

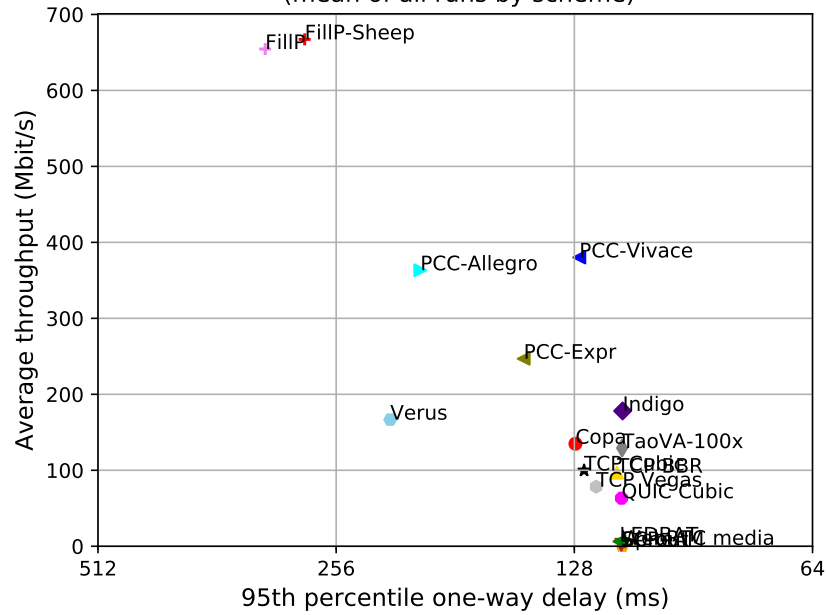
Pantheon Report

Generated at 2018-07-24 10:52:56 (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.

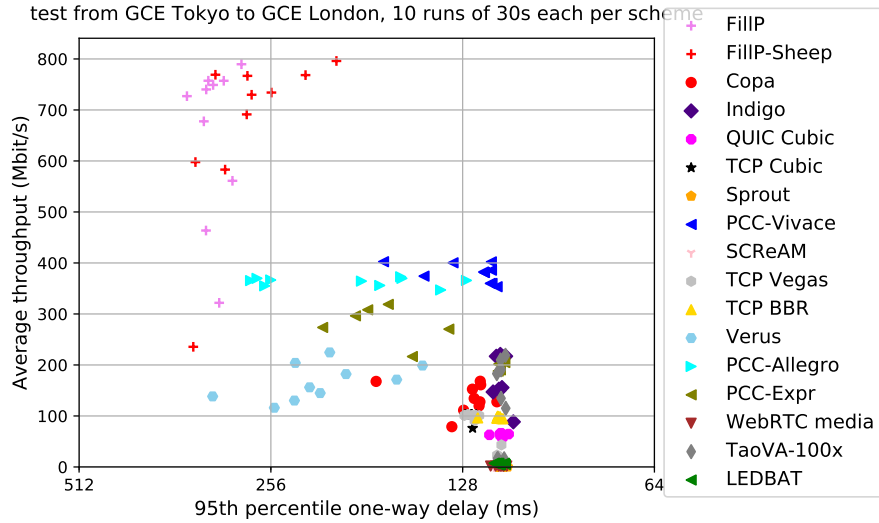
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf5e58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quirk @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from GCE 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



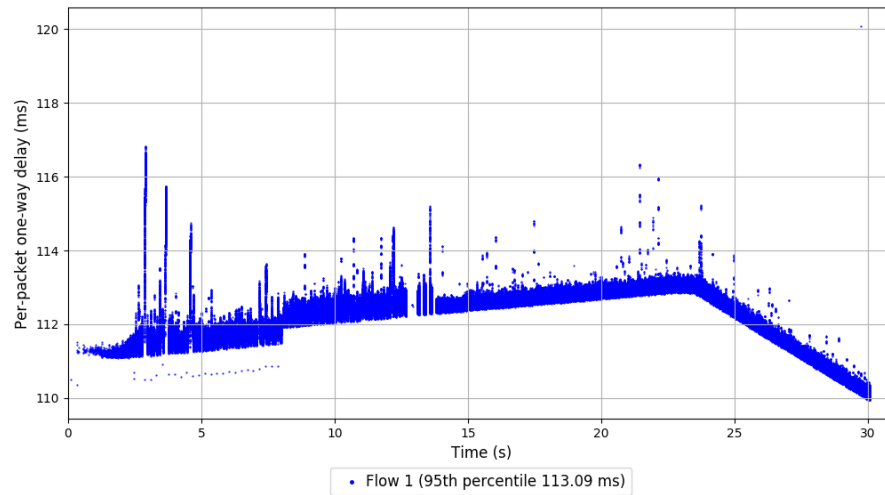
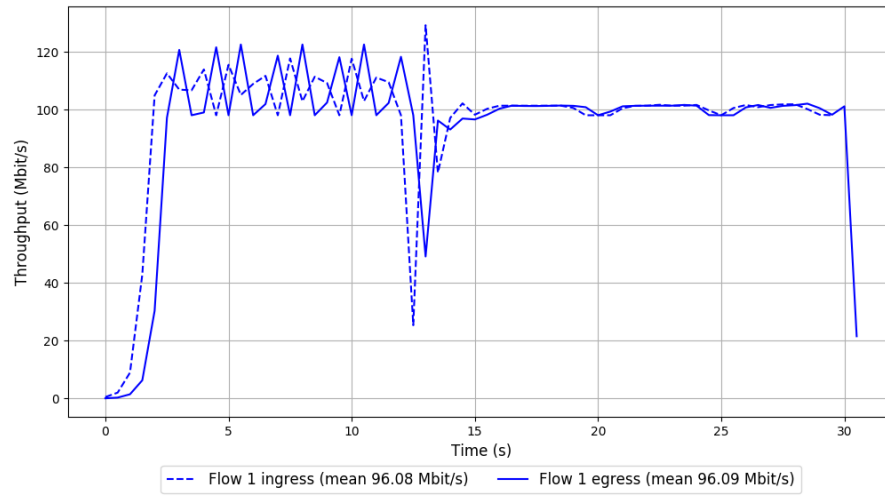
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	96.84	113.07	0.00
Copa	10	134.94	127.60	0.02
TCP Cubic	10	99.79	124.43	0.04
FillP	10	654.46	314.72	2.08
FillP-Sheep	10	667.20	280.57	2.61
Indigo	10	178.10	111.22	0.00
LEDBAT	10	6.28	112.27	0.00
PCC-Allegro	10	363.28	200.41	0.63
PCC-Expr	10	246.81	148.35	0.64
QUIC Cubic	8	63.27	111.58	0.00
SCReAM	10	0.22	111.93	0.00
Sprout	10	0.20	111.36	0.00
TaoVA-100x	10	129.21	111.40	0.00
TCP Vegas	10	78.41	120.14	0.01
Verus	10	166.65	218.74	0.70
PCC-Vivace	10	380.15	126.18	0.16
WebRTC media	10	1.88	111.67	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-24 05:47:48
End at: 2018-07-24 05:48:18
Local clock offset: -21.694 ms
Remote clock offset: -56.203 ms

Below is generated by plot.py at 2018-07-24 09:34:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 113.087 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 113.087 ms
Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

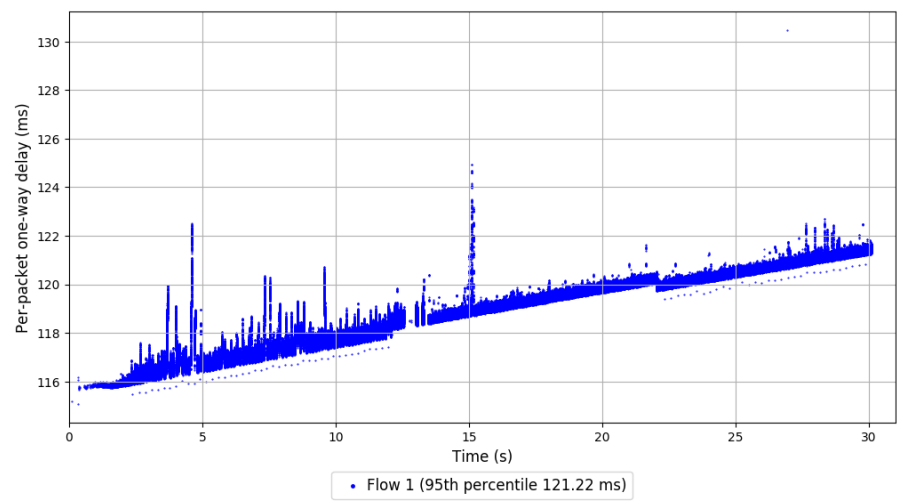
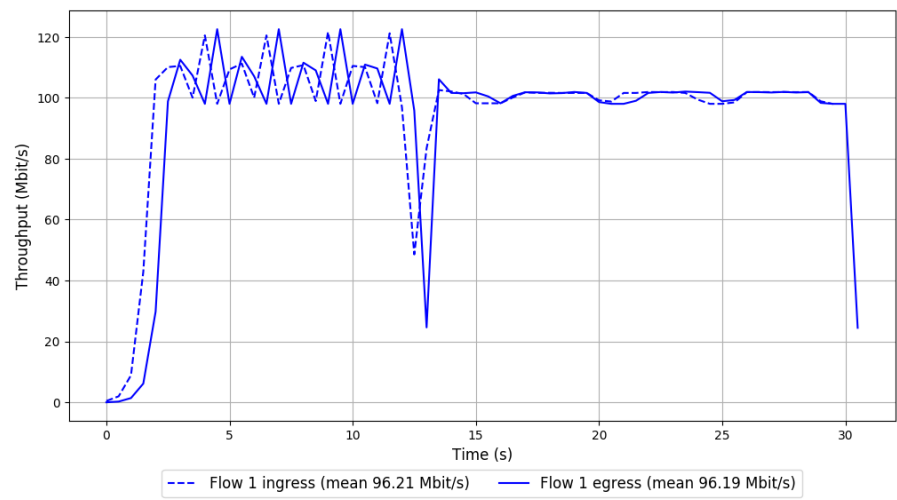


Run 2: Statistics of TCP BBR

Start at: 2018-07-24 06:10:24
End at: 2018-07-24 06:10:54
Local clock offset: -56.419 ms
Remote clock offset: -35.672 ms

Below is generated by plot.py at 2018-07-24 09:34:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 121.223 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 121.223 ms
Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

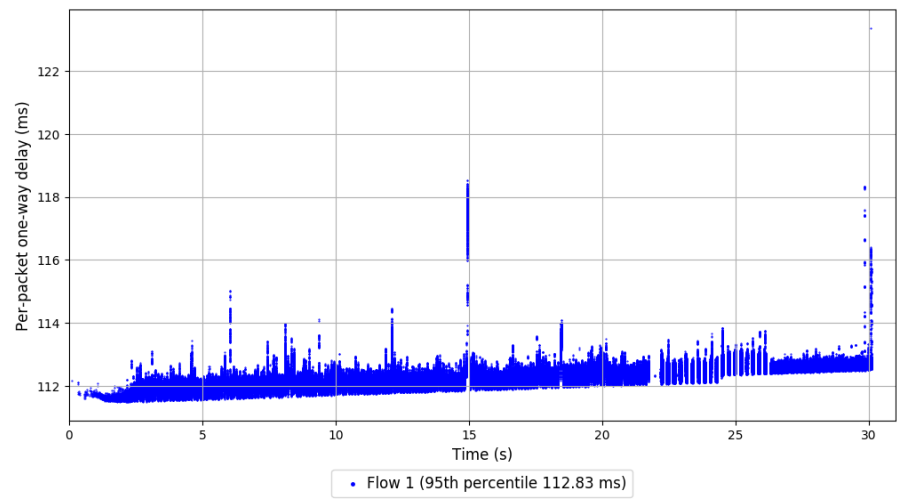
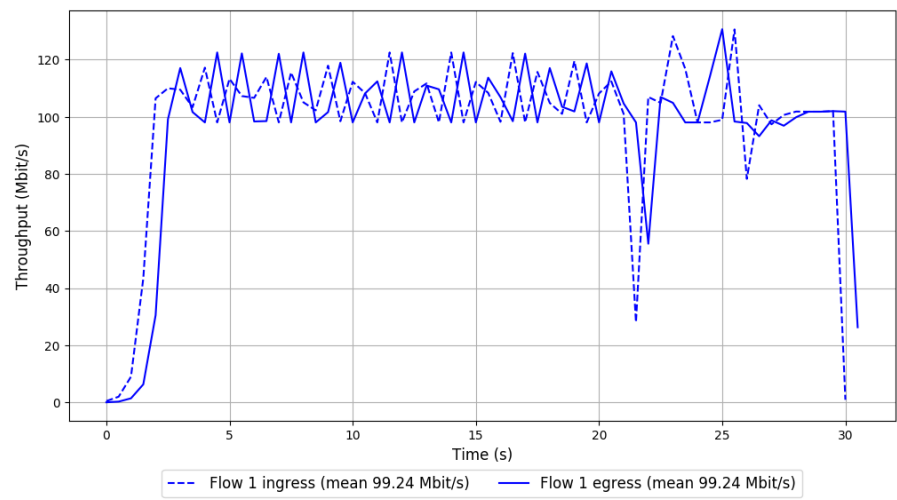


Run 3: Statistics of TCP BBR

Start at: 2018-07-24 06:33:01
End at: 2018-07-24 06:33:32
Local clock offset: -22.752 ms
Remote clock offset: -40.107 ms

Below is generated by plot.py at 2018-07-24 09:34:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 99.24 Mbit/s
95th percentile per-packet one-way delay: 112.826 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 99.24 Mbit/s
95th percentile per-packet one-way delay: 112.826 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

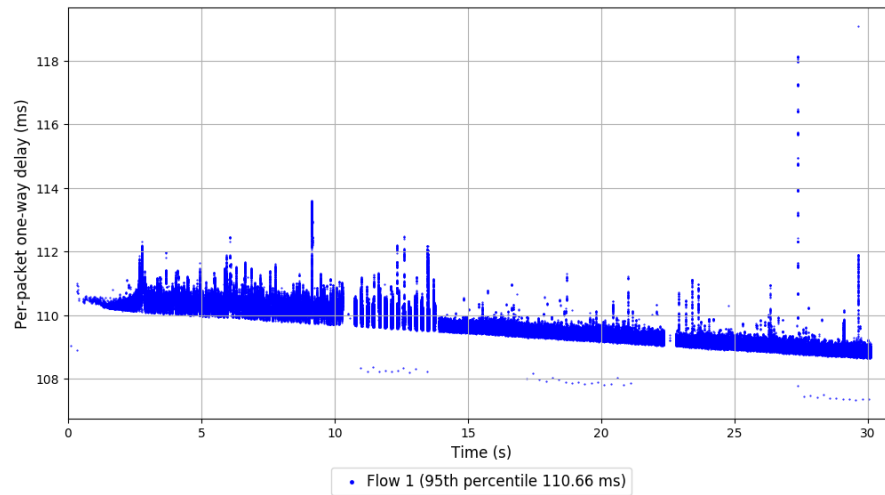
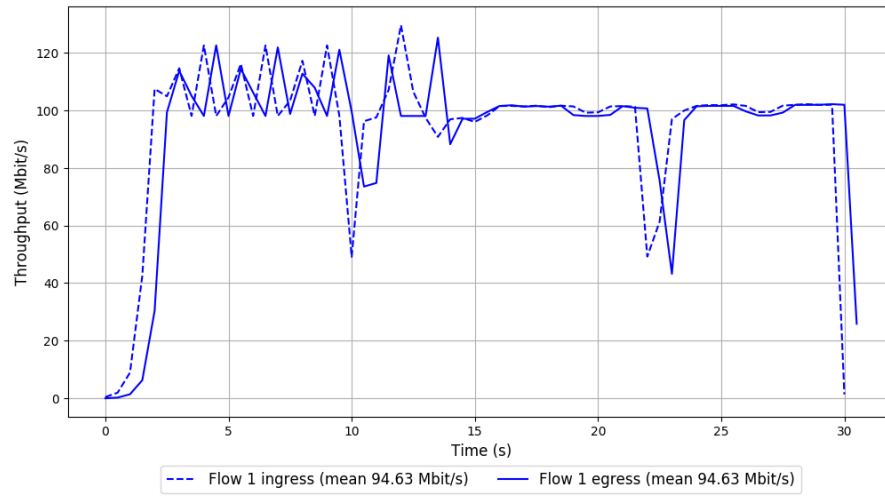


Run 4: Statistics of TCP BBR

Start at: 2018-07-24 06:55:36
End at: 2018-07-24 06:56:06
Local clock offset: -37.237 ms
Remote clock offset: -33.499 ms

Below is generated by plot.py at 2018-07-24 09:34:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.63 Mbit/s
95th percentile per-packet one-way delay: 110.659 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.63 Mbit/s
95th percentile per-packet one-way delay: 110.659 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

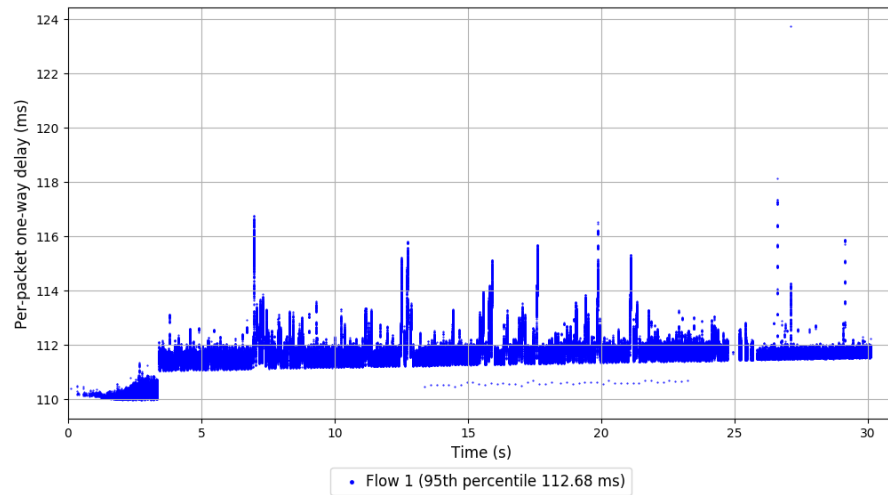
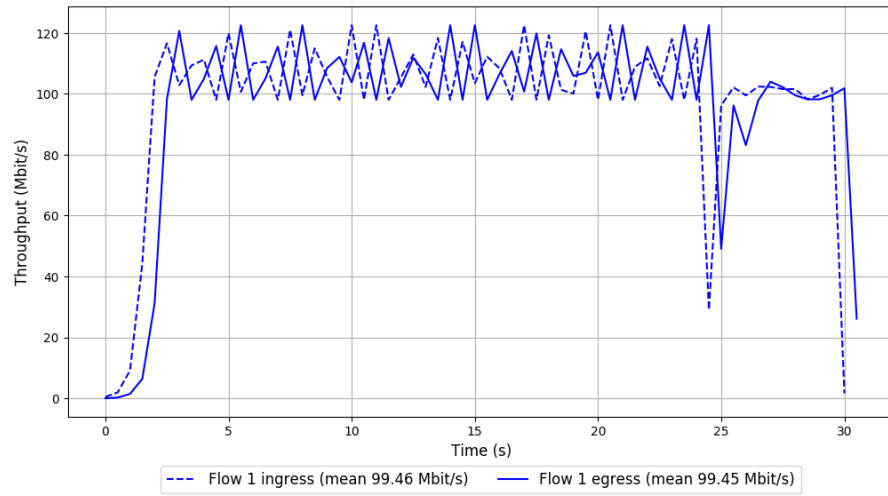


Run 5: Statistics of TCP BBR

Start at: 2018-07-24 07:18:13
End at: 2018-07-24 07:18:43
Local clock offset: -10.858 ms
Remote clock offset: -29.459 ms

Below is generated by plot.py at 2018-07-24 09:34:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 99.45 Mbit/s
95th percentile per-packet one-way delay: 112.680 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 99.45 Mbit/s
95th percentile per-packet one-way delay: 112.680 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

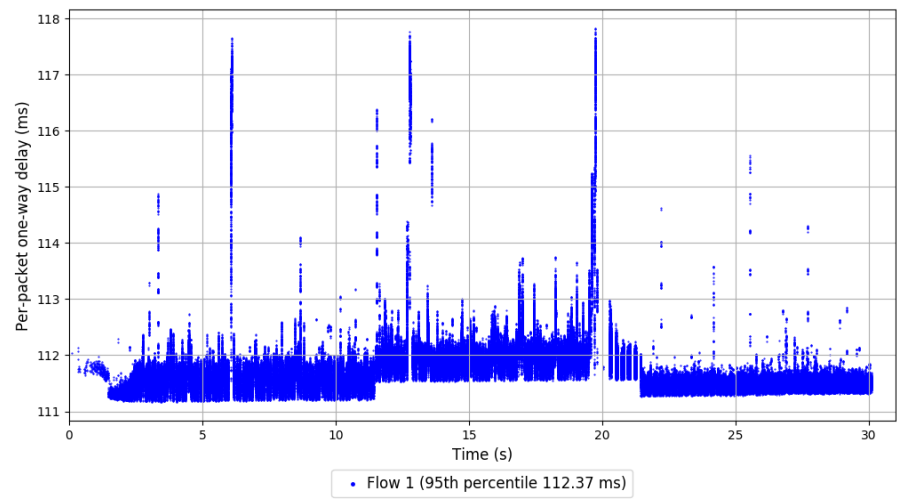
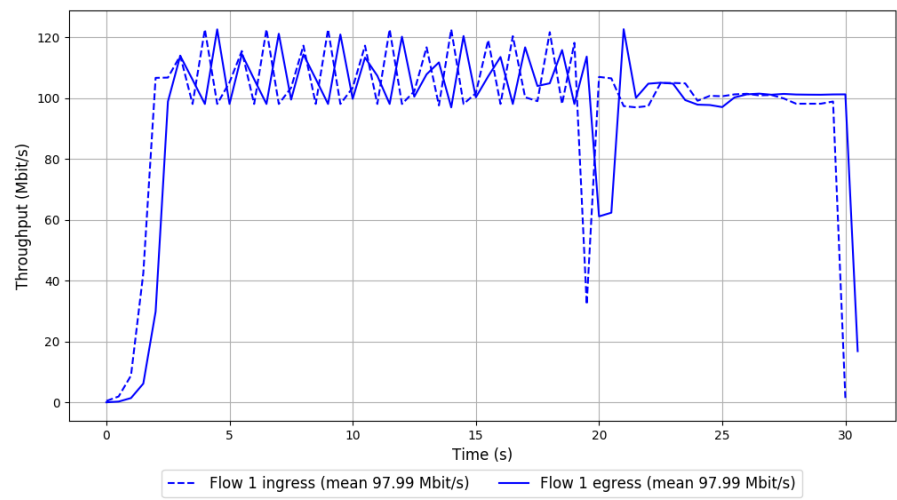


Run 6: Statistics of TCP BBR

Start at: 2018-07-24 07:40:45
End at: 2018-07-24 07:41:15
Local clock offset: -6.908 ms
Remote clock offset: -7.563 ms

Below is generated by plot.py at 2018-07-24 09:34:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.99 Mbit/s
95th percentile per-packet one-way delay: 112.370 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.99 Mbit/s
95th percentile per-packet one-way delay: 112.370 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

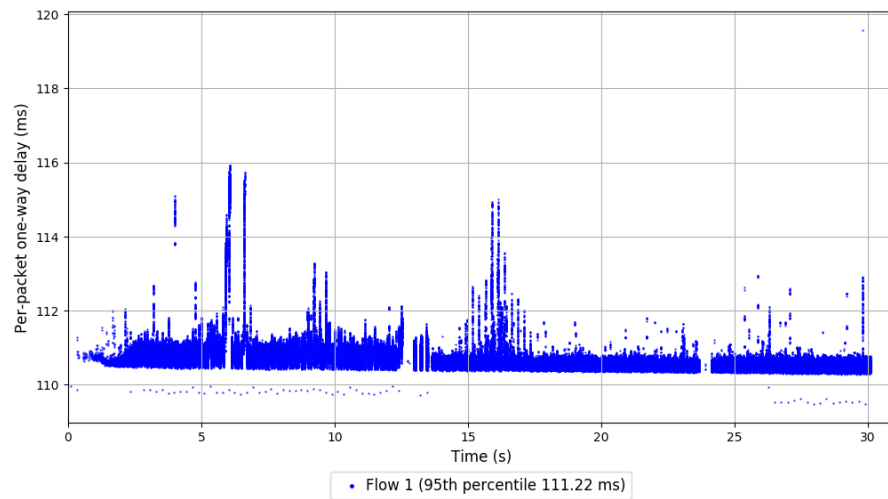
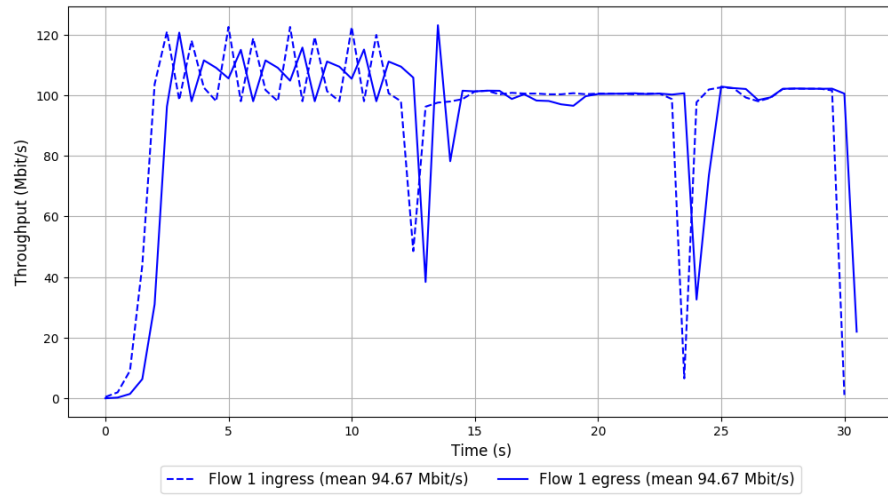


Run 7: Statistics of TCP BBR

Start at: 2018-07-24 08:03:26
End at: 2018-07-24 08:03:56
Local clock offset: -4.356 ms
Remote clock offset: -4.333 ms

Below is generated by plot.py at 2018-07-24 09:34:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.67 Mbit/s
95th percentile per-packet one-way delay: 111.215 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.67 Mbit/s
95th percentile per-packet one-way delay: 111.215 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-07-24 08:25:50

End at: 2018-07-24 08:26:21

Local clock offset: -1.891 ms

Remote clock offset: -2.96 ms

Below is generated by plot.py at 2018-07-24 09:34:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 111.766 ms

Loss rate: 0.00%

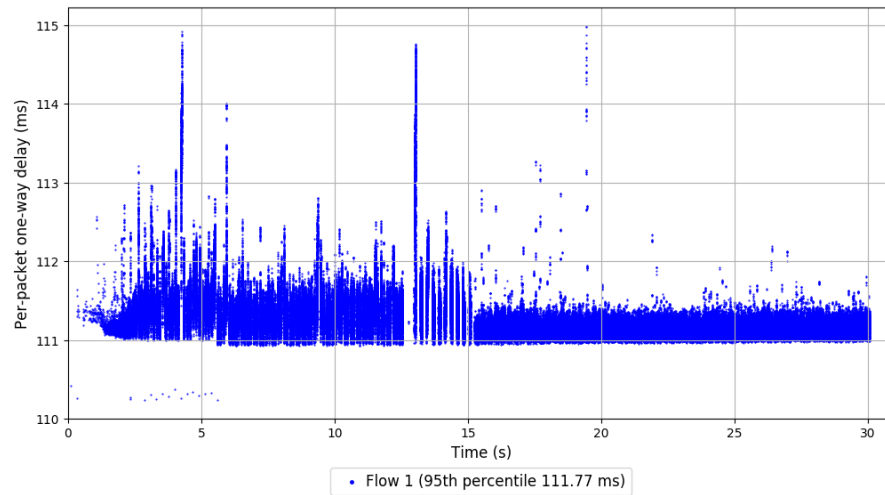
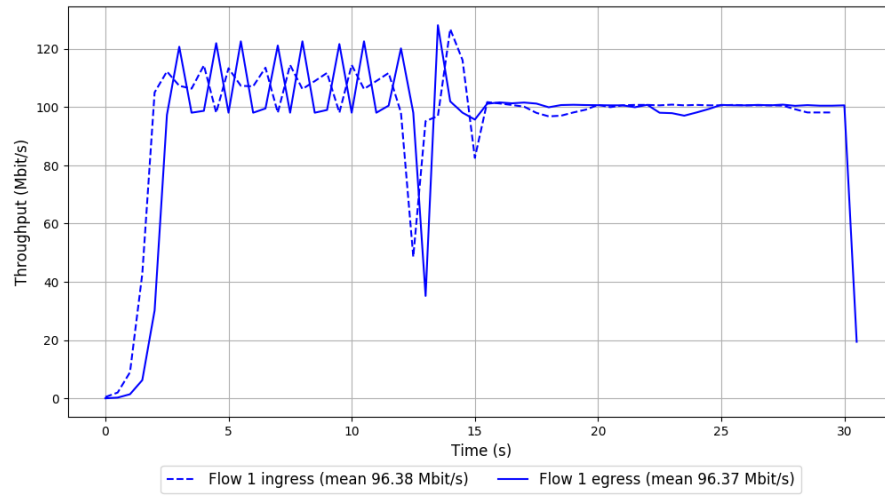
-- Flow 1:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 111.766 ms

Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

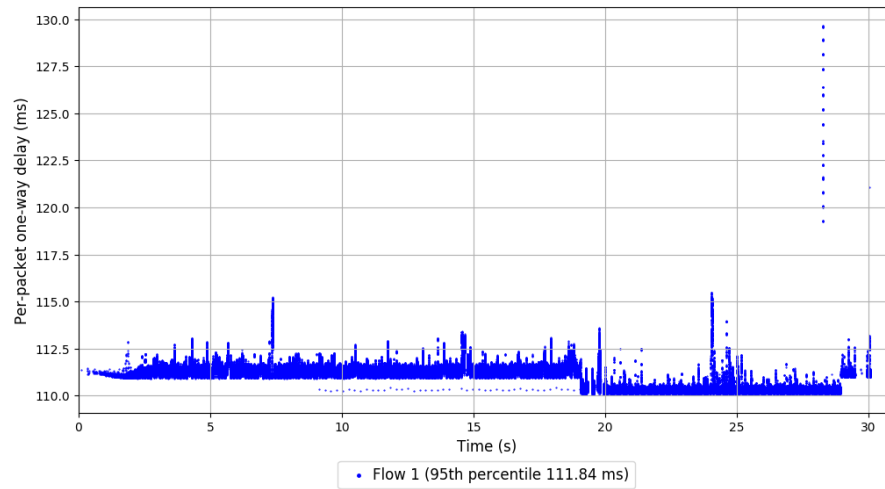
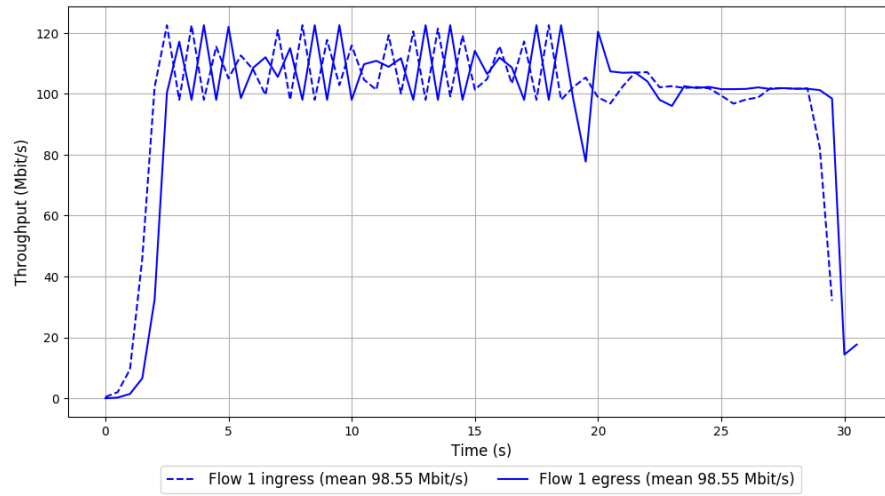


Run 9: Statistics of TCP BBR

Start at: 2018-07-24 08:47:37
End at: 2018-07-24 08:48:07
Local clock offset: -1.618 ms
Remote clock offset: -1.192 ms

Below is generated by plot.py at 2018-07-24 09:35:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 98.55 Mbit/s
95th percentile per-packet one-way delay: 111.838 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 98.55 Mbit/s
95th percentile per-packet one-way delay: 111.838 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

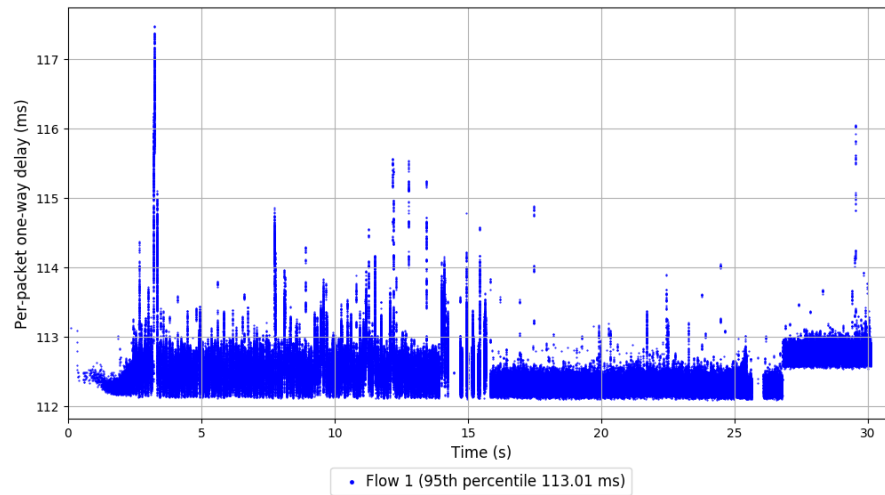
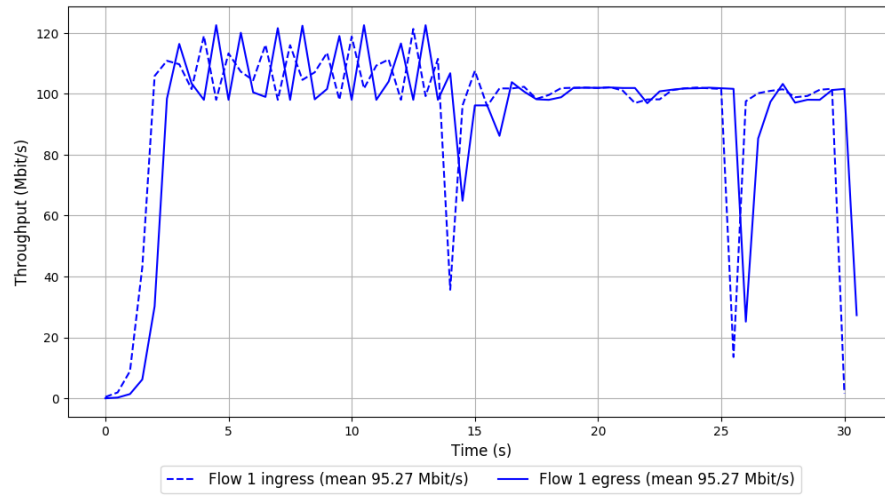


Run 10: Statistics of TCP BBR

Start at: 2018-07-24 09:09:39
End at: 2018-07-24 09:10:09
Local clock offset: -2.305 ms
Remote clock offset: -1.015 ms

Below is generated by plot.py at 2018-07-24 09:35:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 113.010 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 113.010 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

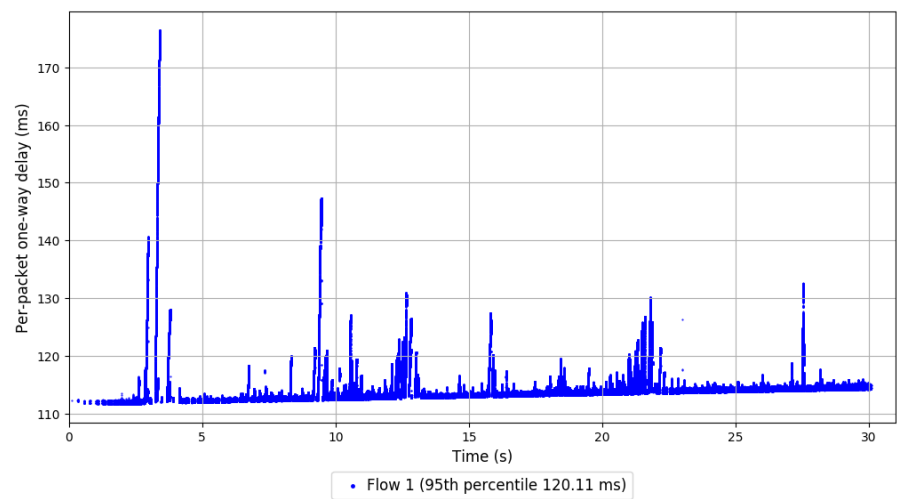
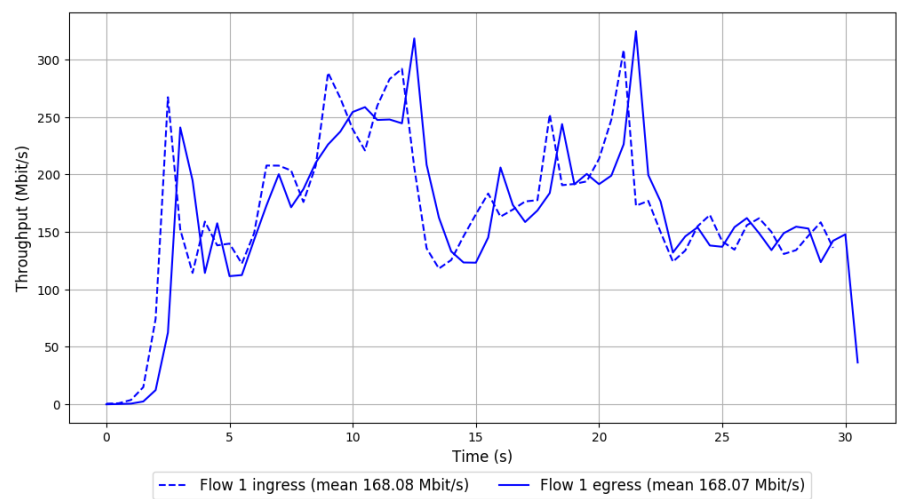


Run 1: Statistics of Copa

Start at: 2018-07-24 05:52:54
End at: 2018-07-24 05:53:24
Local clock offset: -39.407 ms
Remote clock offset: -22.818 ms

Below is generated by plot.py at 2018-07-24 09:39:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 168.07 Mbit/s
95th percentile per-packet one-way delay: 120.107 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 168.07 Mbit/s
95th percentile per-packet one-way delay: 120.107 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

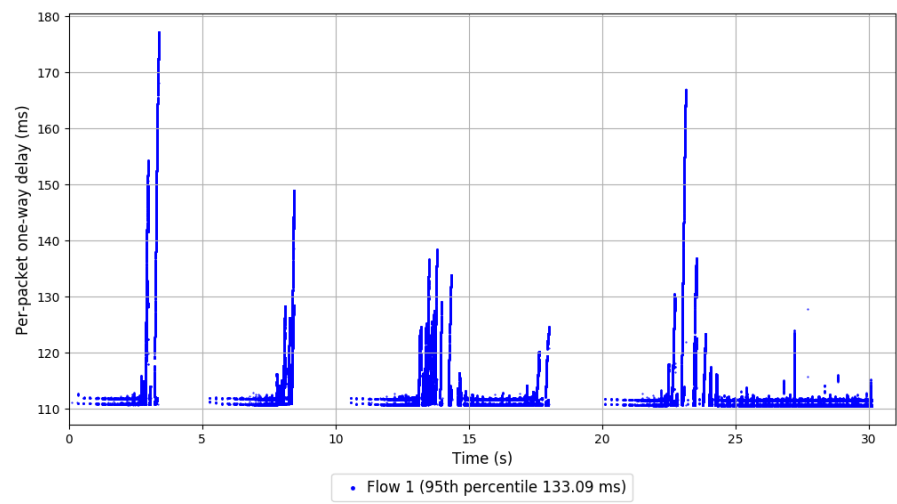
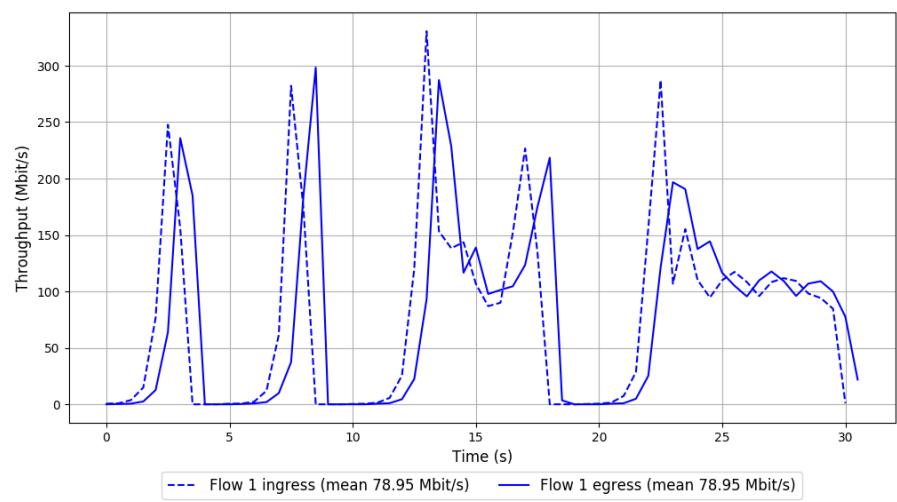


Run 2: Statistics of Copa

Start at: 2018-07-24 06:15:38
End at: 2018-07-24 06:16:08
Local clock offset: -26.031 ms
Remote clock offset: -38.828 ms

Below is generated by plot.py at 2018-07-24 09:39:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.95 Mbit/s
95th percentile per-packet one-way delay: 133.093 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.95 Mbit/s
95th percentile per-packet one-way delay: 133.093 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

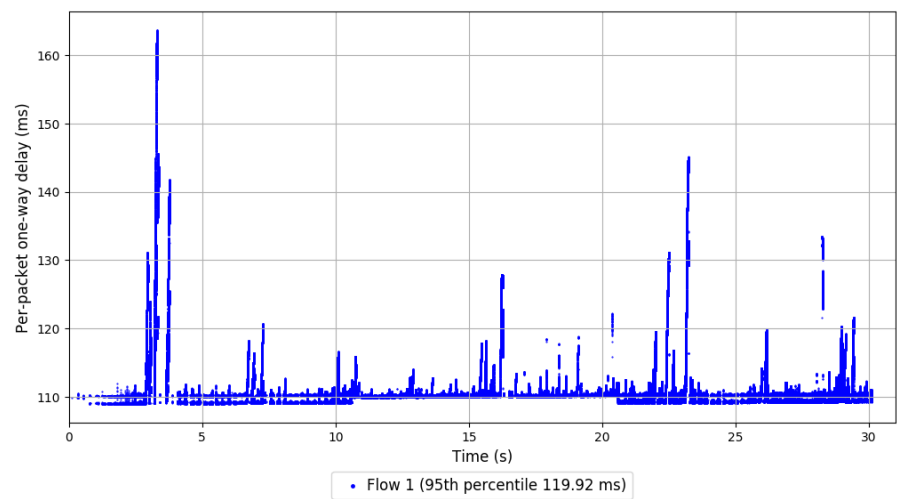
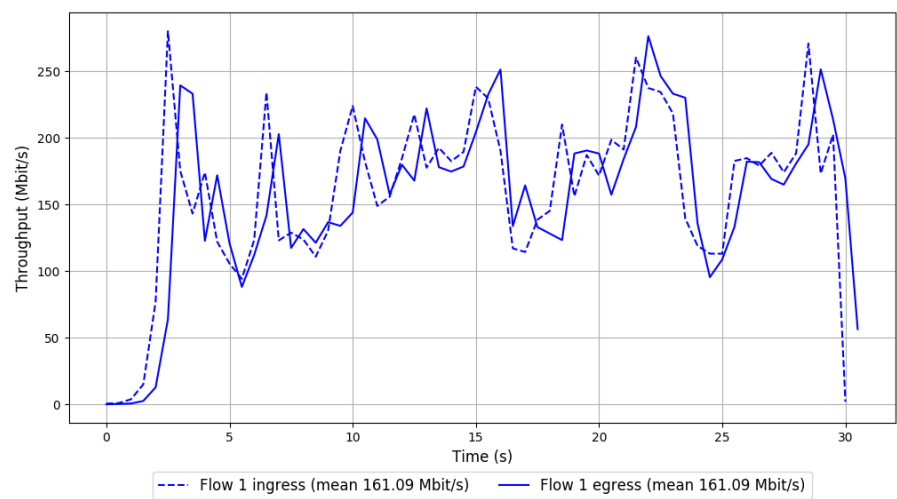


Run 3: Statistics of Copa

Start at: 2018-07-24 06:38:15
End at: 2018-07-24 06:38:45
Local clock offset: -20.948 ms
Remote clock offset: -47.672 ms

Below is generated by plot.py at 2018-07-24 09:39:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 161.09 Mbit/s
95th percentile per-packet one-way delay: 119.922 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 161.09 Mbit/s
95th percentile per-packet one-way delay: 119.922 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

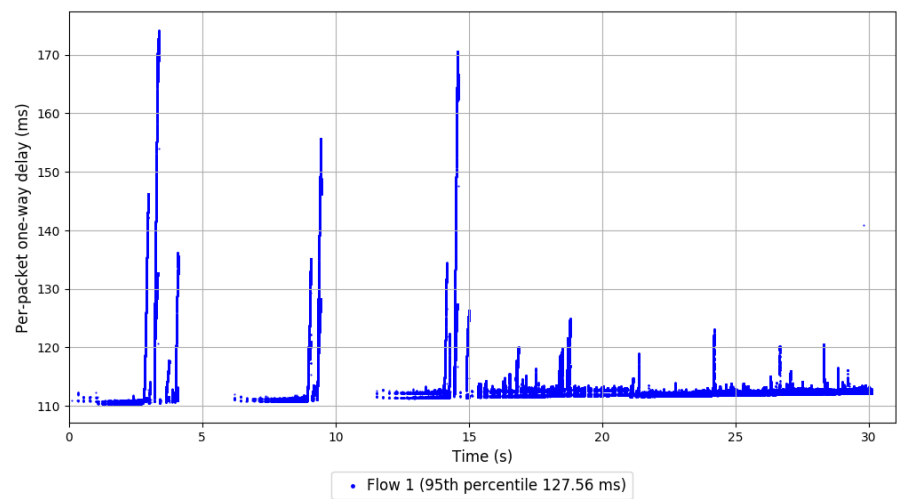
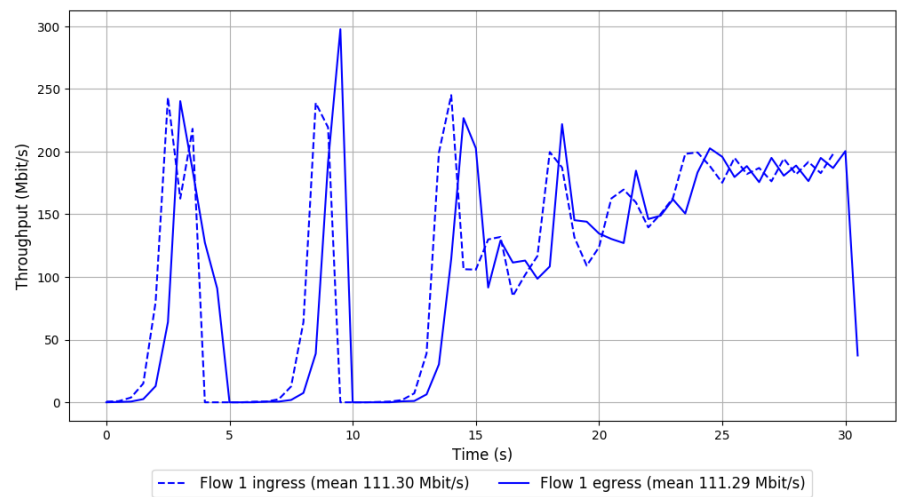


Run 4: Statistics of Copa

Start at: 2018-07-24 07:01:05
End at: 2018-07-24 07:01:35
Local clock offset: -43.524 ms
Remote clock offset: -26.195 ms

Below is generated by plot.py at 2018-07-24 09:39:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 111.29 Mbit/s
95th percentile per-packet one-way delay: 127.555 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 111.29 Mbit/s
95th percentile per-packet one-way delay: 127.555 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

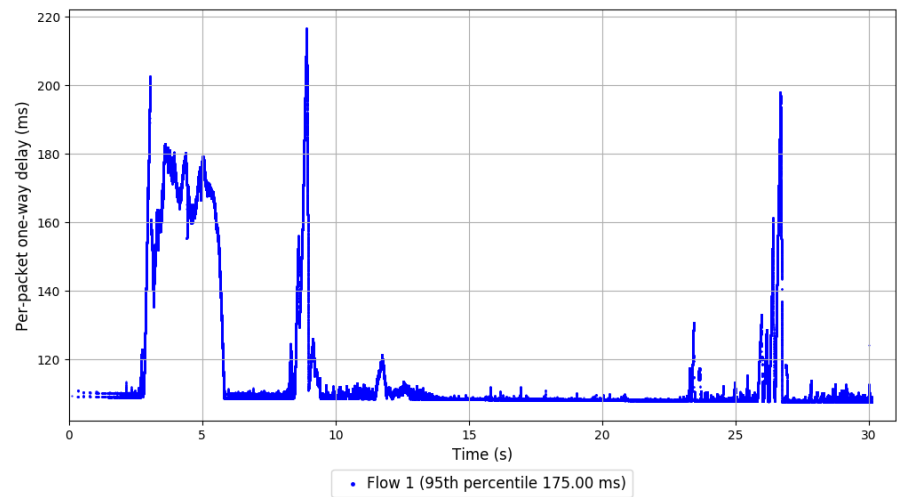
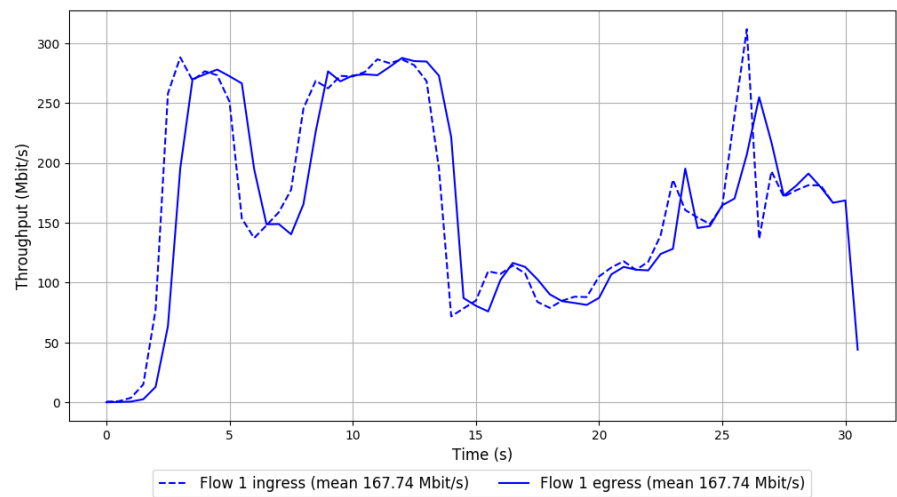


Run 5: Statistics of Copa

Start at: 2018-07-24 07:23:08
End at: 2018-07-24 07:23:38
Local clock offset: -9.906 ms
Remote clock offset: -29.719 ms

Below is generated by plot.py at 2018-07-24 09:39:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 167.74 Mbit/s
95th percentile per-packet one-way delay: 174.996 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 167.74 Mbit/s
95th percentile per-packet one-way delay: 174.996 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

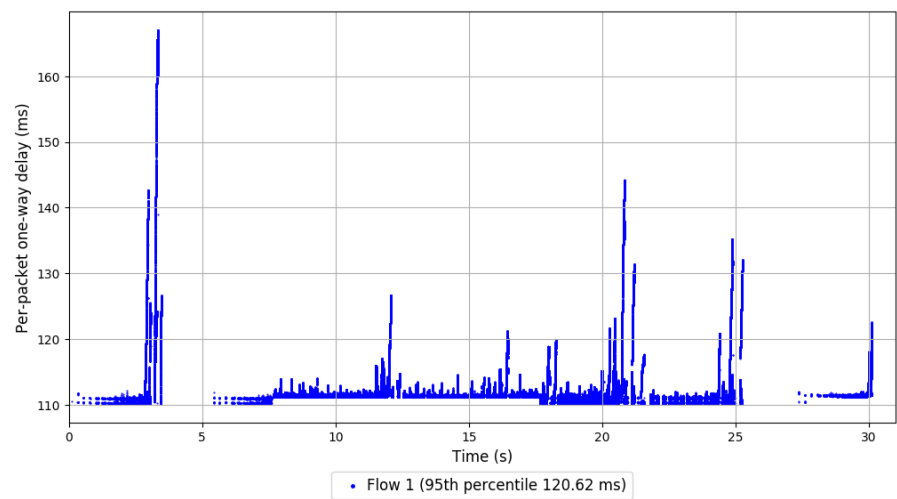
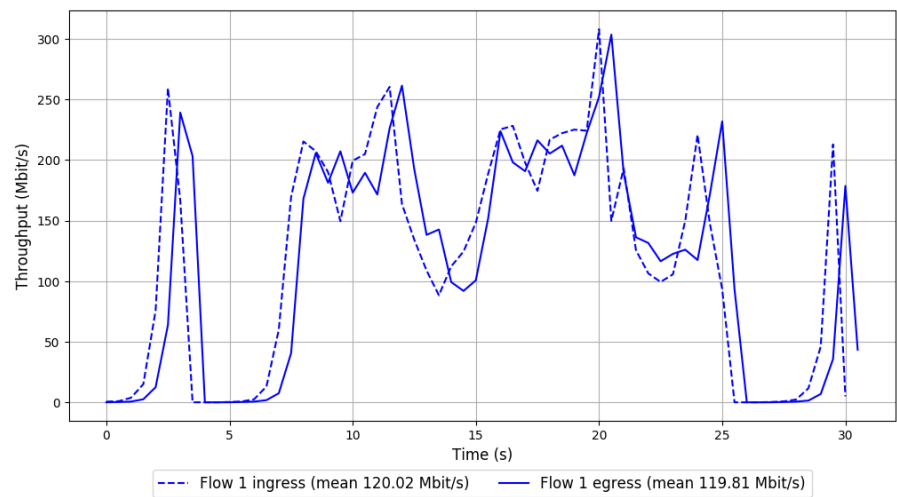


Run 6: Statistics of Copa

Start at: 2018-07-24 07:45:58
End at: 2018-07-24 07:46:28
Local clock offset: -4.664 ms
Remote clock offset: -6.922 ms

Below is generated by plot.py at 2018-07-24 09:39:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 119.81 Mbit/s
95th percentile per-packet one-way delay: 120.620 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 119.81 Mbit/s
95th percentile per-packet one-way delay: 120.620 ms
Loss rate: 0.17%

Run 6: Report of Copa — Data Link

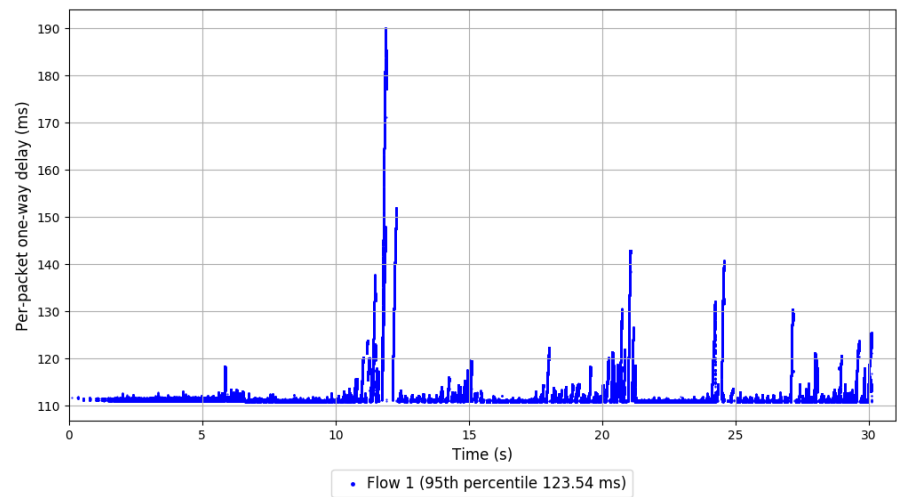
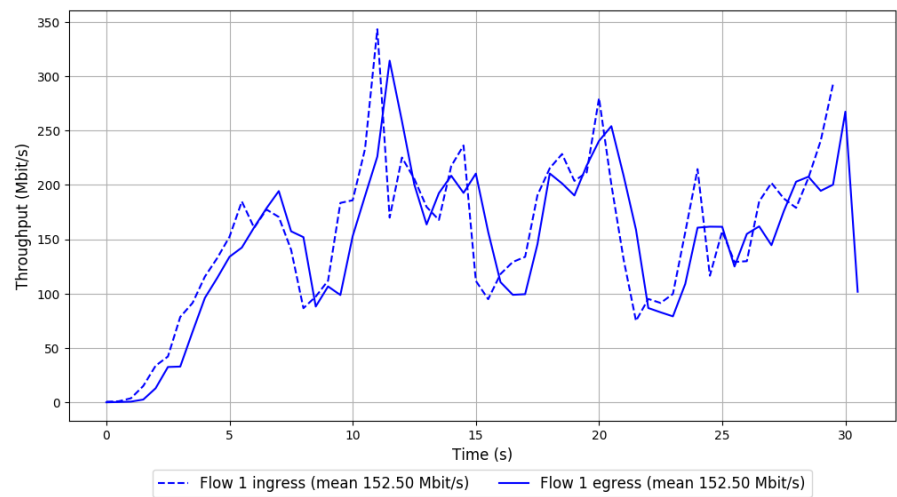


Run 7: Statistics of Copa

Start at: 2018-07-24 08:08:39
End at: 2018-07-24 08:09:10
Local clock offset: -4.98 ms
Remote clock offset: -2.896 ms

Below is generated by plot.py at 2018-07-24 09:40:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 152.50 Mbit/s
95th percentile per-packet one-way delay: 123.540 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 152.50 Mbit/s
95th percentile per-packet one-way delay: 123.540 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

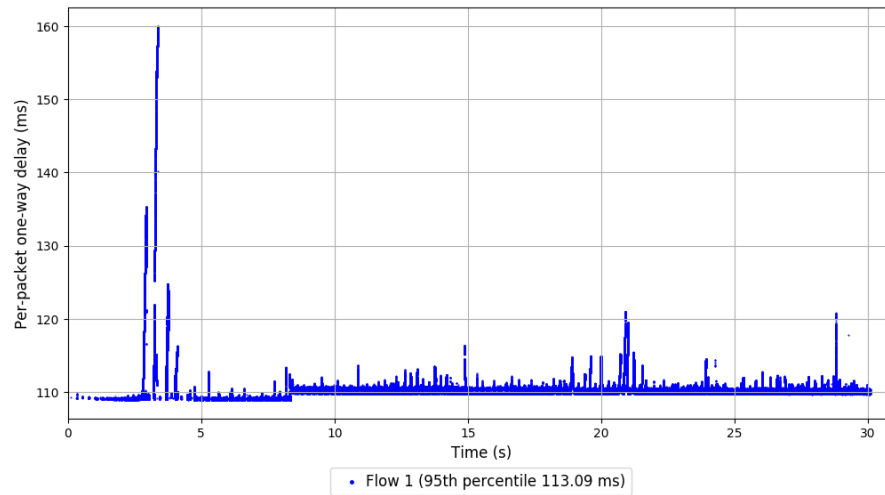
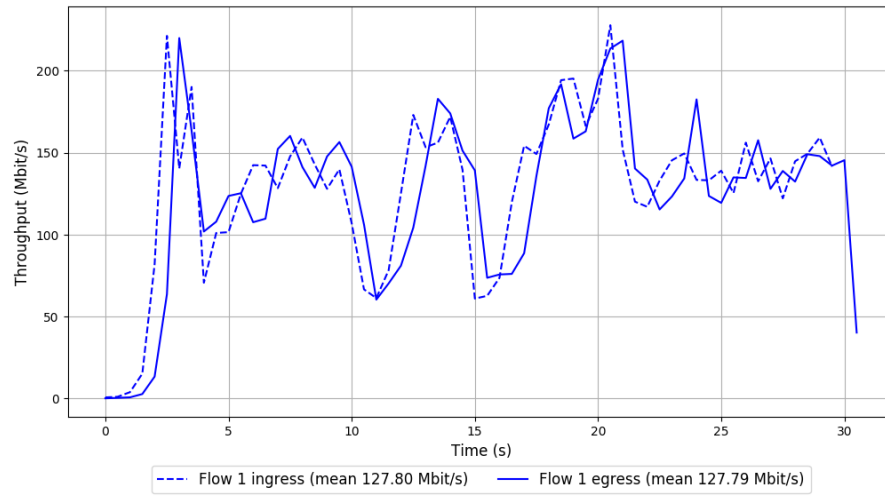


Run 8: Statistics of Copa

Start at: 2018-07-24 08:30:48
End at: 2018-07-24 08:31:18
Local clock offset: -0.45 ms
Remote clock offset: -2.824 ms

Below is generated by plot.py at 2018-07-24 09:40:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 127.79 Mbit/s
95th percentile per-packet one-way delay: 113.093 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 127.79 Mbit/s
95th percentile per-packet one-way delay: 113.093 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

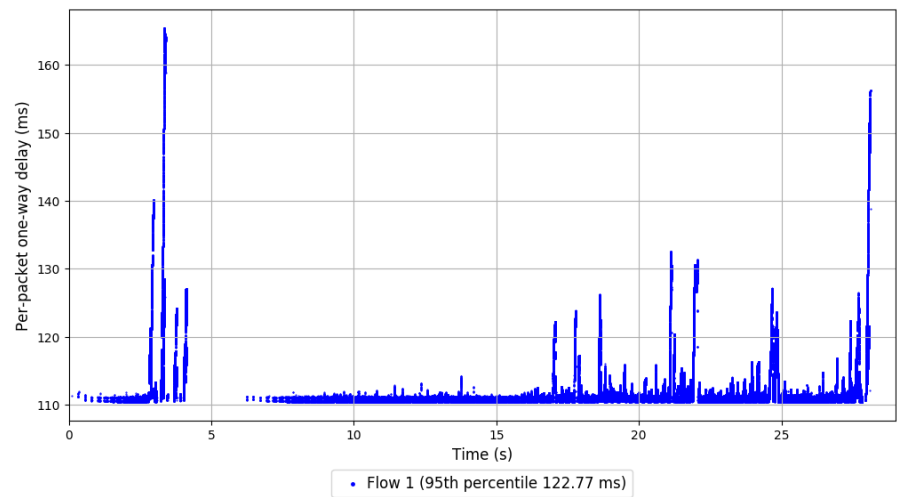
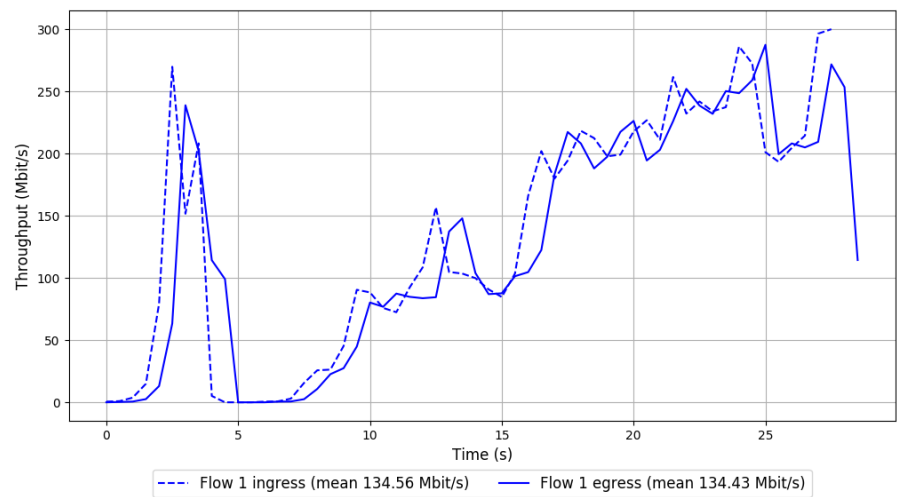


Run 9: Statistics of Copa

Start at: 2018-07-24 08:52:43
End at: 2018-07-24 08:53:13
Local clock offset: -0.99 ms
Remote clock offset: -1.573 ms

Below is generated by plot.py at 2018-07-24 09:40:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 134.43 Mbit/s
95th percentile per-packet one-way delay: 122.769 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 134.43 Mbit/s
95th percentile per-packet one-way delay: 122.769 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

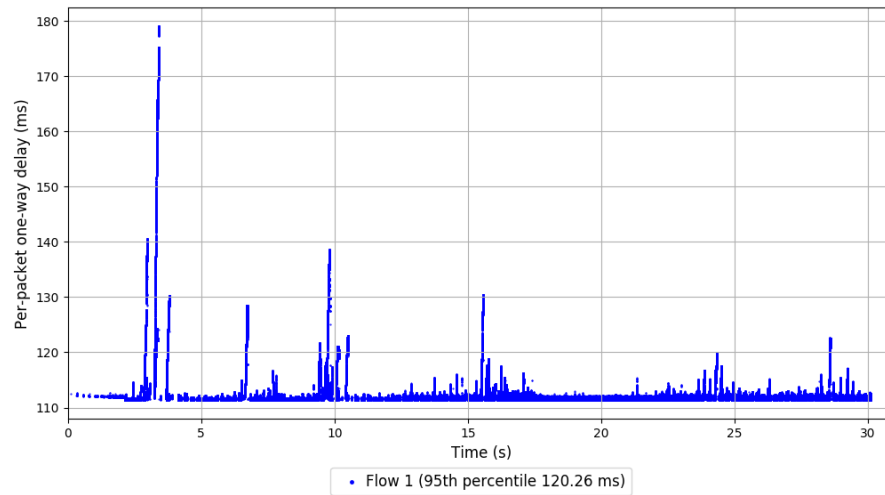
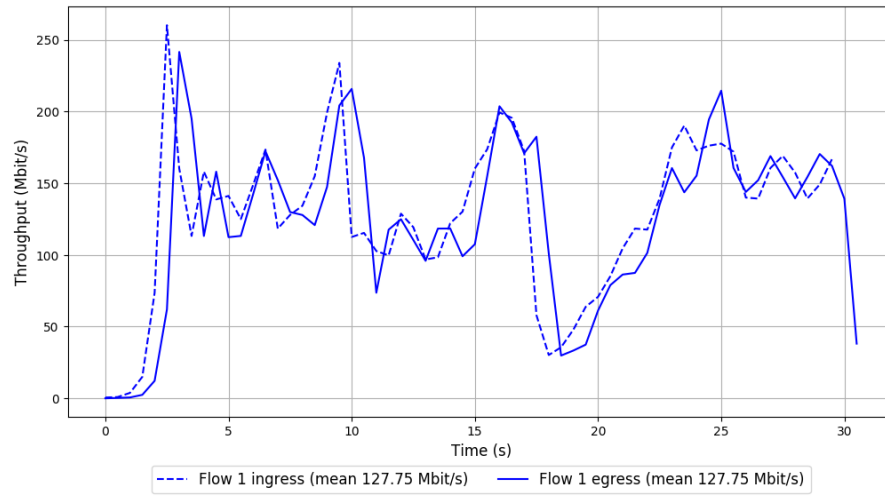


Run 10: Statistics of Copa

Start at: 2018-07-24 09:14:54
End at: 2018-07-24 09:15:24
Local clock offset: -1.278 ms
Remote clock offset: -0.352 ms

Below is generated by plot.py at 2018-07-24 09:41:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 127.75 Mbit/s
95th percentile per-packet one-way delay: 120.256 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 127.75 Mbit/s
95th percentile per-packet one-way delay: 120.256 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

