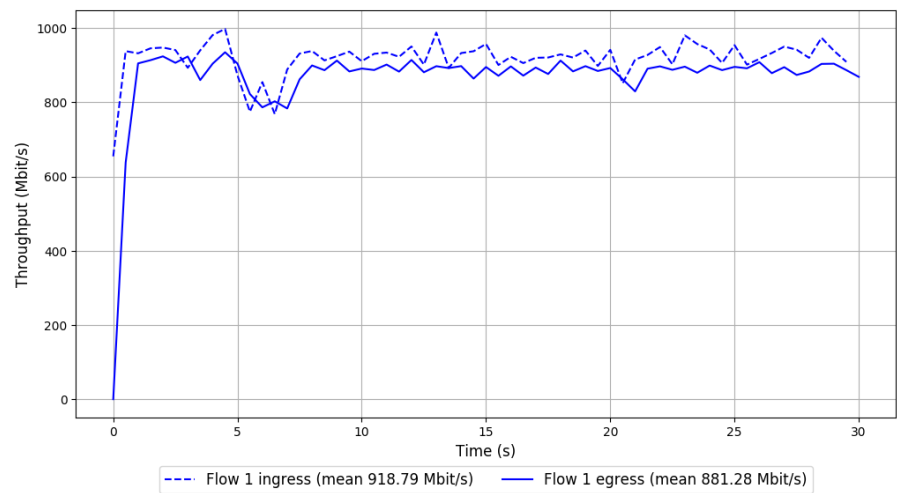


Run 1: Statistics of FillP

Start at: 2019-02-19 20:05:32
End at: 2019-02-19 20:06:02
Local clock offset: -5.829 ms
Remote clock offset: -0.254 ms

Below is generated by plot.py at 2019-02-19 22:35:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 881.28 Mbit/s
95th percentile per-packet one-way delay: 15.761 ms
Loss rate: 4.08%
-- Flow 1:
Average throughput: 881.28 Mbit/s
95th percentile per-packet one-way delay: 15.761 ms
Loss rate: 4.08%

Run 1: Report of FillP — Data Link

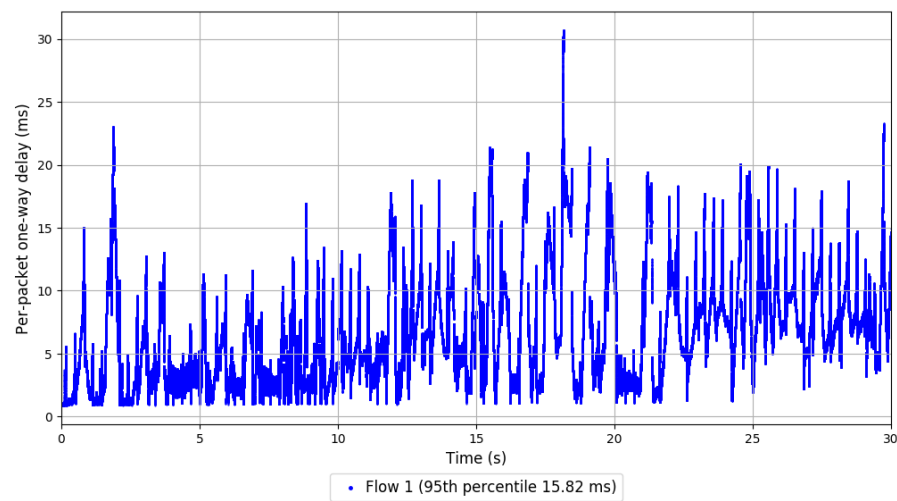
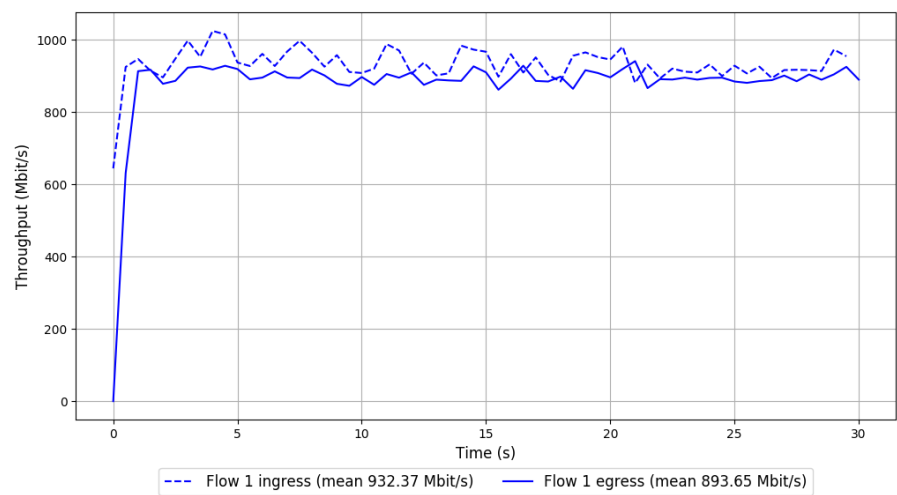


Run 2: Statistics of FillP

Start at: 2019-02-19 20:34:13
End at: 2019-02-19 20:34:43
Local clock offset: -3.411 ms
Remote clock offset: -1.248 ms

Below is generated by plot.py at 2019-02-19 22:35:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 893.65 Mbit/s
95th percentile per-packet one-way delay: 15.820 ms
Loss rate: 4.15%
-- Flow 1:
Average throughput: 893.65 Mbit/s
95th percentile per-packet one-way delay: 15.820 ms
Loss rate: 4.15%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-02-19 21:02:47

End at: 2019-02-19 21:03:17

Local clock offset: -2.16 ms

Remote clock offset: -4.02 ms

Below is generated by plot.py at 2019-02-19 22:35:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 823.33 Mbit/s

95th percentile per-packet one-way delay: 14.117 ms

Loss rate: 3.74%

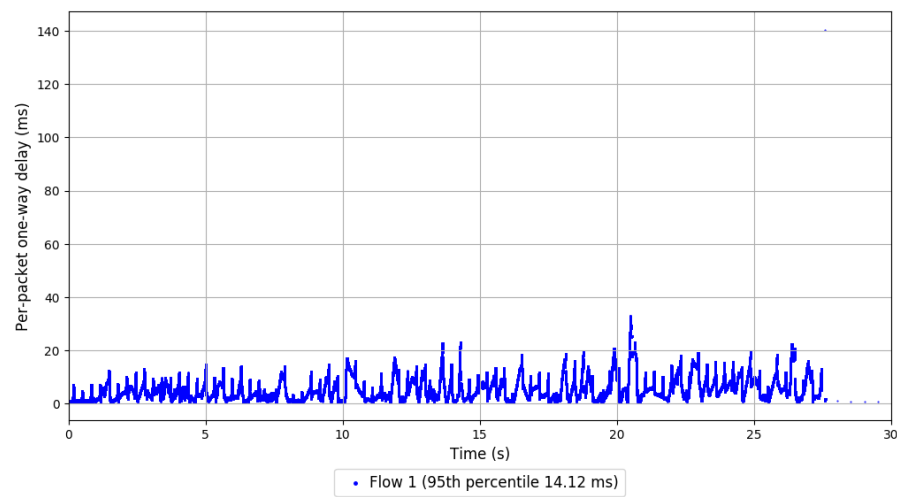
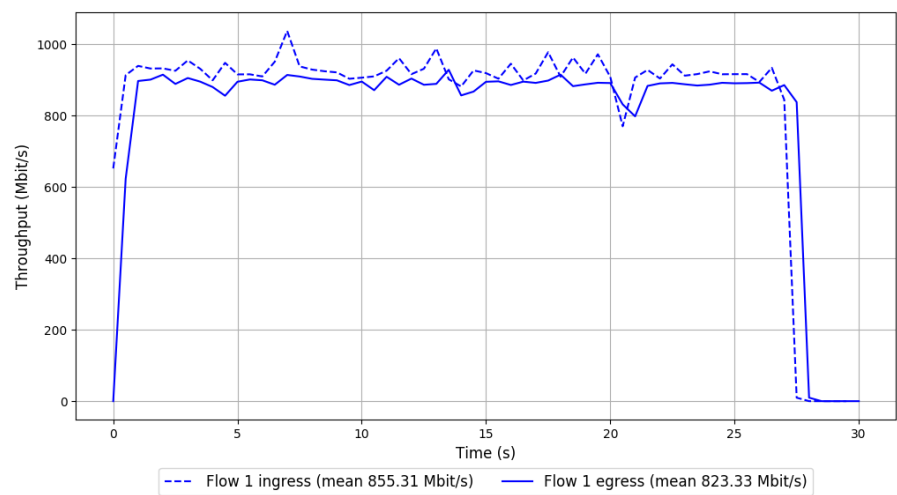
-- Flow 1:

Average throughput: 823.33 Mbit/s

95th percentile per-packet one-way delay: 14.117 ms

Loss rate: 3.74%

Run 3: Report of FillP — Data Link

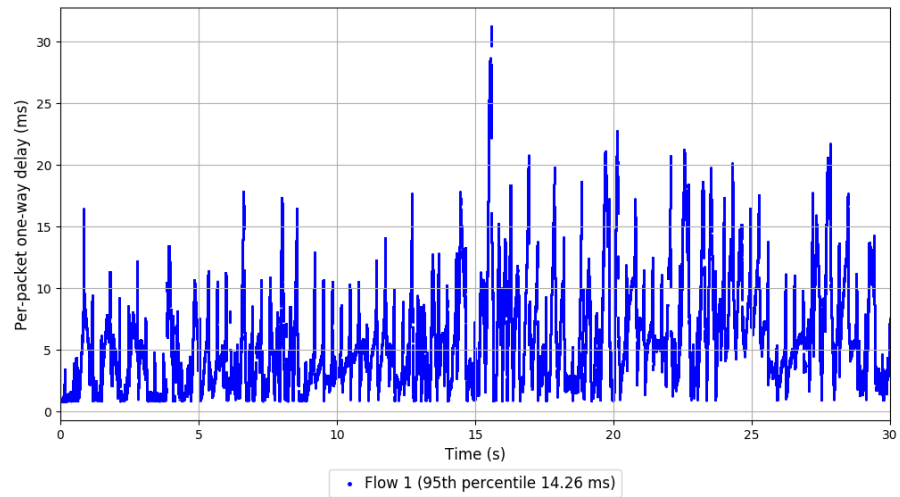
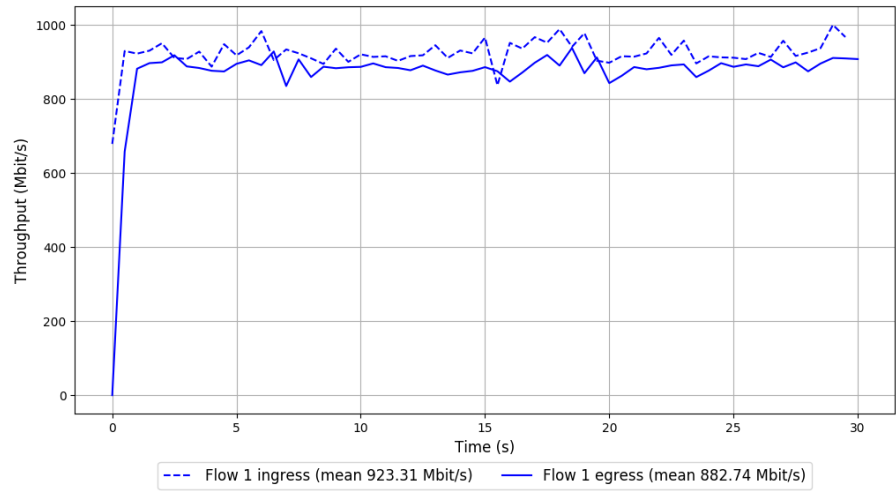


Run 4: Statistics of FillP

Start at: 2019-02-19 21:31:23
End at: 2019-02-19 21:31:53
Local clock offset: -1.334 ms
Remote clock offset: -3.412 ms

Below is generated by plot.py at 2019-02-19 22:35:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 882.74 Mbit/s
95th percentile per-packet one-way delay: 14.261 ms
Loss rate: 4.39%
-- Flow 1:
Average throughput: 882.74 Mbit/s
95th percentile per-packet one-way delay: 14.261 ms
Loss rate: 4.39%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-02-19 22:00:03

End at: 2019-02-19 22:00:33

Local clock offset: -0.747 ms

Remote clock offset: 0.404 ms

Below is generated by plot.py at 2019-02-19 22:35:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 877.66 Mbit/s

95th percentile per-packet one-way delay: 14.068 ms

Loss rate: 3.49%

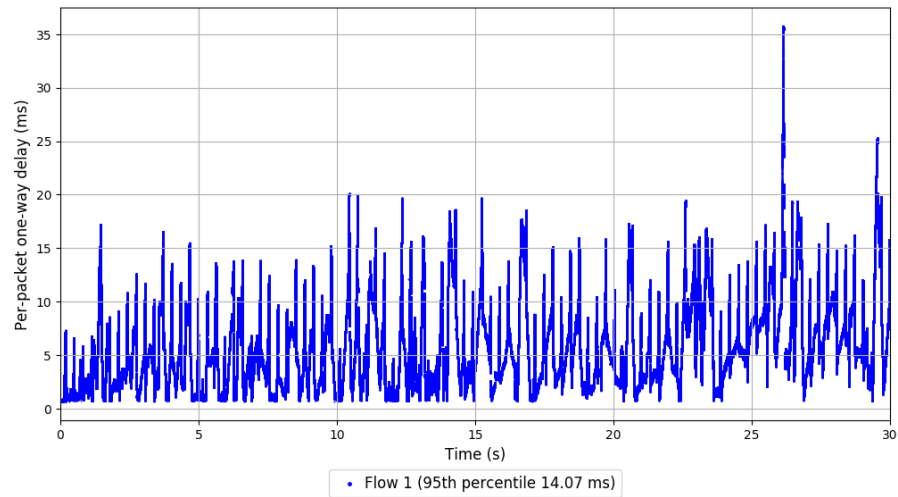
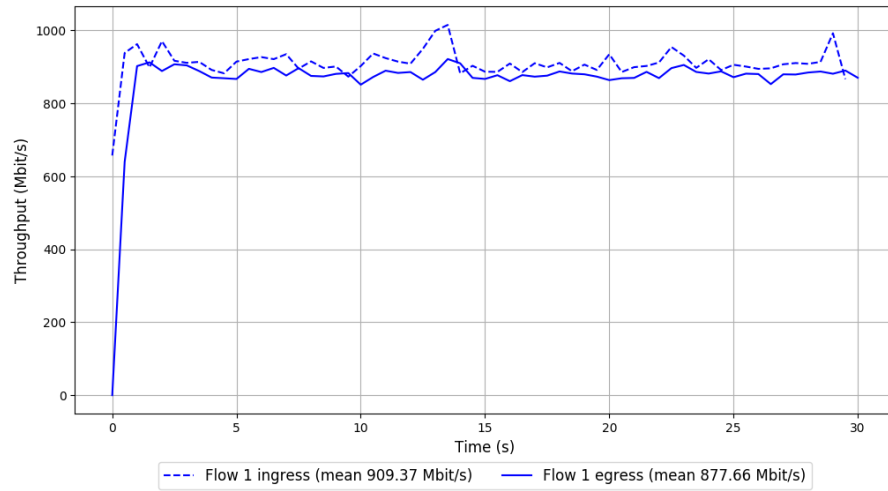
-- Flow 1:

Average throughput: 877.66 Mbit/s

95th percentile per-packet one-way delay: 14.068 ms

Loss rate: 3.49%

Run 5: Report of FillP — Data Link

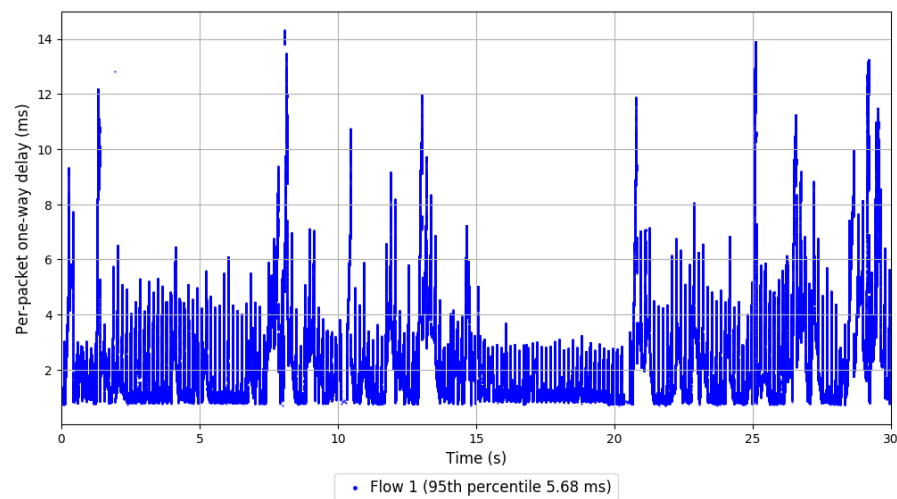
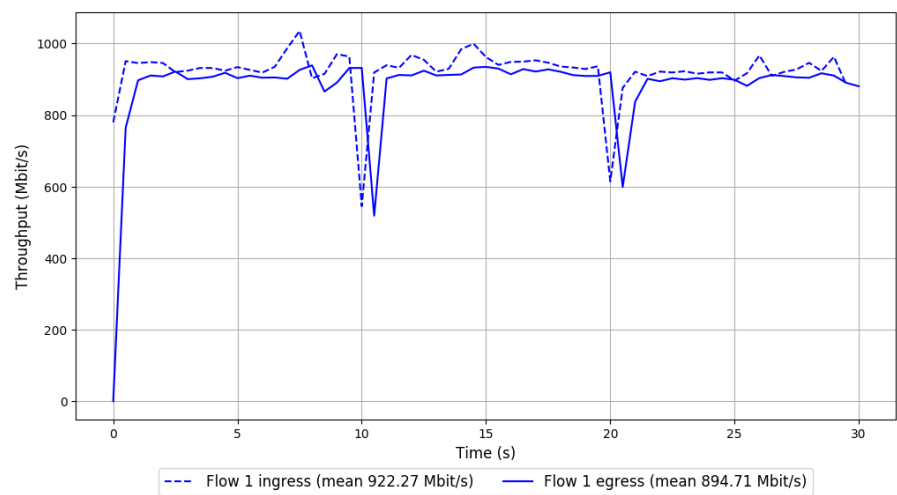


Run 1: Statistics of FillP-Sheep

Start at: 2019-02-19 19:48:00
End at: 2019-02-19 19:48:30
Local clock offset: -7.022 ms
Remote clock offset: -3.281 ms

Below is generated by plot.py at 2019-02-19 22:36:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 894.71 Mbit/s
95th percentile per-packet one-way delay: 5.680 ms
Loss rate: 2.99%
-- Flow 1:
Average throughput: 894.71 Mbit/s
95th percentile per-packet one-way delay: 5.680 ms
Loss rate: 2.99%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-02-19 20:16:36

End at: 2019-02-19 20:17:06

Local clock offset: -3.875 ms

Remote clock offset: 0.995 ms

Below is generated by plot.py at 2019-02-19 22:41:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 882.42 Mbit/s

95th percentile per-packet one-way delay: 7.535 ms

Loss rate: 2.93%

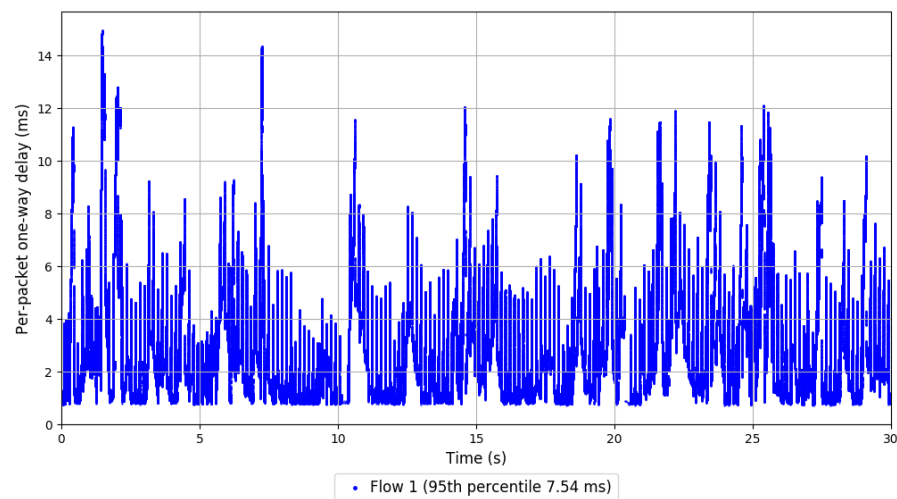
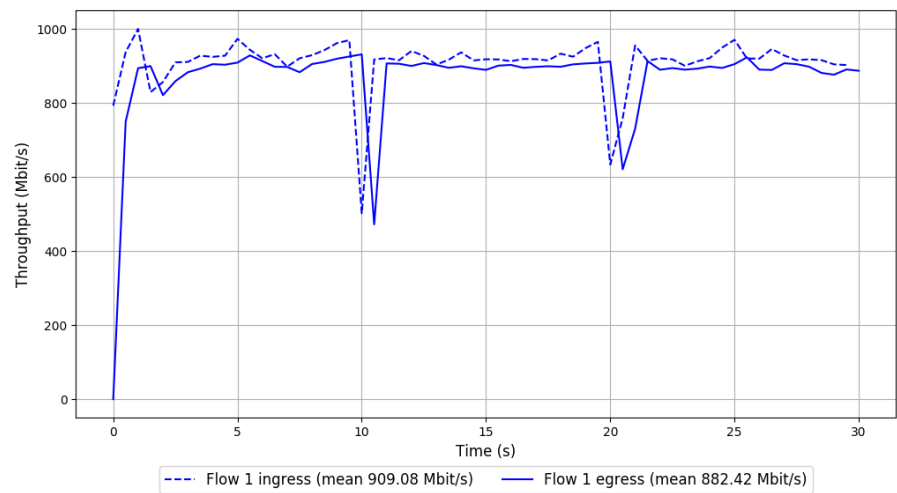
-- Flow 1:

Average throughput: 882.42 Mbit/s

95th percentile per-packet one-way delay: 7.535 ms

Loss rate: 2.93%

Run 2: Report of FillP-Sheep — Data Link

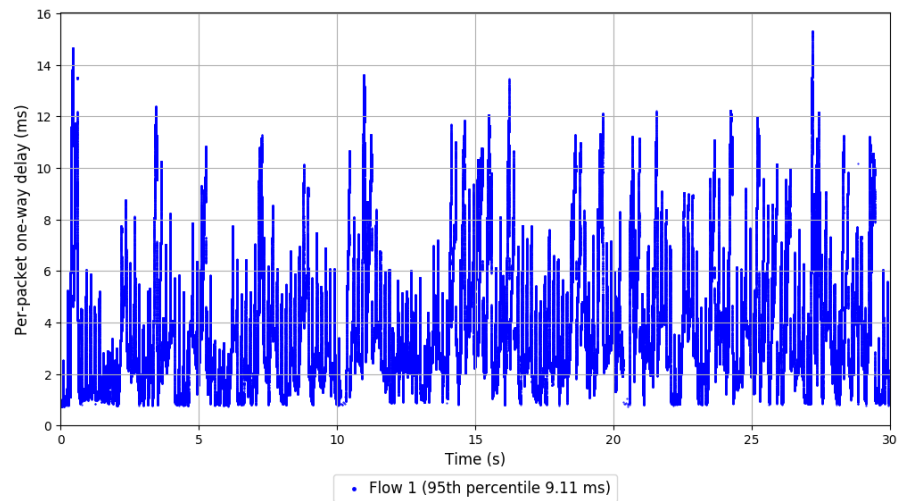
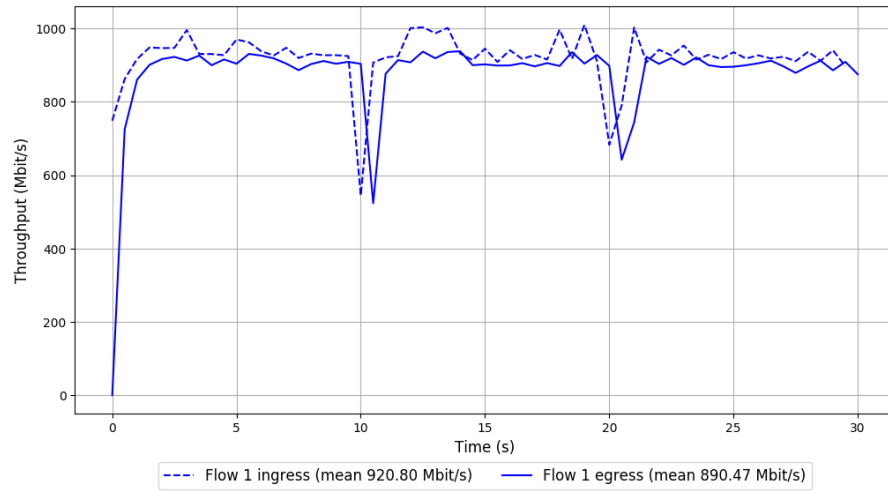


Run 3: Statistics of FillP-Sheep

Start at: 2019-02-19 20:45:07
End at: 2019-02-19 20:45:37
Local clock offset: -2.133 ms
Remote clock offset: -3.146 ms

Below is generated by plot.py at 2019-02-19 22:42:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 890.47 Mbit/s
95th percentile per-packet one-way delay: 9.110 ms
Loss rate: 3.29%
-- Flow 1:
Average throughput: 890.47 Mbit/s
95th percentile per-packet one-way delay: 9.110 ms
Loss rate: 3.29%

Run 3: Report of FillP-Sheep — Data Link

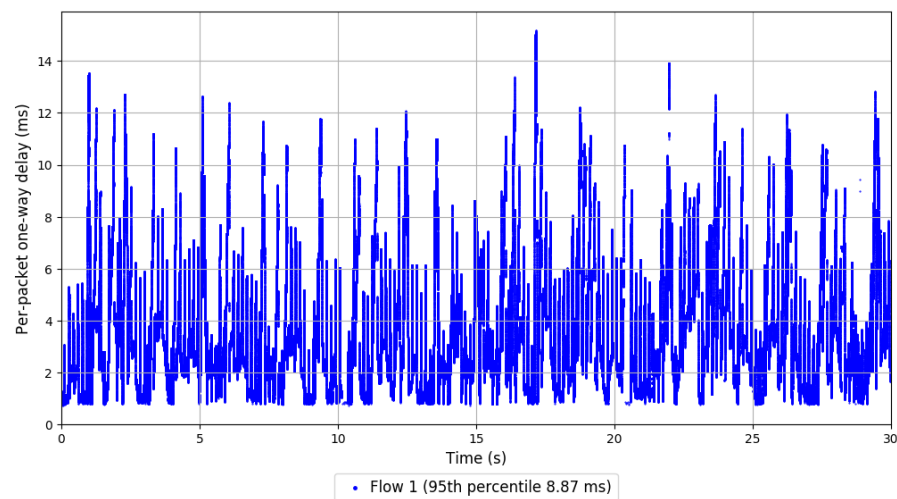
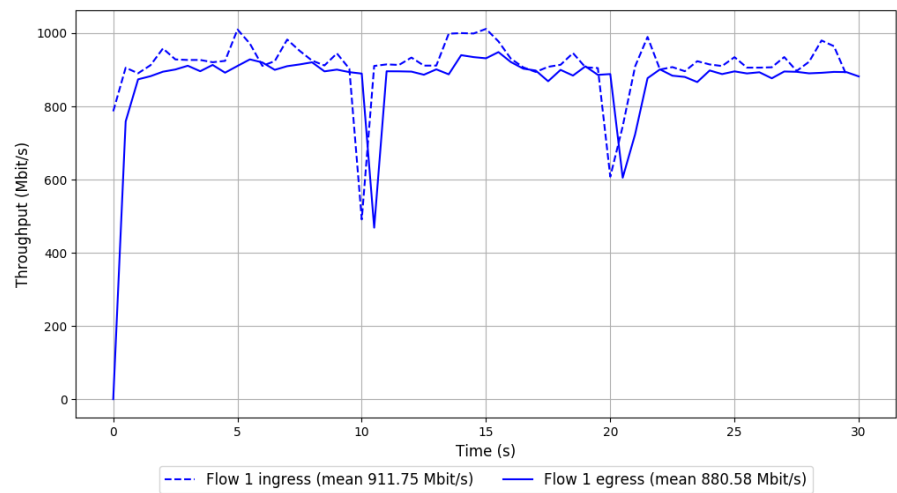


Run 4: Statistics of FillP-Sheep

Start at: 2019-02-19 21:13:47
End at: 2019-02-19 21:14:17
Local clock offset: -1.21 ms
Remote clock offset: -3.421 ms

Below is generated by plot.py at 2019-02-19 22:47:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 880.58 Mbit/s
95th percentile per-packet one-way delay: 8.870 ms
Loss rate: 3.42%
-- Flow 1:
Average throughput: 880.58 Mbit/s
95th percentile per-packet one-way delay: 8.870 ms
Loss rate: 3.42%

Run 4: Report of FillP-Sheep — Data Link

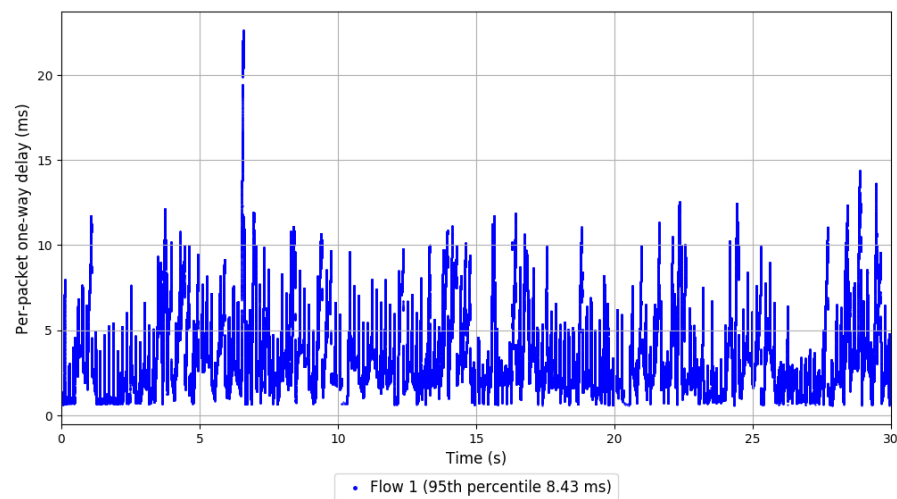
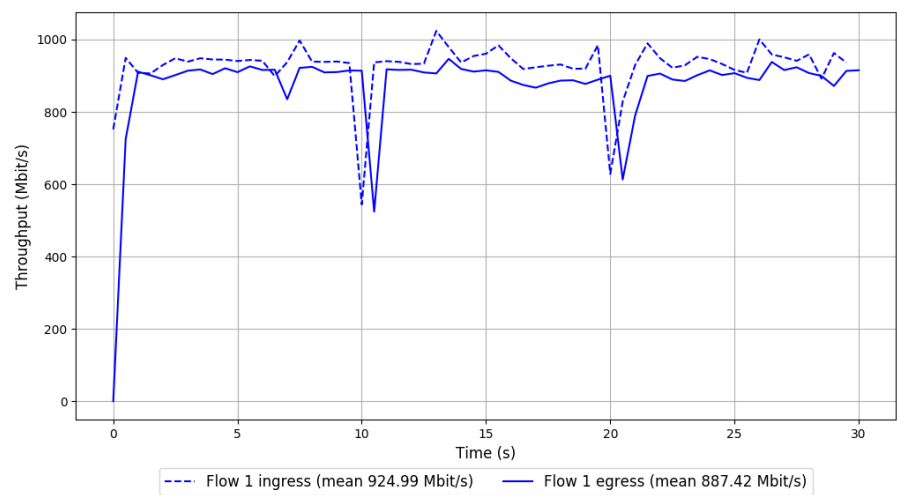


Run 5: Statistics of FillP-Sheep

Start at: 2019-02-19 21:42:22
End at: 2019-02-19 21:42:52
Local clock offset: -0.586 ms
Remote clock offset: -1.507 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 887.42 Mbit/s
95th percentile per-packet one-way delay: 8.428 ms
Loss rate: 4.06%
-- Flow 1:
Average throughput: 887.42 Mbit/s
95th percentile per-packet one-way delay: 8.428 ms
Loss rate: 4.06%

Run 5: Report of FillP-Sheep — Data Link

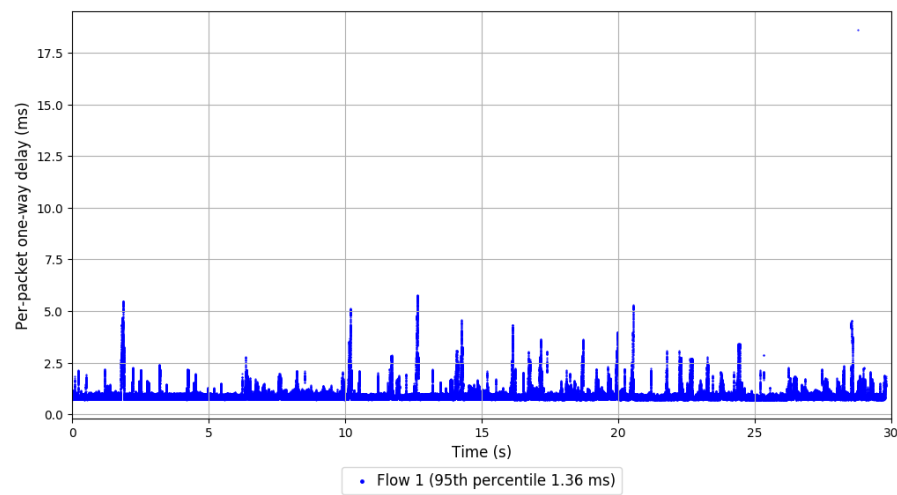
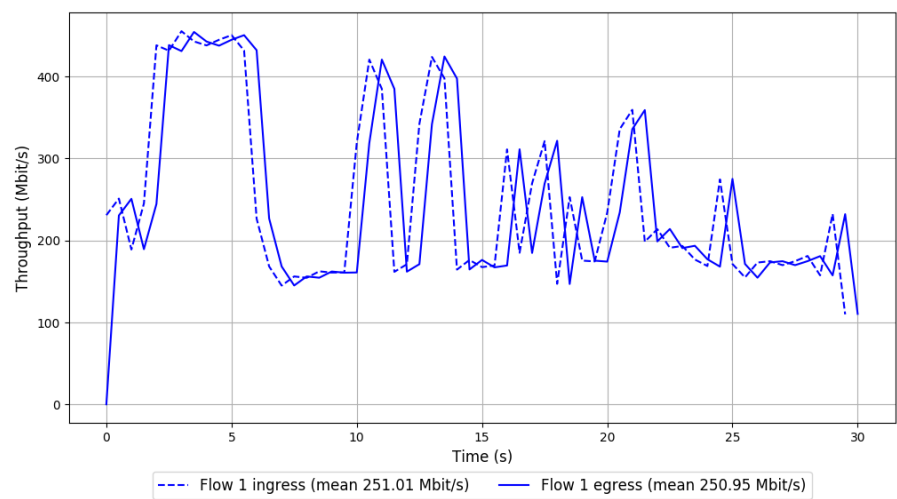


```
Run 1: Statistics of Indigo

Start at: 2019-02-19 20:13:42
End at: 2019-02-19 20:14:12
Local clock offset: -3.954 ms
Remote clock offset: 0.661 ms

# Below is generated by plot.py at 2019-02-19 22:48:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 250.95 Mbit/s
95th percentile per-packet one-way delay: 1.356 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 250.95 Mbit/s
95th percentile per-packet one-way delay: 1.356 ms
Loss rate: 0.02%
```

