

Pantheon Report

Generated at 2018-08-02 06:57:33 (UTC).

Data path: GCE Iowa Ethernet (*local*) → GCE Tokyo Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

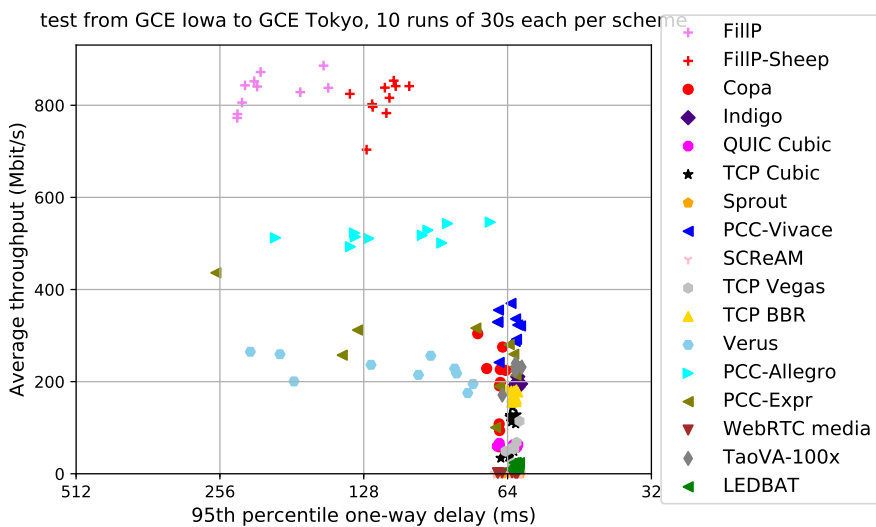
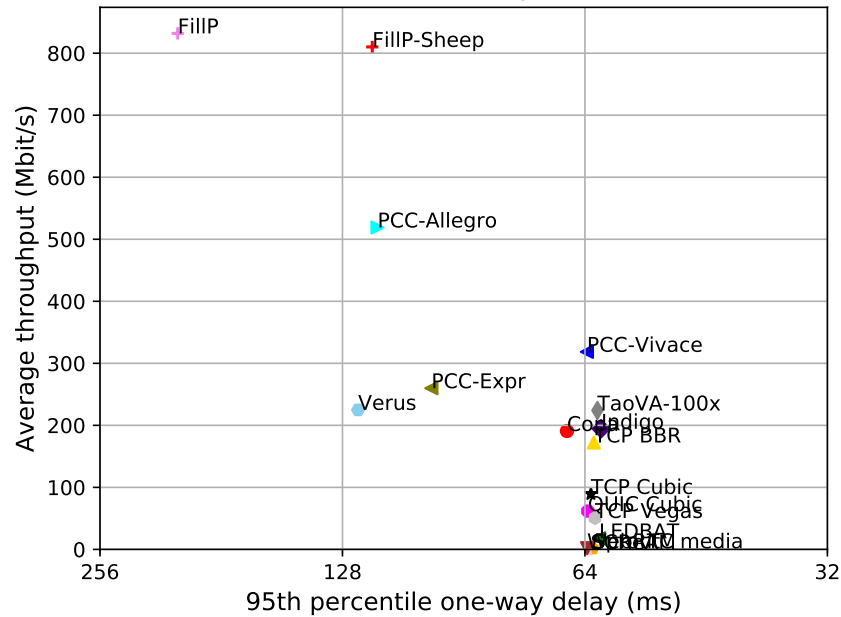
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf5e58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
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-quirk @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from GCE Iowa to GCE Tokyo, 10 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	10	172.34	62.40	0.00
Copa	10	190.87	67.38	0.01
TCP Cubic	10	89.37	62.92	0.01
FillP	10	831.94	205.00	1.52
FillP-Sheep	10	810.09	117.55	0.15
Indigo	10	194.51	61.11	0.00
LEDBAT	10	17.87	61.48	0.00
PCC-Allegro	10	519.00	115.80	0.54
PCC-Expr	10	259.88	99.28	1.45
QUIC Cubic	8	61.76	63.47	0.00
SCReAM	10	0.22	62.97	0.01
Sprout	10	1.68	62.61	0.00
TaoVA-100x	8	223.99	61.77	0.00
TCP Vegas	10	50.67	62.18	0.00
Verus	10	224.91	122.41	0.10
PCC-Vivace	10	318.52	63.65	0.00
WebRTC media	10	1.87	63.62	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-08-02 01:12:49

End at: 2018-08-02 01:13:19

Local clock offset: -0.122 ms

Remote clock offset: 0.161 ms

Below is generated by plot.py at 2018-08-02 05:01:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.70 Mbit/s

95th percentile per-packet one-way delay: 62.064 ms

Loss rate: 0.00%

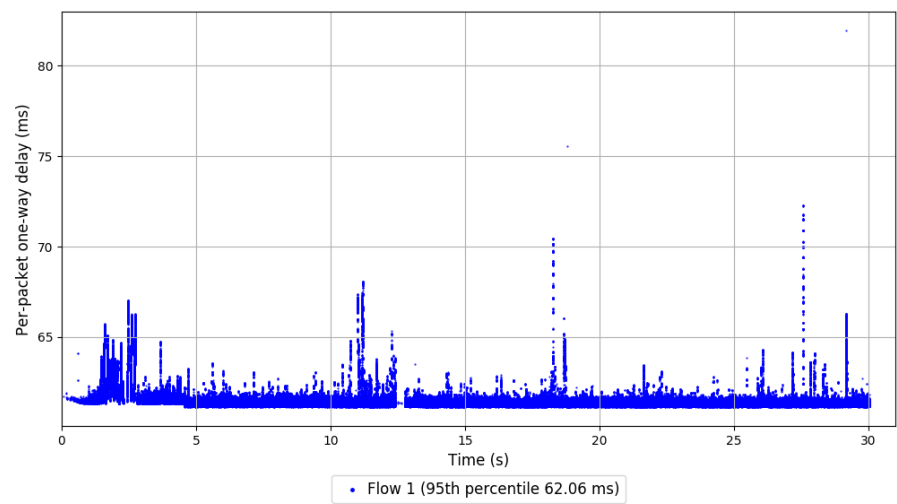
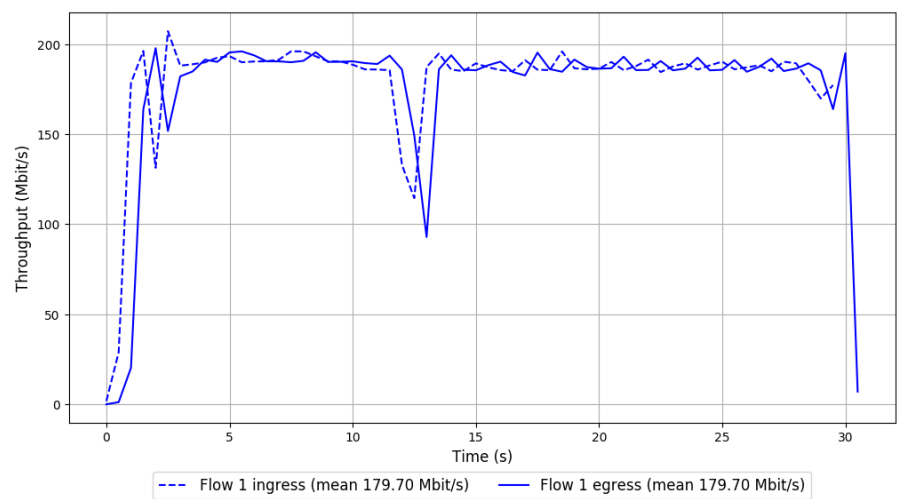
-- Flow 1:

Average throughput: 179.70 Mbit/s

95th percentile per-packet one-way delay: 62.064 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-08-02 01:34:52

End at: 2018-08-02 01:35:22

Local clock offset: -0.126 ms

Remote clock offset: 1.203 ms

Below is generated by plot.py at 2018-08-02 05:01:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 155.38 Mbit/s

95th percentile per-packet one-way delay: 62.735 ms

Loss rate: 0.01%

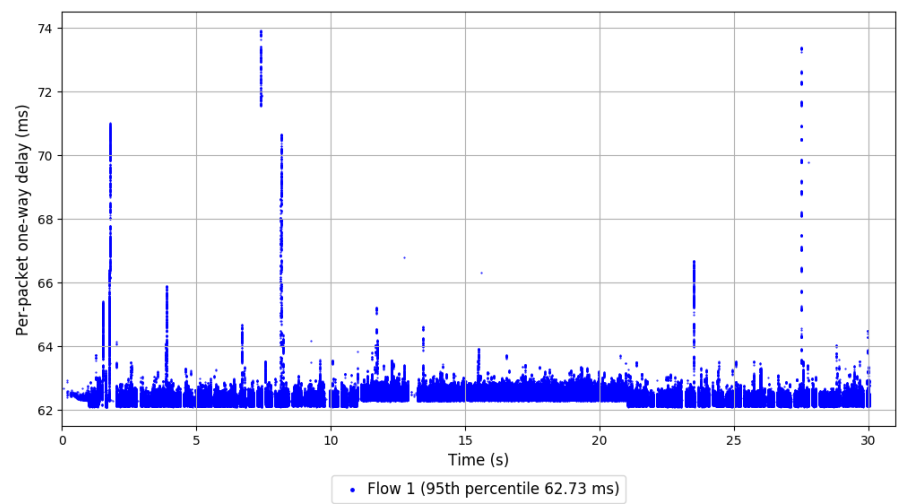
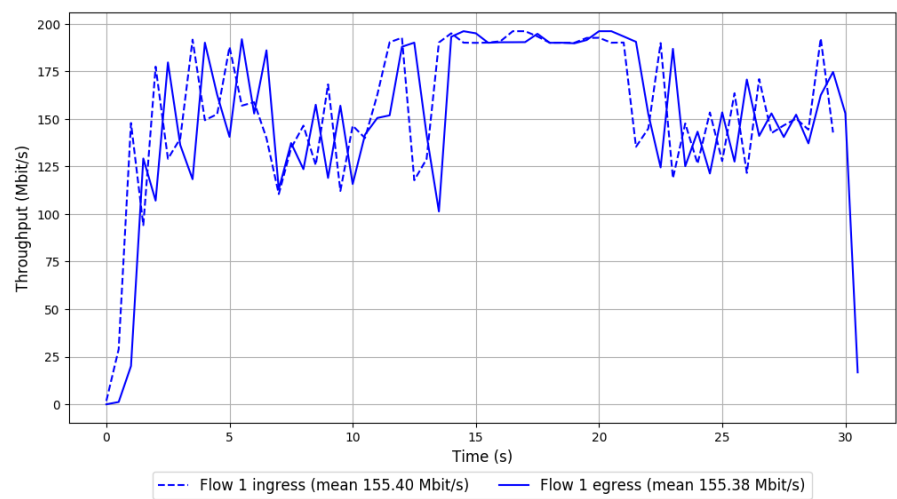
-- Flow 1:

Average throughput: 155.38 Mbit/s

95th percentile per-packet one-way delay: 62.735 ms

Loss rate: 0.01%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-08-02 01:57:05

End at: 2018-08-02 01:57:35

Local clock offset: -0.126 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2018-08-02 05:01:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 166.20 Mbit/s

95th percentile per-packet one-way delay: 62.724 ms

Loss rate: 0.00%

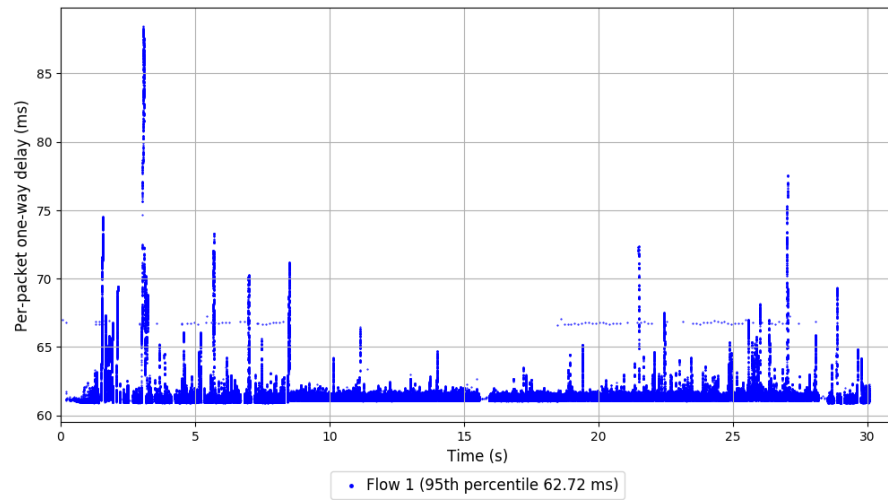
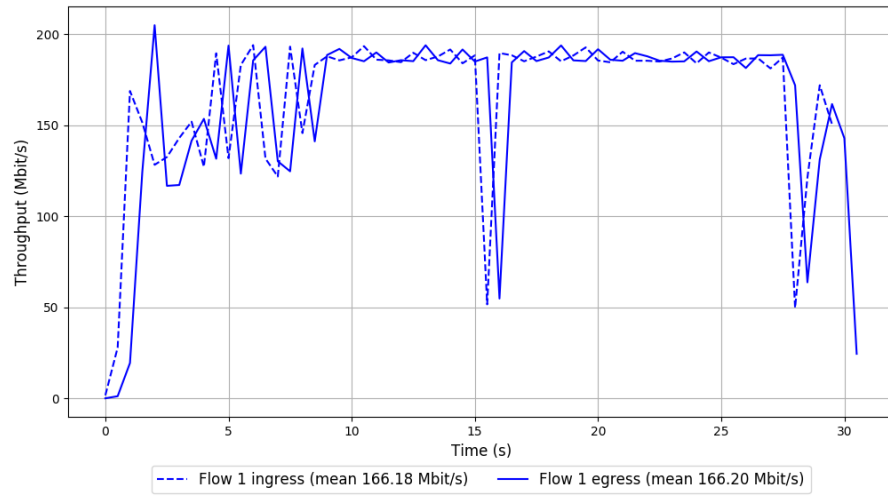
-- Flow 1:

Average throughput: 166.20 Mbit/s

95th percentile per-packet one-way delay: 62.724 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

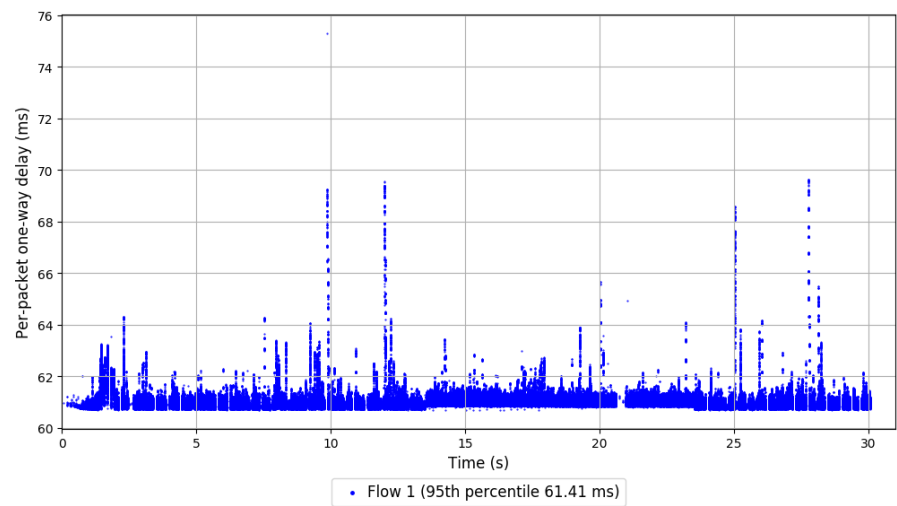
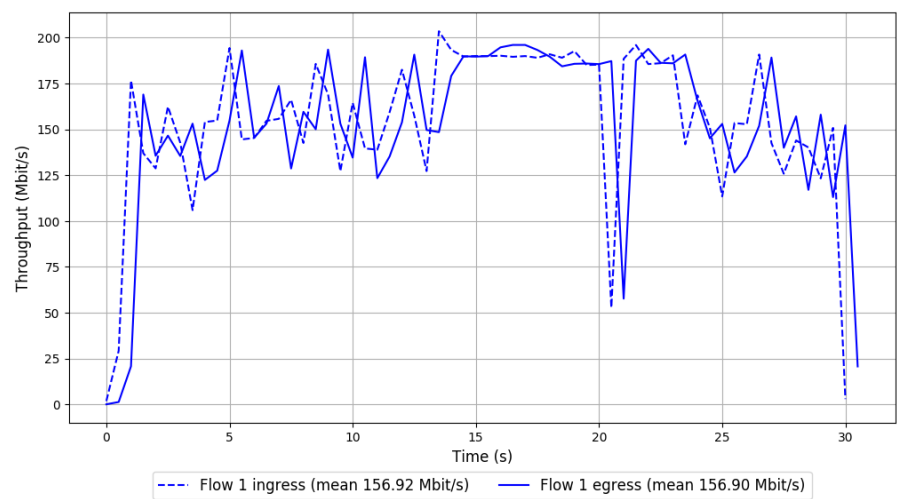


Run 4: Statistics of TCP BBR

Start at: 2018-08-02 02:18:50
End at: 2018-08-02 02:19:20
Local clock offset: -0.143 ms
Remote clock offset: -0.188 ms

Below is generated by plot.py at 2018-08-02 05:01:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 156.90 Mbit/s
95th percentile per-packet one-way delay: 61.409 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 156.90 Mbit/s
95th percentile per-packet one-way delay: 61.409 ms
Loss rate: 0.01%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-08-02 02:40:43

End at: 2018-08-02 02:41:14

Local clock offset: -0.206 ms

Remote clock offset: 1.122 ms

Below is generated by plot.py at 2018-08-02 05:01:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.65 Mbit/s

95th percentile per-packet one-way delay: 62.847 ms

Loss rate: 0.00%

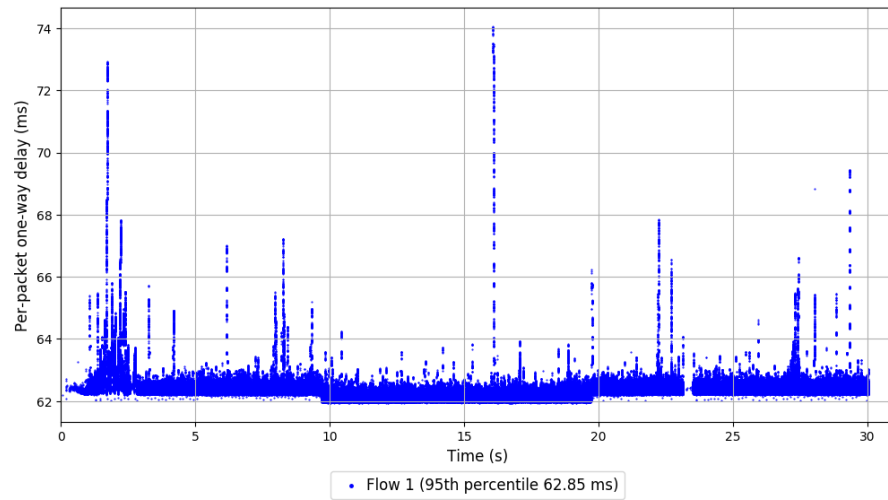
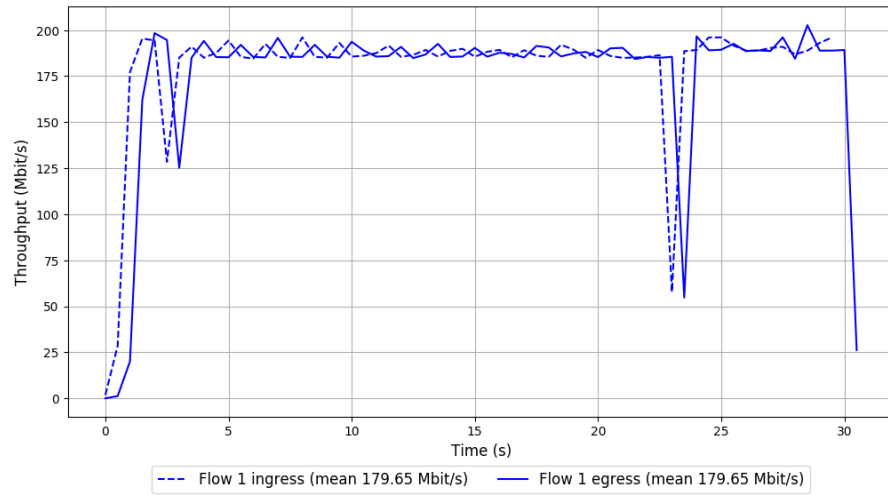
-- Flow 1:

Average throughput: 179.65 Mbit/s

95th percentile per-packet one-way delay: 62.847 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-08-02 03:03:21

End at: 2018-08-02 03:03:52

Local clock offset: -0.21 ms

Remote clock offset: 0.018 ms

Below is generated by plot.py at 2018-08-02 05:01:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.71 Mbit/s

95th percentile per-packet one-way delay: 64.683 ms

Loss rate: 0.00%

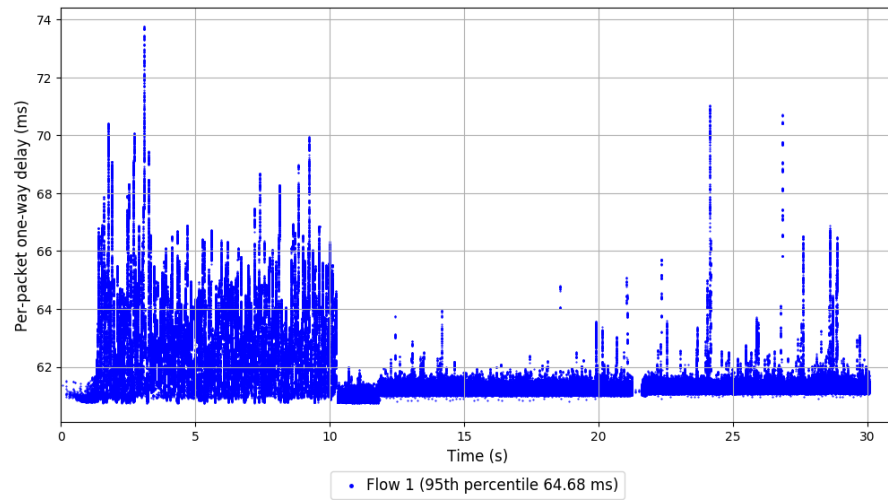
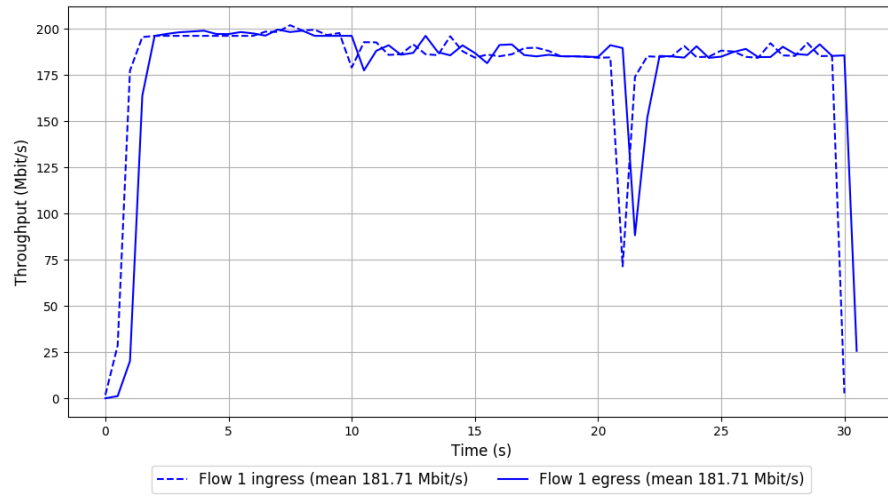
-- Flow 1:

Average throughput: 181.71 Mbit/s

95th percentile per-packet one-way delay: 64.683 ms

Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

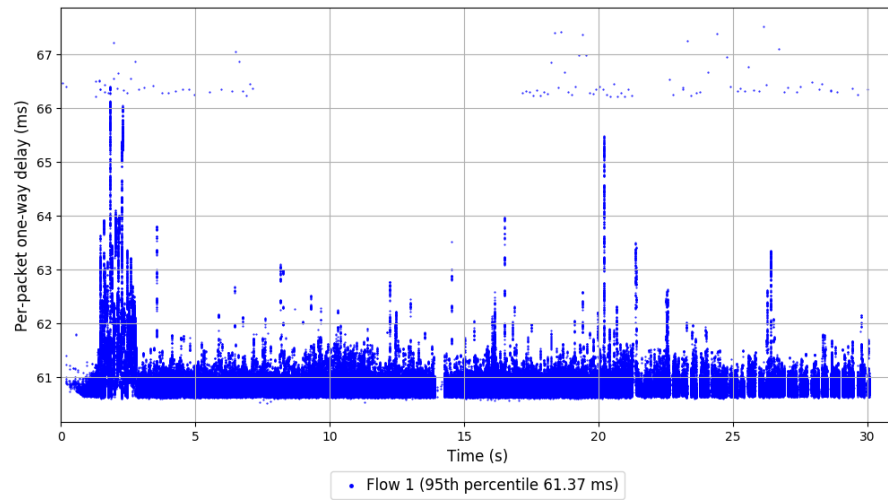
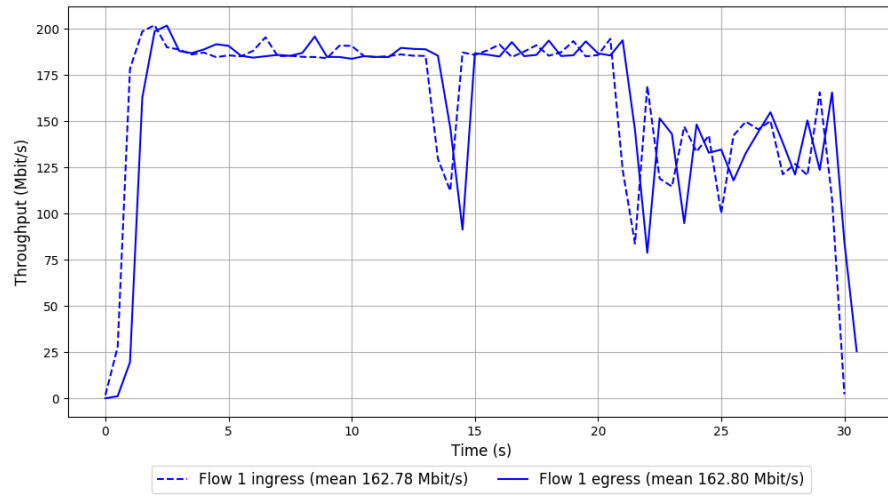


Run 7: Statistics of TCP BBR

Start at: 2018-08-02 03:25:12
End at: 2018-08-02 03:25:42
Local clock offset: -0.177 ms
Remote clock offset: -0.283 ms

Below is generated by plot.py at 2018-08-02 05:01:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 162.80 Mbit/s
95th percentile per-packet one-way delay: 61.374 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 162.80 Mbit/s
95th percentile per-packet one-way delay: 61.374 ms
Loss rate: 0.01%

Run 7: Report of TCP BBR — Data Link

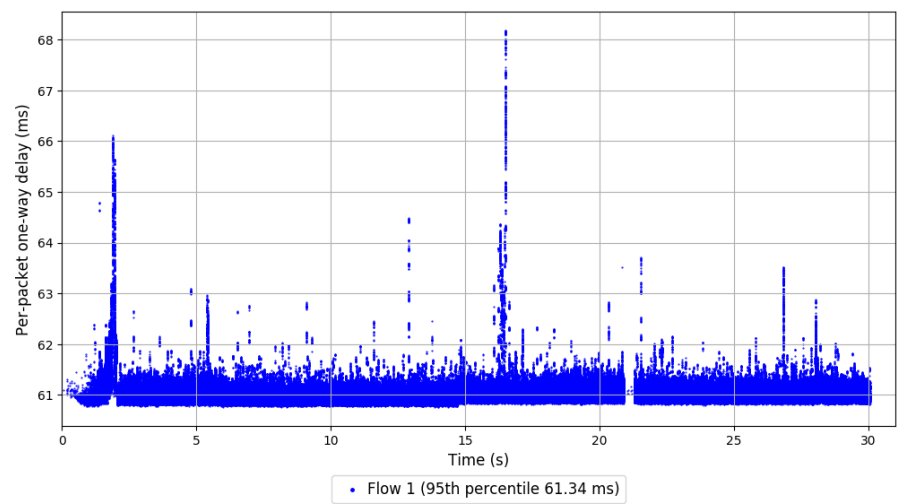
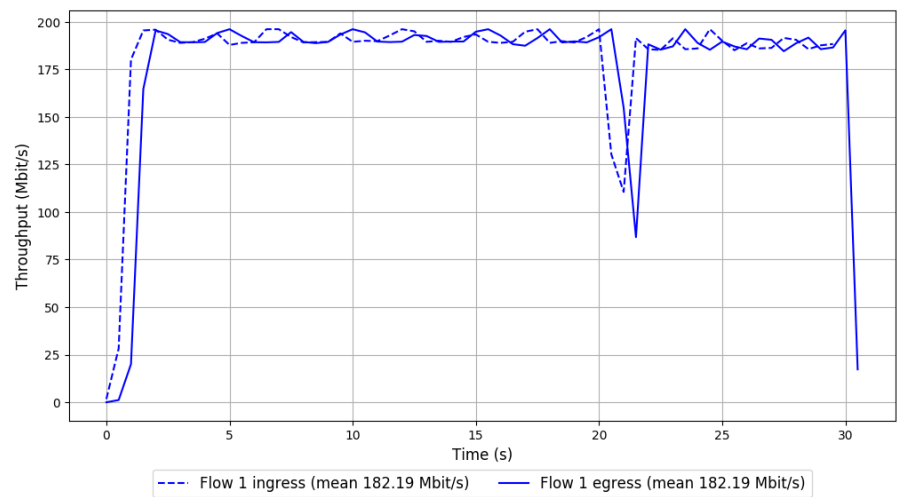


Run 8: Statistics of TCP BBR

Start at: 2018-08-02 03:47:28
End at: 2018-08-02 03:47:59
Local clock offset: -0.013 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2018-08-02 05:01:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 182.19 Mbit/s
95th percentile per-packet one-way delay: 61.338 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 182.19 Mbit/s
95th percentile per-packet one-way delay: 61.338 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

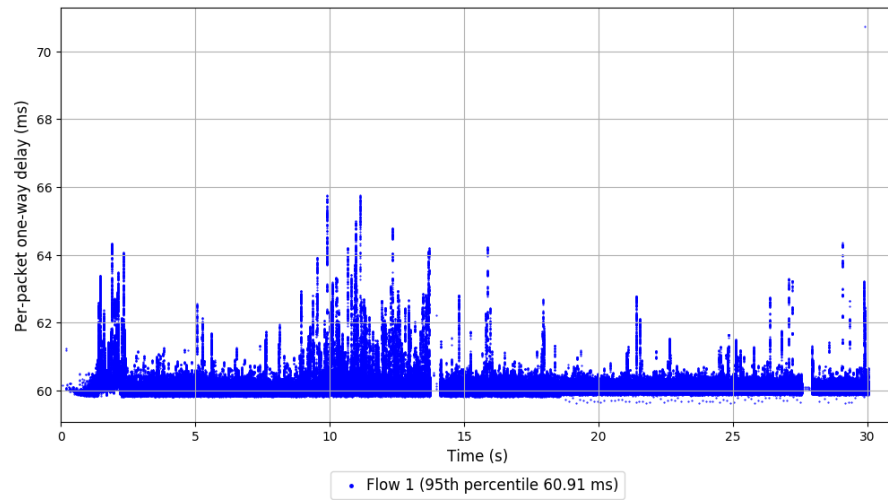
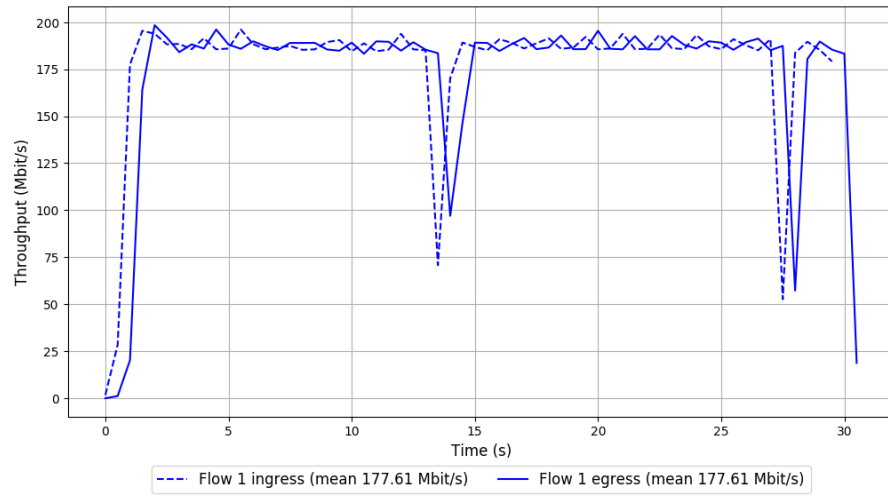


Run 9: Statistics of TCP BBR

Start at: 2018-08-02 04:10:05
End at: 2018-08-02 04:10:35
Local clock offset: -0.071 ms
Remote clock offset: -1.178 ms

Below is generated by plot.py at 2018-08-02 05:04:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 177.61 Mbit/s
95th percentile per-packet one-way delay: 60.912 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 177.61 Mbit/s
95th percentile per-packet one-way delay: 60.912 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

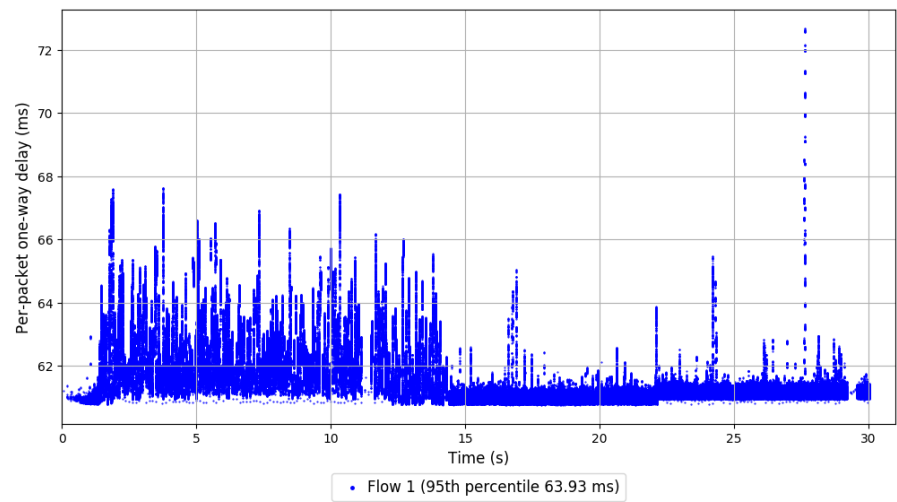
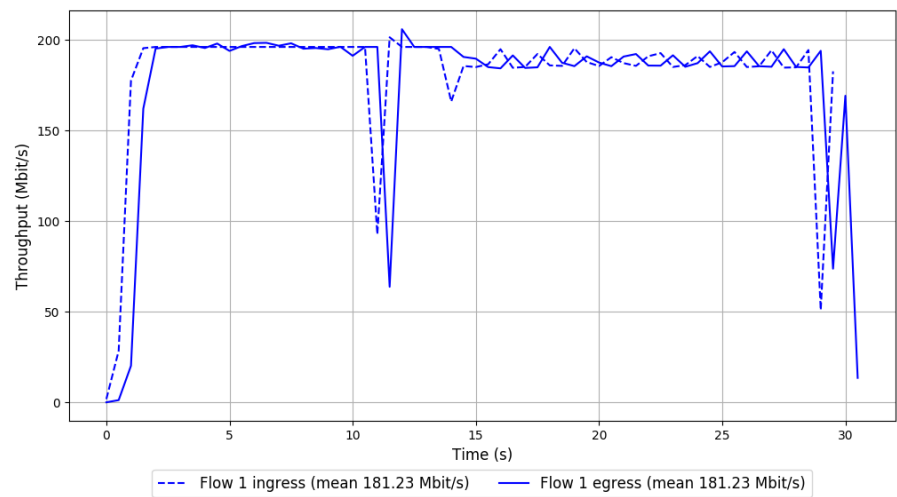


Run 10: Statistics of TCP BBR

Start at: 2018-08-02 04:32:21
End at: 2018-08-02 04:32:51
Local clock offset: -0.051 ms
Remote clock offset: -0.145 ms

Below is generated by plot.py at 2018-08-02 05:04:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 181.23 Mbit/s
95th percentile per-packet one-way delay: 63.933 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 181.23 Mbit/s
95th percentile per-packet one-way delay: 63.933 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-08-02 01:16:34

End at: 2018-08-02 01:17:04

Local clock offset: -0.14 ms

Remote clock offset: -1.394 ms

Below is generated by plot.py at 2018-08-02 05:08:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 198.26 Mbit/s

95th percentile per-packet one-way delay: 66.267 ms

Loss rate: 0.00%

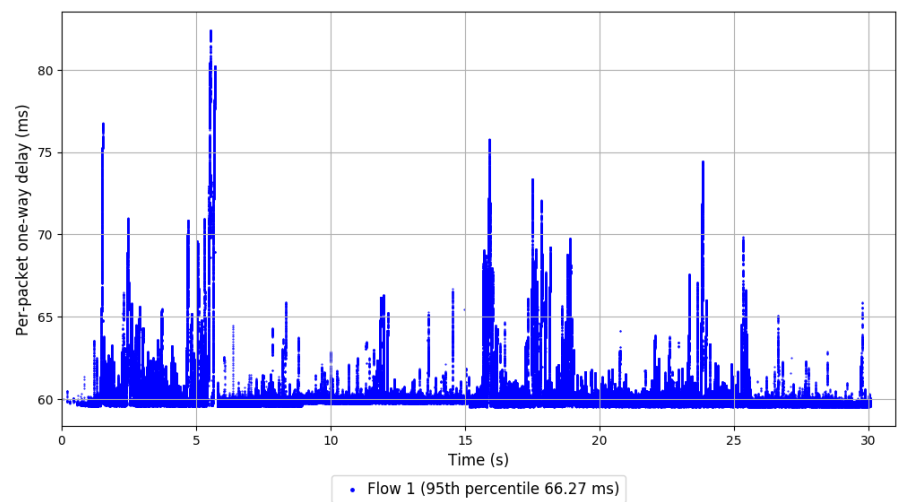
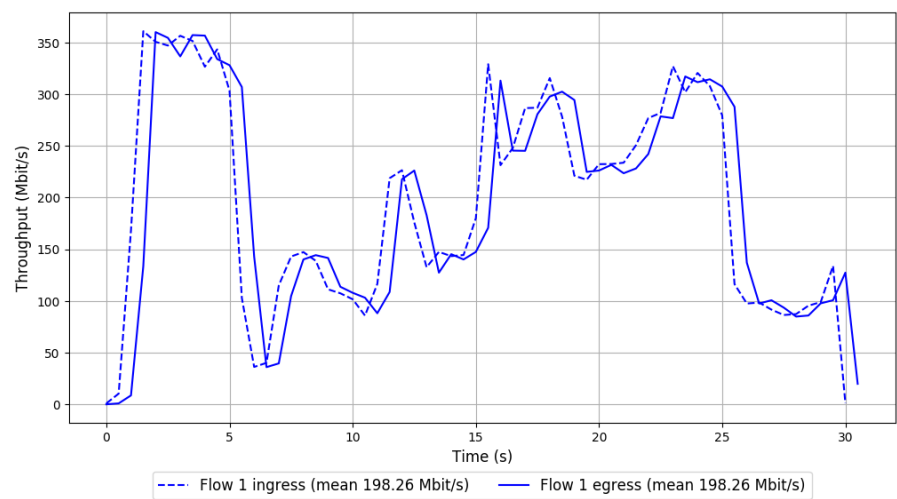
-- Flow 1:

Average throughput: 198.26 Mbit/s

95th percentile per-packet one-way delay: 66.267 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link

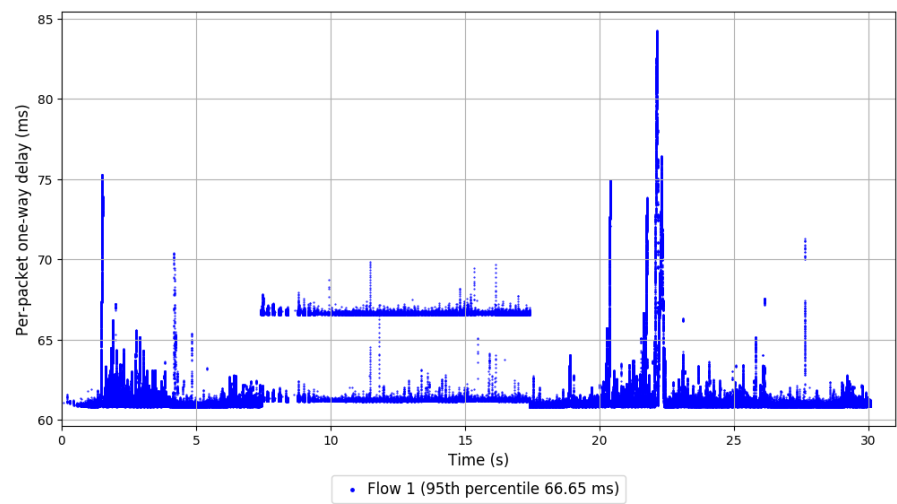
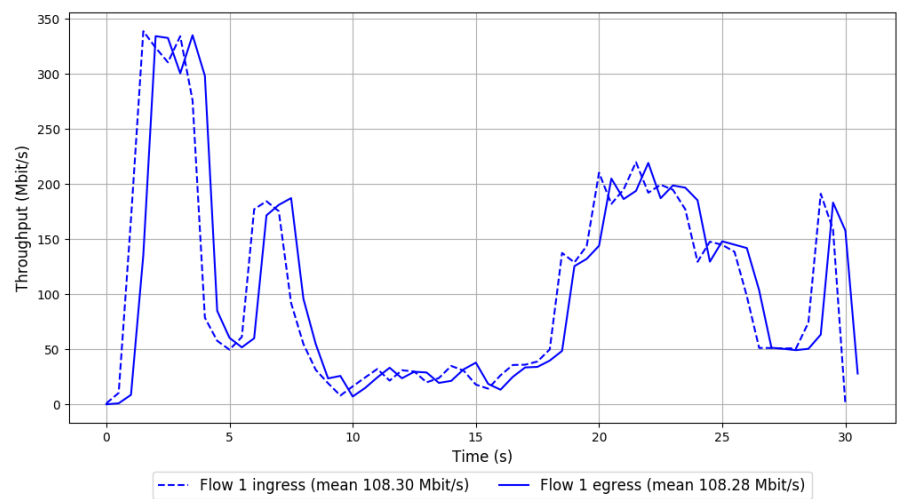


Run 2: Statistics of Copa

Start at: 2018-08-02 01:38:46
End at: 2018-08-02 01:39:16
Local clock offset: -0.155 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2018-08-02 05:08:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 108.28 Mbit/s
95th percentile per-packet one-way delay: 66.651 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 108.28 Mbit/s
95th percentile per-packet one-way delay: 66.651 ms
Loss rate: 0.02%

Run 2: Report of Copa — Data Link

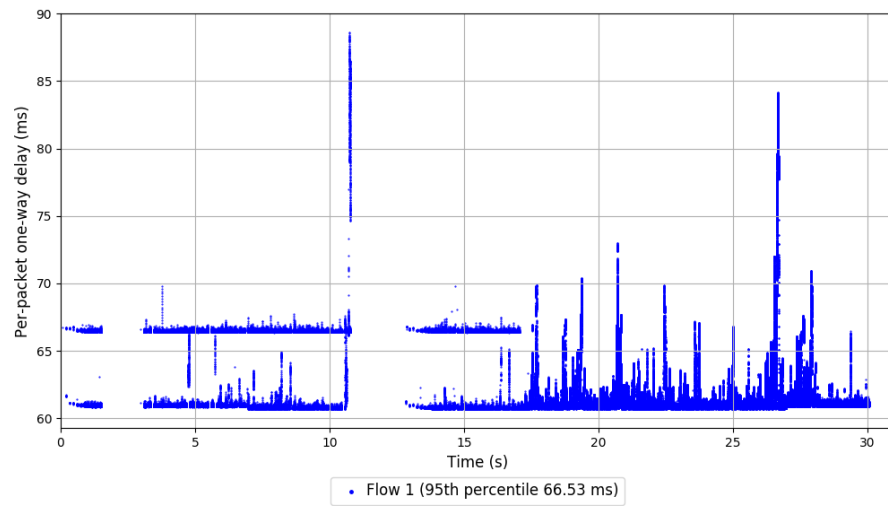
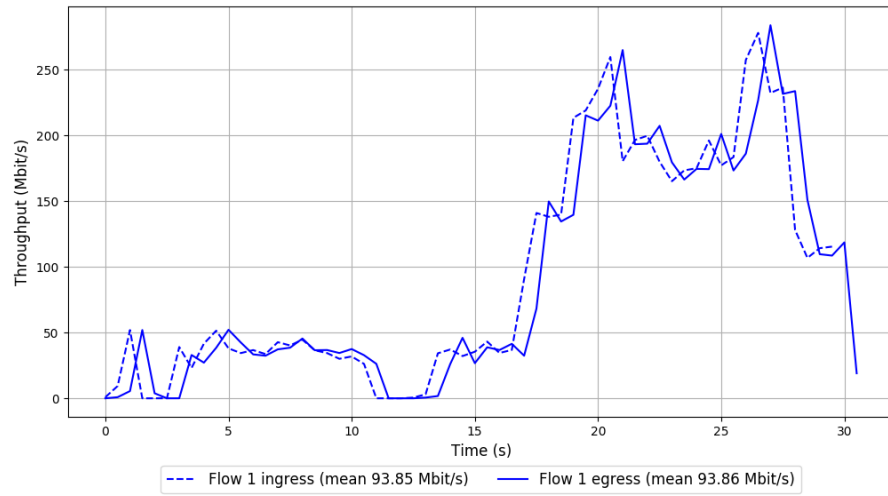


Run 3: Statistics of Copa

Start at: 2018-08-02 02:00:46
End at: 2018-08-02 02:01:16
Local clock offset: -0.16 ms
Remote clock offset: -0.242 ms

Below is generated by plot.py at 2018-08-02 05:08:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.86 Mbit/s
95th percentile per-packet one-way delay: 66.527 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.86 Mbit/s
95th percentile per-packet one-way delay: 66.527 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link

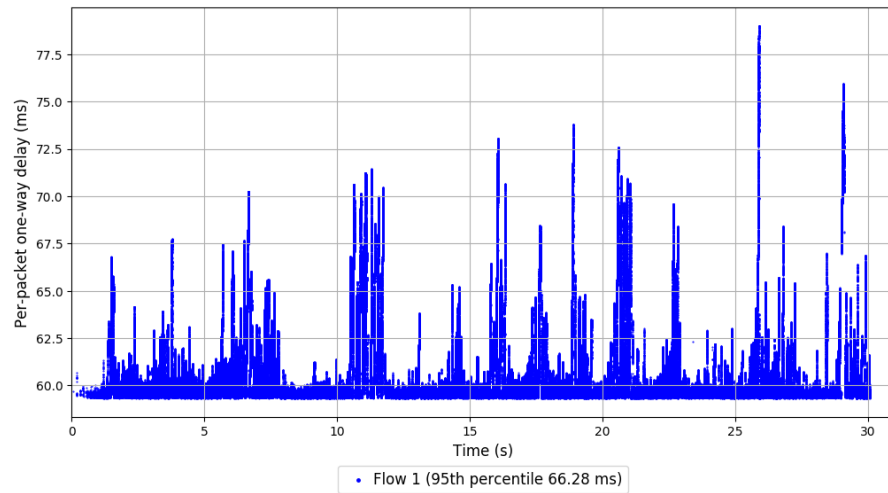
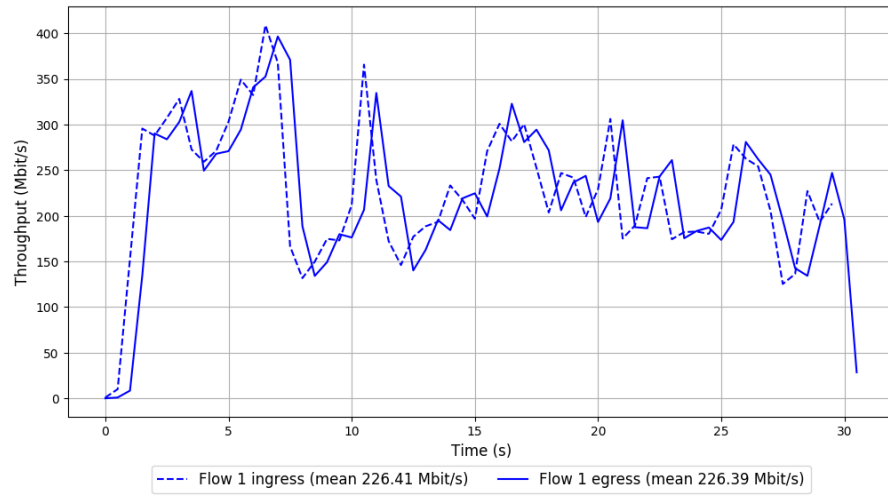


Run 4: Statistics of Copa

Start at: 2018-08-02 02:22:24
End at: 2018-08-02 02:22:54
Local clock offset: -0.163 ms
Remote clock offset: -1.539 ms

Below is generated by plot.py at 2018-08-02 05:09:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 226.39 Mbit/s
95th percentile per-packet one-way delay: 66.278 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 226.39 Mbit/s
95th percentile per-packet one-way delay: 66.278 ms
Loss rate: 0.01%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-08-02 02:44:41

End at: 2018-08-02 02:45:11

Local clock offset: -0.196 ms

Remote clock offset: -0.32 ms

Below is generated by plot.py at 2018-08-02 05:09:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 228.48 Mbit/s

95th percentile per-packet one-way delay: 70.778 ms

Loss rate: 0.01%

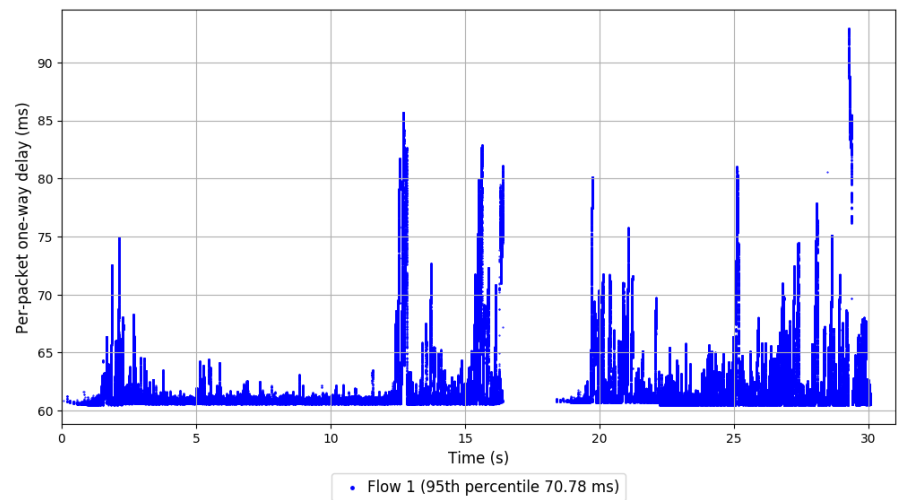
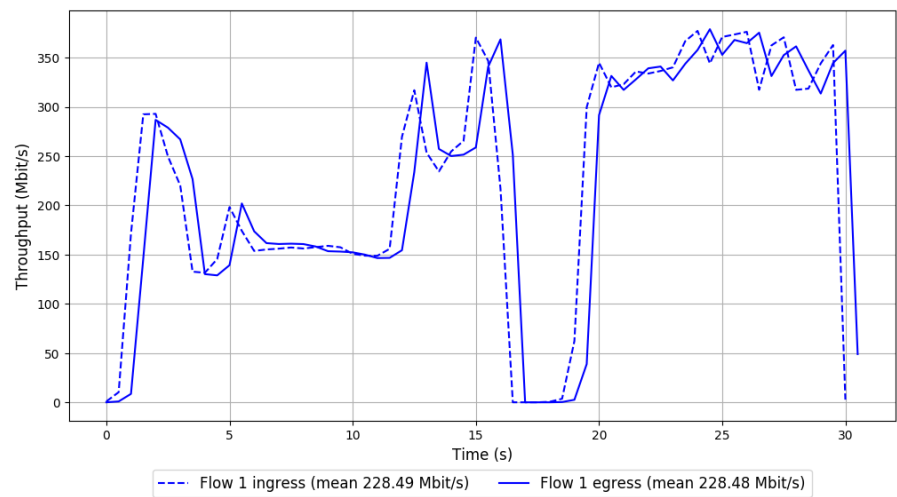
-- Flow 1:

Average throughput: 228.48 Mbit/s

95th percentile per-packet one-way delay: 70.778 ms

Loss rate: 0.01%

Run 5: Report of Copa — Data Link

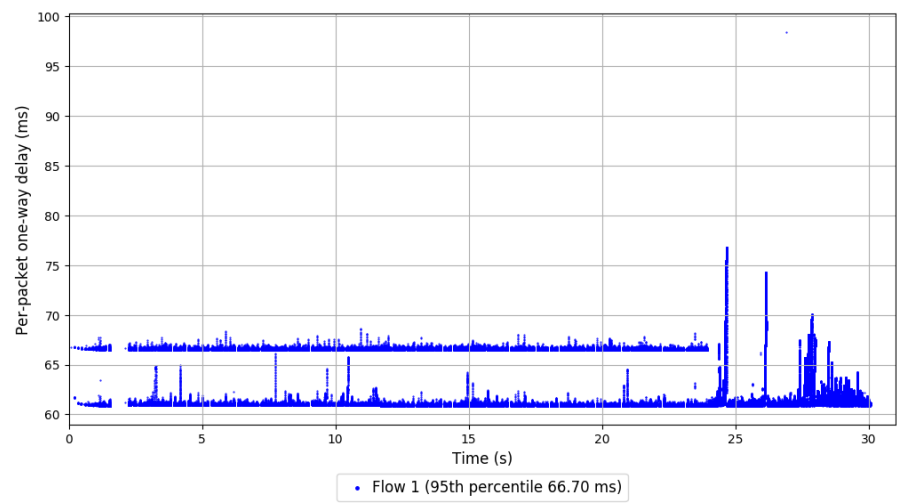
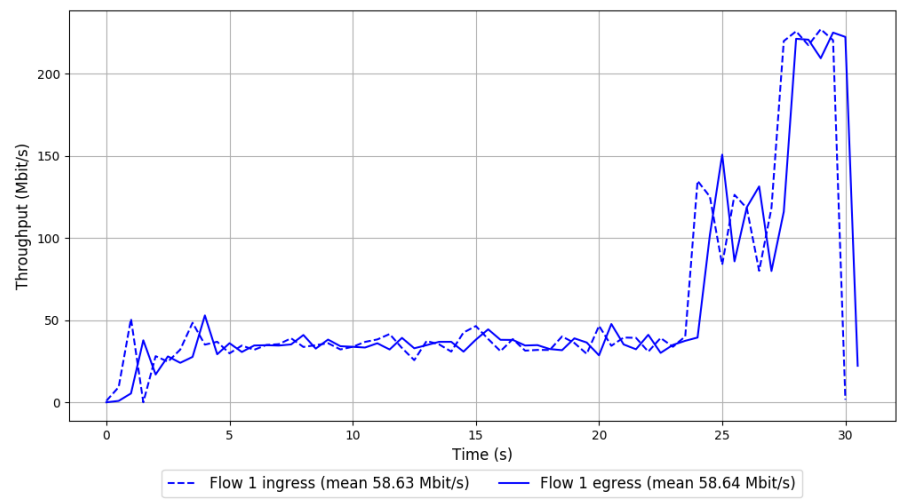


Run 6: Statistics of Copa

Start at: 2018-08-02 03:07:12
End at: 2018-08-02 03:07:42
Local clock offset: -0.19 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2018-08-02 05:09:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.64 Mbit/s
95th percentile per-packet one-way delay: 66.704 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 58.64 Mbit/s
95th percentile per-packet one-way delay: 66.704 ms
Loss rate: 0.01%

Run 6: Report of Copa — Data Link

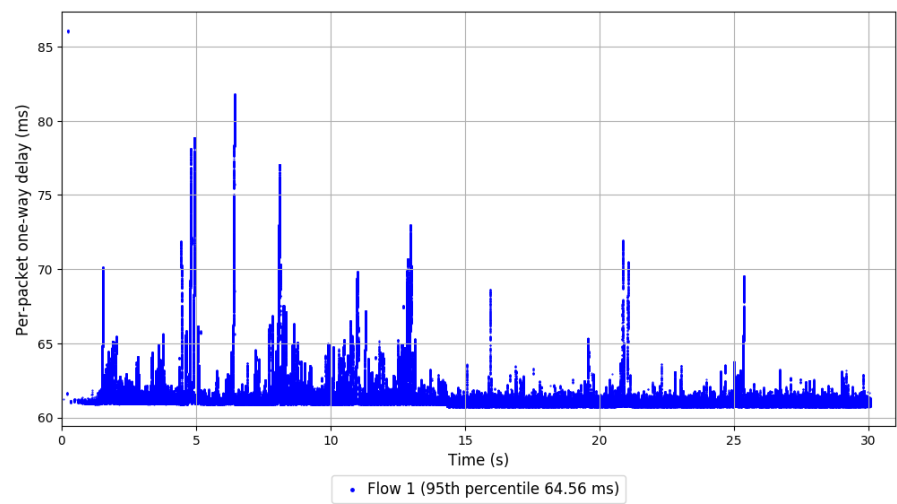
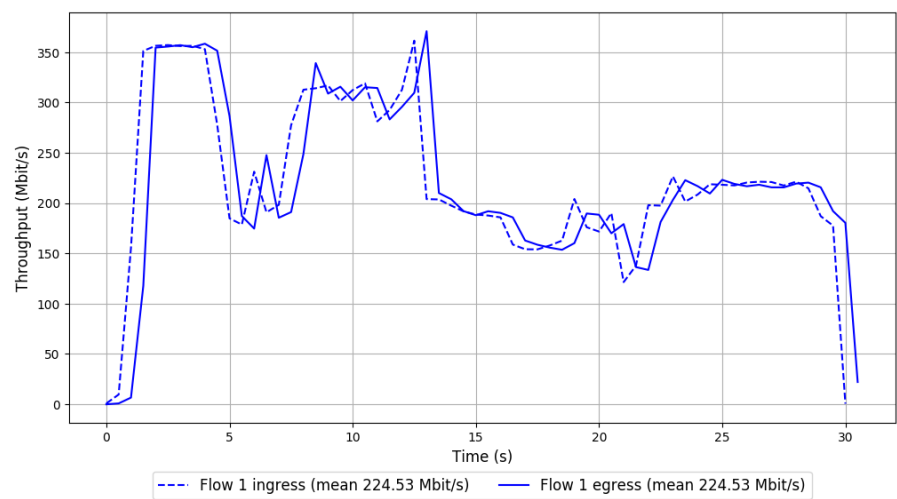


Run 7: Statistics of Copa

Start at: 2018-08-02 03:28:55
End at: 2018-08-02 03:29:25
Local clock offset: -0.157 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-08-02 05:11:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 224.53 Mbit/s
95th percentile per-packet one-way delay: 64.565 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 224.53 Mbit/s
95th percentile per-packet one-way delay: 64.565 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

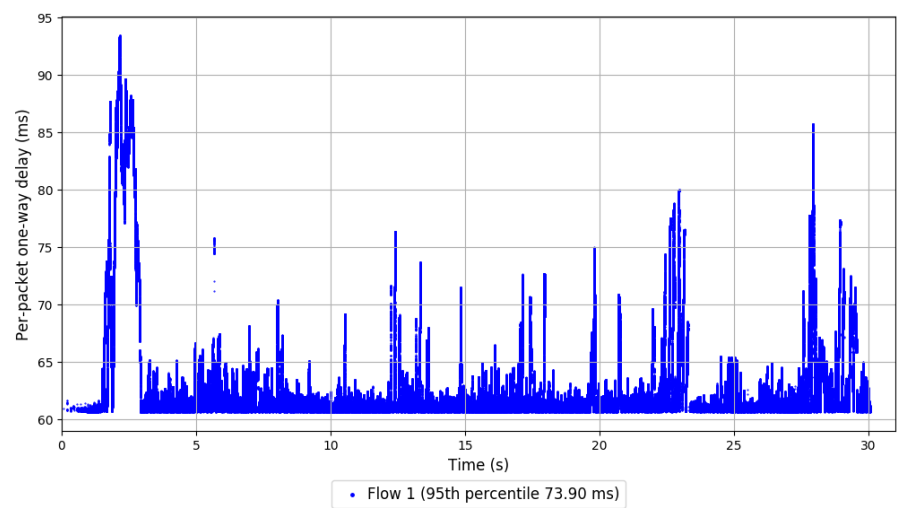
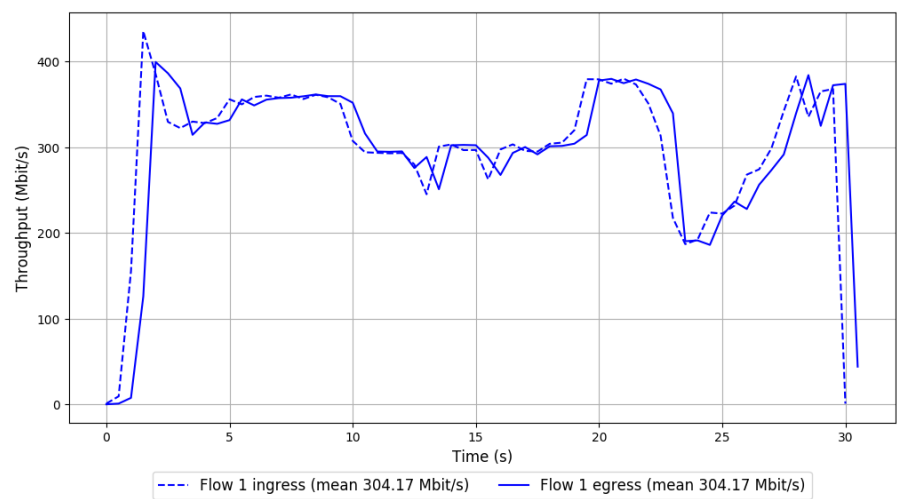


Run 8: Statistics of Copa

Start at: 2018-08-02 03:51:24
End at: 2018-08-02 03:51:54
Local clock offset: -0.065 ms
Remote clock offset: -0.113 ms

Below is generated by plot.py at 2018-08-02 05:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 304.17 Mbit/s
95th percentile per-packet one-way delay: 73.899 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 304.17 Mbit/s
95th percentile per-packet one-way delay: 73.899 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

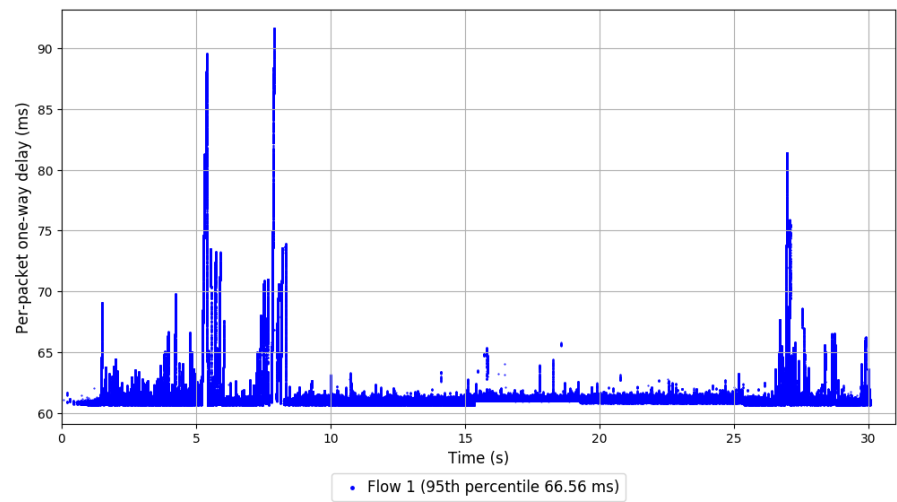
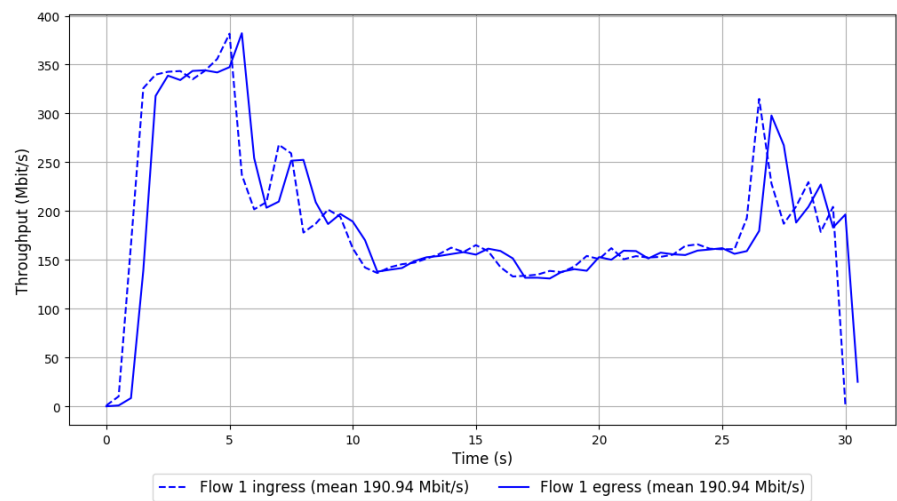


Run 9: Statistics of Copa

Start at: 2018-08-02 04:13:54
End at: 2018-08-02 04:14:24
Local clock offset: -0.065 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2018-08-02 05:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 190.94 Mbit/s
95th percentile per-packet one-way delay: 66.557 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 190.94 Mbit/s
95th percentile per-packet one-way delay: 66.557 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-08-02 04:36:13

End at: 2018-08-02 04:36:43

Local clock offset: -0.071 ms

Remote clock offset: -0.35 ms

Below is generated by plot.py at 2018-08-02 05:15:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 275.11 Mbit/s

95th percentile per-packet one-way delay: 65.542 ms

Loss rate: 0.00%

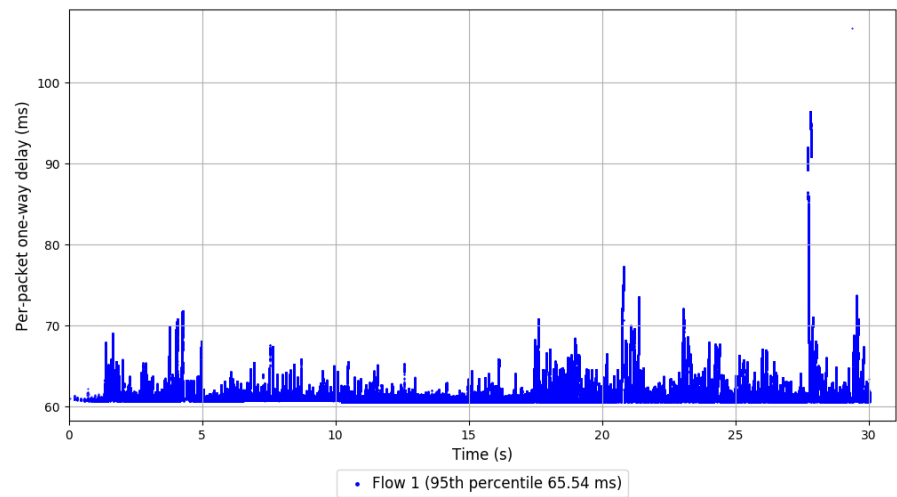
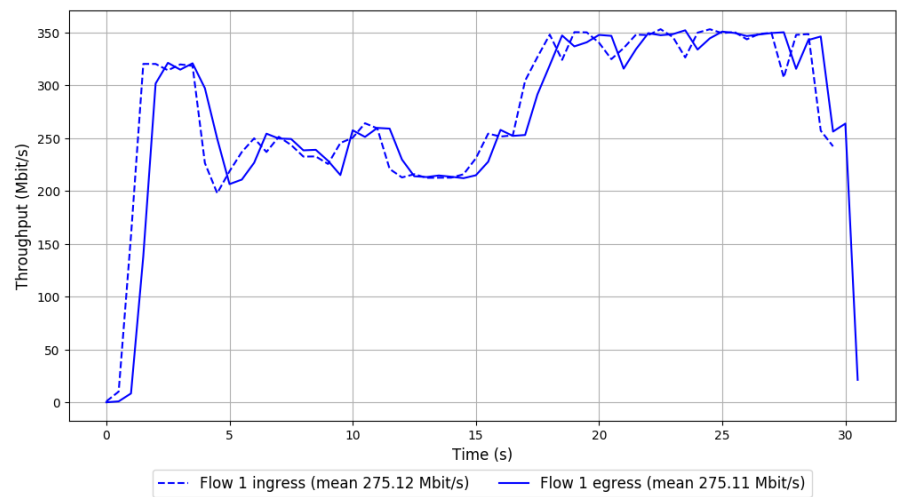
-- Flow 1:

