

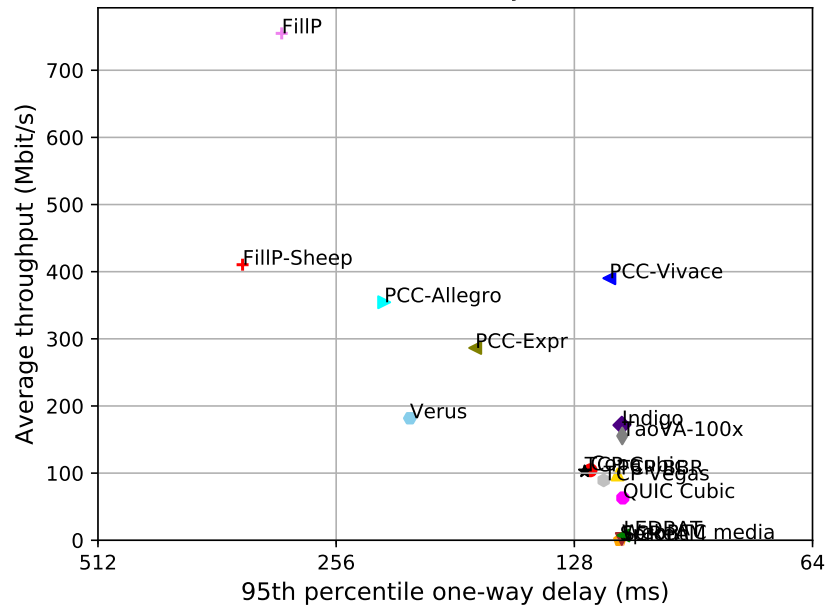
Pantheon Report

Generated at 2018-07-03 14:22:42 (UTC).
Data path: GCE Tokyo Ethernet (*local*) → GCE London Ethernet (*remote*).
Repeated the test of 17 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
NTP offsets were measured against `time.google.com` and have been applied
to correct the timestamps in logs.

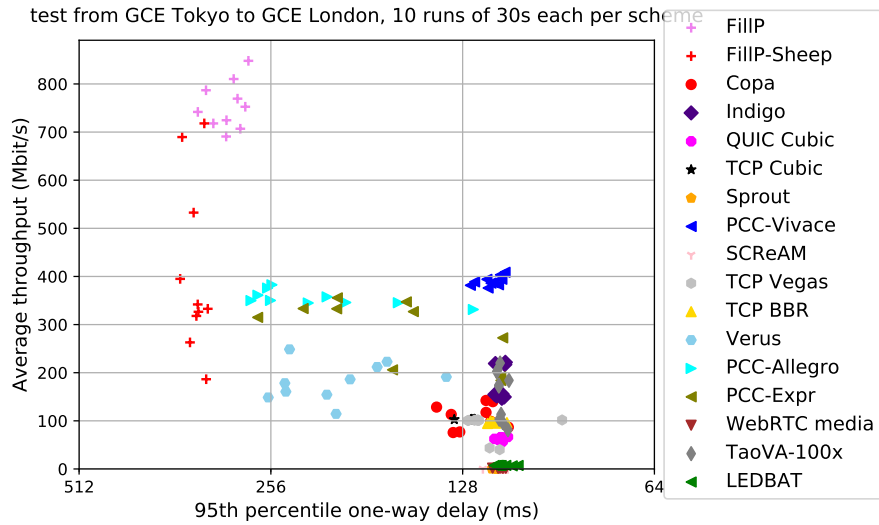
Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from GCE Tokyo to GCE London, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from GCE Tokyo to GCE London, 10 runs of 30s each per scheme



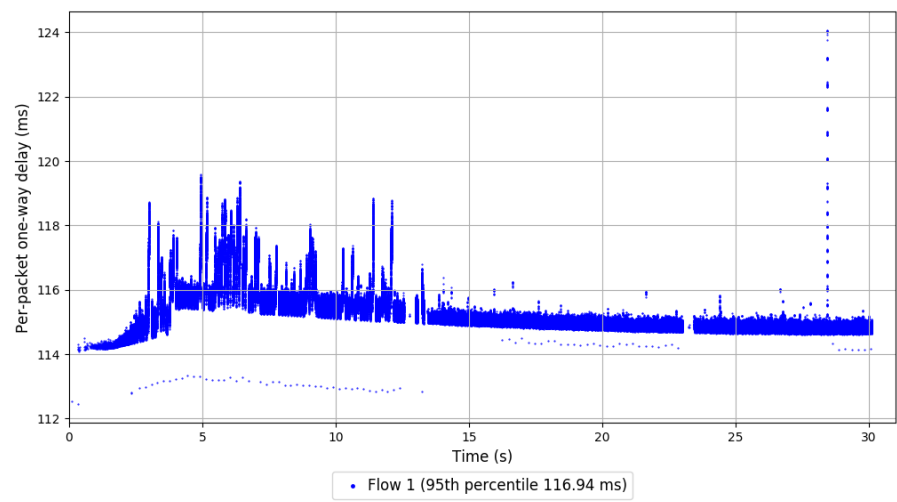
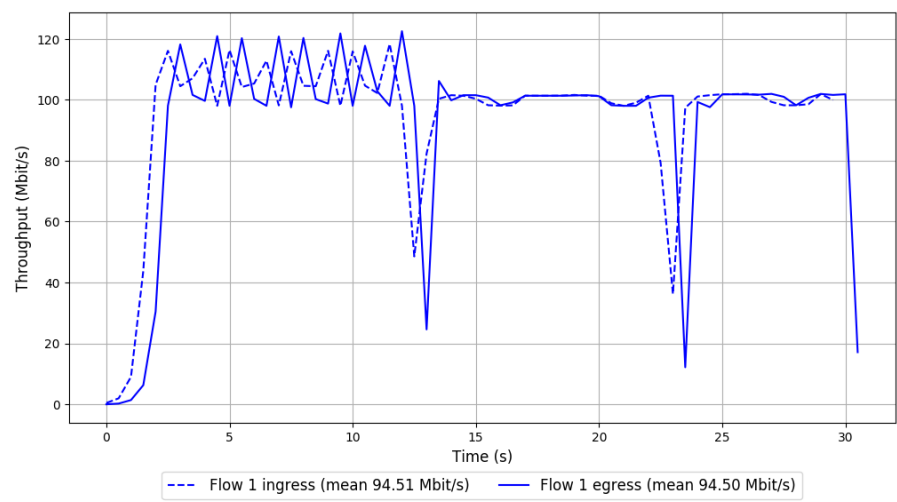
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	97.98	112.87	0.00
Copa	10	104.25	122.13	0.01
TCP Cubic	10	102.54	124.23	0.01
FillP	10	754.93	299.95	1.39
FillP-Sheep	10	410.39	336.13	7.68
Indigo	10	171.44	111.48	0.00
LEDBAT	10	7.23	110.96	0.00
PCC-Allegro	10	354.48	222.61	0.59
PCC-Expr	10	286.43	170.82	1.24
QUIC Cubic	9	62.99	111.17	0.00
SCReAM	10	0.22	111.38	0.00
Sprout	10	0.20	112.14	0.00
TaoVA-100x	10	155.40	111.34	0.00
TCP Vegas	10	89.30	117.53	0.03
Verus	10	181.72	206.56	0.80
PCC-Vivace	10	390.23	115.61	0.05
WebRTC media	10	1.87	111.49	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-07-03 09:20:15
End at: 2018-07-03 09:20:45
Local clock offset: 21.216 ms
Remote clock offset: -31.381 ms

Below is generated by plot.py at 2018-07-03 13:07:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 116.943 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 116.943 ms
Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

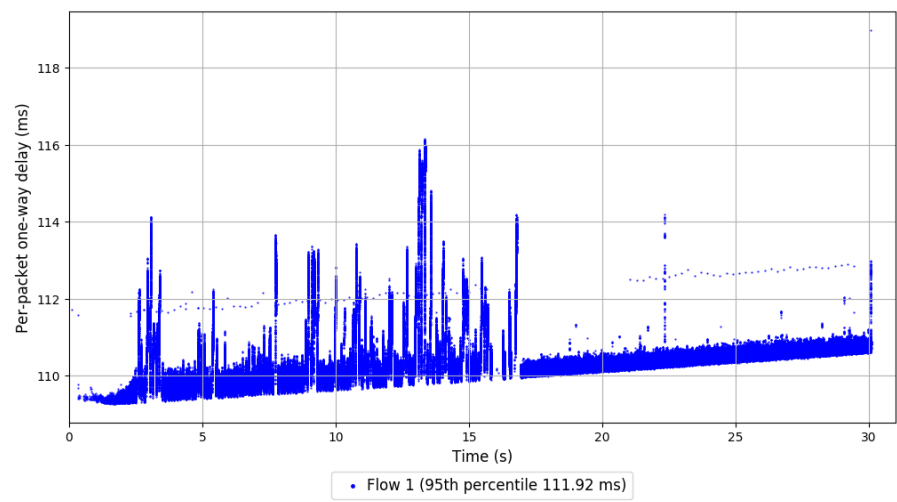
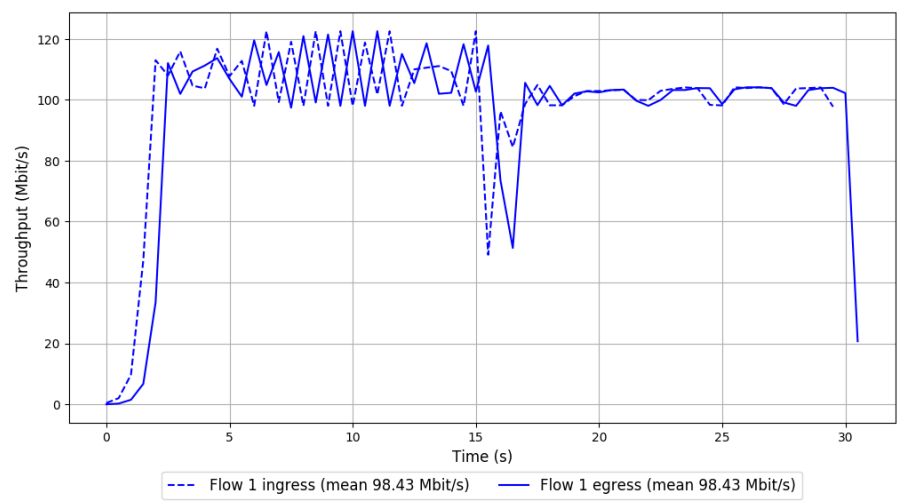


Run 2: Statistics of TCP BBR

Start at: 2018-07-03 09:42:18
End at: 2018-07-03 09:42:48
Local clock offset: 23.333 ms
Remote clock offset: -58.468 ms

Below is generated by plot.py at 2018-07-03 13:07:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 98.43 Mbit/s
95th percentile per-packet one-way delay: 111.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 98.43 Mbit/s
95th percentile per-packet one-way delay: 111.916 ms
Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

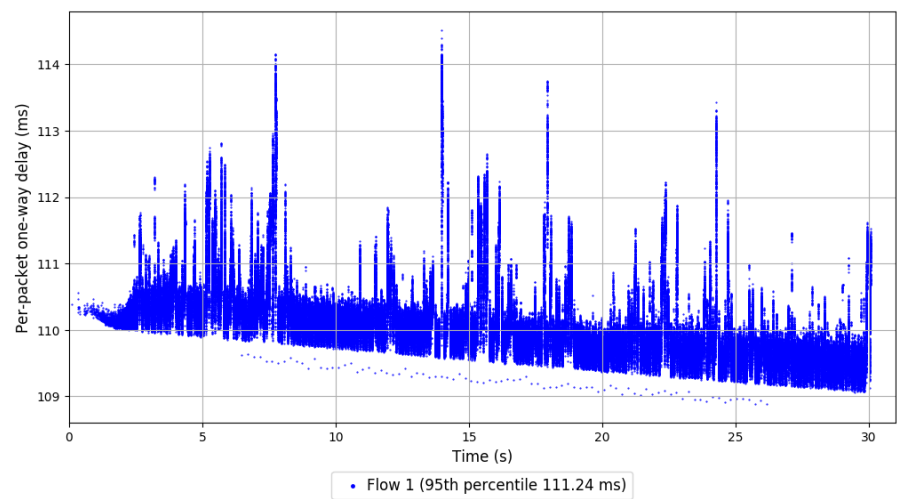
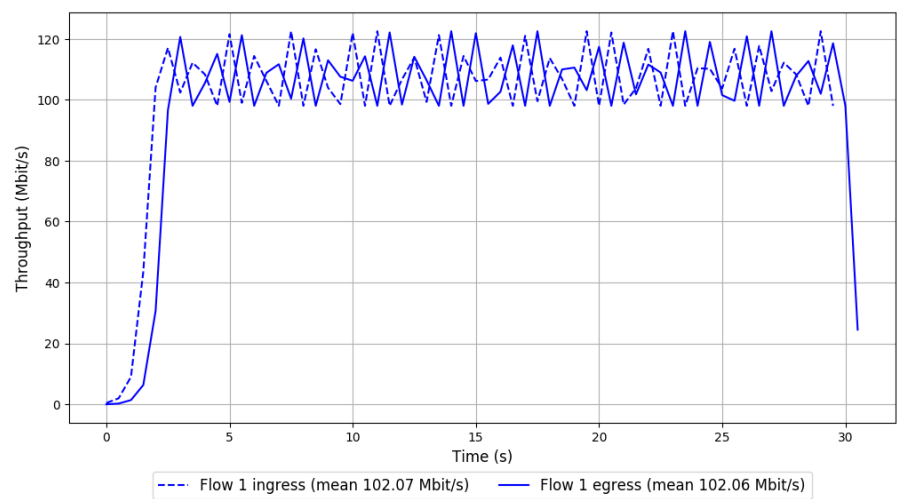


Run 3: Statistics of TCP BBR

Start at: 2018-07-03 10:04:33
End at: 2018-07-03 10:05:03
Local clock offset: 32.587 ms
Remote clock offset: -33.75 ms

Below is generated by plot.py at 2018-07-03 13:07:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.06 Mbit/s
95th percentile per-packet one-way delay: 111.244 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.06 Mbit/s
95th percentile per-packet one-way delay: 111.244 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

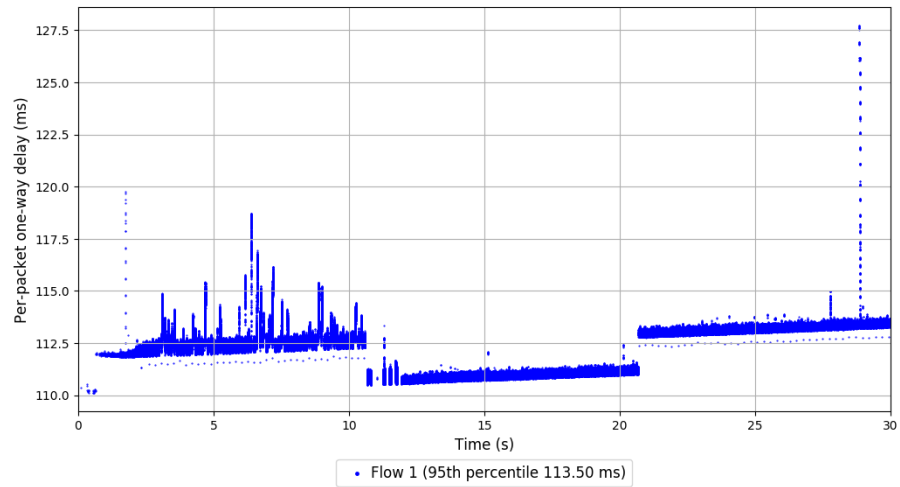
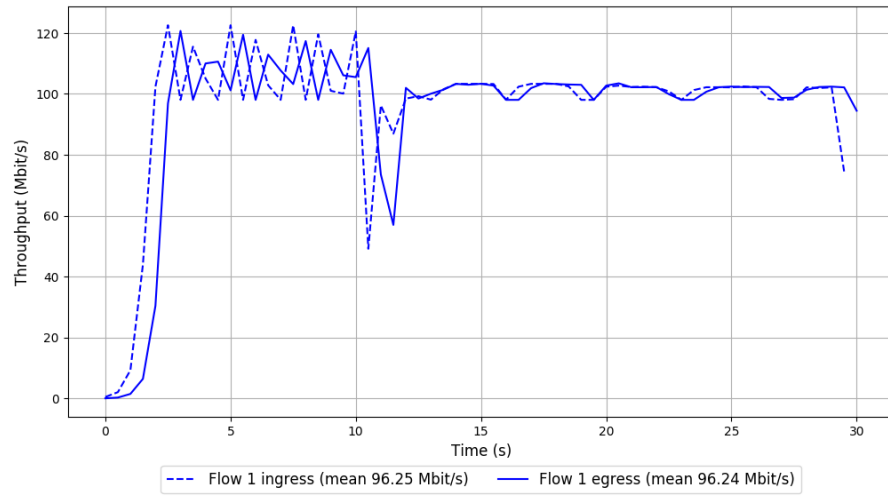


Run 4: Statistics of TCP BBR

Start at: 2018-07-03 10:26:58
End at: 2018-07-03 10:27:28
Local clock offset: 58.306 ms
Remote clock offset: -39.119 ms

Below is generated by plot.py at 2018-07-03 13:07:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 113.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 113.496 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

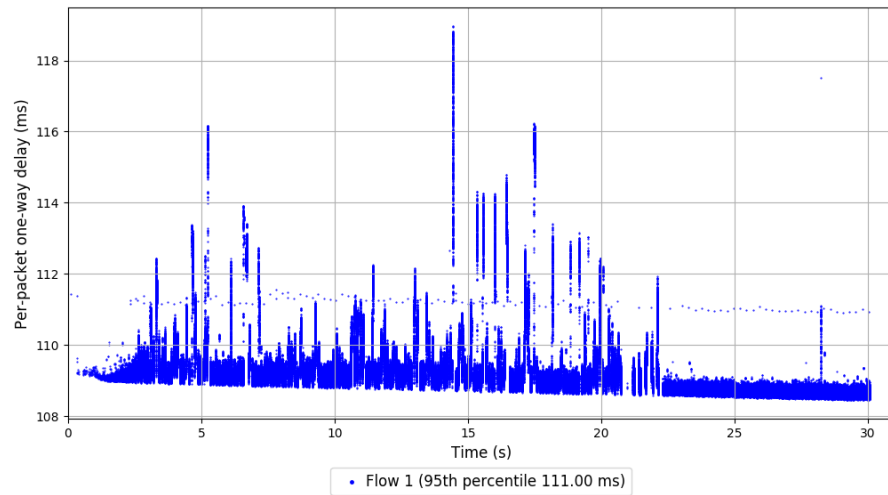
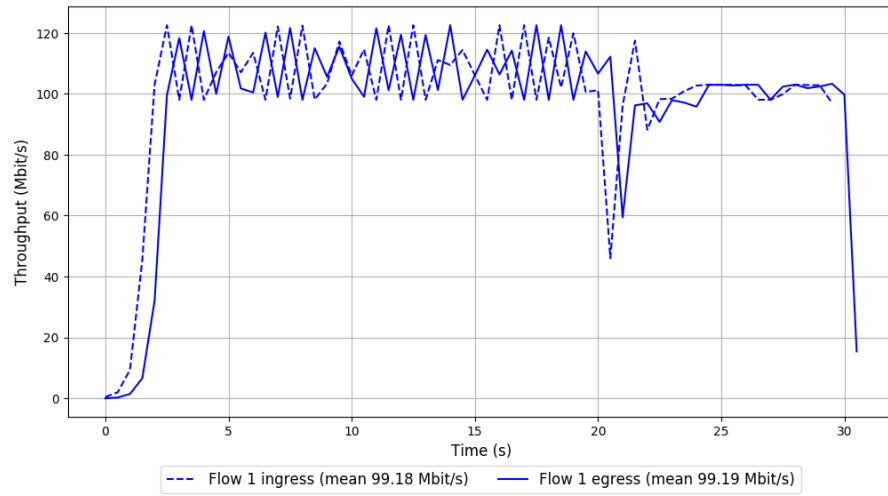


Run 5: Statistics of TCP BBR

Start at: 2018-07-03 10:49:22
End at: 2018-07-03 10:49:52
Local clock offset: 15.825 ms
Remote clock offset: -22.311 ms

Below is generated by plot.py at 2018-07-03 13:07:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 99.19 Mbit/s
95th percentile per-packet one-way delay: 111.001 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 99.19 Mbit/s
95th percentile per-packet one-way delay: 111.001 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

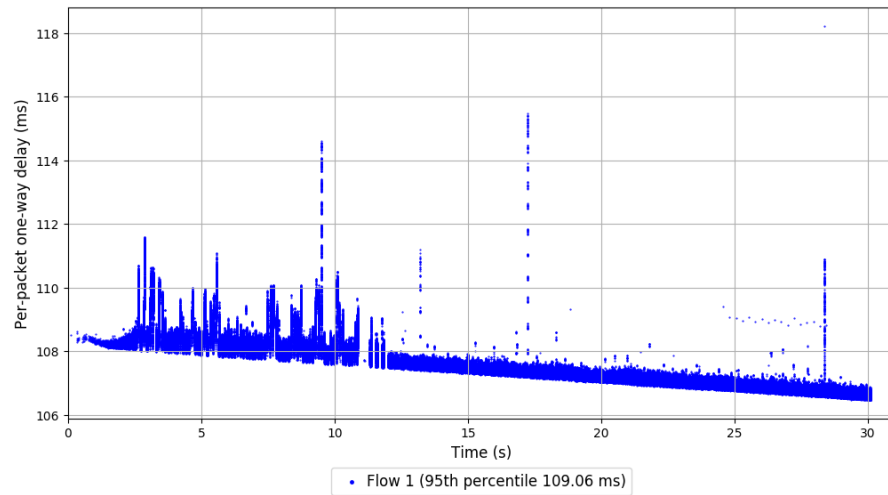
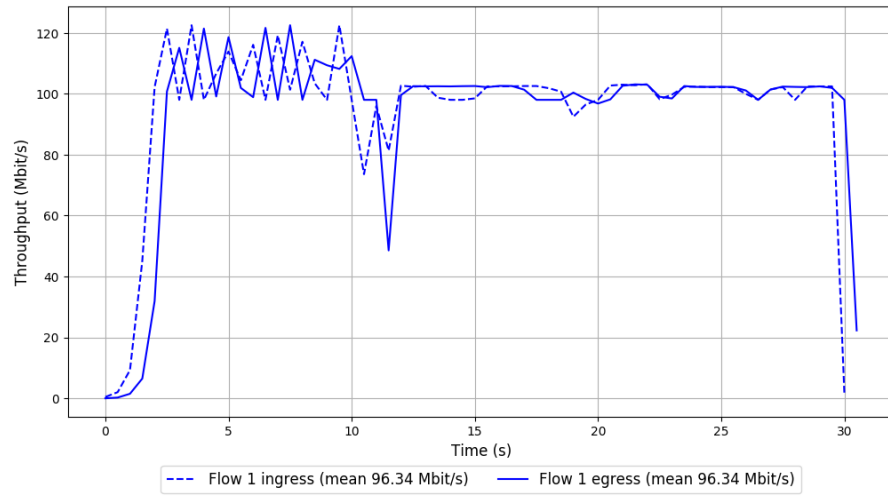


Run 6: Statistics of TCP BBR

Start at: 2018-07-03 11:11:40
End at: 2018-07-03 11:12:10
Local clock offset: 9.161 ms
Remote clock offset: -26.712 ms

Below is generated by plot.py at 2018-07-03 13:07:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 109.065 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 109.065 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

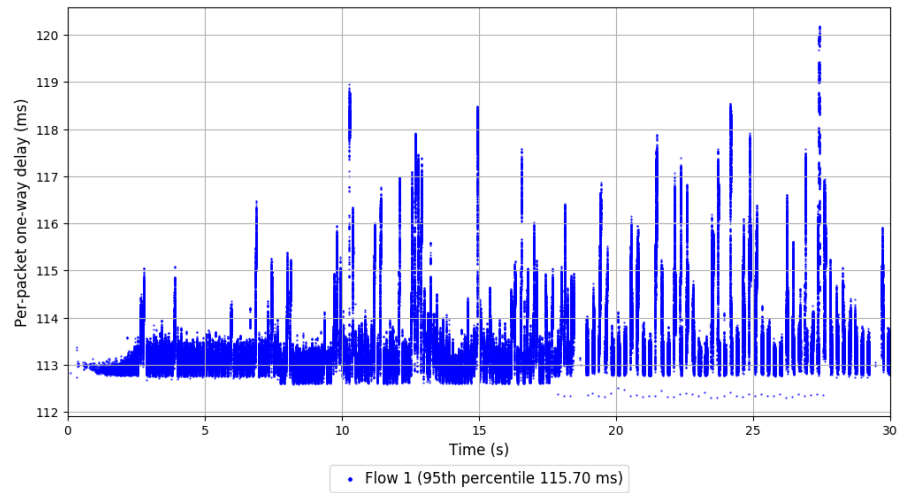
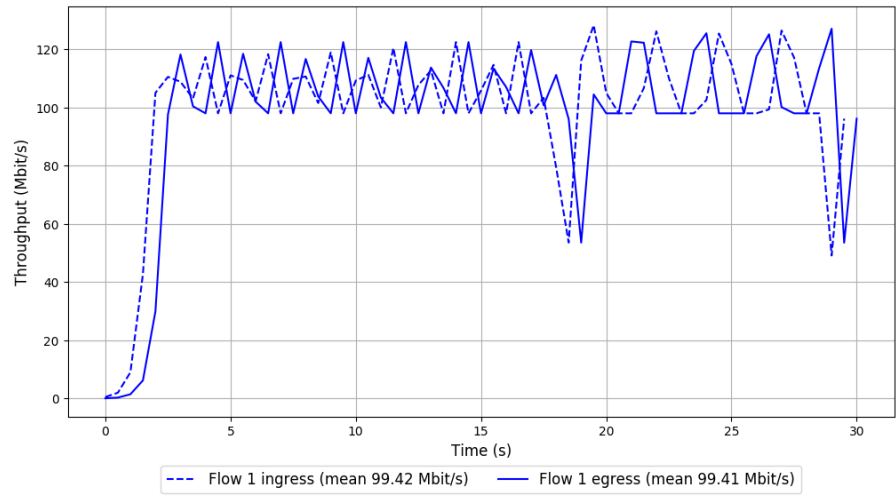


Run 7: Statistics of TCP BBR

Start at: 2018-07-03 11:33:51
End at: 2018-07-03 11:34:21
Local clock offset: 5.291 ms
Remote clock offset: -5.906 ms

Below is generated by plot.py at 2018-07-03 13:07:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 99.41 Mbit/s
95th percentile per-packet one-way delay: 115.704 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 99.41 Mbit/s
95th percentile per-packet one-way delay: 115.704 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link

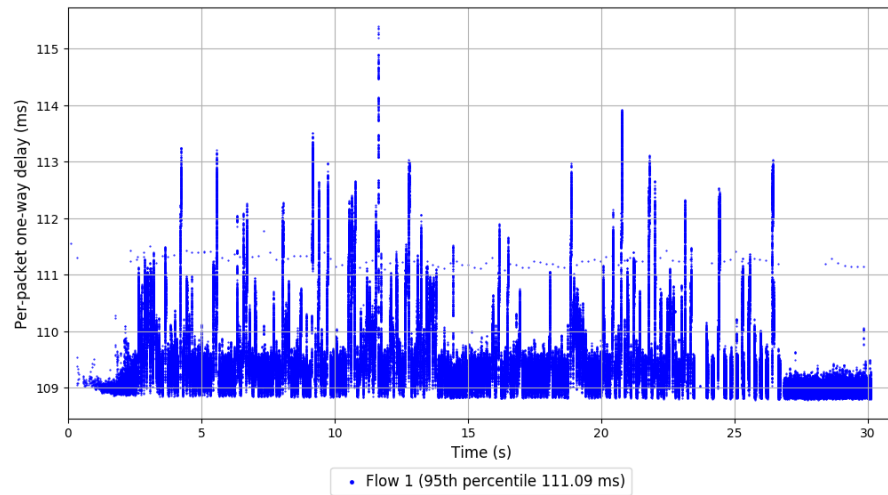
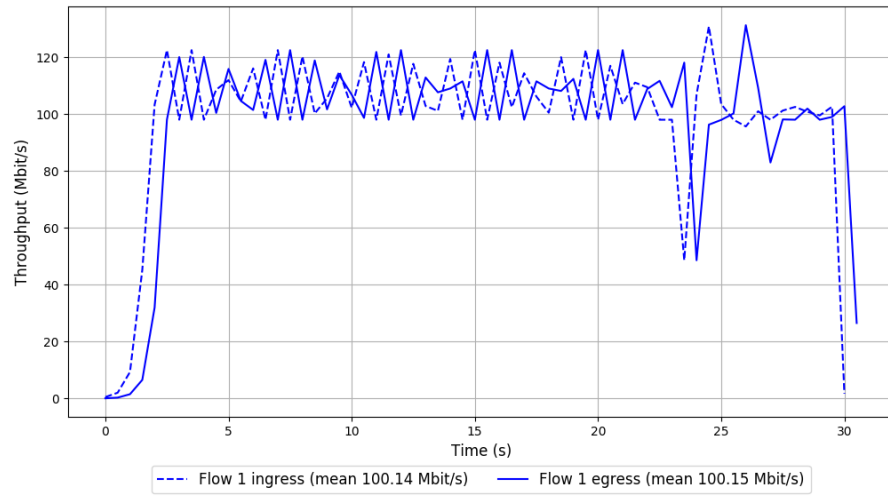


Run 8: Statistics of TCP BBR

Start at: 2018-07-03 11:56:30
End at: 2018-07-03 11:57:00
Local clock offset: 2.88 ms
Remote clock offset: -2.647 ms

Below is generated by plot.py at 2018-07-03 13:07:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.15 Mbit/s
95th percentile per-packet one-way delay: 111.094 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.15 Mbit/s
95th percentile per-packet one-way delay: 111.094 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-07-03 12:18:35

End at: 2018-07-03 12:19:05

Local clock offset: 0.91 ms

Remote clock offset: -2.711 ms

Below is generated by plot.py at 2018-07-03 13:08:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.28 Mbit/s

95th percentile per-packet one-way delay: 113.582 ms

Loss rate: 0.00%

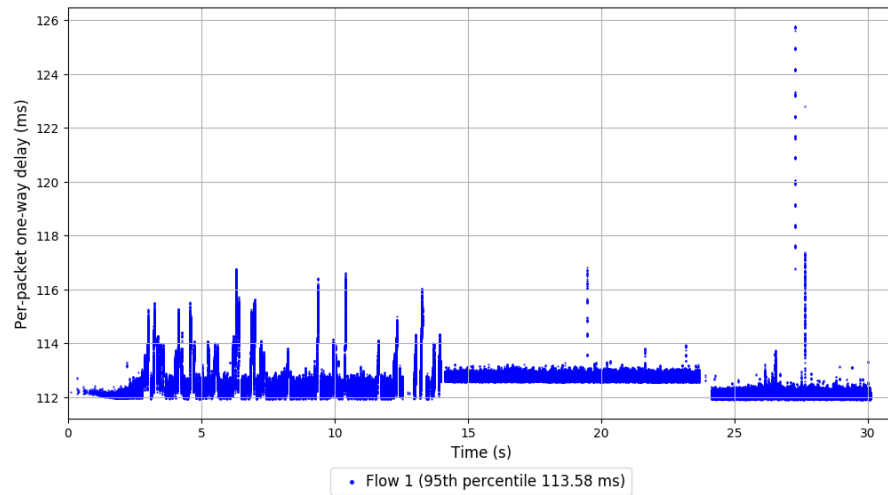
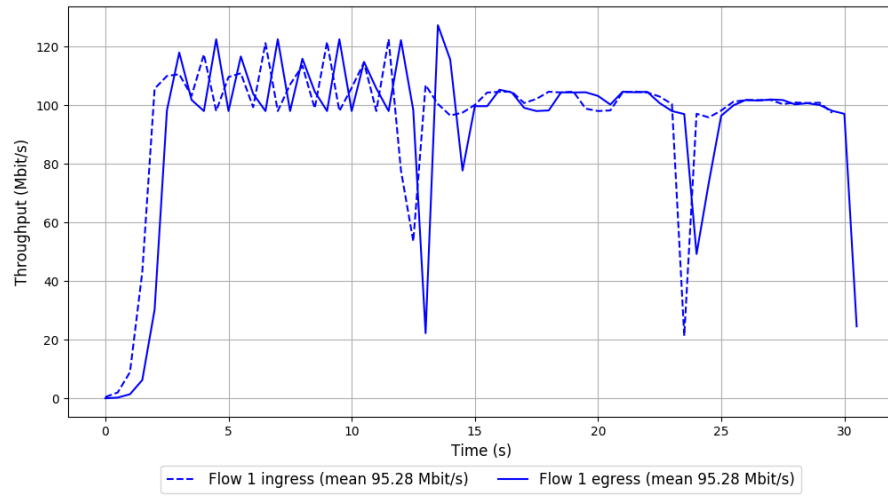
-- Flow 1:

Average throughput: 95.28 Mbit/s

95th percentile per-packet one-way delay: 113.582 ms

Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

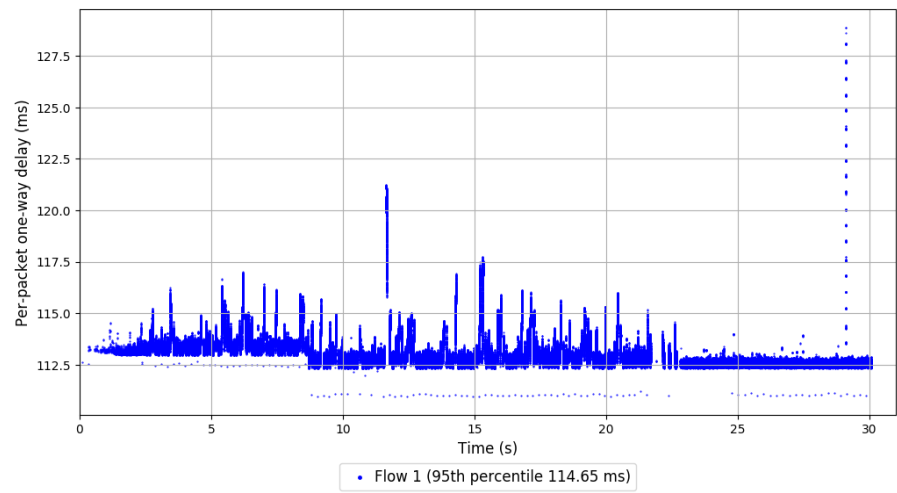
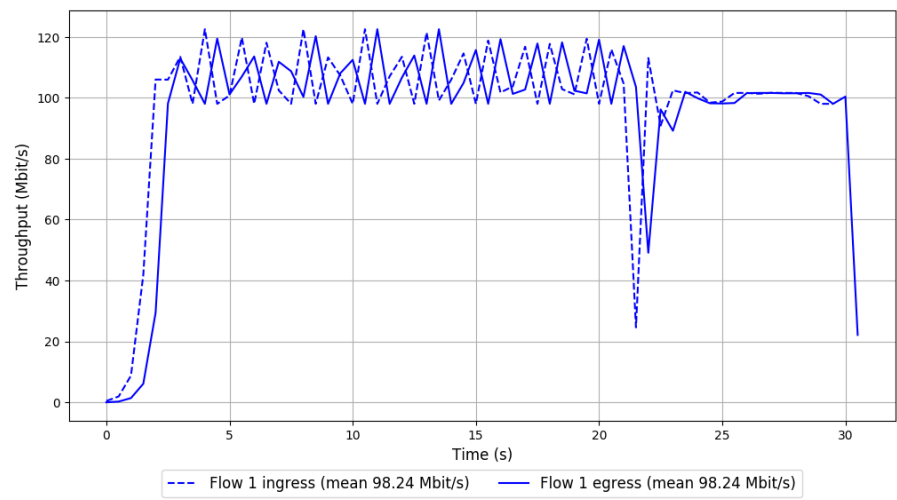


Run 10: Statistics of TCP BBR

Start at: 2018-07-03 12:40:40
End at: 2018-07-03 12:41:10
Local clock offset: -0.094 ms
Remote clock offset: -1.046 ms

Below is generated by plot.py at 2018-07-03 13:08:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 98.24 Mbit/s
95th percentile per-packet one-way delay: 114.651 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 98.24 Mbit/s
95th percentile per-packet one-way delay: 114.651 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

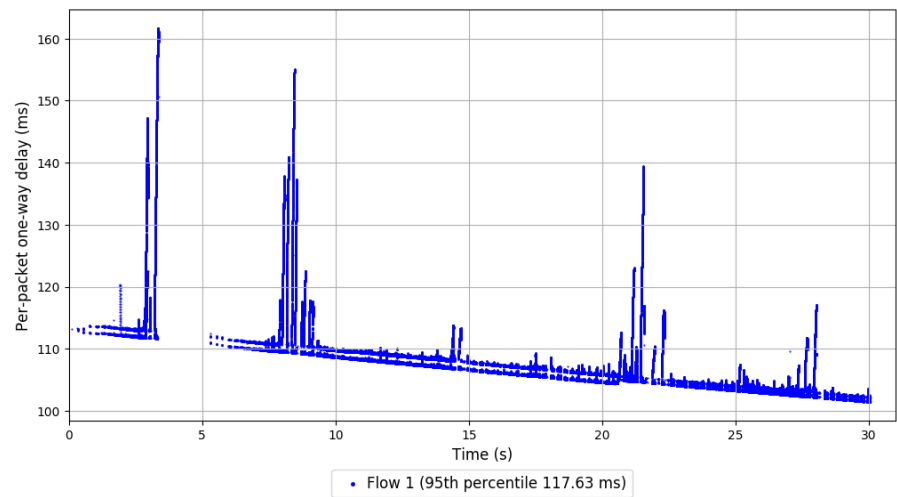
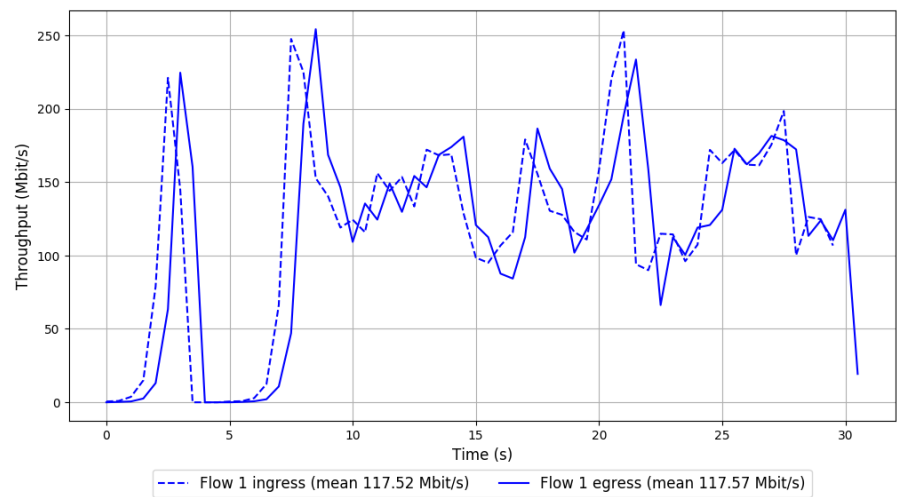


Run 1: Statistics of Copa

Start at: 2018-07-03 09:30:58
End at: 2018-07-03 09:31:28
Local clock offset: 56.908 ms
Remote clock offset: -39.64 ms

Below is generated by plot.py at 2018-07-03 13:10:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 117.57 Mbit/s
95th percentile per-packet one-way delay: 117.629 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 117.57 Mbit/s
95th percentile per-packet one-way delay: 117.629 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

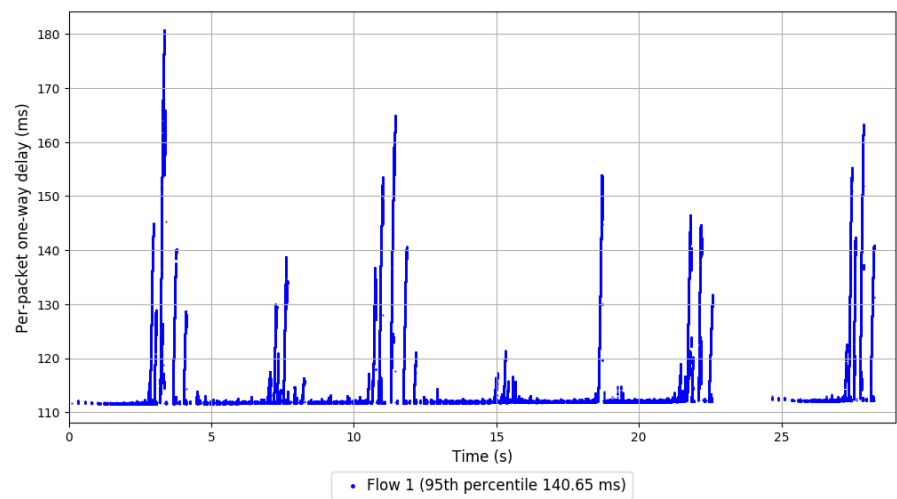
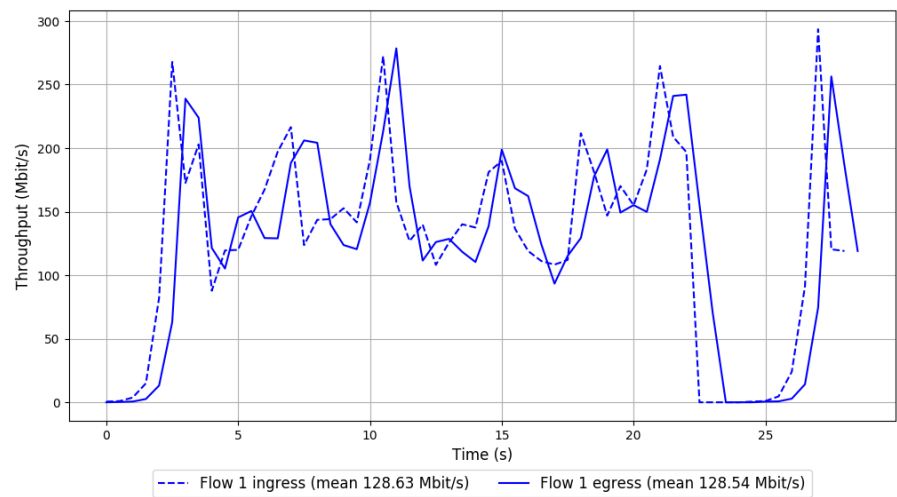


Run 2: Statistics of Copa

Start at: 2018-07-03 09:53:08
End at: 2018-07-03 09:53:38
Local clock offset: 34.719 ms
Remote clock offset: -28.844 ms

Below is generated by plot.py at 2018-07-03 13:10:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 128.54 Mbit/s
95th percentile per-packet one-way delay: 140.649 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 128.54 Mbit/s
95th percentile per-packet one-way delay: 140.649 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

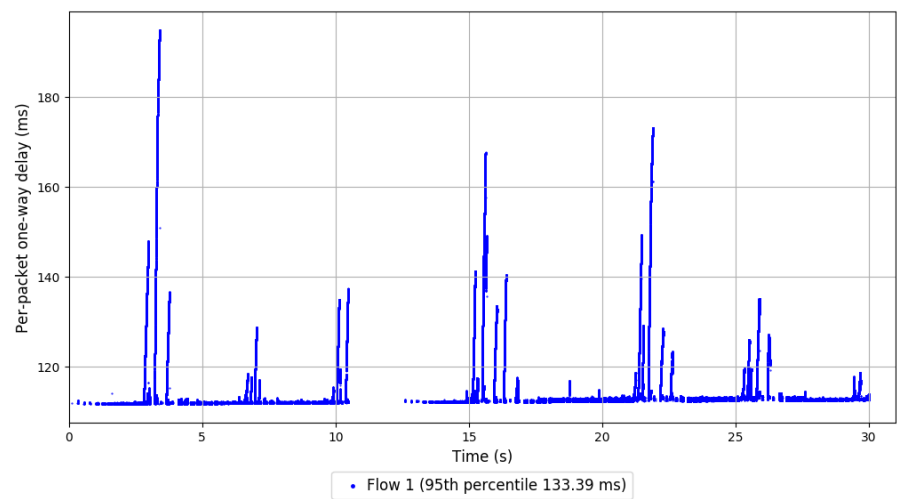
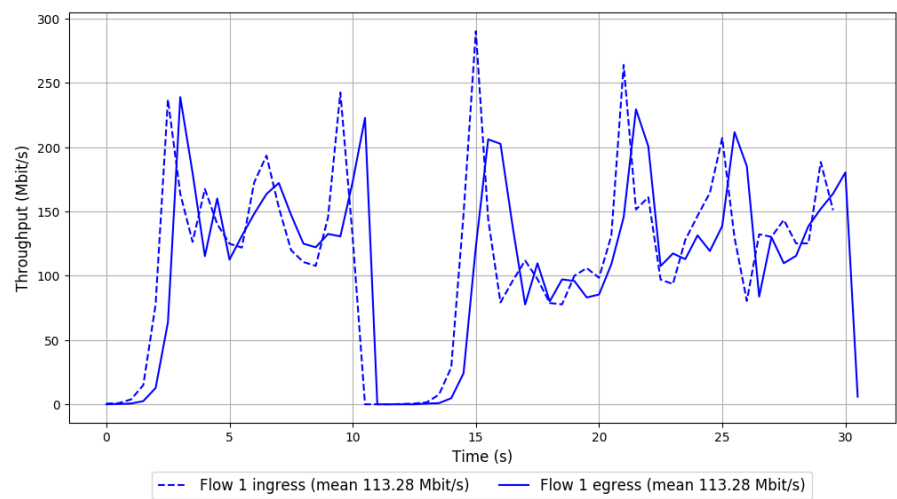


Run 3: Statistics of Copa

Start at: 2018-07-03 10:15:21
End at: 2018-07-03 10:15:51
Local clock offset: 39.737 ms
Remote clock offset: -27.791 ms

Below is generated by plot.py at 2018-07-03 13:10:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 113.28 Mbit/s
95th percentile per-packet one-way delay: 133.394 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 113.28 Mbit/s
95th percentile per-packet one-way delay: 133.394 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

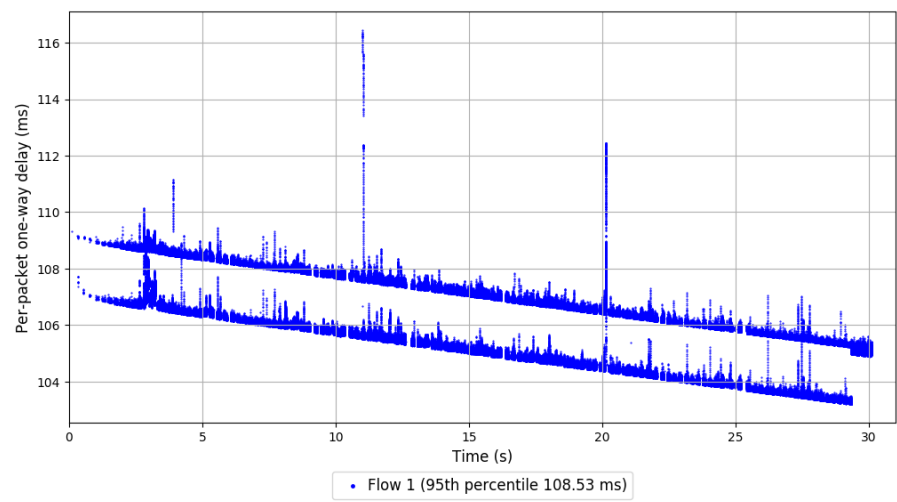
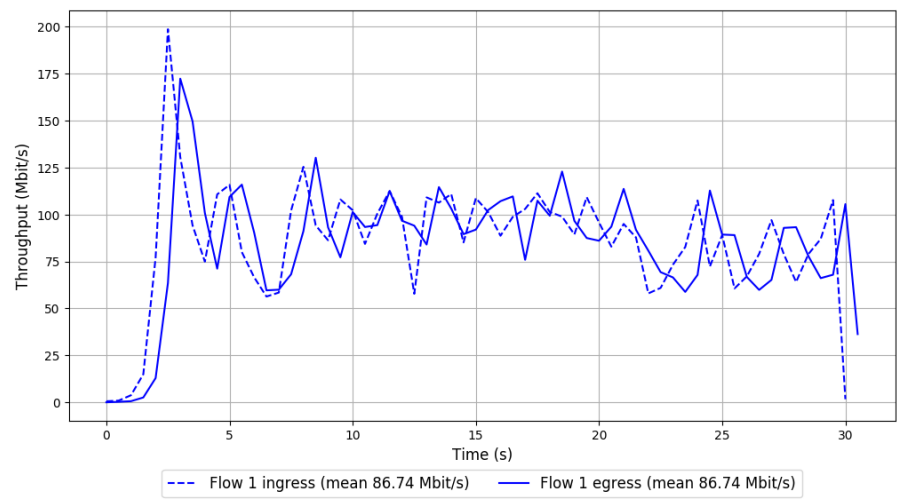


Run 4: Statistics of Copa

Start at: 2018-07-03 10:37:50
End at: 2018-07-03 10:38:20
Local clock offset: 33.178 ms
Remote clock offset: -50.716 ms

Below is generated by plot.py at 2018-07-03 13:10:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 108.528 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 108.528 ms
Loss rate: 0.01%

Run 4: Report of Copa — Data Link

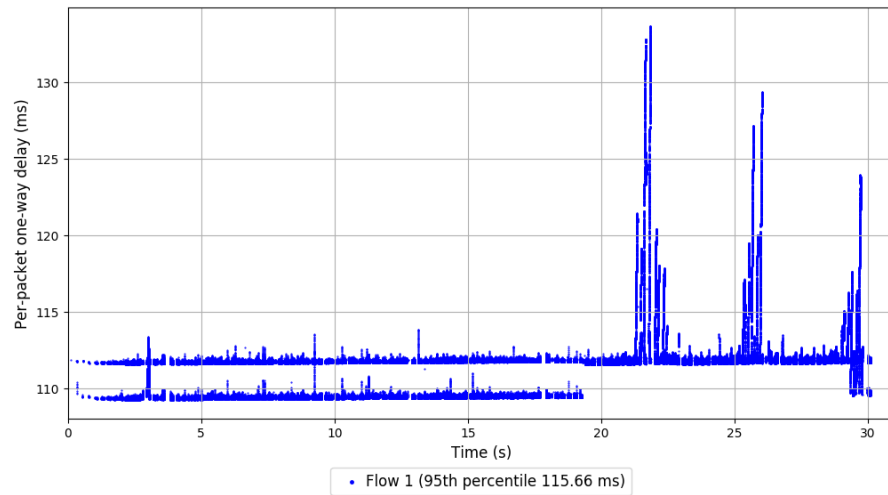
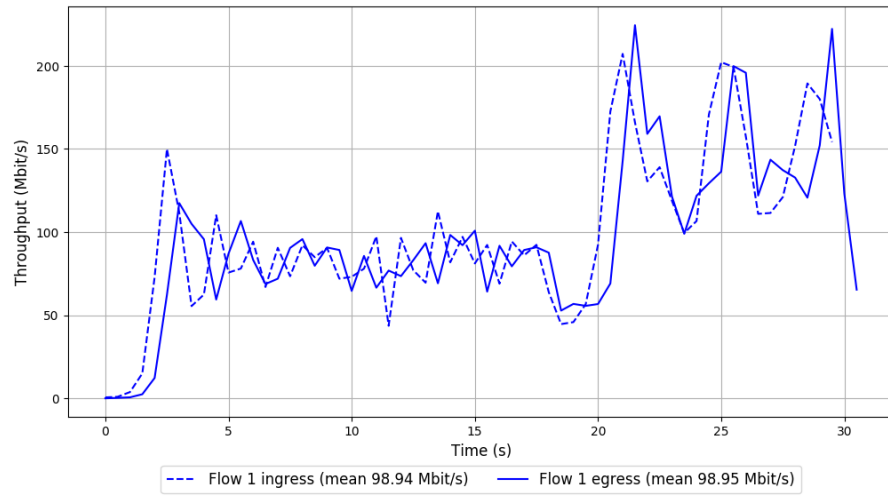


Run 5: Statistics of Copa

Start at: 2018-07-03 11:00:10
End at: 2018-07-03 11:00:40
Local clock offset: 15.449 ms
Remote clock offset: -21.124 ms

Below is generated by plot.py at 2018-07-03 13:10:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 98.95 Mbit/s
95th percentile per-packet one-way delay: 115.658 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 98.95 Mbit/s
95th percentile per-packet one-way delay: 115.658 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

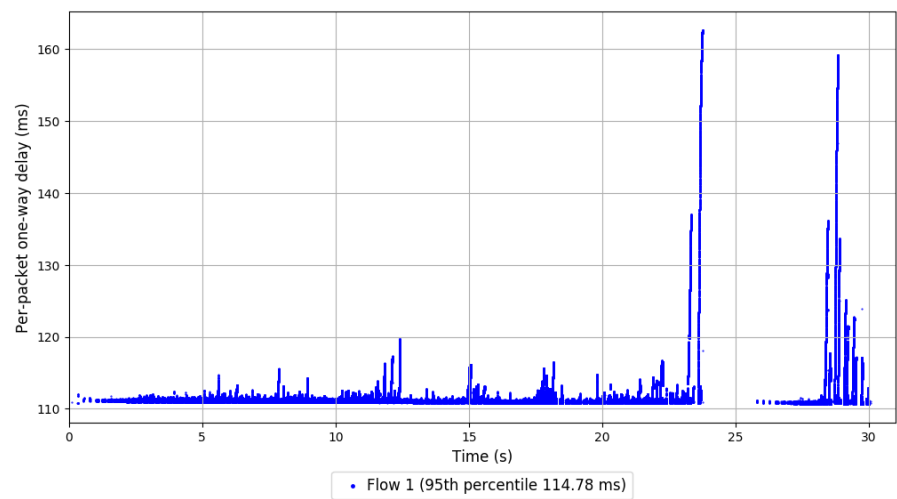
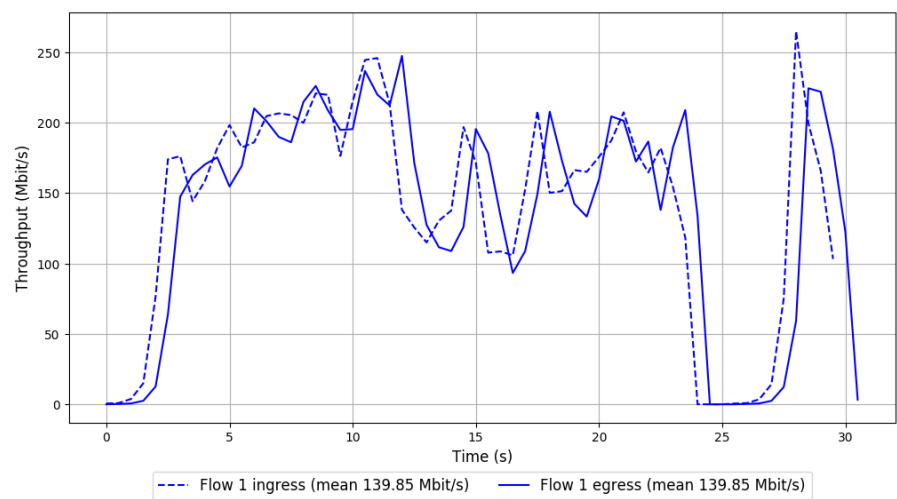


Run 6: Statistics of Copa

Start at: 2018-07-03 11:22:19
End at: 2018-07-03 11:22:49
Local clock offset: 5.895 ms
Remote clock offset: -9.595 ms

Below is generated by plot.py at 2018-07-03 13:11:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 139.85 Mbit/s
95th percentile per-packet one-way delay: 114.779 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 139.85 Mbit/s
95th percentile per-packet one-way delay: 114.779 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

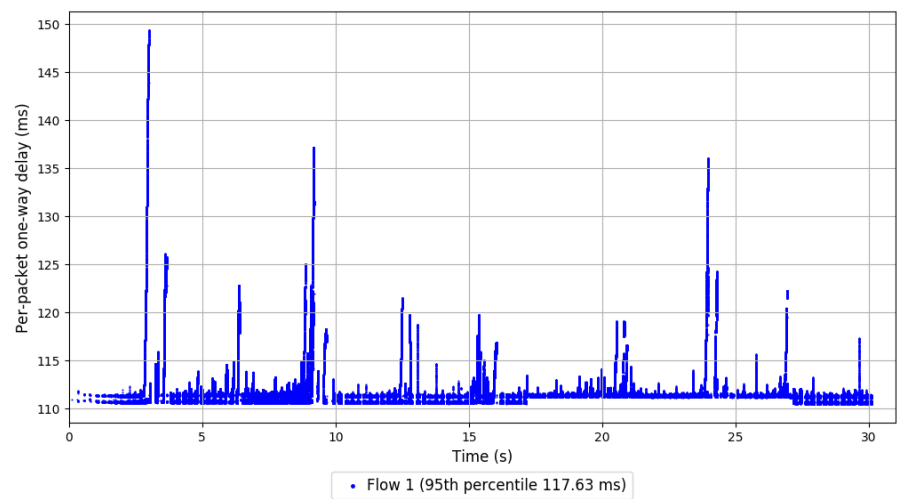
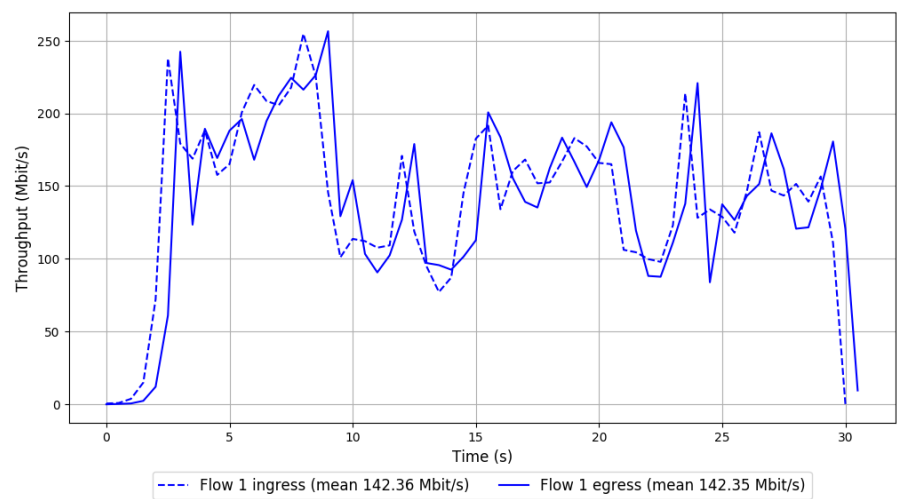


Run 7: Statistics of Copa

Start at: 2018-07-03 11:44:42
End at: 2018-07-03 11:45:12
Local clock offset: 4.59 ms
Remote clock offset: -6.332 ms

Below is generated by plot.py at 2018-07-03 13:12:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 142.35 Mbit/s
95th percentile per-packet one-way delay: 117.630 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 142.35 Mbit/s
95th percentile per-packet one-way delay: 117.630 ms
Loss rate: 0.01%

Run 7: Report of Copa — Data Link

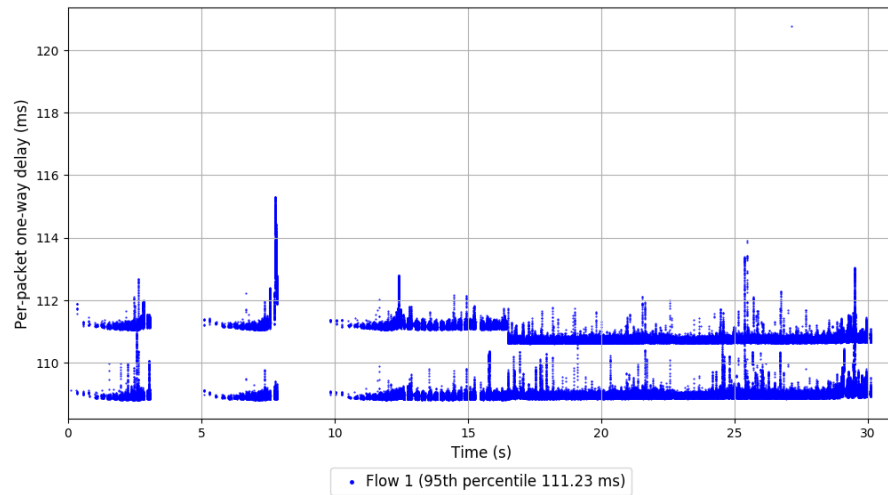
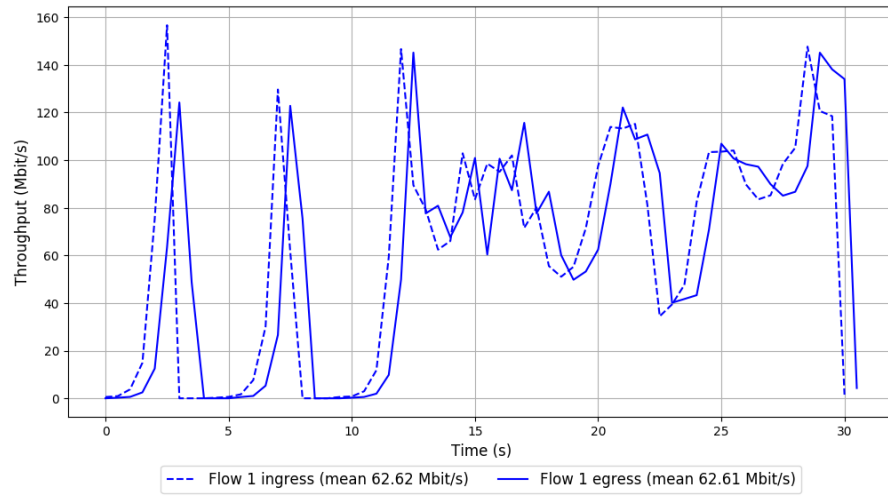


Run 8: Statistics of Copa

Start at: 2018-07-03 12:07:13
End at: 2018-07-03 12:07:43
Local clock offset: 3.28 ms
Remote clock offset: -2.222 ms

Below is generated by plot.py at 2018-07-03 13:12:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.61 Mbit/s
95th percentile per-packet one-way delay: 111.226 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.61 Mbit/s
95th percentile per-packet one-way delay: 111.226 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

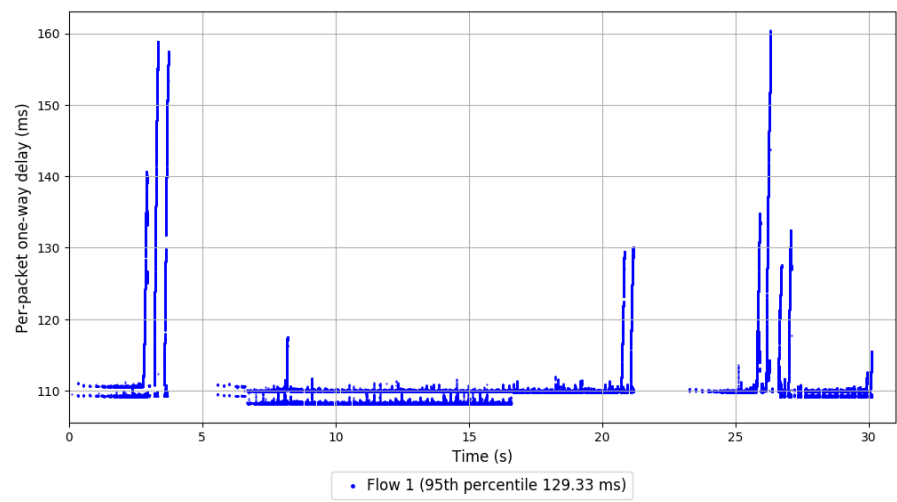
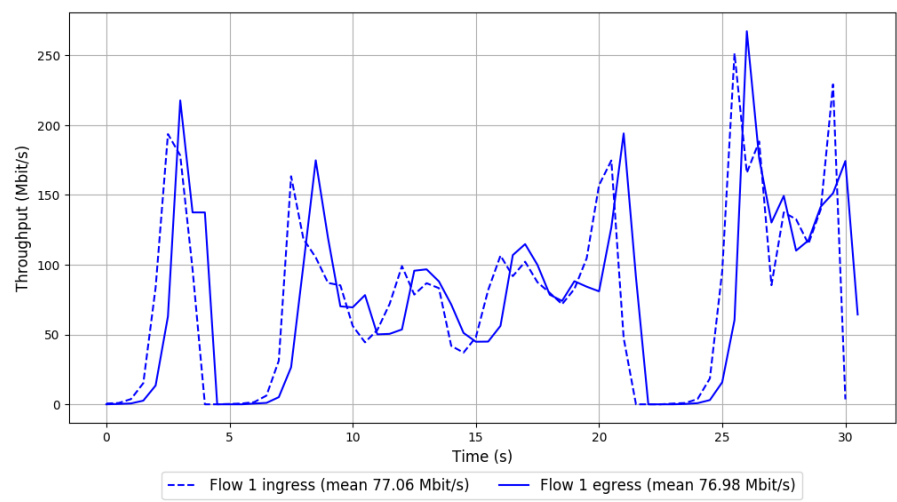


Run 9: Statistics of Copa

Start at: 2018-07-03 12:29:12
End at: 2018-07-03 12:29:42
Local clock offset: 2.195 ms
Remote clock offset: -1.274 ms

Below is generated by plot.py at 2018-07-03 13:12:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.98 Mbit/s
95th percentile per-packet one-way delay: 129.333 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 76.98 Mbit/s
95th percentile per-packet one-way delay: 129.333 ms
Loss rate: 0.10%

Run 9: Report of Copa — Data Link

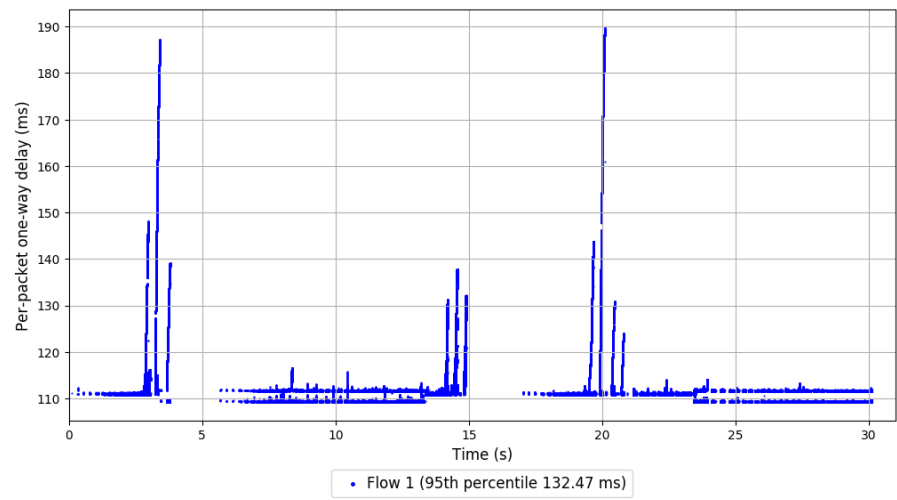
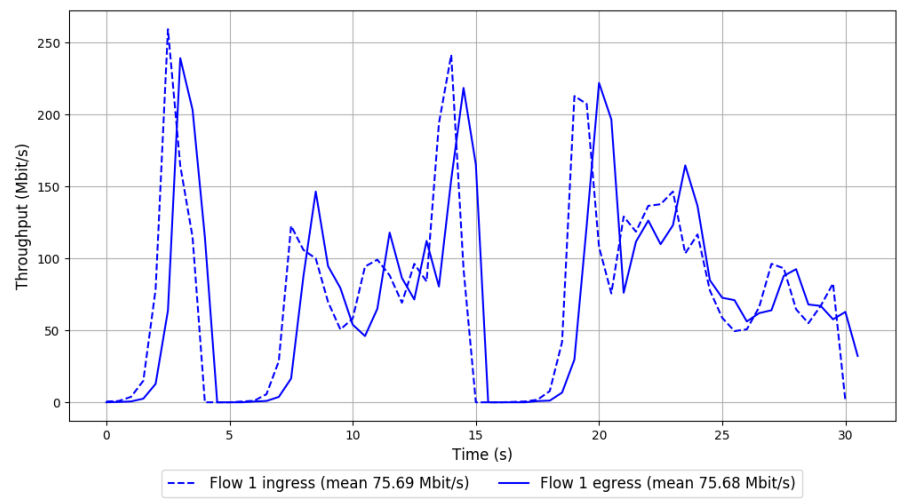


Run 10: Statistics of Copa

Start at: 2018-07-03 12:51:16
End at: 2018-07-03 12:51:46
Local clock offset: 0.954 ms
Remote clock offset: -1.237 ms

Below is generated by plot.py at 2018-07-03 13:12:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.68 Mbit/s
95th percentile per-packet one-way delay: 132.469 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 75.68 Mbit/s
95th percentile per-packet one-way delay: 132.469 ms
Loss rate: 0.01%