Run 1: Report of Indigo — Data Link

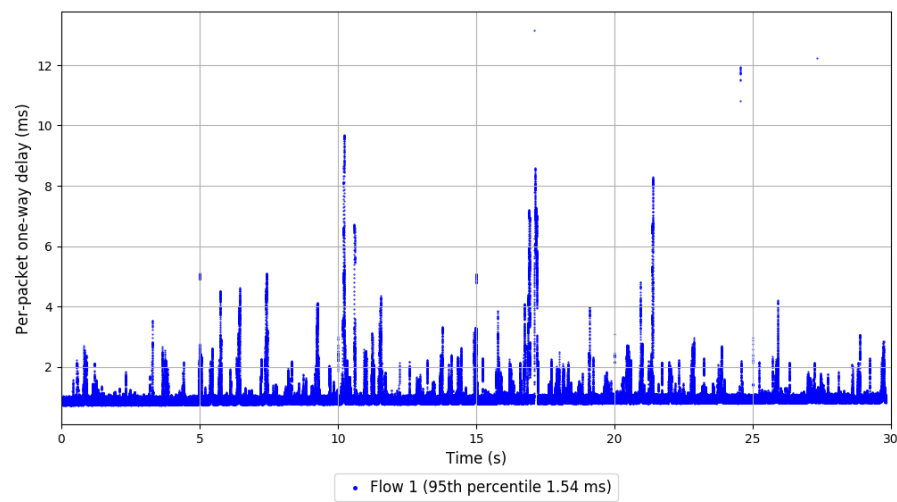
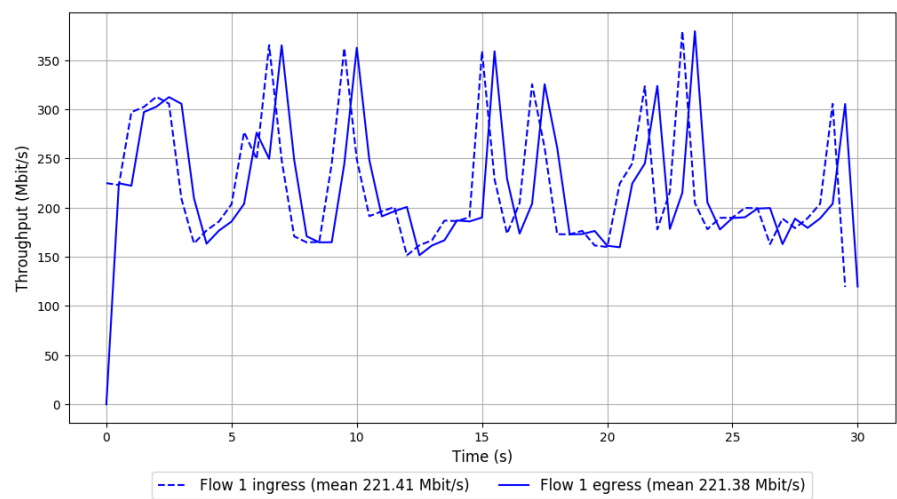


Run 2: Statistics of Indigo

Start at: 2019-02-19 20:42:13
End at: 2019-02-19 20:42:43
Local clock offset: -2.209 ms
Remote clock offset: -2.891 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 221.38 Mbit/s
95th percentile per-packet one-way delay: 1.542 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 221.38 Mbit/s
95th percentile per-packet one-way delay: 1.542 ms
Loss rate: 0.01%

Run 2: Report of Indigo — Data Link

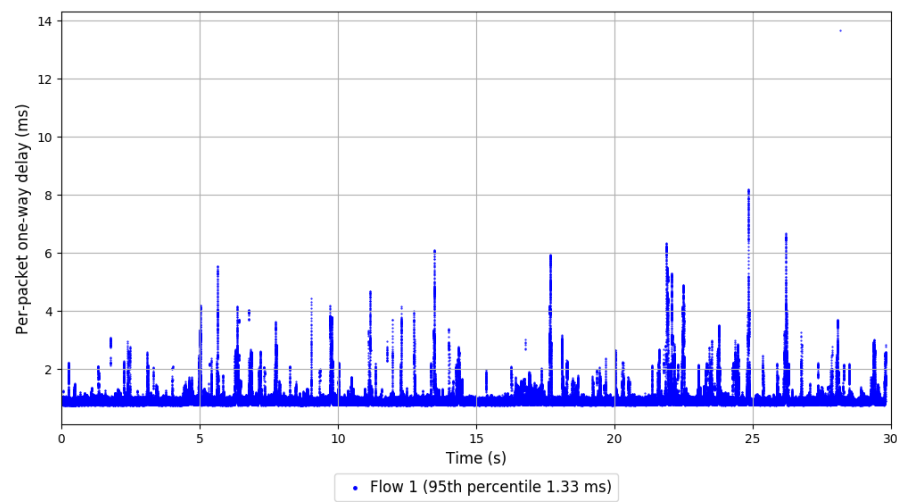
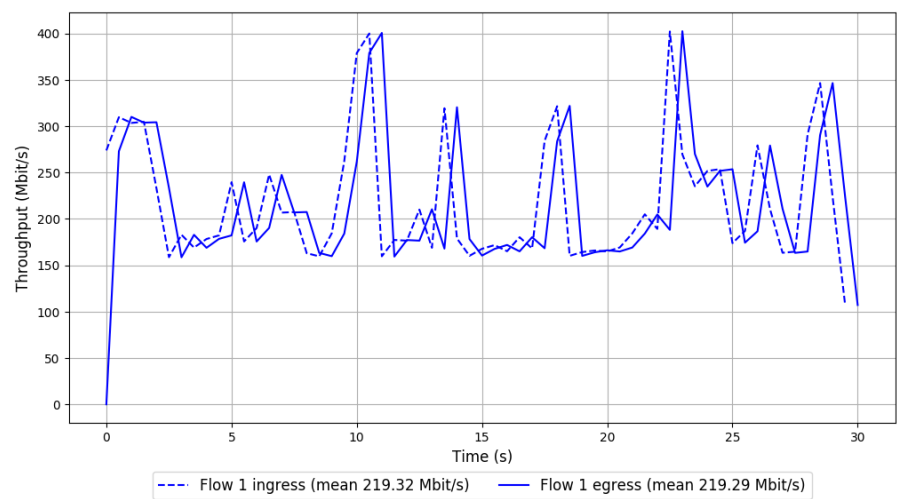


Run 3: Statistics of Indigo

Start at: 2019-02-19 21:10:52
End at: 2019-02-19 21:11:22
Local clock offset: -1.313 ms
Remote clock offset: -3.532 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 219.29 Mbit/s
95th percentile per-packet one-way delay: 1.333 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 219.29 Mbit/s
95th percentile per-packet one-way delay: 1.333 ms
Loss rate: 0.01%

Run 3: Report of Indigo — Data Link

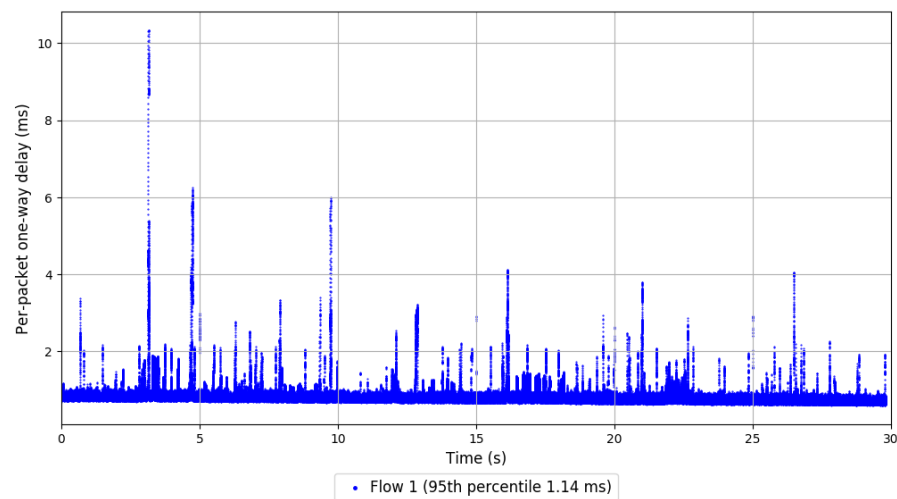
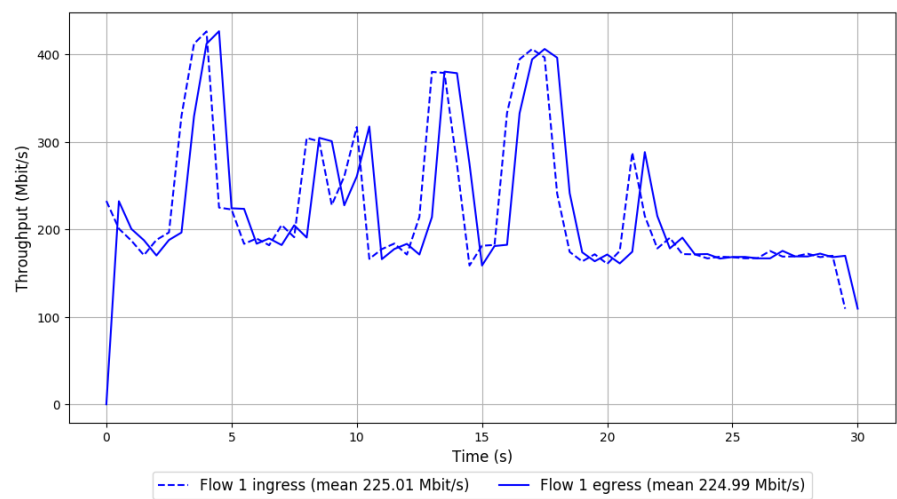


Run 4: Statistics of Indigo

Start at: 2019-02-19 21:39:27
End at: 2019-02-19 21:39:57
Local clock offset: -0.67 ms
Remote clock offset: -2.194 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 224.99 Mbit/s
95th percentile per-packet one-way delay: 1.135 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 224.99 Mbit/s
95th percentile per-packet one-way delay: 1.135 ms
Loss rate: 0.01%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-02-19 22:08:16

End at: 2019-02-19 22:08:46

Local clock offset: -0.455 ms

Remote clock offset: 0.911 ms

Below is generated by plot.py at 2019-02-19 22:48:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 216.94 Mbit/s

95th percentile per-packet one-way delay: 1.320 ms

Loss rate: 0.02%

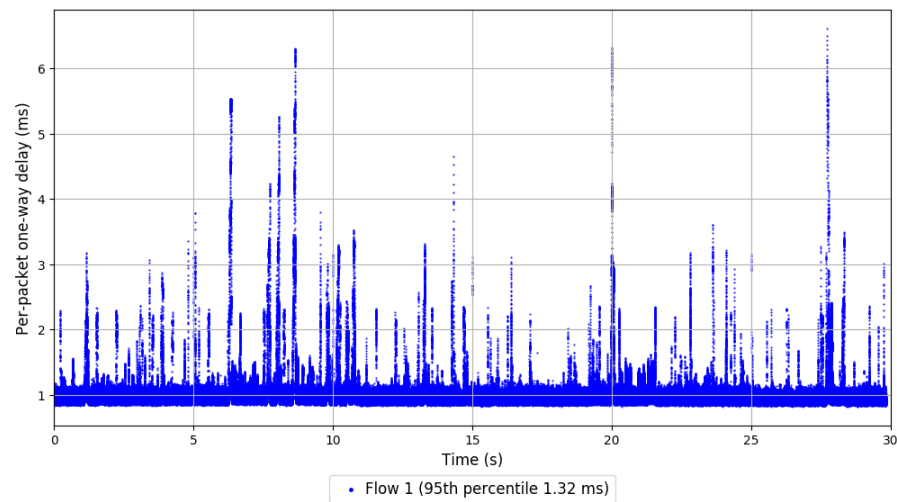
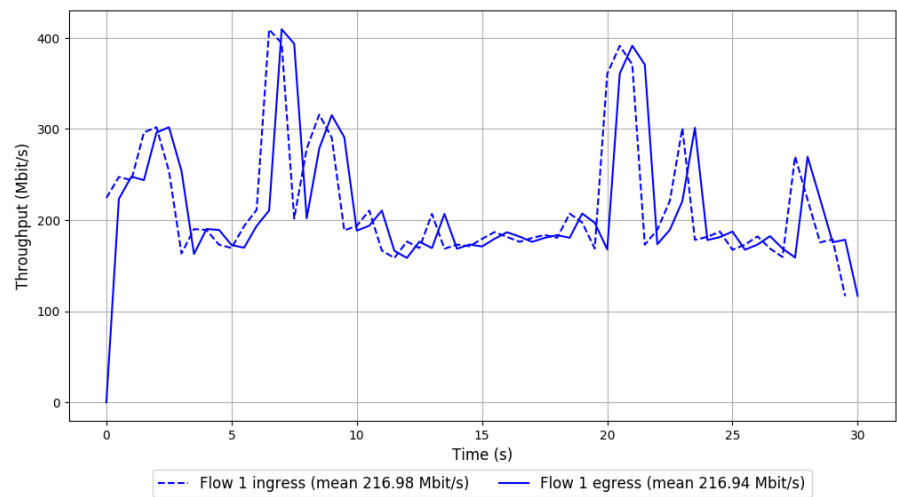
-- Flow 1:

Average throughput: 216.94 Mbit/s

95th percentile per-packet one-way delay: 1.320 ms

Loss rate: 0.02%

Run 5: Report of Indigo — Data Link

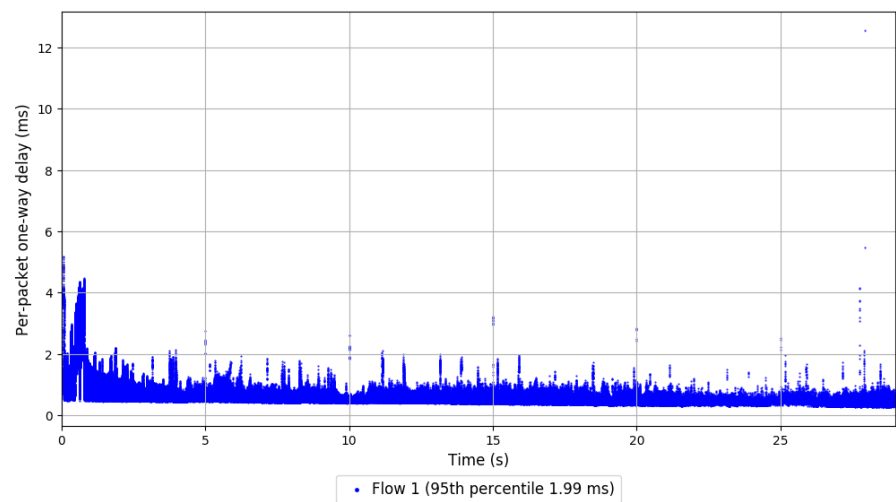
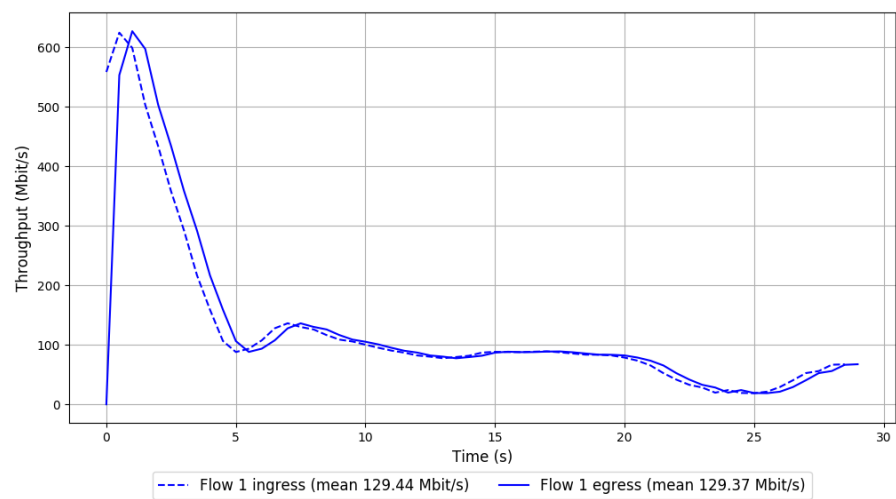


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-02-19 19:58:57
End at: 2019-02-19 19:59:27
Local clock offset: -8.919 ms
Remote clock offset: -1.531 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 129.37 Mbit/s
95th percentile per-packet one-way delay: 1.987 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 129.37 Mbit/s
95th percentile per-packet one-way delay: 1.987 ms
Loss rate: 0.05%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-02-19 20:27:39

End at: 2019-02-19 20:28:09

Local clock offset: -4.64 ms

Remote clock offset: 1.577 ms

Below is generated by plot.py at 2019-02-19 22:48:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 170.93 Mbit/s

95th percentile per-packet one-way delay: 1.759 ms

Loss rate: 0.06%

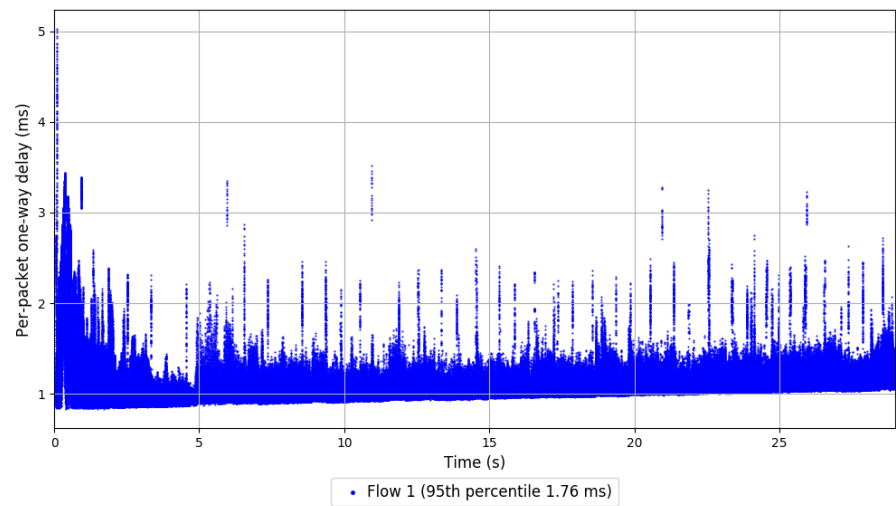
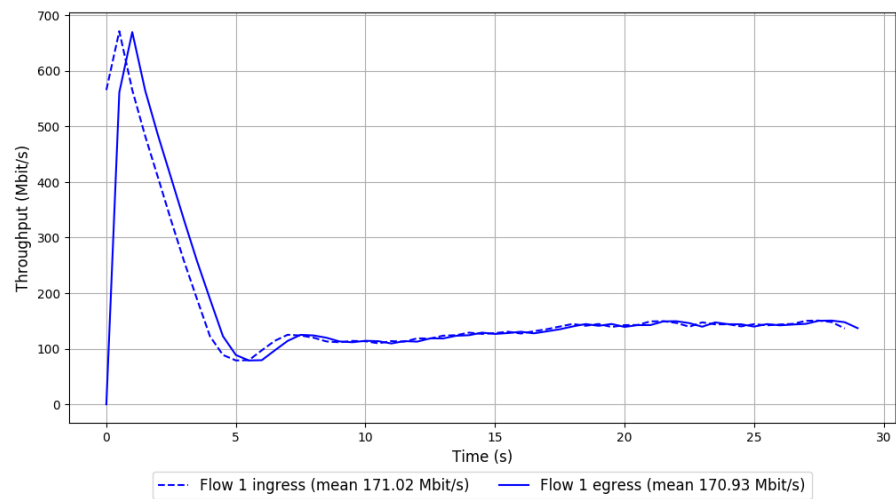
-- Flow 1:

Average throughput: 170.93 Mbit/s

95th percentile per-packet one-way delay: 1.759 ms

Loss rate: 0.06%

Run 2: Report of Indigo-MusesC3 — Data Link

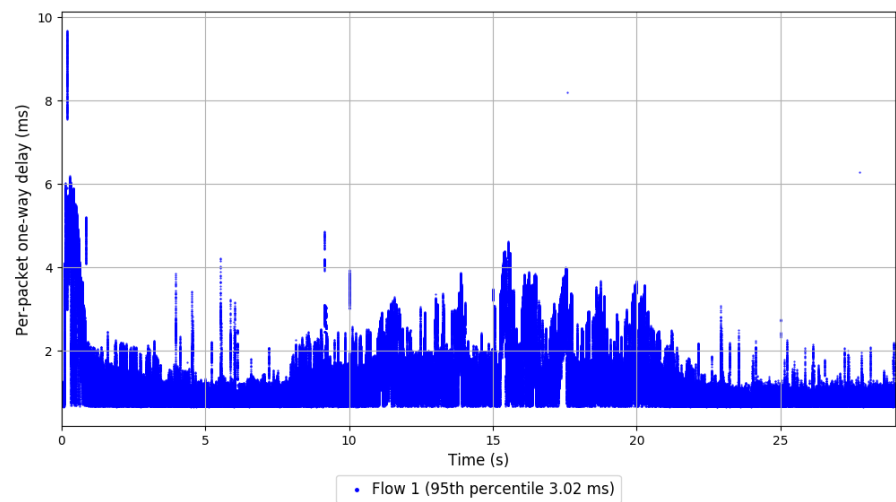
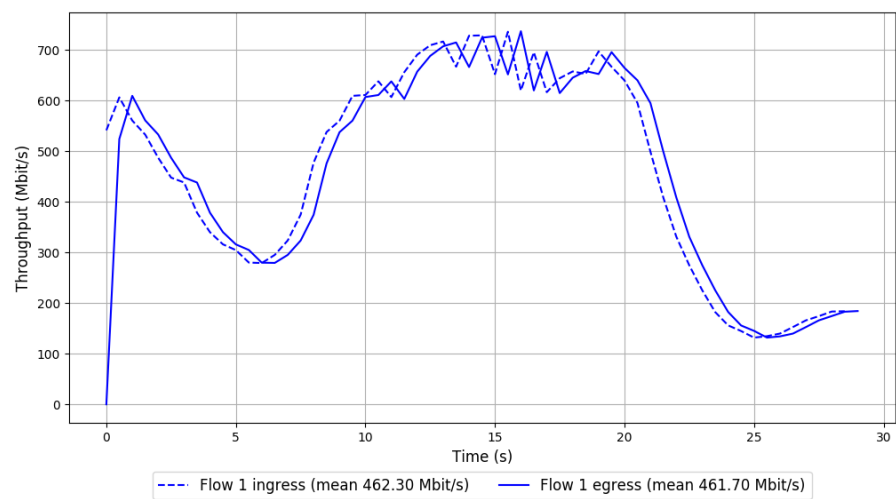


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-02-19 20:56:06
End at: 2019-02-19 20:56:36
Local clock offset: -2.517 ms
Remote clock offset: -3.968 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 461.70 Mbit/s
95th percentile per-packet one-way delay: 3.018 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 461.70 Mbit/s
95th percentile per-packet one-way delay: 3.018 ms
Loss rate: 0.13%

Run 3: Report of Indigo-MusesC3 — Data Link

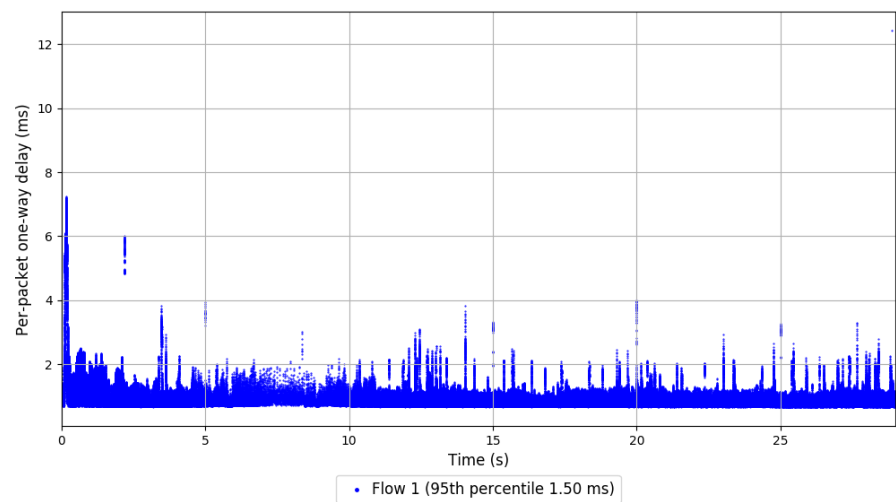
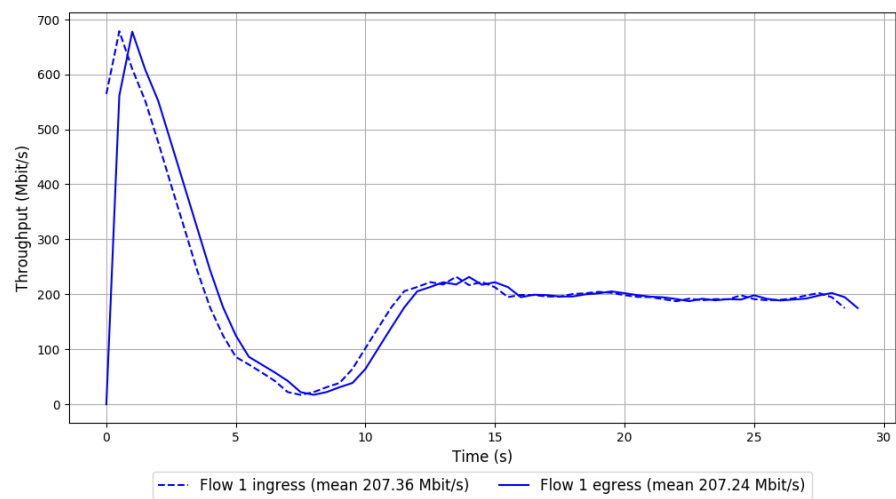


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-02-19 21:24:50
End at: 2019-02-19 21:25:20
Local clock offset: -1.324 ms
Remote clock offset: -3.452 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 207.24 Mbit/s
95th percentile per-packet one-way delay: 1.500 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 207.24 Mbit/s
95th percentile per-packet one-way delay: 1.500 ms
Loss rate: 0.06%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

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

End at: 2019-02-19 21:53:51

Local clock offset: -0.617 ms

Remote clock offset: 0.023 ms

Below is generated by plot.py at 2019-02-19 22:48:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 465.00 Mbit/s

95th percentile per-packet one-way delay: 2.436 ms

Loss rate: 0.13%

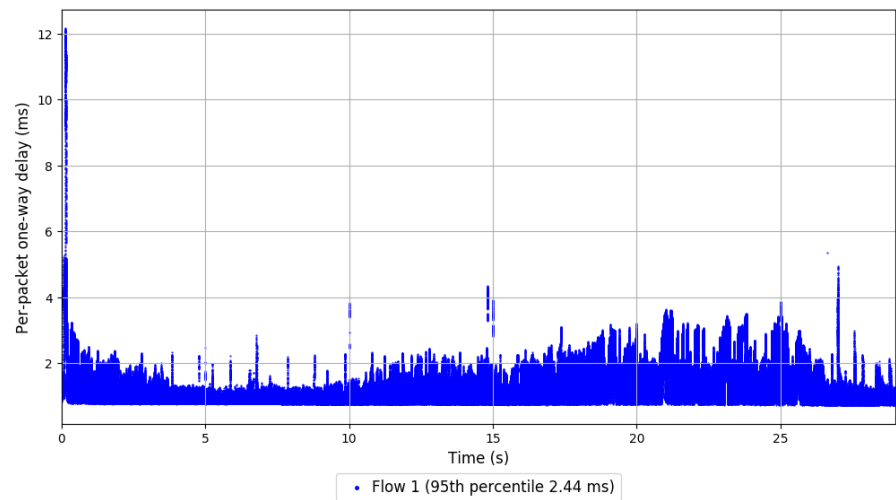
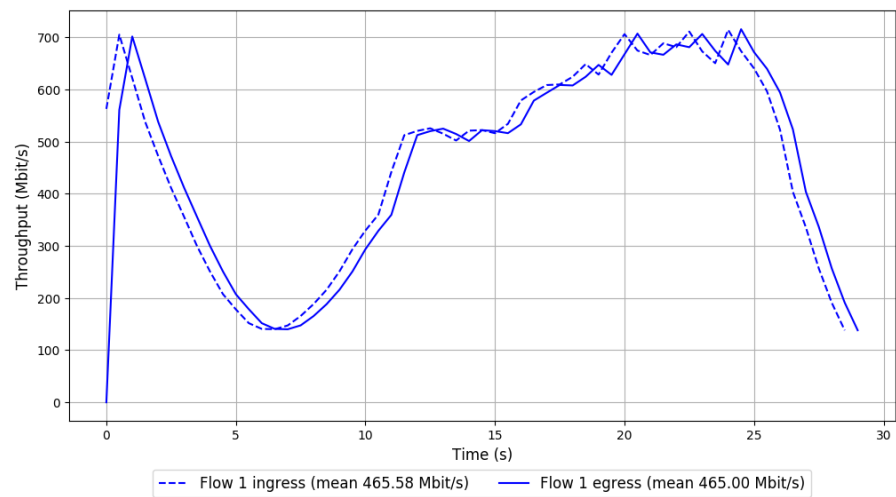
-- Flow 1:

Average throughput: 465.00 Mbit/s

95th percentile per-packet one-way delay: 2.436 ms

Loss rate: 0.13%

Run 5: Report of Indigo-MusesC3 — Data Link

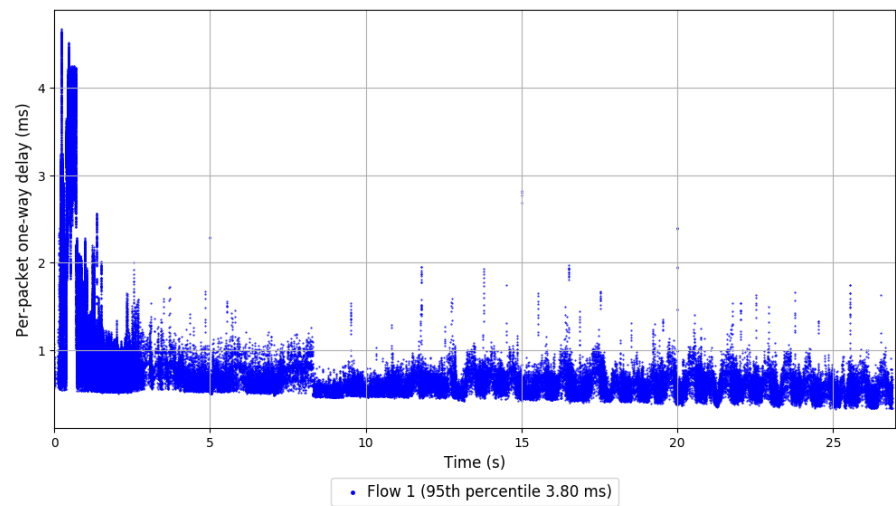
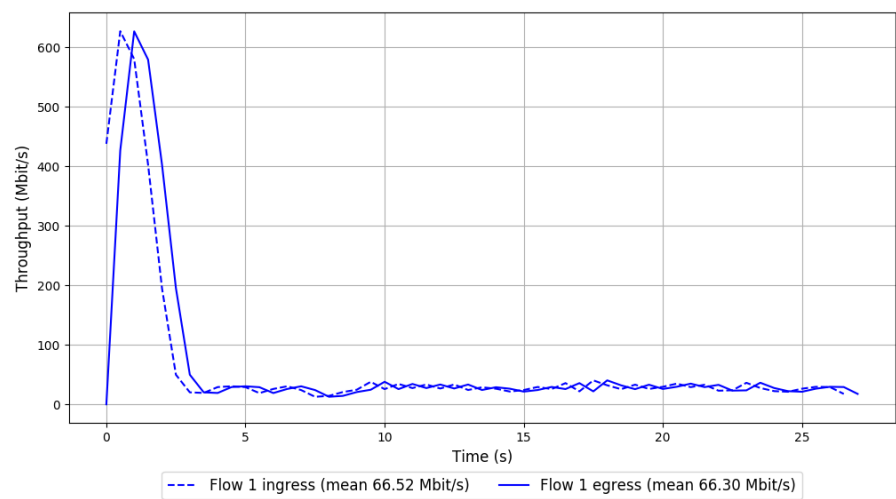


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-02-19 19:56:26
End at: 2019-02-19 19:56:56
Local clock offset: -8.36 ms
Remote clock offset: -2.188 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.30 Mbit/s
95th percentile per-packet one-way delay: 3.799 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 66.30 Mbit/s
95th percentile per-packet one-way delay: 3.799 ms
Loss rate: 0.33%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-02-19 20:25:02

End at: 2019-02-19 20:25:32

Local clock offset: -4.349 ms

Remote clock offset: 1.532 ms

Below is generated by plot.py at 2019-02-19 22:48:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 259.36 Mbit/s

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

Loss rate: 0.04%

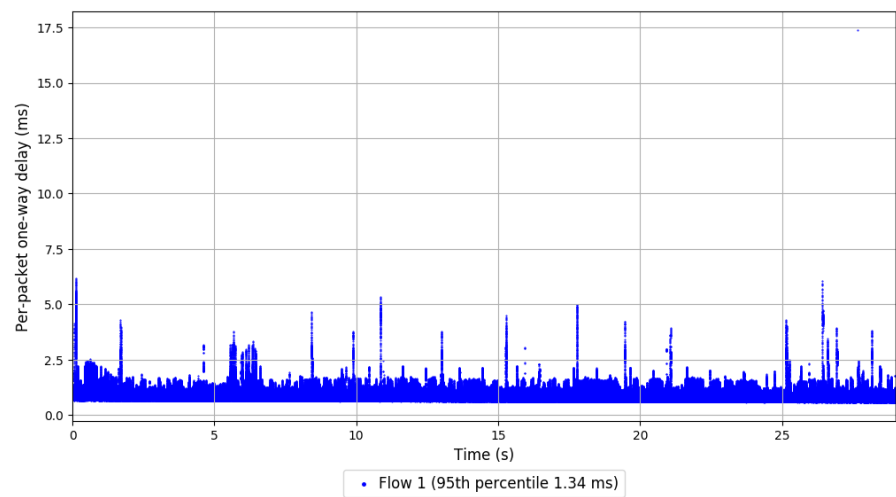
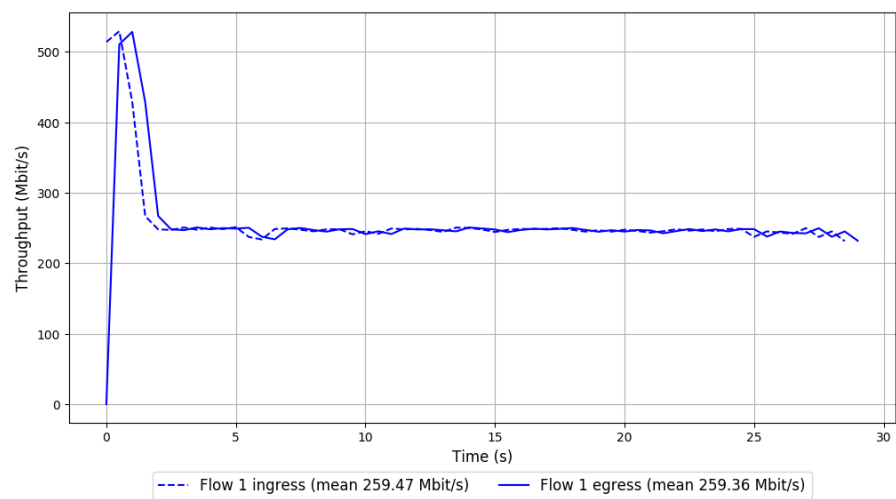
-- Flow 1:

Average throughput: 259.36 Mbit/s

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

Loss rate: 0.04%

Run 2: Report of Indigo-MusesC5 — Data Link

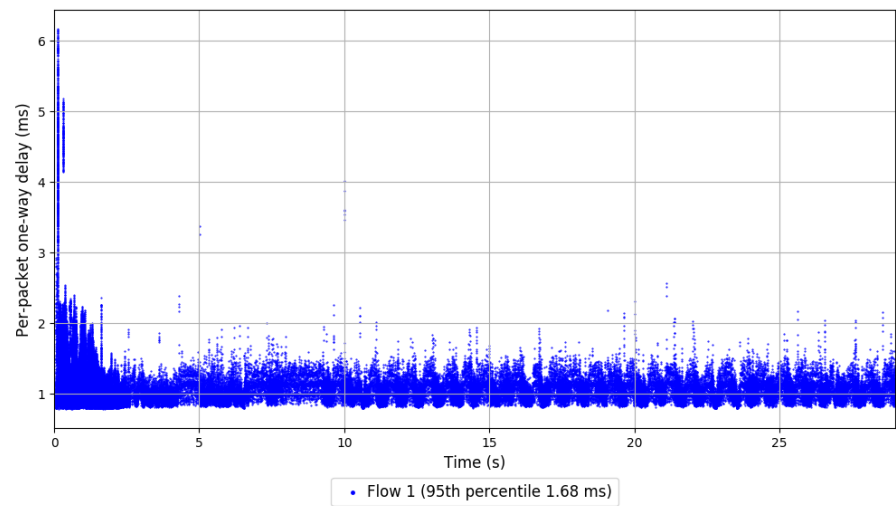
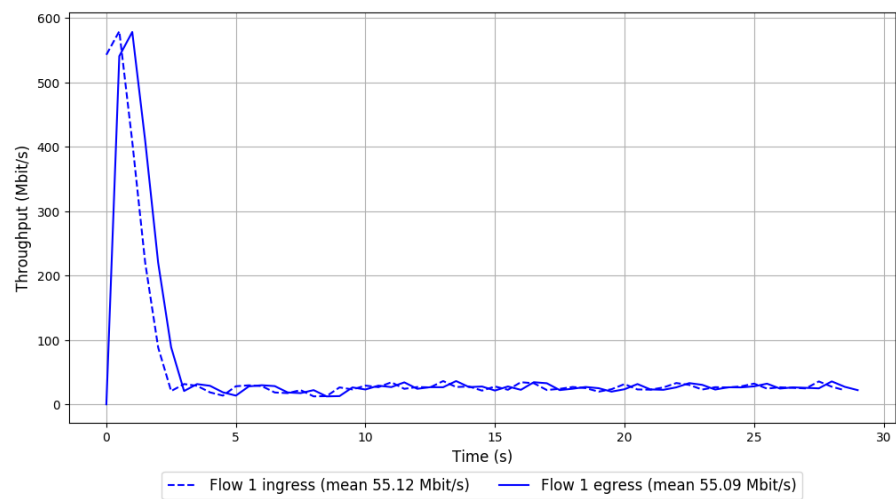


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-02-19 20:53:36
End at: 2019-02-19 20:54:06
Local clock offset: -2.335 ms
Remote clock offset: -3.681 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.09 Mbit/s
95th percentile per-packet one-way delay: 1.675 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 55.09 Mbit/s
95th percentile per-packet one-way delay: 1.675 ms
Loss rate: 0.05%

Run 3: Report of Indigo-MusesC5 — Data Link

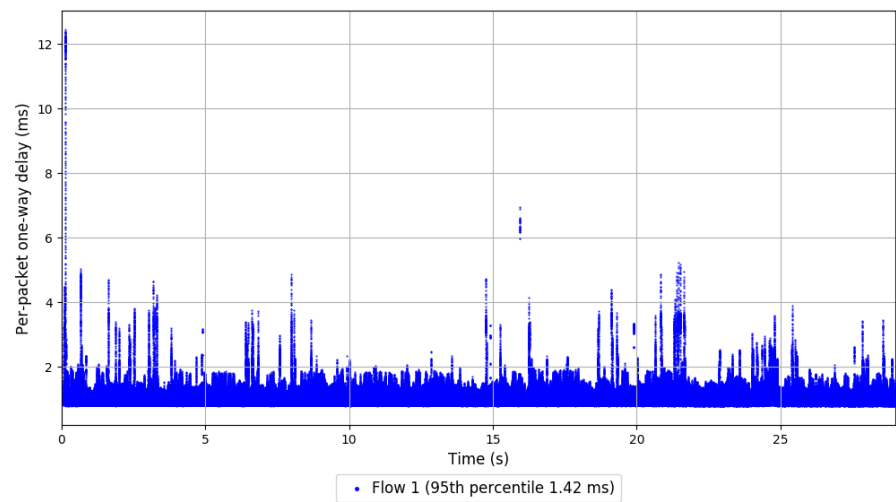
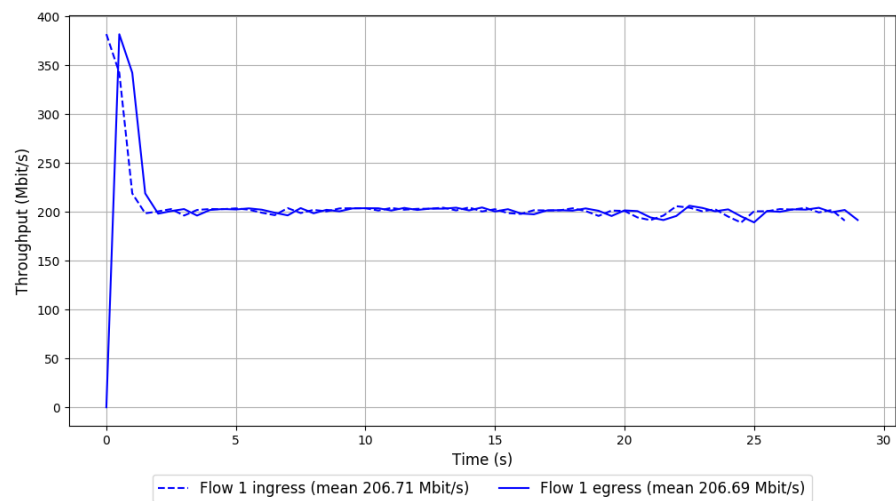


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-02-19 21:22:14
End at: 2019-02-19 21:22:44
Local clock offset: -1.262 ms
Remote clock offset: -3.364 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 206.69 Mbit/s
95th percentile per-packet one-way delay: 1.416 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 206.69 Mbit/s
95th percentile per-packet one-way delay: 1.416 ms
Loss rate: 0.01%

Run 4: Report of Indigo-MusesC5 — Data Link

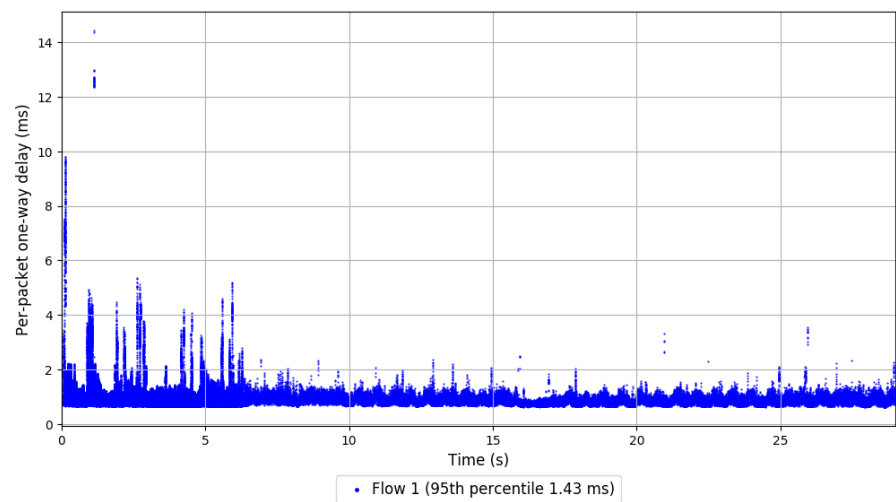
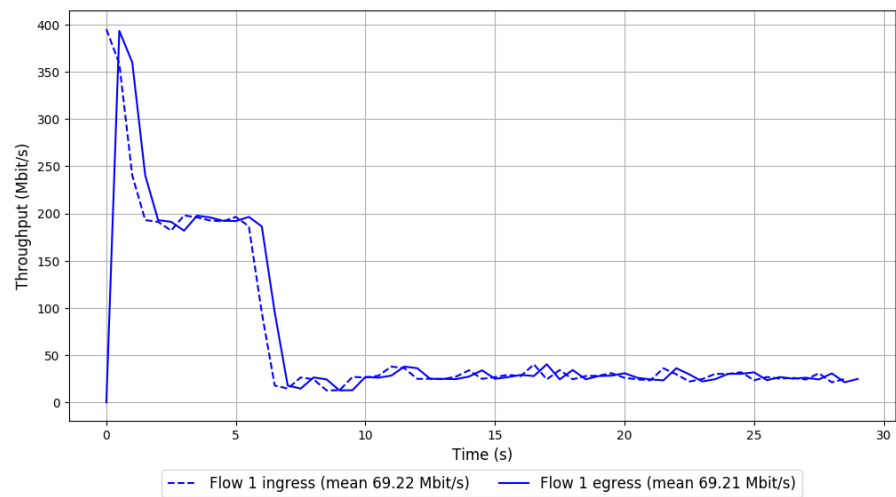


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-02-19 21:50:50
End at: 2019-02-19 21:51:20
Local clock offset: -0.561 ms
Remote clock offset: -0.293 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.21 Mbit/s
95th percentile per-packet one-way delay: 1.432 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 69.21 Mbit/s
95th percentile per-packet one-way delay: 1.432 ms
Loss rate: 0.02%

Run 5: Report of Indigo-MusesC5 — Data Link

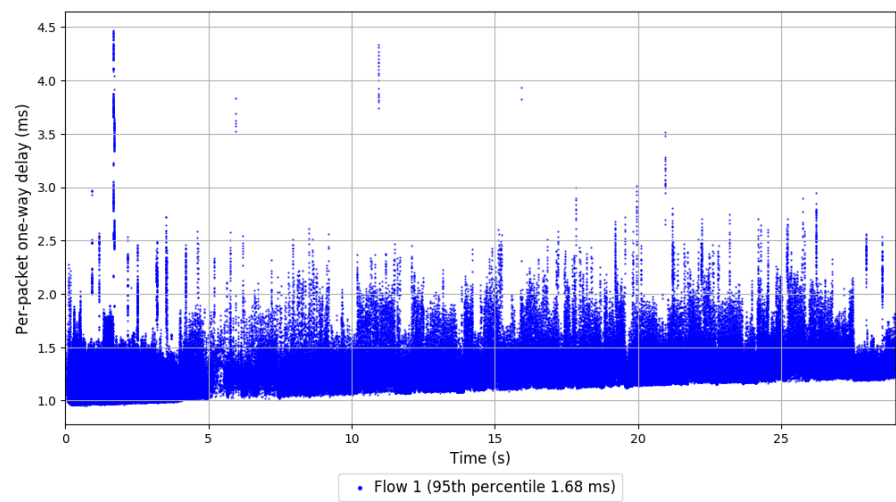
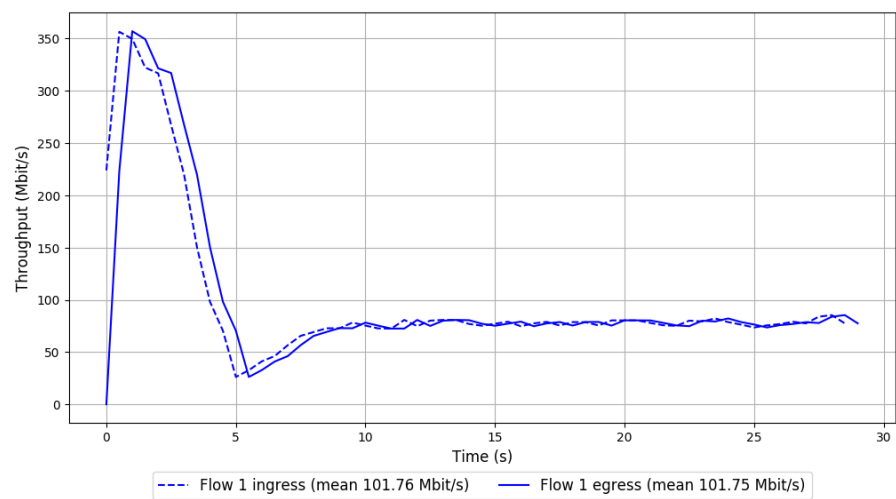


Run 1: Statistics of Indigo-MusesD

Start at: 2019-02-19 20:01:39
End at: 2019-02-19 20:02:09
Local clock offset: -7.991 ms
Remote clock offset: -0.963 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 101.75 Mbit/s
95th percentile per-packet one-way delay: 1.676 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 101.75 Mbit/s
95th percentile per-packet one-way delay: 1.676 ms
Loss rate: 0.01%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-02-19 20:30:21

End at: 2019-02-19 20:30:51

Local clock offset: -5.014 ms

Remote clock offset: 0.191 ms

Below is generated by plot.py at 2019-02-19 22:48:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.61 Mbit/s

95th percentile per-packet one-way delay: 2.155 ms

Loss rate: 0.01%

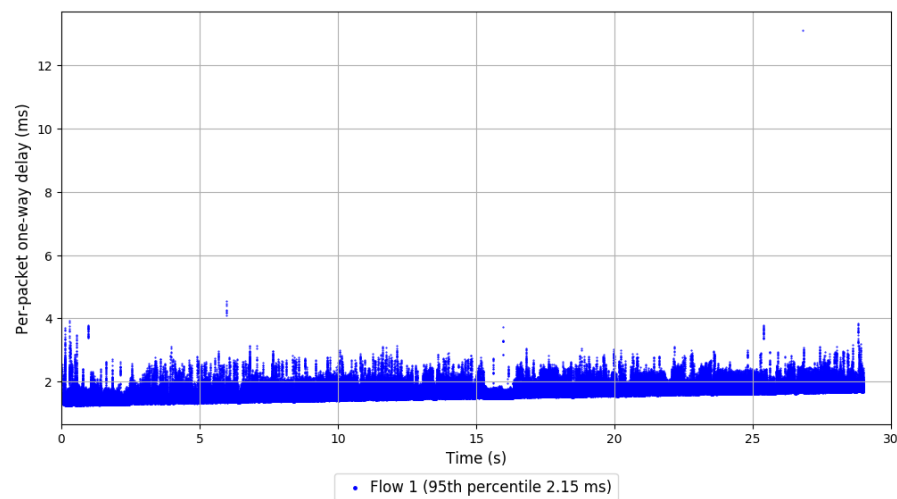
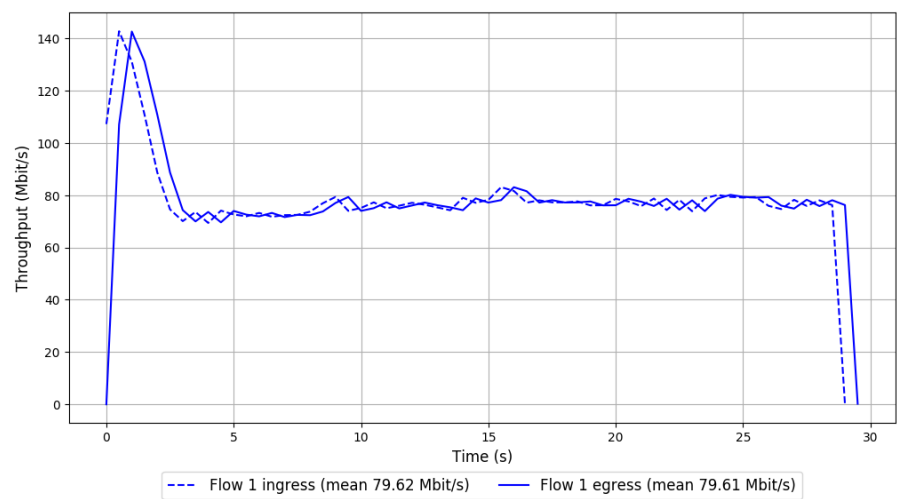
-- Flow 1:

Average throughput: 79.61 Mbit/s

95th percentile per-packet one-way delay: 2.155 ms

Loss rate: 0.01%

Run 2: Report of Indigo-MusesD — Data Link

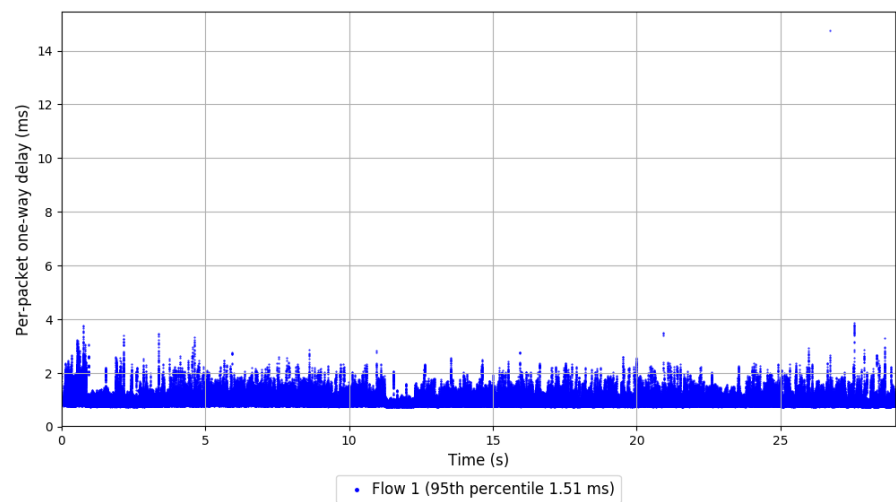
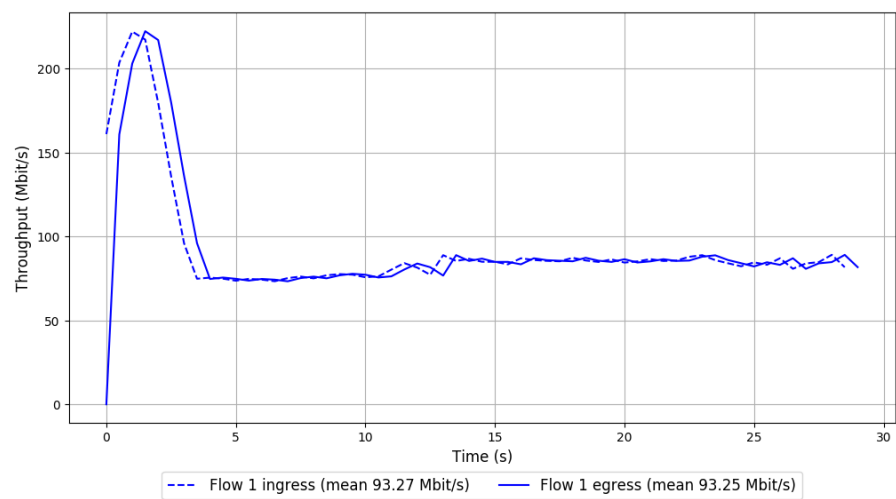


Run 3: Statistics of Indigo-MusesD

Start at: 2019-02-19 20:58:55
End at: 2019-02-19 20:59:25
Local clock offset: -2.67 ms
Remote clock offset: -3.965 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.25 Mbit/s
95th percentile per-packet one-way delay: 1.507 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.25 Mbit/s
95th percentile per-packet one-way delay: 1.507 ms
Loss rate: 0.02%

Run 3: Report of Indigo-MusesD — Data Link

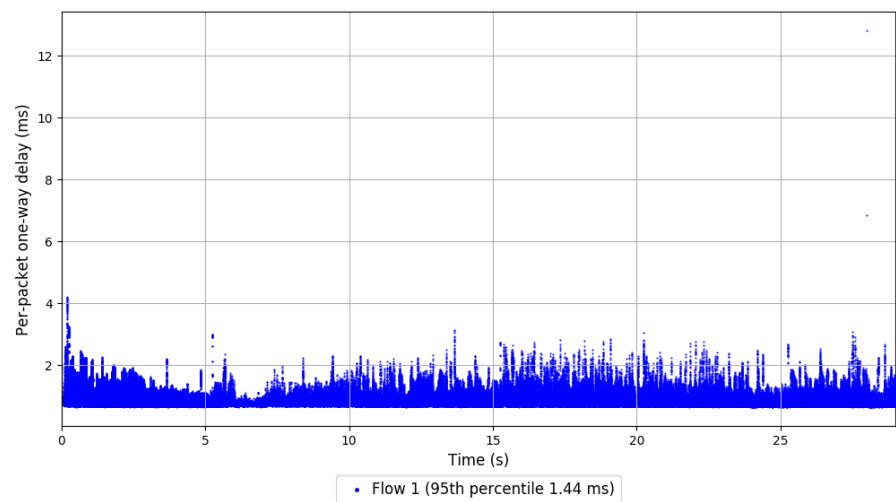
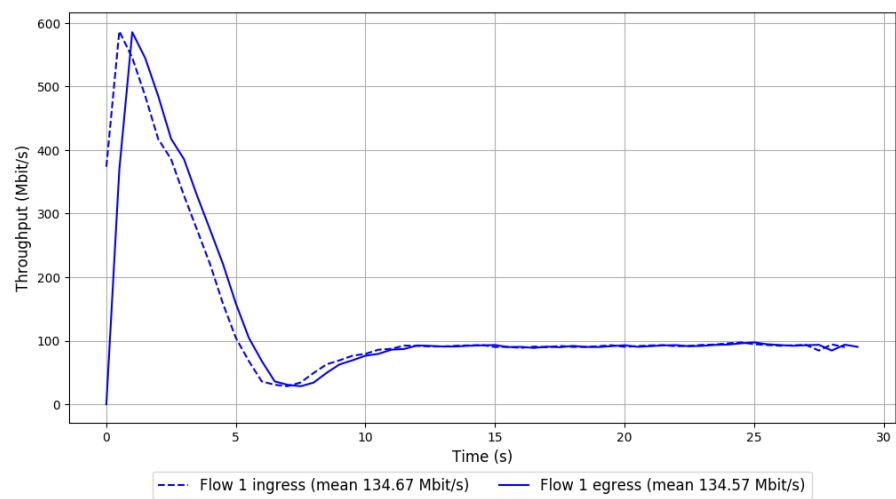


Run 4: Statistics of Indigo-MusesD

Start at: 2019-02-19 21:27:30
End at: 2019-02-19 21:28:00
Local clock offset: -1.409 ms
Remote clock offset: -3.473 ms

Below is generated by plot.py at 2019-02-19 22:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 134.57 Mbit/s
95th percentile per-packet one-way delay: 1.440 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 134.57 Mbit/s
95th percentile per-packet one-way delay: 1.440 ms
Loss rate: 0.08%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-02-19 21:56:11

End at: 2019-02-19 21:56:41

Local clock offset: -0.66 ms

Remote clock offset: 0.15 ms

Below is generated by plot.py at 2019-02-19 22:48:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 112.37 Mbit/s

95th percentile per-packet one-way delay: 1.255 ms

Loss rate: 0.02%

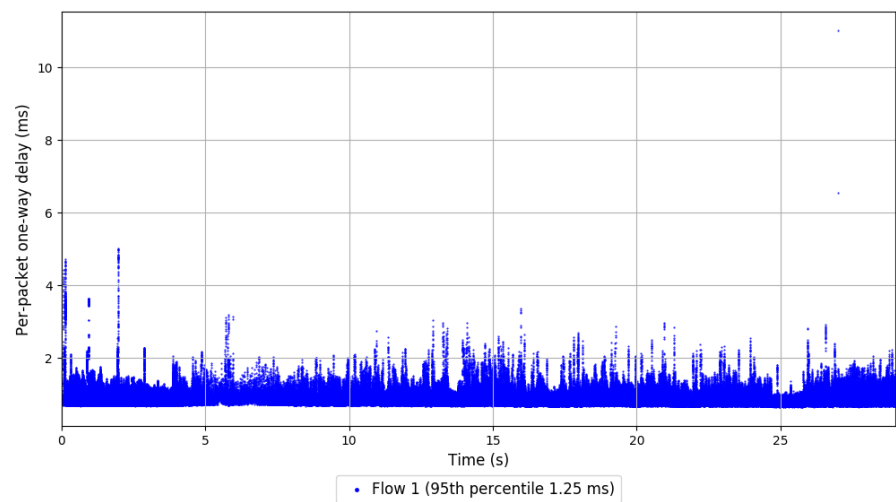
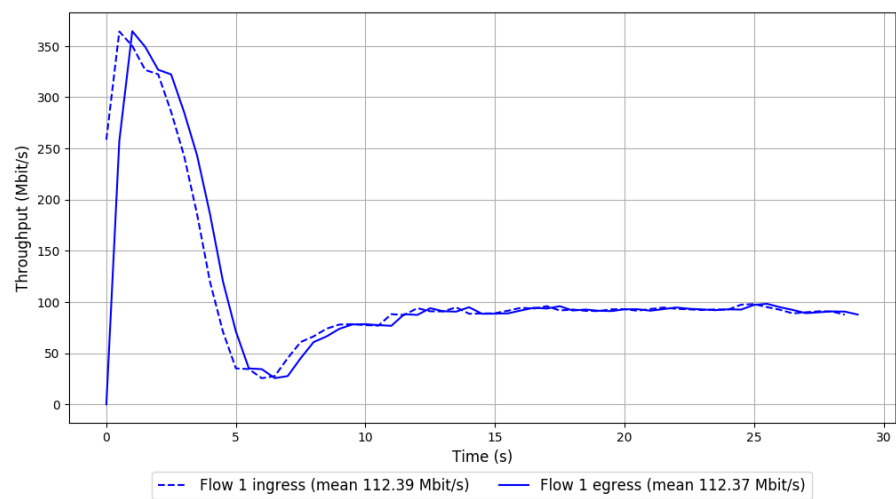
-- Flow 1:

Average throughput: 112.37 Mbit/s

95th percentile per-packet one-way delay: 1.255 ms

Loss rate: 0.02%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-02-19 20:04:08

End at: 2019-02-19 20:04:38

Local clock offset: -6.49 ms

Remote clock offset: -0.464 ms

Below is generated by plot.py at 2019-02-19 22:48:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 346.41 Mbit/s

95th percentile per-packet one-way delay: 1.761 ms

Loss rate: 0.07%

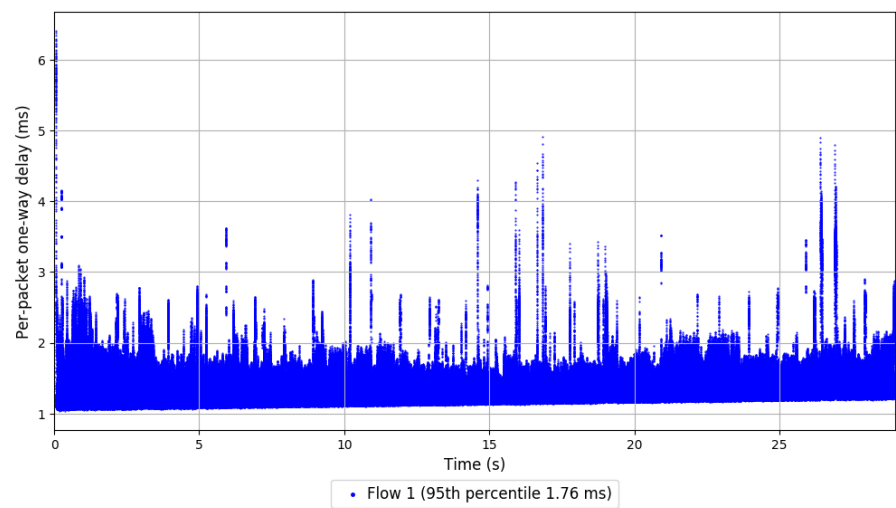
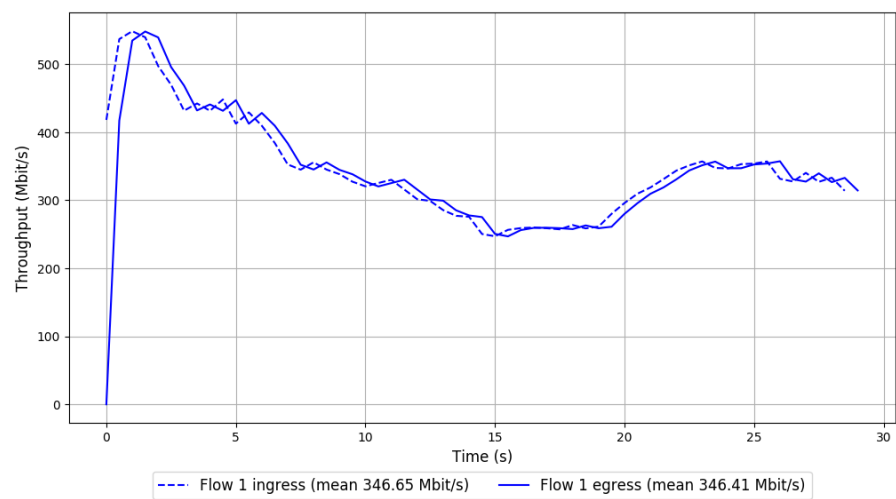
-- Flow 1:

Average throughput: 346.41 Mbit/s

95th percentile per-packet one-way delay: 1.761 ms

Loss rate: 0.07%

Run 1: Report of Indigo-MusesT — Data Link

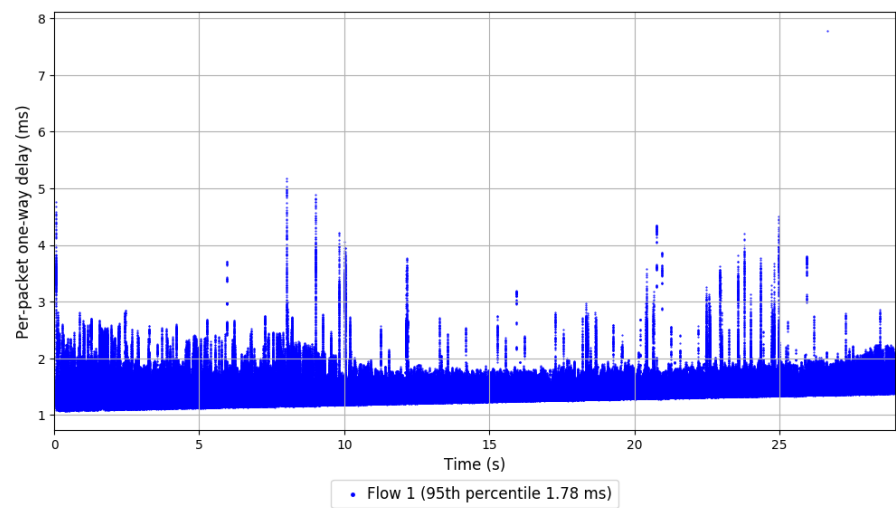
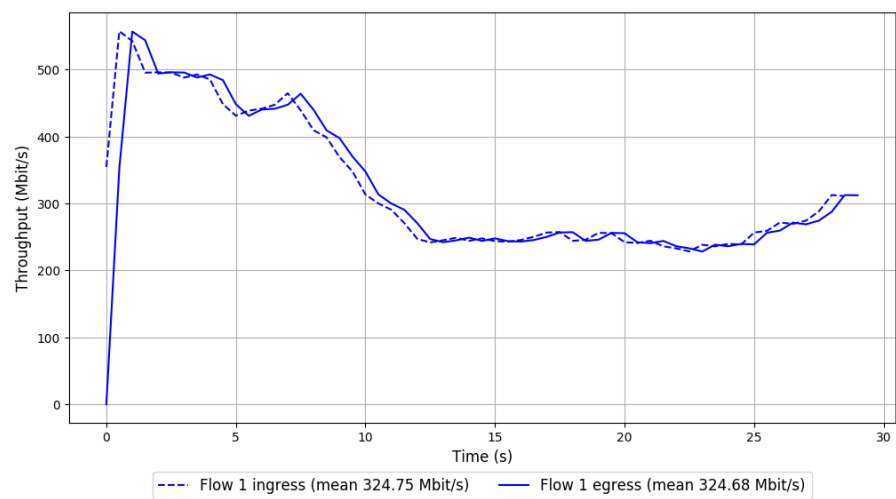


Run 2: Statistics of Indigo-MusesT

Start at: 2019-02-19 20:32:50
End at: 2019-02-19 20:33:20
Local clock offset: -3.909 ms
Remote clock offset: -0.788 ms

Below is generated by plot.py at 2019-02-19 22:48:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 324.68 Mbit/s
95th percentile per-packet one-way delay: 1.780 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 324.68 Mbit/s
95th percentile per-packet one-way delay: 1.780 ms
Loss rate: 0.02%

Run 2: Report of Indigo-MusesT — Data Link

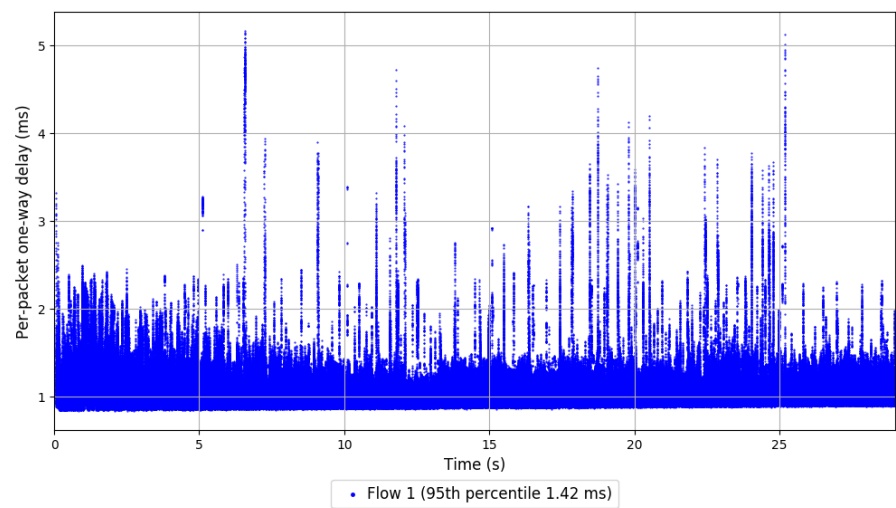
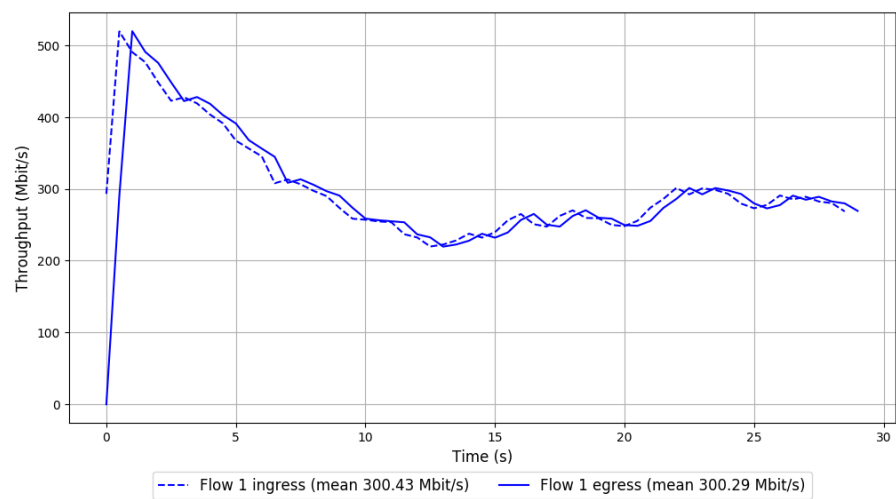


Run 3: Statistics of Indigo-MusesT

Start at: 2019-02-19 21:01:24
End at: 2019-02-19 21:01:54
Local clock offset: -2.483 ms
Remote clock offset: -4.142 ms

Below is generated by plot.py at 2019-02-19 22:48:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 300.29 Mbit/s
95th percentile per-packet one-way delay: 1.423 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 300.29 Mbit/s
95th percentile per-packet one-way delay: 1.423 ms
Loss rate: 0.05%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-02-19 21:30:01

End at: 2019-02-19 21:30:31

Local clock offset: -1.499 ms

Remote clock offset: -3.39 ms

Below is generated by plot.py at 2019-02-19 22:49:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 298.08 Mbit/s