Average throughput: 275.11 Mbit/s

95th percentile per-packet one-way delay: 65.542 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link

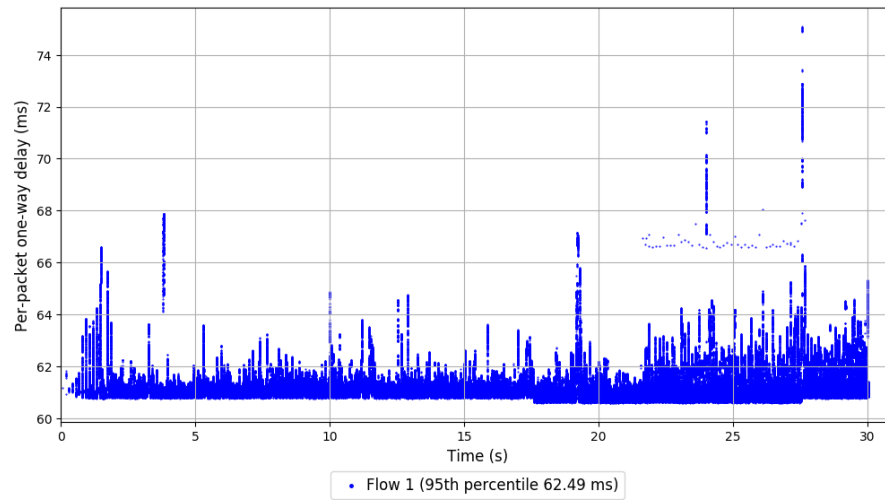
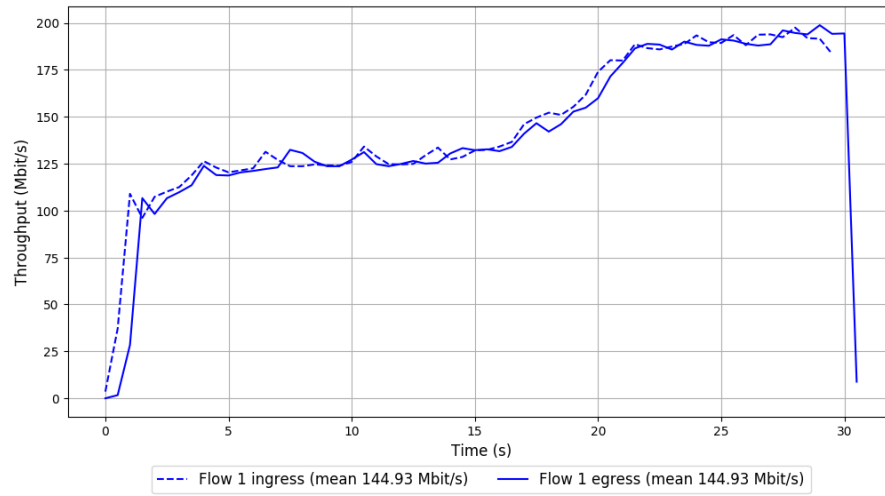


Run 1: Statistics of TCP Cubic

Start at: 2018-08-02 01:11:36
End at: 2018-08-02 01:12:06
Local clock offset: -0.163 ms
Remote clock offset: -0.407 ms

Below is generated by plot.py at 2018-08-02 05:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 144.93 Mbit/s
95th percentile per-packet one-way delay: 62.493 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 144.93 Mbit/s
95th percentile per-packet one-way delay: 62.493 ms
Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-08-02 01:33:45

End at: 2018-08-02 01:34:15

Local clock offset: -0.121 ms

Remote clock offset: 0.289 ms

Below is generated by plot.py at 2018-08-02 05:15:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 28.87 Mbit/s

95th percentile per-packet one-way delay: 62.697 ms

Loss rate: 0.02%

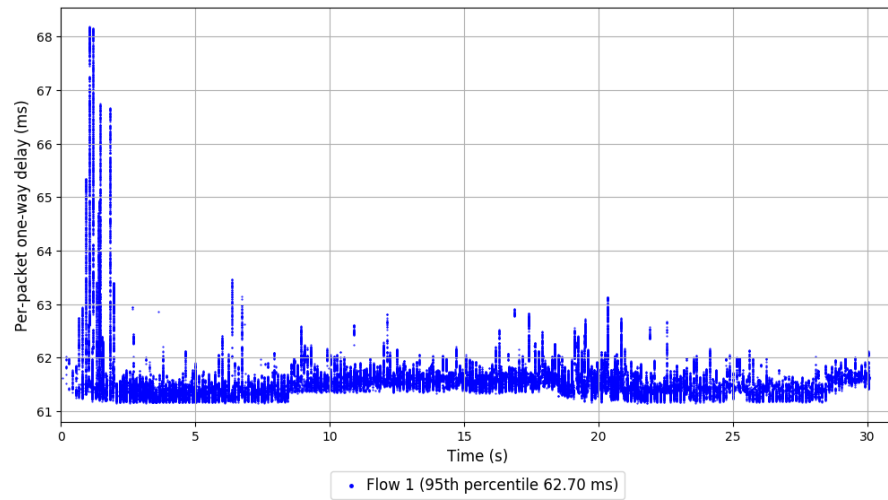
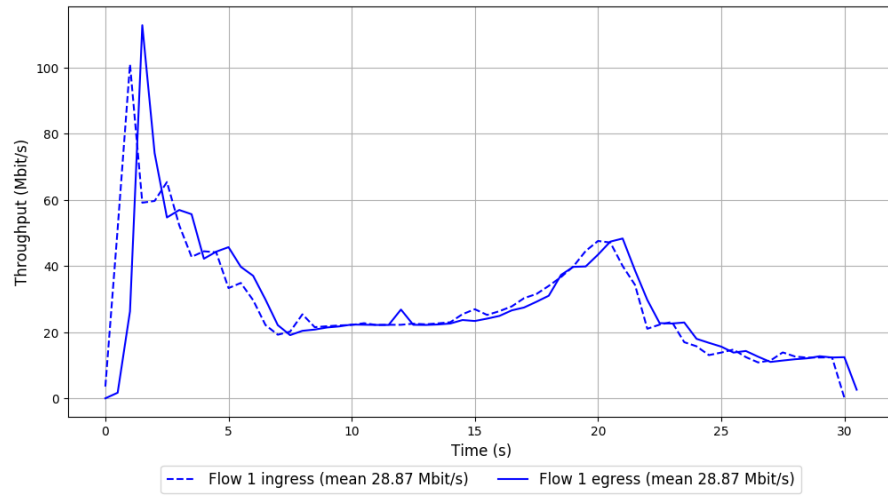
-- Flow 1:

Average throughput: 28.87 Mbit/s

95th percentile per-packet one-way delay: 62.697 ms

Loss rate: 0.02%

Run 2: Report of TCP Cubic — Data Link

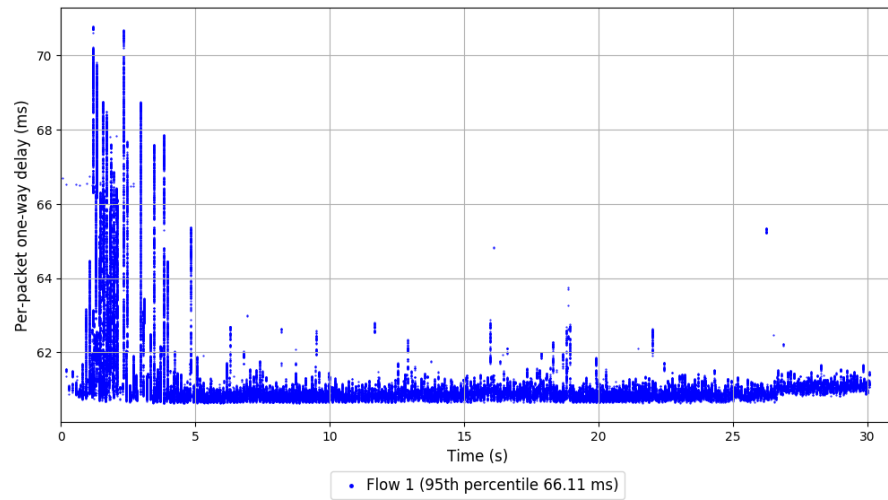
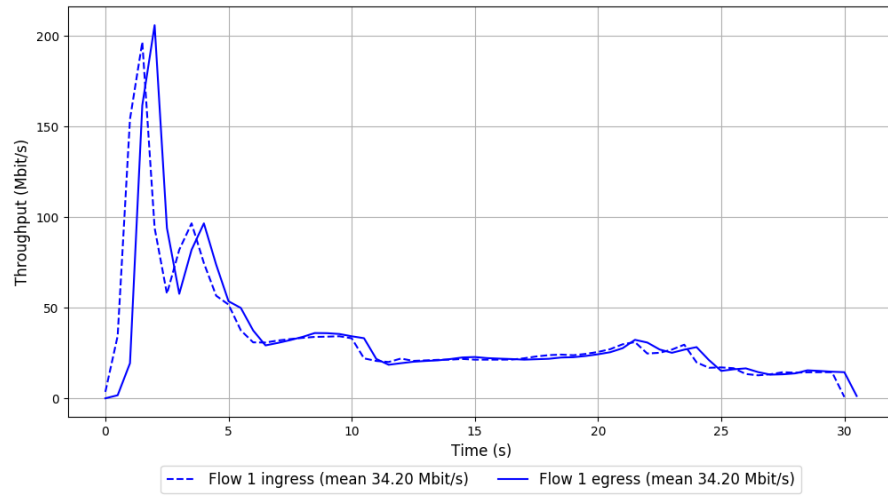


Run 3: Statistics of TCP Cubic

Start at: 2018-08-02 01:55:57
End at: 2018-08-02 01:56:27
Local clock offset: -0.177 ms
Remote clock offset: -0.297 ms

Below is generated by plot.py at 2018-08-02 05:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 66.112 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 66.112 ms
Loss rate: 0.02%

Run 3: Report of TCP Cubic — Data Link

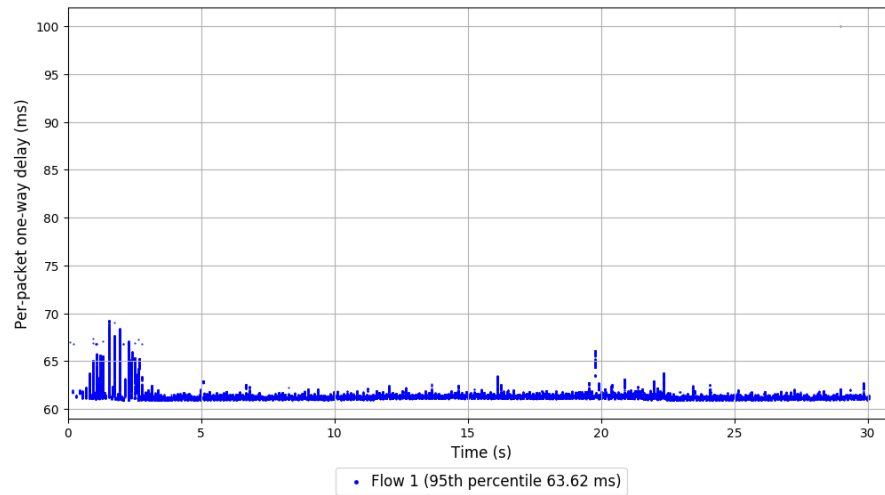
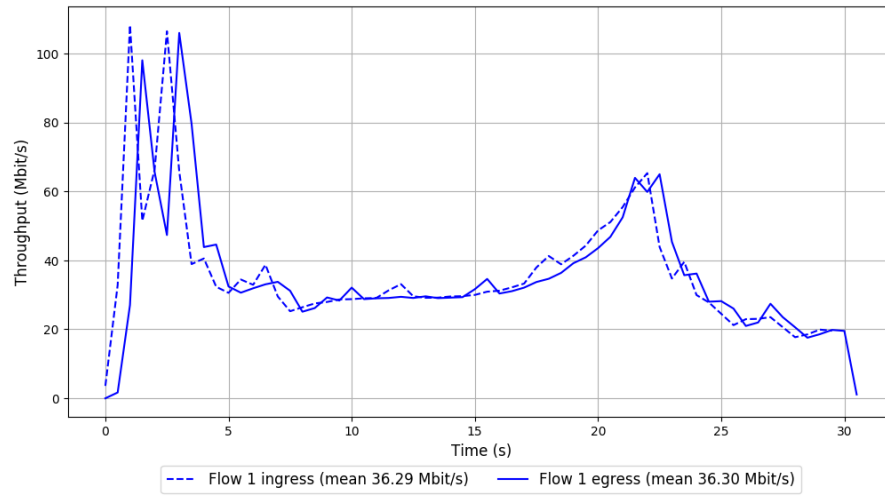


Run 4: Statistics of TCP Cubic

Start at: 2018-08-02 02:17:42
End at: 2018-08-02 02:18:12
Local clock offset: -0.202 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2018-08-02 05:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.30 Mbit/s
95th percentile per-packet one-way delay: 63.624 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 36.30 Mbit/s
95th percentile per-packet one-way delay: 63.624 ms
Loss rate: 0.01%

Run 4: Report of TCP Cubic — Data Link

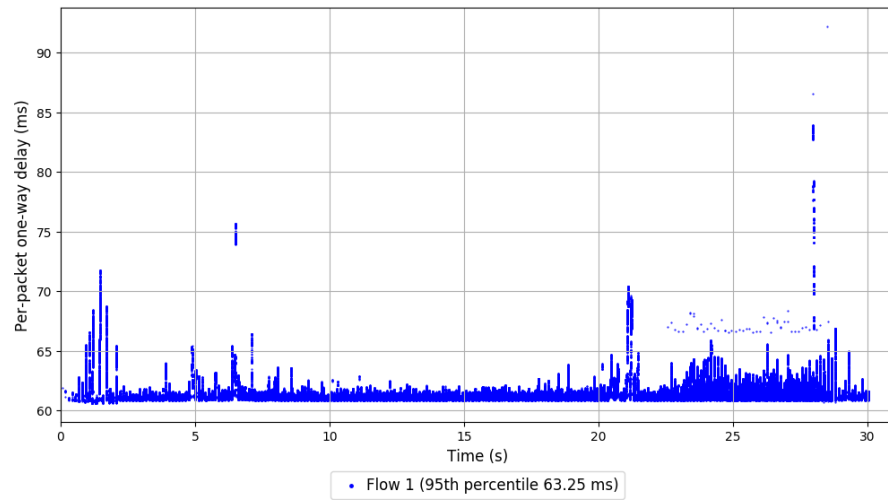
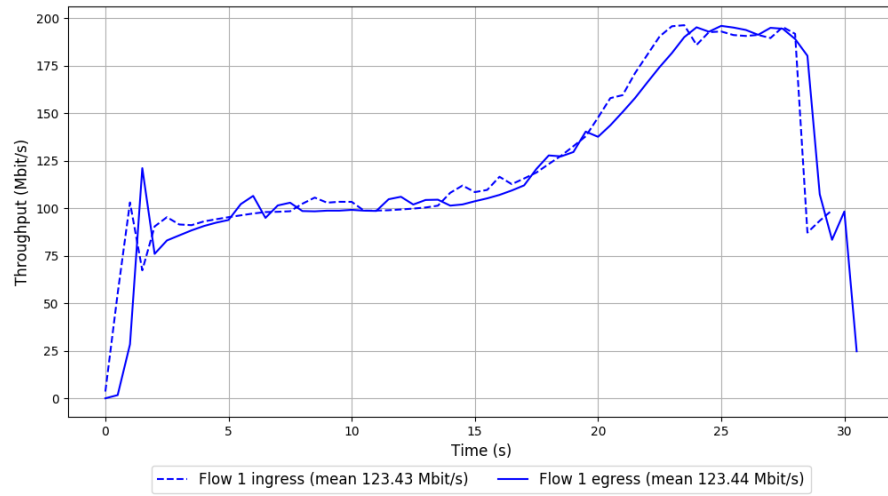


Run 5: Statistics of TCP Cubic

Start at: 2018-08-02 02:39:31
End at: 2018-08-02 02:40:01
Local clock offset: -0.187 ms
Remote clock offset: -0.186 ms

Below is generated by plot.py at 2018-08-02 05:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 123.44 Mbit/s
95th percentile per-packet one-way delay: 63.249 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 123.44 Mbit/s
95th percentile per-packet one-way delay: 63.249 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-08-02 03:02:09

End at: 2018-08-02 03:02:39

Local clock offset: -0.191 ms

Remote clock offset: 0.272 ms

Below is generated by plot.py at 2018-08-02 05:15:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 127.02 Mbit/s

95th percentile per-packet one-way delay: 63.178 ms

Loss rate: 0.00%

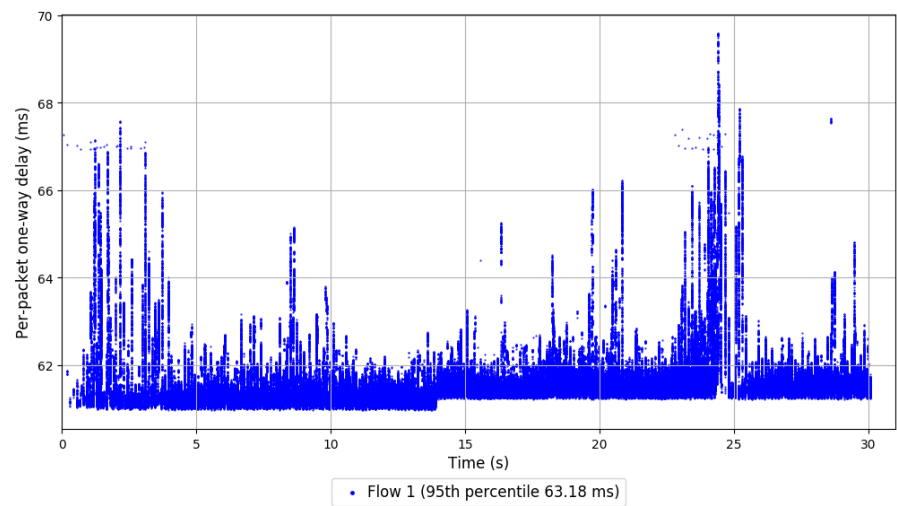
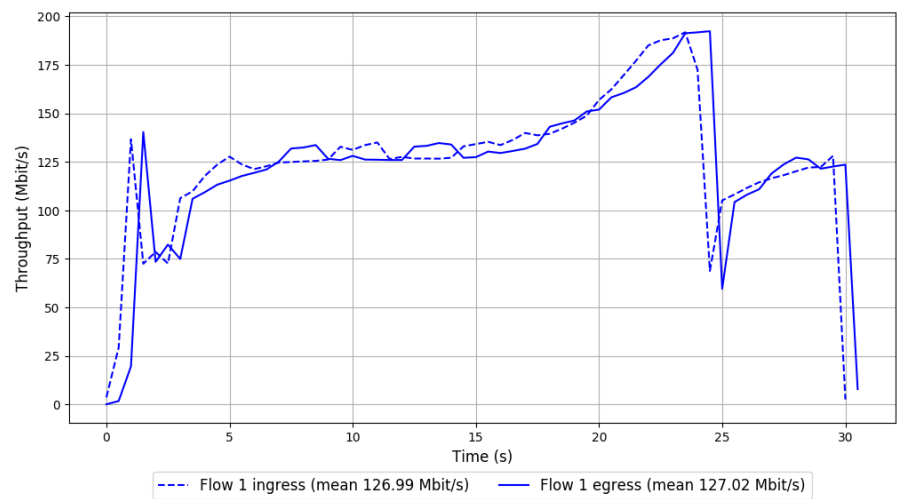
-- Flow 1:

Average throughput: 127.02 Mbit/s

95th percentile per-packet one-way delay: 63.178 ms

Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link

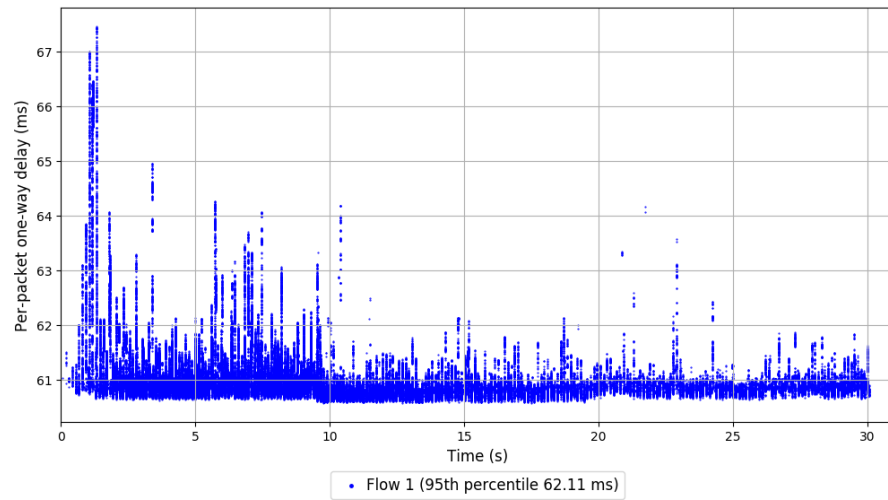
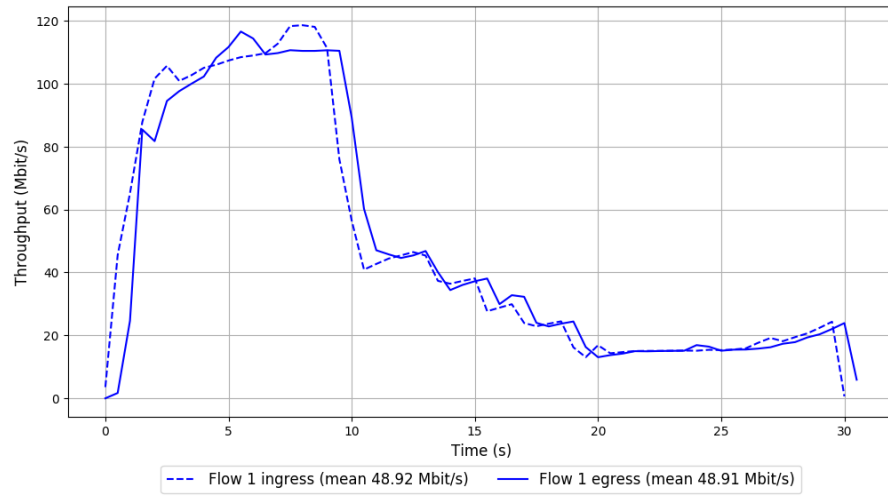


Run 7: Statistics of TCP Cubic

Start at: 2018-08-02 03:24:04
End at: 2018-08-02 03:24:34
Local clock offset: -0.198 ms
Remote clock offset: -0.326 ms

Below is generated by plot.py at 2018-08-02 05:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.91 Mbit/s
95th percentile per-packet one-way delay: 62.108 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 48.91 Mbit/s
95th percentile per-packet one-way delay: 62.108 ms
Loss rate: 0.01%

Run 7: Report of TCP Cubic — Data Link

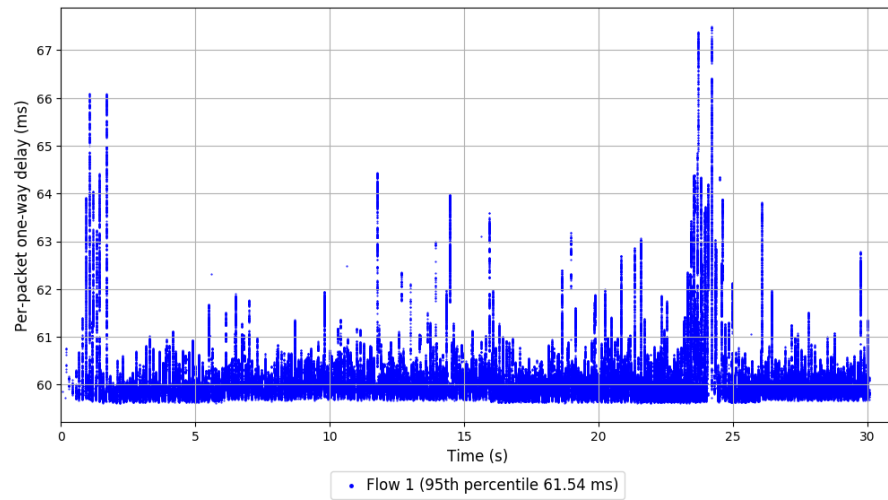
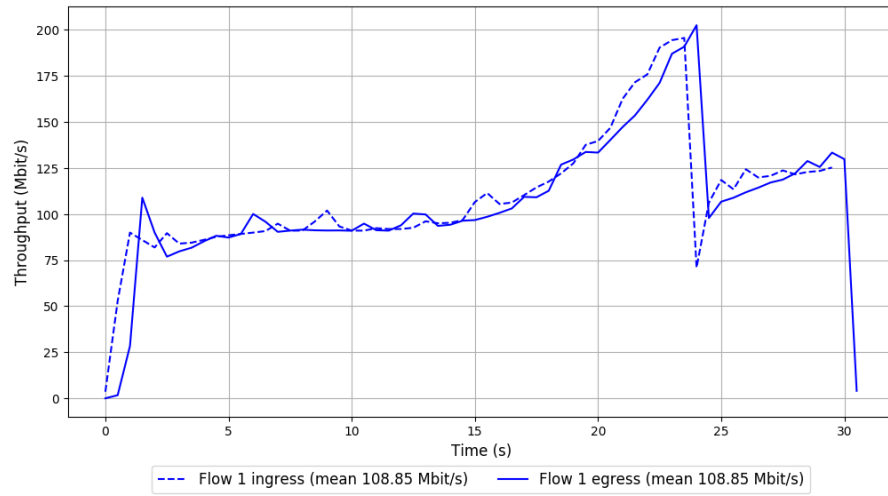


Run 8: Statistics of TCP Cubic

Start at: 2018-08-02 03:46:17
End at: 2018-08-02 03:46:47
Local clock offset: -0.062 ms
Remote clock offset: -1.268 ms

Below is generated by plot.py at 2018-08-02 05:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 108.85 Mbit/s
95th percentile per-packet one-way delay: 61.539 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 108.85 Mbit/s
95th percentile per-packet one-way delay: 61.539 ms
Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link

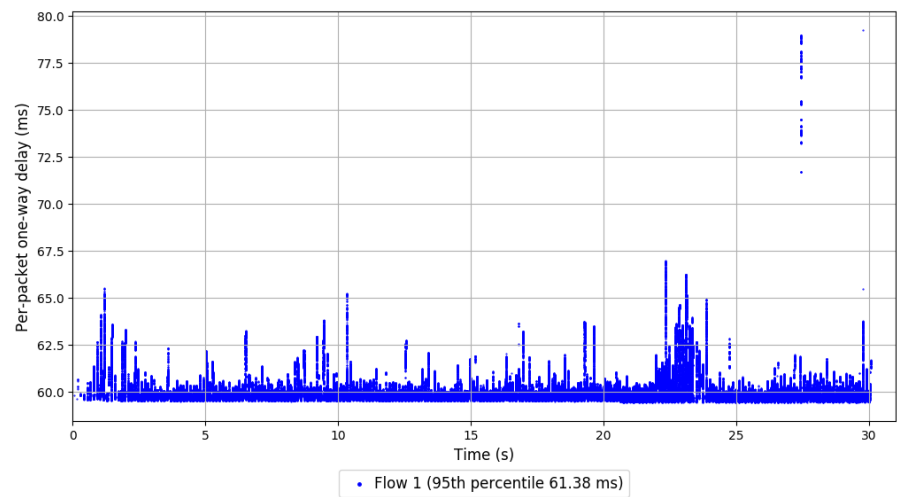
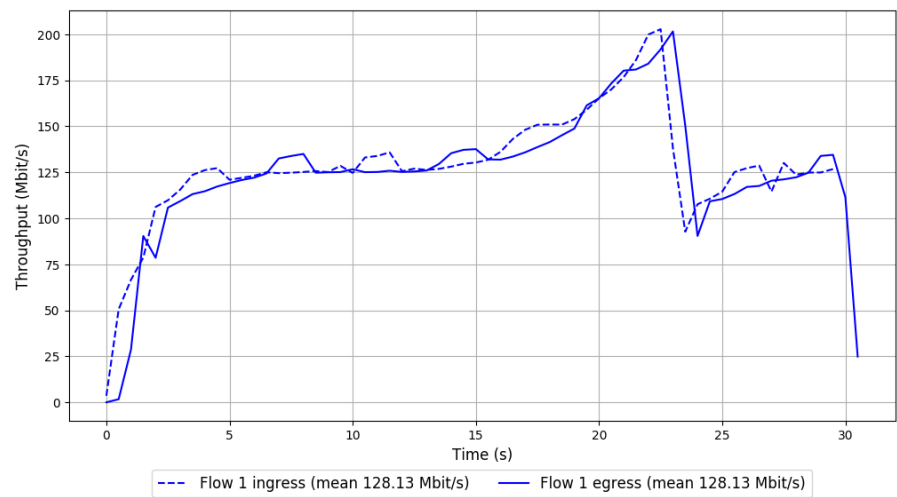


Run 9: Statistics of TCP Cubic

Start at: 2018-08-02 04:08:53
End at: 2018-08-02 04:09:23
Local clock offset: -0.09 ms
Remote clock offset: -1.556 ms

Below is generated by plot.py at 2018-08-02 05:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 128.13 Mbit/s
95th percentile per-packet one-way delay: 61.376 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 128.13 Mbit/s
95th percentile per-packet one-way delay: 61.376 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-08-02 04:31:10

End at: 2018-08-02 04:31:40

Local clock offset: -0.08 ms

Remote clock offset: -1.606 ms

Below is generated by plot.py at 2018-08-02 05:15:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 113.09 Mbit/s

95th percentile per-packet one-way delay: 62.791 ms

Loss rate: 0.00%

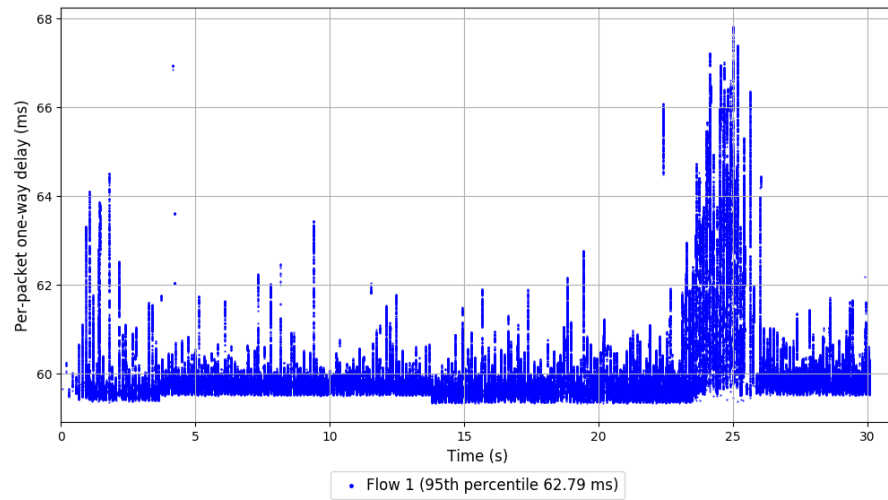
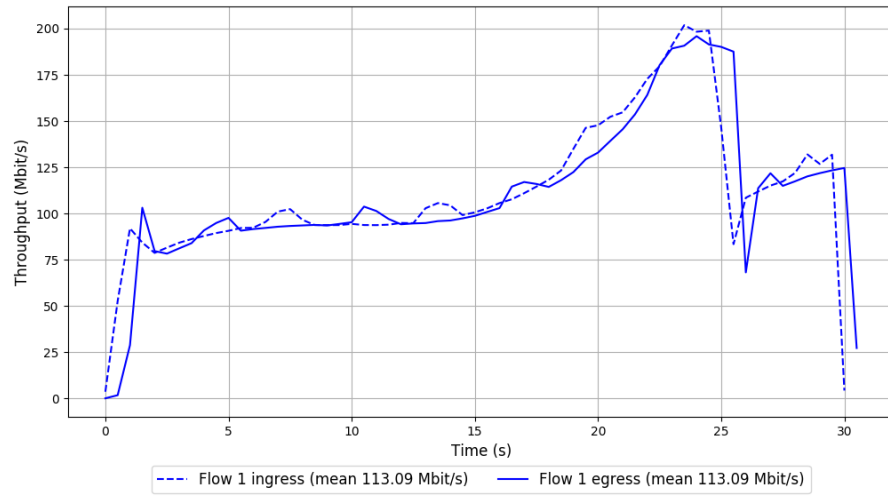
-- Flow 1:

Average throughput: 113.09 Mbit/s

95th percentile per-packet one-way delay: 62.791 ms

Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link

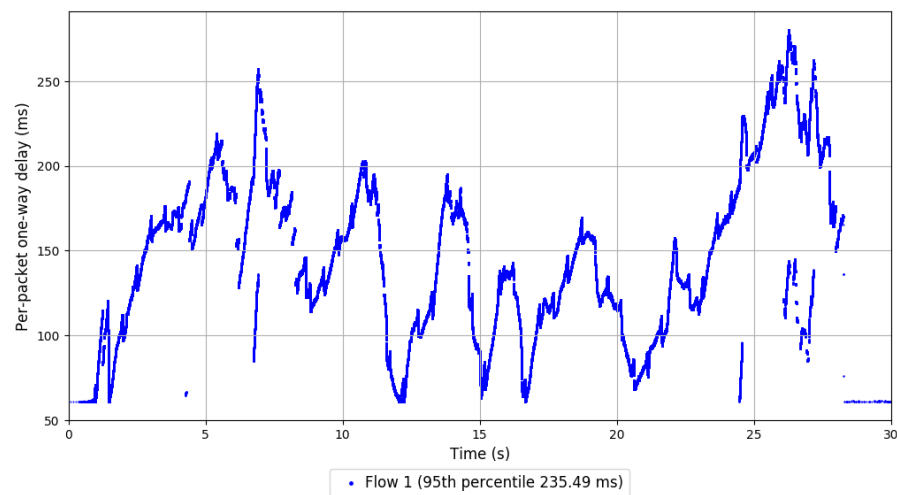
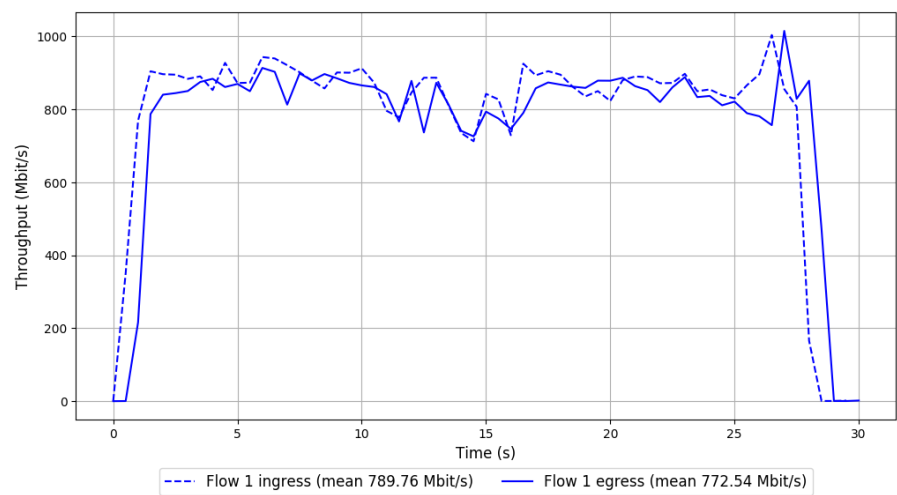


Run 1: Statistics of FillP

Start at: 2018-08-02 01:19:19
End at: 2018-08-02 01:19:49
Local clock offset: -0.142 ms
Remote clock offset: -0.189 ms

Below is generated by plot.py at 2018-08-02 05:31:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 772.54 Mbit/s
95th percentile per-packet one-way delay: 235.490 ms
Loss rate: 2.18%
-- Flow 1:
Average throughput: 772.54 Mbit/s
95th percentile per-packet one-way delay: 235.490 ms
Loss rate: 2.18%

Run 1: Report of FillP — Data Link

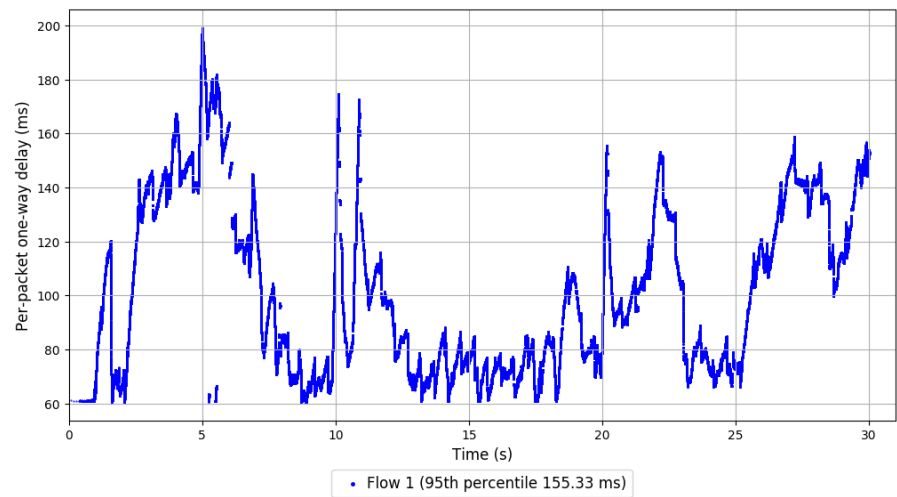
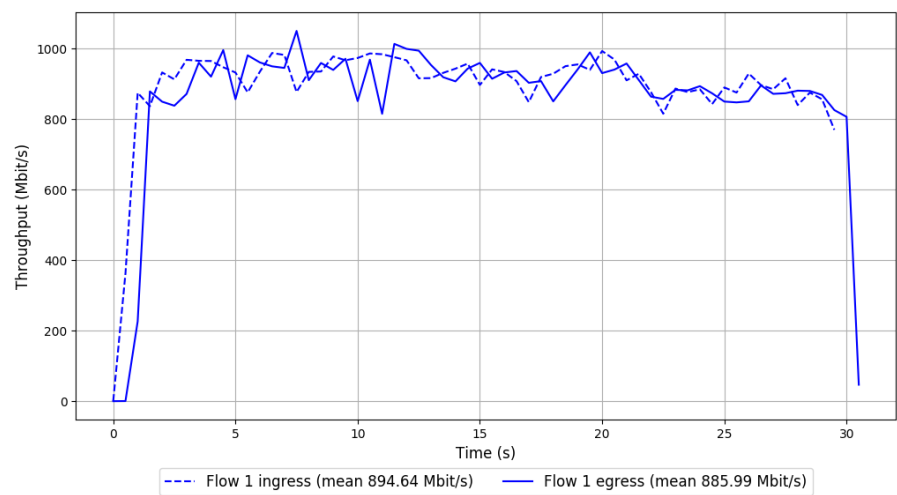


Run 2: Statistics of FillP

Start at: 2018-08-02 01:41:28
End at: 2018-08-02 01:41:58
Local clock offset: -0.161 ms
Remote clock offset: -0.366 ms

Below is generated by plot.py at 2018-08-02 05:32:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 885.99 Mbit/s
95th percentile per-packet one-way delay: 155.333 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 885.99 Mbit/s
95th percentile per-packet one-way delay: 155.333 ms
Loss rate: 0.95%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-08-02 02:03:13

End at: 2018-08-02 02:03:43

Local clock offset: -0.135 ms

Remote clock offset: 0.149 ms

Below is generated by plot.py at 2018-08-02 05:32:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 840.63 Mbit/s

95th percentile per-packet one-way delay: 213.979 ms

Loss rate: 1.12%

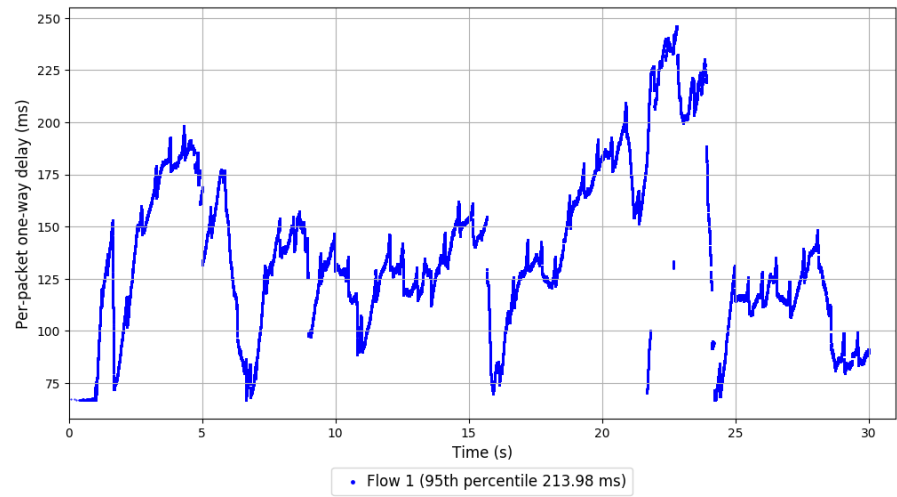
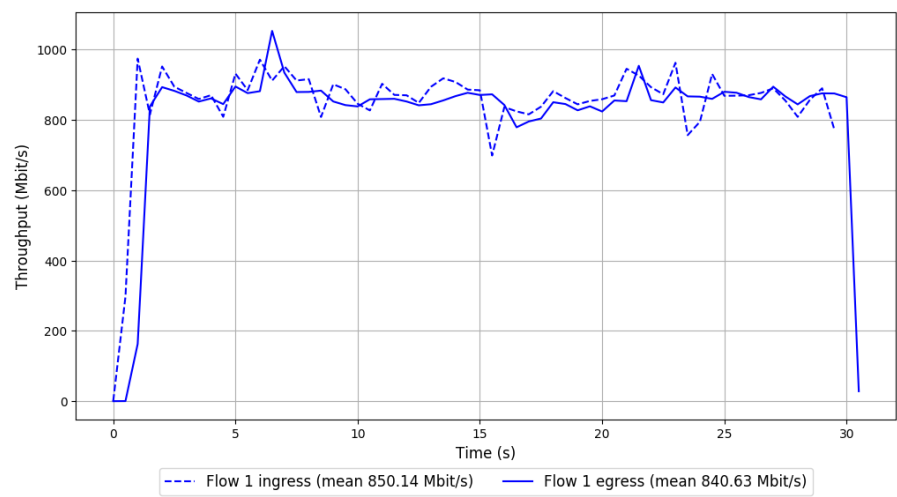
-- Flow 1:

Average throughput: 840.63 Mbit/s

95th percentile per-packet one-way delay: 213.979 ms

Loss rate: 1.12%

Run 3: Report of FillP — Data Link

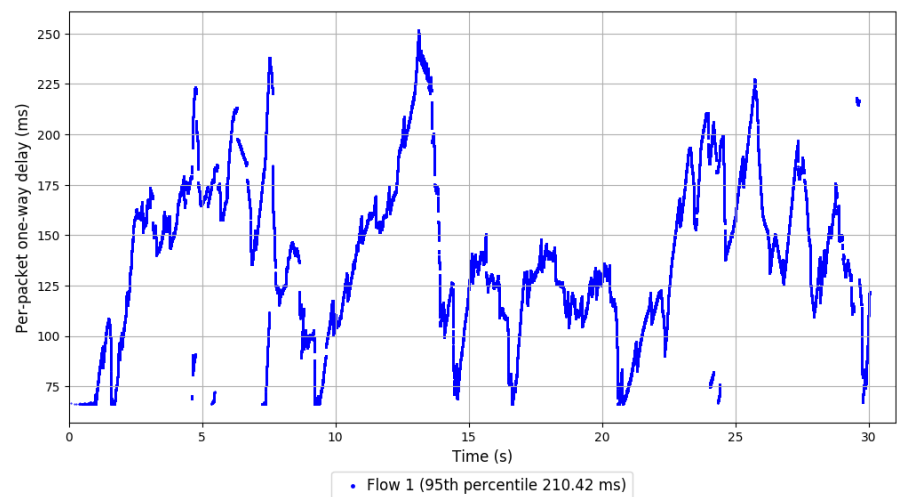
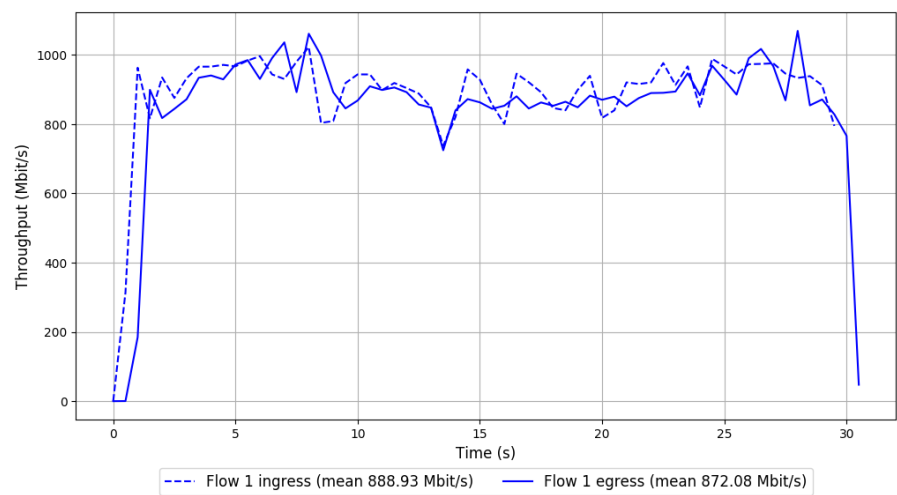


Run 4: Statistics of FillP

Start at: 2018-08-02 02:24:57
End at: 2018-08-02 02:25:27
Local clock offset: -0.167 ms
Remote clock offset: -0.351 ms

Below is generated by plot.py at 2018-08-02 05:32:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 872.08 Mbit/s
95th percentile per-packet one-way delay: 210.419 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 872.08 Mbit/s
95th percentile per-packet one-way delay: 210.419 ms
Loss rate: 1.89%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-08-02 02:47:35

End at: 2018-08-02 02:48:05

Local clock offset: -0.161 ms

Remote clock offset: 0.088 ms

Below is generated by plot.py at 2018-08-02 05:33:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 852.01 Mbit/s

95th percentile per-packet one-way delay: 216.977 ms

Loss rate: 0.17%

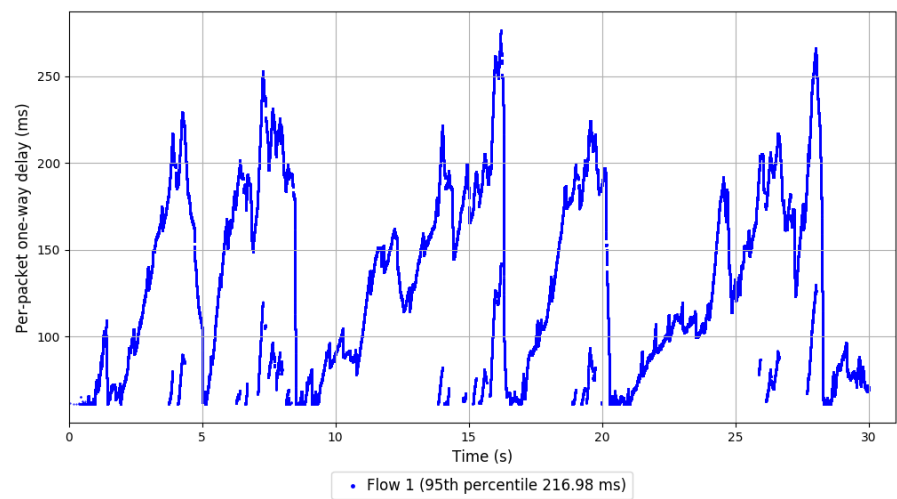
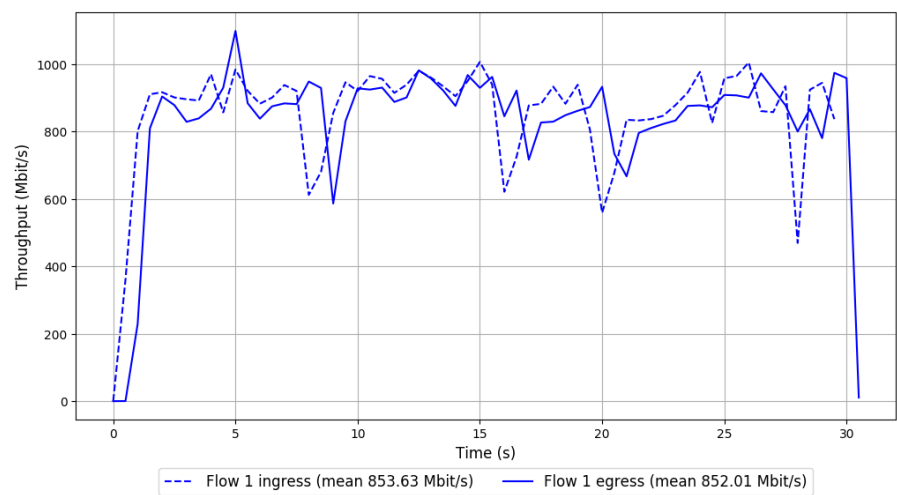
-- Flow 1:

Average throughput: 852.01 Mbit/s

95th percentile per-packet one-way delay: 216.977 ms

Loss rate: 0.17%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-08-02 03:09:49

End at: 2018-08-02 03:10:19

Local clock offset: -0.221 ms

Remote clock offset: 0.047 ms

Below is generated by plot.py at 2018-08-02 05:33:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 837.80 Mbit/s

95th percentile per-packet one-way delay: 151.881 ms

Loss rate: 2.51%

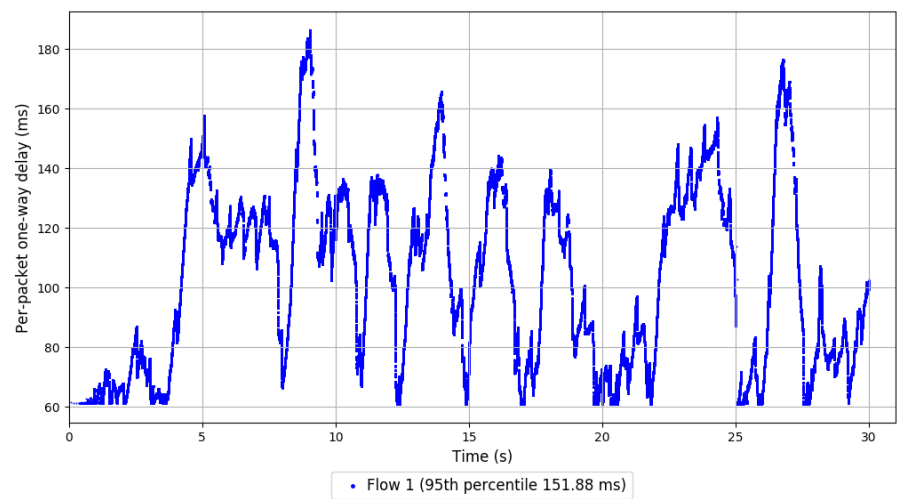
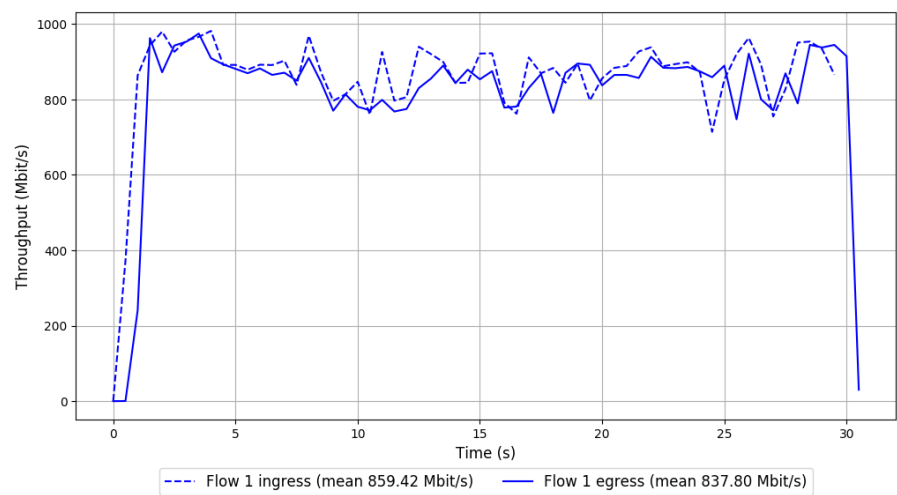
-- Flow 1:

Average throughput: 837.80 Mbit/s

95th percentile per-packet one-way delay: 151.881 ms

Loss rate: 2.51%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-08-02 03:31:49

End at: 2018-08-02 03:32:19

Local clock offset: -0.155 ms

Remote clock offset: 0.143 ms

Below is generated by plot.py at 2018-08-02 05:34:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 828.43 Mbit/s

95th percentile per-packet one-way delay: 173.788 ms

Loss rate: 2.36%

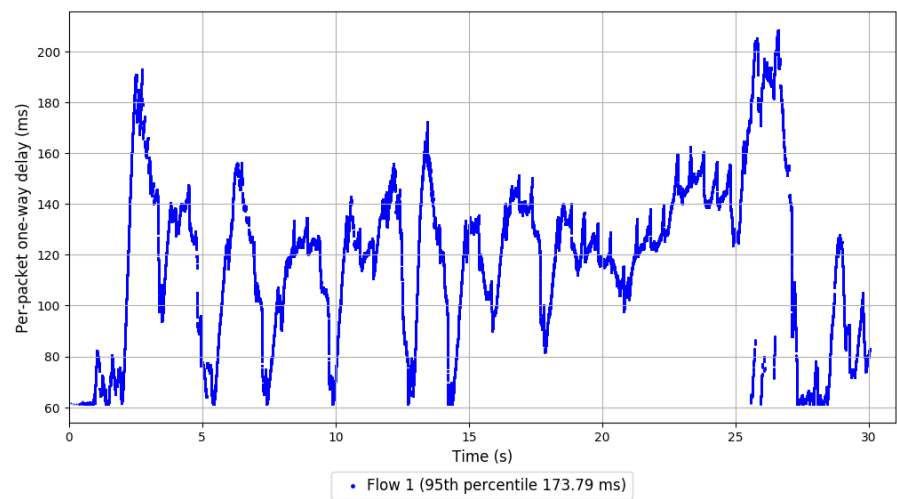
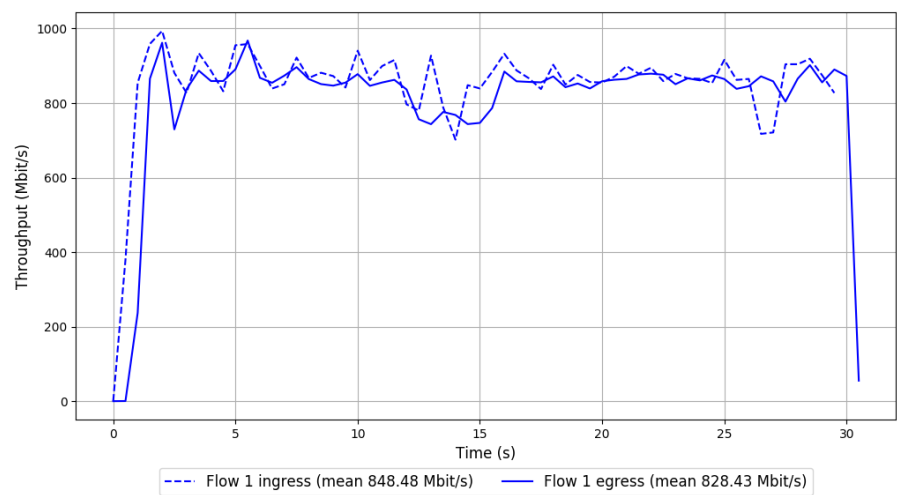
-- Flow 1:

Average throughput: 828.43 Mbit/s

95th percentile per-packet one-way delay: 173.788 ms

Loss rate: 2.36%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-08-02 03:54:25

End at: 2018-08-02 03:54:55

Local clock offset: -0.012 ms

Remote clock offset: 0.185 ms

Below is generated by plot.py at 2018-08-02 05:34:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 780.85 Mbit/s

95th percentile per-packet one-way delay: 235.233 ms

Loss rate: 0.57%

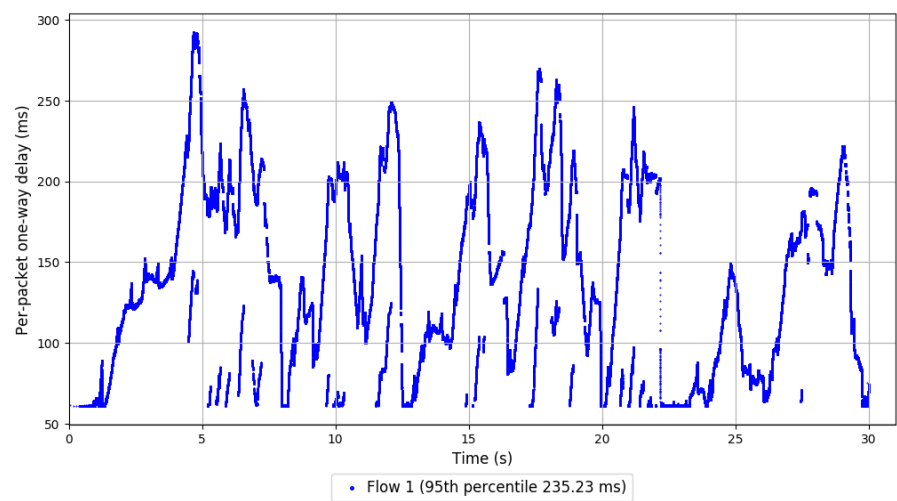
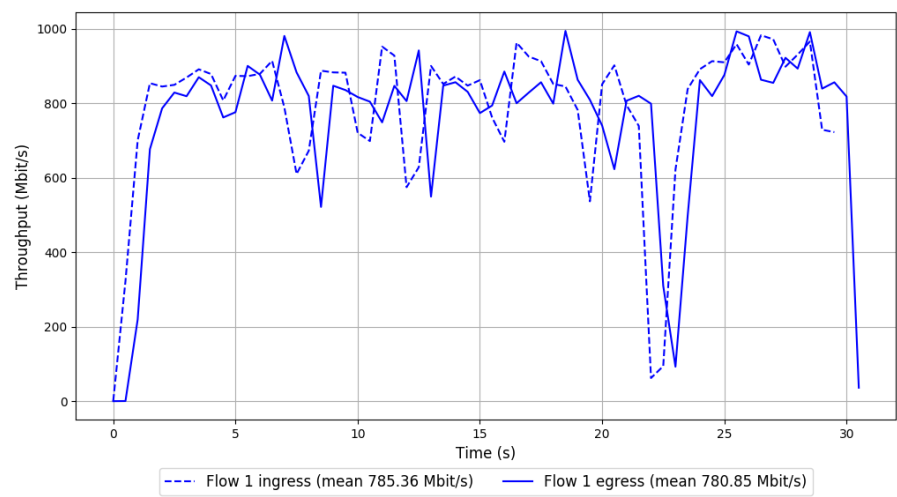
-- Flow 1:

Average throughput: 780.85 Mbit/s

95th percentile per-packet one-way delay: 235.233 ms

Loss rate: 0.57%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-08-02 04:16:43

End at: 2018-08-02 04:17:13

Local clock offset: -0.114 ms

Remote clock offset: 1.234 ms

Below is generated by plot.py at 2018-08-02 05:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 805.86 Mbit/s

95th percentile per-packet one-way delay: 230.119 ms

Loss rate: 2.17%

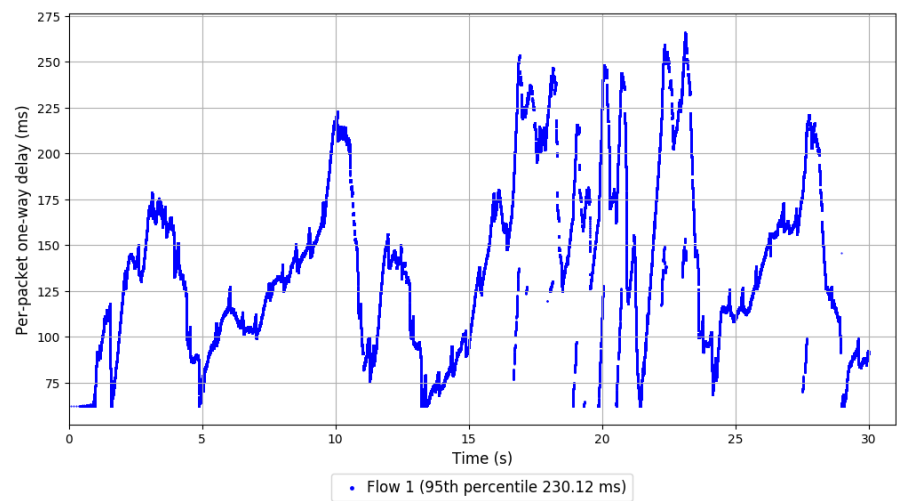
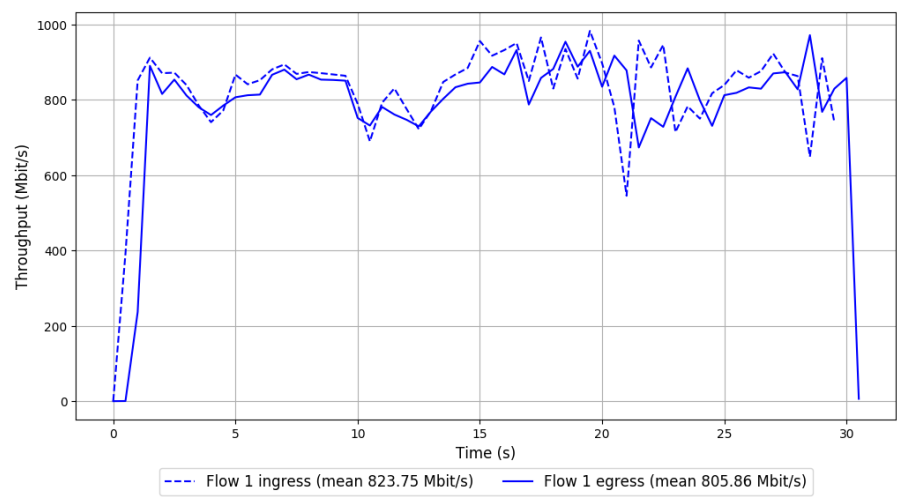
-- Flow 1:

Average throughput: 805.86 Mbit/s

95th percentile per-packet one-way delay: 230.119 ms

Loss rate: 2.17%

Run 9: Report of FillP — Data Link

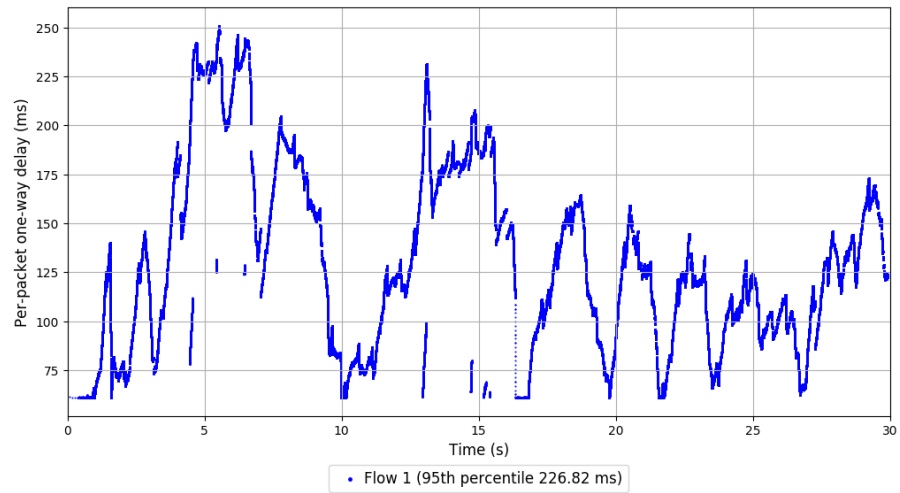
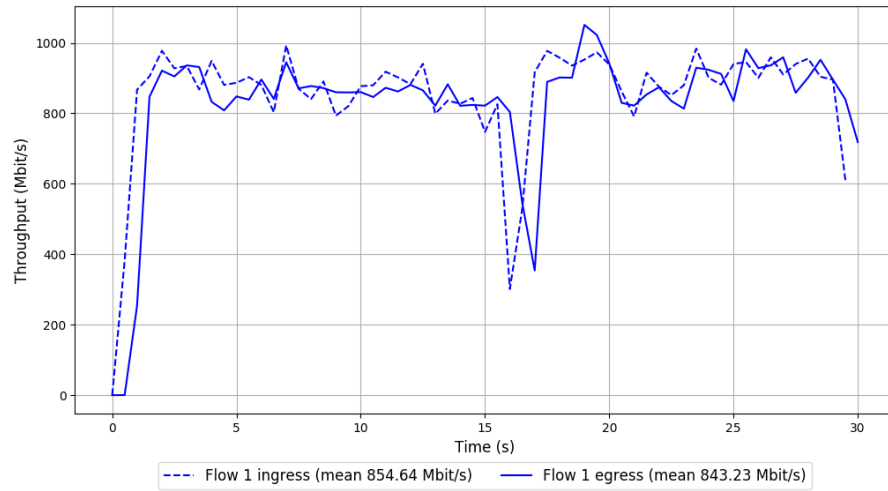


Run 10: Statistics of FillP

Start at: 2018-08-02 04:39:11
End at: 2018-08-02 04:39:41
Local clock offset: -0.065 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2018-08-02 05:51:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 843.23 Mbit/s
95th percentile per-packet one-way delay: 226.820 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 843.23 Mbit/s
95th percentile per-packet one-way delay: 226.820 ms
Loss rate: 1.33%

Run 10: Report of FillP — Data Link

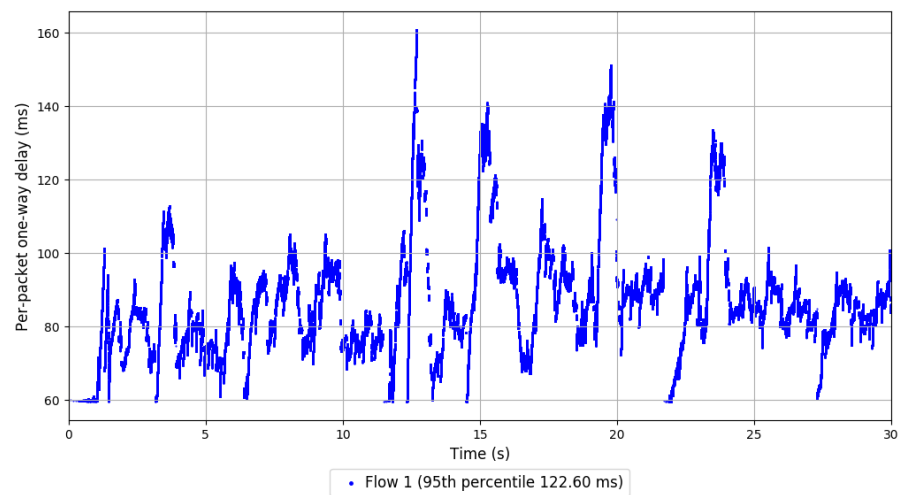
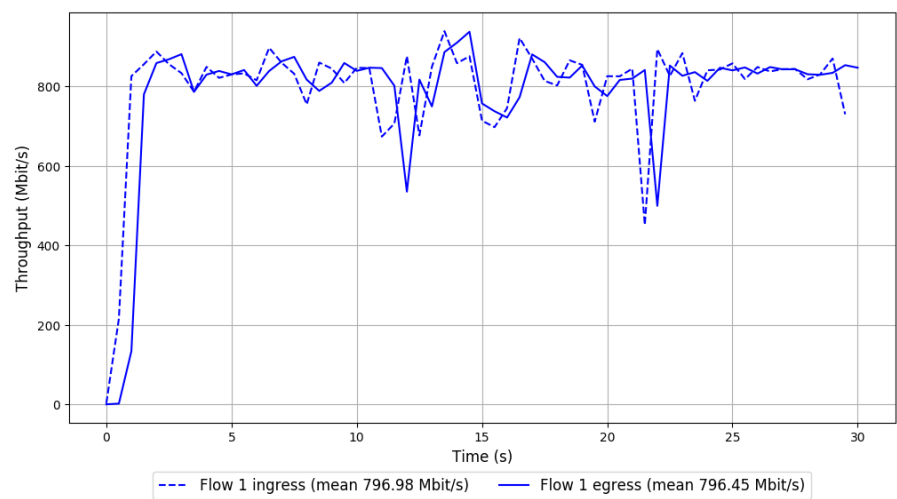


