

Pantheon Report

Generated at 2019-02-19 22:00:57 (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:

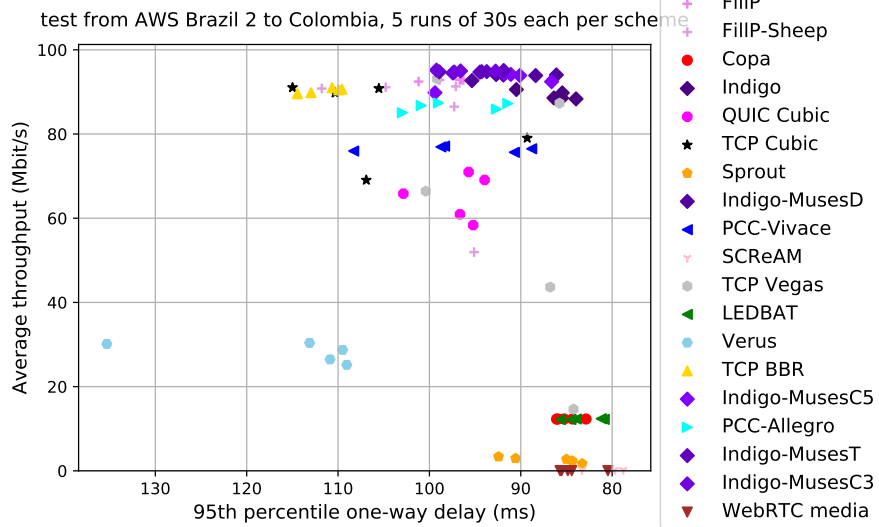
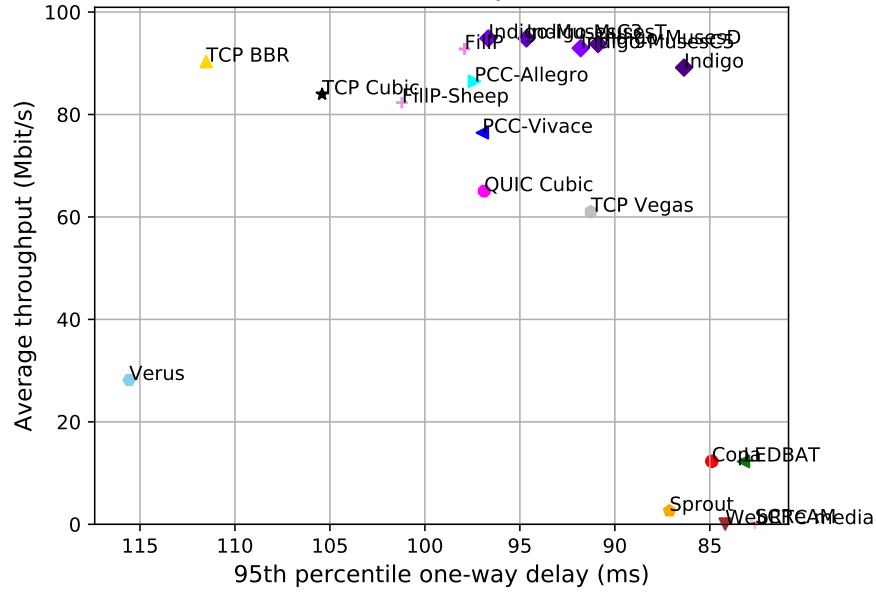
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

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	90.32	111.51	2.83
Copa	5	12.31	84.90	74.19
TCP Cubic	5	83.95	105.41	0.71
FillP	5	92.79	97.91	1.09
FillP-Sheep	5	82.33	101.21	1.67
Indigo	5	89.16	86.36	1.42
Indigo-MusesC3	5	94.86	96.66	0.50
Indigo-MusesC5	5	92.94	91.80	0.20
Indigo-MusesD	5	93.75	90.89	0.07
Indigo-MusesT	5	94.83	94.65	1.72
LEDBAT	5	12.26	83.23	0.00
PCC-Allegro	5	86.47	97.39	1.50
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	65.04	96.88	0.39
SCReAM	5	0.22	82.63	0.00
Sprout	5	2.64	87.13	0.04
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	61.02	91.27	0.56
Verus	5	28.18	115.57	18.99
PCC-Vivace	5	76.44	96.98	0.07
WebRTC media	5	0.05	84.19	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-02-19 19:55:58

End at: 2019-02-19 19:56:28

Local clock offset: -4.25 ms

Remote clock offset: -0.55 ms

Below is generated by plot.py at 2019-02-19 21:52:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.59 Mbit/s

95th percentile per-packet one-way delay: 114.455 ms

Loss rate: 2.32%

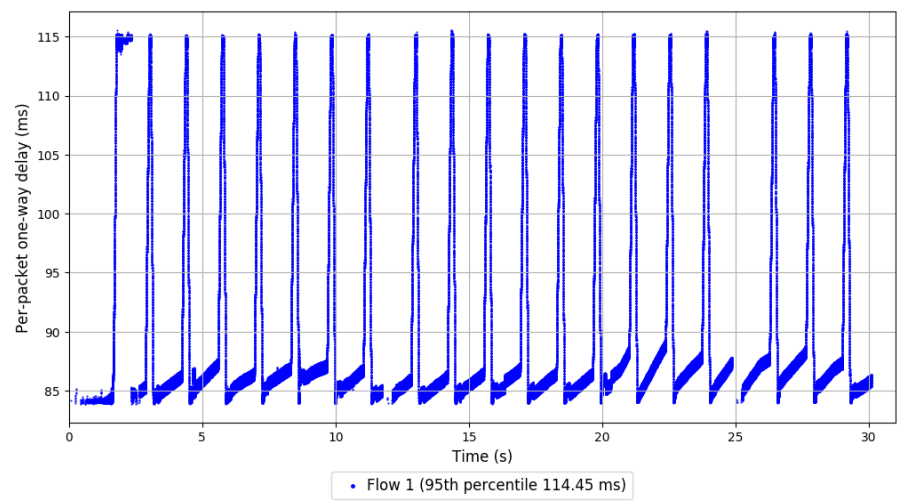
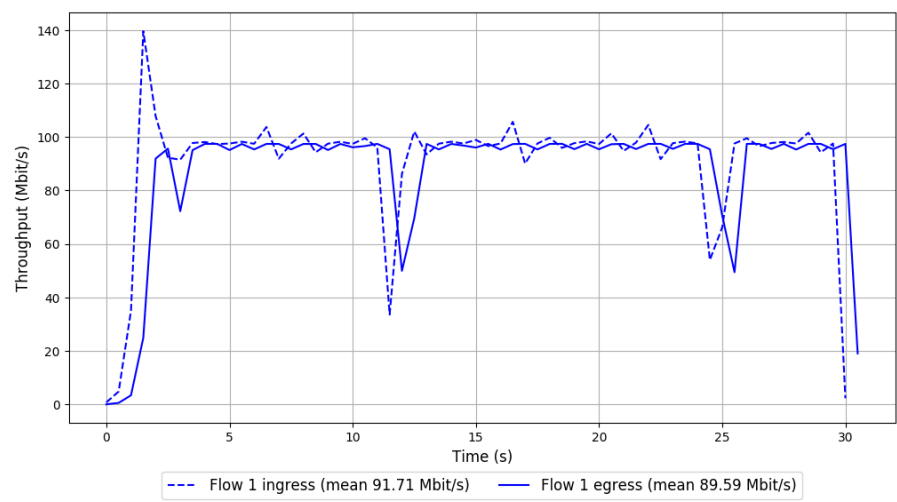
-- Flow 1:

Average throughput: 89.59 Mbit/s

95th percentile per-packet one-way delay: 114.455 ms

Loss rate: 2.32%

Run 1: Report of TCP BBR — Data Link

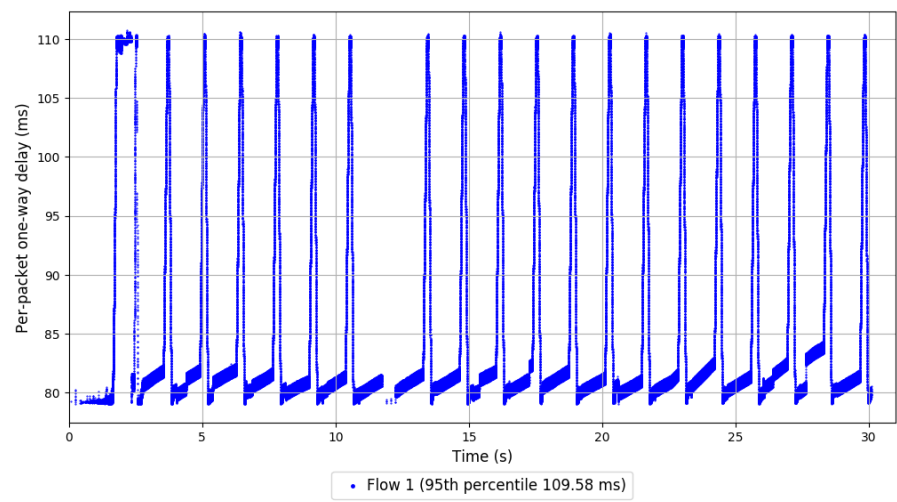
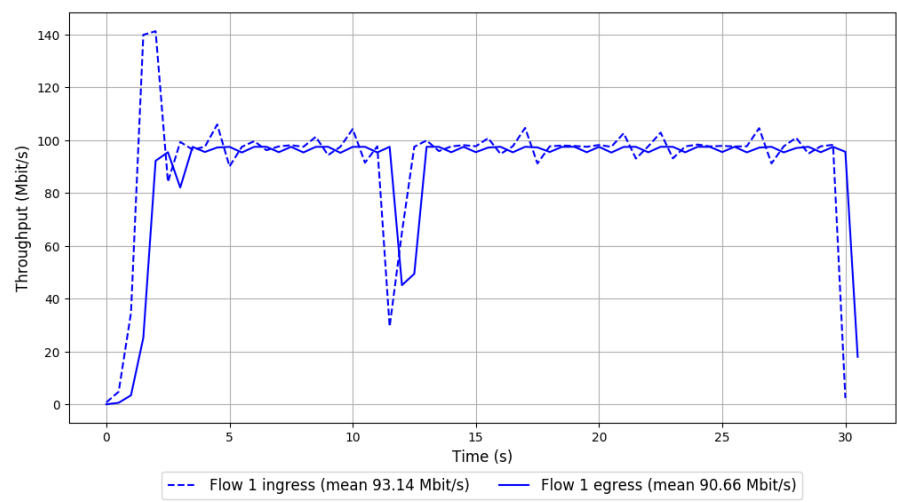


Run 2: Statistics of TCP BBR

Start at: 2019-02-19 20:20:33
End at: 2019-02-19 20:21:03
Local clock offset: -4.438 ms
Remote clock offset: -5.483 ms

Below is generated by plot.py at 2019-02-19 21:52:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.66 Mbit/s
95th percentile per-packet one-way delay: 109.580 ms
Loss rate: 2.66%
-- Flow 1:
Average throughput: 90.66 Mbit/s
95th percentile per-packet one-way delay: 109.580 ms
Loss rate: 2.66%

Run 2: Report of TCP BBR — Data Link

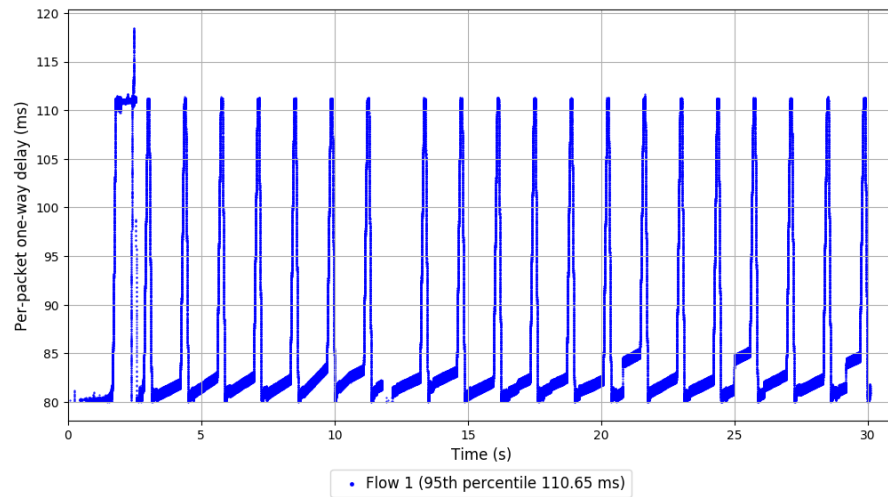
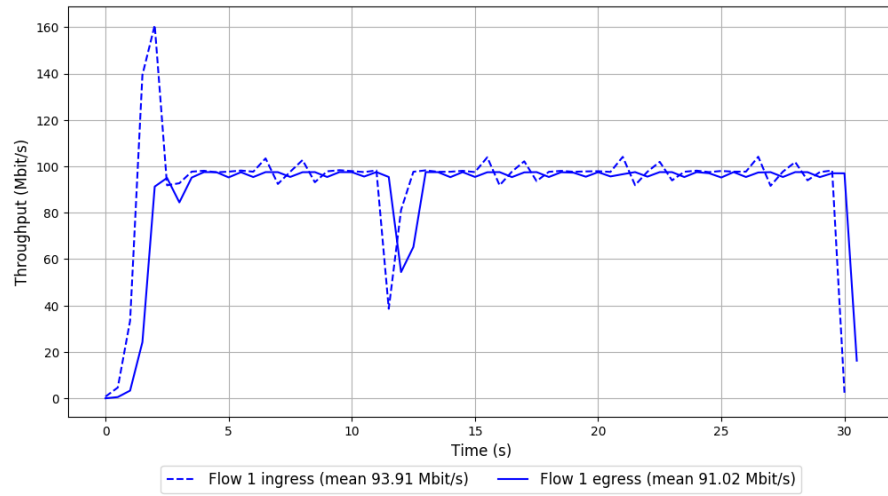


Run 3: Statistics of TCP BBR

Start at: 2019-02-19 20:45:09
End at: 2019-02-19 20:45:39
Local clock offset: -6.074 ms
Remote clock offset: -5.004 ms

Below is generated by plot.py at 2019-02-19 21:52:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 110.648 ms
Loss rate: 3.08%
-- Flow 1:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 110.648 ms
Loss rate: 3.08%

Run 3: Report of TCP BBR — Data Link

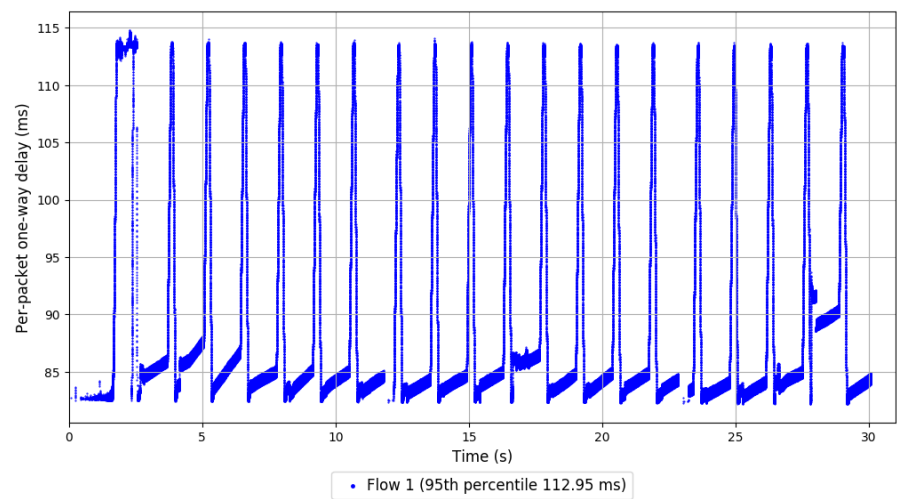
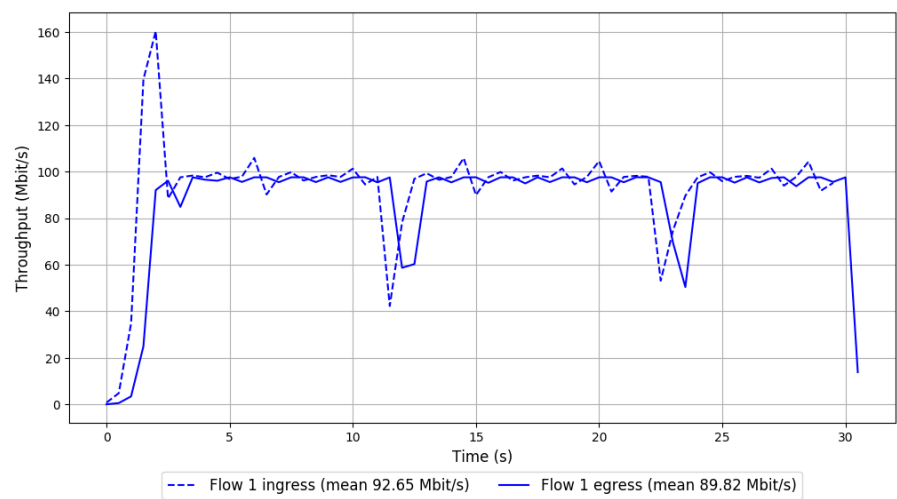


Run 4: Statistics of TCP BBR

Start at: 2019-02-19 21:09:46
End at: 2019-02-19 21:10:16
Local clock offset: -10.656 ms
Remote clock offset: -0.485 ms

Below is generated by plot.py at 2019-02-19 21:52:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.82 Mbit/s
95th percentile per-packet one-way delay: 112.955 ms
Loss rate: 3.05%
-- Flow 1:
Average throughput: 89.82 Mbit/s
95th percentile per-packet one-way delay: 112.955 ms
Loss rate: 3.05%

Run 4: Report of TCP BBR — Data Link

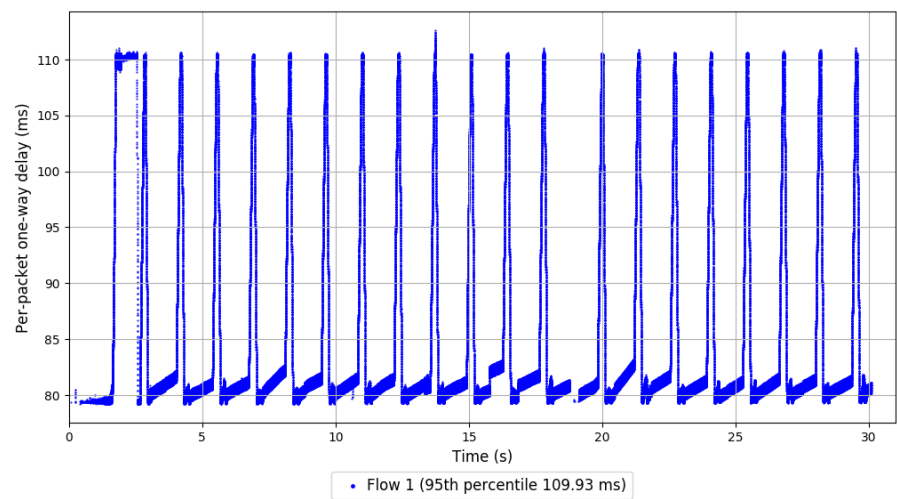
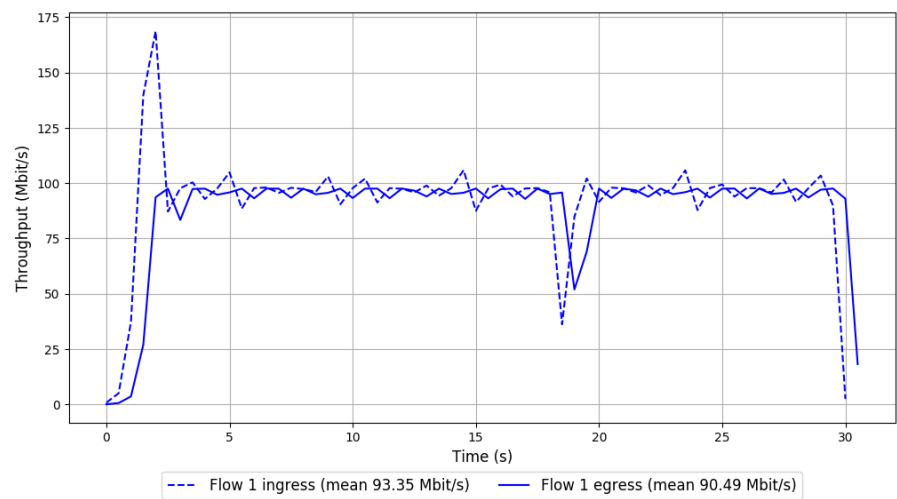


Run 5: Statistics of TCP BBR

Start at: 2019-02-19 21:34:23
End at: 2019-02-19 21:34:53
Local clock offset: -11.198 ms
Remote clock offset: 0.115 ms

Below is generated by plot.py at 2019-02-19 21:52:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 109.931 ms
Loss rate: 3.06%
-- Flow 1:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 109.931 ms
Loss rate: 3.06%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2019-02-19 20:06:31

End at: 2019-02-19 20:07:01

Local clock offset: -4.984 ms

Remote clock offset: -2.85 ms

Below is generated by plot.py at 2019-02-19 21:52:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.31 Mbit/s

95th percentile per-packet one-way delay: 82.857 ms

Loss rate: 74.71%

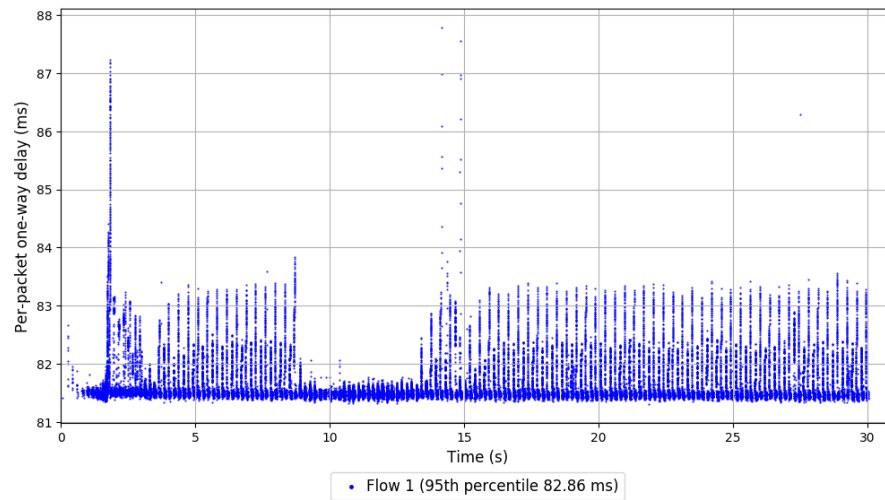
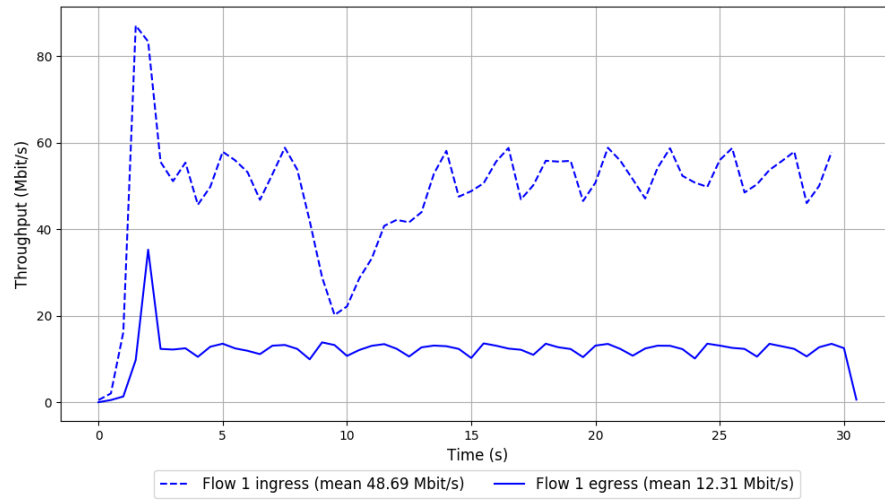
-- Flow 1:

Average throughput: 12.31 Mbit/s

95th percentile per-packet one-way delay: 82.857 ms

Loss rate: 74.71%

Run 1: Report of Copa — Data Link

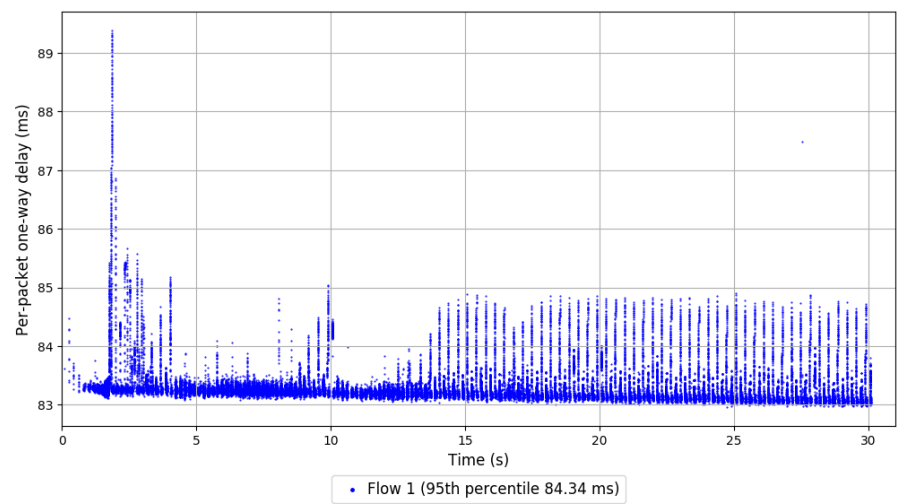
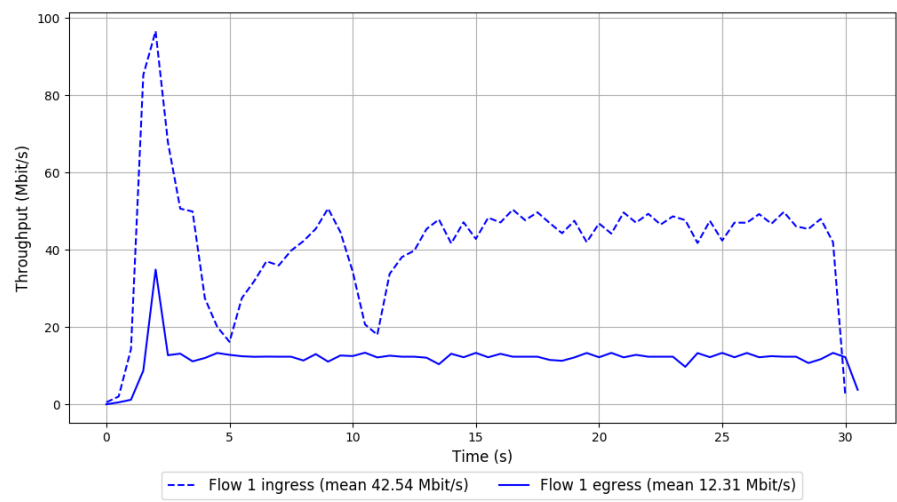


Run 2: Statistics of Copa

Start at: 2019-02-19 20:31:07
End at: 2019-02-19 20:31:37
Local clock offset: -3.524 ms
Remote clock offset: -0.797 ms

Below is generated by plot.py at 2019-02-19 21:52:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 84.341 ms
Loss rate: 71.07%
-- Flow 1:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 84.341 ms
Loss rate: 71.07%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2019-02-19 20:55:42

End at: 2019-02-19 20:56:12

Local clock offset: -5.75 ms

Remote clock offset: 0.641 ms

Below is generated by plot.py at 2019-02-19 21:52:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.31 Mbit/s

95th percentile per-packet one-way delay: 85.937 ms

Loss rate: 75.80%

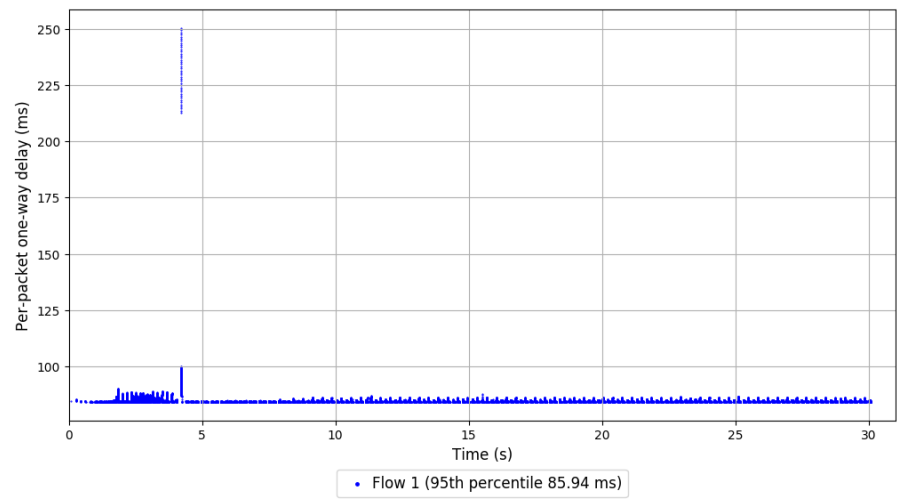
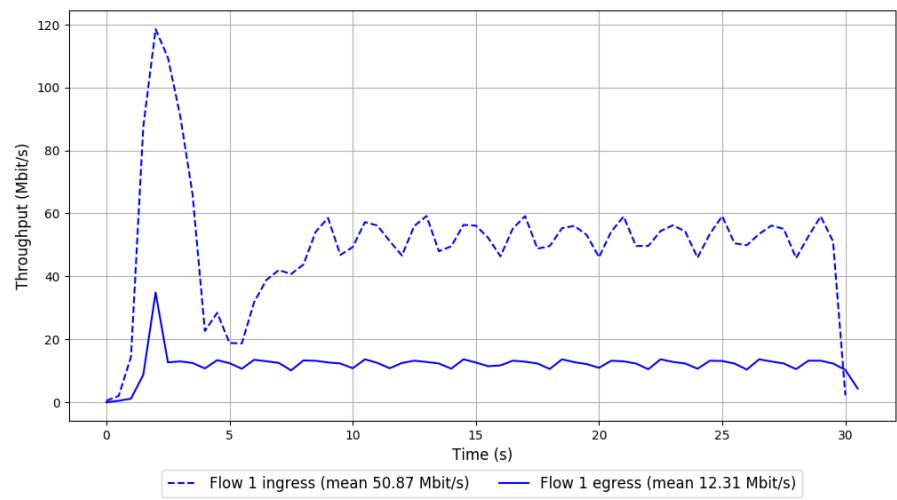
-- Flow 1:

Average throughput: 12.31 Mbit/s

95th percentile per-packet one-way delay: 85.937 ms

Loss rate: 75.80%

Run 3: Report of Copa — Data Link

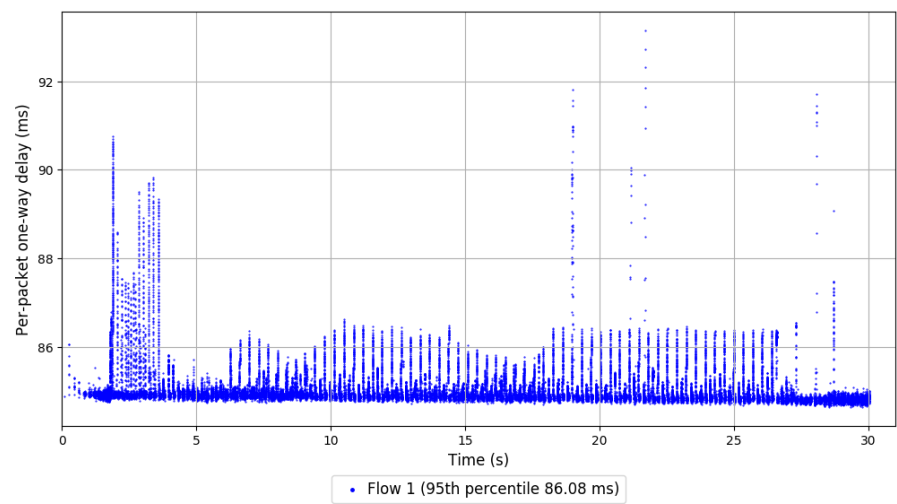
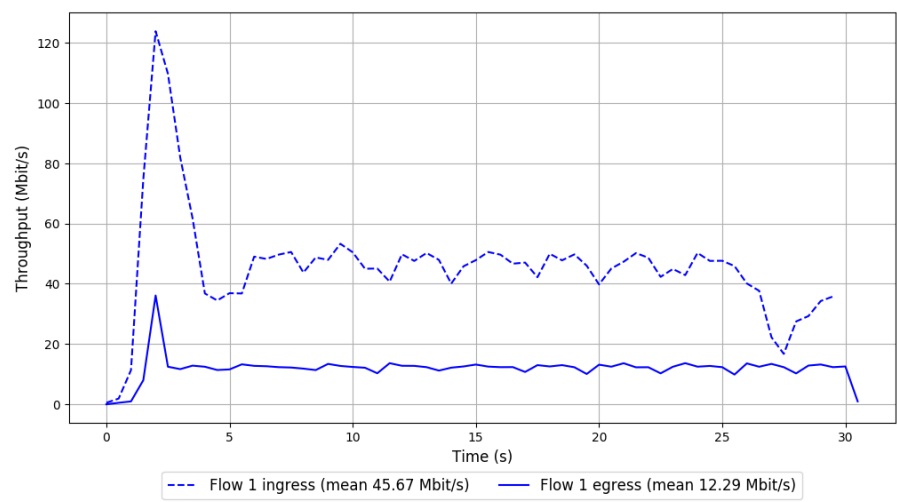


Run 4: Statistics of Copa

Start at: 2019-02-19 21:20:20
End at: 2019-02-19 21:20:50
Local clock offset: -12.559 ms
Remote clock offset: 4.506 ms

Below is generated by plot.py at 2019-02-19 21:52:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.29 Mbit/s
95th percentile per-packet one-way delay: 86.081 ms
Loss rate: 73.10%
-- Flow 1:
Average throughput: 12.29 Mbit/s
95th percentile per-packet one-way delay: 86.081 ms
Loss rate: 73.10%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2019-02-19 21:44:55

End at: 2019-02-19 21:45:25

Local clock offset: -8.656 ms

Remote clock offset: 6.172 ms

Below is generated by plot.py at 2019-02-19 21:52:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.31 Mbit/s

95th percentile per-packet one-way delay: 85.261 ms

Loss rate: 76.26%

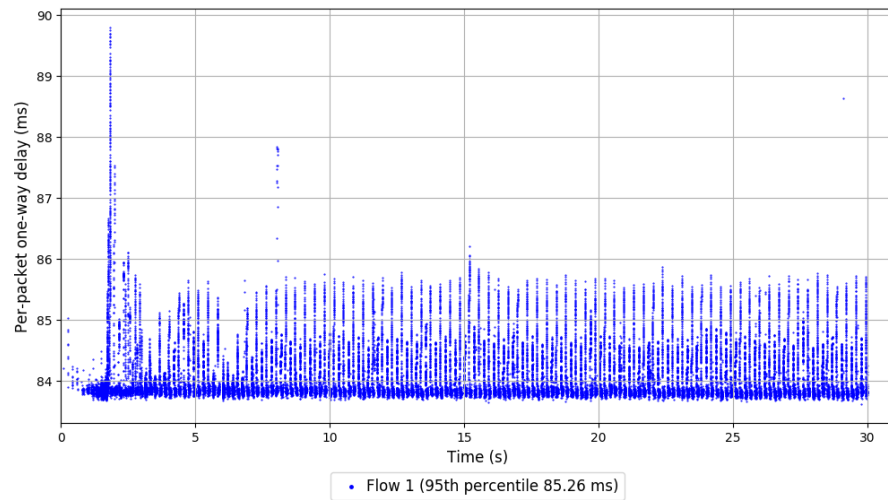
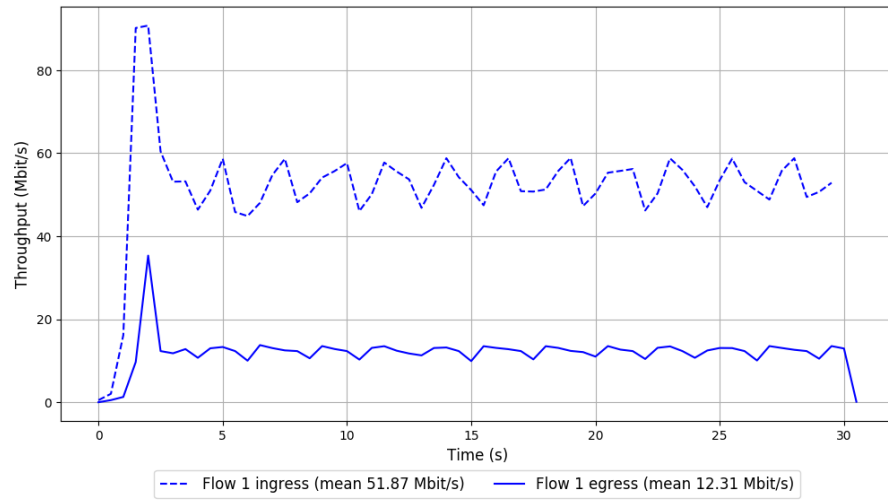
-- Flow 1:

Average throughput: 12.31 Mbit/s

95th percentile per-packet one-way delay: 85.261 ms

Loss rate: 76.26%

Run 5: Report of Copa — Data Link

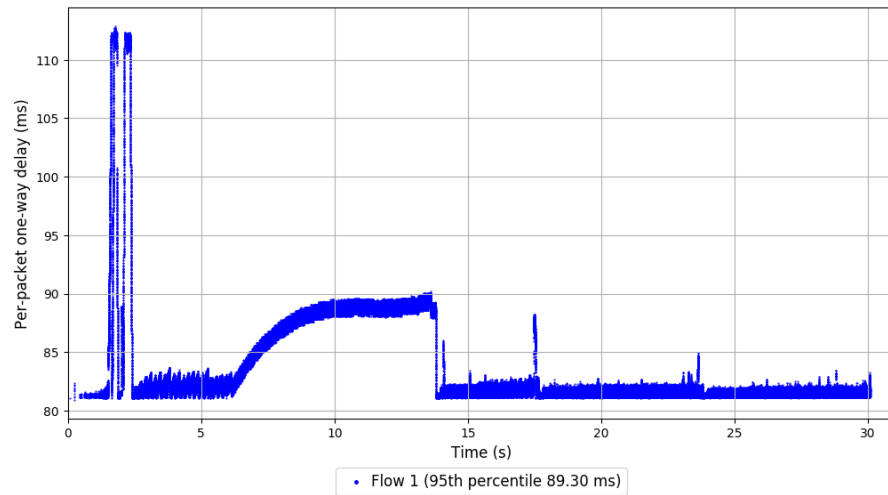
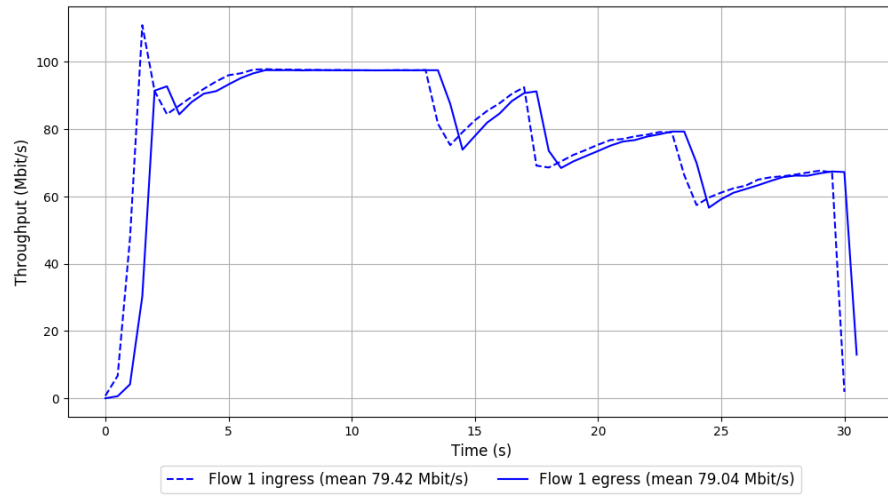


Run 1: Statistics of TCP Cubic

Start at: 2019-02-19 19:53:35
End at: 2019-02-19 19:54:05
Local clock offset: -4.499 ms
Remote clock offset: -4.333 ms

Below is generated by plot.py at 2019-02-19 21:52:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 89.297 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 89.297 ms
Loss rate: 0.48%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

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

End at: 2019-02-19 20:18:40

Local clock offset: -4.792 ms

Remote clock offset: -4.31 ms

Below is generated by plot.py at 2019-02-19 21:53:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.78 Mbit/s

95th percentile per-packet one-way delay: 110.326 ms

Loss rate: 0.93%

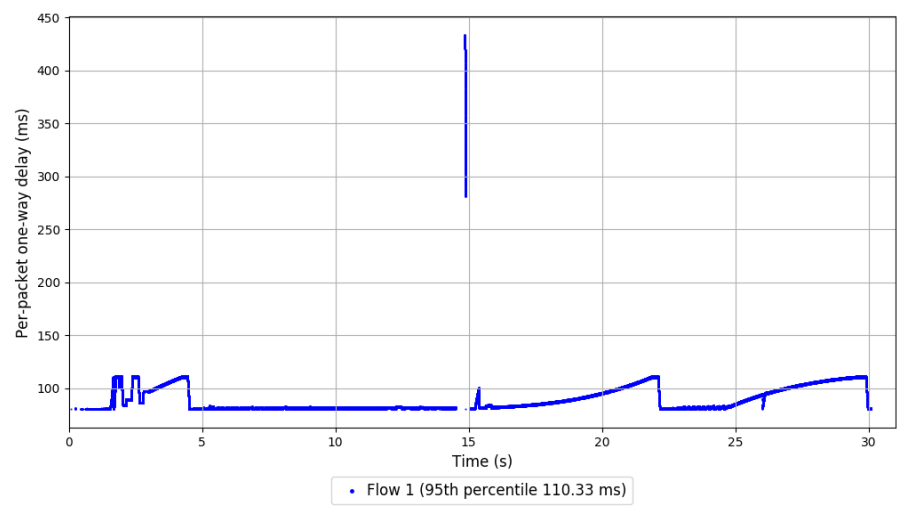
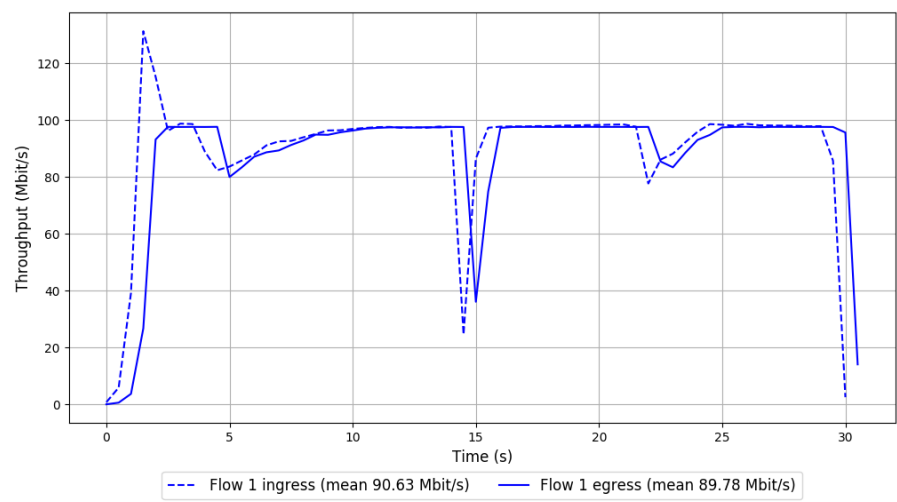
-- Flow 1:

Average throughput: 89.78 Mbit/s

95th percentile per-packet one-way delay: 110.326 ms

Loss rate: 0.93%

Run 2: Report of TCP Cubic — Data Link

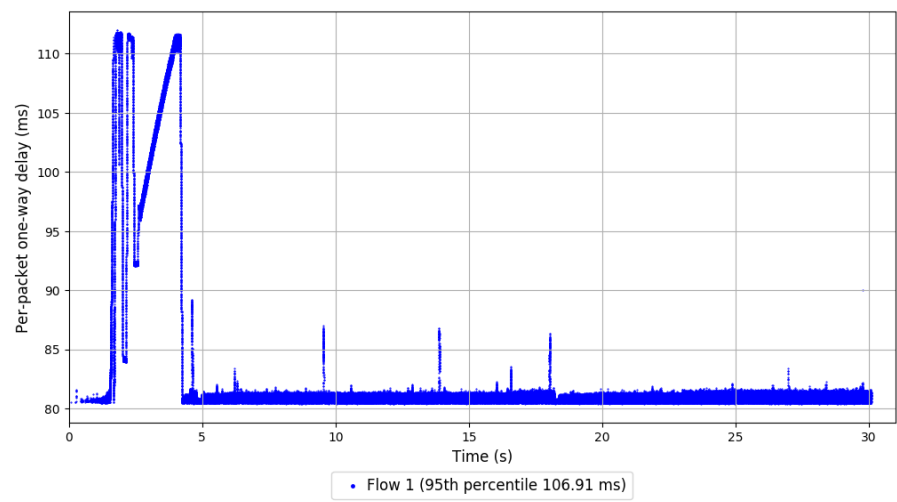
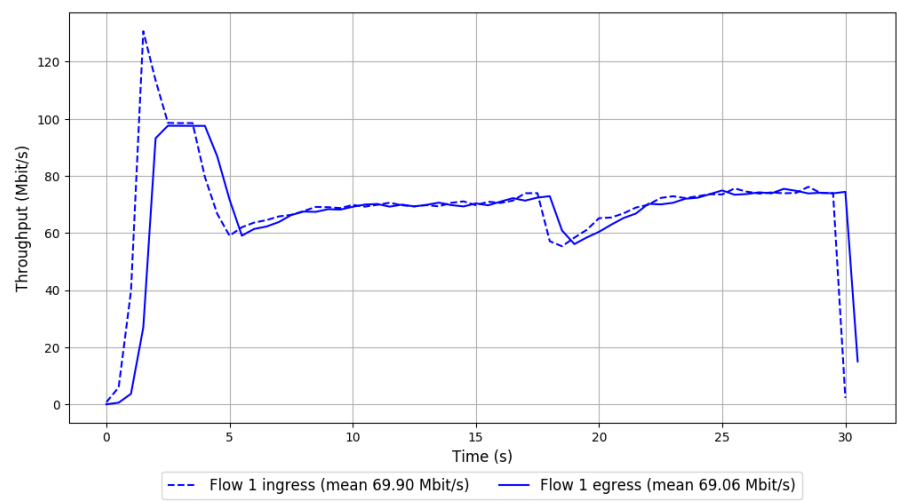


Run 3: Statistics of TCP Cubic

Start at: 2019-02-19 20:42:46
End at: 2019-02-19 20:43:16
Local clock offset: -6.019 ms
Remote clock offset: -3.548 ms

Below is generated by plot.py at 2019-02-19 21:53:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.06 Mbit/s
95th percentile per-packet one-way delay: 106.907 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 69.06 Mbit/s
95th percentile per-packet one-way delay: 106.907 ms
Loss rate: 1.20%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-02-19 21:07:22

End at: 2019-02-19 21:07:52

Local clock offset: -9.935 ms

Remote clock offset: 0.594 ms

Below is generated by plot.py at 2019-02-19 21:53:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 114.985 ms

Loss rate: 0.48%

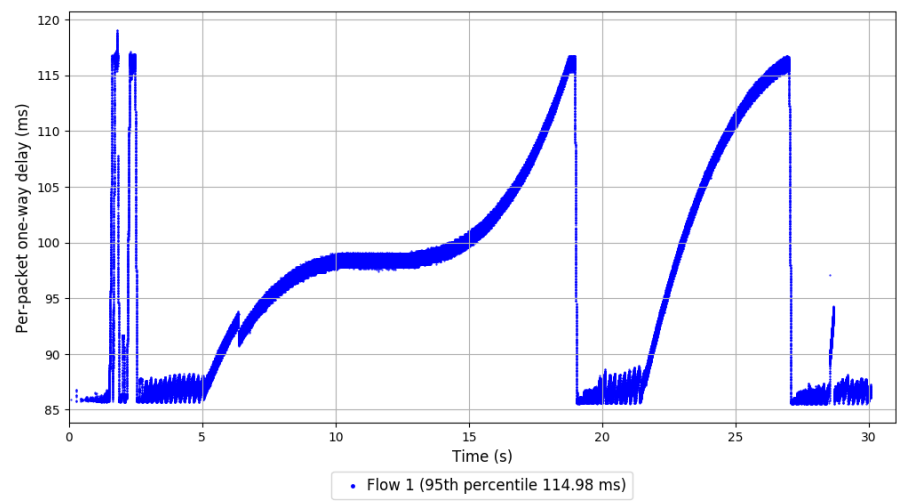
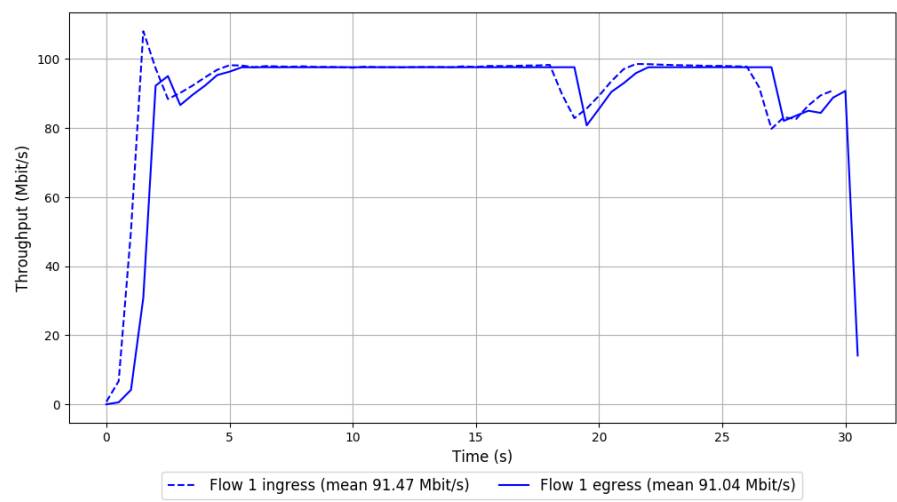
-- Flow 1:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 114.985 ms

Loss rate: 0.48%

Run 4: Report of TCP Cubic — Data Link

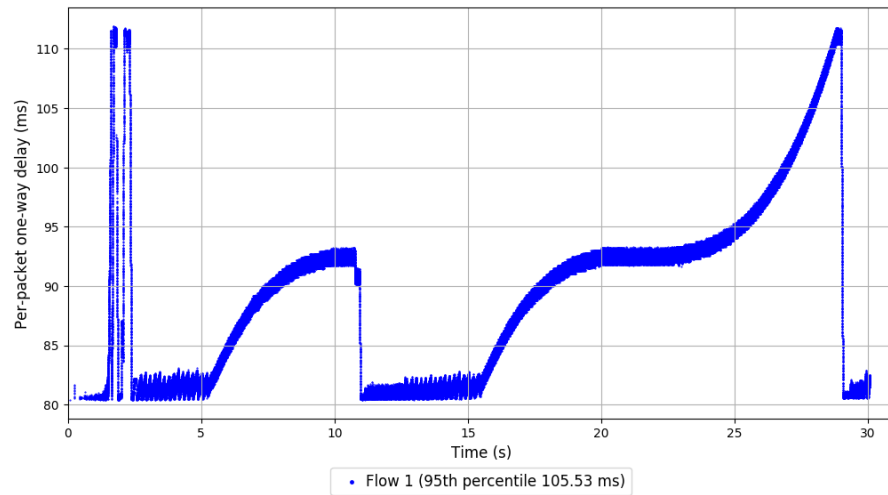
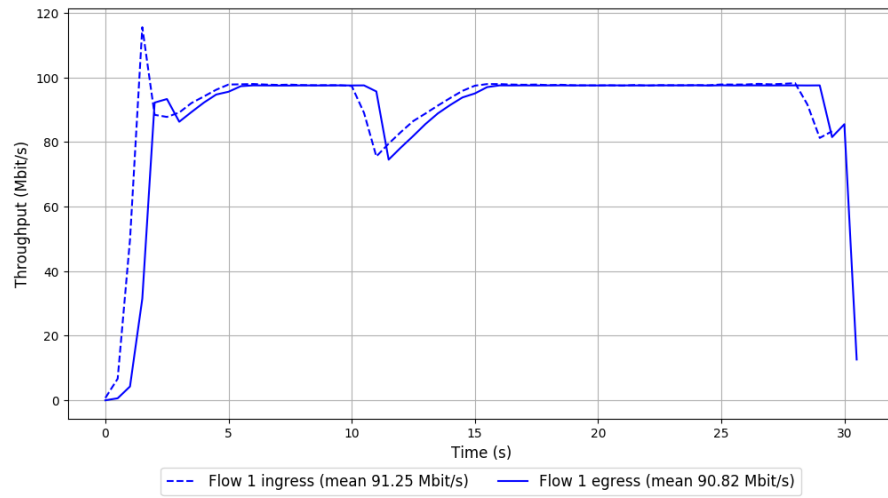


Run 5: Statistics of TCP Cubic

Start at: 2019-02-19 21:31:59
End at: 2019-02-19 21:32:29
Local clock offset: -12.125 ms
Remote clock offset: 1.081 ms

Below is generated by plot.py at 2019-02-19 21:53:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 105.534 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 105.534 ms
Loss rate: 0.46%

Run 5: Report of TCP Cubic — Data Link

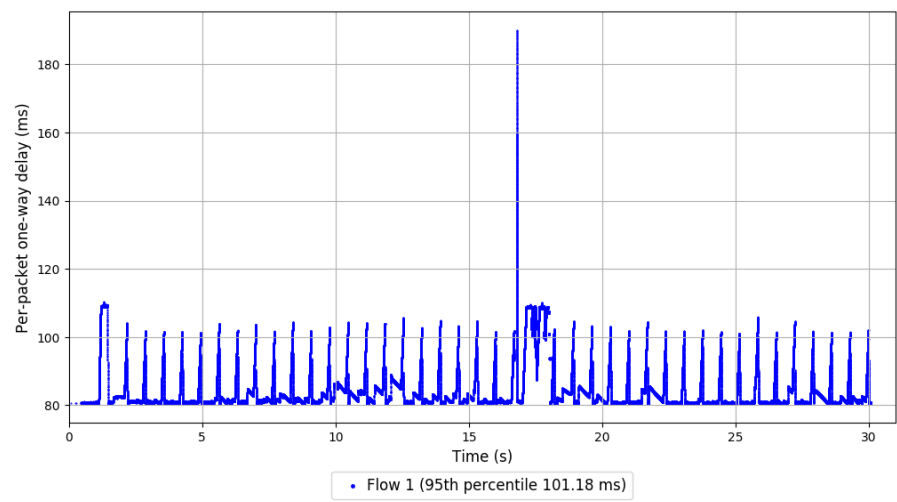
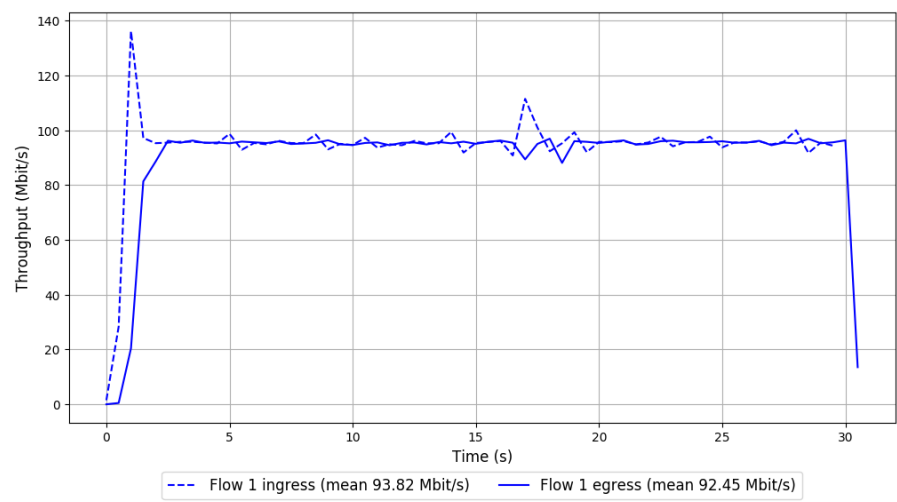


Run 1: Statistics of FillP

Start at: 2019-02-19 20:01:47
End at: 2019-02-19 20:02:17
Local clock offset: -3.992 ms
Remote clock offset: -4.381 ms

Below is generated by plot.py at 2019-02-19 21:53:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.45 Mbit/s
95th percentile per-packet one-way delay: 101.181 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 92.45 Mbit/s
95th percentile per-packet one-way delay: 101.181 ms
Loss rate: 1.46%

Run 1: Report of FillP — Data Link

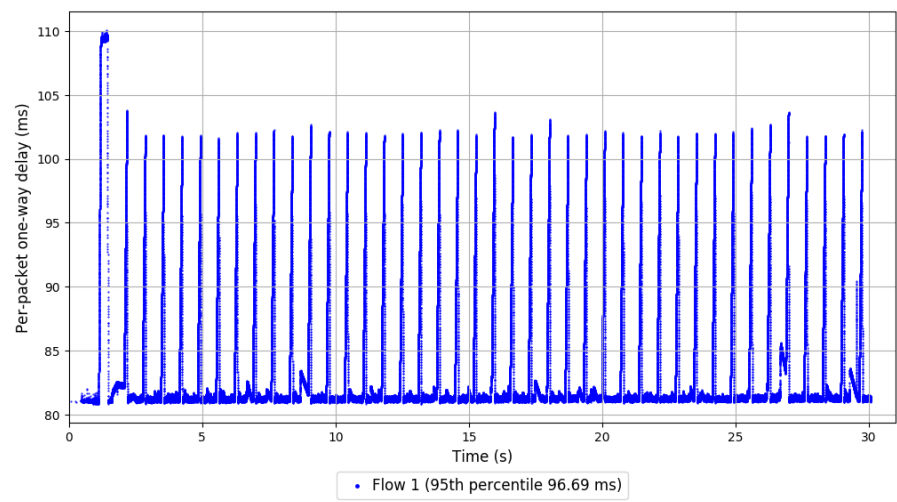
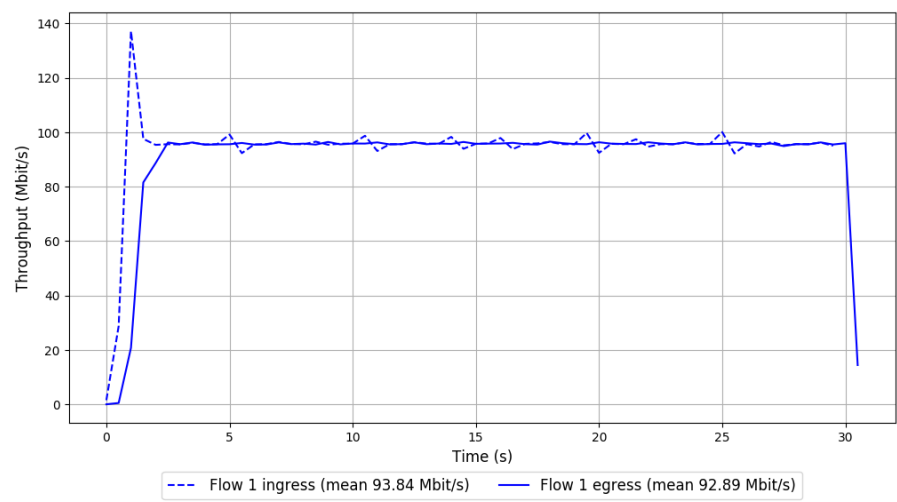


Run 2: Statistics of FillP

Start at: 2019-02-19 20:26:22
End at: 2019-02-19 20:26:52
Local clock offset: -3.608 ms
Remote clock offset: -5.419 ms

Below is generated by plot.py at 2019-02-19 21:53:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.89 Mbit/s
95th percentile per-packet one-way delay: 96.685 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 92.89 Mbit/s
95th percentile per-packet one-way delay: 96.685 ms
Loss rate: 1.02%

Run 2: Report of FillP — Data Link

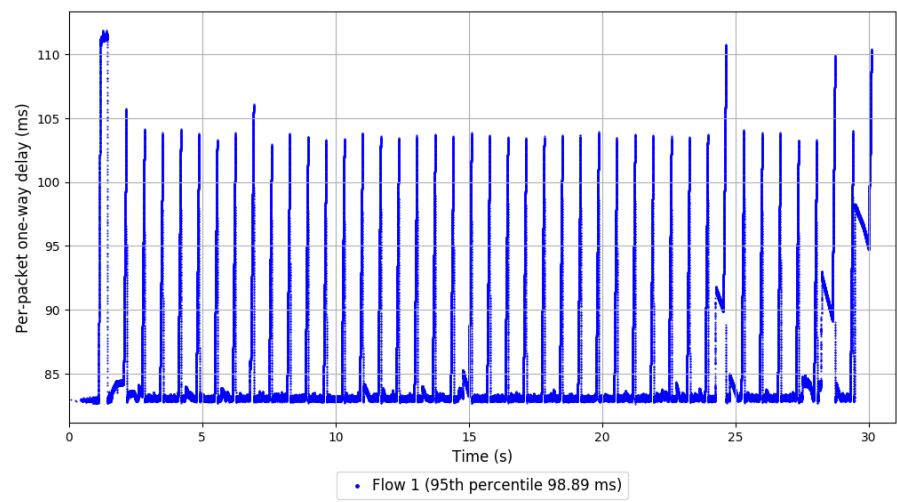
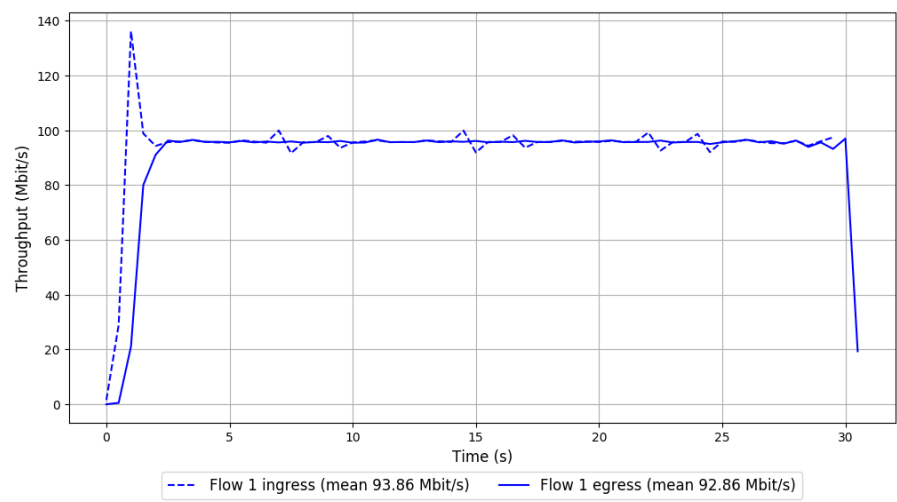


Run 3: Statistics of FillP

Start at: 2019-02-19 20:50:58
End at: 2019-02-19 20:51:28
Local clock offset: -5.955 ms
Remote clock offset: -0.949 ms

Below is generated by plot.py at 2019-02-19 21:53:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 98.894 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 98.894 ms
Loss rate: 0.98%

Run 3: Report of FillP — Data Link

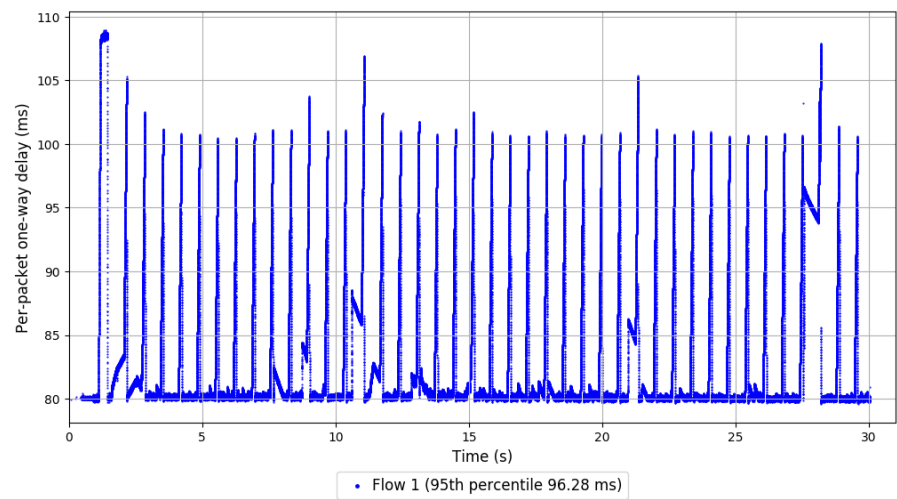
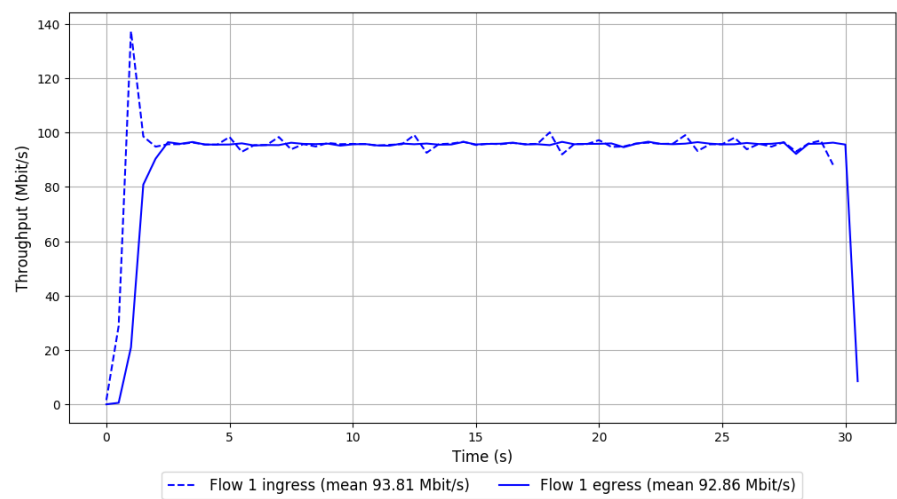


Run 4: Statistics of FillP

Start at: 2019-02-19 21:15:35
End at: 2019-02-19 21:16:05
Local clock offset: -11.961 ms
Remote clock offset: -2.68 ms

Below is generated by plot.py at 2019-02-19 21:54:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 96.278 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 96.278 ms
Loss rate: 1.01%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-02-19 21:40:10

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

Local clock offset: -9.511 ms

Remote clock offset: 2.009 ms

Below is generated by plot.py at 2019-02-19 21:54:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.89 Mbit/s

95th percentile per-packet one-way delay: 96.536 ms

Loss rate: 0.96%

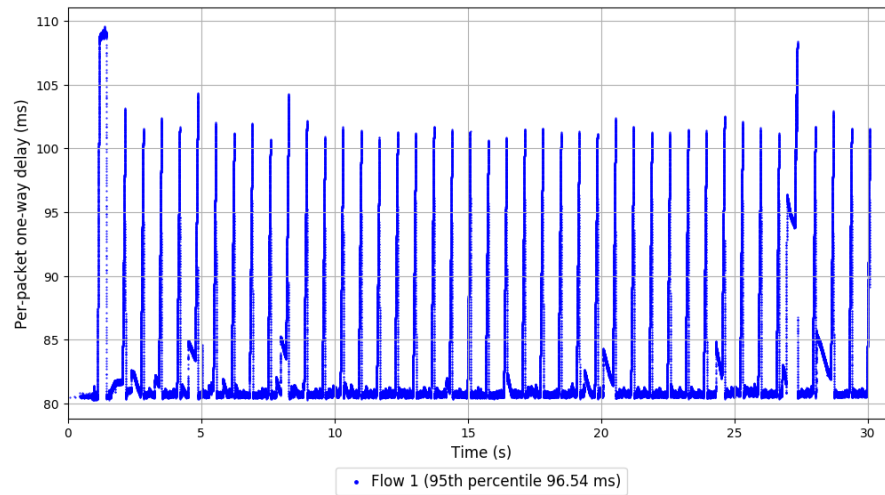
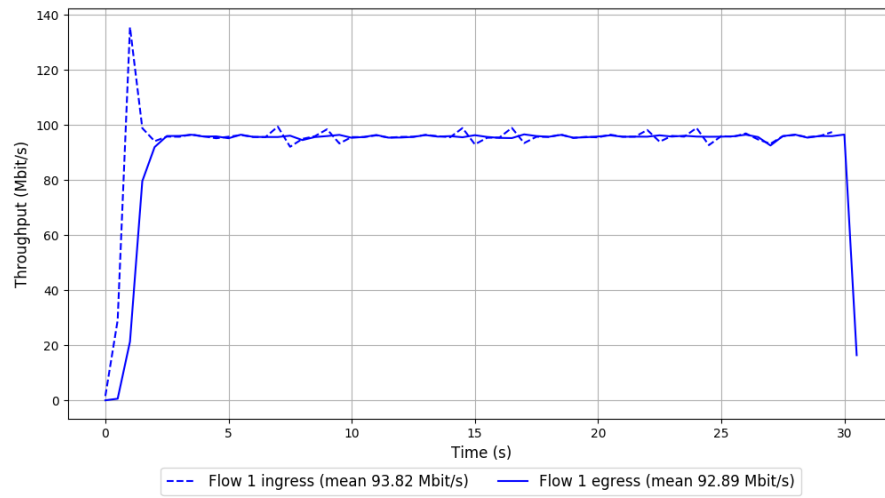
-- Flow 1:

Average throughput: 92.89 Mbit/s

95th percentile per-packet one-way delay: 96.536 ms

Loss rate: 0.96%

Run 5: Report of FillP — Data Link

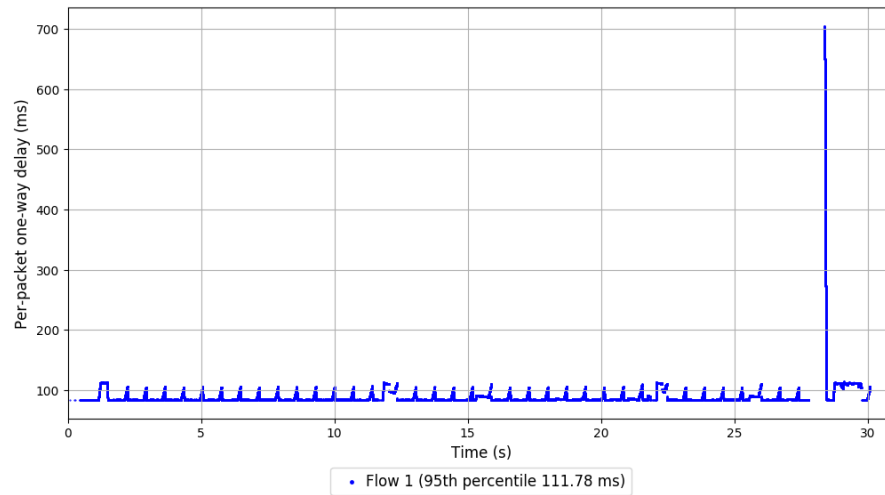
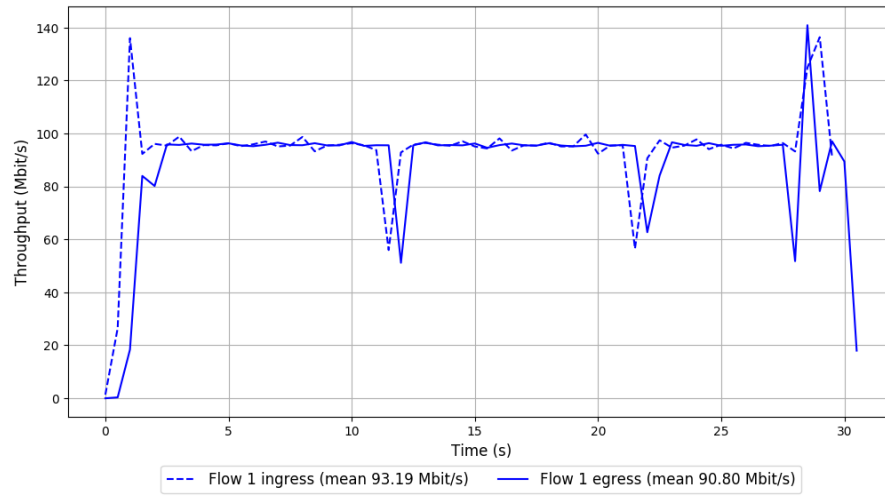


Run 1: Statistics of FillP-Sheep

Start at: 2019-02-19 20:00:35
End at: 2019-02-19 20:01:05
Local clock offset: -3.549 ms
Remote clock offset: -0.539 ms

Below is generated by plot.py at 2019-02-19 21:54:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.80 Mbit/s
95th percentile per-packet one-way delay: 111.782 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 90.80 Mbit/s
95th percentile per-packet one-way delay: 111.782 ms
Loss rate: 2.51%

Run 1: Report of FillP-Sheep — Data Link

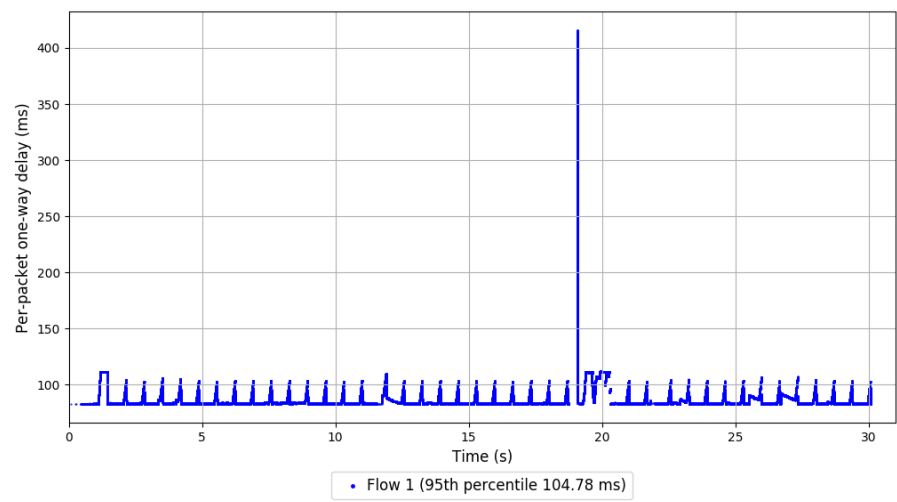
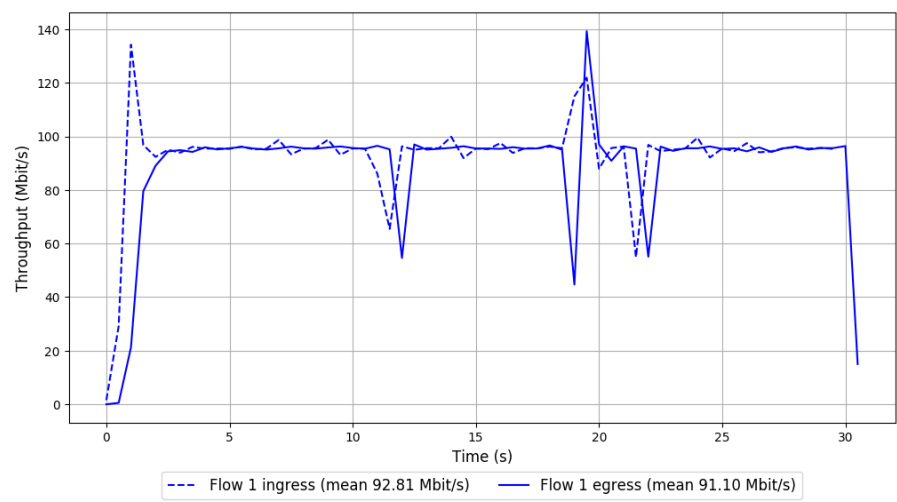


Run 2: Statistics of FillP-Sheep

Start at: 2019-02-19 20:25:11
End at: 2019-02-19 20:25:41
Local clock offset: -3.797 ms
Remote clock offset: -1.361 ms

Below is generated by plot.py at 2019-02-19 21:54:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 104.781 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 104.781 ms
Loss rate: 1.84%

Run 2: Report of FillP-Sheep — Data Link

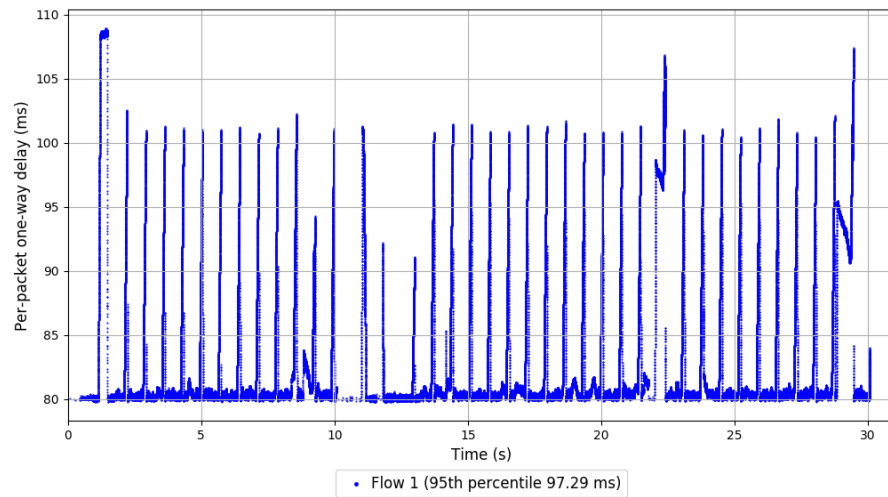
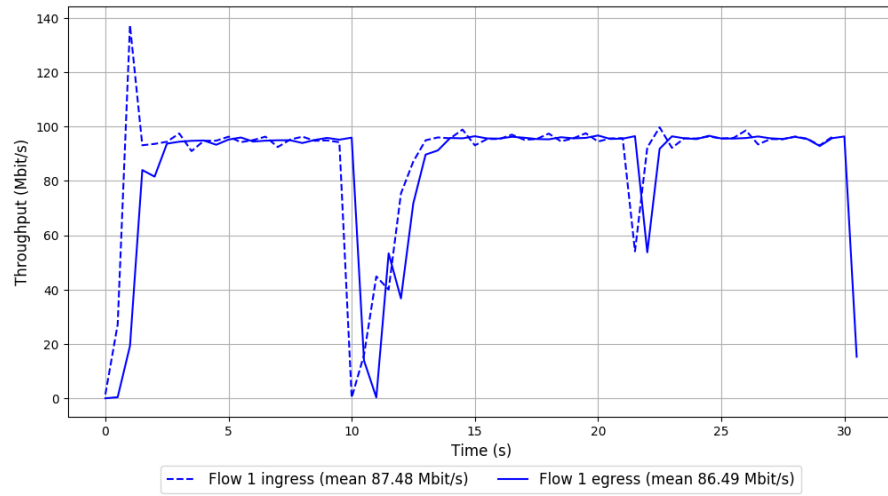


Run 3: Statistics of FillP-Sheep

Start at: 2019-02-19 20:49:47
End at: 2019-02-19 20:50:17
Local clock offset: -6.079 ms
Remote clock offset: -3.702 ms

Below is generated by plot.py at 2019-02-19 21:54:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 97.288 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 97.288 ms
Loss rate: 1.11%

Run 3: Report of FillP-Sheep — Data Link

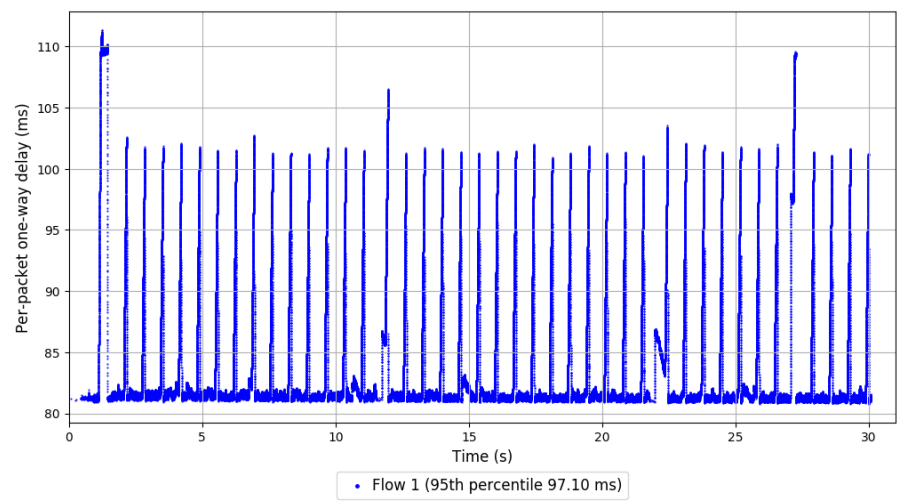
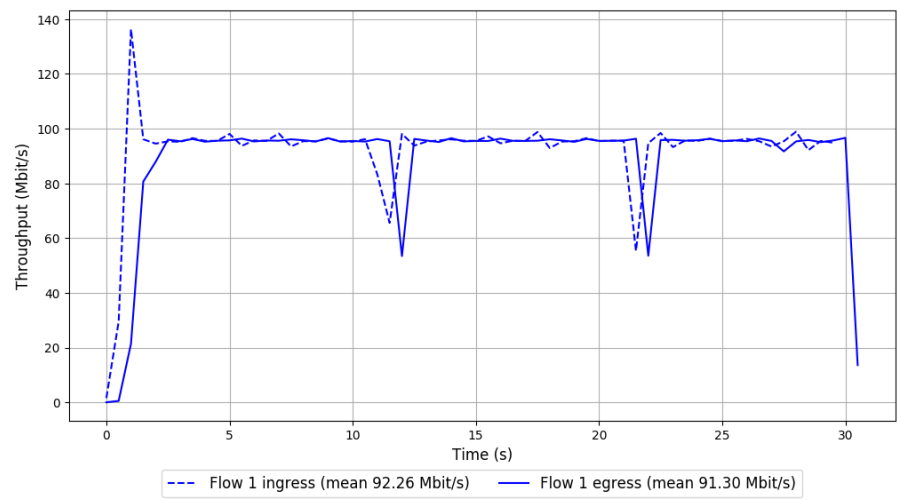


Run 4: Statistics of FillP-Sheep

Start at: 2019-02-19 21:14:24
End at: 2019-02-19 21:14:54
Local clock offset: -11.766 ms
Remote clock offset: -1.652 ms

Below is generated by plot.py at 2019-02-19 21:55:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 97.104 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 97.104 ms
Loss rate: 1.05%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

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

End at: 2019-02-19 21:39:30

Local clock offset: -9.732 ms

Remote clock offset: 0.404 ms

Below is generated by plot.py at 2019-02-19 21:55:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.95 Mbit/s

95th percentile per-packet one-way delay: 95.103 ms

Loss rate: 1.85%

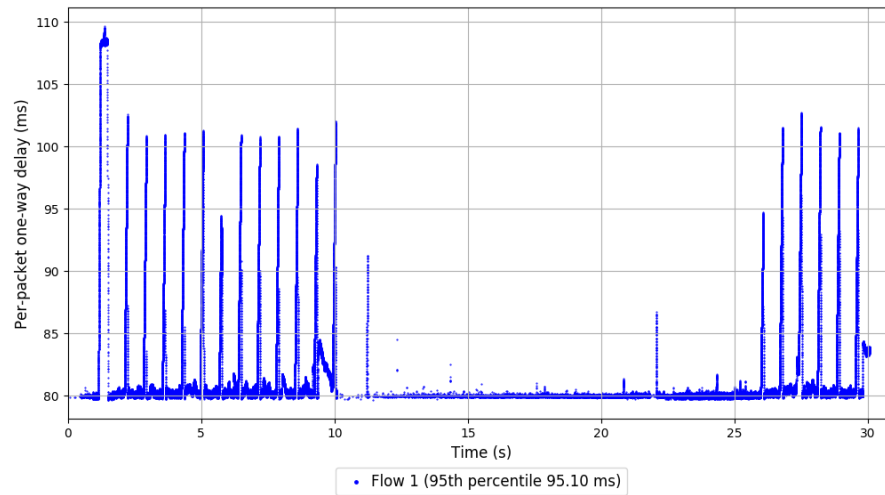
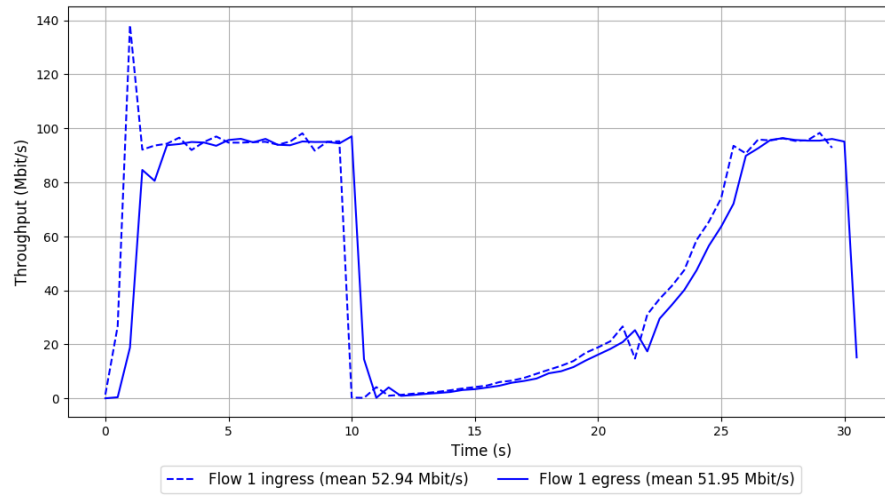
-- Flow 1:

Average throughput: 51.95 Mbit/s

95th percentile per-packet one-way delay: 95.103 ms

Loss rate: 1.85%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

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

End at: 2019-02-19 20:03:28

Local clock offset: -4.34 ms

Remote clock offset: -5.489 ms

Below is generated by plot.py at 2019-02-19 21:55:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.55 Mbit/s

95th percentile per-packet one-way delay: 85.530 ms

Loss rate: 1.37%

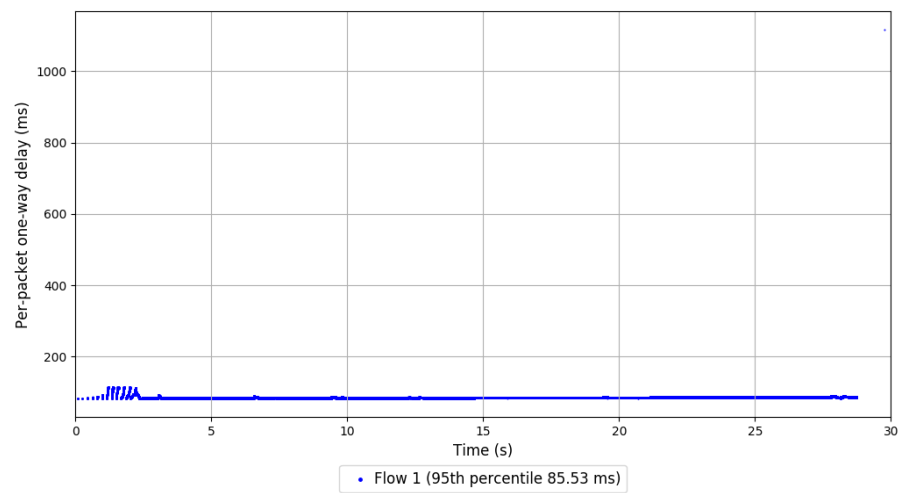
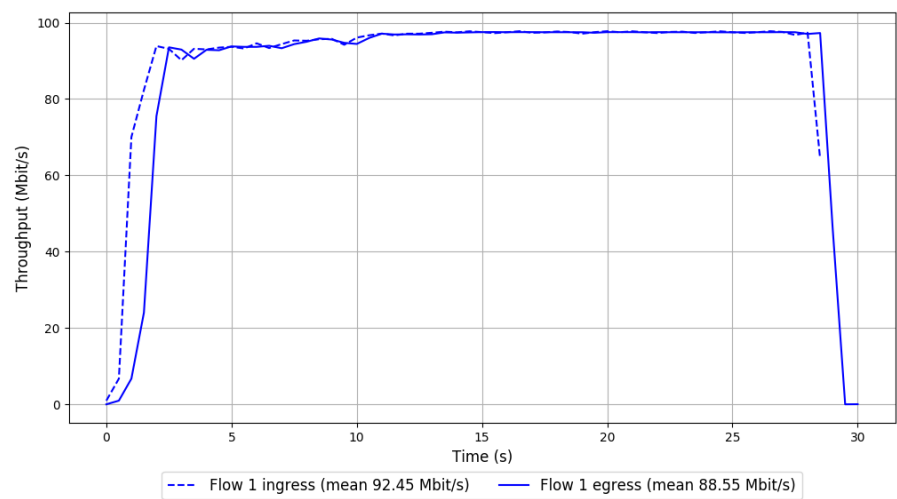
-- Flow 1:

Average throughput: 88.55 Mbit/s

95th percentile per-packet one-way delay: 85.530 ms

Loss rate: 1.37%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-02-19 20:27:33

End at: 2019-02-19 20:28:03

Local clock offset: -3.412 ms

Remote clock offset: -4.81 ms

Below is generated by plot.py at 2019-02-19 21:55:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 85.456 ms

Loss rate: 1.55%

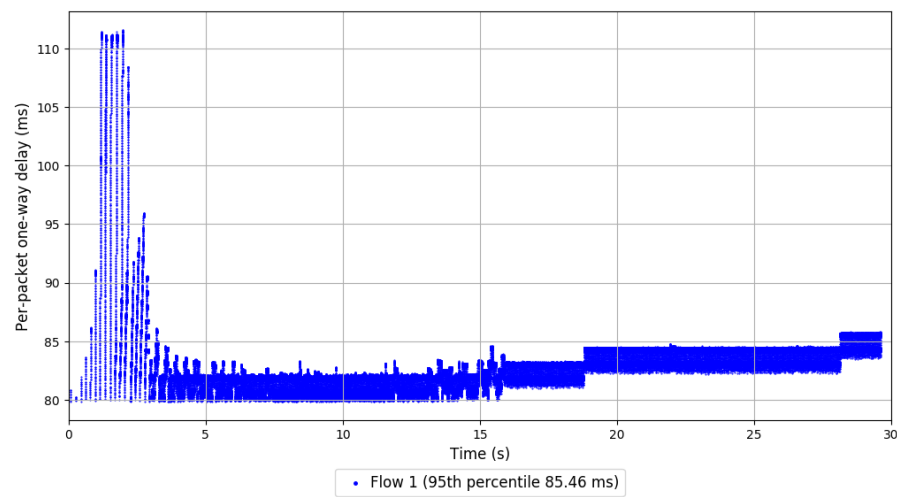
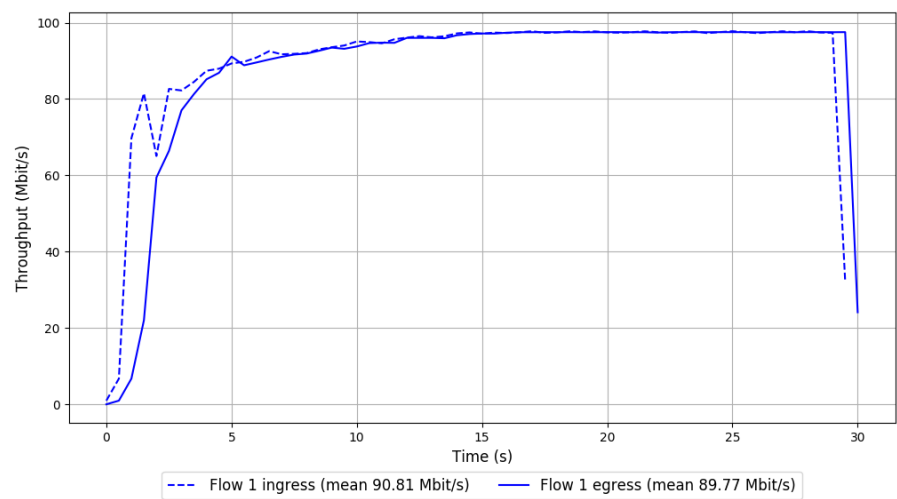
-- Flow 1:

Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 85.456 ms

Loss rate: 1.55%

Run 2: Report of Indigo — Data Link

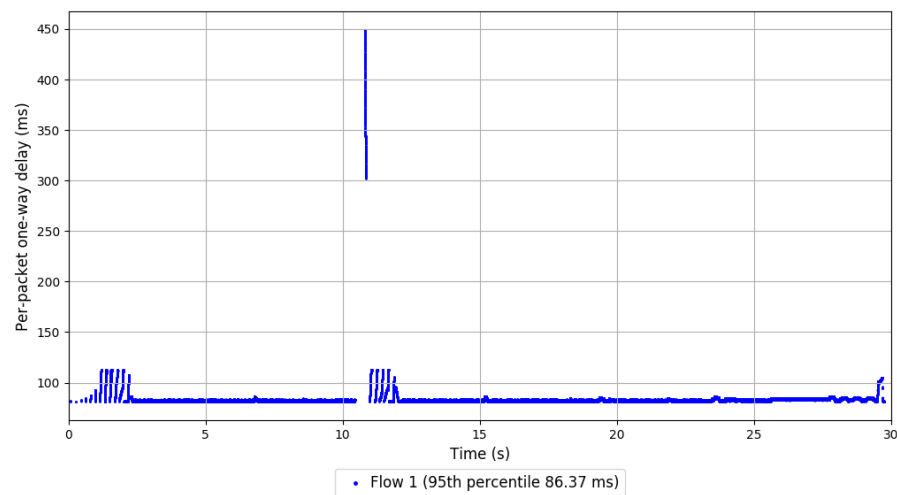
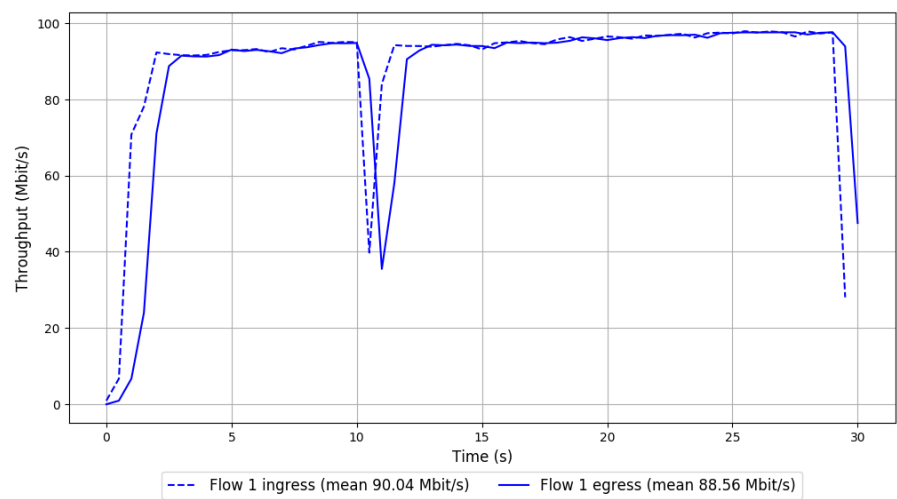


Run 3: Statistics of Indigo

Start at: 2019-02-19 20:52:09
End at: 2019-02-19 20:52:39
Local clock offset: -5.963 ms
Remote clock offset: -3.376 ms

Below is generated by plot.py at 2019-02-19 21:55:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.56 Mbit/s
95th percentile per-packet one-way delay: 86.372 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 88.56 Mbit/s
95th percentile per-packet one-way delay: 86.372 ms
Loss rate: 1.64%

Run 3: Report of Indigo — Data Link

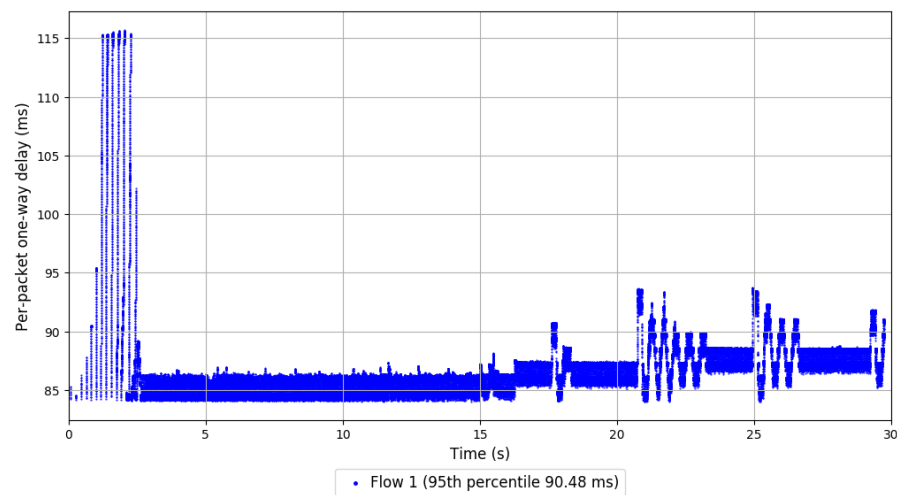
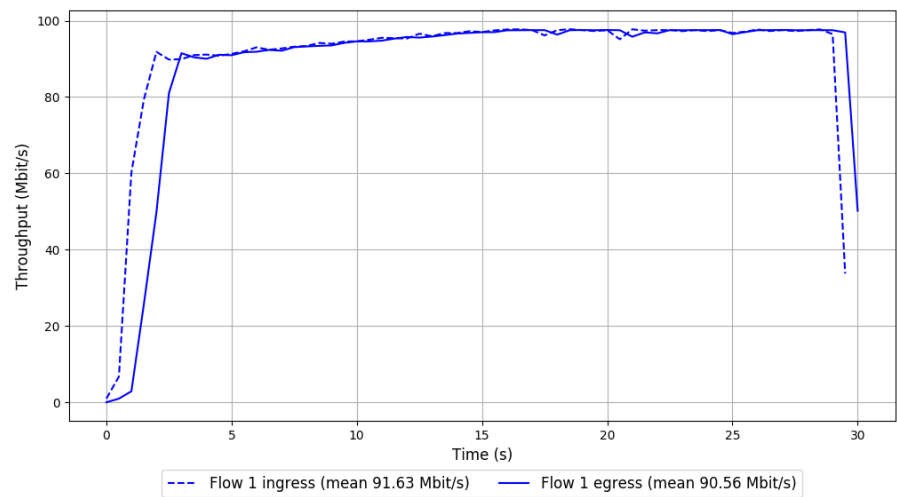


Run 4: Statistics of Indigo

Start at: 2019-02-19 21:16:46
End at: 2019-02-19 21:17:16
Local clock offset: -12.163 ms
Remote clock offset: 1.728 ms

Below is generated by plot.py at 2019-02-19 21:55:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.56 Mbit/s
95th percentile per-packet one-way delay: 90.481 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 90.56 Mbit/s
95th percentile per-packet one-way delay: 90.481 ms
Loss rate: 1.15%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-02-19 21:41:22

End at: 2019-02-19 21:41:52

Local clock offset: -9.314 ms

Remote clock offset: 0.64 ms

Below is generated by plot.py at 2019-02-19 21:55:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.35 Mbit/s

95th percentile per-packet one-way delay: 83.953 ms

Loss rate: 1.41%

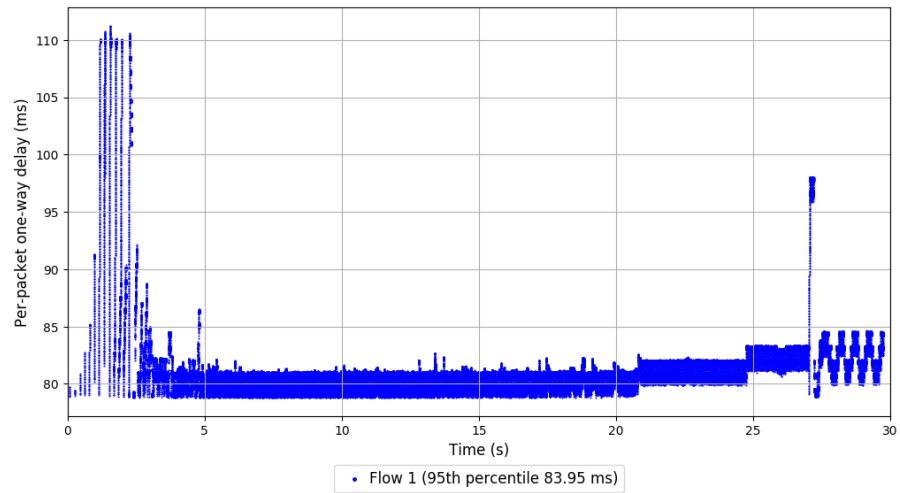
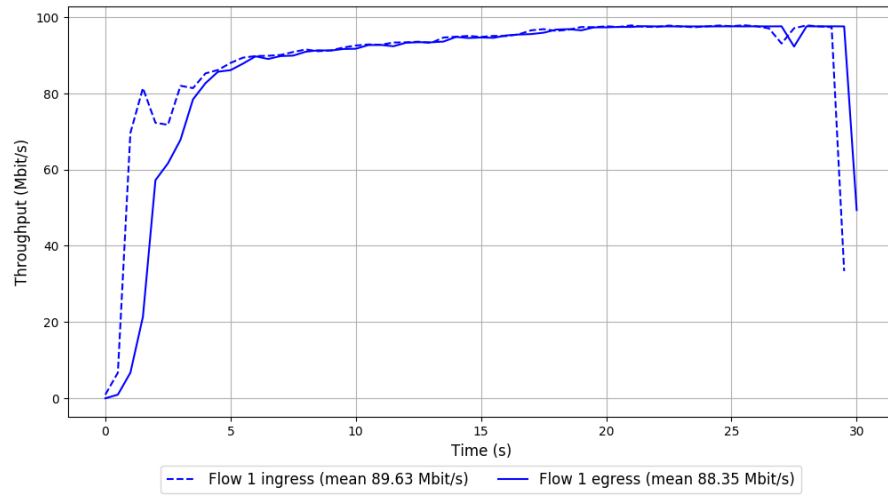
-- Flow 1:

Average throughput: 88.35 Mbit/s

95th percentile per-packet one-way delay: 83.953 ms

Loss rate: 1.41%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-02-19 20:04:11

End at: 2019-02-19 20:04:41

Local clock offset: -4.665 ms

Remote clock offset: 0.62 ms

Below is generated by plot.py at 2019-02-19 21:55:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.72 Mbit/s

95th percentile per-packet one-way delay: 97.283 ms

Loss rate: 0.62%

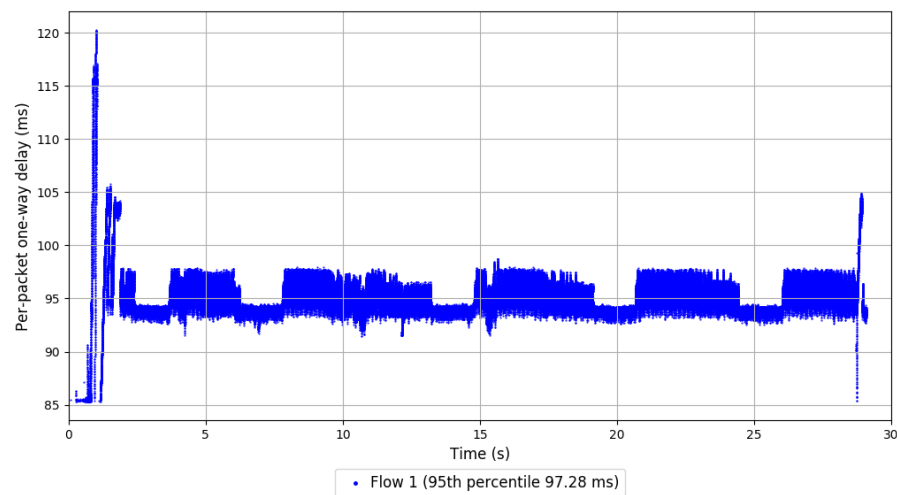
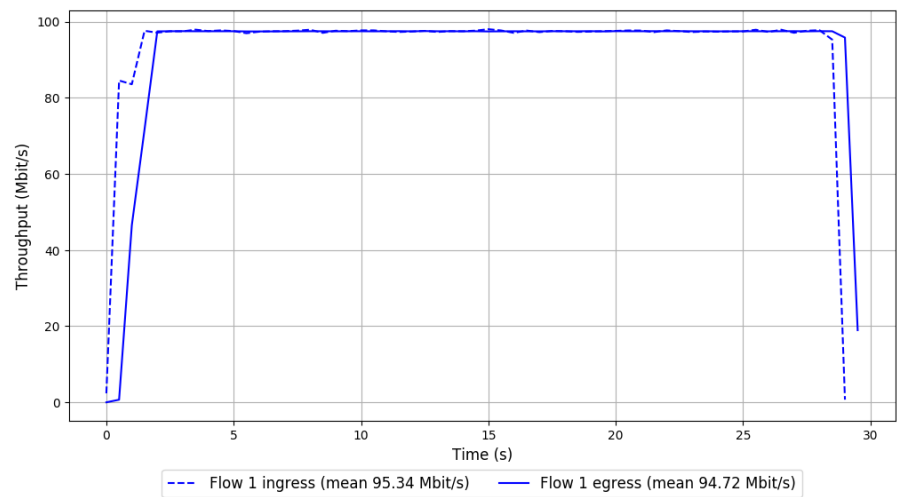
-- Flow 1:

Average throughput: 94.72 Mbit/s

95th percentile per-packet one-way delay: 97.283 ms

Loss rate: 0.62%

Run 1: Report of Indigo-MusesC3 — Data Link

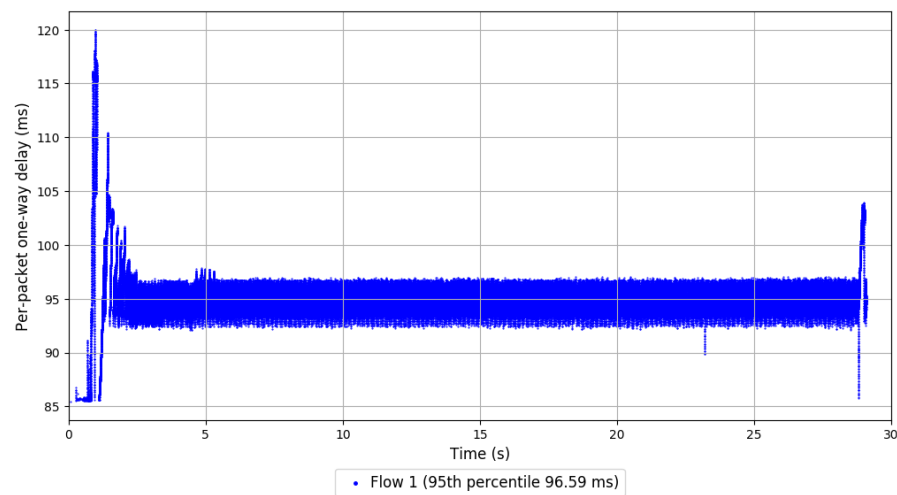
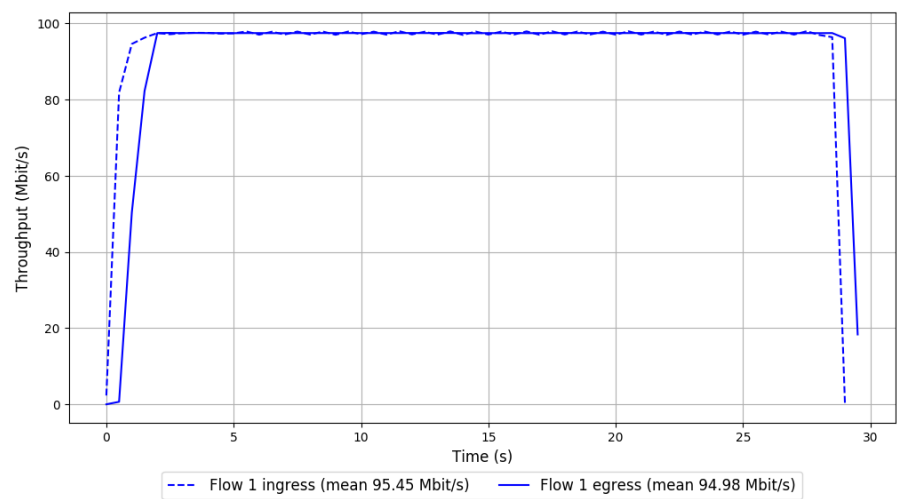


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-02-19 20:28:46
End at: 2019-02-19 20:29:16
Local clock offset: -3.269 ms
Remote clock offset: -0.288 ms

Below is generated by plot.py at 2019-02-19 21:56:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 96.591 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 96.591 ms
Loss rate: 0.47%

Run 2: Report of Indigo-MusesC3 — Data Link

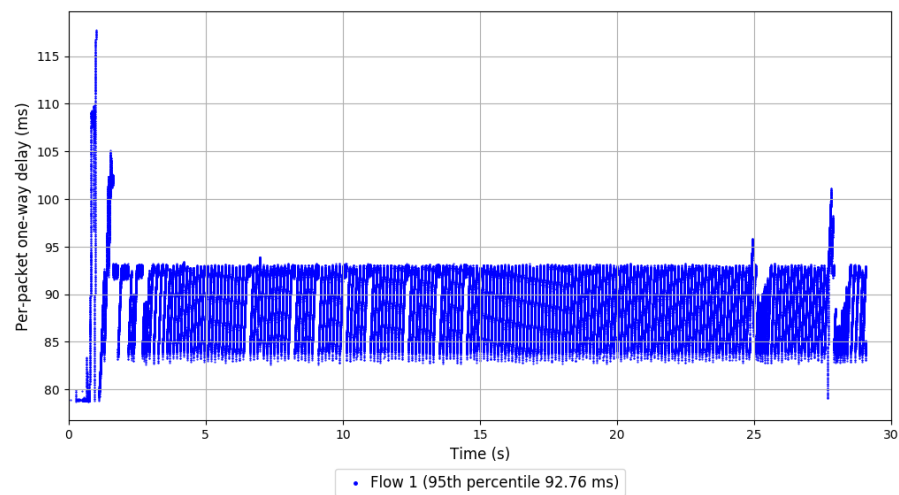
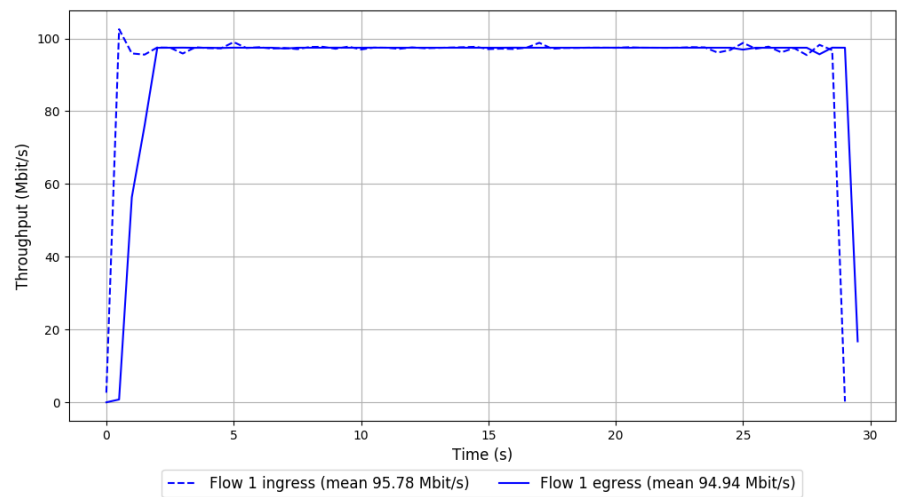


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-02-19 20:53:22
End at: 2019-02-19 20:53:52
Local clock offset: -5.839 ms
Remote clock offset: -5.021 ms

Below is generated by plot.py at 2019-02-19 21:56:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.94 Mbit/s
95th percentile per-packet one-way delay: 92.756 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 94.94 Mbit/s
95th percentile per-packet one-way delay: 92.756 ms
Loss rate: 0.87%

Run 3: Report of Indigo-MusesC3 — Data Link

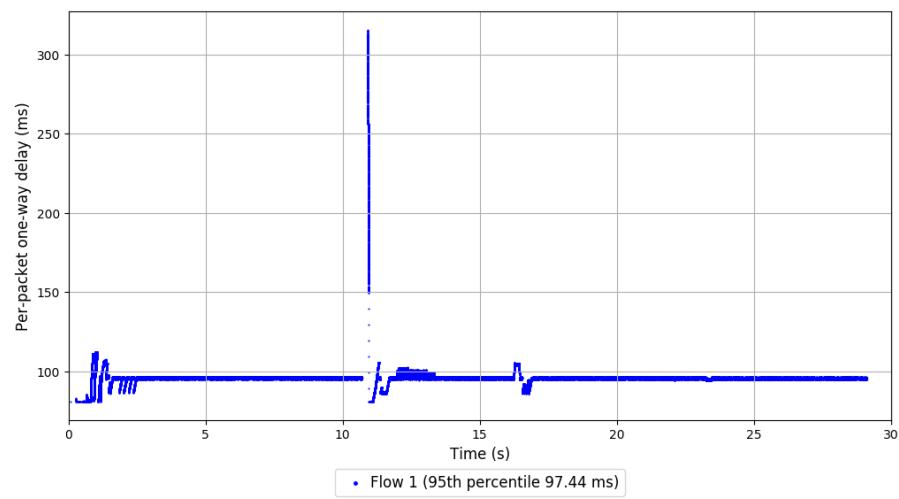
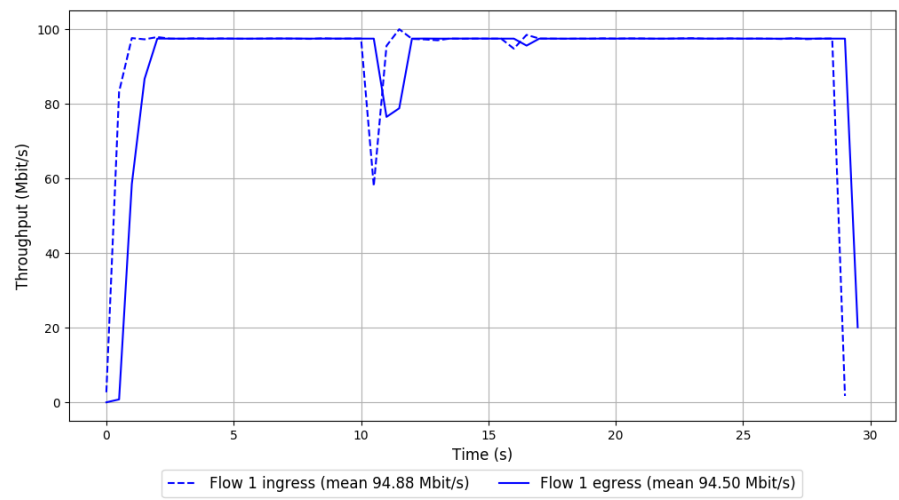


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-02-19 21:17:59
End at: 2019-02-19 21:18:29
Local clock offset: -12.326 ms
Remote clock offset: -0.889 ms

Below is generated by plot.py at 2019-02-19 21:56:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 97.437 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 97.437 ms
Loss rate: 0.36%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-02-19 21:42:34

End at: 2019-02-19 21:43:04

Local clock offset: -9.014 ms

Remote clock offset: 6.692 ms

Below is generated by plot.py at 2019-02-19 21:56:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.18 Mbit/s

95th percentile per-packet one-way delay: 99.226 ms

Loss rate: 0.17%

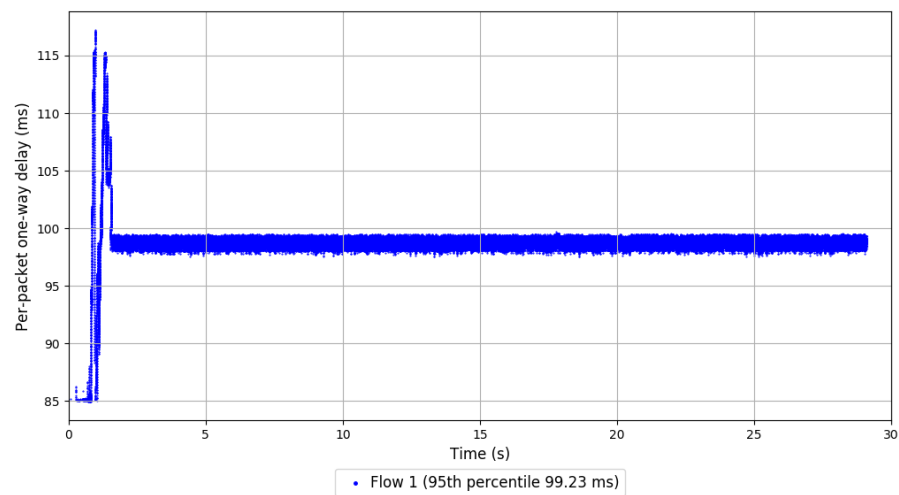
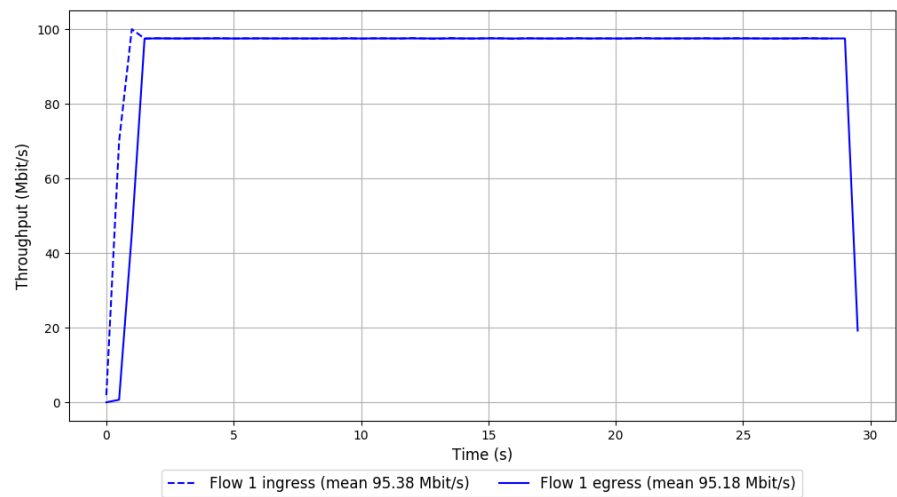
-- Flow 1:

Average throughput: 95.18 Mbit/s

95th percentile per-packet one-way delay: 99.226 ms

Loss rate: 0.17%

Run 5: Report of Indigo-MusesC3 — Data Link

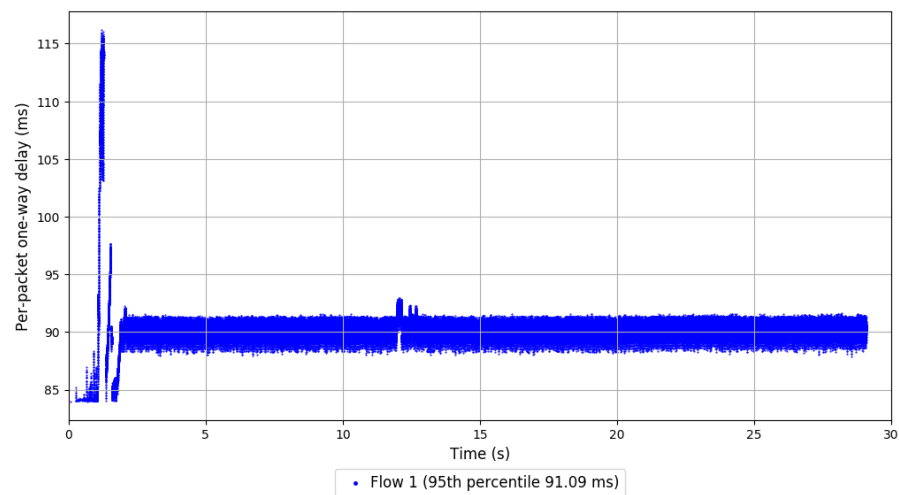
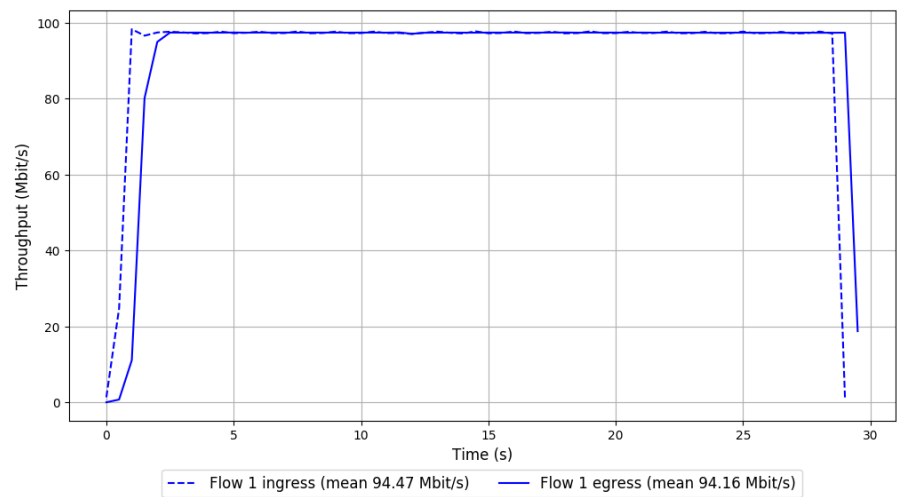


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-02-19 19:51:12
End at: 2019-02-19 19:51:42
Local clock offset: -4.693 ms
Remote clock offset: -0.569 ms

Below is generated by plot.py at 2019-02-19 21:56:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.16 Mbit/s
95th percentile per-packet one-way delay: 91.091 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 94.16 Mbit/s
95th percentile per-packet one-way delay: 91.091 ms
Loss rate: 0.30%

Run 1: Report of Indigo-MusesC5 — Data Link

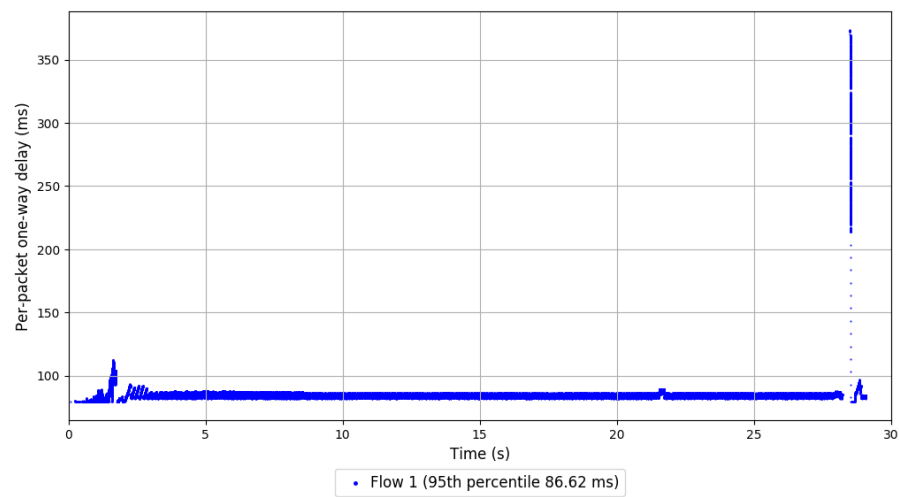
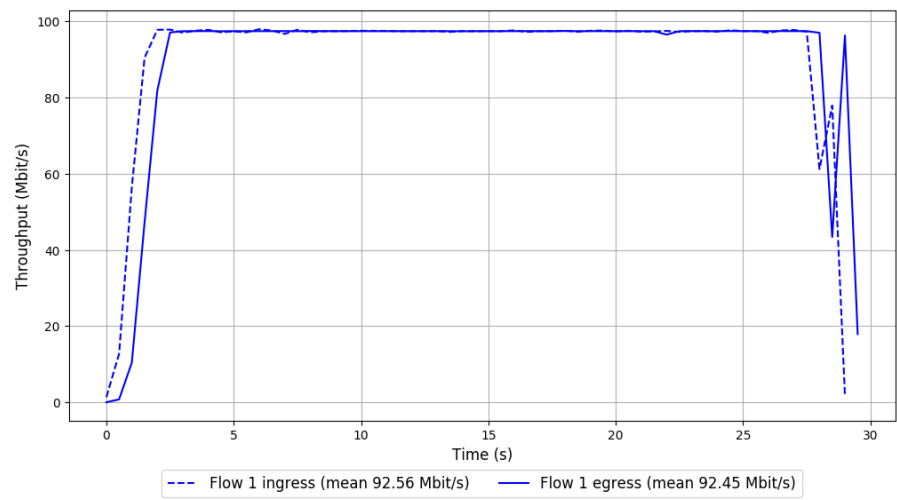


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-02-19 20:15:47
End at: 2019-02-19 20:16:17
Local clock offset: -5.035 ms
Remote clock offset: -5.289 ms

Below is generated by plot.py at 2019-02-19 21:56:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.45 Mbit/s
95th percentile per-packet one-way delay: 86.625 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 92.45 Mbit/s
95th percentile per-packet one-way delay: 86.625 ms
Loss rate: 0.11%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

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

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

Local clock offset: -5.839 ms

Remote clock offset: 0.963 ms

Below is generated by plot.py at 2019-02-19 21:56:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.80 Mbit/s

95th percentile per-packet one-way delay: 99.392 ms

Loss rate: 0.23%

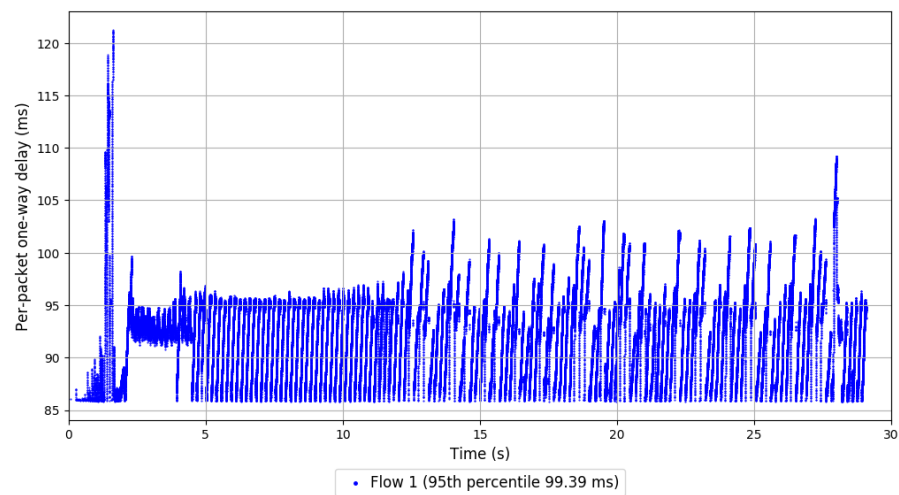
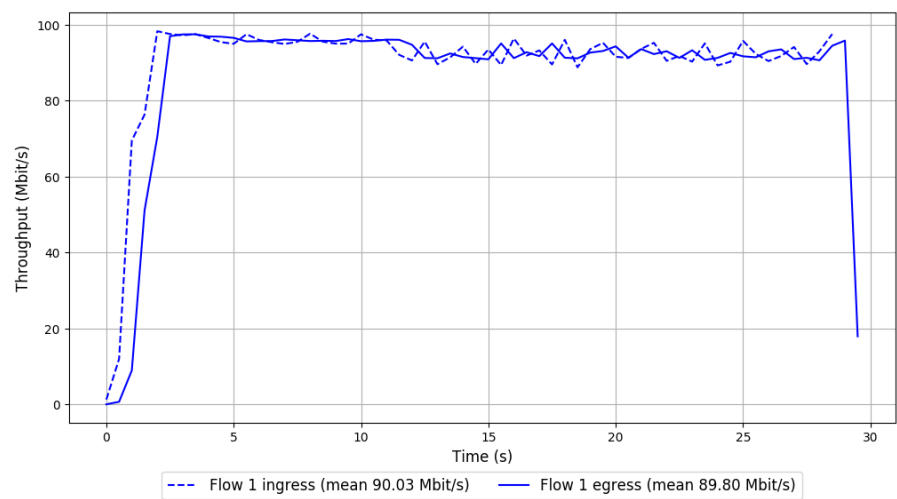
-- Flow 1:

Average throughput: 89.80 Mbit/s

95th percentile per-packet one-way delay: 99.392 ms

Loss rate: 0.23%

Run 3: Report of Indigo-MusesC5 — Data Link

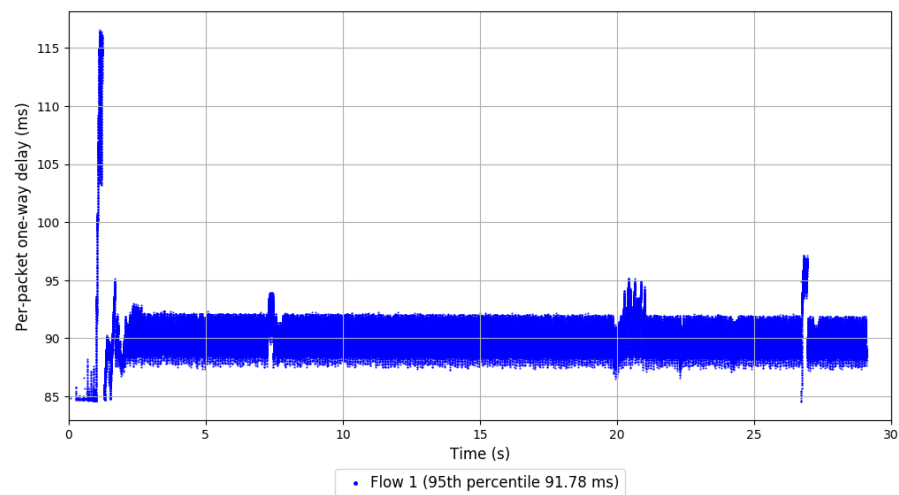
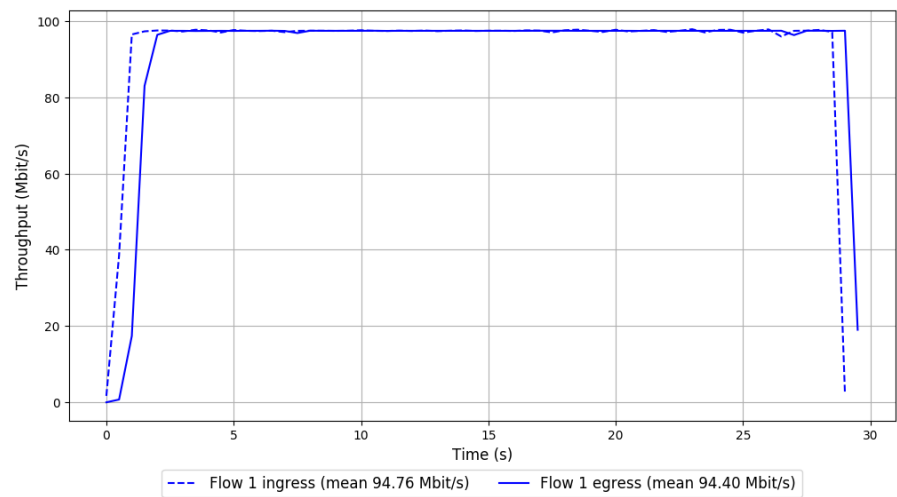


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-02-19 21:05:00
End at: 2019-02-19 21:05:30
Local clock offset: -8.761 ms
Remote clock offset: 0.212 ms

Below is generated by plot.py at 2019-02-19 21:57:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 91.778 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 91.778 ms
Loss rate: 0.36%

Run 4: Report of Indigo-MusesC5 — Data Link

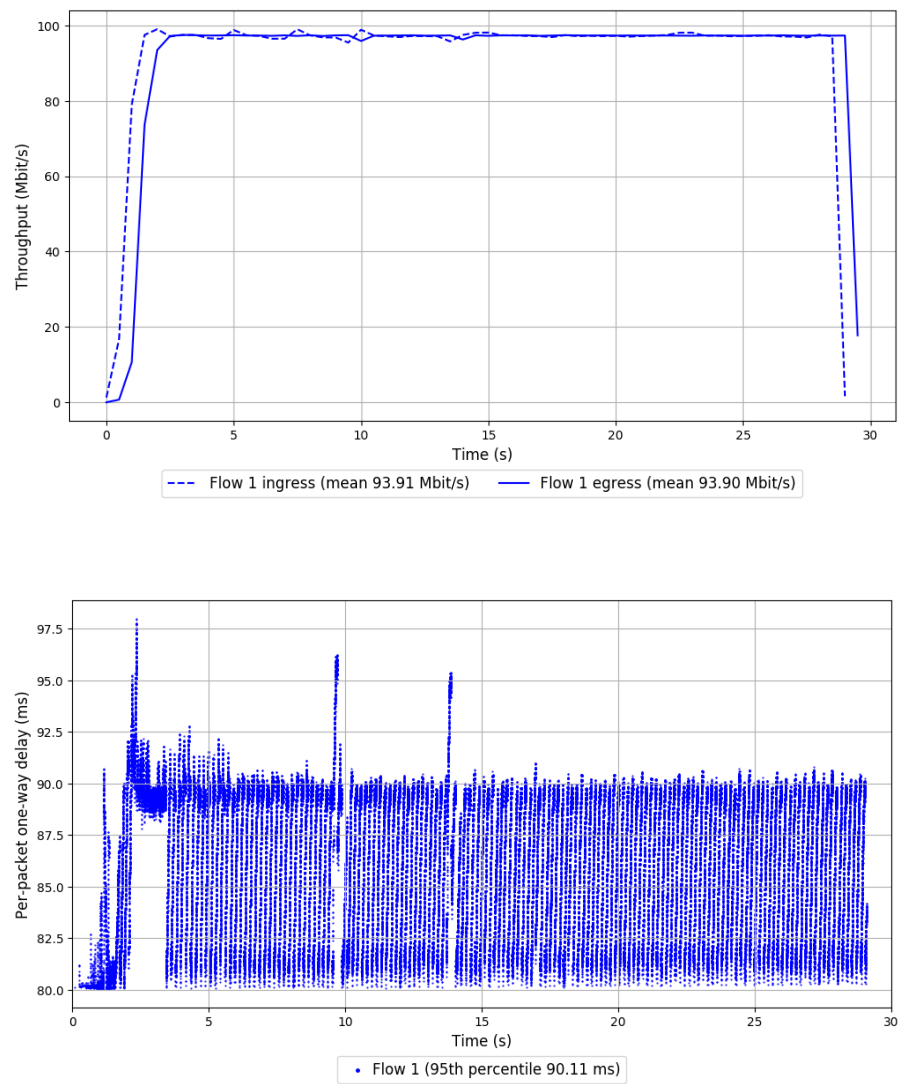


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-02-19 21:29:37
End at: 2019-02-19 21:30:07
Local clock offset: -13.146 ms
Remote clock offset: 0.704 ms

Below is generated by plot.py at 2019-02-19 21:57:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 90.105 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 90.105 ms
Loss rate: 0.01%

