

Pantheon Report

Generated at 2019-02-05 04:37:40 (UTC).

Data path: AWS Brazil 2 on `ens5` (*local*) → Colombia on `p4p1` (*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 `gps.ntp.br` and have been applied to correct the timestamps in logs.

System info:

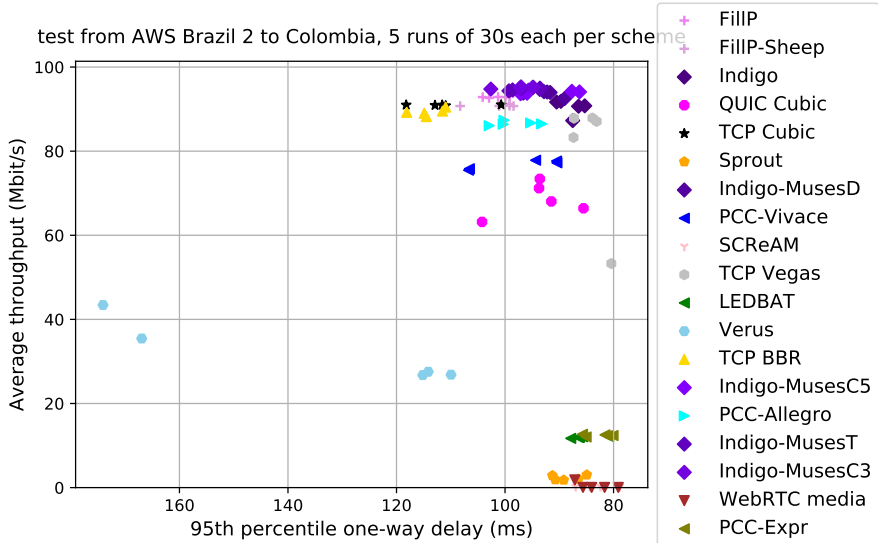
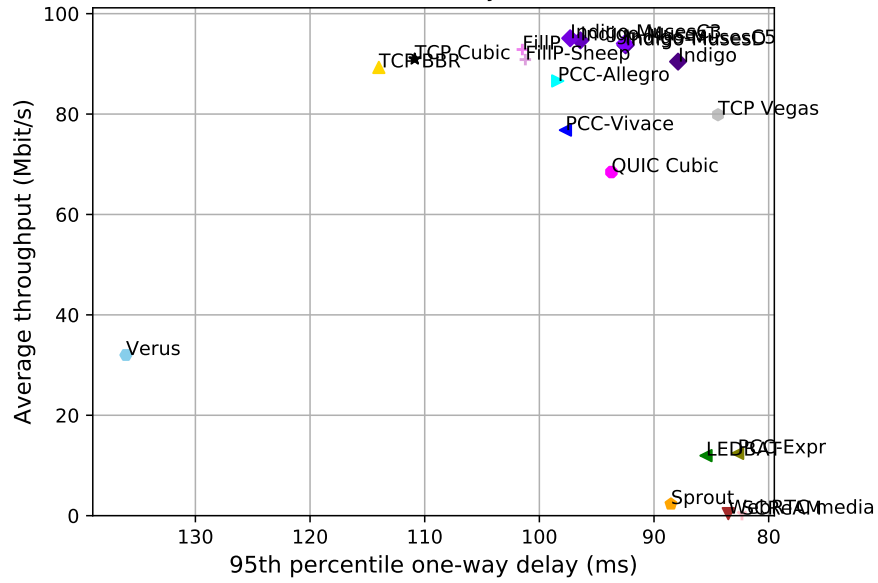
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

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 Brazil 2 to Colombia, 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	89.29	114.00	3.34
Copa	0	N/A	N/A	N/A
TCP Cubic	5	90.95	110.87	0.55
FillP	5	92.86	101.48	1.02
FillP-Sheep	5	90.84	101.22	1.26
Indigo	5	90.45	87.90	0.87
Indigo-MusesC3	5	95.10	97.31	0.28
Indigo-MusesC5	5	94.05	92.55	0.07
Indigo-MusesD	5	93.69	92.48	0.19
Indigo-MusesT	5	94.68	96.42	1.38
LEDBAT	5	11.96	85.47	0.00
PCC-Allegro	5	86.60	98.40	1.48
PCC-Expr	5	12.41	82.71	50.12
QUIC Cubic	5	68.45	93.72	0.37
SCReAM	5	0.22	82.33	0.00
Sprout	5	2.32	88.53	0.00
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	79.86	84.42	0.59
Verus	5	32.00	136.06	38.94
PCC-Vivace	5	76.80	97.73	0.09
WebRTC media	5	0.41	83.52	0.01

Run 1: Statistics of TCP BBR

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

End at: 2019-02-05 02:33:32

Local clock offset: -2.139 ms

Remote clock offset: 8.047 ms

Below is generated by plot.py at 2019-02-05 04:29:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.24 Mbit/s

95th percentile per-packet one-way delay: 118.122 ms

Loss rate: 3.55%

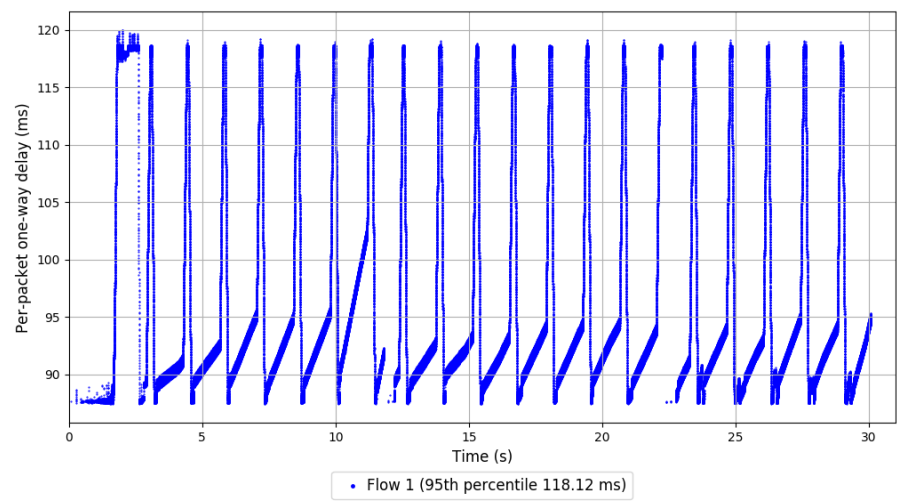
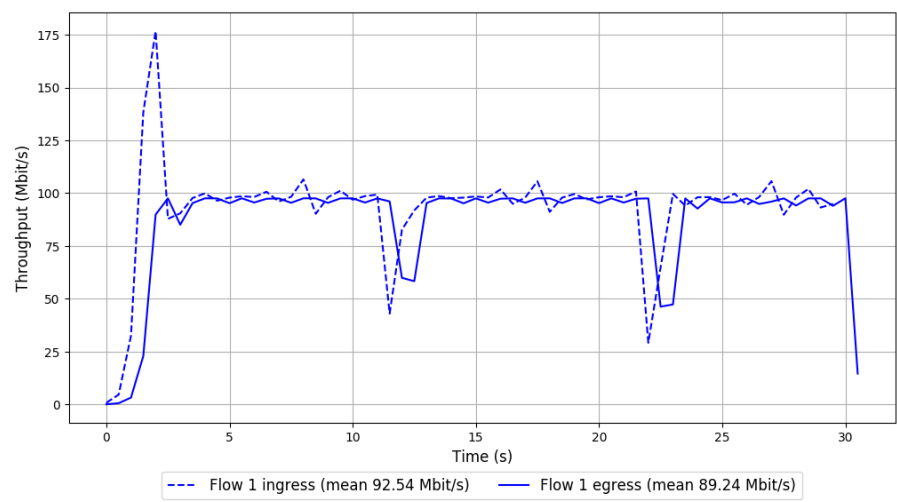
-- Flow 1:

Average throughput: 89.24 Mbit/s

95th percentile per-packet one-way delay: 118.122 ms

Loss rate: 3.55%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-02-05 02:57:44

End at: 2019-02-05 02:58:14

Local clock offset: -6.059 ms

Remote clock offset: 2.458 ms

Below is generated by plot.py at 2019-02-05 04:29:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.47 Mbit/s

95th percentile per-packet one-way delay: 110.945 ms

Loss rate: 3.44%

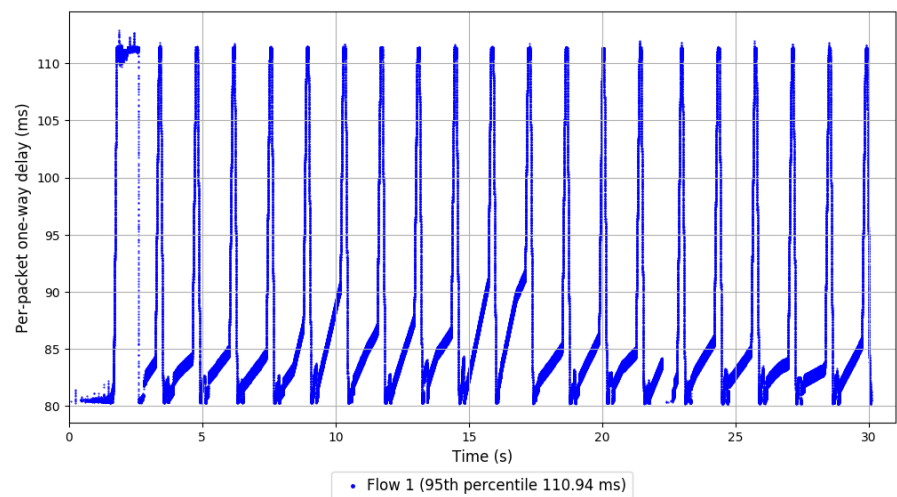
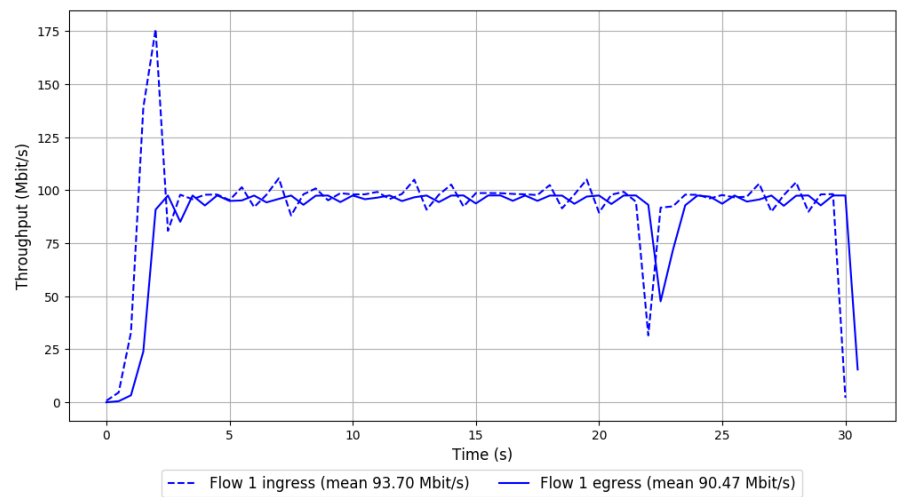
-- Flow 1:

Average throughput: 90.47 Mbit/s

95th percentile per-packet one-way delay: 110.945 ms

Loss rate: 3.44%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-02-05 03:22:24

End at: 2019-02-05 03:22:54

Local clock offset: -5.597 ms

Remote clock offset: 3.423 ms

Below is generated by plot.py at 2019-02-05 04:29:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.53 Mbit/s

95th percentile per-packet one-way delay: 111.527 ms

Loss rate: 3.25%

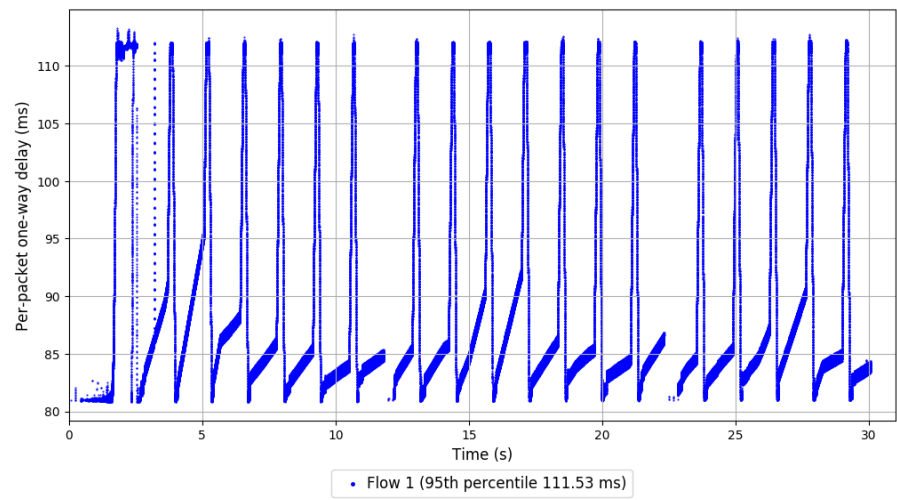
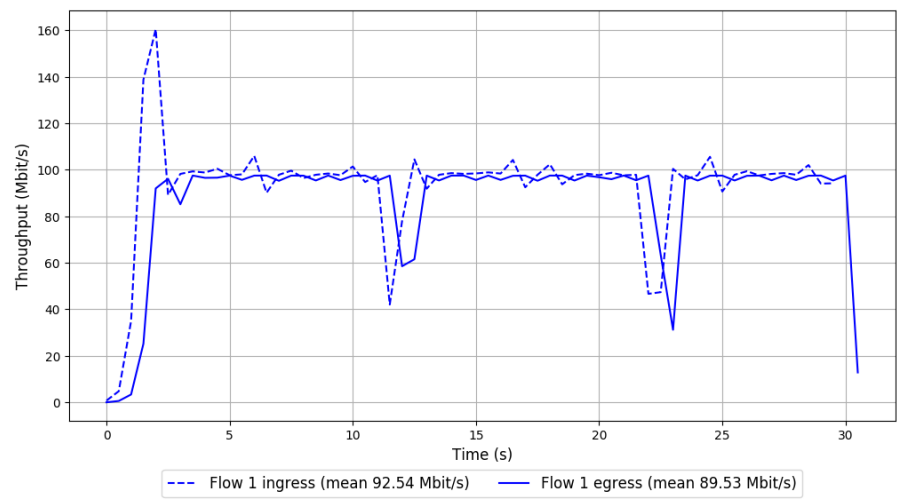
-- Flow 1:

Average throughput: 89.53 Mbit/s

95th percentile per-packet one-way delay: 111.527 ms

Loss rate: 3.25%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-02-05 03:47:09

End at: 2019-02-05 03:47:39

Local clock offset: -2.248 ms

Remote clock offset: 7.66 ms

Below is generated by plot.py at 2019-02-05 04:29:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.22 Mbit/s

95th percentile per-packet one-way delay: 114.506 ms

Loss rate: 3.19%

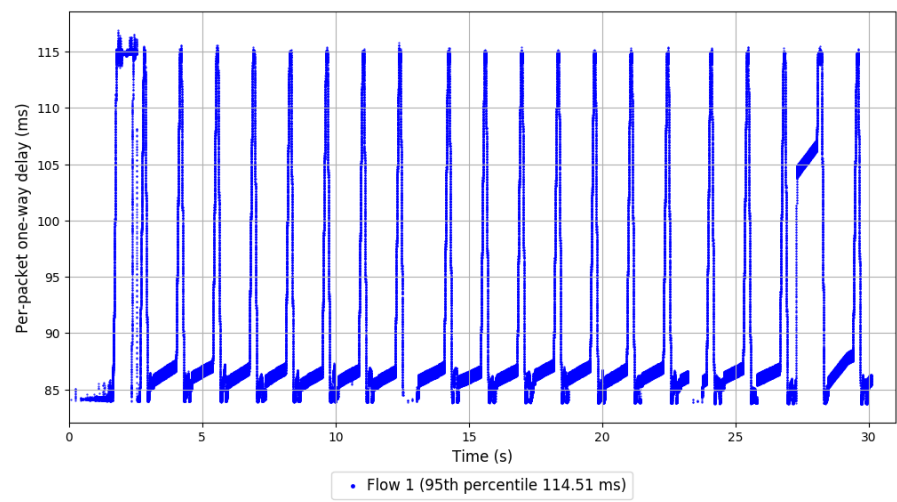
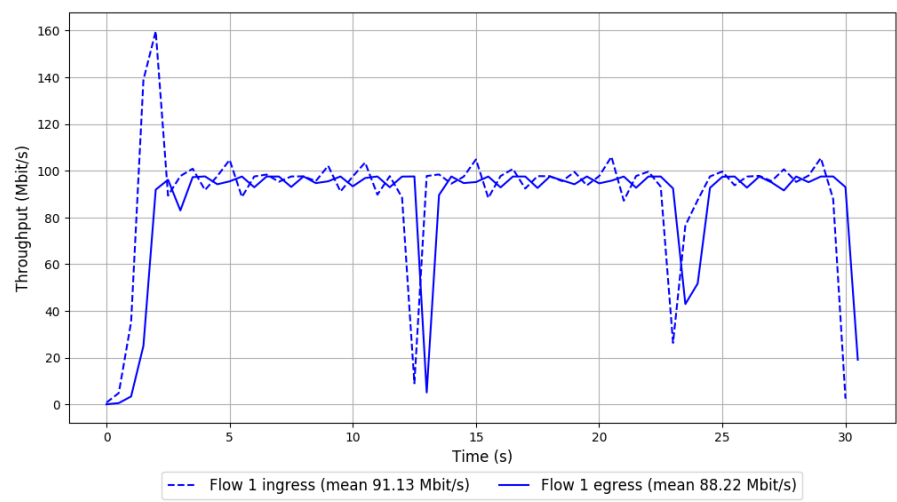
-- Flow 1:

Average throughput: 88.22 Mbit/s

95th percentile per-packet one-way delay: 114.506 ms

Loss rate: 3.19%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-02-05 04:11:59

End at: 2019-02-05 04:12:29

Local clock offset: -6.386 ms

Remote clock offset: 8.66 ms

Below is generated by plot.py at 2019-02-05 04:29:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.00 Mbit/s

95th percentile per-packet one-way delay: 114.898 ms

Loss rate: 3.29%

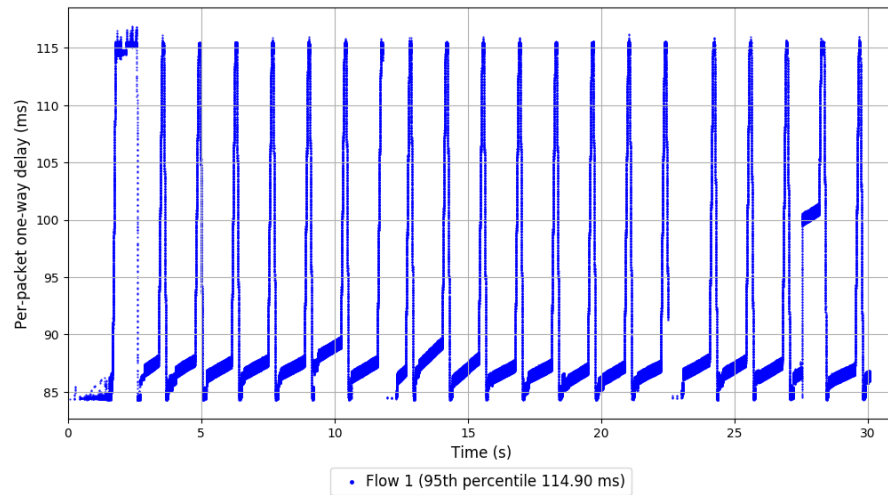
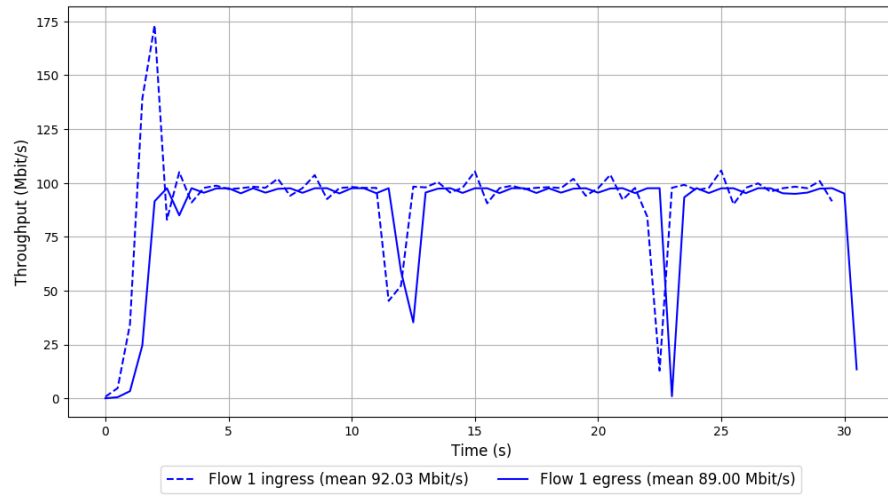
-- Flow 1:

Average throughput: 89.00 Mbit/s

95th percentile per-packet one-way delay: 114.898 ms

Loss rate: 3.29%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

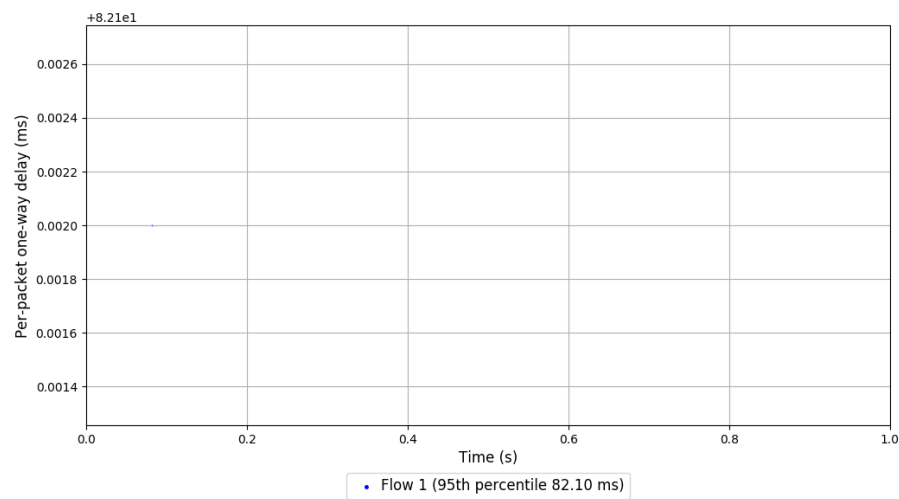
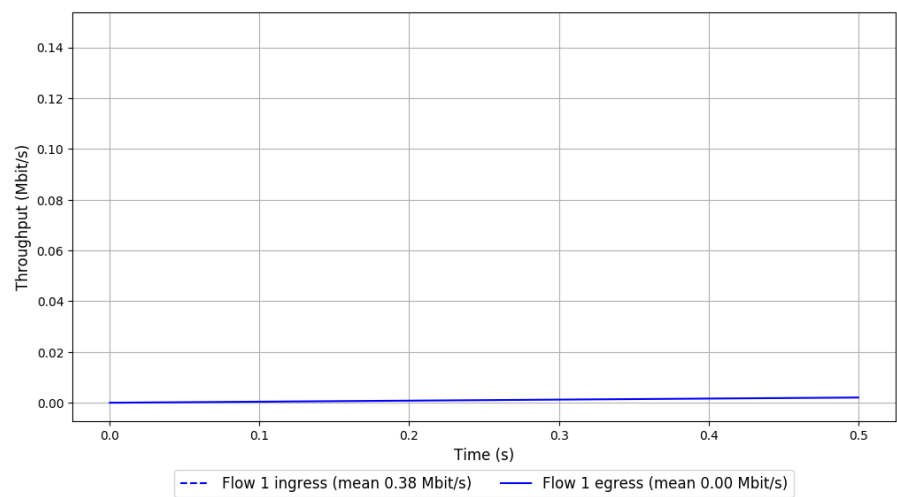
Start at: 2019-02-05 02:30:43

End at: 2019-02-05 02:31:13

Local clock offset: -2.194 ms

Remote clock offset: 2.946 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

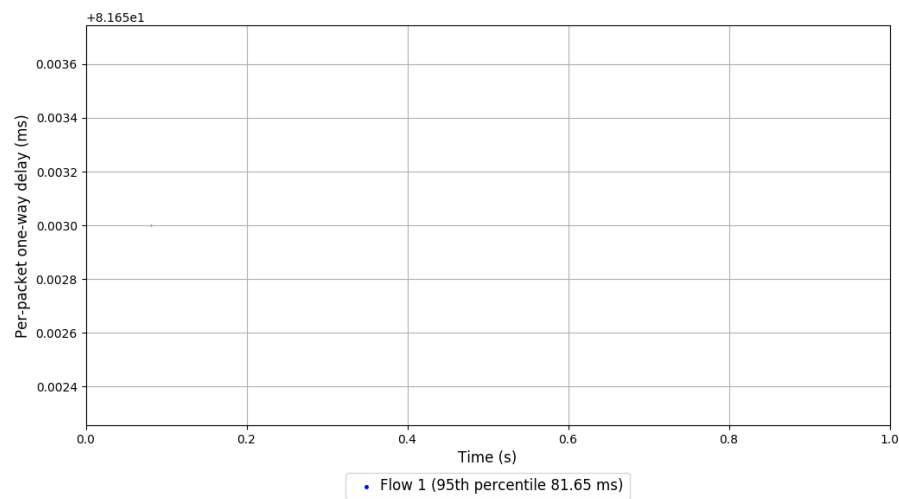
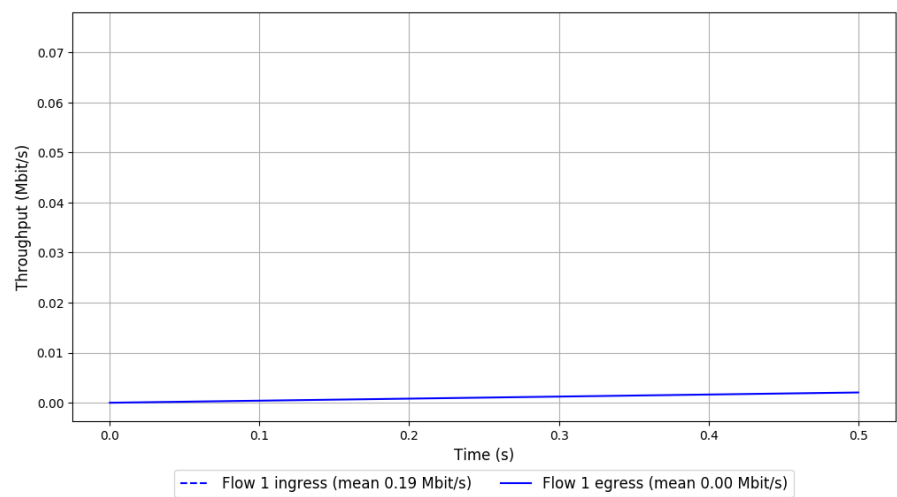
Start at: 2019-02-05 02:55:25

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

Local clock offset: -5.448 ms

Remote clock offset: 2.343 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

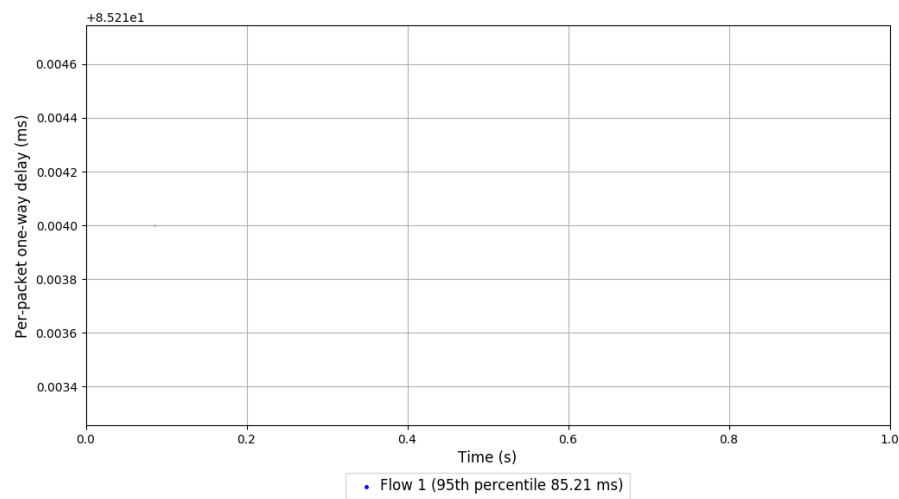
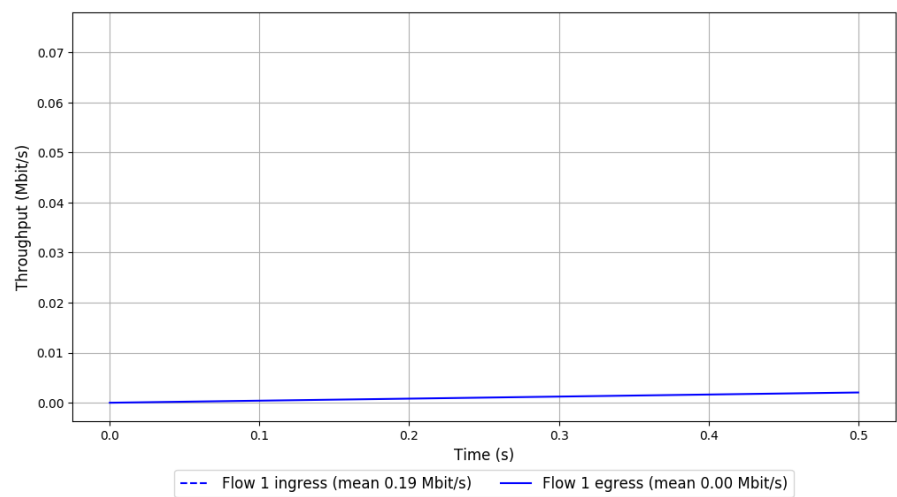
Start at: 2019-02-05 03:20:05

End at: 2019-02-05 03:20:35

Local clock offset: -6.669 ms

Remote clock offset: 7.198 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

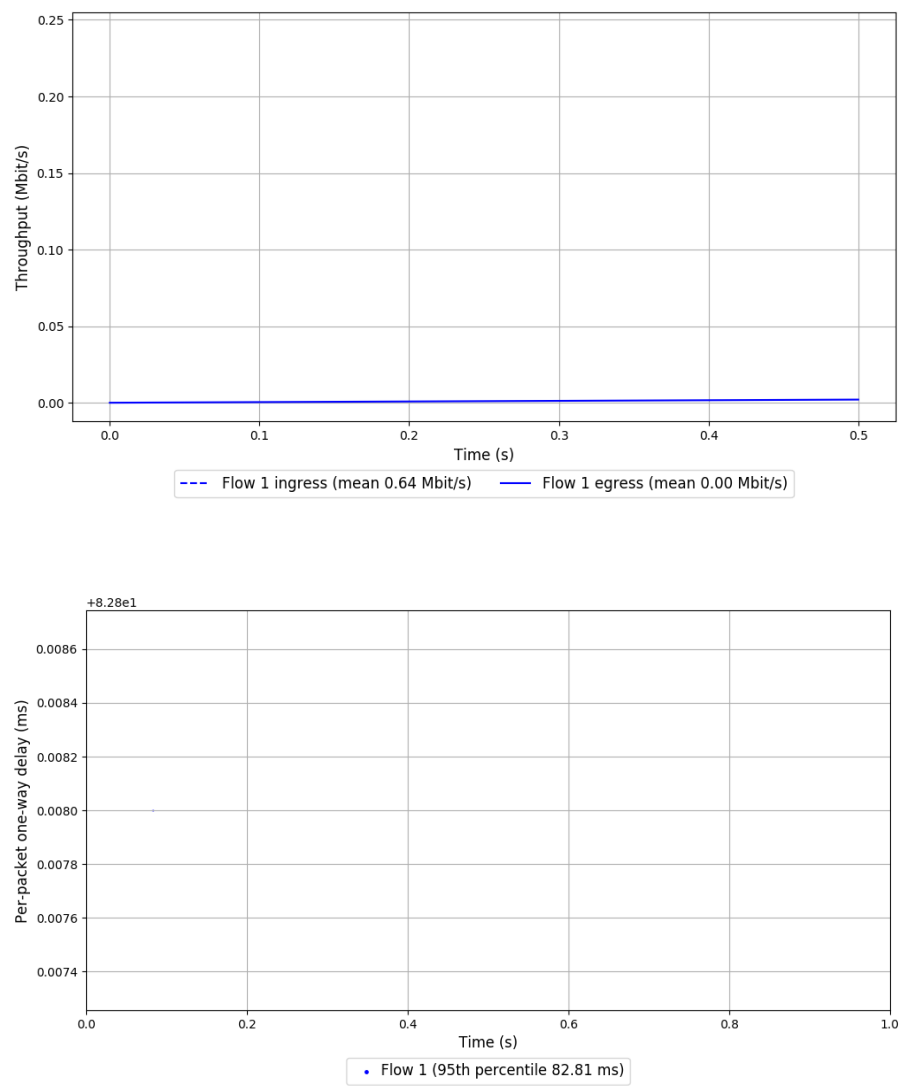
Start at: 2019-02-05 03:44:49

End at: 2019-02-05 03:45:19

Local clock offset: -1.132 ms

Remote clock offset: 6.558 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

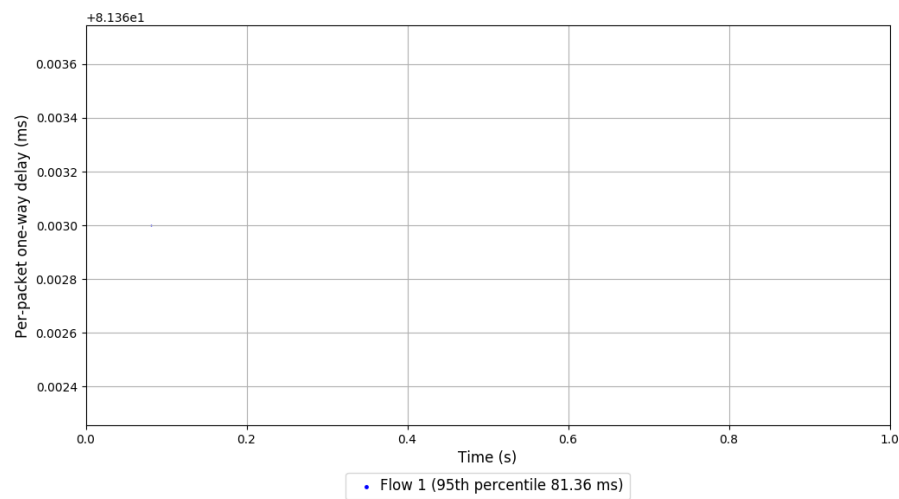
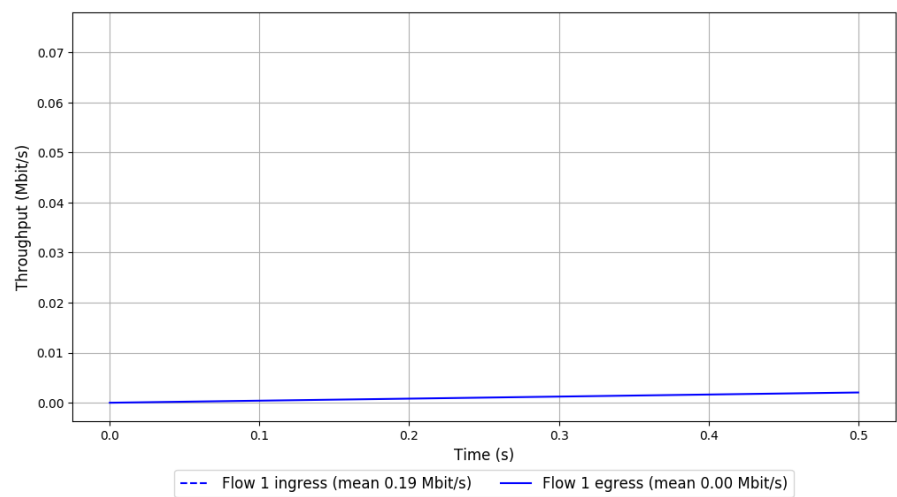
Start at: 2019-02-05 04:09:39

End at: 2019-02-05 04:10:09

Local clock offset: -6.27 ms

Remote clock offset: 4.687 ms

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-02-05 02:31:50

End at: 2019-02-05 02:32:20

Local clock offset: -1.442 ms

Remote clock offset: 8.235 ms

Below is generated by plot.py at 2019-02-05 04:29:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.05 Mbit/s

95th percentile per-packet one-way delay: 100.717 ms

Loss rate: 0.44%

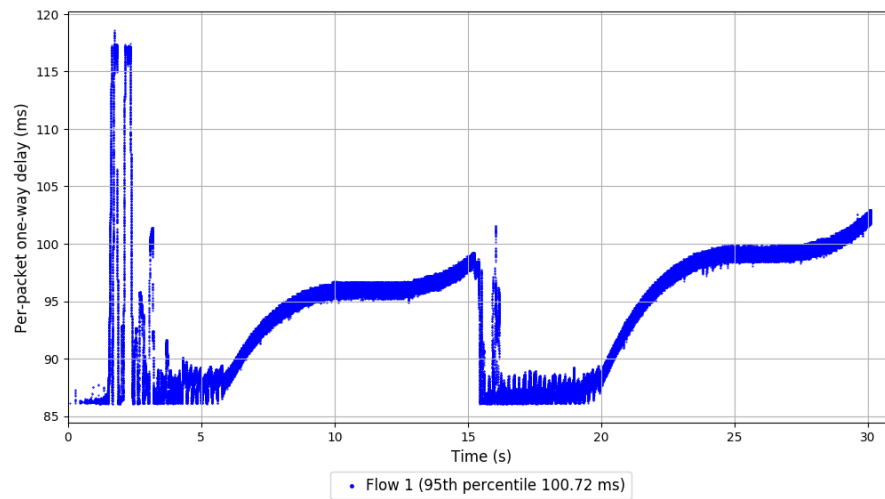
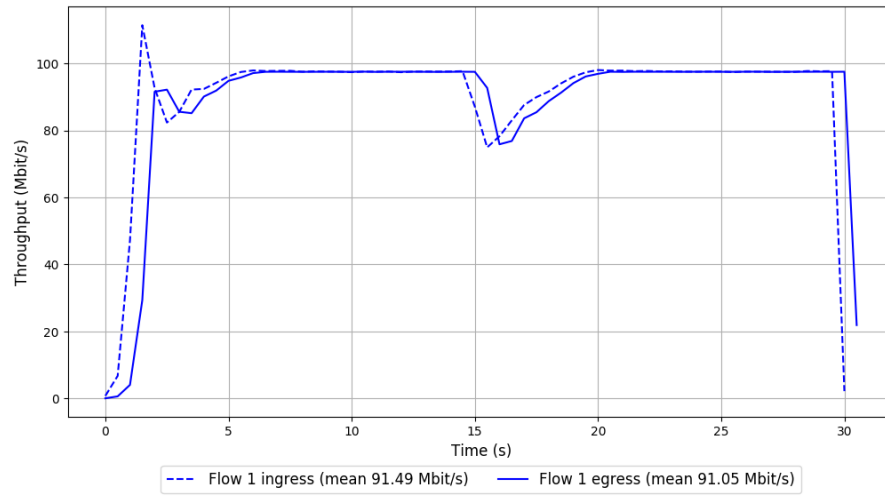
-- Flow 1:

Average throughput: 91.05 Mbit/s

95th percentile per-packet one-way delay: 100.717 ms

Loss rate: 0.44%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-02-05 02:56:32

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

Local clock offset: -5.805 ms

Remote clock offset: 8.73 ms

Below is generated by plot.py at 2019-02-05 04:29:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.99 Mbit/s

95th percentile per-packet one-way delay: 118.217 ms

Loss rate: 0.96%

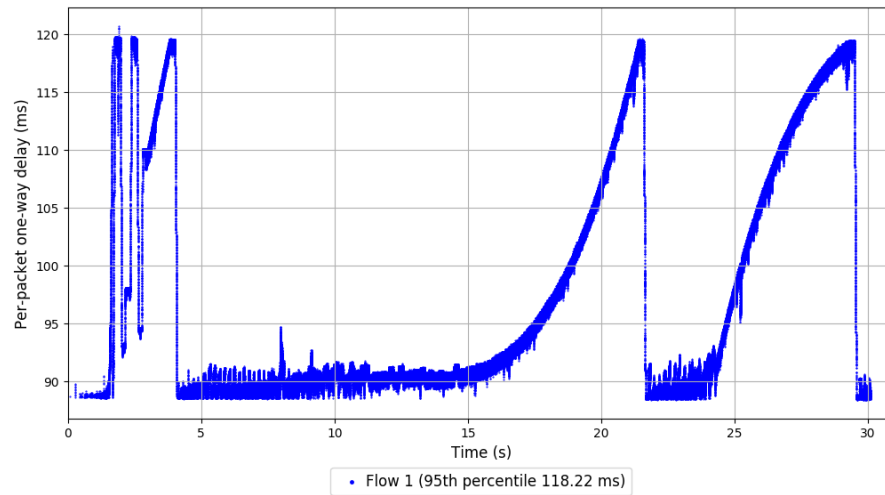
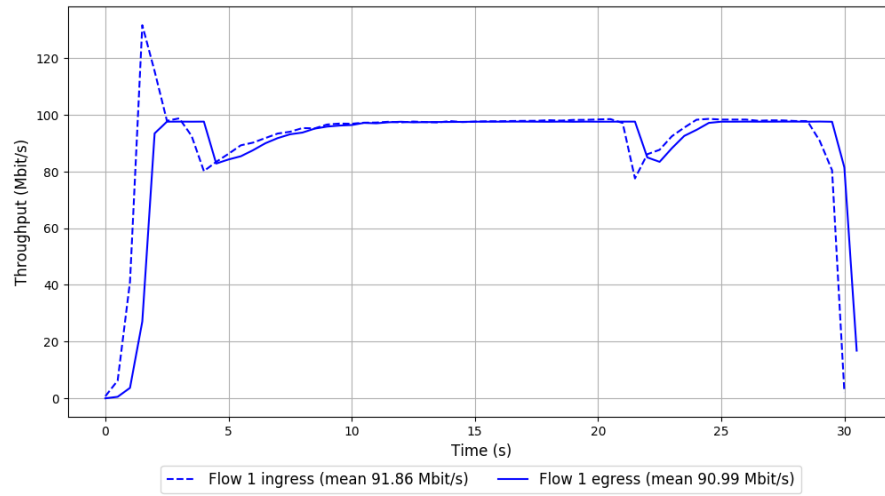
-- Flow 1:

Average throughput: 90.99 Mbit/s

95th percentile per-packet one-way delay: 118.217 ms

Loss rate: 0.96%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-02-05 03:21:12

End at: 2019-02-05 03:21:42

Local clock offset: -6.092 ms

Remote clock offset: 2.355 ms

Below is generated by plot.py at 2019-02-05 04:29:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.98 Mbit/s