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-02 01:05:45
End at: 2018-08-02 01:06:15
Local clock offset: -0.108 ms
Remote clock offset: -1.501 ms

Below is generated by plot.py at 2018-08-02 05:51:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 796.45 Mbit/s
95th percentile per-packet one-way delay: 122.604 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 796.45 Mbit/s
95th percentile per-packet one-way delay: 122.604 ms
Loss rate: 0.07%

Run 1: Report of FillP-Sheep — Data Link

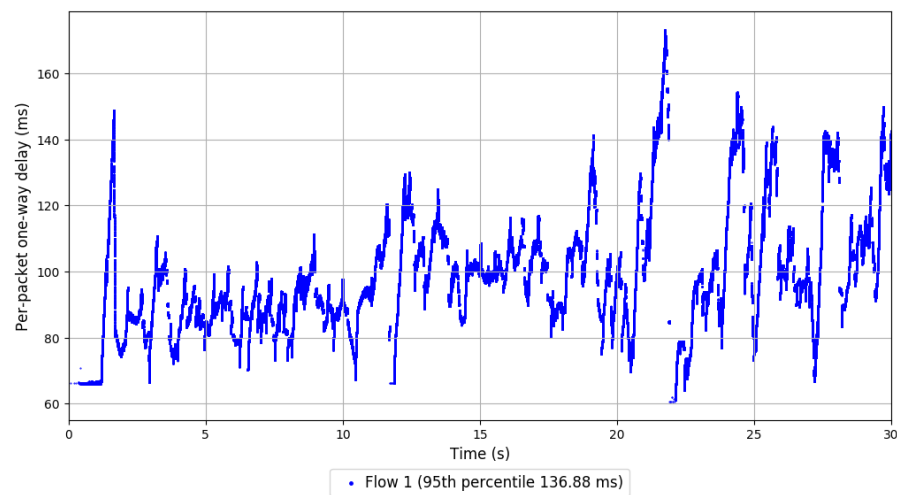
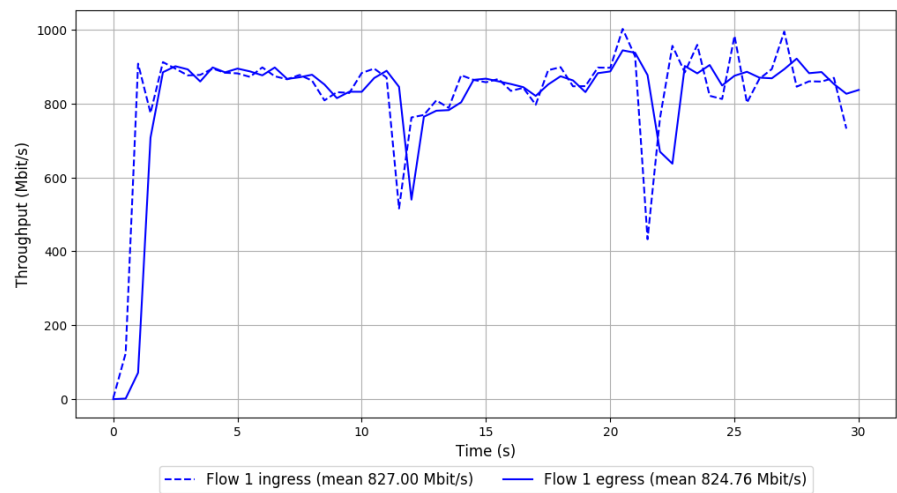


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-02 01:27:54
End at: 2018-08-02 01:28:24
Local clock offset: -0.133 ms
Remote clock offset: -0.572 ms

Below is generated by plot.py at 2018-08-02 05:52:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 824.76 Mbit/s
95th percentile per-packet one-way delay: 136.875 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 824.76 Mbit/s
95th percentile per-packet one-way delay: 136.875 ms
Loss rate: 0.29%

Run 2: Report of FillP-Sheep — Data Link

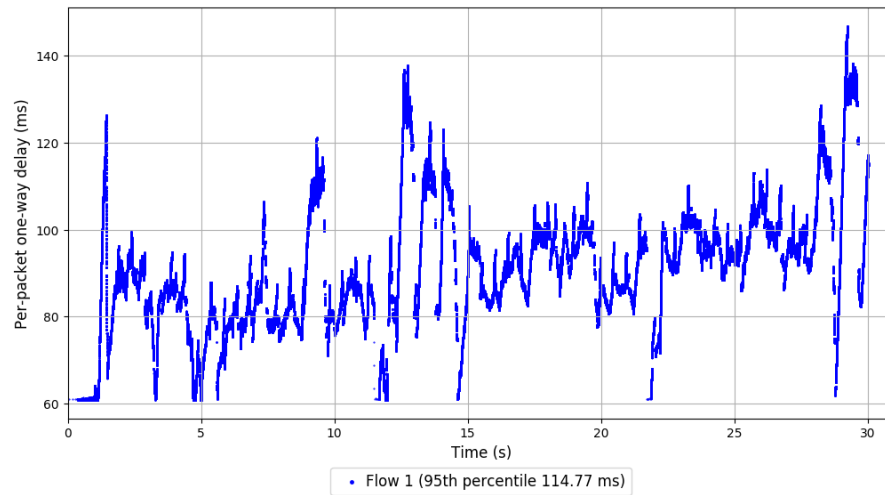
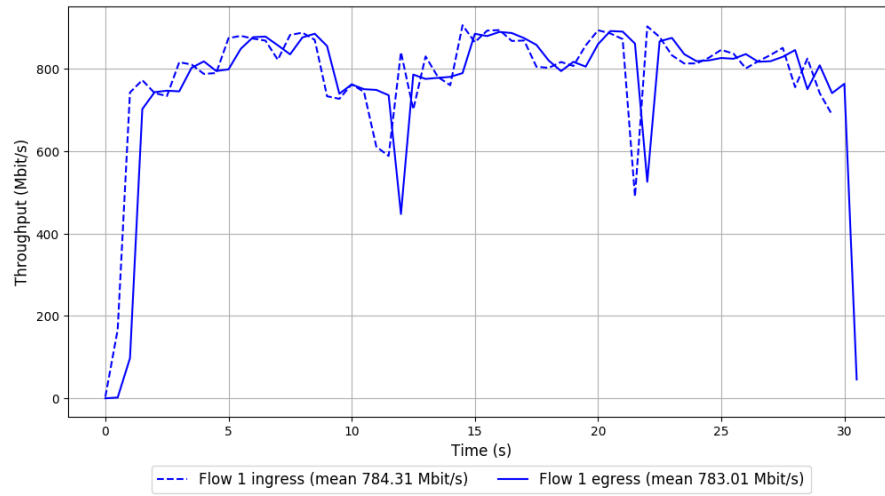


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-02 01:50:10
End at: 2018-08-02 01:50:40
Local clock offset: -0.127 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-08-02 05:52:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 783.01 Mbit/s
95th percentile per-packet one-way delay: 114.772 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 783.01 Mbit/s
95th percentile per-packet one-way delay: 114.772 ms
Loss rate: 0.14%

Run 3: Report of FillP-Sheep — Data Link

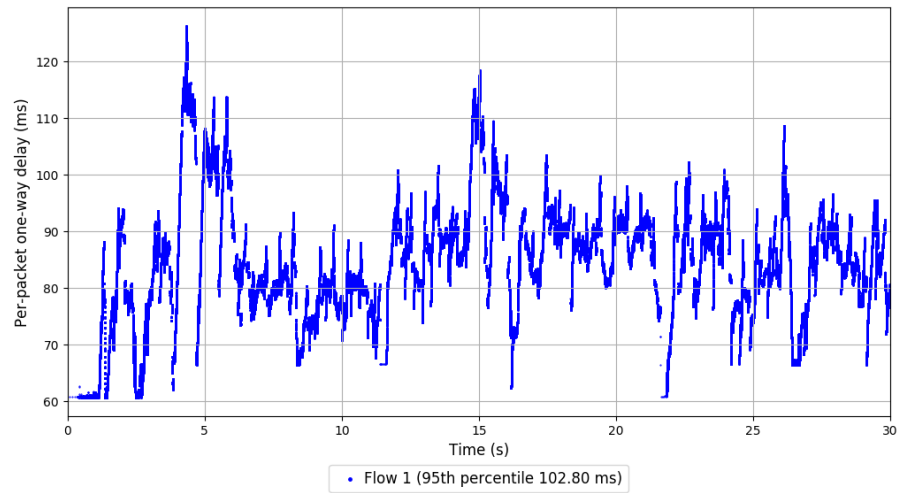
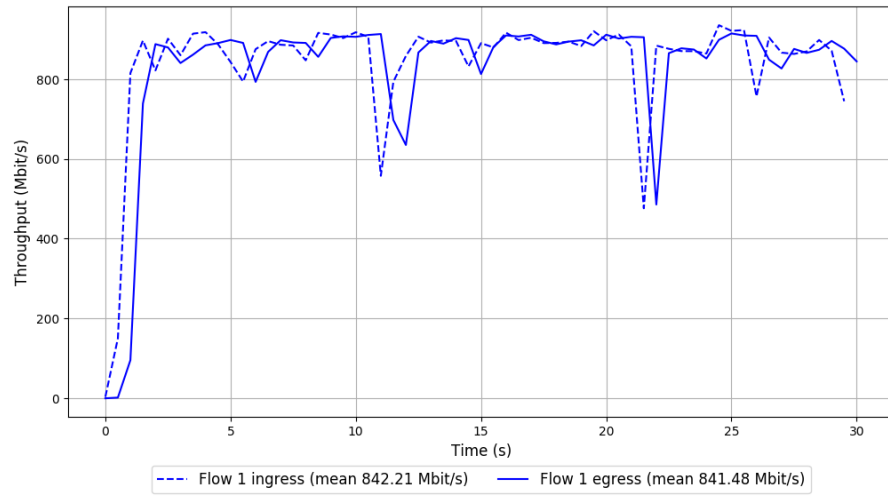


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-02 02:11:49
End at: 2018-08-02 02:12:19
Local clock offset: -0.148 ms
Remote clock offset: -0.333 ms

Below is generated by plot.py at 2018-08-02 05:53:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 841.48 Mbit/s
95th percentile per-packet one-way delay: 102.797 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 841.48 Mbit/s
95th percentile per-packet one-way delay: 102.797 ms
Loss rate: 0.08%

Run 4: Report of FillP-Sheep — Data Link

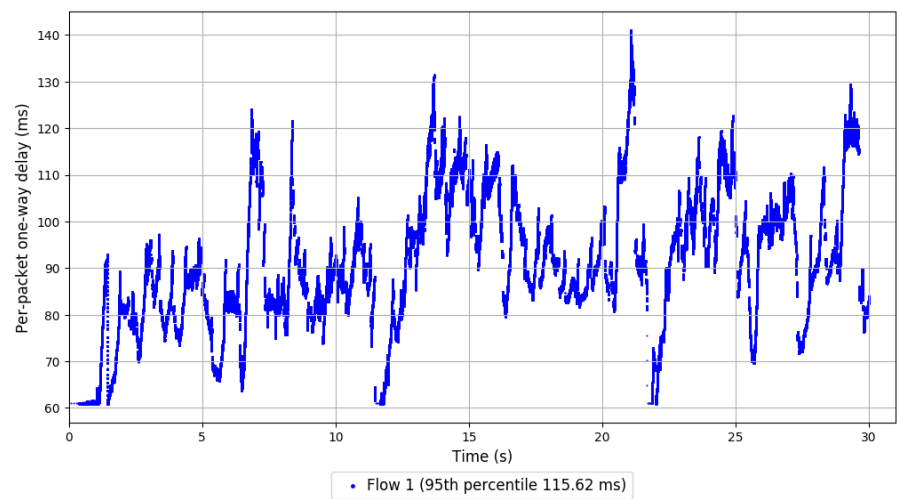
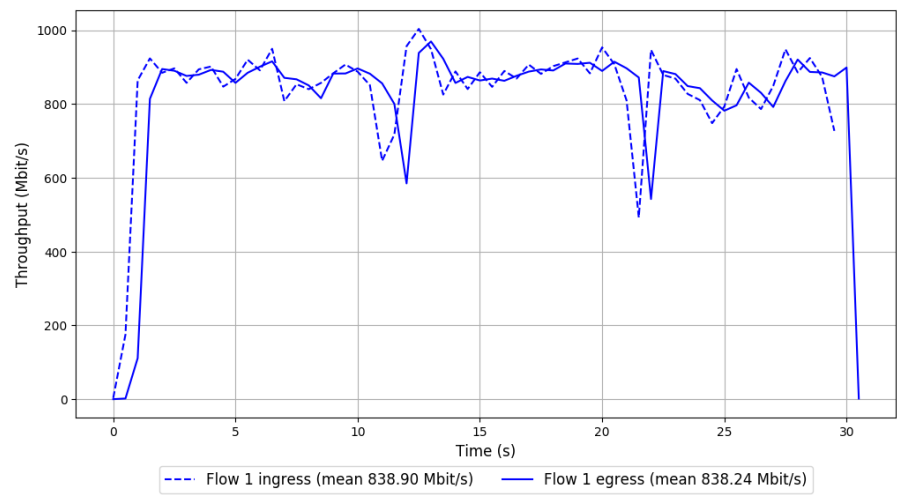


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-02 02:33:37
End at: 2018-08-02 02:34:07
Local clock offset: -0.186 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2018-08-02 05:53:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 838.24 Mbit/s
95th percentile per-packet one-way delay: 115.618 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 838.24 Mbit/s
95th percentile per-packet one-way delay: 115.618 ms
Loss rate: 0.06%

Run 5: Report of FillP-Sheep — Data Link

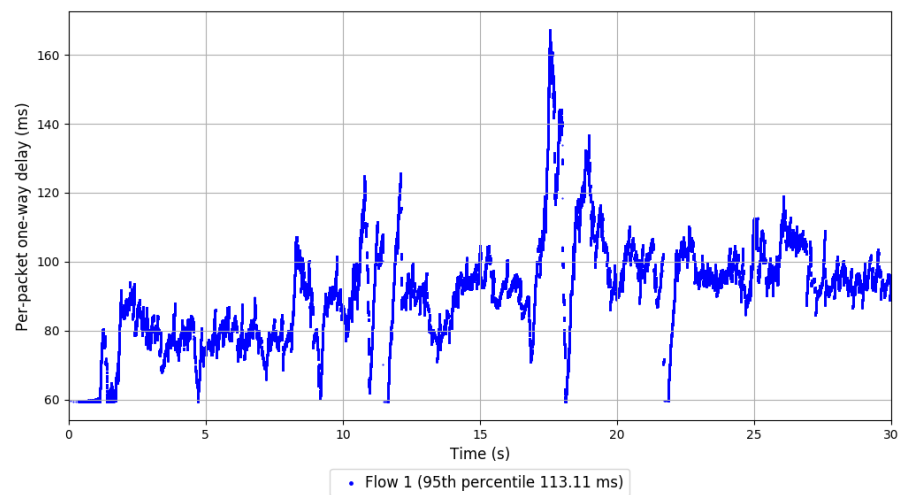
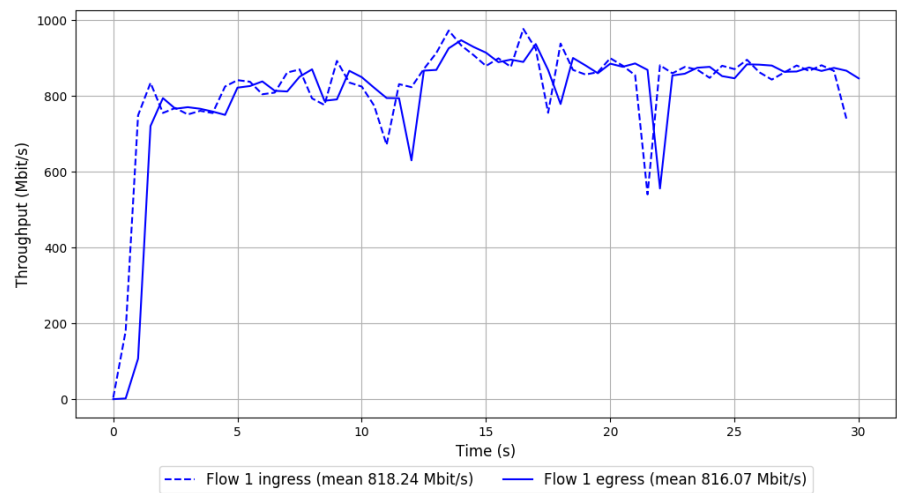


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-02 02:56:16
End at: 2018-08-02 02:56:46
Local clock offset: -0.156 ms
Remote clock offset: -1.491 ms

Below is generated by plot.py at 2018-08-02 05:53:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 816.07 Mbit/s
95th percentile per-packet one-way delay: 113.105 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 816.07 Mbit/s
95th percentile per-packet one-way delay: 113.105 ms
Loss rate: 0.26%

Run 6: Report of FillP-Sheep — Data Link

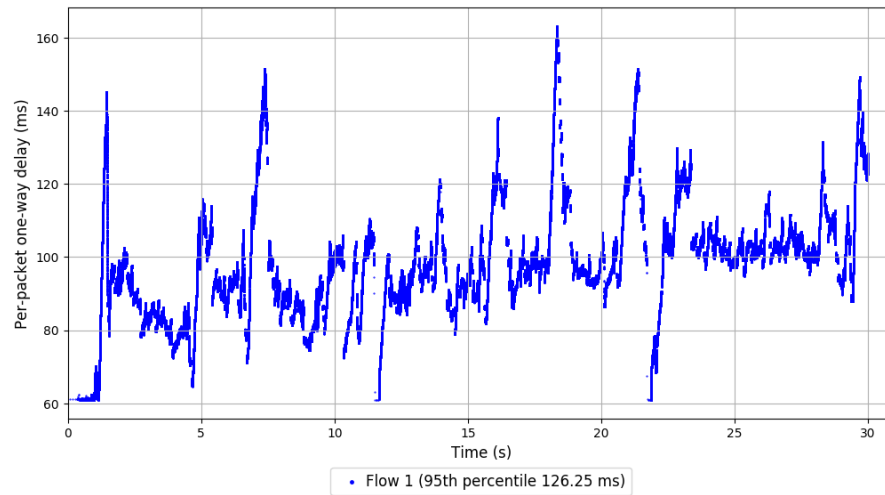
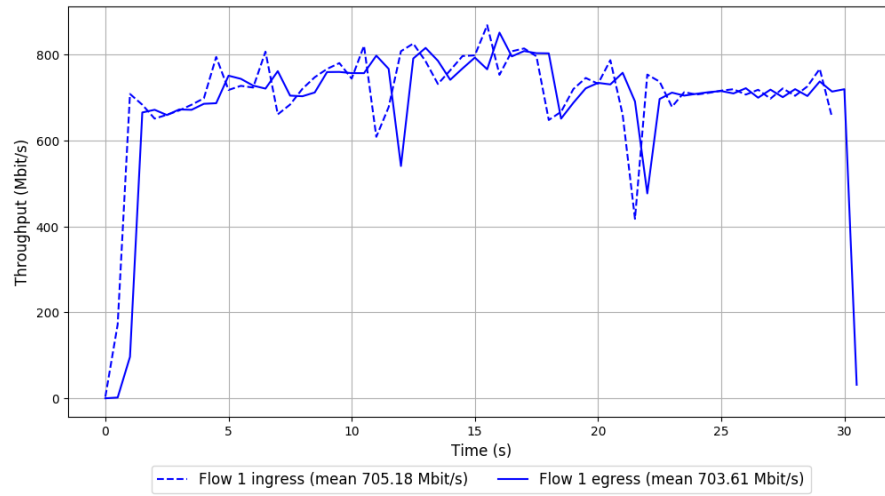


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-02 03:18:25
End at: 2018-08-02 03:18:55
Local clock offset: -0.208 ms
Remote clock offset: -0.181 ms

Below is generated by plot.py at 2018-08-02 06:07:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 703.61 Mbit/s
95th percentile per-packet one-way delay: 126.254 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 703.61 Mbit/s
95th percentile per-packet one-way delay: 126.254 ms
Loss rate: 0.22%

Run 7: Report of FillP-Sheep — Data Link

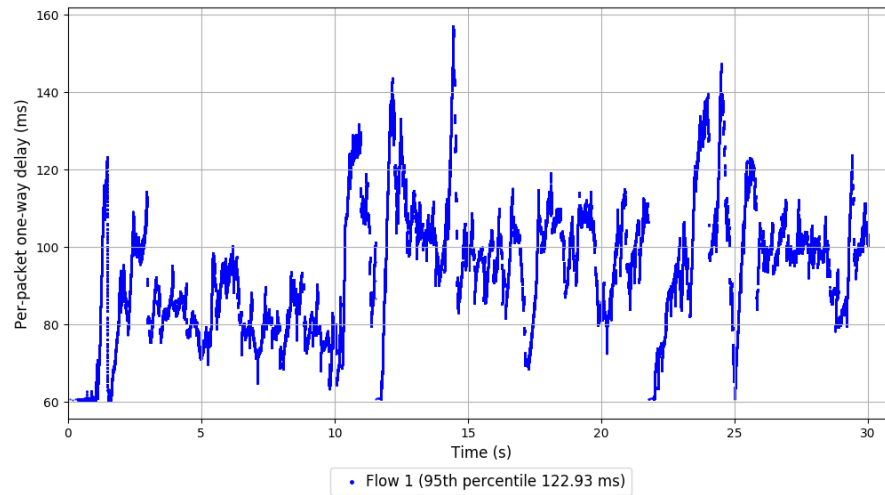
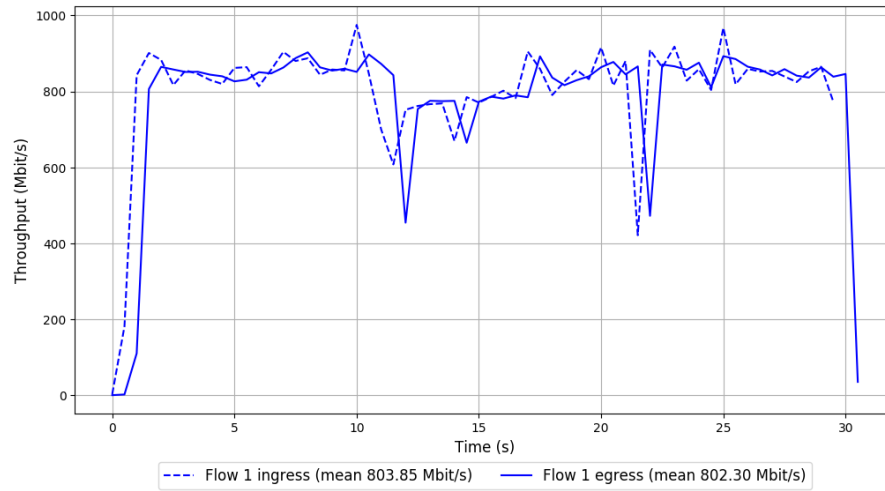


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-02 03:40:25
End at: 2018-08-02 03:40:55
Local clock offset: -0.073 ms
Remote clock offset: -0.347 ms

Below is generated by plot.py at 2018-08-02 06:09:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 802.30 Mbit/s
95th percentile per-packet one-way delay: 122.934 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 802.30 Mbit/s
95th percentile per-packet one-way delay: 122.934 ms
Loss rate: 0.19%

Run 8: Report of FillP-Sheep — Data Link

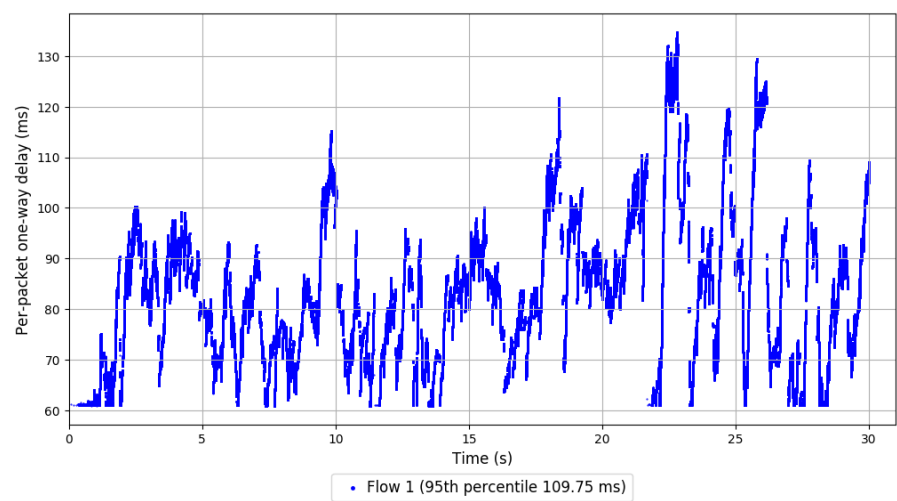
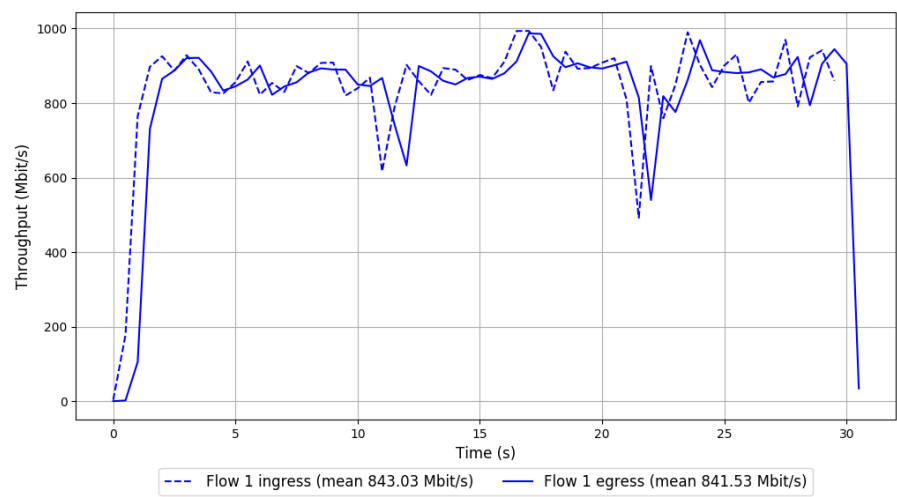


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-02 04:03:03
End at: 2018-08-02 04:03:33
Local clock offset: -0.068 ms
Remote clock offset: 0.173 ms

Below is generated by plot.py at 2018-08-02 06:11:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 841.53 Mbit/s
95th percentile per-packet one-way delay: 109.749 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 841.53 Mbit/s
95th percentile per-packet one-way delay: 109.749 ms
Loss rate: 0.17%

Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-08-02 04:25:18

End at: 2018-08-02 04:25:48

Local clock offset: -0.074 ms

Remote clock offset: -0.35 ms

Below is generated by plot.py at 2018-08-02 06:12:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 853.43 Mbit/s

95th percentile per-packet one-way delay: 110.785 ms

Loss rate: 0.07%

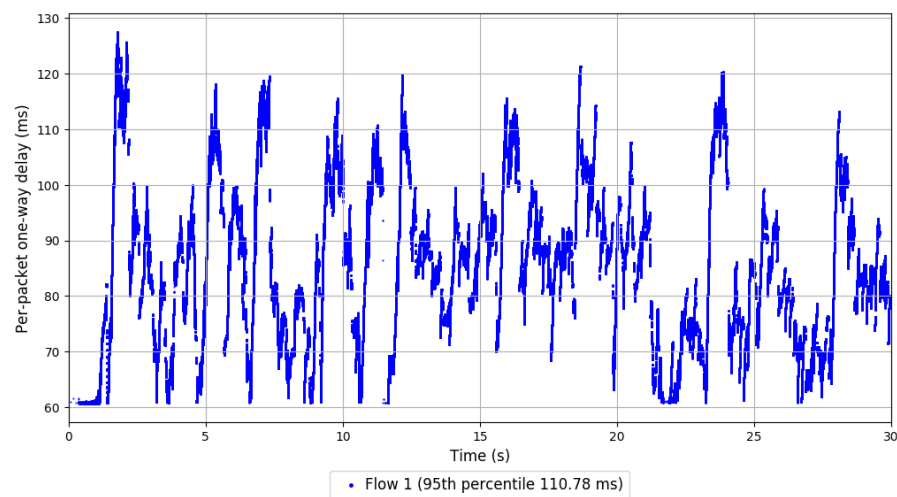
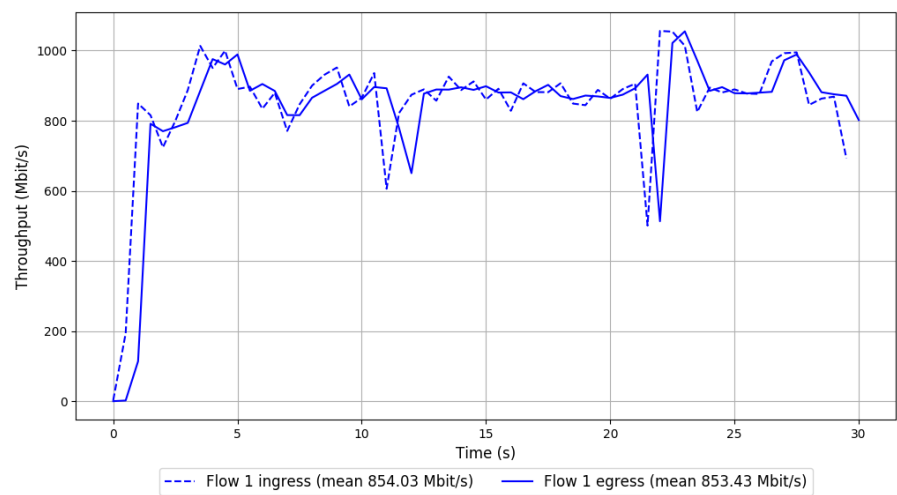
-- Flow 1:

Average throughput: 853.43 Mbit/s

95th percentile per-packet one-way delay: 110.785 ms

Loss rate: 0.07%

Run 10: Report of FillP-Sheep — Data Link

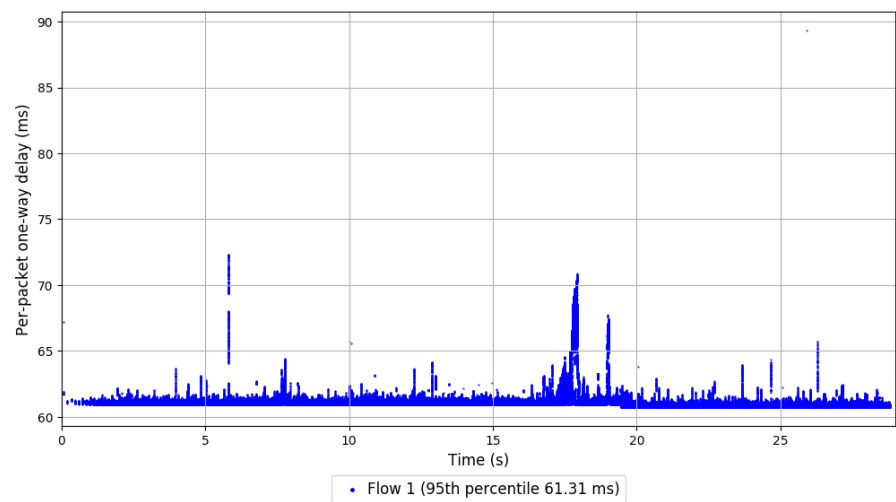
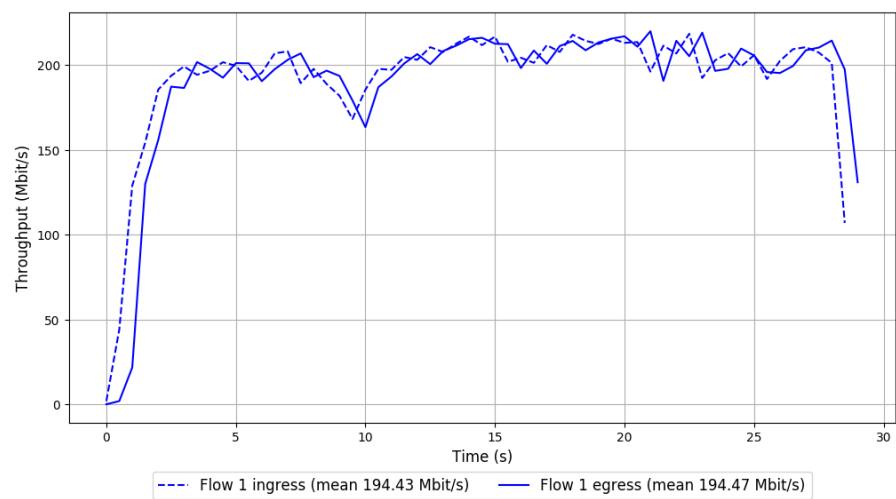


Run 1: Statistics of Indigo

Start at: 2018-08-02 01:08:53
End at: 2018-08-02 01:09:23
Local clock offset: -0.102 ms
Remote clock offset: -0.219 ms

Below is generated by plot.py at 2018-08-02 06:12:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 194.47 Mbit/s
95th percentile per-packet one-way delay: 61.314 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 194.47 Mbit/s
95th percentile per-packet one-way delay: 61.314 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-08-02 01:31:01

End at: 2018-08-02 01:31:31

Local clock offset: -0.122 ms

Remote clock offset: -1.31 ms

Below is generated by plot.py at 2018-08-02 06:12:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 195.38 Mbit/s

95th percentile per-packet one-way delay: 60.108 ms

Loss rate: 0.00%

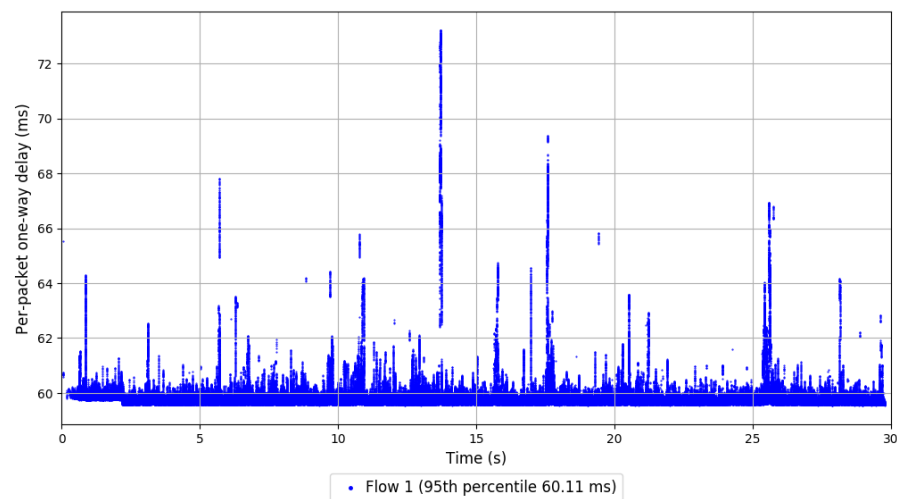
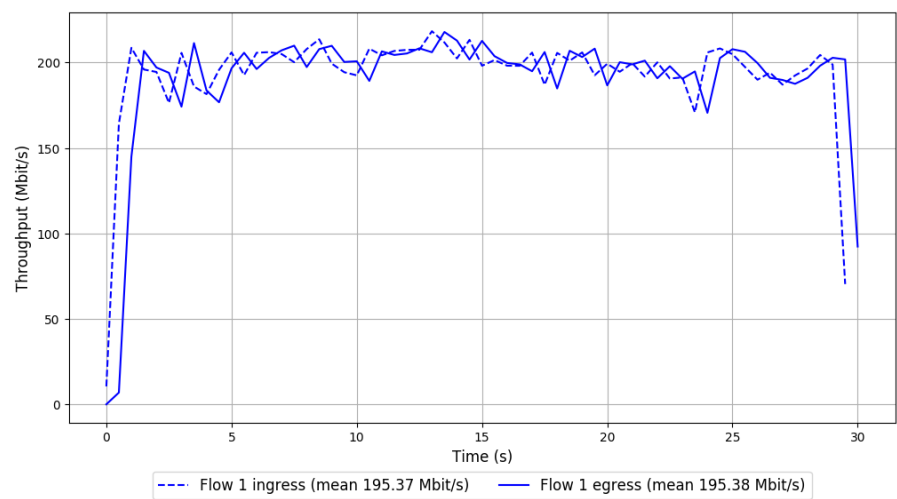
-- Flow 1:

Average throughput: 195.38 Mbit/s

95th percentile per-packet one-way delay: 60.108 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

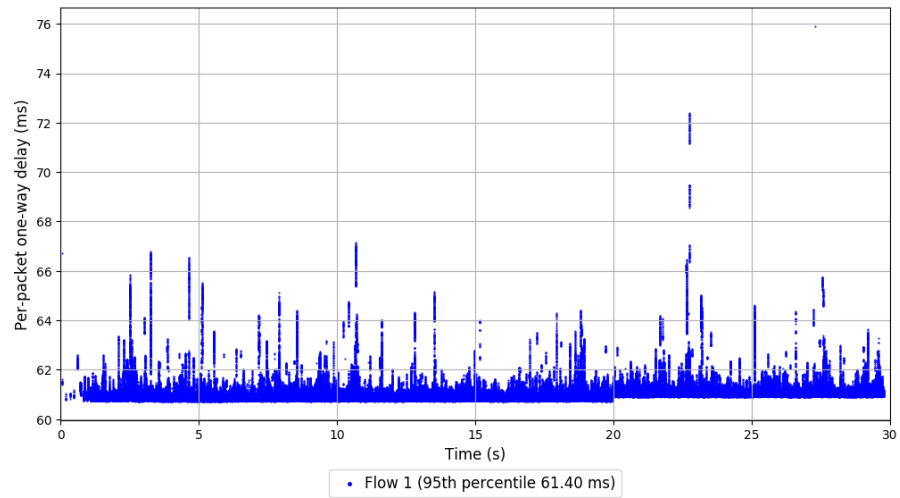
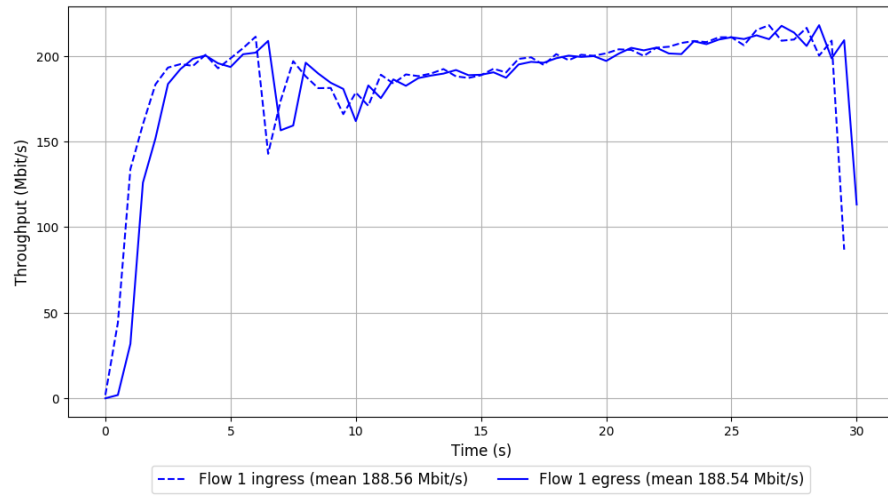


Run 3: Statistics of Indigo

Start at: 2018-08-02 01:53:13
End at: 2018-08-02 01:53:43
Local clock offset: -0.143 ms
Remote clock offset: -0.167 ms

Below is generated by plot.py at 2018-08-02 06:12:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 188.54 Mbit/s
95th percentile per-packet one-way delay: 61.404 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 188.54 Mbit/s
95th percentile per-packet one-way delay: 61.404 ms
Loss rate: 0.01%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-08-02 02:14:58

End at: 2018-08-02 02:15:28

Local clock offset: -0.175 ms

Remote clock offset: 0.107 ms

Below is generated by plot.py at 2018-08-02 06:12:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 192.75 Mbit/s

95th percentile per-packet one-way delay: 61.716 ms

Loss rate: 0.00%

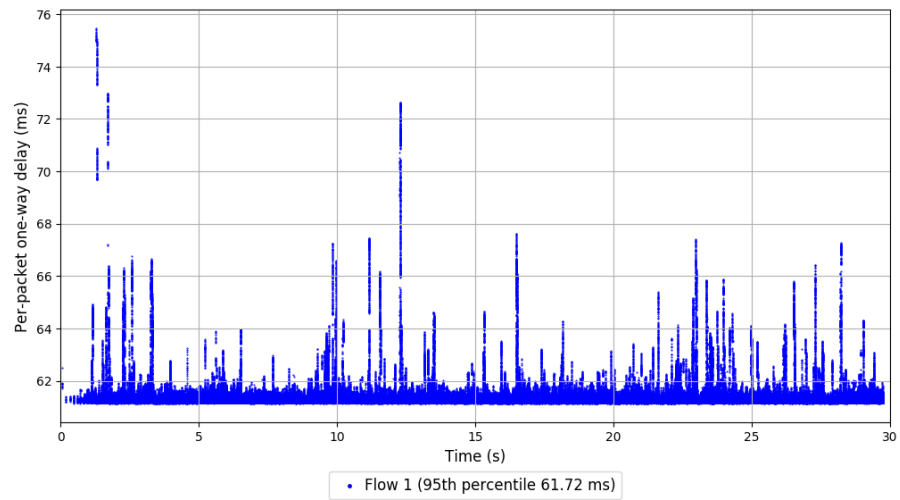
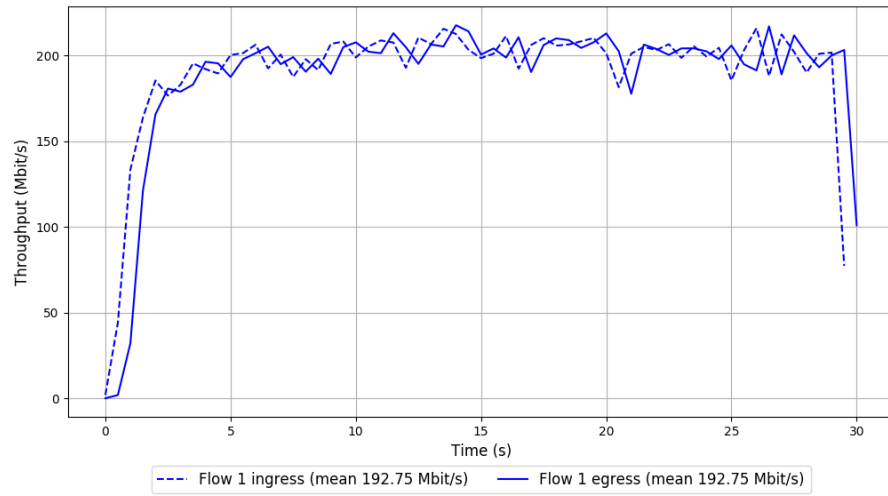
-- Flow 1:

Average throughput: 192.75 Mbit/s

95th percentile per-packet one-way delay: 61.716 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

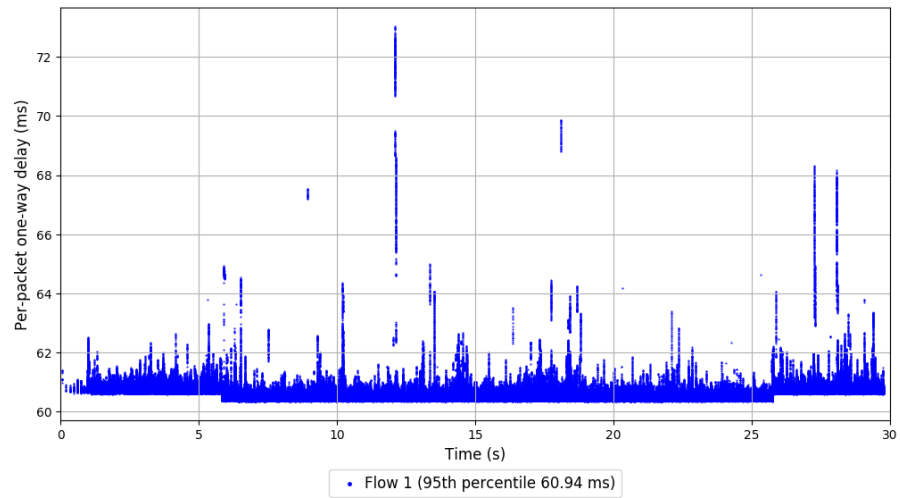
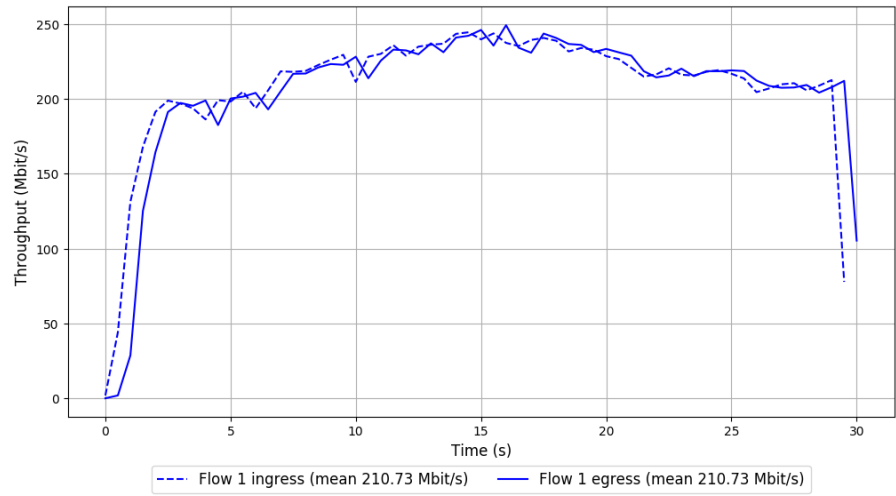


Run 5: Statistics of Indigo

Start at: 2018-08-02 02:36:47
End at: 2018-08-02 02:37:17
Local clock offset: -0.166 ms
Remote clock offset: -0.417 ms

Below is generated by plot.py at 2018-08-02 06:12:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 210.73 Mbit/s
95th percentile per-packet one-way delay: 60.939 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 210.73 Mbit/s
95th percentile per-packet one-way delay: 60.939 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

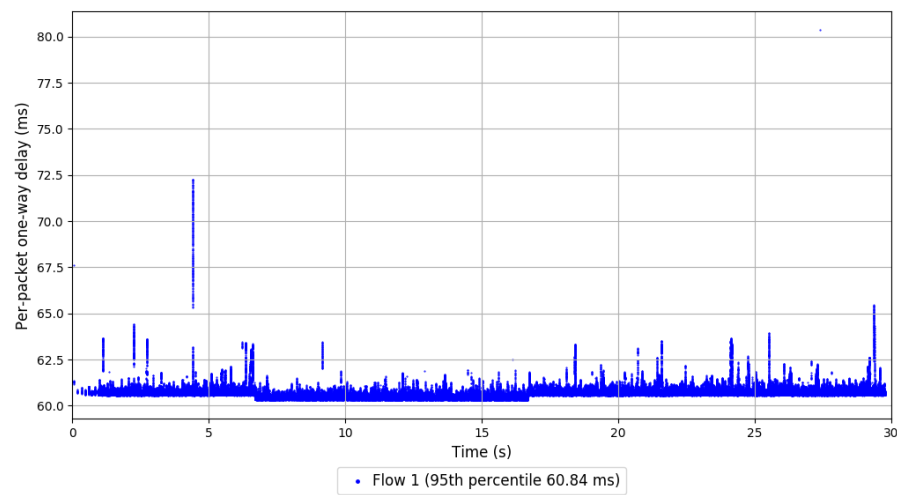
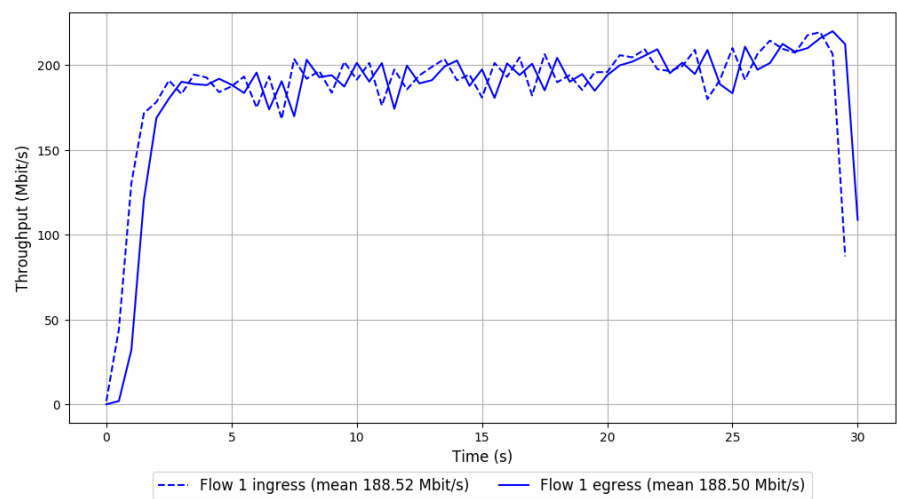


Run 6: Statistics of Indigo

Start at: 2018-08-02 02:59:26
End at: 2018-08-02 02:59:56
Local clock offset: -0.192 ms
Remote clock offset: -0.416 ms

Below is generated by plot.py at 2018-08-02 06:12:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 188.50 Mbit/s
95th percentile per-packet one-way delay: 60.841 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 188.50 Mbit/s
95th percentile per-packet one-way delay: 60.841 ms
Loss rate: 0.01%

Run 6: Report of Indigo — Data Link

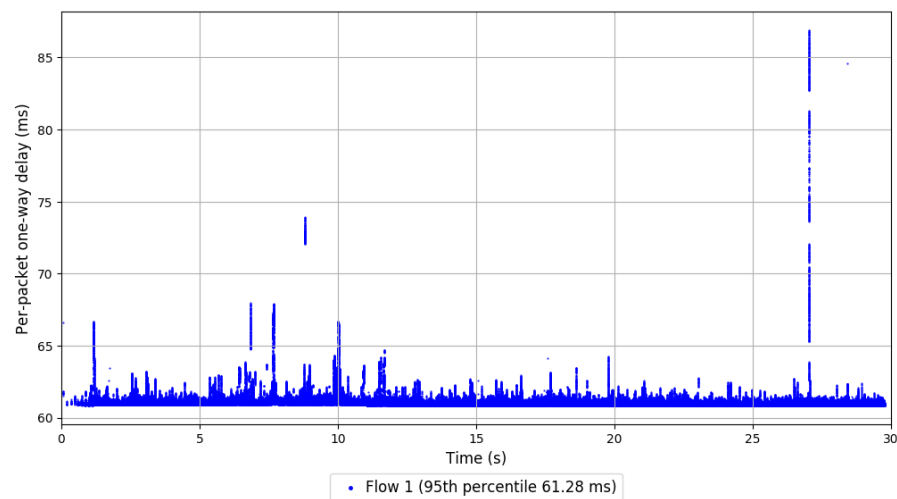
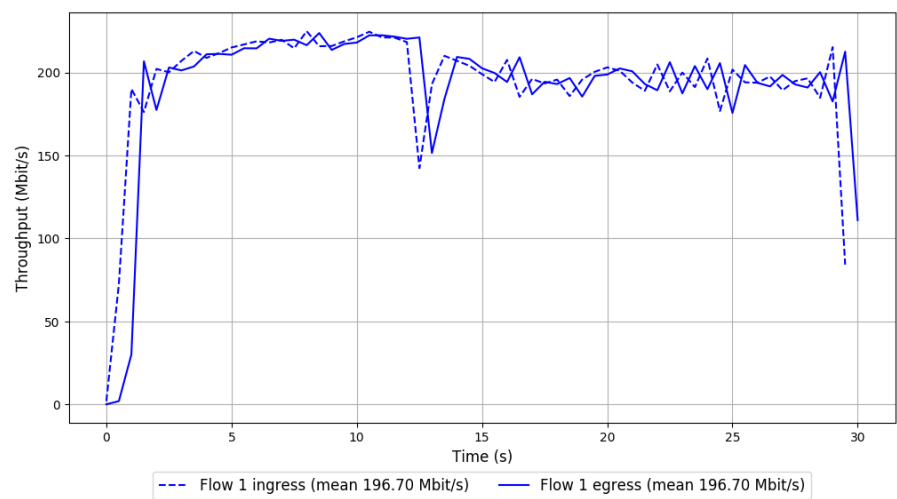


Run 7: Statistics of Indigo

Start at: 2018-08-02 03:21:22
End at: 2018-08-02 03:21:52
Local clock offset: -0.165 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-08-02 06:12:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 196.70 Mbit/s
95th percentile per-packet one-way delay: 61.276 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 196.70 Mbit/s
95th percentile per-packet one-way delay: 61.276 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

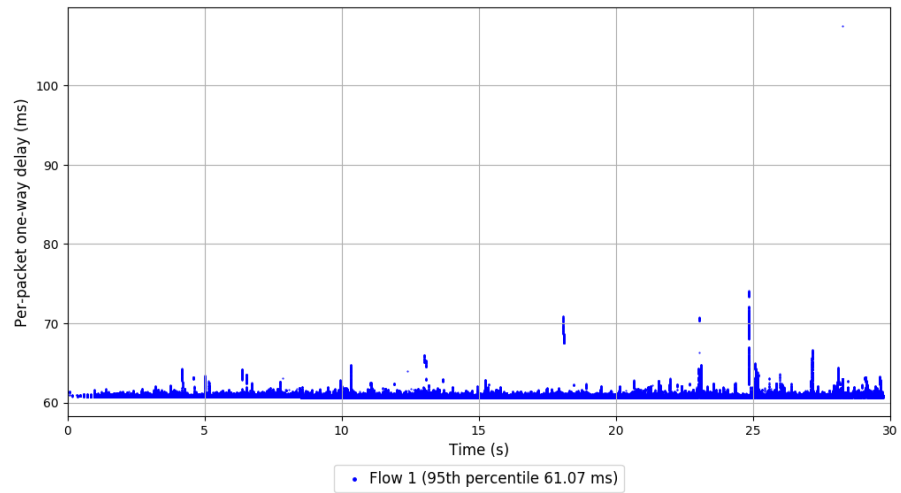
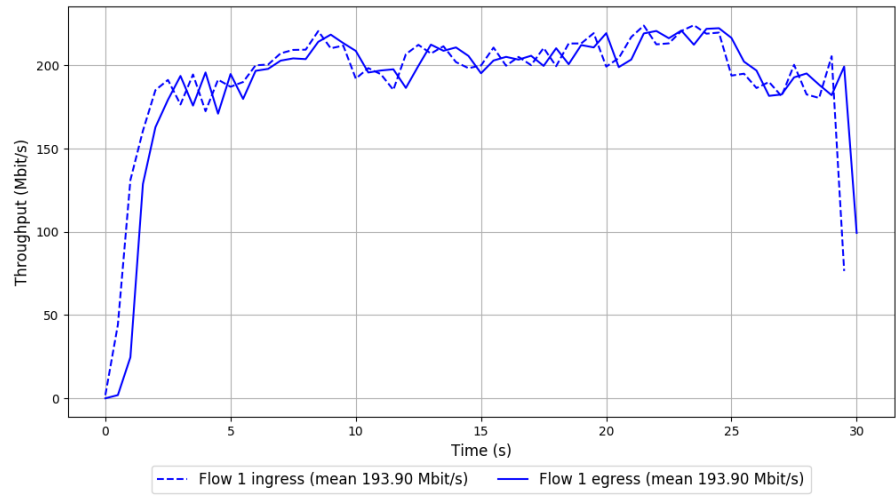


Run 8: Statistics of Indigo

Start at: 2018-08-02 03:43:34
End at: 2018-08-02 03:44:04
Local clock offset: -0.059 ms
Remote clock offset: -0.229 ms

Below is generated by plot.py at 2018-08-02 06:12:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 193.90 Mbit/s
95th percentile per-packet one-way delay: 61.066 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 193.90 Mbit/s
95th percentile per-packet one-way delay: 61.066 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

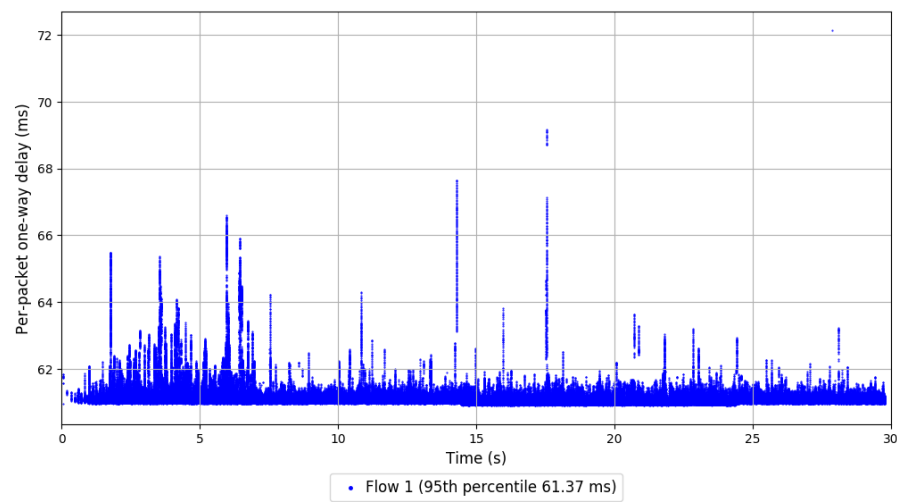
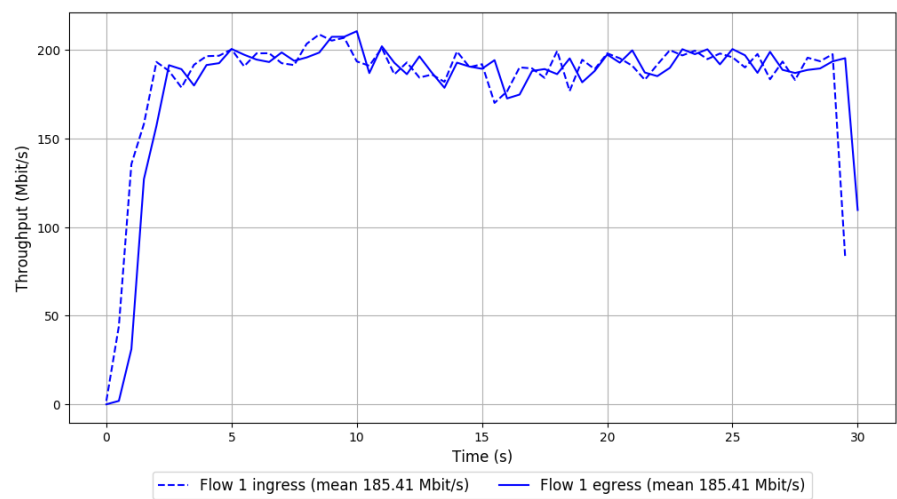


Run 9: Statistics of Indigo

Start at: 2018-08-02 04:06:09
End at: 2018-08-02 04:06:39
Local clock offset: -0.074 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-08-02 06:12:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 185.41 Mbit/s
95th percentile per-packet one-way delay: 61.367 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 185.41 Mbit/s
95th percentile per-packet one-way delay: 61.367 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-08-02 04:28:26

End at: 2018-08-02 04:28:56

Local clock offset: -0.108 ms

Remote clock offset: -0.333 ms

Below is generated by plot.py at 2018-08-02 06:12:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 198.73 Mbit/s

95th percentile per-packet one-way delay: 61.023 ms

Loss rate: 0.00%

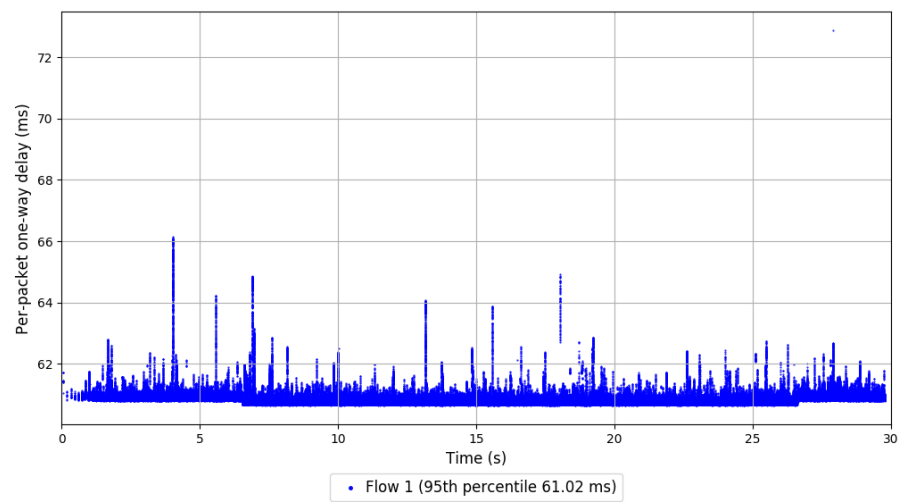
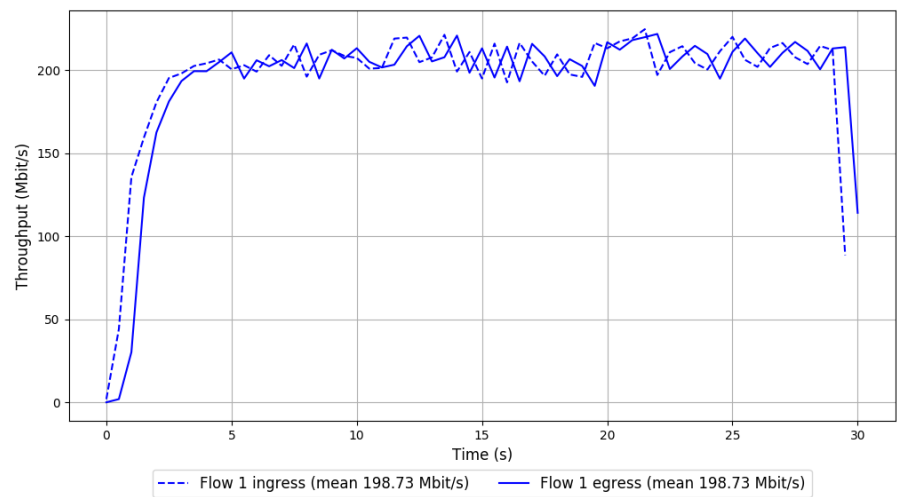
-- Flow 1:

Average throughput: 198.73 Mbit/s

95th percentile per-packet one-way delay: 61.023 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

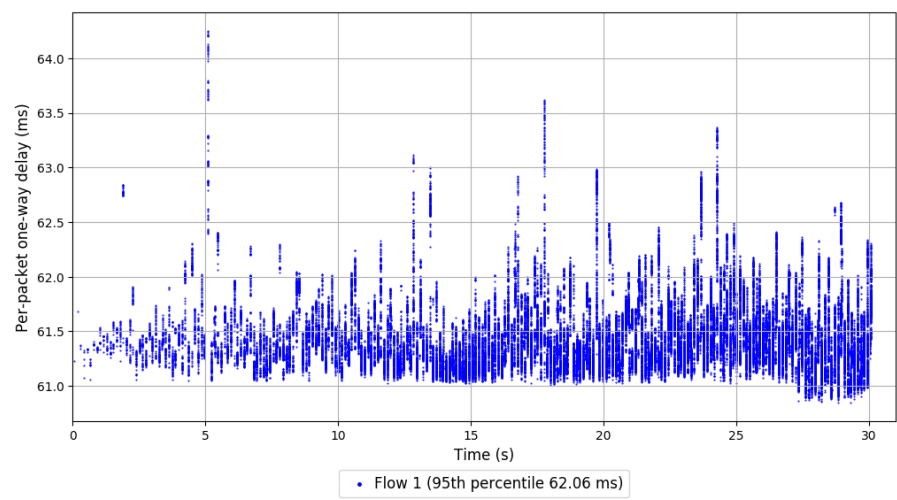
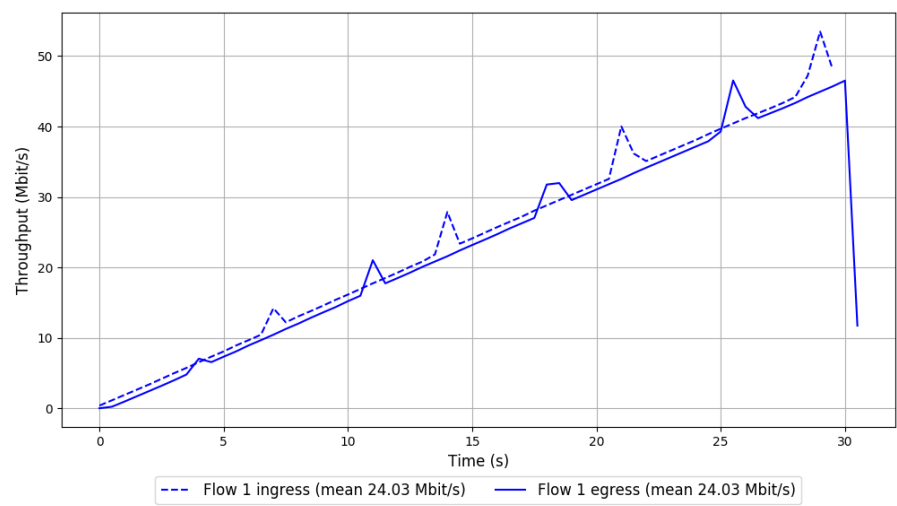


Run 1: Statistics of LEDBAT

Start at: 2018-08-02 01:22:06
End at: 2018-08-02 01:22:36
Local clock offset: -0.09 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2018-08-02 06:12:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 62.060 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 62.060 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

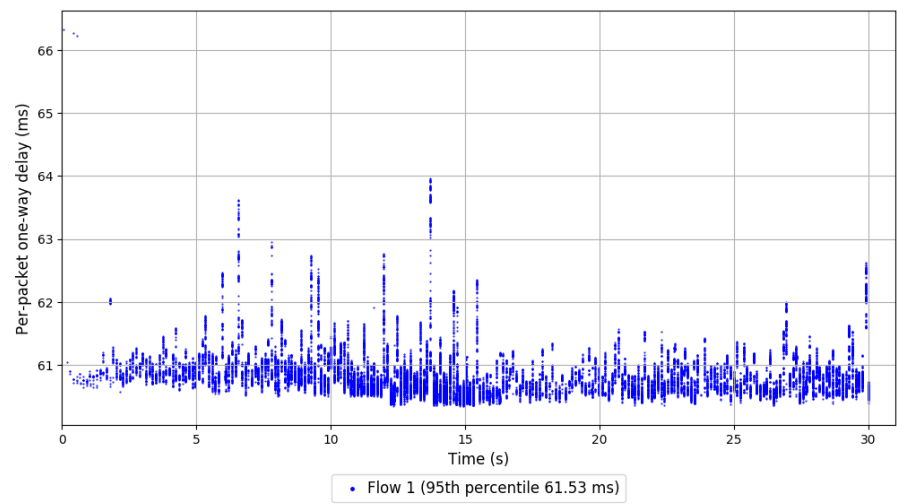
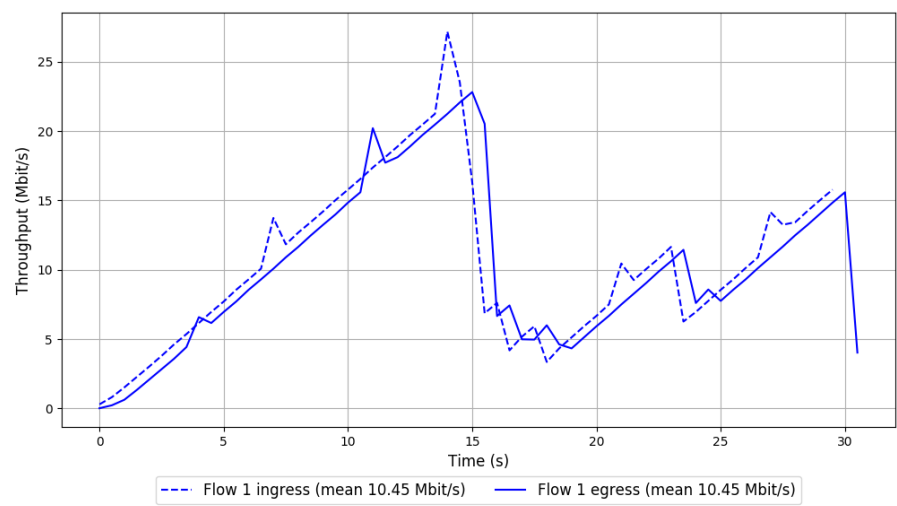


Run 2: Statistics of LEDBAT

Start at: 2018-08-02 01:44:21
End at: 2018-08-02 01:44:51
Local clock offset: -0.166 ms
Remote clock offset: -0.565 ms

Below is generated by plot.py at 2018-08-02 06:12:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.45 Mbit/s
95th percentile per-packet one-way delay: 61.533 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 10.45 Mbit/s
95th percentile per-packet one-way delay: 61.533 ms
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-08-02 02:06:04

