

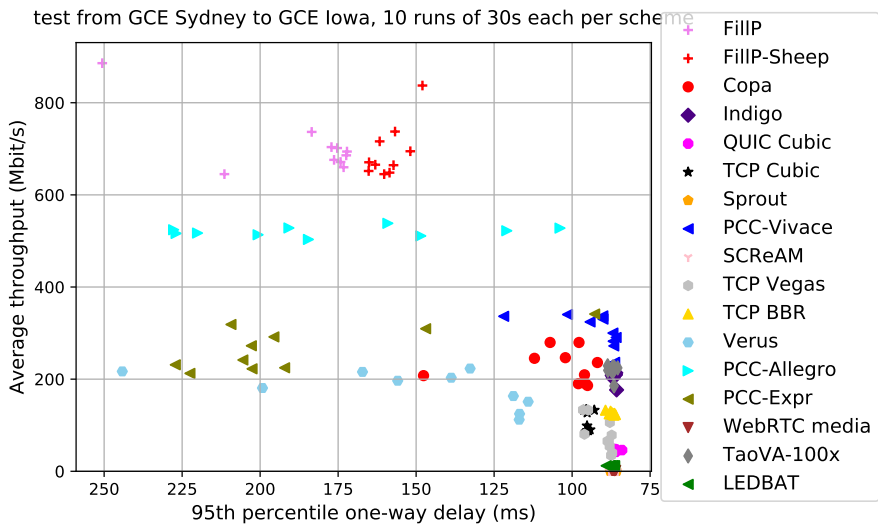
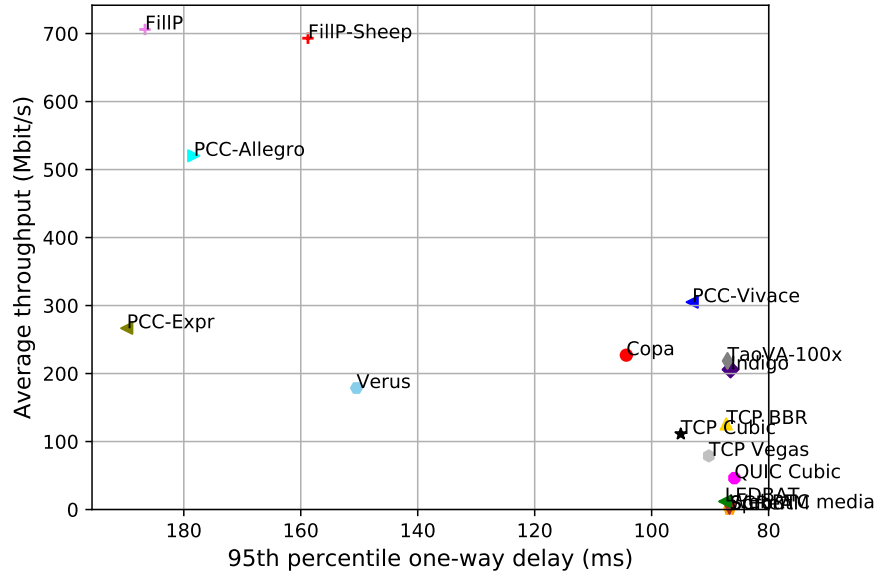
Pantheon Report

Generated at 2018-07-24 11:48:15 (UTC).
Data path: GCE Sydney Ethernet (*local*) → GCE Iowa 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 Sydney to GCE Iowa, 10 runs of 30s each per scheme
(mean of all runs by scheme)



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	125.84	87.24	0.00
Copa	10	227.03	104.33	0.00
TCP Cubic	10	111.12	95.02	0.01
FillP	10	706.02	186.63	5.29
FillP-Sheep	10	693.14	158.77	0.89
Indigo	10	205.87	86.51	0.00
LEDBAT	10	11.89	87.50	0.01
PCC-Allegro	10	520.18	178.30	1.16
PCC-Expr	10	266.61	189.76	0.81
QUIC Cubic	6	46.21	85.85	0.00
SCReAM	10	0.22	86.57	0.00
Sprout	10	0.25	86.67	0.00
TaoVA-100x	10	218.61	87.03	0.01
TCP Vegas	10	78.88	90.22	0.00
Verus	10	178.71	150.47	0.30
PCC-Vivace	10	304.99	93.07	0.03
WebRTC media	10	1.92	86.68	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-24 05:41:40

End at: 2018-07-24 05:42:10

Local clock offset: 9.391 ms

Remote clock offset: -0.129 ms

Below is generated by plot.py at 2018-07-24 09:38:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 125.75 Mbit/s

95th percentile per-packet one-way delay: 86.411 ms

Loss rate: 0.00%

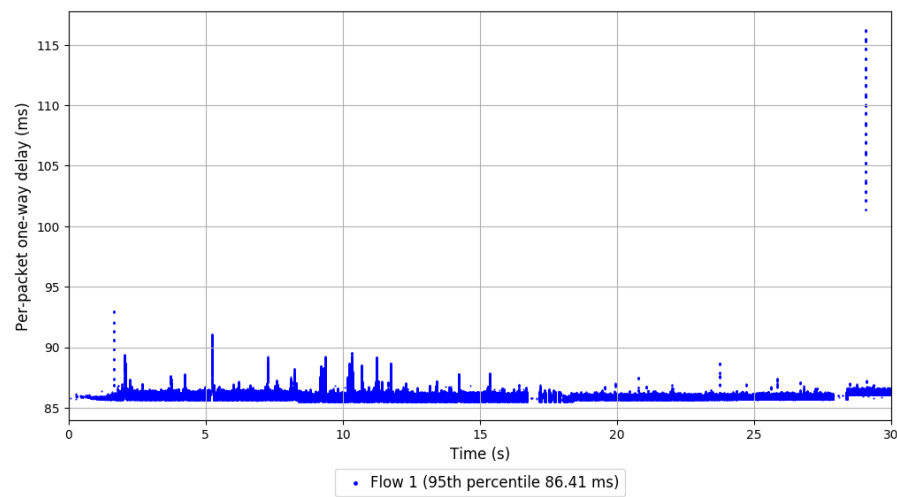
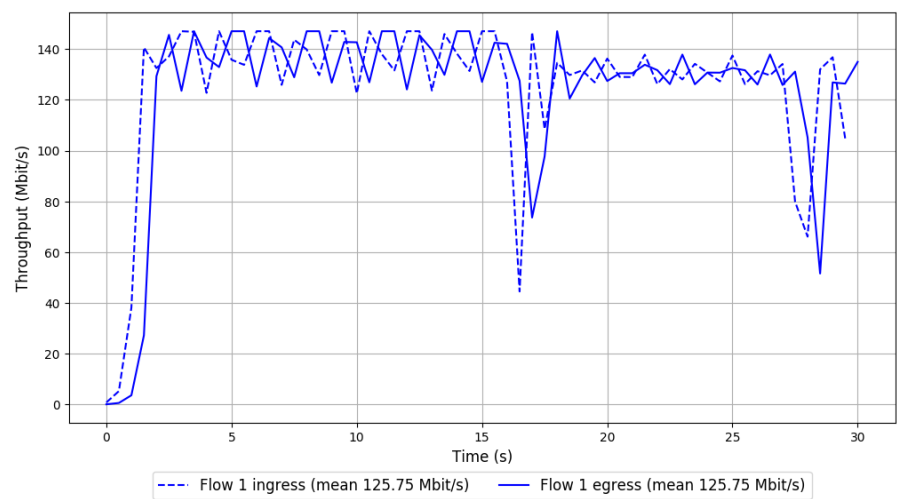
-- Flow 1:

Average throughput: 125.75 Mbit/s

95th percentile per-packet one-way delay: 86.411 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-07-24 06:04:03

End at: 2018-07-24 06:04:33

Local clock offset: 25.523 ms

Remote clock offset: -0.12 ms

Below is generated by plot.py at 2018-07-24 09:38:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 132.62 Mbit/s

95th percentile per-packet one-way delay: 89.296 ms

Loss rate: 0.00%

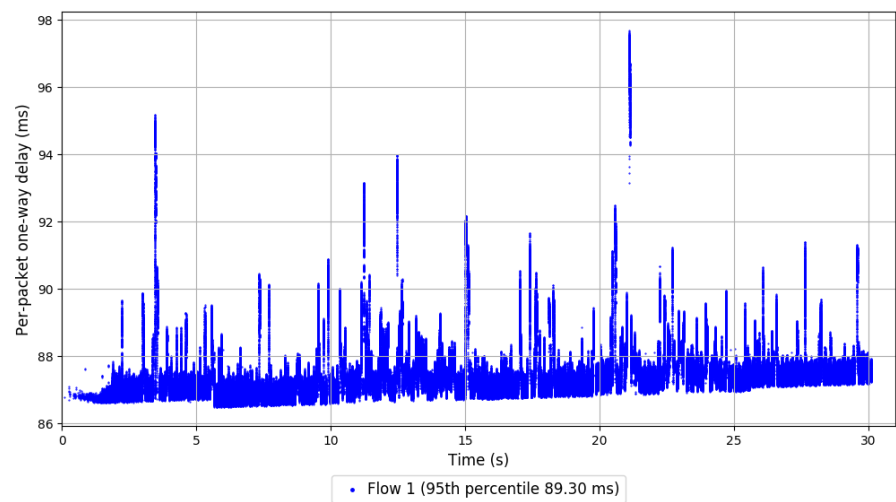
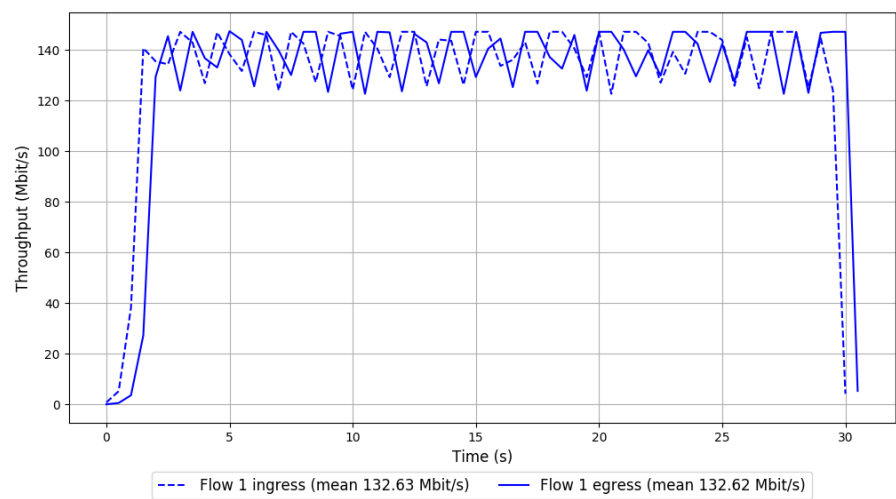
-- Flow 1:

Average throughput: 132.62 Mbit/s

95th percentile per-packet one-way delay: 89.296 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

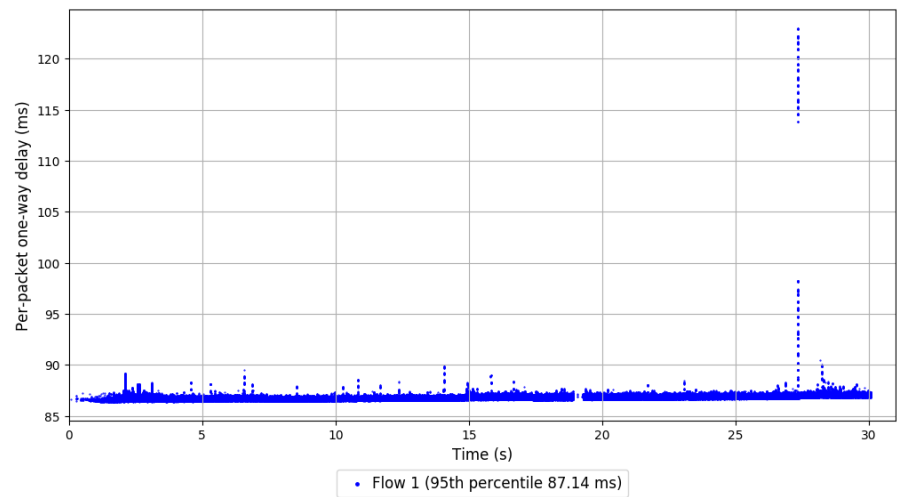
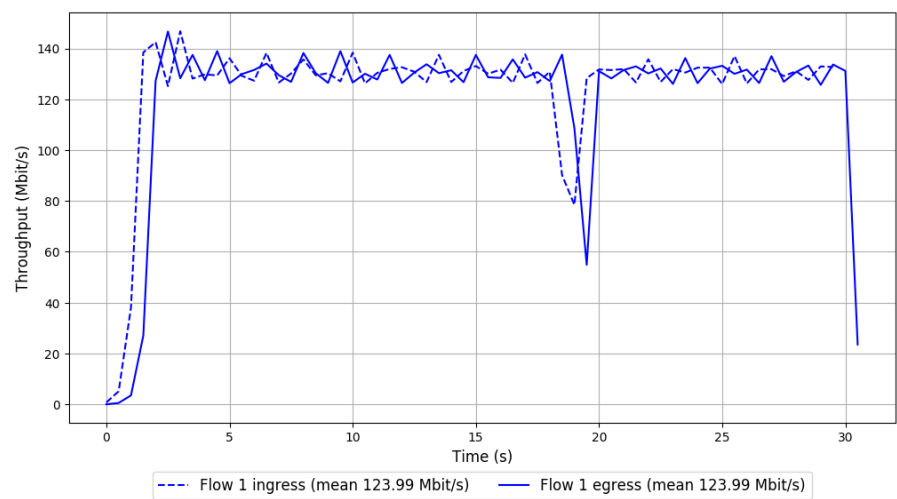


Run 3: Statistics of TCP BBR

Start at: 2018-07-24 06:26:41
End at: 2018-07-24 06:27:11
Local clock offset: 27.568 ms
Remote clock offset: -0.177 ms

Below is generated by plot.py at 2018-07-24 09:38:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 123.99 Mbit/s
95th percentile per-packet one-way delay: 87.143 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 123.99 Mbit/s
95th percentile per-packet one-way delay: 87.143 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

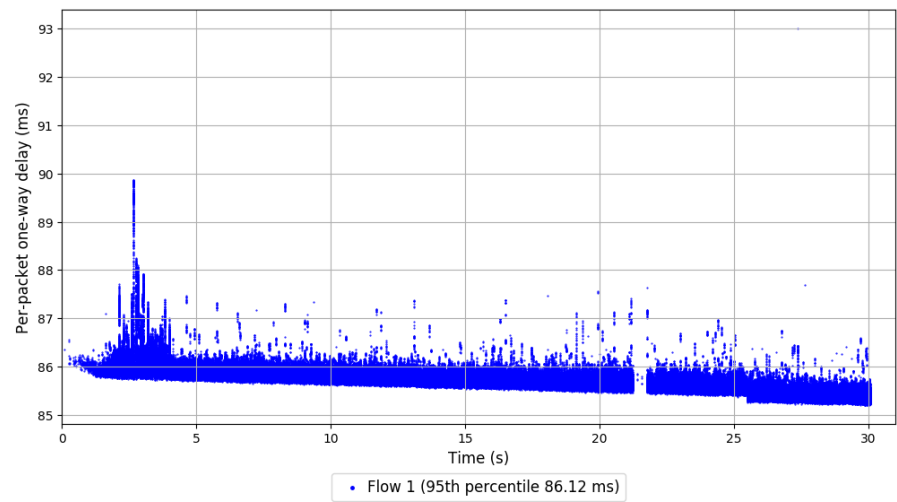
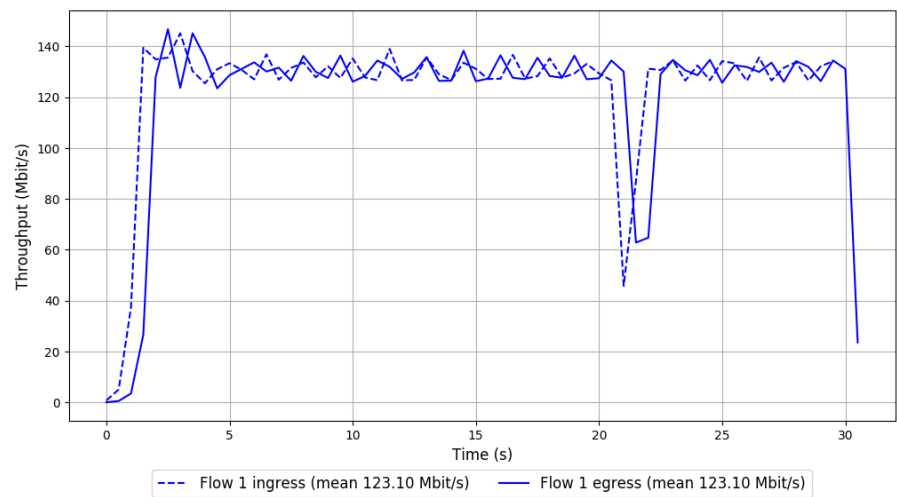


Run 4: Statistics of TCP BBR

Start at: 2018-07-24 06:49:13
End at: 2018-07-24 06:49:43
Local clock offset: 19.272 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-07-24 09:38:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 123.10 Mbit/s
95th percentile per-packet one-way delay: 86.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 123.10 Mbit/s
95th percentile per-packet one-way delay: 86.116 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

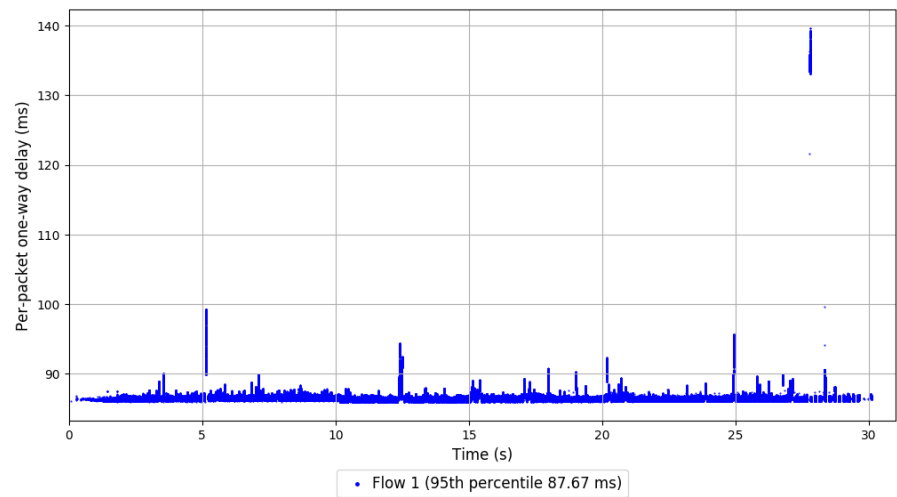
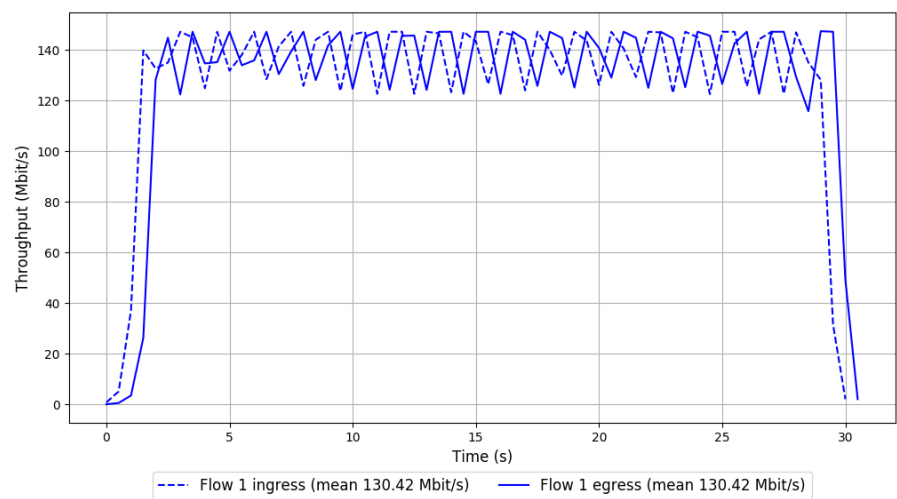


Run 5: Statistics of TCP BBR

Start at: 2018-07-24 07:11:39
End at: 2018-07-24 07:12:09
Local clock offset: 20.045 ms
Remote clock offset: -0.151 ms

Below is generated by plot.py at 2018-07-24 09:38:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 130.42 Mbit/s
95th percentile per-packet one-way delay: 87.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 130.42 Mbit/s
95th percentile per-packet one-way delay: 87.670 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-07-24 07:34:38

End at: 2018-07-24 07:35:08

Local clock offset: 7.691 ms

Remote clock offset: -0.112 ms

Below is generated by plot.py at 2018-07-24 09:38:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 126.72 Mbit/s

95th percentile per-packet one-way delay: 87.111 ms

Loss rate: 0.00%

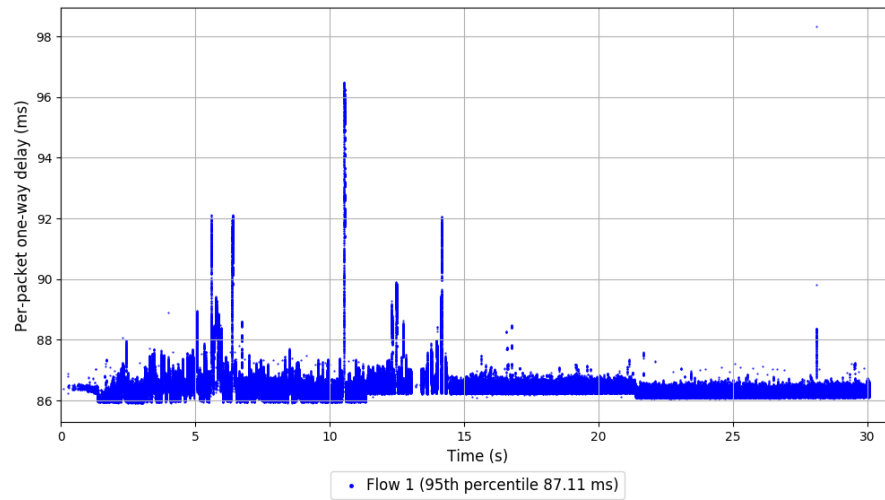
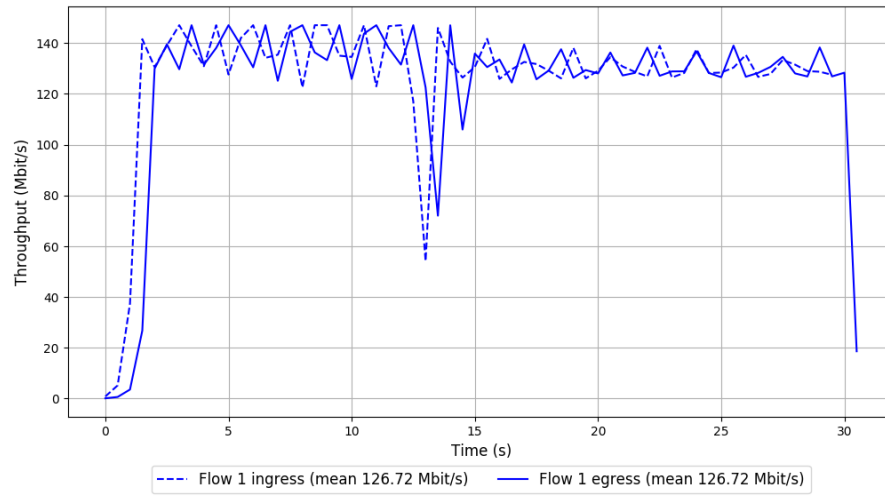
-- Flow 1:

Average throughput: 126.72 Mbit/s

95th percentile per-packet one-way delay: 87.111 ms

Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-07-24 07:57:03

End at: 2018-07-24 07:57:33

Local clock offset: 3.876 ms

Remote clock offset: -0.13 ms

Below is generated by plot.py at 2018-07-24 09:38:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 121.88 Mbit/s

95th percentile per-packet one-way delay: 86.617 ms

Loss rate: 0.00%

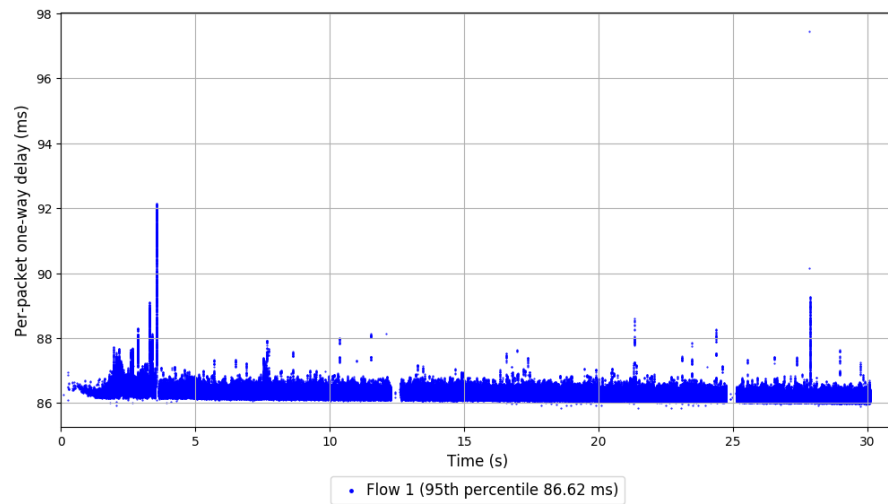
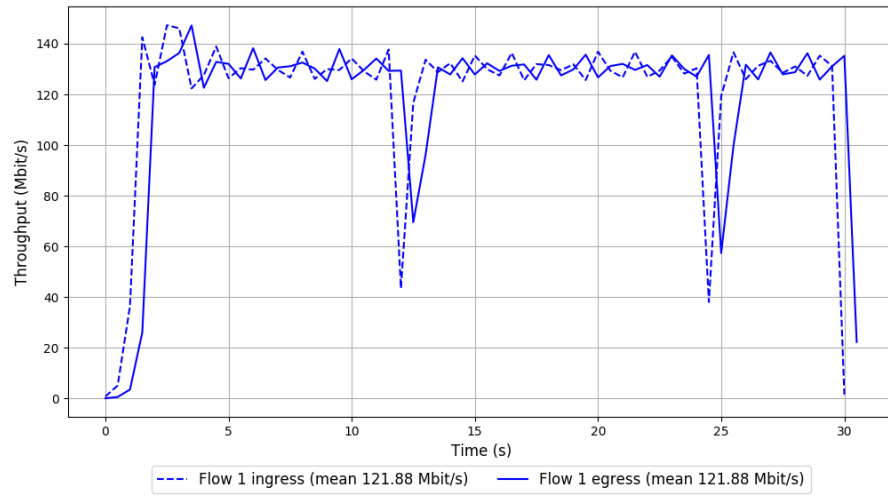
-- Flow 1:

Average throughput: 121.88 Mbit/s

95th percentile per-packet one-way delay: 86.617 ms

Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-07-24 08:19:22

End at: 2018-07-24 08:19:52

Local clock offset: 1.896 ms

Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-07-24 09:38:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 125.03 Mbit/s

95th percentile per-packet one-way delay: 86.841 ms

Loss rate: 0.00%

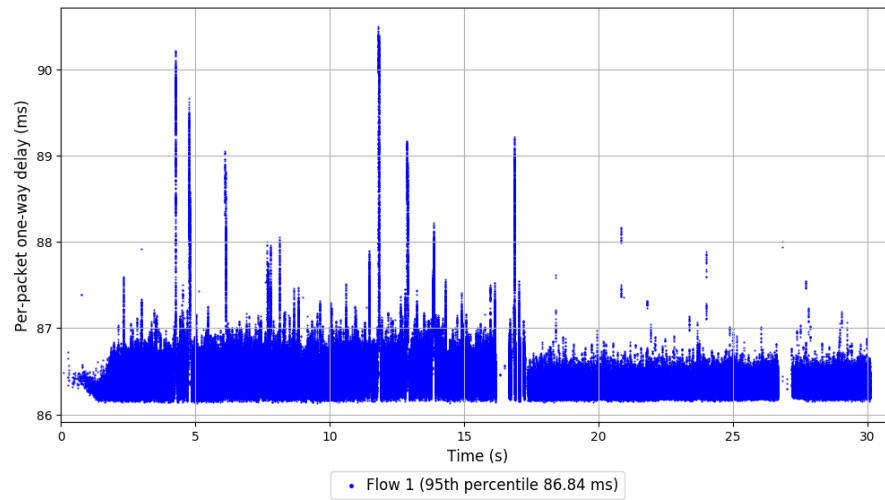
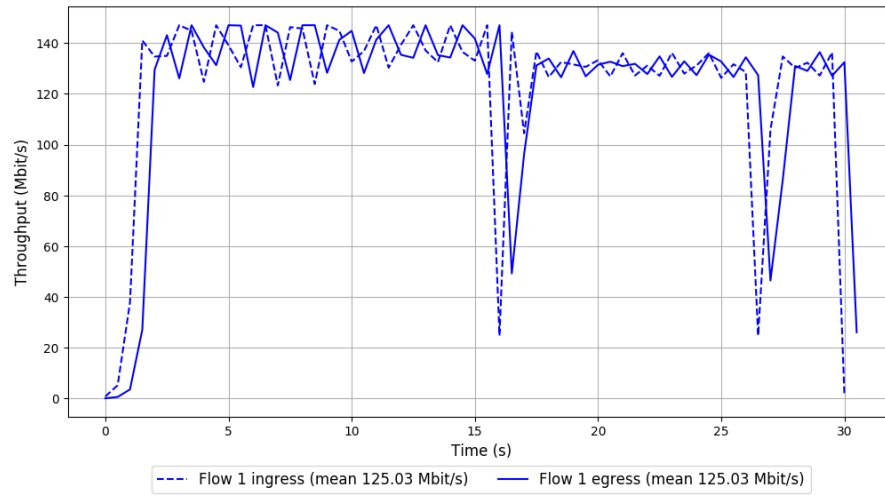
-- Flow 1:

Average throughput: 125.03 Mbit/s

95th percentile per-packet one-way delay: 86.841 ms

Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

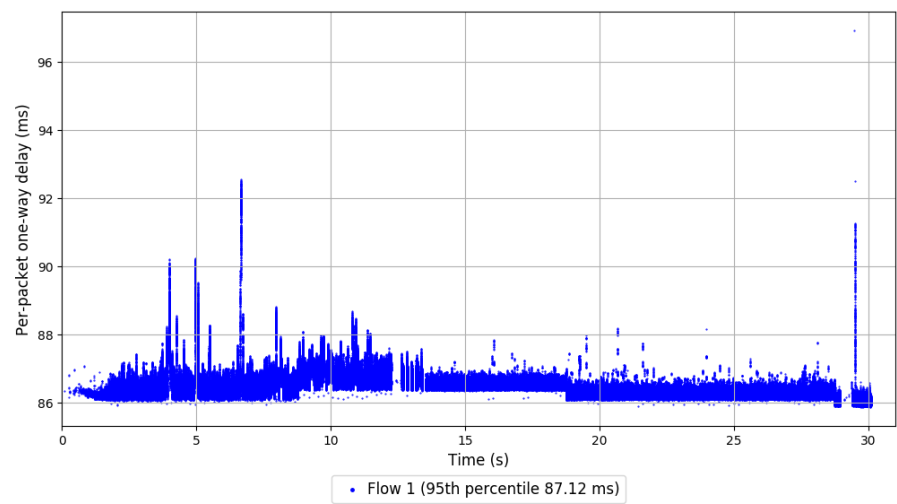
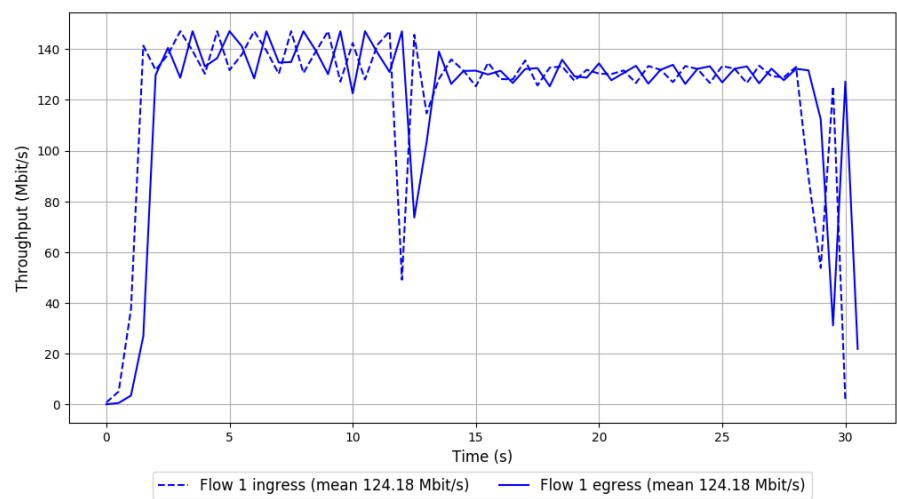


Run 9: Statistics of TCP BBR

Start at: 2018-07-24 08:42:00
End at: 2018-07-24 08:42:30
Local clock offset: 0.754 ms
Remote clock offset: -0.088 ms

Below is generated by plot.py at 2018-07-24 09:40:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 124.18 Mbit/s
95th percentile per-packet one-way delay: 87.120 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 124.18 Mbit/s
95th percentile per-packet one-way delay: 87.120 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-07-24 09:04:36

End at: 2018-07-24 09:05:06

Local clock offset: 0.326 ms

Remote clock offset: -0.116 ms

Below is generated by plot.py at 2018-07-24 09:40:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 124.68 Mbit/s

95th percentile per-packet one-way delay: 88.105 ms

Loss rate: 0.00%

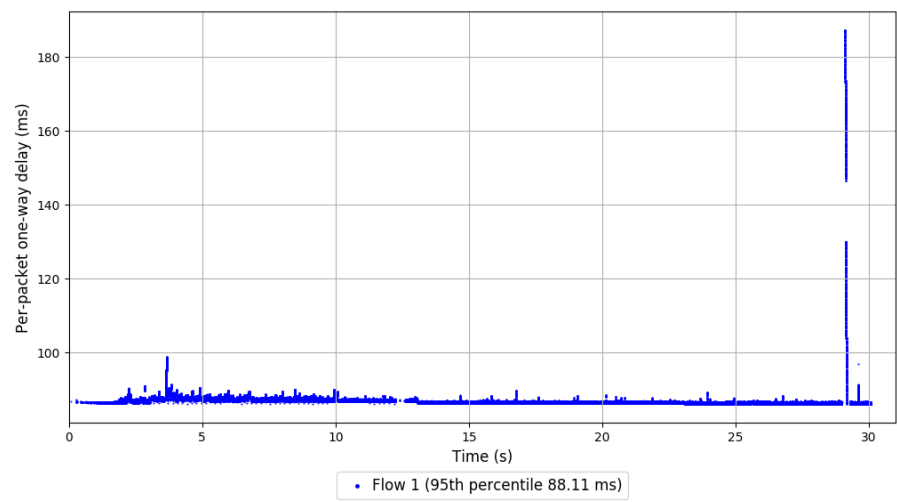
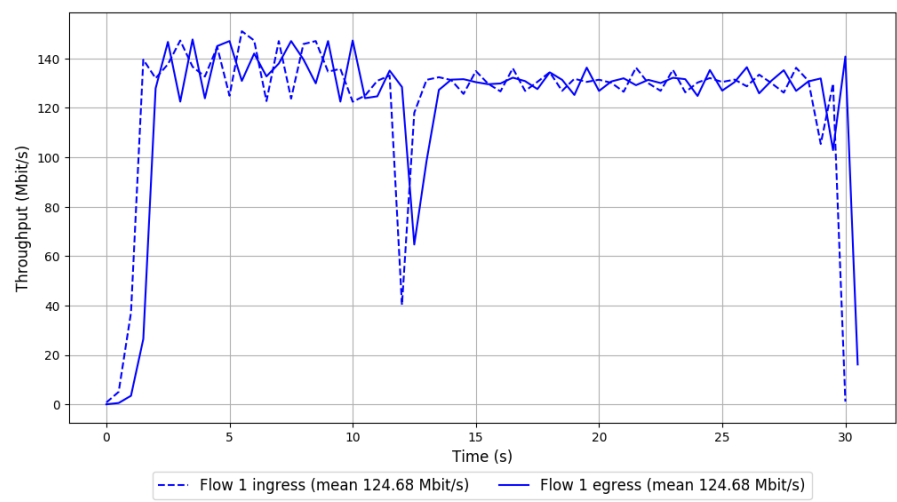
-- Flow 1:

Average throughput: 124.68 Mbit/s

95th percentile per-packet one-way delay: 88.105 ms

Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

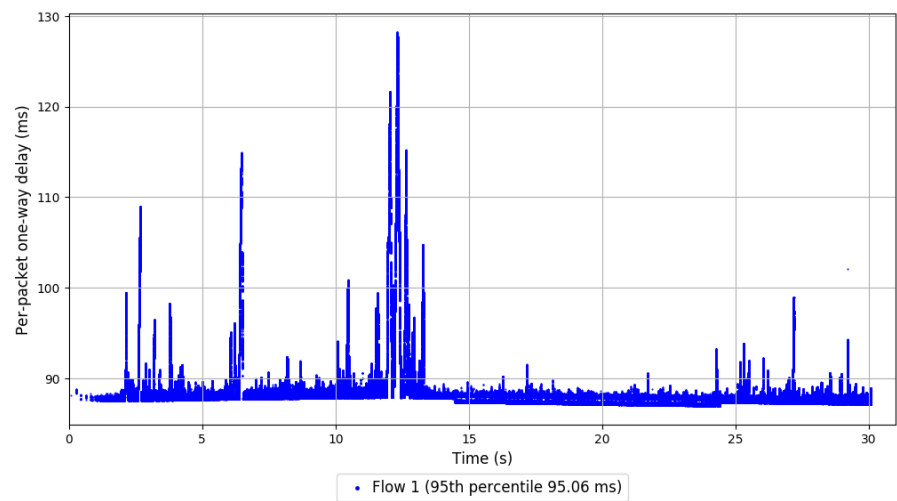
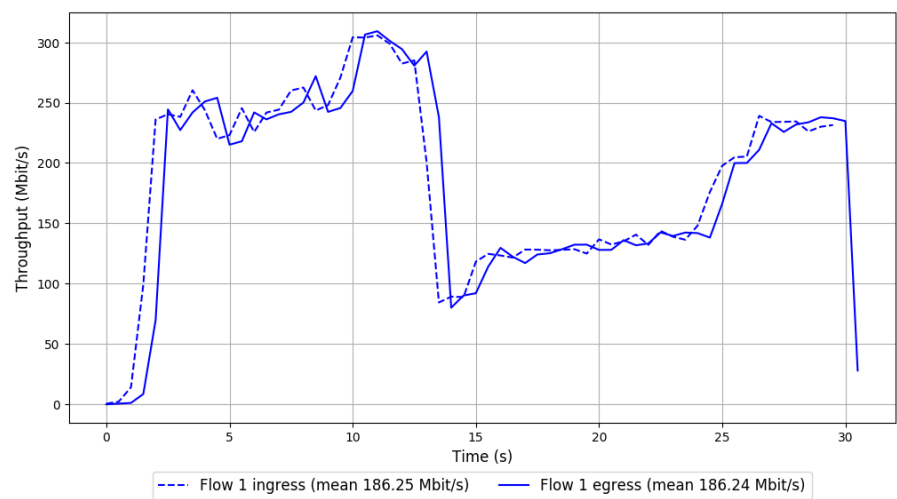


Run 1: Statistics of Copa

Start at: 2018-07-24 05:48:04
End at: 2018-07-24 05:48:35
Local clock offset: 17.016 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2018-07-24 09:45:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 186.24 Mbit/s
95th percentile per-packet one-way delay: 95.055 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 186.24 Mbit/s
95th percentile per-packet one-way delay: 95.055 ms
Loss rate: 0.01%

Run 1: Report of Copa — Data Link

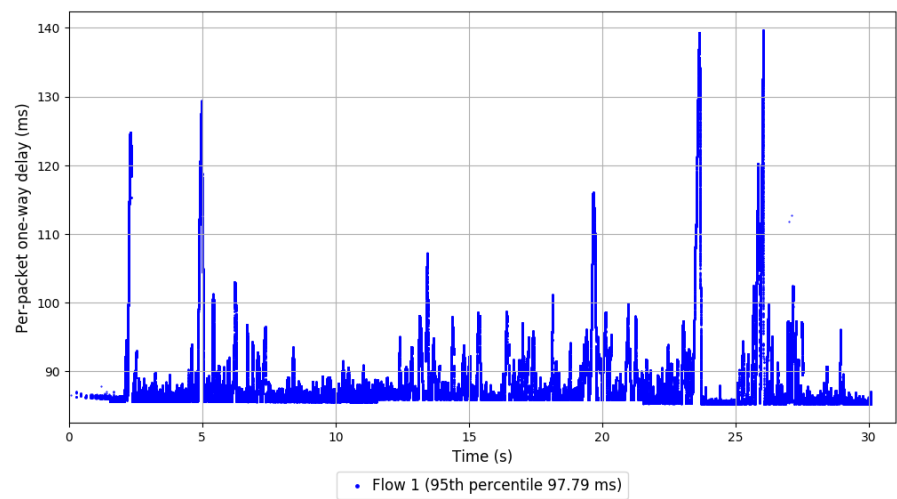
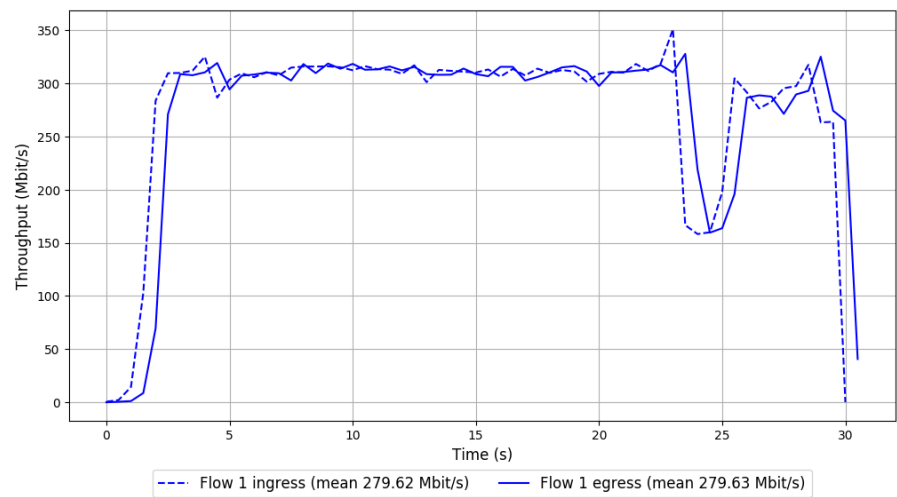


Run 2: Statistics of Copa

Start at: 2018-07-24 06:10:27
End at: 2018-07-24 06:10:57
Local clock offset: 21.73 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2018-07-24 09:49:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 279.63 Mbit/s
95th percentile per-packet one-way delay: 97.790 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 279.63 Mbit/s
95th percentile per-packet one-way delay: 97.790 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

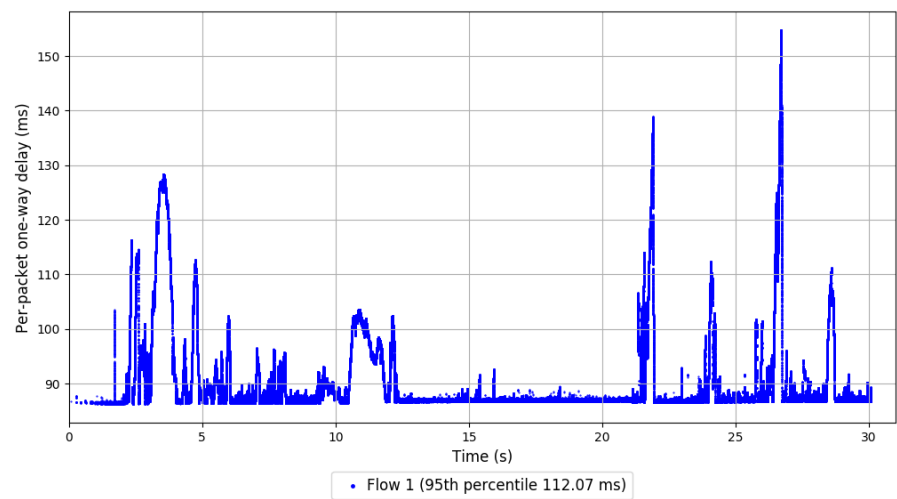
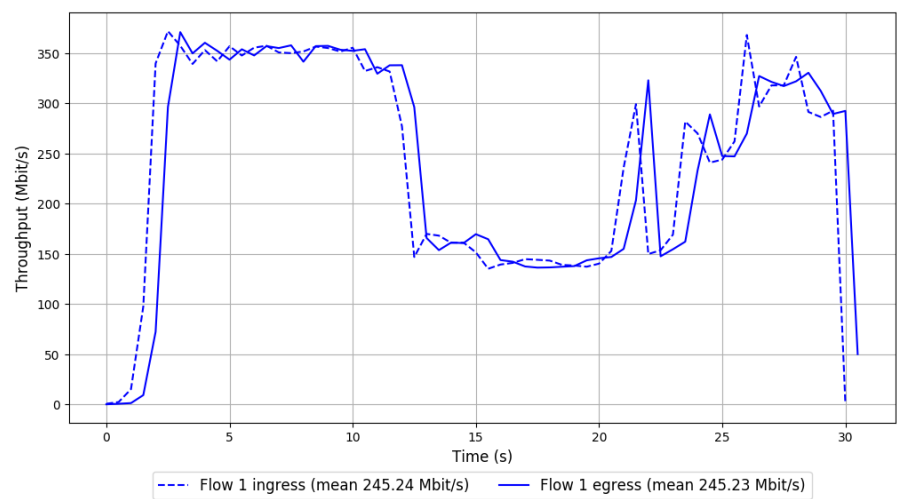


Run 3: Statistics of Copa

Start at: 2018-07-24 06:33:08
End at: 2018-07-24 06:33:38
Local clock offset: 34.081 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2018-07-24 09:49:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 245.23 Mbit/s
95th percentile per-packet one-way delay: 112.069 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 245.23 Mbit/s
95th percentile per-packet one-way delay: 112.069 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

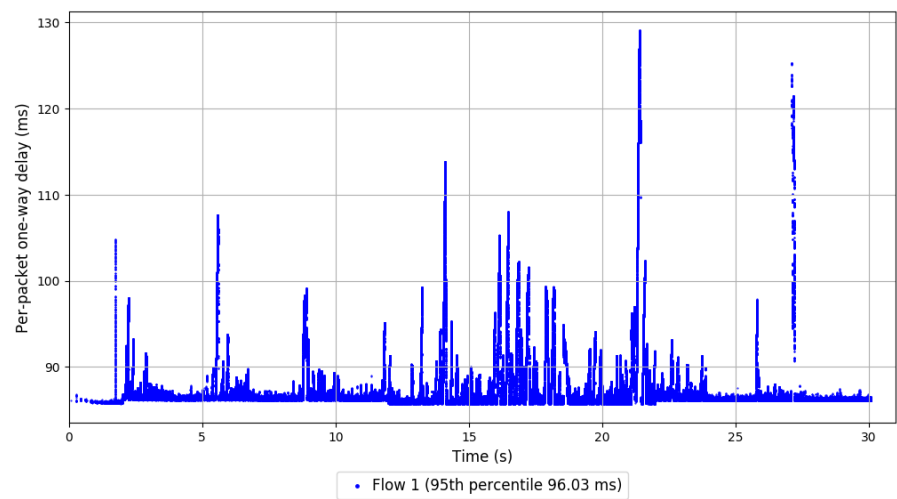
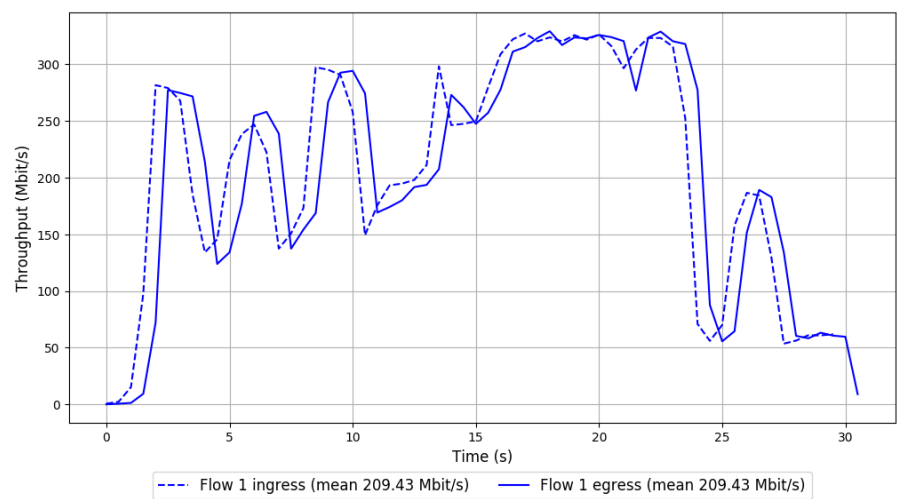


Run 4: Statistics of Copa

Start at: 2018-07-24 06:55:37
End at: 2018-07-24 06:56:07
Local clock offset: 15.957 ms
Remote clock offset: -0.138 ms

Below is generated by plot.py at 2018-07-24 09:49:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.43 Mbit/s
95th percentile per-packet one-way delay: 96.034 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 209.43 Mbit/s
95th percentile per-packet one-way delay: 96.034 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

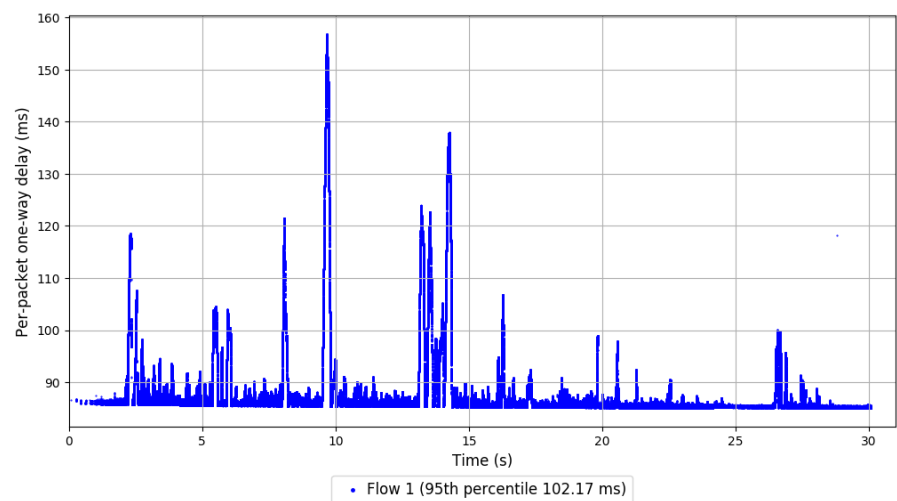
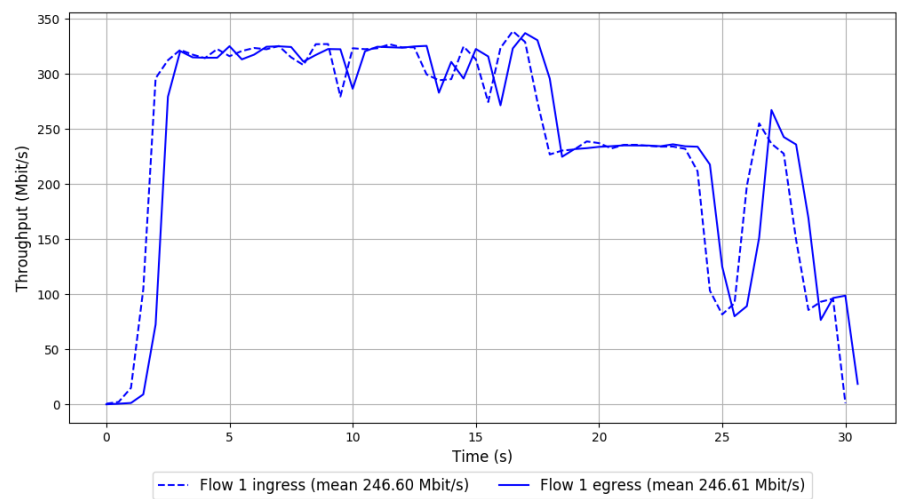


Run 5: Statistics of Copa

Start at: 2018-07-24 07:18:05
End at: 2018-07-24 07:18:35
Local clock offset: 13.979 ms
Remote clock offset: -0.197 ms

Below is generated by plot.py at 2018-07-24 09:49:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 246.61 Mbit/s
95th percentile per-packet one-way delay: 102.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 246.61 Mbit/s
95th percentile per-packet one-way delay: 102.166 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-07-24 07:40:59