95th percentile per-packet one-way delay: 111.576 ms

Loss rate: 0.48%

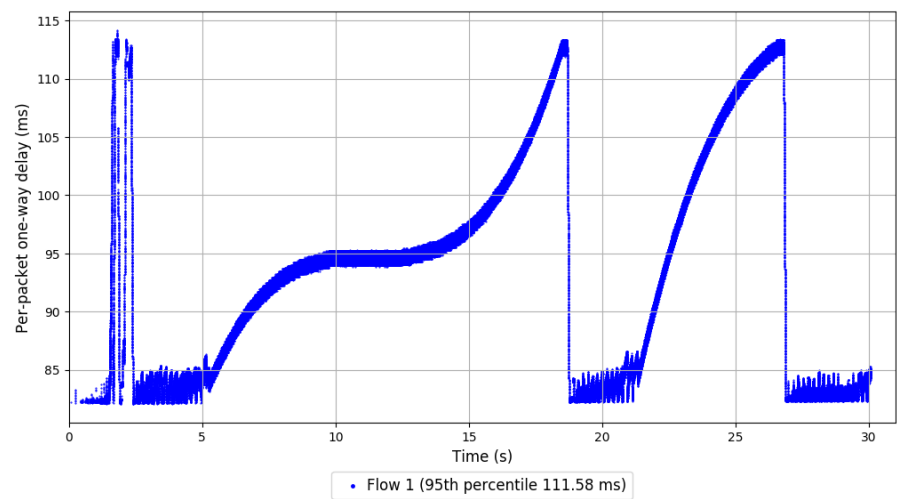
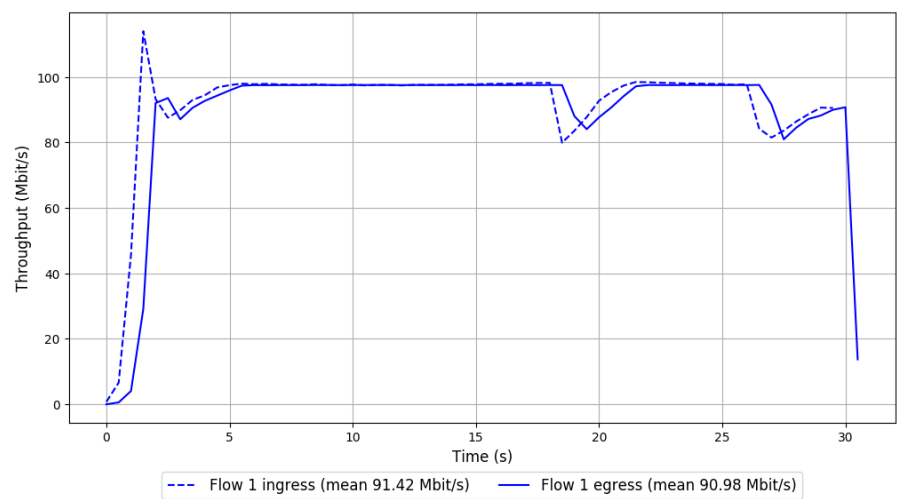
-- Flow 1:

Average throughput: 90.98 Mbit/s

95th percentile per-packet one-way delay: 111.576 ms

Loss rate: 0.48%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-02-05 03:45:57

End at: 2019-02-05 03:46:27

Local clock offset: -1.803 ms

Remote clock offset: 3.823 ms

Below is generated by plot.py at 2019-02-05 04:30:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.82 Mbit/s

95th percentile per-packet one-way delay: 110.942 ms

Loss rate: 0.44%

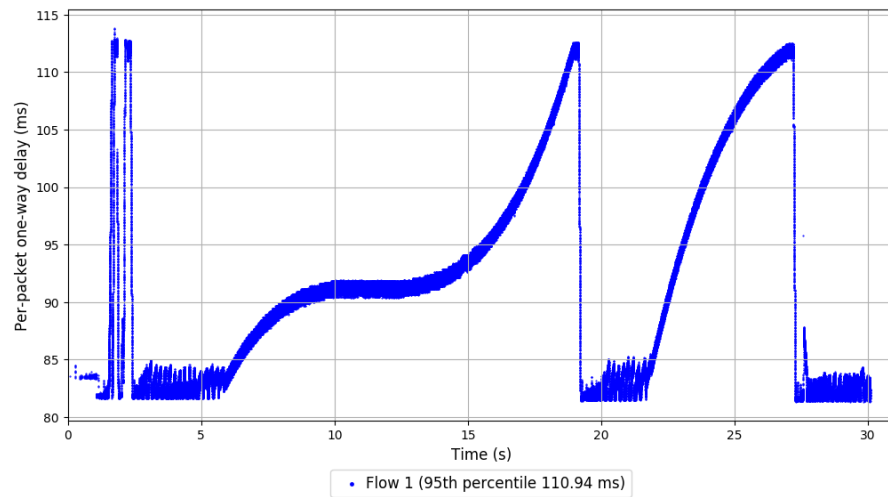
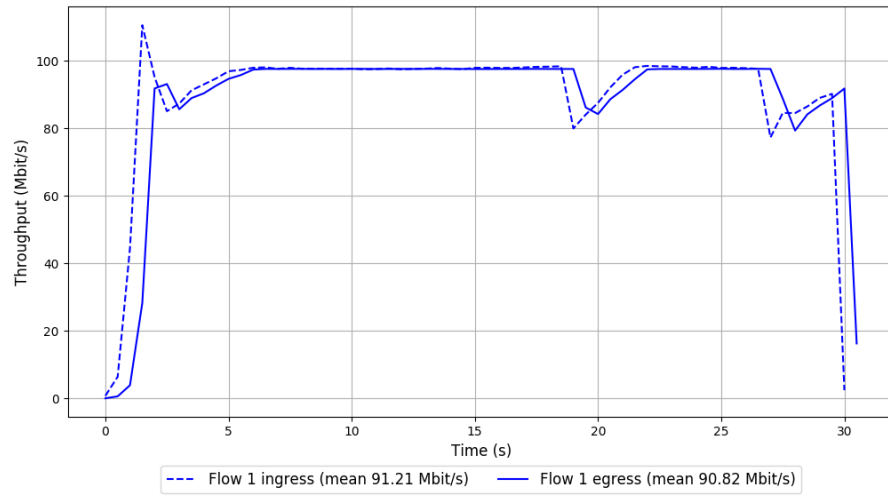
-- Flow 1:

Average throughput: 90.82 Mbit/s

95th percentile per-packet one-way delay: 110.942 ms

Loss rate: 0.44%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-02-05 04:10:47

End at: 2019-02-05 04:11:17

Local clock offset: -6.301 ms

Remote clock offset: 8.561 ms

Below is generated by plot.py at 2019-02-05 04:30:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.91 Mbit/s

95th percentile per-packet one-way delay: 112.904 ms

Loss rate: 0.45%

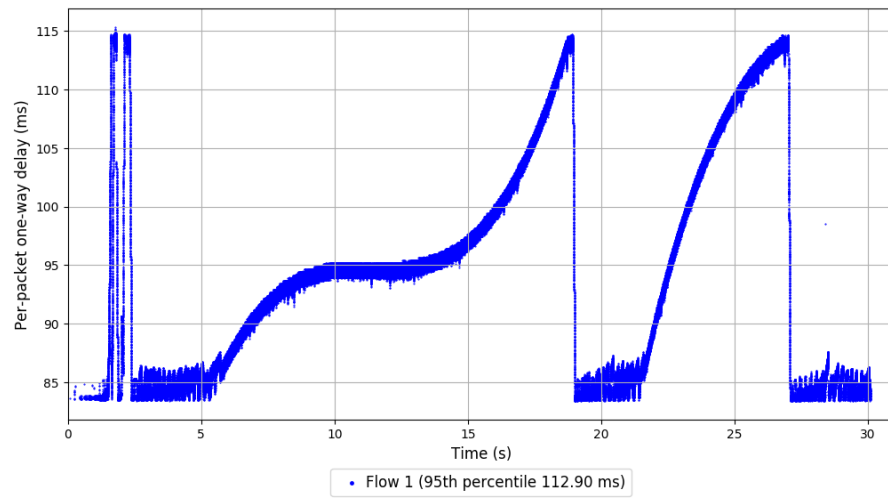
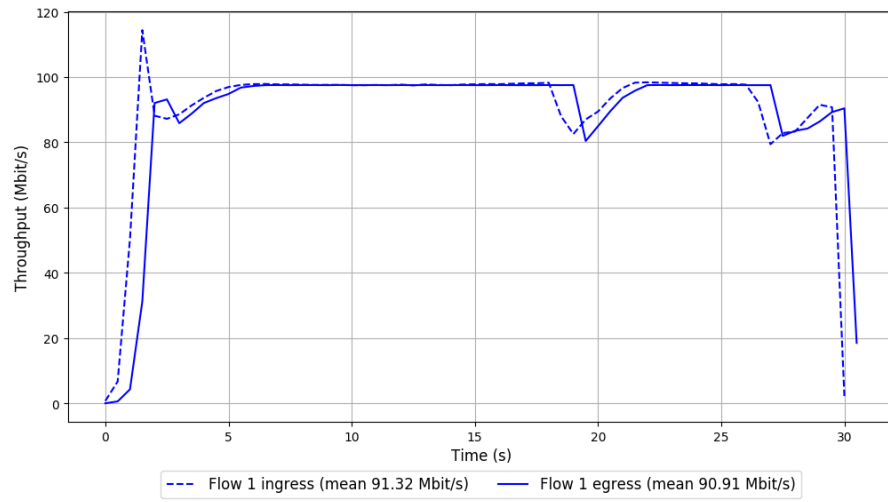
-- Flow 1:

Average throughput: 90.91 Mbit/s

95th percentile per-packet one-way delay: 112.904 ms

Loss rate: 0.45%

Run 5: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2019-02-05 02:28:19

End at: 2019-02-05 02:28:49

Local clock offset: -2.284 ms

Remote clock offset: 2.107 ms

Below is generated by plot.py at 2019-02-05 04:30:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.85 Mbit/s

95th percentile per-packet one-way delay: 99.929 ms

Loss rate: 1.05%

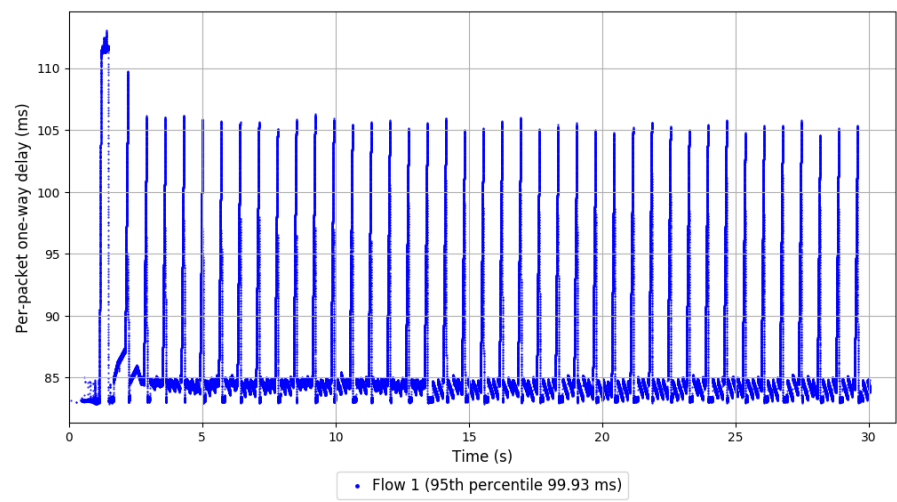
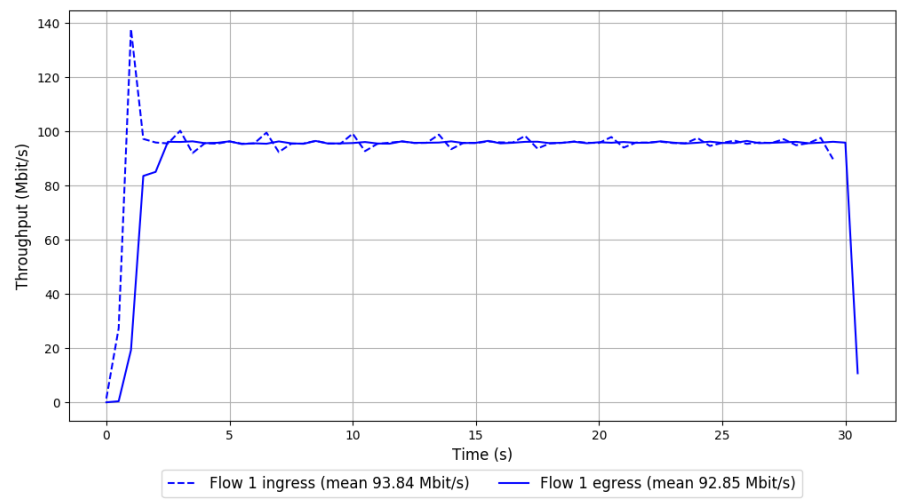
-- Flow 1:

Average throughput: 92.85 Mbit/s

95th percentile per-packet one-way delay: 99.929 ms

Loss rate: 1.05%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

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

End at: 2019-02-05 02:53:32

Local clock offset: -5.407 ms

Remote clock offset: 5.892 ms

Below is generated by plot.py at 2019-02-05 04:30:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.89 Mbit/s

95th percentile per-packet one-way delay: 101.285 ms

Loss rate: 1.00%

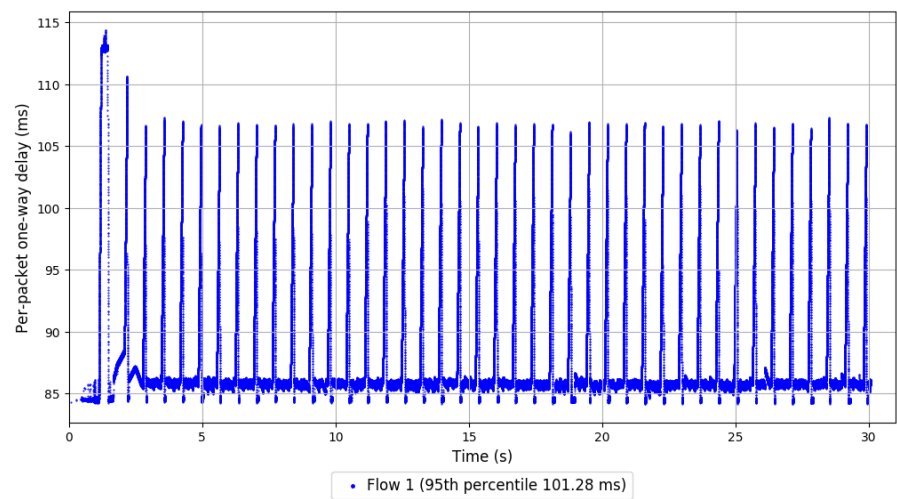
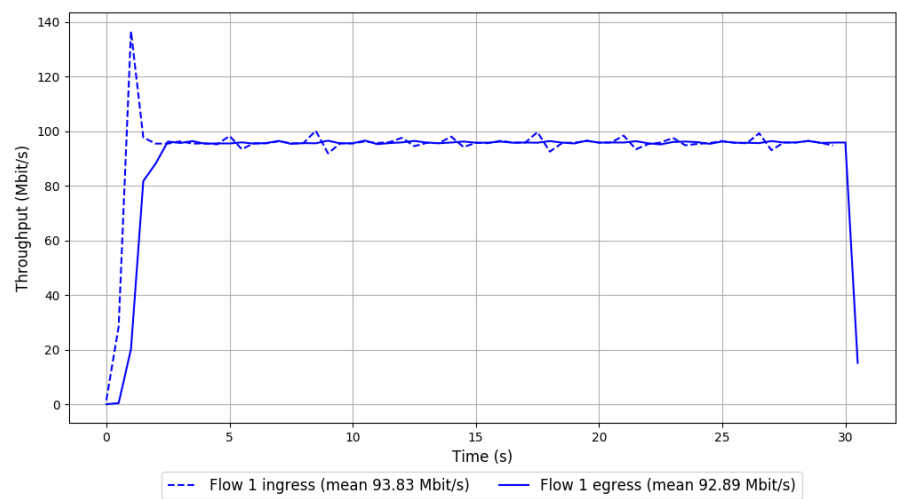
-- Flow 1:

Average throughput: 92.89 Mbit/s

95th percentile per-packet one-way delay: 101.285 ms

Loss rate: 1.00%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-02-05 03:17:42

End at: 2019-02-05 03:18:12

Local clock offset: -7.406 ms

Remote clock offset: 8.335 ms

Below is generated by plot.py at 2019-02-05 04:30:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.66 Mbit/s

95th percentile per-packet one-way delay: 102.947 ms

Loss rate: 1.01%

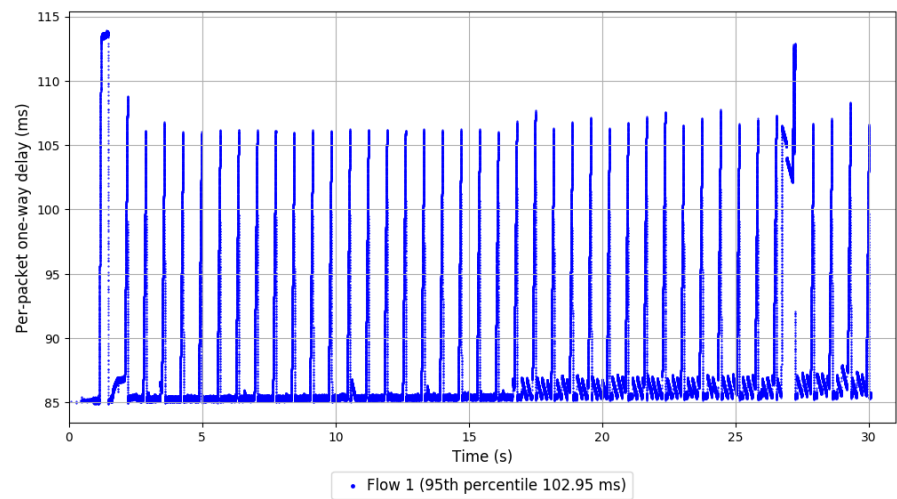
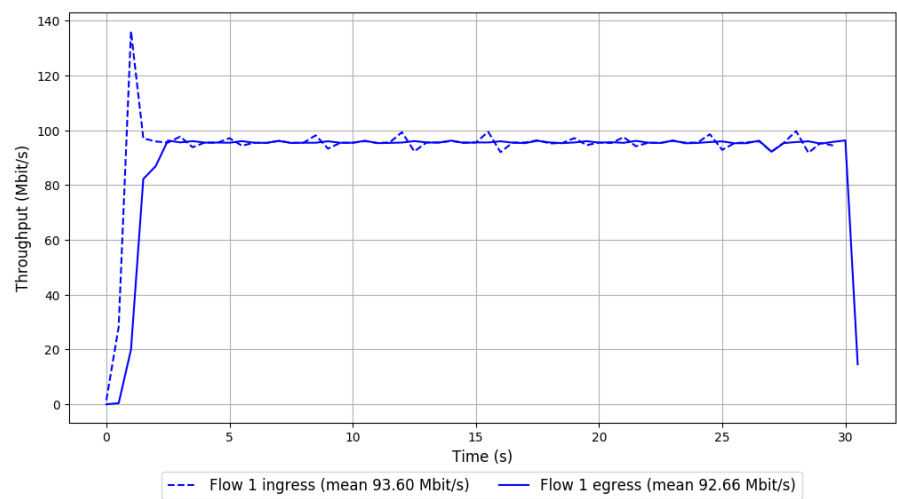
-- Flow 1:

Average throughput: 92.66 Mbit/s

95th percentile per-packet one-way delay: 102.947 ms

Loss rate: 1.01%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-02-05 03:42:26

End at: 2019-02-05 03:42:56

Local clock offset: -2.078 ms

Remote clock offset: 8.849 ms

Below is generated by plot.py at 2019-02-05 04:30:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.86 Mbit/s

95th percentile per-packet one-way delay: 104.115 ms

Loss rate: 1.04%

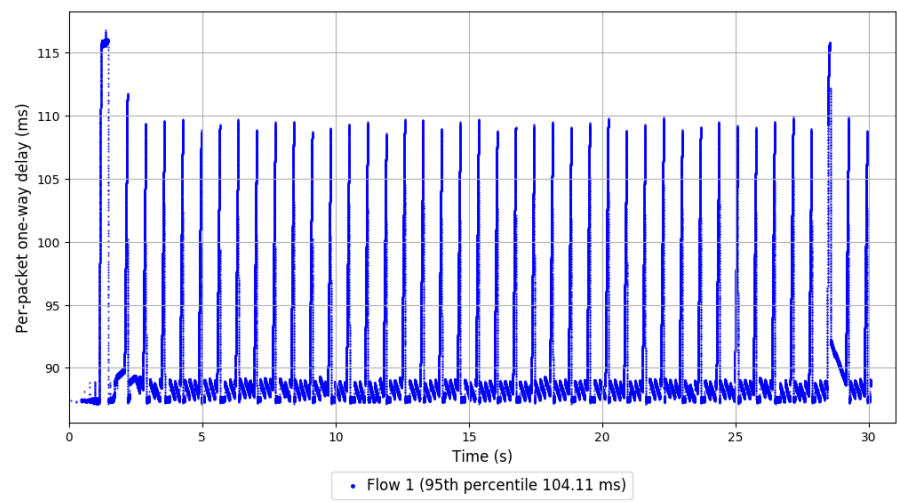
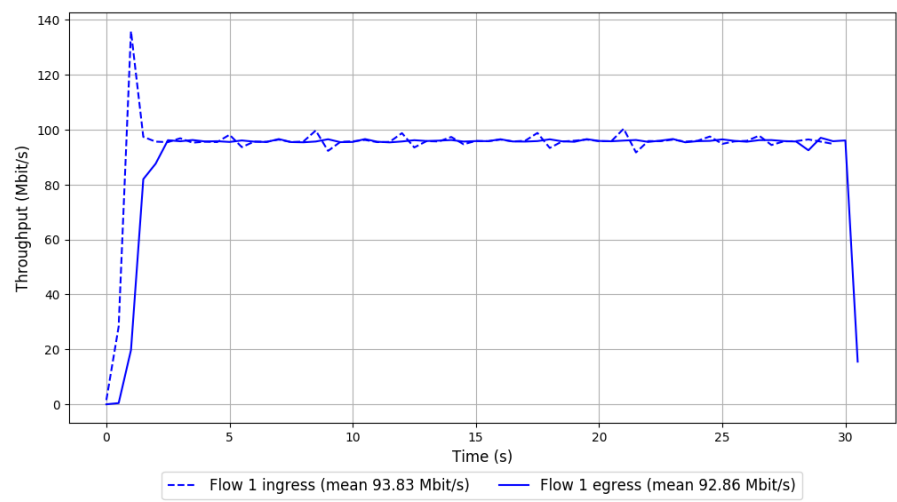
-- Flow 1:

Average throughput: 92.86 Mbit/s

95th percentile per-packet one-way delay: 104.115 ms

Loss rate: 1.04%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-02-05 04:07:15

End at: 2019-02-05 04:07:45

Local clock offset: -6.003 ms

Remote clock offset: 7.378 ms

Below is generated by plot.py at 2019-02-05 04:30:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.02 Mbit/s

95th percentile per-packet one-way delay: 99.136 ms

Loss rate: 1.02%

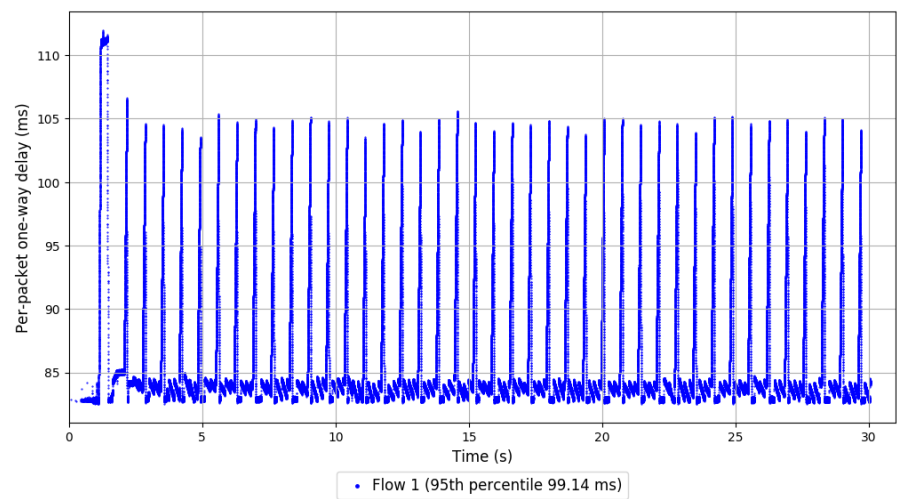
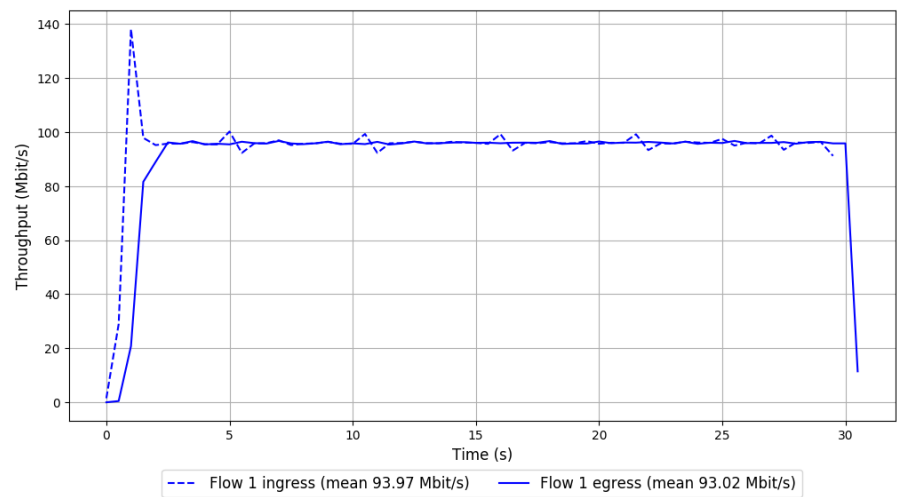
-- Flow 1:

Average throughput: 93.02 Mbit/s

95th percentile per-packet one-way delay: 99.136 ms

Loss rate: 1.02%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-02-05 02:37:42

End at: 2019-02-05 02:38:12

Local clock offset: -2.095 ms

Remote clock offset: 3.294 ms

Below is generated by plot.py at 2019-02-05 04:30:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.79 Mbit/s

95th percentile per-packet one-way delay: 99.159 ms

Loss rate: 1.11%

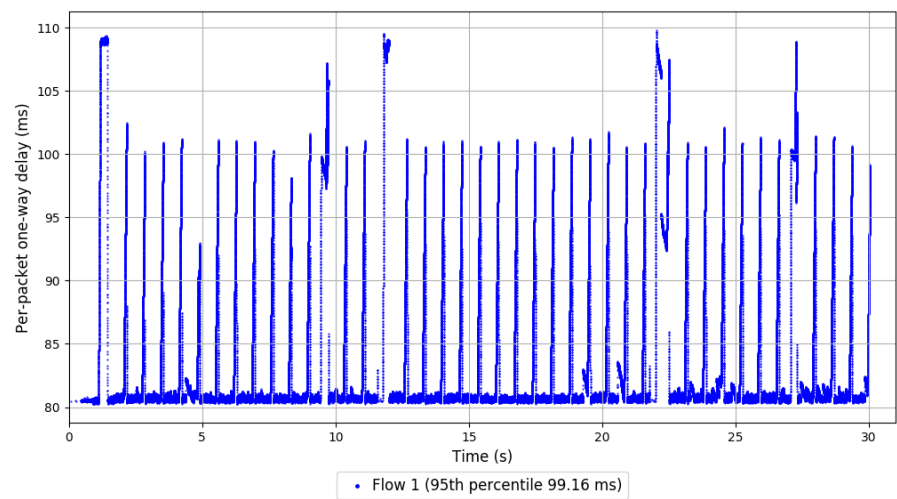
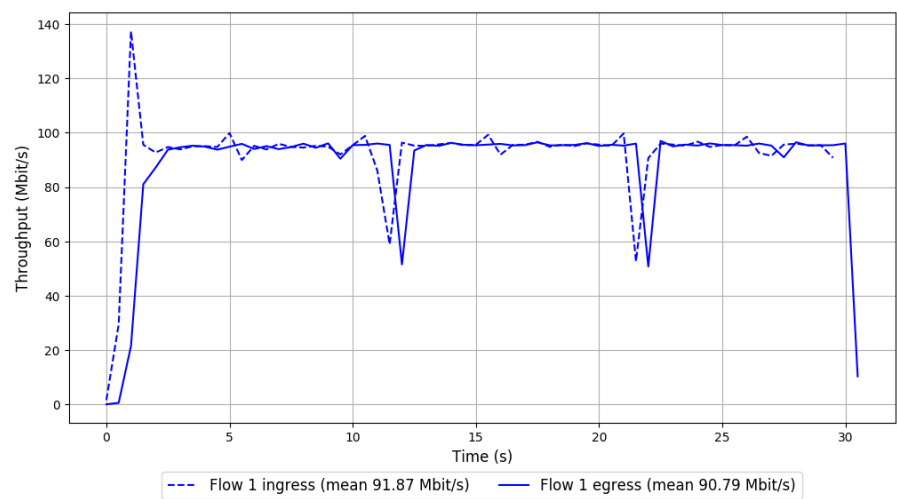
-- Flow 1:

Average throughput: 90.79 Mbit/s

95th percentile per-packet one-way delay: 99.159 ms

Loss rate: 1.11%

Run 1: Report of FillP-Sheep — Data Link

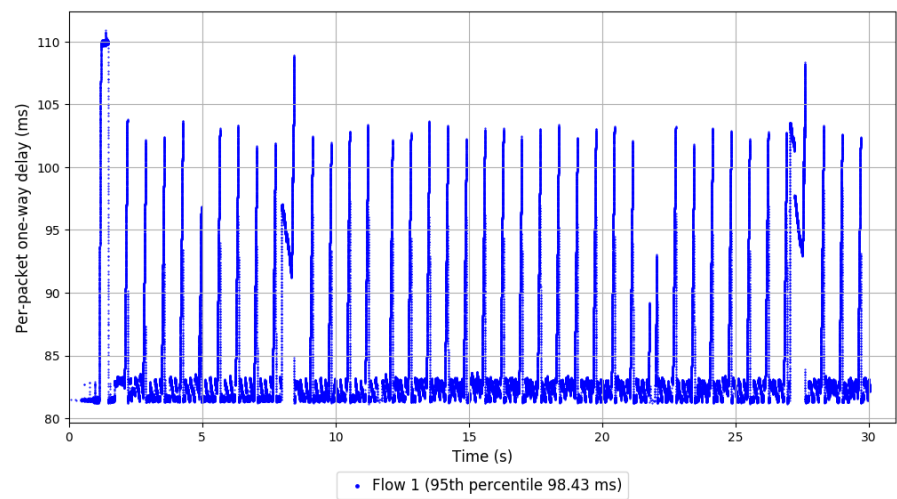
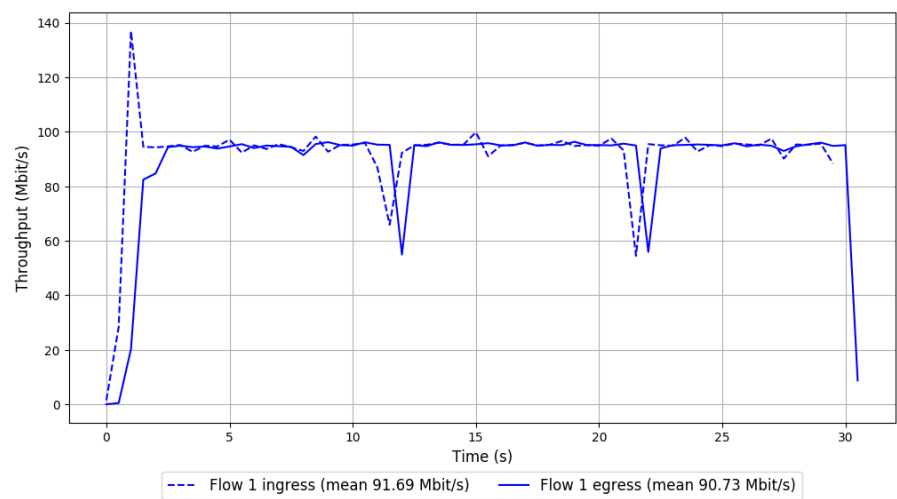


Run 2: Statistics of FillP-Sheep

Start at: 2019-02-05 03:02:25
End at: 2019-02-05 03:02:55
Local clock offset: -6.977 ms
Remote clock offset: 3.625 ms

Below is generated by plot.py at 2019-02-05 04:31:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: 98.433 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: 98.433 ms
Loss rate: 1.05%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

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

End at: 2019-02-05 03:27:35

Local clock offset: -3.347 ms

Remote clock offset: 6.049 ms

Below is generated by plot.py at 2019-02-05 04:31:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.22 Mbit/s

95th percentile per-packet one-way delay: 99.183 ms

Loss rate: 1.02%

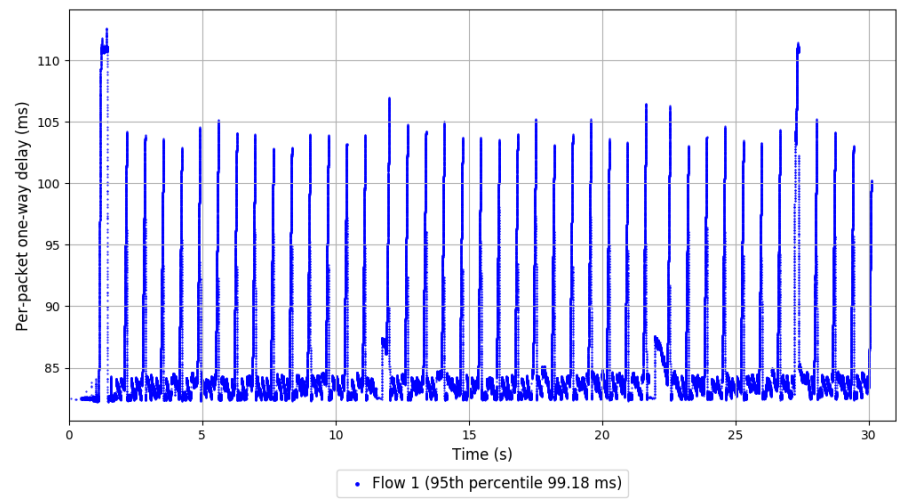
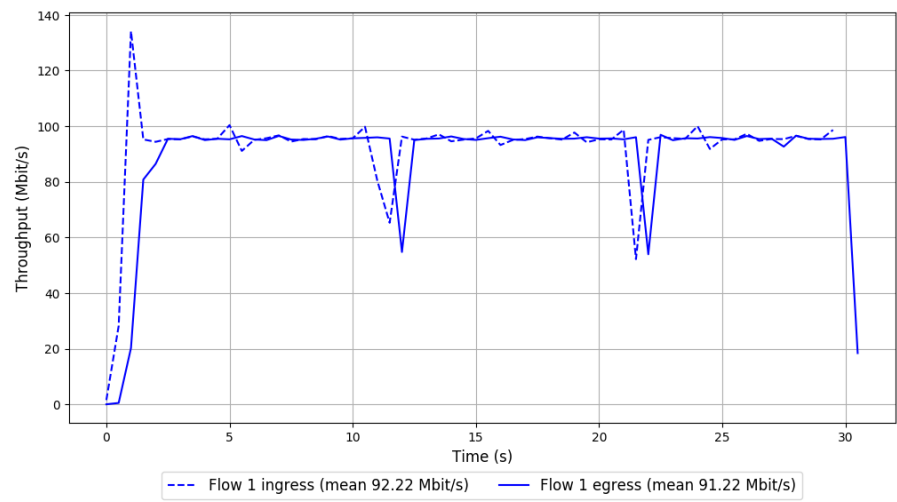
-- Flow 1:

Average throughput: 91.22 Mbit/s

95th percentile per-packet one-way delay: 99.183 ms

Loss rate: 1.02%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-02-05 03:51:49

End at: 2019-02-05 03:52:19

Local clock offset: -3.5 ms

Remote clock offset: 7.85 ms

Below is generated by plot.py at 2019-02-05 04:31:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.73 Mbit/s

95th percentile per-packet one-way delay: 108.265 ms

Loss rate: 2.03%

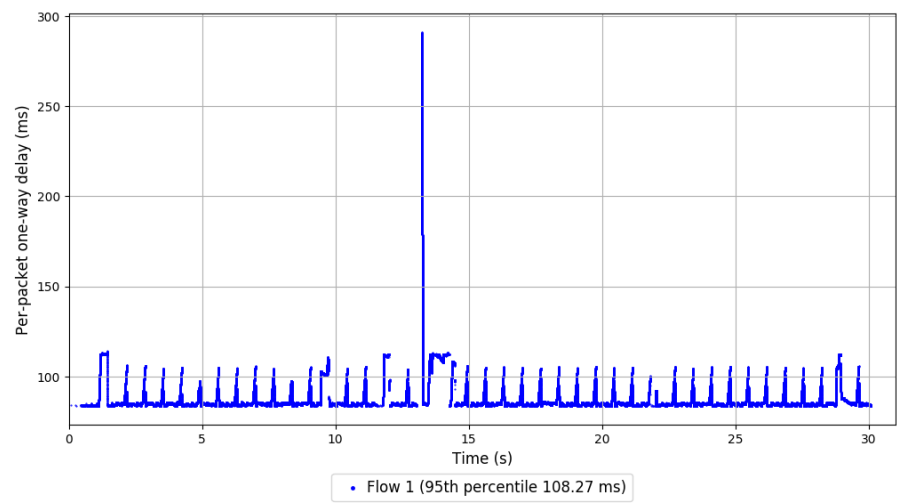
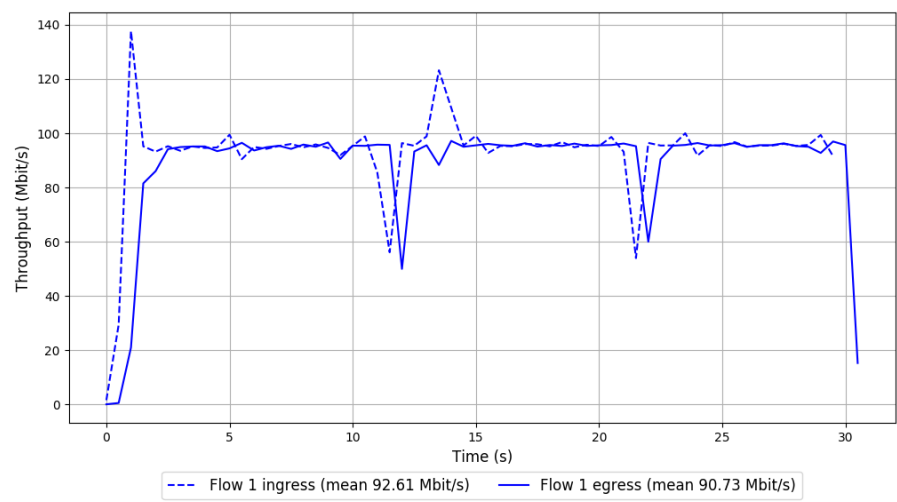
-- Flow 1:

Average throughput: 90.73 Mbit/s

95th percentile per-packet one-way delay: 108.265 ms

Loss rate: 2.03%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-02-05 04:16:41

End at: 2019-02-05 04:17:11

Local clock offset: -6.409 ms

Remote clock offset: 6.73 ms

Below is generated by plot.py at 2019-02-05 04:31:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.75 Mbit/s

95th percentile per-packet one-way delay: 101.069 ms

Loss rate: 1.11%

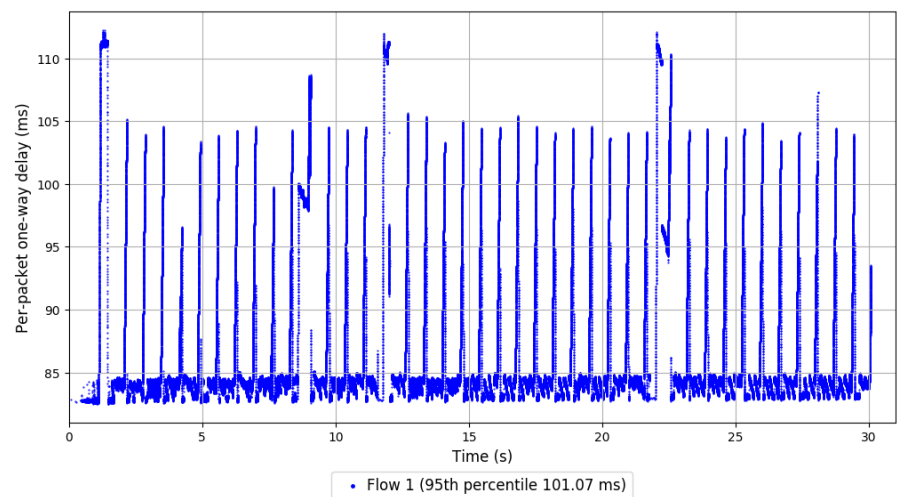
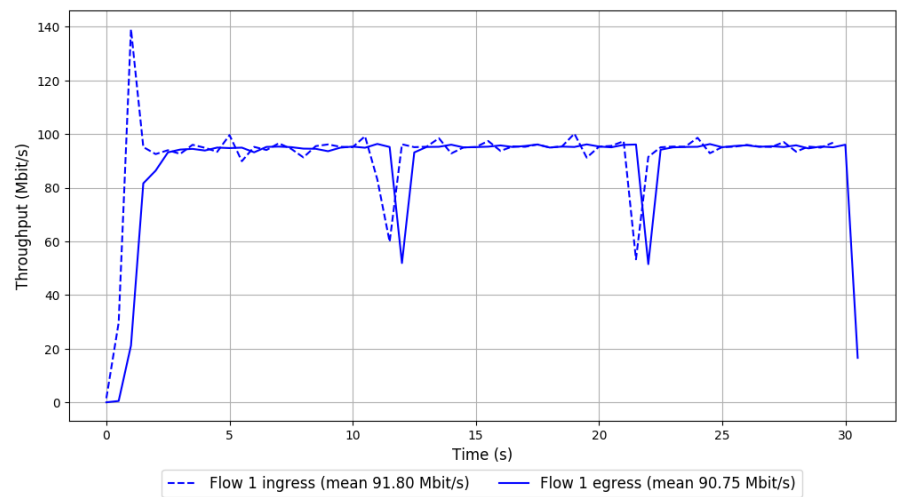
-- Flow 1:

Average throughput: 90.75 Mbit/s

95th percentile per-packet one-way delay: 101.069 ms

Loss rate: 1.11%

Run 5: Report of FillP-Sheep — Data Link

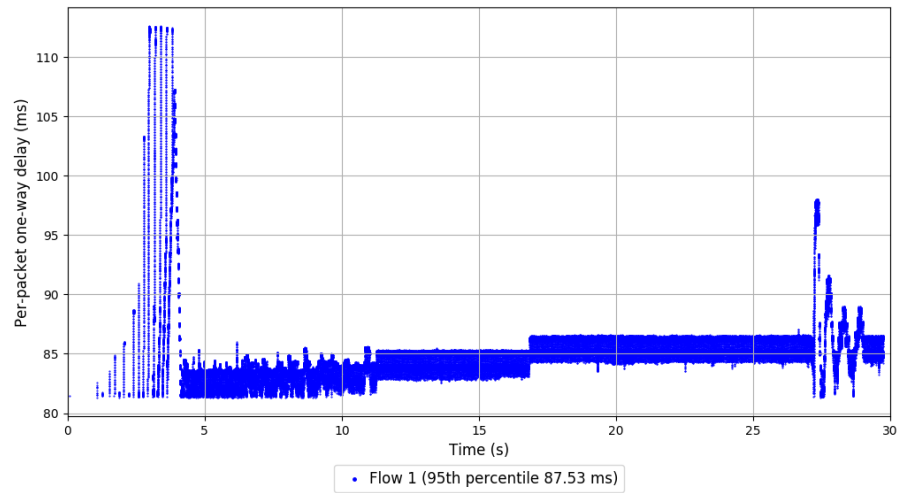
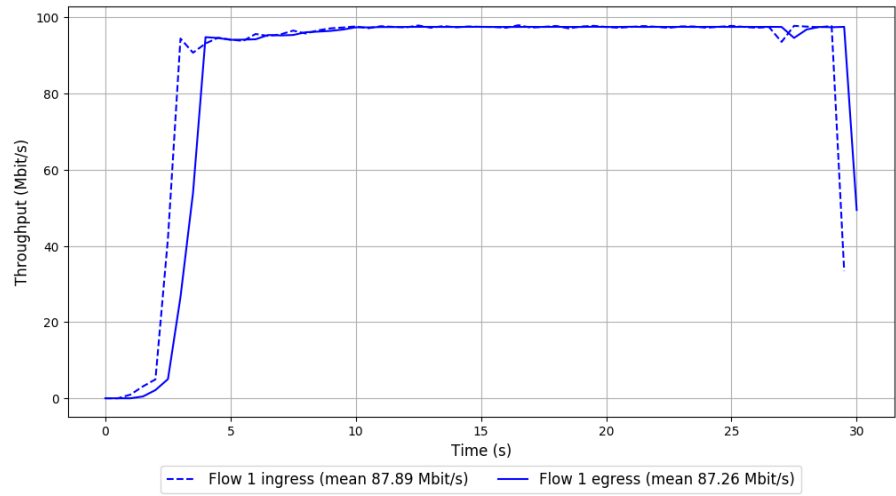


```
Run 1: Statistics of Indigo

Start at: 2019-02-05 02:25:54
End at: 2019-02-05 02:26:24
Local clock offset: -1.531 ms
Remote clock offset: 1.937 ms

# Below is generated by plot.py at 2019-02-05 04:31:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 87.530 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 87.530 ms
Loss rate: 0.72%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-02-05 02:50:36

End at: 2019-02-05 02:51:06

Local clock offset: -3.813 ms

Remote clock offset: 7.184 ms

Below is generated by plot.py at 2019-02-05 04:31:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.83 Mbit/s

95th percentile per-packet one-way delay: 89.712 ms

Loss rate: 0.69%

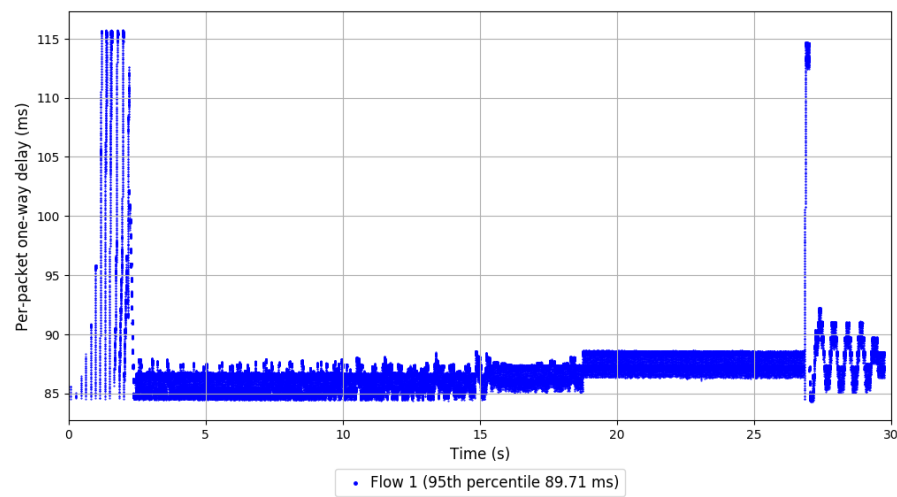
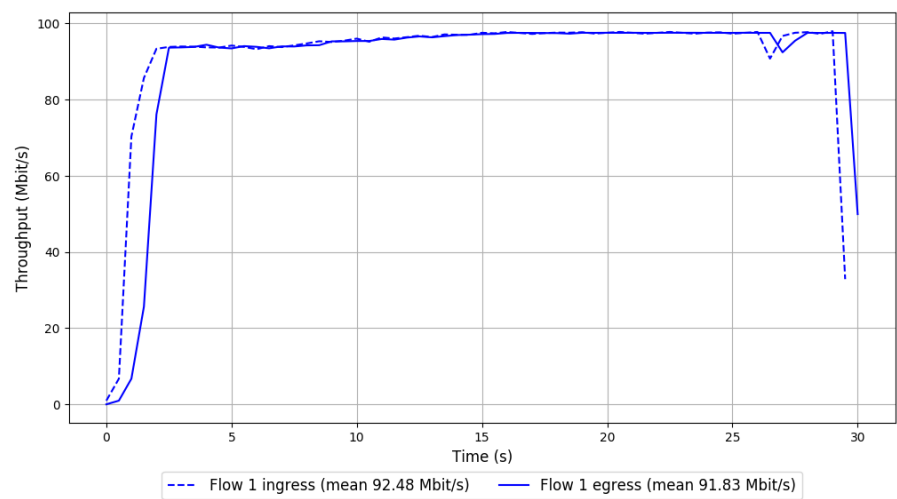
-- Flow 1:

Average throughput: 91.83 Mbit/s

95th percentile per-packet one-way delay: 89.712 ms

Loss rate: 0.69%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-02-05 03:15:16

End at: 2019-02-05 03:15:46

Local clock offset: -9.265 ms

Remote clock offset: 7.263 ms

Below is generated by plot.py at 2019-02-05 04:31:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.68 Mbit/s

95th percentile per-packet one-way delay: 90.501 ms

Loss rate: 0.69%

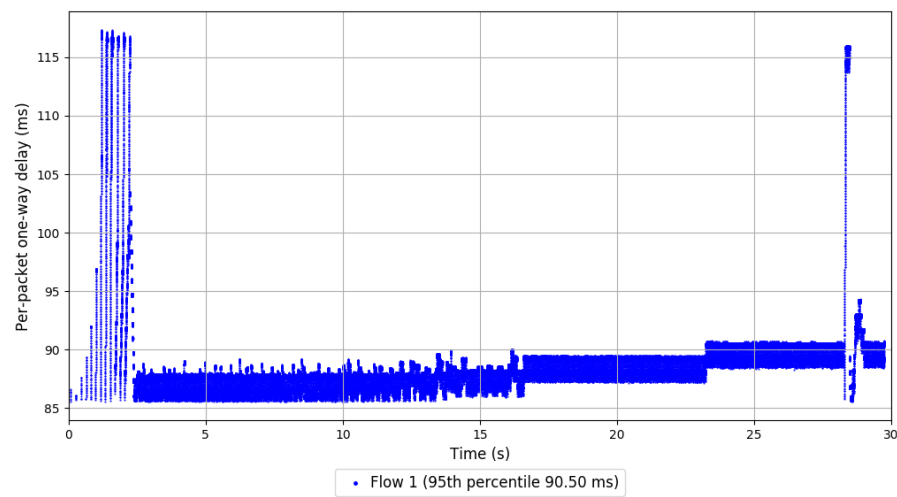
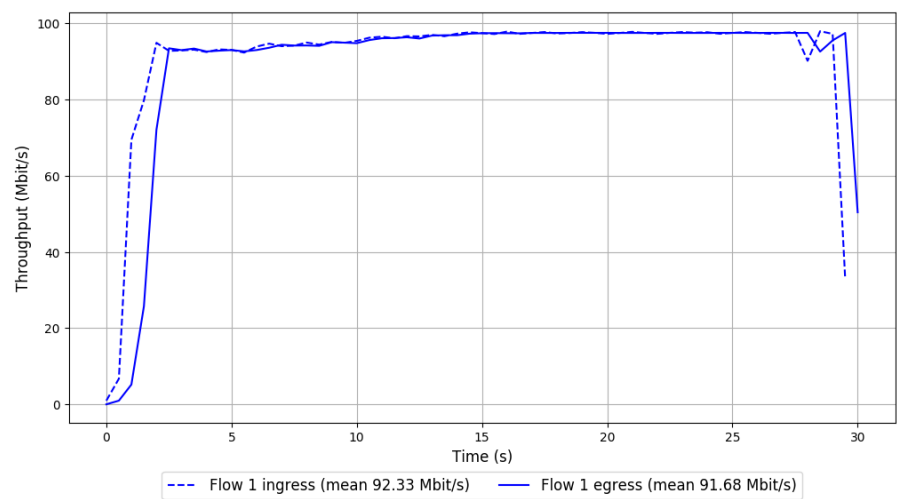
-- Flow 1:

Average throughput: 91.68 Mbit/s

95th percentile per-packet one-way delay: 90.501 ms

Loss rate: 0.69%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-02-05 03:40:01

End at: 2019-02-05 03:40:31

Local clock offset: -1.46 ms

Remote clock offset: 3.574 ms

Below is generated by plot.py at 2019-02-05 04:31:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.78 Mbit/s

95th percentile per-packet one-way delay: 85.315 ms

Loss rate: 1.10%

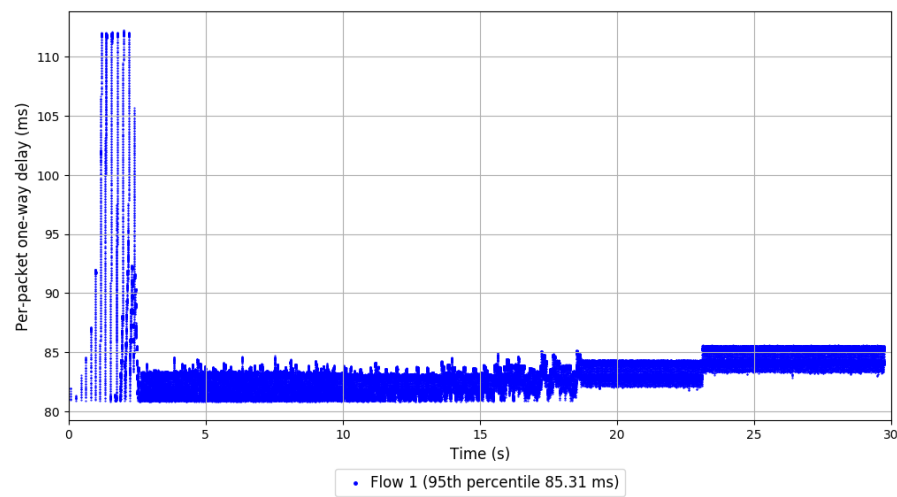
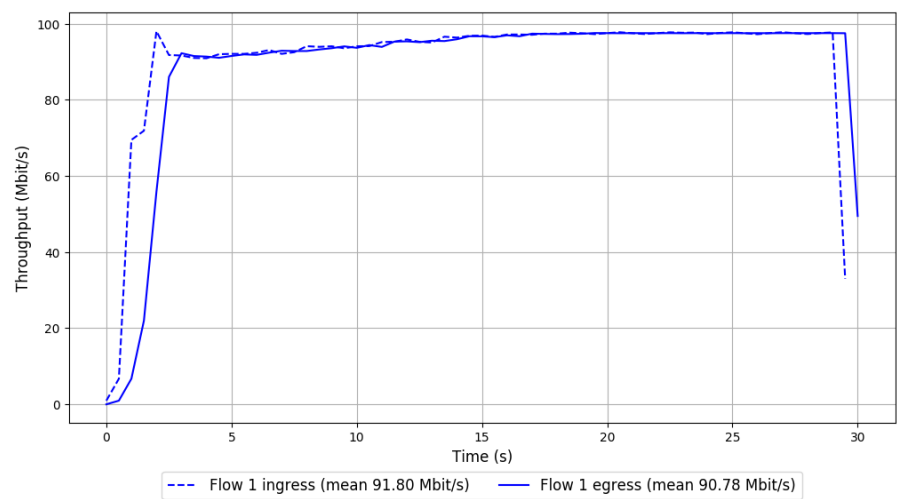
-- Flow 1:

Average throughput: 90.78 Mbit/s

95th percentile per-packet one-way delay: 85.315 ms

Loss rate: 1.10%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-02-05 04:04:49

End at: 2019-02-05 04:05:19

Local clock offset: -5.802 ms

Remote clock offset: 4.482 ms

Below is generated by plot.py at 2019-02-05 04:32:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.68 Mbit/s

95th percentile per-packet one-way delay: 86.458 ms

Loss rate: 1.14%

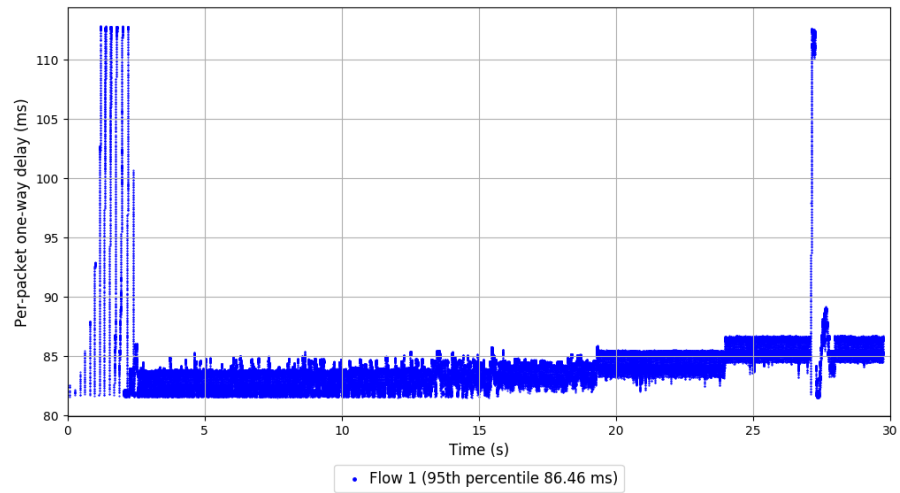
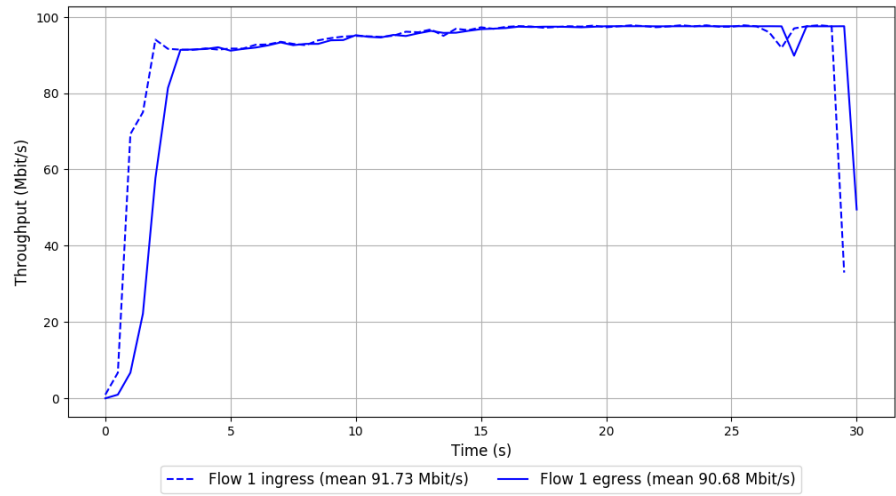
-- Flow 1:

Average throughput: 90.68 Mbit/s

95th percentile per-packet one-way delay: 86.458 ms

Loss rate: 1.14%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-02-05 02:27:07

End at: 2019-02-05 02:27:37

Local clock offset: -2.238 ms

Remote clock offset: 3.204 ms

Below is generated by plot.py at 2019-02-05 04:32:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.21 Mbit/s

95th percentile per-packet one-way delay: 94.818 ms

Loss rate: 0.19%

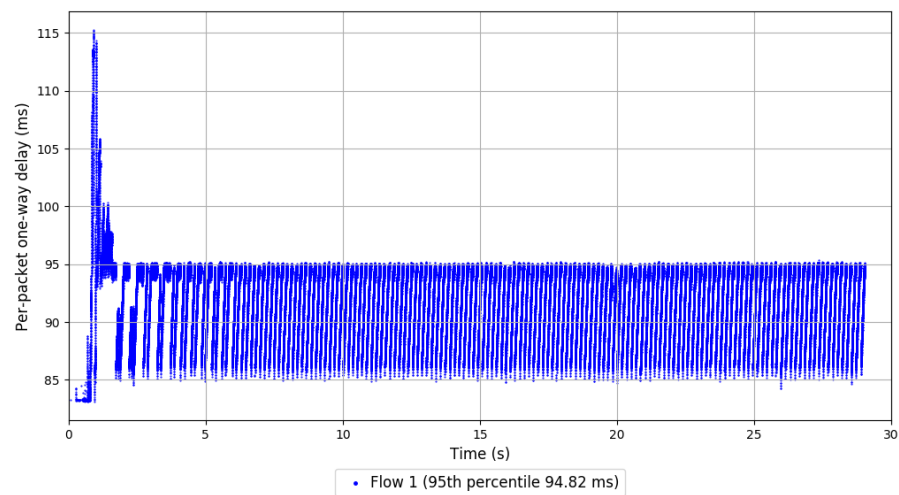
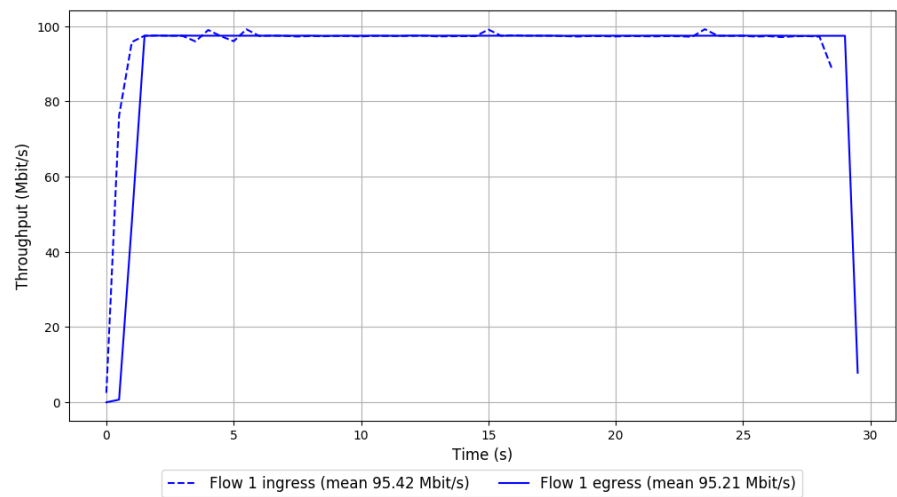
-- Flow 1:

Average throughput: 95.21 Mbit/s

95th percentile per-packet one-way delay: 94.818 ms

Loss rate: 0.19%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-02-05 02:51:49

End at: 2019-02-05 02:52:20

Local clock offset: -4.98 ms

Remote clock offset: 8.205 ms

Below is generated by plot.py at 2019-02-05 04:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.16 Mbit/s

95th percentile per-packet one-way delay: 94.900 ms

Loss rate: 0.19%

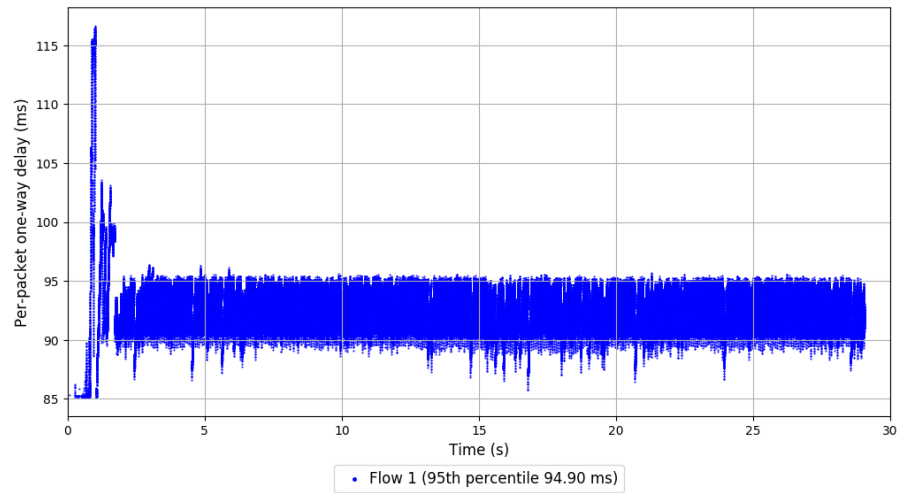
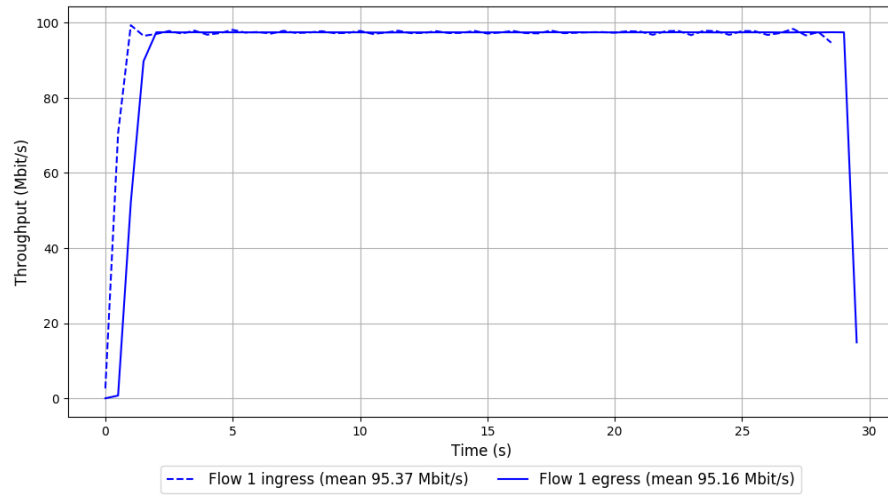
-- Flow 1:

Average throughput: 95.16 Mbit/s

95th percentile per-packet one-way delay: 94.900 ms

Loss rate: 0.19%

Run 2: Report of Indigo-MusesC3 — Data Link



Run 3: Statistics of Indigo-MusesC3

Start at: 2019-02-05 03:16:29

End at: 2019-02-05 03:17:00

Local clock offset: -8.431 ms

Remote clock offset: 5.808 ms

Below is generated by plot.py at 2019-02-05 04:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.08 Mbit/s

95th percentile per-packet one-way delay: 97.165 ms

Loss rate: 0.32%

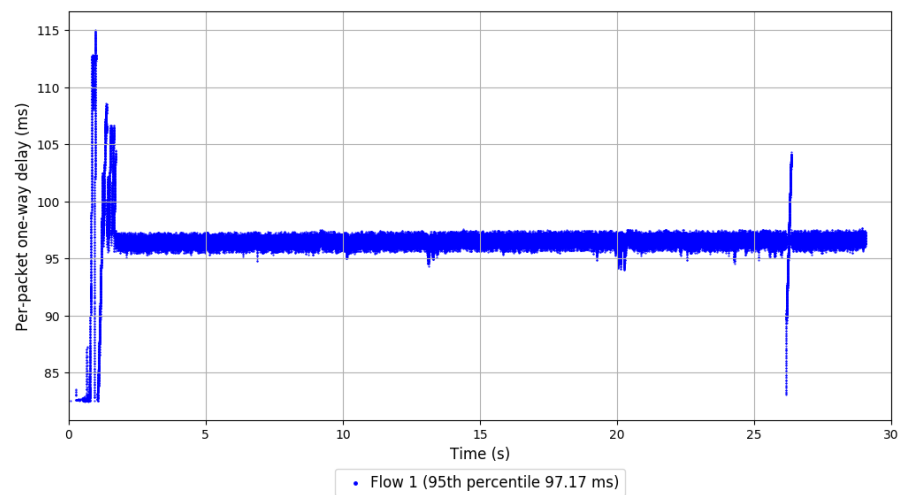
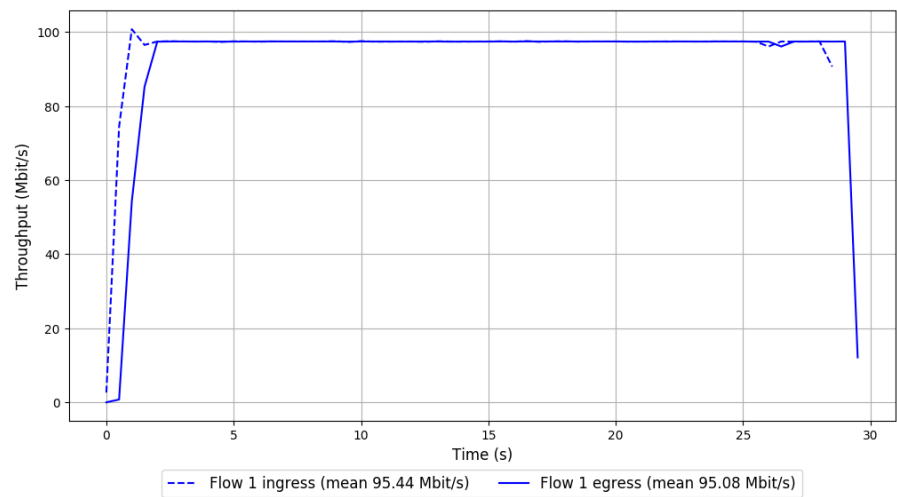
-- Flow 1:

Average throughput: 95.08 Mbit/s

95th percentile per-packet one-way delay: 97.165 ms

Loss rate: 0.32%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-02-05 03:41:14

End at: 2019-02-05 03:41:44

Local clock offset: -2.168 ms

Remote clock offset: 7.373 ms

Below is generated by plot.py at 2019-02-05 04:32:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 102.619 ms

Loss rate: 0.66%

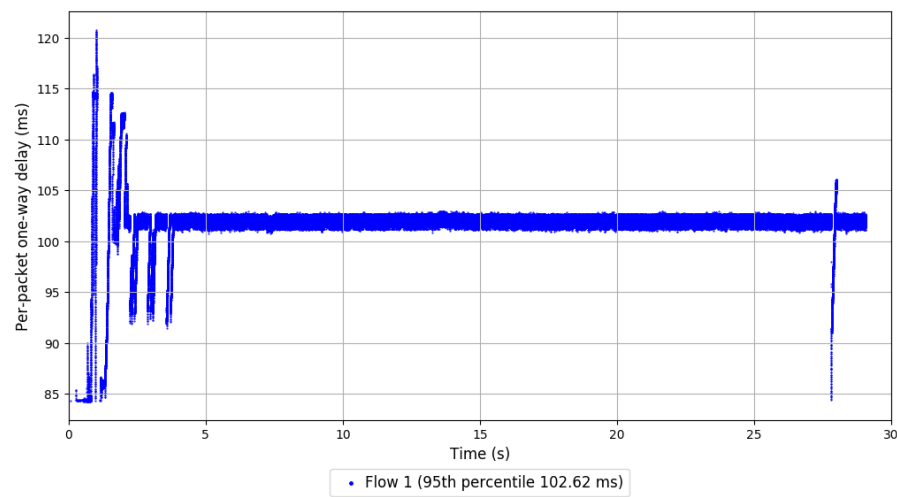
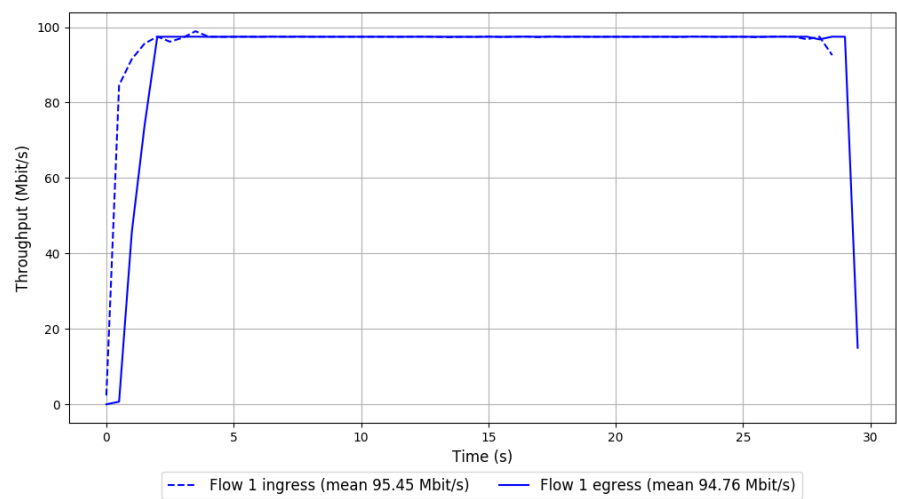
-- Flow 1:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 102.619 ms

Loss rate: 0.66%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

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

End at: 2019-02-05 04:06:33

Local clock offset: -5.93 ms

Remote clock offset: 3.293 ms

Below is generated by plot.py at 2019-02-05 04:32:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.29 Mbit/s

95th percentile per-packet one-way delay: 97.056 ms

Loss rate: 0.02%

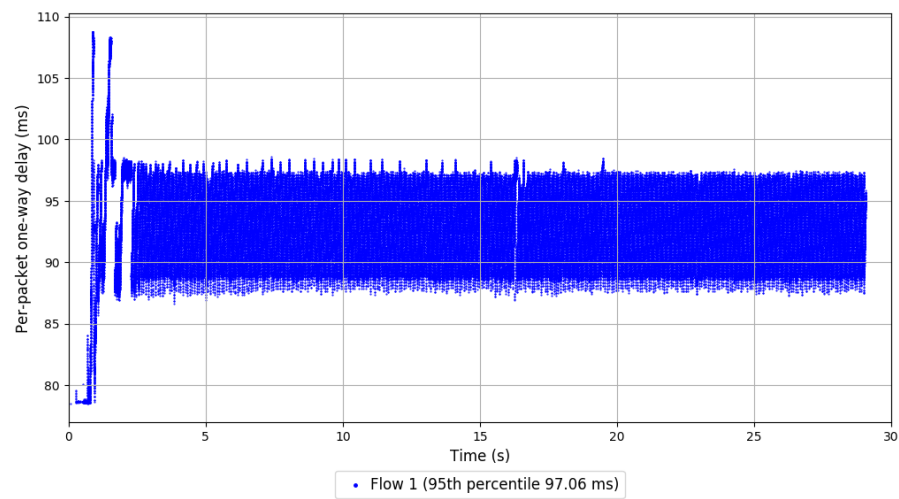
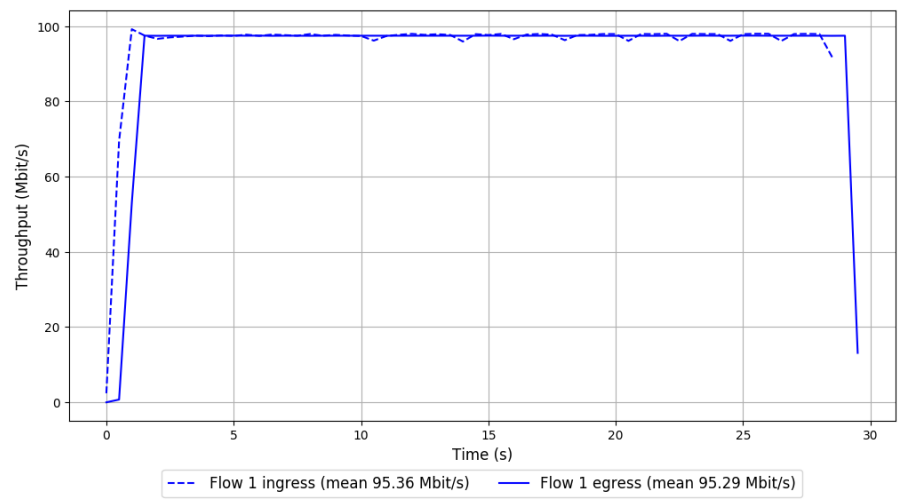
-- Flow 1:

Average throughput: 95.29 Mbit/s

95th percentile per-packet one-way delay: 97.056 ms

Loss rate: 0.02%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-02-05 02:38:54

End at: 2019-02-05 02:39:24

Local clock offset: -1.353 ms

Remote clock offset: 6.998 ms

Below is generated by plot.py at 2019-02-05 04:32:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.78 Mbit/s

95th percentile per-packet one-way delay: 95.940 ms

Loss rate: 0.00%

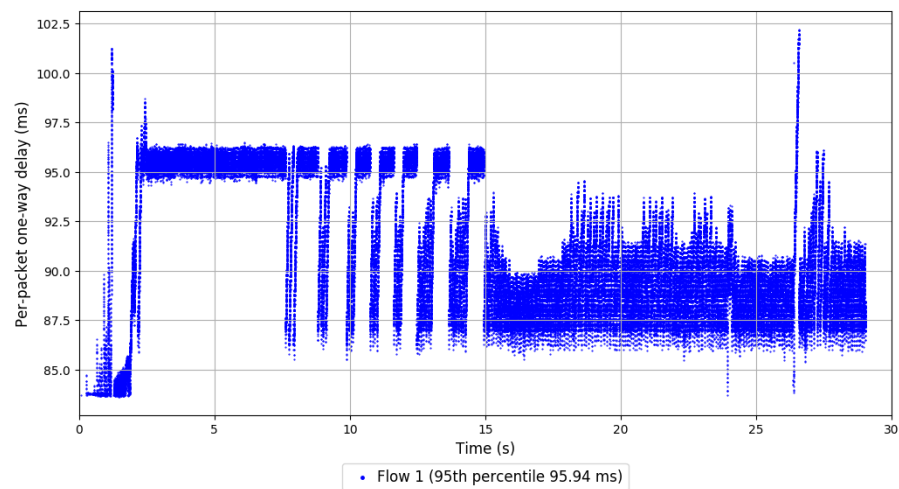
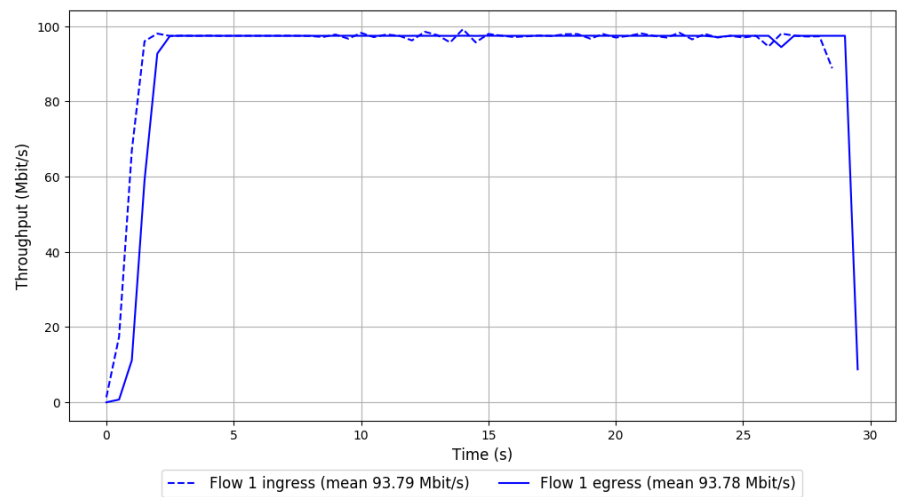
-- Flow 1:

Average throughput: 93.78 Mbit/s

95th percentile per-packet one-way delay: 95.940 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

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

End at: 2019-02-05 03:04:06

Local clock offset: -7.948 ms

Remote clock offset: 3.514 ms

Below is generated by plot.py at 2019-02-05 04:32:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.50 Mbit/s

95th percentile per-packet one-way delay: 95.690 ms

Loss rate: 0.00%

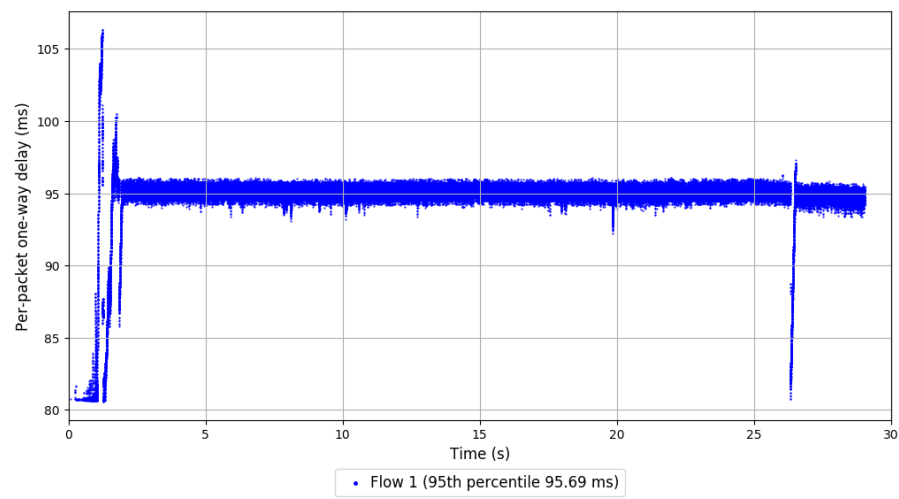
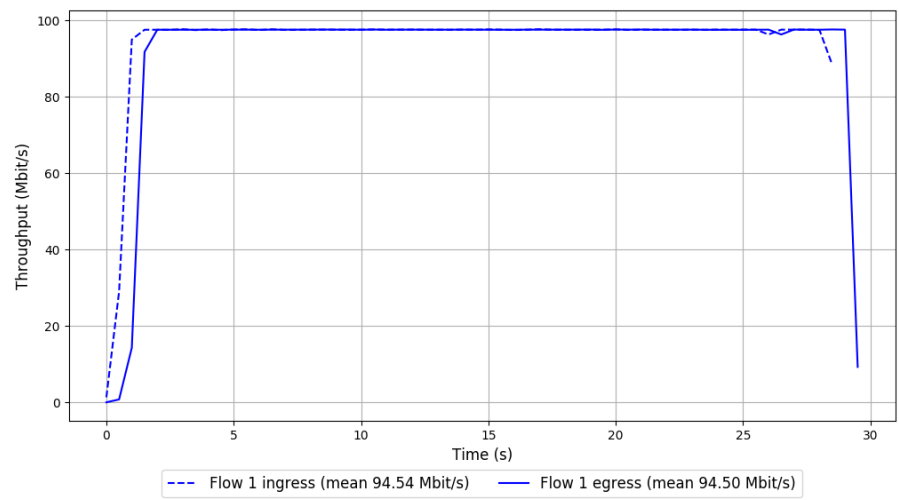
-- Flow 1:

Average throughput: 94.50 Mbit/s

95th percentile per-packet one-way delay: 95.690 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-02-05 03:28:16

End at: 2019-02-05 03:28:46

Local clock offset: -3.036 ms

Remote clock offset: 2.34 ms

Below is generated by plot.py at 2019-02-05 04:33:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.09 Mbit/s

95th percentile per-packet one-way delay: 86.279 ms

Loss rate: 0.00%

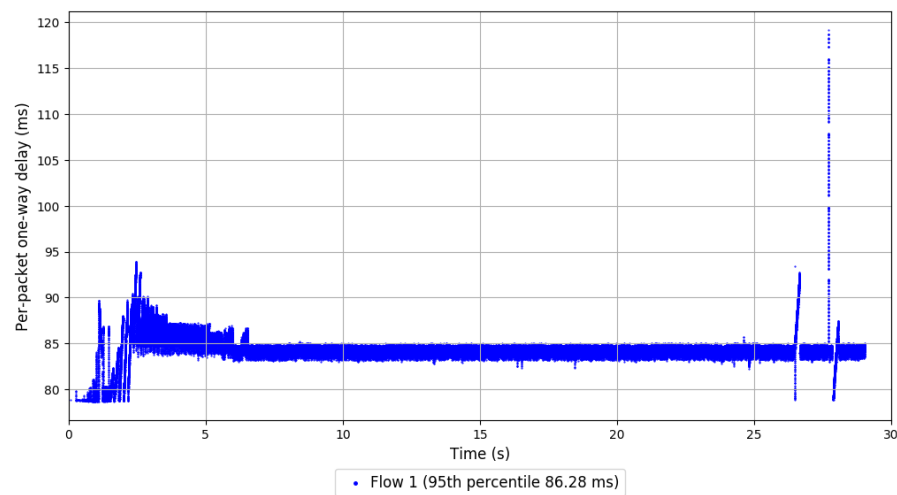
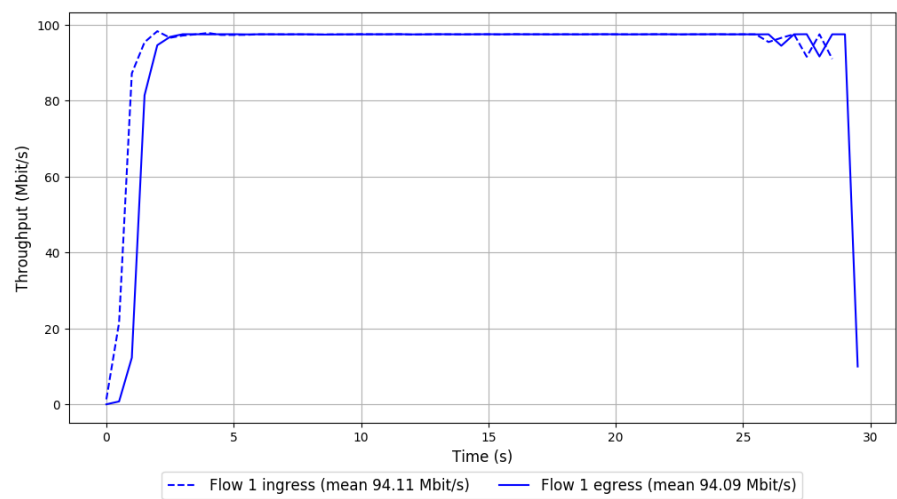
-- Flow 1:

Average throughput: 94.09 Mbit/s

95th percentile per-packet one-way delay: 86.279 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

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

End at: 2019-02-05 03:53:32

Local clock offset: -3.844 ms

Remote clock offset: 4.226 ms

Below is generated by plot.py at 2019-02-05 04:33:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.23 Mbit/s

95th percentile per-packet one-way delay: 87.687 ms

Loss rate: 0.34%

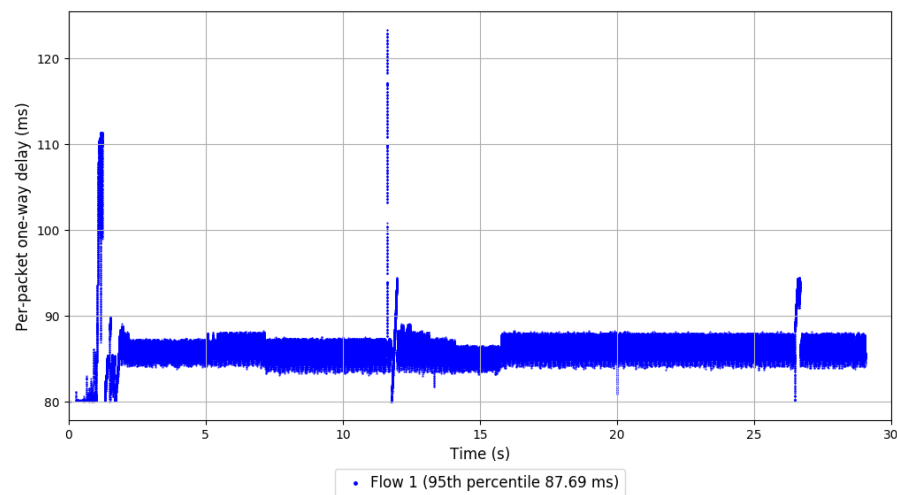
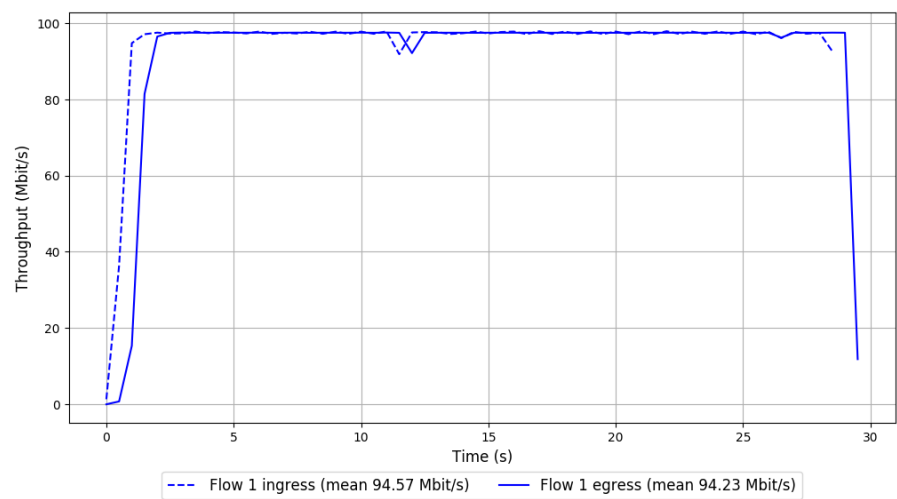
-- Flow 1:

Average throughput: 94.23 Mbit/s

95th percentile per-packet one-way delay: 87.687 ms

Loss rate: 0.34%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-02-05 04:17:53

End at: 2019-02-05 04:18:23

Local clock offset: -5.724 ms

Remote clock offset: 8.013 ms

Below is generated by plot.py at 2019-02-05 04:33:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.67 Mbit/s

95th percentile per-packet one-way delay: 97.145 ms

Loss rate: 0.00%

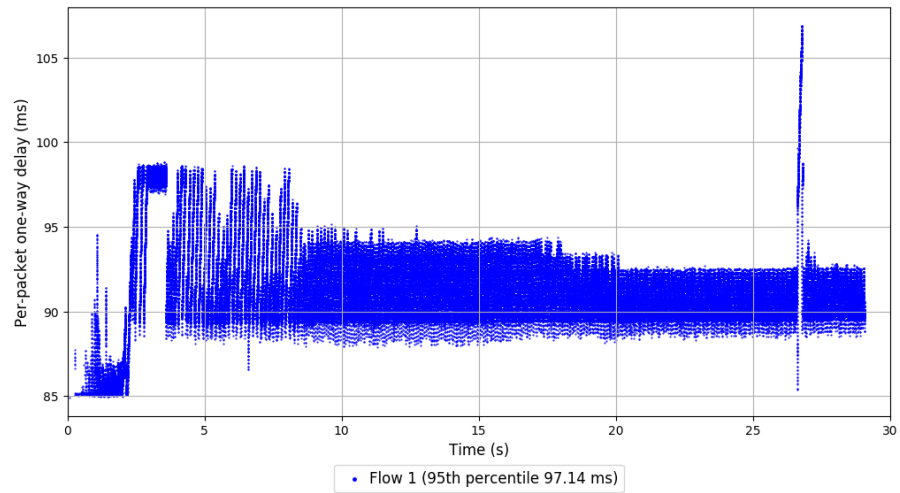
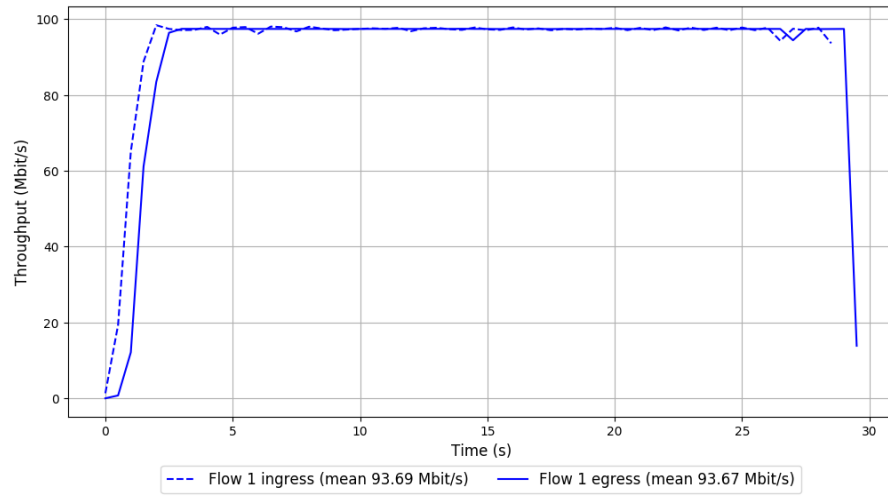
-- Flow 1:

Average throughput: 93.67 Mbit/s