End at: 2018-08-02 02:06:34

Local clock offset: -0.183 ms

Remote clock offset: 1.14 ms

Below is generated by plot.py at 2018-08-02 06:12:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 63.224 ms

Loss rate: 0.01%

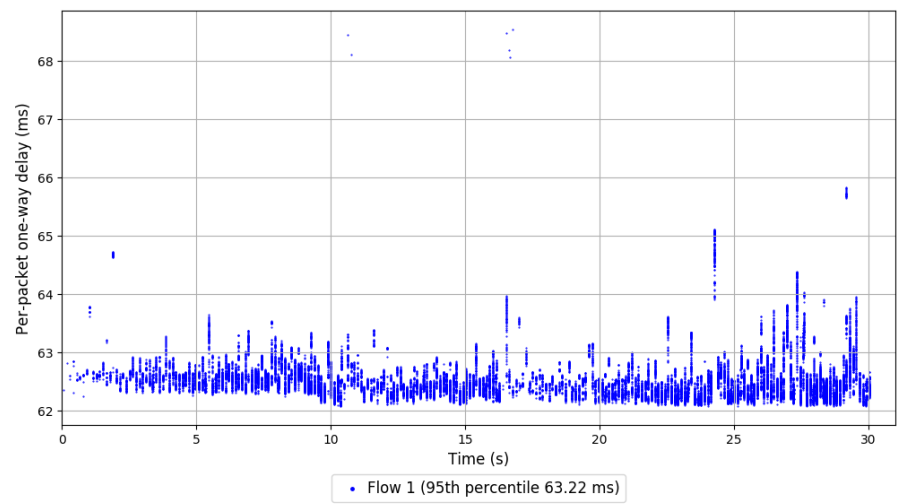
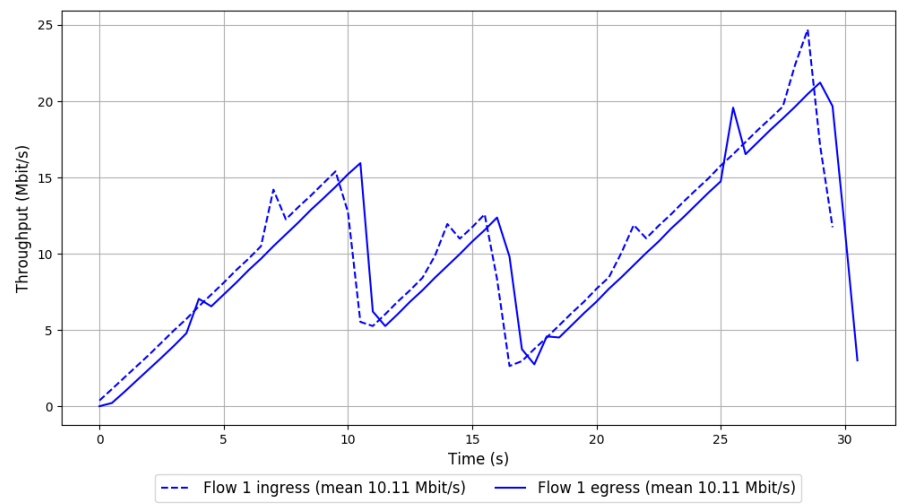
-- Flow 1:

Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 63.224 ms

Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link

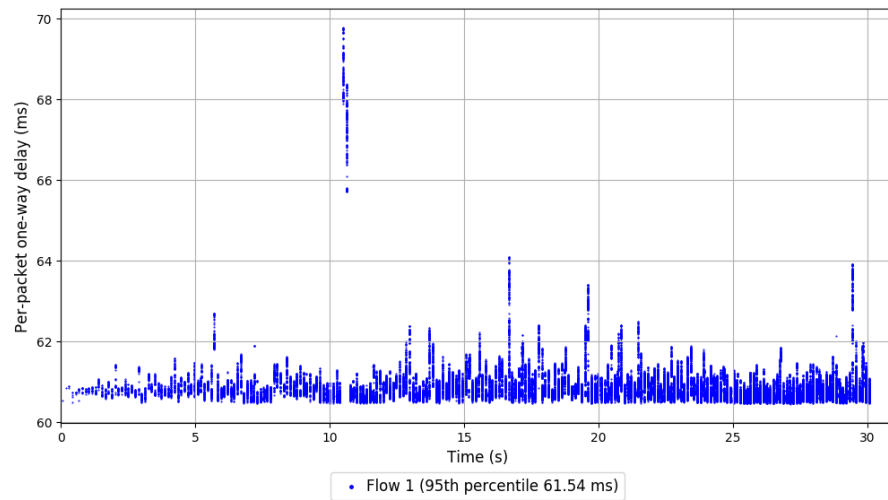
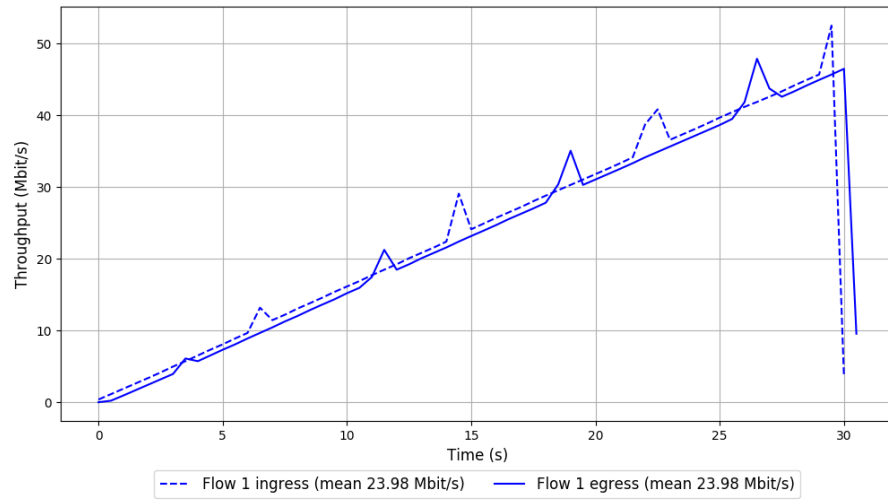


Run 4: Statistics of LEDBAT

Start at: 2018-08-02 02:27:49
End at: 2018-08-02 02:28:19
Local clock offset: -0.169 ms
Remote clock offset: -0.571 ms

Below is generated by plot.py at 2018-08-02 06:12:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 61.544 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 61.544 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

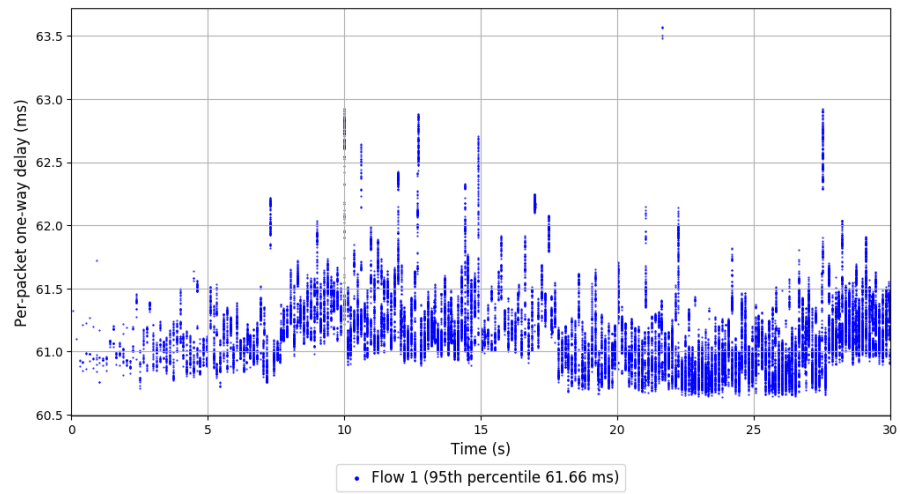
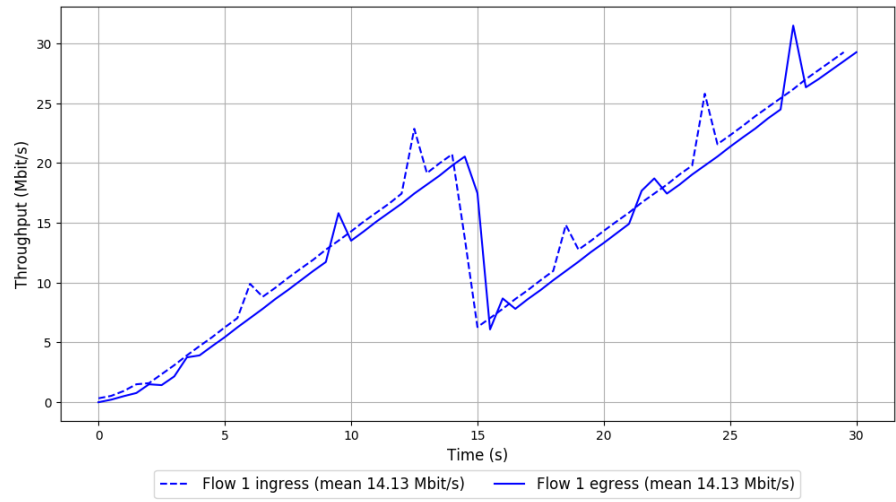


Run 5: Statistics of LEDBAT

Start at: 2018-08-02 02:50:25
End at: 2018-08-02 02:50:56
Local clock offset: -0.196 ms
Remote clock offset: -0.154 ms

Below is generated by plot.py at 2018-08-02 06:12:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.13 Mbit/s
95th percentile per-packet one-way delay: 61.663 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.13 Mbit/s
95th percentile per-packet one-way delay: 61.663 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

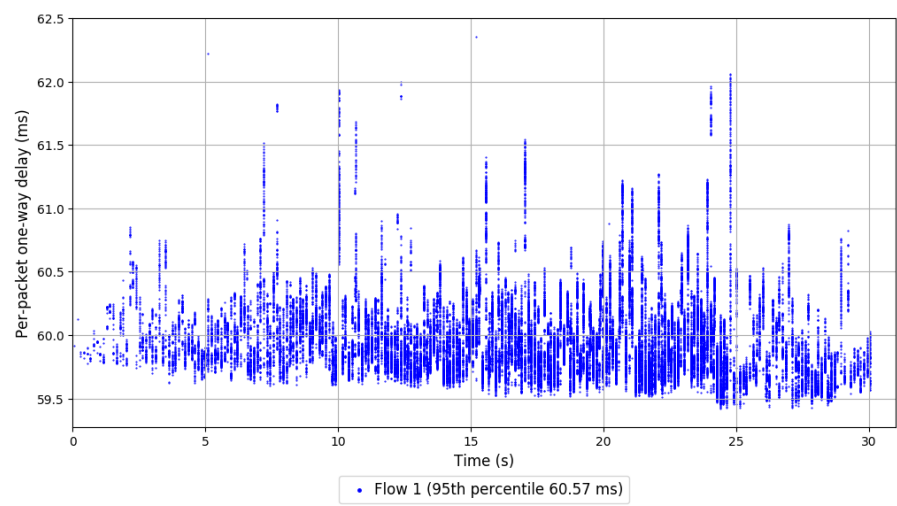
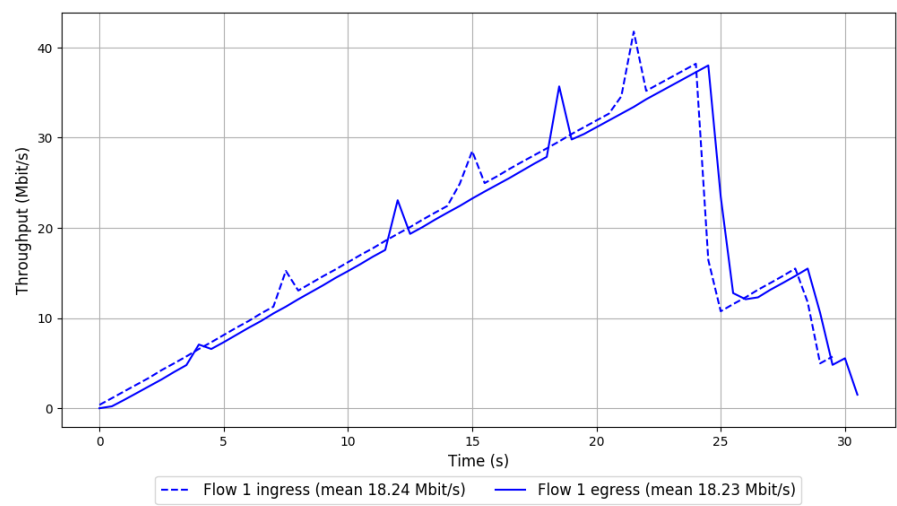


Run 6: Statistics of LEDBAT

Start at: 2018-08-02 03:12:39
End at: 2018-08-02 03:13:09
Local clock offset: -0.213 ms
Remote clock offset: -1.413 ms

Below is generated by plot.py at 2018-08-02 06:12:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.23 Mbit/s
95th percentile per-packet one-way delay: 60.567 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.23 Mbit/s
95th percentile per-packet one-way delay: 60.567 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

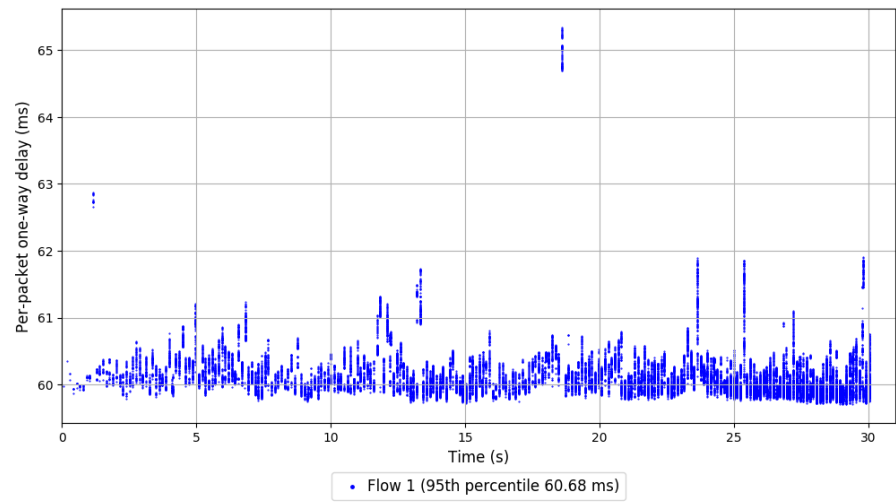
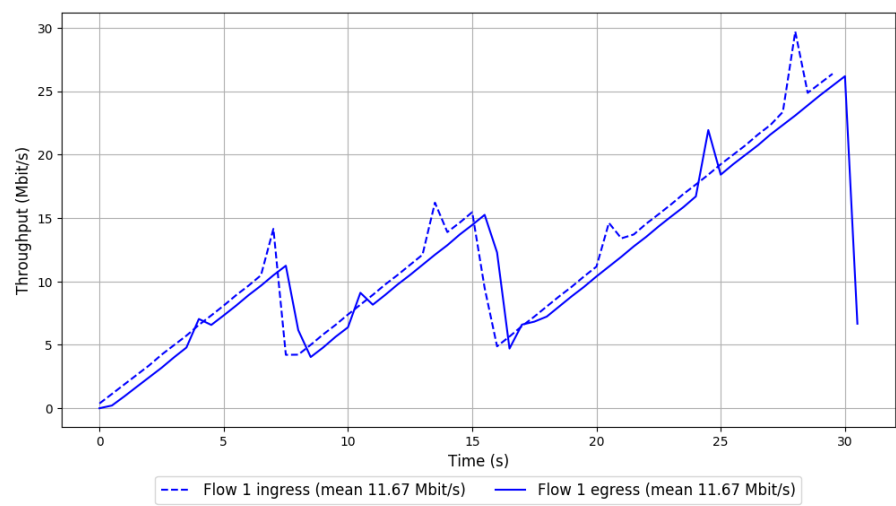


Run 7: Statistics of LEDBAT

Start at: 2018-08-02 03:34:36
End at: 2018-08-02 03:35:06
Local clock offset: -0.13 ms
Remote clock offset: -1.211 ms

Below is generated by plot.py at 2018-08-02 06:12:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 60.677 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 60.677 ms
Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link

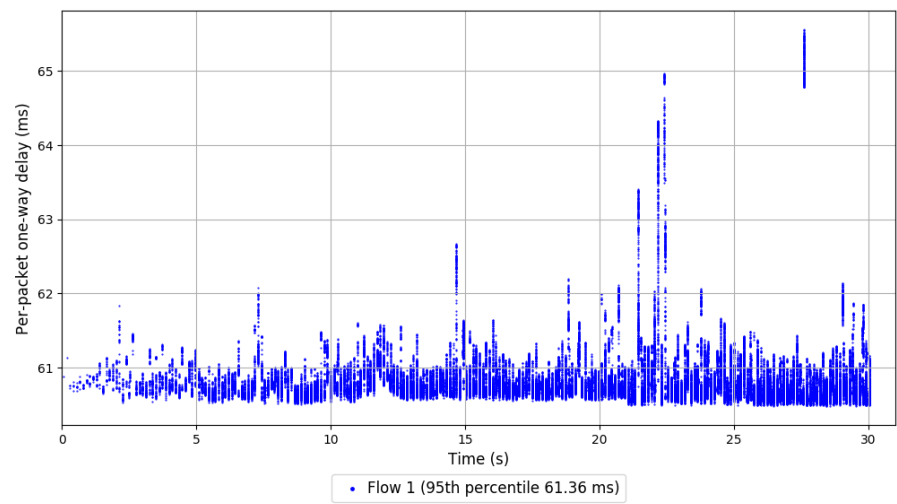
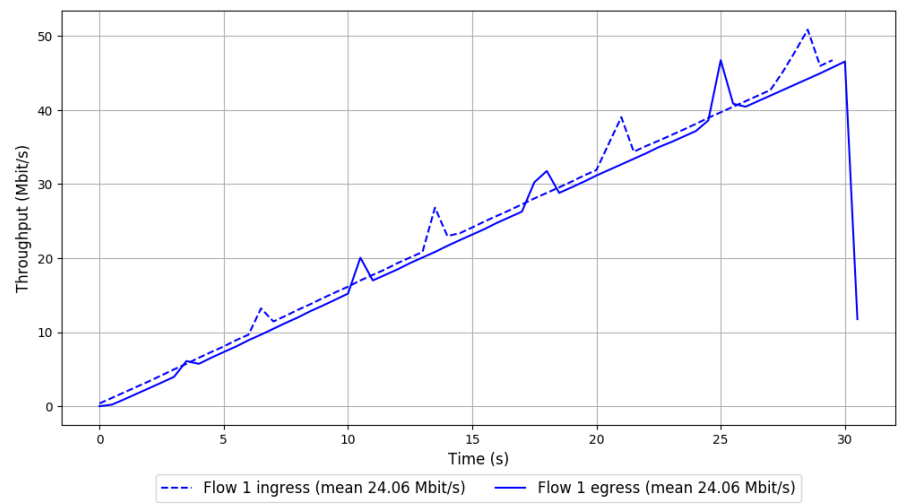


Run 8: Statistics of LEDBAT

Start at: 2018-08-02 03:57:12
End at: 2018-08-02 03:57:42
Local clock offset: -0.036 ms
Remote clock offset: -0.357 ms

Below is generated by plot.py at 2018-08-02 06:12:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 61.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 61.362 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

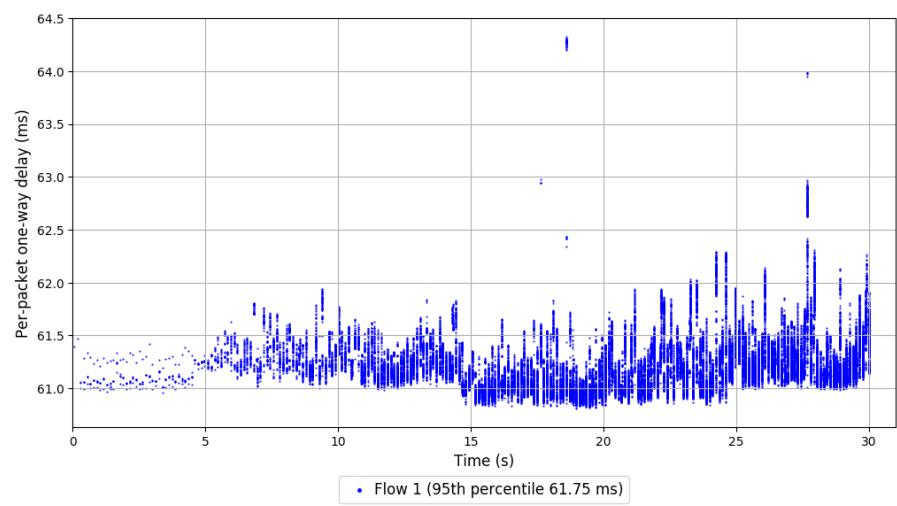
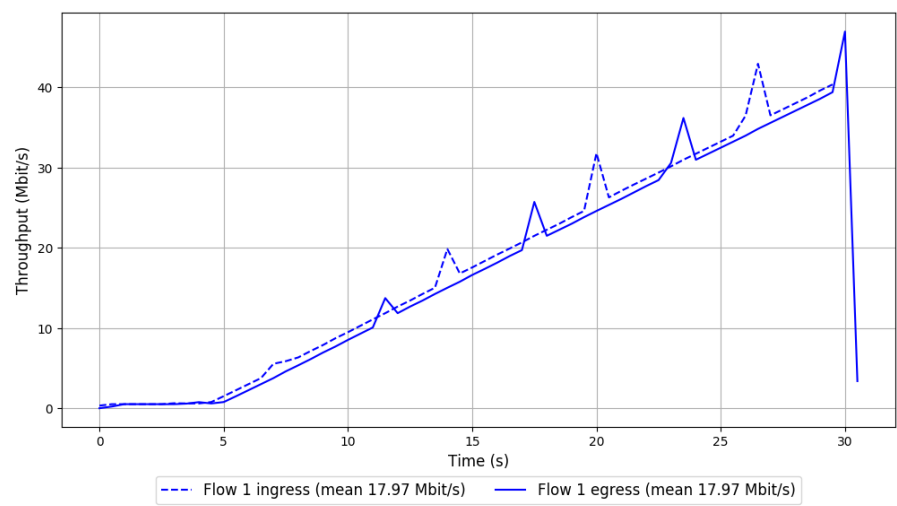


Run 9: Statistics of LEDBAT

Start at: 2018-08-02 04:19:29
End at: 2018-08-02 04:19:59
Local clock offset: -0.092 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2018-08-02 06:12:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.97 Mbit/s
95th percentile per-packet one-way delay: 61.746 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 17.97 Mbit/s
95th percentile per-packet one-way delay: 61.746 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

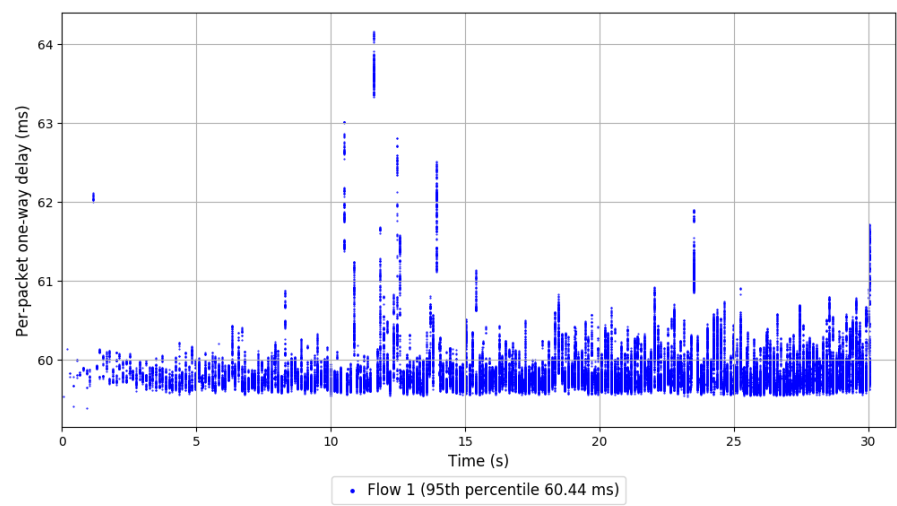
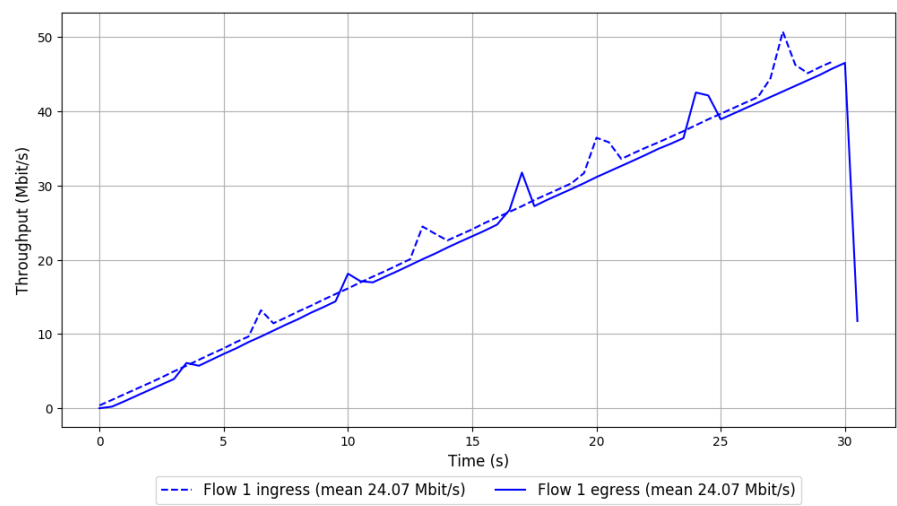


Run 10: Statistics of LEDBAT

Start at: 2018-08-02 04:42:01
End at: 2018-08-02 04:42:31
Local clock offset: -0.059 ms
Remote clock offset: -1.574 ms

Below is generated by plot.py at 2018-08-02 06:12:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 60.439 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 60.439 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

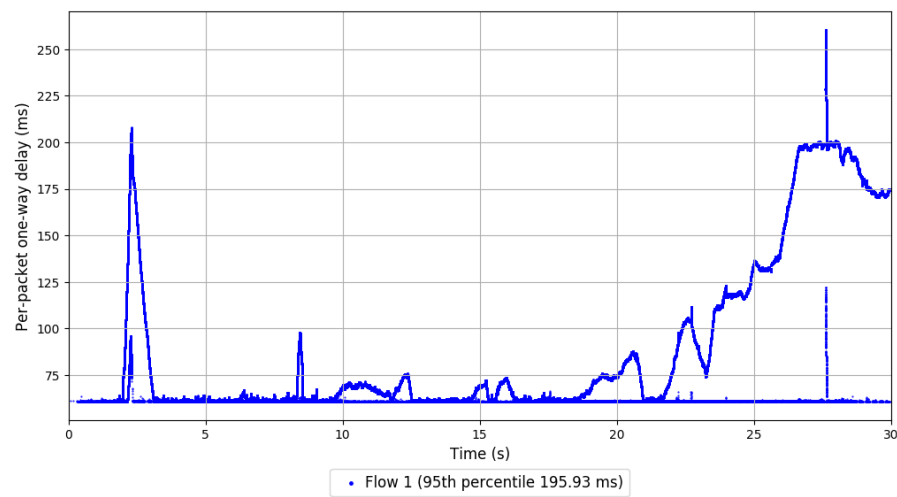
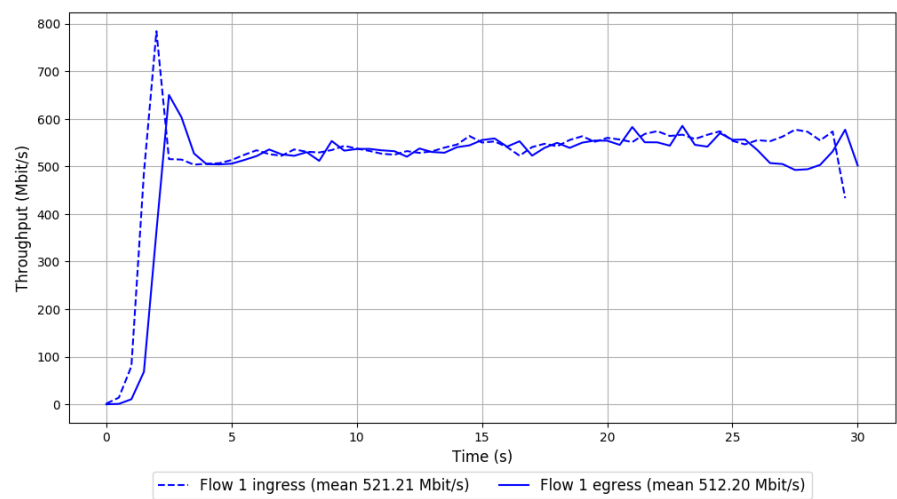


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-02 01:10:11
End at: 2018-08-02 01:10:41
Local clock offset: -0.155 ms
Remote clock offset: -0.317 ms