Run 10: Report of Copa — Data Link

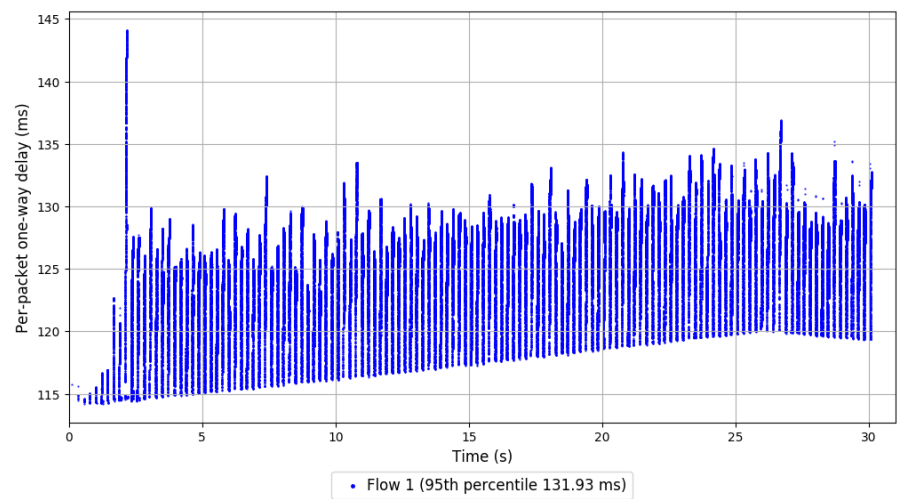
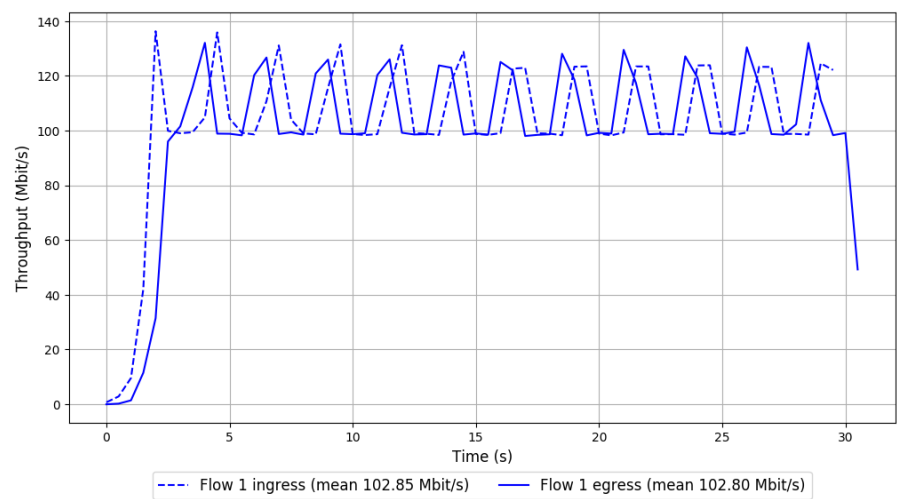


Run 1: Statistics of TCP Cubic

Start at: 2018-07-03 09:17:45
End at: 2018-07-03 09:18:15
Local clock offset: 19.687 ms
Remote clock offset: -16.736 ms

Below is generated by plot.py at 2018-07-03 13:12:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.80 Mbit/s
95th percentile per-packet one-way delay: 131.929 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.80 Mbit/s
95th percentile per-packet one-way delay: 131.929 ms
Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link

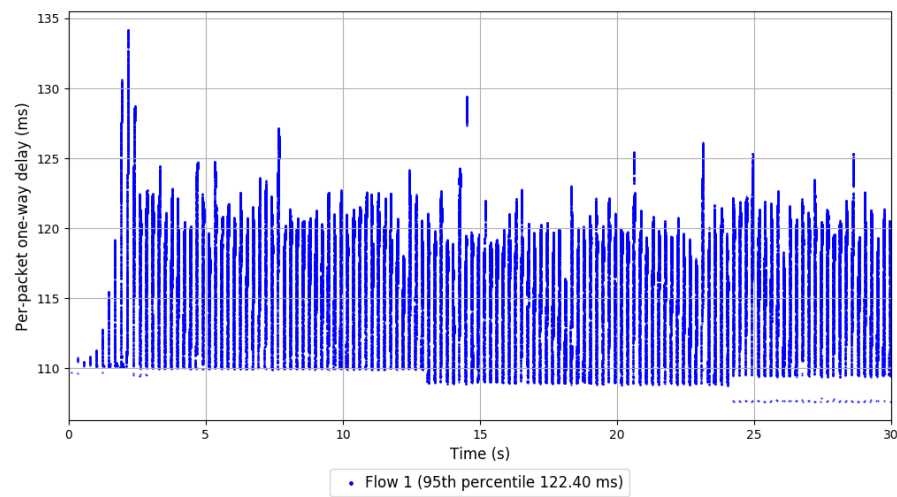
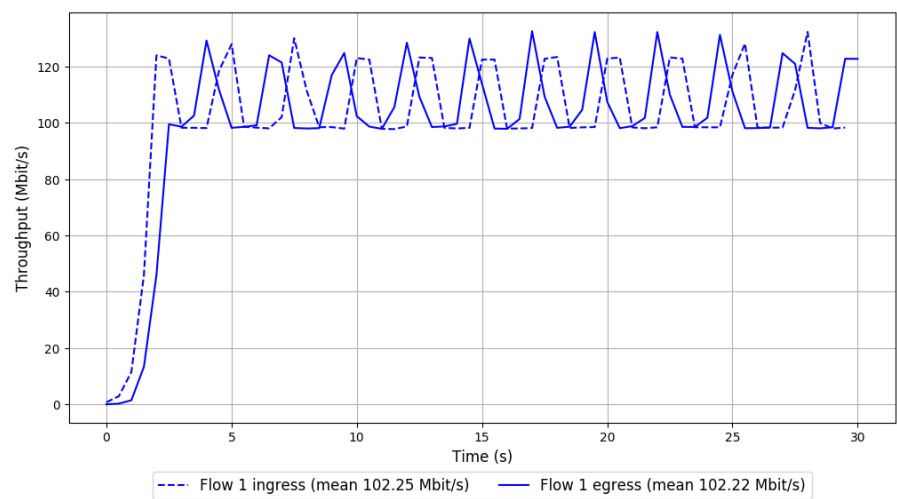


Run 2: Statistics of TCP Cubic

Start at: 2018-07-03 09:39:46
End at: 2018-07-03 09:40:16
Local clock offset: 31.373 ms
Remote clock offset: -49.266 ms

Below is generated by plot.py at 2018-07-03 13:12:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.22 Mbit/s
95th percentile per-packet one-way delay: 122.397 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.22 Mbit/s
95th percentile per-packet one-way delay: 122.397 ms
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

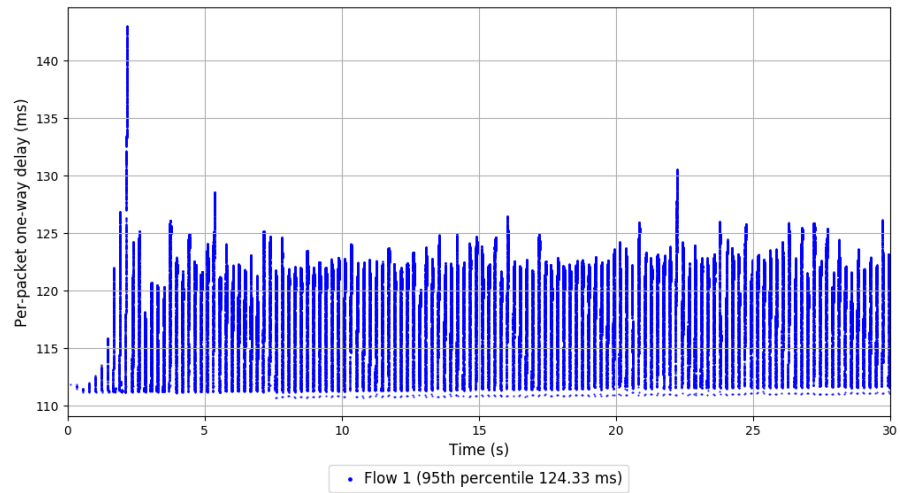
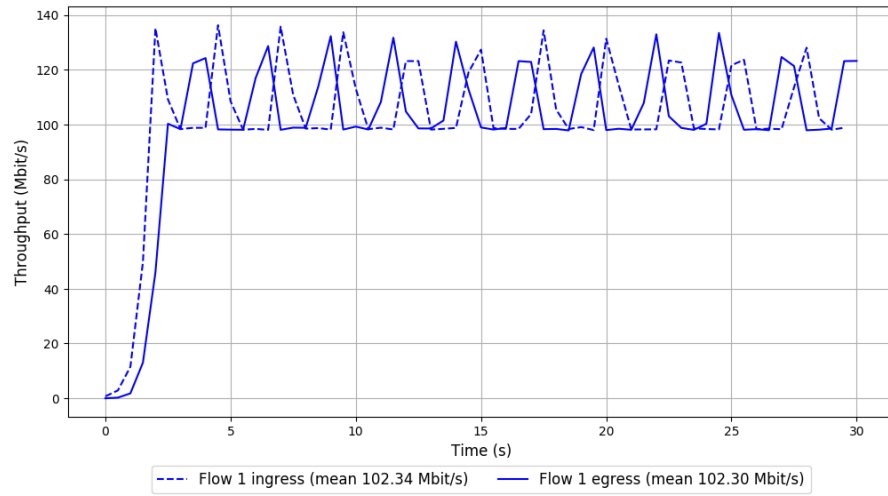


Run 3: Statistics of TCP Cubic

Start at: 2018-07-03 10:02:01
End at: 2018-07-03 10:02:31
Local clock offset: 33.694 ms
Remote clock offset: -34.895 ms

Below is generated by plot.py at 2018-07-03 13:12:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.30 Mbit/s
95th percentile per-packet one-way delay: 124.327 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.30 Mbit/s
95th percentile per-packet one-way delay: 124.327 ms
Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link

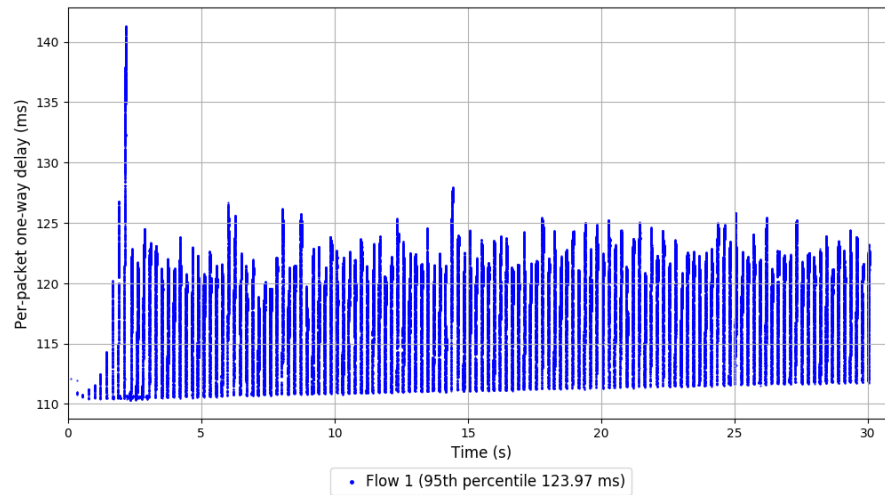
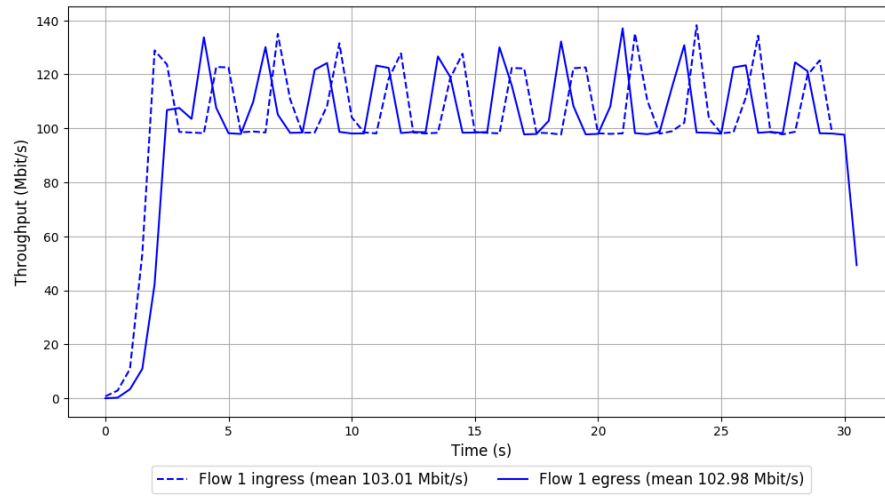


Run 4: Statistics of TCP Cubic

Start at: 2018-07-03 10:24:22
End at: 2018-07-03 10:24:52
Local clock offset: 53.475 ms
Remote clock offset: -35.968 ms

Below is generated by plot.py at 2018-07-03 13:12:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.98 Mbit/s
95th percentile per-packet one-way delay: 123.974 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.98 Mbit/s
95th percentile per-packet one-way delay: 123.974 ms
Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

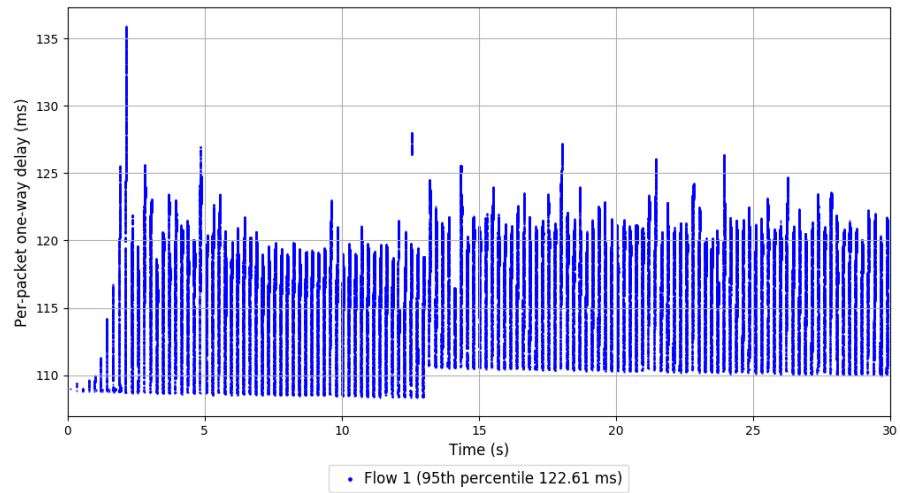
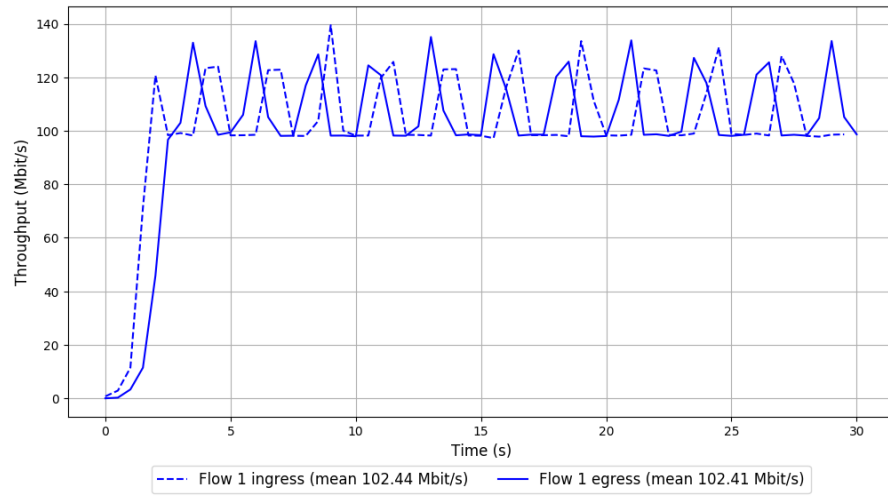


Run 5: Statistics of TCP Cubic

Start at: 2018-07-03 10:46:46
End at: 2018-07-03 10:47:16
Local clock offset: 17.597 ms
Remote clock offset: -24.896 ms

Below is generated by plot.py at 2018-07-03 13:12:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.41 Mbit/s
95th percentile per-packet one-way delay: 122.608 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.41 Mbit/s
95th percentile per-packet one-way delay: 122.608 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link

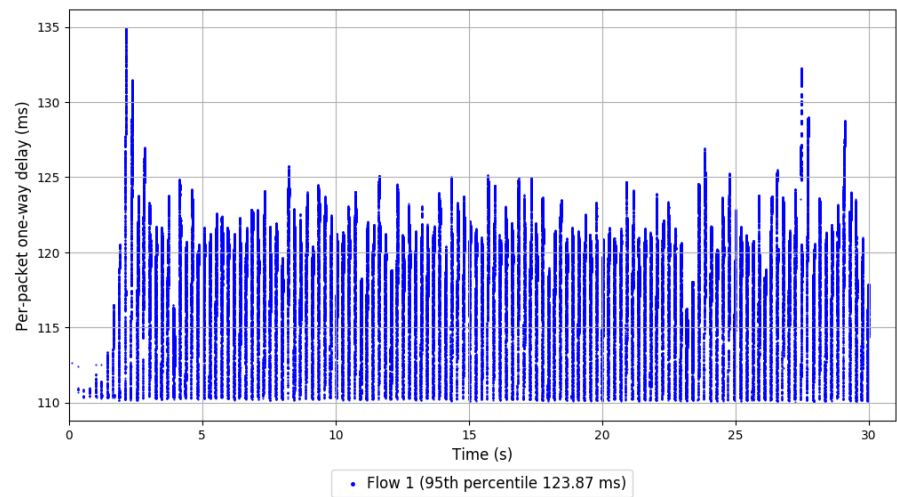
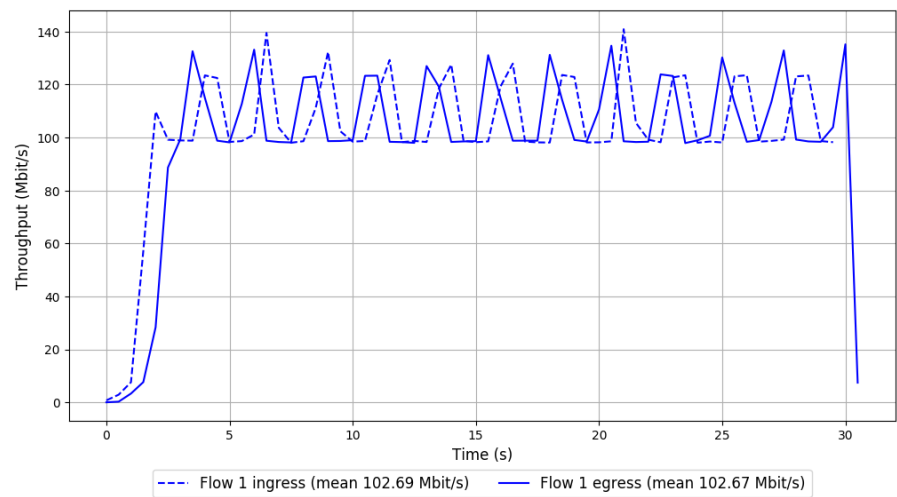


Run 6: Statistics of TCP Cubic

Start at: 2018-07-03 11:09:04
End at: 2018-07-03 11:09:34
Local clock offset: 10.244 ms
Remote clock offset: -25.547 ms

Below is generated by plot.py at 2018-07-03 13:13:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.67 Mbit/s
95th percentile per-packet one-way delay: 123.867 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.67 Mbit/s
95th percentile per-packet one-way delay: 123.867 ms
Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link

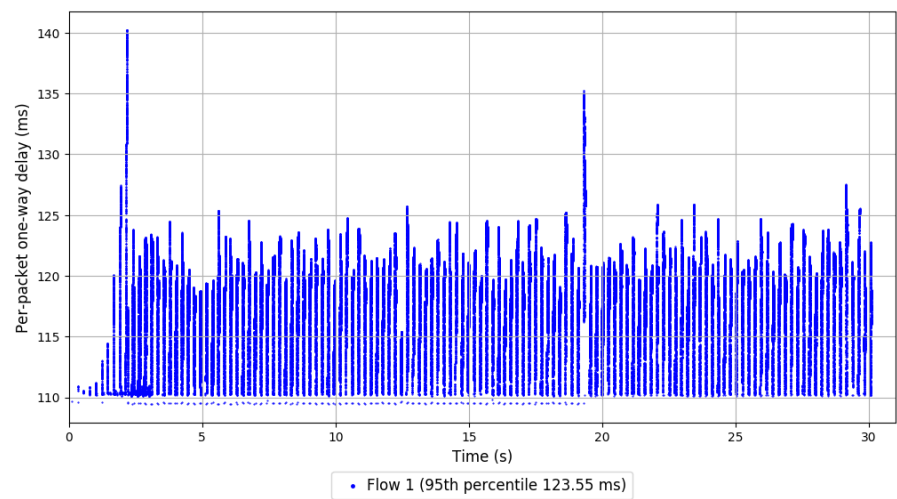
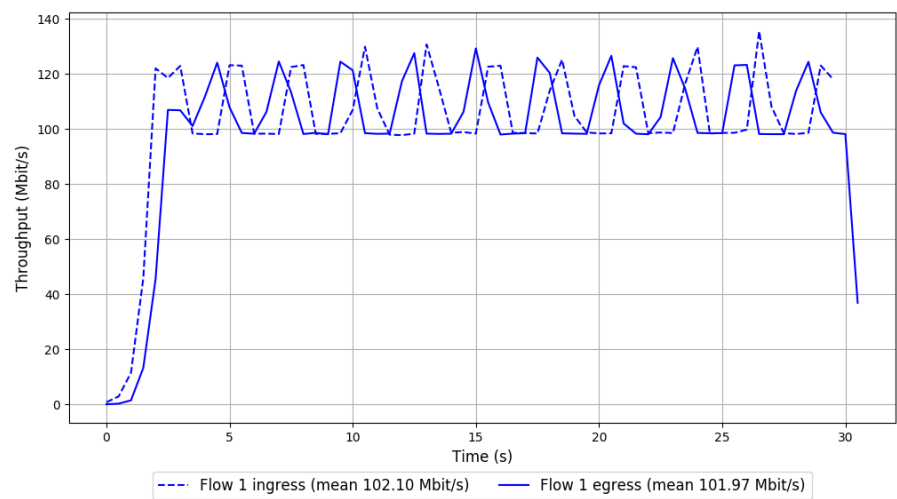


Run 7: Statistics of TCP Cubic

Start at: 2018-07-03 11:31:20
End at: 2018-07-03 11:31:50
Local clock offset: 7.567 ms
Remote clock offset: -6.189 ms

Below is generated by plot.py at 2018-07-03 13:13:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 101.97 Mbit/s
95th percentile per-packet one-way delay: 123.547 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 101.97 Mbit/s
95th percentile per-packet one-way delay: 123.547 ms
Loss rate: 0.12%

Run 7: Report of TCP Cubic — Data Link

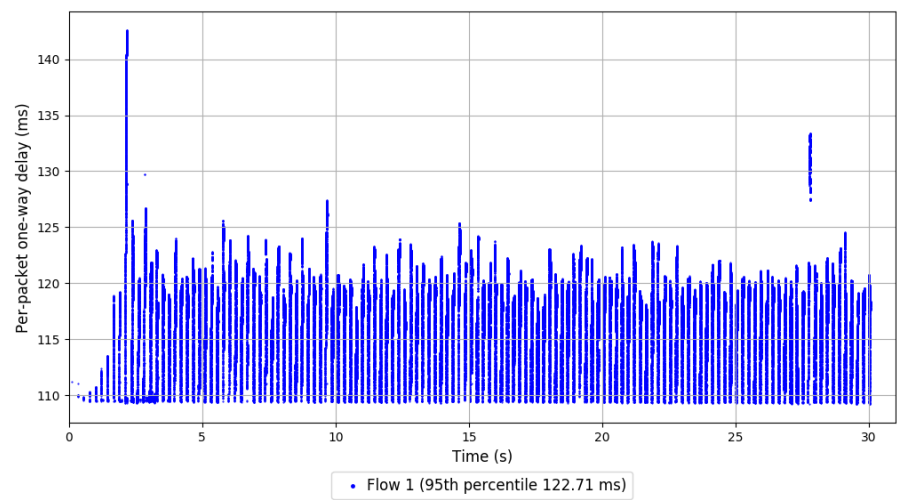
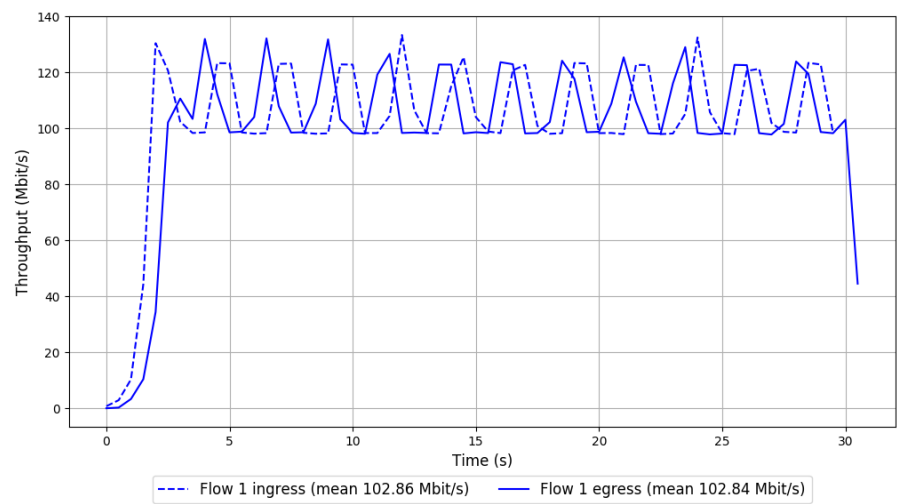


Run 8: Statistics of TCP Cubic

Start at: 2018-07-03 11:53:58
End at: 2018-07-03 11:54:28
Local clock offset: 2.526 ms
Remote clock offset: -3.094 ms

Below is generated by plot.py at 2018-07-03 13:13:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.84 Mbit/s
95th percentile per-packet one-way delay: 122.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.84 Mbit/s
95th percentile per-packet one-way delay: 122.707 ms
Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link

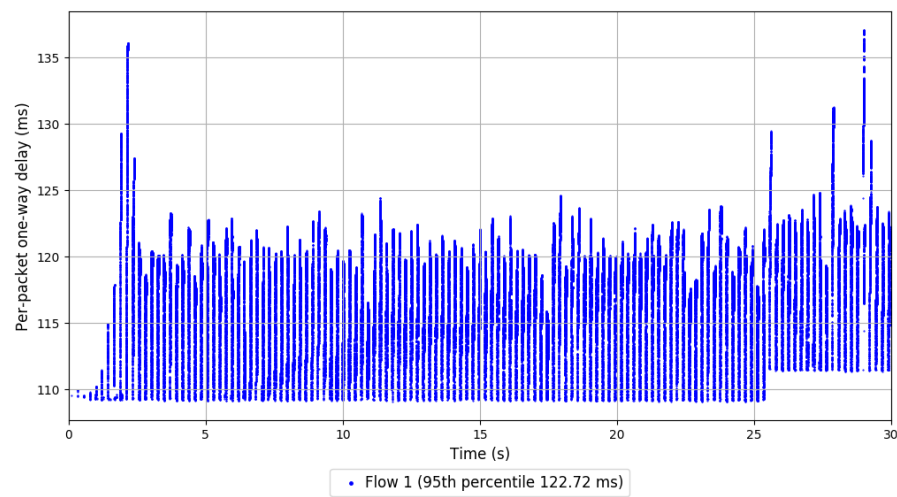
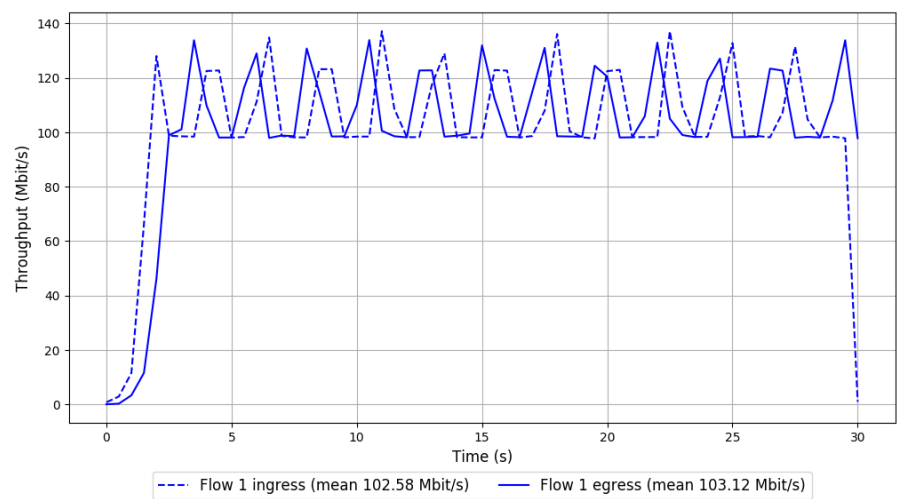


Run 9: Statistics of TCP Cubic

Start at: 2018-07-03 12:16:04
End at: 2018-07-03 12:16:34
Local clock offset: 2.677 ms
Remote clock offset: -2.555 ms

Below is generated by plot.py at 2018-07-03 13:13:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 103.12 Mbit/s
95th percentile per-packet one-way delay: 122.718 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 103.12 Mbit/s
95th percentile per-packet one-way delay: 122.718 ms
Loss rate: 0.02%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-07-03 12:38:09

End at: 2018-07-03 12:38:39

Local clock offset: 1.346 ms

Remote clock offset: -1.045 ms

Below is generated by plot.py at 2018-07-03 13:13:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 102.05 Mbit/s

95th percentile per-packet one-way delay: 124.197 ms

Loss rate: 0.00%

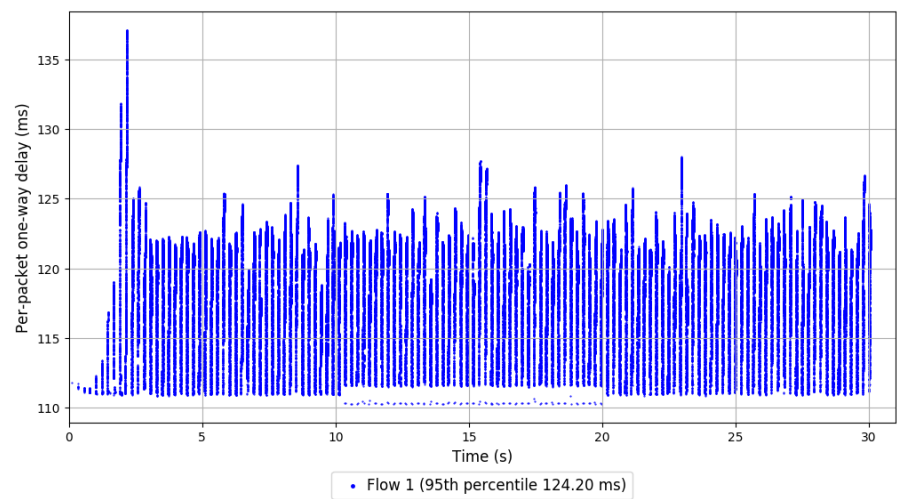
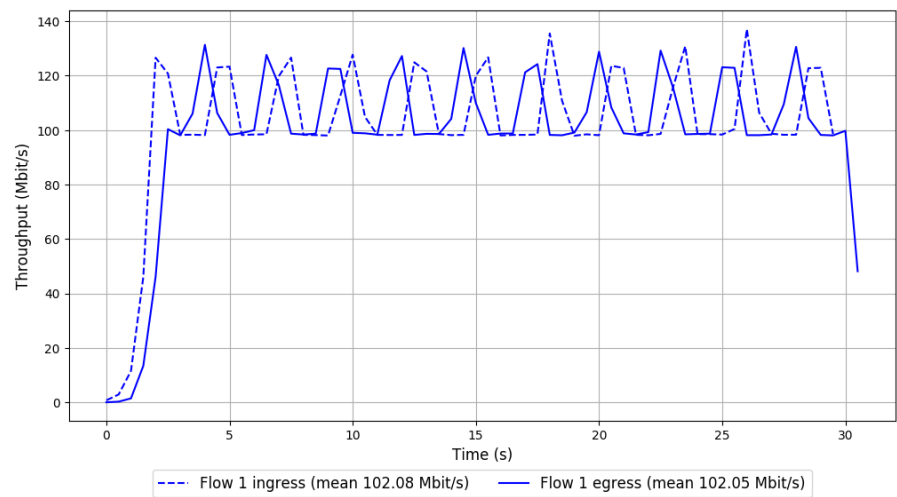
-- Flow 1:

Average throughput: 102.05 Mbit/s

95th percentile per-packet one-way delay: 124.197 ms

Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link

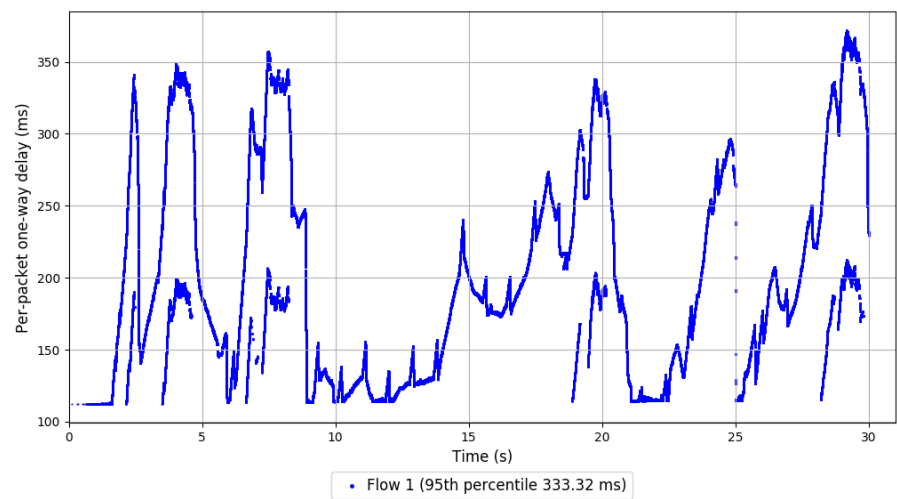
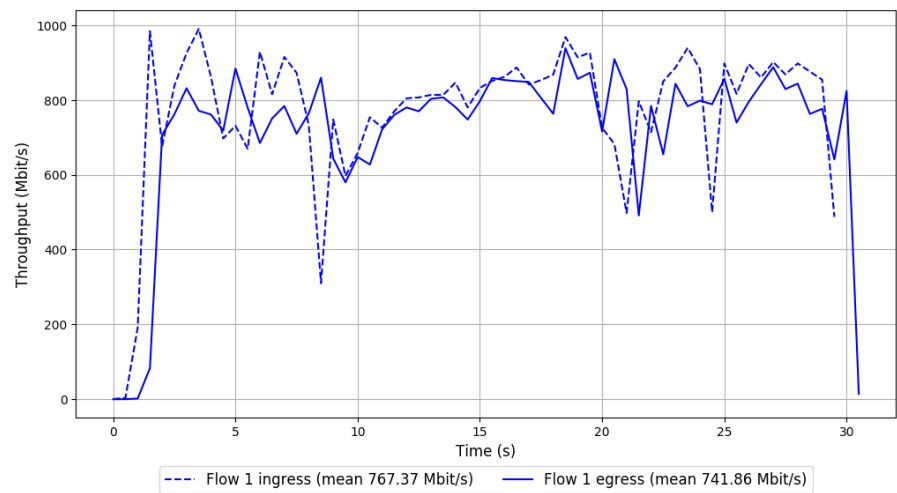


Run 1: Statistics of FillP

Start at: 2018-07-03 09:25:15
End at: 2018-07-03 09:25:45
Local clock offset: 29.762 ms
Remote clock offset: -30.65 ms

Below is generated by plot.py at 2018-07-03 13:26:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 741.86 Mbit/s
95th percentile per-packet one-way delay: 333.324 ms
Loss rate: 3.31%
-- Flow 1:
Average throughput: 741.86 Mbit/s
95th percentile per-packet one-way delay: 333.324 ms
Loss rate: 3.31%

Run 1: Report of FillP — Data Link

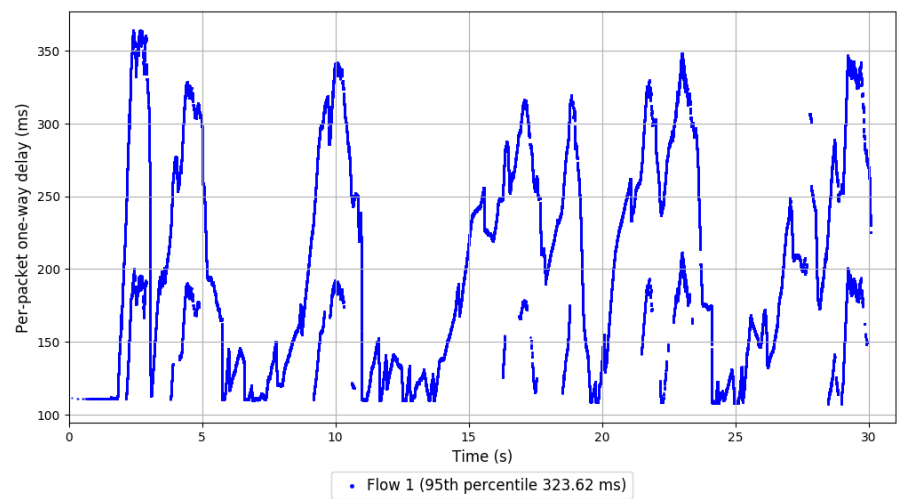
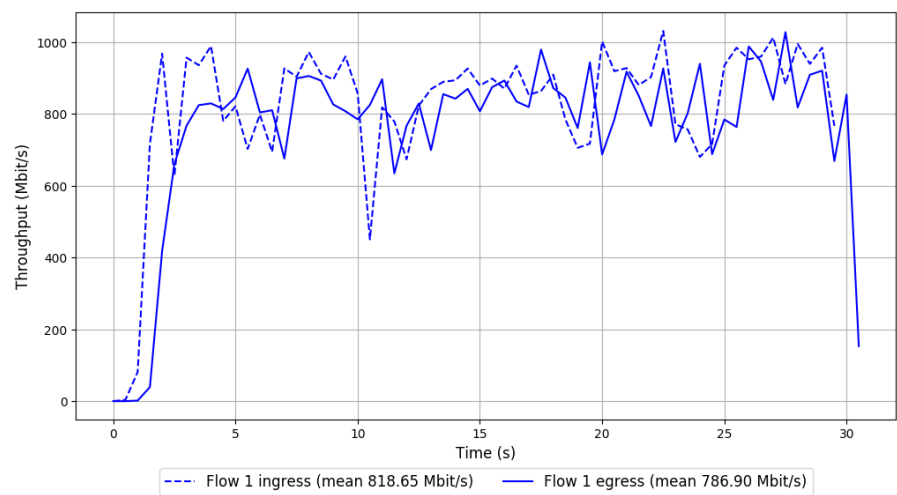


Run 2: Statistics of FillP

Start at: 2018-07-03 09:47:22
End at: 2018-07-03 09:47:52
Local clock offset: 22.841 ms
Remote clock offset: -57.015 ms

Below is generated by plot.py at 2018-07-03 13:27:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 786.90 Mbit/s
95th percentile per-packet one-way delay: 323.625 ms
Loss rate: 3.88%
-- Flow 1:
Average throughput: 786.90 Mbit/s
95th percentile per-packet one-way delay: 323.625 ms
Loss rate: 3.88%

Run 2: Report of FillP — Data Link

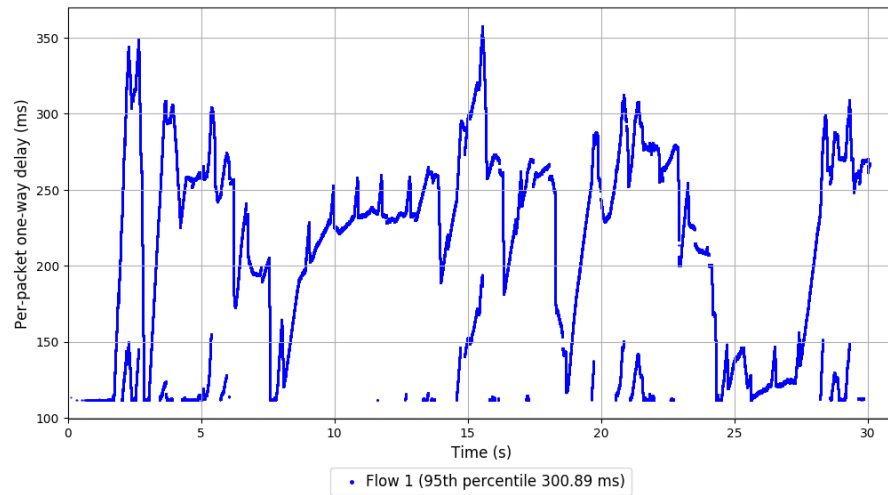
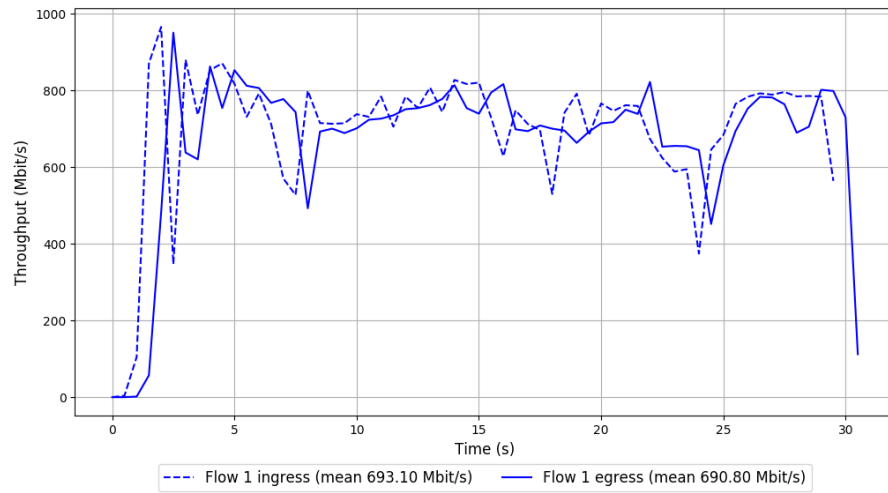


Run 3: Statistics of FillP

Start at: 2018-07-03 10:09:40
End at: 2018-07-03 10:10:10
Local clock offset: 33.928 ms
Remote clock offset: -27.325 ms

Below is generated by plot.py at 2018-07-03 13:27:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 690.80 Mbit/s
95th percentile per-packet one-way delay: 300.890 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 690.80 Mbit/s
95th percentile per-packet one-way delay: 300.890 ms
Loss rate: 0.33%

Run 3: Report of FillP — Data Link

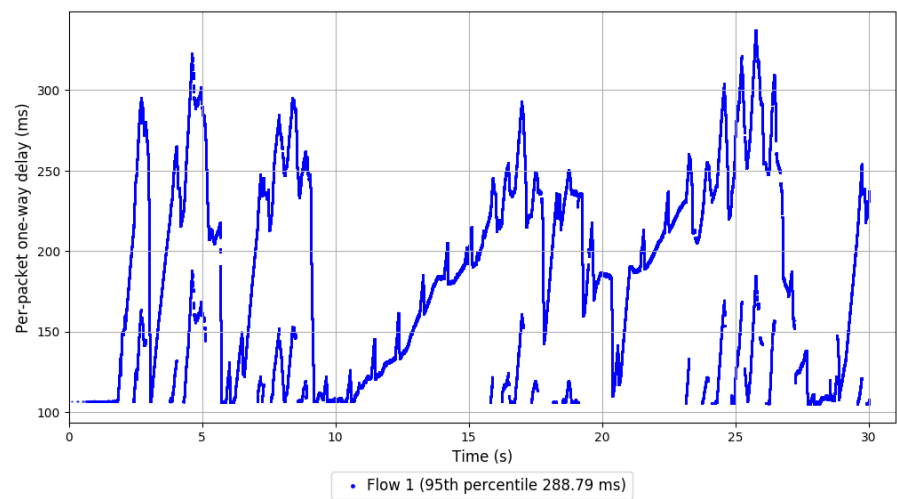
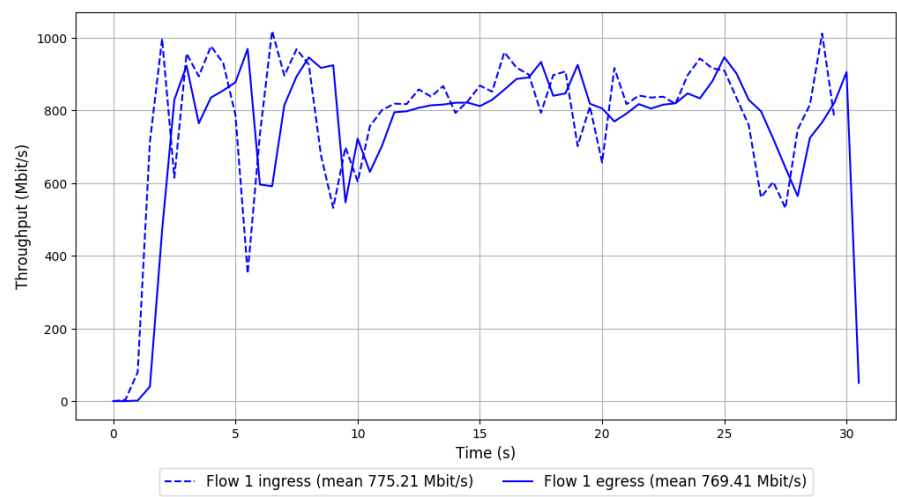


Run 4: Statistics of FillP

Start at: 2018-07-03 10:32:03
End at: 2018-07-03 10:32:33
Local clock offset: 60.654 ms
Remote clock offset: -46.163 ms

Below is generated by plot.py at 2018-07-03 13:27:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 769.41 Mbit/s
95th percentile per-packet one-way delay: 288.794 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 769.41 Mbit/s
95th percentile per-packet one-way delay: 288.794 ms
Loss rate: 0.76%

Run 4: Report of FillP — Data Link

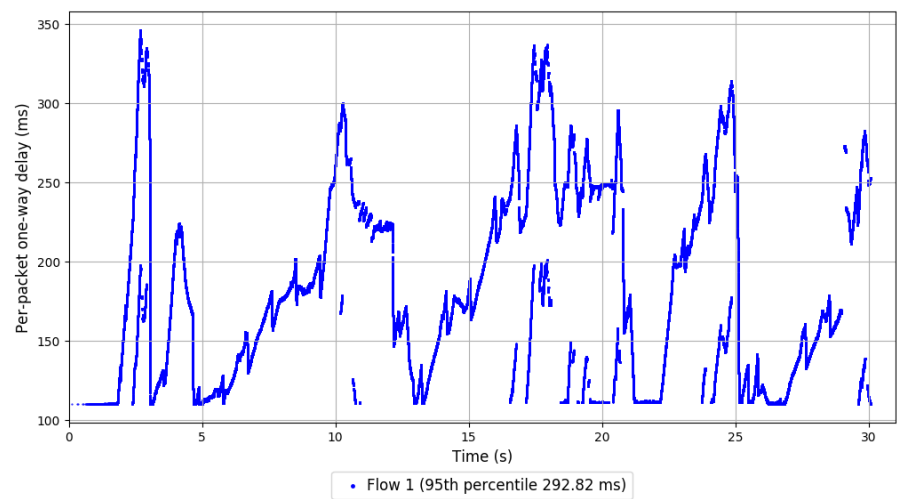
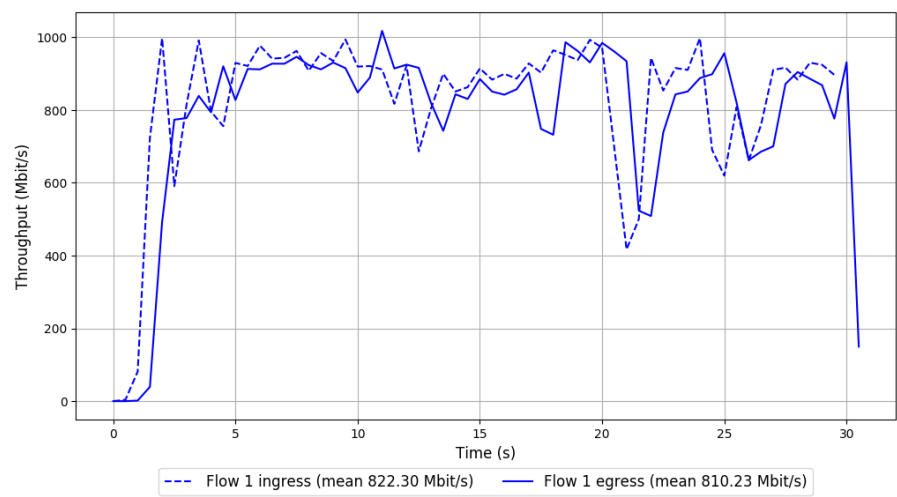


Run 5: Statistics of FillP

Start at: 2018-07-03 10:54:23
End at: 2018-07-03 10:54:53
Local clock offset: 15.082 ms
Remote clock offset: -20.283 ms

Below is generated by plot.py at 2018-07-03 13:28:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 810.23 Mbit/s
95th percentile per-packet one-way delay: 292.822 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 810.23 Mbit/s
95th percentile per-packet one-way delay: 292.822 ms
Loss rate: 1.47%

Run 5: Report of FillP — Data Link

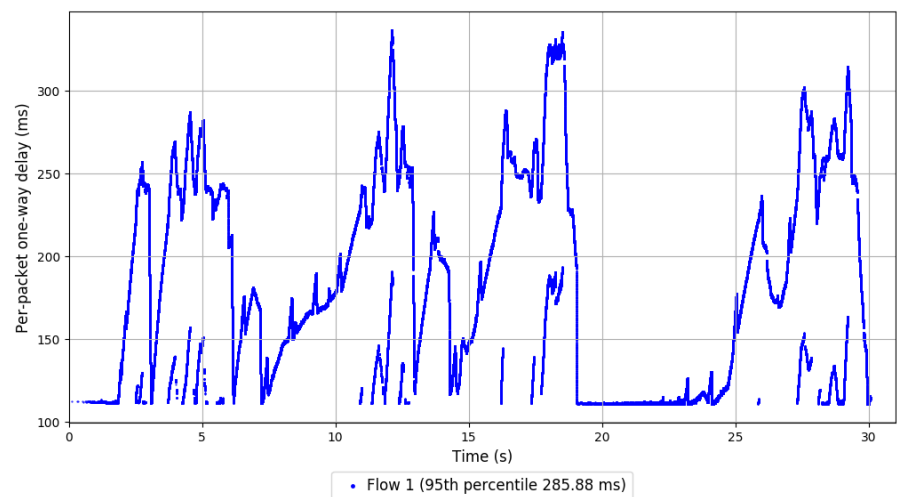
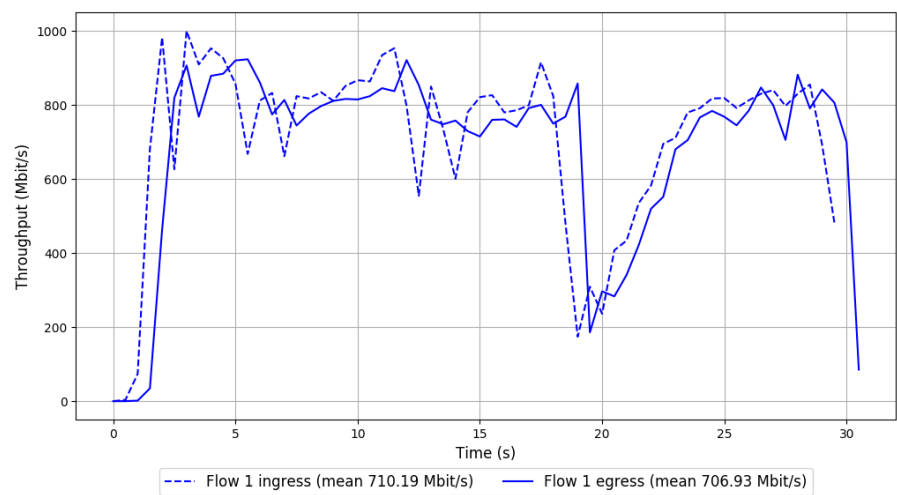


Run 6: Statistics of FillP

Start at: 2018-07-03 11:16:38
End at: 2018-07-03 11:17:08
Local clock offset: 5.537 ms
Remote clock offset: -15.826 ms

Below is generated by plot.py at 2018-07-03 13:28:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 706.93 Mbit/s
95th percentile per-packet one-way delay: 285.881 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 706.93 Mbit/s
95th percentile per-packet one-way delay: 285.881 ms
Loss rate: 0.46%

Run 6: Report of FillP — Data Link

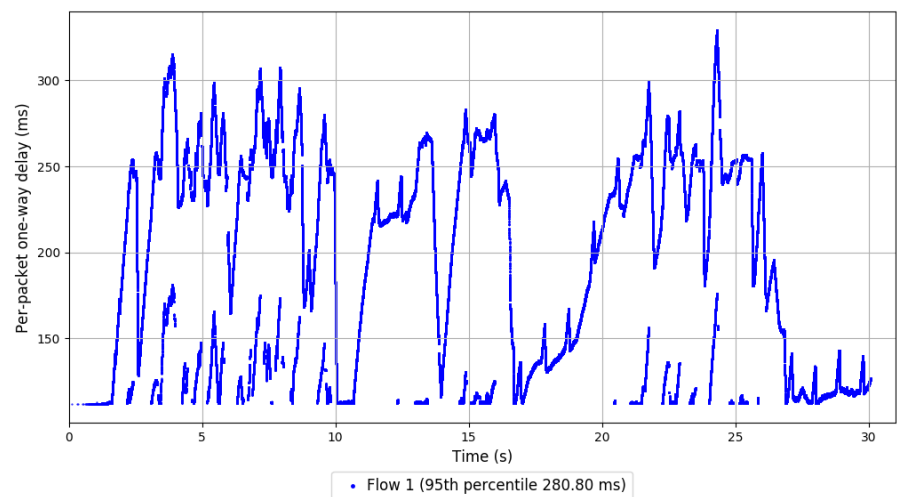
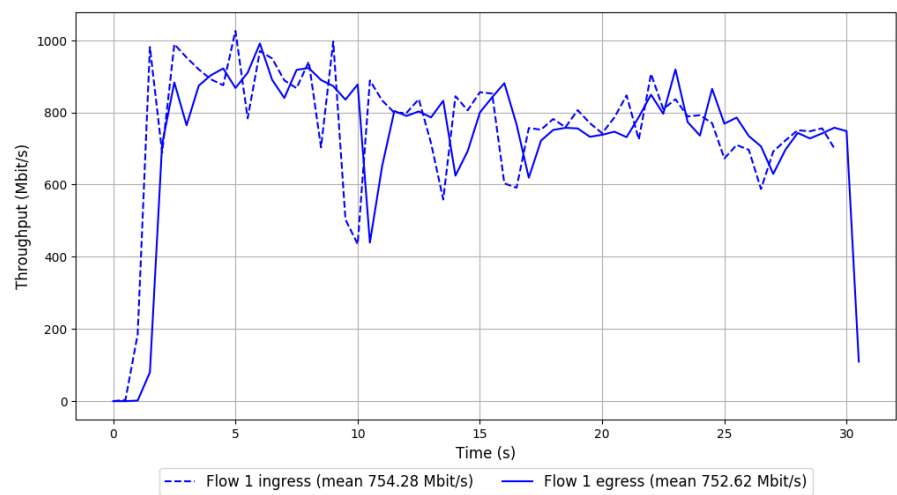


Run 7: Statistics of FillP

Start at: 2018-07-03 11:38:58
End at: 2018-07-03 11:39:28
Local clock offset: 5.919 ms
Remote clock offset: -5.902 ms

Below is generated by plot.py at 2018-07-03 13:28:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 752.62 Mbit/s
95th percentile per-packet one-way delay: 280.798 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 752.62 Mbit/s
95th percentile per-packet one-way delay: 280.798 ms
Loss rate: 0.22%

Run 7: Report of FillP — Data Link

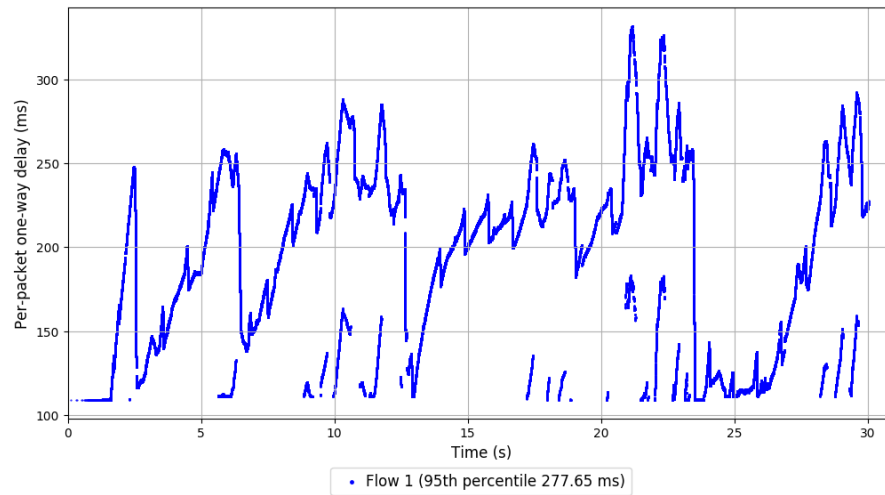
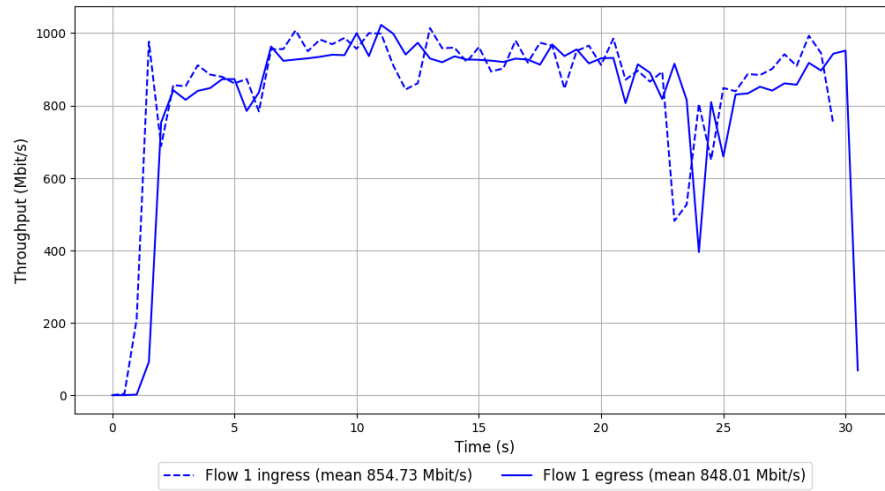


Run 8: Statistics of FillP

Start at: 2018-07-03 12:01:25
End at: 2018-07-03 12:01:55
Local clock offset: 2.758 ms
Remote clock offset: -2.273 ms

Below is generated by plot.py at 2018-07-03 13:29:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 848.01 Mbit/s
95th percentile per-packet one-way delay: 277.652 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 848.01 Mbit/s
95th percentile per-packet one-way delay: 277.652 ms
Loss rate: 0.78%

Run 8: Report of FillP — Data Link

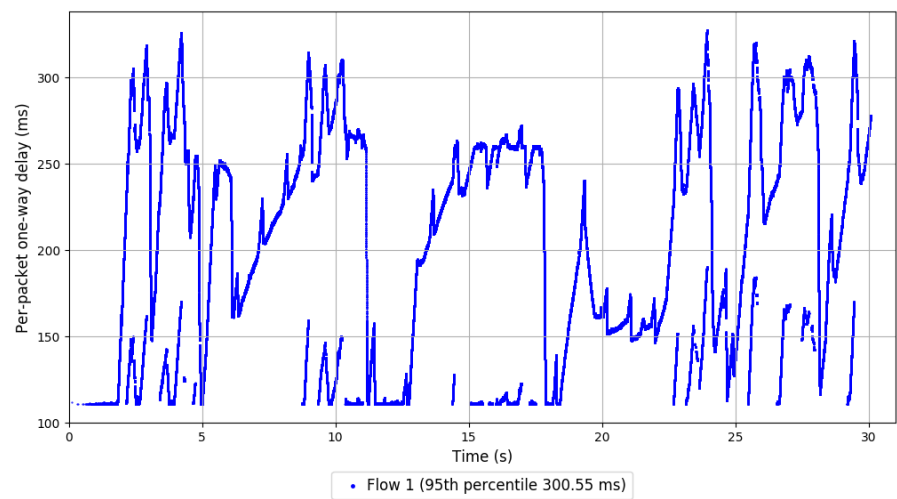
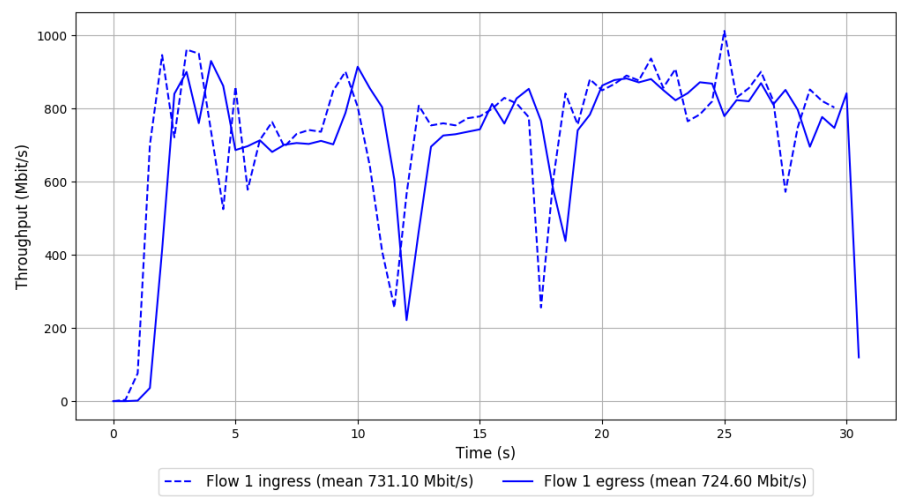


Run 9: Statistics of FillP

Start at: 2018-07-03 12:23:29
End at: 2018-07-03 12:23:59
Local clock offset: 1.542 ms
Remote clock offset: -1.951 ms

Below is generated by plot.py at 2018-07-03 13:39:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 724.60 Mbit/s
95th percentile per-packet one-way delay: 300.551 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 724.60 Mbit/s
95th percentile per-packet one-way delay: 300.551 ms
Loss rate: 0.85%

Run 9: Report of FillP — Data Link

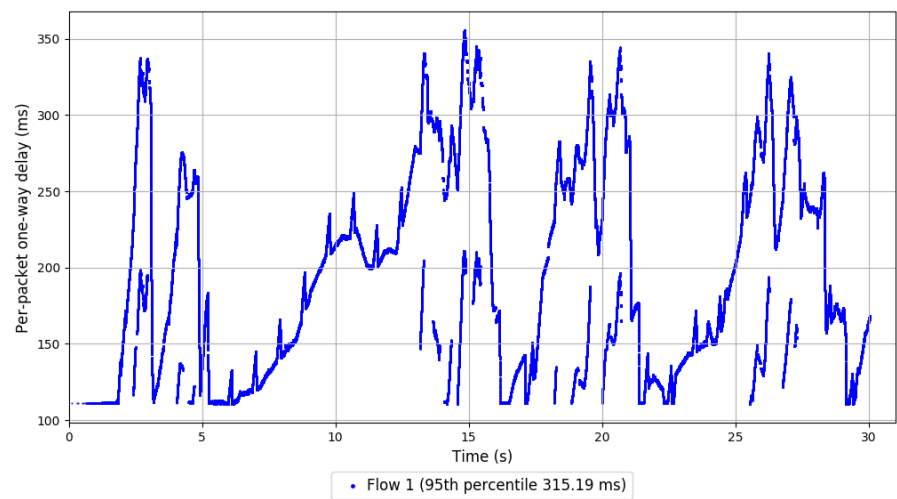
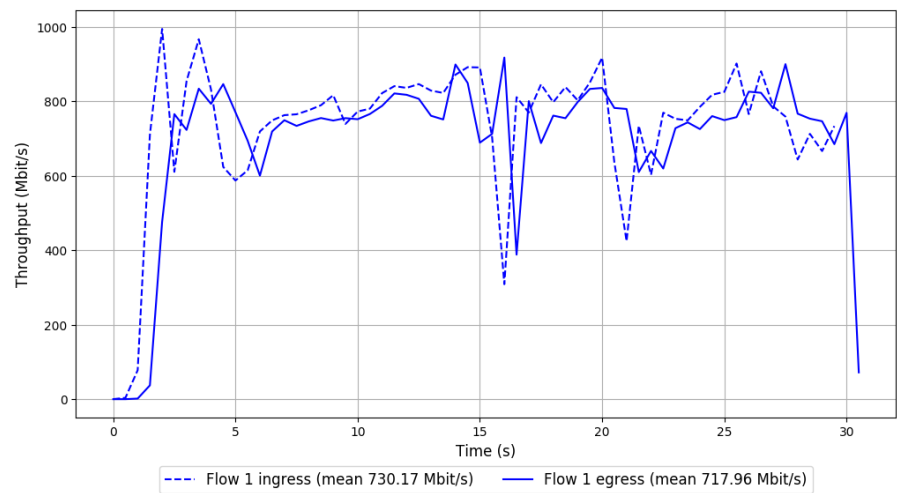


Run 10: Statistics of FillP

Start at: 2018-07-03 12:45:34
End at: 2018-07-03 12:46:04
Local clock offset: 1.335 ms
Remote clock offset: -1.116 ms

Below is generated by plot.py at 2018-07-03 13:39:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 717.96 Mbit/s
95th percentile per-packet one-way delay: 315.187 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 717.96 Mbit/s
95th percentile per-packet one-way delay: 315.187 ms
Loss rate: 1.84%

Run 10: Report of FillP — Data Link

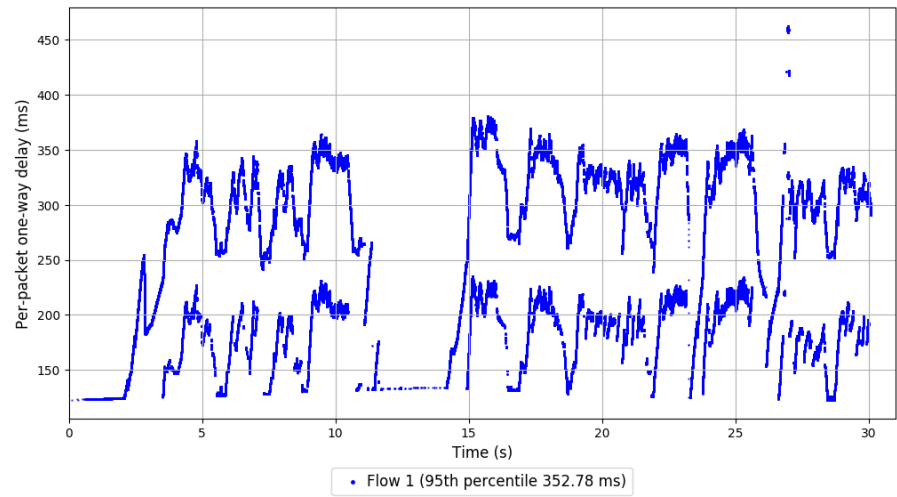
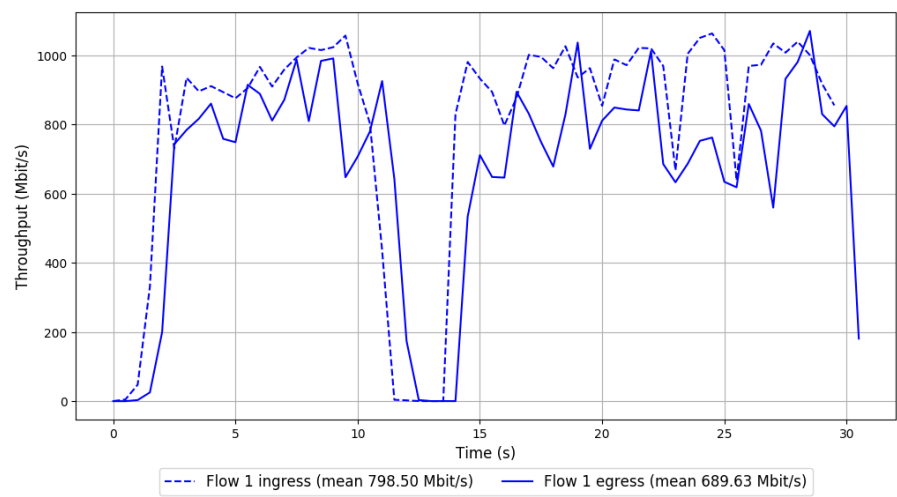


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-03 09:13:41
End at: 2018-07-03 09:14:11
Local clock offset: 17.156 ms
Remote clock offset: -10.88 ms