95th percentile per-packet one-way delay: 1.429 ms

Loss rate: 0.04%

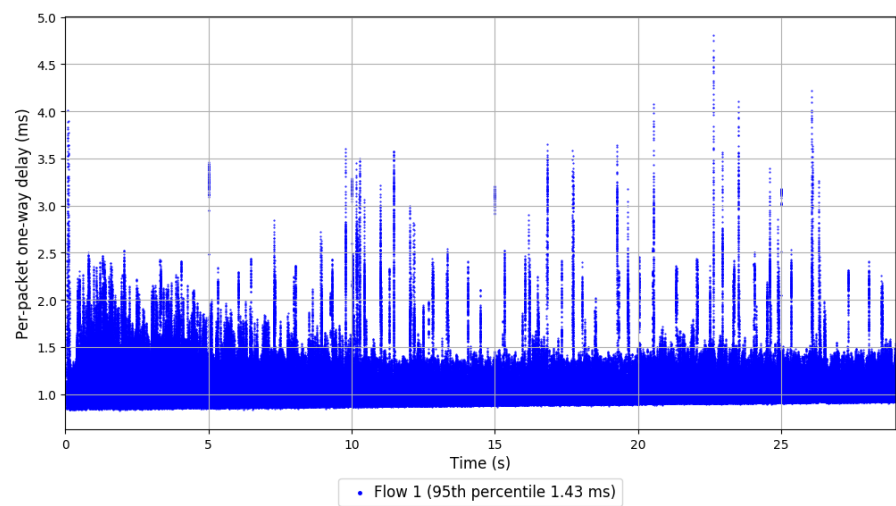
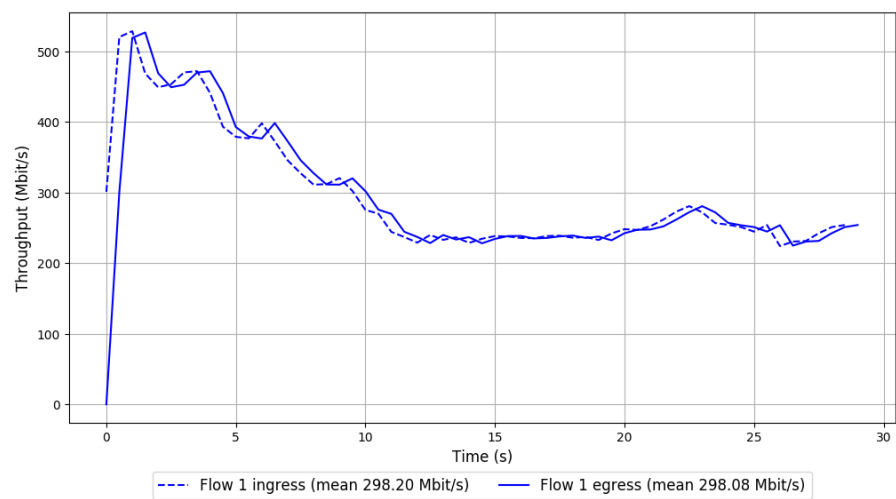
-- Flow 1:

Average throughput: 298.08 Mbit/s

95th percentile per-packet one-way delay: 1.429 ms

Loss rate: 0.04%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-02-19 21:58:41

End at: 2019-02-19 21:59:11

Local clock offset: -0.713 ms

Remote clock offset: 0.429 ms

Below is generated by plot.py at 2019-02-19 22:49:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 288.63 Mbit/s

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

Loss rate: 0.10%

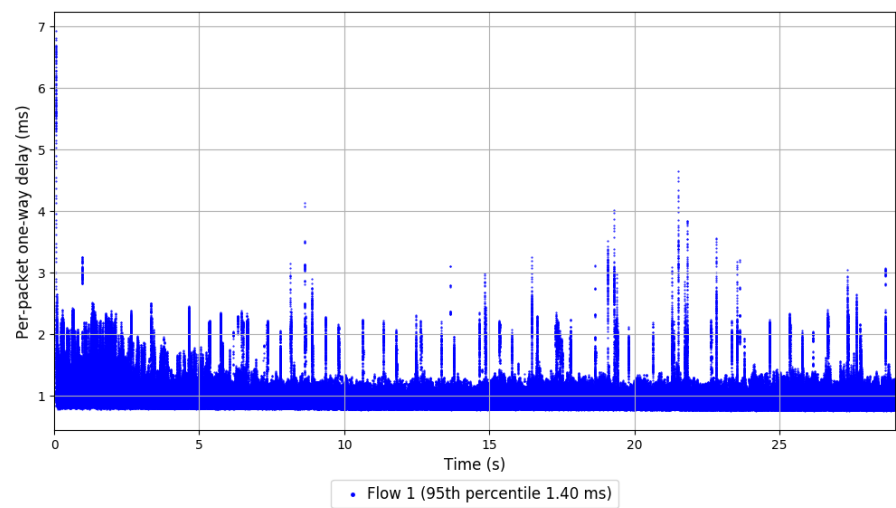
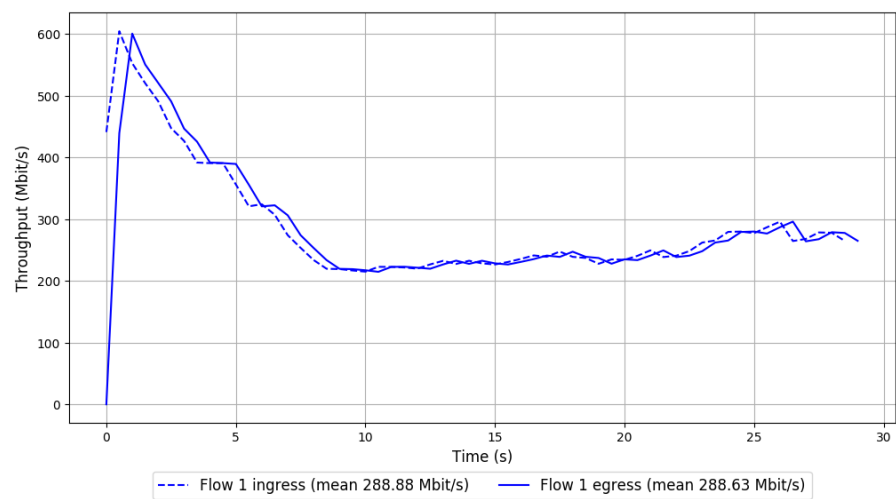
-- Flow 1:

Average throughput: 288.63 Mbit/s

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

Loss rate: 0.10%

Run 5: Report of Indigo-MusesT — Data Link



Run 1: Statistics of LEDBAT

Start at: 2019-02-19 20:15:06

End at: 2019-02-19 20:15:36

Local clock offset: -3.903 ms

Remote clock offset: 0.865 ms

Below is generated by plot.py at 2019-02-19 22:50:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 392.37 Mbit/s

95th percentile per-packet one-way delay: 9.070 ms

Loss rate: 0.16%

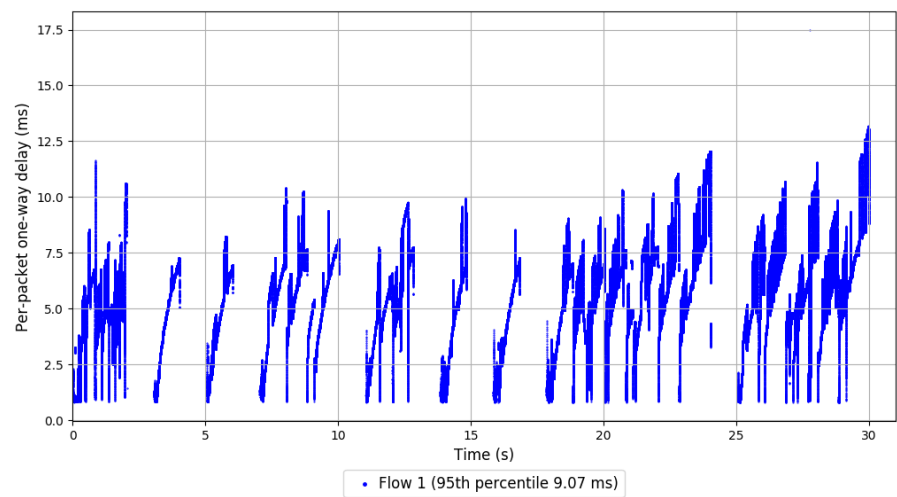
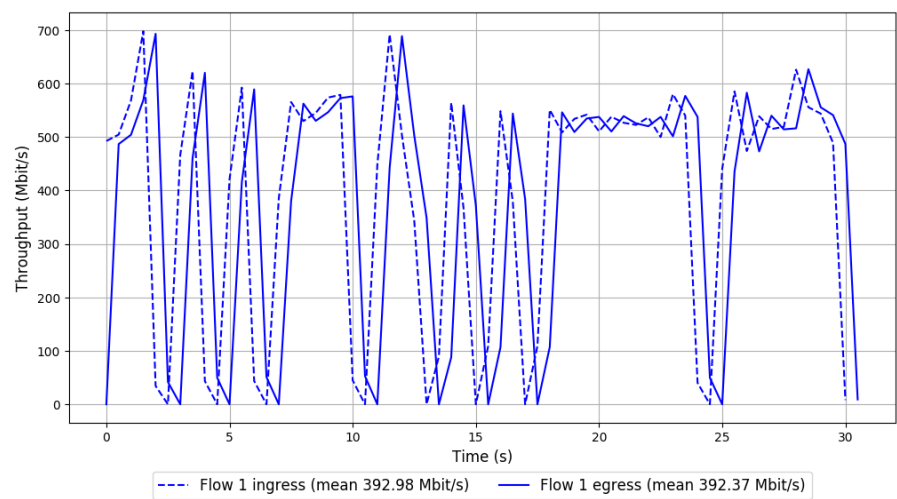
-- Flow 1:

Average throughput: 392.37 Mbit/s

95th percentile per-packet one-way delay: 9.070 ms

Loss rate: 0.16%

Run 1: Report of LEDBAT — Data Link

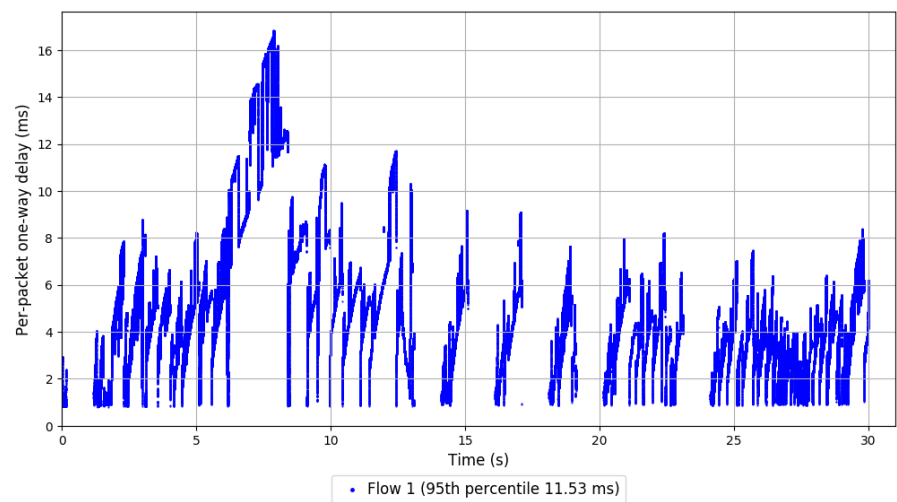
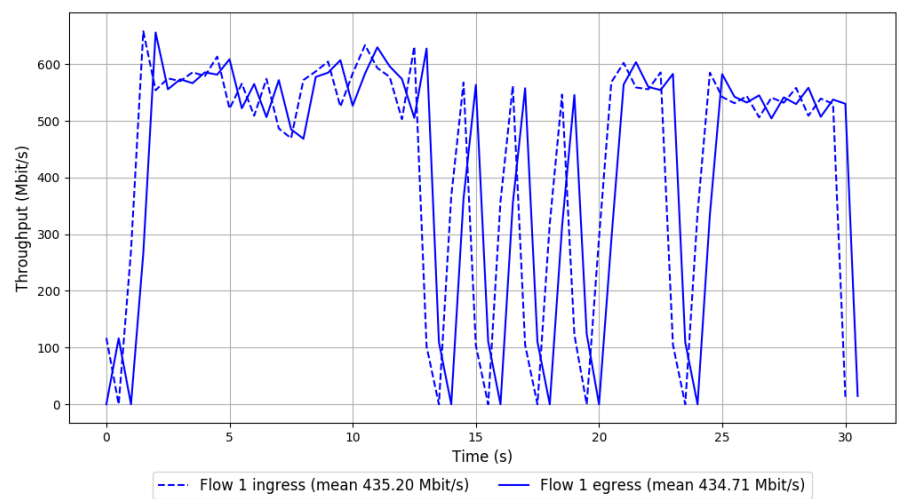


Run 2: Statistics of LEDBAT

Start at: 2019-02-19 20:43:35
End at: 2019-02-19 20:44:05
Local clock offset: -2.18 ms
Remote clock offset: -2.991 ms

Below is generated by plot.py at 2019-02-19 22:53:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 434.71 Mbit/s
95th percentile per-packet one-way delay: 11.530 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 434.71 Mbit/s
95th percentile per-packet one-way delay: 11.530 ms
Loss rate: 0.11%

Run 2: Report of LEDBAT — Data Link

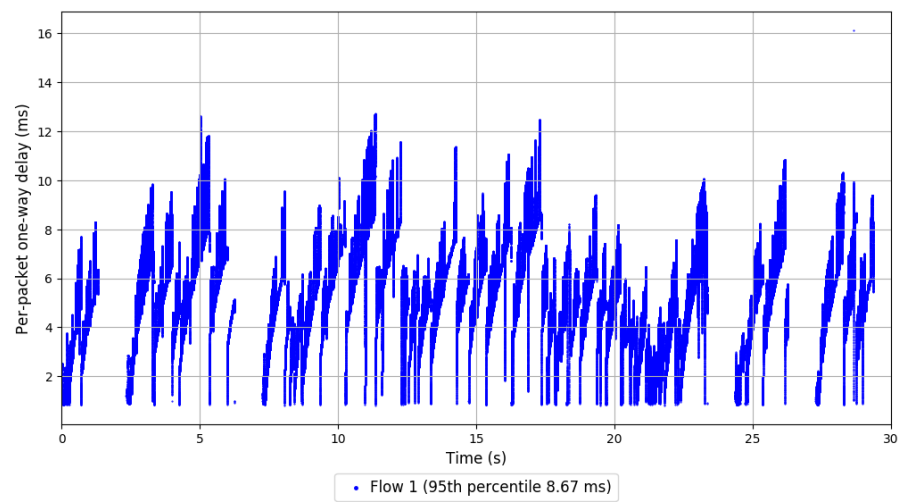
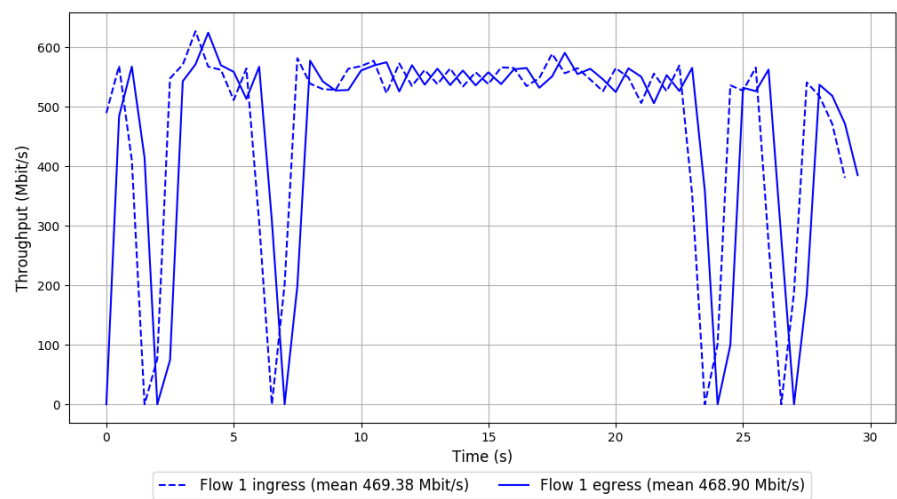


Run 3: Statistics of LEDBAT

Start at: 2019-02-19 21:12:14
End at: 2019-02-19 21:12:44
Local clock offset: -1.251 ms
Remote clock offset: -3.394 ms

Below is generated by plot.py at 2019-02-19 22:54:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 468.90 Mbit/s
95th percentile per-packet one-way delay: 8.674 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 468.90 Mbit/s
95th percentile per-packet one-way delay: 8.674 ms
Loss rate: 0.09%

Run 3: Report of LEDBAT — Data Link

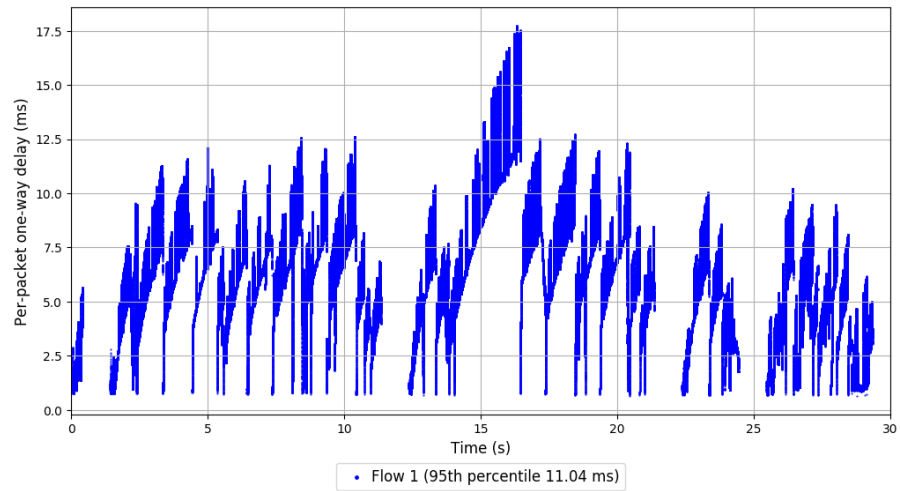
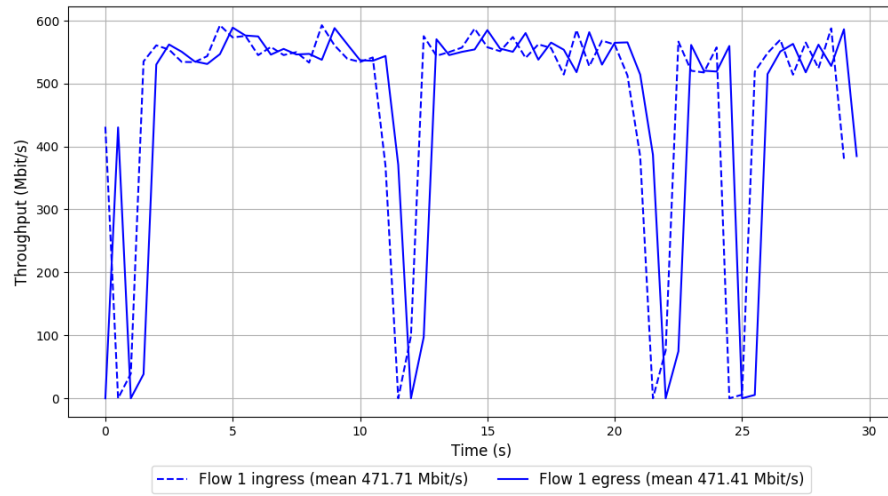


Run 4: Statistics of LEDBAT

Start at: 2019-02-19 21:40:49
End at: 2019-02-19 21:41:19
Local clock offset: -0.62 ms
Remote clock offset: -1.812 ms

Below is generated by plot.py at 2019-02-19 22:54:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 471.41 Mbit/s
95th percentile per-packet one-way delay: 11.040 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 471.41 Mbit/s
95th percentile per-packet one-way delay: 11.040 ms
Loss rate: 0.06%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-02-19 22:09:38

End at: 2019-02-19 22:10:08

Local clock offset: -0.421 ms

Remote clock offset: 0.921 ms

Below is generated by plot.py at 2019-02-19 22:54:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 424.63 Mbit/s

95th percentile per-packet one-way delay: 8.538 ms

Loss rate: 0.13%

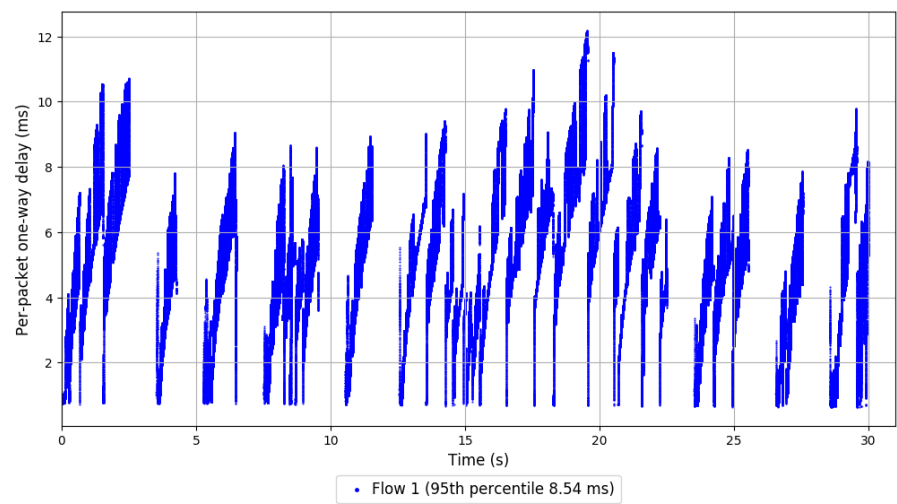
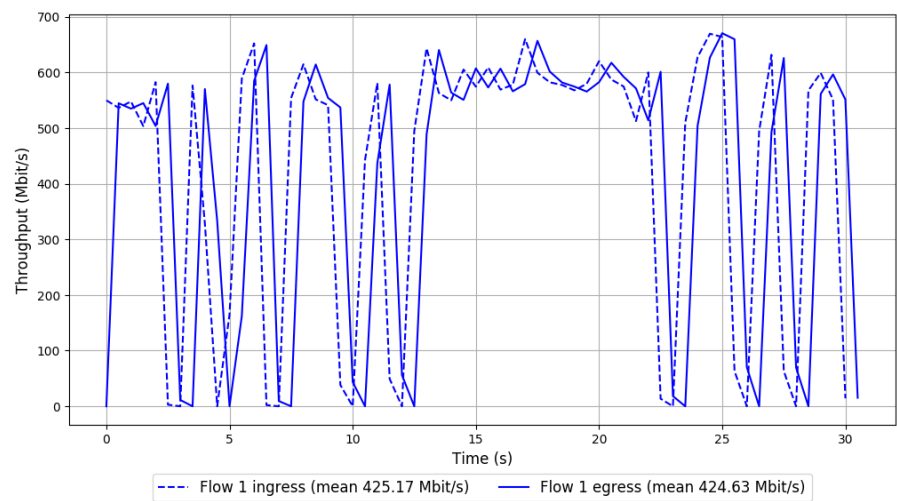
-- Flow 1:

Average throughput: 424.63 Mbit/s

95th percentile per-packet one-way delay: 8.538 ms

Loss rate: 0.13%

Run 5: Report of LEDBAT — Data Link

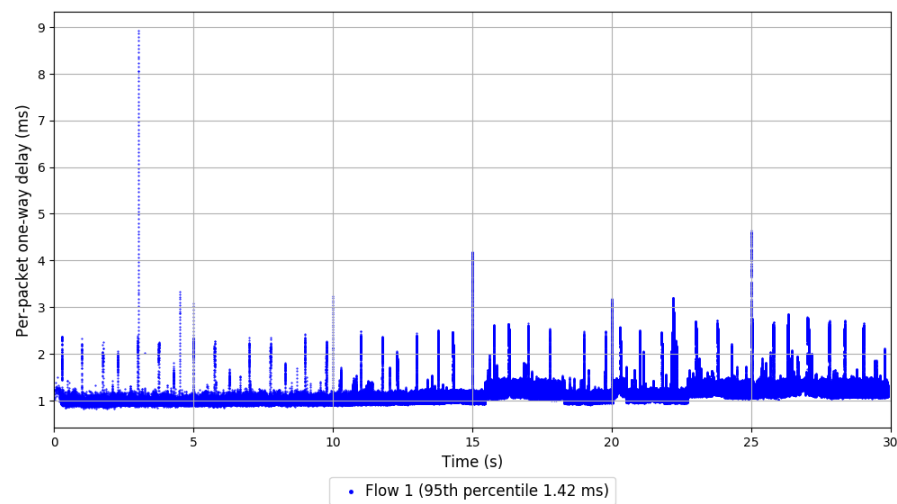
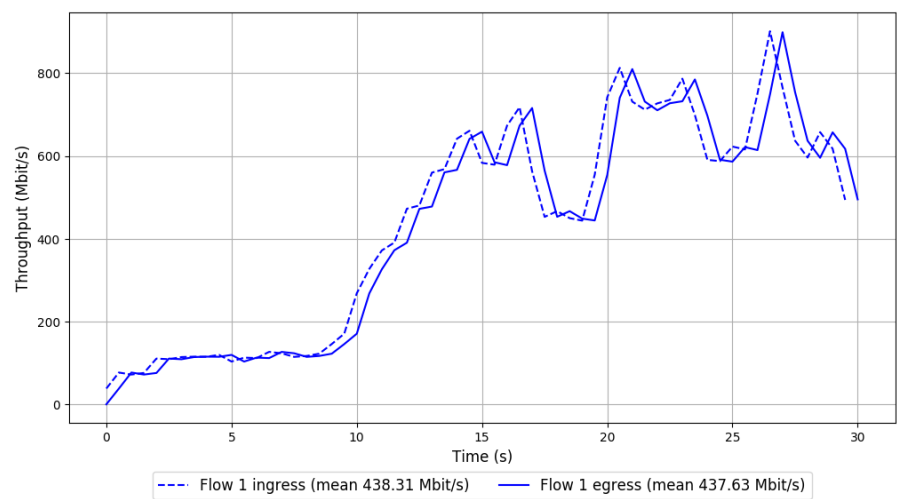


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-02-19 20:08:24
End at: 2019-02-19 20:08:54
Local clock offset: -4.792 ms
Remote clock offset: 0.159 ms

# Below is generated by plot.py at 2019-02-19 22:54:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 437.63 Mbit/s
95th percentile per-packet one-way delay: 1.420 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 437.63 Mbit/s
95th percentile per-packet one-way delay: 1.420 ms
Loss rate: 0.16%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-02-19 20:37:06

End at: 2019-02-19 20:37:36

Local clock offset: -2.786 ms

Remote clock offset: -1.923 ms

Below is generated by plot.py at 2019-02-19 22:54:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 216.18 Mbit/s

95th percentile per-packet one-way delay: 1.540 ms

Loss rate: 0.12%

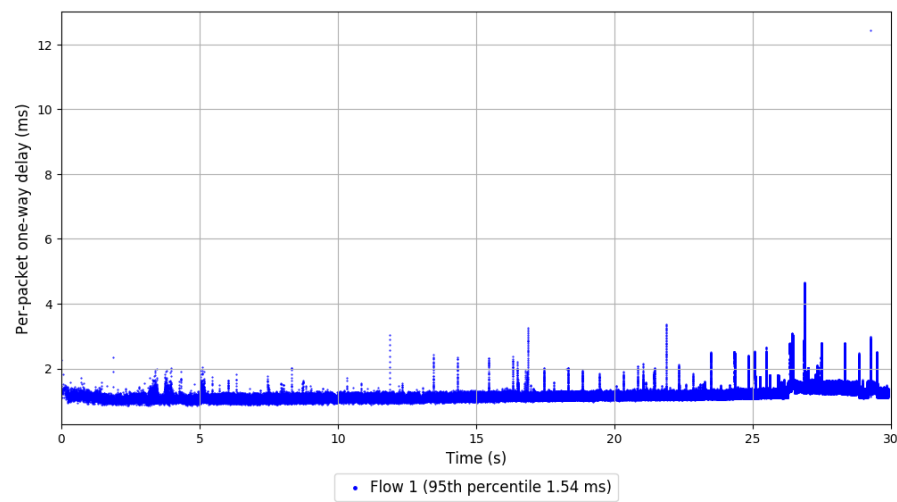
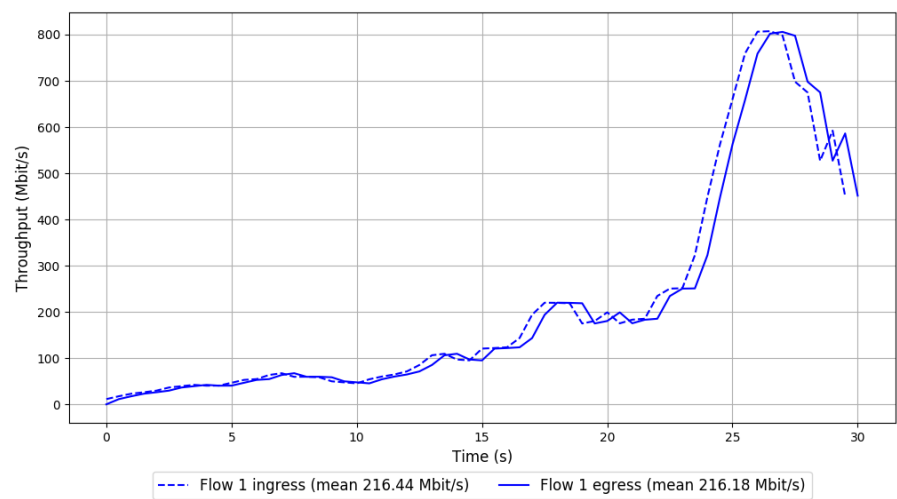
-- Flow 1:

Average throughput: 216.18 Mbit/s

95th percentile per-packet one-way delay: 1.540 ms

Loss rate: 0.12%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-02-19 21:05:37

End at: 2019-02-19 21:06:07

Local clock offset: -1.713 ms

Remote clock offset: -3.742 ms

Below is generated by plot.py at 2019-02-19 22:55:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 485.61 Mbit/s

95th percentile per-packet one-way delay: 1.283 ms

Loss rate: 0.18%

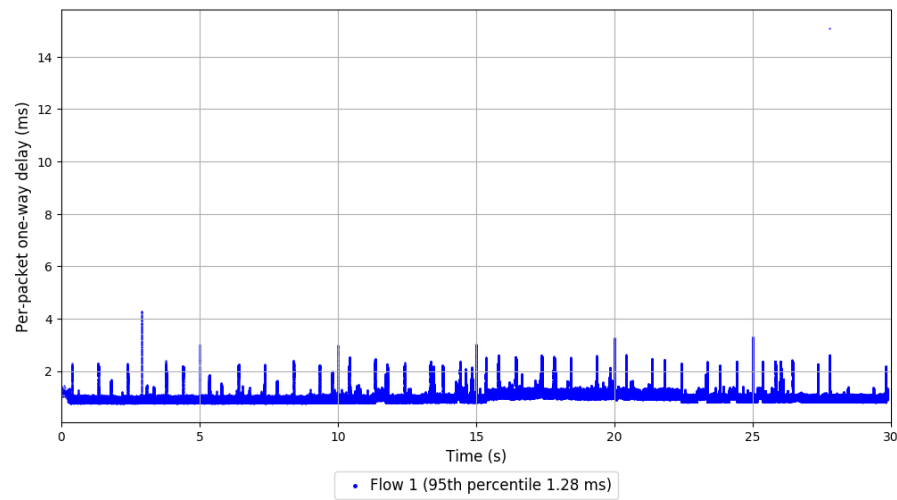
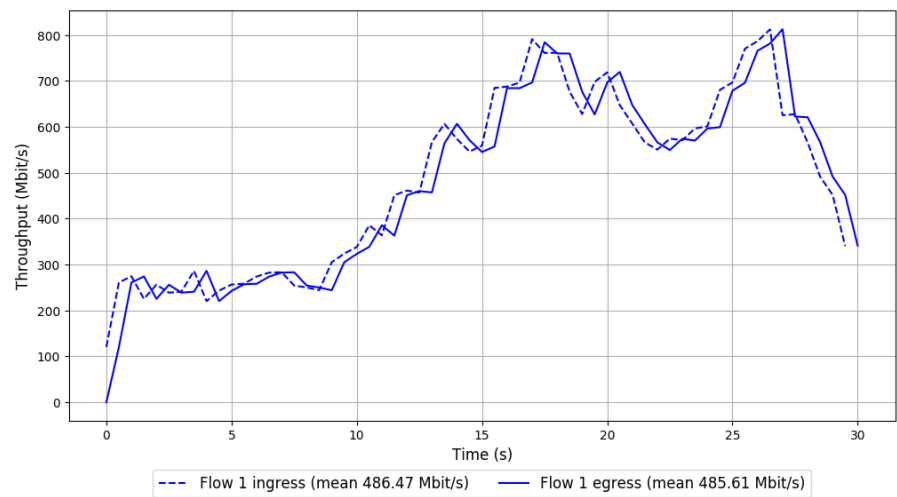
-- Flow 1:

Average throughput: 485.61 Mbit/s

95th percentile per-packet one-way delay: 1.283 ms

Loss rate: 0.18%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-02-19 21:34:15

End at: 2019-02-19 21:34:45

Local clock offset: -0.991 ms

Remote clock offset: -3.44 ms

Below is generated by plot.py at 2019-02-19 22:55:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 354.21 Mbit/s

95th percentile per-packet one-way delay: 1.327 ms

Loss rate: 0.20%

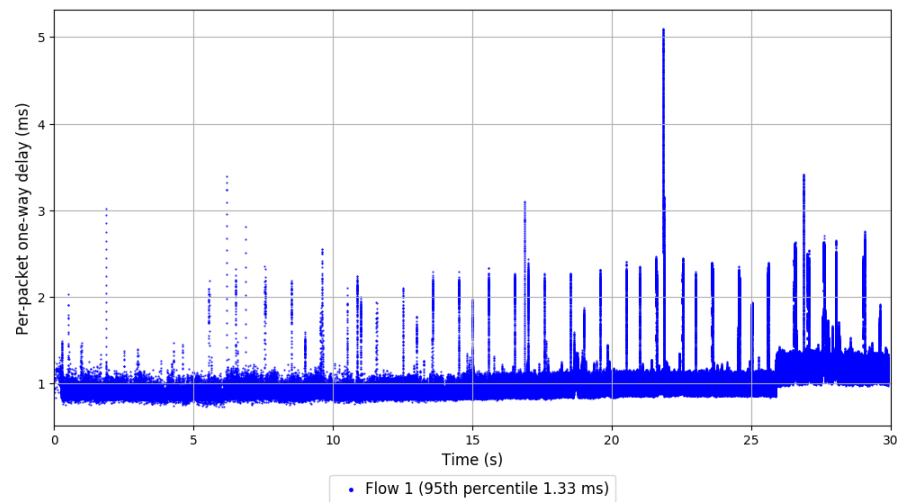
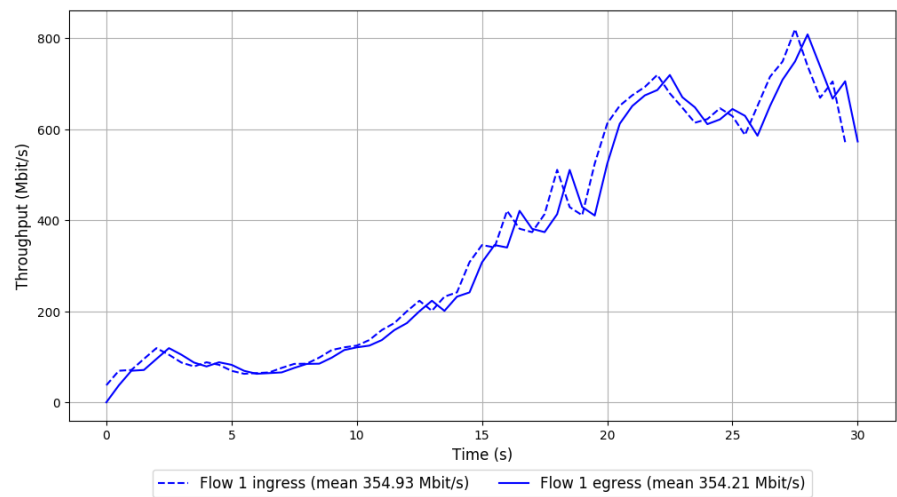
-- Flow 1:

Average throughput: 354.21 Mbit/s

95th percentile per-packet one-way delay: 1.327 ms

Loss rate: 0.20%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-02-19 22:02:55

End at: 2019-02-19 22:03:25

Local clock offset: -0.593 ms

Remote clock offset: 0.657 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 636.61 Mbit/s