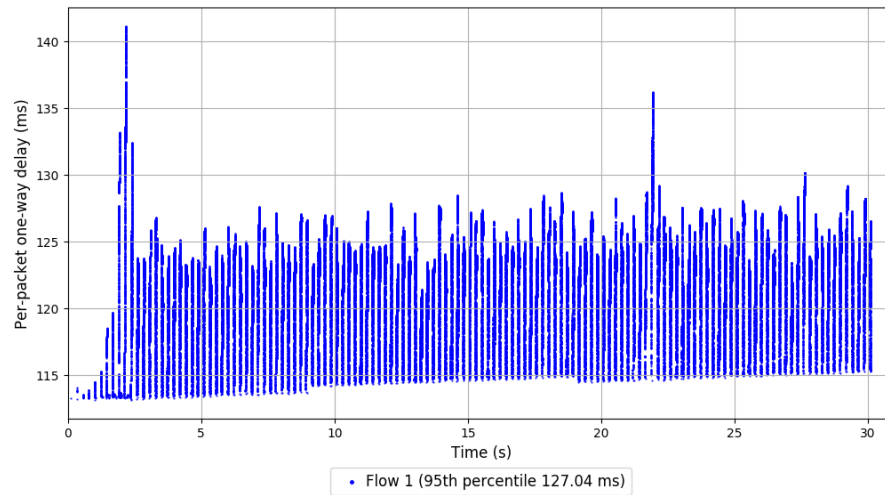
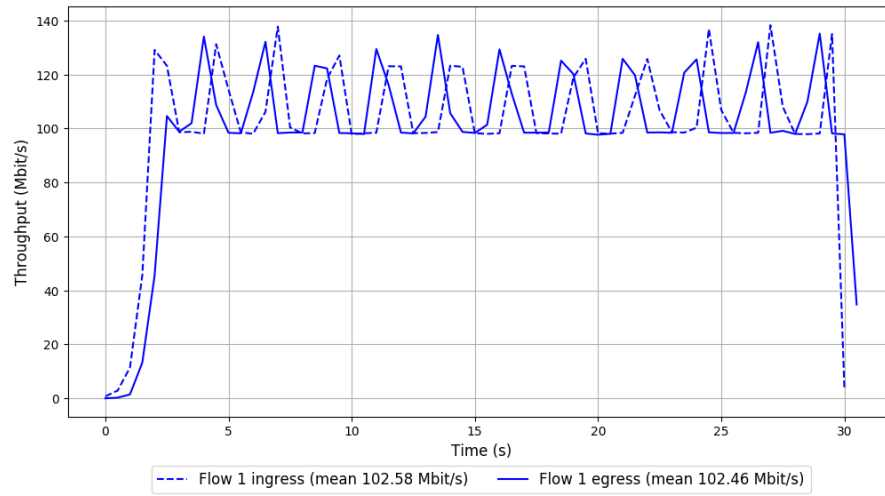


Run 1: Statistics of TCP Cubic

Start at: 2018-07-24 05:54:17
End at: 2018-07-24 05:54:47
Local clock offset: -34.748 ms
Remote clock offset: -23.8 ms

Below is generated by plot.py at 2018-07-24 09:41:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.46 Mbit/s
95th percentile per-packet one-way delay: 127.044 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 102.46 Mbit/s
95th percentile per-packet one-way delay: 127.044 ms
Loss rate: 0.10%

Run 1: Report of TCP Cubic — Data Link

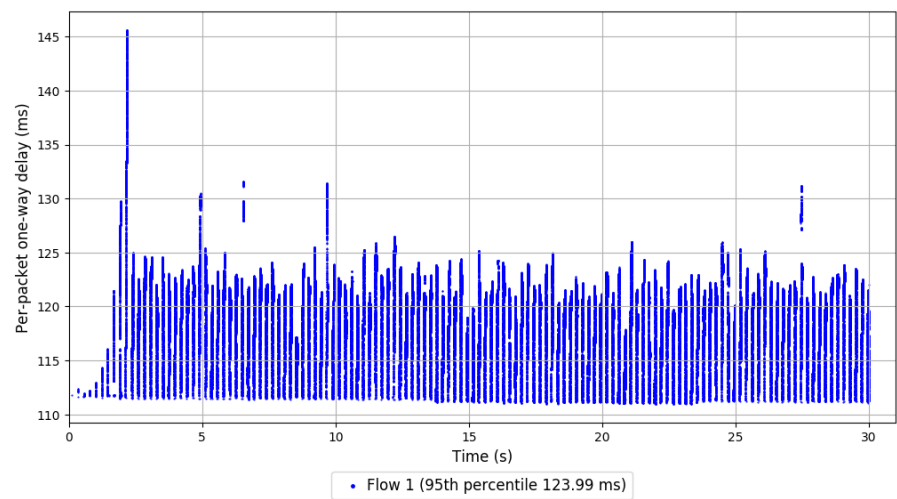
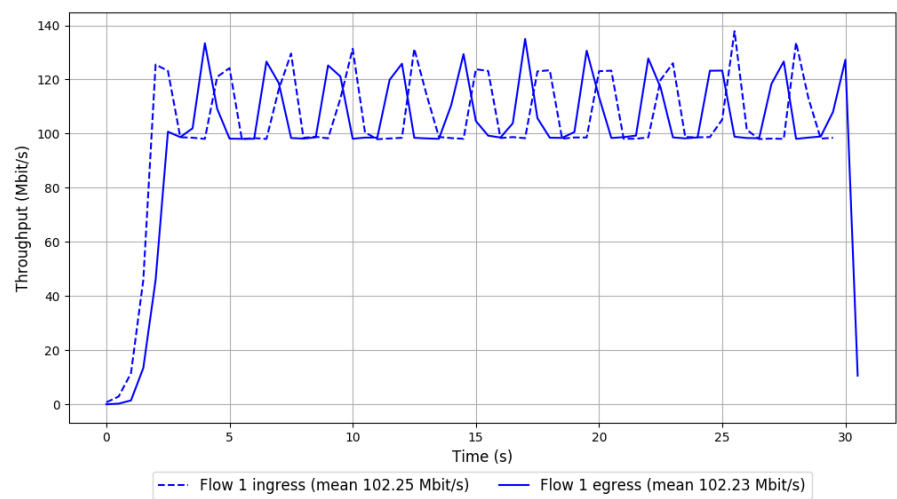


Run 2: Statistics of TCP Cubic

Start at: 2018-07-24 06:16:52
End at: 2018-07-24 06:17:22
Local clock offset: -23.734 ms
Remote clock offset: -35.967 ms

Below is generated by plot.py at 2018-07-24 09:41:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.23 Mbit/s
95th percentile per-packet one-way delay: 123.994 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.23 Mbit/s
95th percentile per-packet one-way delay: 123.994 ms
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

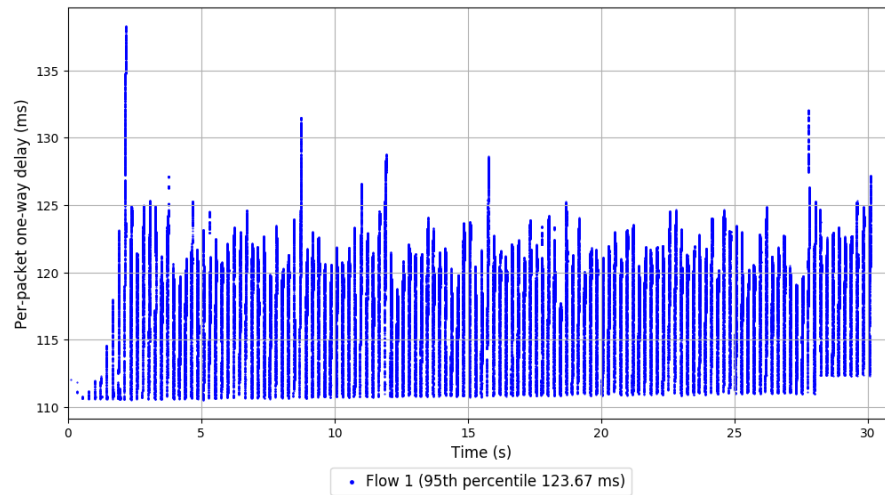
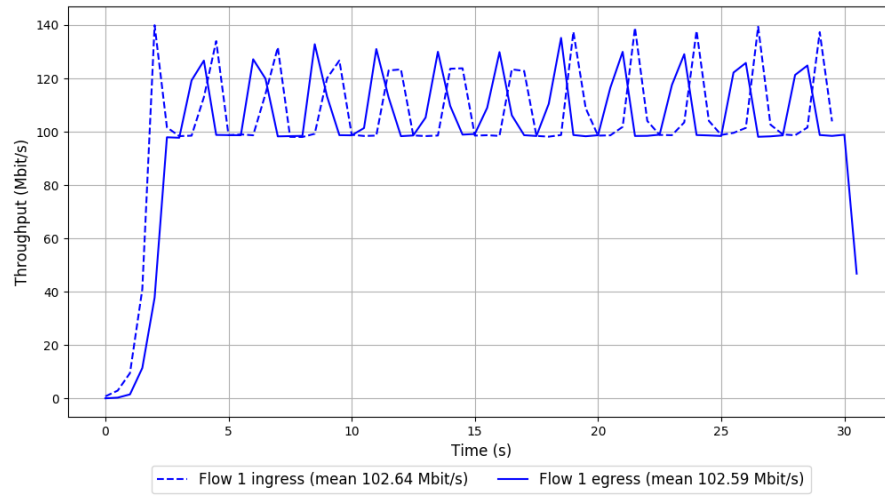


Run 3: Statistics of TCP Cubic

Start at: 2018-07-24 06:39:38
End at: 2018-07-24 06:40:08
Local clock offset: -22.882 ms
Remote clock offset: -49.529 ms

Below is generated by plot.py at 2018-07-24 09:41:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.59 Mbit/s
95th percentile per-packet one-way delay: 123.673 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.59 Mbit/s
95th percentile per-packet one-way delay: 123.673 ms
Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link

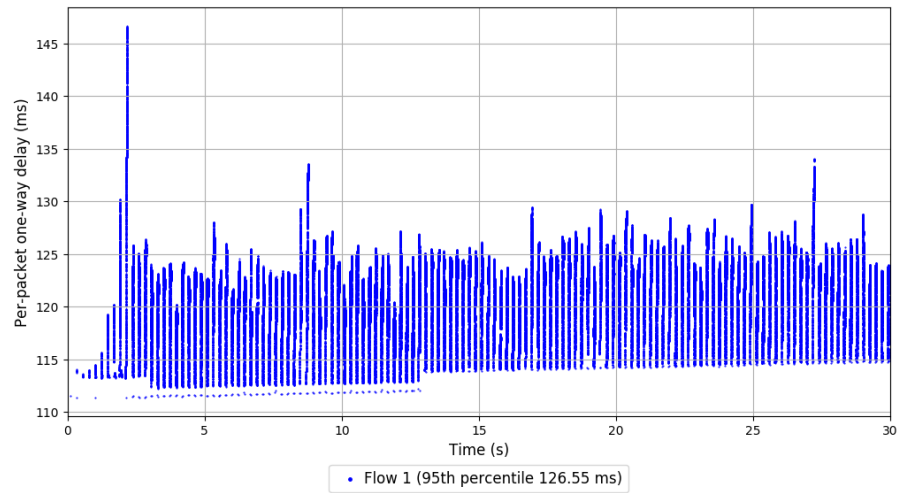
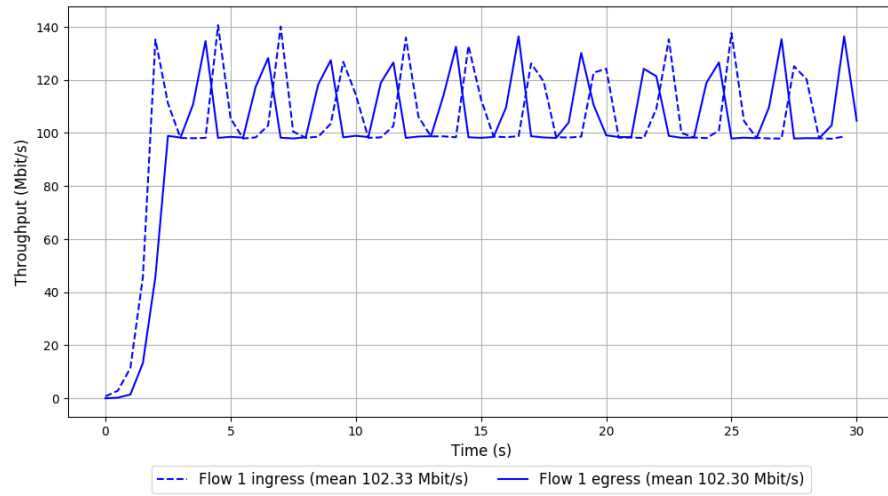


Run 4: Statistics of TCP Cubic

Start at: 2018-07-24 07:02:23
End at: 2018-07-24 07:02:53
Local clock offset: -39.449 ms
Remote clock offset: -25.279 ms

Below is generated by plot.py at 2018-07-24 09:41:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.30 Mbit/s
95th percentile per-packet one-way delay: 126.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.30 Mbit/s
95th percentile per-packet one-way delay: 126.545 ms
Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

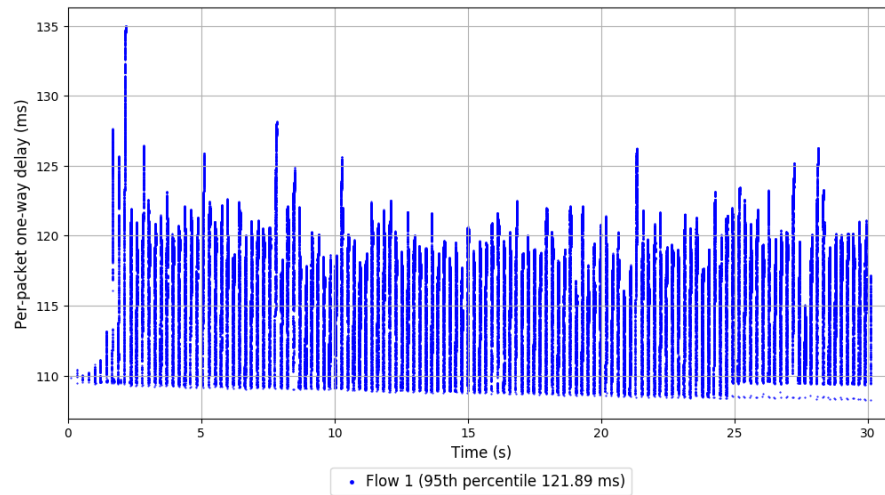
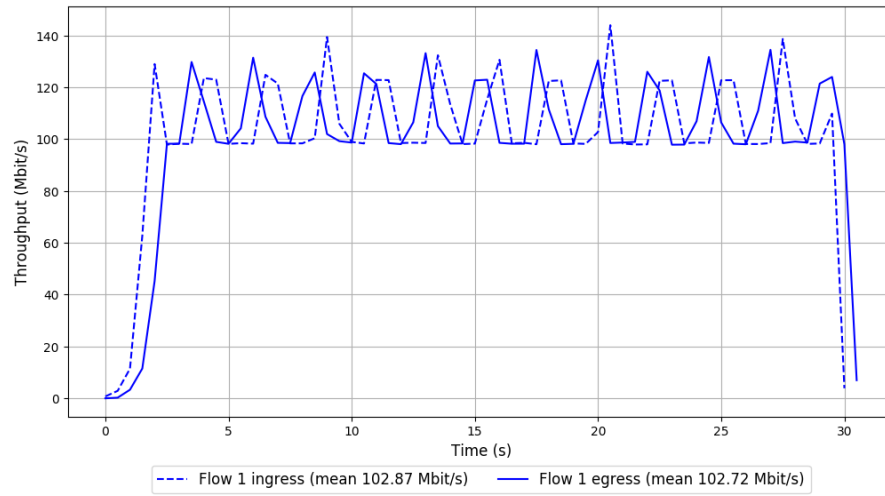


Run 5: Statistics of TCP Cubic

Start at: 2018-07-24 07:24:31
End at: 2018-07-24 07:25:01
Local clock offset: -10.333 ms
Remote clock offset: -25.814 ms

Below is generated by plot.py at 2018-07-24 09:41:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.72 Mbit/s
95th percentile per-packet one-way delay: 121.893 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 102.72 Mbit/s
95th percentile per-packet one-way delay: 121.893 ms
Loss rate: 0.14%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-07-24 07:47:17

End at: 2018-07-24 07:47:47

Local clock offset: -4.477 ms

Remote clock offset: -7.23 ms

Below is generated by plot.py at 2018-07-24 09:41:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 102.64 Mbit/s

95th percentile per-packet one-way delay: 124.102 ms

Loss rate: 0.00%

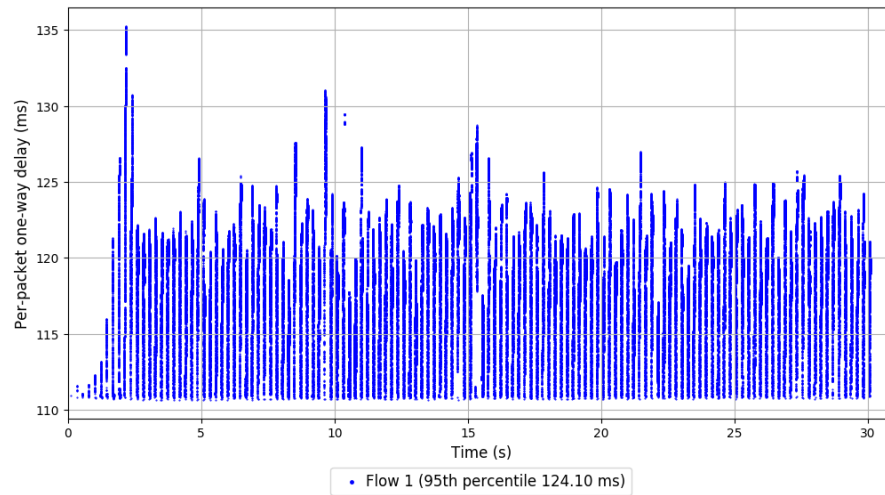
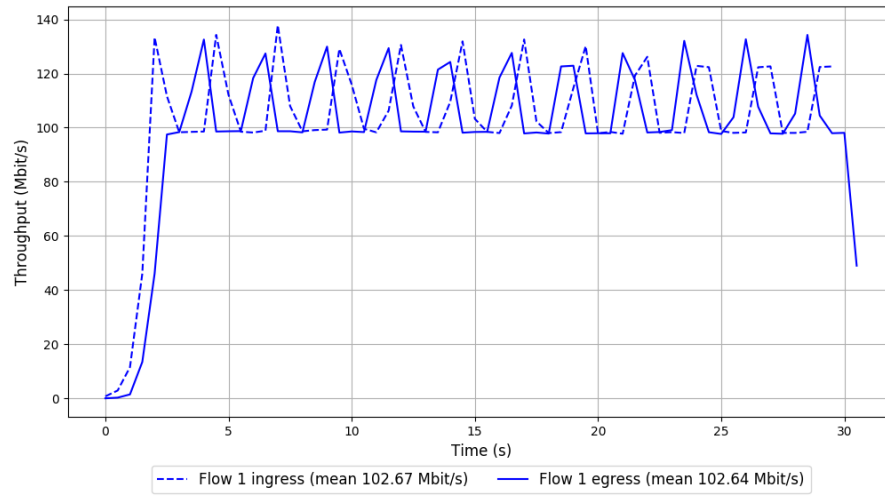
-- Flow 1:

Average throughput: 102.64 Mbit/s

95th percentile per-packet one-way delay: 124.102 ms

Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link

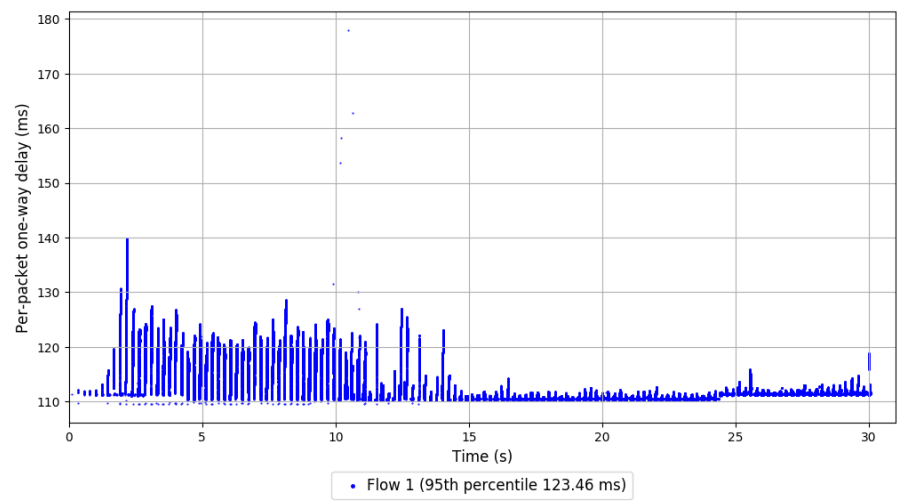
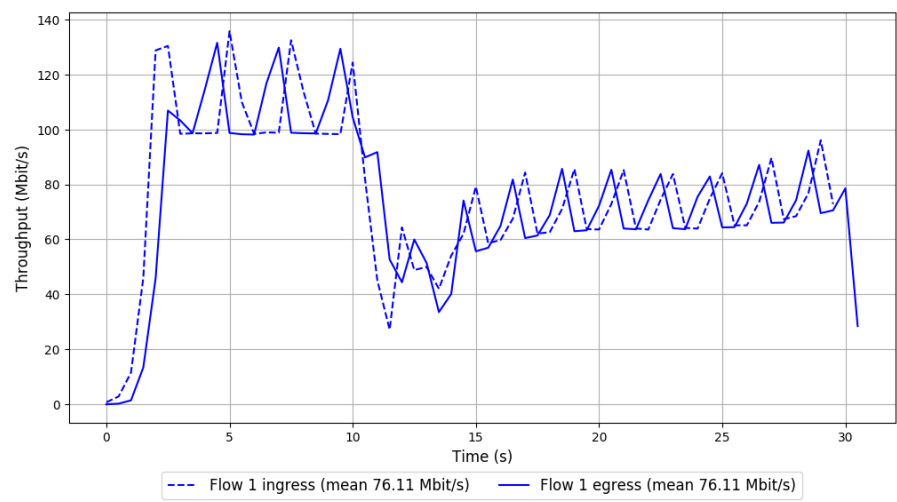


Run 7: Statistics of TCP Cubic

Start at: 2018-07-24 08:10:02
End at: 2018-07-24 08:10:32
Local clock offset: -4.671 ms
Remote clock offset: -2.845 ms

Below is generated by plot.py at 2018-07-24 09:41:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.11 Mbit/s
95th percentile per-packet one-way delay: 123.461 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.11 Mbit/s
95th percentile per-packet one-way delay: 123.461 ms
Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link

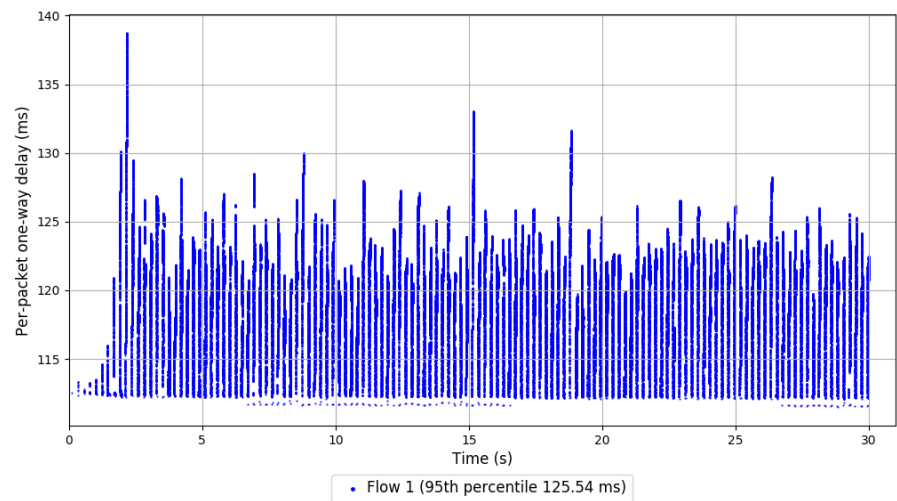
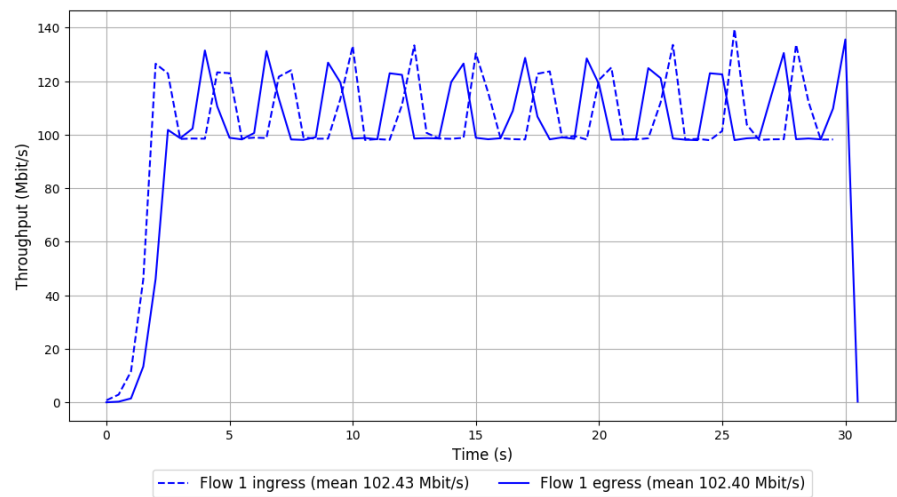


Run 8: Statistics of TCP Cubic

Start at: 2018-07-24 08:32:07
End at: 2018-07-24 08:32:37
Local clock offset: -3.208 ms
Remote clock offset: -2.843 ms

Below is generated by plot.py at 2018-07-24 09:42:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.40 Mbit/s
95th percentile per-packet one-way delay: 125.537 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.40 Mbit/s
95th percentile per-packet one-way delay: 125.537 ms
Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link

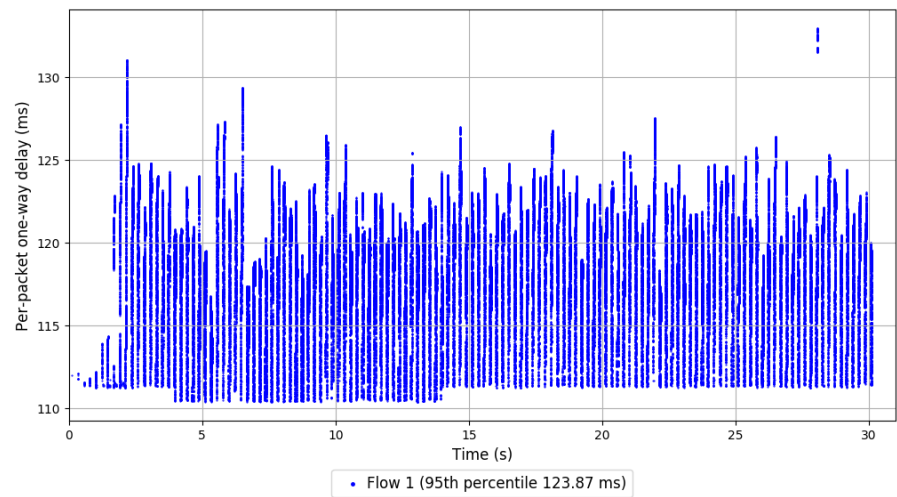
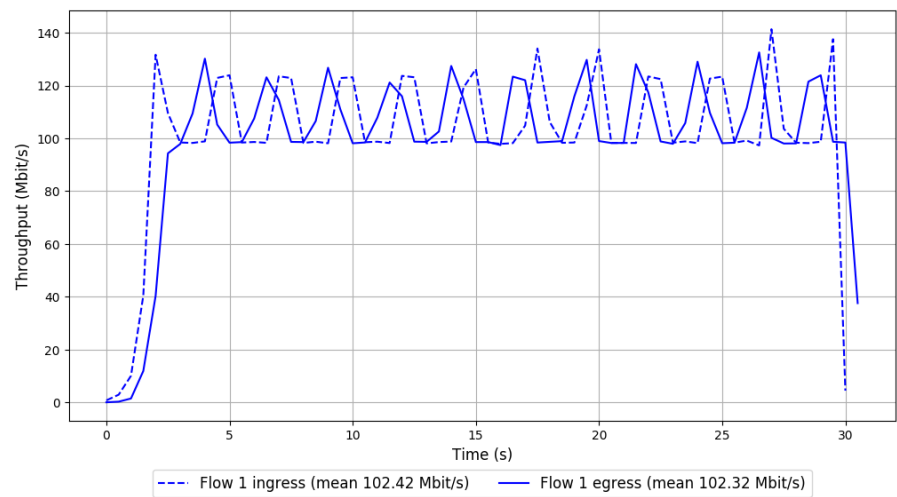


Run 9: Statistics of TCP Cubic

Start at: 2018-07-24 08:54:02
End at: 2018-07-24 08:54:32
Local clock offset: -1.219 ms
Remote clock offset: -1.207 ms

Below is generated by plot.py at 2018-07-24 09:42:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 102.32 Mbit/s
95th percentile per-packet one-way delay: 123.866 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 102.32 Mbit/s
95th percentile per-packet one-way delay: 123.866 ms
Loss rate: 0.10%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-07-24 09:16:13

End at: 2018-07-24 09:16:43

Local clock offset: -0.85 ms

Remote clock offset: -0.369 ms

Below is generated by plot.py at 2018-07-24 09:42:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 102.16 Mbit/s

95th percentile per-packet one-way delay: 124.174 ms

Loss rate: 0.09%

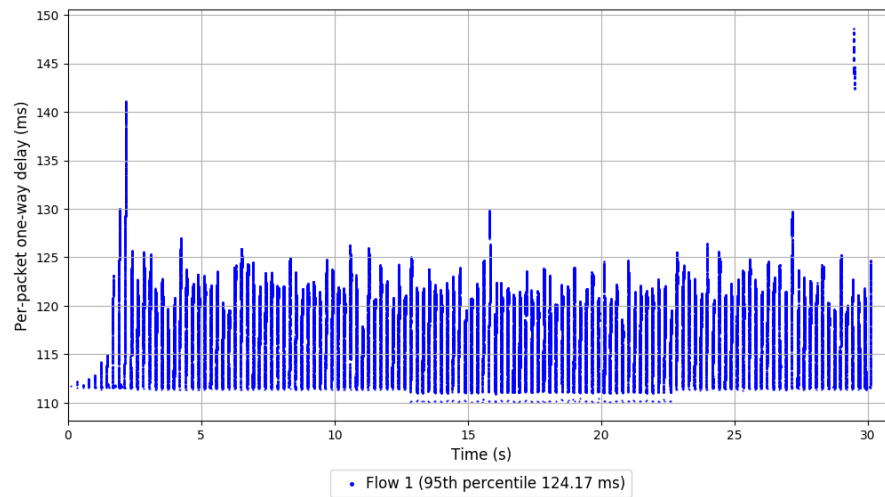
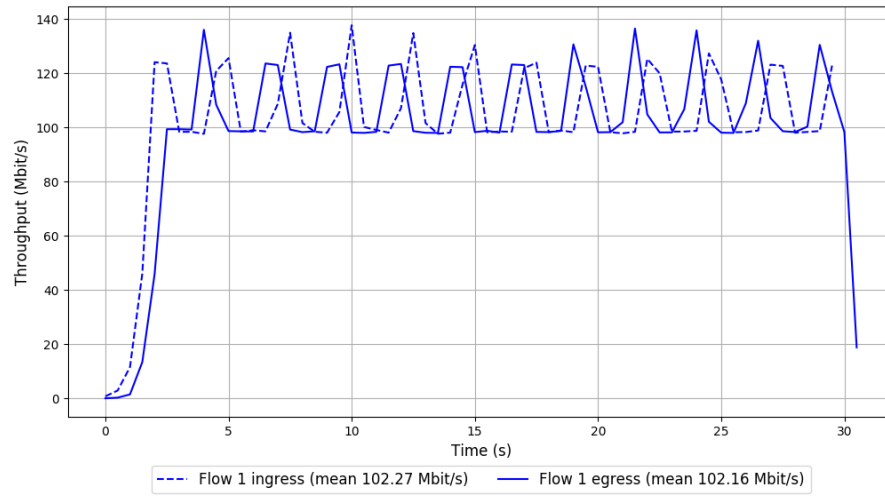
-- Flow 1:

Average throughput: 102.16 Mbit/s

95th percentile per-packet one-way delay: 124.174 ms

Loss rate: 0.09%

Run 10: Report of TCP Cubic — Data Link

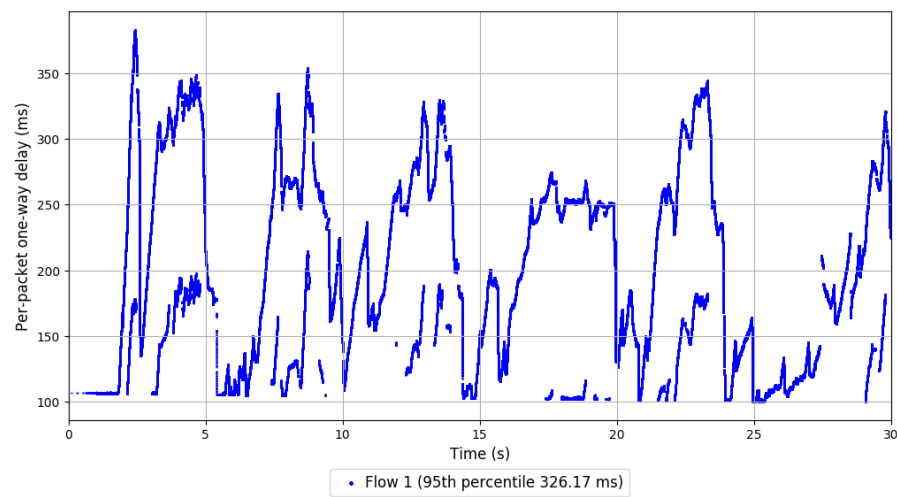
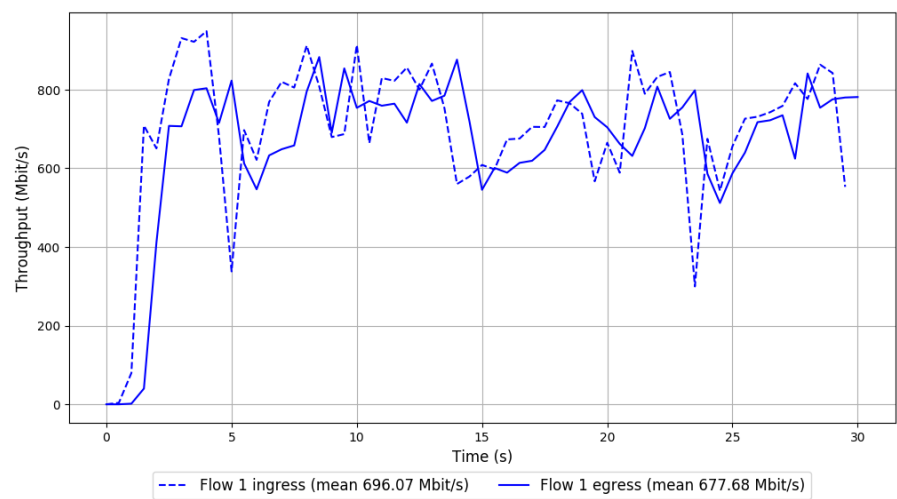


Run 1: Statistics of FillP

Start at: 2018-07-24 05:49:01
End at: 2018-07-24 05:49:31
Local clock offset: -24.698 ms
Remote clock offset: -45.093 ms

Below is generated by plot.py at 2018-07-24 09:53:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 677.68 Mbit/s
95th percentile per-packet one-way delay: 326.173 ms
Loss rate: 2.66%
-- Flow 1:
Average throughput: 677.68 Mbit/s
95th percentile per-packet one-way delay: 326.173 ms
Loss rate: 2.66%

Run 1: Report of FillP — Data Link

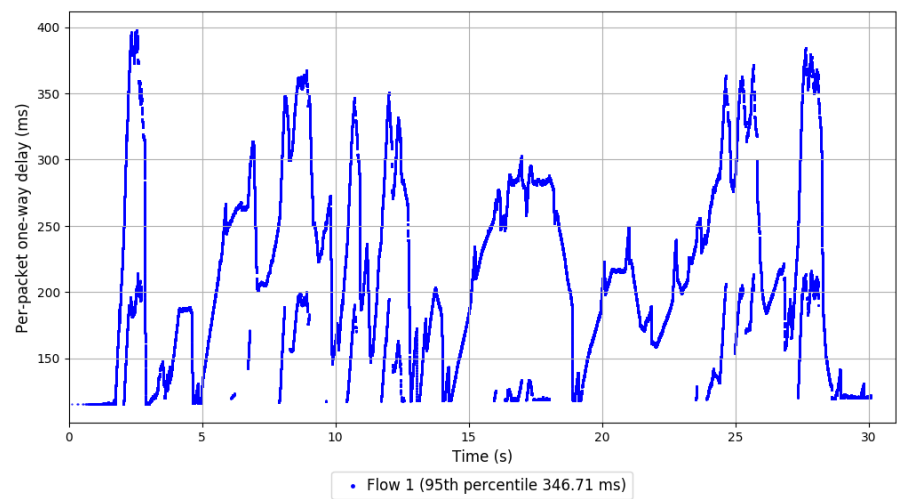
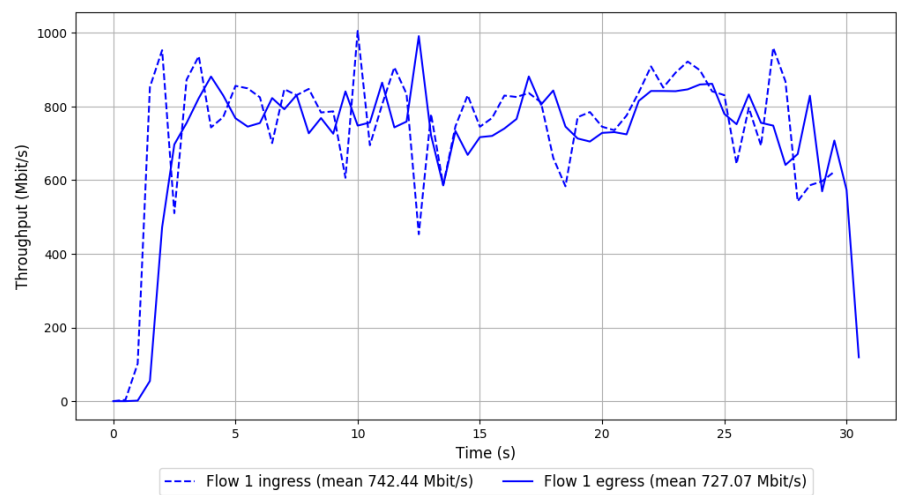


Run 2: Statistics of FillP

Start at: 2018-07-24 06:11:37
End at: 2018-07-24 06:12:07
Local clock offset: -45.021 ms
Remote clock offset: -37.661 ms

Below is generated by plot.py at 2018-07-24 09:54:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 727.07 Mbit/s
95th percentile per-packet one-way delay: 346.715 ms
Loss rate: 2.05%
-- Flow 1:
Average throughput: 727.07 Mbit/s
95th percentile per-packet one-way delay: 346.715 ms
Loss rate: 2.05%

Run 2: Report of FillP — Data Link

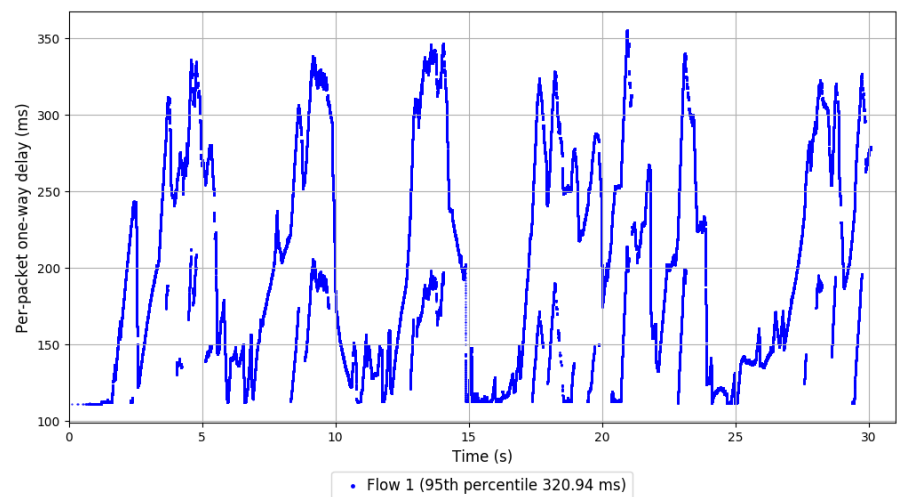
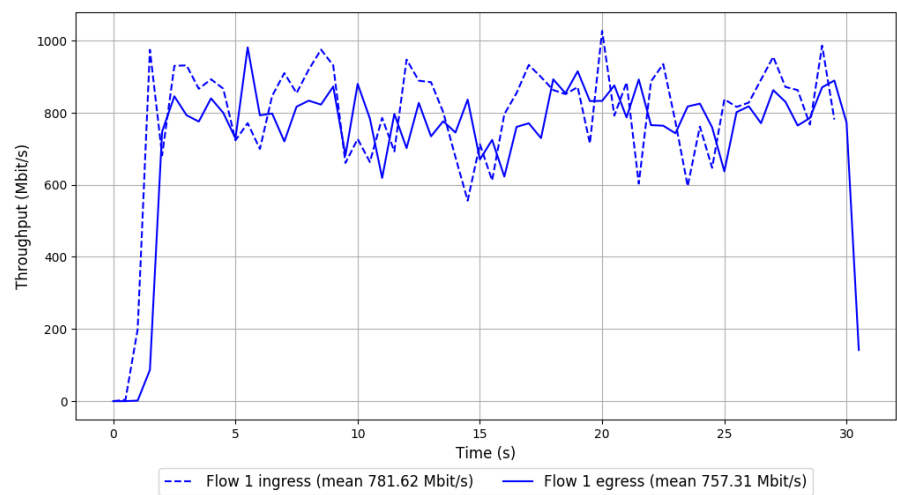


Run 3: Statistics of FillP

Start at: 2018-07-24 06:34:15
End at: 2018-07-24 06:34:45
Local clock offset: -22.199 ms
Remote clock offset: -41.49 ms

Below is generated by plot.py at 2018-07-24 09:55:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 757.31 Mbit/s
95th percentile per-packet one-way delay: 320.940 ms
Loss rate: 3.11%
-- Flow 1:
Average throughput: 757.31 Mbit/s
95th percentile per-packet one-way delay: 320.940 ms
Loss rate: 3.11%

Run 3: Report of FillP — Data Link

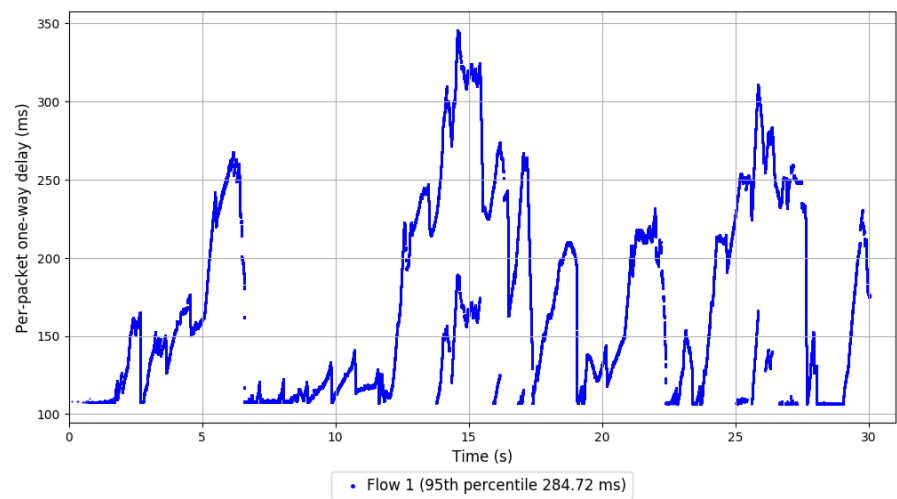
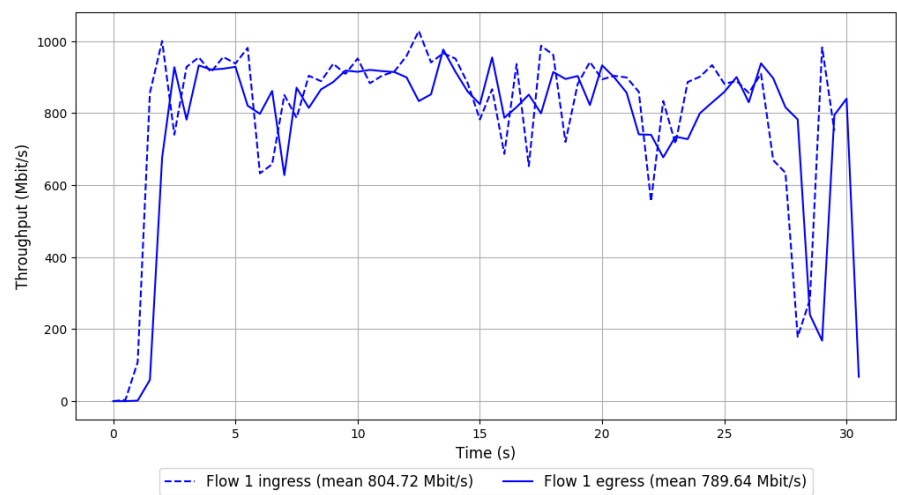


Run 4: Statistics of FillP

Start at: 2018-07-24 06:56:50
End at: 2018-07-24 06:57:20
Local clock offset: -37.274 ms
Remote clock offset: -31.387 ms

Below is generated by plot.py at 2018-07-24 09:56:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 789.64 Mbit/s
95th percentile per-packet one-way delay: 284.721 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 789.64 Mbit/s
95th percentile per-packet one-way delay: 284.721 ms
Loss rate: 1.88%

Run 4: Report of FillP — Data Link

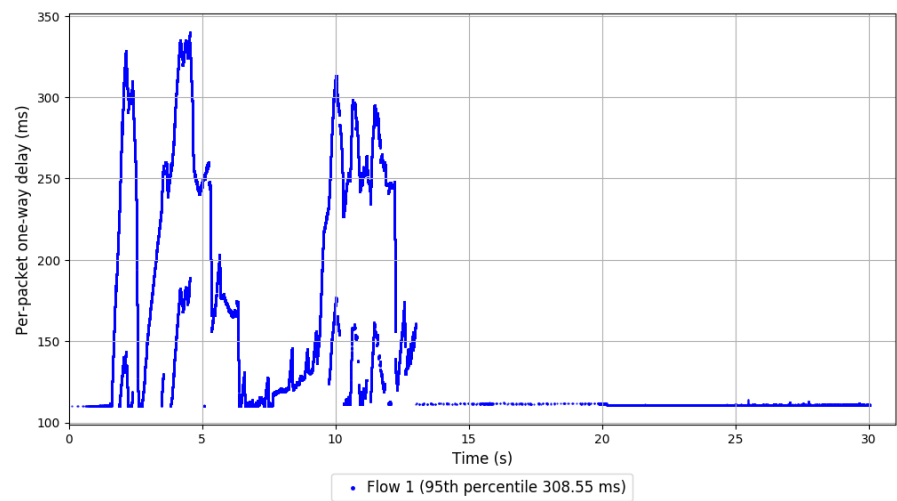
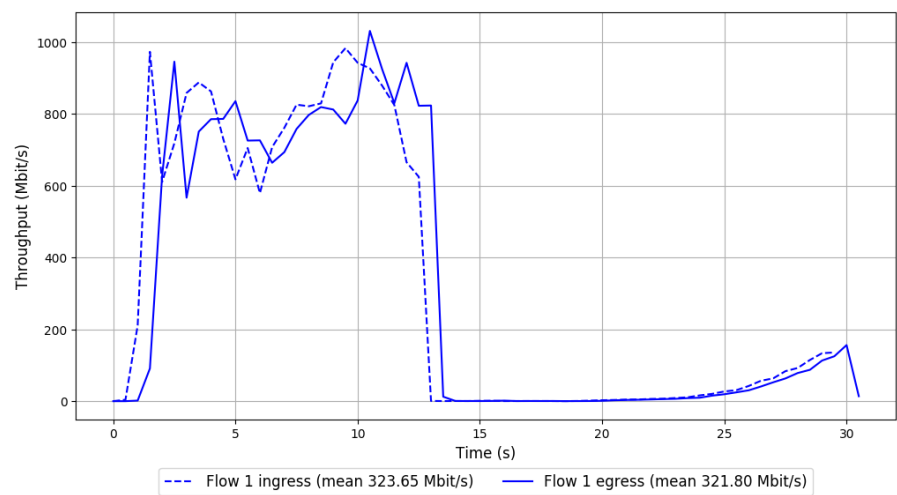


Run 5: Statistics of FillP

Start at: 2018-07-24 07:19:26
End at: 2018-07-24 07:19:56
Local clock offset: -10.604 ms
Remote clock offset: -30.604 ms

Below is generated by plot.py at 2018-07-24 09:56:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 321.80 Mbit/s
95th percentile per-packet one-way delay: 308.553 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 321.80 Mbit/s
95th percentile per-packet one-way delay: 308.553 ms
Loss rate: 0.57%

Run 5: Report of FillP — Data Link

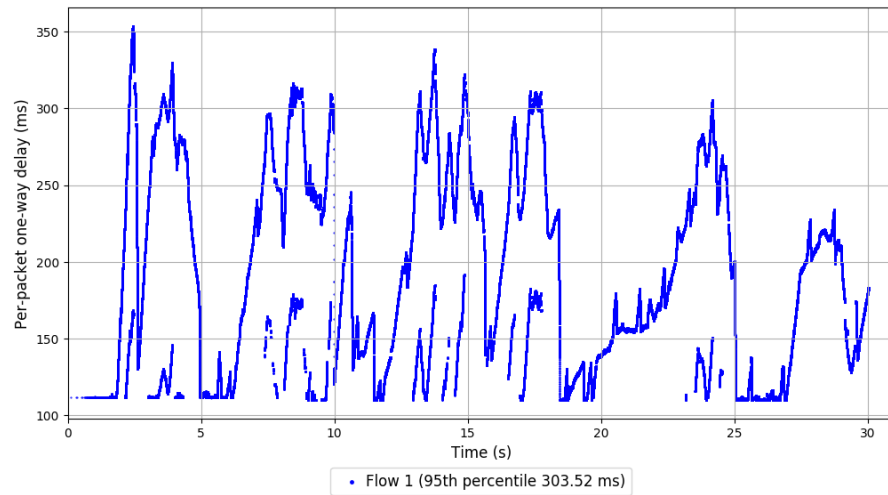
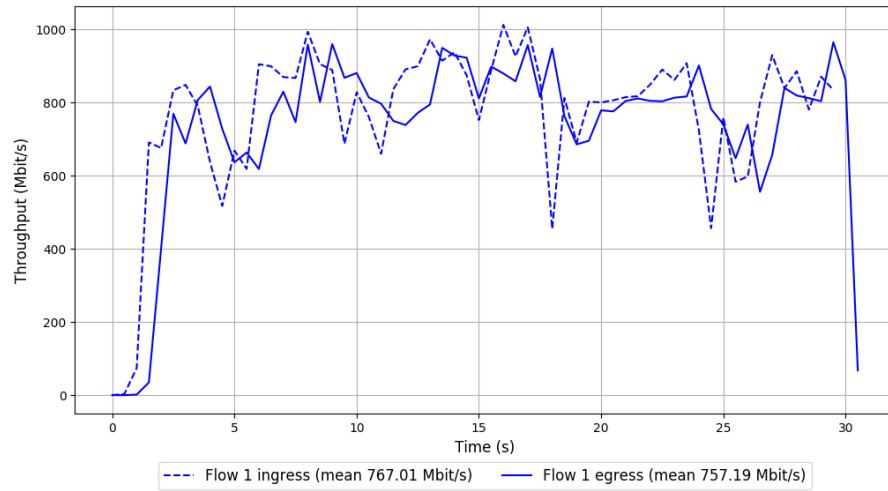


Run 6: Statistics of FillP

Start at: 2018-07-24 07:41:58
End at: 2018-07-24 07:42:28
Local clock offset: -6.14 ms
Remote clock offset: -7.362 ms

Below is generated by plot.py at 2018-07-24 09:56:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 757.19 Mbit/s
95th percentile per-packet one-way delay: 303.524 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 757.19 Mbit/s
95th percentile per-packet one-way delay: 303.524 ms
Loss rate: 1.28%

Run 6: Report of FillP — Data Link

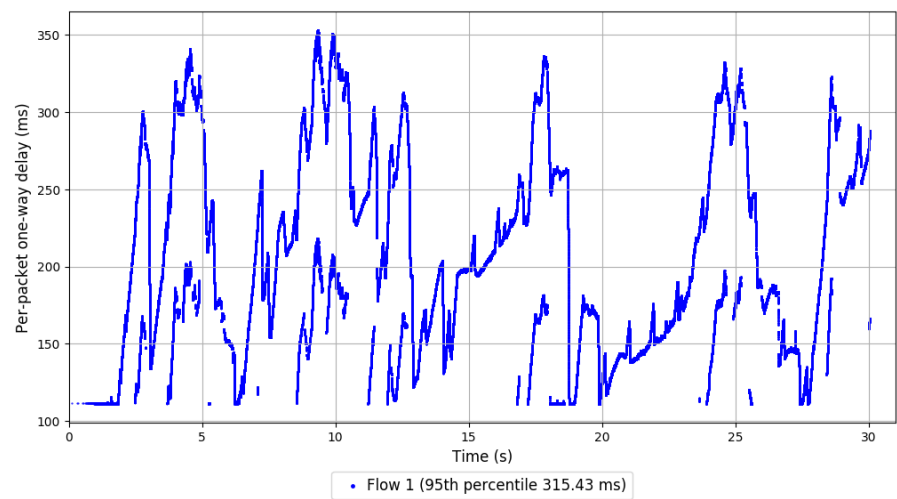
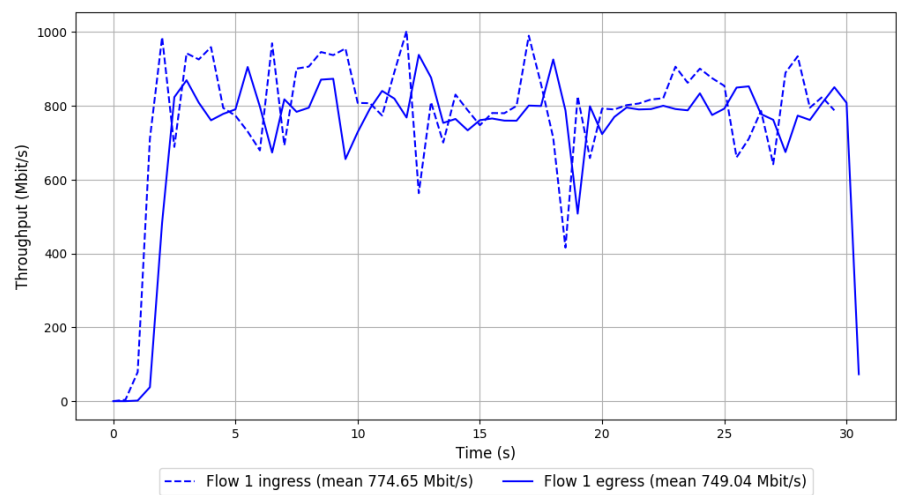


Run 7: Statistics of FillP

Start at: 2018-07-24 08:04:39
End at: 2018-07-24 08:05:09
Local clock offset: -5.566 ms
Remote clock offset: -3.661 ms

Below is generated by plot.py at 2018-07-24 09:56:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 749.04 Mbit/s
95th percentile per-packet one-way delay: 315.426 ms
Loss rate: 3.30%
-- Flow 1:
Average throughput: 749.04 Mbit/s
95th percentile per-packet one-way delay: 315.426 ms
Loss rate: 3.30%

Run 7: Report of FillP — Data Link

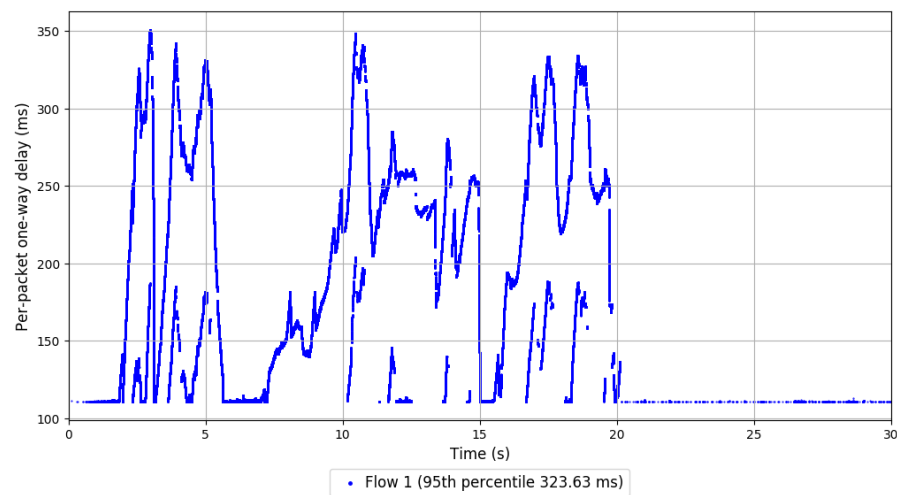
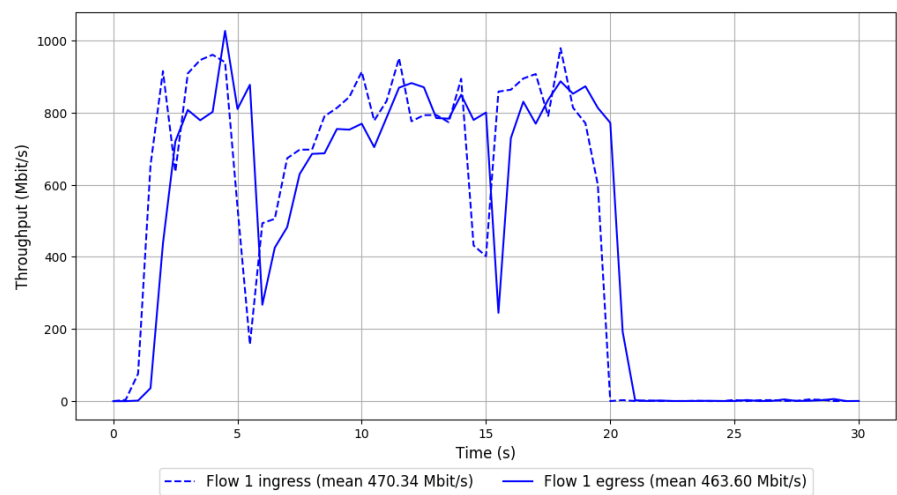


Run 8: Statistics of FillP

Start at: 2018-07-24 08:27:04
End at: 2018-07-24 08:27:34
Local clock offset: -1.571 ms
Remote clock offset: -3.095 ms

Below is generated by plot.py at 2018-07-24 09:56:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 463.60 Mbit/s
95th percentile per-packet one-way delay: 323.628 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 463.60 Mbit/s
95th percentile per-packet one-way delay: 323.628 ms
Loss rate: 1.43%

Run 8: Report of FillP — Data Link

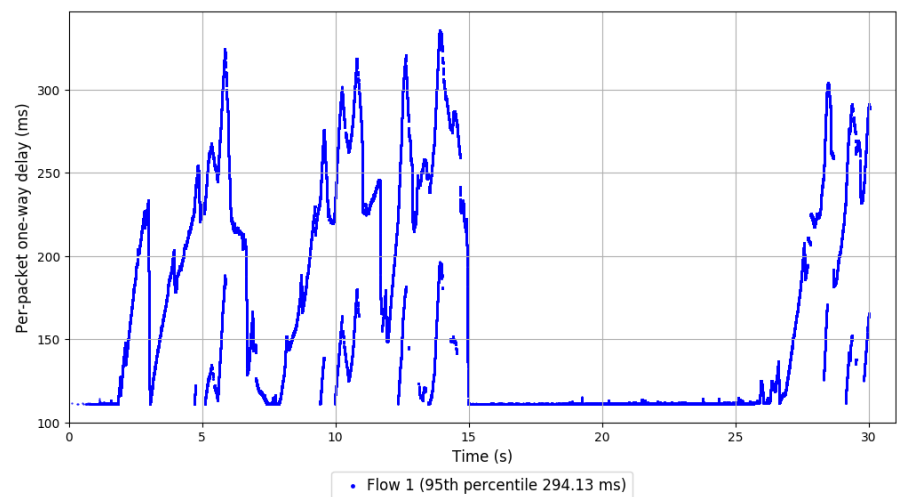
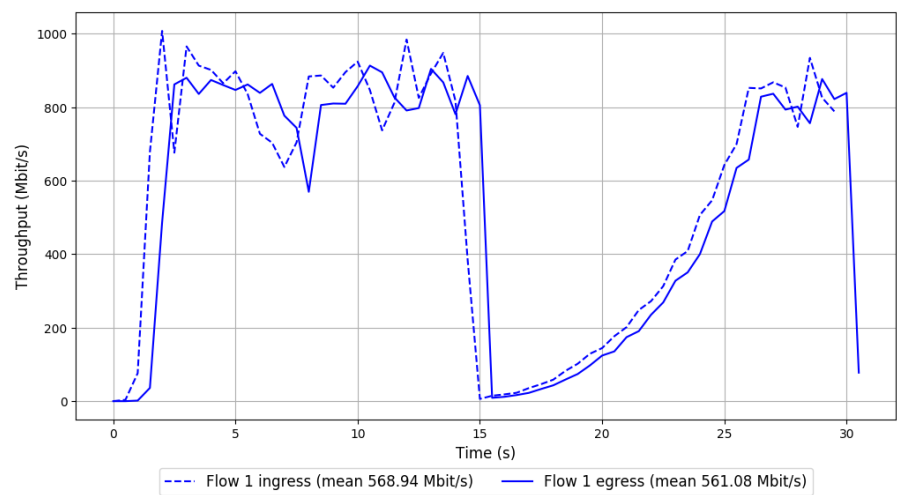


Run 9: Statistics of FillP

Start at: 2018-07-24 08:48:50
End at: 2018-07-24 08:49:20
Local clock offset: -1.267 ms
Remote clock offset: -0.833 ms

Below is generated by plot.py at 2018-07-24 09:58:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 561.08 Mbit/s
95th percentile per-packet one-way delay: 294.131 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 561.08 Mbit/s
95th percentile per-packet one-way delay: 294.131 ms
Loss rate: 1.38%

Run 9: Report of FillP — Data Link

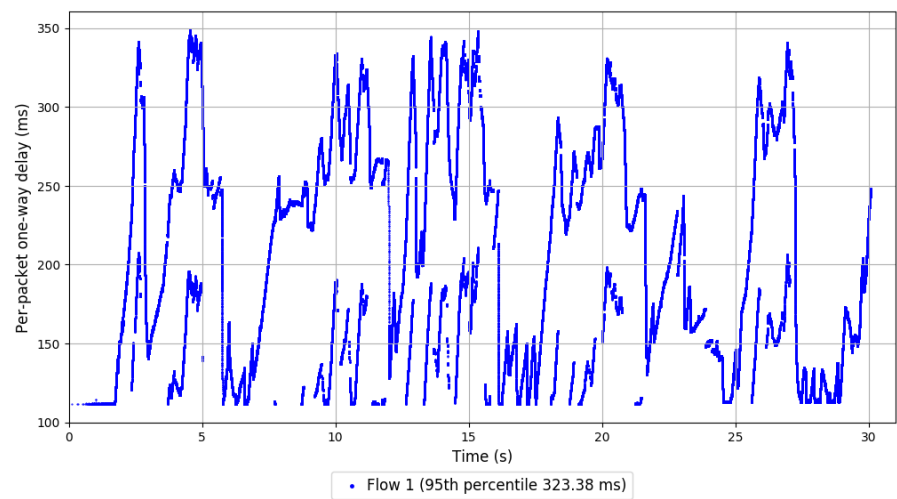
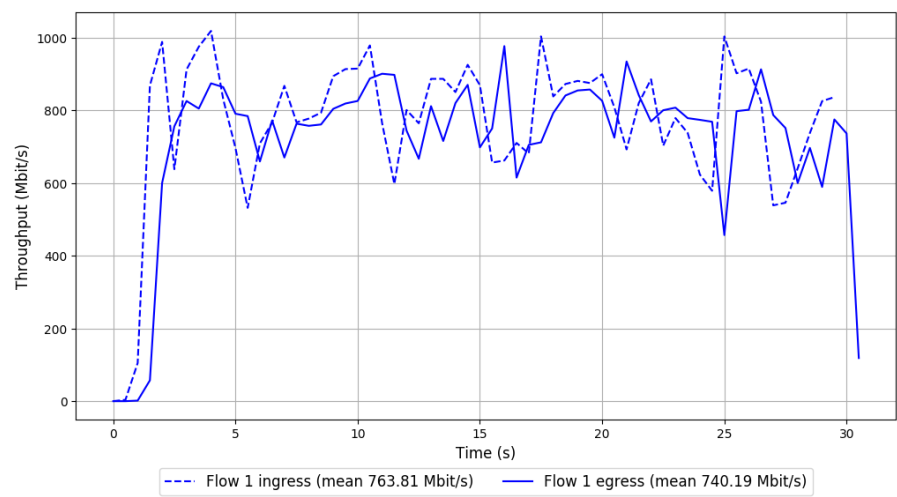


Run 10: Statistics of FillP

Start at: 2018-07-24 09:10:52
End at: 2018-07-24 09:11:22
Local clock offset: -2.276 ms
Remote clock offset: -0.937 ms

Below is generated by plot.py at 2018-07-24 10:06:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 740.19 Mbit/s
95th percentile per-packet one-way delay: 323.381 ms
Loss rate: 3.09%
-- Flow 1:
Average throughput: 740.19 Mbit/s
95th percentile per-packet one-way delay: 323.381 ms
Loss rate: 3.09%

Run 10: Report of FillP — Data Link

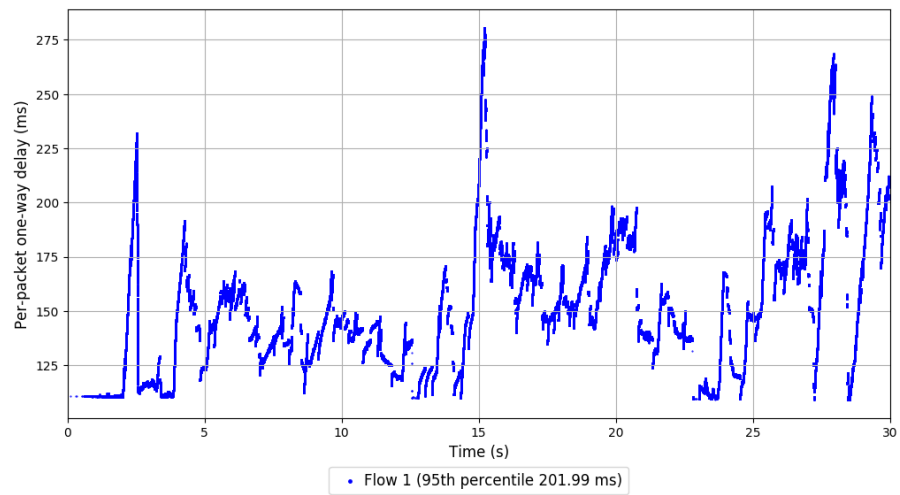
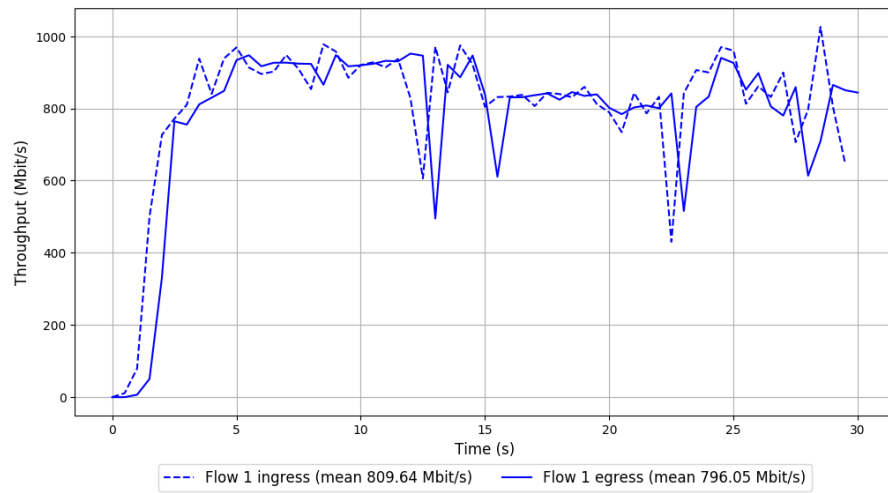


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-24 05:58:13
End at: 2018-07-24 05:58:43
Local clock offset: -29.875 ms
Remote clock offset: -25.024 ms

Below is generated by plot.py at 2018-07-24 10:09:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 796.05 Mbit/s
95th percentile per-packet one-way delay: 201.986 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 796.05 Mbit/s
95th percentile per-packet one-way delay: 201.986 ms
Loss rate: 1.65%