Run 5: Report of Indigo-MusesC5 — Data Link

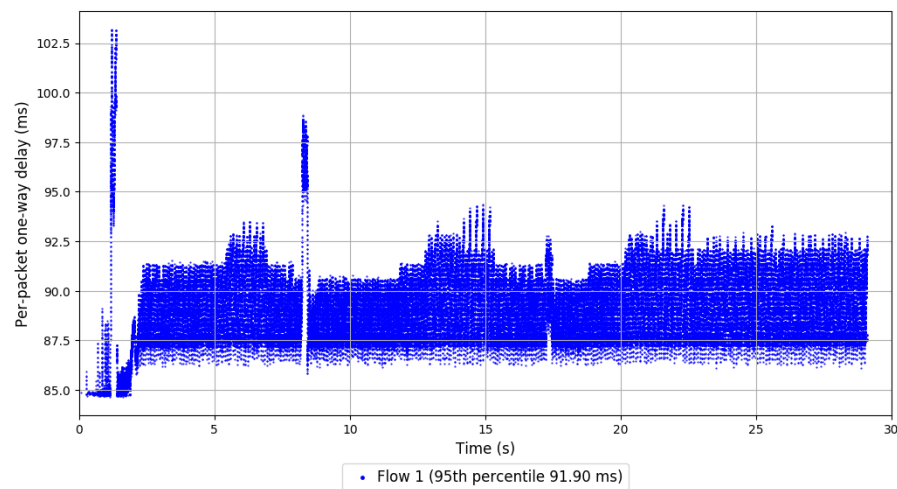
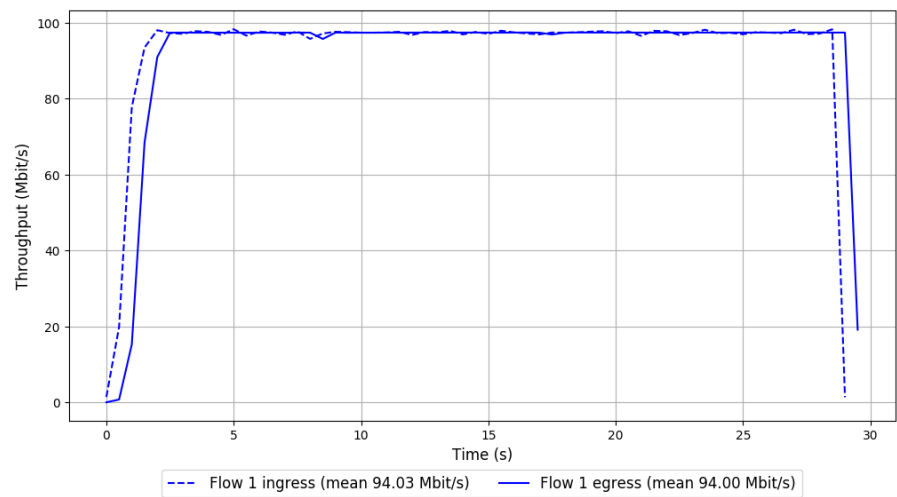



```
Run 1: Statistics of Indigo-MusesD

Start at: 2019-02-19 19:54:46
End at: 2019-02-19 19:55:16
Local clock offset: -4.34 ms
Remote clock offset: -0.55 ms

# Below is generated by plot.py at 2019-02-19 21:57:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.00 Mbit/s
95th percentile per-packet one-way delay: 91.903 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.00 Mbit/s
95th percentile per-packet one-way delay: 91.903 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo-MusesD — Data Link

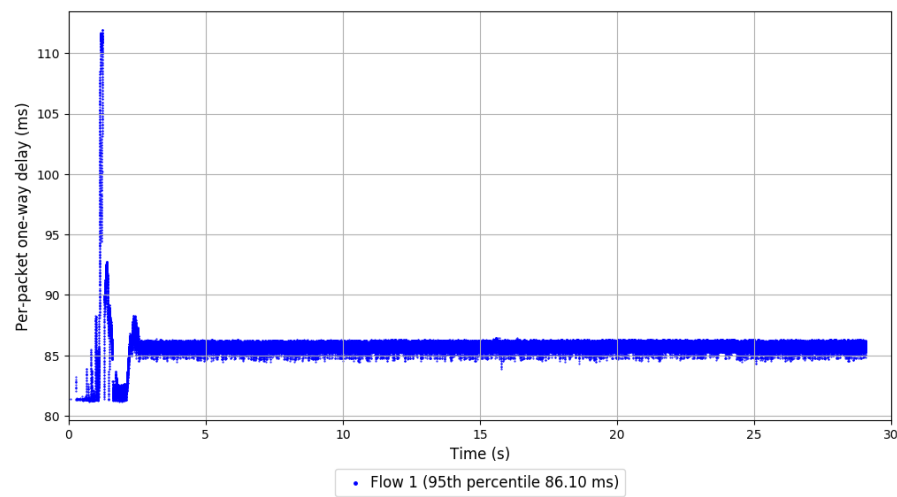
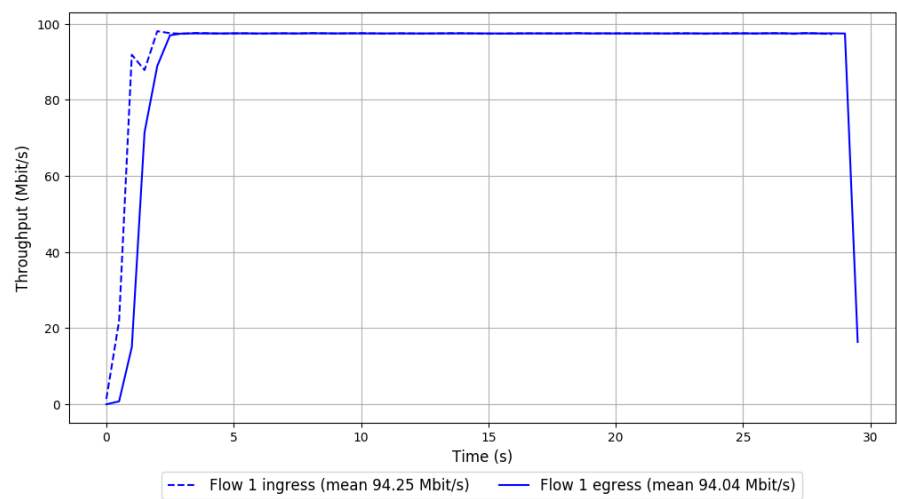


Run 2: Statistics of Indigo-MusesD

Start at: 2019-02-19 20:19:21
End at: 2019-02-19 20:19:51
Local clock offset: -4.605 ms
Remote clock offset: -3.345 ms

Below is generated by plot.py at 2019-02-19 21:57:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.04 Mbit/s
95th percentile per-packet one-way delay: 86.104 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 94.04 Mbit/s
95th percentile per-packet one-way delay: 86.104 ms
Loss rate: 0.21%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-02-19 20:43:57

End at: 2019-02-19 20:44:27

Local clock offset: -6.057 ms

Remote clock offset: -5.159 ms

Below is generated by plot.py at 2019-02-19 21:57:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.89 Mbit/s

95th percentile per-packet one-way delay: 88.370 ms

Loss rate: 0.11%

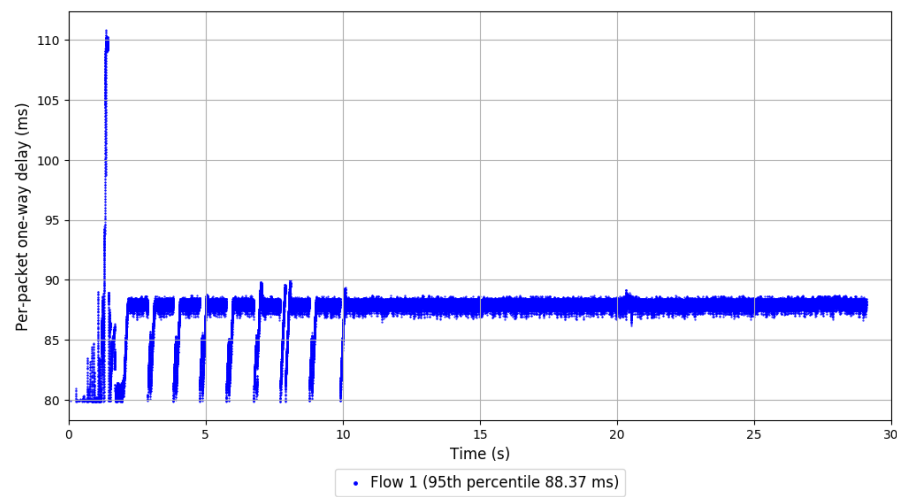
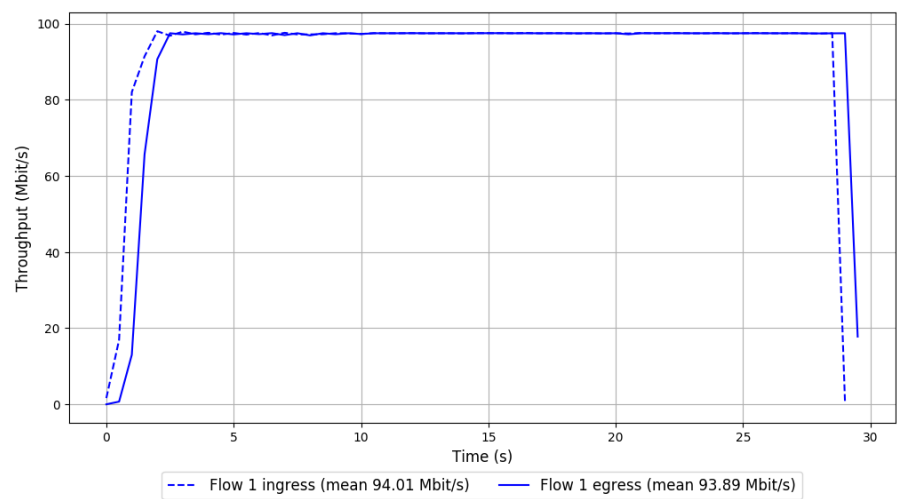
-- Flow 1:

Average throughput: 93.89 Mbit/s

95th percentile per-packet one-way delay: 88.370 ms

Loss rate: 0.11%

Run 3: Report of Indigo-MusesD — Data Link

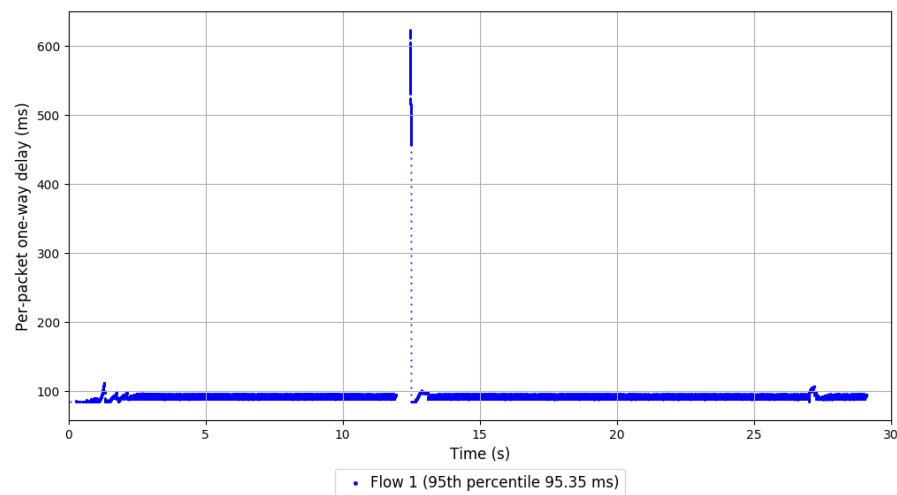
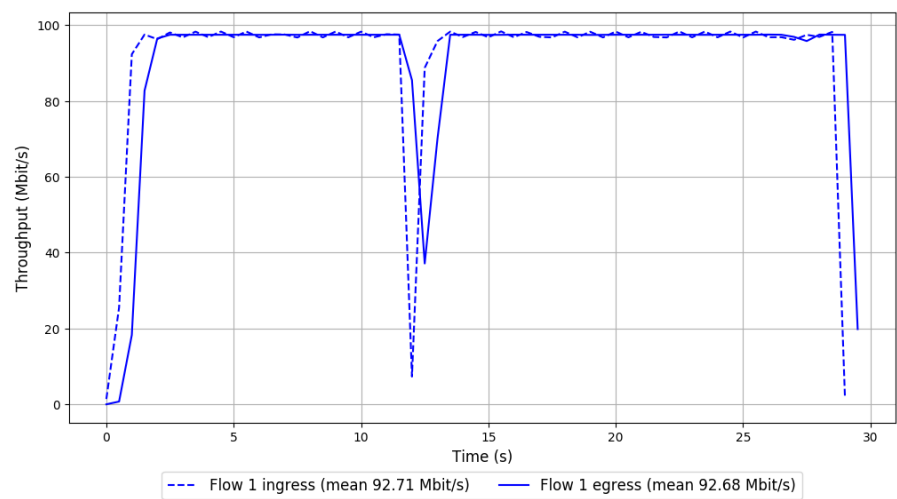


Run 4: Statistics of Indigo-MusesD

Start at: 2019-02-19 21:08:35
End at: 2019-02-19 21:09:05
Local clock offset: -10.339 ms
Remote clock offset: 0.171 ms

Below is generated by plot.py at 2019-02-19 21:57:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 95.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 95.349 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link

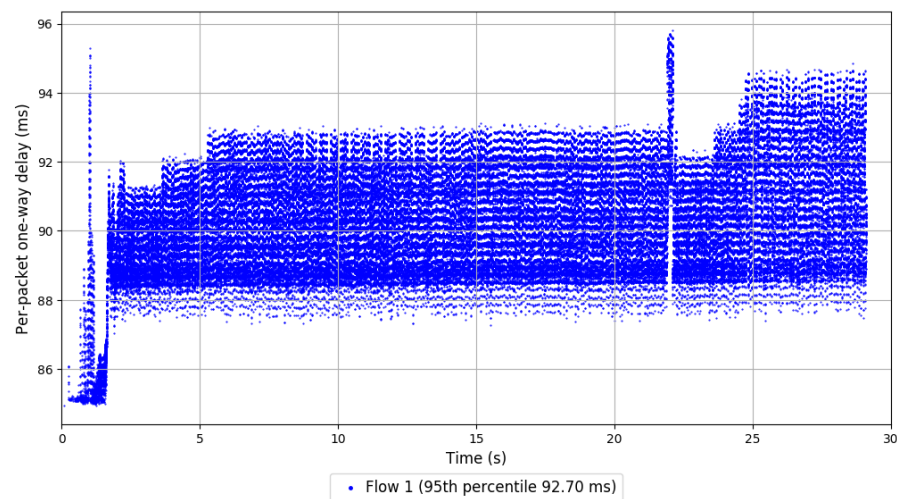
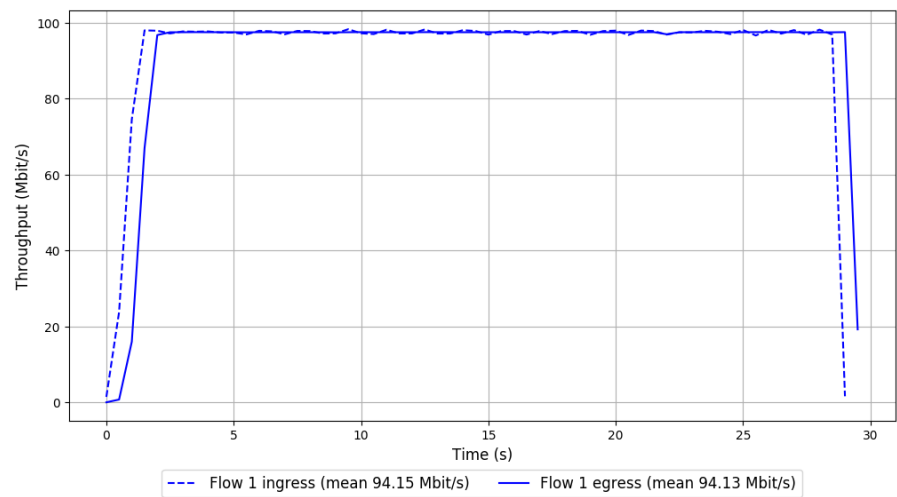


Run 5: Statistics of Indigo-MusesD

Start at: 2019-02-19 21:33:11
End at: 2019-02-19 21:33:41
Local clock offset: -11.654 ms
Remote clock offset: 5.962 ms

Below is generated by plot.py at 2019-02-19 21:57:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.13 Mbit/s
95th percentile per-packet one-way delay: 92.699 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.13 Mbit/s
95th percentile per-packet one-way delay: 92.699 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-02-19 20:11:10

End at: 2019-02-19 20:11:40

Local clock offset: -5.207 ms

Remote clock offset: -4.46 ms

Below is generated by plot.py at 2019-02-19 21:57:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.70 Mbit/s

95th percentile per-packet one-way delay: 94.477 ms

Loss rate: 1.37%

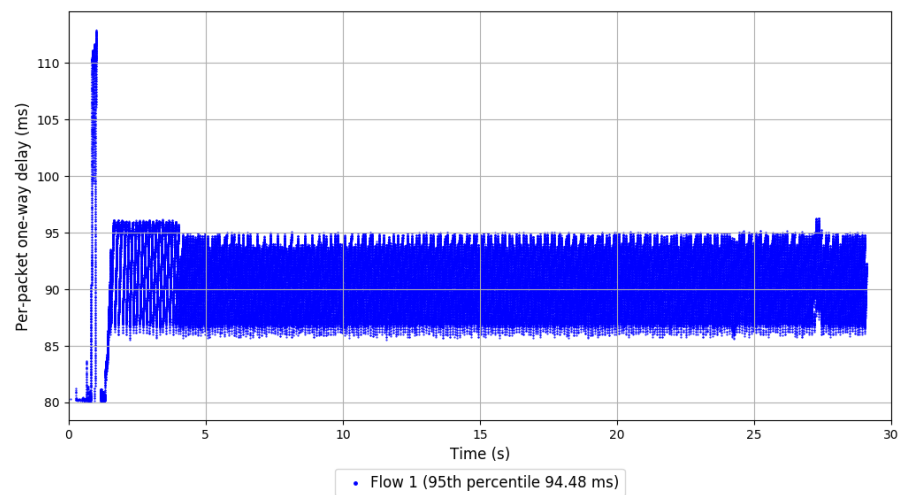
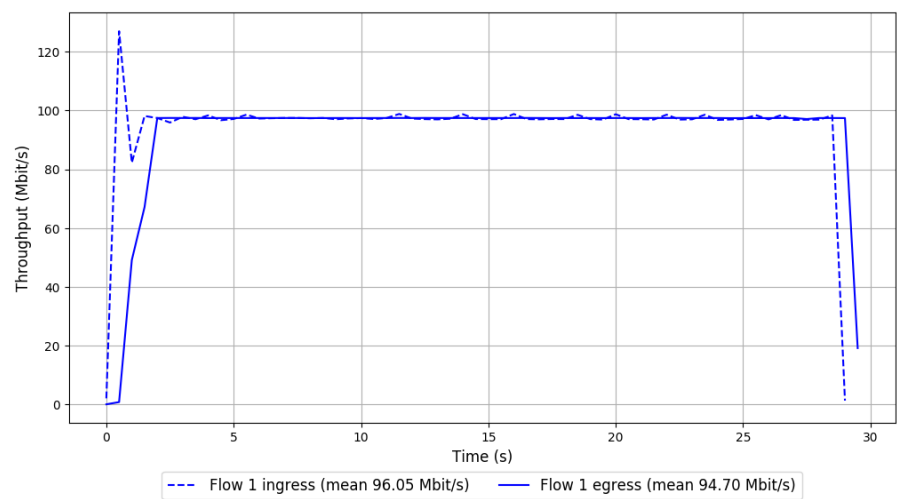
-- Flow 1:

Average throughput: 94.70 Mbit/s

95th percentile per-packet one-way delay: 94.477 ms

Loss rate: 1.37%

Run 1: Report of Indigo-MusesT — Data Link

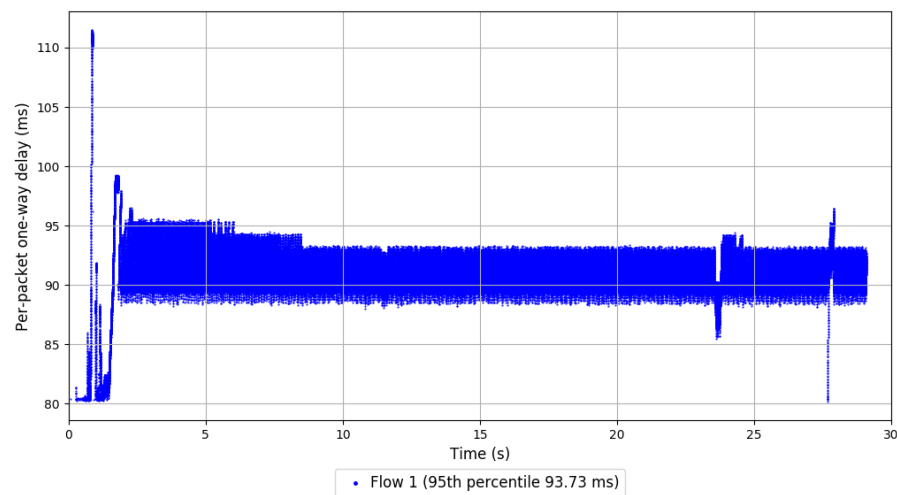
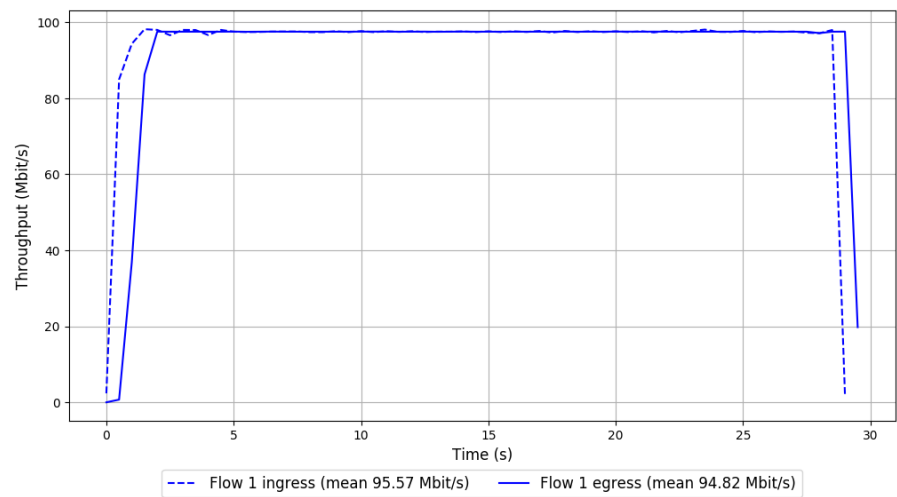


Run 2: Statistics of Indigo-MusesT

Start at: 2019-02-19 20:35:47
End at: 2019-02-19 20:36:17
Local clock offset: -5.118 ms
Remote clock offset: -4.083 ms

Below is generated by plot.py at 2019-02-19 21:58:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 93.726 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 93.726 ms
Loss rate: 0.74%

Run 2: Report of Indigo-MusesT — Data Link

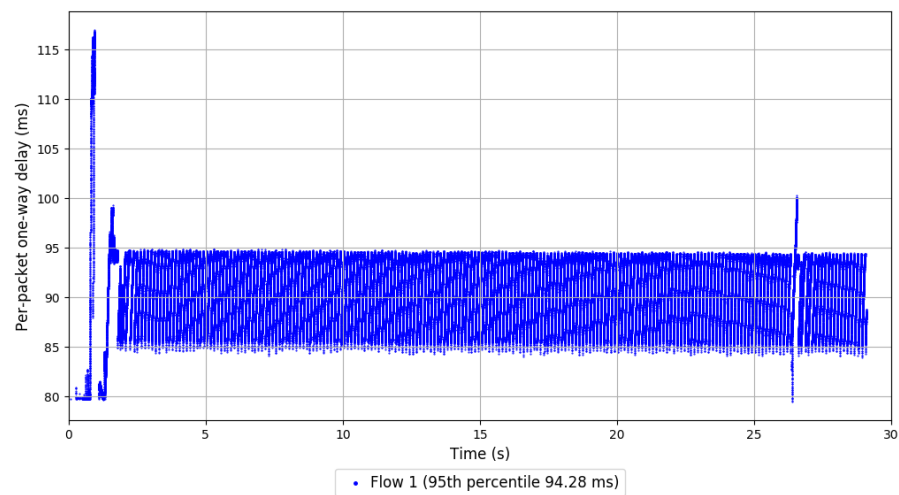
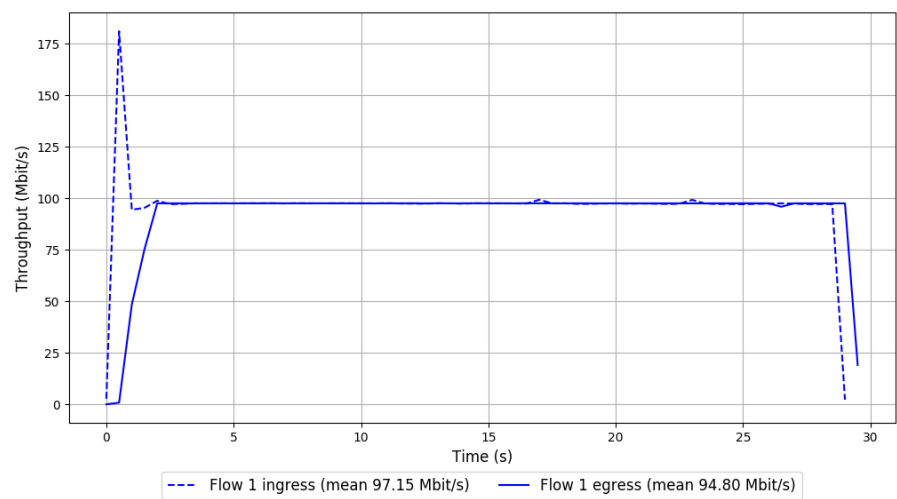


Run 3: Statistics of Indigo-MusesT

Start at: 2019-02-19 21:00:23
End at: 2019-02-19 21:00:53
Local clock offset: -5.485 ms
Remote clock offset: -4.742 ms

Below is generated by plot.py at 2019-02-19 21:58:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.80 Mbit/s
95th percentile per-packet one-way delay: 94.278 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 94.80 Mbit/s
95th percentile per-packet one-way delay: 94.278 ms
Loss rate: 2.39%

Run 3: Report of Indigo-MusesT — Data Link

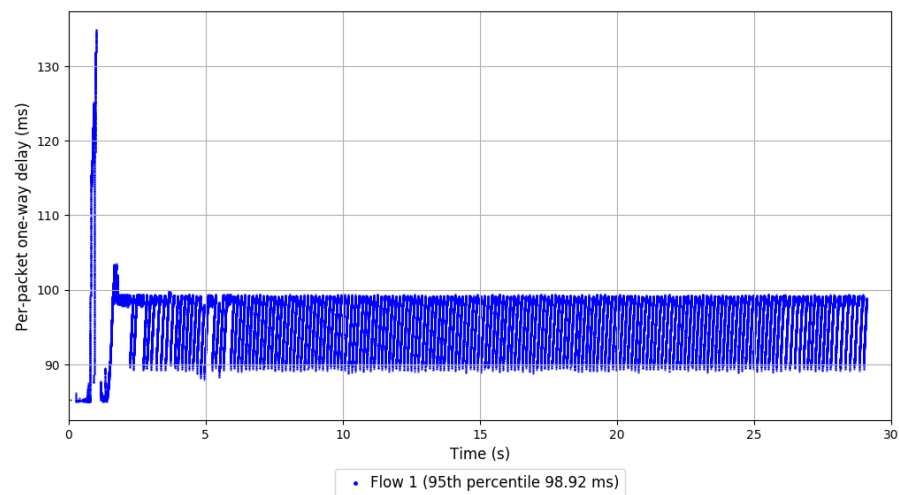
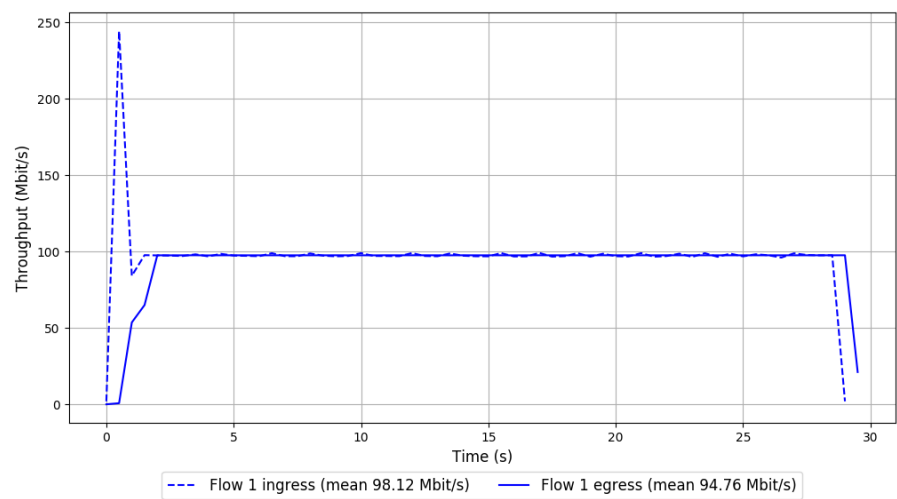


Run 4: Statistics of Indigo-MusesT

Start at: 2019-02-19 21:24:59
End at: 2019-02-19 21:25:29
Local clock offset: -12.909 ms
Remote clock offset: 5.087 ms

Below is generated by plot.py at 2019-02-19 21:58:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 98.915 ms
Loss rate: 3.38%
-- Flow 1:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 98.915 ms
Loss rate: 3.38%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-02-19 21:49:37

End at: 2019-02-19 21:50:07

Local clock offset: -8.046 ms

Remote clock offset: 2.197 ms

Below is generated by plot.py at 2019-02-19 21:58:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.09 Mbit/s

95th percentile per-packet one-way delay: 91.868 ms

Loss rate: 0.71%

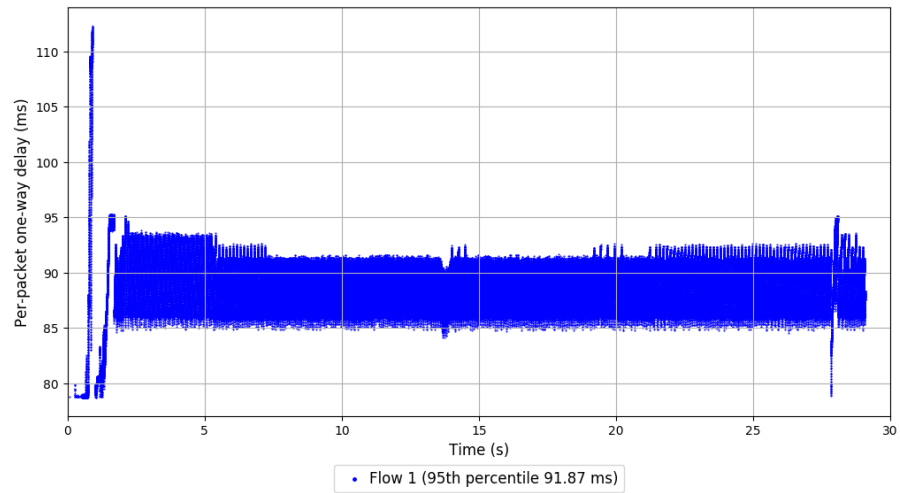
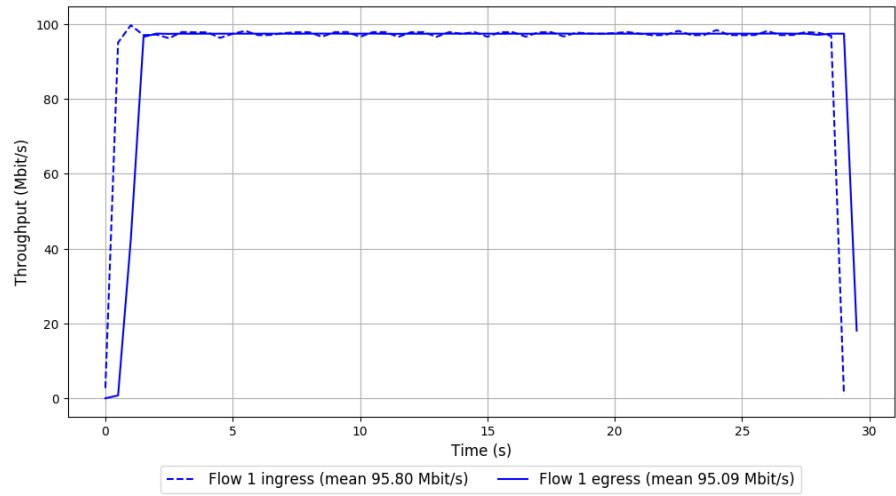
-- Flow 1:

Average throughput: 95.09 Mbit/s

95th percentile per-packet one-way delay: 91.868 ms

Loss rate: 0.71%

Run 5: Report of Indigo-MusesT — Data Link



Run 1: Statistics of LEDBAT

Start at: 2019-02-19 20:05:23

End at: 2019-02-19 20:05:53

Local clock offset: -4.866 ms

Remote clock offset: -5.57 ms

Below is generated by plot.py at 2019-02-19 21:58:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.22 Mbit/s

95th percentile per-packet one-way delay: 80.866 ms

Loss rate: 0.00%

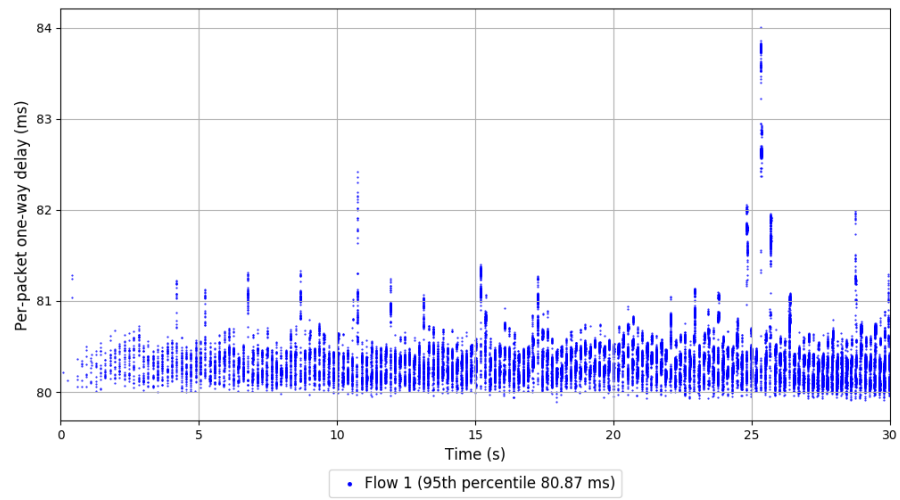
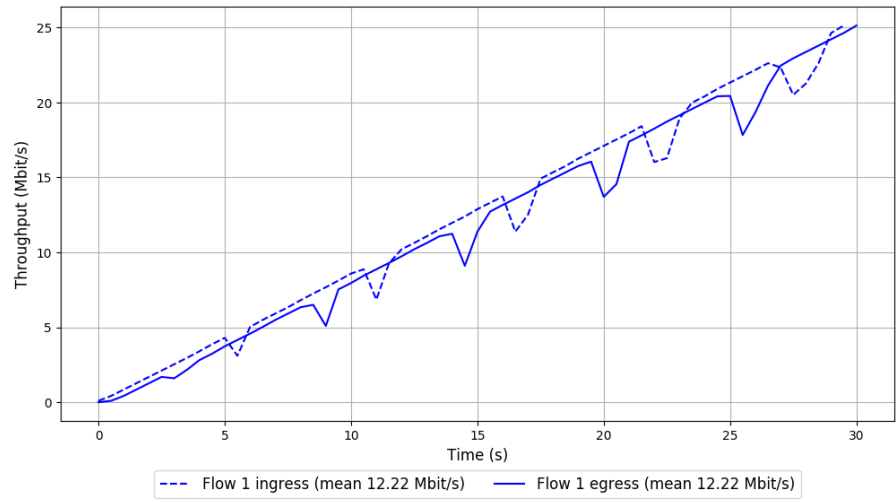
-- Flow 1:

Average throughput: 12.22 Mbit/s

95th percentile per-packet one-way delay: 80.866 ms

Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

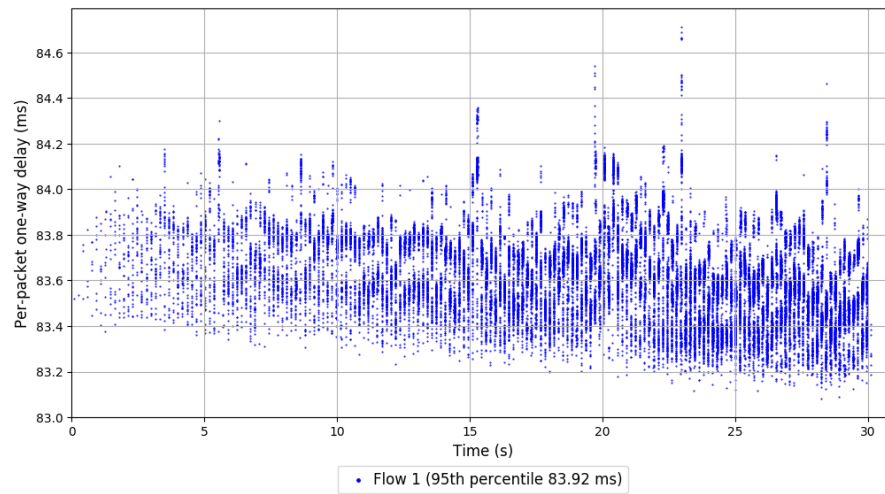
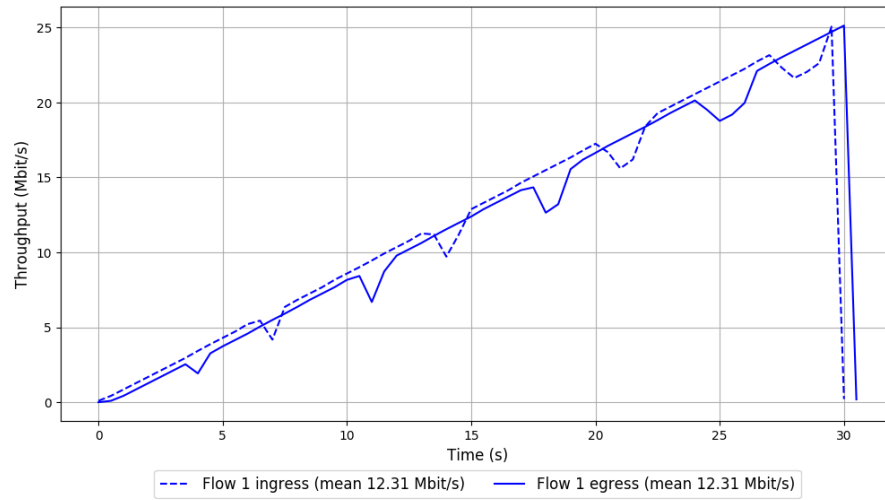


Run 2: Statistics of LEDBAT

Start at: 2019-02-19 20:29:58
End at: 2019-02-19 20:30:28
Local clock offset: -3.042 ms
Remote clock offset: -0.913 ms

Below is generated by plot.py at 2019-02-19 21:58:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 83.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 83.916 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-02-19 20:54:34

End at: 2019-02-19 20:55:04

Local clock offset: -5.752 ms

Remote clock offset: 1.149 ms

Below is generated by plot.py at 2019-02-19 21:58:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.19 Mbit/s

95th percentile per-packet one-way delay: 85.661 ms

Loss rate: 0.00%

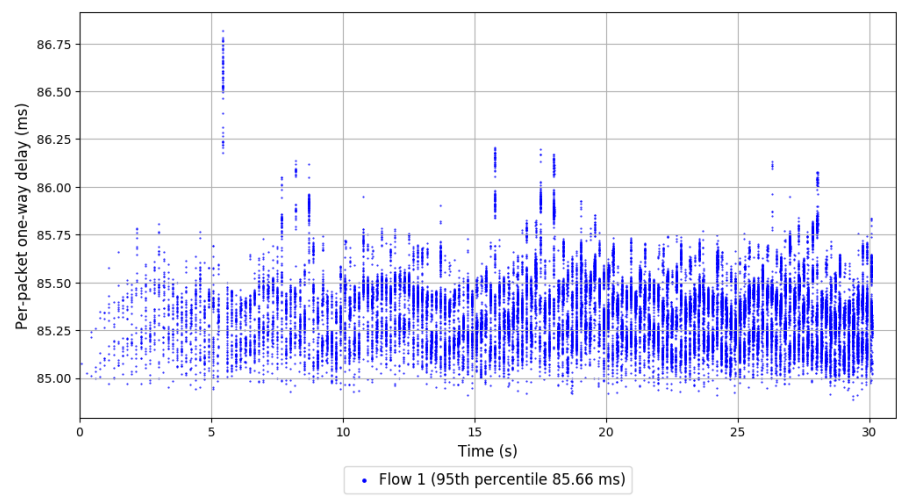
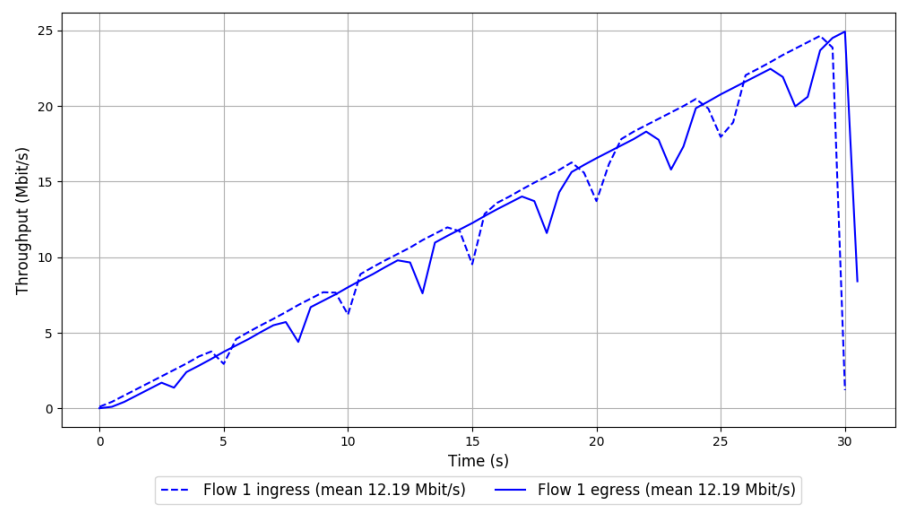
-- Flow 1:

Average throughput: 12.19 Mbit/s

95th percentile per-packet one-way delay: 85.661 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

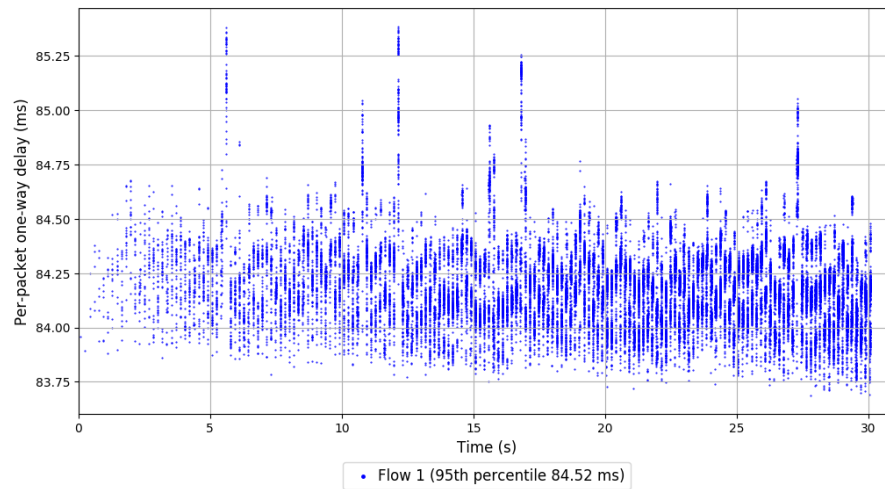
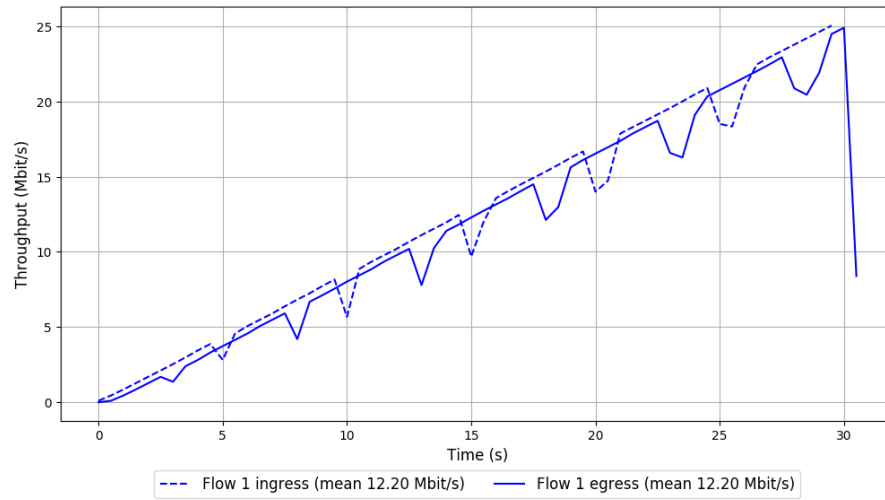


Run 4: Statistics of LEDBAT

Start at: 2019-02-19 21:19:11
End at: 2019-02-19 21:19:41
Local clock offset: -12.456 ms
Remote clock offset: 3.222 ms

Below is generated by plot.py at 2019-02-19 21:58:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.20 Mbit/s
95th percentile per-packet one-way delay: 84.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.20 Mbit/s
95th percentile per-packet one-way delay: 84.515 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-02-19 21:43:46

End at: 2019-02-19 21:44:16

Local clock offset: -8.829 ms

Remote clock offset: 2.253 ms

Below is generated by plot.py at 2019-02-19 21:58:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.38 Mbit/s

95th percentile per-packet one-way delay: 81.190 ms

Loss rate: 0.00%

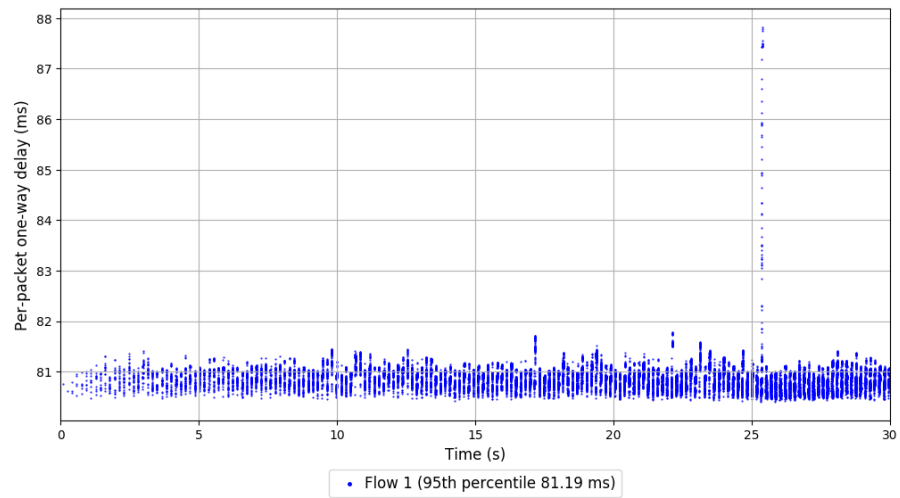
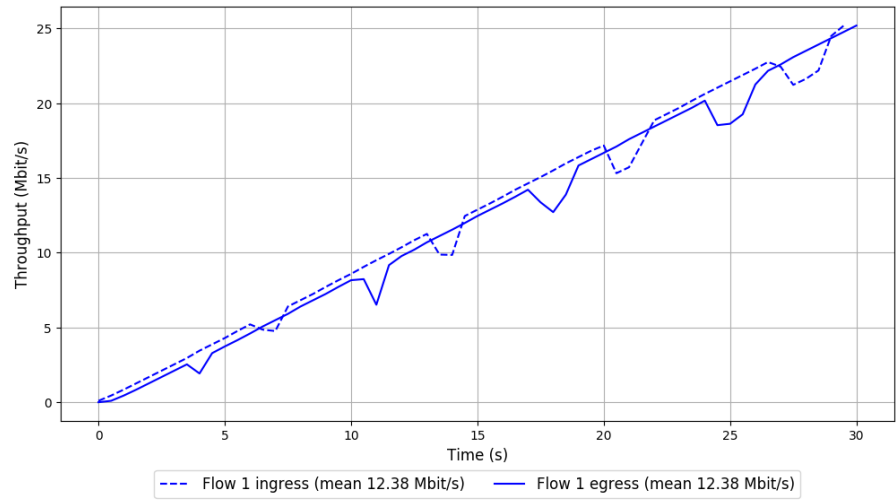
-- Flow 1:

Average throughput: 12.38 Mbit/s

95th percentile per-packet one-way delay: 81.190 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-02-19 19:52:24

End at: 2019-02-19 19:52:54

Local clock offset: -4.616 ms

Remote clock offset: -5.473 ms

Below is generated by plot.py at 2019-02-19 21:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.92 Mbit/s

95th percentile per-packet one-way delay: 92.670 ms

Loss rate: 1.51%

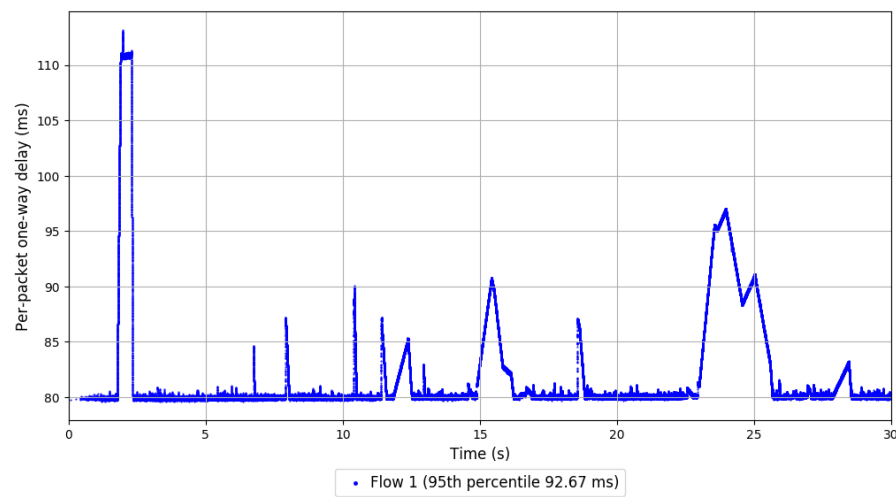
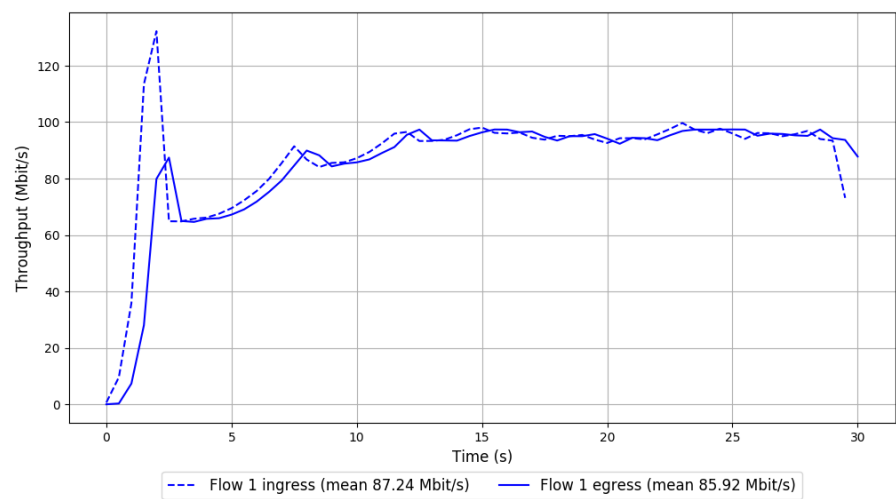
-- Flow 1:

Average throughput: 85.92 Mbit/s

95th percentile per-packet one-way delay: 92.670 ms

Loss rate: 1.51%

Run 1: Report of PCC-Allegro — Data Link

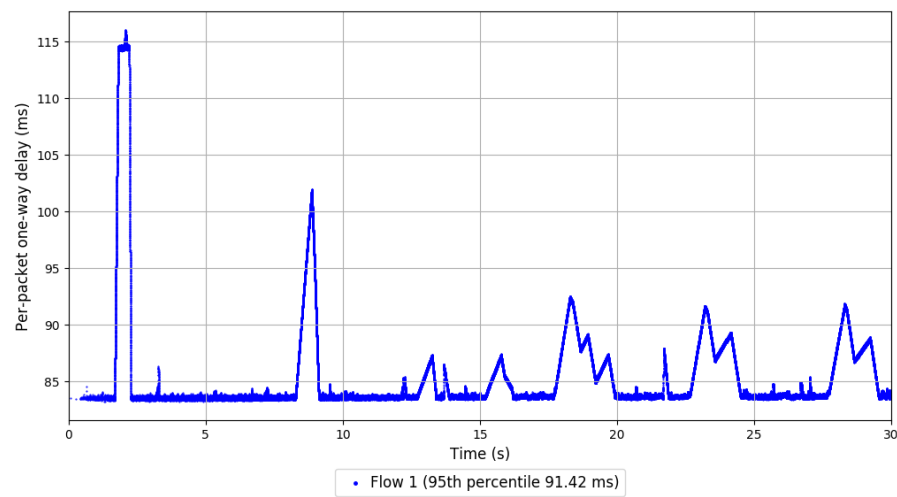
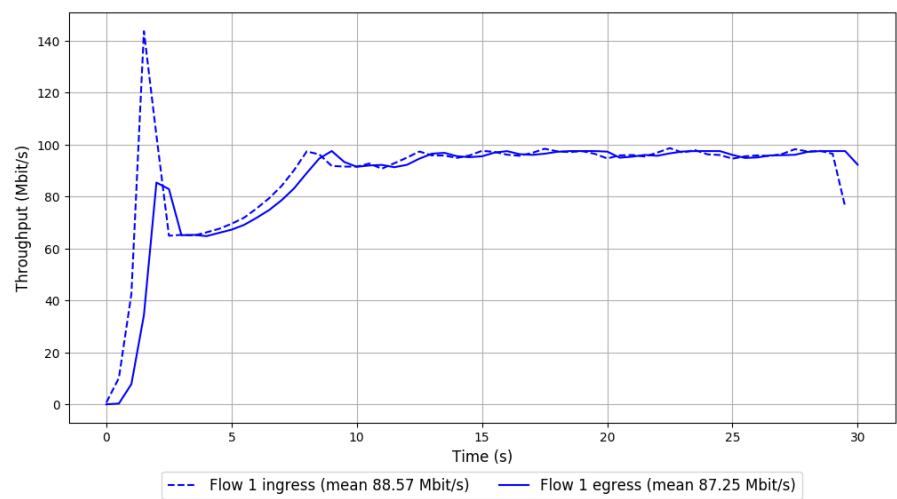


Run 2: Statistics of PCC-Allegro

Start at: 2019-02-19 20:16:59
End at: 2019-02-19 20:17:29
Local clock offset: -4.926 ms
Remote clock offset: -0.955 ms

Below is generated by plot.py at 2019-02-19 21:59:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 91.417 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 91.417 ms
Loss rate: 1.49%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-02-19 20:41:35

End at: 2019-02-19 20:42:05

Local clock offset: -5.949 ms

Remote clock offset: 0.538 ms

Below is generated by plot.py at 2019-02-19 21:59:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.75 Mbit/s

95th percentile per-packet one-way delay: 100.900 ms

Loss rate: 1.48%

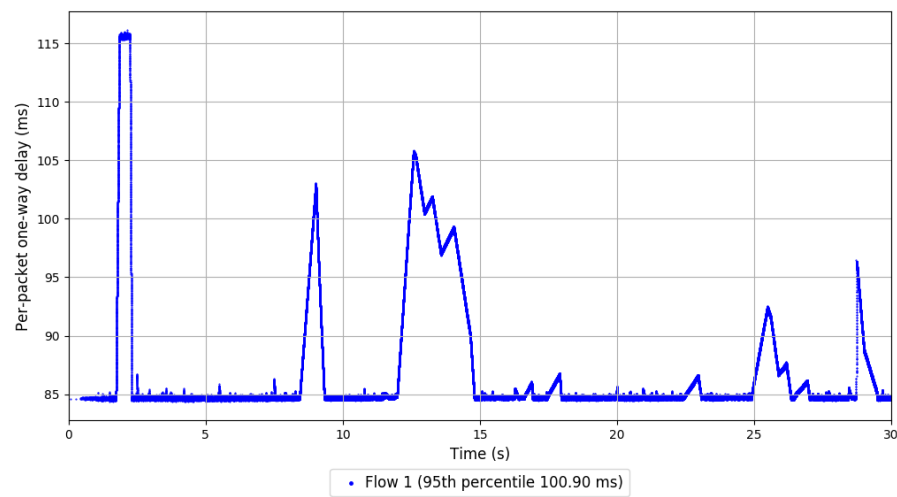
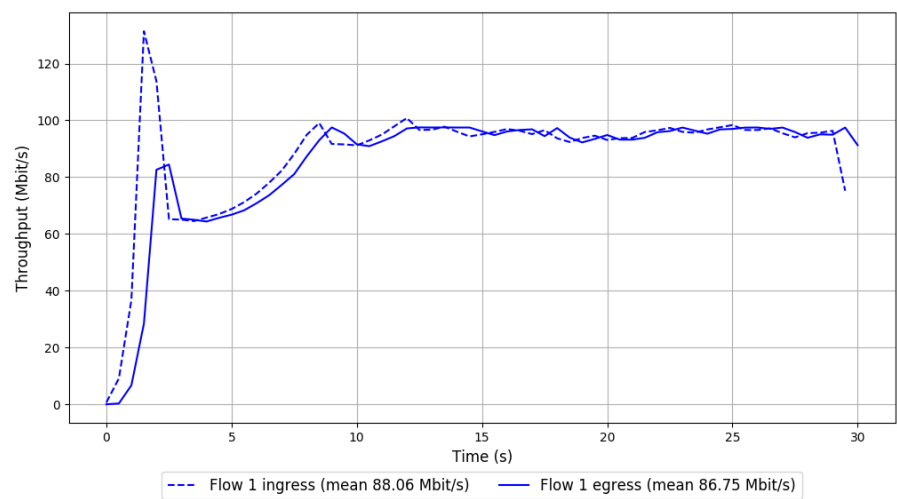
-- Flow 1:

Average throughput: 86.75 Mbit/s

95th percentile per-packet one-way delay: 100.900 ms

Loss rate: 1.48%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-02-19 21:06:12

End at: 2019-02-19 21:06:42

Local clock offset: -9.336 ms

Remote clock offset: 1.463 ms

Below is generated by plot.py at 2019-02-19 21:59:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.06 Mbit/s

95th percentile per-packet one-way delay: 102.958 ms

Loss rate: 1.52%

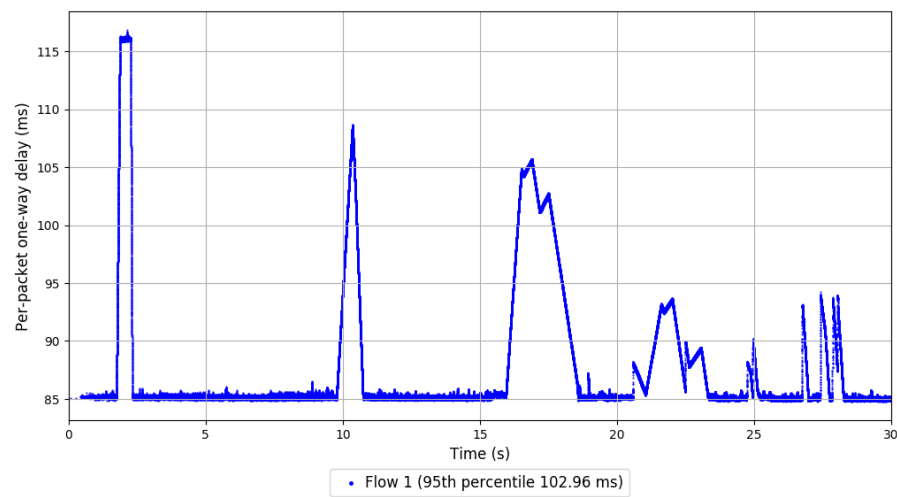
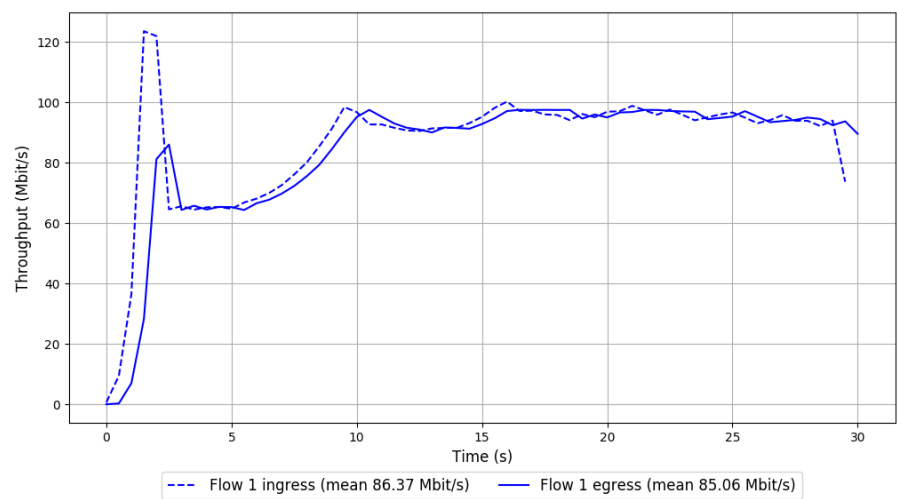
-- Flow 1:

Average throughput: 85.06 Mbit/s

95th percentile per-packet one-way delay: 102.958 ms

Loss rate: 1.52%

Run 4: Report of PCC-Allegro — Data Link

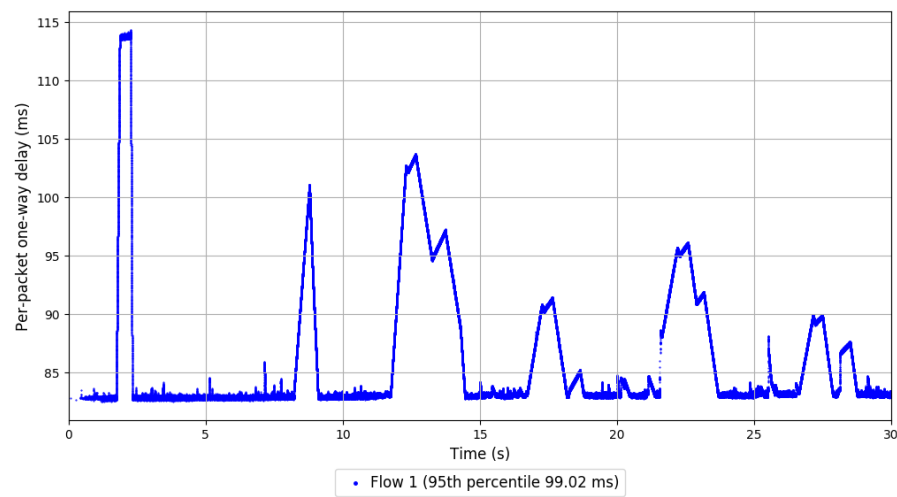
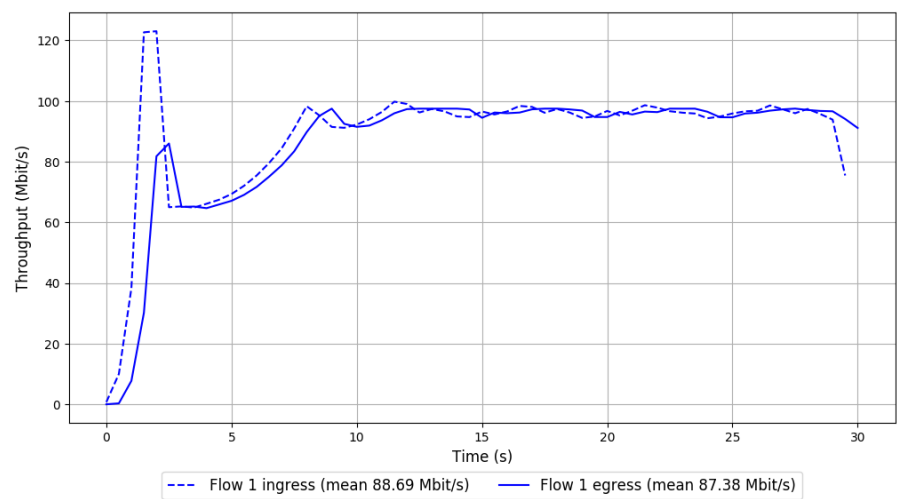


Run 5: Statistics of PCC-Allegro

Start at: 2019-02-19 21:30:48
End at: 2019-02-19 21:31:18
Local clock offset: -12.751 ms
Remote clock offset: 3.468 ms

Below is generated by plot.py at 2019-02-19 21:59:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.38 Mbit/s
95th percentile per-packet one-way delay: 99.015 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 87.38 Mbit/s
95th percentile per-packet one-way delay: 99.015 ms
Loss rate: 1.48%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

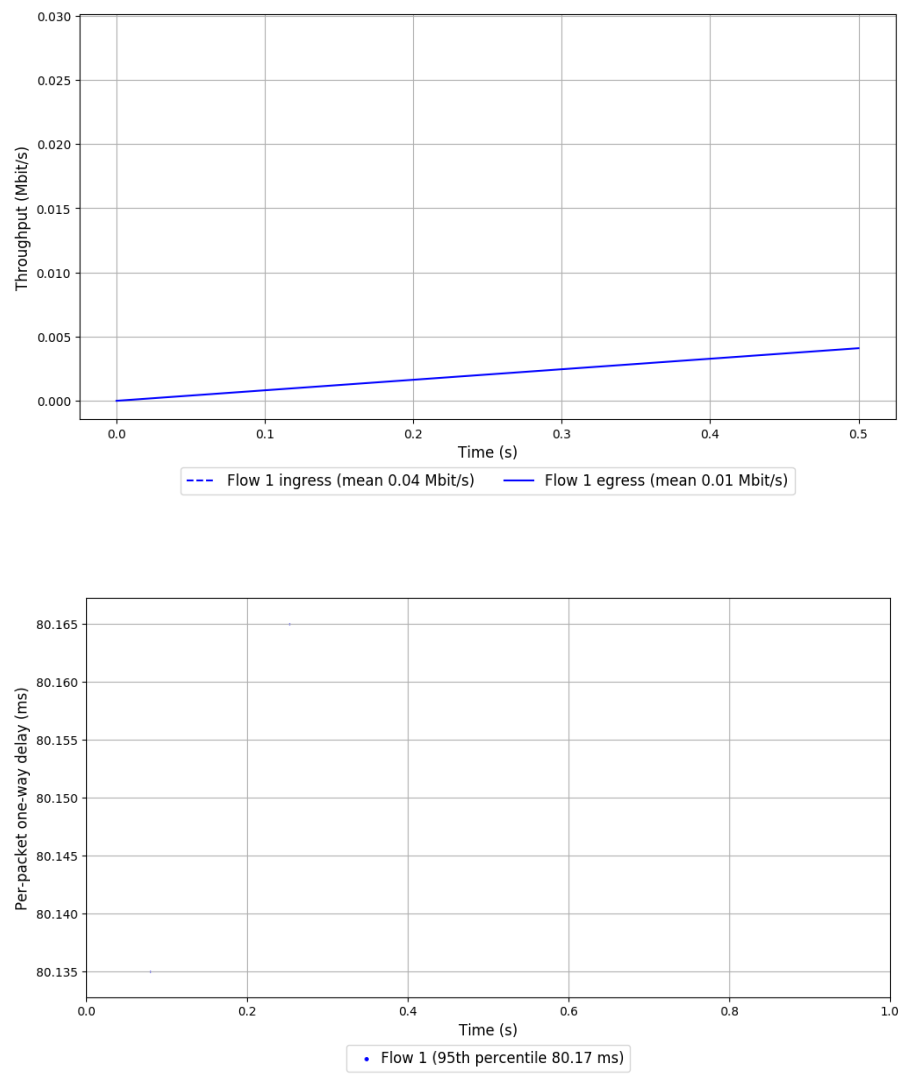
Start at: 2019-02-19 19:47:47

End at: 2019-02-19 19:48:17

Local clock offset: -4.757 ms

Remote clock offset: -4.354 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

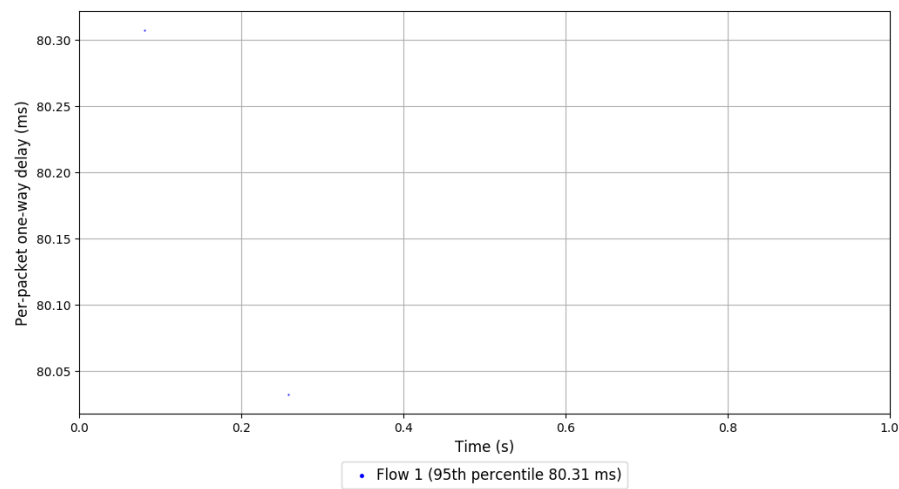
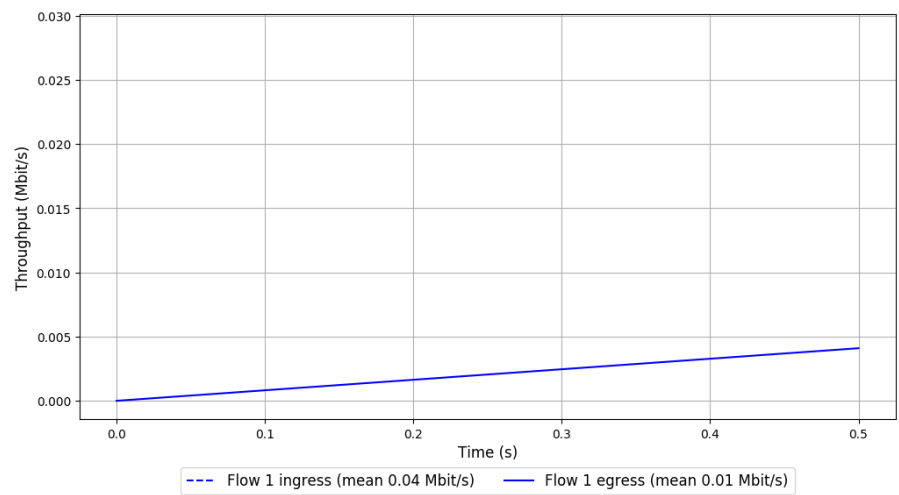
Start at: 2019-02-19 20:12:22

End at: 2019-02-19 20:12:52

Local clock offset: -5.188 ms

Remote clock offset: -5.426 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

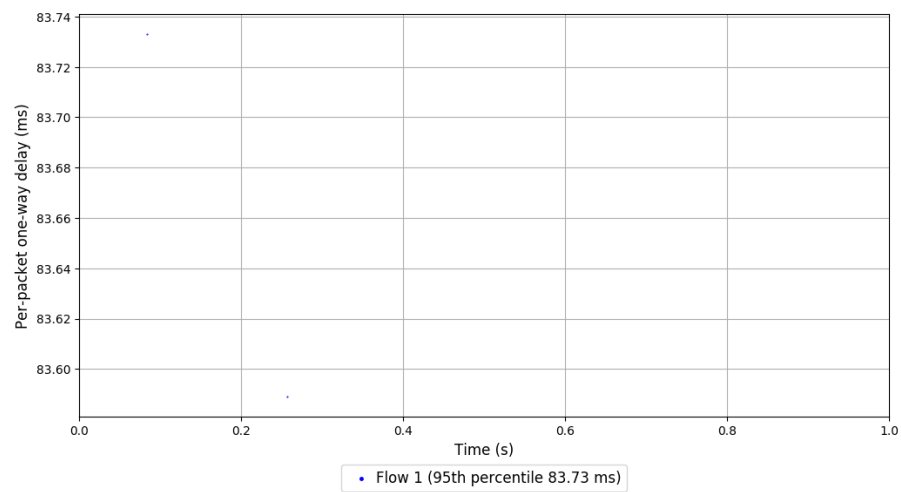
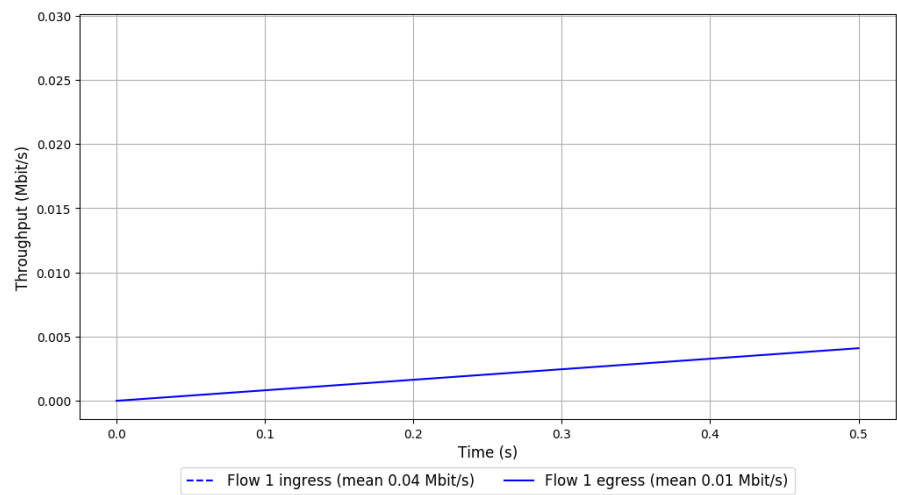
Start at: 2019-02-19 20:36:59

End at: 2019-02-19 20:37:29

Local clock offset: -5.388 ms

Remote clock offset: -1.388 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

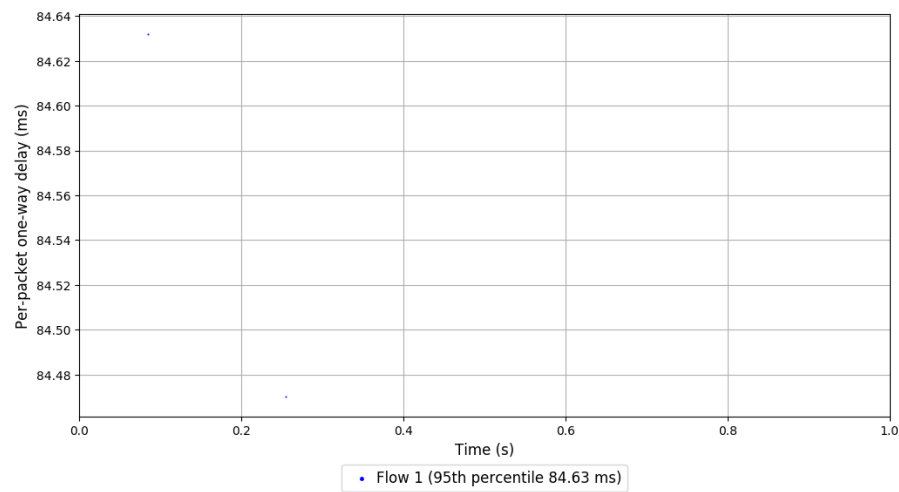
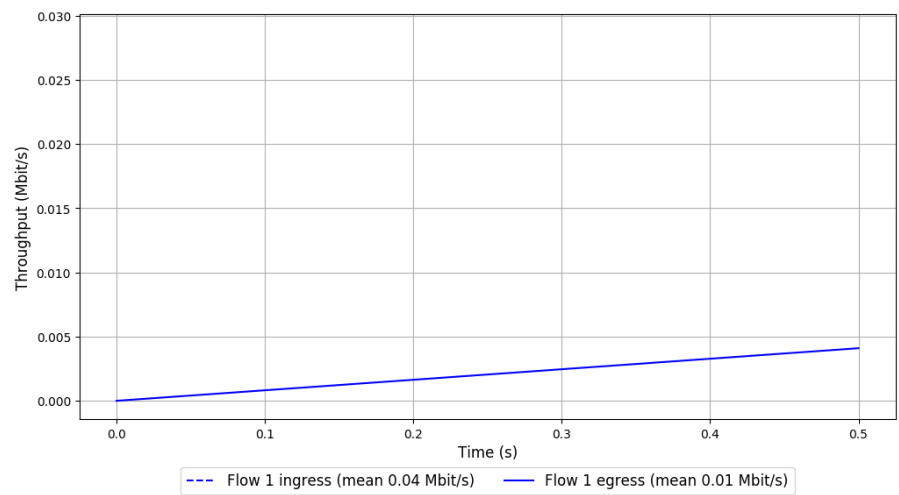
Start at: 2019-02-19 21:01:35

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

Local clock offset: -6.521 ms

Remote clock offset: 1.406 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

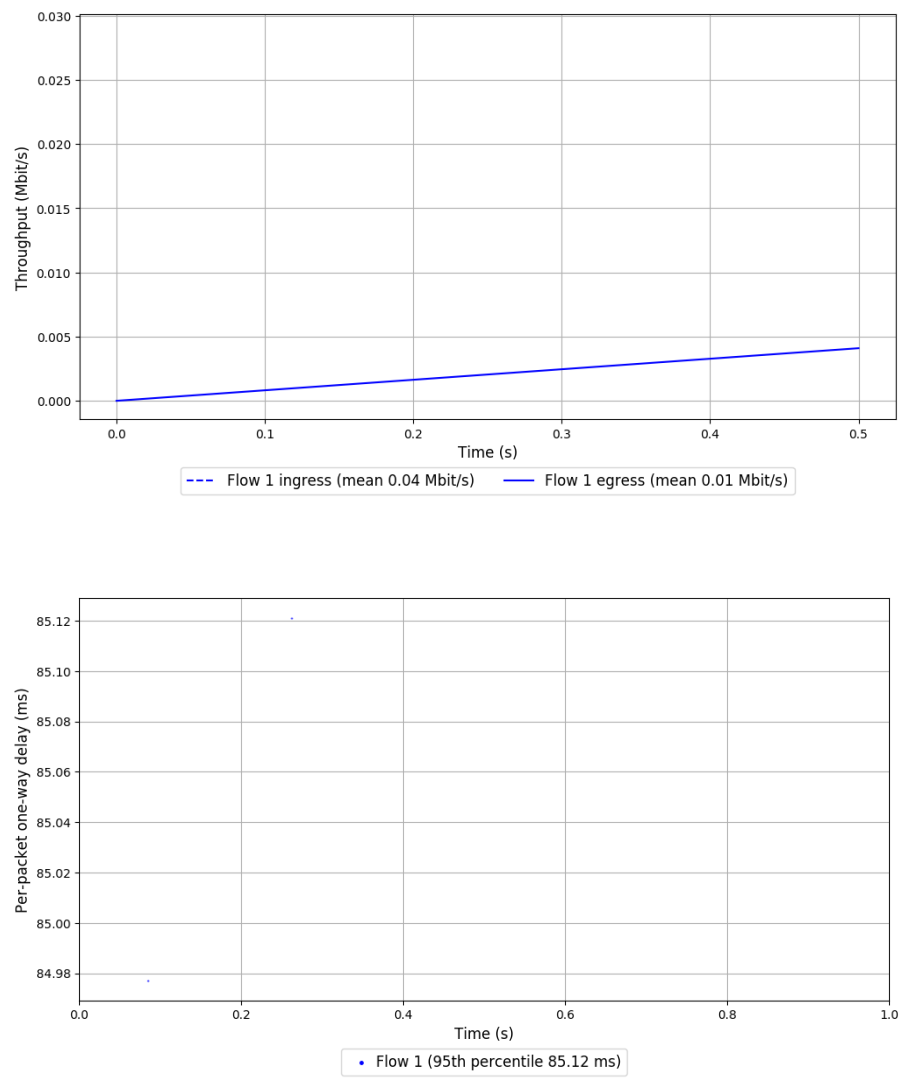
Start at: 2019-02-19 21:26:11

End at: 2019-02-19 21:26:41

Local clock offset: -12.977 ms

Remote clock offset: 5.295 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-02-19 19:57:10

End at: 2019-02-19 19:57:40

Local clock offset: -3.96 ms

Remote clock offset: -4.507 ms

Below is generated by plot.py at 2019-02-19 21:59:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.09 Mbit/s

95th percentile per-packet one-way delay: 93.960 ms

Loss rate: 0.34%

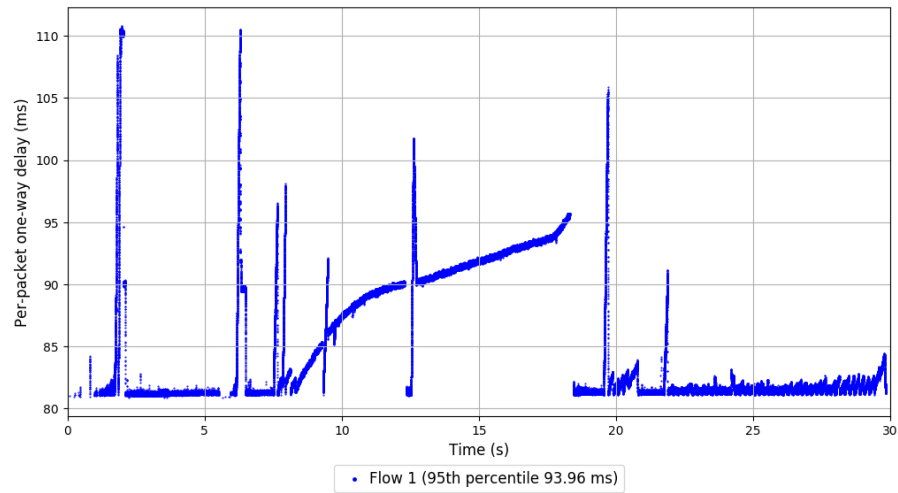
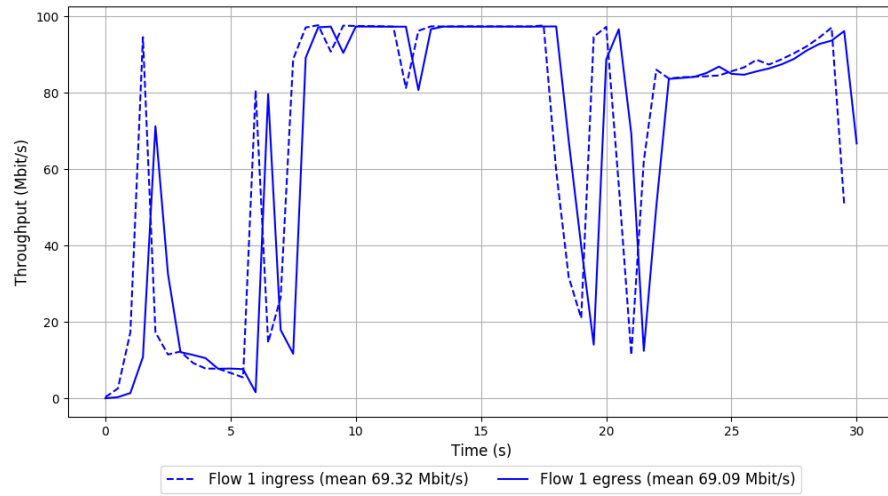
-- Flow 1:

Average throughput: 69.09 Mbit/s

95th percentile per-packet one-way delay: 93.960 ms

Loss rate: 0.34%

Run 1: Report of QUIC Cubic — Data Link

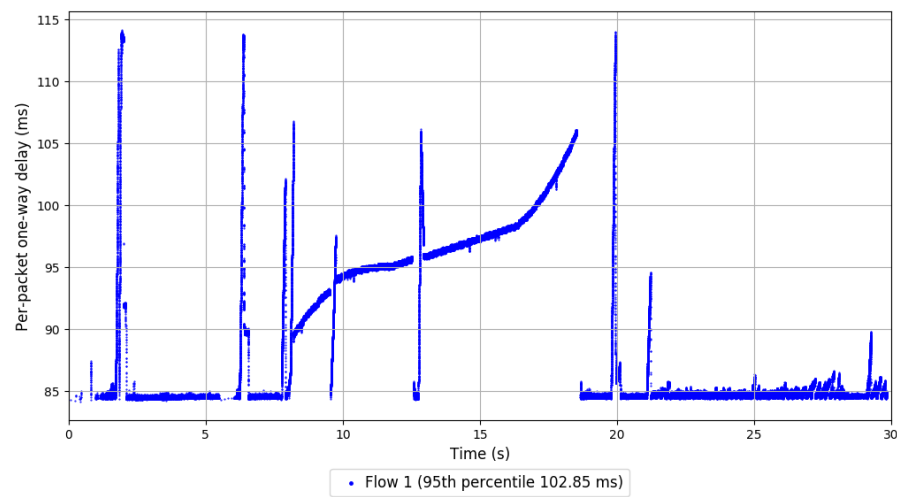
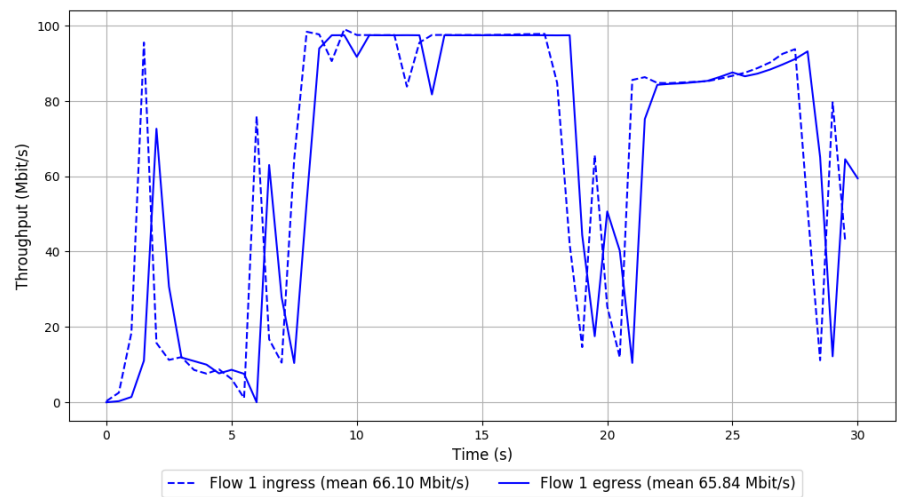


Run 2: Statistics of QUIC Cubic

Start at: 2019-02-19 20:21:45
End at: 2019-02-19 20:22:15
Local clock offset: -4.307 ms
Remote clock offset: -0.818 ms

Below is generated by plot.py at 2019-02-19 21:59:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.84 Mbit/s
95th percentile per-packet one-way delay: 102.851 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 65.84 Mbit/s
95th percentile per-packet one-way delay: 102.851 ms
Loss rate: 0.39%

Run 2: Report of QUIC Cubic — Data Link

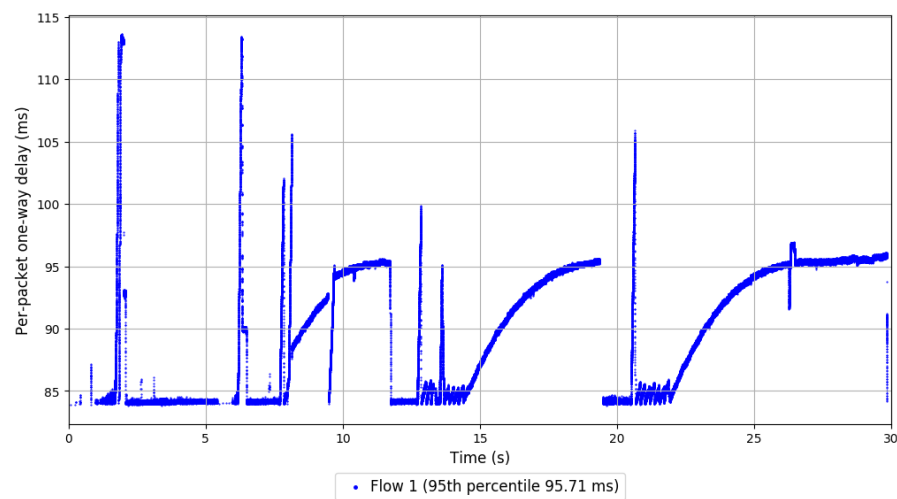
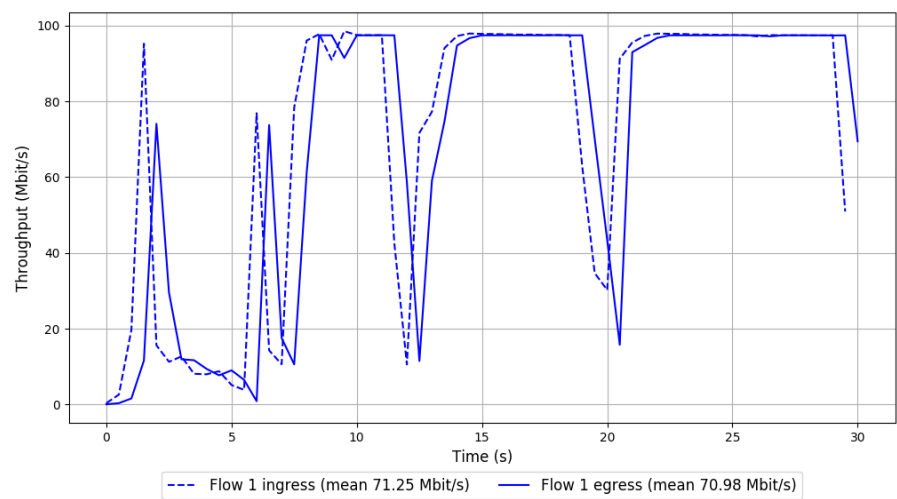


Run 3: Statistics of QUIC Cubic

Start at: 2019-02-19 20:46:21
End at: 2019-02-19 20:46:51
Local clock offset: -6.101 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2019-02-19 21:59:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.98 Mbit/s
95th percentile per-packet one-way delay: 95.710 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 70.98 Mbit/s
95th percentile per-packet one-way delay: 95.710 ms
Loss rate: 0.36%

Run 3: Report of QUIC Cubic — Data Link

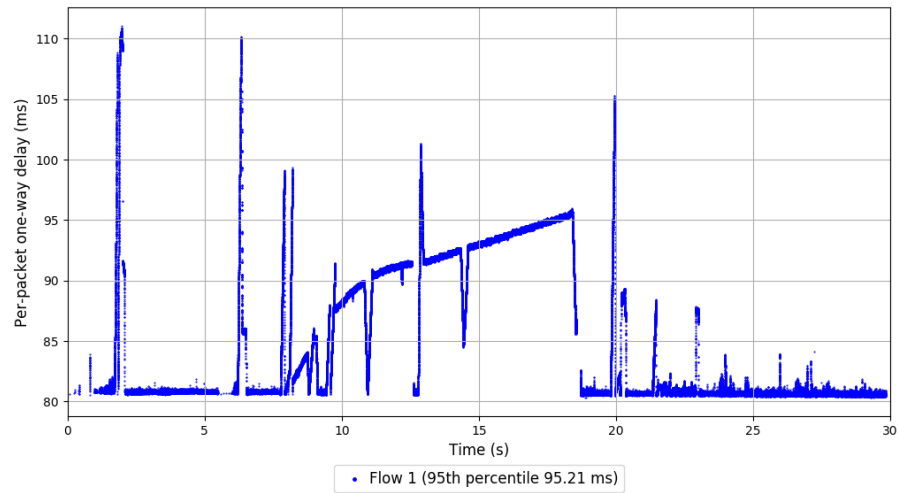
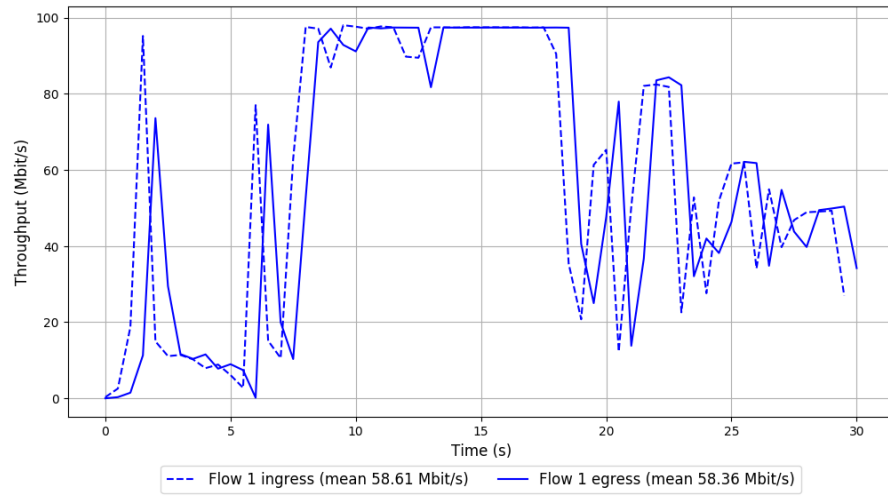


Run 4: Statistics of QUIC Cubic

Start at: 2019-02-19 21:10:58
End at: 2019-02-19 21:11:28
Local clock offset: -11.059 ms
Remote clock offset: -2.623 ms

Below is generated by plot.py at 2019-02-19 21:59:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.36 Mbit/s
95th percentile per-packet one-way delay: 95.211 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 58.36 Mbit/s
95th percentile per-packet one-way delay: 95.211 ms
Loss rate: 0.43%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

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

End at: 2019-02-19 21:36:05

Local clock offset: -10.76 ms

Remote clock offset: 4.896 ms

Below is generated by plot.py at 2019-02-19 21:59:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.94 Mbit/s

95th percentile per-packet one-way delay: 96.658 ms

Loss rate: 0.43%

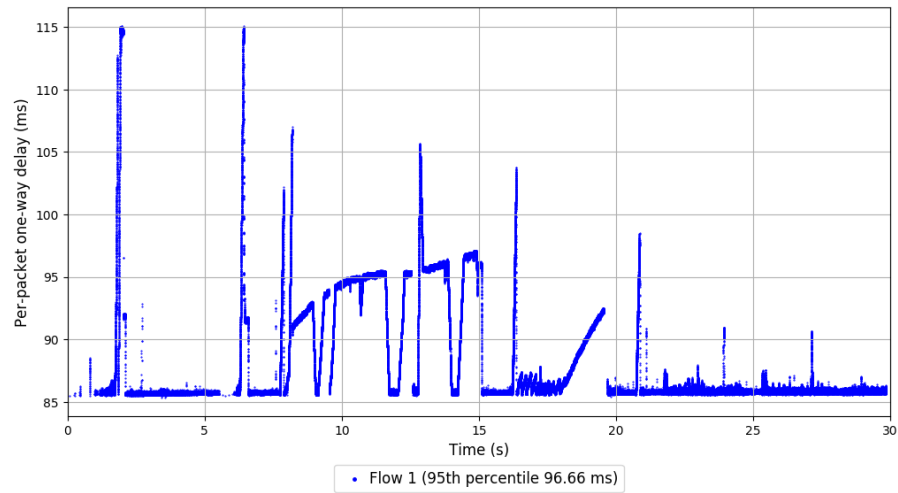
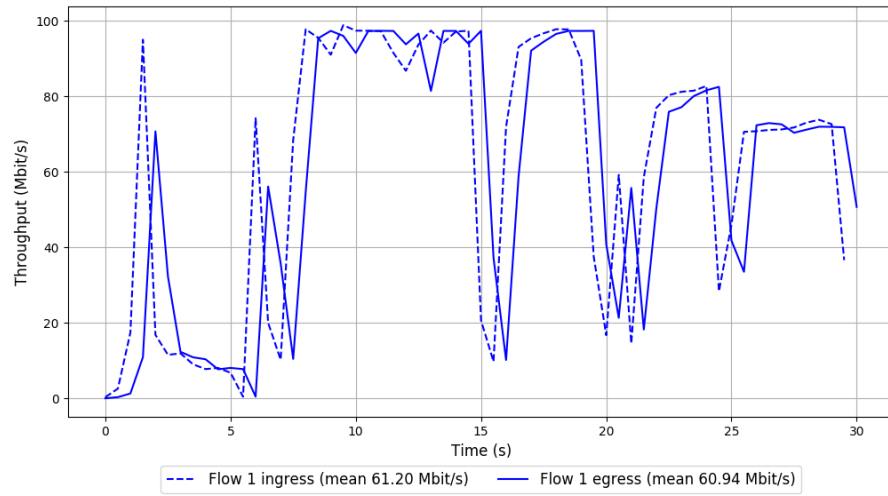
-- Flow 1:

Average throughput: 60.94 Mbit/s

95th percentile per-packet one-way delay: 96.658 ms

Loss rate: 0.43%

Run 5: Report of QUIC Cubic — Data Link

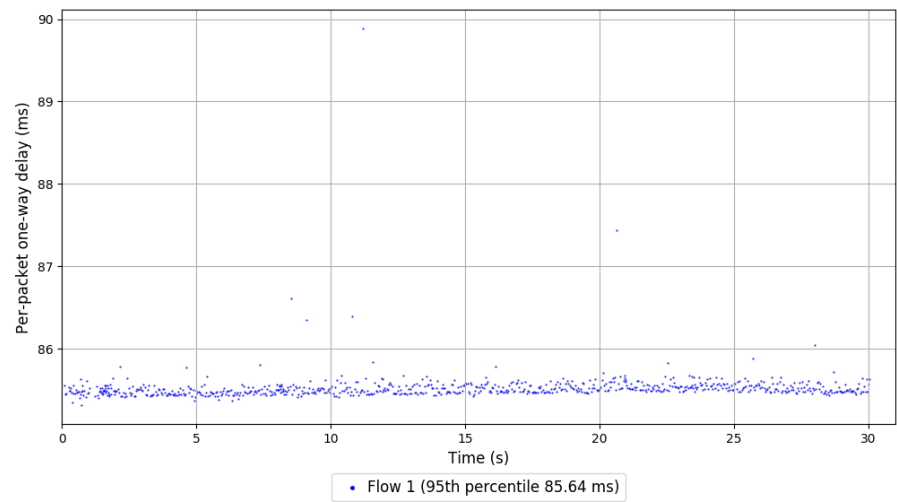
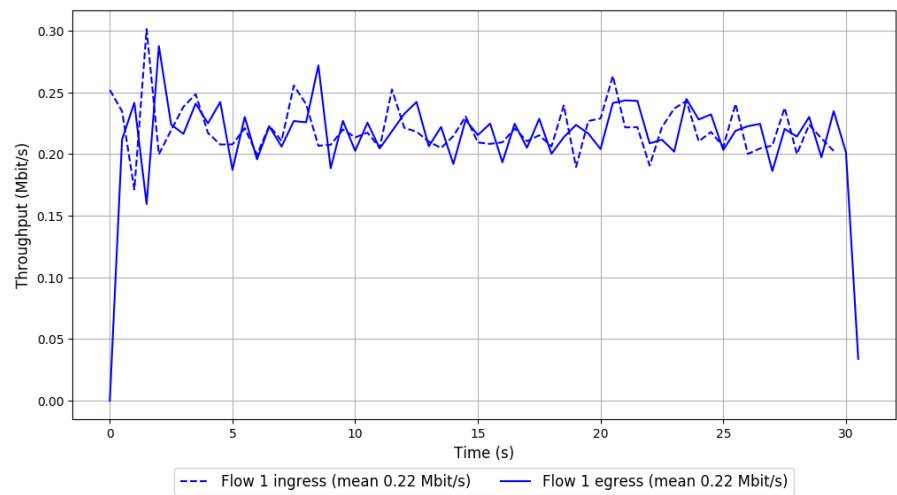