End at: 2018-07-24 07:41:29

Local clock offset: 8.641 ms

Remote clock offset: -0.13 ms

Below is generated by plot.py at 2018-07-24 09:49:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 279.65 Mbit/s

95th percentile per-packet one-way delay: 107.054 ms

Loss rate: 0.00%

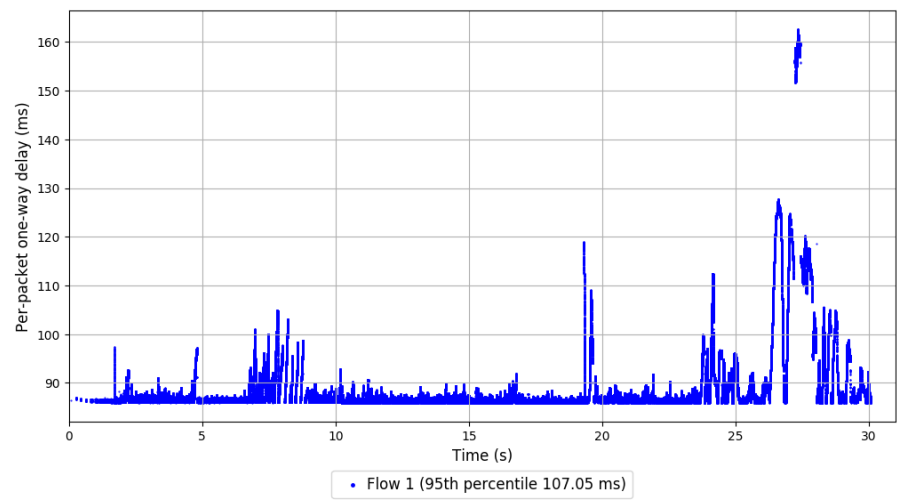
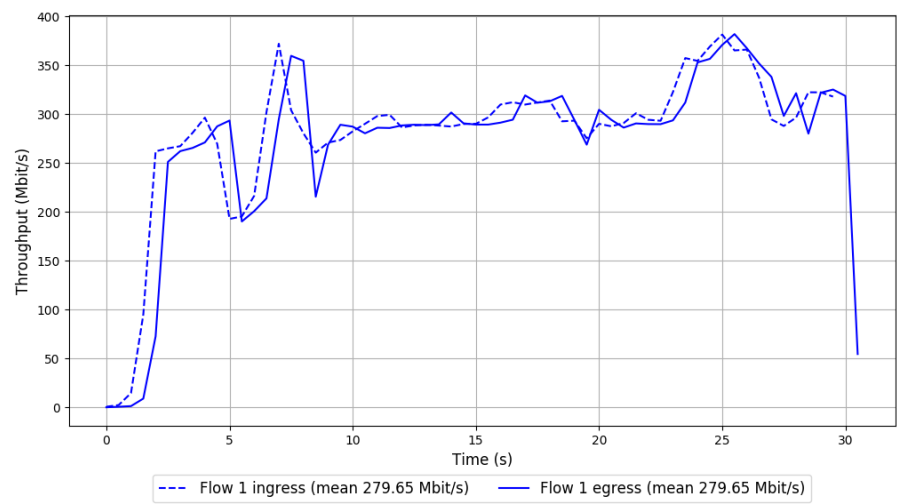
-- Flow 1:

Average throughput: 279.65 Mbit/s

95th percentile per-packet one-way delay: 107.054 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link

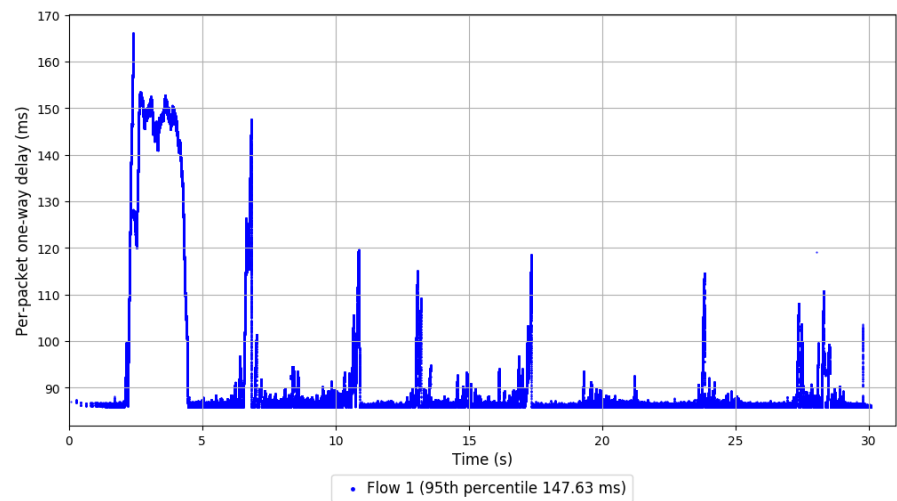
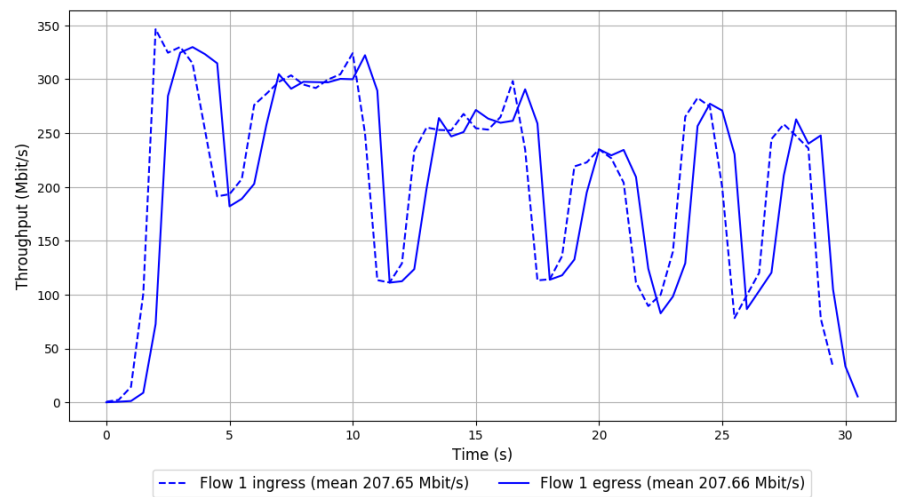


Run 7: Statistics of Copa

Start at: 2018-07-24 08:03:19
End at: 2018-07-24 08:03:49
Local clock offset: 2.472 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-07-24 09:49:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 207.66 Mbit/s
95th percentile per-packet one-way delay: 147.627 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 207.66 Mbit/s
95th percentile per-packet one-way delay: 147.627 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

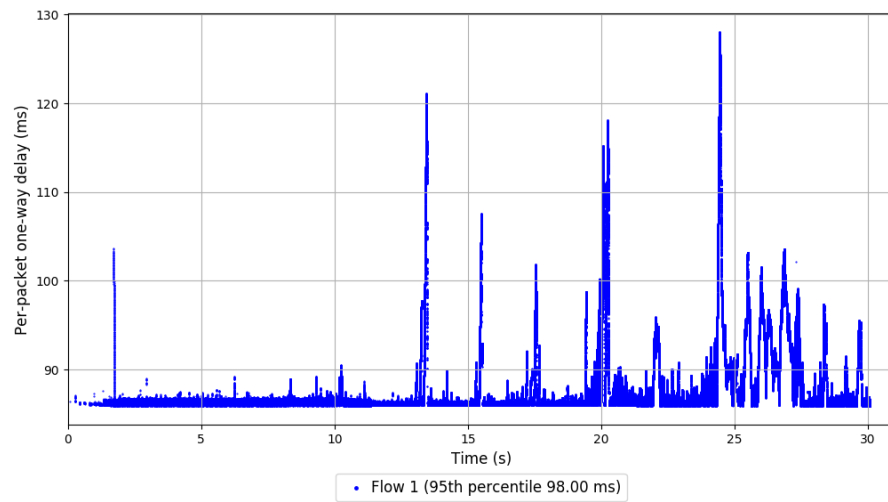
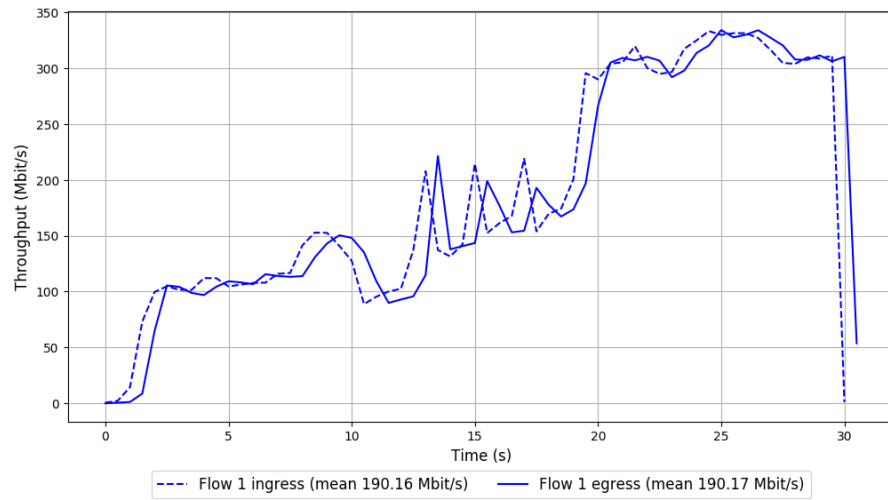


Run 8: Statistics of Copa

Start at: 2018-07-24 08:25:48
End at: 2018-07-24 08:26:18
Local clock offset: 1.431 ms
Remote clock offset: -0.077 ms

Below is generated by plot.py at 2018-07-24 09:49:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 190.17 Mbit/s
95th percentile per-packet one-way delay: 97.997 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 190.17 Mbit/s
95th percentile per-packet one-way delay: 97.997 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

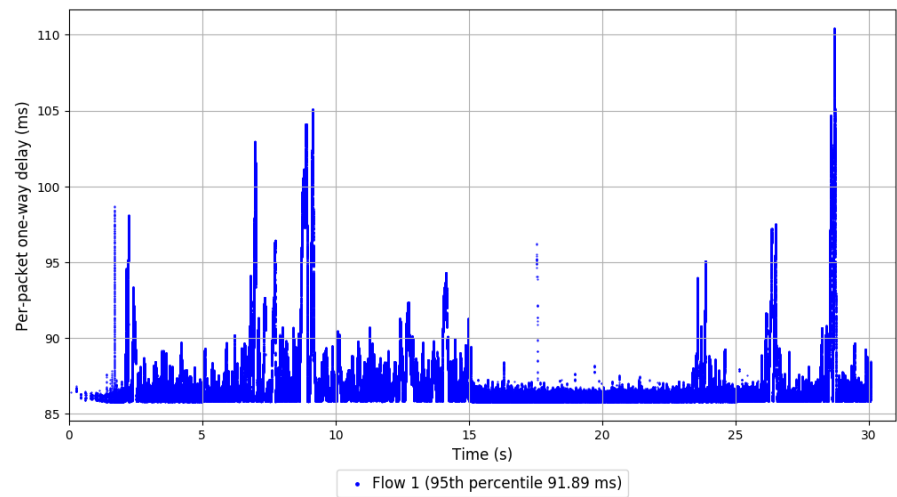
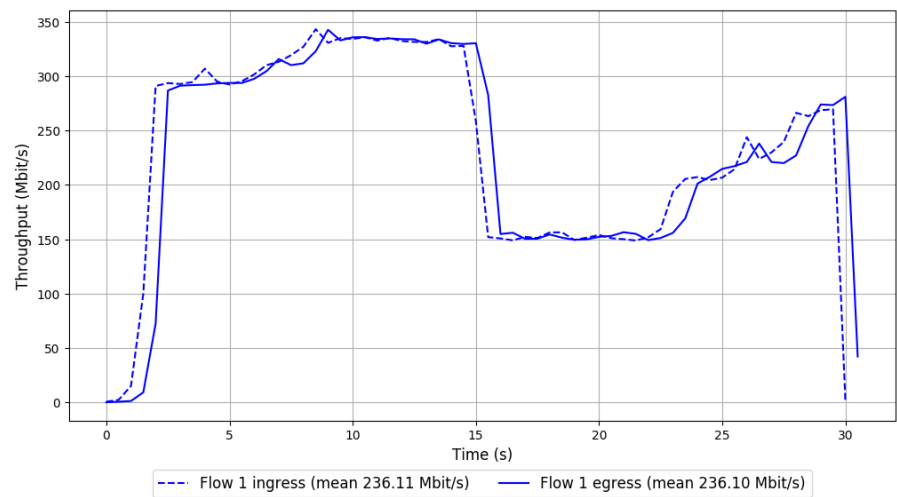


Run 9: Statistics of Copa

Start at: 2018-07-24 08:48:24
End at: 2018-07-24 08:48:54
Local clock offset: 0.852 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-07-24 09:55:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 236.10 Mbit/s
95th percentile per-packet one-way delay: 91.888 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 236.10 Mbit/s
95th percentile per-packet one-way delay: 91.888 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

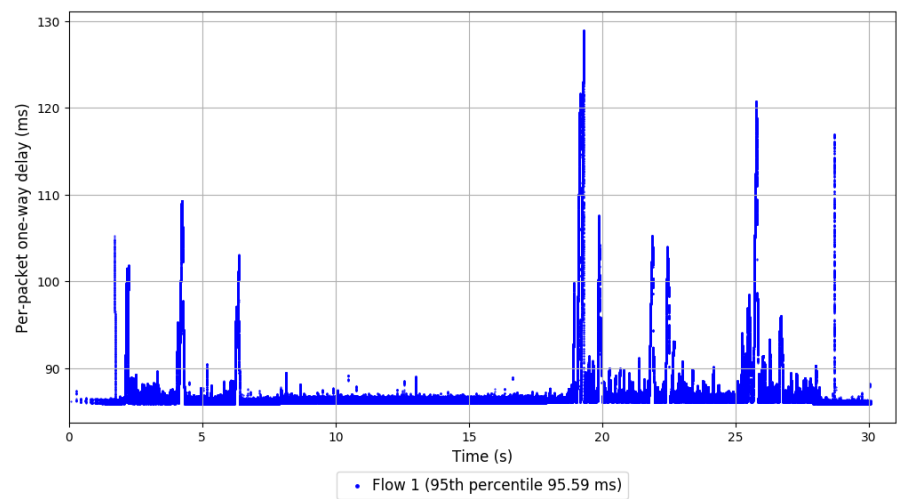
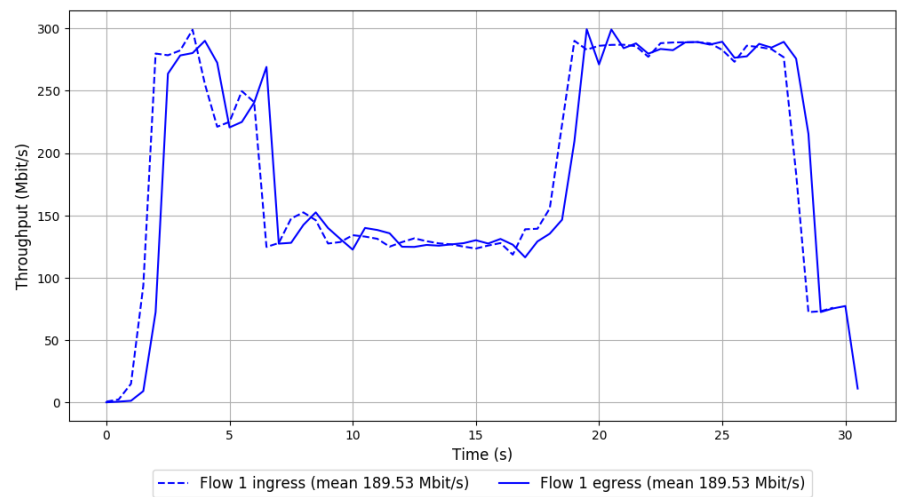


Run 10: Statistics of Copa

Start at: 2018-07-24 09:11:01
End at: 2018-07-24 09:11:31
Local clock offset: 0.341 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-07-24 09:55:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 189.53 Mbit/s
95th percentile per-packet one-way delay: 95.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 189.53 Mbit/s
95th percentile per-packet one-way delay: 95.591 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

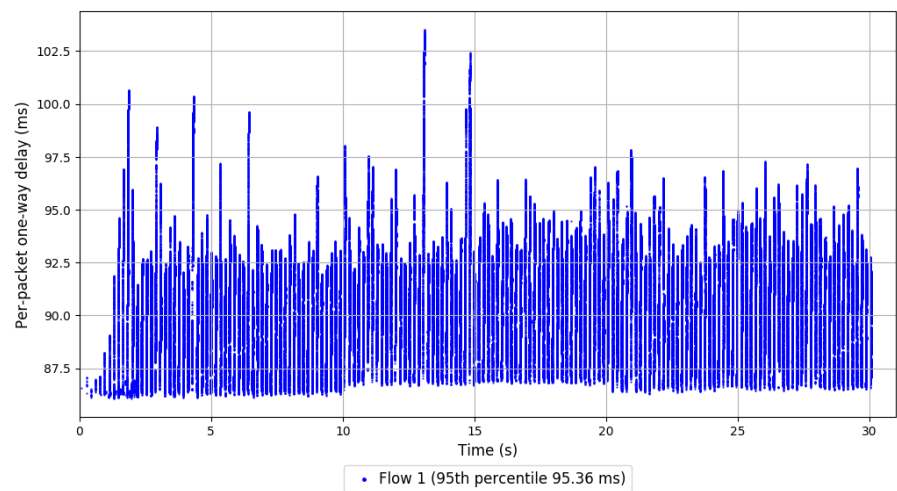
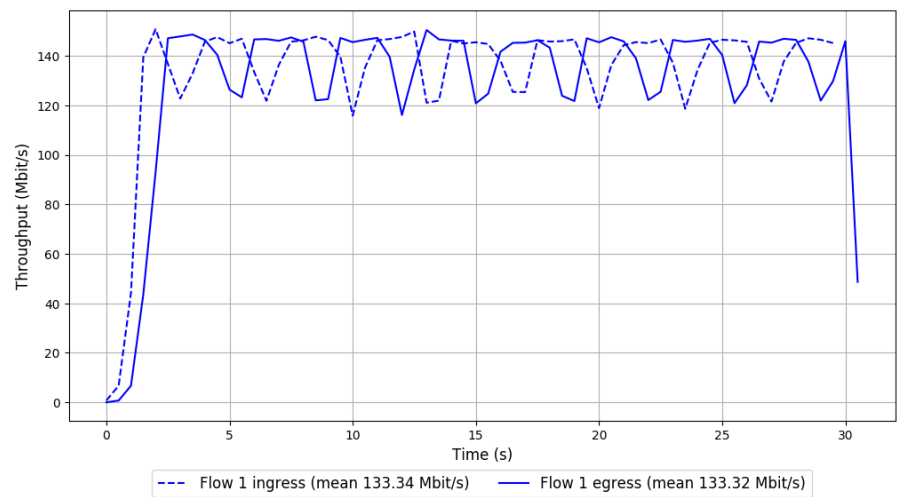


Run 1: Statistics of TCP Cubic

Start at: 2018-07-24 05:54:39
End at: 2018-07-24 05:55:09
Local clock offset: 14.32 ms
Remote clock offset: -0.173 ms

Below is generated by plot.py at 2018-07-24 09:55:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 133.32 Mbit/s
95th percentile per-packet one-way delay: 95.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 133.32 Mbit/s
95th percentile per-packet one-way delay: 95.362 ms
Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link

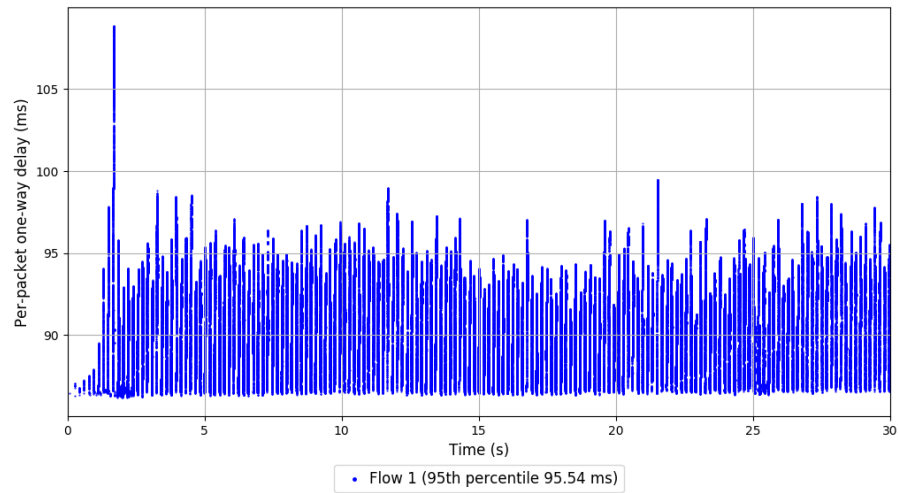
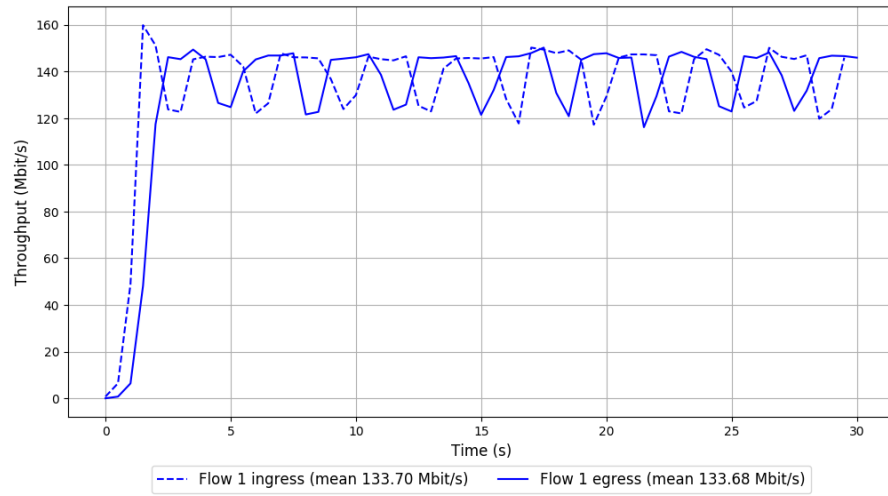


Run 2: Statistics of TCP Cubic

Start at: 2018-07-24 06:17:13
End at: 2018-07-24 06:17:43
Local clock offset: 20.999 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2018-07-24 09:55:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 133.68 Mbit/s
95th percentile per-packet one-way delay: 95.538 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 133.68 Mbit/s
95th percentile per-packet one-way delay: 95.538 ms
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

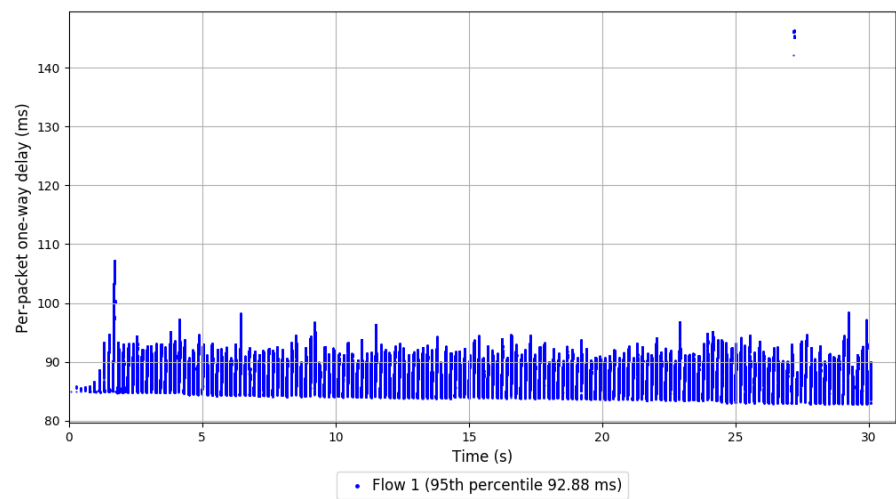
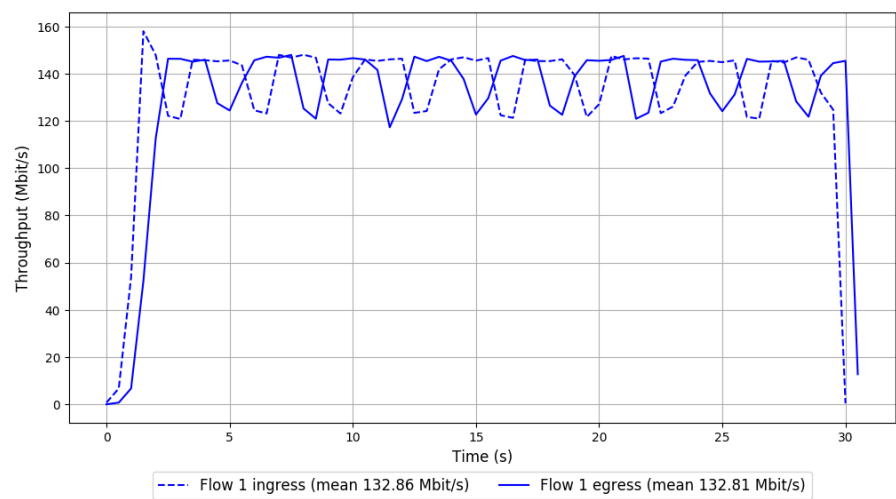


Run 3: Statistics of TCP Cubic

Start at: 2018-07-24 06:39:54
End at: 2018-07-24 06:40:24
Local clock offset: 41.096 ms
Remote clock offset: -0.309 ms

Below is generated by plot.py at 2018-07-24 09:55:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 132.81 Mbit/s
95th percentile per-packet one-way delay: 92.878 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 132.81 Mbit/s
95th percentile per-packet one-way delay: 92.878 ms
Loss rate: 0.04%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-07-24 07:02:21

End at: 2018-07-24 07:02:51

Local clock offset: 16.38 ms

Remote clock offset: -0.15 ms

Below is generated by plot.py at 2018-07-24 09:55:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 132.66 Mbit/s

95th percentile per-packet one-way delay: 96.280 ms

Loss rate: 0.00%

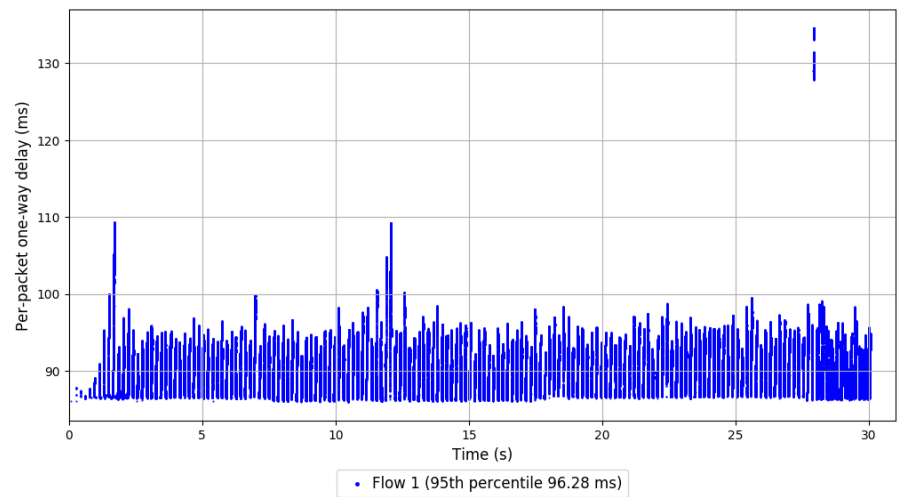
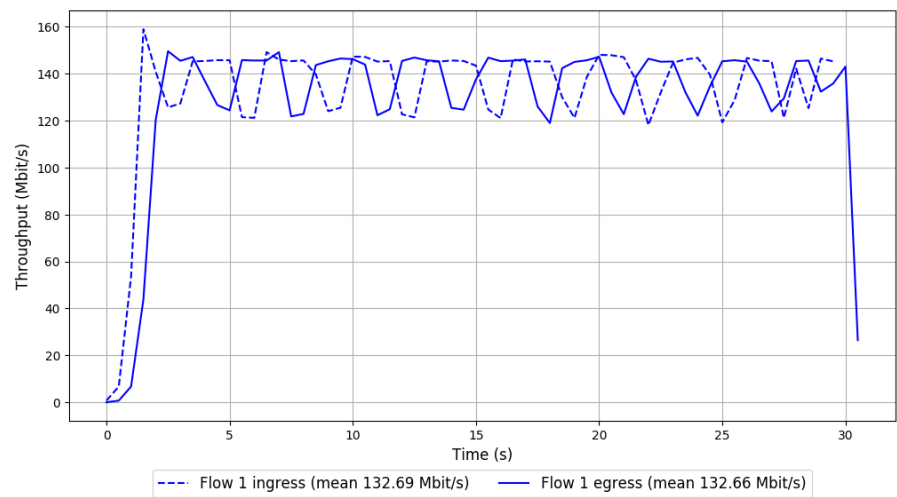
-- Flow 1:

Average throughput: 132.66 Mbit/s

95th percentile per-packet one-way delay: 96.280 ms

Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

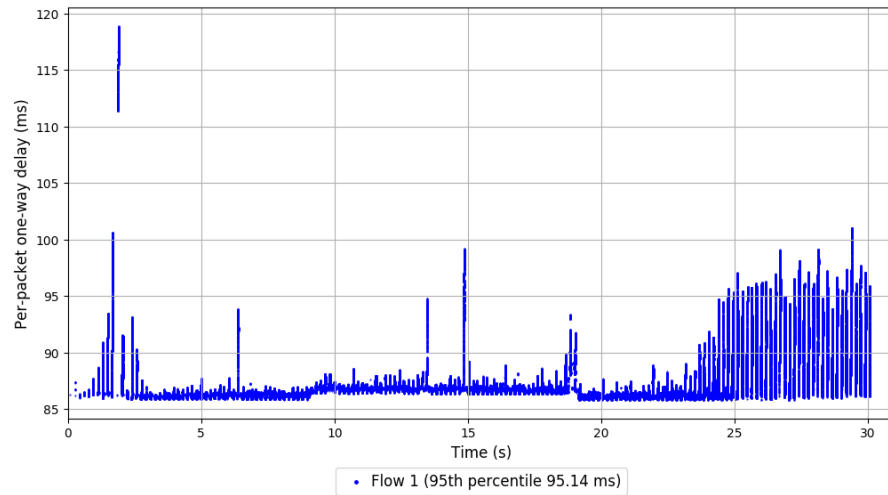
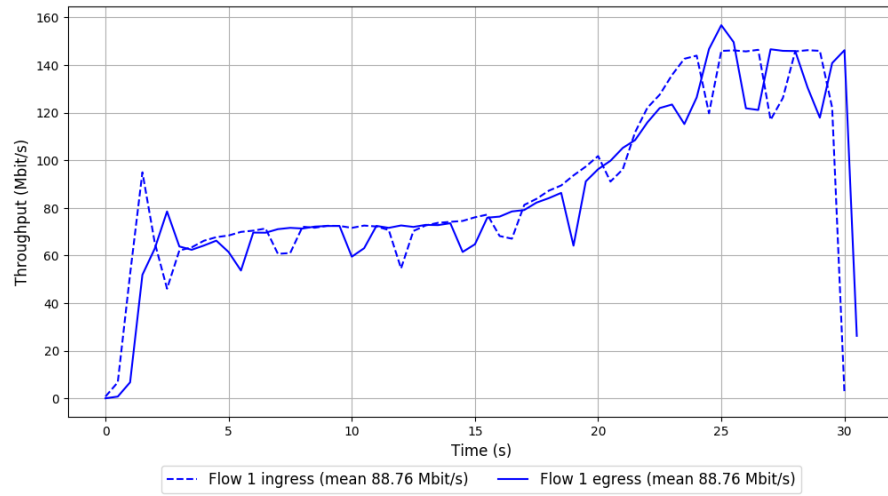


Run 5: Statistics of TCP Cubic

Start at: 2018-07-24 07:25:00
End at: 2018-07-24 07:25:30
Local clock offset: 8.789 ms
Remote clock offset: -0.064 ms

Below is generated by plot.py at 2018-07-24 09:55:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.76 Mbit/s
95th percentile per-packet one-way delay: 95.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.76 Mbit/s
95th percentile per-packet one-way delay: 95.144 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link

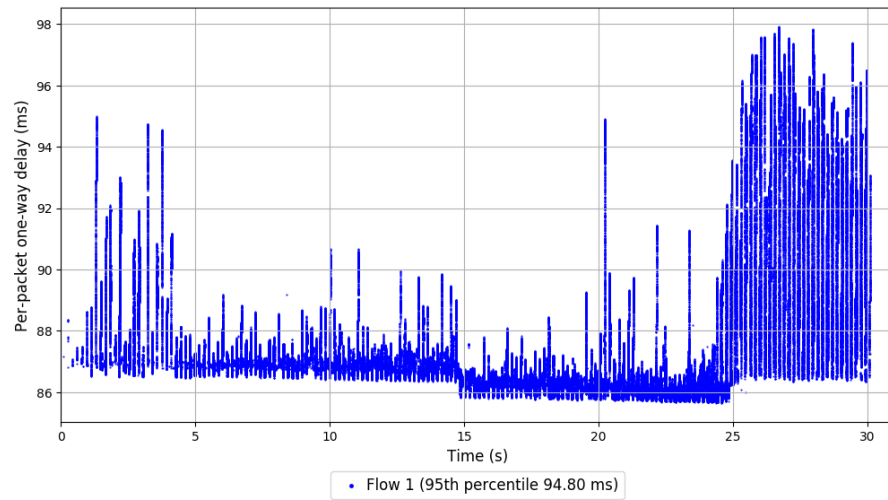
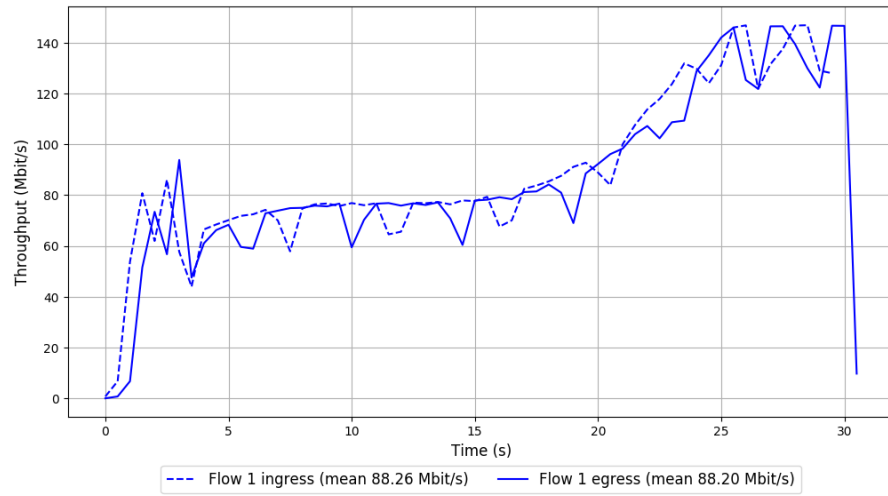


Run 6: Statistics of TCP Cubic

Start at: 2018-07-24 07:47:44
End at: 2018-07-24 07:48:14
Local clock offset: 9.998 ms
Remote clock offset: -0.096 ms

Below is generated by plot.py at 2018-07-24 09:55:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.20 Mbit/s
95th percentile per-packet one-way delay: 94.802 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 88.20 Mbit/s
95th percentile per-packet one-way delay: 94.802 ms
Loss rate: 0.05%

Run 6: Report of TCP Cubic — Data Link

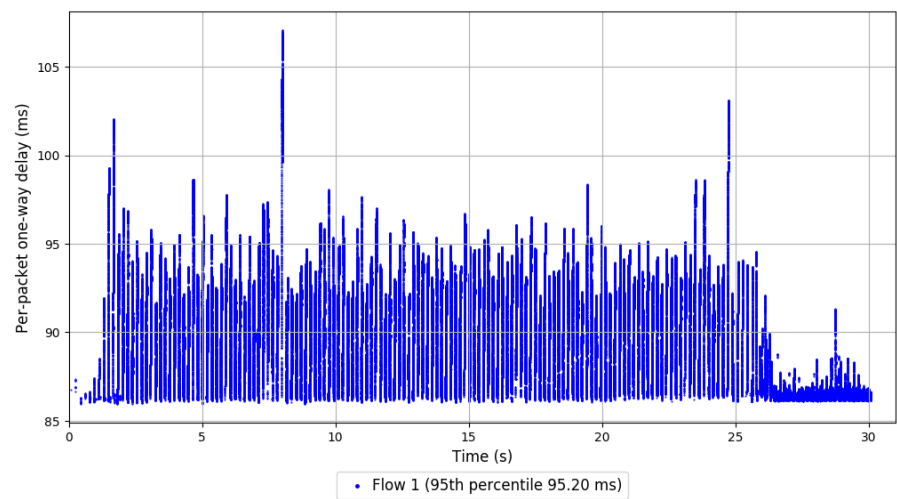
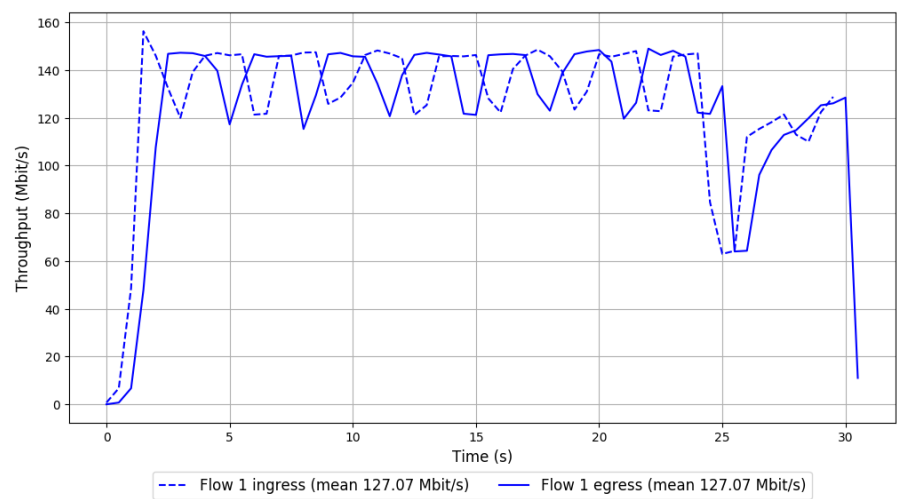


Run 7: Statistics of TCP Cubic

Start at: 2018-07-24 08:09:58
End at: 2018-07-24 08:10:28
Local clock offset: 2.041 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-07-24 09:55:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 127.07 Mbit/s
95th percentile per-packet one-way delay: 95.197 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 127.07 Mbit/s
95th percentile per-packet one-way delay: 95.197 ms
Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link

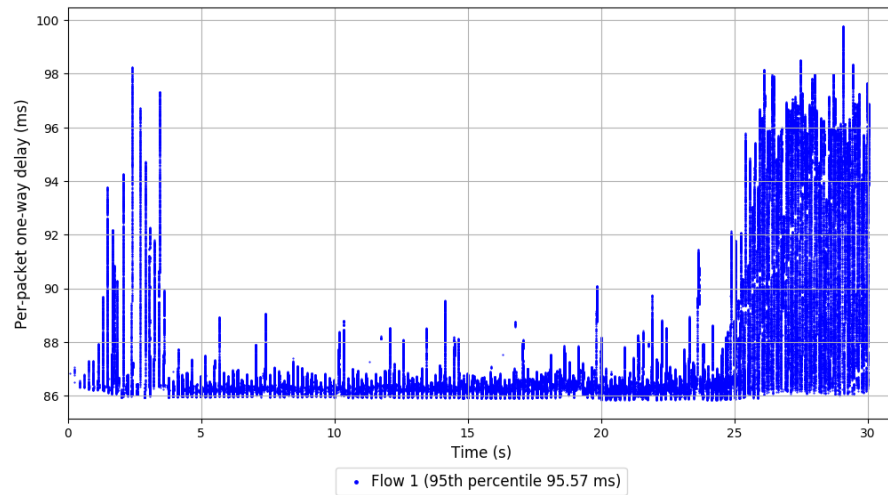
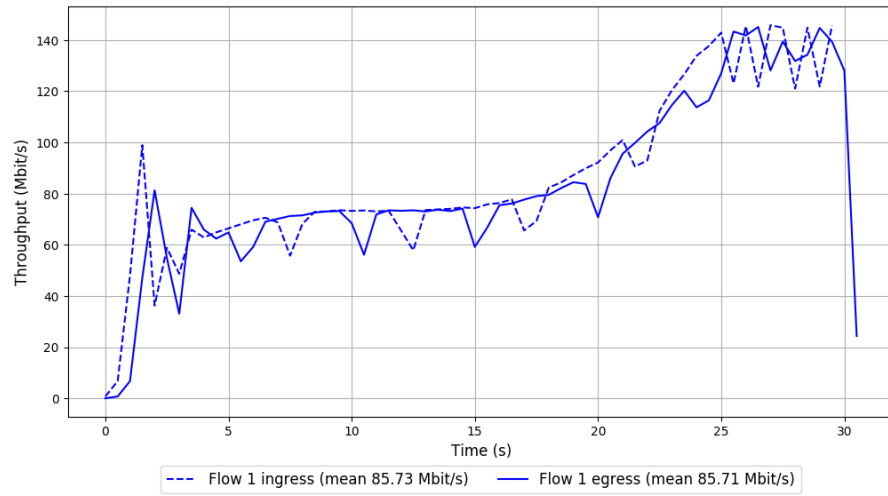


Run 8: Statistics of TCP Cubic

Start at: 2018-07-24 08:32:29
End at: 2018-07-24 08:32:59
Local clock offset: 0.882 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2018-07-24 09:55:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.71 Mbit/s
95th percentile per-packet one-way delay: 95.573 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.71 Mbit/s
95th percentile per-packet one-way delay: 95.573 ms
Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link

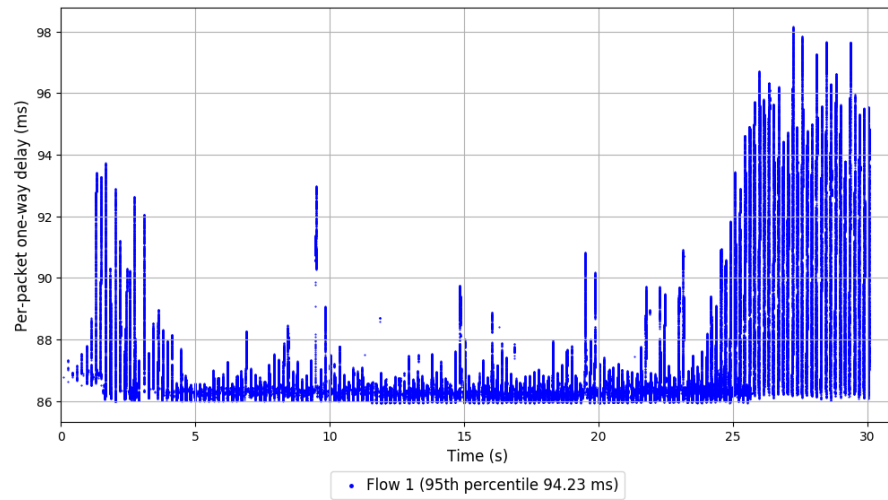
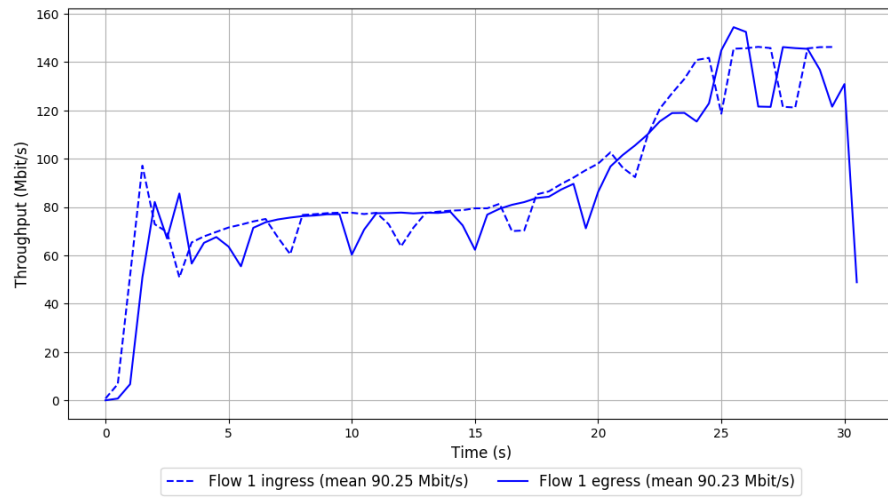


Run 9: Statistics of TCP Cubic

Start at: 2018-07-24 08:55:07
End at: 2018-07-24 08:55:37
Local clock offset: 0.946 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2018-07-24 09:55:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.23 Mbit/s
95th percentile per-packet one-way delay: 94.233 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.23 Mbit/s
95th percentile per-packet one-way delay: 94.233 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-07-24 09:17:42

End at: 2018-07-24 09:18:12

Local clock offset: 0.598 ms

Remote clock offset: -0.026 ms

Below is generated by plot.py at 2018-07-24 09:55:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 98.73 Mbit/s

95th percentile per-packet one-way delay: 95.214 ms

Loss rate: 0.00%

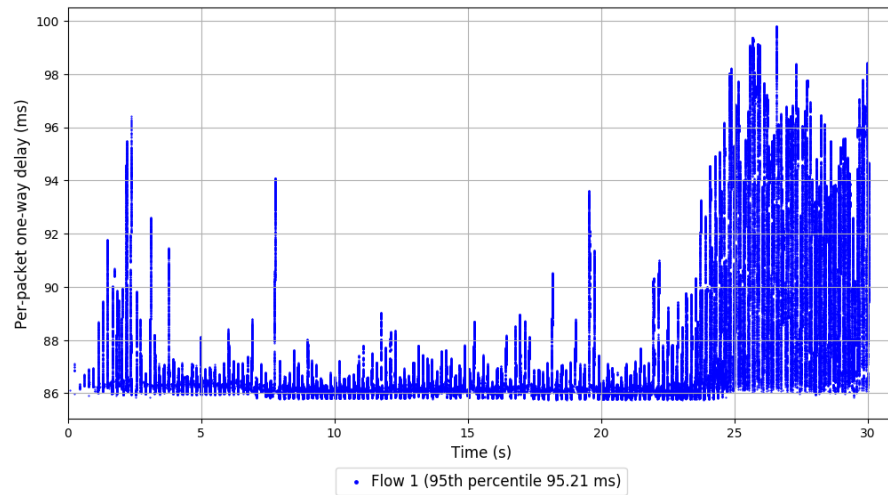
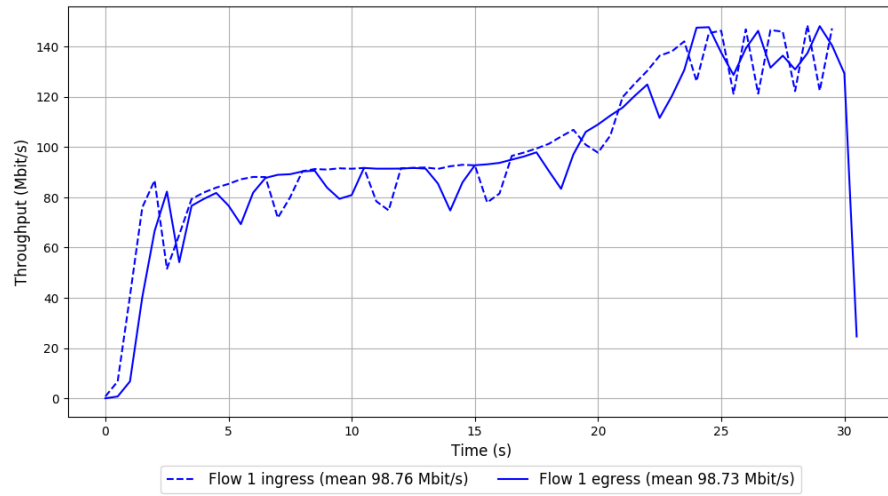
-- Flow 1:

Average throughput: 98.73 Mbit/s

95th percentile per-packet one-way delay: 95.214 ms

Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link

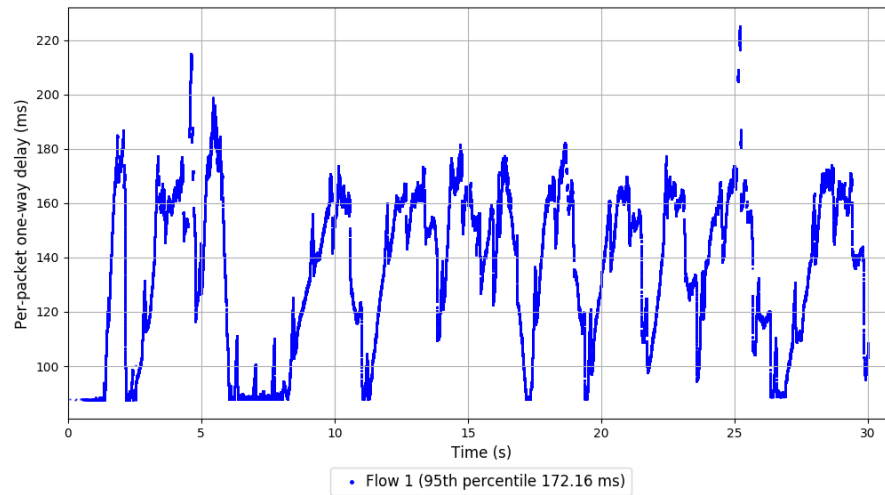
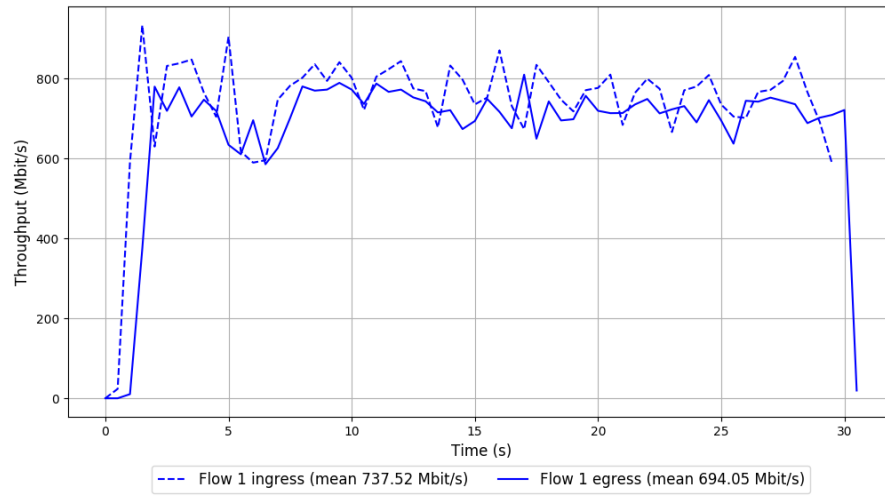


Run 1: Statistics of FillP

Start at: 2018-07-24 05:38:57
End at: 2018-07-24 05:39:27
Local clock offset: 9.334 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-24 10:11:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 694.05 Mbit/s
95th percentile per-packet one-way delay: 172.159 ms
Loss rate: 5.89%
-- Flow 1:
Average throughput: 694.05 Mbit/s
95th percentile per-packet one-way delay: 172.159 ms
Loss rate: 5.89%

Run 1: Report of FillP — Data Link

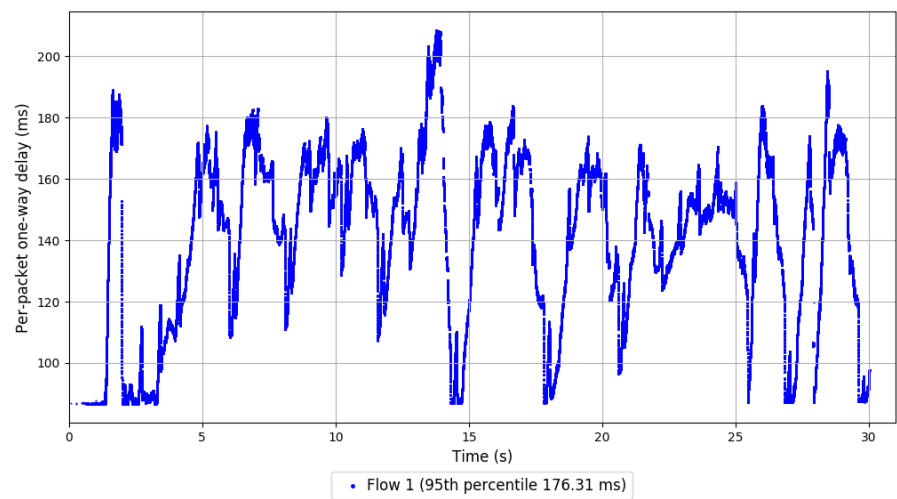
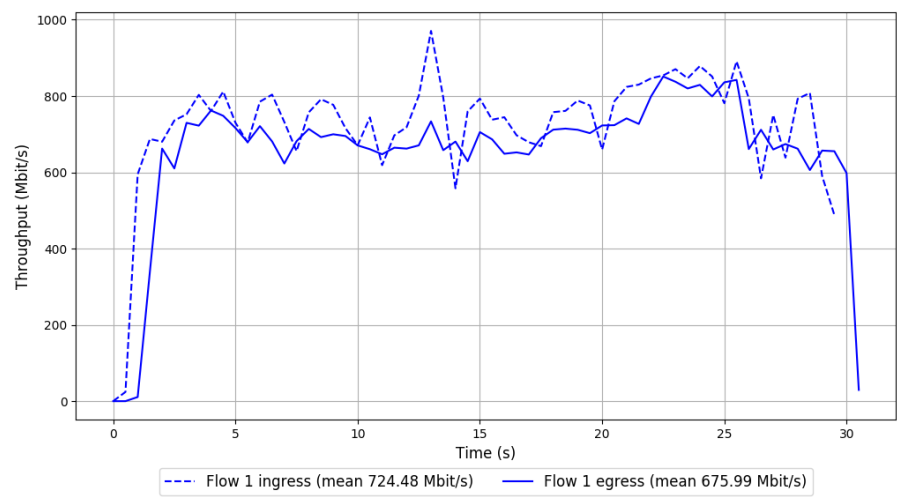


