

Pantheon Report

Generated at 2018-08-28 01:24:45 (UTC).

Data path: AWS India 2 ens5 (*local*) → Saudi Arabia enp2s0 (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

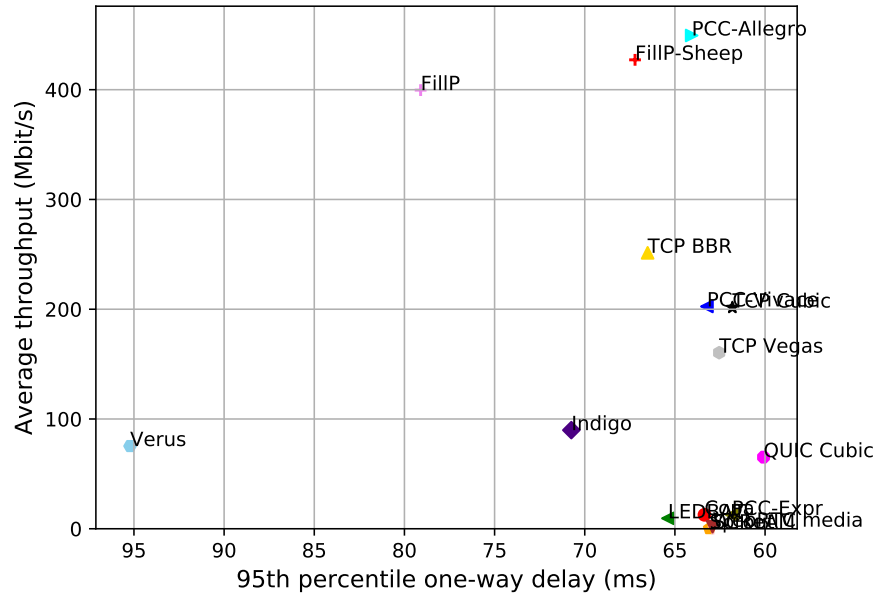
System info:

```
Linux 4.15.0-1019-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

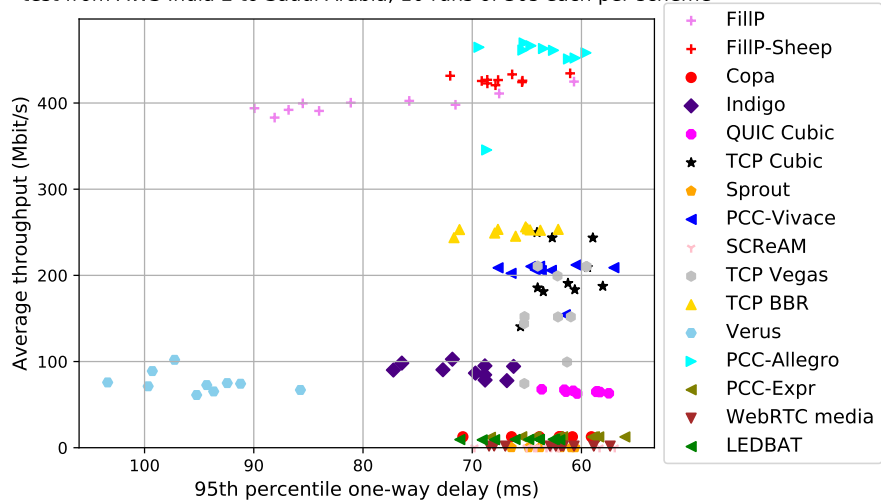
Git summary:

```
branch: master @ 8f31687904b612ba36b45467ab20eda73108da68
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdfef58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 5386469677b75a7fdc5fe25d8daccce7950d8a69
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-quic @ 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 AWS India 2 to Saudi Arabia, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS India 2 to Saudi Arabia, 10 runs of 30s each per 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	251.39	66.51	5.85
Copa	8	12.71	63.36	61.03
TCP Cubic	10	201.51	61.81	0.68
FillP	10	399.62	79.10	21.57
FillP-Sheep	10	427.20	67.21	12.48
Indigo	10	89.85	70.74	0.12
LEDBAT	10	9.49	65.39	0.00
PCC-Allegro	10	449.38	64.07	3.86
PCC-Expr	10	12.58	61.84	30.28
QUIC Cubic	9	65.23	60.09	0.00
SCReAM	10	0.22	62.89	0.00
Sprout	6	0.27	63.08	0.00
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	10	160.40	62.55	0.52
Verus	10	75.34	95.22	61.40
PCC-Vivace	10	202.53	63.23	0.86
WebRTC media	10	1.88	62.91	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-08-27 20:58:56

End at: 2018-08-27 20:59:26

Local clock offset: 0.127 ms

Remote clock offset: -37.675 ms

Below is generated by plot.py at 2018-08-28 00:48:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 252.38 Mbit/s

95th percentile per-packet one-way delay: 63.765 ms

Loss rate: 5.31%

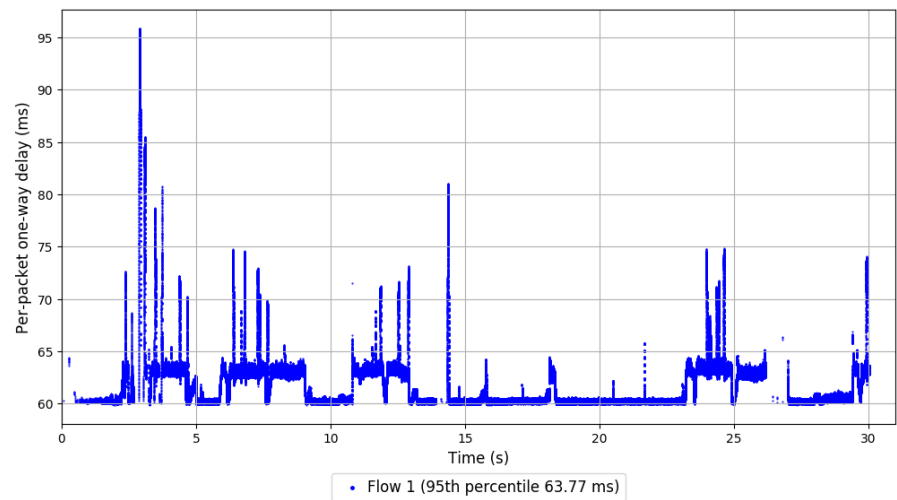
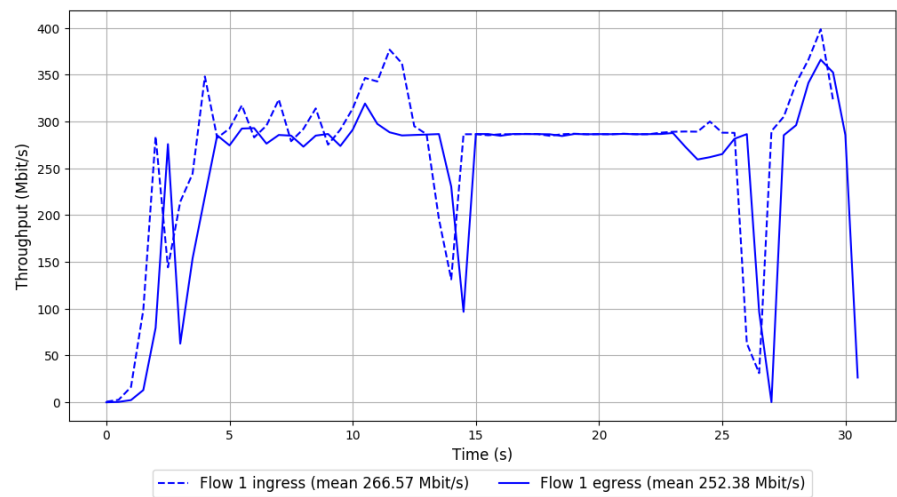
-- Flow 1:

Average throughput: 252.38 Mbit/s

95th percentile per-packet one-way delay: 63.765 ms

Loss rate: 5.31%

Run 1: Report of TCP BBR — Data Link

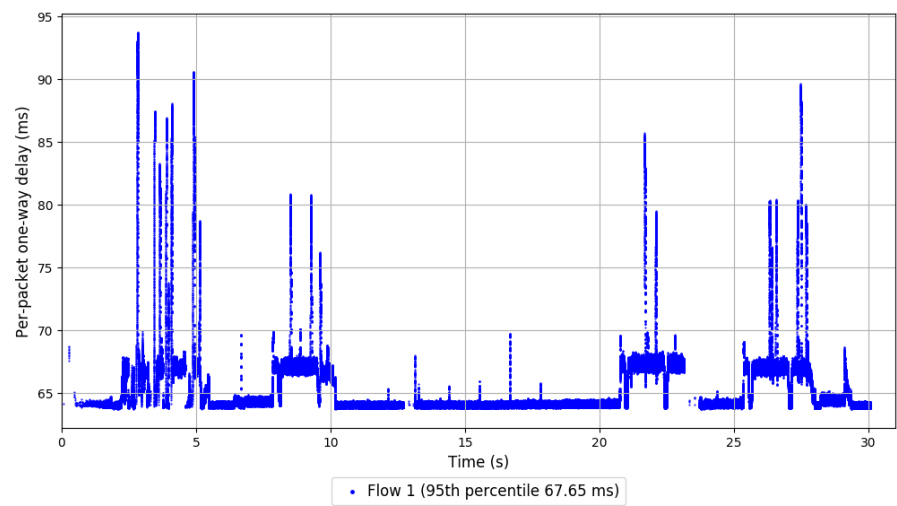
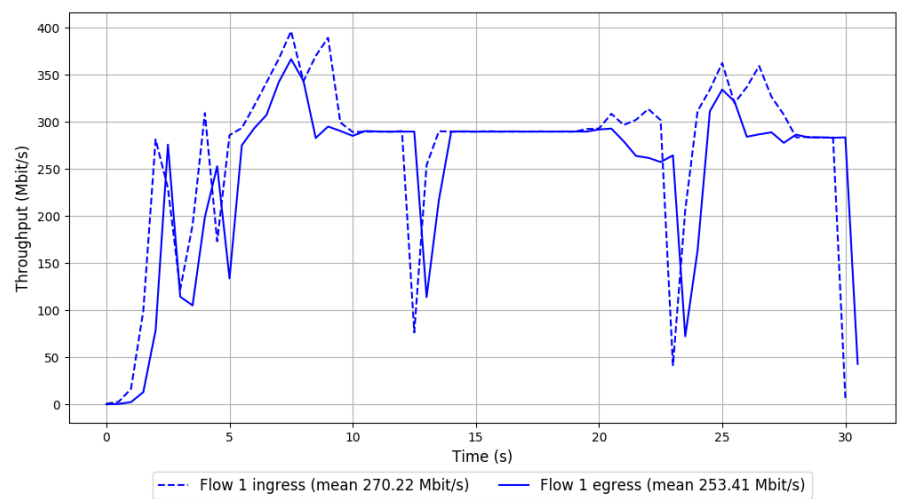


Run 2: Statistics of TCP BBR

Start at: 2018-08-27 21:31:36
End at: 2018-08-27 21:32:06
Local clock offset: -0.709 ms
Remote clock offset: -34.328 ms

Below is generated by plot.py at 2018-08-28 00:48:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 253.41 Mbit/s
95th percentile per-packet one-way delay: 67.648 ms
Loss rate: 6.22%
-- Flow 1:
Average throughput: 253.41 Mbit/s
95th percentile per-packet one-way delay: 67.648 ms
Loss rate: 6.22%

Run 2: Report of TCP BBR — Data Link

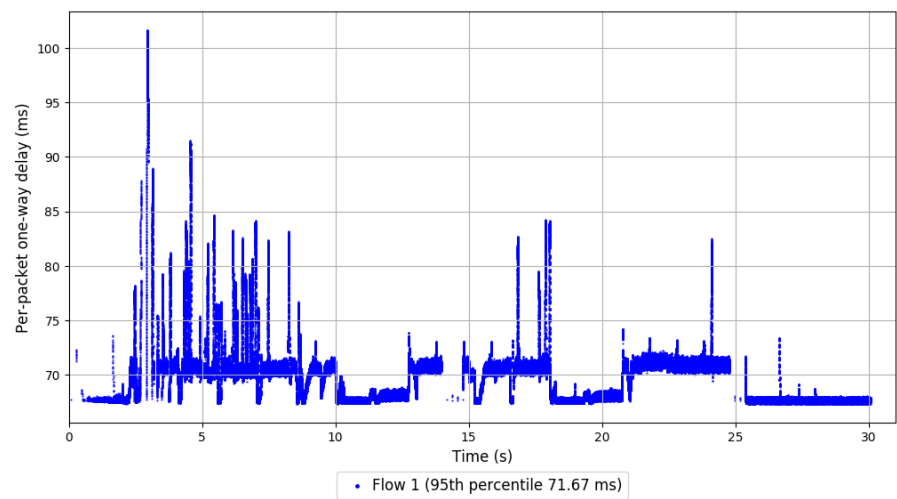
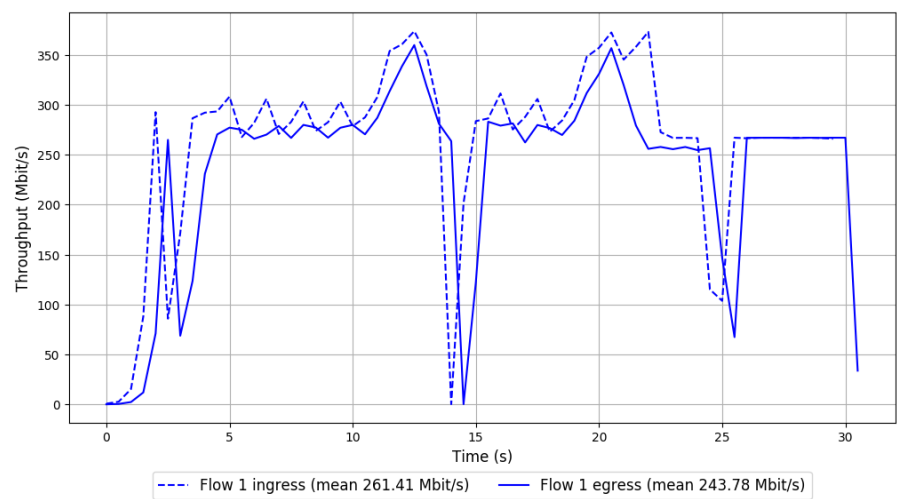


Run 3: Statistics of TCP BBR

Start at: 2018-08-27 21:58:39
End at: 2018-08-27 21:59:09
Local clock offset: 1.405 ms
Remote clock offset: -30.219 ms

Below is generated by plot.py at 2018-08-28 00:48:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 243.78 Mbit/s
95th percentile per-packet one-way delay: 71.670 ms
Loss rate: 6.75%
-- Flow 1:
Average throughput: 243.78 Mbit/s
95th percentile per-packet one-way delay: 71.670 ms
Loss rate: 6.75%

Run 3: Report of TCP BBR — Data Link

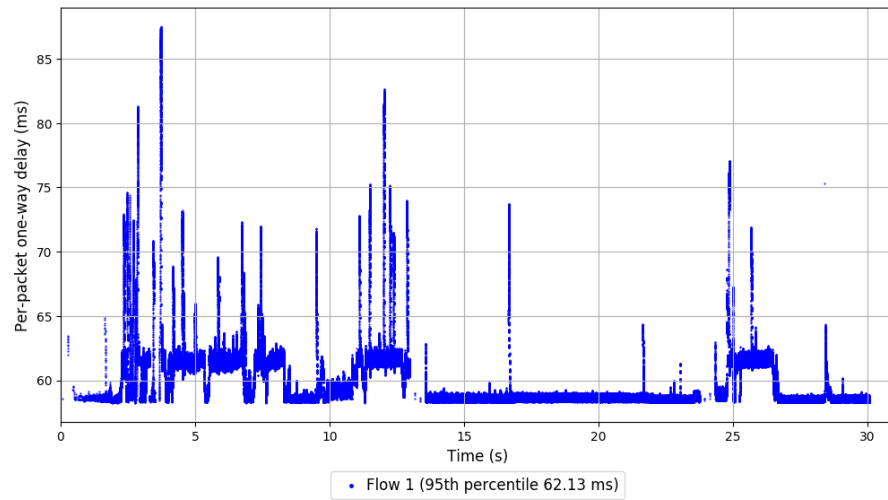
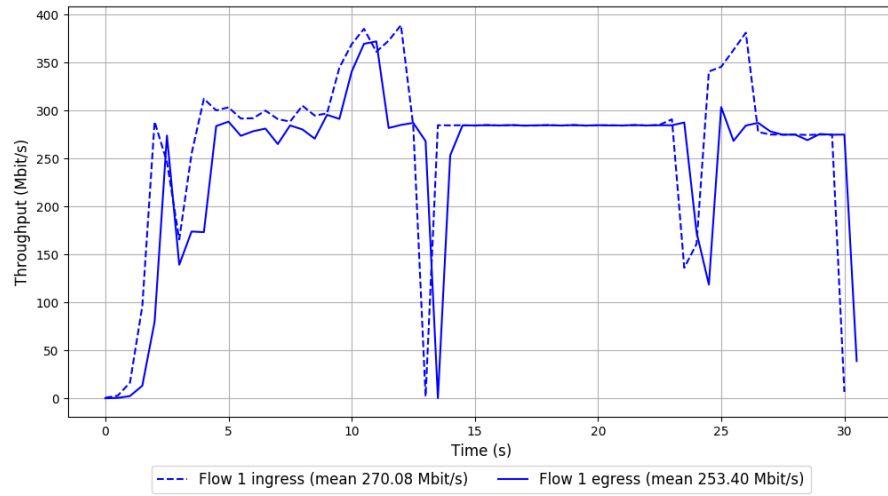


Run 4: Statistics of TCP BBR

Start at: 2018-08-27 22:20:13
End at: 2018-08-27 22:20:43
Local clock offset: 1.822 ms
Remote clock offset: -34.03 ms

Below is generated by plot.py at 2018-08-28 00:48:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 253.40 Mbit/s
95th percentile per-packet one-way delay: 62.130 ms
Loss rate: 6.17%
-- Flow 1:
Average throughput: 253.40 Mbit/s
95th percentile per-packet one-way delay: 62.130 ms
Loss rate: 6.17%

Run 4: Report of TCP BBR — Data Link

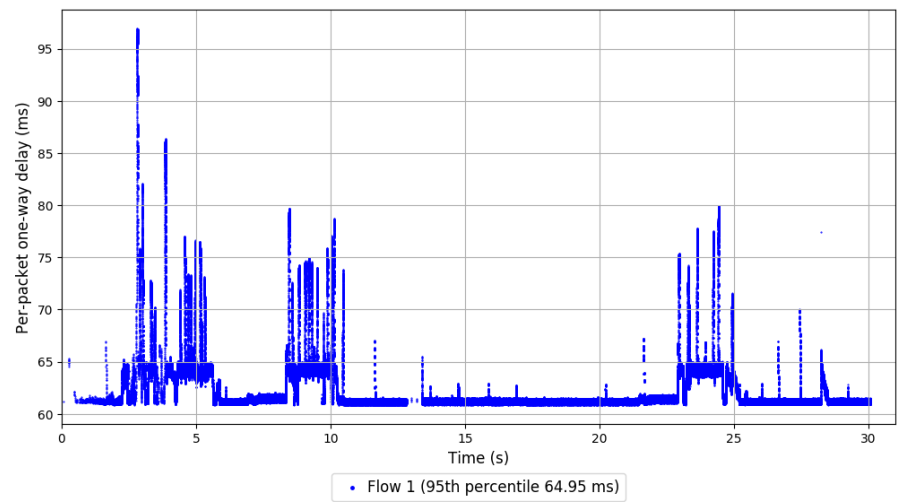
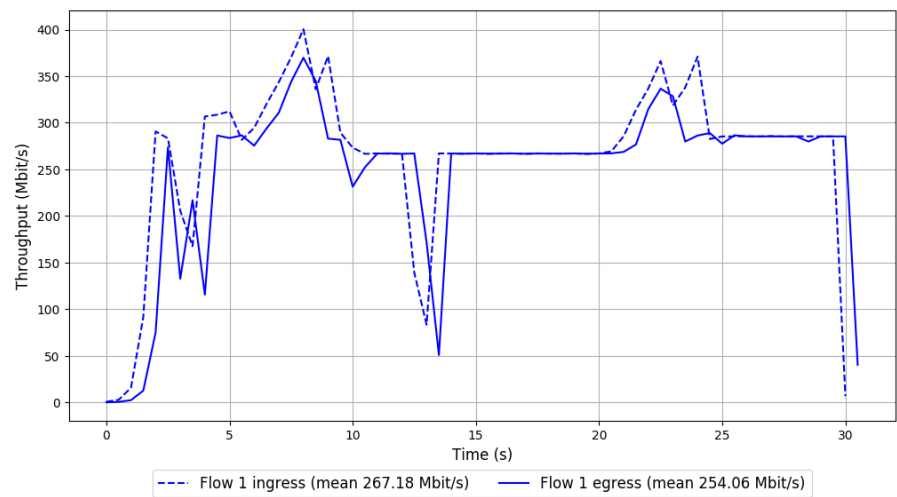


Run 5: Statistics of TCP BBR

Start at: 2018-08-27 22:47:24
End at: 2018-08-27 22:47:54
Local clock offset: 0.594 ms
Remote clock offset: -36.554 ms

Below is generated by plot.py at 2018-08-28 00:48:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 254.06 Mbit/s
95th percentile per-packet one-way delay: 64.947 ms
Loss rate: 4.92%
-- Flow 1:
Average throughput: 254.06 Mbit/s
95th percentile per-packet one-way delay: 64.947 ms
Loss rate: 4.92%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-08-27 23:08:46

End at: 2018-08-27 23:09:16

Local clock offset: 3.688 ms

Remote clock offset: -31.547 ms

Below is generated by plot.py at 2018-08-28 00:48:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 252.79 Mbit/s

95th percentile per-packet one-way delay: 64.711 ms

Loss rate: 4.79%

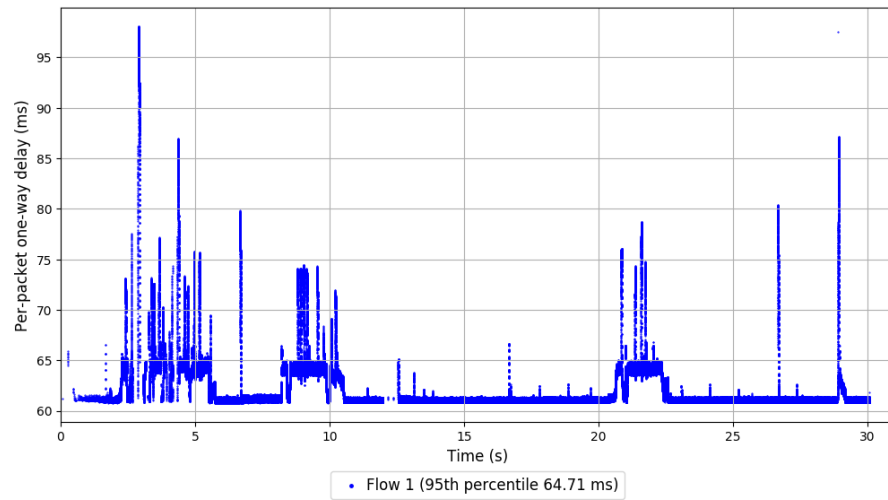
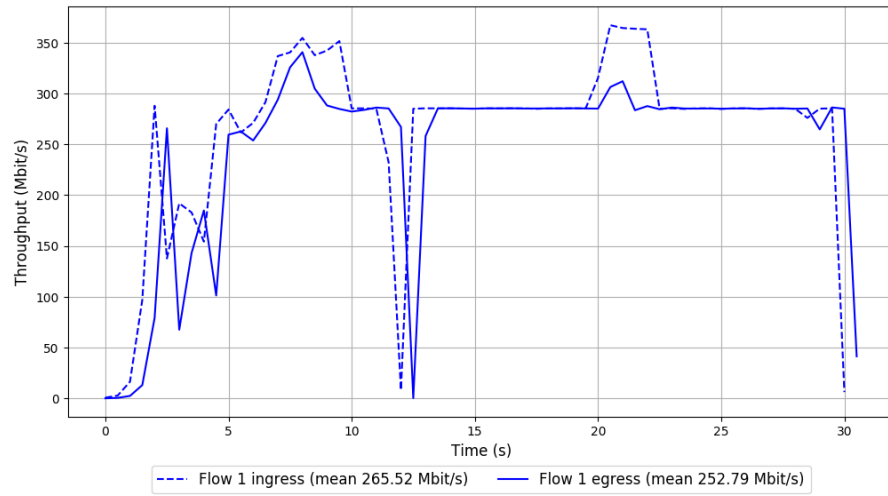
-- Flow 1:

Average throughput: 252.79 Mbit/s

95th percentile per-packet one-way delay: 64.711 ms

Loss rate: 4.79%

Run 6: Report of TCP BBR — Data Link

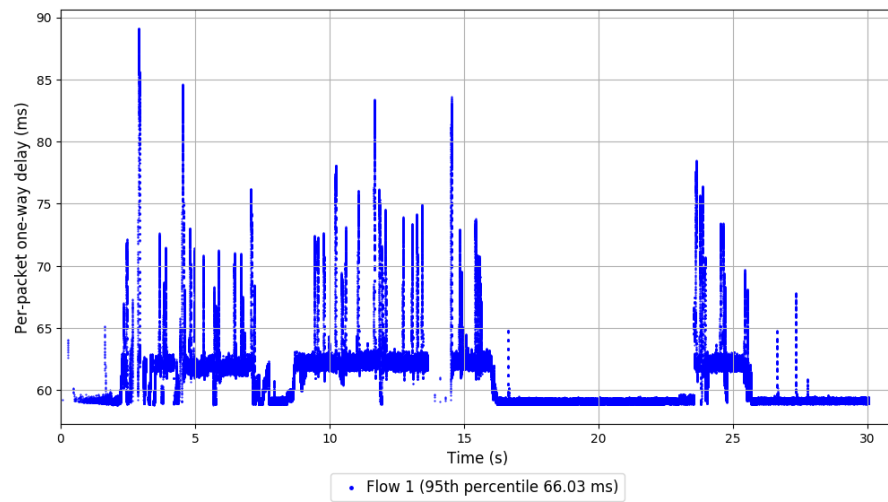
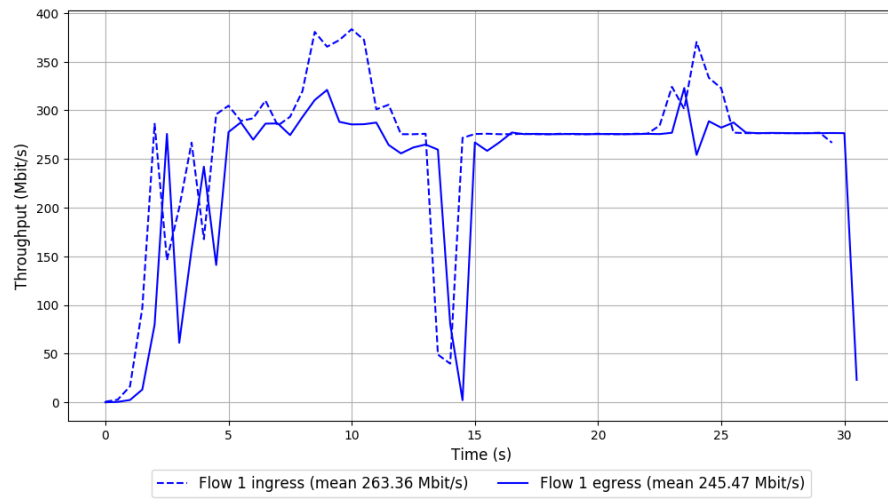


Run 7: Statistics of TCP BBR

Start at: 2018-08-27 23:30:11
End at: 2018-08-27 23:30:41
Local clock offset: -0.158 ms
Remote clock offset: -37.77 ms

Below is generated by plot.py at 2018-08-28 00:48:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 245.47 Mbit/s
95th percentile per-packet one-way delay: 66.028 ms
Loss rate: 6.79%
-- Flow 1:
Average throughput: 245.47 Mbit/s
95th percentile per-packet one-way delay: 66.028 ms
Loss rate: 6.79%

Run 7: Report of TCP BBR — Data Link

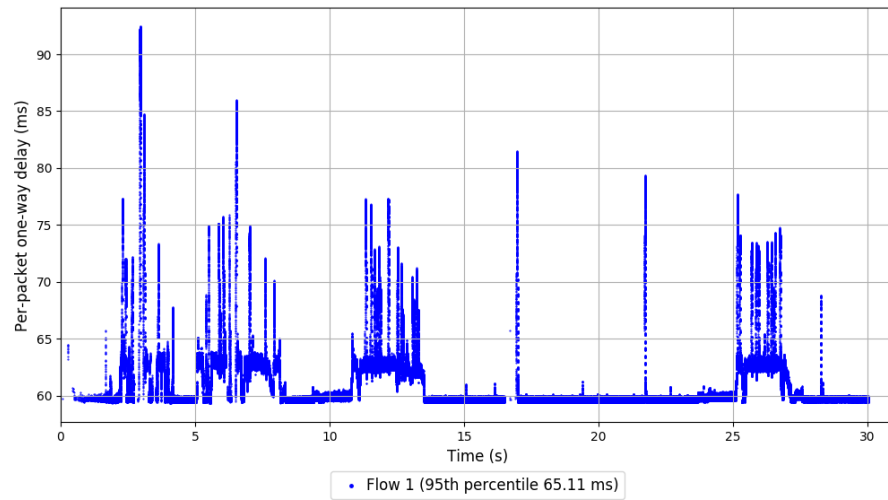
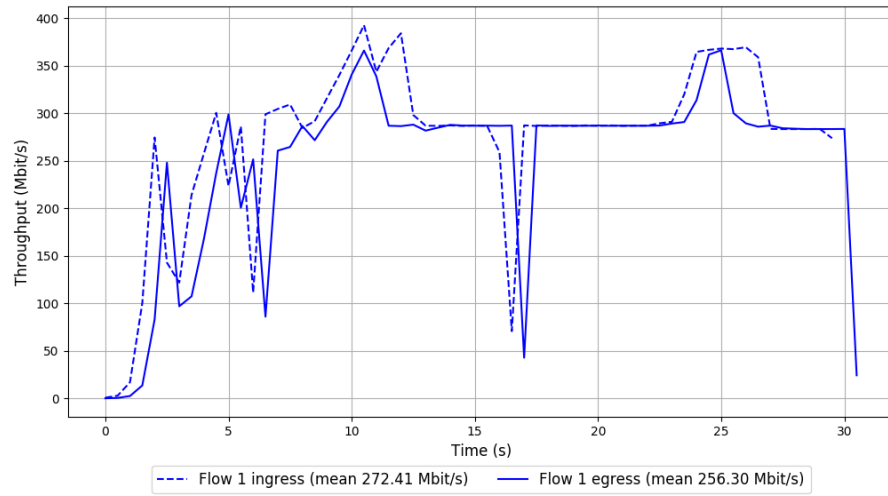


Run 8: Statistics of TCP BBR

Start at: 2018-08-27 23:57:20
End at: 2018-08-27 23:57:50
Local clock offset: 1.137 ms
Remote clock offset: -38.478 ms

Below is generated by plot.py at 2018-08-28 00:48:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 256.30 Mbit/s
95th percentile per-packet one-way delay: 65.112 ms
Loss rate: 5.91%
-- Flow 1:
Average throughput: 256.30 Mbit/s
95th percentile per-packet one-way delay: 65.112 ms
Loss rate: 5.91%

Run 8: Report of TCP BBR — Data Link

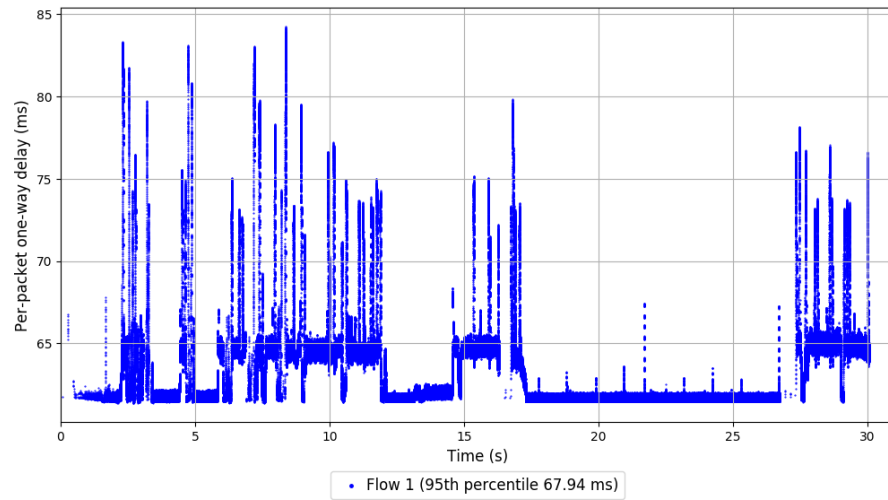
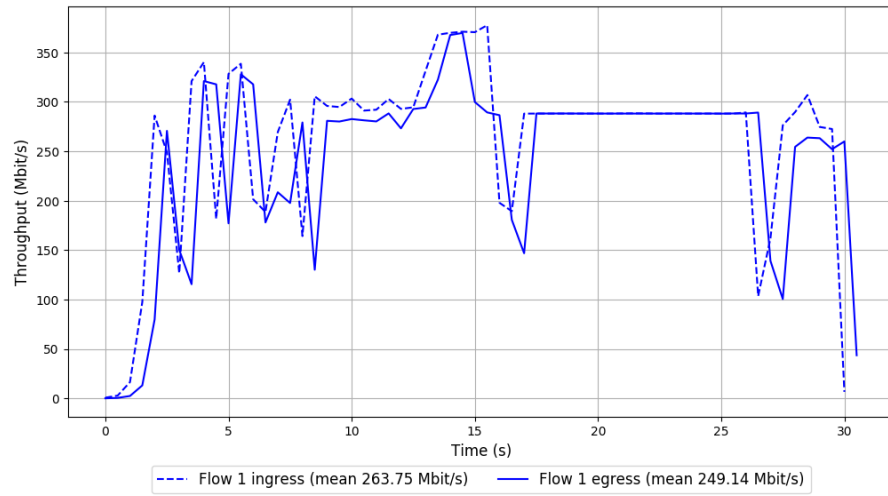


Run 9: Statistics of TCP BBR

Start at: 2018-08-28 00:18:51
End at: 2018-08-28 00:19:21
Local clock offset: 2.802 ms
Remote clock offset: -35.14 ms

Below is generated by plot.py at 2018-08-28 00:51:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 249.14 Mbit/s
95th percentile per-packet one-way delay: 67.944 ms
Loss rate: 5.53%
-- Flow 1:
Average throughput: 249.14 Mbit/s
95th percentile per-packet one-way delay: 67.944 ms
Loss rate: 5.53%

Run 9: Report of TCP BBR — Data Link

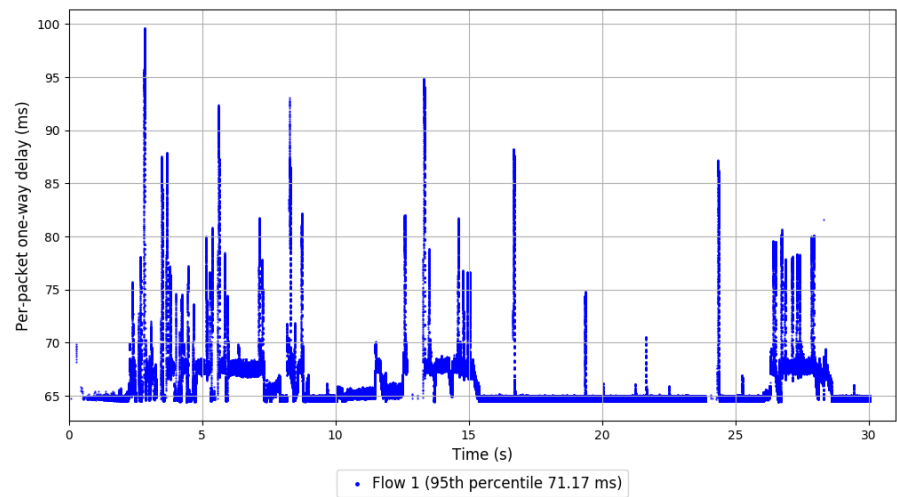
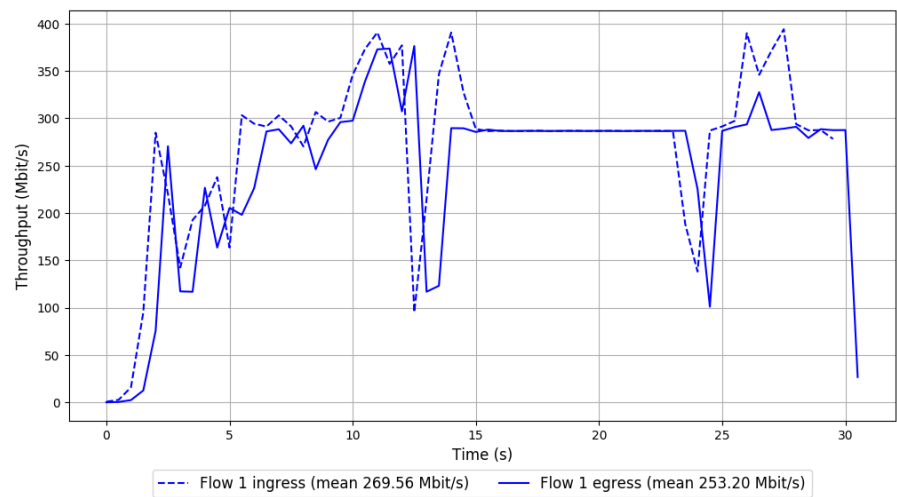


Run 10: Statistics of TCP BBR

Start at: 2018-08-28 00:40:24
End at: 2018-08-28 00:40:54
Local clock offset: 2.464 ms
Remote clock offset: -34.268 ms

Below is generated by plot.py at 2018-08-28 00:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 253.20 Mbit/s
95th percentile per-packet one-way delay: 71.167 ms
Loss rate: 6.08%
-- Flow 1:
Average throughput: 253.20 Mbit/s
95th percentile per-packet one-way delay: 71.167 ms
Loss rate: 6.08%

Run 10: Report of TCP BBR — Data Link

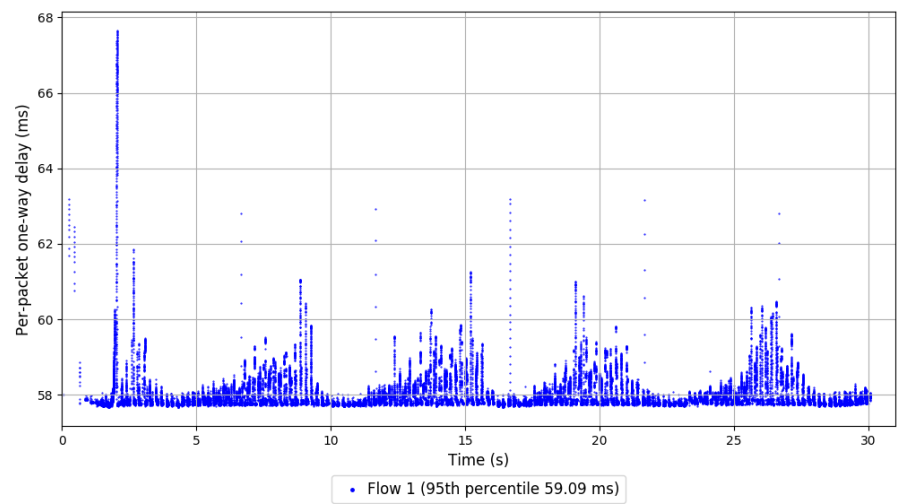
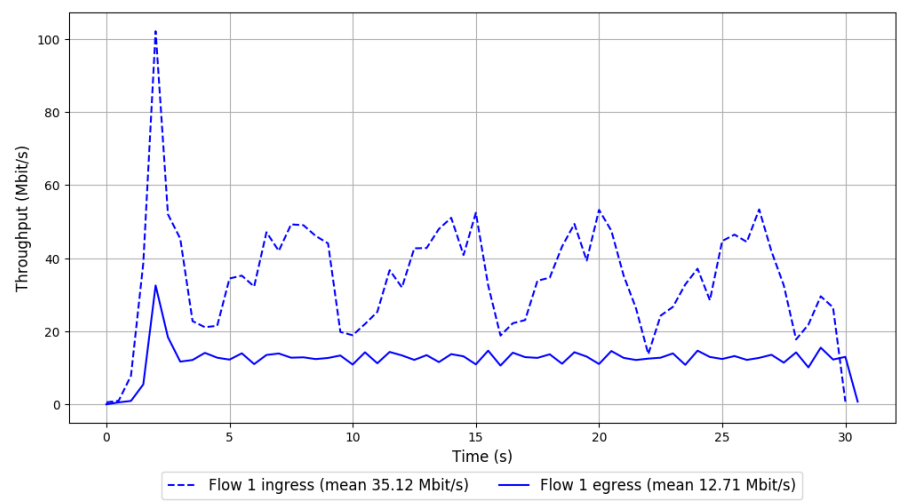


Run 1: Statistics of Copa

Start at: 2018-08-27 20:45:01
End at: 2018-08-27 20:45:31
Local clock offset: 0.809 ms
Remote clock offset: -39.446 ms

Below is generated by plot.py at 2018-08-28 00:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.71 Mbit/s
95th percentile per-packet one-way delay: 59.092 ms
Loss rate: 63.80%
-- Flow 1:
Average throughput: 12.71 Mbit/s
95th percentile per-packet one-way delay: 59.092 ms
Loss rate: 63.80%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

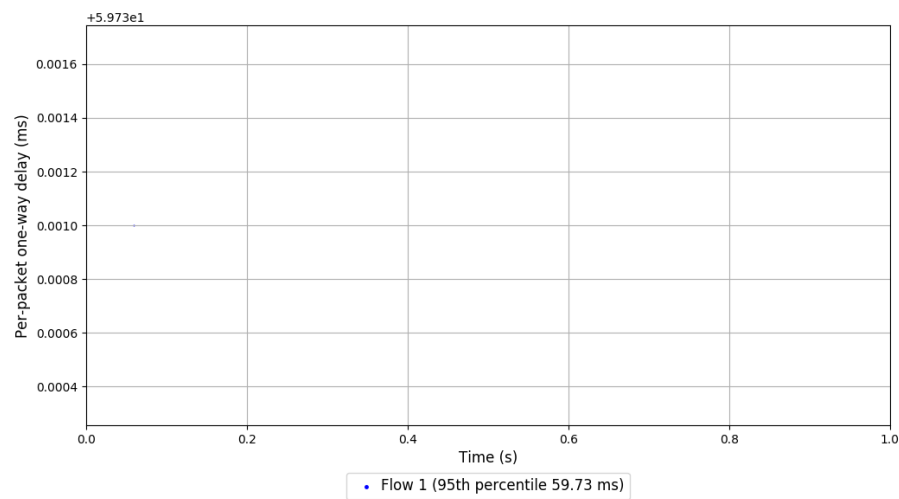
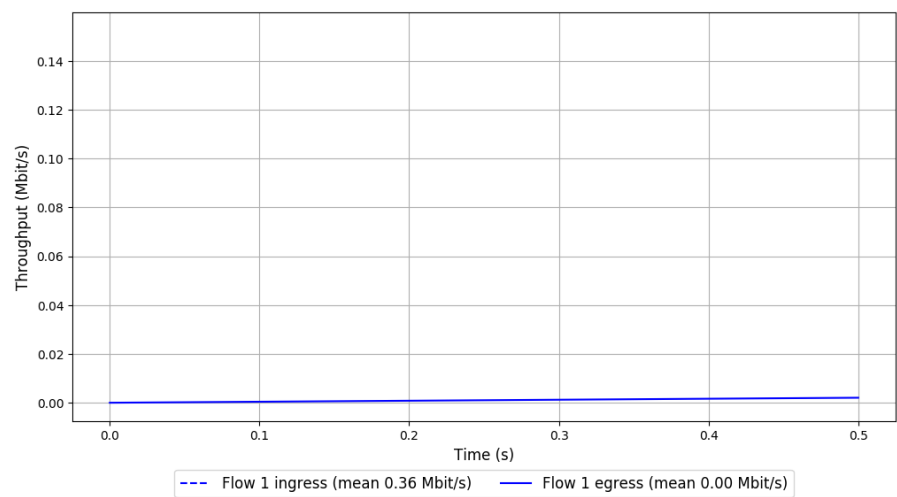
Start at: 2018-08-27 21:11:58

End at: 2018-08-27 21:12:28

Local clock offset: 0.725 ms

Remote clock offset: -38.459 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

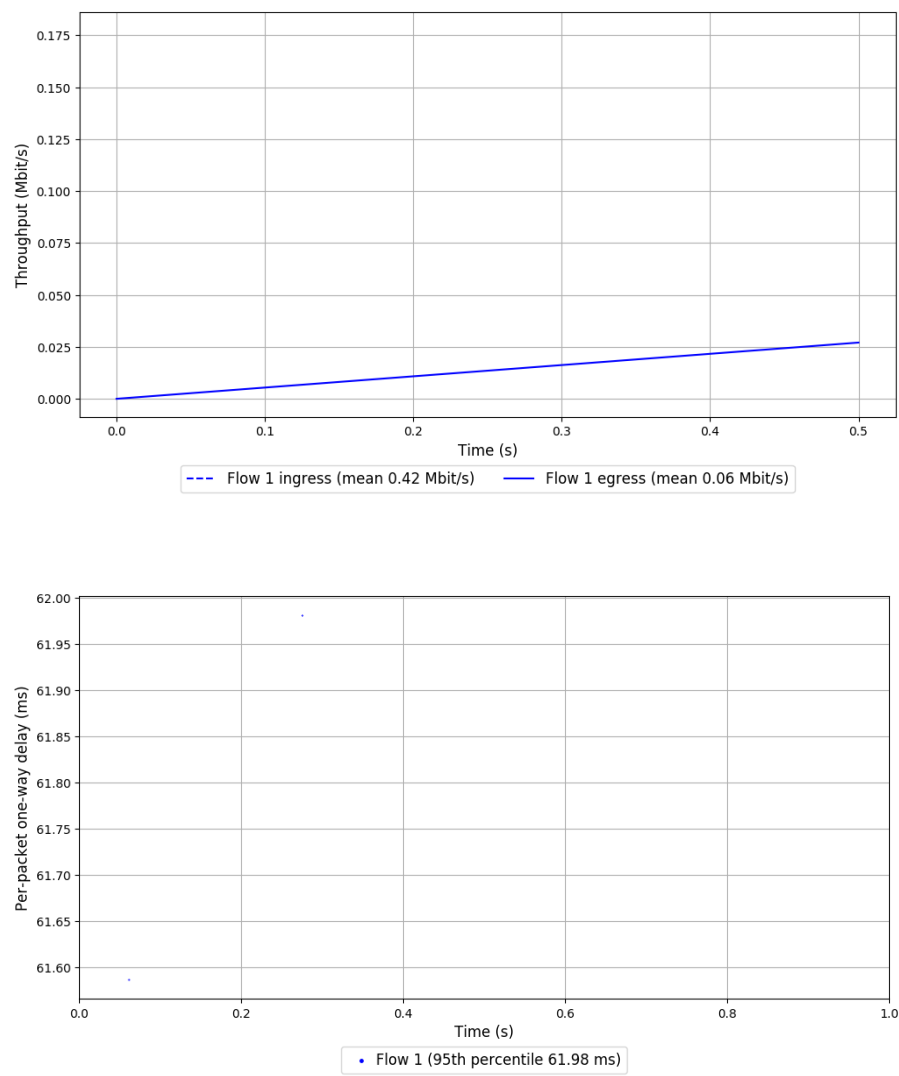
Start at: 2018-08-27 21:44:41

End at: 2018-08-27 21:45:11

Local clock offset: 4.883 ms

Remote clock offset: -30.982 ms

Run 3: Report of Copa — Data Link

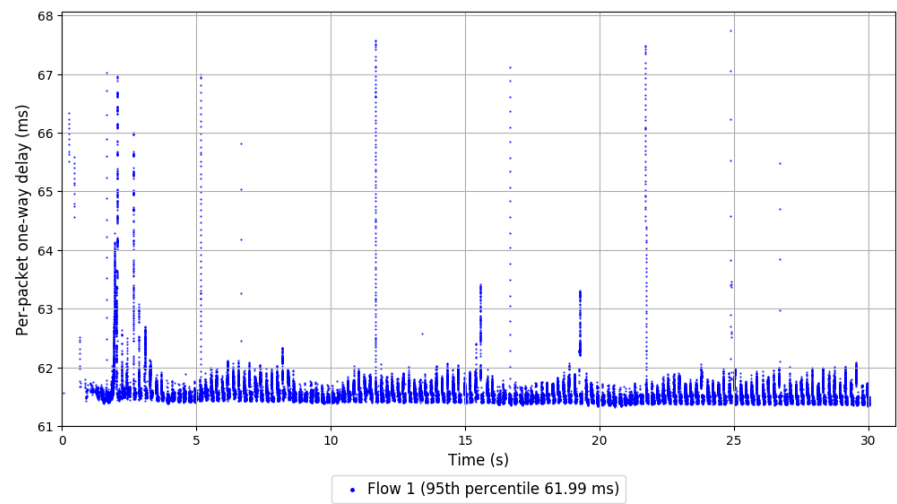
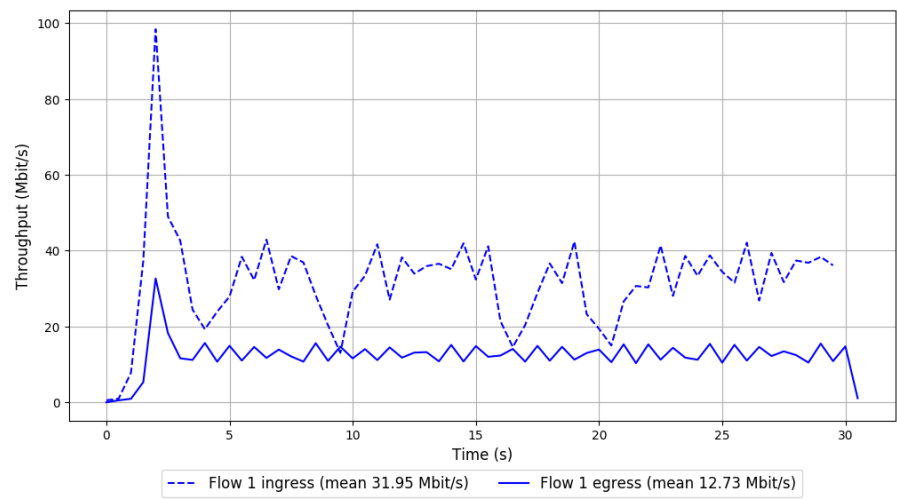


Run 4: Statistics of Copa

Start at: 2018-08-27 22:06:14
End at: 2018-08-27 22:06:44
Local clock offset: -1.846 ms
Remote clock offset: -36.139 ms

Below is generated by plot.py at 2018-08-28 00:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 61.995 ms
Loss rate: 60.14%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 61.995 ms
Loss rate: 60.14%

Run 4: Report of Copa — Data Link

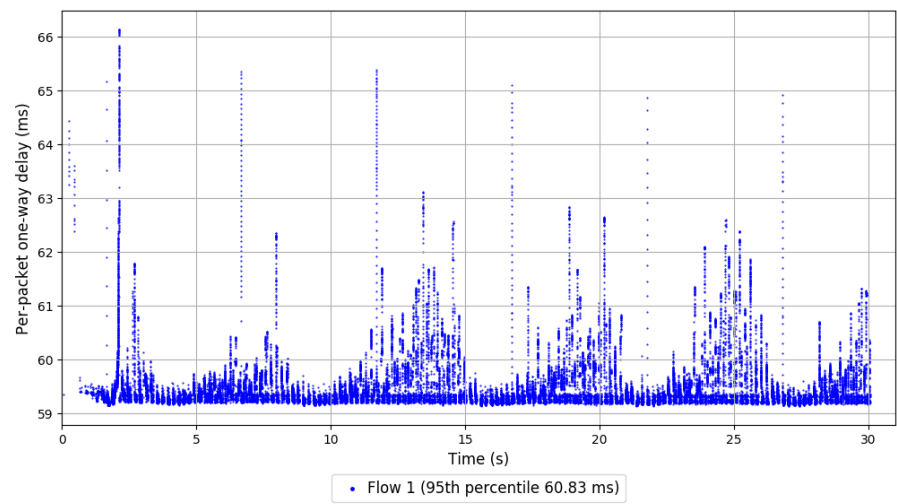
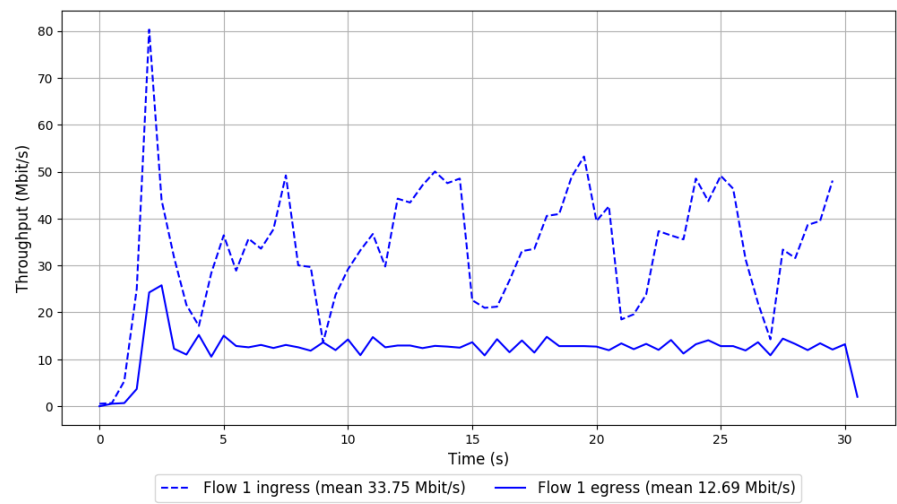


Run 5: Statistics of Copa

Start at: 2018-08-27 22:27:45
End at: 2018-08-27 22:28:15
Local clock offset: -1.326 ms
Remote clock offset: -36.075 ms

Below is generated by plot.py at 2018-08-28 00:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 60.831 ms
Loss rate: 62.41%
-- Flow 1:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 60.831 ms
Loss rate: 62.41%

Run 5: Report of Copa — Data Link

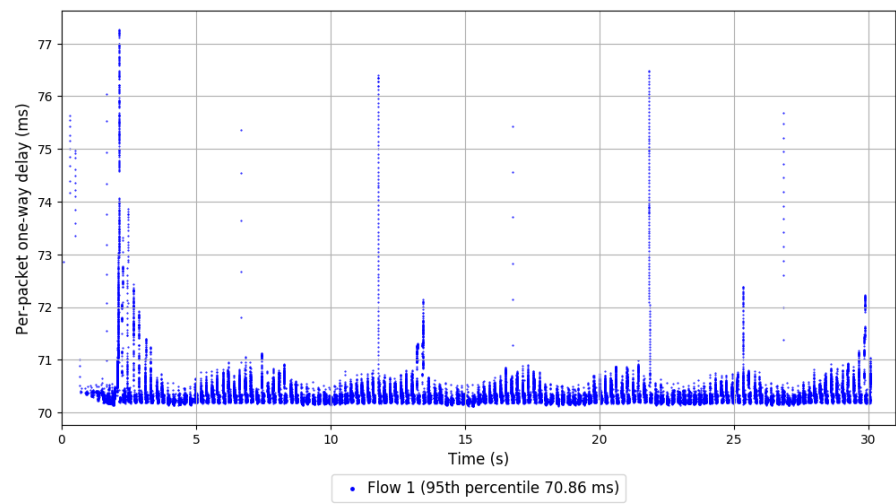
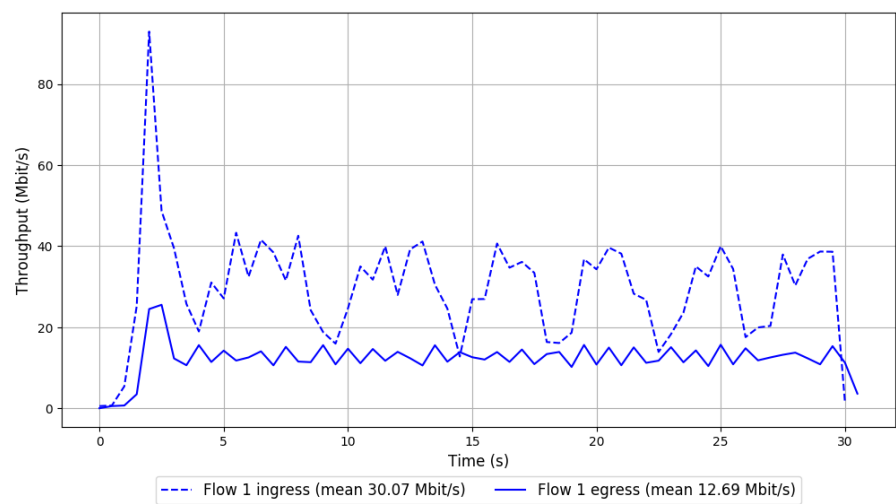


Run 6: Statistics of Copa

Start at: 2018-08-27 22:54:52
End at: 2018-08-27 22:55:22
Local clock offset: -8.931 ms
Remote clock offset: -34.519 ms

Below is generated by plot.py at 2018-08-28 00:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 70.858 ms
Loss rate: 57.81%
-- Flow 1:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 70.858 ms
Loss rate: 57.81%

Run 6: Report of Copa — Data Link

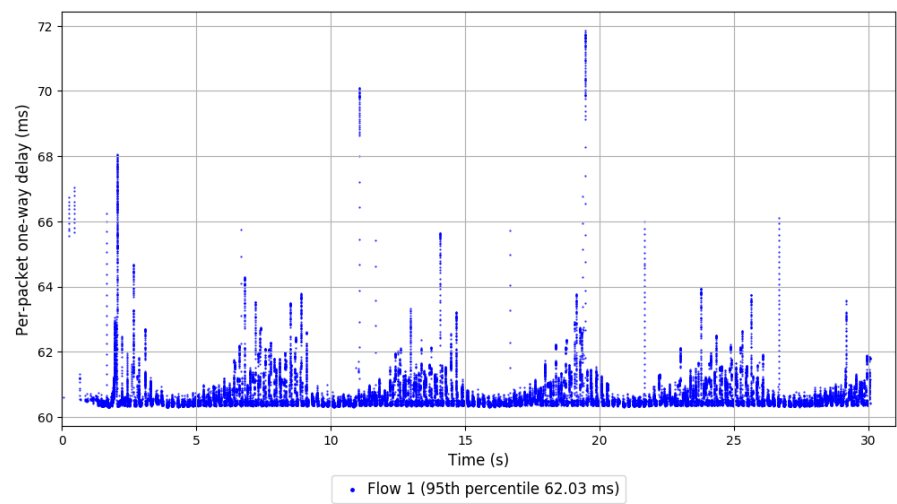
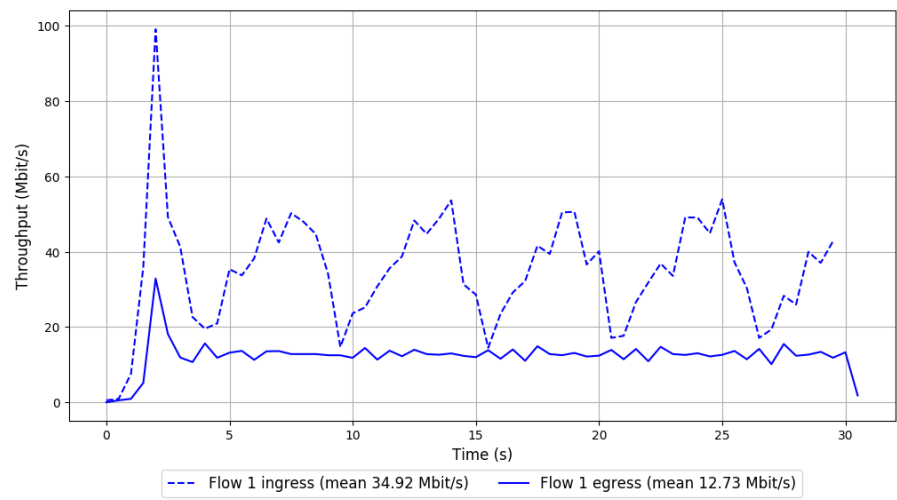


Run 7: Statistics of Copa

Start at: 2018-08-27 23:16:16
End at: 2018-08-27 23:16:46
Local clock offset: -0.351 ms
Remote clock offset: -36.305 ms

Below is generated by plot.py at 2018-08-28 00:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 62.032 ms
Loss rate: 63.54%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 62.032 ms
Loss rate: 63.54%

Run 7: Report of Copa — Data Link

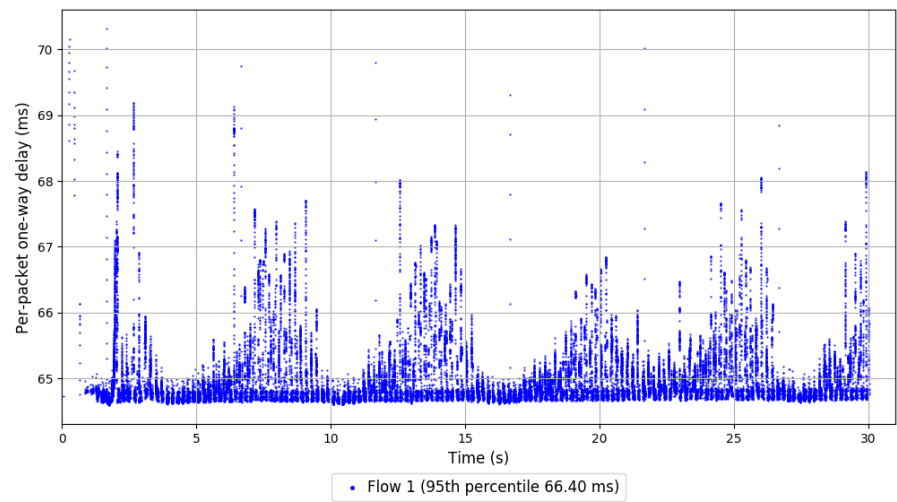
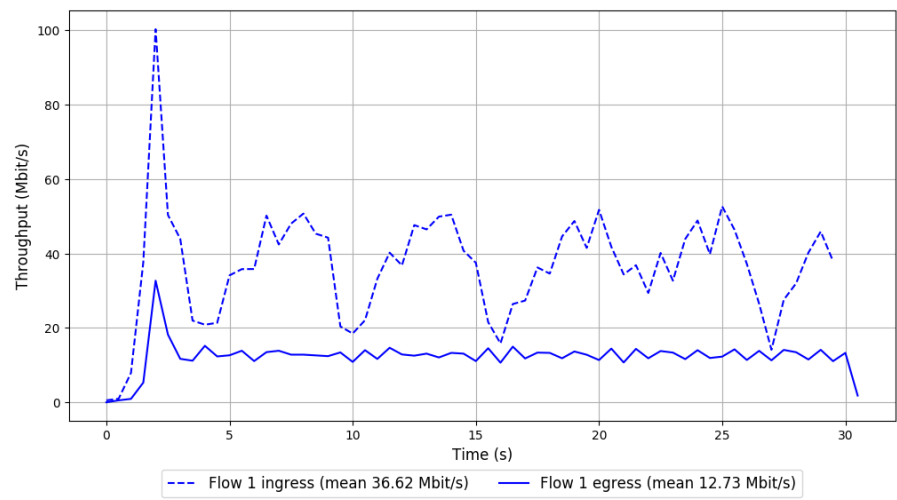


Run 8: Statistics of Copa

Start at: 2018-08-27 23:37:46
End at: 2018-08-27 23:38:17
Local clock offset: 0.718 ms
Remote clock offset: -32.153 ms

Below is generated by plot.py at 2018-08-28 00:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 66.401 ms
Loss rate: 65.22%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 66.401 ms
Loss rate: 65.22%

Run 8: Report of Copa — Data Link

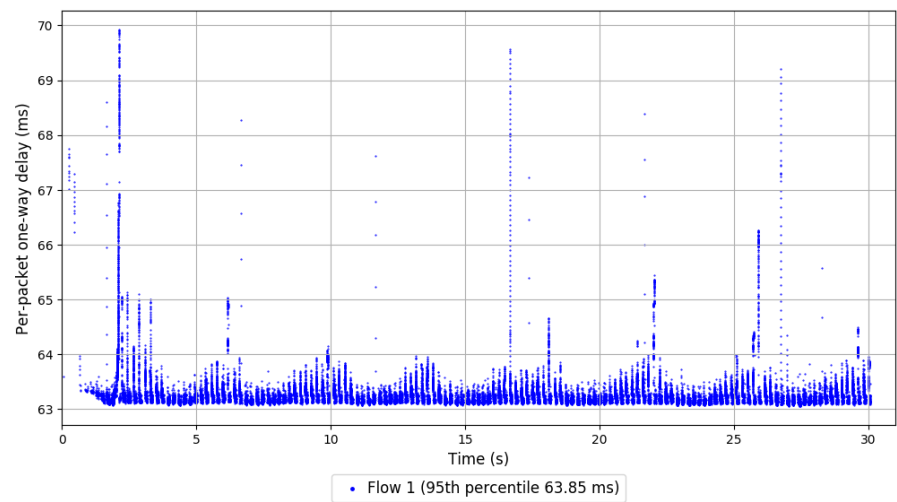
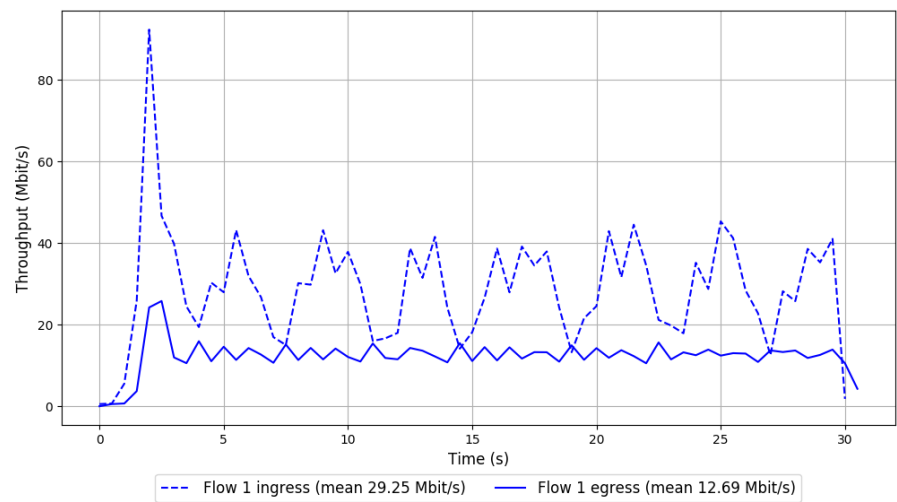


Run 9: Statistics of Copa

Start at: 2018-08-28 00:04:53
End at: 2018-08-28 00:05:23
Local clock offset: 0.726 ms
Remote clock offset: -35.261 ms

Below is generated by plot.py at 2018-08-28 00:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 63.853 ms
Loss rate: 56.63%
-- Flow 1:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 63.853 ms
Loss rate: 56.63%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-08-28 00:26:22

End at: 2018-08-28 00:26:52

Local clock offset: 0.13 ms

Remote clock offset: -38.89 ms

Below is generated by plot.py at 2018-08-28 00:51:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.69 Mbit/s

95th percentile per-packet one-way delay: 61.821 ms

Loss rate: 58.68%

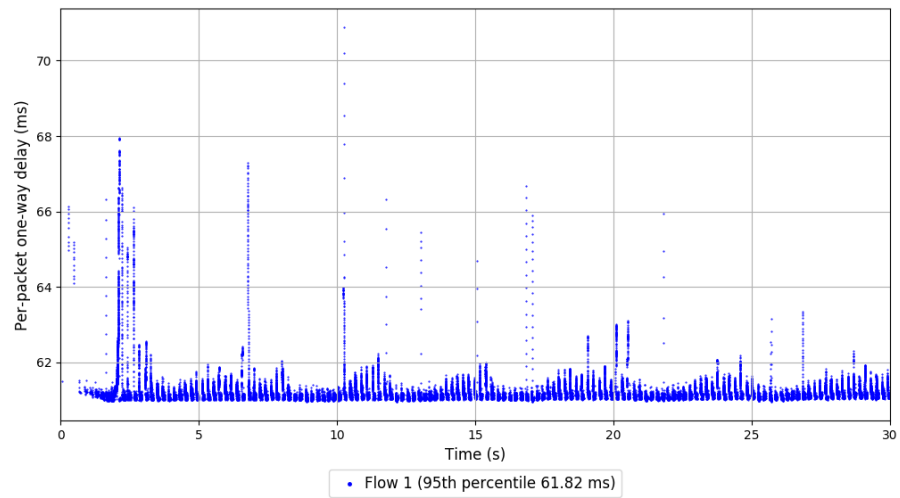
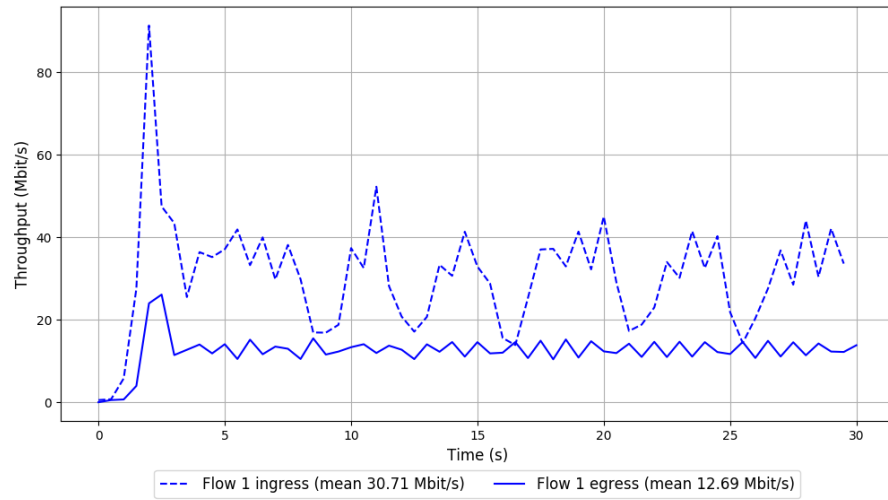
-- Flow 1:

Average throughput: 12.69 Mbit/s

95th percentile per-packet one-way delay: 61.821 ms

Loss rate: 58.68%

Run 10: Report of Copa — Data Link

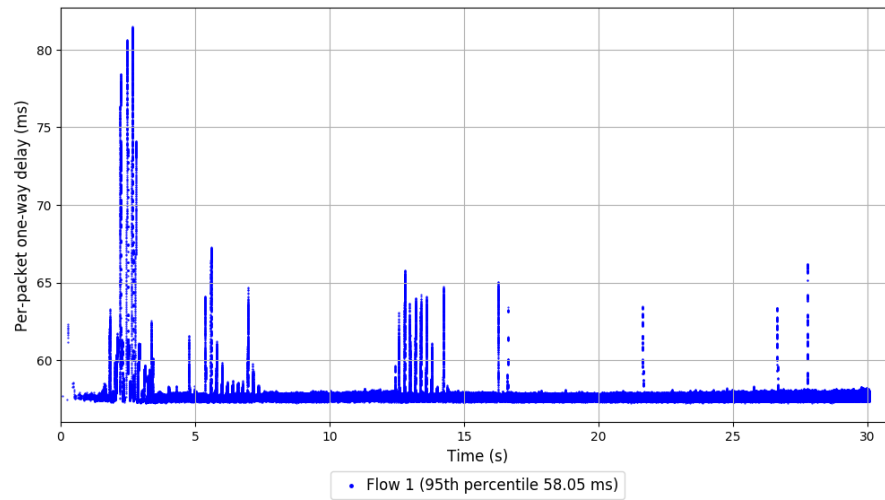
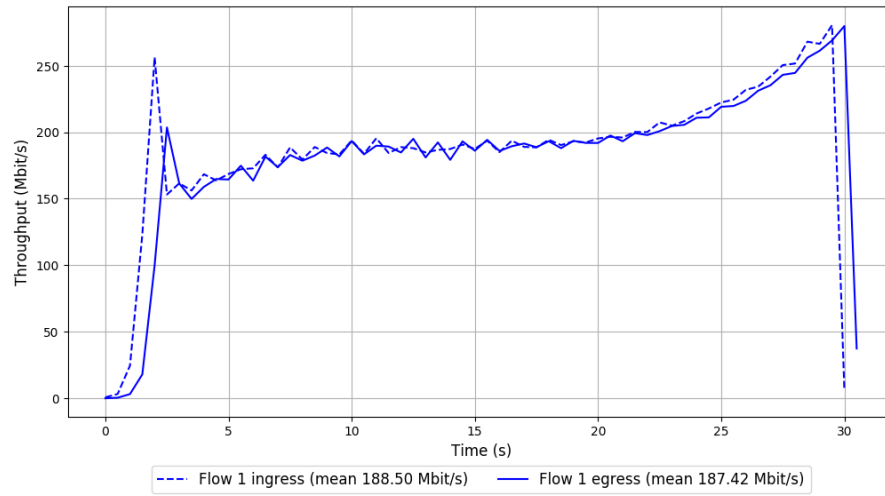


Run 1: Statistics of TCP Cubic

Start at: 2018-08-27 20:49:58
End at: 2018-08-27 20:50:28
Local clock offset: 1.136 ms
Remote clock offset: -39.346 ms

Below is generated by plot.py at 2018-08-28 00:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 187.42 Mbit/s
95th percentile per-packet one-way delay: 58.048 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 187.42 Mbit/s
95th percentile per-packet one-way delay: 58.048 ms
Loss rate: 0.58%

Run 1: Report of TCP Cubic — Data Link

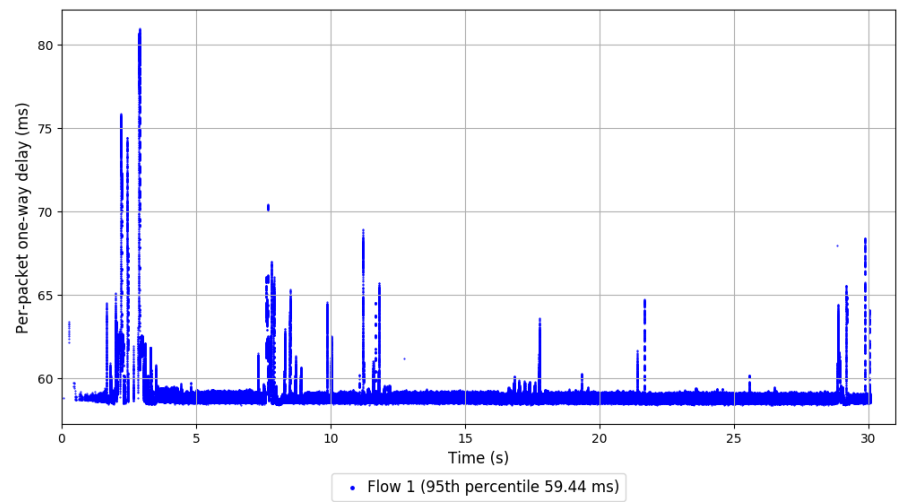
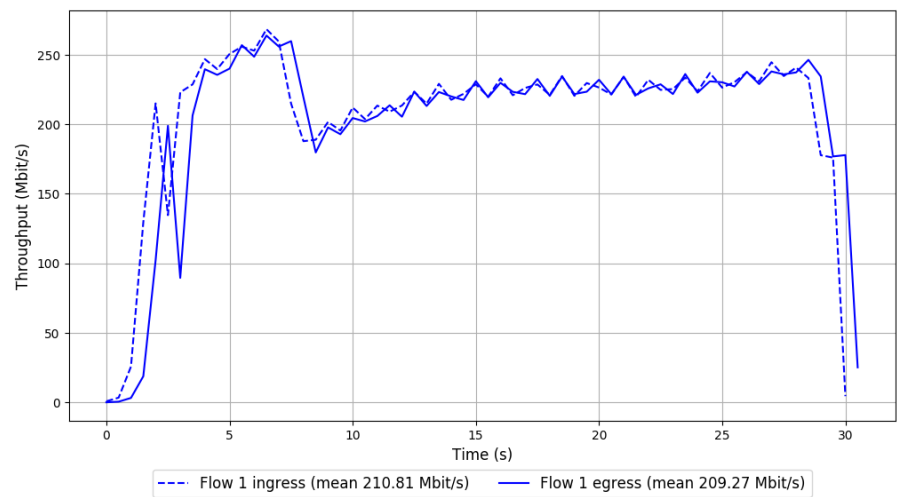


Run 2: Statistics of TCP Cubic

Start at: 2018-08-27 21:22:33
End at: 2018-08-27 21:23:03
Local clock offset: 1.898 ms
Remote clock offset: -37.486 ms

Below is generated by plot.py at 2018-08-28 00:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.27 Mbit/s
95th percentile per-packet one-way delay: 59.442 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 209.27 Mbit/s
95th percentile per-packet one-way delay: 59.442 ms
Loss rate: 0.73%

Run 2: Report of TCP Cubic — Data Link

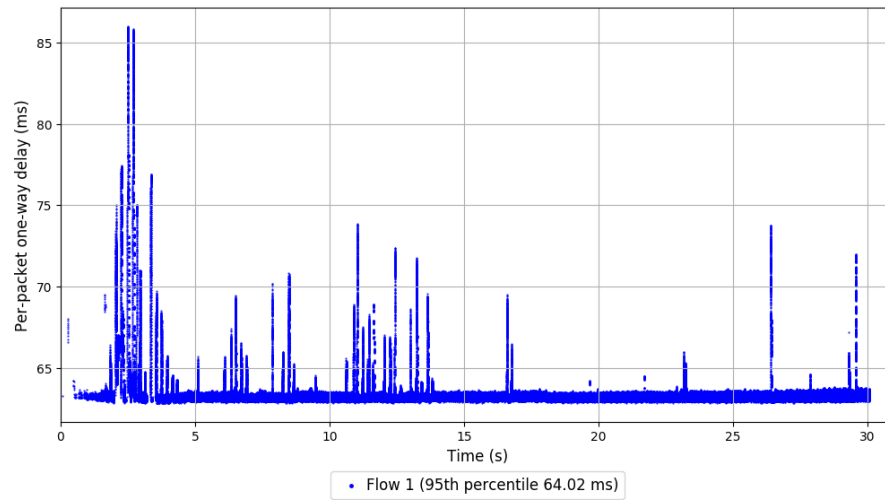
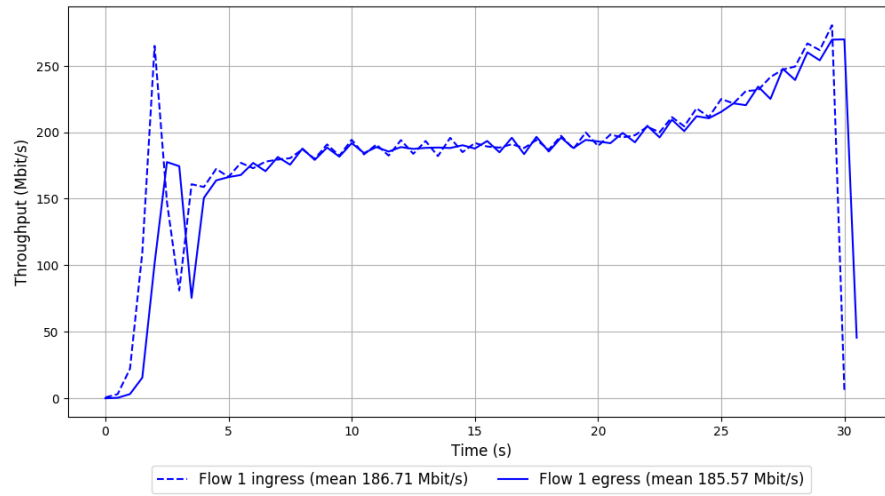


Run 3: Statistics of TCP Cubic

Start at: 2018-08-27 21:49:37
End at: 2018-08-27 21:50:07
Local clock offset: 1.251 ms
Remote clock offset: -35.076 ms

Below is generated by plot.py at 2018-08-28 00:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 185.57 Mbit/s
95th percentile per-packet one-way delay: 64.015 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 185.57 Mbit/s
95th percentile per-packet one-way delay: 64.015 ms
Loss rate: 0.62%

Run 3: Report of TCP Cubic — Data Link

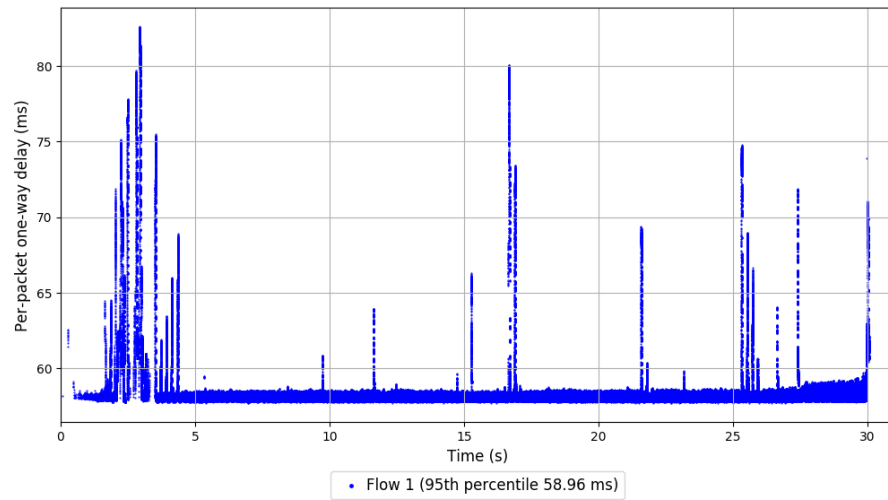
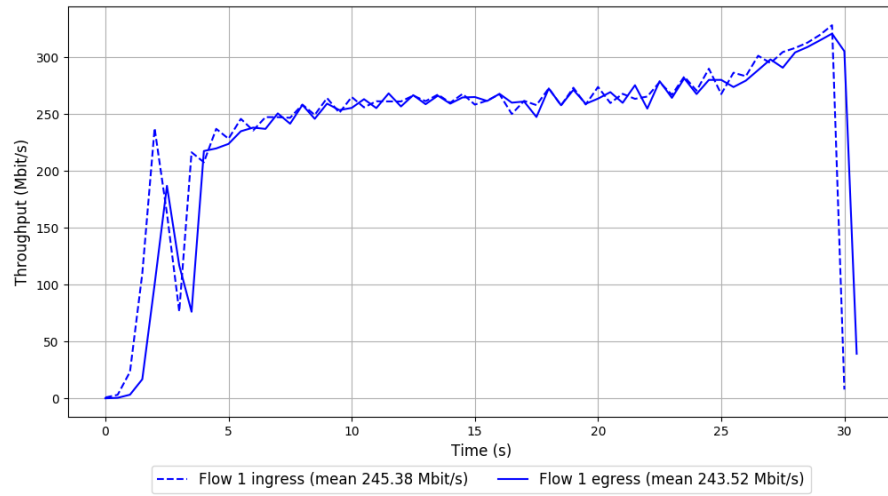


Run 4: Statistics of TCP Cubic

Start at: 2018-08-27 22:11:11
End at: 2018-08-27 22:11:41
Local clock offset: 3.75 ms
Remote clock offset: -35.886 ms

Below is generated by plot.py at 2018-08-28 00:51:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 243.52 Mbit/s
95th percentile per-packet one-way delay: 58.958 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 243.52 Mbit/s
95th percentile per-packet one-way delay: 58.958 ms
Loss rate: 0.75%

Run 4: Report of TCP Cubic — Data Link

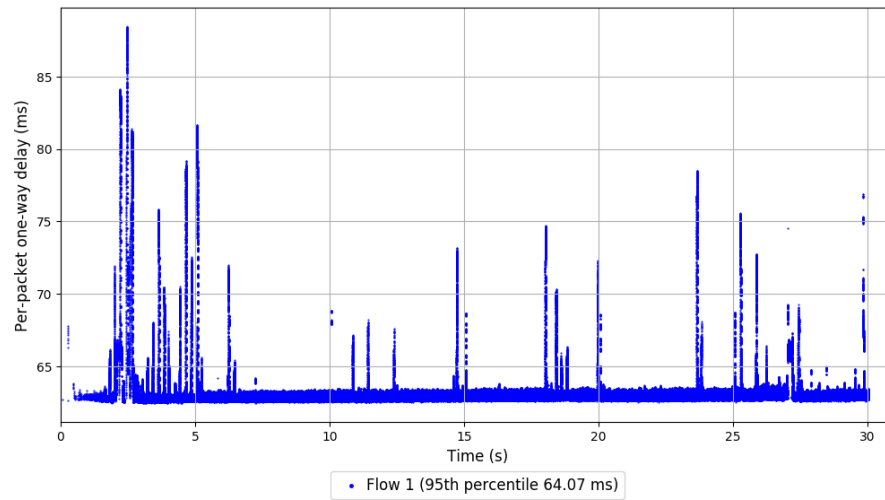
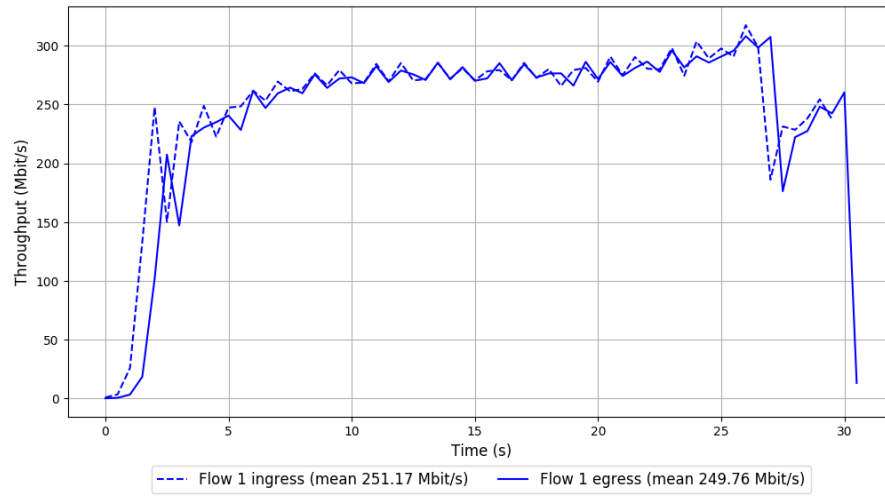


Run 5: Statistics of TCP Cubic

Start at: 2018-08-27 22:32:43
End at: 2018-08-27 22:33:13
Local clock offset: -2.277 ms
Remote clock offset: -33.337 ms

Below is generated by plot.py at 2018-08-28 00:52:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 249.76 Mbit/s
95th percentile per-packet one-way delay: 64.071 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 249.76 Mbit/s
95th percentile per-packet one-way delay: 64.071 ms
Loss rate: 0.56%

Run 5: Report of TCP Cubic — Data Link

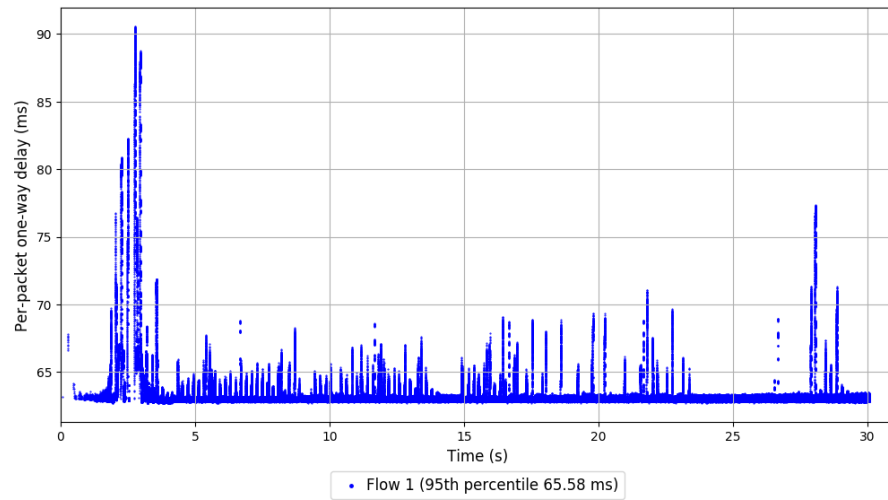
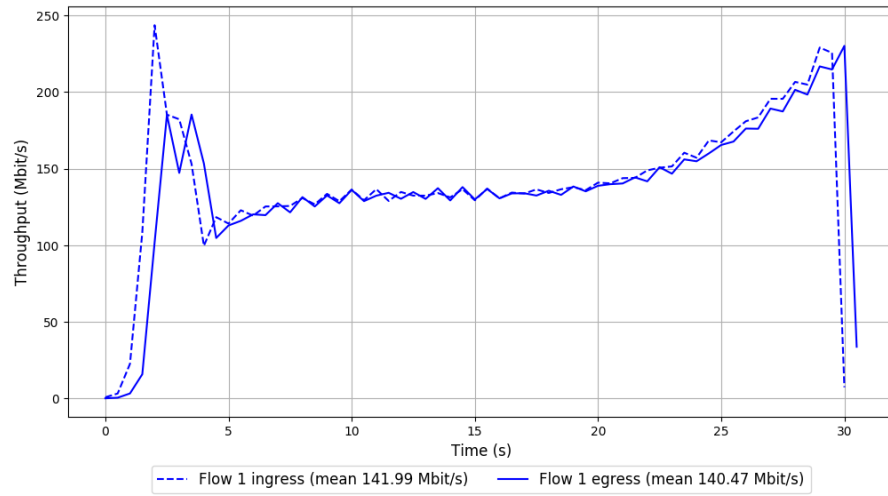


Run 6: Statistics of TCP Cubic

Start at: 2018-08-27 22:59:51
End at: 2018-08-27 23:00:21
Local clock offset: -0.499 ms
Remote clock offset: -35.53 ms

Below is generated by plot.py at 2018-08-28 00:52:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 140.47 Mbit/s
95th percentile per-packet one-way delay: 65.579 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 140.47 Mbit/s
95th percentile per-packet one-way delay: 65.579 ms
Loss rate: 1.08%

Run 6: Report of TCP Cubic — Data Link

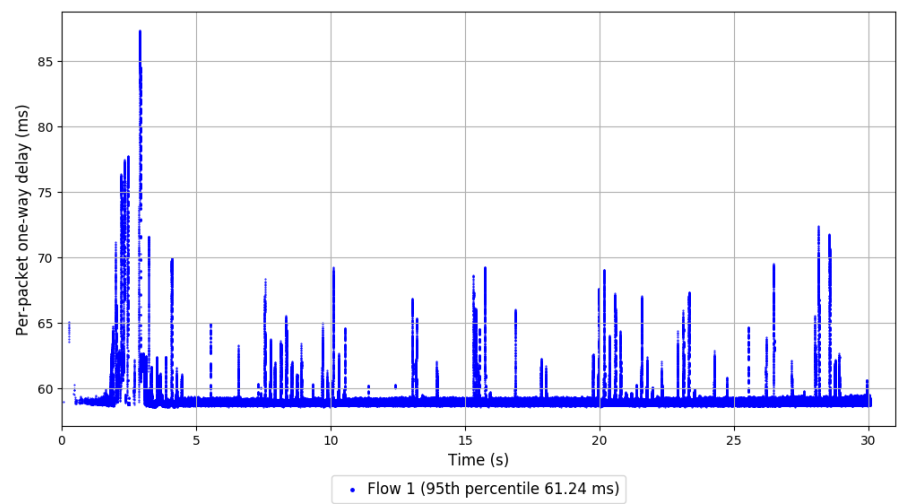
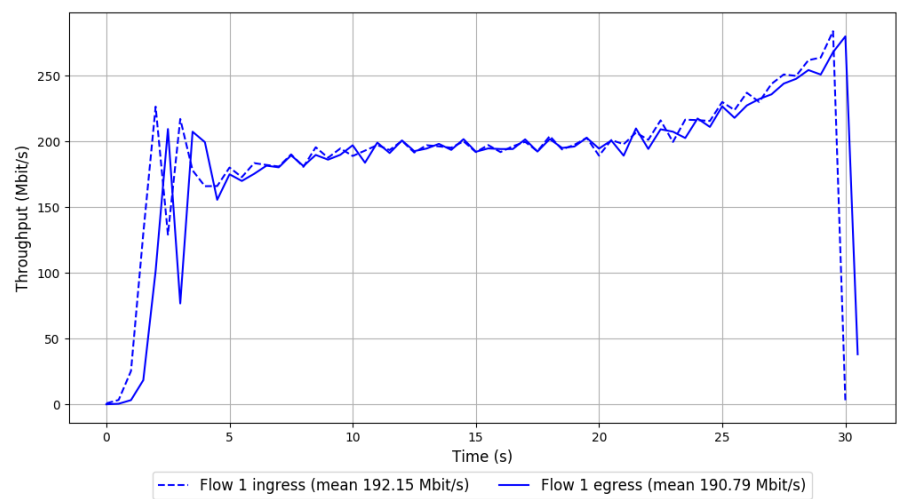


Run 7: Statistics of TCP Cubic

Start at: 2018-08-27 23:21:14
End at: 2018-08-27 23:21:44
Local clock offset: 0.173 ms
Remote clock offset: -37.384 ms

Below is generated by plot.py at 2018-08-28 00:53:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 190.79 Mbit/s
95th percentile per-packet one-way delay: 61.238 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 190.79 Mbit/s
95th percentile per-packet one-way delay: 61.238 ms
Loss rate: 0.71%

Run 7: Report of TCP Cubic — Data Link

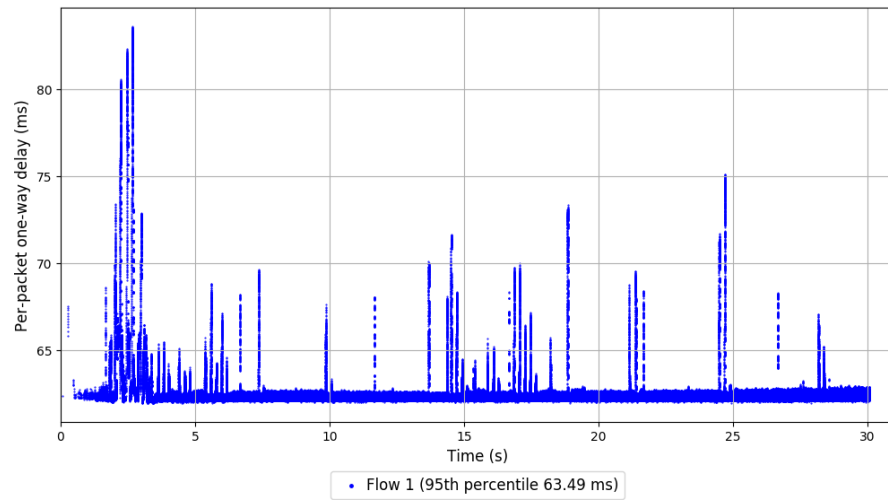
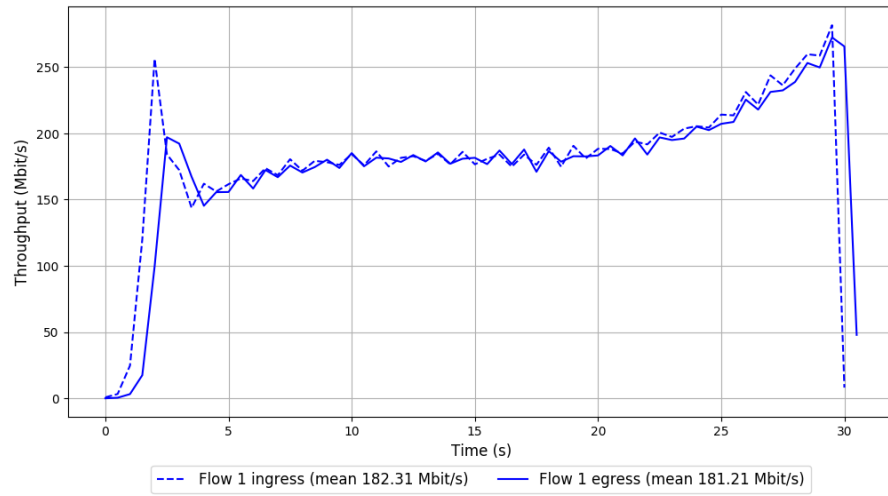


Run 8: Statistics of TCP Cubic

Start at: 2018-08-27 23:42:44
End at: 2018-08-27 23:43:14
Local clock offset: 3.865 ms
Remote clock offset: -31.752 ms

Below is generated by plot.py at 2018-08-28 00:53:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 181.21 Mbit/s
95th percentile per-packet one-way delay: 63.495 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 181.21 Mbit/s
95th percentile per-packet one-way delay: 63.495 ms
Loss rate: 0.61%

Run 8: Report of TCP Cubic — Data Link

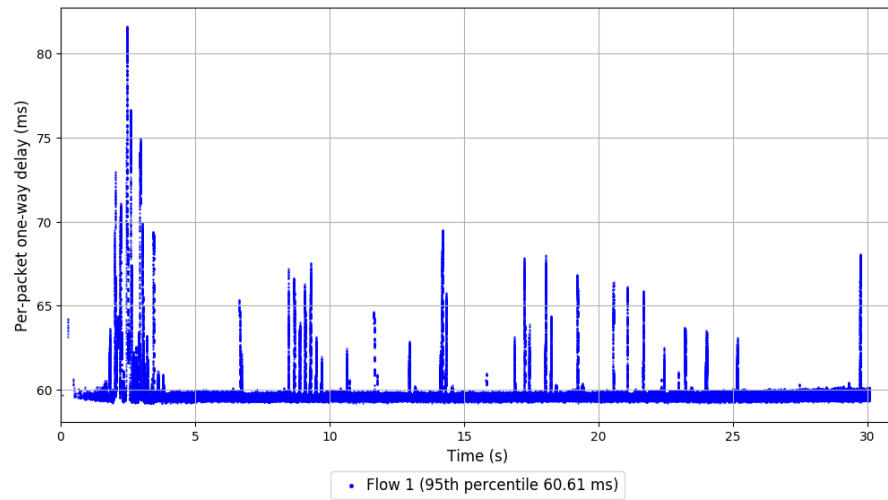
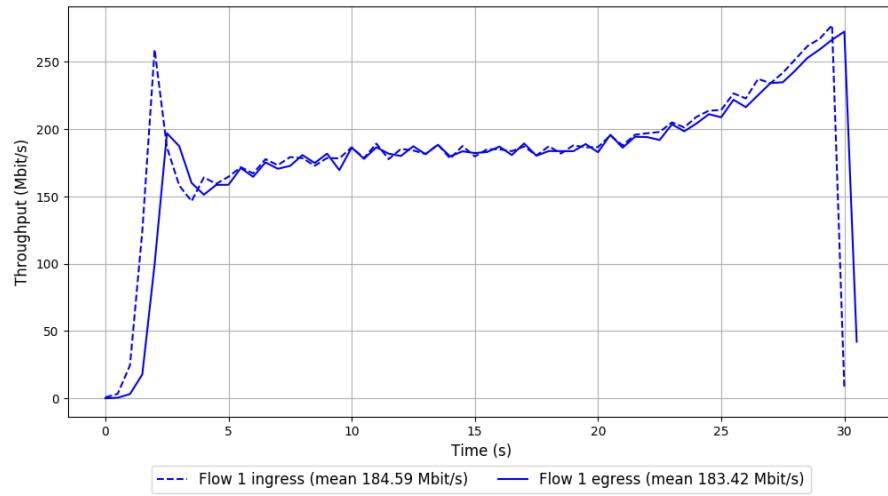


Run 9: Statistics of TCP Cubic

Start at: 2018-08-28 00:09:51
End at: 2018-08-28 00:10:21
Local clock offset: 0.741 ms
Remote clock offset: -38.91 ms

Below is generated by plot.py at 2018-08-28 00:53:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 183.42 Mbit/s
95th percentile per-packet one-way delay: 60.609 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 183.42 Mbit/s
95th percentile per-packet one-way delay: 60.609 ms
Loss rate: 0.63%

Run 9: Report of TCP Cubic — Data Link

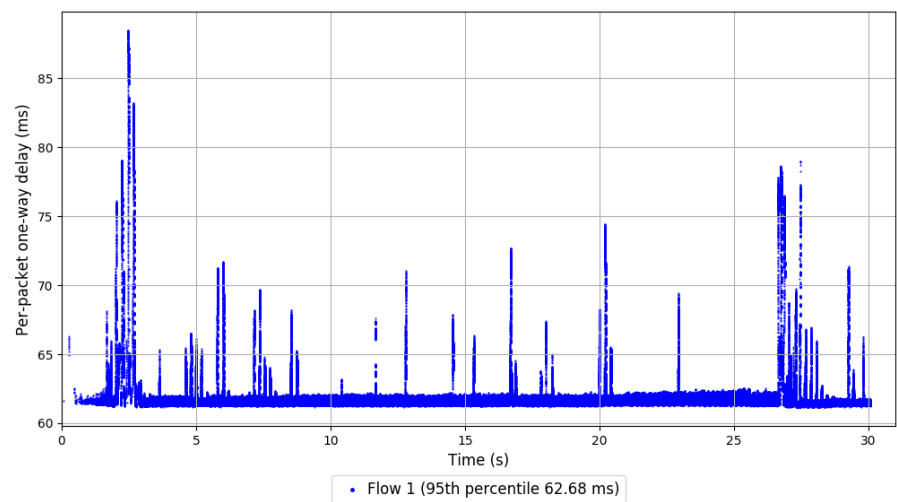
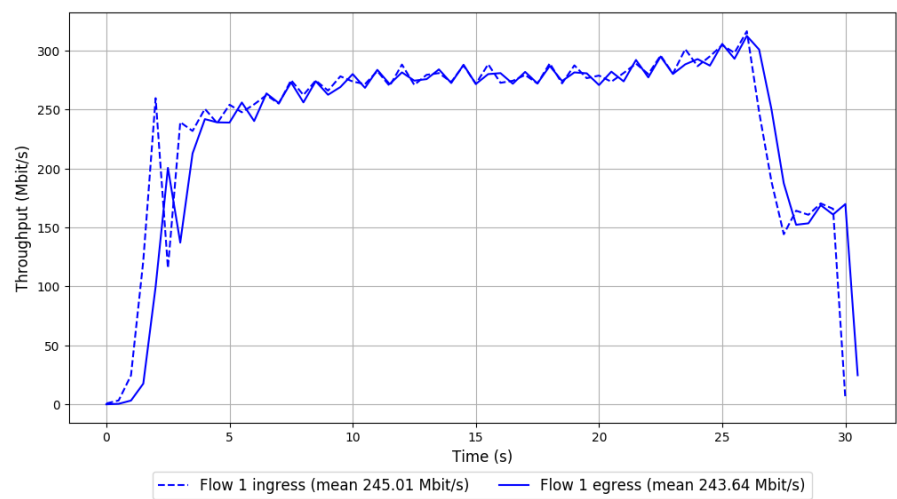


Run 10: Statistics of TCP Cubic

Start at: 2018-08-28 00:31:21
End at: 2018-08-28 00:31:51
Local clock offset: 5.405 ms
Remote clock offset: -33.501 ms

Below is generated by plot.py at 2018-08-28 00:53:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 243.64 Mbit/s
95th percentile per-packet one-way delay: 62.677 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 243.64 Mbit/s
95th percentile per-packet one-way delay: 62.677 ms
Loss rate: 0.56%

Run 10: Report of TCP Cubic — Data Link

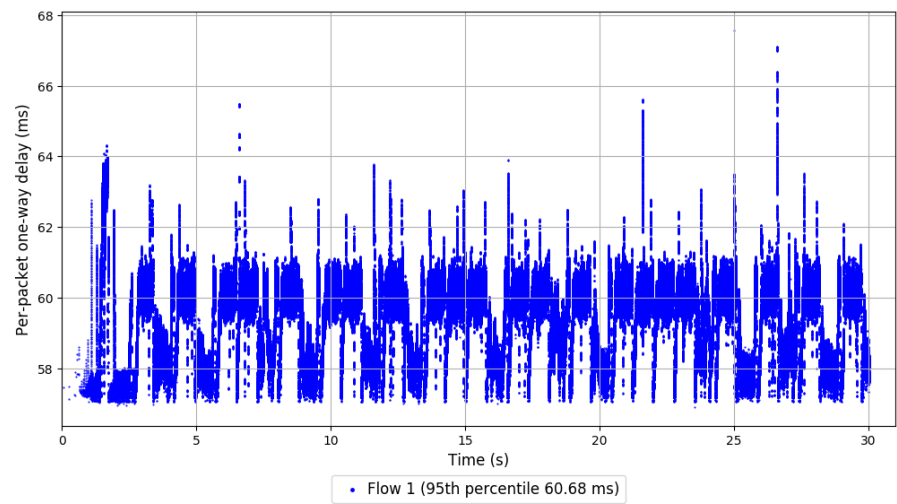
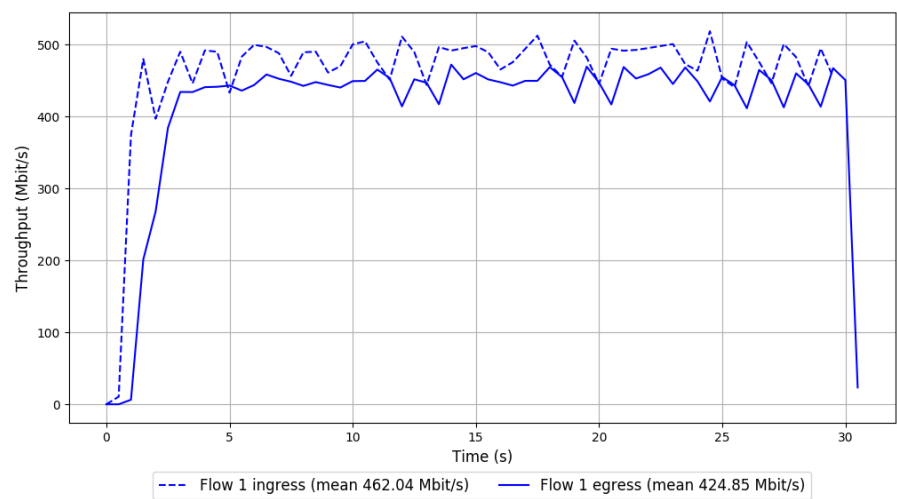


Run 1: Statistics of FillP

Start at: 2018-08-27 20:57:30
End at: 2018-08-27 20:58:00
Local clock offset: 1.612 ms
Remote clock offset: -38.914 ms

Below is generated by plot.py at 2018-08-28 00:57:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 424.85 Mbit/s
95th percentile per-packet one-way delay: 60.683 ms
Loss rate: 8.05%
-- Flow 1:
Average throughput: 424.85 Mbit/s
95th percentile per-packet one-way delay: 60.683 ms
Loss rate: 8.05%

Run 1: Report of FillP — Data Link

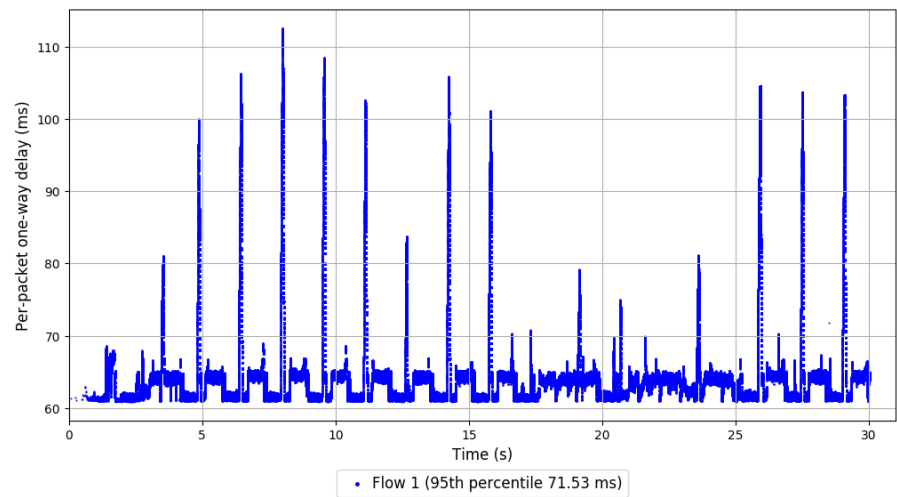
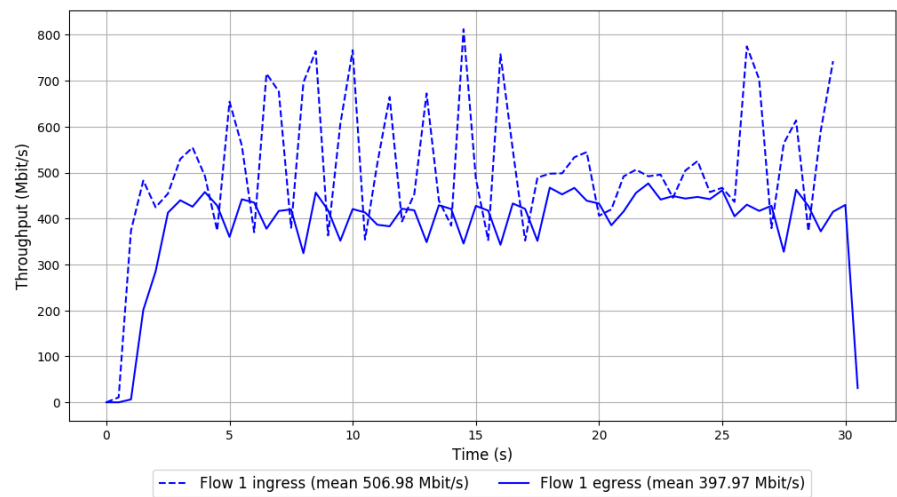


Run 2: Statistics of FillP

Start at: 2018-08-27 21:30:09
End at: 2018-08-27 21:30:40
Local clock offset: 4.044 ms
Remote clock offset: -32.385 ms

Below is generated by plot.py at 2018-08-28 00:57:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 397.97 Mbit/s
95th percentile per-packet one-way delay: 71.533 ms
Loss rate: 21.49%
-- Flow 1:
Average throughput: 397.97 Mbit/s
95th percentile per-packet one-way delay: 71.533 ms
Loss rate: 21.49%

Run 2: Report of FillP — Data Link

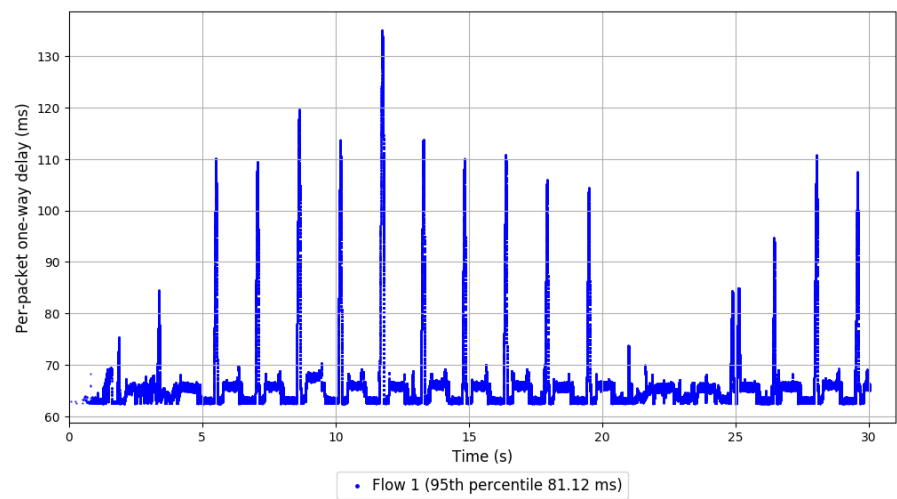
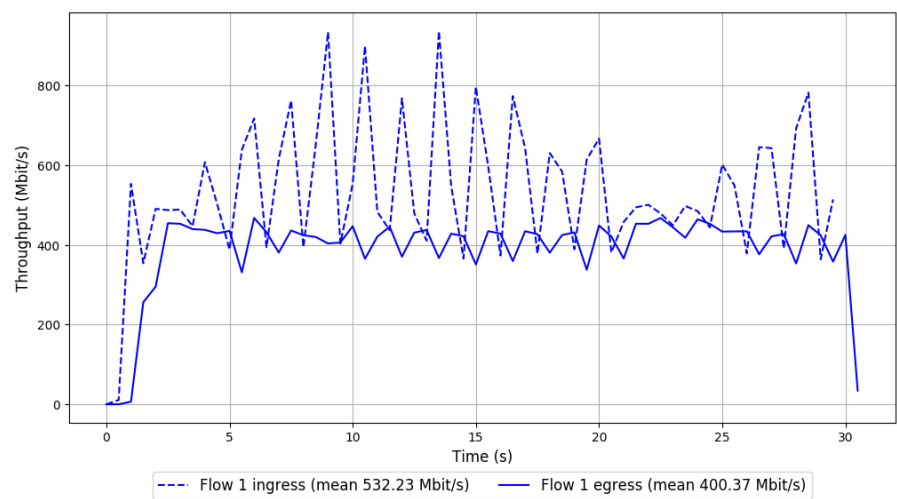


Run 3: Statistics of FillP

Start at: 2018-08-27 21:57:12
End at: 2018-08-27 21:57:42
Local clock offset: 3.263 ms
Remote clock offset: -30.769 ms

Below is generated by plot.py at 2018-08-28 00:58:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 400.37 Mbit/s
95th percentile per-packet one-way delay: 81.120 ms
Loss rate: 24.77%
-- Flow 1:
Average throughput: 400.37 Mbit/s
95th percentile per-packet one-way delay: 81.120 ms
Loss rate: 24.77%

Run 3: Report of FillP — Data Link

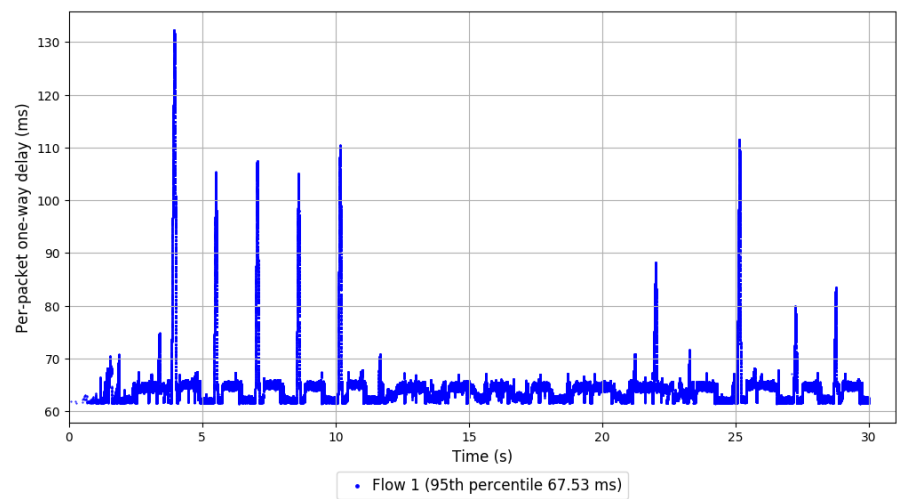
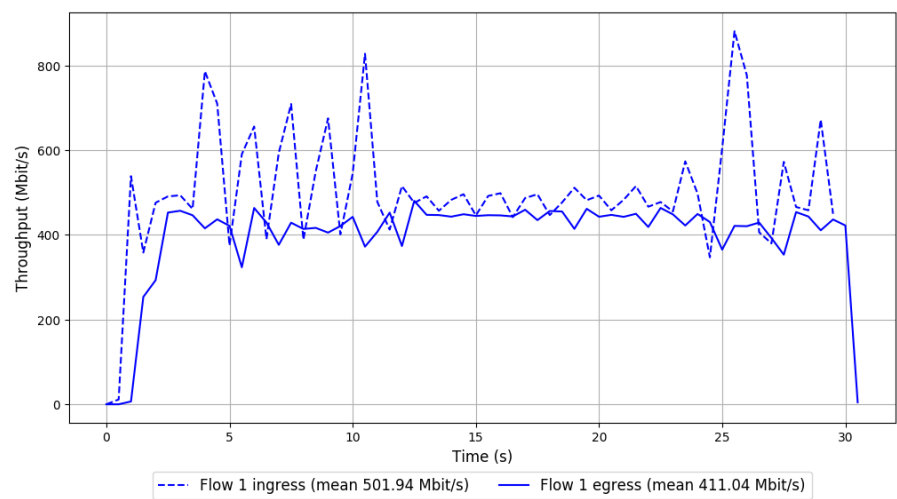


Run 4: Statistics of FillP

Start at: 2018-08-27 22:18:47
End at: 2018-08-27 22:19:17
Local clock offset: -0.355 ms
Remote clock offset: -32.807 ms

Below is generated by plot.py at 2018-08-28 00:58:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 411.04 Mbit/s
95th percentile per-packet one-way delay: 67.535 ms
Loss rate: 18.11%
-- Flow 1:
Average throughput: 411.04 Mbit/s
95th percentile per-packet one-way delay: 67.535 ms
Loss rate: 18.11%

Run 4: Report of FillP — Data Link

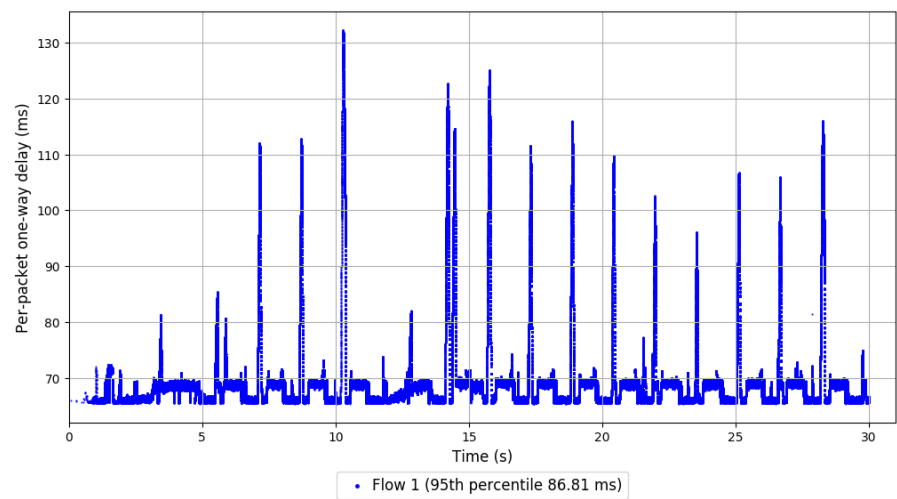
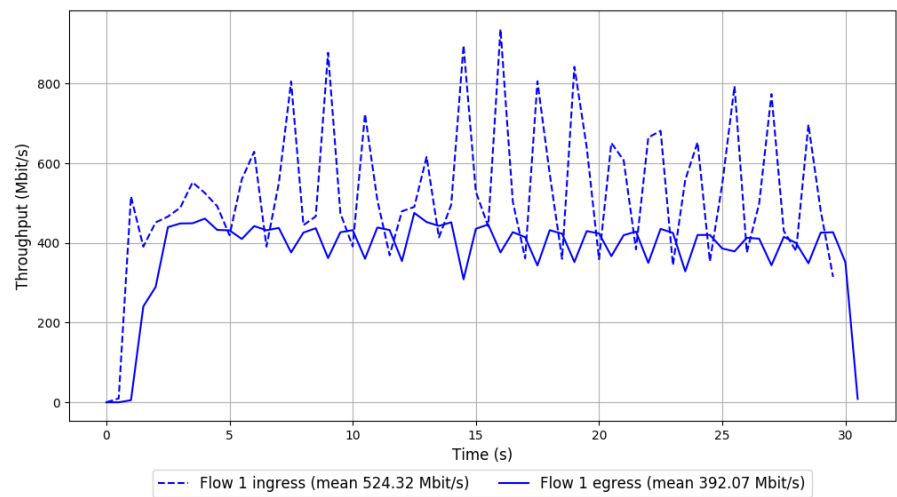


Run 5: Statistics of FillP

Start at: 2018-08-27 22:45:56
End at: 2018-08-27 22:46:26
Local clock offset: 0.29 ms
Remote clock offset: -29.476 ms

Below is generated by plot.py at 2018-08-28 00:59:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 392.07 Mbit/s
95th percentile per-packet one-way delay: 86.814 ms
Loss rate: 25.22%
-- Flow 1:
Average throughput: 392.07 Mbit/s
95th percentile per-packet one-way delay: 86.814 ms
Loss rate: 25.22%

Run 5: Report of FillP — Data Link

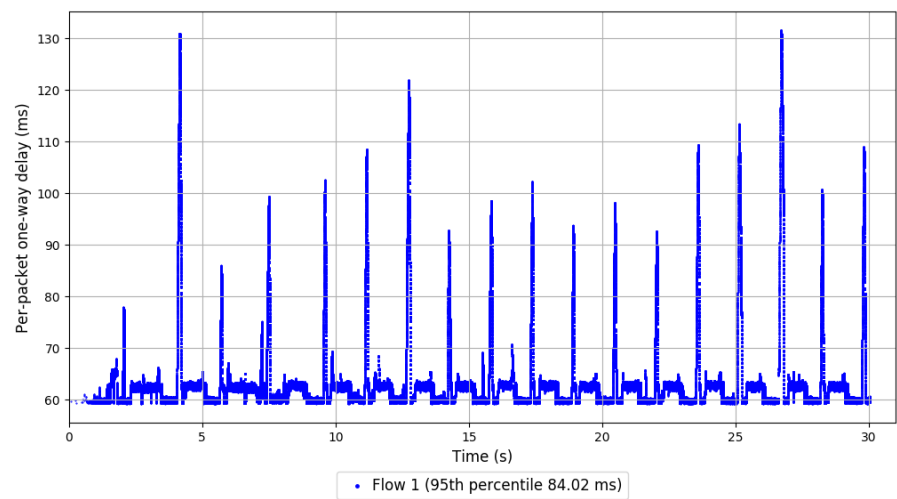
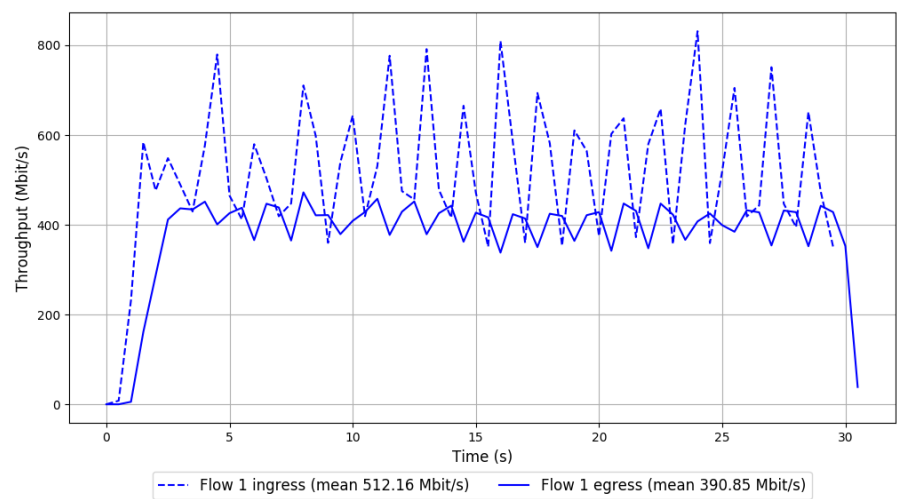


Run 6: Statistics of FillP

Start at: 2018-08-27 23:07:20
End at: 2018-08-27 23:07:51
Local clock offset: 0.304 ms
Remote clock offset: -36.115 ms

Below is generated by plot.py at 2018-08-28 00:59:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 390.85 Mbit/s
95th percentile per-packet one-way delay: 84.021 ms
Loss rate: 23.68%
-- Flow 1:
Average throughput: 390.85 Mbit/s
95th percentile per-packet one-way delay: 84.021 ms
Loss rate: 23.68%

Run 6: Report of FillP — Data Link

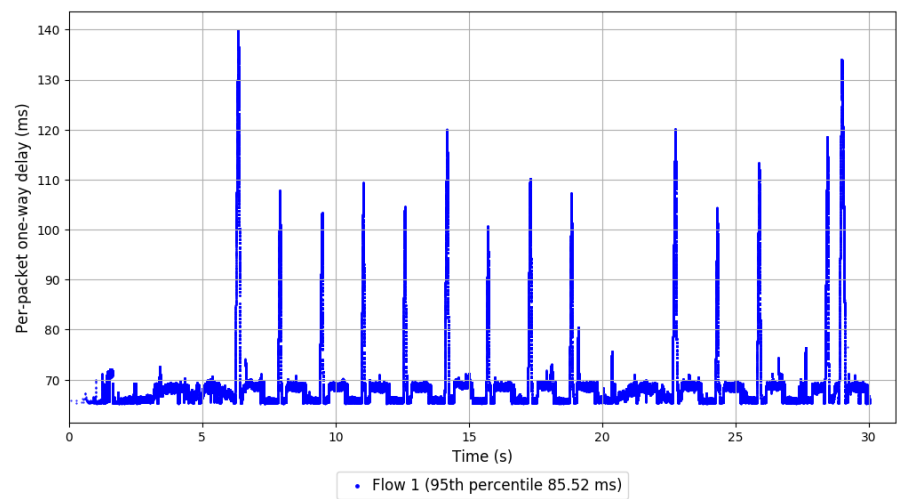
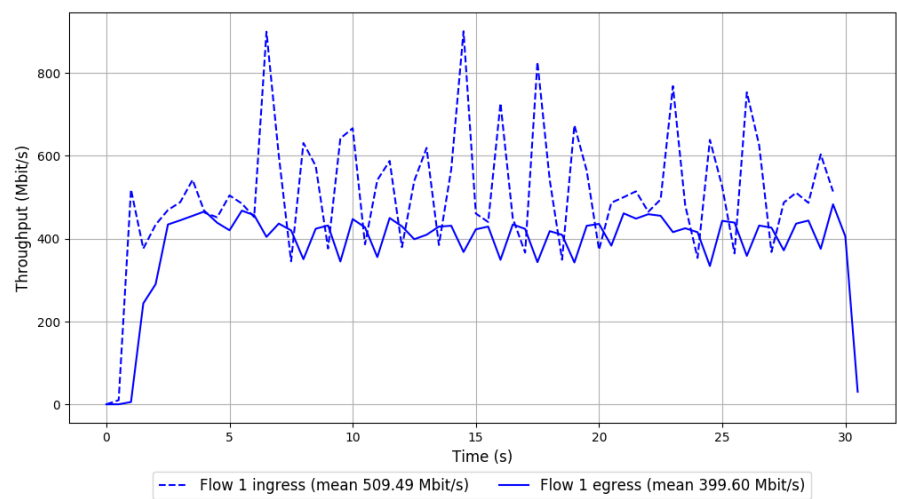


Run 7: Statistics of FillP

Start at: 2018-08-27 23:28:45
End at: 2018-08-27 23:29:15
Local clock offset: -0.118 ms
Remote clock offset: -31.078 ms

Below is generated by plot.py at 2018-08-28 00:59:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 399.60 Mbit/s
95th percentile per-packet one-way delay: 85.515 ms
Loss rate: 21.57%
-- Flow 1:
Average throughput: 399.60 Mbit/s
95th percentile per-packet one-way delay: 85.515 ms
Loss rate: 21.57%

Run 7: Report of FillP — Data Link

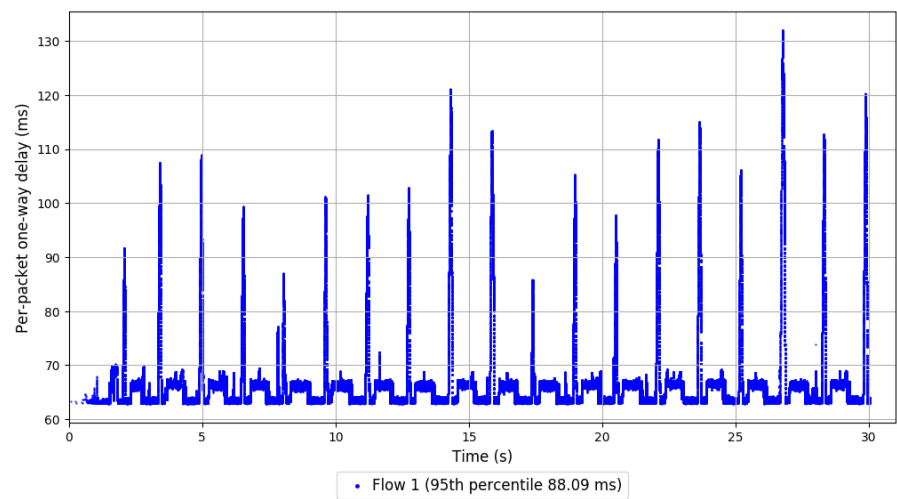
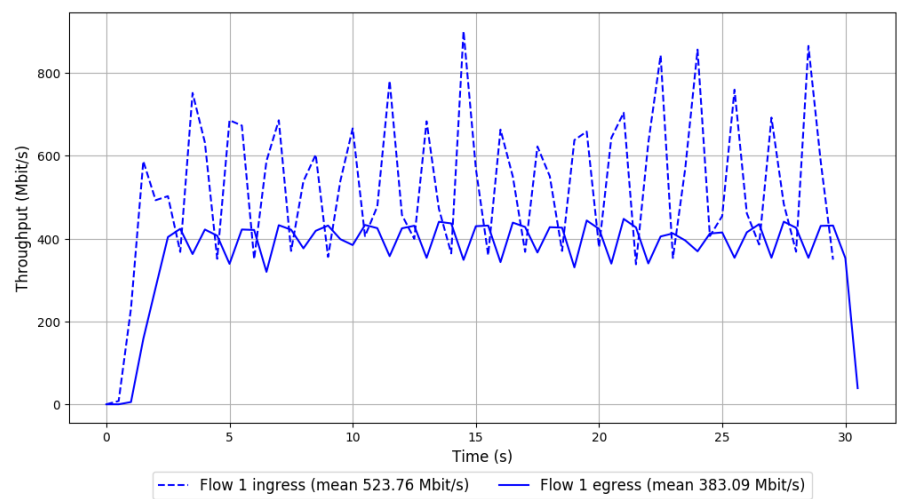


Run 8: Statistics of FillP

Start at: 2018-08-27 23:55:54
End at: 2018-08-27 23:56:24
Local clock offset: 4.061 ms
Remote clock offset: -31.886 ms

Below is generated by plot.py at 2018-08-28 00:59:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 383.09 Mbit/s
95th percentile per-packet one-way delay: 88.090 ms
Loss rate: 26.86%
-- Flow 1:
Average throughput: 383.09 Mbit/s
95th percentile per-packet one-way delay: 88.090 ms
Loss rate: 26.86%

Run 8: Report of FillP — Data Link

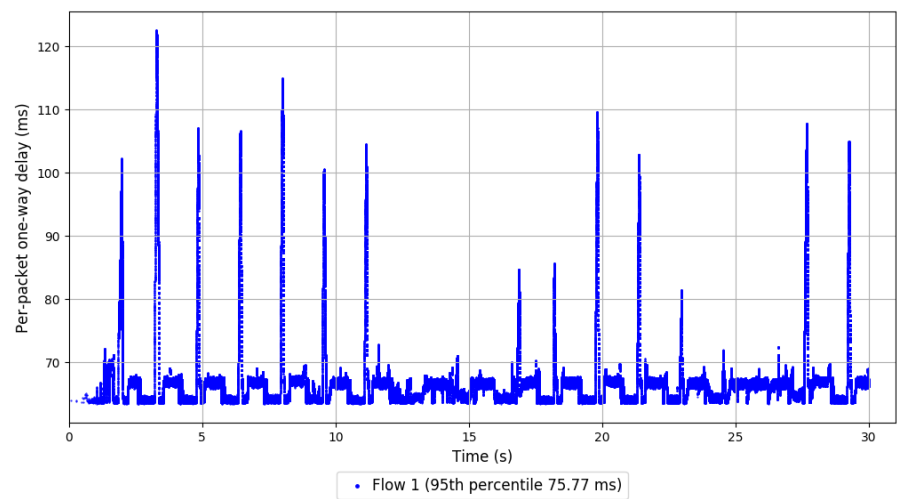
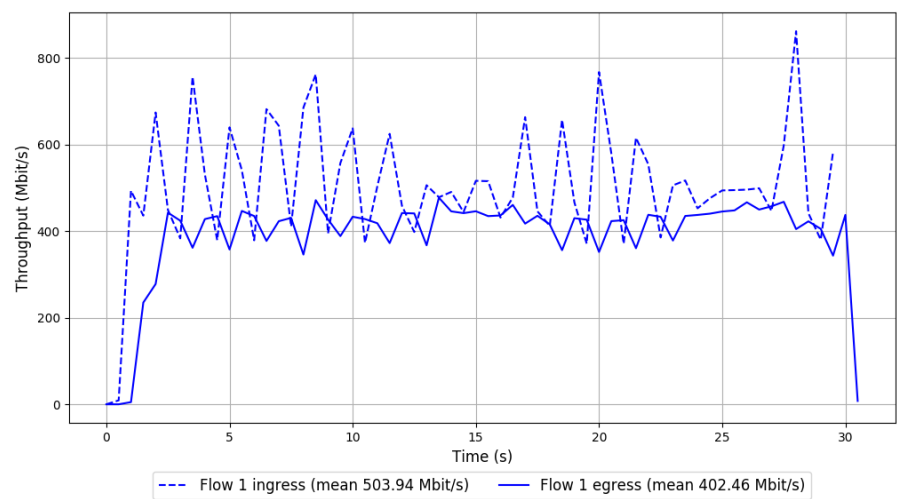


Run 9: Statistics of FillP

Start at: 2018-08-28 00:17:25
End at: 2018-08-28 00:17:55
Local clock offset: 4.825 ms
Remote clock offset: -33.677 ms

Below is generated by plot.py at 2018-08-28 01:03:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 402.46 Mbit/s
95th percentile per-packet one-way delay: 75.766 ms
Loss rate: 20.14%
-- Flow 1:
Average throughput: 402.46 Mbit/s
95th percentile per-packet one-way delay: 75.766 ms
Loss rate: 20.14%

Run 9: Report of FillP — Data Link

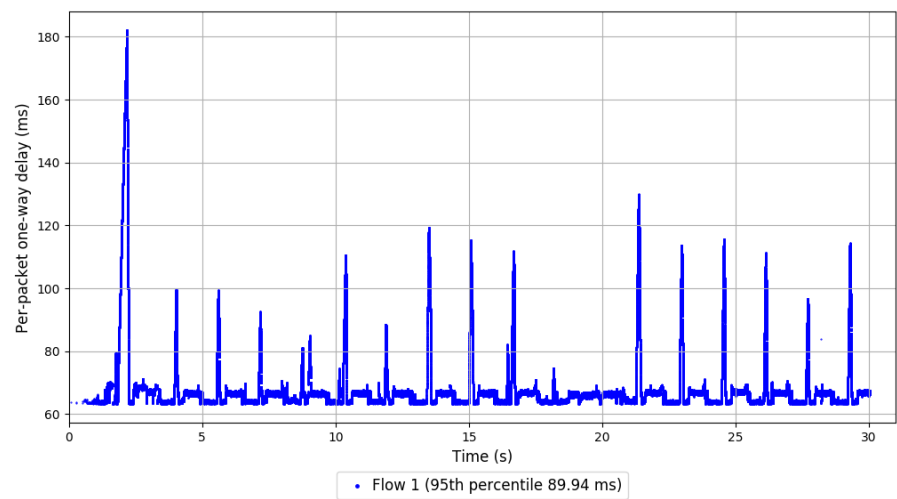
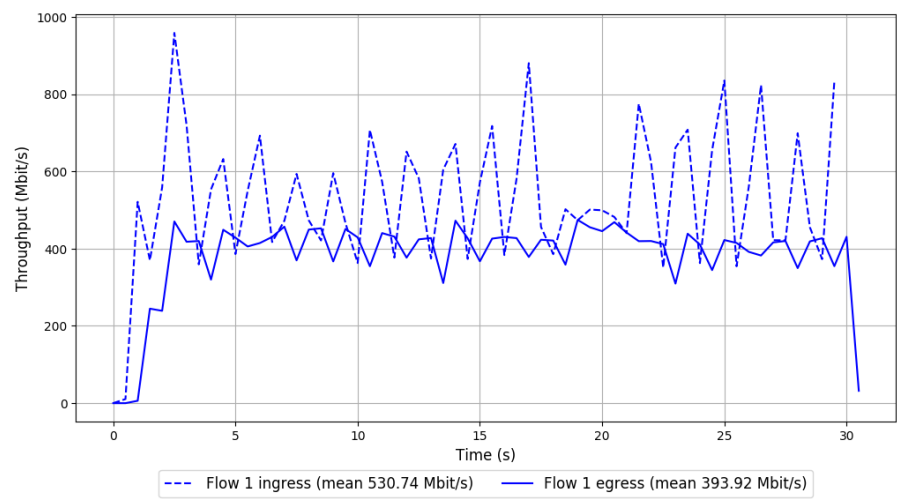


Run 10: Statistics of FillP

Start at: 2018-08-28 00:38:56
End at: 2018-08-28 00:39:26
Local clock offset: 2.159 ms
Remote clock offset: -35.971 ms

Below is generated by plot.py at 2018-08-28 01:03:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 393.92 Mbit/s
95th percentile per-packet one-way delay: 89.940 ms
Loss rate: 25.77%
-- Flow 1:
Average throughput: 393.92 Mbit/s
95th percentile per-packet one-way delay: 89.940 ms
Loss rate: 25.77%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-08-27 20:47:23

End at: 2018-08-27 20:47:53

Local clock offset: -0.438 ms

Remote clock offset: -40.921 ms

Below is generated by plot.py at 2018-08-28 01:04:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 434.43 Mbit/s