```
Run 1: Statistics of SCReAM

Start at: 2019-02-19 19:59:28
End at: 2019-02-19 19:59:58
Local clock offset: -3.648 ms
Remote clock offset: -0.289 ms

# Below is generated by plot.py at 2019-02-19 21:59:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.638 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.638 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-02-19 20:24:03

End at: 2019-02-19 20:24:33

Local clock offset: -3.95 ms

Remote clock offset: 1.216 ms

Below is generated by plot.py at 2019-02-19 21:59:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 85.713 ms

Loss rate: 0.00%

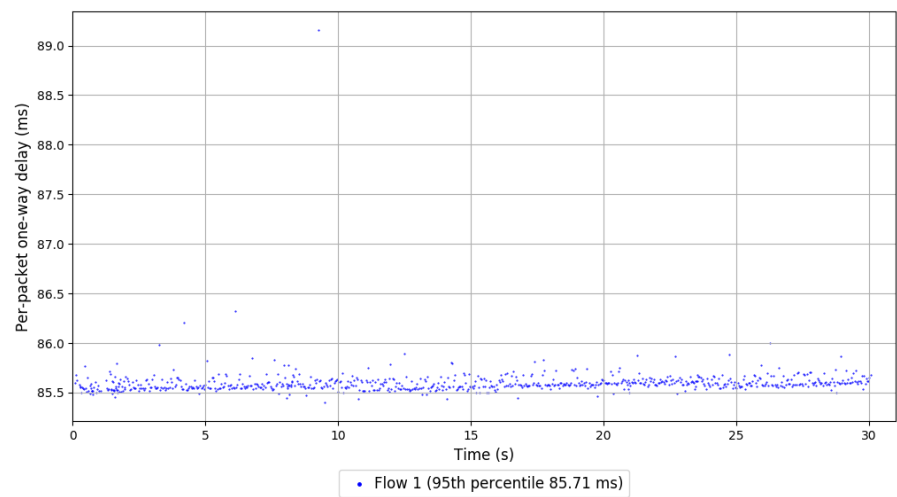
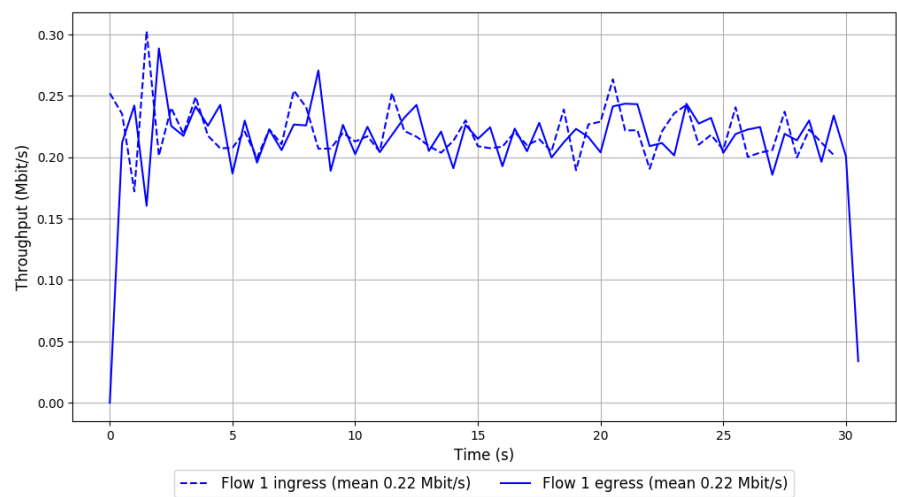
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 85.713 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

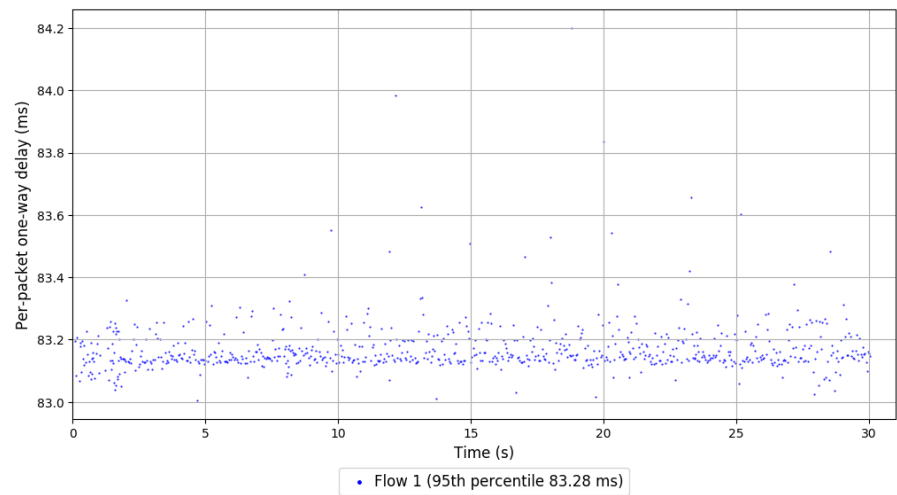
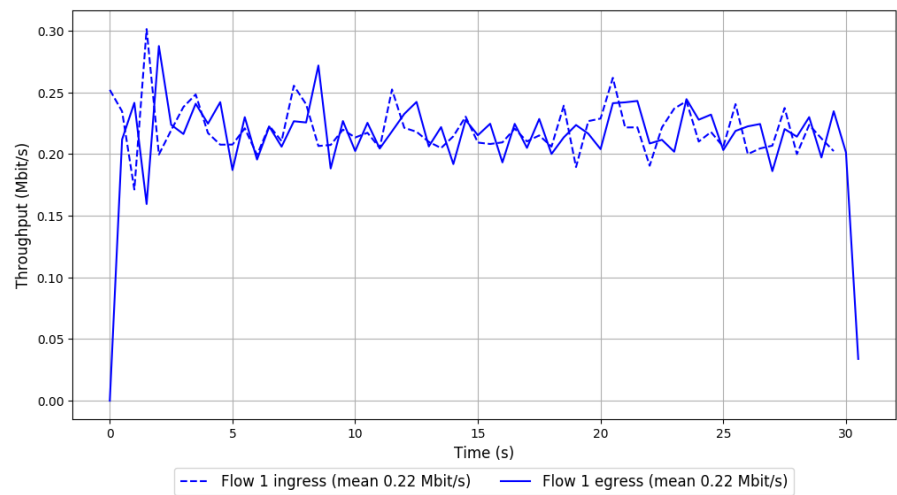


Run 3: Statistics of SCReAM

Start at: 2019-02-19 20:48:39
End at: 2019-02-19 20:49:09
Local clock offset: -6.033 ms
Remote clock offset: -0.807 ms

Below is generated by plot.py at 2019-02-19 21:59:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.280 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.280 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

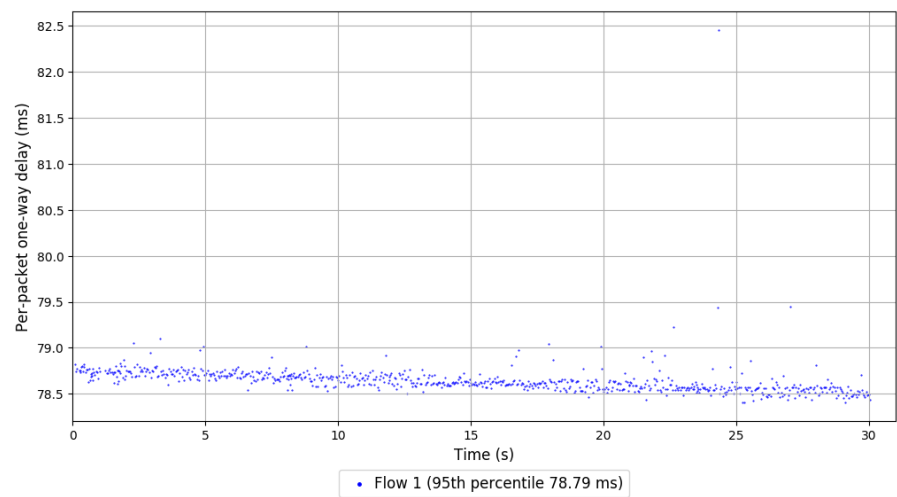
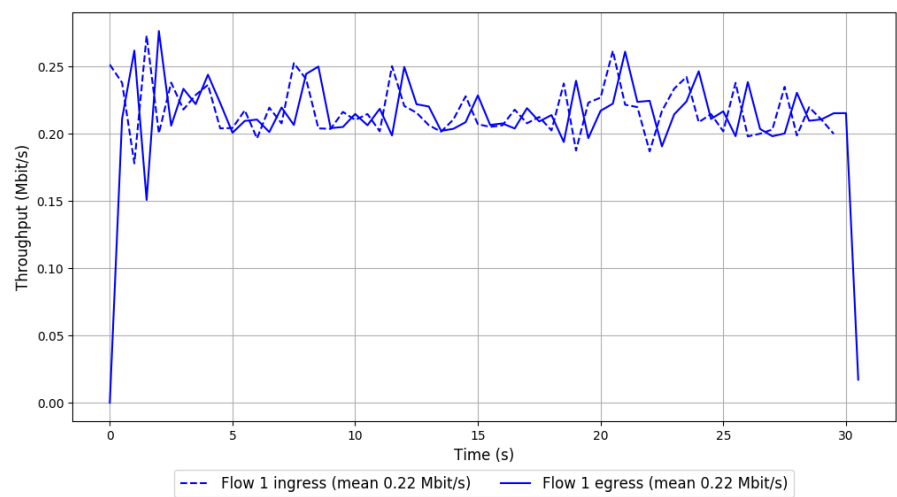


Run 4: Statistics of SCReAM

Start at: 2019-02-19 21:13:17
End at: 2019-02-19 21:13:47
Local clock offset: -11.538 ms
Remote clock offset: -3.112 ms

Below is generated by plot.py at 2019-02-19 21:59:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.791 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.791 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

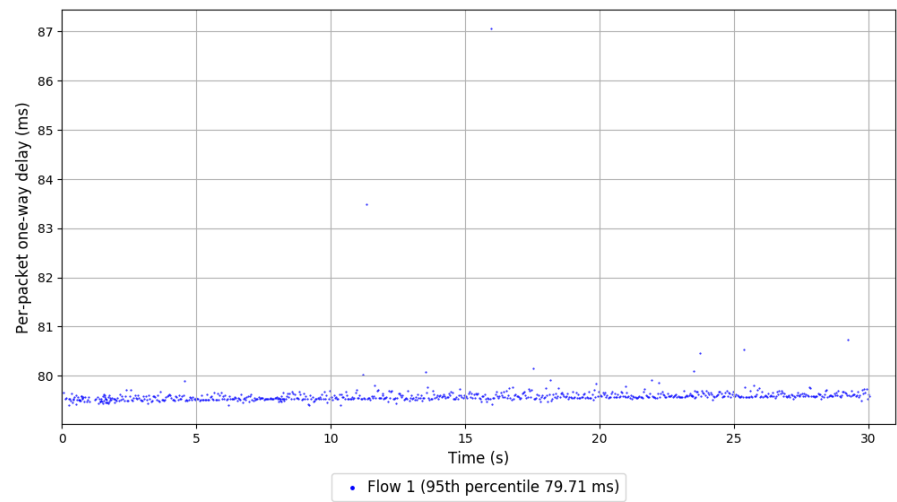
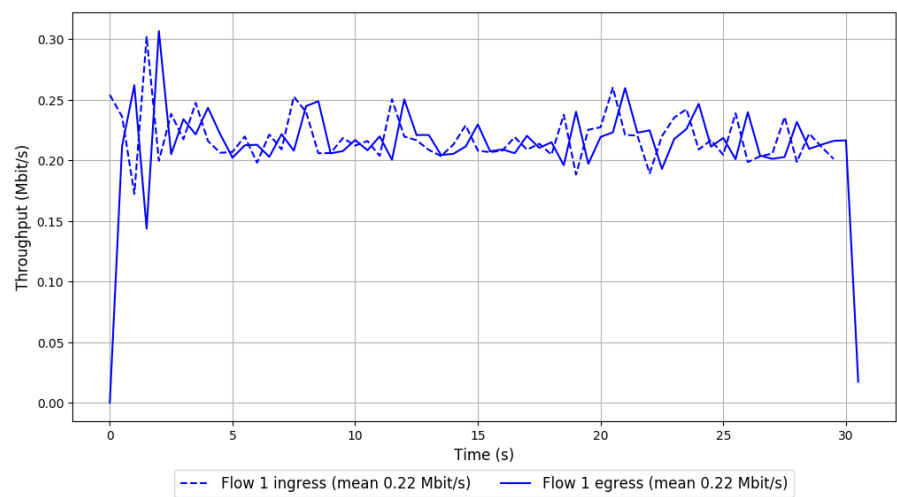


Run 5: Statistics of SCReAM

Start at: 2019-02-19 21:37:53
End at: 2019-02-19 21:38:23
Local clock offset: -10.034 ms
Remote clock offset: 0.729 ms

Below is generated by plot.py at 2019-02-19 21:59:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.711 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.711 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

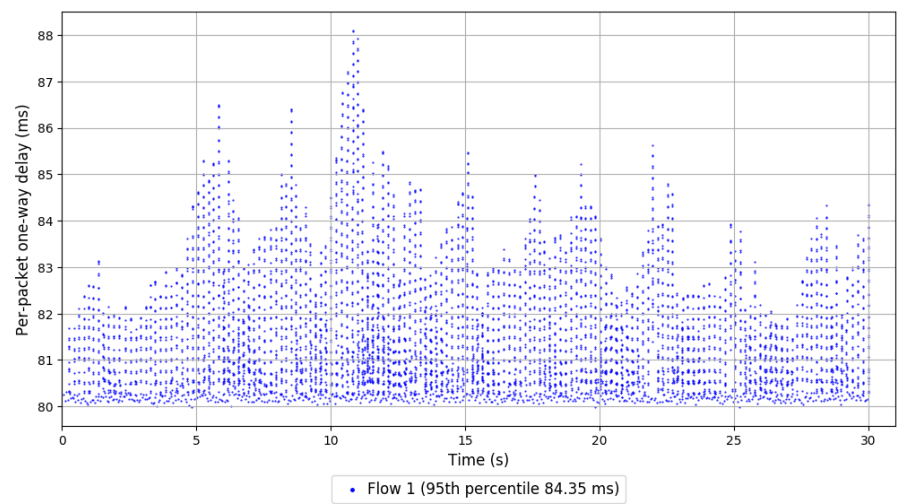
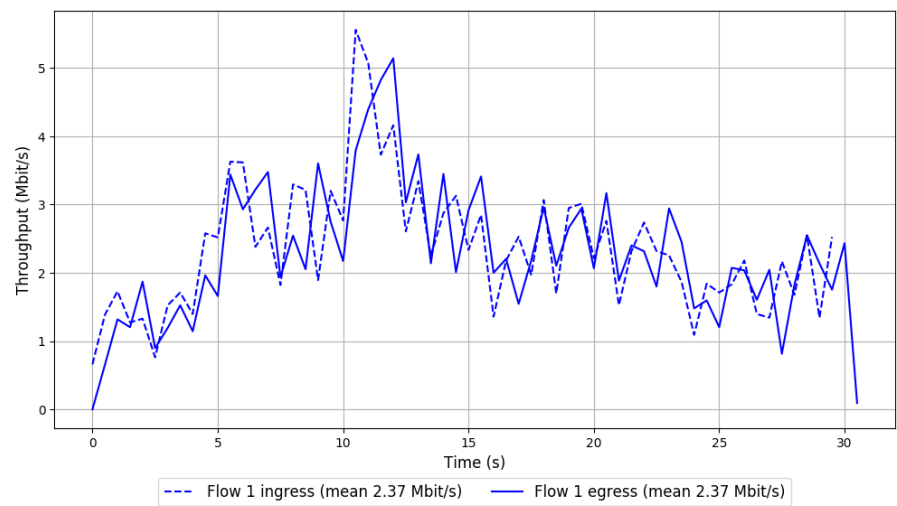


Run 1: Statistics of Sprout

Start at: 2019-02-19 19:48:54
End at: 2019-02-19 19:49:24
Local clock offset: -4.788 ms
Remote clock offset: -4.338 ms

Below is generated by plot.py at 2019-02-19 21:59:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 84.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 84.349 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

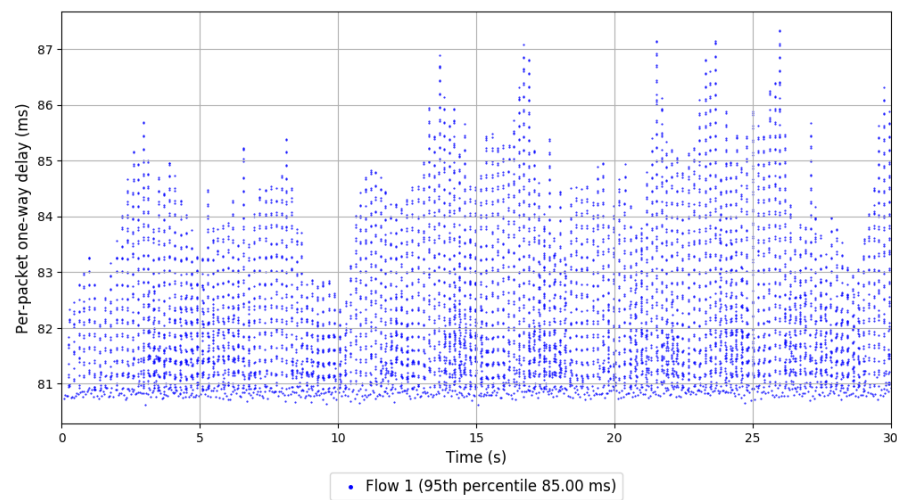
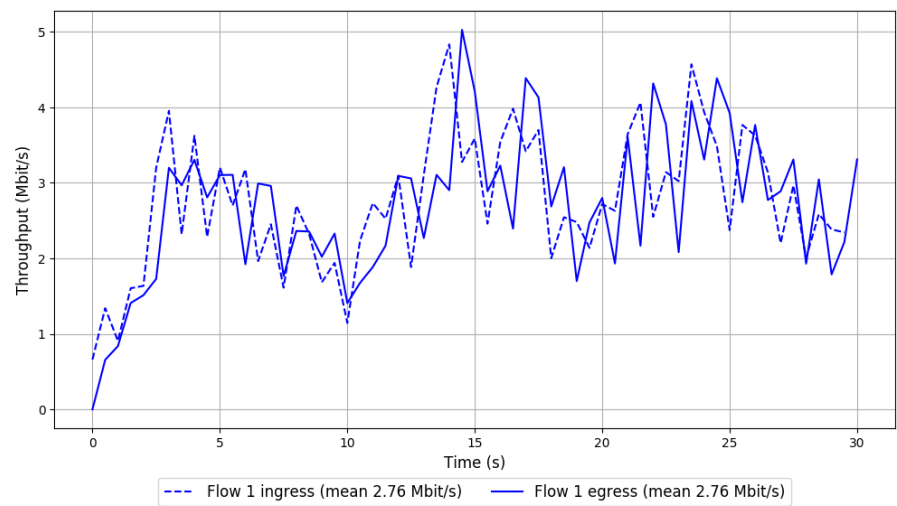


Run 2: Statistics of Sprout

Start at: 2019-02-19 20:13:29
End at: 2019-02-19 20:13:59
Local clock offset: -5.129 ms
Remote clock offset: -3.692 ms

Below is generated by plot.py at 2019-02-19 21:59:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 85.000 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 85.000 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

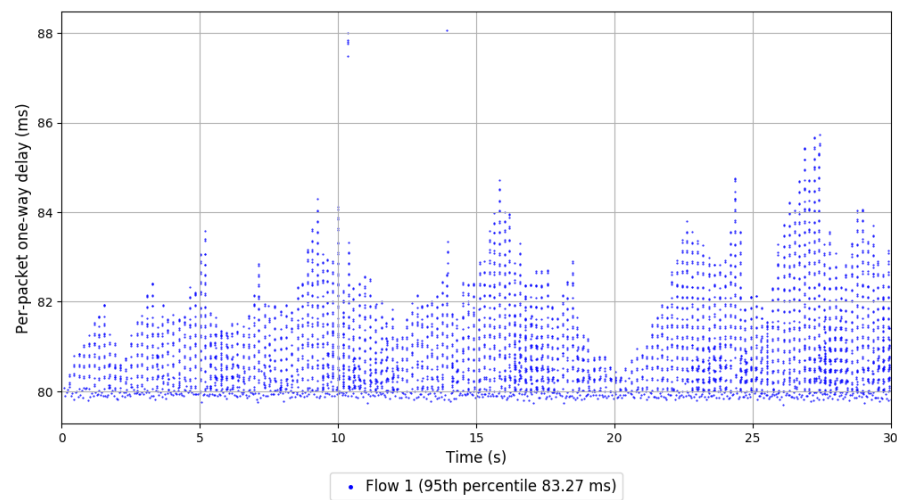
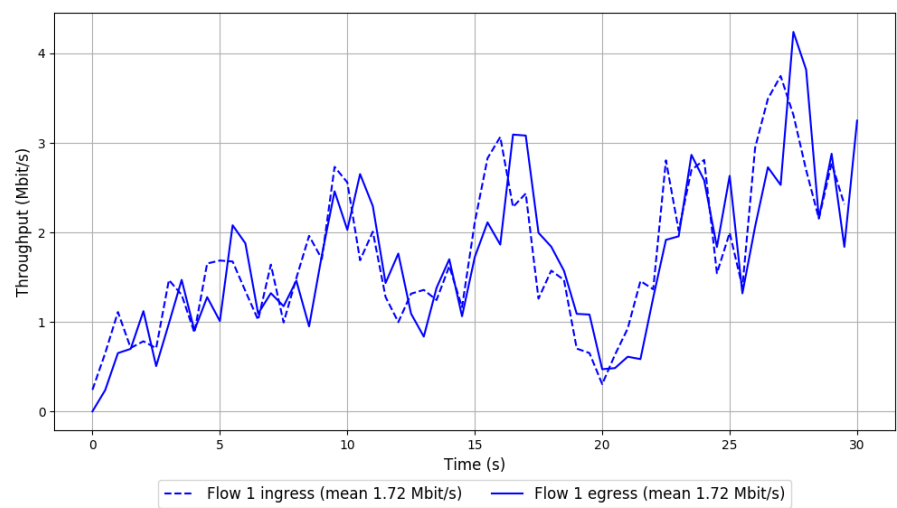