Below is generated by plot.py at 2018-07-03 13:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 689.63 Mbit/s
95th percentile per-packet one-way delay: 352.782 ms
Loss rate: 13.64%
-- Flow 1:
Average throughput: 689.63 Mbit/s
95th percentile per-packet one-way delay: 352.782 ms
Loss rate: 13.64%

Run 1: Report of FillP-Sheep — Data Link

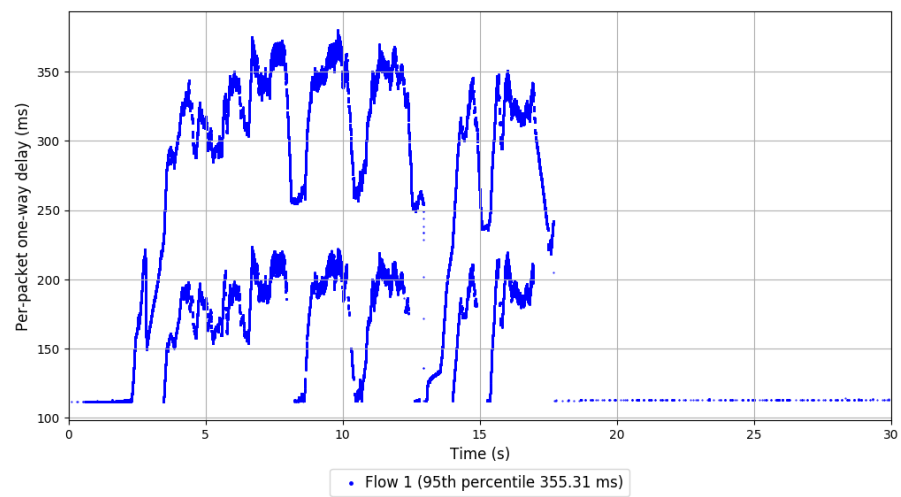
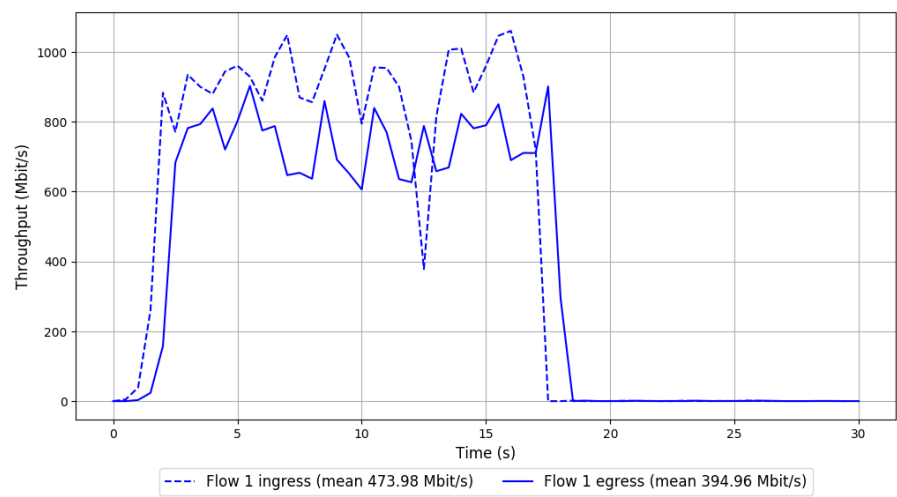


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-03 09:35:56
End at: 2018-07-03 09:36:26
Local clock offset: 22.564 ms
Remote clock offset: -39.029 ms

Below is generated by plot.py at 2018-07-03 13:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 394.96 Mbit/s
95th percentile per-packet one-way delay: 355.313 ms
Loss rate: 16.67%
-- Flow 1:
Average throughput: 394.96 Mbit/s
95th percentile per-packet one-way delay: 355.313 ms
Loss rate: 16.67%

Run 2: Report of FillP-Sheep — Data Link

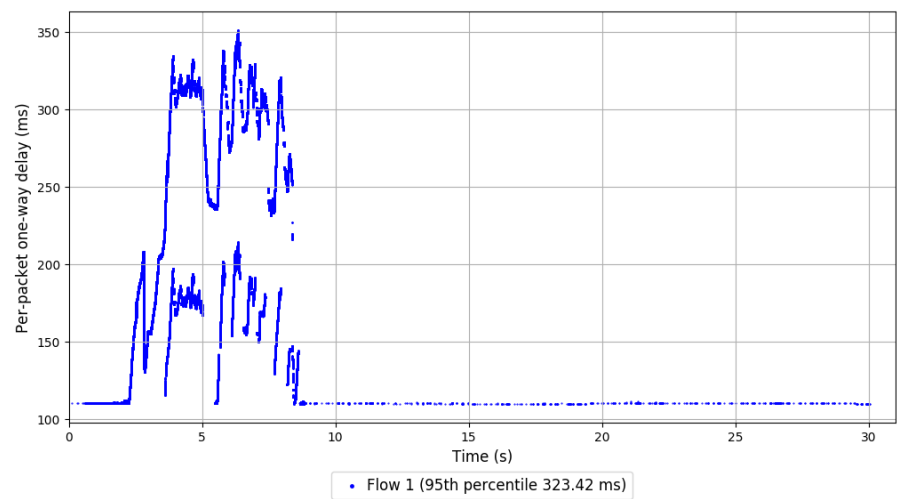
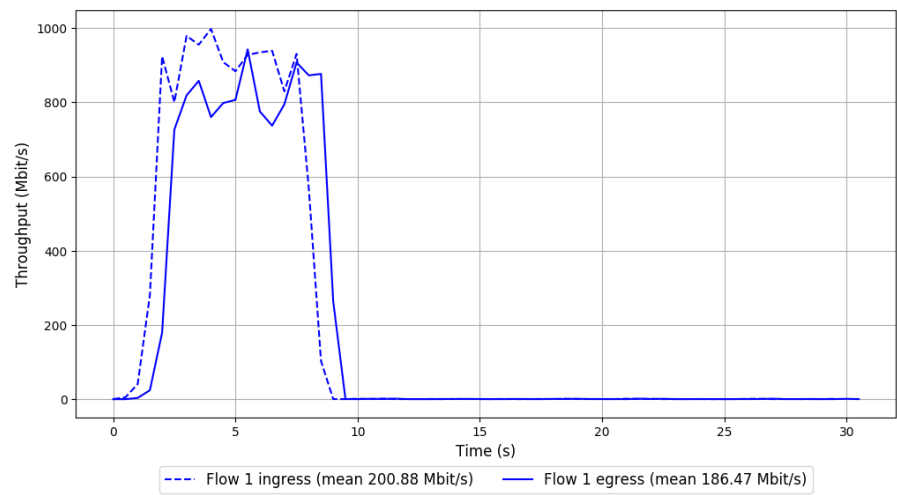


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-03 09:58:19
End at: 2018-07-03 09:58:49
Local clock offset: 40.18 ms
Remote clock offset: -29.647 ms

Below is generated by plot.py at 2018-07-03 13:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 186.47 Mbit/s
95th percentile per-packet one-way delay: 323.422 ms
Loss rate: 7.18%
-- Flow 1:
Average throughput: 186.47 Mbit/s
95th percentile per-packet one-way delay: 323.422 ms
Loss rate: 7.18%

Run 3: Report of FillP-Sheep — Data Link

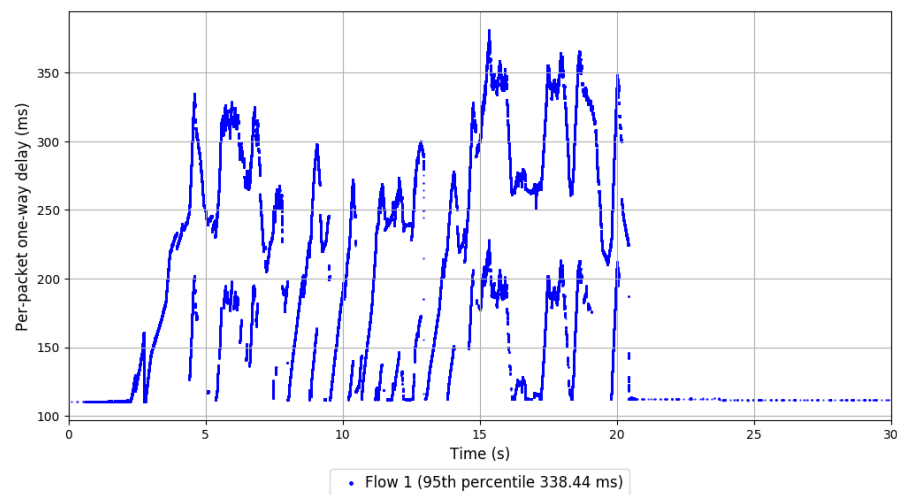
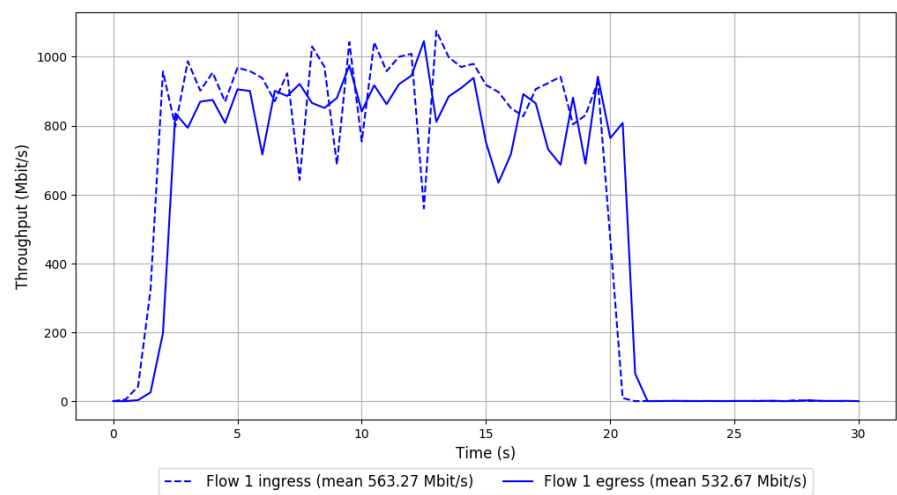


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-03 10:20:25
End at: 2018-07-03 10:20:55
Local clock offset: 47.259 ms
Remote clock offset: -31.53 ms

Below is generated by plot.py at 2018-07-03 13:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 532.67 Mbit/s
95th percentile per-packet one-way delay: 338.437 ms
Loss rate: 5.43%
-- Flow 1:
Average throughput: 532.67 Mbit/s
95th percentile per-packet one-way delay: 338.437 ms
Loss rate: 5.43%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-03 10:42:57

End at: 2018-07-03 10:43:27

Local clock offset: 21.656 ms

Remote clock offset: -31.926 ms

Below is generated by plot.py at 2018-07-03 13:40:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 341.87 Mbit/s

95th percentile per-packet one-way delay: 333.472 ms

Loss rate: 8.83%

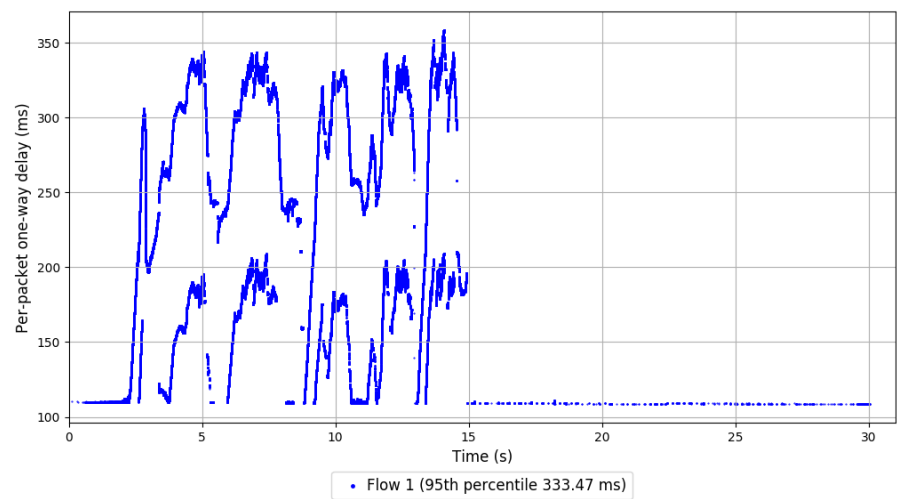
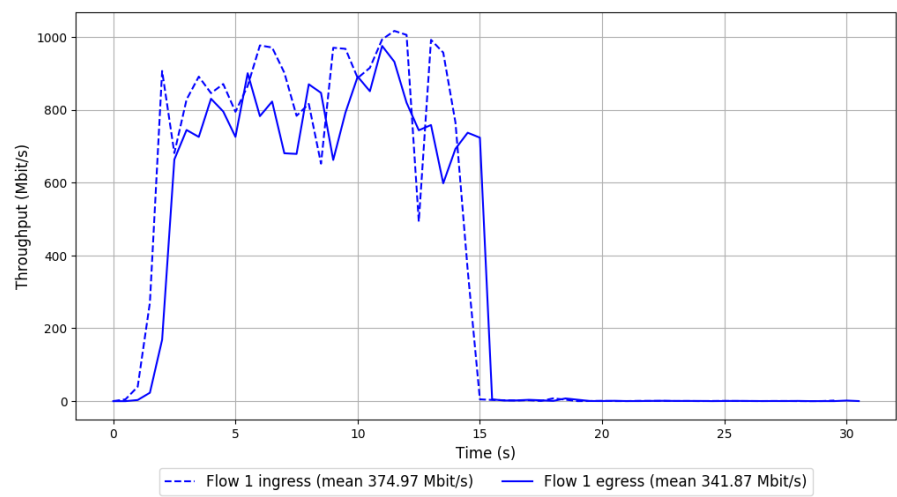
-- Flow 1:

Average throughput: 341.87 Mbit/s

95th percentile per-packet one-way delay: 333.472 ms

Loss rate: 8.83%

Run 5: Report of FillP-Sheep — Data Link

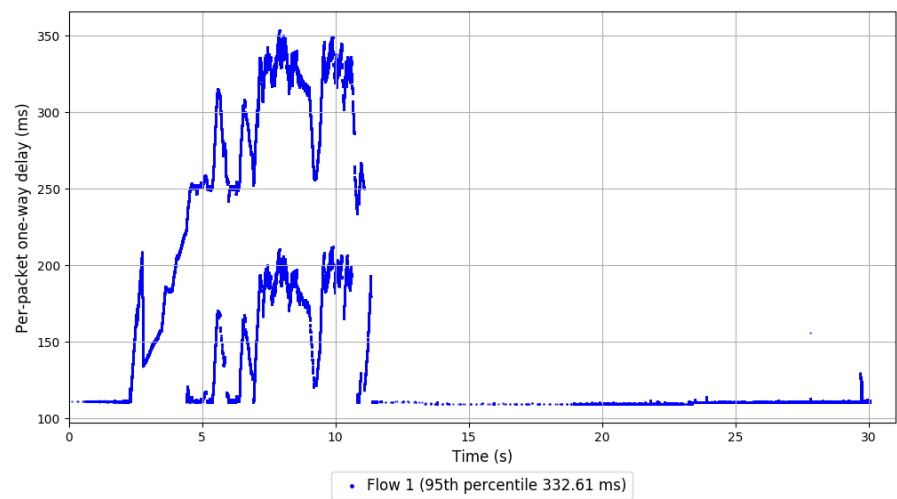
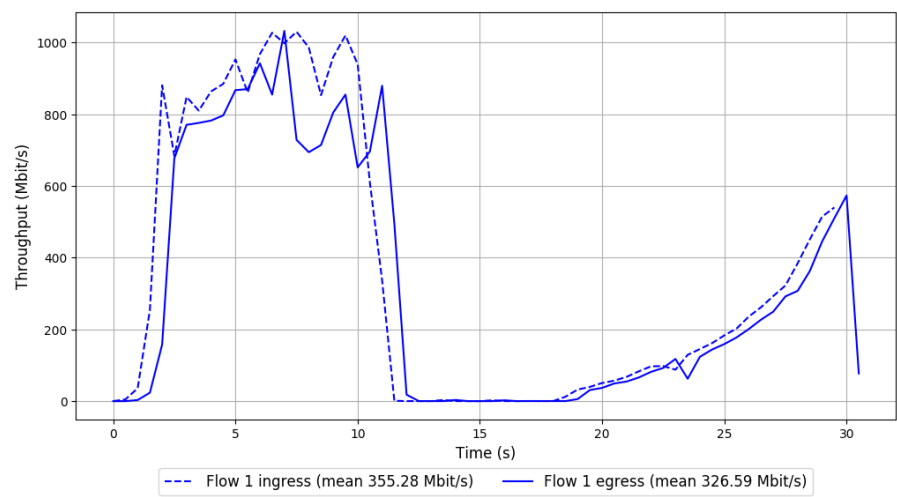


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-03 11:05:16
End at: 2018-07-03 11:05:46
Local clock offset: 15.408 ms
Remote clock offset: -23.433 ms

Below is generated by plot.py at 2018-07-03 13:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 326.59 Mbit/s
95th percentile per-packet one-way delay: 332.613 ms
Loss rate: 8.08%
-- Flow 1:
Average throughput: 326.59 Mbit/s
95th percentile per-packet one-way delay: 332.613 ms
Loss rate: 8.08%

Run 6: Report of FillP-Sheep — Data Link

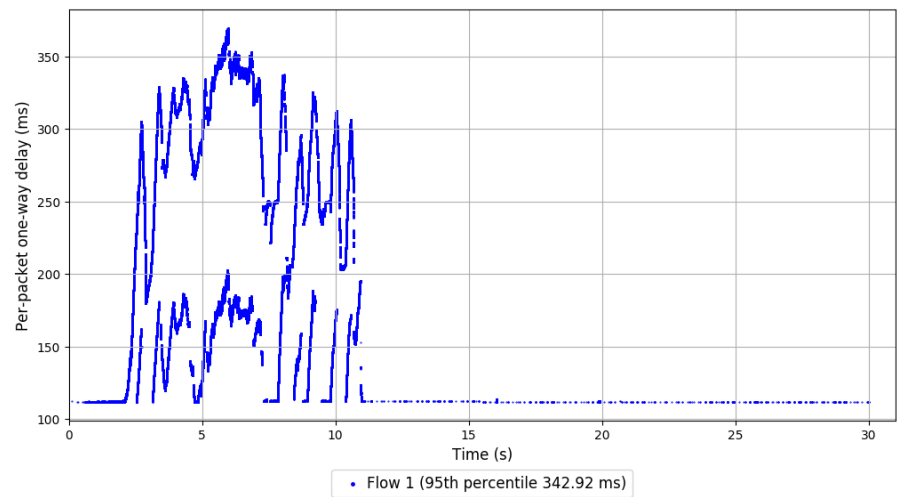
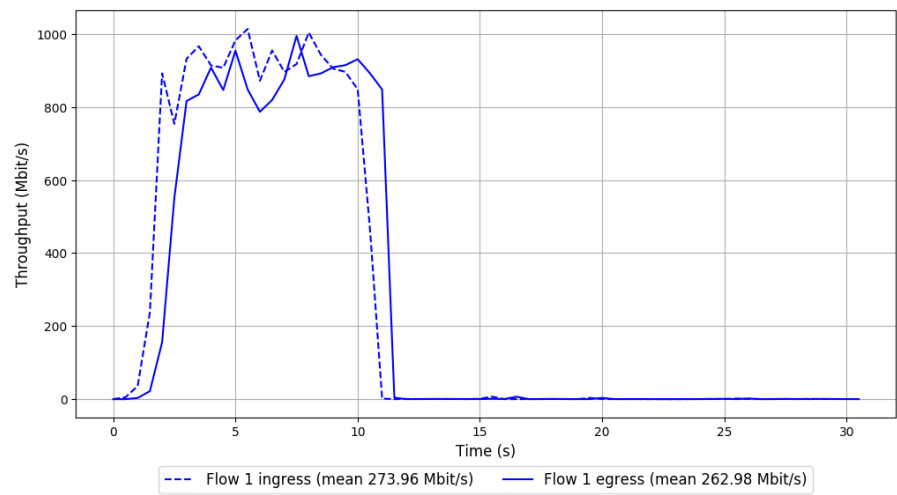


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-03 11:27:33
End at: 2018-07-03 11:28:04
Local clock offset: 4.822 ms
Remote clock offset: -6.954 ms

Below is generated by plot.py at 2018-07-03 13:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 262.98 Mbit/s
95th percentile per-packet one-way delay: 342.915 ms
Loss rate: 4.01%
-- Flow 1:
Average throughput: 262.98 Mbit/s
95th percentile per-packet one-way delay: 342.915 ms
Loss rate: 4.01%

Run 7: Report of FillP-Sheep — Data Link

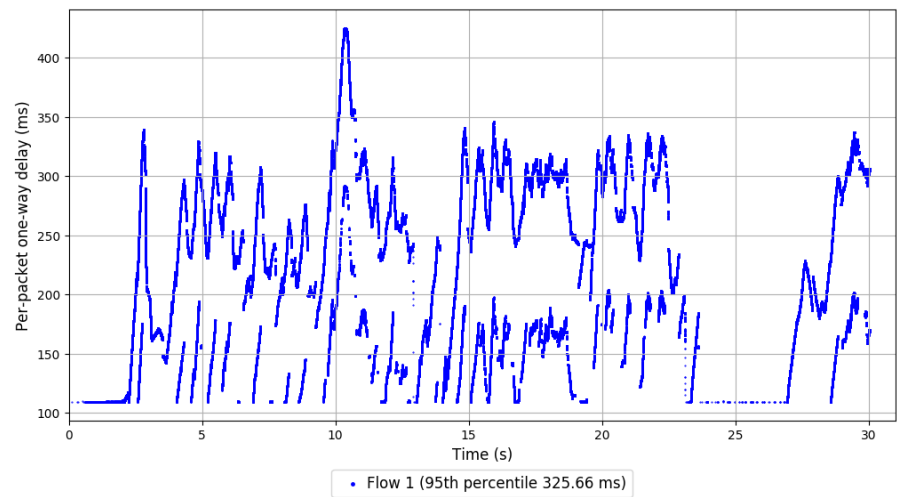
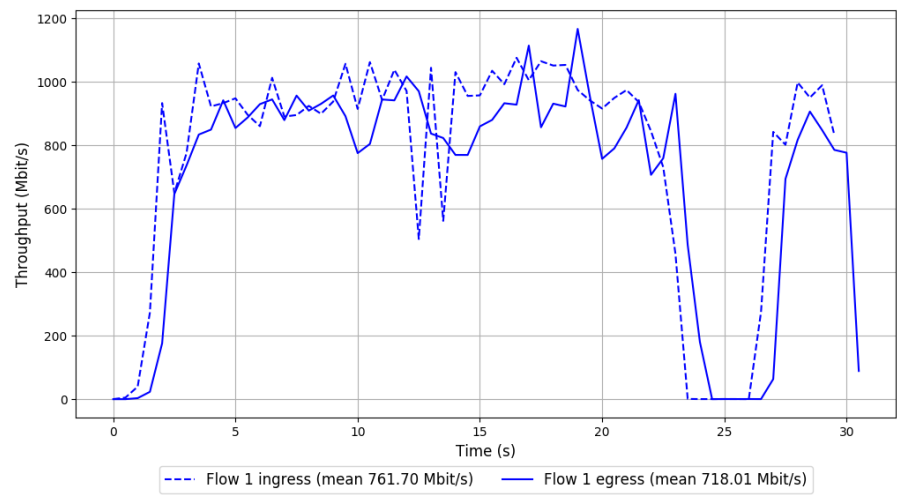


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-03 11:49:52
End at: 2018-07-03 11:50:22
Local clock offset: 4.602 ms
Remote clock offset: -4.299 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 718.01 Mbit/s
95th percentile per-packet one-way delay: 325.656 ms
Loss rate: 5.74%
-- Flow 1:
Average throughput: 718.01 Mbit/s
95th percentile per-packet one-way delay: 325.656 ms
Loss rate: 5.74%

Run 8: Report of FillP-Sheep — Data Link

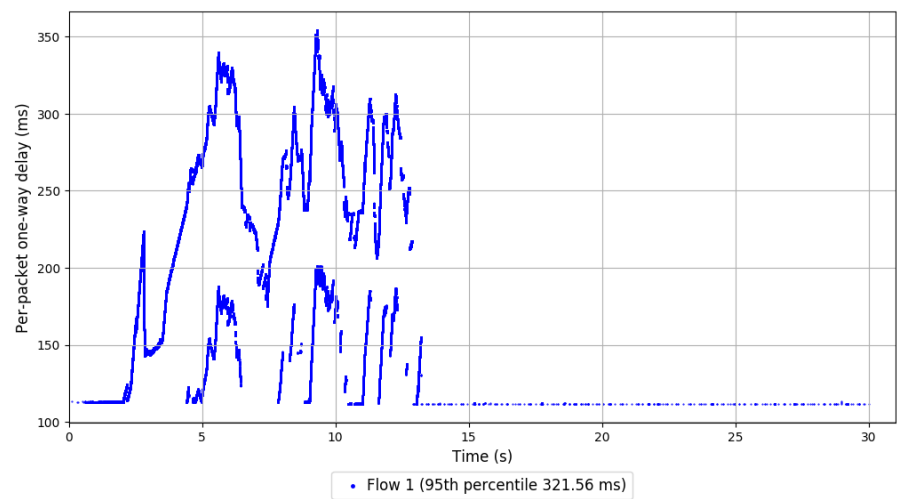
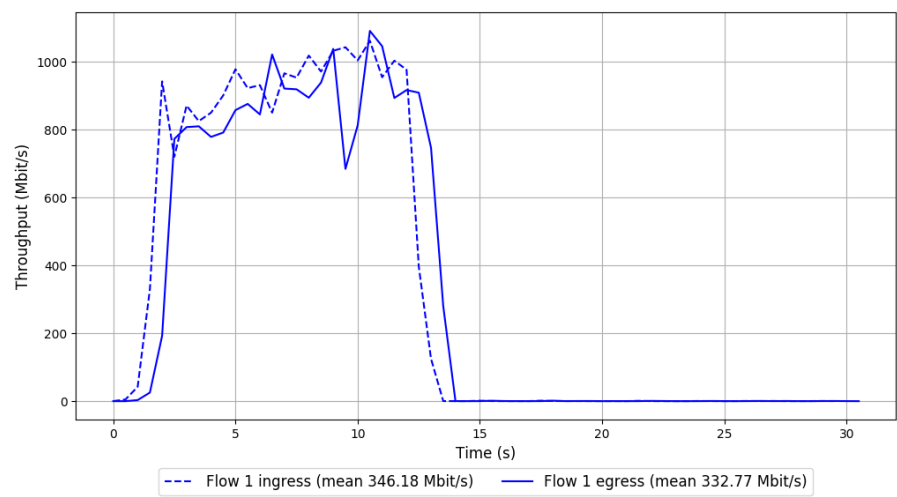


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-03 12:12:19
End at: 2018-07-03 12:12:49
Local clock offset: 2.019 ms
Remote clock offset: -2.312 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 332.77 Mbit/s
95th percentile per-packet one-way delay: 321.564 ms
Loss rate: 3.88%
-- Flow 1:
Average throughput: 332.77 Mbit/s
95th percentile per-packet one-way delay: 321.564 ms
Loss rate: 3.88%

Run 9: Report of FillP-Sheep — Data Link

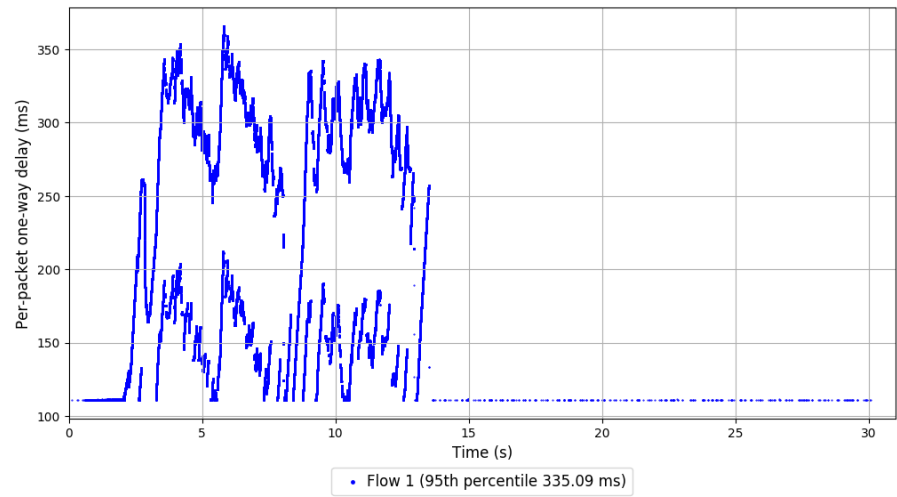
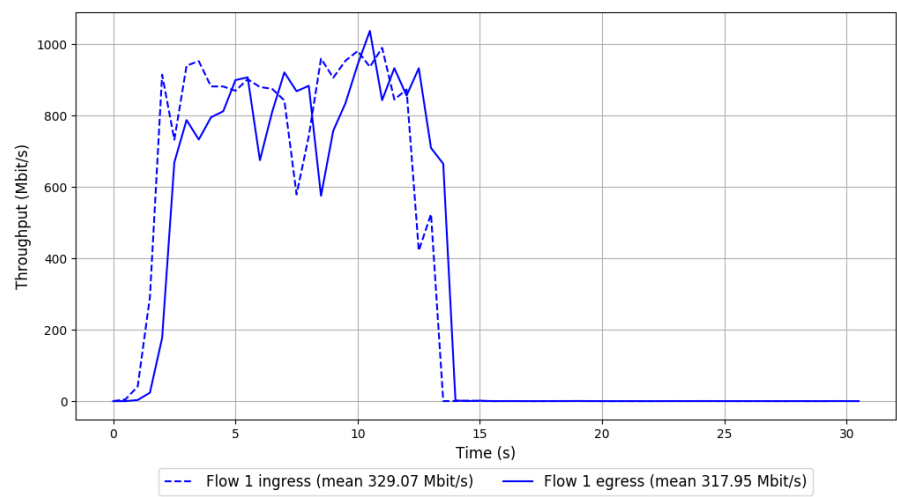


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-03 12:34:20
End at: 2018-07-03 12:34:50
Local clock offset: 1.085 ms
Remote clock offset: -1.102 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 317.95 Mbit/s
95th percentile per-packet one-way delay: 335.086 ms
Loss rate: 3.38%
-- Flow 1:
Average throughput: 317.95 Mbit/s
95th percentile per-packet one-way delay: 335.086 ms
Loss rate: 3.38%

Run 10: Report of FillP-Sheep — Data Link

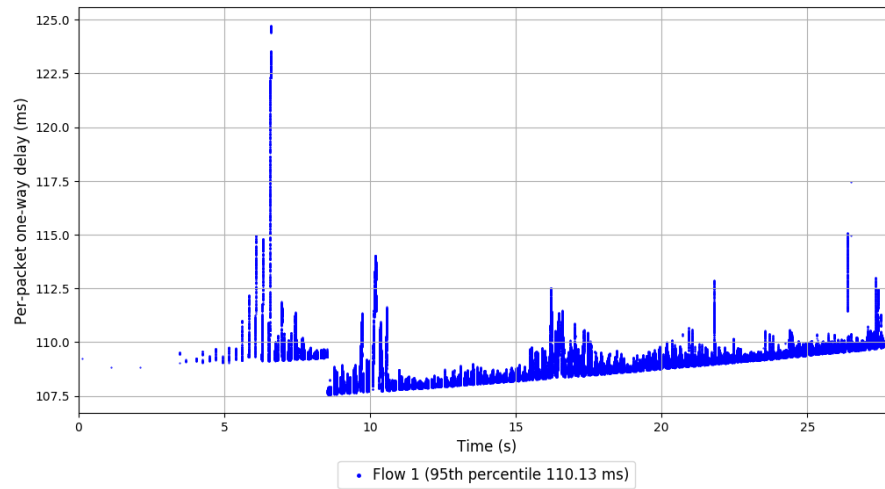
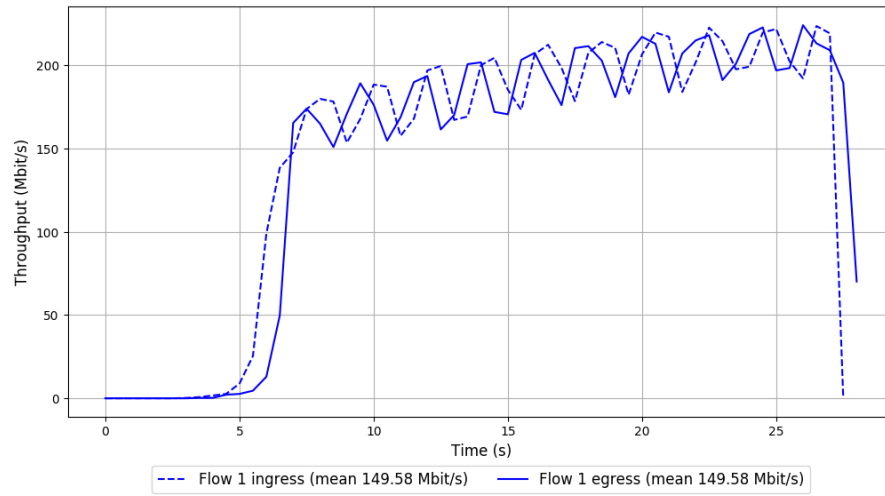


Run 1: Statistics of Indigo

Start at: 2018-07-03 09:18:58
End at: 2018-07-03 09:19:28
Local clock offset: 23.894 ms
Remote clock offset: -22.751 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 149.58 Mbit/s
95th percentile per-packet one-way delay: 110.134 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 149.58 Mbit/s
95th percentile per-packet one-way delay: 110.134 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

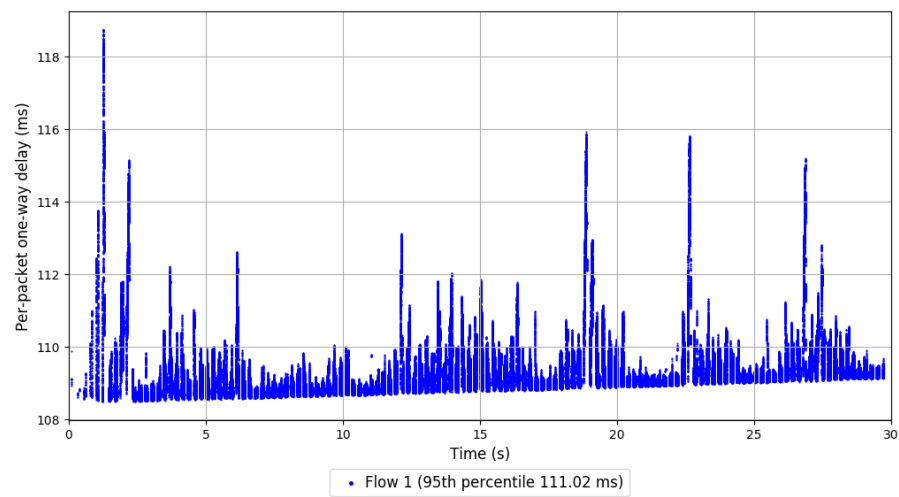
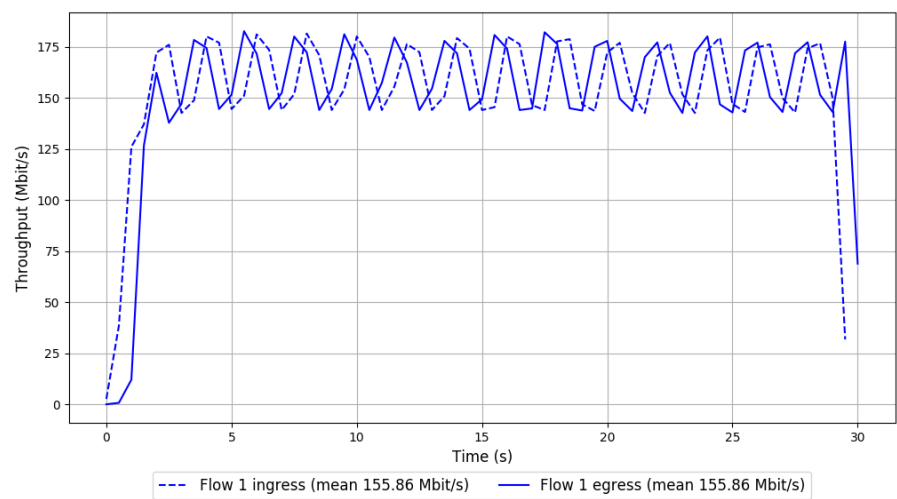


Run 2: Statistics of Indigo

Start at: 2018-07-03 09:40:59
End at: 2018-07-03 09:41:29
Local clock offset: 26.706 ms
Remote clock offset: -53.429 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 155.86 Mbit/s
95th percentile per-packet one-way delay: 111.018 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 155.86 Mbit/s
95th percentile per-packet one-way delay: 111.018 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

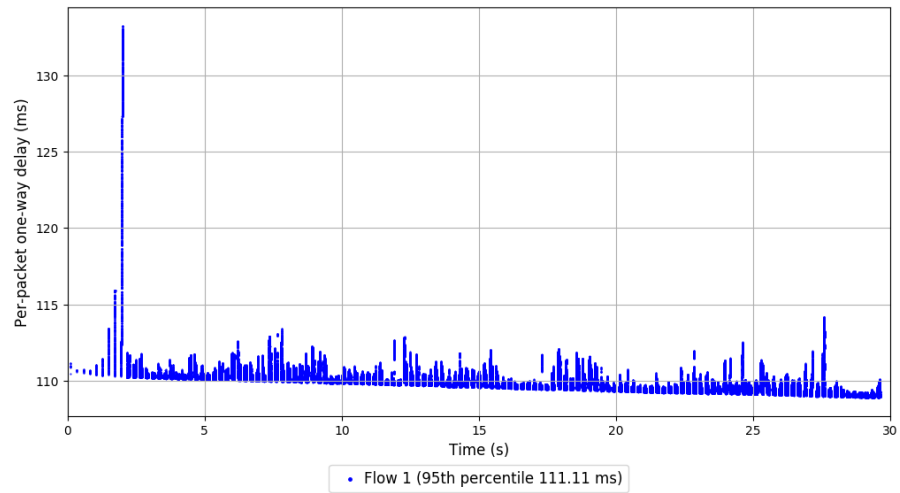
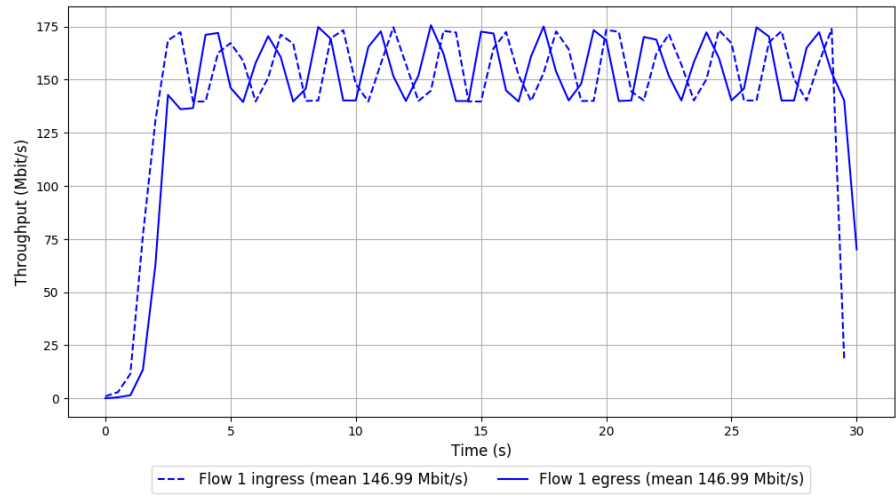


Run 3: Statistics of Indigo

Start at: 2018-07-03 10:03:15
End at: 2018-07-03 10:03:45
Local clock offset: 32.939 ms
Remote clock offset: -36.541 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 146.99 Mbit/s
95th percentile per-packet one-way delay: 111.115 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 146.99 Mbit/s
95th percentile per-packet one-way delay: 111.115 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

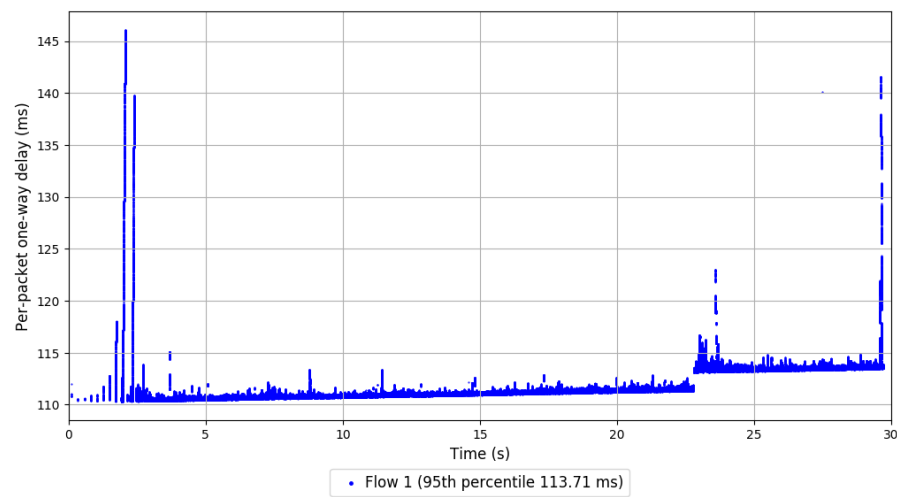
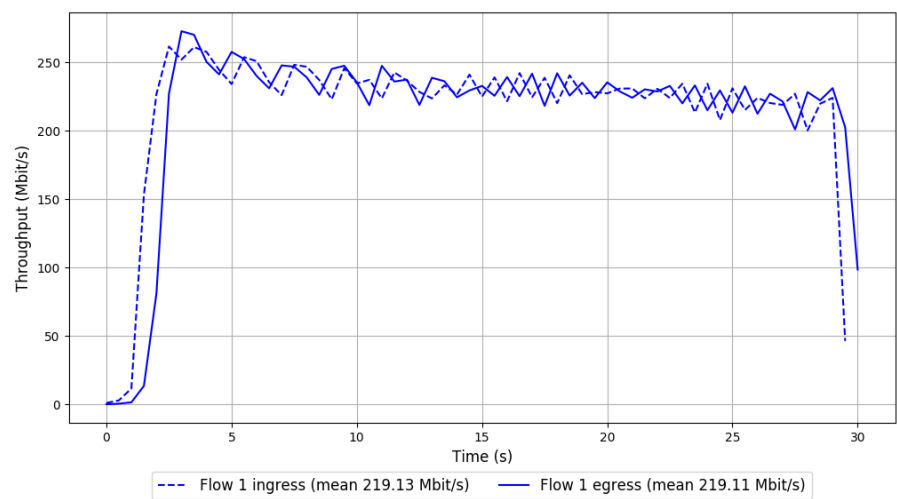


Run 4: Statistics of Indigo

Start at: 2018-07-03 10:25:36
End at: 2018-07-03 10:26:06
Local clock offset: 55.603 ms
Remote clock offset: -37.463 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 219.11 Mbit/s
95th percentile per-packet one-way delay: 113.711 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 219.11 Mbit/s
95th percentile per-packet one-way delay: 113.711 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

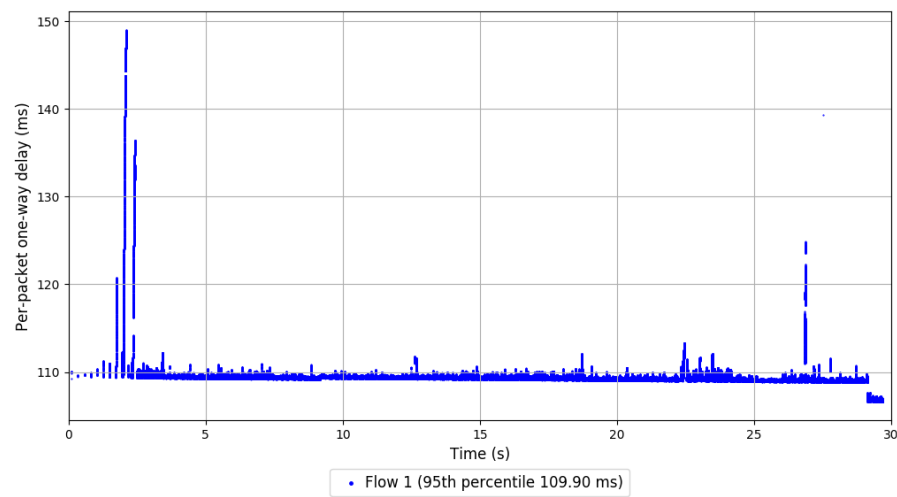
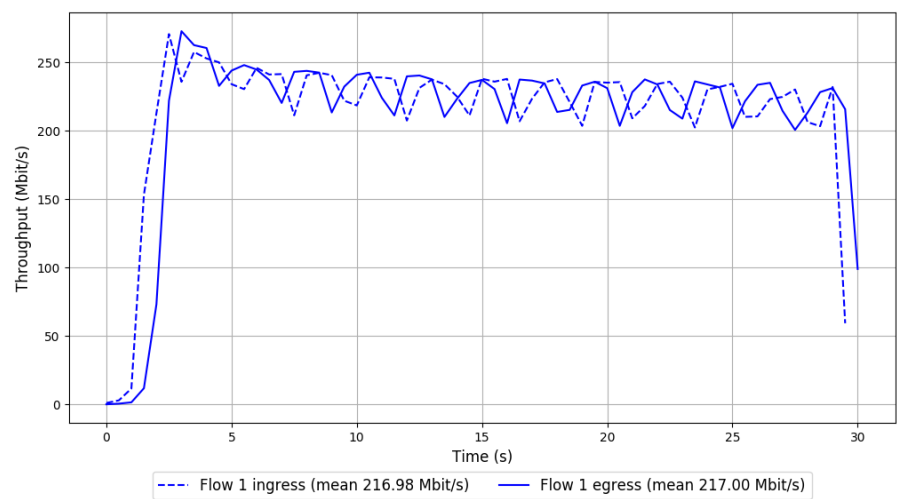


Run 5: Statistics of Indigo

Start at: 2018-07-03 10:47:59
End at: 2018-07-03 10:48:29
Local clock offset: 18.022 ms
Remote clock offset: -23.576 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 217.00 Mbit/s
95th percentile per-packet one-way delay: 109.898 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 217.00 Mbit/s
95th percentile per-packet one-way delay: 109.898 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

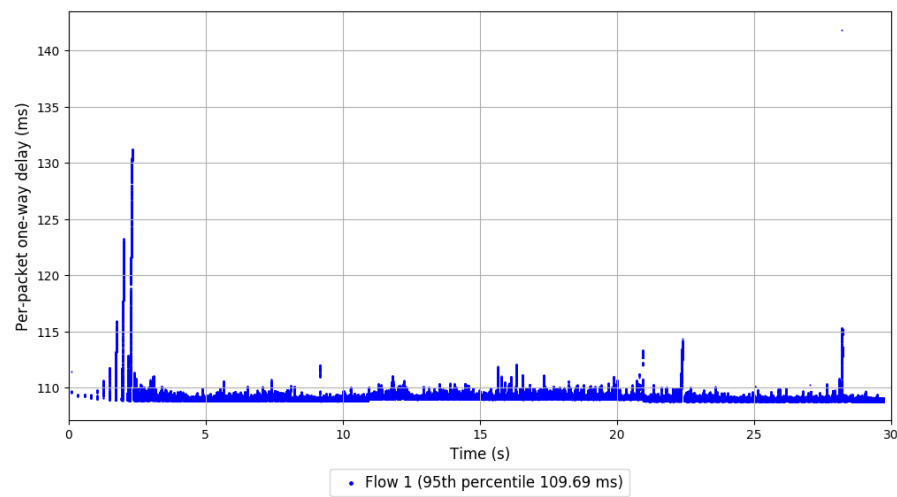
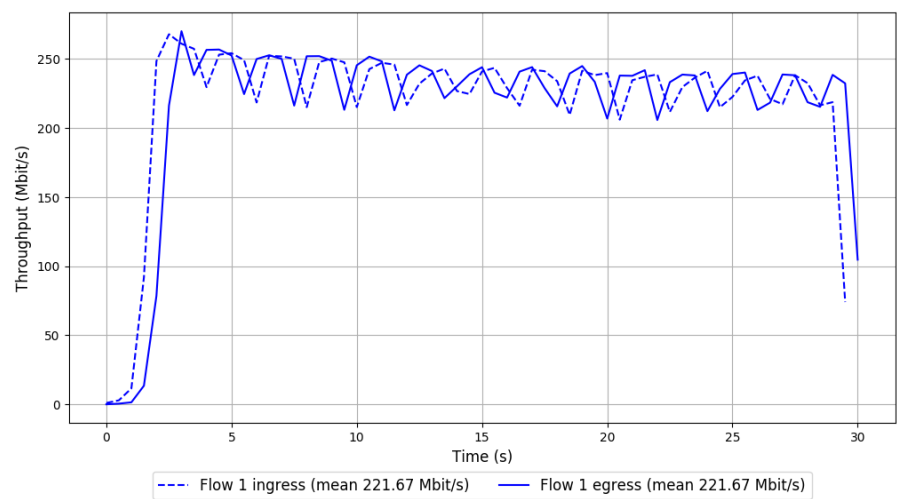


Run 6: Statistics of Indigo

Start at: 2018-07-03 11:10:18
End at: 2018-07-03 11:10:48
Local clock offset: 10.386 ms
Remote clock offset: -26.306 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 221.67 Mbit/s
95th percentile per-packet one-way delay: 109.689 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 221.67 Mbit/s
95th percentile per-packet one-way delay: 109.689 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

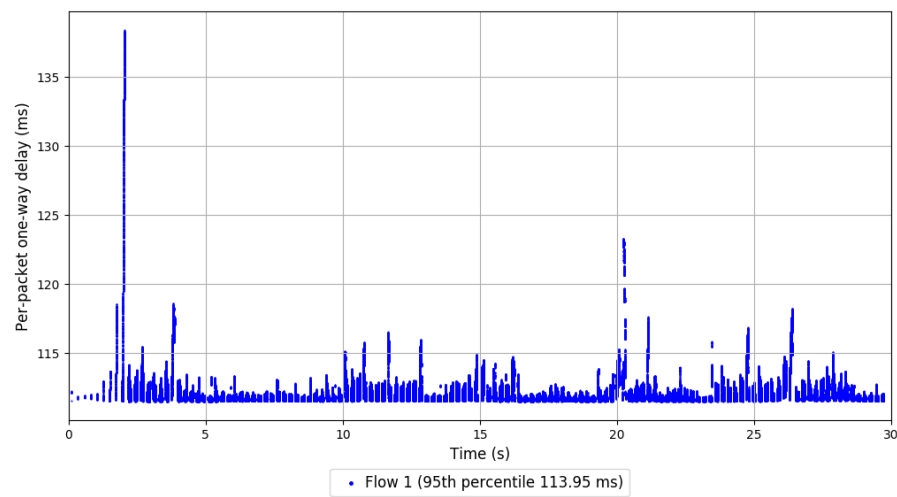
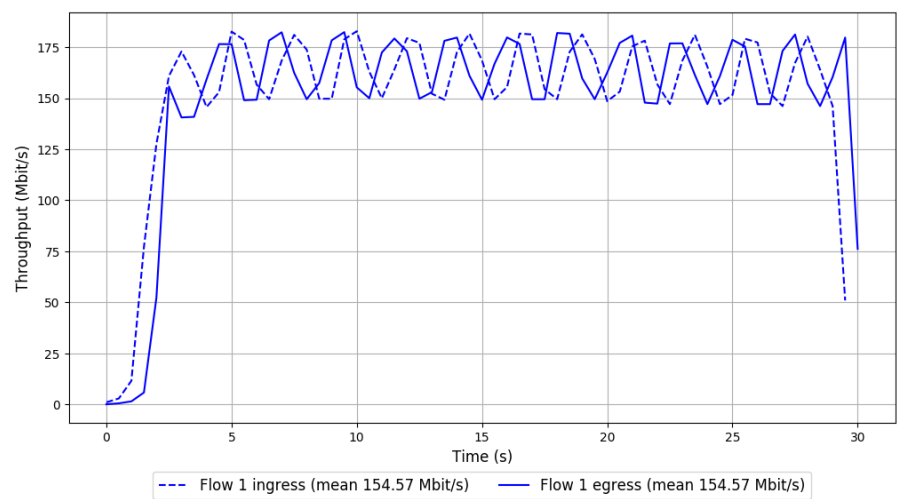


Run 7: Statistics of Indigo

Start at: 2018-07-03 11:32:33
End at: 2018-07-03 11:33:03
Local clock offset: 6.316 ms
Remote clock offset: -5.998 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 154.57 Mbit/s
95th percentile per-packet one-way delay: 113.948 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 154.57 Mbit/s
95th percentile per-packet one-way delay: 113.948 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

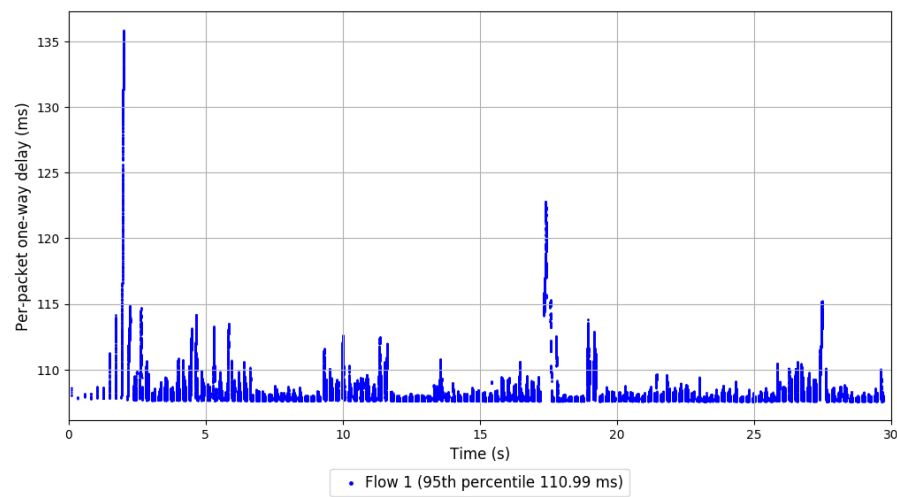
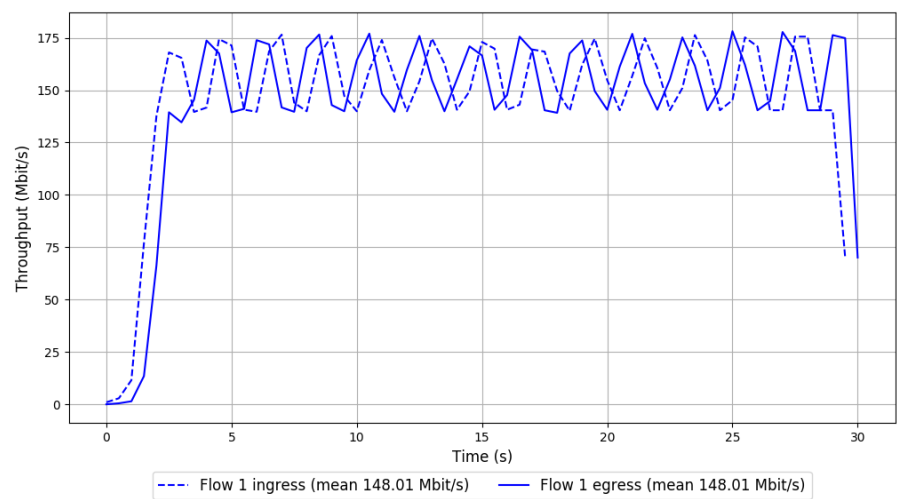


Run 8: Statistics of Indigo

Start at: 2018-07-03 11:55:12
End at: 2018-07-03 11:55:42
Local clock offset: 4.074 ms
Remote clock offset: -2.876 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 148.01 Mbit/s
95th percentile per-packet one-way delay: 110.989 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 148.01 Mbit/s
95th percentile per-packet one-way delay: 110.989 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

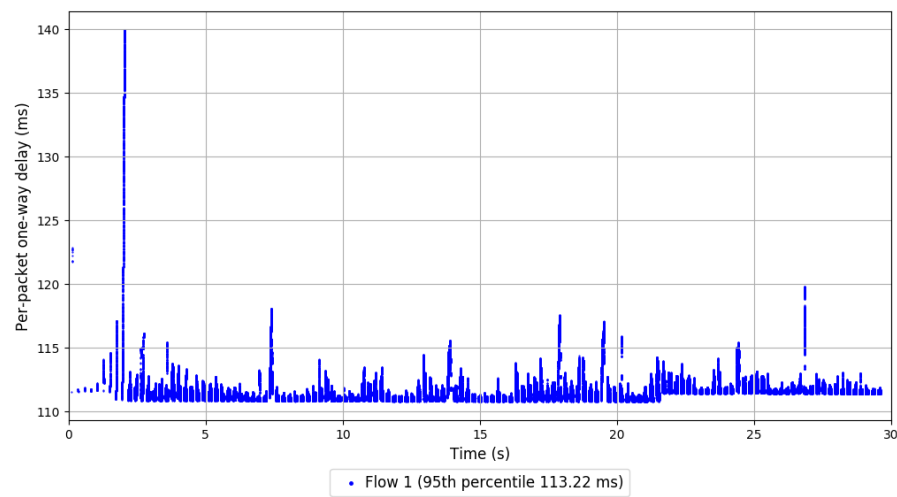
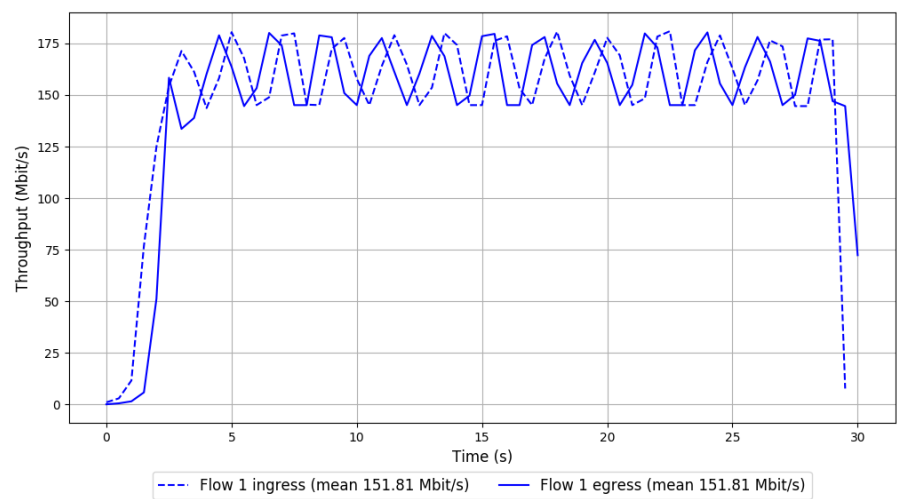


Run 9: Statistics of Indigo

Start at: 2018-07-03 12:17:17
End at: 2018-07-03 12:17:47
Local clock offset: 2.304 ms
Remote clock offset: -2.588 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 151.81 Mbit/s
95th percentile per-packet one-way delay: 113.219 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 151.81 Mbit/s
95th percentile per-packet one-way delay: 113.219 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-07-03 12:39:22

End at: 2018-07-03 12:39:52

Local clock offset: 2.656 ms

Remote clock offset: -0.972 ms

Below is generated by plot.py at 2018-07-03 13:49:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 149.77 Mbit/s

95th percentile per-packet one-way delay: 111.091 ms

Loss rate: 0.00%

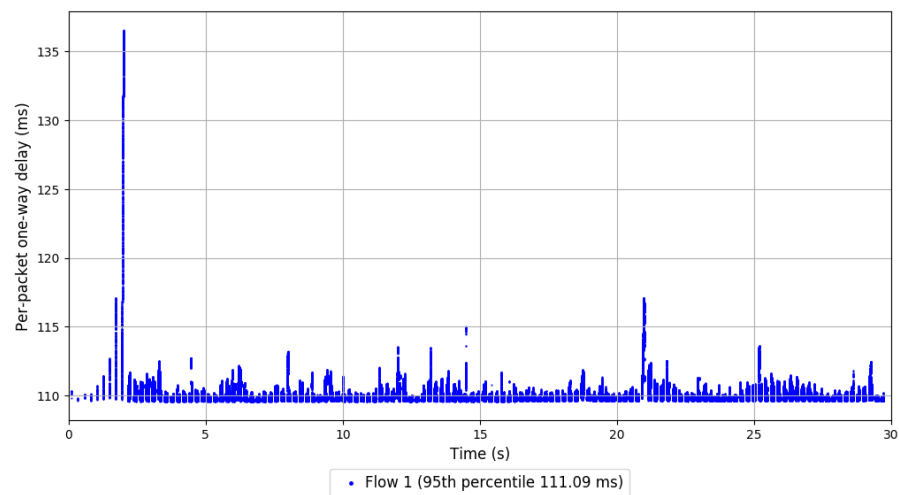
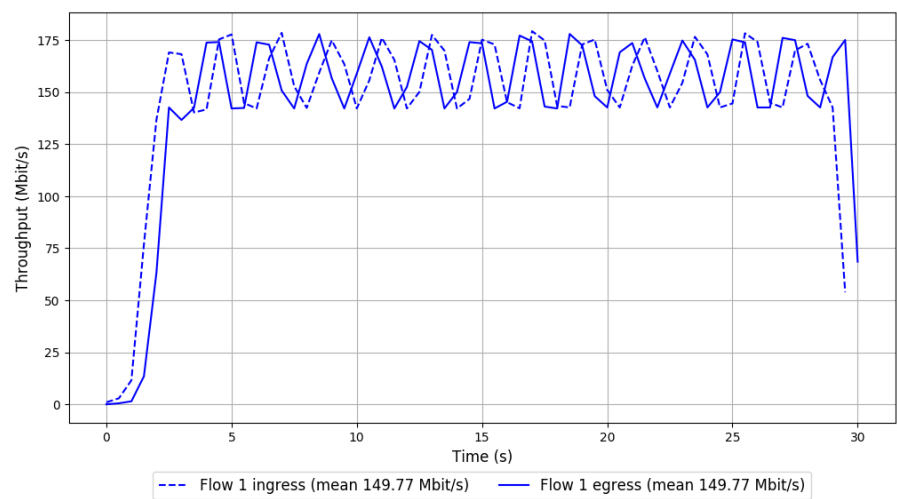
-- Flow 1:

Average throughput: 149.77 Mbit/s

95th percentile per-packet one-way delay: 111.091 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

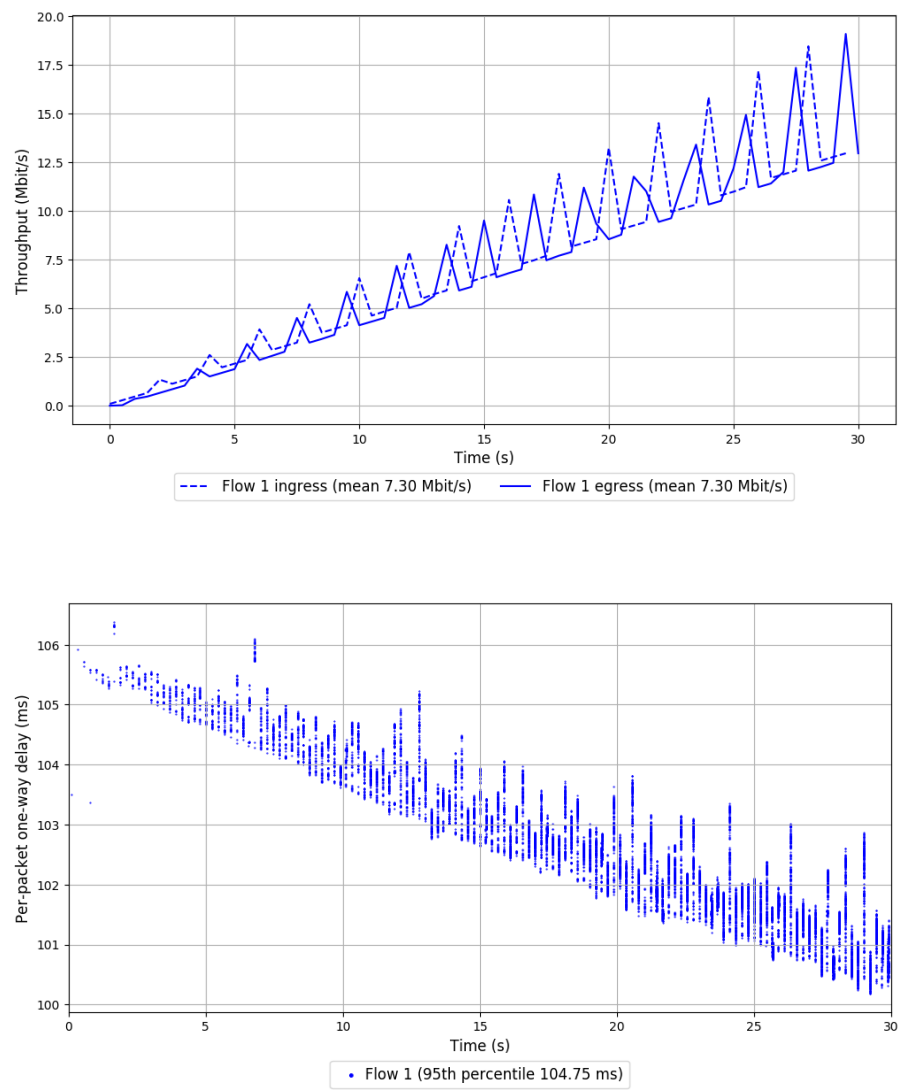


```
Run 1: Statistics of LEDBAT

Start at: 2018-07-03 09:32:16
End at: 2018-07-03 09:32:46
Local clock offset: 43.015 ms
Remote clock offset: -36.689 ms

# Below is generated by plot.py at 2018-07-03 13:49:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 104.749 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 104.749 ms
Loss rate: 0.00%
```


Run 1: Report of LEDBAT — Data Link

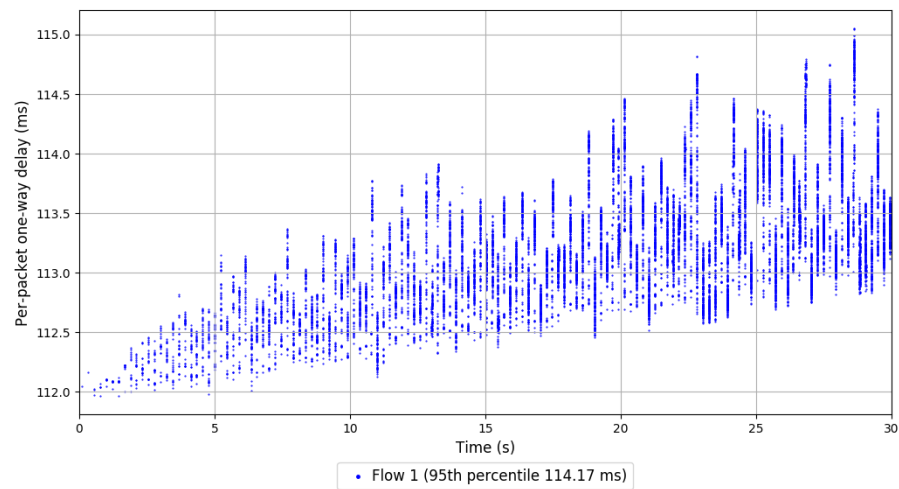
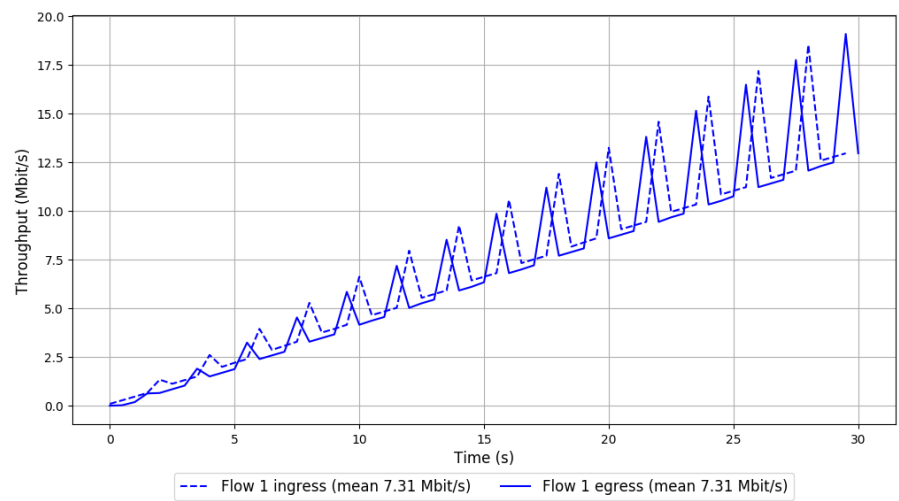


Run 2: Statistics of LEDBAT

Start at: 2018-07-03 09:54:26
End at: 2018-07-03 09:54:56
Local clock offset: 37.653 ms
Remote clock offset: -27.786 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 114.170 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 114.170 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