95th percentile per-packet one-way delay: 1.788 ms

Loss rate: 0.16%

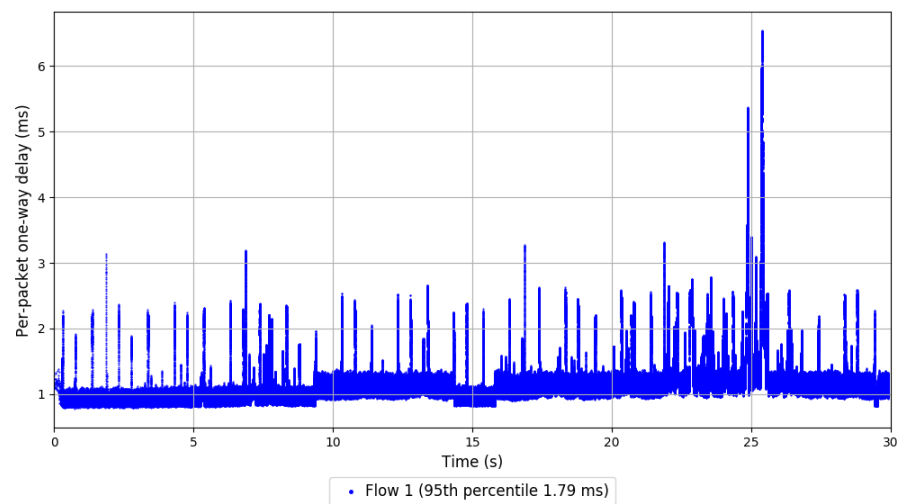
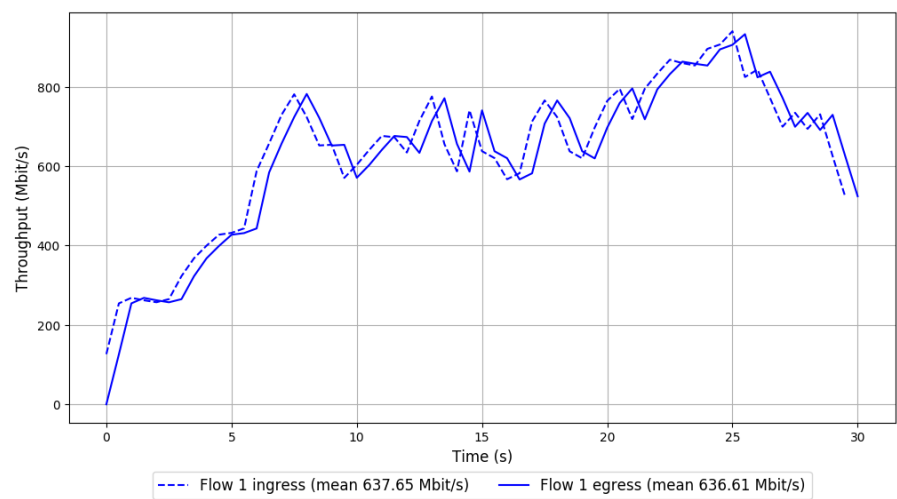
-- Flow 1:

Average throughput: 636.61 Mbit/s

95th percentile per-packet one-way delay: 1.788 ms

Loss rate: 0.16%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

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

End at: 2019-02-19 19:52:34

Local clock offset: -7.53 ms

Remote clock offset: -3.418 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.09 Mbit/s

95th percentile per-packet one-way delay: 0.958 ms

Loss rate: 13.21%

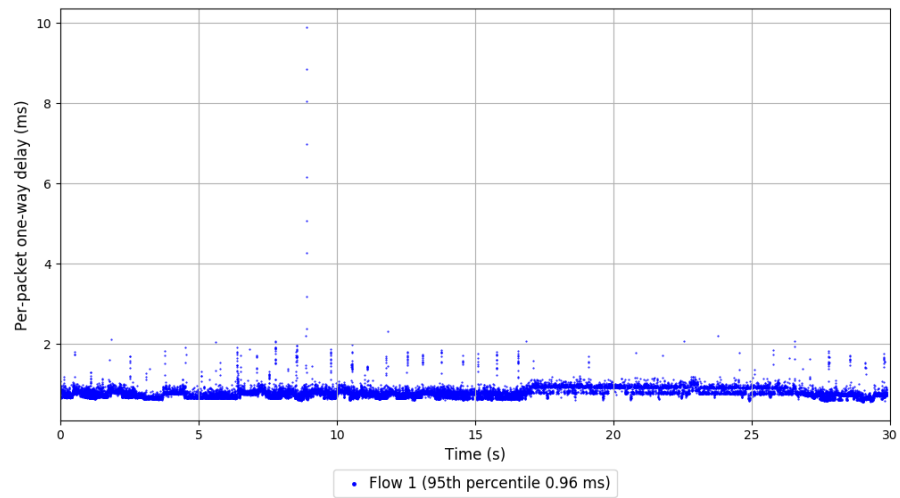
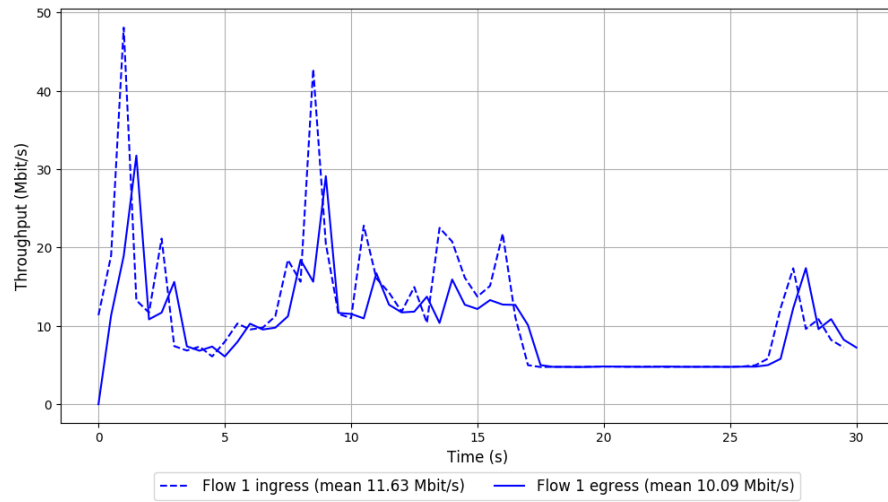
-- Flow 1:

Average throughput: 10.09 Mbit/s

95th percentile per-packet one-way delay: 0.958 ms

Loss rate: 13.21%

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

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

End at: 2019-02-19 20:21:14

Local clock offset: -4.001 ms

Remote clock offset: 1.205 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.44 Mbit/s

95th percentile per-packet one-way delay: 1.118 ms

Loss rate: 16.35%

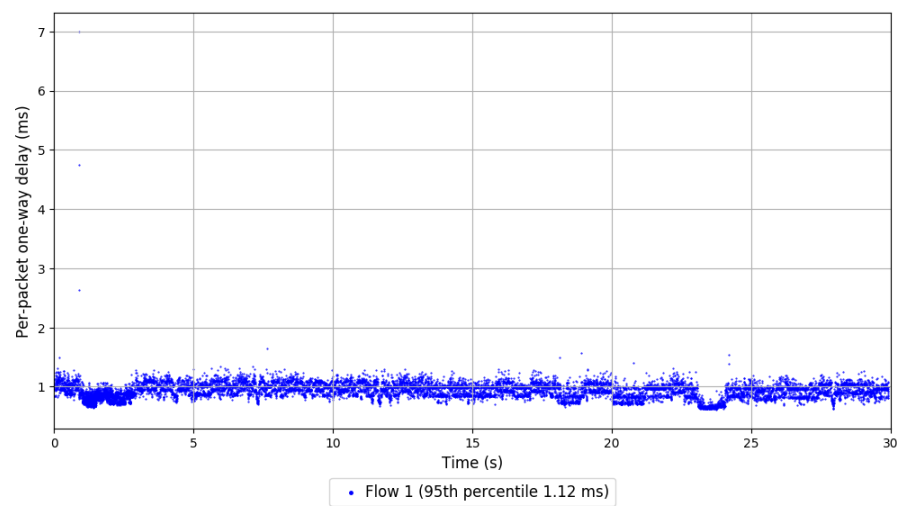
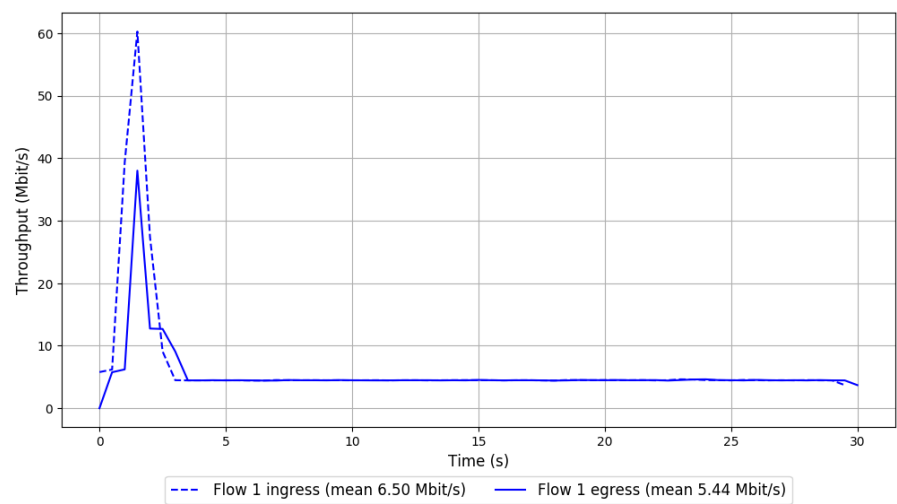
-- Flow 1:

Average throughput: 5.44 Mbit/s

95th percentile per-packet one-way delay: 1.118 ms

Loss rate: 16.35%

Run 2: Report of PCC-Expr — Data Link

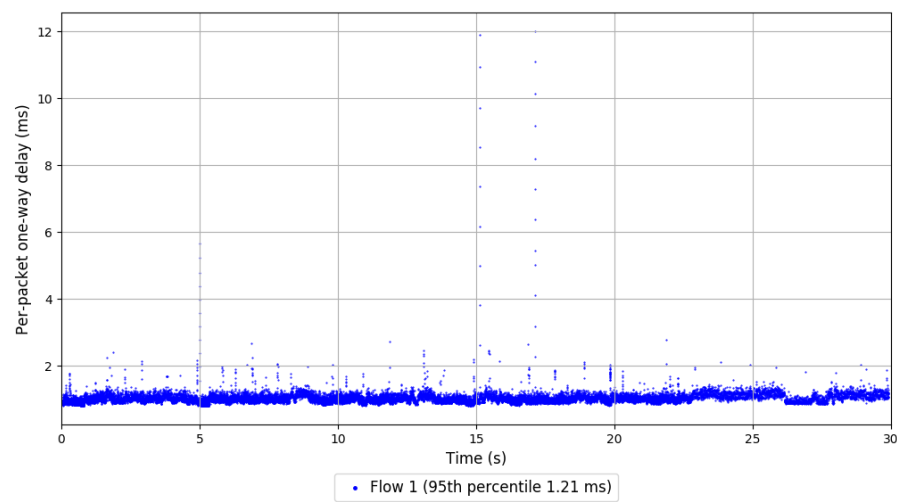
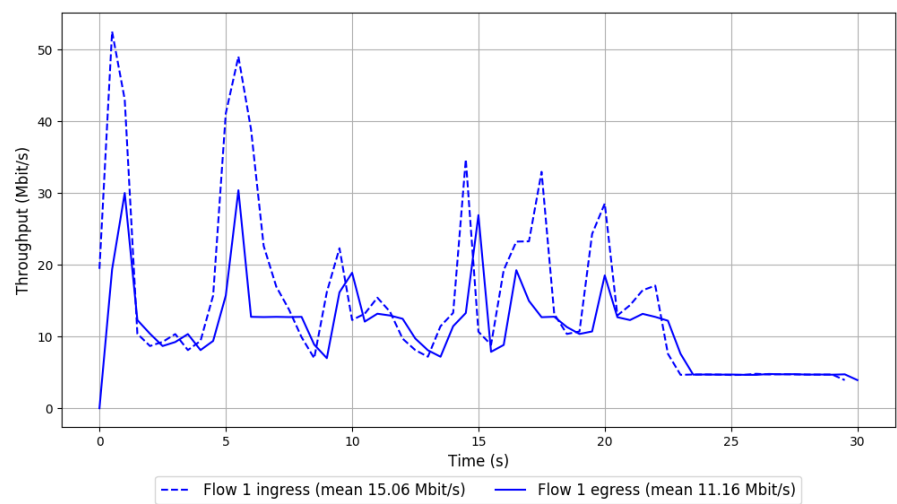


Run 3: Statistics of PCC-Expr

Start at: 2019-02-19 20:49:11
End at: 2019-02-19 20:49:41
Local clock offset: -2.162 ms
Remote clock offset: -3.424 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 1.205 ms
Loss rate: 25.87%
-- Flow 1:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 1.205 ms
Loss rate: 25.87%

Run 3: Report of PCC-Expr — Data Link

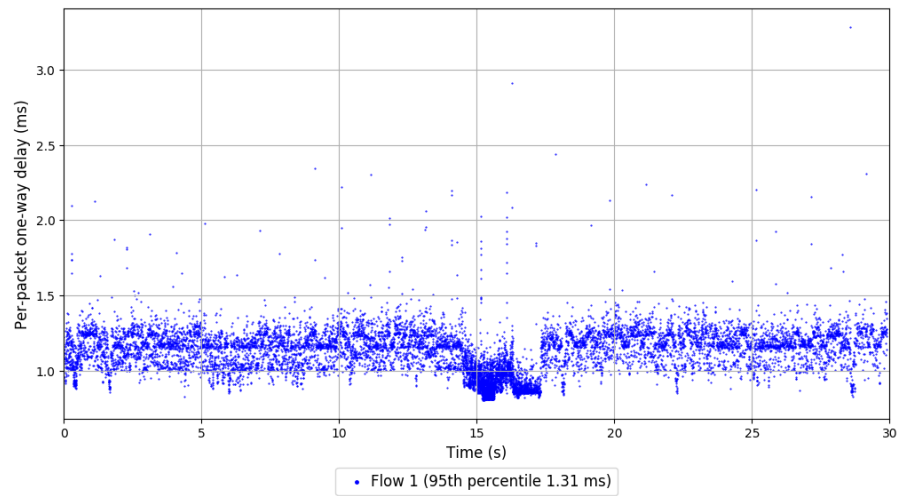
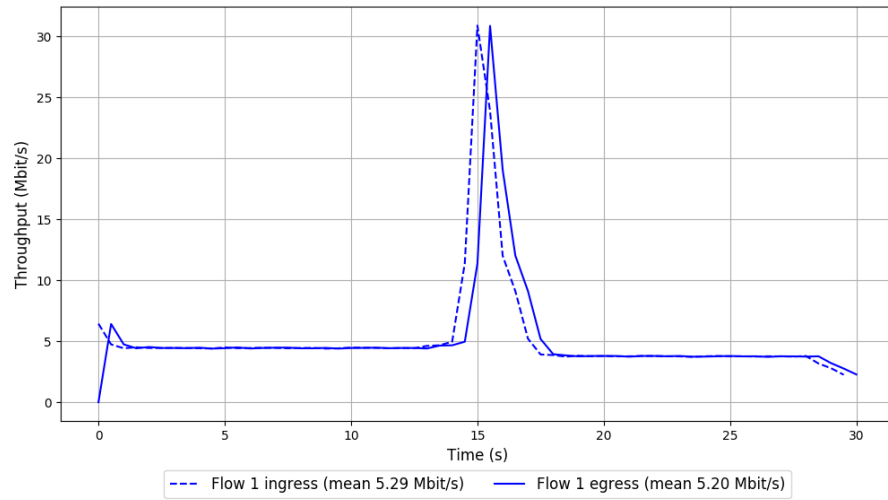


Run 4: Statistics of PCC-Expr

Start at: 2019-02-19 21:17:51
End at: 2019-02-19 21:18:21
Local clock offset: -1.204 ms
Remote clock offset: -3.348 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.20 Mbit/s
95th percentile per-packet one-way delay: 1.312 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 5.20 Mbit/s
95th percentile per-packet one-way delay: 1.312 ms
Loss rate: 1.55%

Run 4: Report of PCC-Expr — Data Link

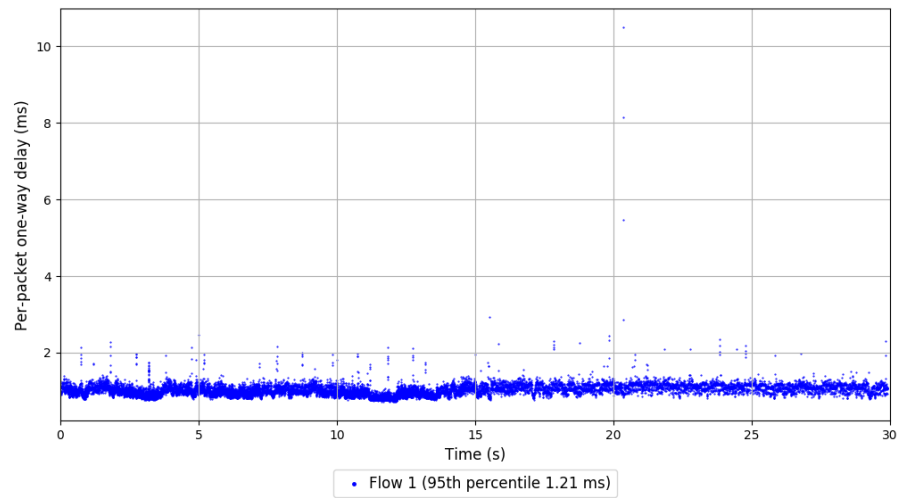
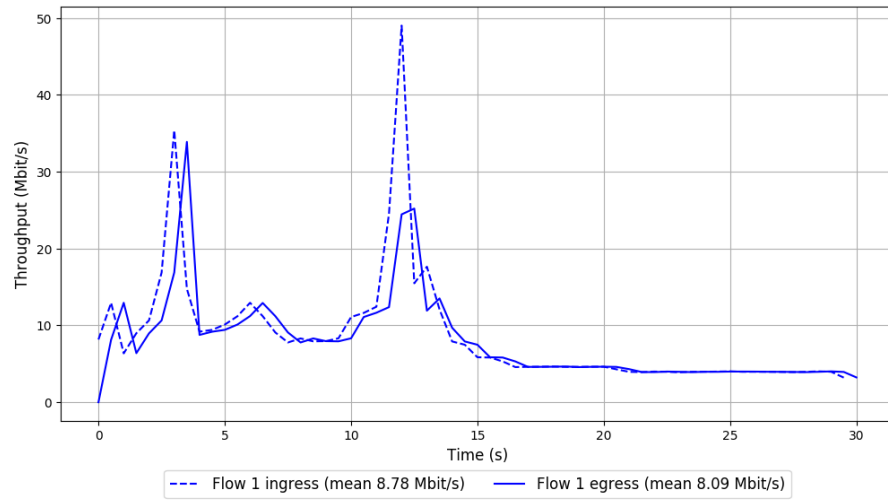


Run 5: Statistics of PCC-Expr

Start at: 2019-02-19 21:46:26
End at: 2019-02-19 21:46:56
Local clock offset: -0.538 ms
Remote clock offset: -0.731 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.09 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 7.90%
-- Flow 1:
Average throughput: 8.09 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 7.90%

Run 5: Report of PCC-Expr — Data Link

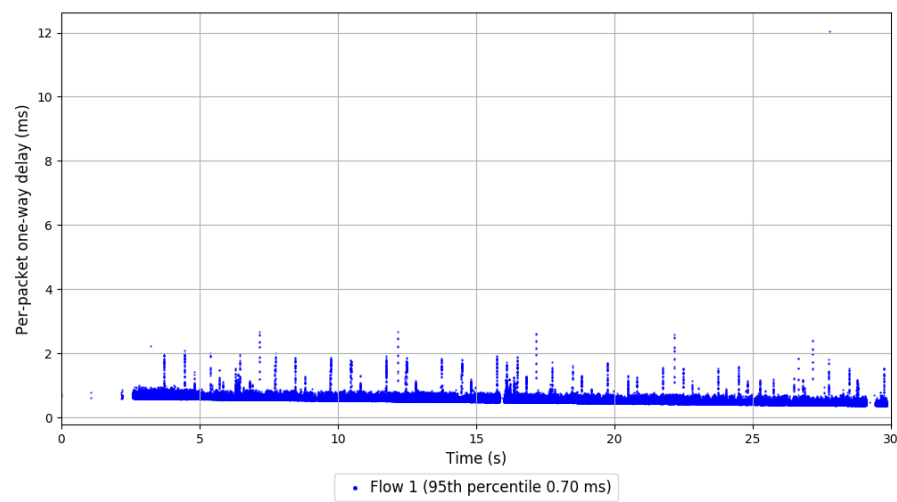
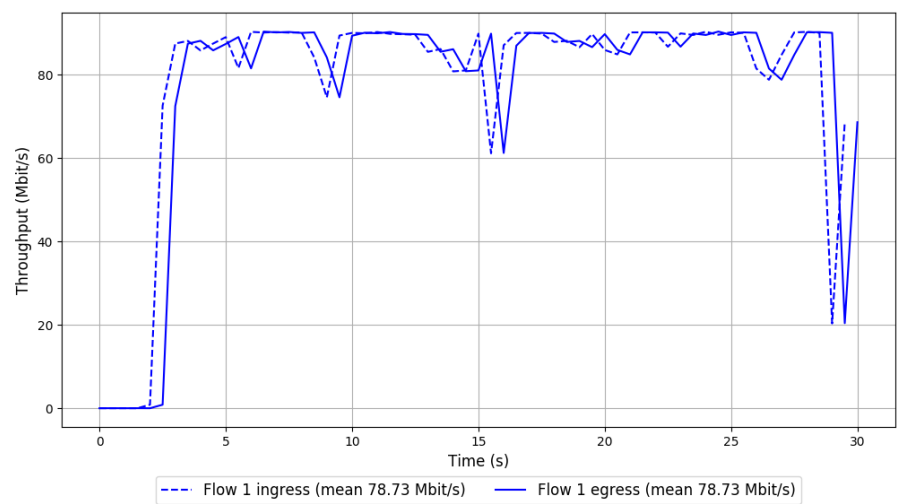


Run 1: Statistics of QUIC Cubic

Start at: 2019-02-19 19:57:41
End at: 2019-02-19 19:58:11
Local clock offset: -8.633 ms
Remote clock offset: -1.728 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.73 Mbit/s
95th percentile per-packet one-way delay: 0.699 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.73 Mbit/s
95th percentile per-packet one-way delay: 0.699 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-02-19 20:26:23

End at: 2019-02-19 20:26:53

Local clock offset: -4.504 ms

Remote clock offset: 1.629 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.46 Mbit/s

95th percentile per-packet one-way delay: 0.859 ms

Loss rate: 0.00%

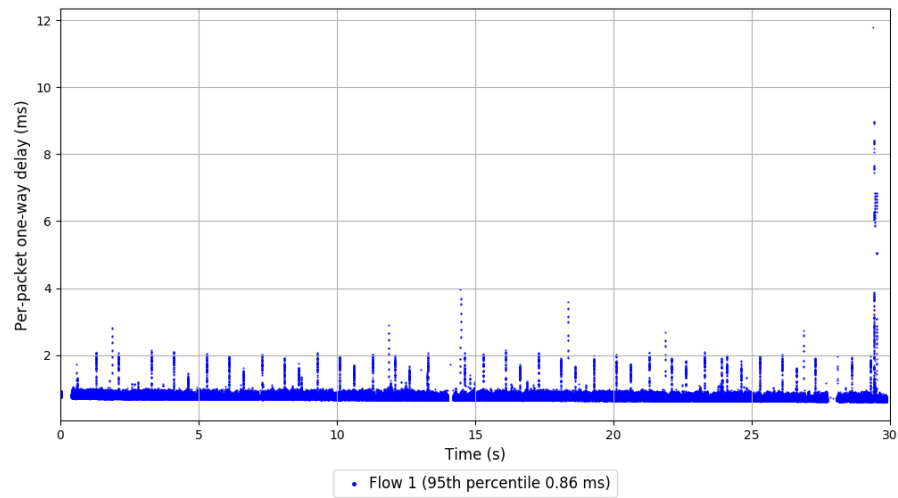
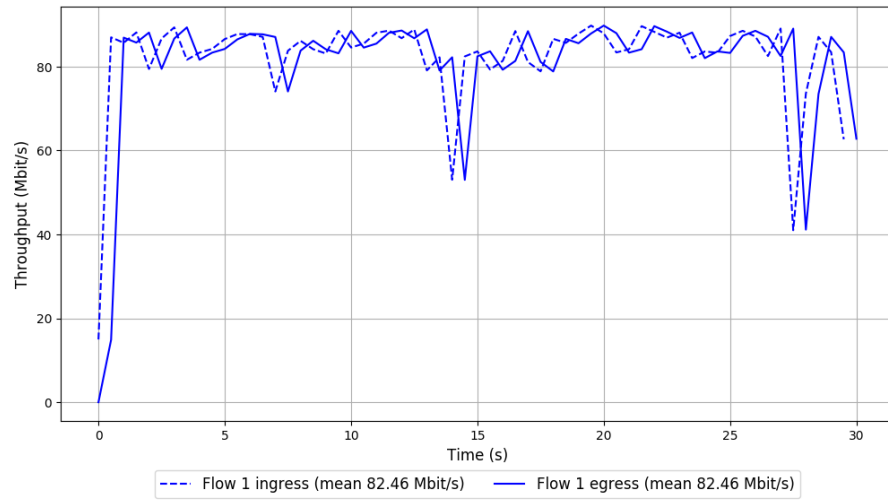
-- Flow 1:

Average throughput: 82.46 Mbit/s

95th percentile per-packet one-way delay: 0.859 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-02-19 20:54:51

End at: 2019-02-19 20:55:21

Local clock offset: -2.407 ms

Remote clock offset: -3.75 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.53 Mbit/s

95th percentile per-packet one-way delay: 0.958 ms

Loss rate: 0.00%

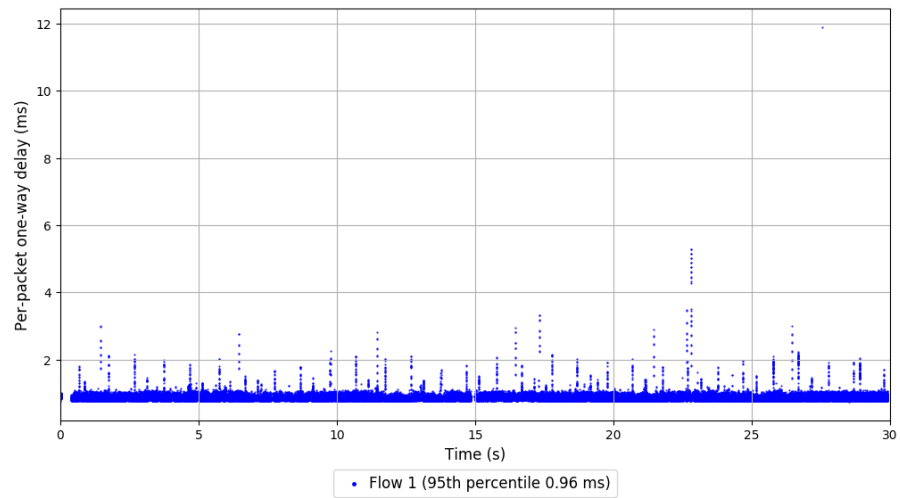
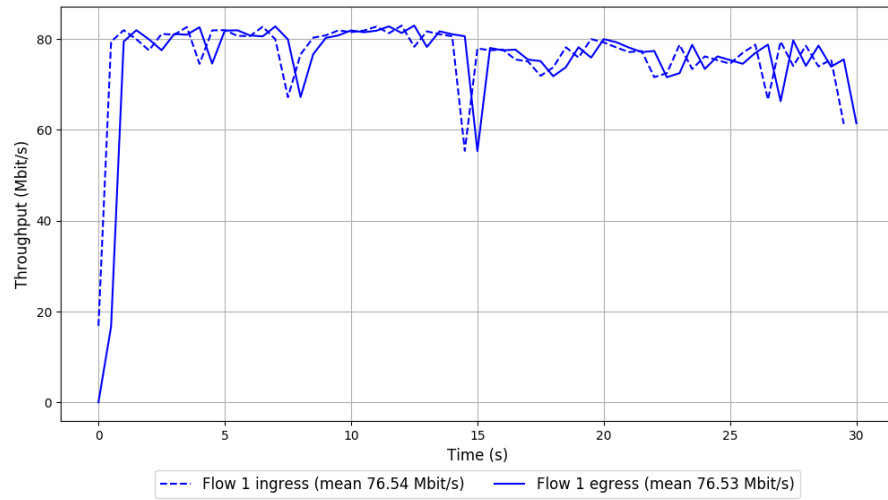
-- Flow 1:

Average throughput: 76.53 Mbit/s

95th percentile per-packet one-way delay: 0.958 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-02-19 21:23:34

End at: 2019-02-19 21:24:04

Local clock offset: -1.286 ms

Remote clock offset: -3.426 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.26 Mbit/s

95th percentile per-packet one-way delay: 0.870 ms

Loss rate: 0.01%

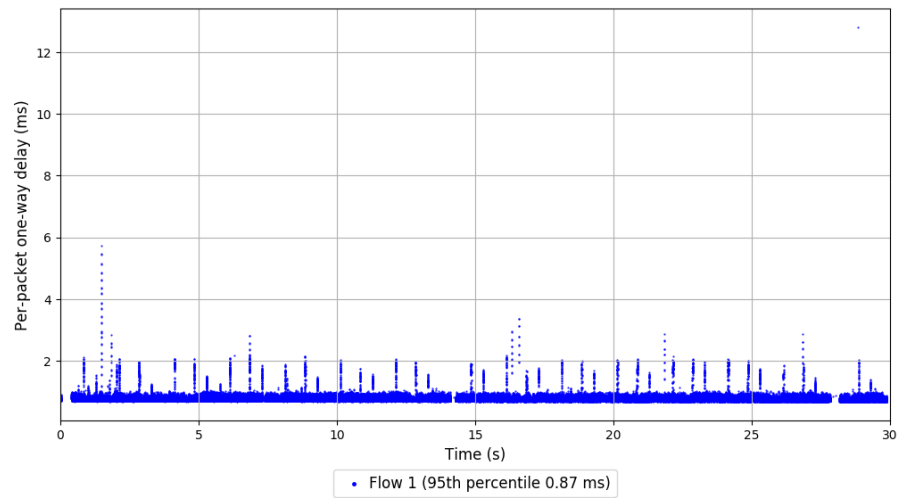
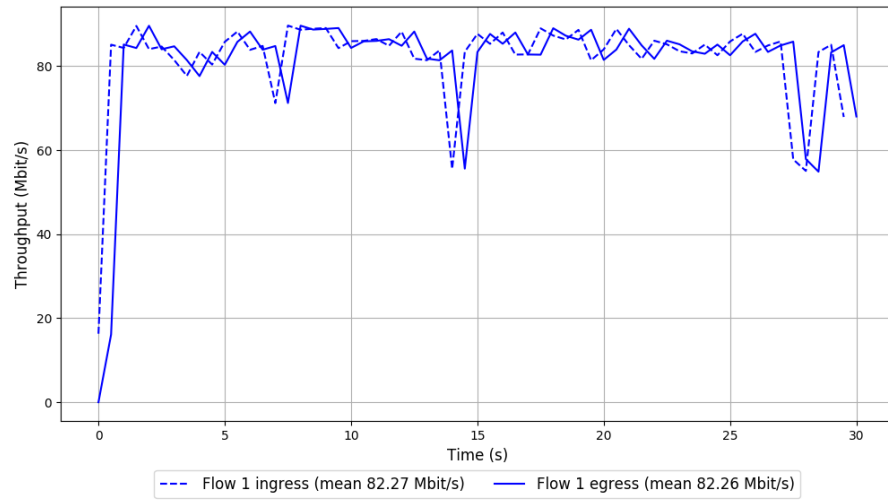
-- Flow 1:

Average throughput: 82.26 Mbit/s

95th percentile per-packet one-way delay: 0.870 ms

Loss rate: 0.01%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-02-19 21:52:06

End at: 2019-02-19 21:52:36

Local clock offset: -0.582 ms

Remote clock offset: -0.188 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.66 Mbit/s

95th percentile per-packet one-way delay: 0.869 ms

Loss rate: 0.03%

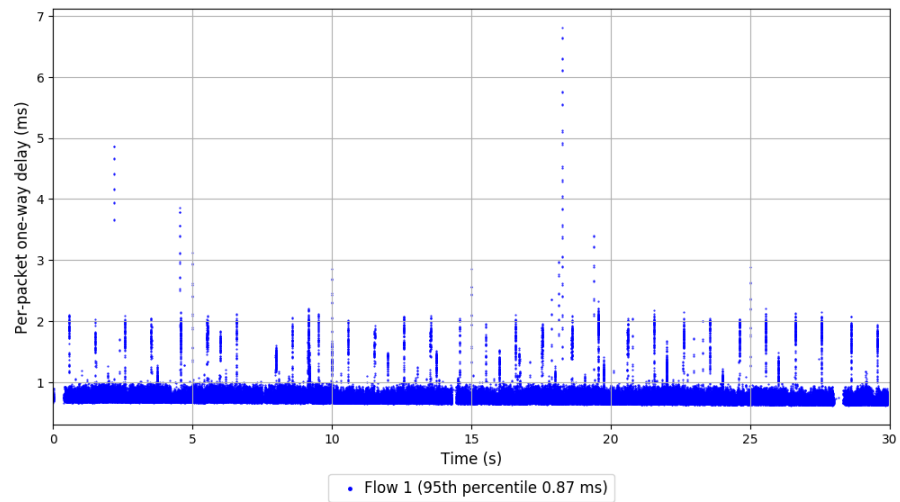
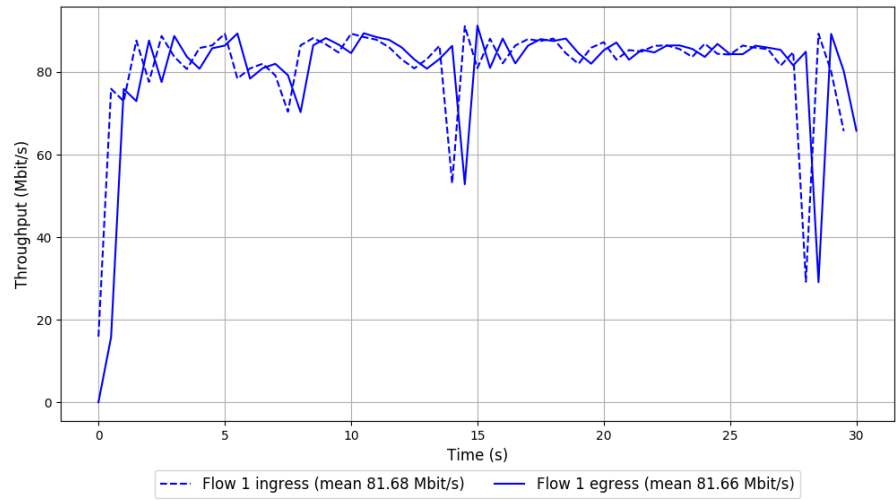
-- Flow 1:

Average throughput: 81.66 Mbit/s

95th percentile per-packet one-way delay: 0.869 ms

Loss rate: 0.03%

Run 5: Report of QUIC Cubic — Data Link

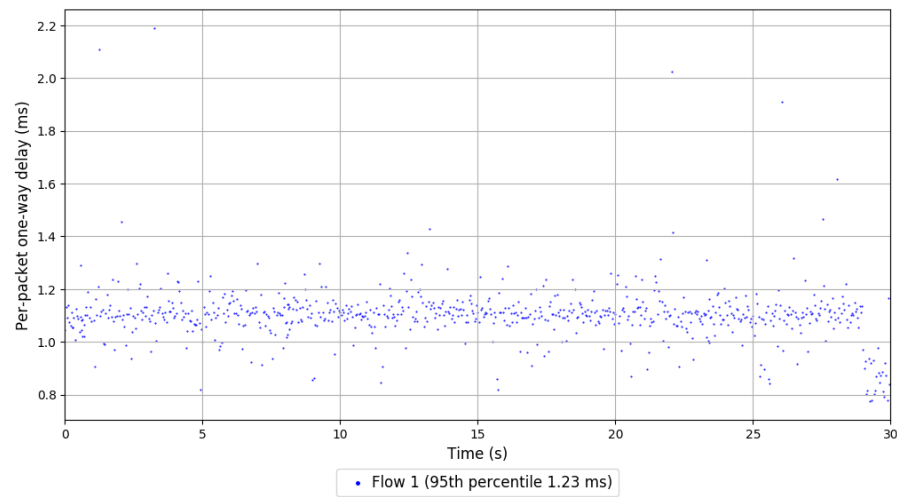
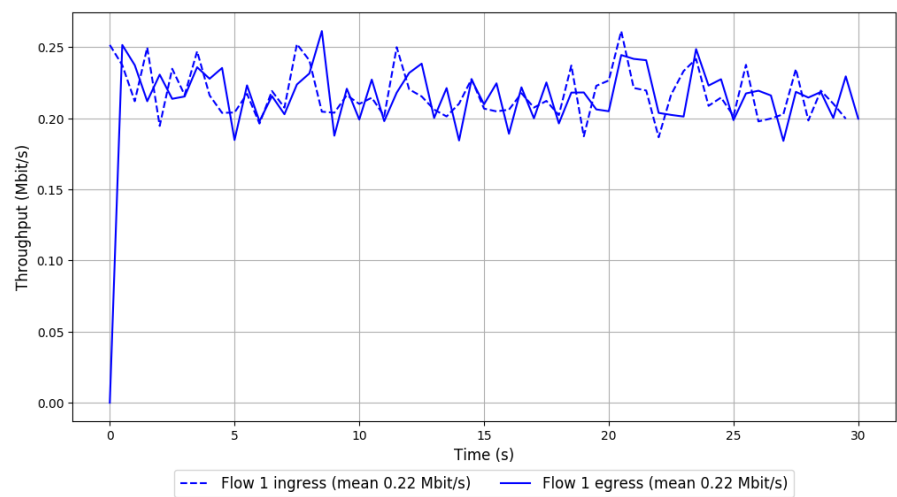


```
Run 1: Statistics of SCReAM

Start at: 2019-02-19 20:11:08
End at: 2019-02-19 20:11:38
Local clock offset: -4.233 ms
Remote clock offset: 0.394 ms

# Below is generated by plot.py at 2019-02-19 22:59:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.228 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.228 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

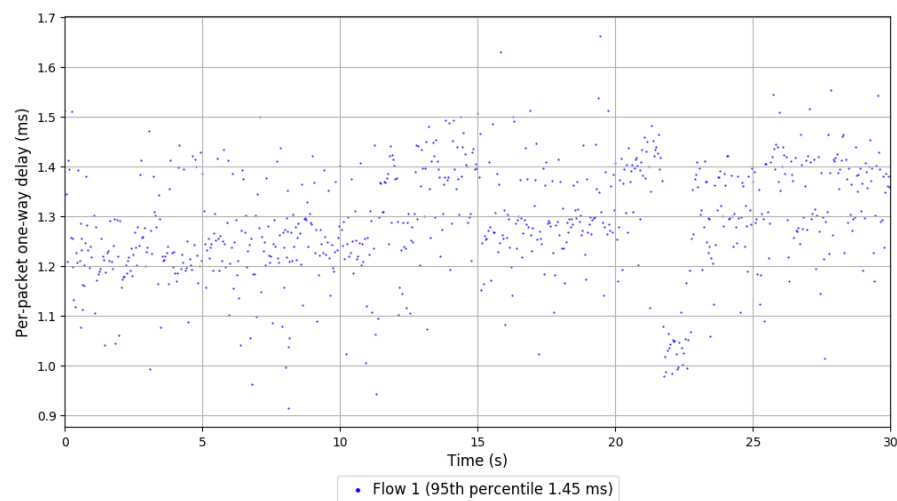
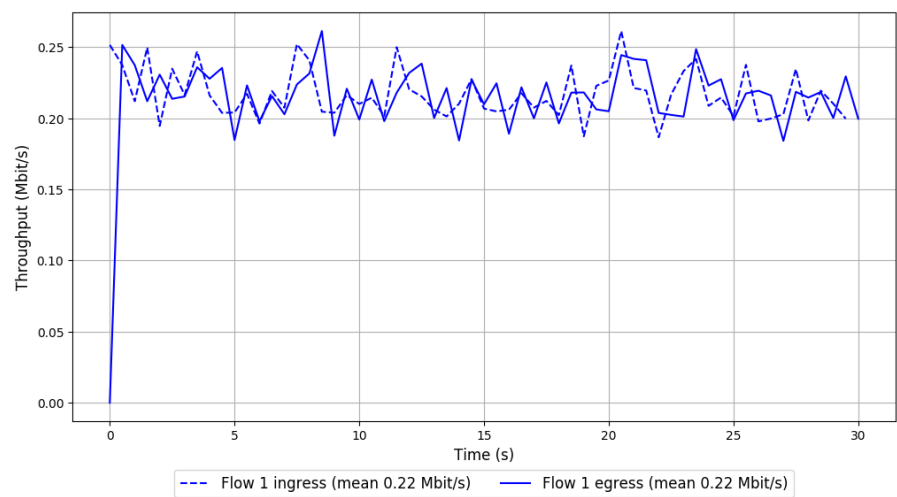


Run 2: Statistics of SCReAM

Start at: 2019-02-19 20:39:45
End at: 2019-02-19 20:40:15
Local clock offset: -2.398 ms
Remote clock offset: -2.426 ms

Below is generated by plot.py at 2019-02-19 22:59:28
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 2: Report of SReAM — Data Link

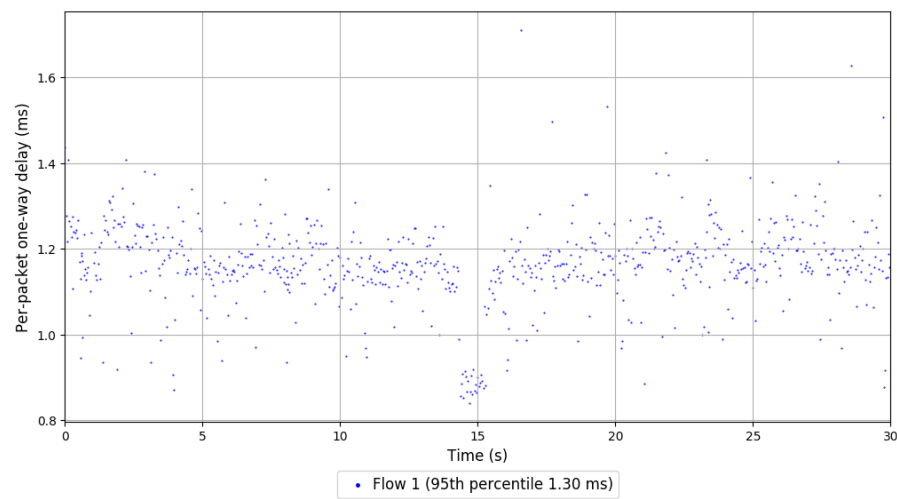
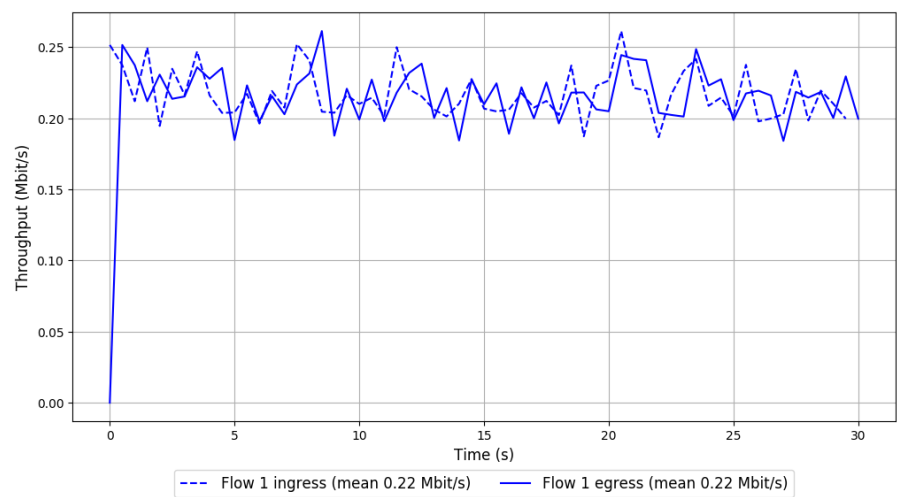


Run 3: Statistics of SCReAM

Start at: 2019-02-19 21:08:23
End at: 2019-02-19 21:08:53
Local clock offset: -1.437 ms
Remote clock offset: -3.573 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.304 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.304 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

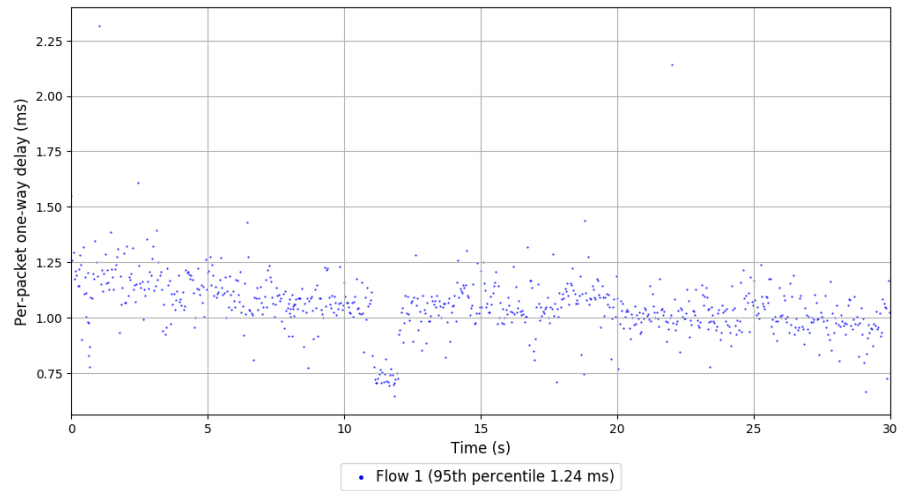
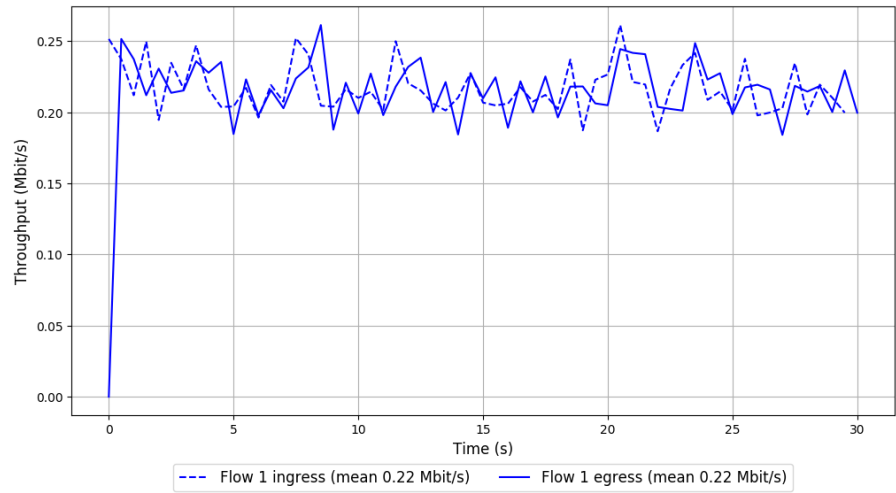


Run 4: Statistics of SCReAM

Start at: 2019-02-19 21:36:56
End at: 2019-02-19 21:37:26
Local clock offset: -0.806 ms
Remote clock offset: -2.968 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.239 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.239 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-02-19 22:05:44

End at: 2019-02-19 22:06:14

Local clock offset: -0.505 ms

Remote clock offset: 0.679 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 1.260 ms

Loss rate: 0.16%

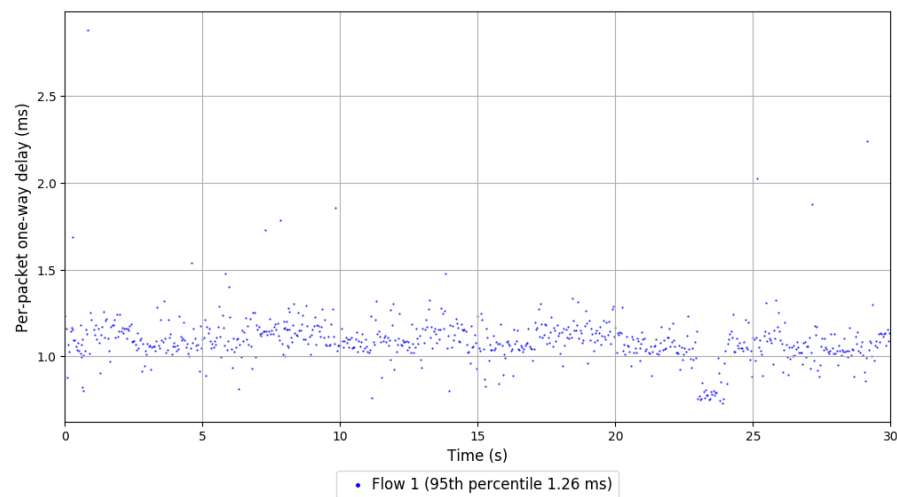
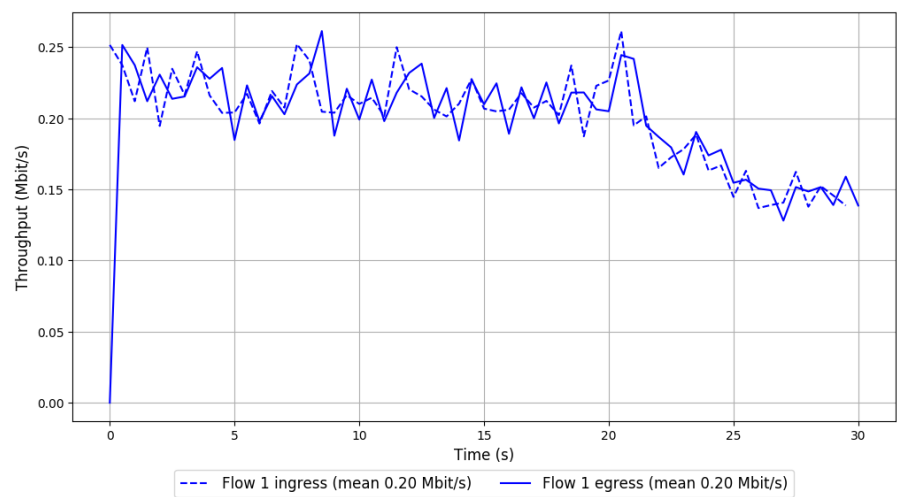
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 1.260 ms

Loss rate: 0.16%

Run 5: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-02-19 20:07:10

End at: 2019-02-19 20:07:40

Local clock offset: -5.133 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.96 Mbit/s

95th percentile per-packet one-way delay: 3.992 ms

Loss rate: 0.20%

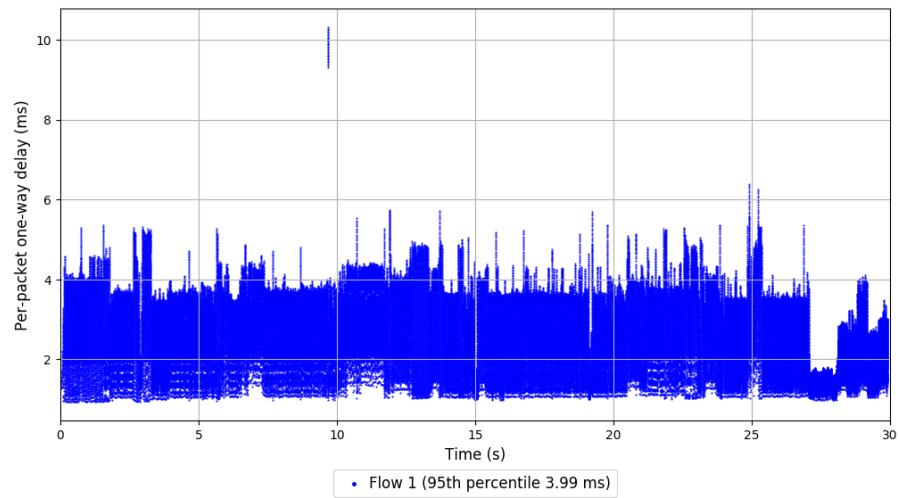
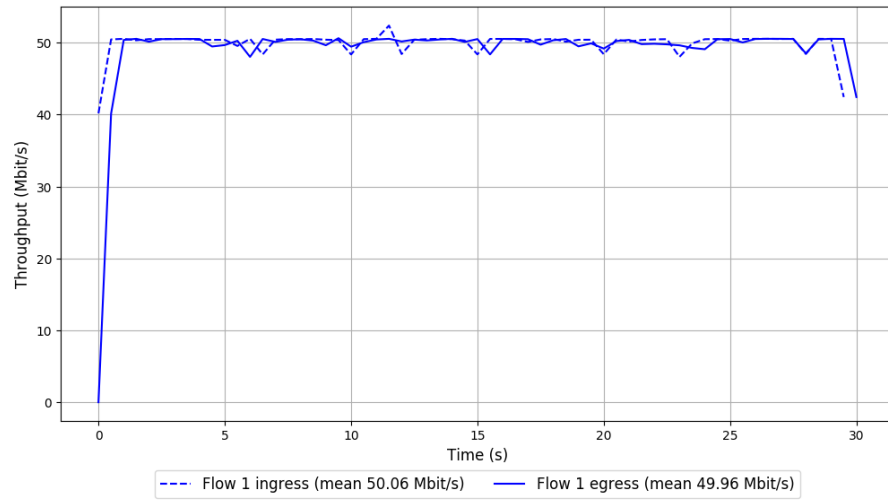
-- Flow 1:

Average throughput: 49.96 Mbit/s

95th percentile per-packet one-way delay: 3.992 ms

Loss rate: 0.20%

Run 1: Report of Sprout — Data Link

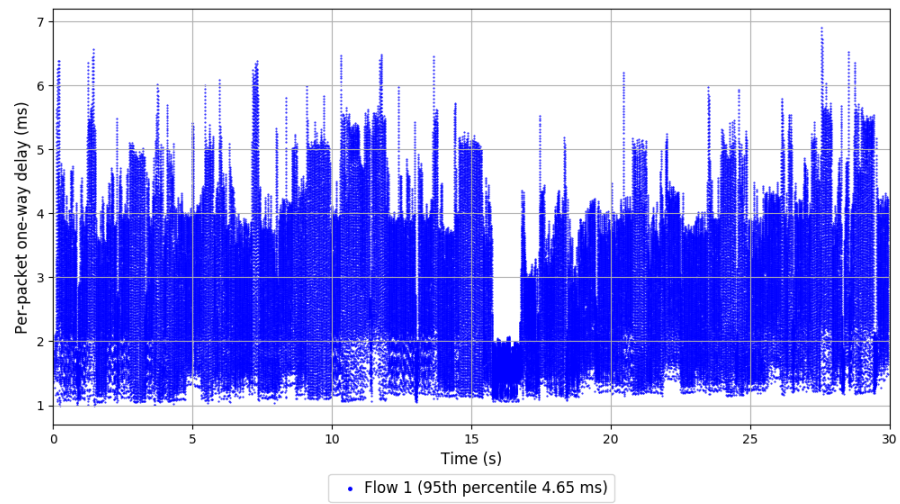
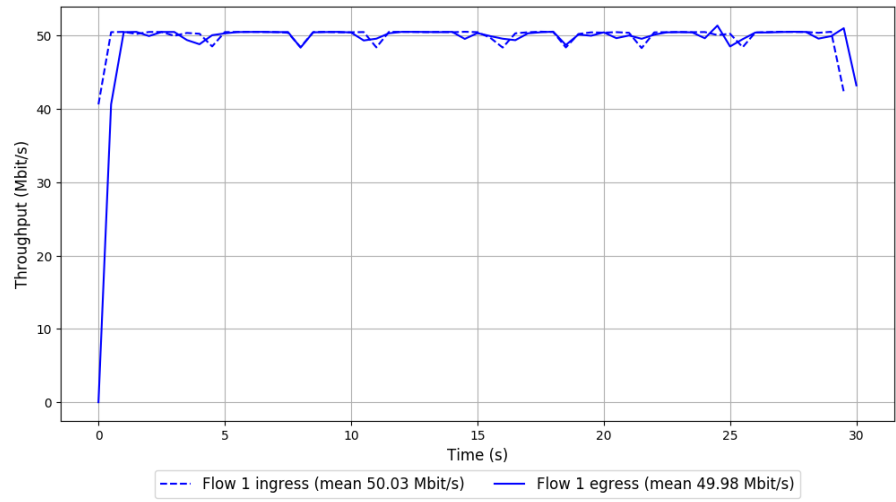


Run 2: Statistics of Sprout

Start at: 2019-02-19 20:35:51
End at: 2019-02-19 20:36:21
Local clock offset: -3.002 ms
Remote clock offset: -1.64 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.98 Mbit/s
95th percentile per-packet one-way delay: 4.652 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 49.98 Mbit/s
95th percentile per-packet one-way delay: 4.652 ms
Loss rate: 0.08%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2019-02-19 21:04:22

End at: 2019-02-19 21:04:52

Local clock offset: -1.883 ms

Remote clock offset: -3.91 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.81 Mbit/s

95th percentile per-packet one-way delay: 4.071 ms

Loss rate: 0.26%

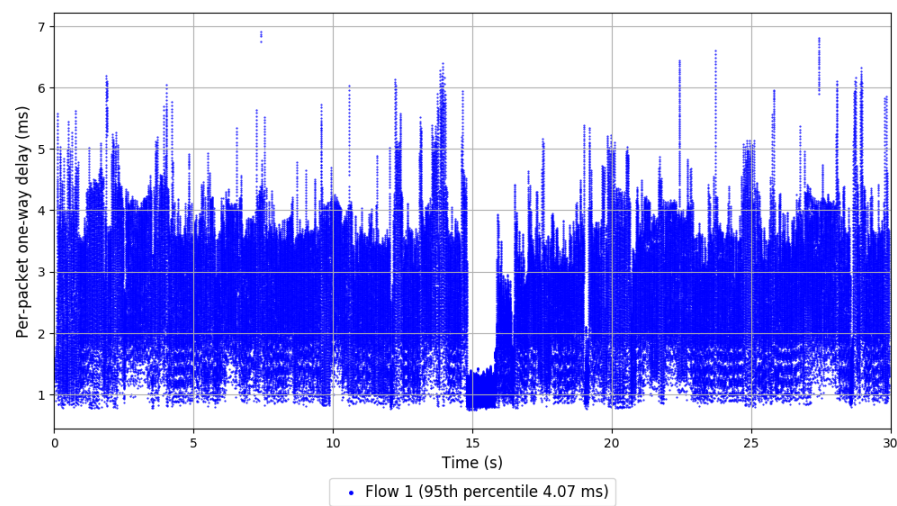
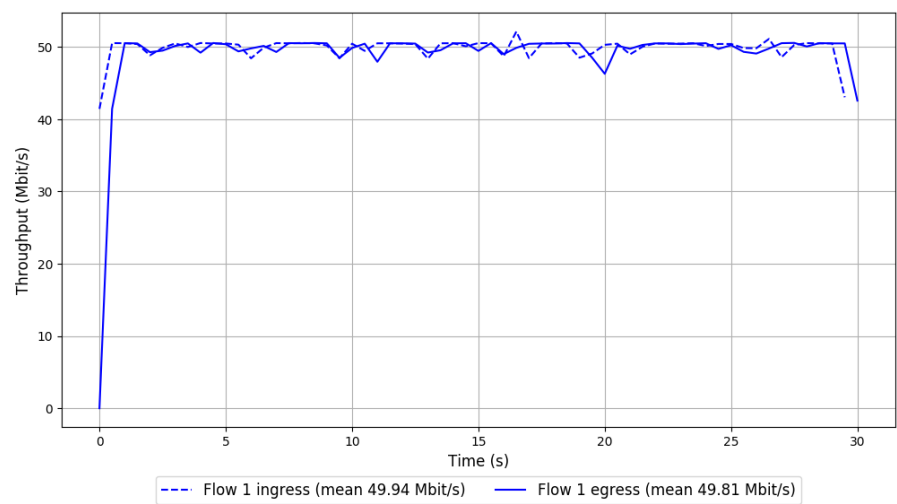
-- Flow 1:

Average throughput: 49.81 Mbit/s

95th percentile per-packet one-way delay: 4.071 ms

Loss rate: 0.26%

Run 3: Report of Sprout — Data Link

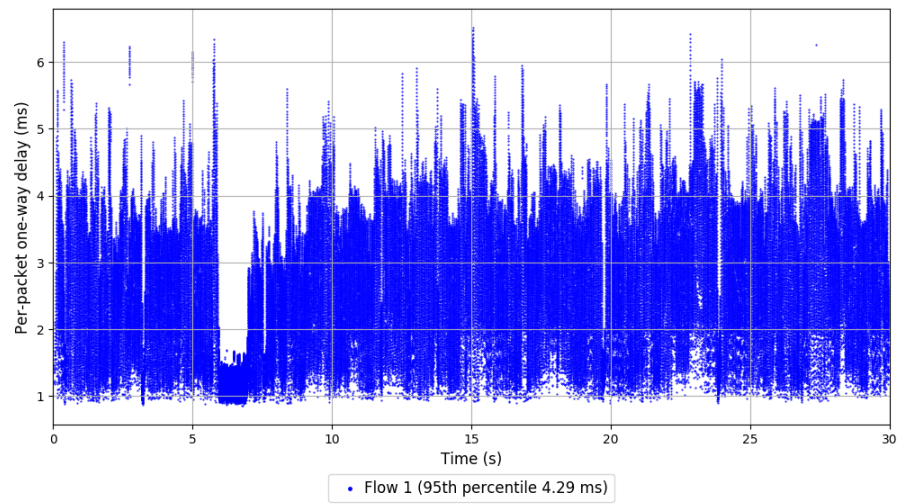
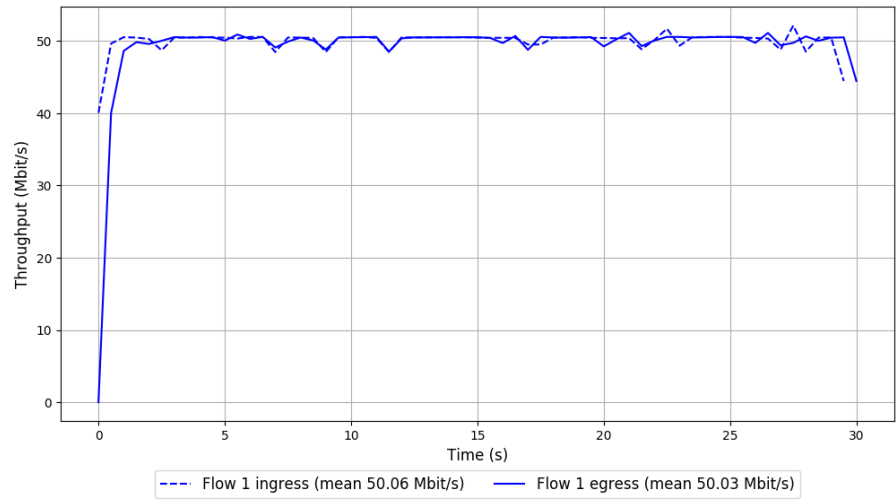


Run 4: Statistics of Sprout

Start at: 2019-02-19 21:33:01
End at: 2019-02-19 21:33:31
Local clock offset: -1.138 ms
Remote clock offset: -3.457 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.03 Mbit/s
95th percentile per-packet one-way delay: 4.293 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 50.03 Mbit/s
95th percentile per-packet one-way delay: 4.293 ms
Loss rate: 0.04%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-02-19 22:01:41

End at: 2019-02-19 22:02:11

Local clock offset: -0.662 ms

Remote clock offset: 0.587 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.03 Mbit/s

95th percentile per-packet one-way delay: 4.447 ms

Loss rate: 0.09%

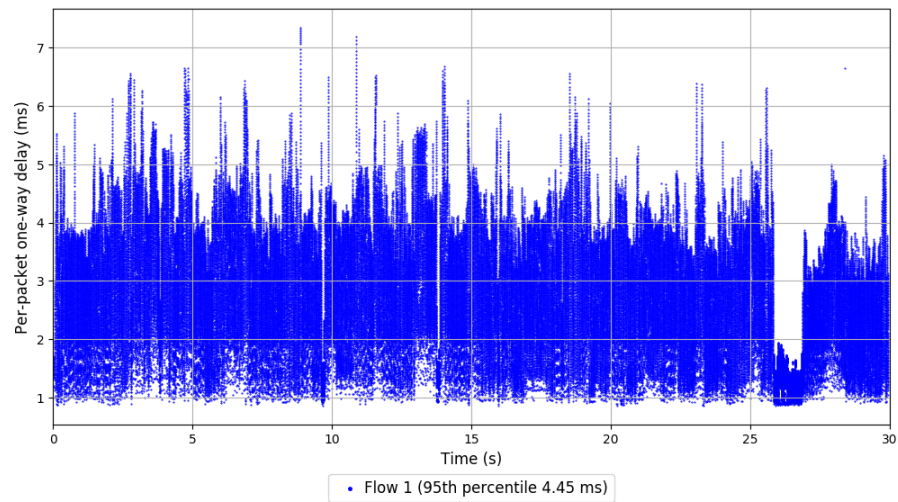
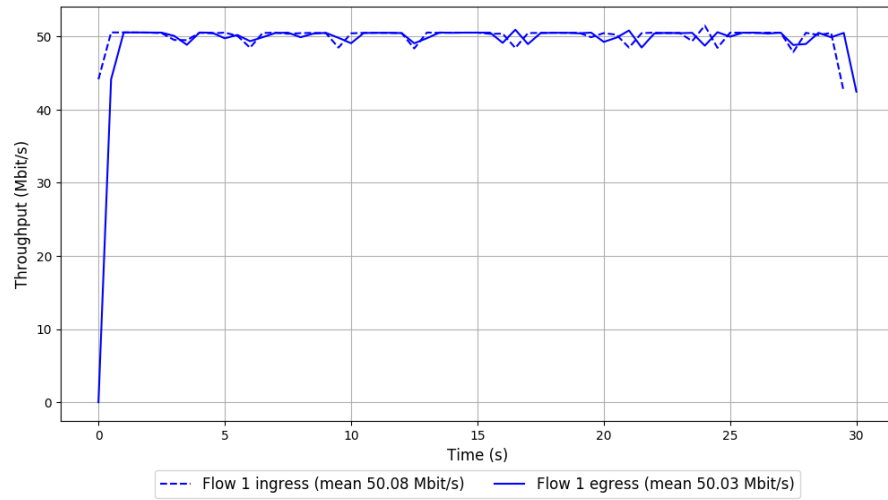
-- Flow 1:

Average throughput: 50.03 Mbit/s

95th percentile per-packet one-way delay: 4.447 ms

Loss rate: 0.09%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

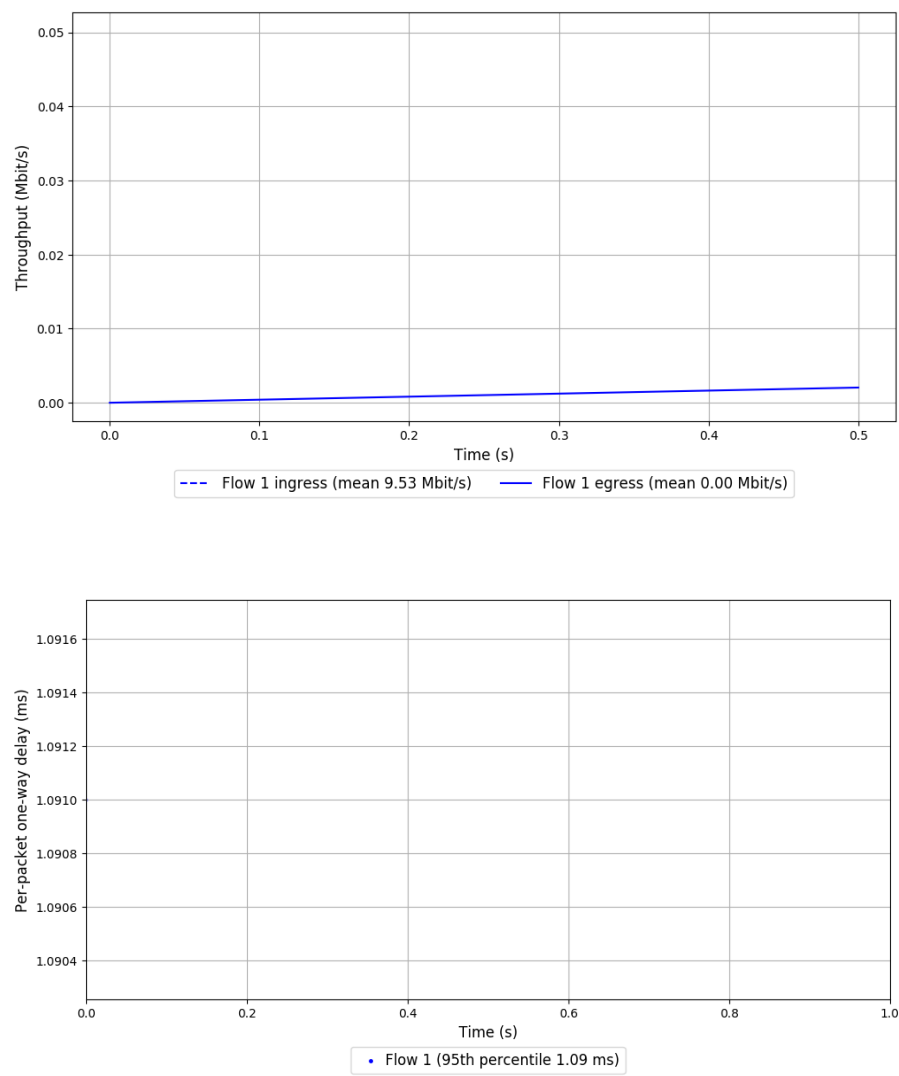
Start at: 2019-02-19 19:50:51

End at: 2019-02-19 19:51:21

Local clock offset: -7.324 ms

Remote clock offset: -3.313 ms

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



Run 2: Statistics of TaoVA-100x

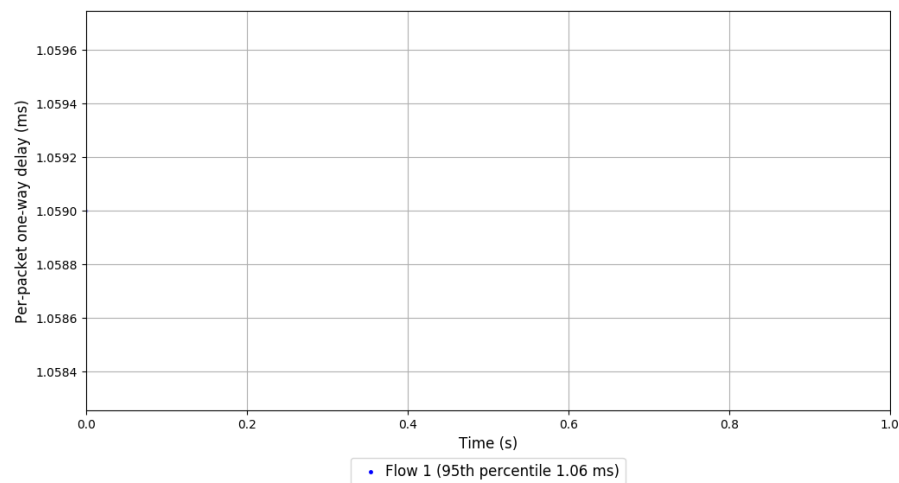
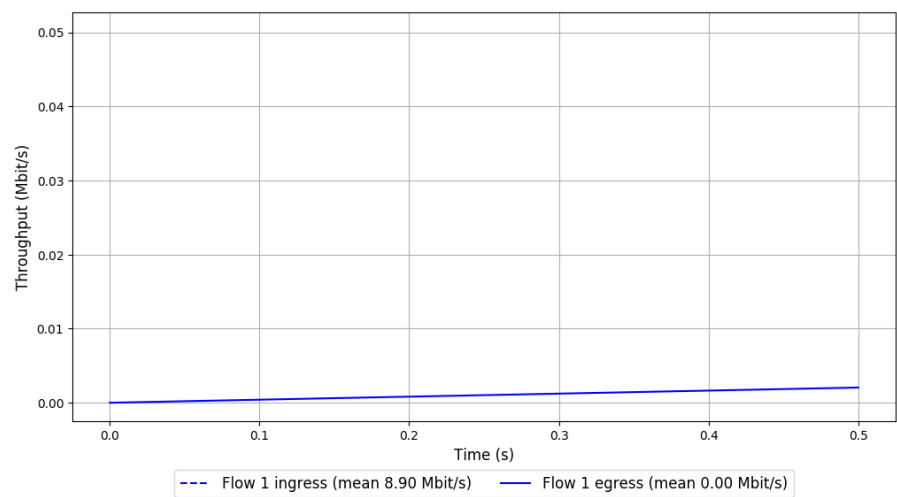
Start at: 2019-02-19 20:19:31

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

Local clock offset: -3.932 ms

Remote clock offset: 1.108 ms

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



Run 3: Statistics of TaoVA-100x

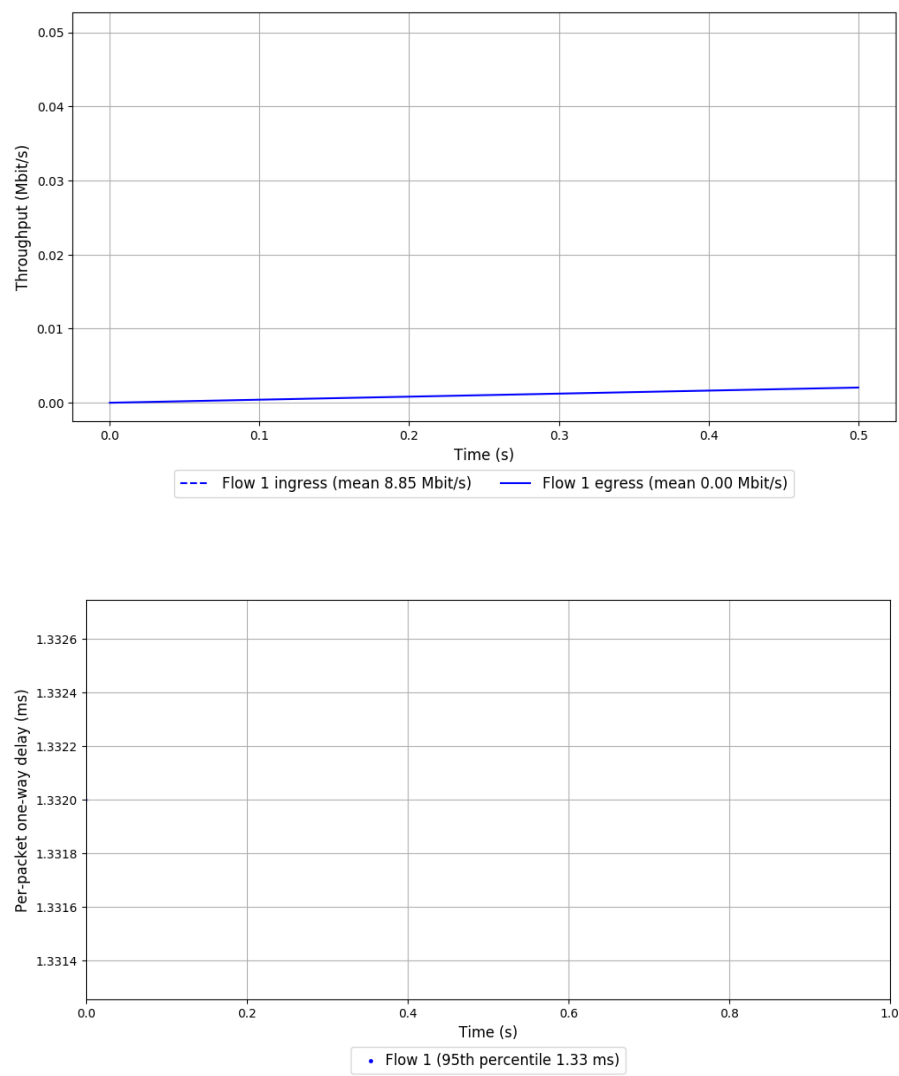
Start at: 2019-02-19 20:47:58

End at: 2019-02-19 20:48:28

Local clock offset: -2.173 ms