Run 1: Report of FillP-Sheep — Data Link

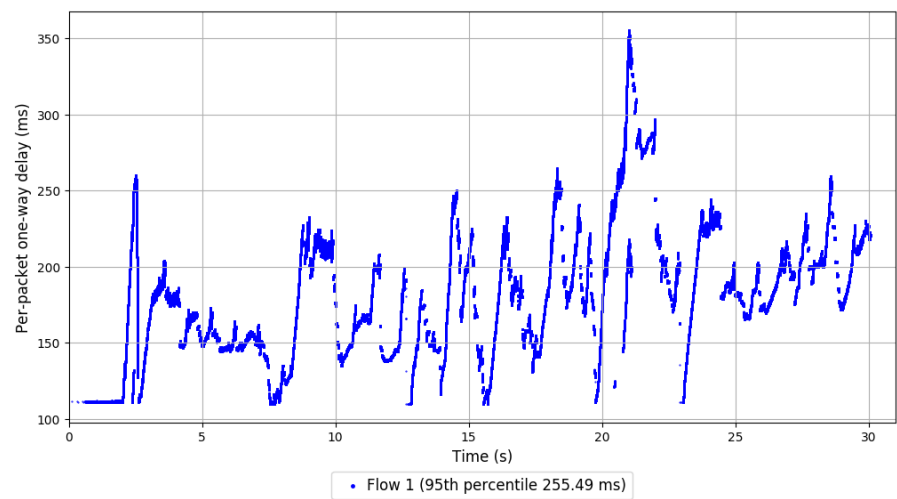
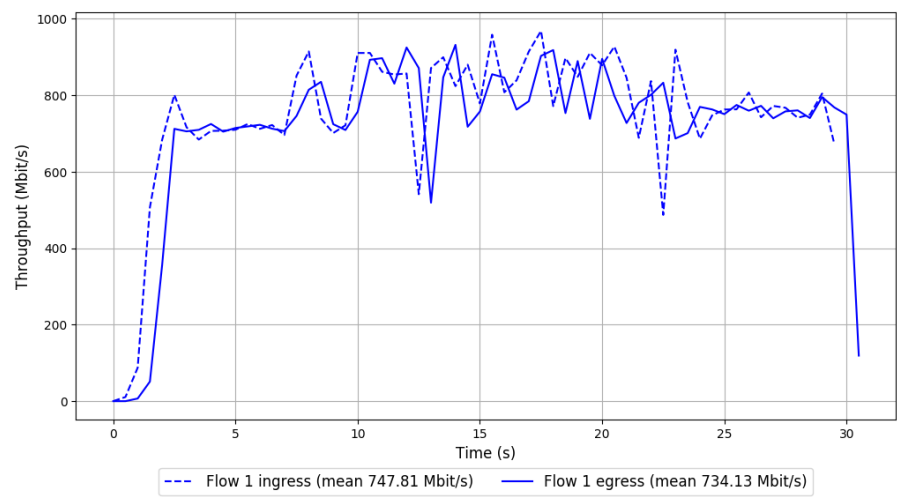


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-24 06:20:49
End at: 2018-07-24 06:21:19
Local clock offset: -23.28 ms
Remote clock offset: -32.183 ms

Below is generated by plot.py at 2018-07-24 10:09:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 734.13 Mbit/s
95th percentile per-packet one-way delay: 255.494 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 734.13 Mbit/s
95th percentile per-packet one-way delay: 255.494 ms
Loss rate: 1.94%

Run 2: Report of FillP-Sheep — Data Link

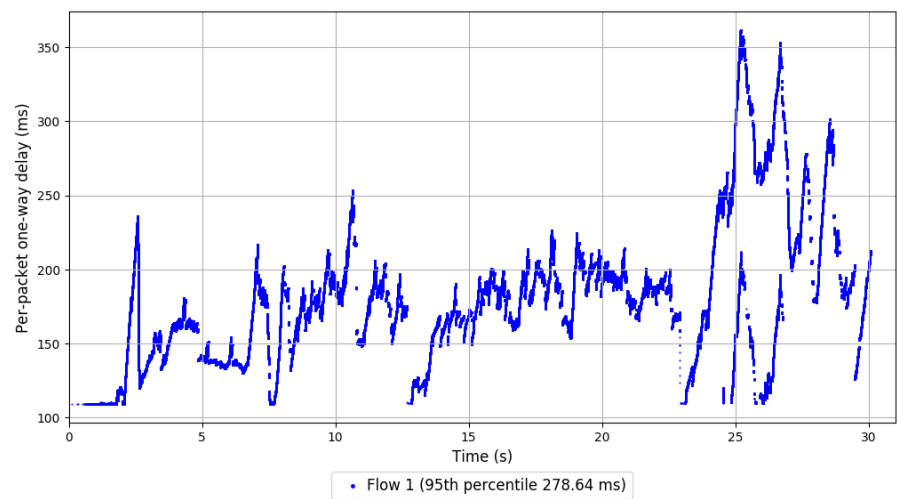
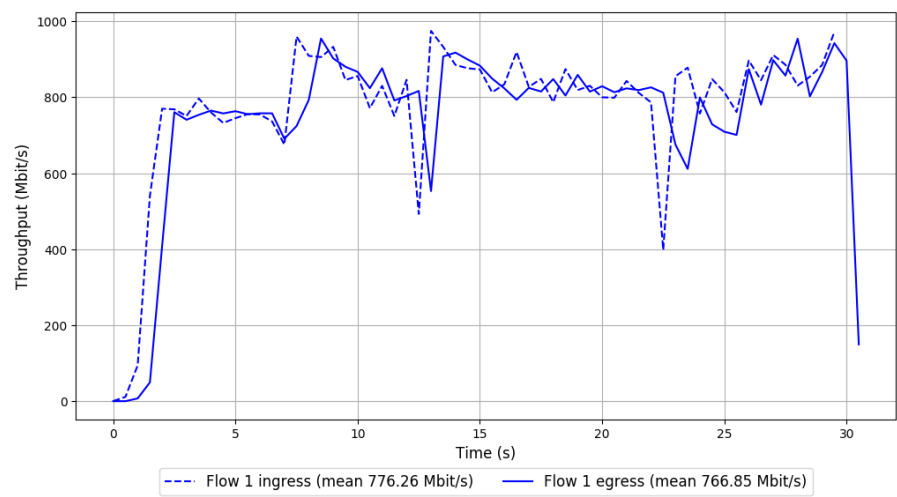


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-24 06:43:36
End at: 2018-07-24 06:44:06
Local clock offset: -24.883 ms
Remote clock offset: -57.126 ms

Below is generated by plot.py at 2018-07-24 10:10:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 766.85 Mbit/s
95th percentile per-packet one-way delay: 278.638 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 766.85 Mbit/s
95th percentile per-packet one-way delay: 278.638 ms
Loss rate: 1.19%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-07-24 07:06:21

End at: 2018-07-24 07:06:51

Local clock offset: -25.606 ms

Remote clock offset: -24.135 ms

Below is generated by plot.py at 2018-07-24 10:10:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 768.33 Mbit/s

95th percentile per-packet one-way delay: 225.856 ms

Loss rate: 1.23%

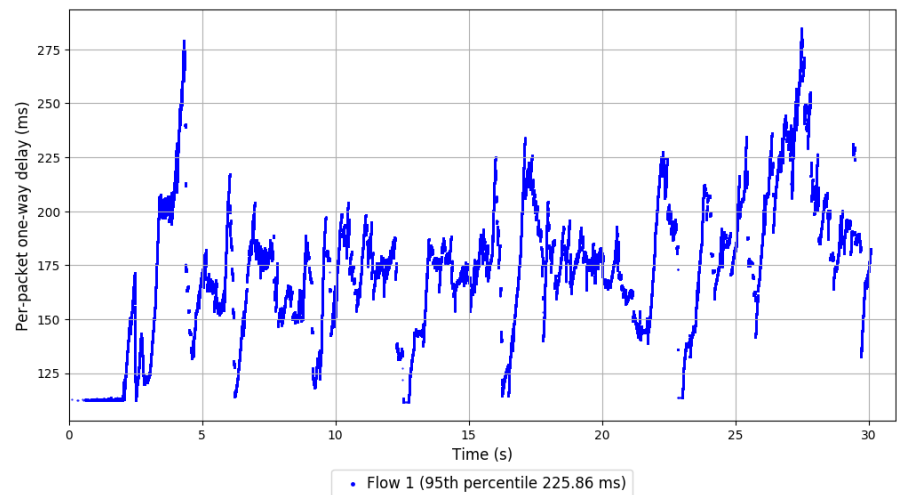
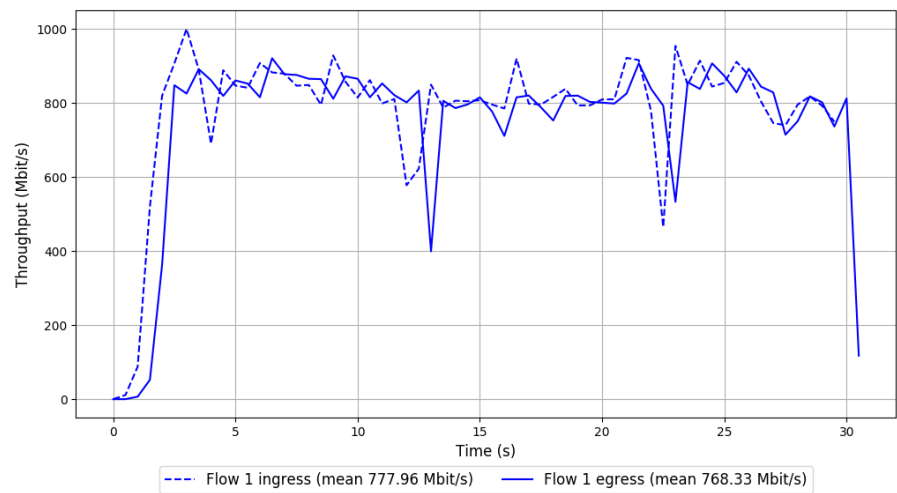
-- Flow 1:

Average throughput: 768.33 Mbit/s

95th percentile per-packet one-way delay: 225.856 ms

Loss rate: 1.23%

Run 4: Report of FillP-Sheep — Data Link

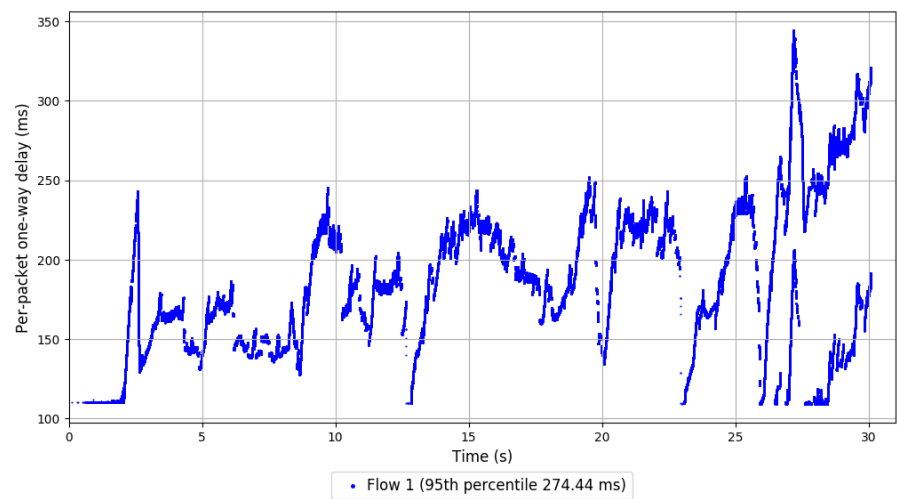
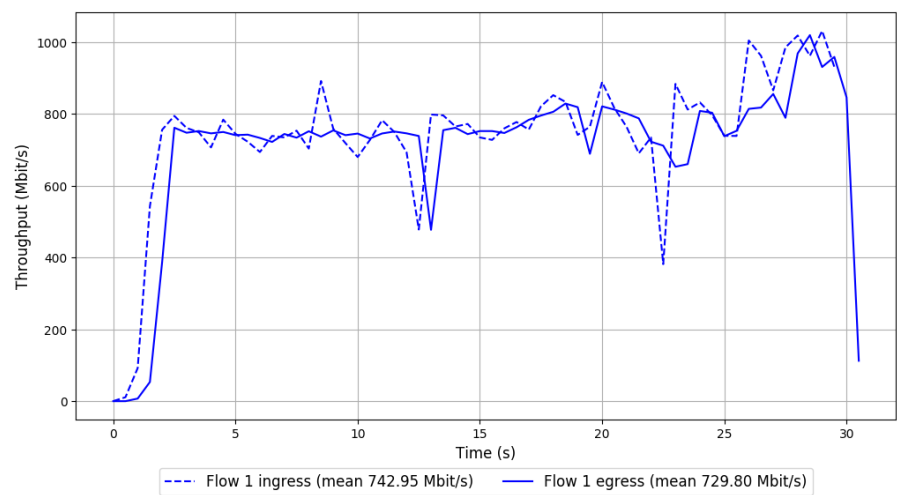


Run 5: Statistics of FillP-Sheep

Start at: 2018-07-24 07:28:26
End at: 2018-07-24 07:28:56
Local clock offset: -10.328 ms
Remote clock offset: -16.963 ms

Below is generated by plot.py at 2018-07-24 10:10:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 729.80 Mbit/s
95th percentile per-packet one-way delay: 274.441 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 729.80 Mbit/s
95th percentile per-packet one-way delay: 274.441 ms
Loss rate: 1.77%

Run 5: Report of FillP-Sheep — Data Link

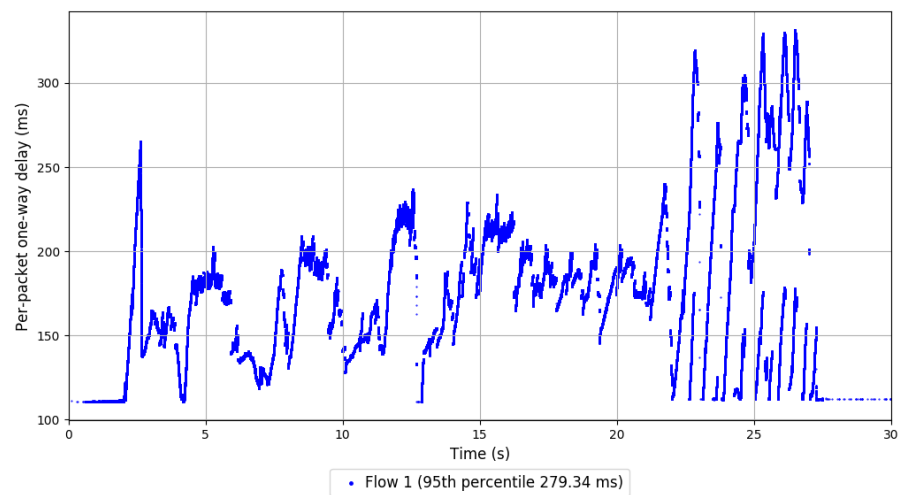
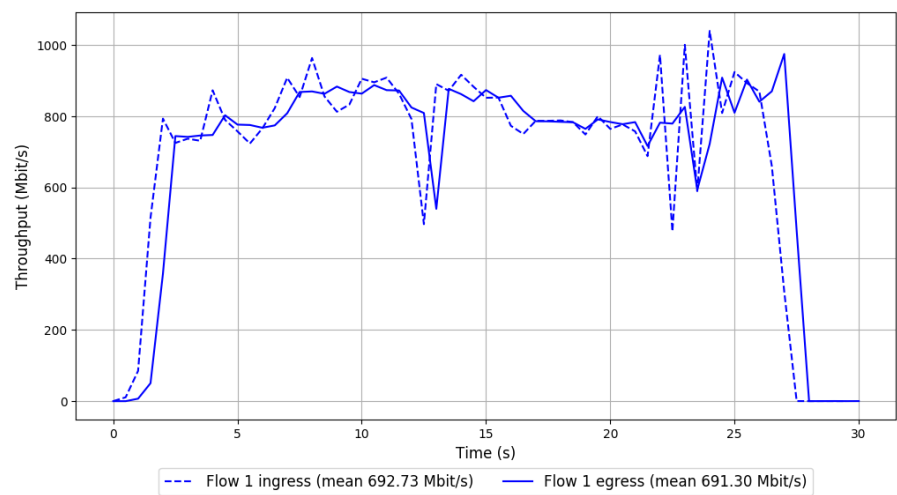


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-24 07:51:14
End at: 2018-07-24 07:51:44
Local clock offset: -3.993 ms
Remote clock offset: -6.729 ms

Below is generated by plot.py at 2018-07-24 10:10:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 691.30 Mbit/s
95th percentile per-packet one-way delay: 279.339 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 691.30 Mbit/s
95th percentile per-packet one-way delay: 279.339 ms
Loss rate: 0.20%

Run 6: Report of FillP-Sheep — Data Link

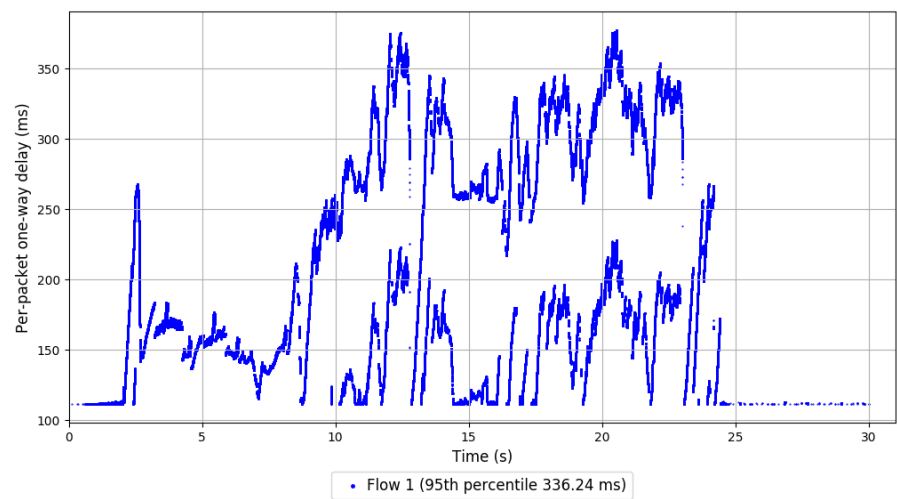
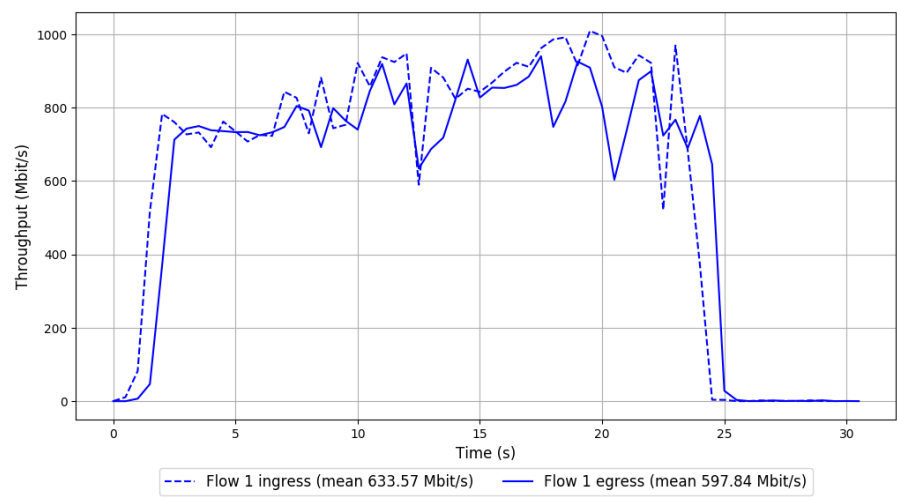


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-24 08:13:55
End at: 2018-07-24 08:14:25
Local clock offset: -3.2 ms
Remote clock offset: -2.279 ms

Below is generated by plot.py at 2018-07-24 10:10:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 597.84 Mbit/s
95th percentile per-packet one-way delay: 336.244 ms
Loss rate: 5.64%
-- Flow 1:
Average throughput: 597.84 Mbit/s
95th percentile per-packet one-way delay: 336.244 ms
Loss rate: 5.64%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-07-24 08:36:03

End at: 2018-07-24 08:36:33

Local clock offset: -2.012 ms

Remote clock offset: -1.98 ms

Below is generated by plot.py at 2018-07-24 10:11:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 235.58 Mbit/s

95th percentile per-packet one-way delay: 338.859 ms

Loss rate: 8.50%

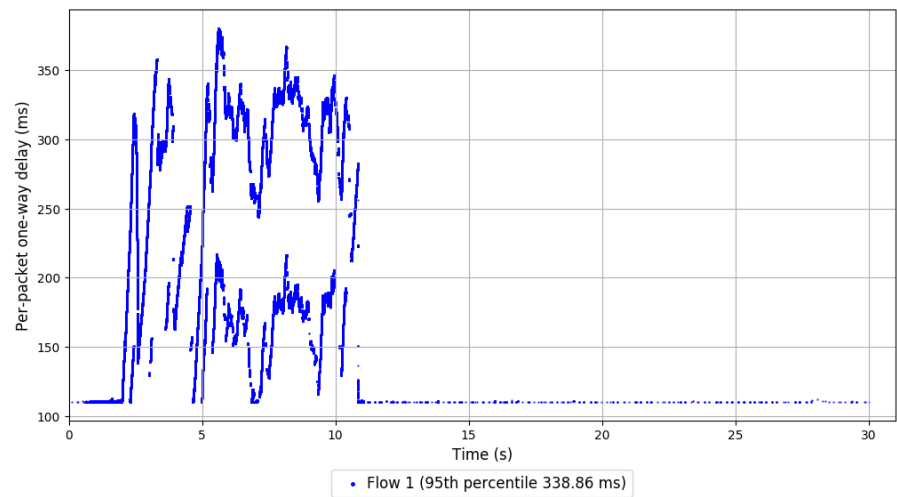
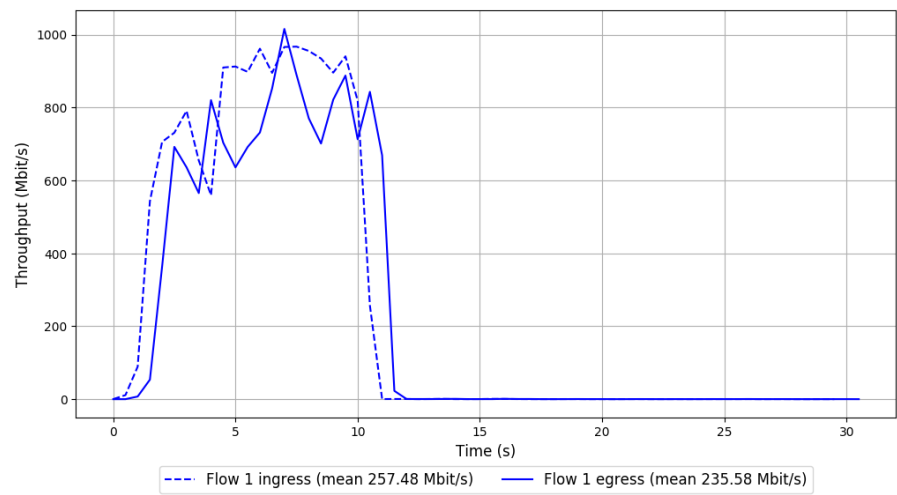
-- Flow 1:

Average throughput: 235.58 Mbit/s

95th percentile per-packet one-way delay: 338.859 ms

Loss rate: 8.50%

Run 8: Report of FillP-Sheep — Data Link

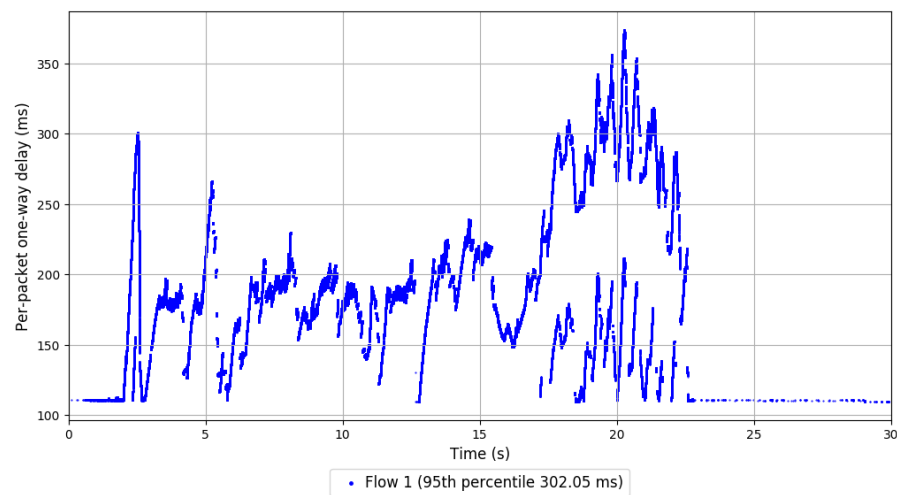
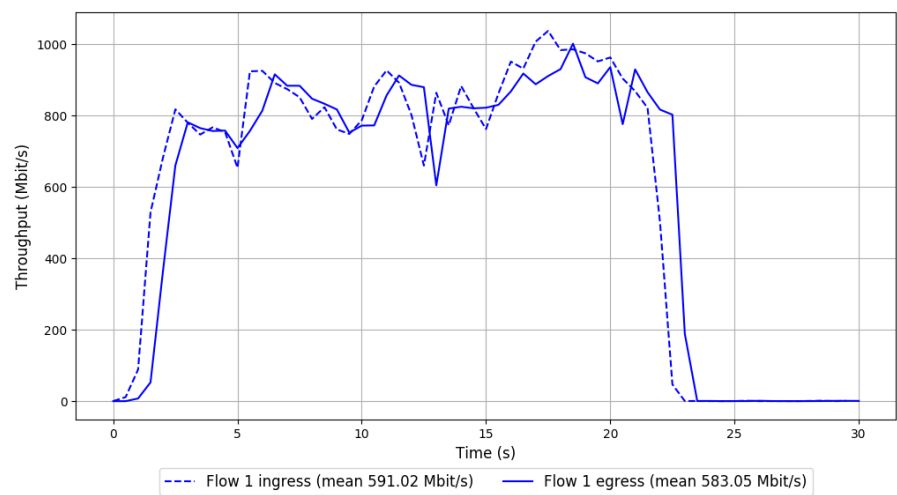


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-24 08:57:57
End at: 2018-07-24 08:58:27
Local clock offset: -0.903 ms
Remote clock offset: -1.758 ms

Below is generated by plot.py at 2018-07-24 10:20:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 583.05 Mbit/s
95th percentile per-packet one-way delay: 302.048 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 583.05 Mbit/s
95th percentile per-packet one-way delay: 302.048 ms
Loss rate: 1.35%

Run 9: Report of FillP-Sheep — Data Link

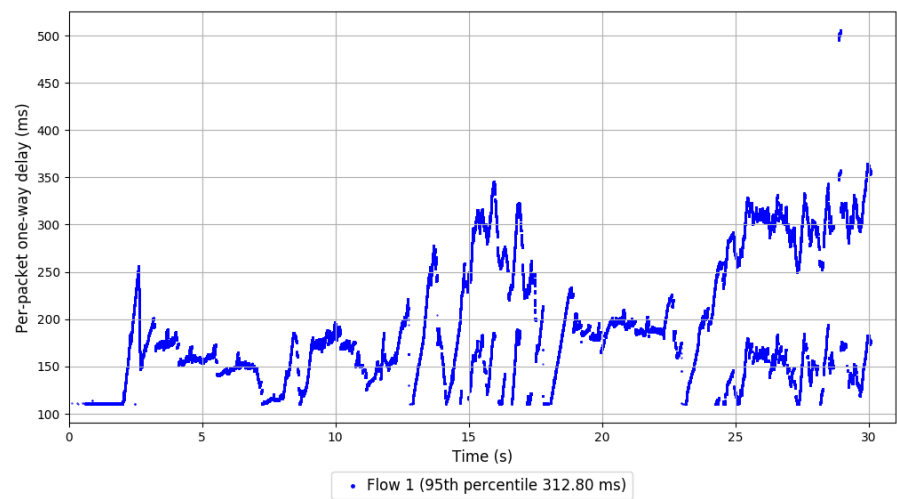
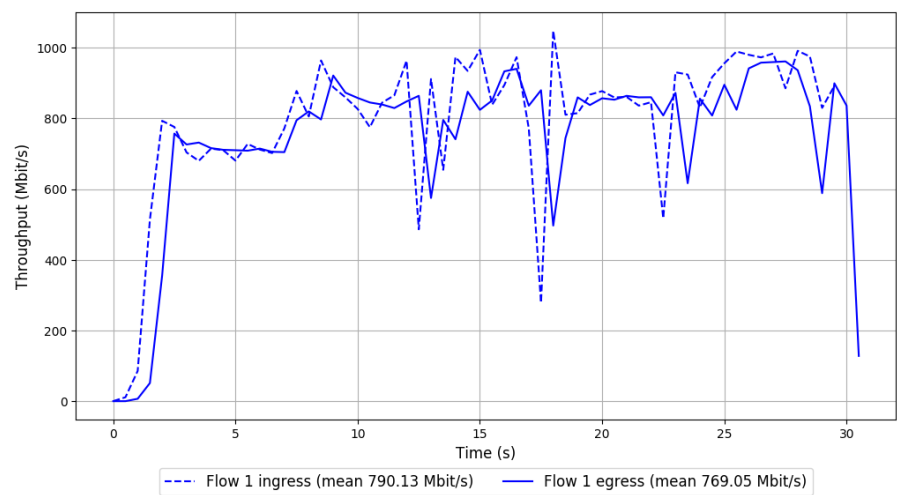


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-24 09:20:09
End at: 2018-07-24 09:20:39
Local clock offset: 0.463 ms
Remote clock offset: -0.314 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 769.05 Mbit/s
95th percentile per-packet one-way delay: 312.799 ms
Loss rate: 2.67%
-- Flow 1:
Average throughput: 769.05 Mbit/s
95th percentile per-packet one-way delay: 312.799 ms
Loss rate: 2.67%

Run 10: Report of FillP-Sheep — Data Link

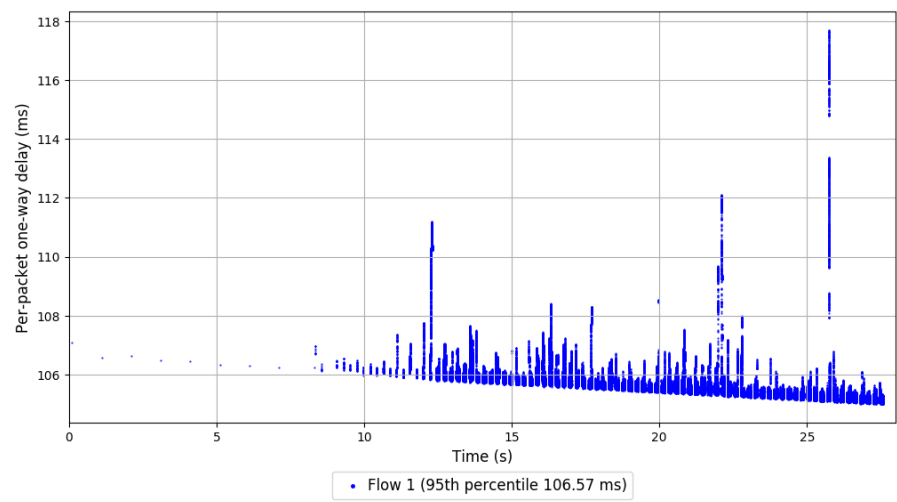
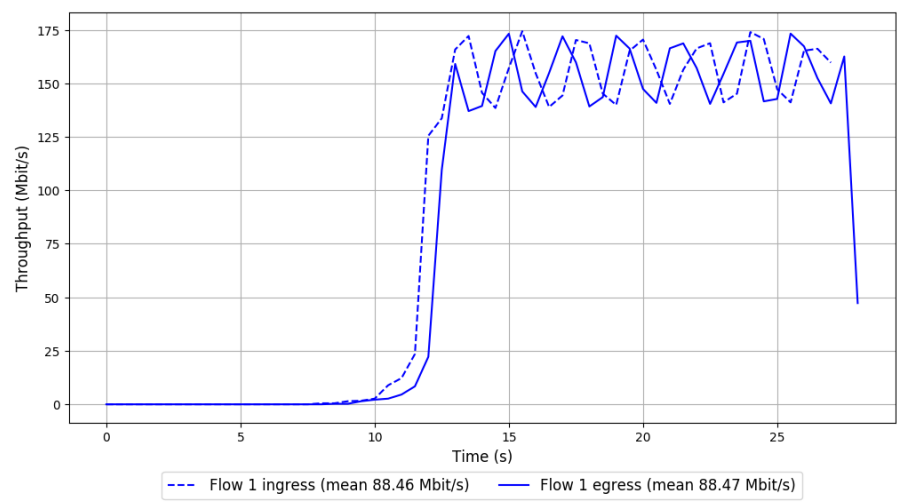


Run 1: Statistics of Indigo

Start at: 2018-07-24 05:38:57
End at: 2018-07-24 05:39:27
Local clock offset: -39.877 ms
Remote clock offset: -33.152 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 106.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 106.570 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

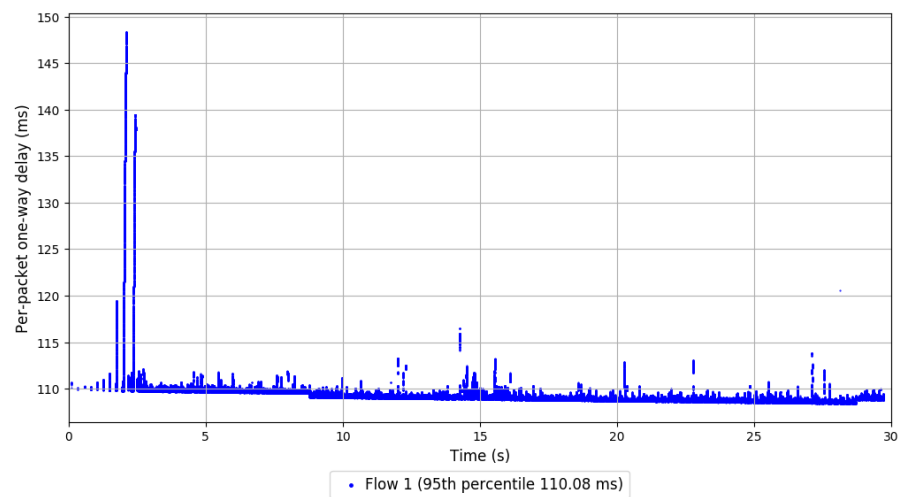
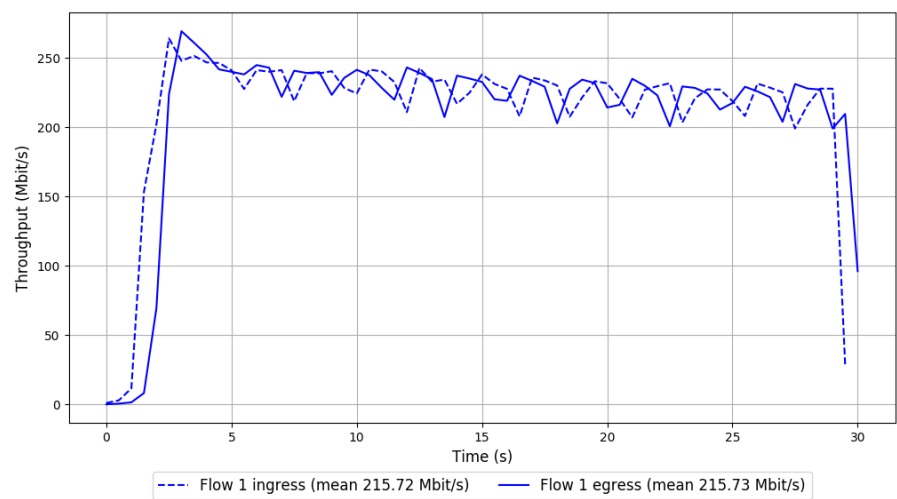


Run 2: Statistics of Indigo

Start at: 2018-07-24 06:01:17
End at: 2018-07-24 06:01:47
Local clock offset: -34.32 ms
Remote clock offset: -22.086 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 215.73 Mbit/s
95th percentile per-packet one-way delay: 110.085 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 215.73 Mbit/s
95th percentile per-packet one-way delay: 110.085 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

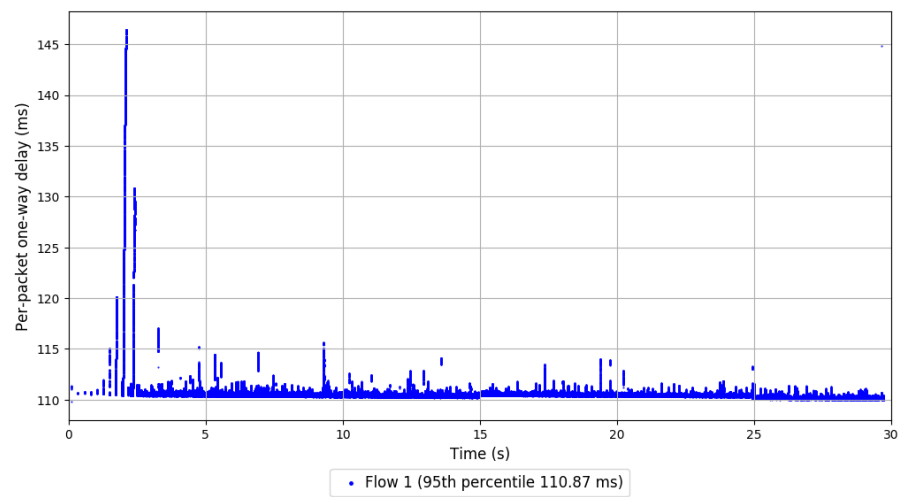
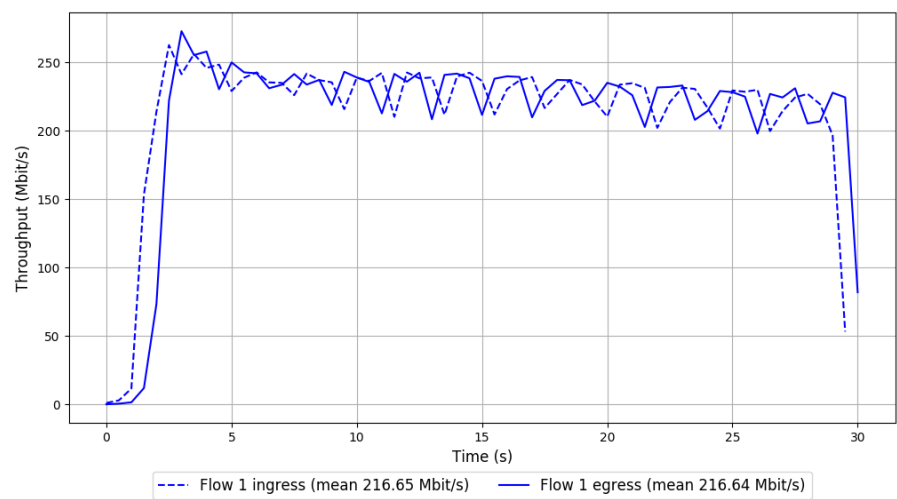


Run 3: Statistics of Indigo

Start at: 2018-07-24 06:23:51
End at: 2018-07-24 06:24:21
Local clock offset: -25.973 ms
Remote clock offset: -32.047 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 216.64 Mbit/s
95th percentile per-packet one-way delay: 110.871 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 216.64 Mbit/s
95th percentile per-packet one-way delay: 110.871 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-07-24 06:46:41

End at: 2018-07-24 06:47:11

Local clock offset: -27.807 ms

Remote clock offset: -62.487 ms

Below is generated by plot.py at 2018-07-24 10:24:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 155.68 Mbit/s

95th percentile per-packet one-way delay: 111.031 ms

Loss rate: 0.00%

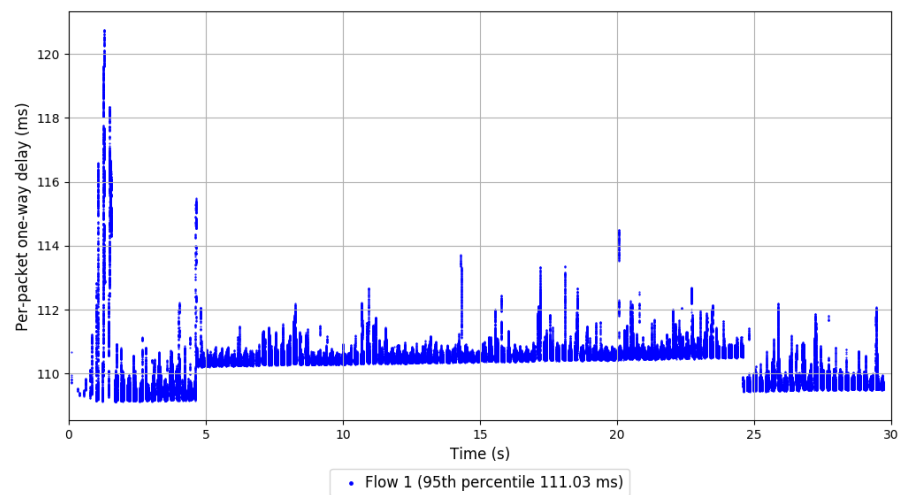
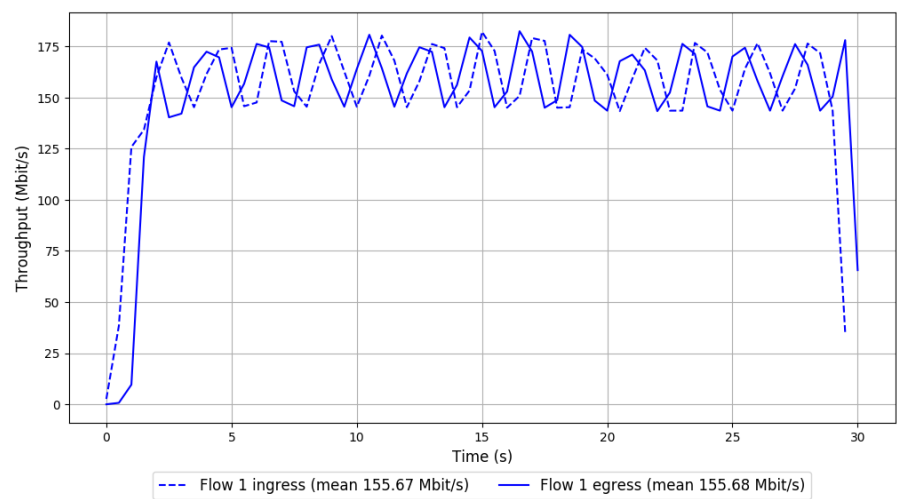
-- Flow 1:

Average throughput: 155.68 Mbit/s

95th percentile per-packet one-way delay: 111.031 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

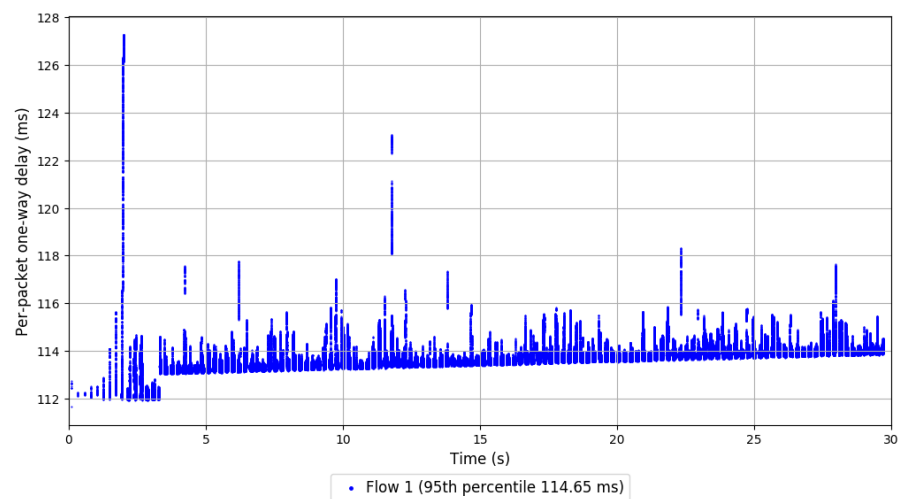
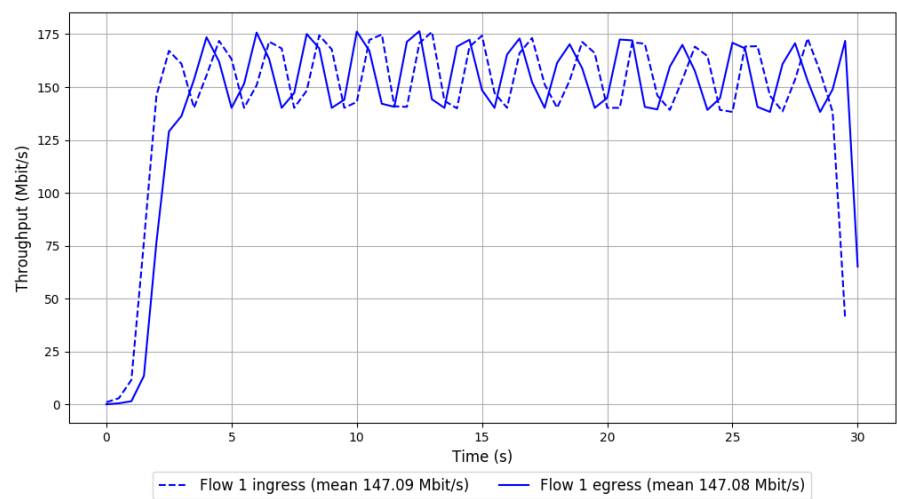


Run 5: Statistics of Indigo

Start at: 2018-07-24 07:09:22
End at: 2018-07-24 07:09:52
Local clock offset: -20.567 ms
Remote clock offset: -24.711 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 147.08 Mbit/s
95th percentile per-packet one-way delay: 114.649 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 147.08 Mbit/s
95th percentile per-packet one-way delay: 114.649 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-07-24 07:31:30

End at: 2018-07-24 07:32:01

Local clock offset: -9.13 ms

Remote clock offset: -12.877 ms

Below is generated by plot.py at 2018-07-24 10:24:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 217.13 Mbit/s

95th percentile per-packet one-way delay: 109.575 ms

Loss rate: 0.00%

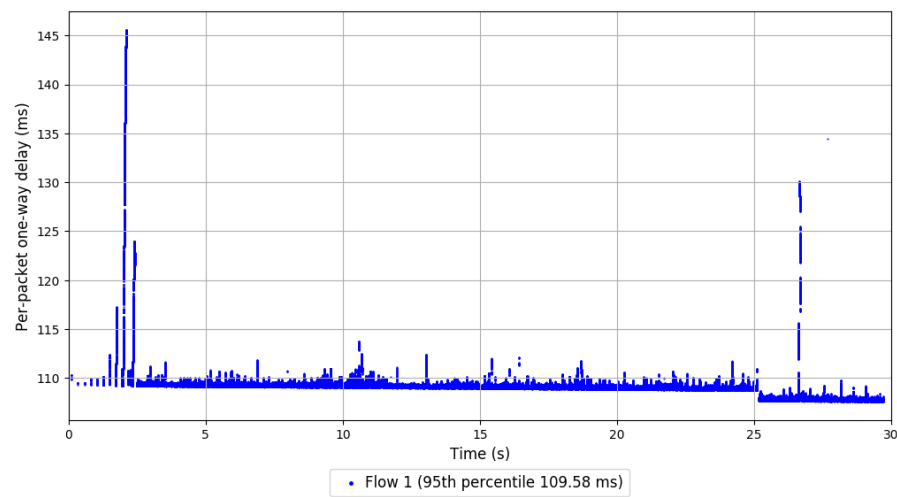
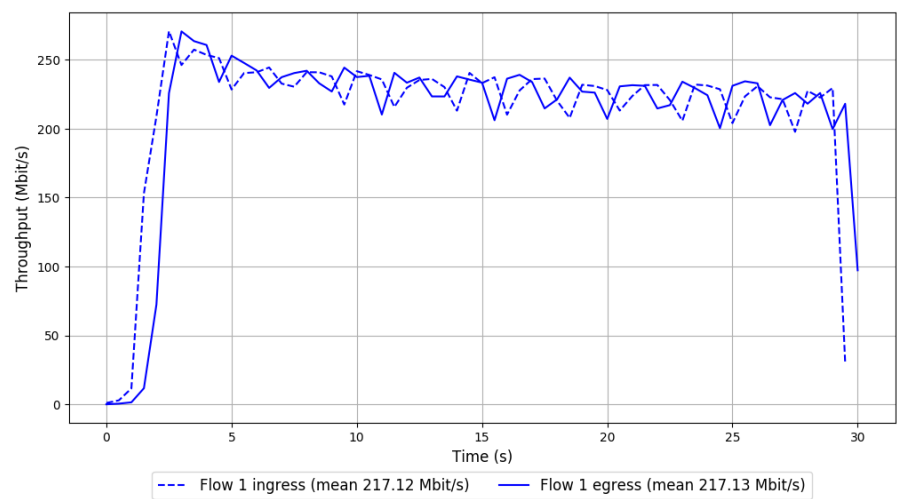
-- Flow 1:

Average throughput: 217.13 Mbit/s

95th percentile per-packet one-way delay: 109.575 ms

Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

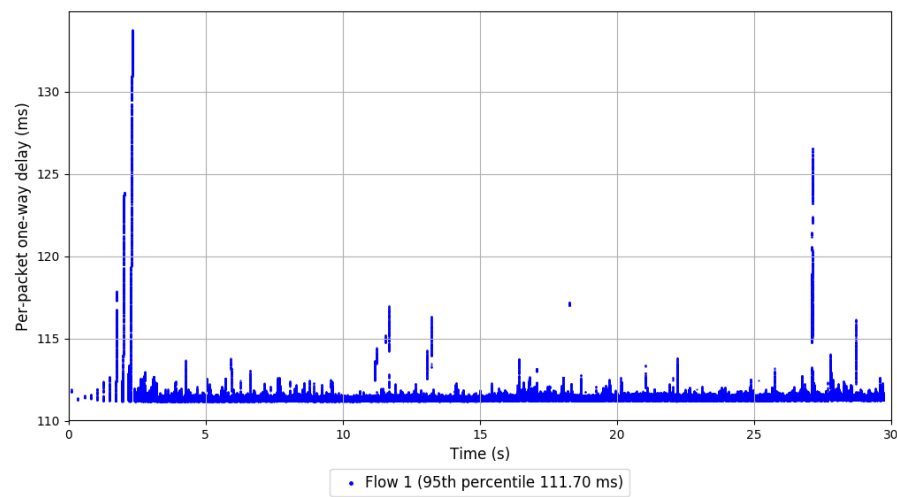
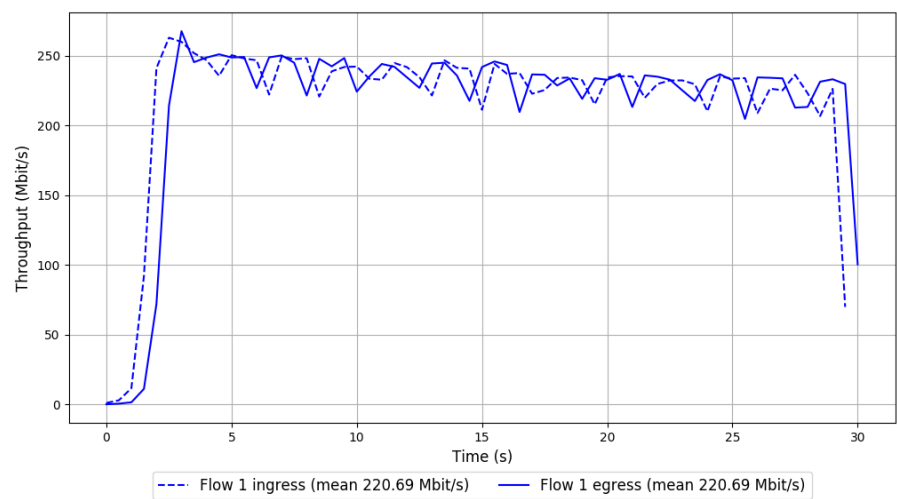


Run 7: Statistics of Indigo

Start at: 2018-07-24 07:54:14
End at: 2018-07-24 07:54:44
Local clock offset: -3.818 ms
Remote clock offset: -7.006 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 220.69 Mbit/s
95th percentile per-packet one-way delay: 111.697 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 220.69 Mbit/s
95th percentile per-packet one-way delay: 111.697 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

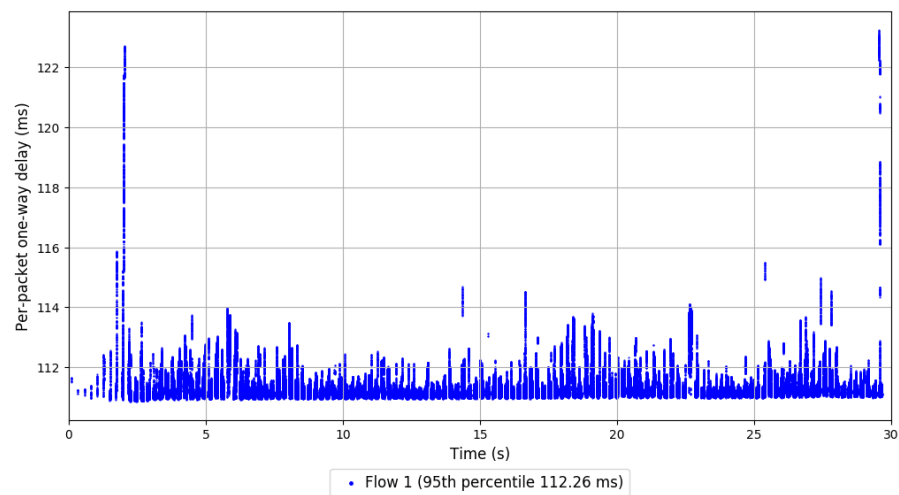
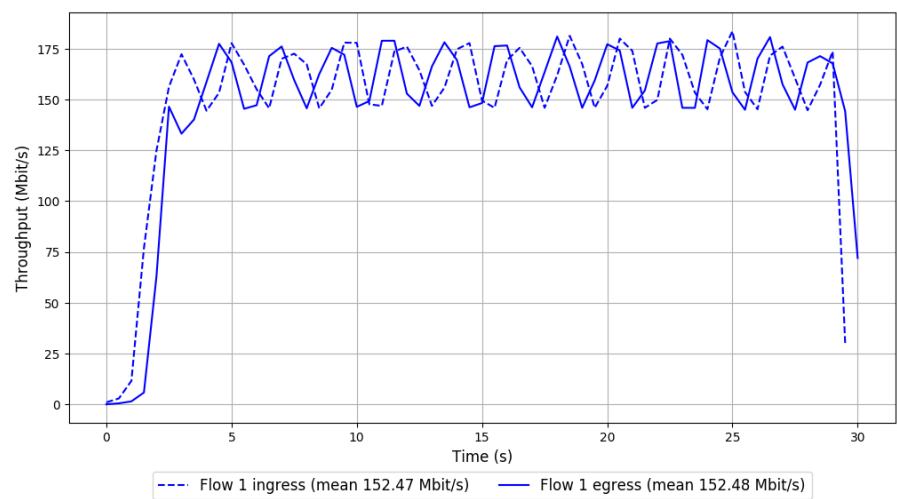


Run 8: Statistics of Indigo

Start at: 2018-07-24 08:16:53
End at: 2018-07-24 08:17:23
Local clock offset: -2.549 ms
Remote clock offset: -2.601 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 152.48 Mbit/s
95th percentile per-packet one-way delay: 112.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 152.48 Mbit/s
95th percentile per-packet one-way delay: 112.260 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-07-24 08:38:45

End at: 2018-07-24 08:39:15

Local clock offset: -2.121 ms

Remote clock offset: -1.64 ms

Below is generated by plot.py at 2018-07-24 10:24:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 150.08 Mbit/s

95th percentile per-packet one-way delay: 112.169 ms

Loss rate: 0.00%

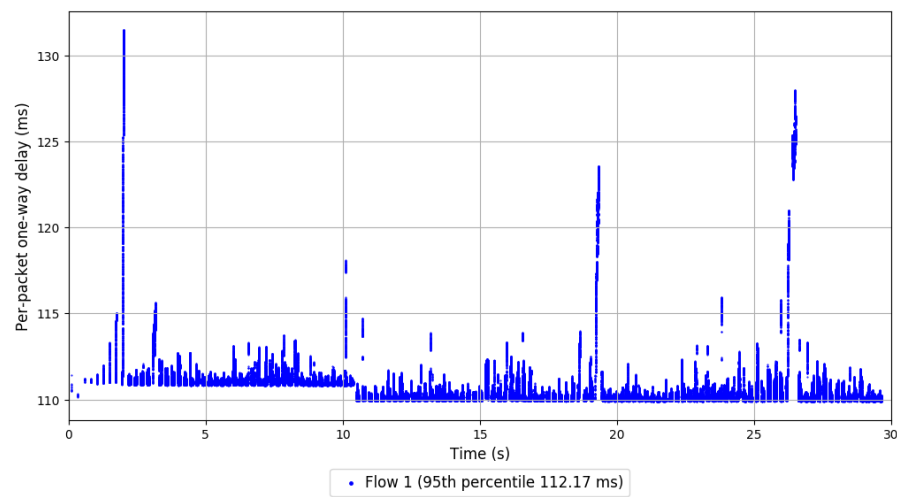
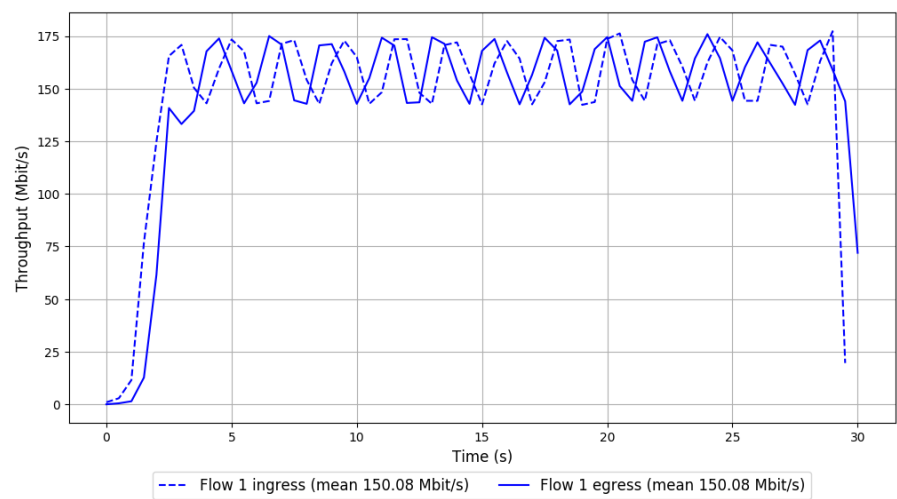
-- Flow 1:

Average throughput: 150.08 Mbit/s

95th percentile per-packet one-way delay: 112.169 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-07-24 09:00:53

End at: 2018-07-24 09:01:23

Local clock offset: -2.138 ms

Remote clock offset: -1.089 ms

Below is generated by plot.py at 2018-07-24 10:24:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 216.99 Mbit/s

95th percentile per-packet one-way delay: 113.338 ms

Loss rate: 0.00%

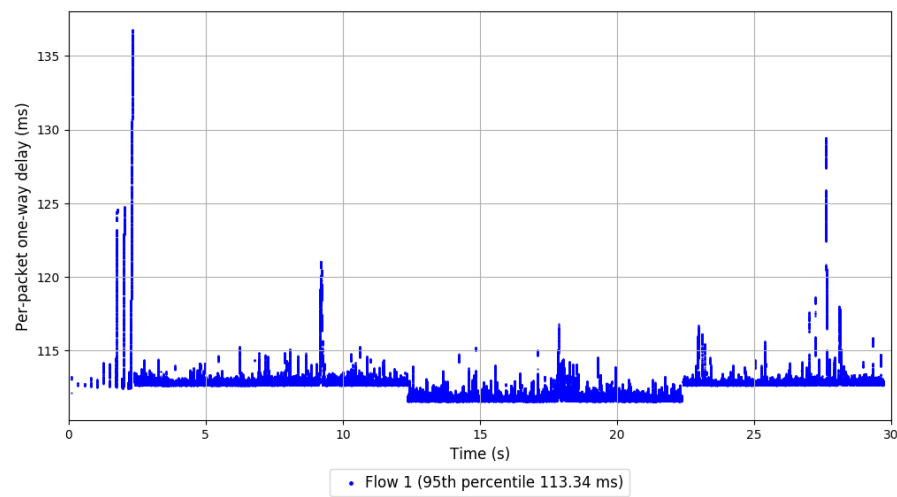
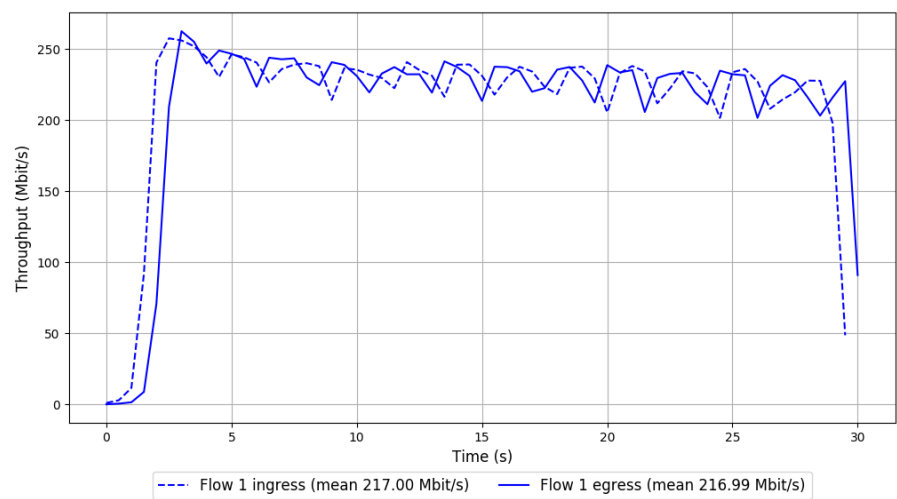
-- Flow 1:

Average throughput: 216.99 Mbit/s

95th percentile per-packet one-way delay: 113.338 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

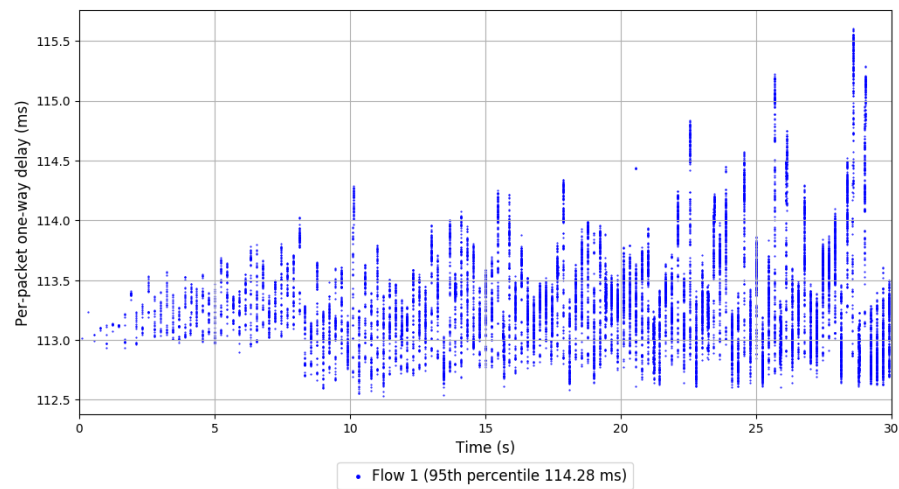
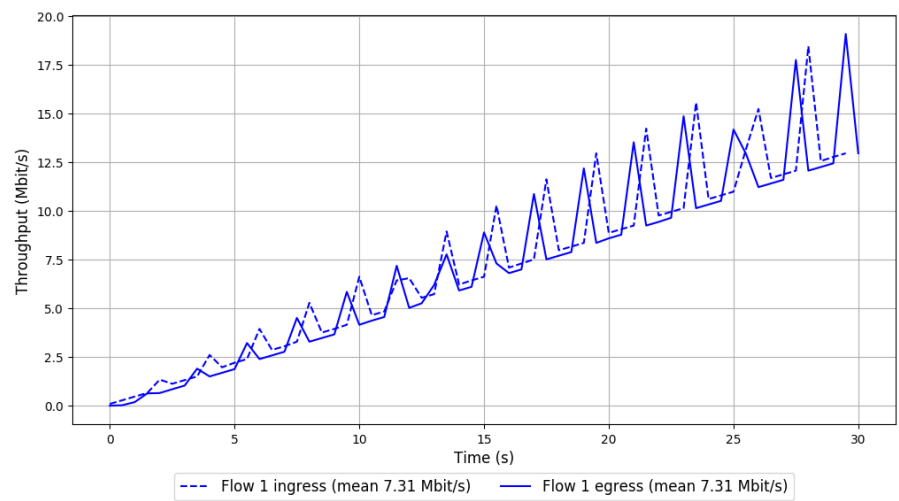


```
Run 1: Statistics of LEDBAT

Start at: 2018-07-24 05:41:48
End at: 2018-07-24 05:42:18
Local clock offset: -22.018 ms
Remote clock offset: -28.917 ms

# Below is generated by plot.py at 2018-07-24 10:24:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 114.276 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 114.276 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

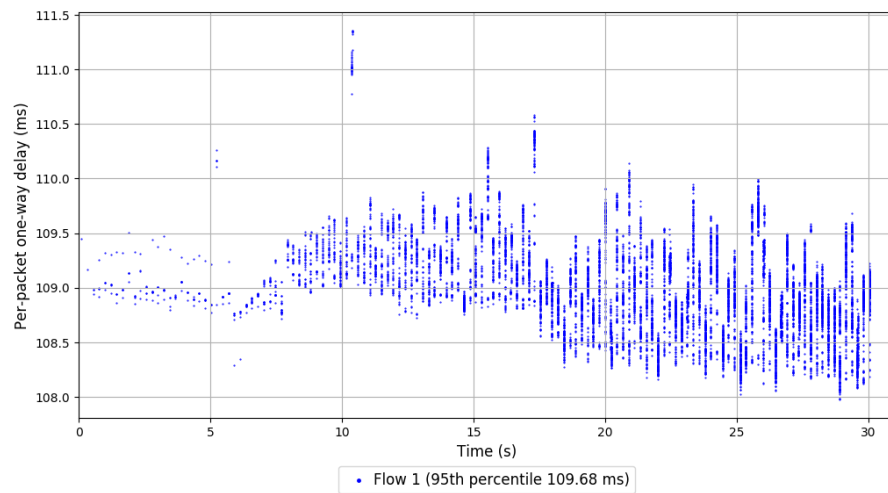
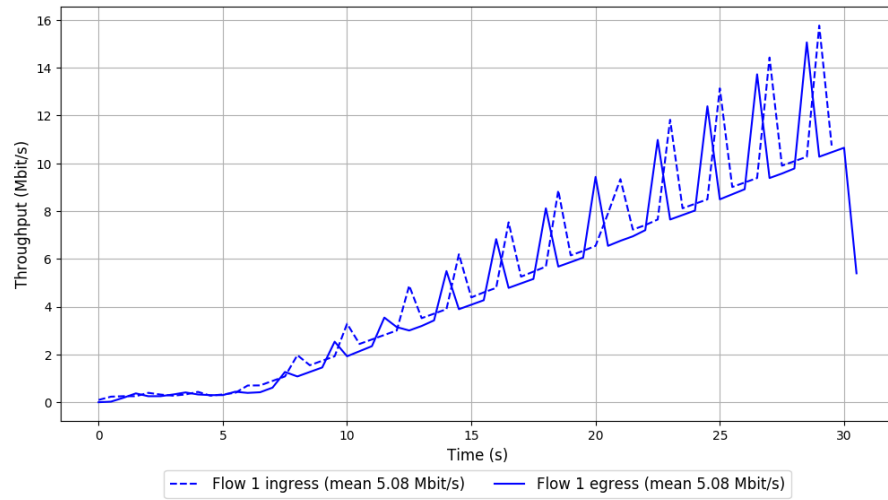


```
Run 2: Statistics of LEDBAT

Start at: 2018-07-24 06:04:08
End at: 2018-07-24 06:04:38
Local clock offset: -40.289 ms
Remote clock offset: -23.548 ms

# Below is generated by plot.py at 2018-07-24 10:24:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.08 Mbit/s
95th percentile per-packet one-way delay: 109.684 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.08 Mbit/s
95th percentile per-packet one-way delay: 109.684 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