Run 2: Statistics of FillP

Start at: 2018-07-24 06:01:20
End at: 2018-07-24 06:01:50
Local clock offset: 21.531 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2018-07-24 10:11:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 675.99 Mbit/s
95th percentile per-packet one-way delay: 176.306 ms
Loss rate: 6.69%
-- Flow 1:
Average throughput: 675.99 Mbit/s
95th percentile per-packet one-way delay: 176.306 ms
Loss rate: 6.69%

Run 2: Report of FillP — Data Link

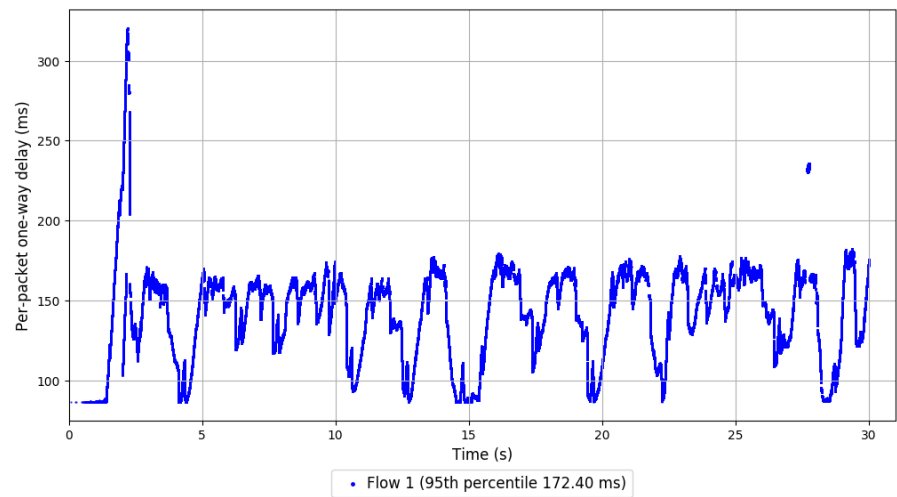
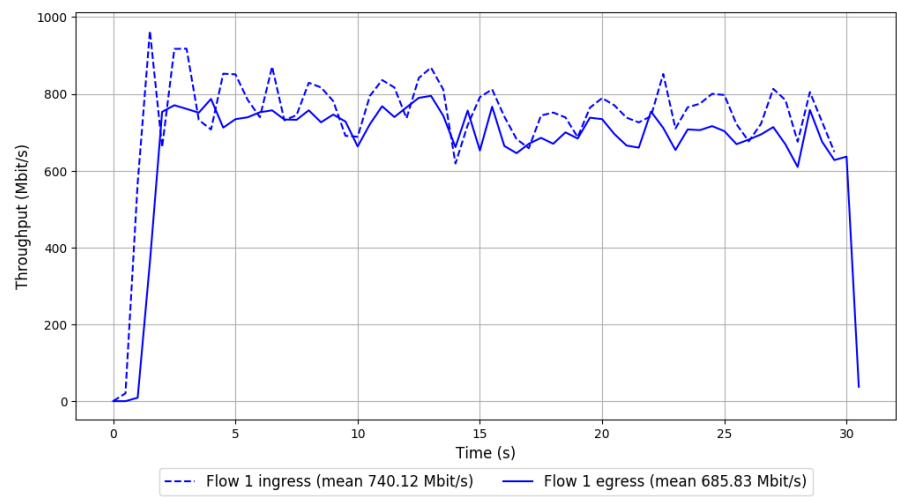


Run 3: Statistics of FillP

Start at: 2018-07-24 06:23:57
End at: 2018-07-24 06:24:27
Local clock offset: 25.075 ms
Remote clock offset: -0.152 ms

Below is generated by plot.py at 2018-07-24 10:13:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 685.83 Mbit/s
95th percentile per-packet one-way delay: 172.399 ms
Loss rate: 7.33%
-- Flow 1:
Average throughput: 685.83 Mbit/s
95th percentile per-packet one-way delay: 172.399 ms
Loss rate: 7.33%

Run 3: Report of FillP — Data Link

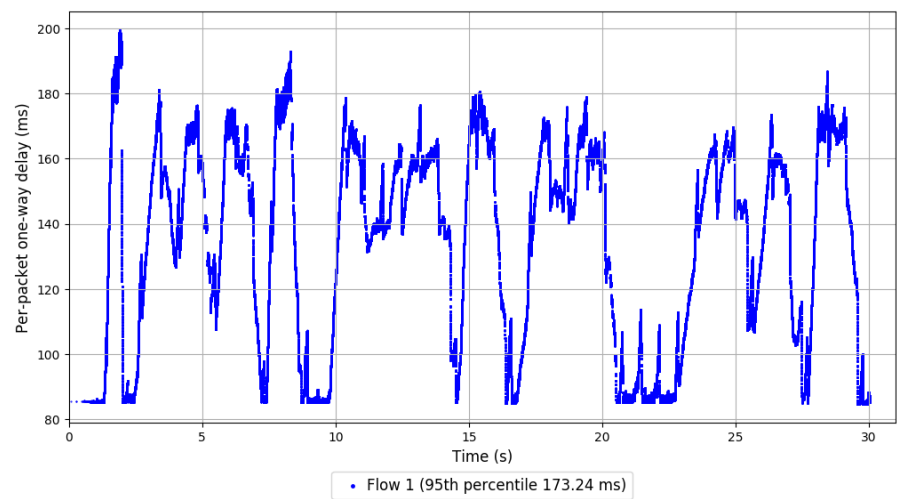
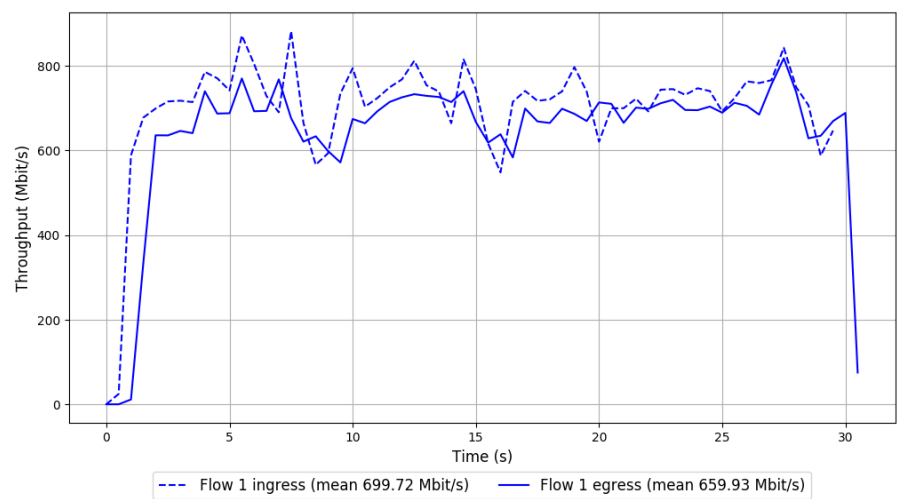


Run 4: Statistics of FillP

Start at: 2018-07-24 06:46:30
End at: 2018-07-24 06:47:00
Local clock offset: 22.978 ms
Remote clock offset: -0.281 ms

Below is generated by plot.py at 2018-07-24 10:13:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 659.93 Mbit/s
95th percentile per-packet one-way delay: 173.242 ms
Loss rate: 5.69%
-- Flow 1:
Average throughput: 659.93 Mbit/s
95th percentile per-packet one-way delay: 173.242 ms
Loss rate: 5.69%

Run 4: Report of FillP — Data Link

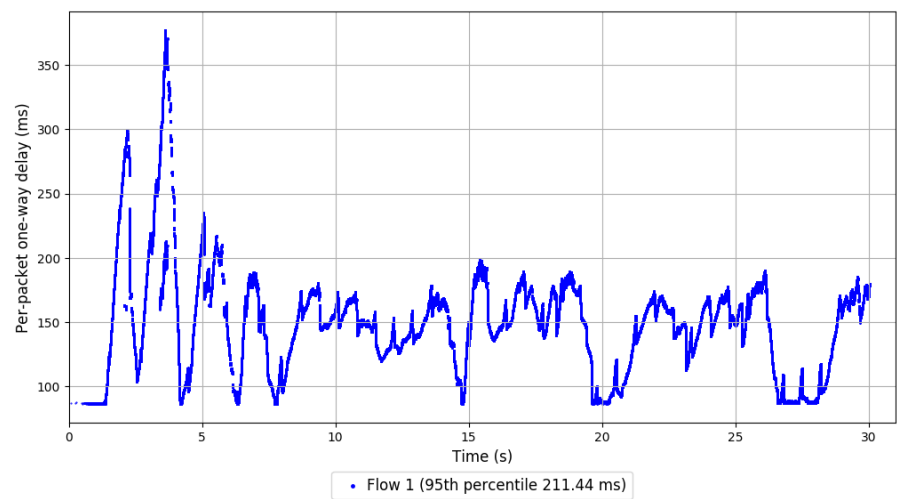
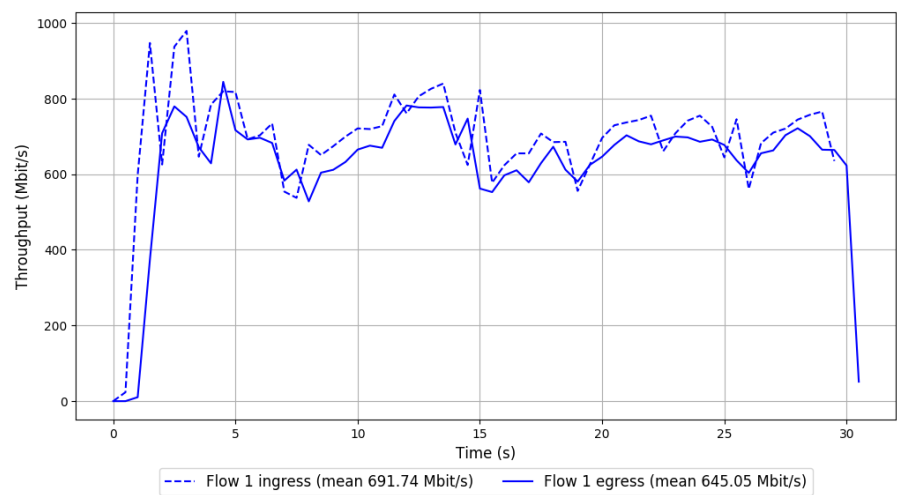


Run 5: Statistics of FillP

Start at: 2018-07-24 07:08:55
End at: 2018-07-24 07:09:25
Local clock offset: 18.544 ms
Remote clock offset: -0.146 ms

Below is generated by plot.py at 2018-07-24 10:13:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 645.05 Mbit/s
95th percentile per-packet one-way delay: 211.443 ms
Loss rate: 6.75%
-- Flow 1:
Average throughput: 645.05 Mbit/s
95th percentile per-packet one-way delay: 211.443 ms
Loss rate: 6.75%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-07-24 07:31:45

End at: 2018-07-24 07:32:15

Local clock offset: 7.747 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at 2018-07-24 10:17:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 885.88 Mbit/s

95th percentile per-packet one-way delay: 250.600 ms

Loss rate: 0.31%

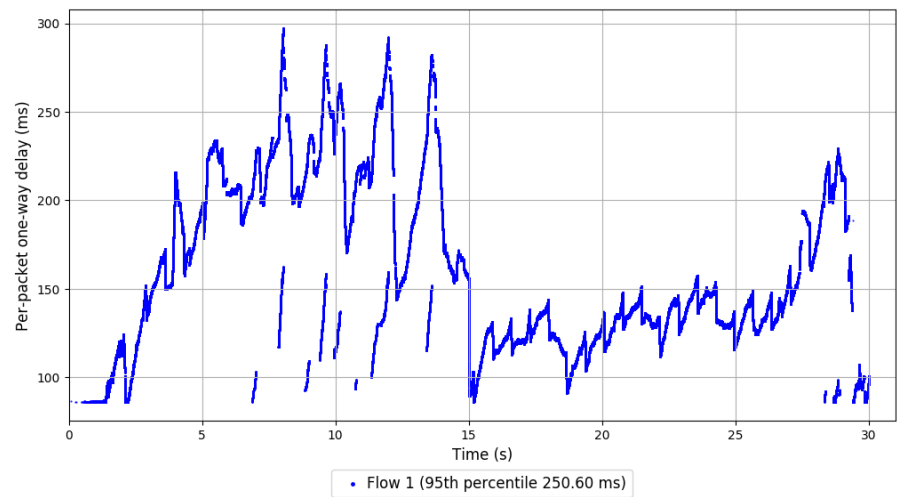
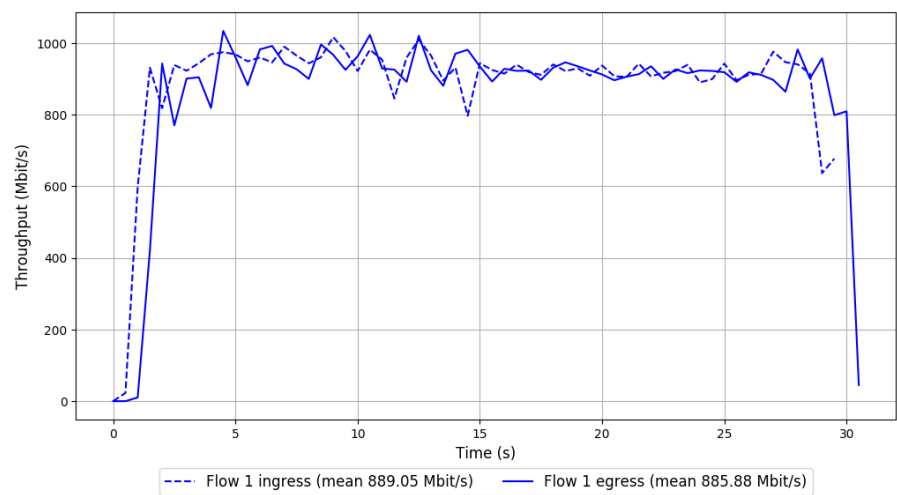
-- Flow 1:

Average throughput: 885.88 Mbit/s

95th percentile per-packet one-way delay: 250.600 ms

Loss rate: 0.31%

Run 6: Report of FillP — Data Link

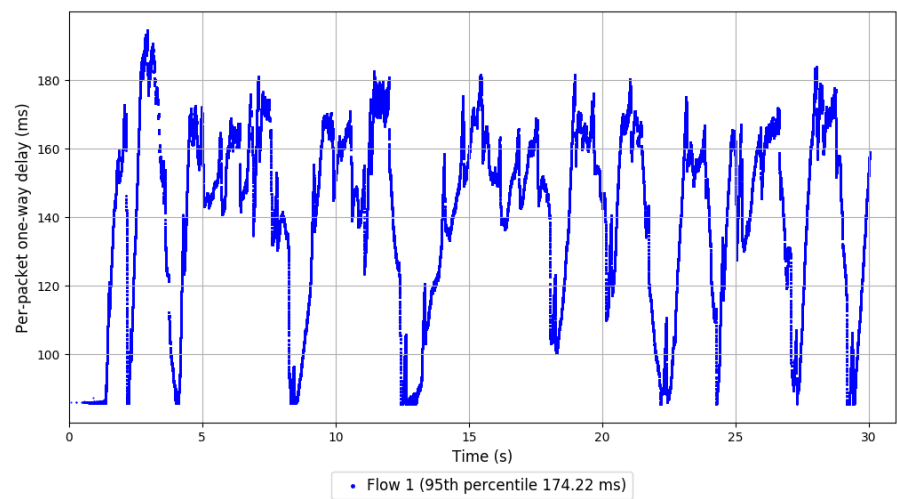
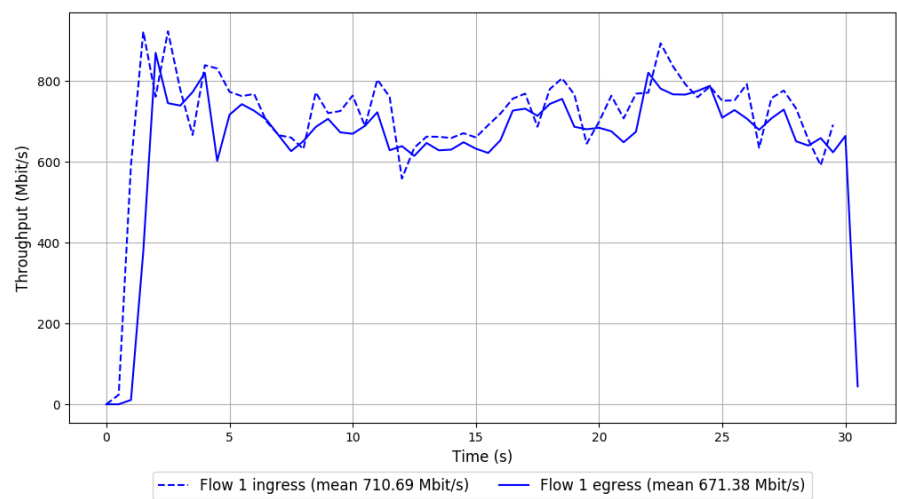


Run 7: Statistics of FillP

Start at: 2018-07-24 07:54:19
End at: 2018-07-24 07:54:49
Local clock offset: 5.167 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2018-07-24 10:17:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 671.38 Mbit/s
95th percentile per-packet one-way delay: 174.221 ms
Loss rate: 5.52%
-- Flow 1:
Average throughput: 671.38 Mbit/s
95th percentile per-packet one-way delay: 174.221 ms
Loss rate: 5.52%

Run 7: Report of FillP — Data Link

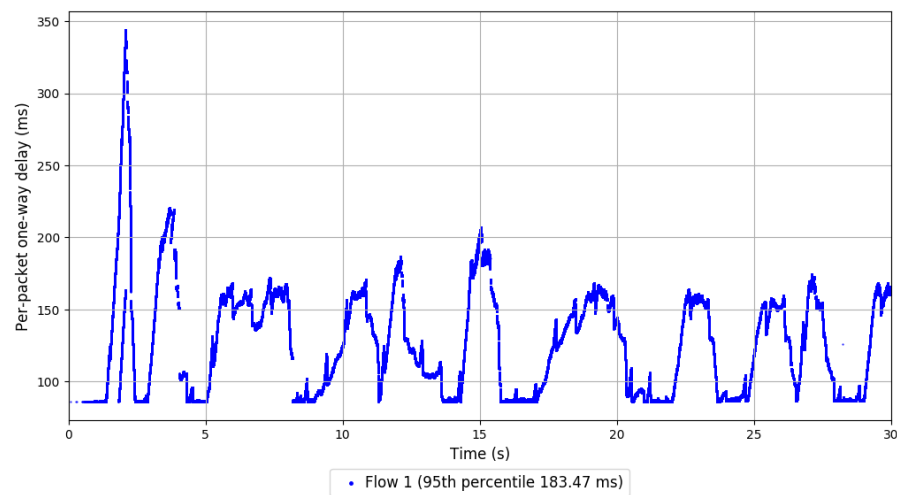
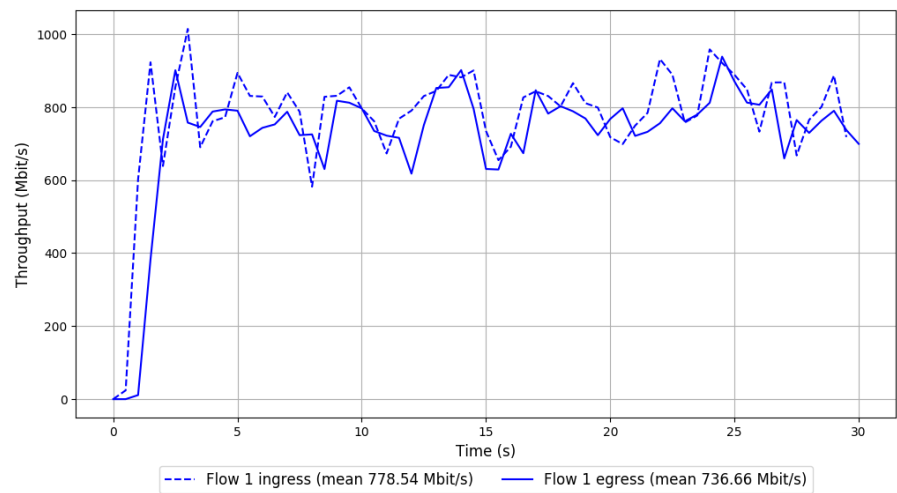


Run 8: Statistics of FillP

Start at: 2018-07-24 08:16:35
End at: 2018-07-24 08:17:05
Local clock offset: 2.058 ms
Remote clock offset: -0.113 ms

Below is generated by plot.py at 2018-07-24 10:17:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 736.66 Mbit/s
95th percentile per-packet one-way delay: 183.471 ms
Loss rate: 5.38%
-- Flow 1:
Average throughput: 736.66 Mbit/s
95th percentile per-packet one-way delay: 183.471 ms
Loss rate: 5.38%

Run 8: Report of FillP — Data Link

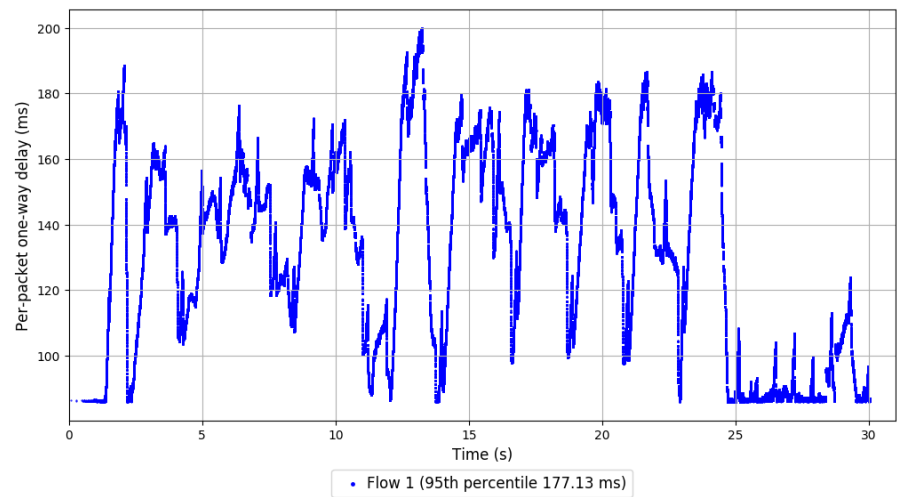
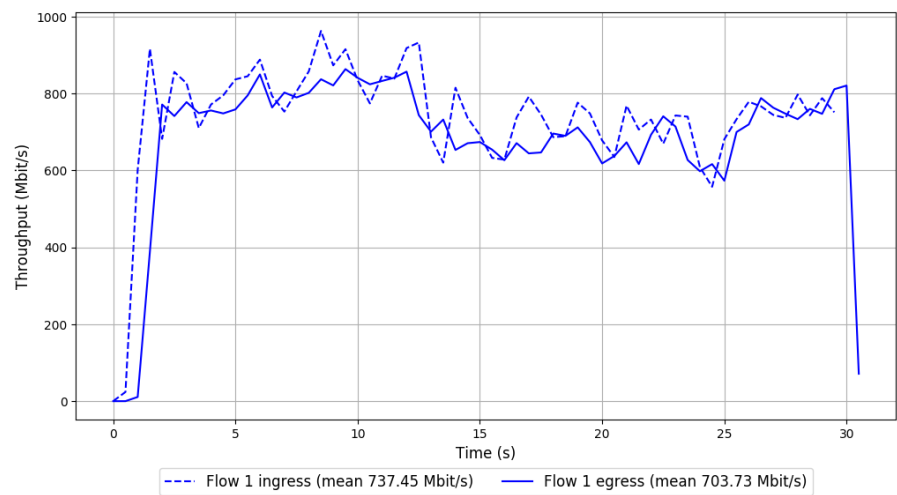


Run 9: Statistics of FillP

Start at: 2018-07-24 08:39:14
End at: 2018-07-24 08:39:44
Local clock offset: 0.815 ms
Remote clock offset: -0.113 ms

Below is generated by plot.py at 2018-07-24 10:30:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 703.73 Mbit/s
95th percentile per-packet one-way delay: 177.133 ms
Loss rate: 4.57%
-- Flow 1:
Average throughput: 703.73 Mbit/s
95th percentile per-packet one-way delay: 177.133 ms
Loss rate: 4.57%

Run 9: Report of FillP — Data Link

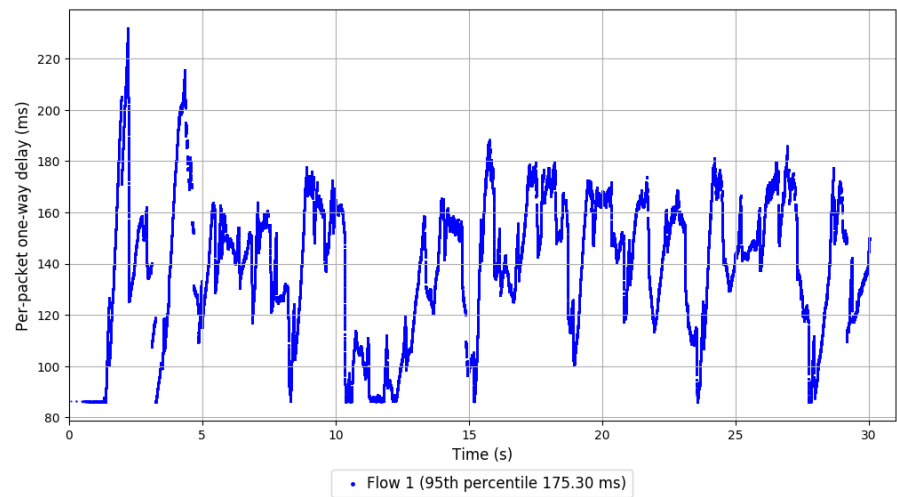
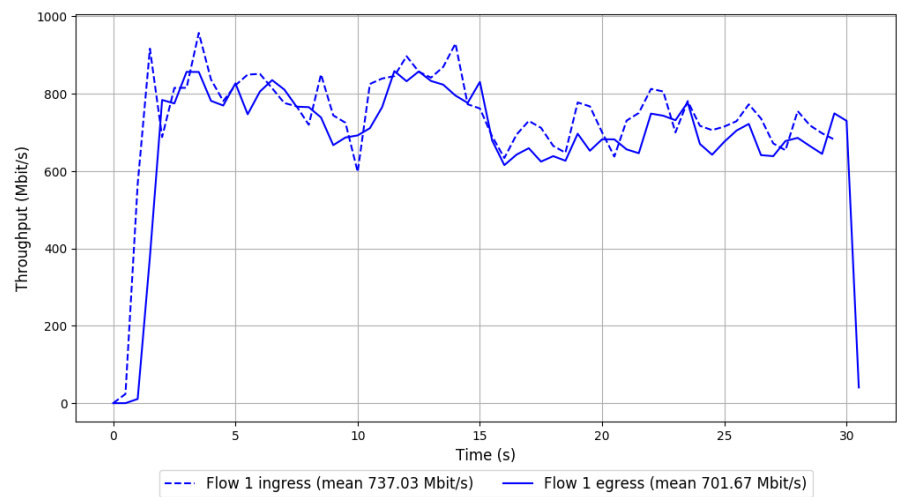


Run 10: Statistics of FillP

Start at: 2018-07-24 09:01:51
End at: 2018-07-24 09:02:21
Local clock offset: 0.591 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-07-24 10:30:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 701.67 Mbit/s
95th percentile per-packet one-way delay: 175.299 ms
Loss rate: 4.80%
-- Flow 1:
Average throughput: 701.67 Mbit/s
95th percentile per-packet one-way delay: 175.299 ms
Loss rate: 4.80%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-07-24 05:53:03

End at: 2018-07-24 05:53:33

Local clock offset: 13.874 ms

Remote clock offset: -0.15 ms

Below is generated by plot.py at 2018-07-24 10:30:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 694.69 Mbit/s

95th percentile per-packet one-way delay: 151.858 ms

Loss rate: 0.28%

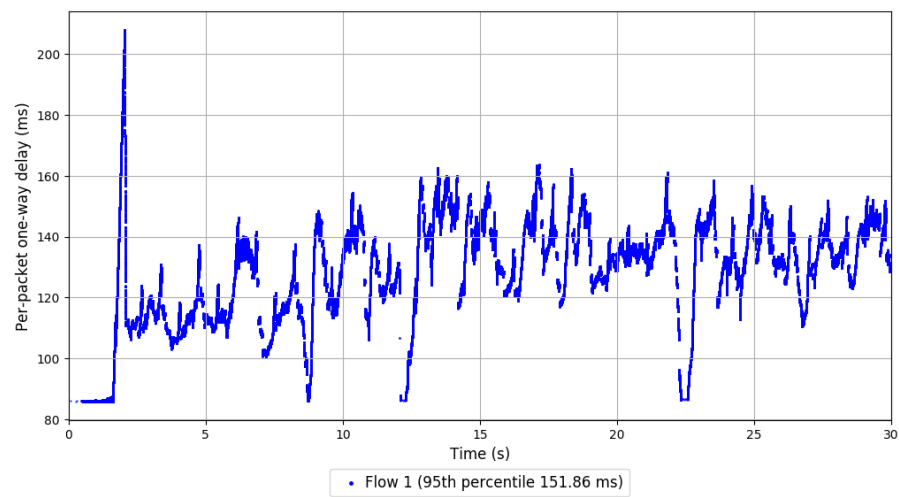
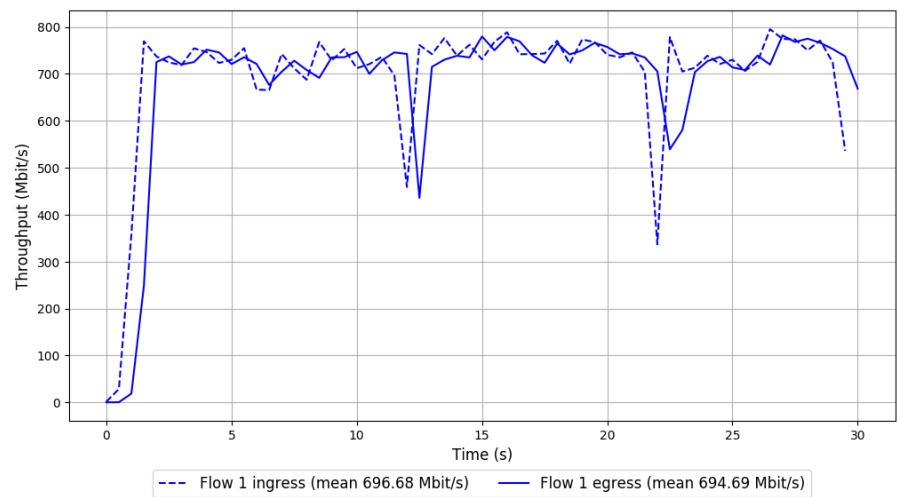
-- Flow 1:

Average throughput: 694.69 Mbit/s

95th percentile per-packet one-way delay: 151.858 ms

Loss rate: 0.28%

Run 1: Report of FillP-Sheep — Data Link

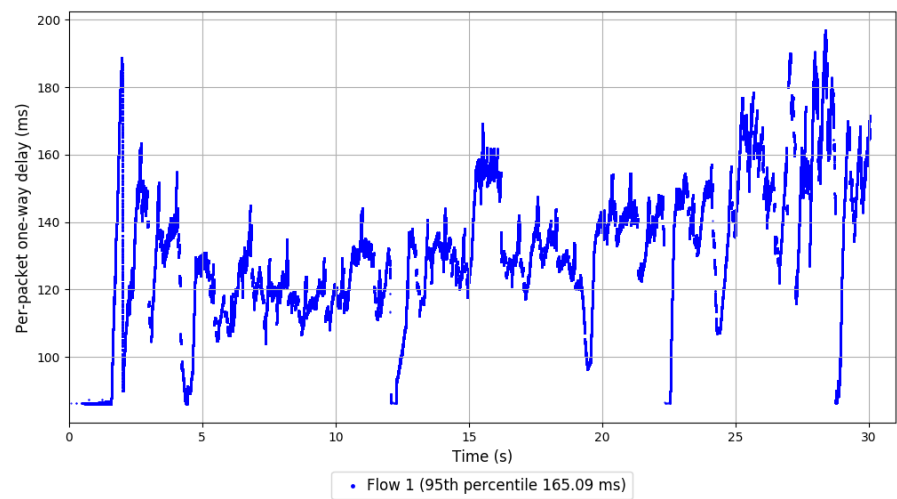
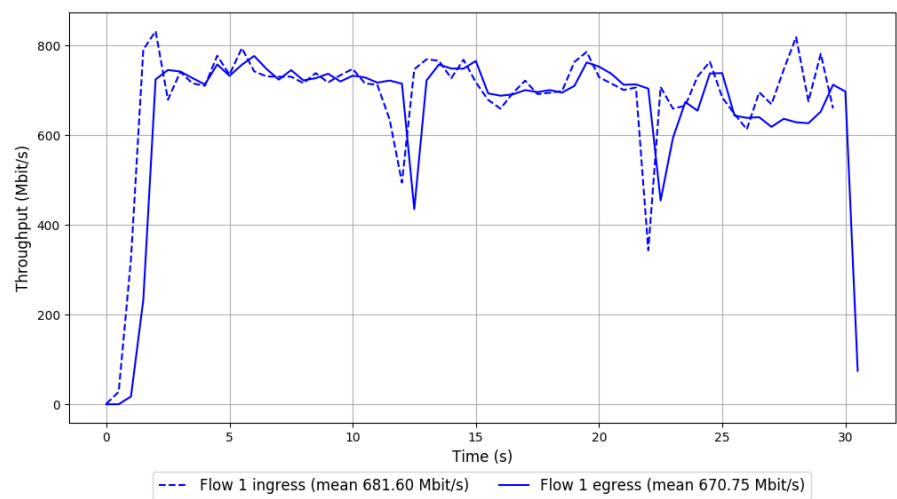


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-24 06:15:39
End at: 2018-07-24 06:16:09
Local clock offset: 20.548 ms
Remote clock offset: -0.194 ms

Below is generated by plot.py at 2018-07-24 10:30:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 670.75 Mbit/s
95th percentile per-packet one-way delay: 165.093 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 670.75 Mbit/s
95th percentile per-packet one-way delay: 165.093 ms
Loss rate: 1.59%

Run 2: Report of FillP-Sheep — Data Link

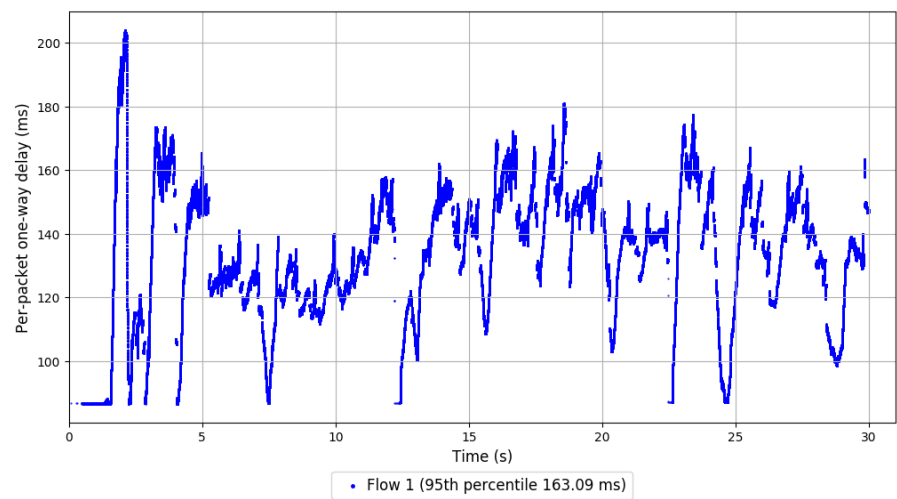
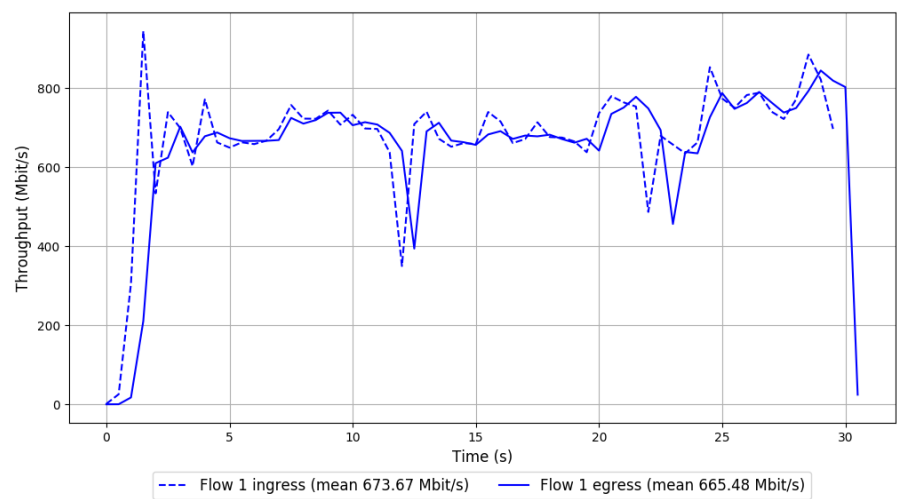


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-24 06:38:19
End at: 2018-07-24 06:38:49
Local clock offset: 39.833 ms
Remote clock offset: -0.289 ms

Below is generated by plot.py at 2018-07-24 10:30:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 665.48 Mbit/s
95th percentile per-packet one-way delay: 163.091 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 665.48 Mbit/s
95th percentile per-packet one-way delay: 163.091 ms
Loss rate: 1.18%

Run 3: Report of FillP-Sheep — Data Link

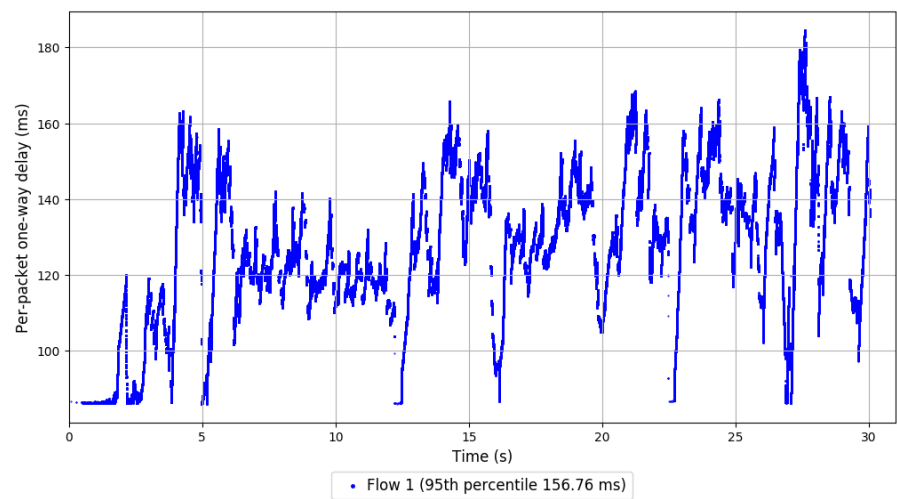
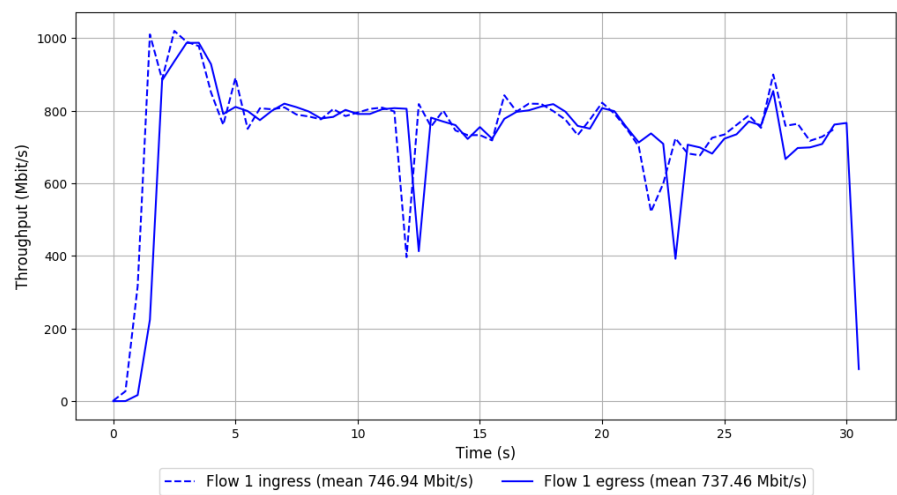


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-24 07:00:44
End at: 2018-07-24 07:01:14
Local clock offset: 15.868 ms
Remote clock offset: -0.128 ms

Below is generated by plot.py at 2018-07-24 10:33:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 737.46 Mbit/s
95th percentile per-packet one-way delay: 156.758 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 737.46 Mbit/s
95th percentile per-packet one-way delay: 156.758 ms
Loss rate: 1.27%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-24 07:23:17

End at: 2018-07-24 07:23:47

Local clock offset: 9.759 ms

Remote clock offset: -0.14 ms

Below is generated by plot.py at 2018-07-24 10:37:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 837.35 Mbit/s

95th percentile per-packet one-way delay: 147.971 ms

Loss rate: 0.15%

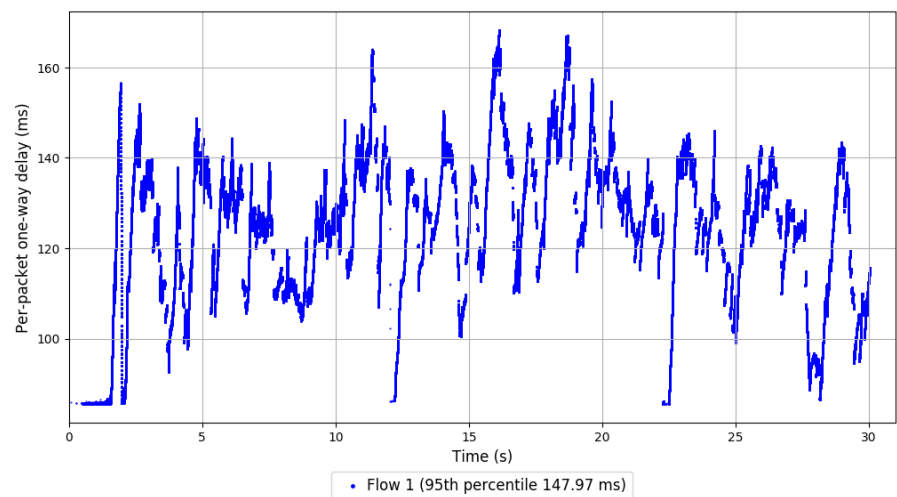
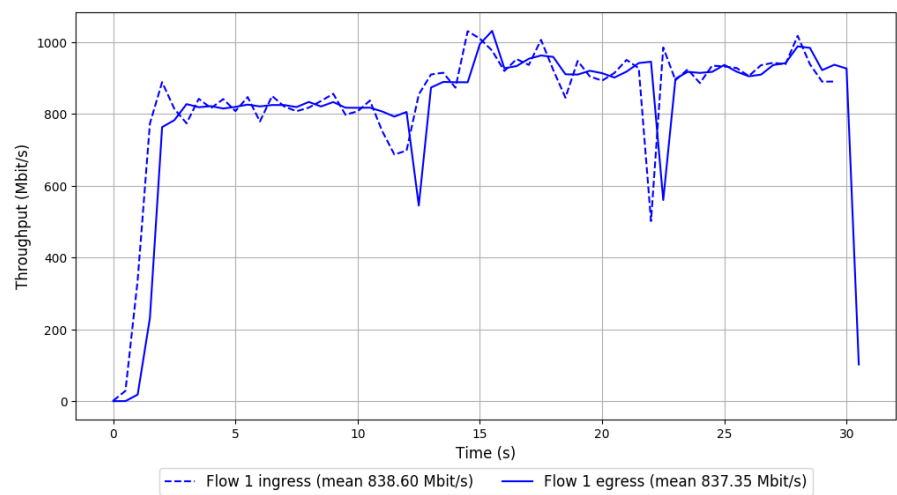
-- Flow 1:

Average throughput: 837.35 Mbit/s

95th percentile per-packet one-way delay: 147.971 ms

Loss rate: 0.15%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-07-24 07:46:10

End at: 2018-07-24 07:46:40

Local clock offset: 9.639 ms

Remote clock offset: -0.095 ms

Below is generated by plot.py at 2018-07-24 10:37:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 648.24 Mbit/s

95th percentile per-packet one-way delay: 158.515 ms

Loss rate: 0.46%

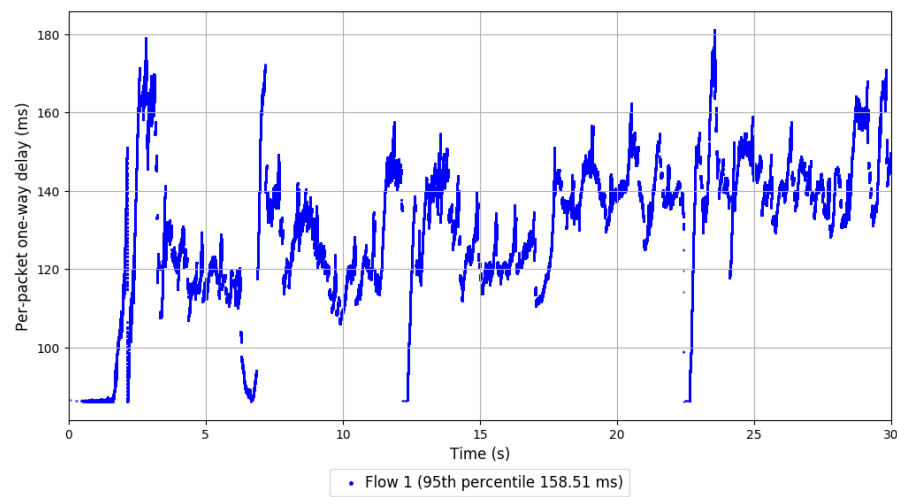
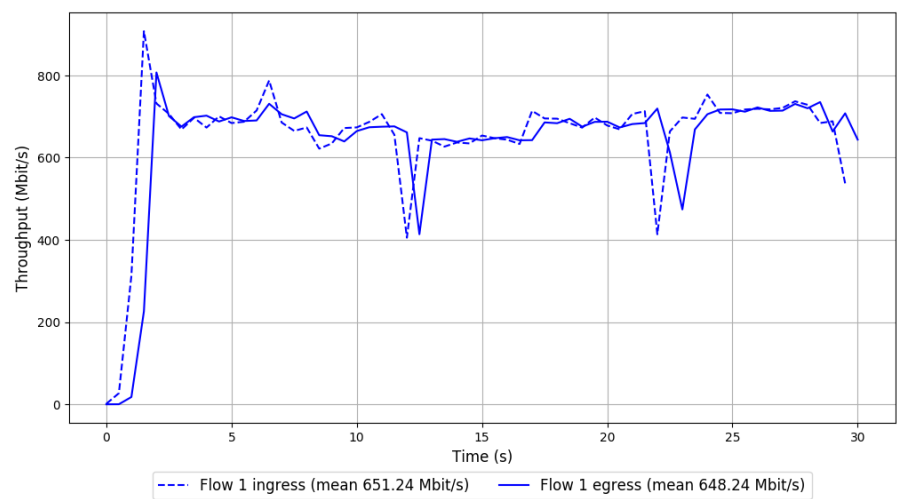
-- Flow 1:

Average throughput: 648.24 Mbit/s

95th percentile per-packet one-way delay: 158.515 ms

Loss rate: 0.46%

Run 6: Report of FillP-Sheep — Data Link

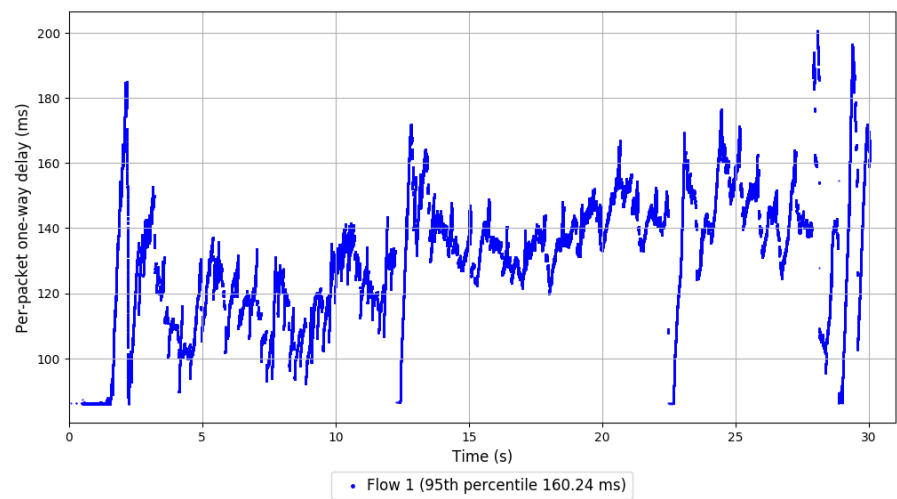
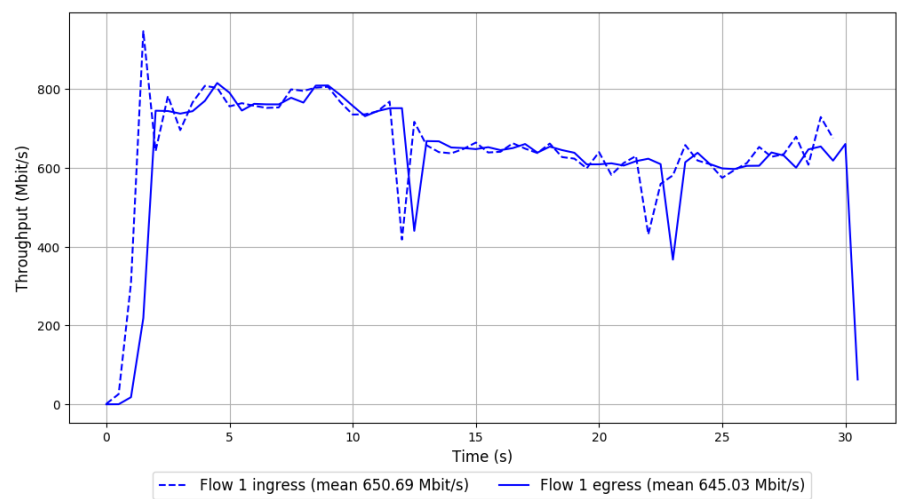


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-24 08:08:24
End at: 2018-07-24 08:08:54
Local clock offset: 2.092 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2018-07-24 10:49:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 645.03 Mbit/s
95th percentile per-packet one-way delay: 160.238 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 645.03 Mbit/s
95th percentile per-packet one-way delay: 160.238 ms
Loss rate: 0.80%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-07-24 08:30:51

End at: 2018-07-24 08:31:21

Local clock offset: 0.986 ms

Remote clock offset: -0.12 ms

Below is generated by plot.py at 2018-07-24 10:51:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 716.13 Mbit/s