# Below is generated by plot.py at 2018-08-02 06:13:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 512.20 Mbit/s
95th percentile per-packet one-way delay: 195.926 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 512.20 Mbit/s
95th percentile per-packet one-way delay: 195.926 ms
Loss rate: 1.73%
```

Run 1: Report of PCC-Allegro — Data Link

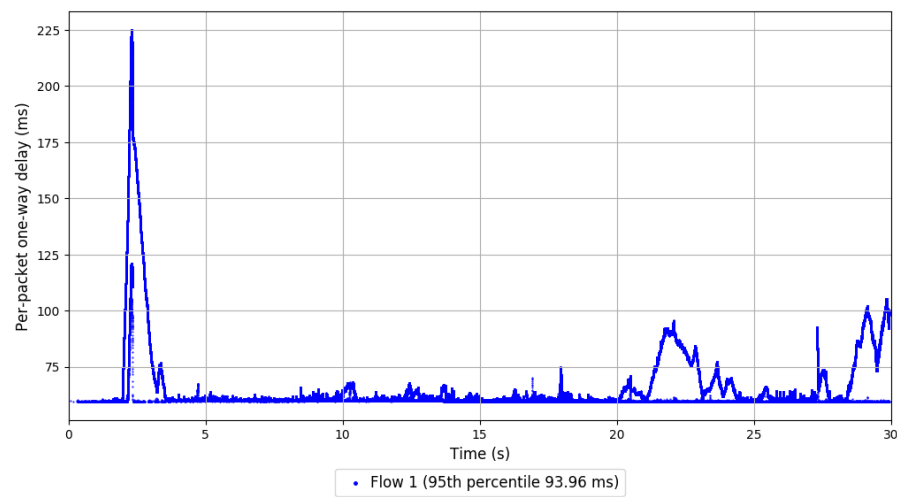
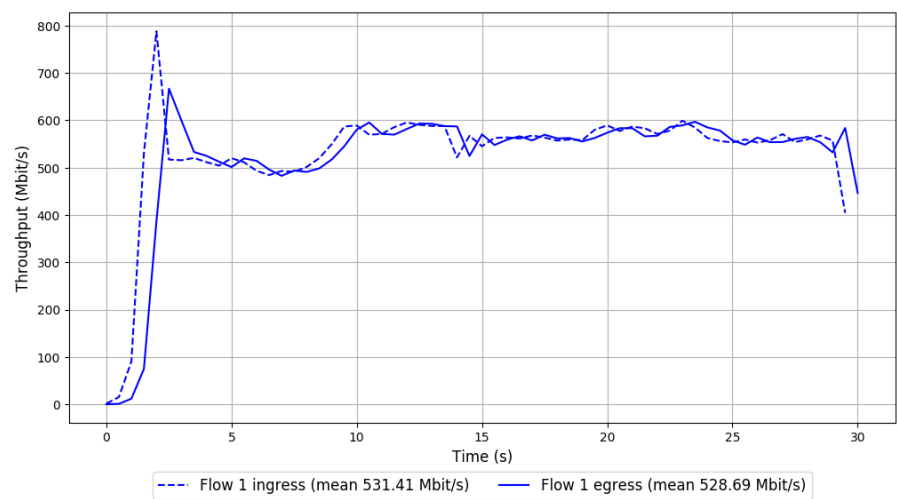


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-02 01:32:19
End at: 2018-08-02 01:32:49
Local clock offset: -0.134 ms
Remote clock offset: -1.408 ms

Below is generated by plot.py at 2018-08-02 06:14:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 528.69 Mbit/s
95th percentile per-packet one-way delay: 93.956 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 528.69 Mbit/s
95th percentile per-packet one-way delay: 93.956 ms
Loss rate: 0.51%

Run 2: Report of PCC-Allegro — Data Link

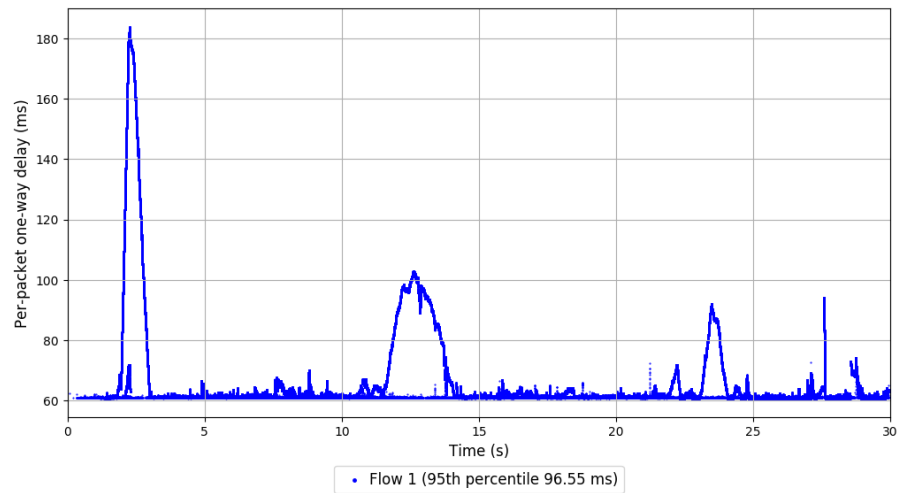
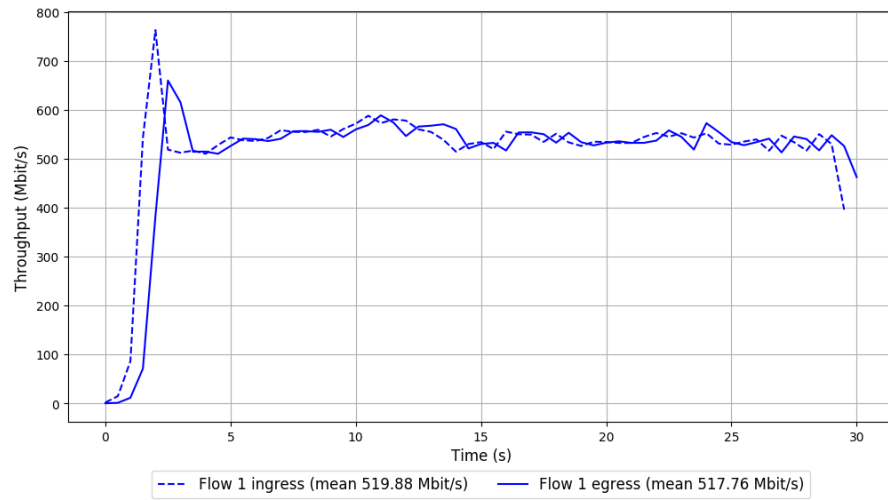


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-02 01:54:31
End at: 2018-08-02 01:55:01
Local clock offset: -0.068 ms
Remote clock offset: -0.199 ms

Below is generated by plot.py at 2018-08-02 06:14:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 517.76 Mbit/s
95th percentile per-packet one-way delay: 96.551 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 517.76 Mbit/s
95th percentile per-packet one-way delay: 96.551 ms
Loss rate: 0.40%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-08-02 02:16:16

End at: 2018-08-02 02:16:46

Local clock offset: -0.166 ms

Remote clock offset: -0.107 ms

Below is generated by plot.py at 2018-08-02 06:15:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 543.23 Mbit/s

95th percentile per-packet one-way delay: 85.434 ms

Loss rate: 0.16%

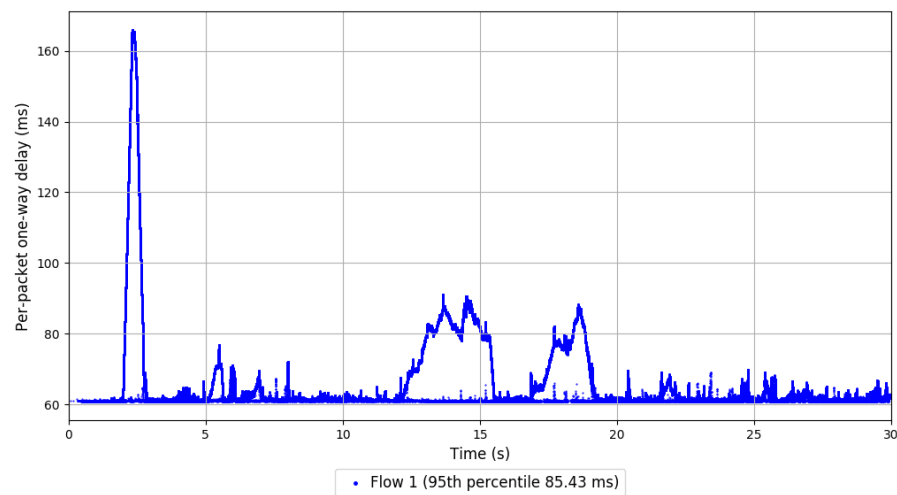
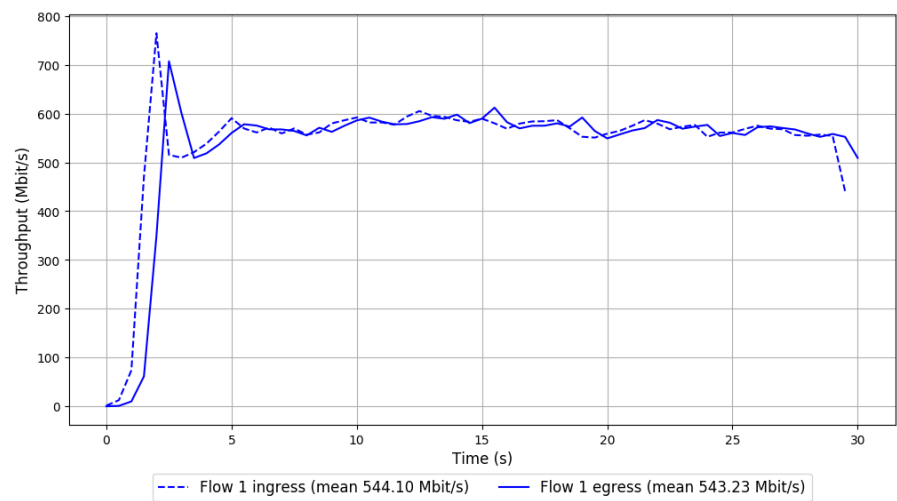
-- Flow 1:

Average throughput: 543.23 Mbit/s

95th percentile per-packet one-way delay: 85.434 ms

Loss rate: 0.16%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-08-02 02:38:07

End at: 2018-08-02 02:38:37

Local clock offset: -0.186 ms

Remote clock offset: -0.544 ms

Below is generated by plot.py at 2018-08-02 06:15:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 514.38 Mbit/s

95th percentile per-packet one-way delay: 133.297 ms

Loss rate: 0.41%

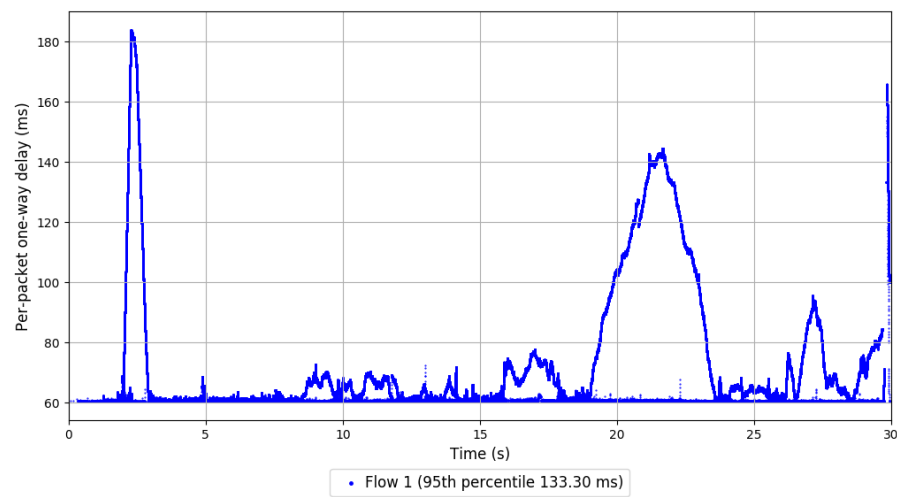
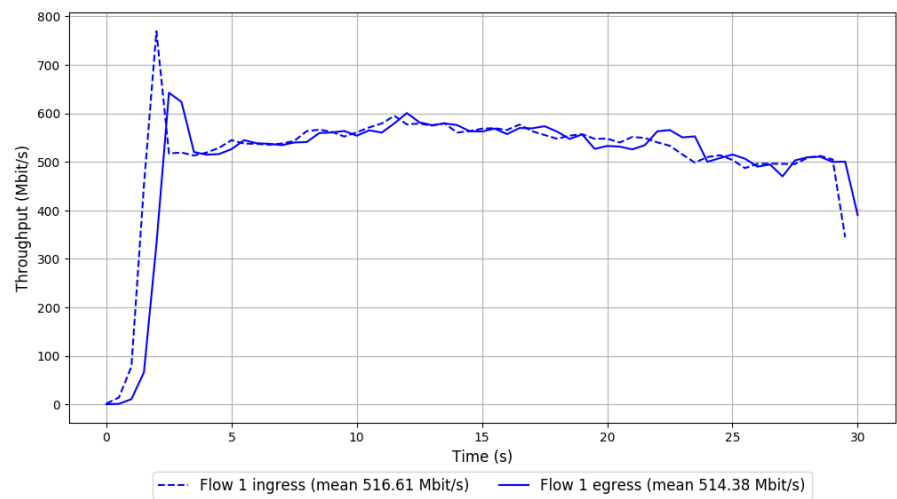
-- Flow 1:

Average throughput: 514.38 Mbit/s

95th percentile per-packet one-way delay: 133.297 ms

Loss rate: 0.41%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-08-02 03:00:44

End at: 2018-08-02 03:01:14

Local clock offset: -0.204 ms

Remote clock offset: -0.118 ms

Below is generated by plot.py at 2018-08-02 06:20:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 522.74 Mbit/s

95th percentile per-packet one-way delay: 133.886 ms

Loss rate: 0.71%

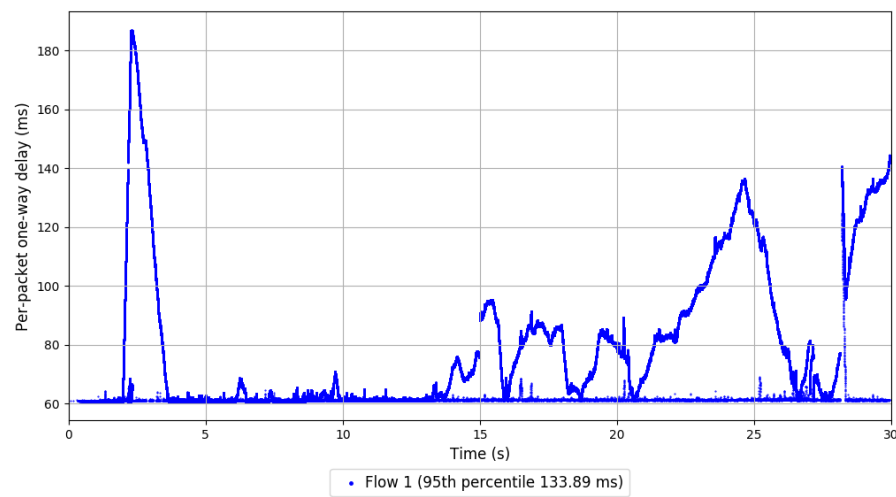
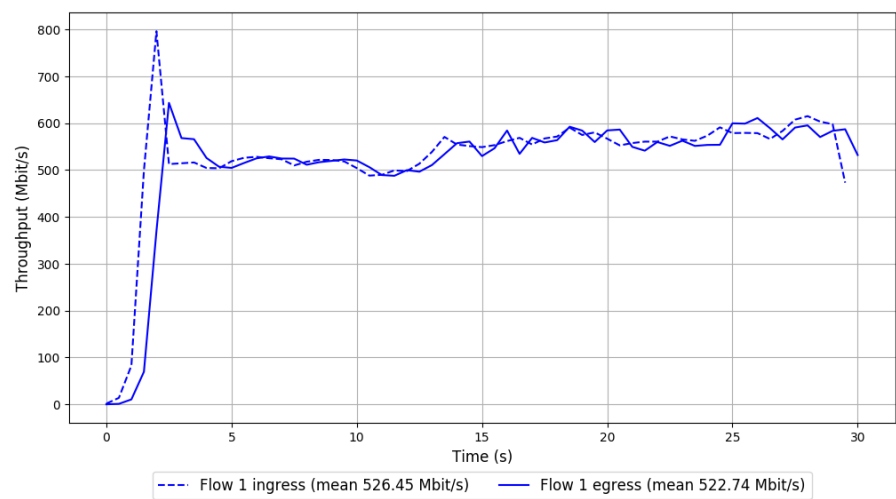
-- Flow 1:

Average throughput: 522.74 Mbit/s

95th percentile per-packet one-way delay: 133.886 ms

Loss rate: 0.71%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-08-02 03:22:40

End at: 2018-08-02 03:23:10

Local clock offset: -0.189 ms

Remote clock offset: -1.317 ms

Below is generated by plot.py at 2018-08-02 06:21:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 493.02 Mbit/s

95th percentile per-packet one-way delay: 136.516 ms

Loss rate: 0.37%

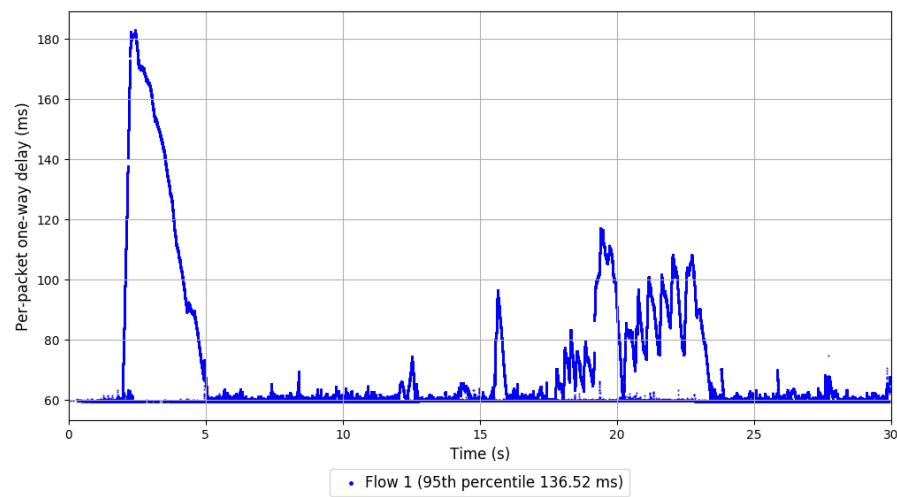
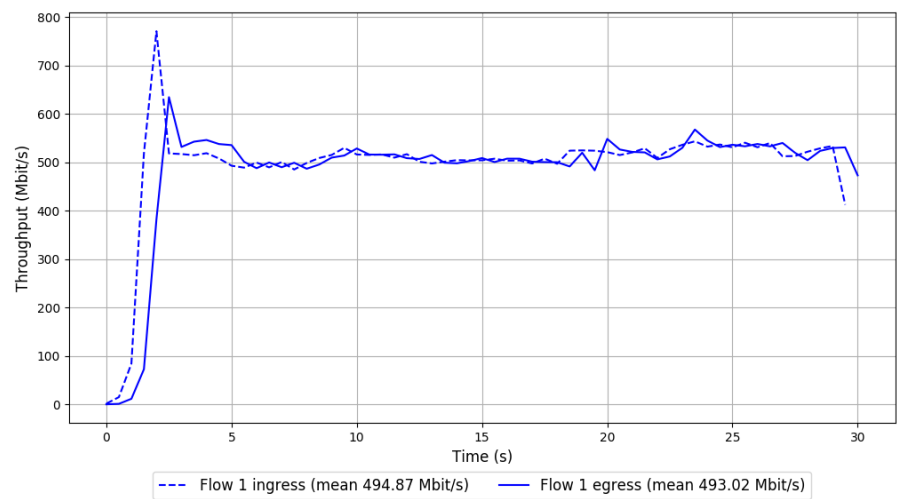
-- Flow 1:

Average throughput: 493.02 Mbit/s

95th percentile per-packet one-way delay: 136.516 ms

Loss rate: 0.37%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-08-02 03:44:53

End at: 2018-08-02 03:45:23

Local clock offset: -0.06 ms

Remote clock offset: -1.049 ms

Below is generated by plot.py at 2018-08-02 06:22:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 500.96 Mbit/s

95th percentile per-packet one-way delay: 87.858 ms

Loss rate: 0.50%

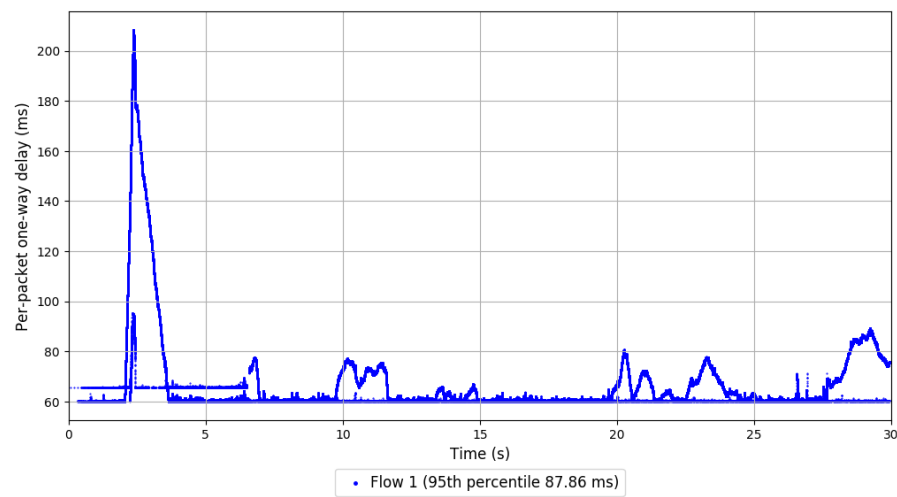
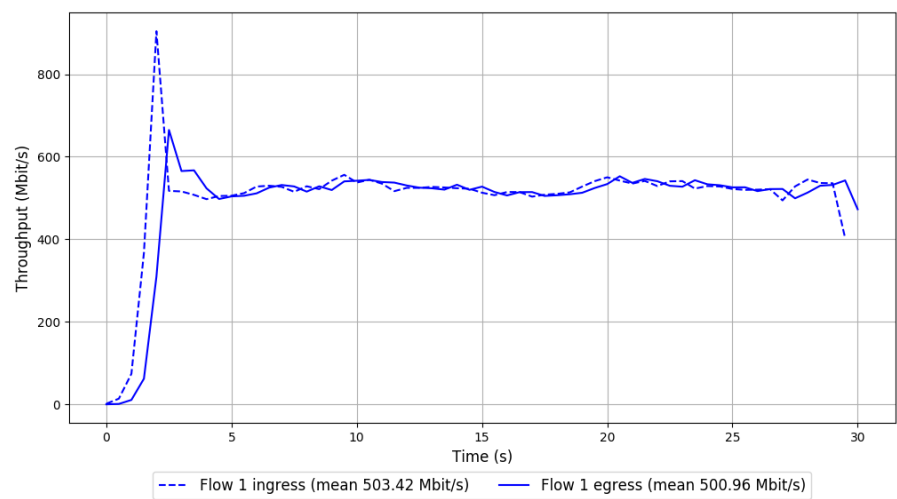
-- Flow 1:

Average throughput: 500.96 Mbit/s

95th percentile per-packet one-way delay: 87.858 ms

Loss rate: 0.50%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-08-02 04:07:27

End at: 2018-08-02 04:07:57

Local clock offset: -0.056 ms

Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-08-02 06:24:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 546.22 Mbit/s

95th percentile per-packet one-way delay: 69.589 ms

Loss rate: 0.20%

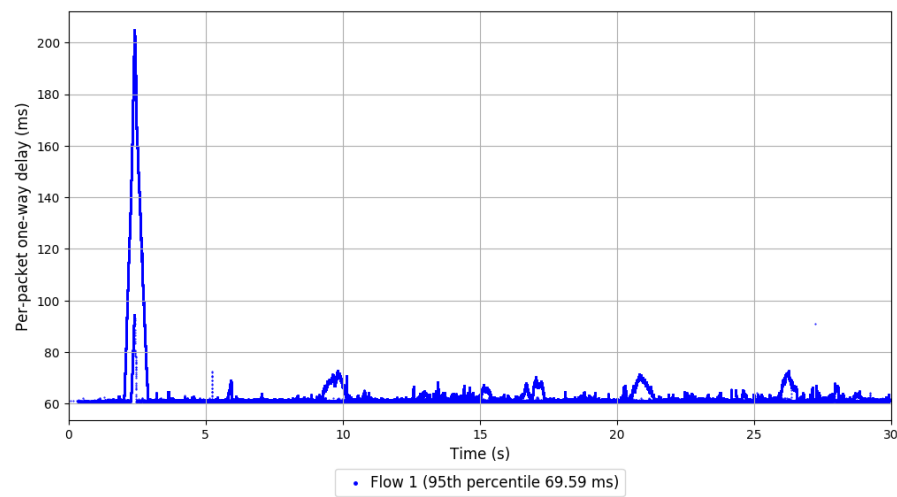
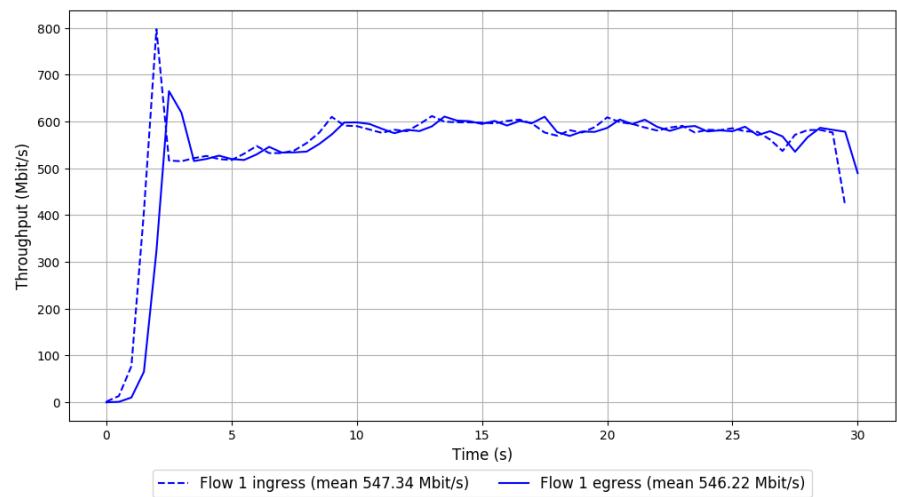
-- Flow 1:

Average throughput: 546.22 Mbit/s

95th percentile per-packet one-way delay: 69.589 ms

Loss rate: 0.20%

Run 9: Report of PCC-Allegro — Data Link

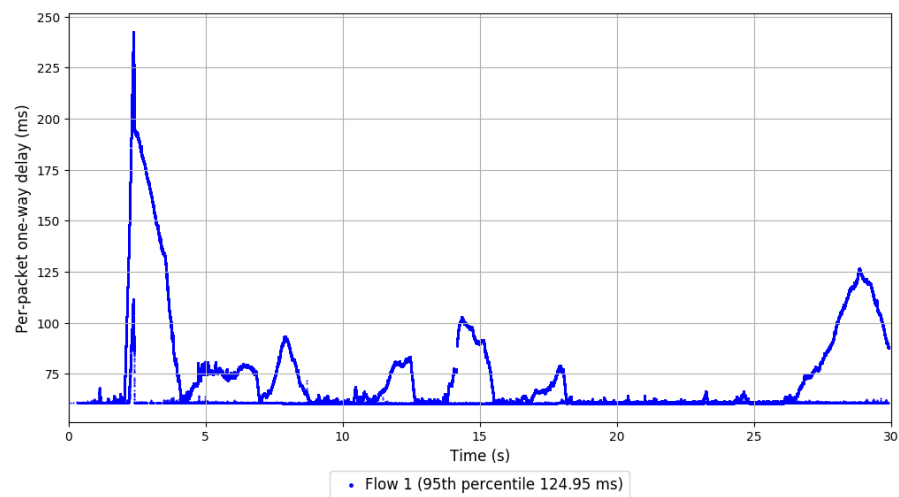
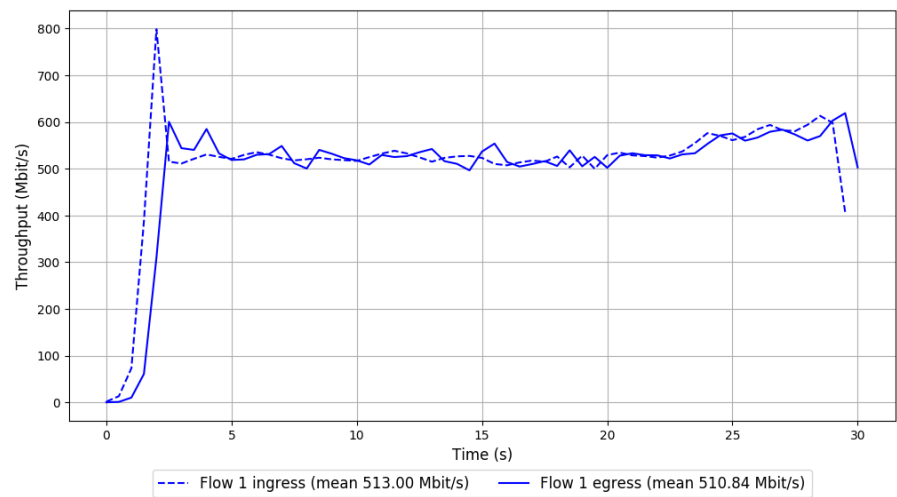


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-02 04:29:45
End at: 2018-08-02 04:30:15
Local clock offset: -0.085 ms
Remote clock offset: -0.433 ms

Below is generated by plot.py at 2018-08-02 06:24:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 510.84 Mbit/s
95th percentile per-packet one-way delay: 124.952 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 510.84 Mbit/s
95th percentile per-packet one-way delay: 124.952 ms
Loss rate: 0.42%

Run 10: Report of PCC-Allegro — Data Link

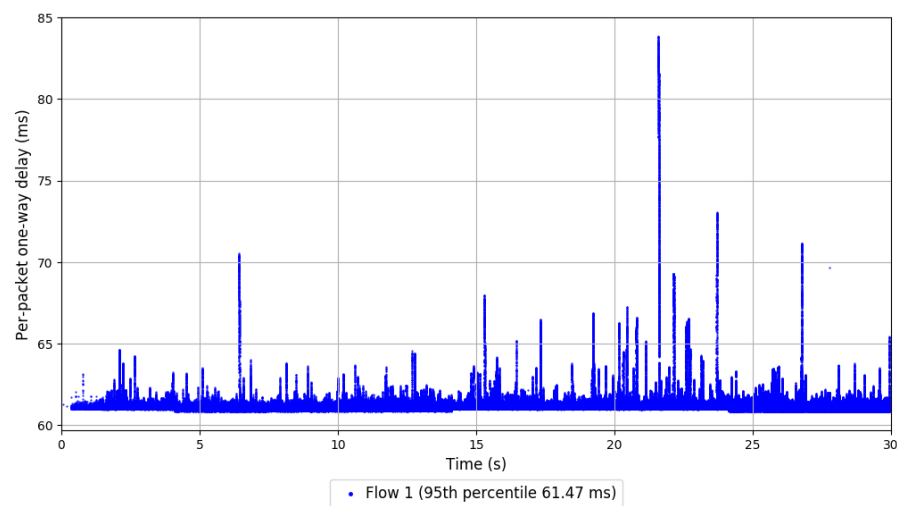
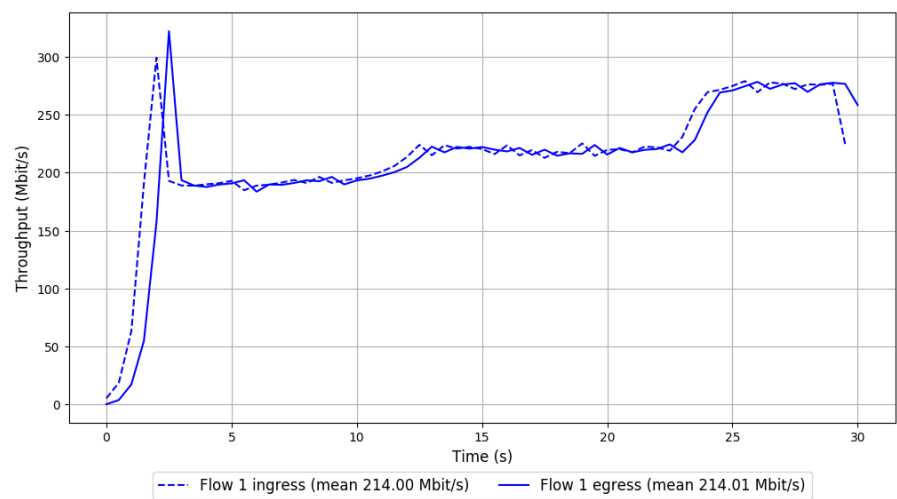


Run 1: Statistics of PCC-Expr

Start at: 2018-08-02 01:15:09
End at: 2018-08-02 01:15:39
Local clock offset: -0.132 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2018-08-02 06:24:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 214.01 Mbit/s
95th percentile per-packet one-way delay: 61.465 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 214.01 Mbit/s
95th percentile per-packet one-way delay: 61.465 ms
Loss rate: 0.00%

Run 1: Report of PCC-Expr — Data Link

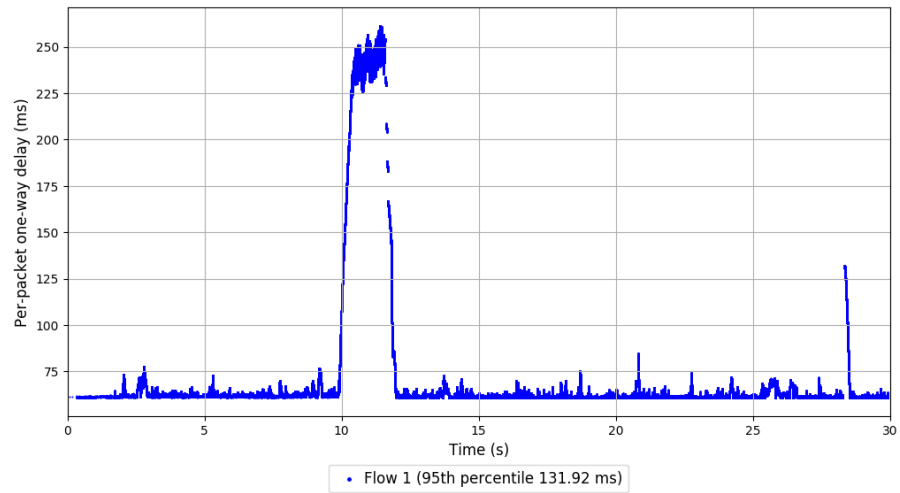
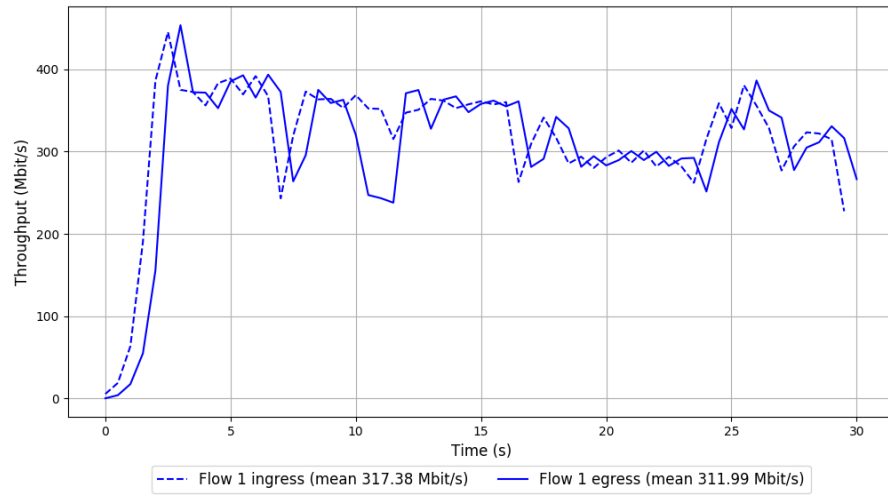


Run 2: Statistics of PCC-Expr

Start at: 2018-08-02 01:37:12
End at: 2018-08-02 01:37:42
Local clock offset: -0.151 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2018-08-02 06:26:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 311.99 Mbit/s
95th percentile per-packet one-way delay: 131.922 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 311.99 Mbit/s
95th percentile per-packet one-way delay: 131.922 ms
Loss rate: 1.70%

Run 2: Report of PCC-Expr — Data Link

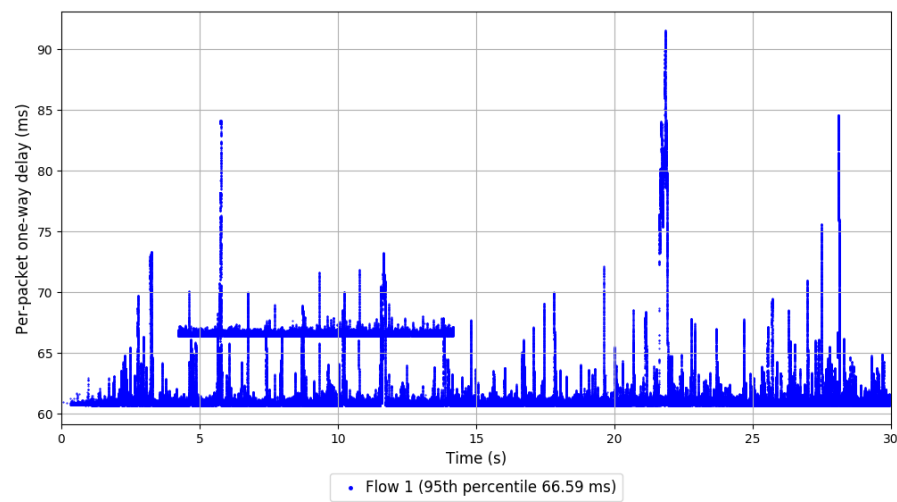
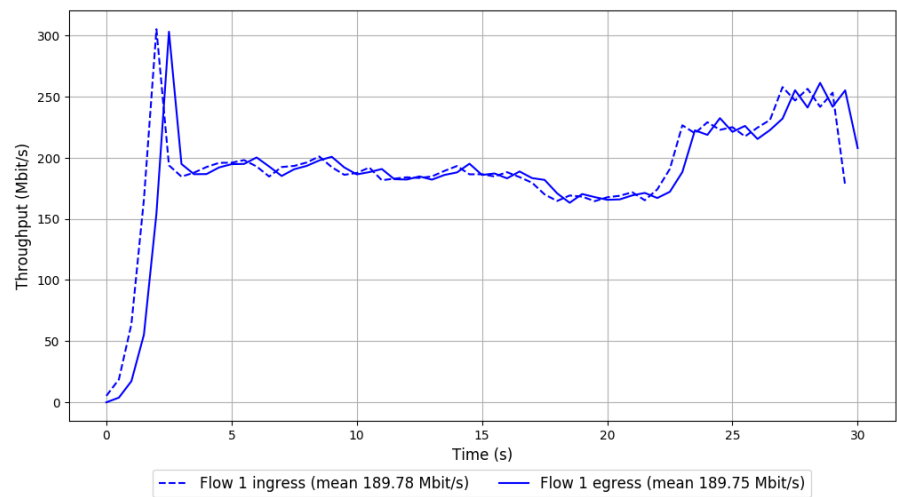


Run 3: Statistics of PCC-Expr

Start at: 2018-08-02 01:59:25
End at: 2018-08-02 01:59:55
Local clock offset: -0.15 ms
Remote clock offset: -0.221 ms

Below is generated by plot.py at 2018-08-02 06:26:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 189.75 Mbit/s
95th percentile per-packet one-way delay: 66.586 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 189.75 Mbit/s
95th percentile per-packet one-way delay: 66.586 ms
Loss rate: 0.01%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-08-02 02:21:10

End at: 2018-08-02 02:21:40

Local clock offset: -0.213 ms

Remote clock offset: 0.956 ms

Below is generated by plot.py at 2018-08-02 06:26:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 100.43 Mbit/s

95th percentile per-packet one-way delay: 67.829 ms

Loss rate: 0.01%

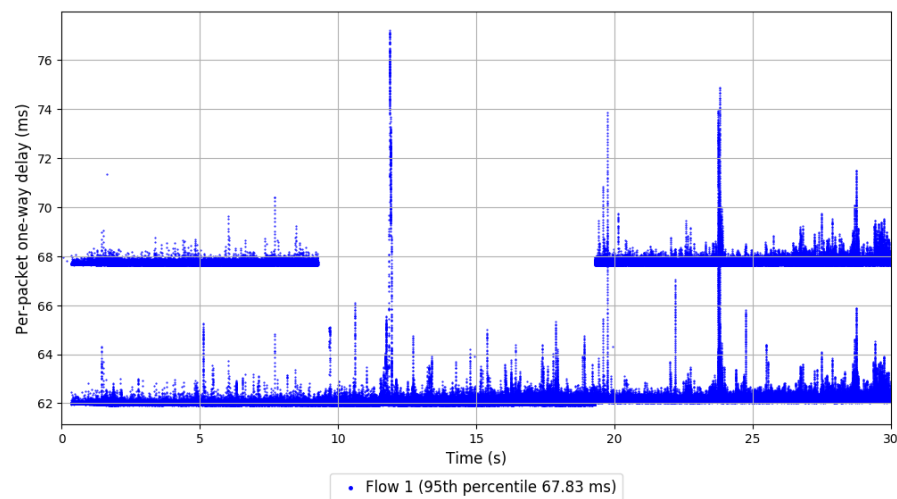
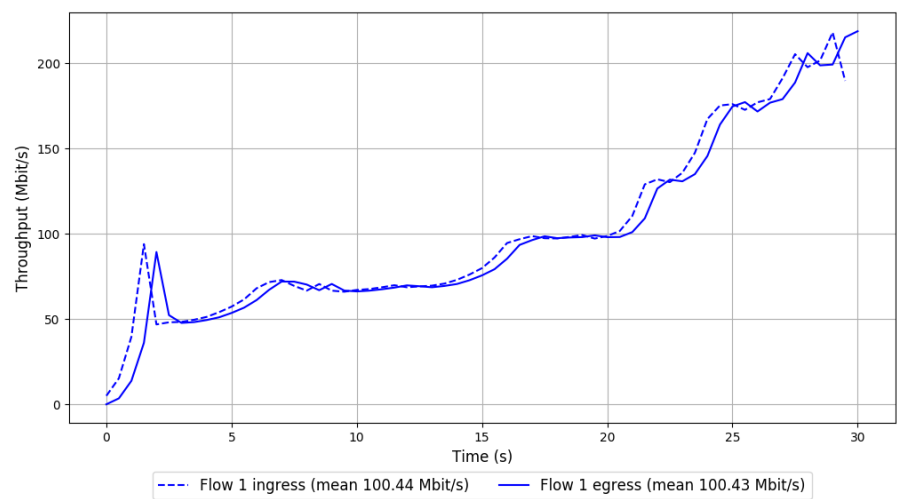
-- Flow 1:

Average throughput: 100.43 Mbit/s

95th percentile per-packet one-way delay: 67.829 ms

Loss rate: 0.01%

Run 4: Report of PCC-Expr — Data Link

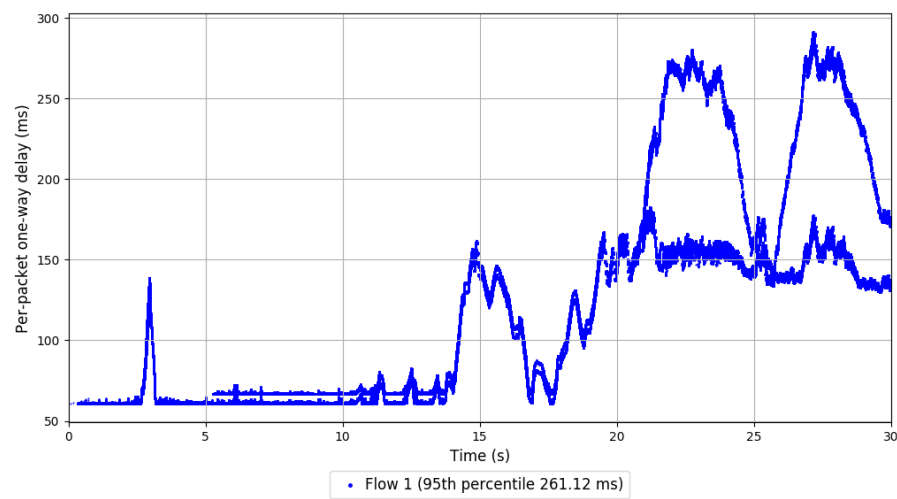
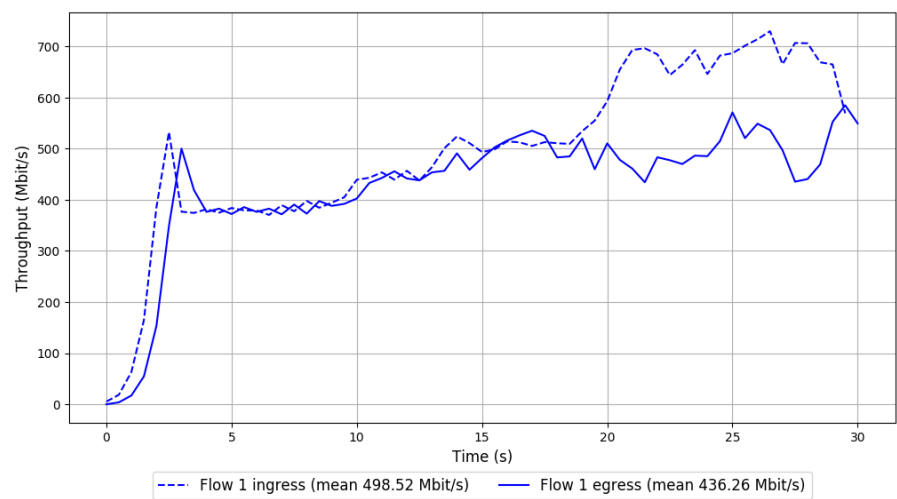


Run 5: Statistics of PCC-Expr

Start at: 2018-08-02 02:43:04
End at: 2018-08-02 02:43:34
Local clock offset: -0.194 ms
Remote clock offset: -0.236 ms

Below is generated by plot.py at 2018-08-02 06:38:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 436.26 Mbit/s
95th percentile per-packet one-way delay: 261.116 ms
Loss rate: 12.47%
-- Flow 1:
Average throughput: 436.26 Mbit/s
95th percentile per-packet one-way delay: 261.116 ms
Loss rate: 12.47%

Run 5: Report of PCC-Expr — Data Link

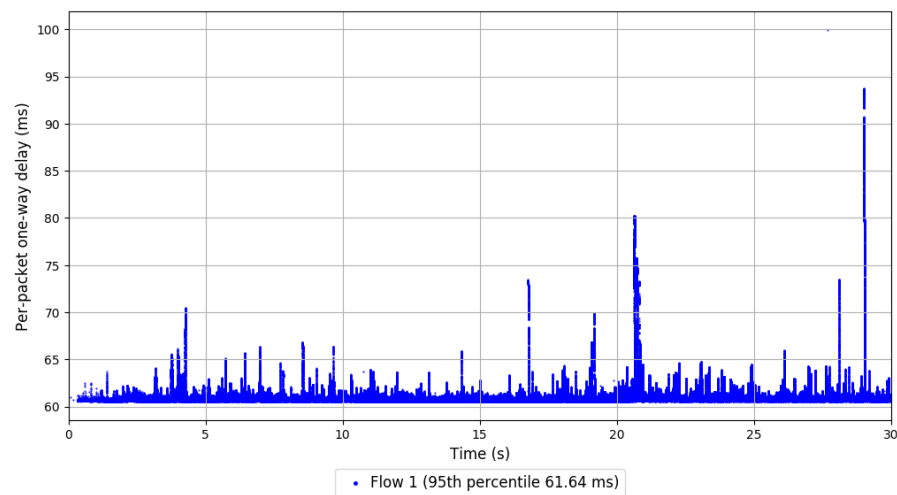
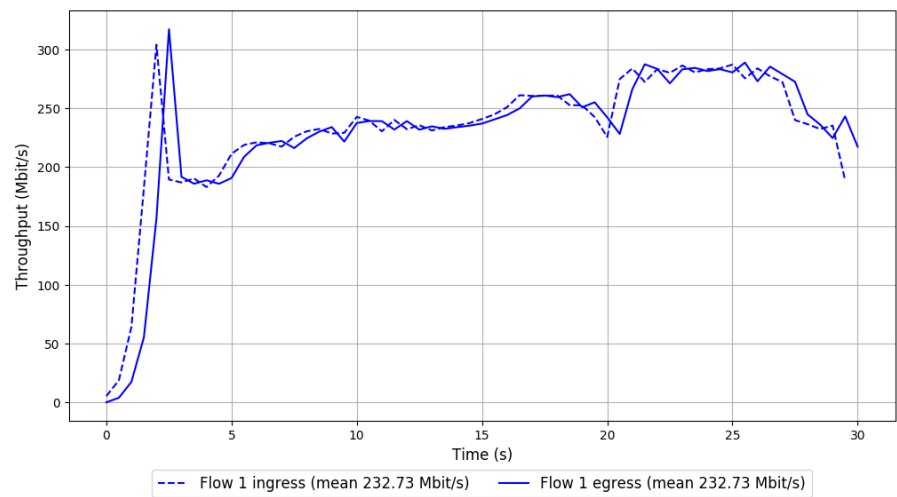


Run 6: Statistics of PCC-Expr

Start at: 2018-08-02 03:05:43
End at: 2018-08-02 03:06:13
Local clock offset: -0.217 ms
Remote clock offset: -0.446 ms

Below is generated by plot.py at 2018-08-02 06:38:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 232.73 Mbit/s
95th percentile per-packet one-way delay: 61.641 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 232.73 Mbit/s
95th percentile per-packet one-way delay: 61.641 ms
Loss rate: 0.00%

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-08-02 03:27:33

End at: 2018-08-02 03:28:03

Local clock offset: -0.154 ms

Remote clock offset: 0.918 ms

Below is generated by plot.py at 2018-08-02 06:38:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 257.48 Mbit/s

95th percentile per-packet one-way delay: 141.997 ms

Loss rate: 0.27%

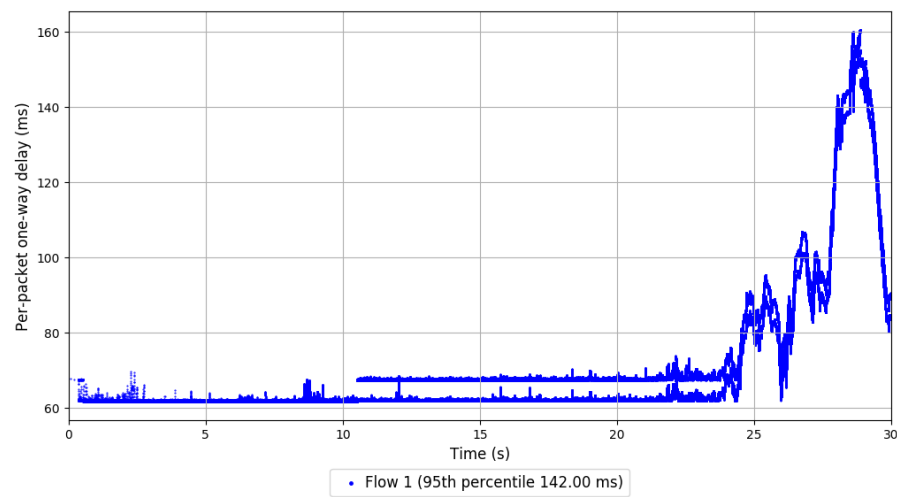
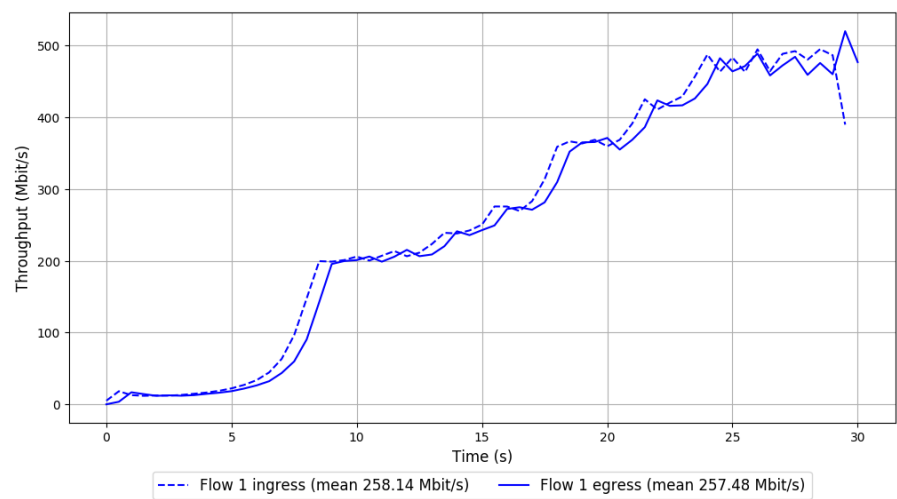
-- Flow 1:

Average throughput: 257.48 Mbit/s

95th percentile per-packet one-way delay: 141.997 ms

Loss rate: 0.27%

Run 7: Report of PCC-Expr — Data Link

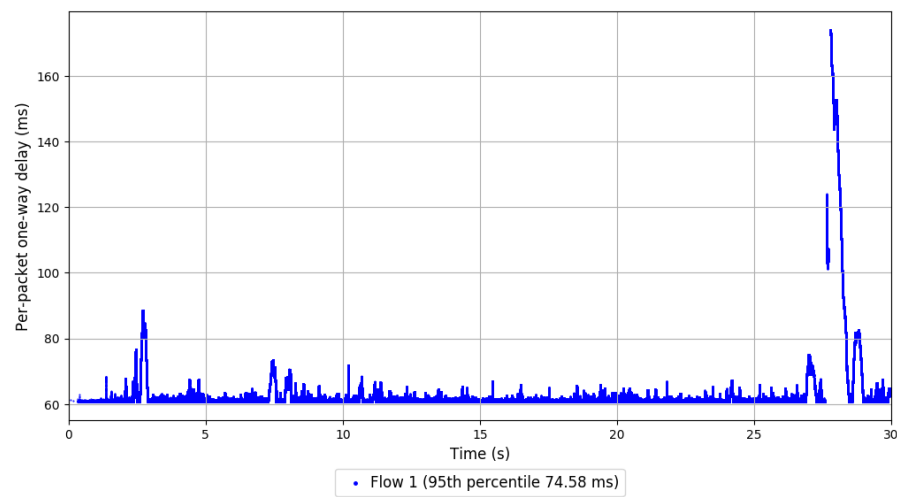
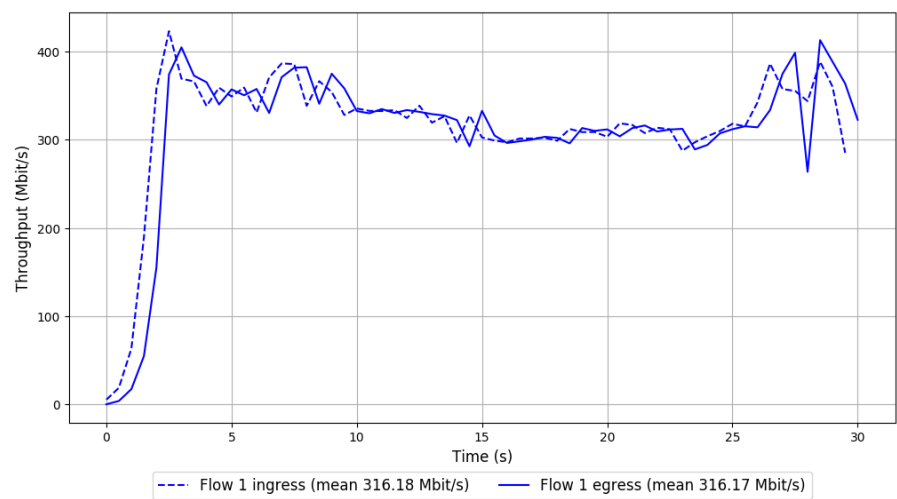


Run 8: Statistics of PCC-Expr

Start at: 2018-08-02 03:49:49
End at: 2018-08-02 03:50:19
Local clock offset: -0.042 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-08-02 06:38:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 316.17 Mbit/s
95th percentile per-packet one-way delay: 74.579 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 316.17 Mbit/s
95th percentile per-packet one-way delay: 74.579 ms
Loss rate: 0.00%

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

Start at: 2018-08-02 04:12:25

End at: 2018-08-02 04:12:55

Local clock offset: -0.09 ms

Remote clock offset: 0.132 ms

Below is generated by plot.py at 2018-08-02 06:38:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 259.62 Mbit/s

95th percentile per-packet one-way delay: 62.122 ms

Loss rate: 0.00%

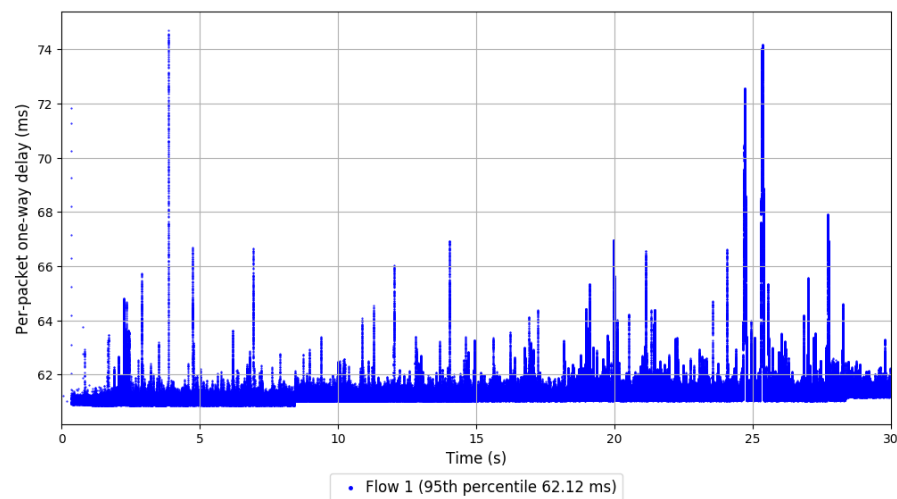
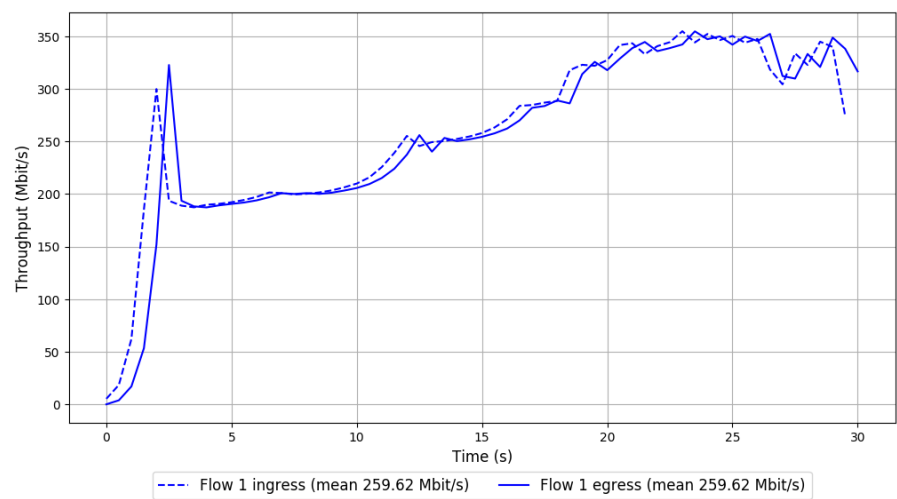
-- Flow 1:

Average throughput: 259.62 Mbit/s

95th percentile per-packet one-way delay: 62.122 ms

Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-08-02 04:34:42

End at: 2018-08-02 04:35:12

Local clock offset: -0.12 ms

Remote clock offset: 0.016 ms

Below is generated by plot.py at 2018-08-02 06:38:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 280.38 Mbit/s

95th percentile per-packet one-way delay: 63.520 ms

Loss rate: 0.00%

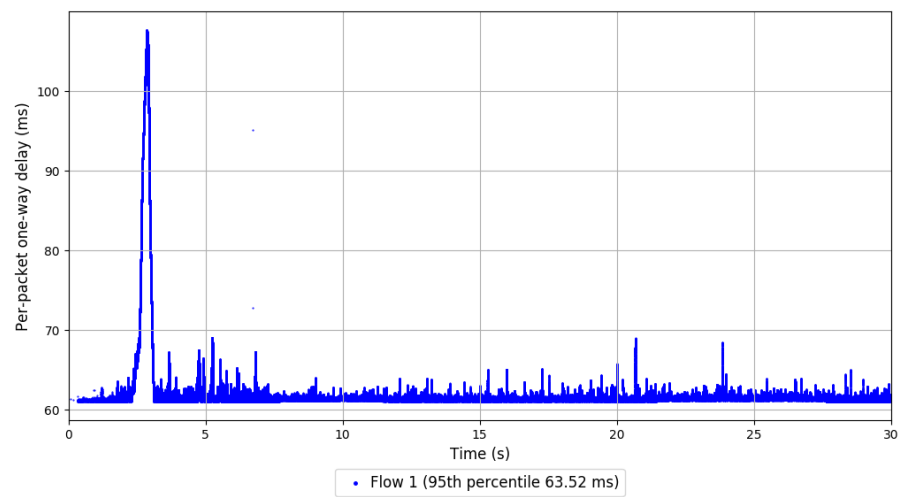
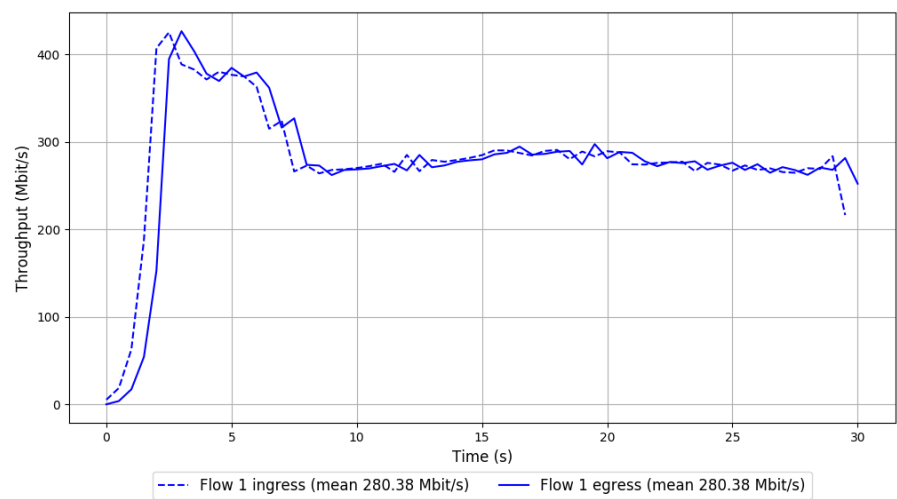
-- Flow 1:

Average throughput: 280.38 Mbit/s

95th percentile per-packet one-way delay: 63.520 ms

Loss rate: 0.00%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-08-02 01:20:57

End at: 2018-08-02 01:21:27

Local clock offset: -0.12 ms

Remote clock offset: 0.107 ms

Below is generated by plot.py at 2018-08-02 06:38:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.50 Mbit/s

95th percentile per-packet one-way delay: 61.400 ms

Loss rate: 0.00%

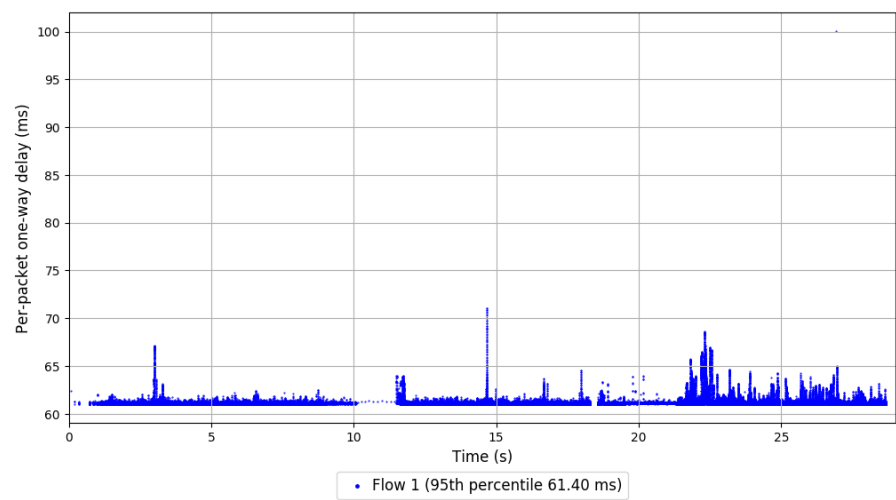
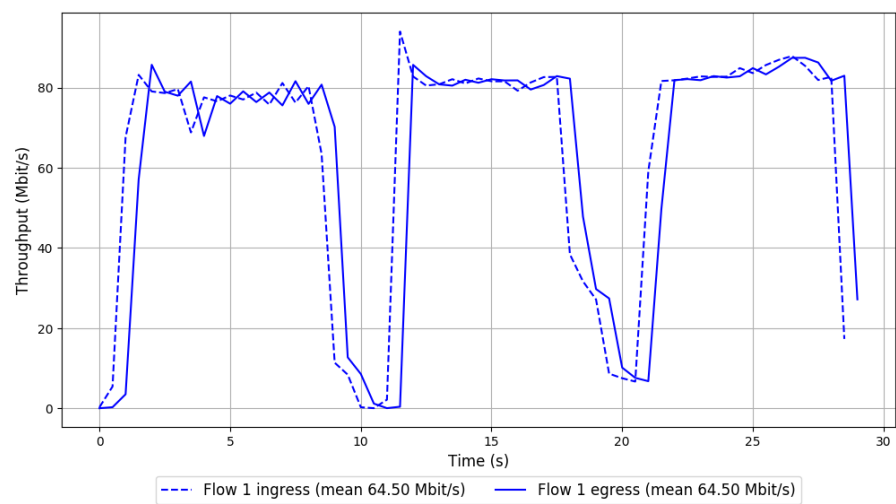
-- Flow 1:

Average throughput: 64.50 Mbit/s

95th percentile per-packet one-way delay: 61.400 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-08-02 01:43:12

End at: 2018-08-02 01:43:42

Local clock offset: -0.138 ms

Remote clock offset: 1.269 ms

Below is generated by plot.py at 2018-08-02 06:38:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.95 Mbit/s

95th percentile per-packet one-way delay: 62.375 ms

Loss rate: 0.00%

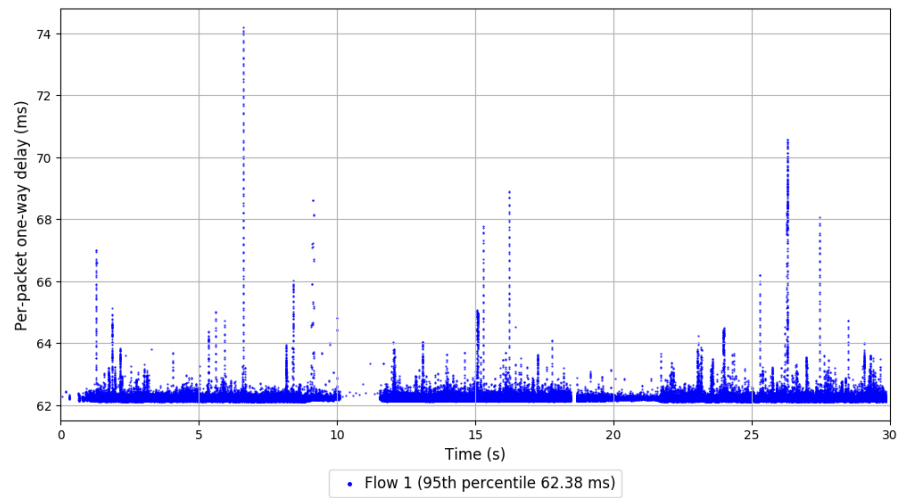
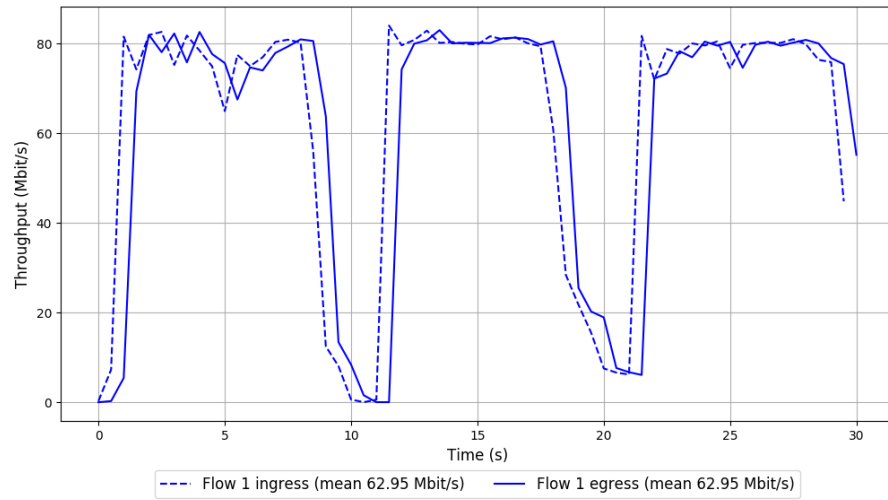
-- Flow 1:

Average throughput: 62.95 Mbit/s

95th percentile per-packet one-way delay: 62.375 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-08-02 02:04:54

End at: 2018-08-02 02:05:24

Local clock offset: -0.159 ms

Remote clock offset: -0.378 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.79 Mbit/s

95th percentile per-packet one-way delay: 66.474 ms

Loss rate: 0.00%

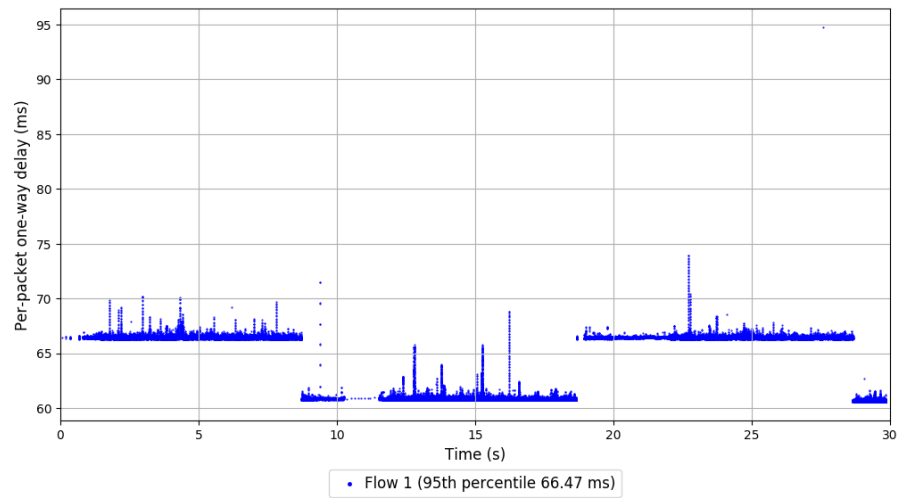
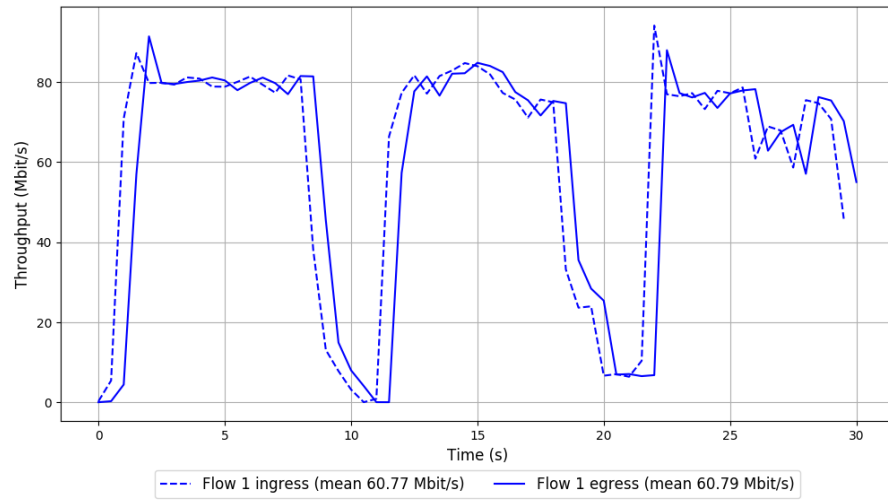
-- Flow 1:

Average throughput: 60.79 Mbit/s

95th percentile per-packet one-way delay: 66.474 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

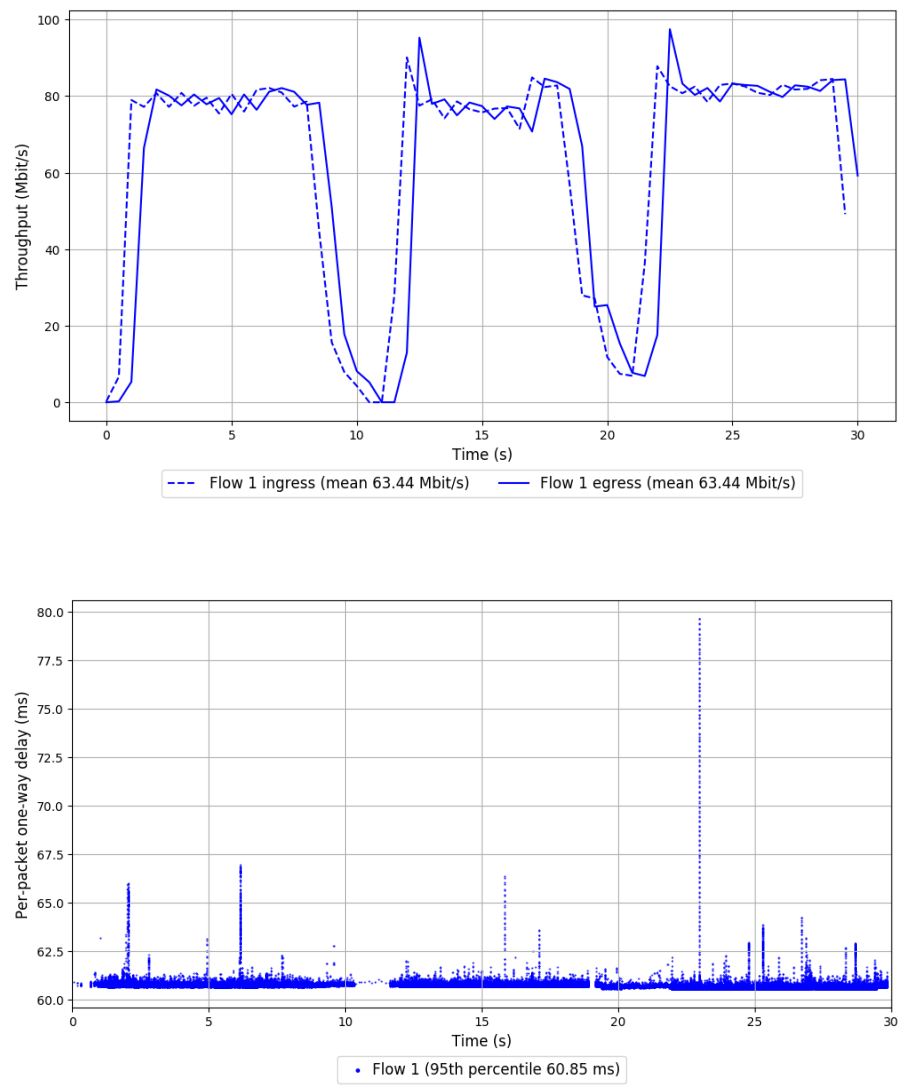


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-02 02:26:40
End at: 2018-08-02 02:27:10
Local clock offset: -0.153 ms
Remote clock offset: -0.347 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.44 Mbit/s
95th percentile per-packet one-way delay: 60.851 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.44 Mbit/s
95th percentile per-packet one-way delay: 60.851 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-08-02 02:49:16

End at: 2018-08-02 02:49:46

Local clock offset: -0.19 ms

Remote clock offset: -0.188 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.60 Mbit/s

95th percentile per-packet one-way delay: 66.600 ms

Loss rate: 0.00%

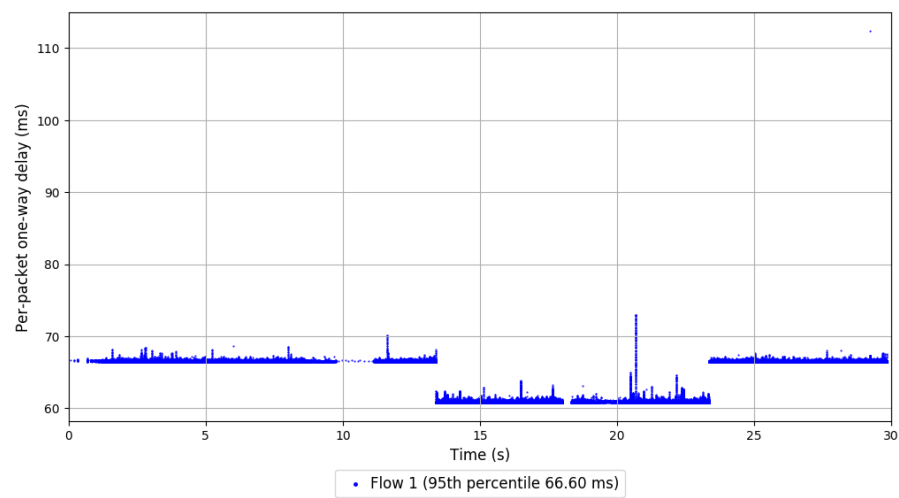
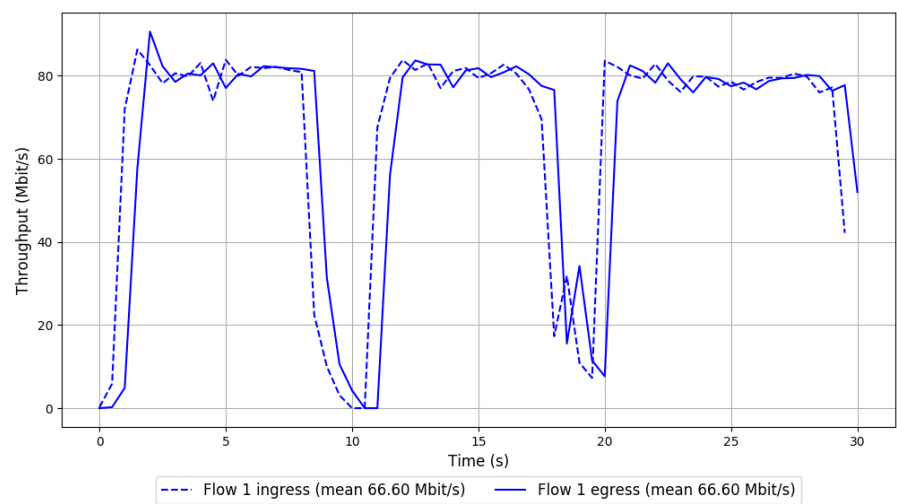
-- Flow 1:

Average throughput: 66.60 Mbit/s

95th percentile per-packet one-way delay: 66.600 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-08-02 03:11:30

End at: 2018-08-02 03:12:00

Local clock offset: -0.179 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.54 Mbit/s

95th percentile per-packet one-way delay: 61.602 ms

Loss rate: 0.00%

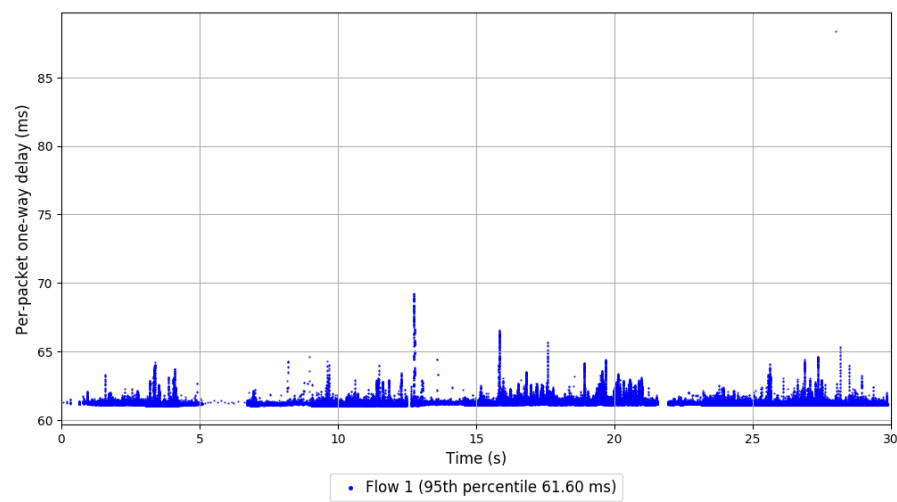
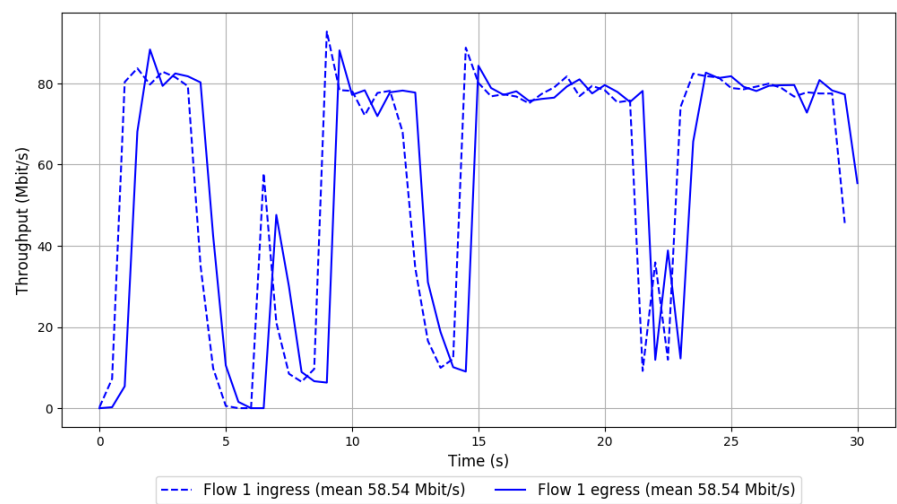
-- Flow 1:

Average throughput: 58.54 Mbit/s

95th percentile per-packet one-way delay: 61.602 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

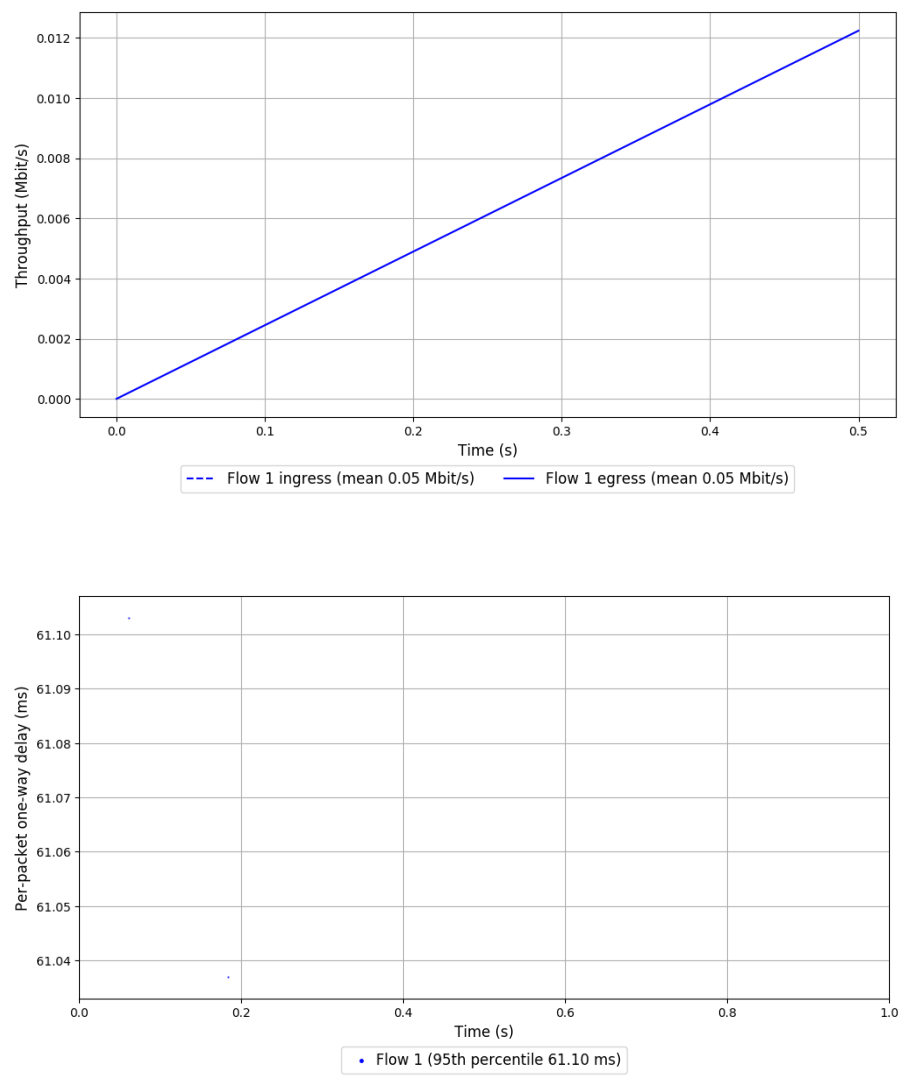
Start at: 2018-08-02 03:33:30

End at: 2018-08-02 03:34:00

Local clock offset: -0.11 ms

Remote clock offset: -0.186 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-08-02 03:56:03

End at: 2018-08-02 03:56:33

Local clock offset: -0.025 ms

Remote clock offset: 0.066 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.26 Mbit/s

95th percentile per-packet one-way delay: 61.201 ms

Loss rate: 0.00%

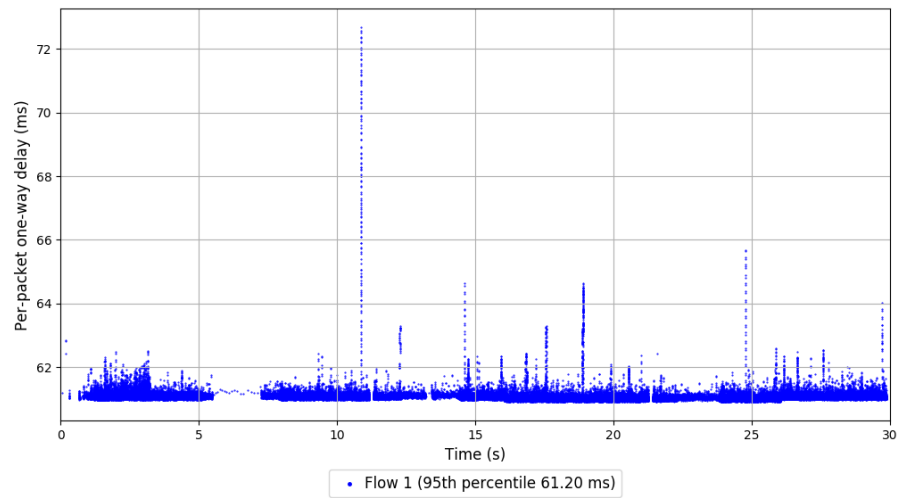
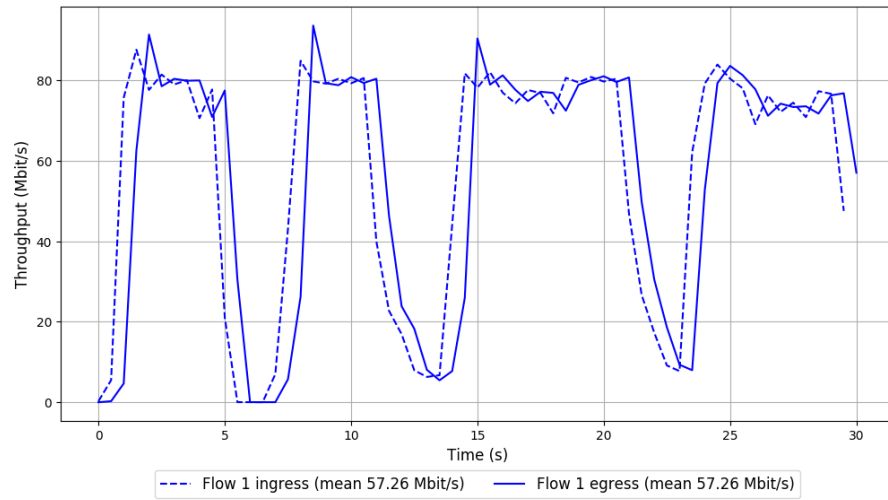
-- Flow 1:

Average throughput: 57.26 Mbit/s

95th percentile per-packet one-way delay: 61.201 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

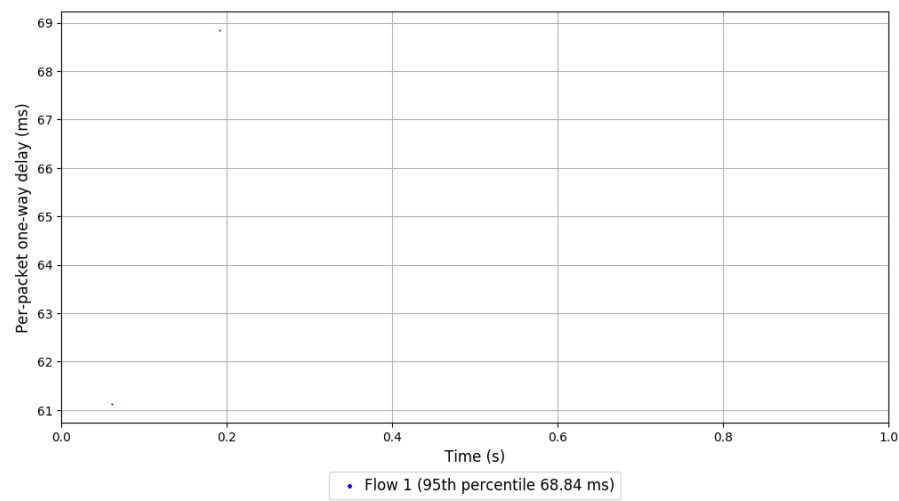
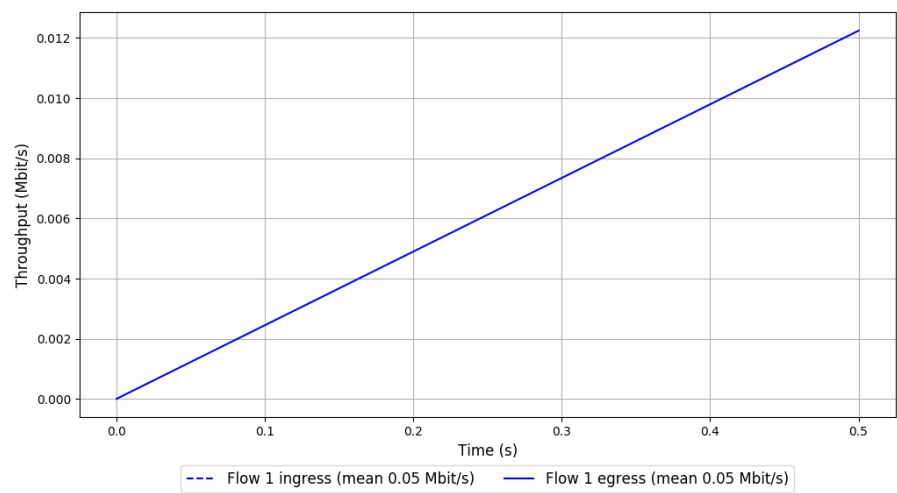
Start at: 2018-08-02 04:18:23

End at: 2018-08-02 04:18:53

Local clock offset: -0.071 ms

Remote clock offset: -0.248 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-08-02 04:40:52

End at: 2018-08-02 04:41:22

Local clock offset: -0.055 ms

Remote clock offset: 1.096 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.99 Mbit/s

95th percentile per-packet one-way delay: 67.296 ms

Loss rate: 0.00%

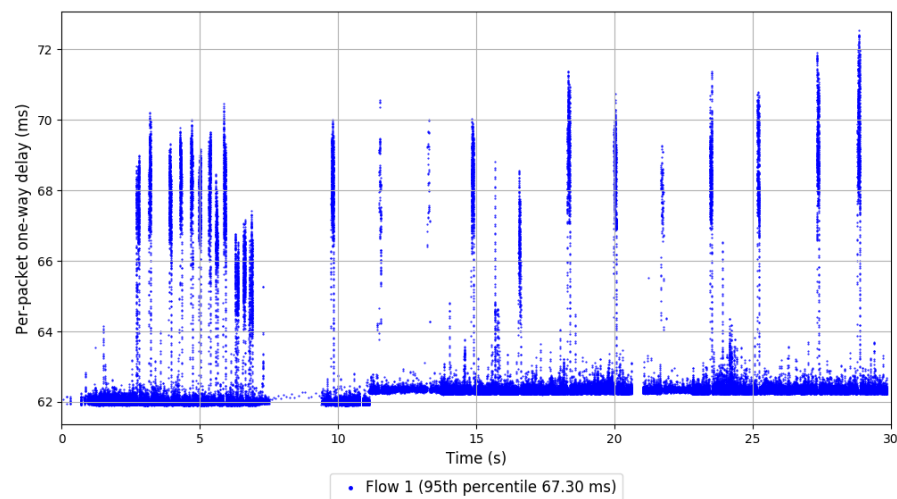
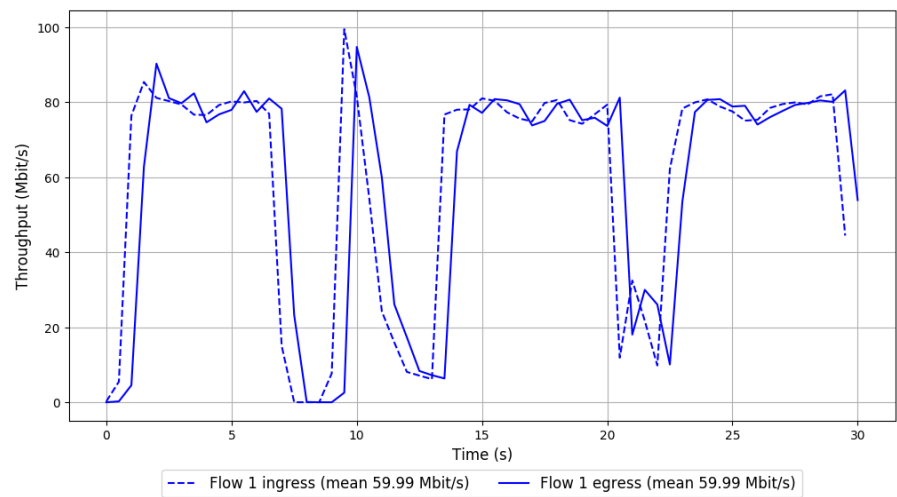
-- Flow 1:

Average throughput: 59.99 Mbit/s

95th percentile per-packet one-way delay: 67.296 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

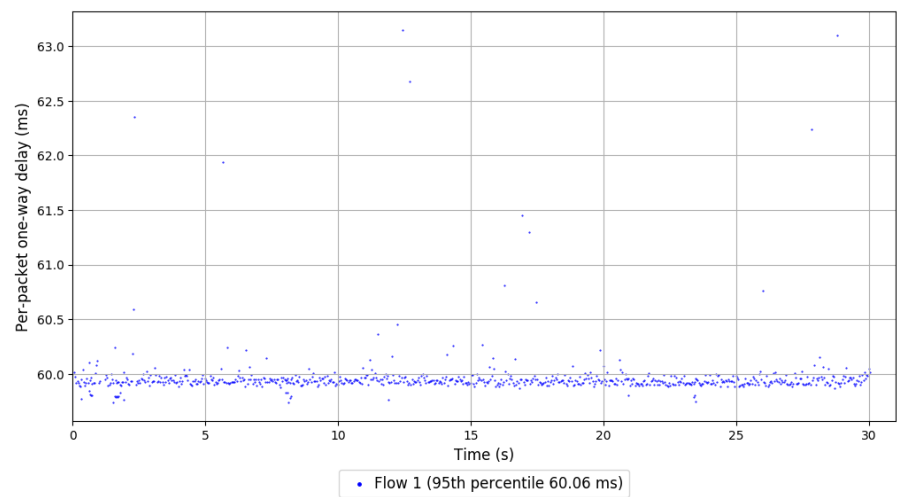
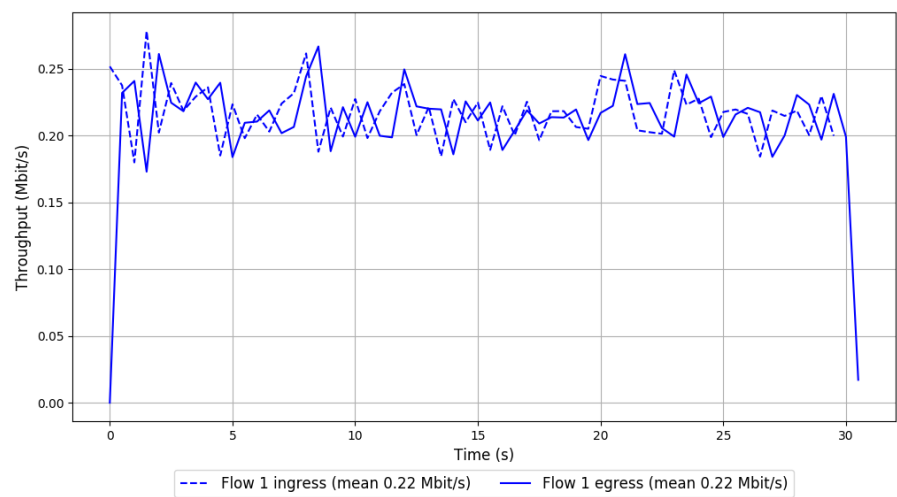


```
Run 1: Statistics of SCReAM

Start at: 2018-08-02 01:23:14
End at: 2018-08-02 01:23:44
Local clock offset: -0.122 ms
Remote clock offset: -1.211 ms

# Below is generated by plot.py at 2018-08-02 06:38:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.058 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.058 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

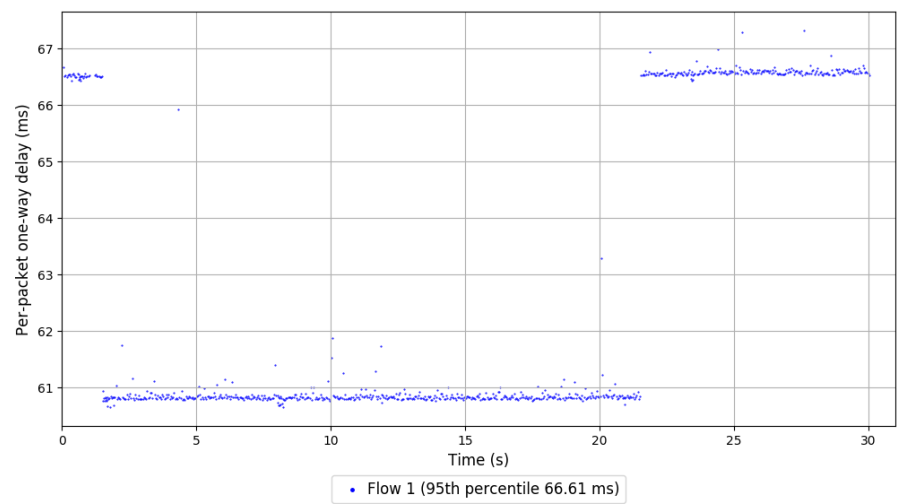
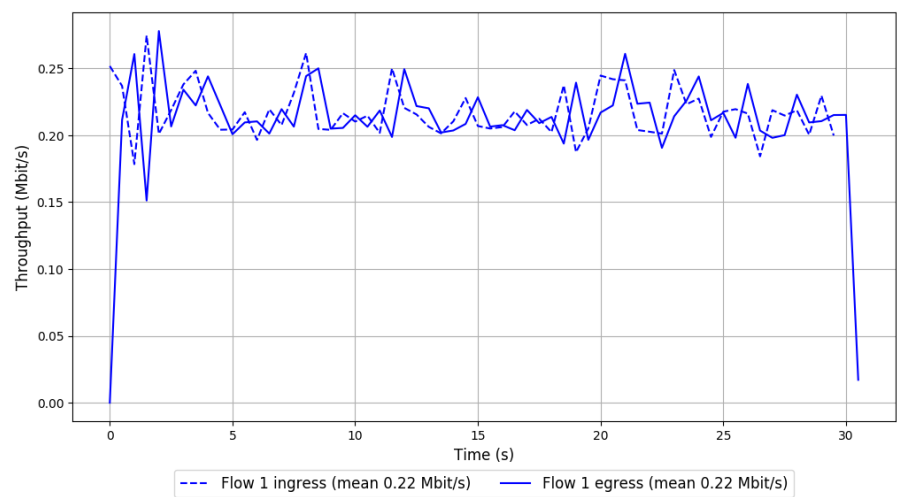


Run 2: Statistics of SCReAM

Start at: 2018-08-02 01:45:28
End at: 2018-08-02 01:45:58
Local clock offset: -0.118 ms
Remote clock offset: -0.303 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.611 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.611 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

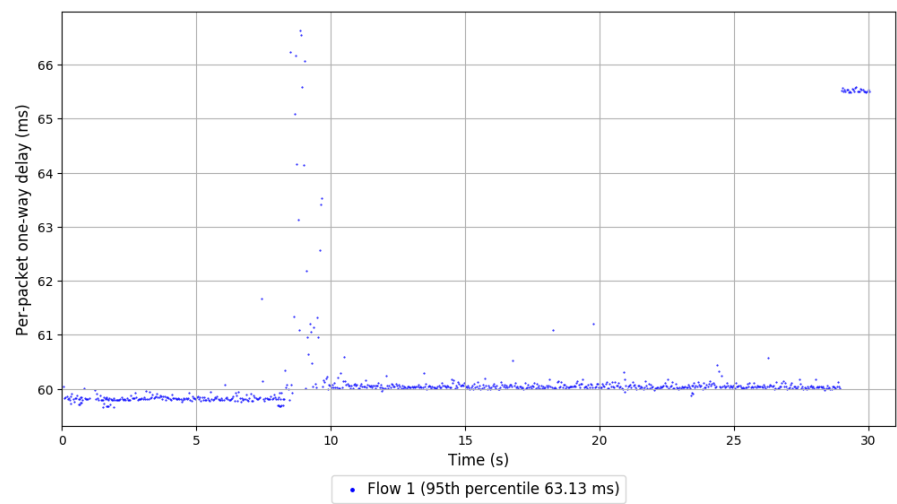
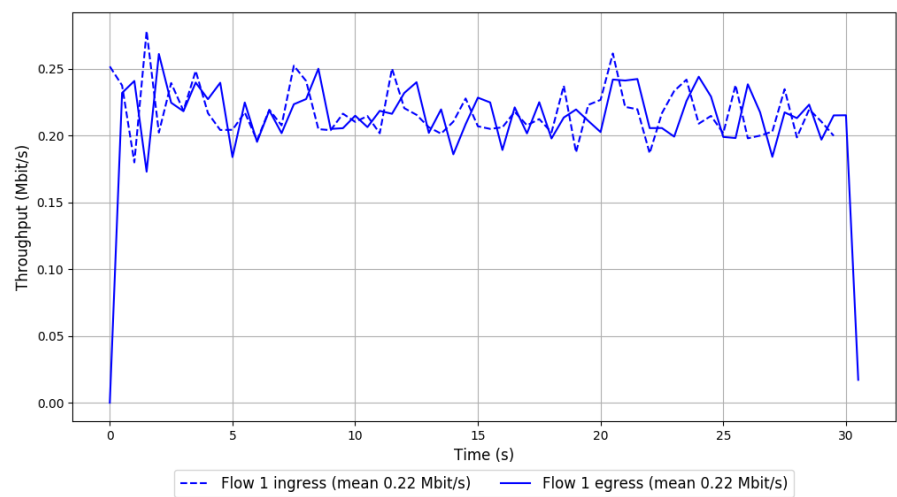


Run 3: Statistics of SCReAM

Start at: 2018-08-02 02:07:10
End at: 2018-08-02 02:07:41
Local clock offset: -0.174 ms
Remote clock offset: -1.372 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.133 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.133 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

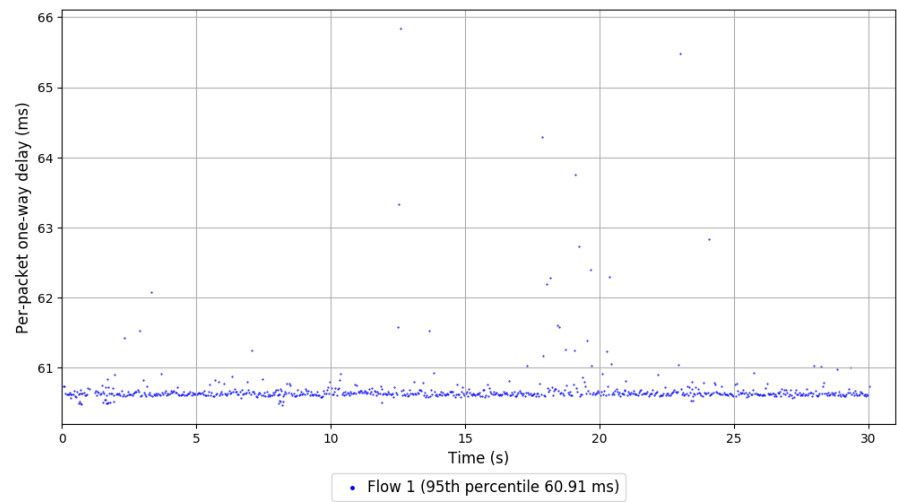
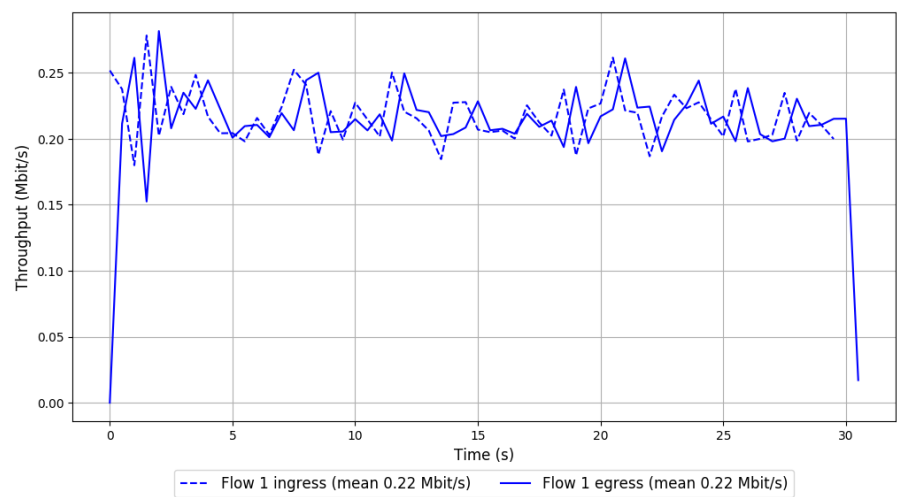


Run 4: Statistics of SCReAM

Start at: 2018-08-02 02:28:57
End at: 2018-08-02 02:29:27
Local clock offset: -0.158 ms
Remote clock offset: -0.457 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.906 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-08-02 02:51:33

End at: 2018-08-02 02:52:03

Local clock offset: -0.223 ms

Remote clock offset: 1.317 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 68.324 ms