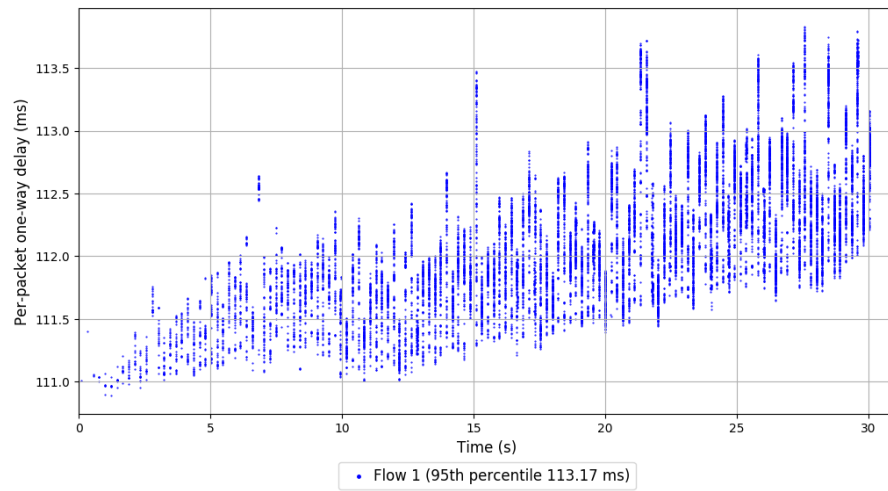
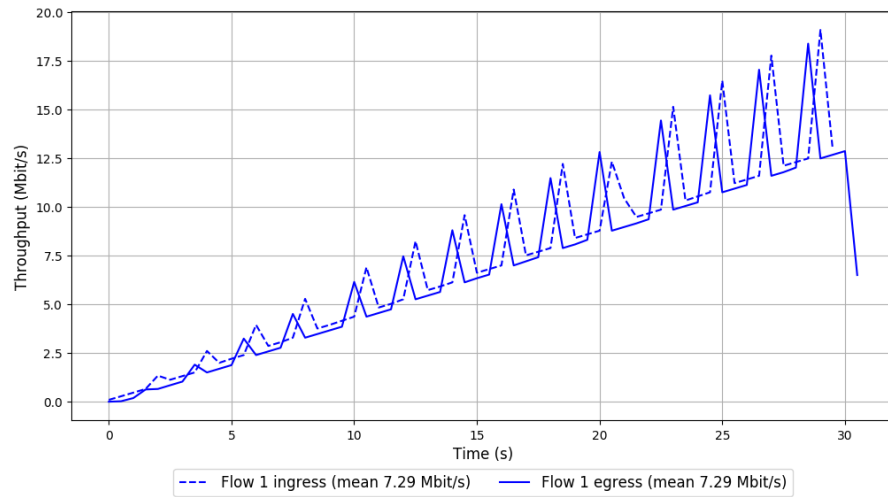


Run 3: Statistics of LEDBAT

Start at: 2018-07-24 06:26:46
End at: 2018-07-24 06:27:16
Local clock offset: -29.559 ms
Remote clock offset: -33.545 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 113.168 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 113.168 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

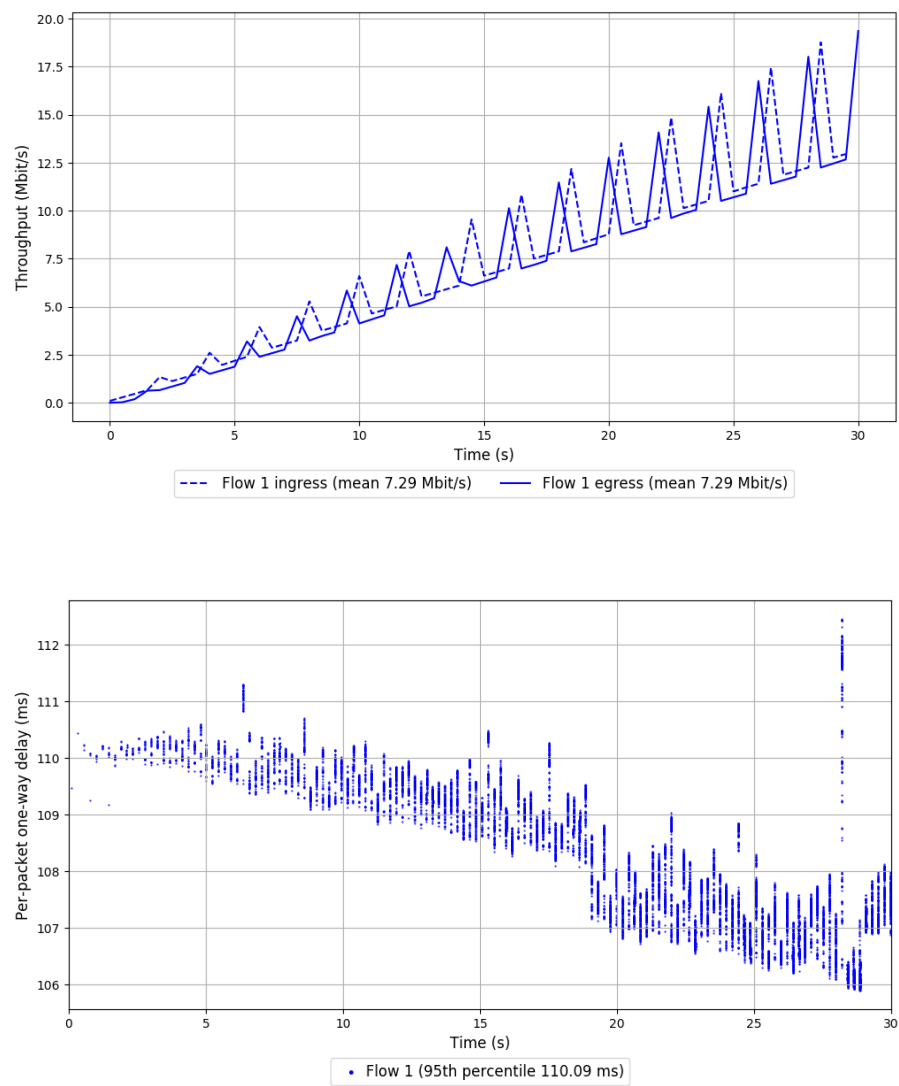


Run 4: Statistics of LEDBAT

Start at: 2018-07-24 06:49:27
End at: 2018-07-24 06:49:57
Local clock offset: -30.421 ms
Remote clock offset: -55.638 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 110.086 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 110.086 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

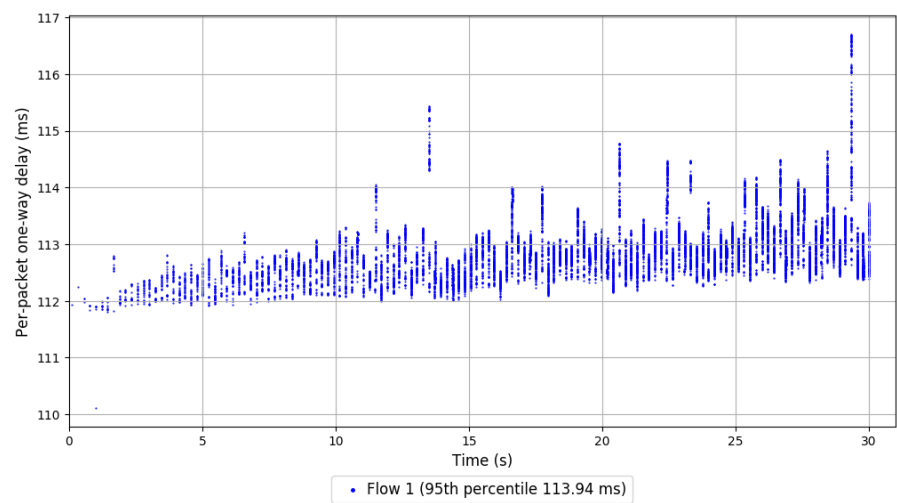
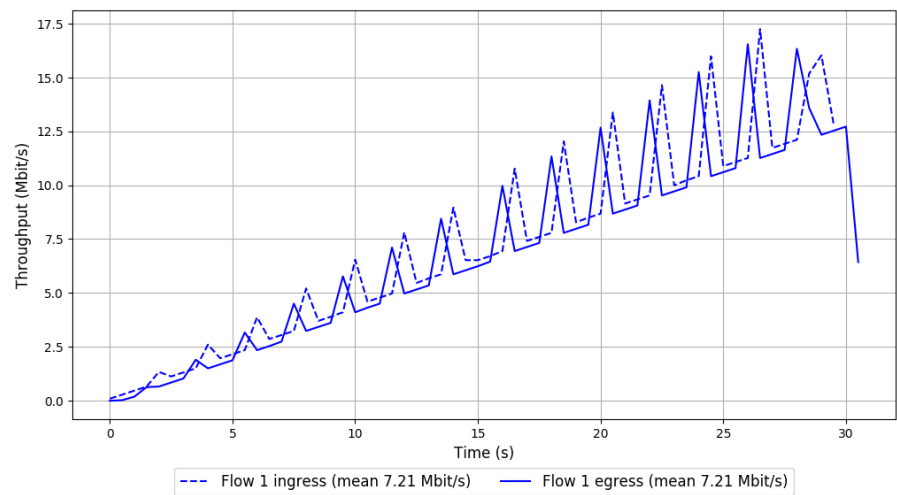


Run 5: Statistics of LEDBAT

Start at: 2018-07-24 07:12:15
End at: 2018-07-24 07:12:45
Local clock offset: -15.386 ms
Remote clock offset: -25.747 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 113.937 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 113.937 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

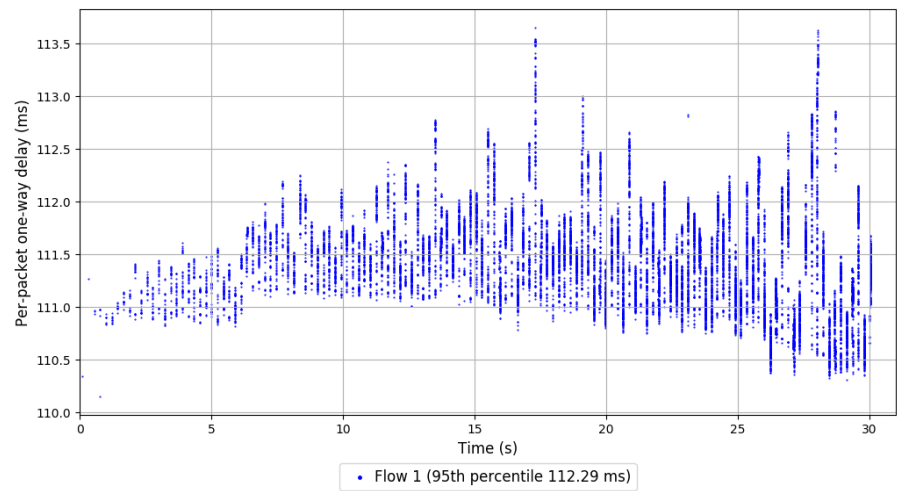
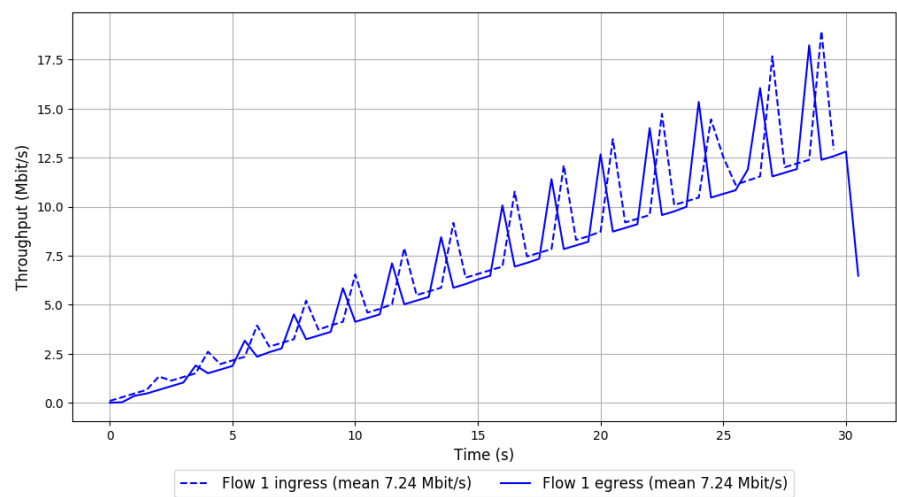


Run 6: Statistics of LEDBAT

Start at: 2018-07-24 07:34:30
End at: 2018-07-24 07:35:00
Local clock offset: -10.809 ms
Remote clock offset: -9.928 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 112.289 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 112.289 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

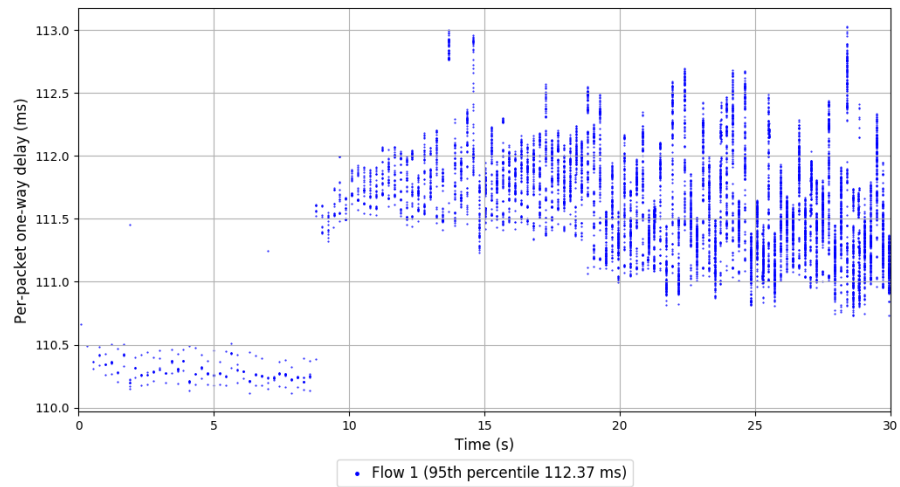
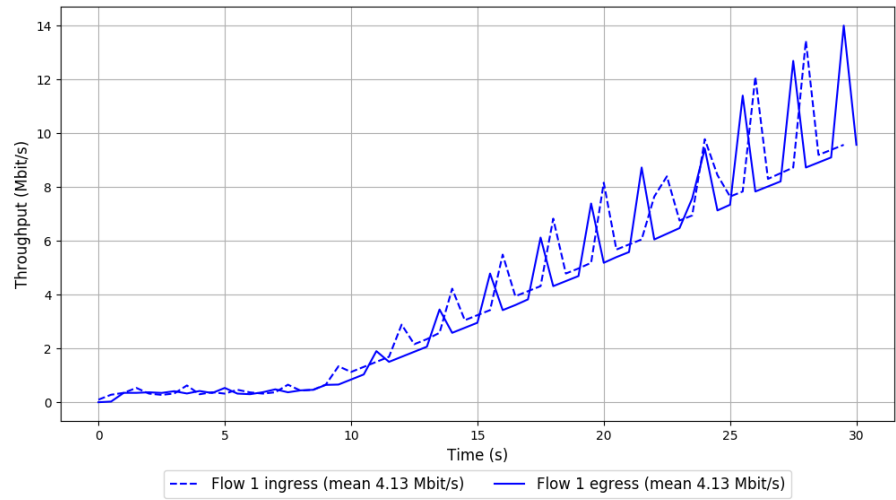


Run 7: Statistics of LEDBAT

Start at: 2018-07-24 07:57:07
End at: 2018-07-24 07:57:37
Local clock offset: -3.937 ms
Remote clock offset: -6.713 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 112.367 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 112.367 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

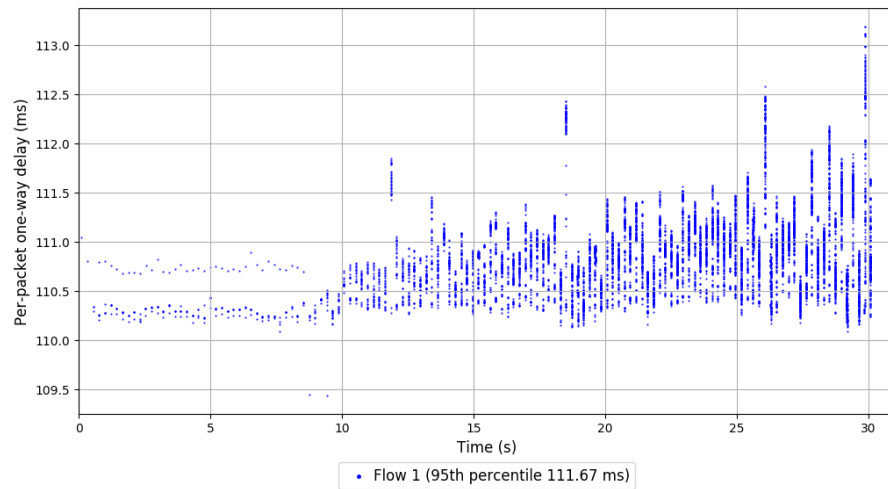
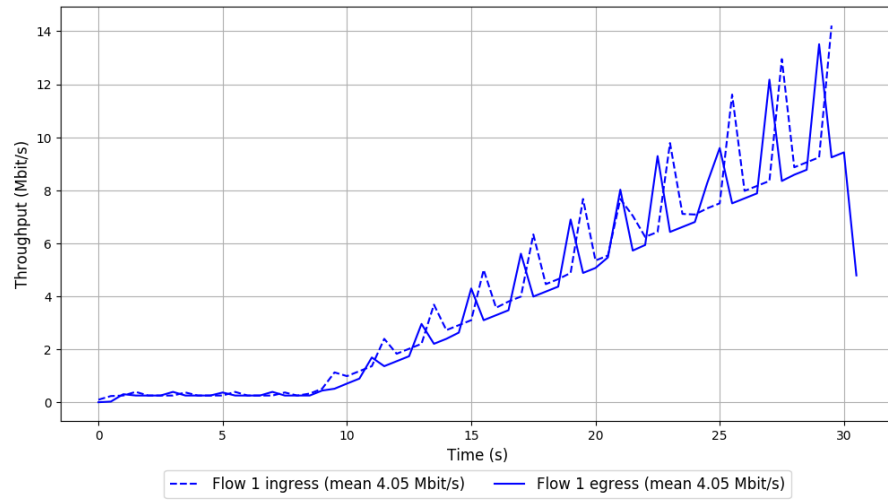


Run 8: Statistics of LEDBAT

Start at: 2018-07-24 08:19:37
End at: 2018-07-24 08:20:07
Local clock offset: -0.989 ms
Remote clock offset: -2.307 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 111.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 111.667 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

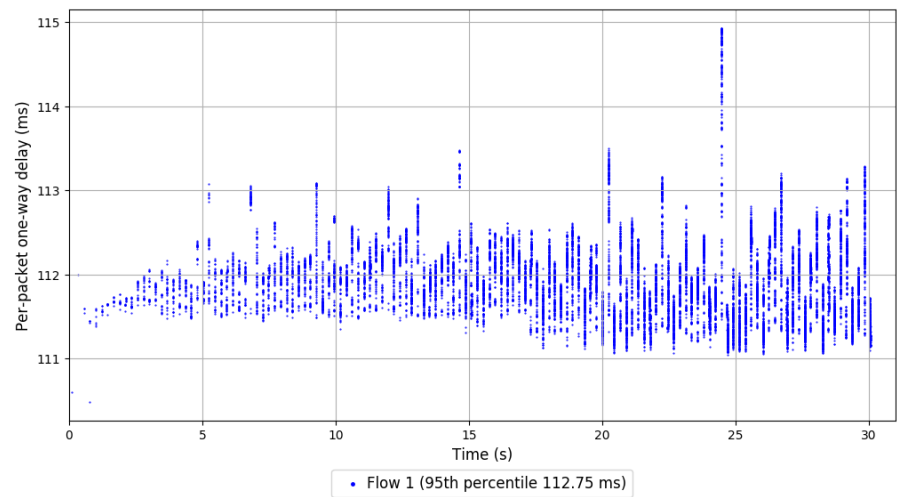
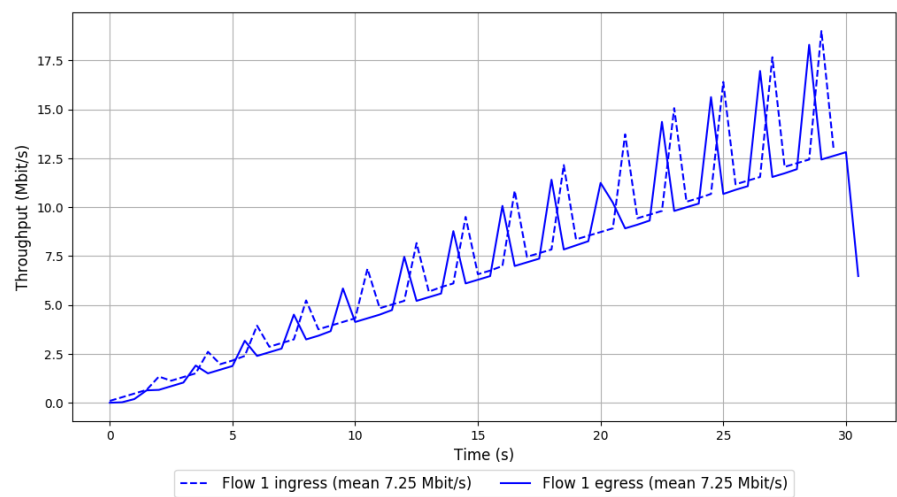


Run 9: Statistics of LEDBAT

Start at: 2018-07-24 08:41:29
End at: 2018-07-24 08:41:59
Local clock offset: -2.144 ms
Remote clock offset: -1.058 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.25 Mbit/s
95th percentile per-packet one-way delay: 112.747 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.25 Mbit/s
95th percentile per-packet one-way delay: 112.747 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

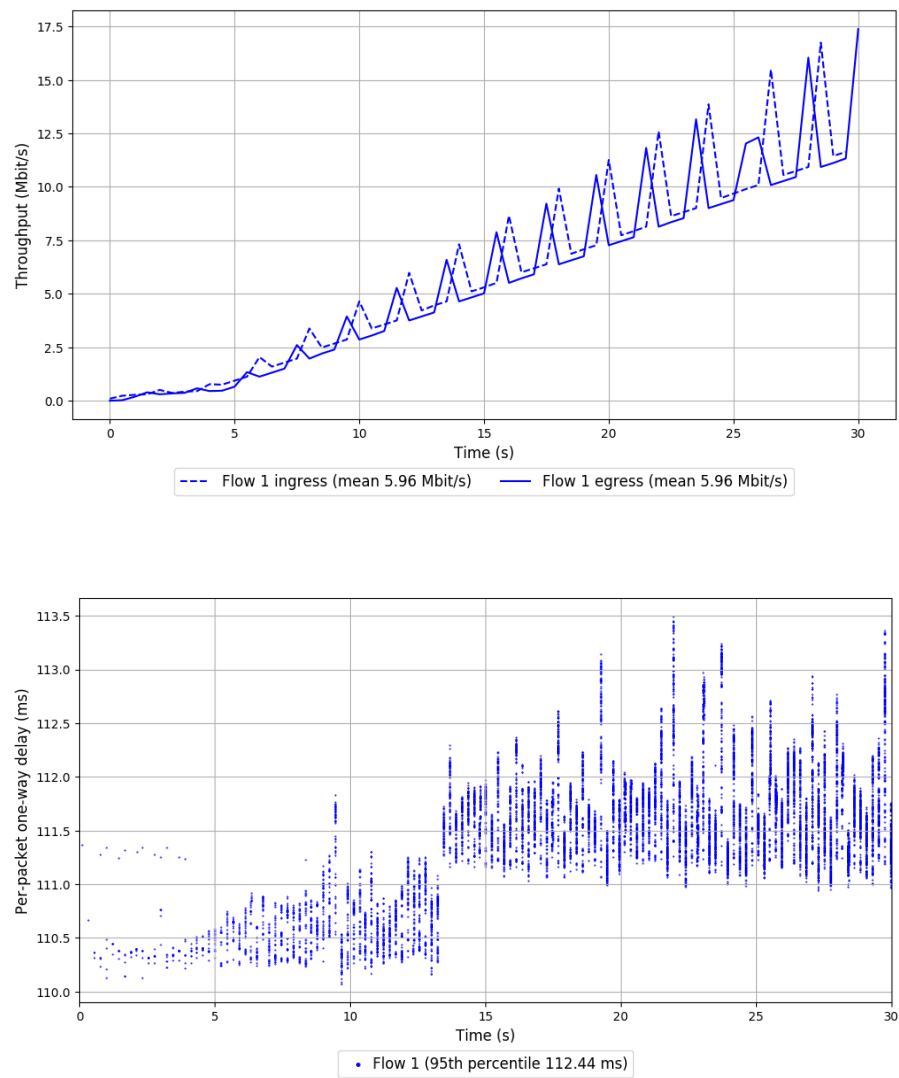


Run 10: Statistics of LEDBAT

Start at: 2018-07-24 09:03:43
End at: 2018-07-24 09:04:13
Local clock offset: -1.383 ms
Remote clock offset: -1.912 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.96 Mbit/s
95th percentile per-packet one-way delay: 112.442 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.96 Mbit/s
95th percentile per-packet one-way delay: 112.442 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

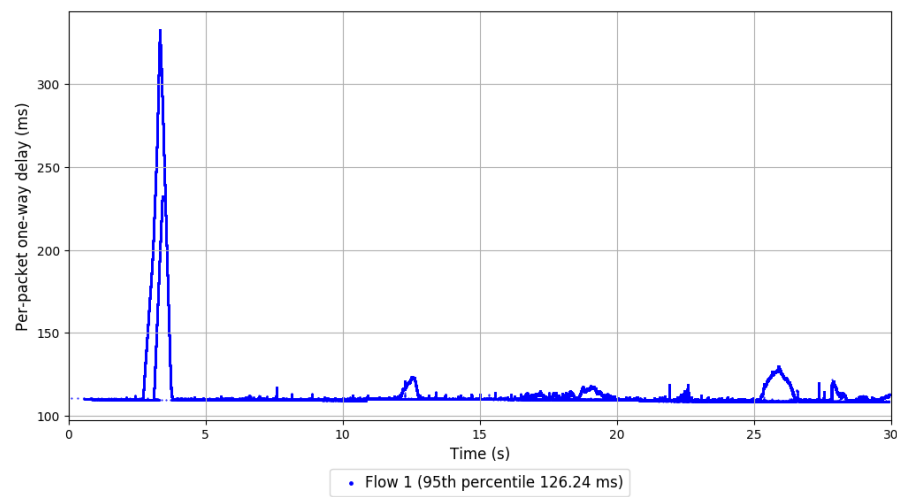
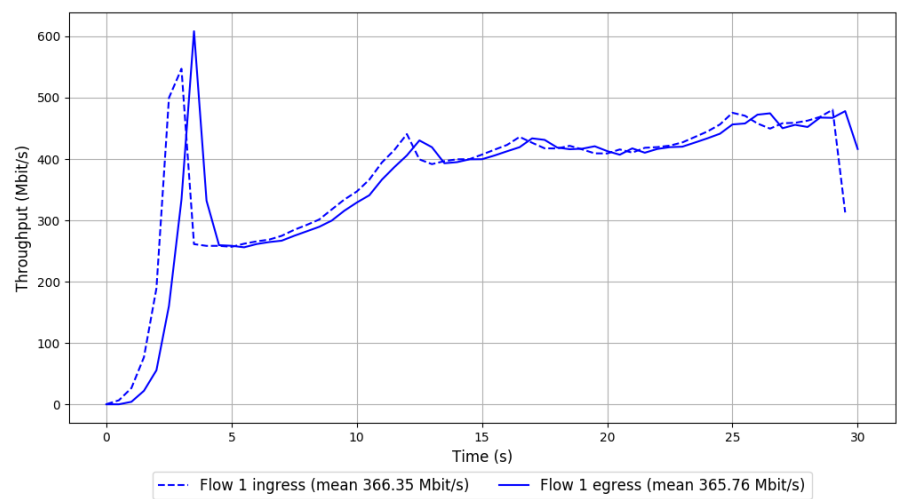


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-07-24 05:59:55
End at: 2018-07-24 06:00:25
Local clock offset: -31.993 ms
Remote clock offset: -22.322 ms

# Below is generated by plot.py at 2018-07-24 10:24:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 365.76 Mbit/s
95th percentile per-packet one-way delay: 126.241 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 365.76 Mbit/s
95th percentile per-packet one-way delay: 126.241 ms
Loss rate: 0.16%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-24 06:22:29

End at: 2018-07-24 06:22:59

Local clock offset: -24.682 ms

Remote clock offset: -31.429 ms

Below is generated by plot.py at 2018-07-24 10:24:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 364.41 Mbit/s

95th percentile per-packet one-way delay: 184.519 ms

Loss rate: 0.41%

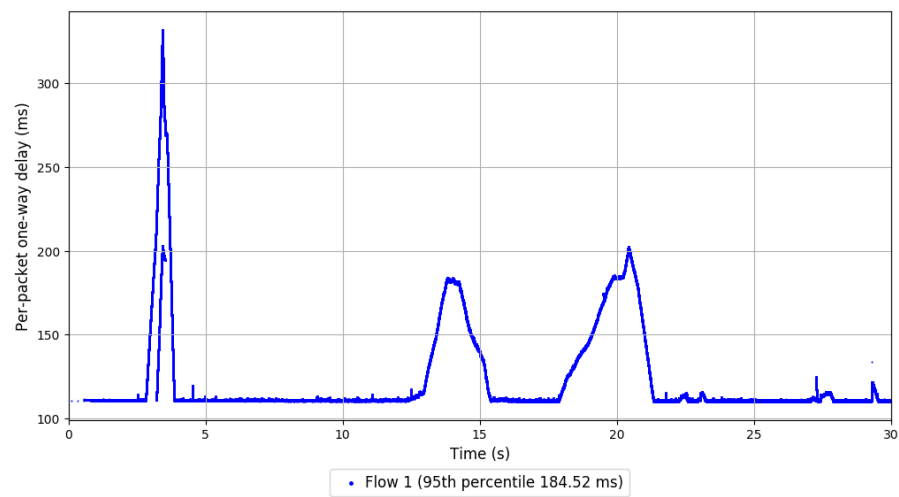
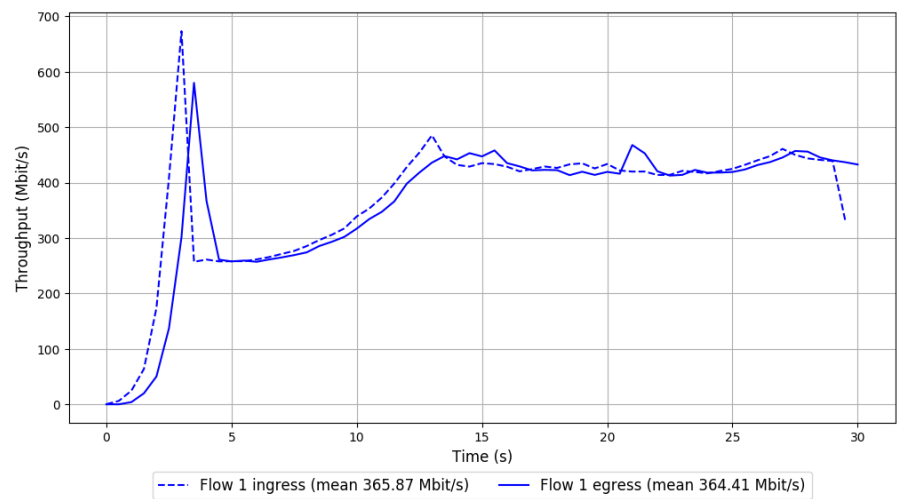
-- Flow 1:

Average throughput: 364.41 Mbit/s

95th percentile per-packet one-way delay: 184.519 ms

Loss rate: 0.41%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-07-24 06:45:19

End at: 2018-07-24 06:45:49

Local clock offset: -25.776 ms

Remote clock offset: -59.358 ms

Below is generated by plot.py at 2018-07-24 10:24:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 355.91 Mbit/s

95th percentile per-packet one-way delay: 172.704 ms

Loss rate: 0.47%

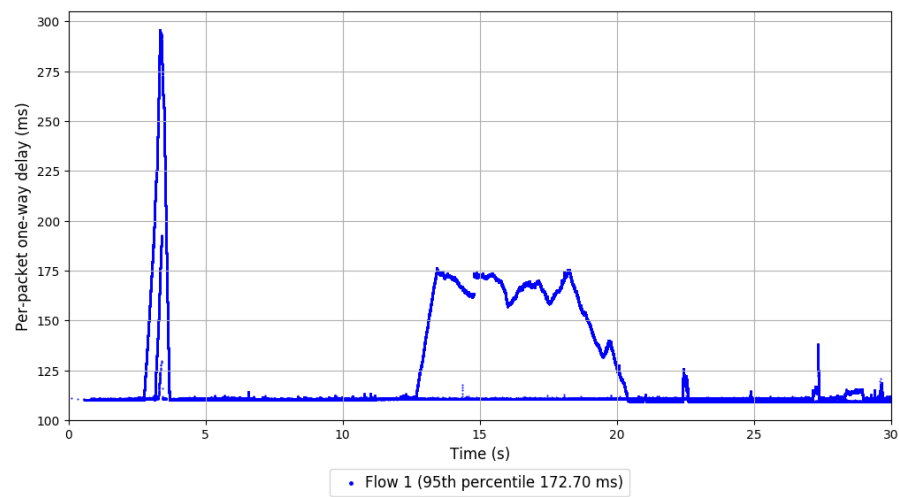
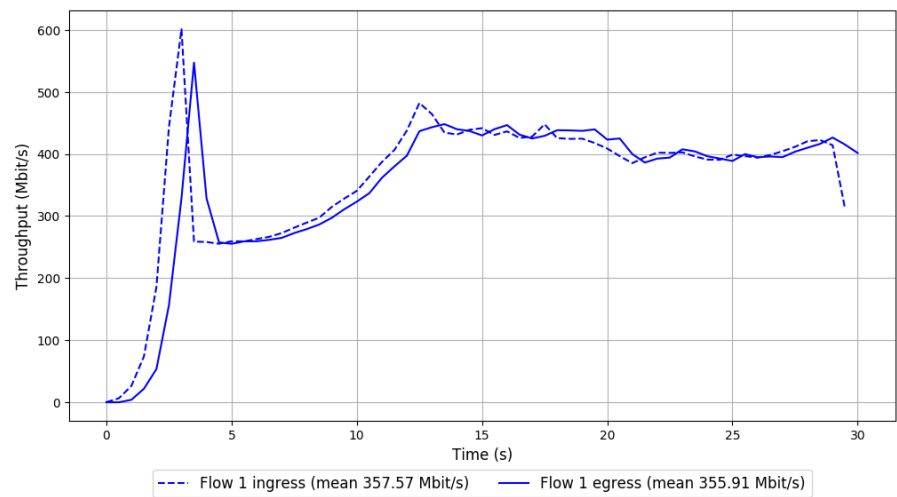
-- Flow 1:

Average throughput: 355.91 Mbit/s

95th percentile per-packet one-way delay: 172.704 ms

Loss rate: 0.47%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

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

End at: 2018-07-24 07:08:31

Local clock offset: -20.608 ms

Remote clock offset: -24.346 ms

Below is generated by plot.py at 2018-07-24 10:24:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 372.95 Mbit/s

95th percentile per-packet one-way delay: 160.117 ms

Loss rate: 0.14%

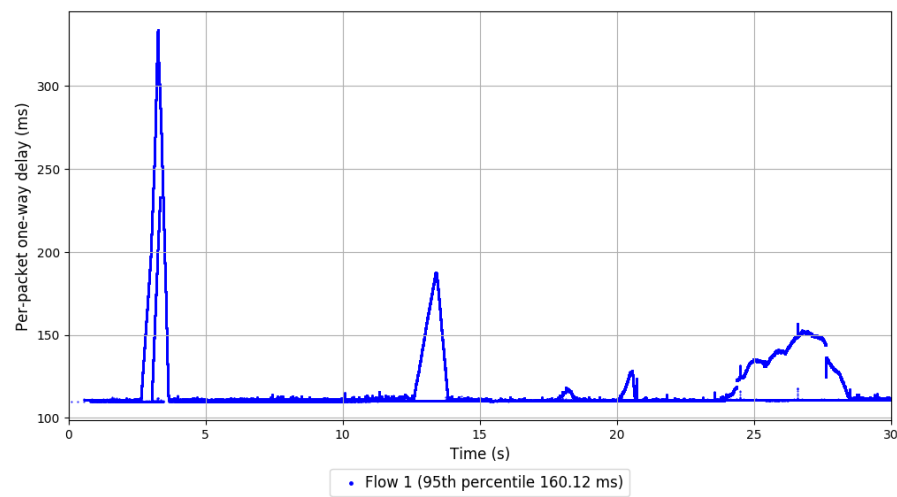
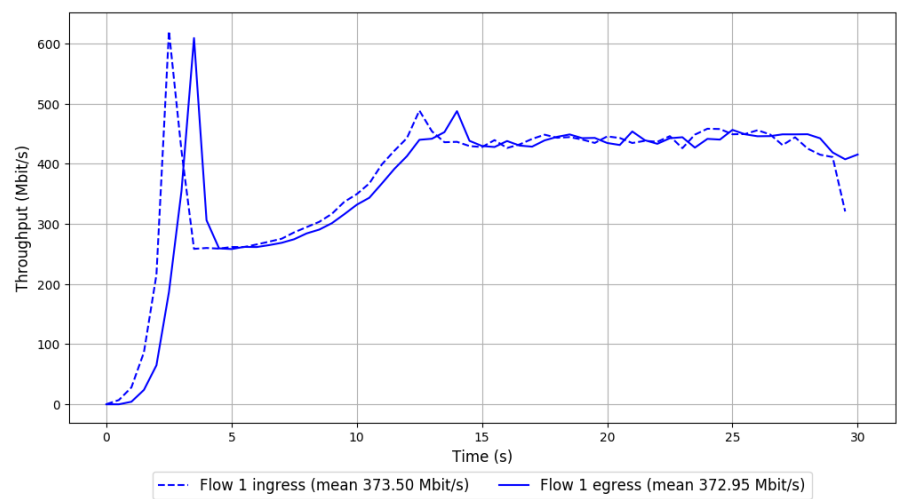
-- Flow 1:

Average throughput: 372.95 Mbit/s

95th percentile per-packet one-way delay: 160.117 ms

Loss rate: 0.14%

Run 4: Report of PCC-Allegro — Data Link

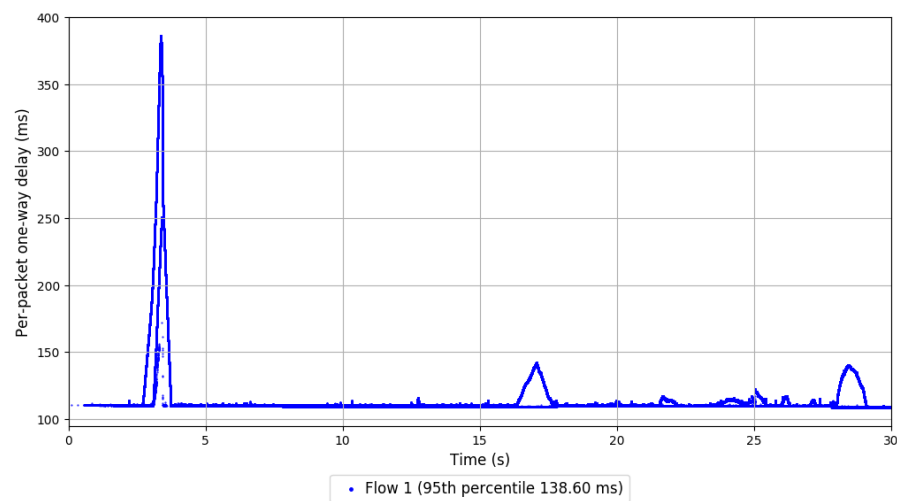
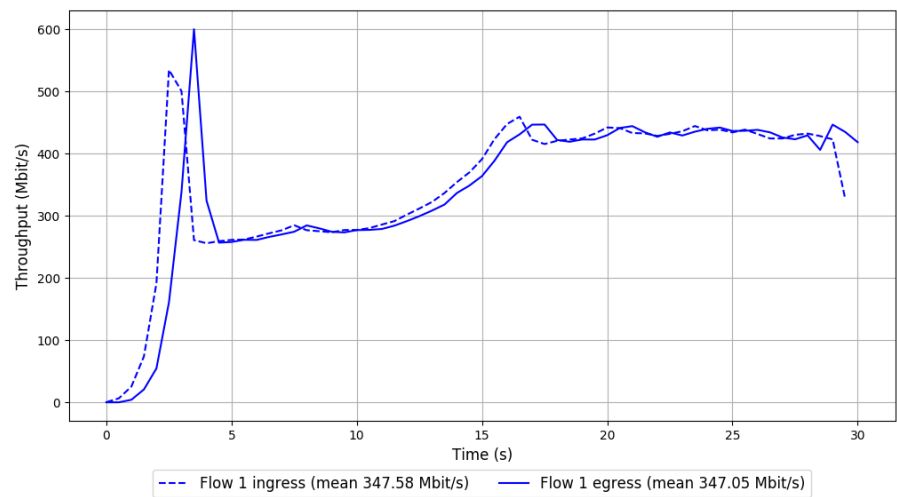


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-24 07:30:08
End at: 2018-07-24 07:30:38
Local clock offset: -10.593 ms
Remote clock offset: -15.086 ms

Below is generated by plot.py at 2018-07-24 10:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 347.05 Mbit/s
95th percentile per-packet one-way delay: 138.596 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 347.05 Mbit/s
95th percentile per-packet one-way delay: 138.596 ms
Loss rate: 0.16%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-24 07:52:52

End at: 2018-07-24 07:53:22

Local clock offset: -3.486 ms

Remote clock offset: -6.851 ms

Below is generated by plot.py at 2018-07-24 10:24:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 369.81 Mbit/s

95th percentile per-packet one-way delay: 269.124 ms

Loss rate: 0.82%

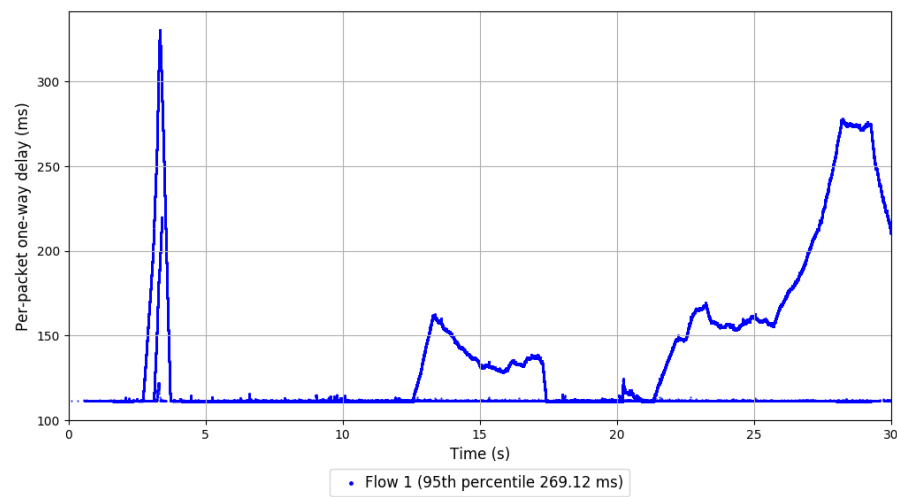
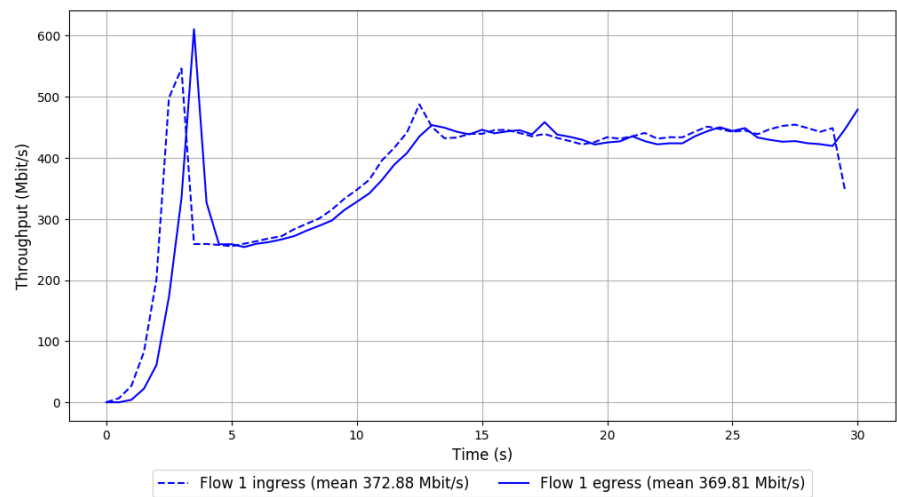
-- Flow 1:

Average throughput: 369.81 Mbit/s

95th percentile per-packet one-way delay: 269.124 ms

Loss rate: 0.82%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-07-24 08:15:31

End at: 2018-07-24 08:16:01

Local clock offset: -2.694 ms

Remote clock offset: -2.58 ms

Below is generated by plot.py at 2018-07-24 10:25:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 355.08 Mbit/s

95th percentile per-packet one-way delay: 261.764 ms

Loss rate: 0.64%

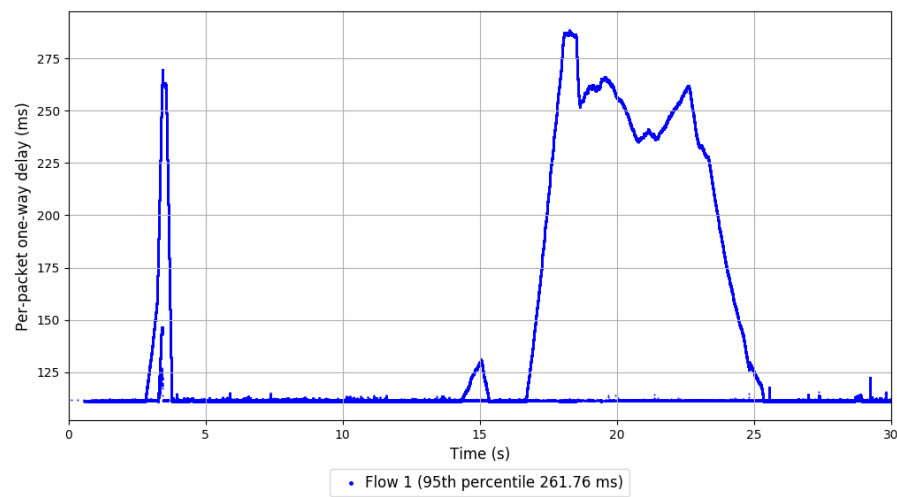
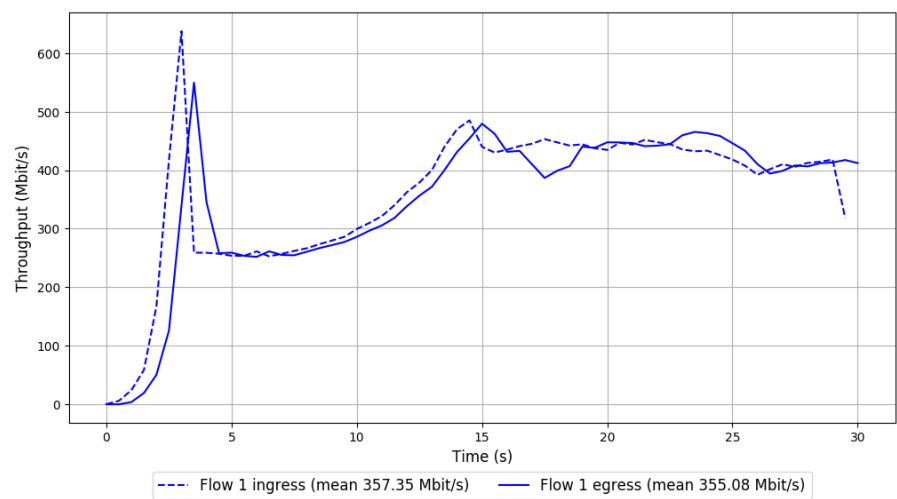
-- Flow 1:

Average throughput: 355.08 Mbit/s

95th percentile per-packet one-way delay: 261.764 ms

Loss rate: 0.64%

Run 7: Report of PCC-Allegro — Data Link

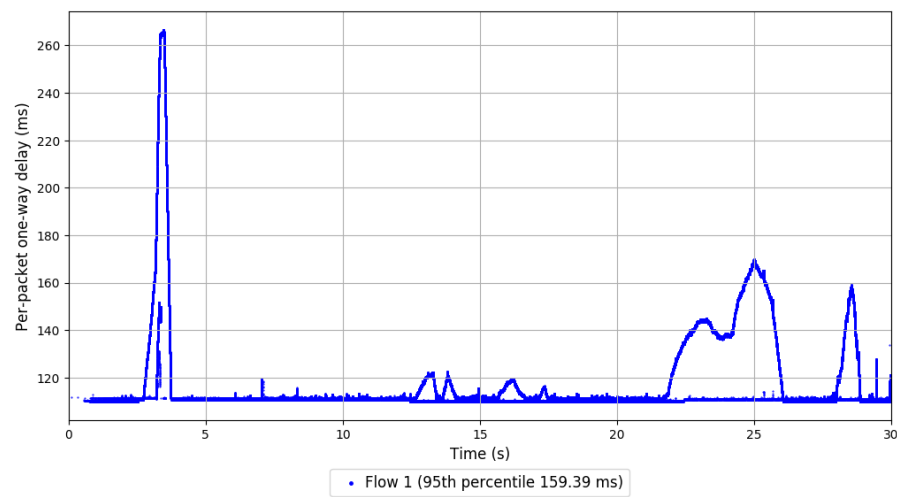
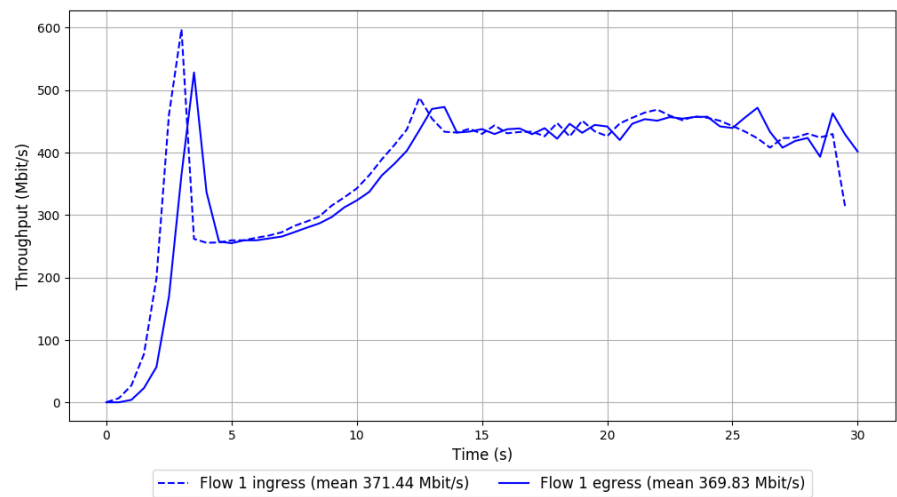


Run 8: Statistics of PCC-Allegro

Start at: 2018-07-24 08:37:23
End at: 2018-07-24 08:37:53
Local clock offset: -2.014 ms
Remote clock offset: -1.819 ms

Below is generated by plot.py at 2018-07-24 10:26:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 369.83 Mbit/s
95th percentile per-packet one-way delay: 159.389 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 369.83 Mbit/s
95th percentile per-packet one-way delay: 159.389 ms
Loss rate: 0.43%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-07-24 08:59:32

End at: 2018-07-24 09:00:02

Local clock offset: -0.861 ms

Remote clock offset: -1.396 ms

Below is generated by plot.py at 2018-07-24 10:26:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 366.62 Mbit/s

95th percentile per-packet one-way delay: 256.124 ms

Loss rate: 0.99%

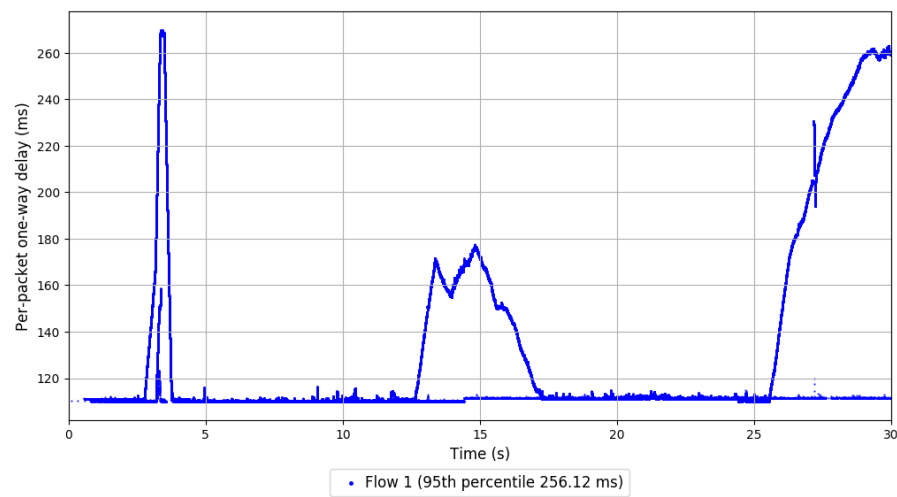
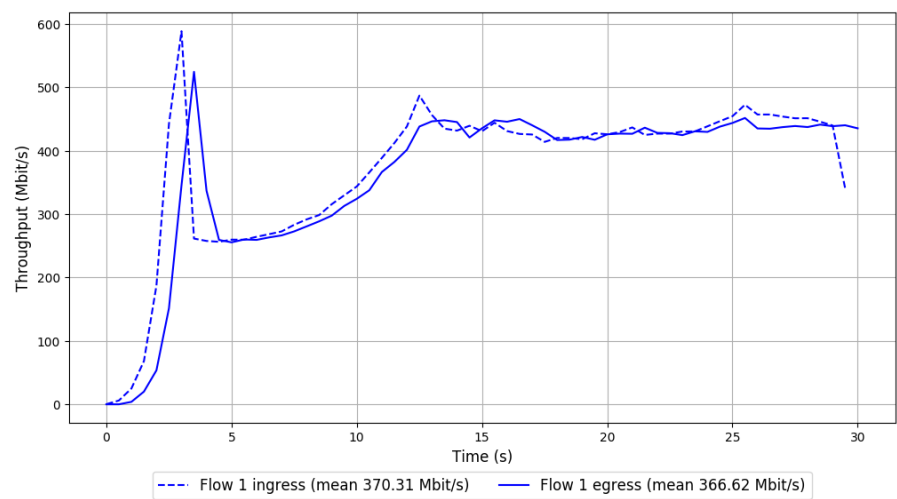
-- Flow 1:

Average throughput: 366.62 Mbit/s

95th percentile per-packet one-way delay: 256.124 ms

Loss rate: 0.99%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-07-24 09:21:54

End at: 2018-07-24 09:22:24

Local clock offset: -0.87 ms

Remote clock offset: -0.65 ms

Below is generated by plot.py at 2018-07-24 10:26:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 365.42 Mbit/s

95th percentile per-packet one-way delay: 275.472 ms

Loss rate: 2.11%

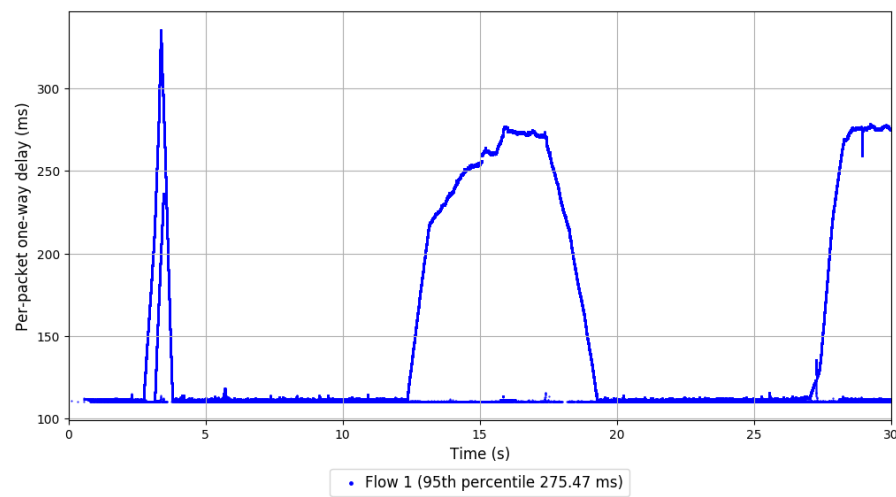
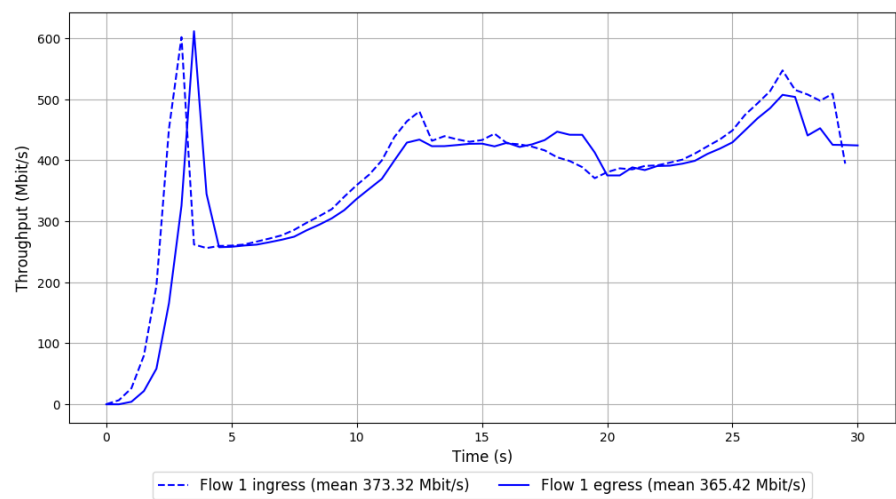
-- Flow 1:

Average throughput: 365.42 Mbit/s

95th percentile per-packet one-way delay: 275.472 ms

Loss rate: 2.11%

Run 10: Report of PCC-Allegro — Data Link

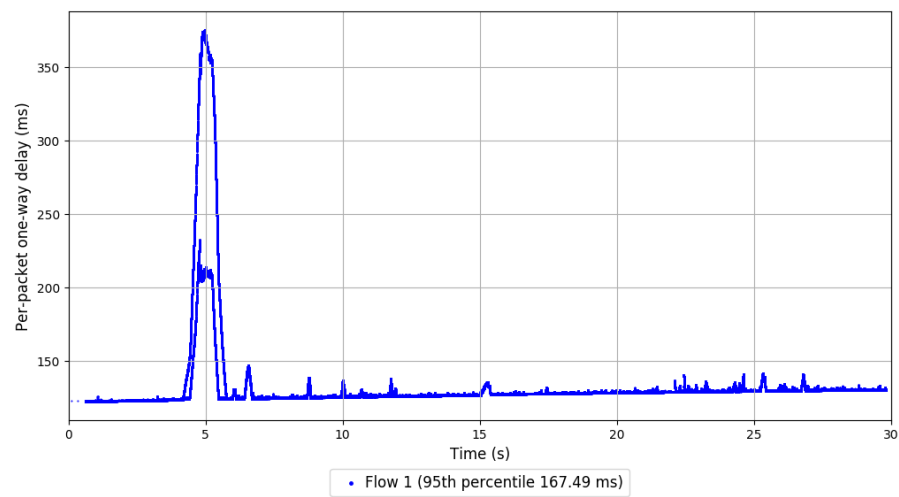
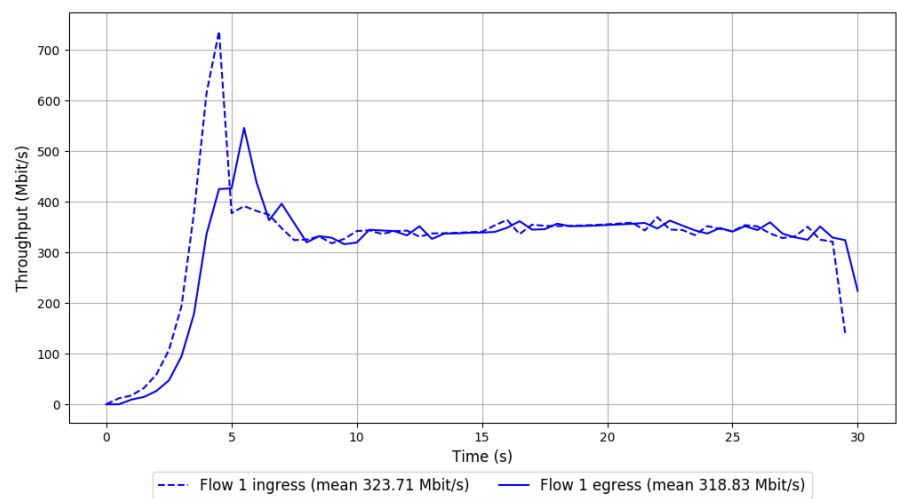


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-24 05:40:10
End at: 2018-07-24 05:40:40
Local clock offset: -51.964 ms
Remote clock offset: -35.512 ms