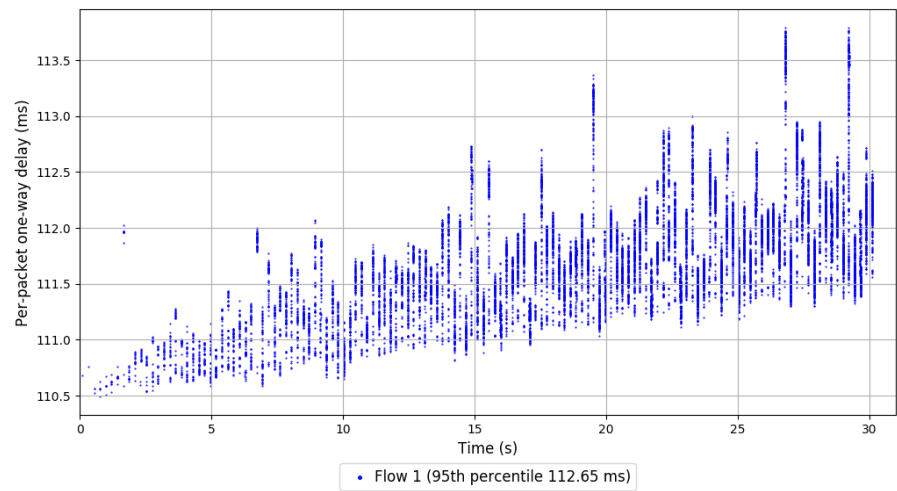
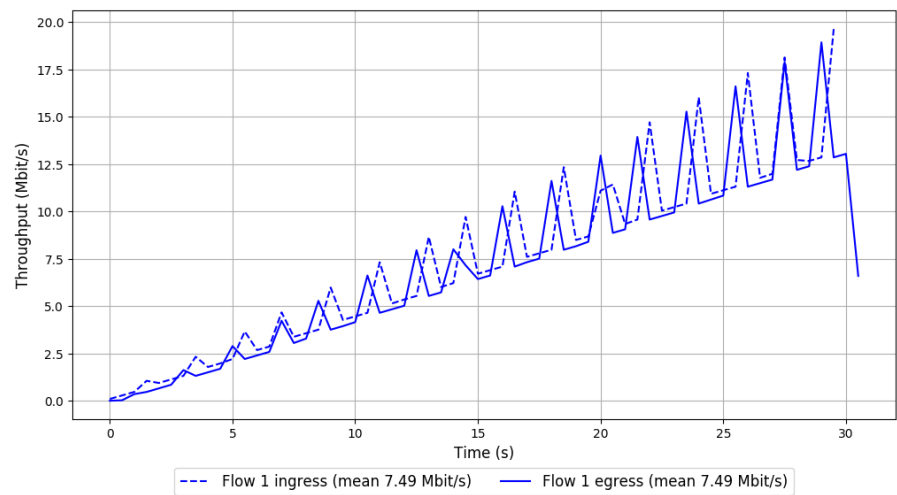


Run 3: Statistics of LEDBAT

Start at: 2018-07-03 10:16:39
End at: 2018-07-03 10:17:09
Local clock offset: 41.165 ms
Remote clock offset: -28.524 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.49 Mbit/s
95th percentile per-packet one-way delay: 112.651 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.49 Mbit/s
95th percentile per-packet one-way delay: 112.651 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

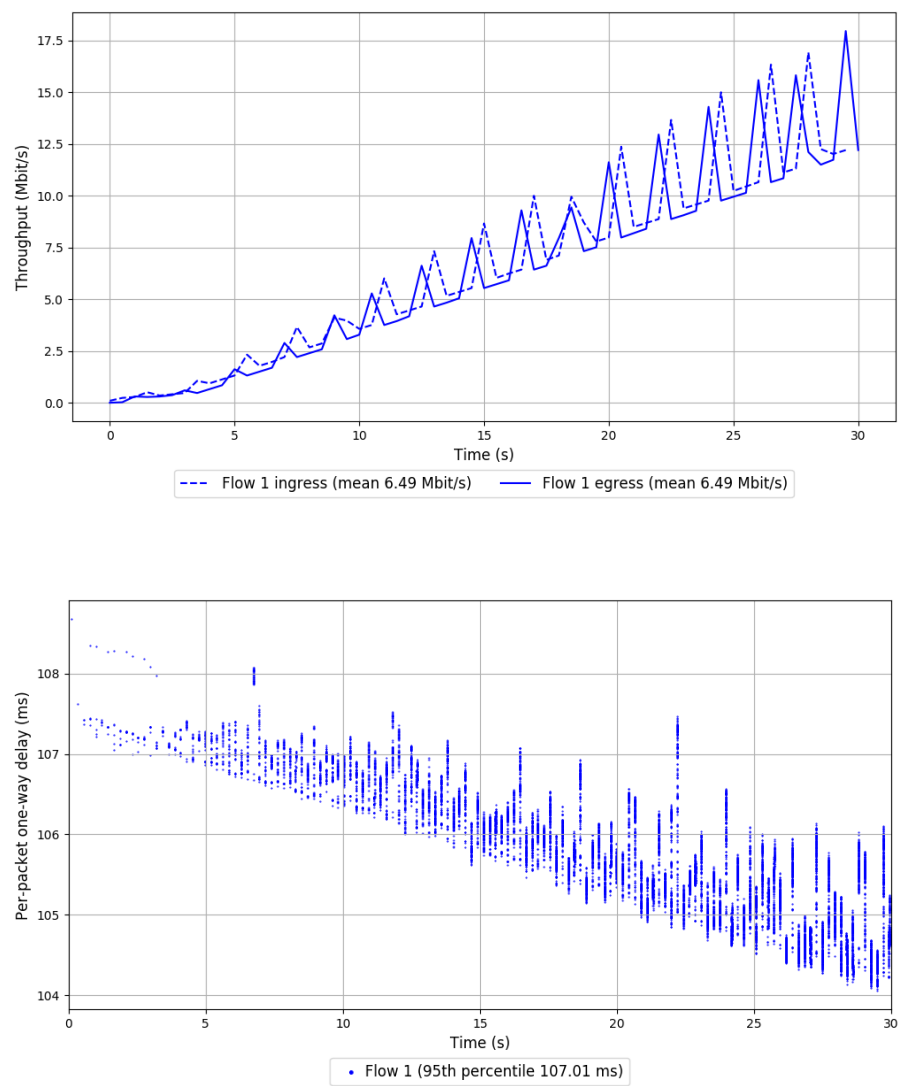


Run 4: Statistics of LEDBAT

Start at: 2018-07-03 10:39:05
End at: 2018-07-03 10:39:35
Local clock offset: 29.361 ms
Remote clock offset: -45.19 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.49 Mbit/s
95th percentile per-packet one-way delay: 107.012 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.49 Mbit/s
95th percentile per-packet one-way delay: 107.012 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

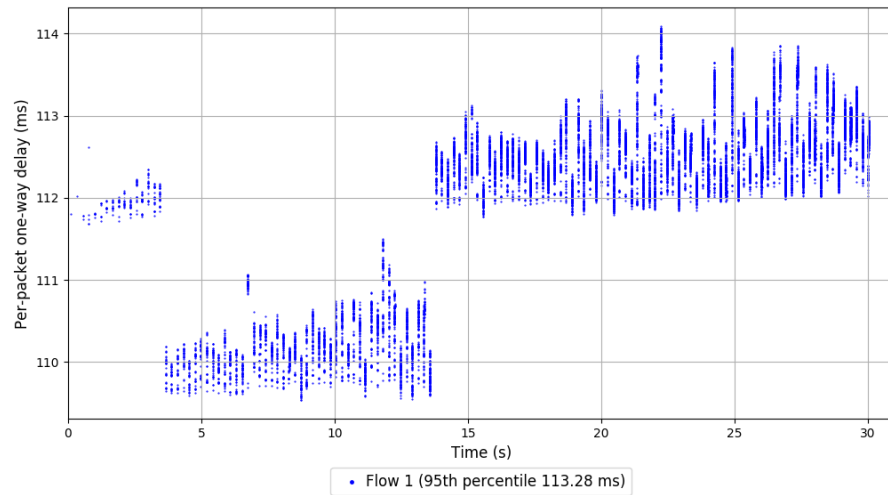
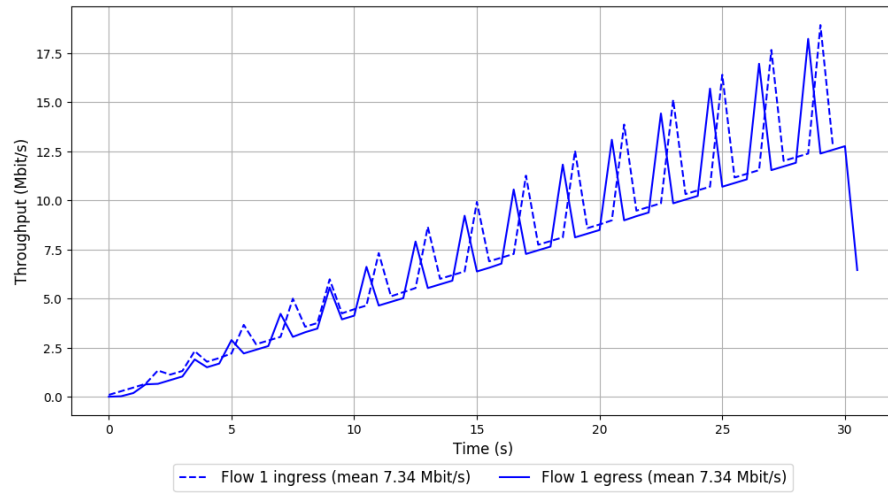


Run 5: Statistics of LEDBAT

Start at: 2018-07-03 11:01:25
End at: 2018-07-03 11:01:55
Local clock offset: 15.565 ms
Remote clock offset: -21.603 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 113.285 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 113.285 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

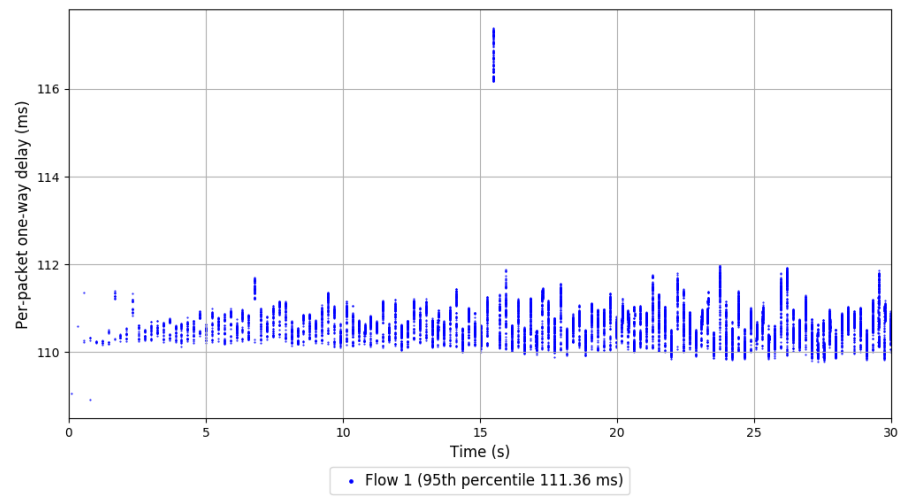
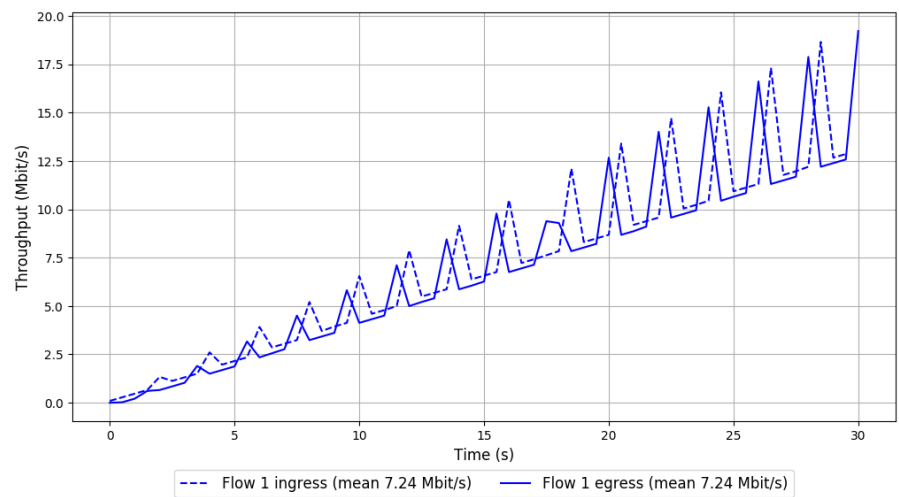


Run 6: Statistics of LEDBAT

Start at: 2018-07-03 11:23:39
End at: 2018-07-03 11:24:09
Local clock offset: 7.093 ms
Remote clock offset: -8.591 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 111.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 111.362 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

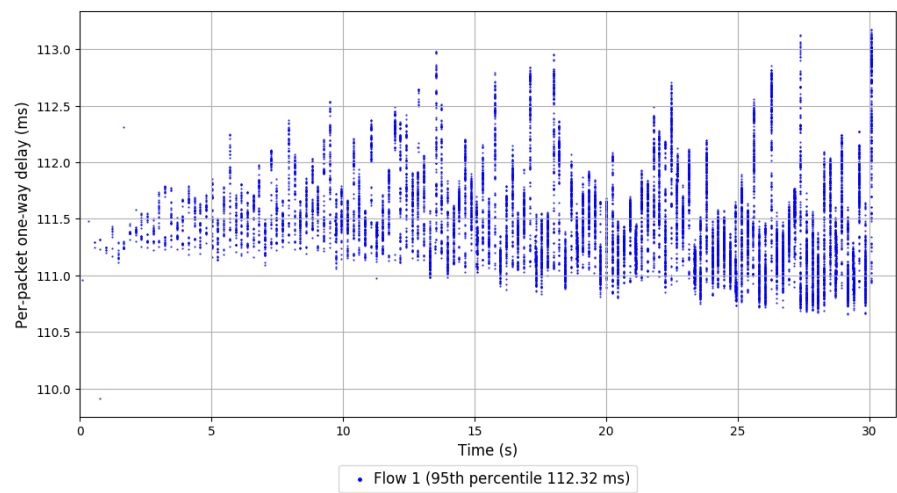
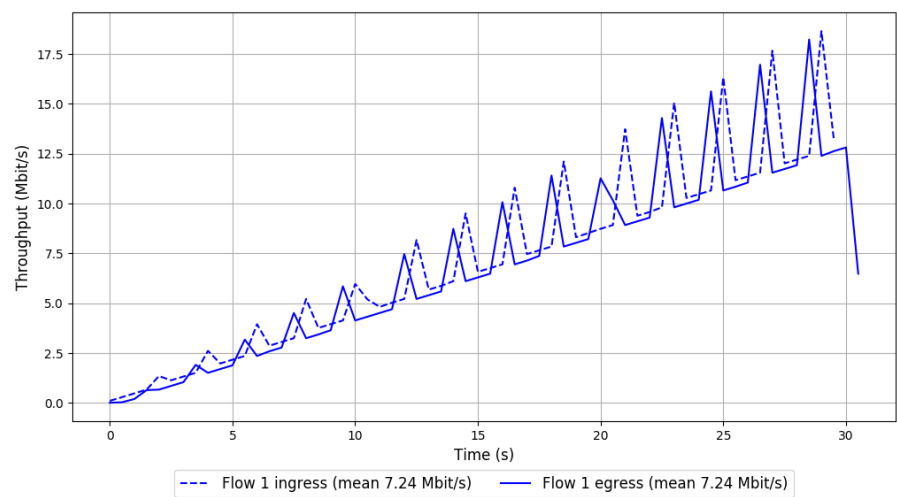


Run 7: Statistics of LEDBAT

Start at: 2018-07-03 11:46:02
End at: 2018-07-03 11:46:32
Local clock offset: 4.153 ms
Remote clock offset: -6.131 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 112.316 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 112.316 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

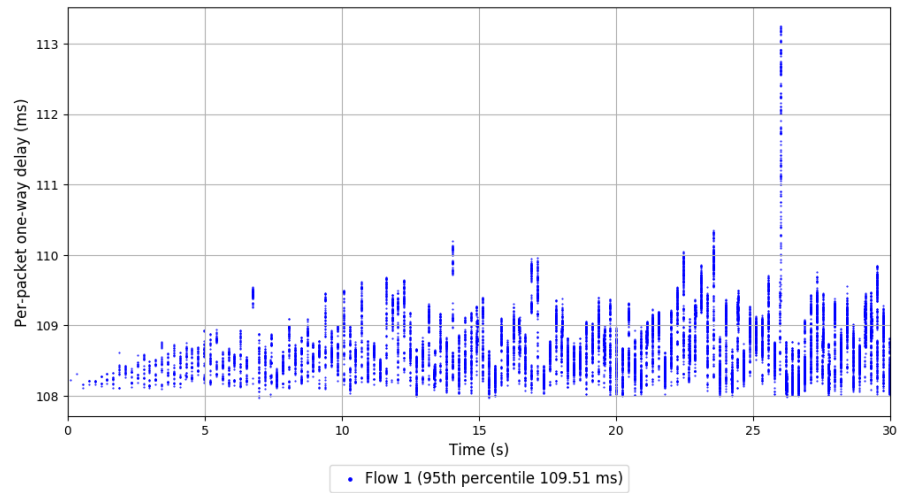
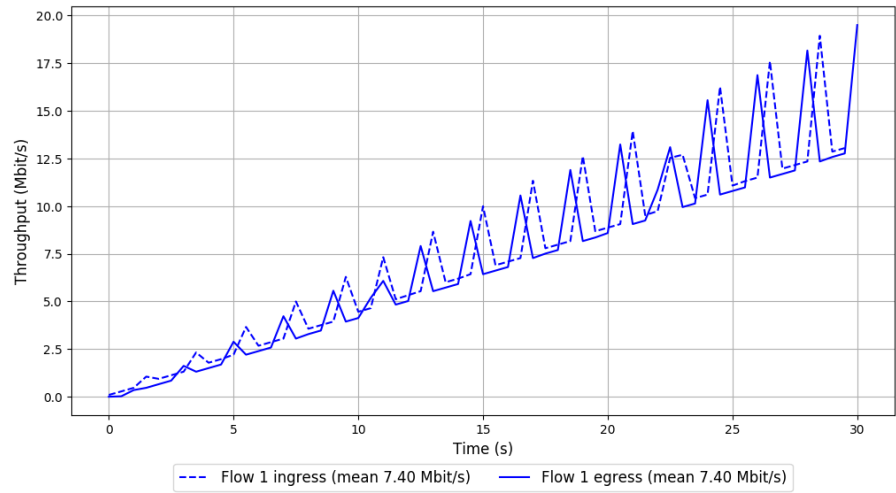


Run 8: Statistics of LEDBAT

Start at: 2018-07-03 12:08:26
End at: 2018-07-03 12:08:56
Local clock offset: 4.271 ms
Remote clock offset: -2.225 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.40 Mbit/s
95th percentile per-packet one-way delay: 109.509 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.40 Mbit/s
95th percentile per-packet one-way delay: 109.509 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

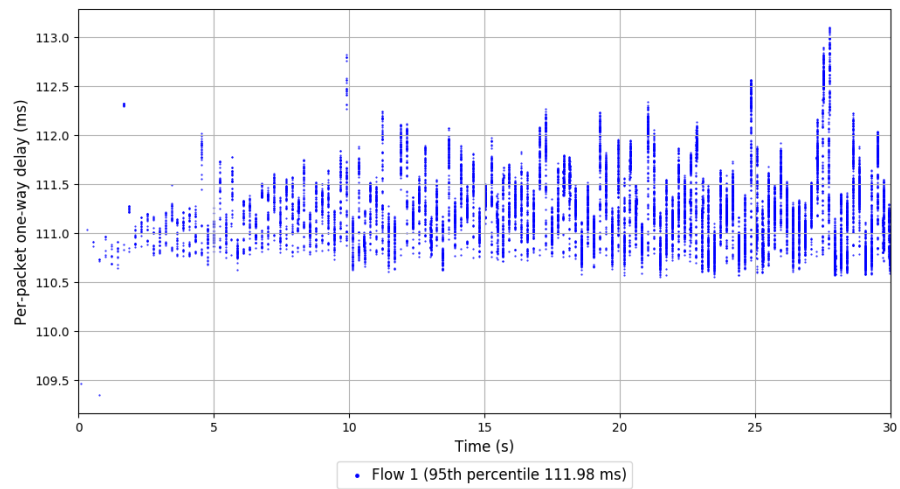
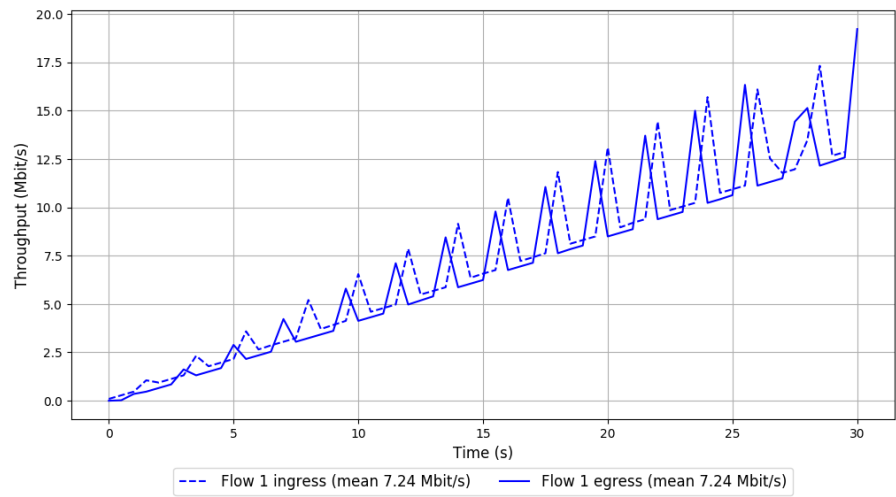


Run 9: Statistics of LEDBAT

Start at: 2018-07-03 12:30:27
End at: 2018-07-03 12:30:57
Local clock offset: 1.482 ms
Remote clock offset: -1.164 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 111.979 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 111.979 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

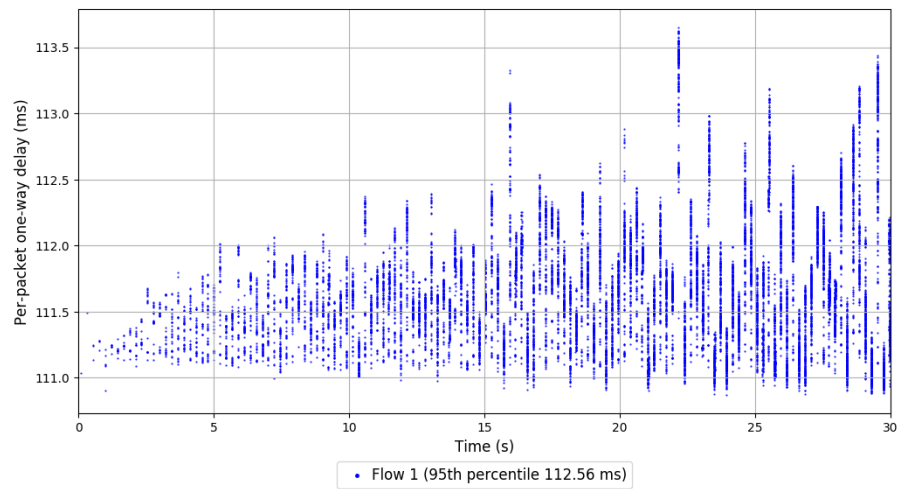
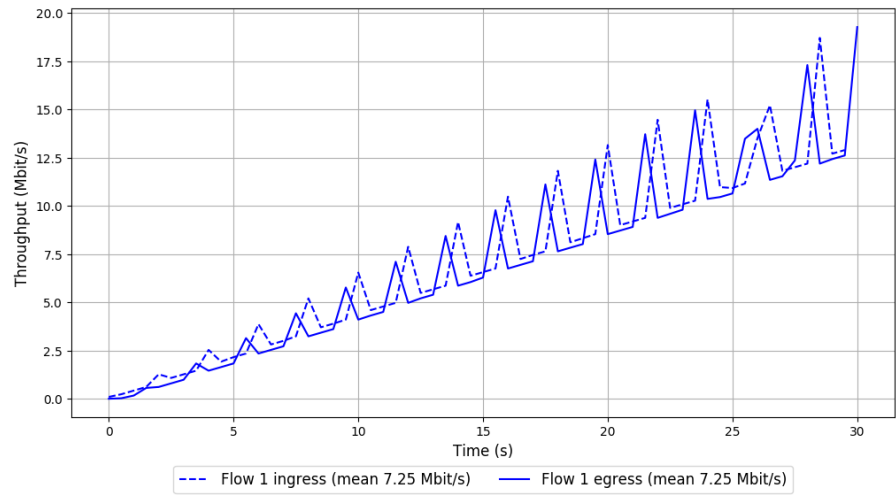


Run 10: Statistics of LEDBAT

Start at: 2018-07-03 12:52:30
End at: 2018-07-03 12:53:00
Local clock offset: 0.907 ms
Remote clock offset: -1.303 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.25 Mbit/s
95th percentile per-packet one-way delay: 112.564 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.25 Mbit/s
95th percentile per-packet one-way delay: 112.564 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-07-03 09:28:02

End at: 2018-07-03 09:28:32

Local clock offset: 38.946 ms

Remote clock offset: -44.32 ms

Below is generated by plot.py at 2018-07-03 13:49:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 349.90 Mbit/s

95th percentile per-packet one-way delay: 275.049 ms

Loss rate: 0.52%

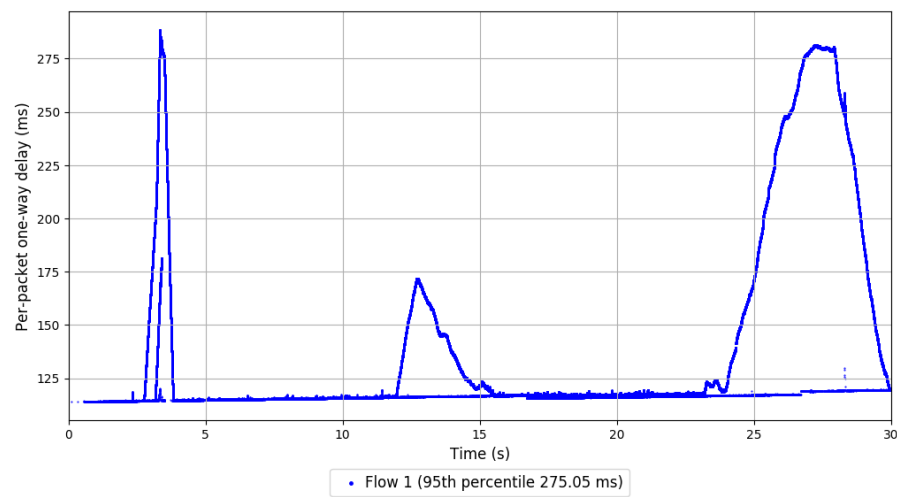
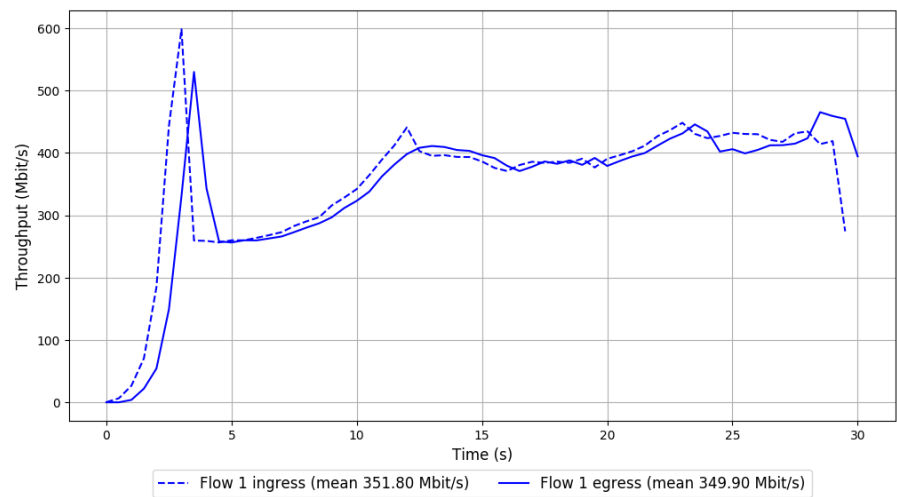
-- Flow 1:

Average throughput: 349.90 Mbit/s

95th percentile per-packet one-way delay: 275.049 ms

Loss rate: 0.52%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-03 09:50:11

End at: 2018-07-03 09:50:41

Local clock offset: 29.759 ms

Remote clock offset: -36.919 ms

Below is generated by plot.py at 2018-07-03 13:49:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 382.72 Mbit/s

95th percentile per-packet one-way delay: 254.991 ms

Loss rate: 0.43%

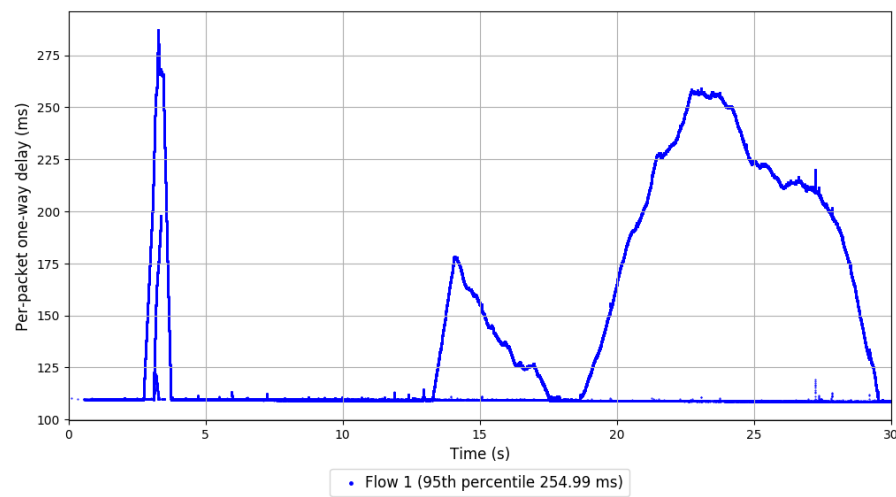
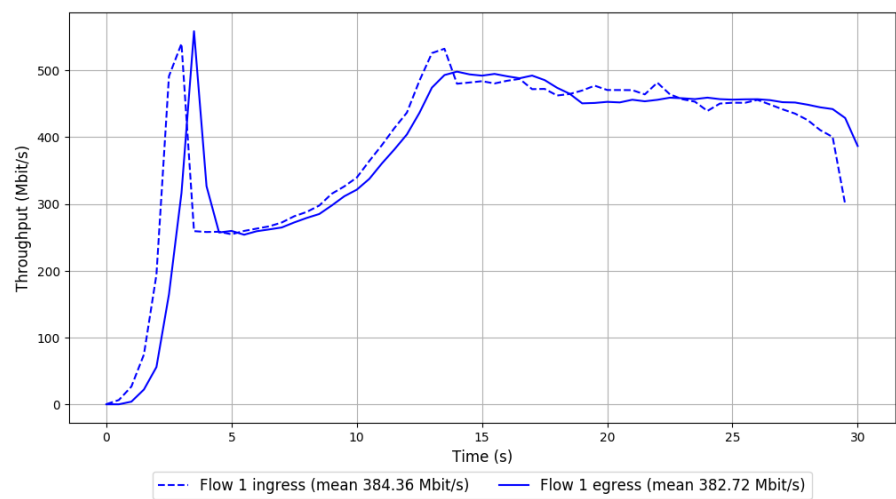
-- Flow 1:

Average throughput: 382.72 Mbit/s

95th percentile per-packet one-way delay: 254.991 ms

Loss rate: 0.43%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-07-03 10:12:24

End at: 2018-07-03 10:12:55

Local clock offset: 36.388 ms

Remote clock offset: -26.842 ms

Below is generated by plot.py at 2018-07-03 13:49:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 357.60 Mbit/s

95th percentile per-packet one-way delay: 208.911 ms

Loss rate: 0.19%

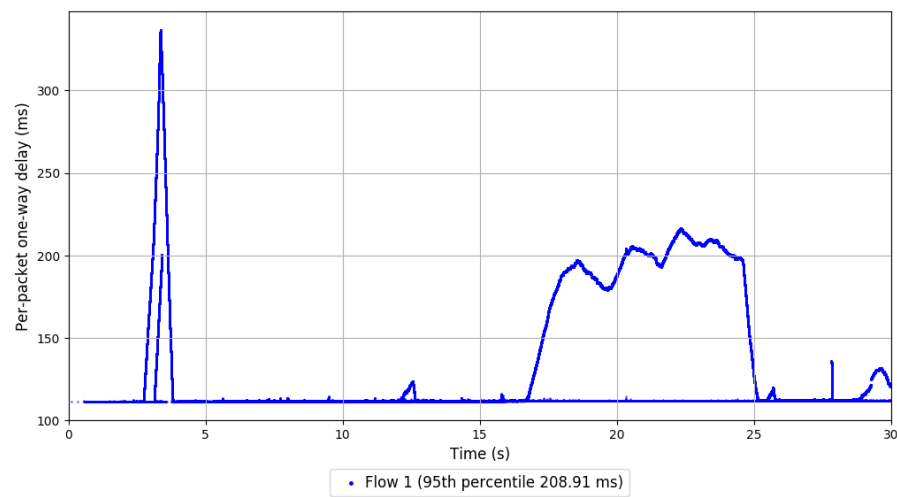
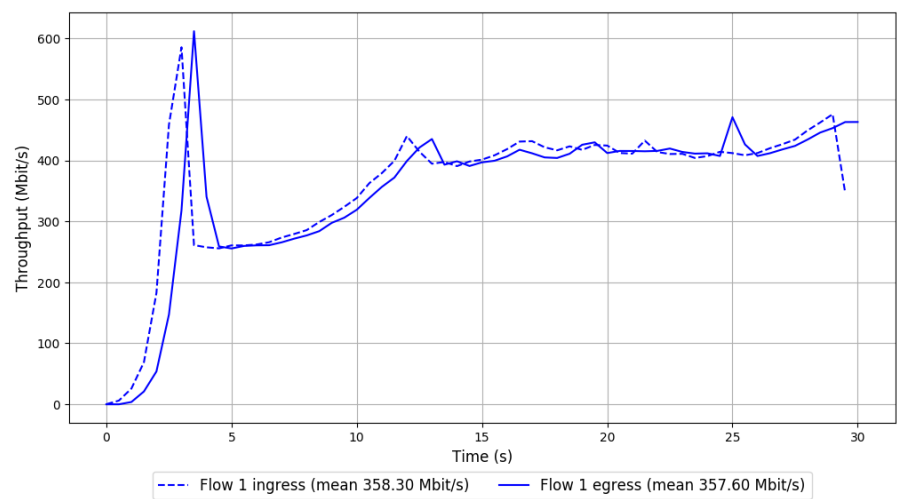
-- Flow 1:

Average throughput: 357.60 Mbit/s

95th percentile per-packet one-way delay: 208.911 ms

Loss rate: 0.19%

Run 3: Report of PCC-Allegro — Data Link

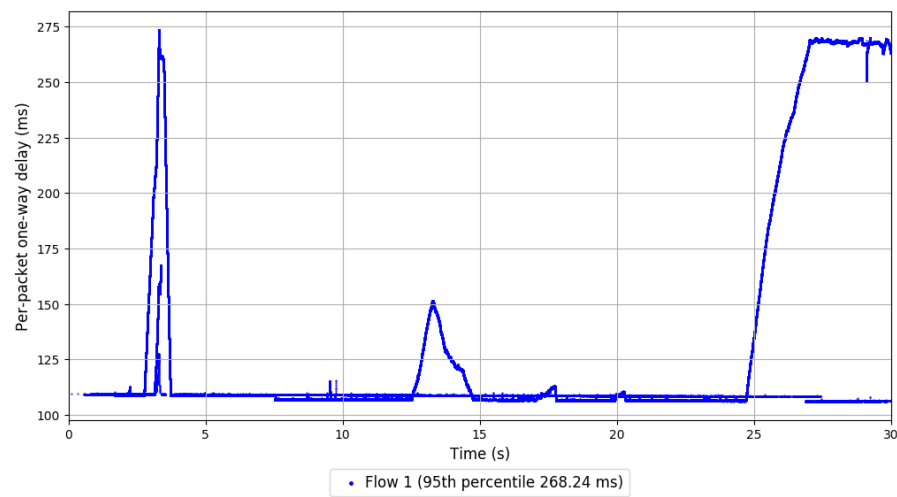
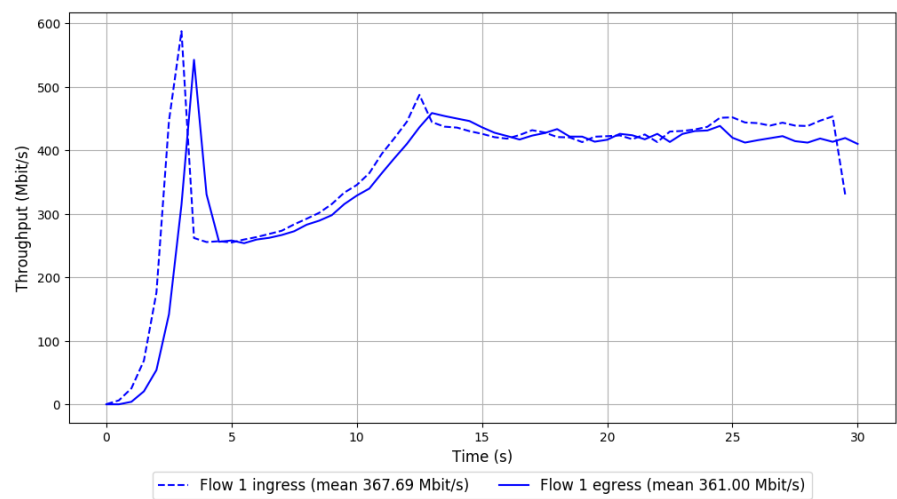


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-03 10:34:51
End at: 2018-07-03 10:35:21
Local clock offset: 44.295 ms
Remote clock offset: -50.15 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 361.00 Mbit/s
95th percentile per-packet one-way delay: 268.240 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 361.00 Mbit/s
95th percentile per-packet one-way delay: 268.240 ms
Loss rate: 1.83%

Run 4: Report of PCC-Allegro — Data Link

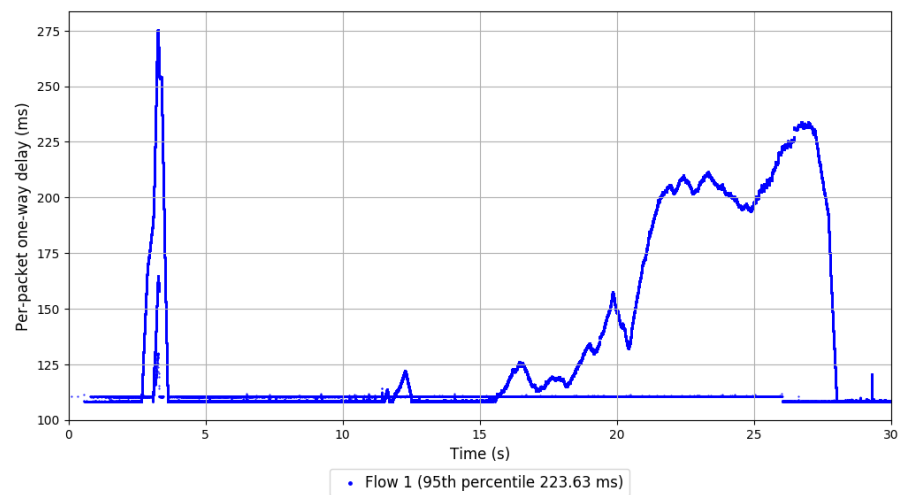
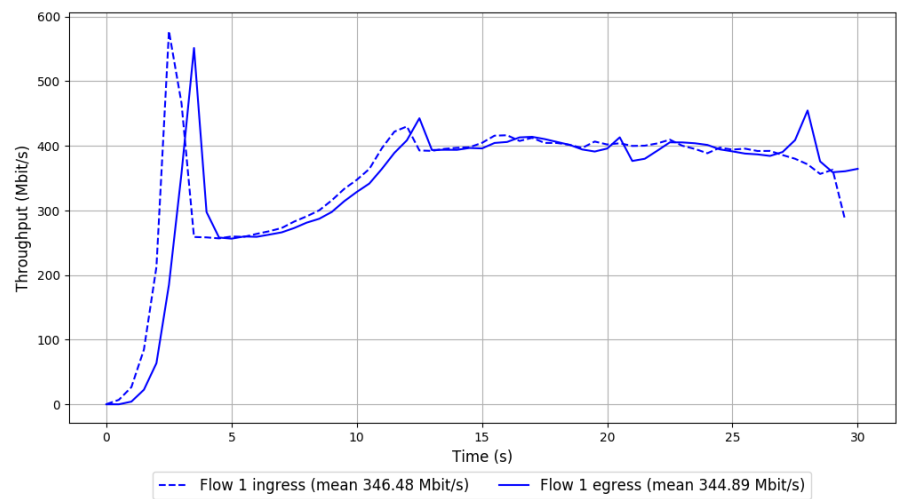


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-03 10:57:13
End at: 2018-07-03 10:57:43
Local clock offset: 16.002 ms
Remote clock offset: -20.408 ms

Below is generated by plot.py at 2018-07-03 13:49:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 344.89 Mbit/s
95th percentile per-packet one-way delay: 223.627 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 344.89 Mbit/s
95th percentile per-packet one-way delay: 223.627 ms
Loss rate: 0.47%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-03 11:19:23

End at: 2018-07-03 11:19:53

Local clock offset: 7.296 ms

Remote clock offset: -12.079 ms

Below is generated by plot.py at 2018-07-03 13:50:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 350.15 Mbit/s

95th percentile per-packet one-way delay: 256.337 ms

Loss rate: 0.18%

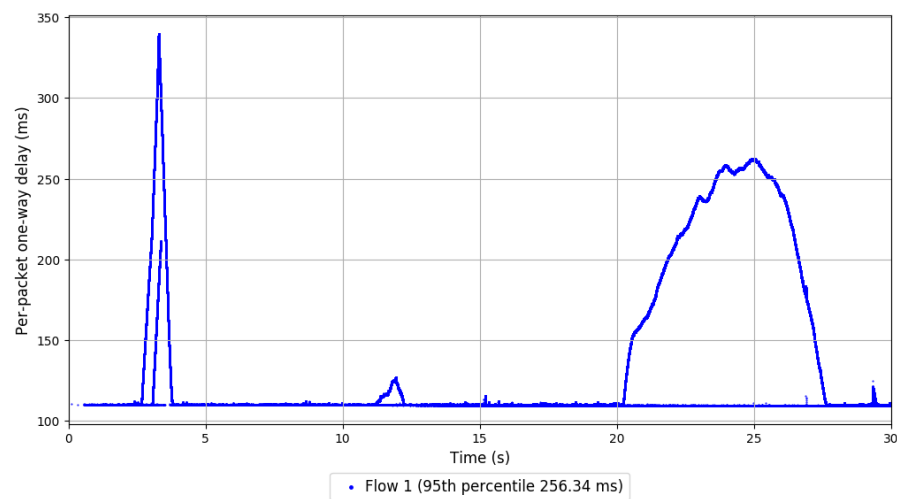
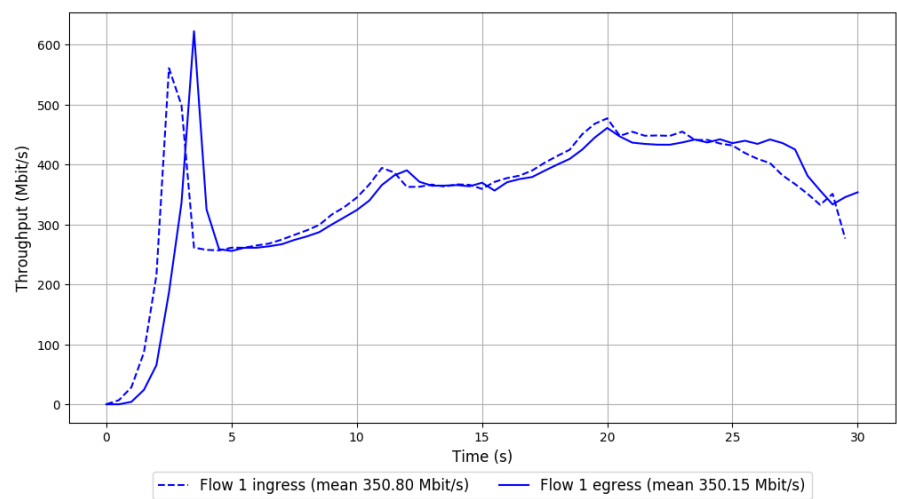
-- Flow 1:

Average throughput: 350.15 Mbit/s

95th percentile per-packet one-way delay: 256.337 ms

Loss rate: 0.18%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-07-03 11:41:46

End at: 2018-07-03 11:42:16

Local clock offset: 5.961 ms

Remote clock offset: -6.097 ms

Below is generated by plot.py at 2018-07-03 13:50:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 375.89 Mbit/s

95th percentile per-packet one-way delay: 259.034 ms

Loss rate: 1.11%

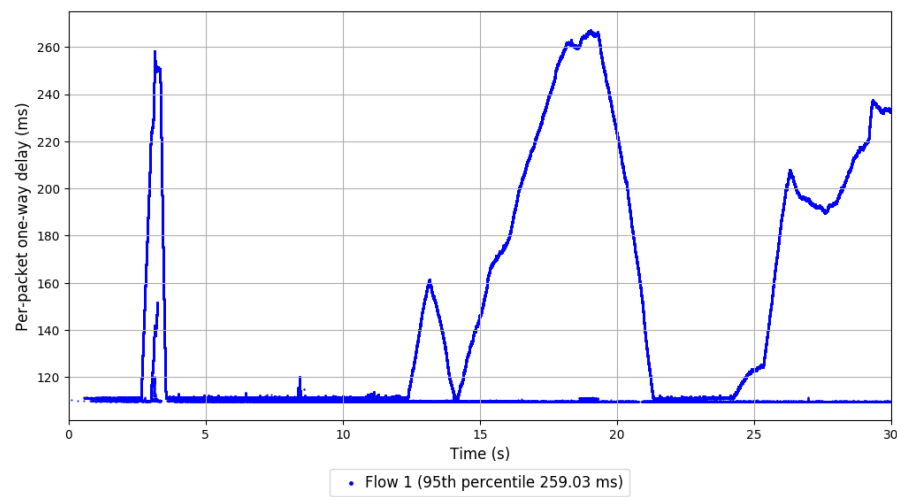
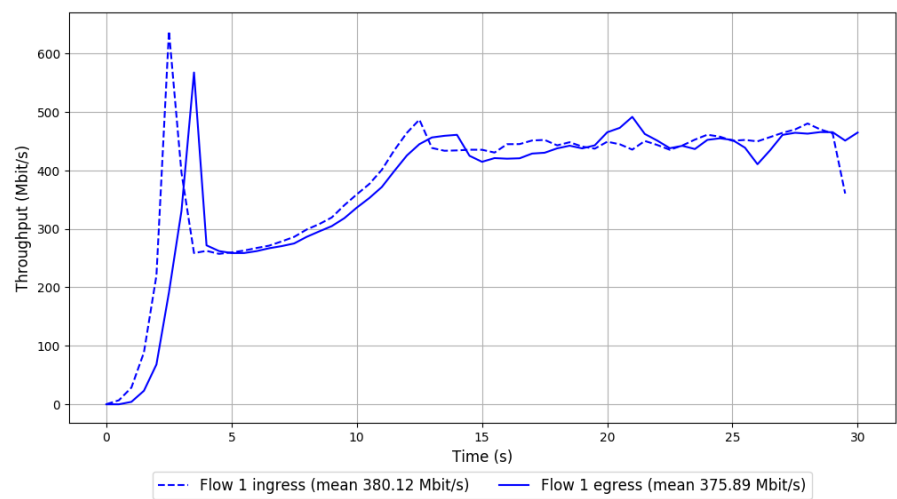
-- Flow 1:

Average throughput: 375.89 Mbit/s

95th percentile per-packet one-way delay: 259.034 ms

Loss rate: 1.11%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-03 12:04:16

End at: 2018-07-03 12:04:46

Local clock offset: 1.481 ms

Remote clock offset: -2.209 ms

Below is generated by plot.py at 2018-07-03 13:53:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 345.40 Mbit/s

95th percentile per-packet one-way delay: 161.490 ms

Loss rate: 0.43%

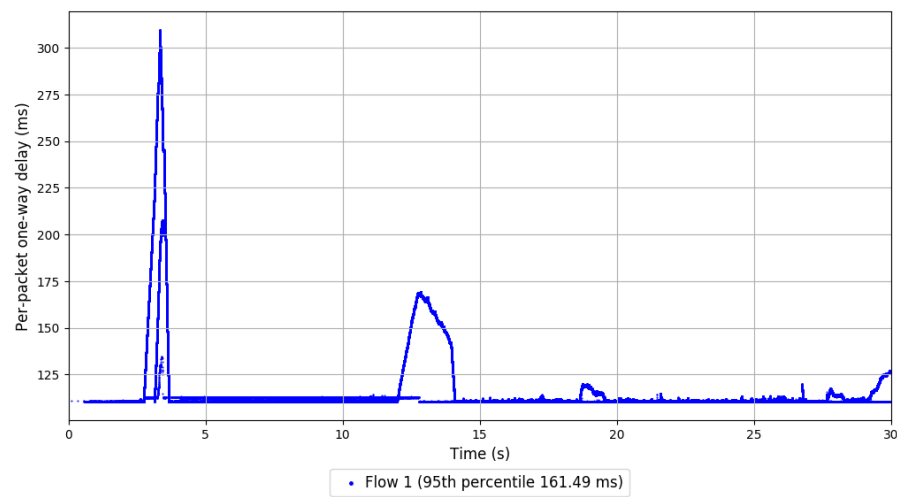
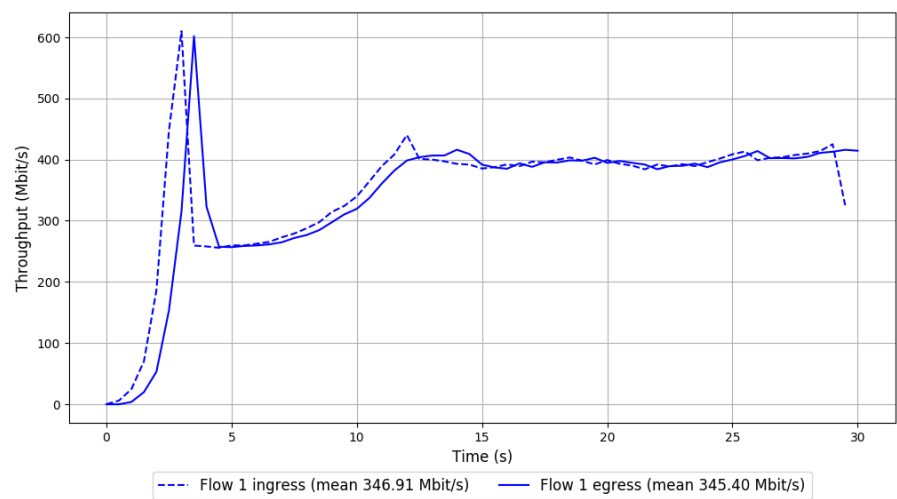
-- Flow 1:

Average throughput: 345.40 Mbit/s

95th percentile per-packet one-way delay: 161.490 ms

Loss rate: 0.43%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-07-03 12:26:15

End at: 2018-07-03 12:26:45

Local clock offset: 1.233 ms

Remote clock offset: -1.466 ms

Below is generated by plot.py at 2018-07-03 13:53:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 345.90 Mbit/s

95th percentile per-packet one-way delay: 195.241 ms

Loss rate: 0.24%

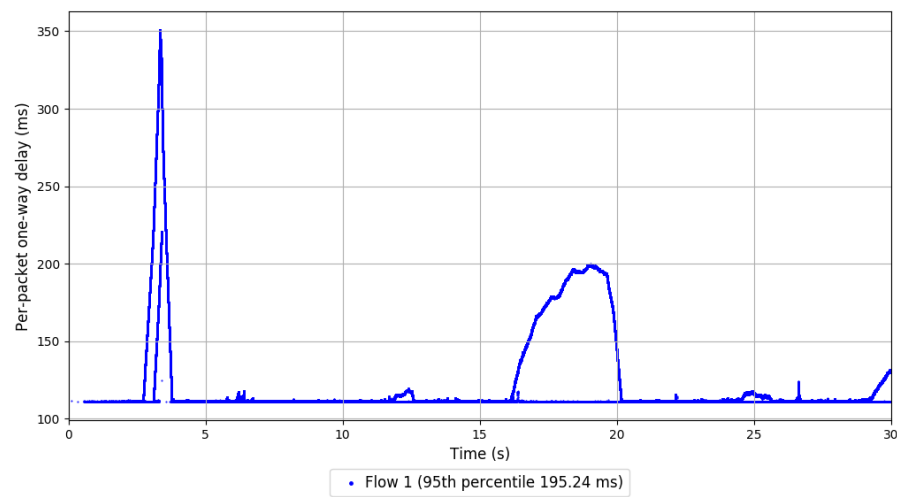
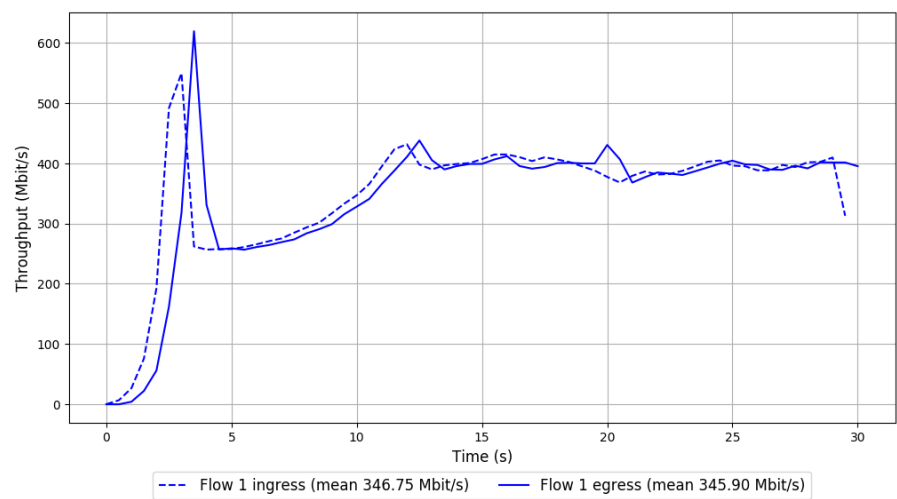
-- Flow 1:

Average throughput: 345.90 Mbit/s

95th percentile per-packet one-way delay: 195.241 ms

Loss rate: 0.24%

Run 9: Report of PCC-Allegro — Data Link

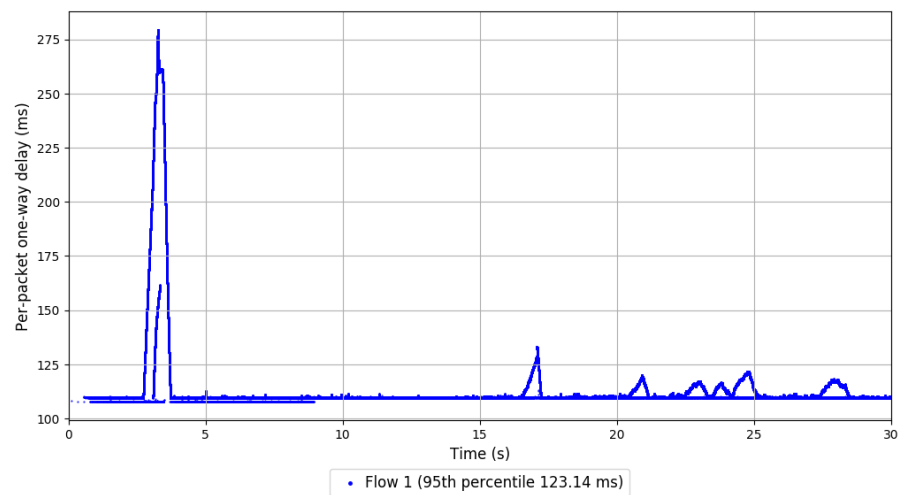
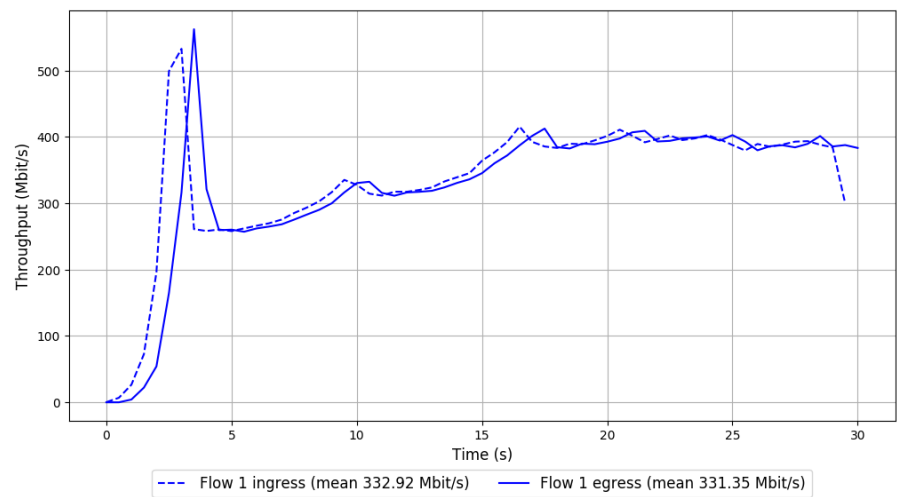


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-03 12:48:20
End at: 2018-07-03 12:48:50
Local clock offset: 2.88 ms
Remote clock offset: -1.216 ms

Below is generated by plot.py at 2018-07-03 13:53:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 331.35 Mbit/s
95th percentile per-packet one-way delay: 123.145 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 331.35 Mbit/s
95th percentile per-packet one-way delay: 123.145 ms
Loss rate: 0.47%

Run 10: Report of PCC-Allegro — Data Link

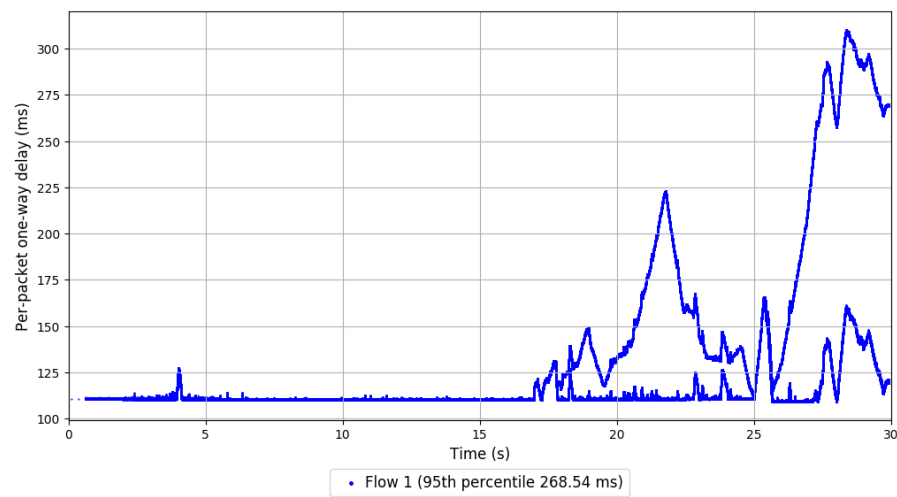
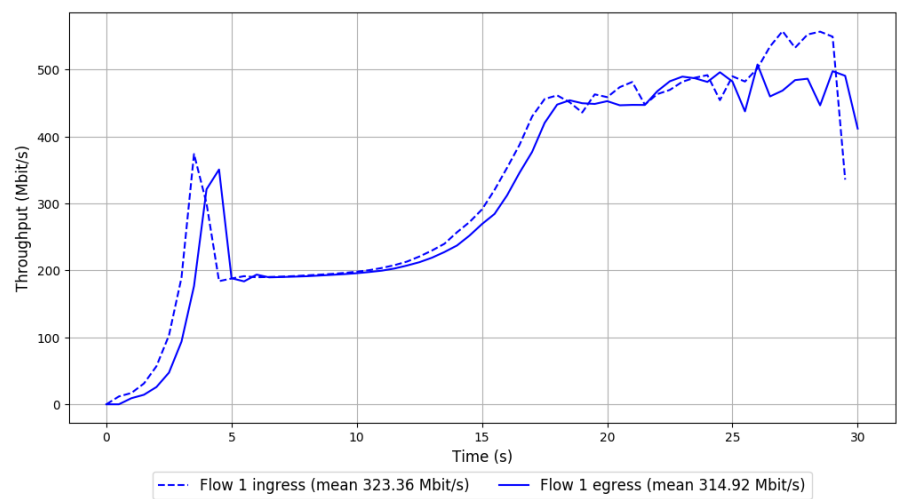


Run 1: Statistics of PCC-Expr

Start at: 2018-07-03 09:23:43
End at: 2018-07-03 09:24:13
Local clock offset: 31.942 ms
Remote clock offset: -25.429 ms

Below is generated by plot.py at 2018-07-03 13:58:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 314.92 Mbit/s
95th percentile per-packet one-way delay: 268.543 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 314.92 Mbit/s
95th percentile per-packet one-way delay: 268.543 ms
Loss rate: 2.61%

Run 1: Report of PCC-Expr — Data Link

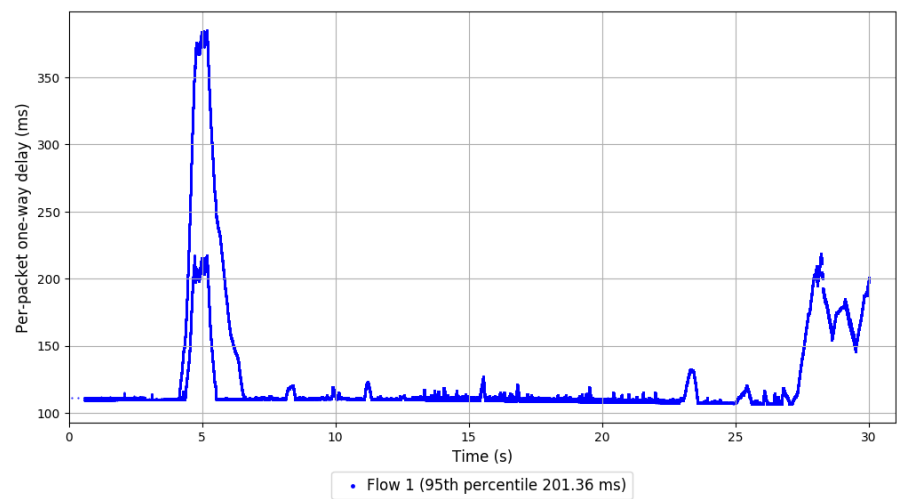
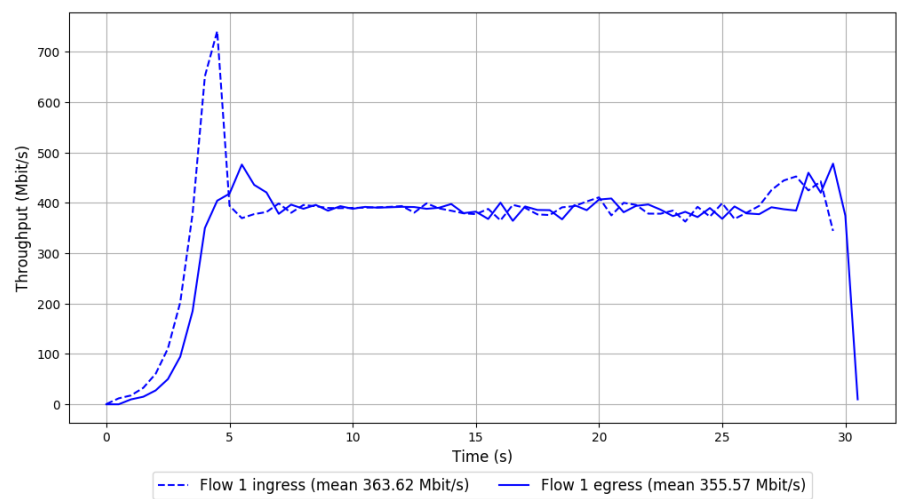


Run 2: Statistics of PCC-Expr

Start at: 2018-07-03 09:45:46
End at: 2018-07-03 09:46:16
Local clock offset: 22.725 ms
Remote clock offset: -72.32 ms

Below is generated by plot.py at 2018-07-03 13:59:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 355.57 Mbit/s
95th percentile per-packet one-way delay: 201.364 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 355.57 Mbit/s
95th percentile per-packet one-way delay: 201.364 ms
Loss rate: 2.23%

Run 2: Report of PCC-Expr — Data Link

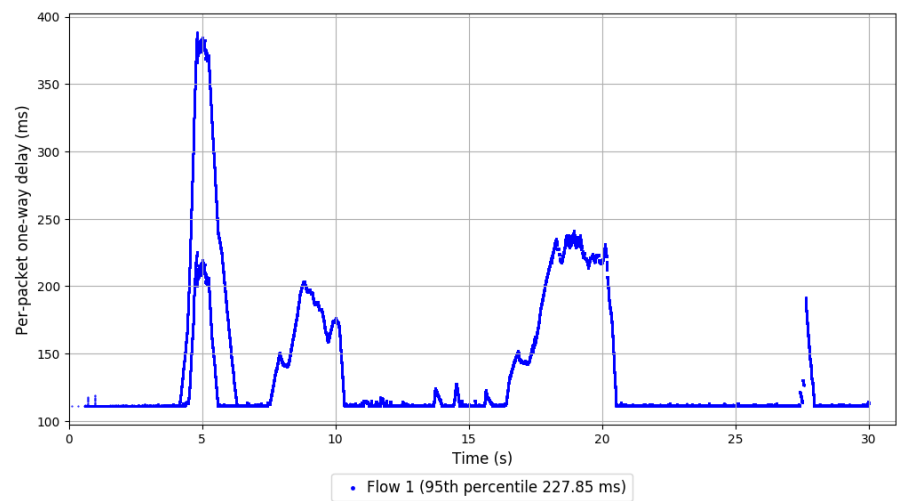
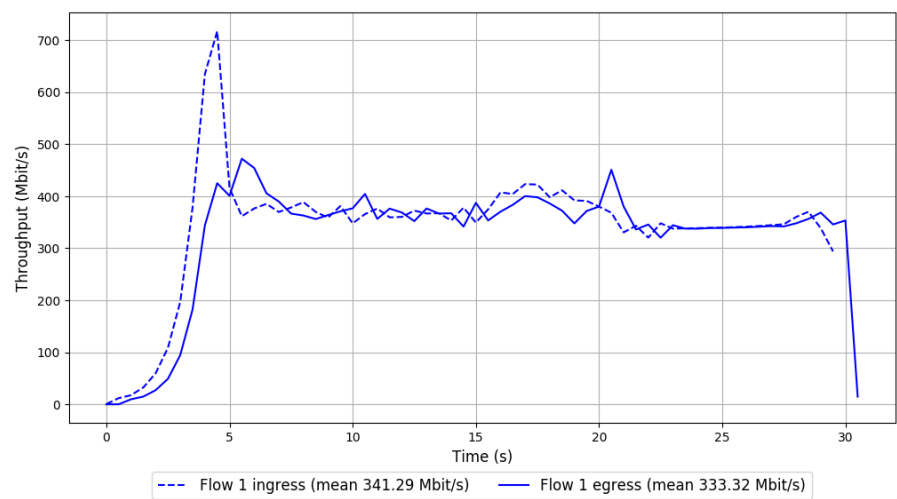


Run 3: Statistics of PCC-Expr

Start at: 2018-07-03 10:08:01
End at: 2018-07-03 10:08:31
Local clock offset: 32.793 ms
Remote clock offset: -28.399 ms

Below is generated by plot.py at 2018-07-03 13:59:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 333.32 Mbit/s
95th percentile per-packet one-way delay: 227.849 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 333.32 Mbit/s
95th percentile per-packet one-way delay: 227.849 ms
Loss rate: 2.33%