95th percentile per-packet one-way delay: 97.145 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-02-05 02:29:30

End at: 2019-02-05 02:30:00

Local clock offset: -2.258 ms

Remote clock offset: 5.807 ms

Below is generated by plot.py at 2019-02-05 04:33:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.96 Mbit/s

95th percentile per-packet one-way delay: 91.690 ms

Loss rate: 0.17%

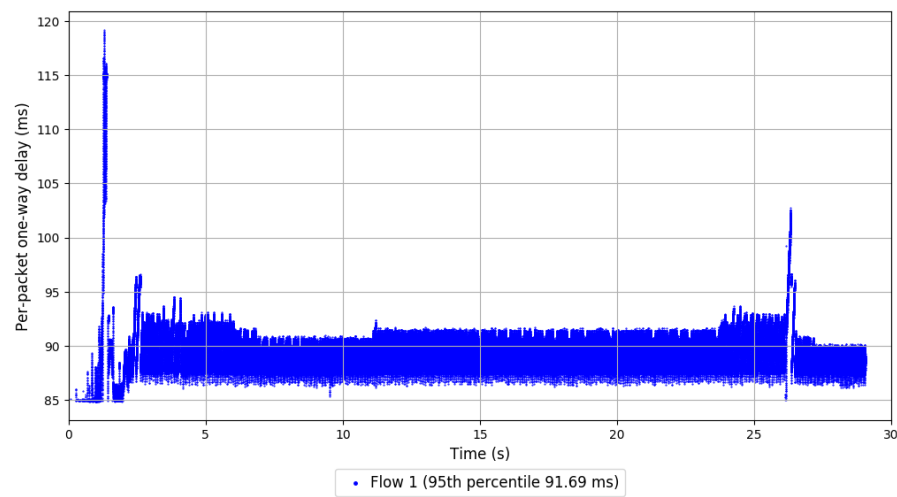
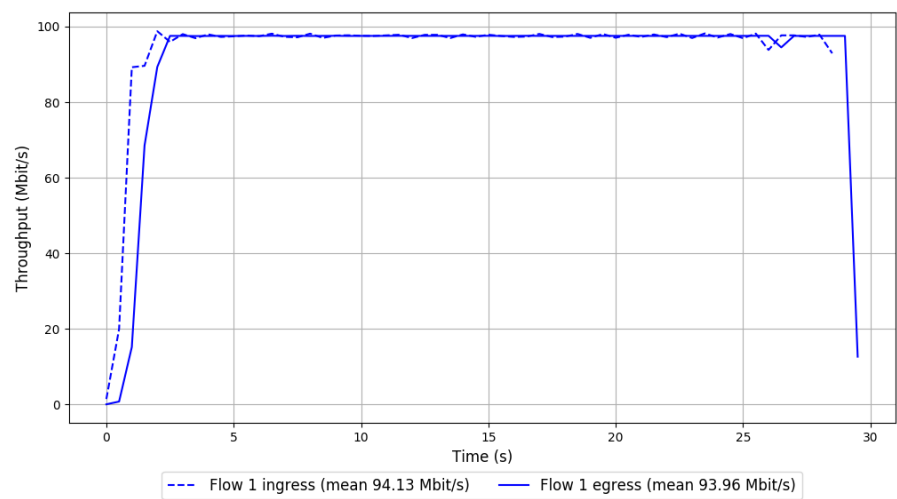
-- Flow 1:

Average throughput: 93.96 Mbit/s

95th percentile per-packet one-way delay: 91.690 ms

Loss rate: 0.17%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-02-05 02:54:13

End at: 2019-02-05 02:54:43

Local clock offset: -5.059 ms

Remote clock offset: 6.359 ms

Below is generated by plot.py at 2019-02-05 04:33:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.50 Mbit/s

95th percentile per-packet one-way delay: 89.022 ms

Loss rate: 0.67%

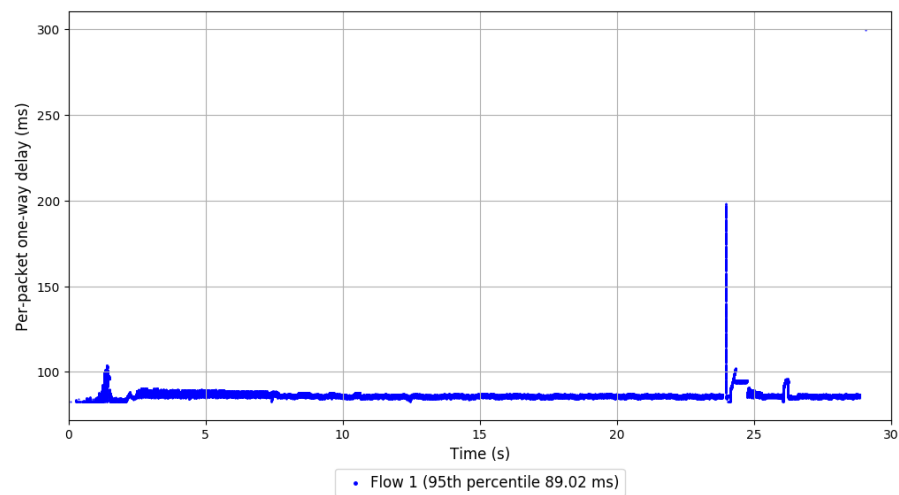
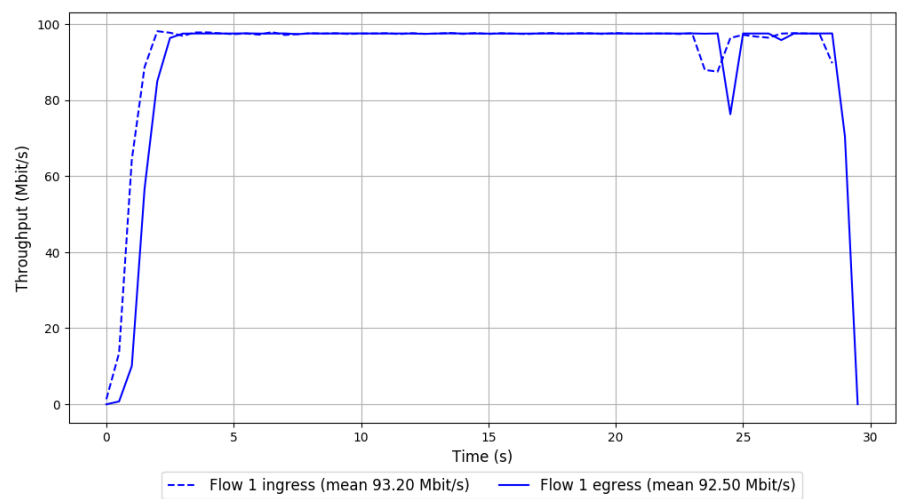
-- Flow 1:

Average throughput: 92.50 Mbit/s

95th percentile per-packet one-way delay: 89.022 ms

Loss rate: 0.67%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-02-05 03:18:53

End at: 2019-02-05 03:19:23

Local clock offset: -7.408 ms

Remote clock offset: 3.144 ms

Below is generated by plot.py at 2019-02-05 04:33:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.14 Mbit/s

95th percentile per-packet one-way delay: 92.828 ms

Loss rate: 0.01%

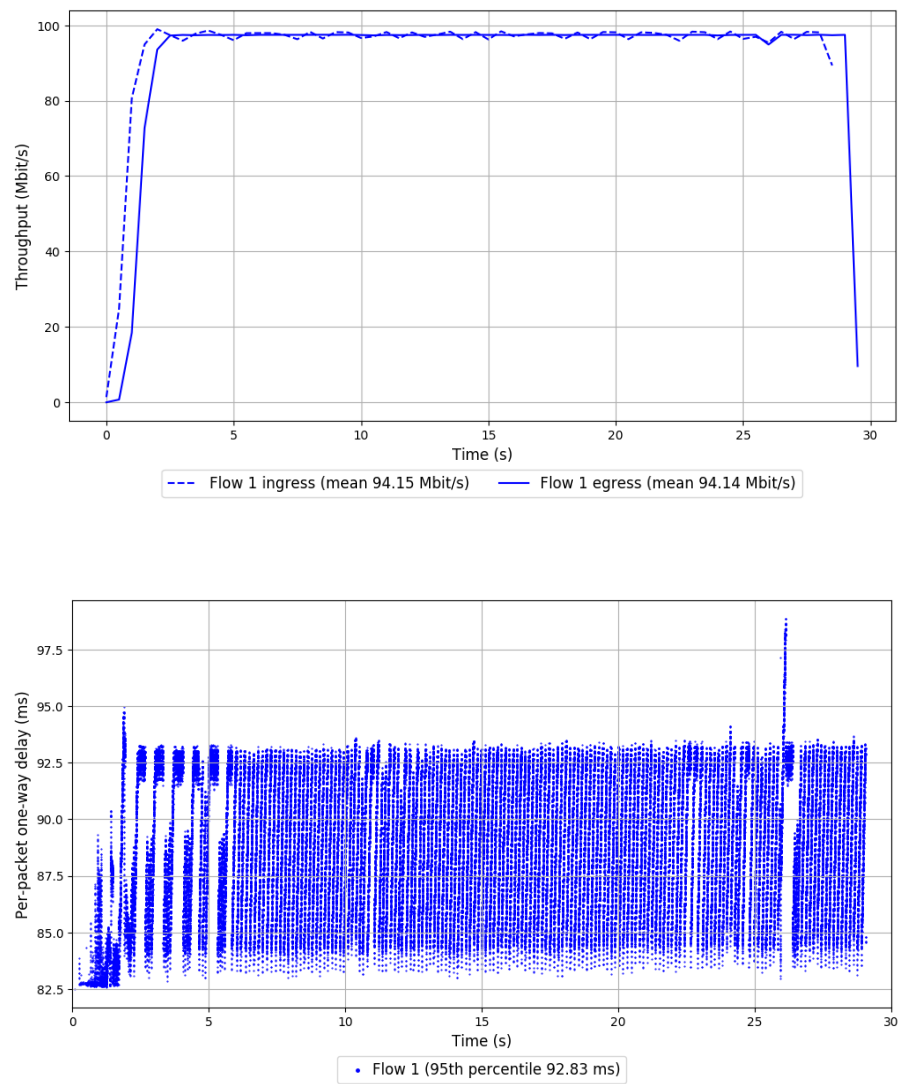
-- Flow 1:

Average throughput: 94.14 Mbit/s

95th percentile per-packet one-way delay: 92.828 ms

Loss rate: 0.01%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-02-05 03:43:37

End at: 2019-02-05 03:44:07

Local clock offset: -1.936 ms

Remote clock offset: 6.465 ms

Below is generated by plot.py at 2019-02-05 04:33:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.06 Mbit/s

95th percentile per-packet one-way delay: 92.245 ms

Loss rate: 0.00%

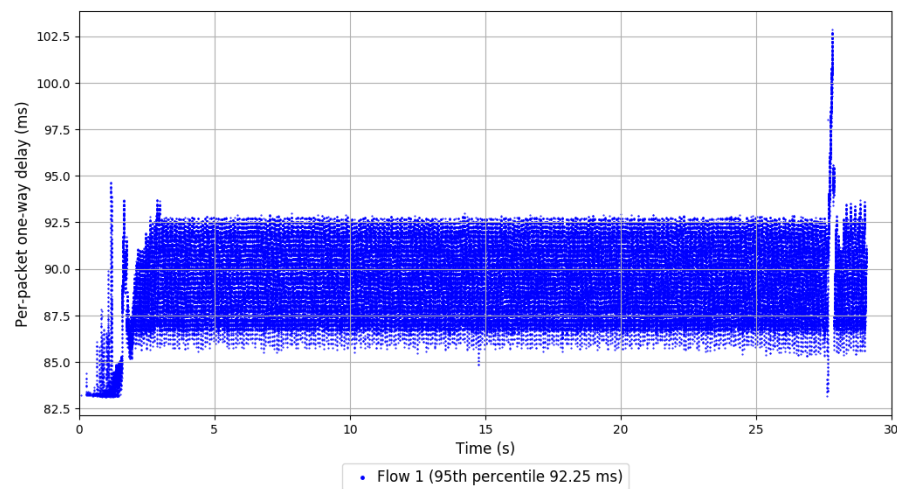
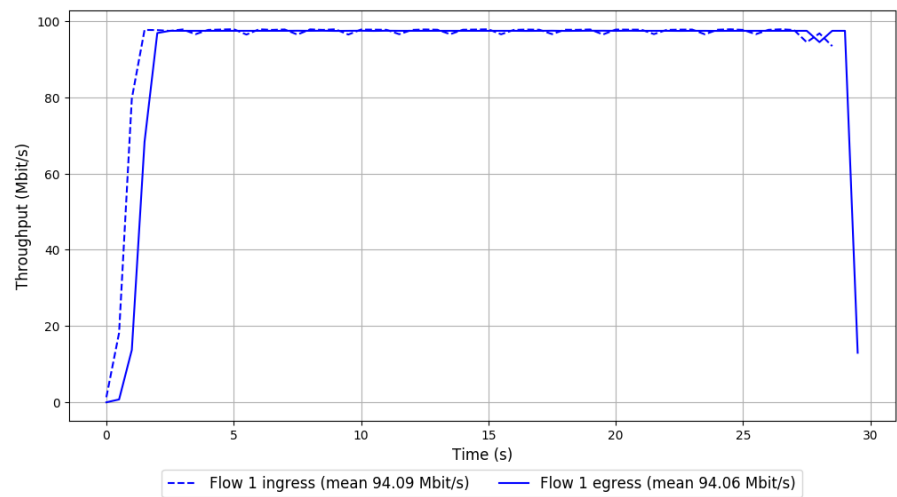
-- Flow 1:

Average throughput: 94.06 Mbit/s

95th percentile per-packet one-way delay: 92.245 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-02-05 04:08:27

End at: 2019-02-05 04:08:57

Local clock offset: -6.11 ms

Remote clock offset: 9.565 ms

Below is generated by plot.py at 2019-02-05 04:33:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.81 Mbit/s

95th percentile per-packet one-way delay: 96.635 ms

Loss rate: 0.08%

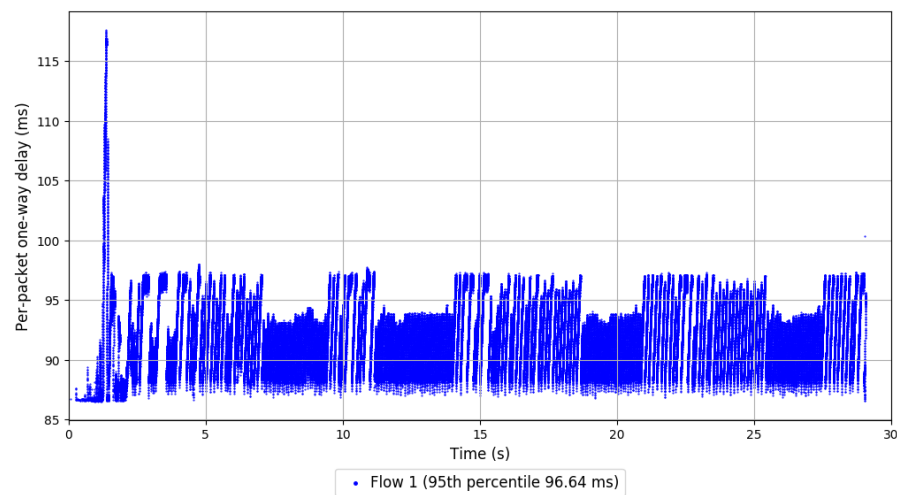
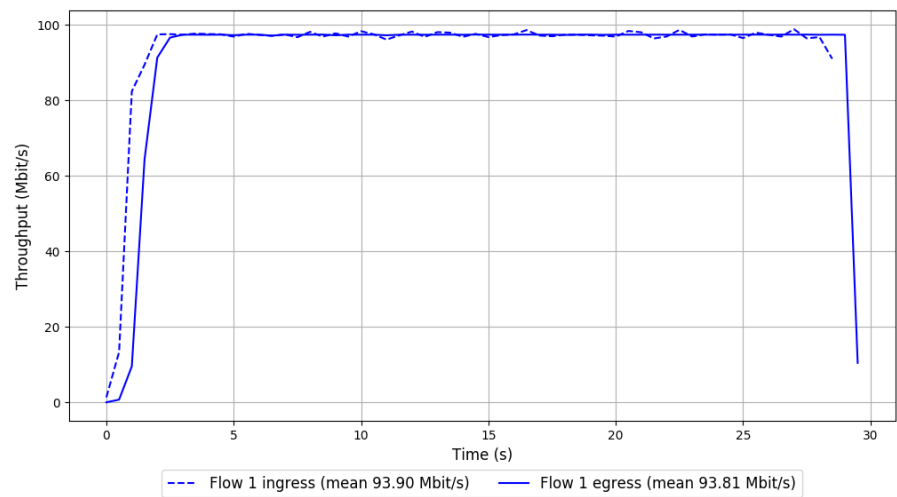
-- Flow 1:

Average throughput: 93.81 Mbit/s

95th percentile per-packet one-way delay: 96.635 ms

Loss rate: 0.08%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-02-05 02:40:06

End at: 2019-02-05 02:40:36

Local clock offset: -1.343 ms

Remote clock offset: 2.273 ms

Below is generated by plot.py at 2019-02-05 04:34:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 93.599 ms

Loss rate: 1.34%

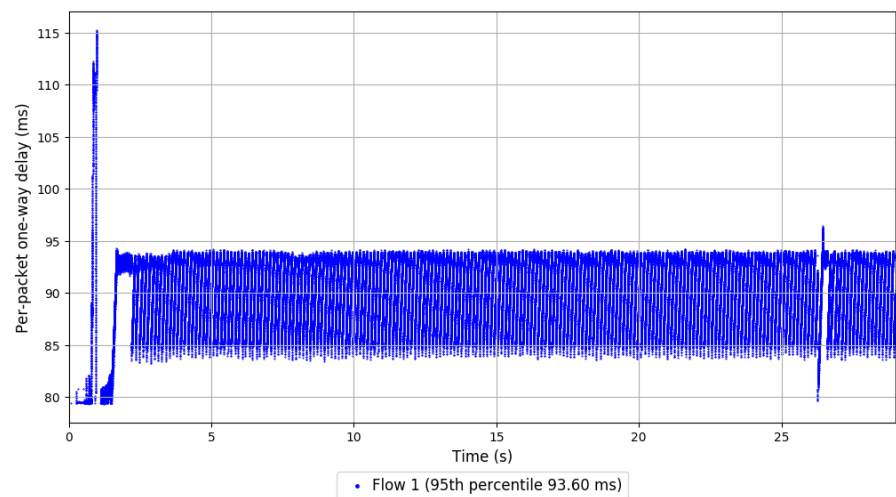
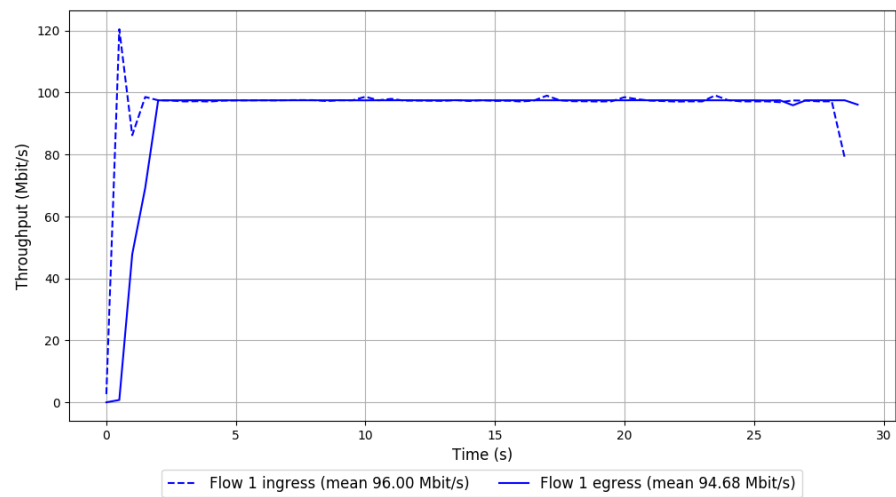
-- Flow 1:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 93.599 ms

Loss rate: 1.34%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-02-05 03:04:48

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

Local clock offset: -8.124 ms

Remote clock offset: 2.445 ms

Below is generated by plot.py at 2019-02-05 04:34:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.99 Mbit/s

95th percentile per-packet one-way delay: 93.570 ms

Loss rate: 0.54%

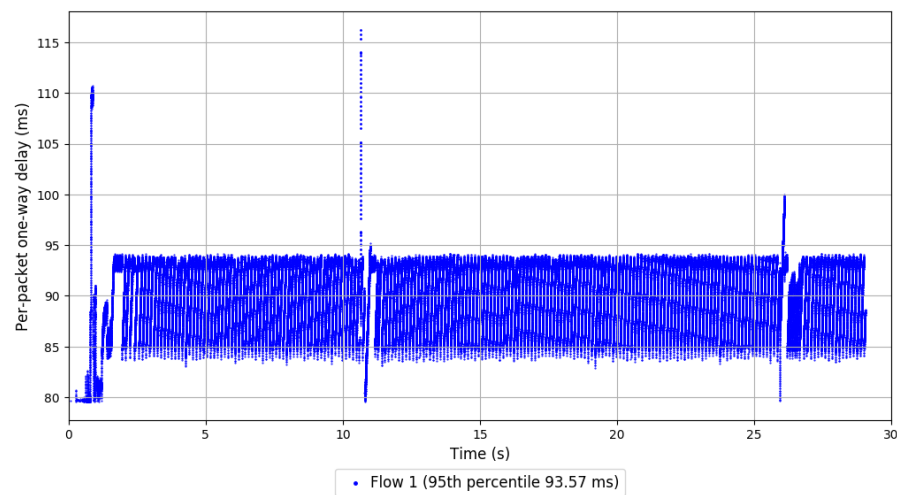
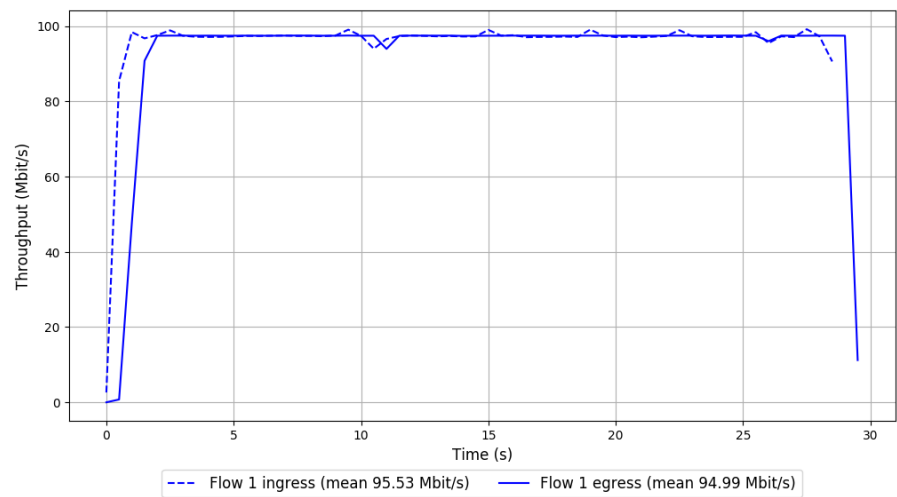
-- Flow 1:

Average throughput: 94.99 Mbit/s

95th percentile per-packet one-way delay: 93.570 ms

Loss rate: 0.54%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-02-05 03:29:28

End at: 2019-02-05 03:29:58

Local clock offset: -3.536 ms

Remote clock offset: 7.179 ms

Below is generated by plot.py at 2019-02-05 04:34:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.34 Mbit/s

95th percentile per-packet one-way delay: 99.290 ms

Loss rate: 1.29%

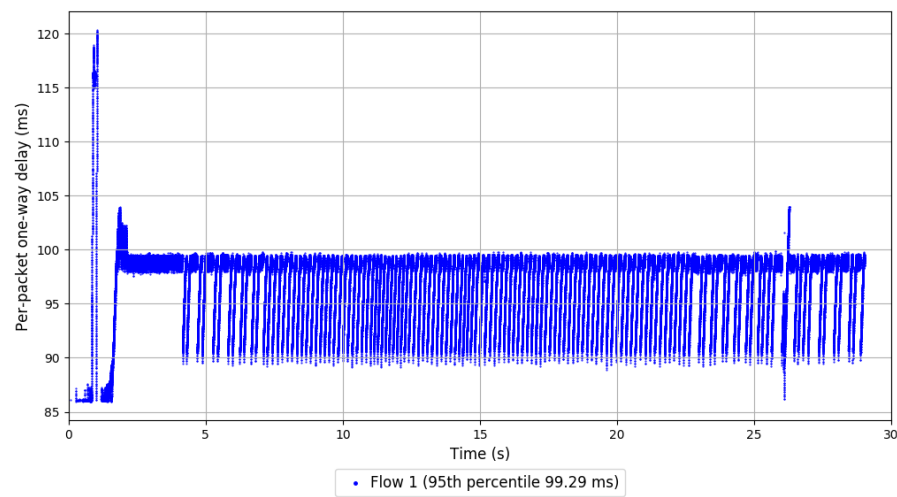
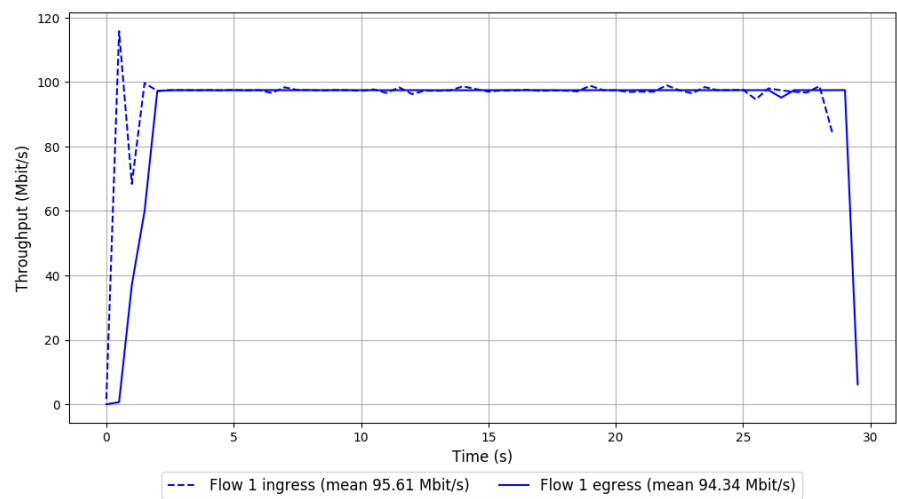
-- Flow 1:

Average throughput: 94.34 Mbit/s

95th percentile per-packet one-way delay: 99.290 ms

Loss rate: 1.29%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-02-05 03:54:17

End at: 2019-02-05 03:54:48

Local clock offset: -4.188 ms

Remote clock offset: 9.375 ms

Below is generated by plot.py at 2019-02-05 04:34:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 98.608 ms

Loss rate: 1.28%

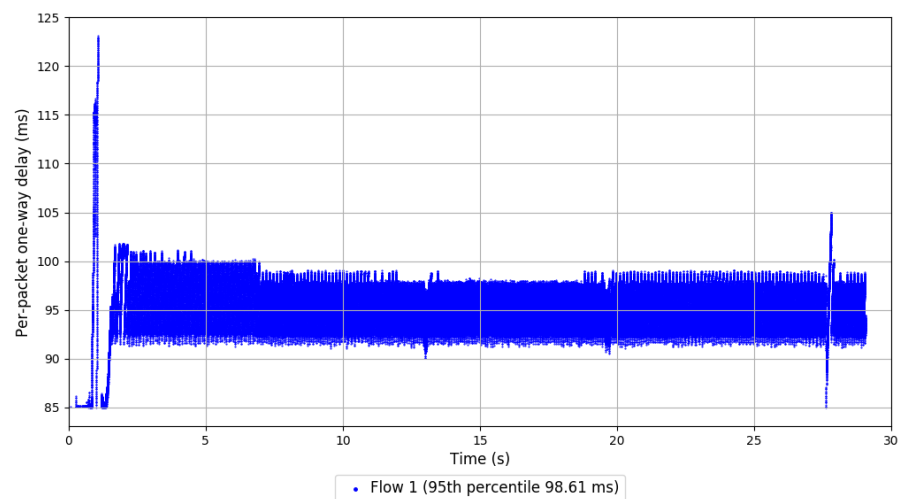
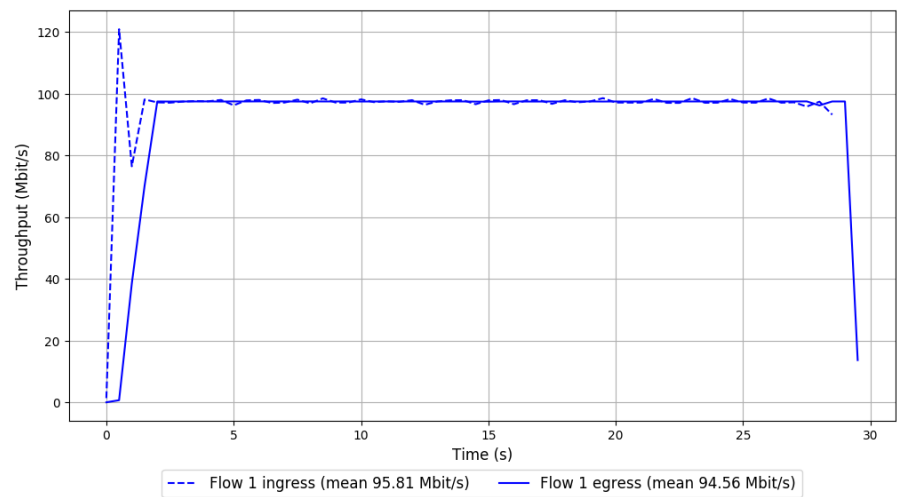
-- Flow 1:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 98.608 ms

Loss rate: 1.28%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-02-05 04:19:06

End at: 2019-02-05 04:19:36

Local clock offset: -5.201 ms

Remote clock offset: 6.981 ms

Below is generated by plot.py at 2019-02-05 04:34:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.82 Mbit/s

95th percentile per-packet one-way delay: 97.037 ms

Loss rate: 2.45%

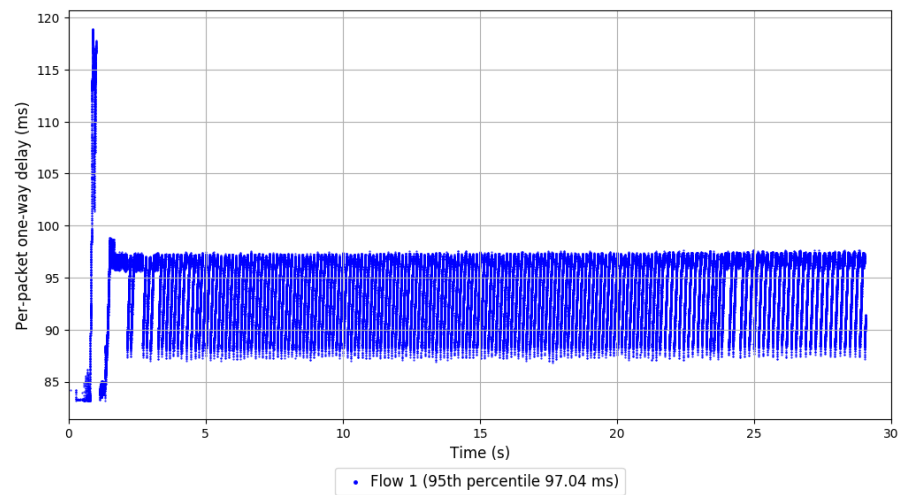
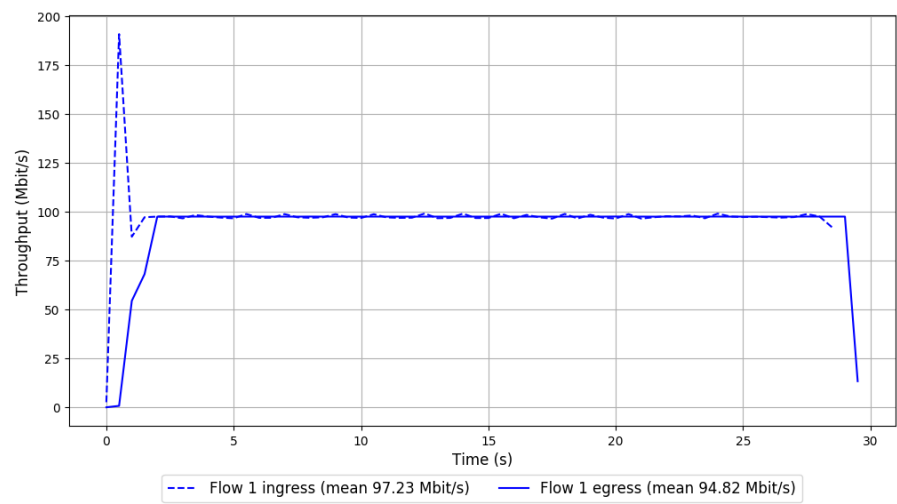
-- Flow 1:

Average throughput: 94.82 Mbit/s

95th percentile per-packet one-way delay: 97.037 ms

Loss rate: 2.45%

Run 5: Report of Indigo-MusesT — Data Link



Run 1: Statistics of LEDBAT

Start at: 2019-02-05 02:23:36

End at: 2019-02-05 02:24:06

Local clock offset: -2.301 ms

Remote clock offset: 5.595 ms

Below is generated by plot.py at 2019-02-05 04:34:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.71 Mbit/s

95th percentile per-packet one-way delay: 87.895 ms

Loss rate: 0.00%

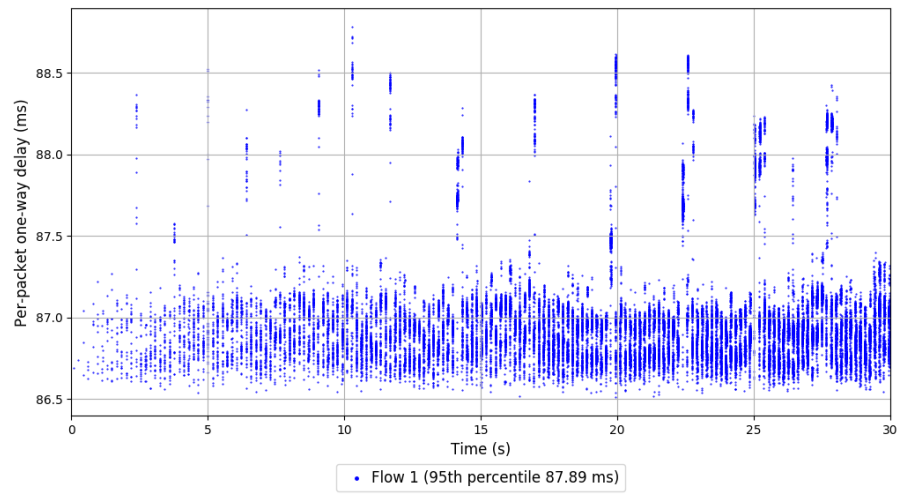
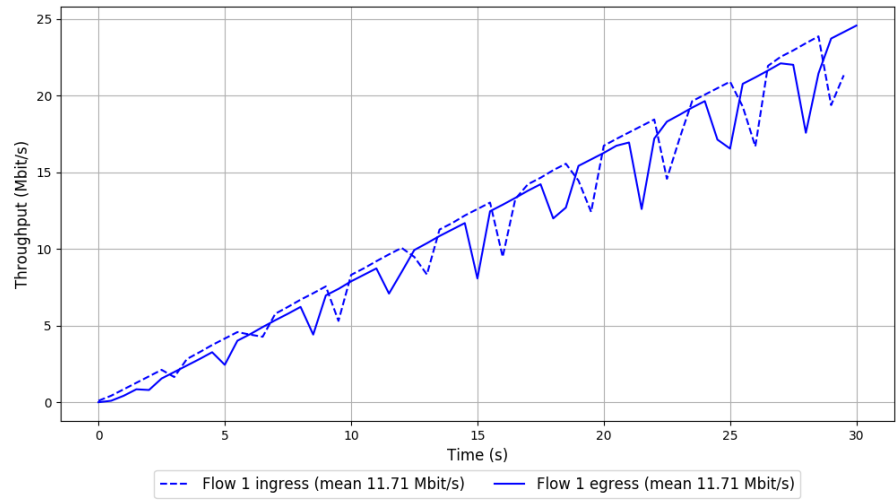
-- Flow 1:

Average throughput: 11.71 Mbit/s

95th percentile per-packet one-way delay: 87.895 ms

Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-02-05 02:48:16

End at: 2019-02-05 02:48:46

Local clock offset: -2.567 ms

Remote clock offset: 7.21 ms

Below is generated by plot.py at 2019-02-05 04:34:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.95 Mbit/s

95th percentile per-packet one-way delay: 86.519 ms

Loss rate: 0.00%

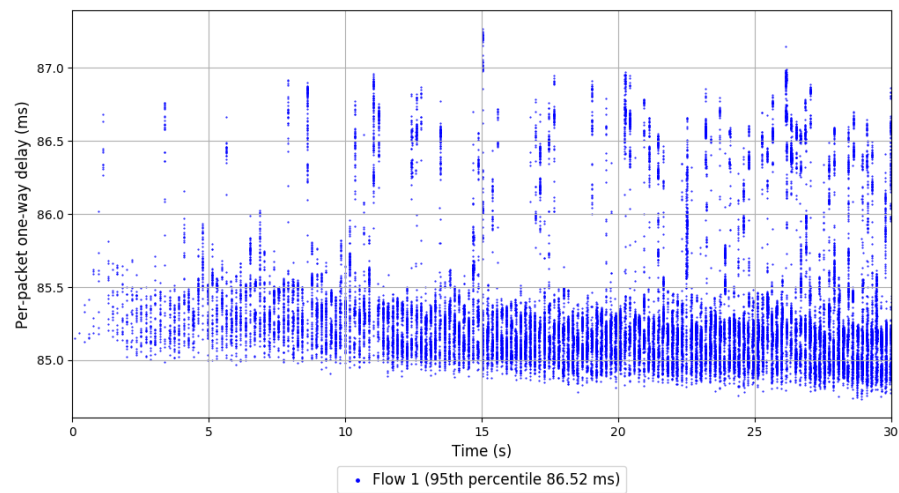
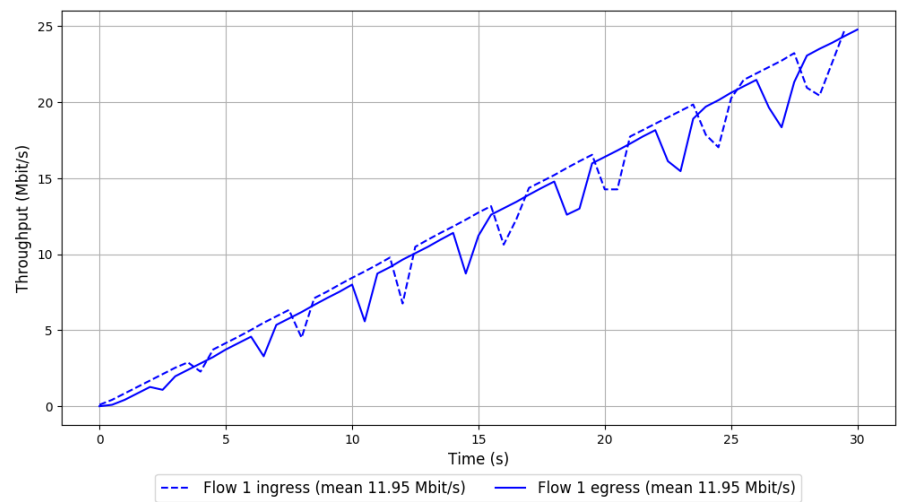
-- Flow 1:

Average throughput: 11.95 Mbit/s

95th percentile per-packet one-way delay: 86.519 ms

Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-02-05 03:12:58

End at: 2019-02-05 03:13:28

Local clock offset: -9.03 ms

Remote clock offset: 6.12 ms

Below is generated by plot.py at 2019-02-05 04:34:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.90 Mbit/s

95th percentile per-packet one-way delay: 86.317 ms

Loss rate: 0.00%

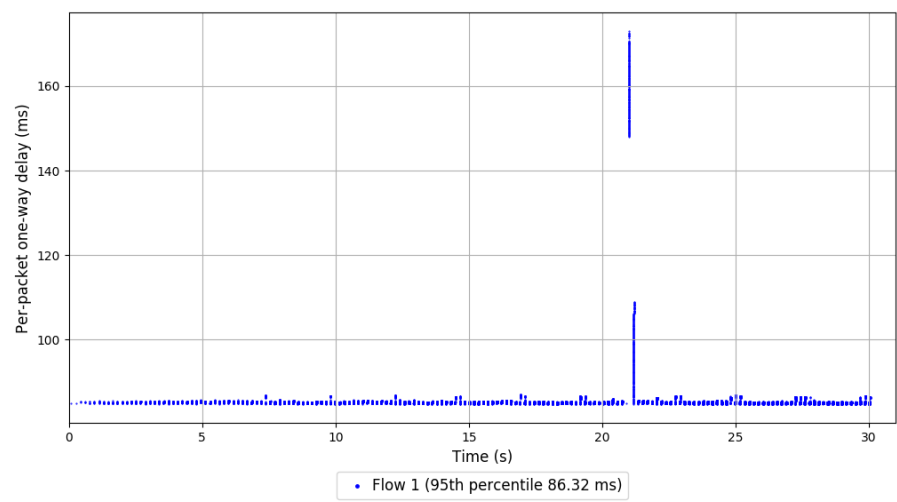
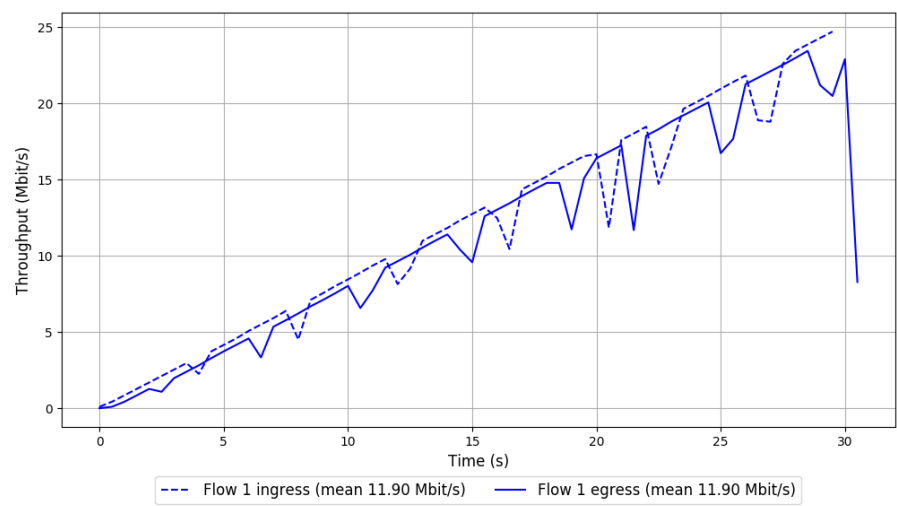
-- Flow 1:

Average throughput: 11.90 Mbit/s

95th percentile per-packet one-way delay: 86.317 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-02-05 03:37:38

End at: 2019-02-05 03:38:08

Local clock offset: -1.736 ms

Remote clock offset: 2.414 ms

Below is generated by plot.py at 2019-02-05 04:34:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.16 Mbit/s

95th percentile per-packet one-way delay: 80.904 ms

Loss rate: 0.01%

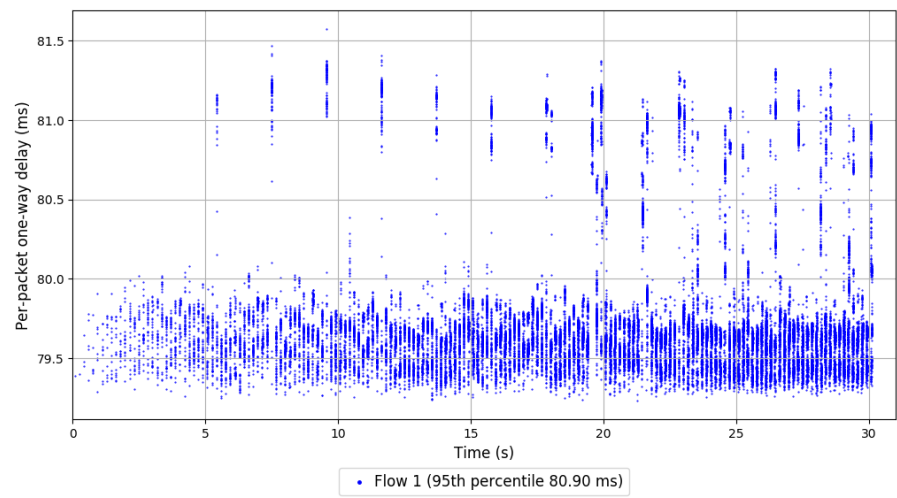
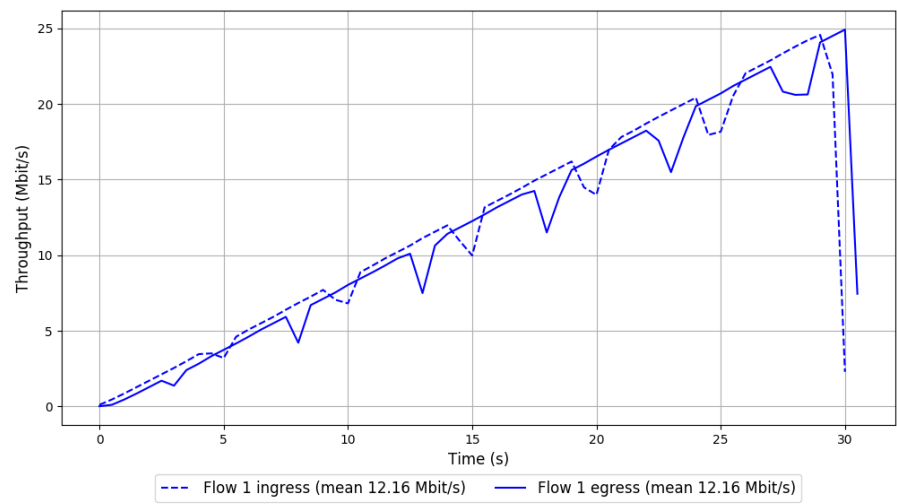
-- Flow 1:

Average throughput: 12.16 Mbit/s

95th percentile per-packet one-way delay: 80.904 ms

Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

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

End at: 2019-02-05 04:03:01

Local clock offset: -5.549 ms

Remote clock offset: 8.215 ms

Below is generated by plot.py at 2019-02-05 04:34:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.10 Mbit/s

95th percentile per-packet one-way delay: 85.700 ms

Loss rate: 0.00%

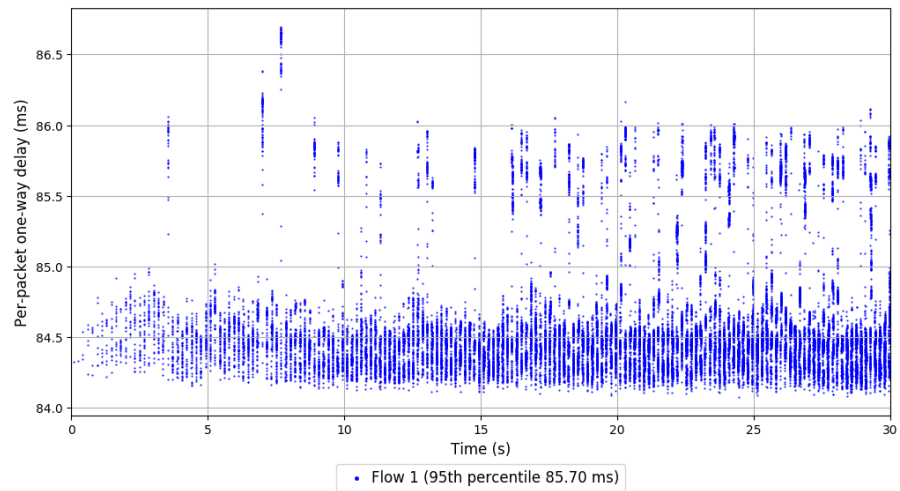
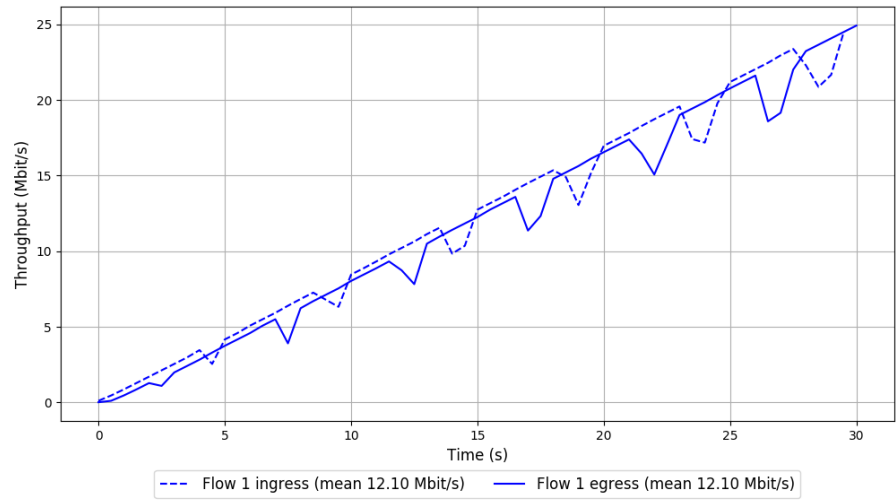
-- Flow 1:

Average throughput: 12.10 Mbit/s

95th percentile per-packet one-way delay: 85.700 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-02-05 02:45:57

End at: 2019-02-05 02:46:27

Local clock offset: -1.289 ms

Remote clock offset: 6.057 ms