Remote clock offset: -3.31 ms

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



Run 4: Statistics of TaoVA-100x

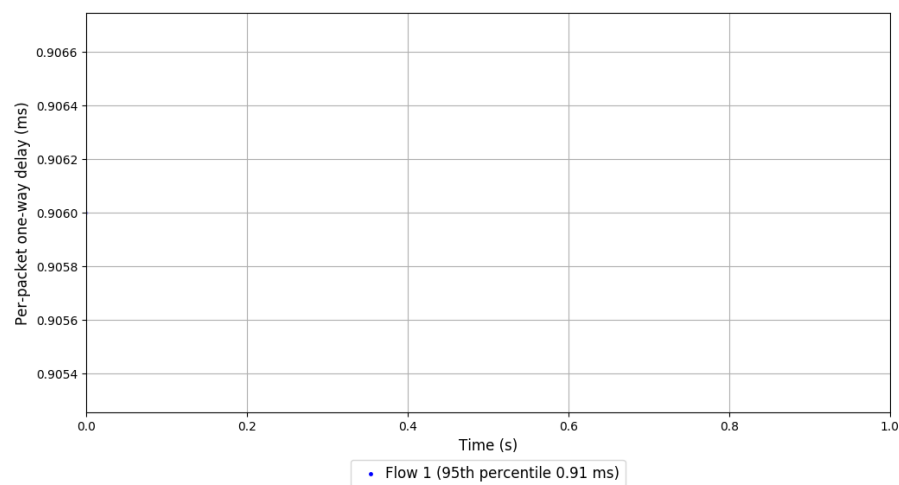
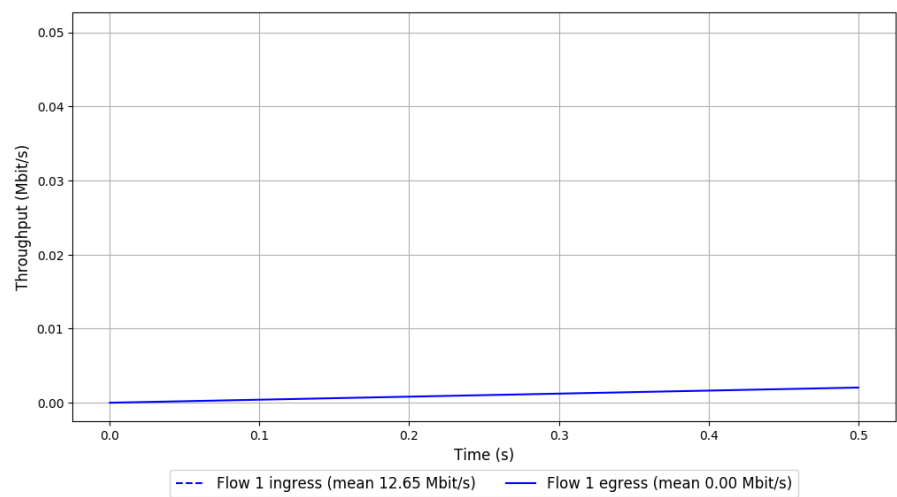
Start at: 2019-02-19 21:16:38

End at: 2019-02-19 21:17:08

Local clock offset: -1.188 ms

Remote clock offset: -3.336 ms

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



Run 5: Statistics of TaoVA-100x

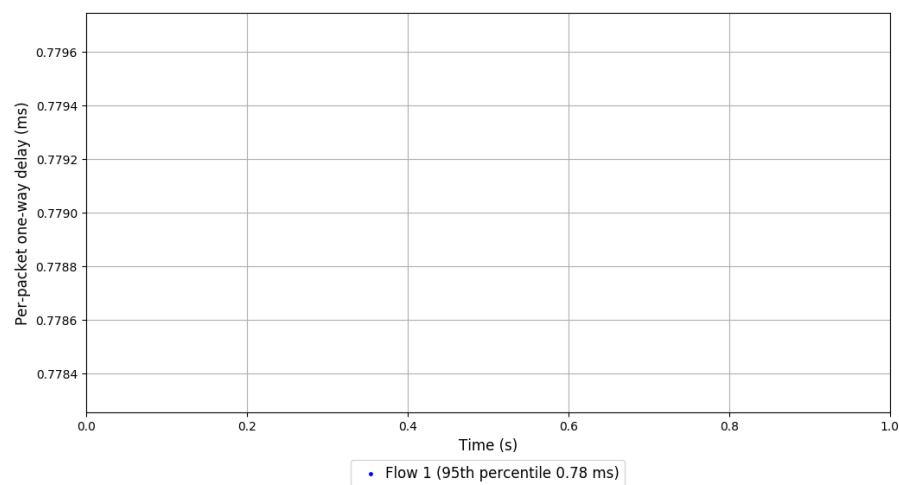
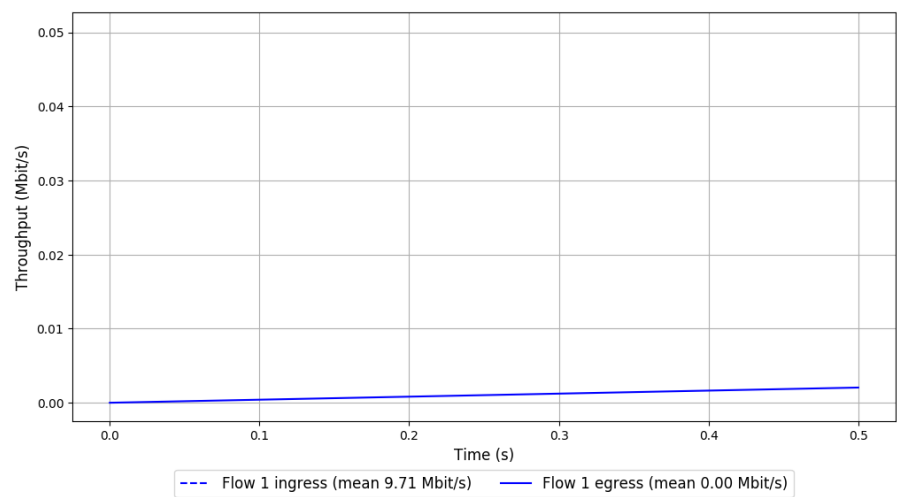
Start at: 2019-02-19 21:45:13

End at: 2019-02-19 21:45:43

Local clock offset: -0.534 ms

Remote clock offset: -1.032 ms

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



Run 1: Statistics of TCP Vegas

Start at: 2019-02-19 20:12:21

End at: 2019-02-19 20:12:51

Local clock offset: -4.083 ms

Remote clock offset: 0.621 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 245.92 Mbit/s

95th percentile per-packet one-way delay: 1.364 ms

Loss rate: 0.03%

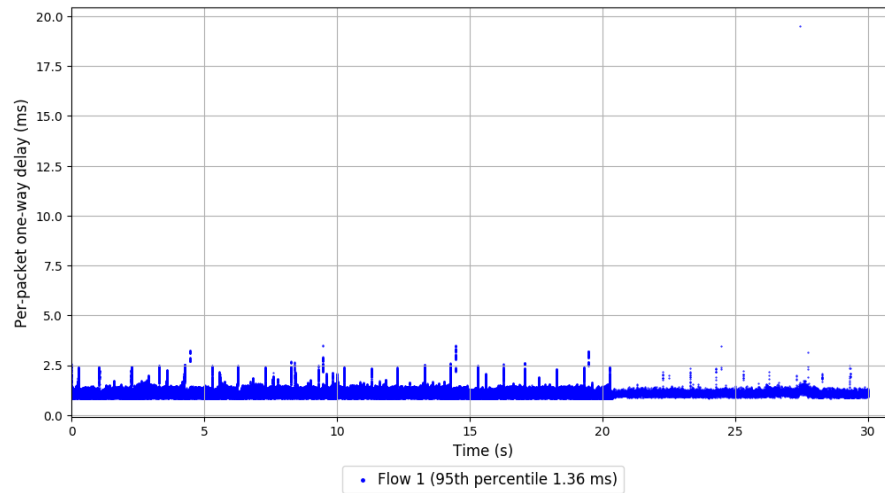
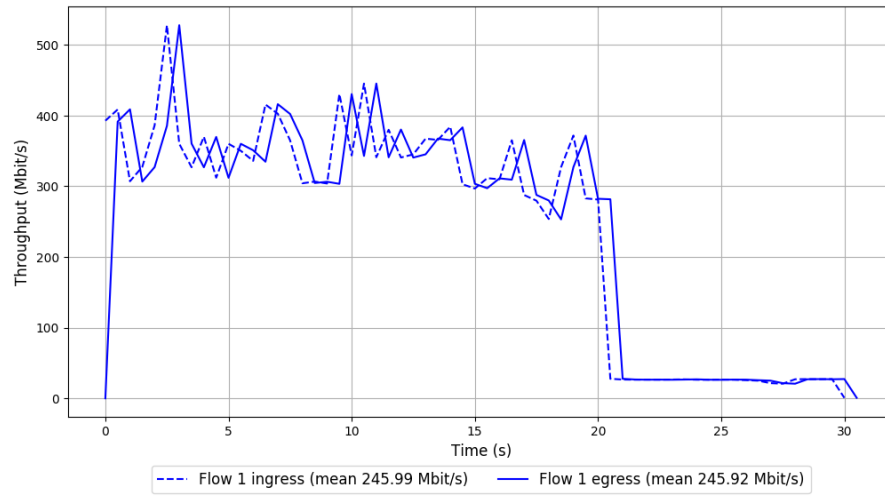
-- Flow 1:

Average throughput: 245.92 Mbit/s

95th percentile per-packet one-way delay: 1.364 ms

Loss rate: 0.03%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-02-19 20:40:59

End at: 2019-02-19 20:41:29

Local clock offset: -2.307 ms

Remote clock offset: -2.59 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.11 Mbit/s

95th percentile per-packet one-way delay: 1.400 ms

Loss rate: 0.02%

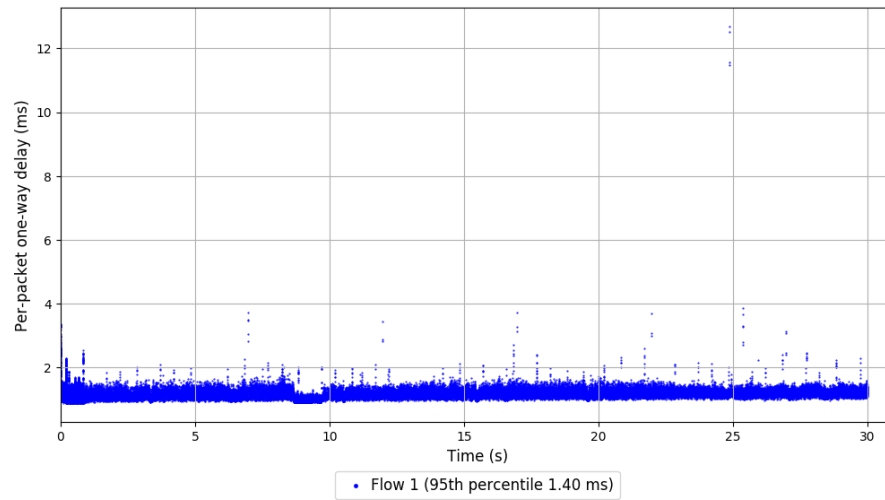
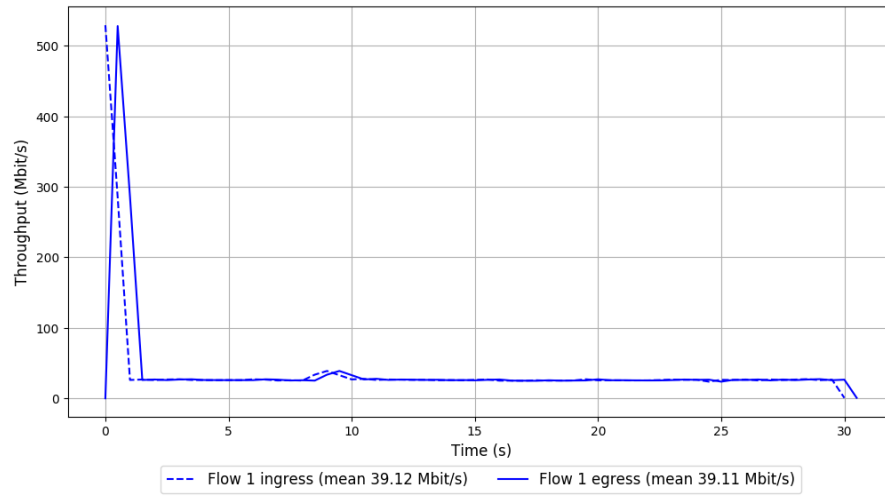
-- Flow 1:

Average throughput: 39.11 Mbit/s

95th percentile per-packet one-way delay: 1.400 ms

Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link

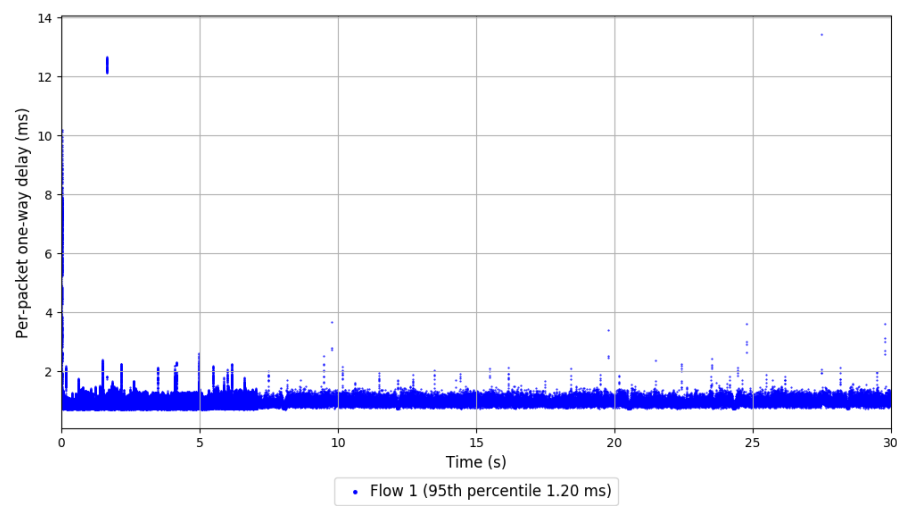
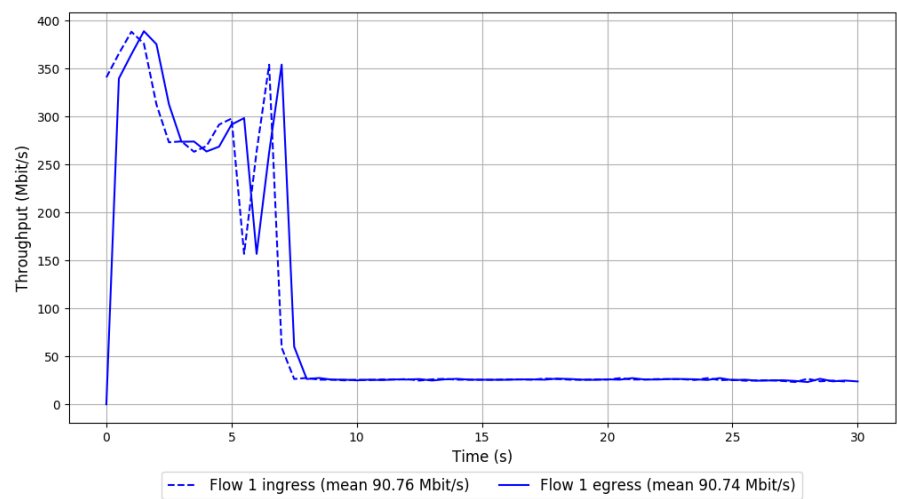


Run 3: Statistics of TCP Vegas

Start at: 2019-02-19 21:09:36
End at: 2019-02-19 21:10:06
Local clock offset: -1.367 ms
Remote clock offset: -3.641 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 1.196 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 1.196 ms
Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link

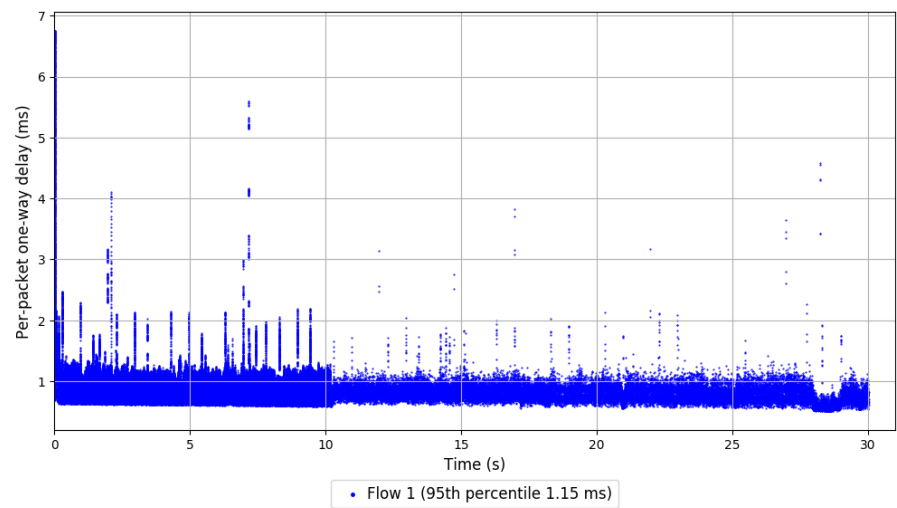
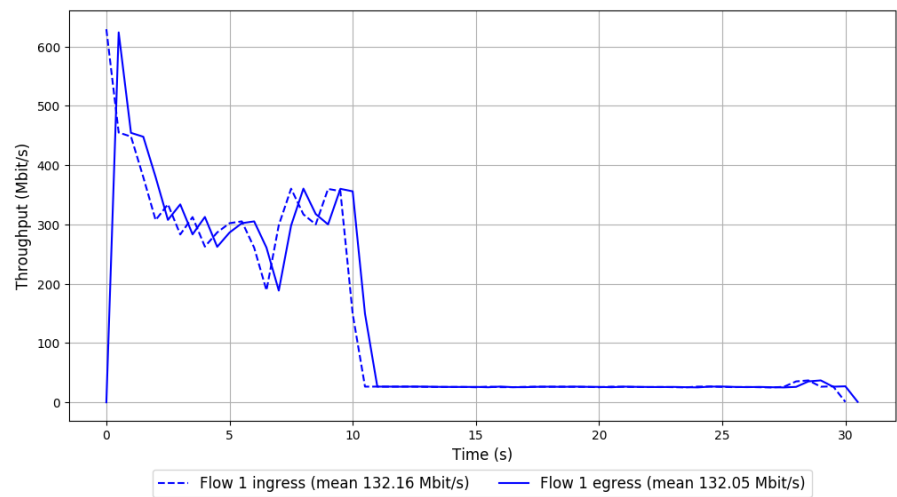


Run 4: Statistics of TCP Vegas

Start at: 2019-02-19 21:38:09
End at: 2019-02-19 21:38:39
Local clock offset: -0.709 ms
Remote clock offset: -2.657 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 132.05 Mbit/s
95th percentile per-packet one-way delay: 1.151 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 132.05 Mbit/s
95th percentile per-packet one-way delay: 1.151 ms
Loss rate: 0.08%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-02-19 22:06:57

End at: 2019-02-19 22:07:27

Local clock offset: -0.463 ms

Remote clock offset: 0.842 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 168.67 Mbit/s

95th percentile per-packet one-way delay: 1.323 ms

Loss rate: 0.03%

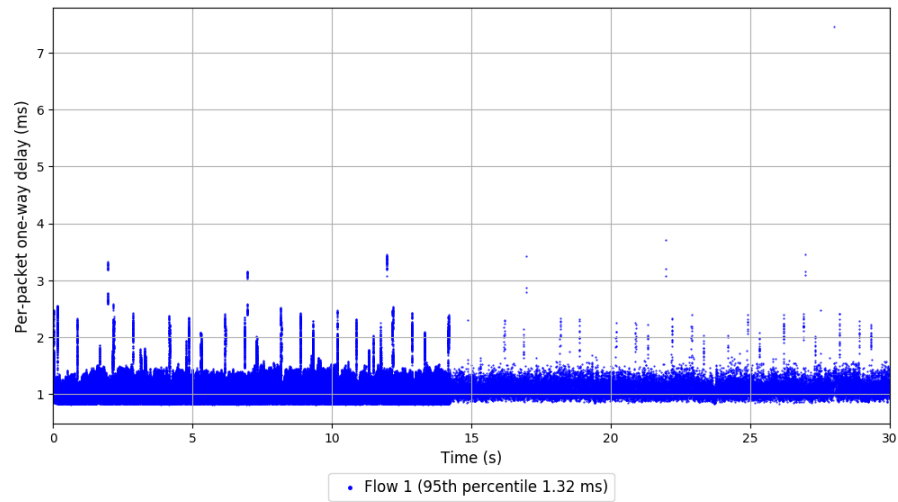
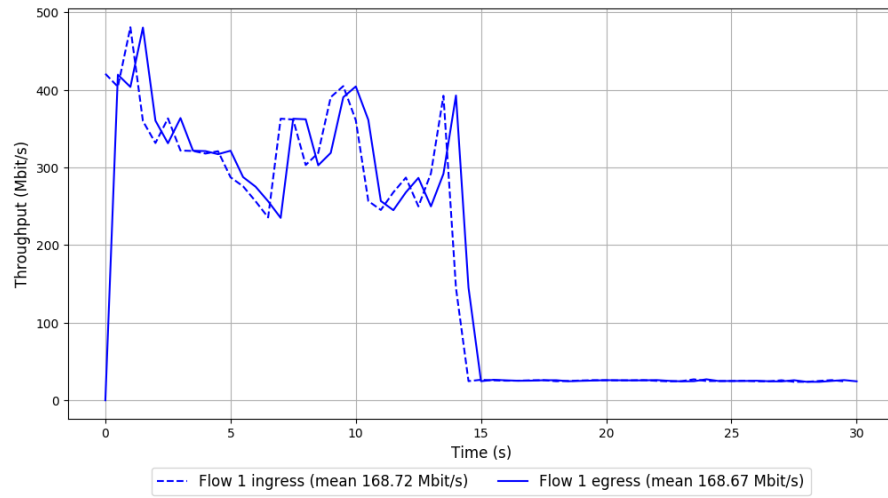
-- Flow 1:

Average throughput: 168.67 Mbit/s

95th percentile per-packet one-way delay: 1.323 ms

Loss rate: 0.03%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-02-19 20:09:48

End at: 2019-02-19 20:10:18

Local clock offset: -4.466 ms

Remote clock offset: 0.33 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 175.72 Mbit/s

95th percentile per-packet one-way delay: 6.604 ms

Loss rate: 0.90%

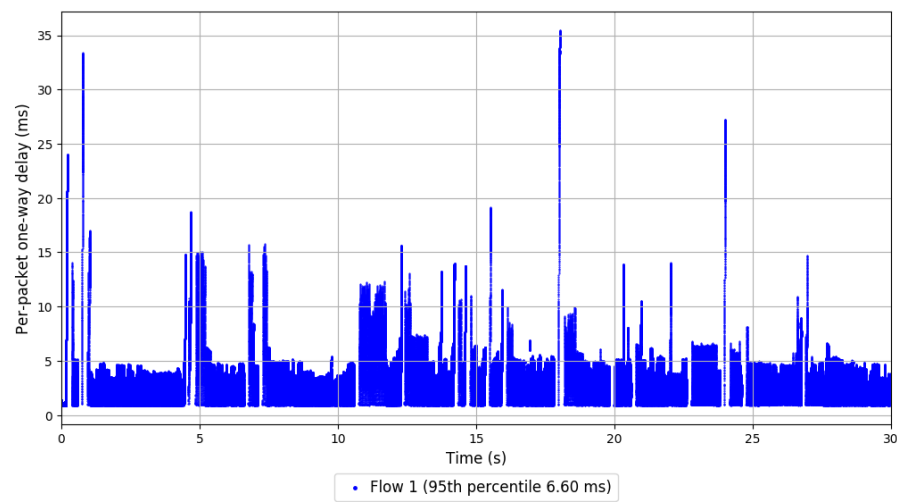
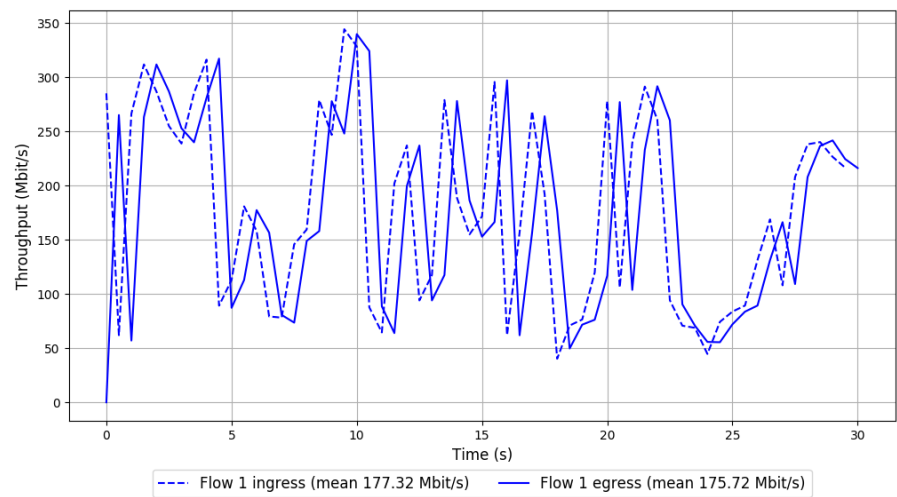
-- Flow 1:

Average throughput: 175.72 Mbit/s

95th percentile per-packet one-way delay: 6.604 ms

Loss rate: 0.90%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-02-19 20:38:24

End at: 2019-02-19 20:38:54

Local clock offset: -2.59 ms

Remote clock offset: -2.17 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 200.17 Mbit/s

95th percentile per-packet one-way delay: 8.668 ms

Loss rate: 1.46%

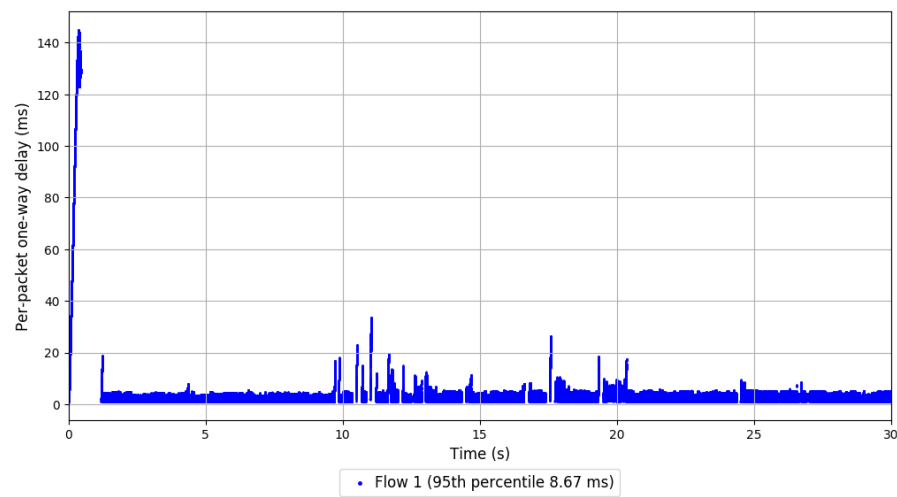
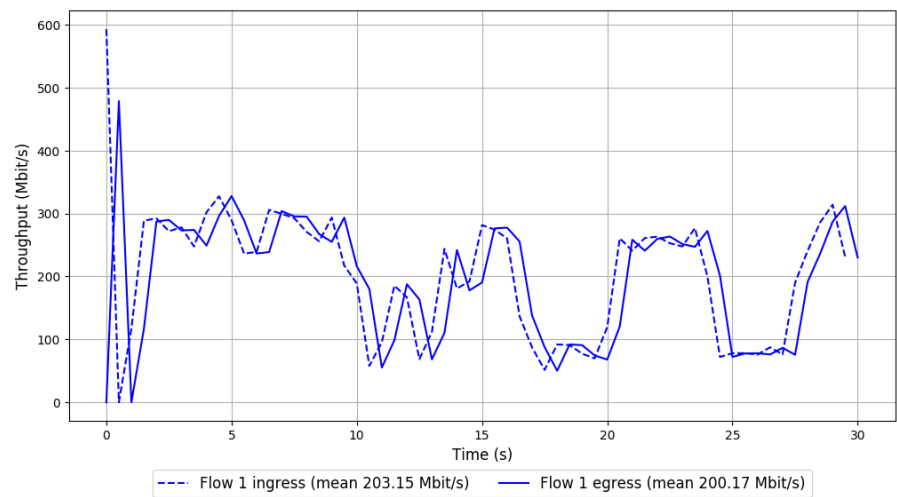
-- Flow 1:

Average throughput: 200.17 Mbit/s

95th percentile per-packet one-way delay: 8.668 ms

Loss rate: 1.46%

Run 2: Report of Verus — Data Link

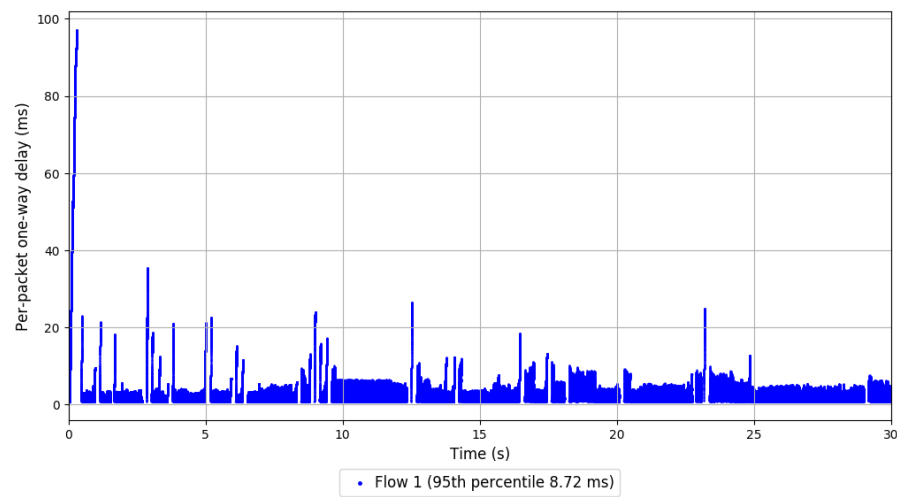
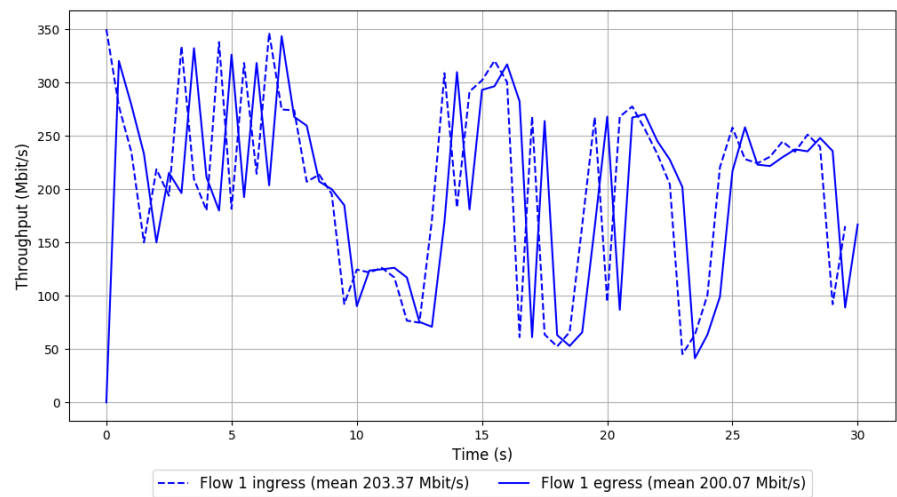


Run 3: Statistics of Verus

Start at: 2019-02-19 21:07:01
End at: 2019-02-19 21:07:31
Local clock offset: -1.588 ms
Remote clock offset: -3.696 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 200.07 Mbit/s
95th percentile per-packet one-way delay: 8.724 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 200.07 Mbit/s
95th percentile per-packet one-way delay: 8.724 ms
Loss rate: 1.62%

Run 3: Report of Verus — Data Link

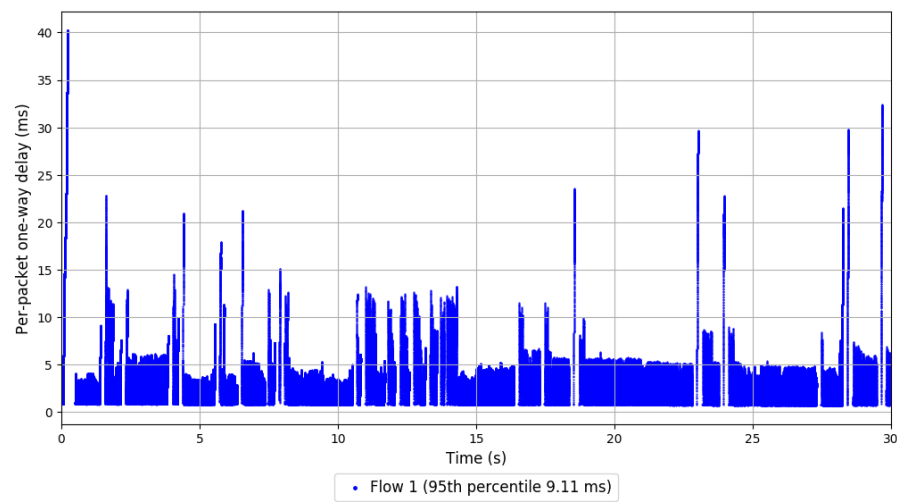
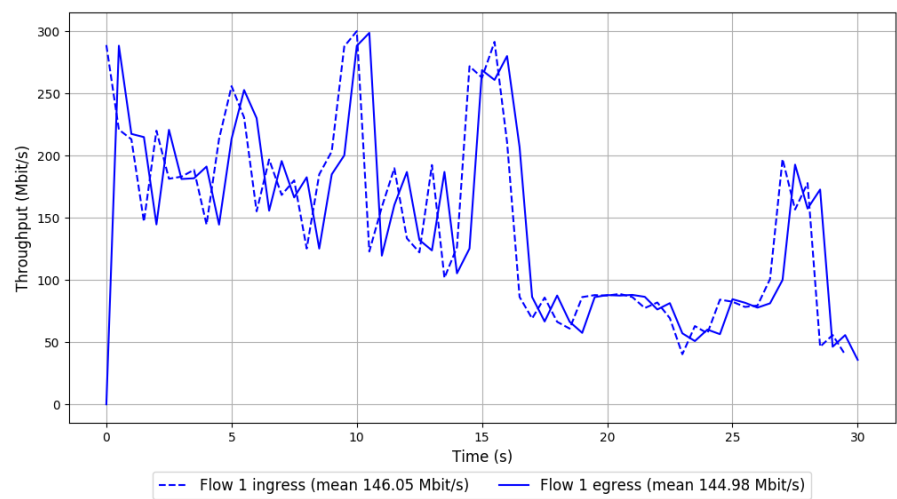


Run 4: Statistics of Verus

Start at: 2019-02-19 21:35:37
End at: 2019-02-19 21:36:07
Local clock offset: -0.917 ms
Remote clock offset: -3.437 ms

Below is generated by plot.py at 2019-02-19 22:59:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 144.98 Mbit/s
95th percentile per-packet one-way delay: 9.106 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 144.98 Mbit/s
95th percentile per-packet one-way delay: 9.106 ms
Loss rate: 0.72%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-02-19 22:04:24

End at: 2019-02-19 22:04:54

Local clock offset: -0.551 ms

Remote clock offset: 0.688 ms