Run 3: Report of PCC-Expr — Data Link

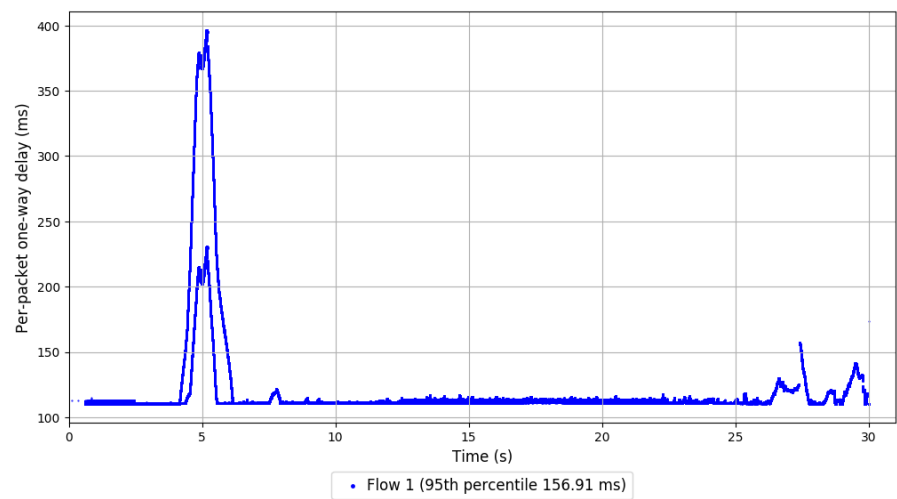
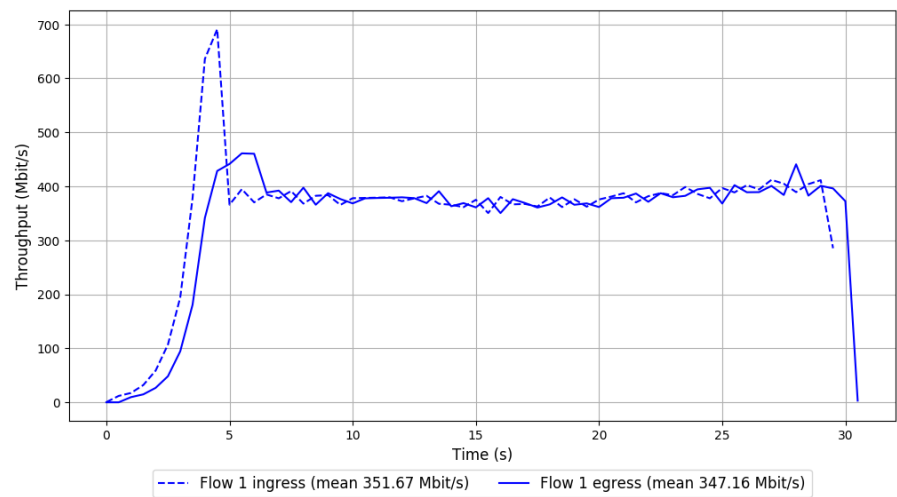


Run 4: Statistics of PCC-Expr

Start at: 2018-07-03 10:30:26
End at: 2018-07-03 10:30:56
Local clock offset: 64.259 ms
Remote clock offset: -43.695 ms

Below is generated by plot.py at 2018-07-03 14:00:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 347.16 Mbit/s
95th percentile per-packet one-way delay: 156.912 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 347.16 Mbit/s
95th percentile per-packet one-way delay: 156.912 ms
Loss rate: 1.39%

Run 4: Report of PCC-Expr — Data Link

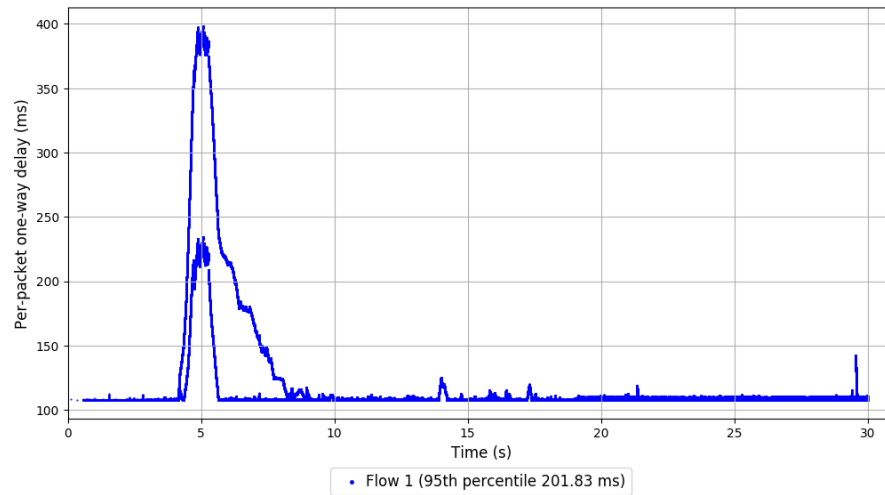
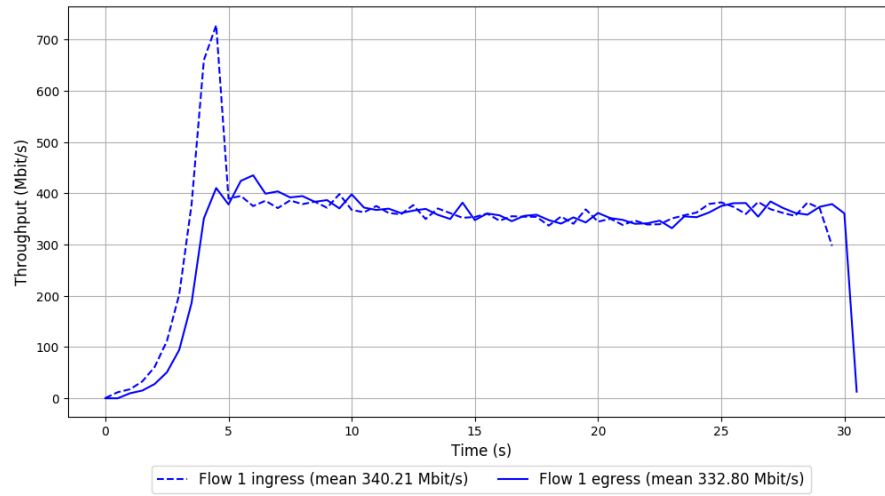


Run 5: Statistics of PCC-Expr

Start at: 2018-07-03 10:52:50
End at: 2018-07-03 10:53:20
Local clock offset: 16.233 ms
Remote clock offset: -20.58 ms

Below is generated by plot.py at 2018-07-03 14:00:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 332.80 Mbit/s
95th percentile per-packet one-way delay: 201.831 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 332.80 Mbit/s
95th percentile per-packet one-way delay: 201.831 ms
Loss rate: 2.17%

Run 5: Report of PCC-Expr — Data Link

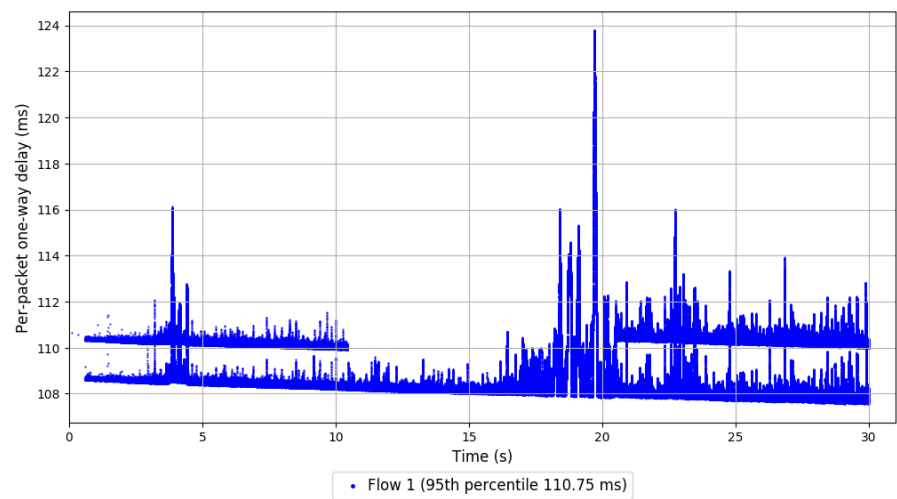
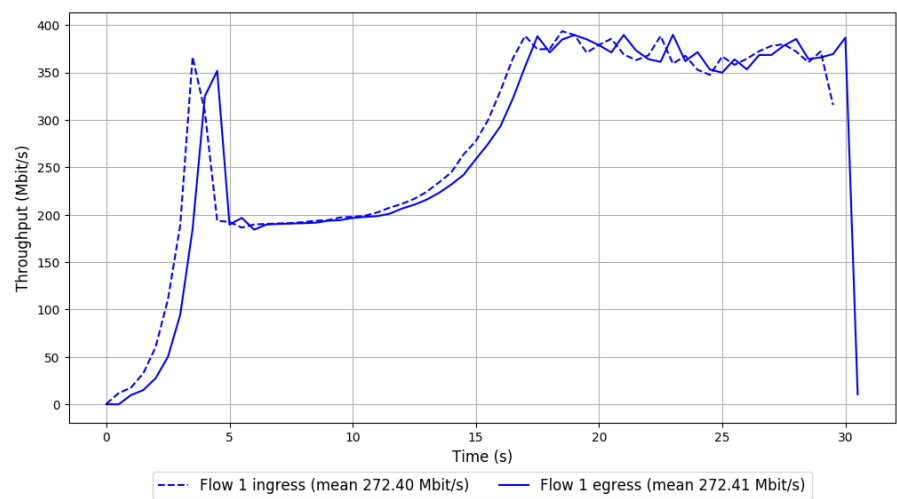


Run 6: Statistics of PCC-Expr

Start at: 2018-07-03 11:15:08
End at: 2018-07-03 11:15:38
Local clock offset: 7.225 ms
Remote clock offset: -18.411 ms

Below is generated by plot.py at 2018-07-03 14:02:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 272.41 Mbit/s
95th percentile per-packet one-way delay: 110.750 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 272.41 Mbit/s
95th percentile per-packet one-way delay: 110.750 ms
Loss rate: 0.00%

Run 6: Report of PCC-Expr — Data Link

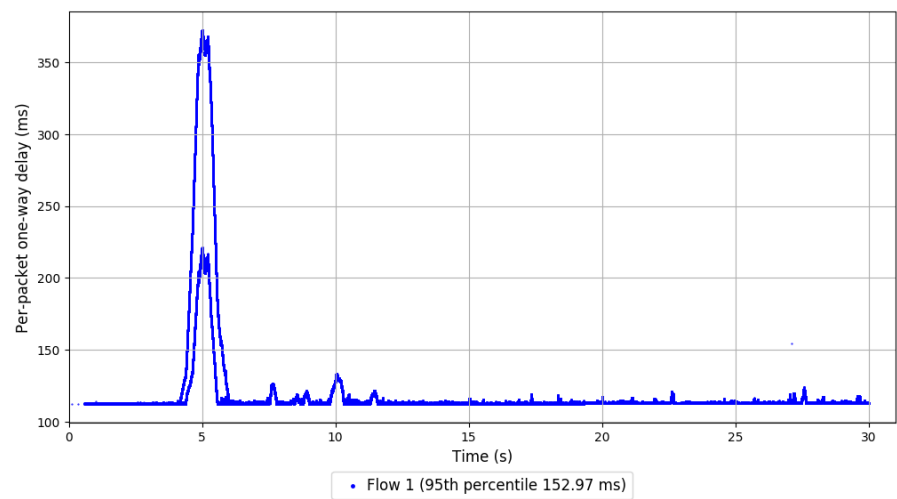
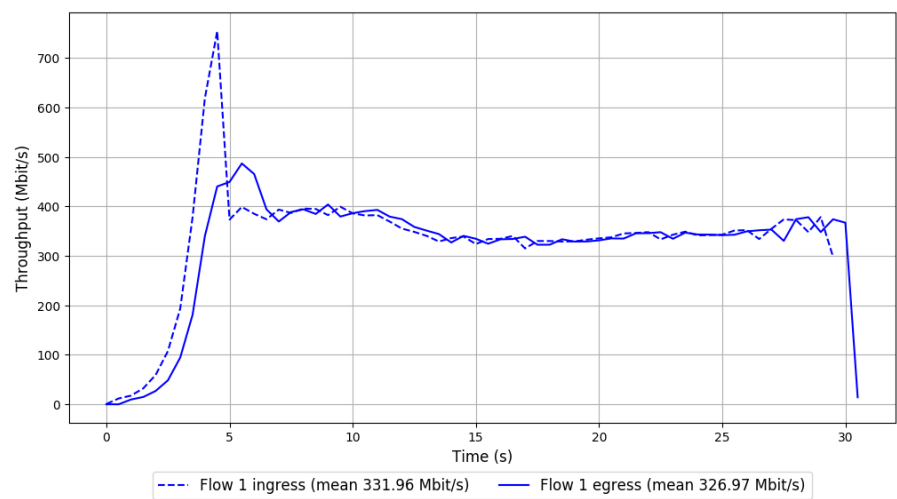


Run 7: Statistics of PCC-Expr

Start at: 2018-07-03 11:37:20
End at: 2018-07-03 11:37:50
Local clock offset: 5.83 ms
Remote clock offset: -5.836 ms

Below is generated by plot.py at 2018-07-03 14:04:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 326.97 Mbit/s
95th percentile per-packet one-way delay: 152.975 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 326.97 Mbit/s
95th percentile per-packet one-way delay: 152.975 ms
Loss rate: 1.50%

Run 7: Report of PCC-Expr — Data Link

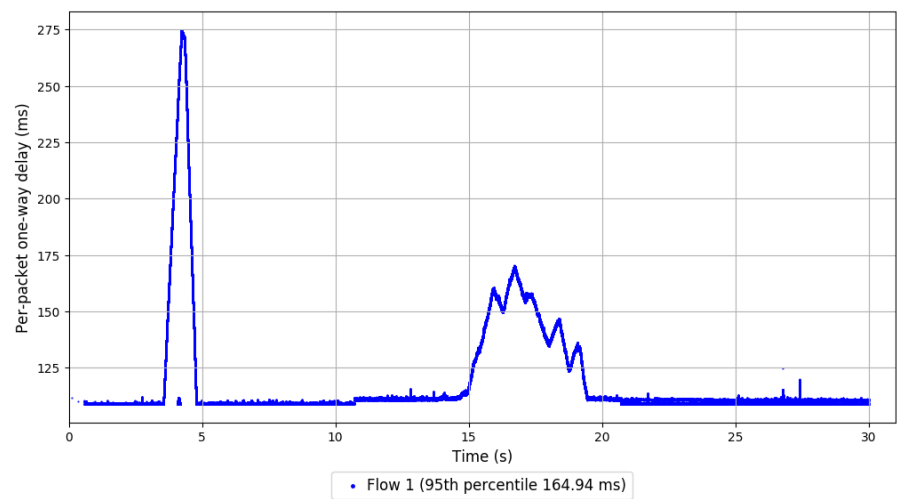
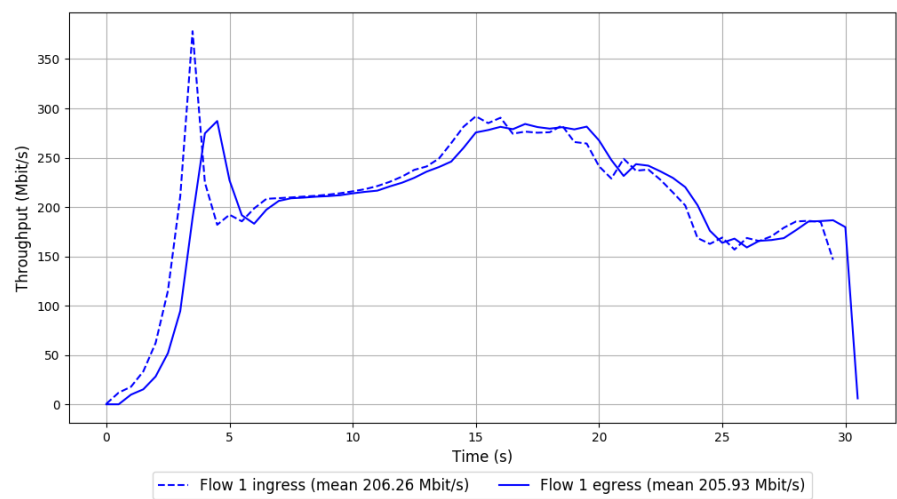


Run 8: Statistics of PCC-Expr

Start at: 2018-07-03 11:59:58
End at: 2018-07-03 12:00:28
Local clock offset: 2.816 ms
Remote clock offset: -2.284 ms

Below is generated by plot.py at 2018-07-03 14:04:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 205.93 Mbit/s
95th percentile per-packet one-way delay: 164.939 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 205.93 Mbit/s
95th percentile per-packet one-way delay: 164.939 ms
Loss rate: 0.16%

Run 8: Report of PCC-Expr — Data Link

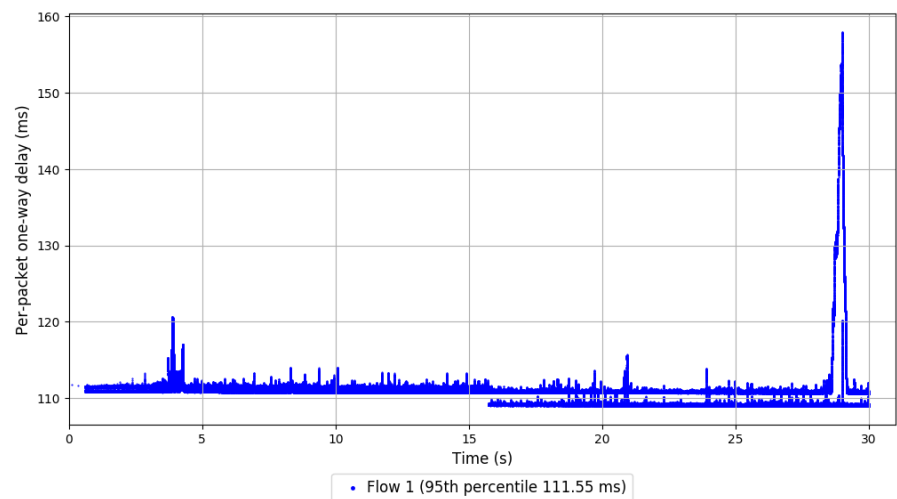
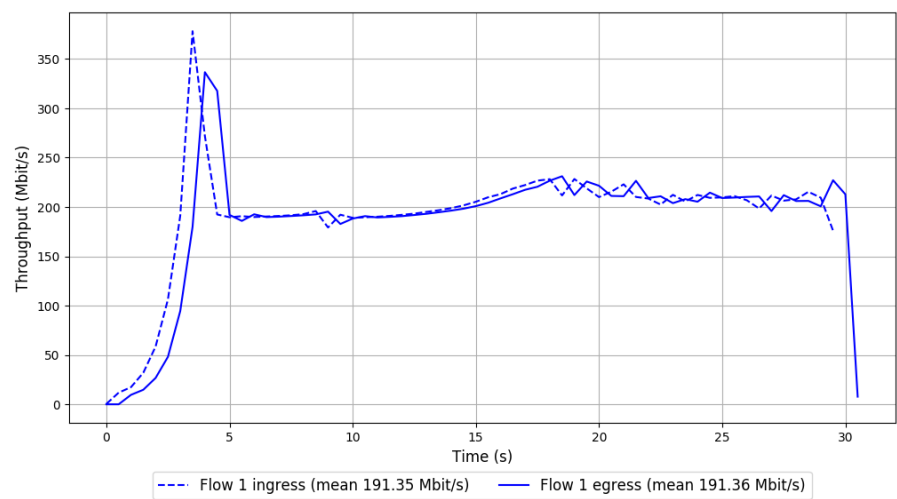


Run 9: Statistics of PCC-Expr

Start at: 2018-07-03 12:22:03
End at: 2018-07-03 12:22:33
Local clock offset: 1.636 ms
Remote clock offset: -2.175 ms

Below is generated by plot.py at 2018-07-03 14:04:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 191.36 Mbit/s
95th percentile per-packet one-way delay: 111.548 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 191.36 Mbit/s
95th percentile per-packet one-way delay: 111.548 ms
Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-07-03 12:44:09

End at: 2018-07-03 12:44:39

Local clock offset: 1.111 ms

Remote clock offset: -1.061 ms

Below is generated by plot.py at 2018-07-03 14:05:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 183.83 Mbit/s

95th percentile per-packet one-way delay: 111.491 ms

Loss rate: 0.00%

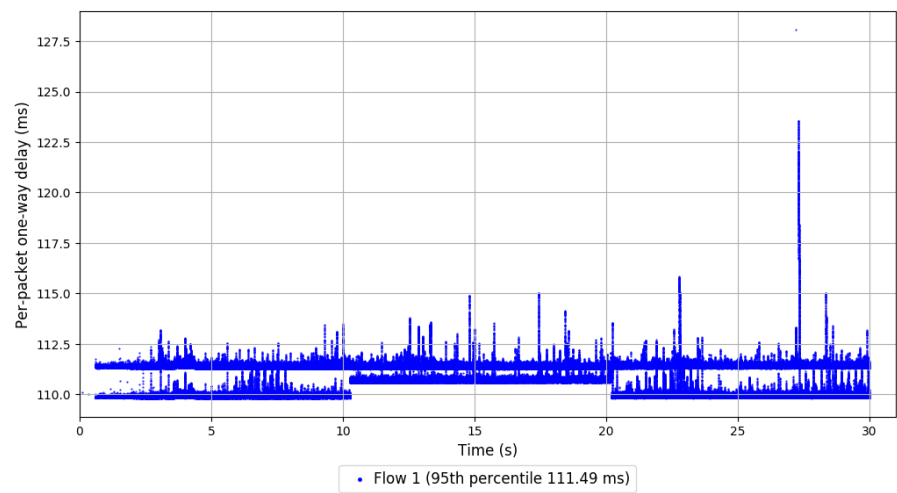
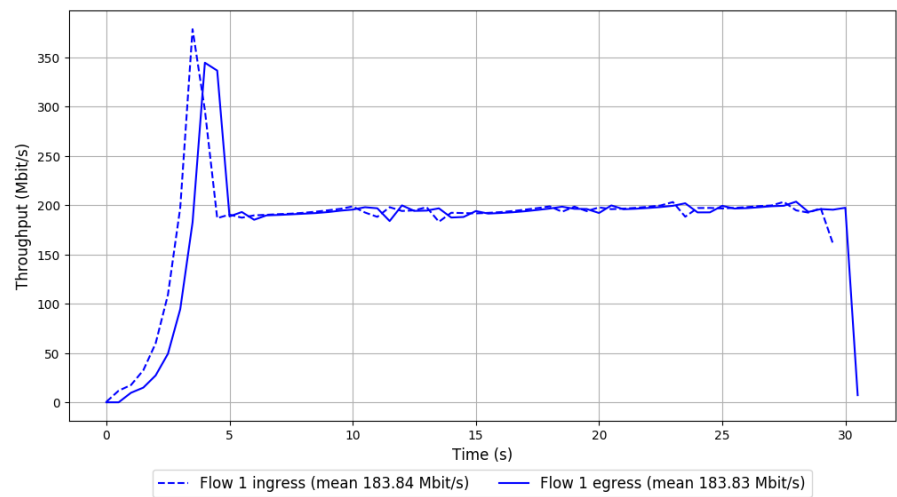
-- Flow 1:

Average throughput: 183.83 Mbit/s

95th percentile per-packet one-way delay: 111.491 ms

Loss rate: 0.00%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

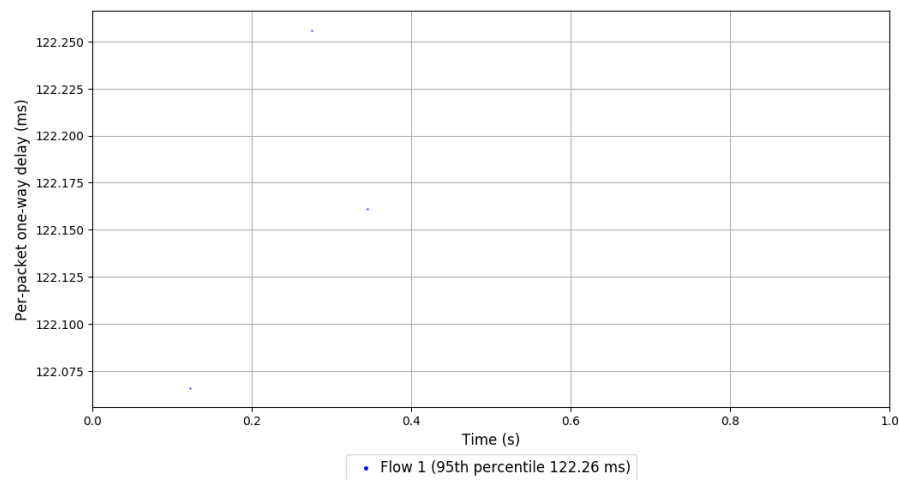
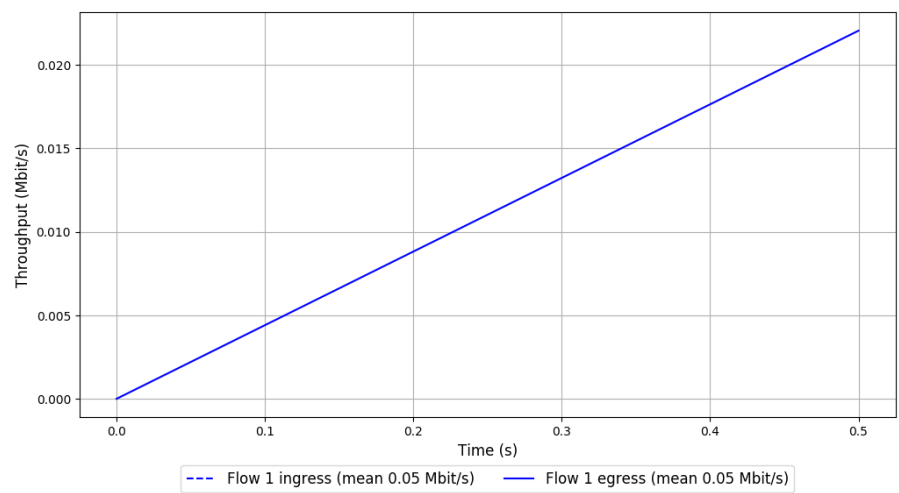
Start at: 2018-07-03 09:15:24

End at: 2018-07-03 09:15:54

Local clock offset: 31.162 ms

Remote clock offset: -14.811 ms

Run 1: Report of QUIC Cubic — Data Link

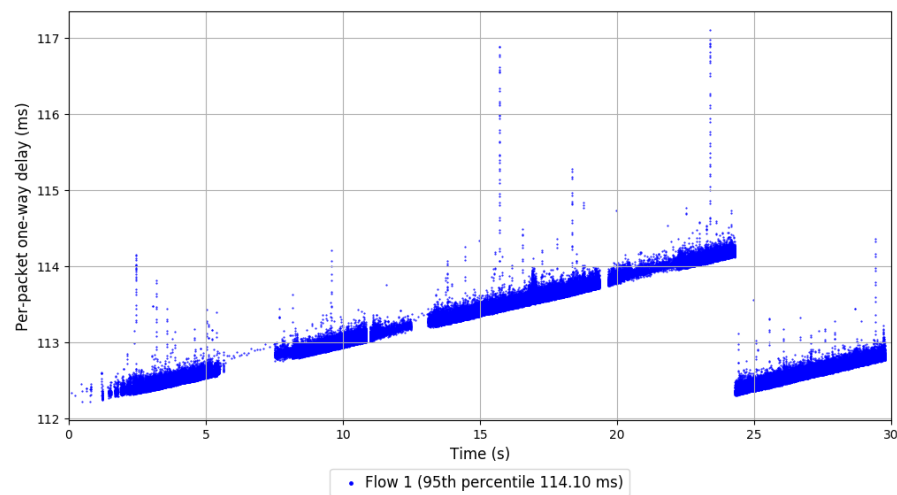
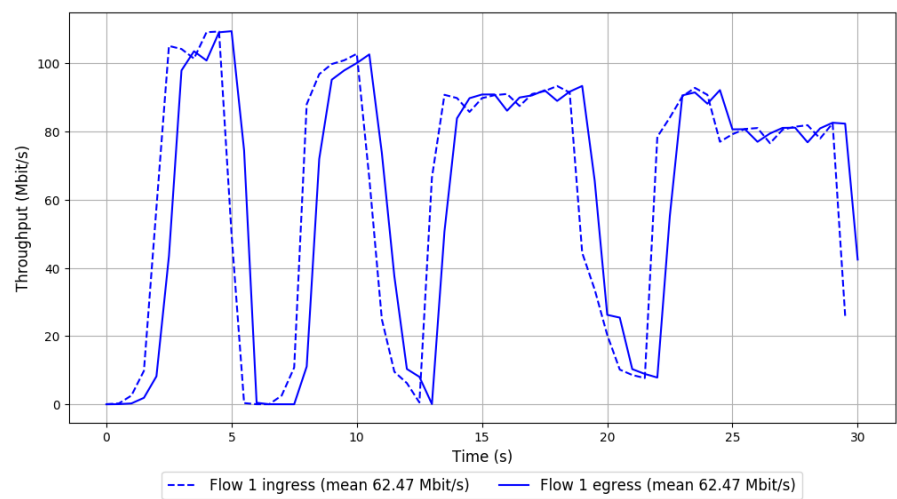


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-03 09:37:24
End at: 2018-07-03 09:37:54
Local clock offset: 24.123 ms
Remote clock offset: -42.698 ms

Below is generated by plot.py at 2018-07-03 14:05:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.47 Mbit/s
95th percentile per-packet one-way delay: 114.104 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.47 Mbit/s
95th percentile per-packet one-way delay: 114.104 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

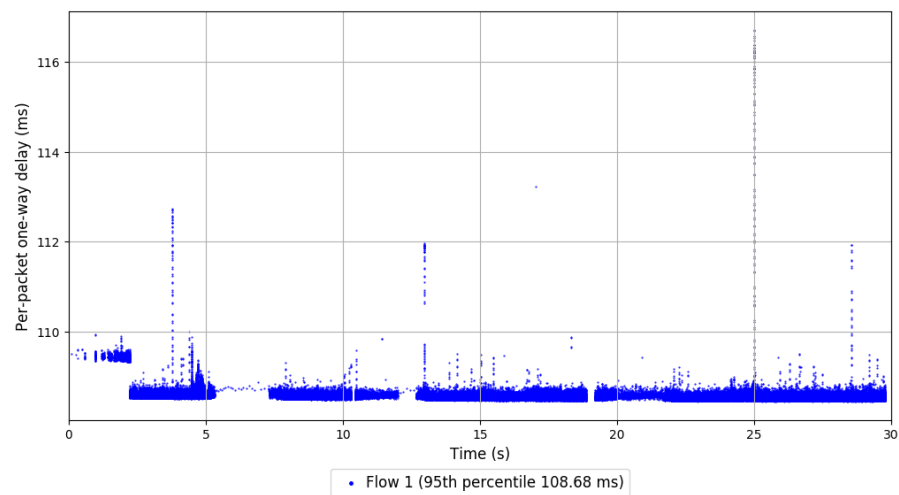
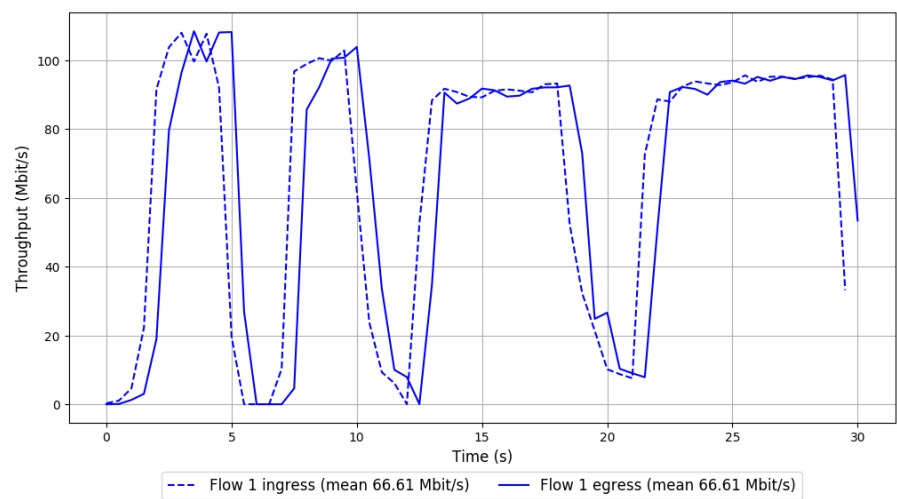


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-03 09:59:36
End at: 2018-07-03 10:00:06
Local clock offset: 38.311 ms
Remote clock offset: -31.471 ms

Below is generated by plot.py at 2018-07-03 14:05:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.61 Mbit/s
95th percentile per-packet one-way delay: 108.679 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.61 Mbit/s
95th percentile per-packet one-way delay: 108.679 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

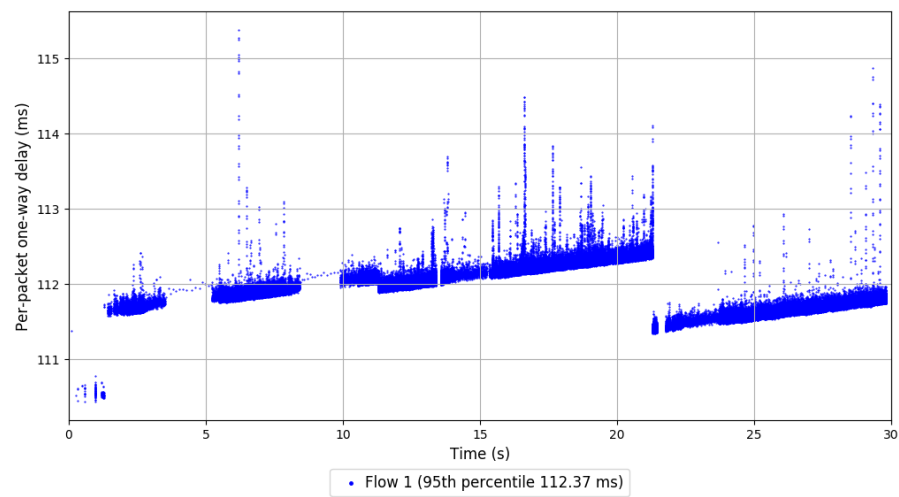
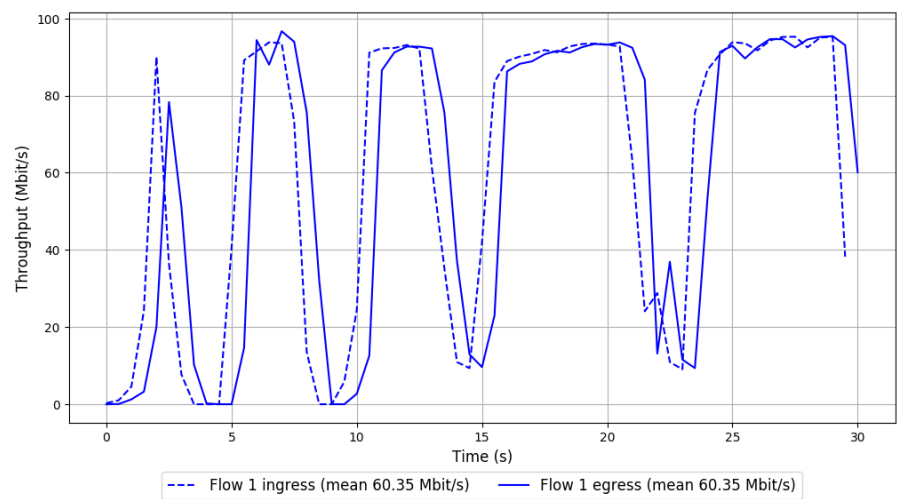


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-03 10:21:57
End at: 2018-07-03 10:22:27
Local clock offset: 49.371 ms
Remote clock offset: -33.247 ms

Below is generated by plot.py at 2018-07-03 14:05:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.35 Mbit/s
95th percentile per-packet one-way delay: 112.373 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.35 Mbit/s
95th percentile per-packet one-way delay: 112.373 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

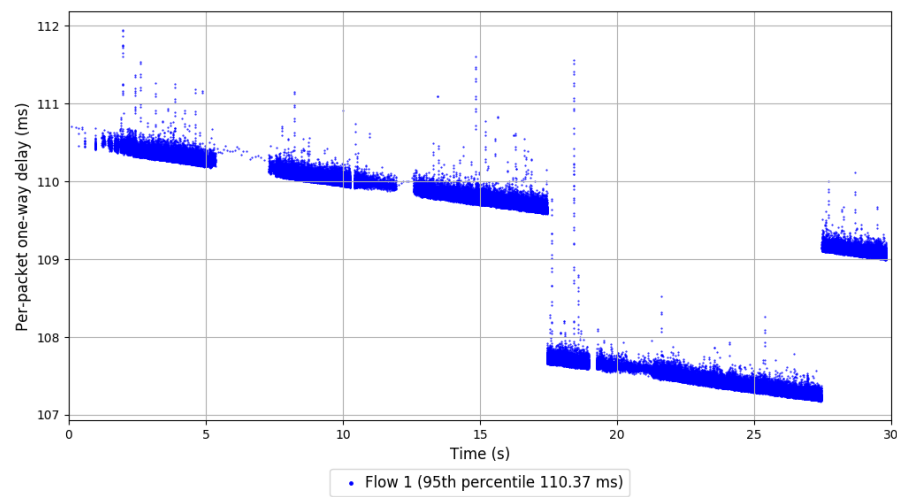
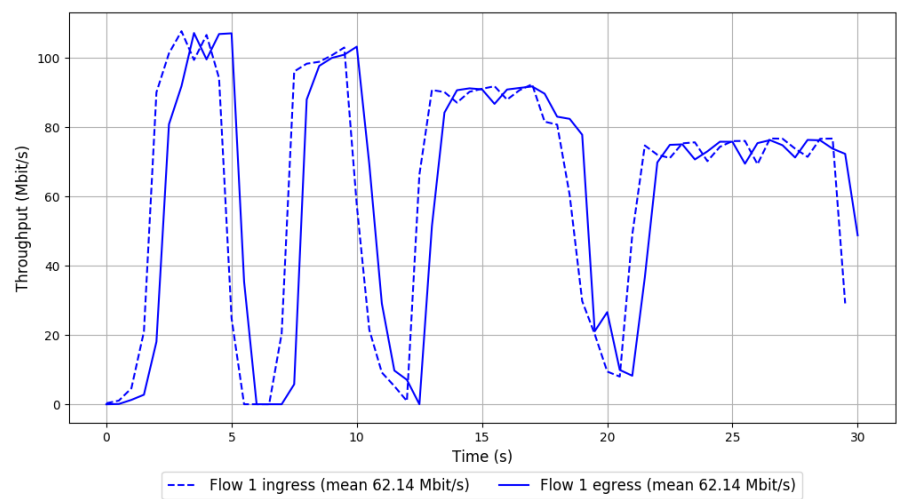


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-03 10:44:21
End at: 2018-07-03 10:44:51
Local clock offset: 20.048 ms
Remote clock offset: -28.659 ms

Below is generated by plot.py at 2018-07-03 14:05:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.14 Mbit/s
95th percentile per-packet one-way delay: 110.369 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 62.14 Mbit/s
95th percentile per-packet one-way delay: 110.369 ms
Loss rate: 0.01%

Run 5: Report of QUIC Cubic — Data Link

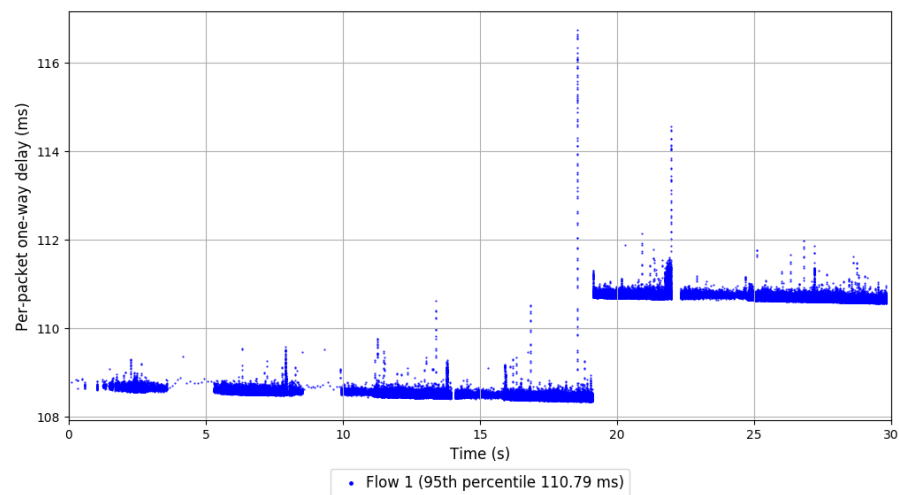
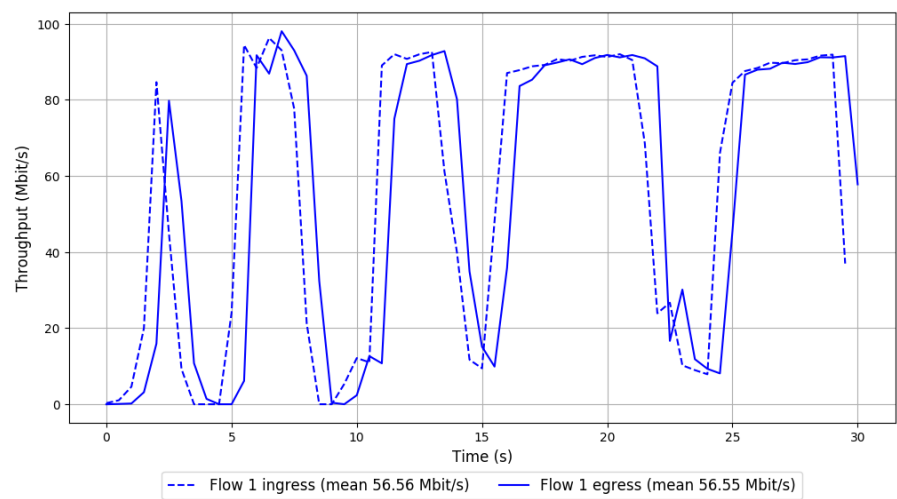


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-03 11:06:40
End at: 2018-07-03 11:07:10
Local clock offset: 14.618 ms
Remote clock offset: -24.218 ms

Below is generated by plot.py at 2018-07-03 14:05:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.55 Mbit/s
95th percentile per-packet one-way delay: 110.787 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.55 Mbit/s
95th percentile per-packet one-way delay: 110.787 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-07-03 11:28:55

End at: 2018-07-03 11:29:25

Local clock offset: 5.962 ms

Remote clock offset: -6.619 ms

Below is generated by plot.py at 2018-07-03 14:05:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.92 Mbit/s

95th percentile per-packet one-way delay: 111.533 ms

Loss rate: 0.00%

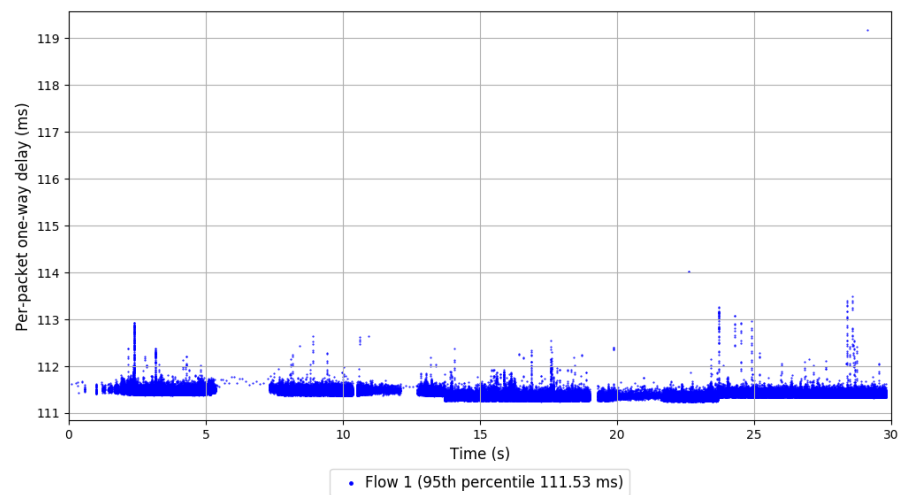
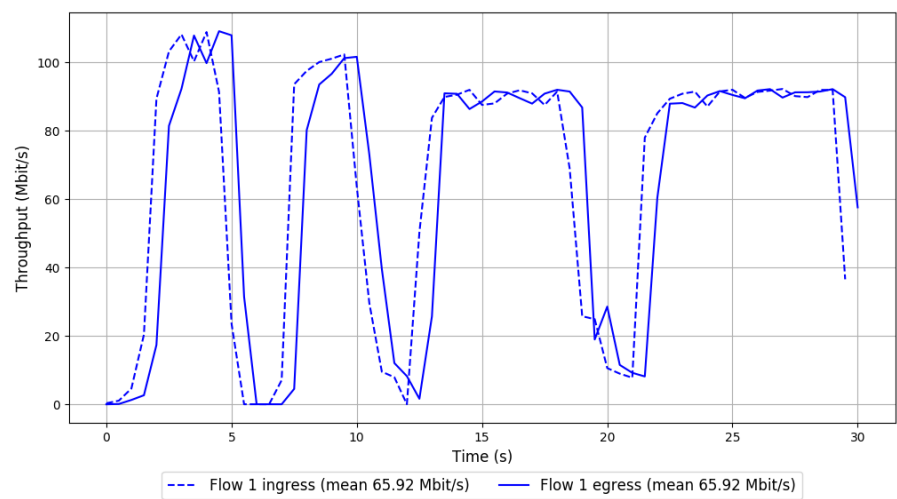
-- Flow 1:

Average throughput: 65.92 Mbit/s

95th percentile per-packet one-way delay: 111.533 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-07-03 11:51:33

End at: 2018-07-03 11:52:03

Local clock offset: 2.762 ms

Remote clock offset: -3.716 ms

Below is generated by plot.py at 2018-07-03 14:05:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.21 Mbit/s

95th percentile per-packet one-way delay: 111.526 ms

Loss rate: 0.00%

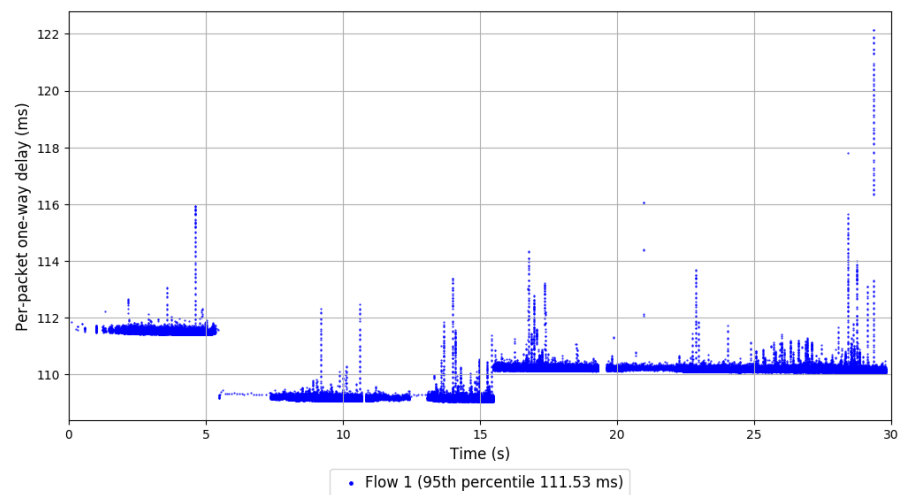
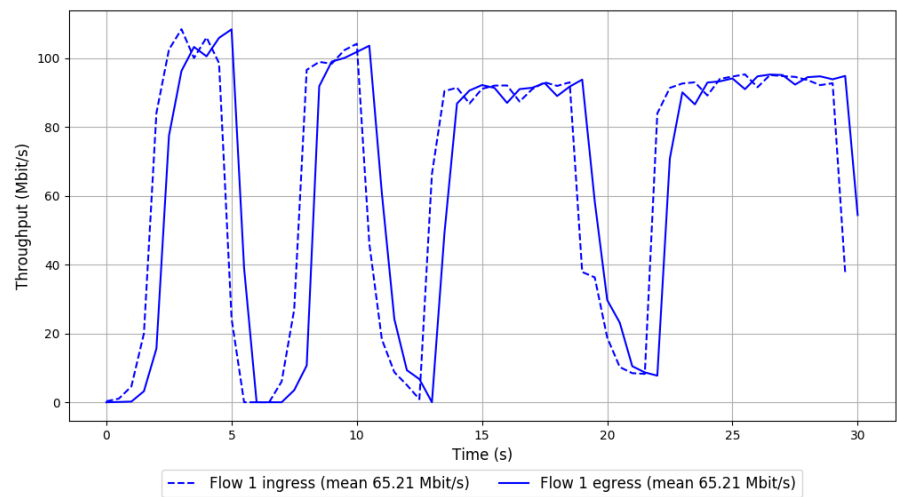
-- Flow 1:

Average throughput: 65.21 Mbit/s

95th percentile per-packet one-way delay: 111.526 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-07-03 12:13:42

End at: 2018-07-03 12:14:12

Local clock offset: 4.461 ms

Remote clock offset: -2.446 ms

Below is generated by plot.py at 2018-07-03 14:05:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.65 Mbit/s

95th percentile per-packet one-way delay: 109.637 ms

Loss rate: 0.00%

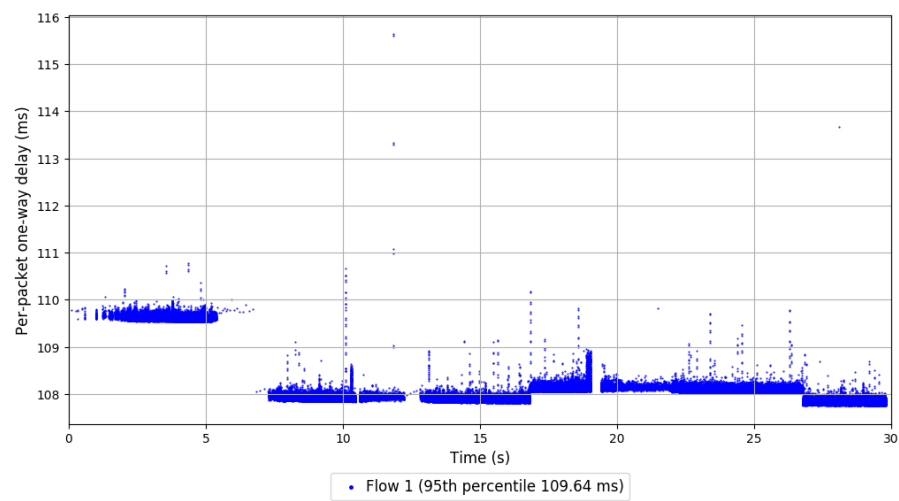
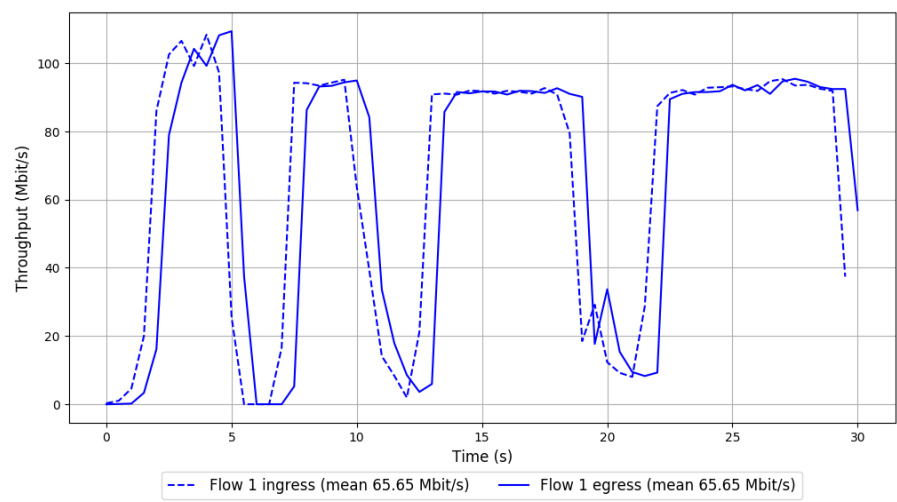
-- Flow 1:

Average throughput: 65.65 Mbit/s

95th percentile per-packet one-way delay: 109.637 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-07-03 12:35:44

End at: 2018-07-03 12:36:14

Local clock offset: 1.463 ms

Remote clock offset: -1.026 ms

Below is generated by plot.py at 2018-07-03 14:05:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.05 Mbit/s

95th percentile per-packet one-way delay: 111.485 ms

Loss rate: 0.00%

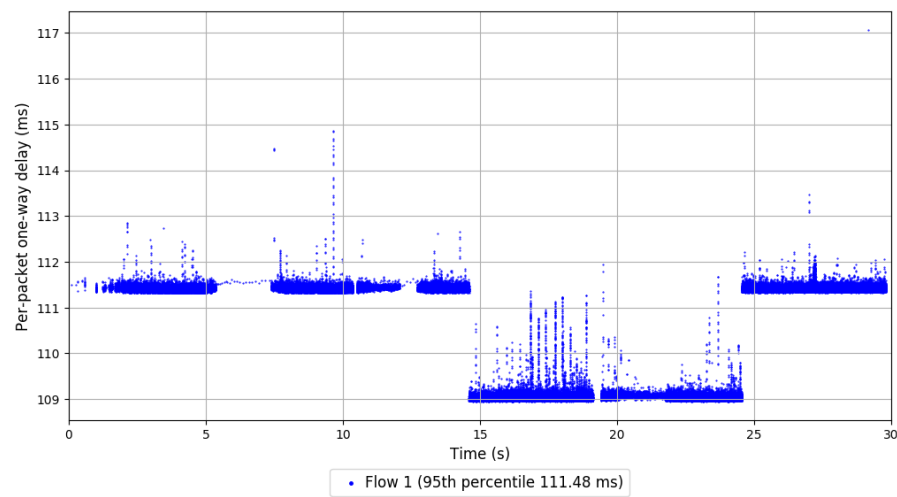
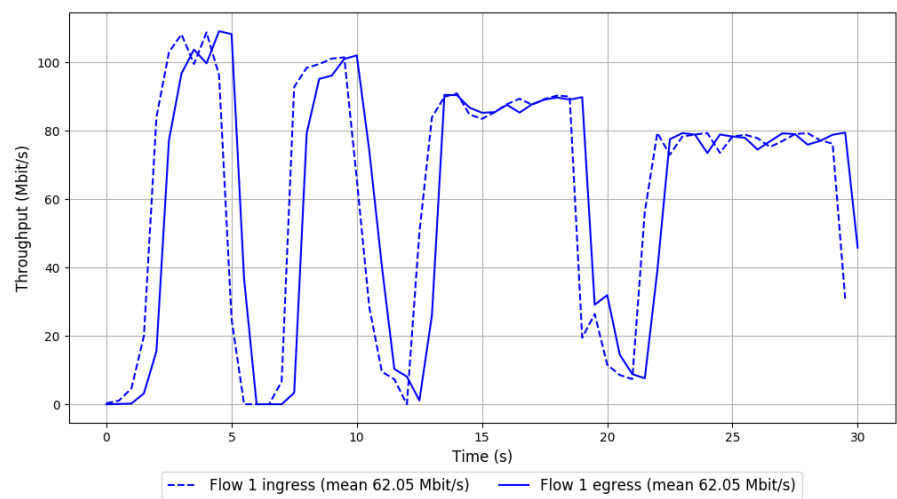
-- Flow 1:

Average throughput: 62.05 Mbit/s

95th percentile per-packet one-way delay: 111.485 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

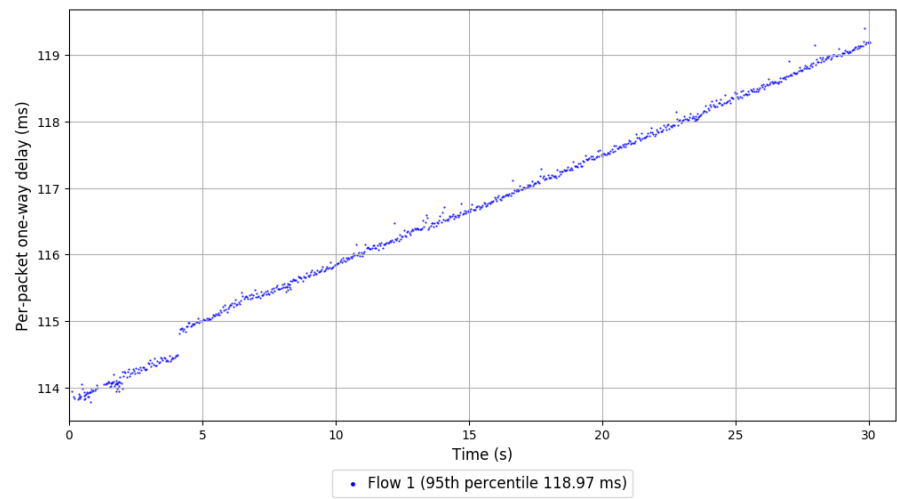
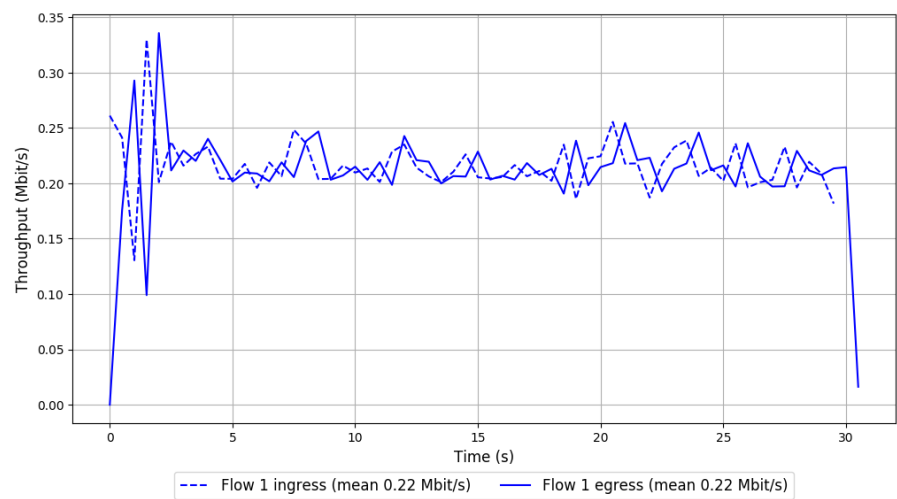


Run 1: Statistics of SCReAM

Start at: 2018-07-03 09:26:55
End at: 2018-07-03 09:27:25
Local clock offset: 33.696 ms
Remote clock offset: -37.752 ms

Below is generated by plot.py at 2018-07-03 14:05:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 118.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 118.965 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

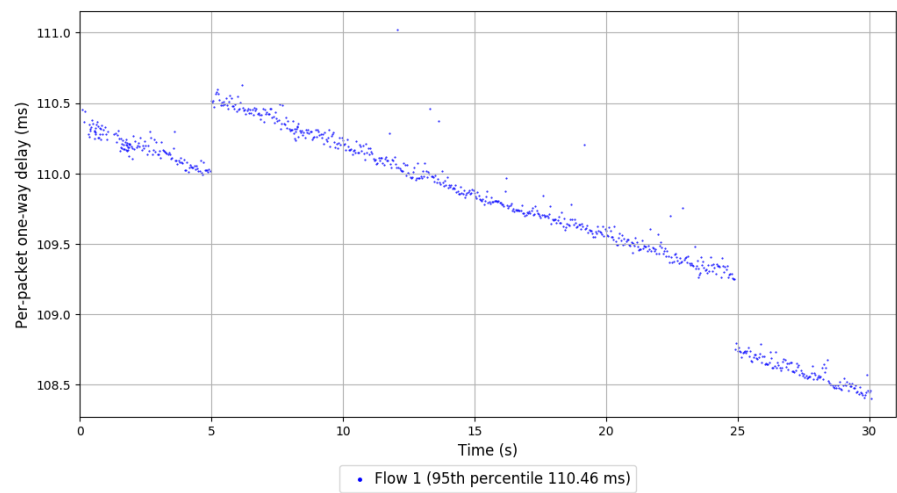
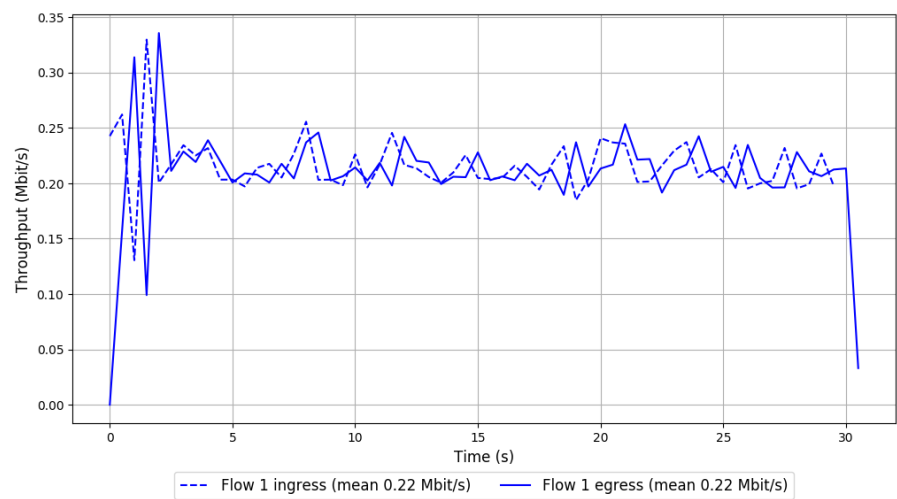


Run 2: Statistics of SCReAM

Start at: 2018-07-03 09:49:04
End at: 2018-07-03 09:49:34
Local clock offset: 27.106 ms
Remote clock offset: -42.63 ms

Below is generated by plot.py at 2018-07-03 14:05:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.456 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

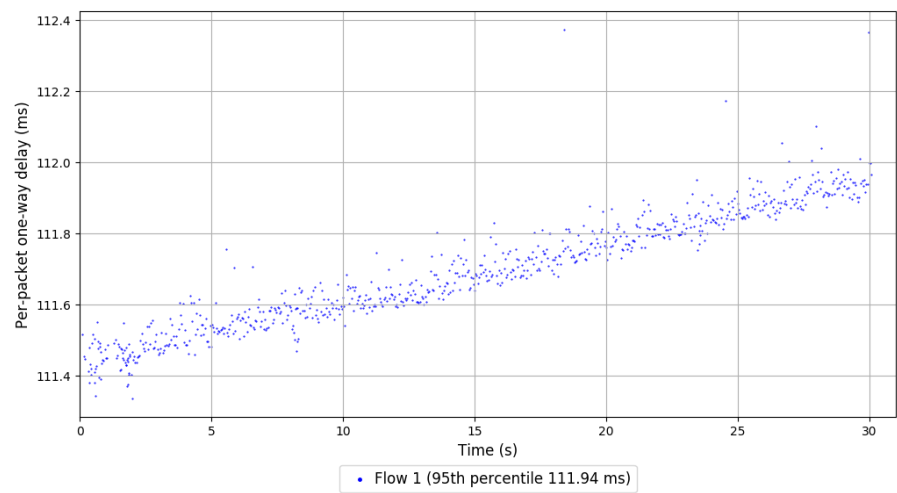
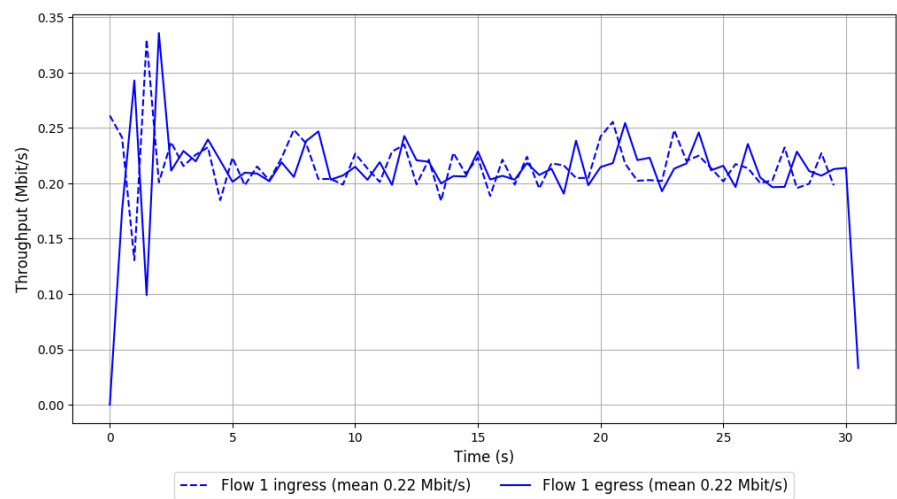


Run 3: Statistics of SCReAM

Start at: 2018-07-03 10:11:17
End at: 2018-07-03 10:11:47
Local clock offset: 35.187 ms
Remote clock offset: -26.901 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.939 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.939 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

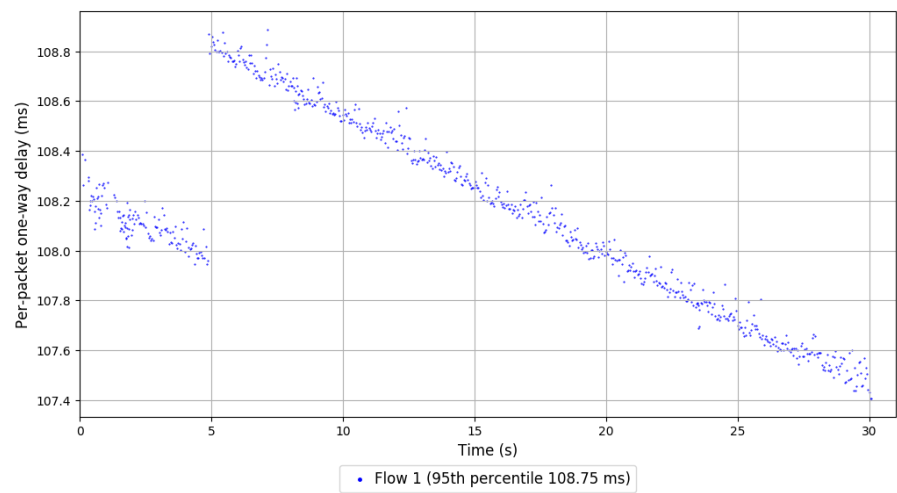
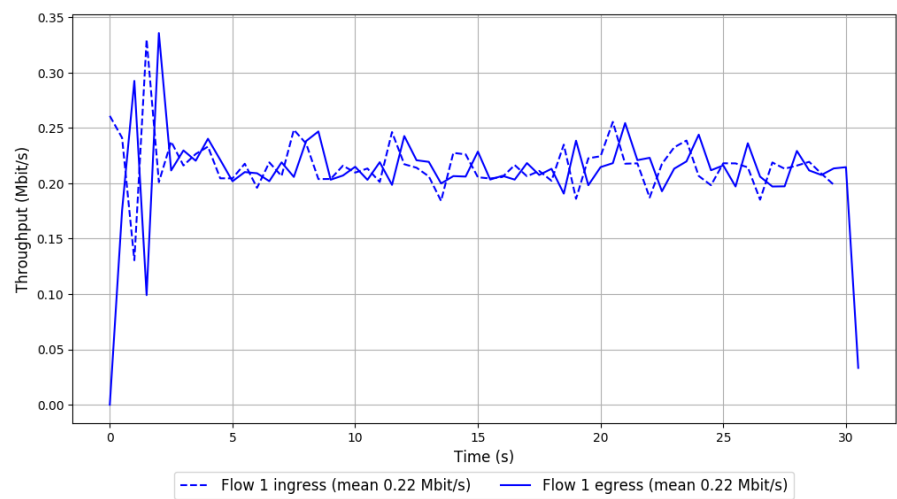


Run 4: Statistics of SCReAM

Start at: 2018-07-03 10:33:44
End at: 2018-07-03 10:34:14
Local clock offset: 48.957 ms
Remote clock offset: -48.488 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 108.752 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 108.752 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

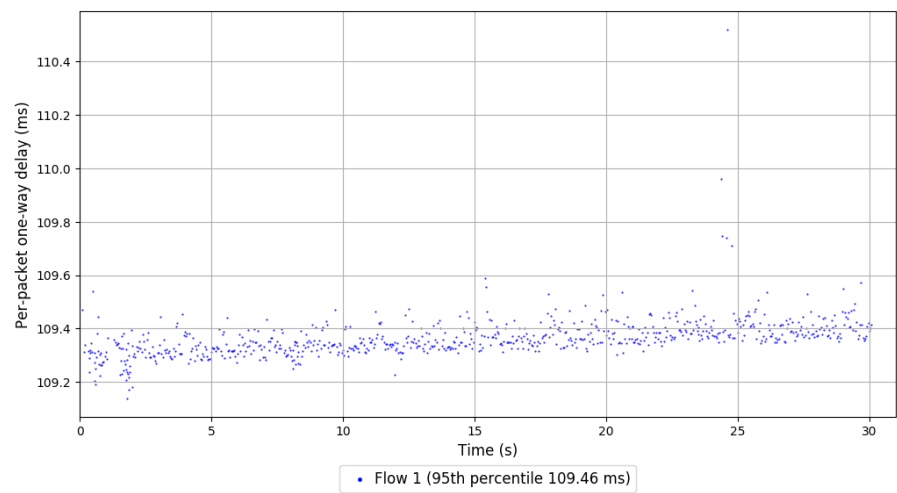
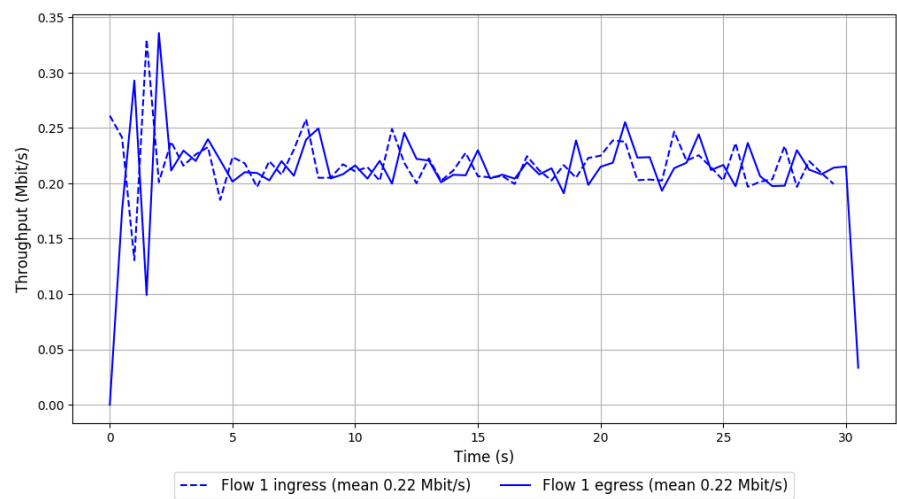