Loss rate: 0.13%

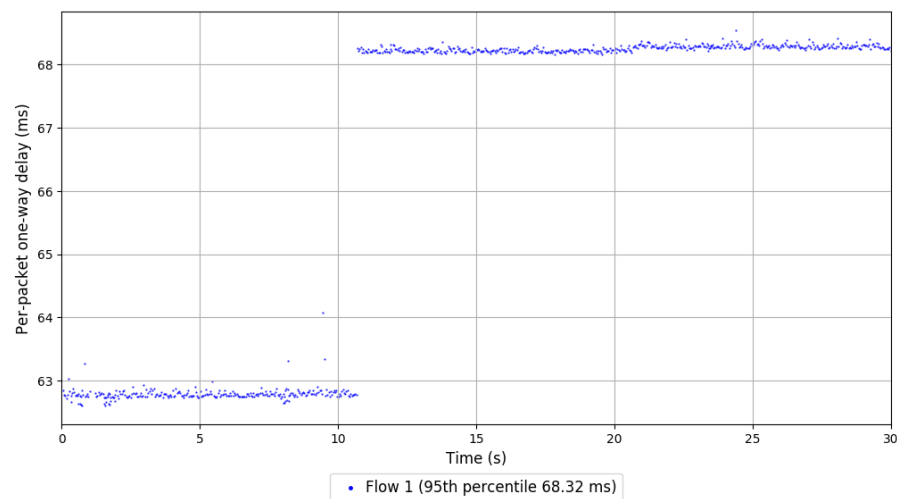
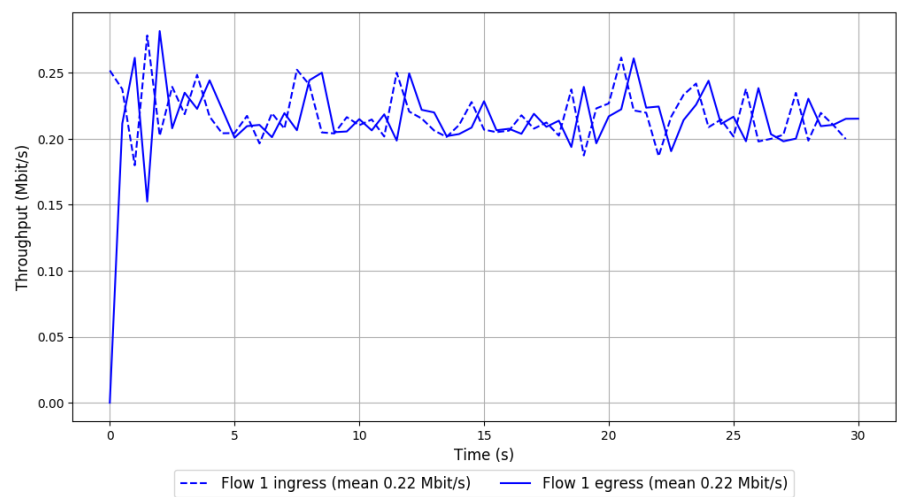
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 68.324 ms

Loss rate: 0.13%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-08-02 03:13:46

End at: 2018-08-02 03:14:17

Local clock offset: -0.2 ms

Remote clock offset: 0.06 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 66.913 ms

Loss rate: 0.00%

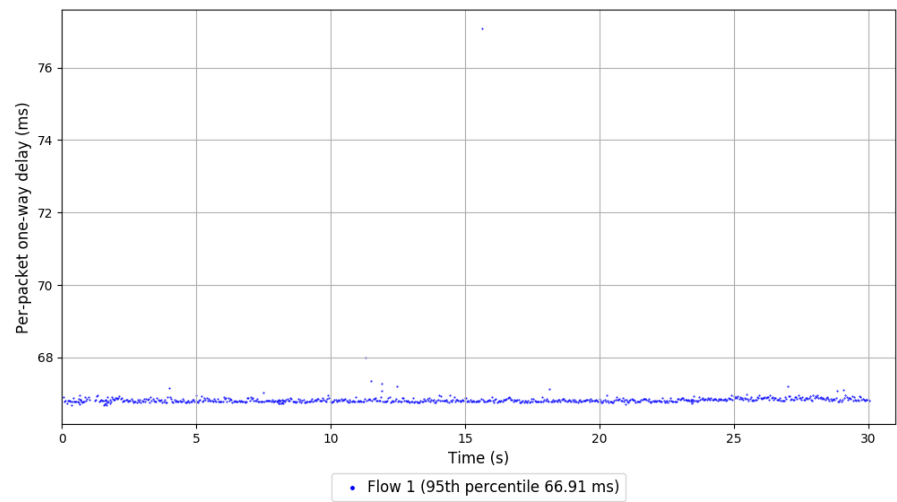
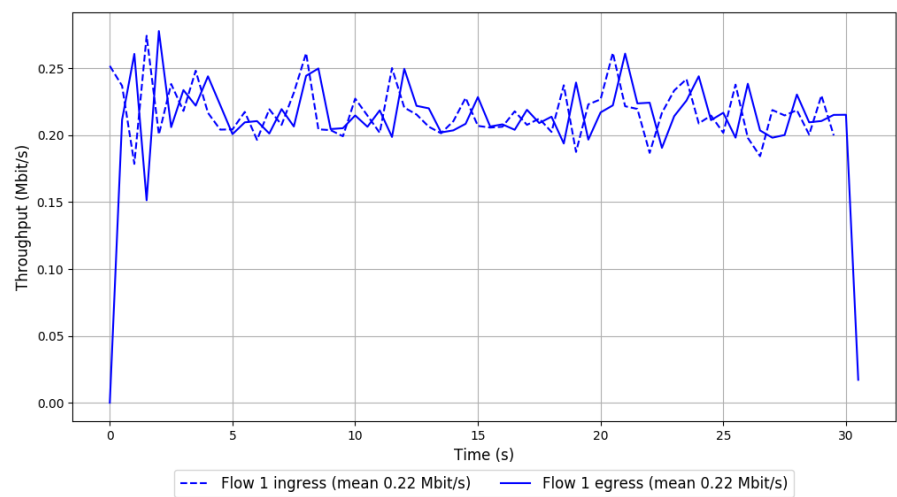
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 66.913 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

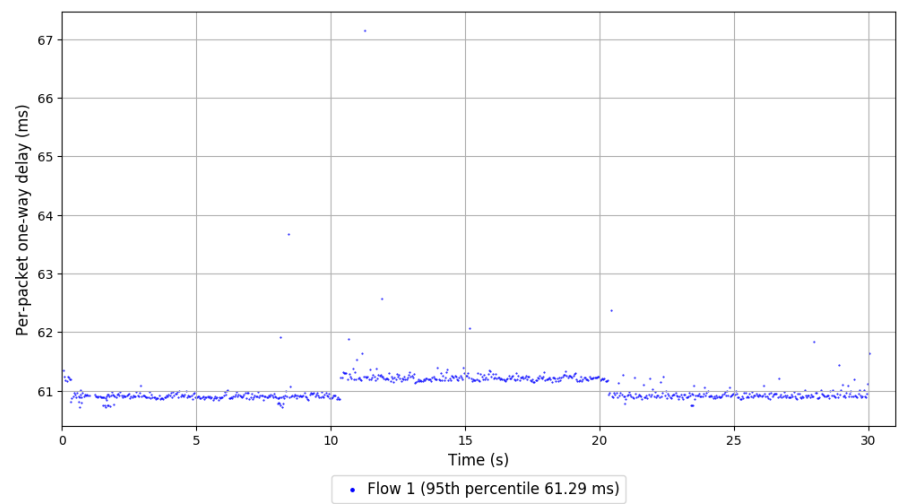
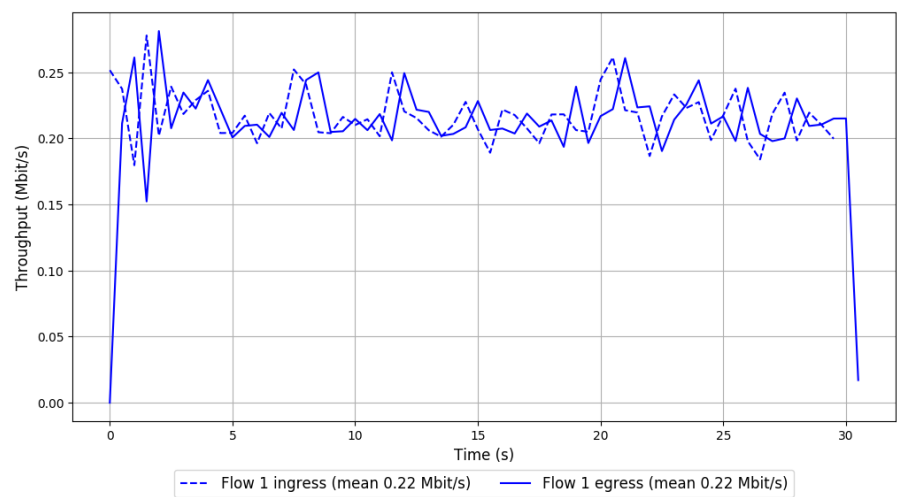


Run 7: Statistics of SCReAM

Start at: 2018-08-02 03:35:43
End at: 2018-08-02 03:36:13
Local clock offset: -0.118 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.294 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.294 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

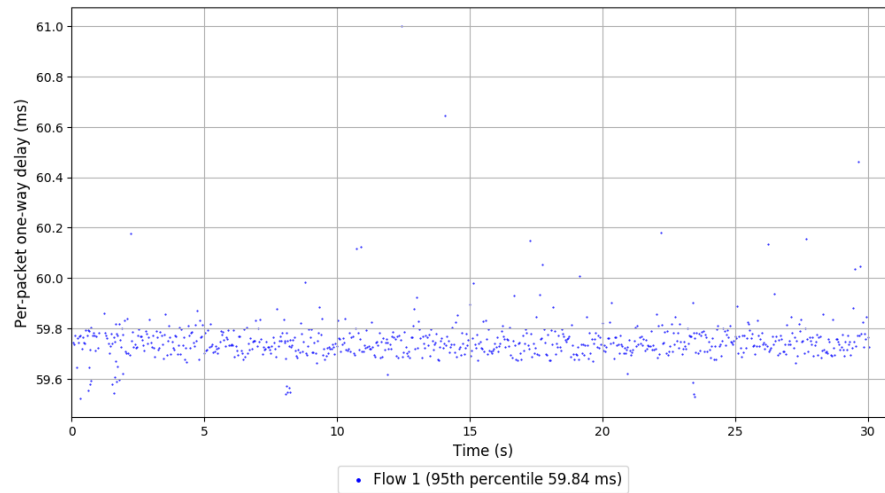
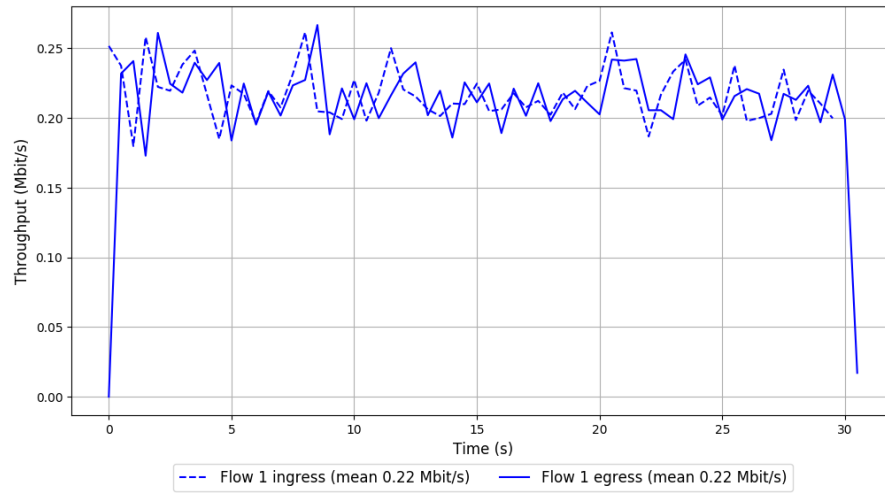


Run 8: Statistics of SCReAM

Start at: 2018-08-02 03:58:20
End at: 2018-08-02 03:58:50
Local clock offset: -0.018 ms
Remote clock offset: -1.393 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 59.845 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 59.845 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-08-02 04:20:36

End at: 2018-08-02 04:21:06

Local clock offset: -0.054 ms

Remote clock offset: 0.17 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 61.643 ms

Loss rate: 0.00%

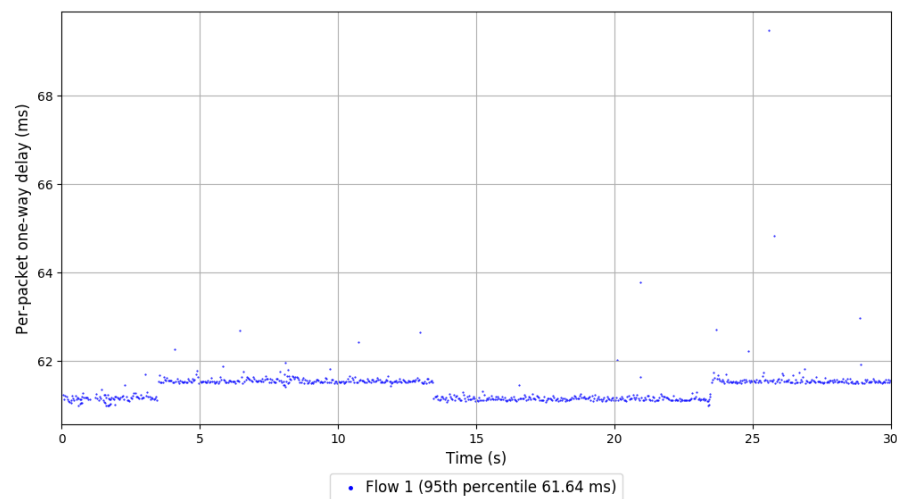
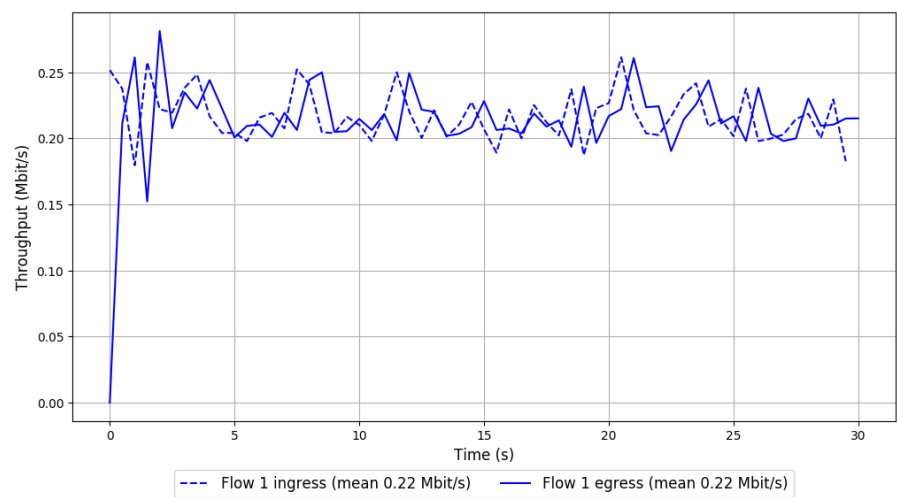
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 61.643 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

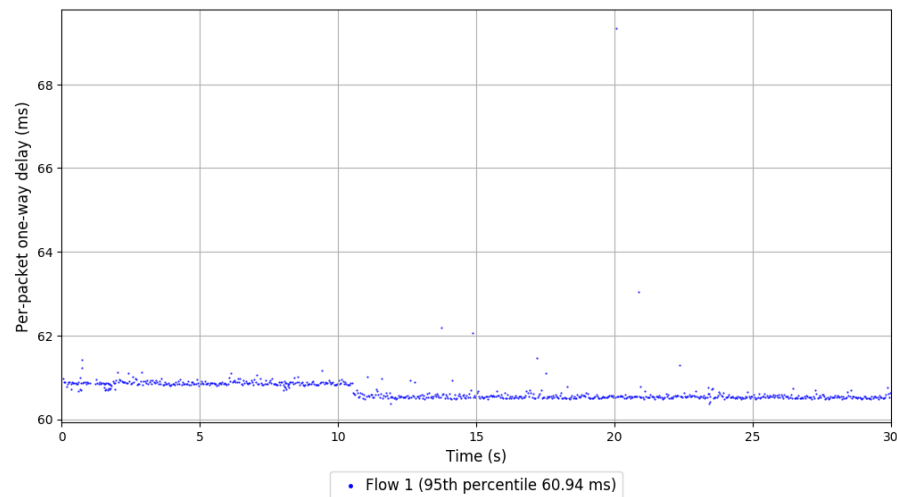
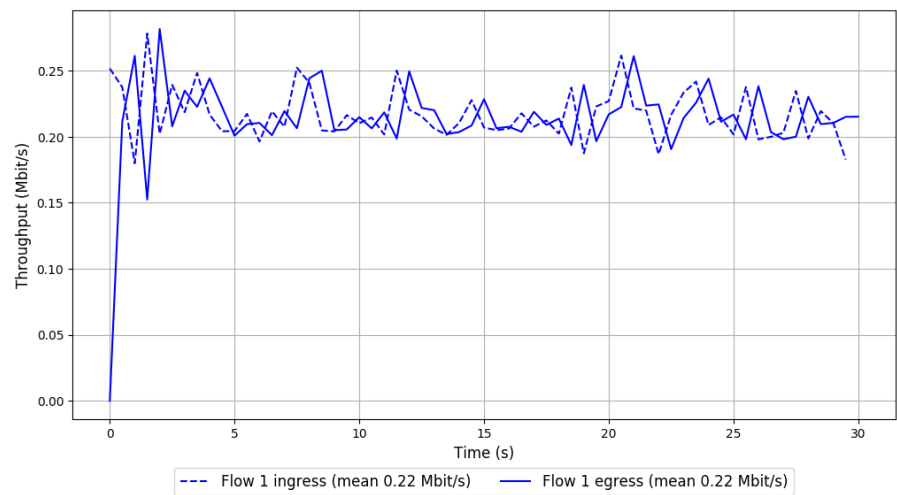


Run 10: Statistics of SReAM

Start at: 2018-08-02 04:43:09
End at: 2018-08-02 04:43:39
Local clock offset: -0.043 ms
Remote clock offset: -0.491 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.939 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.939 ms
Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link

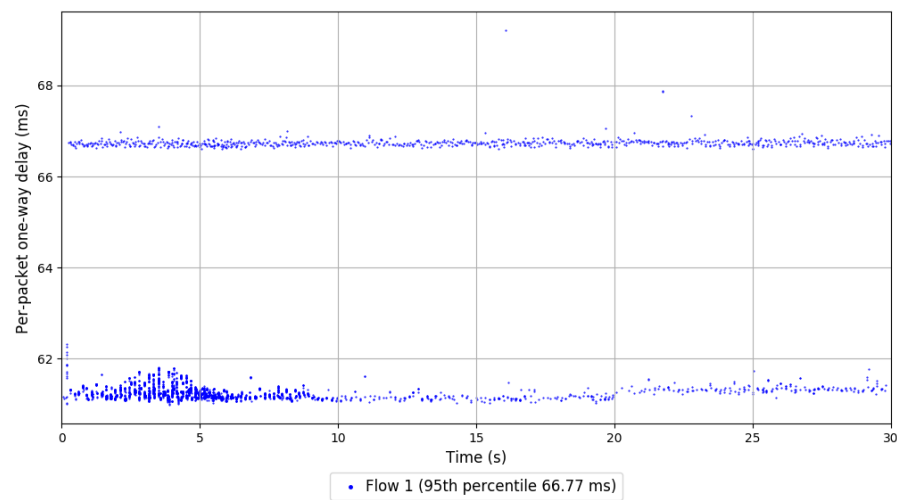
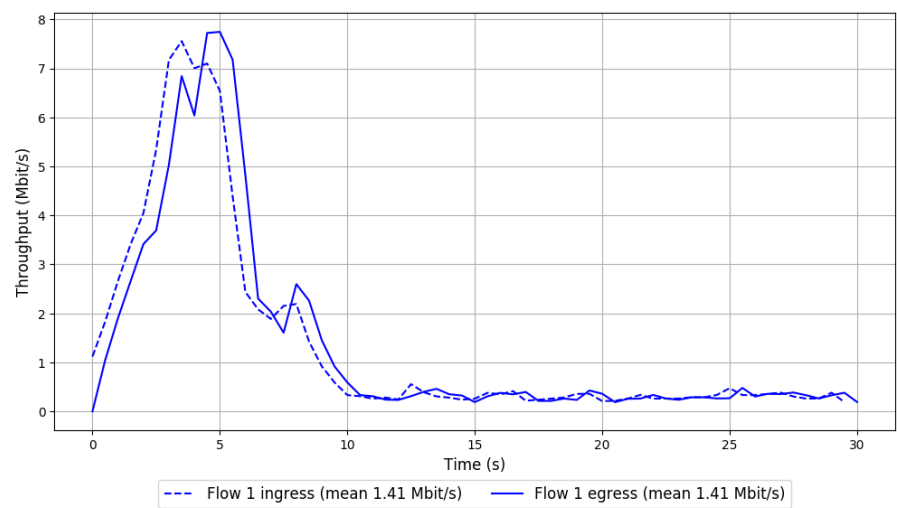


Run 1: Statistics of Sprout

Start at: 2018-08-02 01:14:03
End at: 2018-08-02 01:14:33
Local clock offset: -0.136 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 66.765 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 66.765 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

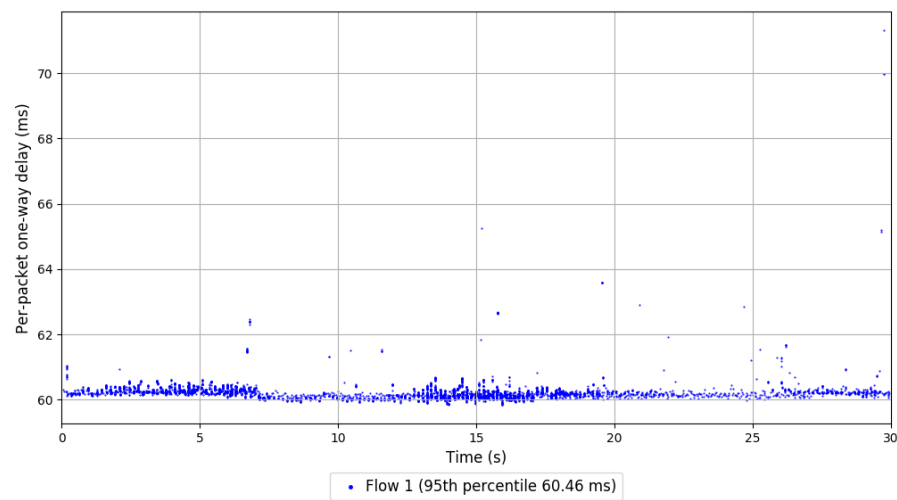
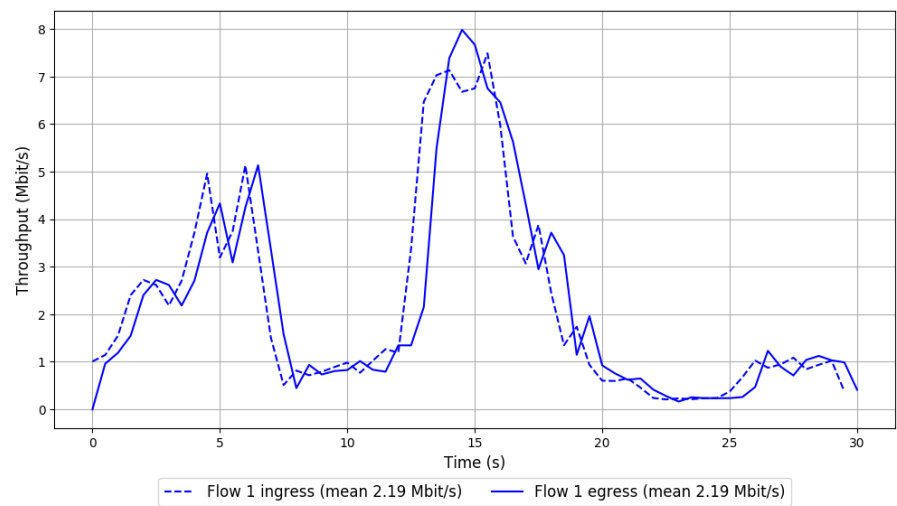


Run 2: Statistics of Sprout

Start at: 2018-08-02 01:36:06
End at: 2018-08-02 01:36:36
Local clock offset: -0.115 ms
Remote clock offset: -1.101 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 60.462 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 60.462 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

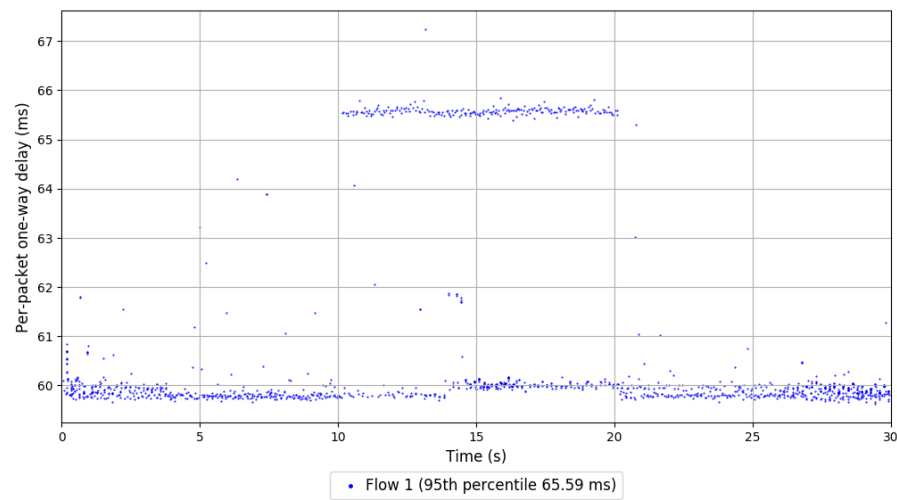
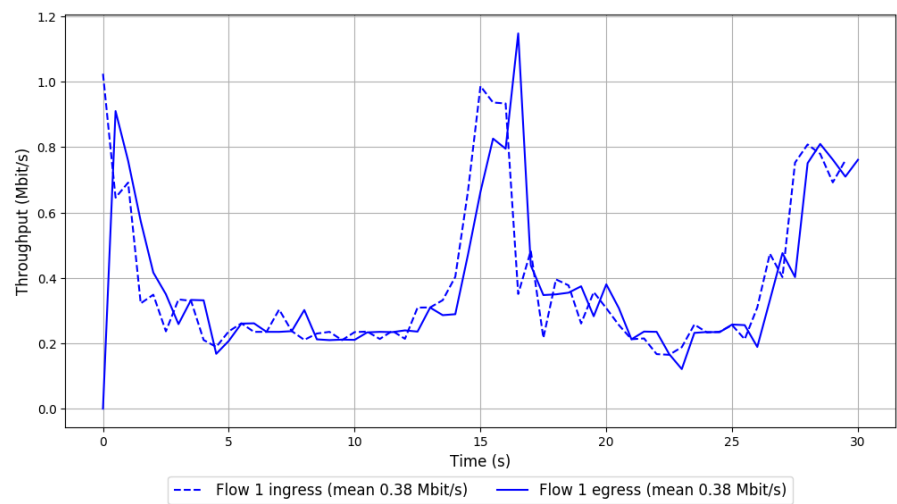


Run 3: Statistics of Sprout

Start at: 2018-08-02 01:58:19
End at: 2018-08-02 01:58:49
Local clock offset: -0.155 ms
Remote clock offset: -1.36 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 65.594 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 65.594 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-08-02 02:20:04

End at: 2018-08-02 02:20:34

Local clock offset: -0.167 ms

Remote clock offset: 1.326 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.01 Mbit/s

95th percentile per-packet one-way delay: 63.213 ms

Loss rate: 0.00%

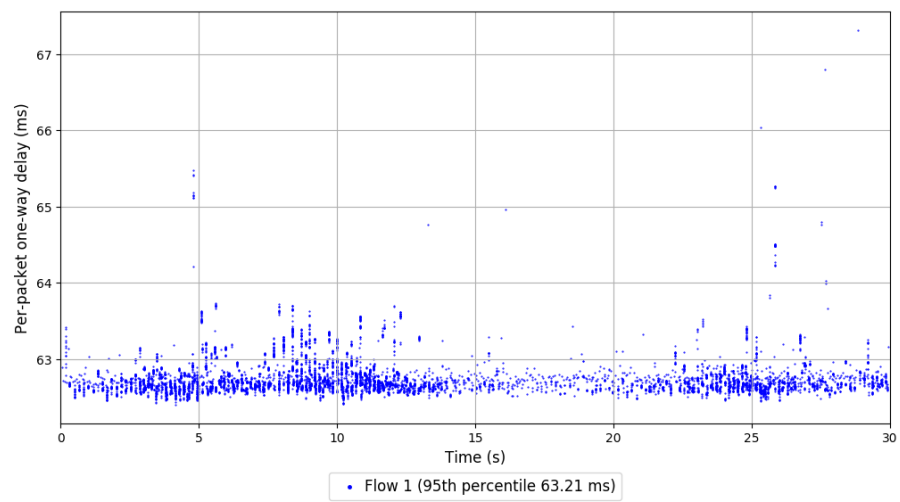
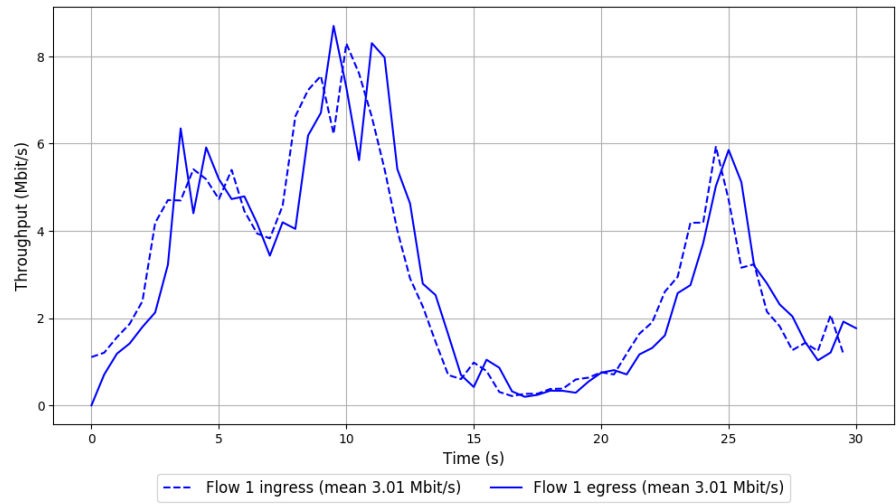
-- Flow 1:

Average throughput: 3.01 Mbit/s

95th percentile per-packet one-way delay: 63.213 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

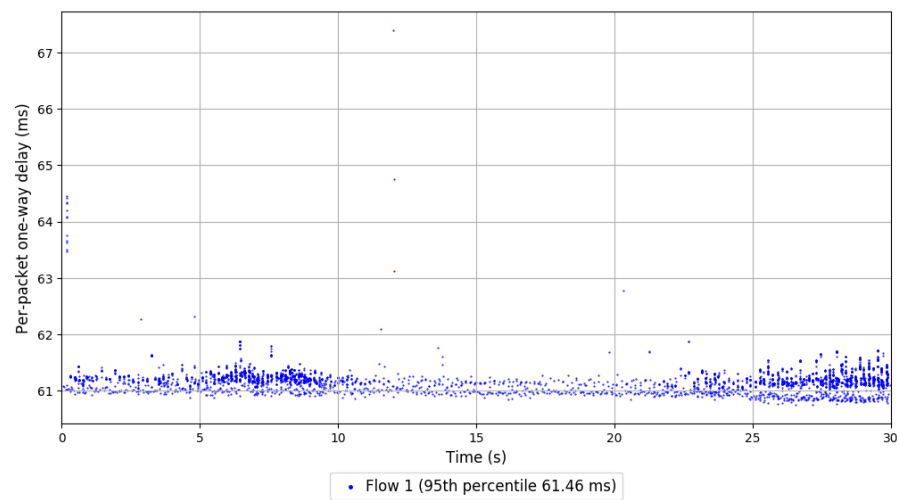
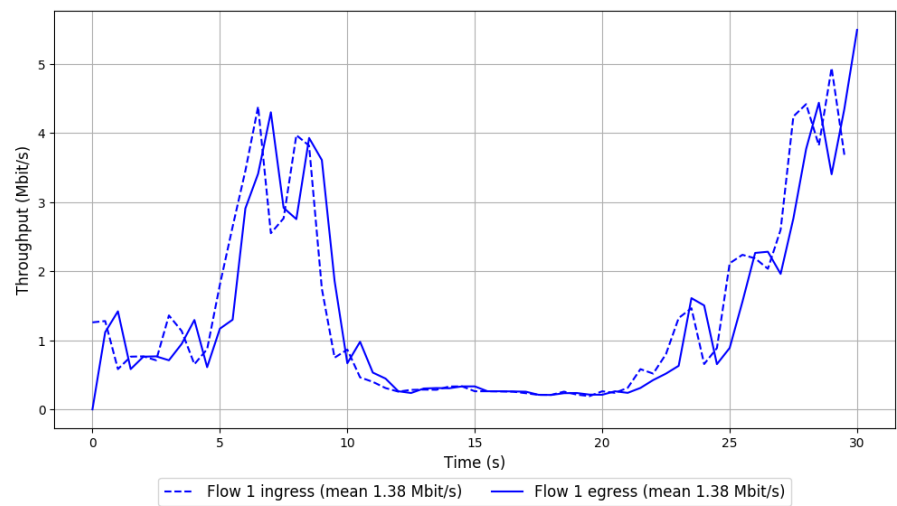


Run 5: Statistics of Sprout

Start at: 2018-08-02 02:41:58
End at: 2018-08-02 02:42:28
Local clock offset: -0.205 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 61.458 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 61.458 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-08-02 03:04:36

End at: 2018-08-02 03:05:06

Local clock offset: -0.195 ms

Remote clock offset: 0.977 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.28 Mbit/s

95th percentile per-packet one-way delay: 62.913 ms

Loss rate: 0.00%

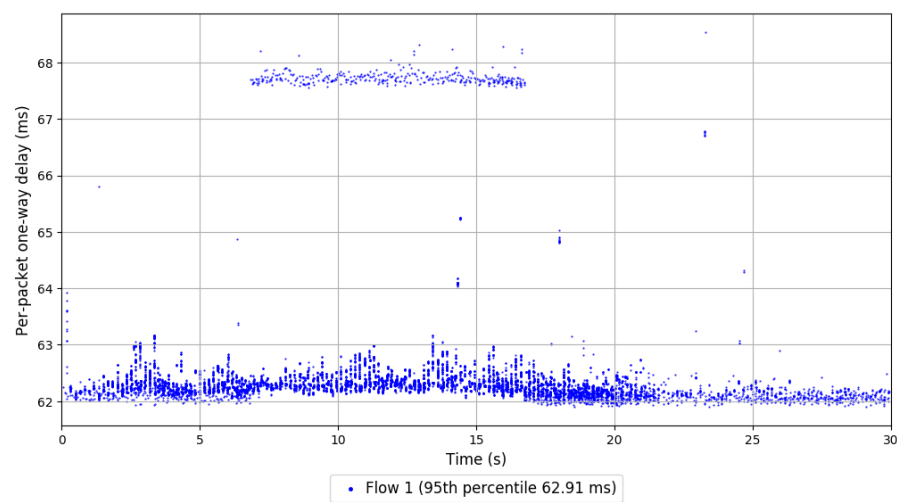
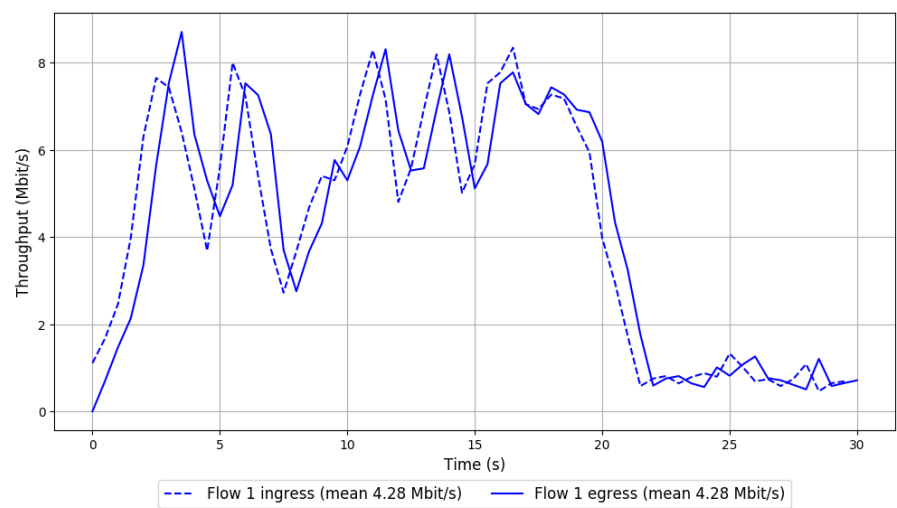
-- Flow 1:

Average throughput: 4.28 Mbit/s

95th percentile per-packet one-way delay: 62.913 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-08-02 03:26:27

End at: 2018-08-02 03:26:57

Local clock offset: -0.213 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 61.423 ms

Loss rate: 0.00%

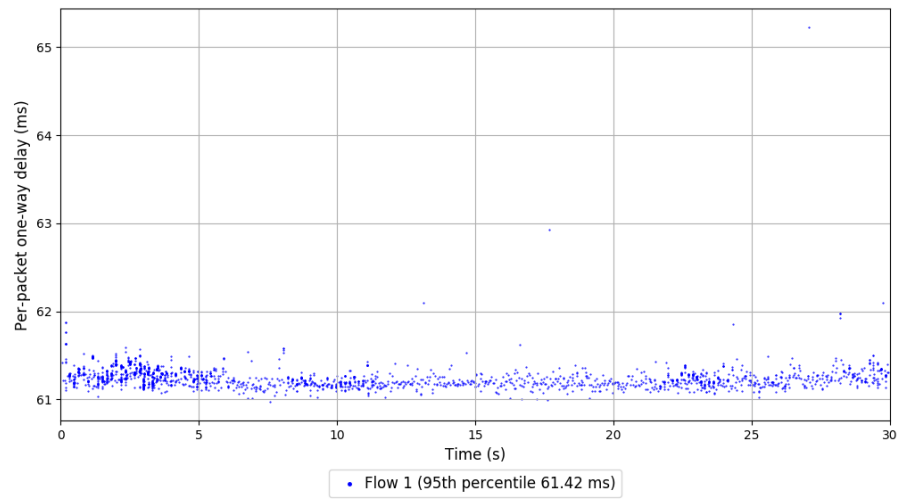
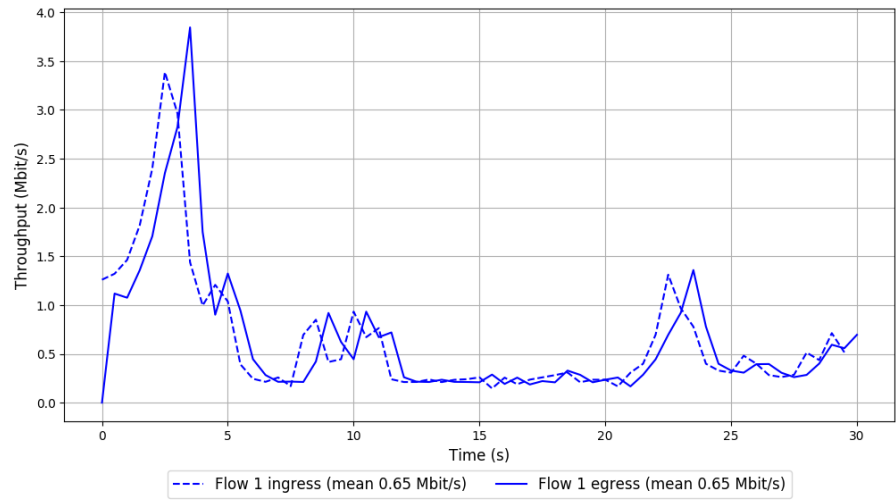
-- Flow 1:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 61.423 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

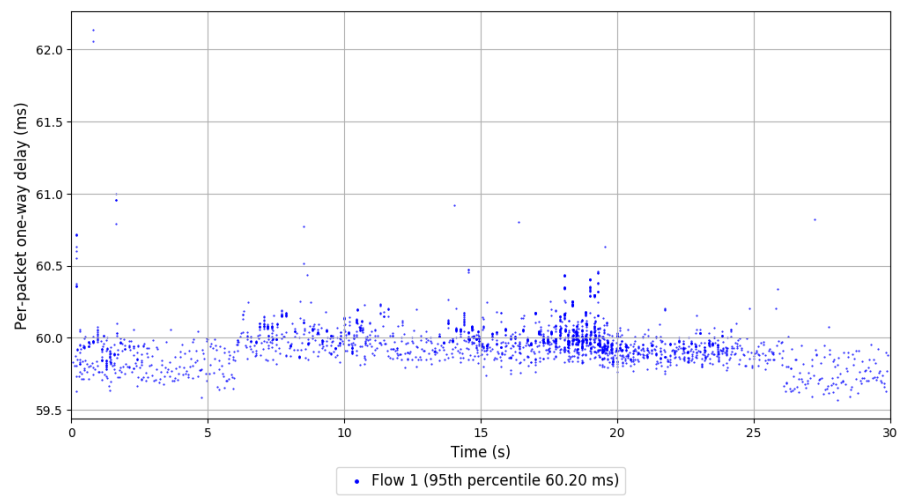
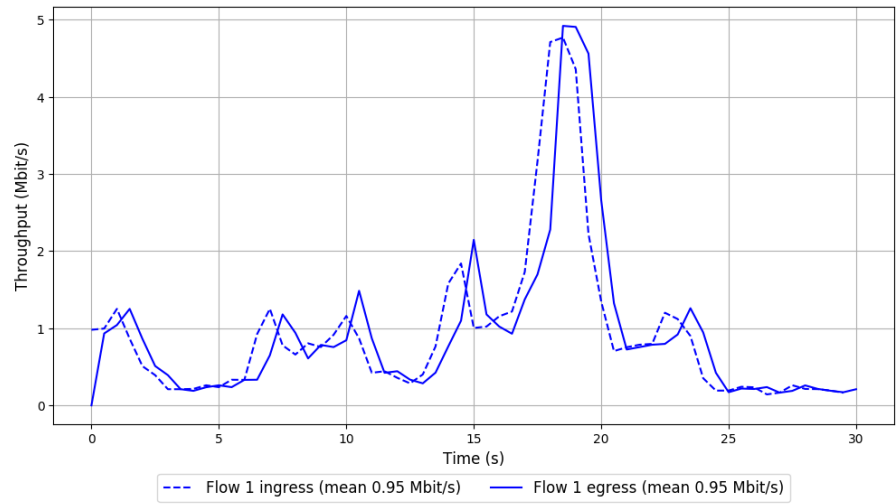


Run 8: Statistics of Sprout

Start at: 2018-08-02 03:48:43
End at: 2018-08-02 03:49:13
Local clock offset: -0.045 ms
Remote clock offset: -1.212 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 60.205 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 60.205 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

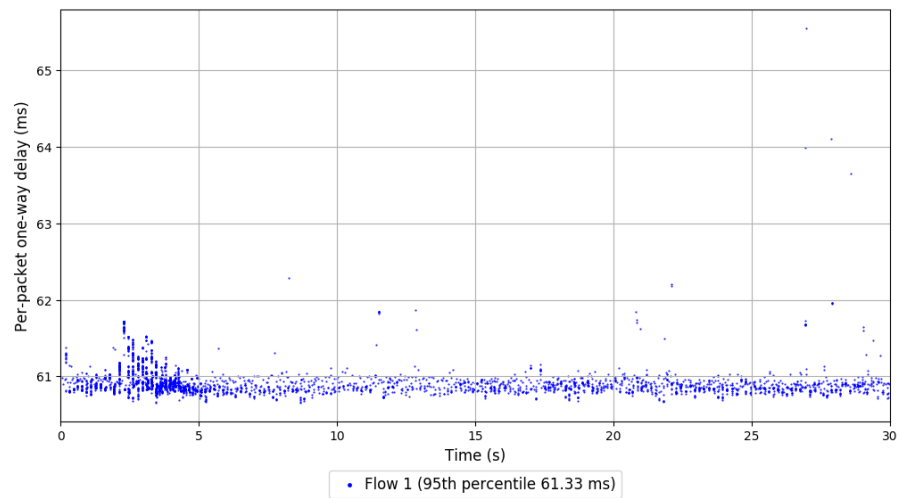
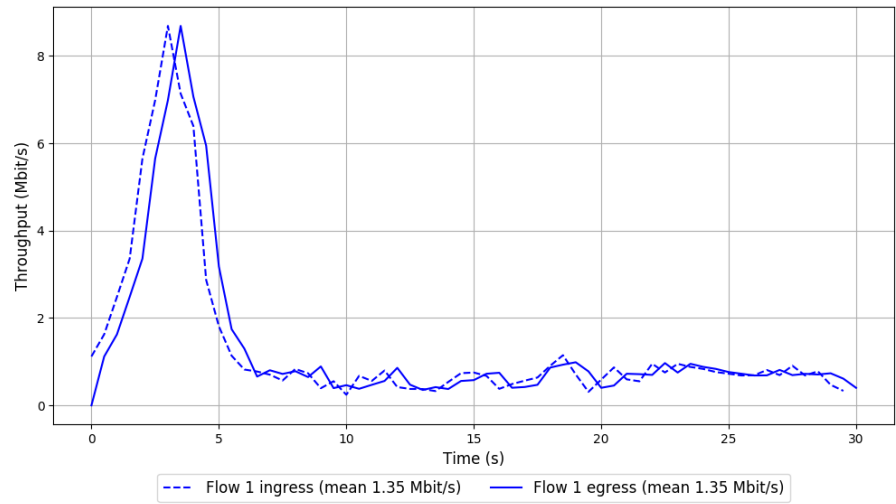


Run 9: Statistics of Sprout

Start at: 2018-08-02 04:11:19
End at: 2018-08-02 04:11:49
Local clock offset: -0.025 ms
Remote clock offset: -0.264 ms

Below is generated by plot.py at 2018-08-02 06:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 61.331 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 61.331 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-08-02 04:33:36

End at: 2018-08-02 04:34:06

Local clock offset: -0.059 ms

Remote clock offset: 1.223 ms

Below is generated by plot.py at 2018-08-02 06:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.20 Mbit/s

95th percentile per-packet one-way delay: 62.735 ms

Loss rate: 0.00%

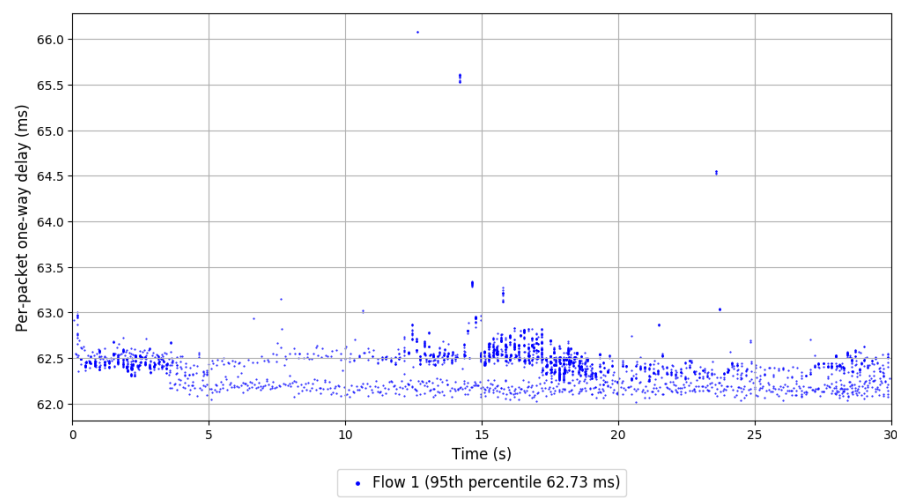
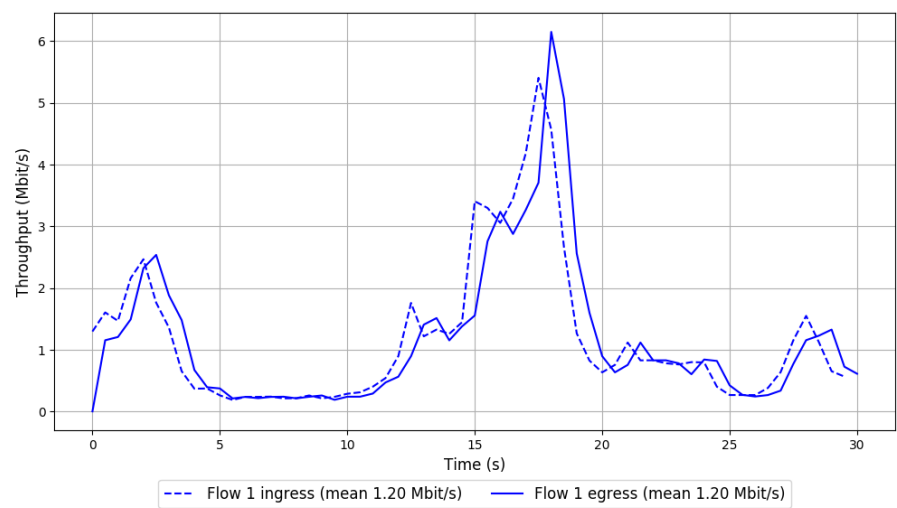
-- Flow 1:

Average throughput: 1.20 Mbit/s

95th percentile per-packet one-way delay: 62.735 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

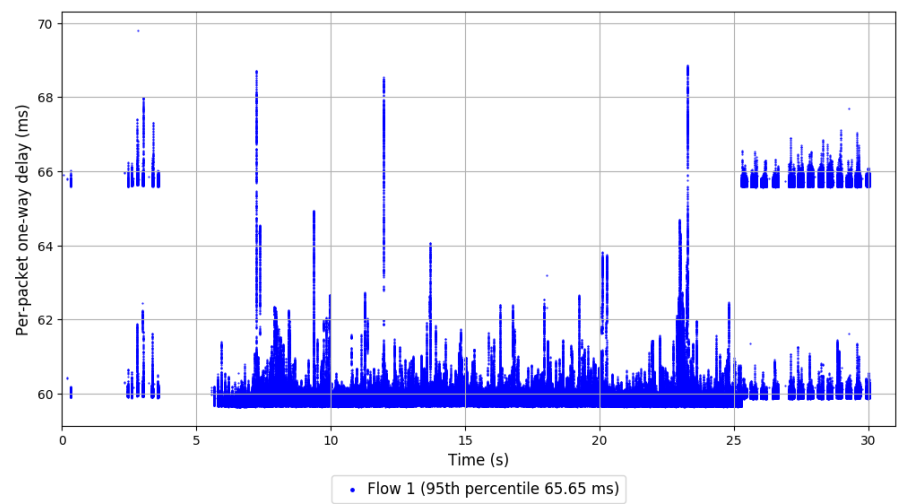
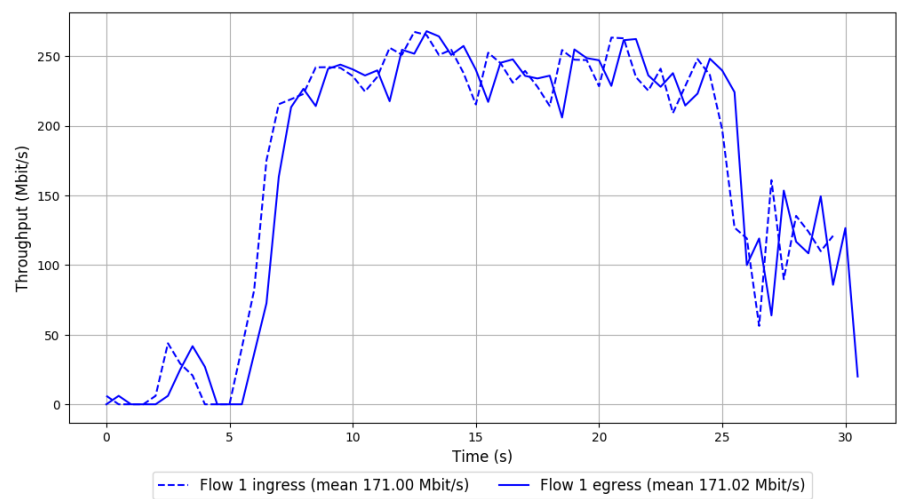


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-02 01:17:58
End at: 2018-08-02 01:18:28
Local clock offset: -0.076 ms
Remote clock offset: -1.172 ms

# Below is generated by plot.py at 2018-08-02 06:38:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 171.02 Mbit/s
95th percentile per-packet one-way delay: 65.648 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 171.02 Mbit/s
95th percentile per-packet one-way delay: 65.648 ms
Loss rate: 0.00%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2018-08-02 01:40:01

End at: 2018-08-02 01:40:31

Local clock offset: -0.121 ms

Remote clock offset: 0.087 ms

Below is generated by plot.py at 2018-08-02 06:39:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 223.67 Mbit/s

95th percentile per-packet one-way delay: 61.682 ms

Loss rate: 0.01%

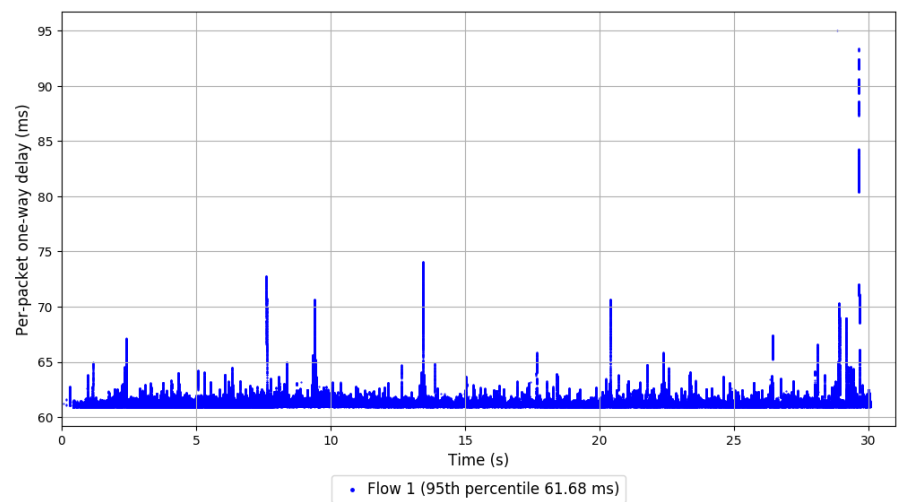
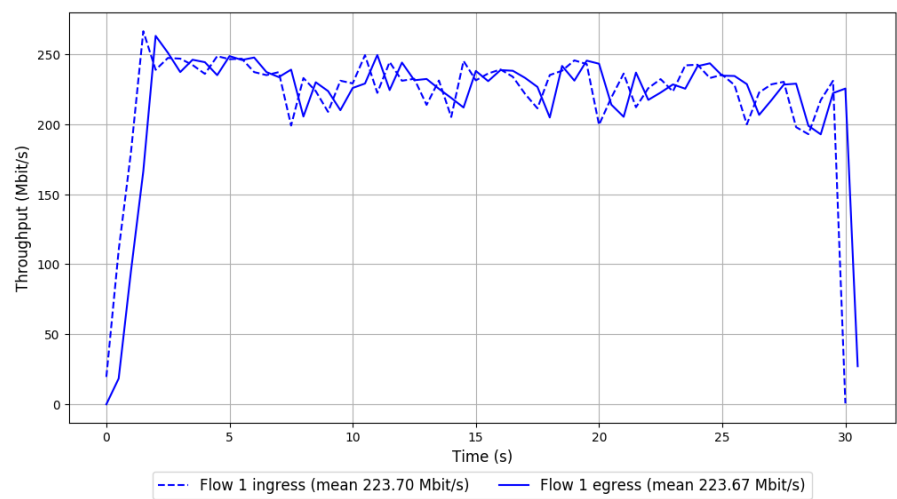
-- Flow 1:

Average throughput: 223.67 Mbit/s

95th percentile per-packet one-way delay: 61.682 ms

Loss rate: 0.01%

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



Run 3: Statistics of TaoVA-100x

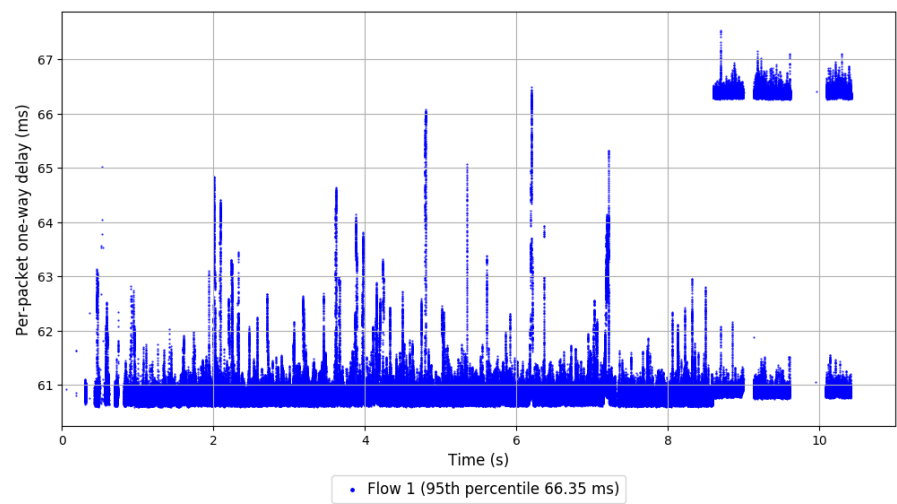
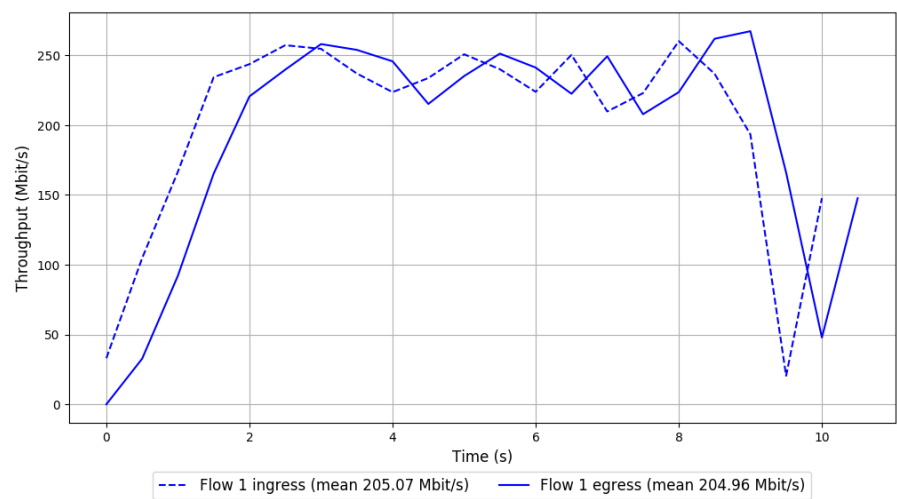
Start at: 2018-08-02 02:02:01

End at: 2018-08-02 02:02:31

Local clock offset: -0.156 ms

Remote clock offset: -0.312 ms

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



Run 4: Statistics of TaoVA-100x

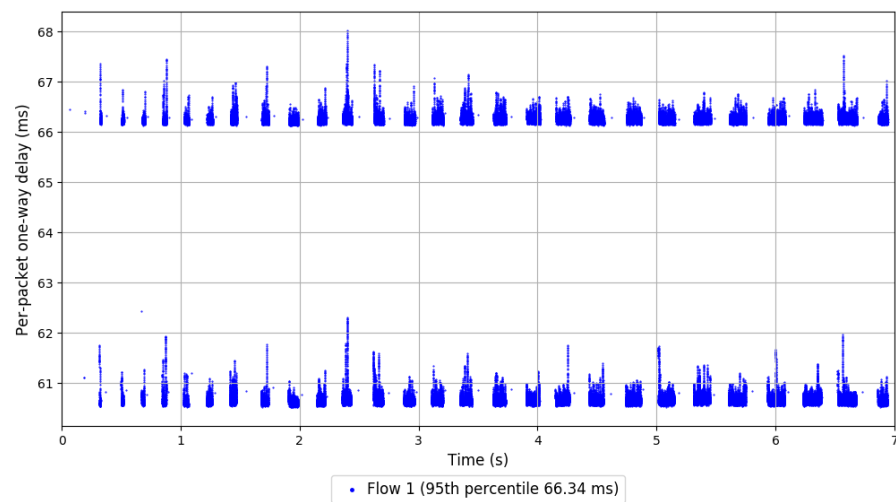
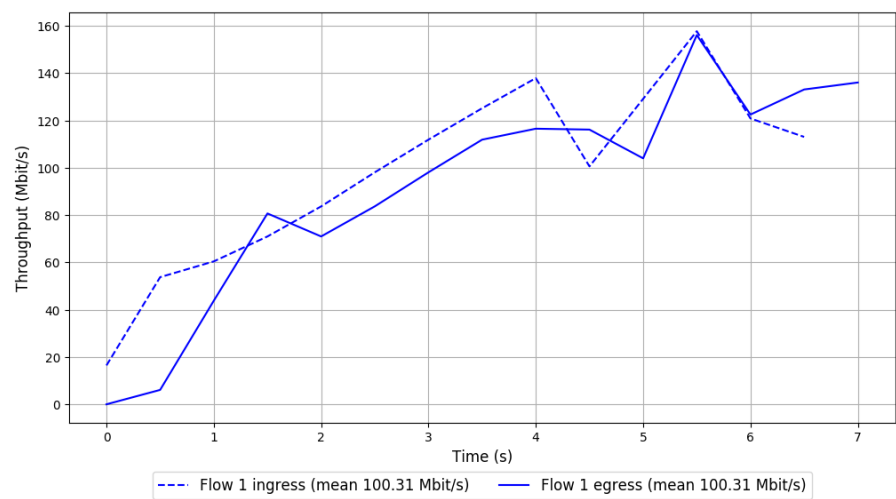
Start at: 2018-08-02 02:23:49

End at: 2018-08-02 02:24:19

Local clock offset: -0.083 ms

Remote clock offset: -0.418 ms

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

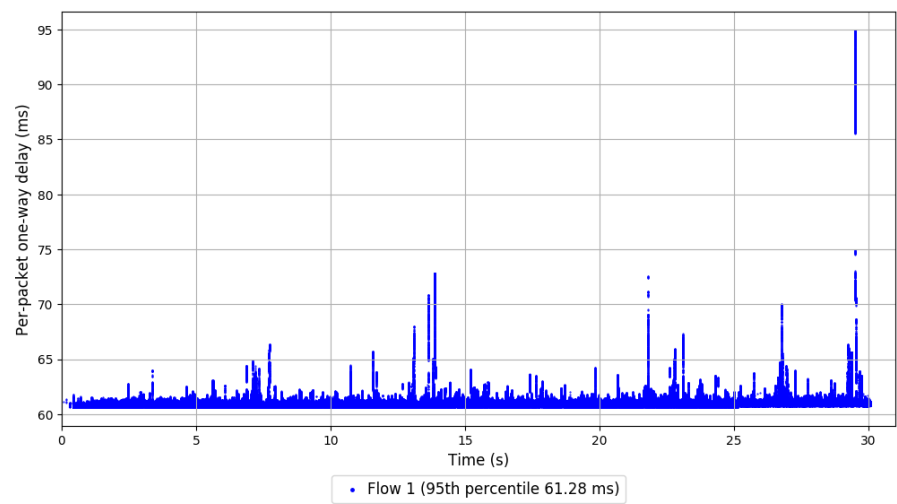
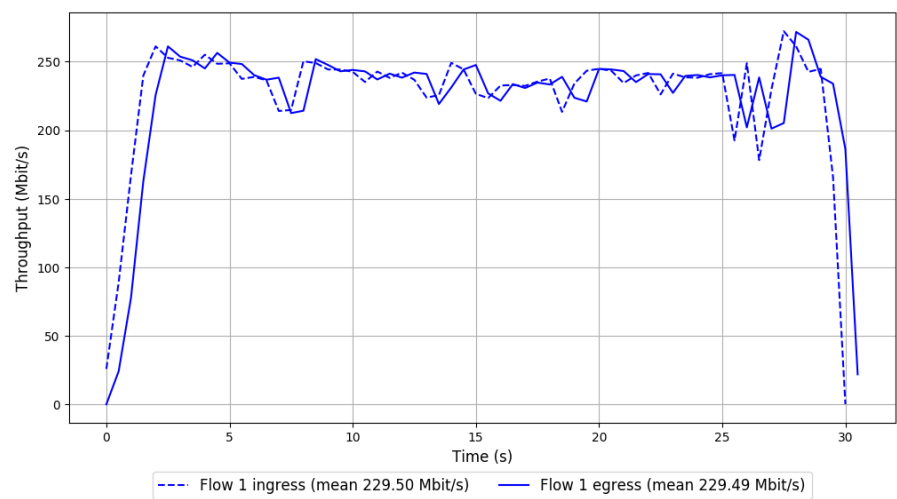


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-02 02:46:08
End at: 2018-08-02 02:46:38
Local clock offset: -0.193 ms
Remote clock offset: -0.141 ms

Below is generated by plot.py at 2018-08-02 06:41:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 229.49 Mbit/s
95th percentile per-packet one-way delay: 61.276 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 229.49 Mbit/s
95th percentile per-packet one-way delay: 61.276 ms
Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-08-02 03:08:22

End at: 2018-08-02 03:08:52

Local clock offset: -0.202 ms

Remote clock offset: -0.011 ms

Below is generated by plot.py at 2018-08-02 06:42:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 233.62 Mbit/s

95th percentile per-packet one-way delay: 61.412 ms

Loss rate: 0.01%

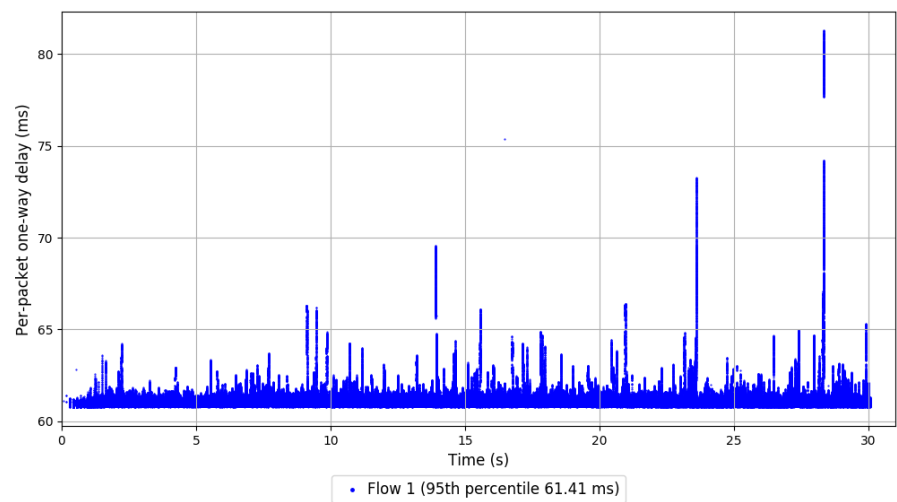
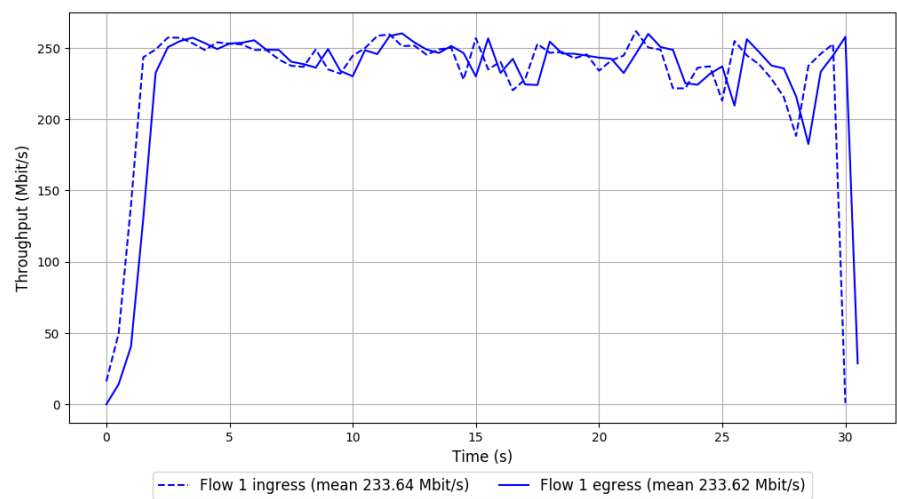
-- Flow 1:

Average throughput: 233.62 Mbit/s

95th percentile per-packet one-way delay: 61.412 ms

Loss rate: 0.01%

Run 6: Report of TaoVA-100x — Data Link

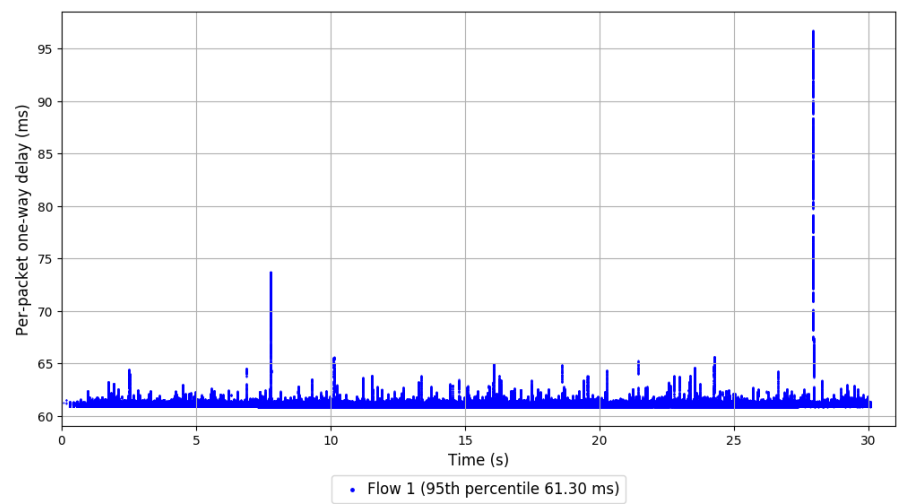
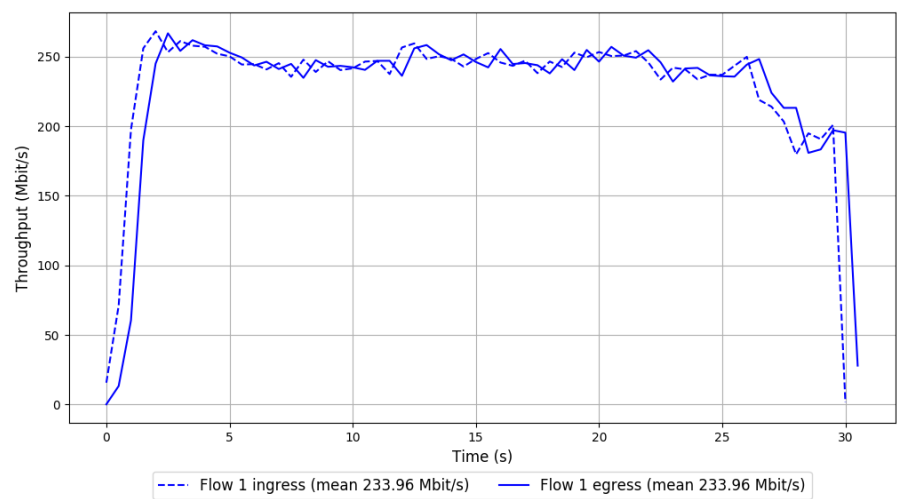


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-02 03:30:22
End at: 2018-08-02 03:30:52
Local clock offset: -0.149 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2018-08-02 06:42:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 233.96 Mbit/s
95th percentile per-packet one-way delay: 61.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 233.96 Mbit/s
95th percentile per-packet one-way delay: 61.305 ms
Loss rate: 0.00%

Run 7: Report of TaoVA-100x — Data Link



Run 8: Statistics of TaoVA-100x

Start at: 2018-08-02 03:52:58

End at: 2018-08-02 03:53:28

Local clock offset: -0.054 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2018-08-02 06:43:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 228.70 Mbit/s

95th percentile per-packet one-way delay: 61.504 ms

Loss rate: 0.00%

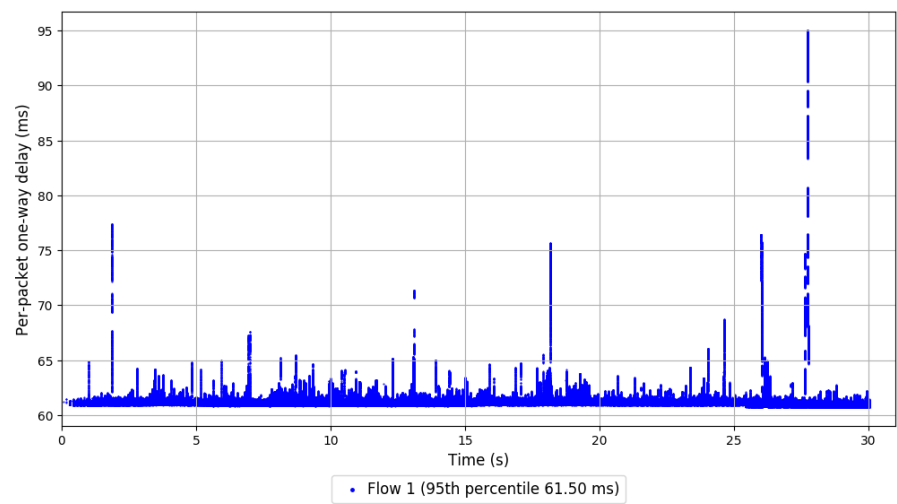
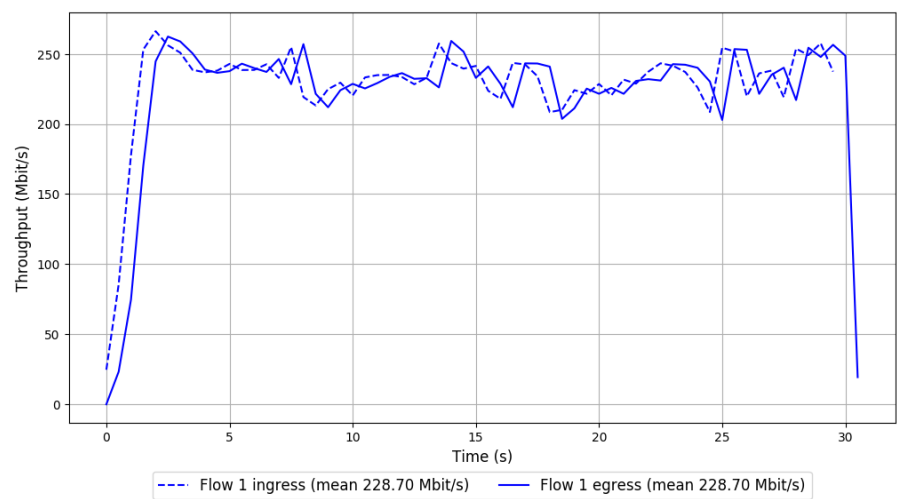
-- Flow 1:

Average throughput: 228.70 Mbit/s

95th percentile per-packet one-way delay: 61.504 ms

Loss rate: 0.00%

Run 8: Report of TaoVA-100x — Data Link

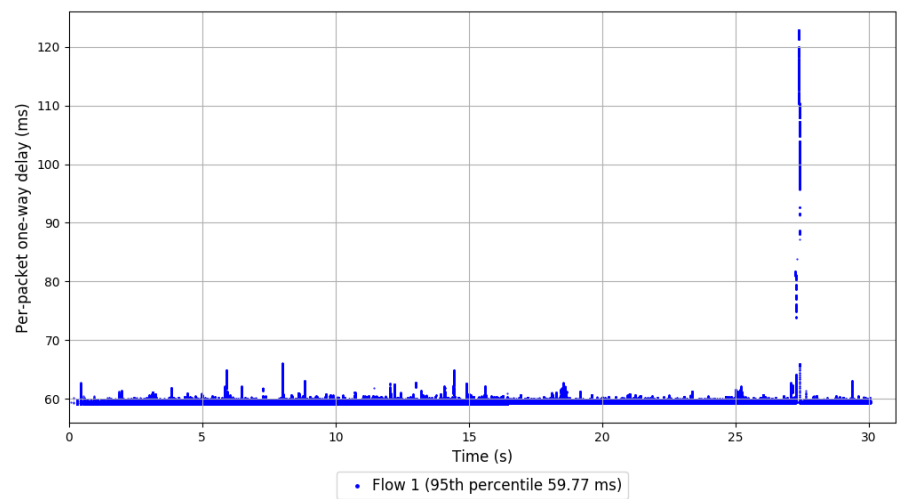
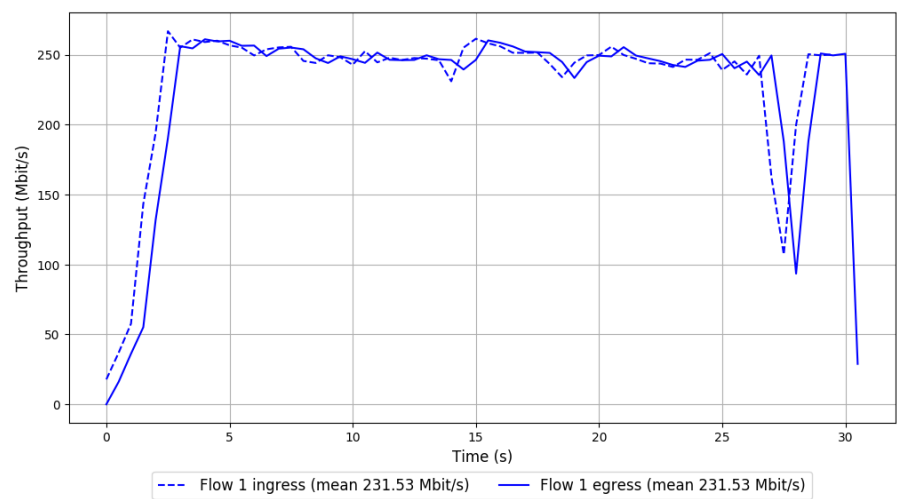


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-02 04:15:17
End at: 2018-08-02 04:15:47
Local clock offset: -0.035 ms
Remote clock offset: -1.536 ms

Below is generated by plot.py at 2018-08-02 06:44:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 231.53 Mbit/s
95th percentile per-packet one-way delay: 59.772 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 231.53 Mbit/s
95th percentile per-packet one-way delay: 59.772 ms
Loss rate: 0.00%

Run 9: Report of TaoVA-100x — Data Link



Run 10: Statistics of TaoVA-100x

Start at: 2018-08-02 04:37:44

End at: 2018-08-02 04:38:14

Local clock offset: -0.033 ms

Remote clock offset: 0.036 ms

Below is generated by plot.py at 2018-08-02 06:46:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 239.94 Mbit/s

95th percentile per-packet one-way delay: 61.554 ms

Loss rate: 0.00%

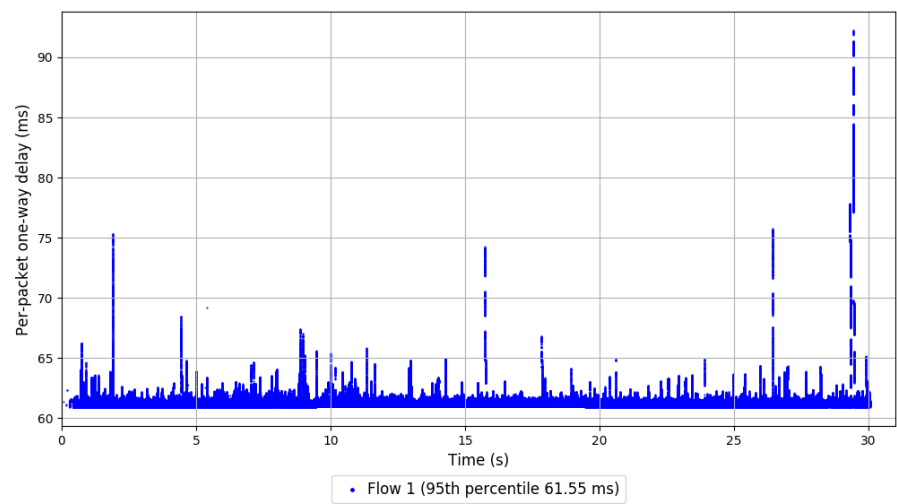
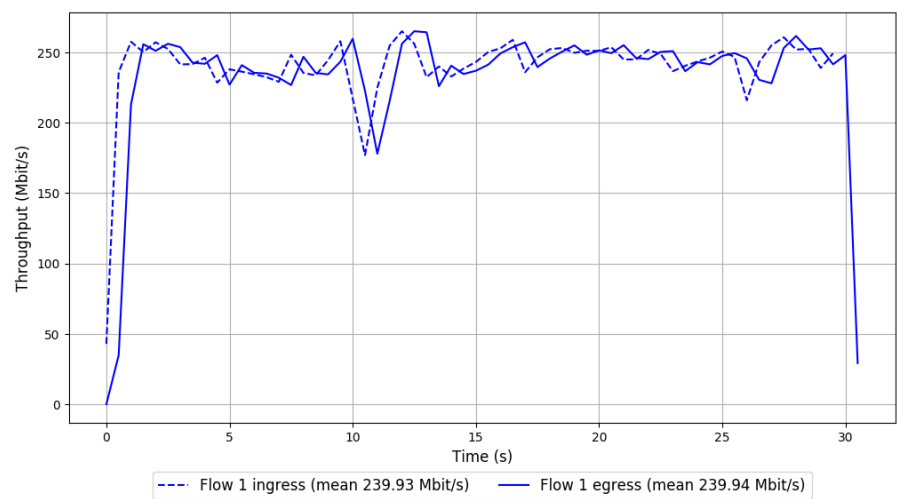
-- Flow 1:

Average throughput: 239.94 Mbit/s

95th percentile per-packet one-way delay: 61.554 ms

Loss rate: 0.00%

Run 10: Report of TaoVA-100x — Data Link



Run 1: Statistics of TCP Vegas

Start at: 2018-08-02 01:25:25

End at: 2018-08-02 01:25:55

Local clock offset: -0.13 ms

Remote clock offset: 0.119 ms

Below is generated by plot.py at 2018-08-02 06:46:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.96 Mbit/s

95th percentile per-packet one-way delay: 64.612 ms

Loss rate: 0.00%

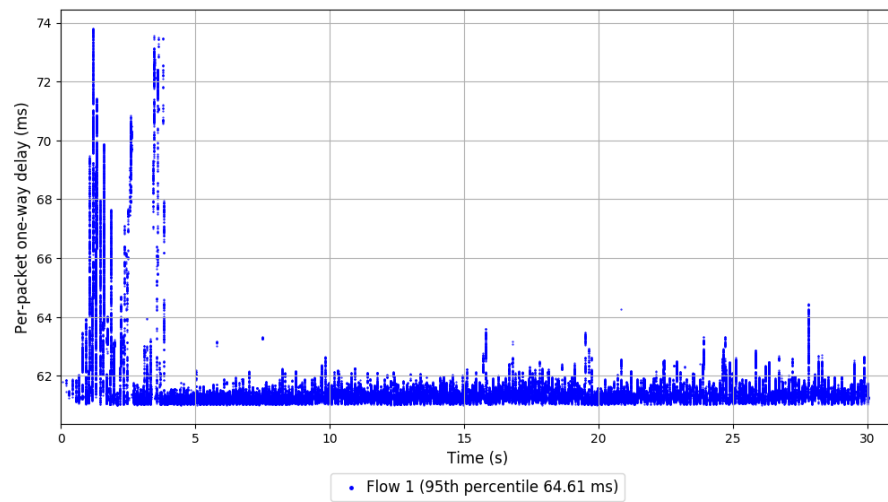
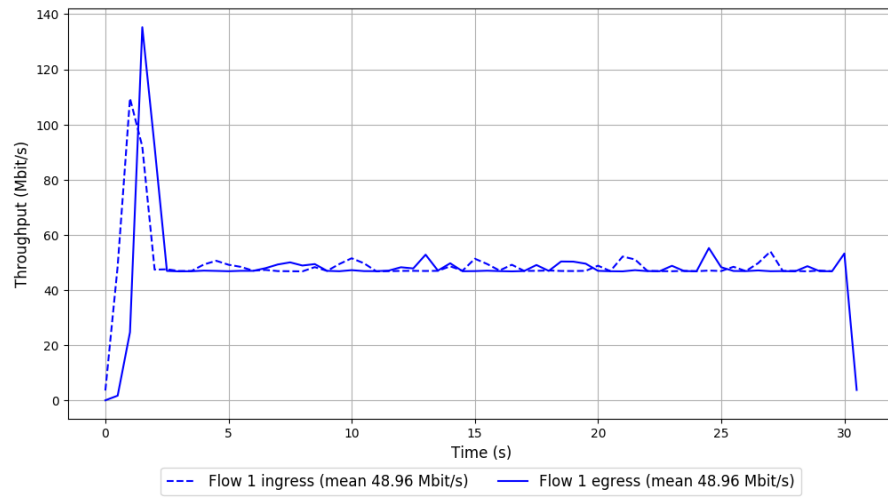
-- Flow 1:

Average throughput: 48.96 Mbit/s

95th percentile per-packet one-way delay: 64.612 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

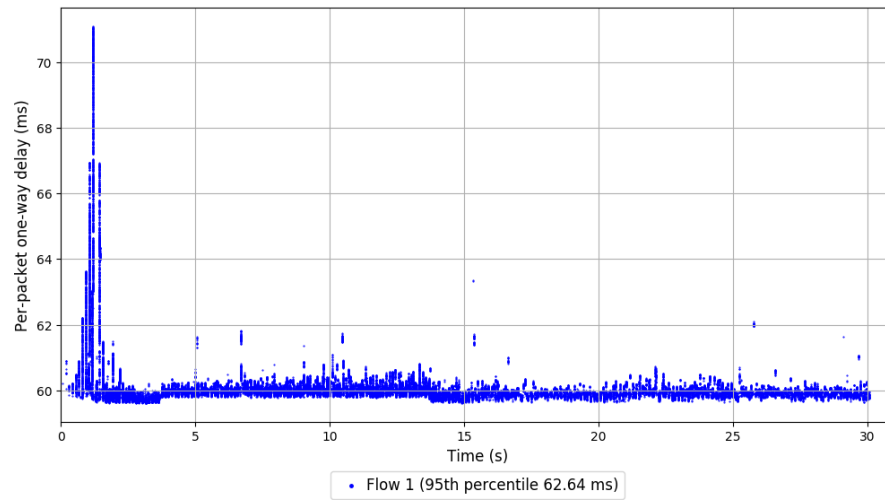
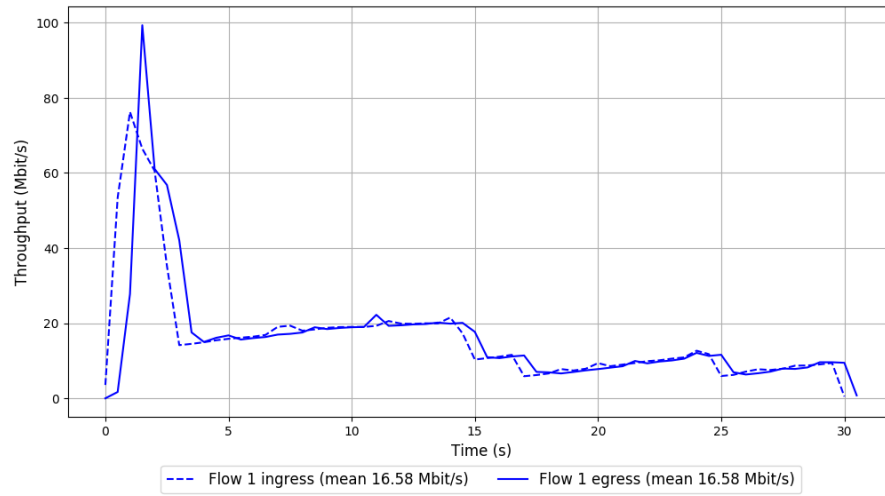


Run 2: Statistics of TCP Vegas

Start at: 2018-08-02 01:47:39
End at: 2018-08-02 01:48:09
Local clock offset: -0.111 ms
Remote clock offset: -1.234 ms

Below is generated by plot.py at 2018-08-02 06:46:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.58 Mbit/s
95th percentile per-packet one-way delay: 62.644 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 16.58 Mbit/s
95th percentile per-packet one-way delay: 62.644 ms
Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link

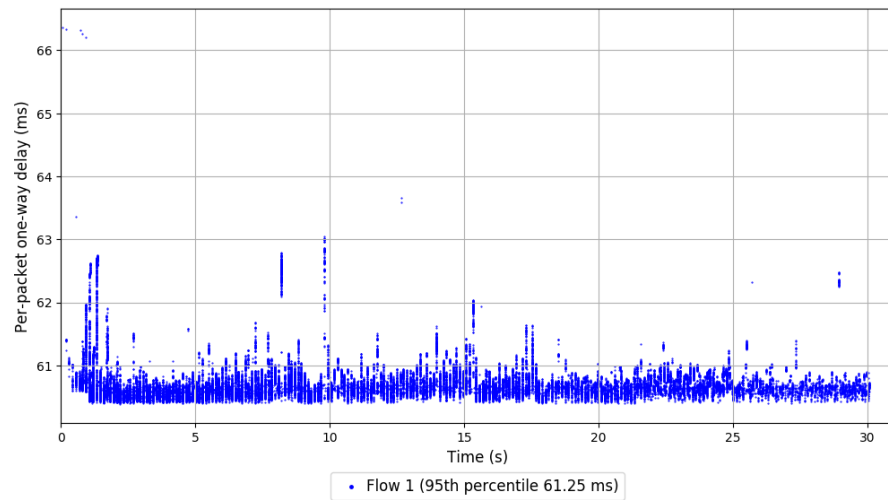
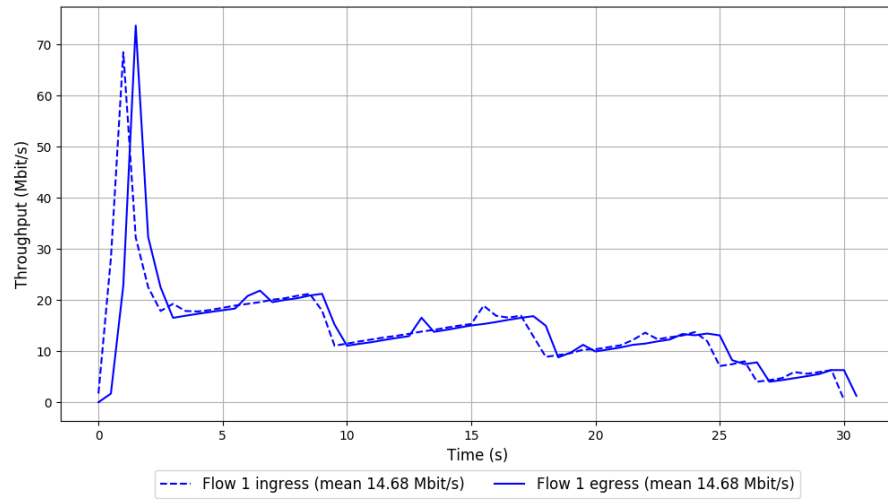


Run 3: Statistics of TCP Vegas

Start at: 2018-08-02 02:09:22
End at: 2018-08-02 02:09:52
Local clock offset: -0.165 ms
Remote clock offset: -0.519 ms

Below is generated by plot.py at 2018-08-02 06:46:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 61.251 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 61.251 ms
Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link

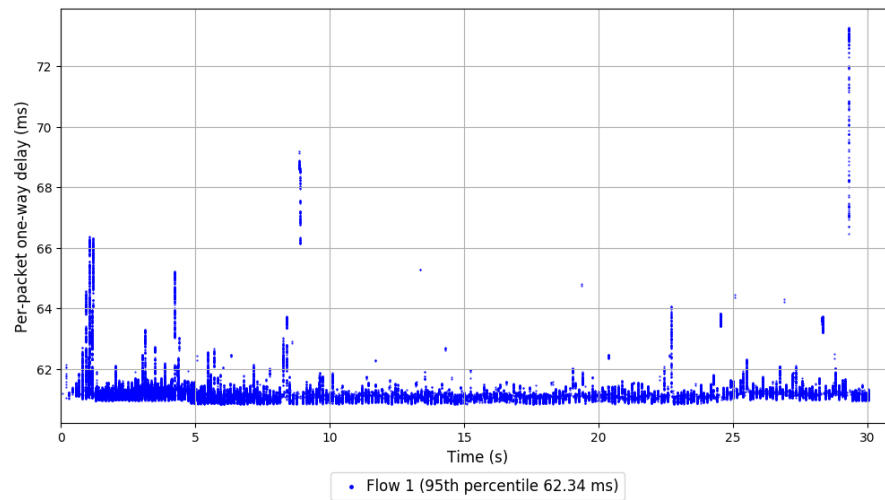
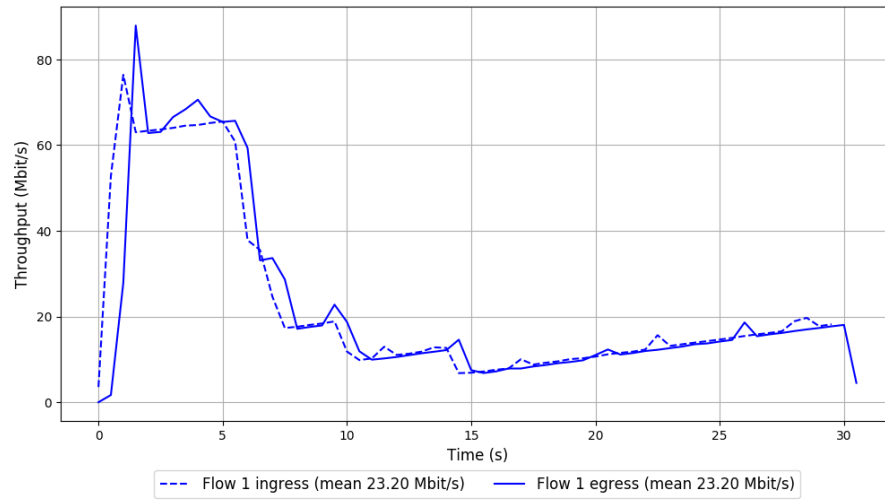


Run 4: Statistics of TCP Vegas

Start at: 2018-08-02 02:31:08
End at: 2018-08-02 02:31:39
Local clock offset: -0.173 ms
Remote clock offset: -0.072 ms

Below is generated by plot.py at 2018-08-02 06:46:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.20 Mbit/s
95th percentile per-packet one-way delay: 62.335 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 23.20 Mbit/s
95th percentile per-packet one-way delay: 62.335 ms
Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link

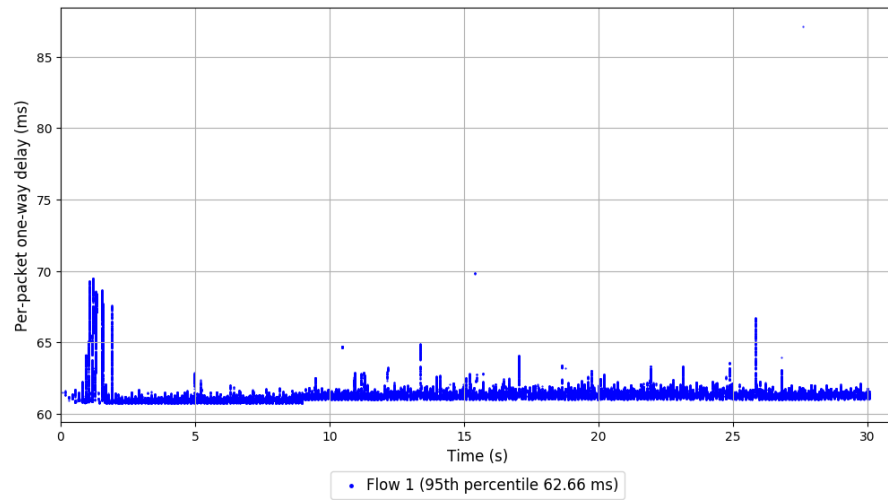
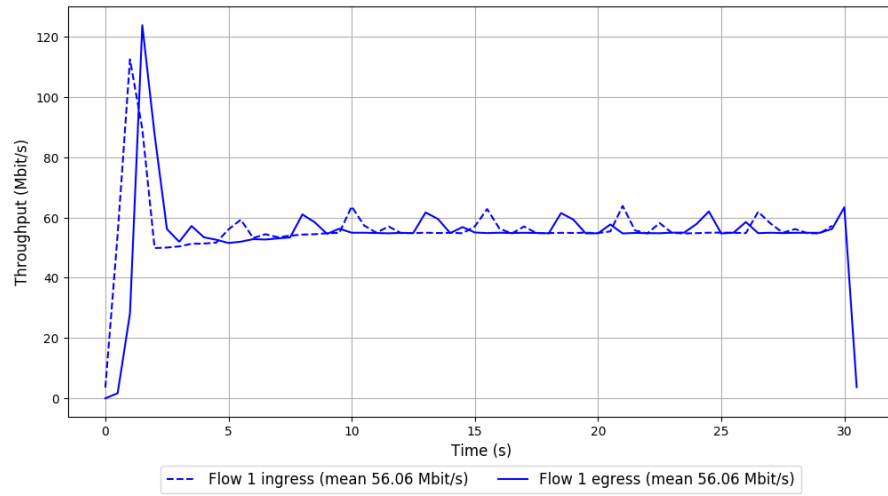


Run 5: Statistics of TCP Vegas

Start at: 2018-08-02 02:53:44
End at: 2018-08-02 02:54:14
Local clock offset: -0.214 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-08-02 06:46:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.06 Mbit/s
95th percentile per-packet one-way delay: 62.657 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.06 Mbit/s
95th percentile per-packet one-way delay: 62.657 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

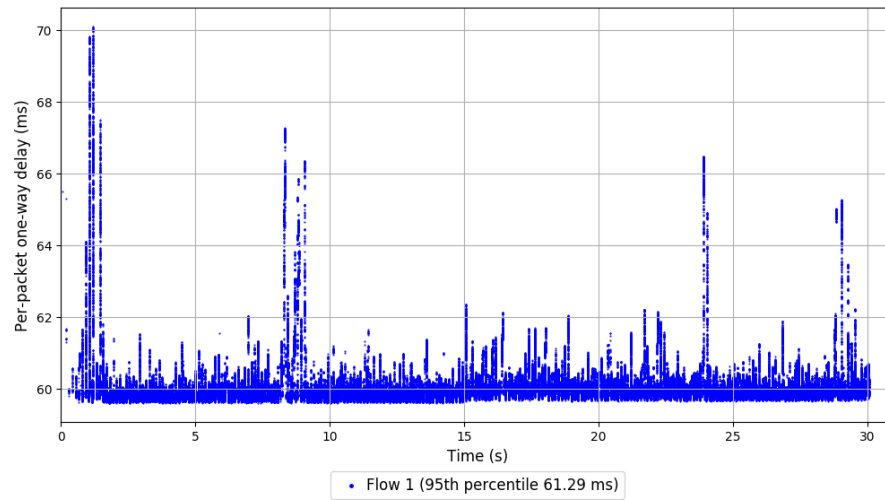
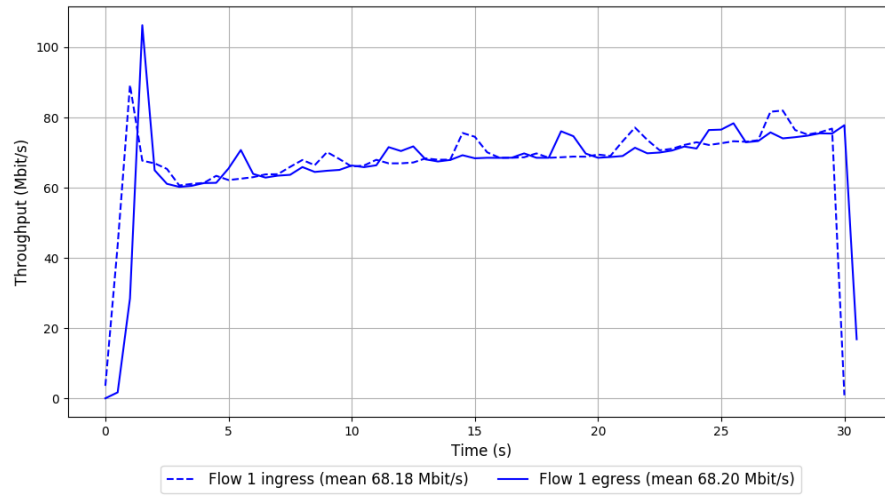


Run 6: Statistics of TCP Vegas

Start at: 2018-08-02 03:15:58
End at: 2018-08-02 03:16:28
Local clock offset: -0.238 ms
Remote clock offset: -1.352 ms

Below is generated by plot.py at 2018-08-02 06:46:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.20 Mbit/s
95th percentile per-packet one-way delay: 61.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.20 Mbit/s
95th percentile per-packet one-way delay: 61.288 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-08-02 03:37:55

End at: 2018-08-02 03:38:25

Local clock offset: -0.092 ms

Remote clock offset: 0.163 ms

Below is generated by plot.py at 2018-08-02 06:46:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.75 Mbit/s

95th percentile per-packet one-way delay: 62.565 ms

Loss rate: 0.00%

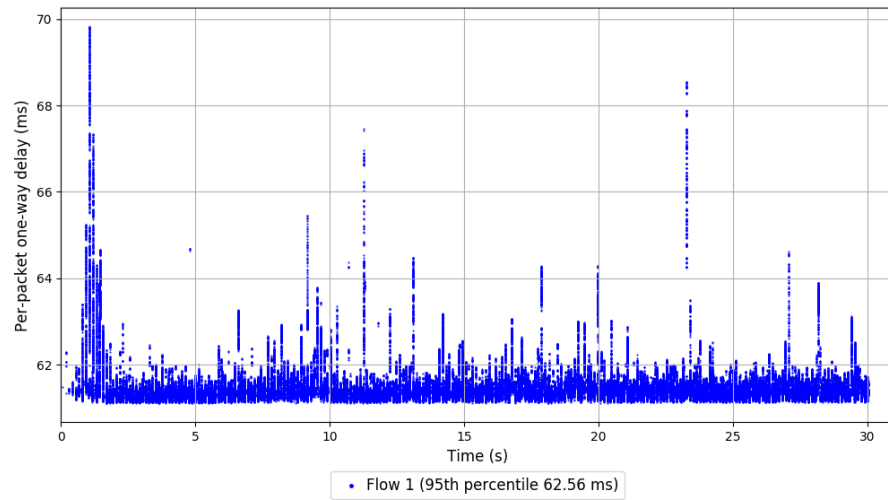
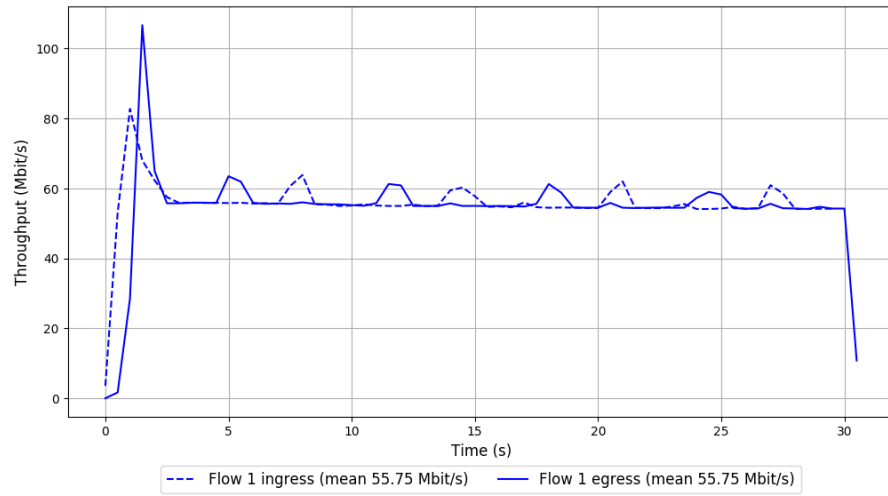
-- Flow 1:

Average throughput: 55.75 Mbit/s

95th percentile per-packet one-way delay: 62.565 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

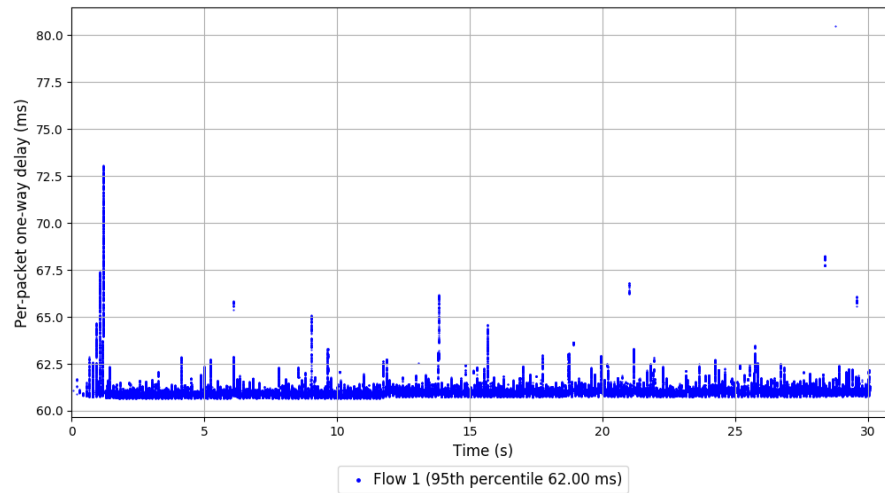
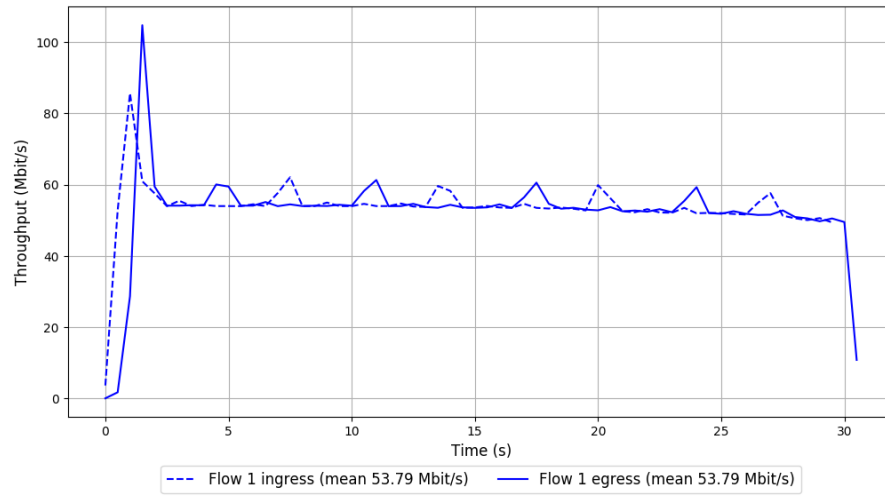


Run 8: Statistics of TCP Vegas

Start at: 2018-08-02 04:00:31
End at: 2018-08-02 04:01:02
Local clock offset: -0.085 ms
Remote clock offset: -0.267 ms

Below is generated by plot.py at 2018-08-02 06:46:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: 61.996 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: 61.996 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

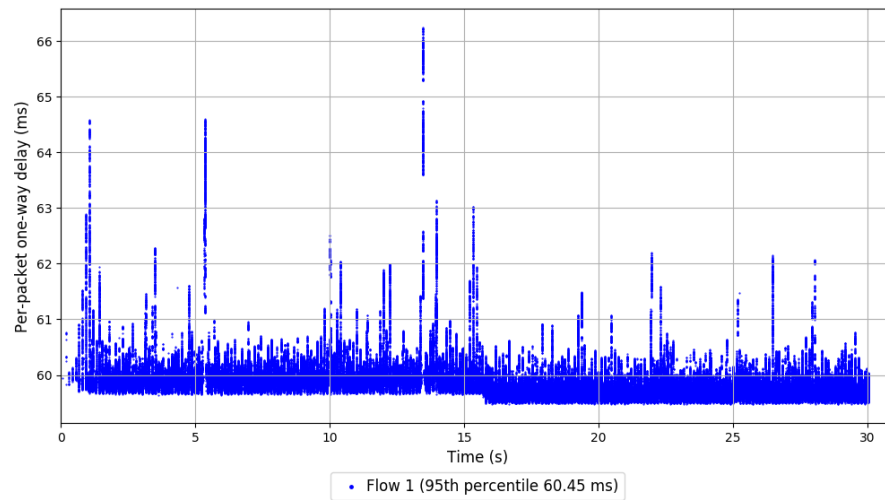
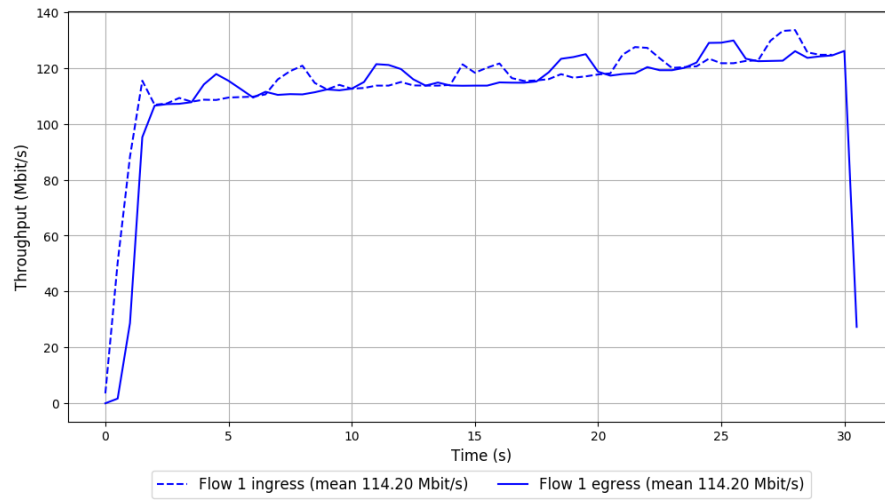


Run 9: Statistics of TCP Vegas

Start at: 2018-08-02 04:22:48
End at: 2018-08-02 04:23:18
Local clock offset: -0.118 ms
Remote clock offset: -1.473 ms

Below is generated by plot.py at 2018-08-02 06:46:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 114.20 Mbit/s
95th percentile per-packet one-way delay: 60.450 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 114.20 Mbit/s
95th percentile per-packet one-way delay: 60.450 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

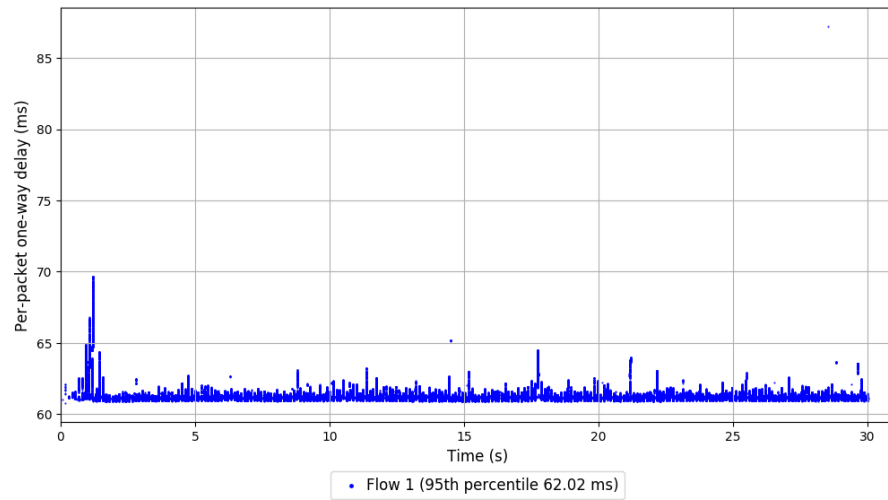
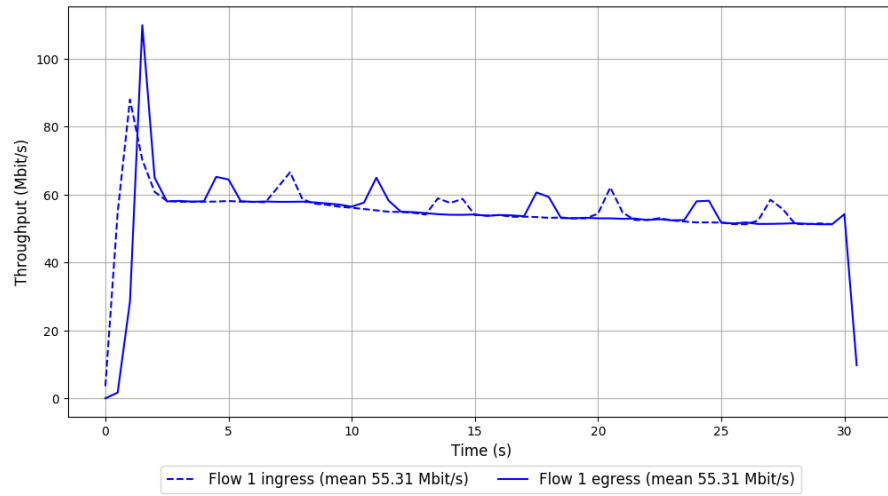


Run 10: Statistics of TCP Vegas

Start at: 2018-08-02 04:45:20
End at: 2018-08-02 04:45:51
Local clock offset: -0.033 ms
Remote clock offset: -0.212 ms

Below is generated by plot.py at 2018-08-02 06:46:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.31 Mbit/s
95th percentile per-packet one-way delay: 62.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.31 Mbit/s
95th percentile per-packet one-way delay: 62.024 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

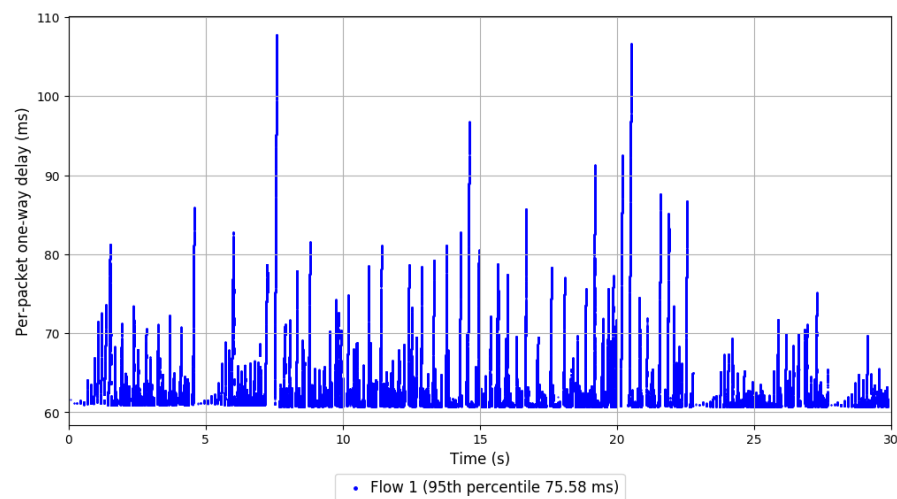
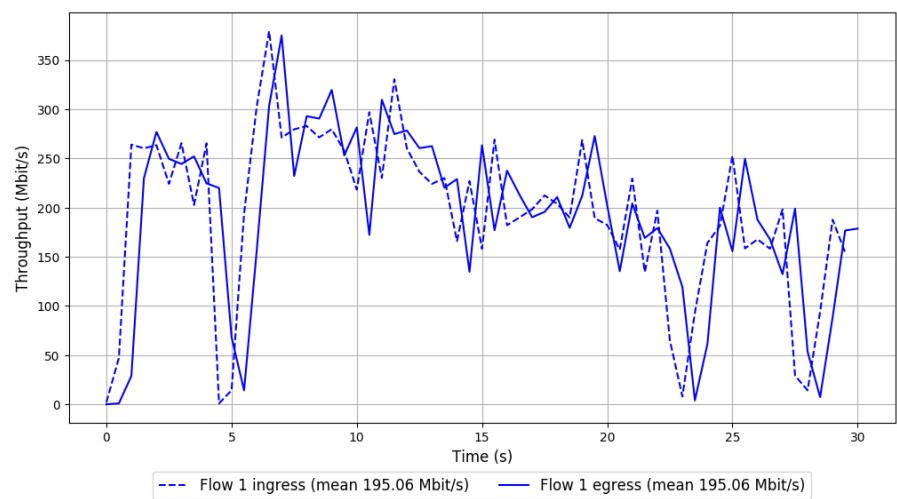


Run 1: Statistics of Verus

Start at: 2018-08-02 01:04:26
End at: 2018-08-02 01:04:56
Local clock offset: -0.098 ms
Remote clock offset: -0.239 ms

Below is generated by plot.py at 2018-08-02 06:46:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 195.06 Mbit/s
95th percentile per-packet one-way delay: 75.581 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 195.06 Mbit/s
95th percentile per-packet one-way delay: 75.581 ms
Loss rate: 0.00%

Run 1: Report of Verus — Data Link

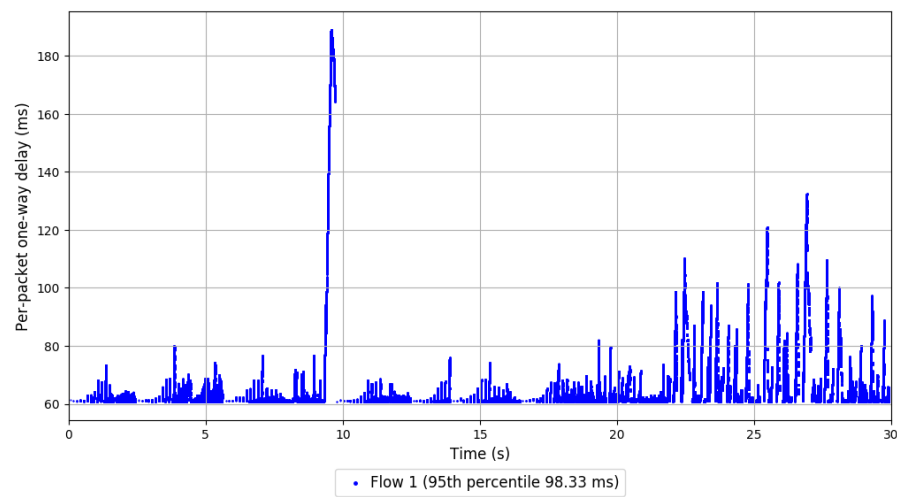
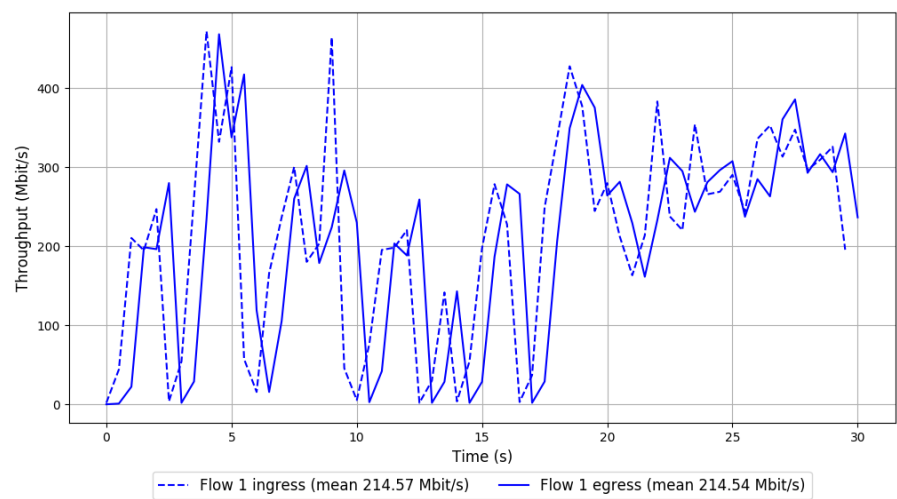


Run 2: Statistics of Verus

Start at: 2018-08-02 01:26:34
End at: 2018-08-02 01:27:04
Local clock offset: -0.152 ms
Remote clock offset: -0.336 ms

Below is generated by plot.py at 2018-08-02 06:46:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 214.54 Mbit/s
95th percentile per-packet one-way delay: 98.332 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 214.54 Mbit/s
95th percentile per-packet one-way delay: 98.332 ms
Loss rate: 0.01%

Run 2: Report of Verus — Data Link

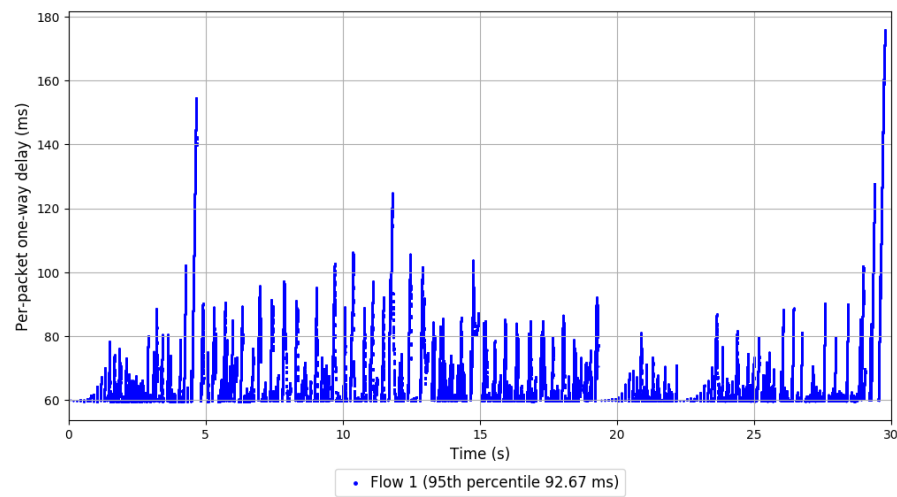
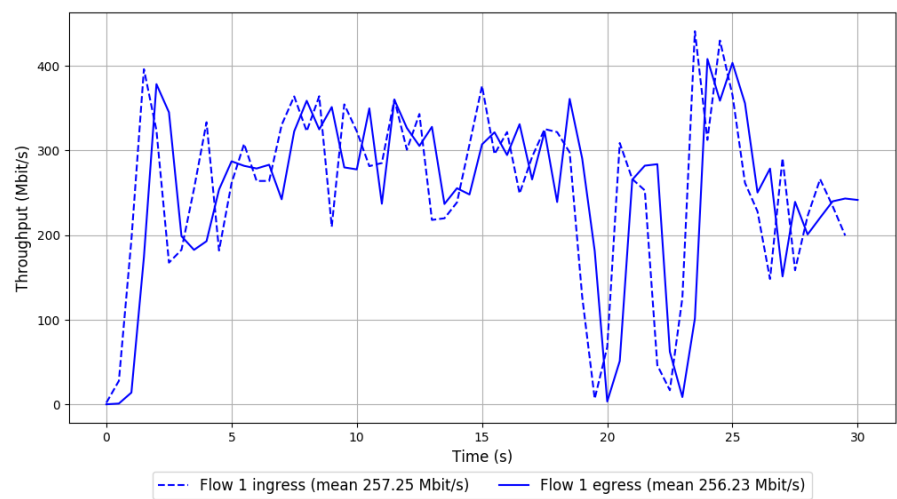


Run 3: Statistics of Verus

Start at: 2018-08-02 01:48:46
End at: 2018-08-02 01:49:16
Local clock offset: -0.124 ms
Remote clock offset: -1.414 ms

Below is generated by plot.py at 2018-08-02 06:47:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 256.23 Mbit/s
95th percentile per-packet one-way delay: 92.673 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 256.23 Mbit/s
95th percentile per-packet one-way delay: 92.673 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-08-02 02:10:29

End at: 2018-08-02 02:10:59

Local clock offset: -0.162 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2018-08-02 06:48:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 217.92 Mbit/s

95th percentile per-packet one-way delay: 81.816 ms

Loss rate: 0.00%

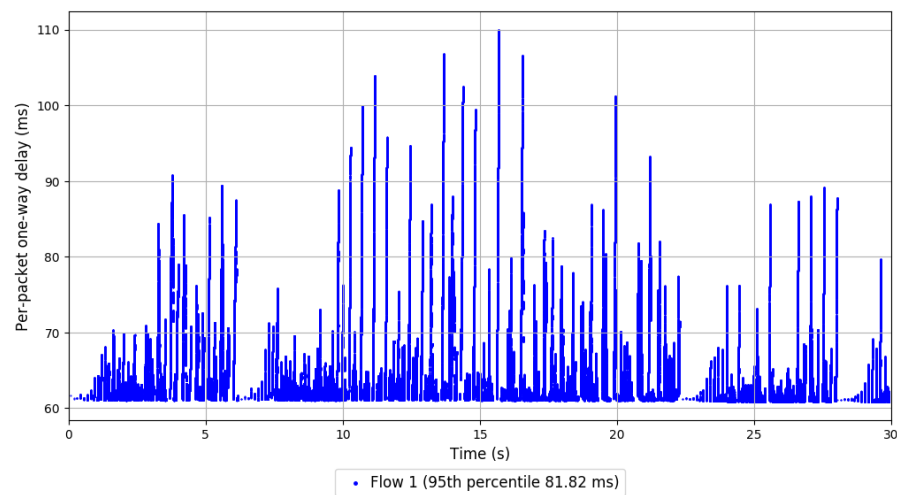
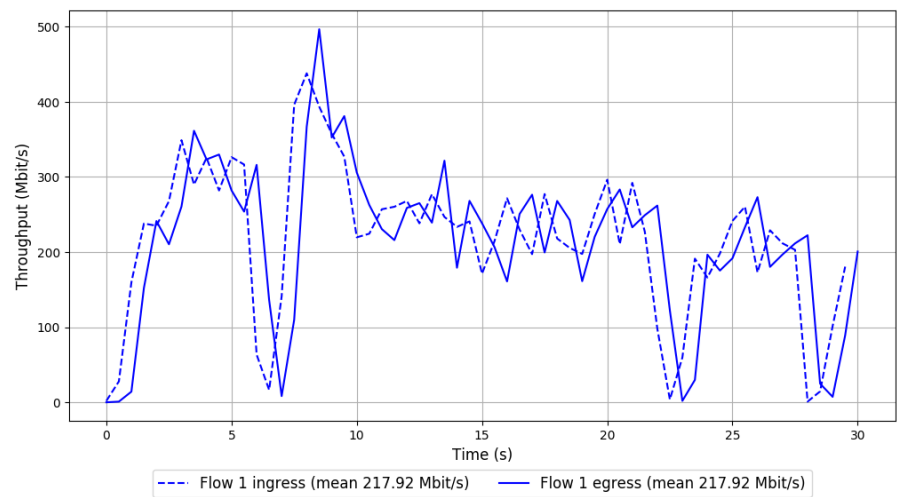
-- Flow 1:

Average throughput: 217.92 Mbit/s

95th percentile per-packet one-way delay: 81.816 ms

Loss rate: 0.00%

Run 4: Report of Verus — Data Link

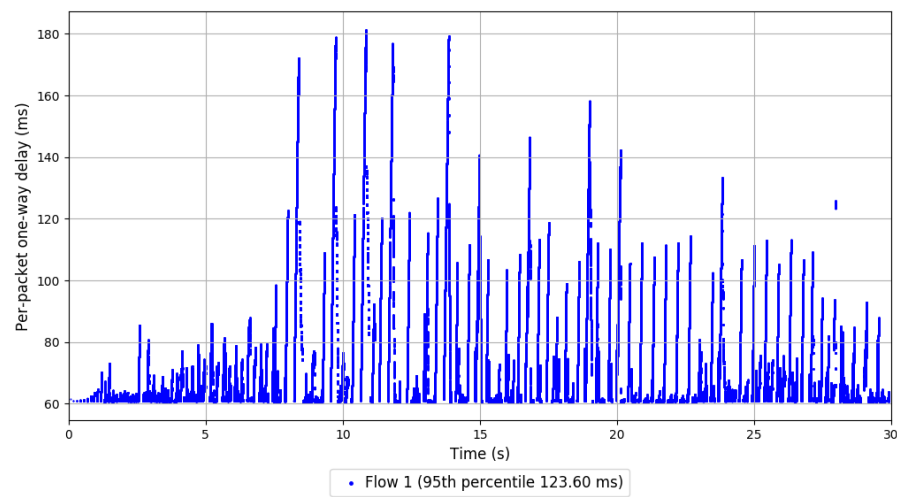
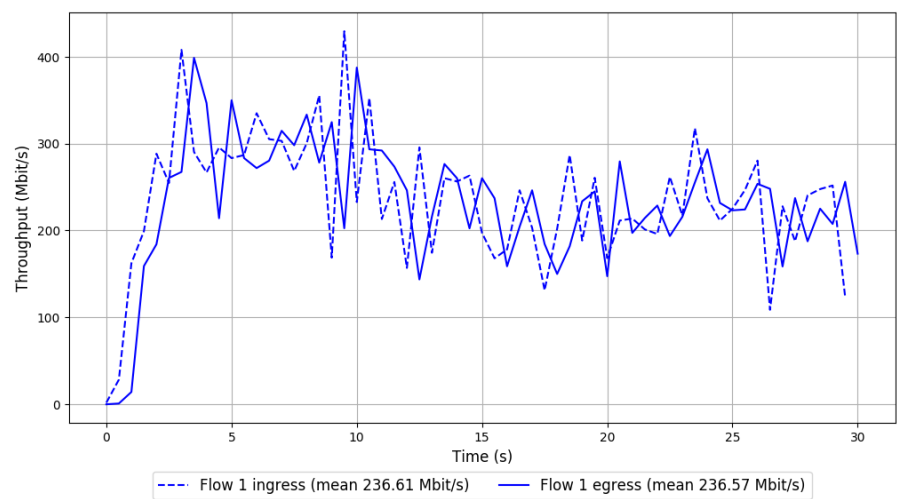


Run 5: Statistics of Verus

Start at: 2018-08-02 02:32:16
End at: 2018-08-02 02:32:46
Local clock offset: -0.198 ms
Remote clock offset: -0.347 ms

Below is generated by plot.py at 2018-08-02 06:48:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 236.57 Mbit/s
95th percentile per-packet one-way delay: 123.604 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 236.57 Mbit/s
95th percentile per-packet one-way delay: 123.604 ms
Loss rate: 0.02%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-08-02 02:54:53

End at: 2018-08-02 02:55:23

Local clock offset: -0.214 ms

Remote clock offset: -0.45 ms

Below is generated by plot.py at 2018-08-02 06:49:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 264.96 Mbit/s

95th percentile per-packet one-way delay: 221.112 ms

Loss rate: 0.85%

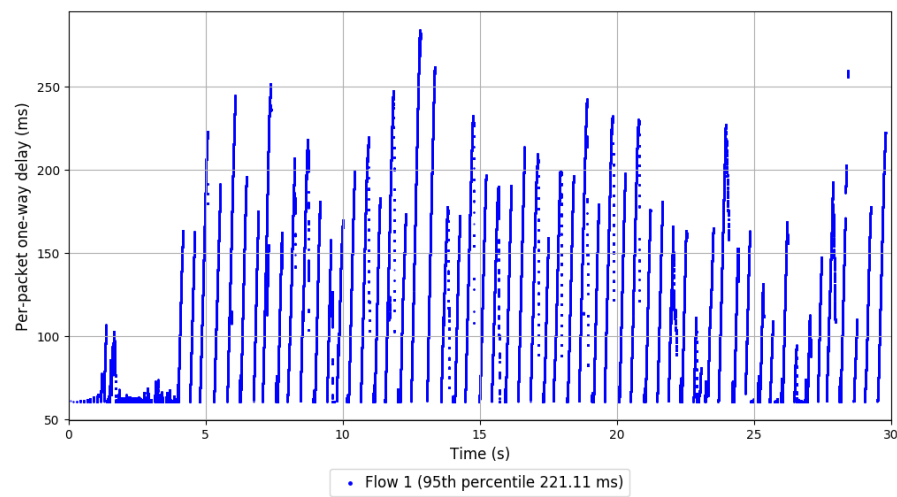
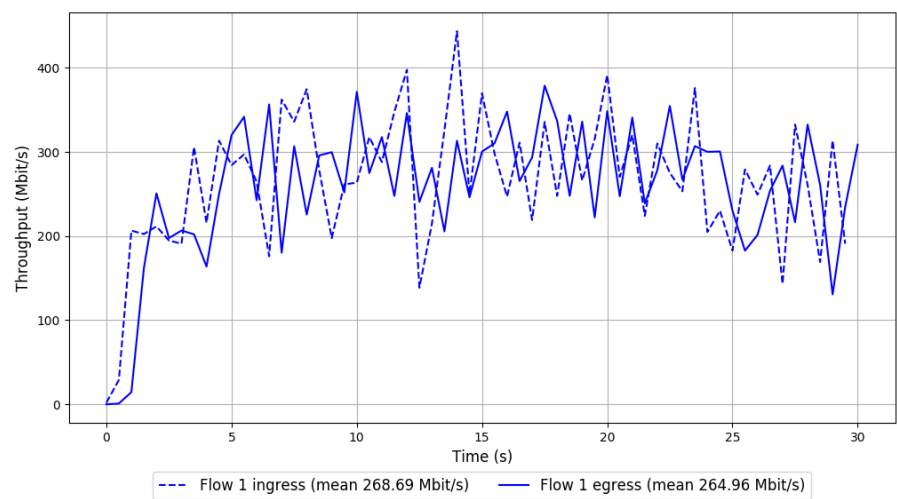
-- Flow 1:

Average throughput: 264.96 Mbit/s

95th percentile per-packet one-way delay: 221.112 ms

Loss rate: 0.85%

Run 6: Report of Verus — Data Link

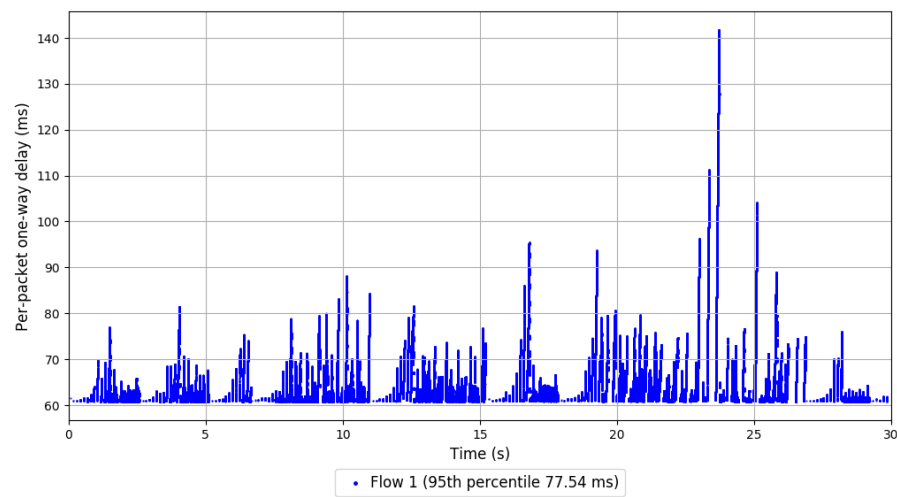
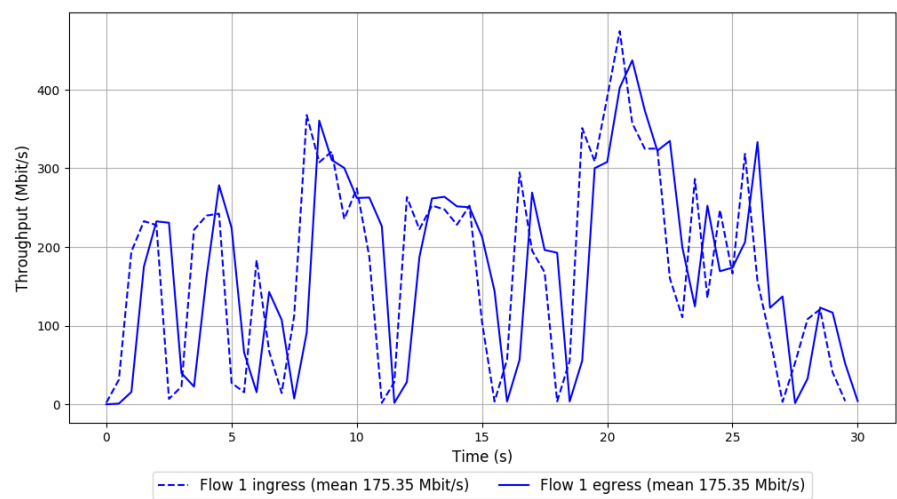


Run 7: Statistics of Verus

Start at: 2018-08-02 03:17:08
End at: 2018-08-02 03:17:38
Local clock offset: -0.224 ms
Remote clock offset: -0.143 ms

Below is generated by plot.py at 2018-08-02 06:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 175.35 Mbit/s
95th percentile per-packet one-way delay: 77.540 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 175.35 Mbit/s
95th percentile per-packet one-way delay: 77.540 ms
Loss rate: 0.00%

Run 7: Report of Verus — Data Link

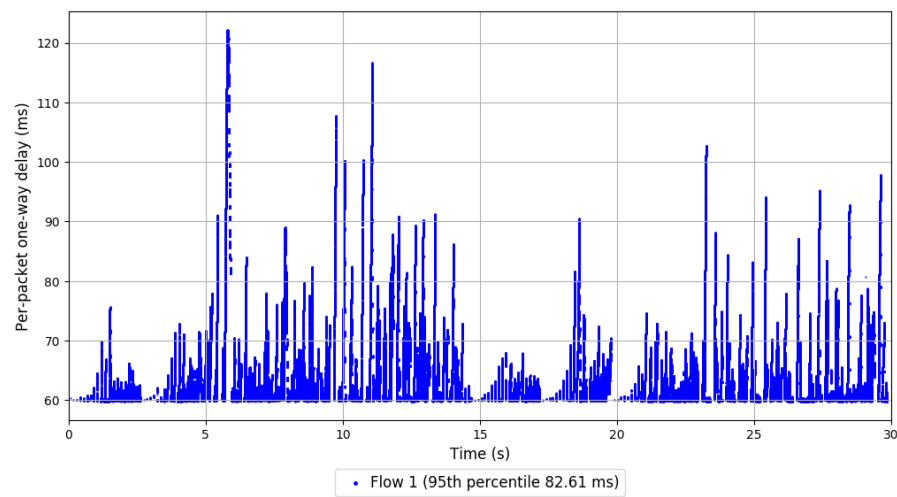
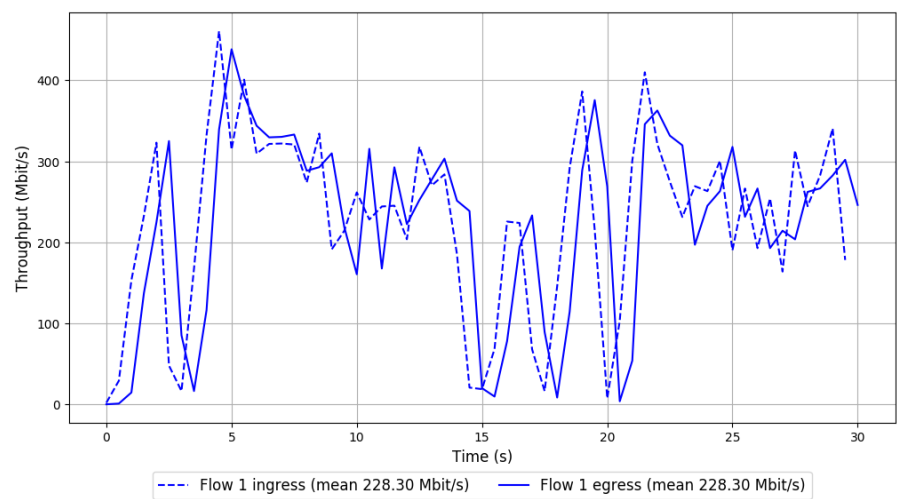