95th percentile per-packet one-way delay: 61.036 ms

Loss rate: 8.93%

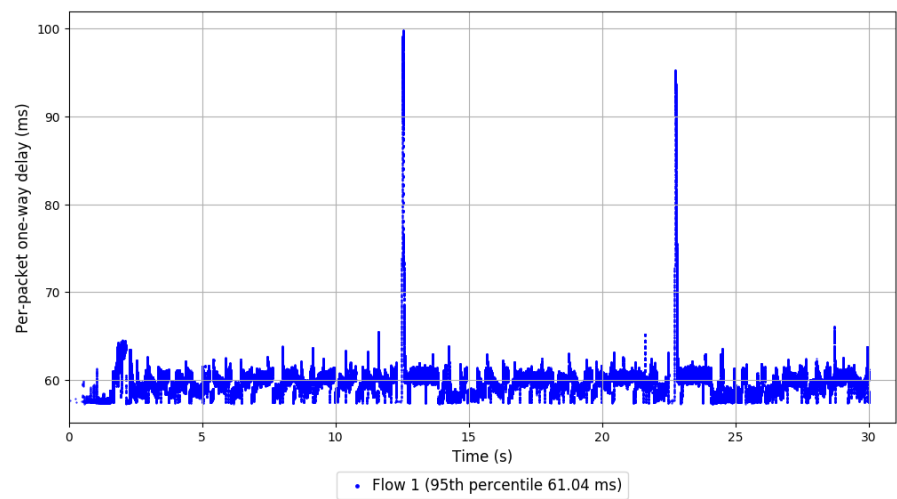
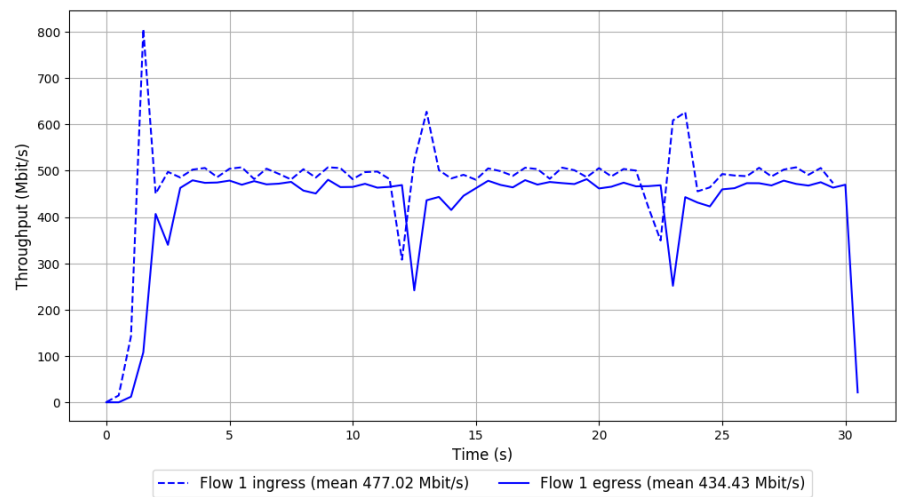
-- Flow 1:

Average throughput: 434.43 Mbit/s

95th percentile per-packet one-way delay: 61.036 ms

Loss rate: 8.93%

Run 1: Report of FillP-Sheep — Data Link

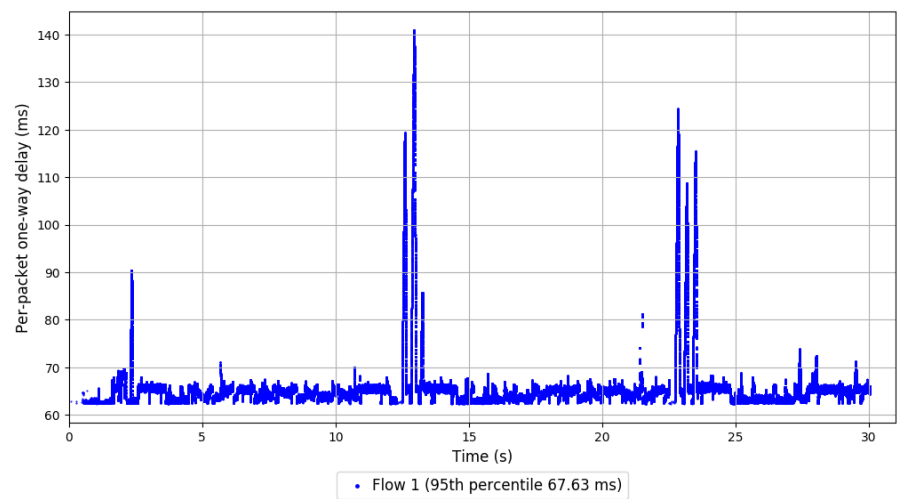
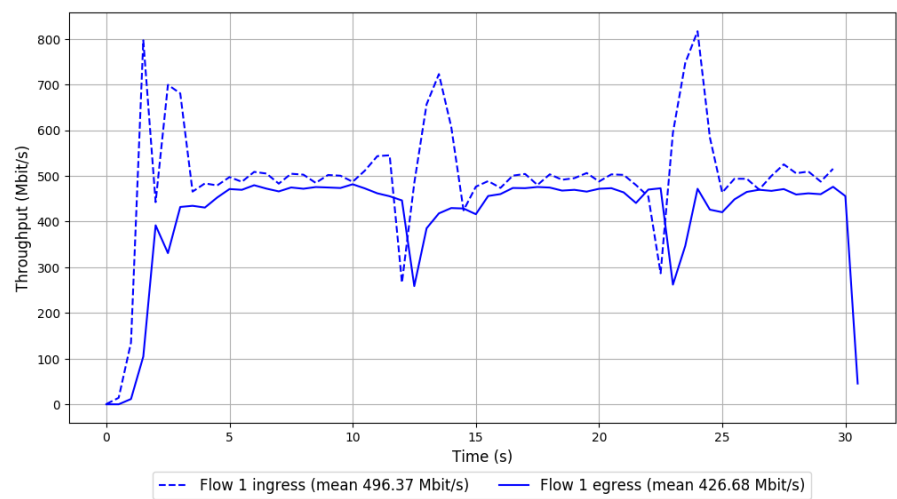


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-27 21:14:19
End at: 2018-08-27 21:14:49
Local clock offset: 0.289 ms
Remote clock offset: -38.013 ms

Below is generated by plot.py at 2018-08-28 01:04:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 426.68 Mbit/s
95th percentile per-packet one-way delay: 67.632 ms
Loss rate: 14.04%
-- Flow 1:
Average throughput: 426.68 Mbit/s
95th percentile per-packet one-way delay: 67.632 ms
Loss rate: 14.04%

Run 2: Report of FillP-Sheep — Data Link

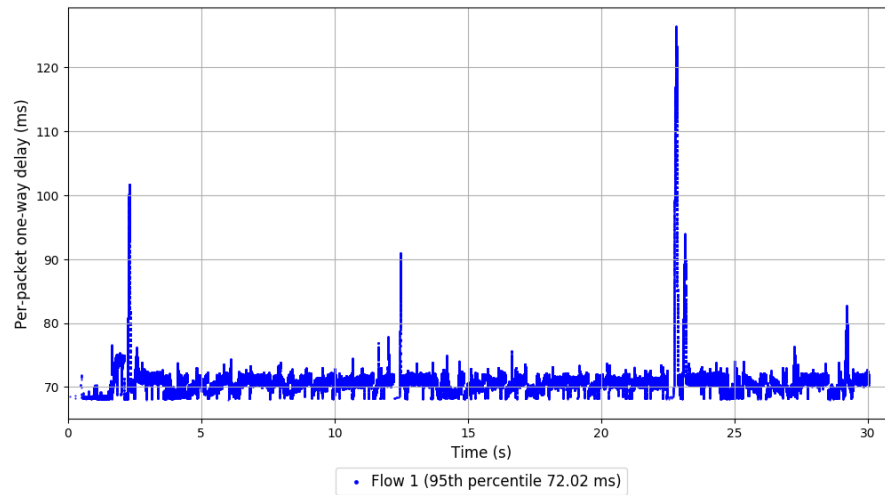
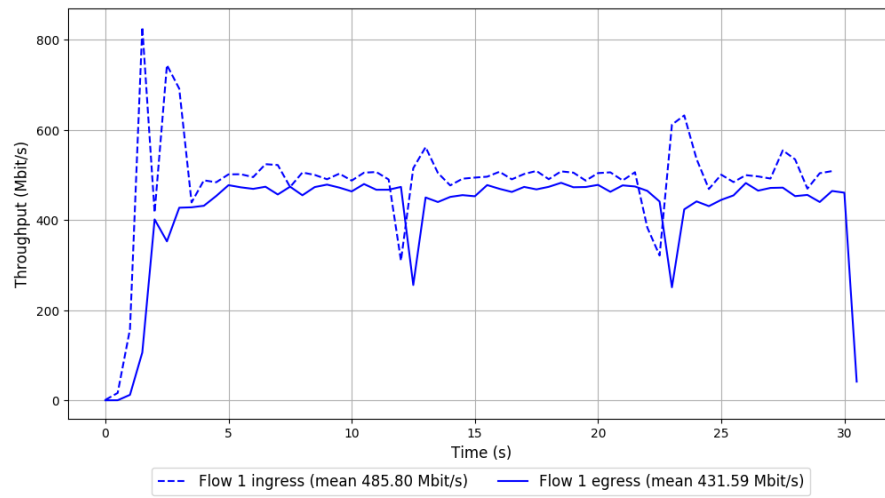


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-27 21:47:00
End at: 2018-08-27 21:47:30
Local clock offset: -0.54 ms
Remote clock offset: -29.224 ms

Below is generated by plot.py at 2018-08-28 01:05:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 431.59 Mbit/s
95th percentile per-packet one-way delay: 72.018 ms
Loss rate: 11.15%
-- Flow 1:
Average throughput: 431.59 Mbit/s
95th percentile per-packet one-way delay: 72.018 ms
Loss rate: 11.15%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-08-27 22:08:36

End at: 2018-08-27 22:09:06

Local clock offset: 0.834 ms

Remote clock offset: -32.187 ms

Below is generated by plot.py at 2018-08-28 01:05:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 425.60 Mbit/s

95th percentile per-packet one-way delay: 69.129 ms

Loss rate: 13.29%

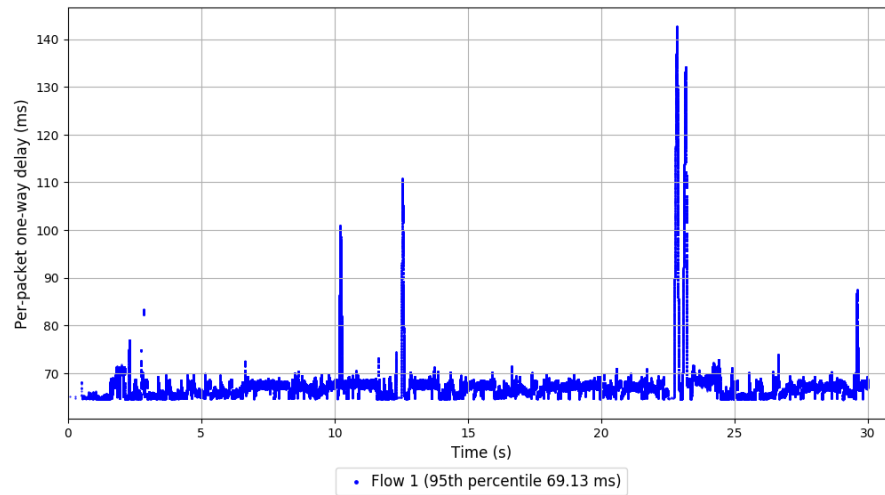
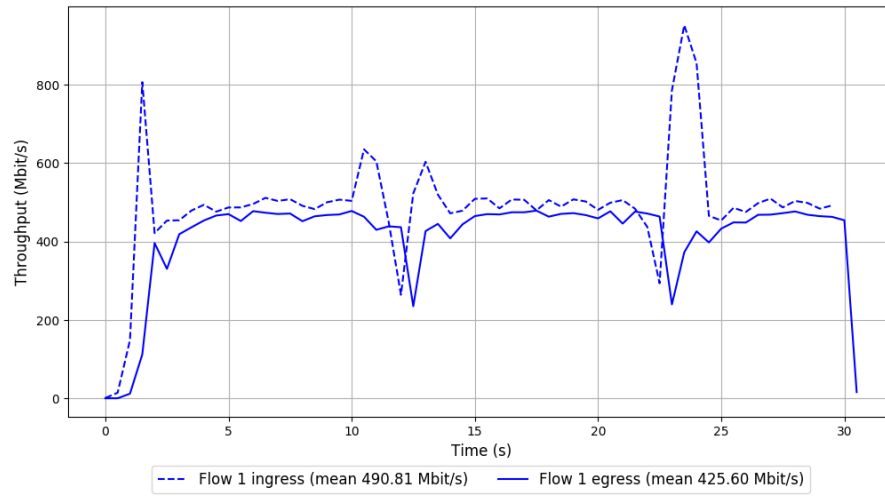
-- Flow 1:

Average throughput: 425.60 Mbit/s

95th percentile per-packet one-way delay: 69.129 ms

Loss rate: 13.29%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-08-27 22:30:07

End at: 2018-08-27 22:30:37

Local clock offset: -3.557 ms

Remote clock offset: -33.767 ms

Below is generated by plot.py at 2018-08-28 01:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 420.67 Mbit/s

95th percentile per-packet one-way delay: 67.873 ms

Loss rate: 13.74%

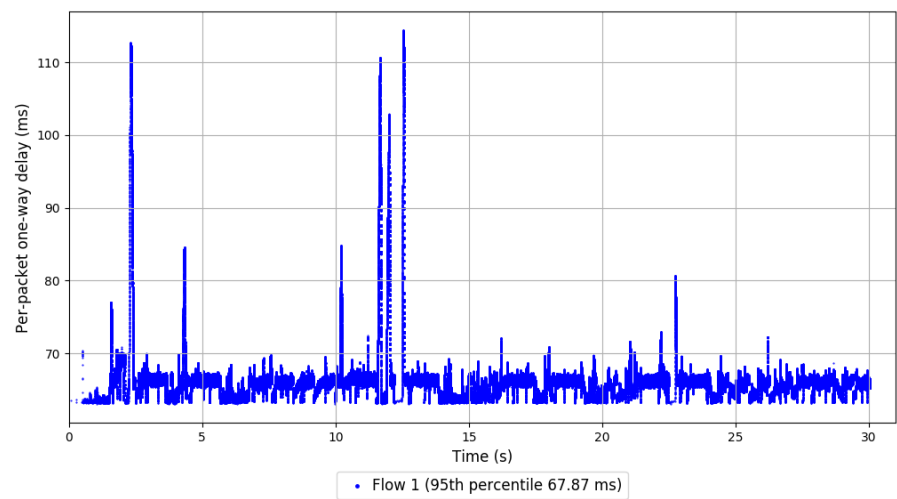
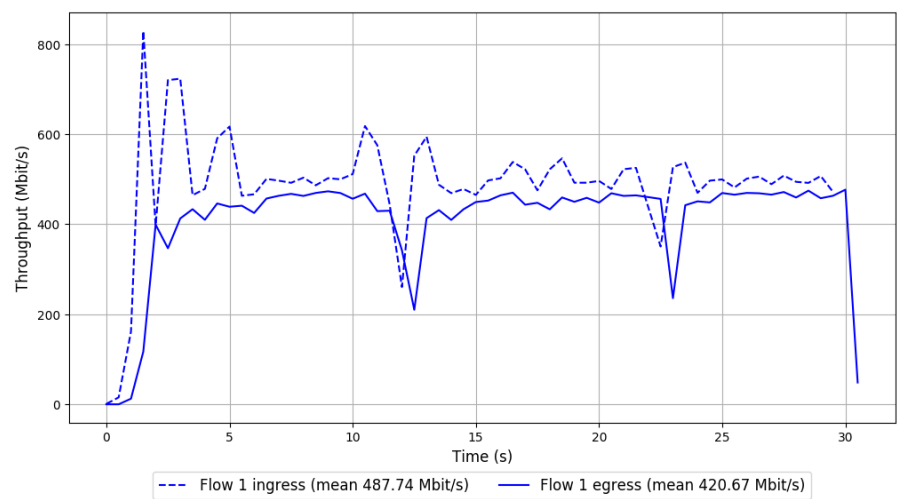
-- Flow 1:

Average throughput: 420.67 Mbit/s

95th percentile per-packet one-way delay: 67.873 ms

Loss rate: 13.74%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-08-27 22:57:15

End at: 2018-08-27 22:57:45

Local clock offset: 0.467 ms

Remote clock offset: -35.584 ms

Below is generated by plot.py at 2018-08-28 01:06:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 433.23 Mbit/s

95th percentile per-packet one-way delay: 66.346 ms

Loss rate: 9.47%

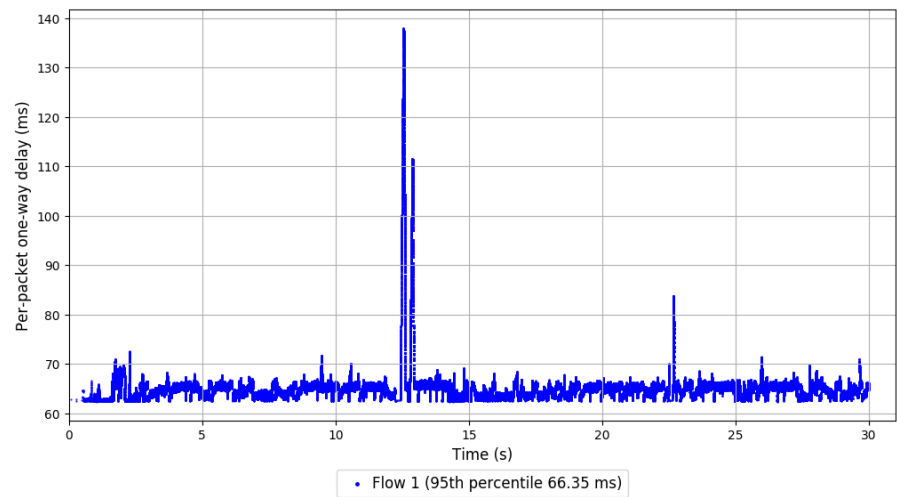
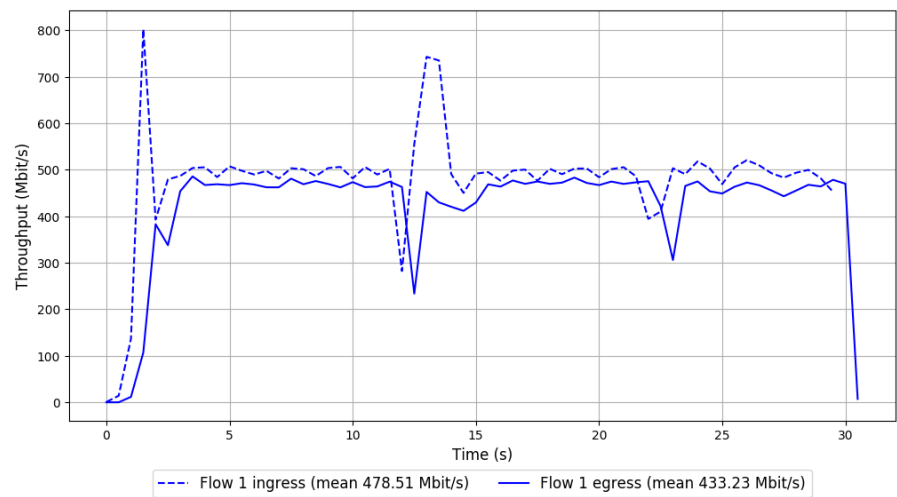
-- Flow 1:

Average throughput: 433.23 Mbit/s

95th percentile per-packet one-way delay: 66.346 ms

Loss rate: 9.47%

Run 6: Report of FillP-Sheep — Data Link

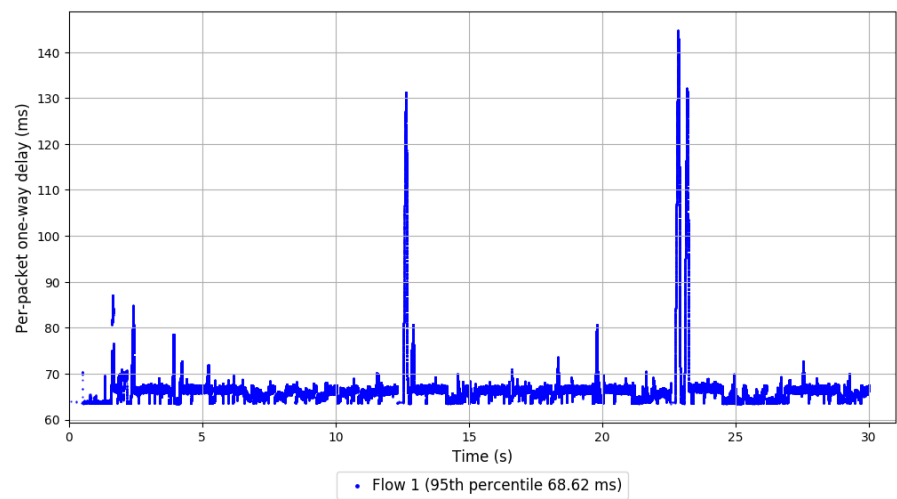
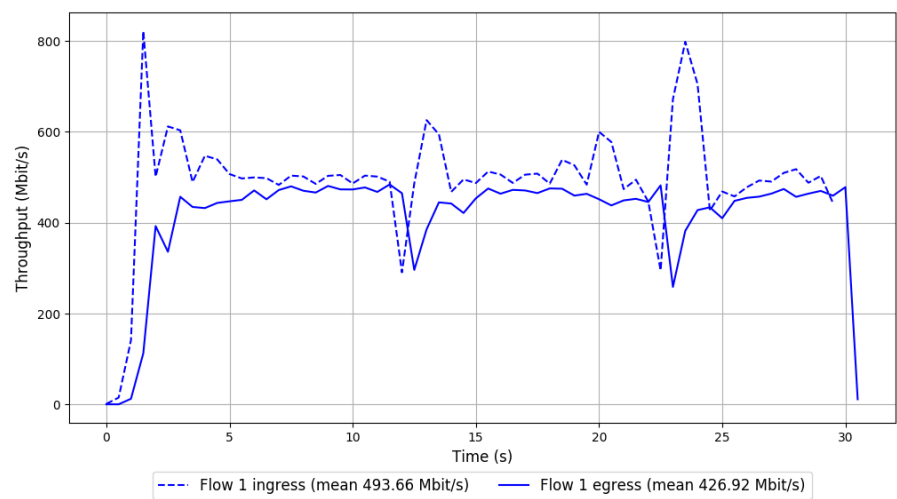


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-27 23:18:38
End at: 2018-08-27 23:19:08
Local clock offset: 0.936 ms
Remote clock offset: -31.638 ms

Below is generated by plot.py at 2018-08-28 01:10:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 426.92 Mbit/s
95th percentile per-packet one-way delay: 68.624 ms
Loss rate: 13.51%
-- Flow 1:
Average throughput: 426.92 Mbit/s
95th percentile per-packet one-way delay: 68.624 ms
Loss rate: 13.51%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-08-27 23:40:09

End at: 2018-08-27 23:40:39

Local clock offset: 1.26 ms

Remote clock offset: -37.371 ms

Below is generated by plot.py at 2018-08-28 01:10:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 424.24 Mbit/s

95th percentile per-packet one-way delay: 65.440 ms

Loss rate: 13.74%

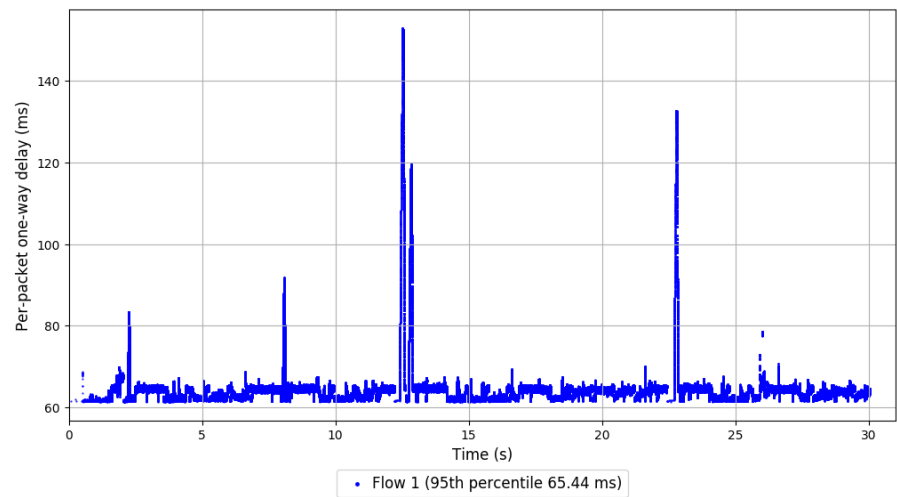
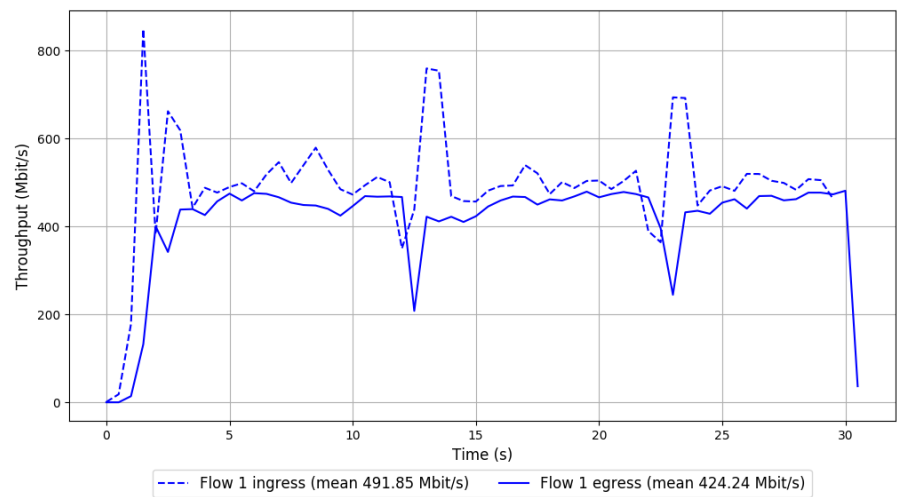
-- Flow 1:

Average throughput: 424.24 Mbit/s

95th percentile per-packet one-way delay: 65.440 ms

Loss rate: 13.74%

Run 8: Report of FillP-Sheep — Data Link

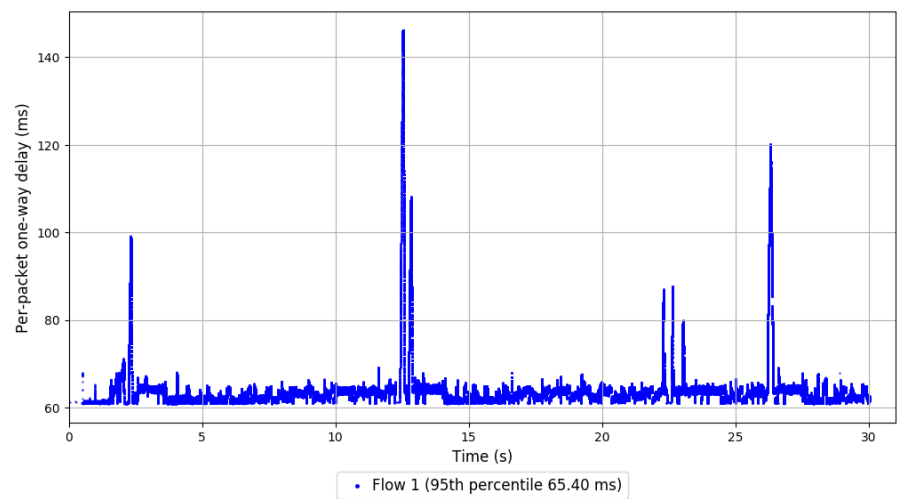
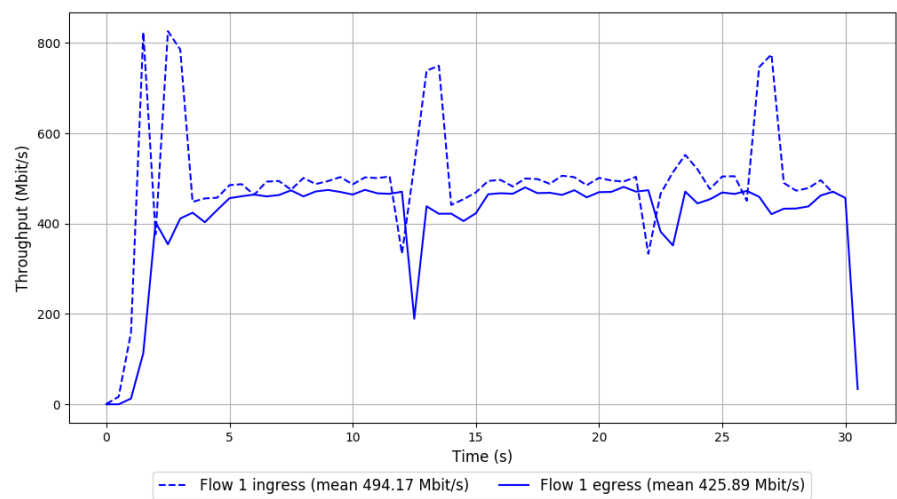


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-28 00:07:16
End at: 2018-08-28 00:07:46
Local clock offset: 3.053 ms
Remote clock offset: -35.113 ms

Below is generated by plot.py at 2018-08-28 01:10:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 425.89 Mbit/s
95th percentile per-packet one-way delay: 65.402 ms
Loss rate: 13.81%
-- Flow 1:
Average throughput: 425.89 Mbit/s
95th percentile per-packet one-way delay: 65.402 ms
Loss rate: 13.81%

Run 9: Report of FillP-Sheep — Data Link

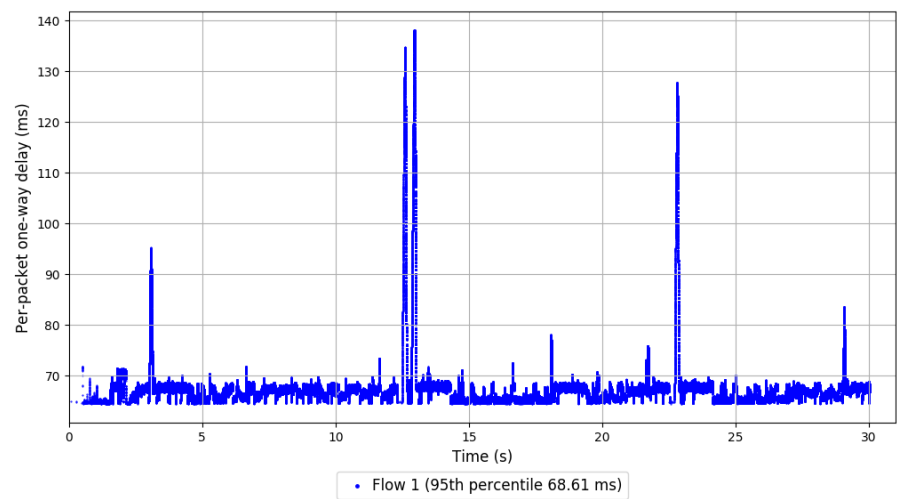
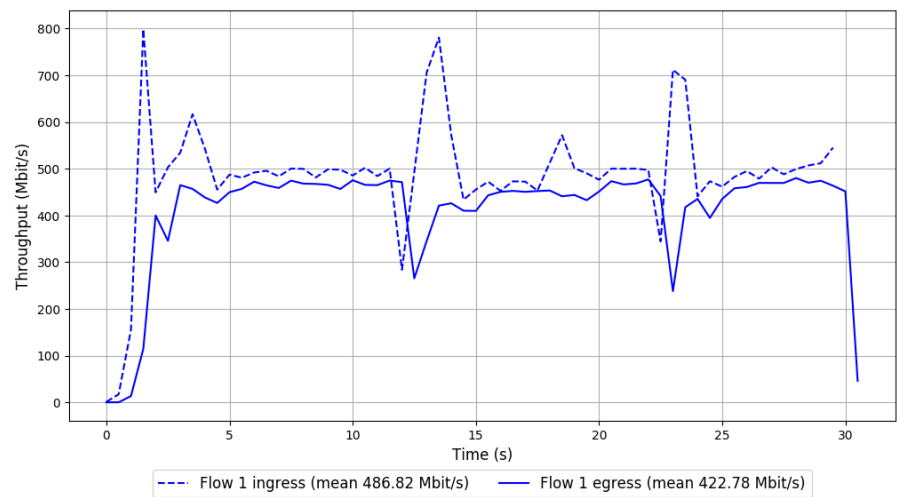


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-28 00:28:44
End at: 2018-08-28 00:29:14
Local clock offset: -0.076 ms
Remote clock offset: -38.286 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 422.78 Mbit/s
95th percentile per-packet one-way delay: 68.614 ms
Loss rate: 13.15%
-- Flow 1:
Average throughput: 422.78 Mbit/s
95th percentile per-packet one-way delay: 68.614 ms
Loss rate: 13.15%

Run 10: Report of FillP-Sheep — Data Link

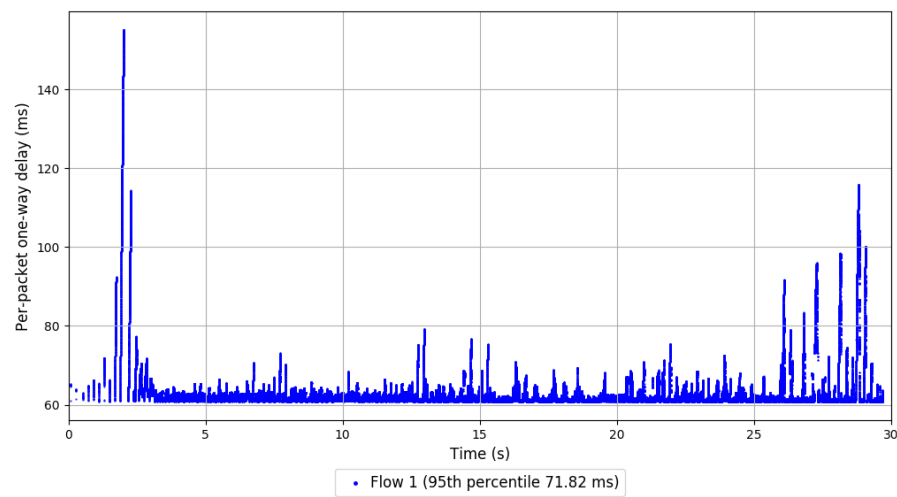
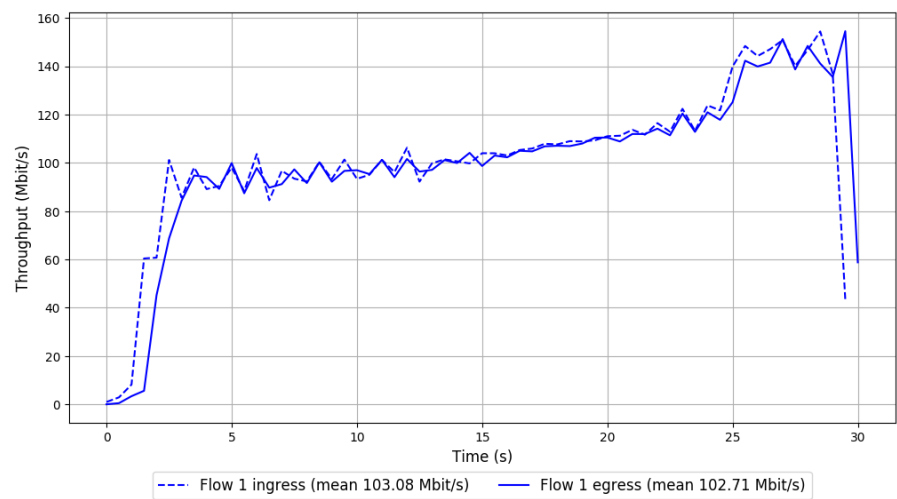


Run 1: Statistics of Indigo

Start at: 2018-08-27 20:56:14
End at: 2018-08-27 20:56:44
Local clock offset: 2.014 ms
Remote clock offset: -34.581 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.71 Mbit/s
95th percentile per-packet one-way delay: 71.817 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 102.71 Mbit/s
95th percentile per-packet one-way delay: 71.817 ms
Loss rate: 0.36%

Run 1: Report of Indigo — Data Link

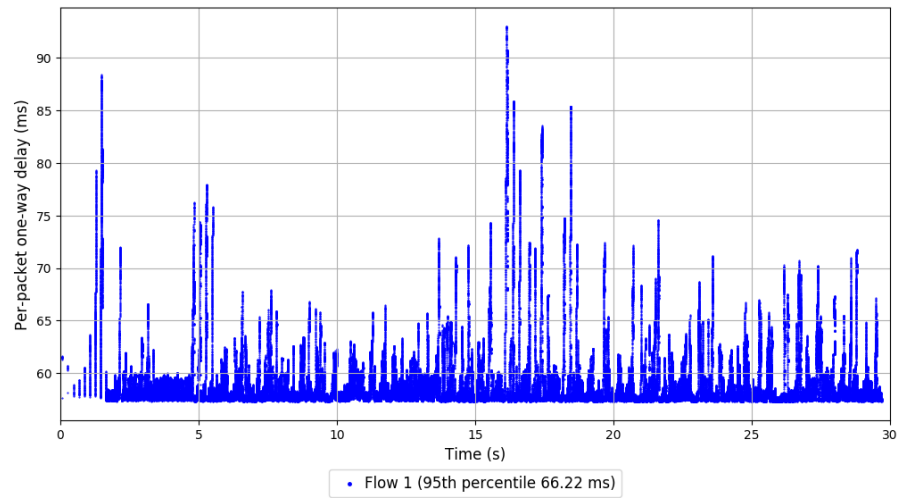
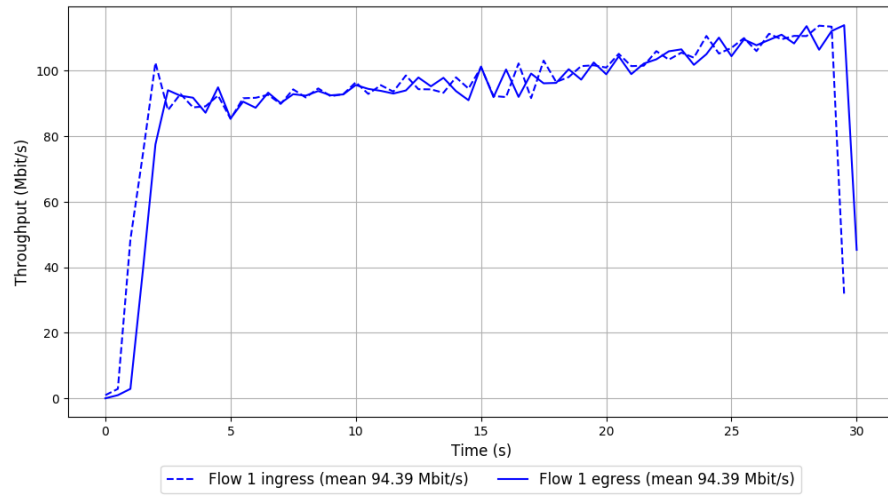


Run 2: Statistics of Indigo

Start at: 2018-08-27 21:28:54
End at: 2018-08-27 21:29:24
Local clock offset: 2.596 ms
Remote clock offset: -37.555 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.39 Mbit/s
95th percentile per-packet one-way delay: 66.216 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.39 Mbit/s
95th percentile per-packet one-way delay: 66.216 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

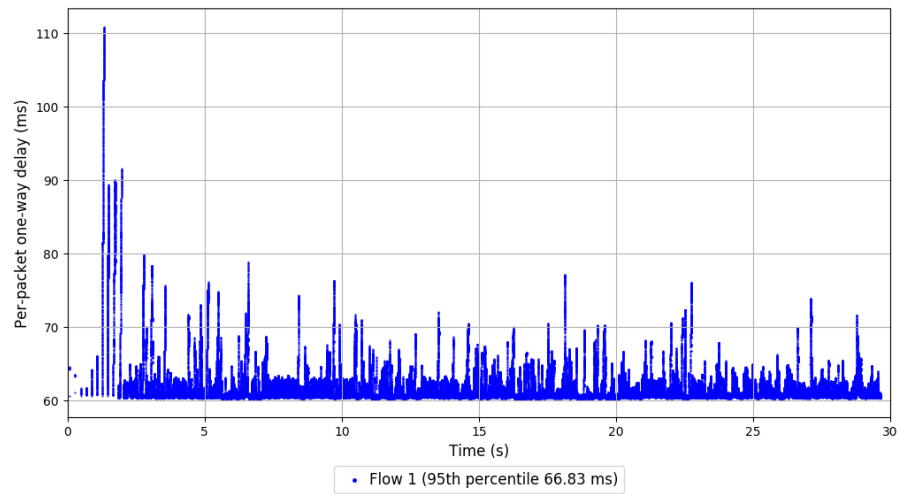
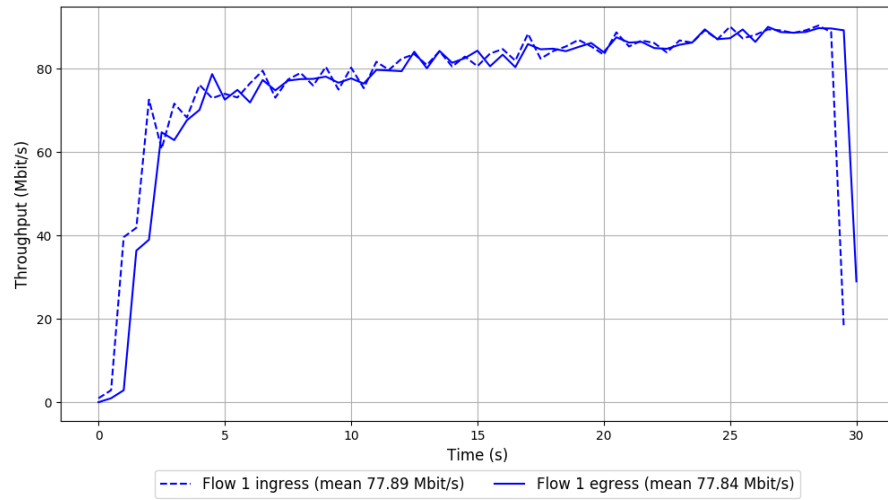


Run 3: Statistics of Indigo

Start at: 2018-08-27 21:55:57
End at: 2018-08-27 21:56:28
Local clock offset: 2.312 ms
Remote clock offset: -33.829 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 66.830 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 66.830 ms
Loss rate: 0.07%

Run 3: Report of Indigo — Data Link

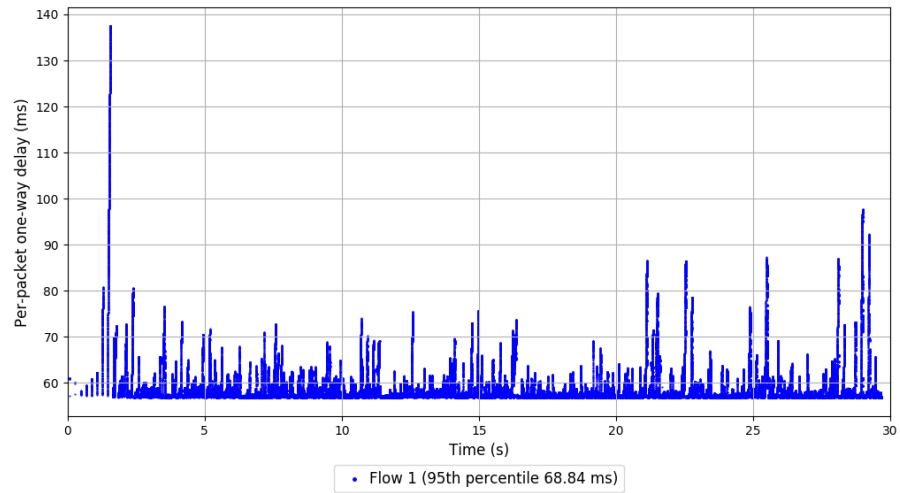
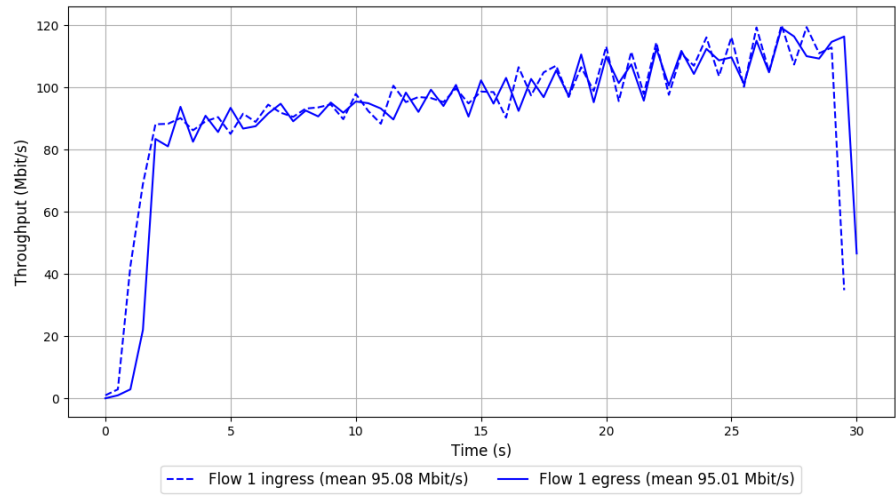


Run 4: Statistics of Indigo

Start at: 2018-08-27 22:17:32
End at: 2018-08-27 22:18:02
Local clock offset: 0.031 ms
Remote clock offset: -37.391 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 68.840 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 68.840 ms
Loss rate: 0.08%

Run 4: Report of Indigo — Data Link

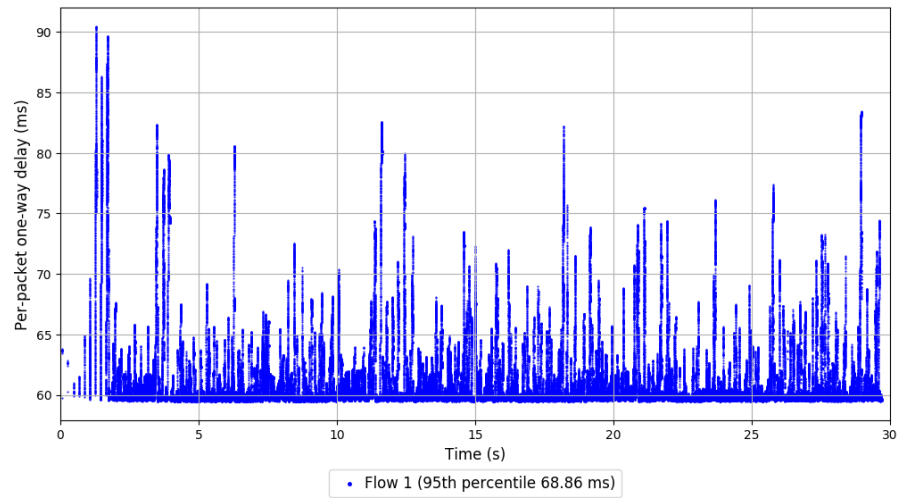
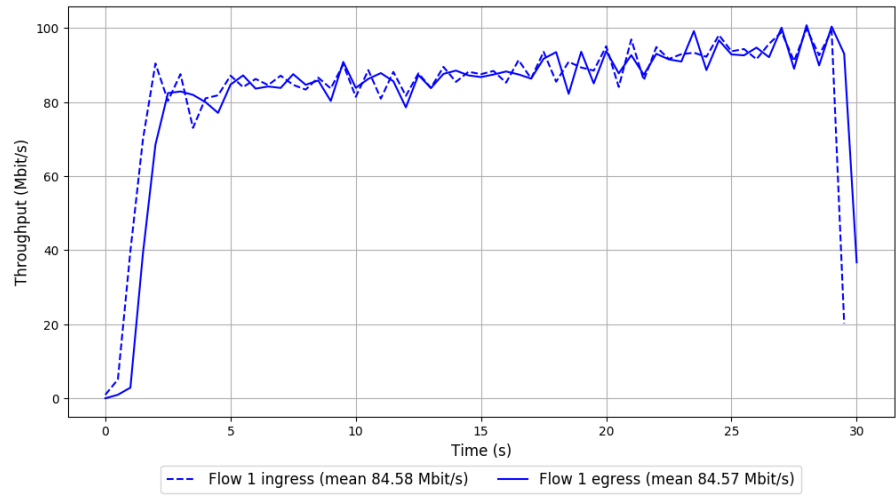


Run 5: Statistics of Indigo

Start at: 2018-08-27 22:44:41
End at: 2018-08-27 22:45:11
Local clock offset: -0.645 ms
Remote clock offset: -36.172 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.57 Mbit/s
95th percentile per-packet one-way delay: 68.863 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.57 Mbit/s
95th percentile per-packet one-way delay: 68.863 ms
Loss rate: 0.02%

Run 5: Report of Indigo — Data Link

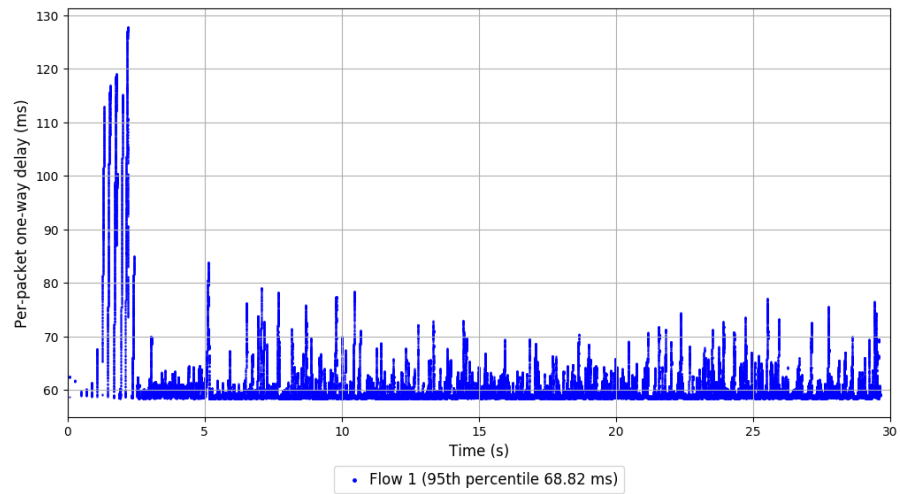
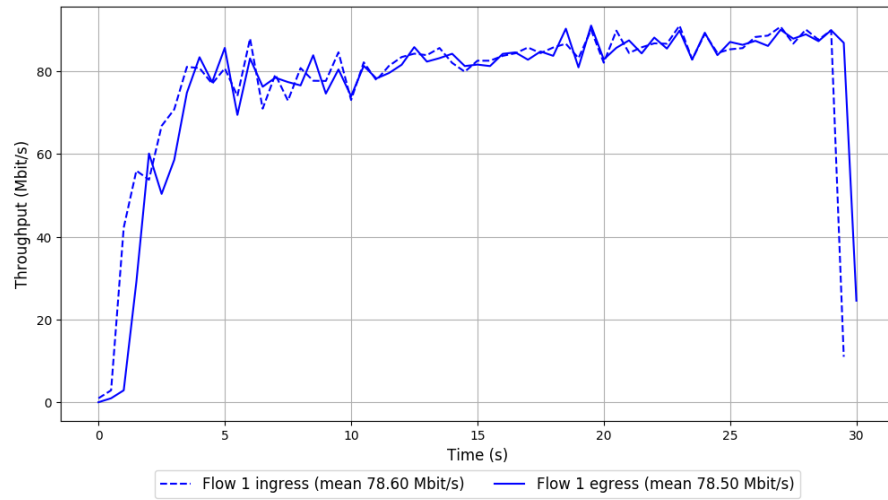


Run 6: Statistics of Indigo

Start at: 2018-08-27 23:06:06
End at: 2018-08-27 23:06:36
Local clock offset: 2.542 ms
Remote clock offset: -34.947 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.50 Mbit/s
95th percentile per-packet one-way delay: 68.823 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 78.50 Mbit/s
95th percentile per-packet one-way delay: 68.823 ms
Loss rate: 0.12%

Run 6: Report of Indigo — Data Link

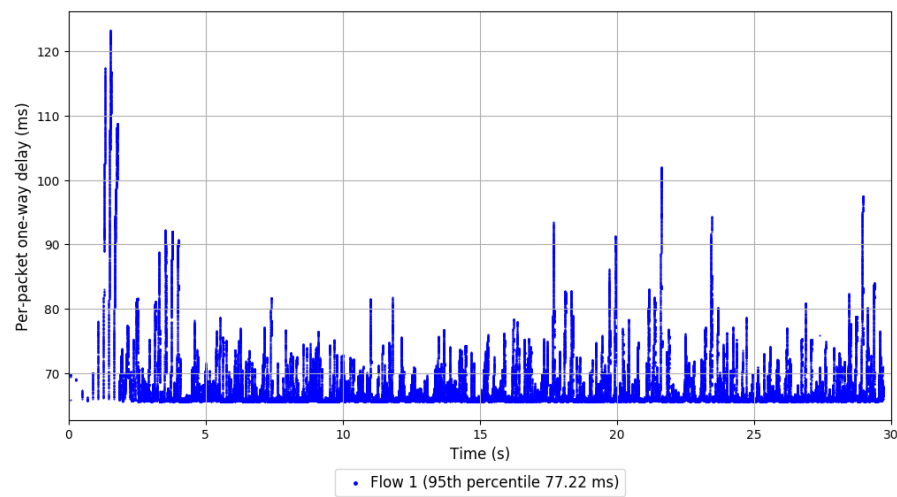
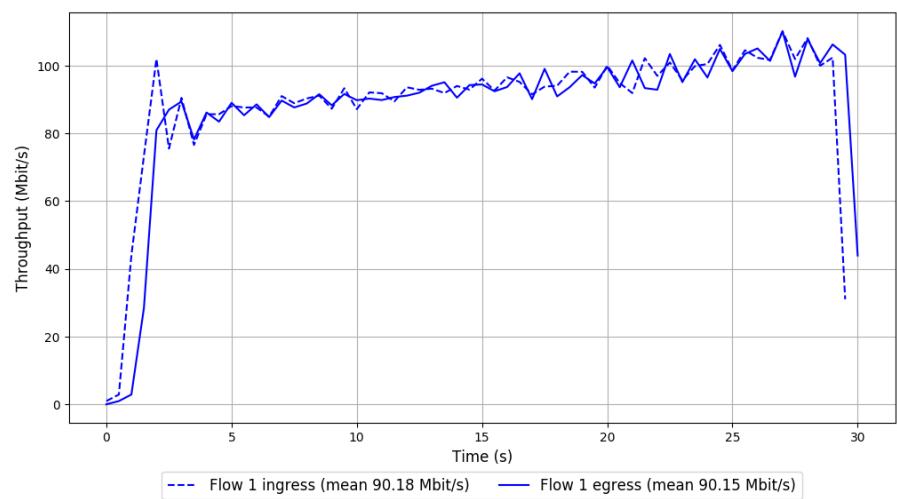


Run 7: Statistics of Indigo

Start at: 2018-08-27 23:27:30
End at: 2018-08-27 23:28:00
Local clock offset: 0.14 ms
Remote clock offset: -30.467 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 77.219 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 77.219 ms
Loss rate: 0.03%

Run 7: Report of Indigo — Data Link

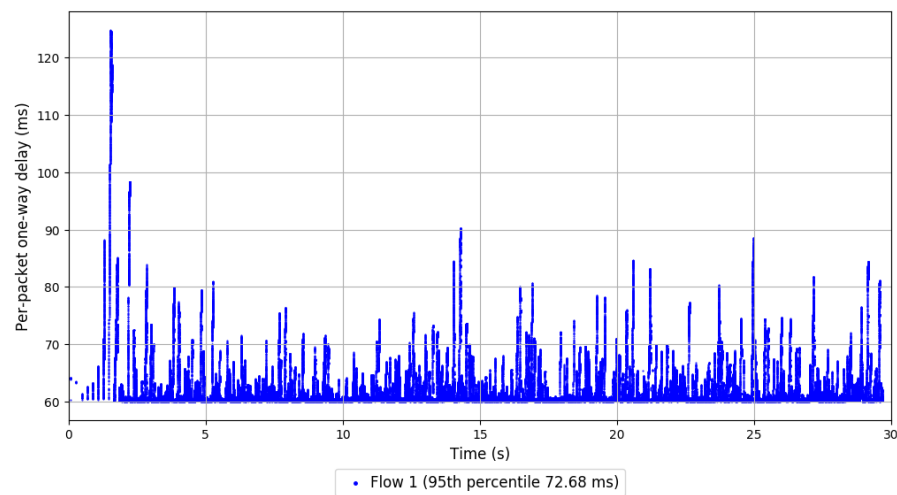
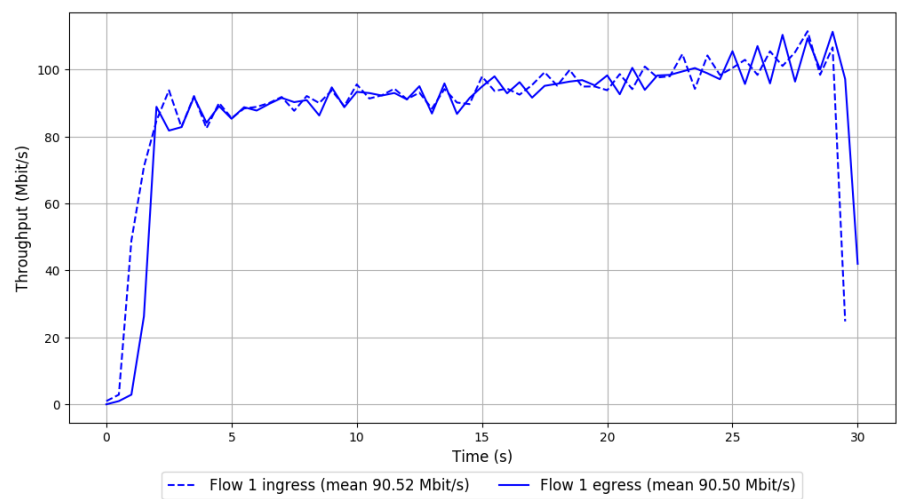


Run 8: Statistics of Indigo

Start at: 2018-08-27 23:54:39
End at: 2018-08-27 23:55:09
Local clock offset: 1.144 ms
Remote clock offset: -37.549 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.50 Mbit/s
95th percentile per-packet one-way delay: 72.683 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 90.50 Mbit/s
95th percentile per-packet one-way delay: 72.683 ms
Loss rate: 0.03%

Run 8: Report of Indigo — Data Link

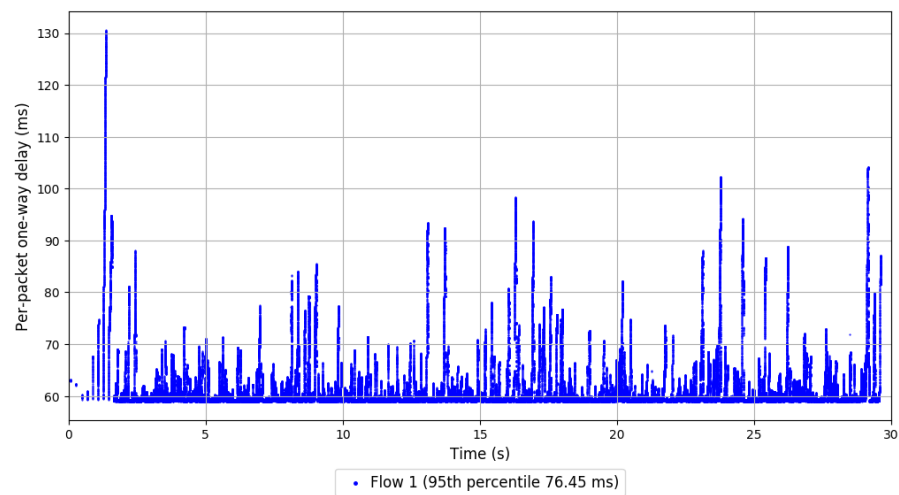
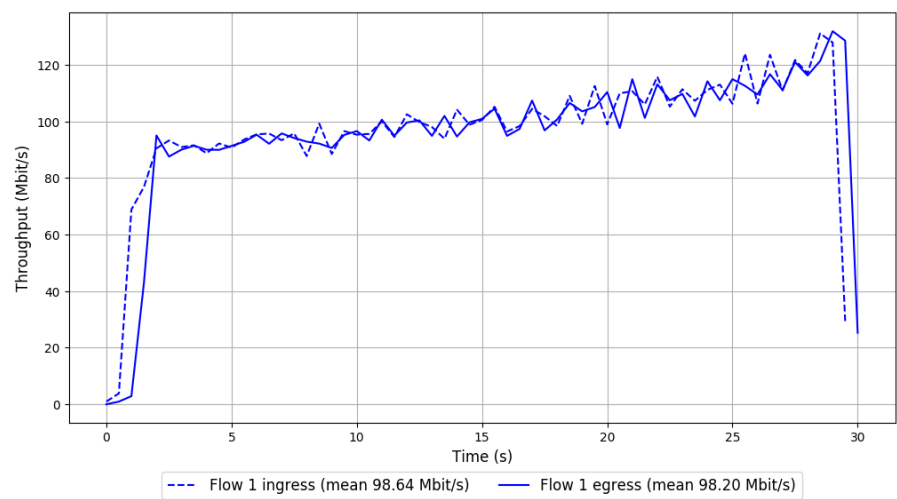


Run 9: Statistics of Indigo

Start at: 2018-08-28 00:16:09
End at: 2018-08-28 00:16:40
Local clock offset: 4.696 ms
Remote clock offset: -35.656 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 98.20 Mbit/s
95th percentile per-packet one-way delay: 76.447 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 98.20 Mbit/s
95th percentile per-packet one-way delay: 76.447 ms
Loss rate: 0.45%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-08-28 00:37:41

End at: 2018-08-28 00:38:11

Local clock offset: 3.625 ms

Remote clock offset: -38.286 ms

Below is generated by plot.py at 2018-08-28 01:10:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.59 Mbit/s

95th percentile per-packet one-way delay: 69.708 ms

Loss rate: 0.00%

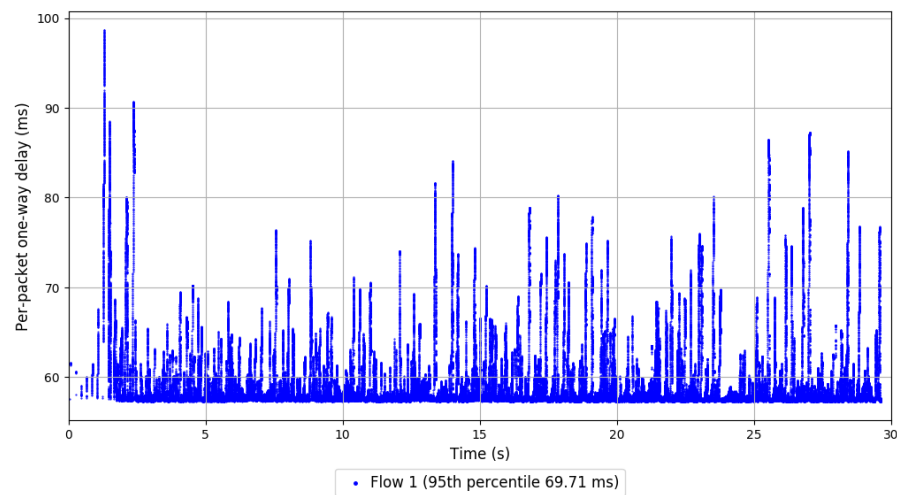
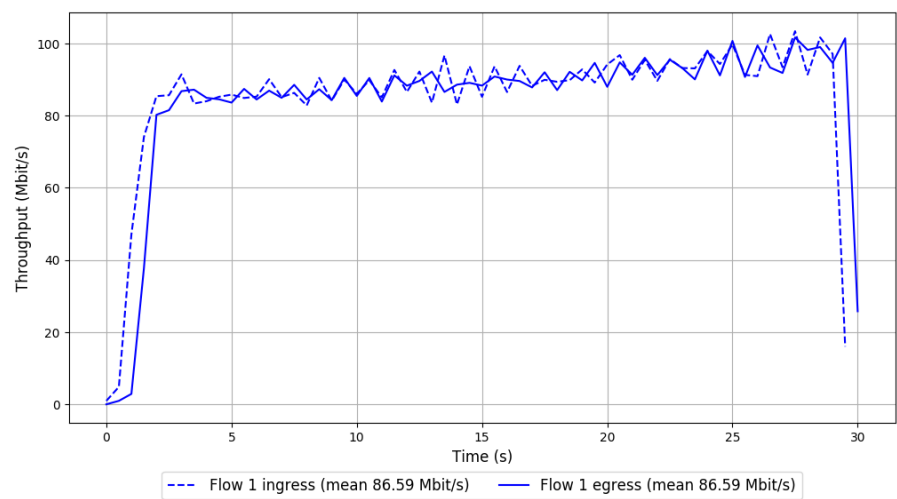
-- Flow 1:

Average throughput: 86.59 Mbit/s

95th percentile per-packet one-way delay: 69.708 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

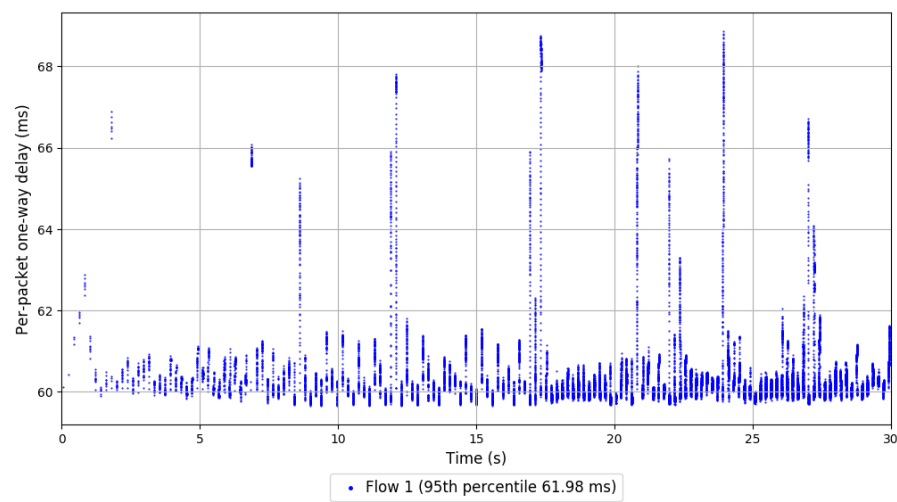
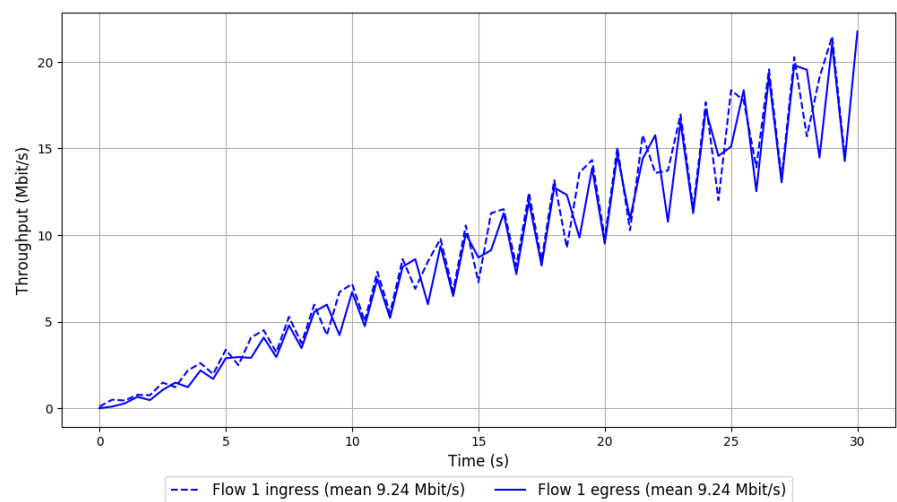


Run 1: Statistics of LEDBAT

Start at: 2018-08-27 20:41:15
End at: 2018-08-27 20:41:45
Local clock offset: -0.078 ms
Remote clock offset: -37.947 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 61.983 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 61.983 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