Below is generated by plot.py at 2019-02-19 22:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 173.64 Mbit/s

95th percentile per-packet one-way delay: 12.023 ms

Loss rate: 1.69%

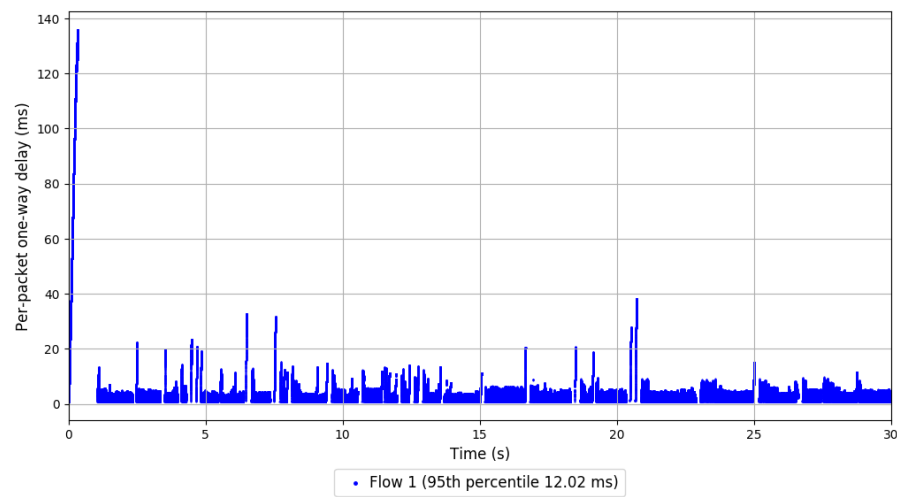
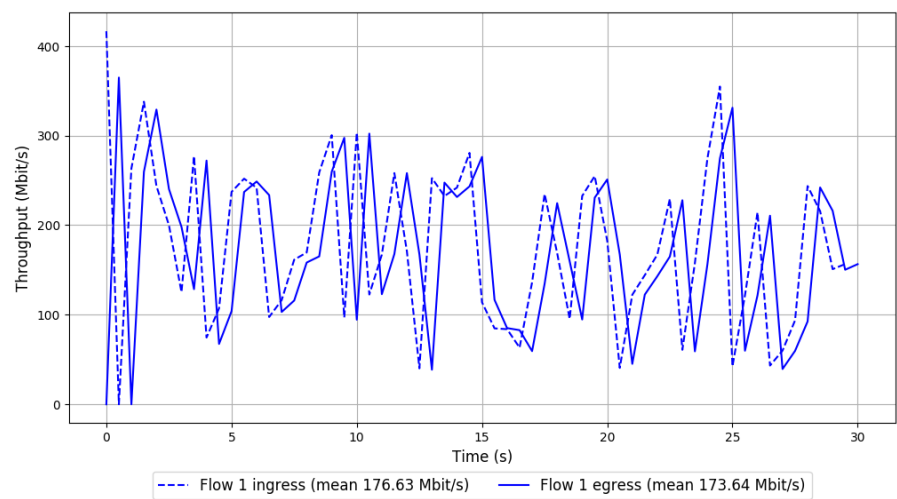
-- Flow 1:

Average throughput: 173.64 Mbit/s

95th percentile per-packet one-way delay: 12.023 ms

Loss rate: 1.69%

Run 5: Report of Verus — Data Link

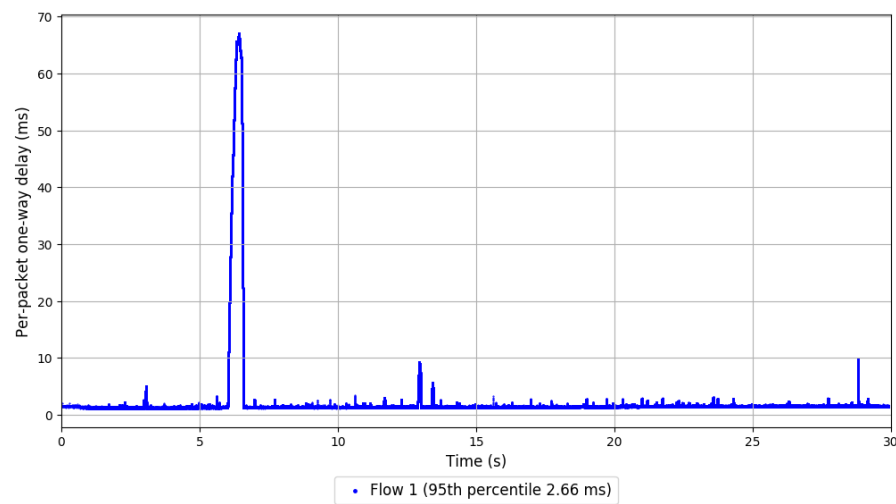
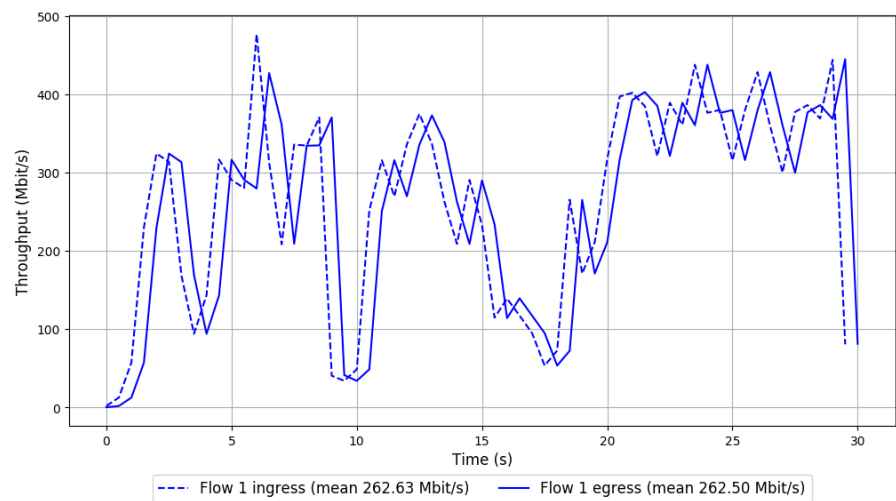


Run 1: Statistics of PCC-Vivace

Start at: 2019-02-19 20:00:14
End at: 2019-02-19 20:00:44
Local clock offset: -9.214 ms
Remote clock offset: -1.177 ms

Below is generated by plot.py at 2019-02-19 23:00:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 262.50 Mbit/s
95th percentile per-packet one-way delay: 2.664 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 262.50 Mbit/s
95th percentile per-packet one-way delay: 2.664 ms
Loss rate: 0.05%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-02-19 20:28:58

End at: 2019-02-19 20:29:28

Local clock offset: -4.827 ms

Remote clock offset: 0.753 ms

Below is generated by plot.py at 2019-02-19 23:00:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 227.22 Mbit/s

95th percentile per-packet one-way delay: 9.571 ms

Loss rate: 0.11%

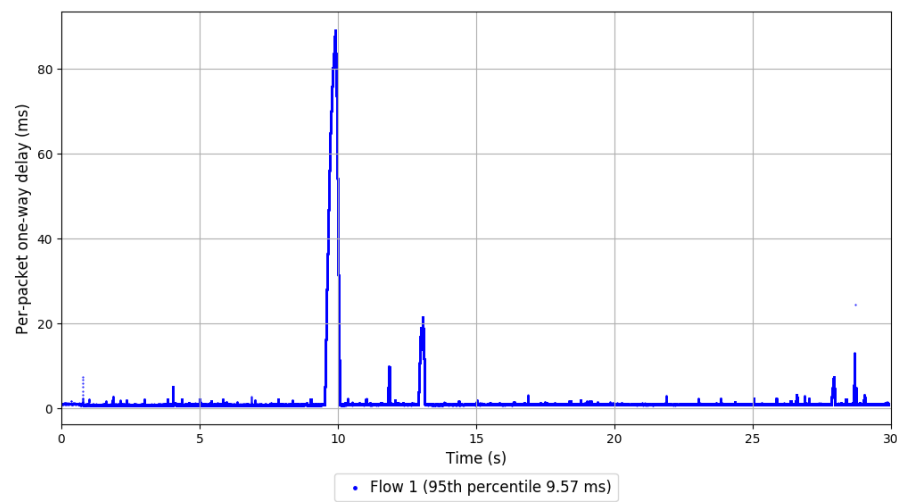
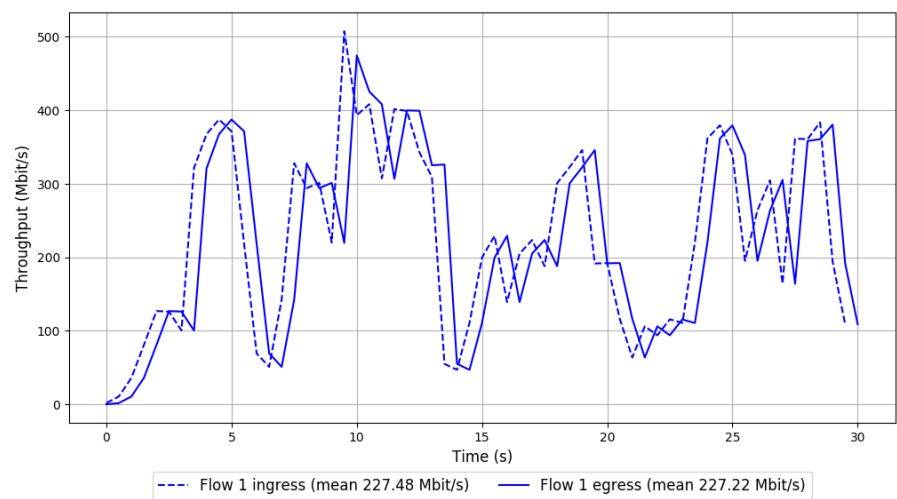
-- Flow 1:

Average throughput: 227.22 Mbit/s

95th percentile per-packet one-way delay: 9.571 ms

Loss rate: 0.11%

Run 2: Report of PCC-Vivace — Data Link

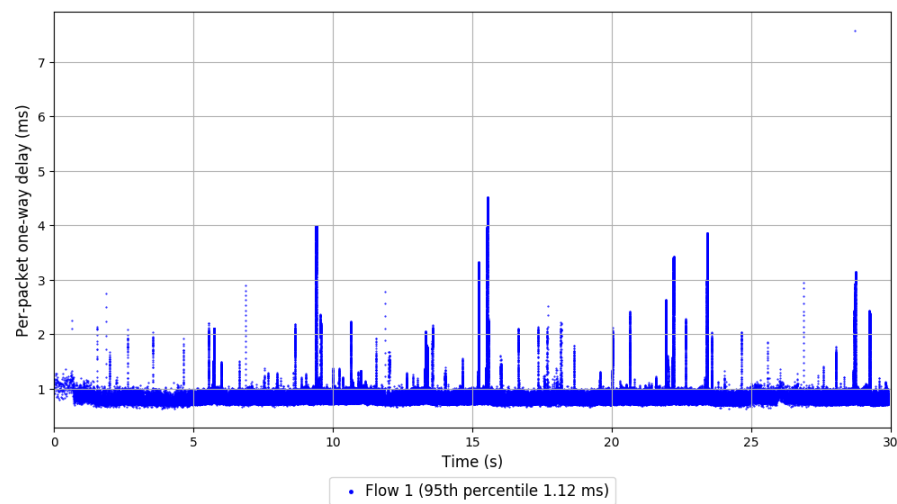
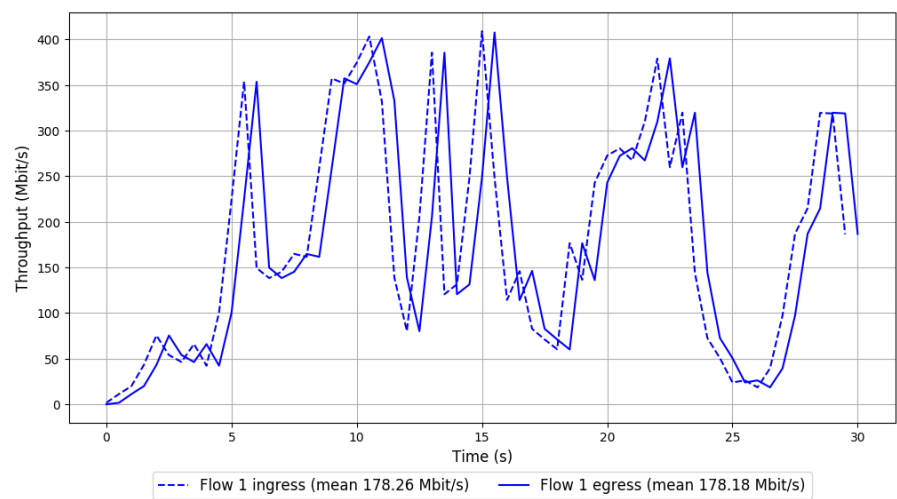


Run 3: Statistics of PCC-Vivace

Start at: 2019-02-19 20:57:34
End at: 2019-02-19 20:58:04
Local clock offset: -2.571 ms
Remote clock offset: -3.939 ms

Below is generated by plot.py at 2019-02-19 23:00:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 178.18 Mbit/s
95th percentile per-packet one-way delay: 1.124 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 178.18 Mbit/s
95th percentile per-packet one-way delay: 1.124 ms
Loss rate: 0.04%

Run 3: Report of PCC-Vivace — Data Link

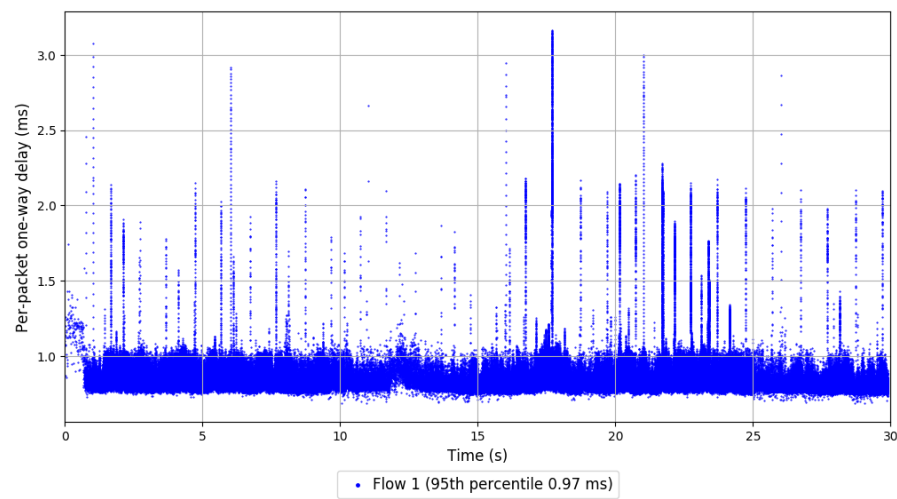
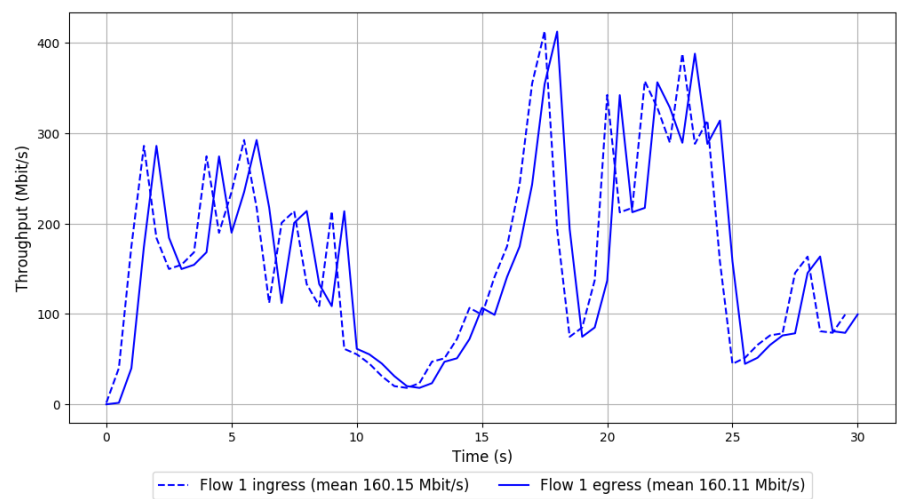


Run 4: Statistics of PCC-Vivace

Start at: 2019-02-19 21:26:10
End at: 2019-02-19 21:26:40
Local clock offset: -1.354 ms
Remote clock offset: -3.355 ms

Below is generated by plot.py at 2019-02-19 23:00:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 160.11 Mbit/s
95th percentile per-packet one-way delay: 0.975 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 160.11 Mbit/s
95th percentile per-packet one-way delay: 0.975 ms
Loss rate: 0.02%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-02-19 21:54:49

End at: 2019-02-19 21:55:19

Local clock offset: -0.623 ms

Remote clock offset: 0.15 ms

Below is generated by plot.py at 2019-02-19 23:00:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 199.06 Mbit/s

95th percentile per-packet one-way delay: 1.248 ms

Loss rate: 0.02%

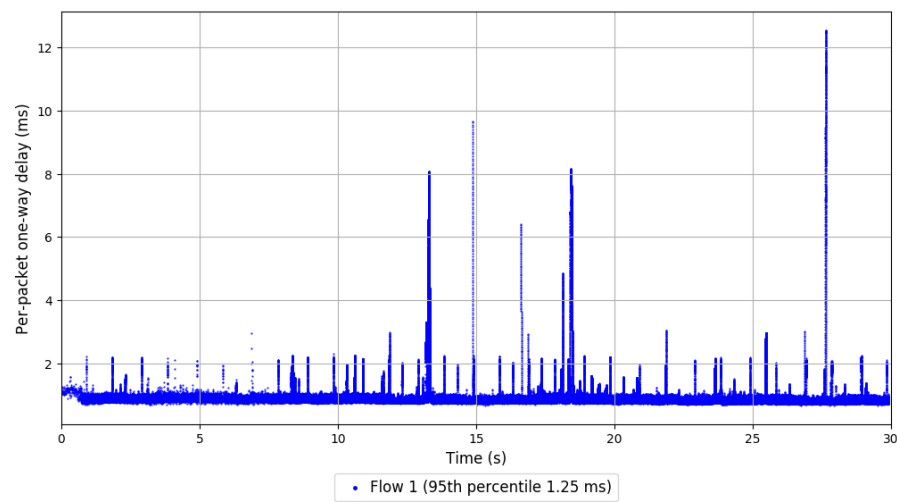
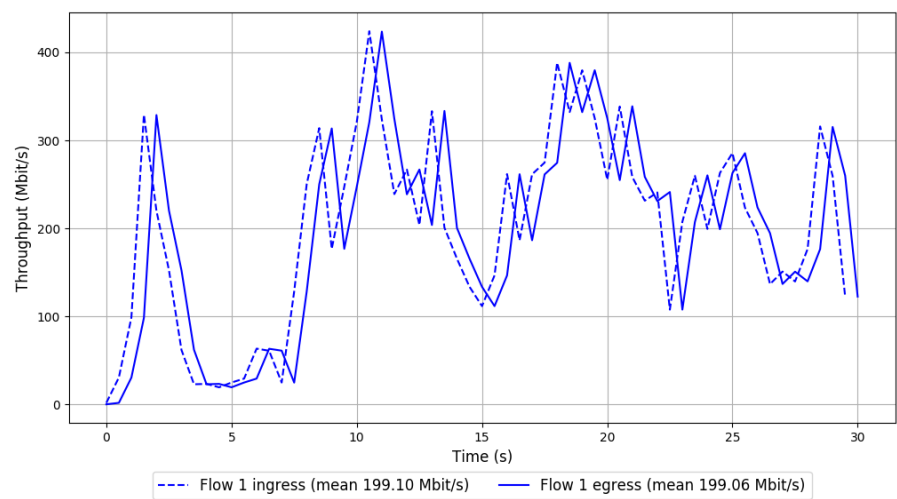
-- Flow 1:

Average throughput: 199.06 Mbit/s

95th percentile per-packet one-way delay: 1.248 ms

Loss rate: 0.02%

Run 5: Report of PCC-Vivace — Data Link

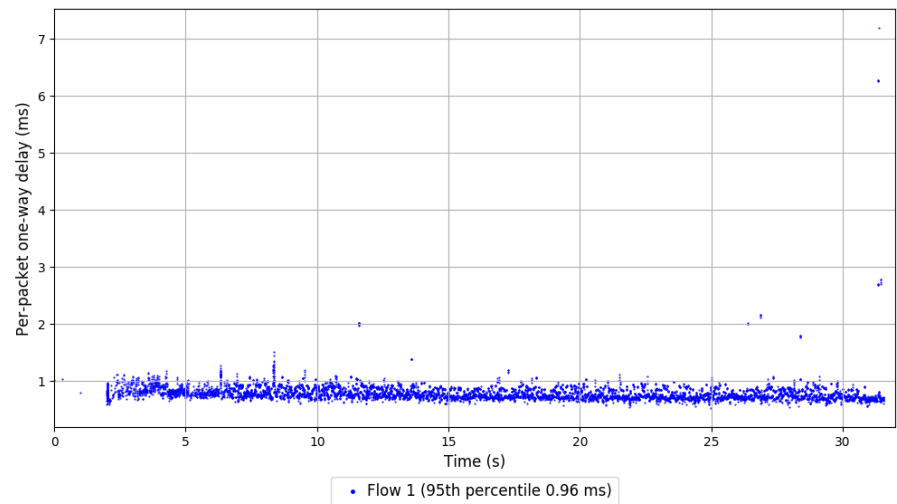
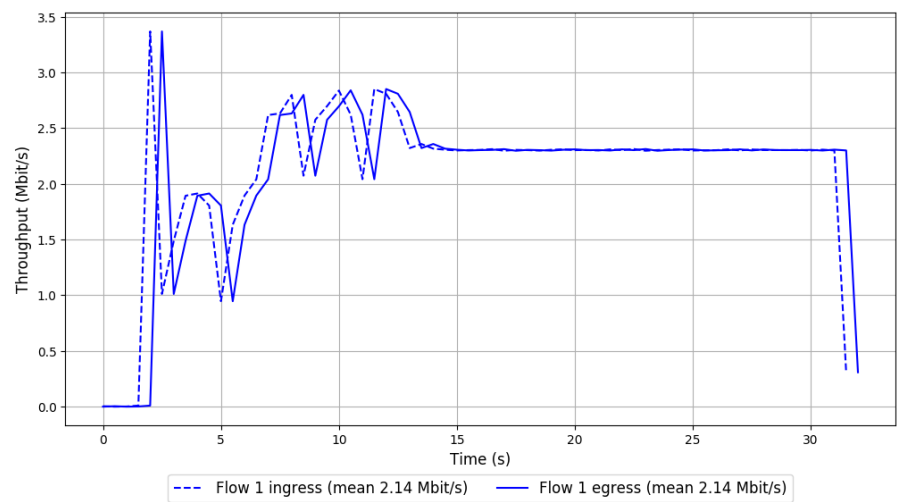


Run 1: Statistics of WebRTC media

Start at: 2019-02-19 19:49:38
End at: 2019-02-19 19:50:08
Local clock offset: -7.185 ms
Remote clock offset: -3.426 ms

Below is generated by plot.py at 2019-02-19 23:00:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 0.959 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 0.959 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

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

End at: 2019-02-19 20:18:48

Local clock offset: -3.897 ms

Remote clock offset: 1.134 ms

Below is generated by plot.py at 2019-02-19 23:00:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.787 ms

Loss rate: 0.00%

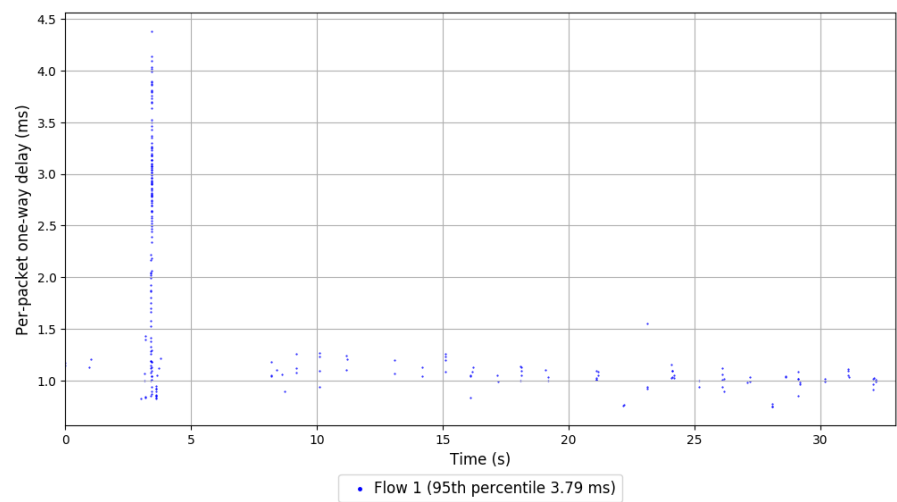
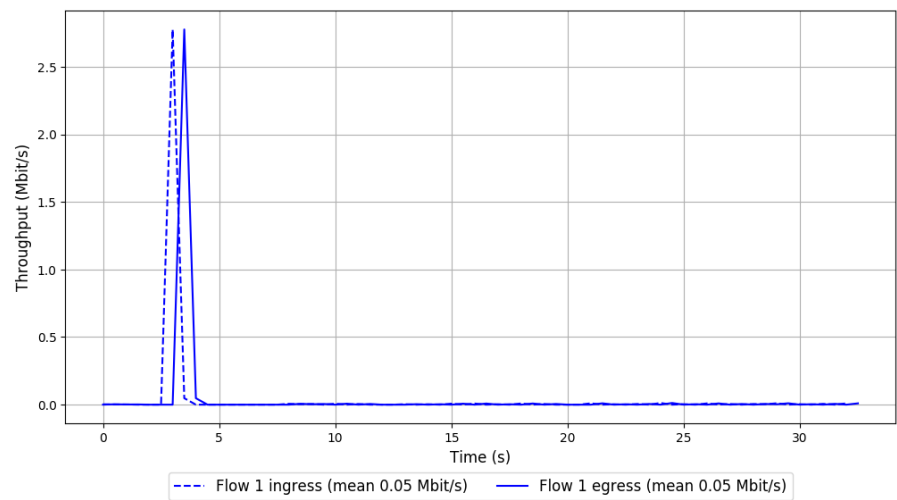
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.787 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

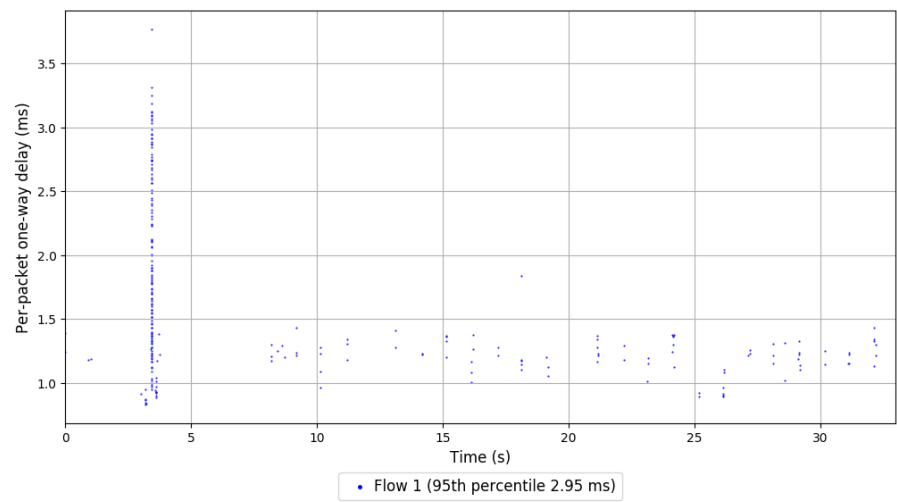
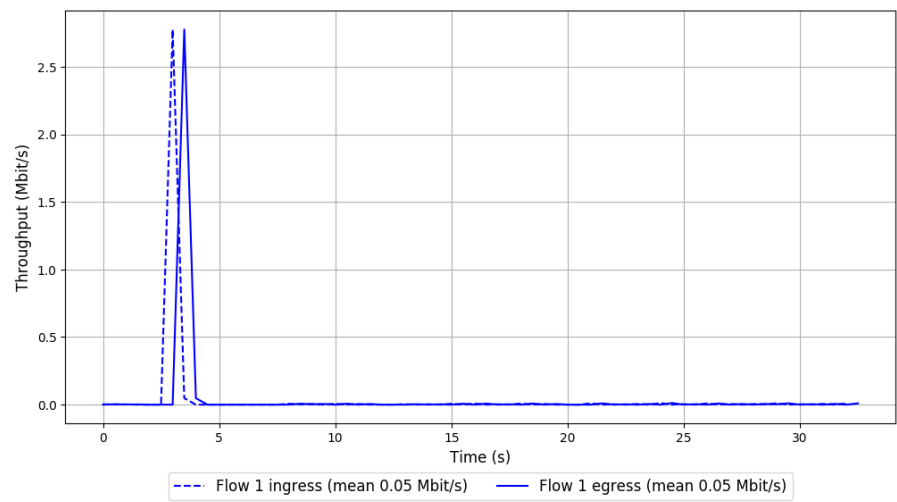


Run 3: Statistics of WebRTC media

Start at: 2019-02-19 20:46:45
End at: 2019-02-19 20:47:15
Local clock offset: -2.129 ms
Remote clock offset: -3.208 ms

Below is generated by plot.py at 2019-02-19 23:00:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.953 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.953 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

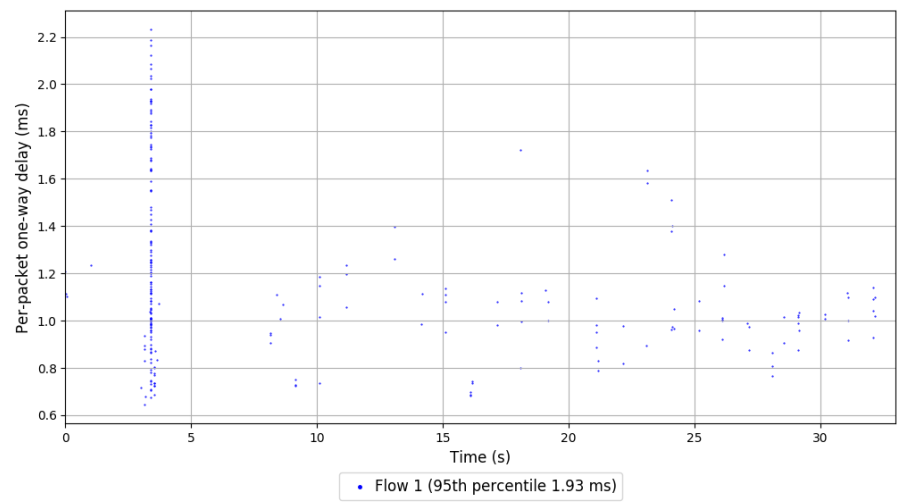
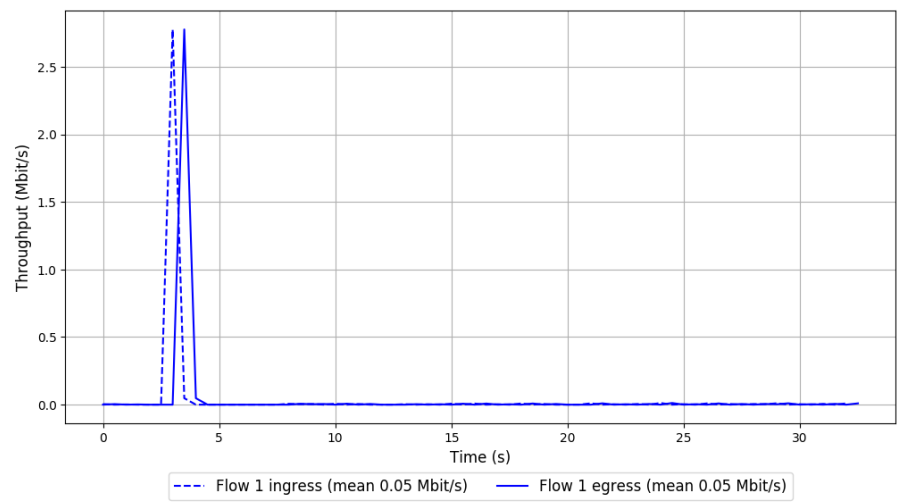


Run 4: Statistics of WebRTC media

Start at: 2019-02-19 21:15:25
End at: 2019-02-19 21:15:55
Local clock offset: -1.192 ms
Remote clock offset: -3.476 ms

Below is generated by plot.py at 2019-02-19 23:00:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.928 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-02-19 21:44:00
End at: 2019-02-19 21:44:30
Local clock offset: -0.56 ms
Remote clock offset: -1.231 ms

Below is generated by plot.py at 2019-02-19 23:00:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.310 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.310 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