Below is generated by plot.py at 2019-02-05 04:35:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.71 Mbit/s

95th percentile per-packet one-way delay: 95.290 ms

Loss rate: 1.46%

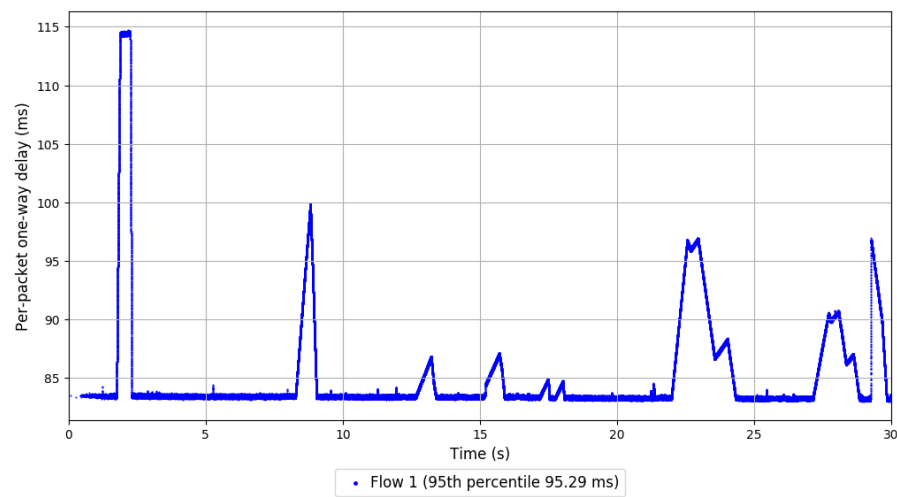
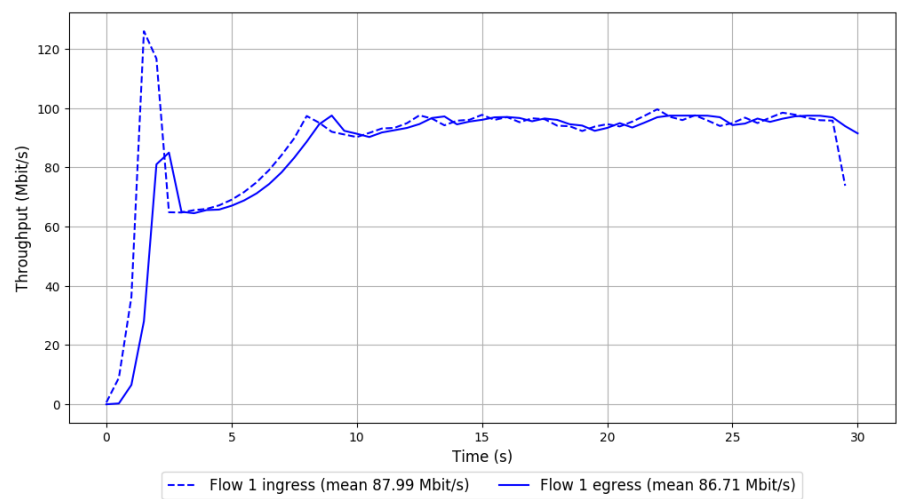
-- Flow 1:

Average throughput: 86.71 Mbit/s

95th percentile per-packet one-way delay: 95.290 ms

Loss rate: 1.46%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-02-05 03:10:40

End at: 2019-02-05 03:11:10

Local clock offset: -8.049 ms

Remote clock offset: 6.036 ms

Below is generated by plot.py at 2019-02-05 04:35:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.40 Mbit/s

95th percentile per-packet one-way delay: 100.342 ms

Loss rate: 1.49%

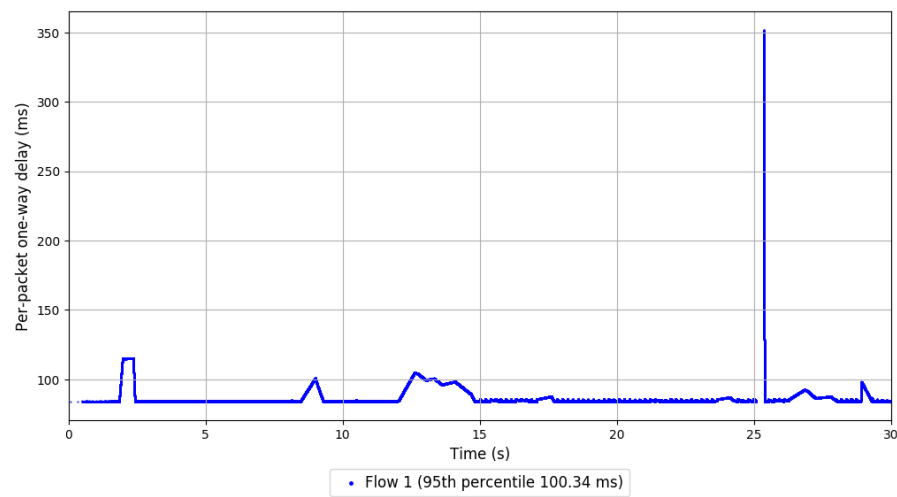
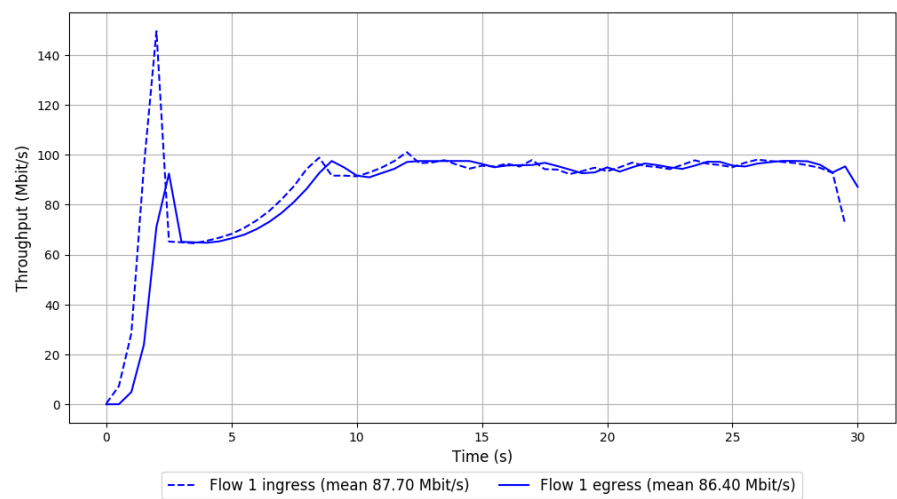
-- Flow 1:

Average throughput: 86.40 Mbit/s

95th percentile per-packet one-way delay: 100.342 ms

Loss rate: 1.49%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-02-05 03:35:19

End at: 2019-02-05 03:35:49

Local clock offset: -1.913 ms

Remote clock offset: 7.29 ms

Below is generated by plot.py at 2019-02-05 04:35:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.49 Mbit/s

95th percentile per-packet one-way delay: 93.258 ms

Loss rate: 1.50%

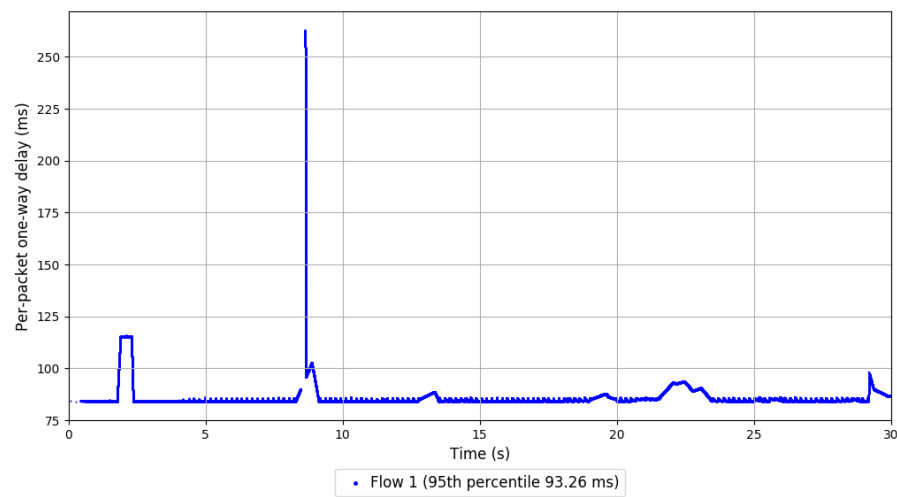
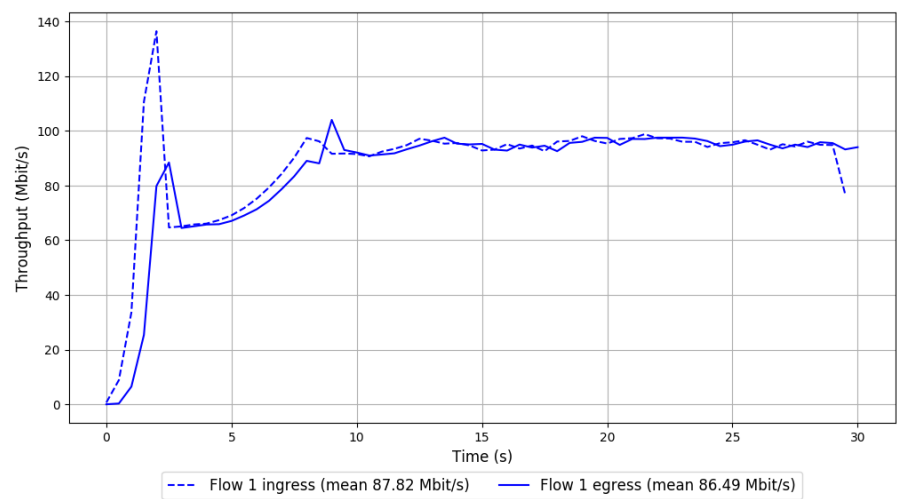
-- Flow 1:

Average throughput: 86.49 Mbit/s

95th percentile per-packet one-way delay: 93.258 ms

Loss rate: 1.50%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-02-05 04:00:12

End at: 2019-02-05 04:00:42

Local clock offset: -5.328 ms

Remote clock offset: 9.127 ms

Below is generated by plot.py at 2019-02-05 04:35:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.06 Mbit/s

95th percentile per-packet one-way delay: 102.919 ms

Loss rate: 1.48%

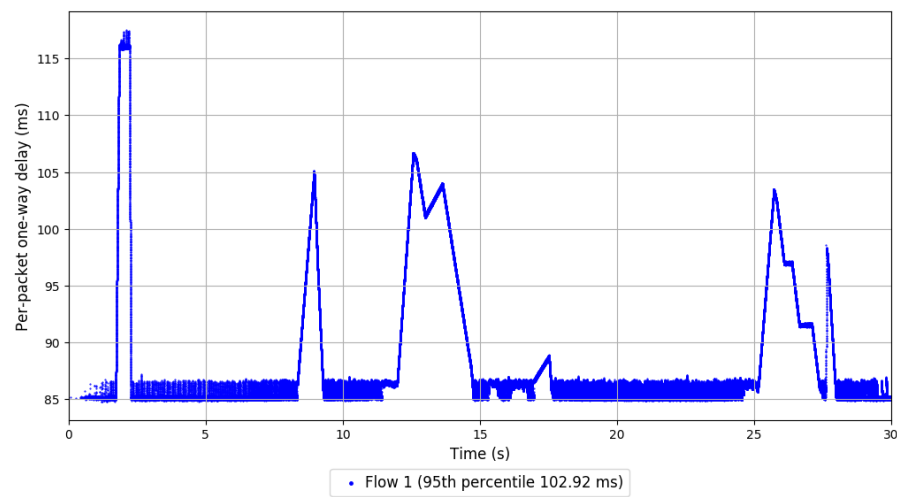
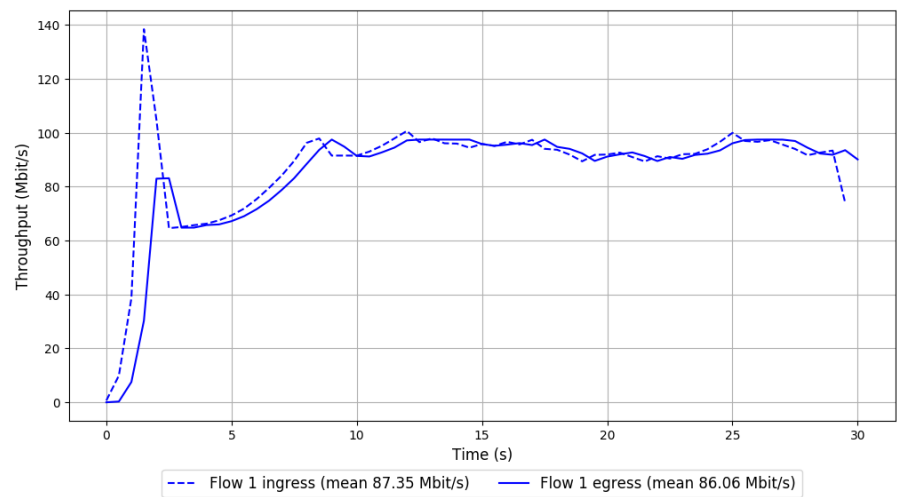
-- Flow 1:

Average throughput: 86.06 Mbit/s

95th percentile per-packet one-way delay: 102.919 ms

Loss rate: 1.48%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-02-05 04:25:06

End at: 2019-02-05 04:25:36

Local clock offset: -3.425 ms

Remote clock offset: 6.728 ms

Below is generated by plot.py at 2019-02-05 04:36:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.34 Mbit/s

95th percentile per-packet one-way delay: 100.182 ms

Loss rate: 1.45%

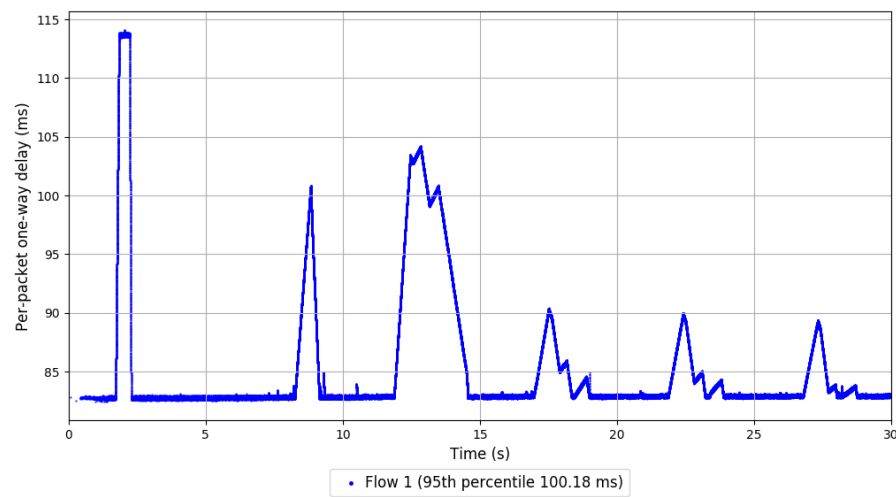
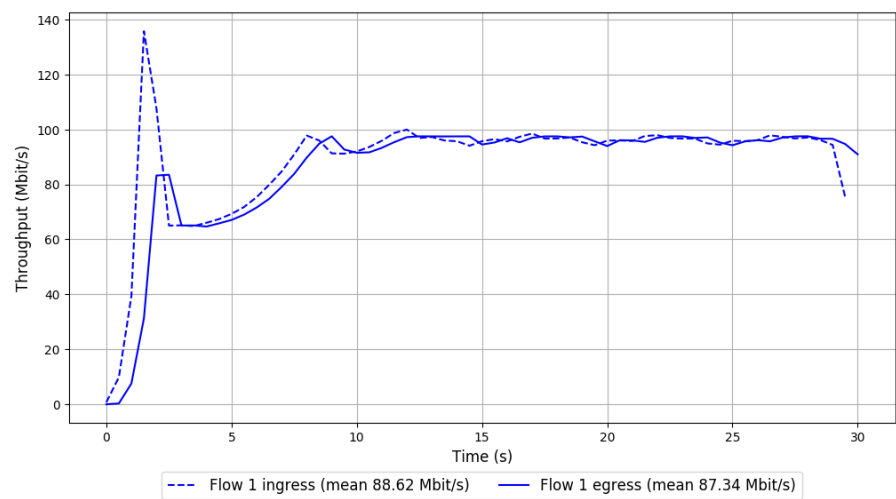
-- Flow 1:

Average throughput: 87.34 Mbit/s

95th percentile per-packet one-way delay: 100.182 ms

Loss rate: 1.45%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2019-02-05 02:35:25

End at: 2019-02-05 02:35:55

Local clock offset: -2.136 ms

Remote clock offset: 1.882 ms

Below is generated by plot.py at 2019-02-05 04:36:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.37 Mbit/s

95th percentile per-packet one-way delay: 81.048 ms

Loss rate: 44.16%

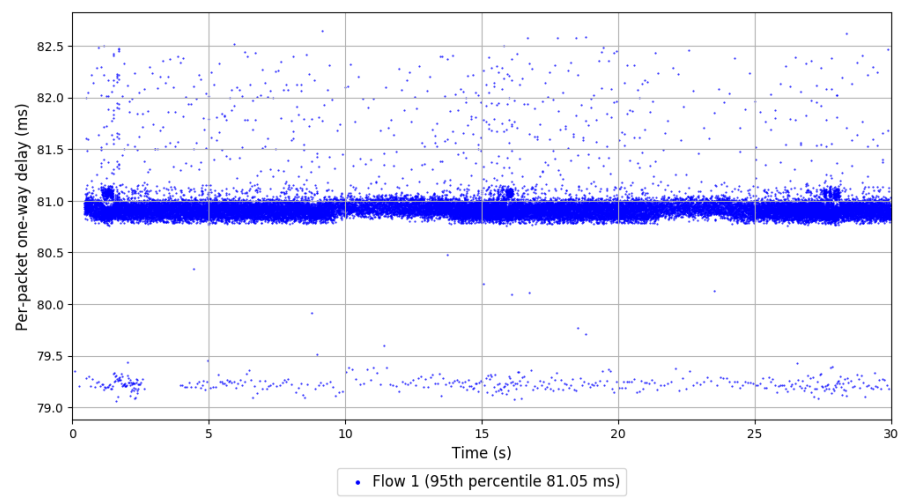
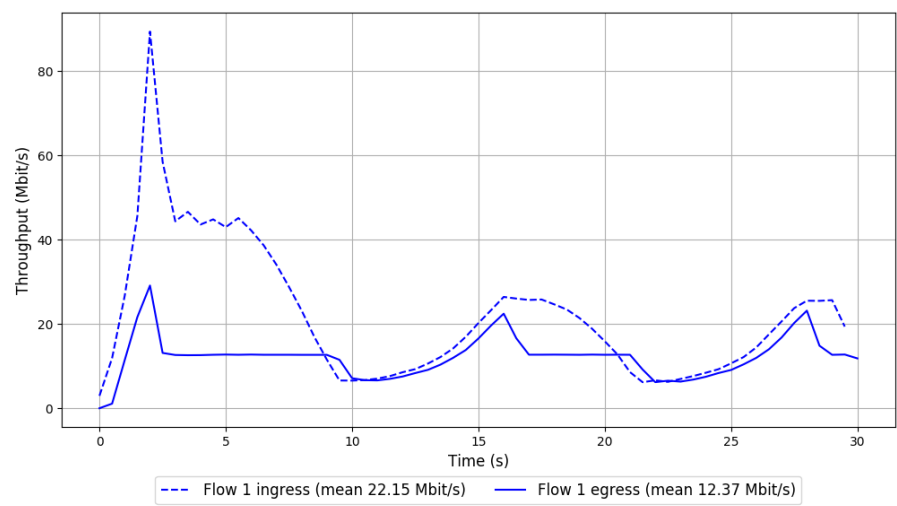
-- Flow 1:

Average throughput: 12.37 Mbit/s

95th percentile per-packet one-way delay: 81.048 ms

Loss rate: 44.16%

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2019-02-05 03:00:08

End at: 2019-02-05 03:00:38

Local clock offset: -6.557 ms

Remote clock offset: 3.607 ms

Below is generated by plot.py at 2019-02-05 04:36:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.55 Mbit/s

95th percentile per-packet one-way delay: 81.586 ms

Loss rate: 57.96%

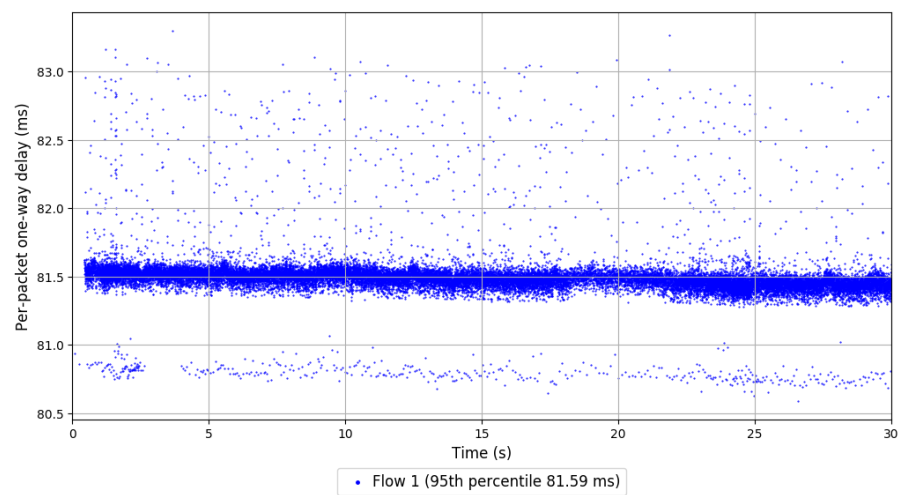
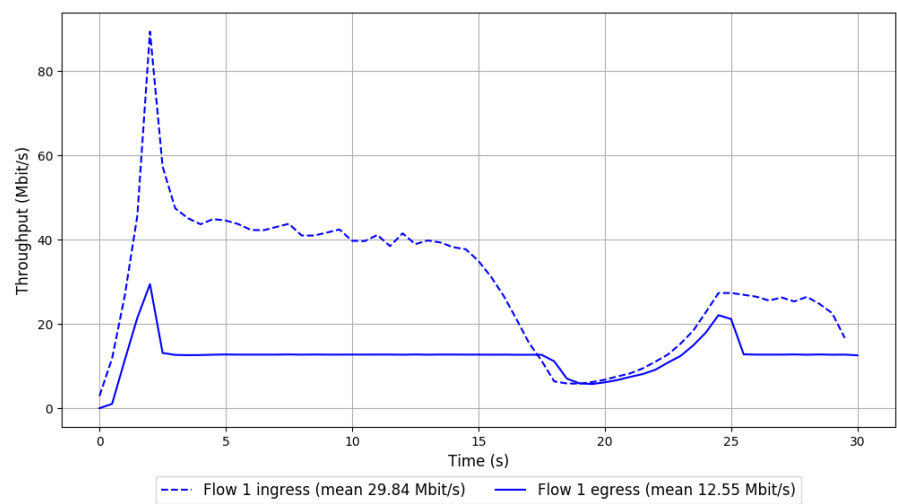
-- Flow 1:

Average throughput: 12.55 Mbit/s

95th percentile per-packet one-way delay: 81.586 ms

Loss rate: 57.96%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2019-02-05 03:24:48

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

Local clock offset: -4.007 ms

Remote clock offset: 7.301 ms

Below is generated by plot.py at 2019-02-05 04:36:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.69 Mbit/s

95th percentile per-packet one-way delay: 85.735 ms

Loss rate: 49.32%

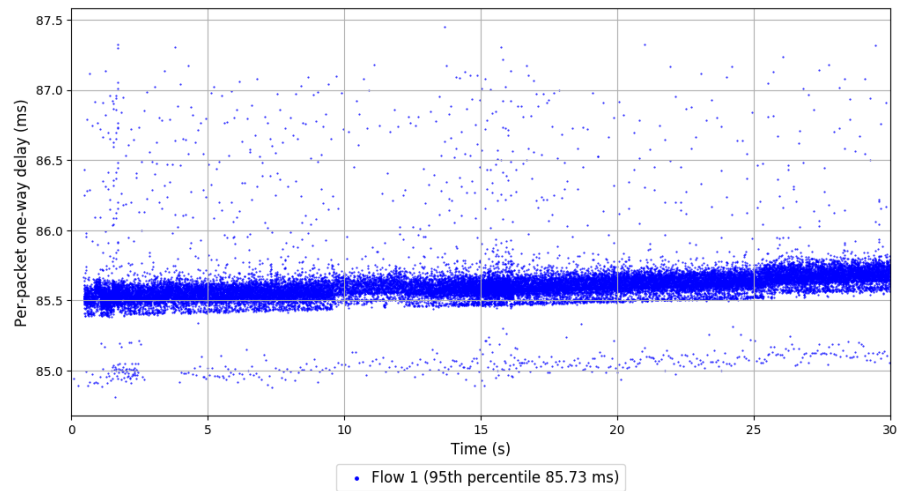
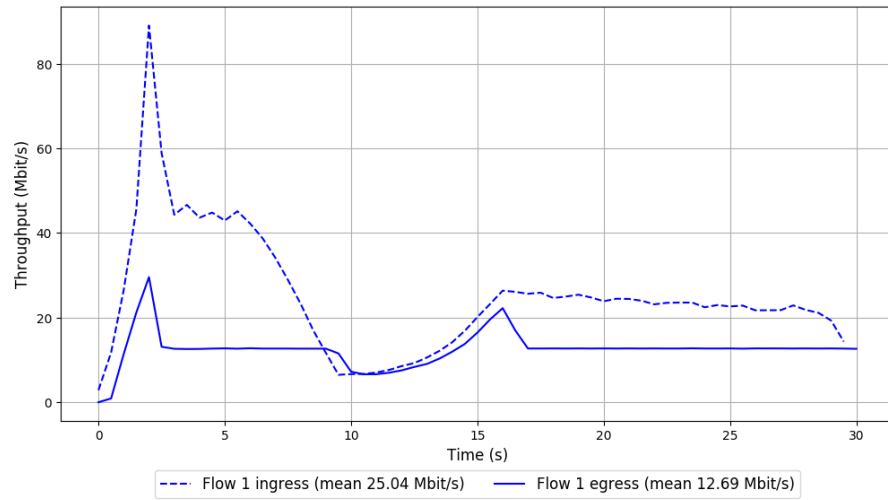
-- Flow 1:

Average throughput: 12.69 Mbit/s

95th percentile per-packet one-way delay: 85.735 ms

Loss rate: 49.32%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2019-02-05 03:49:32

End at: 2019-02-05 03:50:02

Local clock offset: -2.711 ms

Remote clock offset: 9.219 ms

Below is generated by plot.py at 2019-02-05 04:36:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.04 Mbit/s

95th percentile per-packet one-way delay: 85.063 ms

Loss rate: 54.94%

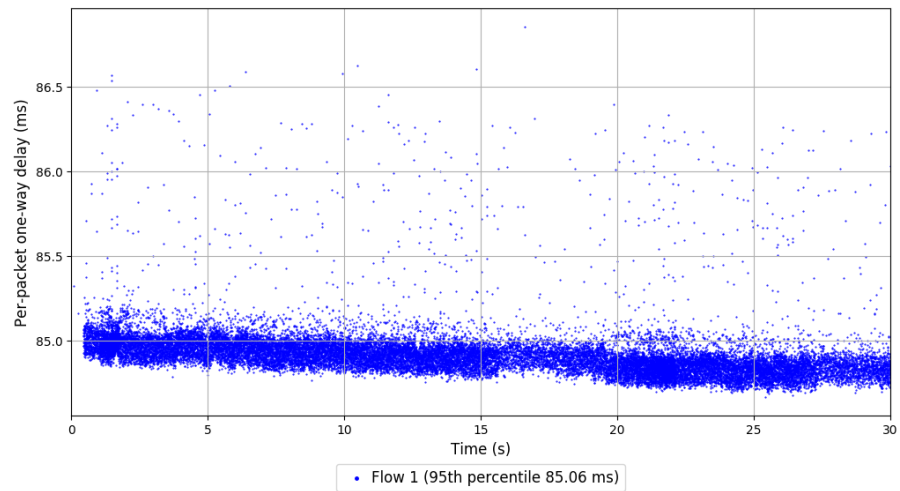
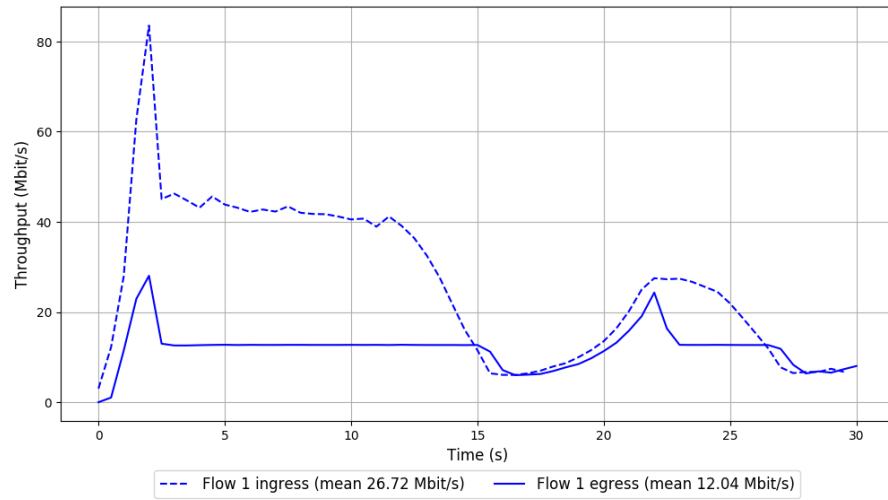
-- Flow 1:

Average throughput: 12.04 Mbit/s

95th percentile per-packet one-way delay: 85.063 ms

Loss rate: 54.94%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2019-02-05 04:14:24

End at: 2019-02-05 04:14:54

Local clock offset: -6.549 ms

Remote clock offset: 4.565 ms

Below is generated by plot.py at 2019-02-05 04:36:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.39 Mbit/s

95th percentile per-packet one-way delay: 80.100 ms

Loss rate: 44.24%

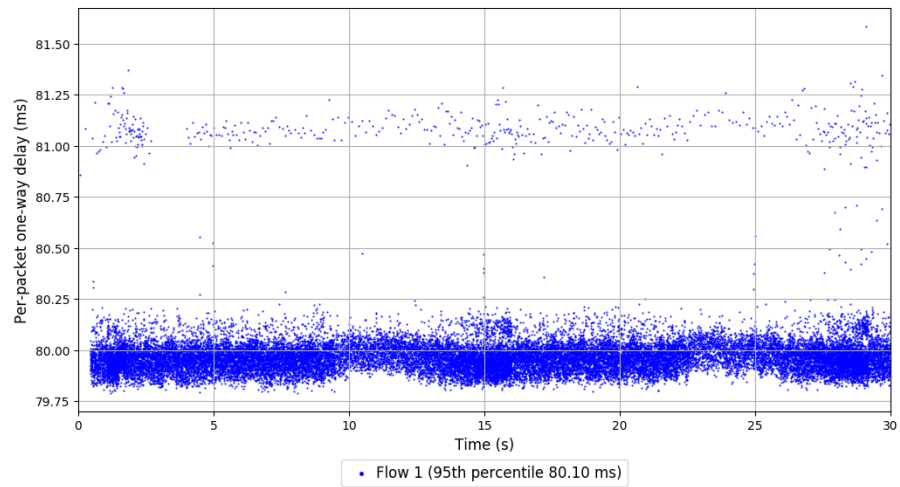
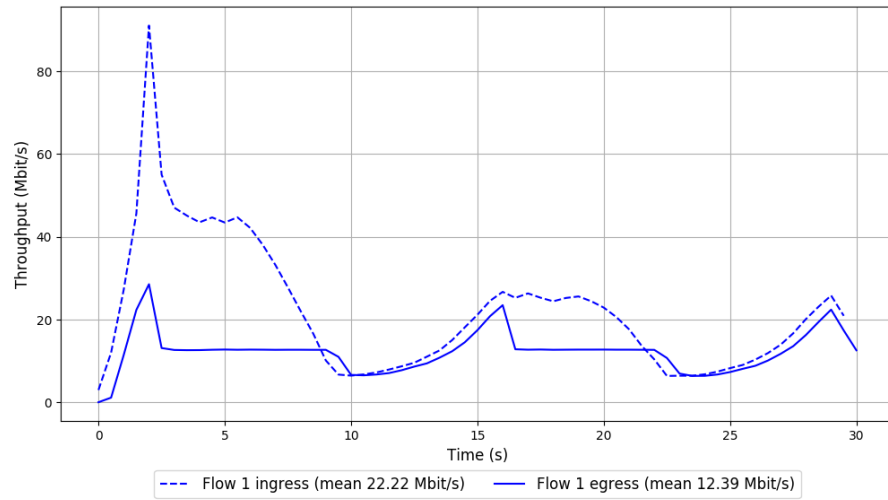
-- Flow 1:

Average throughput: 12.39 Mbit/s

95th percentile per-packet one-way delay: 80.100 ms

Loss rate: 44.24%

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-02-05 02:34:14

End at: 2019-02-05 02:34:44

Local clock offset: -2.133 ms

Remote clock offset: 6.059 ms

Below is generated by plot.py at 2019-02-05 04:36:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.18 Mbit/s

95th percentile per-packet one-way delay: 104.235 ms

Loss rate: 0.42%

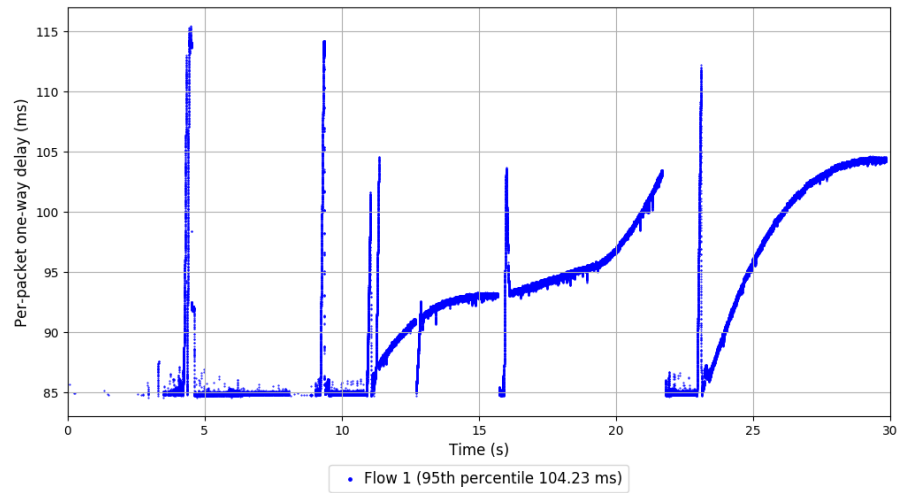
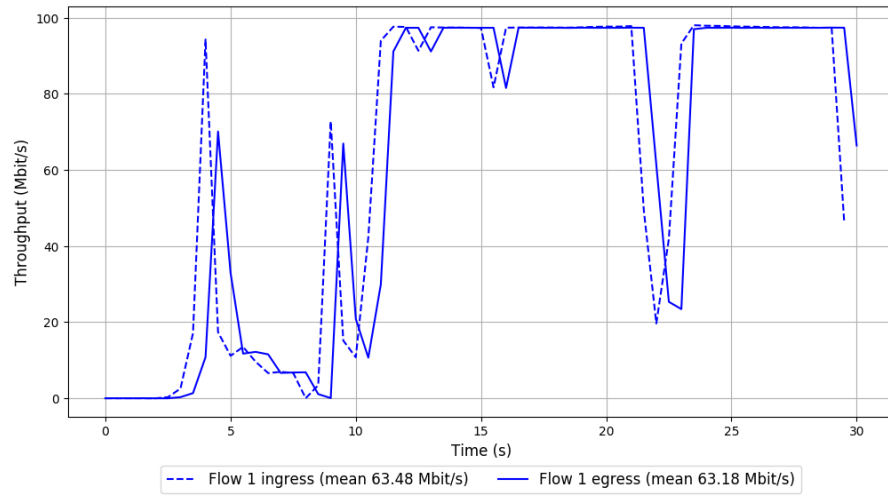
-- Flow 1:

Average throughput: 63.18 Mbit/s

95th percentile per-packet one-way delay: 104.235 ms

Loss rate: 0.42%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-02-05 02:58:57

End at: 2019-02-05 02:59:27

Local clock offset: -7.049 ms

Remote clock offset: 8.529 ms

Below is generated by plot.py at 2019-02-05 04:36:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.20 Mbit/s

95th percentile per-packet one-way delay: 93.736 ms

Loss rate: 0.35%

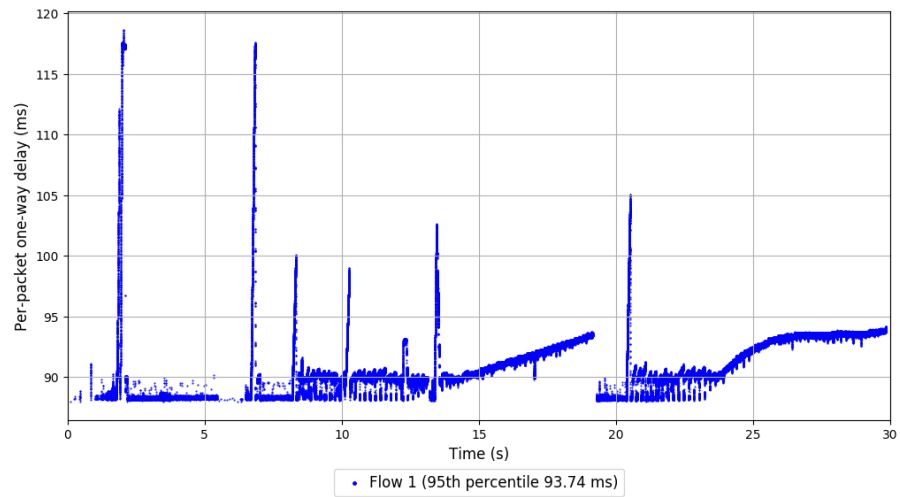
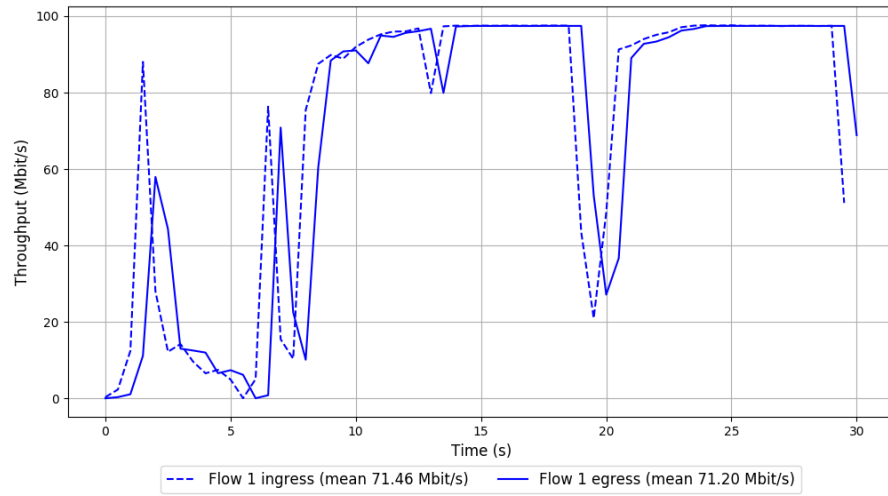
-- Flow 1:

Average throughput: 71.20 Mbit/s

95th percentile per-packet one-way delay: 93.736 ms

Loss rate: 0.35%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-02-05 03:23:37

End at: 2019-02-05 03:24:07

Local clock offset: -4.415 ms

Remote clock offset: 3.492 ms

Below is generated by plot.py at 2019-02-05 04:36:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.41 Mbit/s

95th percentile per-packet one-way delay: 93.592 ms

Loss rate: 0.34%

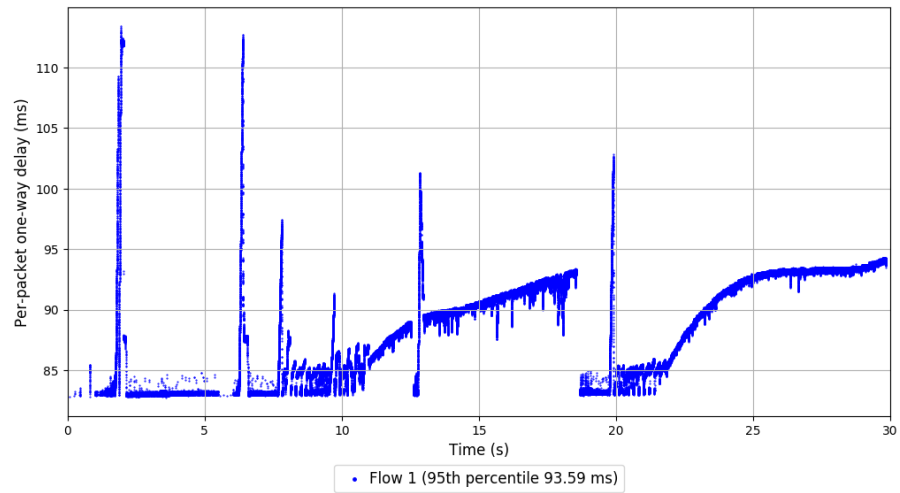
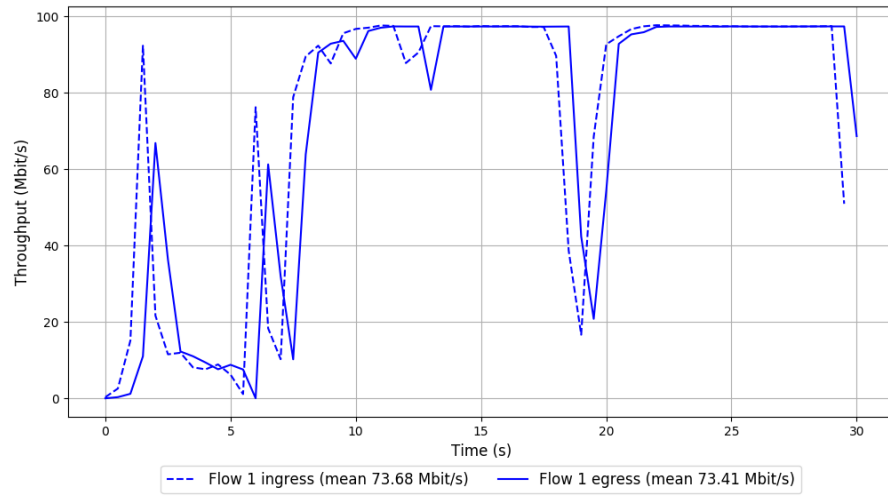
-- Flow 1:

Average throughput: 73.41 Mbit/s

95th percentile per-packet one-way delay: 93.592 ms

Loss rate: 0.34%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-02-05 03:48:21

End at: 2019-02-05 03:48:51

Local clock offset: -2.149 ms

Remote clock offset: 3.878 ms

Below is generated by plot.py at 2019-02-05 04:36:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.05 Mbit/s

95th percentile per-packet one-way delay: 91.468 ms

Loss rate: 0.38%

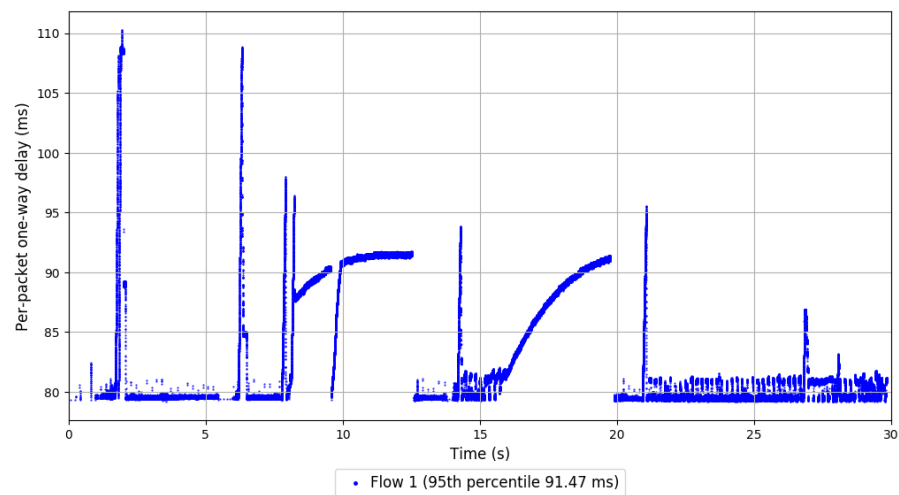
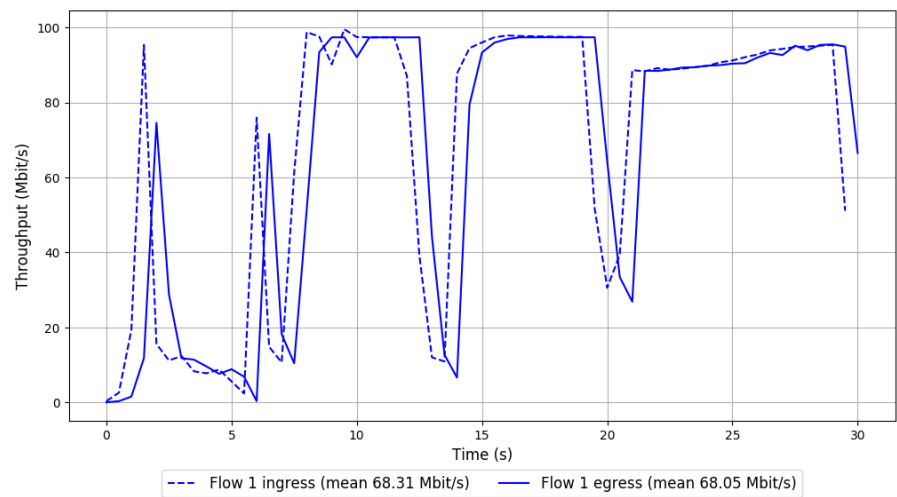
-- Flow 1:

Average throughput: 68.05 Mbit/s

95th percentile per-packet one-way delay: 91.468 ms

Loss rate: 0.38%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-02-05 04:13:12

End at: 2019-02-05 04:13:42

Local clock offset: -6.467 ms

Remote clock offset: 4.685 ms

Below is generated by plot.py at 2019-02-05 04:36:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.42 Mbit/s

95th percentile per-packet one-way delay: 85.544 ms

Loss rate: 0.36%

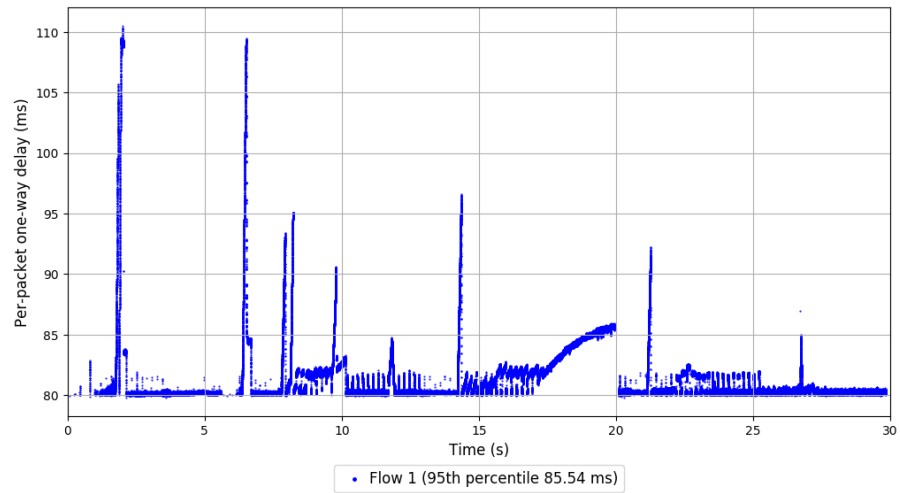
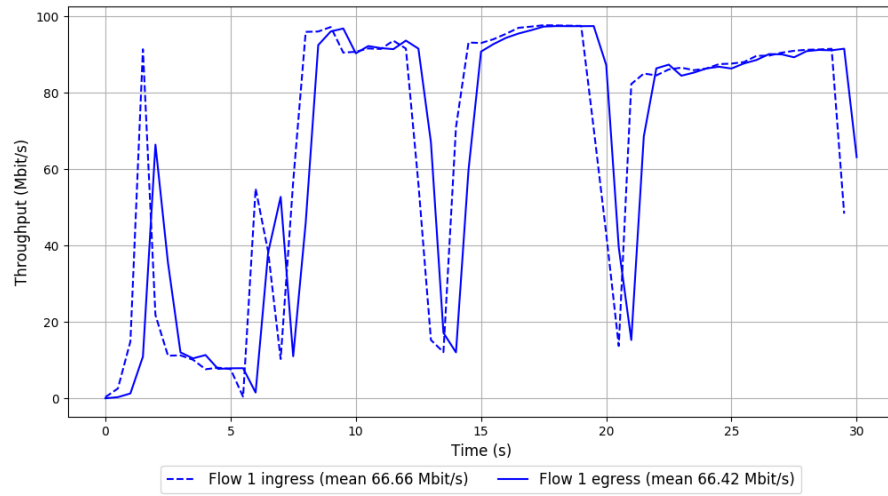
-- Flow 1:

Average throughput: 66.42 Mbit/s

95th percentile per-packet one-way delay: 85.544 ms

Loss rate: 0.36%

Run 5: Report of QUIC Cubic — Data Link

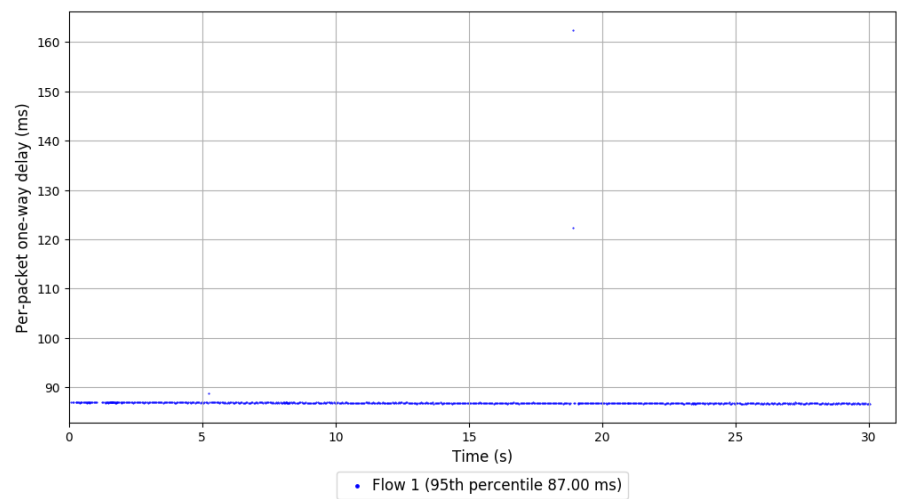
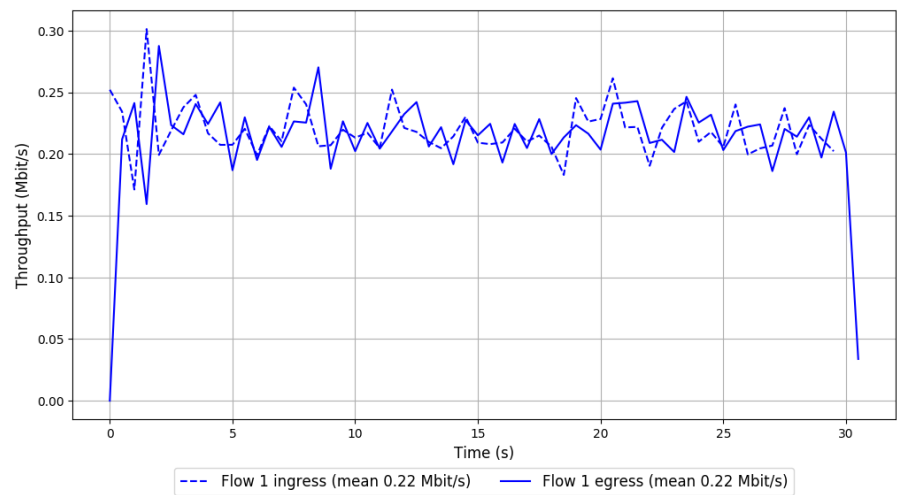