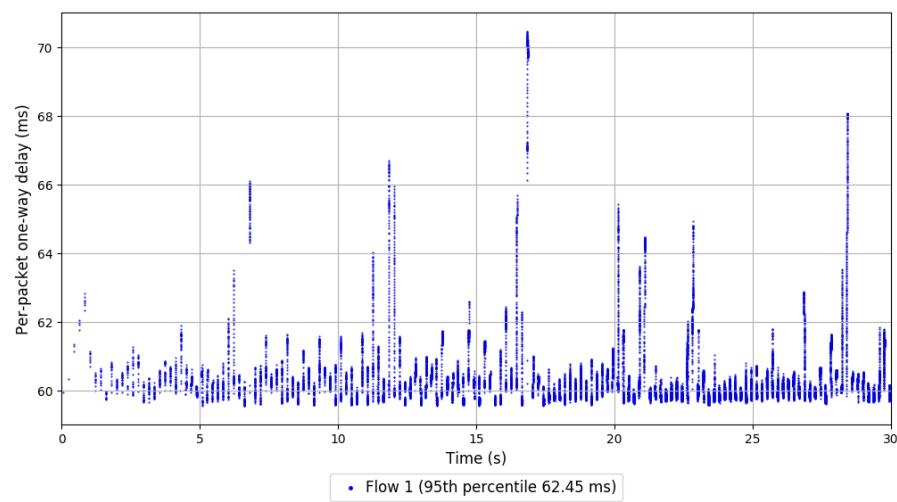
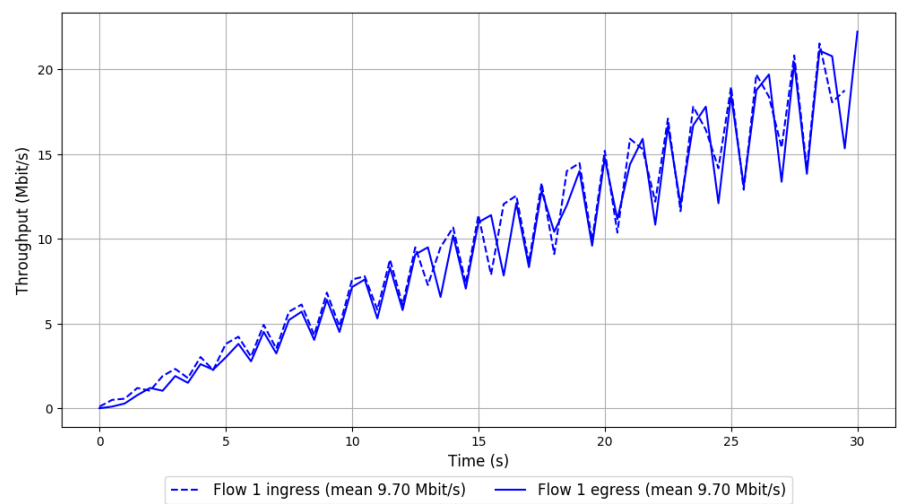


Run 2: Statistics of LEDBAT

Start at: 2018-08-27 21:02:45
End at: 2018-08-27 21:03:15
Local clock offset: 0.622 ms
Remote clock offset: -37.629 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 62.452 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 62.452 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

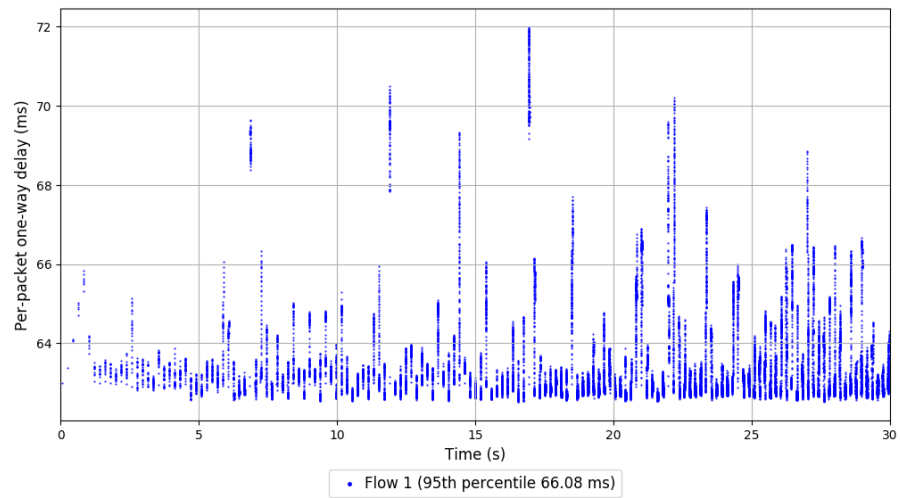
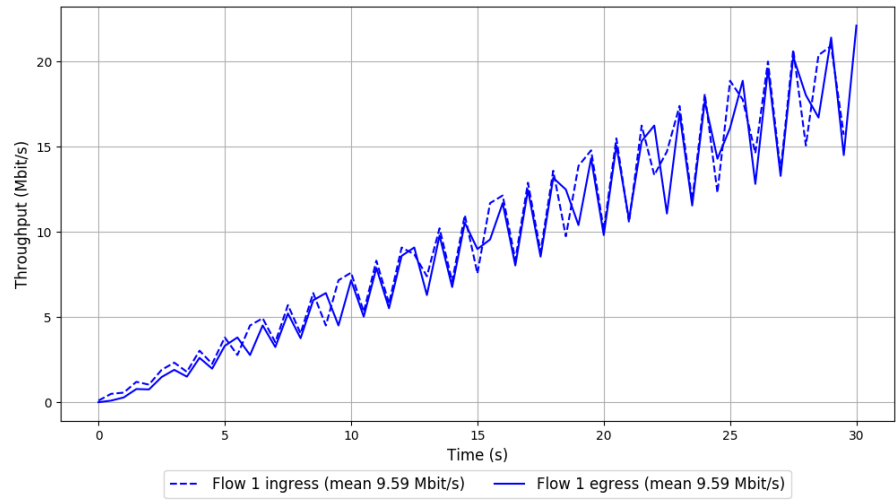


Run 3: Statistics of LEDBAT

Start at: 2018-08-27 21:40:51
End at: 2018-08-27 21:41:21
Local clock offset: 1.539 ms
Remote clock offset: -32.821 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.59 Mbit/s
95th percentile per-packet one-way delay: 66.082 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.59 Mbit/s
95th percentile per-packet one-way delay: 66.082 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

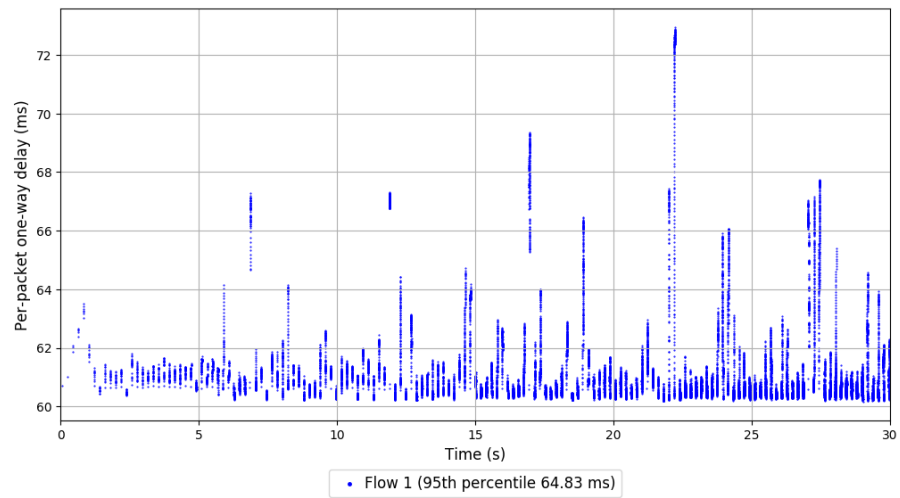
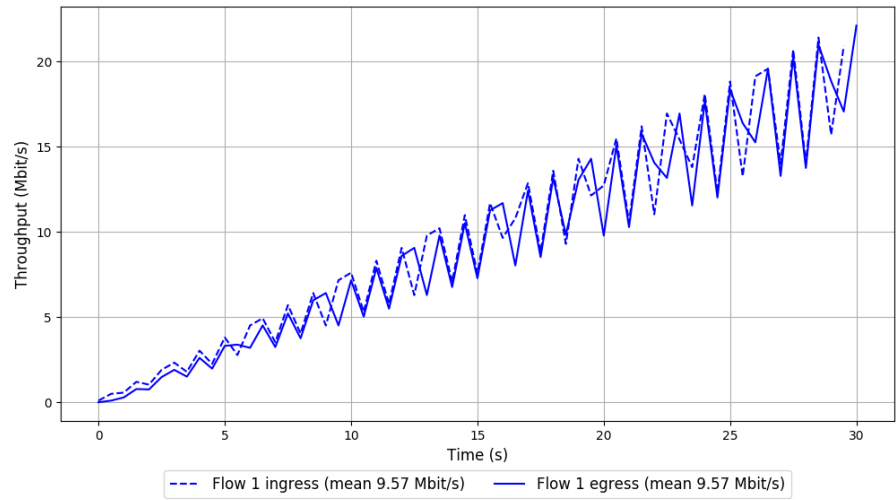


Run 4: Statistics of LEDBAT

Start at: 2018-08-27 22:02:29
End at: 2018-08-27 22:02:59
Local clock offset: 3.595 ms
Remote clock offset: -32.432 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.57 Mbit/s
95th percentile per-packet one-way delay: 64.830 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.57 Mbit/s
95th percentile per-packet one-way delay: 64.830 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

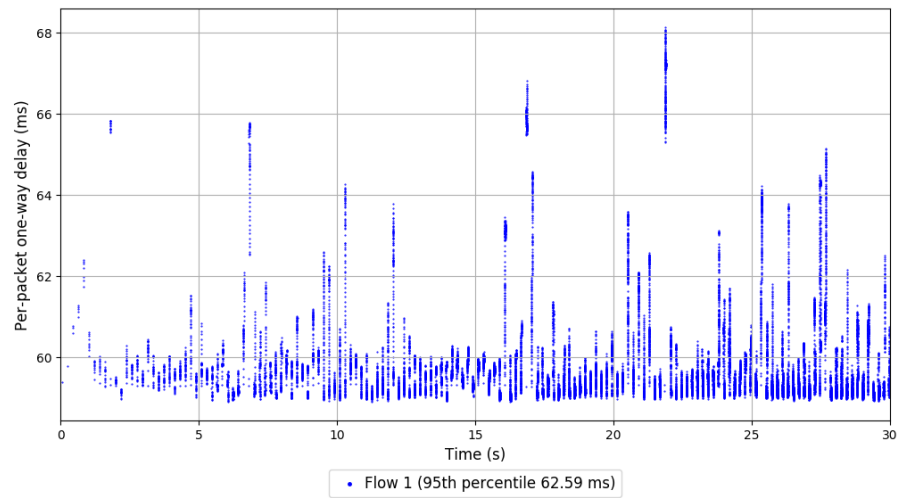
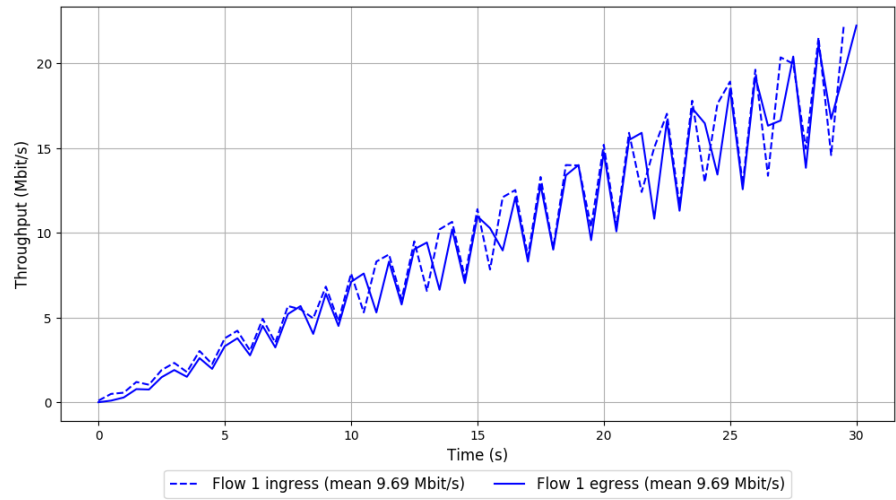


Run 5: Statistics of LEDBAT

Start at: 2018-08-27 22:24:00
End at: 2018-08-27 22:24:30
Local clock offset: -0.55 ms
Remote clock offset: -35.473 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.69 Mbit/s
95th percentile per-packet one-way delay: 62.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.69 Mbit/s
95th percentile per-packet one-way delay: 62.591 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

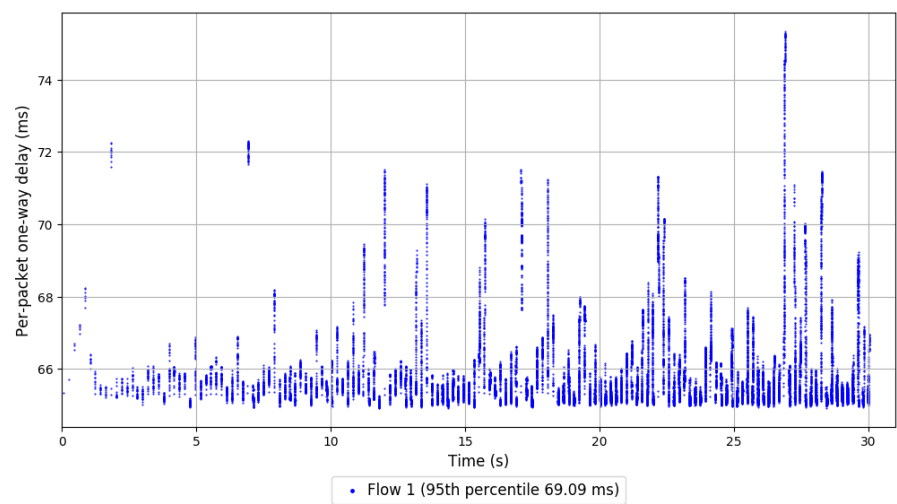
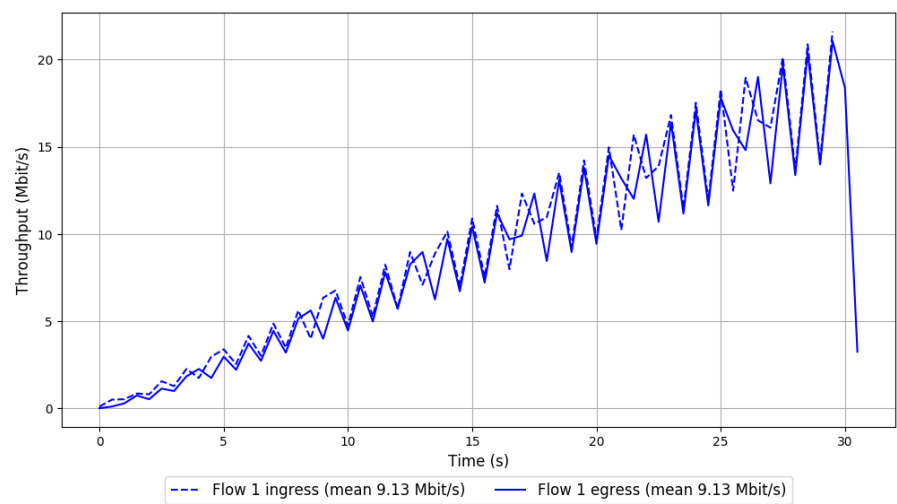


Run 6: Statistics of LEDBAT

Start at: 2018-08-27 22:51:08
End at: 2018-08-27 22:51:38
Local clock offset: 1.333 ms
Remote clock offset: -31.782 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 69.092 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 69.092 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

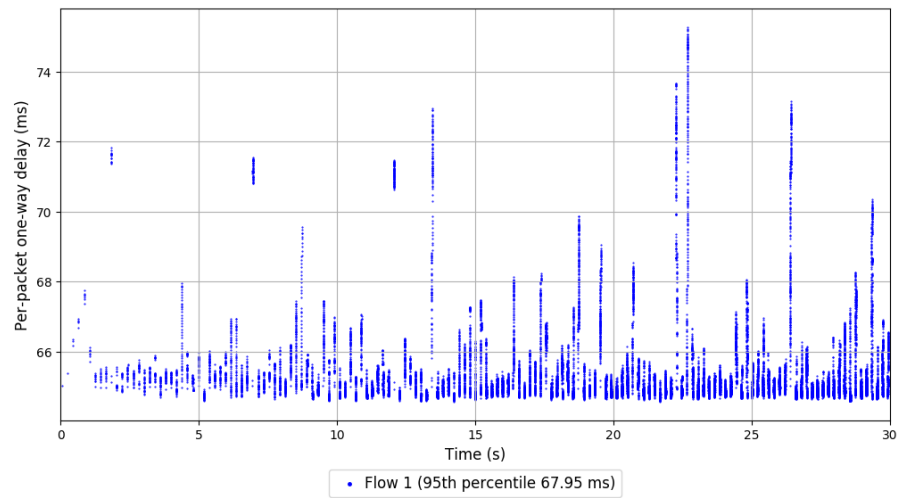
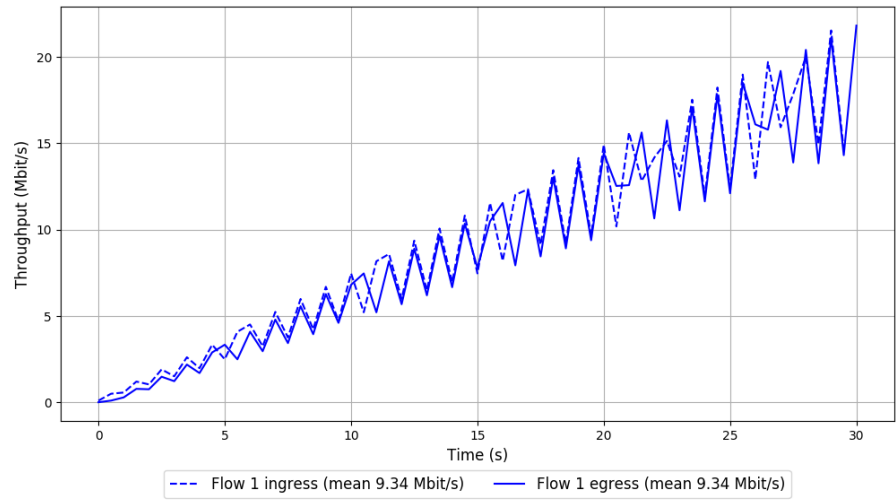


Run 7: Statistics of LEDBAT

Start at: 2018-08-27 23:12:31
End at: 2018-08-27 23:13:01
Local clock offset: 1.12 ms
Remote clock offset: -32.685 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.34 Mbit/s
95th percentile per-packet one-way delay: 67.955 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.34 Mbit/s
95th percentile per-packet one-way delay: 67.955 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

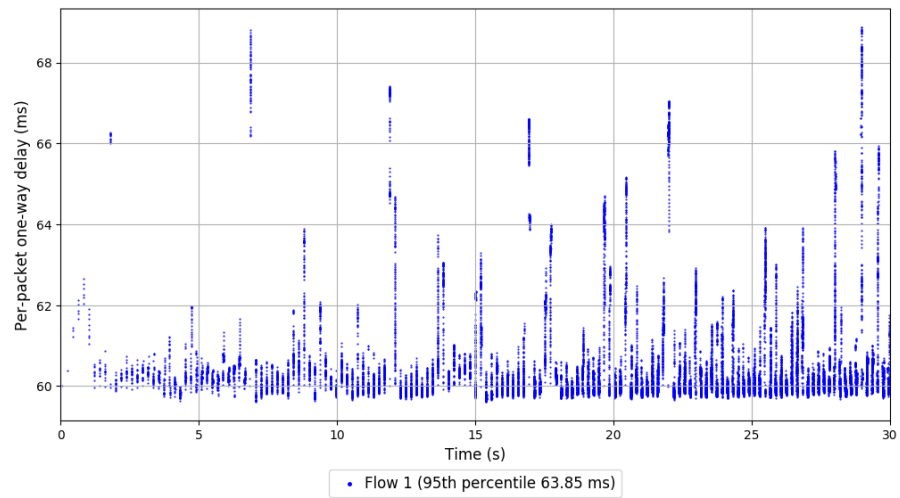
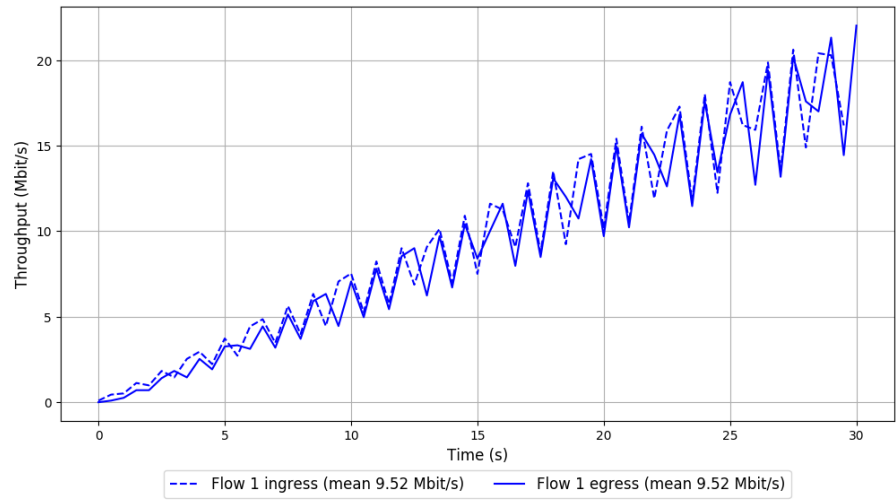


Run 8: Statistics of LEDBAT

Start at: 2018-08-27 23:34:01
End at: 2018-08-27 23:34:31
Local clock offset: -0.981 ms
Remote clock offset: -38.155 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.52 Mbit/s
95th percentile per-packet one-way delay: 63.852 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.52 Mbit/s
95th percentile per-packet one-way delay: 63.852 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

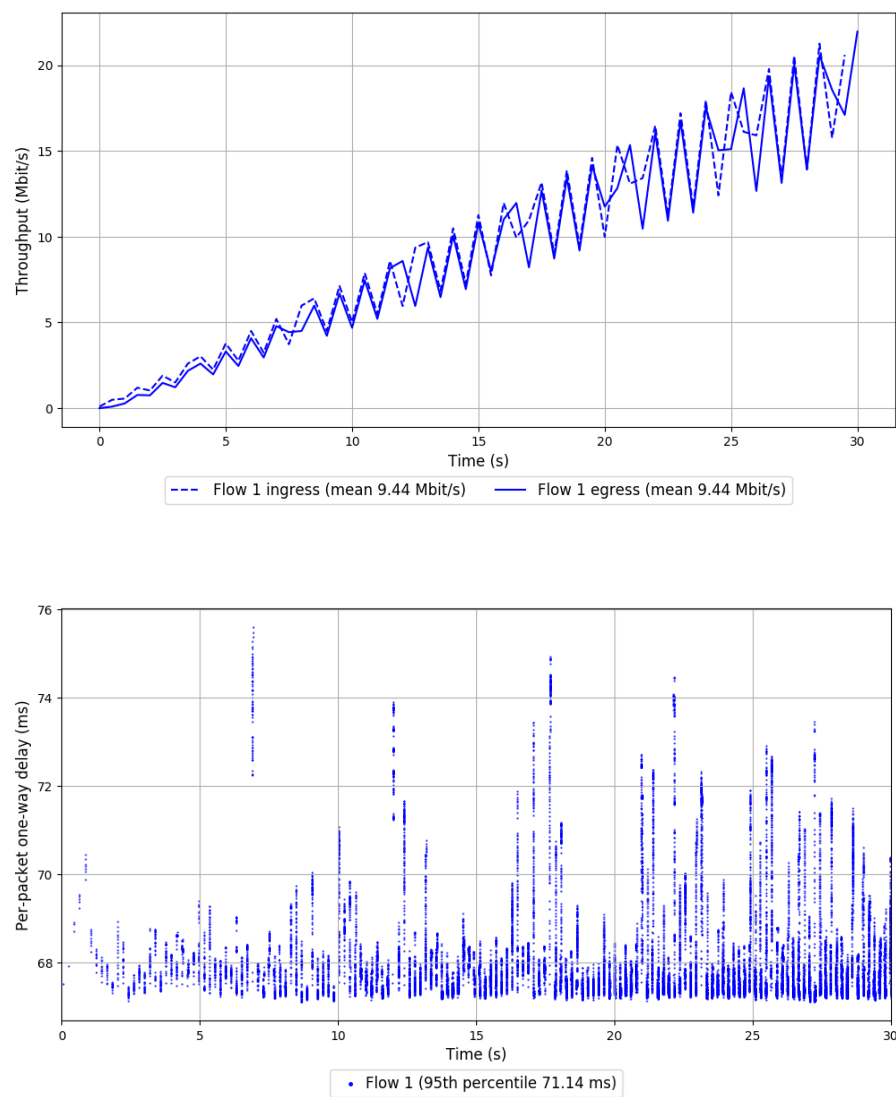


Run 9: Statistics of LEDBAT

Start at: 2018-08-28 00:01:09
End at: 2018-08-28 00:01:39
Local clock offset: 2.283 ms
Remote clock offset: -32.232 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.44 Mbit/s
95th percentile per-packet one-way delay: 71.139 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.44 Mbit/s
95th percentile per-packet one-way delay: 71.139 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

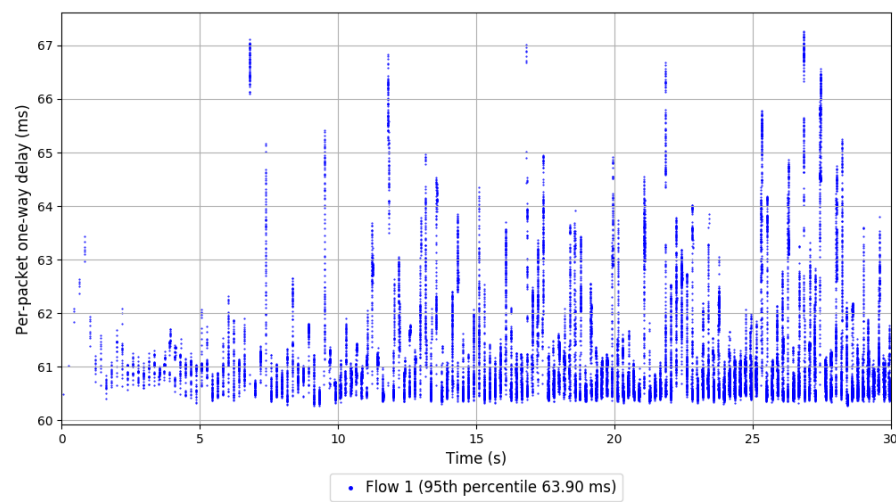
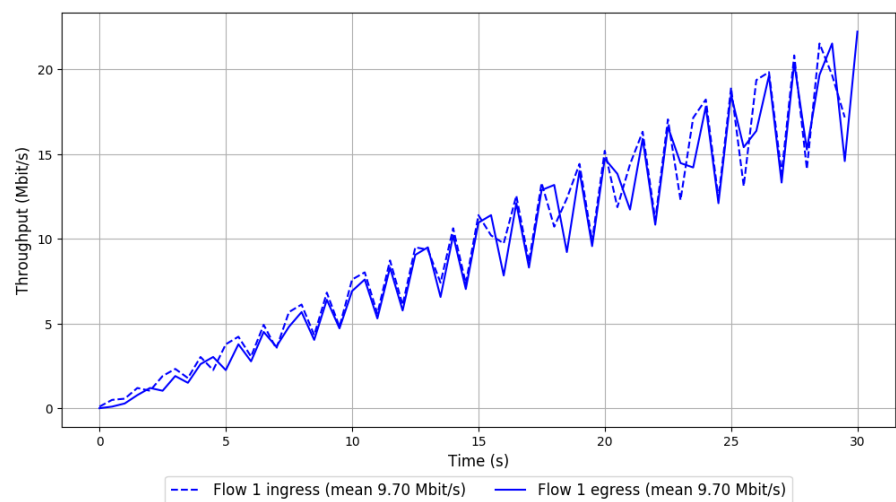


Run 10: Statistics of LEDBAT

Start at: 2018-08-28 00:22:38
End at: 2018-08-28 00:23:08
Local clock offset: 3.344 ms
Remote clock offset: -35.738 ms

Below is generated by plot.py at 2018-08-28 01:10:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 63.896 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 63.896 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

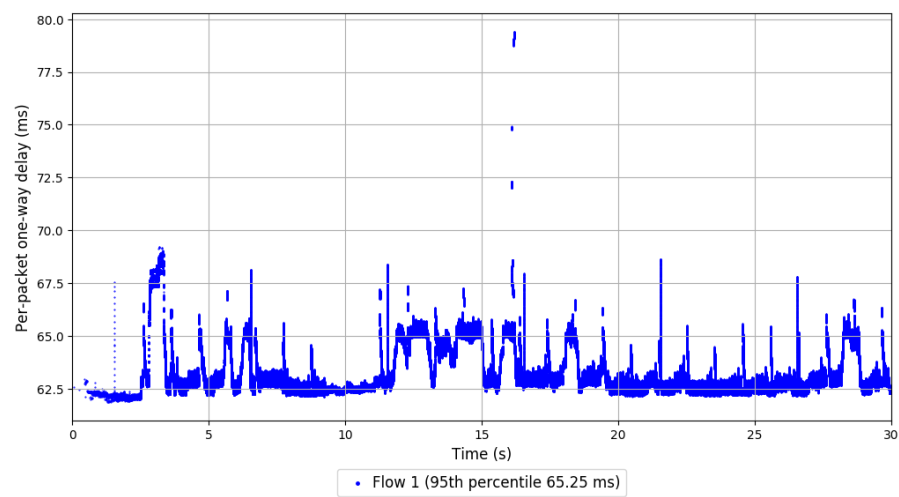
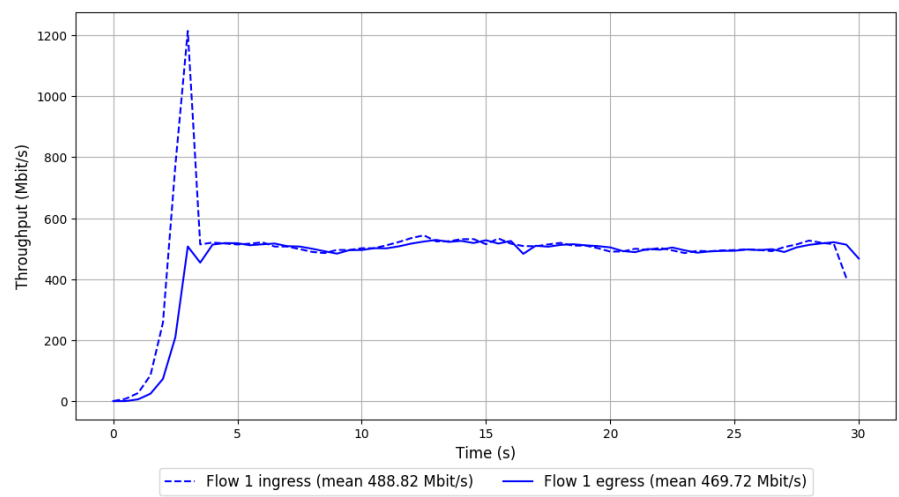


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-27 20:42:26
End at: 2018-08-27 20:42:56
Local clock offset: 1.144 ms
Remote clock offset: -34.453 ms

# Below is generated by plot.py at 2018-08-28 01:14:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 469.72 Mbit/s
95th percentile per-packet one-way delay: 65.249 ms
Loss rate: 3.91%
-- Flow 1:
Average throughput: 469.72 Mbit/s
95th percentile per-packet one-way delay: 65.249 ms
Loss rate: 3.91%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-08-27 21:03:56

End at: 2018-08-27 21:04:26

Local clock offset: 1.891 ms

Remote clock offset: -36.87 ms

Below is generated by plot.py at 2018-08-28 01:14:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 466.47 Mbit/s

95th percentile per-packet one-way delay: 64.628 ms

Loss rate: 3.76%

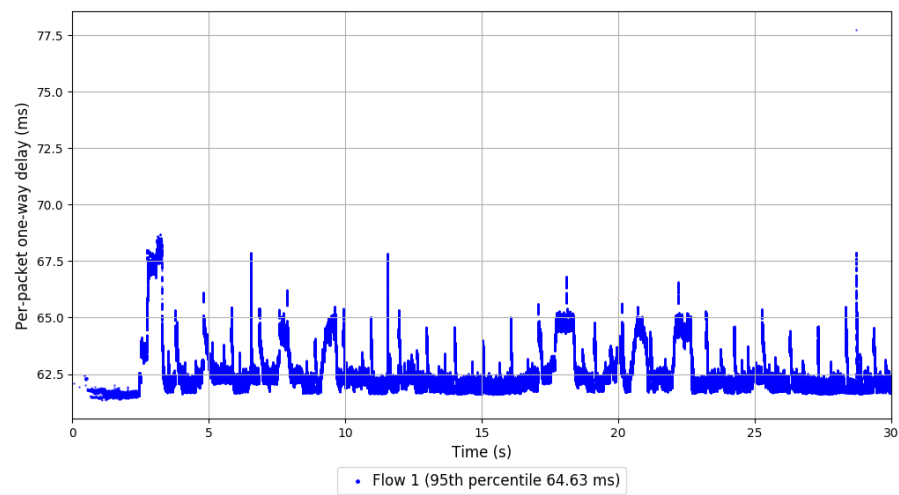
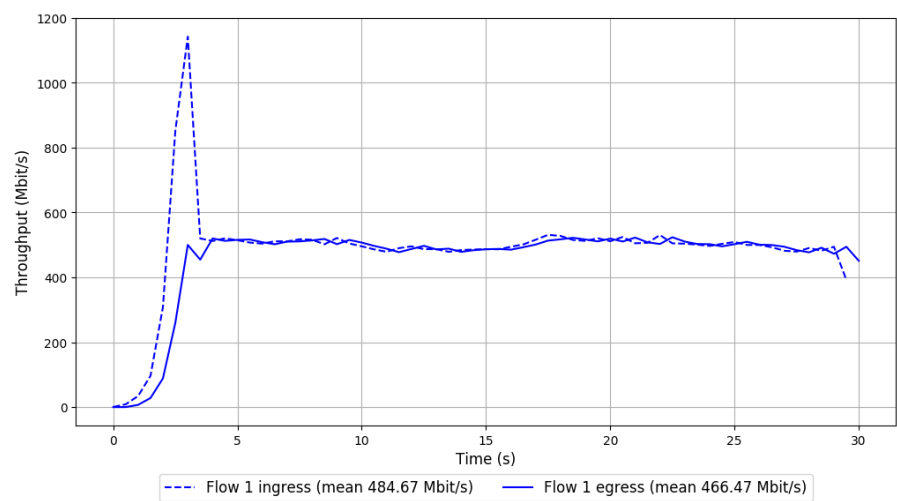
-- Flow 1:

Average throughput: 466.47 Mbit/s

95th percentile per-packet one-way delay: 64.628 ms

Loss rate: 3.76%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-08-27 21:42:07

End at: 2018-08-27 21:42:37

Local clock offset: -0.81 ms

Remote clock offset: -32.321 ms

Below is generated by plot.py at 2018-08-28 01:14:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 345.52 Mbit/s

95th percentile per-packet one-way delay: 68.677 ms

Loss rate: 5.12%

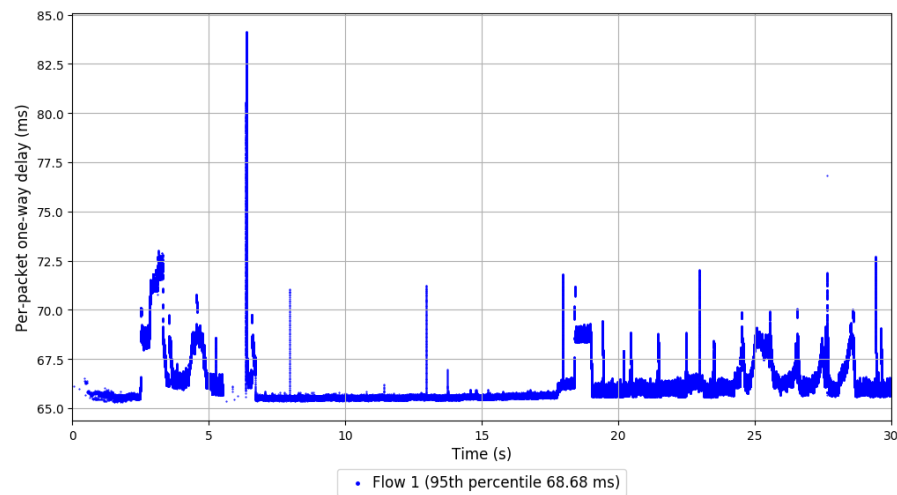
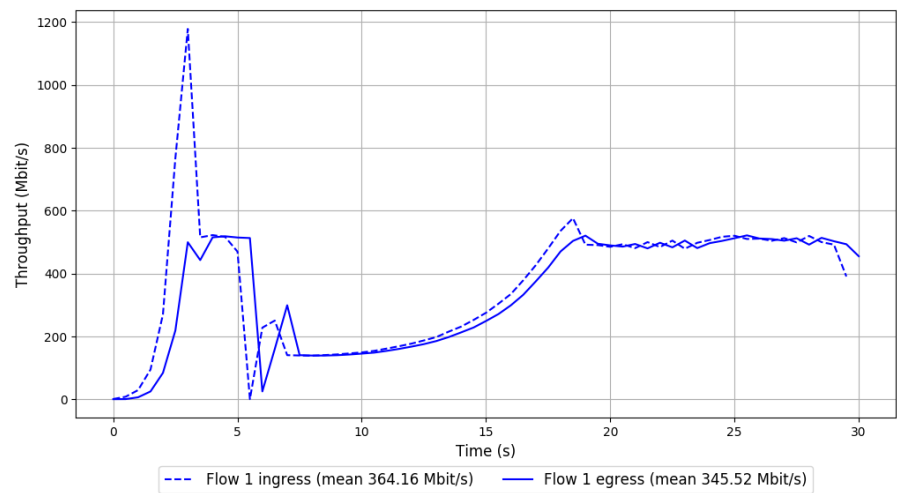
-- Flow 1:

Average throughput: 345.52 Mbit/s

95th percentile per-packet one-way delay: 68.677 ms

Loss rate: 5.12%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-08-27 22:03:40

End at: 2018-08-27 22:04:10

Local clock offset: 0.258 ms

Remote clock offset: -36.314 ms

Below is generated by plot.py at 2018-08-28 01:14:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 461.15 Mbit/s

95th percentile per-packet one-way delay: 62.561 ms

Loss rate: 3.60%

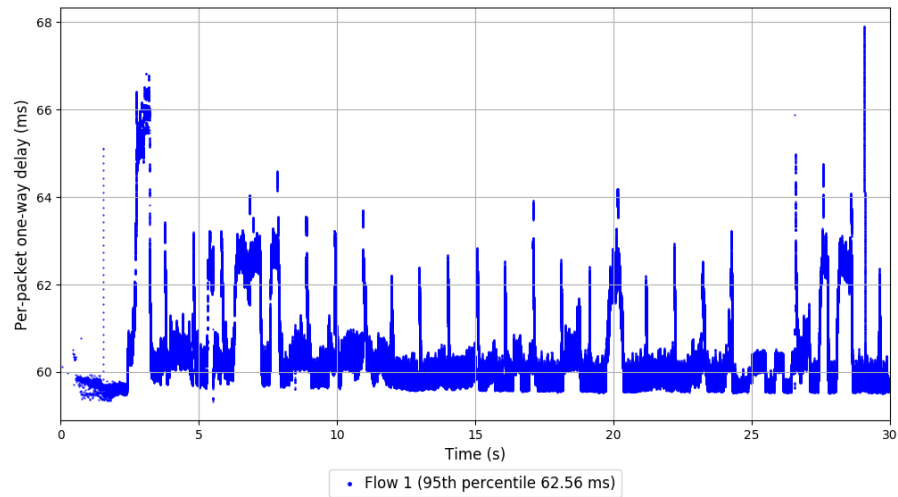
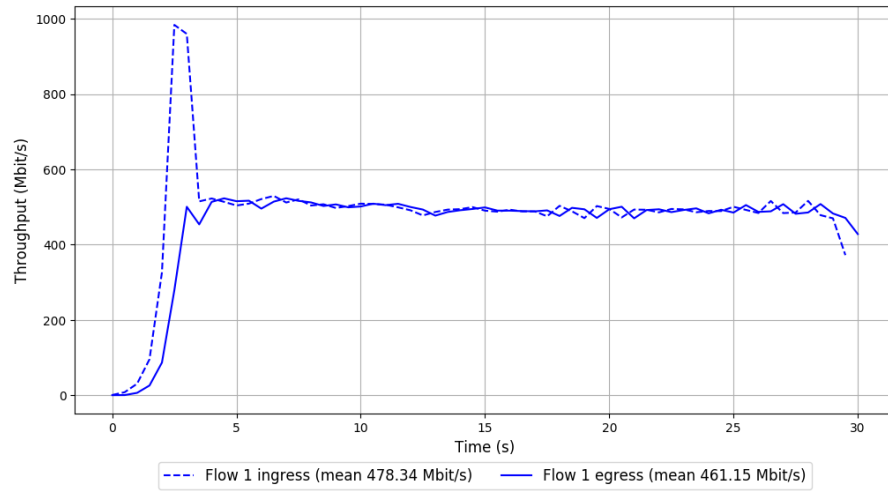
-- Flow 1:

Average throughput: 461.15 Mbit/s

95th percentile per-packet one-way delay: 62.561 ms

Loss rate: 3.60%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-08-27 22:25:11

End at: 2018-08-27 22:25:41

Local clock offset: -3.679 ms

Remote clock offset: -31.054 ms

Below is generated by plot.py at 2018-08-28 01:15:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 464.69 Mbit/s

95th percentile per-packet one-way delay: 69.386 ms

Loss rate: 3.58%

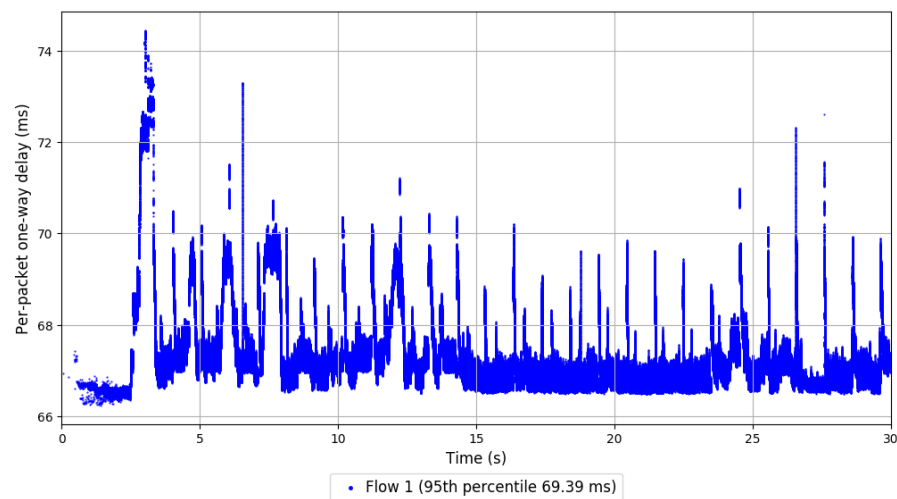
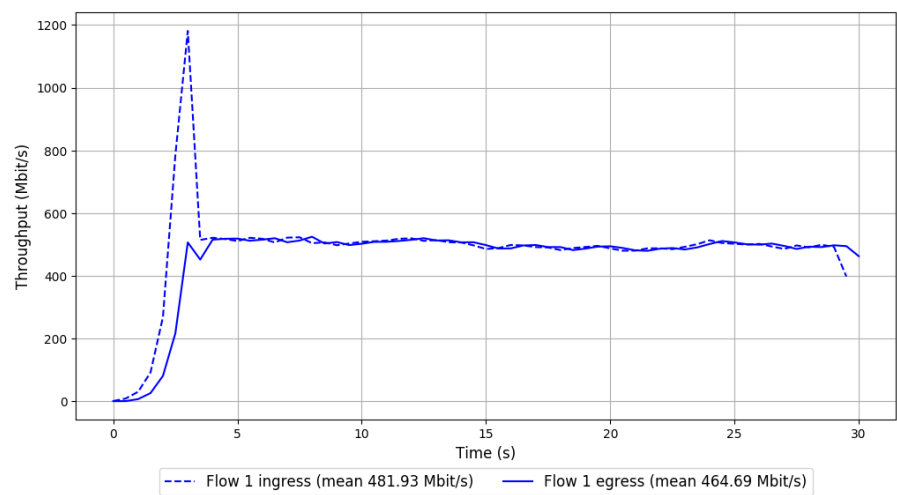
-- Flow 1:

Average throughput: 464.69 Mbit/s

95th percentile per-packet one-way delay: 69.386 ms

Loss rate: 3.58%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-08-27 22:52:18

End at: 2018-08-27 22:52:48

Local clock offset: 2.507 ms

Remote clock offset: -36.072 ms

Below is generated by plot.py at 2018-08-28 01:15:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 458.28 Mbit/s

95th percentile per-packet one-way delay: 59.588 ms

Loss rate: 3.68%

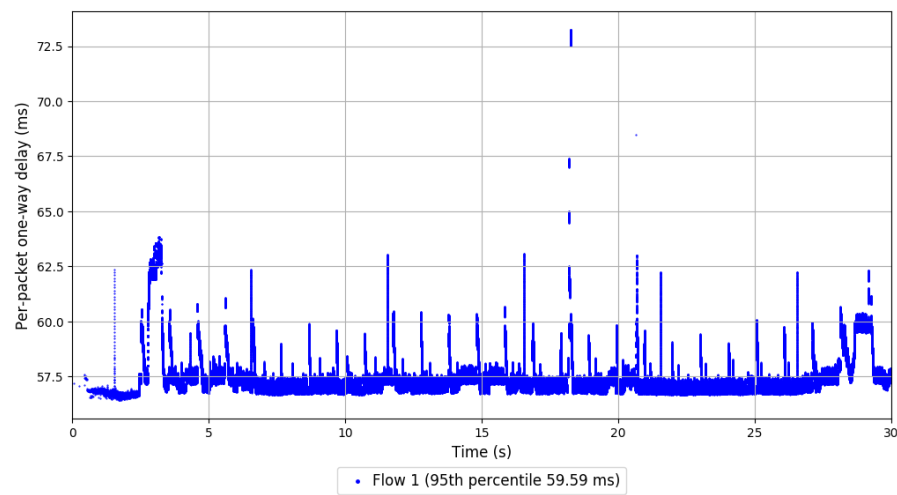
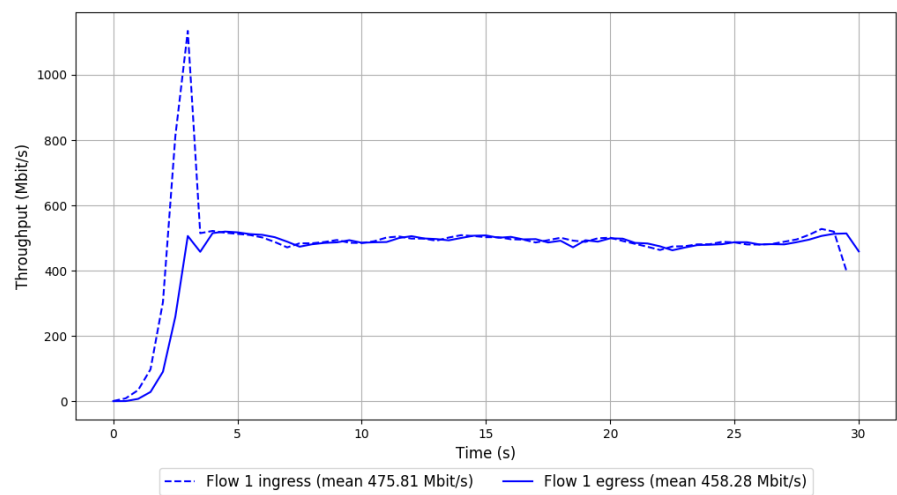
-- Flow 1:

Average throughput: 458.28 Mbit/s

95th percentile per-packet one-way delay: 59.588 ms

Loss rate: 3.68%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-08-27 23:13:42

End at: 2018-08-27 23:14:12

Local clock offset: -0.741 ms

Remote clock offset: -36.814 ms

Below is generated by plot.py at 2018-08-28 01:16:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 461.44 Mbit/s

95th percentile per-packet one-way delay: 65.362 ms

Loss rate: 3.67%

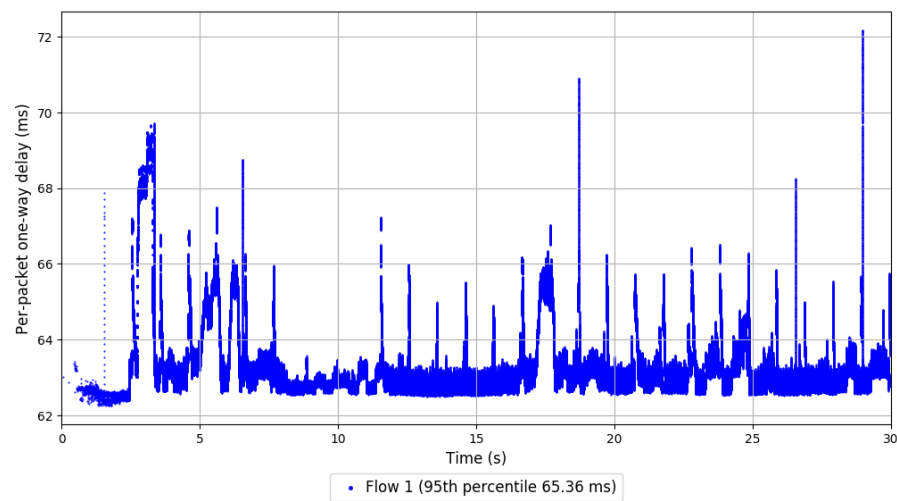
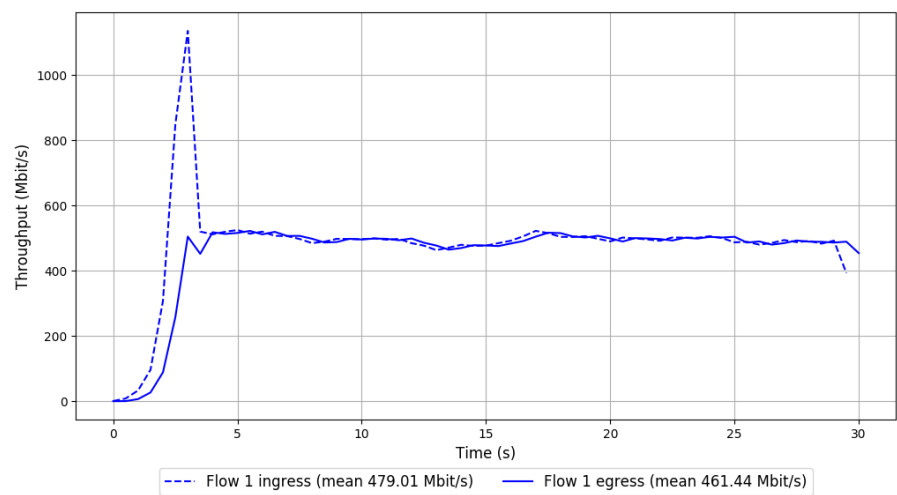
-- Flow 1:

Average throughput: 461.44 Mbit/s

95th percentile per-packet one-way delay: 65.362 ms

Loss rate: 3.67%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-08-27 23:35:12

End at: 2018-08-27 23:35:42

Local clock offset: 1.346 ms

Remote clock offset: -35.34 ms

Below is generated by plot.py at 2018-08-28 01:16:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 463.20 Mbit/s

95th percentile per-packet one-way delay: 63.478 ms

Loss rate: 3.77%

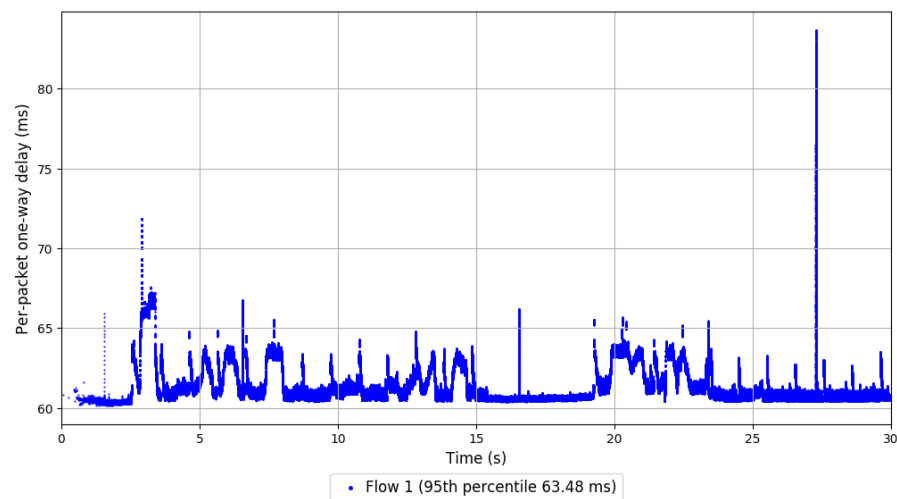
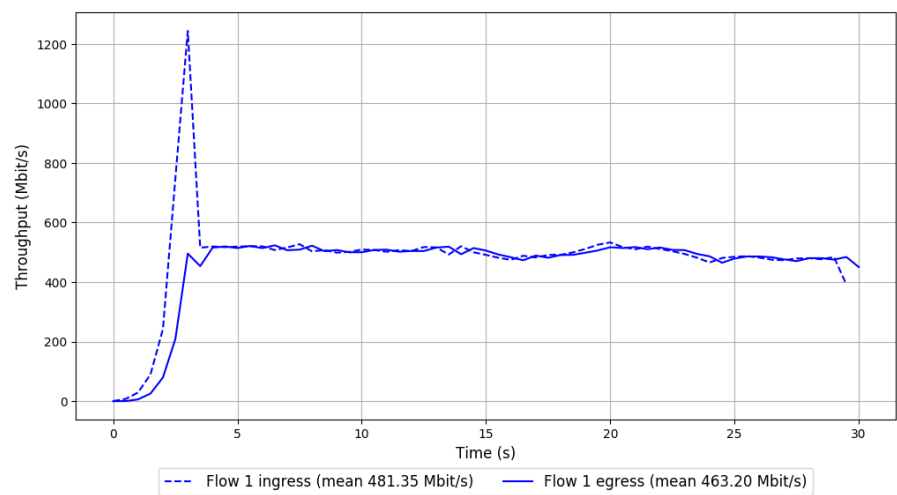
-- Flow 1:

Average throughput: 463.20 Mbit/s

95th percentile per-packet one-way delay: 63.478 ms

Loss rate: 3.77%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-08-28 00:02:19

End at: 2018-08-28 00:02:50

Local clock offset: 4.542 ms

Remote clock offset: -37.225 ms

Below is generated by plot.py at 2018-08-28 01:18:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 452.24 Mbit/s

95th percentile per-packet one-way delay: 60.583 ms

Loss rate: 3.60%

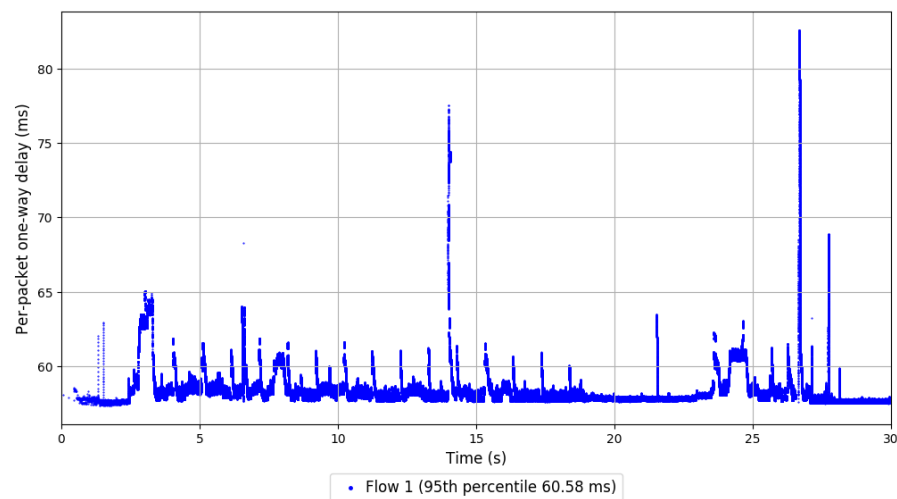
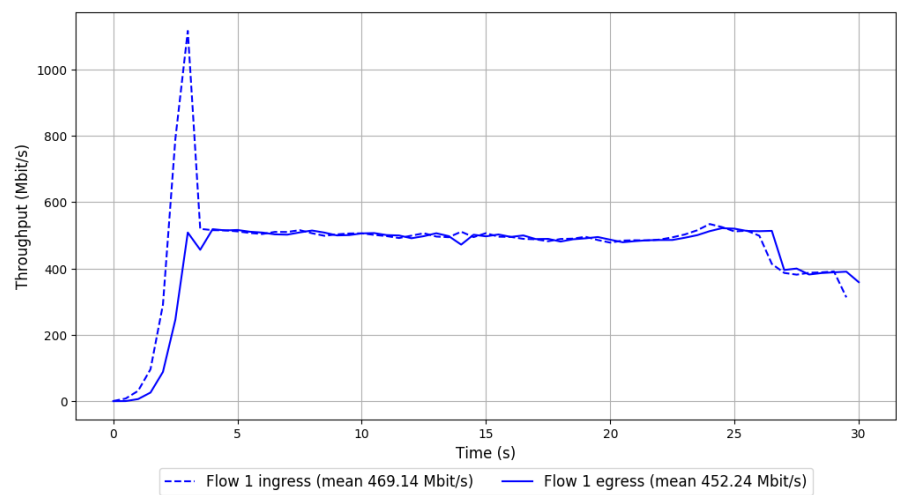
-- Flow 1:

Average throughput: 452.24 Mbit/s

95th percentile per-packet one-way delay: 60.583 ms

Loss rate: 3.60%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-08-28 00:23:49

End at: 2018-08-28 00:24:19

Local clock offset: 3.42 ms

Remote clock offset: -38.262 ms

Below is generated by plot.py at 2018-08-28 01:19:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 451.12 Mbit/s

95th percentile per-packet one-way delay: 61.188 ms

Loss rate: 3.87%

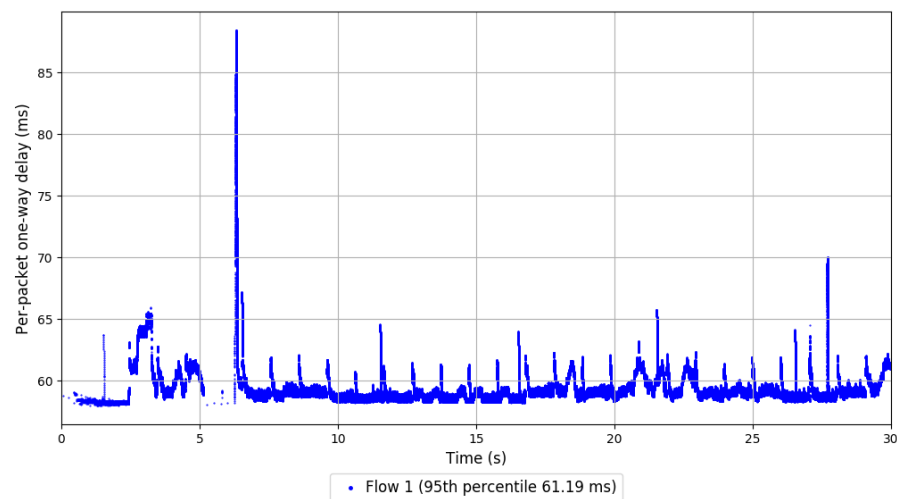
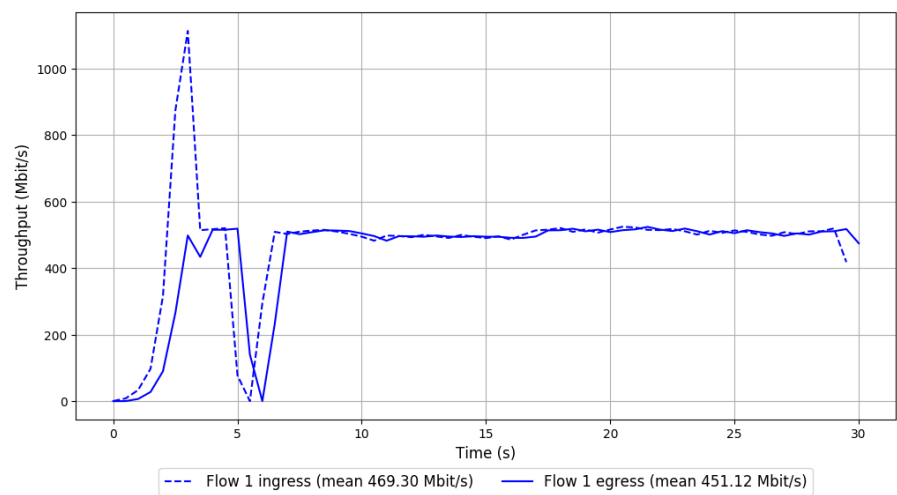
-- Flow 1:

Average throughput: 451.12 Mbit/s

95th percentile per-packet one-way delay: 61.188 ms

Loss rate: 3.87%

Run 10: Report of PCC-Allegro — Data Link

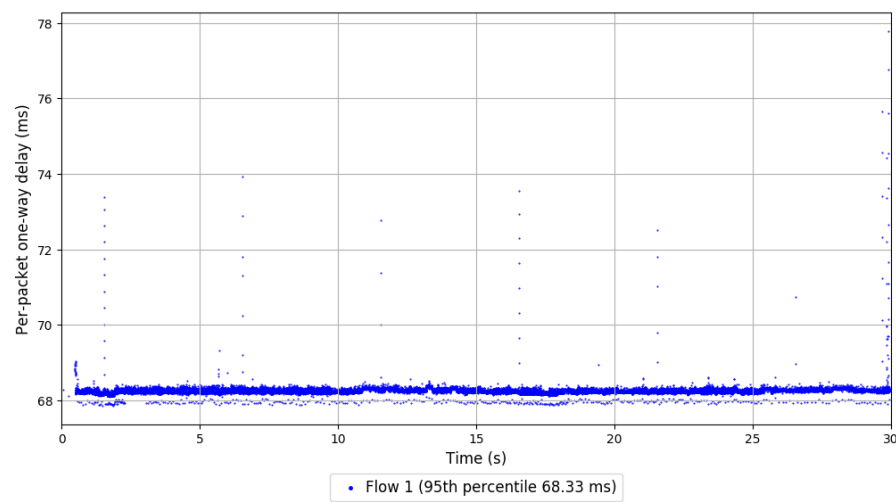
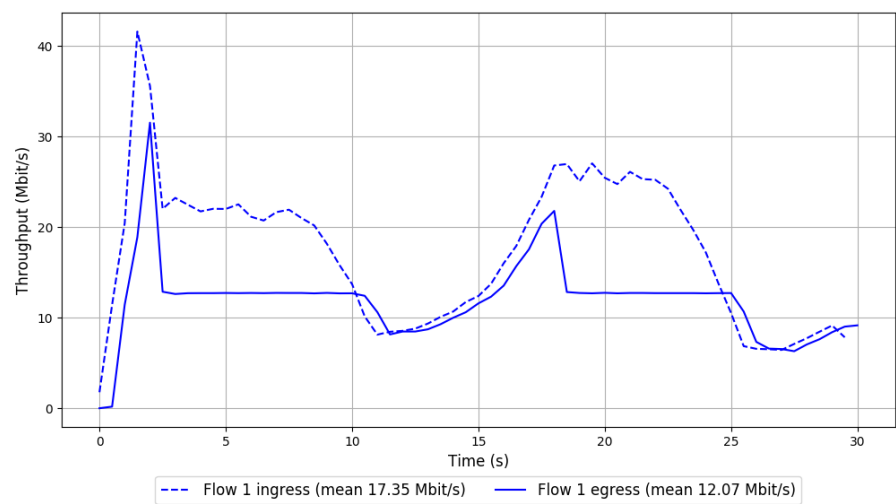


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-27 20:46:12
End at: 2018-08-27 20:46:42
Local clock offset: -3.513 ms
Remote clock offset: -33.356 ms