Run 5: Statistics of SCReAM

Start at: 2018-07-03 10:56:05
End at: 2018-07-03 10:56:36
Local clock offset: 14.893 ms
Remote clock offset: -20.298 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.461 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.461 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

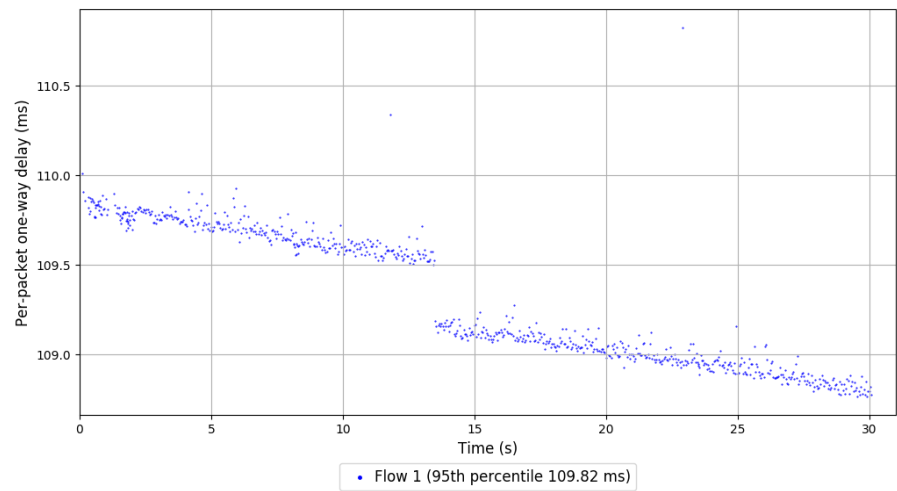
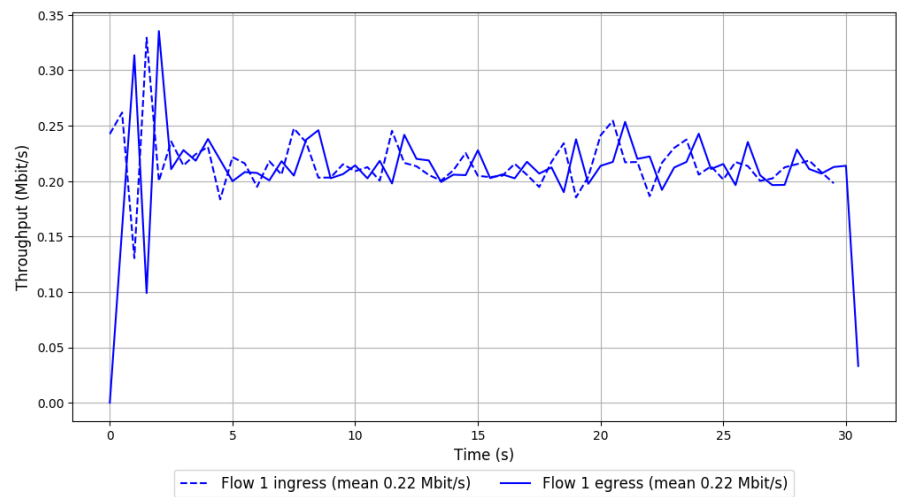


Run 6: Statistics of SCReAM

Start at: 2018-07-03 11:18:15
End at: 2018-07-03 11:18:46
Local clock offset: 7.647 ms
Remote clock offset: -13.453 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.816 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.816 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

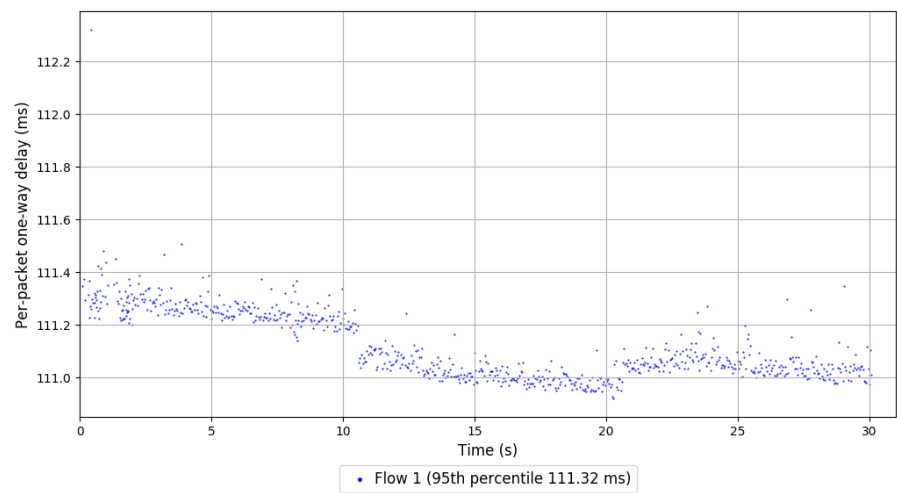
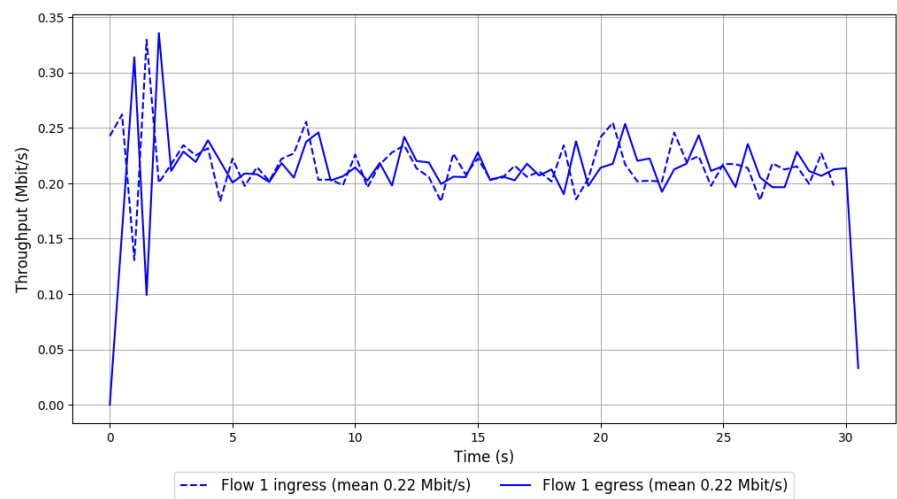


Run 7: Statistics of SCReAM

Start at: 2018-07-03 11:40:38
End at: 2018-07-03 11:41:08
Local clock offset: 6.65 ms
Remote clock offset: -5.991 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.319 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.319 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

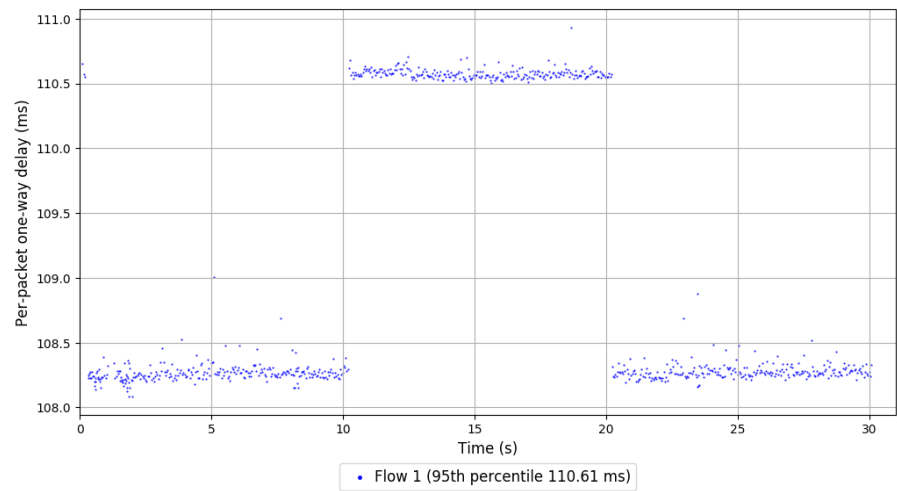
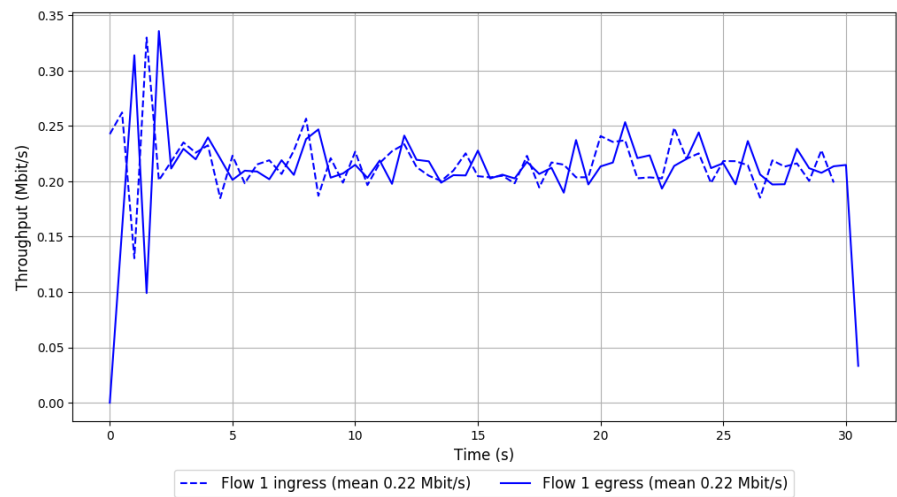


Run 8: Statistics of SCReAM

Start at: 2018-07-03 12:03:09
End at: 2018-07-03 12:03:39
Local clock offset: 3.858 ms
Remote clock offset: -2.185 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.606 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.606 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

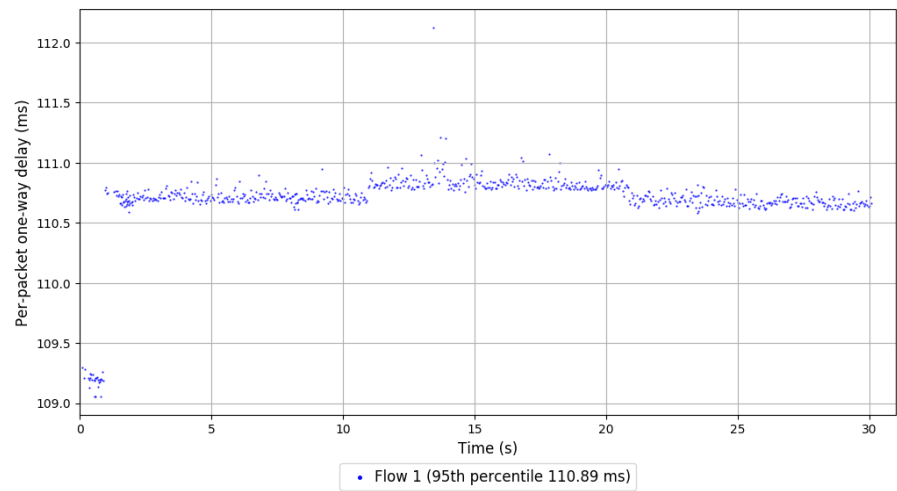
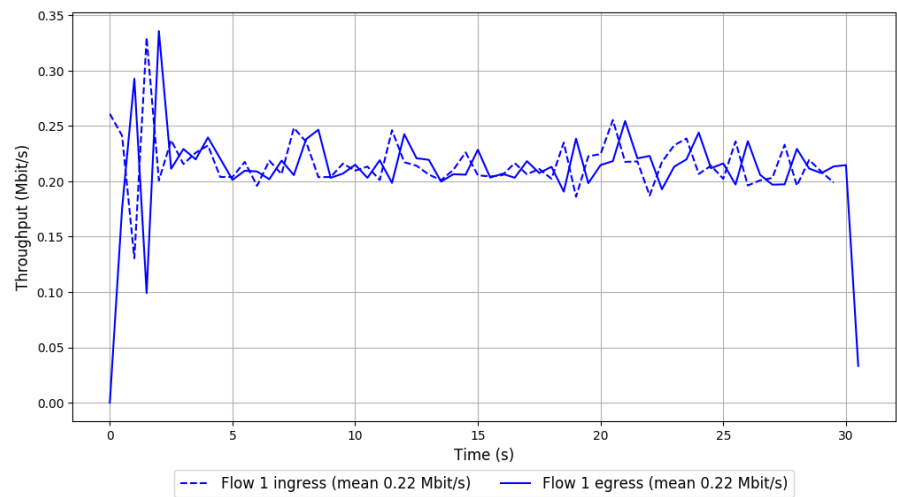


Run 9: Statistics of SCReAM

Start at: 2018-07-03 12:25:08
End at: 2018-07-03 12:25:38
Local clock offset: 1.507 ms
Remote clock offset: -1.695 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.885 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.885 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-07-03 12:47:13

End at: 2018-07-03 12:47:43

Local clock offset: 1.854 ms

Remote clock offset: -1.145 ms

Below is generated by plot.py at 2018-07-03 14:05:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.582 ms

Loss rate: 0.00%

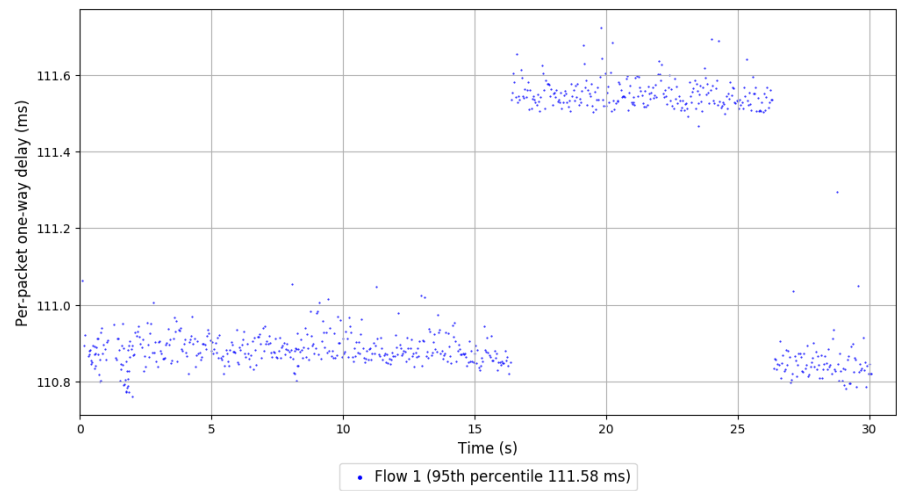
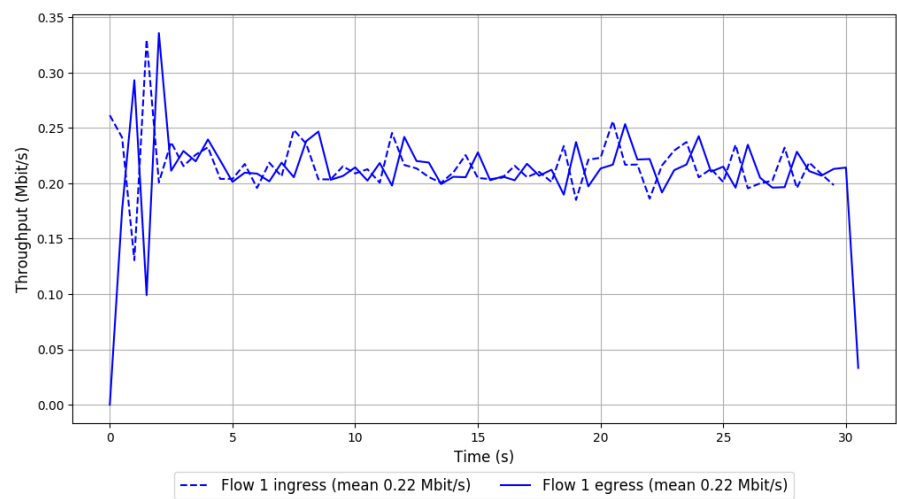
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.582 ms

Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link

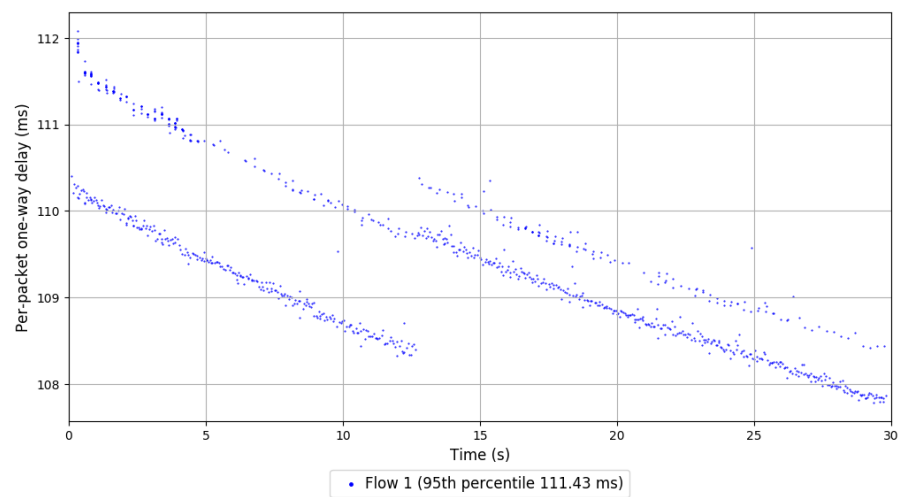
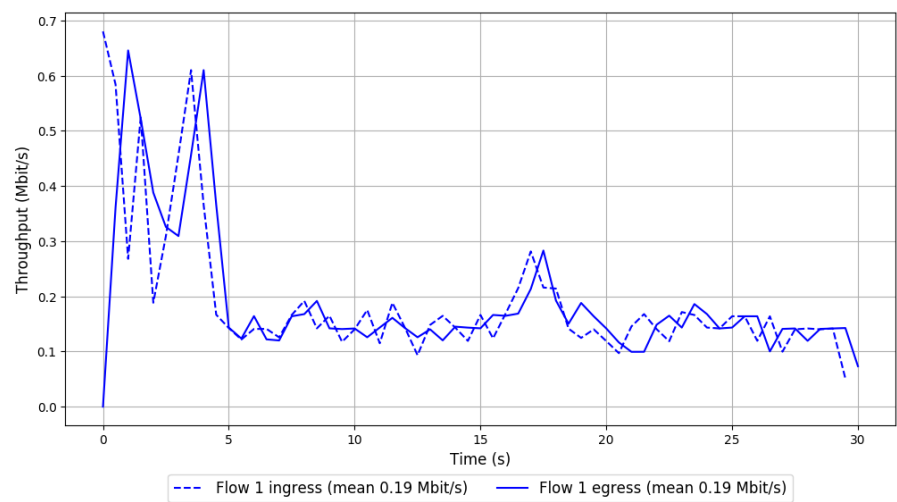


Run 1: Statistics of Sprout

Start at: 2018-07-03 09:22:36
End at: 2018-07-03 09:23:06
Local clock offset: 37.948 ms
Remote clock offset: -24.245 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 111.434 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 111.434 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

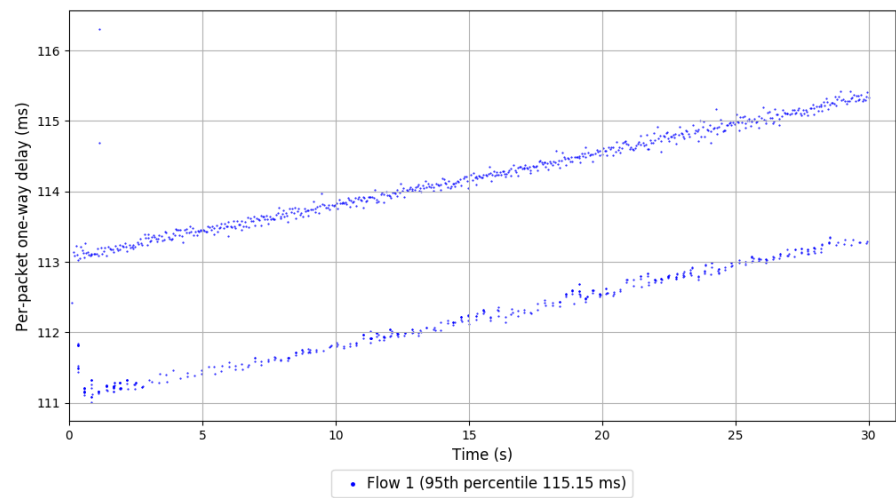
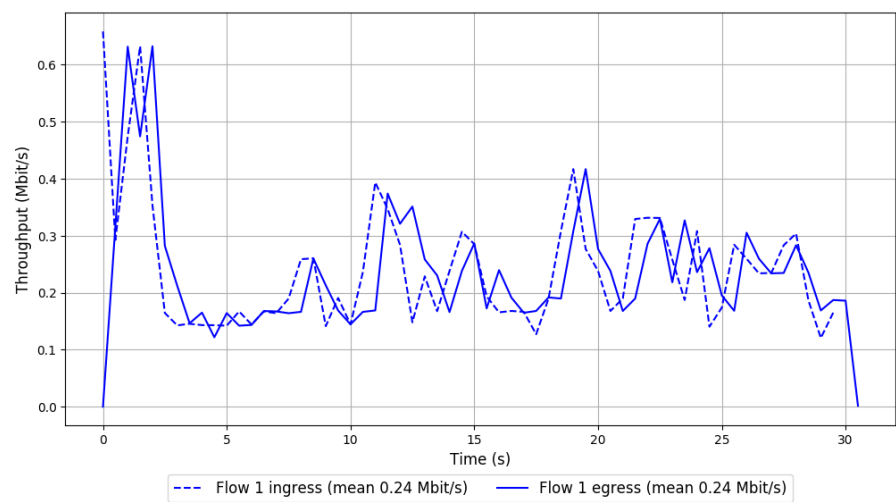


Run 2: Statistics of Sprout

Start at: 2018-07-03 09:44:39
End at: 2018-07-03 09:45:09
Local clock offset: 20.64 ms
Remote clock offset: -67.808 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 115.149 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 115.149 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

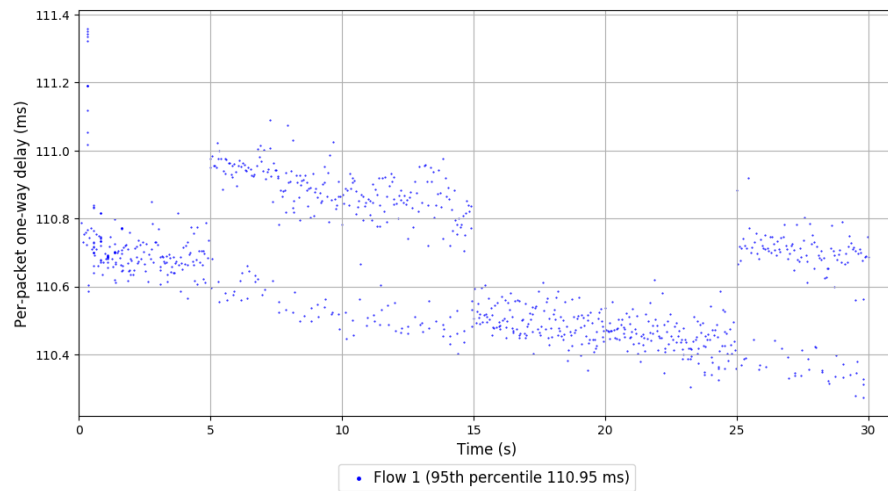
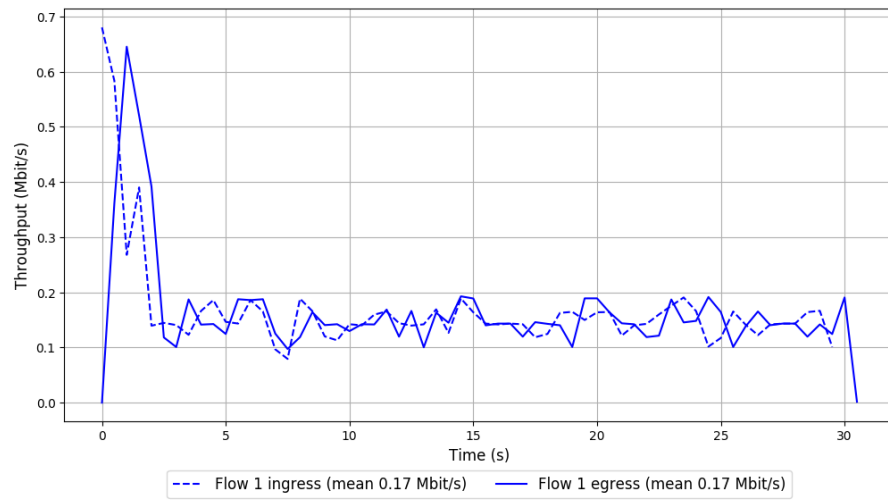


Run 3: Statistics of Sprout

Start at: 2018-07-03 10:06:54
End at: 2018-07-03 10:07:24
Local clock offset: 32.686 ms
Remote clock offset: -29.772 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 110.955 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 110.955 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

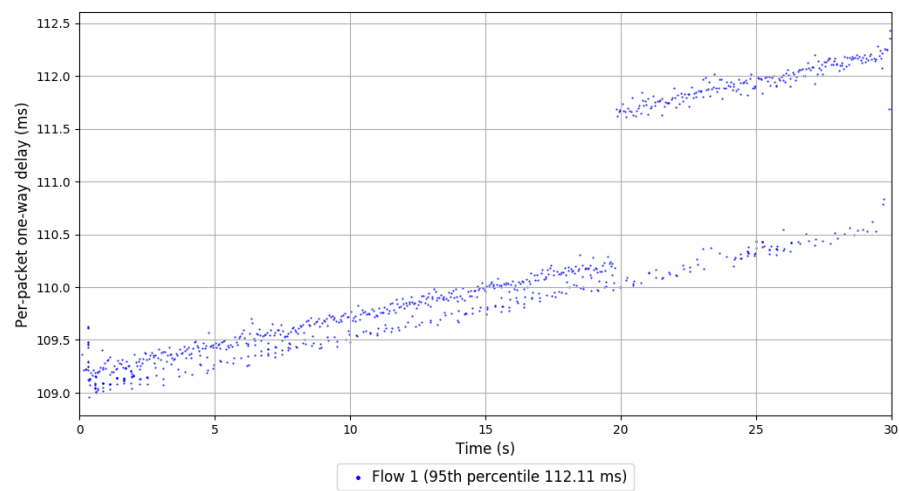
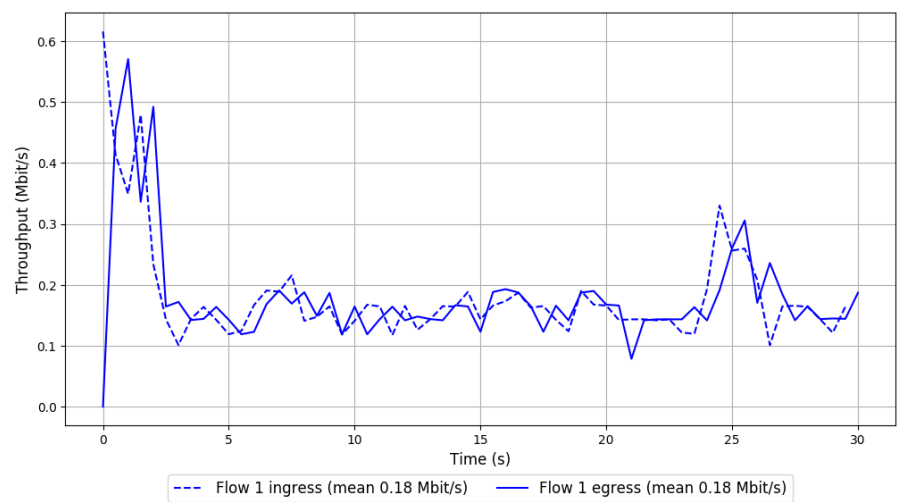


Run 4: Statistics of Sprout

Start at: 2018-07-03 10:29:19
End at: 2018-07-03 10:29:49
Local clock offset: 63.54 ms
Remote clock offset: -42.27 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 112.112 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 112.112 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

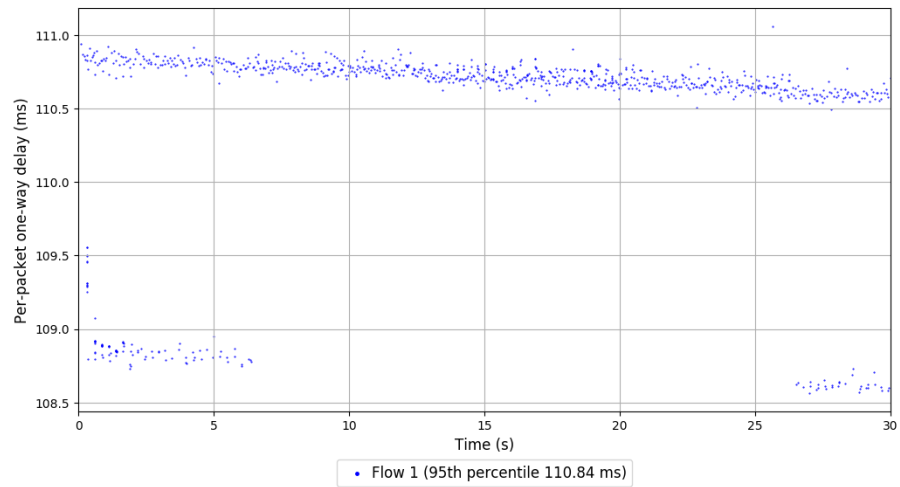
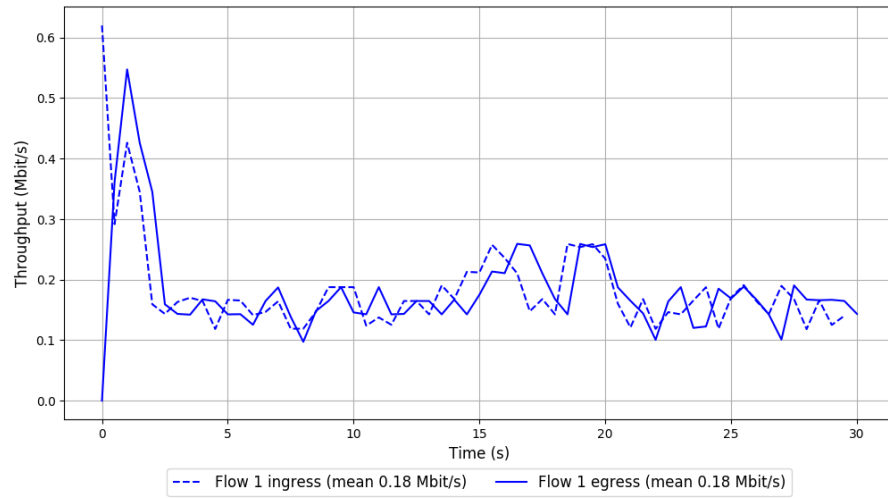


Run 5: Statistics of Sprout

Start at: 2018-07-03 10:51:42
End at: 2018-07-03 10:52:12
Local clock offset: 15.544 ms
Remote clock offset: -20.933 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 110.844 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 110.844 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

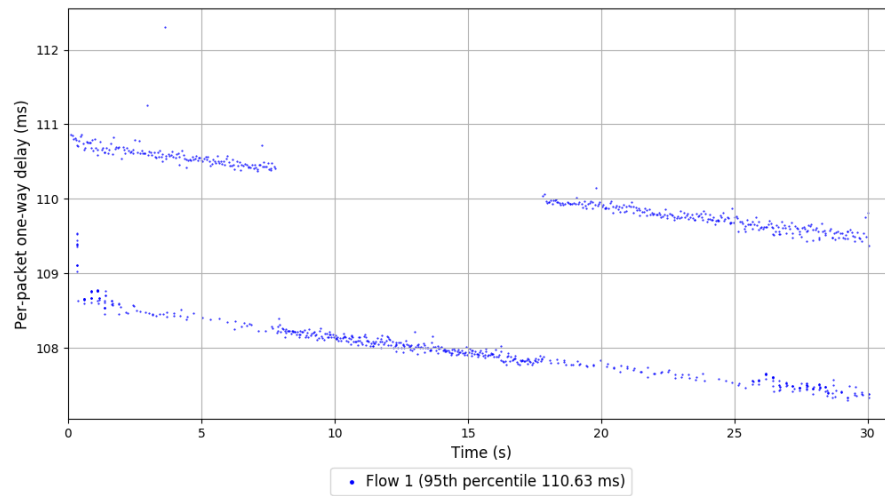
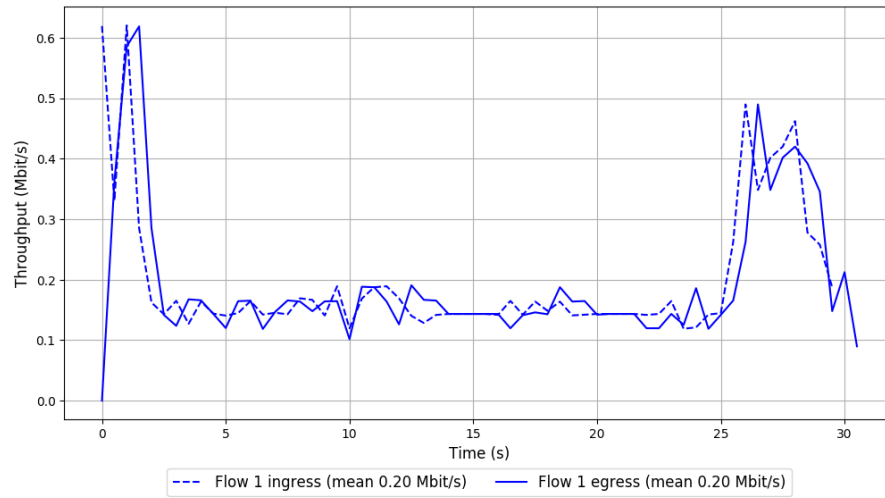


Run 6: Statistics of Sprout

Start at: 2018-07-03 11:14:01
End at: 2018-07-03 11:14:31
Local clock offset: 7.864 ms
Remote clock offset: -20.676 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 110.634 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 110.634 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

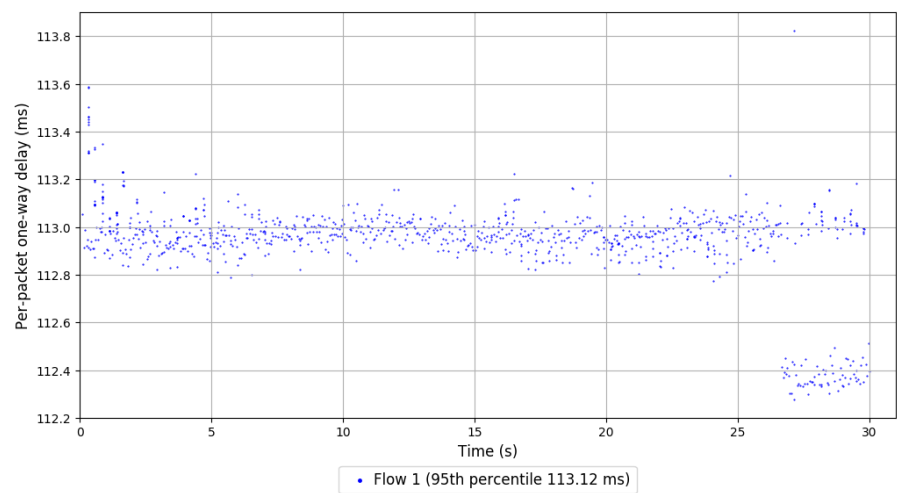
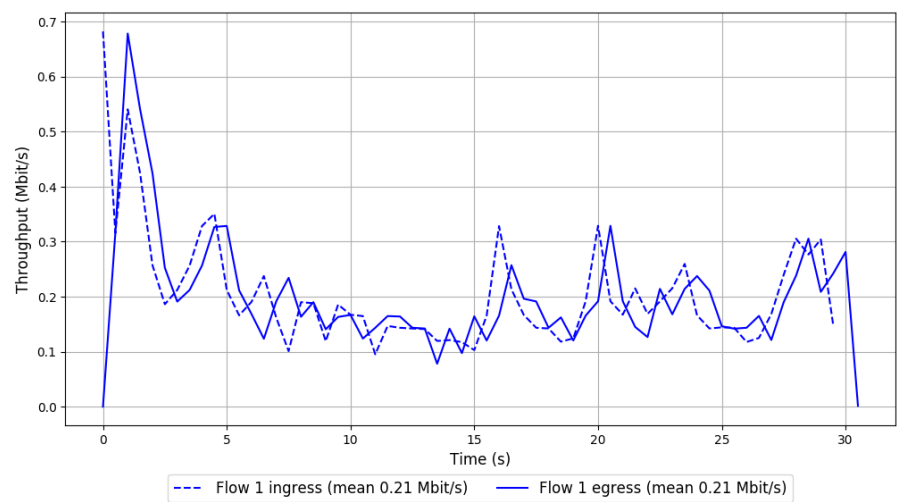


Run 7: Statistics of Sprout

Start at: 2018-07-03 11:36:12
End at: 2018-07-03 11:36:42
Local clock offset: 5.6 ms
Remote clock offset: -5.856 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 113.125 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 113.125 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

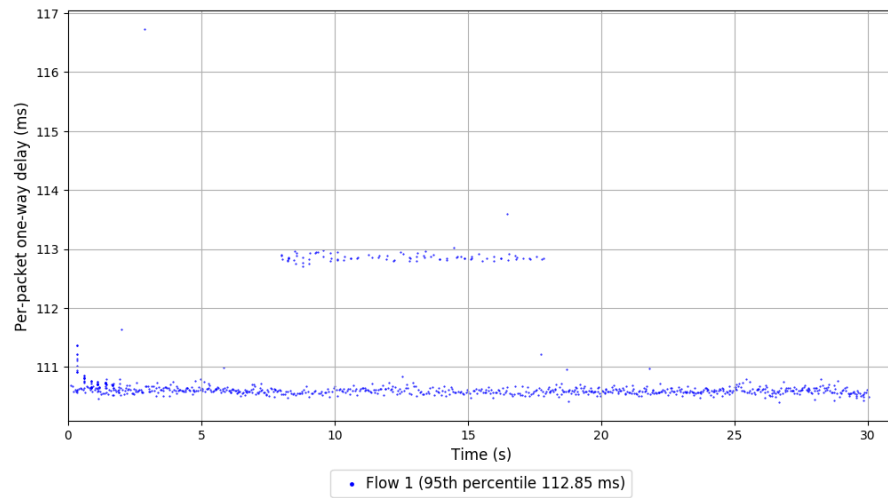
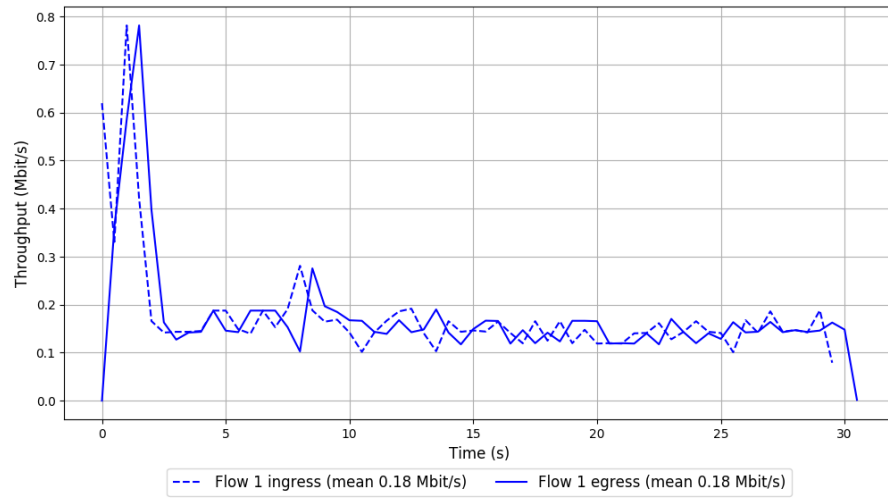


Run 8: Statistics of Sprout

Start at: 2018-07-03 11:58:51
End at: 2018-07-03 11:59:21
Local clock offset: 1.353 ms
Remote clock offset: -2.384 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 112.848 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 112.848 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-07-03 12:20:56

End at: 2018-07-03 12:21:26

Local clock offset: 1.564 ms

Remote clock offset: -2.43 ms

Below is generated by plot.py at 2018-07-03 14:05:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.240 ms

Loss rate: 0.00%

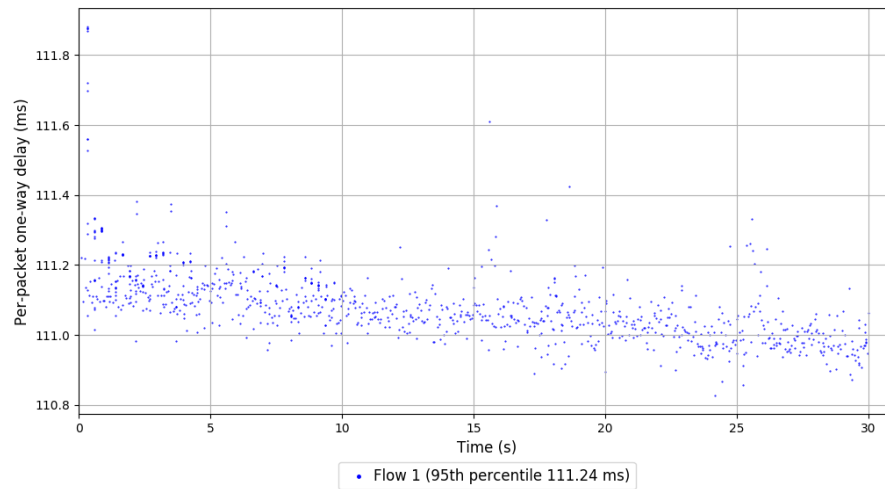
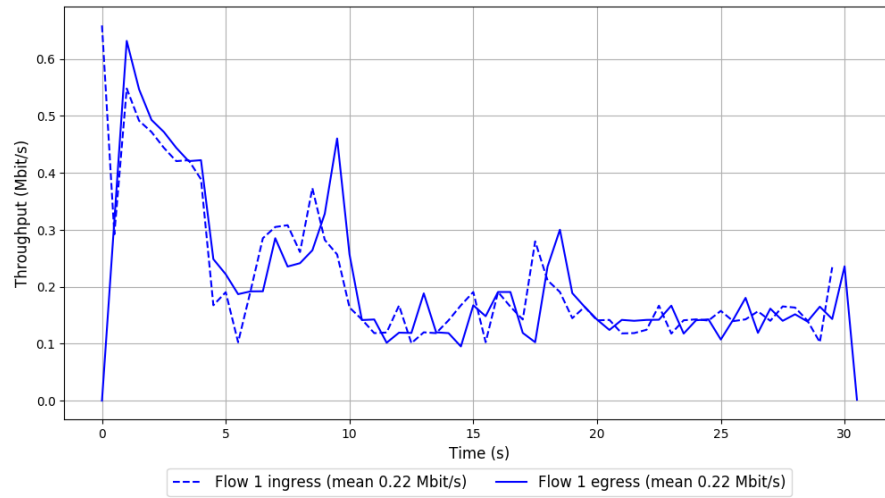
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.240 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

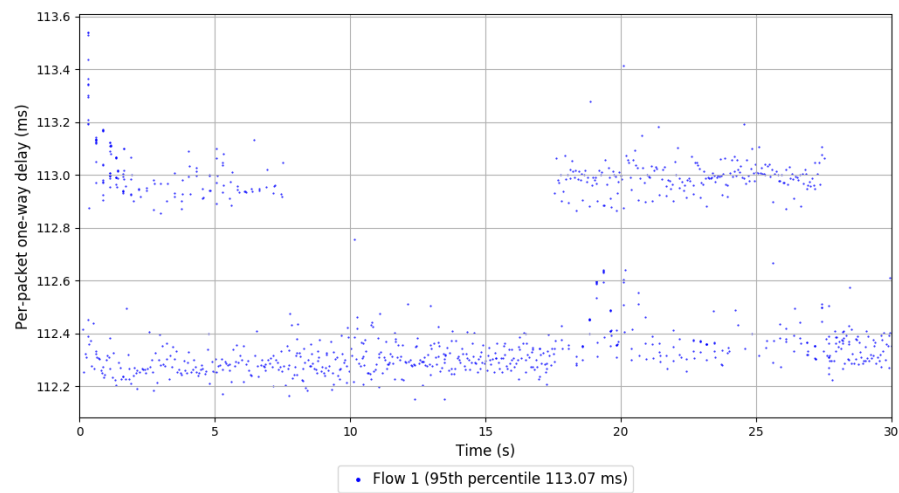
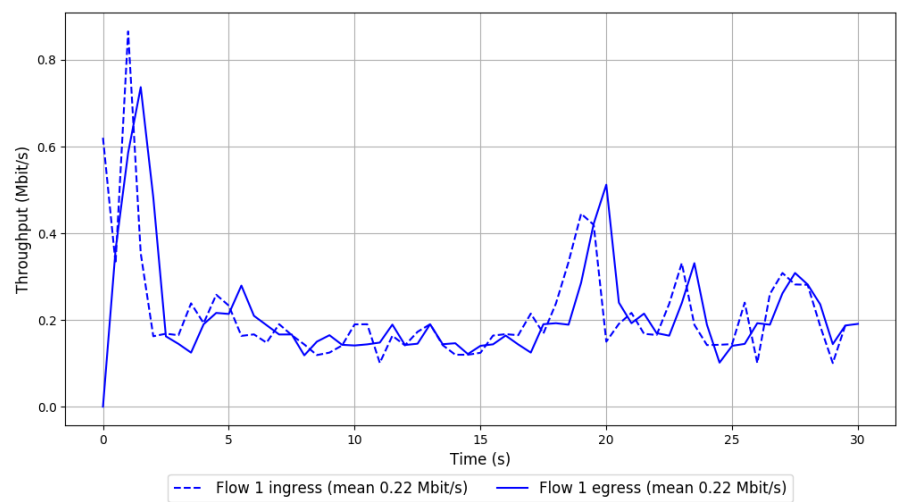


Run 10: Statistics of Sprout

Start at: 2018-07-03 12:43:01
End at: 2018-07-03 12:43:31
Local clock offset: 0.208 ms
Remote clock offset: -1.067 ms

Below is generated by plot.py at 2018-07-03 14:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 113.073 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 113.073 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

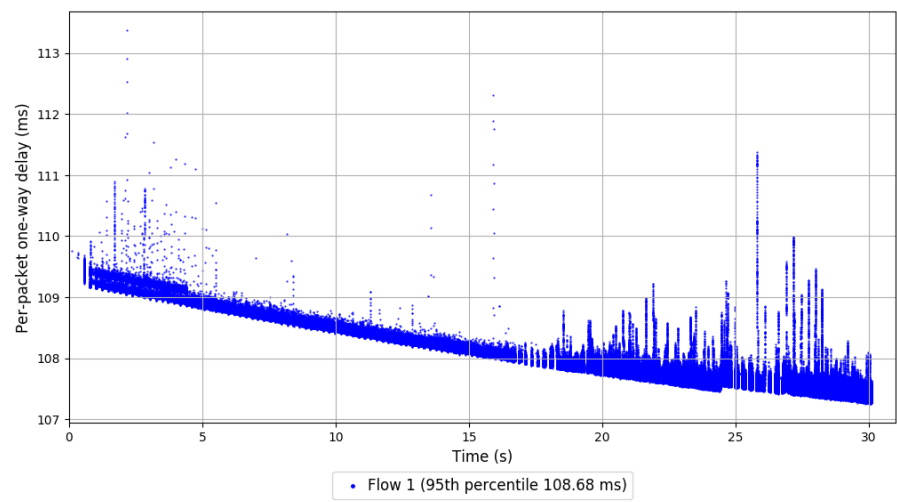
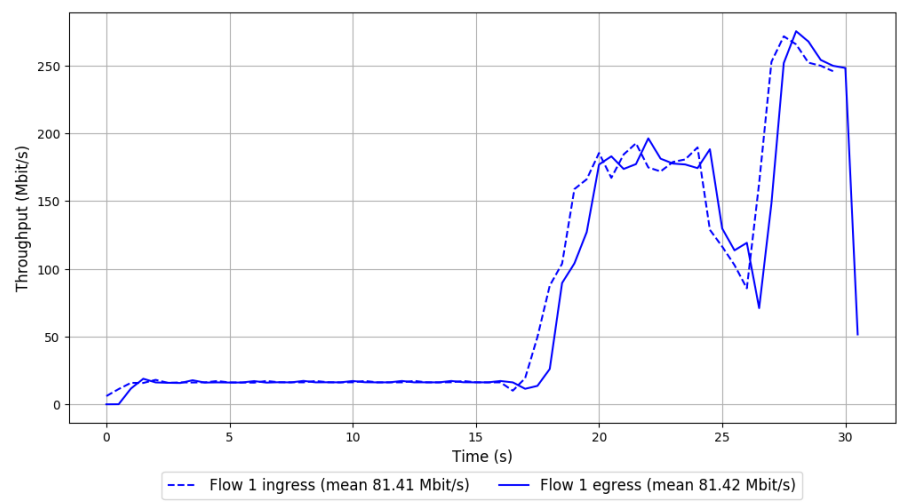


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-07-03 09:33:24
End at: 2018-07-03 09:33:54
Local clock offset: 29.586 ms
Remote clock offset: -36.202 ms