# Below is generated by plot.py at 2018-07-24 10:30:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 318.83 Mbit/s
95th percentile per-packet one-way delay: 167.494 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 318.83 Mbit/s
95th percentile per-packet one-way delay: 167.494 ms
Loss rate: 1.48%
```

Run 1: Report of PCC-Expr — Data Link

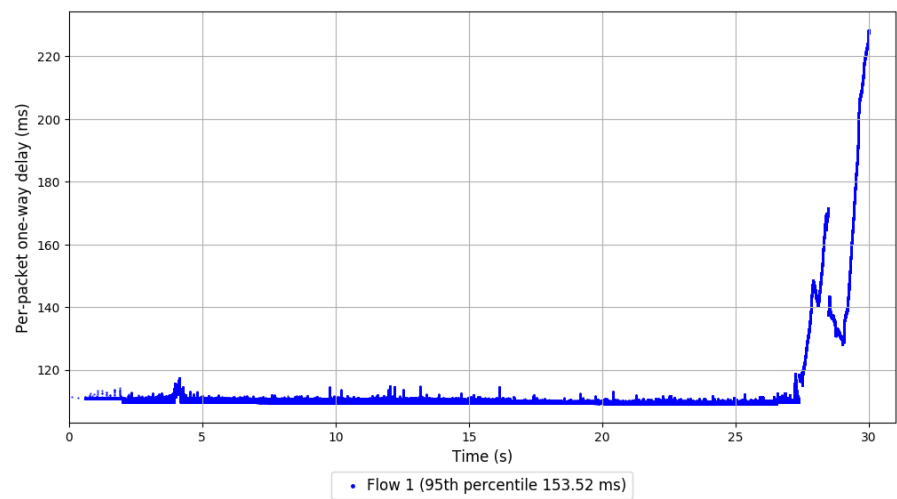
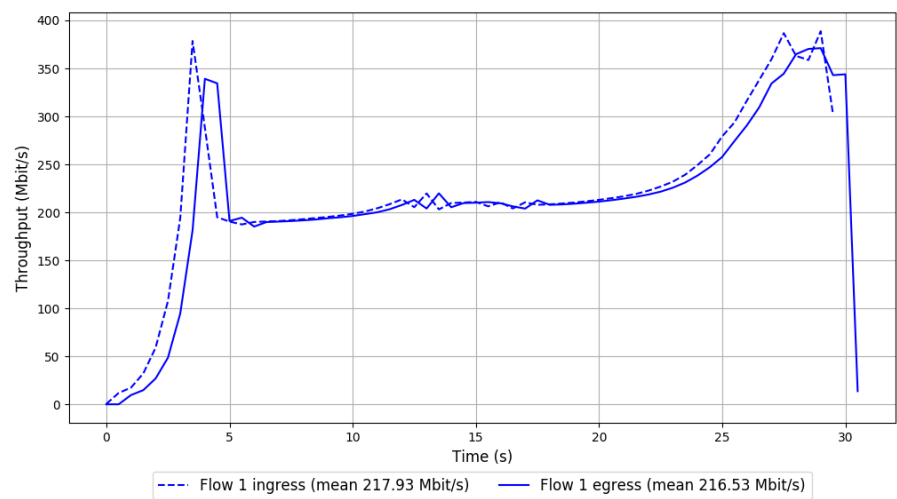


Run 2: Statistics of PCC-Expr

Start at: 2018-07-24 06:02:39
End at: 2018-07-24 06:03:09
Local clock offset: -37.81 ms
Remote clock offset: -21.899 ms

Below is generated by plot.py at 2018-07-24 10:30:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 216.53 Mbit/s
95th percentile per-packet one-way delay: 153.523 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 216.53 Mbit/s
95th percentile per-packet one-way delay: 153.523 ms
Loss rate: 0.64%

Run 2: Report of PCC-Expr — Data Link

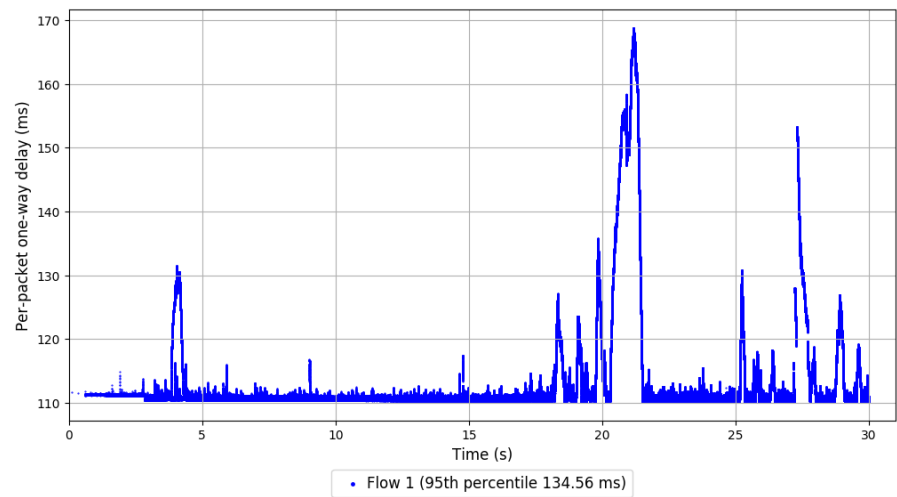
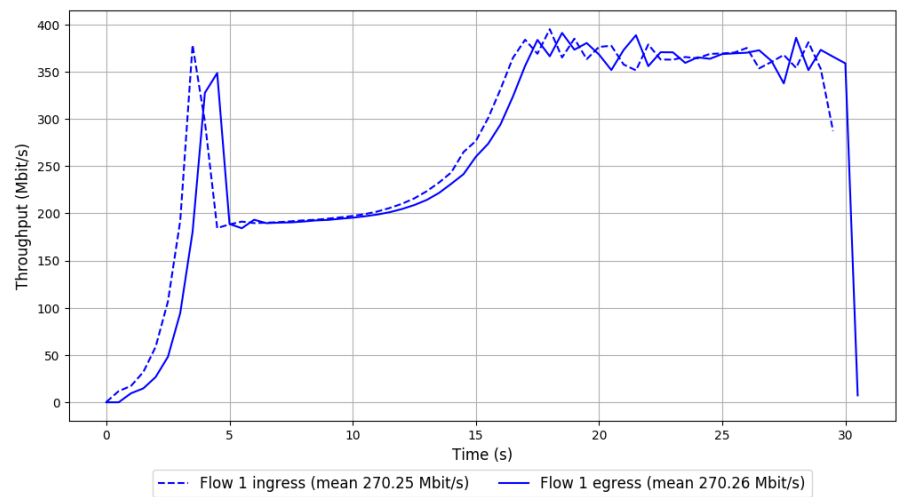


Run 3: Statistics of PCC-Expr

Start at: 2018-07-24 06:25:13
End at: 2018-07-24 06:25:43
Local clock offset: -27.885 ms
Remote clock offset: -32.26 ms

Below is generated by plot.py at 2018-07-24 10:30:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 270.26 Mbit/s
95th percentile per-packet one-way delay: 134.562 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 270.26 Mbit/s
95th percentile per-packet one-way delay: 134.562 ms
Loss rate: 0.00%

Run 3: Report of PCC-Expr — Data Link

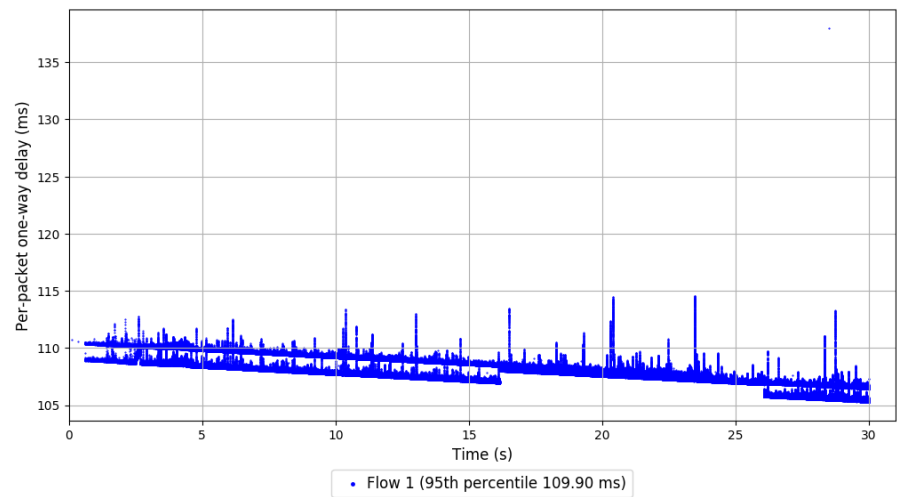
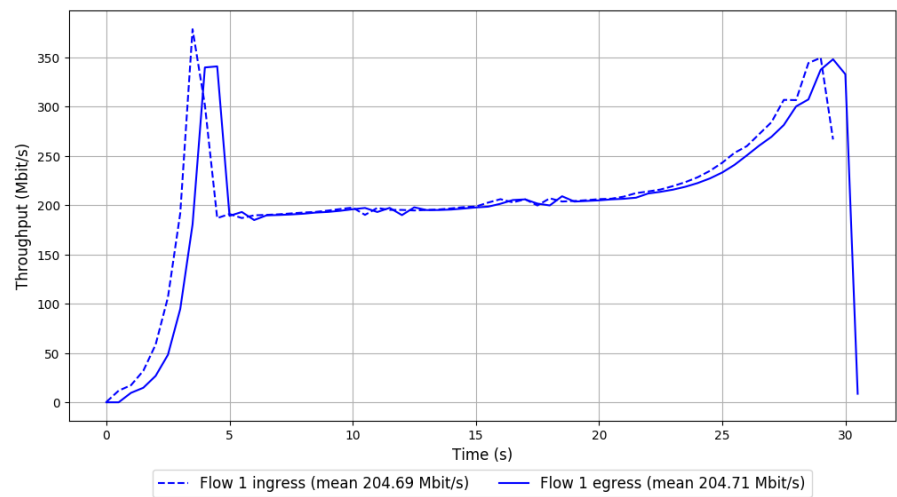


Run 4: Statistics of PCC-Expr

Start at: 2018-07-24 06:48:00
End at: 2018-07-24 06:48:30
Local clock offset: -29.175 ms
Remote clock offset: -64.432 ms

Below is generated by plot.py at 2018-07-24 10:30:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 204.71 Mbit/s
95th percentile per-packet one-way delay: 109.902 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 204.71 Mbit/s
95th percentile per-packet one-way delay: 109.902 ms
Loss rate: 0.00%

Run 4: Report of PCC-Expr — Data Link

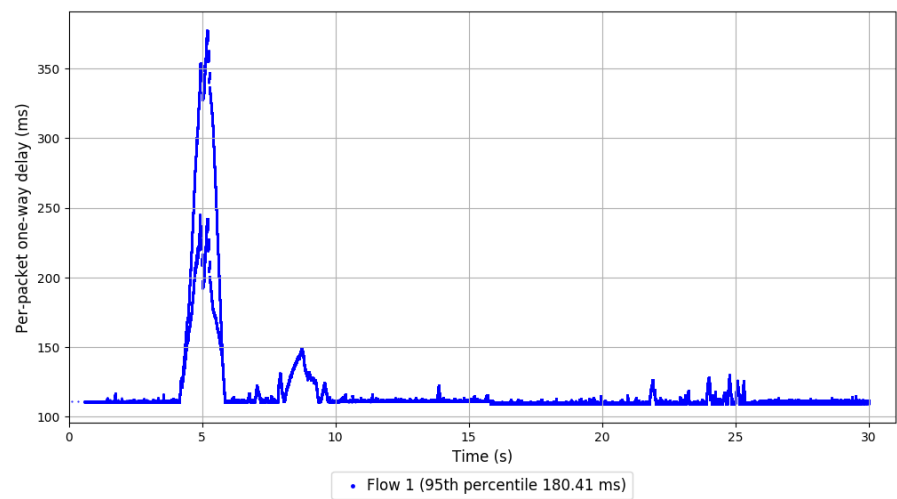
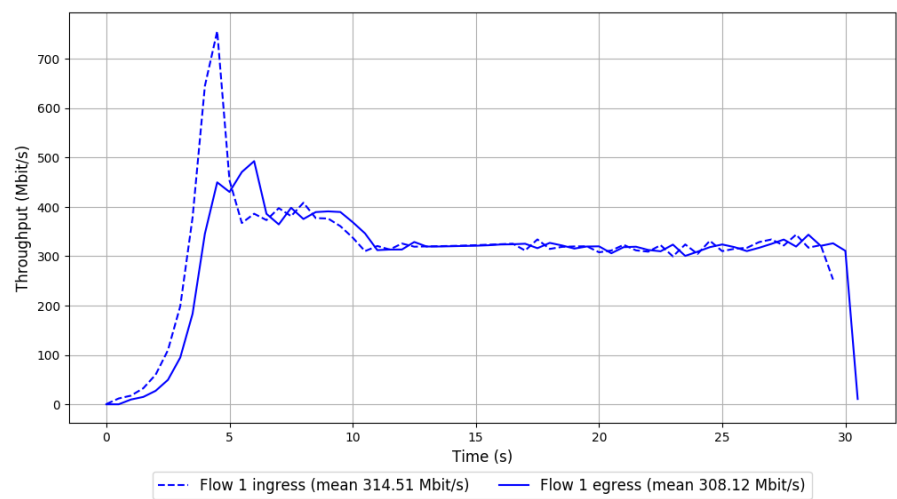


Run 5: Statistics of PCC-Expr

Start at: 2018-07-24 07:10:40
End at: 2018-07-24 07:11:10
Local clock offset: -16.268 ms
Remote clock offset: -25.488 ms

Below is generated by plot.py at 2018-07-24 10:35:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 308.12 Mbit/s
95th percentile per-packet one-way delay: 180.409 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 308.12 Mbit/s
95th percentile per-packet one-way delay: 180.409 ms
Loss rate: 2.03%

Run 5: Report of PCC-Expr — Data Link

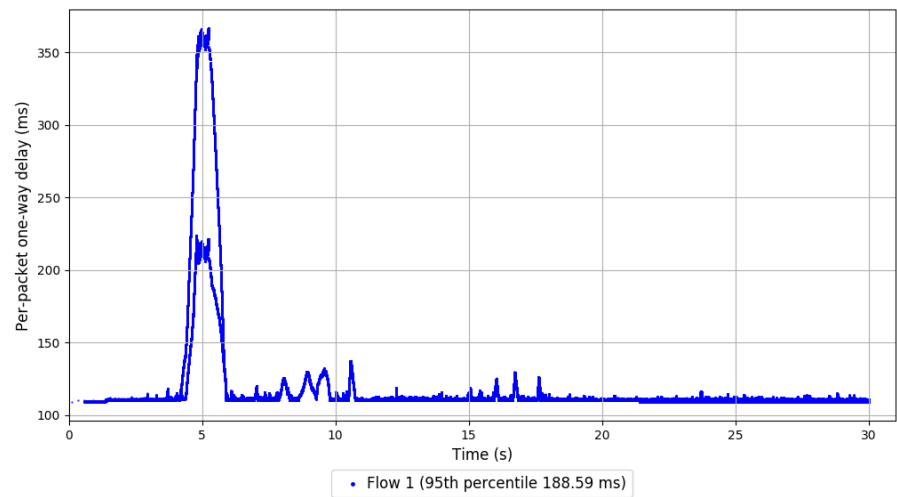
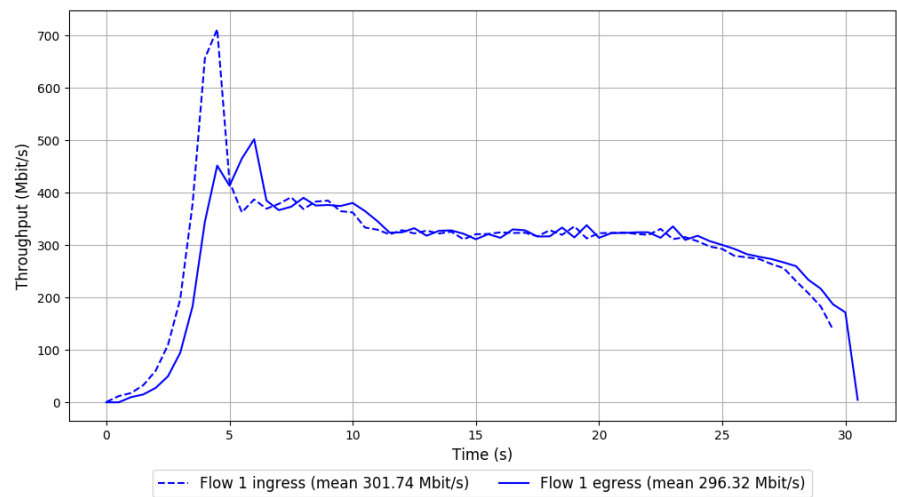


Run 6: Statistics of PCC-Expr

Start at: 2018-07-24 07:32:55
End at: 2018-07-24 07:33:25
Local clock offset: -10.584 ms
Remote clock offset: -11.557 ms

Below is generated by plot.py at 2018-07-24 10:35:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 296.32 Mbit/s
95th percentile per-packet one-way delay: 188.590 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 296.32 Mbit/s
95th percentile per-packet one-way delay: 188.590 ms
Loss rate: 1.79%

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-07-24 07:55:37

End at: 2018-07-24 07:56:07

Local clock offset: -3.953 ms

Remote clock offset: -7.84 ms

Below is generated by plot.py at 2018-07-24 10:35:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 273.54 Mbit/s

95th percentile per-packet one-way delay: 212.317 ms

Loss rate: 0.49%

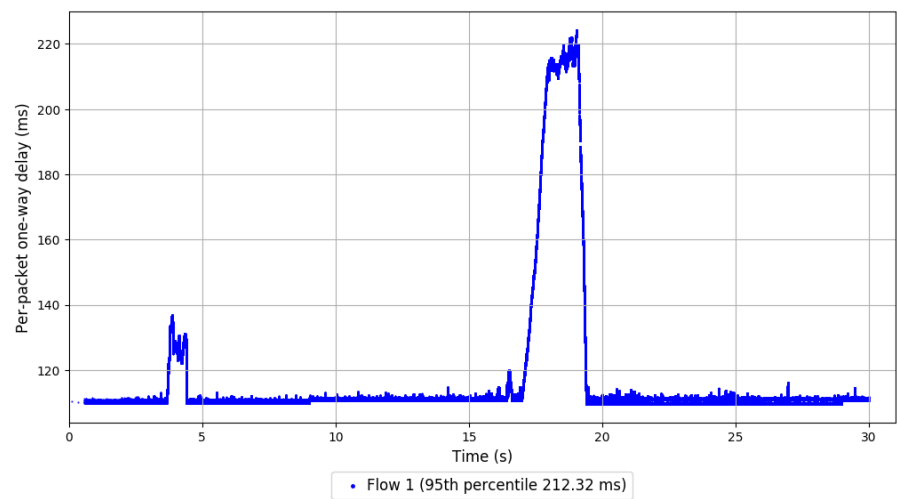
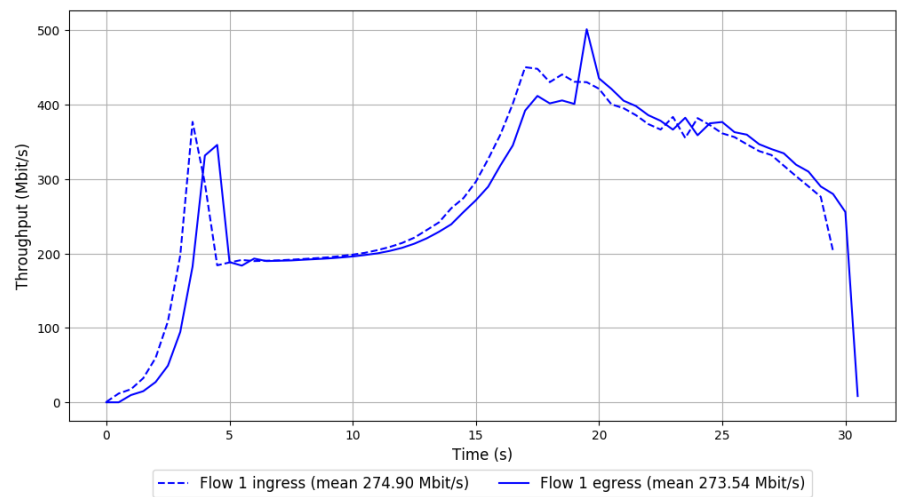
-- Flow 1:

Average throughput: 273.54 Mbit/s

95th percentile per-packet one-way delay: 212.317 ms

Loss rate: 0.49%

Run 7: Report of PCC-Expr — Data Link

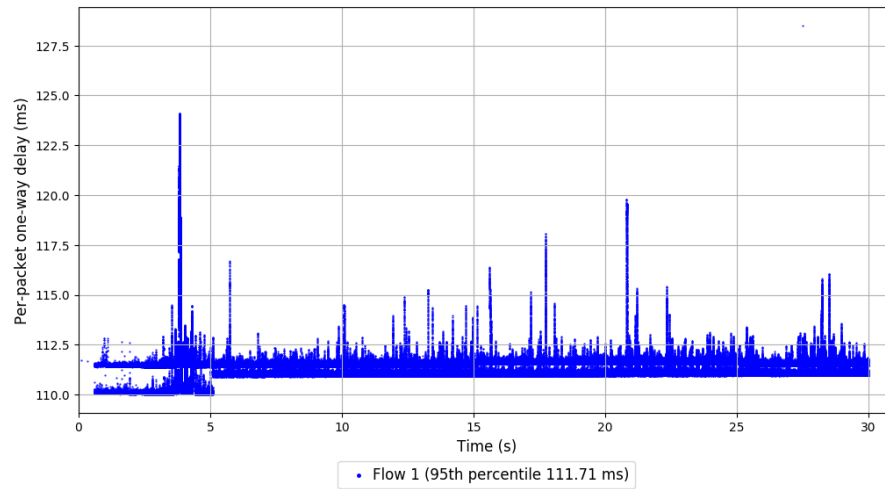
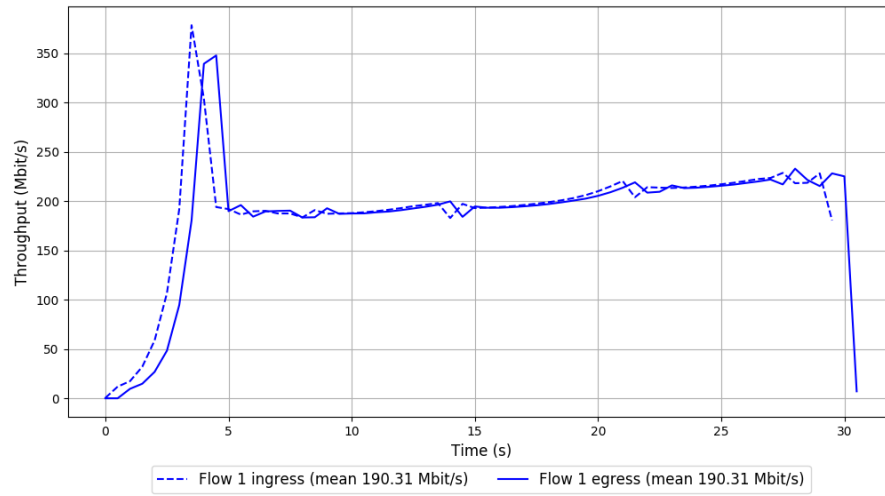


Run 8: Statistics of PCC-Expr

Start at: 2018-07-24 08:18:11
End at: 2018-07-24 08:18:41
Local clock offset: -2.32 ms
Remote clock offset: -2.602 ms

Below is generated by plot.py at 2018-07-24 10:35:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 190.31 Mbit/s
95th percentile per-packet one-way delay: 111.706 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 190.31 Mbit/s
95th percentile per-packet one-way delay: 111.706 ms
Loss rate: 0.00%

Run 8: Report of PCC-Expr — Data Link

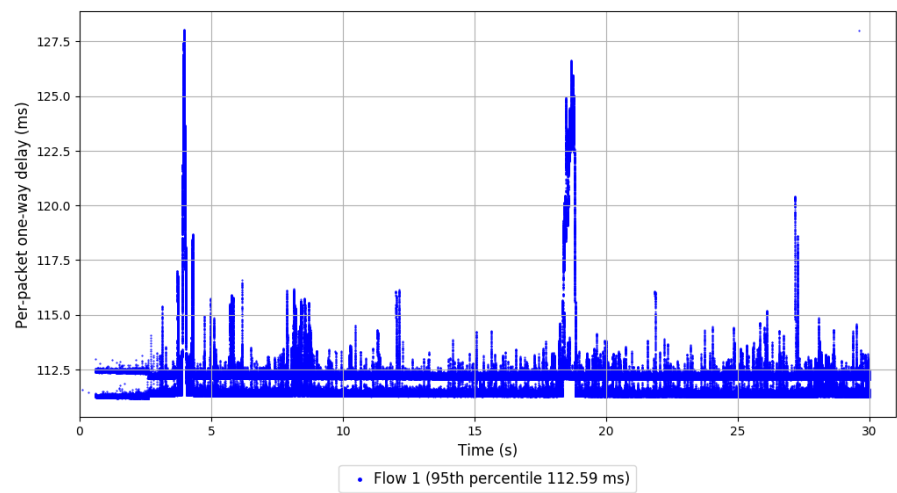
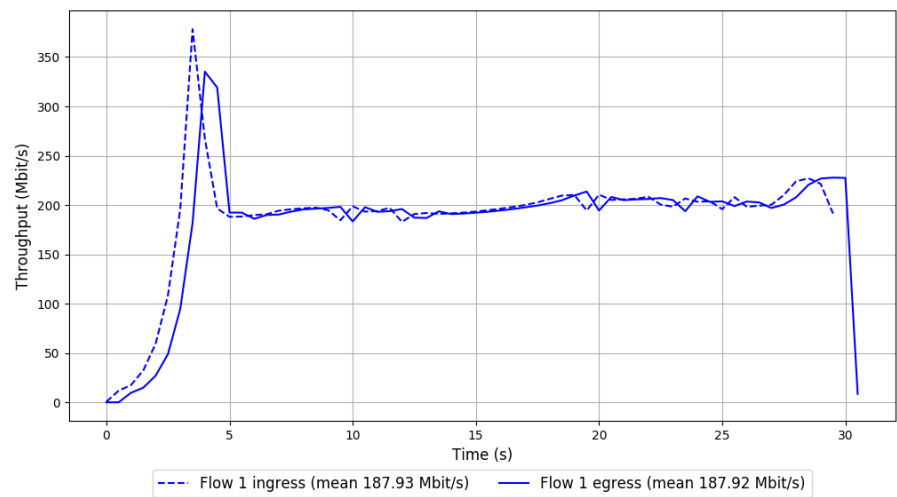


Run 9: Statistics of PCC-Expr

Start at: 2018-07-24 08:40:03
End at: 2018-07-24 08:40:33
Local clock offset: -3.472 ms
Remote clock offset: -1.548 ms

Below is generated by plot.py at 2018-07-24 10:35:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 187.92 Mbit/s
95th percentile per-packet one-way delay: 112.588 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 187.92 Mbit/s
95th percentile per-packet one-way delay: 112.588 ms
Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link

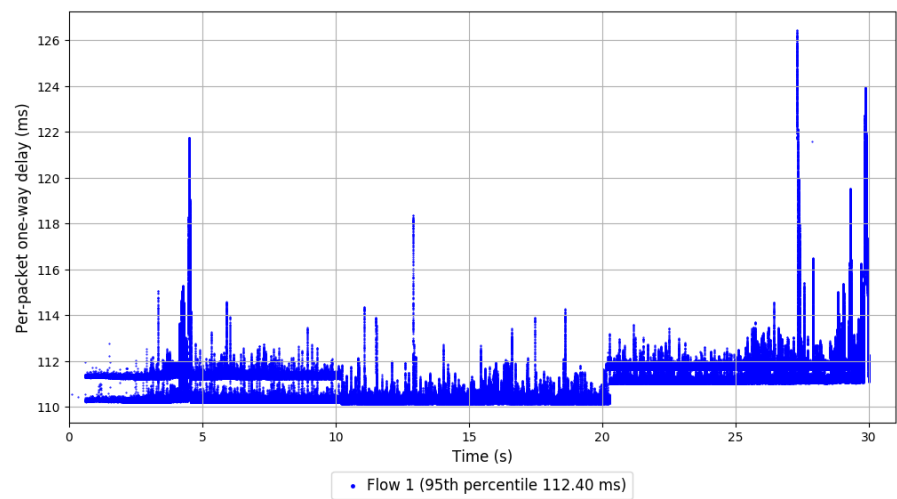
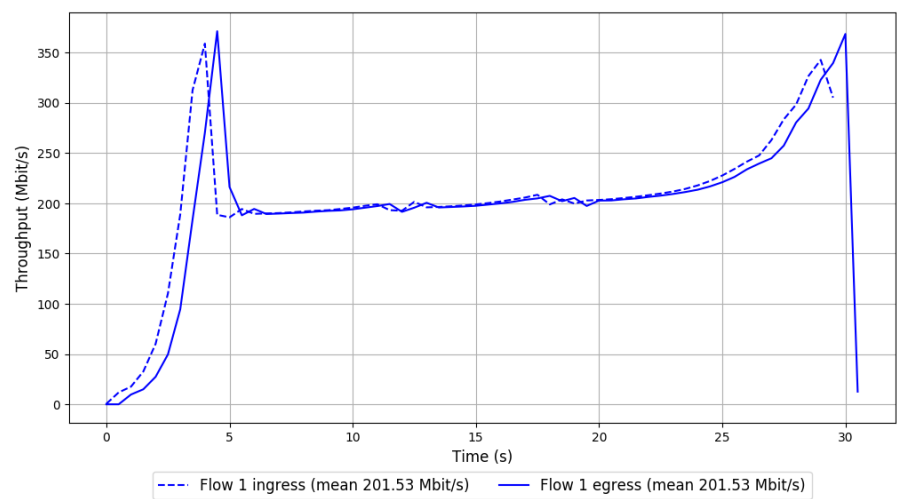


Run 10: Statistics of PCC-Expr

Start at: 2018-07-24 09:02:16
End at: 2018-07-24 09:02:46
Local clock offset: -1.052 ms
Remote clock offset: -1.452 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 201.53 Mbit/s
95th percentile per-packet one-way delay: 112.399 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 201.53 Mbit/s
95th percentile per-packet one-way delay: 112.399 ms
Loss rate: 0.00%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

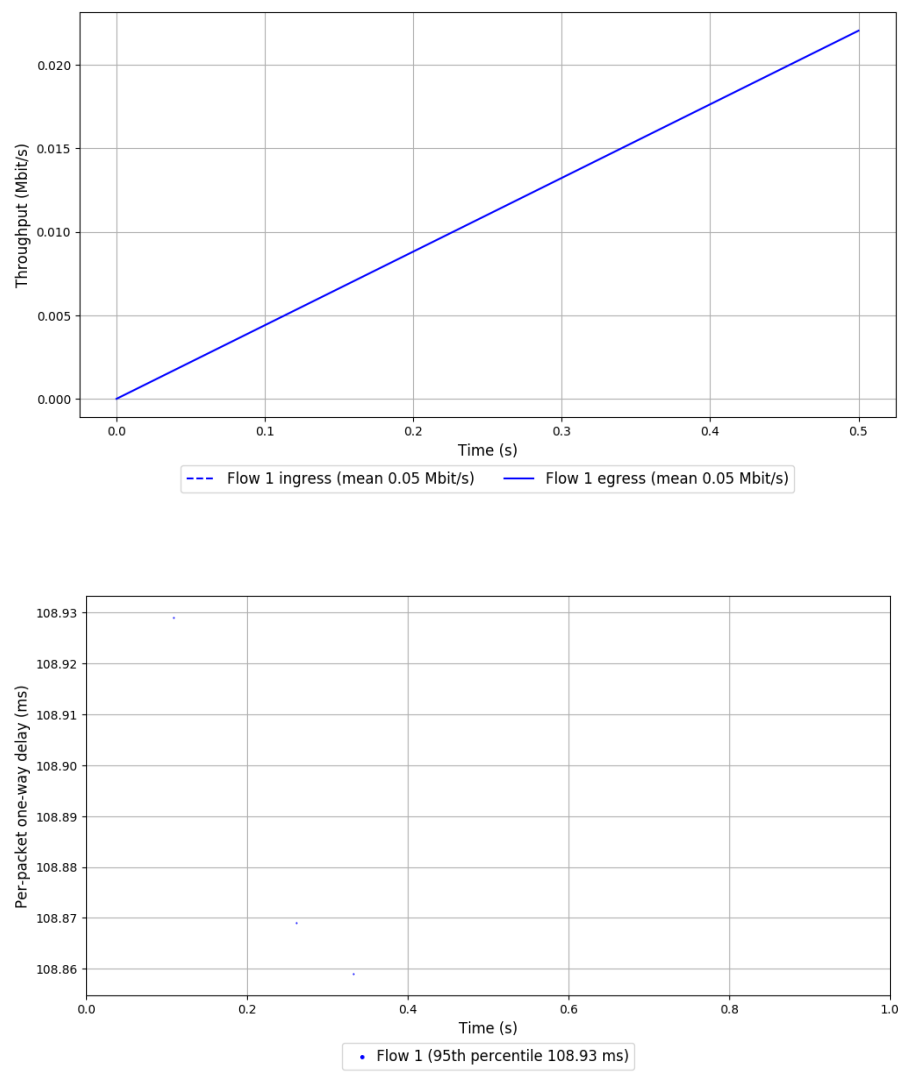
Start at: 2018-07-24 05:50:39

End at: 2018-07-24 05:51:10

Local clock offset: -30.063 ms

Remote clock offset: -27.383 ms

Run 1: Report of QUIC Cubic — Data Link

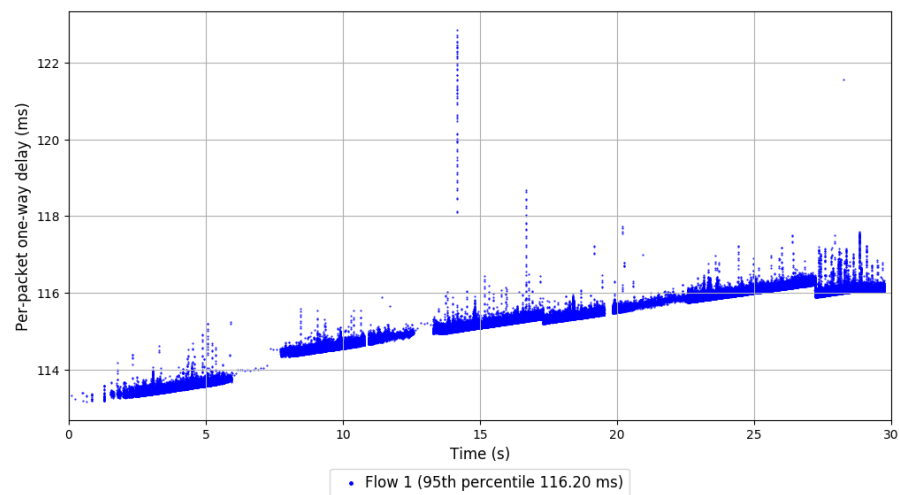
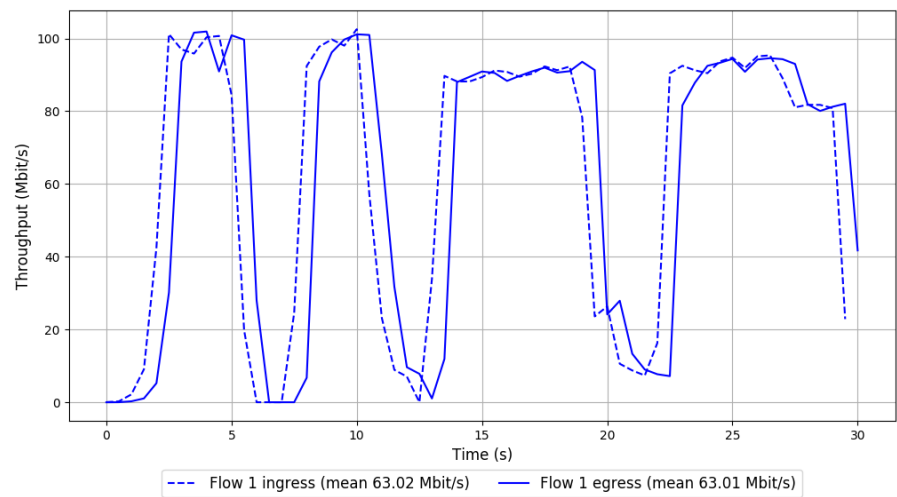


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-24 06:13:18
End at: 2018-07-24 06:13:48
Local clock offset: -33.783 ms
Remote clock offset: -42.005 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.01 Mbit/s
95th percentile per-packet one-way delay: 116.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.01 Mbit/s
95th percentile per-packet one-way delay: 116.201 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

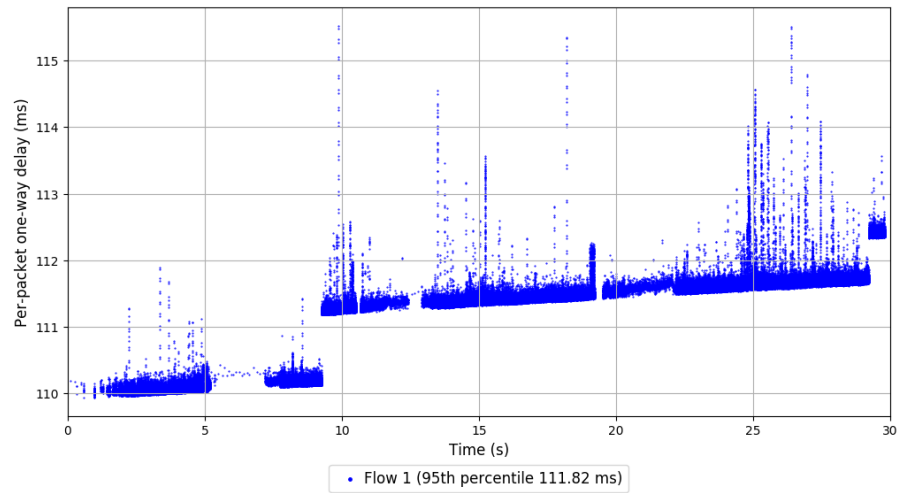
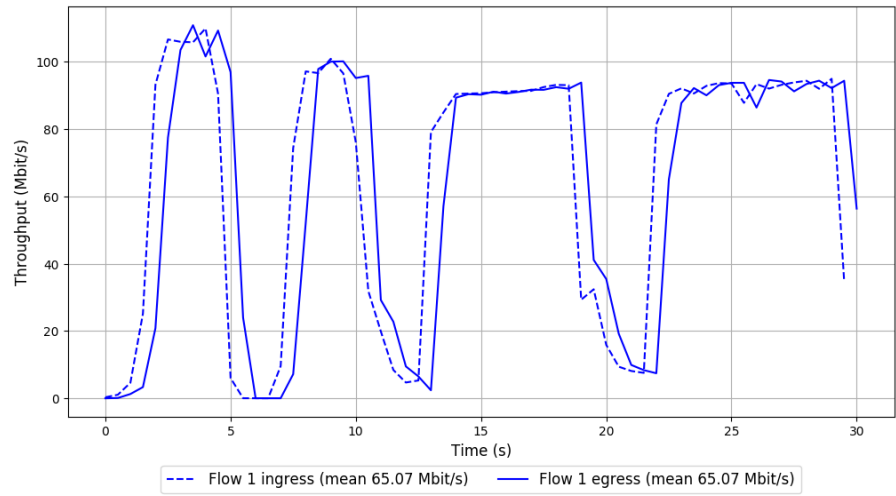


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-24 06:35:56
End at: 2018-07-24 06:36:27
Local clock offset: -21.759 ms
Remote clock offset: -44.152 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.07 Mbit/s
95th percentile per-packet one-way delay: 111.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.07 Mbit/s
95th percentile per-packet one-way delay: 111.822 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

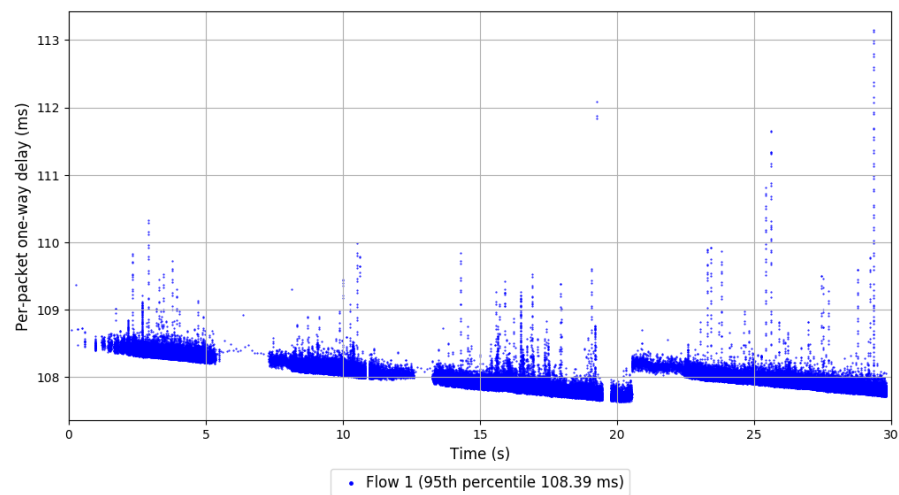
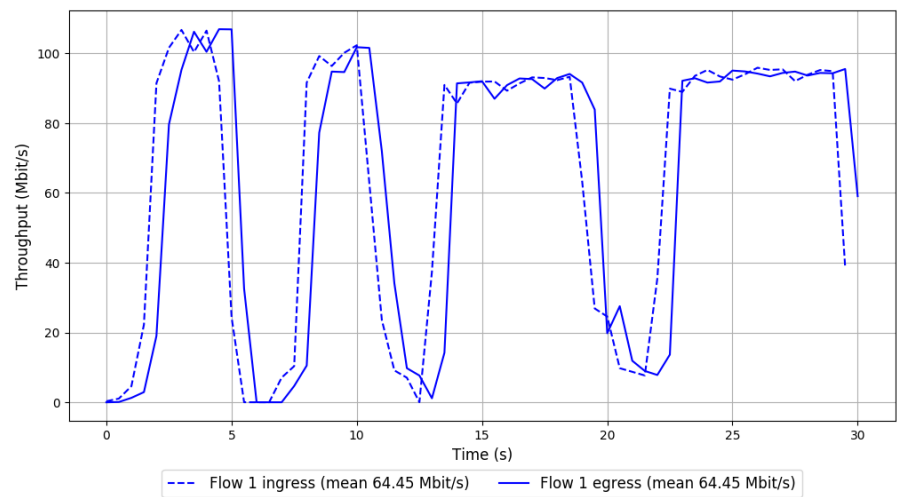


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-24 06:58:45
End at: 2018-07-24 06:59:15
Local clock offset: -40.818 ms
Remote clock offset: -28.49 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 108.392 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 108.392 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

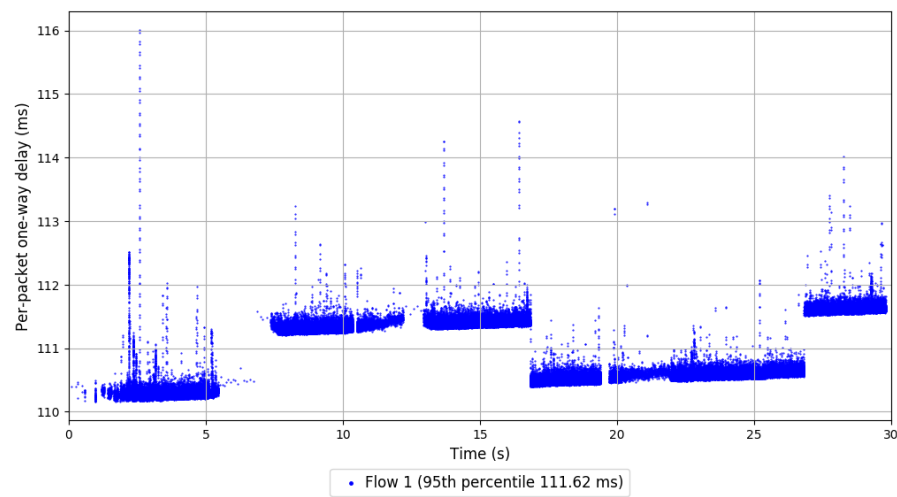
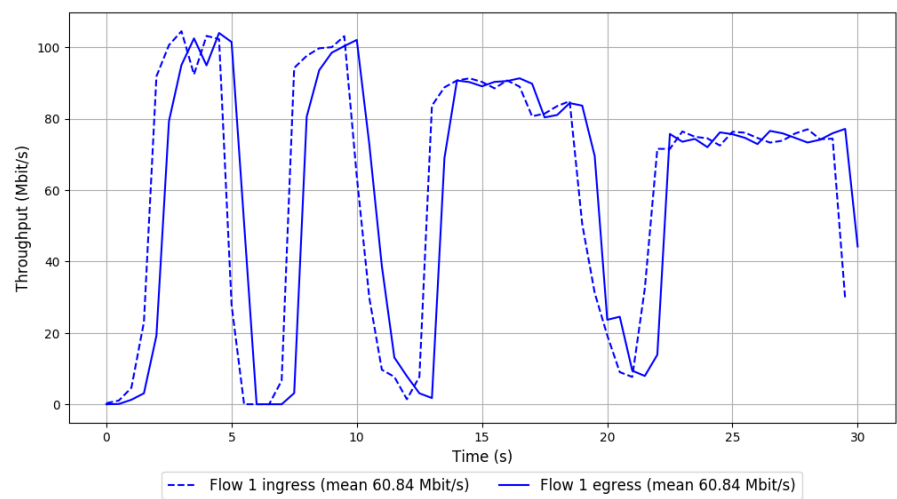


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-24 07:20:49
End at: 2018-07-24 07:21:19
Local clock offset: -10.382 ms
Remote clock offset: -31.668 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.84 Mbit/s
95th percentile per-packet one-way delay: 111.624 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.84 Mbit/s
95th percentile per-packet one-way delay: 111.624 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-07-24 07:43:39

End at: 2018-07-24 07:44:09

Local clock offset: -5.323 ms

Remote clock offset: -7.081 ms

Below is generated by plot.py at 2018-07-24 10:36:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.74 Mbit/s

95th percentile per-packet one-way delay: 111.597 ms

Loss rate: 0.00%

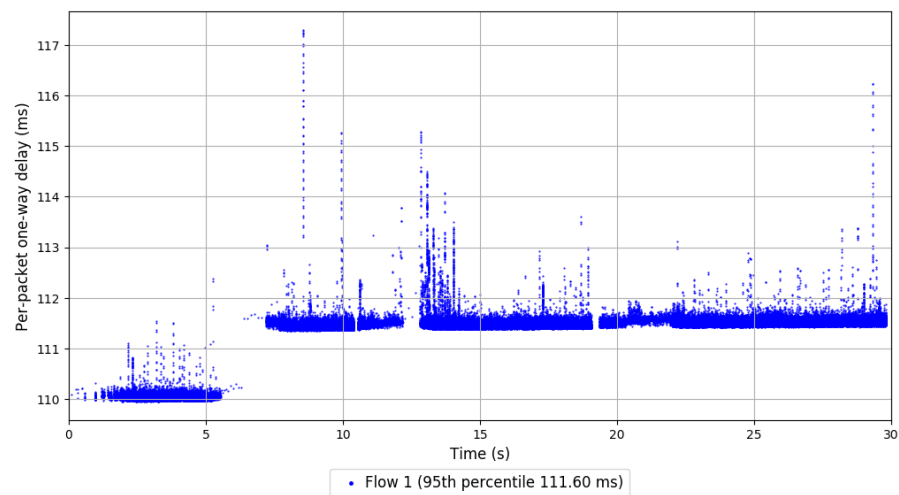
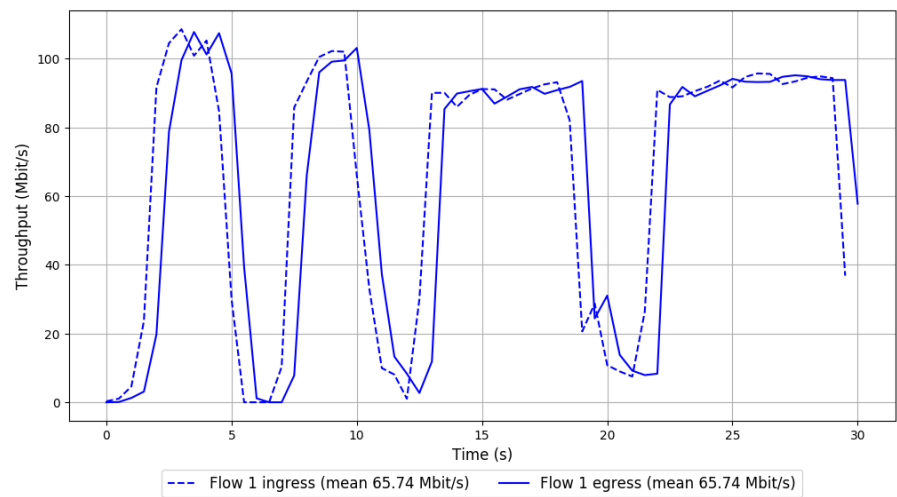
-- Flow 1:

Average throughput: 65.74 Mbit/s

95th percentile per-packet one-way delay: 111.597 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

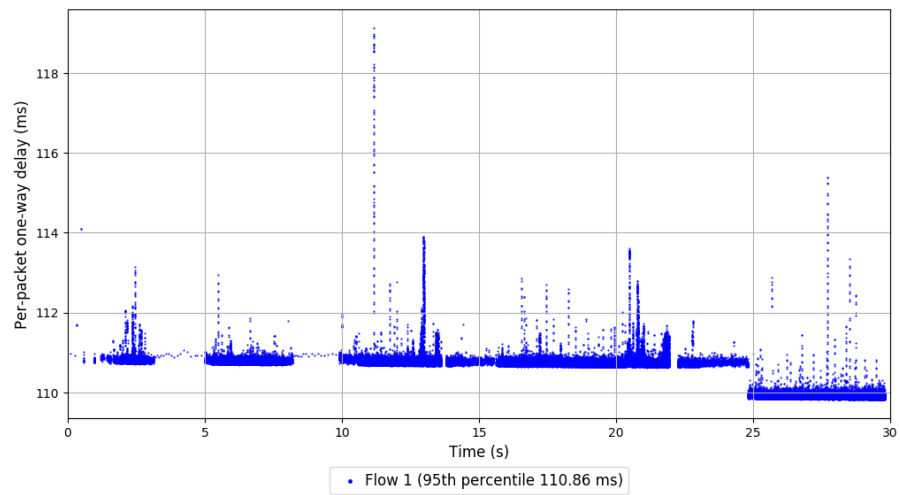
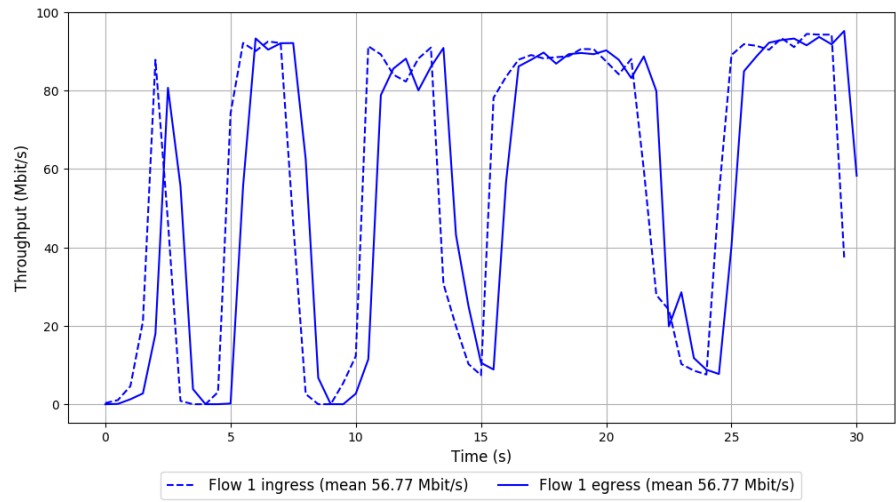


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-24 08:06:21
End at: 2018-07-24 08:06:51
Local clock offset: -4.574 ms
Remote clock offset: -3.296 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.77 Mbit/s
95th percentile per-packet one-way delay: 110.858 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.77 Mbit/s
95th percentile per-packet one-way delay: 110.858 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

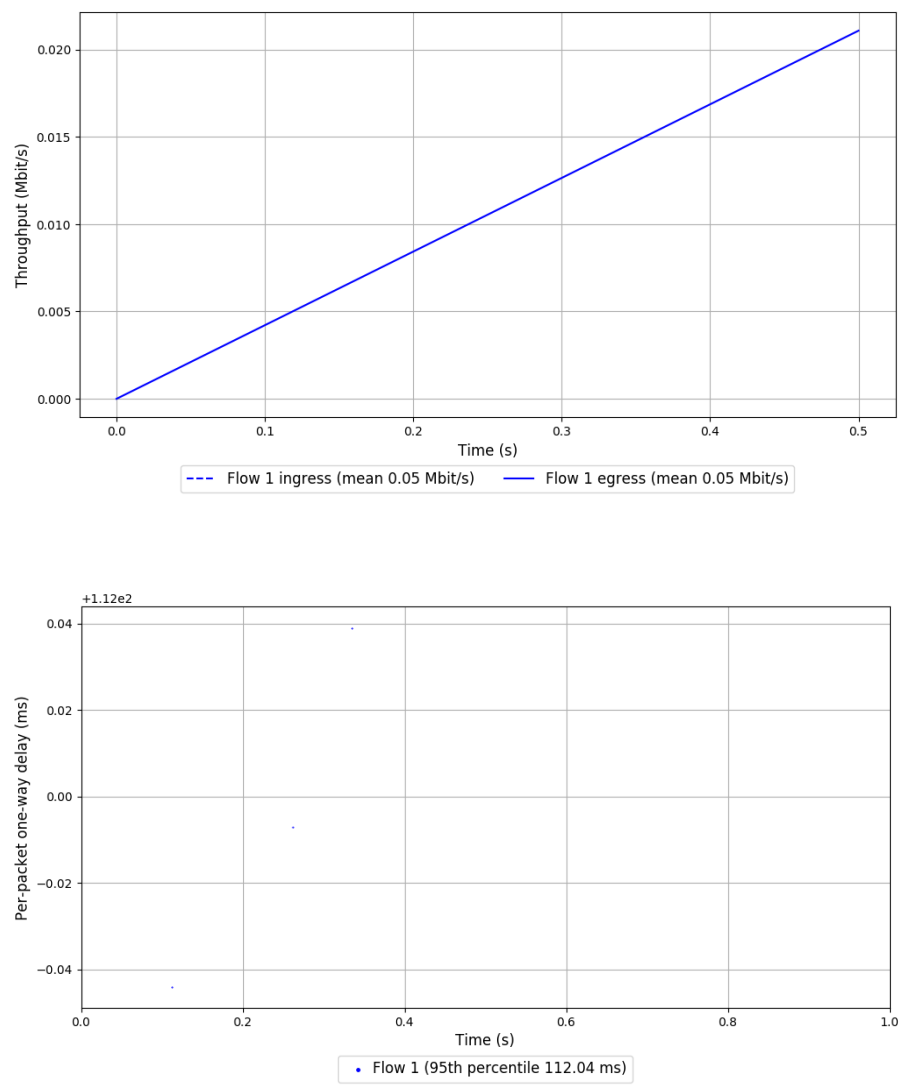
Start at: 2018-07-24 08:28:33

End at: 2018-07-24 08:29:03

Local clock offset: -2.004 ms

Remote clock offset: -3.125 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-07-24 08:50:24

End at: 2018-07-24 08:50:54

Local clock offset: -1.472 ms

Remote clock offset: -1.585 ms

Below is generated by plot.py at 2018-07-24 10:36:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.14 Mbit/s

95th percentile per-packet one-way delay: 111.331 ms

Loss rate: 0.00%

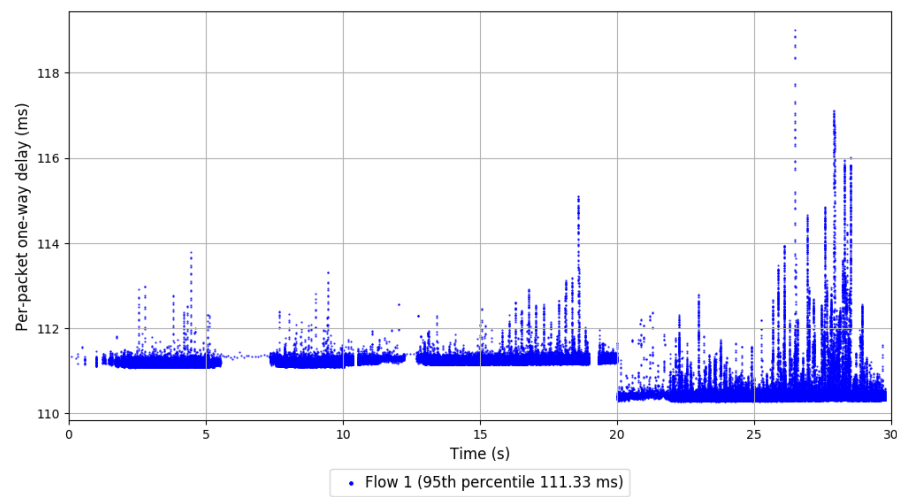
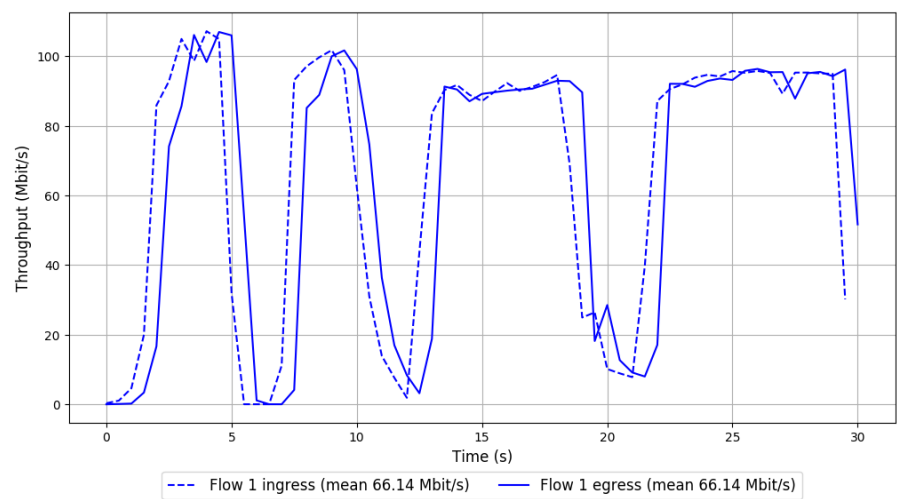
-- Flow 1:

Average throughput: 66.14 Mbit/s

95th percentile per-packet one-way delay: 111.331 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-07-24 09:12:35

End at: 2018-07-24 09:13:05

Local clock offset: -1.09 ms

Remote clock offset: -0.459 ms

Below is generated by plot.py at 2018-07-24 10:36:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.15 Mbit/s

95th percentile per-packet one-way delay: 110.826 ms

Loss rate: 0.00%

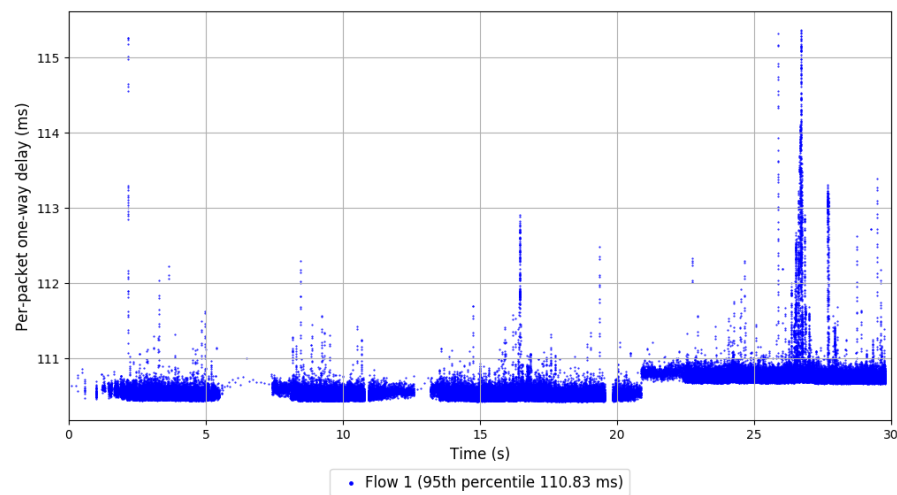
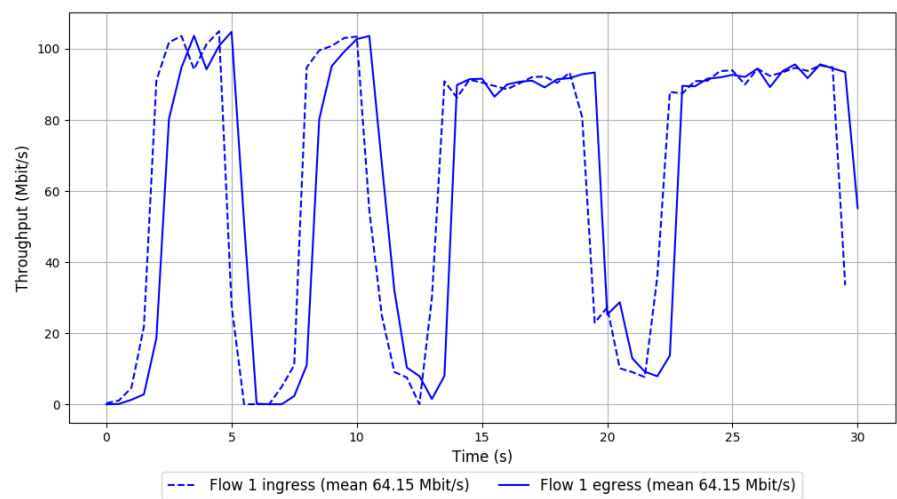
-- Flow 1:

Average throughput: 64.15 Mbit/s

95th percentile per-packet one-way delay: 110.826 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

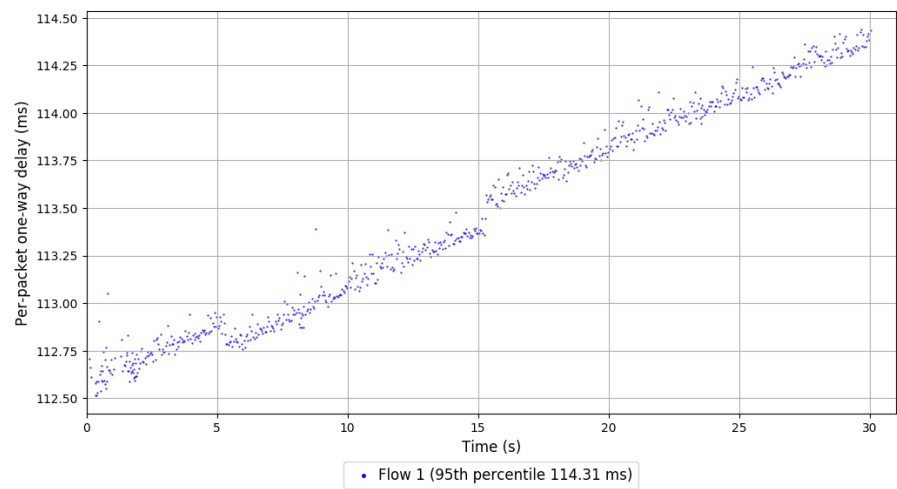
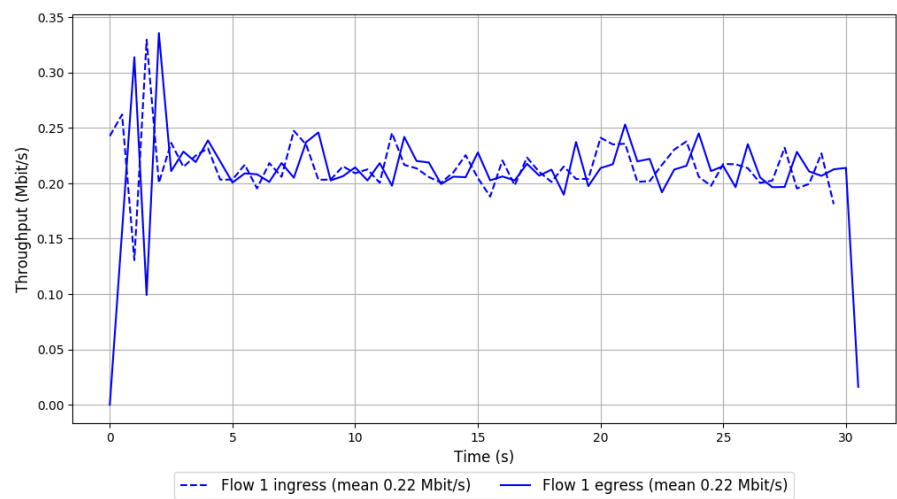


```
Run 1: Statistics of SCReAM

Start at: 2018-07-24 05:55:31
End at: 2018-07-24 05:56:01
Local clock offset: -30.961 ms
Remote clock offset: -26.356 ms

# Below is generated by plot.py at 2018-07-24 10:36:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 114.315 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 114.315 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

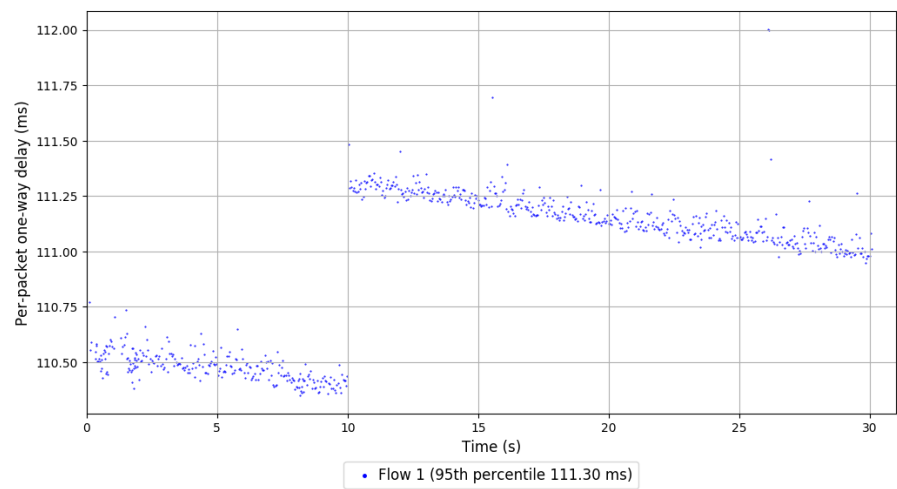
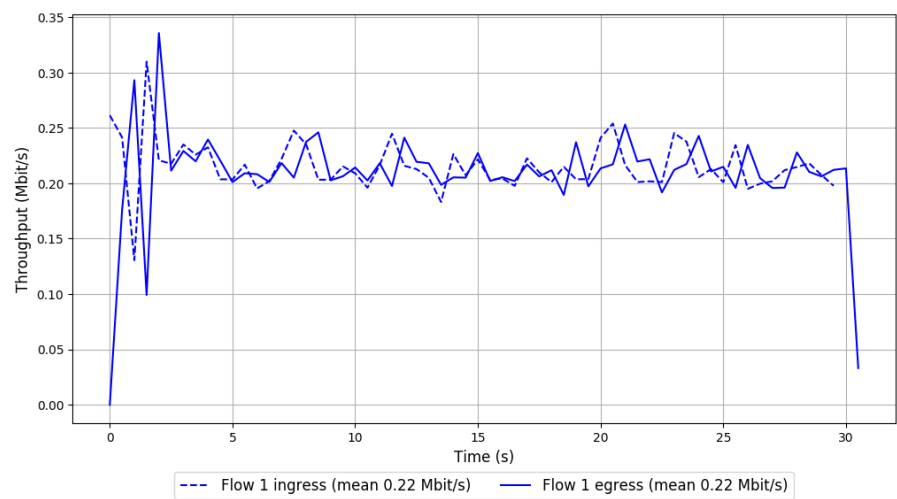


Run 2: Statistics of SCReAM

Start at: 2018-07-24 06:18:06
End at: 2018-07-24 06:18:36
Local clock offset: -22.953 ms
Remote clock offset: -34.428 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.298 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

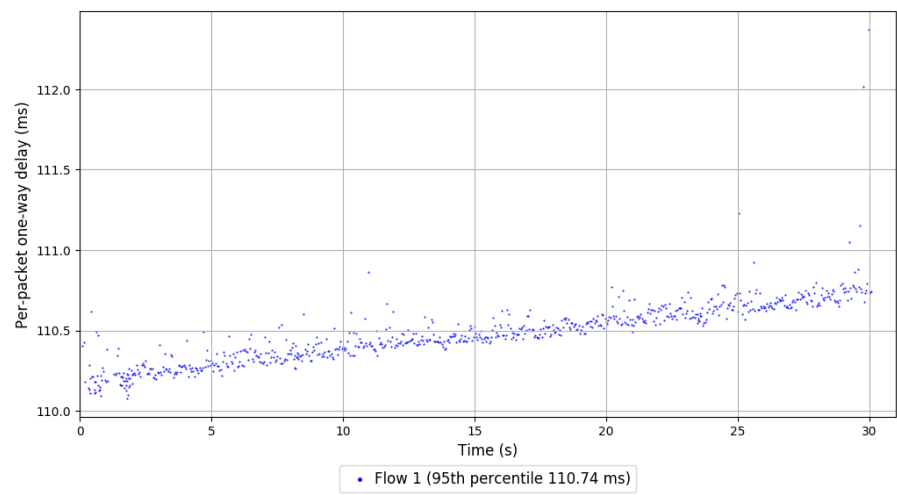
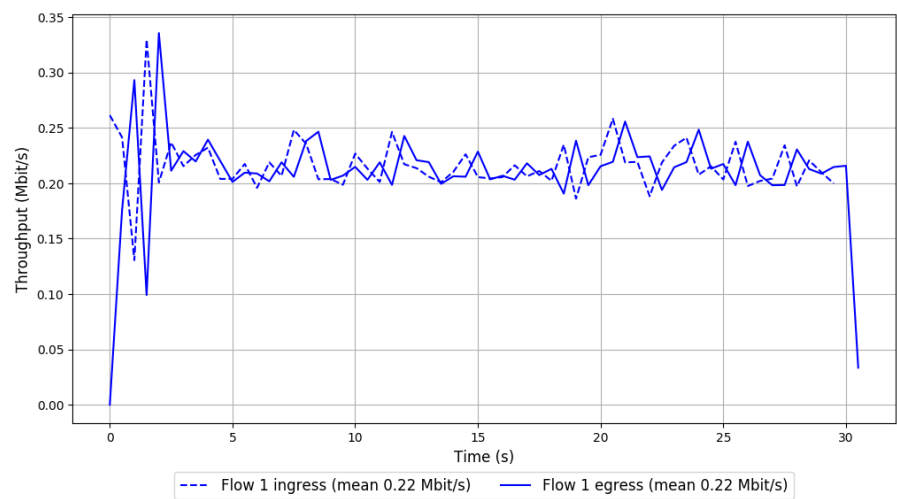


Run 3: Statistics of SCReAM

Start at: 2018-07-24 06:40:51
End at: 2018-07-24 06:41:21
Local clock offset: -23.779 ms
Remote clock offset: -52.153 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.740 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.740 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

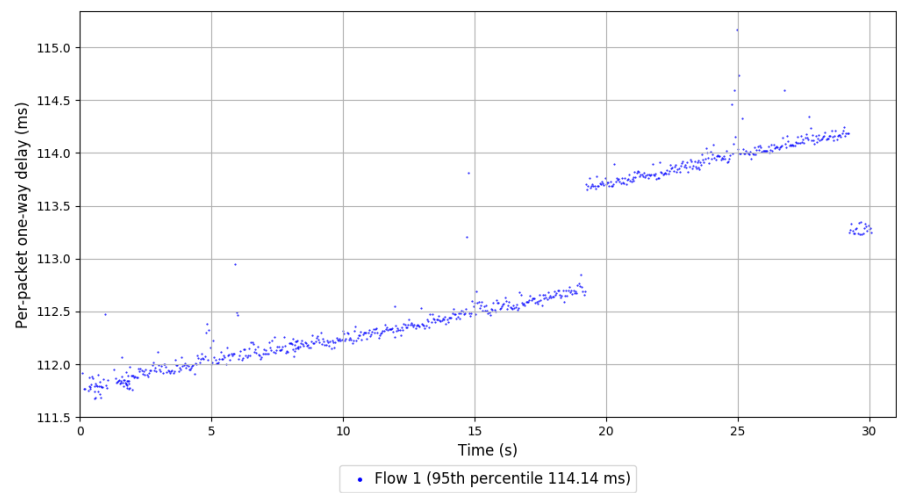
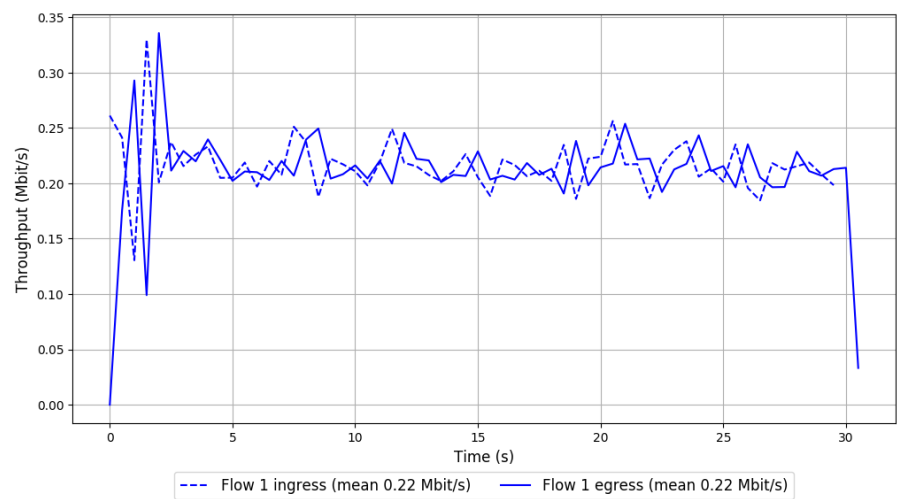


Run 4: Statistics of SCReAM

Start at: 2018-07-24 07:03:37
End at: 2018-07-24 07:04:07
Local clock offset: -33.785 ms
Remote clock offset: -24.424 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 114.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 114.140 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

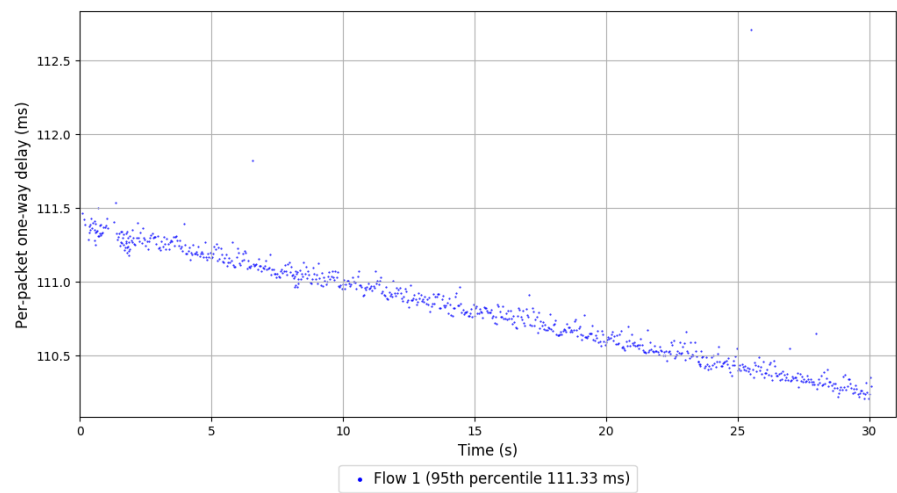
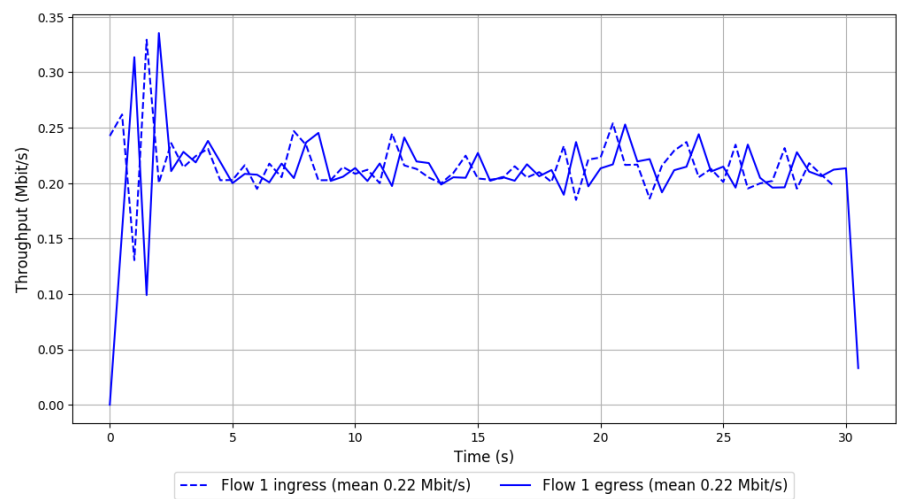