Run 3: Statistics of Sprout

Start at: 2019-02-19 20:38:06
End at: 2019-02-19 20:38:36
Local clock offset: -5.568 ms
Remote clock offset: -3.905 ms

Below is generated by plot.py at 2019-02-19 21:59:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 83.274 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 83.274 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

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

End at: 2019-02-19 21:03:12

Local clock offset: -7.392 ms

Remote clock offset: 1.252 ms

Below is generated by plot.py at 2019-02-19 21:59:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.97 Mbit/s

95th percentile per-packet one-way delay: 90.573 ms

Loss rate: 0.00%

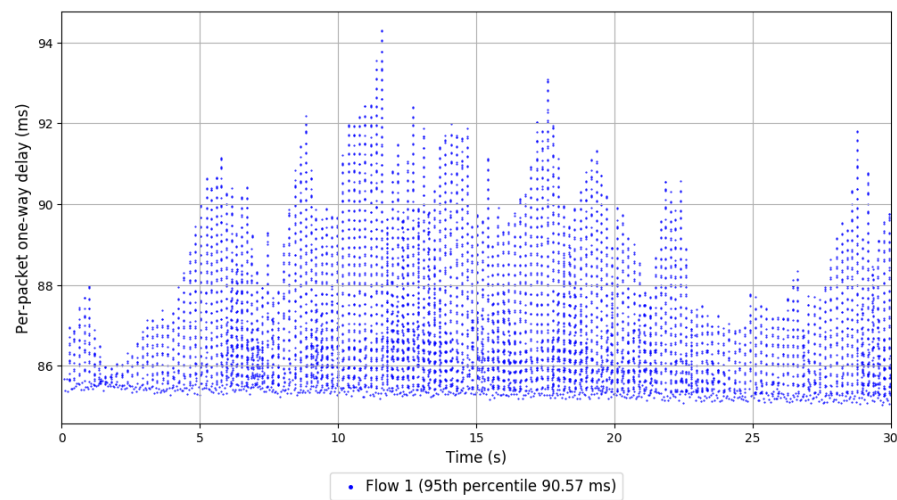
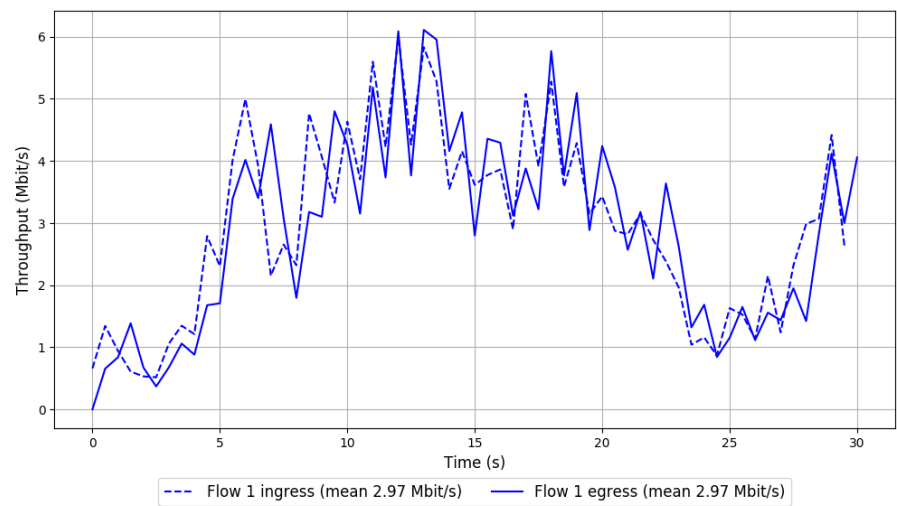
-- Flow 1:

Average throughput: 2.97 Mbit/s

95th percentile per-packet one-way delay: 90.573 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

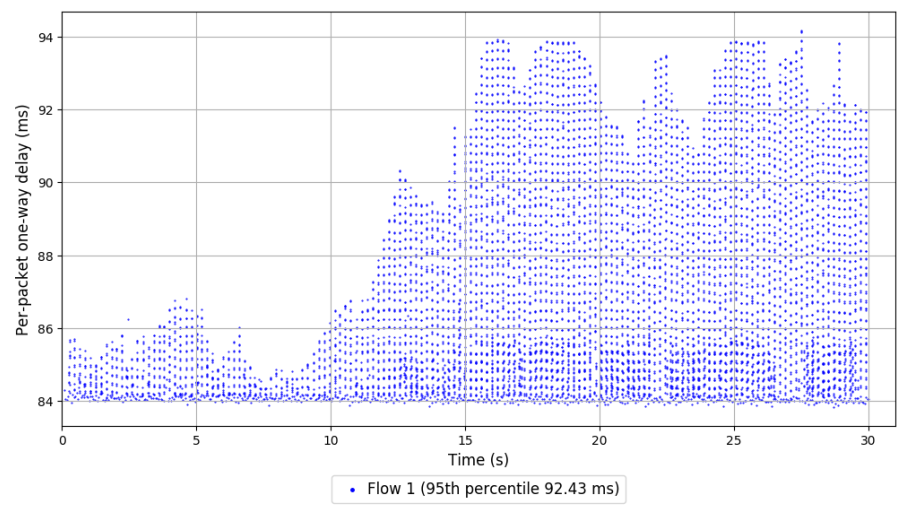
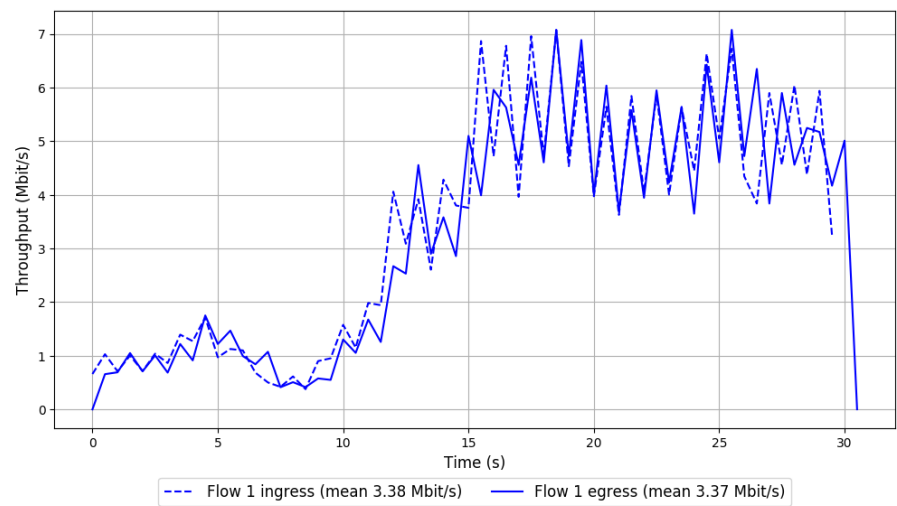


Run 5: Statistics of Sprout

Start at: 2019-02-19 21:27:18
End at: 2019-02-19 21:27:48
Local clock offset: -13.106 ms
Remote clock offset: 4.381 ms

Below is generated by plot.py at 2019-02-19 21:59:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 92.432 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 92.432 ms
Loss rate: 0.20%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

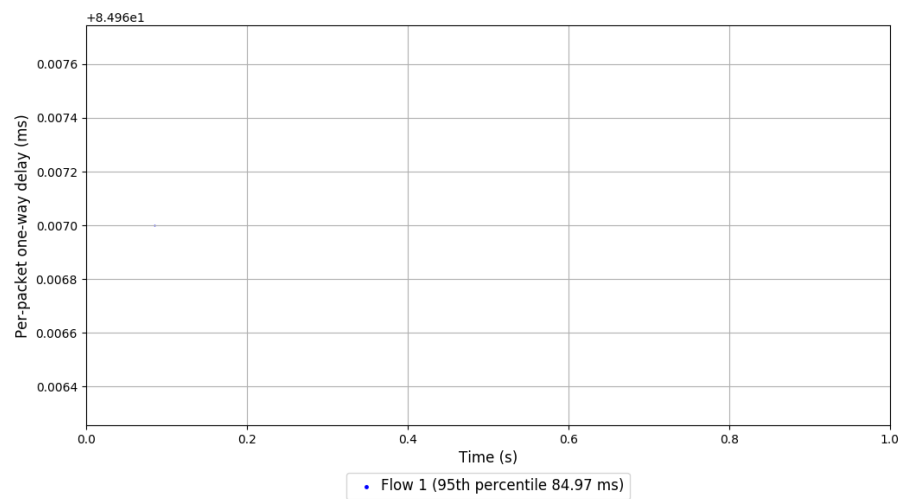
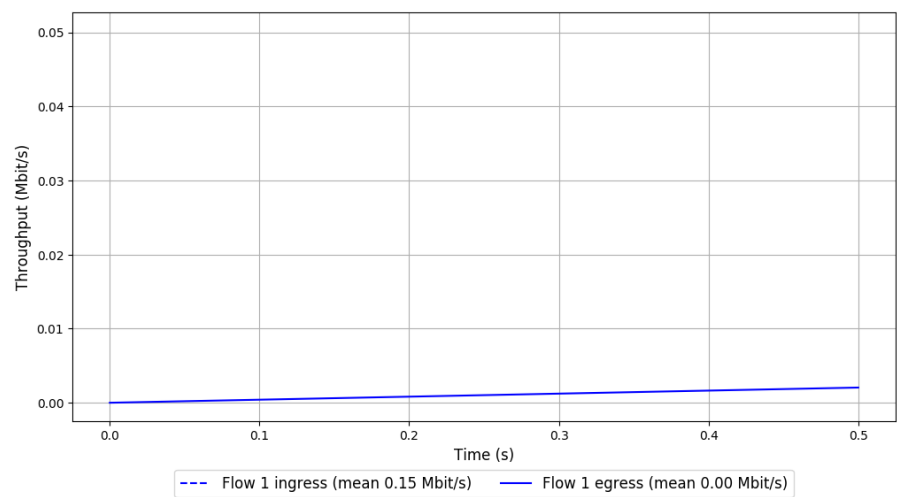
Start at: 2019-02-19 19:58:21

End at: 2019-02-19 19:58:51

Local clock offset: -3.828 ms

Remote clock offset: 0.335 ms

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



Run 2: Statistics of TaoVA-100x

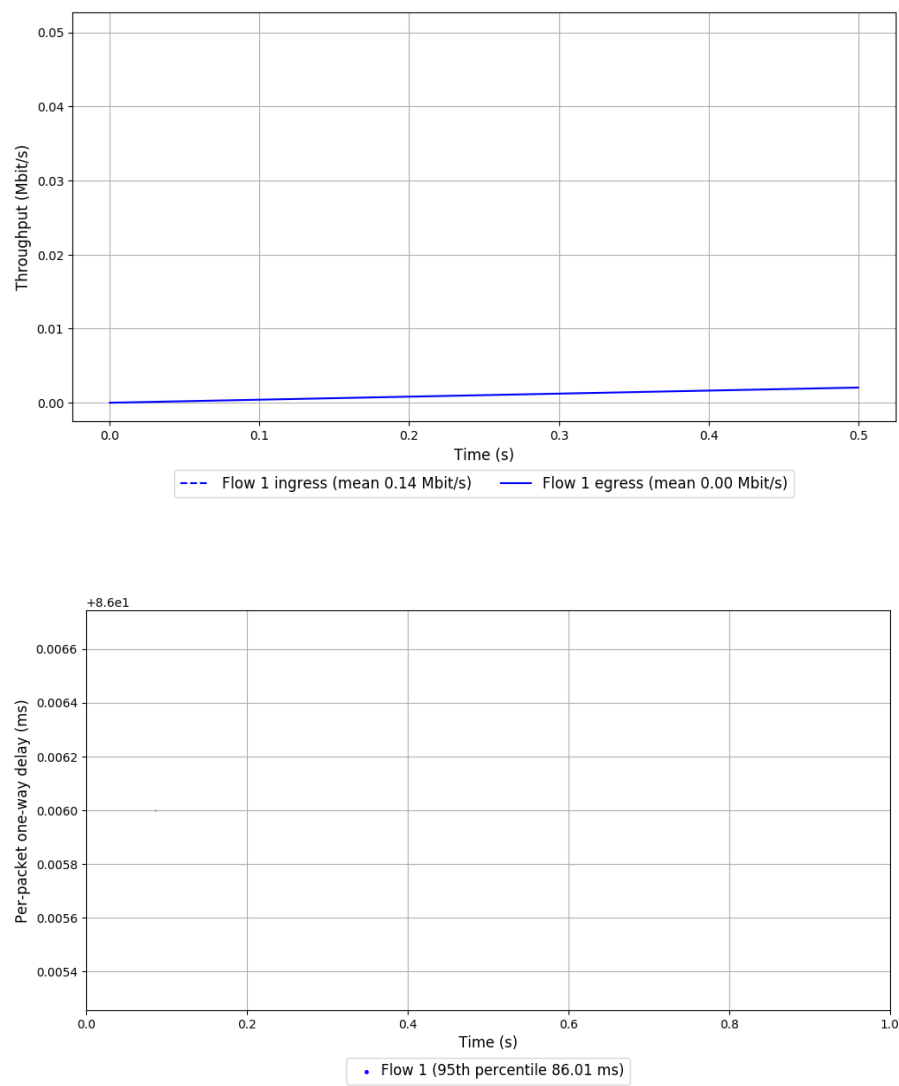
Start at: 2019-02-19 20:22:56

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

Local clock offset: -4.136 ms

Remote clock offset: 1.562 ms

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



Run 3: Statistics of TaoVA-100x

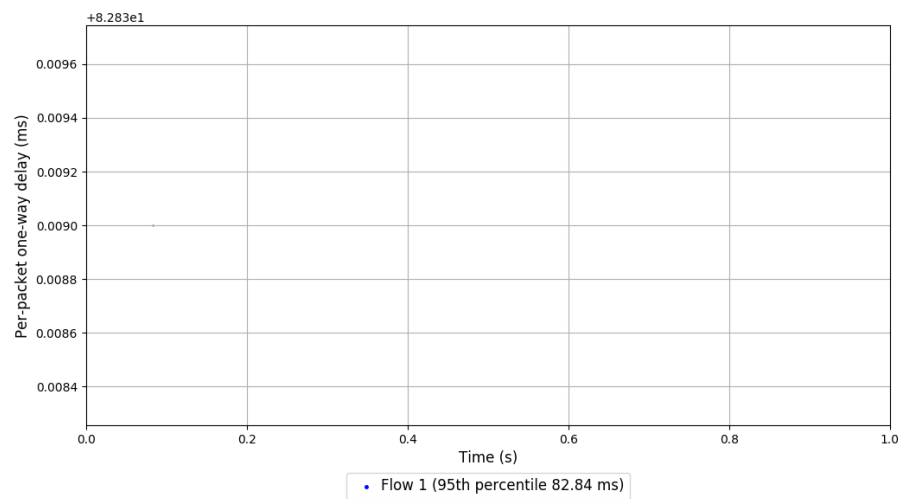
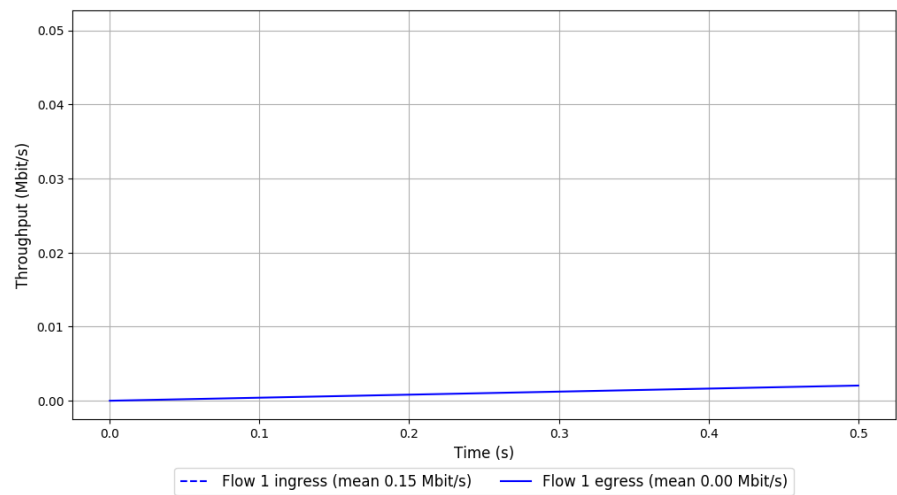
Start at: 2019-02-19 20:47:32

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

Local clock offset: -6.064 ms

Remote clock offset: -1.055 ms

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



Run 4: Statistics of TaoVA-100x

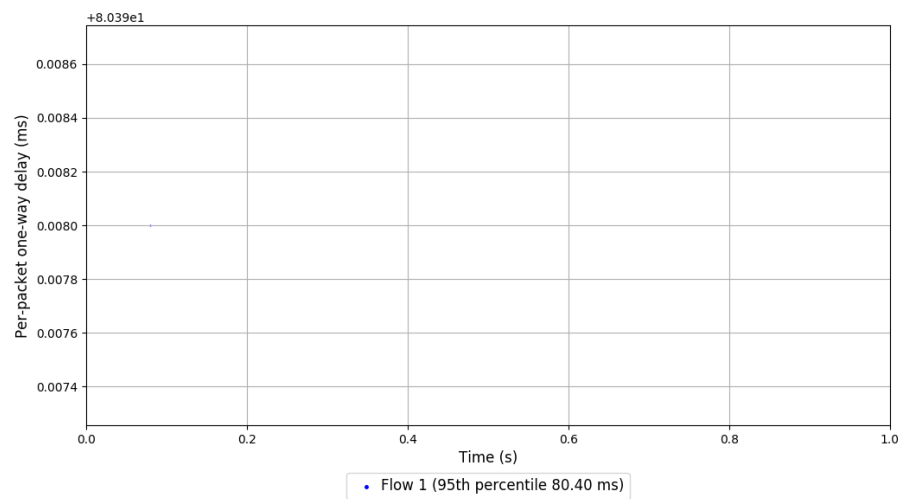
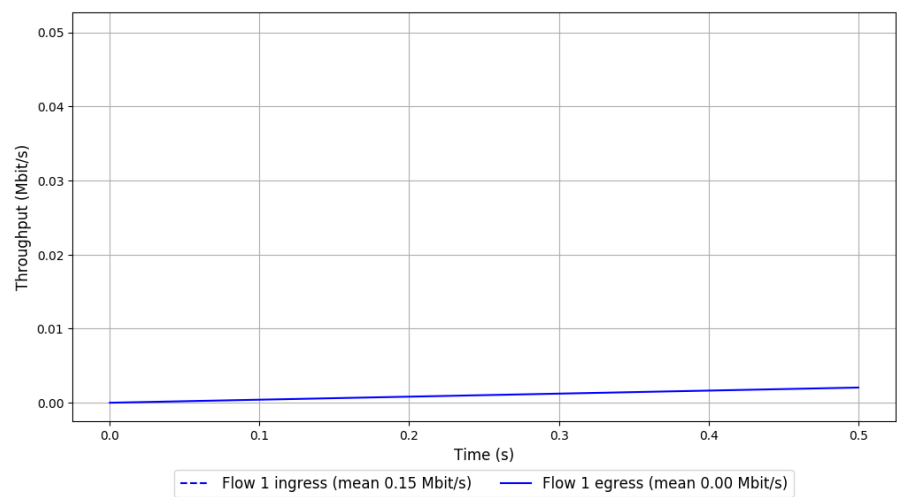
Start at: 2019-02-19 21:12:09

End at: 2019-02-19 21:12:39

Local clock offset: -11.397 ms

Remote clock offset: -2.215 ms

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



Run 5: Statistics of TaoVA-100x

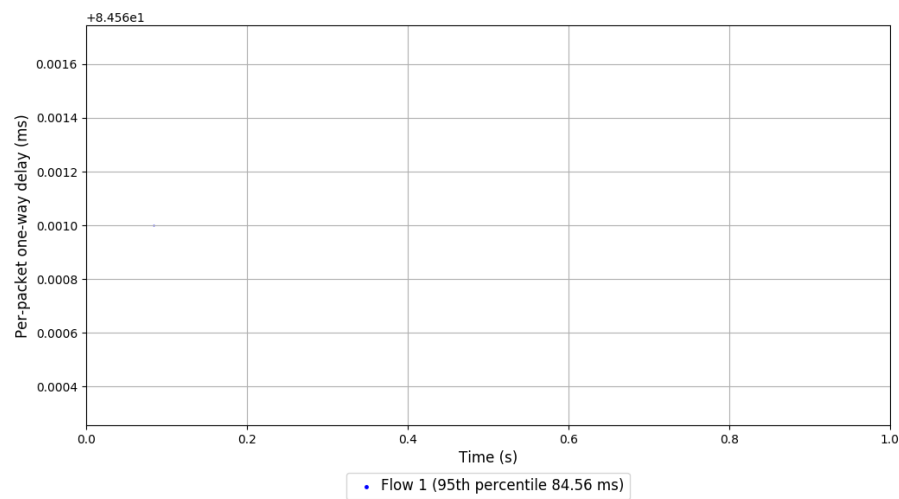
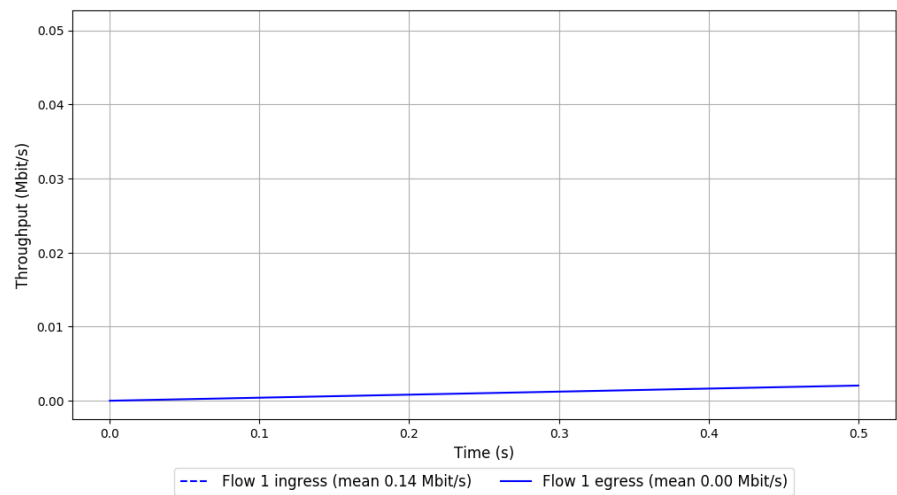
Start at: 2019-02-19 21:36:46

End at: 2019-02-19 21:37:16

Local clock offset: -10.351 ms

Remote clock offset: 5.105 ms

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



Run 1: Statistics of TCP Vegas

Start at: 2019-02-19 20:08:53

End at: 2019-02-19 20:09:23

Local clock offset: -5.188 ms

Remote clock offset: -0.54 ms

Below is generated by plot.py at 2019-02-19 21:59:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.64 Mbit/s

95th percentile per-packet one-way delay: 86.780 ms

Loss rate: 0.83%

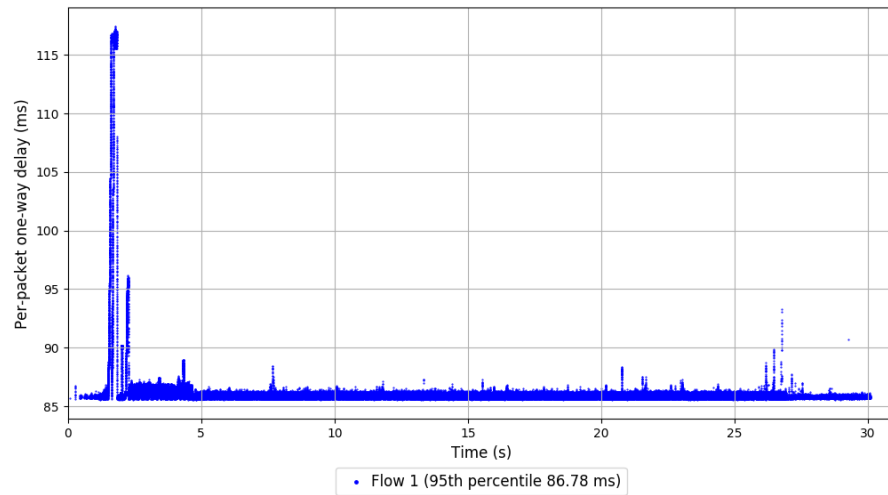
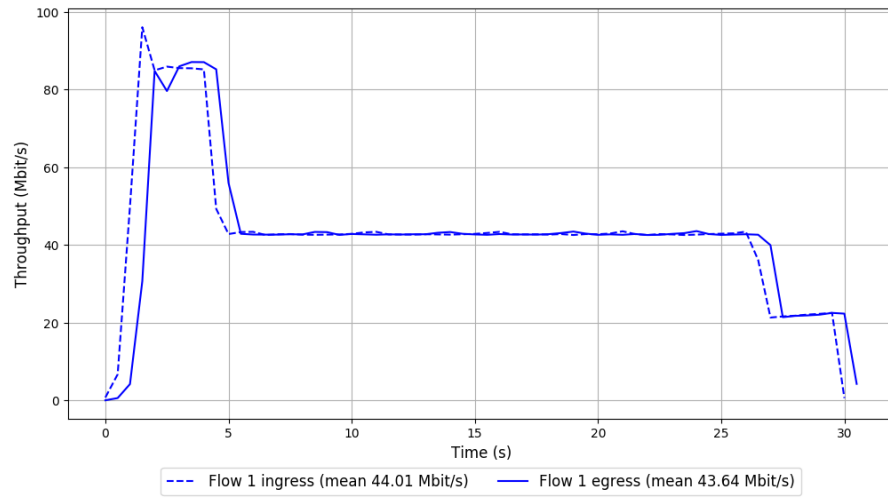
-- Flow 1:

Average throughput: 43.64 Mbit/s

95th percentile per-packet one-way delay: 86.780 ms

Loss rate: 0.83%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-02-19 20:33:28

End at: 2019-02-19 20:33:58

Local clock offset: -4.483 ms

Remote clock offset: 0.411 ms

Below is generated by plot.py at 2019-02-19 22:00:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.31 Mbit/s

95th percentile per-packet one-way delay: 85.758 ms

Loss rate: 0.40%

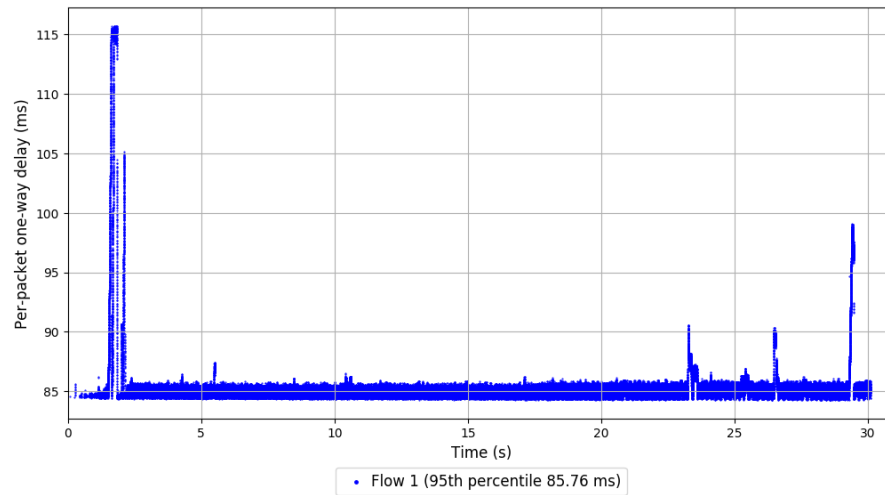
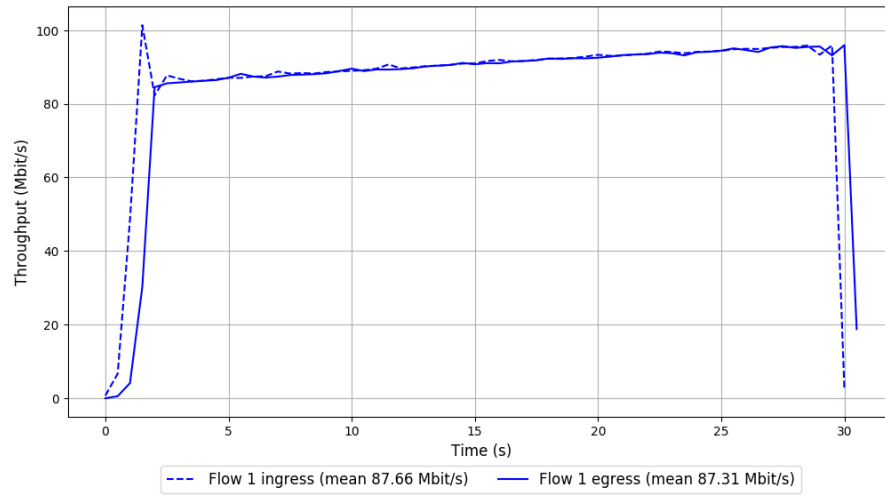
-- Flow 1:

Average throughput: 87.31 Mbit/s

95th percentile per-packet one-way delay: 85.758 ms

Loss rate: 0.40%

Run 2: Report of TCP Vegas — Data Link

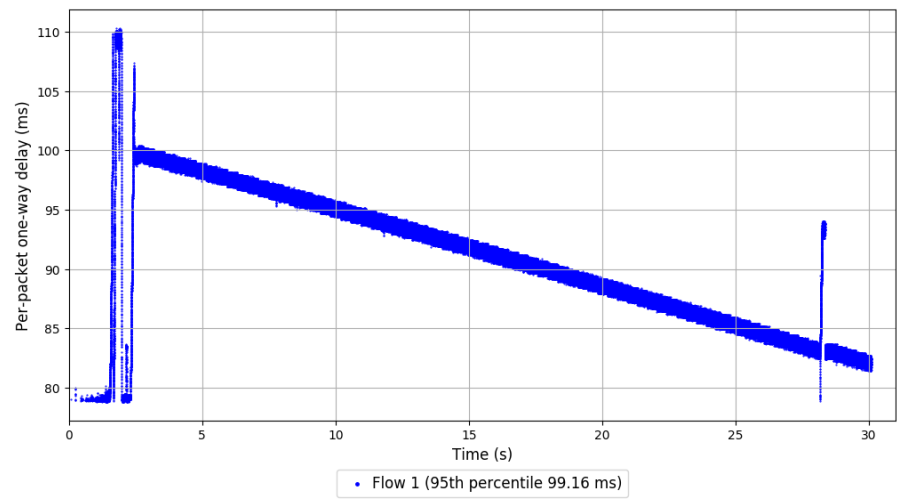
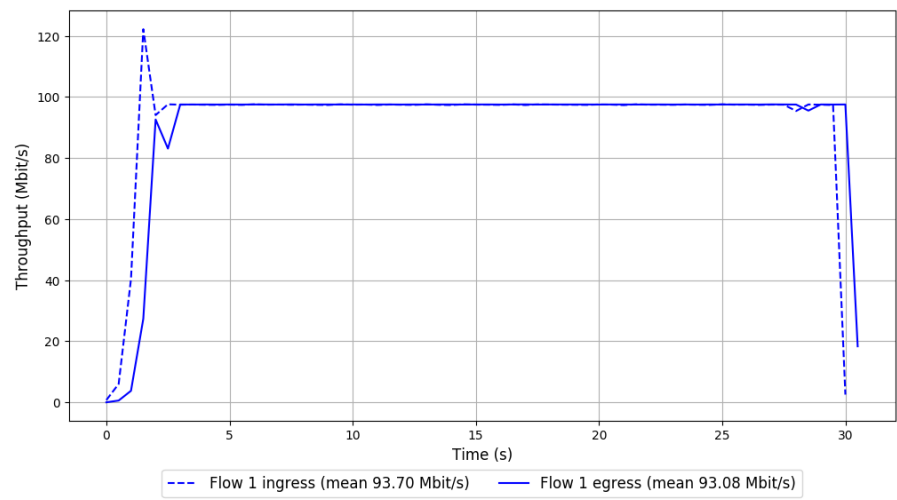


Run 3: Statistics of TCP Vegas

Start at: 2019-02-19 20:58:04
End at: 2019-02-19 20:58:34
Local clock offset: -5.494 ms
Remote clock offset: -4.63 ms

Below is generated by plot.py at 2019-02-19 22:00:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.08 Mbit/s
95th percentile per-packet one-way delay: 99.162 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 93.08 Mbit/s
95th percentile per-packet one-way delay: 99.162 ms
Loss rate: 0.65%

Run 3: Report of TCP Vegas — Data Link

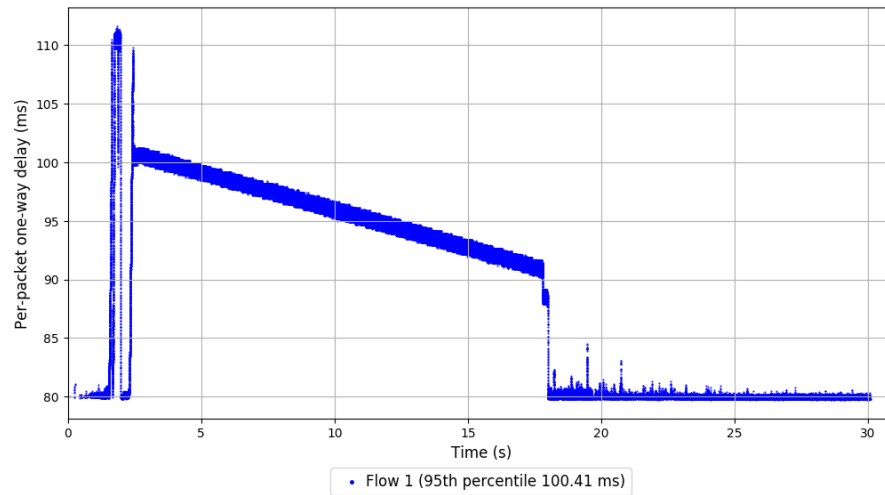
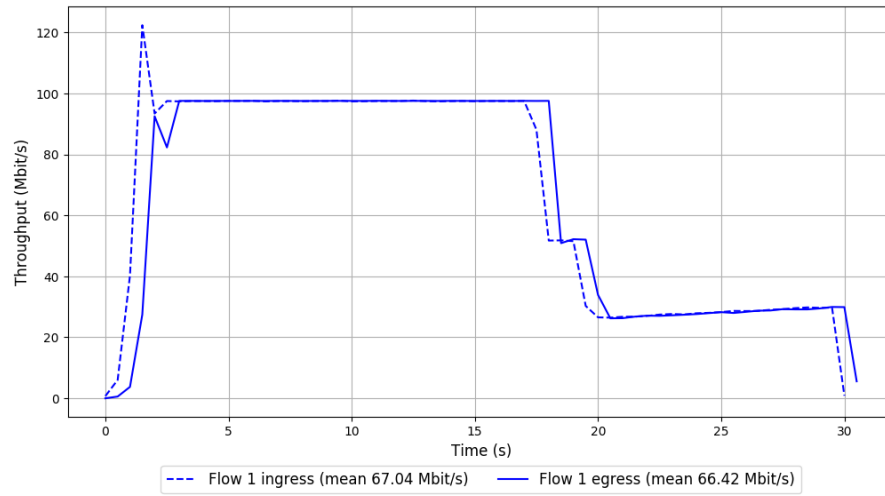


Run 4: Statistics of TCP Vegas

Start at: 2019-02-19 21:22:41
End at: 2019-02-19 21:23:11
Local clock offset: -12.82 ms
Remote clock offset: -0.113 ms

Below is generated by plot.py at 2019-02-19 22:00:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.42 Mbit/s
95th percentile per-packet one-way delay: 100.405 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 66.42 Mbit/s
95th percentile per-packet one-way delay: 100.405 ms
Loss rate: 0.92%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-02-19 21:47:16

End at: 2019-02-19 21:47:46

Local clock offset: -8.326 ms

Remote clock offset: 6.562 ms

Below is generated by plot.py at 2019-02-19 22:00:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.64 Mbit/s

95th percentile per-packet one-way delay: 84.223 ms

Loss rate: 0.01%

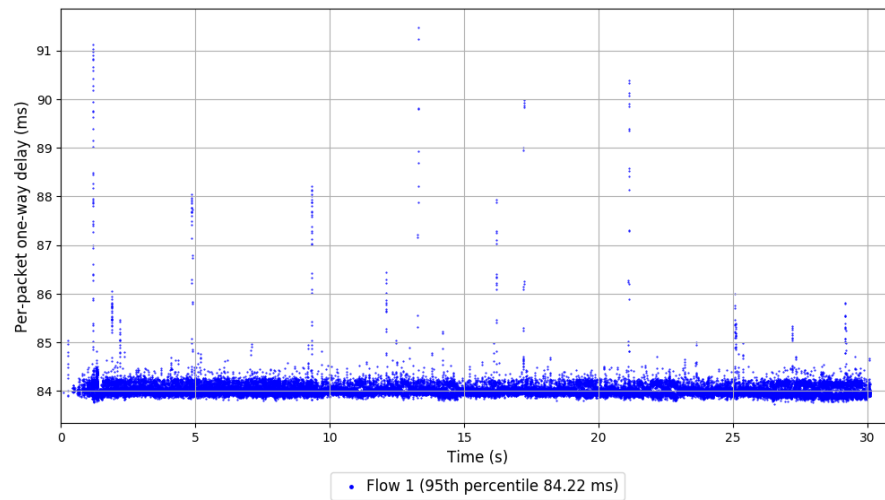
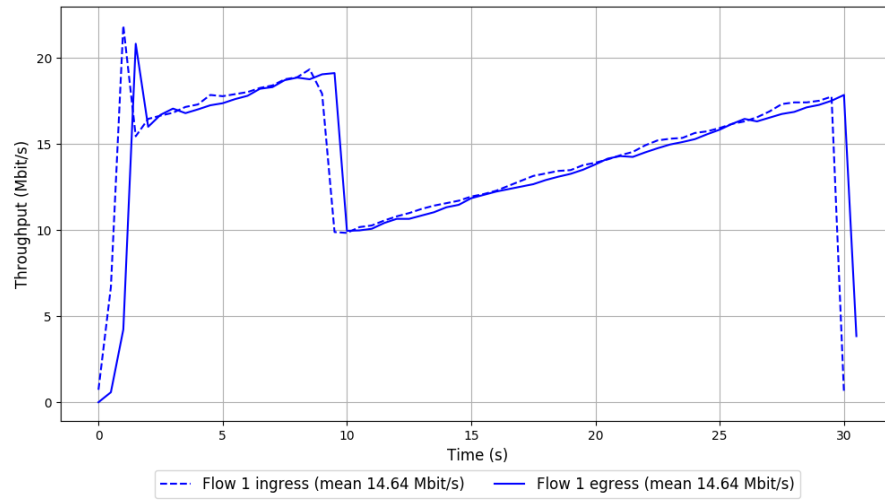
-- Flow 1:

Average throughput: 14.64 Mbit/s

95th percentile per-packet one-way delay: 84.223 ms

Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link

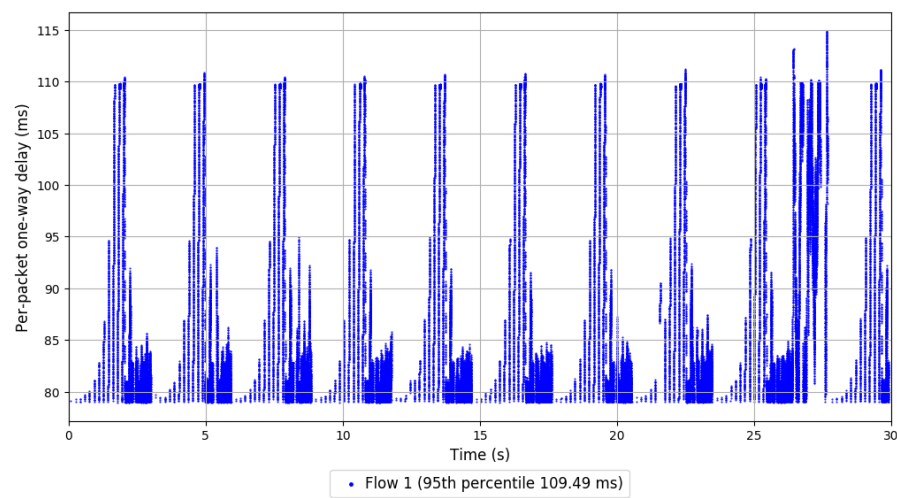
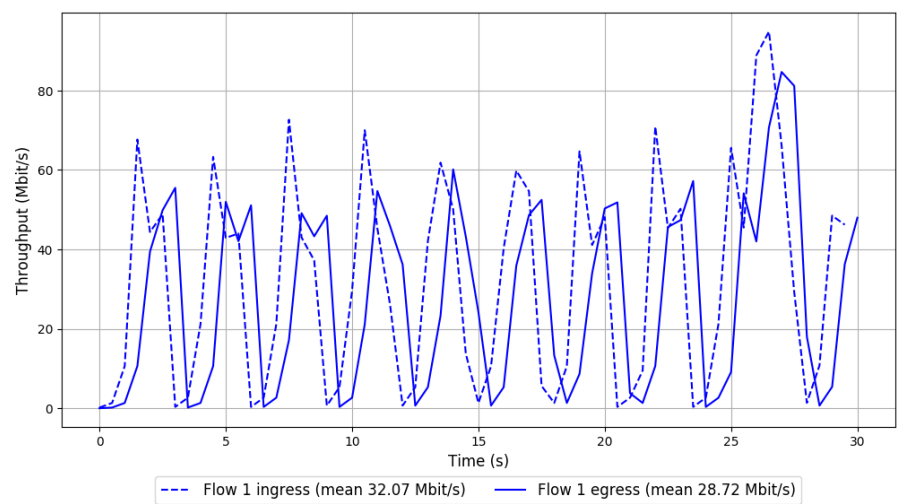


Run 1: Statistics of Verus

Start at: 2019-02-19 19:50:02
End at: 2019-02-19 19:50:32
Local clock offset: -4.827 ms
Remote clock offset: -5.381 ms

Below is generated by plot.py at 2019-02-19 22:00:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.72 Mbit/s
95th percentile per-packet one-way delay: 109.492 ms
Loss rate: 10.42%
-- Flow 1:
Average throughput: 28.72 Mbit/s
95th percentile per-packet one-way delay: 109.492 ms
Loss rate: 10.42%