95th percentile per-packet one-way delay: 161.682 ms

Loss rate: 1.45%

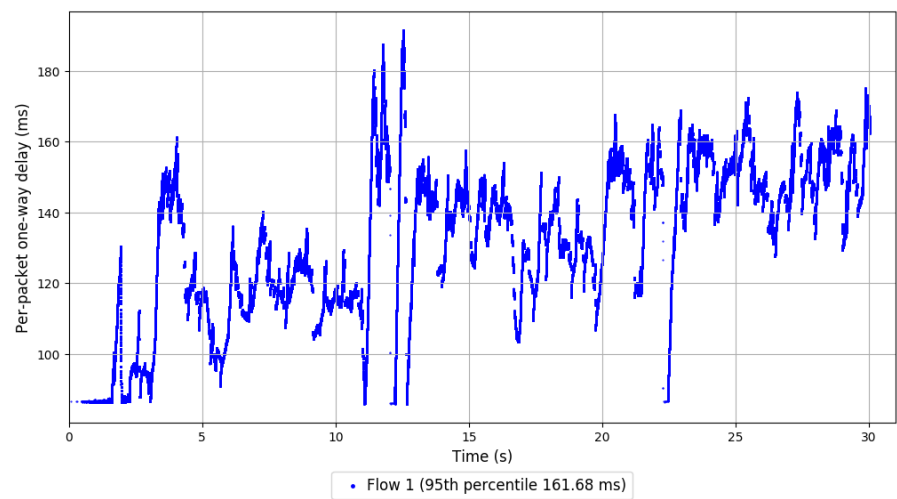
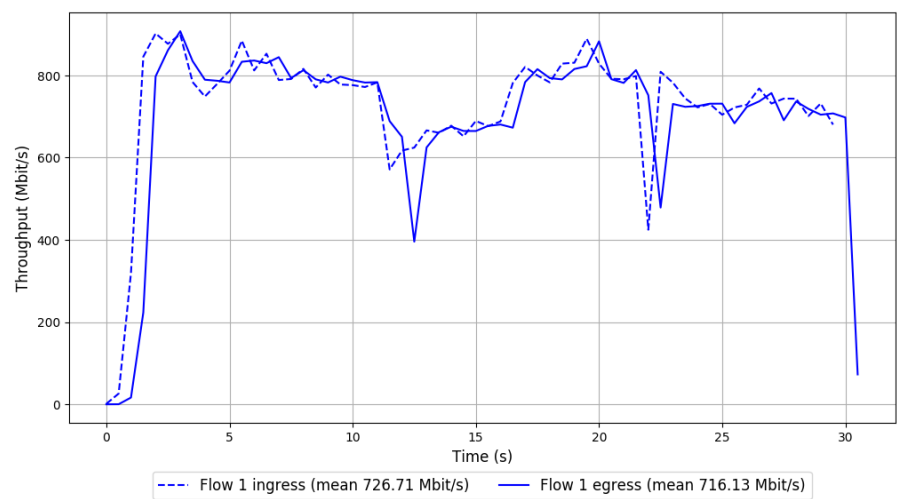
-- Flow 1:

Average throughput: 716.13 Mbit/s

95th percentile per-packet one-way delay: 161.682 ms

Loss rate: 1.45%

Run 8: Report of FillP-Sheep — Data Link



Run 9: Statistics of FillP-Sheep

Start at: 2018-07-24 08:53:33

End at: 2018-07-24 08:54:03

Local clock offset: 1.08 ms

Remote clock offset: -0.105 ms

Below is generated by plot.py at 2018-07-24 10:51:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 651.84 Mbit/s

95th percentile per-packet one-way delay: 165.213 ms

Loss rate: 0.99%

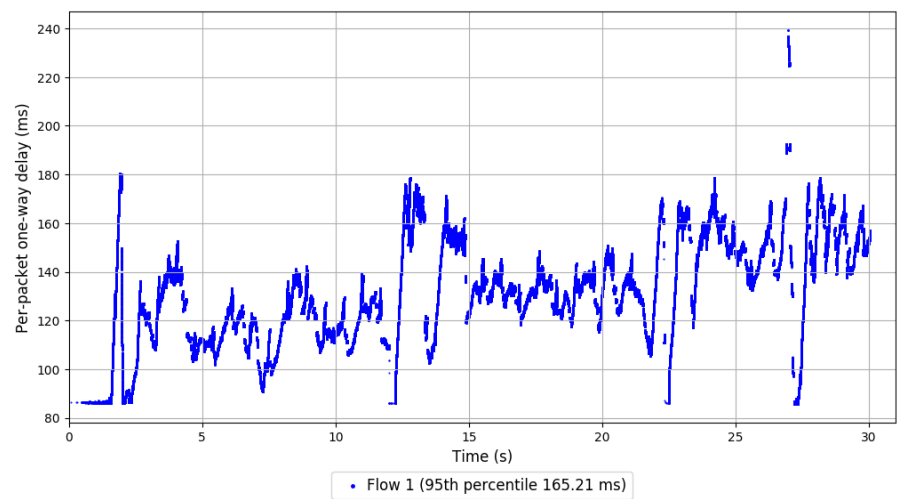
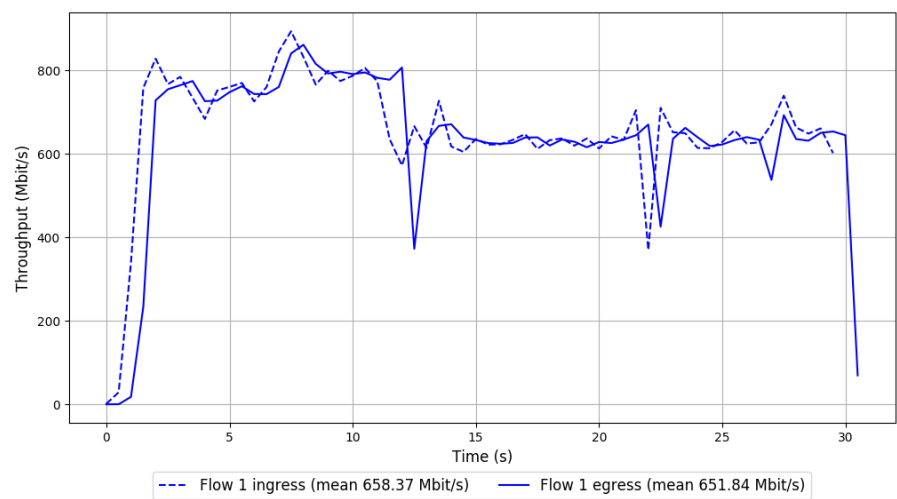
-- Flow 1:

Average throughput: 651.84 Mbit/s

95th percentile per-packet one-way delay: 165.213 ms

Loss rate: 0.99%

Run 9: Report of FillP-Sheep — Data Link

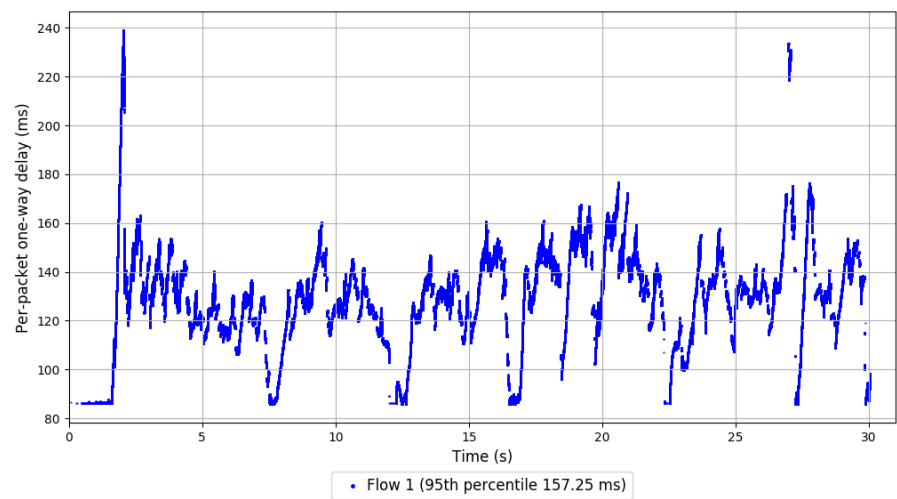
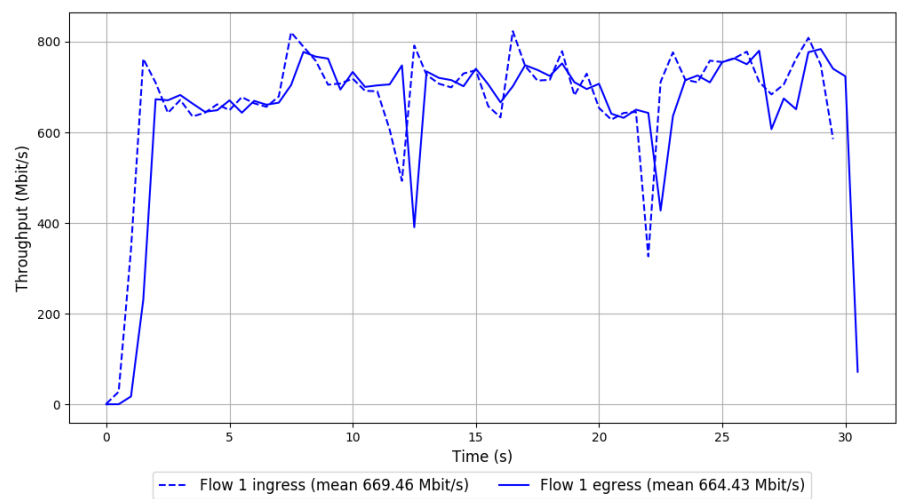


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-24 09:16:05
End at: 2018-07-24 09:16:36
Local clock offset: 0.404 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 664.43 Mbit/s
95th percentile per-packet one-way delay: 157.246 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 664.43 Mbit/s
95th percentile per-packet one-way delay: 157.246 ms
Loss rate: 0.75%

Run 10: Report of FillP-Sheep — Data Link

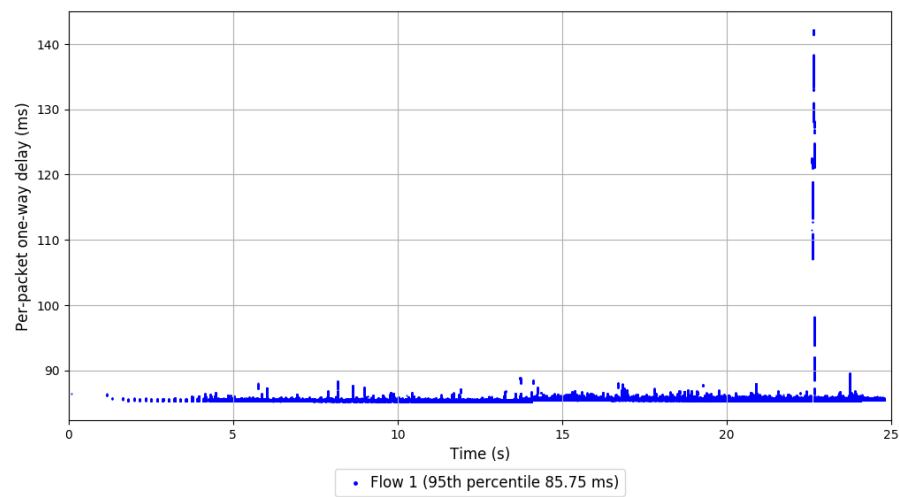
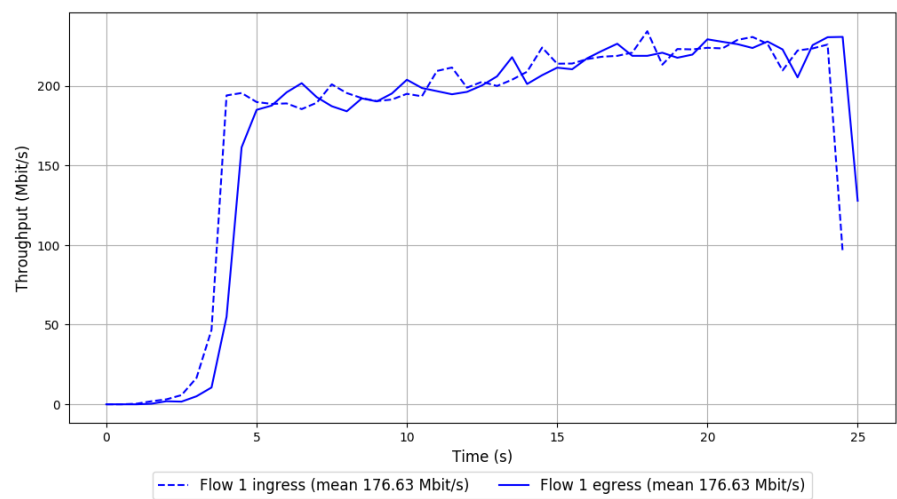


Run 1: Statistics of Indigo

Start at: 2018-07-24 05:50:40
End at: 2018-07-24 05:51:10
Local clock offset: 14.963 ms
Remote clock offset: -0.139 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 176.63 Mbit/s
95th percentile per-packet one-way delay: 85.745 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 176.63 Mbit/s
95th percentile per-packet one-way delay: 85.745 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

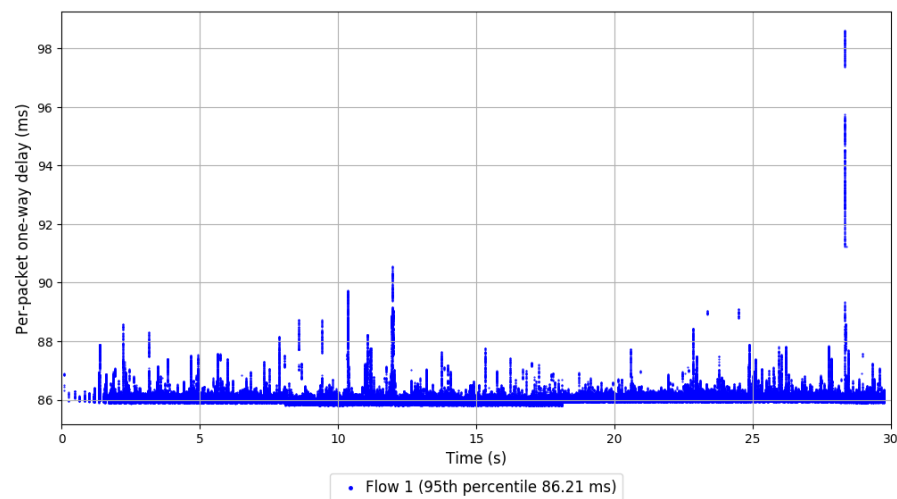
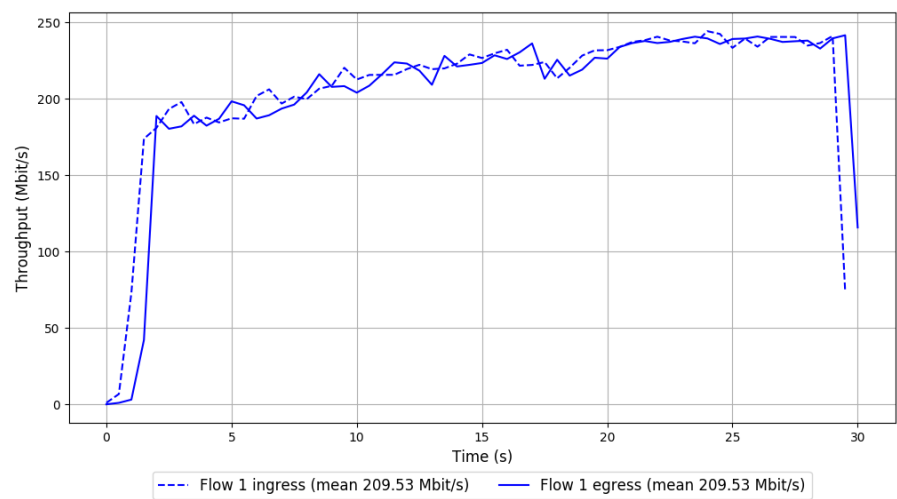


Run 2: Statistics of Indigo

Start at: 2018-07-24 06:13:10
End at: 2018-07-24 06:13:40
Local clock offset: 20.497 ms
Remote clock offset: -0.216 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.53 Mbit/s
95th percentile per-packet one-way delay: 86.209 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 209.53 Mbit/s
95th percentile per-packet one-way delay: 86.209 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

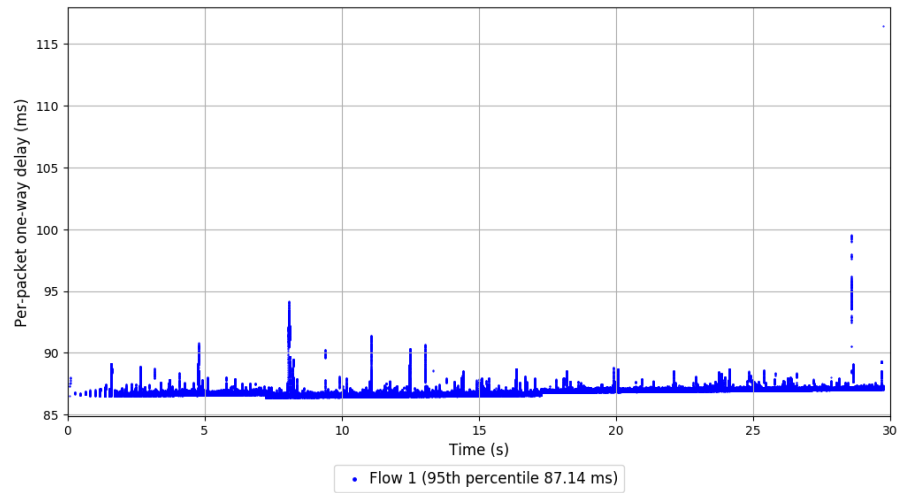
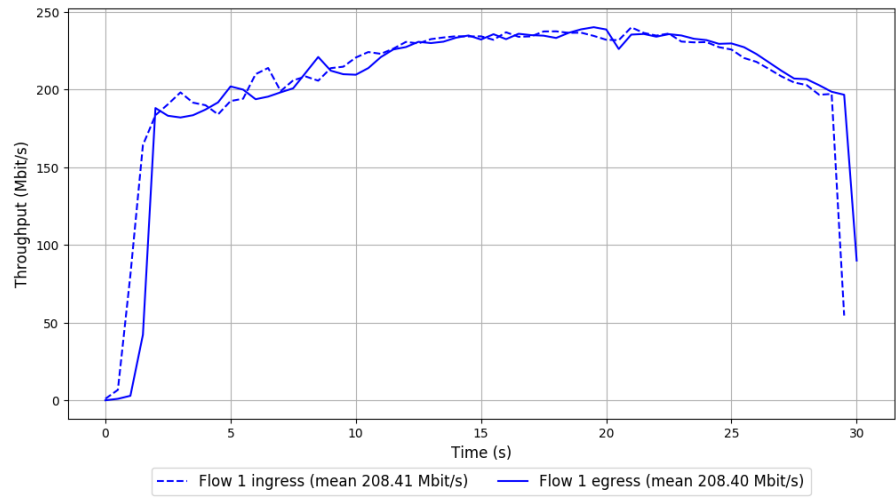


Run 3: Statistics of Indigo

Start at: 2018-07-24 06:35:51
End at: 2018-07-24 06:36:21
Local clock offset: 37.097 ms
Remote clock offset: -0.254 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 208.40 Mbit/s
95th percentile per-packet one-way delay: 87.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 208.40 Mbit/s
95th percentile per-packet one-way delay: 87.144 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

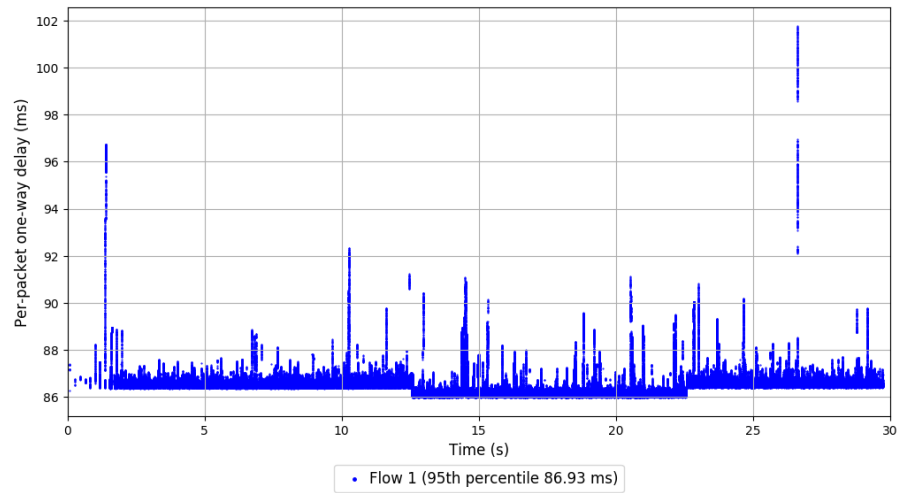
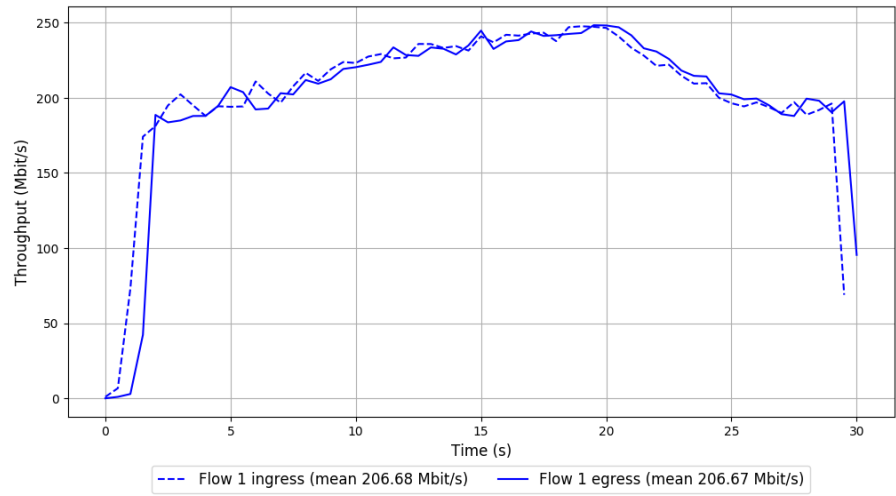


Run 4: Statistics of Indigo

Start at: 2018-07-24 06:58:16
End at: 2018-07-24 06:58:46
Local clock offset: 15.648 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 206.67 Mbit/s
95th percentile per-packet one-way delay: 86.930 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 206.67 Mbit/s
95th percentile per-packet one-way delay: 86.930 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

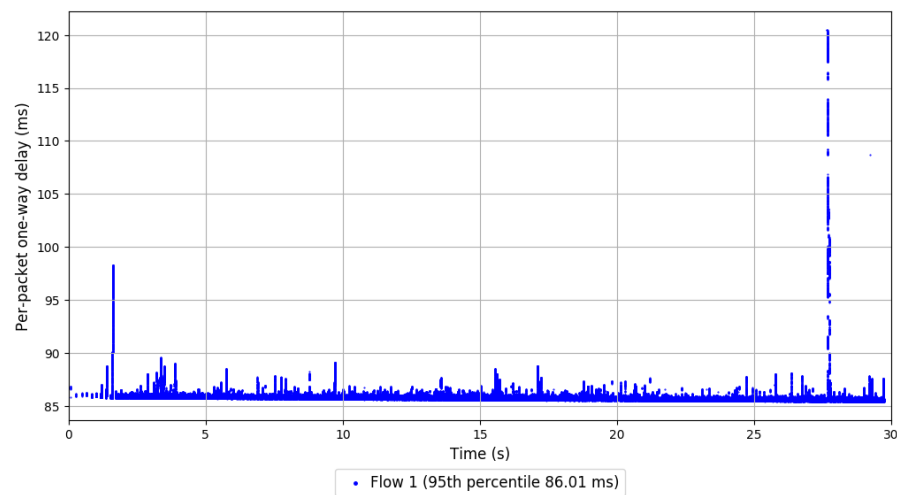
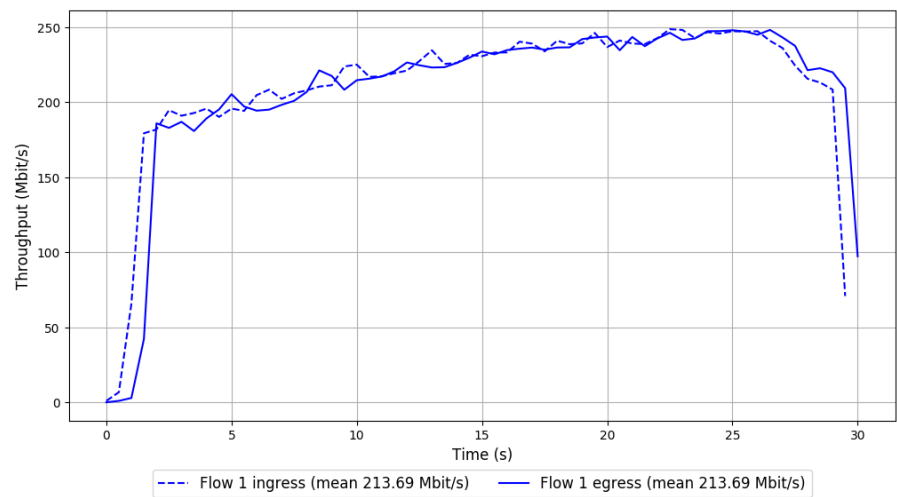


Run 5: Statistics of Indigo

Start at: 2018-07-24 07:20:49
End at: 2018-07-24 07:21:19
Local clock offset: 11.425 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 213.69 Mbit/s
95th percentile per-packet one-way delay: 86.009 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 213.69 Mbit/s
95th percentile per-packet one-way delay: 86.009 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-07-24 07:43:42

End at: 2018-07-24 07:44:12

Local clock offset: 9.076 ms

Remote clock offset: -0.11 ms

Below is generated by plot.py at 2018-07-24 10:51:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 202.37 Mbit/s

95th percentile per-packet one-way delay: 86.842 ms

Loss rate: 0.00%

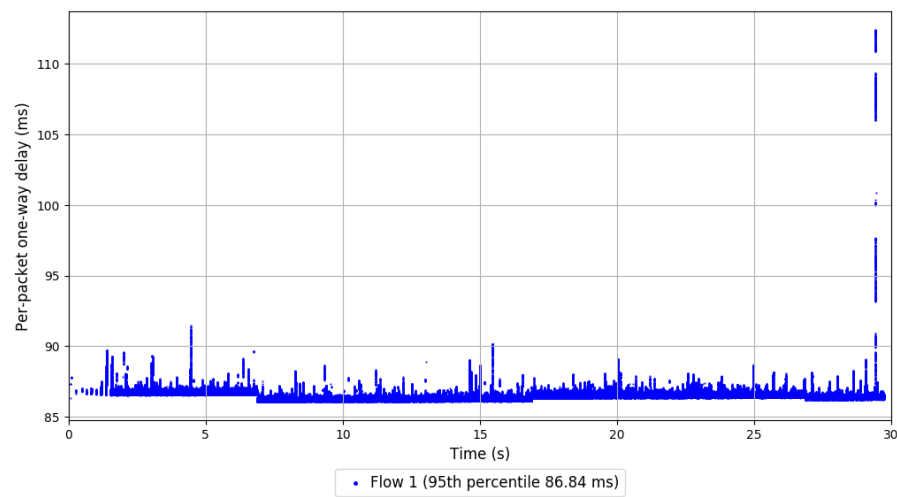
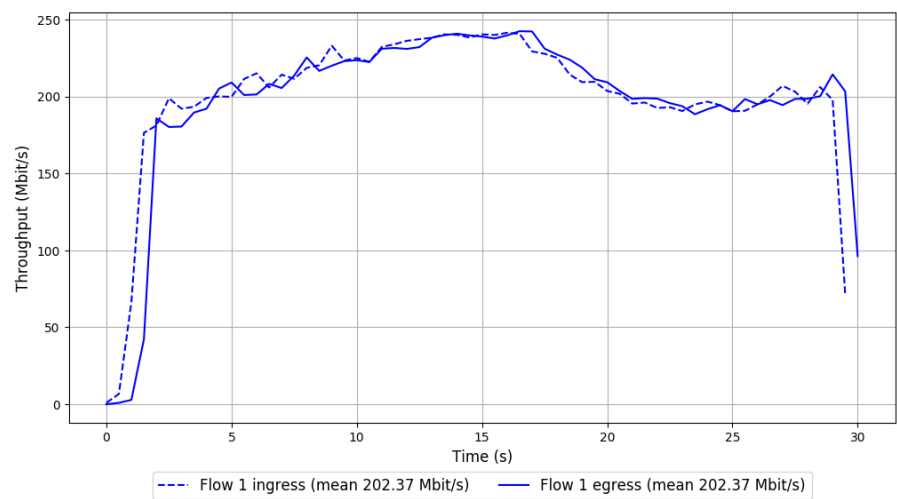
-- Flow 1:

Average throughput: 202.37 Mbit/s

95th percentile per-packet one-way delay: 86.842 ms

Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

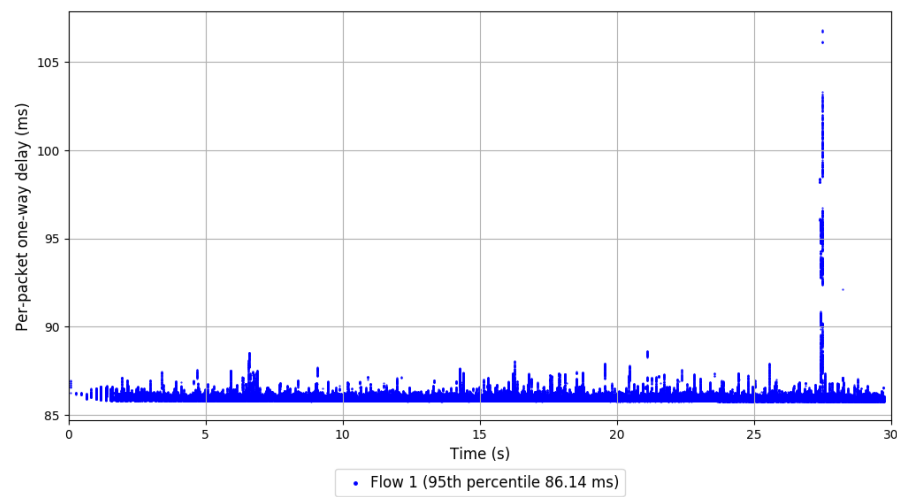
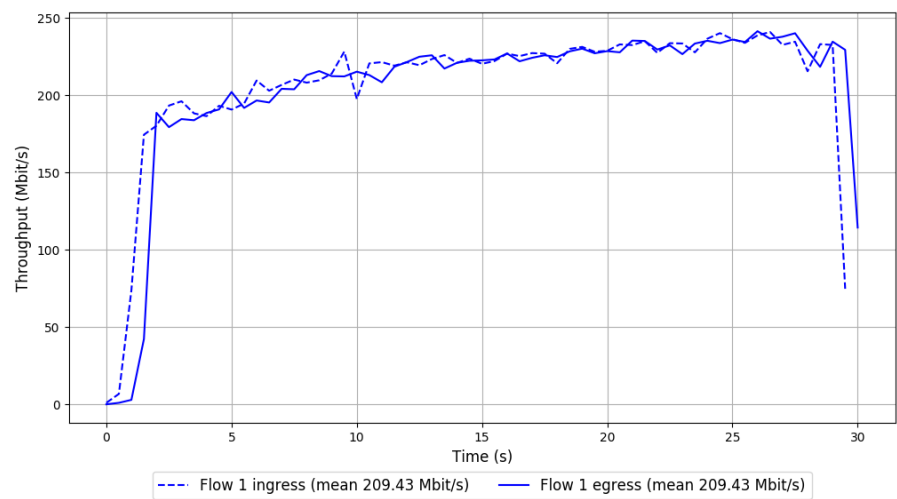


Run 7: Statistics of Indigo

Start at: 2018-07-24 08:05:55
End at: 2018-07-24 08:06:25
Local clock offset: 2.332 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.43 Mbit/s
95th percentile per-packet one-way delay: 86.137 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 209.43 Mbit/s
95th percentile per-packet one-way delay: 86.137 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-07-24 08:28:22

End at: 2018-07-24 08:28:52

Local clock offset: 1.02 ms

Remote clock offset: -0.087 ms

Below is generated by plot.py at 2018-07-24 10:51:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 210.96 Mbit/s

95th percentile per-packet one-way delay: 86.809 ms

Loss rate: 0.00%

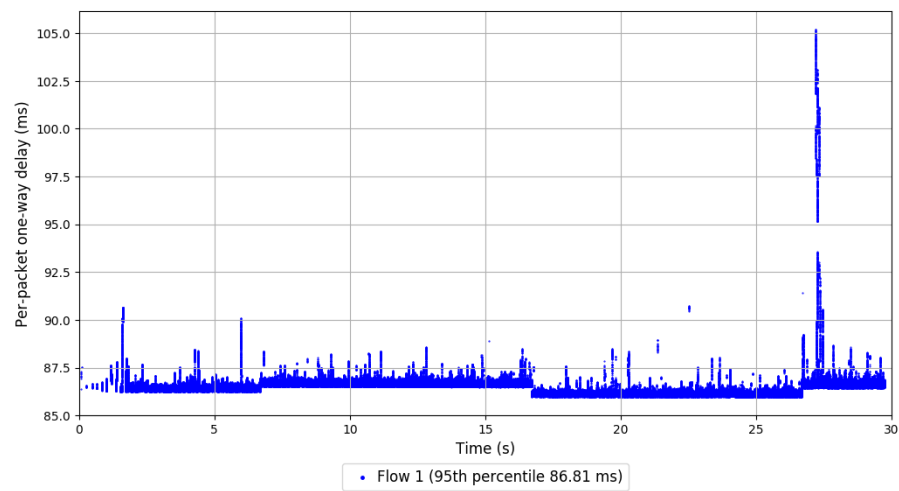
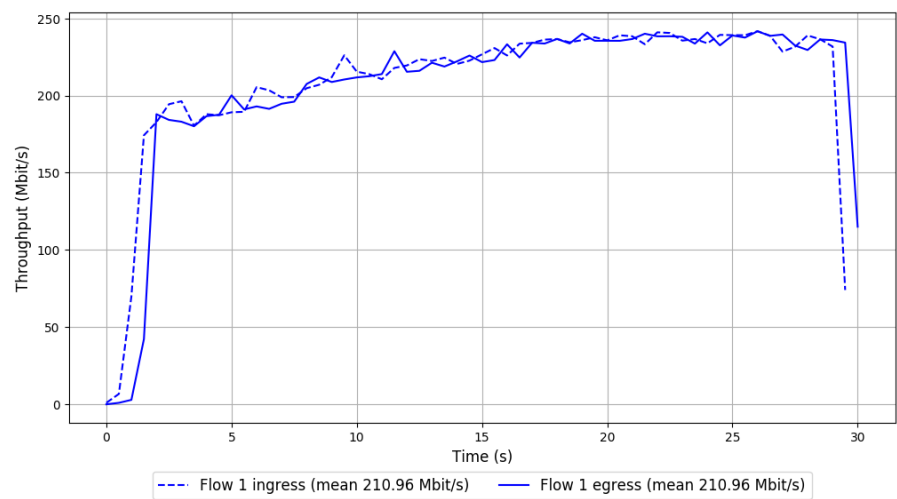
-- Flow 1:

Average throughput: 210.96 Mbit/s

95th percentile per-packet one-way delay: 86.809 ms

Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

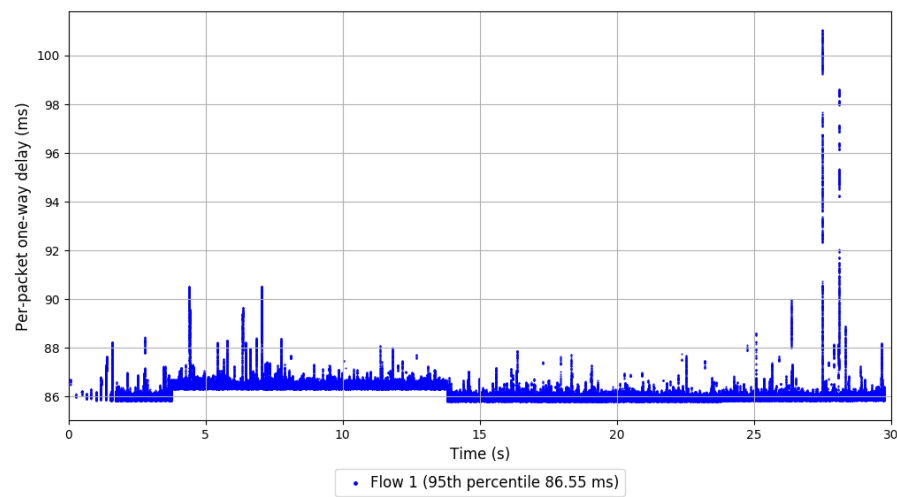
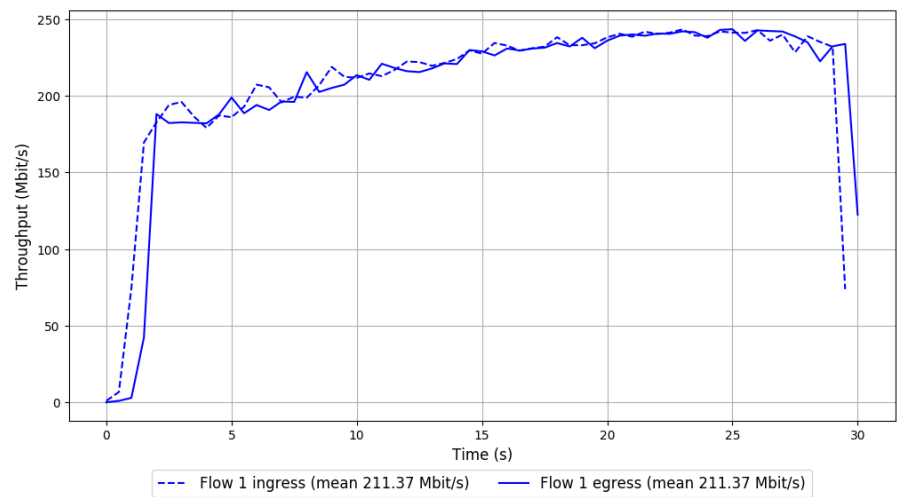


Run 9: Statistics of Indigo

Start at: 2018-07-24 08:51:05
End at: 2018-07-24 08:51:35
Local clock offset: 0.905 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 211.37 Mbit/s
95th percentile per-packet one-way delay: 86.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 211.37 Mbit/s
95th percentile per-packet one-way delay: 86.545 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-07-24 09:13:36

End at: 2018-07-24 09:14:06

Local clock offset: 0.204 ms

Remote clock offset: -0.04 ms

Below is generated by plot.py at 2018-07-24 10:51:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 209.68 Mbit/s

95th percentile per-packet one-way delay: 86.767 ms

Loss rate: 0.00%

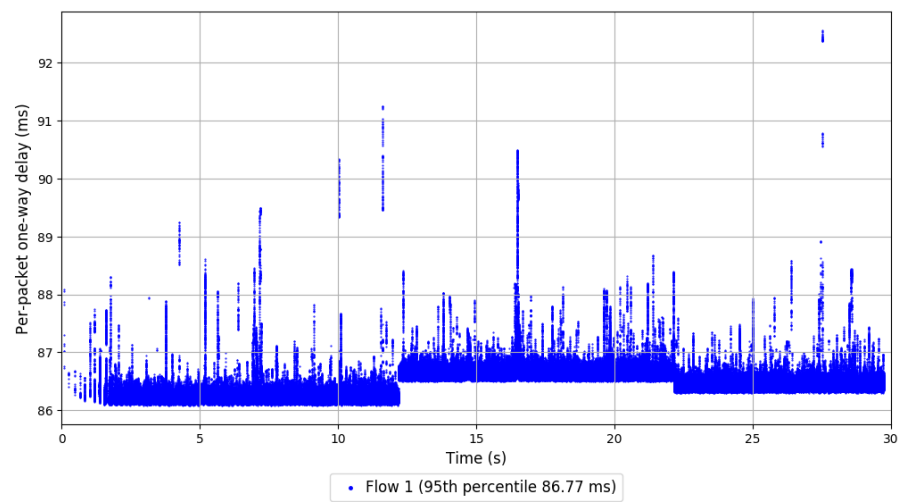
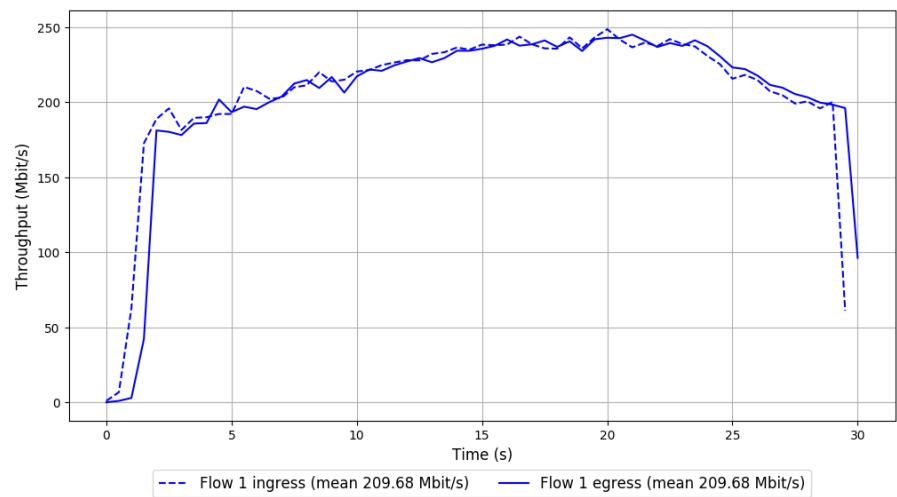
-- Flow 1:

Average throughput: 209.68 Mbit/s

95th percentile per-packet one-way delay: 86.767 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

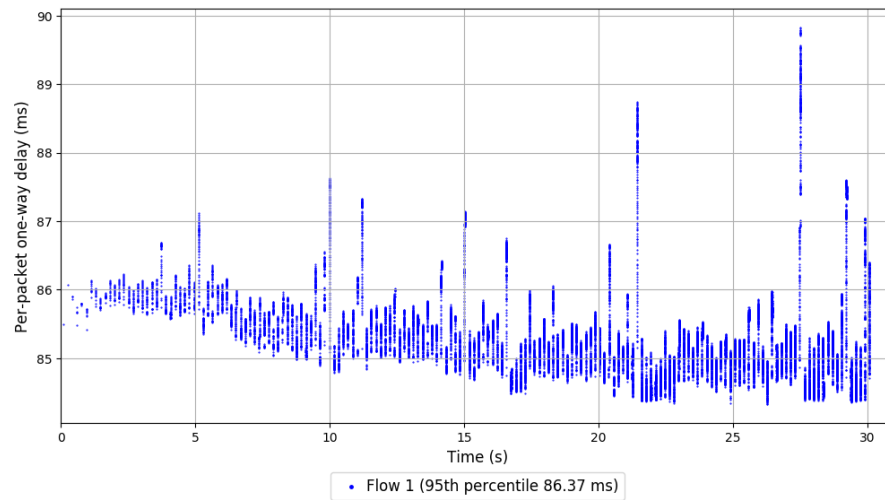
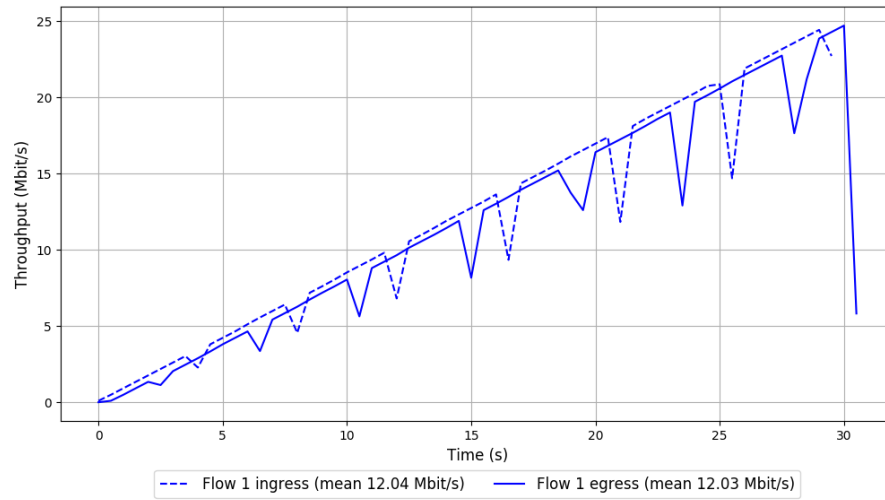


Run 1: Statistics of LEDBAT

Start at: 2018-07-24 05:40:33
End at: 2018-07-24 05:41:03
Local clock offset: 11.077 ms
Remote clock offset: -0.143 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.03 Mbit/s
95th percentile per-packet one-way delay: 86.366 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 12.03 Mbit/s
95th percentile per-packet one-way delay: 86.366 ms
Loss rate: 0.05%

Run 1: Report of LEDBAT — Data Link

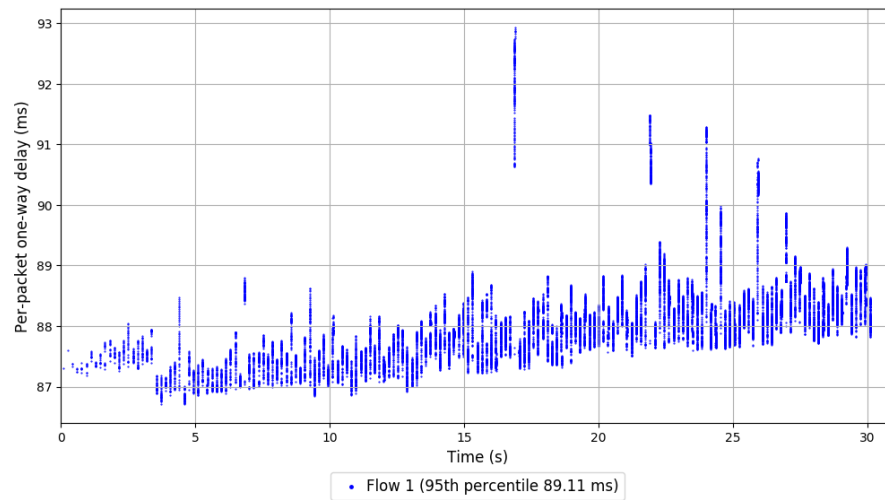
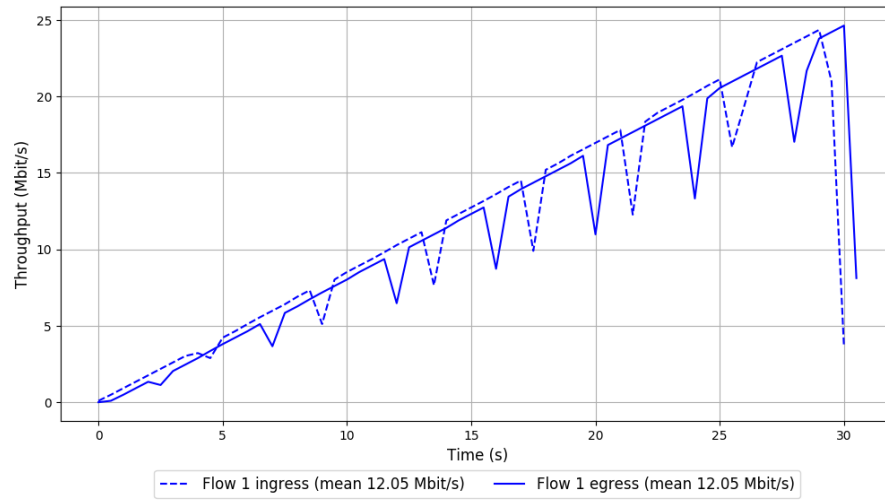


Run 2: Statistics of LEDBAT

Start at: 2018-07-24 06:02:55
End at: 2018-07-24 06:03:25
Local clock offset: 23.584 ms
Remote clock offset: -0.157 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 89.105 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 89.105 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

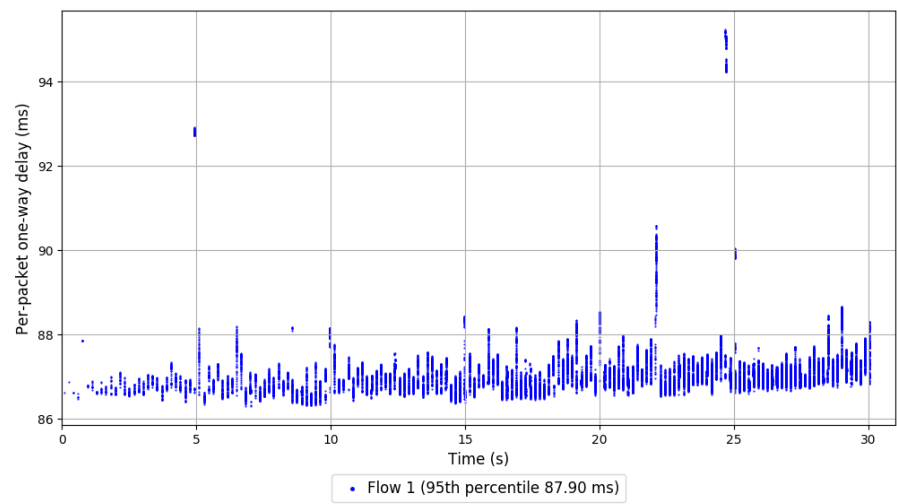
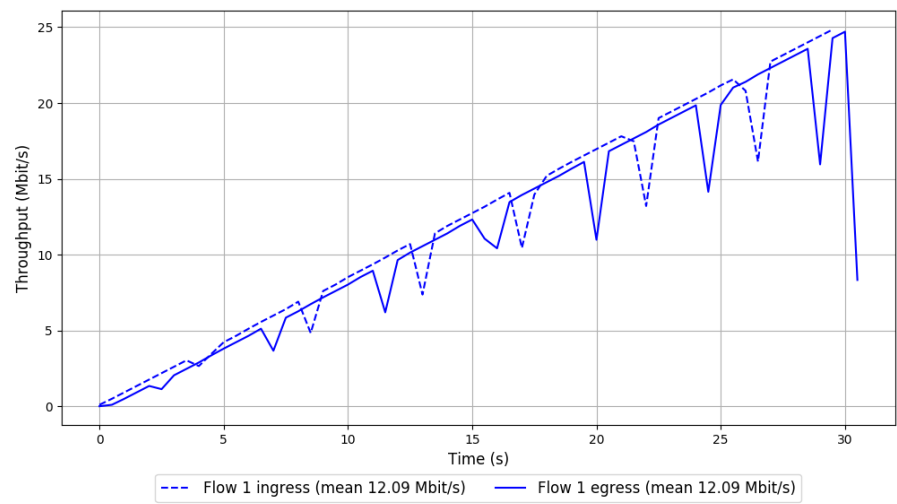


Run 3: Statistics of LEDBAT

Start at: 2018-07-24 06:25:33
End at: 2018-07-24 06:26:03
Local clock offset: 26.599 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.09 Mbit/s
95th percentile per-packet one-way delay: 87.898 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.09 Mbit/s
95th percentile per-packet one-way delay: 87.898 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

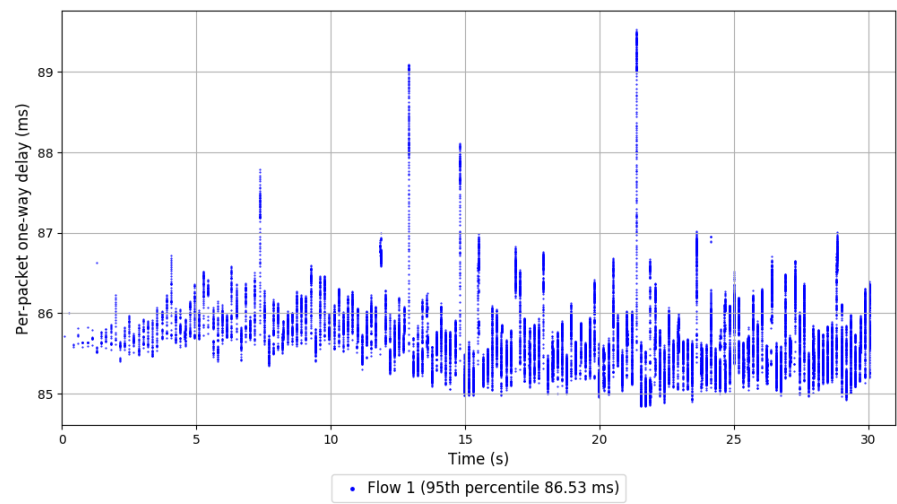
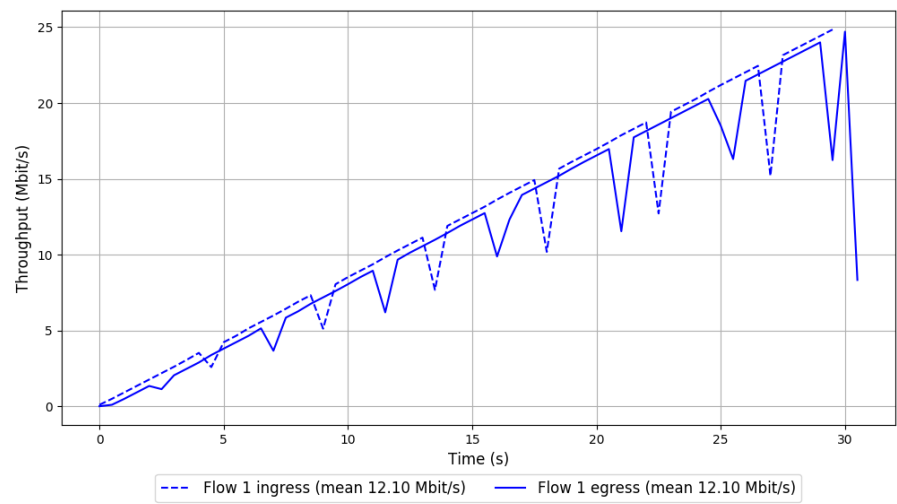