Run 5: Statistics of SCReAM

Start at: 2018-07-24 07:25:45
End at: 2018-07-24 07:26:15
Local clock offset: -10.296 ms
Remote clock offset: -22.548 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.329 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.329 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

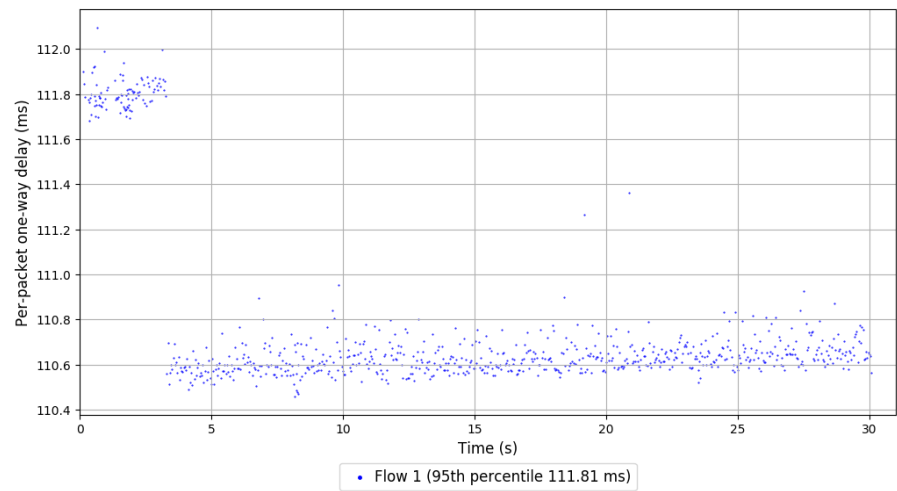
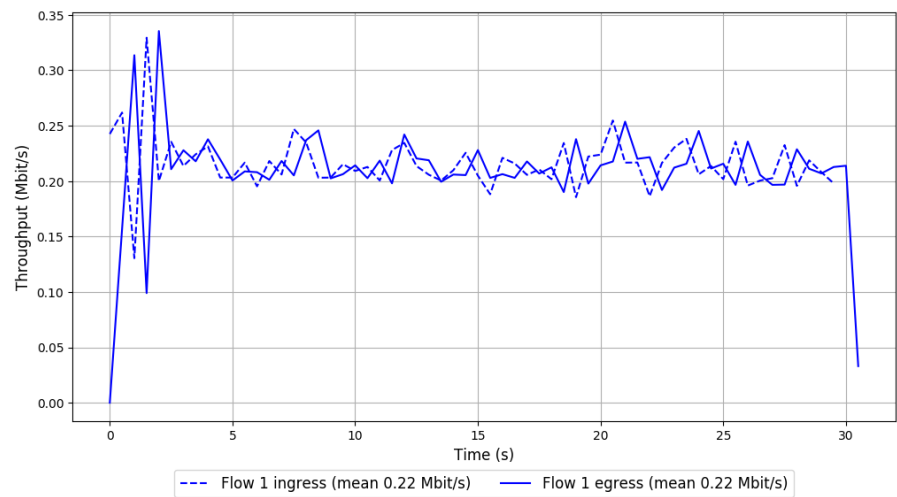


Run 6: Statistics of SCReAM

Start at: 2018-07-24 07:48:31
End at: 2018-07-24 07:49:01
Local clock offset: -4.408 ms
Remote clock offset: -6.887 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.811 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.811 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

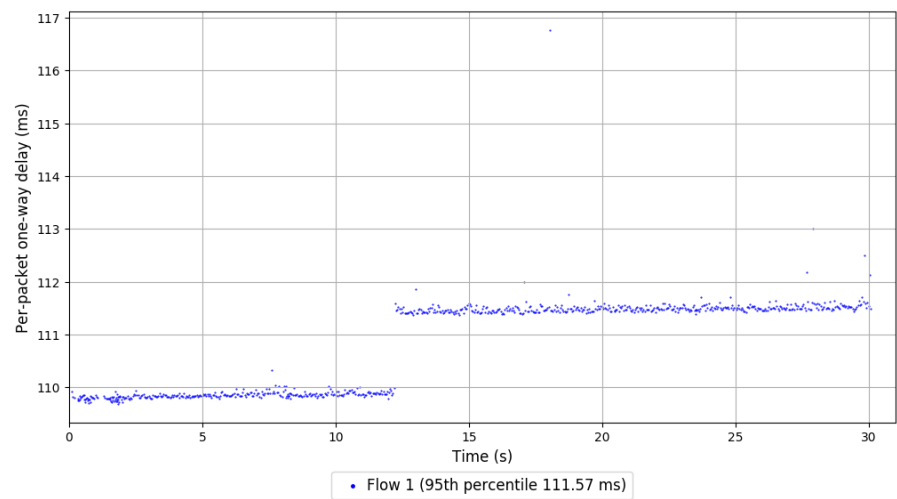
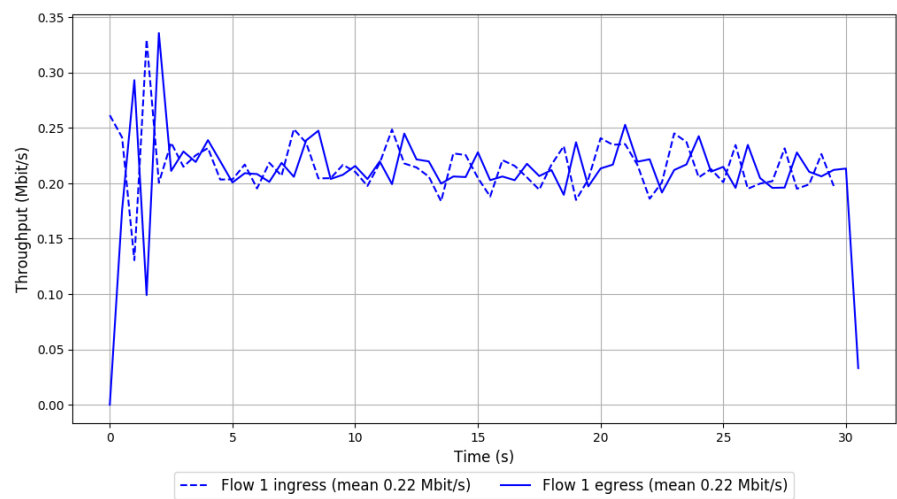


Run 7: Statistics of SCReAM

Start at: 2018-07-24 08:11:14
End at: 2018-07-24 08:11:44
Local clock offset: -4.022 ms
Remote clock offset: -3.094 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.574 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.574 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

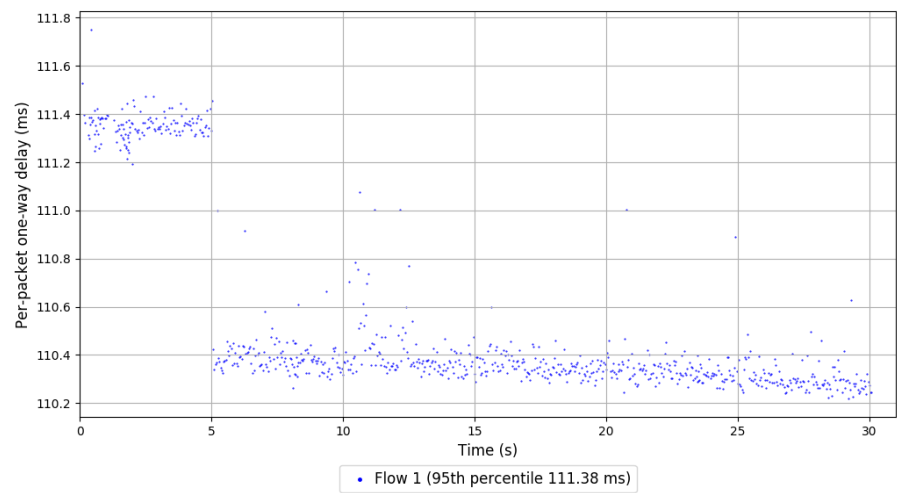
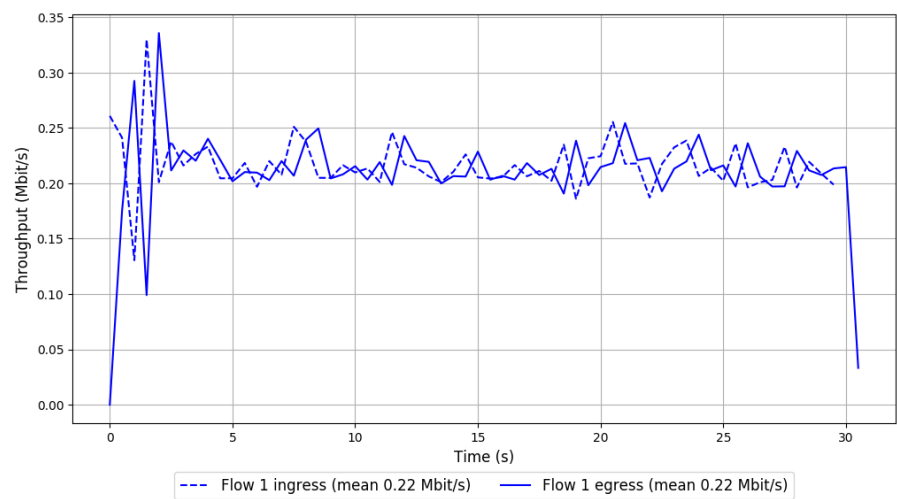


Run 8: Statistics of SCReAM

Start at: 2018-07-24 08:33:21
End at: 2018-07-24 08:33:51
Local clock offset: -1.993 ms
Remote clock offset: -2.483 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.376 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.376 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

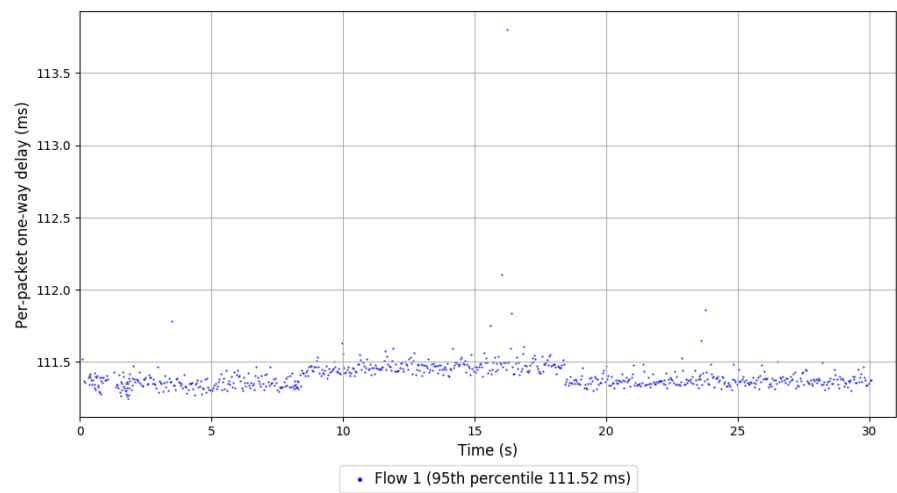
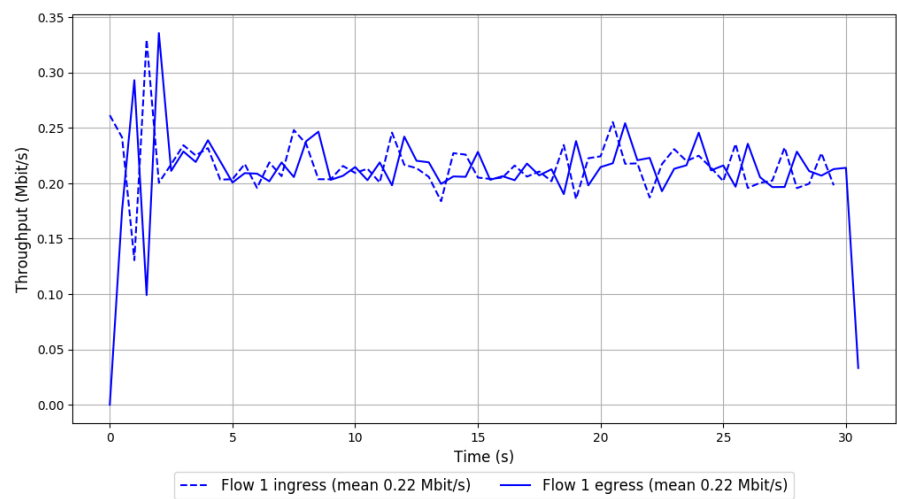


Run 9: Statistics of SCReAM

Start at: 2018-07-24 08:55:16
End at: 2018-07-24 08:55:46
Local clock offset: -0.93 ms
Remote clock offset: -0.925 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.515 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

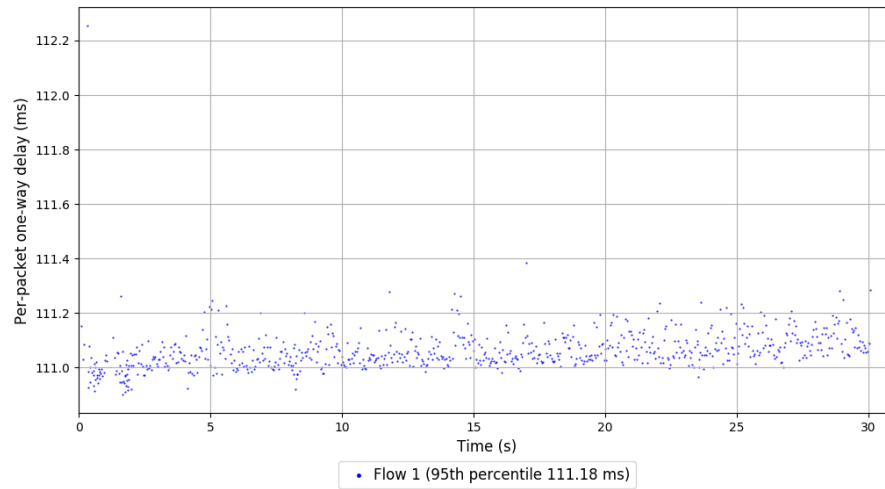
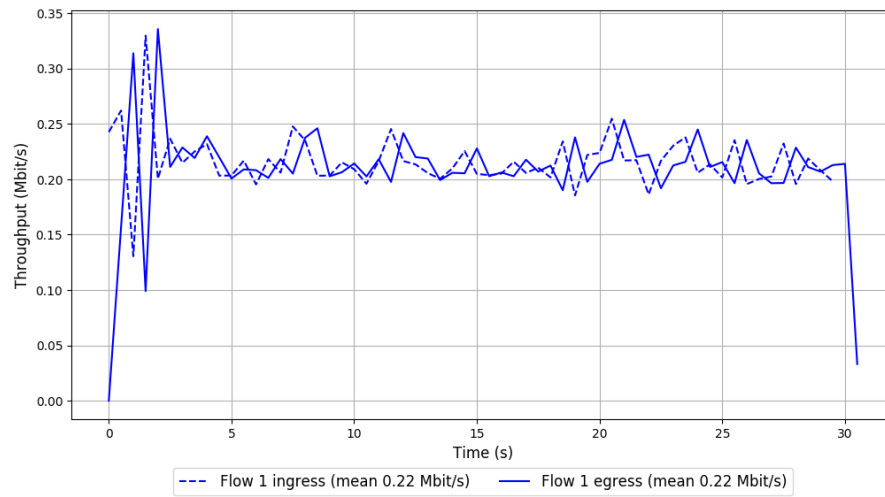


Run 10: Statistics of SReAM

Start at: 2018-07-24 09:17:27
End at: 2018-07-24 09:17:57
Local clock offset: -1.124 ms
Remote clock offset: -1.109 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.179 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.179 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

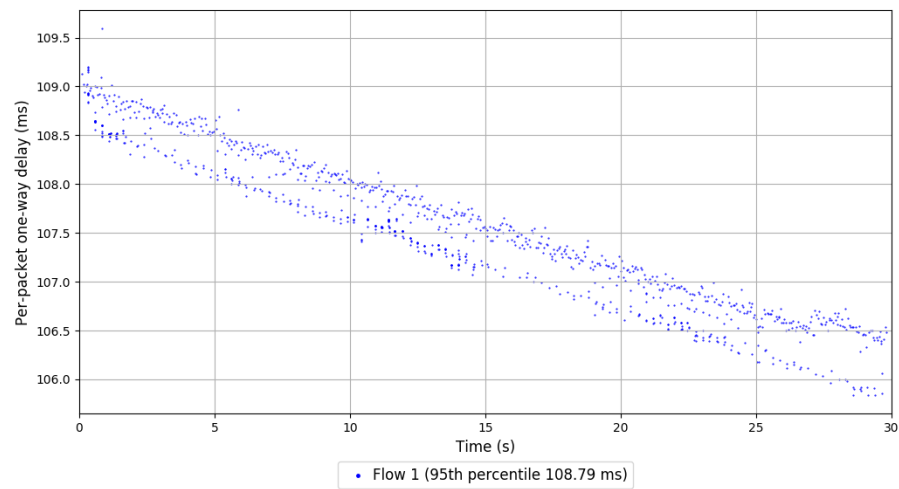
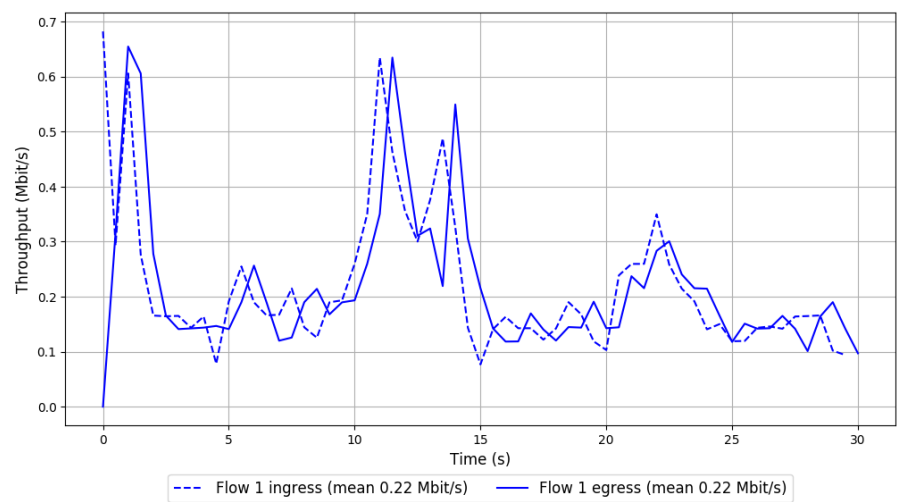


Run 1: Statistics of Sprout

Start at: 2018-07-24 05:51:47
End at: 2018-07-24 05:52:17
Local clock offset: -34.463 ms
Remote clock offset: -23.505 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 108.791 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 108.791 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

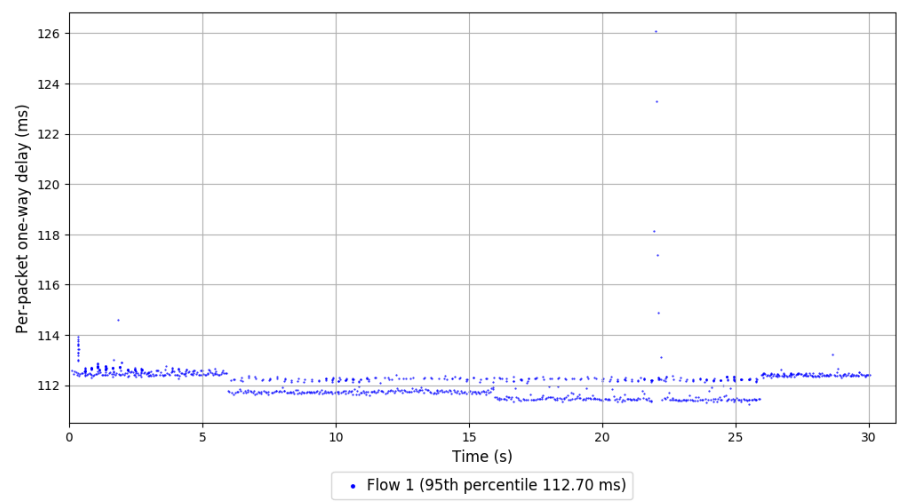
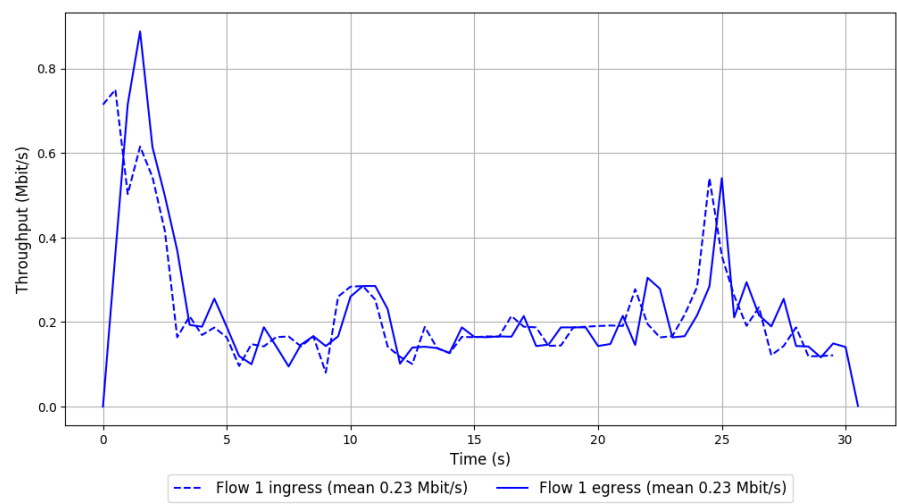


Run 2: Statistics of Sprout

Start at: 2018-07-24 06:14:30
End at: 2018-07-24 06:15:00
Local clock offset: -29.004 ms
Remote clock offset: -41.422 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 112.699 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 112.699 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

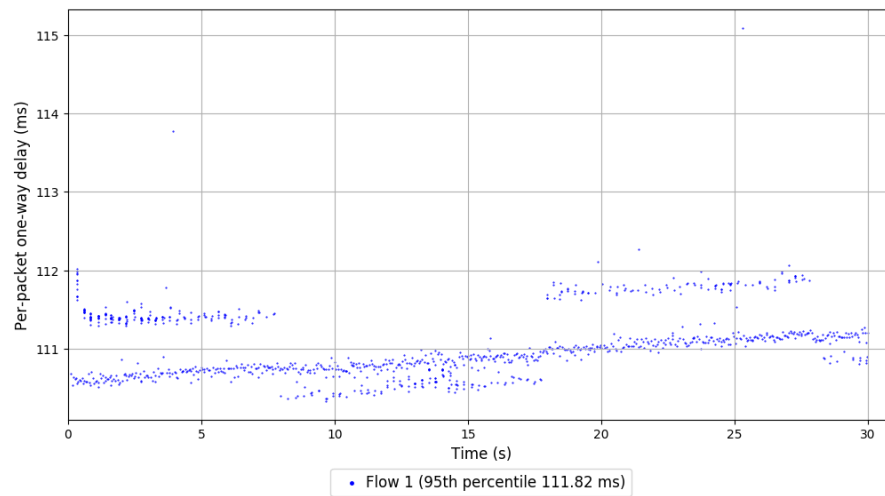
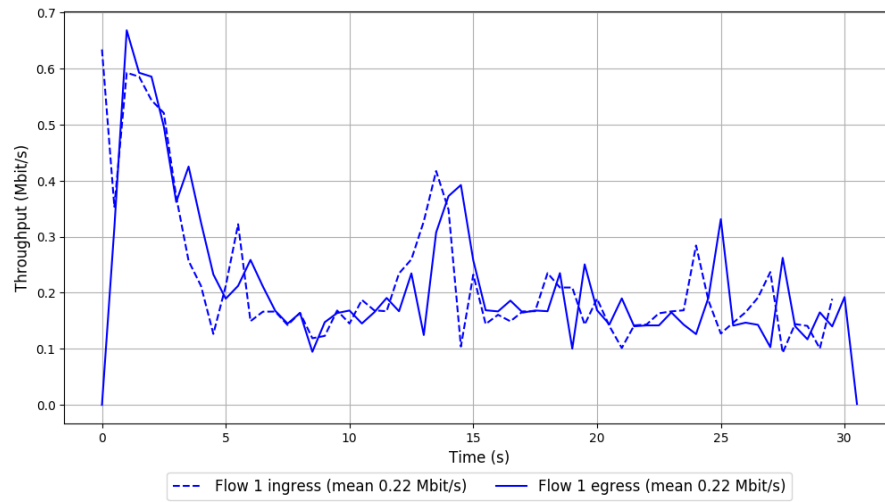


Run 3: Statistics of Sprout

Start at: 2018-07-24 06:37:08
End at: 2018-07-24 06:37:38
Local clock offset: -22.218 ms
Remote clock offset: -46.194 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.820 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

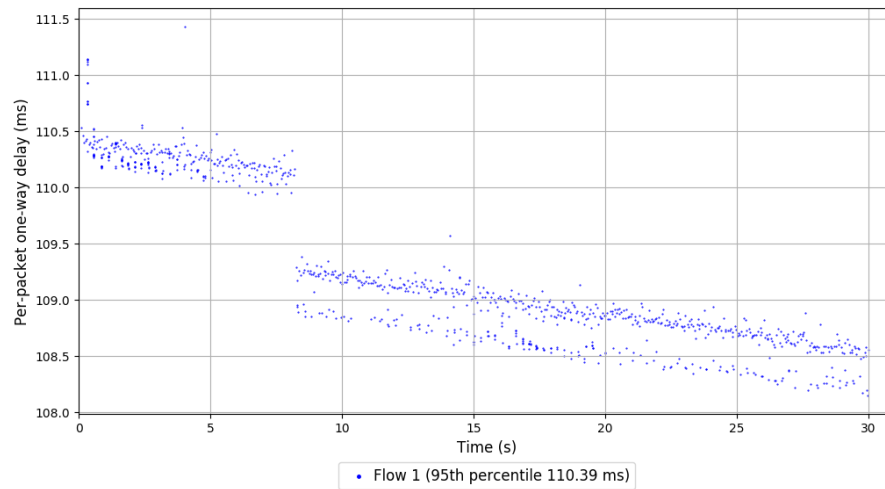
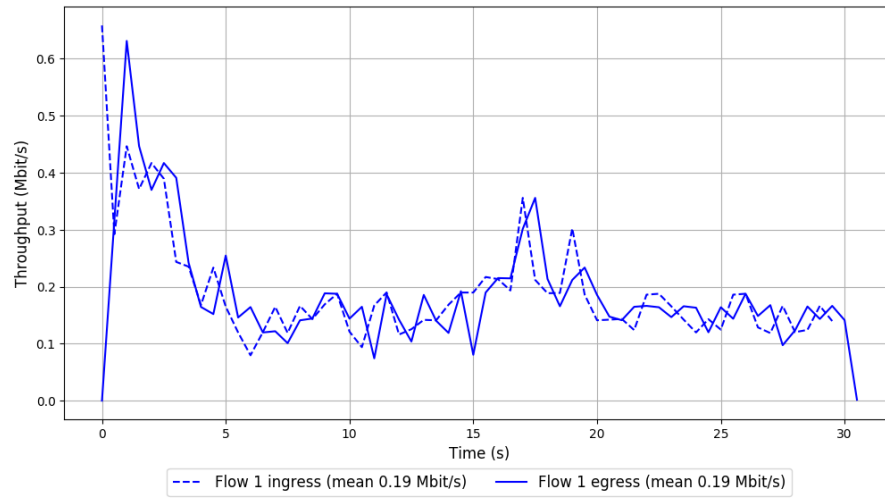


Run 4: Statistics of Sprout

Start at: 2018-07-24 06:59:58
End at: 2018-07-24 07:00:28
Local clock offset: -42.137 ms
Remote clock offset: -27.026 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 110.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 110.385 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

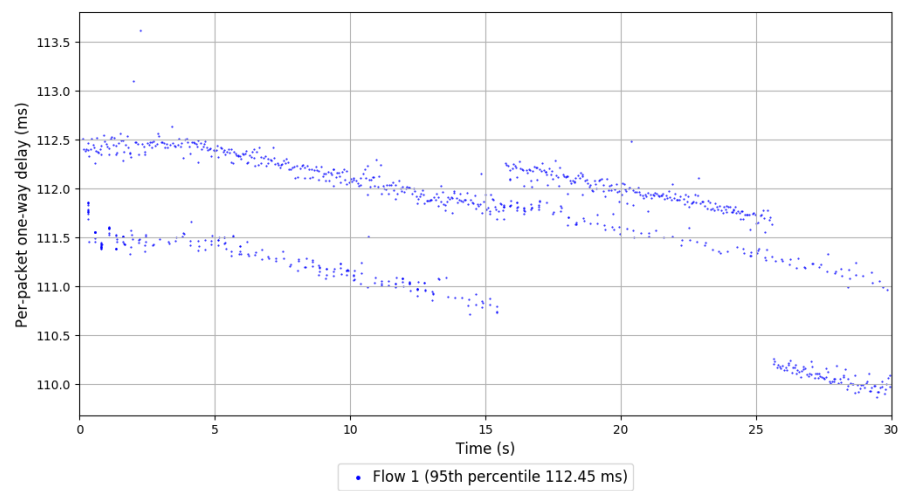
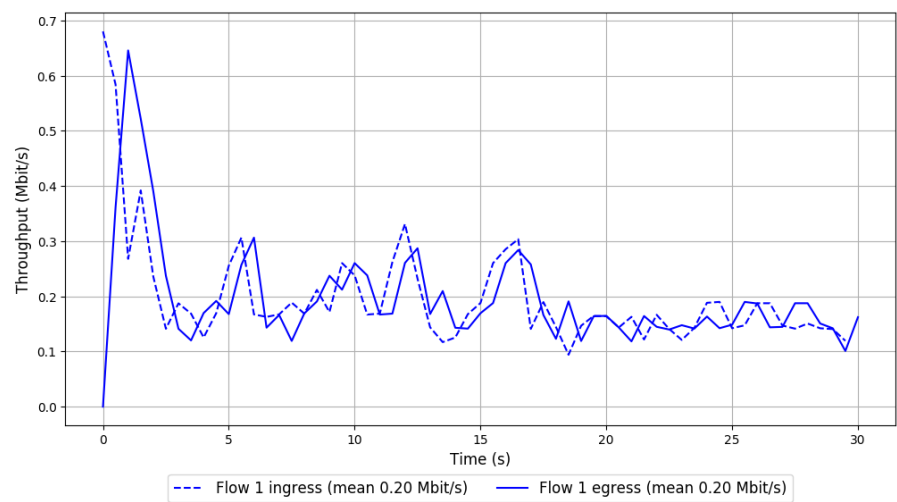


Run 5: Statistics of Sprout

Start at: 2018-07-24 07:22:00
End at: 2018-07-24 07:22:30
Local clock offset: -11.525 ms
Remote clock offset: -32.628 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 112.453 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 112.453 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

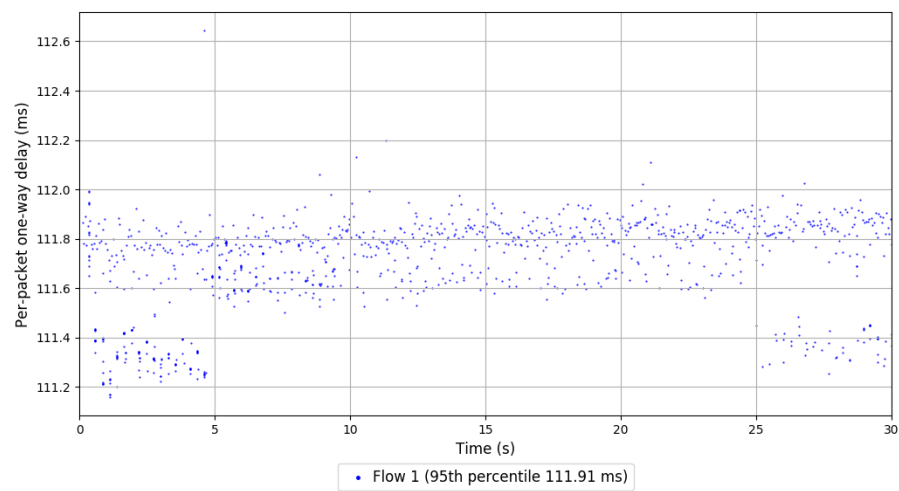
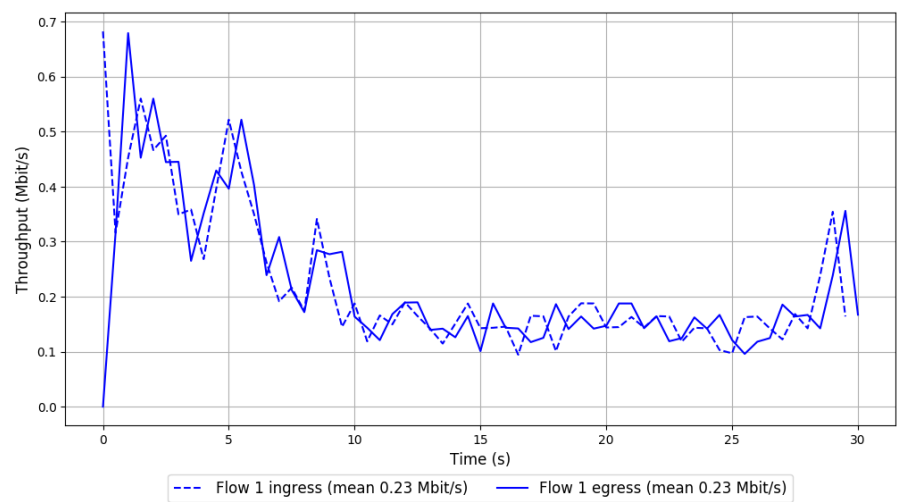


Run 6: Statistics of Sprout

Start at: 2018-07-24 07:44:51
End at: 2018-07-24 07:45:21
Local clock offset: -5.108 ms
Remote clock offset: -6.977 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 111.911 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 111.911 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

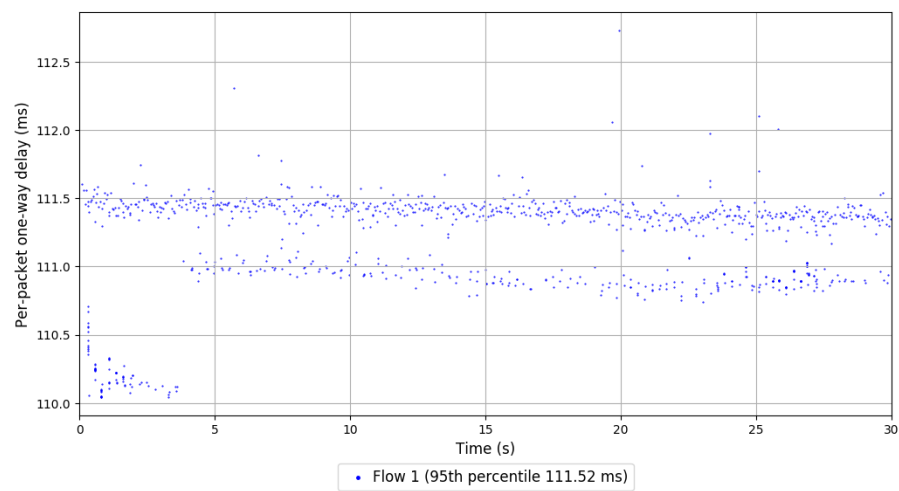
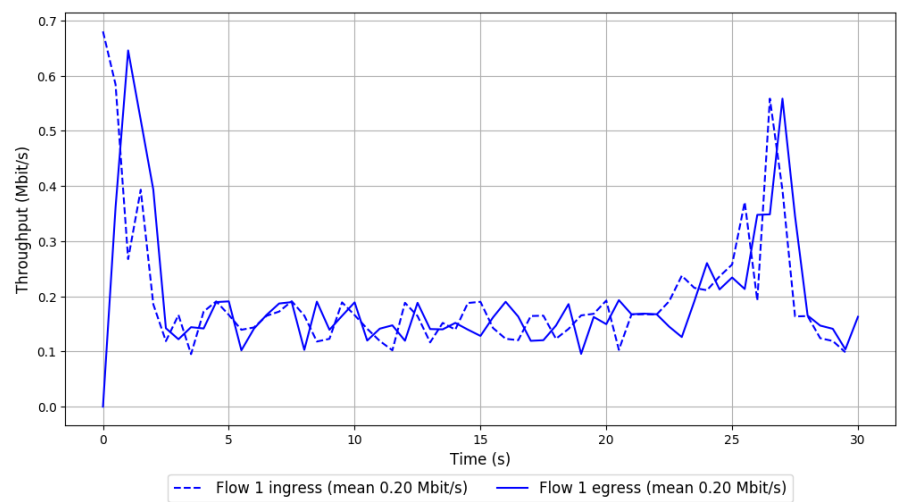


Run 7: Statistics of Sprout

Start at: 2018-07-24 08:07:32
End at: 2018-07-24 08:08:02
Local clock offset: -4.699 ms
Remote clock offset: -3.118 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 111.523 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 111.523 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

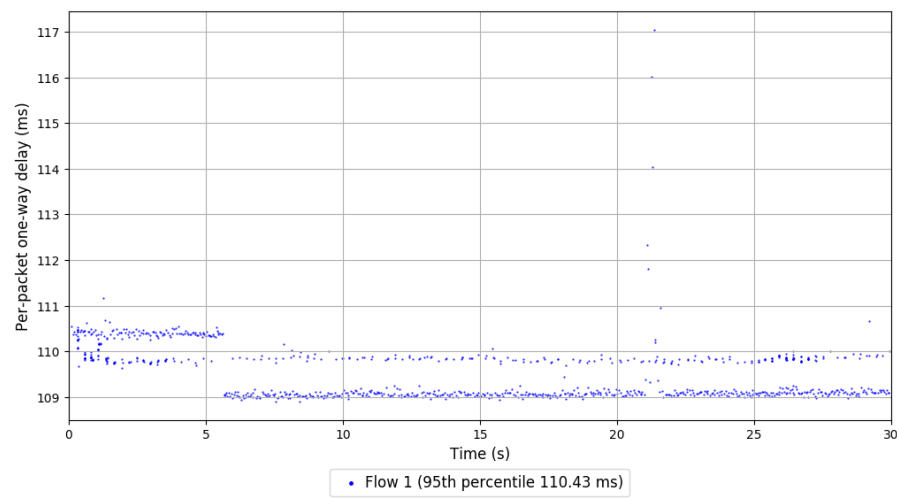
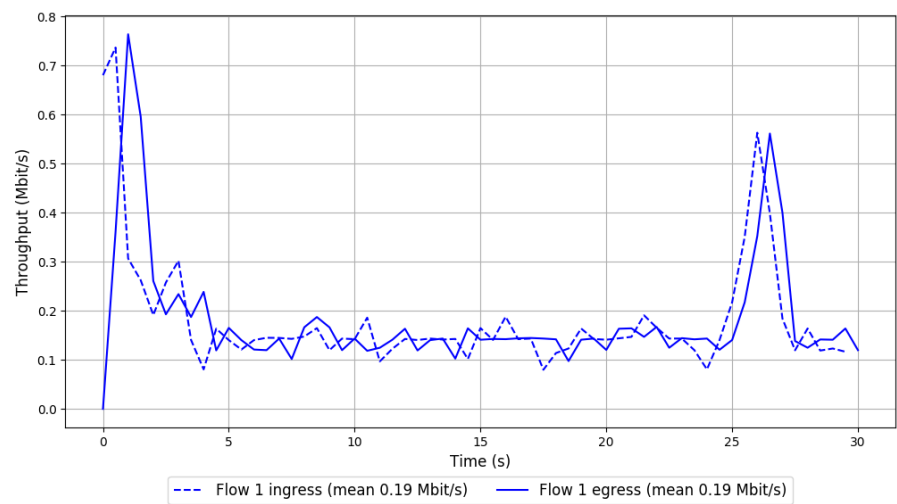


Run 8: Statistics of Sprout

Start at: 2018-07-24 08:29:40
End at: 2018-07-24 08:30:10
Local clock offset: -0.57 ms
Remote clock offset: -3.275 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 110.428 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 110.428 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

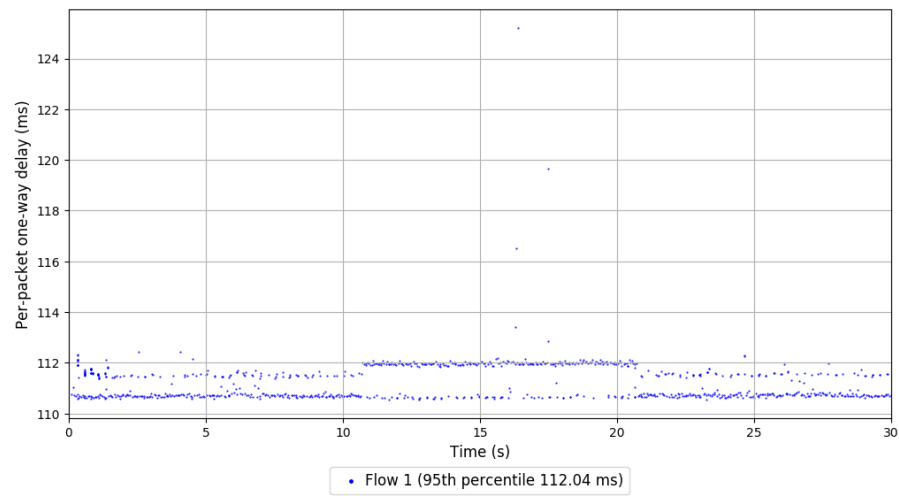
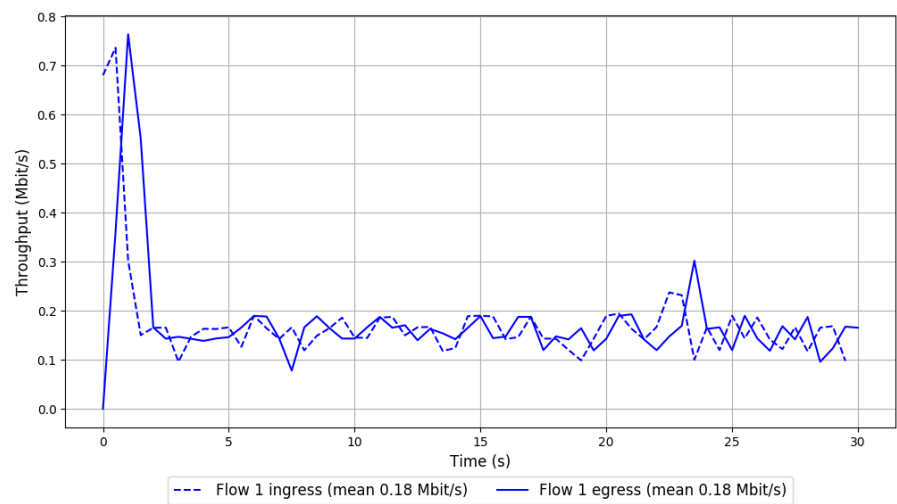


Run 9: Statistics of Sprout

Start at: 2018-07-24 08:51:35
End at: 2018-07-24 08:52:05
Local clock offset: -1.222 ms
Remote clock offset: -0.872 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 112.037 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 112.037 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

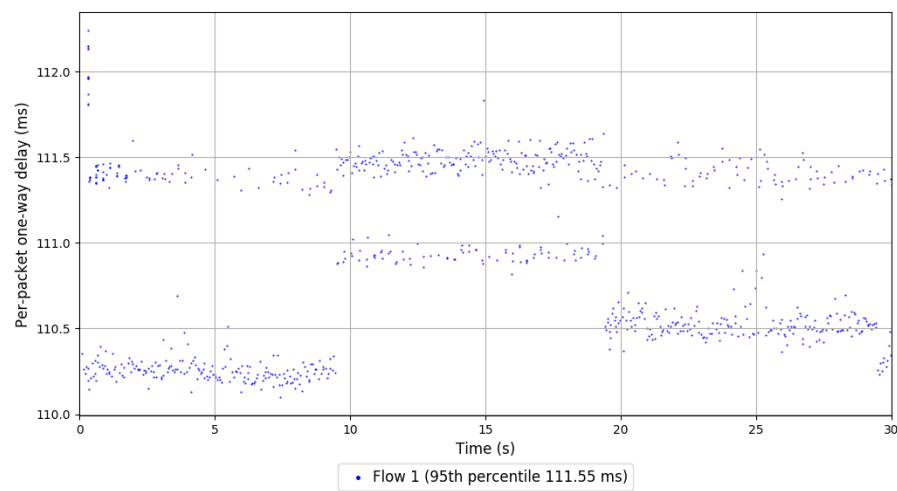
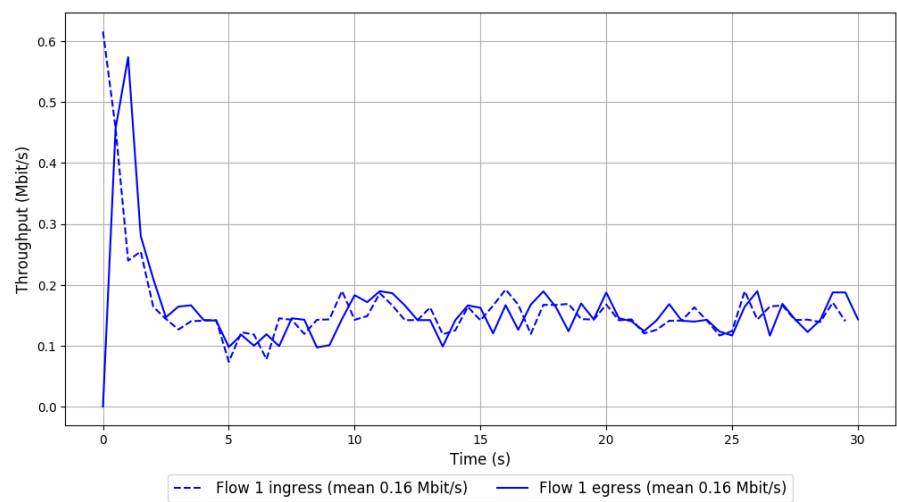


Run 10: Statistics of Sprout

Start at: 2018-07-24 09:13:47
End at: 2018-07-24 09:14:17
Local clock offset: -0.969 ms
Remote clock offset: -0.795 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 111.547 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 111.547 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

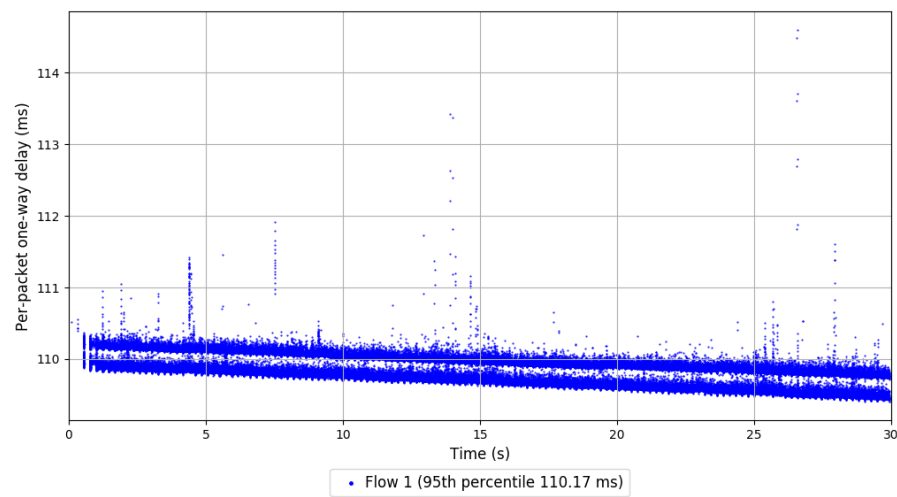
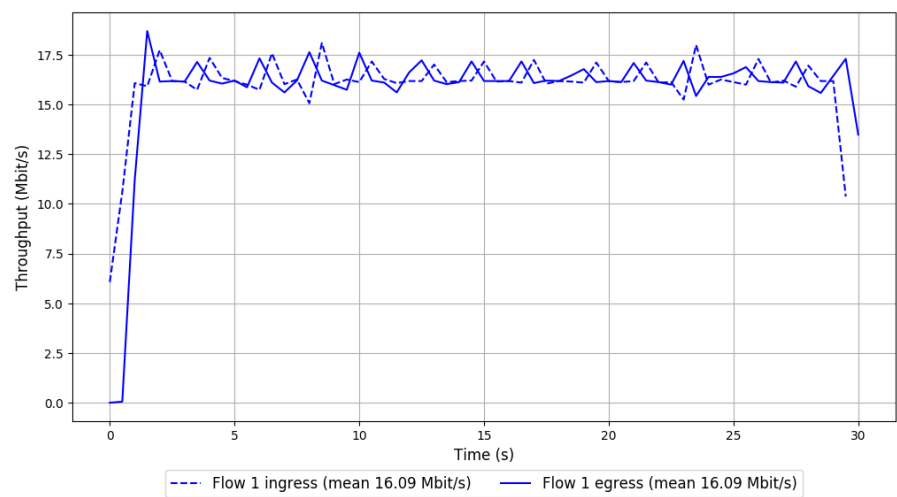


Run 1: Statistics of TaoVA-100x

Start at: 2018-07-24 05:42:56
End at: 2018-07-24 05:43:26
Local clock offset: -21.489 ms
Remote clock offset: -30.867 ms

Below is generated by plot.py at 2018-07-24 10:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.09 Mbit/s
95th percentile per-packet one-way delay: 110.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.09 Mbit/s
95th percentile per-packet one-way delay: 110.166 ms
Loss rate: 0.00%

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

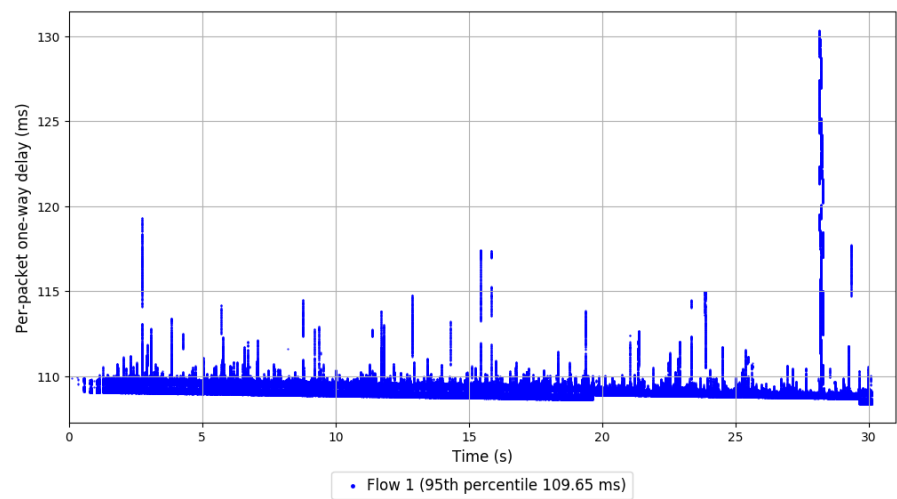
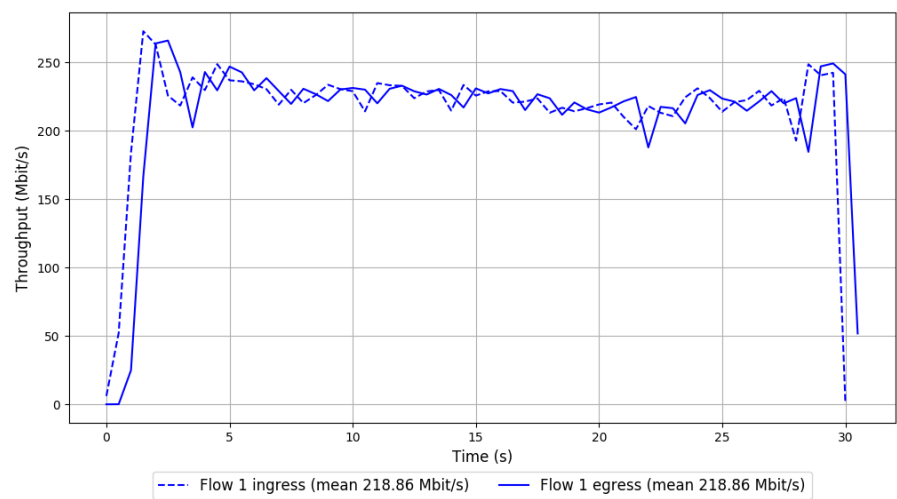


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-24 06:05:16
End at: 2018-07-24 06:05:46
Local clock offset: -44.451 ms
Remote clock offset: -25.601 ms

Below is generated by plot.py at 2018-07-24 10:40:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 218.86 Mbit/s
95th percentile per-packet one-way delay: 109.654 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 218.86 Mbit/s
95th percentile per-packet one-way delay: 109.654 ms
Loss rate: 0.00%

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

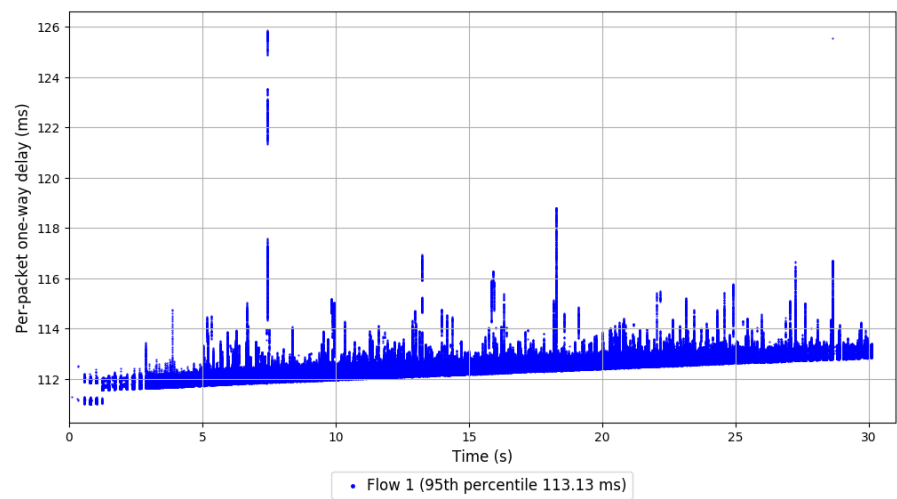
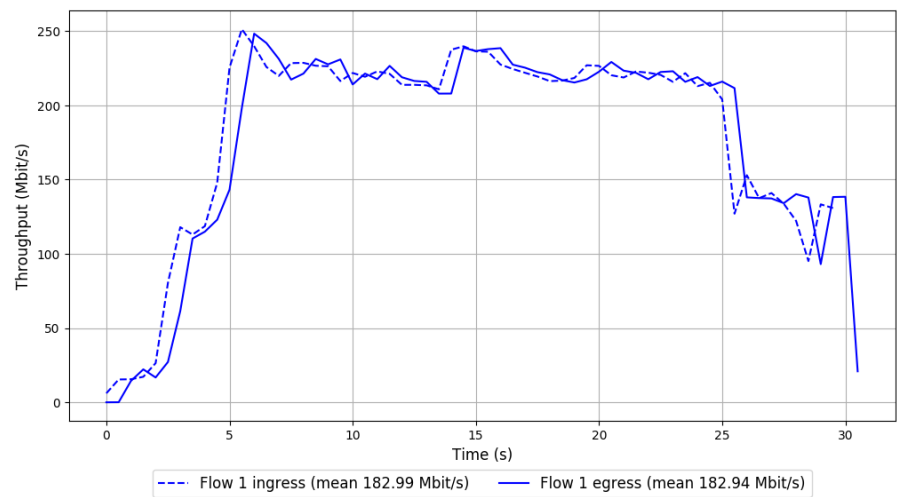


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-24 06:27:55
End at: 2018-07-24 06:28:25
Local clock offset: -28.817 ms
Remote clock offset: -34.89 ms

Below is generated by plot.py at 2018-07-24 10:40:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 182.94 Mbit/s
95th percentile per-packet one-way delay: 113.133 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 182.94 Mbit/s
95th percentile per-packet one-way delay: 113.133 ms
Loss rate: 0.02%

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

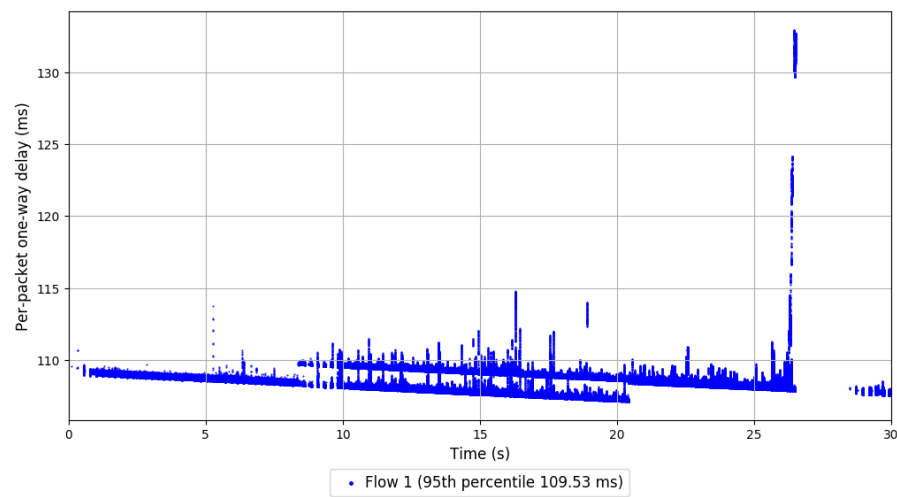
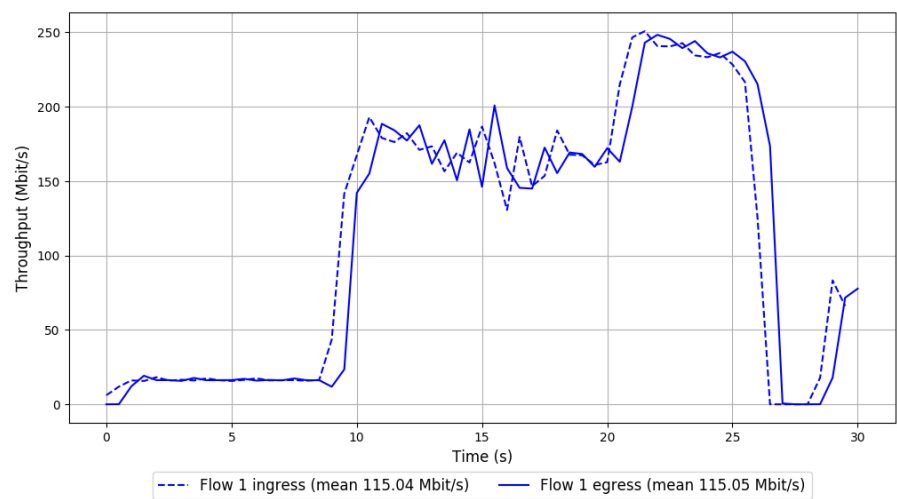


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-24 06:50:36
End at: 2018-07-24 06:51:06
Local clock offset: -31.713 ms
Remote clock offset: -49.938 ms

Below is generated by plot.py at 2018-07-24 10:40:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 115.05 Mbit/s
95th percentile per-packet one-way delay: 109.534 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 115.05 Mbit/s
95th percentile per-packet one-way delay: 109.534 ms
Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-07-24 07:13:24

End at: 2018-07-24 07:13:54

Local clock offset: -14.602 ms

Remote clock offset: -26.315 ms

Below is generated by plot.py at 2018-07-24 10:40:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.26 Mbit/s

95th percentile per-packet one-way delay: 112.681 ms

Loss rate: 0.00%

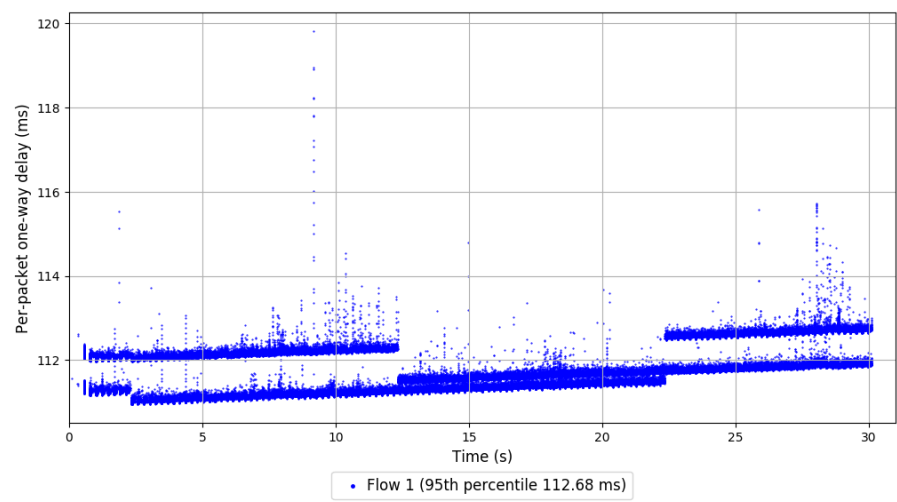
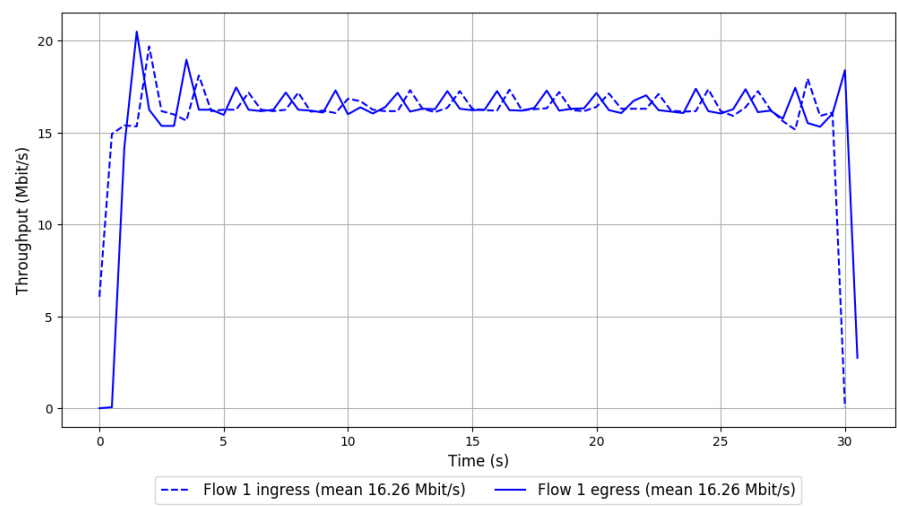
-- Flow 1:

Average throughput: 16.26 Mbit/s

95th percentile per-packet one-way delay: 112.681 ms

Loss rate: 0.00%

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

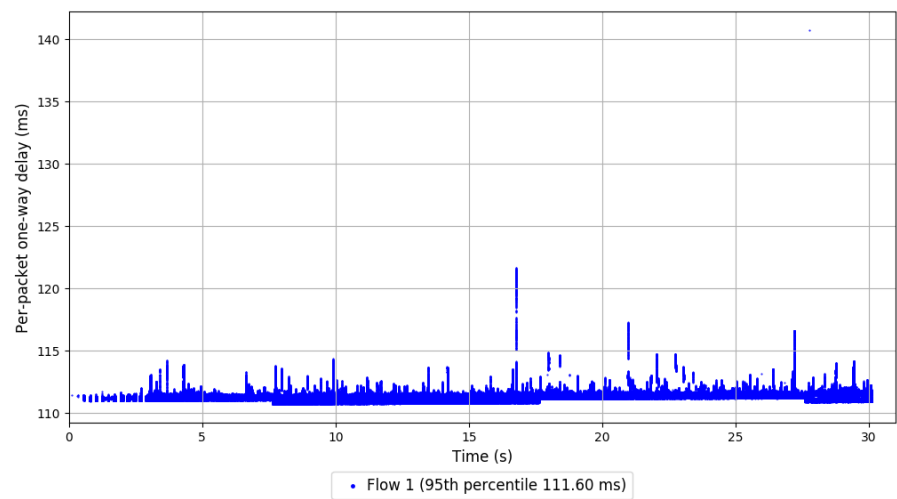
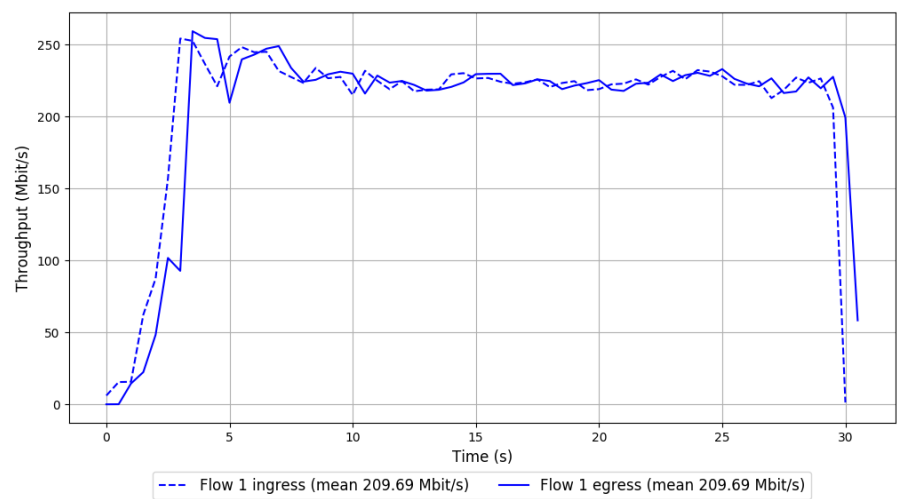


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-24 07:35:38
End at: 2018-07-24 07:36:08
Local clock offset: -10.833 ms
Remote clock offset: -9.9 ms

Below is generated by plot.py at 2018-07-24 10:41:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.69 Mbit/s
95th percentile per-packet one-way delay: 111.597 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 209.69 Mbit/s
95th percentile per-packet one-way delay: 111.597 ms
Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-07-24 07:58:16

End at: 2018-07-24 07:58:46

Local clock offset: -3.939 ms

Remote clock offset: -6.224 ms

Below is generated by plot.py at 2018-07-24 10:41:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 190.45 Mbit/s

95th percentile per-packet one-way delay: 111.420 ms

Loss rate: 0.02%

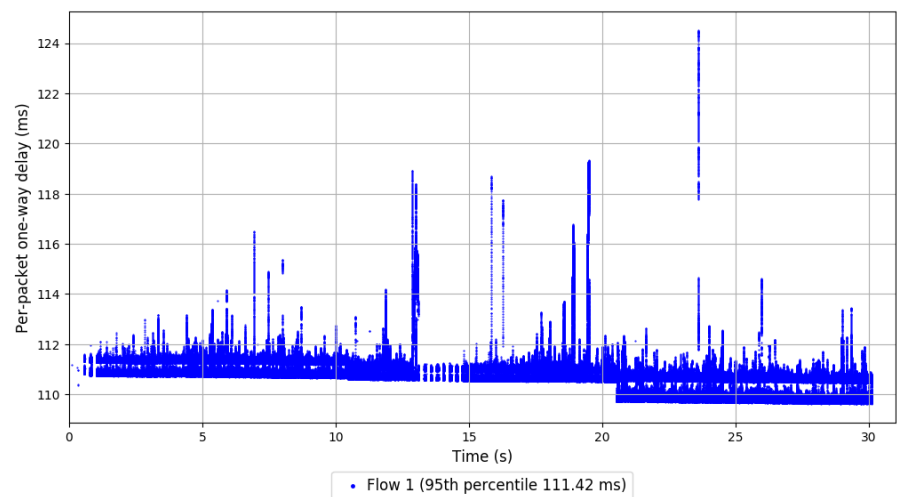
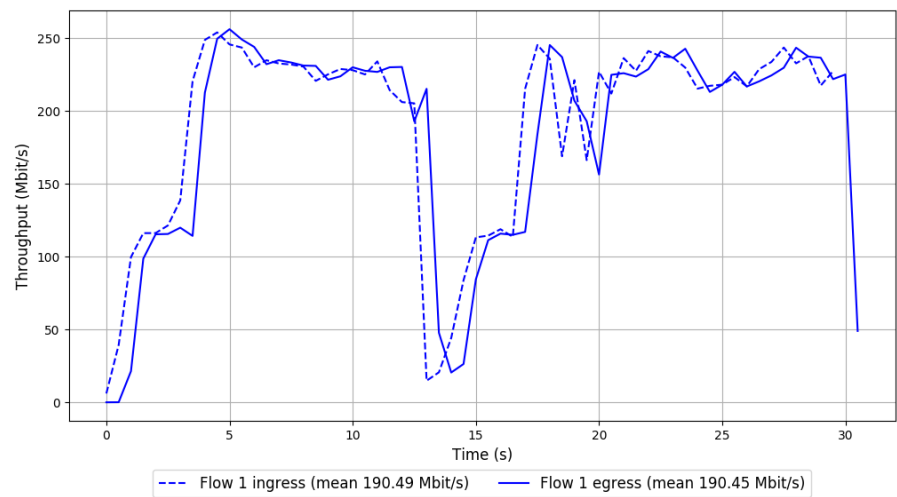
-- Flow 1:

Average throughput: 190.45 Mbit/s

95th percentile per-packet one-way delay: 111.420 ms

Loss rate: 0.02%

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

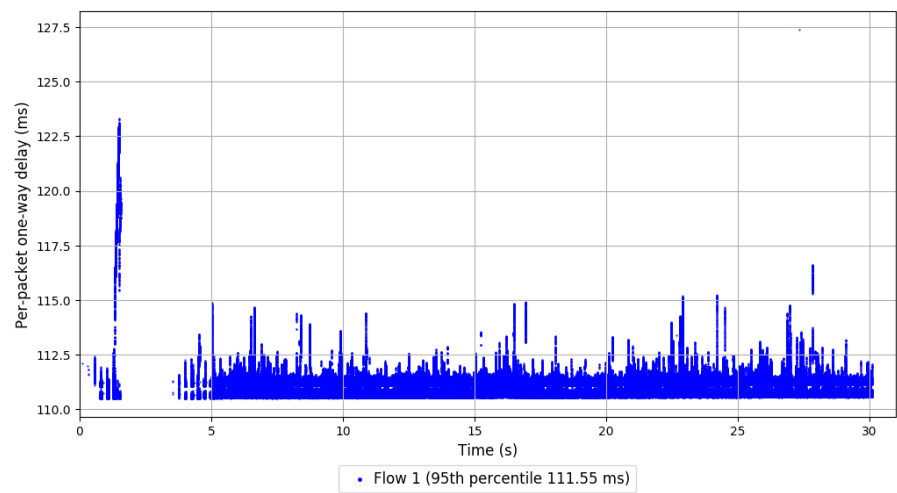
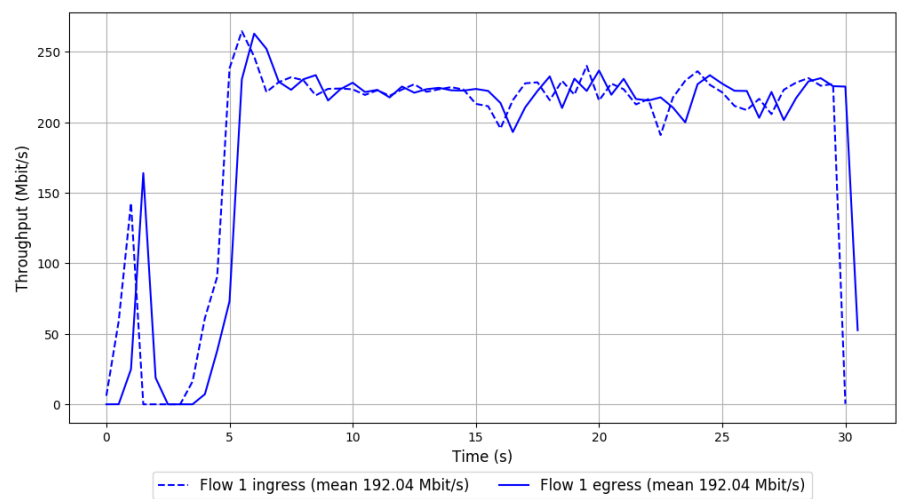


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-24 08:20:45
End at: 2018-07-24 08:21:16
Local clock offset: -2.146 ms
Remote clock offset: -2.654 ms

Below is generated by plot.py at 2018-07-24 10:41:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 192.04 Mbit/s
95th percentile per-packet one-way delay: 111.553 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 192.04 Mbit/s
95th percentile per-packet one-way delay: 111.553 ms
Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-07-24 08:42:37

End at: 2018-07-24 08:43:07

Local clock offset: -2.43 ms

Remote clock offset: -1.287 ms

Below is generated by plot.py at 2018-07-24 10:41:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 134.63 Mbit/s

95th percentile per-packet one-way delay: 111.423 ms

Loss rate: 0.00%

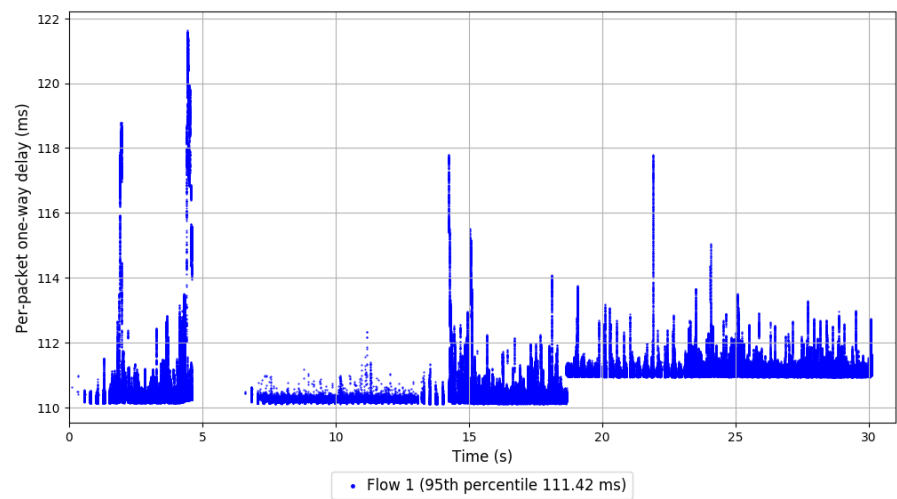
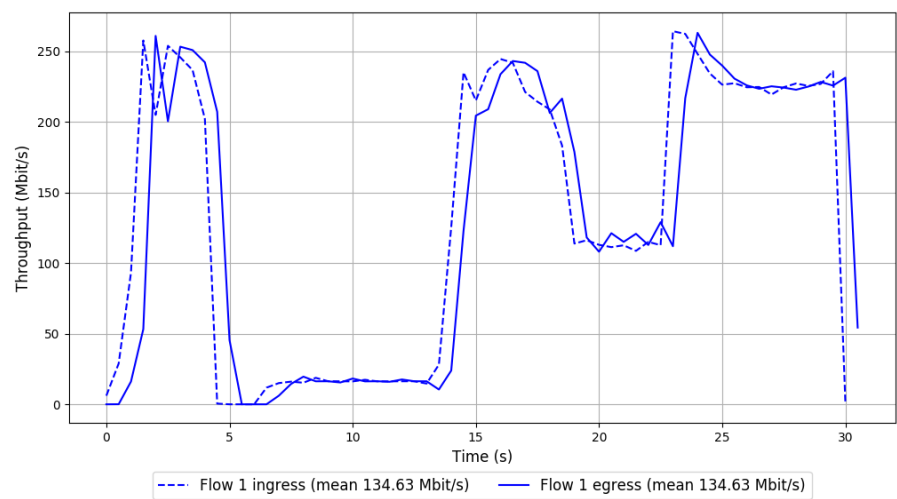
-- Flow 1:

Average throughput: 134.63 Mbit/s

95th percentile per-packet one-way delay: 111.423 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-24 09:04:51

End at: 2018-07-24 09:05:21

Local clock offset: -2.334 ms

Remote clock offset: -1.52 ms

Below is generated by plot.py at 2018-07-24 10:41:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.12 Mbit/s

95th percentile per-packet one-way delay: 112.873 ms

Loss rate: 0.00%

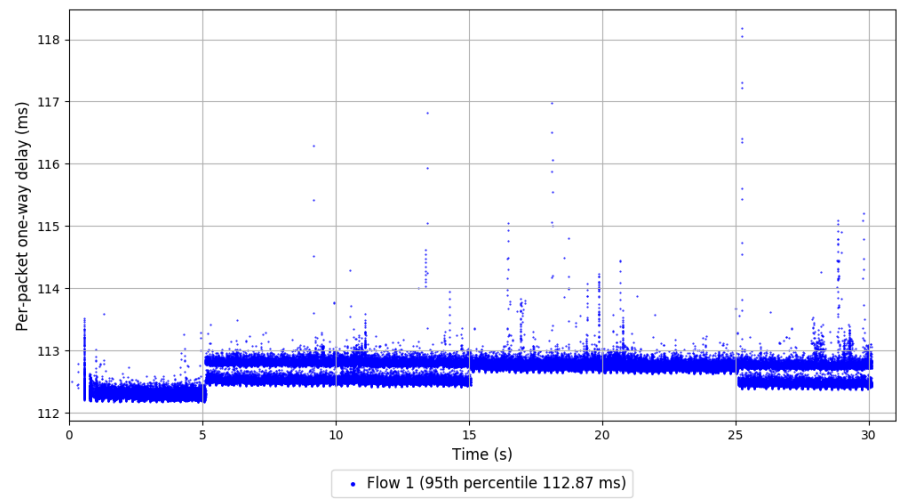
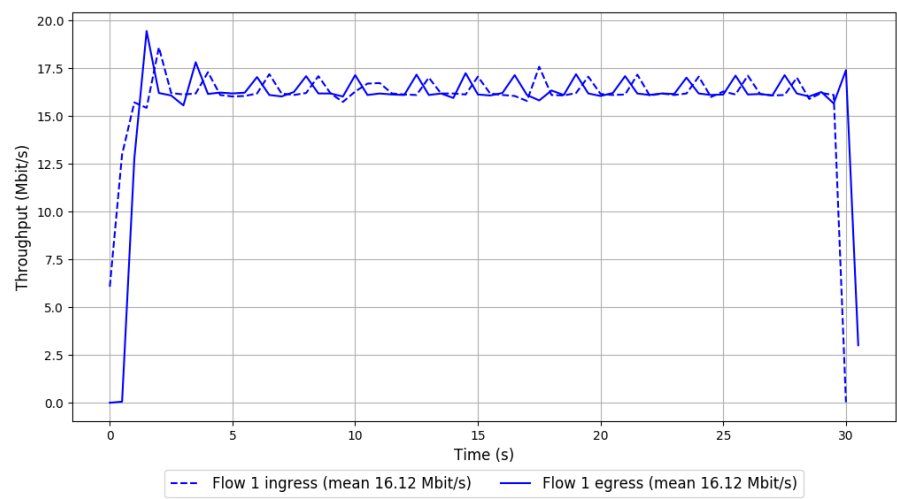
-- Flow 1:

Average throughput: 16.12 Mbit/s

95th percentile per-packet one-way delay: 112.873 ms

Loss rate: 0.00%

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

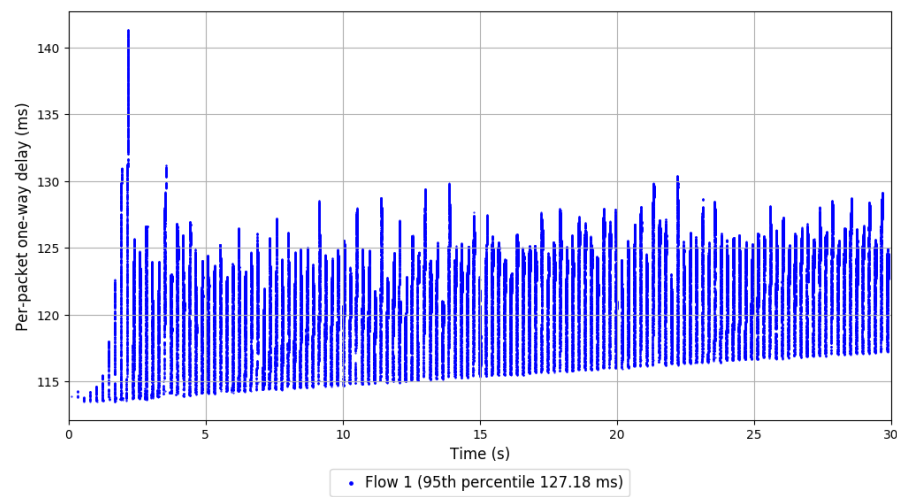
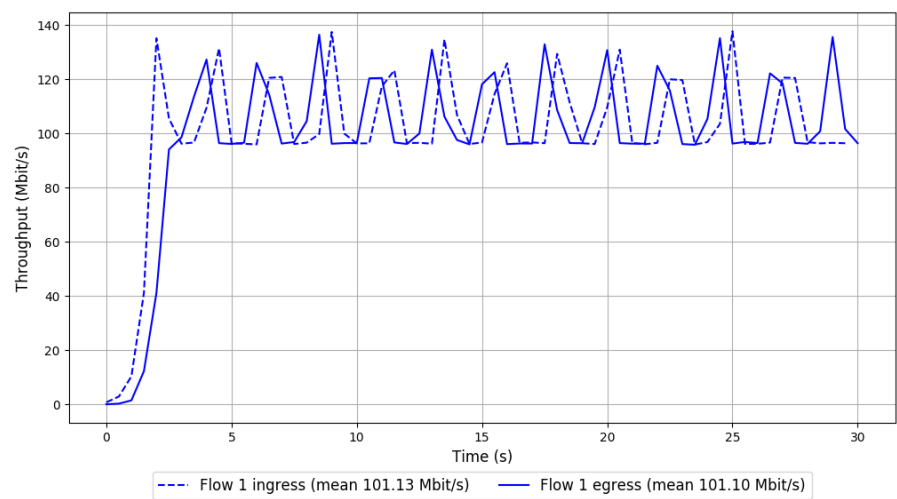


Run 1: Statistics of TCP Vegas

Start at: 2018-07-24 05:45:14
End at: 2018-07-24 05:45:44
Local clock offset: -23.487 ms
Remote clock offset: -40.885 ms

Below is generated by plot.py at 2018-07-24 10:41:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 101.10 Mbit/s
95th percentile per-packet one-way delay: 127.183 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 101.10 Mbit/s
95th percentile per-packet one-way delay: 127.183 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

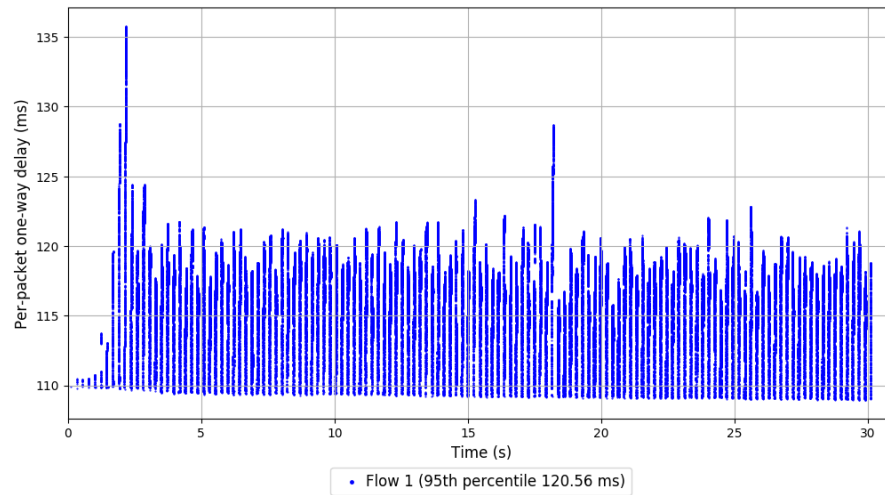
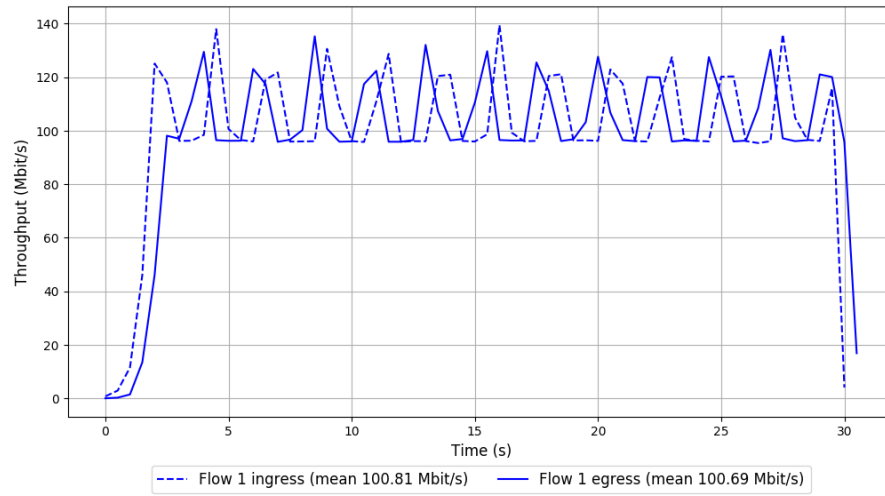


Run 2: Statistics of TCP Vegas

Start at: 2018-07-24 06:07:53
End at: 2018-07-24 06:08:23
Local clock offset: -52.754 ms
Remote clock offset: -30.191 ms

Below is generated by plot.py at 2018-07-24 10:41:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.69 Mbit/s
95th percentile per-packet one-way delay: 120.564 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 100.69 Mbit/s
95th percentile per-packet one-way delay: 120.564 ms
Loss rate: 0.12%

Run 2: Report of TCP Vegas — Data Link

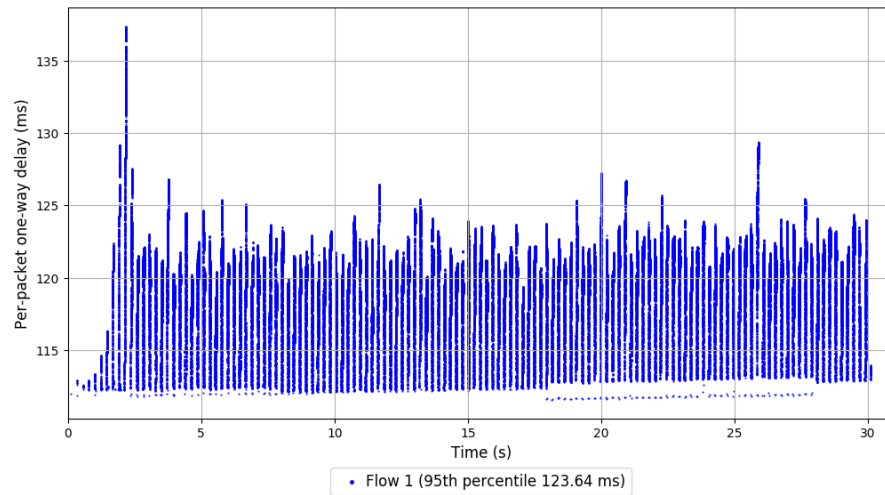
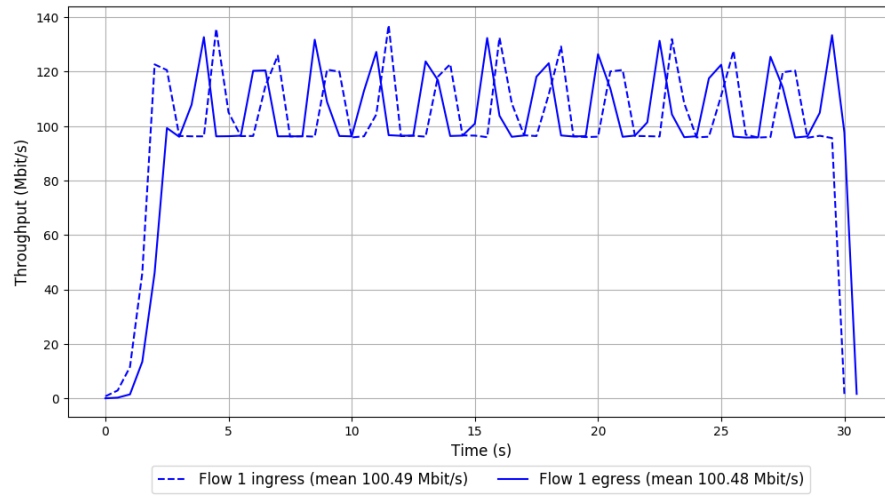


Run 3: Statistics of TCP Vegas

Start at: 2018-07-24 06:30:28
End at: 2018-07-24 06:30:58
Local clock offset: -24.432 ms
Remote clock offset: -36.597 ms

Below is generated by plot.py at 2018-07-24 10:41:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.48 Mbit/s
95th percentile per-packet one-way delay: 123.638 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.48 Mbit/s
95th percentile per-packet one-way delay: 123.638 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

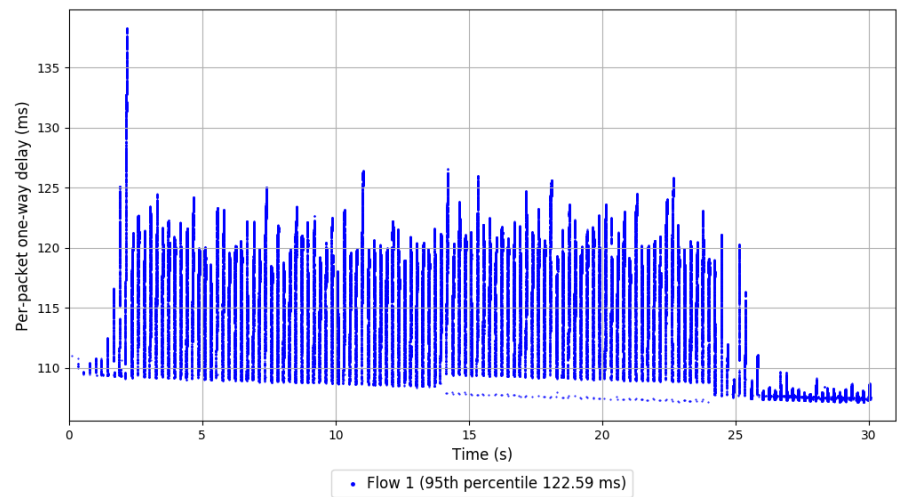
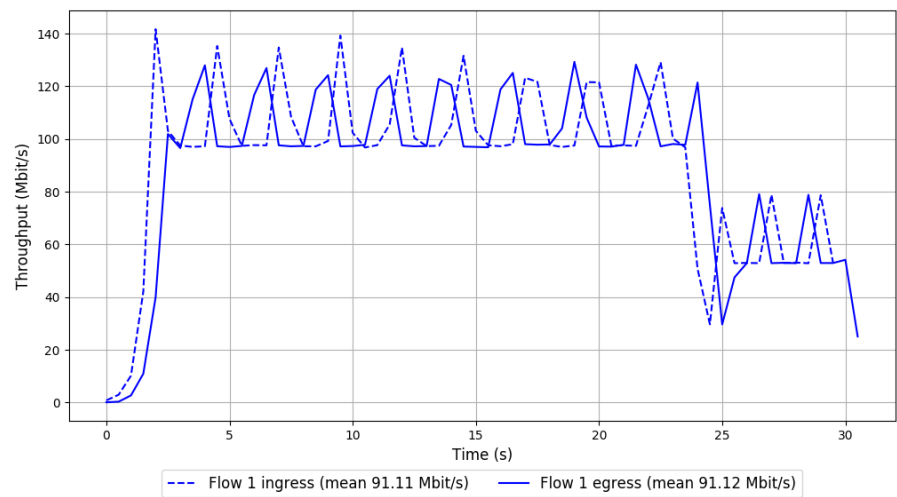


Run 4: Statistics of TCP Vegas

Start at: 2018-07-24 06:53:02
End at: 2018-07-24 06:53:32
Local clock offset: -34.41 ms
Remote clock offset: -40.344 ms

Below is generated by plot.py at 2018-07-24 10:41:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.12 Mbit/s
95th percentile per-packet one-way delay: 122.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.12 Mbit/s
95th percentile per-packet one-way delay: 122.591 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

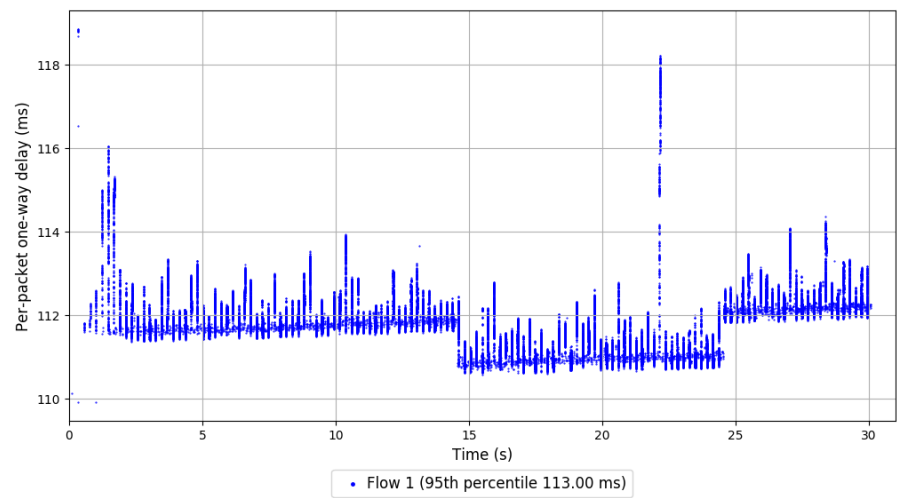
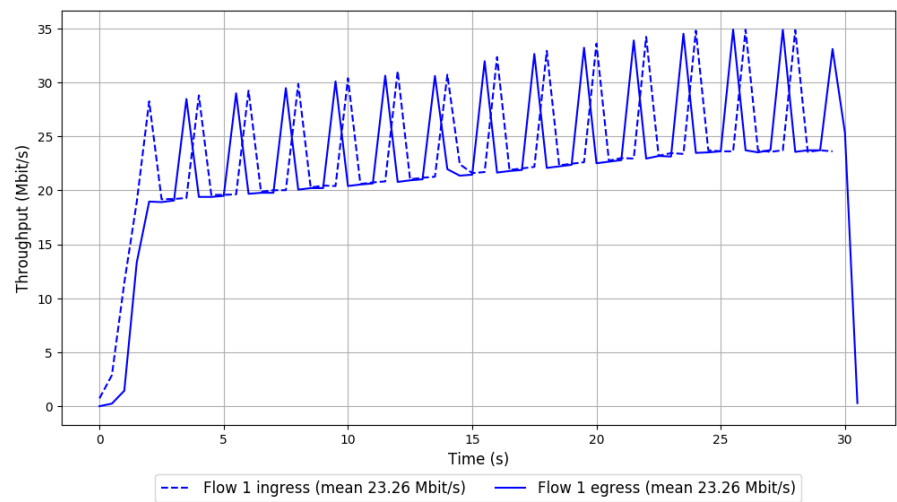


Run 5: Statistics of TCP Vegas

Start at: 2018-07-24 07:15:41
End at: 2018-07-24 07:16:11
Local clock offset: -12.648 ms
Remote clock offset: -28.038 ms

Below is generated by plot.py at 2018-07-24 10:41:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.26 Mbit/s
95th percentile per-packet one-way delay: 112.995 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.26 Mbit/s
95th percentile per-packet one-way delay: 112.995 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

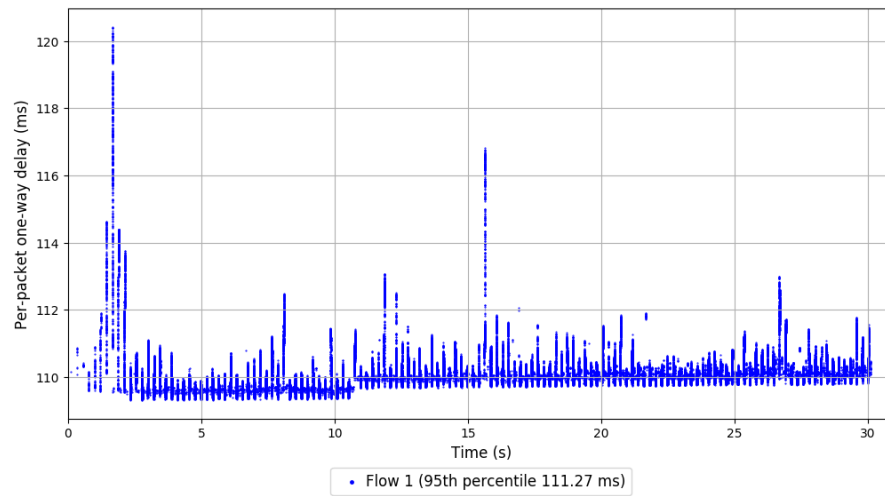
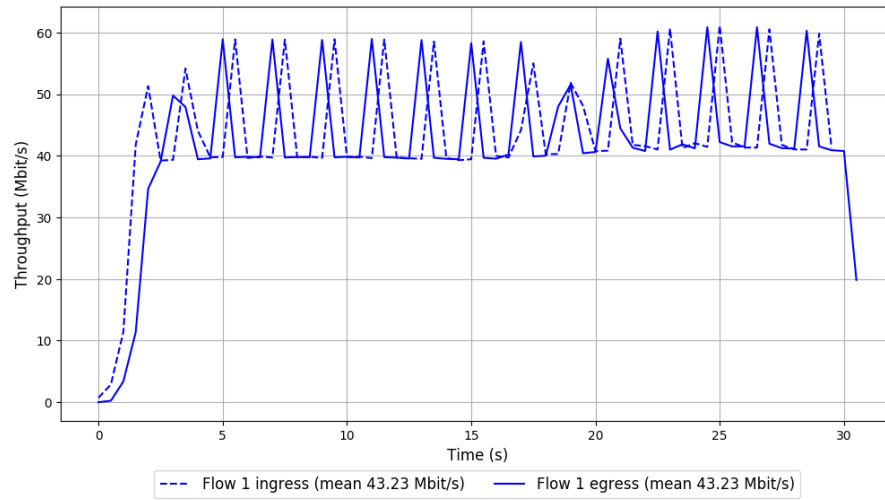


Run 6: Statistics of TCP Vegas

Start at: 2018-07-24 07:38:15
End at: 2018-07-24 07:38:45
Local clock offset: -7.02 ms
Remote clock offset: -8.655 ms

Below is generated by plot.py at 2018-07-24 10:41:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.23 Mbit/s
95th percentile per-packet one-way delay: 111.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.23 Mbit/s
95th percentile per-packet one-way delay: 111.265 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

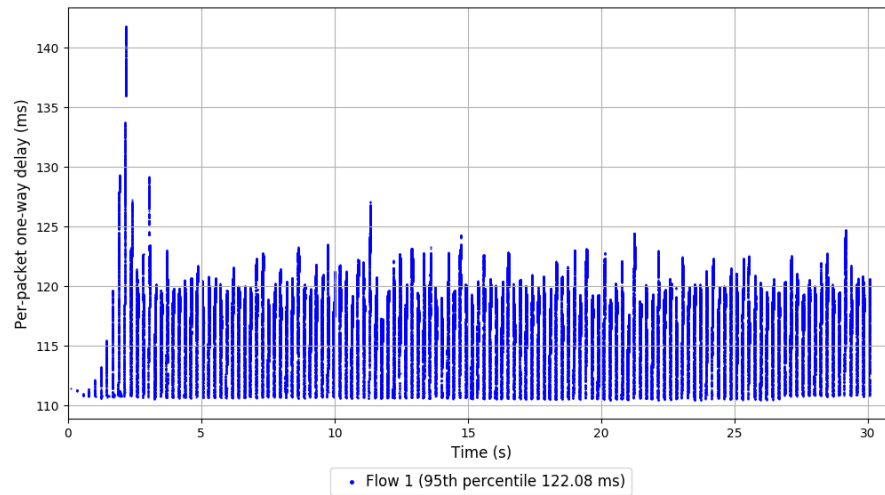
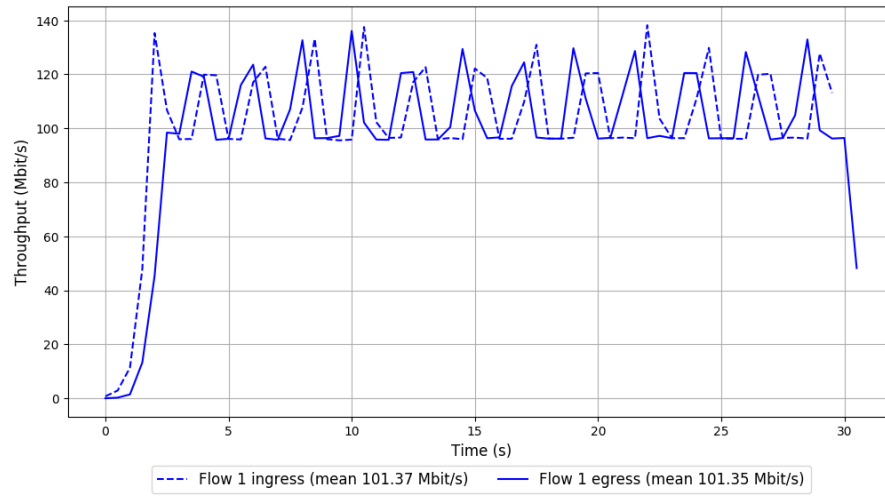


Run 7: Statistics of TCP Vegas

Start at: 2018-07-24 08:00:49
End at: 2018-07-24 08:01:19
Local clock offset: -3.84 ms
Remote clock offset: -4.943 ms

Below is generated by plot.py at 2018-07-24 10:42:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 101.35 Mbit/s
95th percentile per-packet one-way delay: 122.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 101.35 Mbit/s
95th percentile per-packet one-way delay: 122.083 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

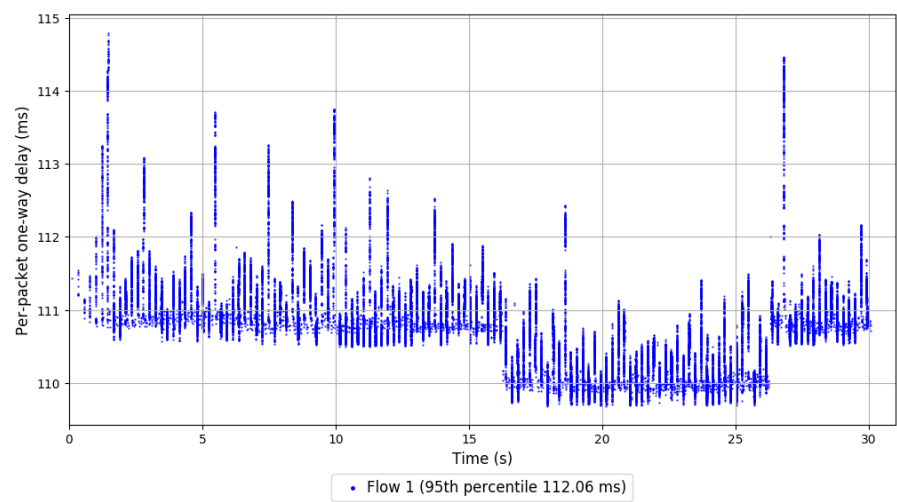
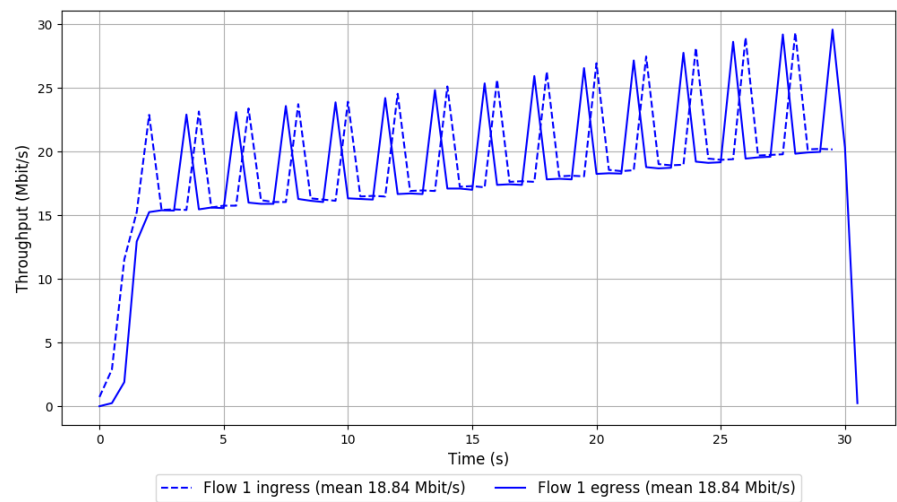


Run 8: Statistics of TCP Vegas

Start at: 2018-07-24 08:23:20
End at: 2018-07-24 08:23:50
Local clock offset: -1.904 ms
Remote clock offset: -3.193 ms

Below is generated by plot.py at 2018-07-24 10:42:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 112.059 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 112.059 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-07-24 08:45:06

End at: 2018-07-24 08:45:36

Local clock offset: -3.33 ms

Remote clock offset: -1.63 ms

Below is generated by plot.py at 2018-07-24 10:42:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 101.11 Mbit/s

95th percentile per-packet one-way delay: 123.437 ms

Loss rate: 0.00%

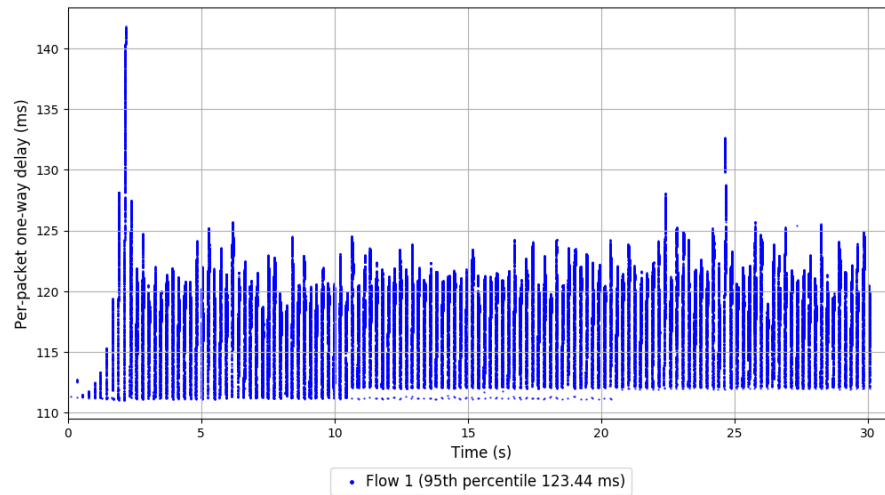
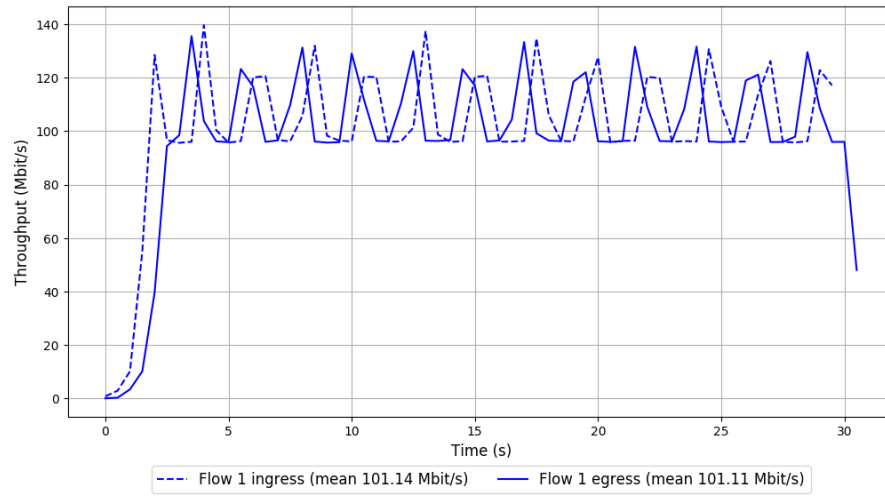
-- Flow 1:

Average throughput: 101.11 Mbit/s

95th percentile per-packet one-way delay: 123.437 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

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

End at: 2018-07-24 09:07:39

Local clock offset: -2.31 ms

Remote clock offset: -1.231 ms

Below is generated by plot.py at 2018-07-24 10:42:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 102.93 Mbit/s

95th percentile per-packet one-way delay: 125.578 ms

Loss rate: 0.00%

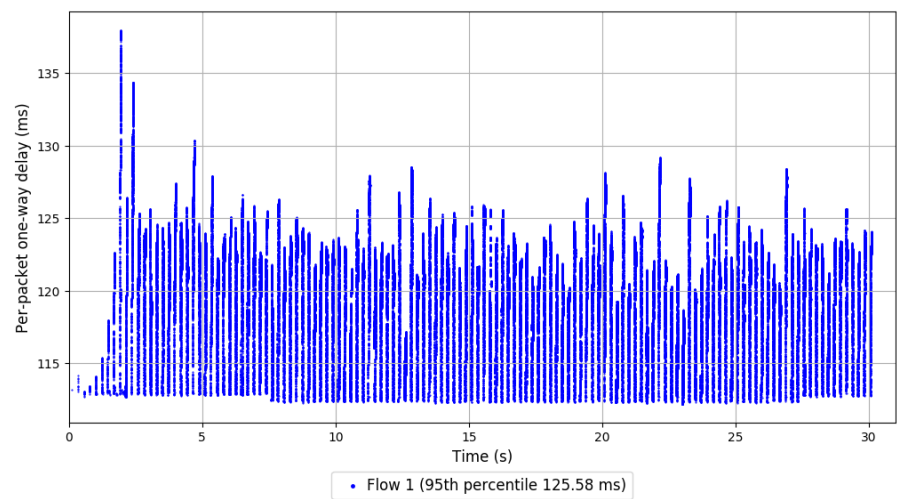
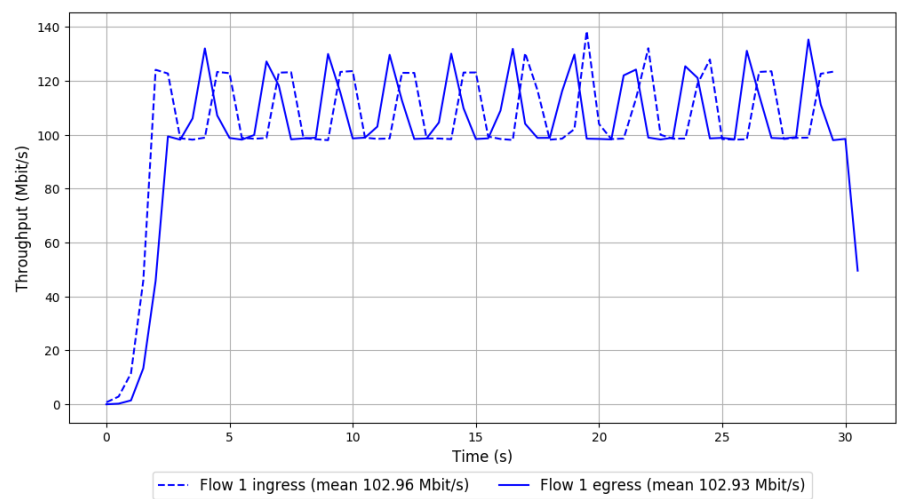
-- Flow 1:

Average throughput: 102.93 Mbit/s

95th percentile per-packet one-way delay: 125.578 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

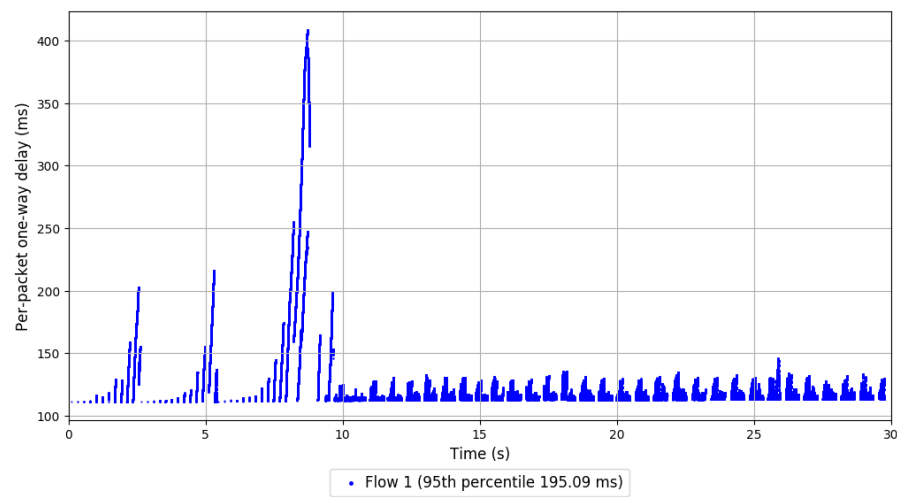
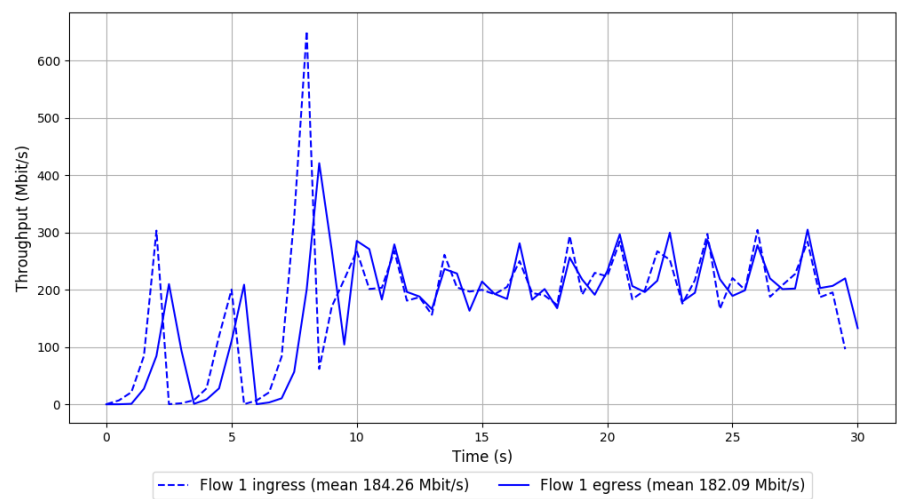


Run 1: Statistics of Verus

Start at: 2018-07-24 05:46:28
End at: 2018-07-24 05:46:58
Local clock offset: -20.277 ms
Remote clock offset: -48.317 ms

Below is generated by plot.py at 2018-07-24 10:44:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 182.09 Mbit/s
95th percentile per-packet one-way delay: 195.087 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 182.09 Mbit/s
95th percentile per-packet one-way delay: 195.087 ms
Loss rate: 1.17%

Run 1: Report of Verus — Data Link

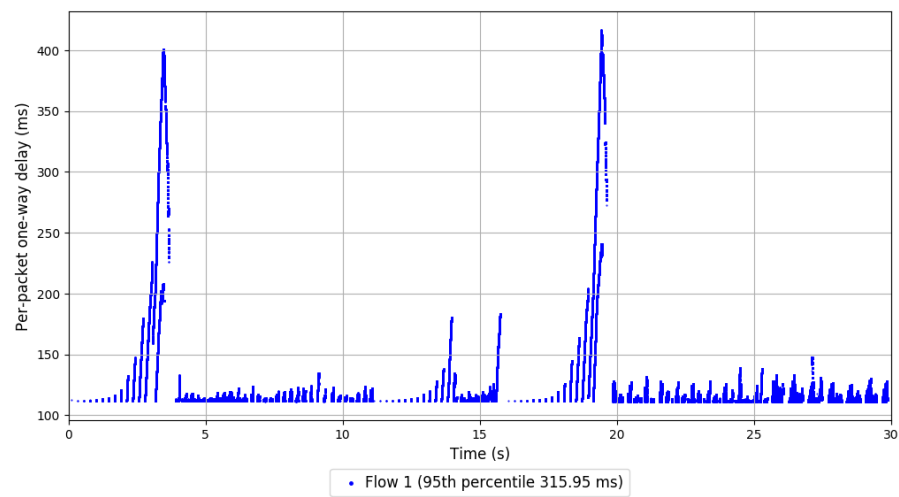
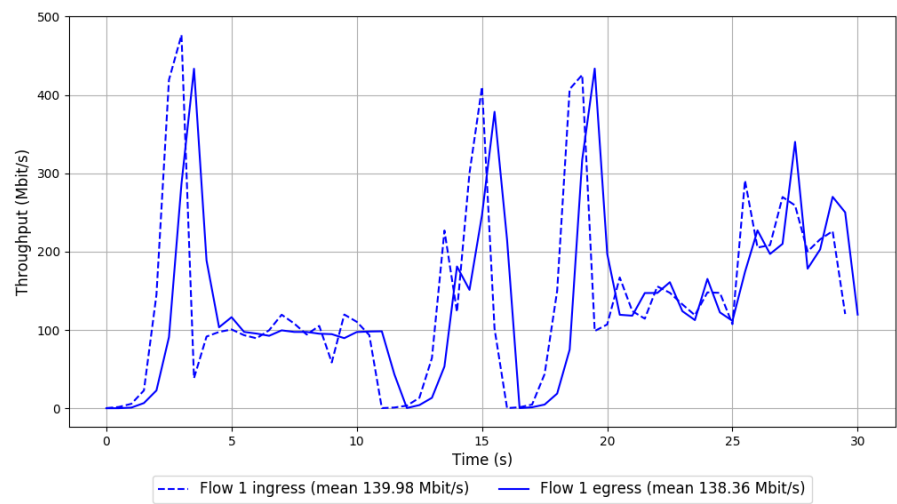


Run 2: Statistics of Verus

Start at: 2018-07-24 06:09:06
End at: 2018-07-24 06:09:36
Local clock offset: -58.534 ms
Remote clock offset: -32.324 ms

Below is generated by plot.py at 2018-07-24 10:44:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 138.36 Mbit/s
95th percentile per-packet one-way delay: 315.948 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 138.36 Mbit/s
95th percentile per-packet one-way delay: 315.948 ms
Loss rate: 1.16%

Run 2: Report of Verus — Data Link

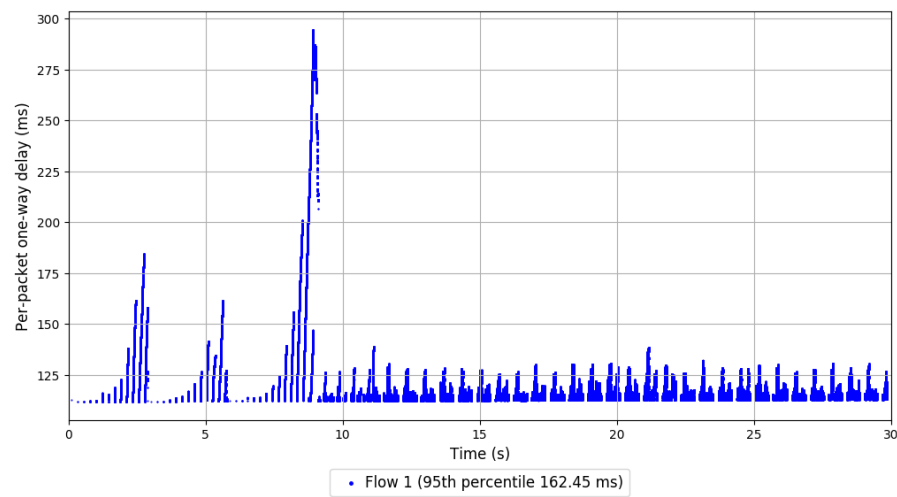
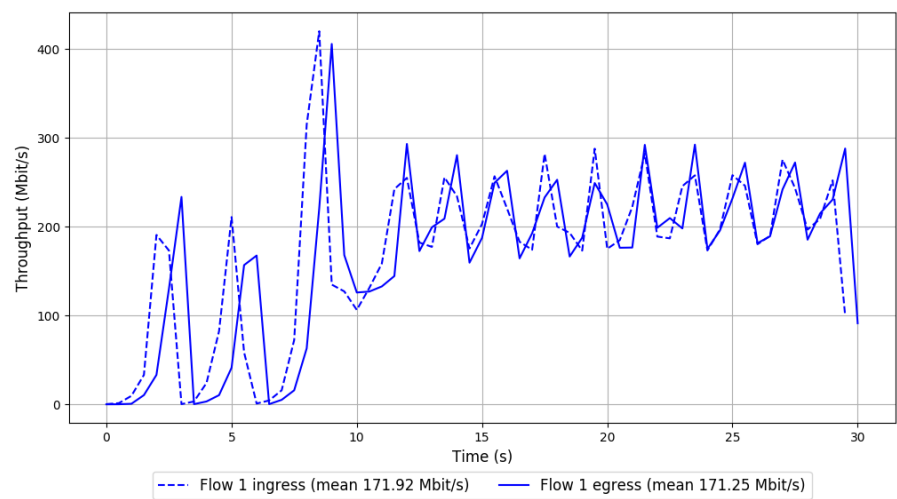


Run 3: Statistics of Verus

Start at: 2018-07-24 06:31:42
End at: 2018-07-24 06:32:12
Local clock offset: -23.723 ms
Remote clock offset: -38.371 ms

Below is generated by plot.py at 2018-07-24 10:44:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 171.25 Mbit/s
95th percentile per-packet one-way delay: 162.449 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 171.25 Mbit/s
95th percentile per-packet one-way delay: 162.449 ms
Loss rate: 0.38%

Run 3: Report of Verus — Data Link

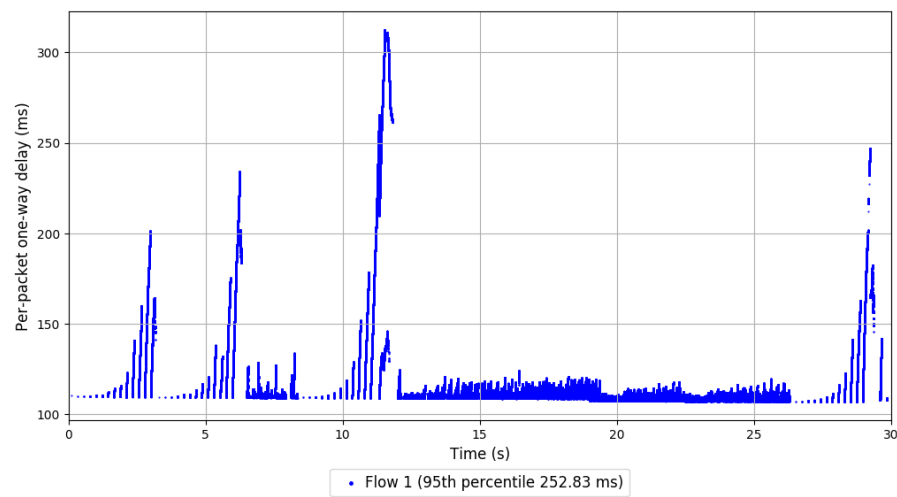
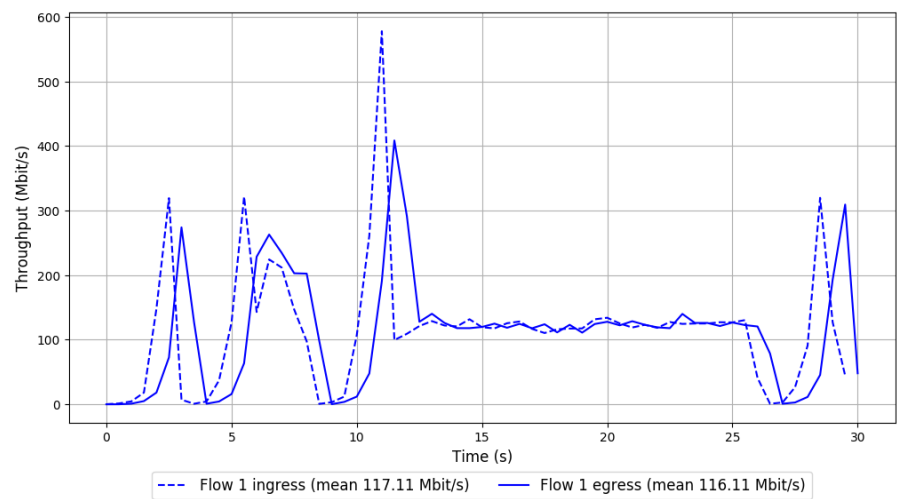


Run 4: Statistics of Verus

Start at: 2018-07-24 06:54:17
End at: 2018-07-24 06:54:47
Local clock offset: -35.87 ms
Remote clock offset: -37.487 ms

Below is generated by plot.py at 2018-07-24 10:44:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 116.11 Mbit/s
95th percentile per-packet one-way delay: 252.827 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 116.11 Mbit/s
95th percentile per-packet one-way delay: 252.827 ms
Loss rate: 0.86%

Run 4: Report of Verus — Data Link

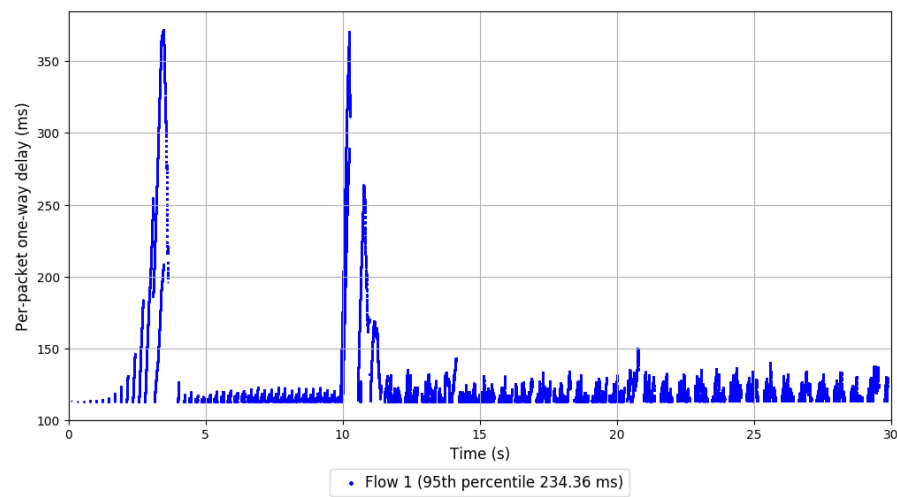
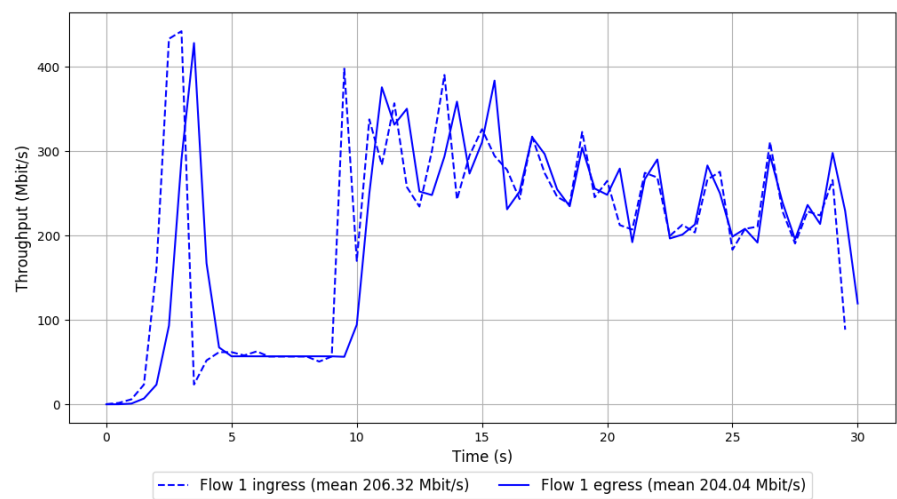


Run 5: Statistics of Verus

Start at: 2018-07-24 07:16:51
End at: 2018-07-24 07:17:21
Local clock offset: -13.191 ms
Remote clock offset: -28.4 ms

Below is generated by plot.py at 2018-07-24 10:44:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 204.04 Mbit/s
95th percentile per-packet one-way delay: 234.361 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 204.04 Mbit/s
95th percentile per-packet one-way delay: 234.361 ms
Loss rate: 1.10%

Run 5: Report of Verus — Data Link

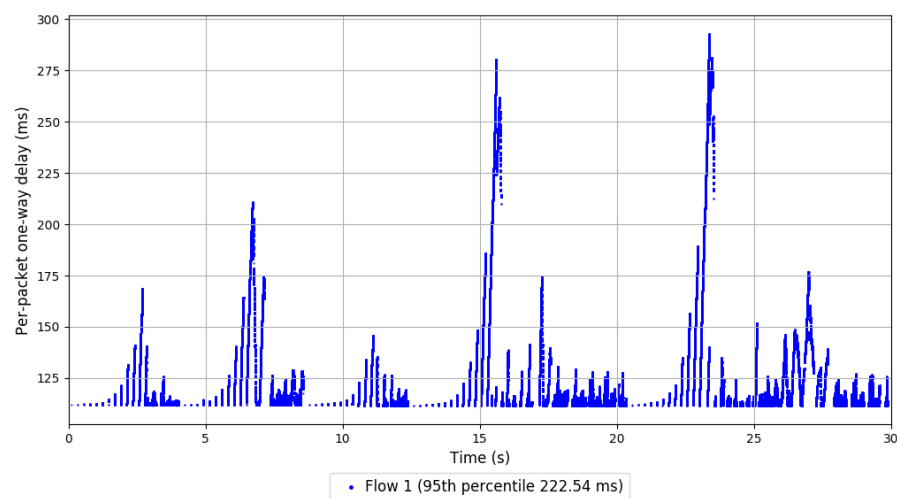
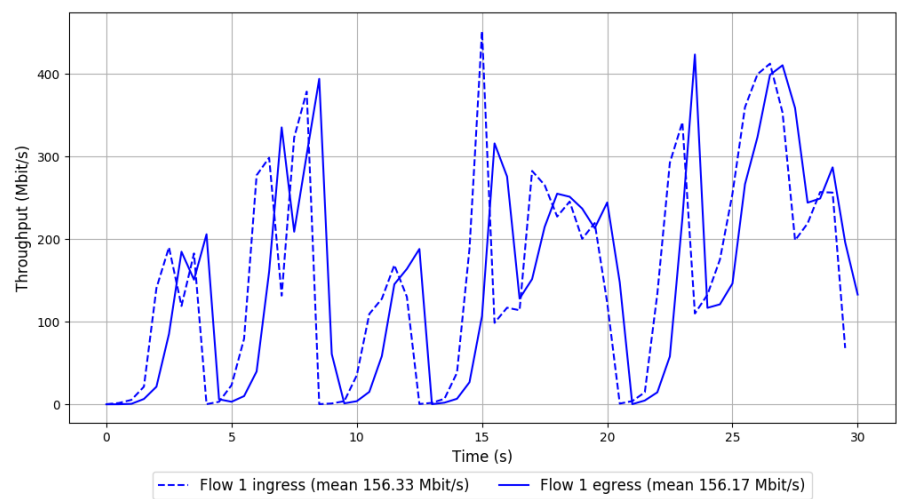


Run 6: Statistics of Verus

Start at: 2018-07-24 07:39:26
End at: 2018-07-24 07:39:56
Local clock offset: -7.409 ms
Remote clock offset: -7.549 ms

Below is generated by plot.py at 2018-07-24 10:44:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 156.17 Mbit/s
95th percentile per-packet one-way delay: 222.536 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 156.17 Mbit/s
95th percentile per-packet one-way delay: 222.536 ms
Loss rate: 0.10%

Run 6: Report of Verus — Data Link

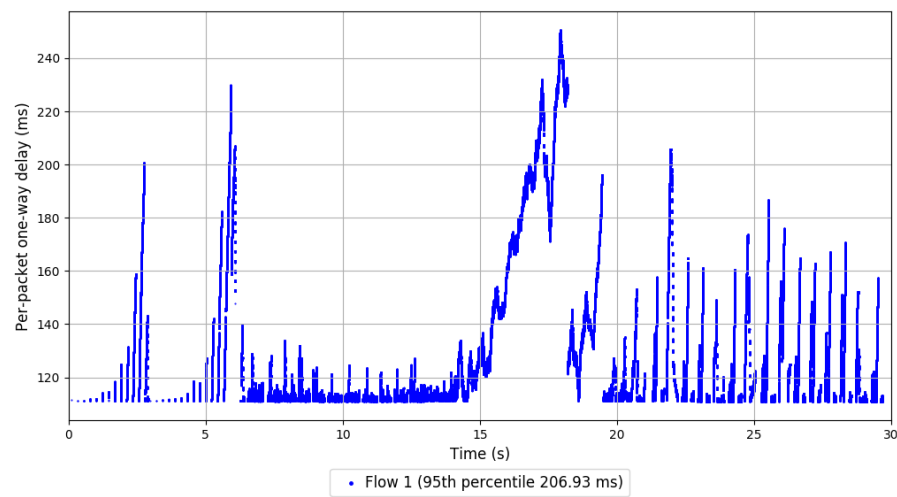
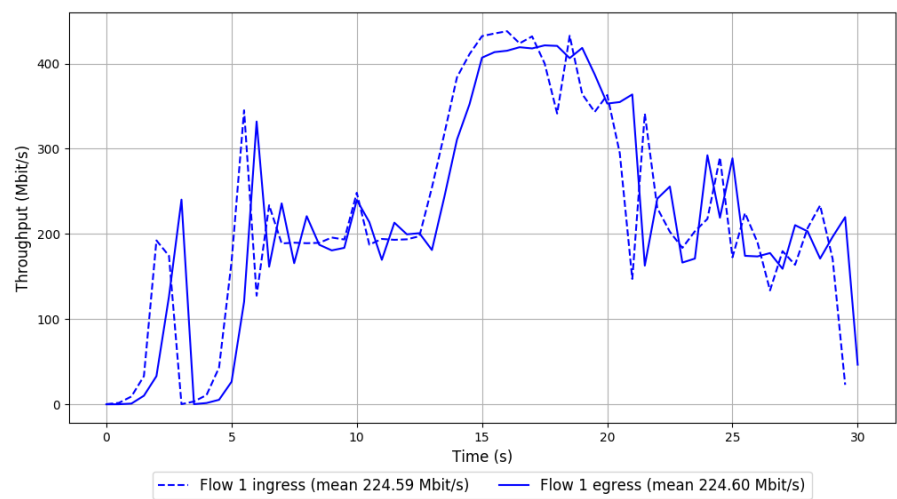


Run 7: Statistics of Verus

Start at: 2018-07-24 08:02:03
End at: 2018-07-24 08:02:33
Local clock offset: -4.074 ms
Remote clock offset: -4.074 ms

Below is generated by plot.py at 2018-07-24 10:46:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 224.60 Mbit/s
95th percentile per-packet one-way delay: 206.930 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 224.60 Mbit/s
95th percentile per-packet one-way delay: 206.930 ms
Loss rate: 0.00%

Run 7: Report of Verus — Data Link

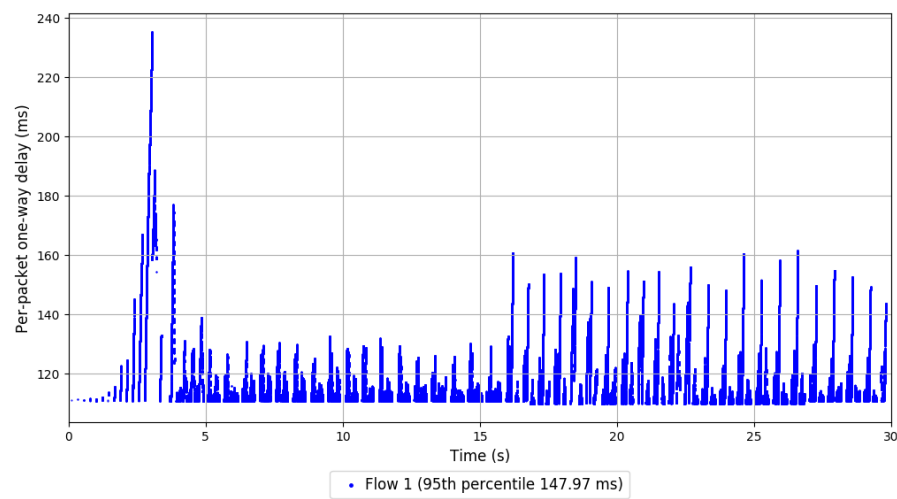
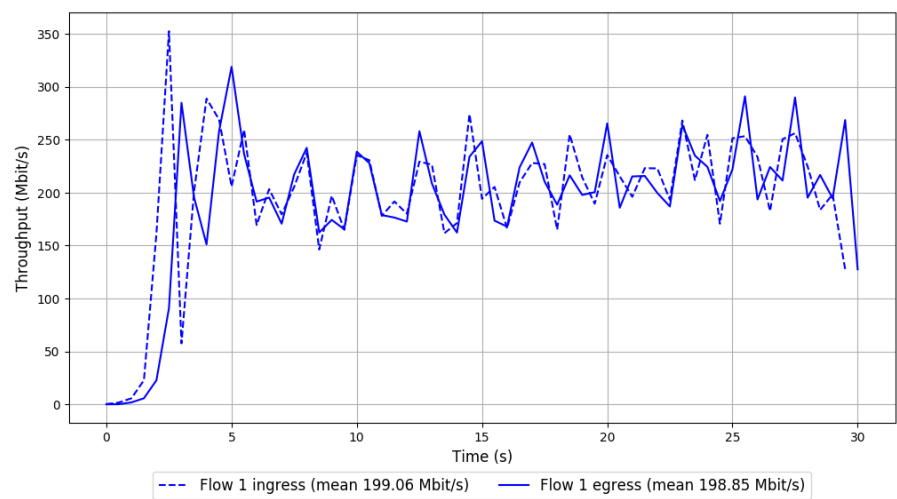