```
Run 1: Statistics of SCReAM

Start at: 2019-02-05 02:47:08
End at: 2019-02-05 02:47:38
Local clock offset: -2.618 ms
Remote clock offset: 8.335 ms

# Below is generated by plot.py at 2019-02-05 04:36:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.997 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.997 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-02-05 03:11:50

End at: 2019-02-05 03:12:21

Local clock offset: -8.992 ms

Remote clock offset: 3.497 ms

Below is generated by plot.py at 2019-02-05 04:36:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.409 ms

Loss rate: 0.00%

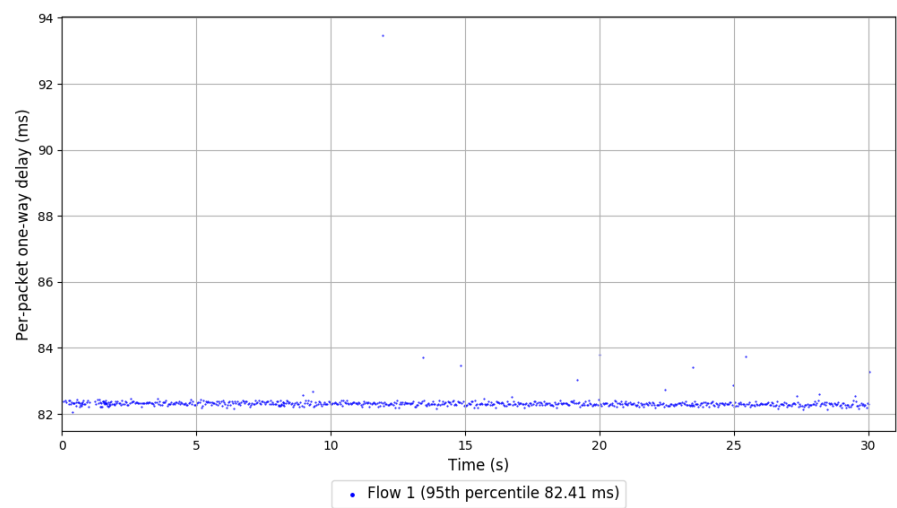
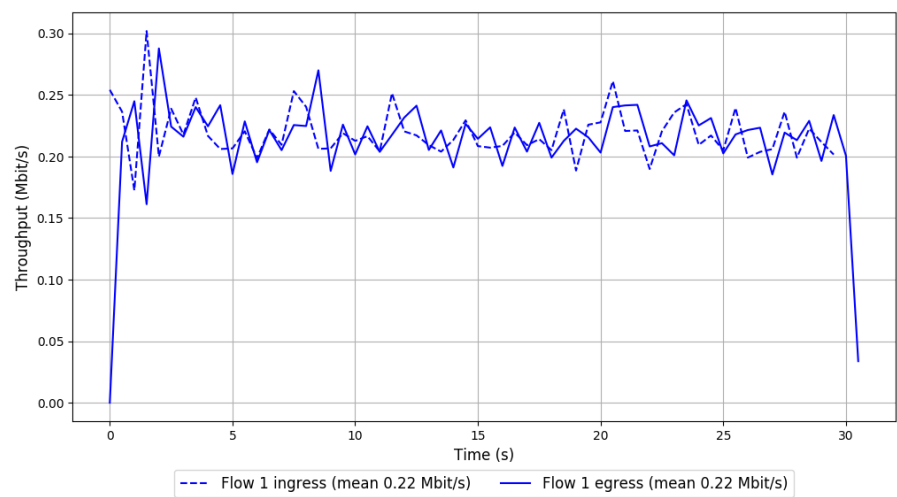
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.409 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-02-05 03:36:30

End at: 2019-02-05 03:37:00

Local clock offset: -1.78 ms

Remote clock offset: 6.15 ms

Below is generated by plot.py at 2019-02-05 04:36:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 84.367 ms

Loss rate: 0.00%

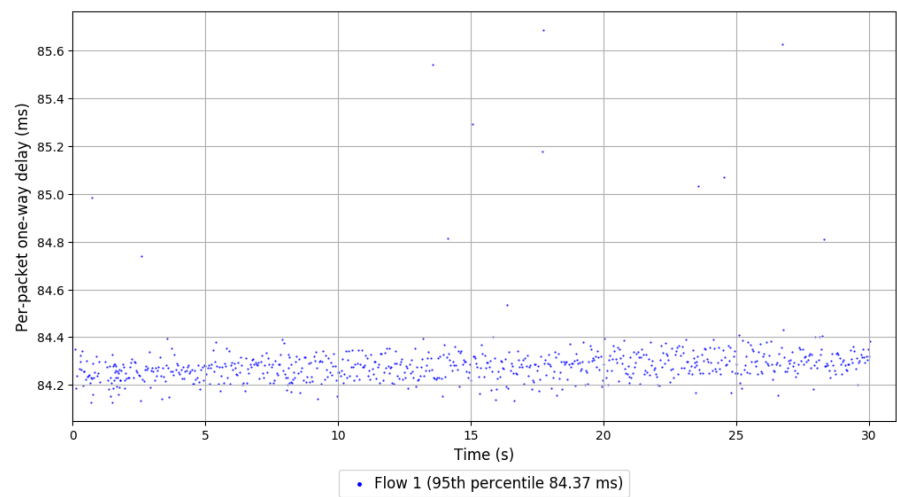
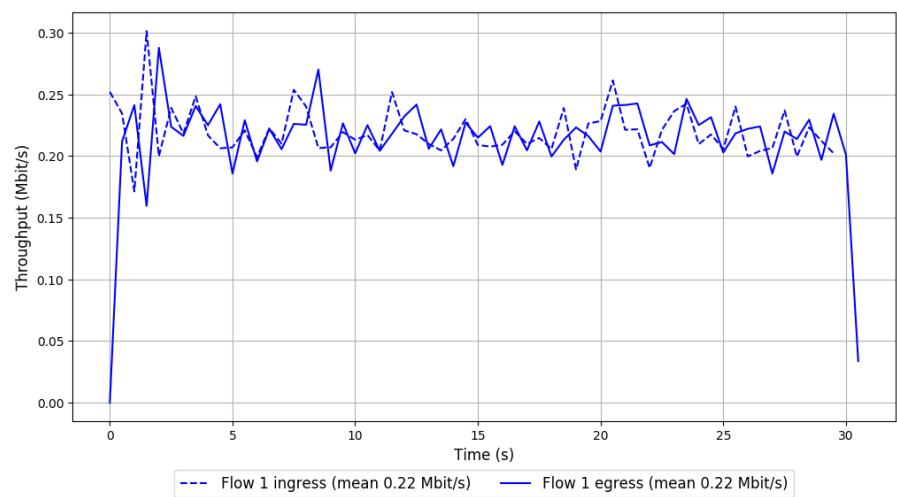
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 84.367 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-02-05 04:01:23

End at: 2019-02-05 04:01:53

Local clock offset: -5.437 ms

Remote clock offset: 3.277 ms

Below is generated by plot.py at 2019-02-05 04:36:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 78.825 ms

Loss rate: 0.00%

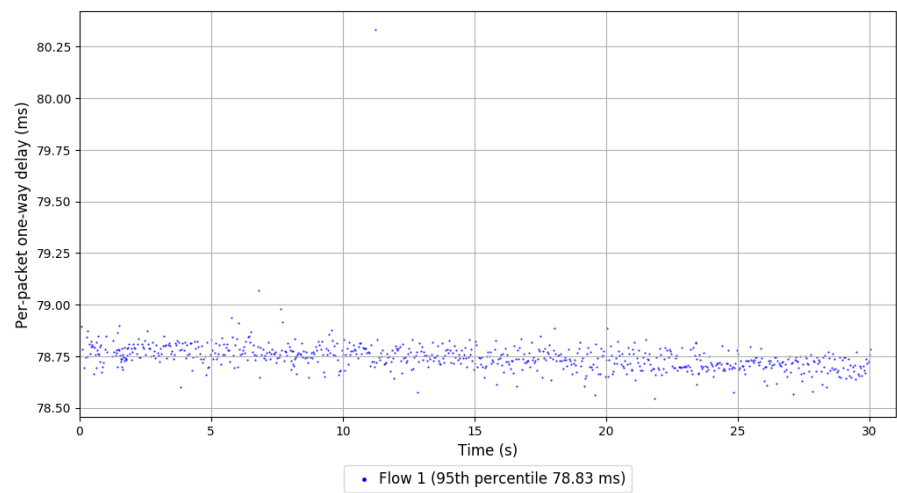
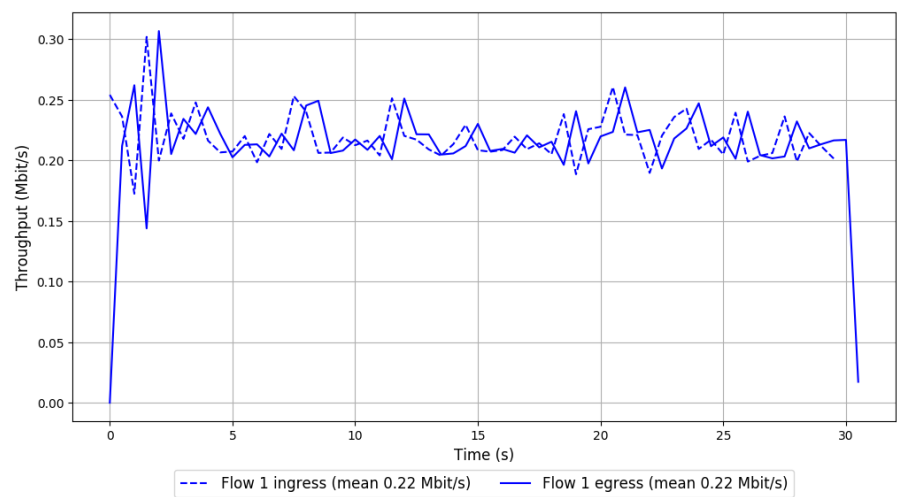
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 78.825 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-02-05 04:26:17

End at: 2019-02-05 04:26:47

Local clock offset: -3.138 ms

Remote clock offset: 2.94 ms

Below is generated by plot.py at 2019-02-05 04:36:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 79.059 ms

Loss rate: 0.00%

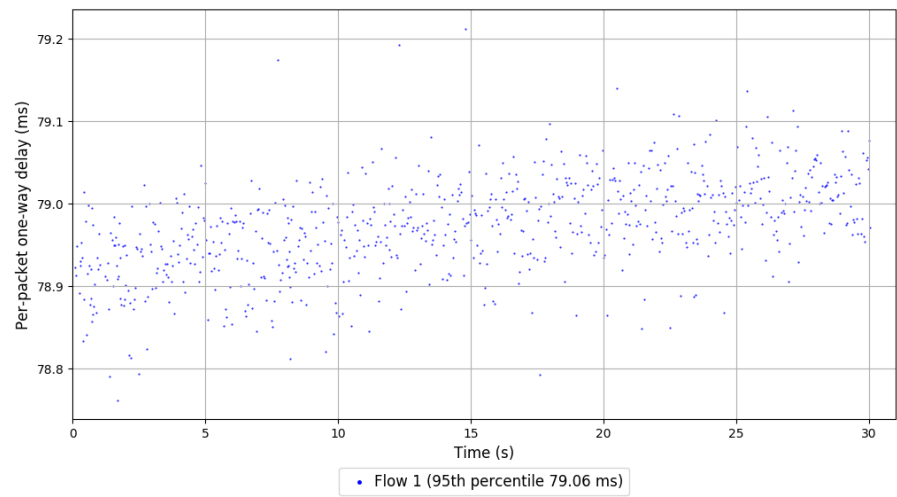
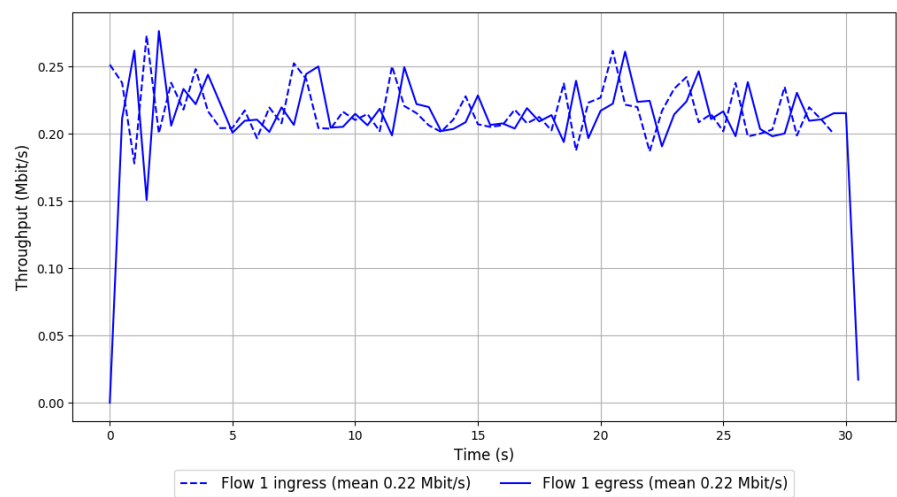
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 79.059 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-02-05 02:36:34

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

Local clock offset: -2.119 ms

Remote clock offset: 6.796 ms

Below is generated by plot.py at 2019-02-05 04:36:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.87 Mbit/s

95th percentile per-packet one-way delay: 91.269 ms

Loss rate: 0.00%

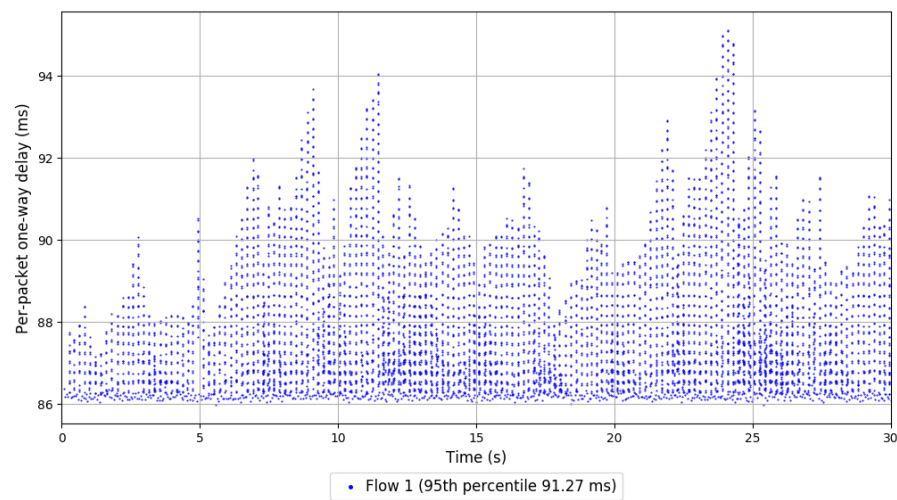
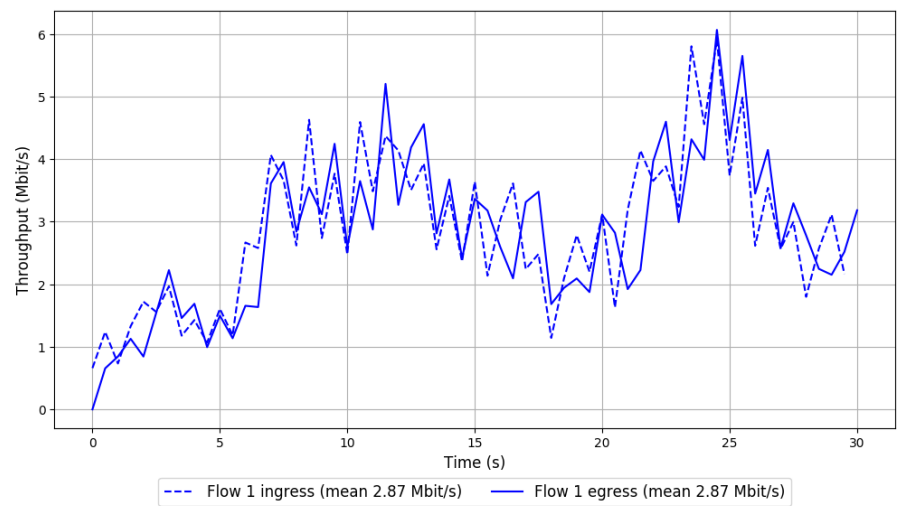
-- Flow 1:

Average throughput: 2.87 Mbit/s

95th percentile per-packet one-way delay: 91.269 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

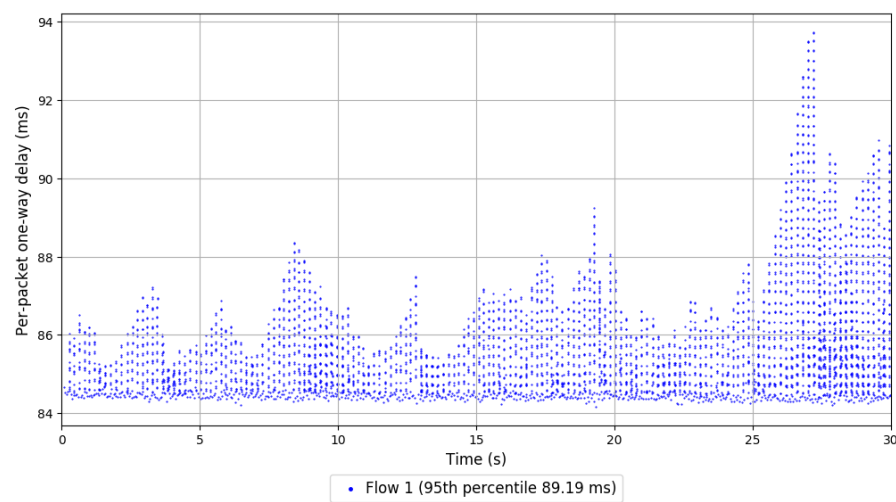
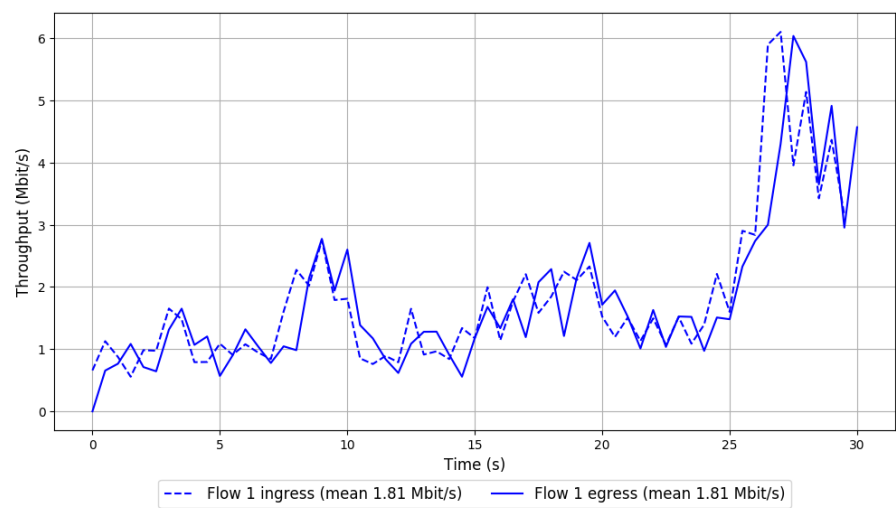


Run 2: Statistics of Sprout

Start at: 2019-02-05 03:01:17
End at: 2019-02-05 03:01:47
Local clock offset: -6.769 ms
Remote clock offset: 6.215 ms

Below is generated by plot.py at 2019-02-05 04:36:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 89.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 89.188 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2019-02-05 03:25:57

End at: 2019-02-05 03:26:27

Local clock offset: -3.687 ms

Remote clock offset: 7.124 ms

Below is generated by plot.py at 2019-02-05 04:36:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.89 Mbit/s