# Below is generated by plot.py at 2018-08-28 01:19:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.07 Mbit/s
95th percentile per-packet one-way delay: 68.335 ms
Loss rate: 30.45%
-- Flow 1:
Average throughput: 12.07 Mbit/s
95th percentile per-packet one-way delay: 68.335 ms
Loss rate: 30.45%
```

Run 1: Report of PCC-Expr — Data Link

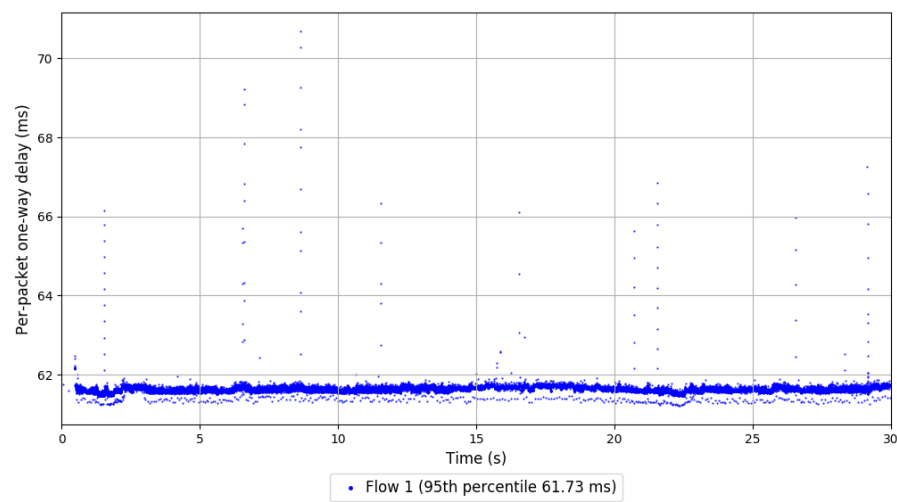
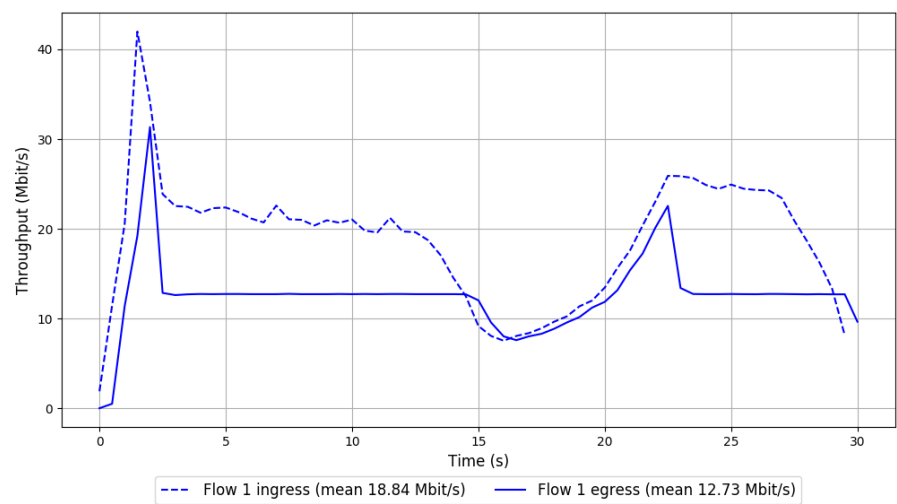


Run 2: Statistics of PCC-Expr

Start at: 2018-08-27 21:13:07
End at: 2018-08-27 21:13:37
Local clock offset: -2.006 ms
Remote clock offset: -38.848 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 61.727 ms
Loss rate: 32.44%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 61.727 ms
Loss rate: 32.44%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2018-08-27 21:45:49

End at: 2018-08-27 21:46:19

Local clock offset: 1.754 ms

Remote clock offset: -31.3 ms

Below is generated by plot.py at 2018-08-28 01:19:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.51 Mbit/s

95th percentile per-packet one-way delay: 64.156 ms

Loss rate: 26.25%

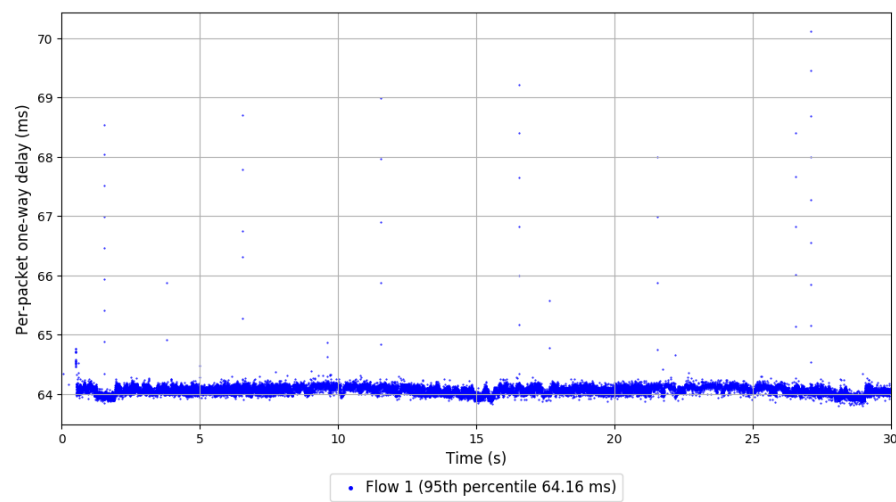
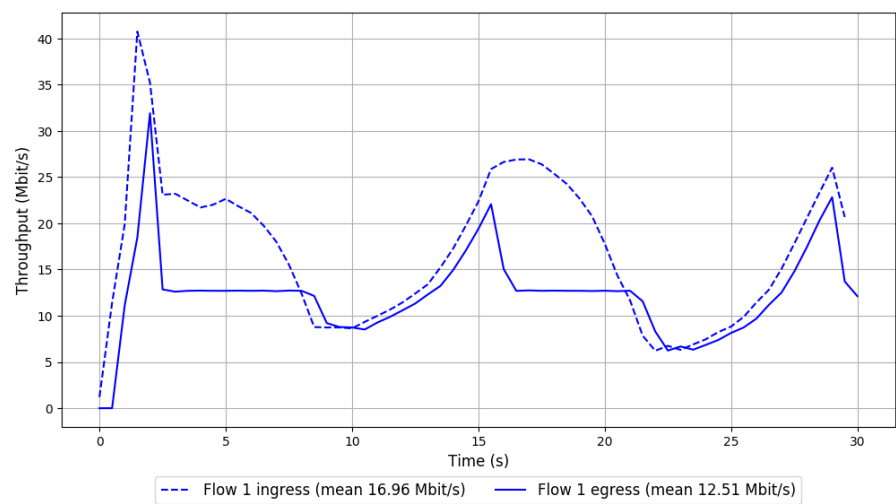
-- Flow 1:

Average throughput: 12.51 Mbit/s

95th percentile per-packet one-way delay: 64.156 ms

Loss rate: 26.25%

Run 3: Report of PCC-Expr — Data Link

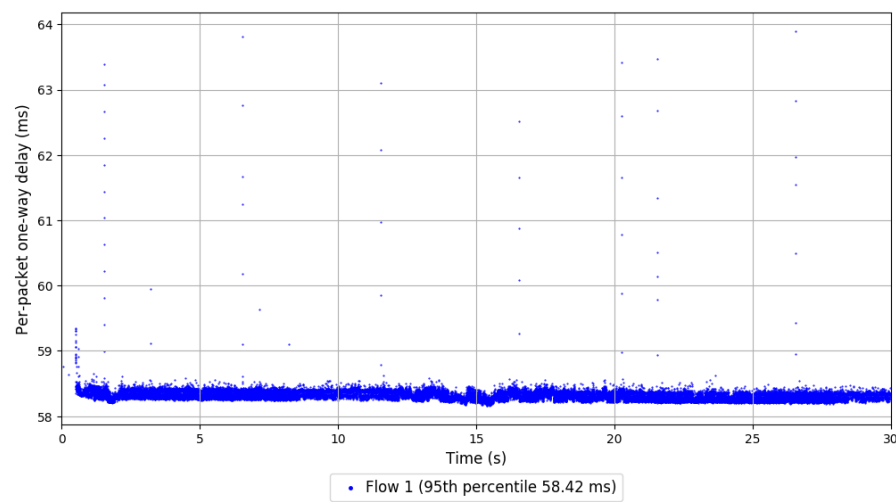
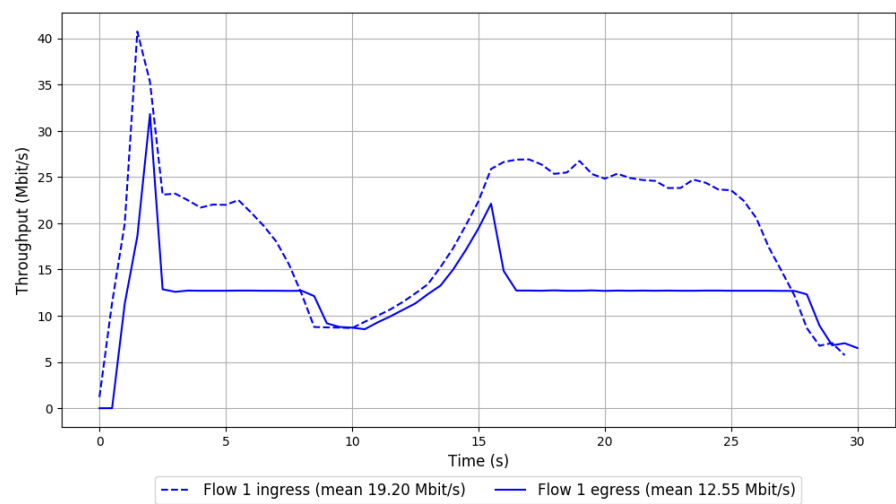


Run 4: Statistics of PCC-Expr

Start at: 2018-08-27 22:07:25
End at: 2018-08-27 22:07:55
Local clock offset: 1.202 ms
Remote clock offset: -36.103 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.55 Mbit/s
95th percentile per-packet one-way delay: 58.420 ms
Loss rate: 34.64%
-- Flow 1:
Average throughput: 12.55 Mbit/s
95th percentile per-packet one-way delay: 58.420 ms
Loss rate: 34.64%

Run 4: Report of PCC-Expr — Data Link

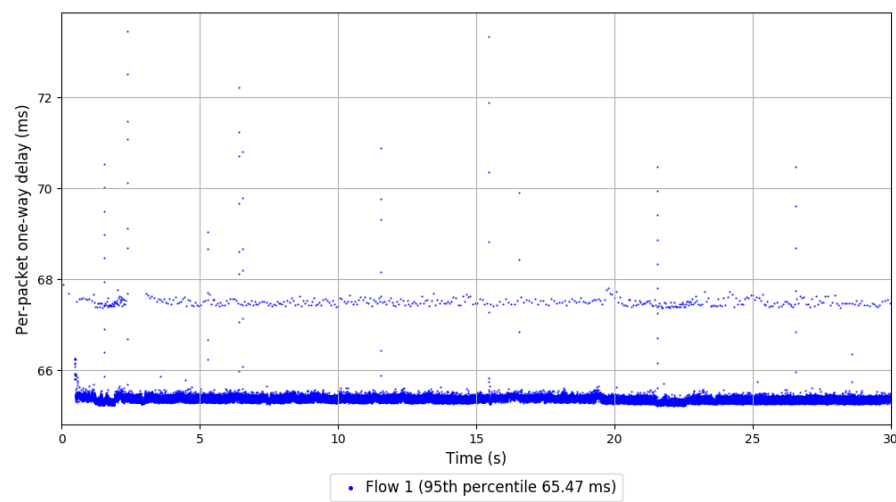
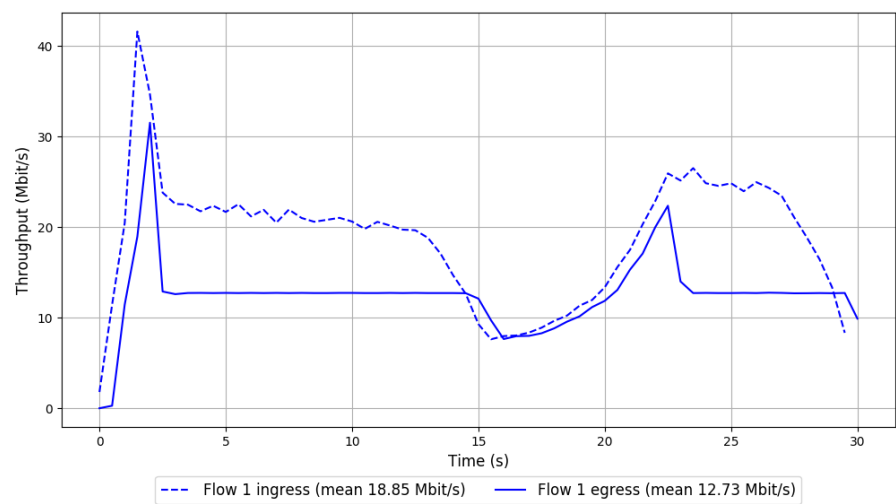


Run 5: Statistics of PCC-Expr

Start at: 2018-08-27 22:28:56
End at: 2018-08-27 22:29:27
Local clock offset: -0.486 ms
Remote clock offset: -29.038 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 65.468 ms
Loss rate: 32.47%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 65.468 ms
Loss rate: 32.47%

Run 5: Report of PCC-Expr — Data Link

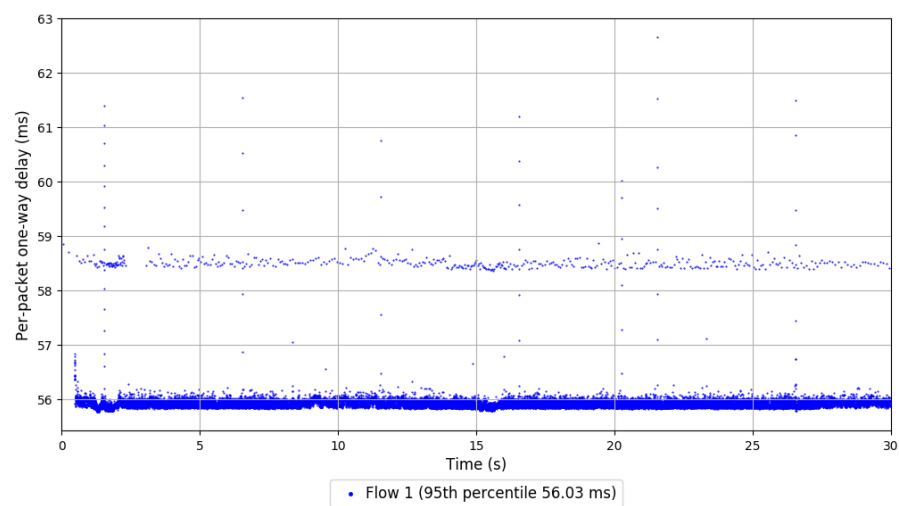
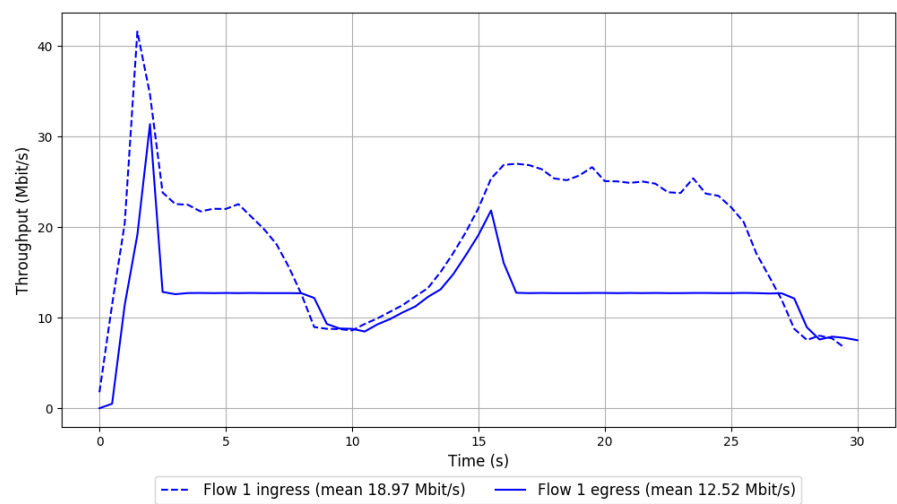


Run 6: Statistics of PCC-Expr

Start at: 2018-08-27 22:56:03
End at: 2018-08-27 22:56:33
Local clock offset: 3.386 ms
Remote clock offset: -36.511 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 56.027 ms
Loss rate: 34.02%
-- Flow 1:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 56.027 ms
Loss rate: 34.02%

Run 6: Report of PCC-Expr — Data Link

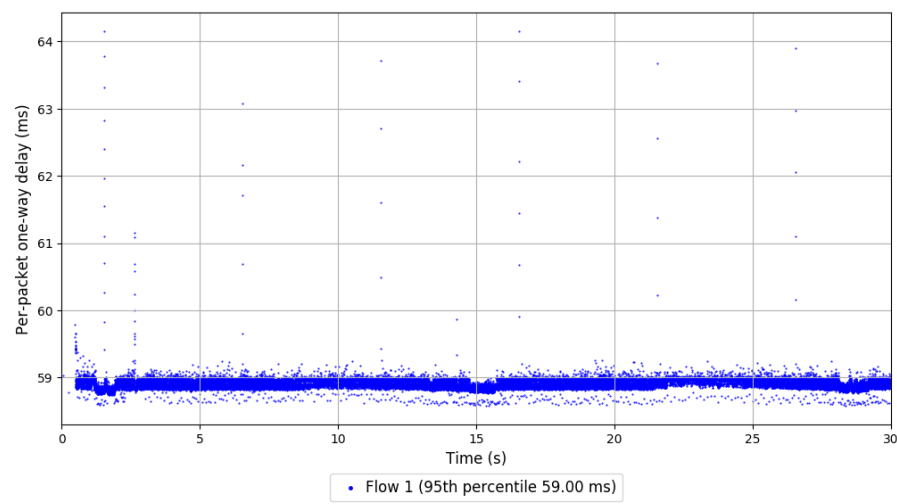
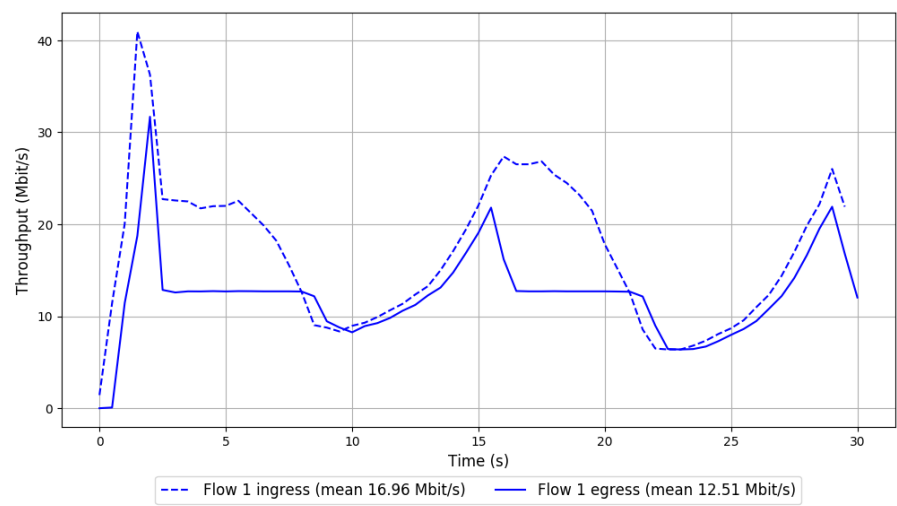


Run 7: Statistics of PCC-Expr

Start at: 2018-08-27 23:17:27
End at: 2018-08-27 23:17:57
Local clock offset: 0.738 ms
Remote clock offset: -36.845 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.51 Mbit/s
95th percentile per-packet one-way delay: 58.998 ms
Loss rate: 26.22%
-- Flow 1:
Average throughput: 12.51 Mbit/s
95th percentile per-packet one-way delay: 58.998 ms
Loss rate: 26.22%

Run 7: Report of PCC-Expr — Data Link

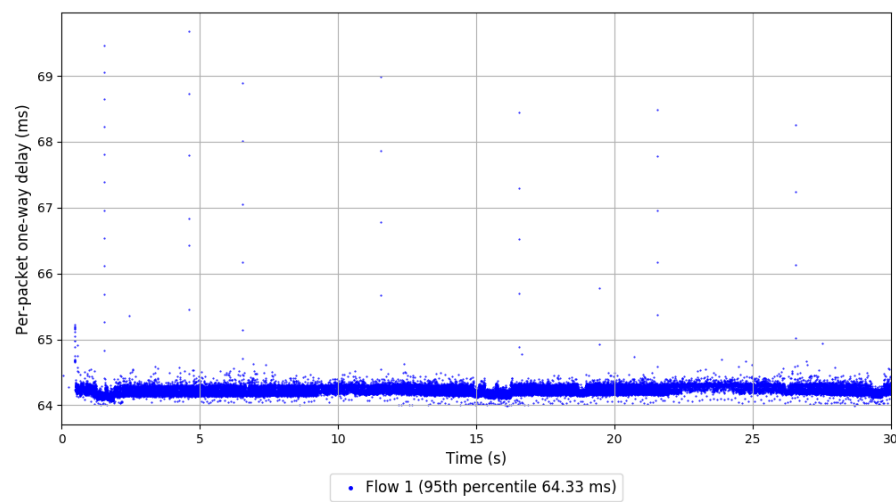
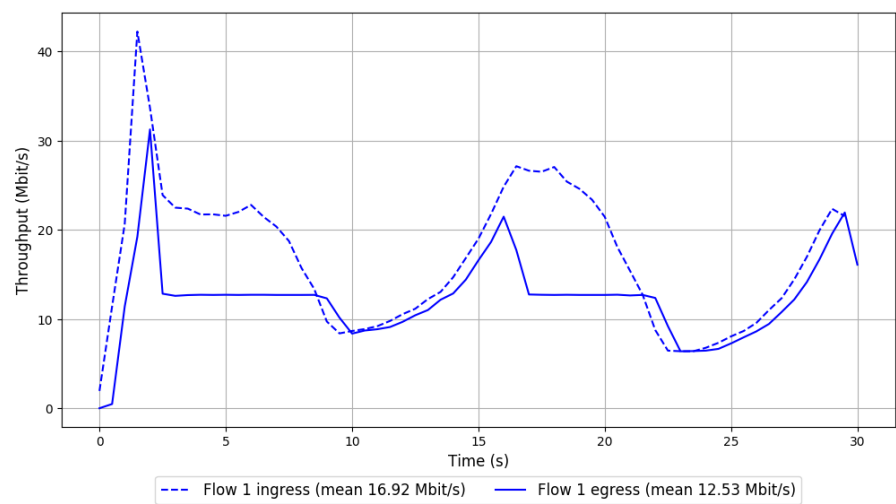


Run 8: Statistics of PCC-Expr

Start at: 2018-08-27 23:38:58
End at: 2018-08-27 23:39:28
Local clock offset: 0.949 ms
Remote clock offset: -32.56 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.53 Mbit/s
95th percentile per-packet one-way delay: 64.328 ms
Loss rate: 25.97%
-- Flow 1:
Average throughput: 12.53 Mbit/s
95th percentile per-packet one-way delay: 64.328 ms
Loss rate: 25.97%

Run 8: Report of PCC-Expr — Data Link

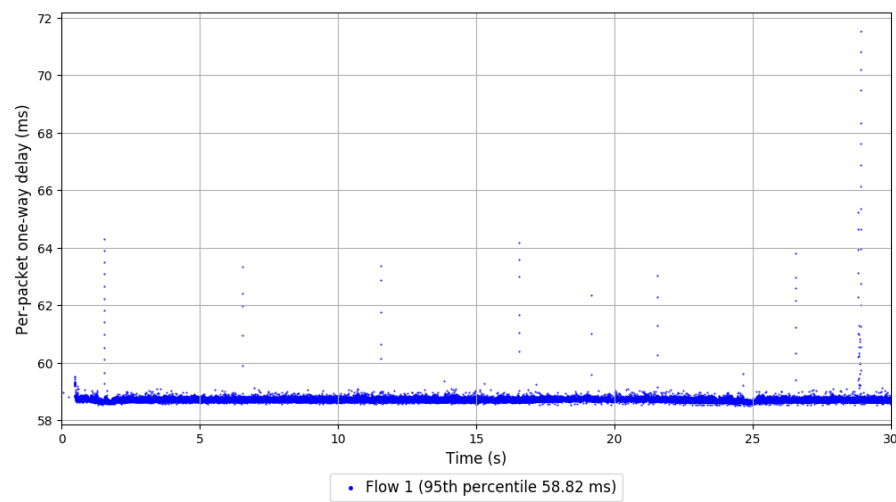
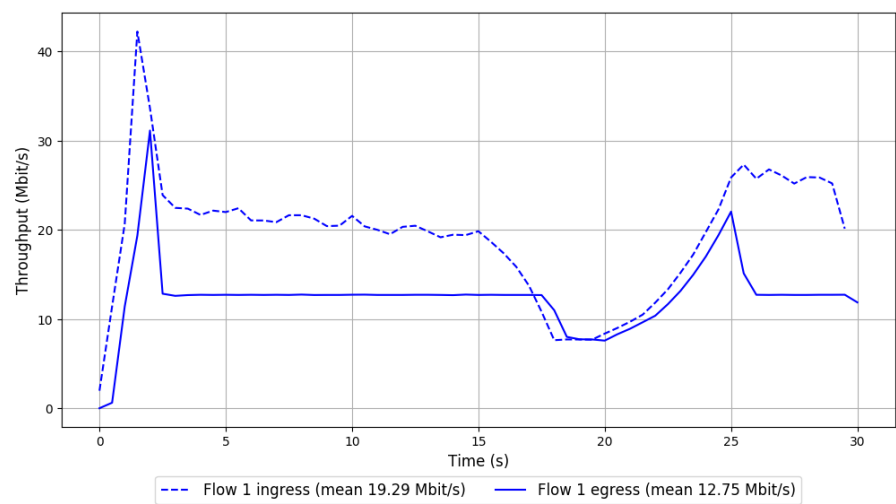


Run 9: Statistics of PCC-Expr

Start at: 2018-08-28 00:06:04
End at: 2018-08-28 00:06:34
Local clock offset: 2.321 ms
Remote clock offset: -38.174 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.75 Mbit/s
95th percentile per-packet one-way delay: 58.821 ms
Loss rate: 33.89%
-- Flow 1:
Average throughput: 12.75 Mbit/s
95th percentile per-packet one-way delay: 58.821 ms
Loss rate: 33.89%

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-08-28 00:27:33
End at: 2018-08-28 00:28:03
Local clock offset: 2.39 ms
Remote clock offset: -35.77 ms

Below is generated by plot.py at 2018-08-28 01:19:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.93 Mbit/s

95th percentile per-packet one-way delay: 62.143 ms

Loss rate: 26.47%

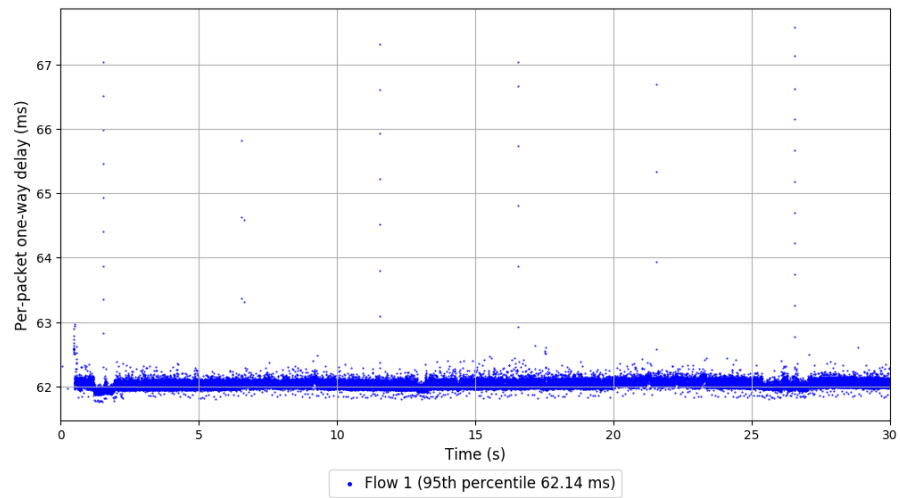
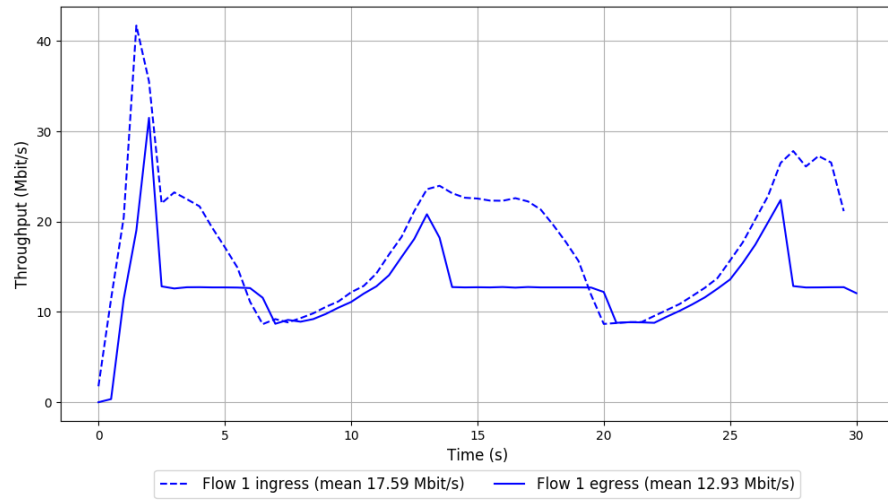
-- Flow 1:

Average throughput: 12.93 Mbit/s

95th percentile per-packet one-way delay: 62.143 ms

Loss rate: 26.47%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

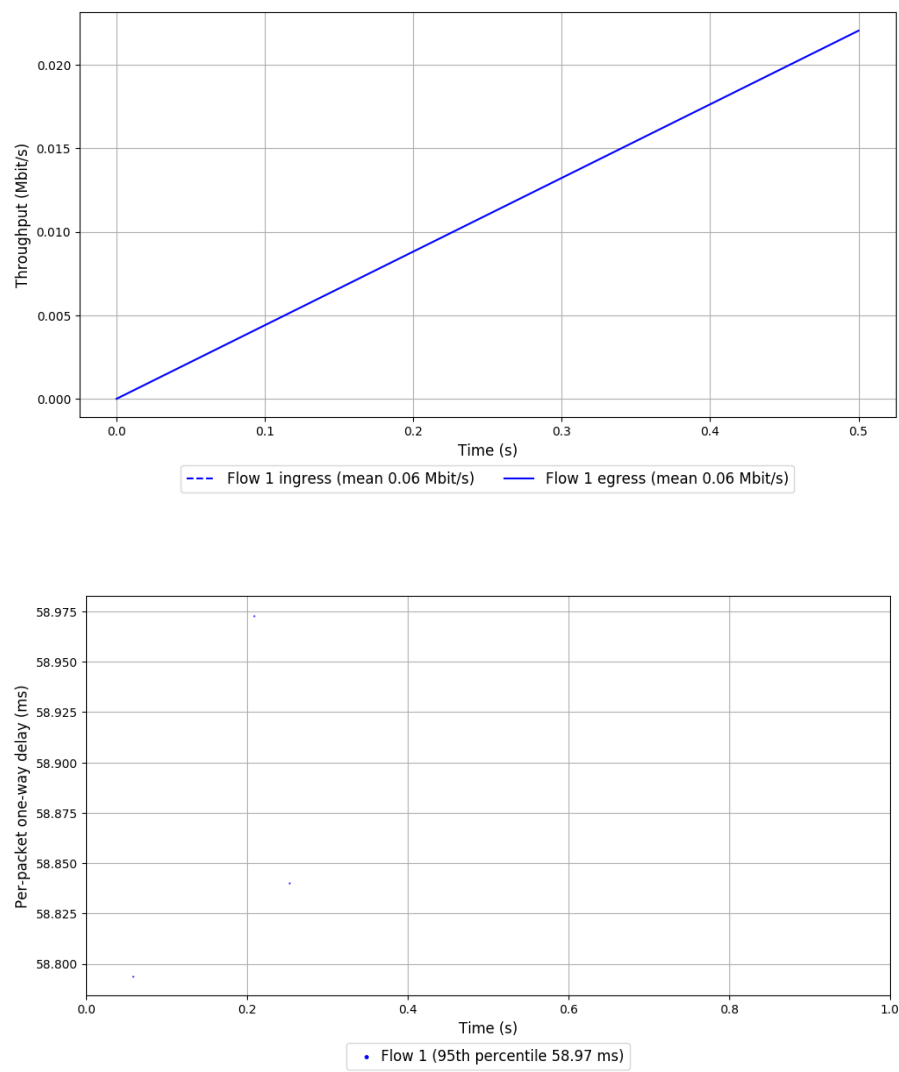
Start at: 2018-08-27 20:53:57

End at: 2018-08-27 20:54:27

Local clock offset: -0.419 ms

Remote clock offset: -39.535 ms

Run 1: Report of QUIC Cubic — Data Link

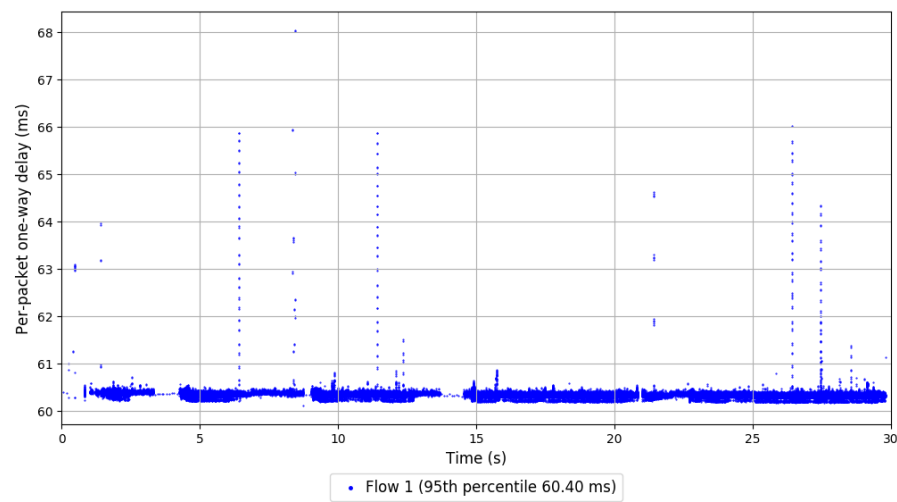
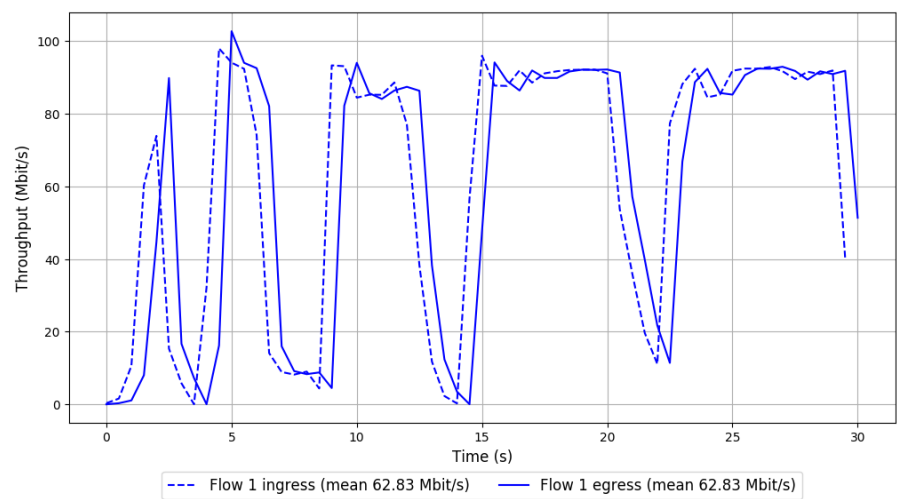


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-27 21:26:32
End at: 2018-08-27 21:27:02
Local clock offset: 2.847 ms
Remote clock offset: -34.777 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.83 Mbit/s
95th percentile per-packet one-way delay: 60.398 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.83 Mbit/s
95th percentile per-packet one-way delay: 60.398 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

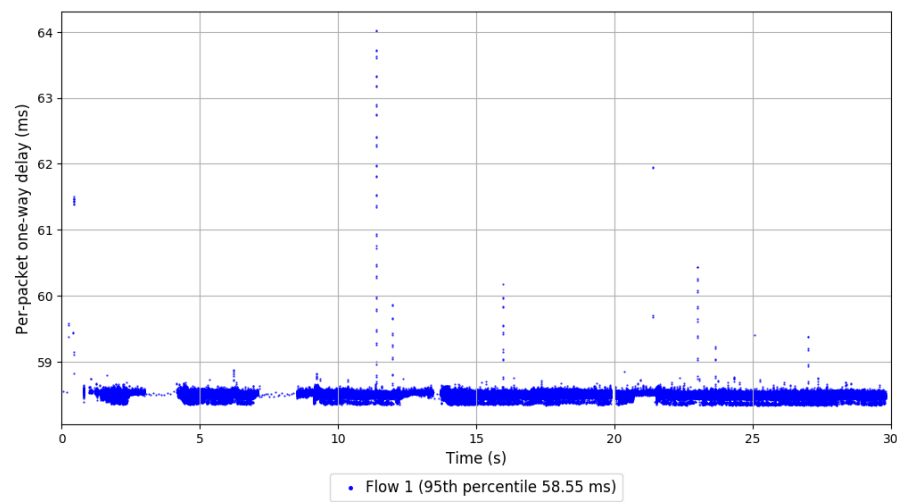
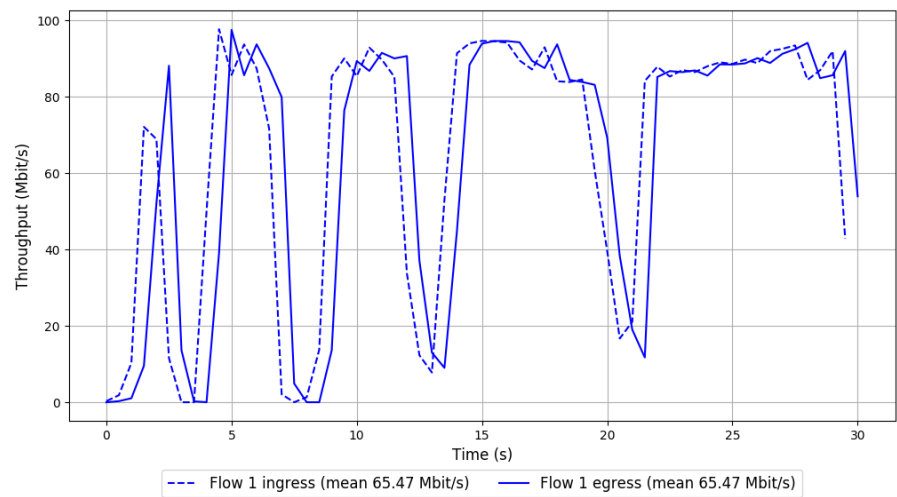


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-27 21:53:36
End at: 2018-08-27 21:54:06
Local clock offset: 1.887 ms
Remote clock offset: -36.148 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.47 Mbit/s
95th percentile per-packet one-way delay: 58.547 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.47 Mbit/s
95th percentile per-packet one-way delay: 58.547 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

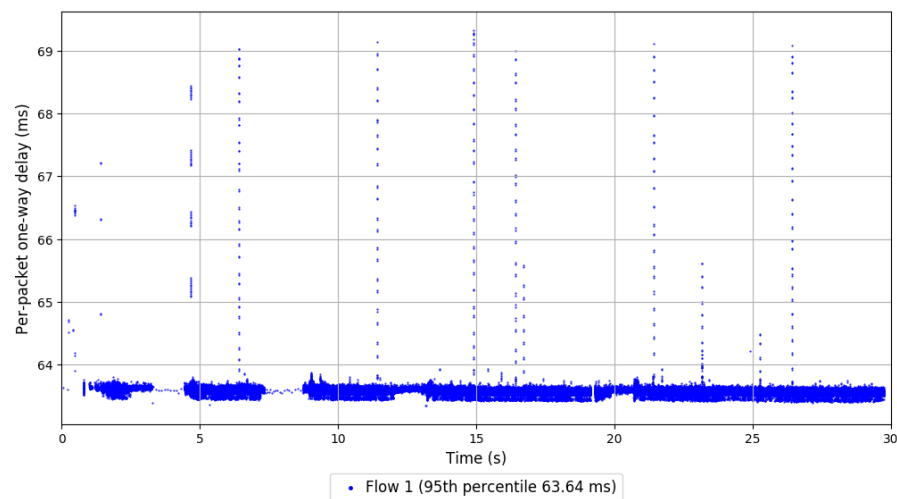
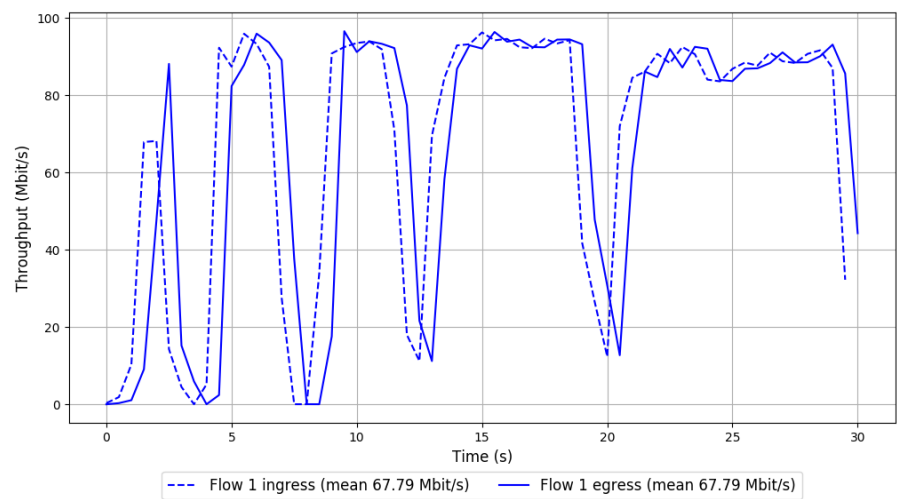


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-27 22:15:09
End at: 2018-08-27 22:15:40
Local clock offset: -1.041 ms
Remote clock offset: -31.951 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.79 Mbit/s
95th percentile per-packet one-way delay: 63.641 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.79 Mbit/s
95th percentile per-packet one-way delay: 63.641 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

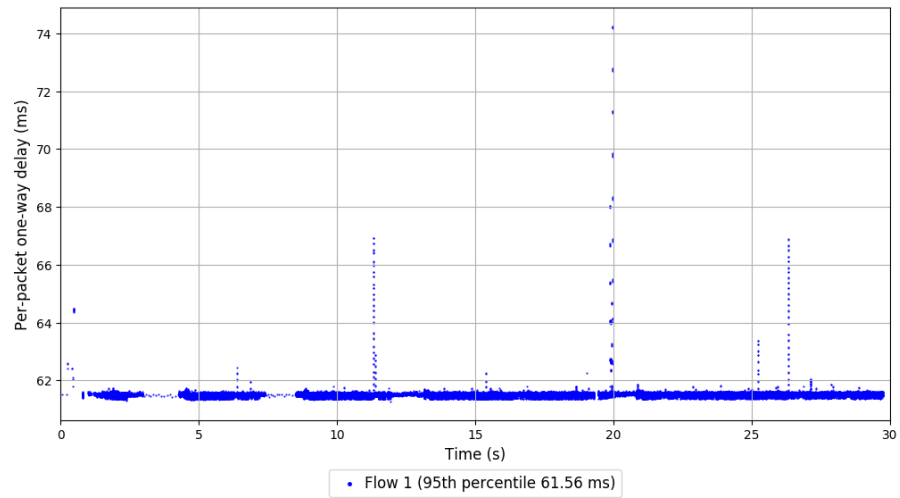
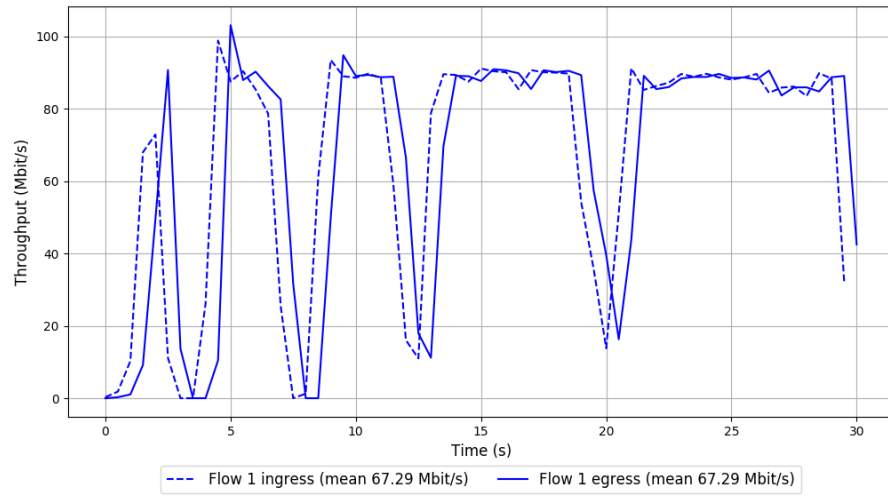


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-27 22:42:17
End at: 2018-08-27 22:42:47
Local clock offset: -3.021 ms
Remote clock offset: -36.768 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.29 Mbit/s
95th percentile per-packet one-way delay: 61.564 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.29 Mbit/s
95th percentile per-packet one-way delay: 61.564 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

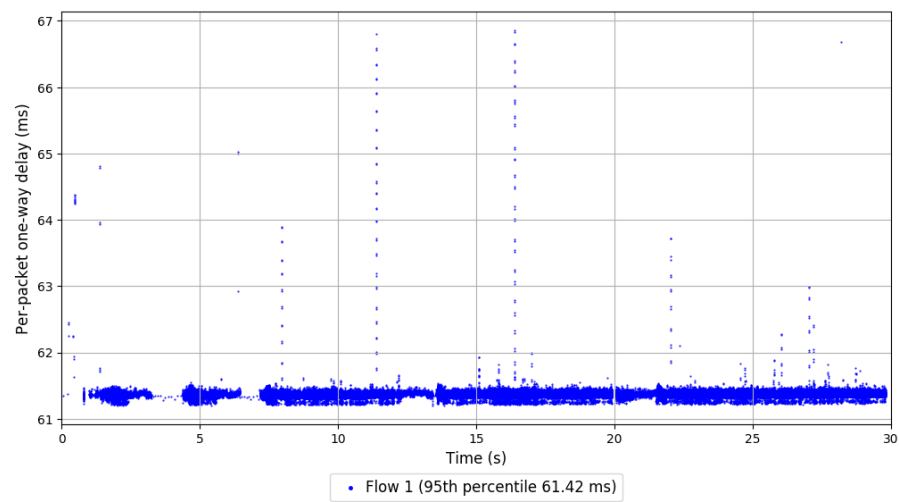
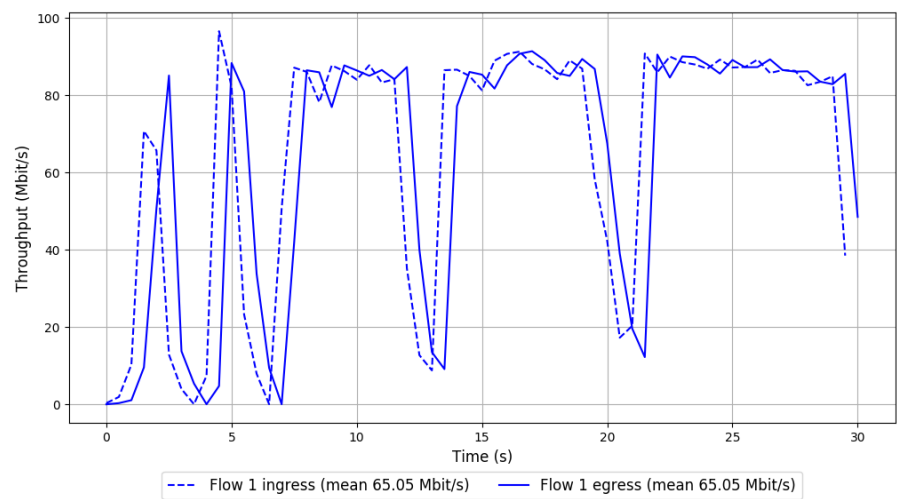


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-27 23:03:44
End at: 2018-08-27 23:04:14
Local clock offset: -0.016 ms
Remote clock offset: -34.501 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.05 Mbit/s
95th percentile per-packet one-way delay: 61.419 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.05 Mbit/s
95th percentile per-packet one-way delay: 61.419 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-08-27 23:25:08

End at: 2018-08-27 23:25:38

Local clock offset: 2.043 ms

Remote clock offset: -33.28 ms

Below is generated by plot.py at 2018-08-28 01:19:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.07 Mbit/s

95th percentile per-packet one-way delay: 60.755 ms

Loss rate: 0.00%

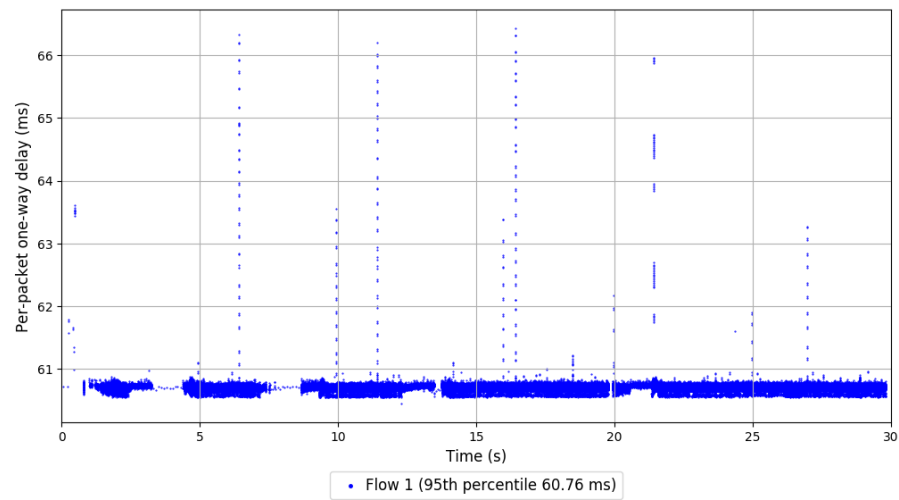
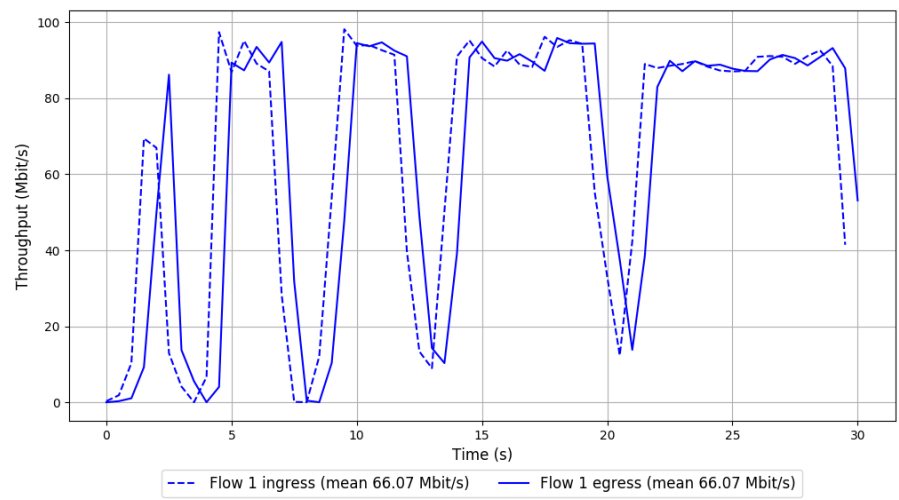
-- Flow 1:

Average throughput: 66.07 Mbit/s

95th percentile per-packet one-way delay: 60.755 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

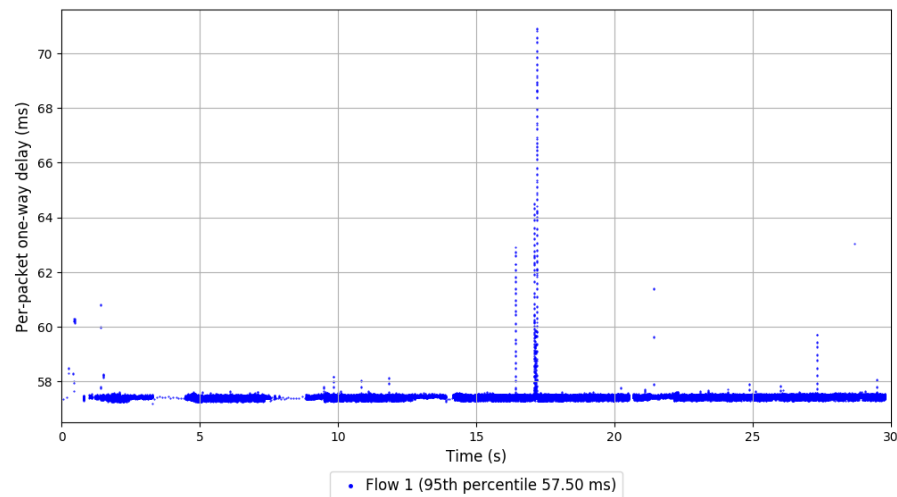
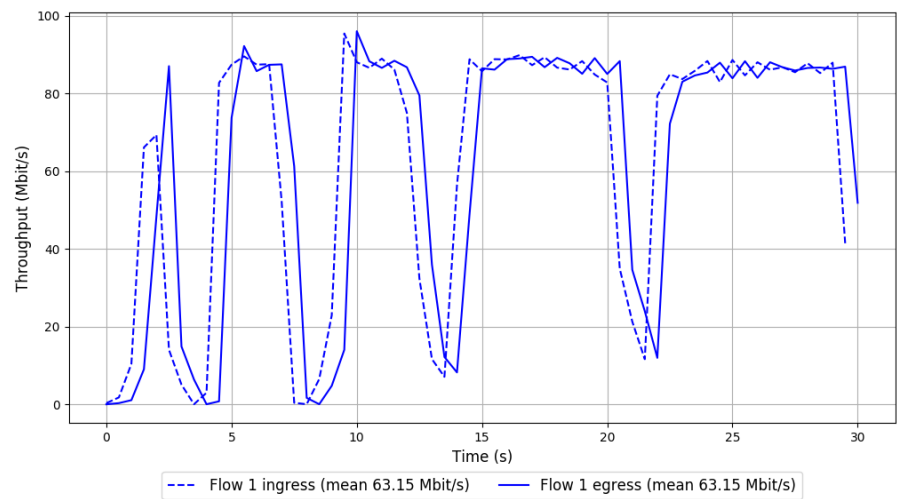


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-27 23:52:17
End at: 2018-08-27 23:52:47
Local clock offset: 3.165 ms
Remote clock offset: -37.949 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.15 Mbit/s
95th percentile per-packet one-way delay: 57.497 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.15 Mbit/s
95th percentile per-packet one-way delay: 57.497 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

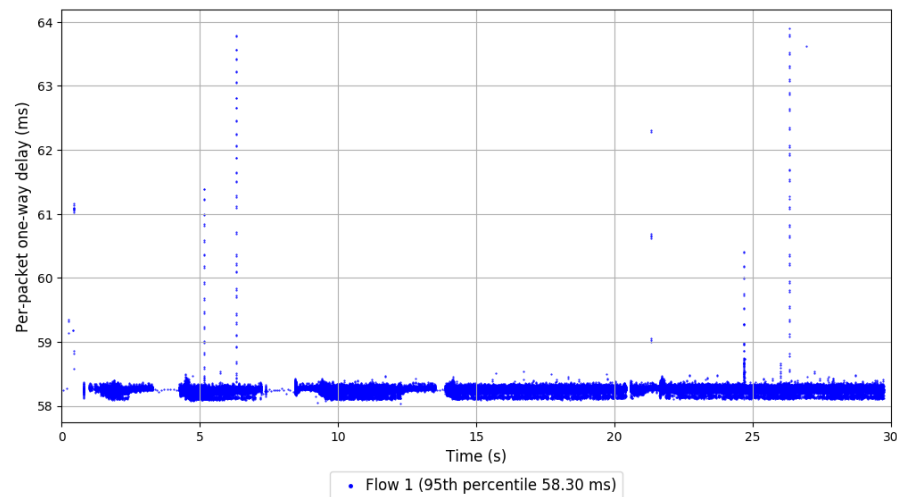
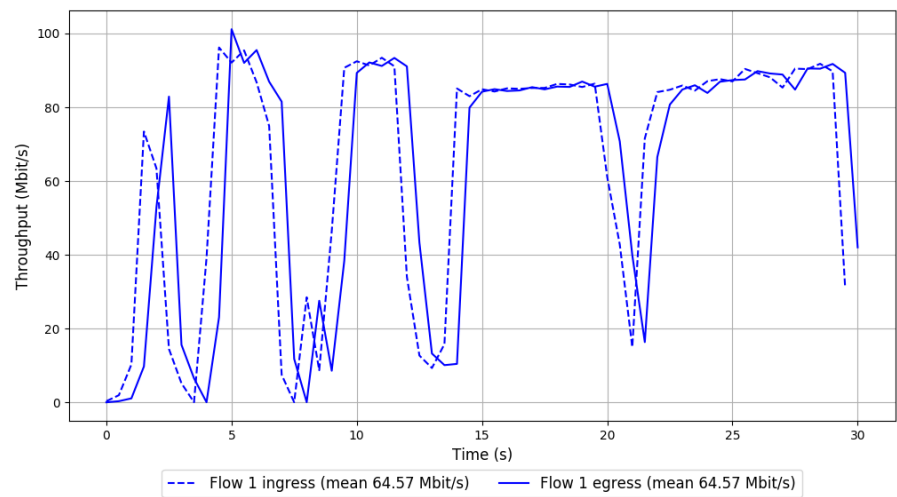


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-28 00:13:47
End at: 2018-08-28 00:14:17
Local clock offset: 2.717 ms
Remote clock offset: -38.367 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.57 Mbit/s
95th percentile per-packet one-way delay: 58.304 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.57 Mbit/s
95th percentile per-packet one-way delay: 58.304 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-08-28 00:35:19

End at: 2018-08-28 00:35:49

Local clock offset: 3.163 ms

Remote clock offset: -37.806 ms

Below is generated by plot.py at 2018-08-28 01:19:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.87 Mbit/s

95th percentile per-packet one-way delay: 58.643 ms

Loss rate: 0.00%

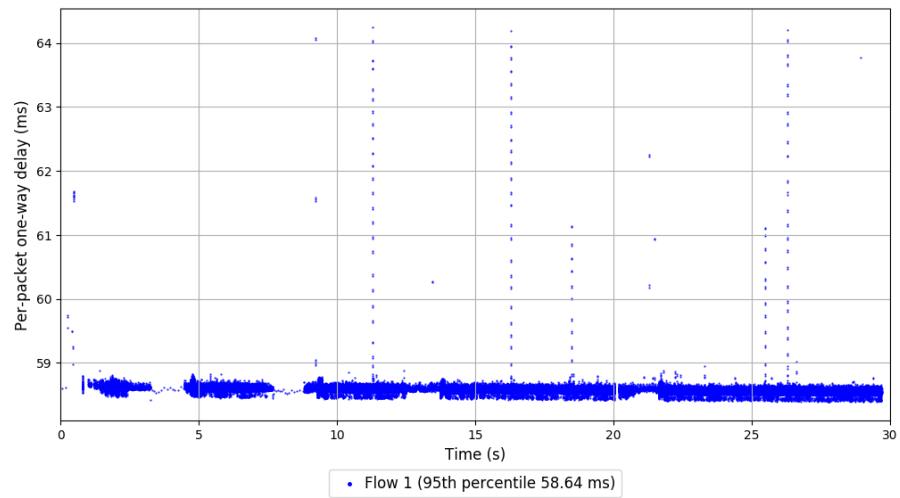
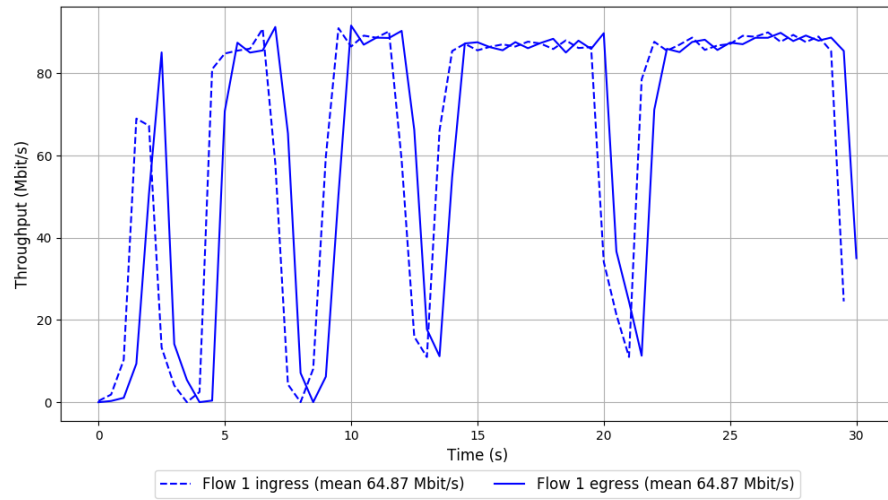
-- Flow 1:

Average throughput: 64.87 Mbit/s

95th percentile per-packet one-way delay: 58.643 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

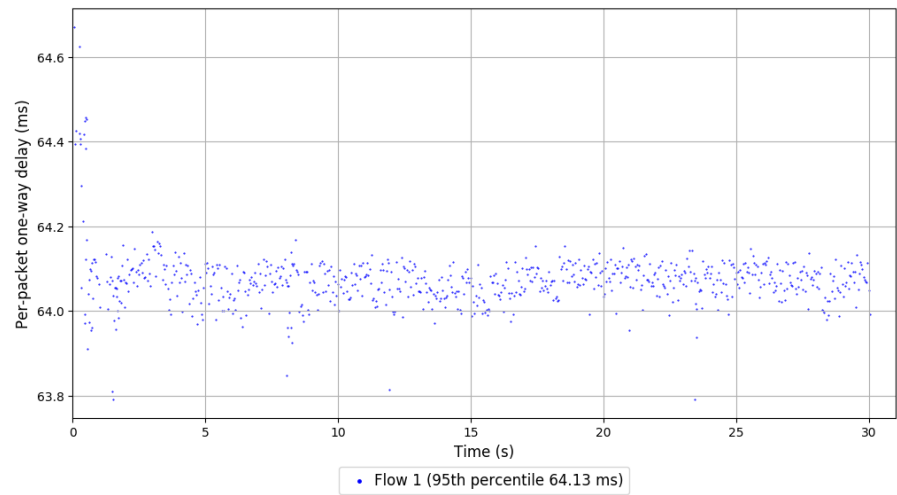
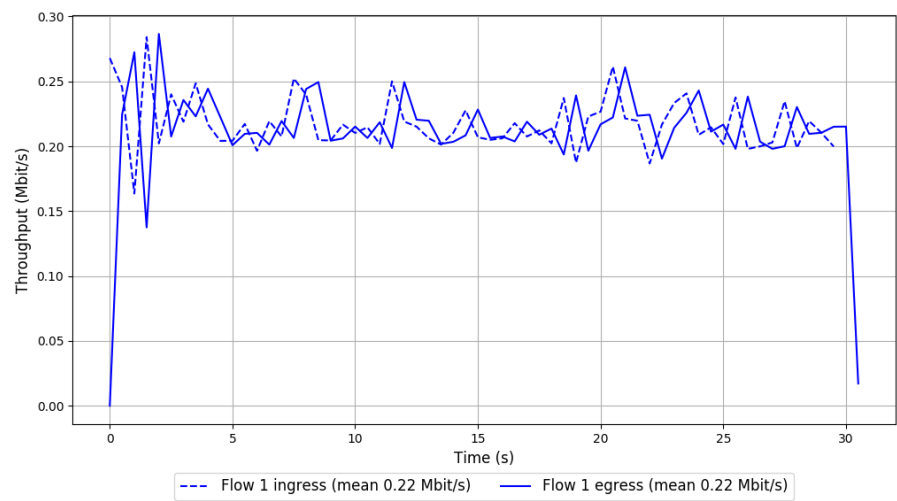


Run 1: Statistics of SCReAM

Start at: 2018-08-27 20:55:05
End at: 2018-08-27 20:55:35
Local clock offset: 0.918 ms
Remote clock offset: -32.86 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.134 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.134 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

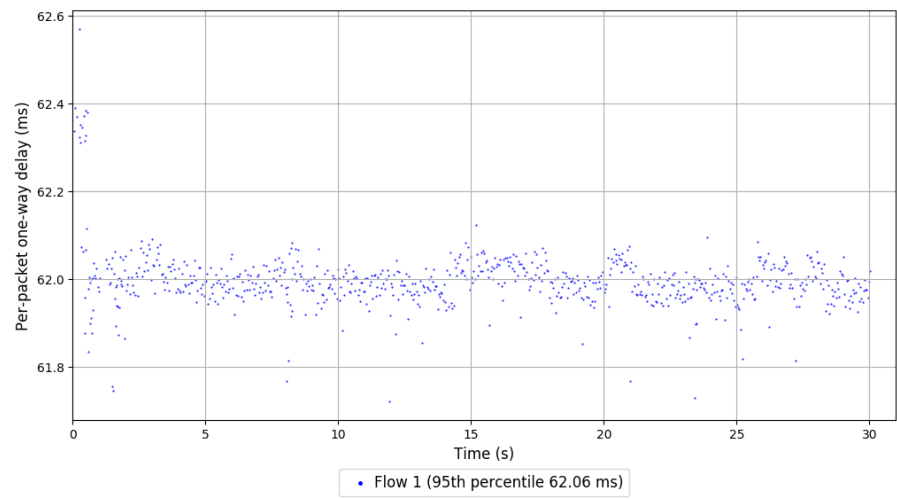
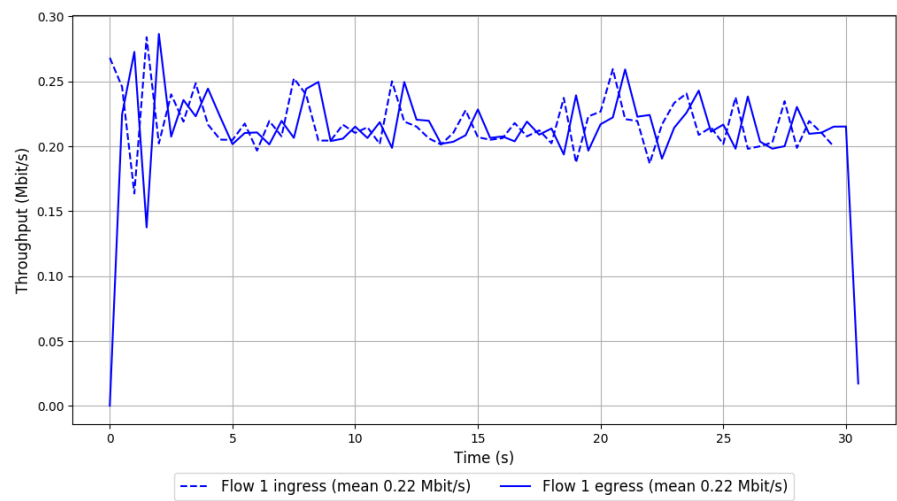


Run 2: Statistics of SCReAM

Start at: 2018-08-27 21:27:45
End at: 2018-08-27 21:28:15
Local clock offset: 1.094 ms