Run 4: Statistics of LEDBAT

Start at: 2018-07-24 06:48:05
End at: 2018-07-24 06:48:35
Local clock offset: 20.785 ms
Remote clock offset: -0.252 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.10 Mbit/s
95th percentile per-packet one-way delay: 86.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.10 Mbit/s
95th percentile per-packet one-way delay: 86.529 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

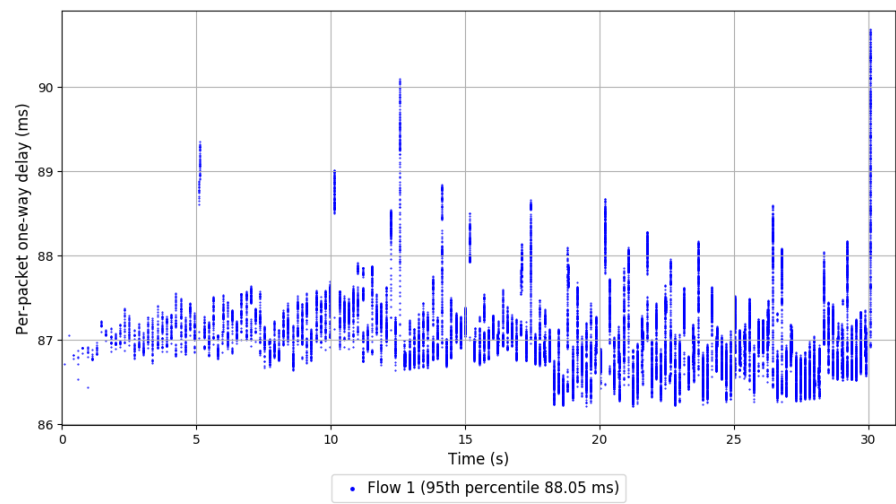
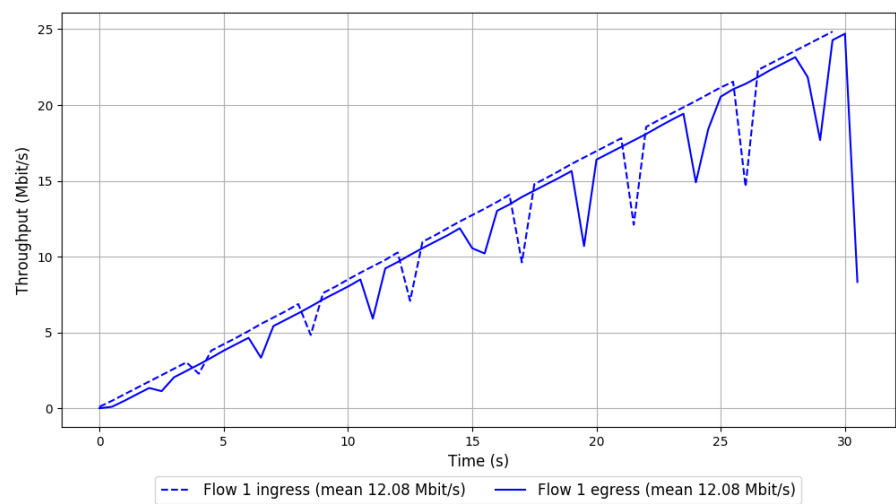


Run 5: Statistics of LEDBAT

Start at: 2018-07-24 07:10:31
End at: 2018-07-24 07:11:01
Local clock offset: 19.263 ms
Remote clock offset: -0.155 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 88.049 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 88.049 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

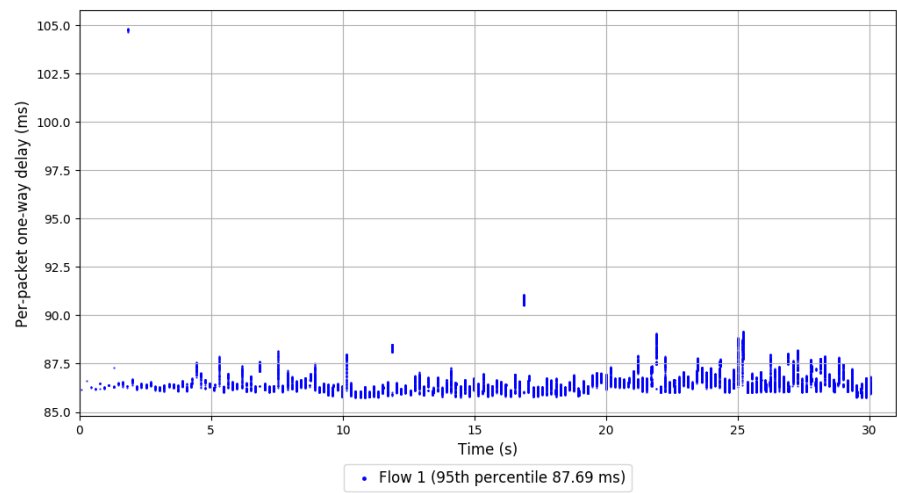
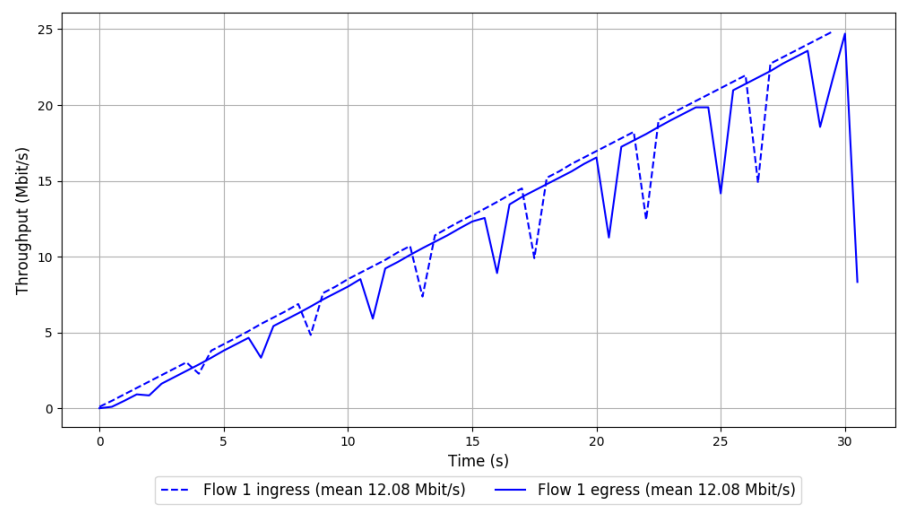


Run 6: Statistics of LEDBAT

Start at: 2018-07-24 07:33:29
End at: 2018-07-24 07:34:00
Local clock offset: 7.807 ms
Remote clock offset: -0.122 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 87.689 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 87.689 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

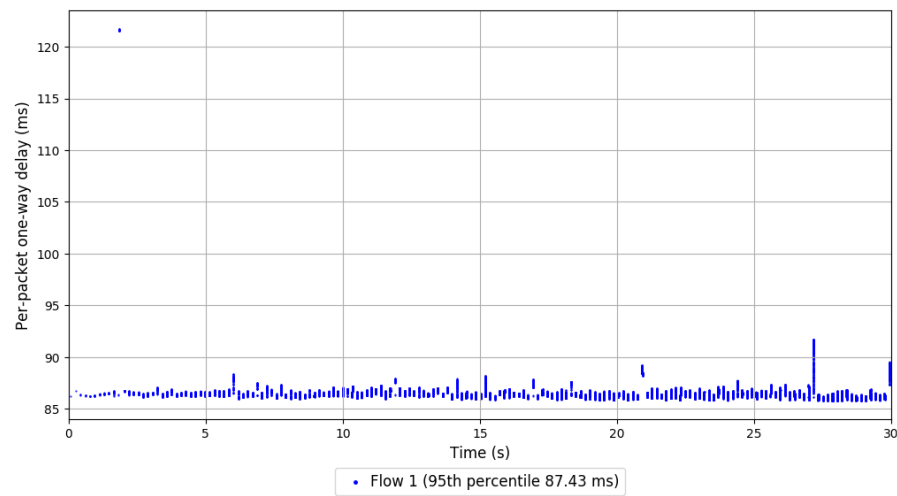
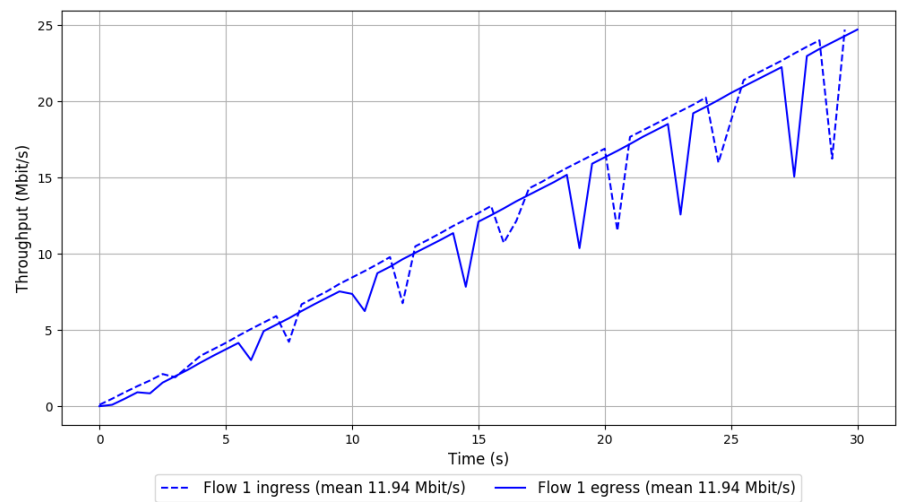


Run 7: Statistics of LEDBAT

Start at: 2018-07-24 07:55:55
End at: 2018-07-24 07:56:25
Local clock offset: 4.541 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.94 Mbit/s
95th percentile per-packet one-way delay: 87.431 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.94 Mbit/s
95th percentile per-packet one-way delay: 87.431 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

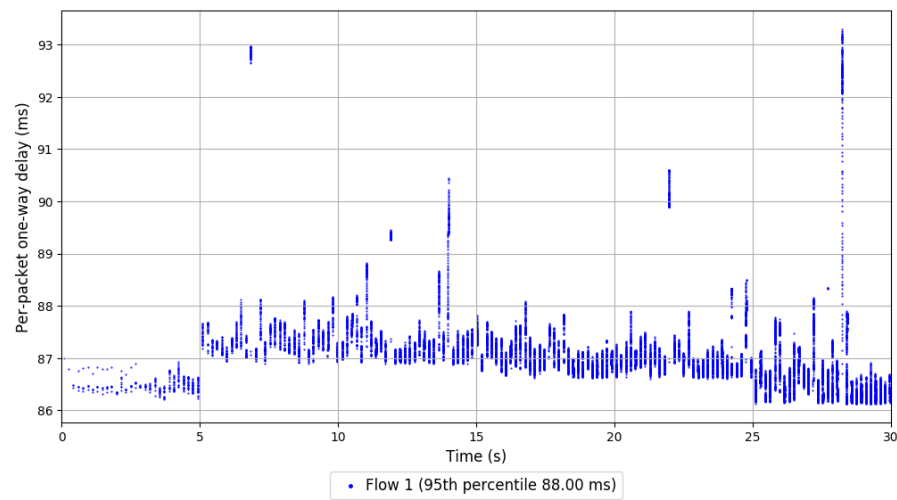
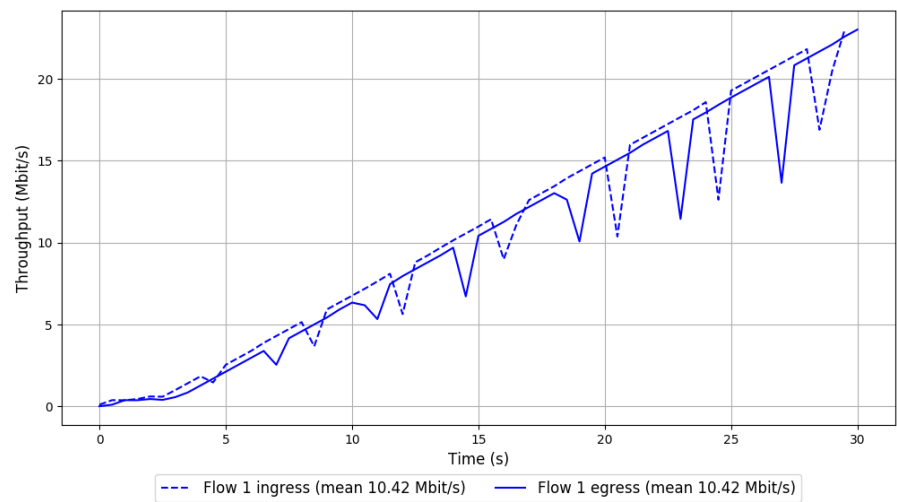


Run 8: Statistics of LEDBAT

Start at: 2018-07-24 08:18:14
End at: 2018-07-24 08:18:44
Local clock offset: 1.869 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.42 Mbit/s
95th percentile per-packet one-way delay: 87.998 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.42 Mbit/s
95th percentile per-packet one-way delay: 87.998 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

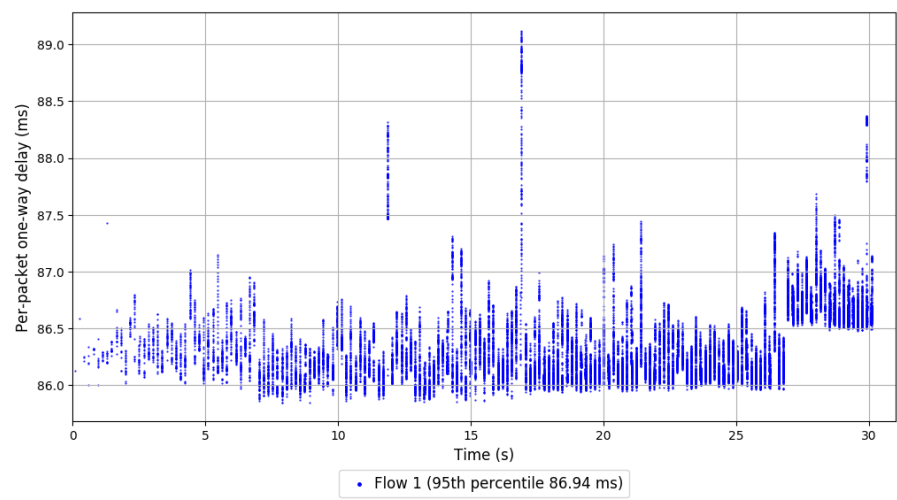
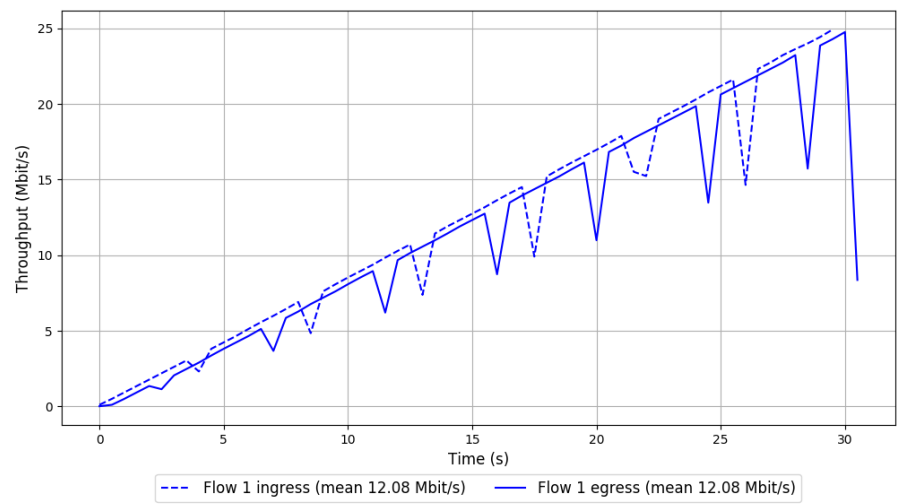


Run 9: Statistics of LEDBAT

Start at: 2018-07-24 08:40:52
End at: 2018-07-24 08:41:22
Local clock offset: 0.837 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2018-07-24 10:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 86.943 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 86.943 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-07-24 09:03:28

End at: 2018-07-24 09:03:58

Local clock offset: 0.716 ms

Remote clock offset: -0.097 ms

Below is generated by plot.py at 2018-07-24 10:51:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.08 Mbit/s

95th percentile per-packet one-way delay: 87.028 ms

Loss rate: 0.00%

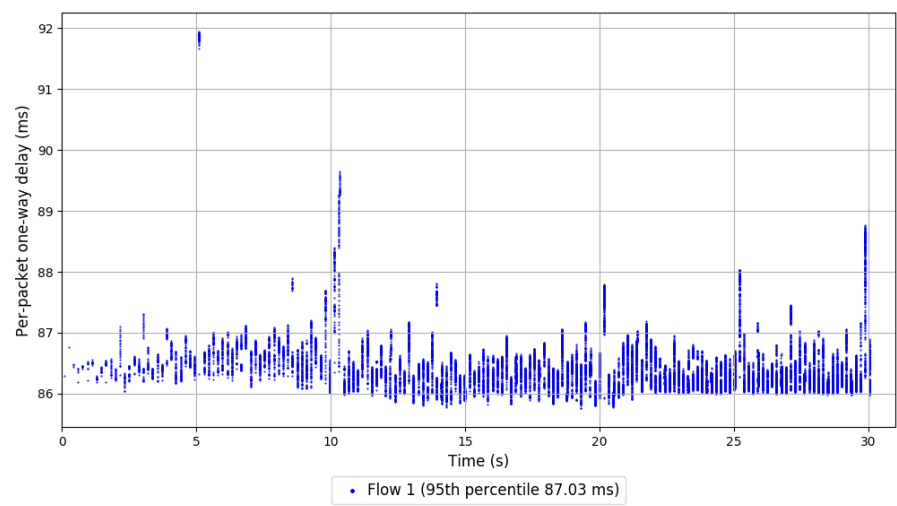
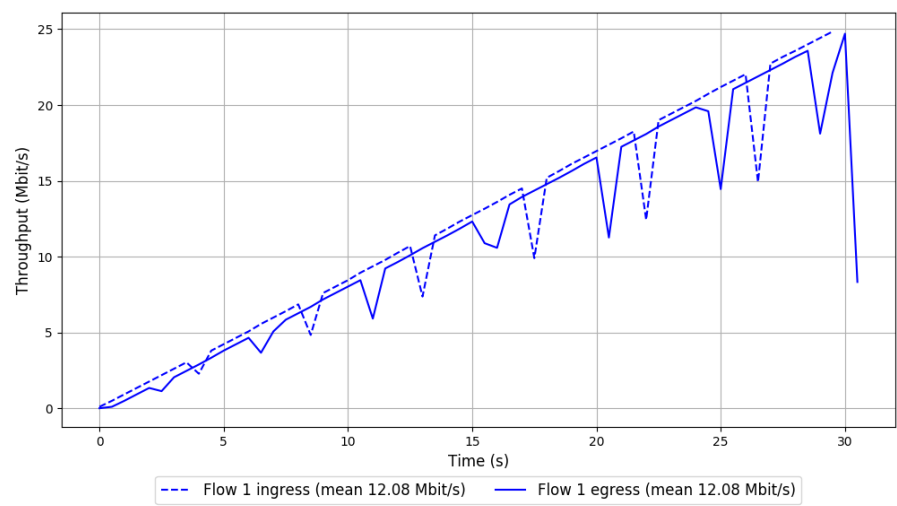
-- Flow 1:

Average throughput: 12.08 Mbit/s

95th percentile per-packet one-way delay: 87.028 ms

Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-07-24 05:56:59

End at: 2018-07-24 05:57:29

Local clock offset: 16.167 ms

Remote clock offset: -0.116 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 517.12 Mbit/s

95th percentile per-packet one-way delay: 220.058 ms

Loss rate: 1.40%

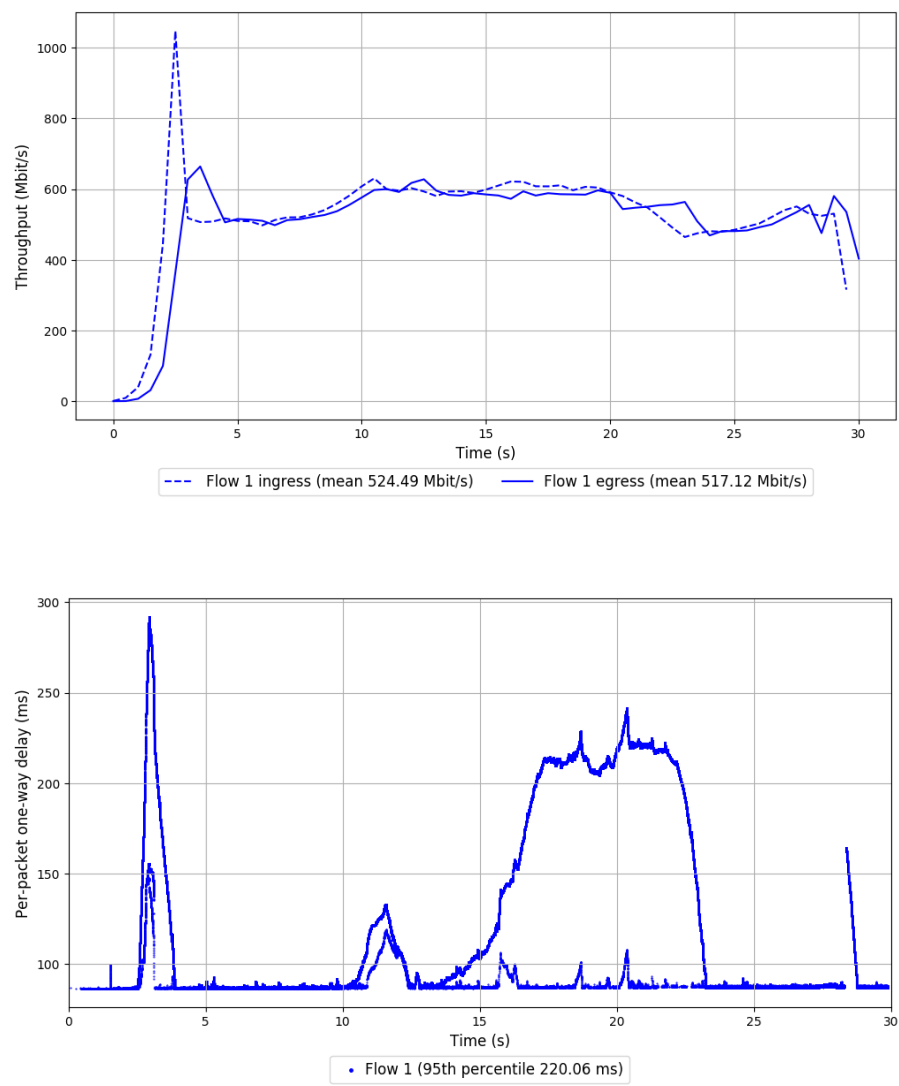
-- Flow 1:

Average throughput: 517.12 Mbit/s

95th percentile per-packet one-way delay: 220.058 ms

Loss rate: 1.40%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-24 06:19:37

End at: 2018-07-24 06:20:07

Local clock offset: 22.143 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2018-07-24 11:00:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 516.29 Mbit/s

95th percentile per-packet one-way delay: 226.927 ms

Loss rate: 2.29%

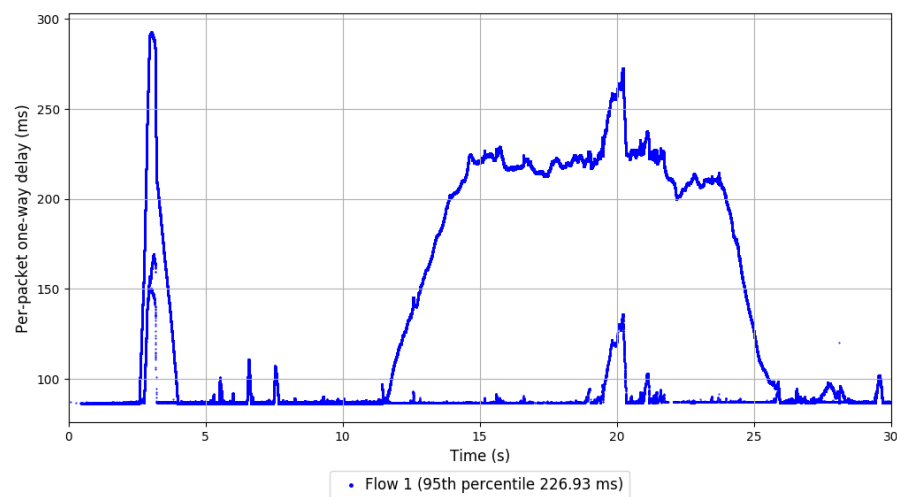
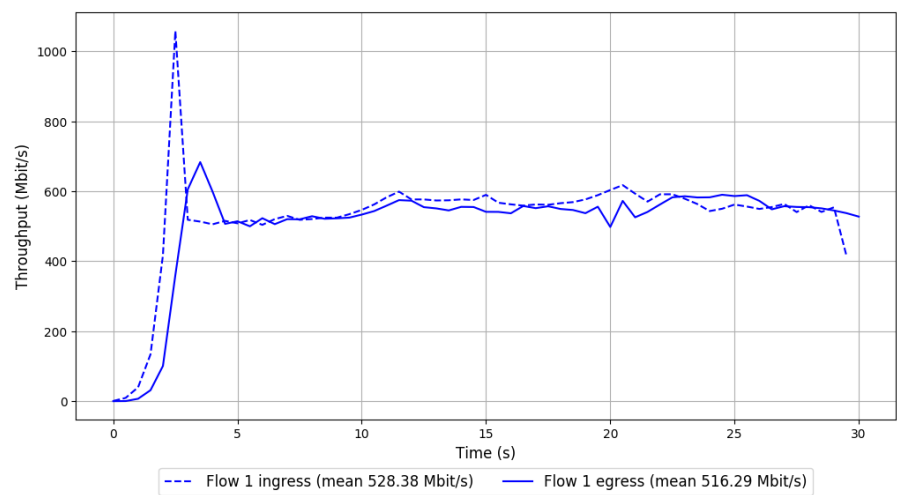
-- Flow 1:

Average throughput: 516.29 Mbit/s

95th percentile per-packet one-way delay: 226.927 ms

Loss rate: 2.29%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-07-24 06:42:18

End at: 2018-07-24 06:42:48

Local clock offset: 32.565 ms

Remote clock offset: -0.308 ms

Below is generated by plot.py at 2018-07-24 11:00:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 527.86 Mbit/s

95th percentile per-packet one-way delay: 103.873 ms

Loss rate: 0.56%

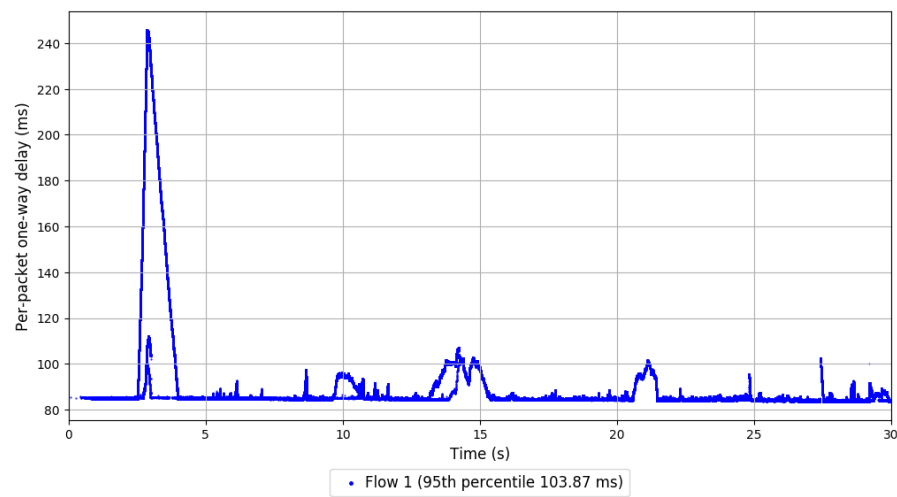
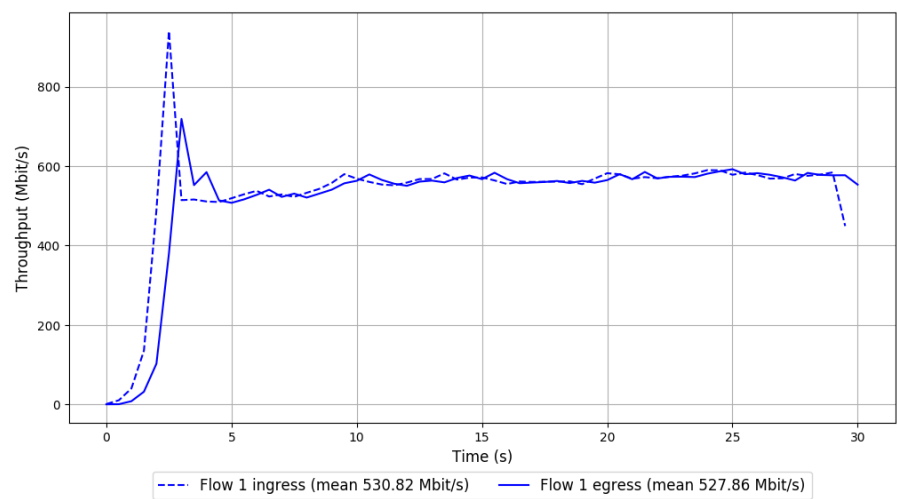
-- Flow 1:

Average throughput: 527.86 Mbit/s

95th percentile per-packet one-way delay: 103.873 ms

Loss rate: 0.56%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-07-24 07:04:45

End at: 2018-07-24 07:05:15

Local clock offset: 16.97 ms

Remote clock offset: -0.158 ms

Below is generated by plot.py at 2018-07-24 11:01:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 538.25 Mbit/s

95th percentile per-packet one-way delay: 159.046 ms

Loss rate: 0.57%

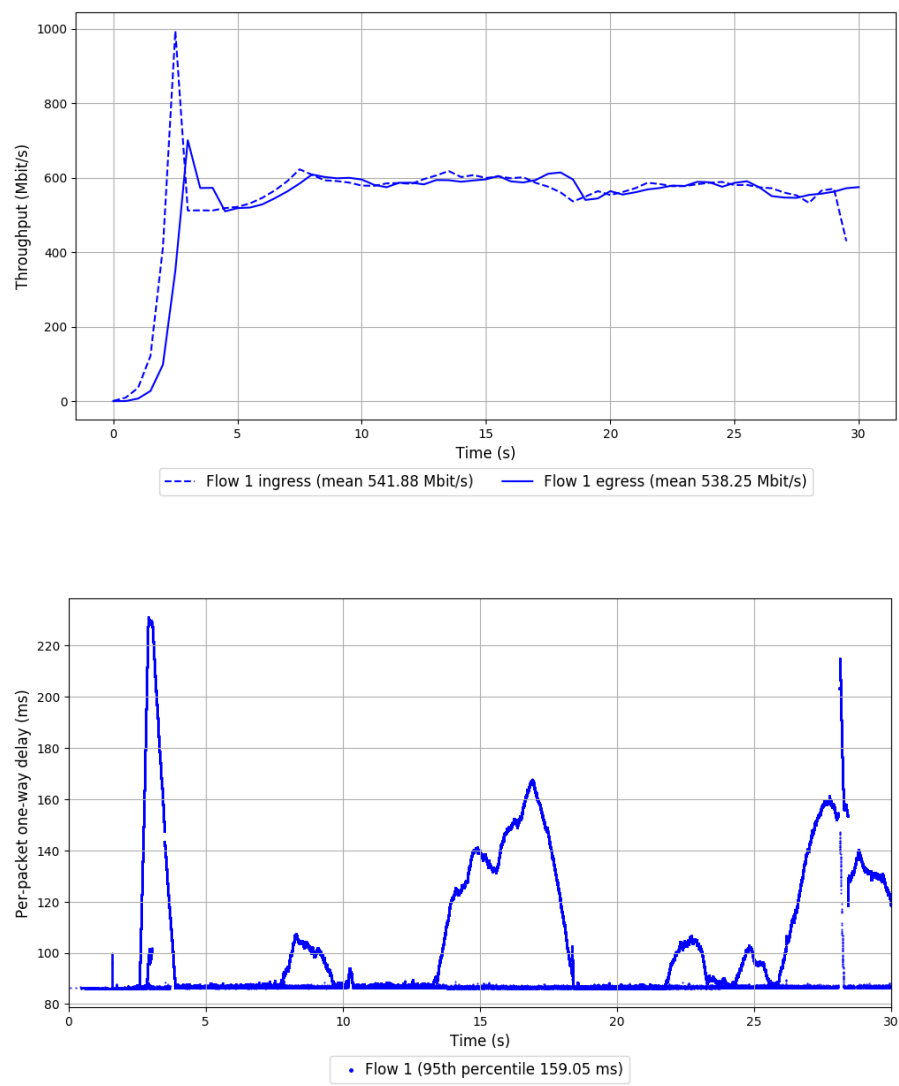
-- Flow 1:

Average throughput: 538.25 Mbit/s

95th percentile per-packet one-way delay: 159.046 ms

Loss rate: 0.57%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-07-24 07:27:21

End at: 2018-07-24 07:27:51

Local clock offset: 8.109 ms

Remote clock offset: -0.145 ms

Below is generated by plot.py at 2018-07-24 11:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 524.31 Mbit/s

95th percentile per-packet one-way delay: 227.720 ms

Loss rate: 2.25%

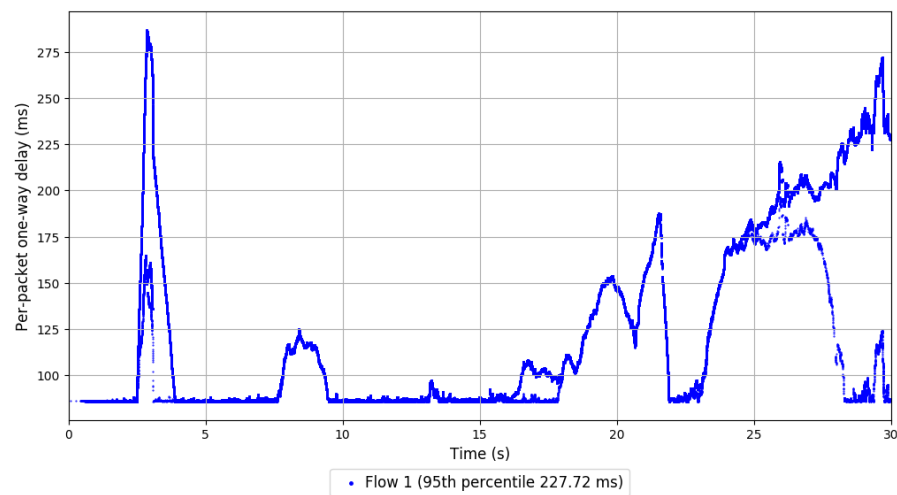
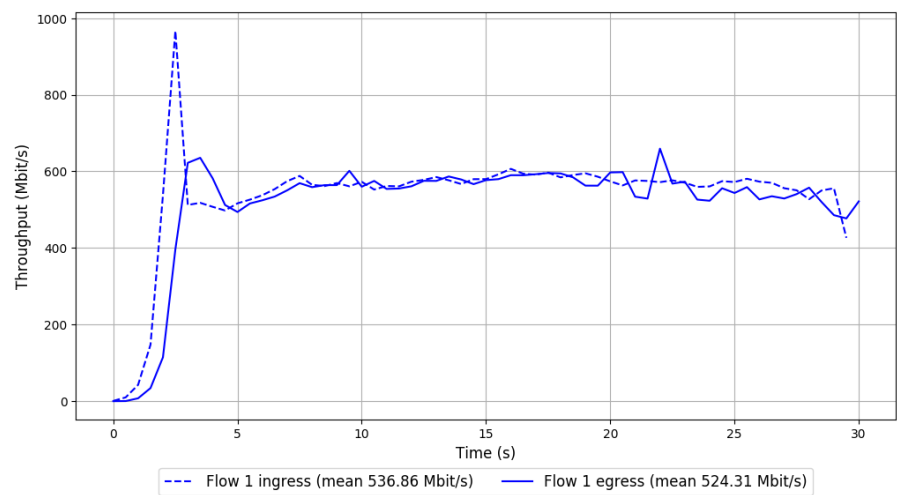
-- Flow 1:

Average throughput: 524.31 Mbit/s

95th percentile per-packet one-way delay: 227.720 ms

Loss rate: 2.25%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-24 07:50:06

End at: 2018-07-24 07:50:36

Local clock offset: 8.244 ms

Remote clock offset: -0.111 ms

Below is generated by plot.py at 2018-07-24 11:02:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 528.19 Mbit/s

95th percentile per-packet one-way delay: 190.756 ms

Loss rate: 1.43%

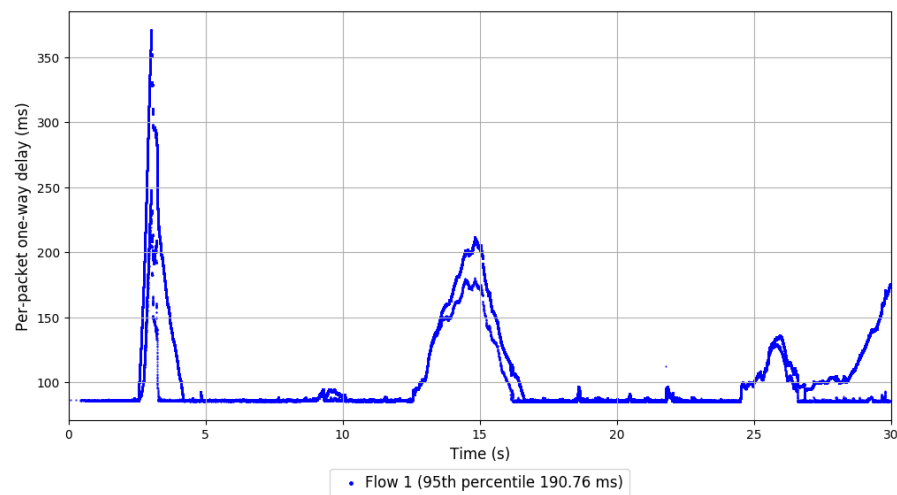
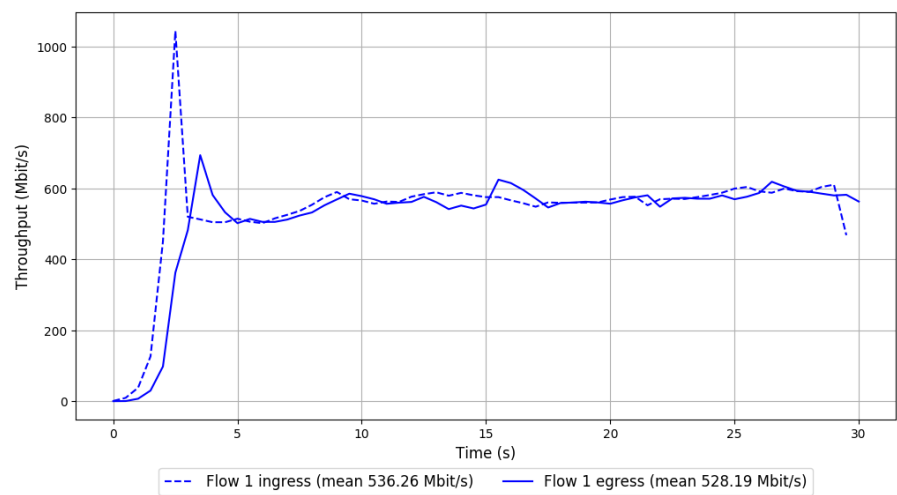
-- Flow 1:

Average throughput: 528.19 Mbit/s

95th percentile per-packet one-way delay: 190.756 ms

Loss rate: 1.43%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-07-24 08:12:19

End at: 2018-07-24 08:12:49

Local clock offset: 1.747 ms

Remote clock offset: -0.091 ms

Below is generated by plot.py at 2018-07-24 11:02:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 513.45 Mbit/s

95th percentile per-packet one-way delay: 200.644 ms

Loss rate: 0.66%

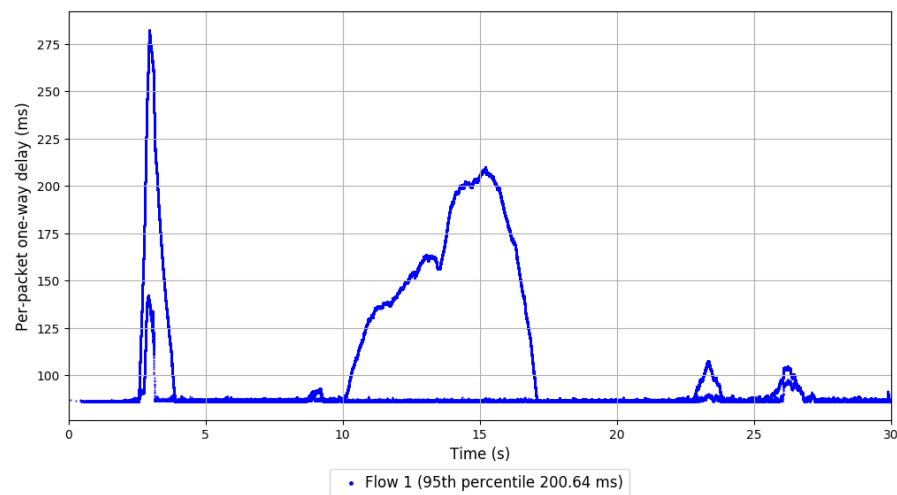
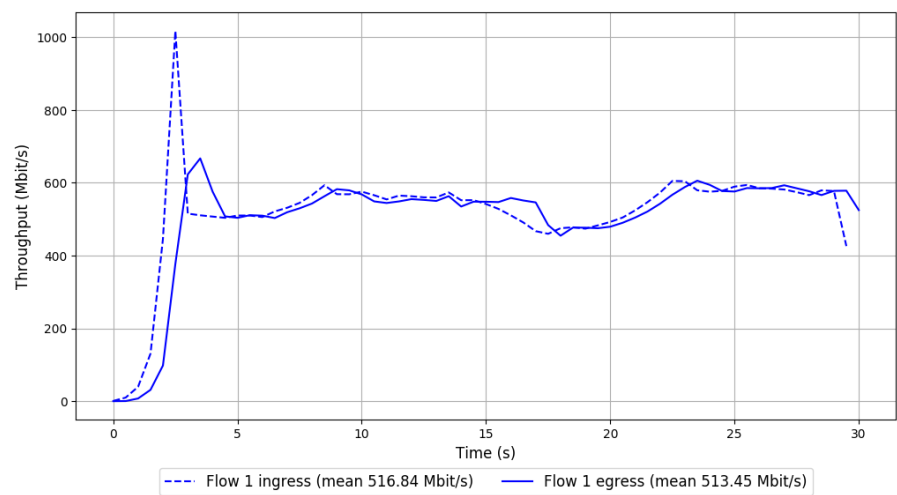
-- Flow 1:

Average throughput: 513.45 Mbit/s

95th percentile per-packet one-way delay: 200.644 ms

Loss rate: 0.66%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-24 08:34:47

End at: 2018-07-24 08:35:17

Local clock offset: 0.973 ms

Remote clock offset: -0.095 ms

Below is generated by plot.py at 2018-07-24 11:04:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 522.14 Mbit/s

95th percentile per-packet one-way delay: 120.928 ms

Loss rate: 0.66%

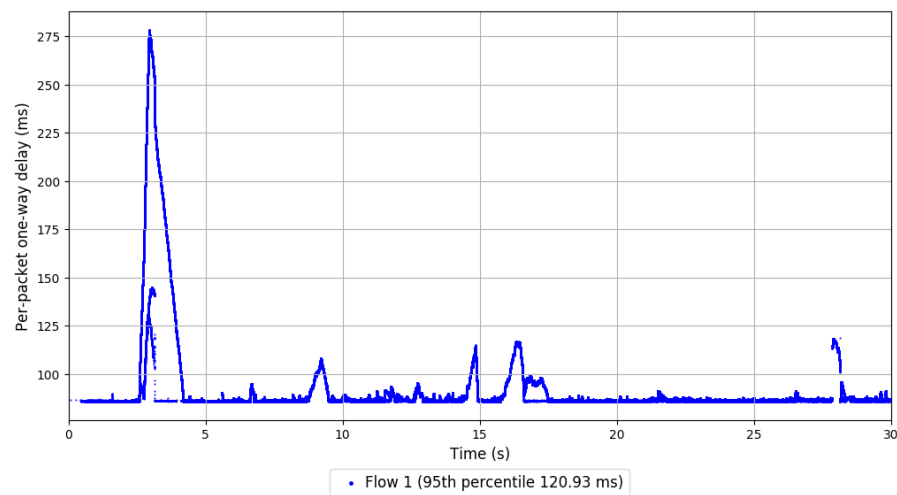
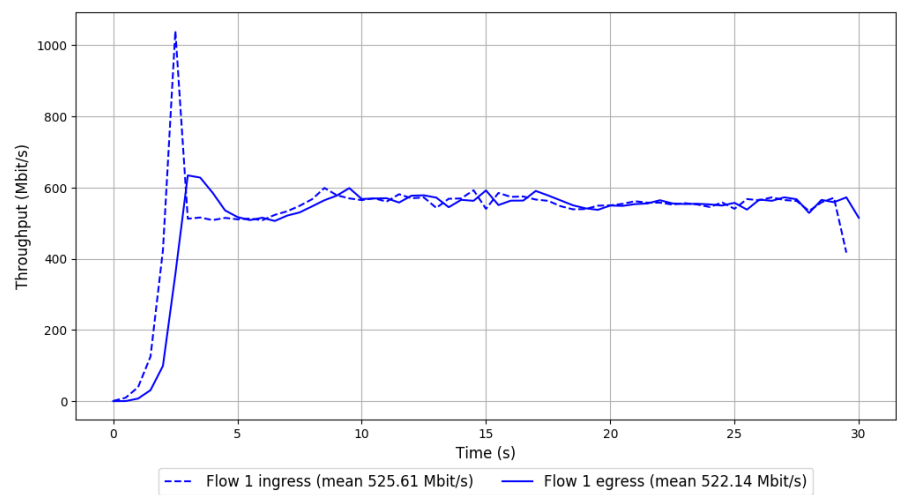
-- Flow 1:

Average throughput: 522.14 Mbit/s

95th percentile per-packet one-way delay: 120.928 ms

Loss rate: 0.66%

Run 8: Report of PCC-Allegro — Data Link

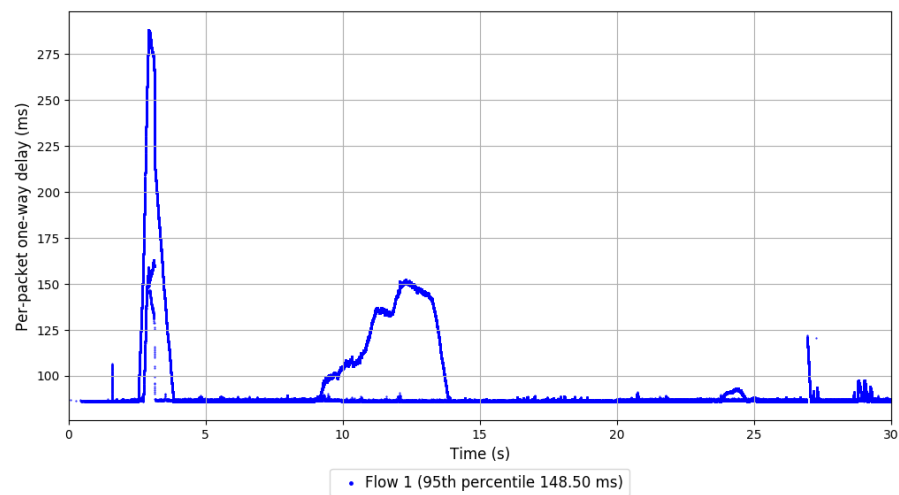
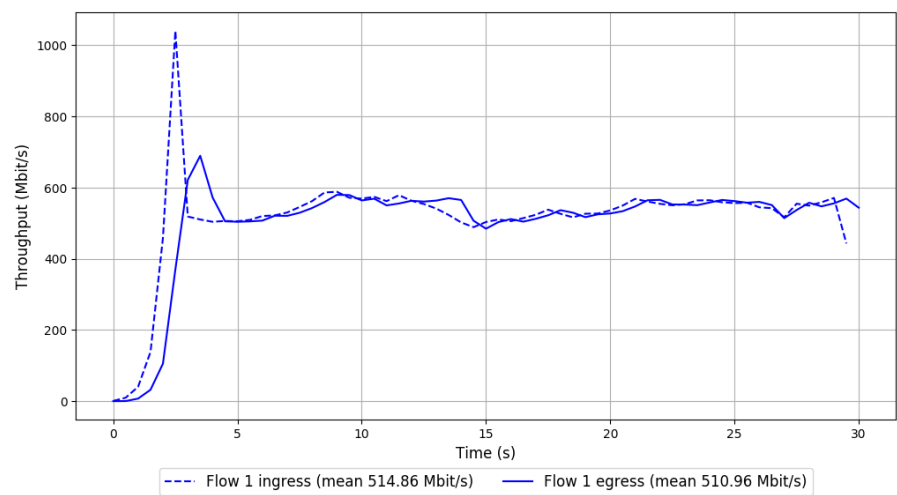


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-24 08:57:29
End at: 2018-07-24 08:57:59
Local clock offset: 0.934 ms
Remote clock offset: -0.114 ms

Below is generated by plot.py at 2018-07-24 11:10:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 510.96 Mbit/s
95th percentile per-packet one-way delay: 148.495 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 510.96 Mbit/s
95th percentile per-packet one-way delay: 148.495 ms
Loss rate: 0.76%

Run 9: Report of PCC-Allegro — Data Link

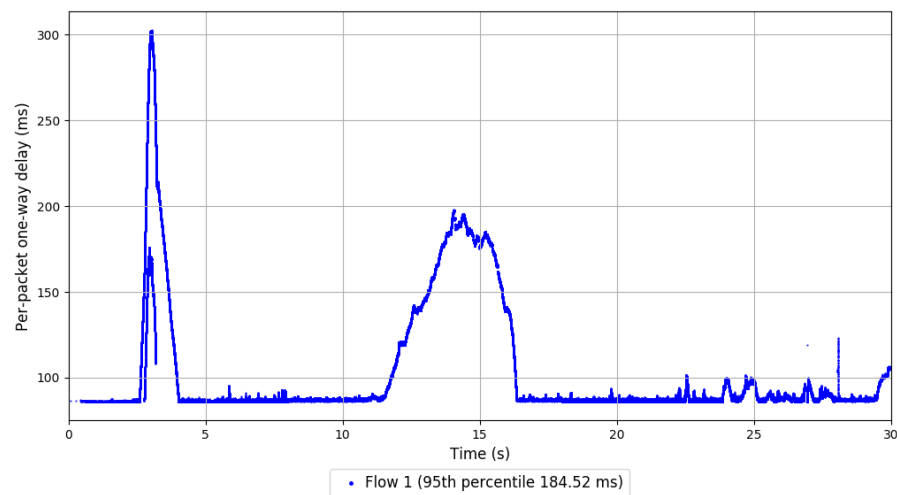
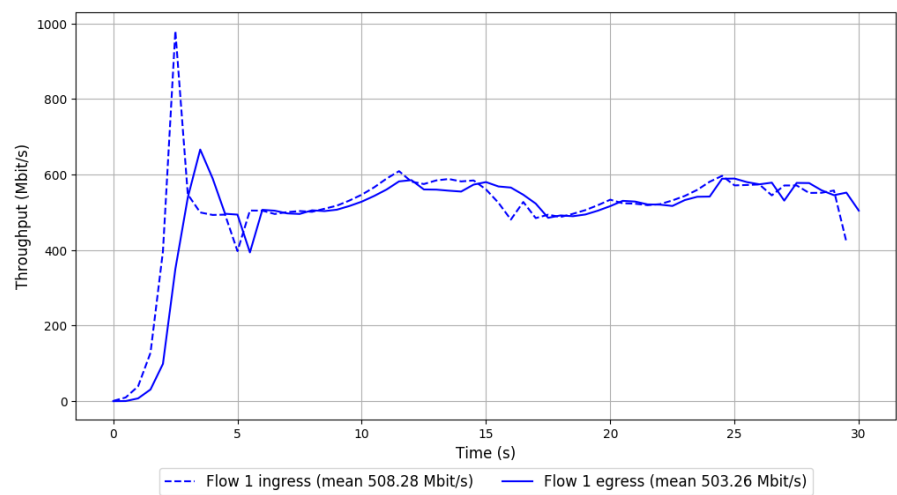