Run 8: Statistics of Verus

Start at: 2018-08-02 03:39:03
End at: 2018-08-02 03:39:33
Local clock offset: -0.112 ms
Remote clock offset: -1.187 ms

Below is generated by plot.py at 2018-08-02 06:50:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 228.30 Mbit/s
95th percentile per-packet one-way delay: 82.609 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 228.30 Mbit/s
95th percentile per-packet one-way delay: 82.609 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-08-02 04:01:40

End at: 2018-08-02 04:02:10

Local clock offset: -0.014 ms

Remote clock offset: 0.177 ms

Below is generated by plot.py at 2018-08-02 06:51:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 259.64 Mbit/s

95th percentile per-packet one-way delay: 191.703 ms

Loss rate: 0.00%

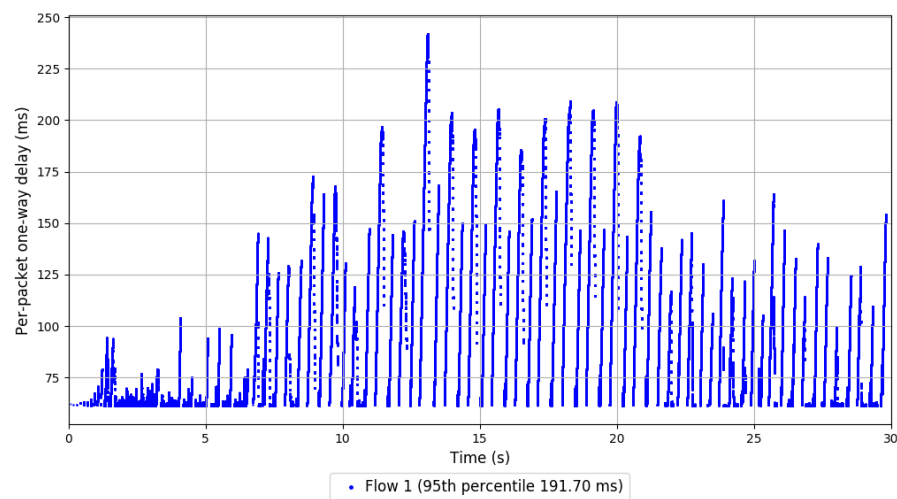
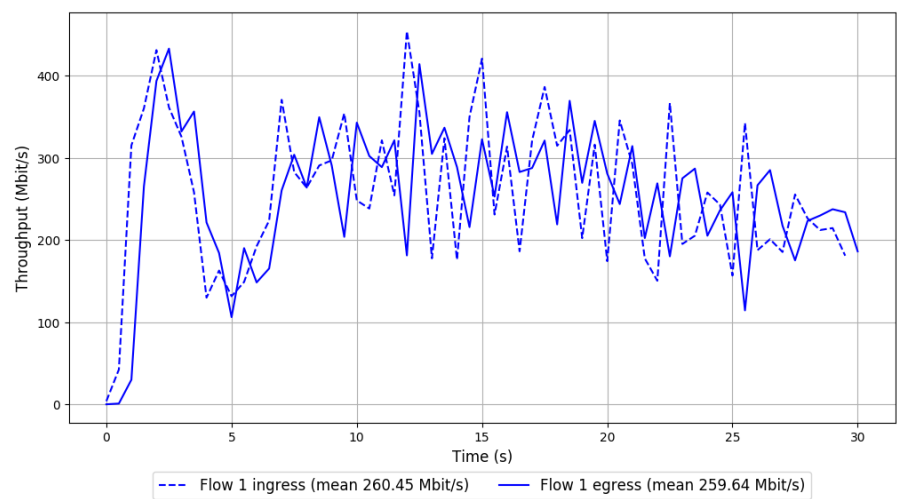
-- Flow 1:

Average throughput: 259.64 Mbit/s

95th percentile per-packet one-way delay: 191.703 ms

Loss rate: 0.00%

Run 9: Report of Verus — Data Link

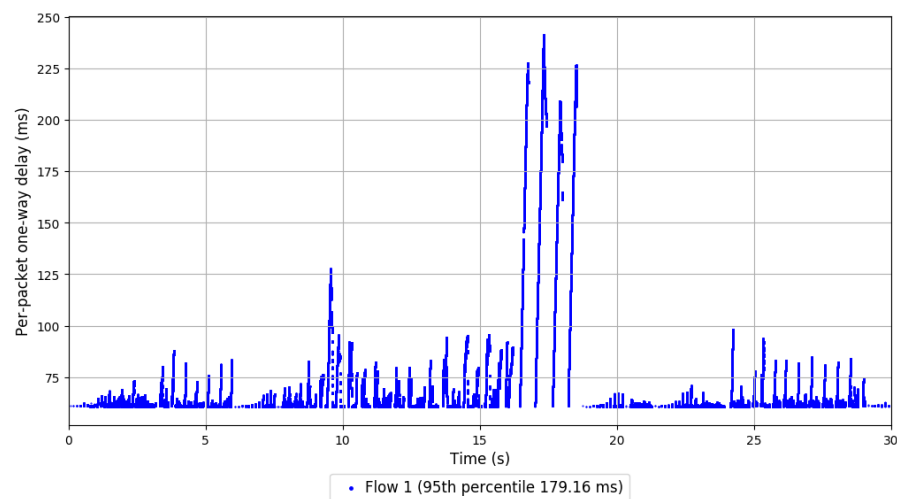
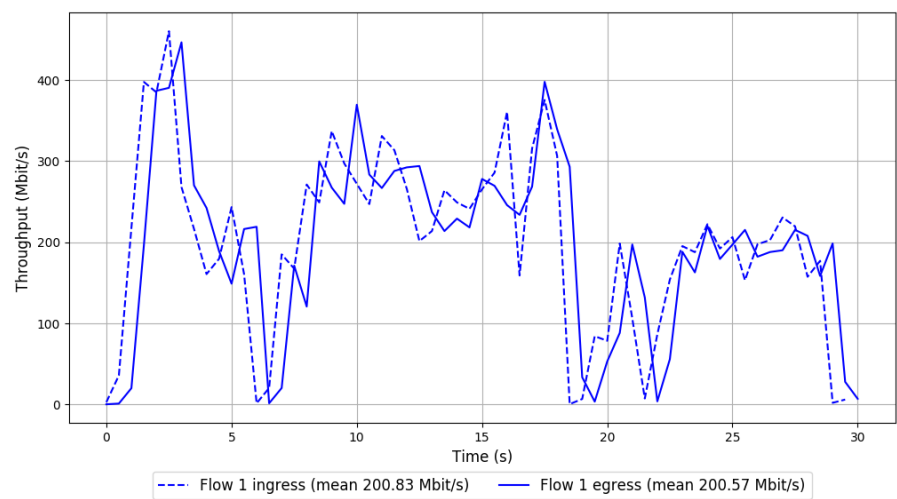


Run 10: Statistics of Verus

Start at: 2018-08-02 04:23:59
End at: 2018-08-02 04:24:29
Local clock offset: -0.087 ms
Remote clock offset: -0.282 ms

Below is generated by plot.py at 2018-08-02 06:51:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 200.57 Mbit/s
95th percentile per-packet one-way delay: 179.158 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 200.57 Mbit/s
95th percentile per-packet one-way delay: 179.158 ms
Loss rate: 0.13%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-08-02 01:07:24

End at: 2018-08-02 01:07:54

Local clock offset: -0.112 ms

Remote clock offset: -0.133 ms

Below is generated by plot.py at 2018-08-02 06:54:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 329.96 Mbit/s

95th percentile per-packet one-way delay: 67.068 ms

Loss rate: 0.00%

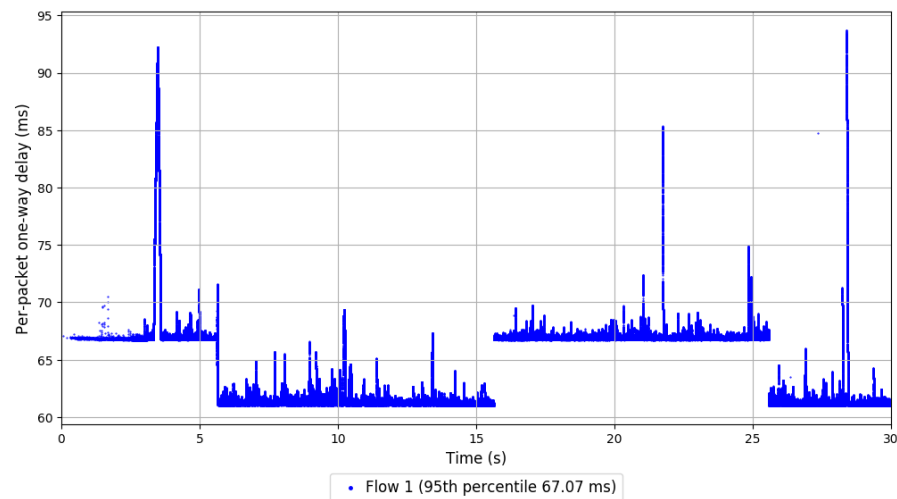
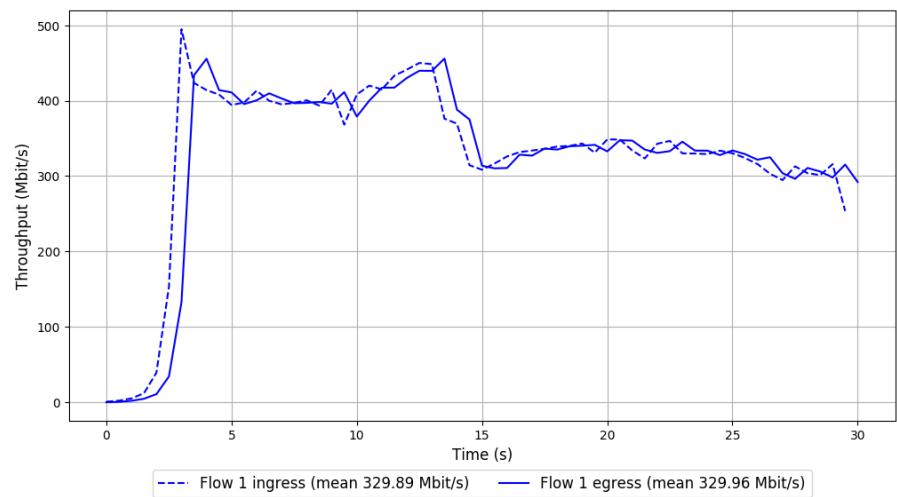
-- Flow 1:

Average throughput: 329.96 Mbit/s

95th percentile per-packet one-way delay: 67.068 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

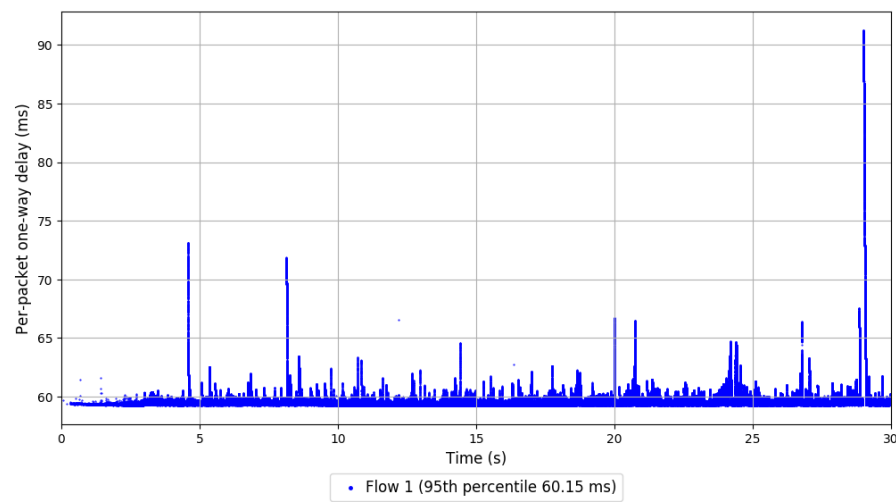
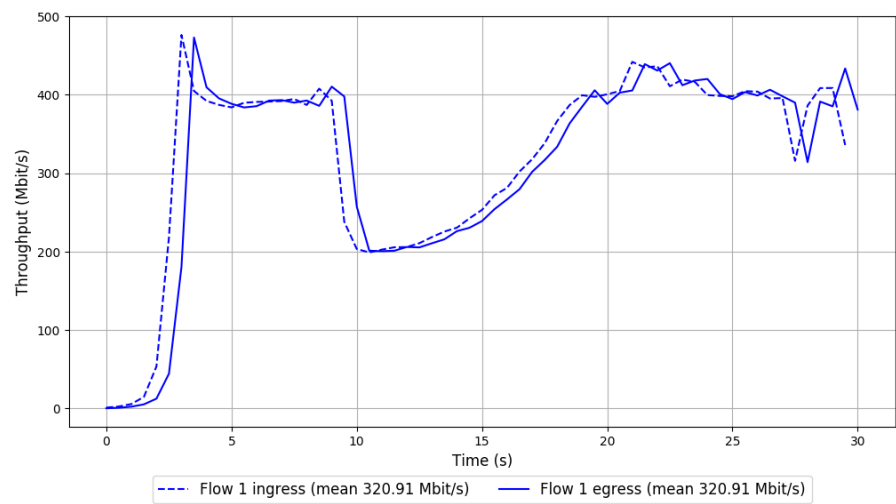


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-02 01:29:33
End at: 2018-08-02 01:30:03
Local clock offset: -0.121 ms
Remote clock offset: -1.642 ms

Below is generated by plot.py at 2018-08-02 06:54:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 320.91 Mbit/s
95th percentile per-packet one-way delay: 60.145 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 320.91 Mbit/s
95th percentile per-packet one-way delay: 60.145 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

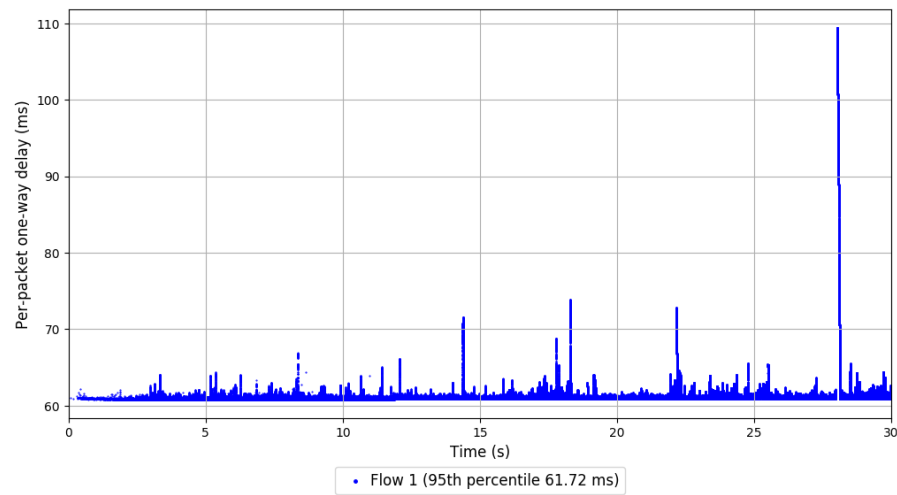
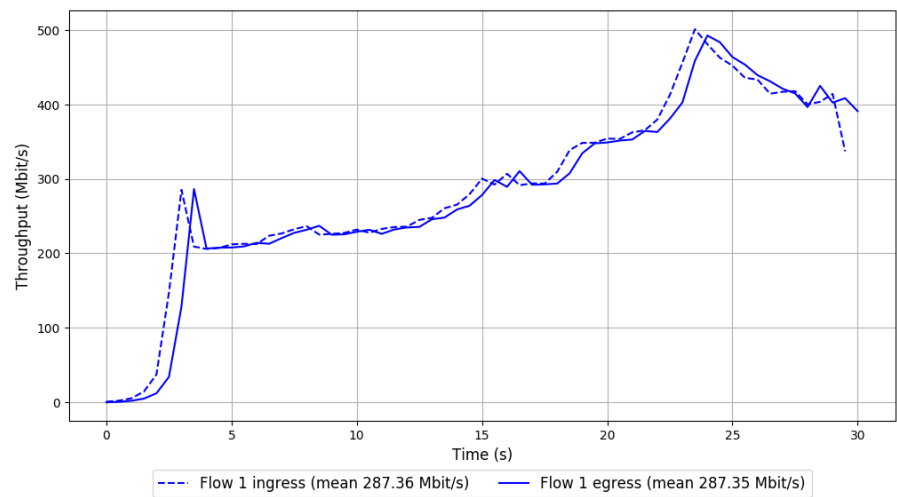


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-02 01:51:47
End at: 2018-08-02 01:52:17
Local clock offset: -0.169 ms
Remote clock offset: -0.182 ms

Below is generated by plot.py at 2018-08-02 06:54:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 287.35 Mbit/s
95th percentile per-packet one-way delay: 61.716 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 287.35 Mbit/s
95th percentile per-packet one-way delay: 61.716 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

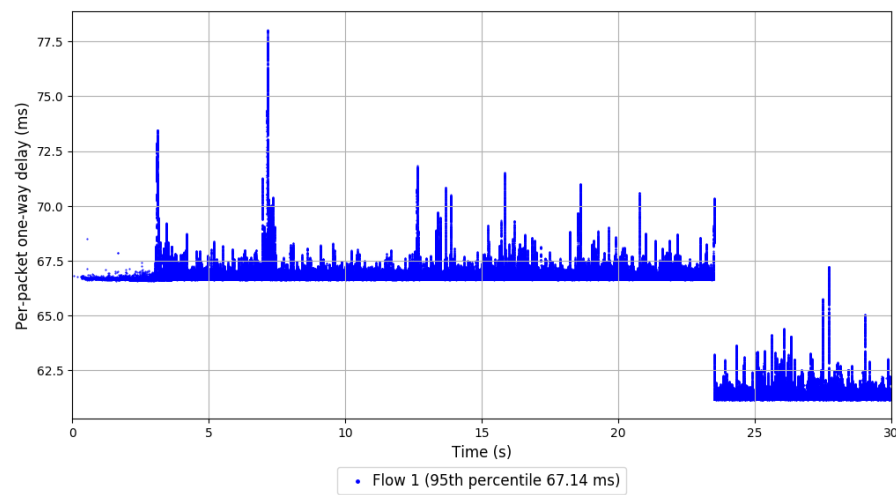
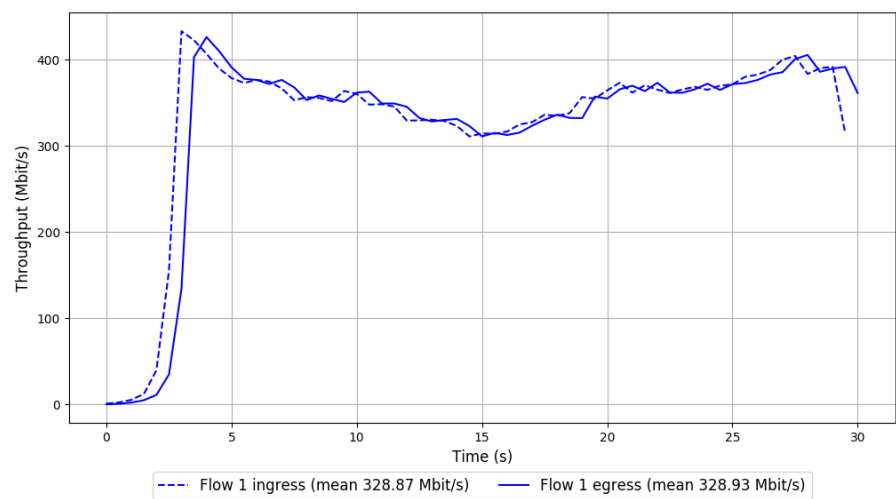


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-02 02:13:30
End at: 2018-08-02 02:14:00
Local clock offset: -0.162 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-08-02 06:55:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 328.93 Mbit/s
95th percentile per-packet one-way delay: 67.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 328.93 Mbit/s
95th percentile per-packet one-way delay: 67.135 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

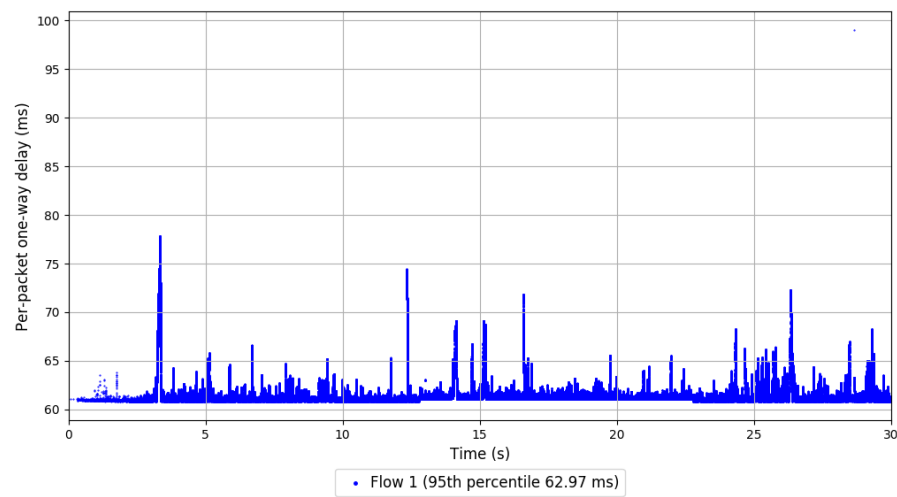
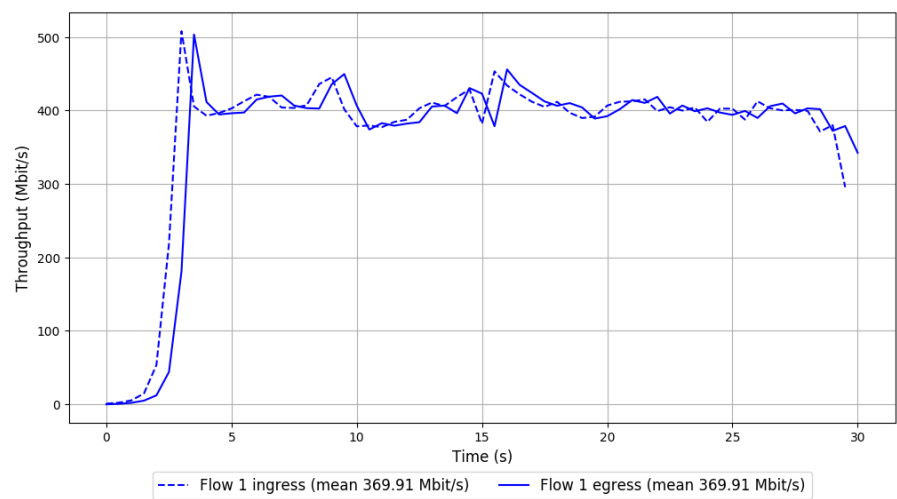


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-02 02:35:17
End at: 2018-08-02 02:35:47
Local clock offset: -0.156 ms
Remote clock offset: -0.155 ms

Below is generated by plot.py at 2018-08-02 06:56:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 369.91 Mbit/s
95th percentile per-packet one-way delay: 62.970 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 369.91 Mbit/s
95th percentile per-packet one-way delay: 62.970 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

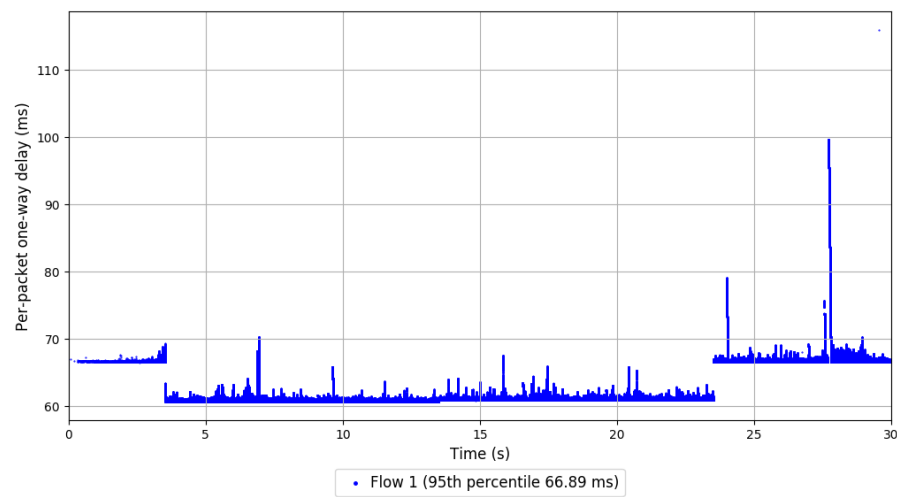
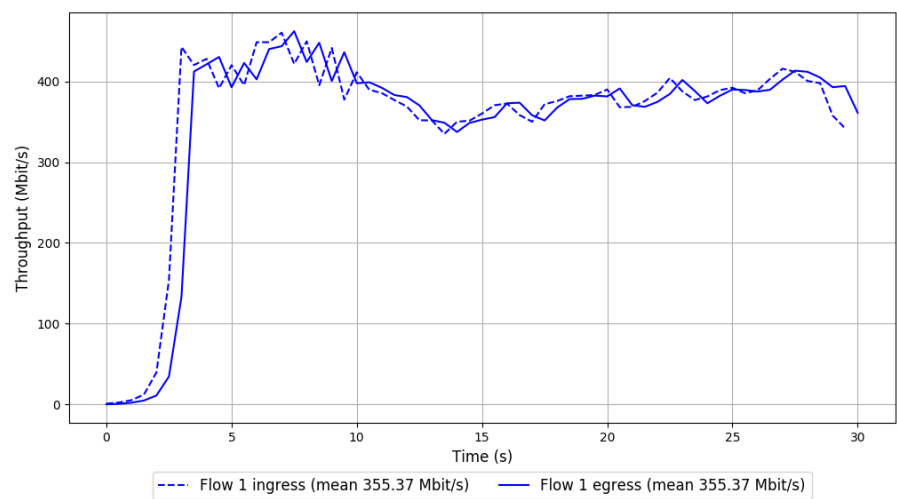


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-02 02:57:56
End at: 2018-08-02 02:58:26
Local clock offset: -0.207 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-08-02 06:56:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 355.37 Mbit/s
95th percentile per-packet one-way delay: 66.885 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 355.37 Mbit/s
95th percentile per-packet one-way delay: 66.885 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

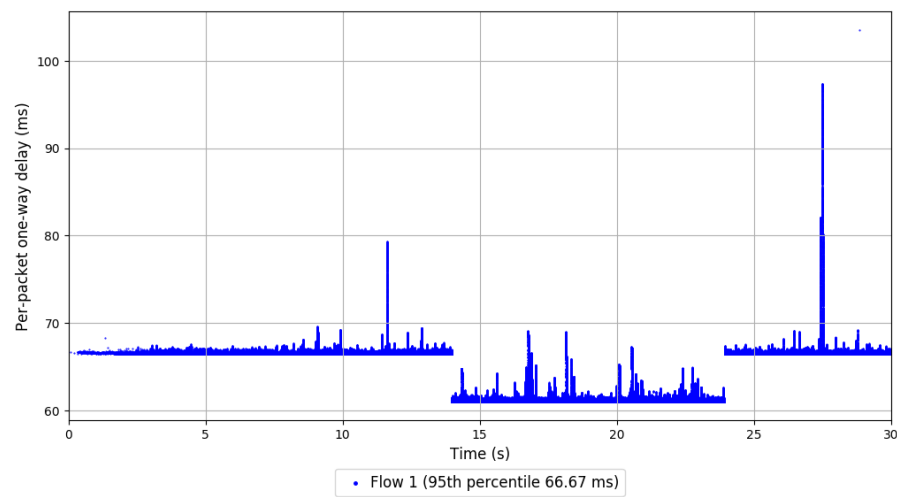
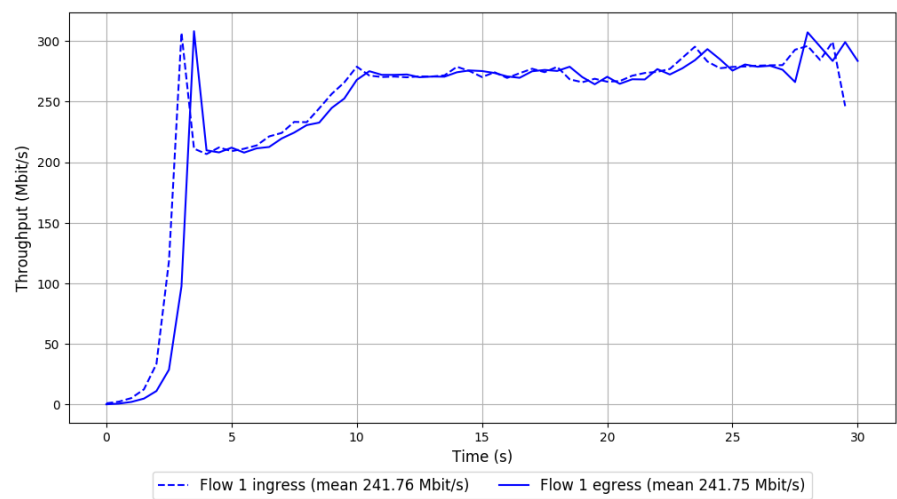


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-02 03:19:59
End at: 2018-08-02 03:20:29
Local clock offset: -0.226 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2018-08-02 06:56:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 241.75 Mbit/s
95th percentile per-packet one-way delay: 66.666 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 241.75 Mbit/s
95th percentile per-packet one-way delay: 66.666 ms
Loss rate: 0.02%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-08-02 03:42:05

End at: 2018-08-02 03:42:35

Local clock offset: -0.081 ms

Remote clock offset: 0.185 ms

Below is generated by plot.py at 2018-08-02 06:57:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 336.19 Mbit/s

95th percentile per-packet one-way delay: 61.590 ms

Loss rate: 0.00%

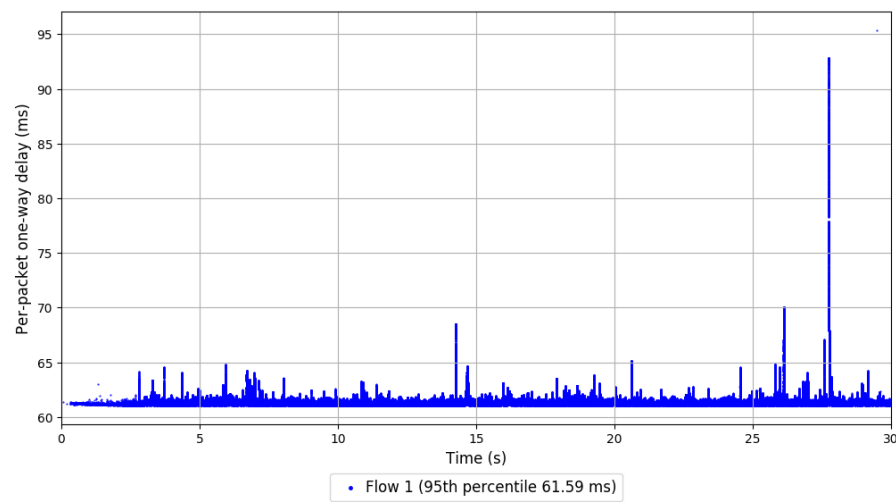
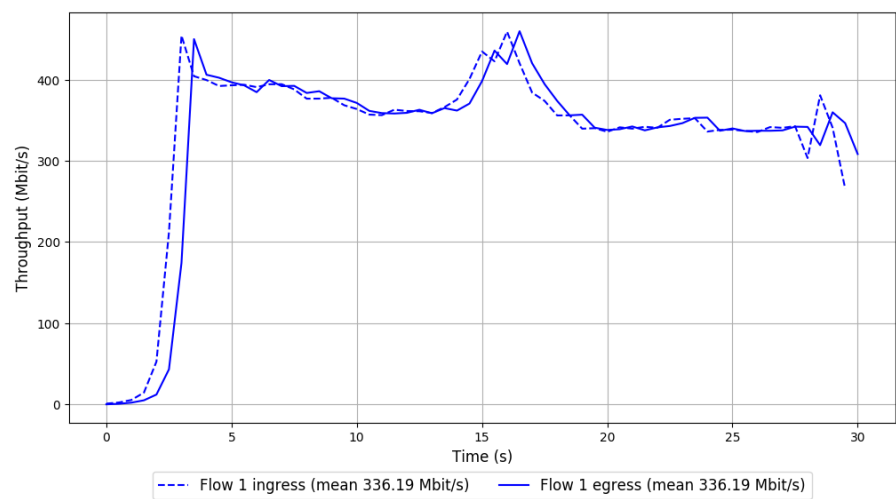
-- Flow 1:

Average throughput: 336.19 Mbit/s

95th percentile per-packet one-way delay: 61.590 ms

Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link

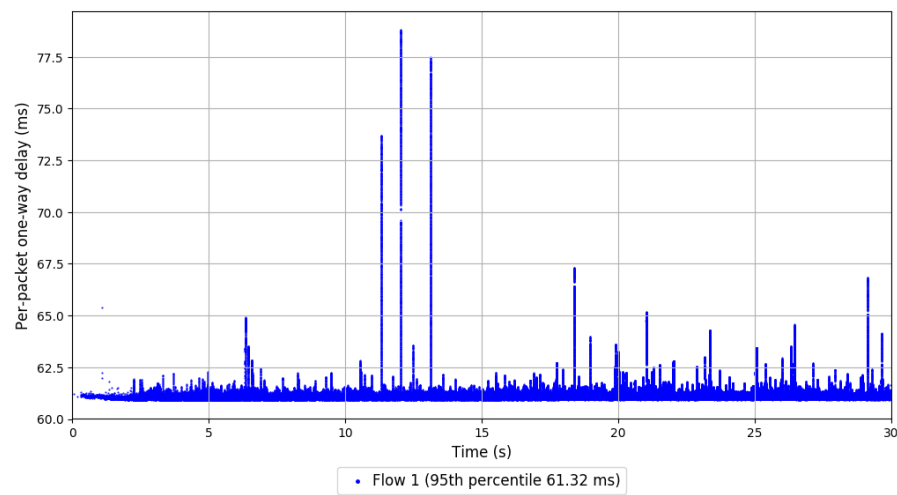
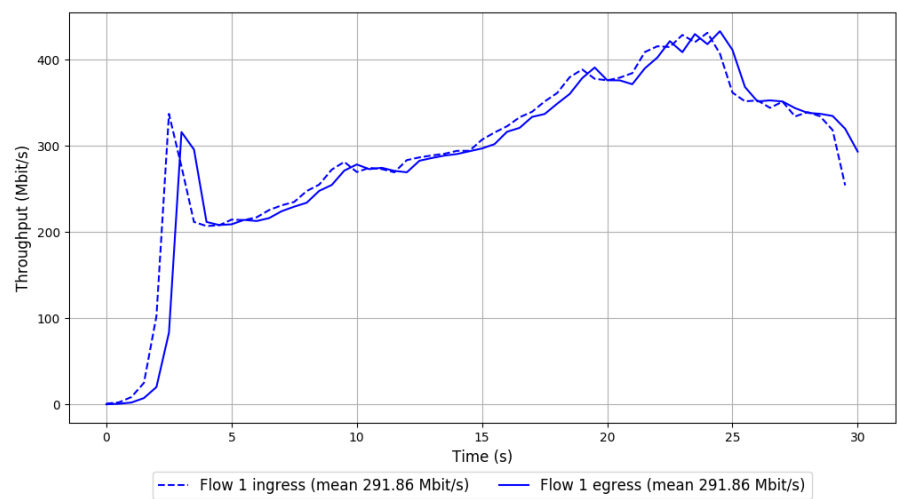


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-02 04:04:43
End at: 2018-08-02 04:05:13
Local clock offset: -0.031 ms
Remote clock offset: -0.058 ms

Below is generated by plot.py at 2018-08-02 06:57:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 291.86 Mbit/s
95th percentile per-packet one-way delay: 61.322 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 291.86 Mbit/s
95th percentile per-packet one-way delay: 61.322 ms
Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link

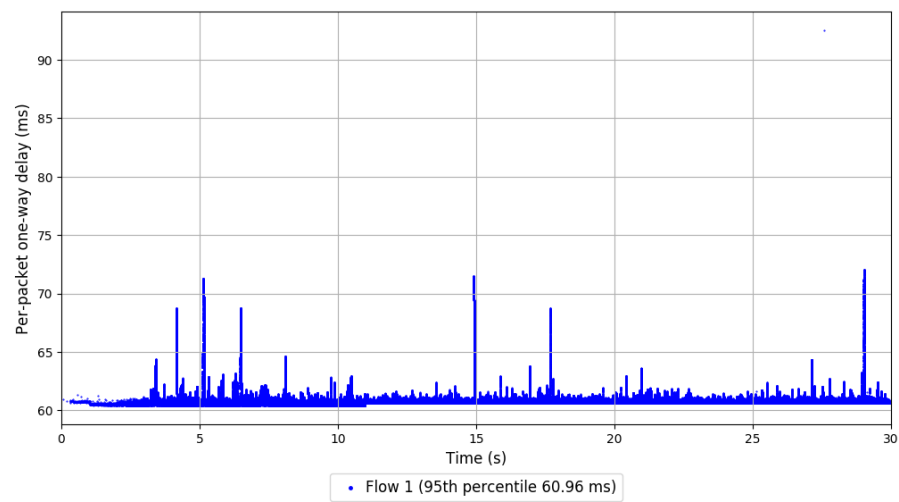
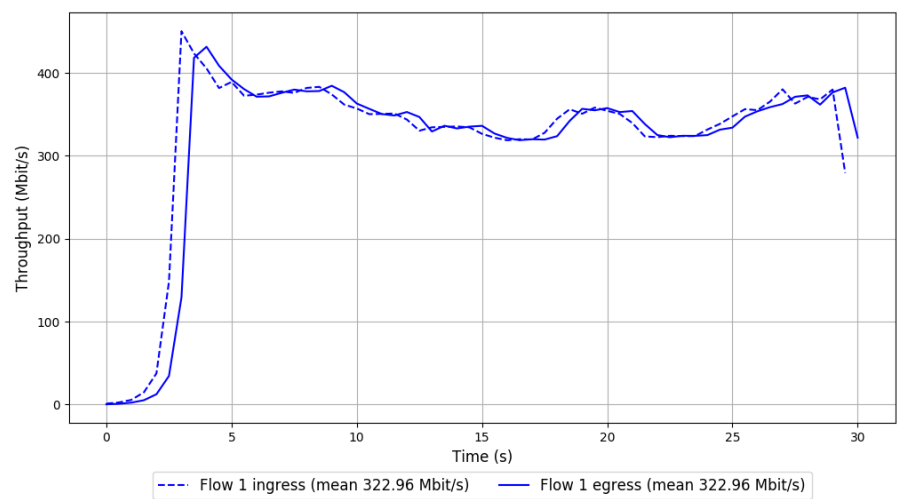


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-02 04:26:58
End at: 2018-08-02 04:27:28
Local clock offset: -0.109 ms
Remote clock offset: -0.524 ms

Below is generated by plot.py at 2018-08-02 06:57:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 322.96 Mbit/s
95th percentile per-packet one-way delay: 60.960 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 322.96 Mbit/s
95th percentile per-packet one-way delay: 60.960 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-08-02 01:24:19

End at: 2018-08-02 01:24:49

Local clock offset: -0.128 ms

Remote clock offset: 0.03 ms

Below is generated by plot.py at 2018-08-02 06:57:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.65 Mbit/s

95th percentile per-packet one-way delay: 61.532 ms

Loss rate: 0.00%

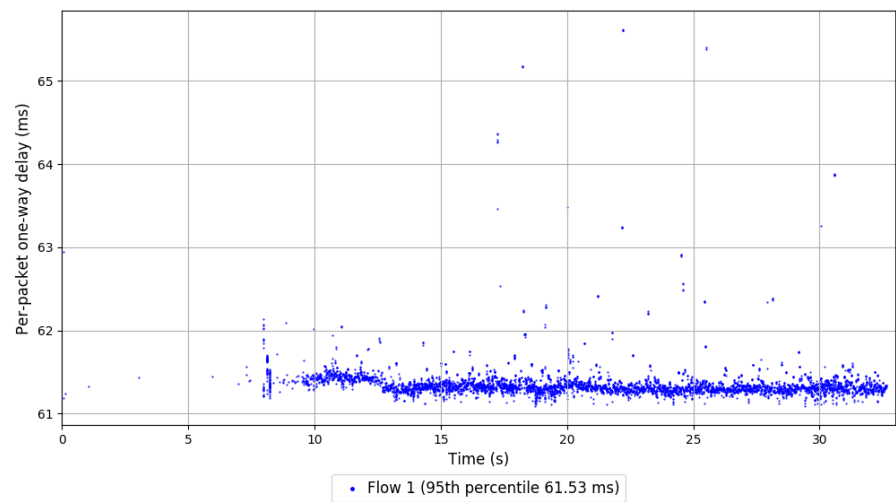
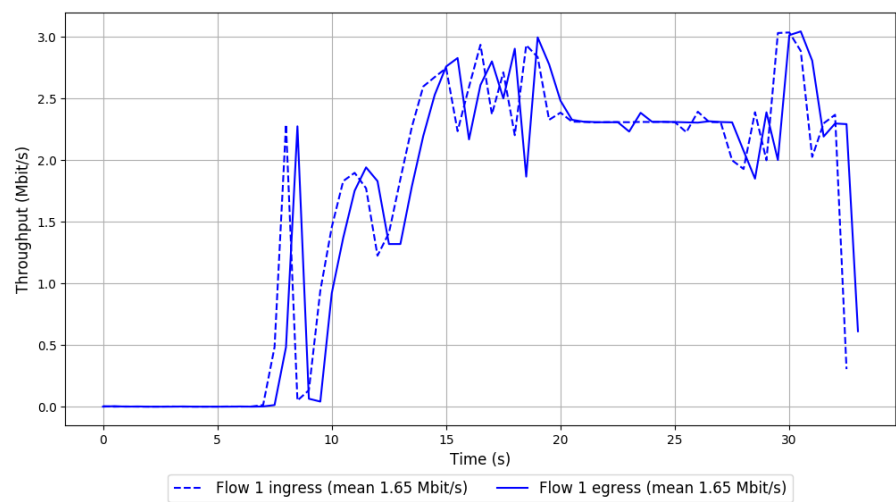
-- Flow 1:

Average throughput: 1.65 Mbit/s

95th percentile per-packet one-way delay: 61.532 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-08-02 01:46:33

End at: 2018-08-02 01:47:03

Local clock offset: -0.148 ms

Remote clock offset: 0.072 ms

Below is generated by plot.py at 2018-08-02 06:57:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.88 Mbit/s

95th percentile per-packet one-way delay: 67.071 ms

Loss rate: 0.00%

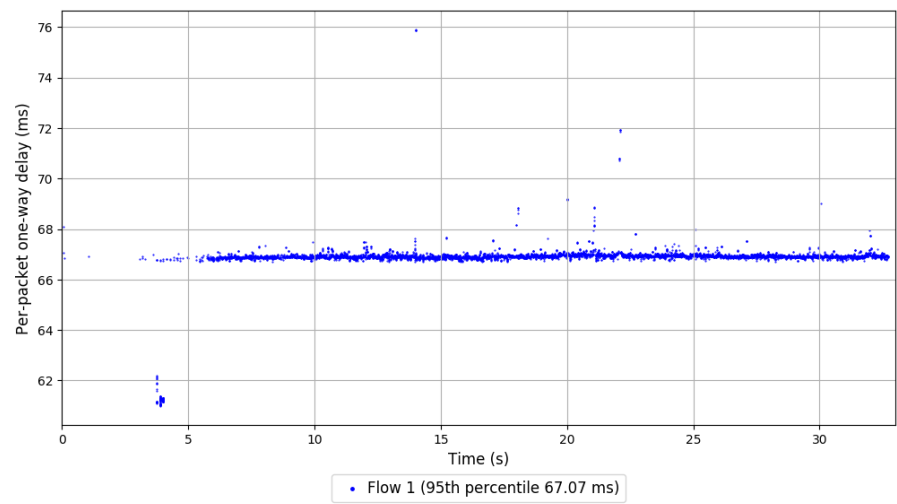
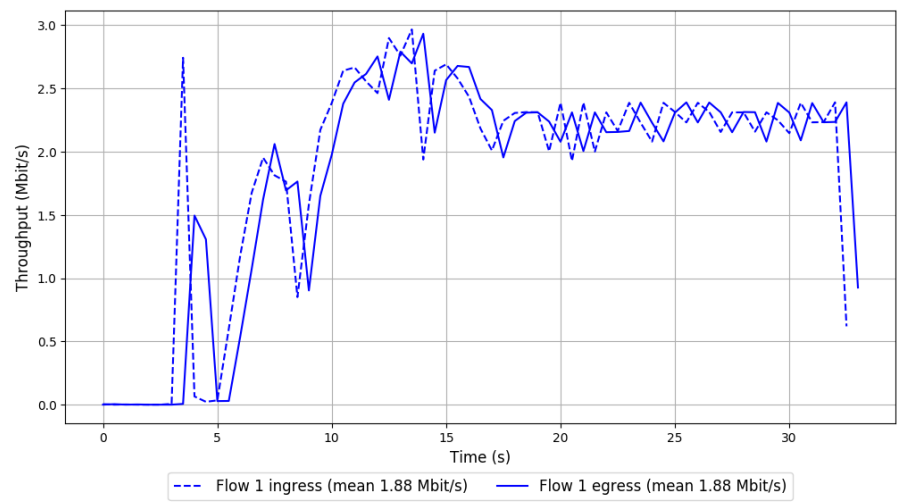
-- Flow 1:

Average throughput: 1.88 Mbit/s

95th percentile per-packet one-way delay: 67.071 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-08-02 02:08:16

End at: 2018-08-02 02:08:46

Local clock offset: -0.202 ms

Remote clock offset: 0.116 ms

Below is generated by plot.py at 2018-08-02 06:57:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.92 Mbit/s

95th percentile per-packet one-way delay: 67.118 ms

Loss rate: 0.00%

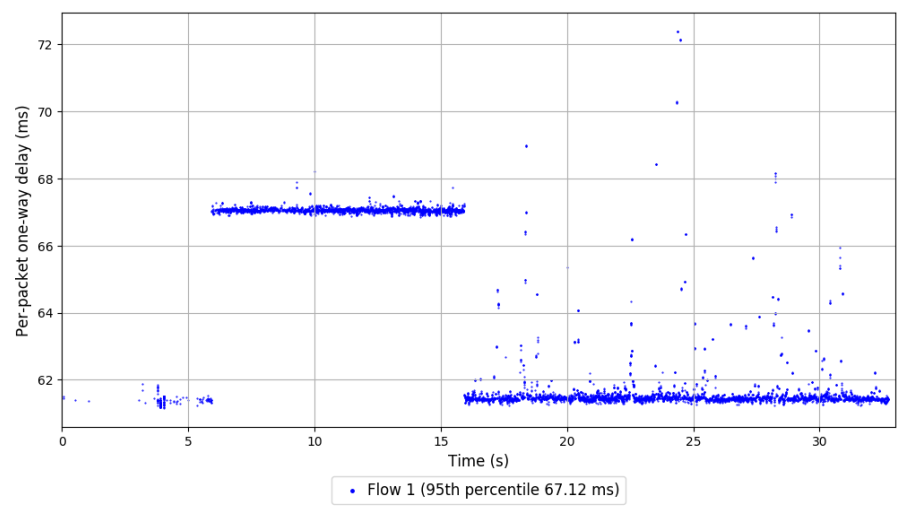
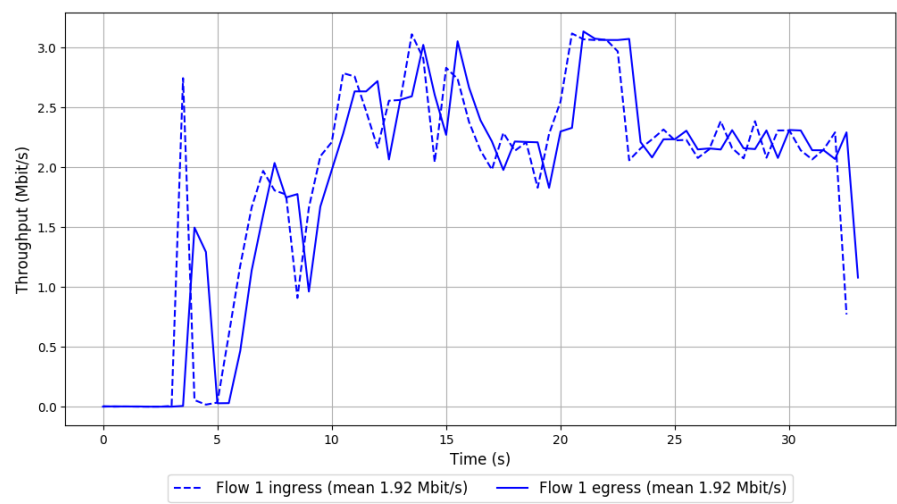
-- Flow 1:

Average throughput: 1.92 Mbit/s

95th percentile per-packet one-way delay: 67.118 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

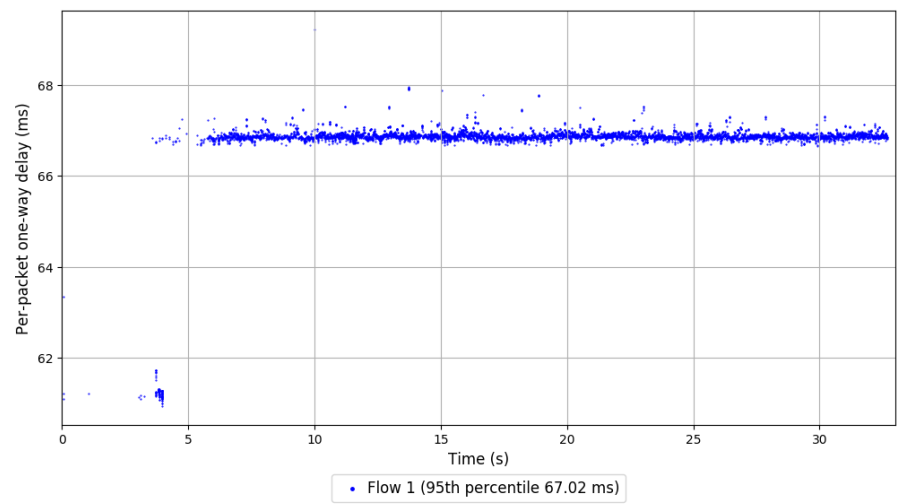
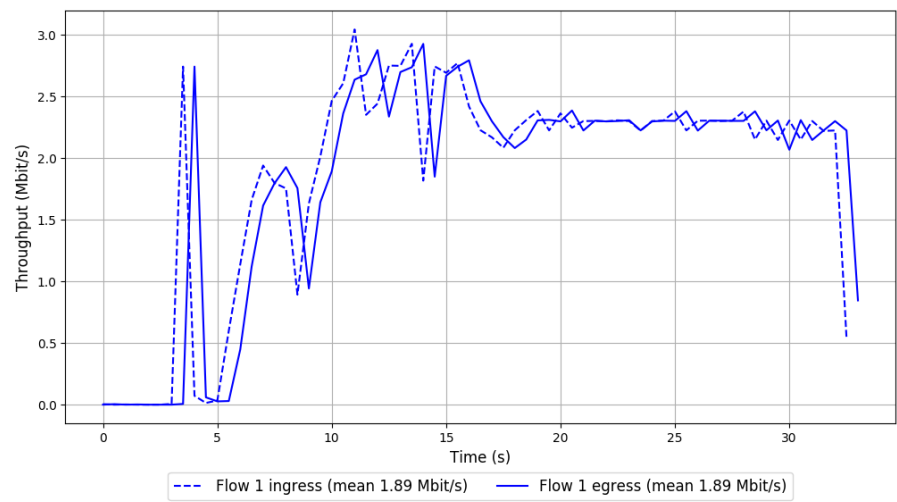


Run 4: Statistics of WebRTC media

Start at: 2018-08-02 02:30:02
End at: 2018-08-02 02:30:33
Local clock offset: -0.165 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2018-08-02 06:57:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 67.017 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 67.017 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

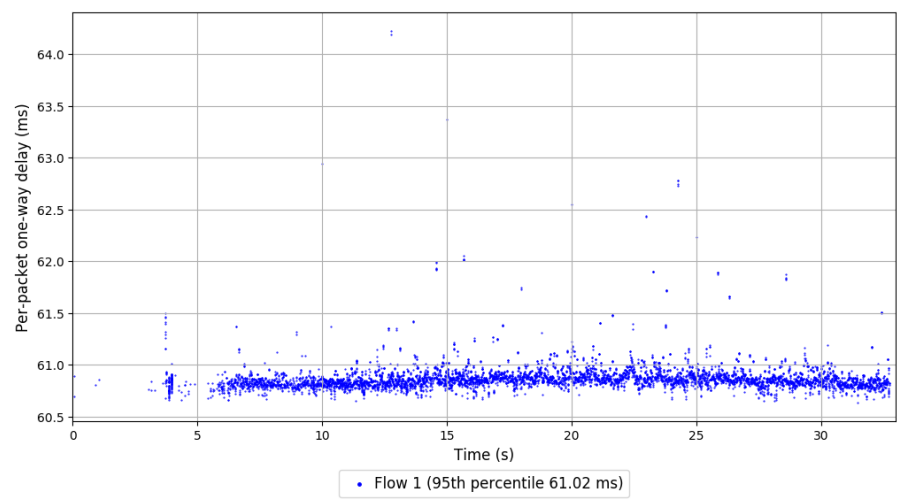
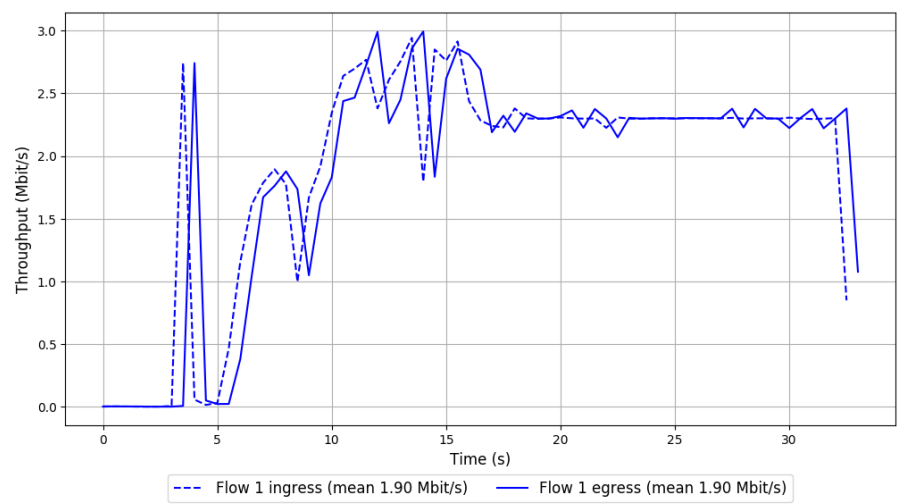


Run 5: Statistics of WebRTC media

Start at: 2018-08-02 02:52:38
End at: 2018-08-02 02:53:08
Local clock offset: -0.199 ms
Remote clock offset: -0.168 ms

Below is generated by plot.py at 2018-08-02 06:57:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 61.021 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 61.021 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-08-02 03:14:52

End at: 2018-08-02 03:15:22

Local clock offset: -0.208 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2018-08-02 06:57:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.88 Mbit/s

95th percentile per-packet one-way delay: 61.130 ms

Loss rate: 0.00%

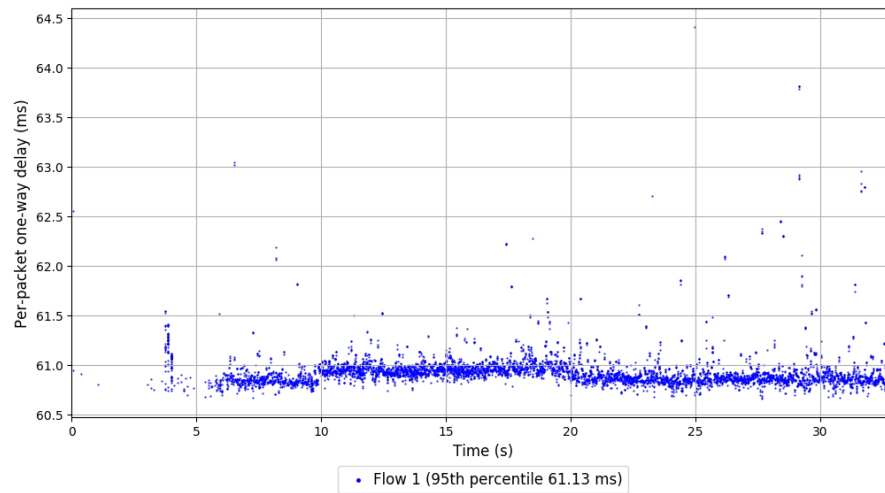
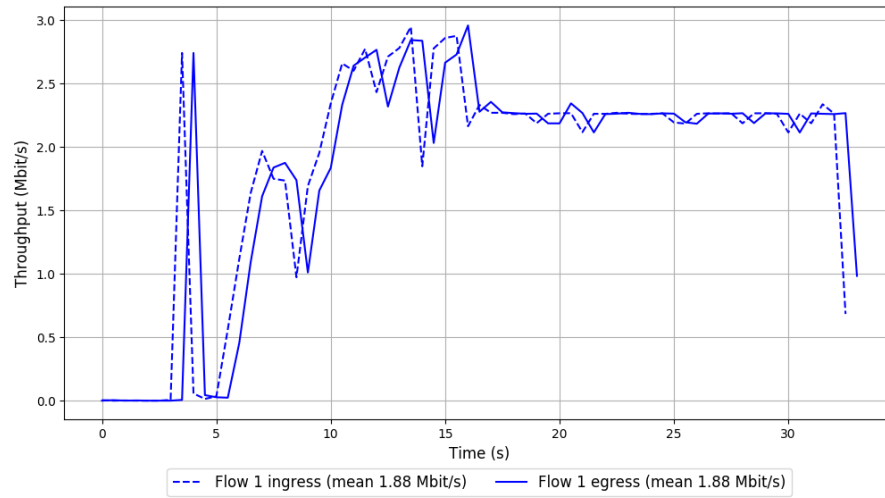
-- Flow 1:

Average throughput: 1.88 Mbit/s

95th percentile per-packet one-way delay: 61.130 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

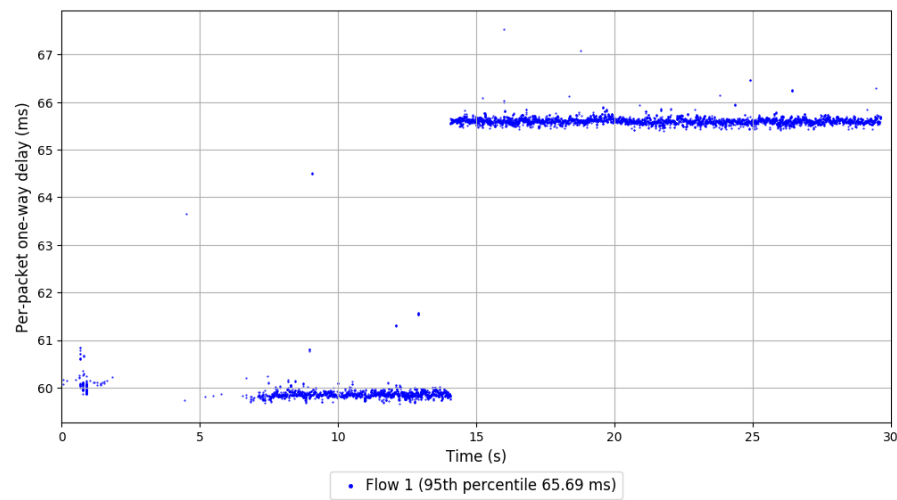
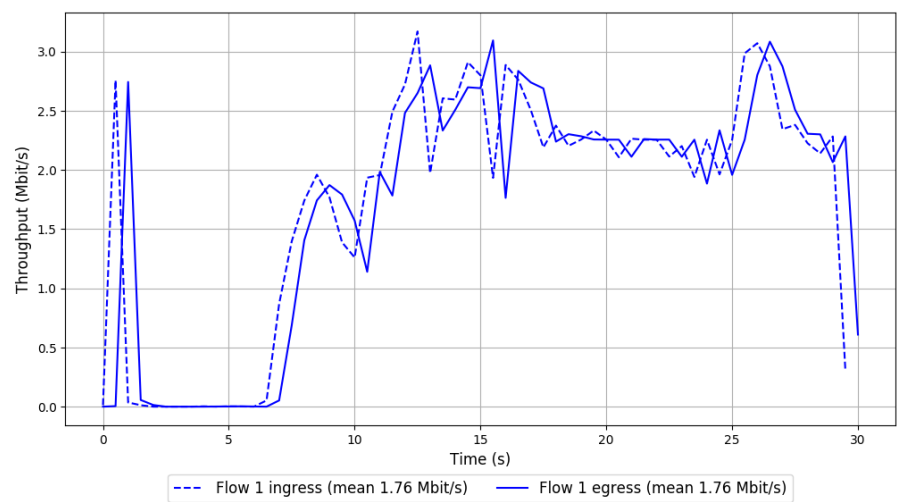


Run 7: Statistics of WebRTC media

Start at: 2018-08-02 03:36:49
End at: 2018-08-02 03:37:19
Local clock offset: -0.107 ms
Remote clock offset: -1.127 ms

Below is generated by plot.py at 2018-08-02 06:57:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 65.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 65.693 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-08-02 03:59:26

End at: 2018-08-02 03:59:56

Local clock offset: -0.068 ms

Remote clock offset: 1.249 ms

Below is generated by plot.py at 2018-08-02 06:57:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.95 Mbit/s

95th percentile per-packet one-way delay: 62.615 ms

Loss rate: 0.00%

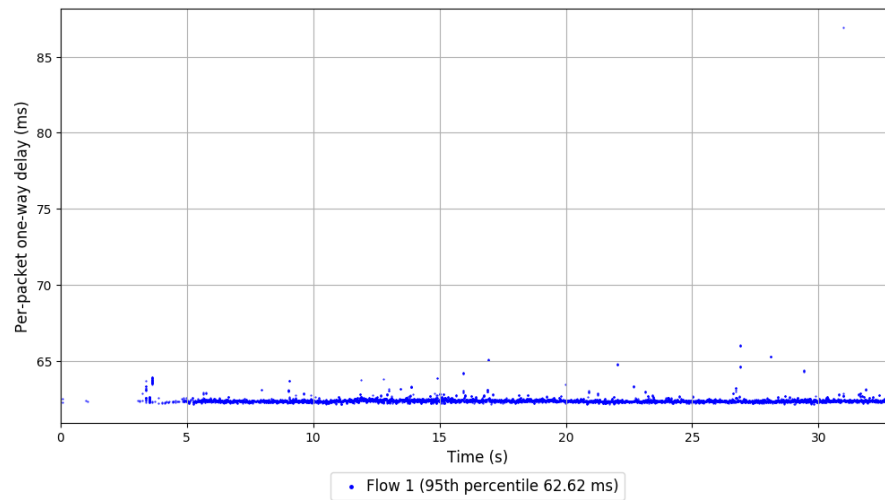
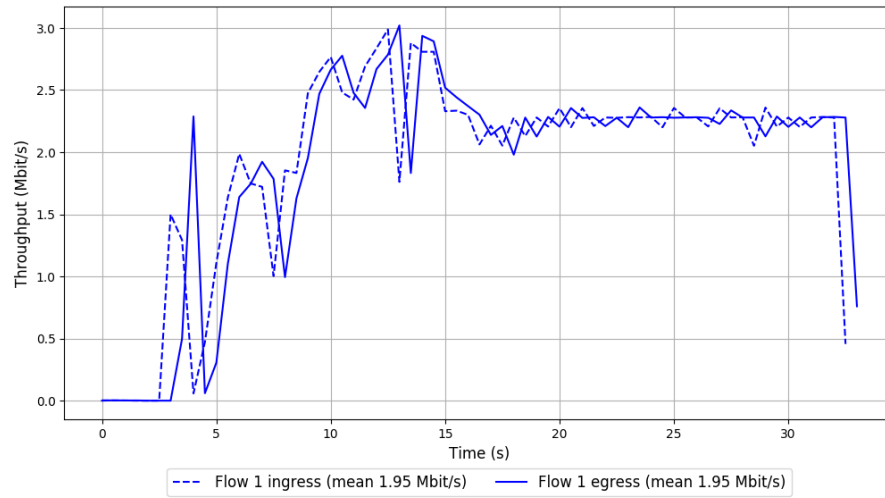
-- Flow 1:

Average throughput: 1.95 Mbit/s

95th percentile per-packet one-way delay: 62.615 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

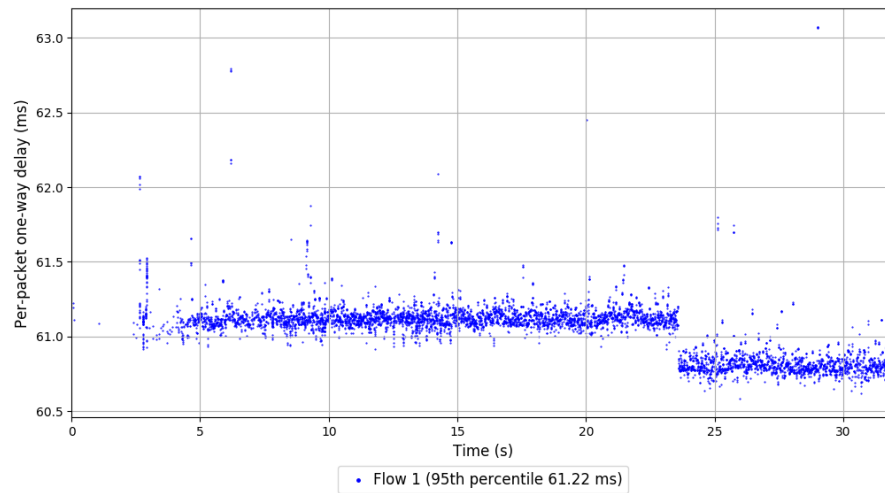
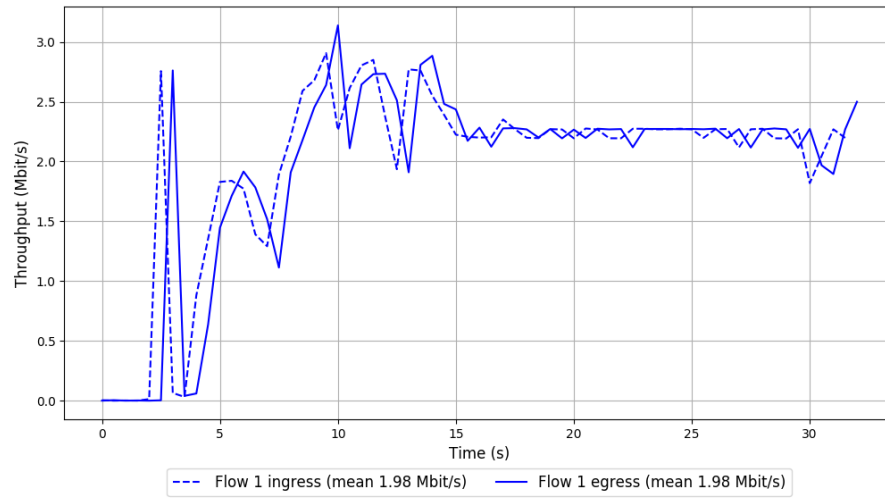


Run 9: Statistics of WebRTC media

Start at: 2018-08-02 04:21:42
End at: 2018-08-02 04:22:12
Local clock offset: -0.111 ms
Remote clock offset: -0.232 ms

Below is generated by plot.py at 2018-08-02 06:57:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 61.219 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 61.219 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-02 04:44:15

End at: 2018-08-02 04:44:45

Local clock offset: -0.025 ms

Remote clock offset: 0.171 ms

Below is generated by plot.py at 2018-08-02 06:57:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.90 Mbit/s

95th percentile per-packet one-way delay: 61.735 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.90 Mbit/s

95th percentile per-packet one-way delay: 61.735 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