Run 8: Statistics of Verus

Start at: 2018-07-24 08:24:29
End at: 2018-07-24 08:24:59
Local clock offset: -1.928 ms
Remote clock offset: -3.266 ms

Below is generated by plot.py at 2018-07-24 10:46:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 198.85 Mbit/s
95th percentile per-packet one-way delay: 147.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.85 Mbit/s
95th percentile per-packet one-way delay: 147.965 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link

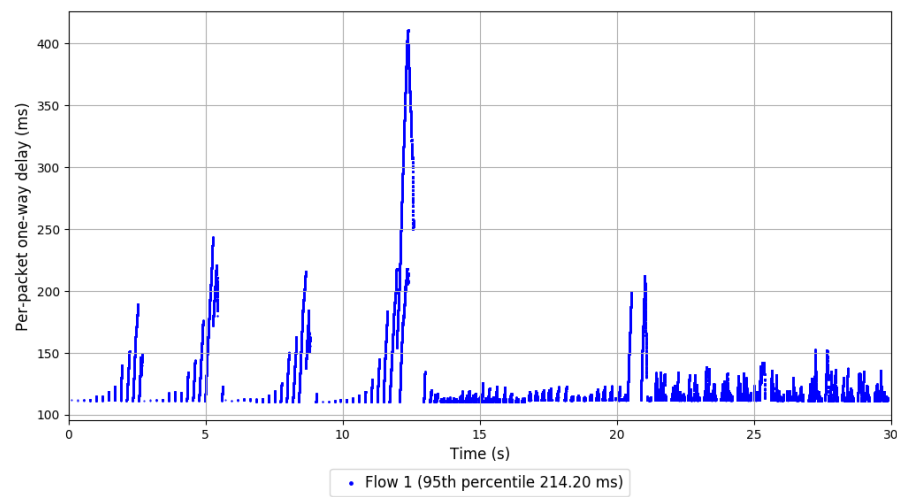
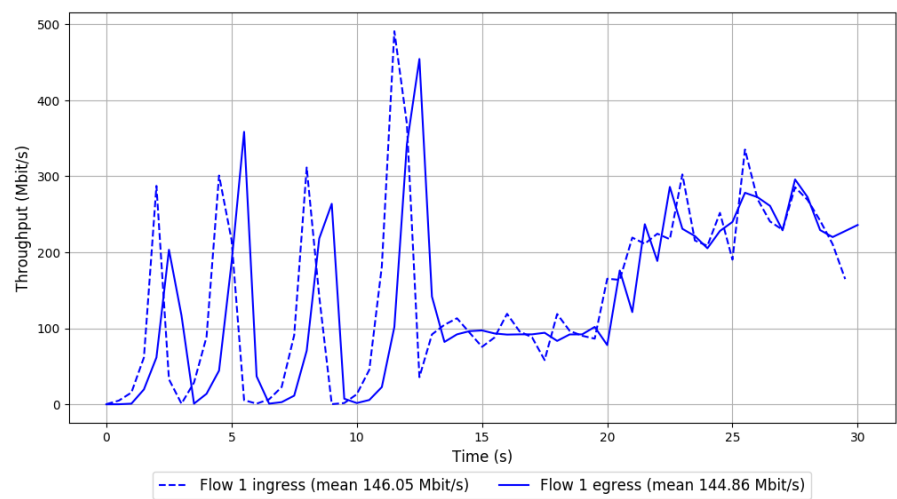


Run 9: Statistics of Verus

Start at: 2018-07-24 08:46:19
End at: 2018-07-24 08:46:49
Local clock offset: -1.703 ms
Remote clock offset: -0.847 ms

Below is generated by plot.py at 2018-07-24 10:46:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 144.86 Mbit/s
95th percentile per-packet one-way delay: 214.203 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 144.86 Mbit/s
95th percentile per-packet one-way delay: 214.203 ms
Loss rate: 0.81%

Run 9: Report of Verus — Data Link

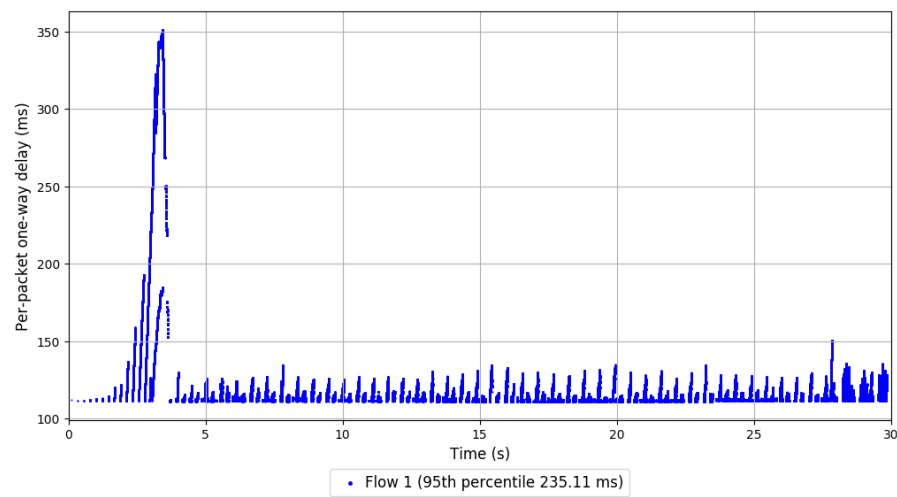
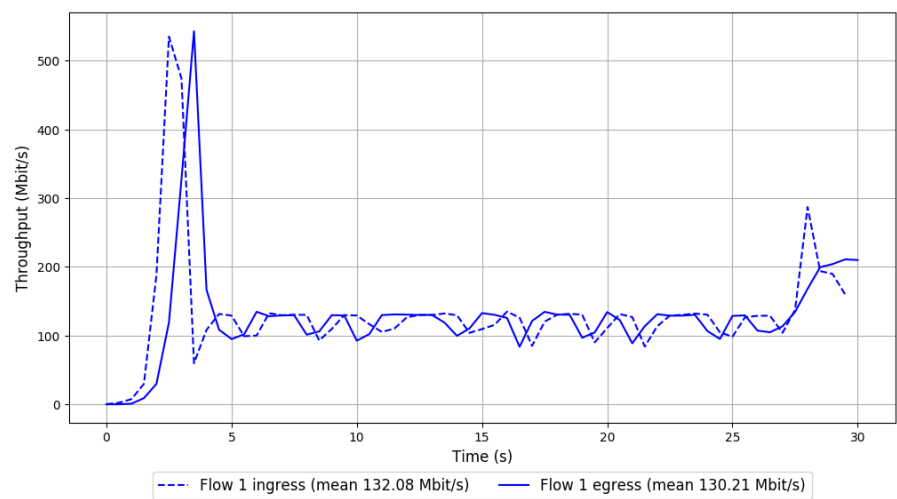


Run 10: Statistics of Verus

Start at: 2018-07-24 09:08:22
End at: 2018-07-24 09:08:52
Local clock offset: -1.049 ms
Remote clock offset: -1.143 ms

Below is generated by plot.py at 2018-07-24 10:46:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 130.21 Mbit/s
95th percentile per-packet one-way delay: 235.108 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 130.21 Mbit/s
95th percentile per-packet one-way delay: 235.108 ms
Loss rate: 1.41%

Run 10: Report of Verus — Data Link

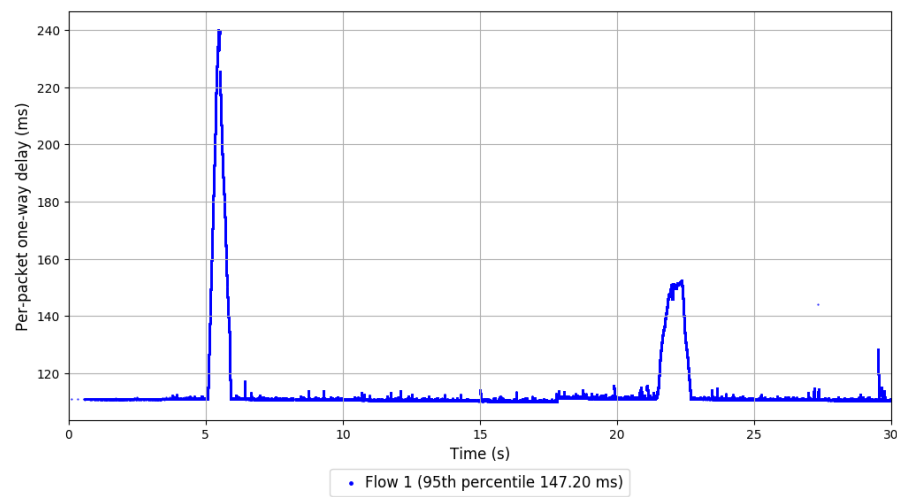
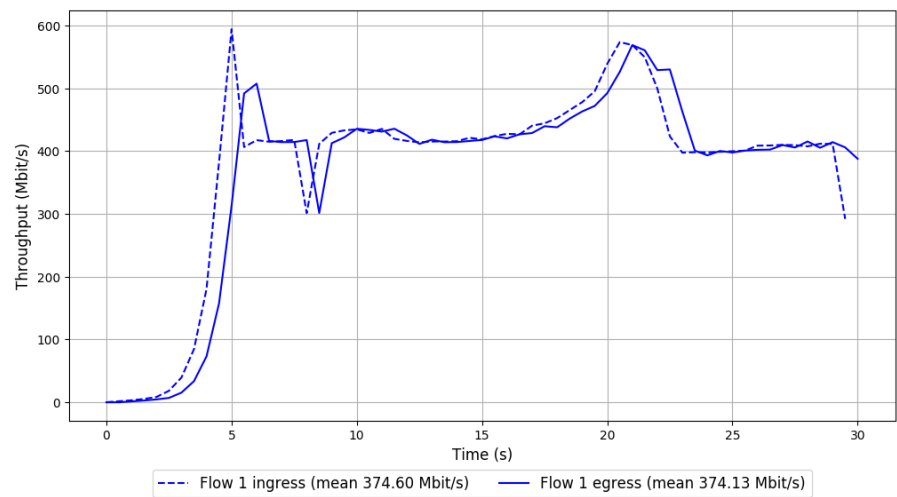


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-24 05:56:38
End at: 2018-07-24 05:57:08
Local clock offset: -29.605 ms
Remote clock offset: -29.115 ms

Below is generated by plot.py at 2018-07-24 10:50:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 374.13 Mbit/s
95th percentile per-packet one-way delay: 147.196 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 374.13 Mbit/s
95th percentile per-packet one-way delay: 147.196 ms
Loss rate: 0.13%

Run 1: Report of PCC-Vivace — Data Link

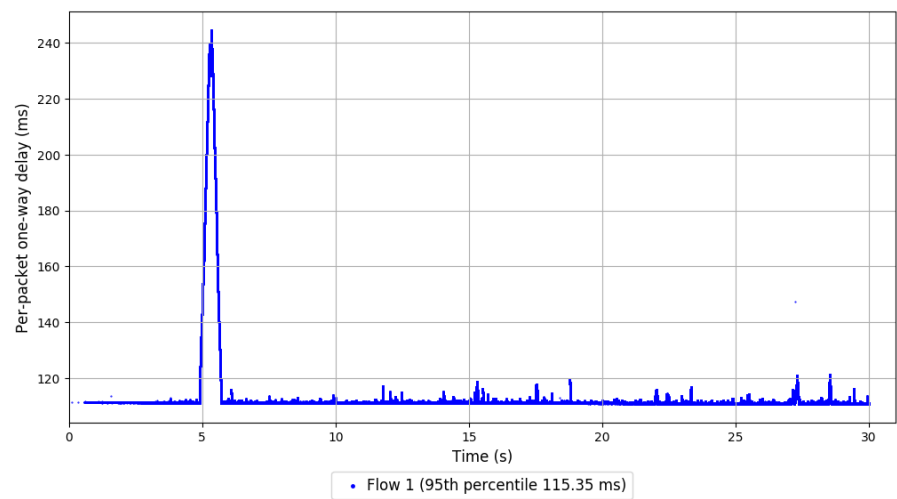
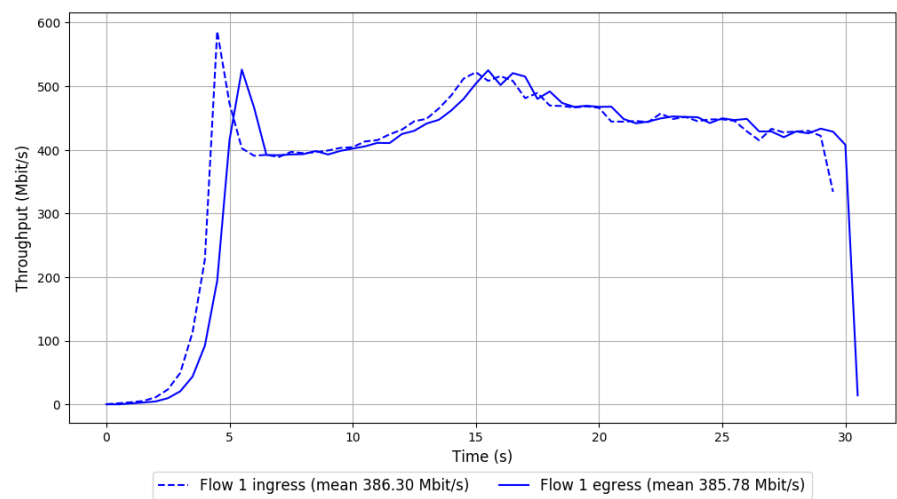


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-24 06:19:13
End at: 2018-07-24 06:19:43
Local clock offset: -22.67 ms
Remote clock offset: -32.838 ms

Below is generated by plot.py at 2018-07-24 10:50:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 385.78 Mbit/s
95th percentile per-packet one-way delay: 115.348 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 385.78 Mbit/s
95th percentile per-packet one-way delay: 115.348 ms
Loss rate: 0.14%

Run 2: Report of PCC-Vivace — Data Link

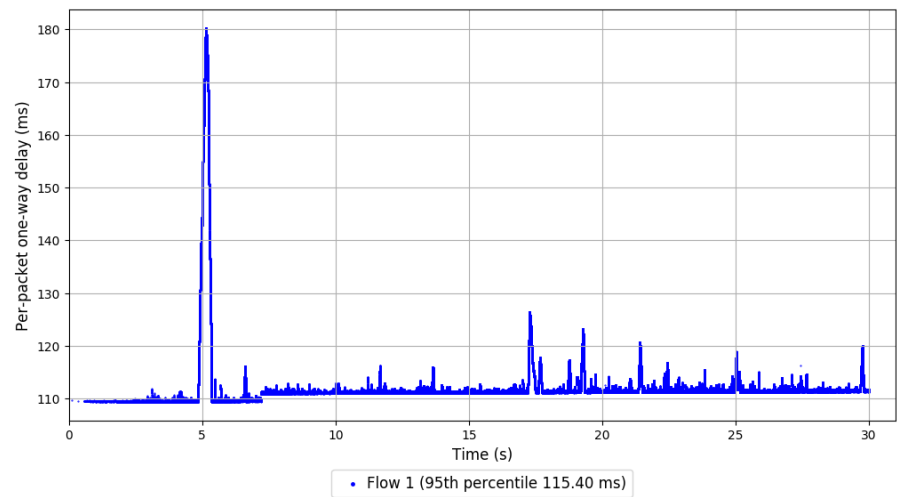
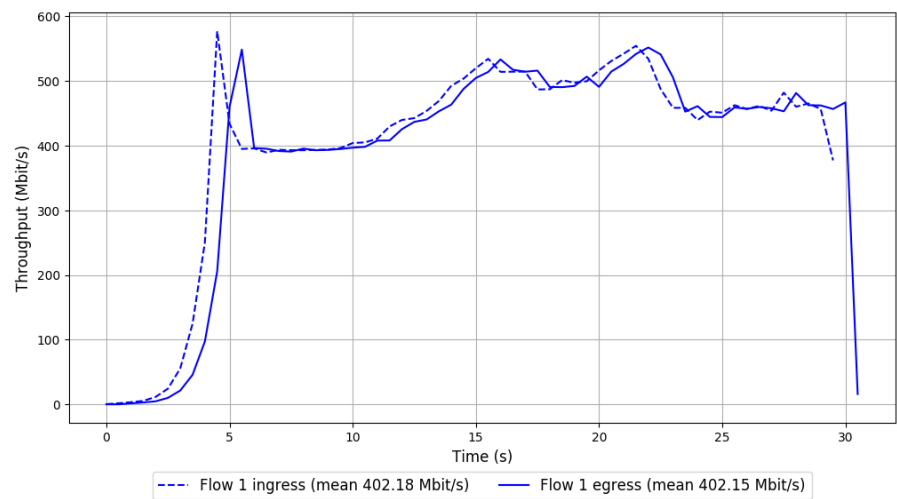


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-24 06:41:59
End at: 2018-07-24 06:42:29
Local clock offset: -23.728 ms
Remote clock offset: -53.903 ms

Below is generated by plot.py at 2018-07-24 10:51:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 402.15 Mbit/s
95th percentile per-packet one-way delay: 115.403 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 402.15 Mbit/s
95th percentile per-packet one-way delay: 115.403 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

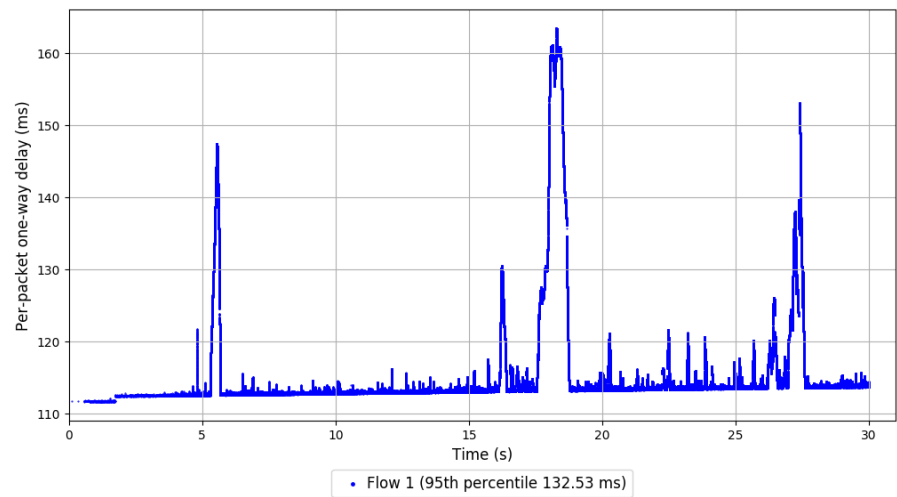
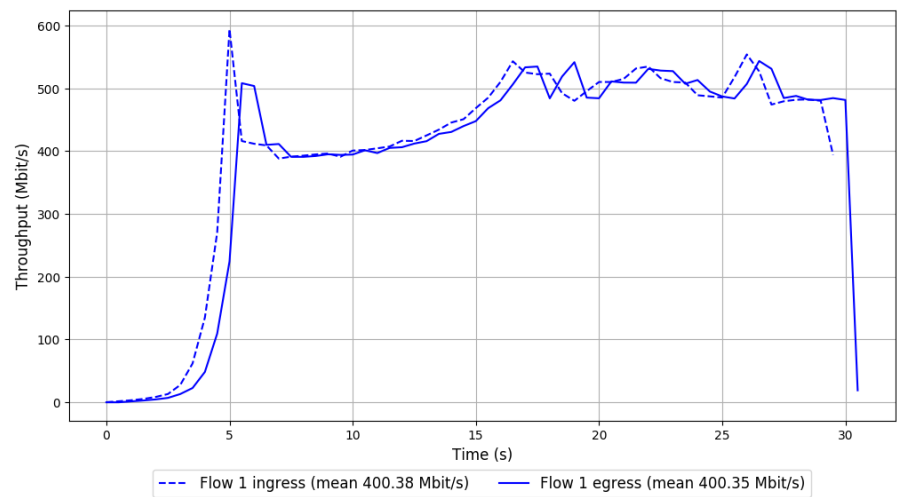


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-24 07:04:44
End at: 2018-07-24 07:05:14
Local clock offset: -30.544 ms
Remote clock offset: -24.576 ms

Below is generated by plot.py at 2018-07-24 10:51:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 400.35 Mbit/s
95th percentile per-packet one-way delay: 132.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 400.35 Mbit/s
95th percentile per-packet one-way delay: 132.533 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

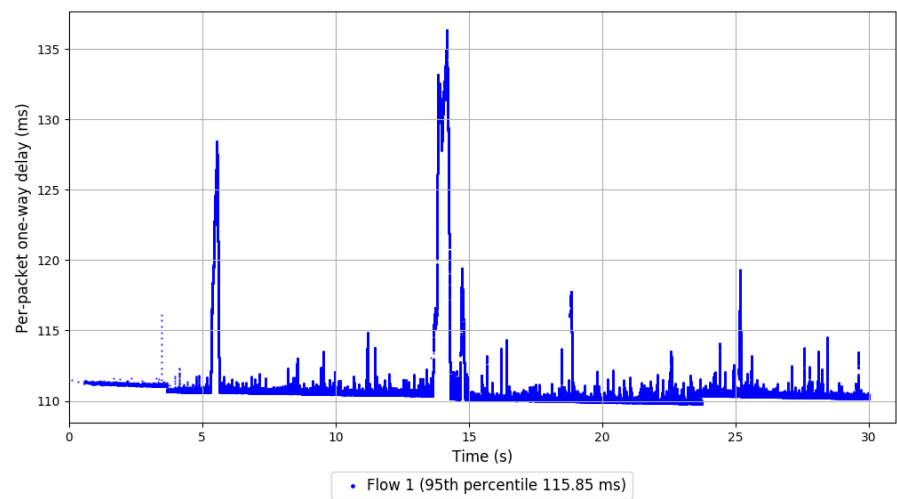
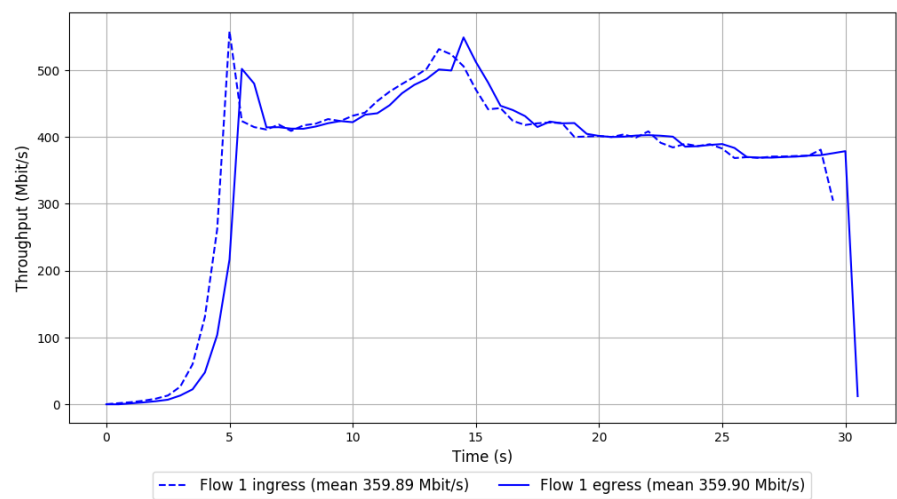


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-24 07:26:52
End at: 2018-07-24 07:27:22
Local clock offset: -10.1 ms
Remote clock offset: -19.923 ms

Below is generated by plot.py at 2018-07-24 10:51:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 359.90 Mbit/s
95th percentile per-packet one-way delay: 115.849 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 359.90 Mbit/s
95th percentile per-packet one-way delay: 115.849 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-07-24 07:49:38

End at: 2018-07-24 07:50:08

Local clock offset: -5.343 ms

Remote clock offset: -7.33 ms

Below is generated by plot.py at 2018-07-24 10:52:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 402.45 Mbit/s

95th percentile per-packet one-way delay: 170.390 ms

Loss rate: 0.25%

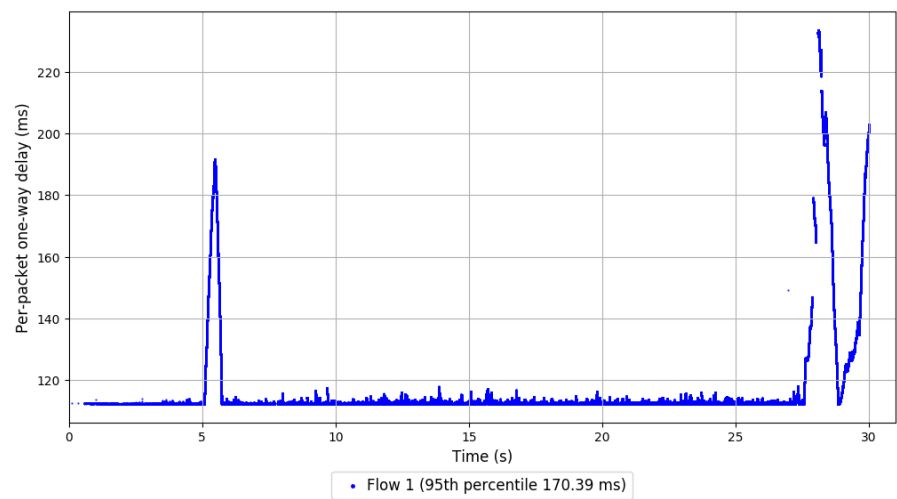
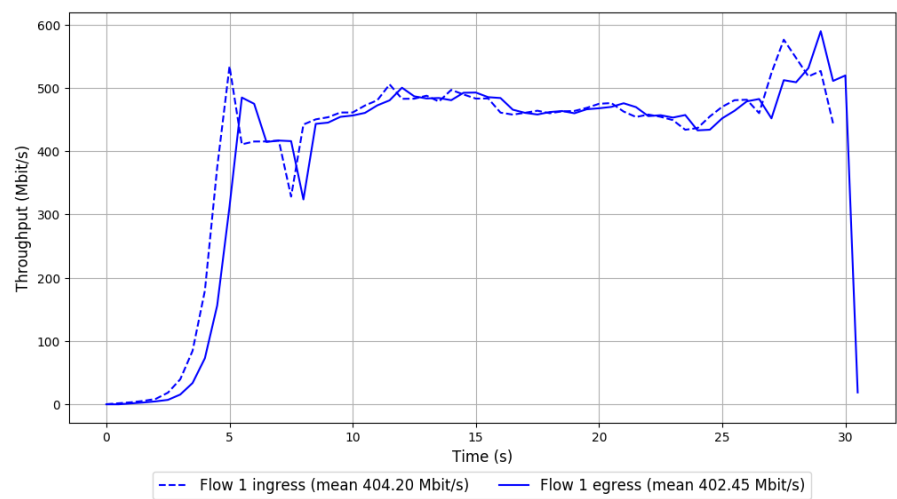
-- Flow 1:

Average throughput: 402.45 Mbit/s

95th percentile per-packet one-way delay: 170.390 ms

Loss rate: 0.25%

Run 6: Report of PCC-Vivace — Data Link

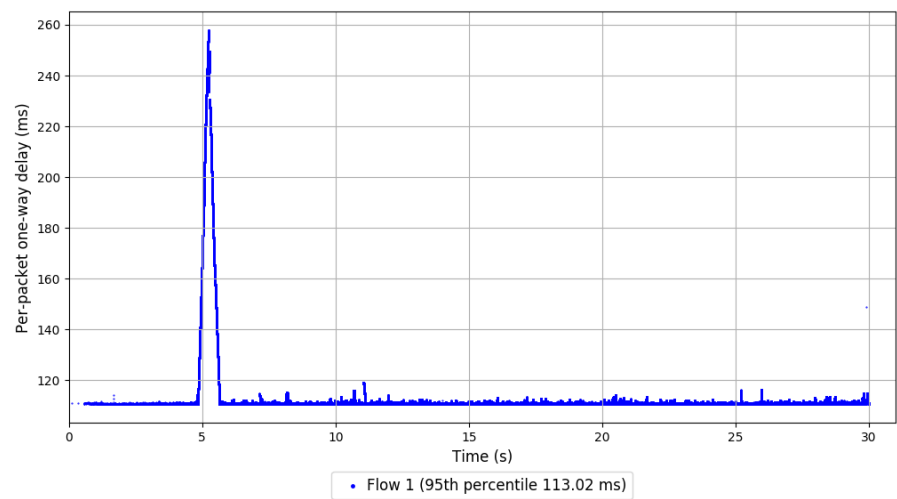
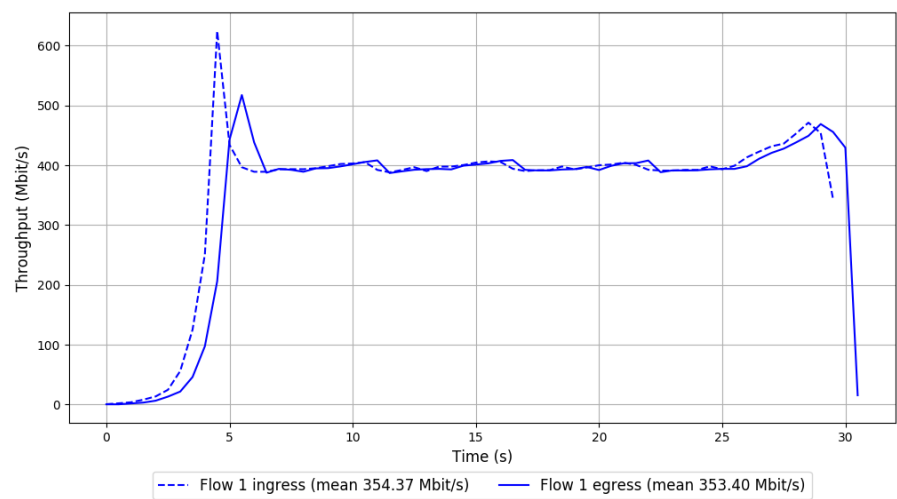


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-24 08:12:21
End at: 2018-07-24 08:12:51
Local clock offset: -4.028 ms
Remote clock offset: -2.659 ms

Below is generated by plot.py at 2018-07-24 10:52:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 353.40 Mbit/s
95th percentile per-packet one-way delay: 113.017 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 353.40 Mbit/s
95th percentile per-packet one-way delay: 113.017 ms
Loss rate: 0.27%

Run 7: Report of PCC-Vivace — Data Link

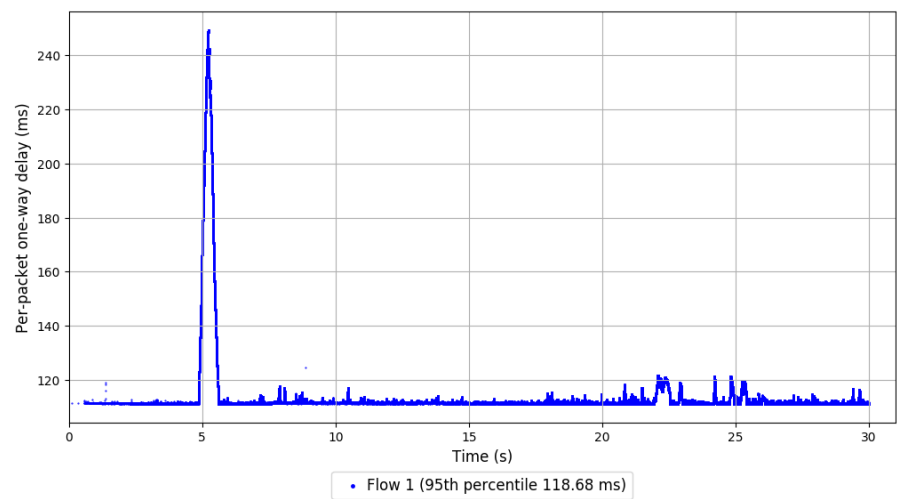
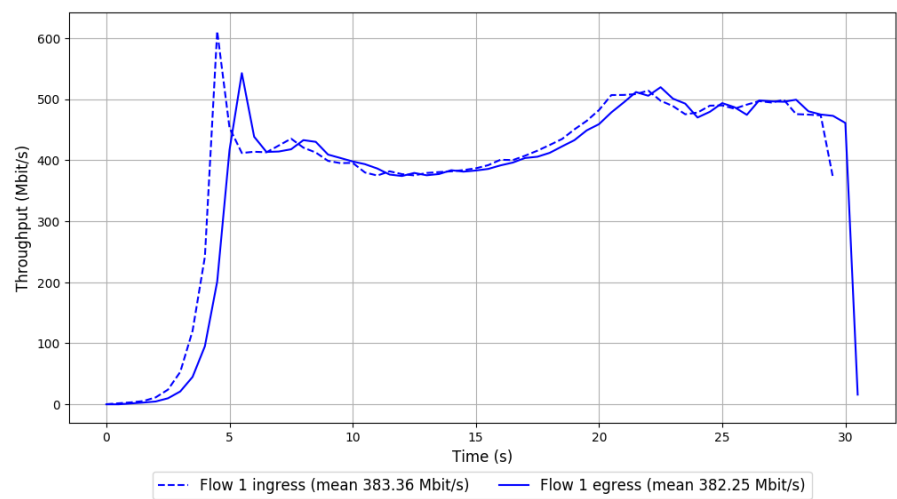


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-24 08:34:28
End at: 2018-07-24 08:34:58
Local clock offset: -1.846 ms
Remote clock offset: -2.261 ms

Below is generated by plot.py at 2018-07-24 10:52:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 382.25 Mbit/s
95th percentile per-packet one-way delay: 118.682 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 382.25 Mbit/s
95th percentile per-packet one-way delay: 118.682 ms
Loss rate: 0.29%

Run 8: Report of PCC-Vivace — Data Link

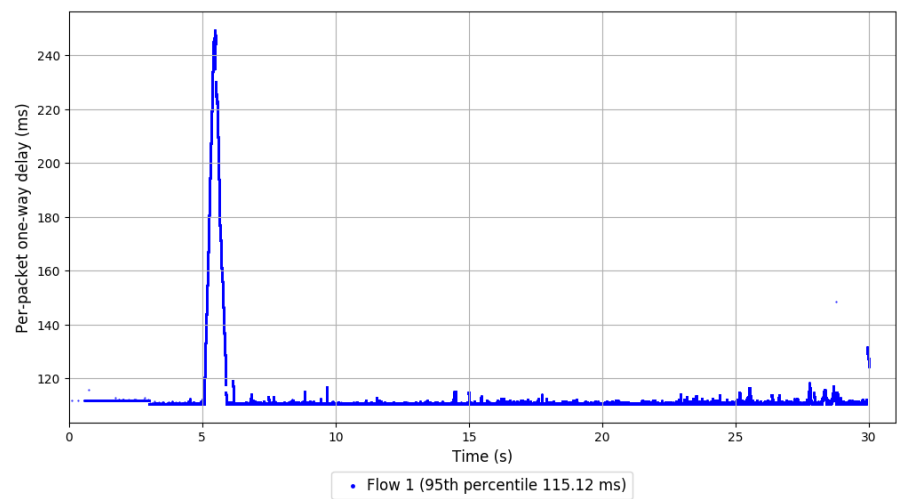
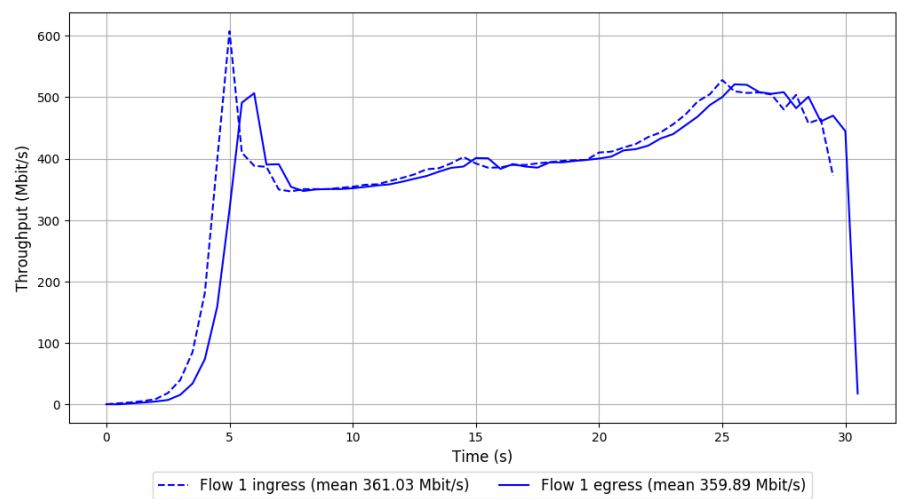


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-24 08:56:23
End at: 2018-07-24 08:56:53
Local clock offset: -1.084 ms
Remote clock offset: -0.925 ms

Below is generated by plot.py at 2018-07-24 10:52:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 359.89 Mbit/s
95th percentile per-packet one-way delay: 115.123 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 359.89 Mbit/s
95th percentile per-packet one-way delay: 115.123 ms
Loss rate: 0.32%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-07-24 09:18:34

End at: 2018-07-24 09:19:04

Local clock offset: -2.382 ms

Remote clock offset: -0.661 ms

Below is generated by plot.py at 2018-07-24 10:52:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 381.24 Mbit/s

95th percentile per-packet one-way delay: 118.296 ms

Loss rate: 0.17%

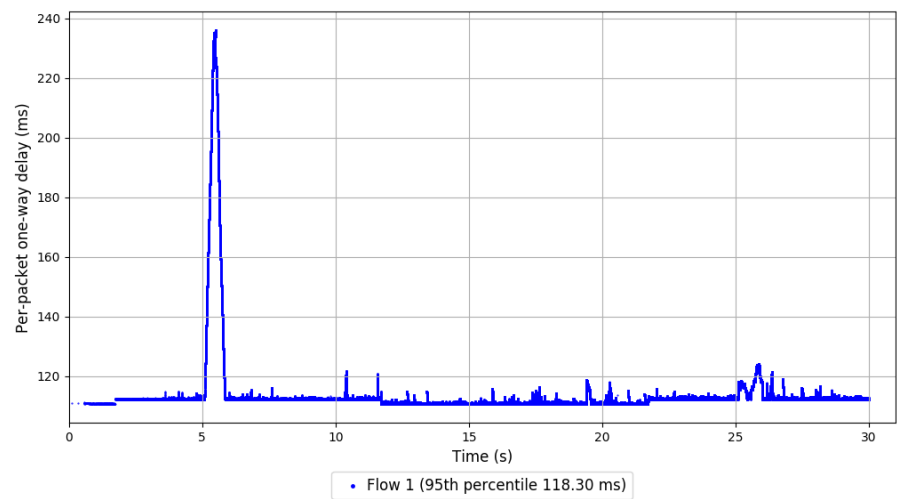
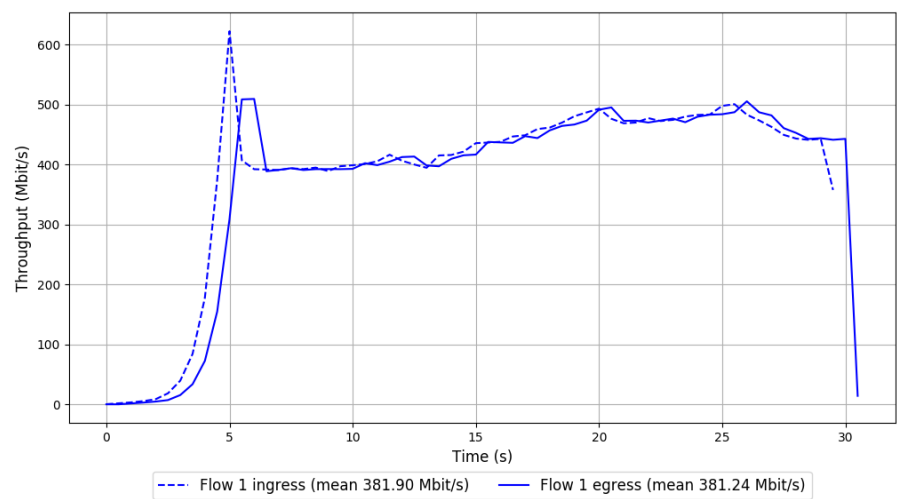
-- Flow 1:

Average throughput: 381.24 Mbit/s

95th percentile per-packet one-way delay: 118.296 ms

Loss rate: 0.17%

Run 10: Report of PCC-Vivace — Data Link

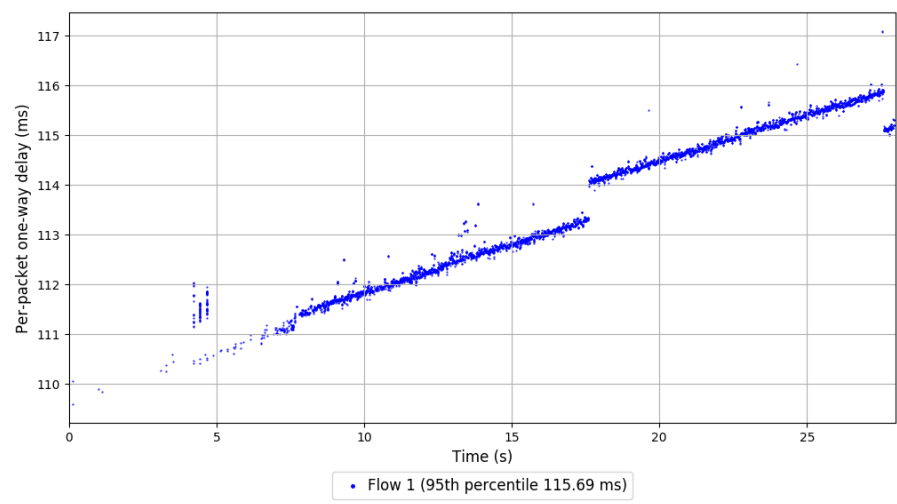
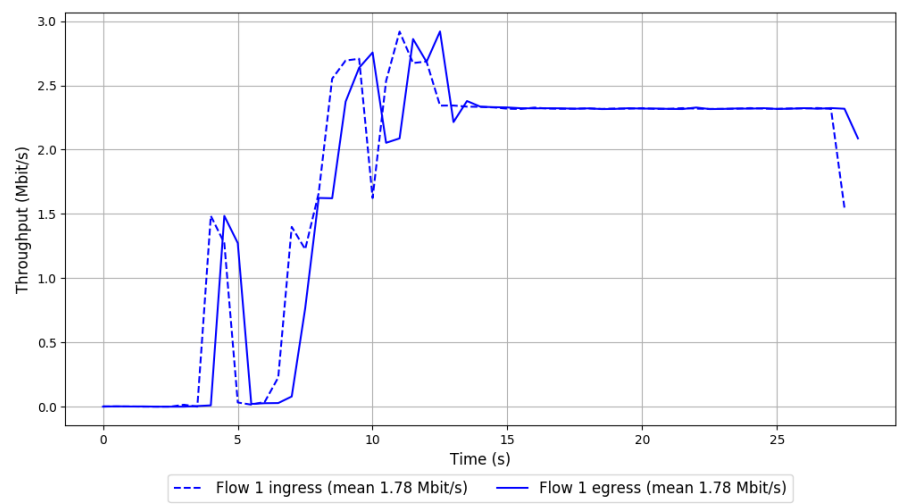


```
Run 1: Statistics of WebRTC media

Start at: 2018-07-24 05:44:06
End at: 2018-07-24 05:44:36
Local clock offset: -25.777 ms
Remote clock offset: -34.856 ms

# Below is generated by plot.py at 2018-07-24 10:52:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 115.686 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 115.686 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

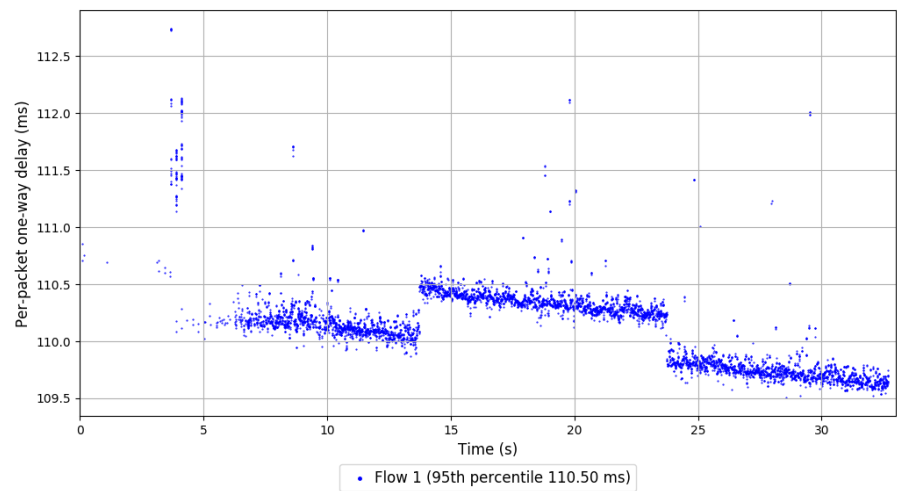
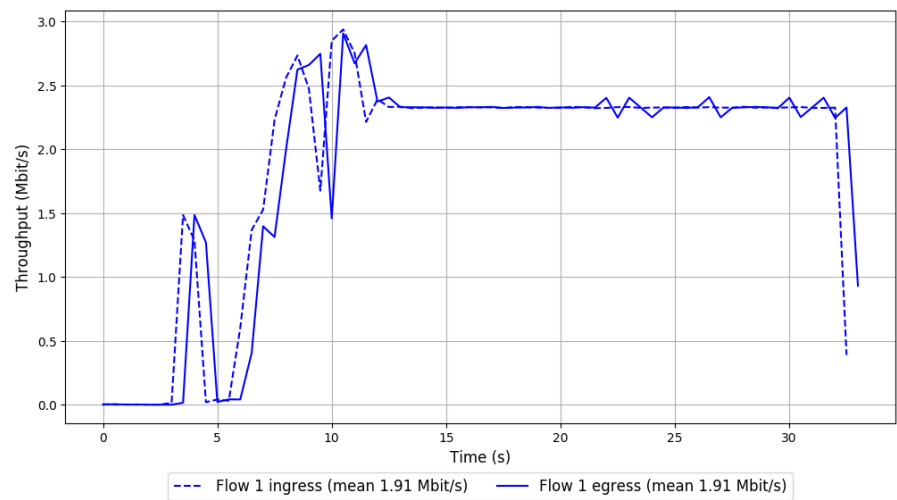


Run 2: Statistics of WebRTC media

Start at: 2018-07-24 06:06:45
End at: 2018-07-24 06:07:15
Local clock offset: -49.751 ms
Remote clock offset: -27.126 ms

Below is generated by plot.py at 2018-07-24 10:52:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 110.497 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 110.497 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

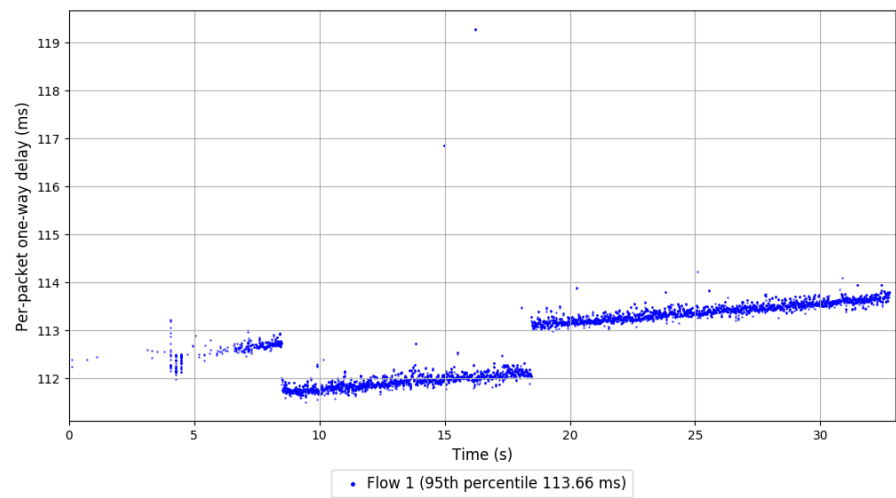
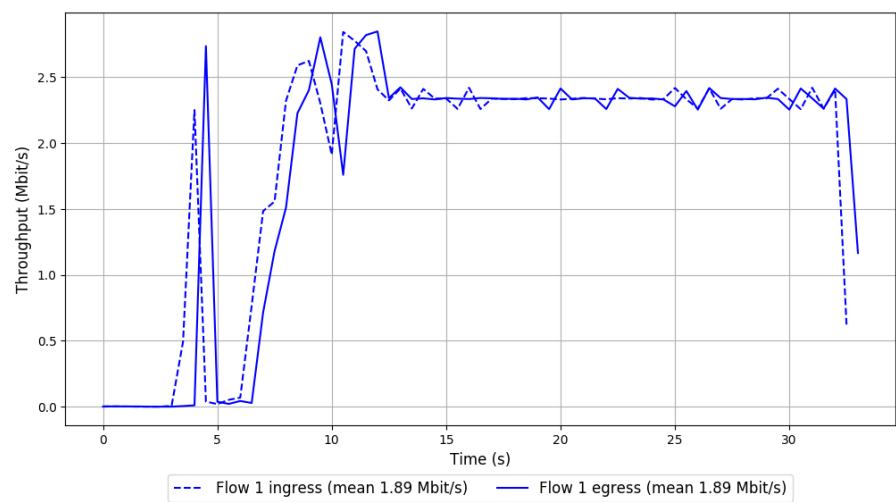


Run 3: Statistics of WebRTC media

Start at: 2018-07-24 06:29:20
End at: 2018-07-24 06:29:50
Local clock offset: -26.151 ms
Remote clock offset: -35.458 ms

Below is generated by plot.py at 2018-07-24 10:52:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 113.656 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 113.656 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

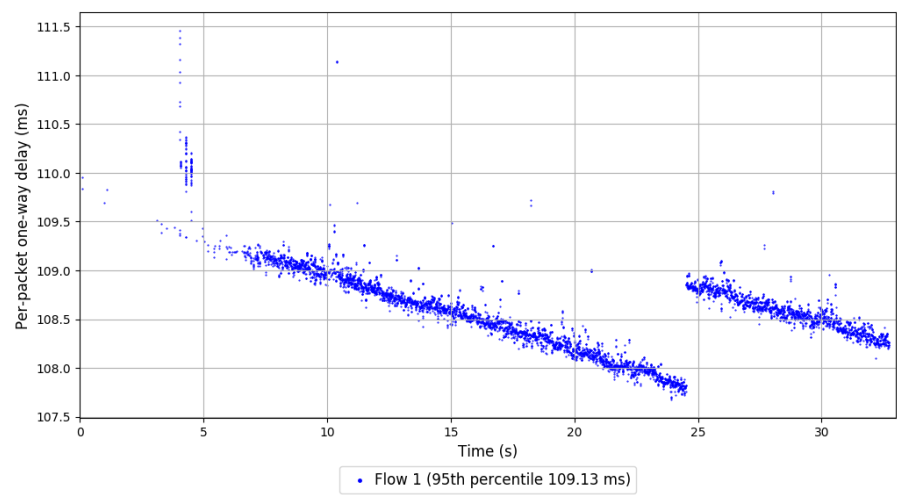
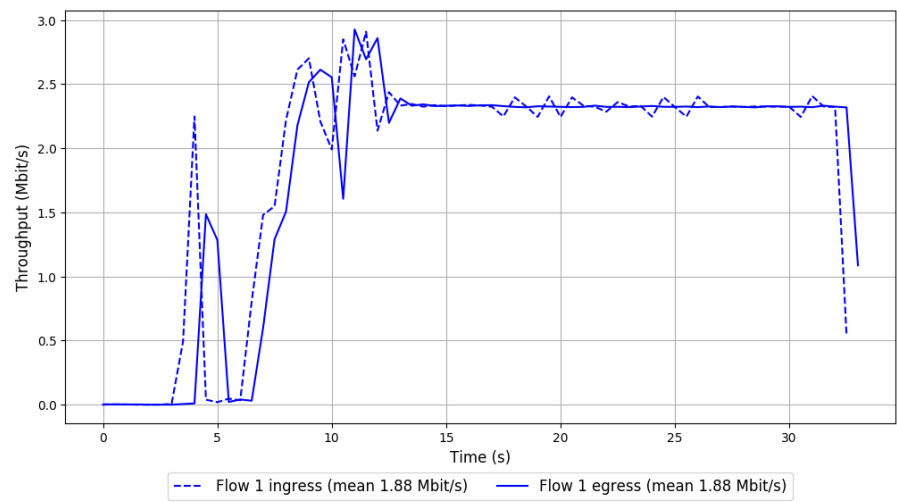


Run 4: Statistics of WebRTC media

Start at: 2018-07-24 06:51:54
End at: 2018-07-24 06:52:24
Local clock offset: -33.563 ms
Remote clock offset: -45.034 ms

Below is generated by plot.py at 2018-07-24 10:52:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 109.133 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 109.133 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

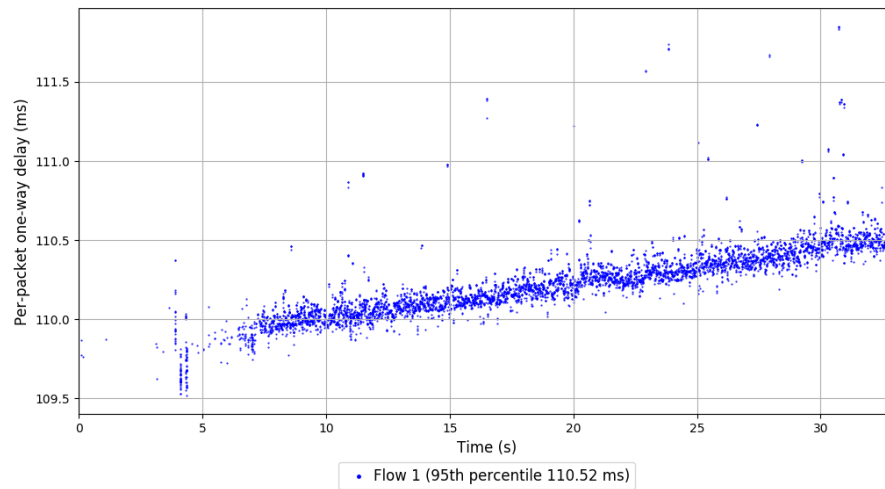
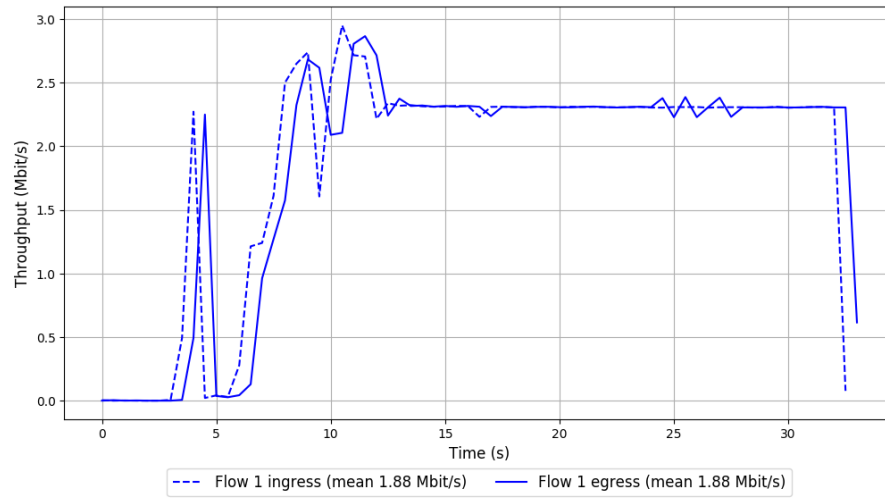


Run 5: Statistics of WebRTC media

Start at: 2018-07-24 07:14:34
End at: 2018-07-24 07:15:04
Local clock offset: -12.16 ms
Remote clock offset: -27.018 ms

Below is generated by plot.py at 2018-07-24 10:52:52
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 5: Report of WebRTC media — Data Link

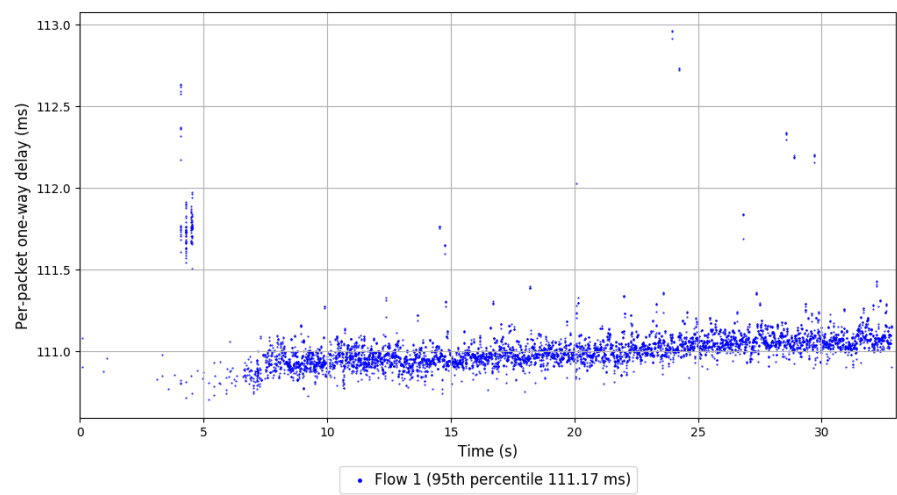
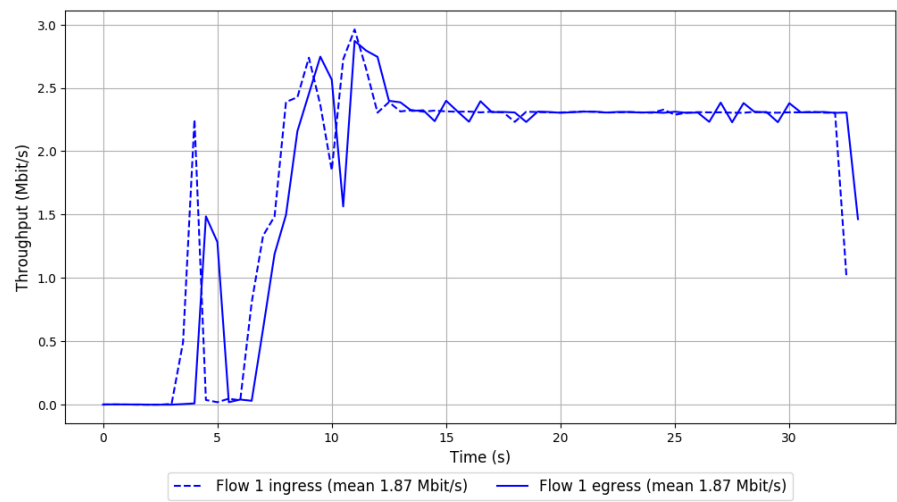


Run 6: Statistics of WebRTC media

Start at: 2018-07-24 07:37:07
End at: 2018-07-24 07:37:37
Local clock offset: -9.795 ms
Remote clock offset: -8.795 ms

Below is generated by plot.py at 2018-07-24 10:52:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 111.169 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 111.169 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-07-24 07:59:41

End at: 2018-07-24 08:00:11

Local clock offset: -4.03 ms

Remote clock offset: -5.43 ms

Below is generated by plot.py at 2018-07-24 10:52:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.87 Mbit/s

95th percentile per-packet one-way delay: 111.560 ms

Loss rate: 0.00%

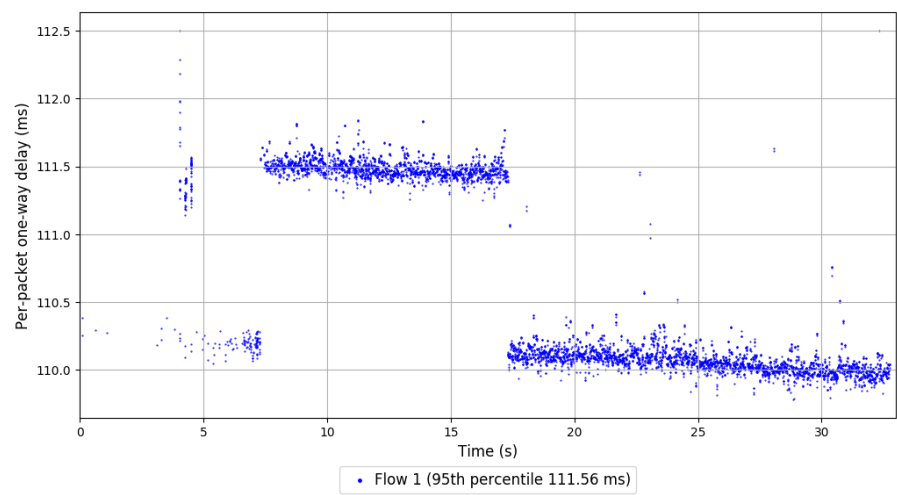
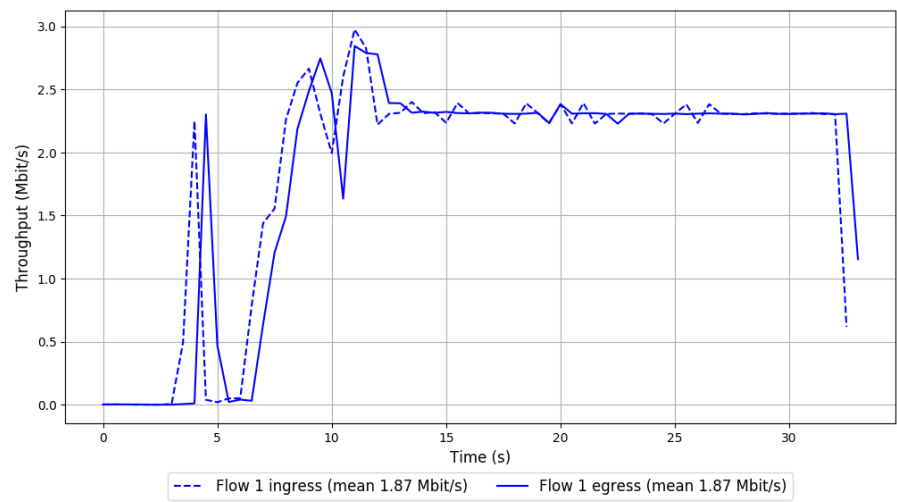
-- Flow 1:

Average throughput: 1.87 Mbit/s

95th percentile per-packet one-way delay: 111.560 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

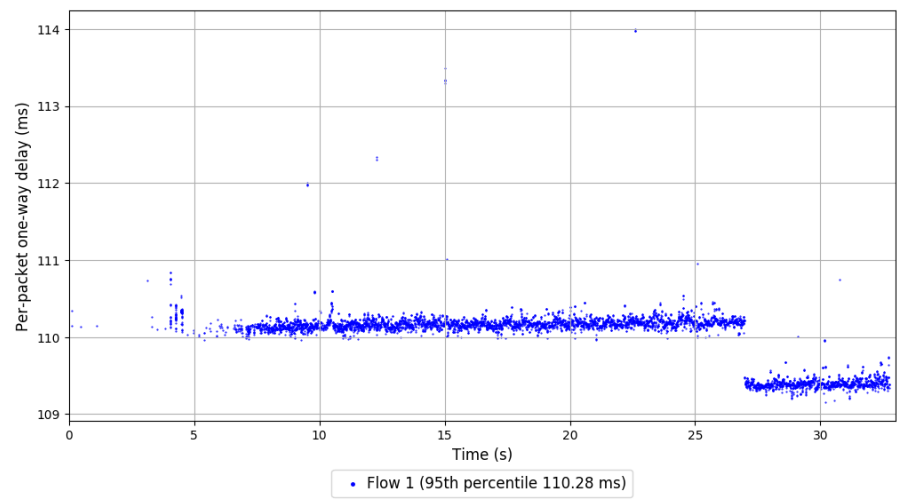
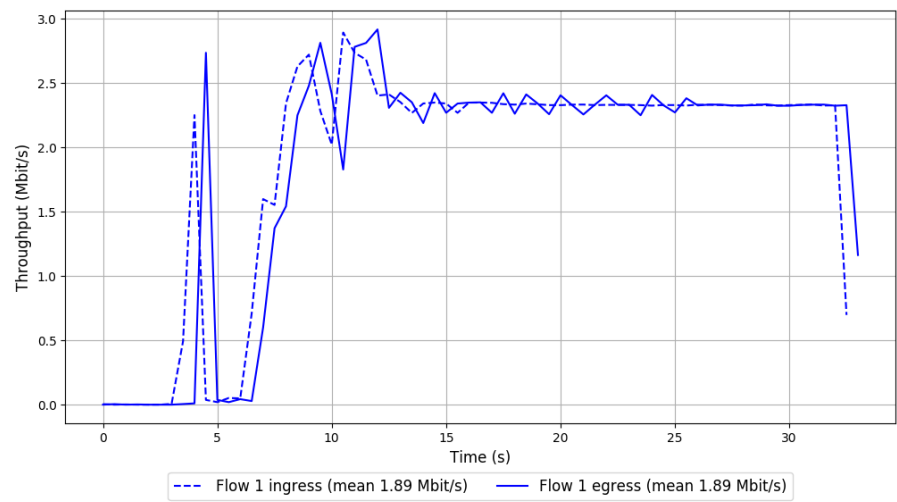


Run 8: Statistics of WebRTC media

Start at: 2018-07-24 08:22:12
End at: 2018-07-24 08:22:42
Local clock offset: -0.681 ms
Remote clock offset: -2.418 ms

Below is generated by plot.py at 2018-07-24 10:52:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 110.285 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 110.285 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

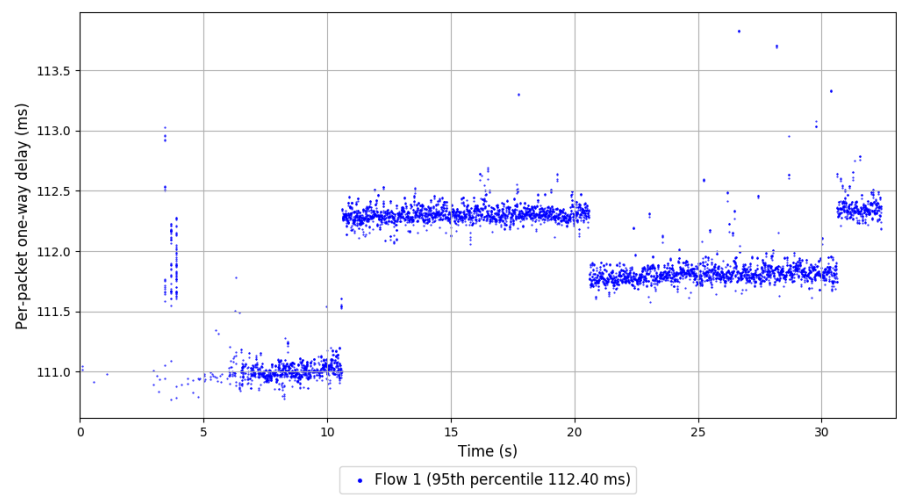
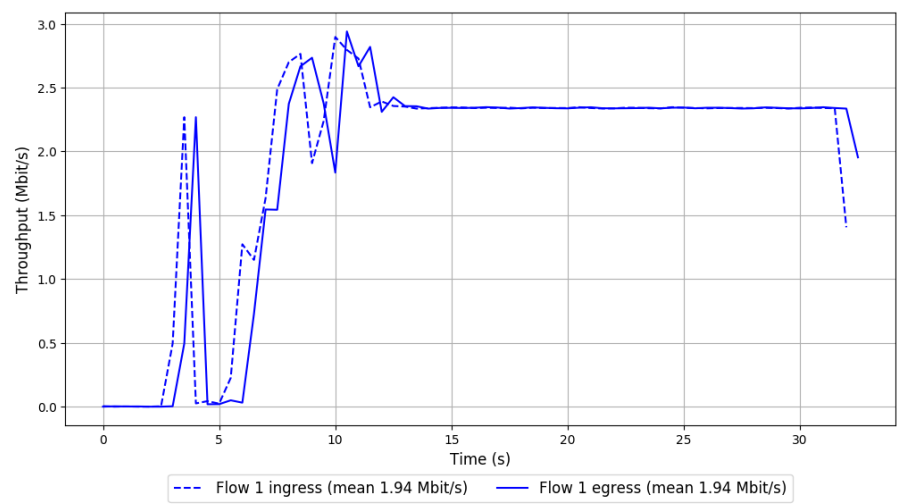


Run 9: Statistics of WebRTC media

Start at: 2018-07-24 08:43:58
End at: 2018-07-24 08:44:28
Local clock offset: -2.445 ms
Remote clock offset: -0.901 ms

Below is generated by plot.py at 2018-07-24 10:52:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 112.399 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 112.399 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-24 09:06:01

End at: 2018-07-24 09:06:31

Local clock offset: -1.14 ms

Remote clock offset: -1.398 ms

Below is generated by plot.py at 2018-07-24 10:52:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.91 Mbit/s

95th percentile per-packet one-way delay: 111.833 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.91 Mbit/s

95th percentile per-packet one-way delay: 111.833 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