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-24 09:20:01
End at: 2018-07-24 09:20:31
Local clock offset: 0.572 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2018-07-24 11:10:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 503.26 Mbit/s
95th percentile per-packet one-way delay: 184.518 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 503.26 Mbit/s
95th percentile per-packet one-way delay: 184.518 ms
Loss rate: 0.98%

Run 10: Report of PCC-Allegro — Data Link

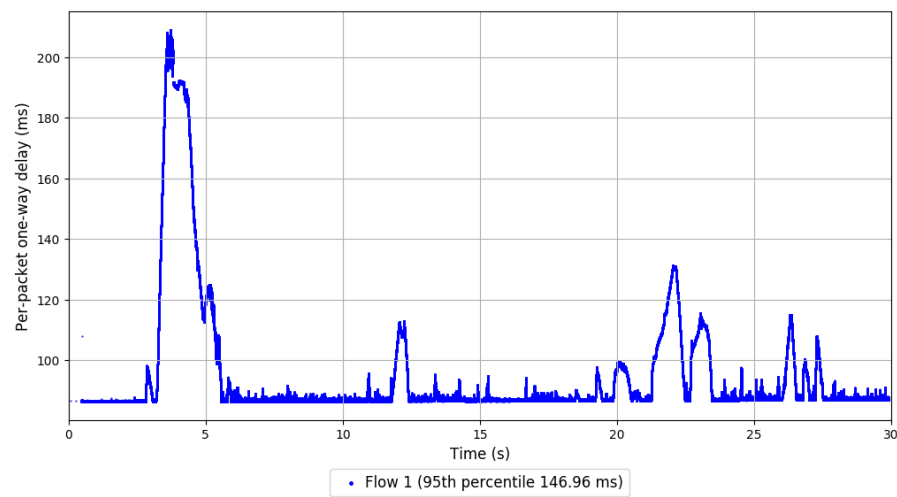
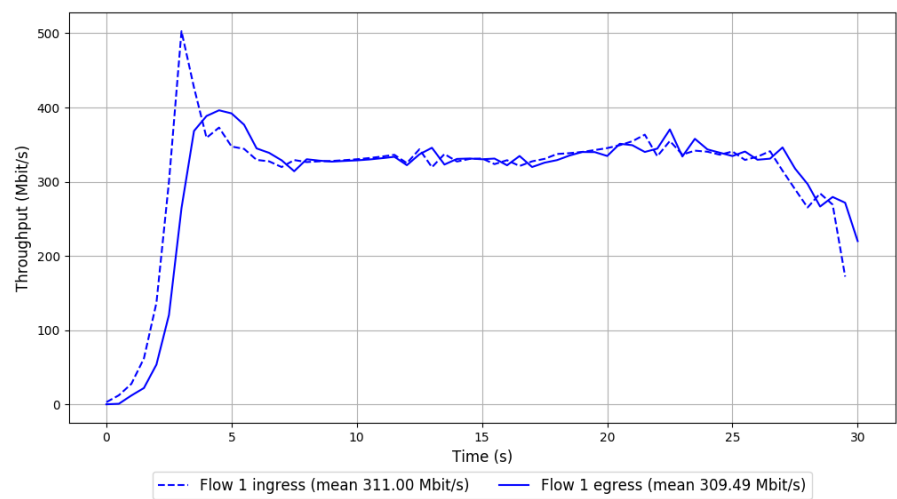


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-24 05:58:24
End at: 2018-07-24 05:58:54
Local clock offset: 17.652 ms
Remote clock offset: -0.157 ms

# Below is generated by plot.py at 2018-07-24 11:13:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 309.49 Mbit/s
95th percentile per-packet one-way delay: 146.962 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 309.49 Mbit/s
95th percentile per-packet one-way delay: 146.962 ms
Loss rate: 0.49%
```

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2018-07-24 06:21:03

End at: 2018-07-24 06:21:33

Local clock offset: 22.986 ms

Remote clock offset: -0.2 ms

Below is generated by plot.py at 2018-07-24 11:13:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 272.48 Mbit/s

95th percentile per-packet one-way delay: 202.829 ms

Loss rate: 1.47%

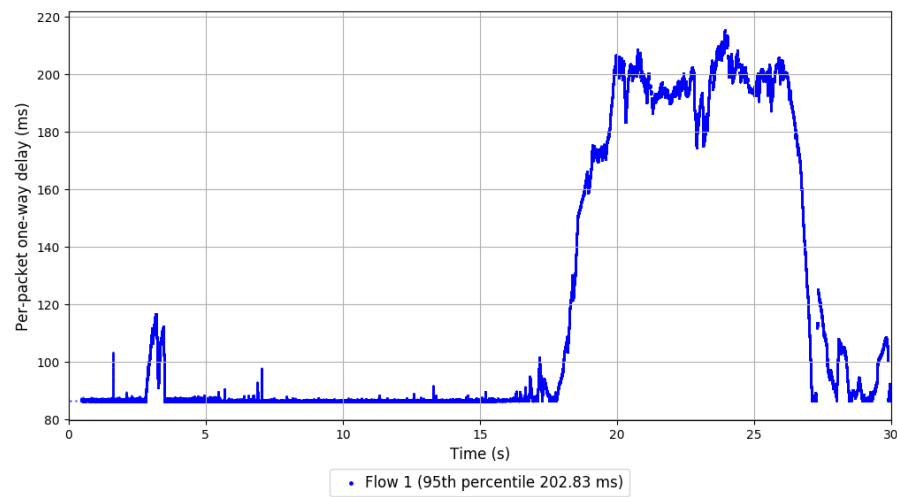
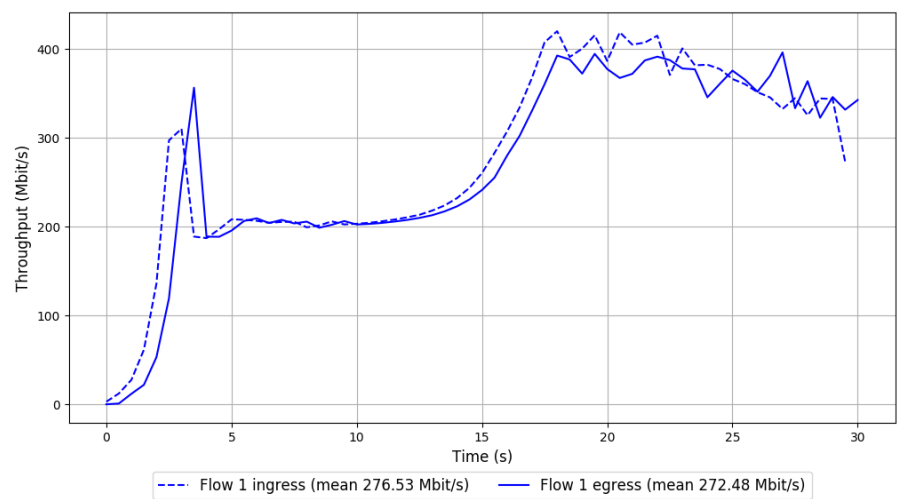
-- Flow 1:

Average throughput: 272.48 Mbit/s

95th percentile per-packet one-way delay: 202.829 ms

Loss rate: 1.47%

Run 2: Report of PCC-Expr — Data Link

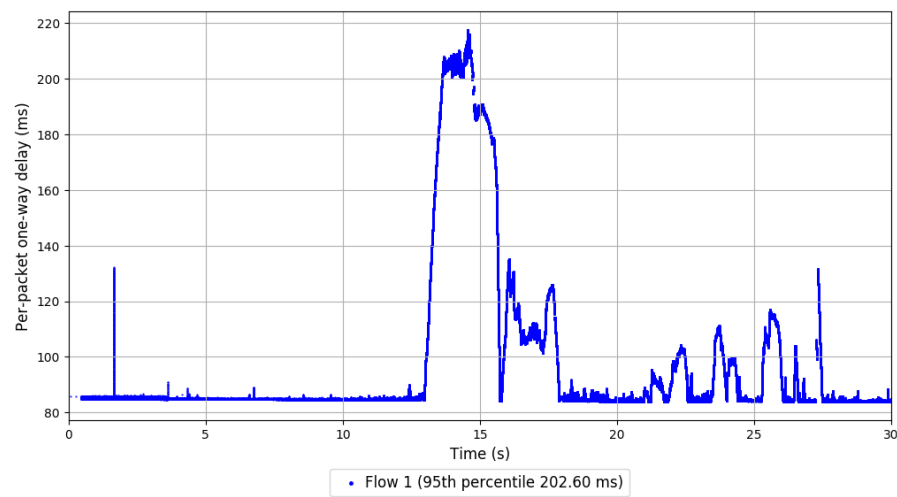
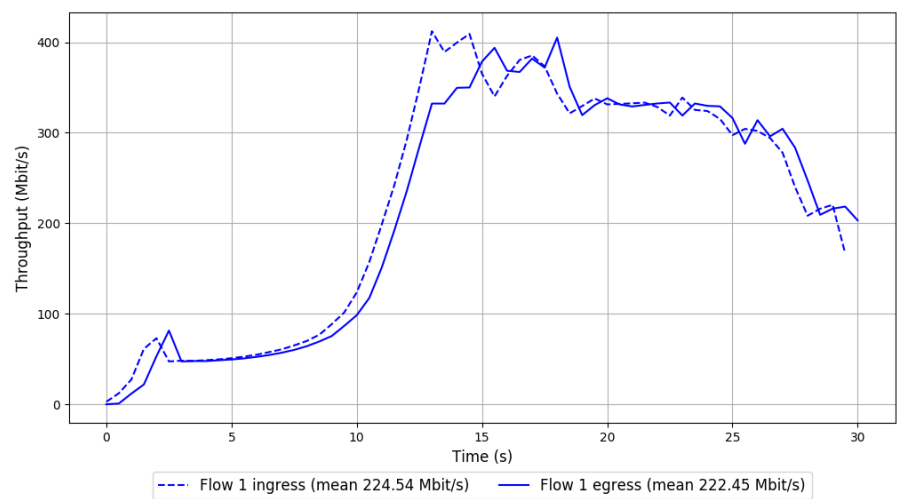


Run 3: Statistics of PCC-Expr

Start at: 2018-07-24 06:43:45
End at: 2018-07-24 06:44:15
Local clock offset: 28.698 ms
Remote clock offset: -0.332 ms

Below is generated by plot.py at 2018-07-24 11:13:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 222.45 Mbit/s
95th percentile per-packet one-way delay: 202.605 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 222.45 Mbit/s
95th percentile per-packet one-way delay: 202.605 ms
Loss rate: 0.94%

Run 3: Report of PCC-Expr — Data Link

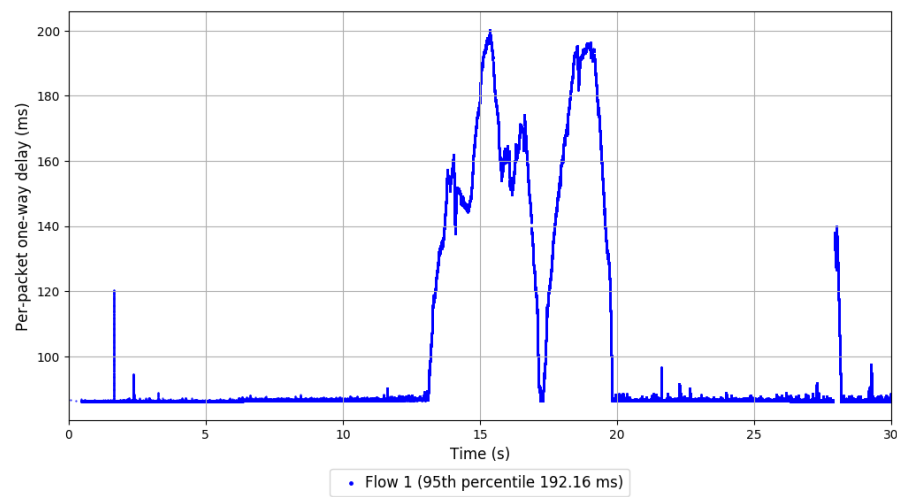
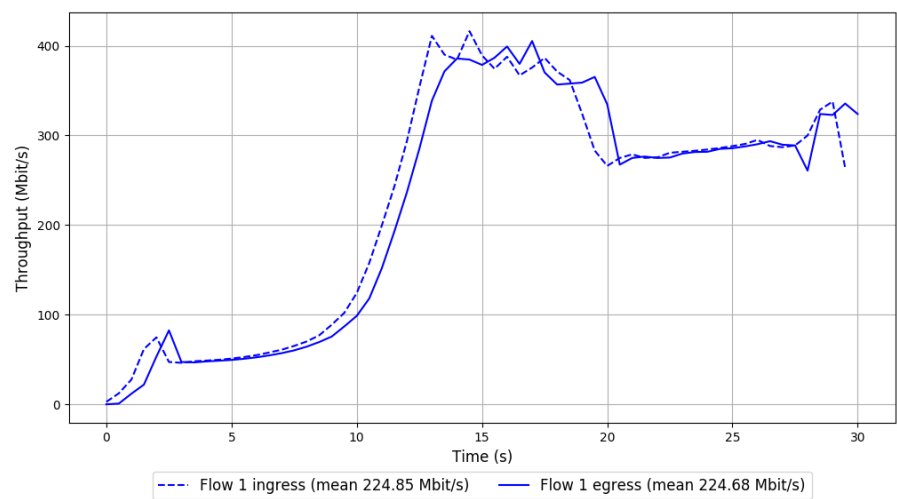


Run 4: Statistics of PCC-Expr

Start at: 2018-07-24 07:06:12
End at: 2018-07-24 07:06:42
Local clock offset: 17.489 ms
Remote clock offset: -0.178 ms

Below is generated by plot.py at 2018-07-24 11:13:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 224.68 Mbit/s
95th percentile per-packet one-way delay: 192.160 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 224.68 Mbit/s
95th percentile per-packet one-way delay: 192.160 ms
Loss rate: 0.07%

Run 4: Report of PCC-Expr — Data Link

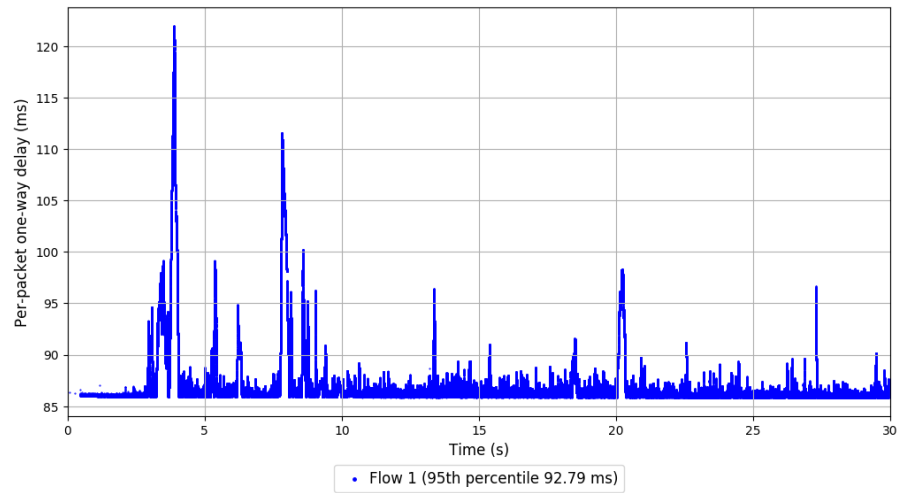
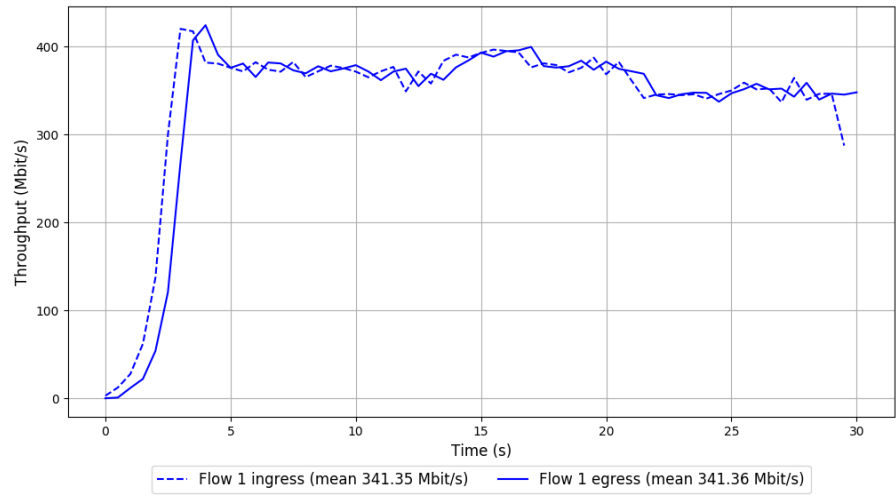


Run 5: Statistics of PCC-Expr

Start at: 2018-07-24 07:28:48
End at: 2018-07-24 07:29:18
Local clock offset: 7.803 ms
Remote clock offset: -0.119 ms

Below is generated by plot.py at 2018-07-24 11:17:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 341.36 Mbit/s
95th percentile per-packet one-way delay: 92.786 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 341.36 Mbit/s
95th percentile per-packet one-way delay: 92.786 ms
Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link

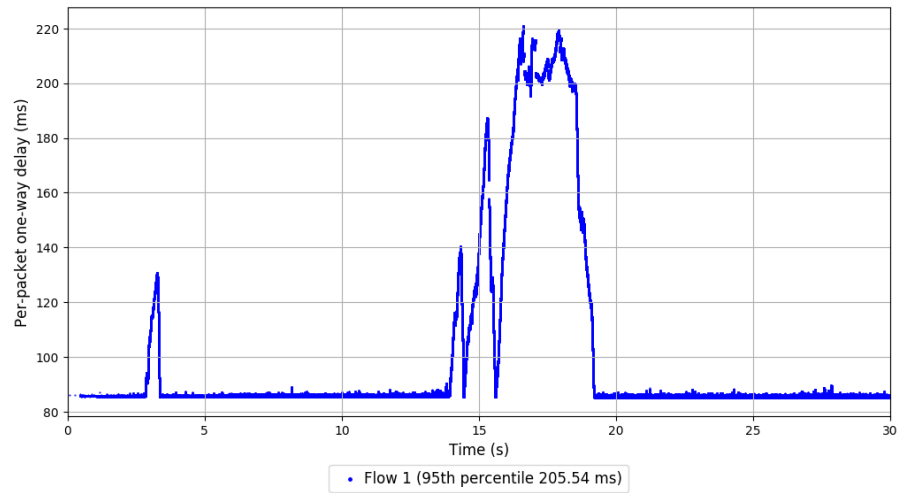
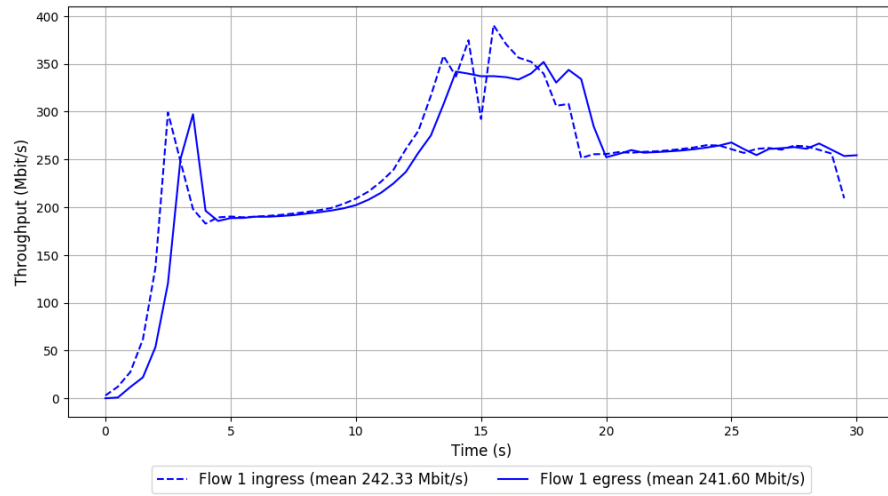


Run 6: Statistics of PCC-Expr

Start at: 2018-07-24 07:51:33
End at: 2018-07-24 07:52:03
Local clock offset: 6.994 ms
Remote clock offset: -0.121 ms

Below is generated by plot.py at 2018-07-24 11:17:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 241.60 Mbit/s
95th percentile per-packet one-way delay: 205.545 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 241.60 Mbit/s
95th percentile per-packet one-way delay: 205.545 ms
Loss rate: 0.30%

Run 6: Report of PCC-Expr — Data Link

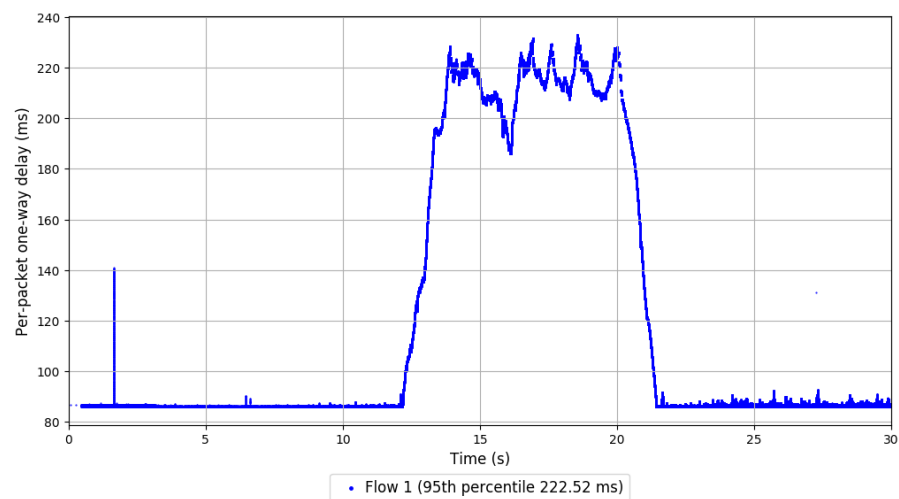
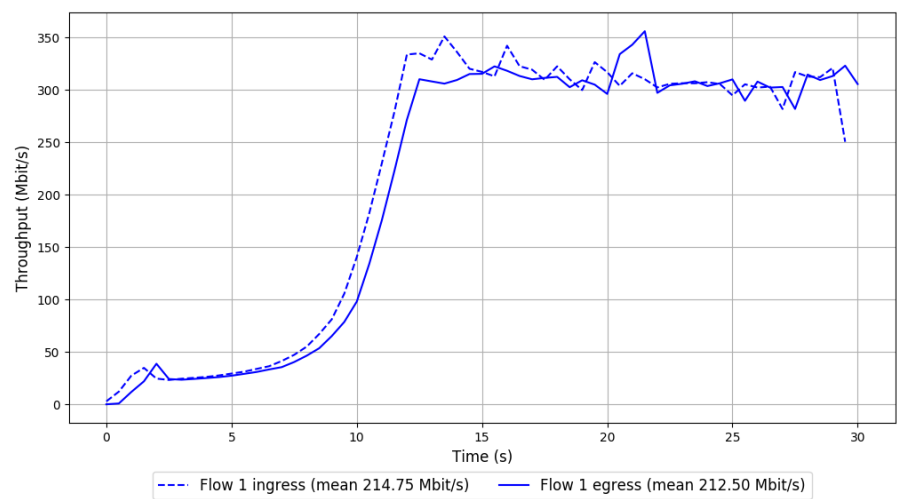


Run 7: Statistics of PCC-Expr

Start at: 2018-07-24 08:13:46
End at: 2018-07-24 08:14:16
Local clock offset: 1.917 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2018-07-24 11:19:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 212.50 Mbit/s
95th percentile per-packet one-way delay: 222.516 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 212.50 Mbit/s
95th percentile per-packet one-way delay: 222.516 ms
Loss rate: 1.05%

Run 7: Report of PCC-Expr — Data Link

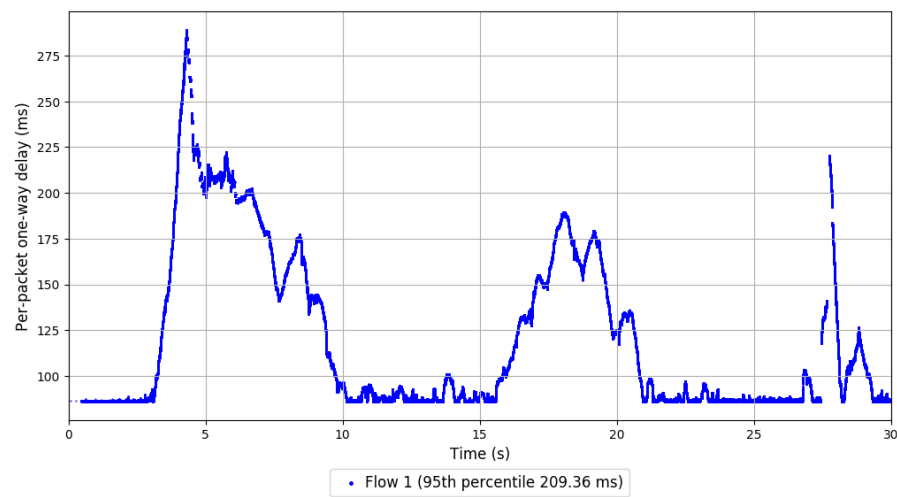
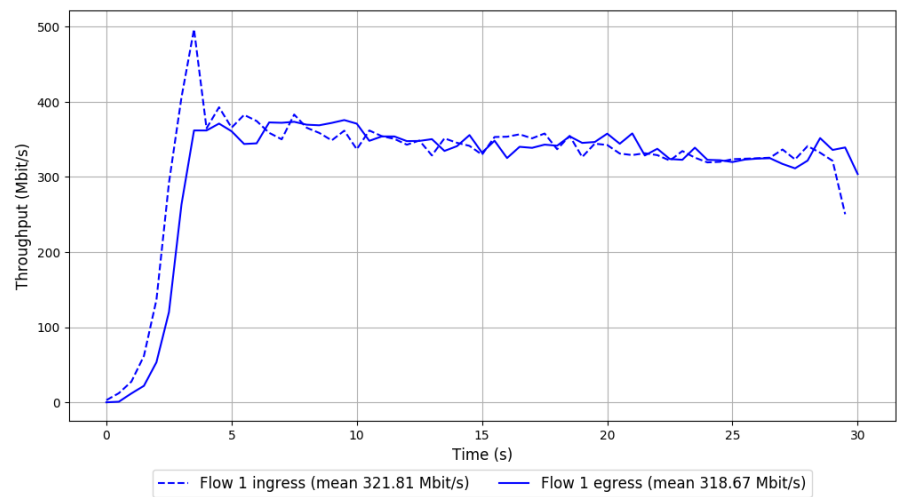


Run 8: Statistics of PCC-Expr

Start at: 2018-07-24 08:36:14
End at: 2018-07-24 08:36:44
Local clock offset: 0.692 ms
Remote clock offset: -0.114 ms

Below is generated by plot.py at 2018-07-24 11:24:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 318.67 Mbit/s
95th percentile per-packet one-way delay: 209.362 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 318.67 Mbit/s
95th percentile per-packet one-way delay: 209.362 ms
Loss rate: 0.98%

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

Start at: 2018-07-24 08:58:55

End at: 2018-07-24 08:59:25

Local clock offset: 0.775 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2018-07-24 11:24:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 291.71 Mbit/s

95th percentile per-packet one-way delay: 195.599 ms

Loss rate: 0.76%

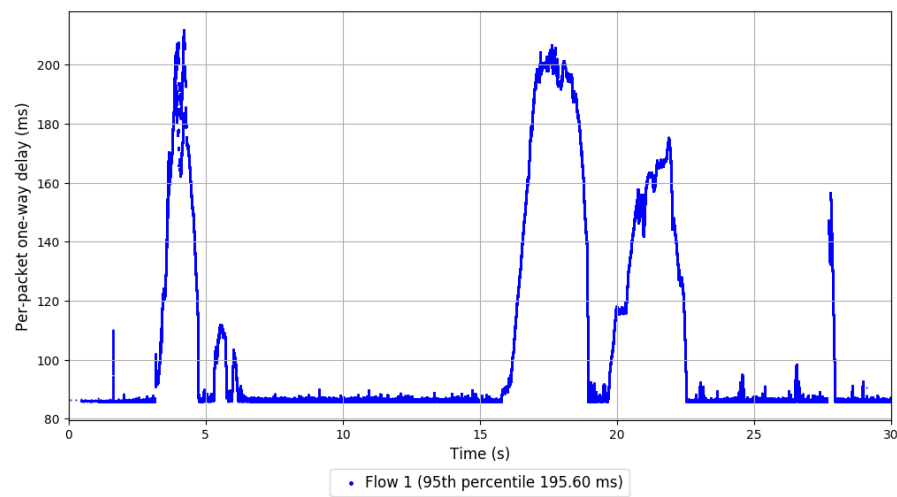
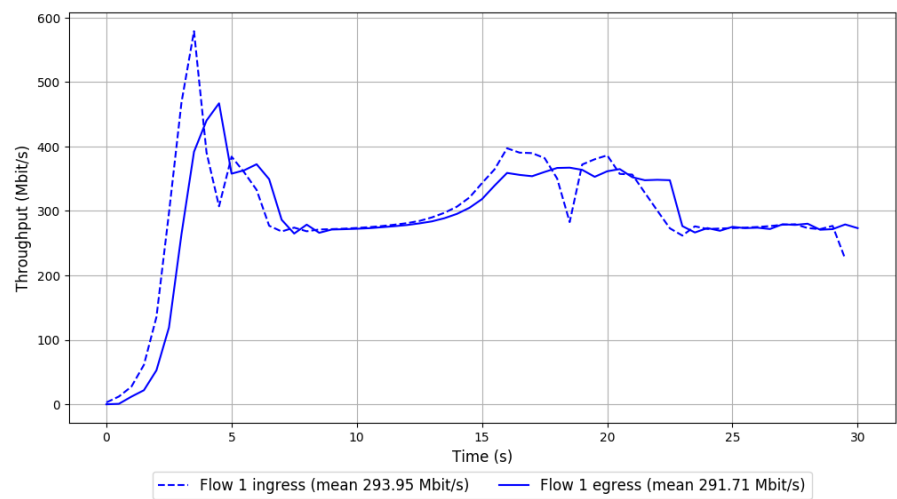
-- Flow 1:

Average throughput: 291.71 Mbit/s

95th percentile per-packet one-way delay: 195.599 ms

Loss rate: 0.76%

Run 9: Report of PCC-Expr — Data Link

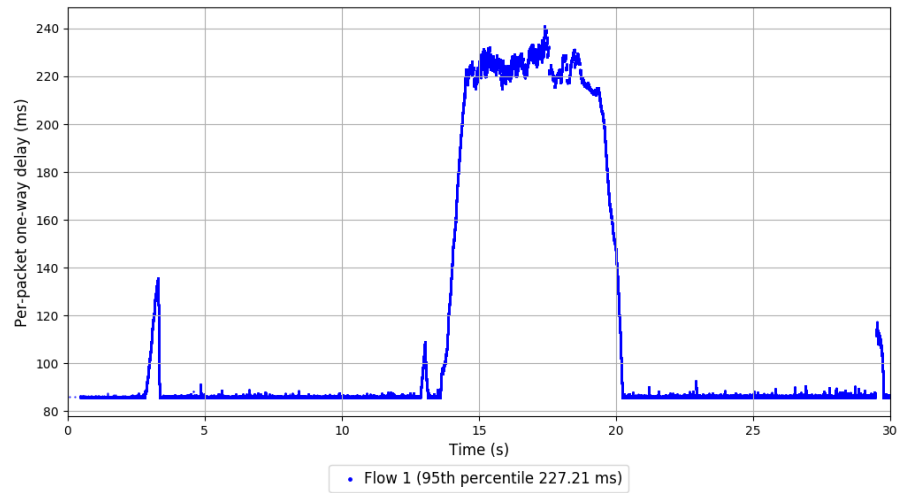
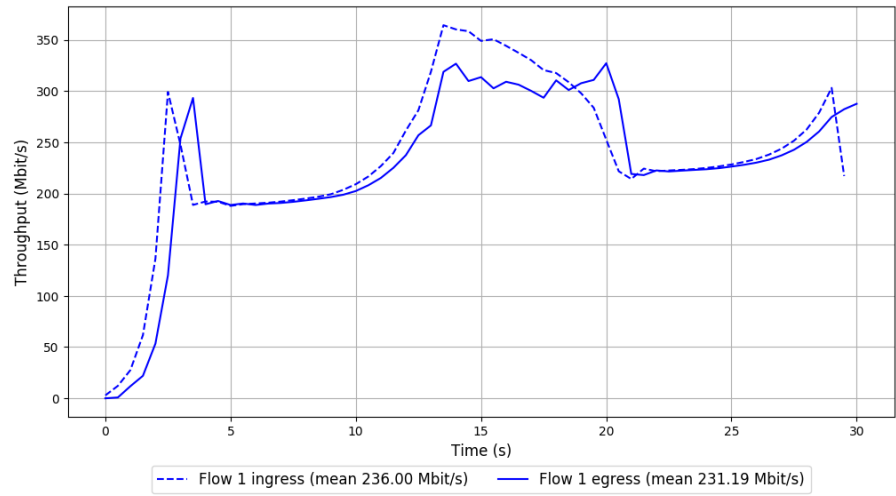


Run 10: Statistics of PCC-Expr

Start at: 2018-07-24 09:21:27
End at: 2018-07-24 09:21:57
Local clock offset: 0.579 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2018-07-24 11:24:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 231.19 Mbit/s
95th percentile per-packet one-way delay: 227.210 ms
Loss rate: 2.04%
-- Flow 1:
Average throughput: 231.19 Mbit/s
95th percentile per-packet one-way delay: 227.210 ms
Loss rate: 2.04%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

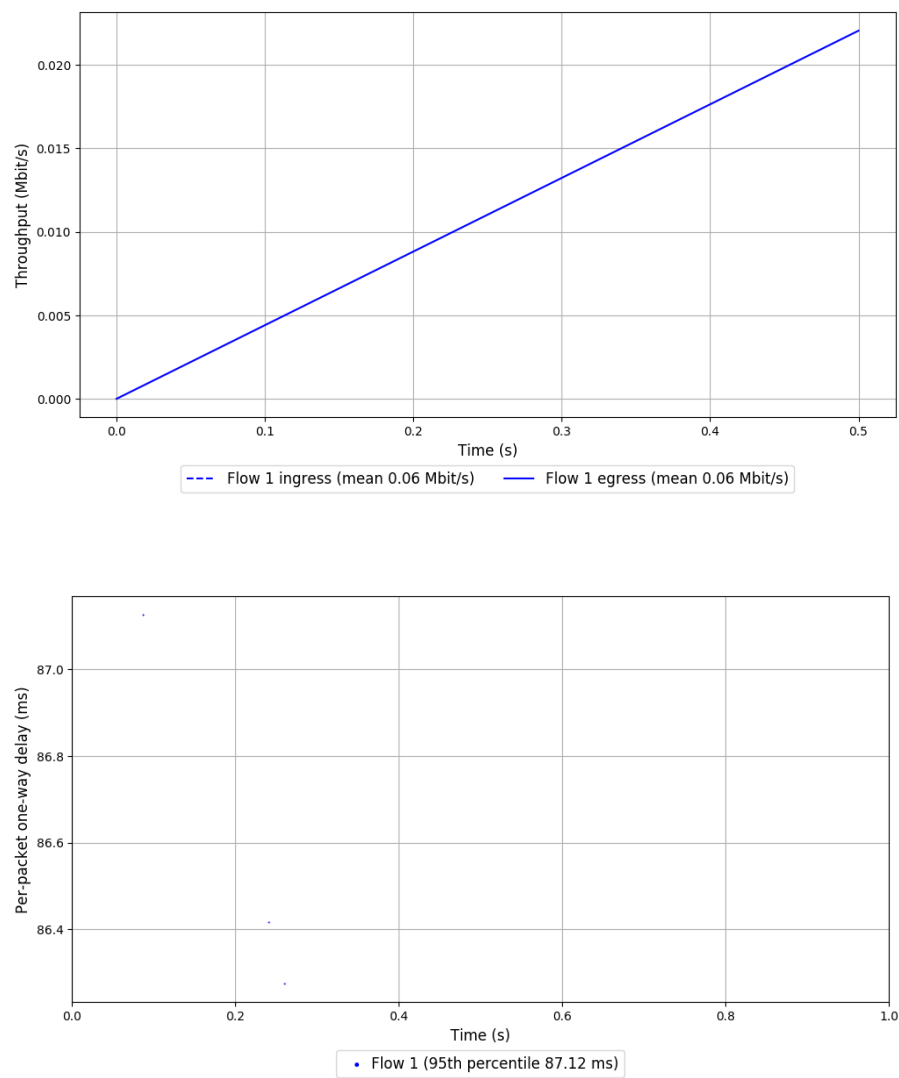
Start at: 2018-07-24 05:55:52

End at: 2018-07-24 05:56:22

Local clock offset: 15.15 ms

Remote clock offset: -0.113 ms

Run 1: Report of QUIC Cubic — Data Link

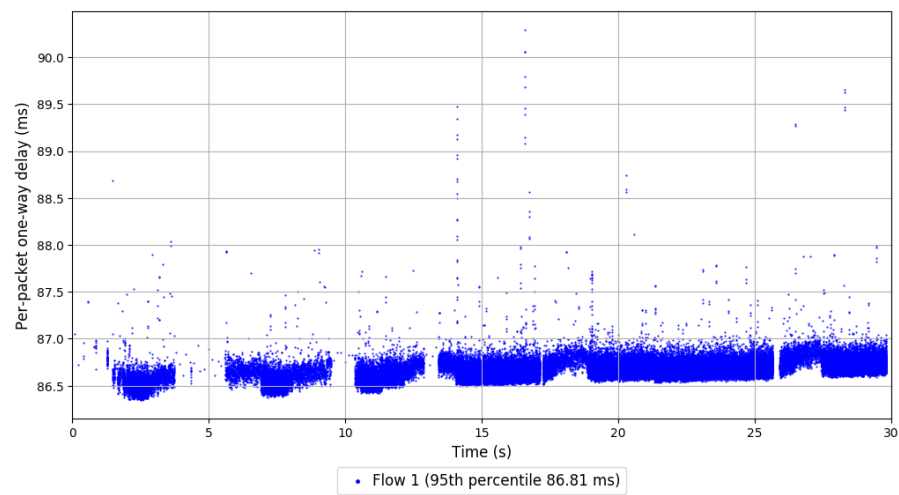
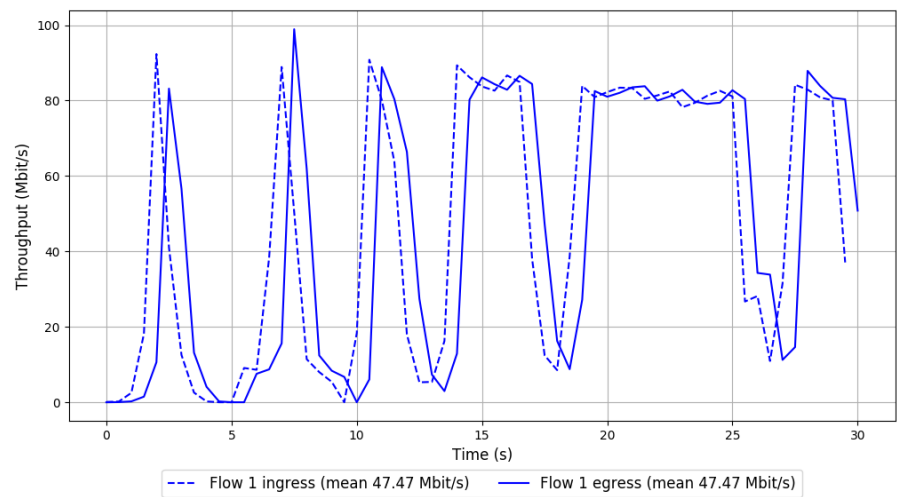


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-24 06:18:27
End at: 2018-07-24 06:18:57
Local clock offset: 21.332 ms
Remote clock offset: -0.162 ms

Below is generated by plot.py at 2018-07-24 11:24:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.47 Mbit/s
95th percentile per-packet one-way delay: 86.811 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.47 Mbit/s
95th percentile per-packet one-way delay: 86.811 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-07-24 06:41:08

End at: 2018-07-24 06:41:38

Local clock offset: 37.007 ms

Remote clock offset: -0.261 ms

Below is generated by plot.py at 2018-07-24 11:24:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.05 Mbit/s

95th percentile per-packet one-way delay: 83.985 ms

Loss rate: 0.00%

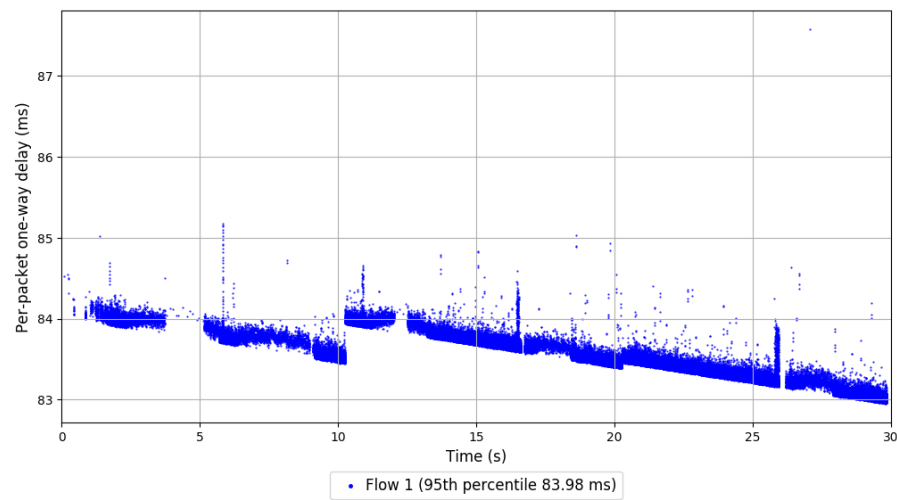
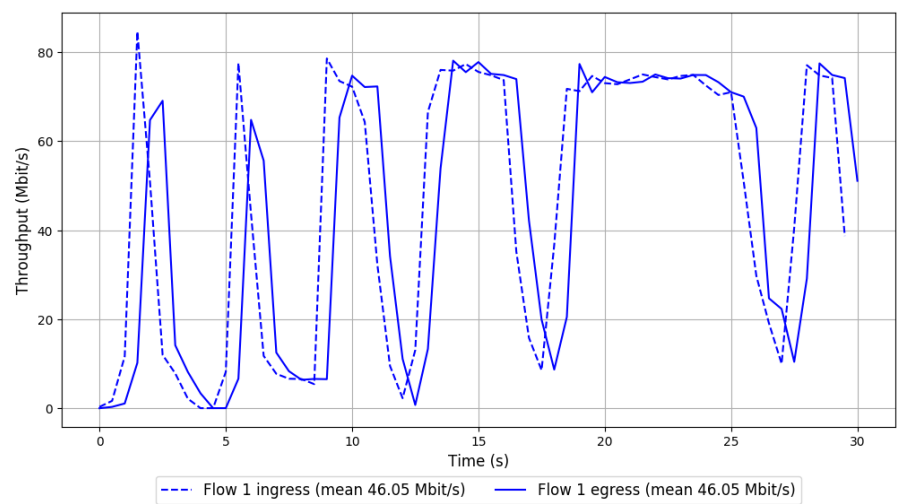
-- Flow 1:

Average throughput: 46.05 Mbit/s

95th percentile per-packet one-way delay: 83.985 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-07-24 07:03:35

End at: 2018-07-24 07:04:05

Local clock offset: 16.725 ms

Remote clock offset: -0.144 ms

Below is generated by plot.py at 2018-07-24 11:24:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.38 Mbit/s

95th percentile per-packet one-way delay: 86.433 ms

Loss rate: 0.00%

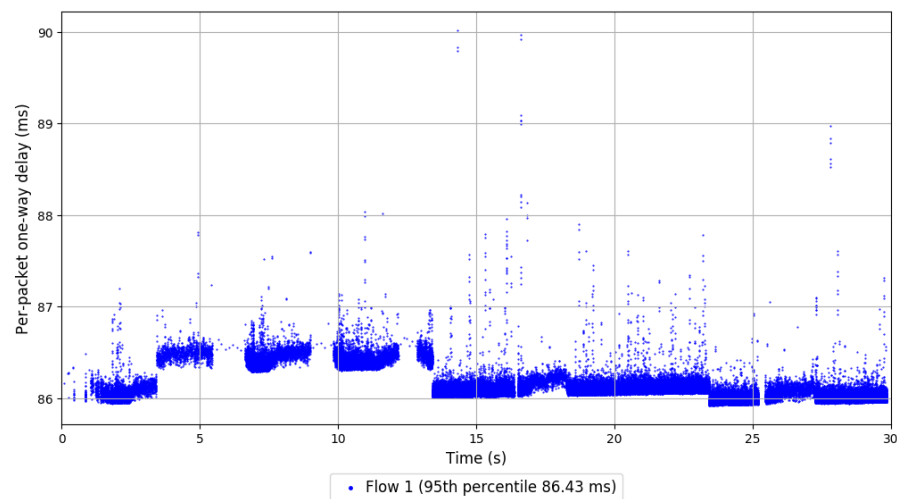
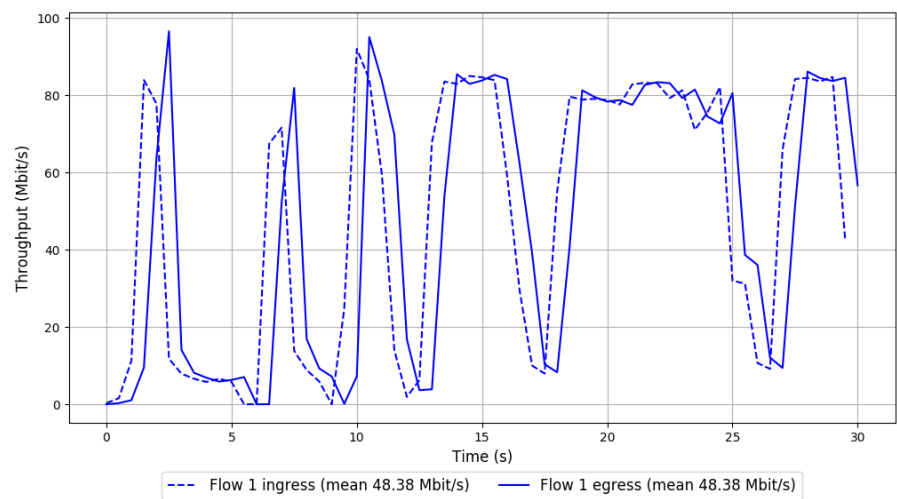
-- Flow 1:

Average throughput: 48.38 Mbit/s

95th percentile per-packet one-way delay: 86.433 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-07-24 07:26:12

End at: 2018-07-24 07:26:42

Local clock offset: 8.579 ms

Remote clock offset: -0.142 ms

Below is generated by plot.py at 2018-07-24 11:24:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.62 Mbit/s

95th percentile per-packet one-way delay: 85.973 ms

Loss rate: 0.00%

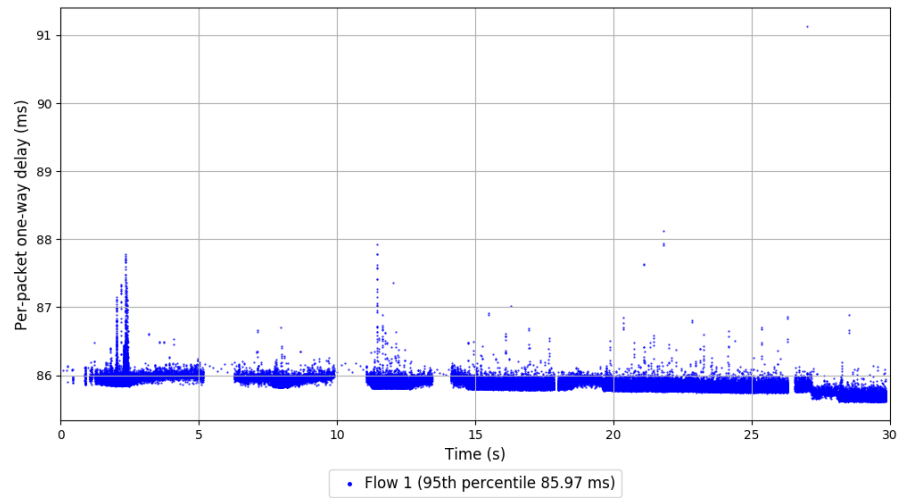
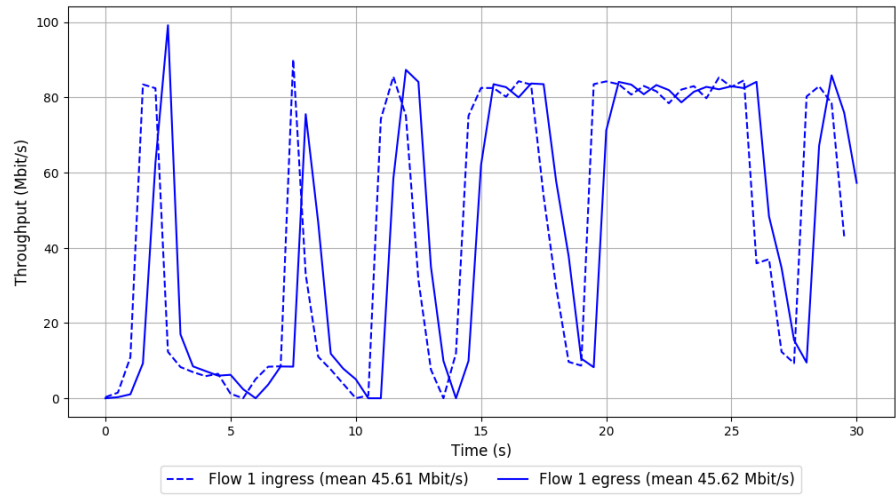
-- Flow 1:

Average throughput: 45.62 Mbit/s

95th percentile per-packet one-way delay: 85.973 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-07-24 07:48:56

End at: 2018-07-24 07:49:26

Local clock offset: 9.095 ms

Remote clock offset: -0.104 ms

Below is generated by plot.py at 2018-07-24 11:24:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.52 Mbit/s

95th percentile per-packet one-way delay: 85.921 ms

Loss rate: 0.00%

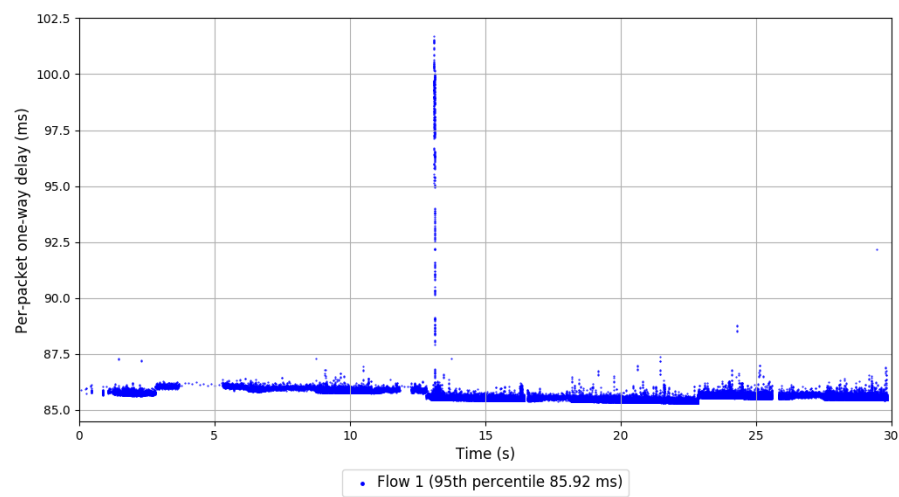
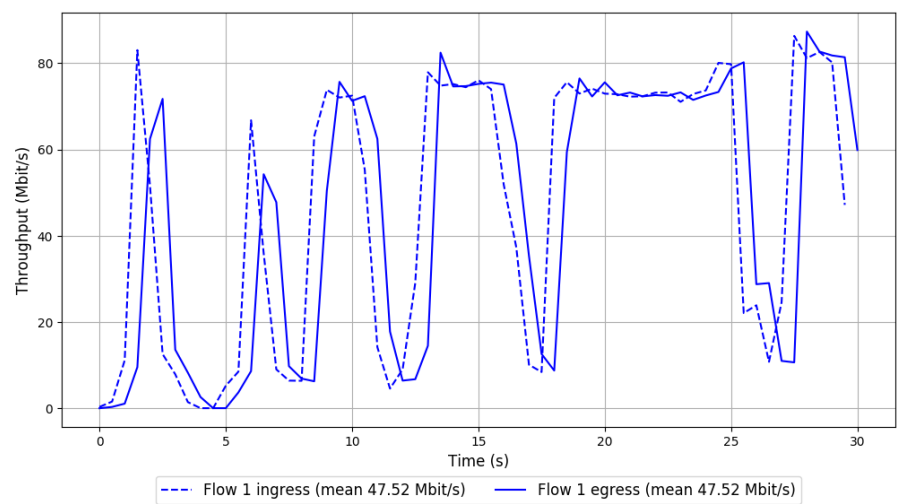
-- Flow 1:

Average throughput: 47.52 Mbit/s

95th percentile per-packet one-way delay: 85.921 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

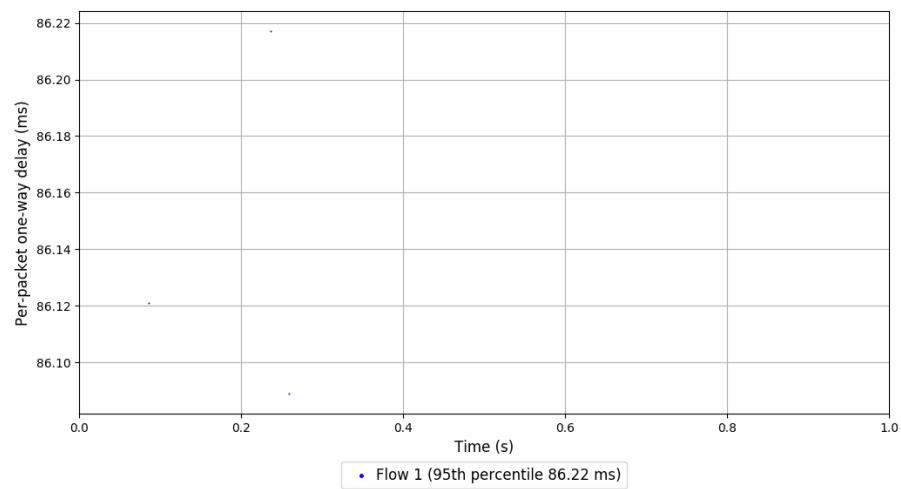
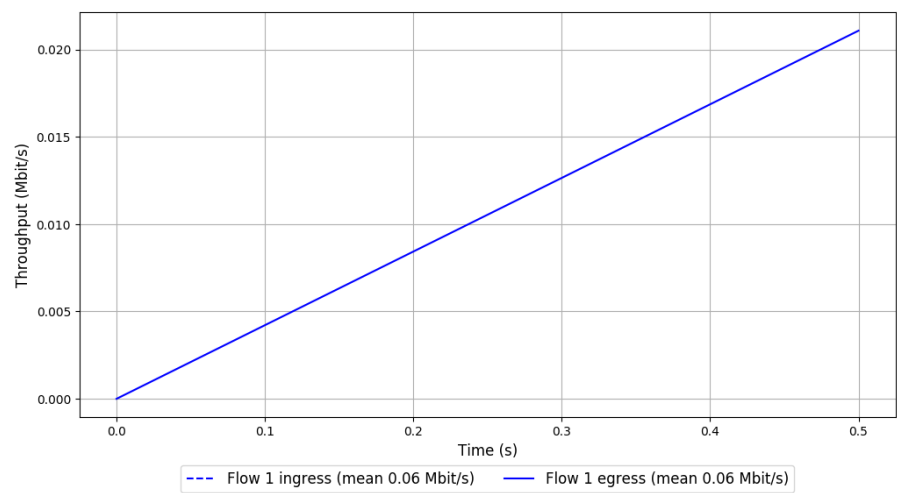
Start at: 2018-07-24 08:11:12

End at: 2018-07-24 08:11:42

Local clock offset: 1.972 ms

Remote clock offset: -0.093 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

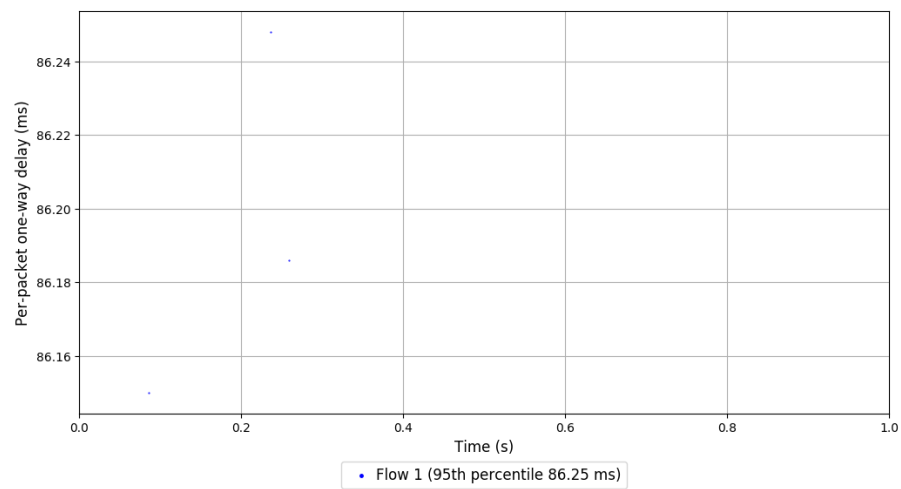
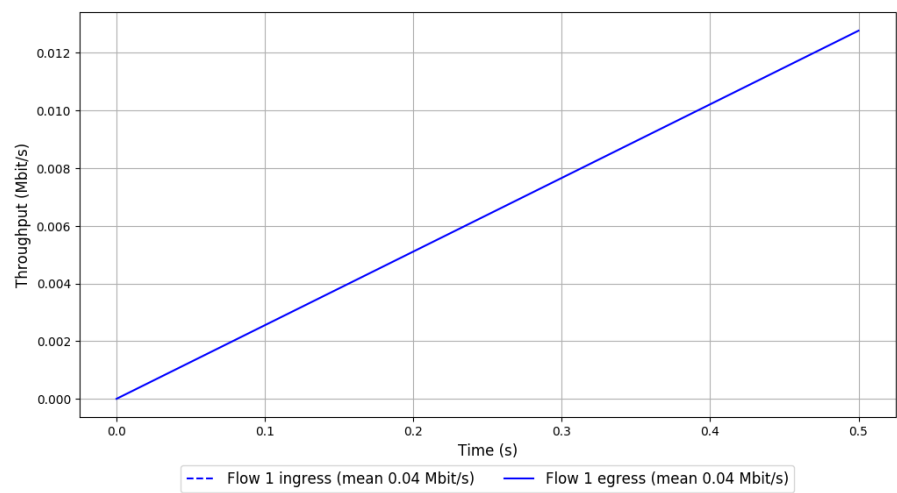
Start at: 2018-07-24 08:33:41

End at: 2018-07-24 08:34:11

Local clock offset: 0.91 ms

Remote clock offset: -0.102 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-07-24 08:56:19

End at: 2018-07-24 08:56:49

Local clock offset: 1.128 ms

Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-07-24 11:24:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.22 Mbit/s

95th percentile per-packet one-way delay: 85.955 ms

Loss rate: 0.00%

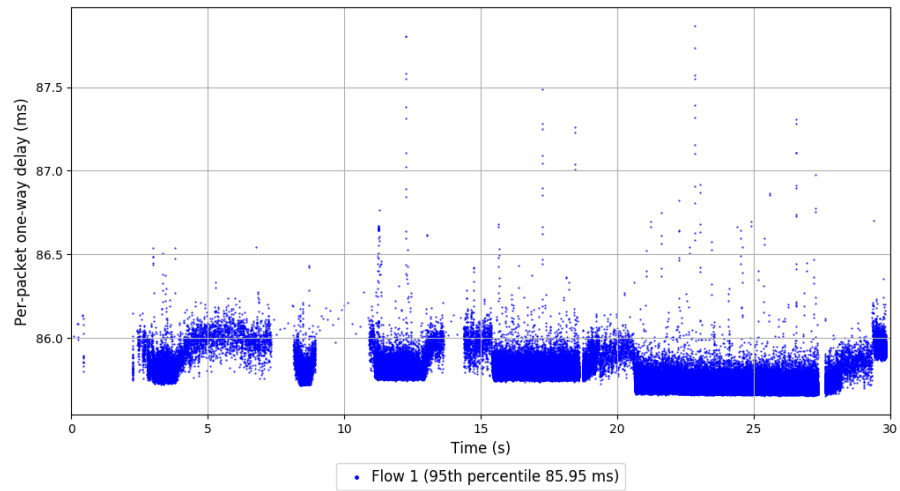
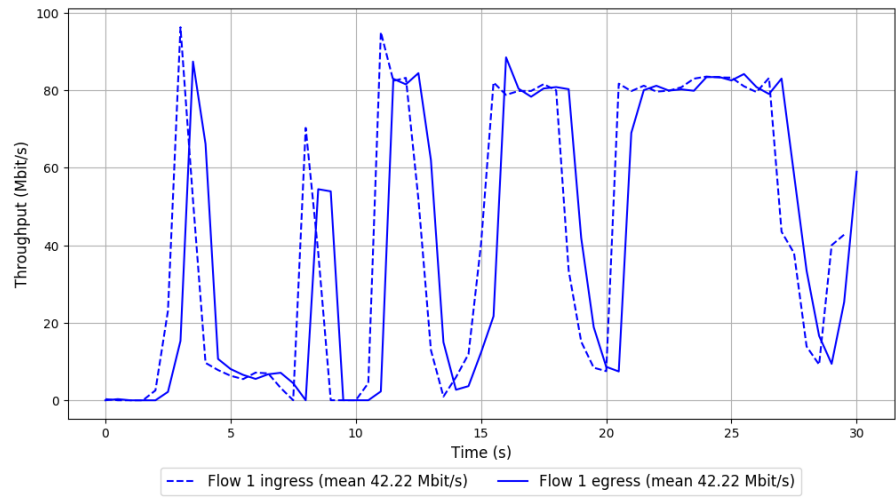
-- Flow 1:

Average throughput: 42.22 Mbit/s

95th percentile per-packet one-way delay: 85.955 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

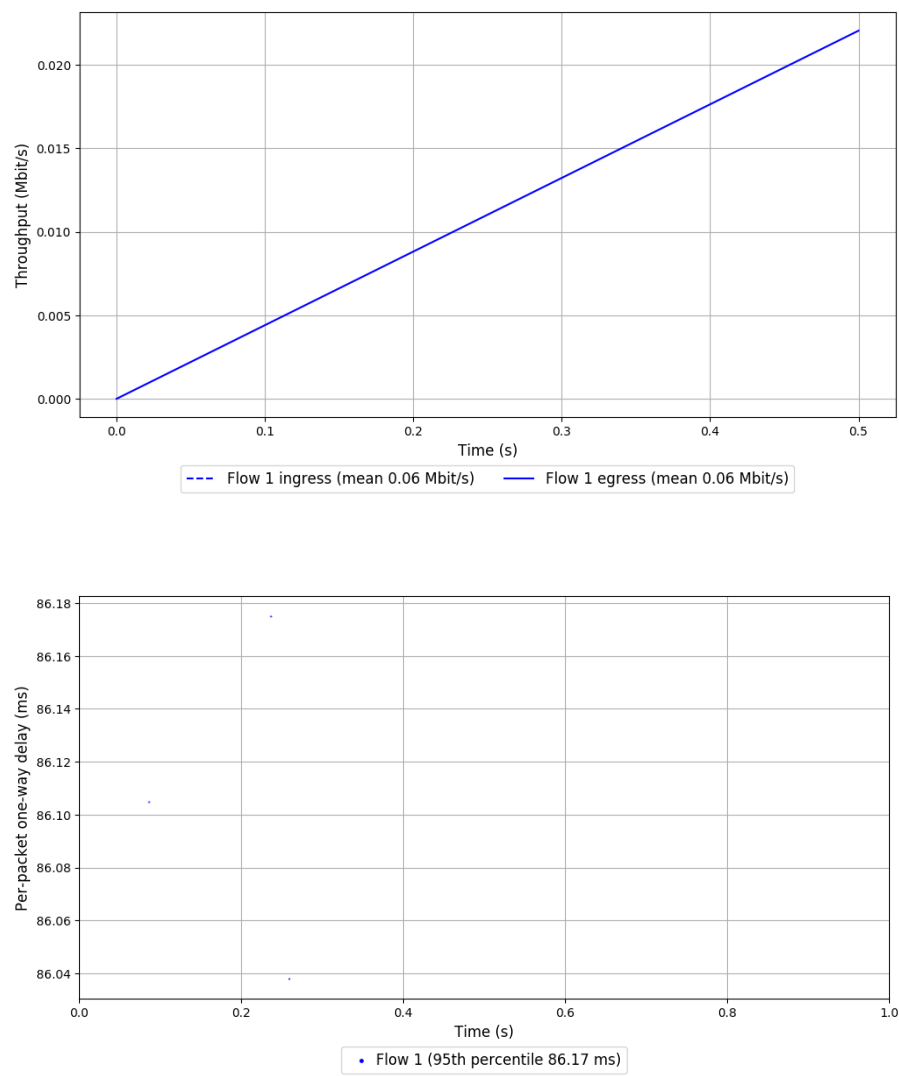
Start at: 2018-07-24 09:18:54

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

Local clock offset: 0.589 ms

Remote clock offset: -0.01 ms

Run 10: Report of QUIC Cubic — Data Link

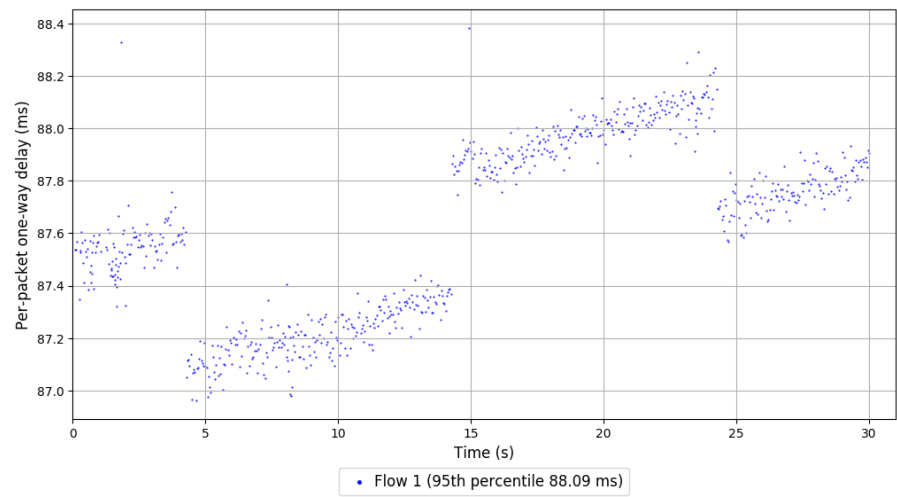
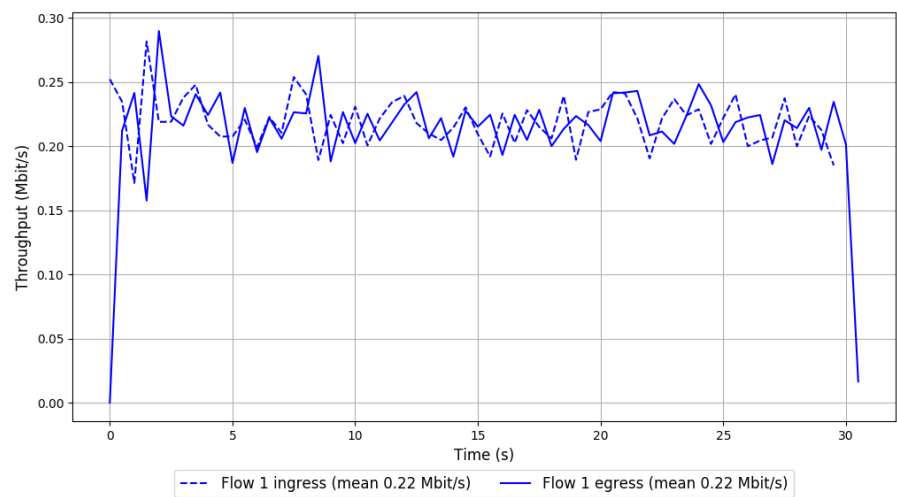