# Below is generated by plot.py at 2018-07-03 14:05:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.42 Mbit/s
95th percentile per-packet one-way delay: 108.676 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.42 Mbit/s
95th percentile per-packet one-way delay: 108.676 ms
Loss rate: 0.00%
```


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

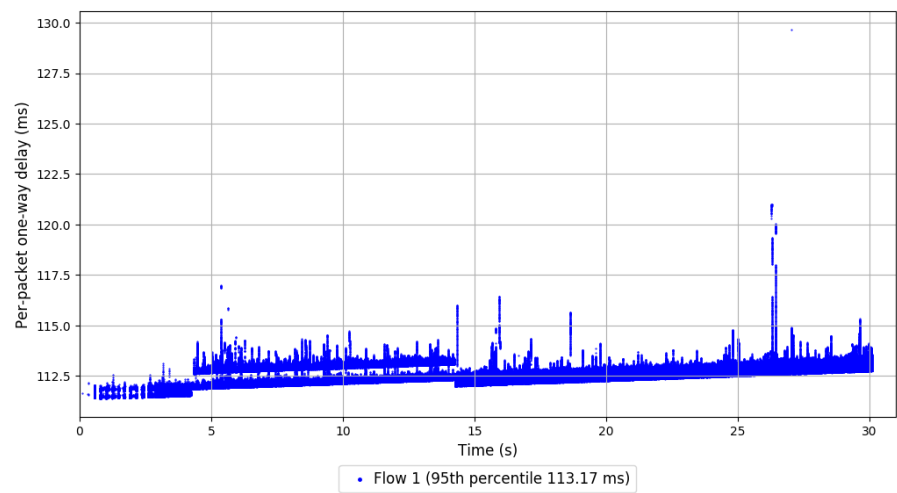
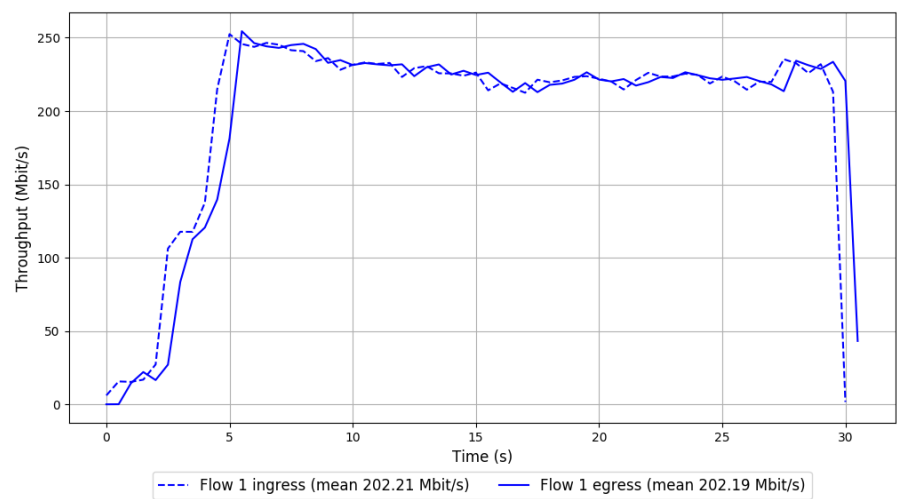


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-03 09:55:35
End at: 2018-07-03 09:56:05
Local clock offset: 40.476 ms
Remote clock offset: -27.739 ms

Below is generated by plot.py at 2018-07-03 14:09:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 202.19 Mbit/s
95th percentile per-packet one-way delay: 113.169 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 202.19 Mbit/s
95th percentile per-packet one-way delay: 113.169 ms
Loss rate: 0.00%

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

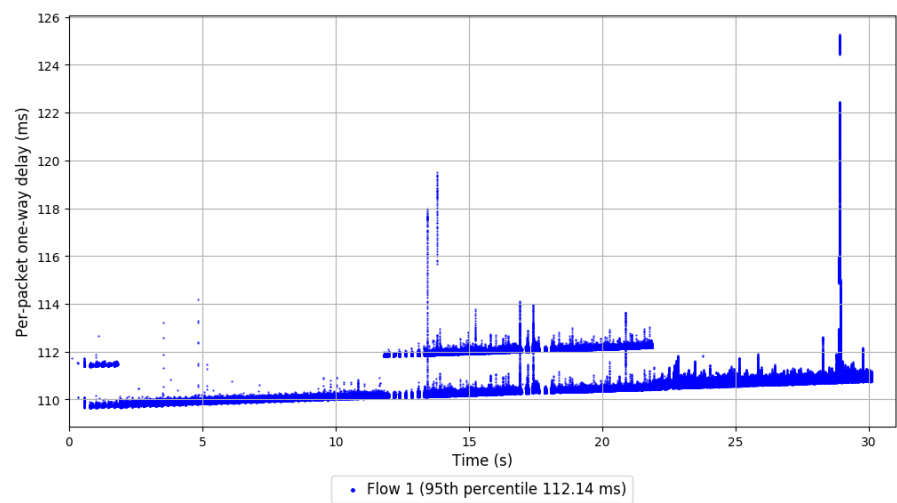
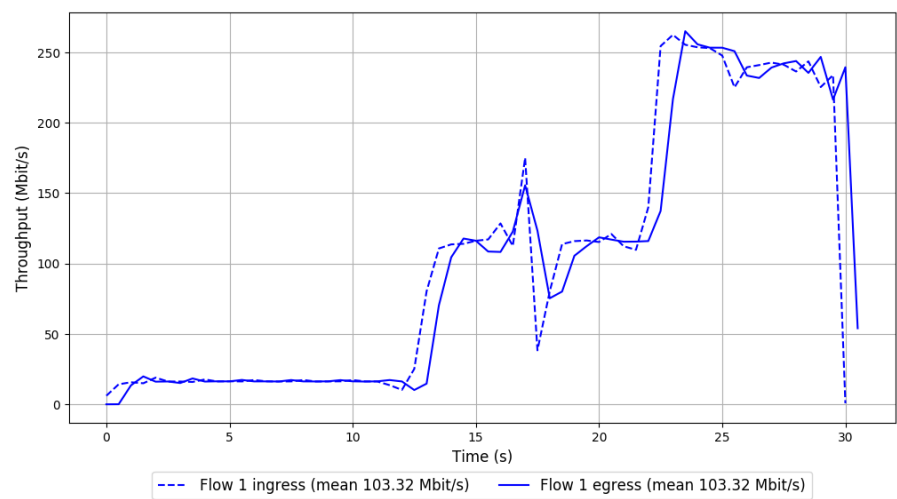


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-03 10:17:47
End at: 2018-07-03 10:18:17
Local clock offset: 43.549 ms
Remote clock offset: -29.292 ms

Below is generated by plot.py at 2018-07-03 14:09:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 103.32 Mbit/s
95th percentile per-packet one-way delay: 112.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 103.32 Mbit/s
95th percentile per-packet one-way delay: 112.144 ms
Loss rate: 0.00%

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

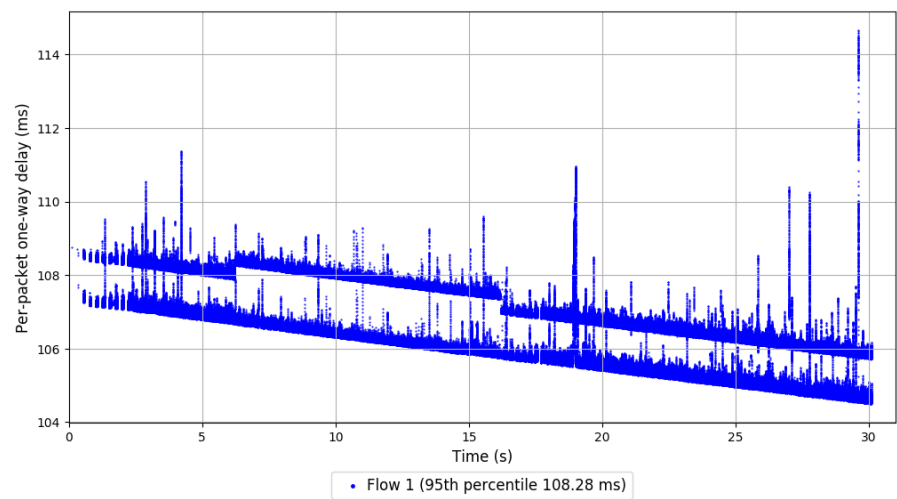
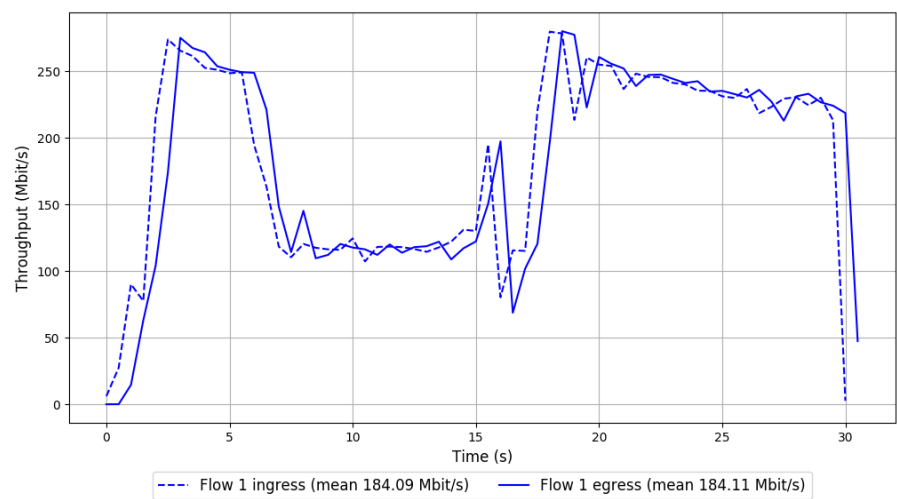


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-03 10:40:13
End at: 2018-07-03 10:40:43
Local clock offset: 26.893 ms
Remote clock offset: -40.586 ms

Below is generated by plot.py at 2018-07-03 14:09:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 184.11 Mbit/s
95th percentile per-packet one-way delay: 108.277 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 184.11 Mbit/s
95th percentile per-packet one-way delay: 108.277 ms
Loss rate: 0.00%

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

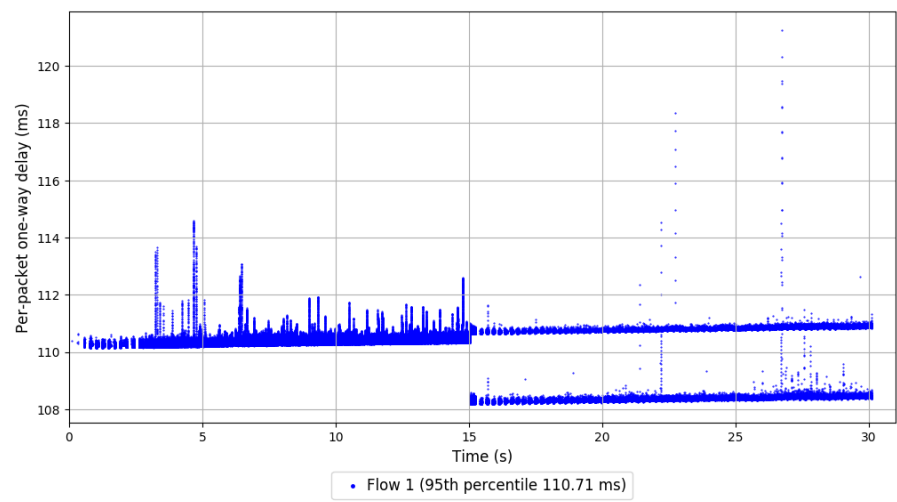
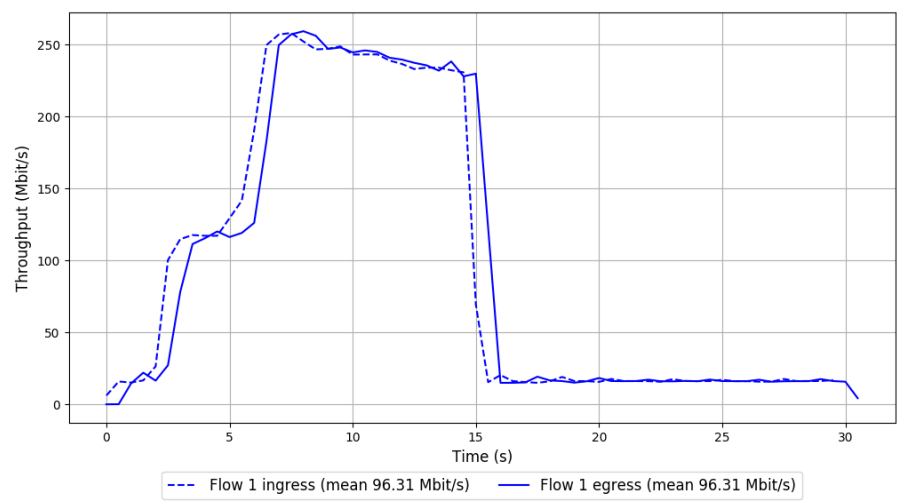


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-03 11:02:34
End at: 2018-07-03 11:03:04
Local clock offset: 17.248 ms
Remote clock offset: -22.075 ms

Below is generated by plot.py at 2018-07-03 14:09:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 110.714 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 110.714 ms
Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-07-03 11:24:48

End at: 2018-07-03 11:25:18

Local clock offset: 4.497 ms

Remote clock offset: -8.096 ms

Below is generated by plot.py at 2018-07-03 14:10:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 206.78 Mbit/s

95th percentile per-packet one-way delay: 112.714 ms

Loss rate: 0.00%

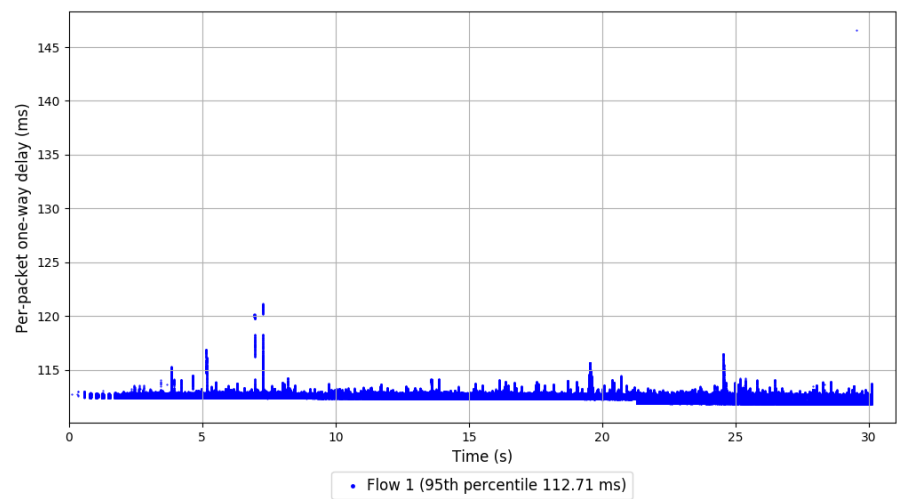
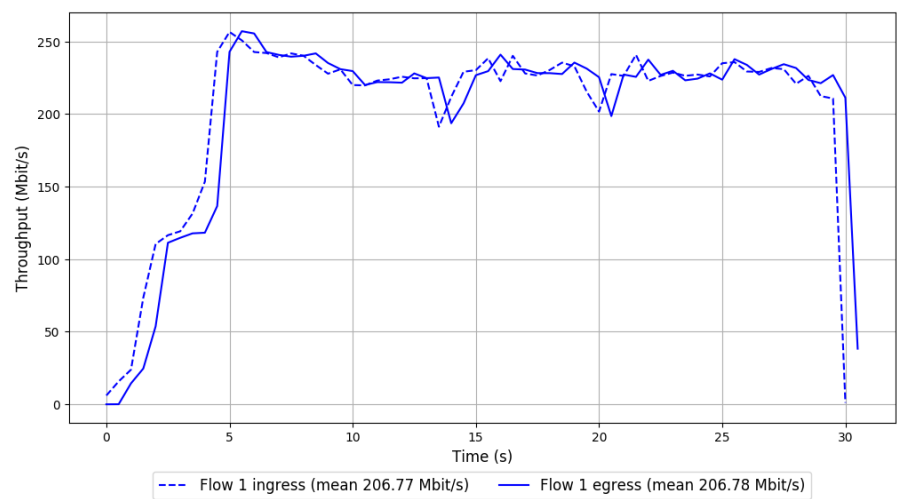
-- Flow 1:

Average throughput: 206.78 Mbit/s

95th percentile per-packet one-way delay: 112.714 ms

Loss rate: 0.00%

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

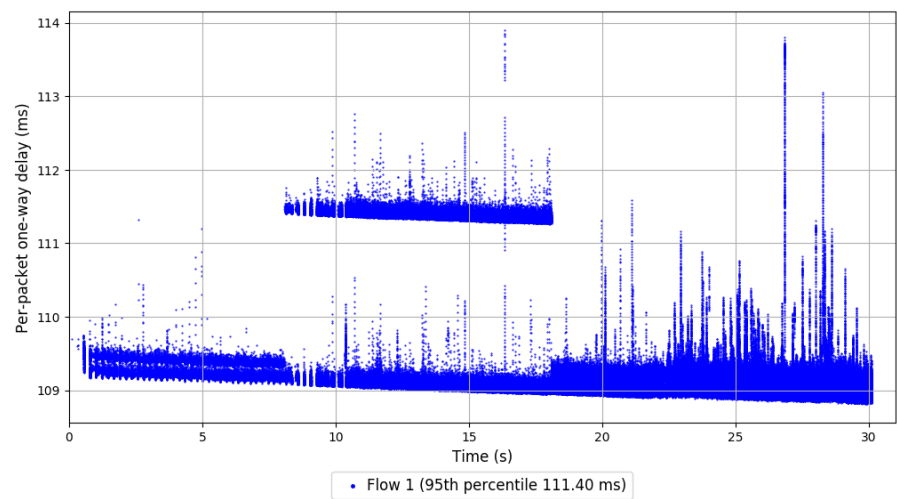
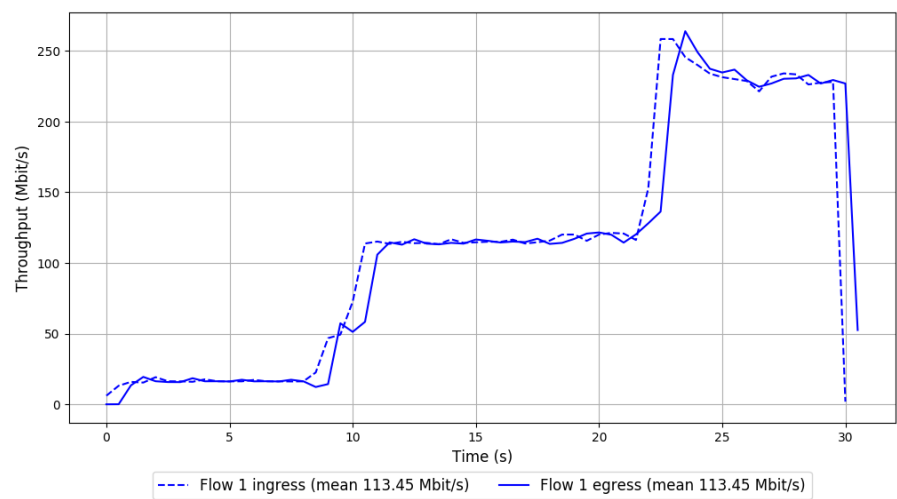


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-03 11:47:11
End at: 2018-07-03 11:47:41
Local clock offset: 3.408 ms
Remote clock offset: -5.536 ms

Below is generated by plot.py at 2018-07-03 14:10:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 113.45 Mbit/s
95th percentile per-packet one-way delay: 111.399 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 113.45 Mbit/s
95th percentile per-packet one-way delay: 111.399 ms
Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-07-03 12:09:34

End at: 2018-07-03 12:10:05

Local clock offset: 2.925 ms

Remote clock offset: -2.201 ms

Below is generated by plot.py at 2018-07-03 14:10:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 174.16 Mbit/s

95th percentile per-packet one-way delay: 112.279 ms

Loss rate: 0.00%

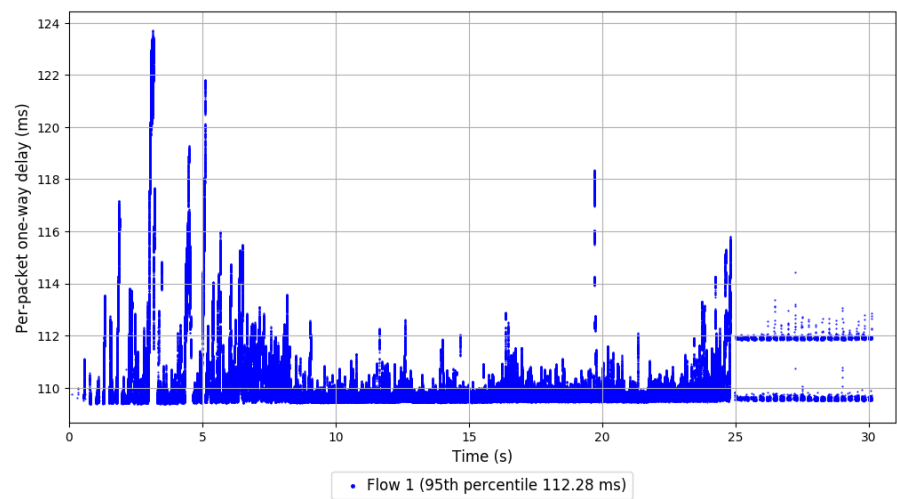
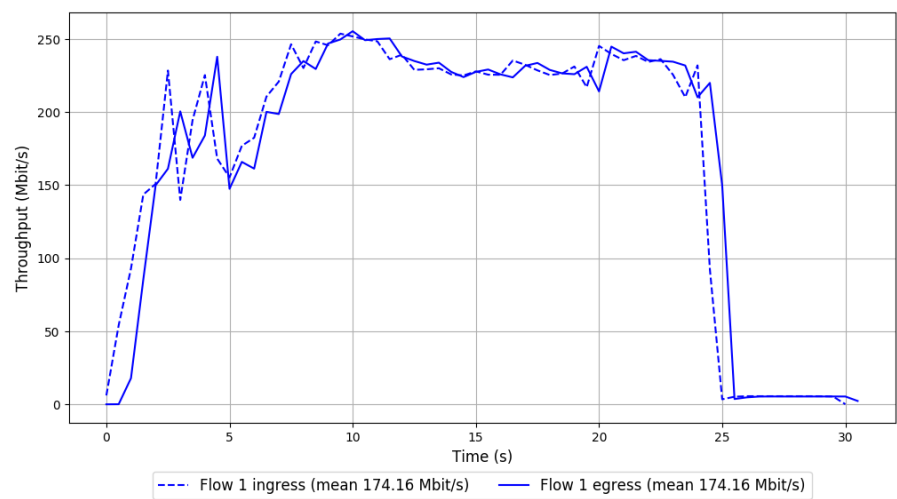
-- Flow 1:

Average throughput: 174.16 Mbit/s

95th percentile per-packet one-way delay: 112.279 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-07-03 12:31:35

End at: 2018-07-03 12:32:06

Local clock offset: 0.01 ms

Remote clock offset: -1.157 ms

Below is generated by plot.py at 2018-07-03 14:10:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 172.21 Mbit/s

95th percentile per-packet one-way delay: 112.292 ms

Loss rate: 0.00%

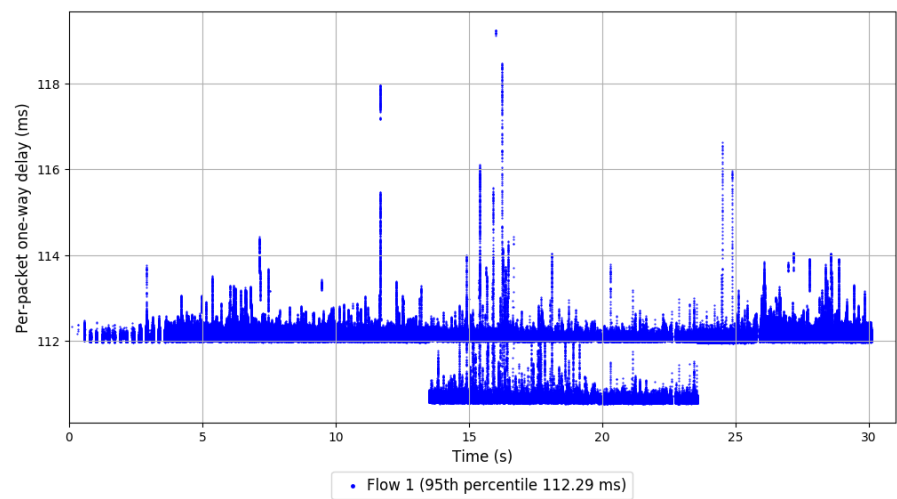
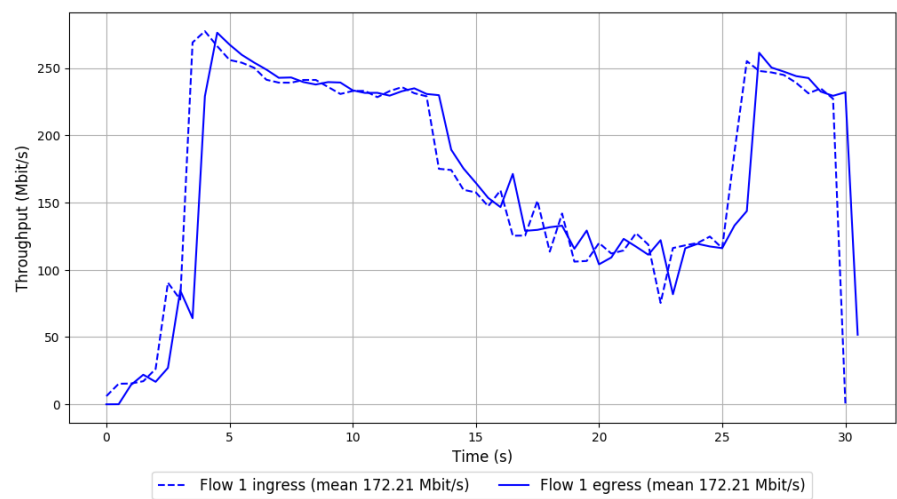
-- Flow 1:

Average throughput: 172.21 Mbit/s

95th percentile per-packet one-way delay: 112.292 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-03 12:53:38

End at: 2018-07-03 12:54:08

Local clock offset: 0.671 ms

Remote clock offset: -1.271 ms

Below is generated by plot.py at 2018-07-03 14:12:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 220.03 Mbit/s

95th percentile per-packet one-way delay: 111.784 ms

Loss rate: 0.00%

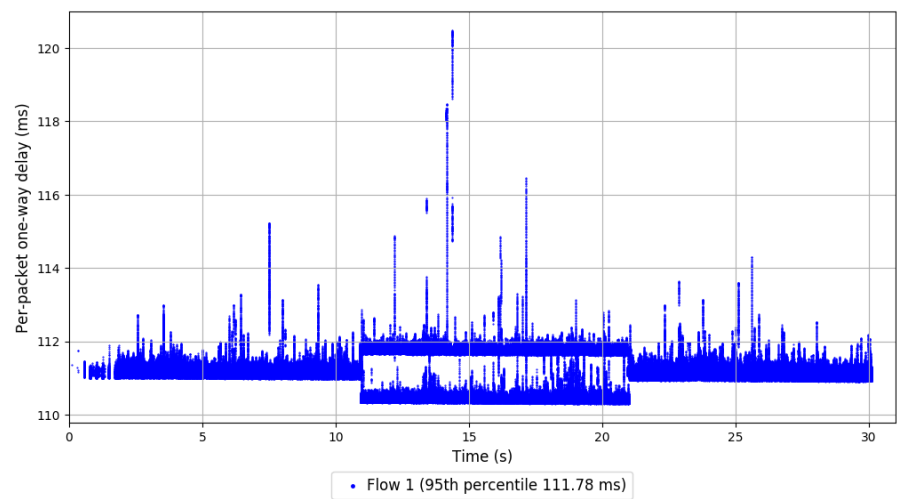
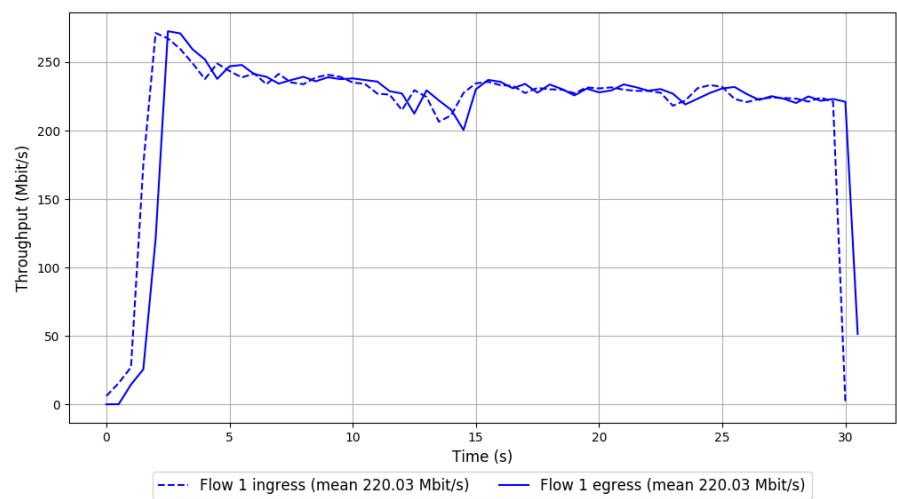
-- Flow 1:

Average throughput: 220.03 Mbit/s

95th percentile per-packet one-way delay: 111.784 ms

Loss rate: 0.00%

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

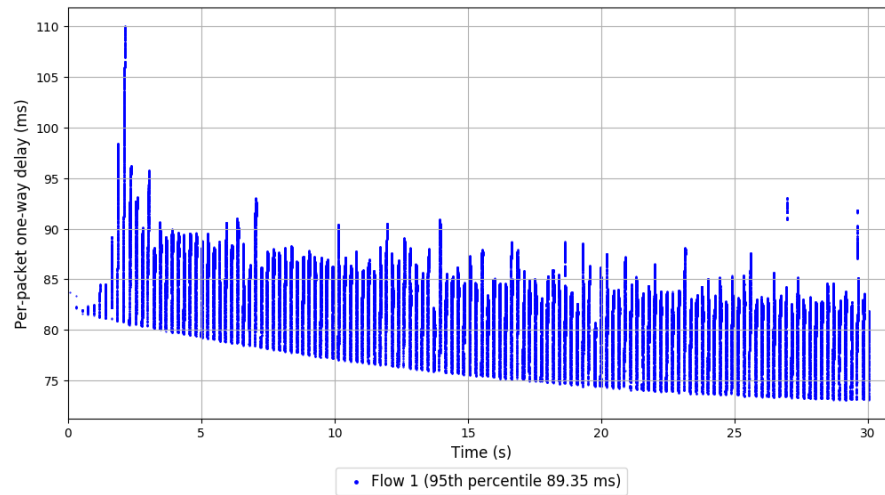
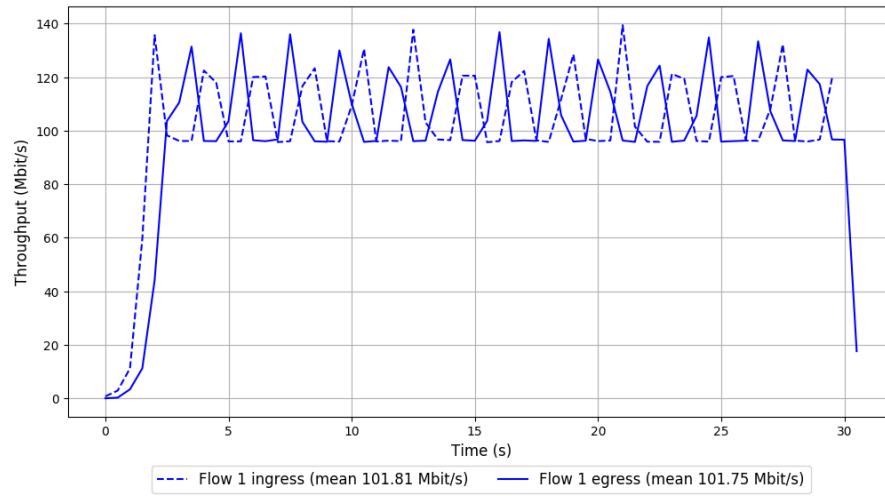


Run 1: Statistics of TCP Vegas

Start at: 2018-07-03 09:16:31
End at: 2018-07-03 09:17:01
Local clock offset: 54.81 ms
Remote clock offset: -18.851 ms

Below is generated by plot.py at 2018-07-03 14:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 101.75 Mbit/s
95th percentile per-packet one-way delay: 89.350 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 101.75 Mbit/s
95th percentile per-packet one-way delay: 89.350 ms
Loss rate: 0.09%

Run 1: Report of TCP Vegas — Data Link

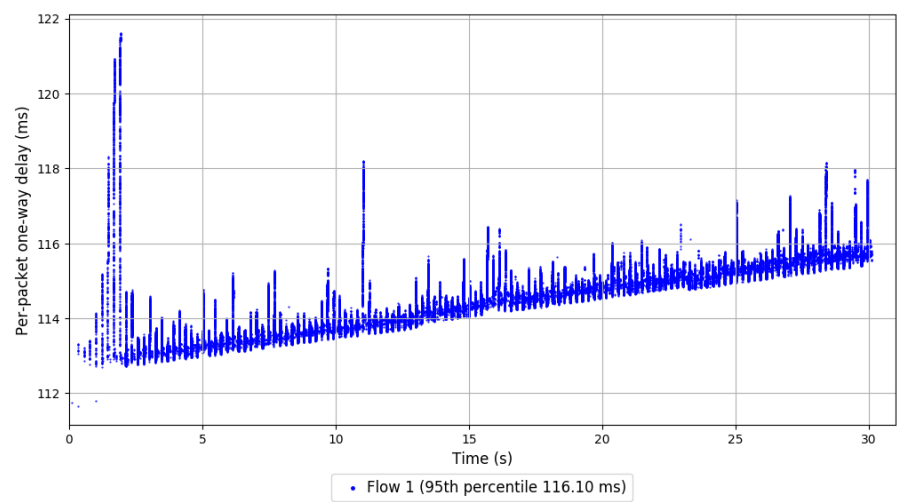
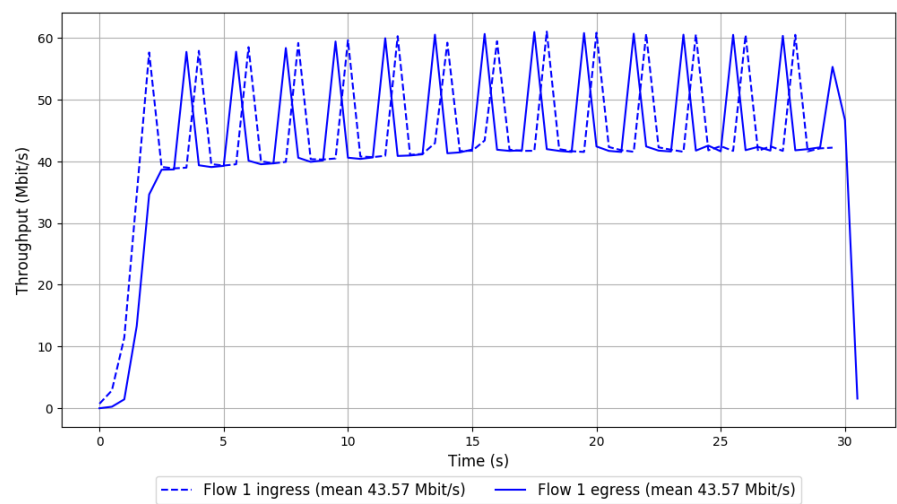


Run 2: Statistics of TCP Vegas

Start at: 2018-07-03 09:38:36
End at: 2018-07-03 09:39:06
Local clock offset: 26.712 ms
Remote clock offset: -46.076 ms

Below is generated by plot.py at 2018-07-03 14:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.57 Mbit/s
95th percentile per-packet one-way delay: 116.103 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.57 Mbit/s
95th percentile per-packet one-way delay: 116.103 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

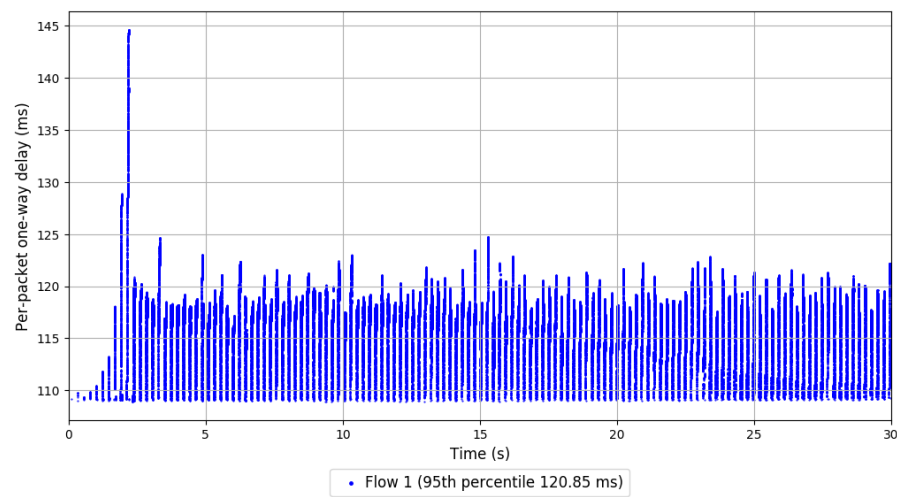
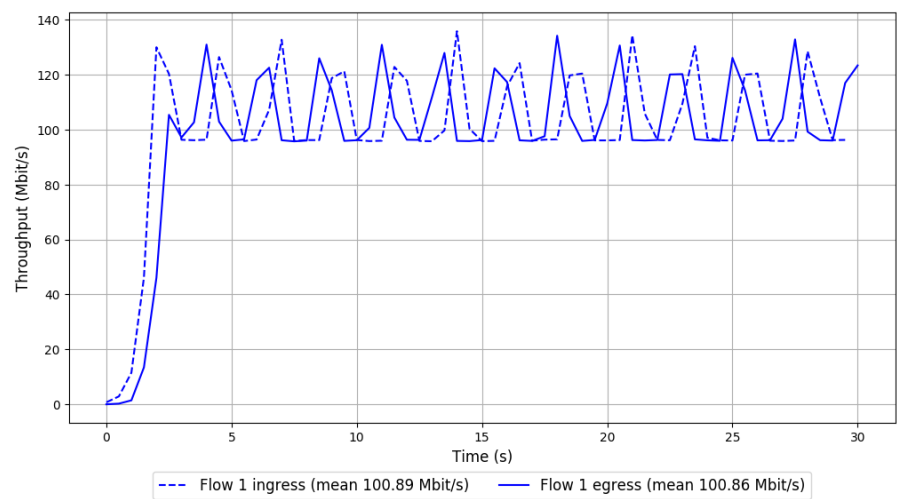


Run 3: Statistics of TCP Vegas

Start at: 2018-07-03 10:00:48
End at: 2018-07-03 10:01:18
Local clock offset: 36.779 ms
Remote clock offset: -33.161 ms

Below is generated by plot.py at 2018-07-03 14:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.86 Mbit/s
95th percentile per-packet one-way delay: 120.854 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.86 Mbit/s
95th percentile per-packet one-way delay: 120.854 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

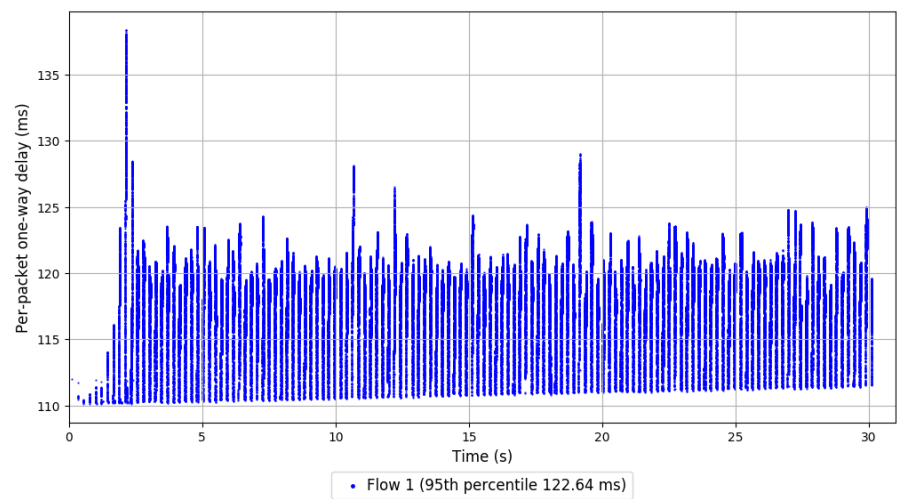
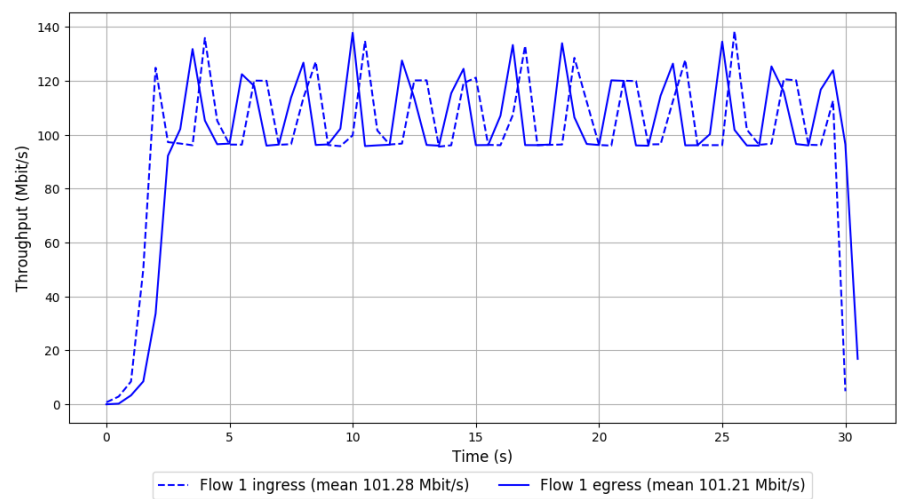


Run 4: Statistics of TCP Vegas

Start at: 2018-07-03 10:23:09
End at: 2018-07-03 10:23:39
Local clock offset: 51.777 ms
Remote clock offset: -34.465 ms

Below is generated by plot.py at 2018-07-03 14:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 101.21 Mbit/s
95th percentile per-packet one-way delay: 122.643 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 101.21 Mbit/s
95th percentile per-packet one-way delay: 122.643 ms
Loss rate: 0.07%

Run 4: Report of TCP Vegas — Data Link

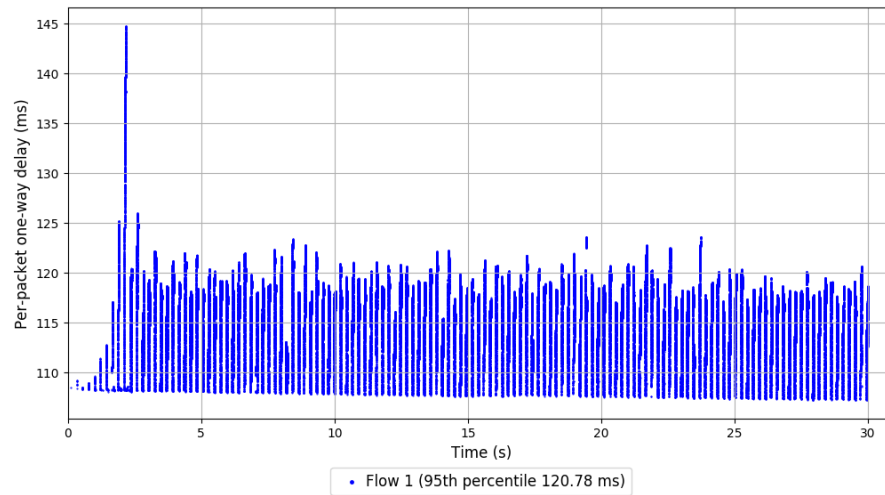
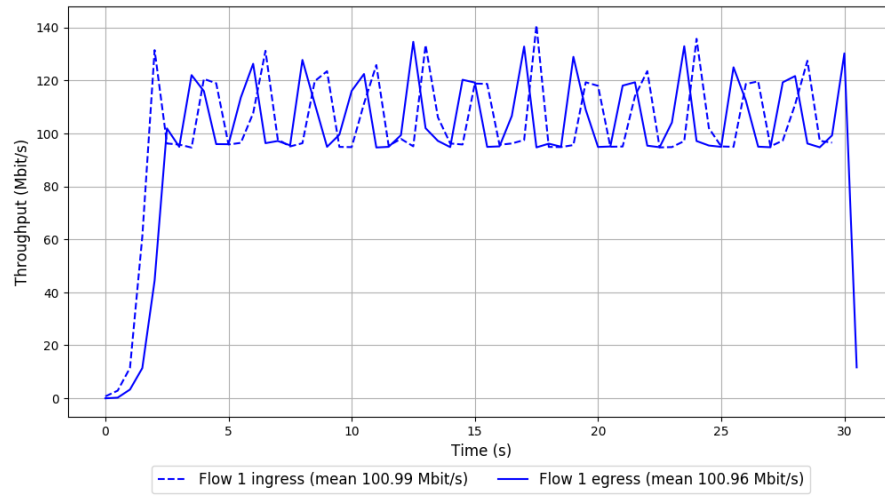


Run 5: Statistics of TCP Vegas

Start at: 2018-07-03 10:45:33
End at: 2018-07-03 10:46:03
Local clock offset: 19.044 ms
Remote clock offset: -26.681 ms

Below is generated by plot.py at 2018-07-03 14:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.96 Mbit/s
95th percentile per-packet one-way delay: 120.785 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.96 Mbit/s
95th percentile per-packet one-way delay: 120.785 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

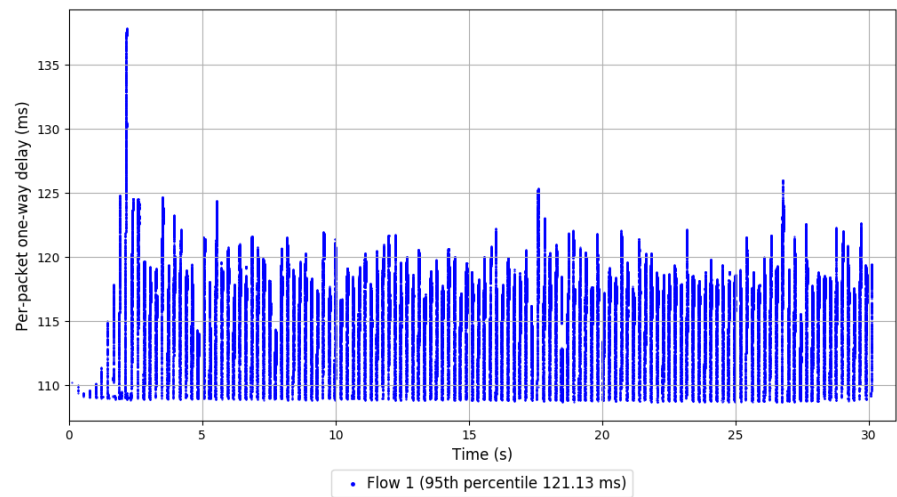
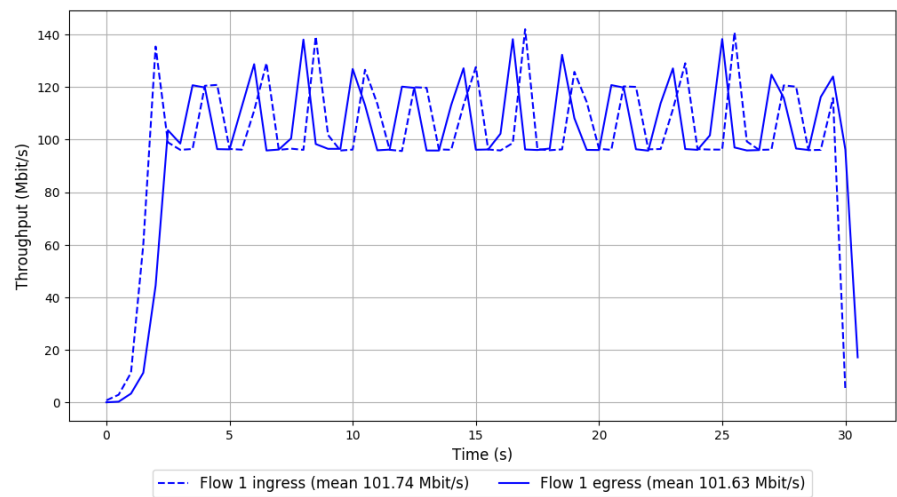


Run 6: Statistics of TCP Vegas

Start at: 2018-07-03 11:07:51
End at: 2018-07-03 11:08:21
Local clock offset: 12.788 ms
Remote clock offset: -24.905 ms

Below is generated by plot.py at 2018-07-03 14:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 101.63 Mbit/s
95th percentile per-packet one-way delay: 121.133 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 101.63 Mbit/s
95th percentile per-packet one-way delay: 121.133 ms
Loss rate: 0.11%

Run 6: Report of TCP Vegas — Data Link

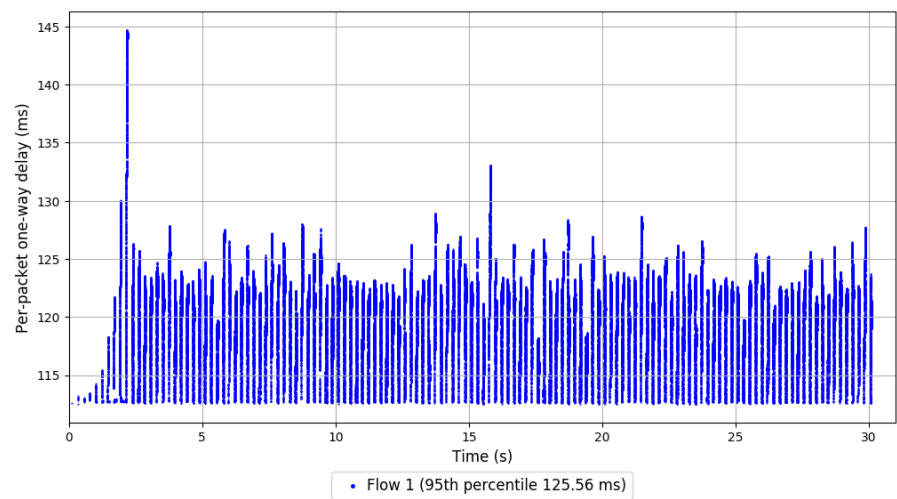
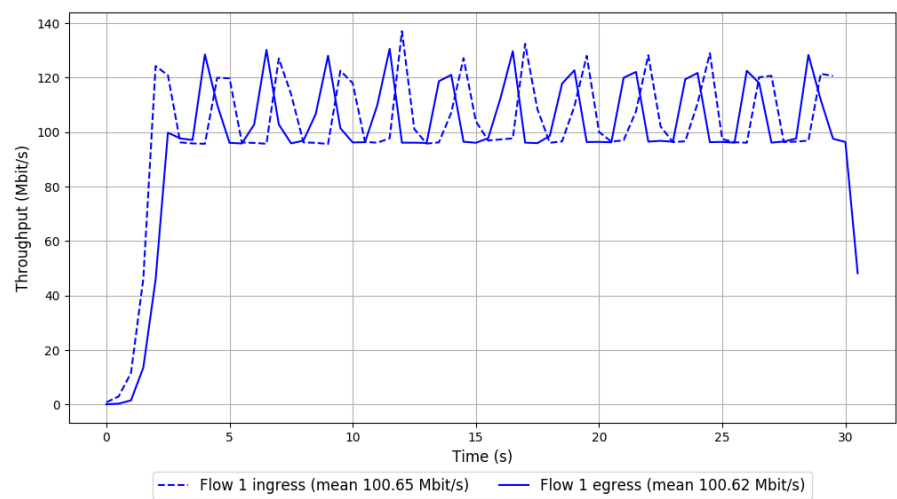


Run 7: Statistics of TCP Vegas

Start at: 2018-07-03 11:30:07
End at: 2018-07-03 11:30:37
Local clock offset: 5.041 ms
Remote clock offset: -6.353 ms

Below is generated by plot.py at 2018-07-03 14:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.62 Mbit/s
95th percentile per-packet one-way delay: 125.564 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.62 Mbit/s
95th percentile per-packet one-way delay: 125.564 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

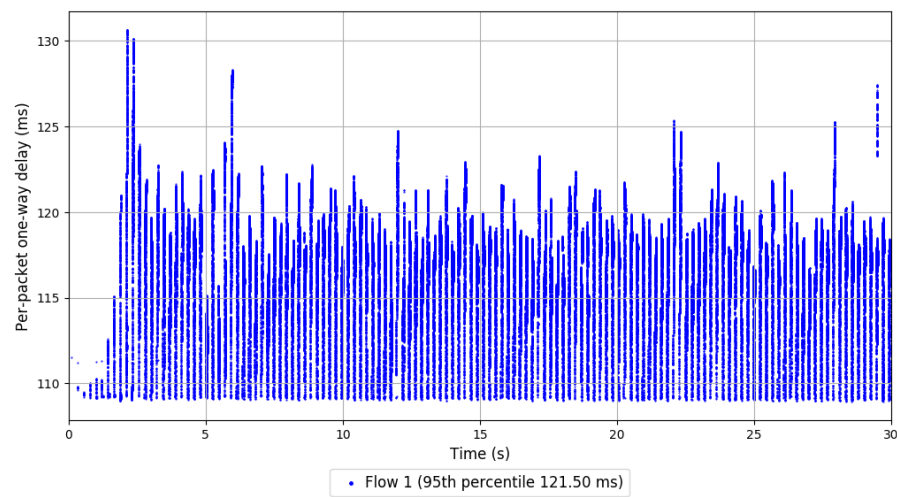
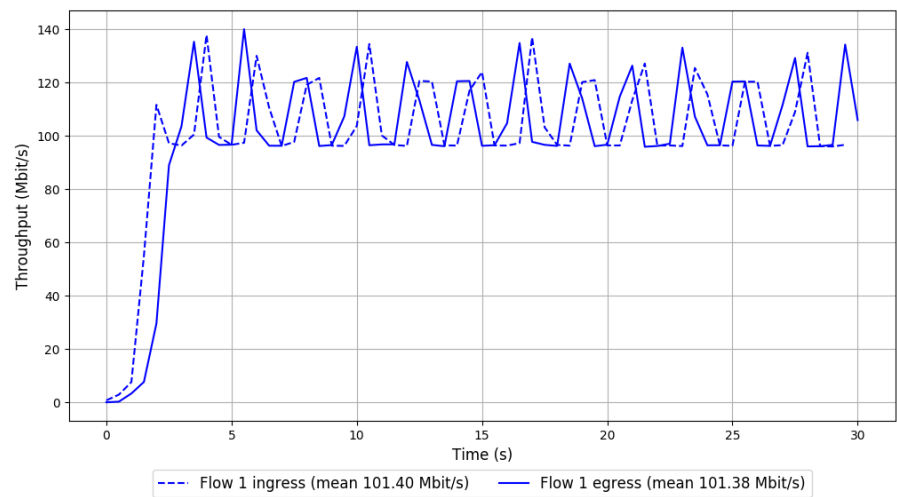


Run 8: Statistics of TCP Vegas

Start at: 2018-07-03 11:52:45
End at: 2018-07-03 11:53:15
Local clock offset: 2.897 ms
Remote clock offset: -3.357 ms

Below is generated by plot.py at 2018-07-03 14:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 101.38 Mbit/s
95th percentile per-packet one-way delay: 121.504 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 101.38 Mbit/s
95th percentile per-packet one-way delay: 121.504 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

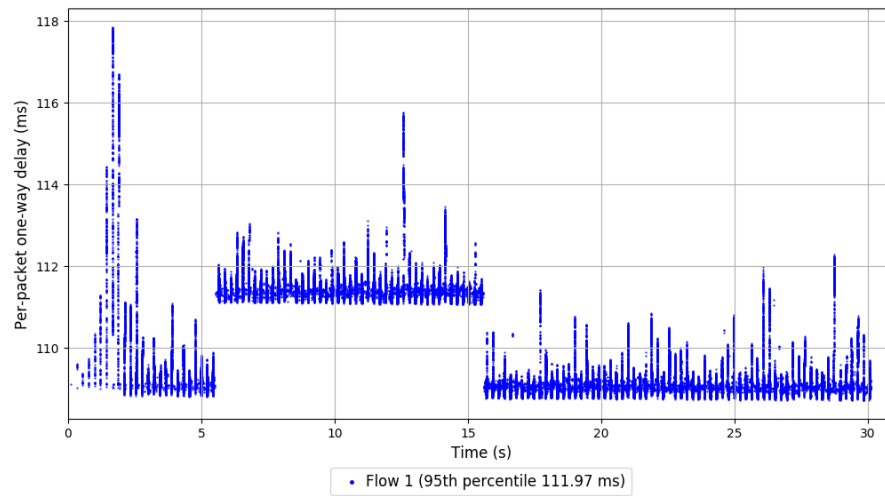
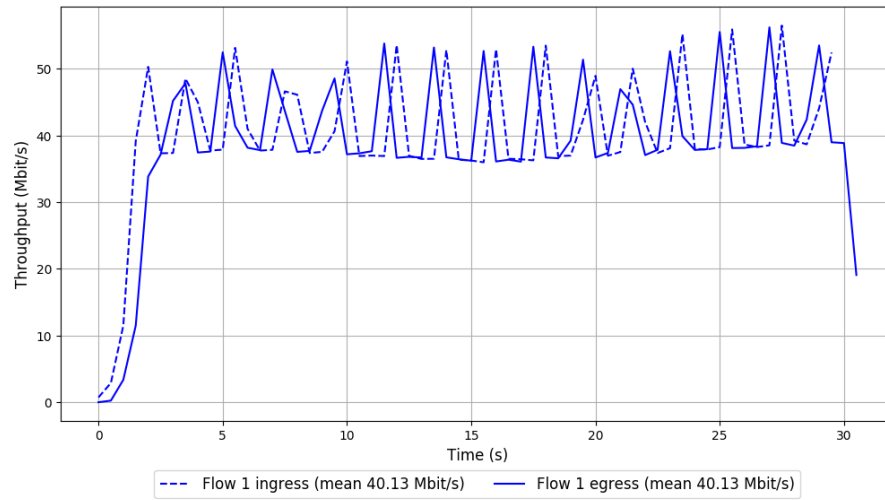


Run 9: Statistics of TCP Vegas

Start at: 2018-07-03 12:14:53
End at: 2018-07-03 12:15:24
Local clock offset: 3.177 ms
Remote clock offset: -2.501 ms

Below is generated by plot.py at 2018-07-03 14:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.13 Mbit/s
95th percentile per-packet one-way delay: 111.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.13 Mbit/s
95th percentile per-packet one-way delay: 111.965 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

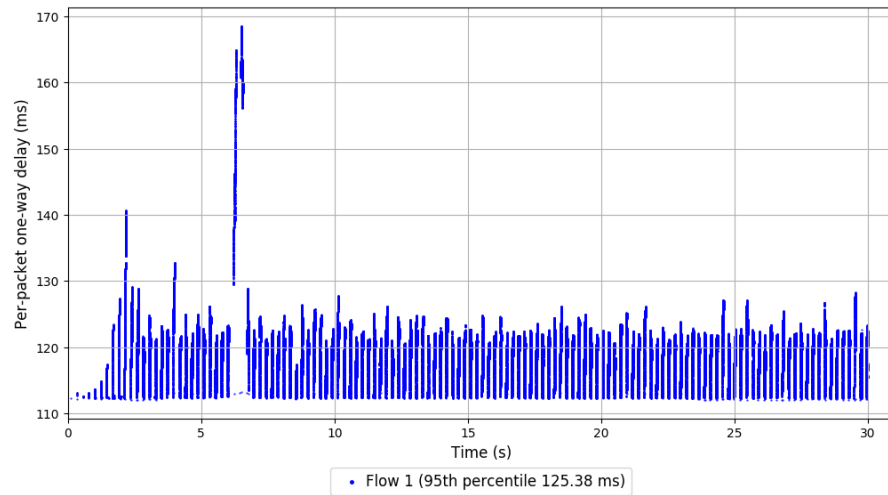
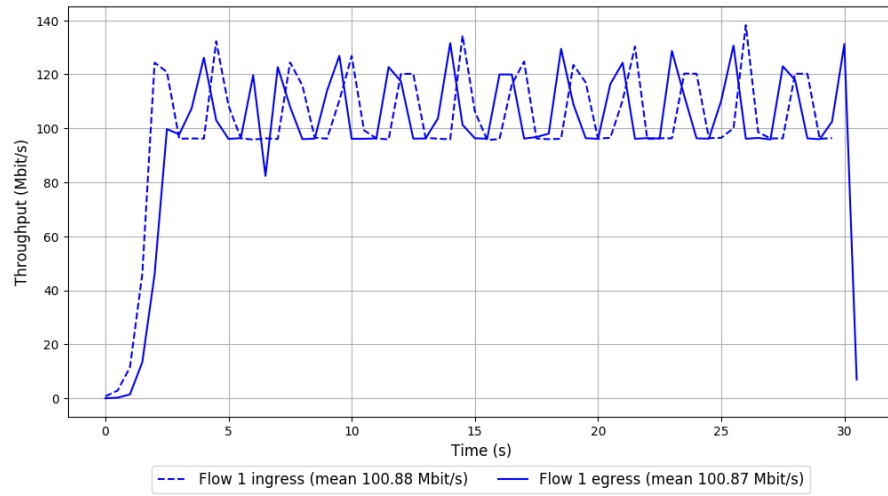


Run 10: Statistics of TCP Vegas

Start at: 2018-07-03 12:36:56
End at: 2018-07-03 12:37:26
Local clock offset: -0.026 ms
Remote clock offset: -1.029 ms

Below is generated by plot.py at 2018-07-03 14:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.87 Mbit/s
95th percentile per-packet one-way delay: 125.381 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.87 Mbit/s
95th percentile per-packet one-way delay: 125.381 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

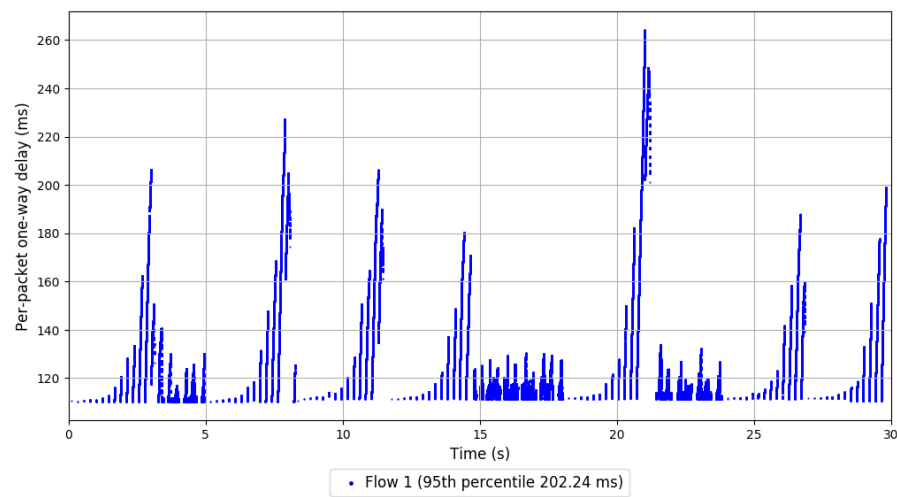
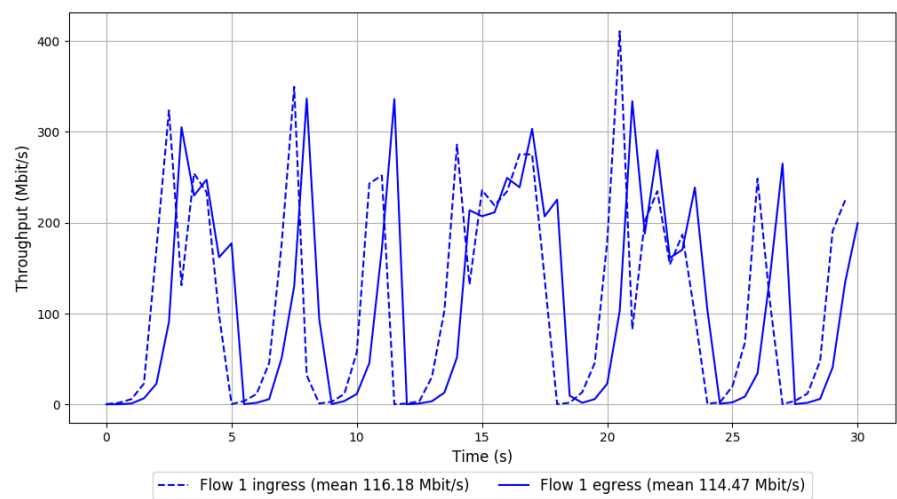


Run 1: Statistics of Verus

Start at: 2018-07-03 09:34:40
End at: 2018-07-03 09:35:10
Local clock offset: 23.686 ms
Remote clock offset: -36.96 ms

Below is generated by plot.py at 2018-07-03 14:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 114.47 Mbit/s
95th percentile per-packet one-way delay: 202.243 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 114.47 Mbit/s
95th percentile per-packet one-way delay: 202.243 ms
Loss rate: 1.40%

Run 1: Report of Verus — Data Link

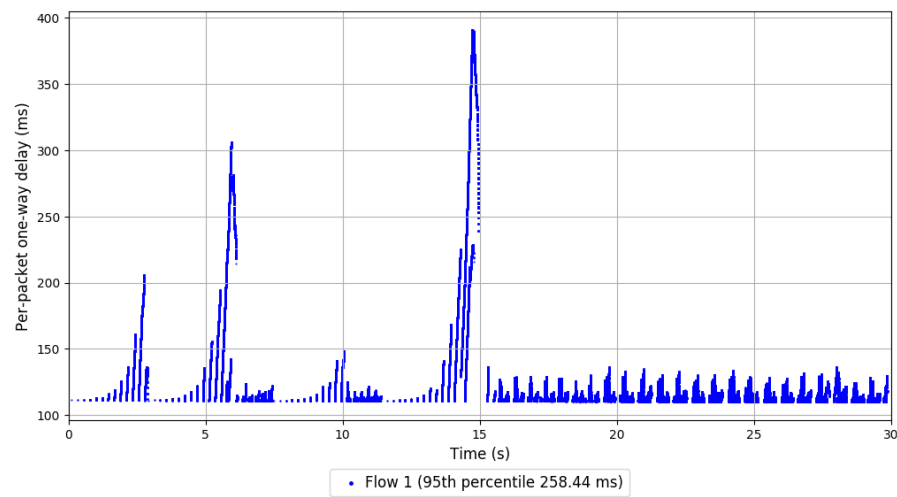
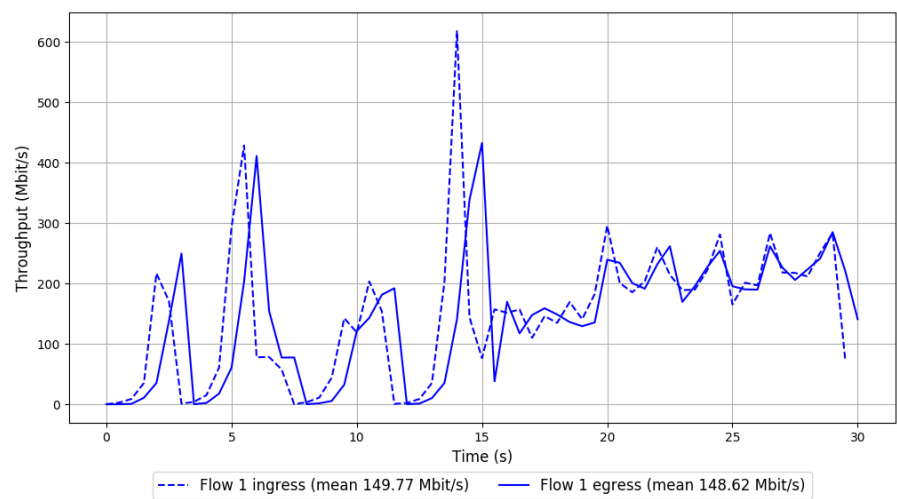


Run 2: Statistics of Verus

Start at: 2018-07-03 09:57:01
End at: 2018-07-03 09:57:31
Local clock offset: 42.377 ms
Remote clock offset: -28.392 ms

Below is generated by plot.py at 2018-07-03 14:12:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 148.62 Mbit/s
95th percentile per-packet one-way delay: 258.435 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 148.62 Mbit/s
95th percentile per-packet one-way delay: 258.435 ms
Loss rate: 0.76%

Run 2: Report of Verus — Data Link

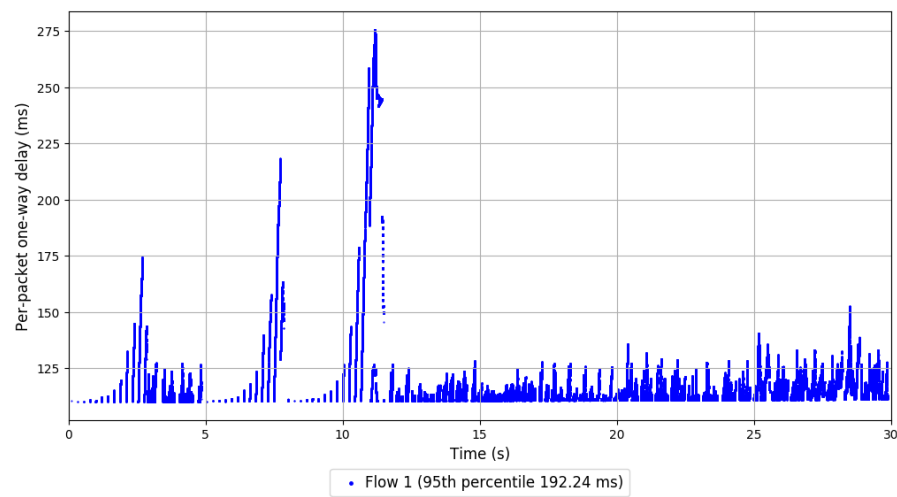
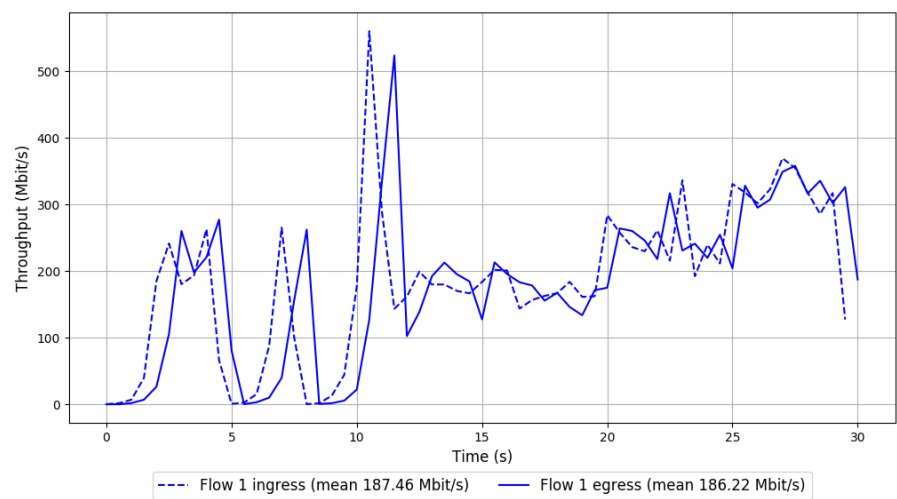


Run 3: Statistics of Verus

Start at: 2018-07-03 10:19:05
End at: 2018-07-03 10:19:35
Local clock offset: 45.138 ms
Remote clock offset: -30.4 ms

Below is generated by plot.py at 2018-07-03 14:13:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 186.22 Mbit/s
95th percentile per-packet one-way delay: 192.241 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 186.22 Mbit/s
95th percentile per-packet one-way delay: 192.241 ms
Loss rate: 0.65%

Run 3: Report of Verus — Data Link

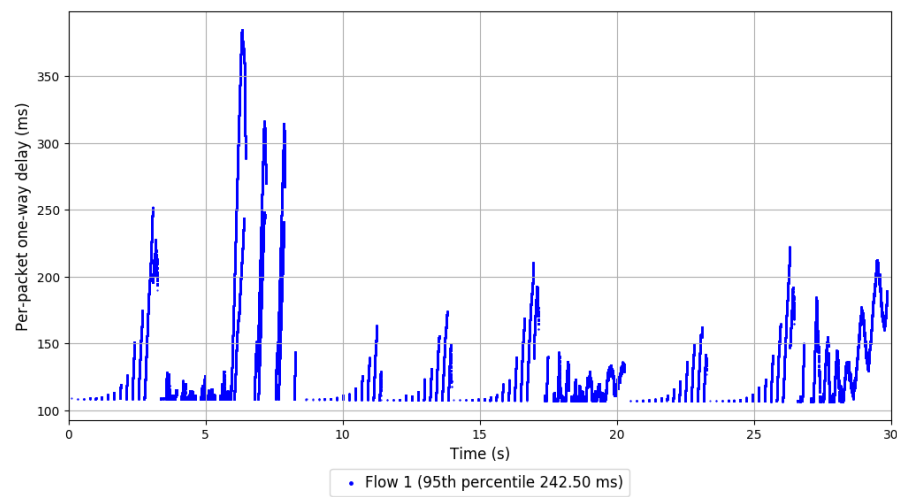
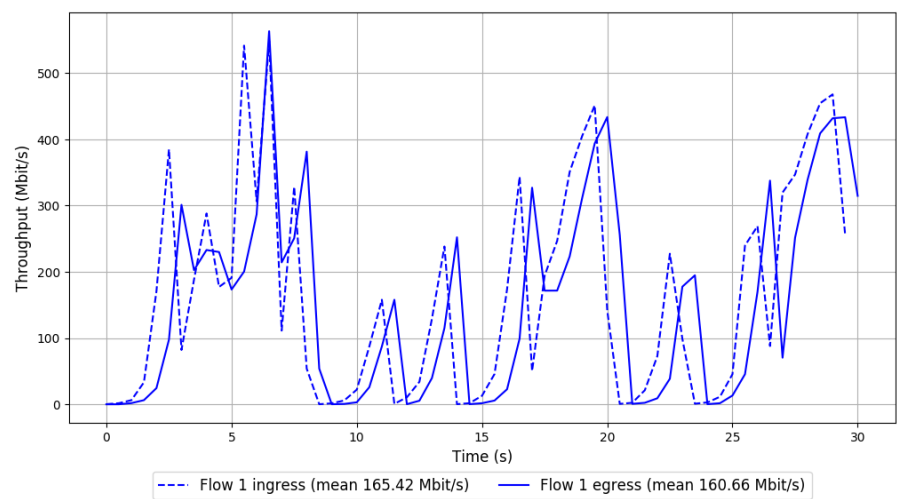


Run 4: Statistics of Verus

Start at: 2018-07-03 10:41:38
End at: 2018-07-03 10:42:08
Local clock offset: 23.749 ms
Remote clock offset: -35.286 ms

Below is generated by plot.py at 2018-07-03 14:13:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 160.66 Mbit/s
95th percentile per-packet one-way delay: 242.502 ms
Loss rate: 2.88%
-- Flow 1:
Average throughput: 160.66 Mbit/s
95th percentile per-packet one-way delay: 242.502 ms
Loss rate: 2.88%

Run 4: Report of Verus — Data Link

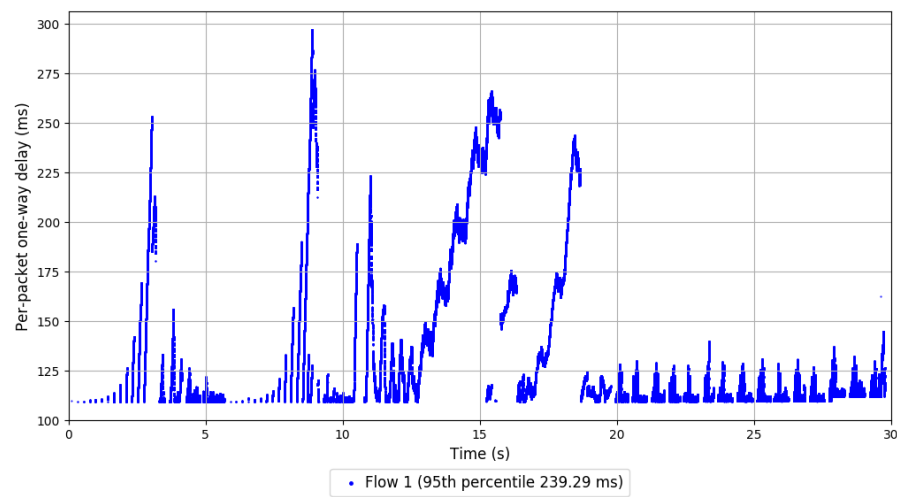
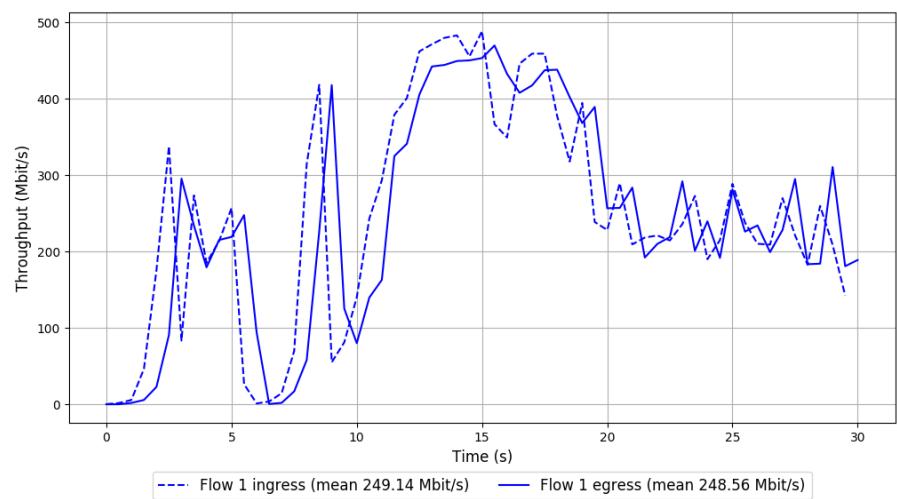


Run 5: Statistics of Verus

Start at: 2018-07-03 11:03:51
End at: 2018-07-03 11:04:21
Local clock offset: 16.299 ms
Remote clock offset: -22.667 ms