Remote clock offset: -34.937 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.063 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.063 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

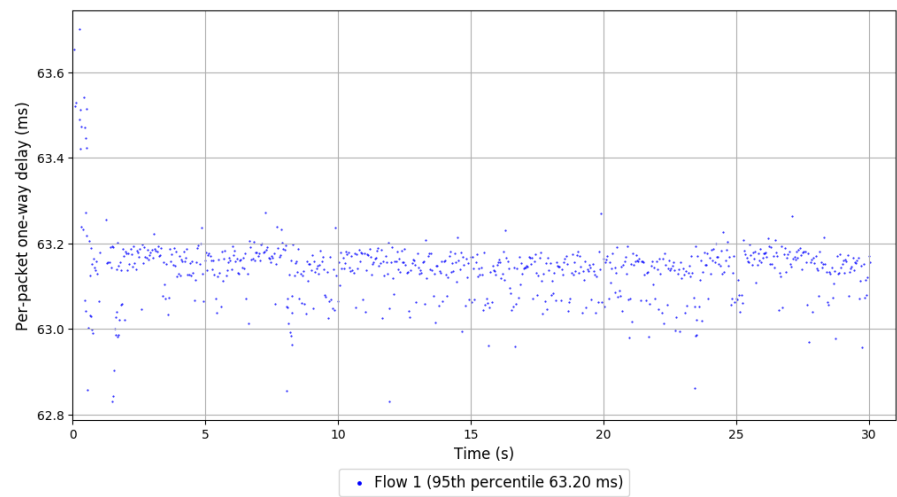
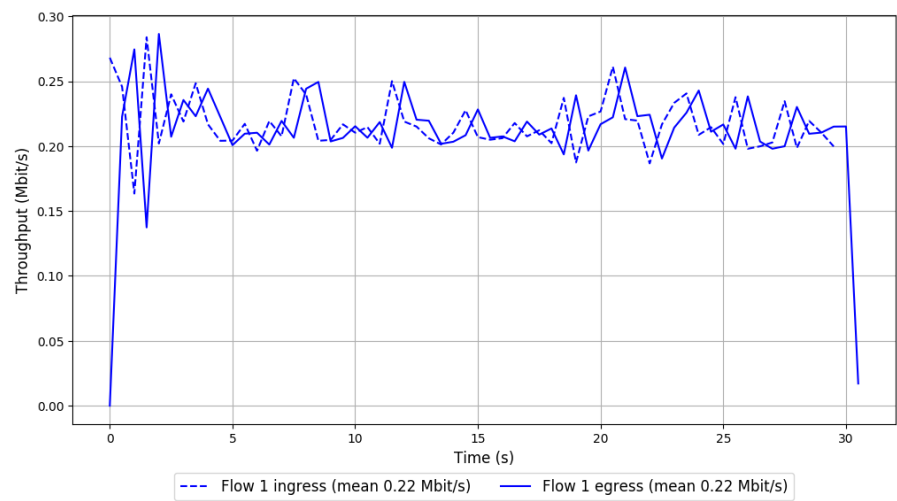


Run 3: Statistics of SCReAM

Start at: 2018-08-27 21:54:48
End at: 2018-08-27 21:55:19
Local clock offset: 1.854 ms
Remote clock offset: -31.556 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.201 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

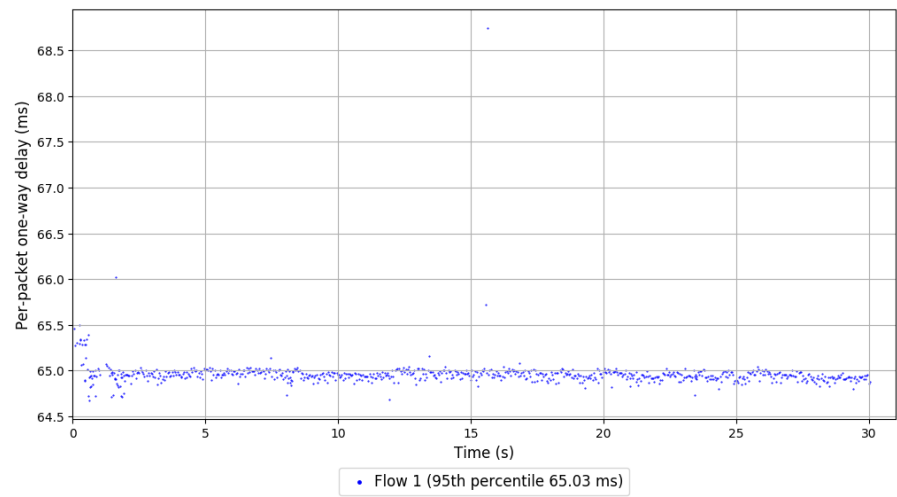
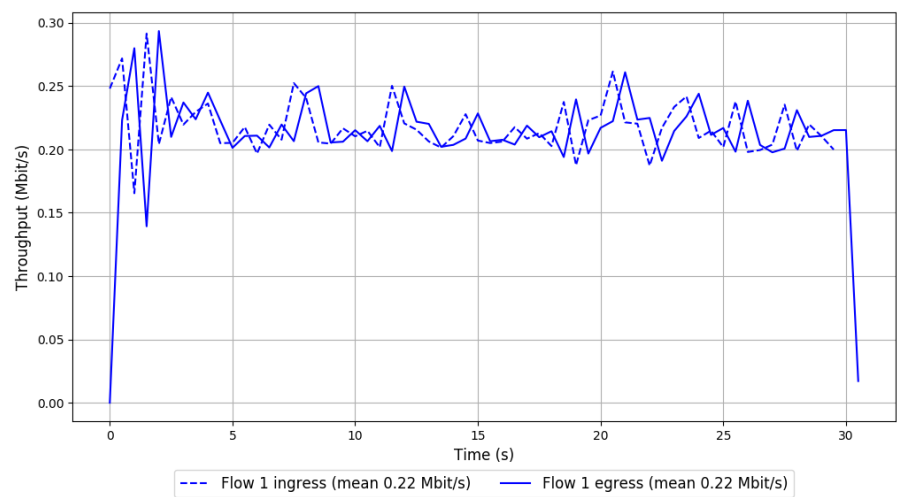


Run 4: Statistics of SCReAM

Start at: 2018-08-27 22:16:23
End at: 2018-08-27 22:16:53
Local clock offset: 0.94 ms
Remote clock offset: -31.003 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.028 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.028 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

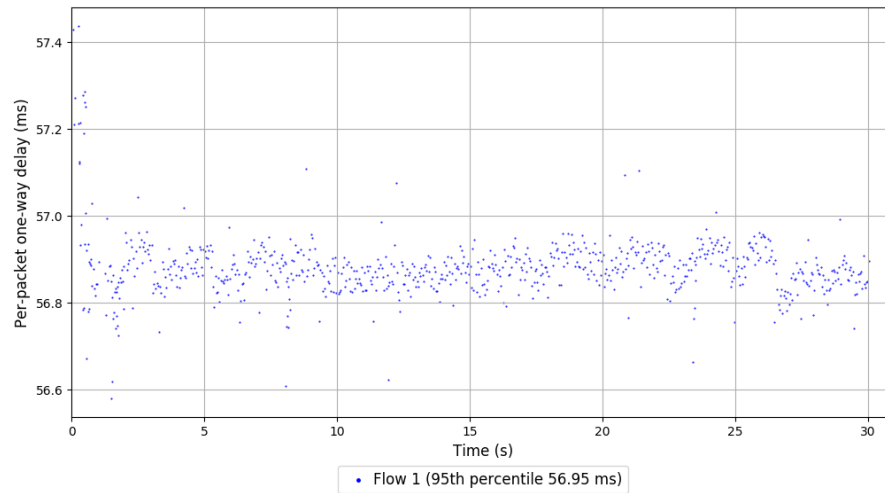
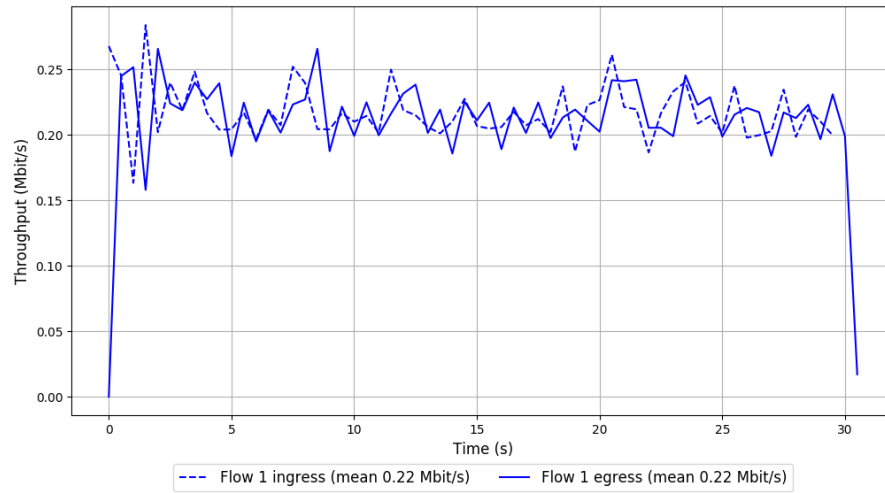


Run 5: Statistics of SCReAM

Start at: 2018-08-27 22:43:32
End at: 2018-08-27 22:44:02
Local clock offset: 2.889 ms
Remote clock offset: -35.71 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.953 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.953 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

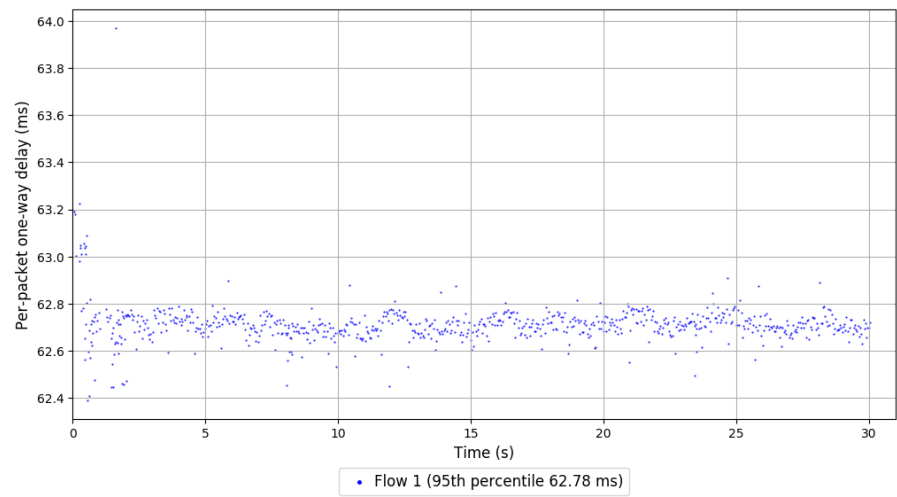
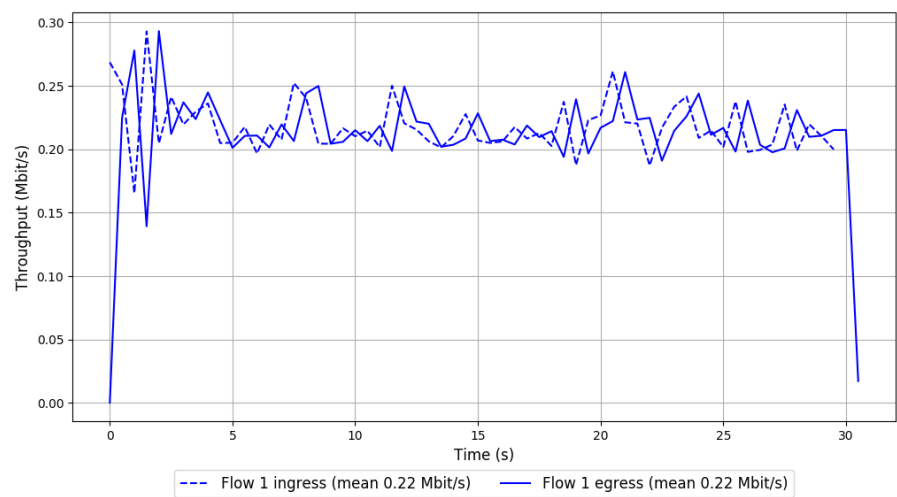


Run 6: Statistics of SCReAM

Start at: 2018-08-27 23:04:57
End at: 2018-08-27 23:05:27
Local clock offset: 0.691 ms
Remote clock offset: -35.156 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.784 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.784 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

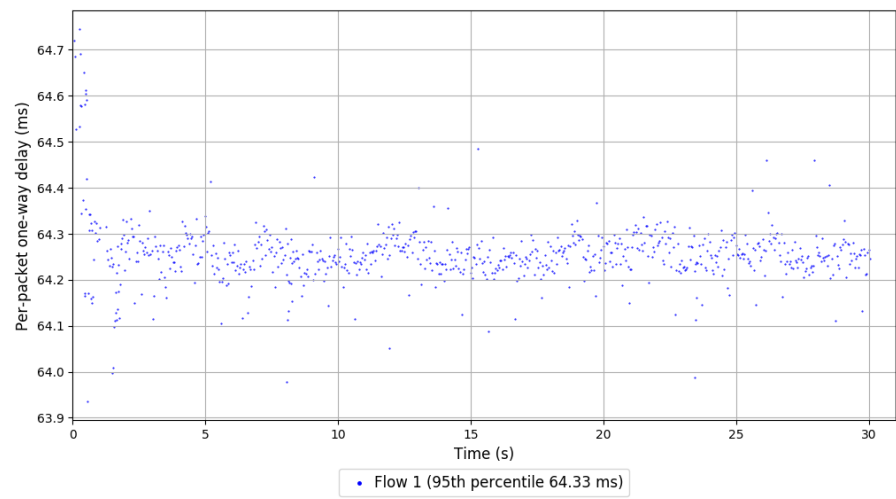
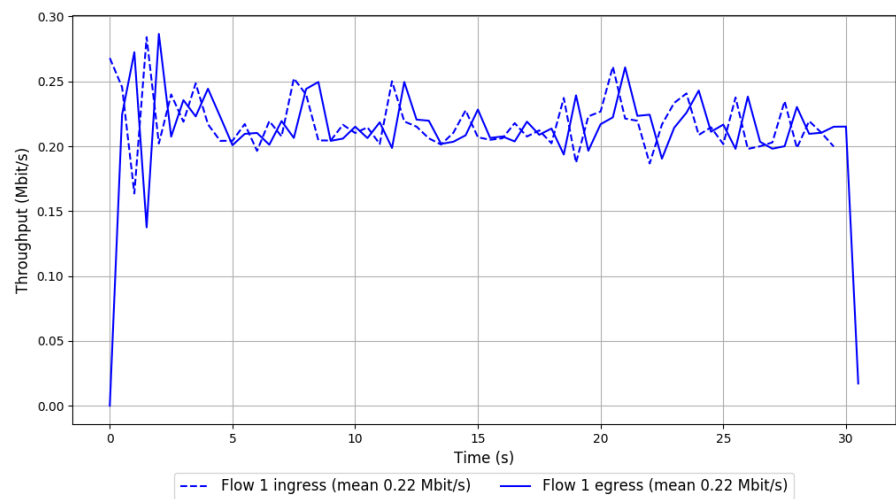


Run 7: Statistics of SCReAM

Start at: 2018-08-27 23:26:21
End at: 2018-08-27 23:26:51
Local clock offset: 0.73 ms
Remote clock offset: -31.489 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.326 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.326 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

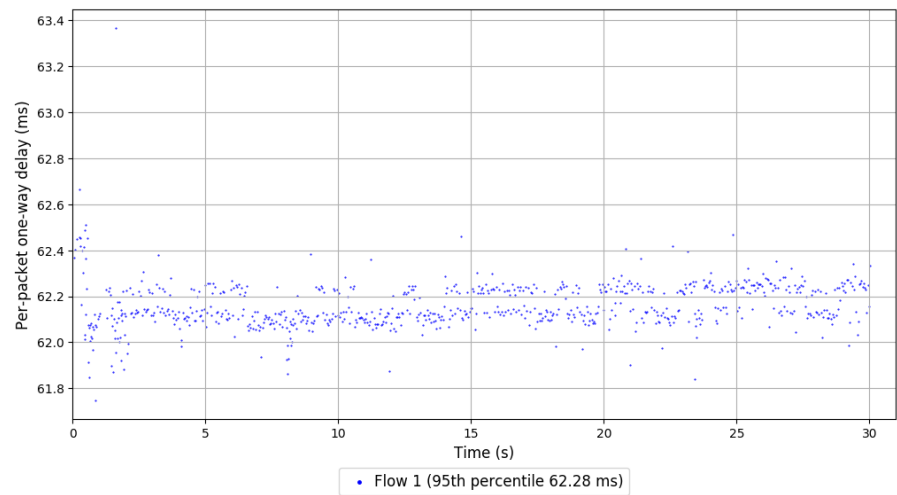
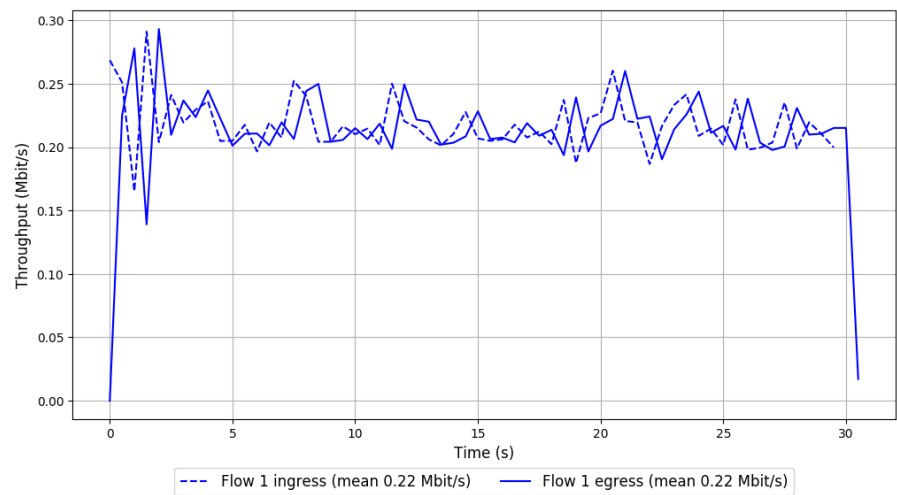


Run 8: Statistics of SCReAM

Start at: 2018-08-27 23:53:30
End at: 2018-08-27 23:54:00
Local clock offset: 1.397 ms
Remote clock offset: -37.996 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.283 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.283 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

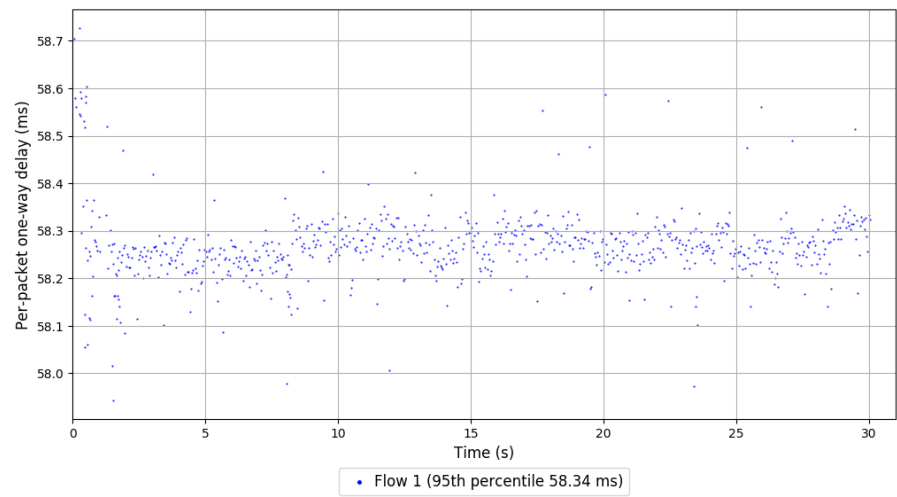
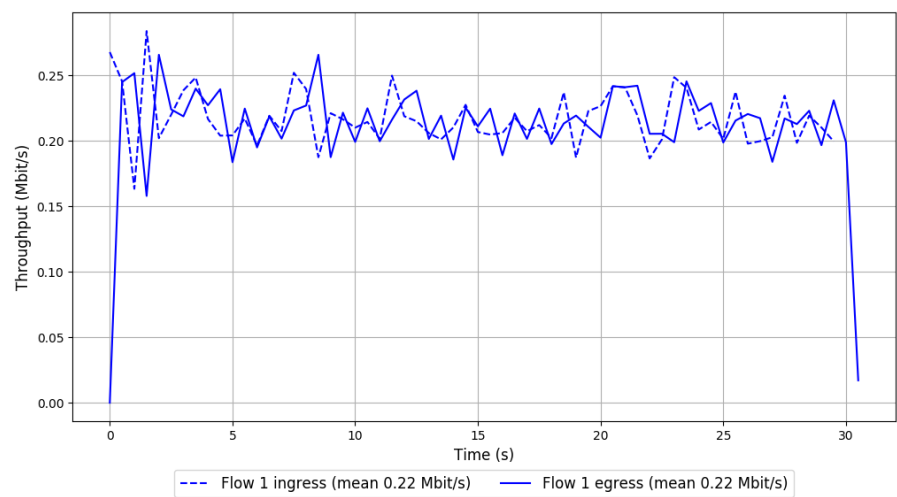


Run 9: Statistics of SCReAM

Start at: 2018-08-28 00:15:00
End at: 2018-08-28 00:15:30
Local clock offset: 2.82 ms
Remote clock offset: -38.576 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.343 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.343 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

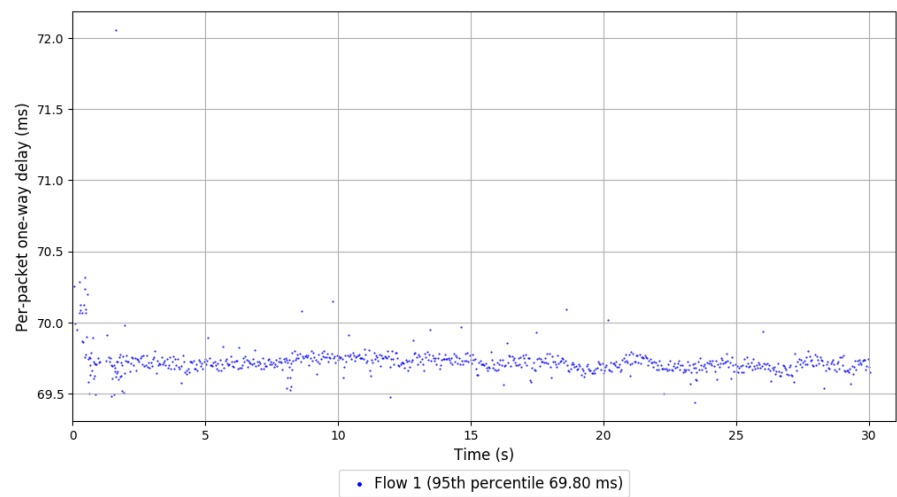
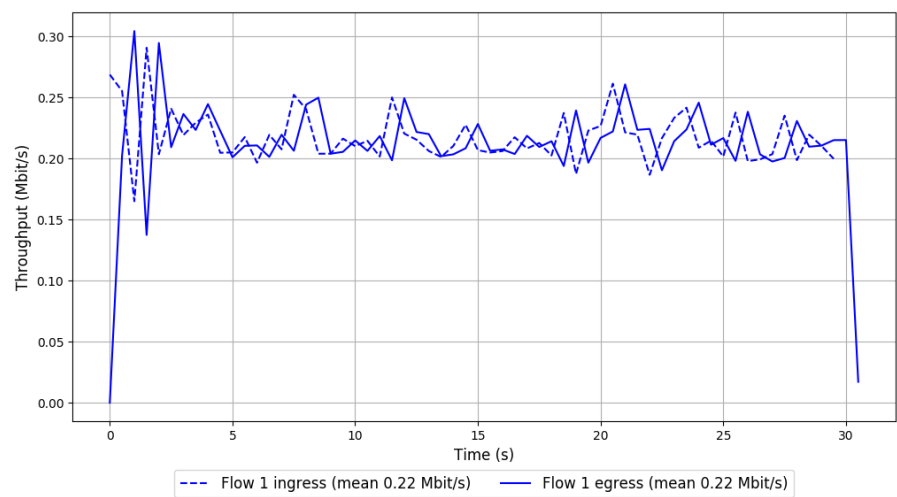


Run 10: Statistics of SReAM

Start at: 2018-08-28 00:36:32
End at: 2018-08-28 00:37:02
Local clock offset: -0.429 ms
Remote clock offset: -33.013 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.801 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.801 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link



Run 1: Statistics of Sprout

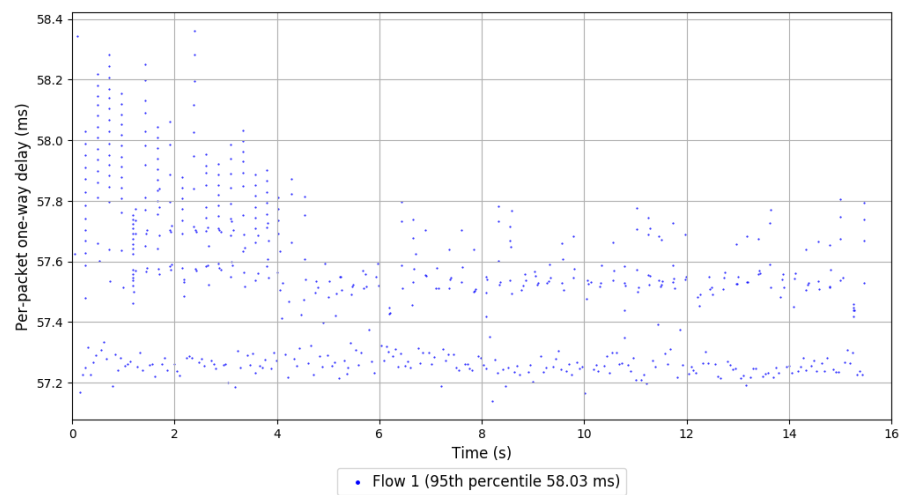
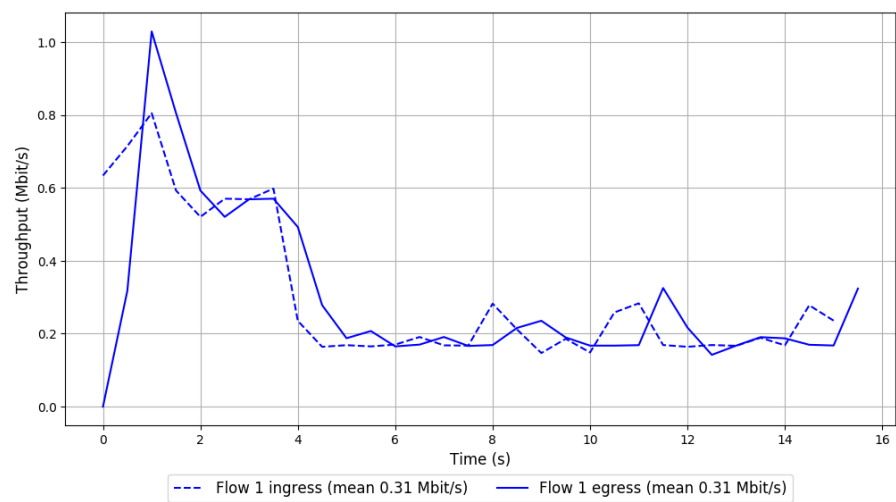
Start at: 2018-08-27 20:48:49

End at: 2018-08-27 20:49:19

Local clock offset: 1.409 ms

Remote clock offset: -39.049 ms

Run 1: Report of Sprout — Data Link

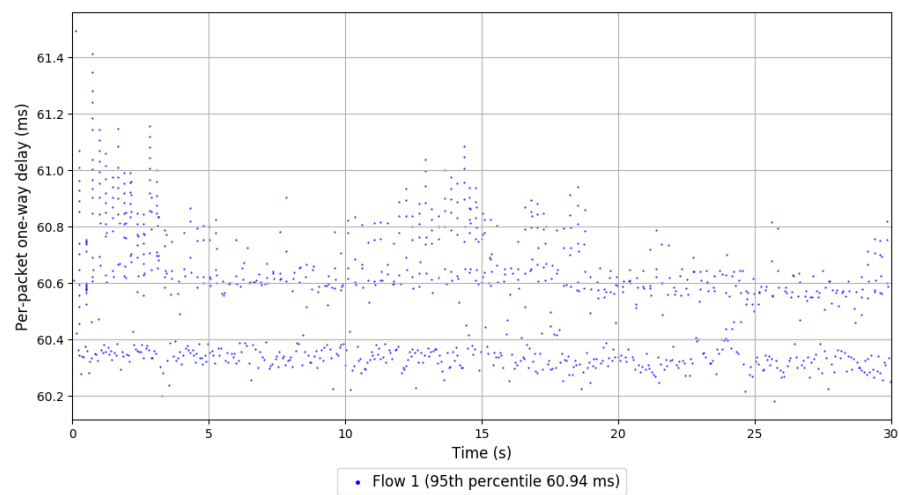
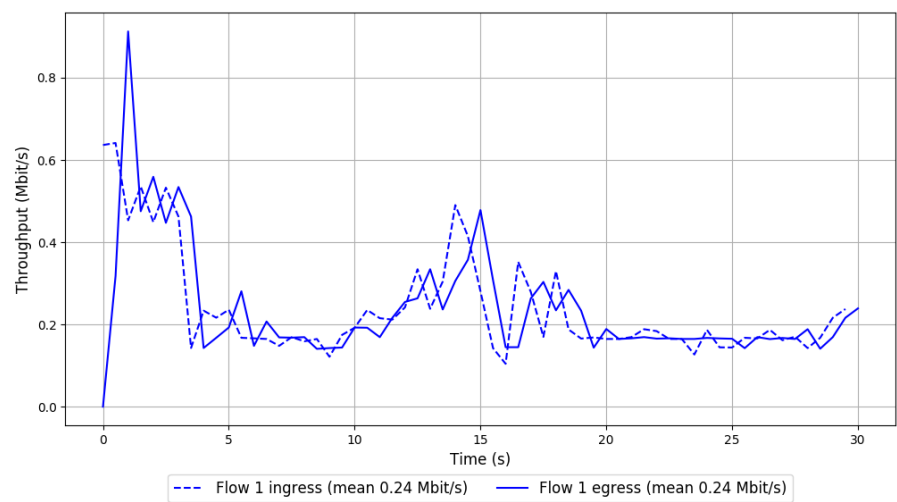


Run 2: Statistics of Sprout

Start at: 2018-08-27 21:21:24
End at: 2018-08-27 21:21:54
Local clock offset: 2.221 ms
Remote clock offset: -35.547 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 60.938 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 60.938 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

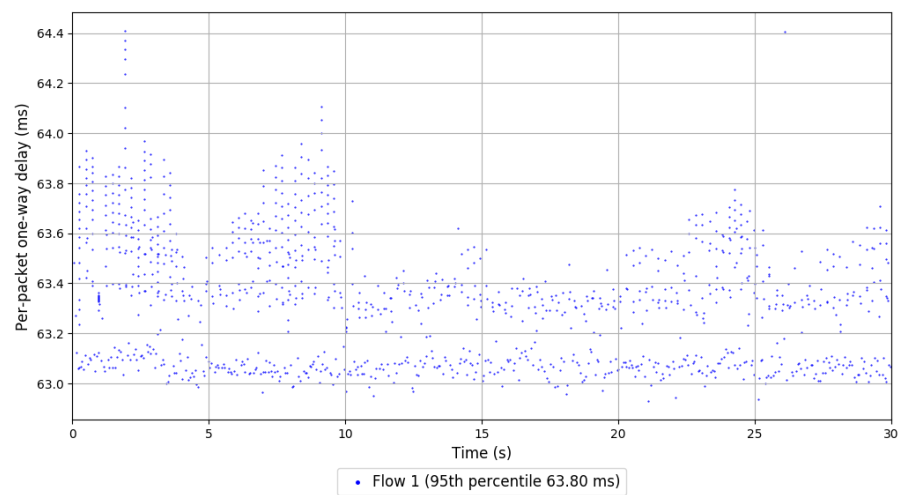
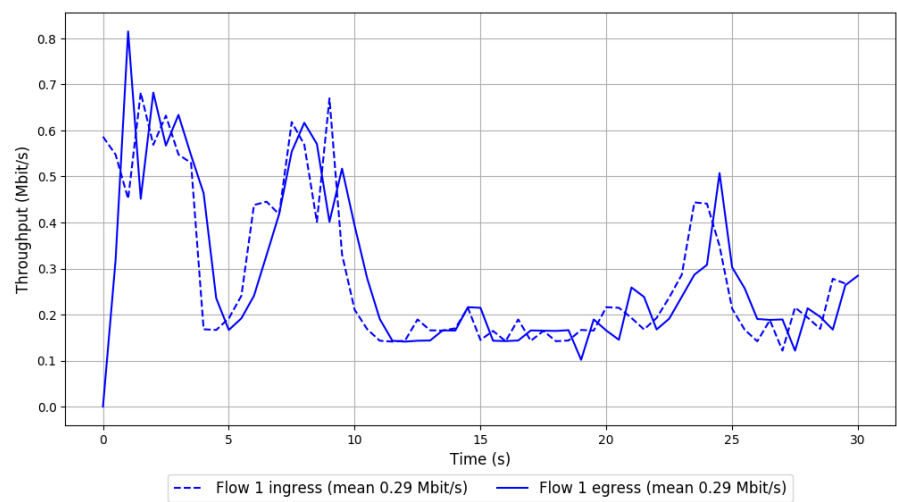


Run 3: Statistics of Sprout

Start at: 2018-08-27 21:48:27
End at: 2018-08-27 21:48:57
Local clock offset: 2.813 ms
Remote clock offset: -30.932 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 63.798 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 63.798 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

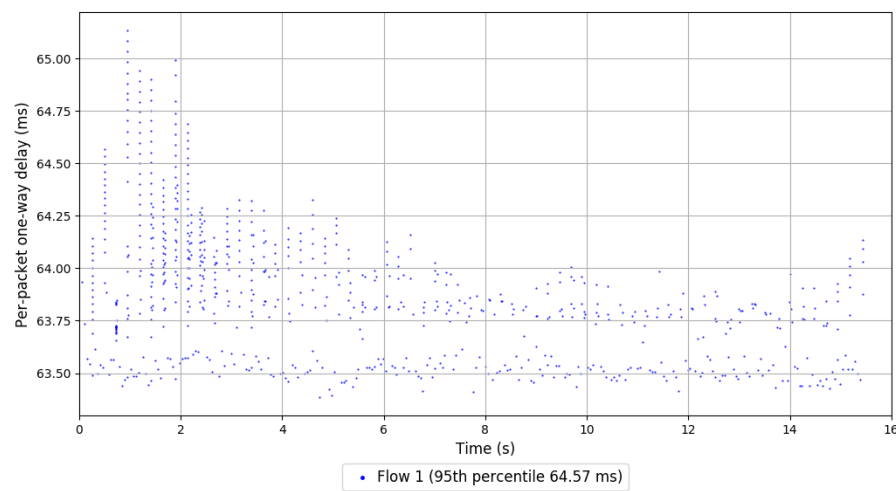
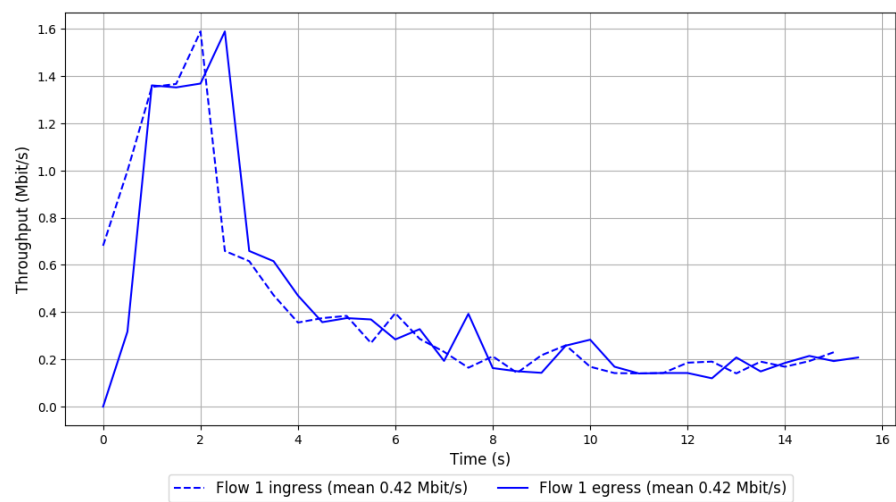
Start at: 2018-08-27 22:10:02

End at: 2018-08-27 22:10:32

Local clock offset: 0.273 ms

Remote clock offset: -31.143 ms

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

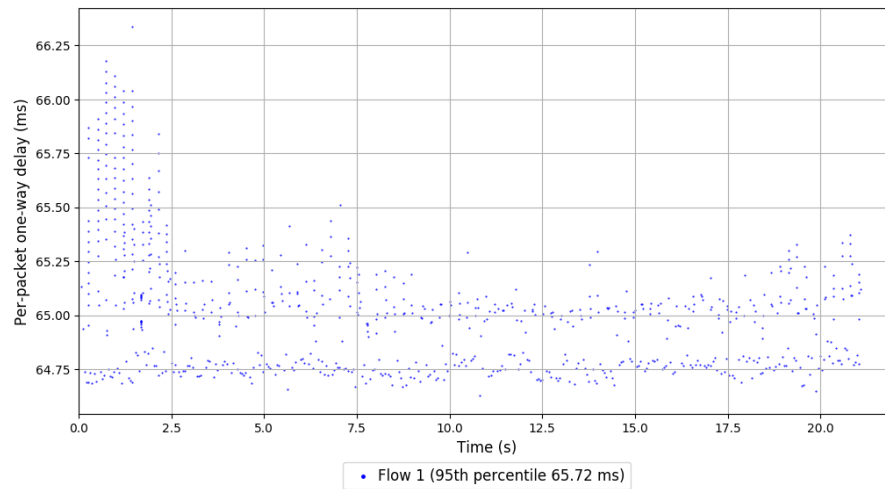
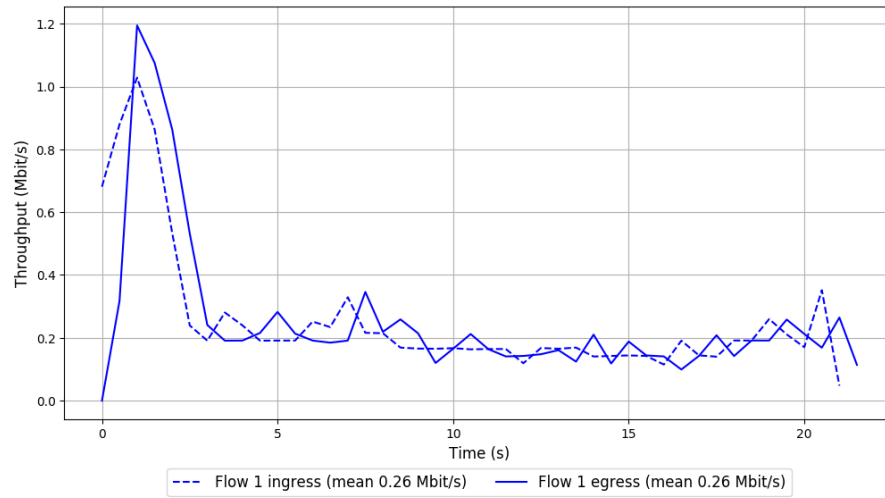
Start at: 2018-08-27 22:31:34

End at: 2018-08-27 22:32:04

Local clock offset: -0.744 ms

Remote clock offset: -29.37 ms

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

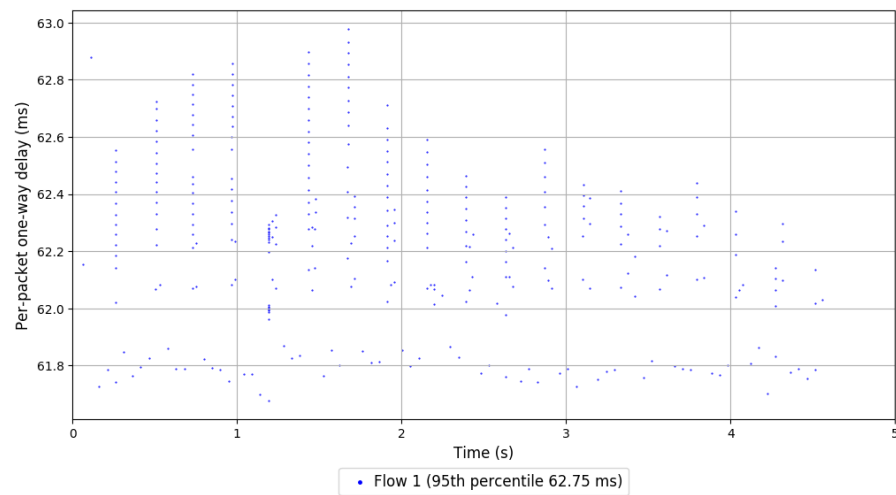
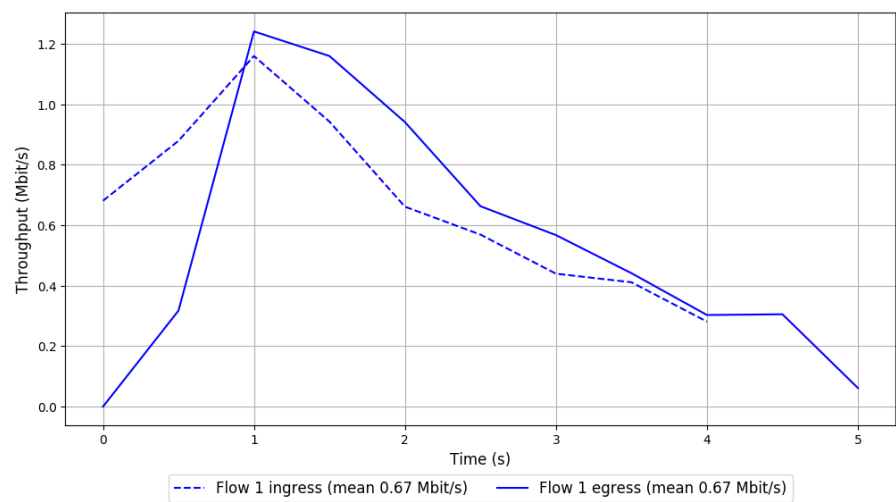
Start at: 2018-08-27 22:58:41

End at: 2018-08-27 22:59:12

Local clock offset: -1.693 ms

Remote clock offset: -35.423 ms

Run 6: Report of Sprout — Data Link

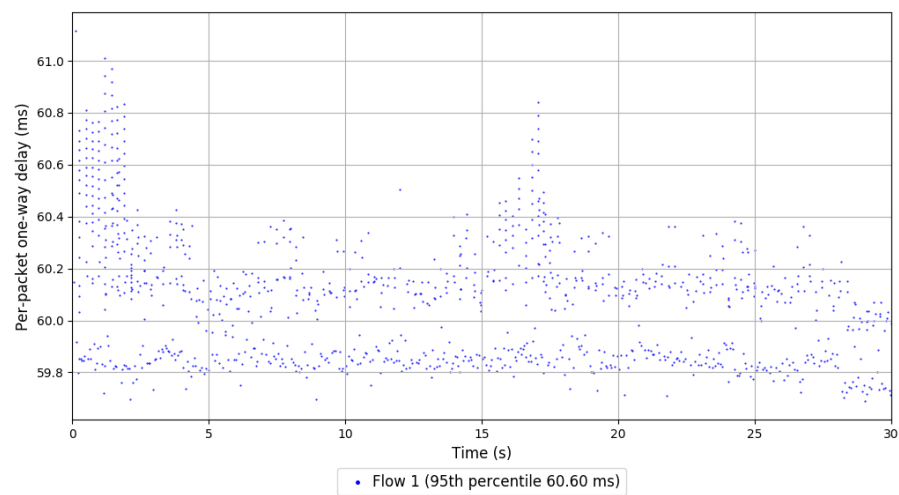
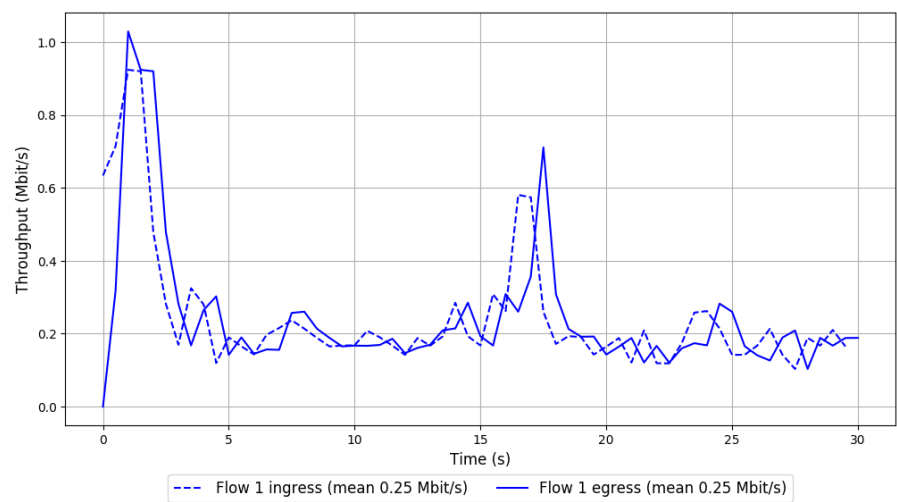


Run 7: Statistics of Sprout

Start at: 2018-08-27 23:20:05
End at: 2018-08-27 23:20:35
Local clock offset: 1.614 ms
Remote clock offset: -34.789 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 60.599 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 60.599 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

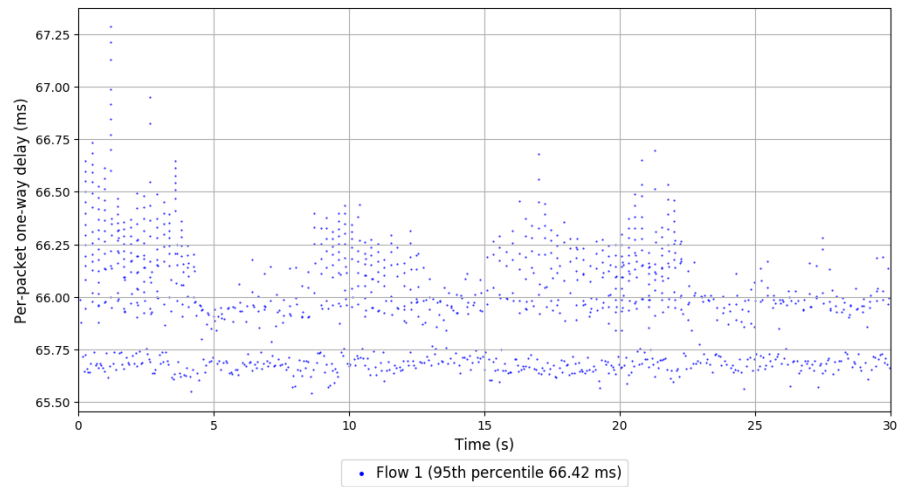
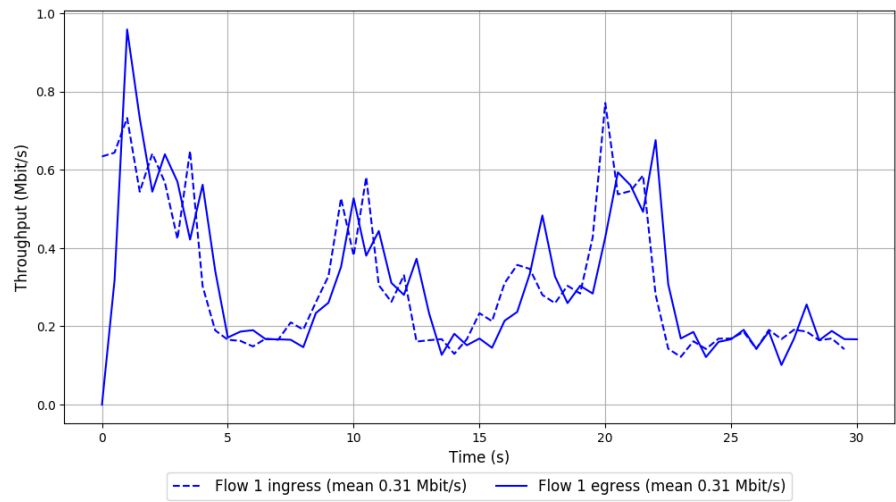


Run 8: Statistics of Sprout

Start at: 2018-08-27 23:41:35
End at: 2018-08-27 23:42:05
Local clock offset: 1.57 ms
Remote clock offset: -32.612 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 66.421 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 66.421 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

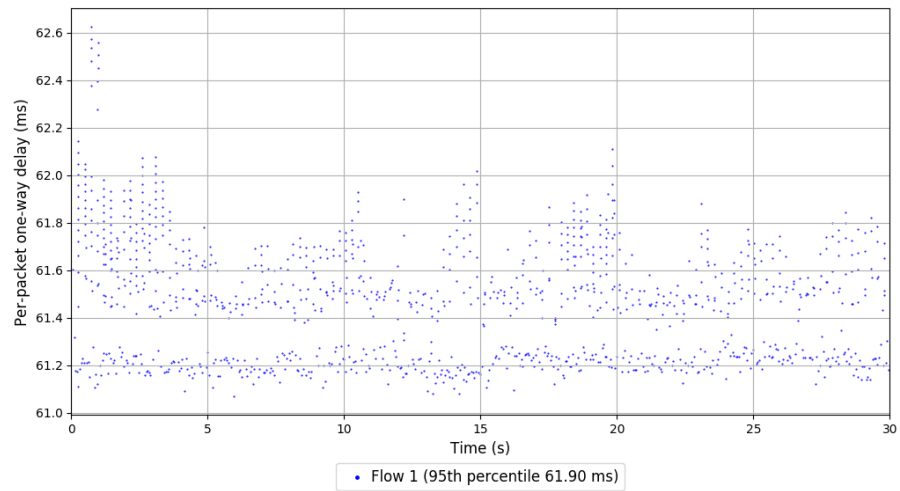
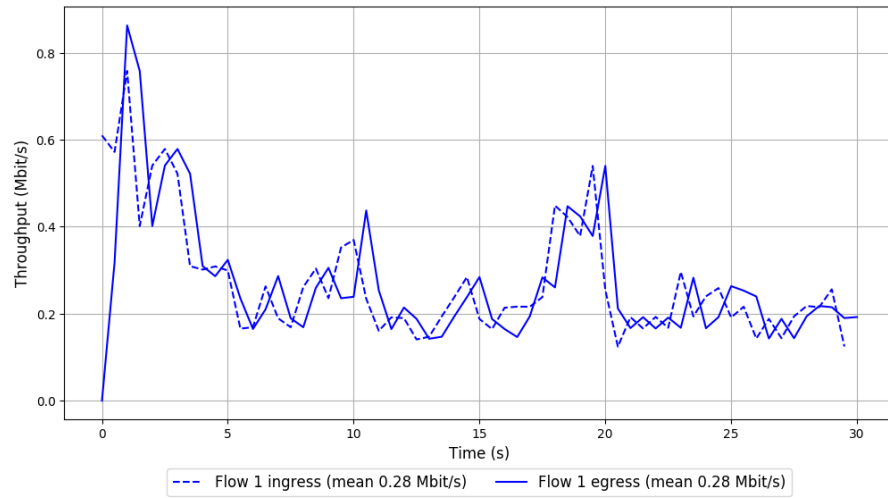


Run 9: Statistics of Sprout

Start at: 2018-08-28 00:08:42
End at: 2018-08-28 00:09:12
Local clock offset: -2.16 ms
Remote clock offset: -40.157 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 61.895 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 61.895 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

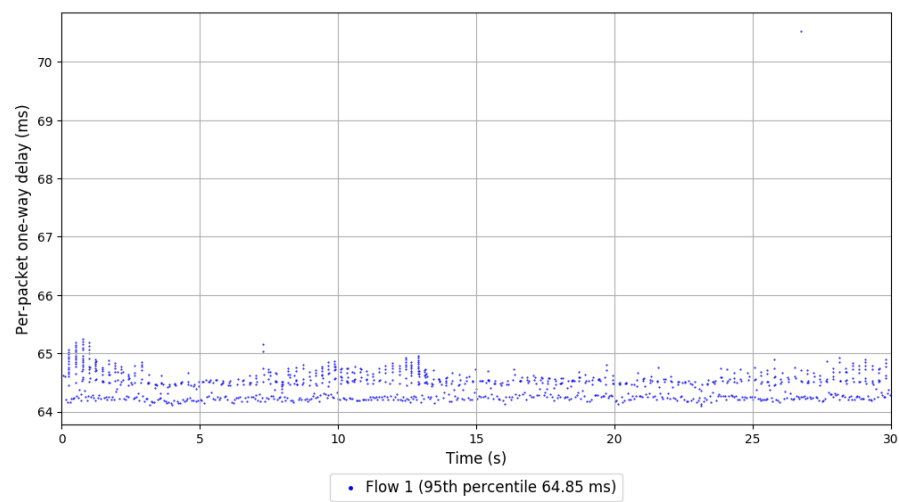
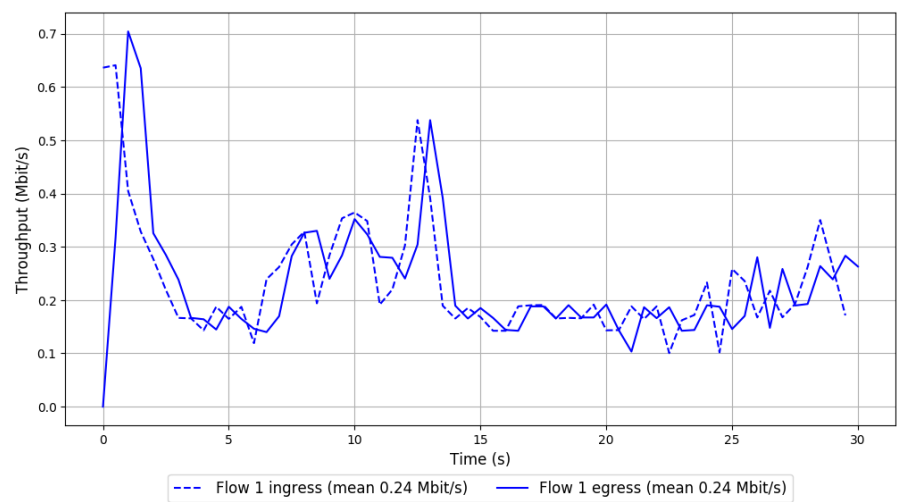


Run 10: Statistics of Sprout

Start at: 2018-08-28 00:30:12
End at: 2018-08-28 00:30:42
Local clock offset: 2.484 ms
Remote clock offset: -33.357 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 64.847 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 64.847 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

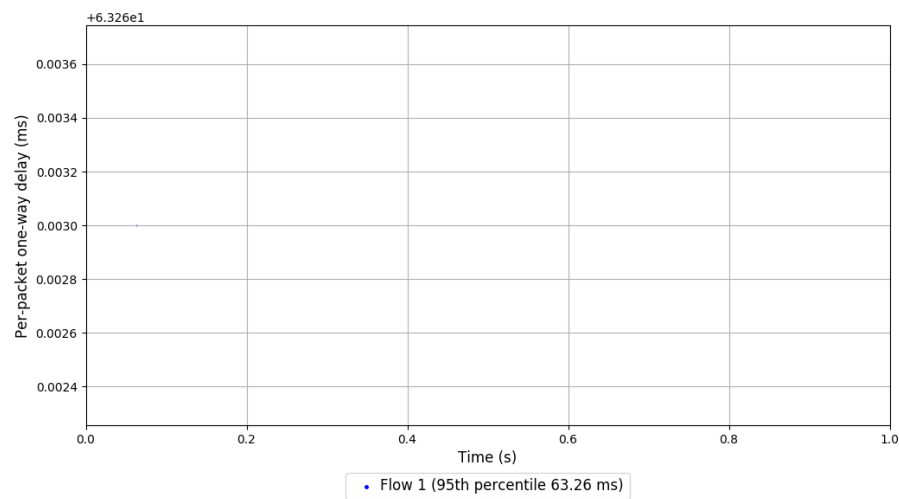
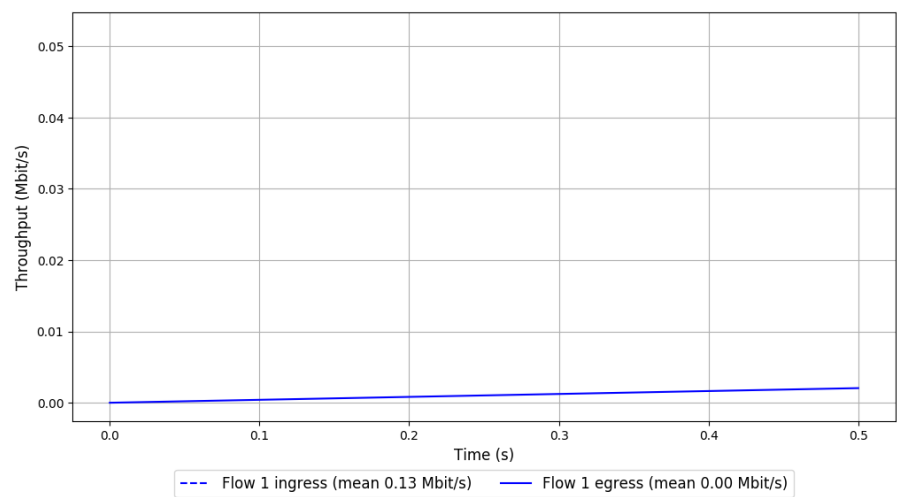
Start at: 2018-08-27 20:38:43

End at: 2018-08-27 20:39:13

Local clock offset: -0.759 ms

Remote clock offset: -35.235 ms

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



Run 2: Statistics of TaoVA-100x

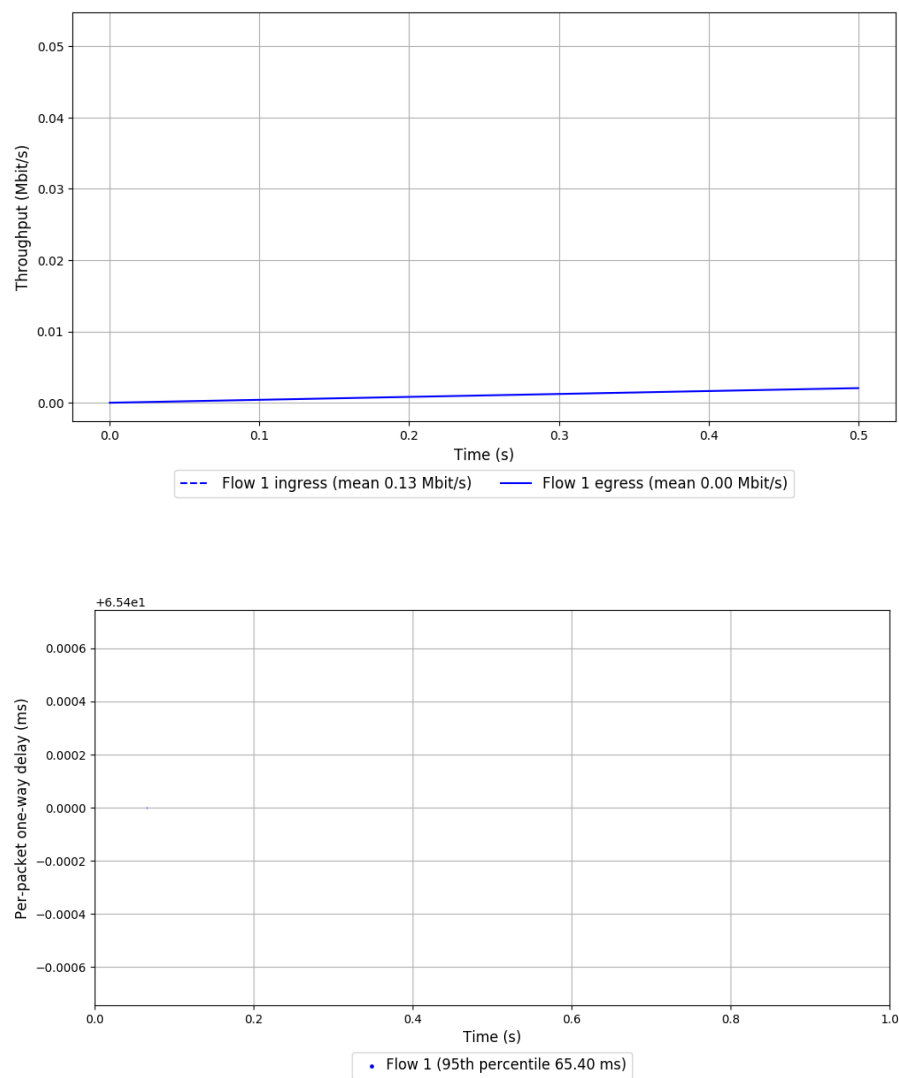
Start at: 2018-08-27 21:00:18

End at: 2018-08-27 21:00:48

Local clock offset: 0.603 ms

Remote clock offset: -34.644 ms

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



Run 3: Statistics of TaoVA-100x

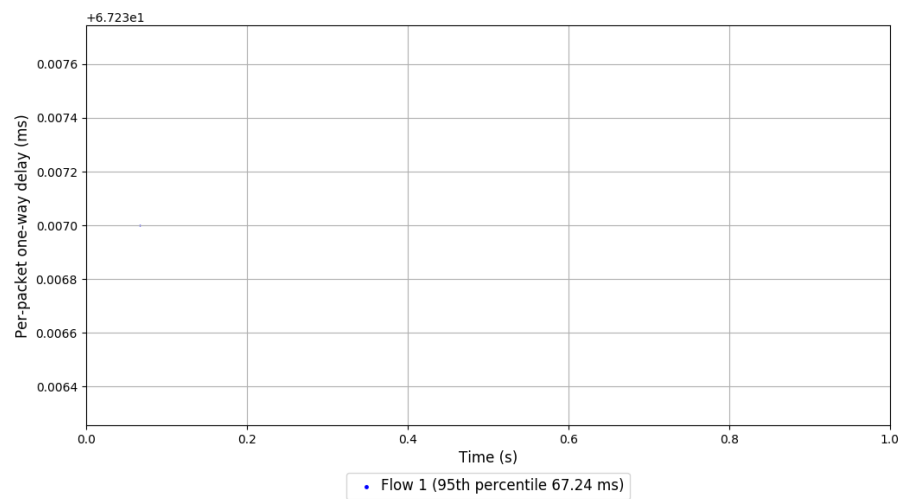
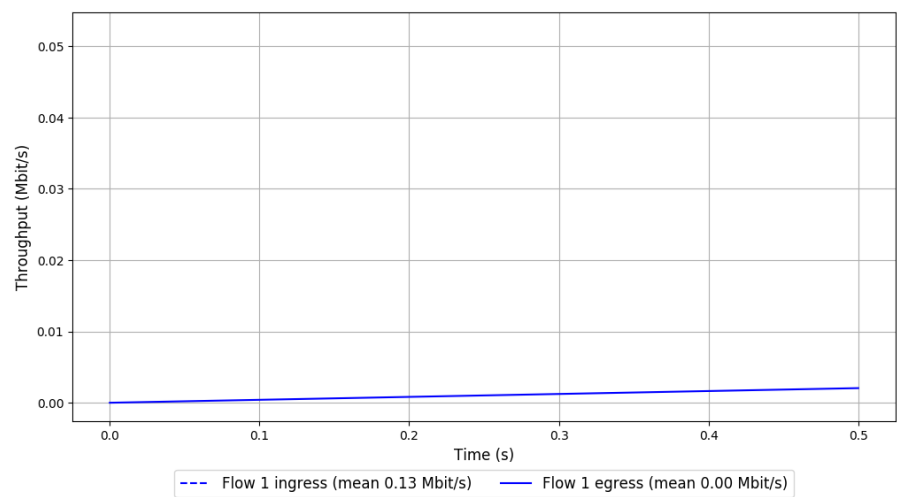
Start at: 2018-08-27 21:32:58

End at: 2018-08-27 21:33:28

Local clock offset: -0.624 ms

Remote clock offset: -33.841 ms

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



Run 4: Statistics of TaoVA-100x

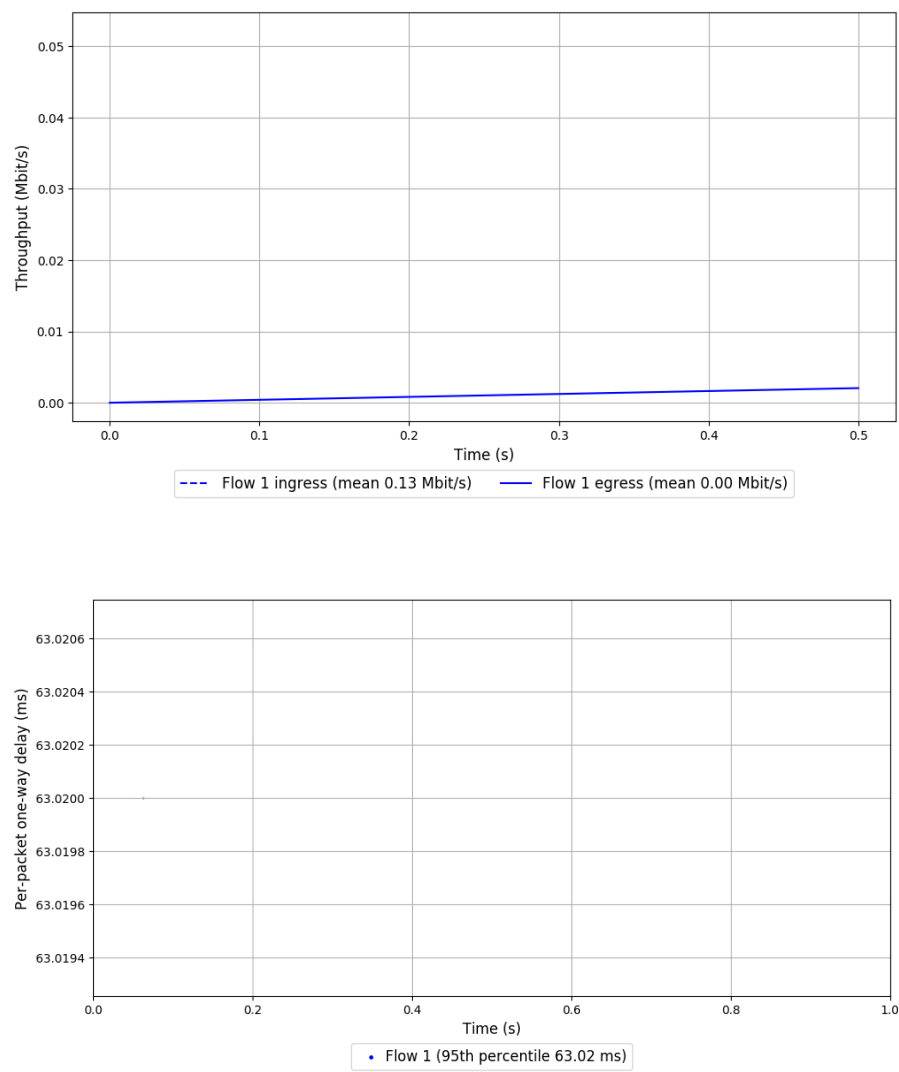
Start at: 2018-08-27 22:00:01

End at: 2018-08-27 22:00:31

Local clock offset: -1.321 ms

Remote clock offset: -35.35 ms

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



Run 5: Statistics of TaoVA-100x

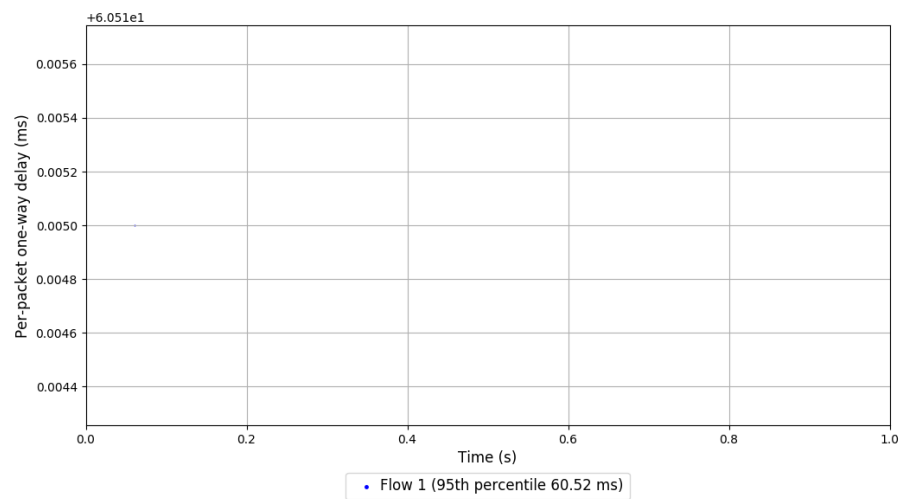
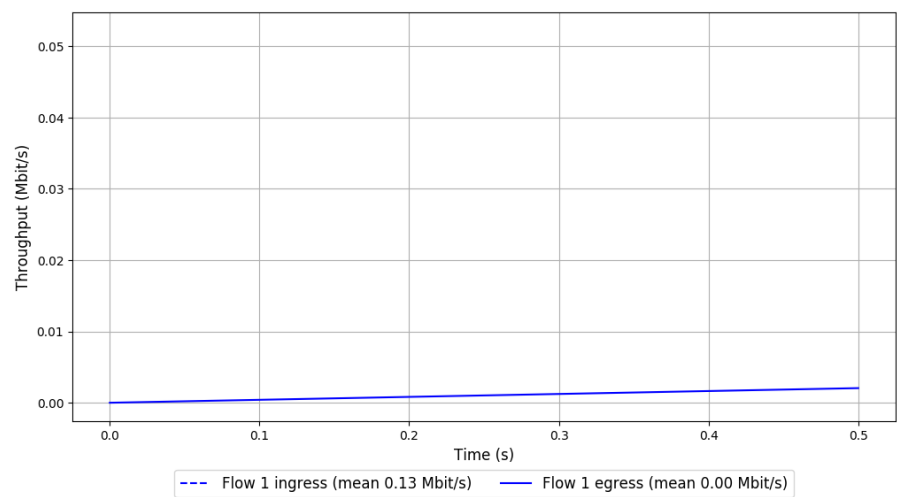
Start at: 2018-08-27 22:21:35

End at: 2018-08-27 22:22:05

Local clock offset: -0.251 ms

Remote clock offset: -34.218 ms

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



Run 6: Statistics of TaoVA-100x

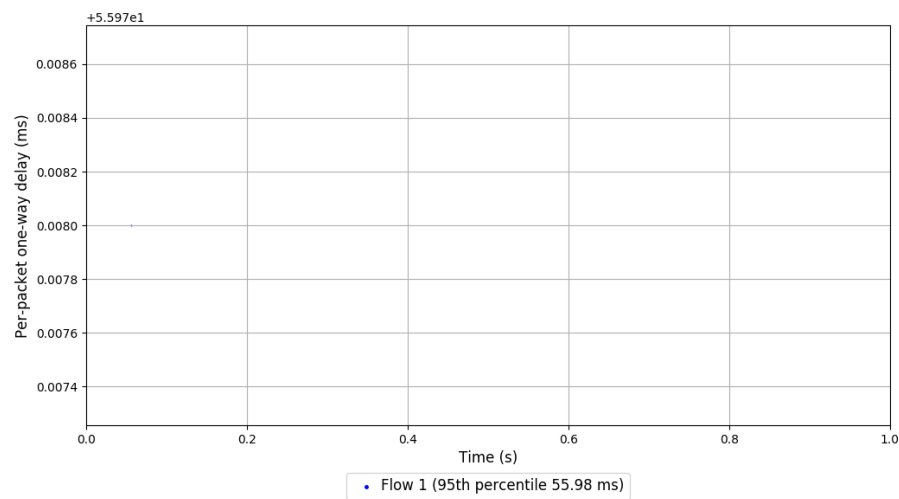
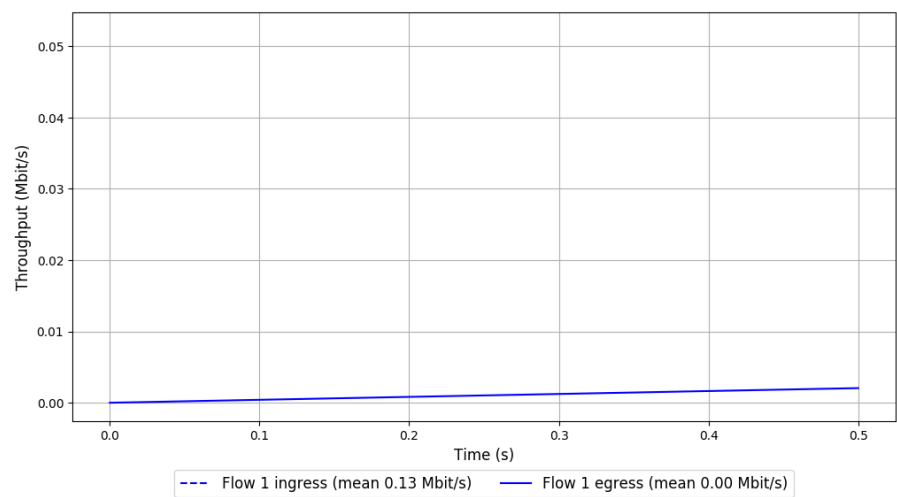
Start at: 2018-08-27 22:48:46

End at: 2018-08-27 22:49:16

Local clock offset: 3.26 ms

Remote clock offset: -36.543 ms

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



Run 7: Statistics of TaoVA-100x

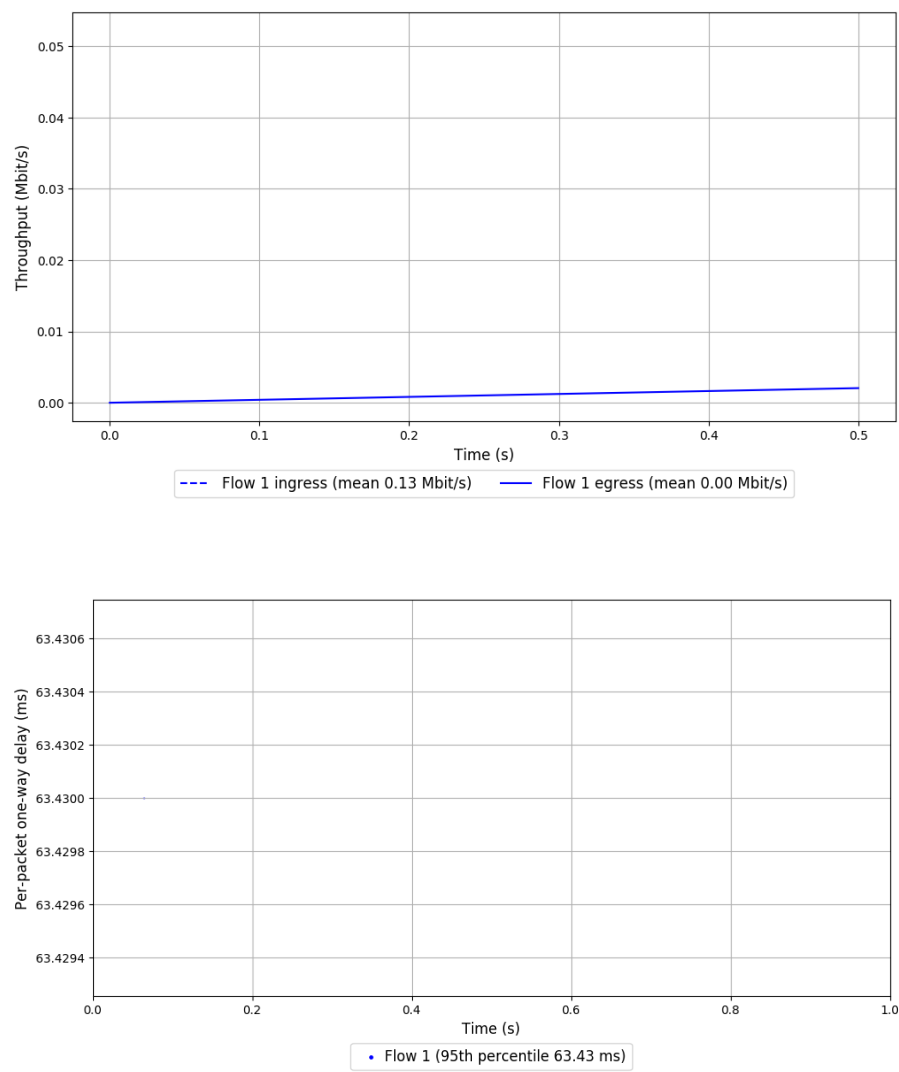
Start at: 2018-08-27 23:10:08

End at: 2018-08-27 23:10:38

Local clock offset: 0.082 ms

Remote clock offset: -33.001 ms

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



Run 8: Statistics of TaoVA-100x

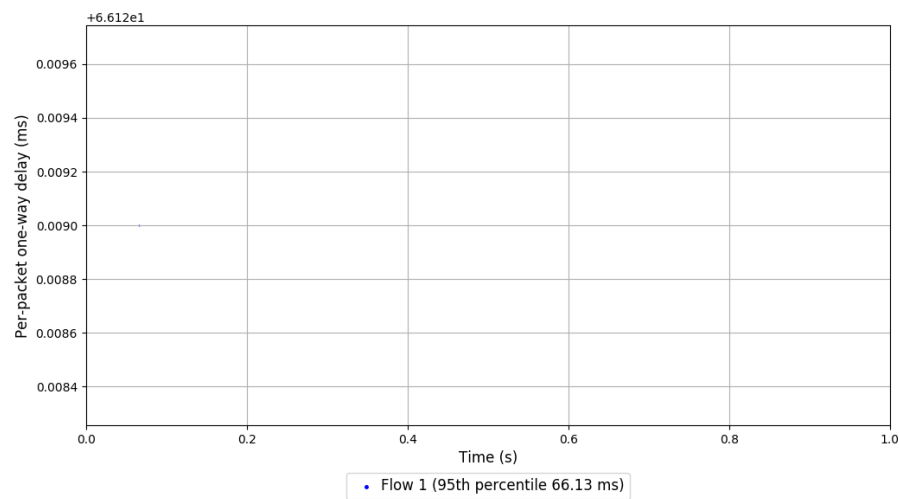
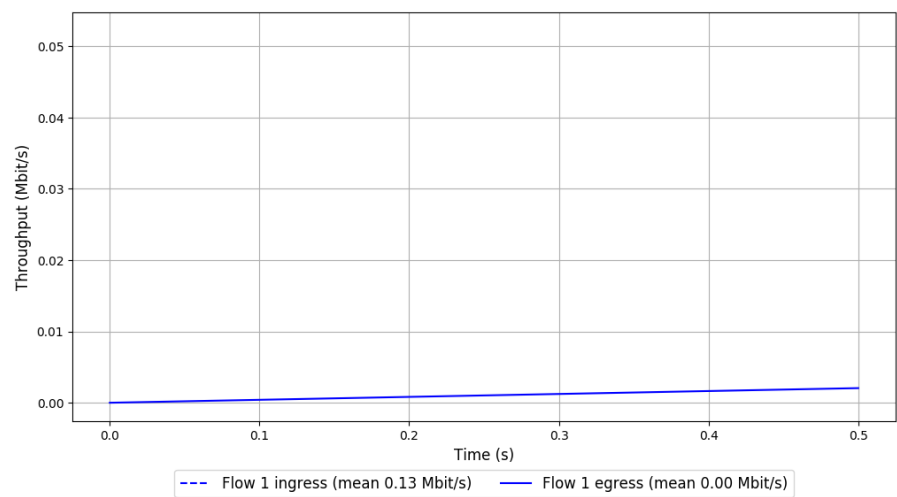
Start at: 2018-08-27 23:31:34

End at: 2018-08-27 23:32:04

Local clock offset: 0.05 ms

Remote clock offset: -30.841 ms

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



Run 9: Statistics of TaoVA-100x

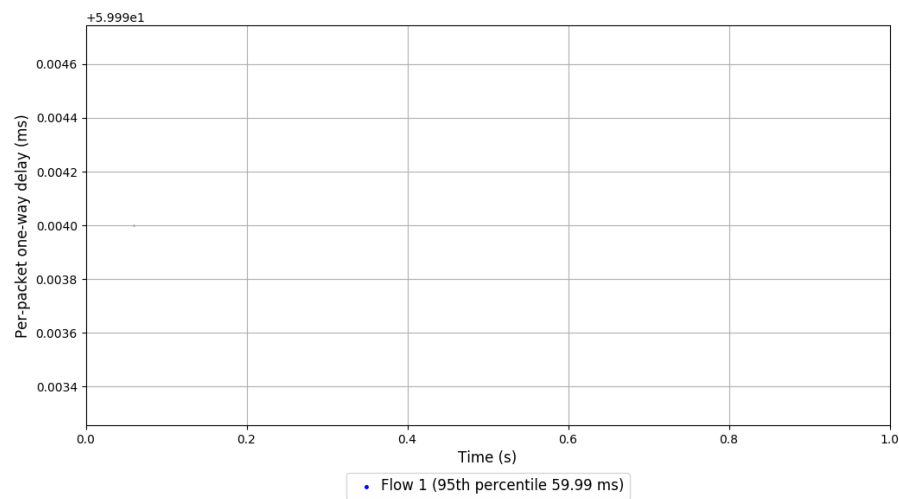
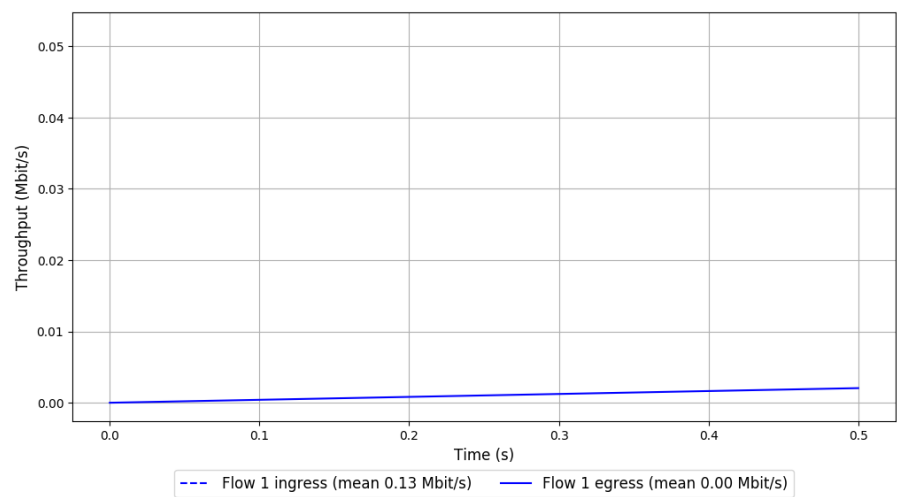
Start at: 2018-08-27 23:58:43

End at: 2018-08-27 23:59:13

Local clock offset: 4.313 ms

Remote clock offset: -35.306 ms

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



Run 10: Statistics of TaoVA-100x

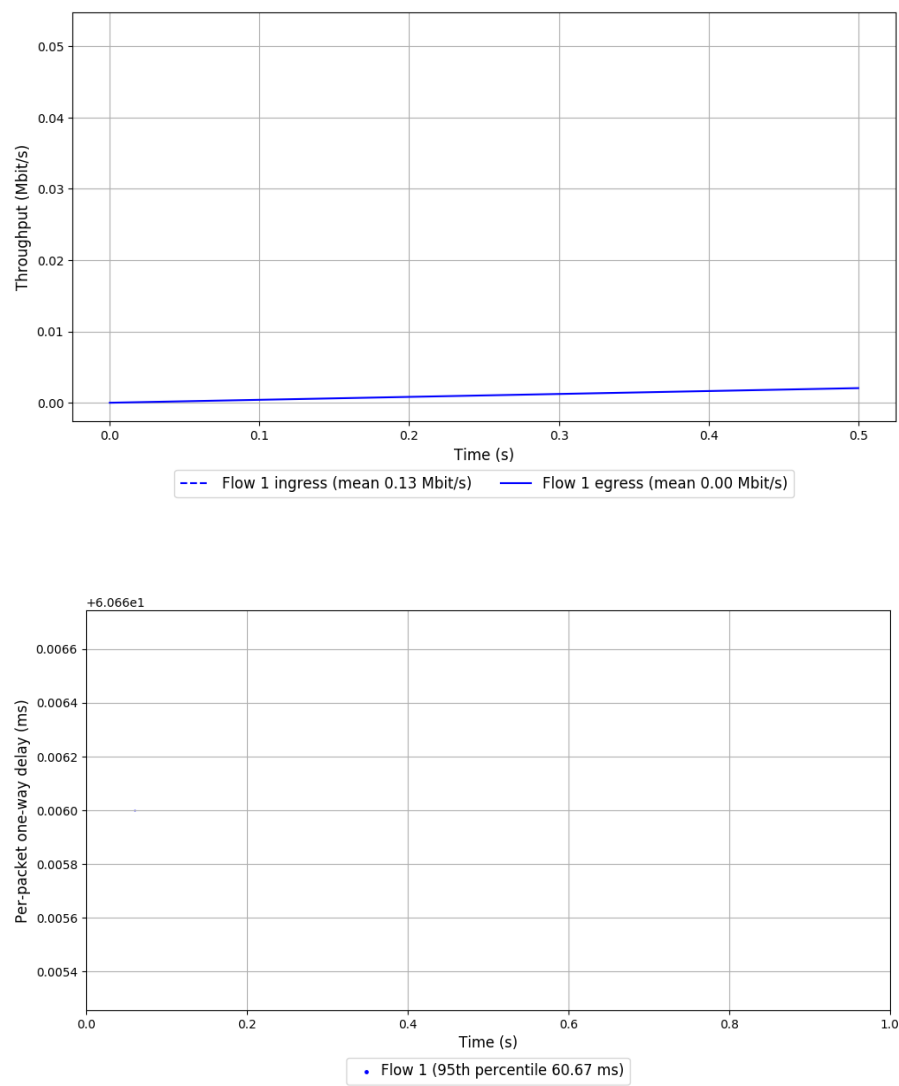
Start at: 2018-08-28 00:20:13

End at: 2018-08-28 00:20:43

Local clock offset: 2.895 ms

Remote clock offset: -36.565 ms

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

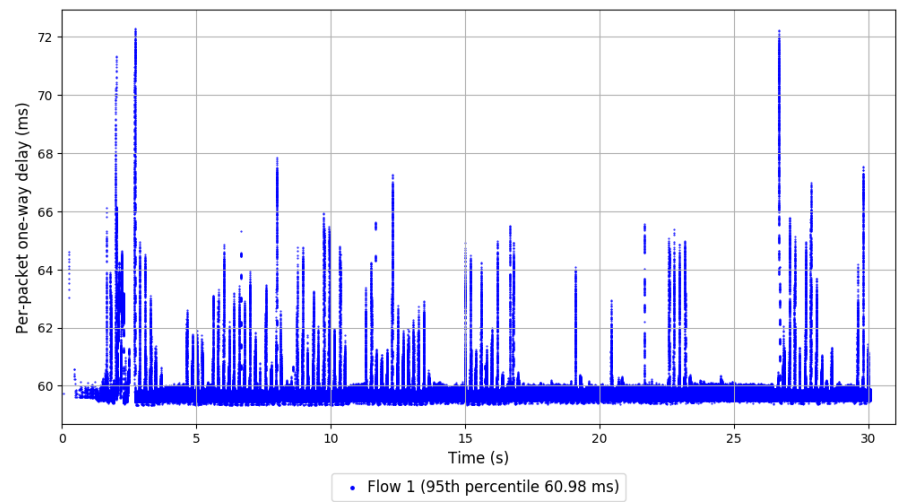
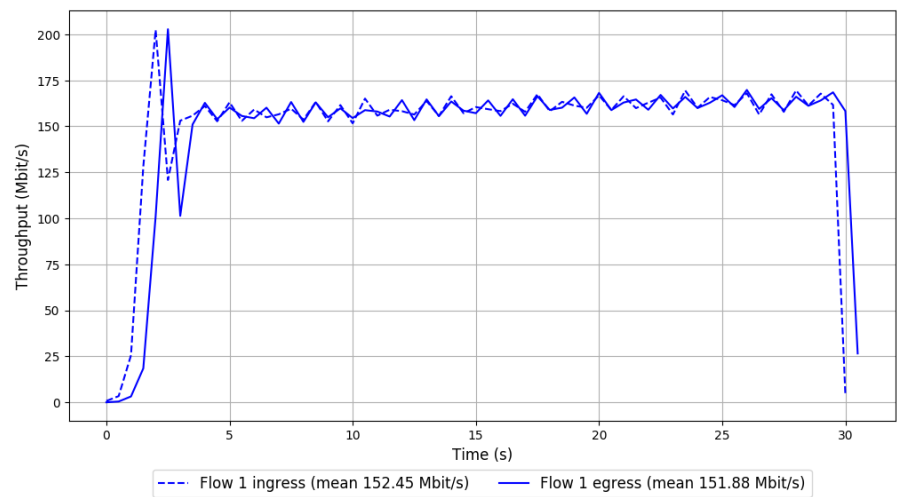


Run 1: Statistics of TCP Vegas

Start at: 2018-08-27 20:39:51
End at: 2018-08-27 20:40:21
Local clock offset: -1.879 ms
Remote clock offset: -40.08 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 151.88 Mbit/s
95th percentile per-packet one-way delay: 60.975 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 151.88 Mbit/s
95th percentile per-packet one-way delay: 60.975 ms
Loss rate: 0.38%

Run 1: Report of TCP Vegas — Data Link

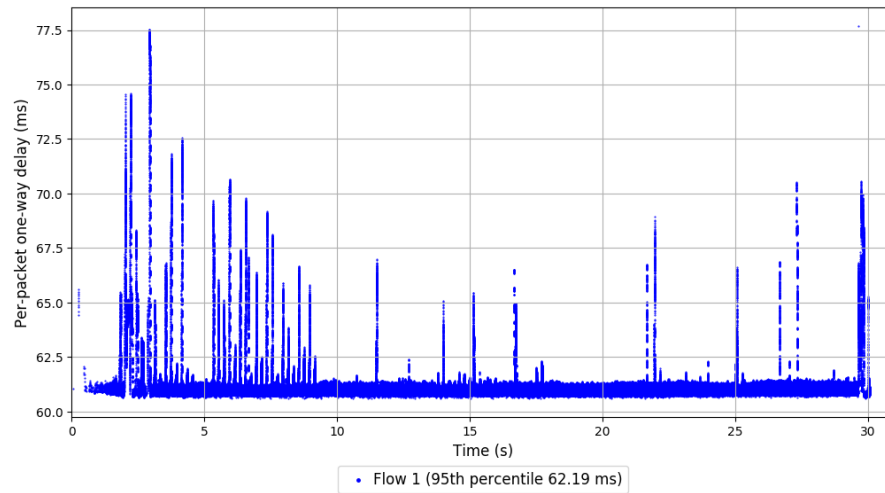
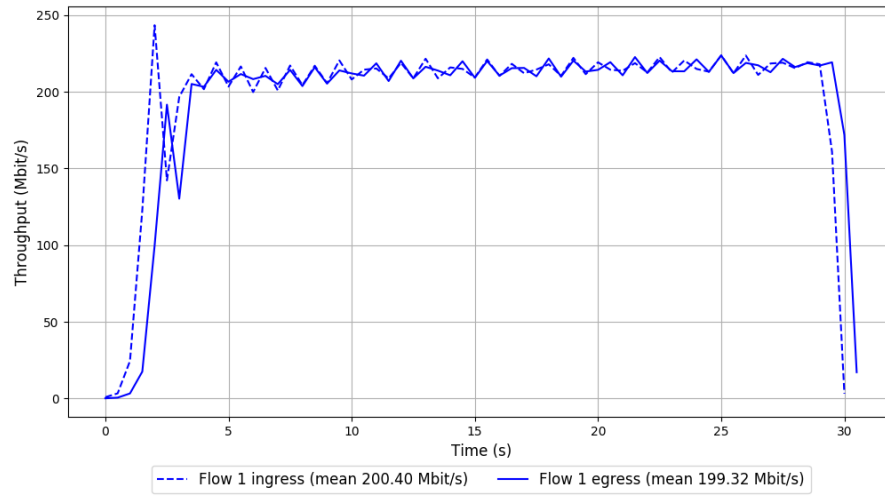


Run 2: Statistics of TCP Vegas

Start at: 2018-08-27 21:01:27
End at: 2018-08-27 21:01:57
Local clock offset: 0.427 ms
Remote clock offset: -36.779 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 199.32 Mbit/s