```
Run 1: Statistics of SCReAM

Start at: 2018-07-24 05:44:25
End at: 2018-07-24 05:44:55
Local clock offset: 10.667 ms
Remote clock offset: -0.096 ms

# Below is generated by plot.py at 2018-07-24 11:24:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.089 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.089 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

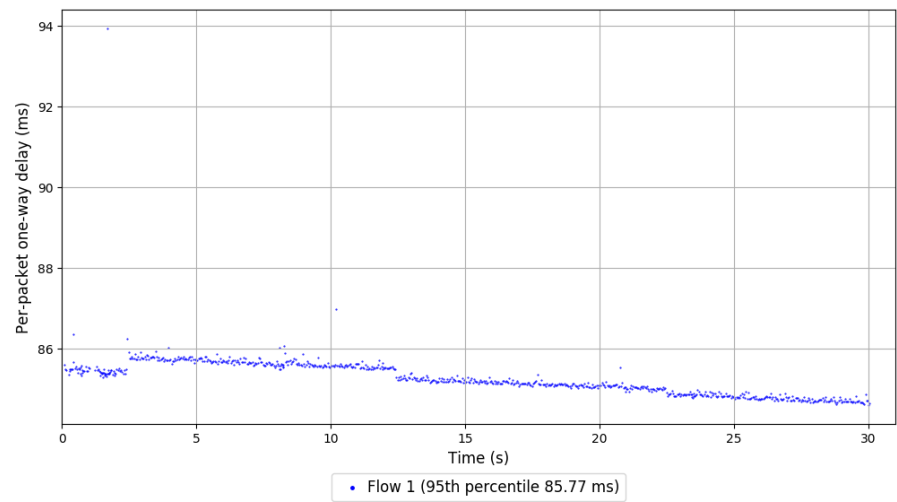
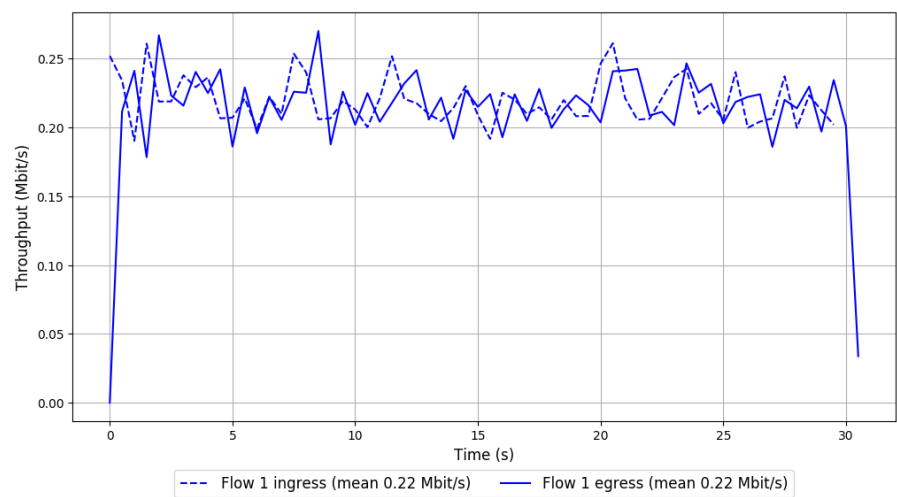


Run 2: Statistics of SCReAM

Start at: 2018-07-24 06:06:46
End at: 2018-07-24 06:07:16
Local clock offset: 26.077 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2018-07-24 11:24:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.774 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.774 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

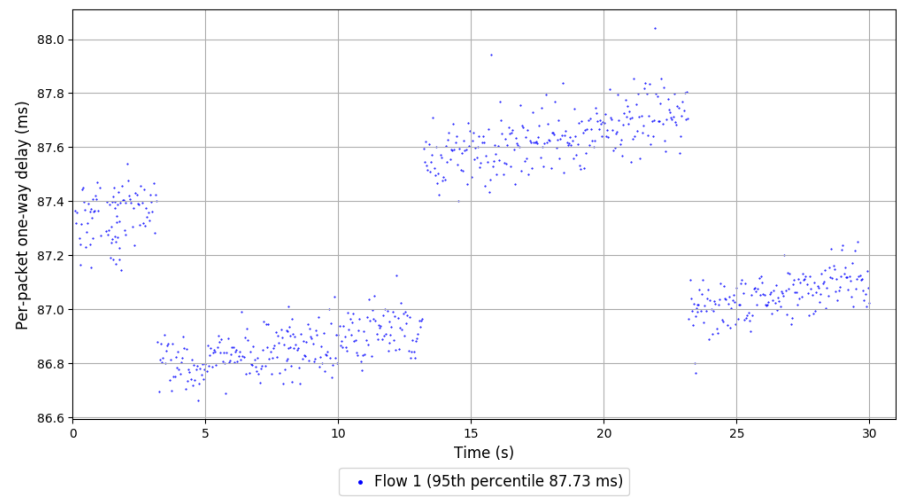
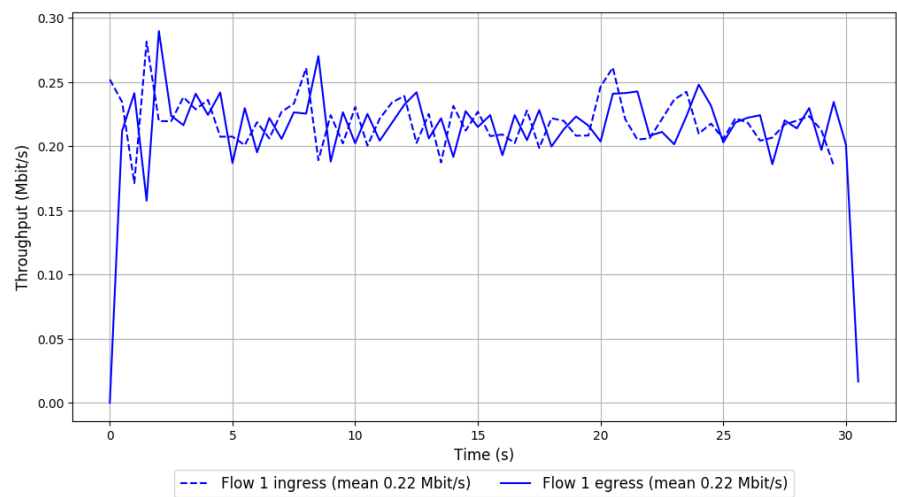


Run 3: Statistics of SCReAM

Start at: 2018-07-24 06:29:26
End at: 2018-07-24 06:29:56
Local clock offset: 30.3 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-07-24 11:24:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.726 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.726 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

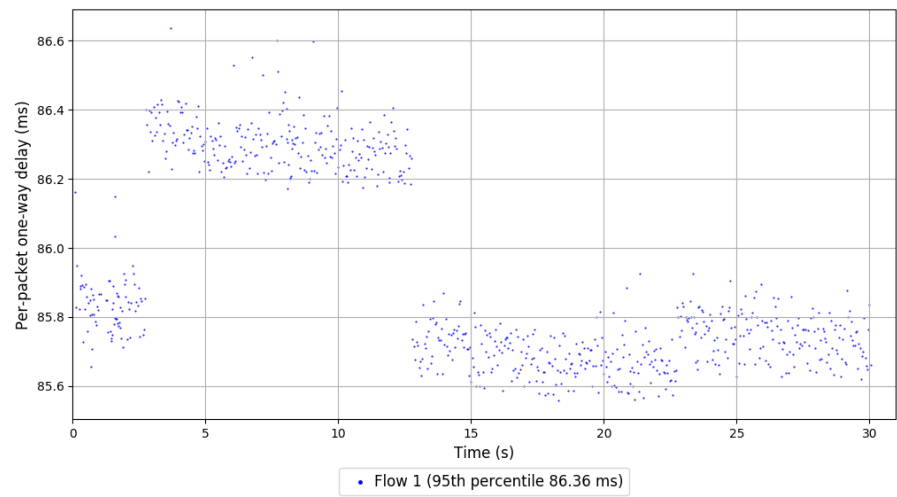
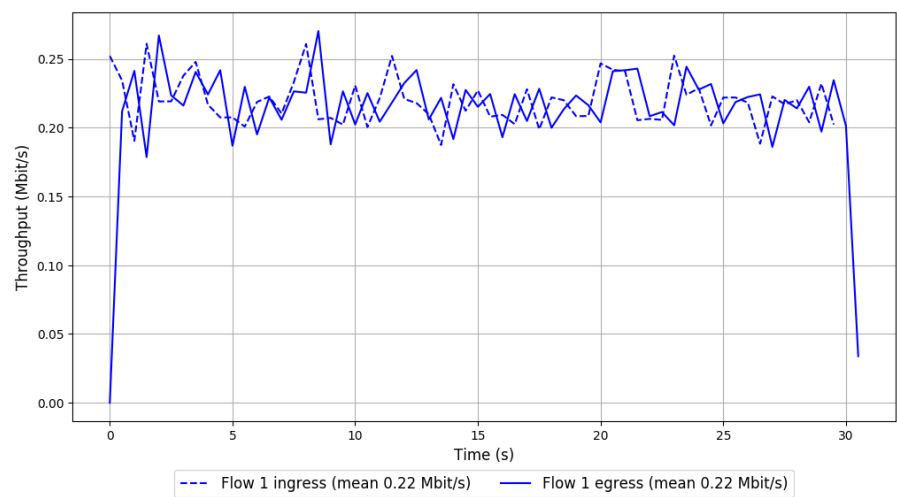


Run 4: Statistics of SCReAM

Start at: 2018-07-24 06:51:56
End at: 2018-07-24 06:52:26
Local clock offset: 17.283 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2018-07-24 11:24:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.364 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.364 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

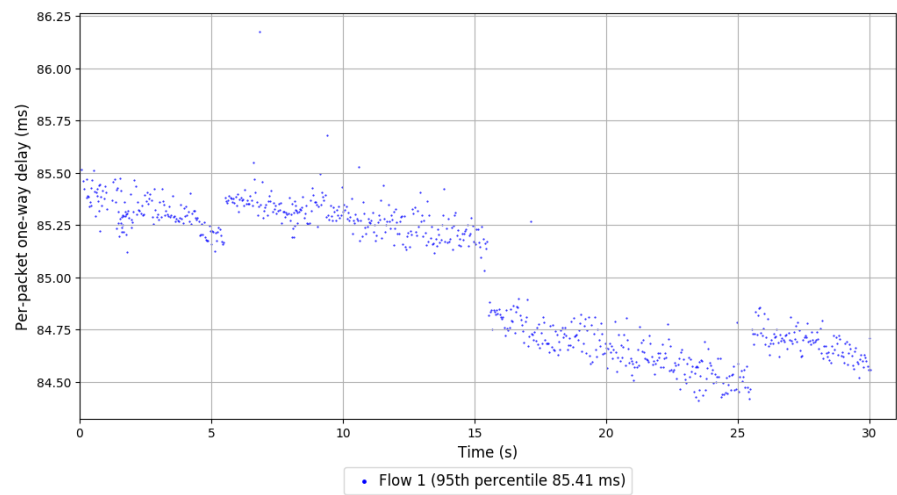
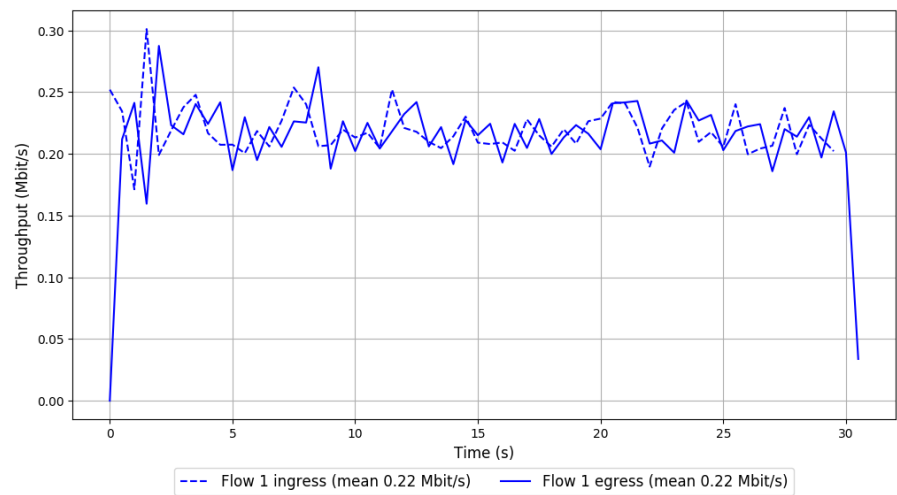


Run 5: Statistics of SCReAM

Start at: 2018-07-24 07:14:23
End at: 2018-07-24 07:14:53
Local clock offset: 20.176 ms
Remote clock offset: -0.171 ms

Below is generated by plot.py at 2018-07-24 11:24:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.407 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

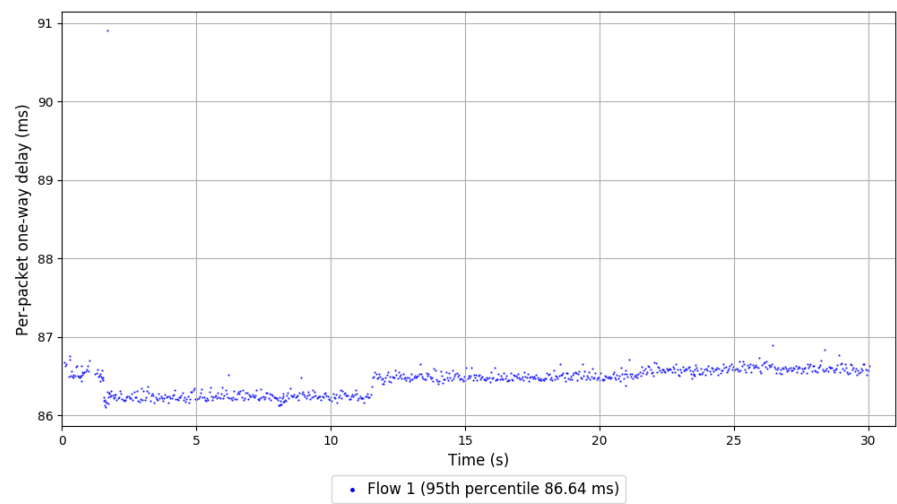
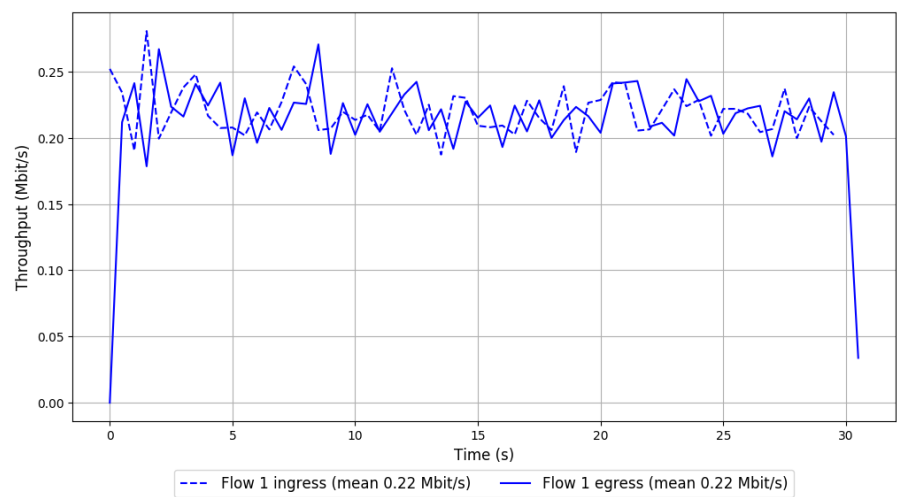


Run 6: Statistics of SCReAM

Start at: 2018-07-24 07:37:17
End at: 2018-07-24 07:37:47
Local clock offset: 7.92 ms
Remote clock offset: -0.141 ms

Below is generated by plot.py at 2018-07-24 11:24:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.642 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.642 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

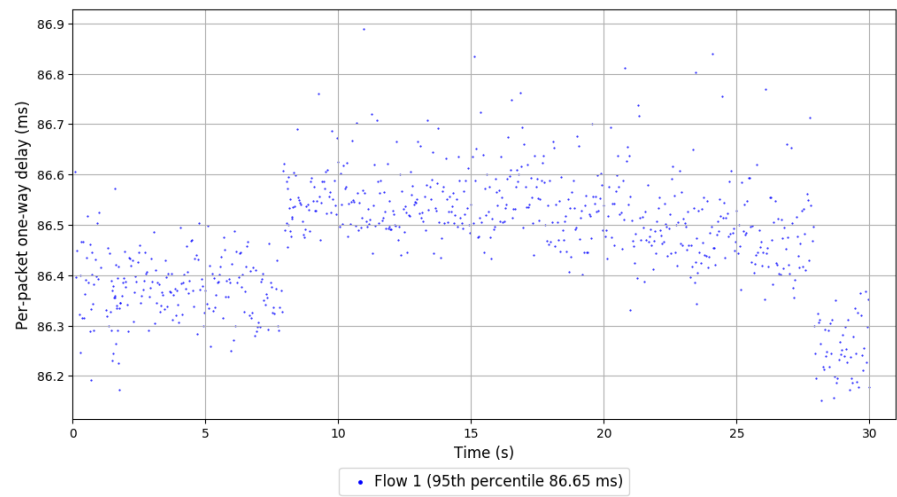
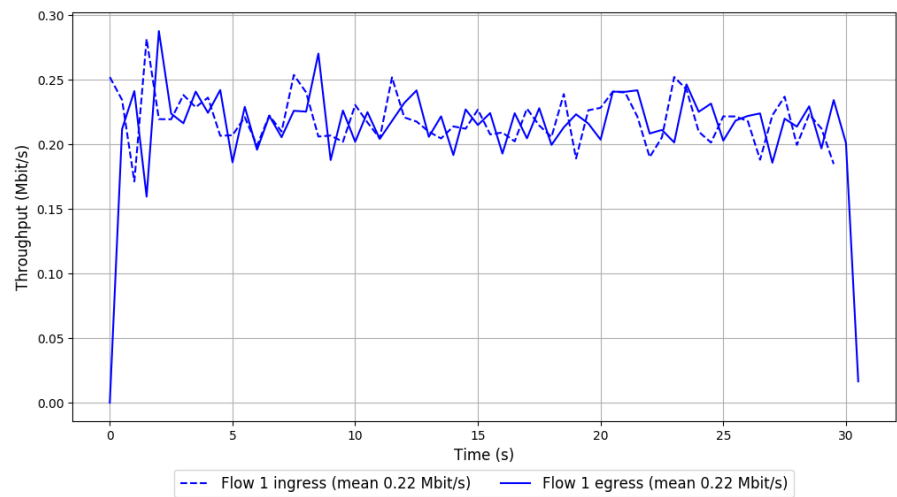


Run 7: Statistics of SCReAM

Start at: 2018-07-24 07:59:41
End at: 2018-07-24 08:00:11
Local clock offset: 3.009 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.650 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.650 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

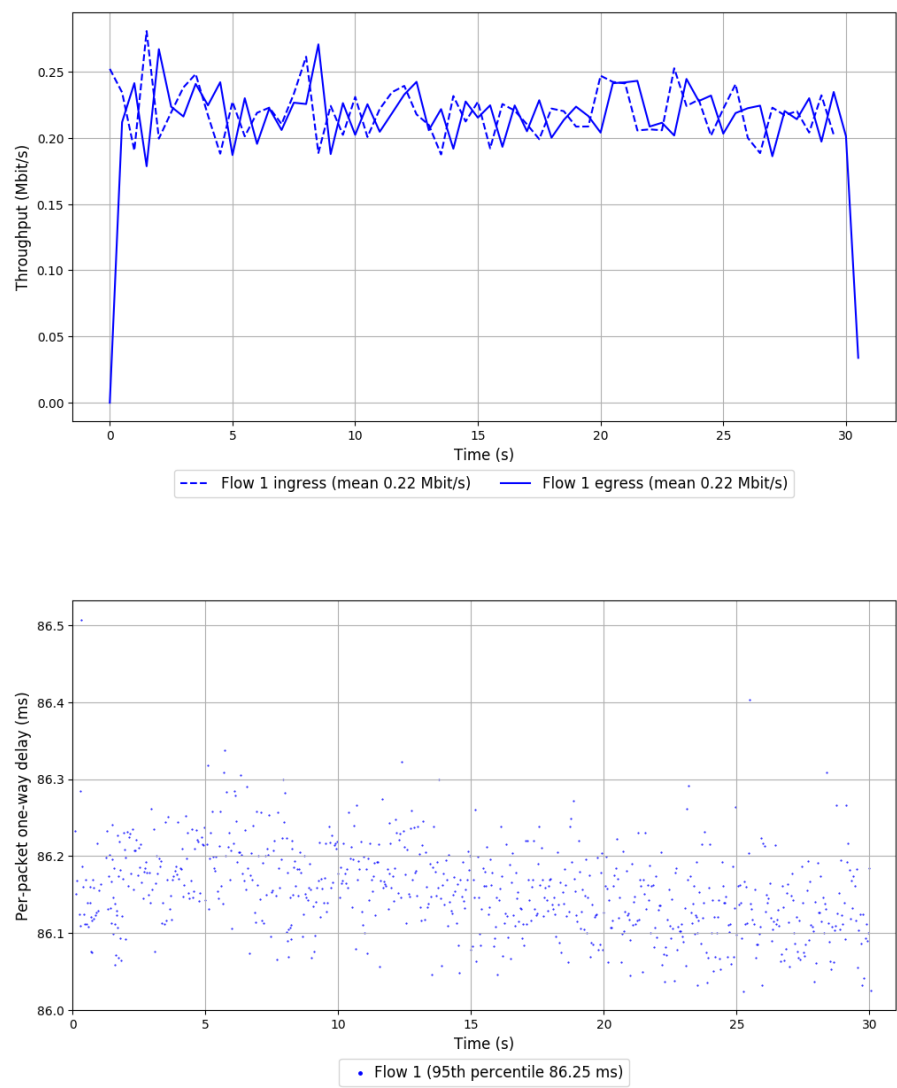


Run 8: Statistics of SCReAM

Start at: 2018-07-24 08:22:06
End at: 2018-07-24 08:22:36
Local clock offset: 1.946 ms
Remote clock offset: -0.164 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.245 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.245 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

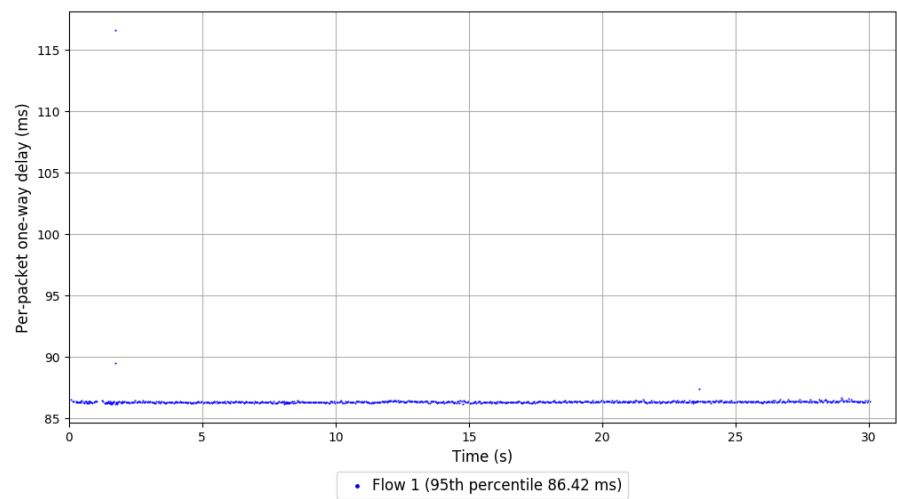
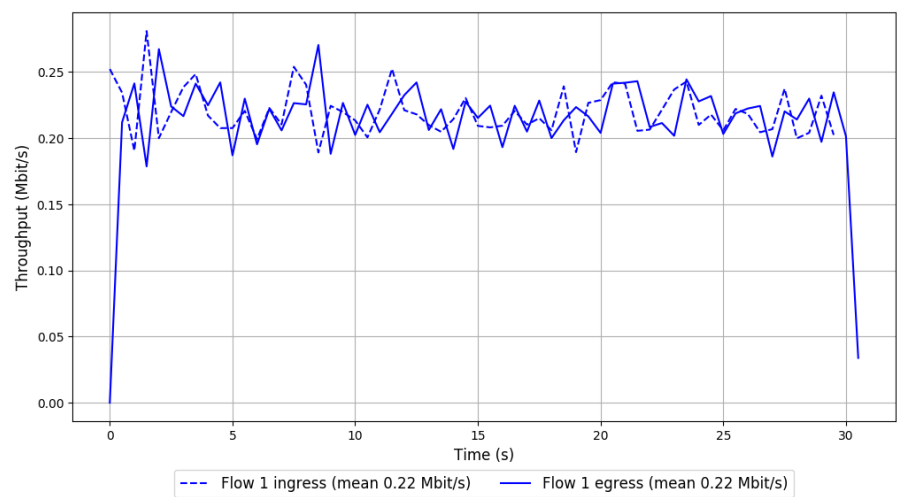


Run 9: Statistics of SCReAM

Start at: 2018-07-24 08:44:41
End at: 2018-07-24 08:45:11
Local clock offset: 0.613 ms
Remote clock offset: -0.072 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.421 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.421 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

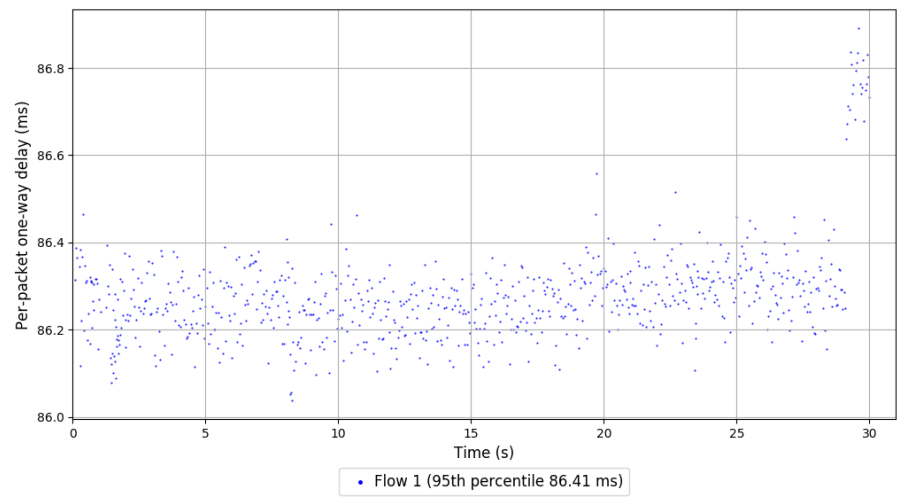
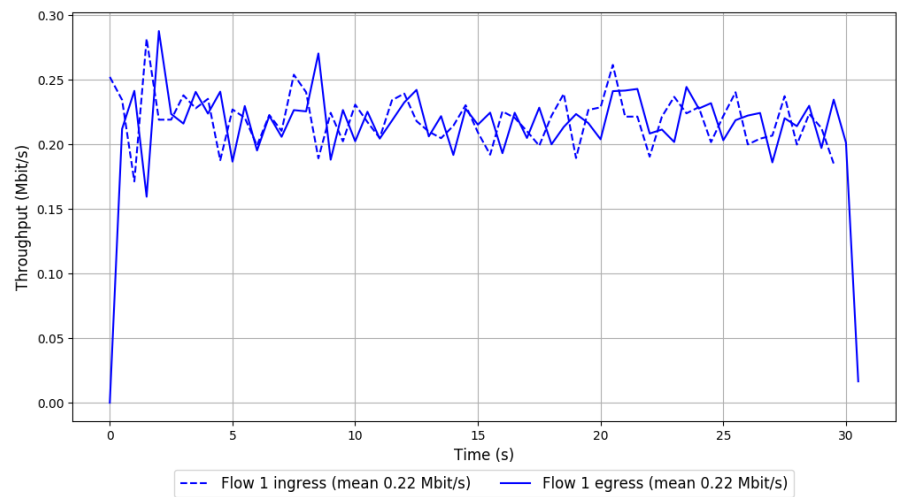


Run 10: Statistics of SReAM

Start at: 2018-07-24 09:07:20
End at: 2018-07-24 09:07:50
Local clock offset: 0.442 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.410 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.410 ms
Loss rate: 0.00%

Run 10: Report of SCRAM — Data Link

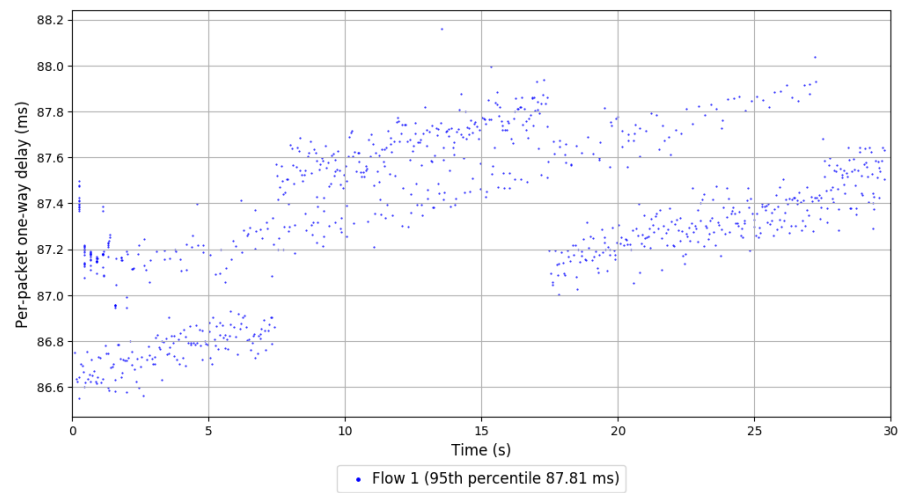
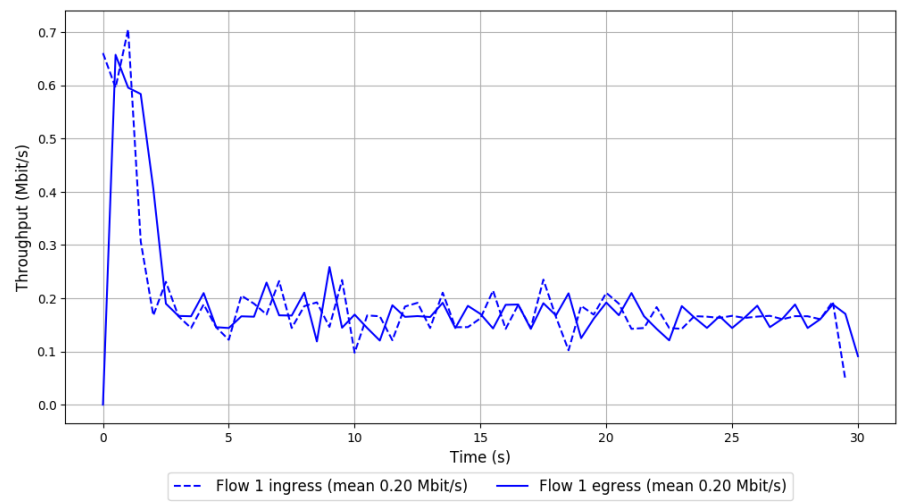


Run 1: Statistics of Sprout

Start at: 2018-07-24 05:45:31
End at: 2018-07-24 05:46:01
Local clock offset: 12.836 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 87.811 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 87.811 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

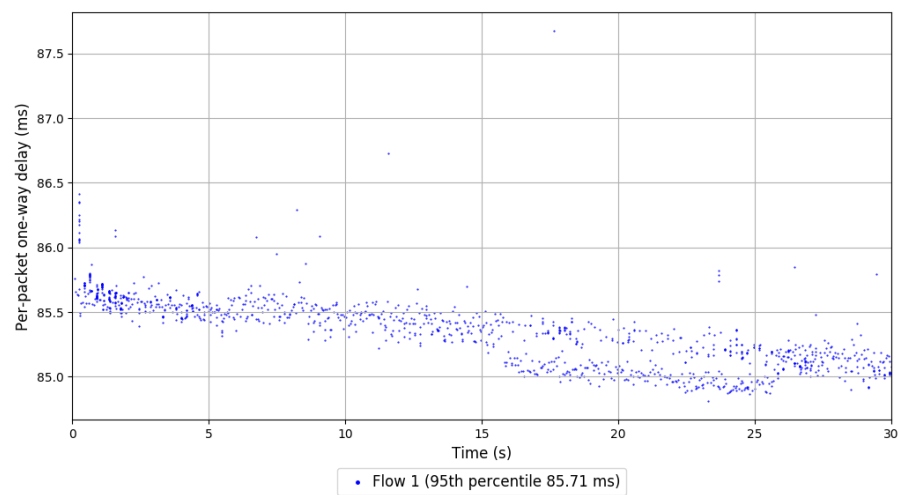
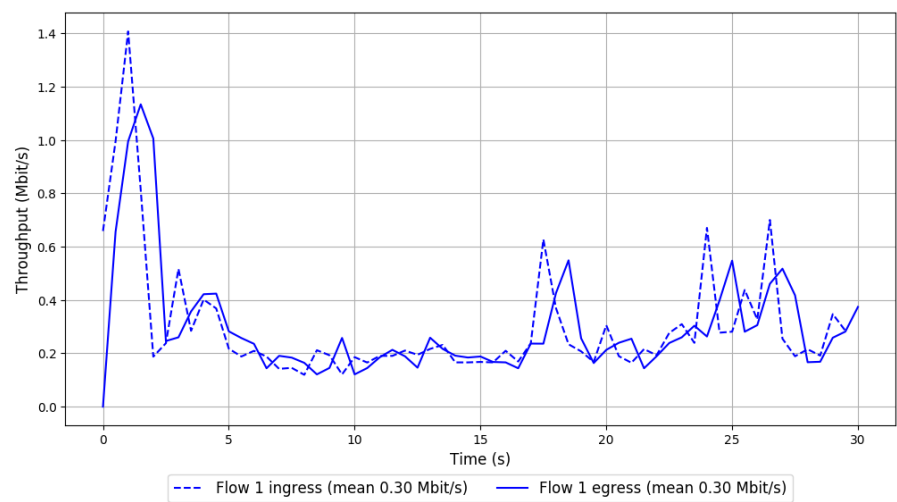


Run 2: Statistics of Sprout

Start at: 2018-07-24 06:07:53
End at: 2018-07-24 06:08:23
Local clock offset: 24.383 ms
Remote clock offset: -0.185 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 85.706 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 85.706 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

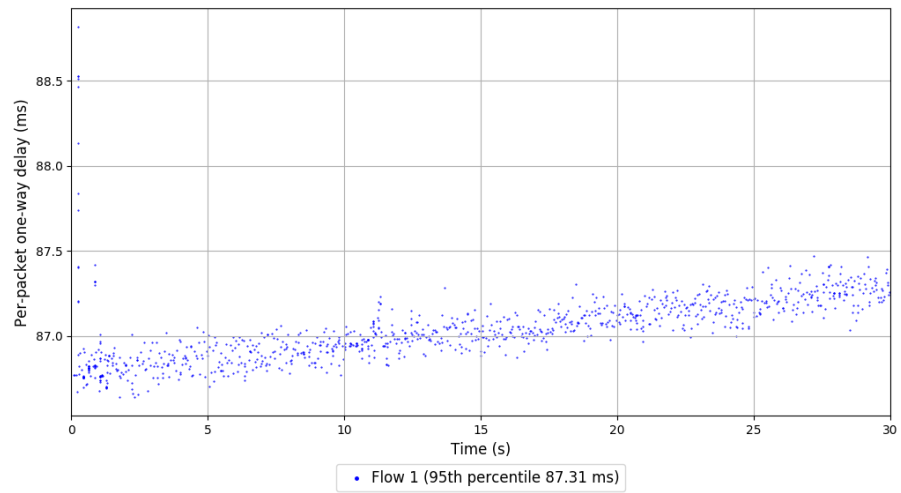
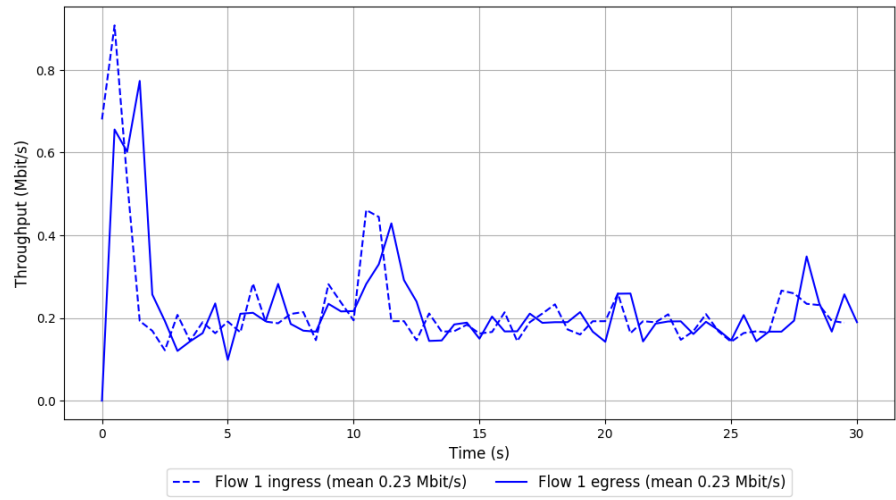