95th percentile per-packet one-way delay: 90.734 ms

Loss rate: 0.00%

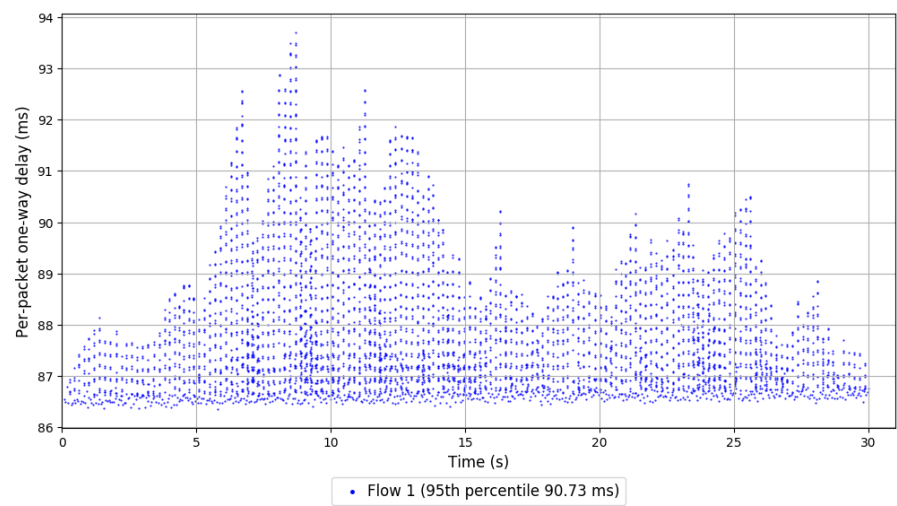
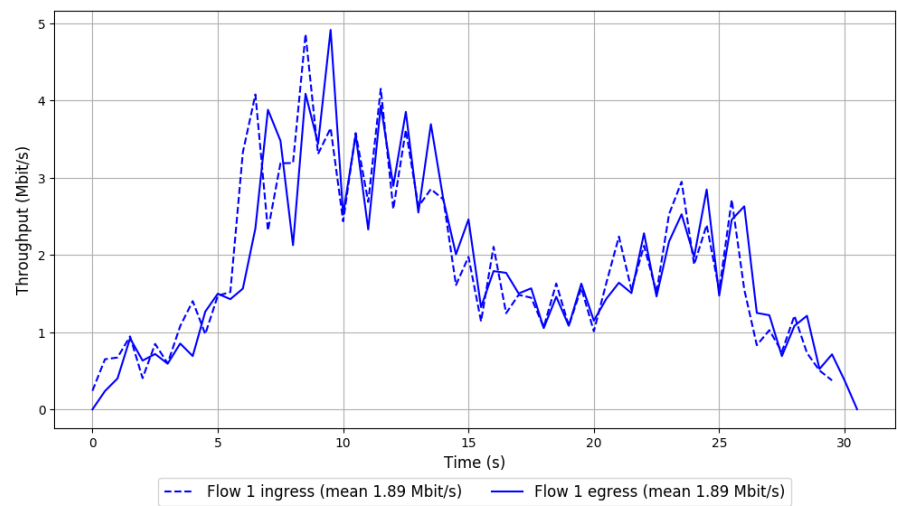
-- Flow 1:

Average throughput: 1.89 Mbit/s

95th percentile per-packet one-way delay: 90.734 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-02-05 03:50:41

End at: 2019-02-05 03:51:11

Local clock offset: -3.136 ms

Remote clock offset: 4.039 ms

Below is generated by plot.py at 2019-02-05 04:36:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.03 Mbit/s

95th percentile per-packet one-way delay: 84.940 ms

Loss rate: 0.00%

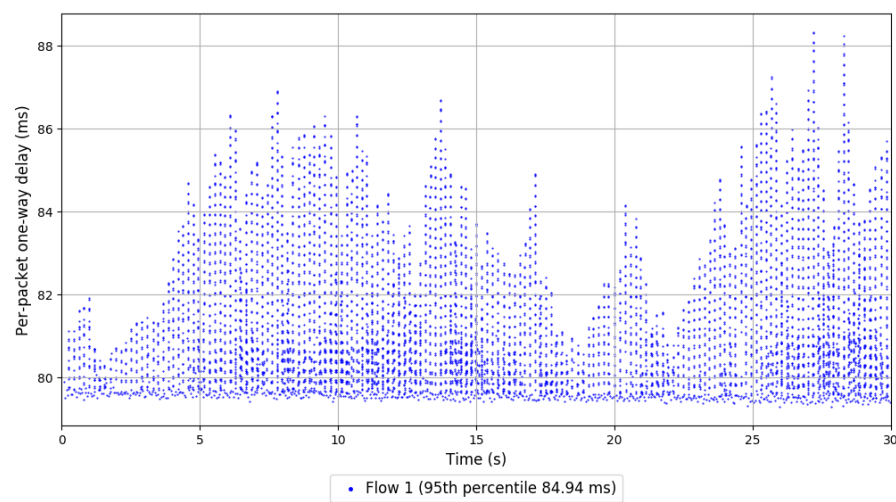
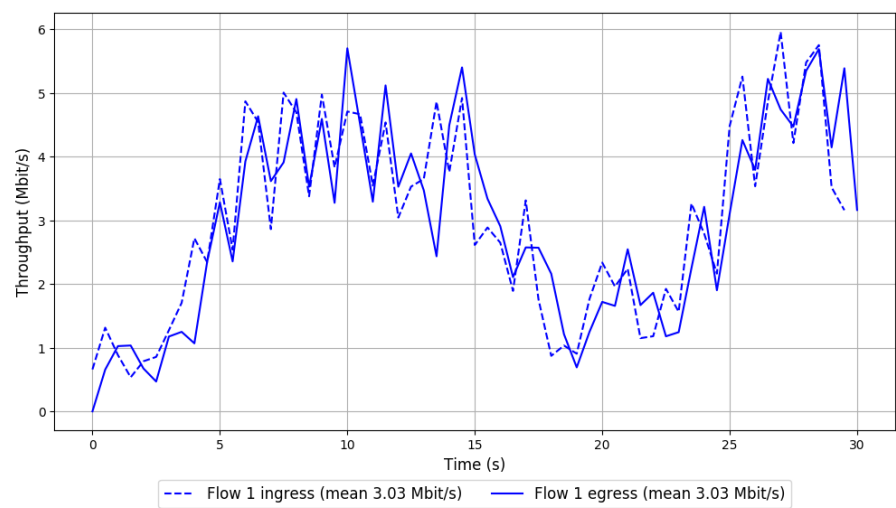
-- Flow 1:

Average throughput: 3.03 Mbit/s

95th percentile per-packet one-way delay: 84.940 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-02-05 04:15:33

End at: 2019-02-05 04:16:03

Local clock offset: -6.587 ms

Remote clock offset: 7.36 ms

Below is generated by plot.py at 2019-02-05 04:36:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 86.499 ms

Loss rate: 0.00%

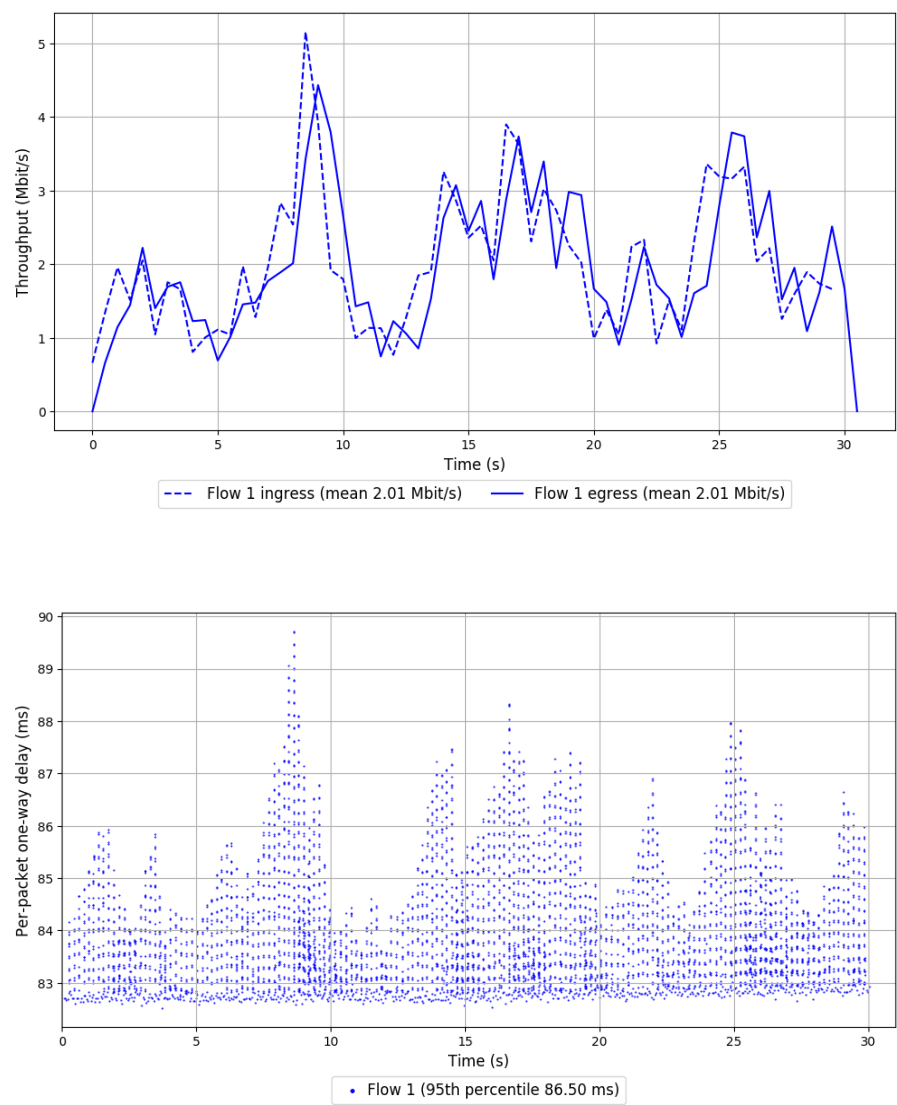
-- Flow 1:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 86.499 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

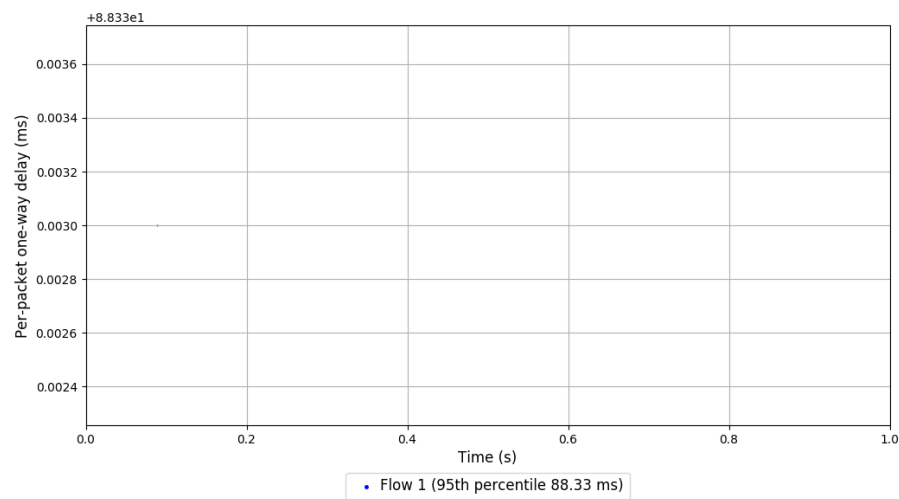
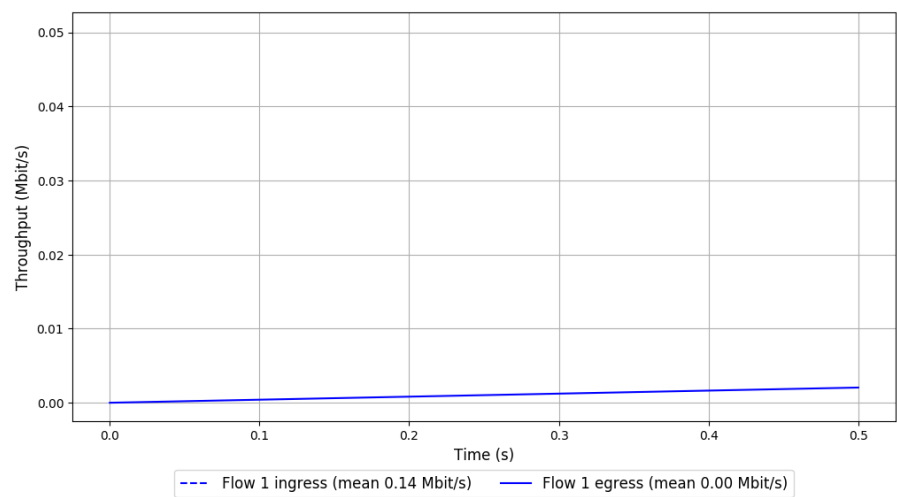
Start at: 2019-02-05 02:43:37

End at: 2019-02-05 02:44:07

Local clock offset: -2.035 ms

Remote clock offset: 8.232 ms

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



Run 2: Statistics of TaoVA-100x

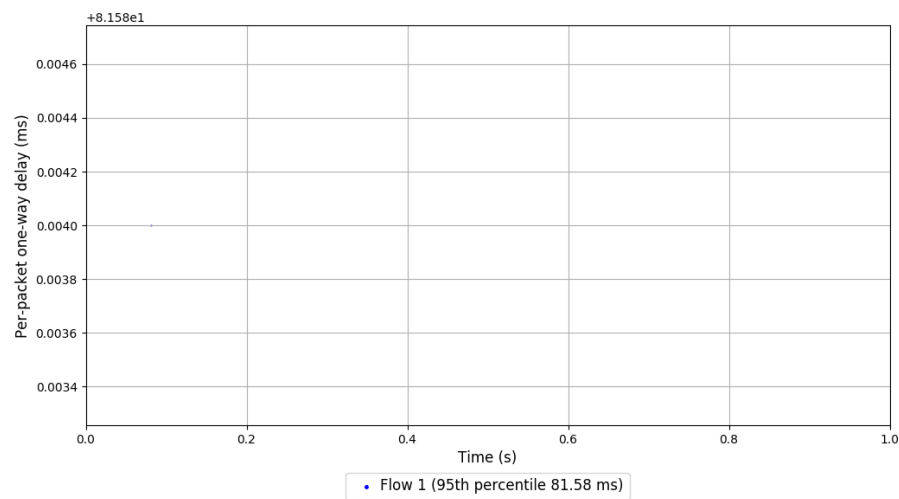
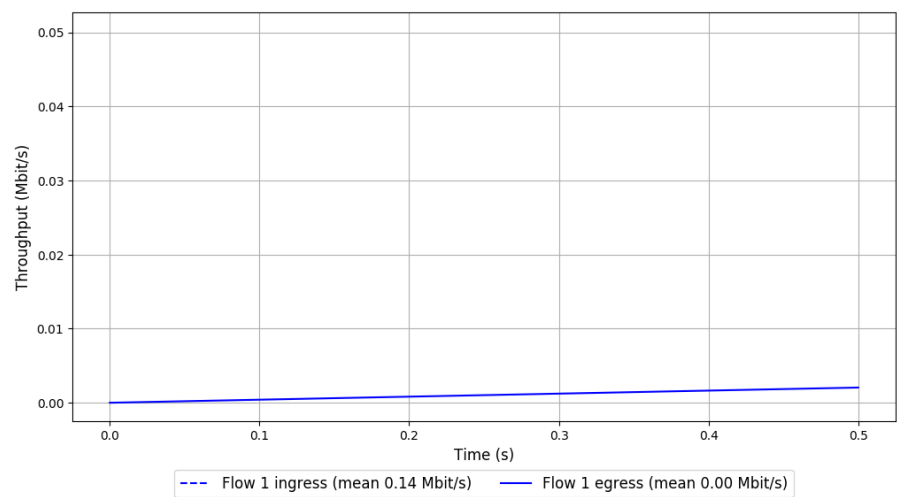
Start at: 2019-02-05 03:08:19

End at: 2019-02-05 03:08:50

Local clock offset: -7.791 ms

Remote clock offset: 2.296 ms

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



Run 3: Statistics of TaoVA-100x

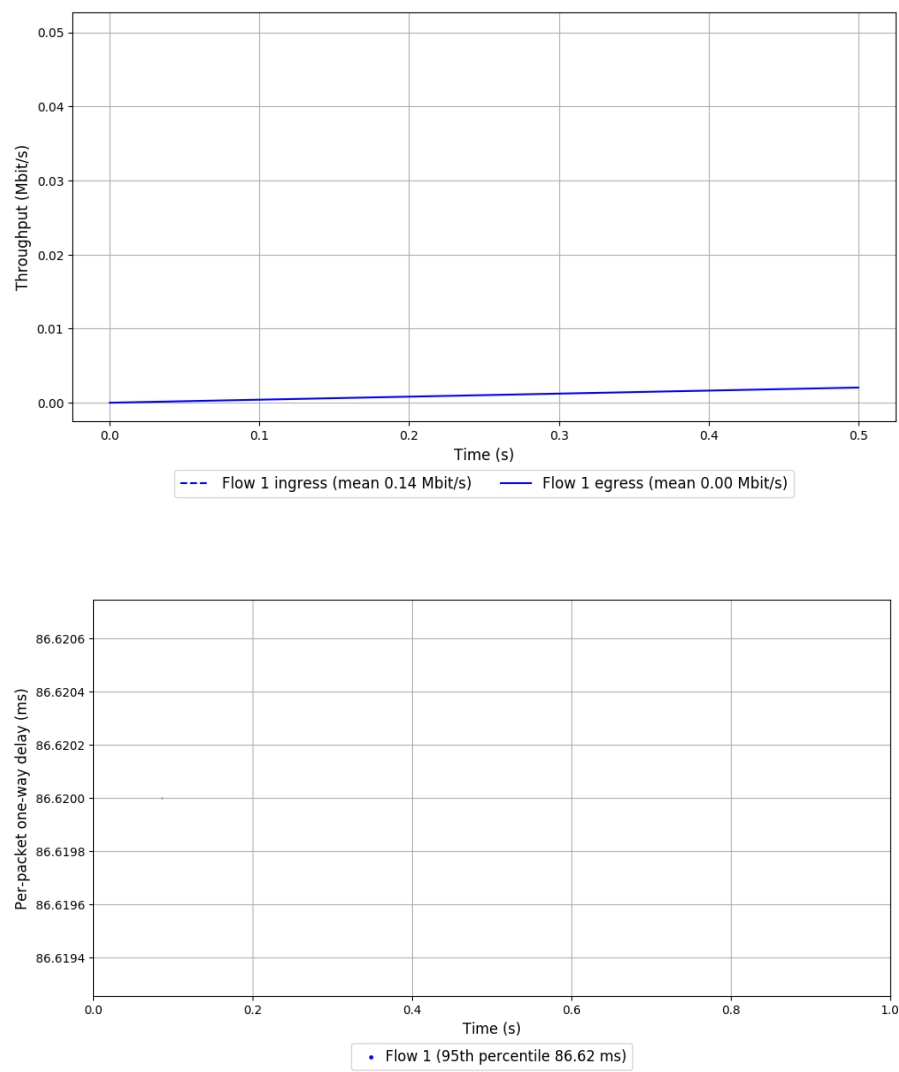
Start at: 2019-02-05 03:32:59

End at: 2019-02-05 03:33:29

Local clock offset: -2.262 ms

Remote clock offset: 7.306 ms

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



Run 4: Statistics of TaoVA-100x

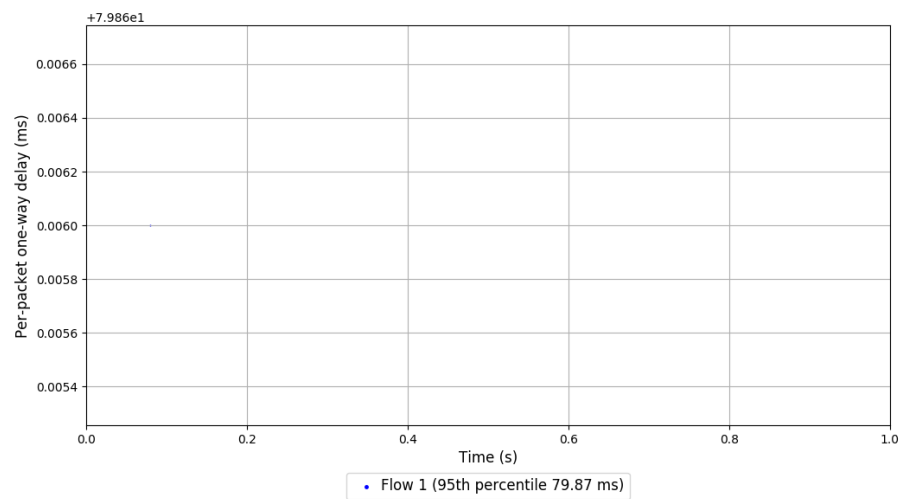
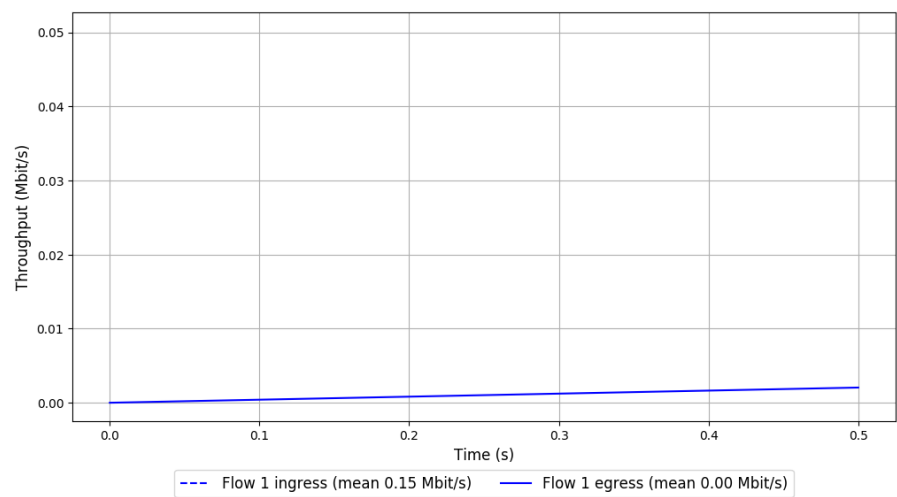
Start at: 2019-02-05 03:57:51

End at: 2019-02-05 03:58:21

Local clock offset: -4.902 ms

Remote clock offset: 4.253 ms

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



Run 5: Statistics of TaoVA-100x

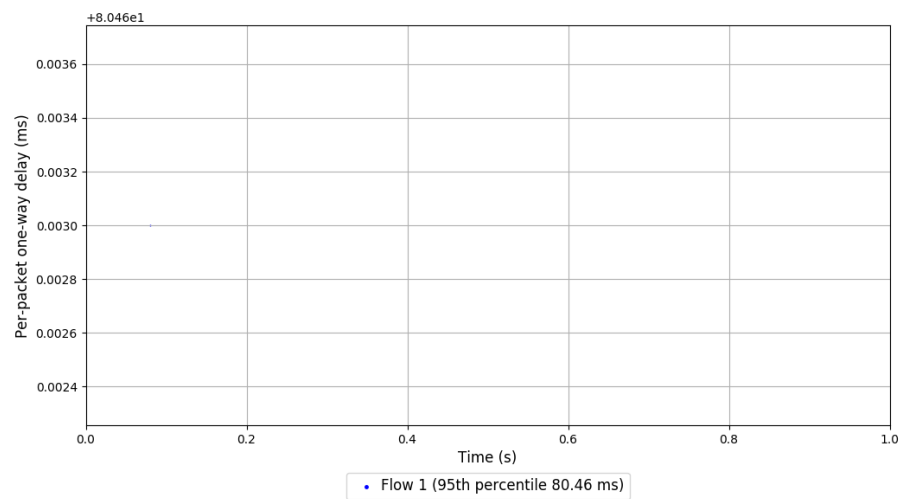
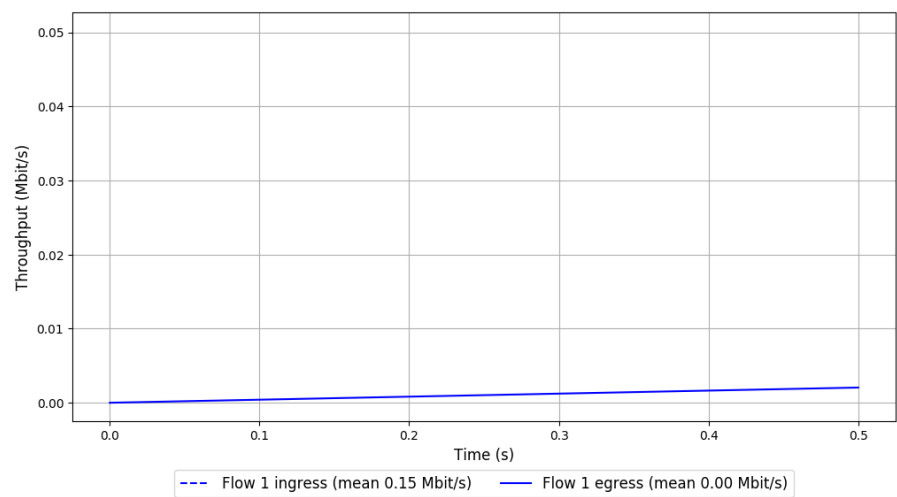
Start at: 2019-02-05 04:22:39

End at: 2019-02-05 04:23:09

Local clock offset: -4.03 ms

Remote clock offset: 4.008 ms

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



Run 1: Statistics of TCP Vegas

Start at: 2019-02-05 02:41:18

End at: 2019-02-05 02:41:48

Local clock offset: -2.066 ms

Remote clock offset: 3.278 ms

Below is generated by plot.py at 2019-02-05 04:36:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.08 Mbit/s

95th percentile per-packet one-way delay: 83.115 ms

Loss rate: 0.40%

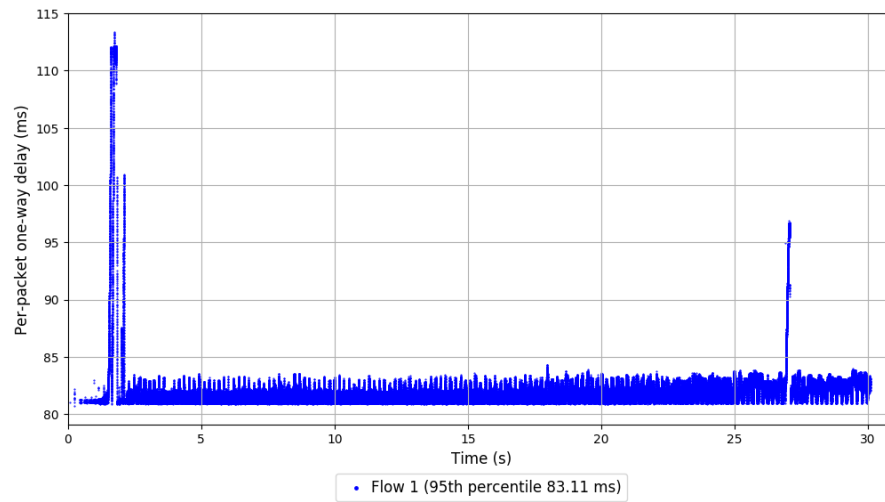
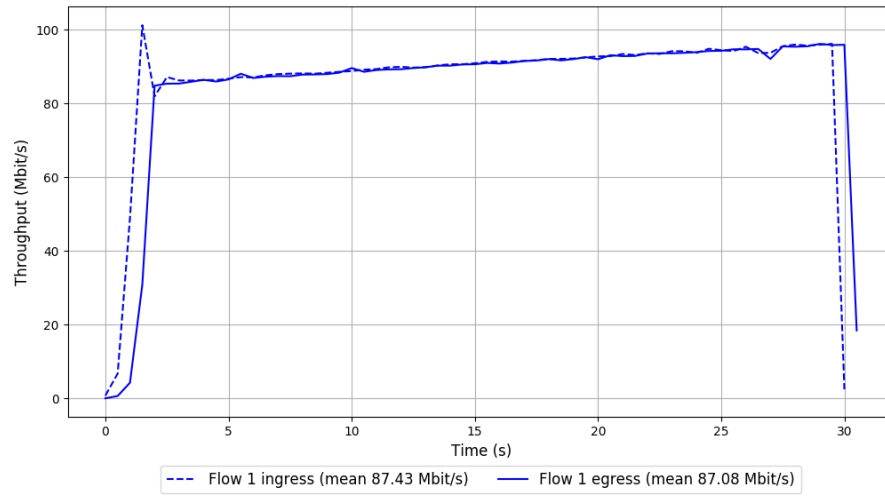
-- Flow 1:

Average throughput: 87.08 Mbit/s

95th percentile per-packet one-way delay: 83.115 ms

Loss rate: 0.40%

Run 1: Report of TCP Vegas — Data Link

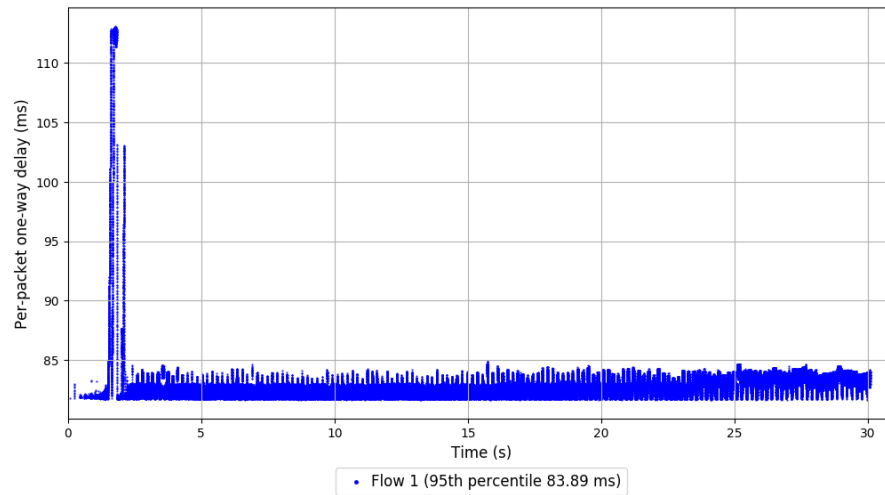
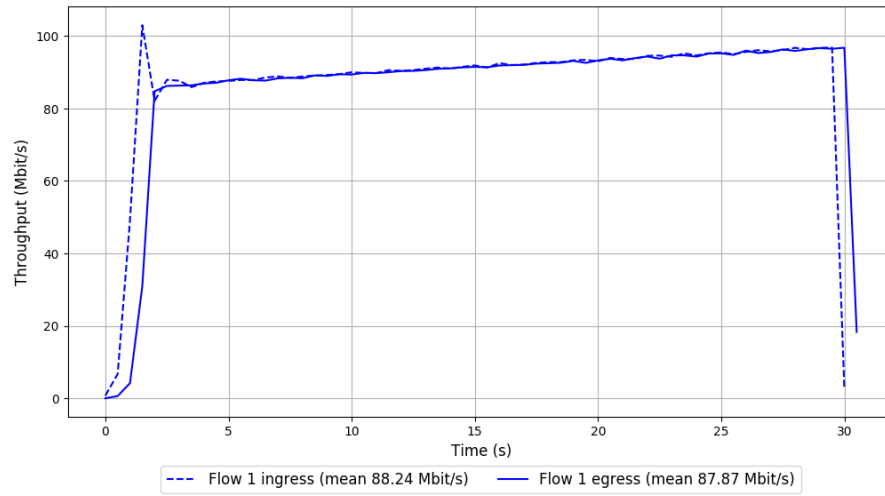


Run 2: Statistics of TCP Vegas

Start at: 2019-02-05 03:06:00
End at: 2019-02-05 03:06:30
Local clock offset: -8.235 ms
Remote clock offset: 3.533 ms

Below is generated by plot.py at 2019-02-05 04:36:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 83.893 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 83.893 ms
Loss rate: 0.42%

Run 2: Report of TCP Vegas — Data Link

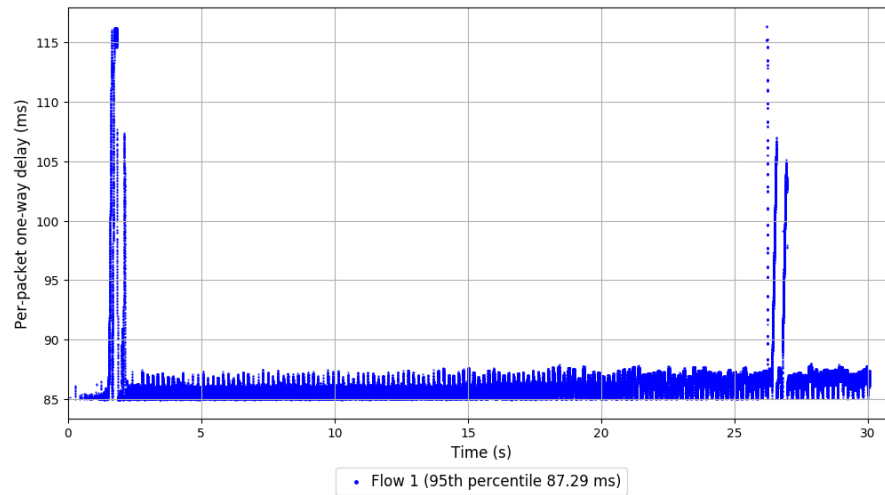
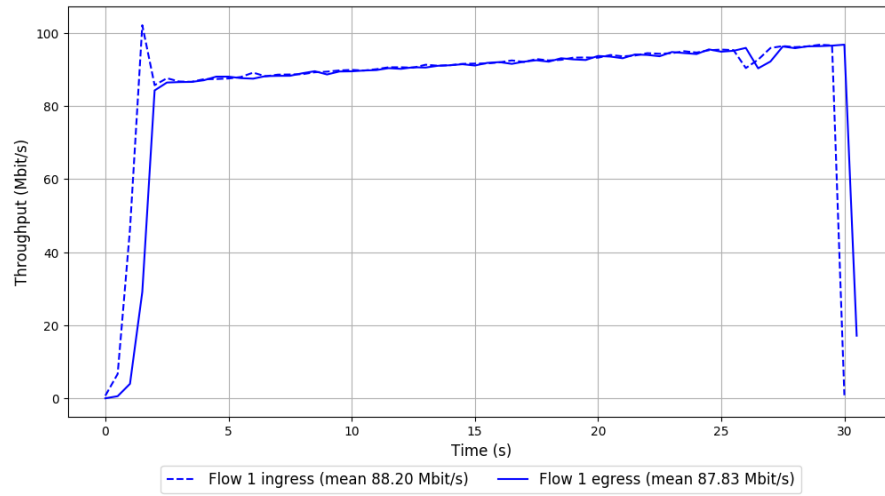


Run 3: Statistics of TCP Vegas

Start at: 2019-02-05 03:30:40
End at: 2019-02-05 03:31:10
Local clock offset: -3.387 ms
Remote clock offset: 6.134 ms

Below is generated by plot.py at 2019-02-05 04:36:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 87.292 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 87.292 ms
Loss rate: 0.43%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-02-05 03:55:33

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

Local clock offset: -4.48 ms

Remote clock offset: 4.212 ms

Below is generated by plot.py at 2019-02-05 04:36:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.28 Mbit/s

95th percentile per-packet one-way delay: 80.417 ms

Loss rate: 1.27%

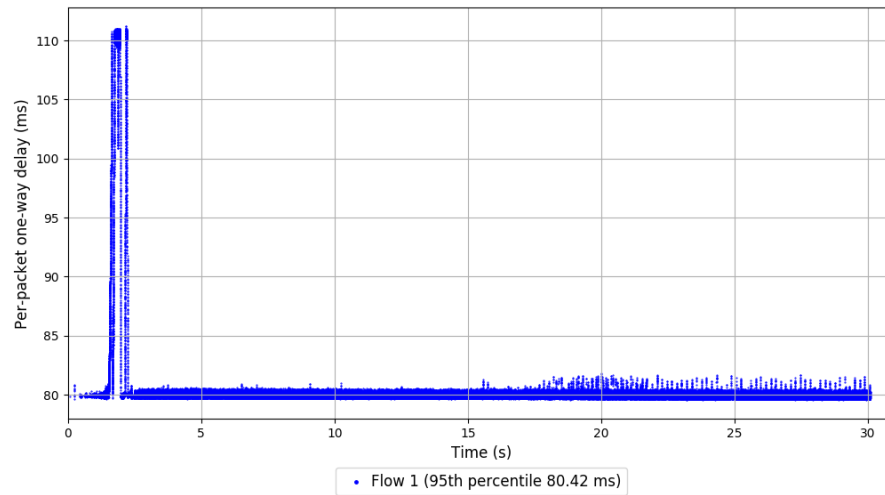
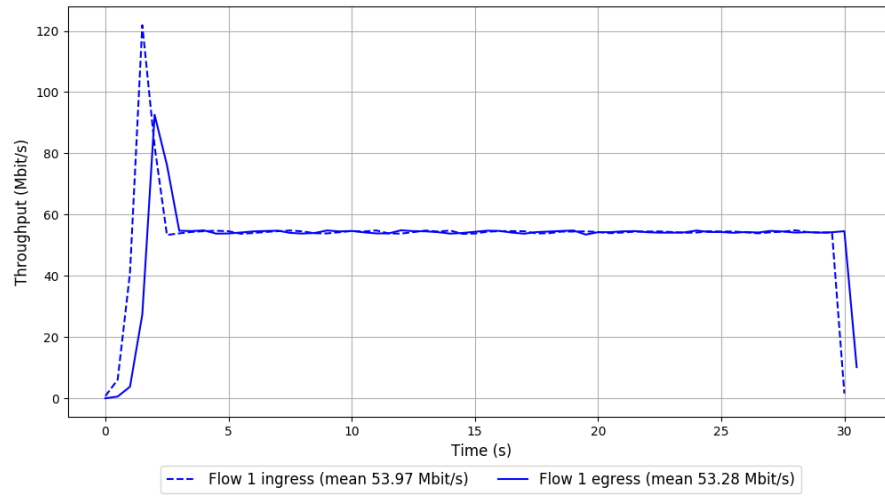
-- Flow 1:

Average throughput: 53.28 Mbit/s

95th percentile per-packet one-way delay: 80.417 ms

Loss rate: 1.27%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-02-05 04:20:19

End at: 2019-02-05 04:20:49

Local clock offset: -4.843 ms

Remote clock offset: 9.184 ms

Below is generated by plot.py at 2019-02-05 04:37:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.26 Mbit/s

95th percentile per-packet one-way delay: 87.378 ms

Loss rate: 0.43%

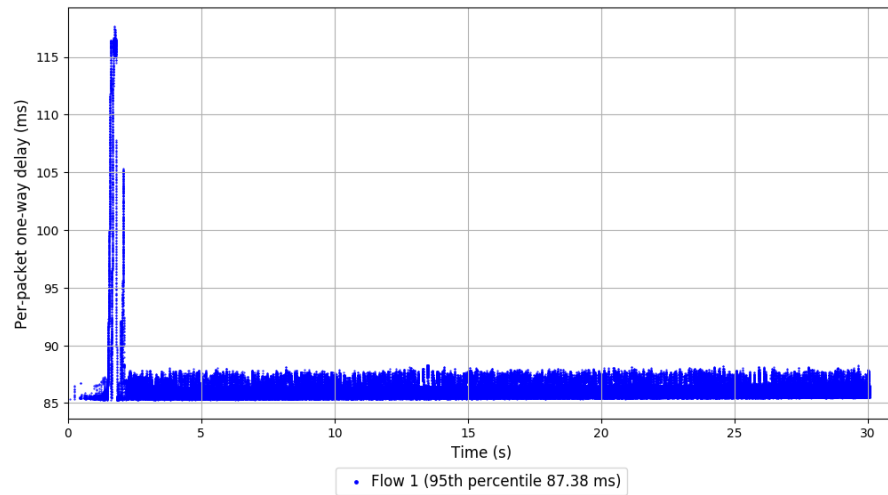
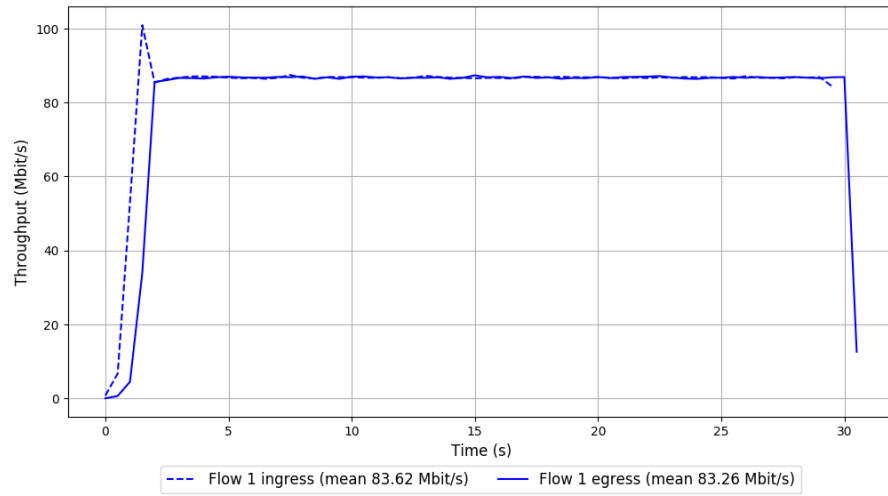
-- Flow 1:

Average throughput: 83.26 Mbit/s

95th percentile per-packet one-way delay: 87.378 ms

Loss rate: 0.43%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-02-05 02:24:44

End at: 2019-02-05 02:25:14

Local clock offset: -1.601 ms

Remote clock offset: 7.0 ms

Below is generated by plot.py at 2019-02-05 04:37:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.75 Mbit/s

95th percentile per-packet one-way delay: 115.153 ms

Loss rate: 9.31%

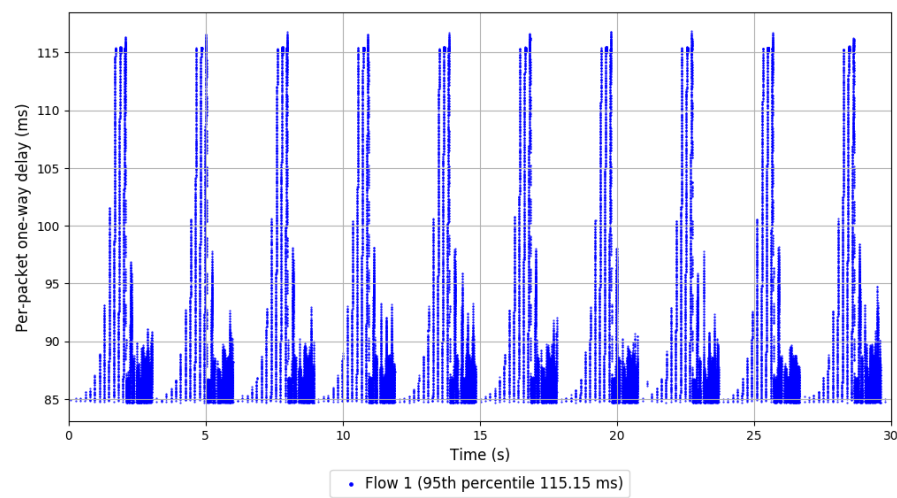
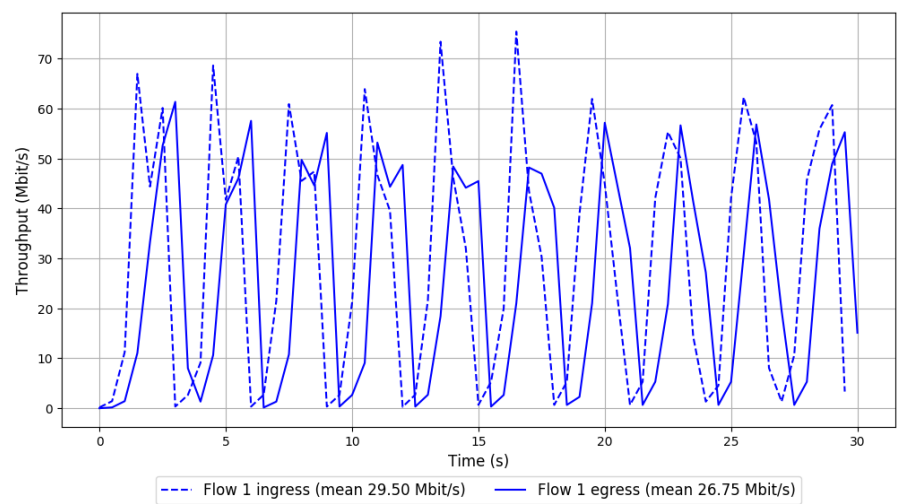
-- Flow 1:

Average throughput: 26.75 Mbit/s

95th percentile per-packet one-way delay: 115.153 ms

Loss rate: 9.31%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-02-05 02:49:25

End at: 2019-02-05 02:49:55

Local clock offset: -3.119 ms

Remote clock offset: 3.396 ms

Below is generated by plot.py at 2019-02-05 04:37:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 35.45 Mbit/s

95th percentile per-packet one-way delay: 166.953 ms

Loss rate: 79.62%

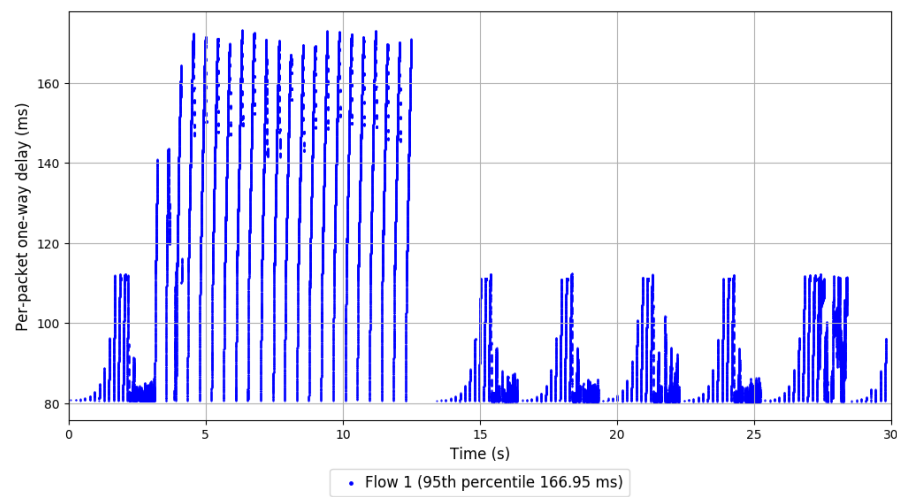
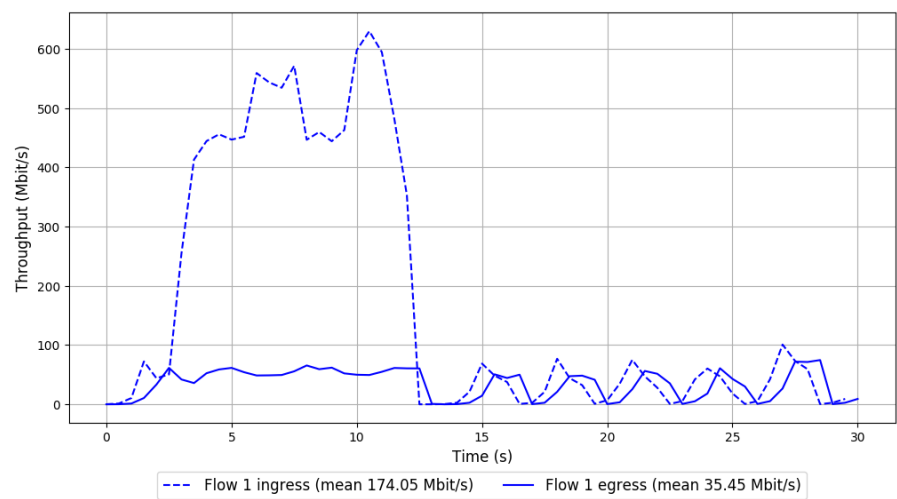
-- Flow 1:

Average throughput: 35.45 Mbit/s

95th percentile per-packet one-way delay: 166.953 ms

Loss rate: 79.62%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-02-05 03:14:07

End at: 2019-02-05 03:14:37

Local clock offset: -9.13 ms

Remote clock offset: 2.328 ms

Below is generated by plot.py at 2019-02-05 04:37:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.85 Mbit/s

95th percentile per-packet one-way delay: 109.951 ms

Loss rate: 9.59%

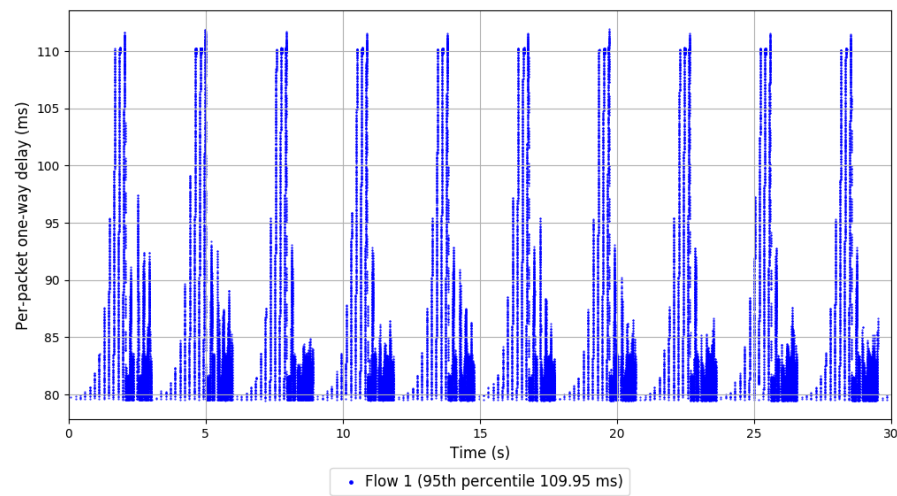
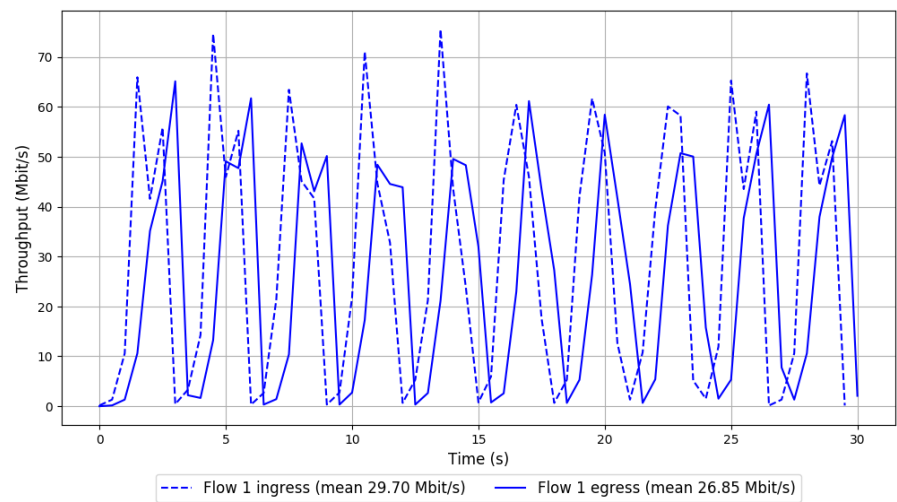
-- Flow 1:

Average throughput: 26.85 Mbit/s

95th percentile per-packet one-way delay: 109.951 ms

Loss rate: 9.59%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-02-05 03:38:47

End at: 2019-02-05 03:39:17

Local clock offset: -1.617 ms

Remote clock offset: 3.544 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.41 Mbit/s

95th percentile per-packet one-way delay: 174.080 ms

Loss rate: 86.64%

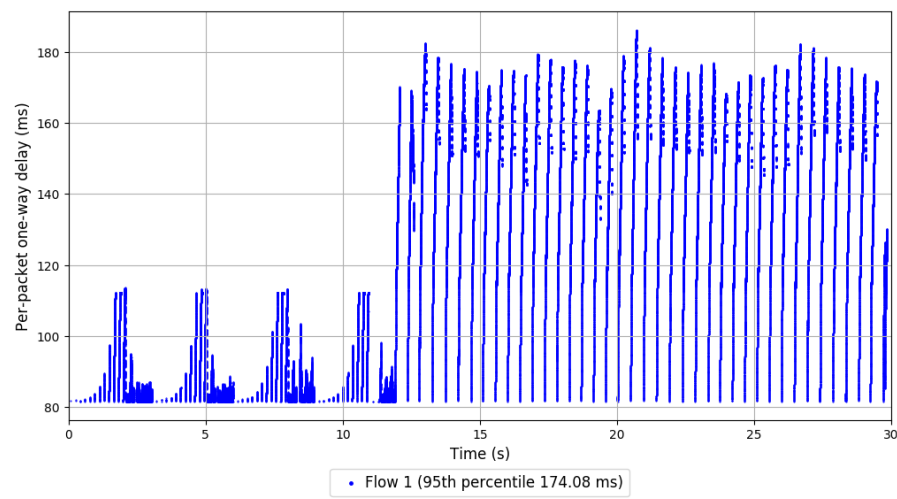
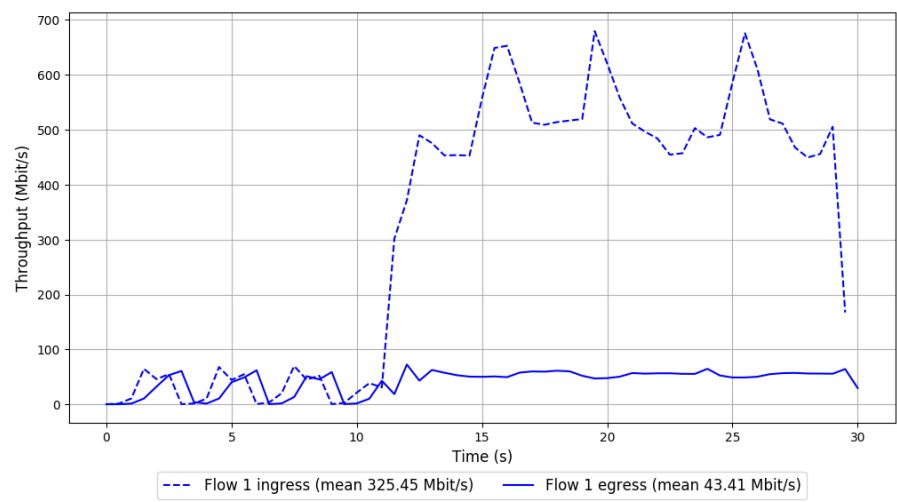
-- Flow 1:

Average throughput: 43.41 Mbit/s

95th percentile per-packet one-way delay: 174.080 ms

Loss rate: 86.64%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-02-05 04:03:39

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

Local clock offset: -5.695 ms

Remote clock offset: 8.24 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.56 Mbit/s

95th percentile per-packet one-way delay: 114.146 ms

Loss rate: 9.52%

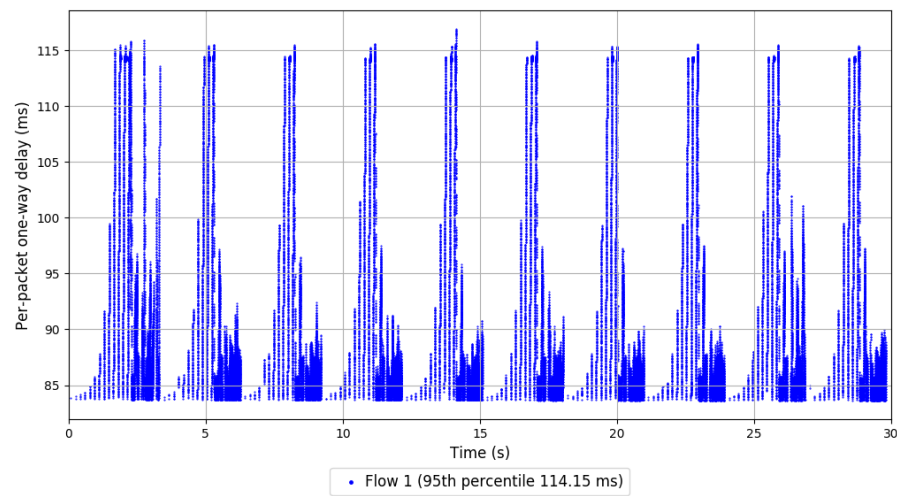
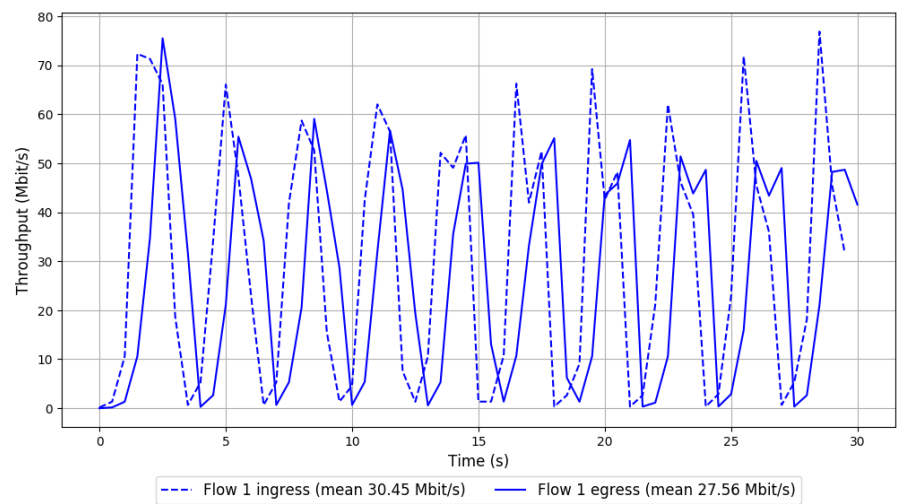
-- Flow 1:

Average throughput: 27.56 Mbit/s

95th percentile per-packet one-way delay: 114.146 ms

Loss rate: 9.52%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

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

End at: 2019-02-05 02:45:15

Local clock offset: -1.285 ms

Remote clock offset: 3.532 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.65 Mbit/s

95th percentile per-packet one-way delay: 90.515 ms

Loss rate: 0.04%

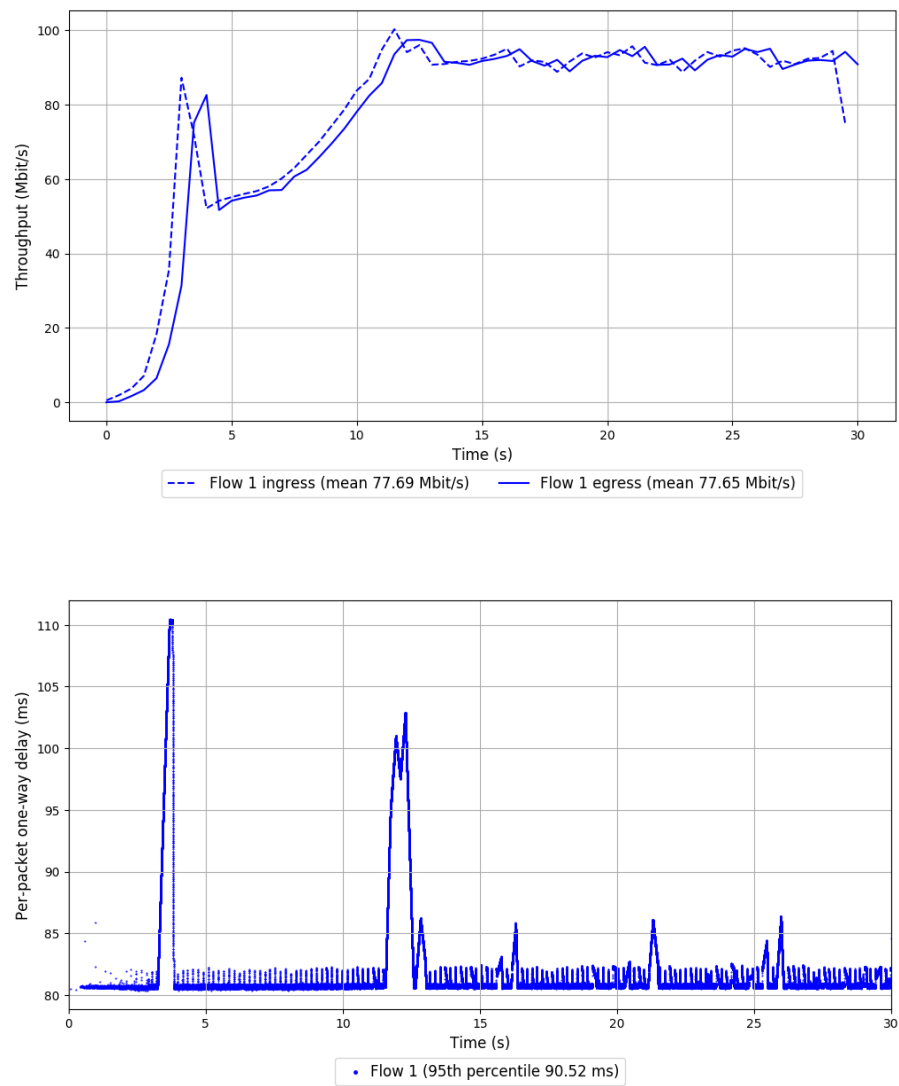
-- Flow 1:

Average throughput: 77.65 Mbit/s

95th percentile per-packet one-way delay: 90.515 ms

Loss rate: 0.04%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-02-05 03:09:27

End at: 2019-02-05 03:09:57

Local clock offset: -8.668 ms

Remote clock offset: 3.246 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.23 Mbit/s

95th percentile per-packet one-way delay: 90.448 ms

Loss rate: 0.04%

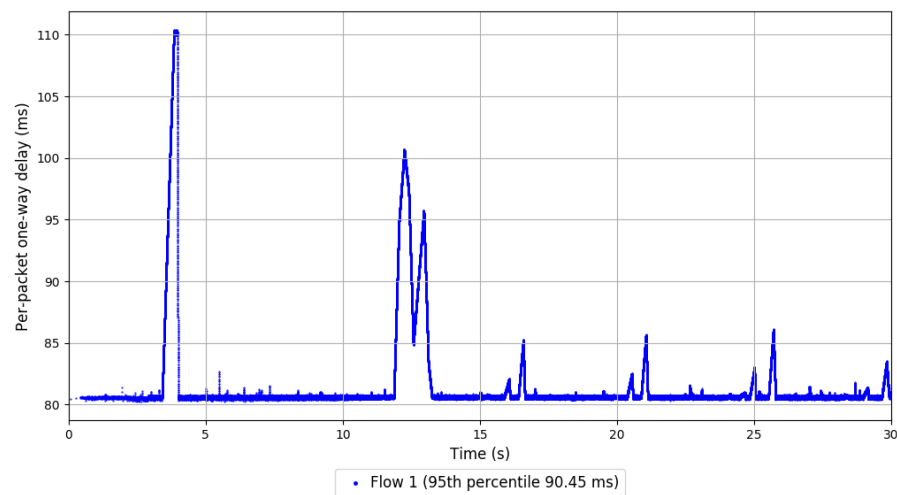
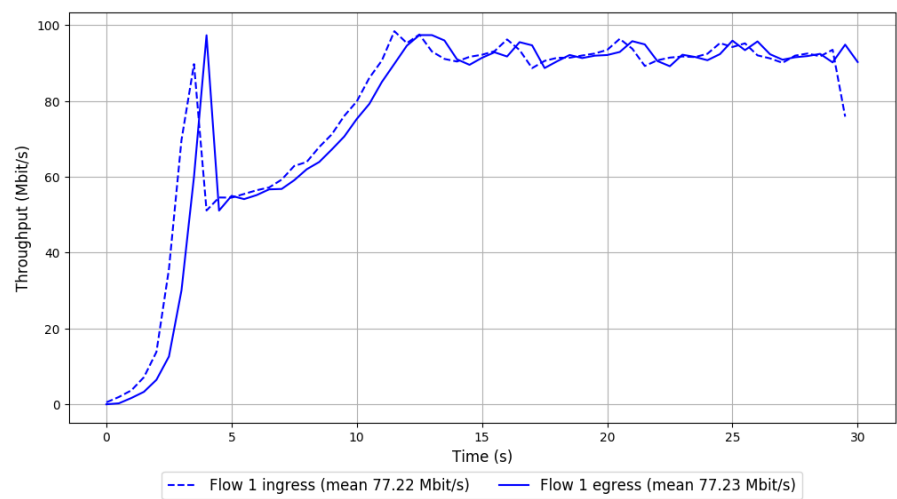
-- Flow 1:

Average throughput: 77.23 Mbit/s

95th percentile per-packet one-way delay: 90.448 ms

Loss rate: 0.04%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-02-05 03:34:07

End at: 2019-02-05 03:34:37

Local clock offset: -2.053 ms

Remote clock offset: 7.196 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.84 Mbit/s

95th percentile per-packet one-way delay: 94.371 ms

Loss rate: 0.04%

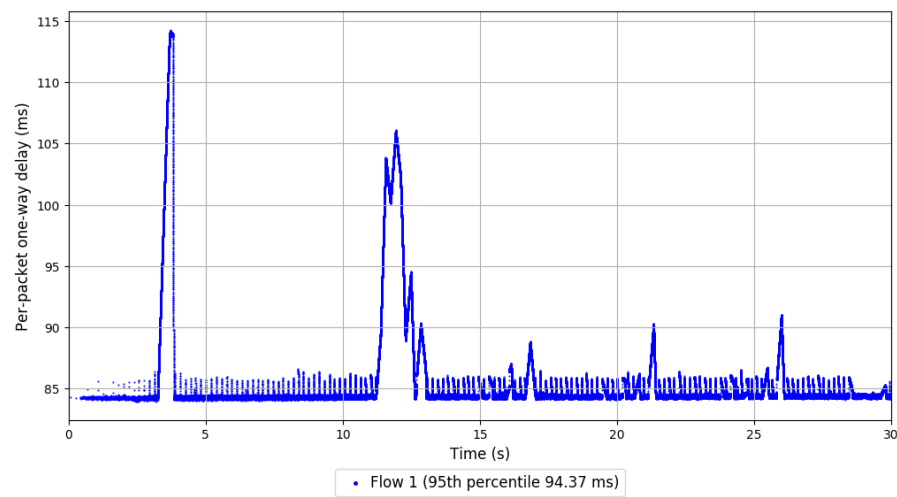
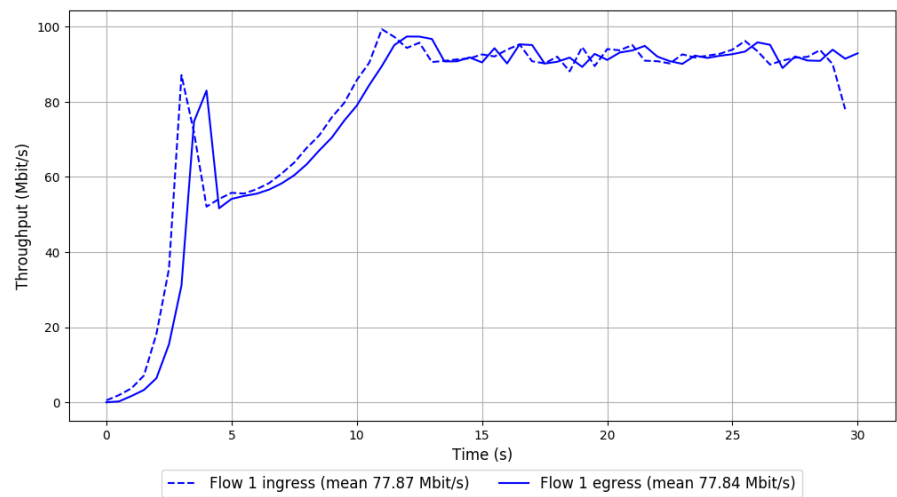
-- Flow 1:

Average throughput: 77.84 Mbit/s

95th percentile per-packet one-way delay: 94.371 ms

Loss rate: 0.04%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

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

End at: 2019-02-05 03:59:28

Local clock offset: -5.111 ms

Remote clock offset: 9.194 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.82 Mbit/s

95th percentile per-packet one-way delay: 106.572 ms

Loss rate: 0.15%

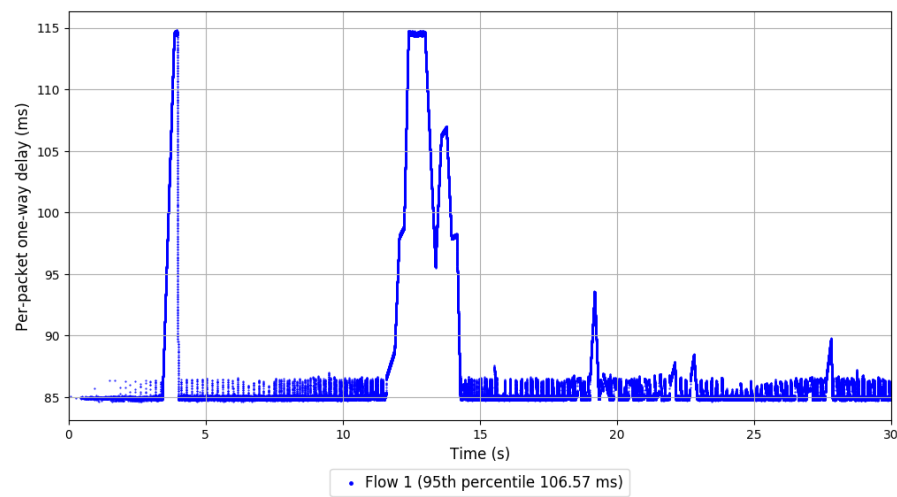
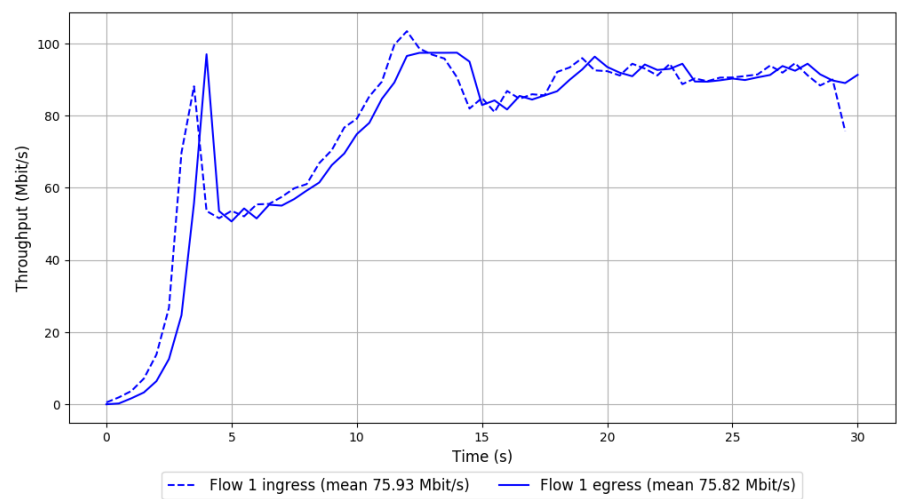
-- Flow 1:

Average throughput: 75.82 Mbit/s

95th percentile per-packet one-way delay: 106.572 ms

Loss rate: 0.15%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-02-05 04:23:51

End at: 2019-02-05 04:24:21

Local clock offset: -3.625 ms

Remote clock offset: 2.729 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.47 Mbit/s

95th percentile per-packet one-way delay: 106.734 ms

Loss rate: 0.16%

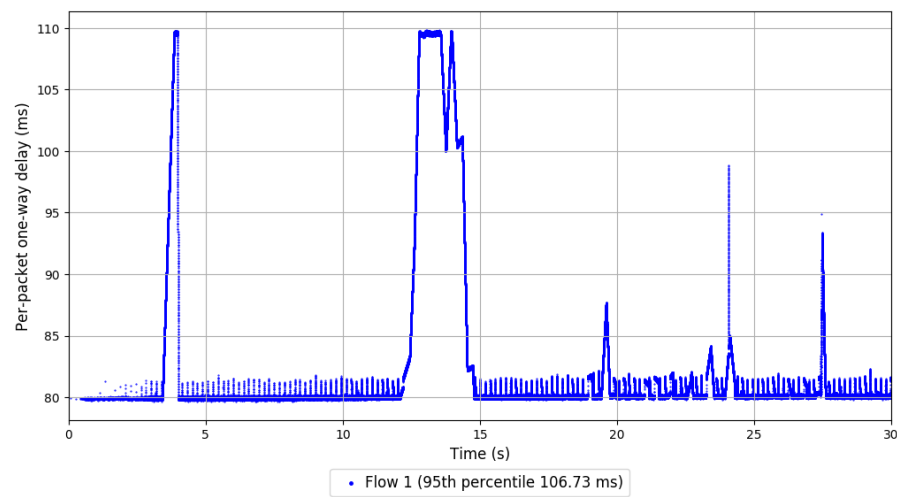
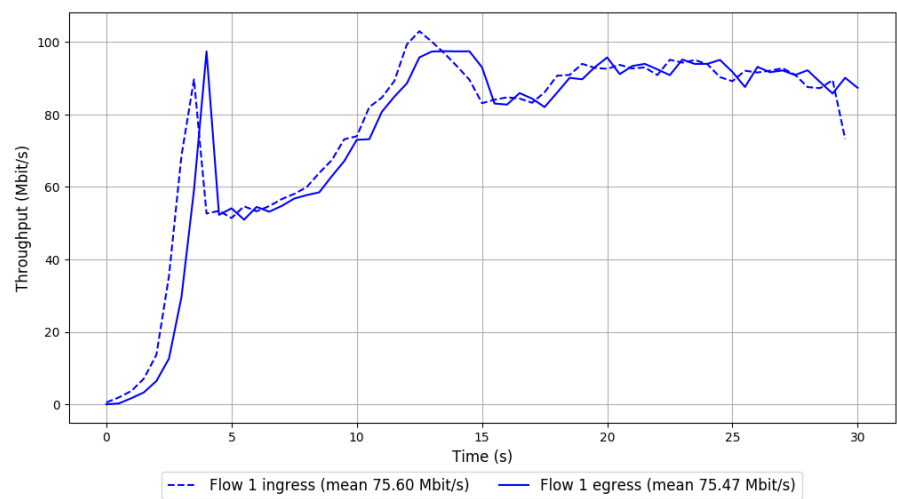
-- Flow 1:

Average throughput: 75.47 Mbit/s

95th percentile per-packet one-way delay: 106.734 ms

Loss rate: 0.16%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-02-05 02:42:30

End at: 2019-02-05 02:43:00

Local clock offset: -2.064 ms

Remote clock offset: 7.285 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.83 Mbit/s

95th percentile per-packet one-way delay: 87.141 ms

Loss rate: 0.07%

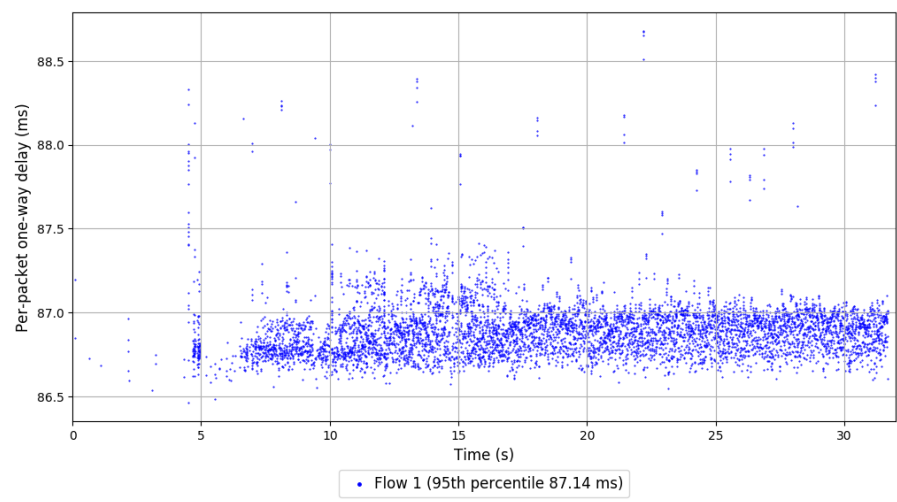
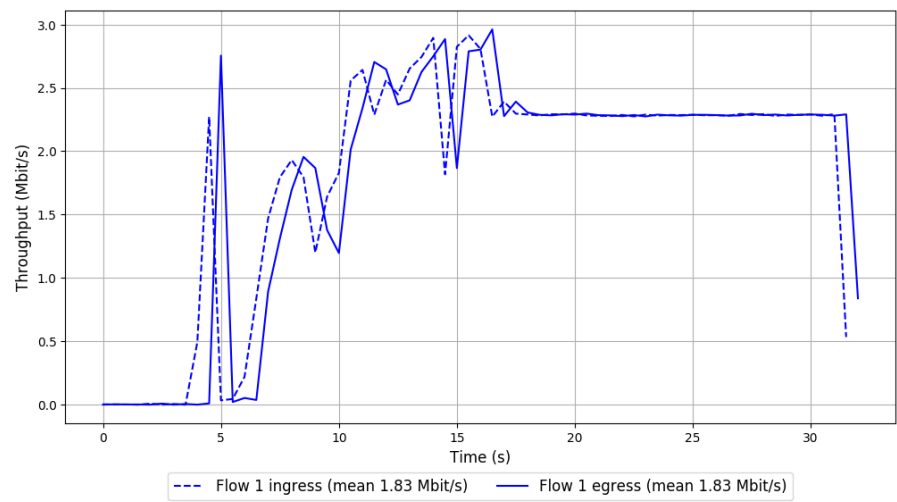
-- Flow 1:

Average throughput: 1.83 Mbit/s

95th percentile per-packet one-way delay: 87.141 ms

Loss rate: 0.07%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

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

End at: 2019-02-05 03:07:42

Local clock offset: -7.695 ms

Remote clock offset: 2.384 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 79.129 ms

Loss rate: 0.00%

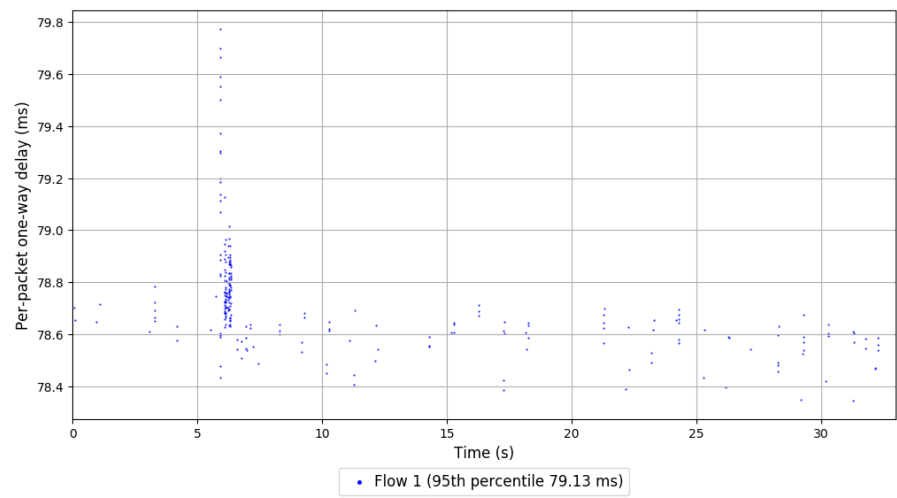
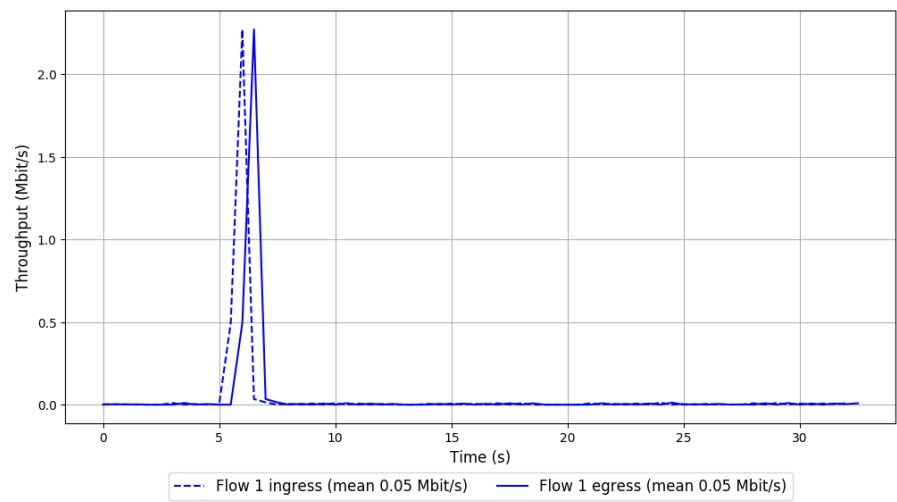
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 79.129 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-02-05 03:31:52

End at: 2019-02-05 03:32:22

Local clock offset: -3.09 ms

Remote clock offset: 5.914 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 84.049 ms

Loss rate: 0.00%

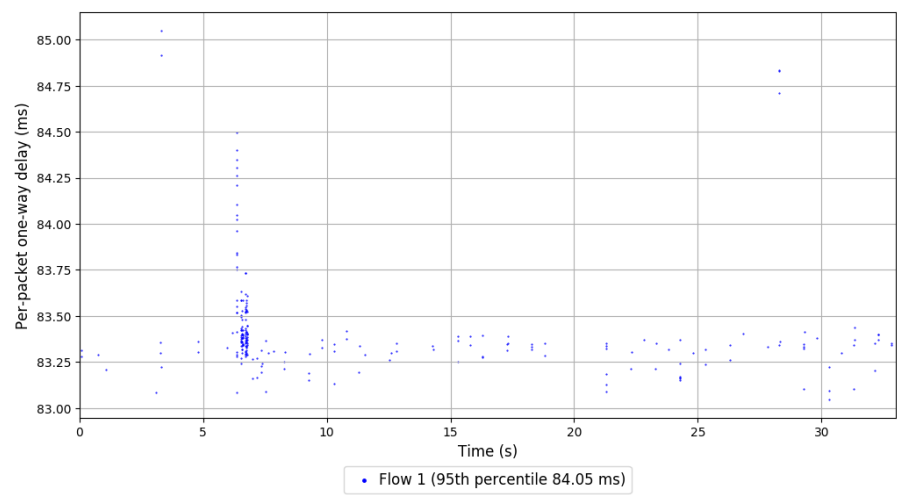
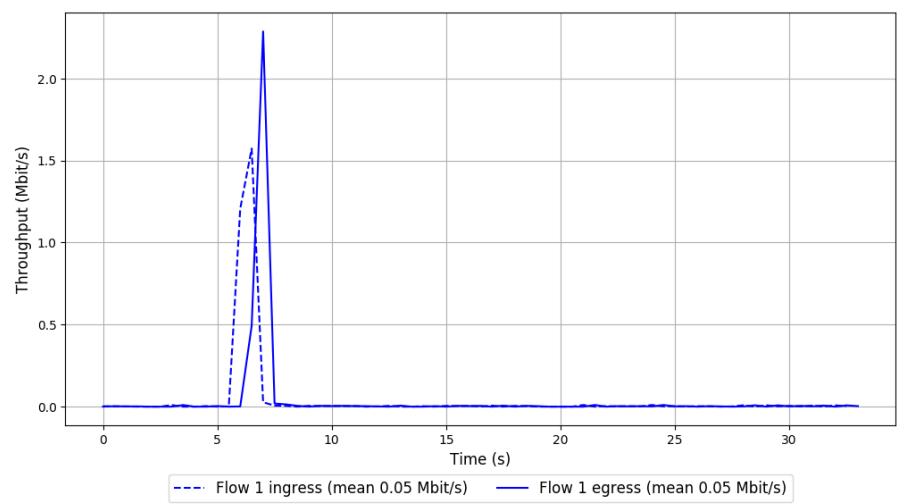
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 84.049 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-02-05 03:56:44

End at: 2019-02-05 03:57:14

Local clock offset: -4.689 ms

Remote clock offset: 9.16 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.638 ms

Loss rate: 0.00%

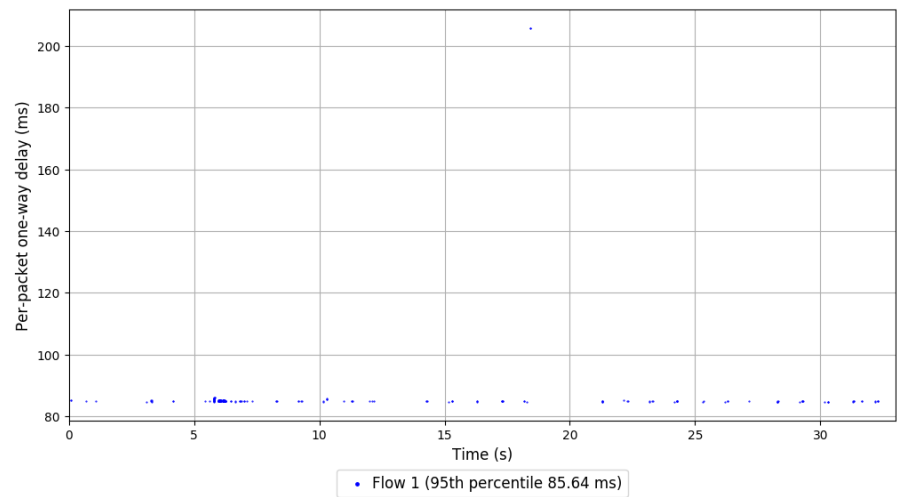
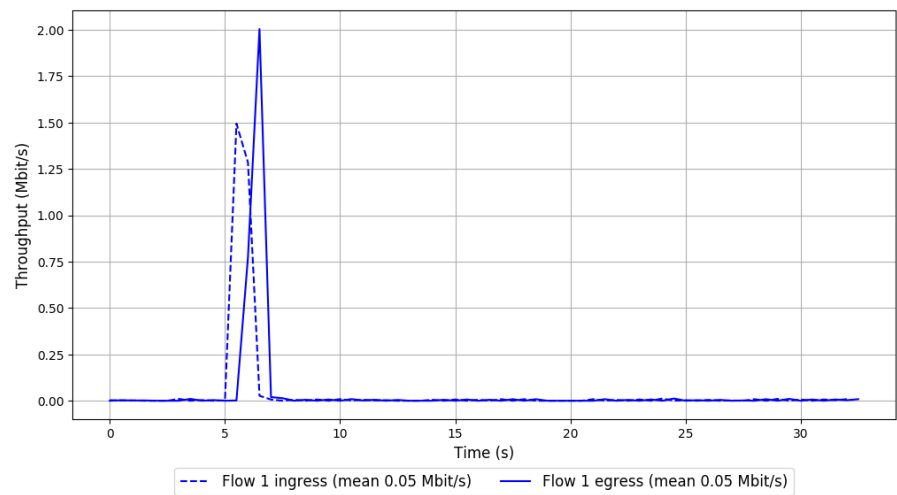
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.638 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-02-05 04:21:32

End at: 2019-02-05 04:22:02

Local clock offset: -4.365 ms

Remote clock offset: 3.071 ms

Below is generated by plot.py at 2019-02-05 04:37:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 81.656 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 81.656 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