95th percentile per-packet one-way delay: 62.193 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 199.32 Mbit/s
95th percentile per-packet one-way delay: 62.193 ms
Loss rate: 0.54%

Run 2: Report of TCP Vegas — Data Link

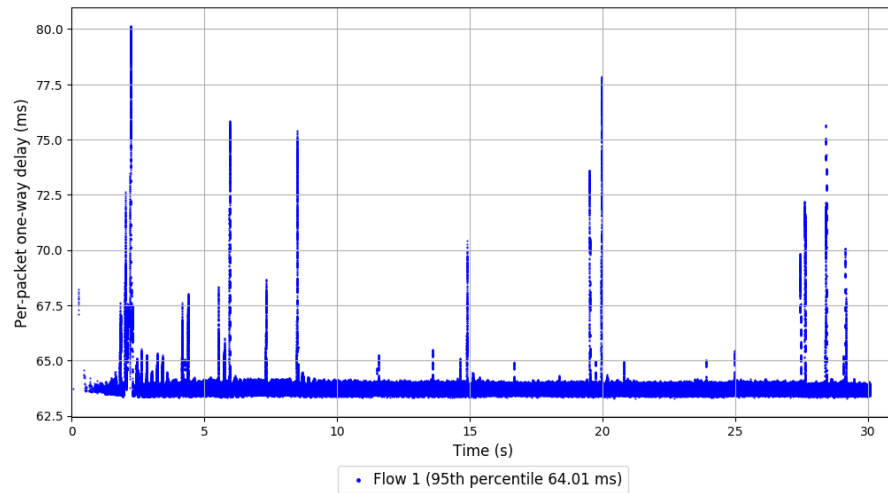
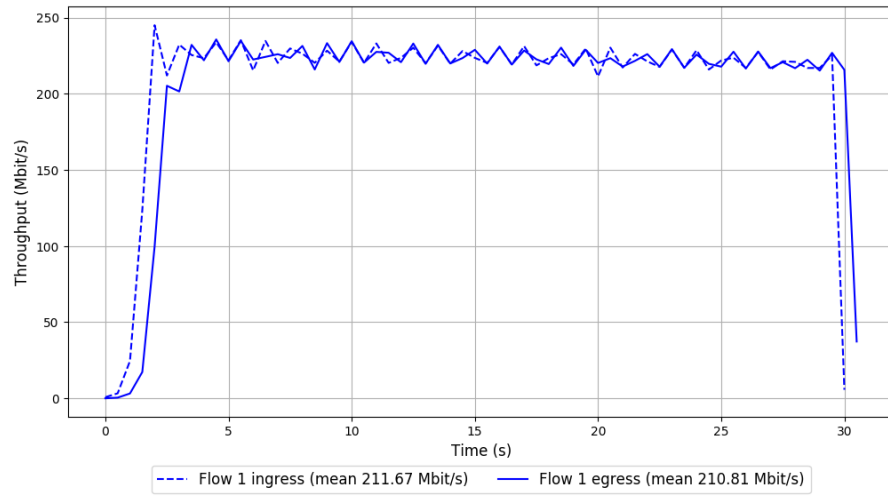


Run 3: Statistics of TCP Vegas

Start at: 2018-08-27 21:34:07
End at: 2018-08-27 21:34:37
Local clock offset: 2.1 ms
Remote clock offset: -31.771 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 210.81 Mbit/s
95th percentile per-packet one-way delay: 64.008 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 210.81 Mbit/s
95th percentile per-packet one-way delay: 64.008 ms
Loss rate: 0.41%

Run 3: Report of TCP Vegas — Data Link

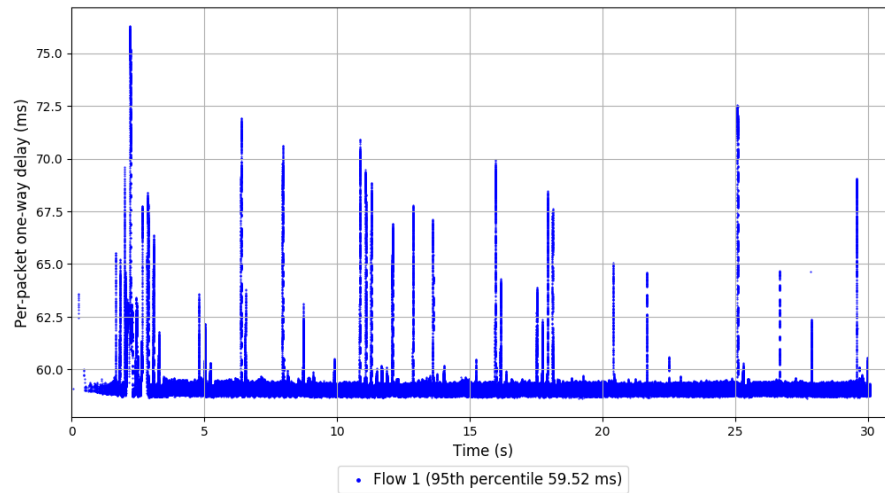
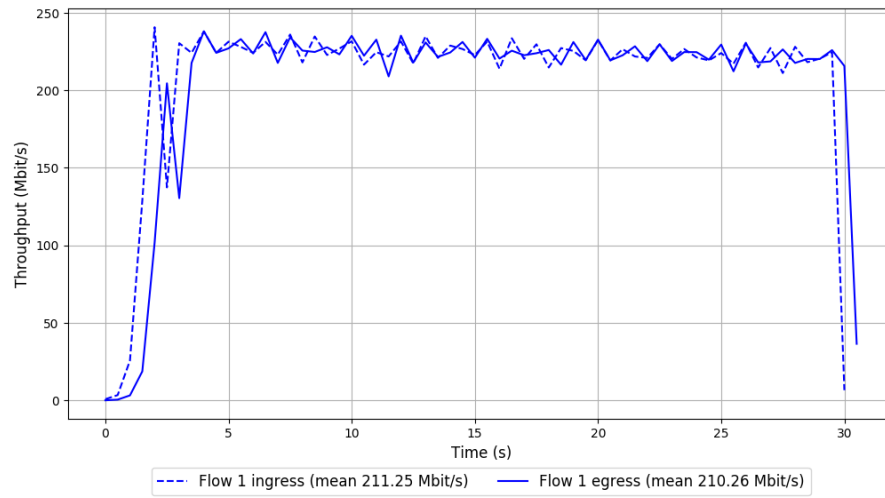


Run 4: Statistics of TCP Vegas

Start at: 2018-08-27 22:01:10
End at: 2018-08-27 22:01:40
Local clock offset: 2.082 ms
Remote clock offset: -35.669 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 210.26 Mbit/s
95th percentile per-packet one-way delay: 59.525 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 210.26 Mbit/s
95th percentile per-packet one-way delay: 59.525 ms
Loss rate: 0.47%

Run 4: Report of TCP Vegas — Data Link

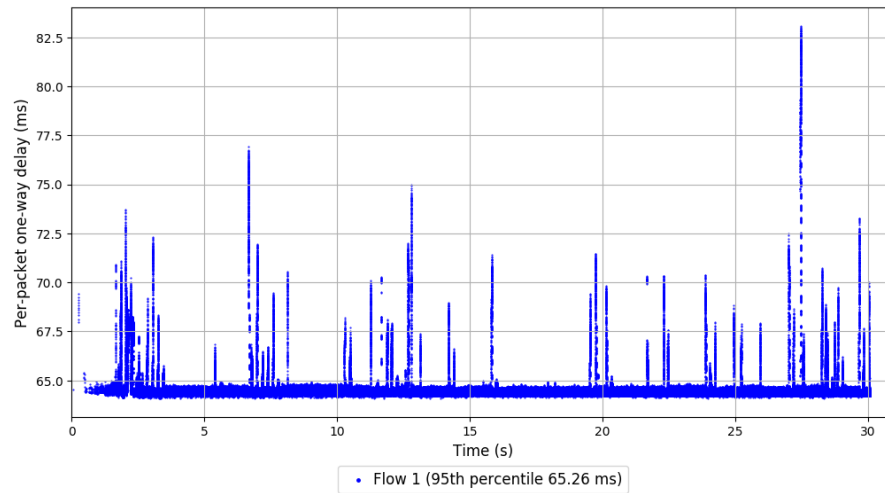
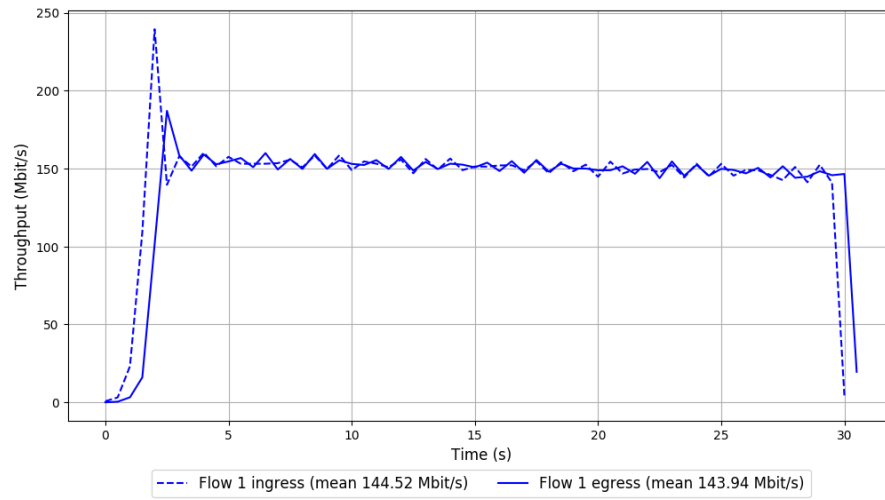


Run 5: Statistics of TCP Vegas

Start at: 2018-08-27 22:22:44
End at: 2018-08-27 22:23:14
Local clock offset: -2.975 ms
Remote clock offset: -35.36 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 143.94 Mbit/s
95th percentile per-packet one-way delay: 65.258 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 143.94 Mbit/s
95th percentile per-packet one-way delay: 65.258 ms
Loss rate: 0.41%

Run 5: Report of TCP Vegas — Data Link

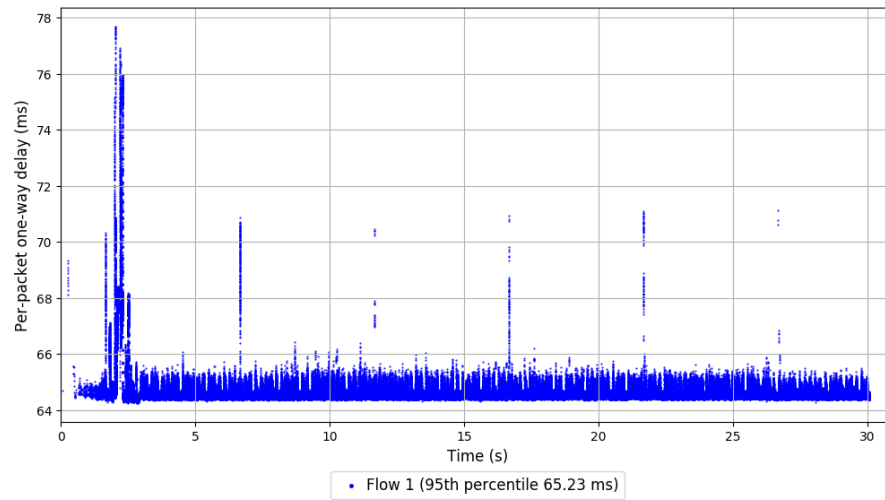
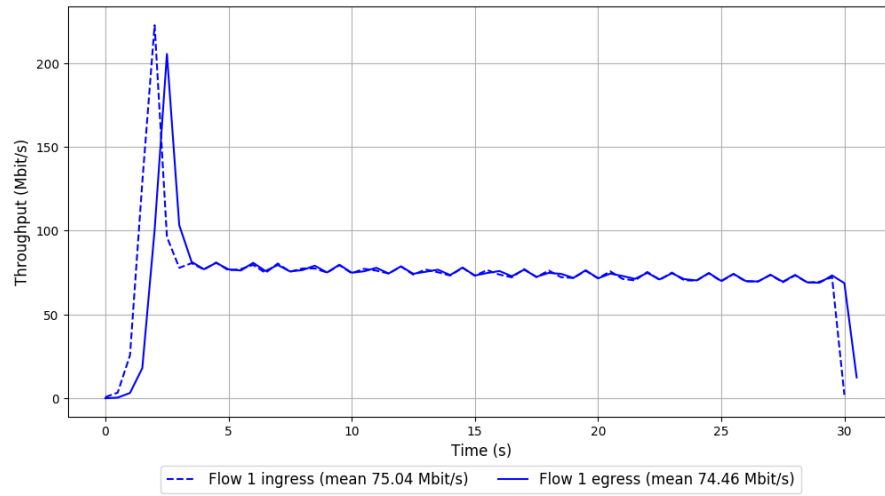


Run 6: Statistics of TCP Vegas

Start at: 2018-08-27 22:49:54
End at: 2018-08-27 22:50:24
Local clock offset: 0.127 ms
Remote clock offset: -31.058 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.46 Mbit/s
95th percentile per-packet one-way delay: 65.230 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 74.46 Mbit/s
95th percentile per-packet one-way delay: 65.230 ms
Loss rate: 0.78%

Run 6: Report of TCP Vegas — Data Link

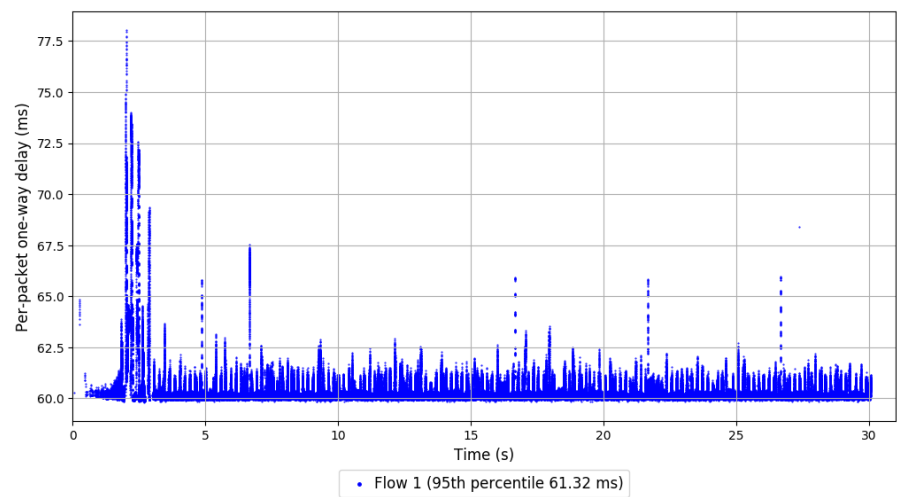
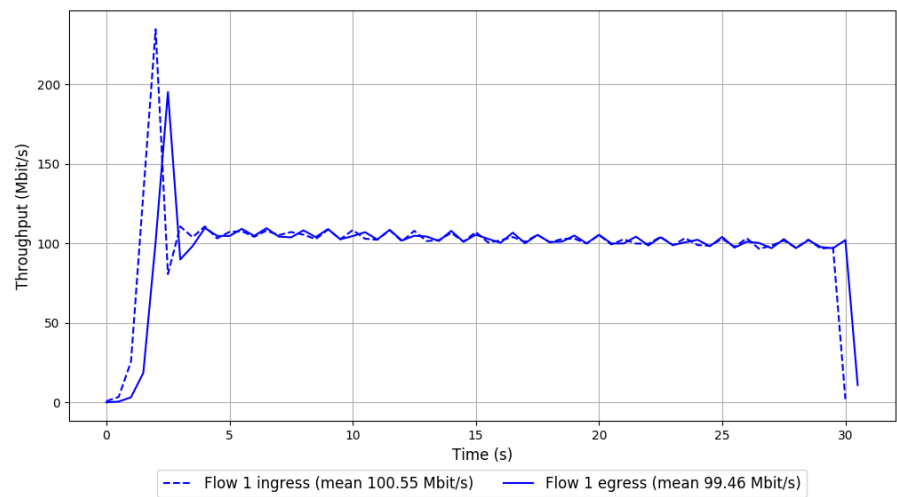


Run 7: Statistics of TCP Vegas

Start at: 2018-08-27 23:11:17
End at: 2018-08-27 23:11:47
Local clock offset: -0.047 ms
Remote clock offset: -36.215 ms

Below is generated by plot.py at 2018-08-28 01:19:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 99.46 Mbit/s
95th percentile per-packet one-way delay: 61.320 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 99.46 Mbit/s
95th percentile per-packet one-way delay: 61.320 ms
Loss rate: 1.09%

Run 7: Report of TCP Vegas — Data Link

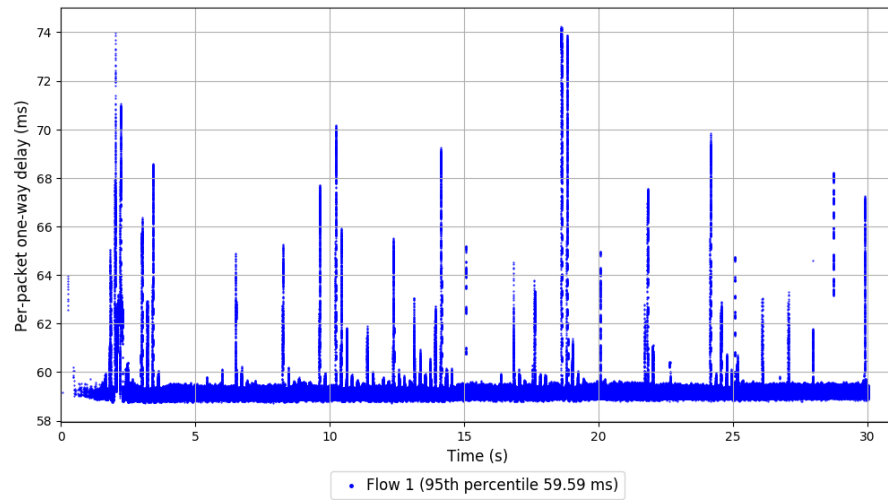
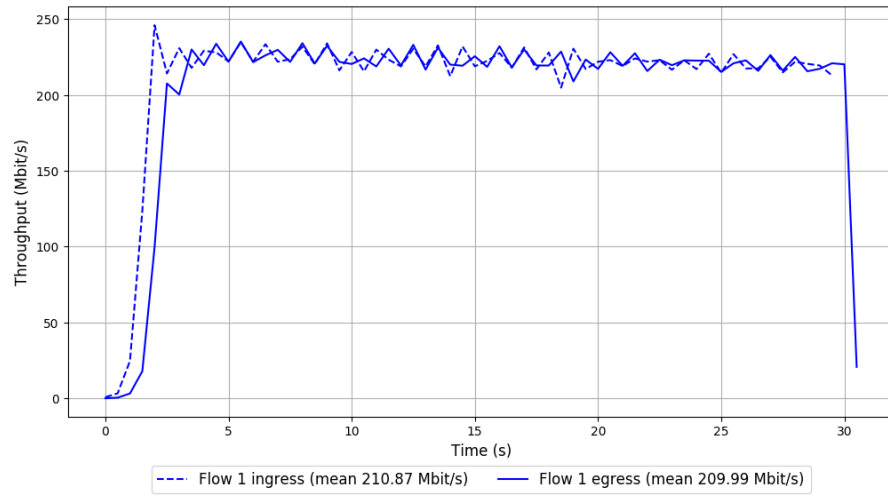


Run 8: Statistics of TCP Vegas

Start at: 2018-08-27 23:32:43
End at: 2018-08-27 23:33:13
Local clock offset: 0.479 ms
Remote clock offset: -37.319 ms

Below is generated by plot.py at 2018-08-28 01:20:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.99 Mbit/s
95th percentile per-packet one-way delay: 59.592 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 209.99 Mbit/s
95th percentile per-packet one-way delay: 59.592 ms
Loss rate: 0.42%

Run 8: Report of TCP Vegas — Data Link

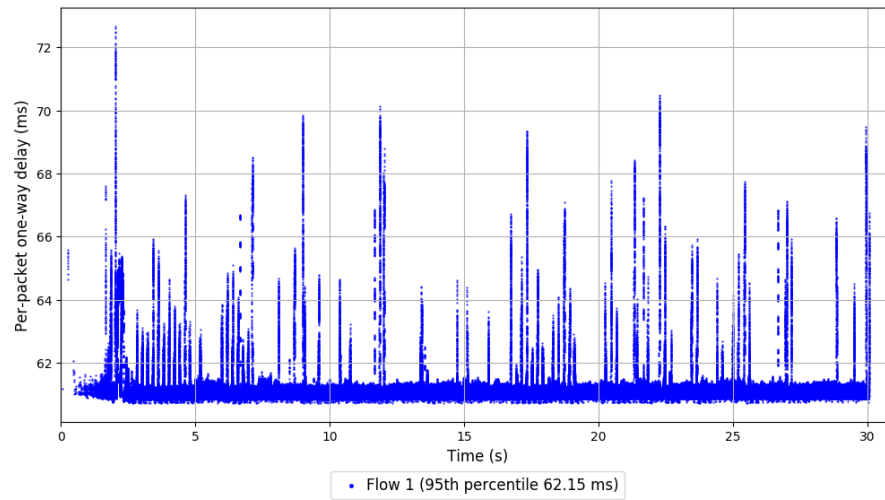
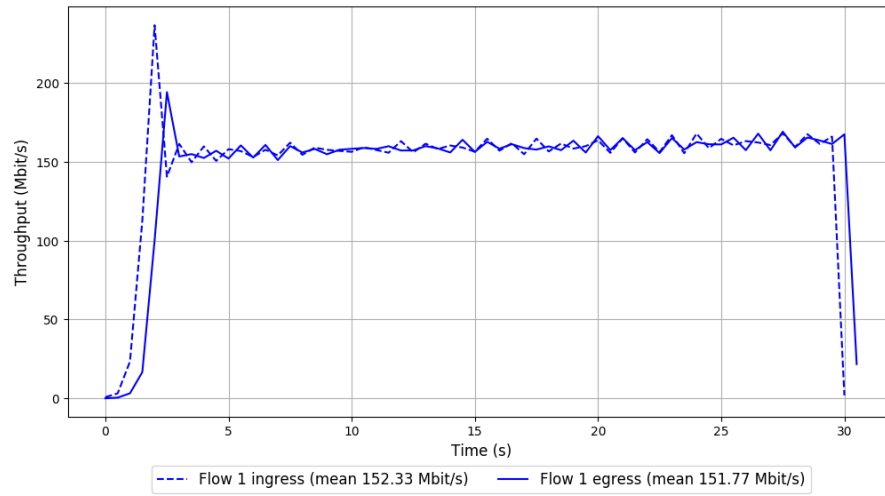


Run 9: Statistics of TCP Vegas

Start at: 2018-08-27 23:59:52
End at: 2018-08-28 00:00:22
Local clock offset: 2.504 ms
Remote clock offset: -38.125 ms

Below is generated by plot.py at 2018-08-28 01:20:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 151.77 Mbit/s
95th percentile per-packet one-way delay: 62.149 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 151.77 Mbit/s
95th percentile per-packet one-way delay: 62.149 ms
Loss rate: 0.37%

Run 9: Report of TCP Vegas — Data Link

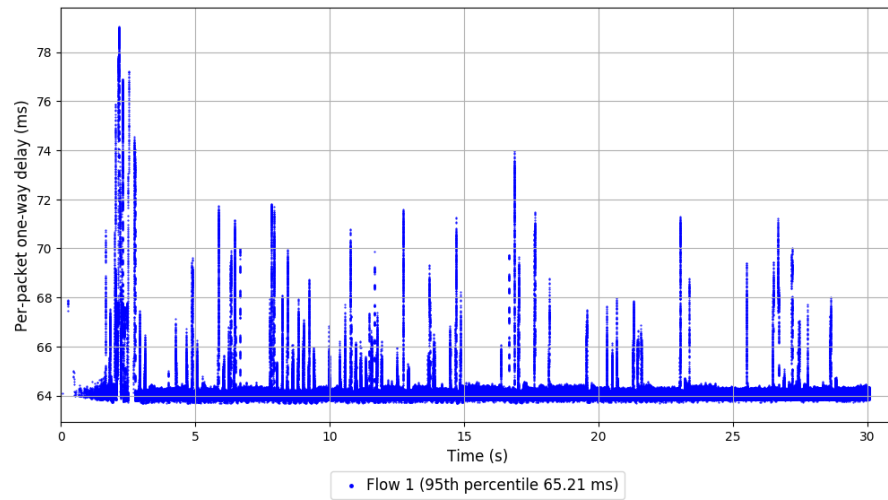
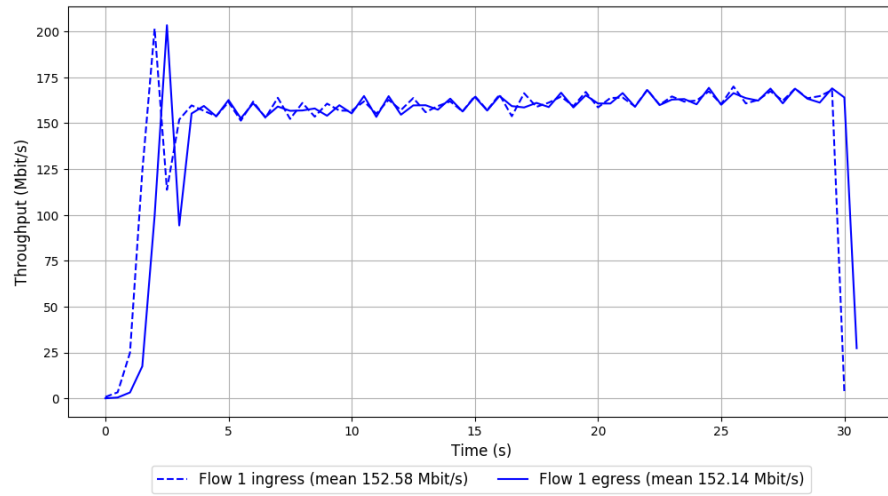


Run 10: Statistics of TCP Vegas

Start at: 2018-08-28 00:21:22
End at: 2018-08-28 00:21:52
Local clock offset: 2.296 ms
Remote clock offset: -33.349 ms

Below is generated by plot.py at 2018-08-28 01:20:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 152.14 Mbit/s
95th percentile per-packet one-way delay: 65.212 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 152.14 Mbit/s
95th percentile per-packet one-way delay: 65.212 ms
Loss rate: 0.29%

Run 10: Report of TCP Vegas — Data Link

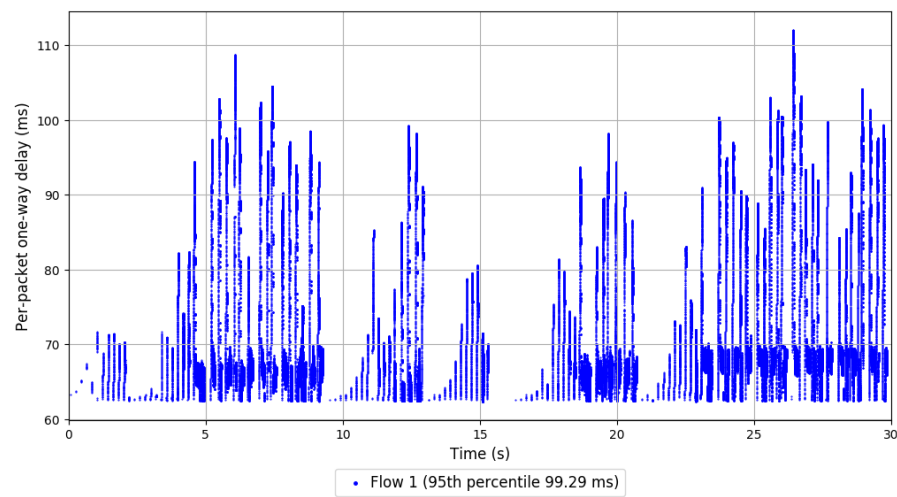
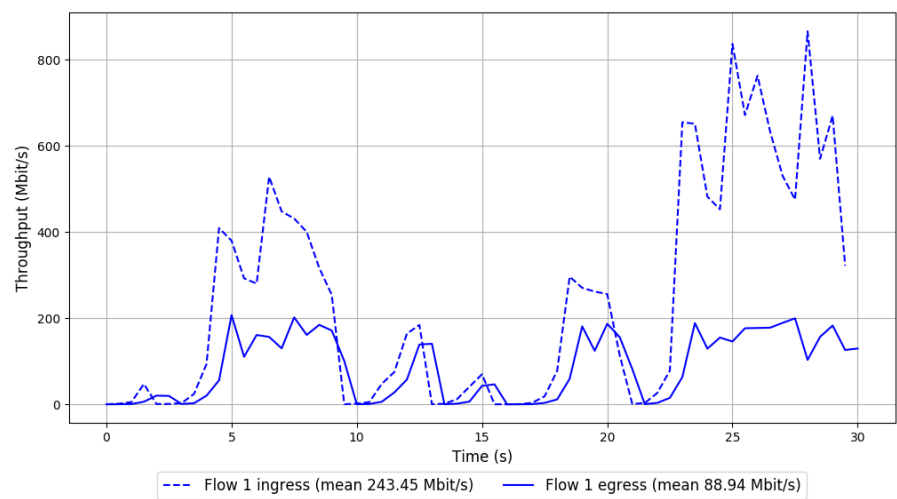


Run 1: Statistics of Verus

Start at: 2018-08-27 20:52:39
End at: 2018-08-27 20:53:09
Local clock offset: 1.325 ms
Remote clock offset: -33.892 ms

Below is generated by plot.py at 2018-08-28 01:20:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.94 Mbit/s
95th percentile per-packet one-way delay: 99.289 ms
Loss rate: 63.46%
-- Flow 1:
Average throughput: 88.94 Mbit/s
95th percentile per-packet one-way delay: 99.289 ms
Loss rate: 63.46%

Run 1: Report of Verus — Data Link

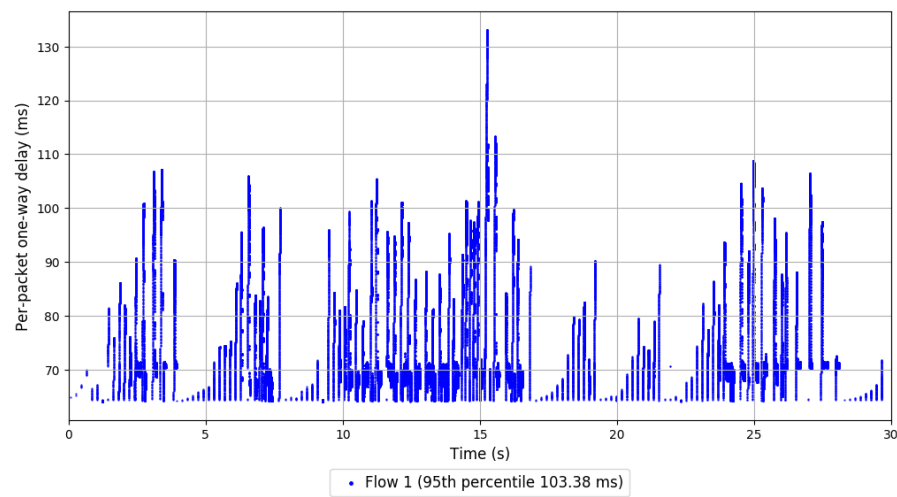
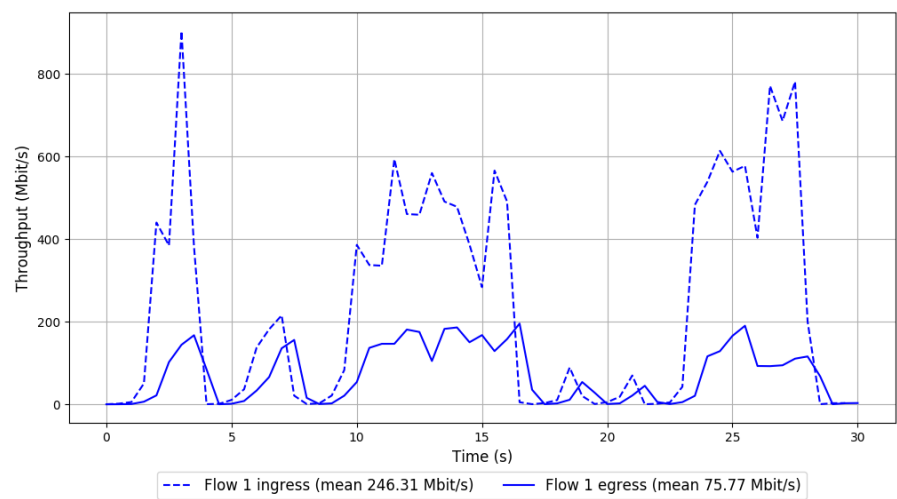


Run 2: Statistics of Verus

Start at: 2018-08-27 21:25:15
End at: 2018-08-27 21:25:45
Local clock offset: 1.504 ms
Remote clock offset: -31.911 ms

Below is generated by plot.py at 2018-08-28 01:20:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 103.378 ms
Loss rate: 69.23%
-- Flow 1:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 103.378 ms
Loss rate: 69.23%

Run 2: Report of Verus — Data Link

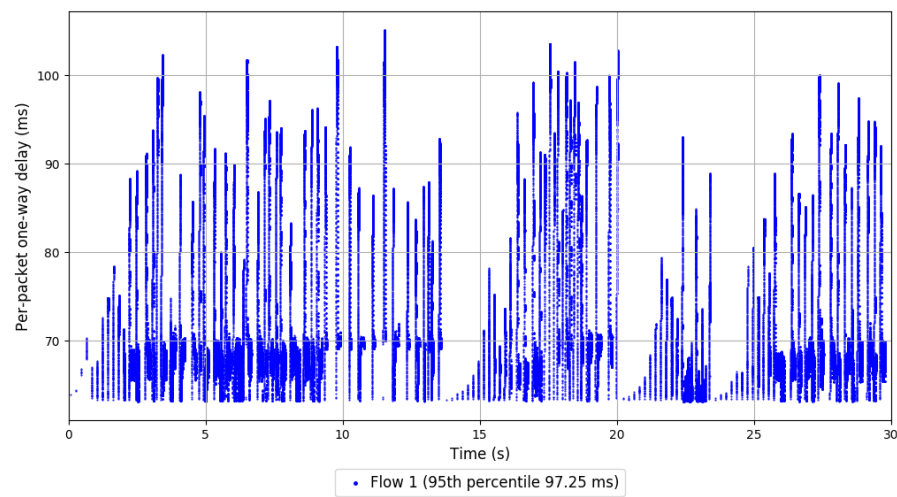
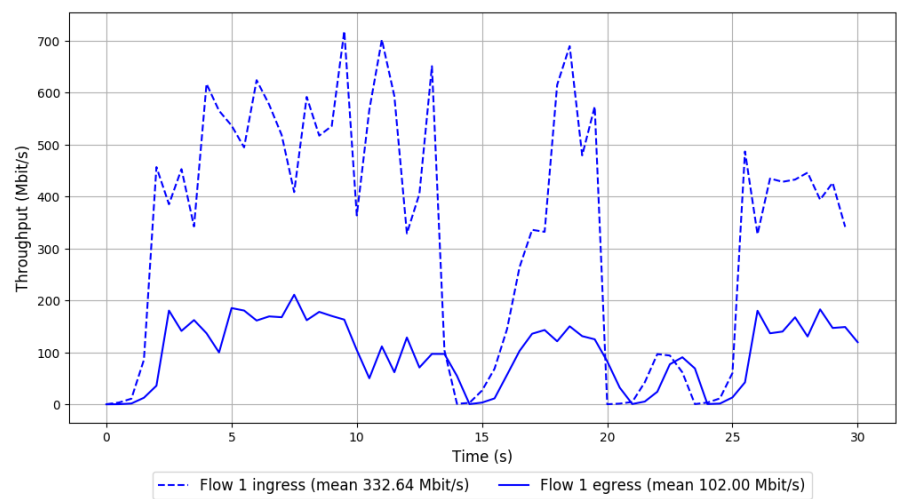


Run 3: Statistics of Verus

Start at: 2018-08-27 21:52:17
End at: 2018-08-27 21:52:47
Local clock offset: 3.258 ms
Remote clock offset: -30.128 ms

Below is generated by plot.py at 2018-08-28 01:21:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.00 Mbit/s
95th percentile per-packet one-way delay: 97.249 ms
Loss rate: 69.33%
-- Flow 1:
Average throughput: 102.00 Mbit/s
95th percentile per-packet one-way delay: 97.249 ms
Loss rate: 69.33%

Run 3: Report of Verus — Data Link

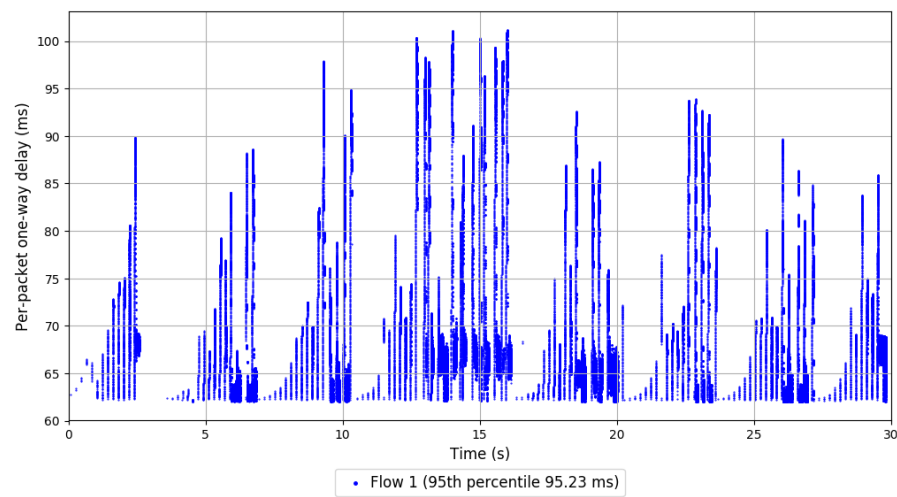
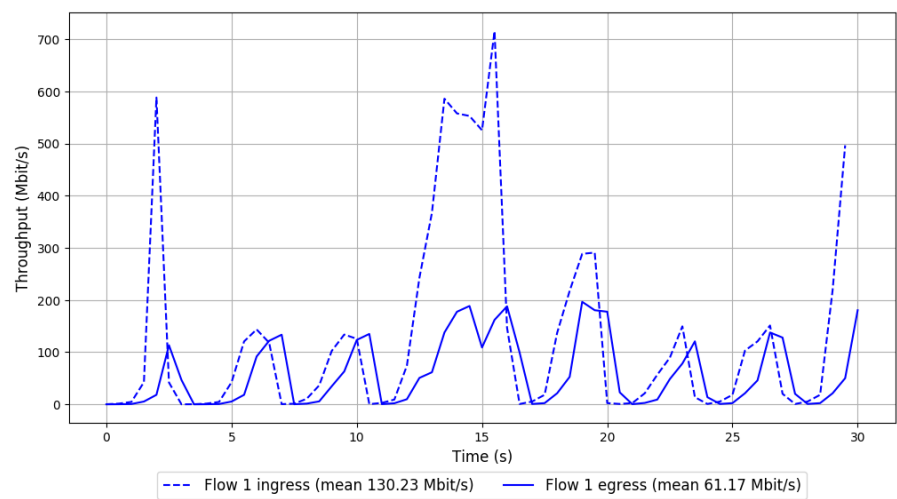


Run 4: Statistics of Verus

Start at: 2018-08-27 22:13:55
End at: 2018-08-27 22:14:25
Local clock offset: 1.788 ms
Remote clock offset: -30.902 ms

Below is generated by plot.py at 2018-08-28 01:21:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.17 Mbit/s
95th percentile per-packet one-way delay: 95.230 ms
Loss rate: 53.02%
-- Flow 1:
Average throughput: 61.17 Mbit/s
95th percentile per-packet one-way delay: 95.230 ms
Loss rate: 53.02%

Run 4: Report of Verus — Data Link

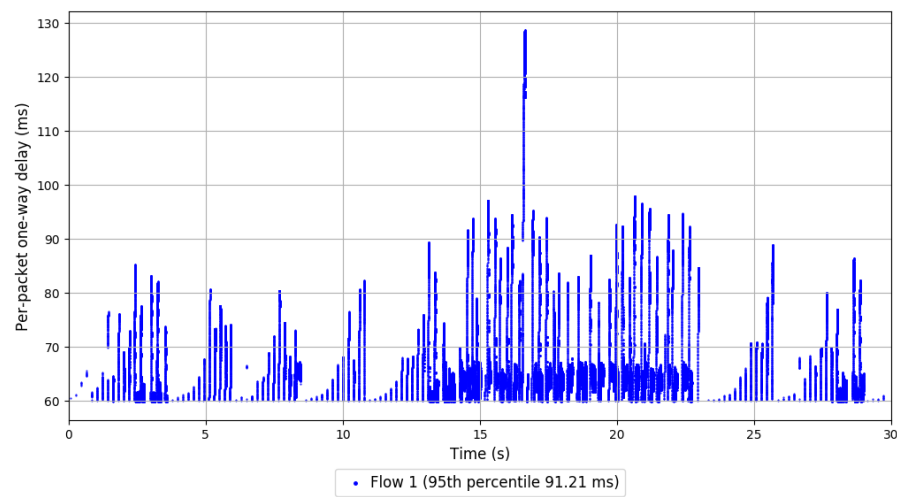
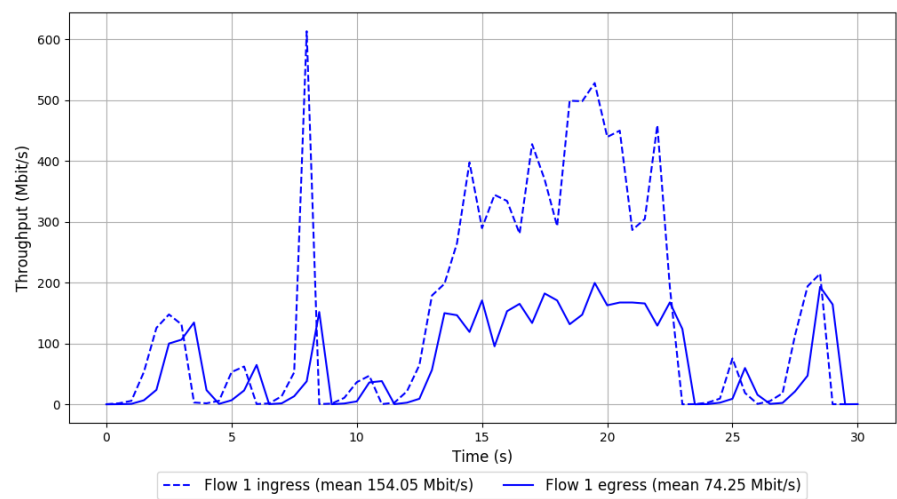


Run 5: Statistics of Verus

Start at: 2018-08-27 22:40:54
End at: 2018-08-27 22:41:24
Local clock offset: -0.785 ms
Remote clock offset: -35.983 ms

Below is generated by plot.py at 2018-08-28 01:21:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.25 Mbit/s
95th percentile per-packet one-way delay: 91.209 ms
Loss rate: 51.80%
-- Flow 1:
Average throughput: 74.25 Mbit/s
95th percentile per-packet one-way delay: 91.209 ms
Loss rate: 51.80%

Run 5: Report of Verus — Data Link

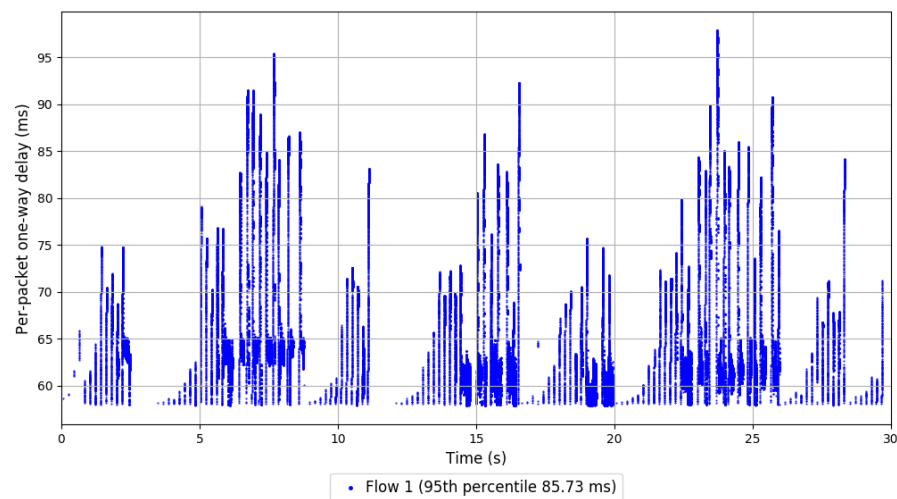
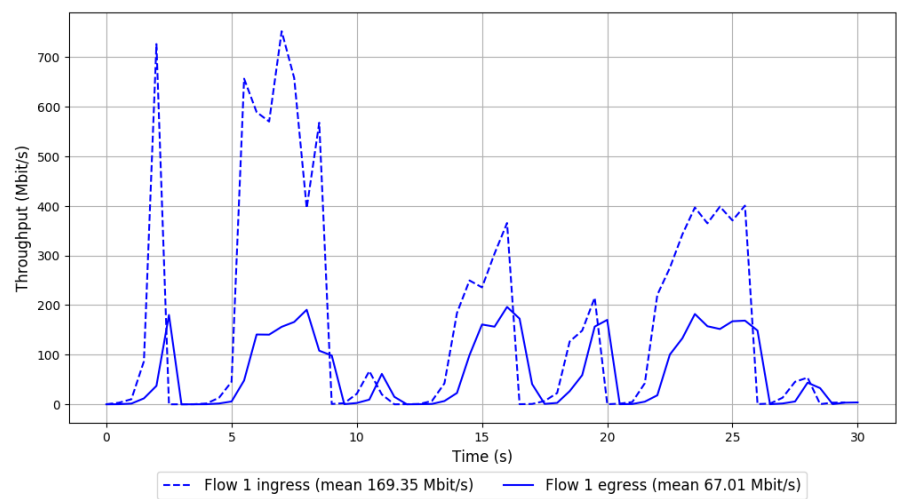


Run 6: Statistics of Verus

Start at: 2018-08-27 23:02:29
End at: 2018-08-27 23:02:59
Local clock offset: 1.308 ms
Remote clock offset: -36.626 ms

Below is generated by plot.py at 2018-08-28 01:21:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.01 Mbit/s
95th percentile per-packet one-way delay: 85.730 ms
Loss rate: 60.41%
-- Flow 1:
Average throughput: 67.01 Mbit/s
95th percentile per-packet one-way delay: 85.730 ms
Loss rate: 60.41%

Run 6: Report of Verus — Data Link

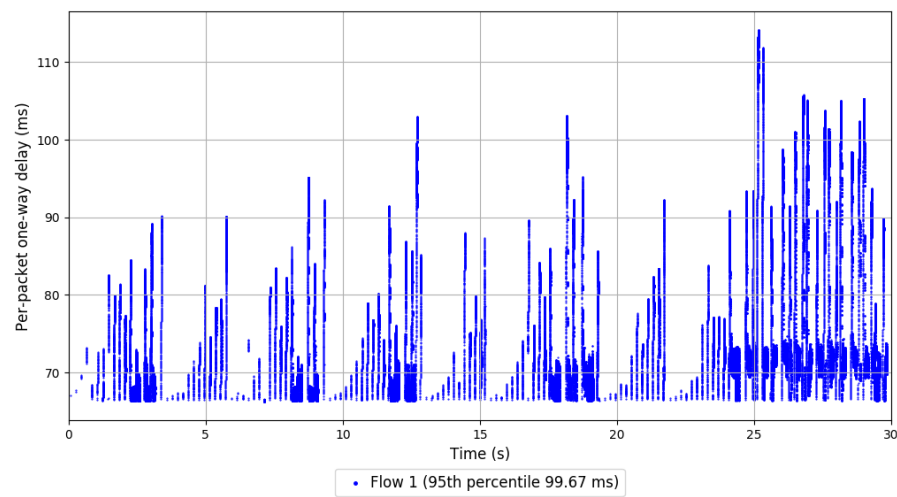
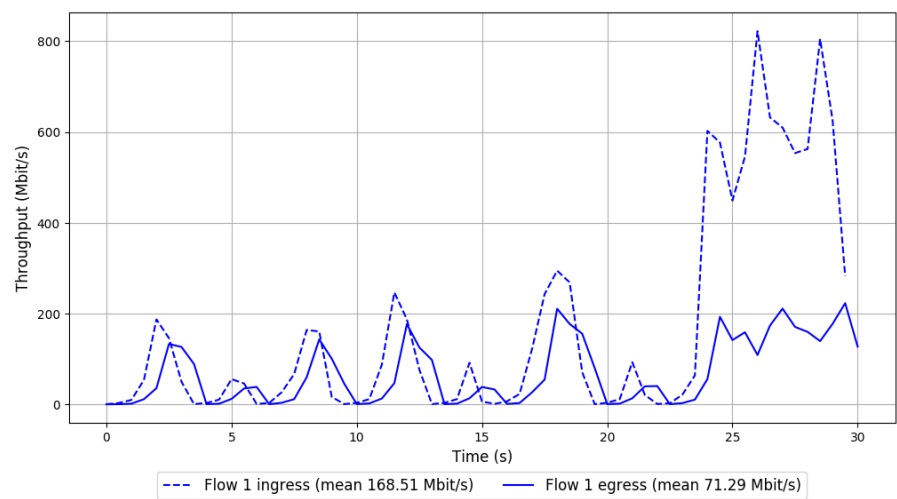


Run 7: Statistics of Verus

Start at: 2018-08-27 23:23:52
End at: 2018-08-27 23:24:22
Local clock offset: -0.416 ms
Remote clock offset: -32.677 ms

Below is generated by plot.py at 2018-08-28 01:21:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.29 Mbit/s
95th percentile per-packet one-way delay: 99.670 ms
Loss rate: 57.68%
-- Flow 1:
Average throughput: 71.29 Mbit/s
95th percentile per-packet one-way delay: 99.670 ms
Loss rate: 57.68%

Run 7: Report of Verus — Data Link

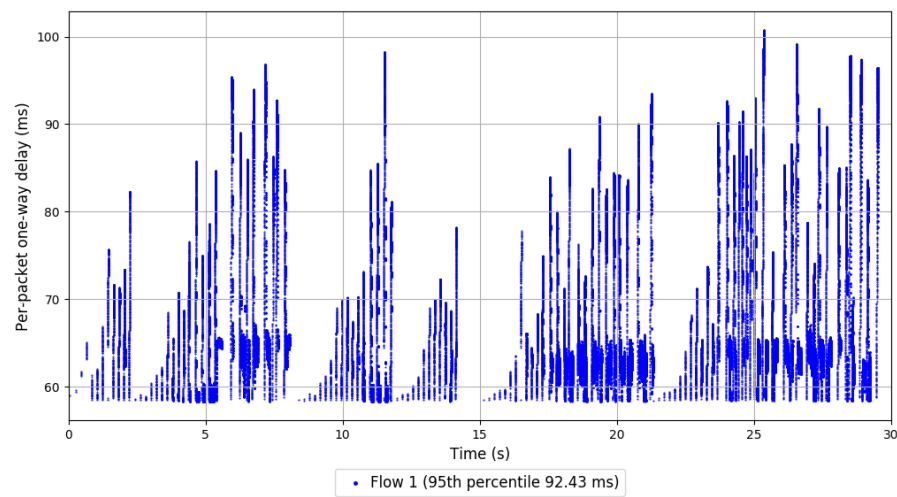
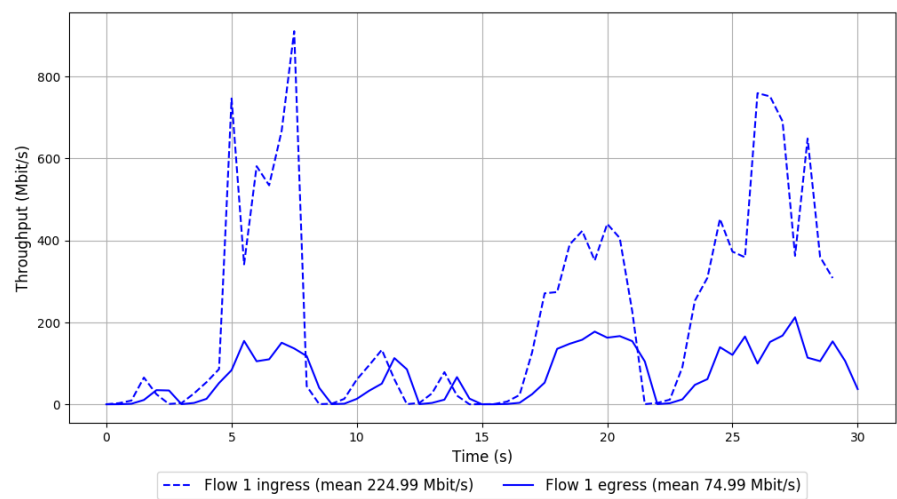


Run 8: Statistics of Verus

Start at: 2018-08-27 23:50:52
End at: 2018-08-27 23:51:22
Local clock offset: 2.061 ms
Remote clock offset: -38.154 ms

Below is generated by plot.py at 2018-08-28 01:21:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.99 Mbit/s
95th percentile per-packet one-way delay: 92.429 ms
Loss rate: 66.65%
-- Flow 1:
Average throughput: 74.99 Mbit/s
95th percentile per-packet one-way delay: 92.429 ms
Loss rate: 66.65%

Run 8: Report of Verus — Data Link

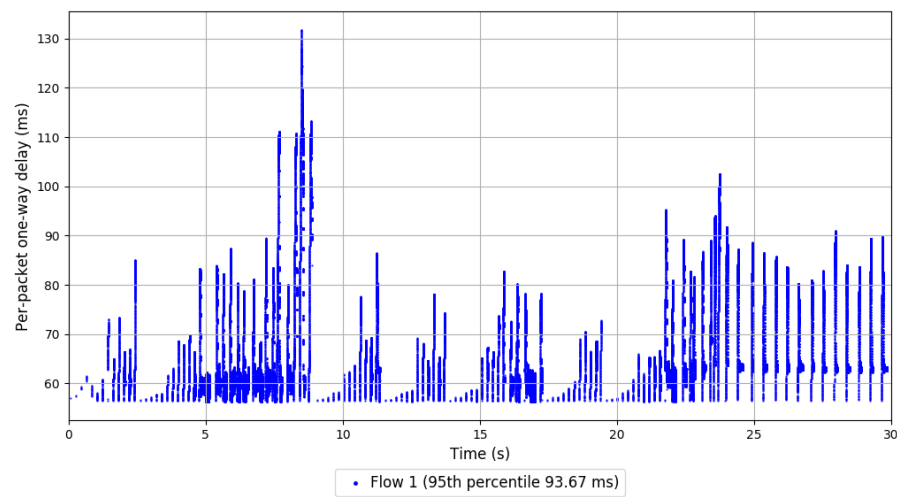
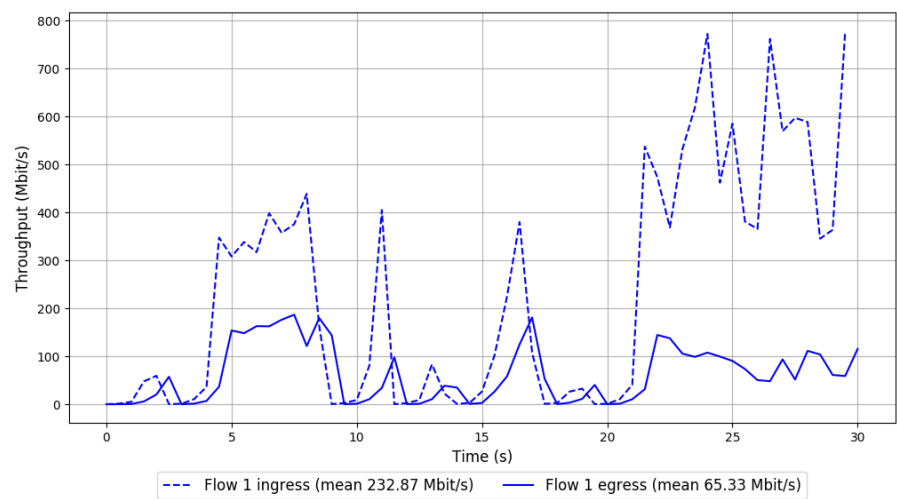


Run 9: Statistics of Verus

Start at: 2018-08-28 00:12:31
End at: 2018-08-28 00:13:01
Local clock offset: 4.32 ms
Remote clock offset: -38.651 ms

Below is generated by plot.py at 2018-08-28 01:22:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.33 Mbit/s
95th percentile per-packet one-way delay: 93.672 ms
Loss rate: 71.94%
-- Flow 1:
Average throughput: 65.33 Mbit/s
95th percentile per-packet one-way delay: 93.672 ms
Loss rate: 71.94%

Run 9: Report of Verus — Data Link

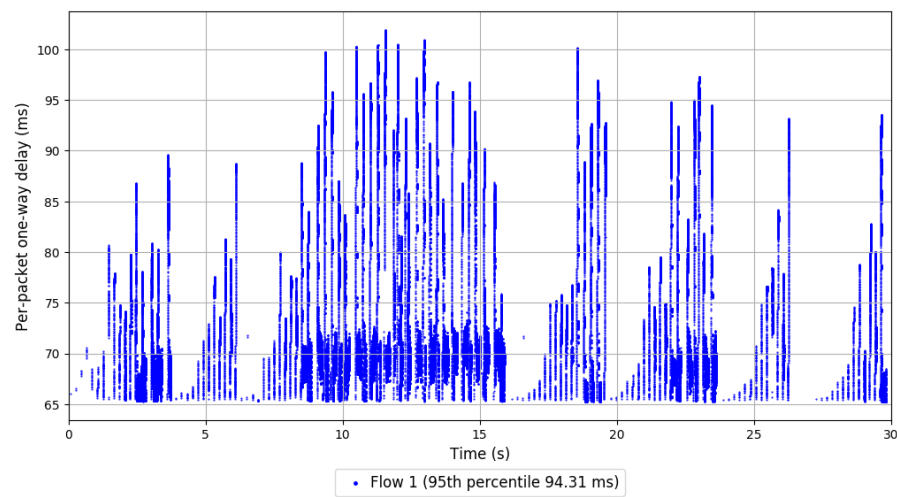
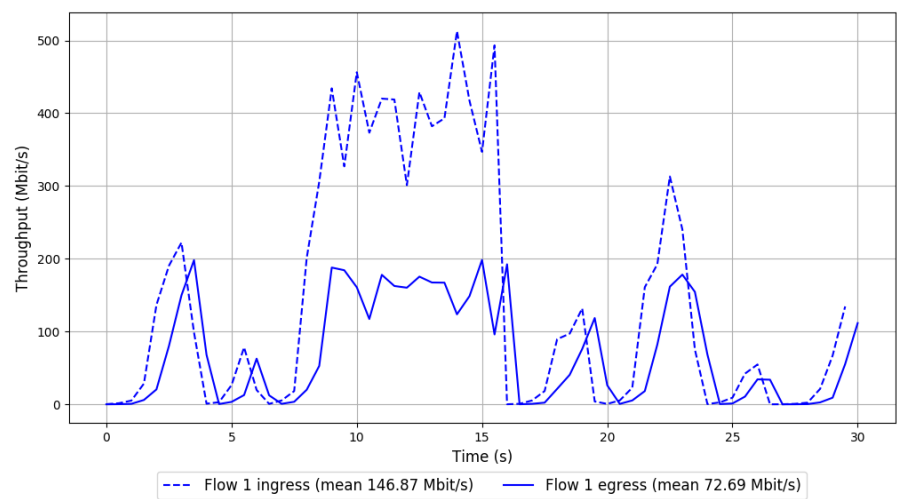


Run 10: Statistics of Verus

Start at: 2018-08-28 00:34:04
End at: 2018-08-28 00:34:34
Local clock offset: -0.111 ms
Remote clock offset: -36.846 ms

Below is generated by plot.py at 2018-08-28 01:22:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.69 Mbit/s
95th percentile per-packet one-way delay: 94.307 ms
Loss rate: 50.50%
-- Flow 1:
Average throughput: 72.69 Mbit/s
95th percentile per-packet one-way delay: 94.307 ms
Loss rate: 50.50%

Run 10: Report of Verus — Data Link

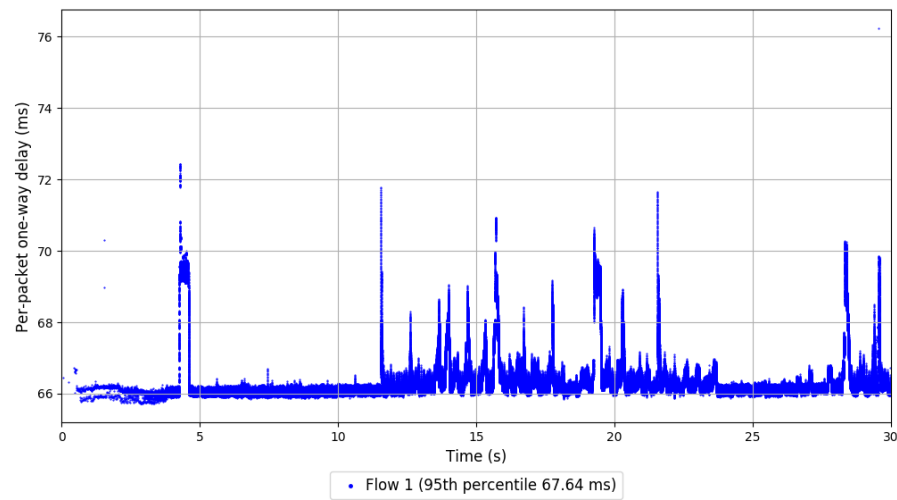
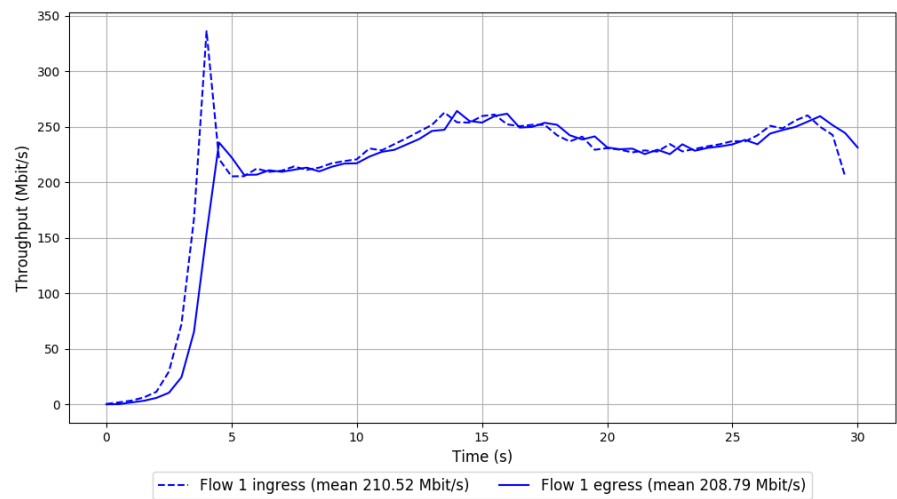