Run 1: Report of Verus — Data Link

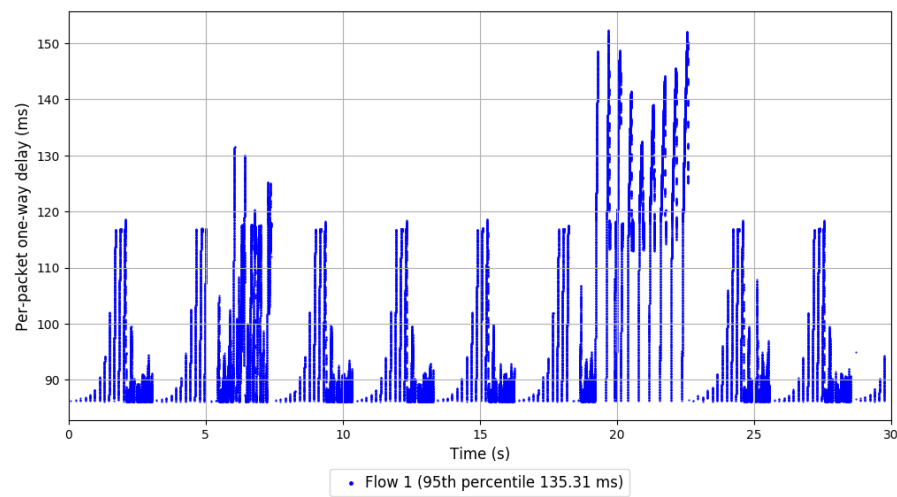
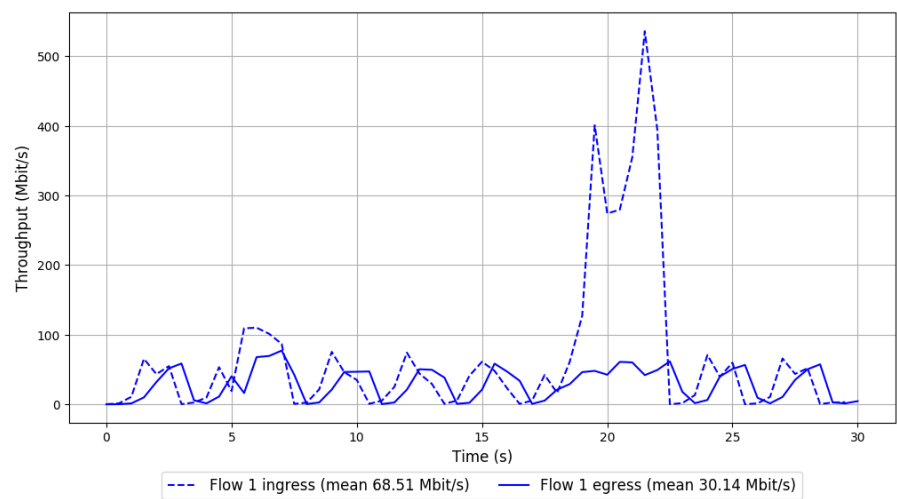


Run 2: Statistics of Verus

Start at: 2019-02-19 20:14:37
End at: 2019-02-19 20:15:07
Local clock offset: -5.059 ms
Remote clock offset: 0.546 ms

Below is generated by plot.py at 2019-02-19 22:00:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 135.310 ms
Loss rate: 55.99%
-- Flow 1:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 135.310 ms
Loss rate: 55.99%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-02-19 20:39:14

End at: 2019-02-19 20:39:44

Local clock offset: -5.797 ms

Remote clock offset: -5.28 ms

Below is generated by plot.py at 2019-02-19 22:00:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.16 Mbit/s

95th percentile per-packet one-way delay: 109.049 ms

Loss rate: 9.02%

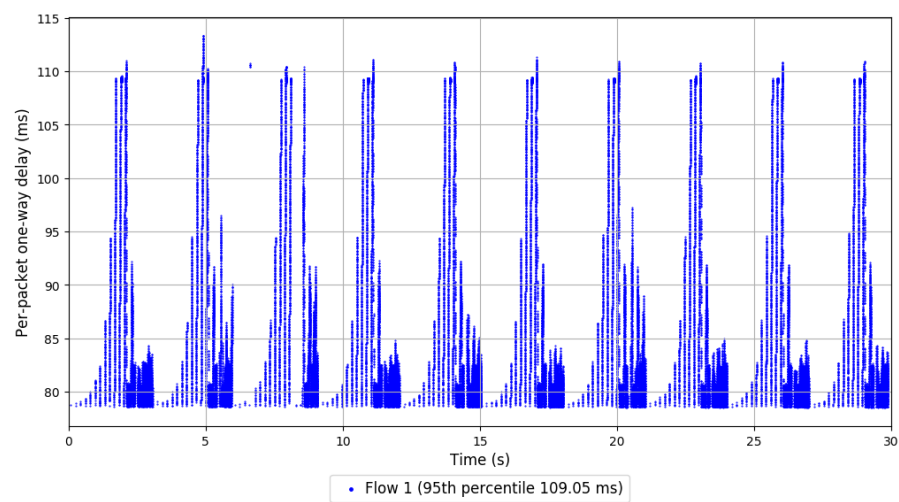
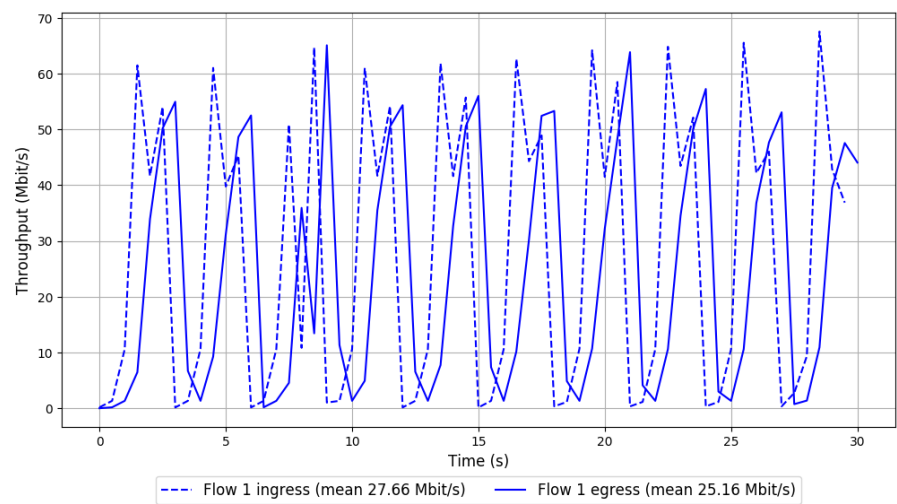
-- Flow 1:

Average throughput: 25.16 Mbit/s

95th percentile per-packet one-way delay: 109.049 ms

Loss rate: 9.02%

Run 3: Report of Verus — Data Link

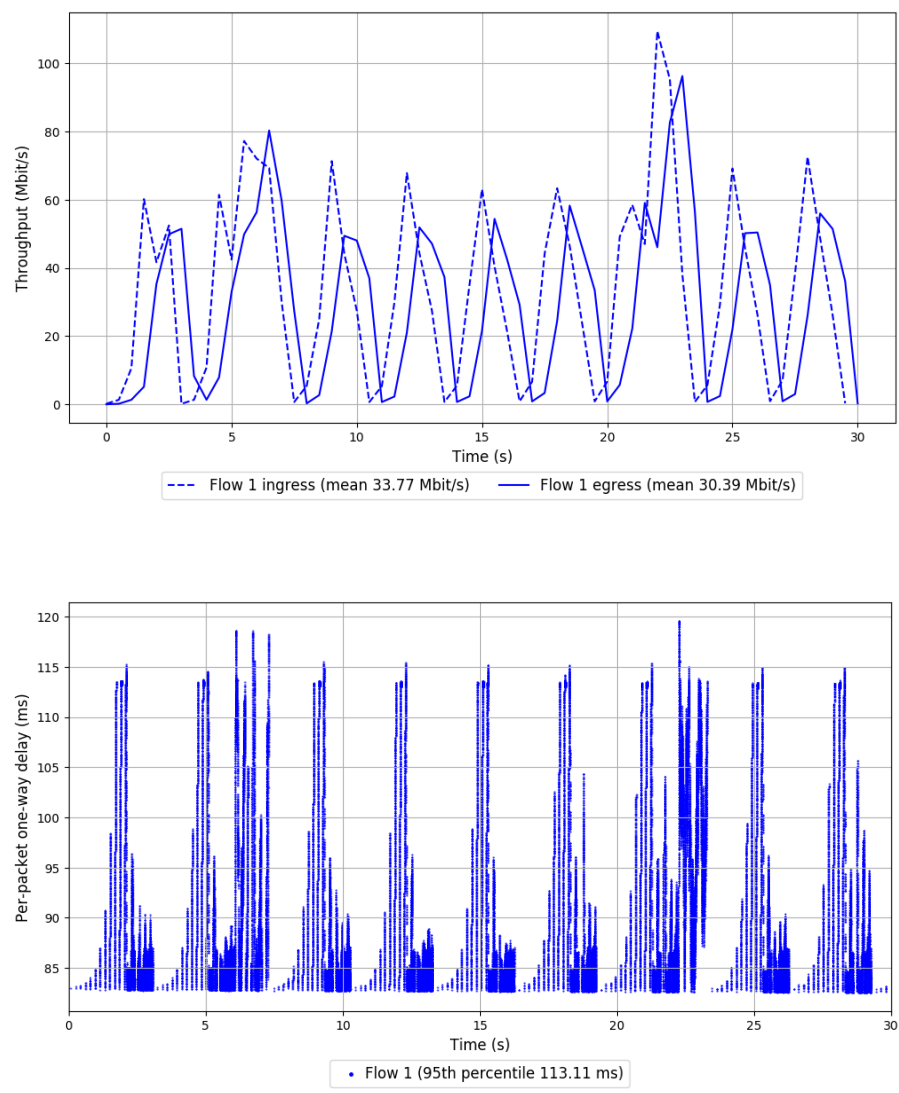


Run 4: Statistics of Verus

Start at: 2019-02-19 21:03:50
End at: 2019-02-19 21:04:20
Local clock offset: -8.234 ms
Remote clock offset: -0.631 ms

Below is generated by plot.py at 2019-02-19 22:00:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.39 Mbit/s
95th percentile per-packet one-way delay: 113.113 ms
Loss rate: 10.00%
-- Flow 1:
Average throughput: 30.39 Mbit/s
95th percentile per-packet one-way delay: 113.113 ms
Loss rate: 10.00%

Run 4: Report of Verus — Data Link

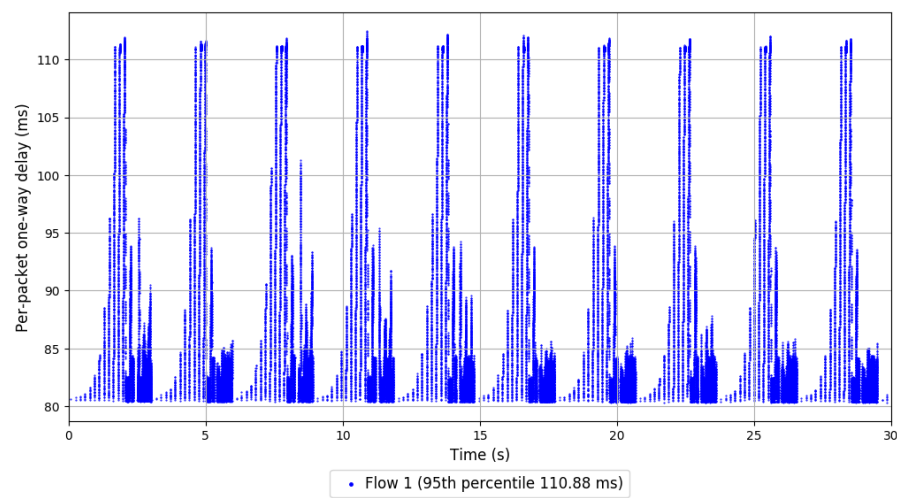
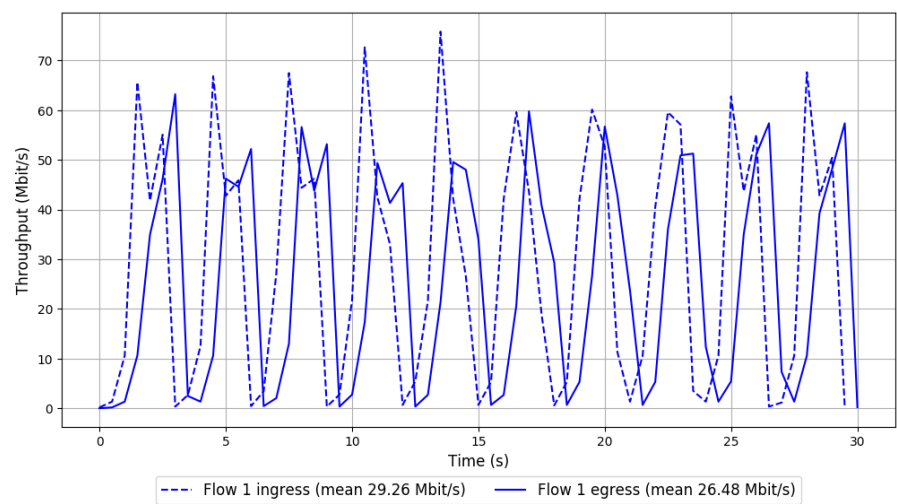


Run 5: Statistics of Verus

Start at: 2019-02-19 21:28:27
End at: 2019-02-19 21:28:57
Local clock offset: -13.128 ms
Remote clock offset: -0.773 ms

Below is generated by plot.py at 2019-02-19 22:00:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.48 Mbit/s
95th percentile per-packet one-way delay: 110.877 ms
Loss rate: 9.51%
-- Flow 1:
Average throughput: 26.48 Mbit/s
95th percentile per-packet one-way delay: 110.877 ms
Loss rate: 9.51%

Run 5: Report of Verus — Data Link

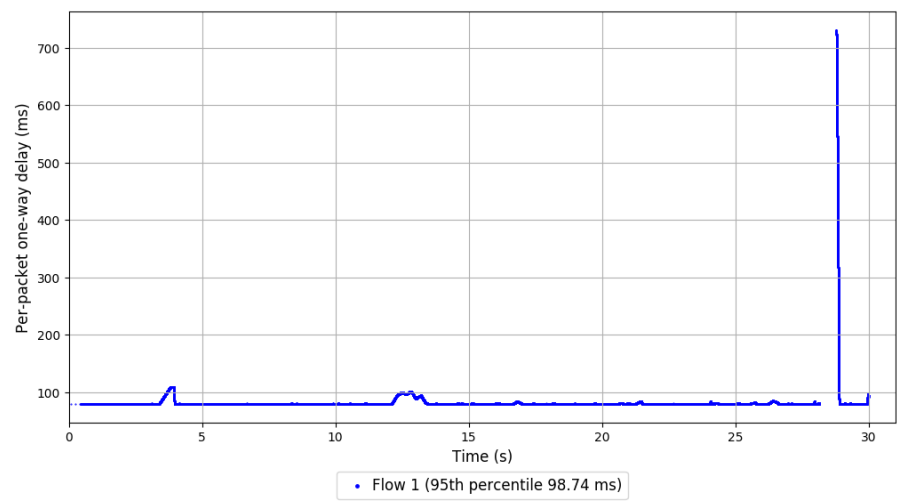
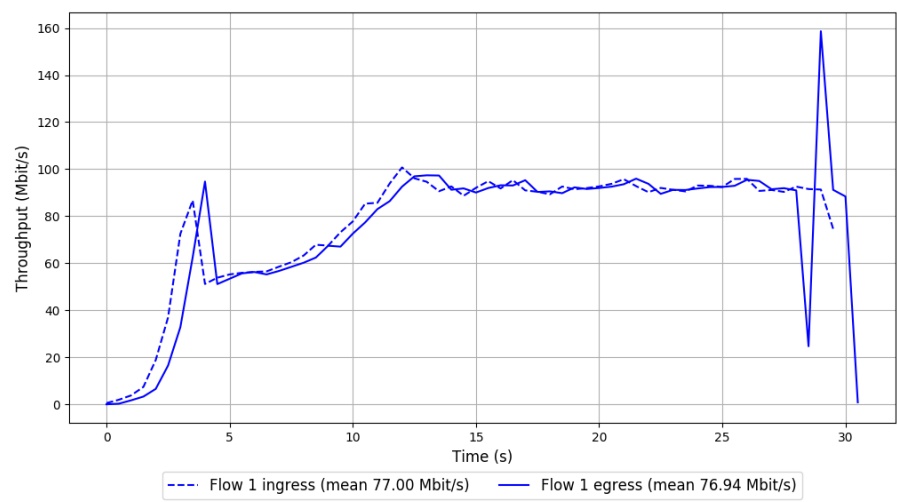


Run 1: Statistics of PCC-Vivace

Start at: 2019-02-19 20:07:40
End at: 2019-02-19 20:08:10
Local clock offset: -5.124 ms
Remote clock offset: -5.566 ms

Below is generated by plot.py at 2019-02-19 22:00:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.94 Mbit/s
95th percentile per-packet one-way delay: 98.742 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 76.94 Mbit/s
95th percentile per-packet one-way delay: 98.742 ms
Loss rate: 0.04%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-02-19 20:32:16

End at: 2019-02-19 20:32:46

Local clock offset: -4.058 ms

Remote clock offset: 1.61 ms

Below is generated by plot.py at 2019-02-19 22:00:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.13 Mbit/s

95th percentile per-packet one-way delay: 98.339 ms

Loss rate: 0.04%

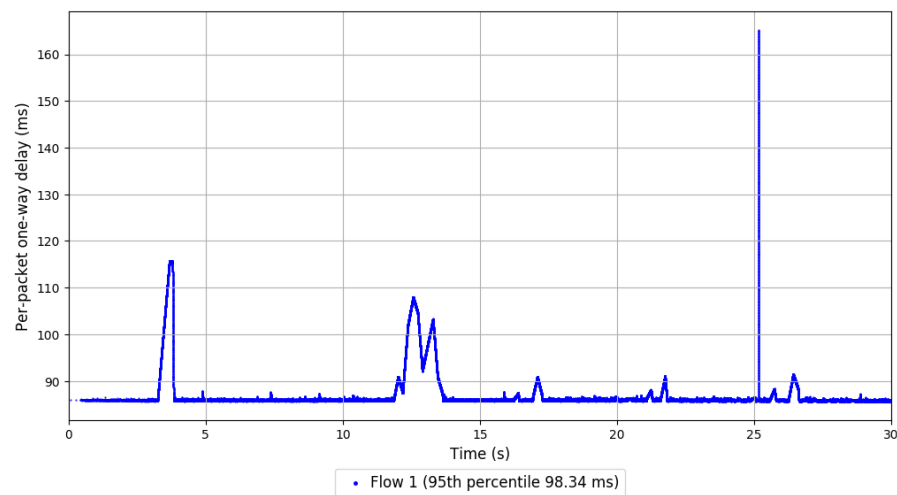
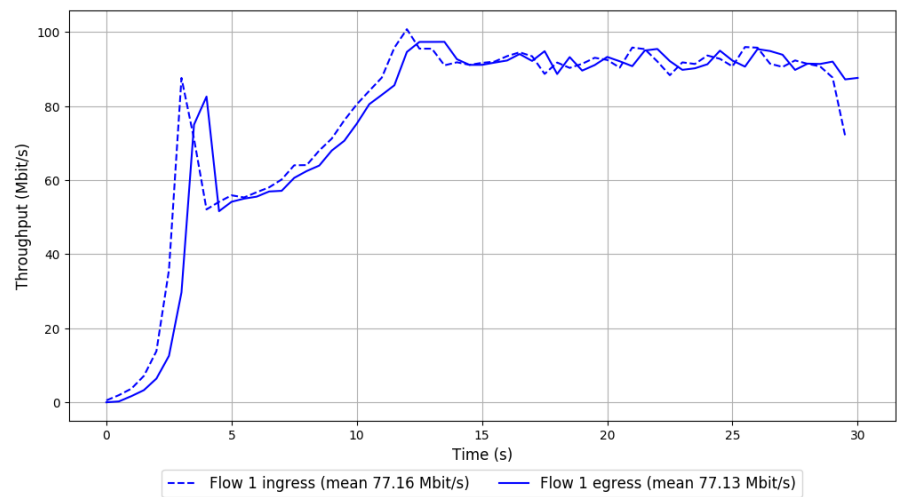
-- Flow 1:

Average throughput: 77.13 Mbit/s

95th percentile per-packet one-way delay: 98.339 ms

Loss rate: 0.04%

Run 2: Report of PCC-Vivace — Data Link

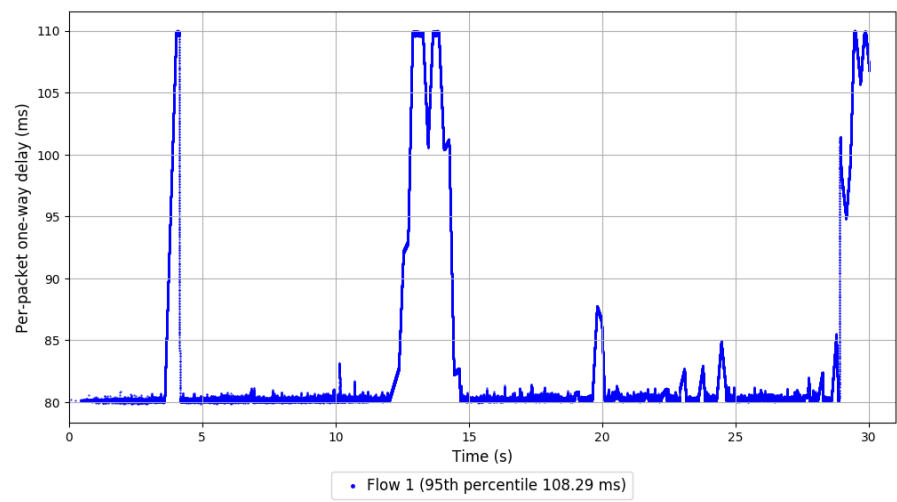
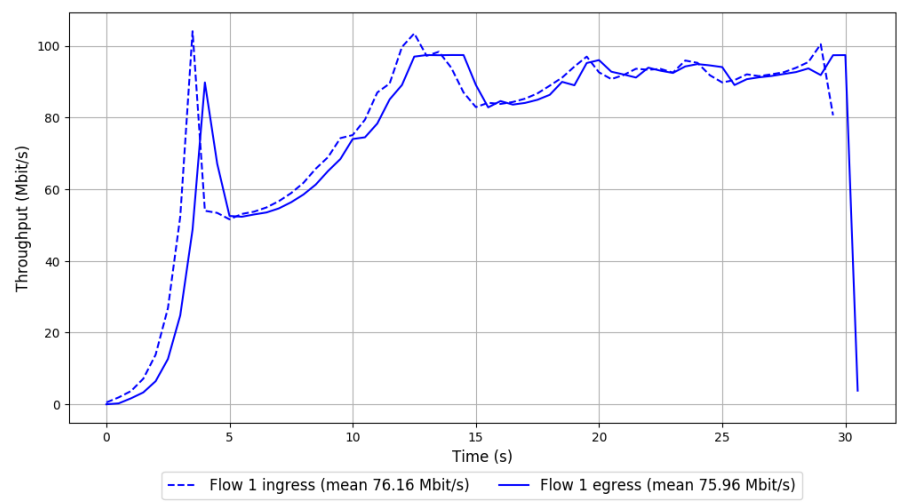


Run 3: Statistics of PCC-Vivace

Start at: 2019-02-19 20:56:52
End at: 2019-02-19 20:57:22
Local clock offset: -5.583 ms
Remote clock offset: -3.432 ms

Below is generated by plot.py at 2019-02-19 22:00:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.96 Mbit/s
95th percentile per-packet one-way delay: 108.292 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 75.96 Mbit/s
95th percentile per-packet one-way delay: 108.292 ms
Loss rate: 0.18%

Run 3: Report of PCC-Vivace — Data Link

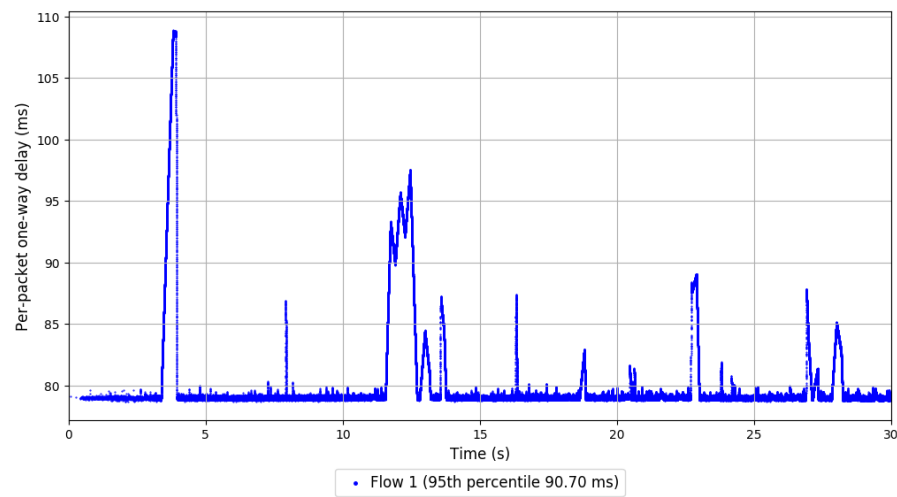
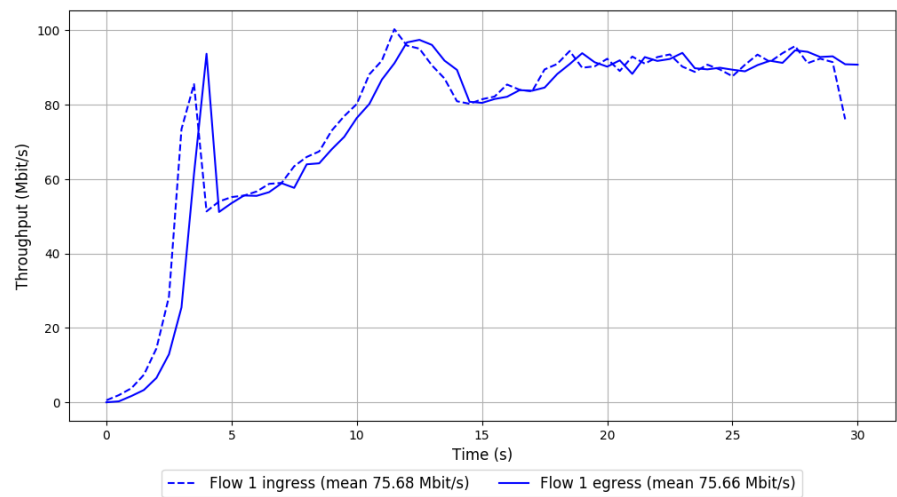


Run 4: Statistics of PCC-Vivace

Start at: 2019-02-19 21:21:29
End at: 2019-02-19 21:21:59
Local clock offset: -12.66 ms
Remote clock offset: -1.381 ms

Below is generated by plot.py at 2019-02-19 22:00:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.66 Mbit/s
95th percentile per-packet one-way delay: 90.704 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 75.66 Mbit/s
95th percentile per-packet one-way delay: 90.704 ms
Loss rate: 0.04%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-02-19 21:46:04

End at: 2019-02-19 21:46:34

Local clock offset: -8.53 ms

Remote clock offset: 1.448 ms

Below is generated by plot.py at 2019-02-19 22:00:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.50 Mbit/s

95th percentile per-packet one-way delay: 88.808 ms

Loss rate: 0.04%

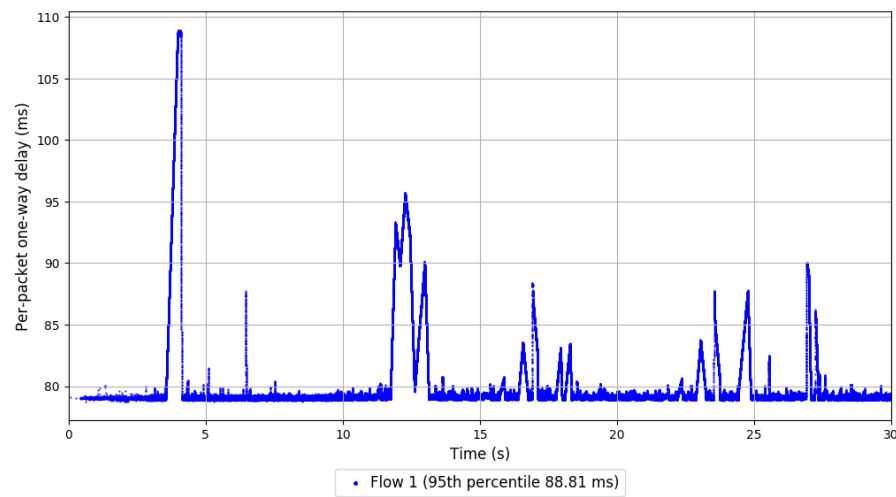
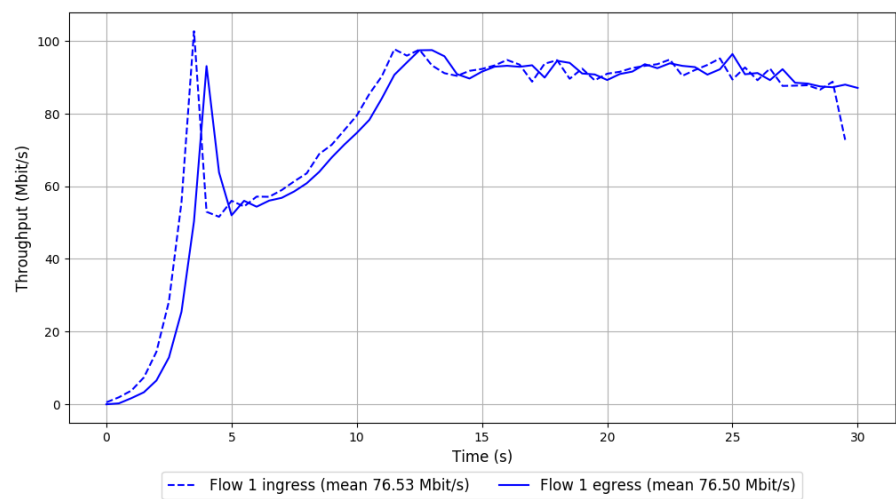
-- Flow 1:

Average throughput: 76.50 Mbit/s

95th percentile per-packet one-way delay: 88.808 ms

Loss rate: 0.04%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-02-19 20:10:03

End at: 2019-02-19 20:10:33

Local clock offset: -5.265 ms

Remote clock offset: -0.48 ms

Below is generated by plot.py at 2019-02-19 22:00:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 84.847 ms

Loss rate: 0.00%

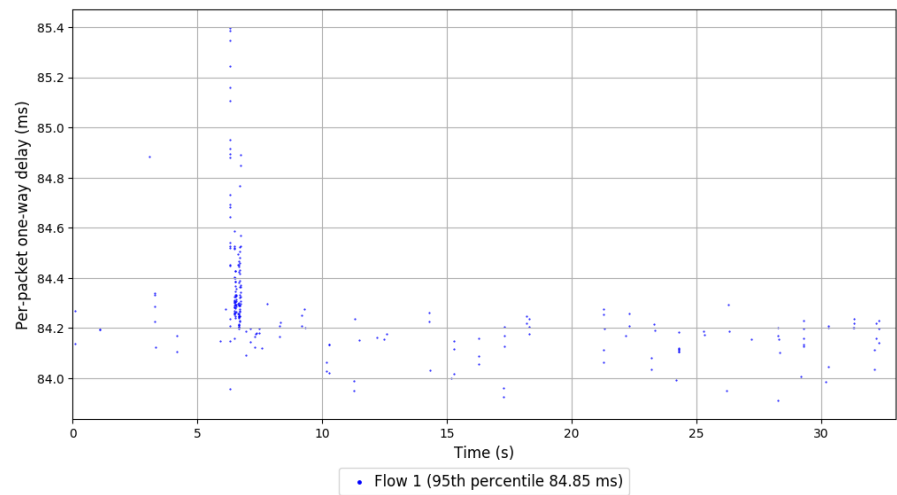
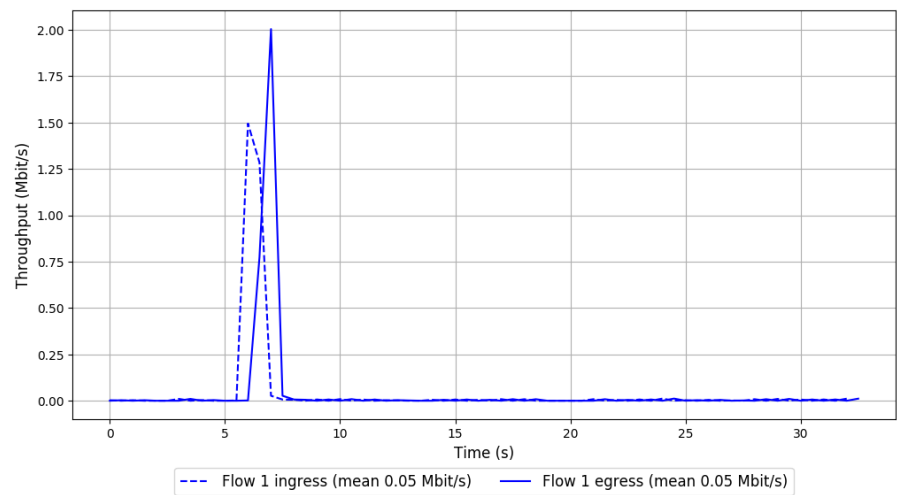
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 84.847 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-02-19 20:34:40

End at: 2019-02-19 20:35:10

Local clock offset: -4.82 ms

Remote clock offset: 1.165 ms

Below is generated by plot.py at 2019-02-19 22:00:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.695 ms

Loss rate: 0.00%

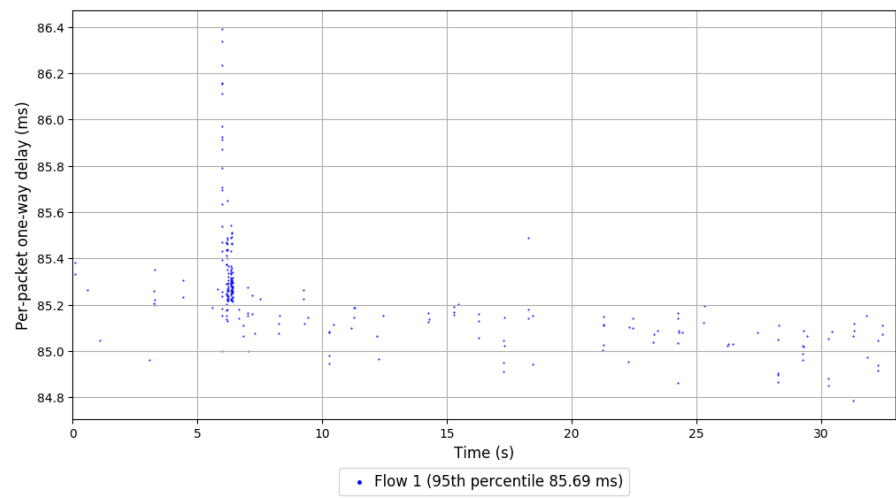
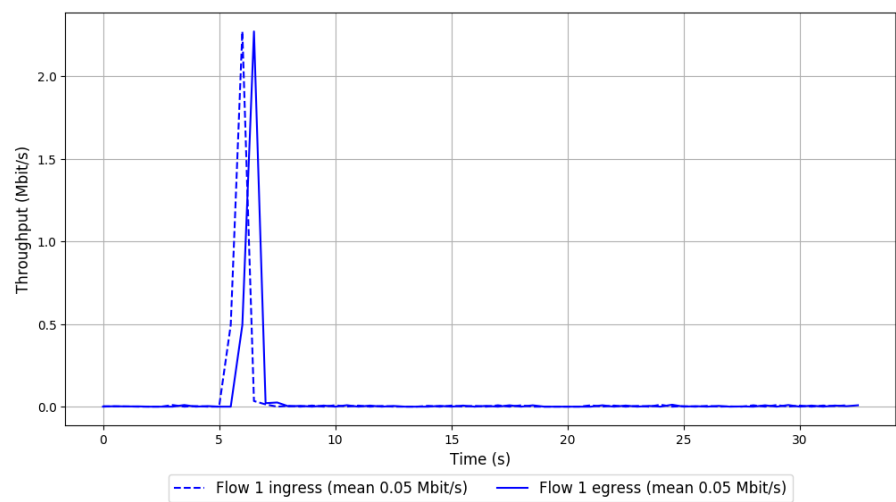
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.695 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

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

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

Local clock offset: -5.403 ms

Remote clock offset: 0.338 ms

Below is generated by plot.py at 2019-02-19 22:00:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 84.420 ms

Loss rate: 0.00%

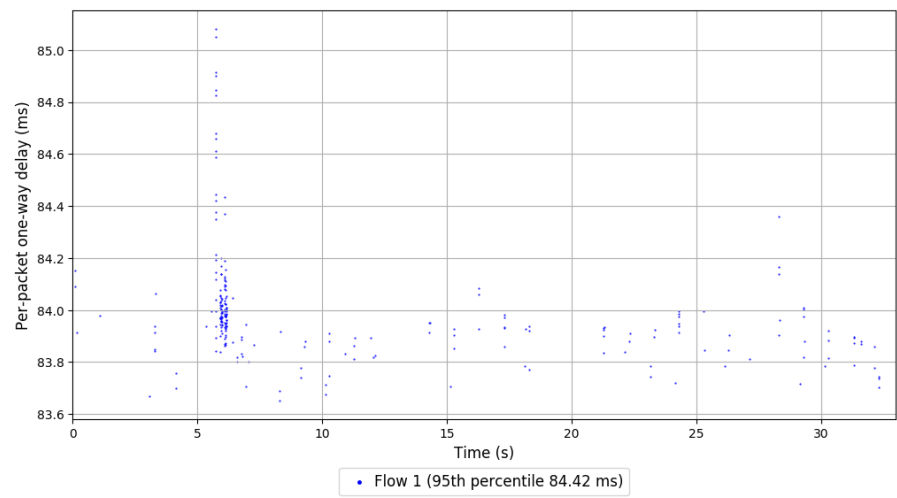
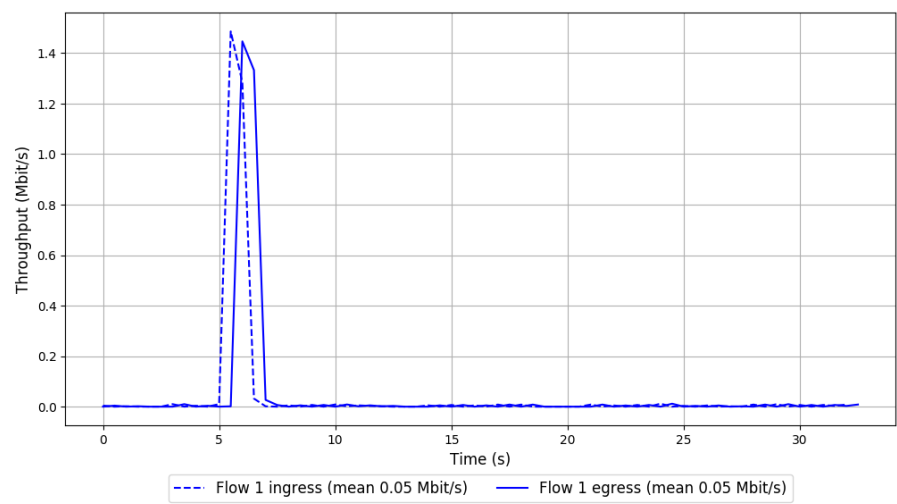
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 84.420 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

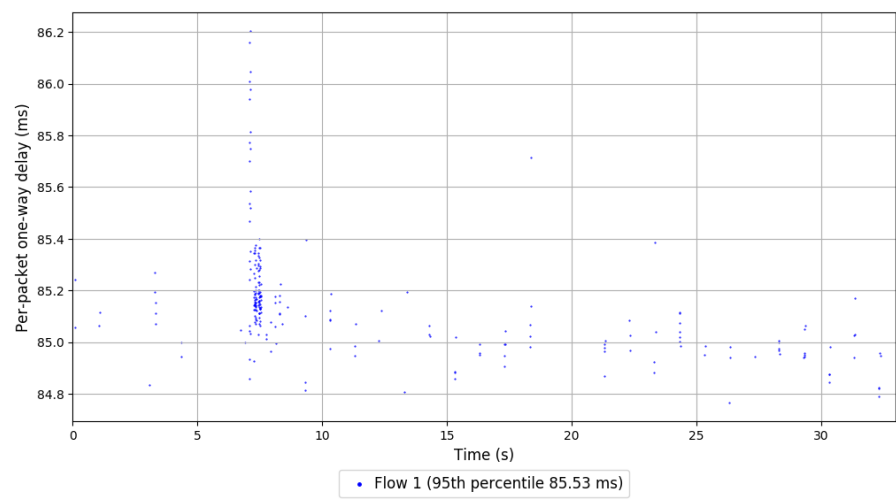
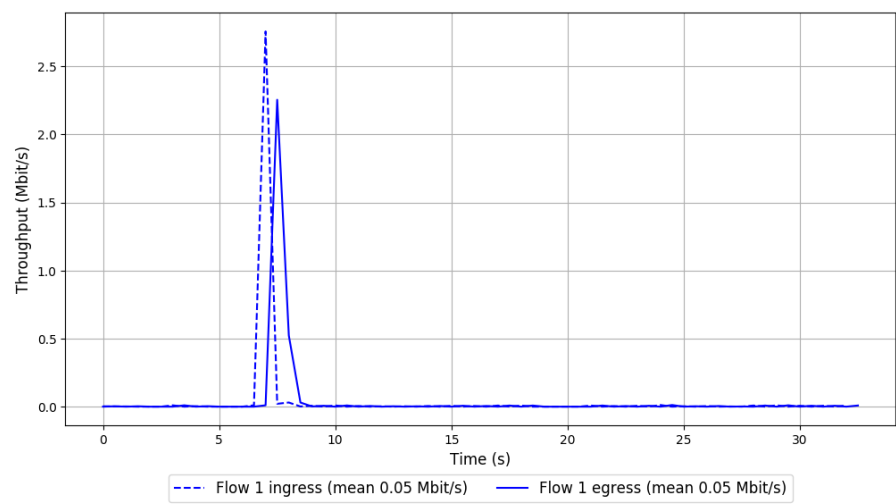


Run 4: Statistics of WebRTC media

Start at: 2019-02-19 21:23:52
End at: 2019-02-19 21:24:22
Local clock offset: -12.888 ms
Remote clock offset: 4.983 ms

Below is generated by plot.py at 2019-02-19 22:00:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 85.535 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 85.535 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-02-19 21:48:30

End at: 2019-02-19 21:49:00

Local clock offset: -8.166 ms

Remote clock offset: 3.175 ms

Below is generated by plot.py at 2019-02-19 22:00:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 80.463 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 80.463 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