Below is generated by plot.py at 2018-07-03 14:14:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 248.56 Mbit/s
95th percentile per-packet one-way delay: 239.293 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 248.56 Mbit/s
95th percentile per-packet one-way delay: 239.293 ms
Loss rate: 0.20%

Run 5: Report of Verus — Data Link

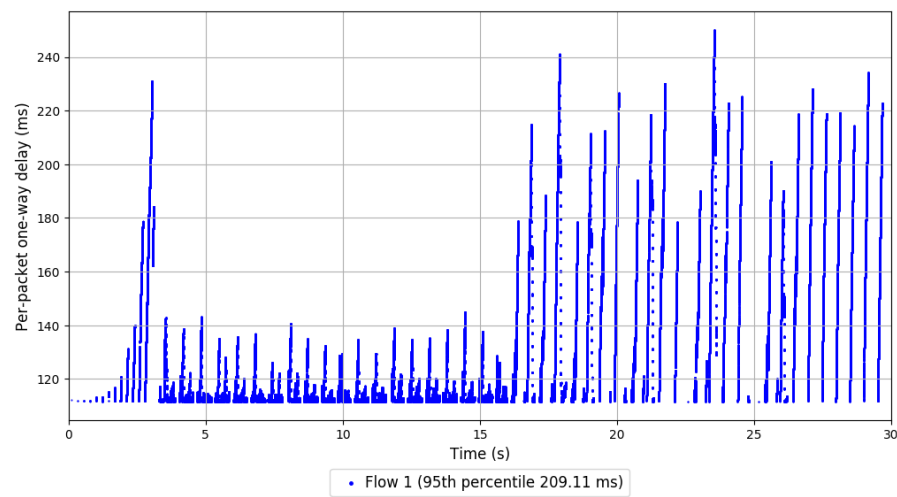
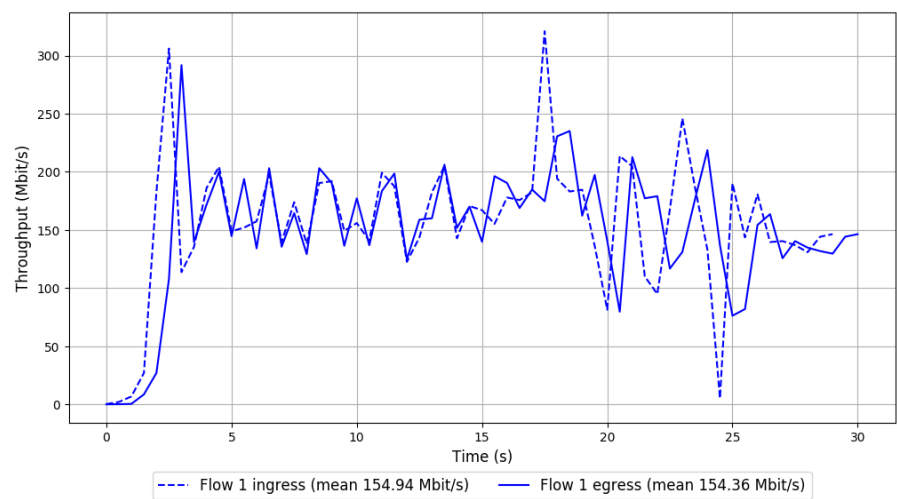


Run 6: Statistics of Verus

Start at: 2018-07-03 11:26:15
End at: 2018-07-03 11:26:45
Local clock offset: 5.622 ms
Remote clock offset: -7.415 ms

Below is generated by plot.py at 2018-07-03 14:14:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 154.36 Mbit/s
95th percentile per-packet one-way delay: 209.106 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 154.36 Mbit/s
95th percentile per-packet one-way delay: 209.106 ms
Loss rate: 0.00%

Run 6: Report of Verus — Data Link

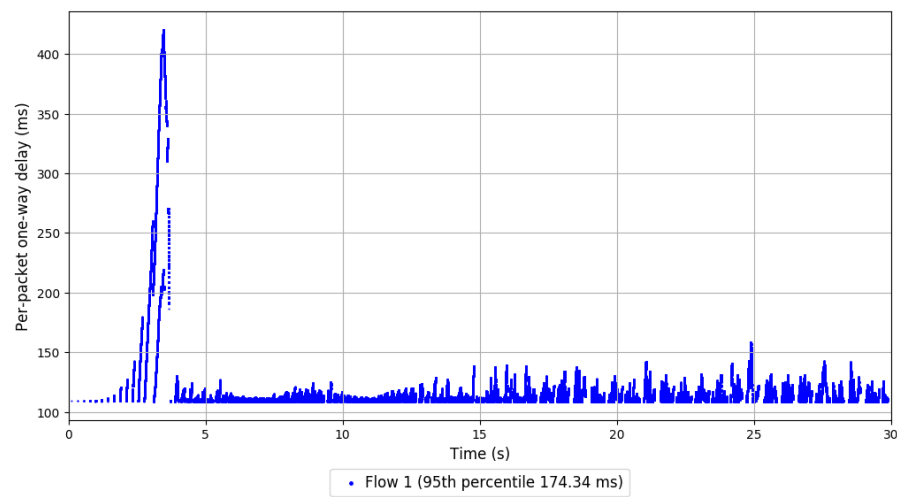
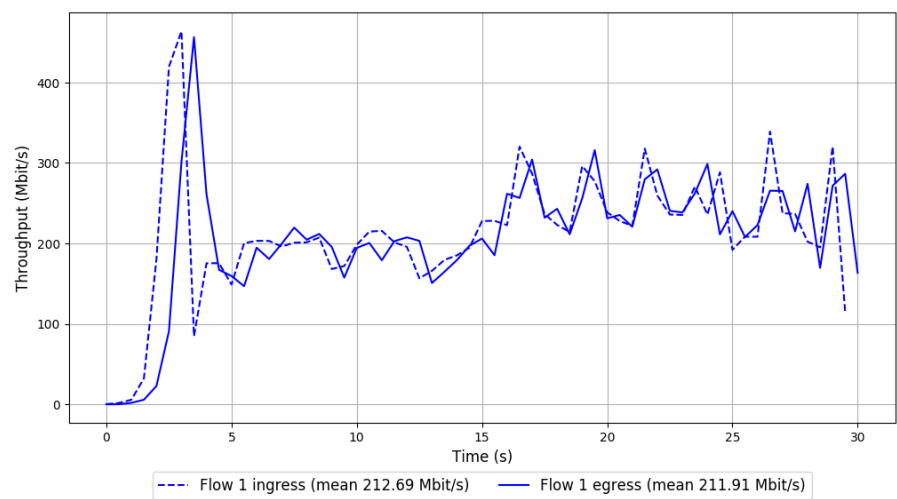


Run 7: Statistics of Verus

Start at: 2018-07-03 11:48:29
End at: 2018-07-03 11:48:59
Local clock offset: 3.421 ms
Remote clock offset: -4.901 ms

Below is generated by plot.py at 2018-07-03 14:15:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 211.91 Mbit/s
95th percentile per-packet one-way delay: 174.338 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 211.91 Mbit/s
95th percentile per-packet one-way delay: 174.338 ms
Loss rate: 0.36%

Run 7: Report of Verus — Data Link

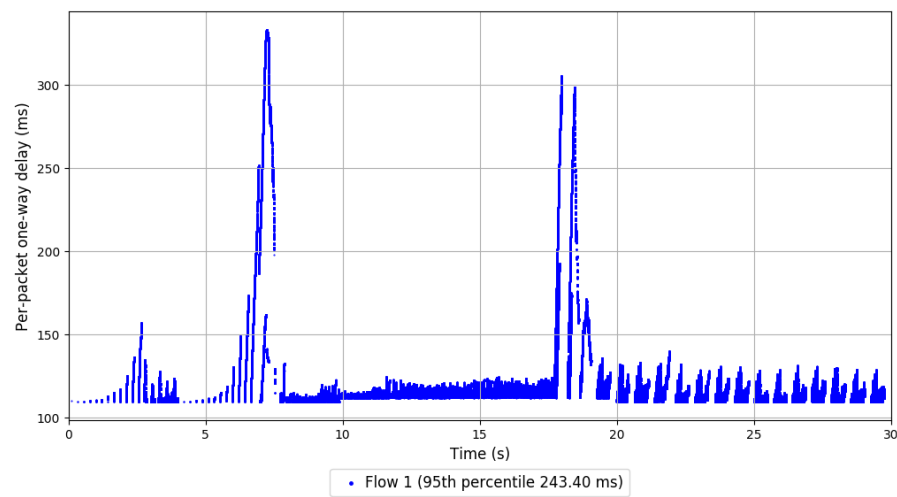
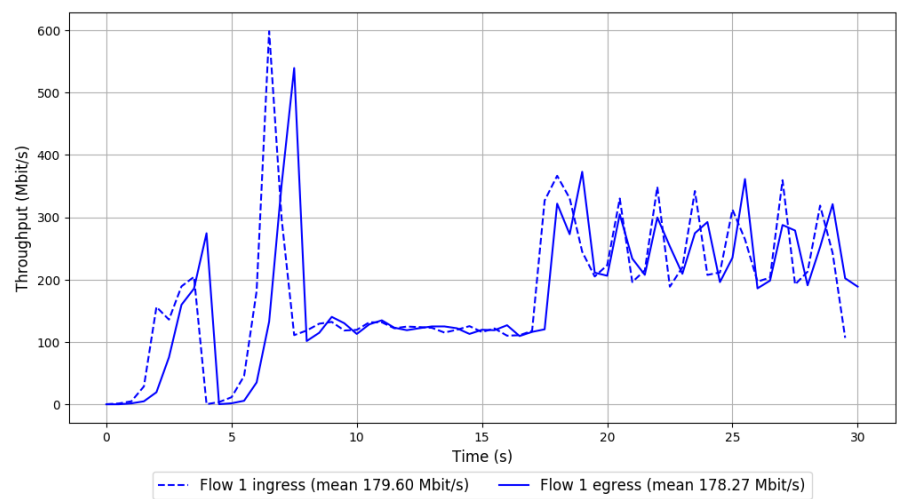


Run 8: Statistics of Verus

Start at: 2018-07-03 12:10:59
End at: 2018-07-03 12:11:29
Local clock offset: 3.058 ms
Remote clock offset: -2.251 ms

Below is generated by plot.py at 2018-07-03 14:15:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 178.27 Mbit/s
95th percentile per-packet one-way delay: 243.403 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 178.27 Mbit/s
95th percentile per-packet one-way delay: 243.403 ms
Loss rate: 0.72%

Run 8: Report of Verus — Data Link

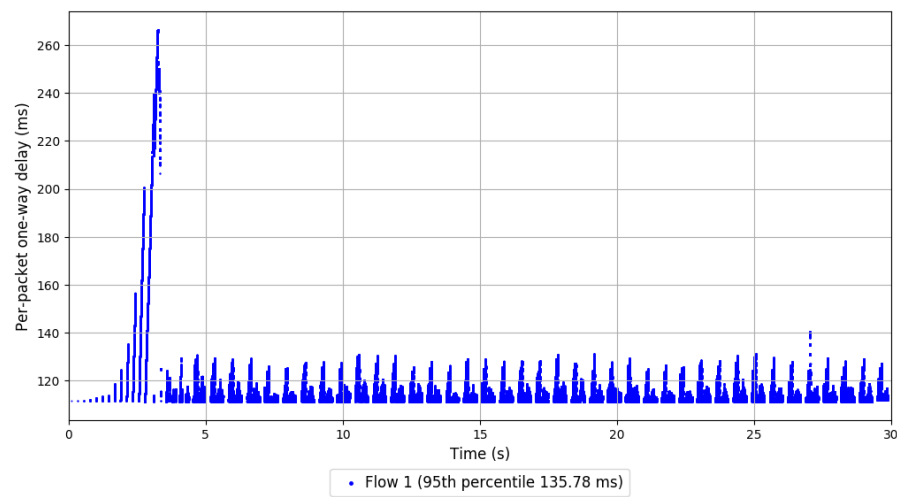
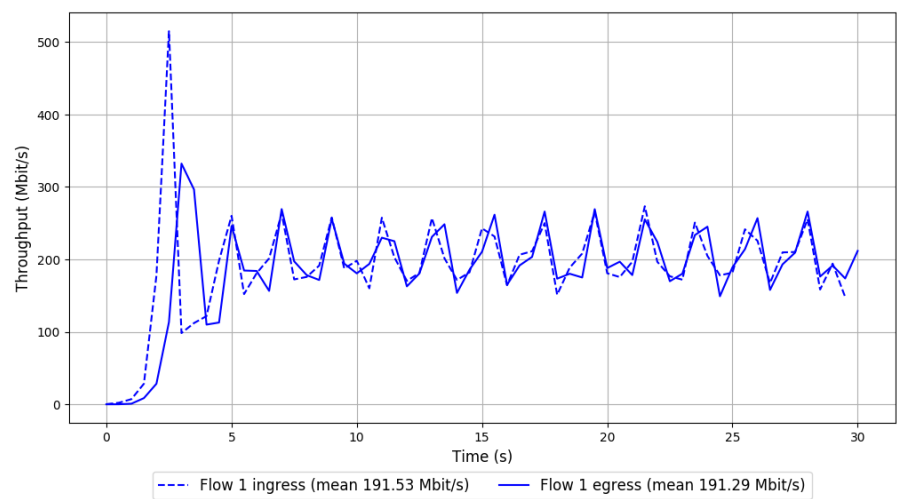


Run 9: Statistics of Verus

Start at: 2018-07-03 12:32:59
End at: 2018-07-03 12:33:29
Local clock offset: 0.907 ms
Remote clock offset: -1.118 ms

Below is generated by plot.py at 2018-07-03 14:15:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 191.29 Mbit/s
95th percentile per-packet one-way delay: 135.779 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 191.29 Mbit/s
95th percentile per-packet one-way delay: 135.779 ms
Loss rate: 0.13%

Run 9: Report of Verus — Data Link

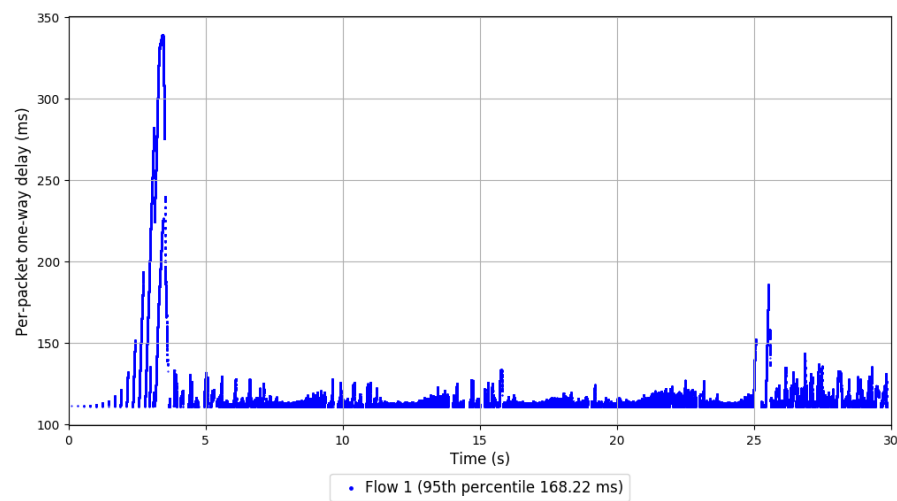
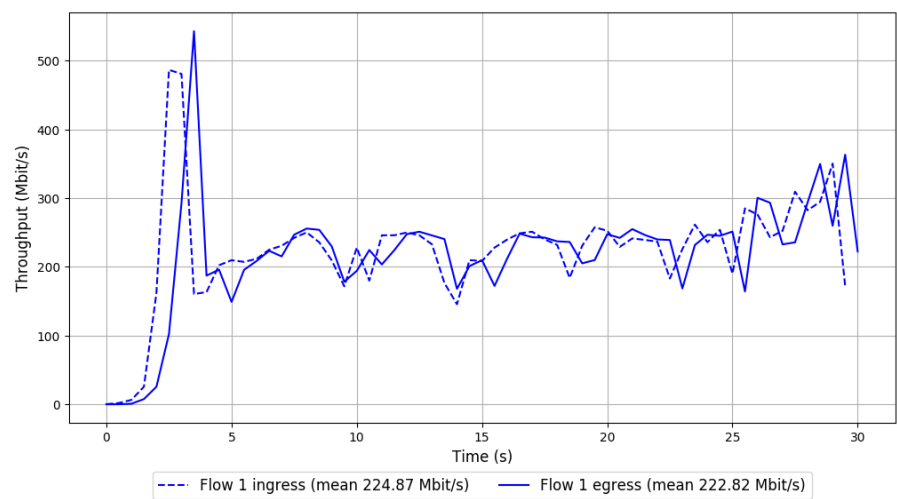


Run 10: Statistics of Verus

Start at: 2018-07-03 12:55:06
End at: 2018-07-03 12:55:36
Local clock offset: 0.789 ms
Remote clock offset: -1.167 ms

Below is generated by plot.py at 2018-07-03 14:16:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 222.82 Mbit/s
95th percentile per-packet one-way delay: 168.221 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 222.82 Mbit/s
95th percentile per-packet one-way delay: 168.221 ms
Loss rate: 0.91%

Run 10: Report of Verus — Data Link

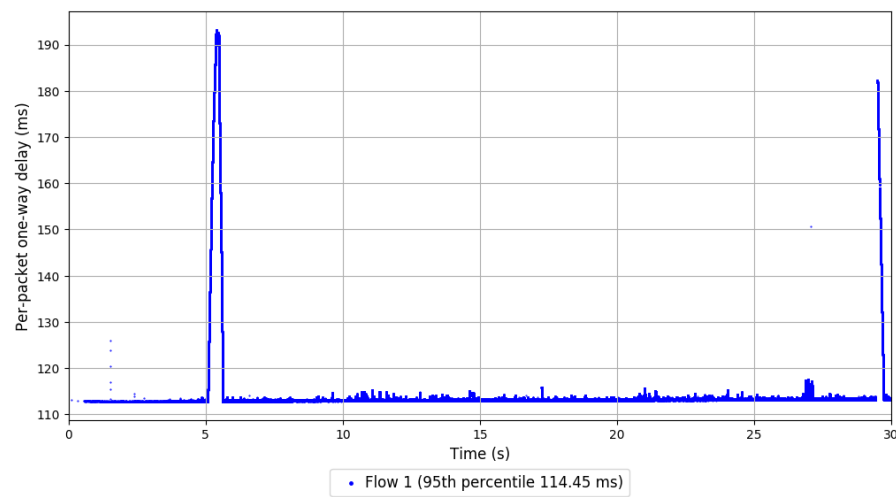
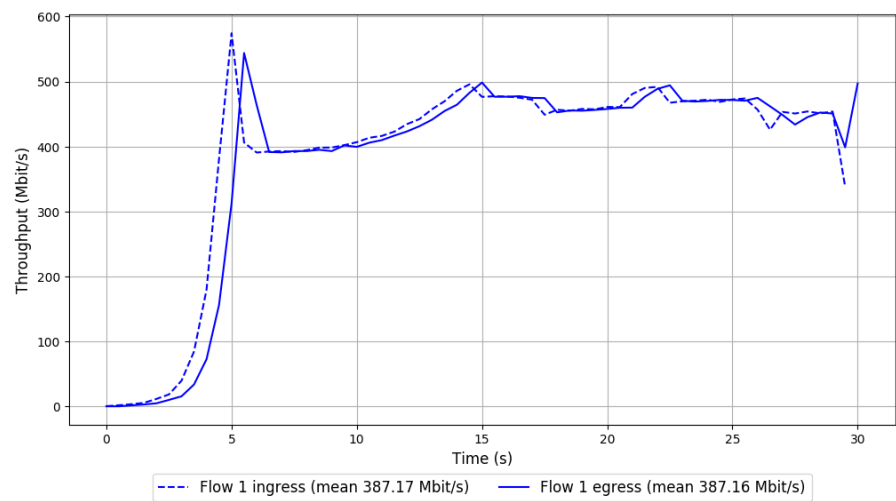


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-03 09:29:23
End at: 2018-07-03 09:29:53
Local clock offset: 46.748 ms
Remote clock offset: -46.667 ms

Below is generated by plot.py at 2018-07-03 14:19:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 387.16 Mbit/s
95th percentile per-packet one-way delay: 114.451 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 387.16 Mbit/s
95th percentile per-packet one-way delay: 114.451 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

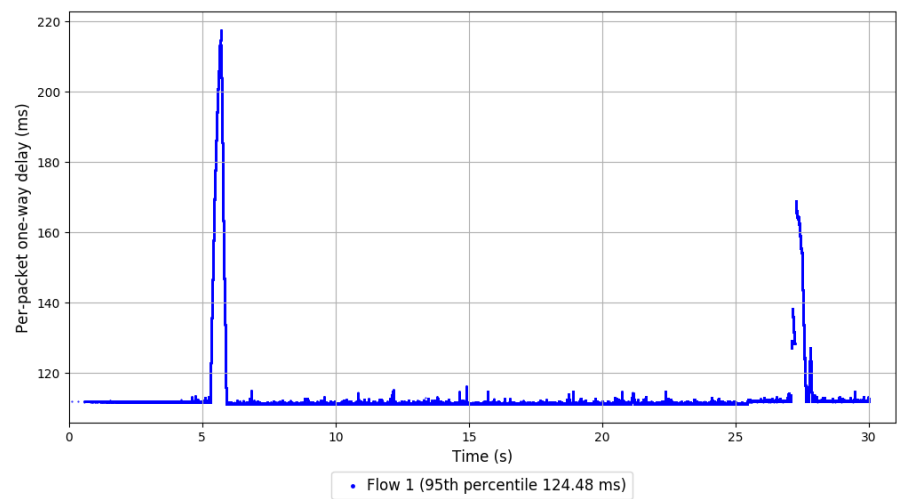
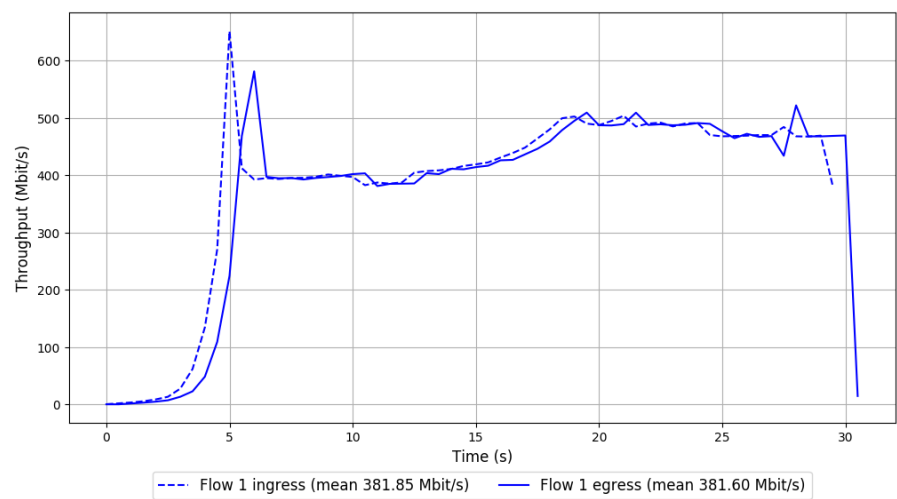


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-03 09:51:33
End at: 2018-07-03 09:52:03
Local clock offset: 31.616 ms
Remote clock offset: -31.703 ms

Below is generated by plot.py at 2018-07-03 14:20:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 381.60 Mbit/s
95th percentile per-packet one-way delay: 124.482 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 381.60 Mbit/s
95th percentile per-packet one-way delay: 124.482 ms
Loss rate: 0.07%

Run 2: Report of PCC-Vivace — Data Link

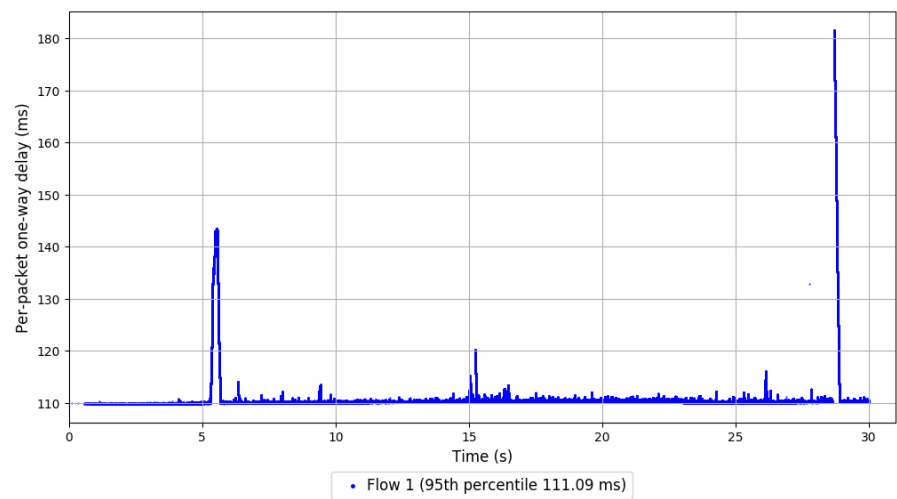
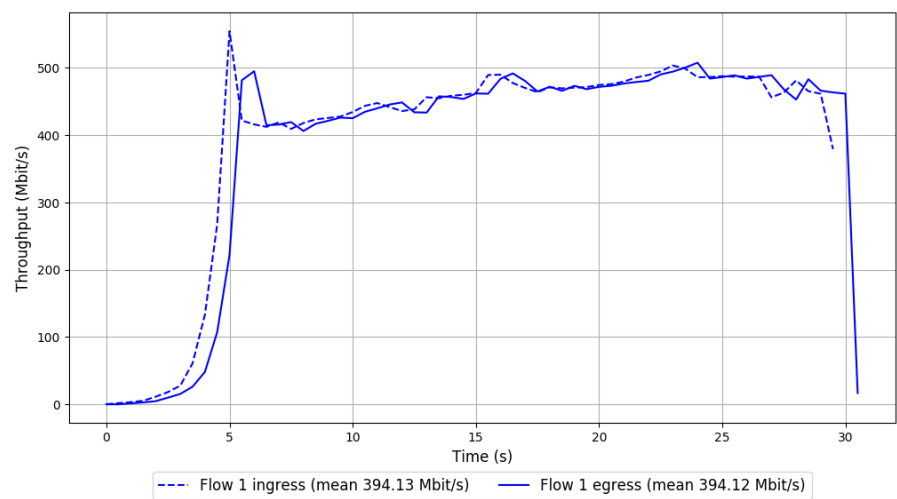


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-03 10:13:46
End at: 2018-07-03 10:14:16
Local clock offset: 39.532 ms
Remote clock offset: -27.149 ms

Below is generated by plot.py at 2018-07-03 14:20:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 394.12 Mbit/s
95th percentile per-packet one-way delay: 111.087 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 394.12 Mbit/s
95th percentile per-packet one-way delay: 111.087 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

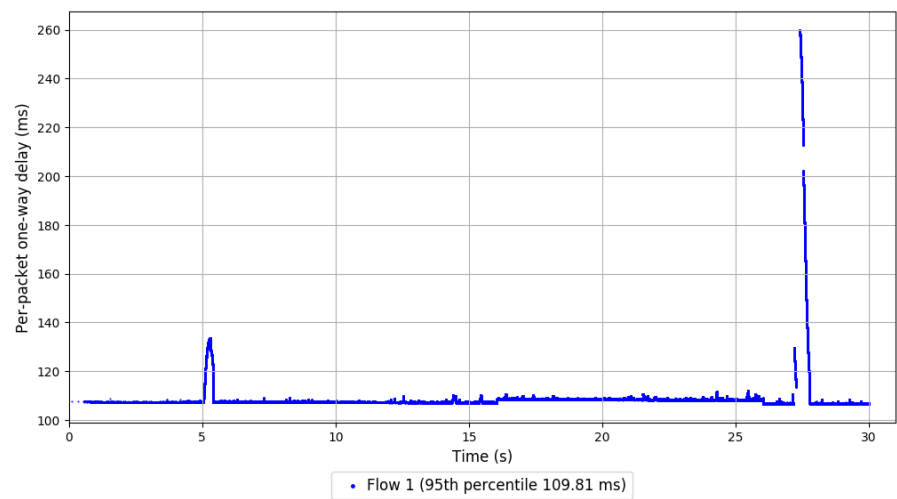
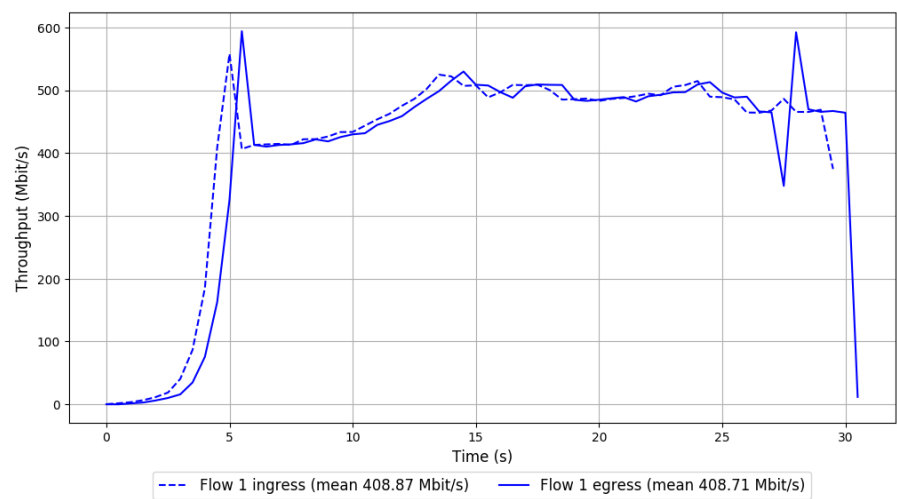


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-03 10:36:13
End at: 2018-07-03 10:36:43
Local clock offset: 38.944 ms
Remote clock offset: -52.132 ms

Below is generated by plot.py at 2018-07-03 14:21:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 408.71 Mbit/s
95th percentile per-packet one-way delay: 109.813 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 408.71 Mbit/s
95th percentile per-packet one-way delay: 109.813 ms
Loss rate: 0.04%

Run 4: Report of PCC-Vivace — Data Link

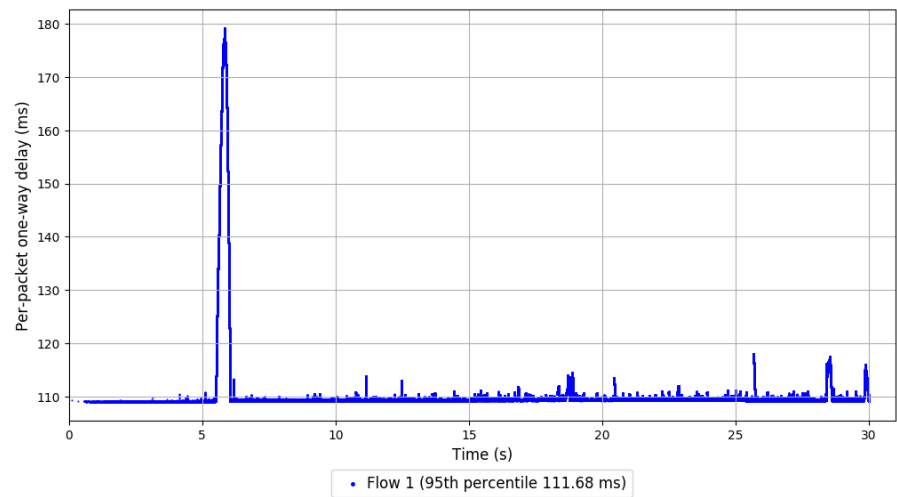
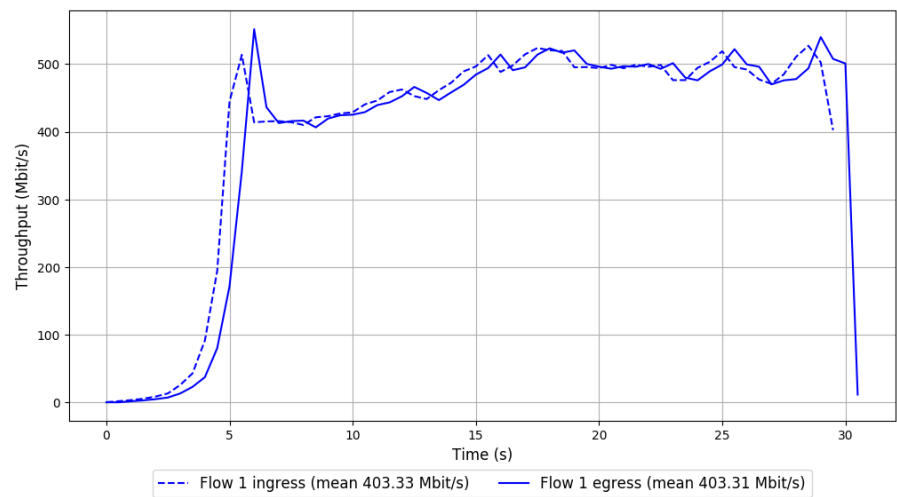


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-03 10:58:33
End at: 2018-07-03 10:59:03
Local clock offset: 16.39 ms
Remote clock offset: -20.685 ms

Below is generated by plot.py at 2018-07-03 14:21:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 403.31 Mbit/s
95th percentile per-packet one-way delay: 111.678 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 403.31 Mbit/s
95th percentile per-packet one-way delay: 111.678 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

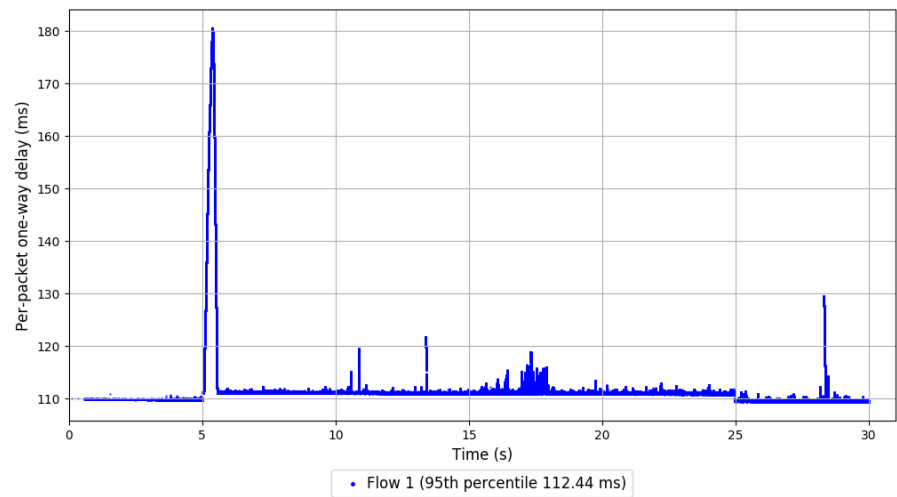
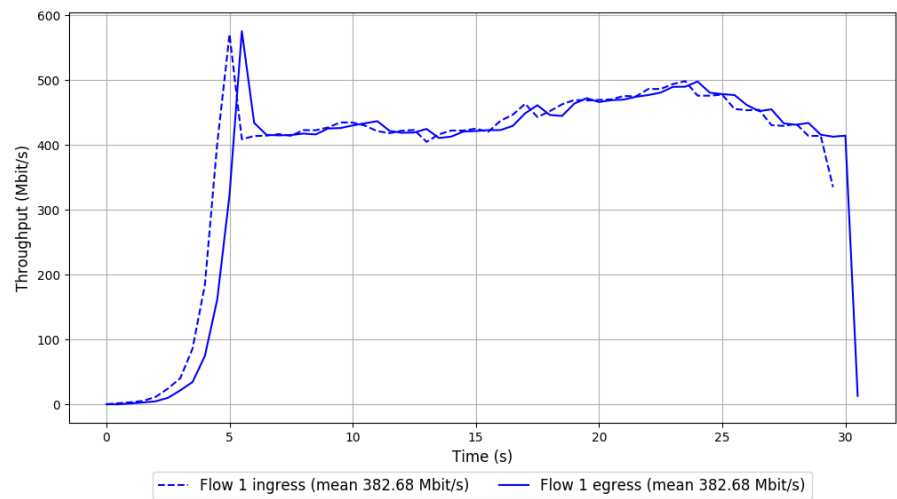


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-03 11:20:44
End at: 2018-07-03 11:21:14
Local clock offset: 5.929 ms
Remote clock offset: -10.873 ms

Below is generated by plot.py at 2018-07-03 14:21:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 382.68 Mbit/s
95th percentile per-packet one-way delay: 112.442 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 382.68 Mbit/s
95th percentile per-packet one-way delay: 112.442 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-07-03 11:43:07

End at: 2018-07-03 11:43:38

Local clock offset: 4.951 ms

Remote clock offset: -6.19 ms

Below is generated by plot.py at 2018-07-03 14:21:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 375.98 Mbit/s

95th percentile per-packet one-way delay: 116.755 ms

Loss rate: 0.01%

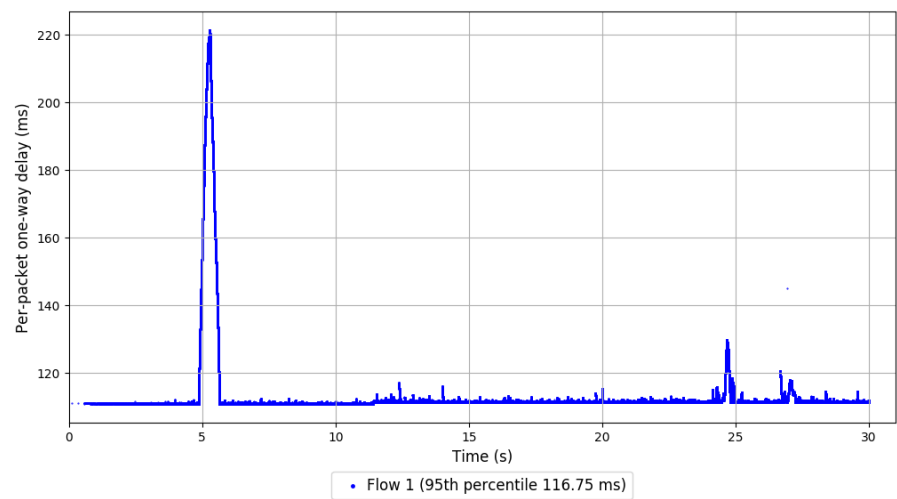
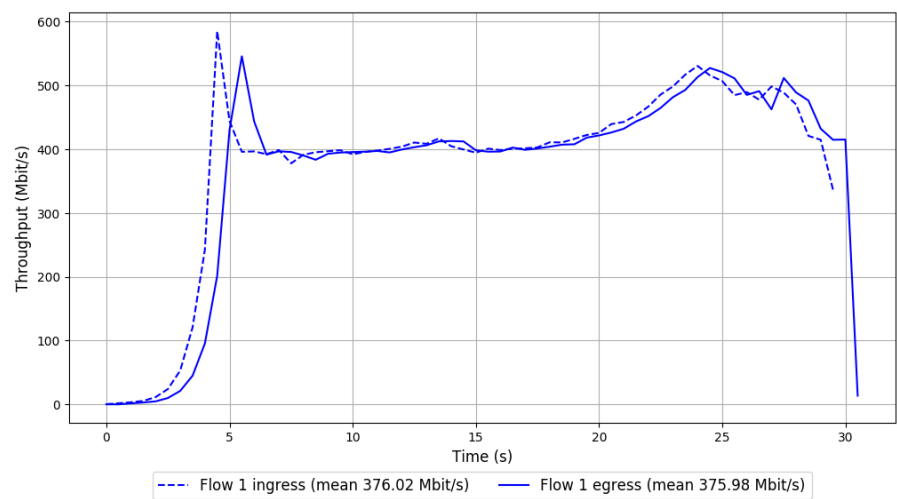
-- Flow 1:

Average throughput: 375.98 Mbit/s

95th percentile per-packet one-way delay: 116.755 ms

Loss rate: 0.01%

Run 7: Report of PCC-Vivace — Data Link

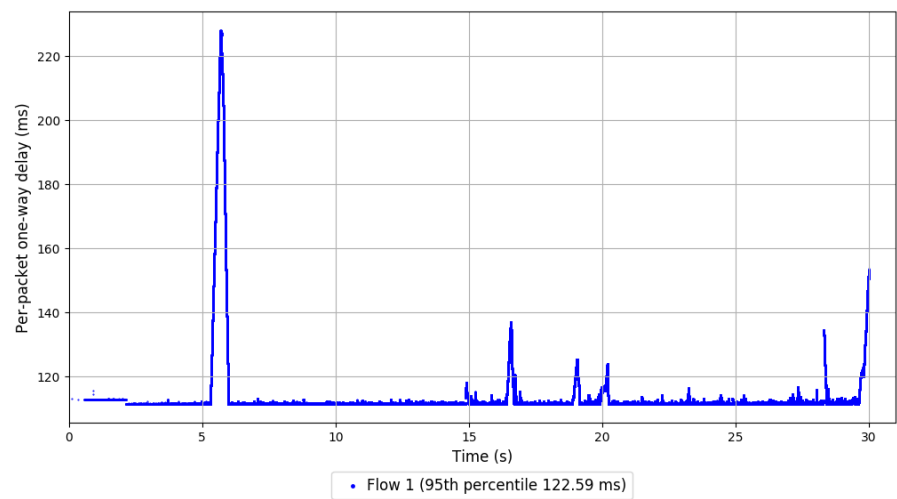
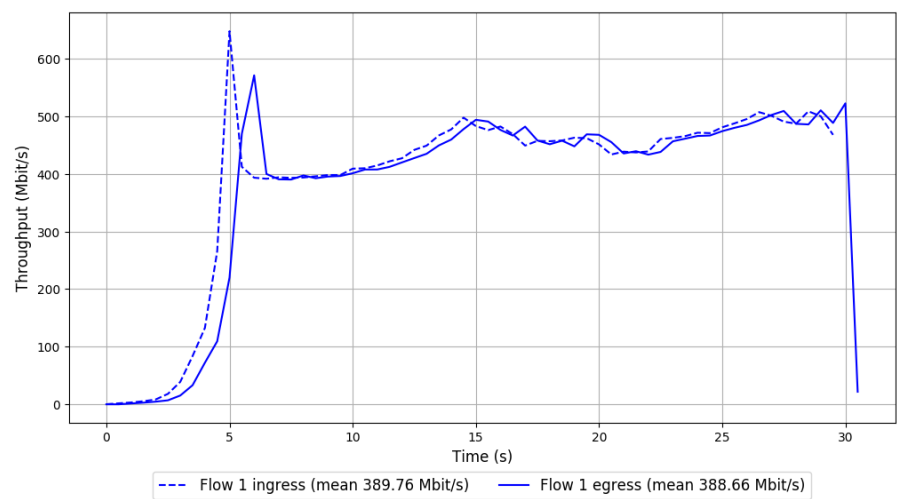


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-03 12:05:37
End at: 2018-07-03 12:06:07
Local clock offset: 1.545 ms
Remote clock offset: -2.219 ms

Below is generated by plot.py at 2018-07-03 14:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 388.66 Mbit/s
95th percentile per-packet one-way delay: 122.591 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 388.66 Mbit/s
95th percentile per-packet one-way delay: 122.591 ms
Loss rate: 0.28%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

Start at: 2018-07-03 12:27:36

End at: 2018-07-03 12:28:06

Local clock offset: 1.28 ms

Remote clock offset: -1.406 ms

Below is generated by plot.py at 2018-07-03 14:22:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 394.00 Mbit/s

95th percentile per-packet one-way delay: 117.268 ms

Loss rate: 0.06%

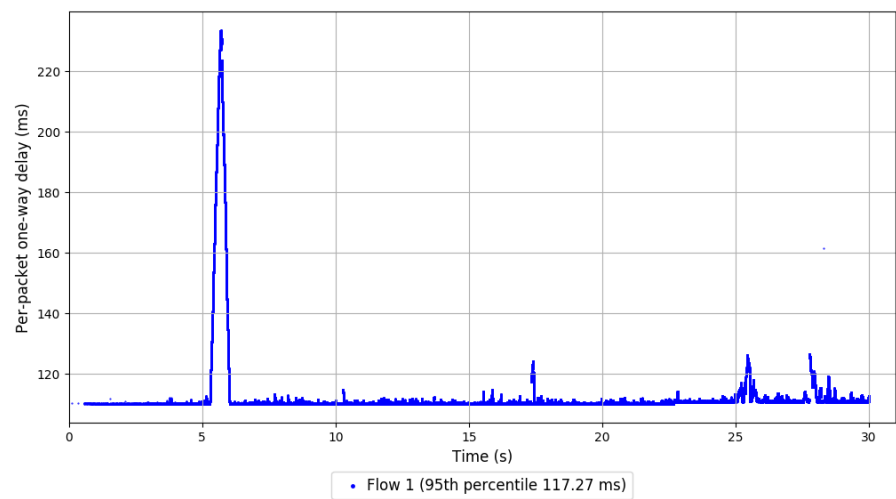
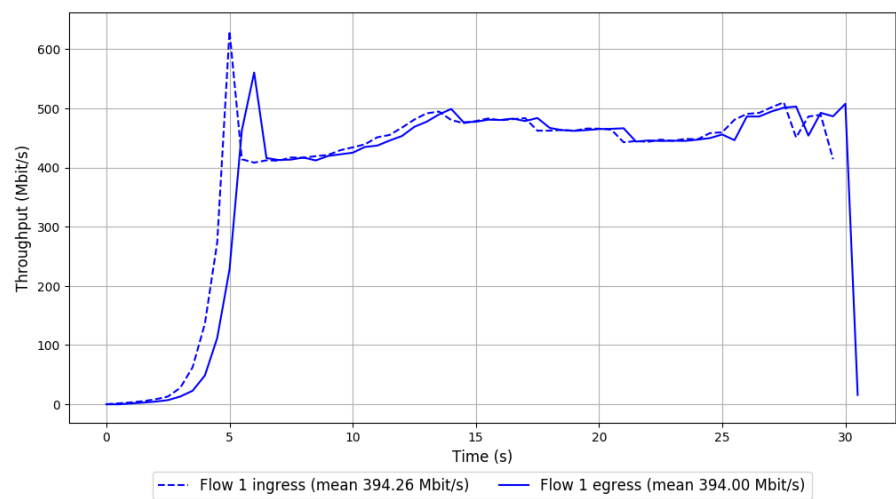
-- Flow 1:

Average throughput: 394.00 Mbit/s

95th percentile per-packet one-way delay: 117.268 ms

Loss rate: 0.06%

Run 9: Report of PCC-Vivace — Data Link

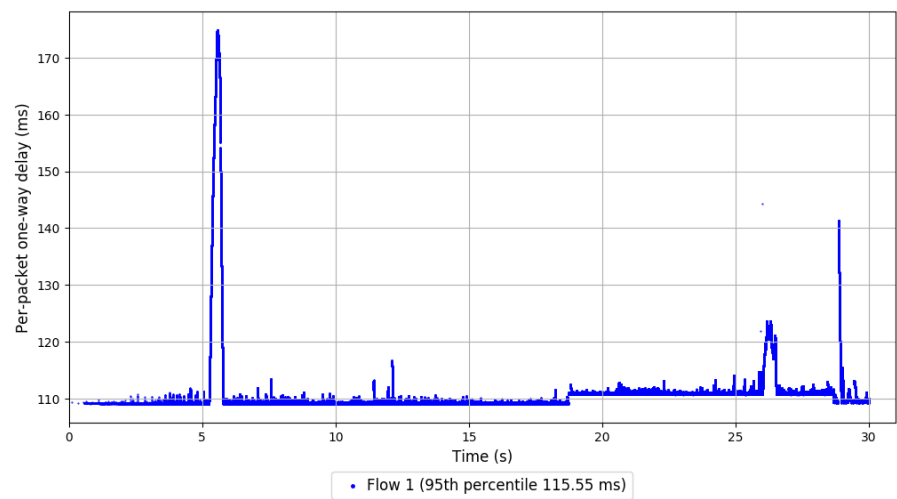
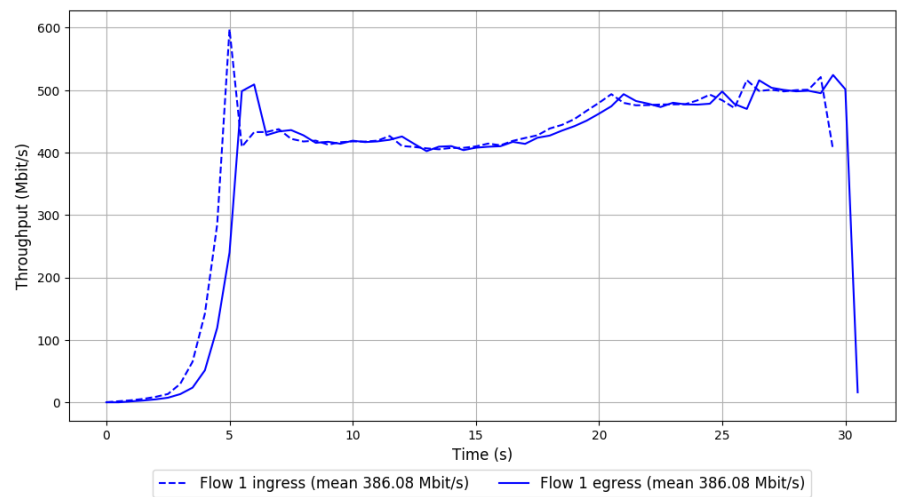


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-03 12:49:40
End at: 2018-07-03 12:50:10
Local clock offset: 1.265 ms
Remote clock offset: -1.248 ms

Below is generated by plot.py at 2018-07-03 14:22:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 386.08 Mbit/s
95th percentile per-packet one-way delay: 115.554 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 386.08 Mbit/s
95th percentile per-packet one-way delay: 115.554 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

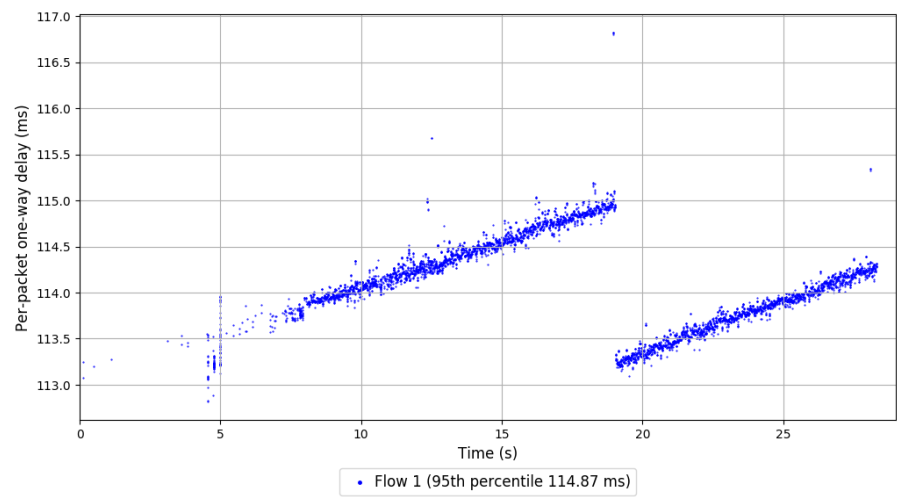
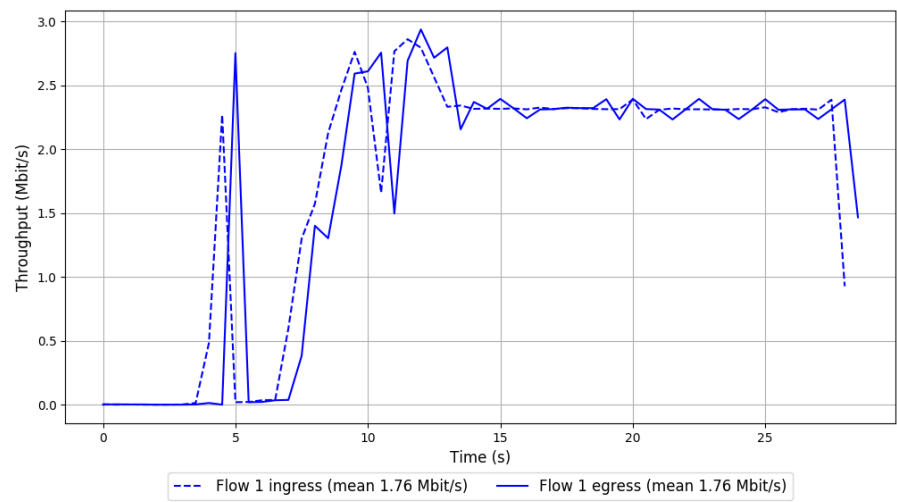


Run 1: Statistics of WebRTC media

Start at: 2018-07-03 09:21:28
End at: 2018-07-03 09:21:58
Local clock offset: 29.329 ms
Remote clock offset: -26.336 ms

Below is generated by plot.py at 2018-07-03 14:22:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 114.871 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 114.871 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

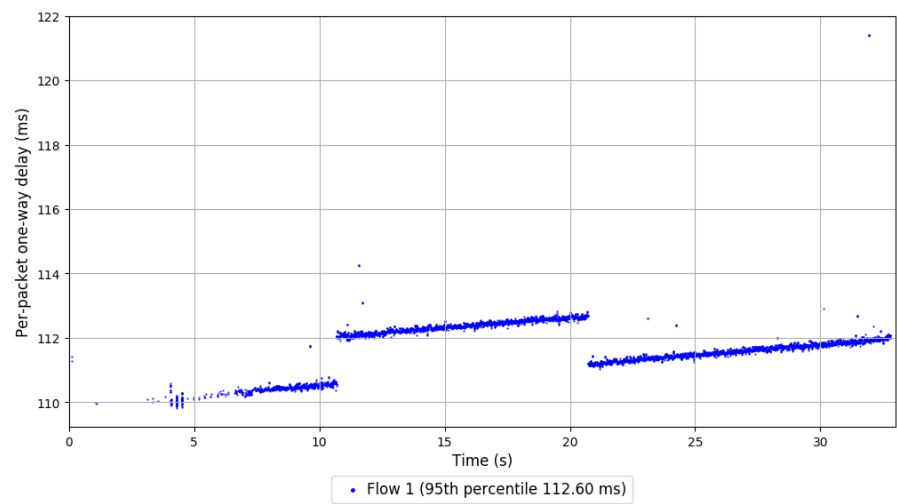
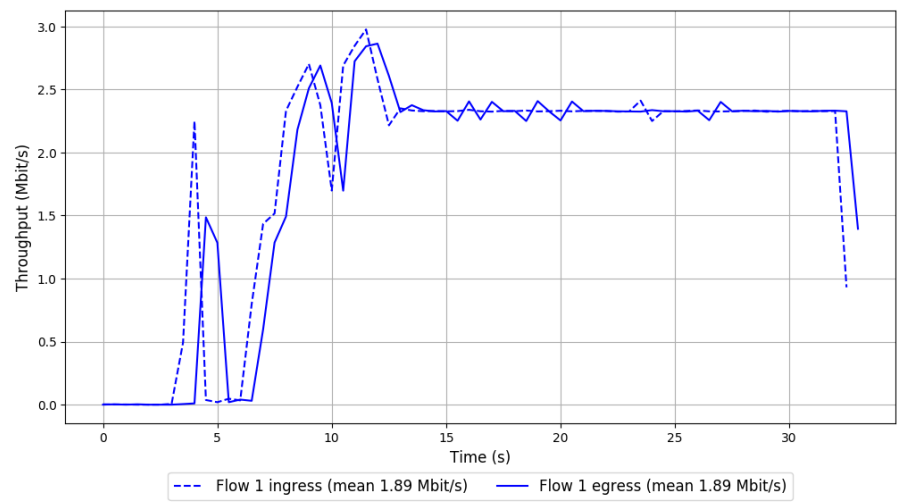


Run 2: Statistics of WebRTC media

Start at: 2018-07-03 09:43:31
End at: 2018-07-03 09:44:01
Local clock offset: 22.388 ms
Remote clock offset: -62.764 ms

Below is generated by plot.py at 2018-07-03 14:22:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 112.601 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 112.601 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

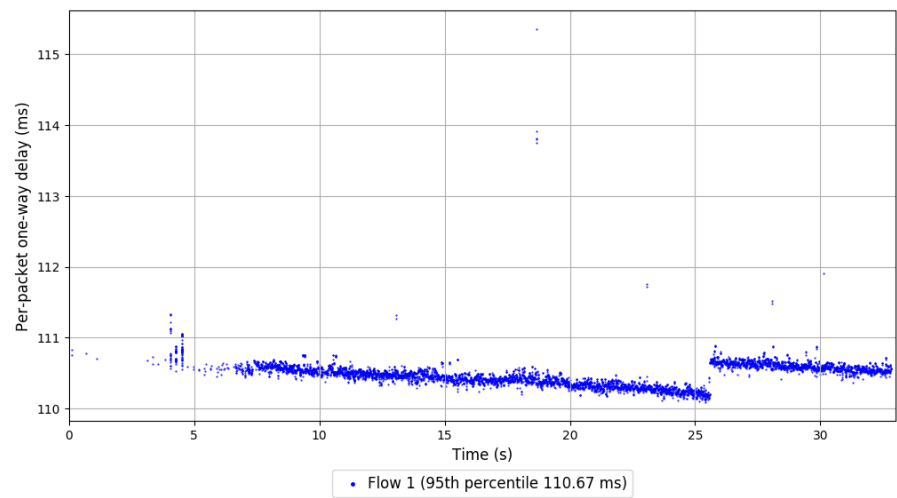
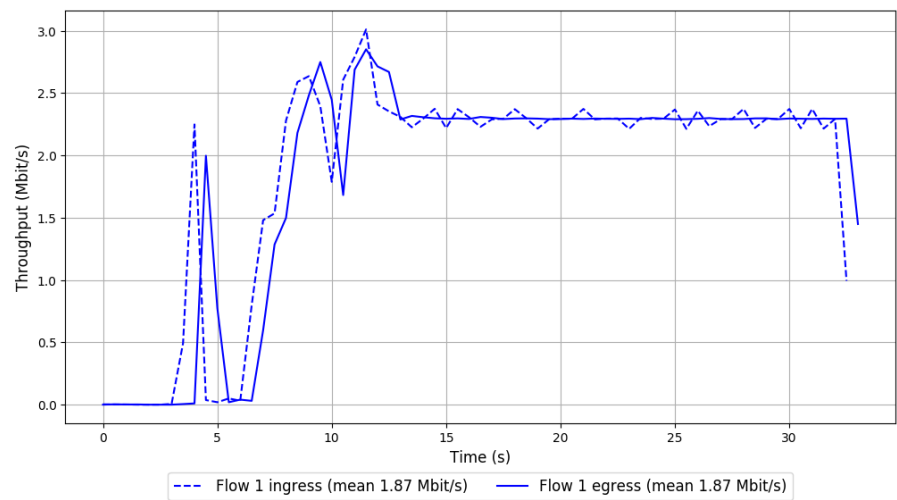


Run 3: Statistics of WebRTC media

Start at: 2018-07-03 10:05:46
End at: 2018-07-03 10:06:16
Local clock offset: 32.327 ms
Remote clock offset: -31.325 ms

Below is generated by plot.py at 2018-07-03 14:22:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 110.674 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 110.674 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

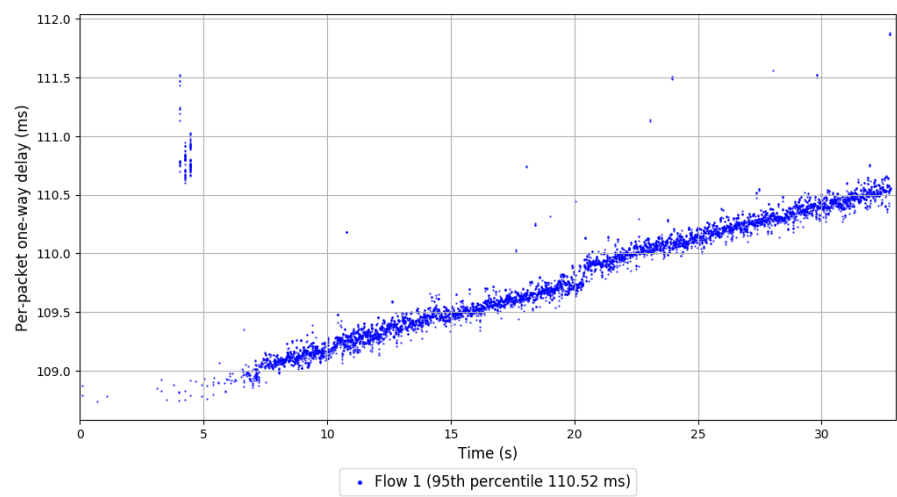
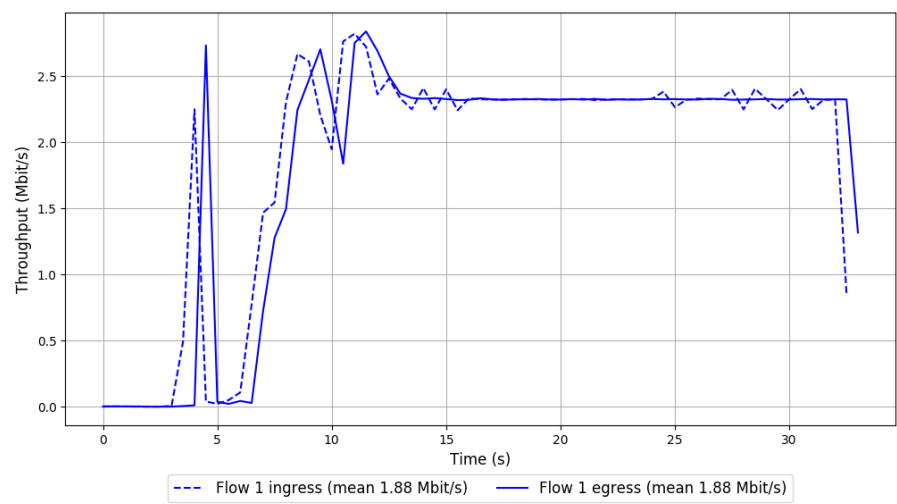


Run 4: Statistics of WebRTC media

Start at: 2018-07-03 10:28:11
End at: 2018-07-03 10:28:41
Local clock offset: 61.658 ms
Remote clock offset: -40.793 ms

Below is generated by plot.py at 2018-07-03 14:22:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 110.517 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 110.517 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

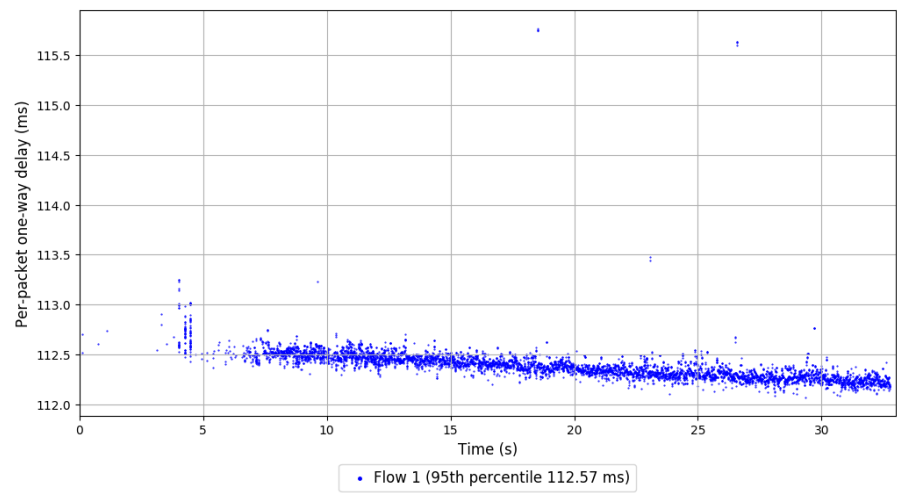
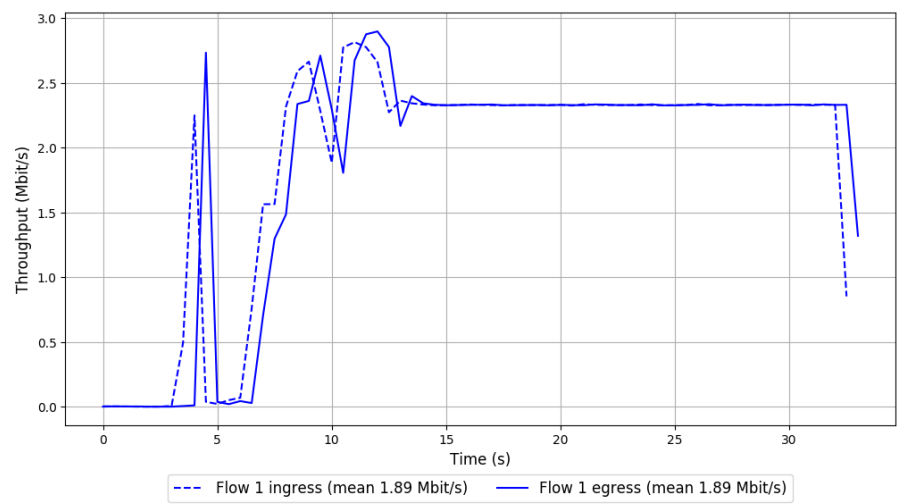


Run 5: Statistics of WebRTC media

Start at: 2018-07-03 10:50:35
End at: 2018-07-03 10:51:05
Local clock offset: 14.224 ms
Remote clock offset: -21.492 ms

Below is generated by plot.py at 2018-07-03 14:22:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 112.569 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 112.569 ms
Loss rate: 0.06%

Run 5: Report of WebRTC media — Data Link

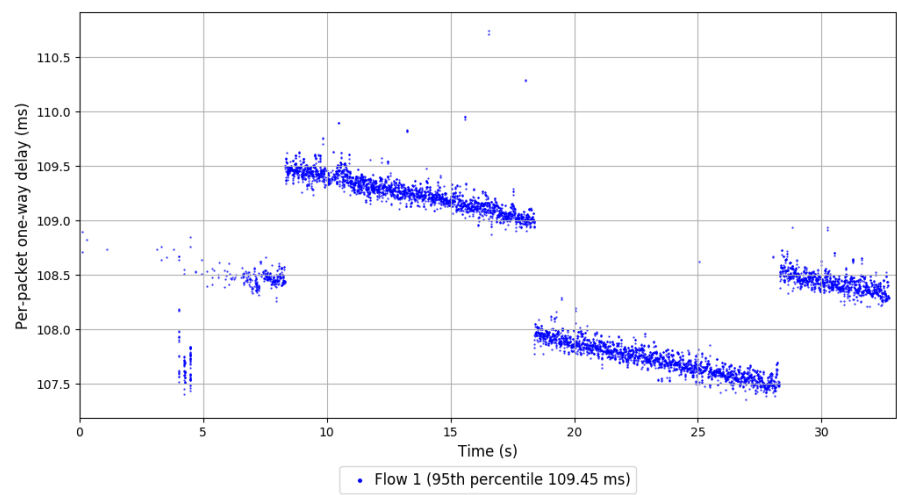
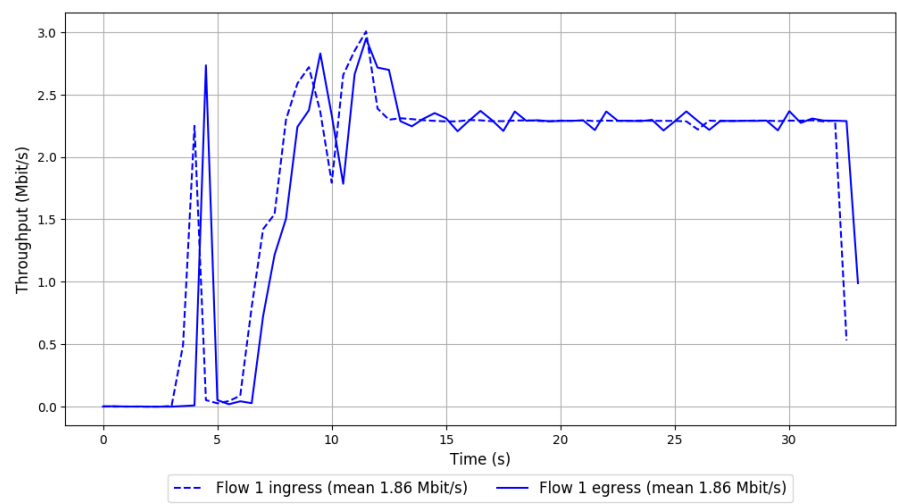


Run 6: Statistics of WebRTC media

Start at: 2018-07-03 11:12:53
End at: 2018-07-03 11:13:23
Local clock offset: 9.745 ms
Remote clock offset: -22.943 ms

Below is generated by plot.py at 2018-07-03 14:22:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 109.455 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 109.455 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

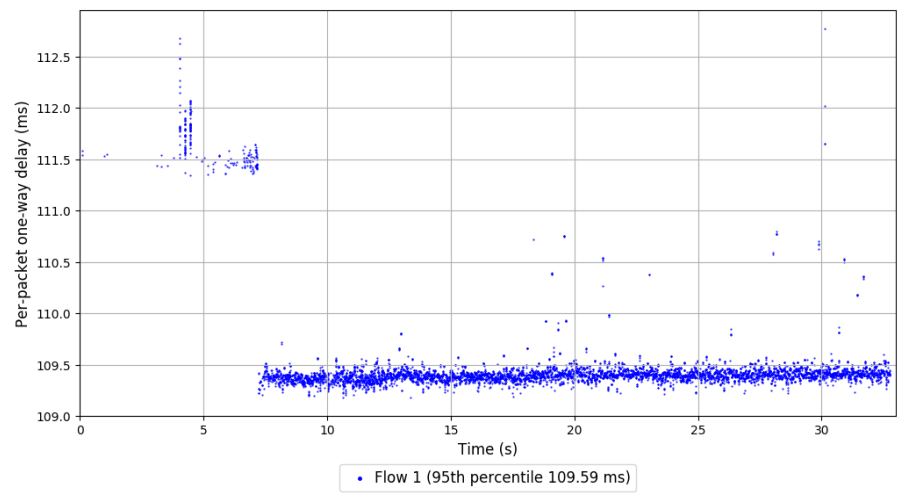
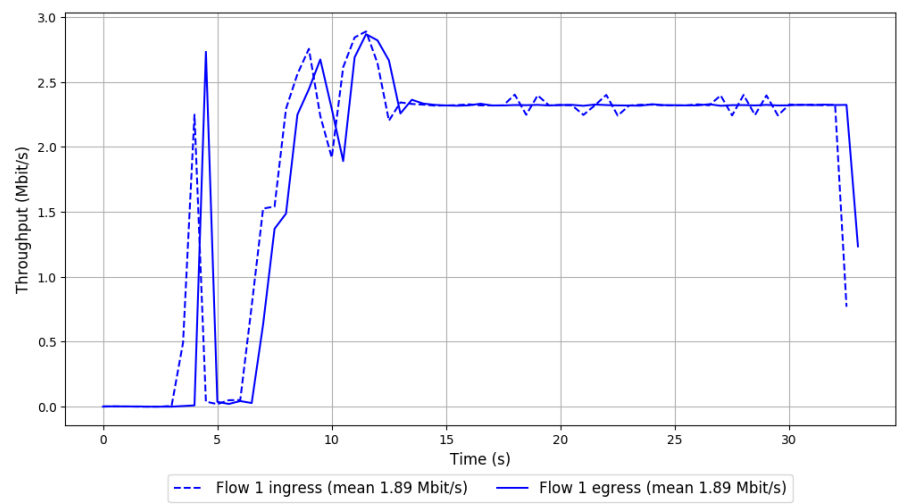


Run 7: Statistics of WebRTC media

Start at: 2018-07-03 11:35:04
End at: 2018-07-03 11:35:34
Local clock offset: 6.717 ms
Remote clock offset: -5.893 ms

Below is generated by plot.py at 2018-07-03 14:22:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 109.586 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 109.586 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

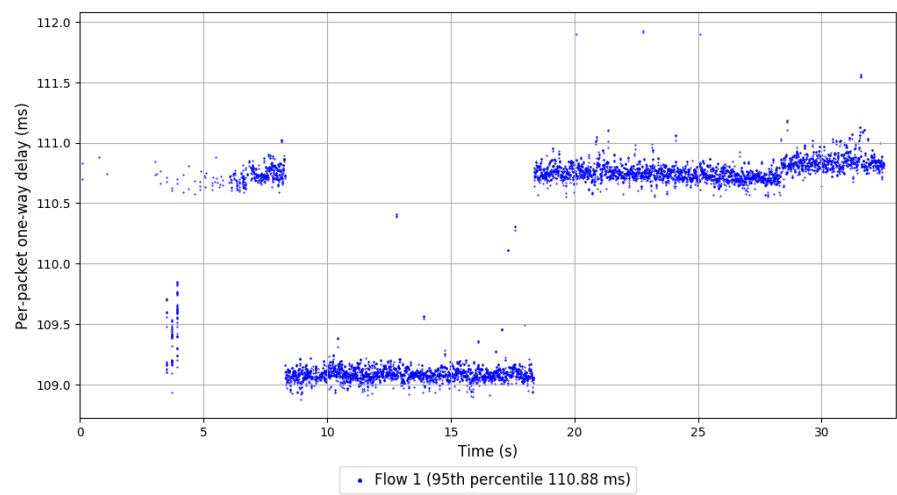
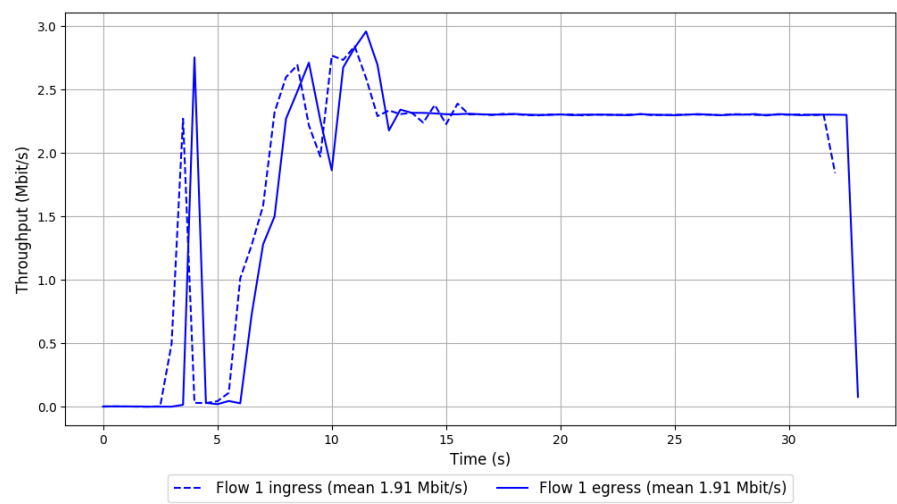


Run 8: Statistics of WebRTC media

Start at: 2018-07-03 11:57:43
End at: 2018-07-03 11:58:13
Local clock offset: 2.778 ms
Remote clock offset: -2.567 ms

Below is generated by plot.py at 2018-07-03 14:22:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 110.876 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 110.876 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

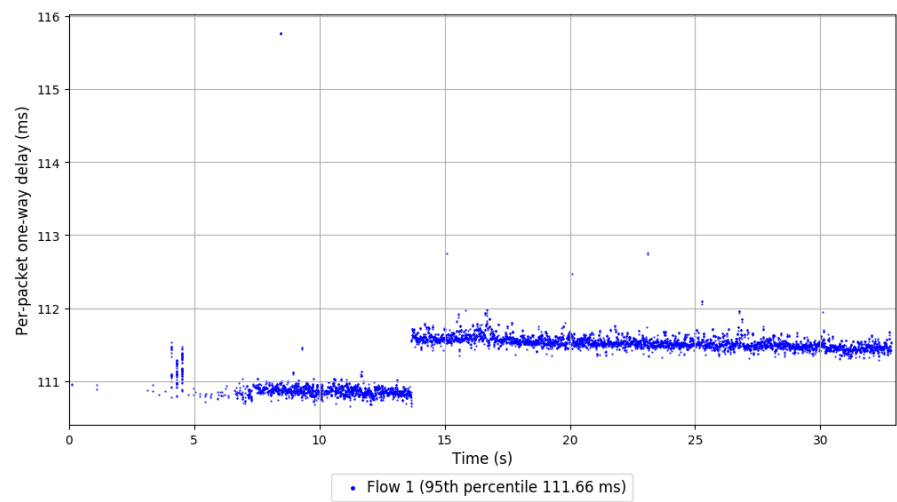
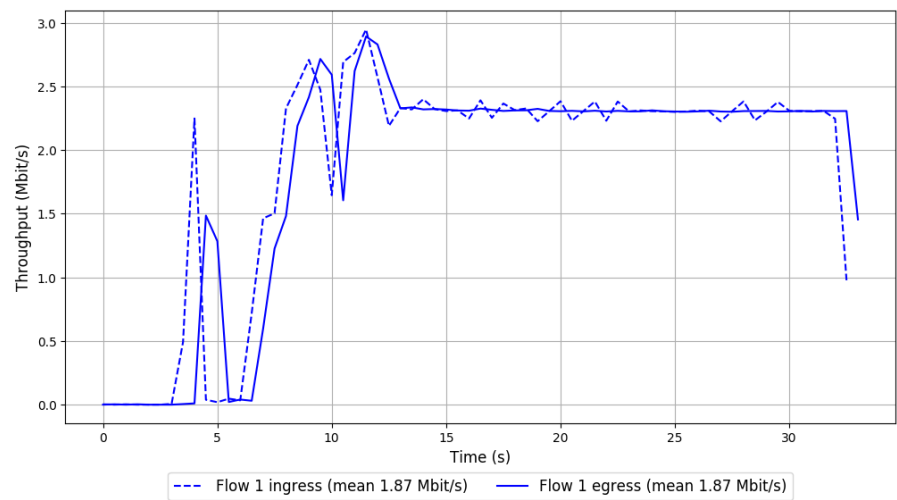


Run 9: Statistics of WebRTC media

Start at: 2018-07-03 12:19:48
End at: 2018-07-03 12:20:18
Local clock offset: 1.917 ms
Remote clock offset: -2.664 ms

Below is generated by plot.py at 2018-07-03 14:22:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 111.655 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 111.655 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-03 12:41:54

End at: 2018-07-03 12:42:24

Local clock offset: 1.23 ms

Remote clock offset: -1.06 ms

Below is generated by plot.py at 2018-07-03 14:22:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.88 Mbit/s

95th percentile per-packet one-way delay: 112.140 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.88 Mbit/s

95th percentile per-packet one-way delay: 112.140 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