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-27 20:51:16
End at: 2018-08-27 20:51:46
Local clock offset: -1.085 ms
Remote clock offset: -35.127 ms

Below is generated by plot.py at 2018-08-28 01:23:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 208.79 Mbit/s
95th percentile per-packet one-way delay: 67.637 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 208.79 Mbit/s
95th percentile per-packet one-way delay: 67.637 ms
Loss rate: 0.83%

Run 1: Report of PCC-Vivace — Data Link

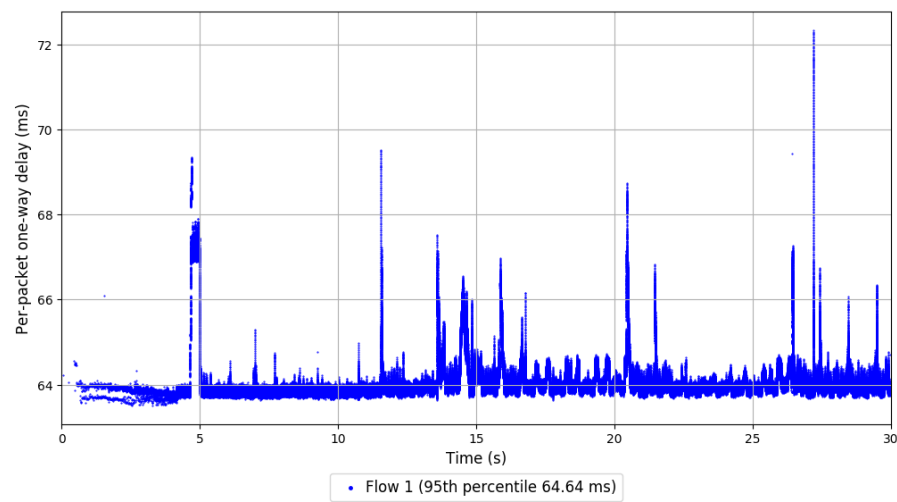
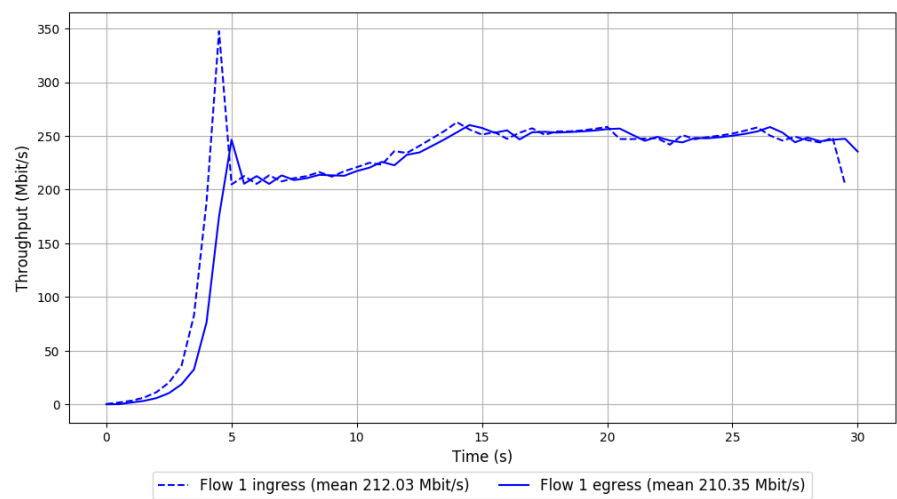


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-27 21:23:52
End at: 2018-08-27 21:24:22
Local clock offset: -1.006 ms
Remote clock offset: -37.384 ms

Below is generated by plot.py at 2018-08-28 01:23:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 210.35 Mbit/s
95th percentile per-packet one-way delay: 64.638 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 210.35 Mbit/s
95th percentile per-packet one-way delay: 64.638 ms
Loss rate: 0.80%

Run 2: Report of PCC-Vivace — Data Link

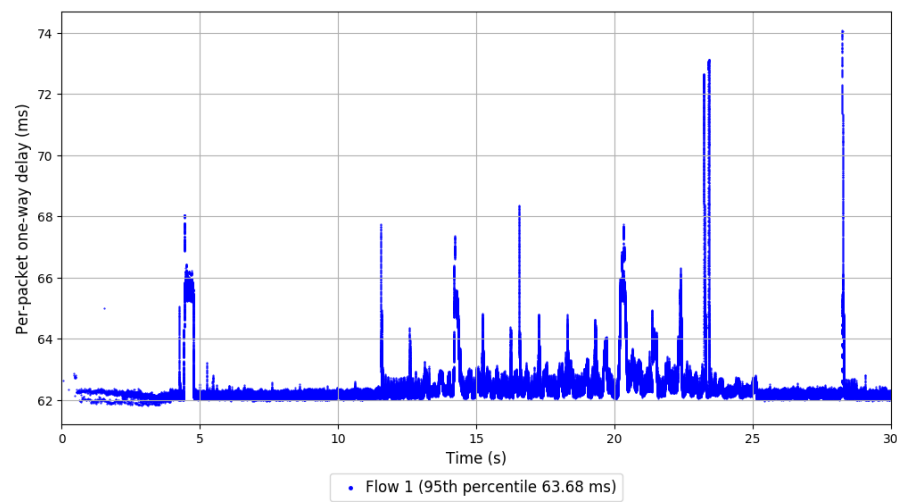
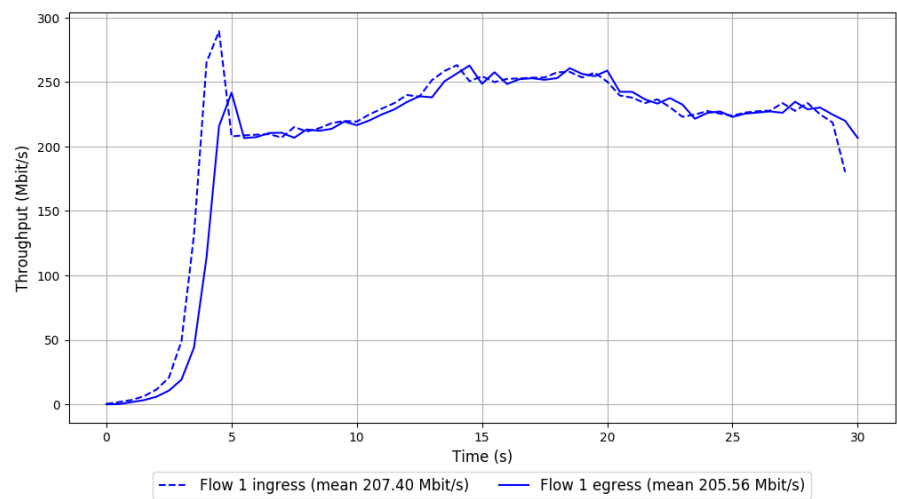


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-27 21:50:55
End at: 2018-08-27 21:51:25
Local clock offset: 4.572 ms
Remote clock offset: -30.175 ms

Below is generated by plot.py at 2018-08-28 01:23:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 205.56 Mbit/s
95th percentile per-packet one-way delay: 63.683 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 205.56 Mbit/s
95th percentile per-packet one-way delay: 63.683 ms
Loss rate: 0.89%

Run 3: Report of PCC-Vivace — Data Link

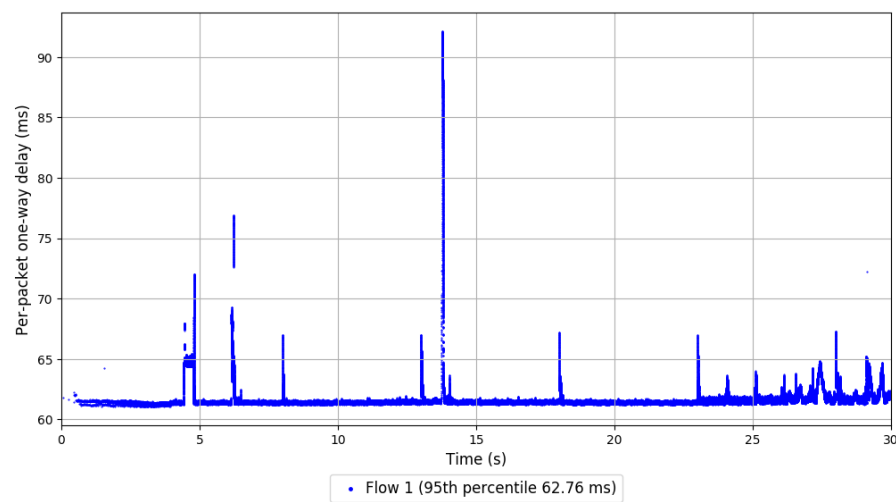
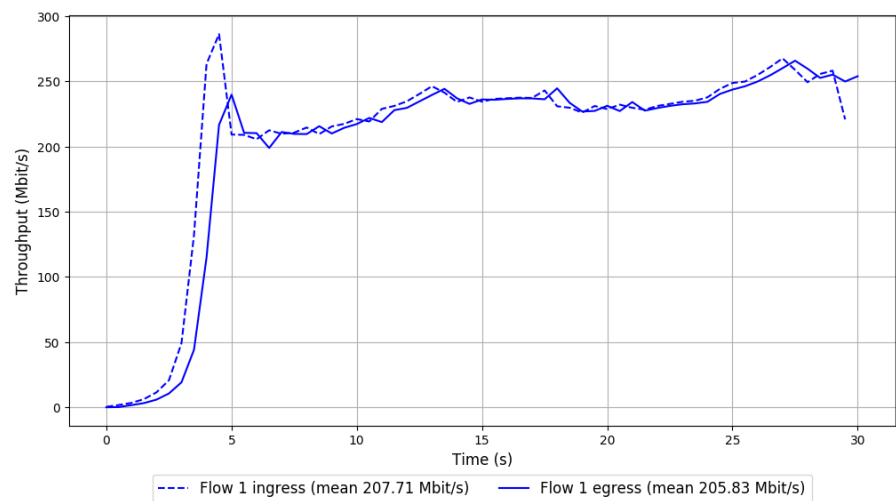


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-27 22:12:32
End at: 2018-08-27 22:13:02
Local clock offset: 2.711 ms
Remote clock offset: -30.438 ms

Below is generated by plot.py at 2018-08-28 01:24:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 205.83 Mbit/s
95th percentile per-packet one-way delay: 62.757 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 205.83 Mbit/s
95th percentile per-packet one-way delay: 62.757 ms
Loss rate: 0.90%

Run 4: Report of PCC-Vivace — Data Link

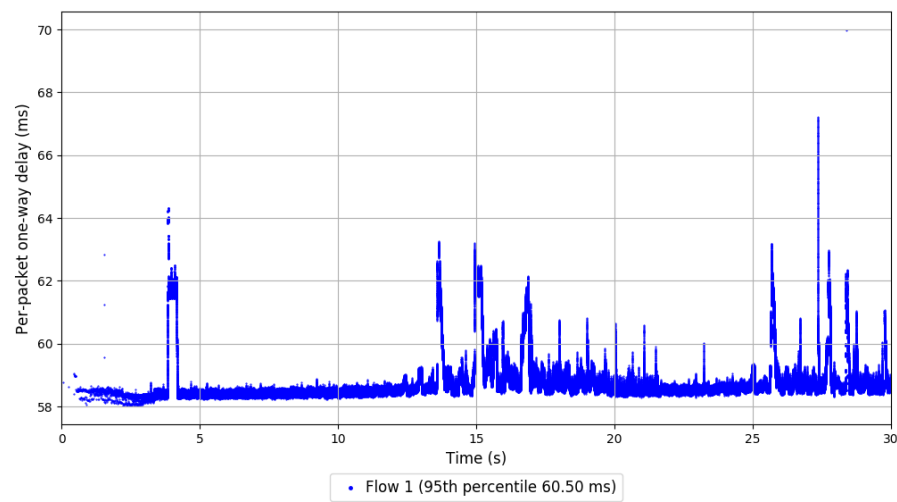
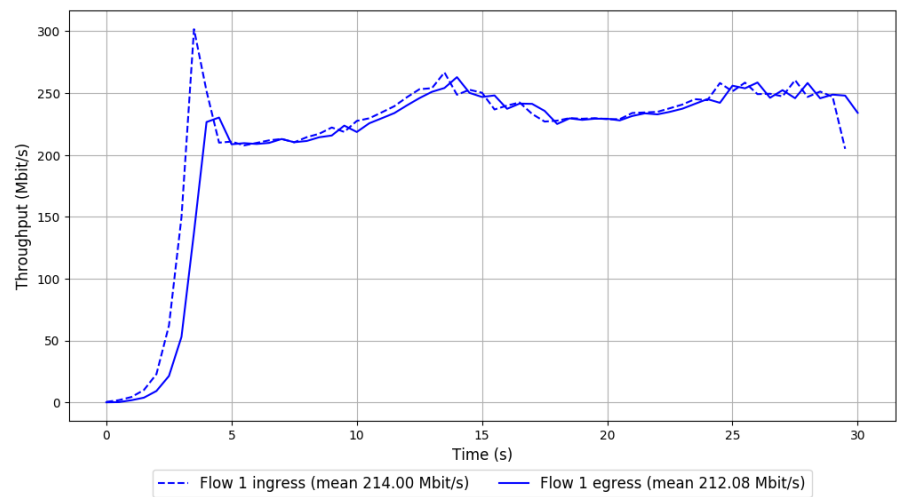


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-27 22:34:04
End at: 2018-08-27 22:34:34
Local clock offset: -0.29 ms
Remote clock offset: -36.132 ms

Below is generated by plot.py at 2018-08-28 01:24:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 212.08 Mbit/s
95th percentile per-packet one-way delay: 60.501 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 212.08 Mbit/s
95th percentile per-packet one-way delay: 60.501 ms
Loss rate: 0.90%

Run 5: Report of PCC-Vivace — Data Link

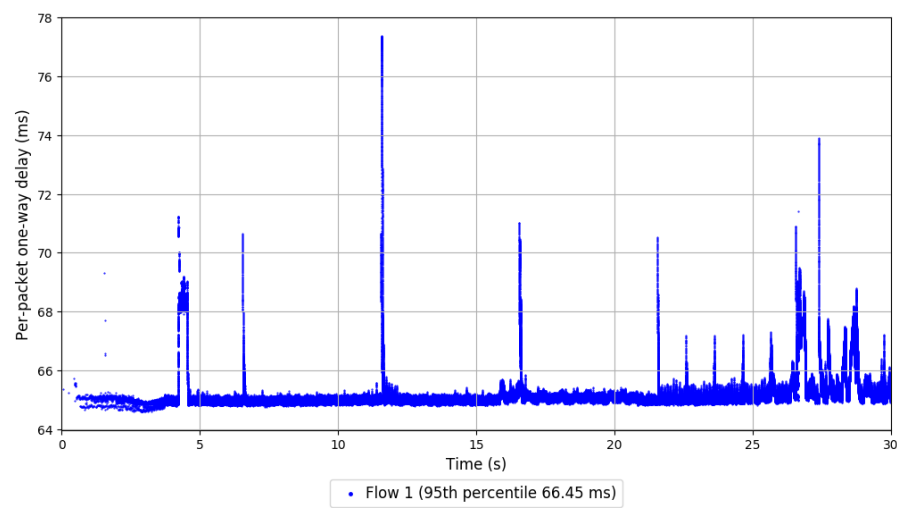
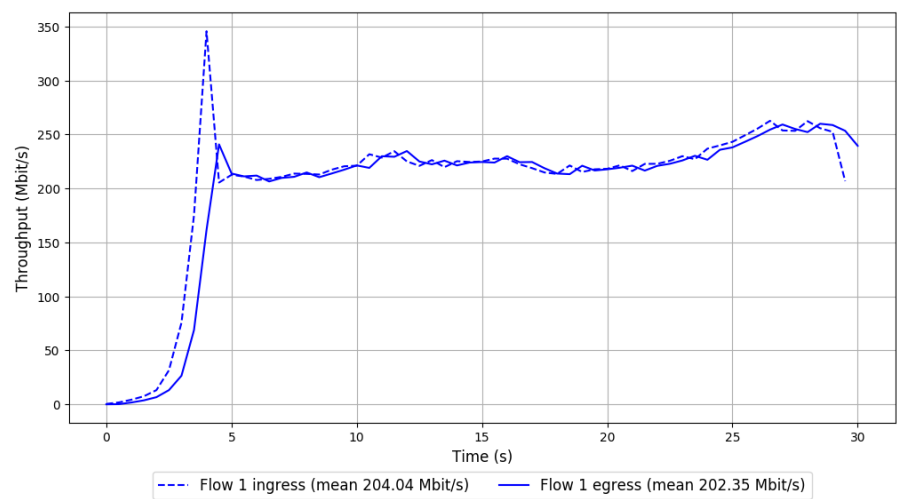


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-27 23:01:07
End at: 2018-08-27 23:01:37
Local clock offset: -0.075 ms
Remote clock offset: -30.882 ms

Below is generated by plot.py at 2018-08-28 01:24:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 202.35 Mbit/s
95th percentile per-packet one-way delay: 66.448 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 202.35 Mbit/s
95th percentile per-packet one-way delay: 66.448 ms
Loss rate: 0.83%

Run 6: Report of PCC-Vivace — Data Link

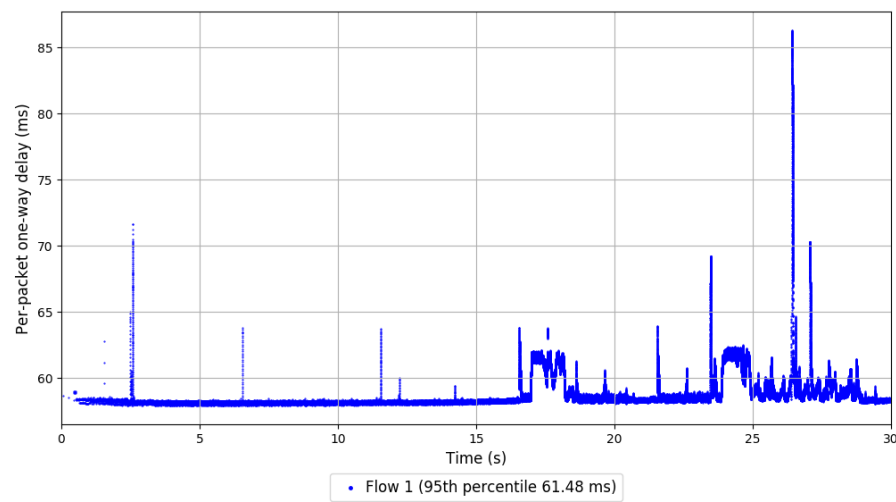
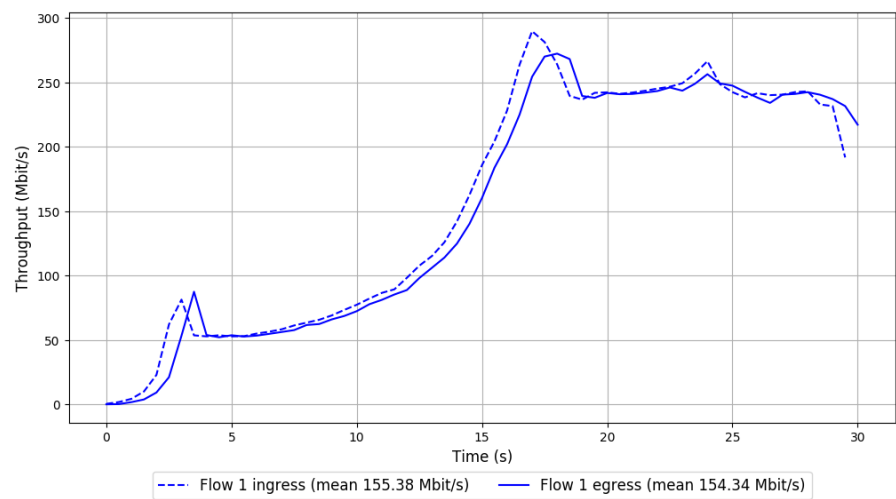


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-27 23:22:33
End at: 2018-08-27 23:23:03
Local clock offset: 0.845 ms
Remote clock offset: -37.389 ms

Below is generated by plot.py at 2018-08-28 01:24:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 154.34 Mbit/s
95th percentile per-packet one-way delay: 61.485 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 154.34 Mbit/s
95th percentile per-packet one-way delay: 61.485 ms
Loss rate: 0.67%

Run 7: Report of PCC-Vivace — Data Link

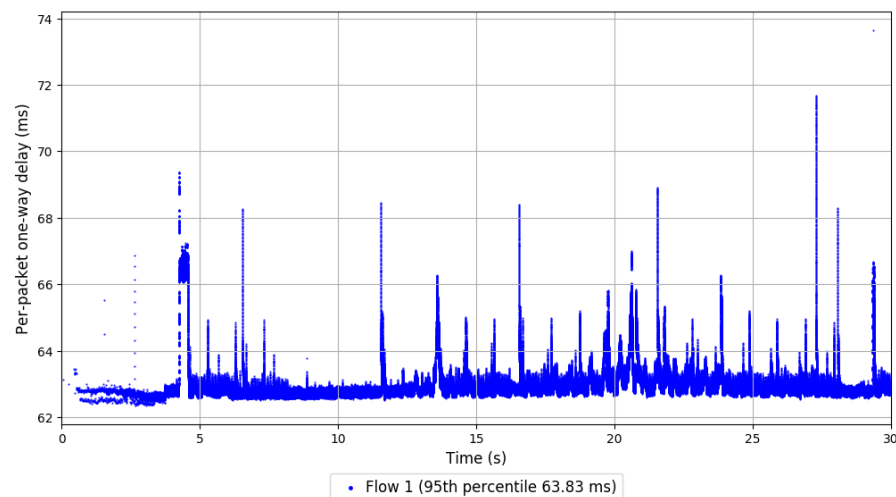
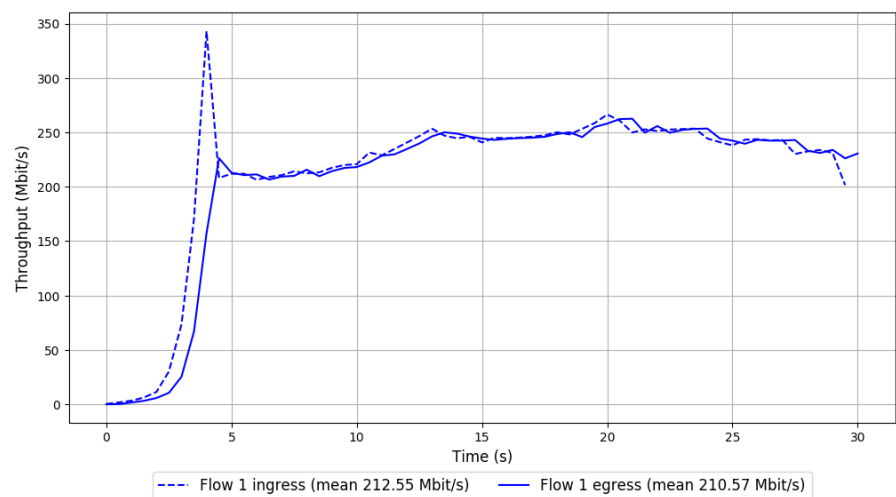


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-27 23:44:02
End at: 2018-08-27 23:44:32
Local clock offset: 2.955 ms
Remote clock offset: -32.289 ms

Below is generated by plot.py at 2018-08-28 01:24:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 210.57 Mbit/s
95th percentile per-packet one-way delay: 63.834 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 210.57 Mbit/s
95th percentile per-packet one-way delay: 63.834 ms
Loss rate: 0.94%

Run 8: Report of PCC-Vivace — Data Link

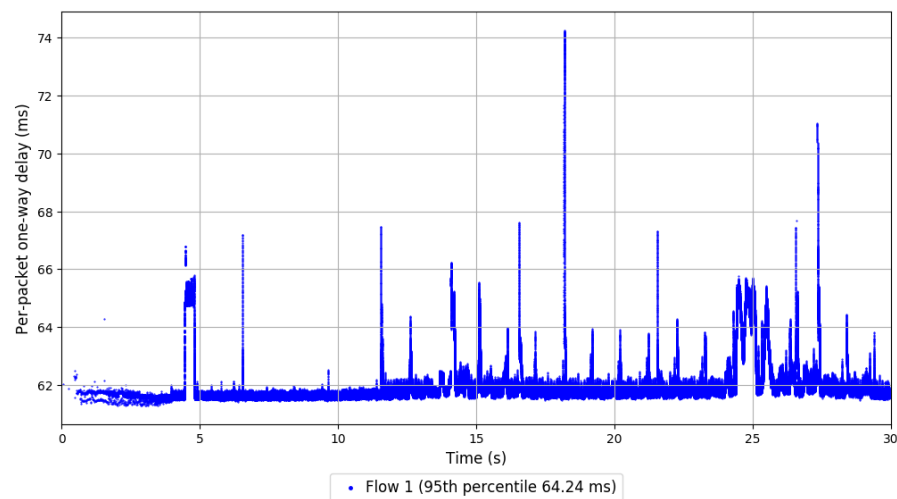
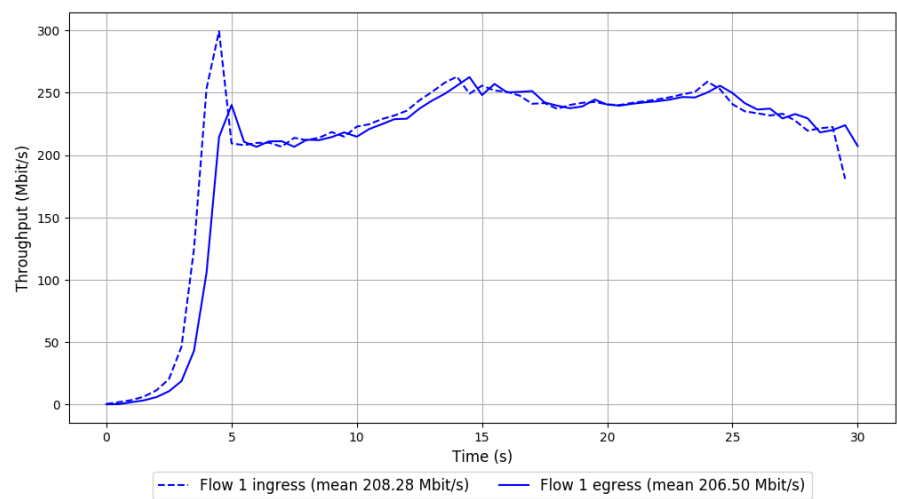


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-28 00:11:09
End at: 2018-08-28 00:11:39
Local clock offset: 1.04 ms
Remote clock offset: -39.085 ms

Below is generated by plot.py at 2018-08-28 01:24:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 206.50 Mbit/s
95th percentile per-packet one-way delay: 64.241 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 206.50 Mbit/s
95th percentile per-packet one-way delay: 64.241 ms
Loss rate: 0.86%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-08-28 00:32:42

End at: 2018-08-28 00:33:12

Local clock offset: 3.535 ms

Remote clock offset: -40.593 ms

Below is generated by plot.py at 2018-08-28 01:24:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 208.94 Mbit/s

95th percentile per-packet one-way delay: 57.034 ms

Loss rate: 0.93%

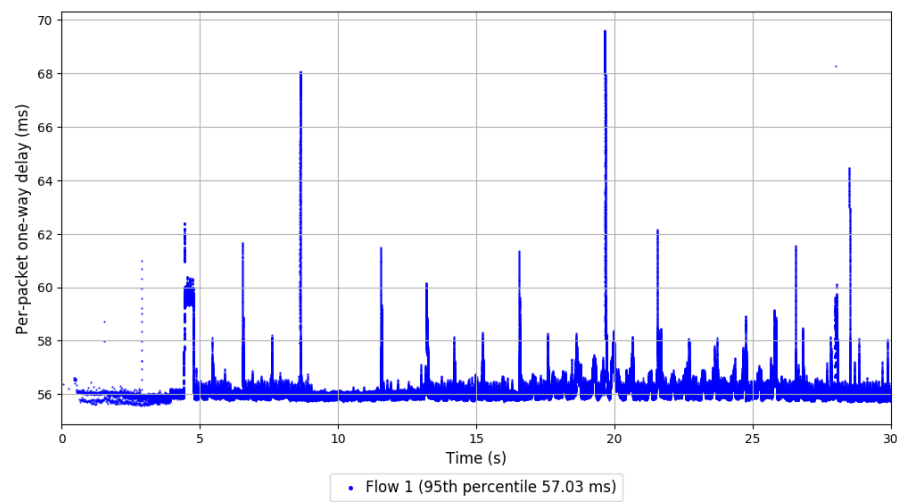
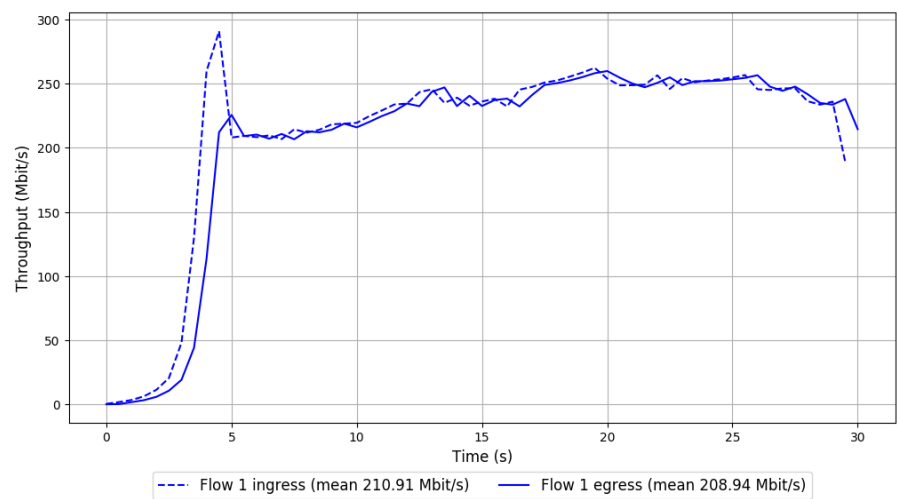
-- Flow 1:

Average throughput: 208.94 Mbit/s

95th percentile per-packet one-way delay: 57.034 ms

Loss rate: 0.93%

Run 10: Report of PCC-Vivace — Data Link

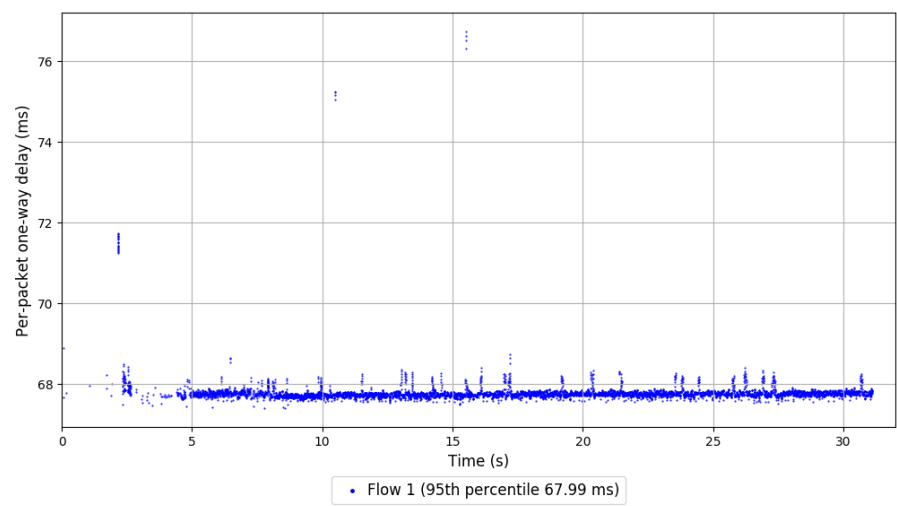
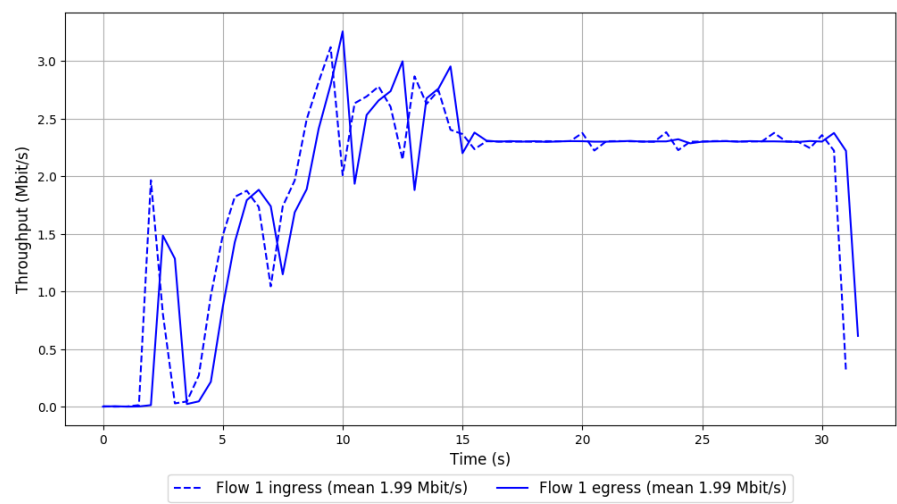


Run 1: Statistics of WebRTC media

Start at: 2018-08-27 20:43:52
End at: 2018-08-27 20:44:22
Local clock offset: -2.709 ms
Remote clock offset: -32.98 ms

Below is generated by plot.py at 2018-08-28 01:24:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 67.992 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 67.992 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

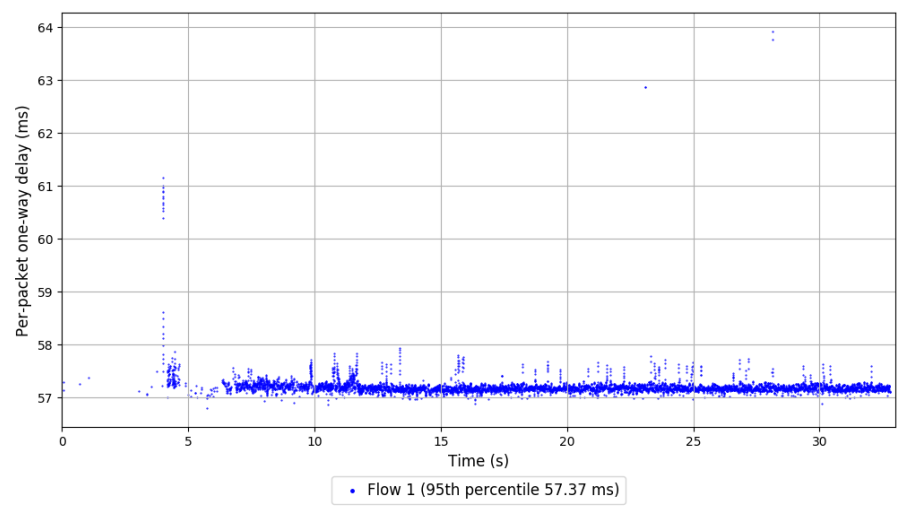
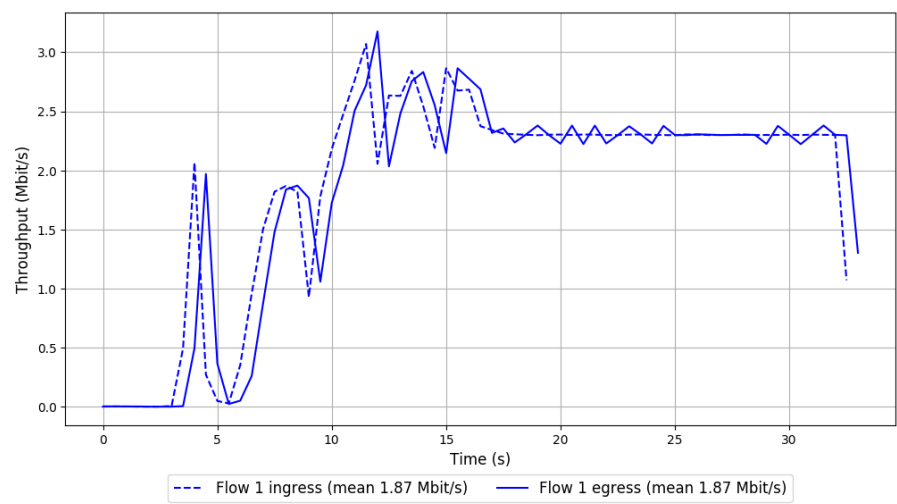


Run 2: Statistics of WebRTC media

Start at: 2018-08-27 21:10:47
End at: 2018-08-27 21:11:17
Local clock offset: 0.914 ms
Remote clock offset: -40.275 ms

Below is generated by plot.py at 2018-08-28 01:24:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 57.372 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 57.372 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-08-27 21:43:31

End at: 2018-08-27 21:44:01

Local clock offset: -0.21 ms

Remote clock offset: -31.428 ms

Below is generated by plot.py at 2018-08-28 01:24:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.87 Mbit/s

95th percentile per-packet one-way delay: 68.459 ms

Loss rate: 0.00%

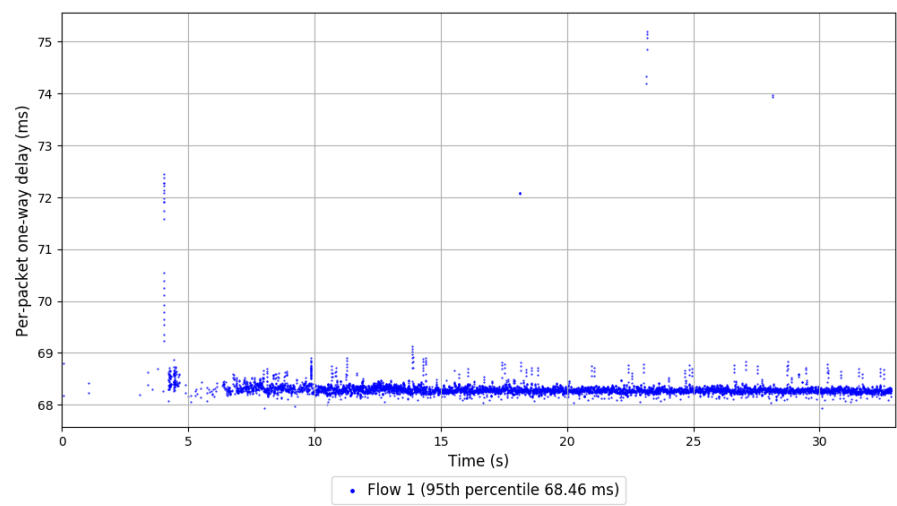
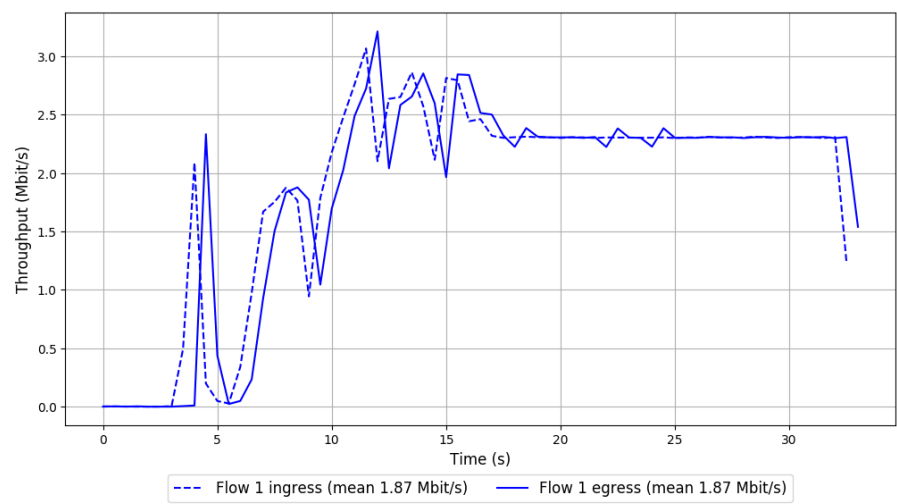
-- Flow 1:

Average throughput: 1.87 Mbit/s

95th percentile per-packet one-way delay: 68.459 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

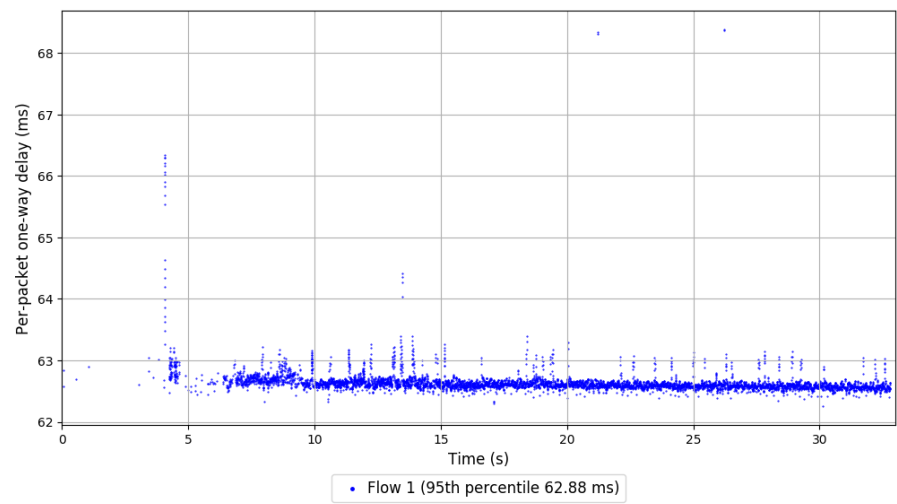
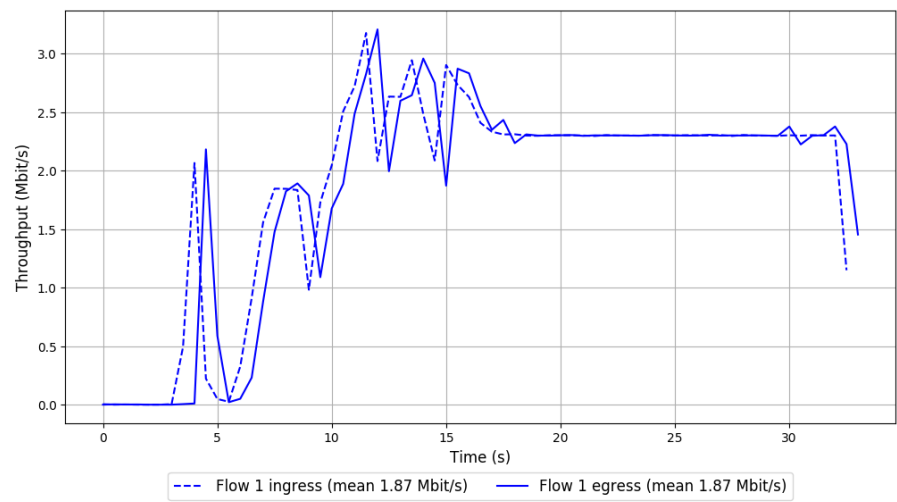


Run 4: Statistics of WebRTC media

Start at: 2018-08-27 22:05:04
End at: 2018-08-27 22:05:34
Local clock offset: -0.235 ms
Remote clock offset: -33.399 ms

Below is generated by plot.py at 2018-08-28 01:24:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 62.878 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 62.878 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

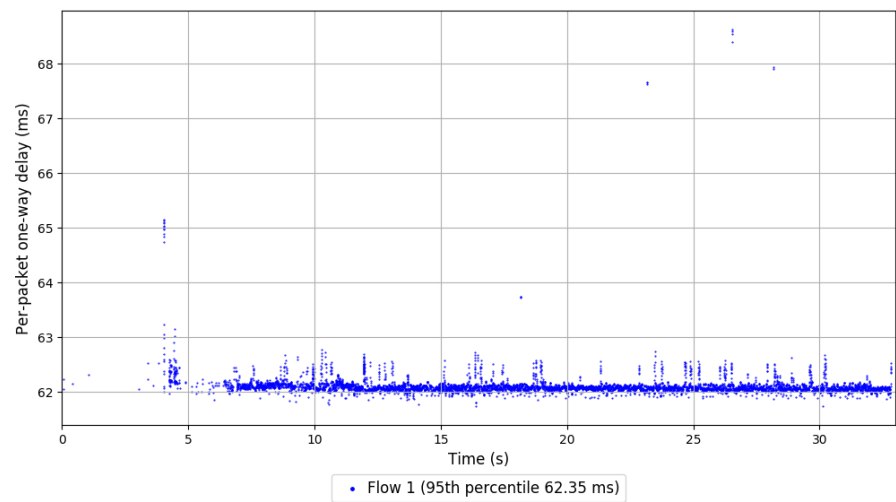
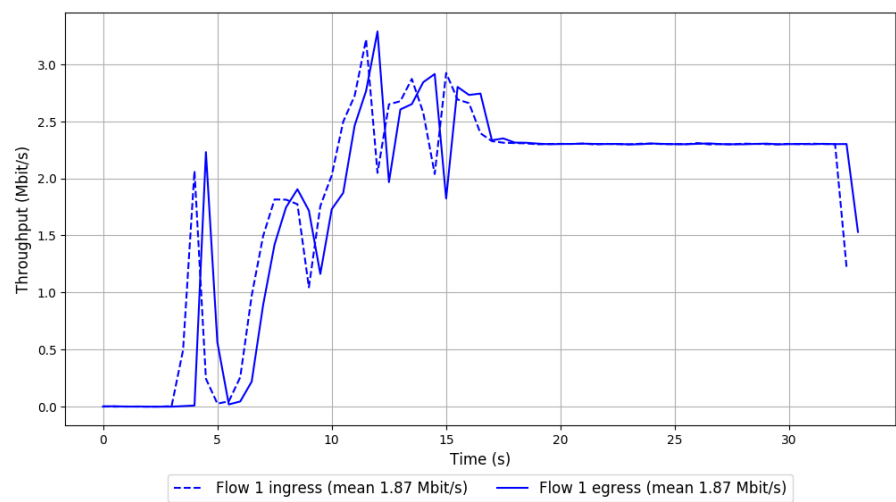


Run 5: Statistics of WebRTC media

Start at: 2018-08-27 22:26:36
End at: 2018-08-27 22:27:06
Local clock offset: -2.252 ms
Remote clock offset: -36.389 ms

Below is generated by plot.py at 2018-08-28 01:24:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 62.352 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 62.352 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

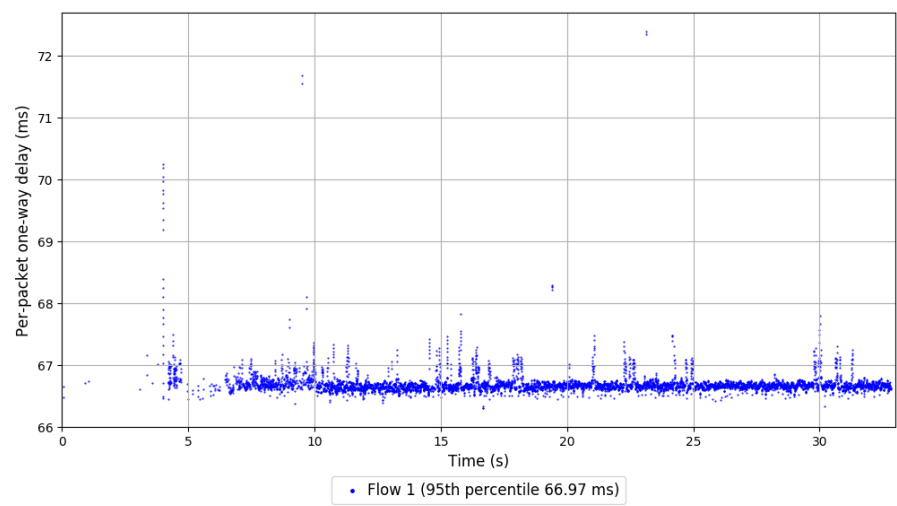
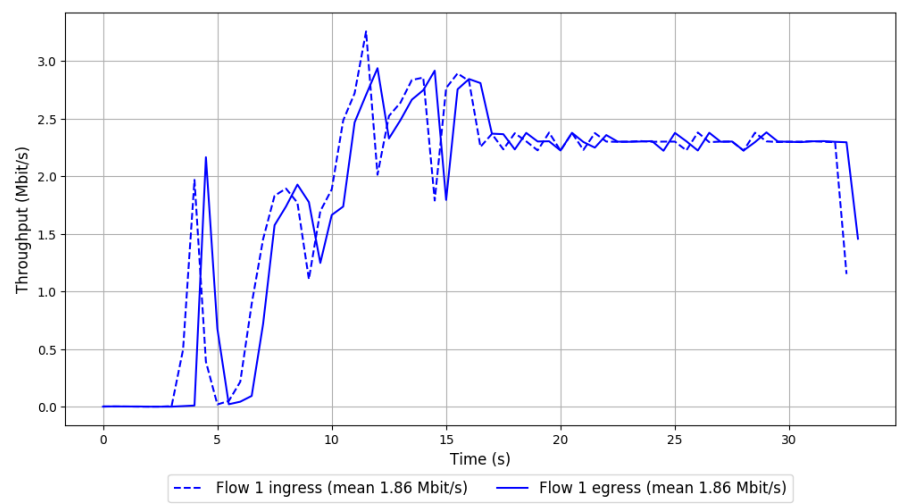


Run 6: Statistics of WebRTC media

Start at: 2018-08-27 22:53:43
End at: 2018-08-27 22:54:13
Local clock offset: 0.624 ms
Remote clock offset: -30.658 ms

Below is generated by plot.py at 2018-08-28 01:24:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 66.972 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 66.972 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

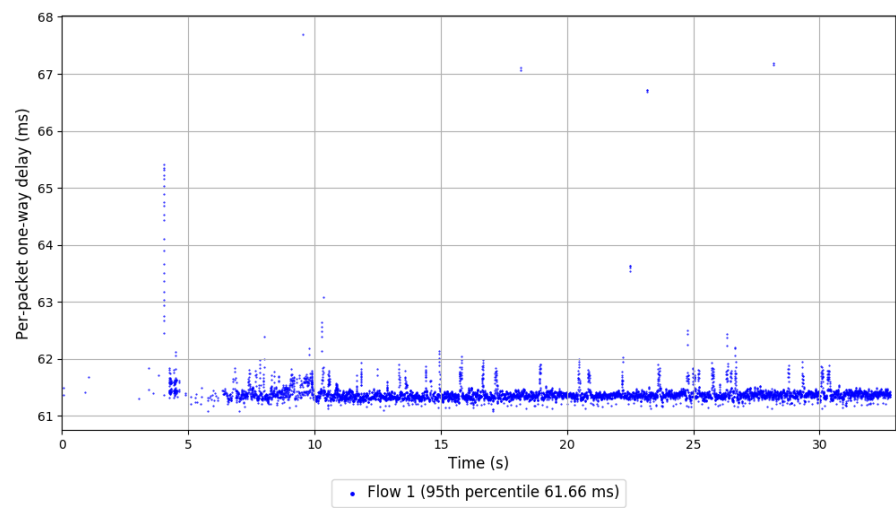
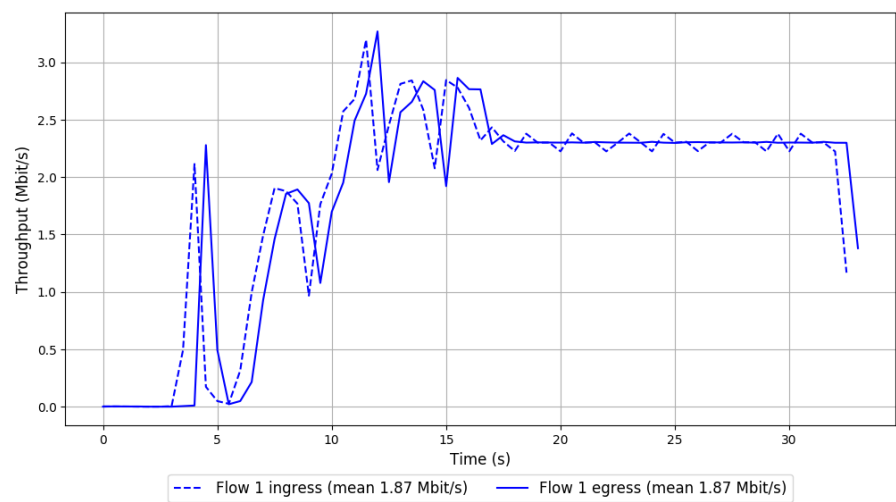


Run 7: Statistics of WebRTC media

Start at: 2018-08-27 23:15:07
End at: 2018-08-27 23:15:37
Local clock offset: -0.045 ms
Remote clock offset: -35.138 ms

Below is generated by plot.py at 2018-08-28 01:24:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 61.664 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 61.664 ms
Loss rate: 0.02%

Run 7: Report of WebRTC media — Data Link

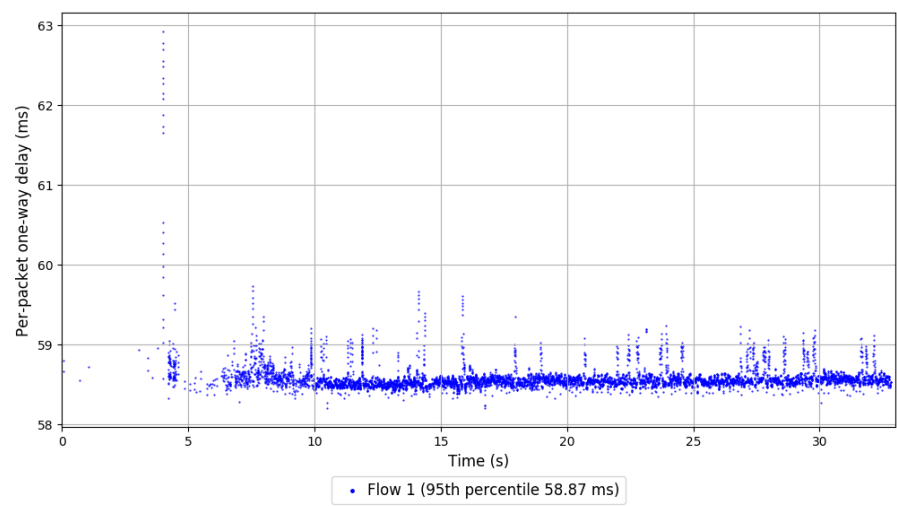
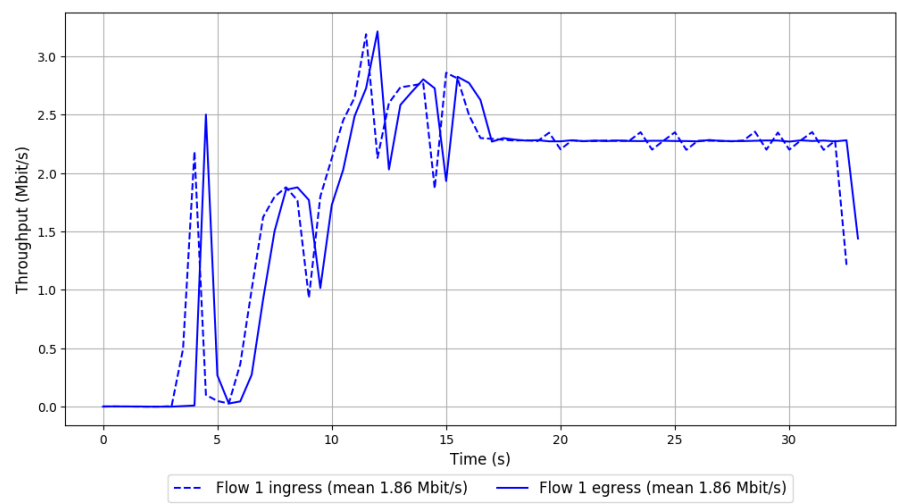


Run 8: Statistics of WebRTC media

Start at: 2018-08-27 23:36:37
End at: 2018-08-27 23:37:07
Local clock offset: 1.603 ms
Remote clock offset: -37.349 ms

Below is generated by plot.py at 2018-08-28 01:24:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 58.874 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 58.874 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

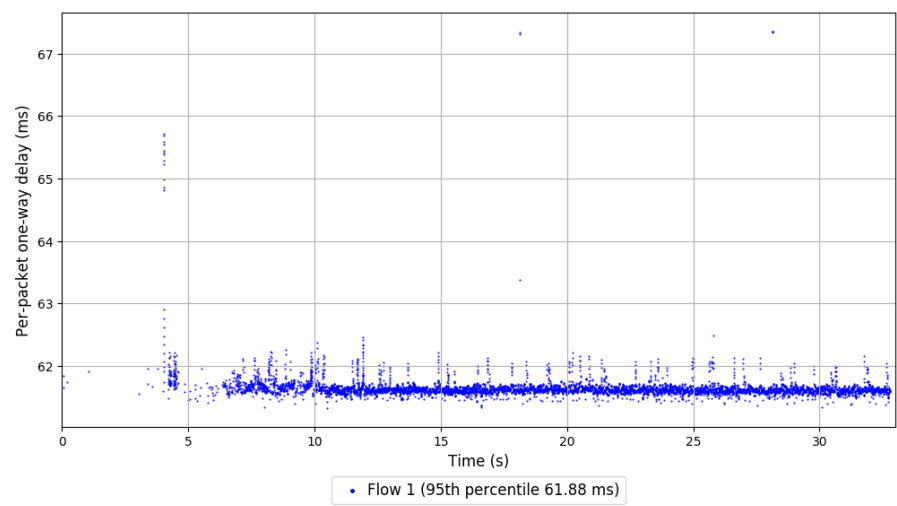
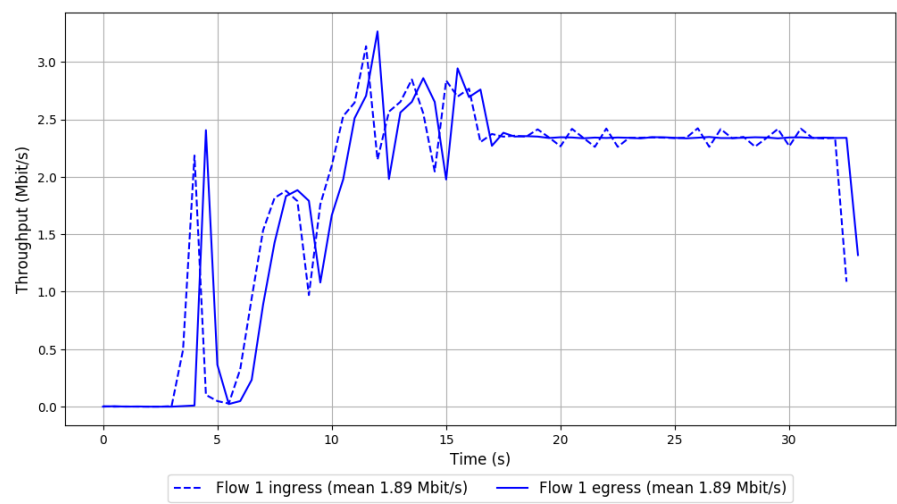


Run 9: Statistics of WebRTC media

Start at: 2018-08-28 00:03:44
End at: 2018-08-28 00:04:14
Local clock offset: 1.863 ms
Remote clock offset: -38.436 ms

Below is generated by plot.py at 2018-08-28 01:24:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 61.885 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 61.885 ms
Loss rate: 0.06%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-28 00:25:13
End at: 2018-08-28 00:25:43
Local clock offset: 0.537 ms
Remote clock offset: -38.748 ms

Below is generated by plot.py at 2018-08-28 01:24:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 60.678 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 60.678 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