Run 3: Statistics of Sprout

Start at: 2018-07-24 06:30:32
End at: 2018-07-24 06:31:02
Local clock offset: 31.236 ms
Remote clock offset: -0.262 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 87.308 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 87.308 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

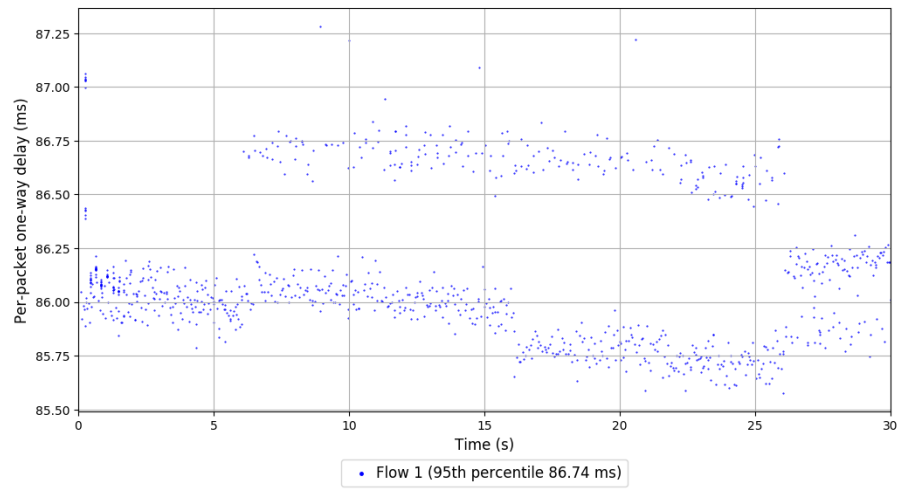
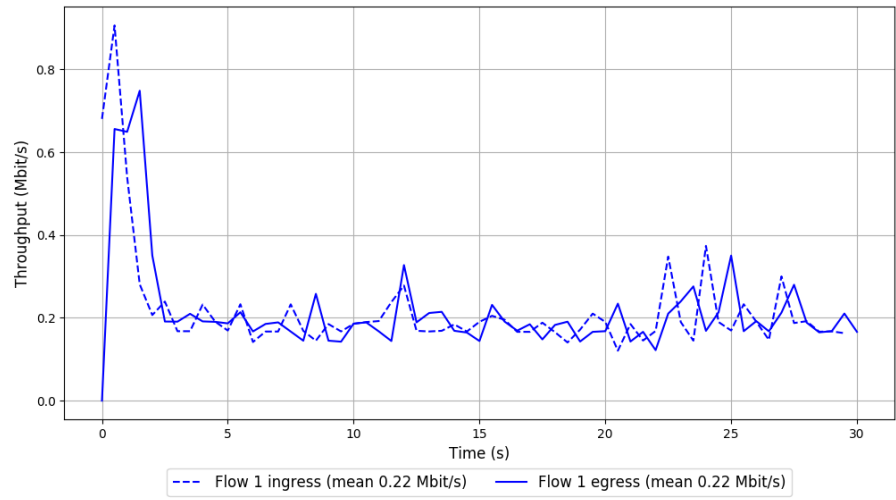


Run 4: Statistics of Sprout

Start at: 2018-07-24 06:53:03
End at: 2018-07-24 06:53:33
Local clock offset: 16.629 ms
Remote clock offset: -0.181 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.736 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.736 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

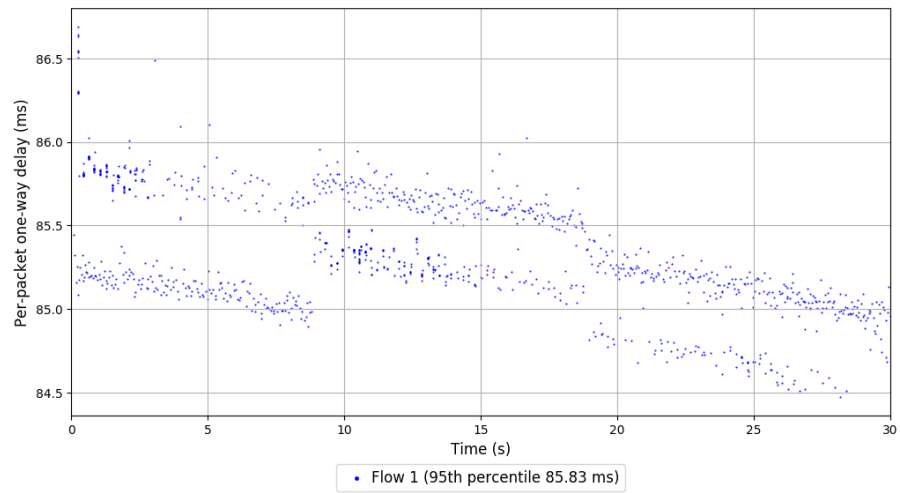
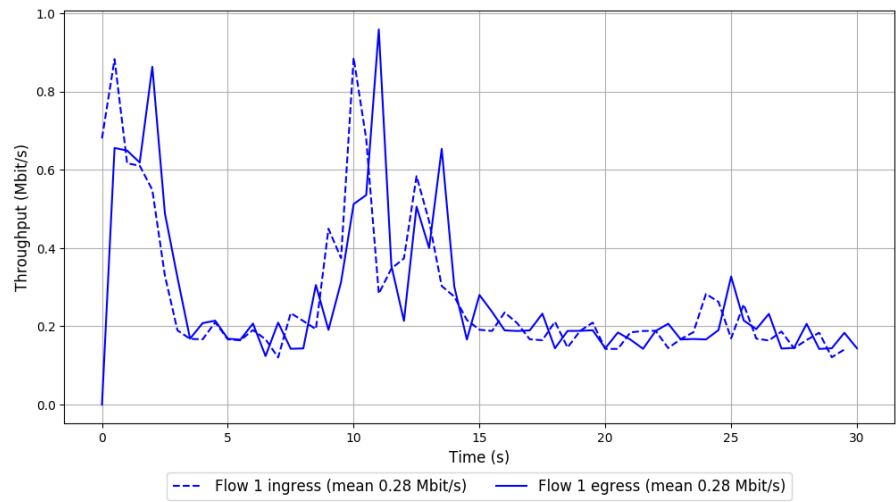


Run 5: Statistics of Sprout

Start at: 2018-07-24 07:15:30
End at: 2018-07-24 07:16:00
Local clock offset: 18.103 ms
Remote clock offset: -0.185 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 85.834 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 85.834 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

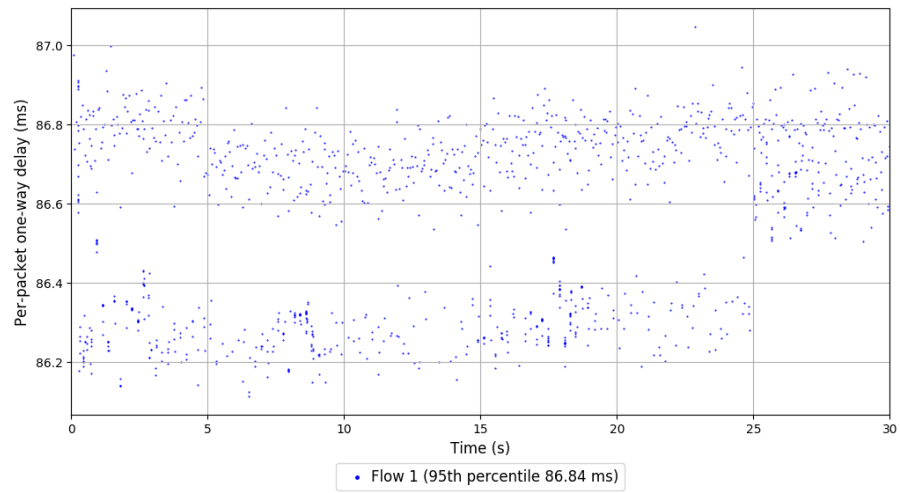
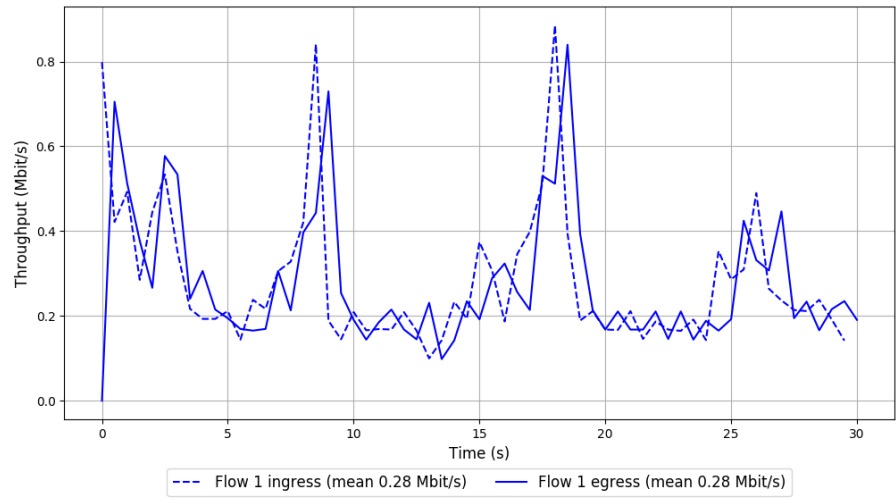


Run 6: Statistics of Sprout

Start at: 2018-07-24 07:38:24
End at: 2018-07-24 07:38:54
Local clock offset: 8.034 ms
Remote clock offset: -0.155 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 86.844 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 86.844 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

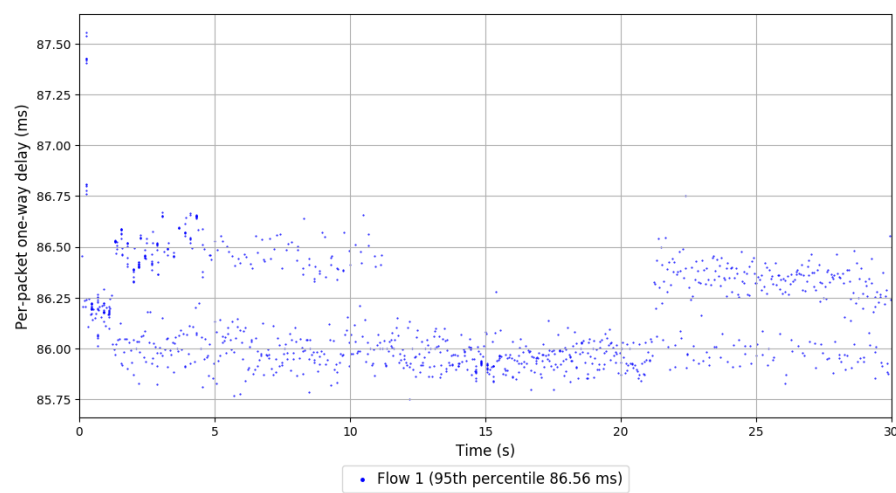
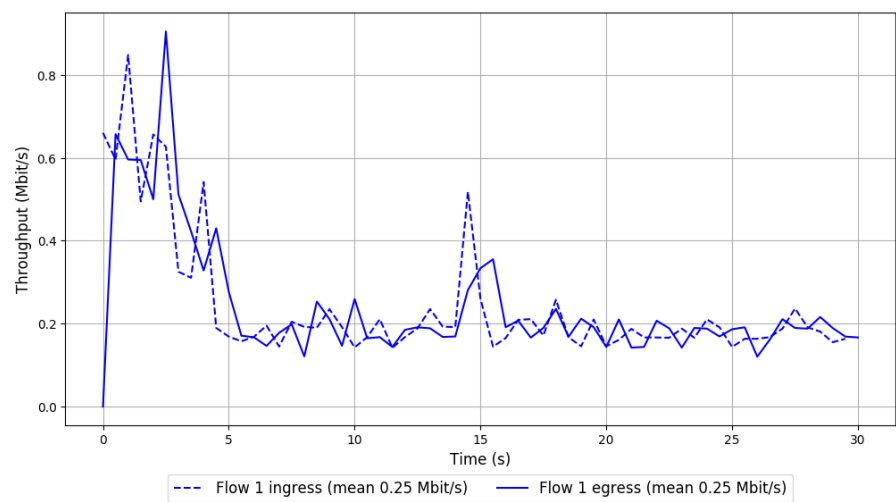


Run 7: Statistics of Sprout

Start at: 2018-07-24 08:00:48
End at: 2018-07-24 08:01:18
Local clock offset: 3.096 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 86.560 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 86.560 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

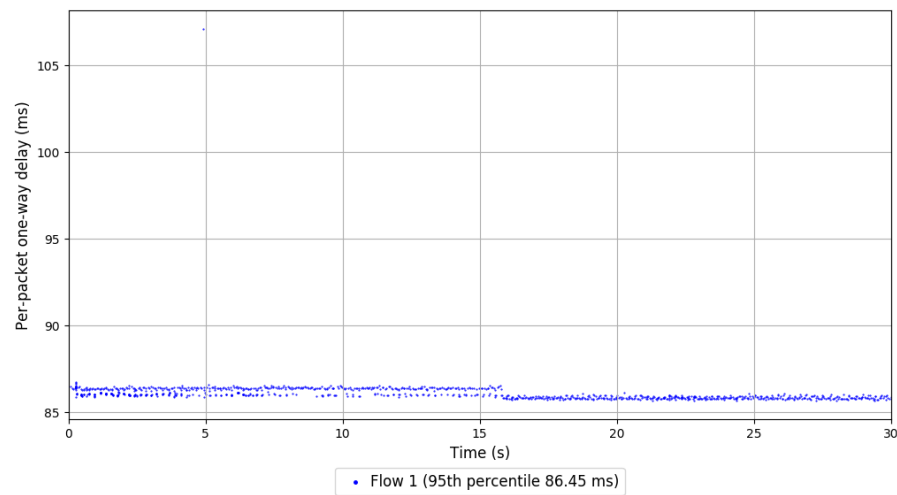
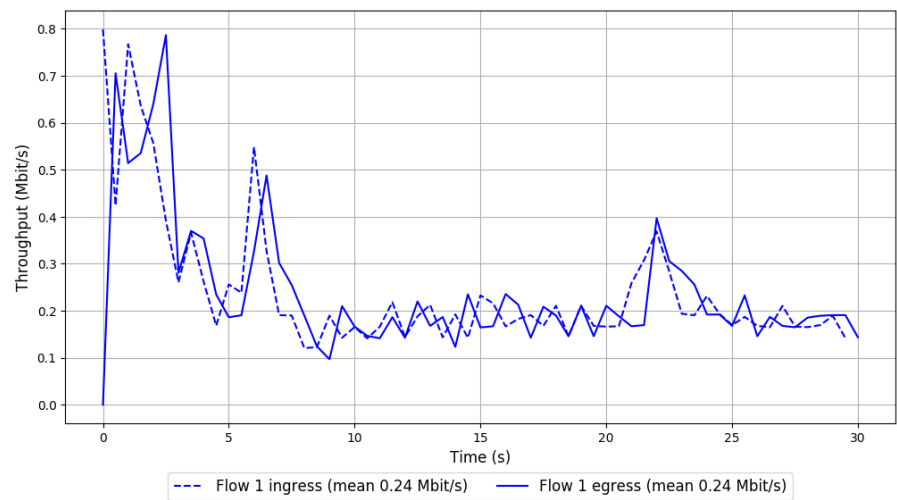


Run 8: Statistics of Sprout

Start at: 2018-07-24 08:23:13
End at: 2018-07-24 08:23:43
Local clock offset: 2.098 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 86.449 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 86.449 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

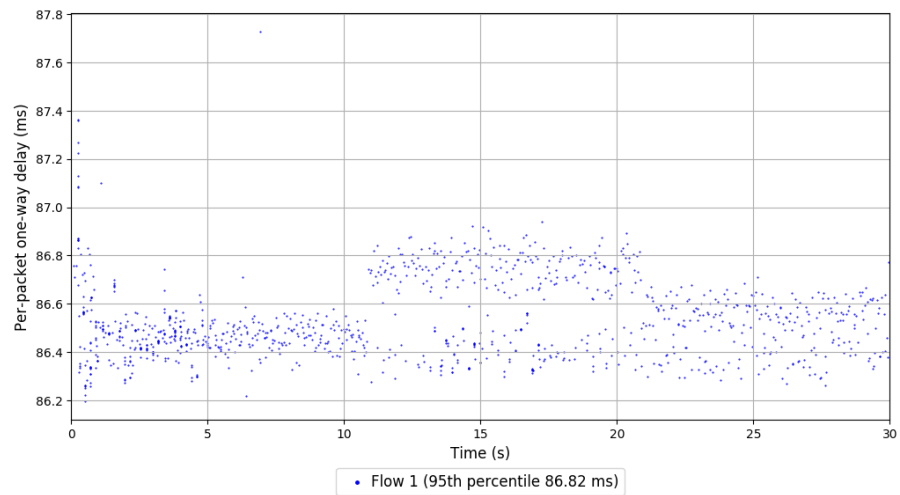
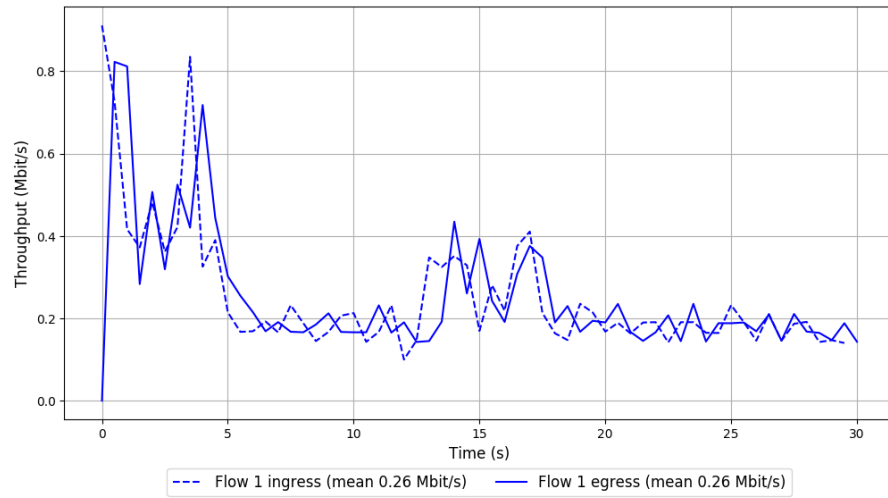


Run 9: Statistics of Sprout

Start at: 2018-07-24 08:45:48
End at: 2018-07-24 08:46:18
Local clock offset: 0.528 ms
Remote clock offset: -0.133 ms

Below is generated by plot.py at 2018-07-24 11:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 86.816 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 86.816 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-07-24 09:08:26

End at: 2018-07-24 09:08:56

Local clock offset: 0.699 ms

Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-07-24 11:25:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.26 Mbit/s

95th percentile per-packet one-way delay: 86.629 ms

Loss rate: 0.00%

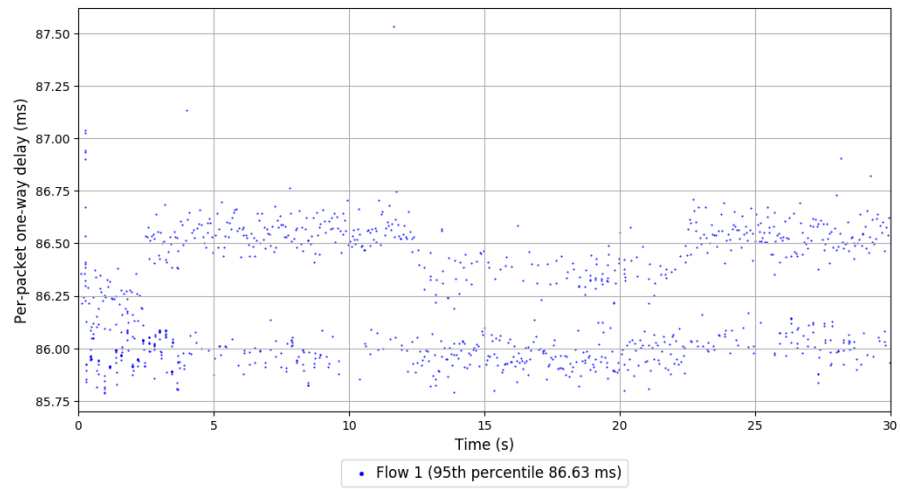
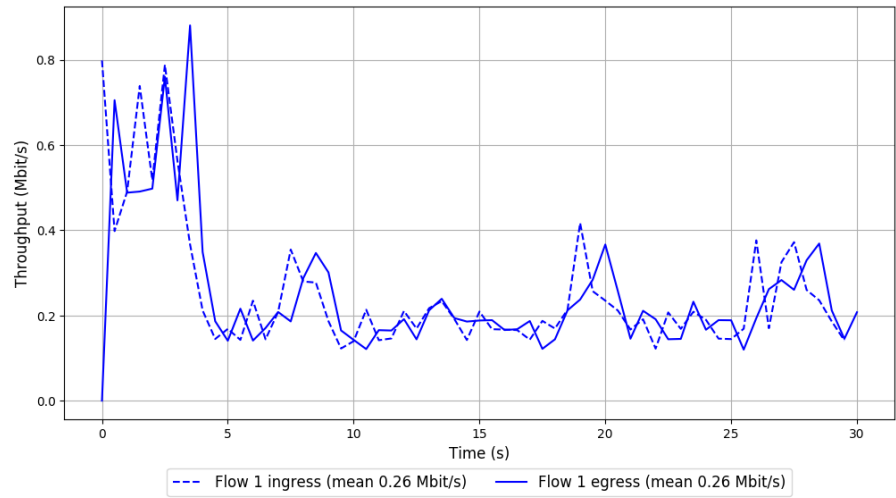
-- Flow 1:

Average throughput: 0.26 Mbit/s

95th percentile per-packet one-way delay: 86.629 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-07-24 05:46:38

End at: 2018-07-24 05:47:08

Local clock offset: 14.614 ms

Remote clock offset: -0.113 ms

Below is generated by plot.py at 2018-07-24 11:25:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 219.12 Mbit/s

95th percentile per-packet one-way delay: 88.539 ms

Loss rate: 0.00%

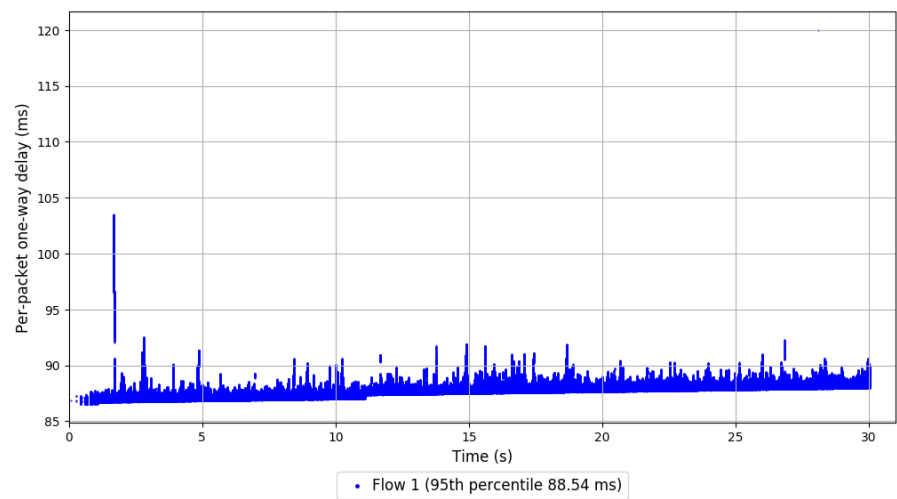
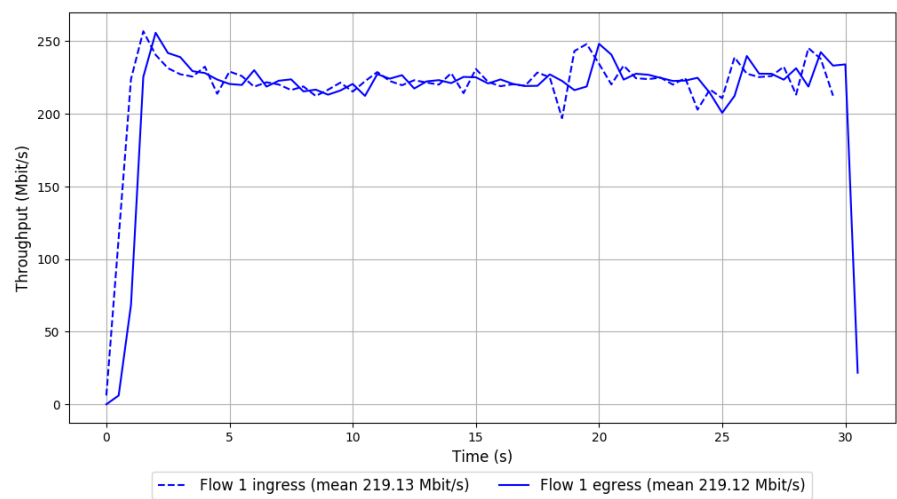
-- Flow 1:

Average throughput: 219.12 Mbit/s

95th percentile per-packet one-way delay: 88.539 ms

Loss rate: 0.00%

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

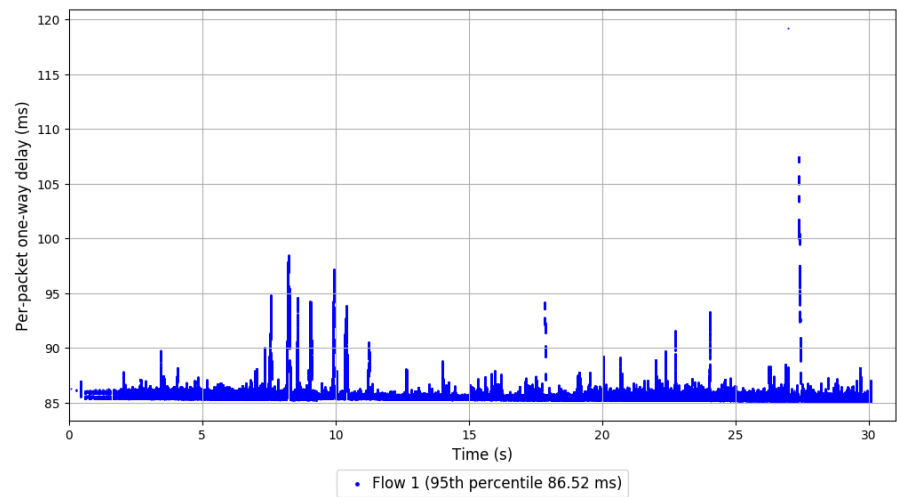
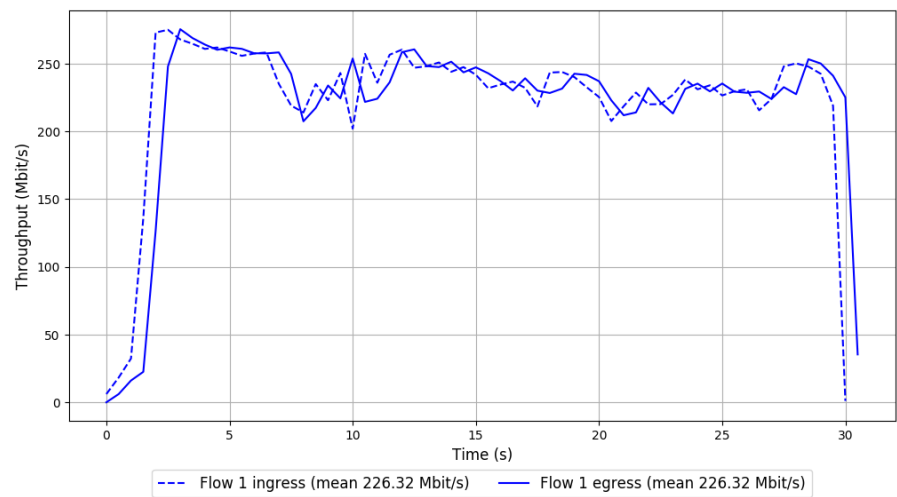


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-24 06:09:00
End at: 2018-07-24 06:09:30
Local clock offset: 23.011 ms
Remote clock offset: -0.166 ms

Below is generated by plot.py at 2018-07-24 11:26:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 226.32 Mbit/s
95th percentile per-packet one-way delay: 86.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 226.32 Mbit/s
95th percentile per-packet one-way delay: 86.515 ms
Loss rate: 0.00%

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

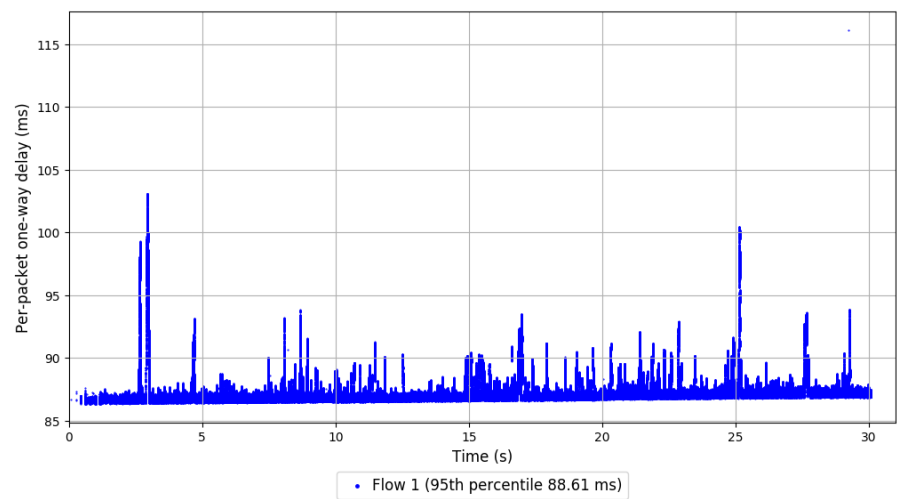
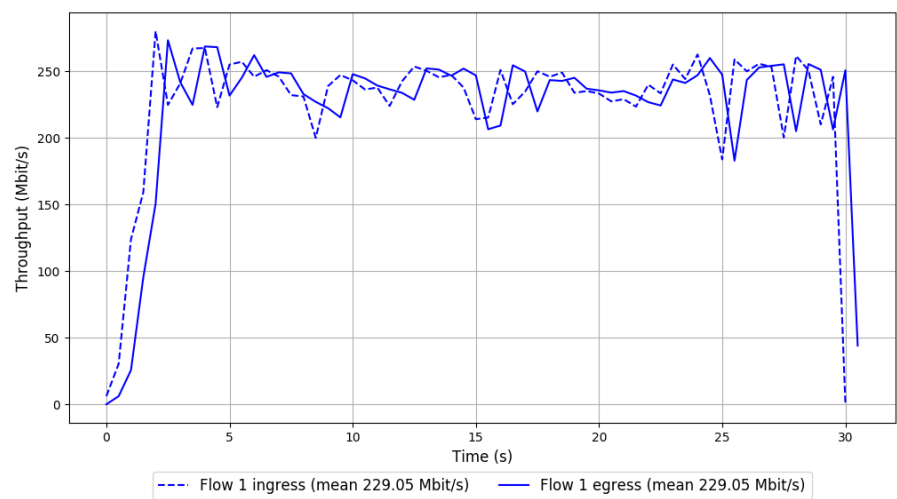


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-24 06:31:39
End at: 2018-07-24 06:32:09
Local clock offset: 32.429 ms
Remote clock offset: -0.272 ms

Below is generated by plot.py at 2018-07-24 11:26:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 229.05 Mbit/s
95th percentile per-packet one-way delay: 88.612 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 229.05 Mbit/s
95th percentile per-packet one-way delay: 88.612 ms
Loss rate: 0.00%

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

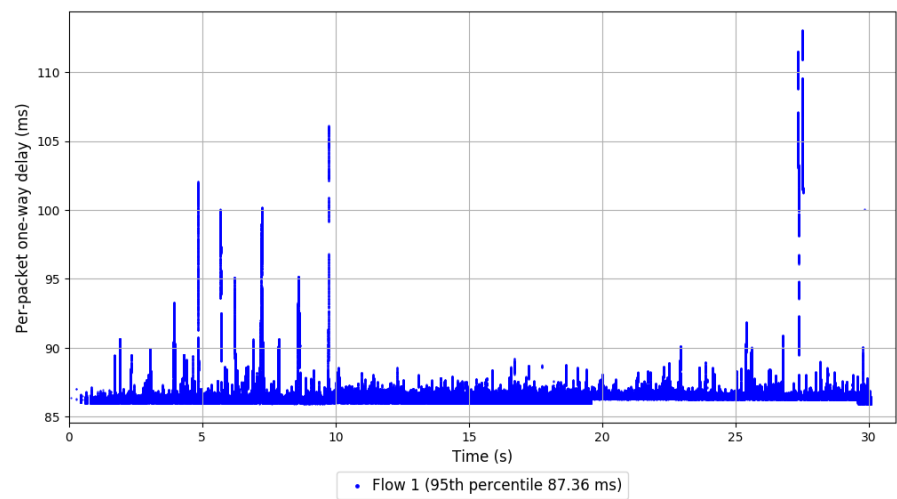
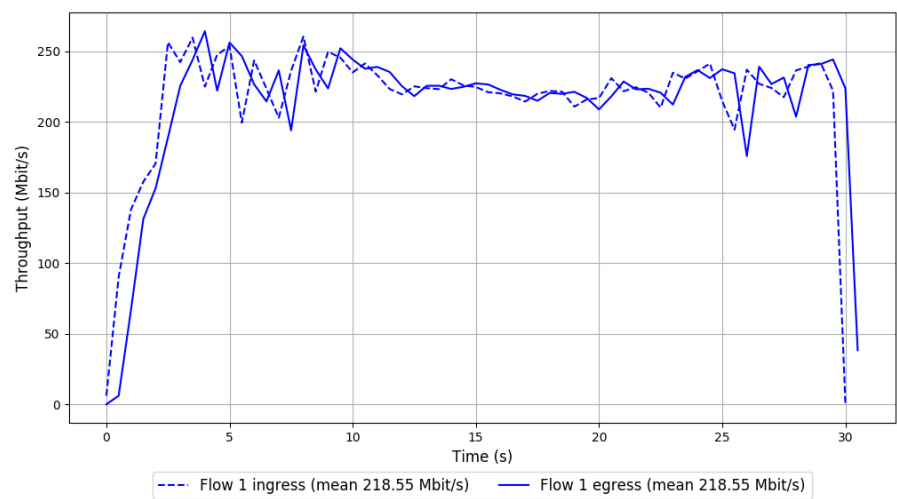


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-24 06:54:09
End at: 2018-07-24 06:54:39
Local clock offset: 16.034 ms
Remote clock offset: -0.116 ms

Below is generated by plot.py at 2018-07-24 11:26:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 218.55 Mbit/s
95th percentile per-packet one-way delay: 87.365 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 218.55 Mbit/s
95th percentile per-packet one-way delay: 87.365 ms
Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-07-24 07:16:37

End at: 2018-07-24 07:17:07

Local clock offset: 16.41 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2018-07-24 11:29:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 224.44 Mbit/s

95th percentile per-packet one-way delay: 85.394 ms

Loss rate: 0.00%

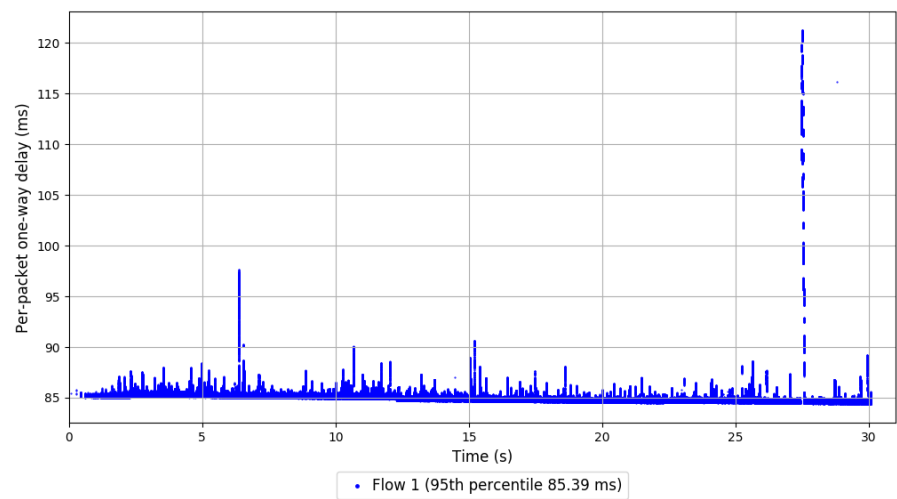
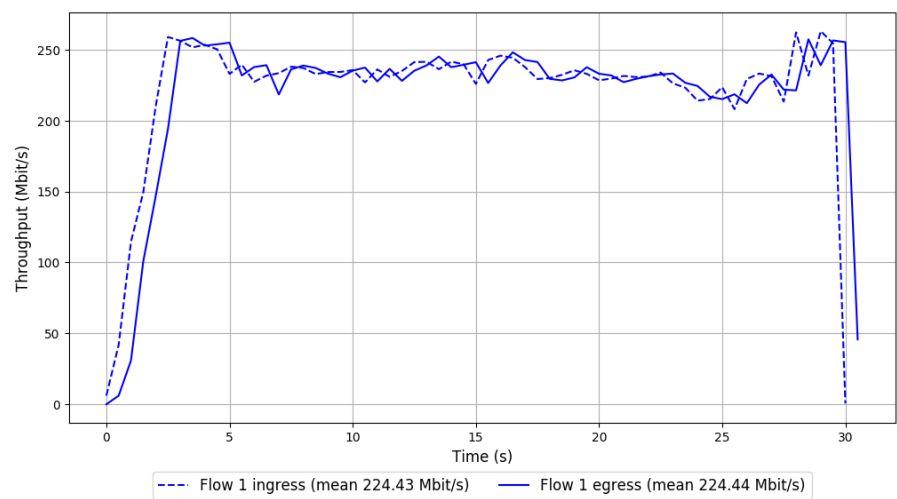
-- Flow 1:

Average throughput: 224.44 Mbit/s

95th percentile per-packet one-way delay: 85.394 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-07-24 07:39:31

End at: 2018-07-24 07:40:01

Local clock offset: 8.314 ms

Remote clock offset: -0.11 ms

Below is generated by plot.py at 2018-07-24 11:31:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 216.63 Mbit/s

95th percentile per-packet one-way delay: 86.949 ms

Loss rate: 0.00%

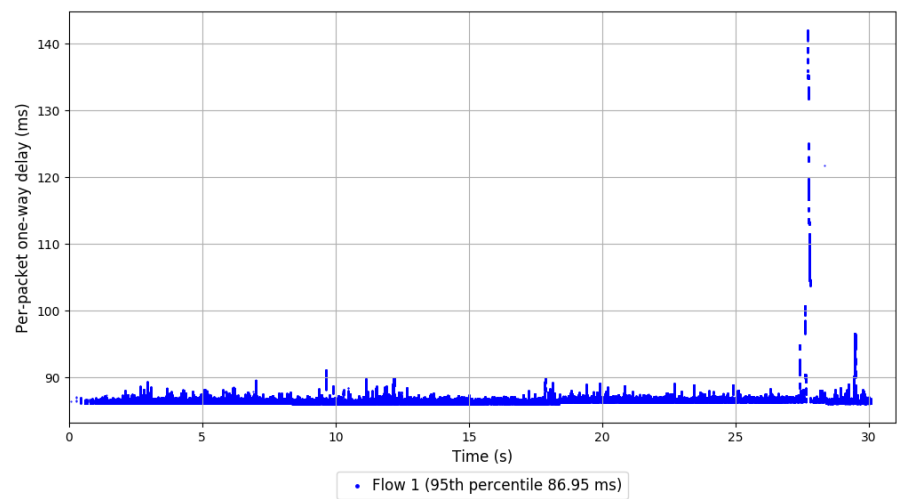
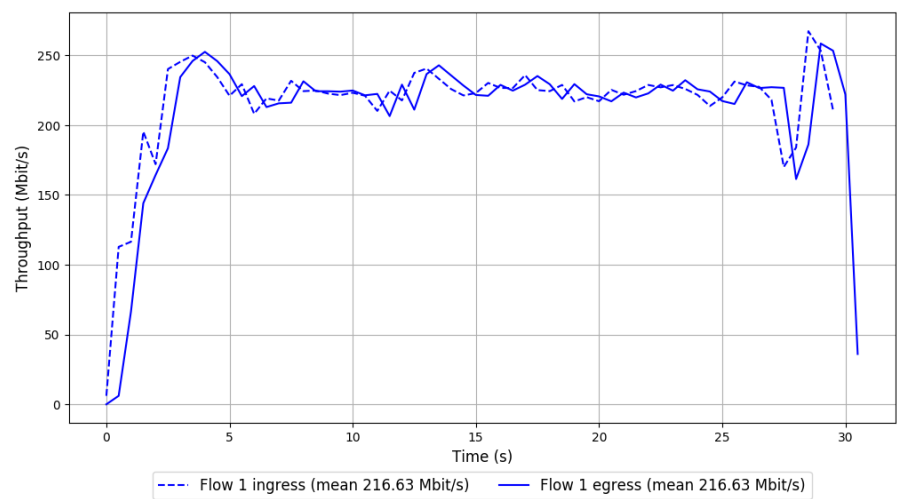
-- Flow 1:

Average throughput: 216.63 Mbit/s

95th percentile per-packet one-way delay: 86.949 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-07-24 08:01:54

End at: 2018-07-24 08:02:24

Local clock offset: 2.76 ms

Remote clock offset: -0.143 ms

Below is generated by plot.py at 2018-07-24 11:32:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 185.42 Mbit/s

95th percentile per-packet one-way delay: 86.561 ms

Loss rate: 0.00%

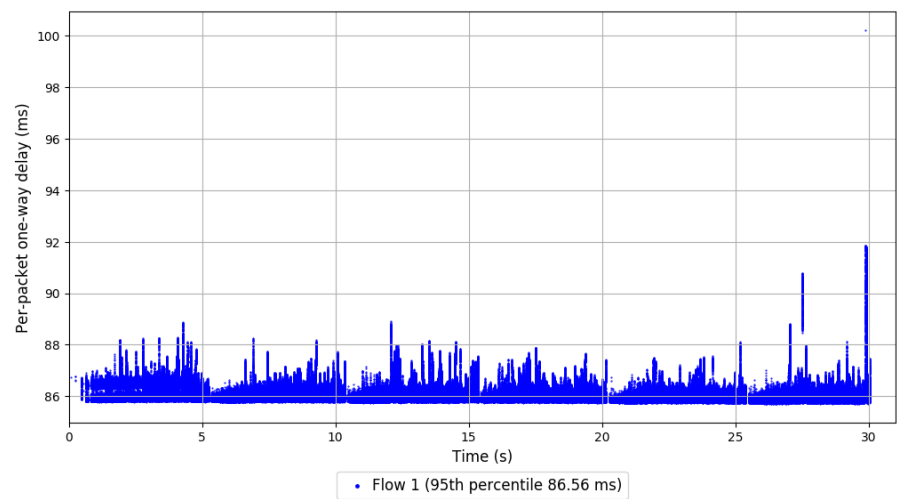
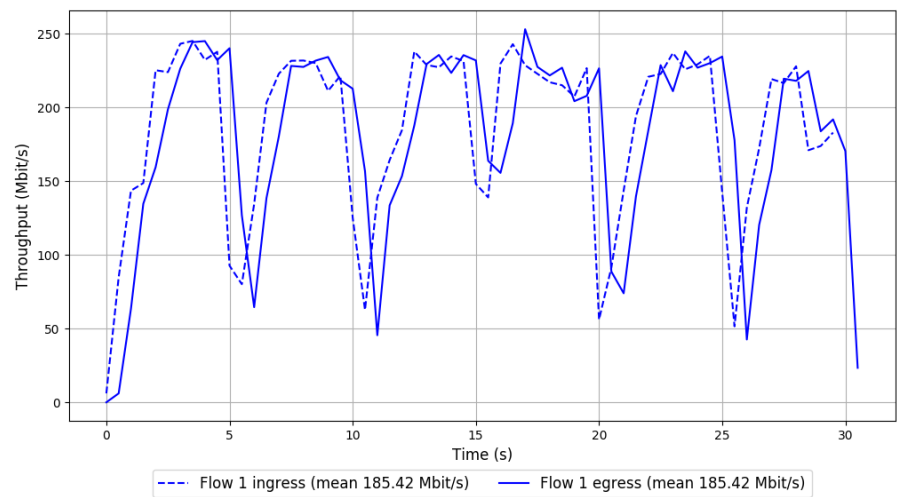
-- Flow 1:

Average throughput: 185.42 Mbit/s

95th percentile per-packet one-way delay: 86.561 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-07-24 08:24:20

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

Local clock offset: 1.917 ms

Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-07-24 11:34:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 219.78 Mbit/s

95th percentile per-packet one-way delay: 86.618 ms

Loss rate: 0.00%

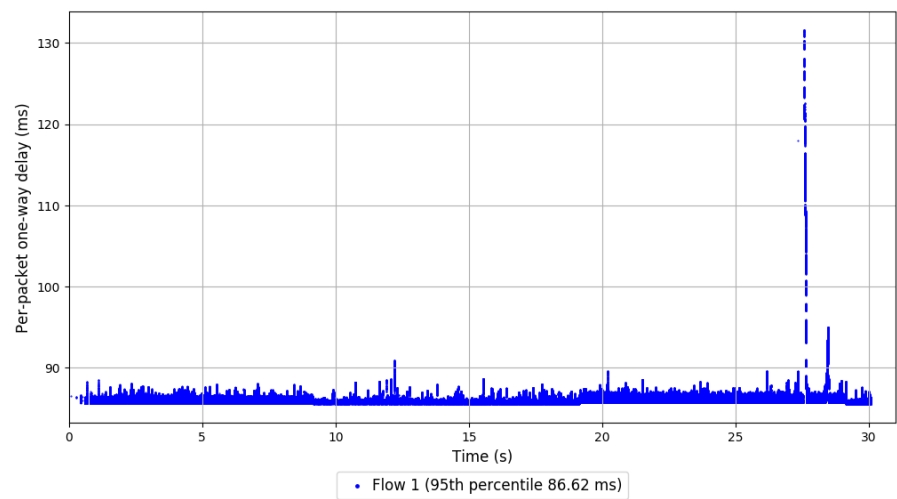
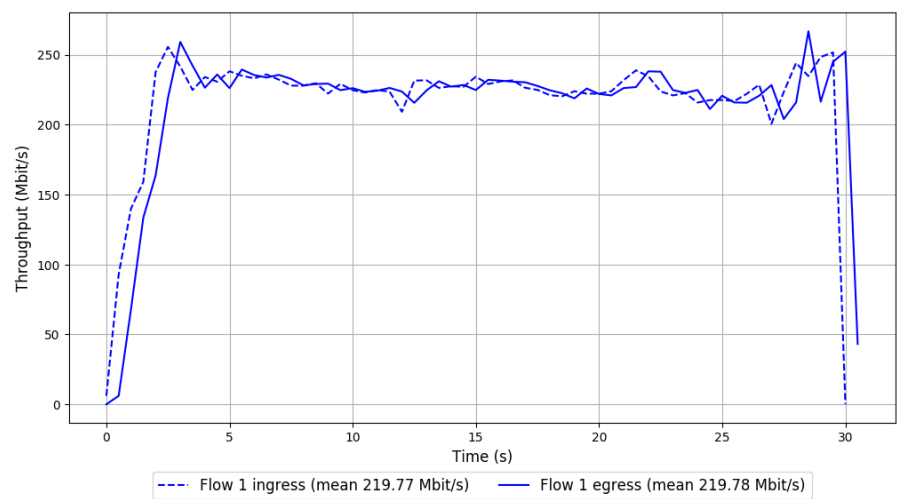
-- Flow 1:

Average throughput: 219.78 Mbit/s

95th percentile per-packet one-way delay: 86.618 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-07-24 08:46:55

End at: 2018-07-24 08:47:25

Local clock offset: 0.547 ms

Remote clock offset: -0.087 ms

Below is generated by plot.py at 2018-07-24 11:36:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 226.78 Mbit/s

95th percentile per-packet one-way delay: 86.936 ms

Loss rate: 0.06%

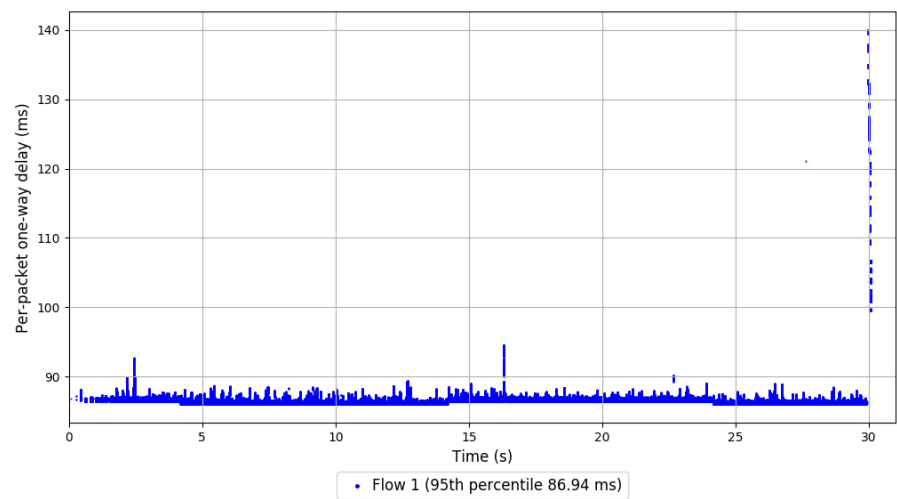
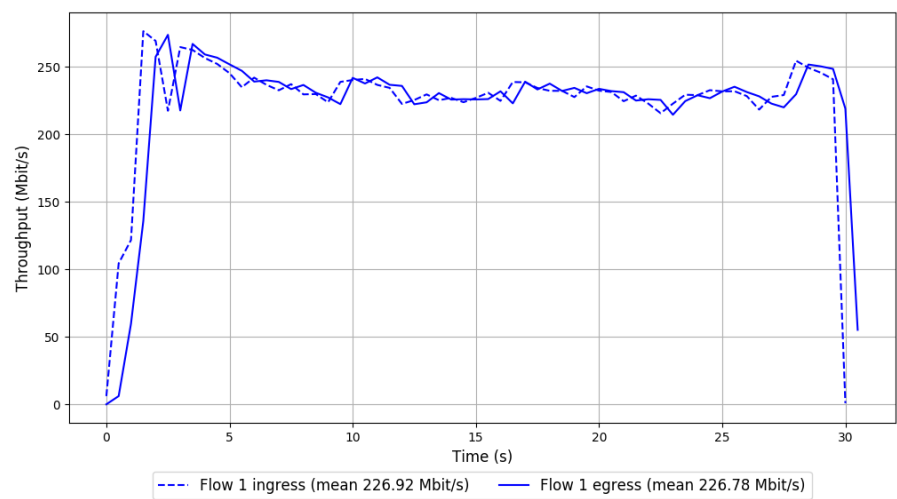
-- Flow 1:

Average throughput: 226.78 Mbit/s

95th percentile per-packet one-way delay: 86.936 ms

Loss rate: 0.06%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-24 09:09:33

End at: 2018-07-24 09:10:03

Local clock offset: 0.419 ms

Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-07-24 11:36:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 220.01 Mbit/s

95th percentile per-packet one-way delay: 86.843 ms

Loss rate: 0.00%

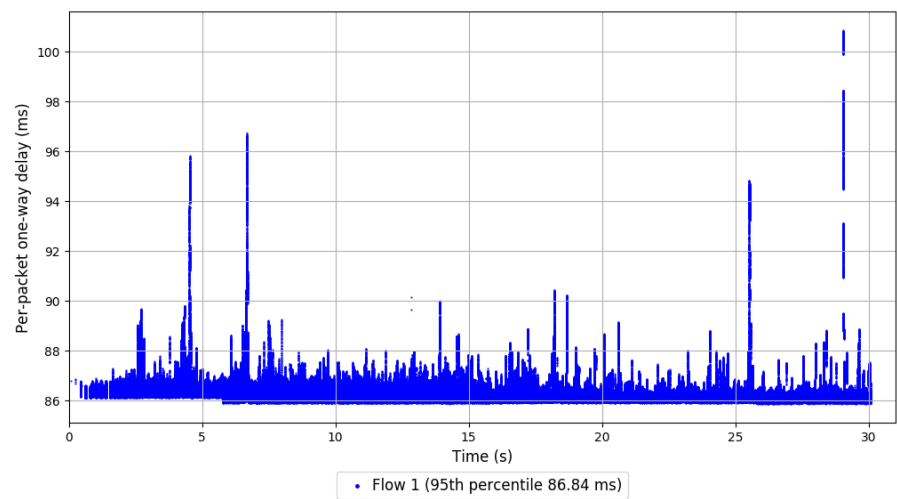
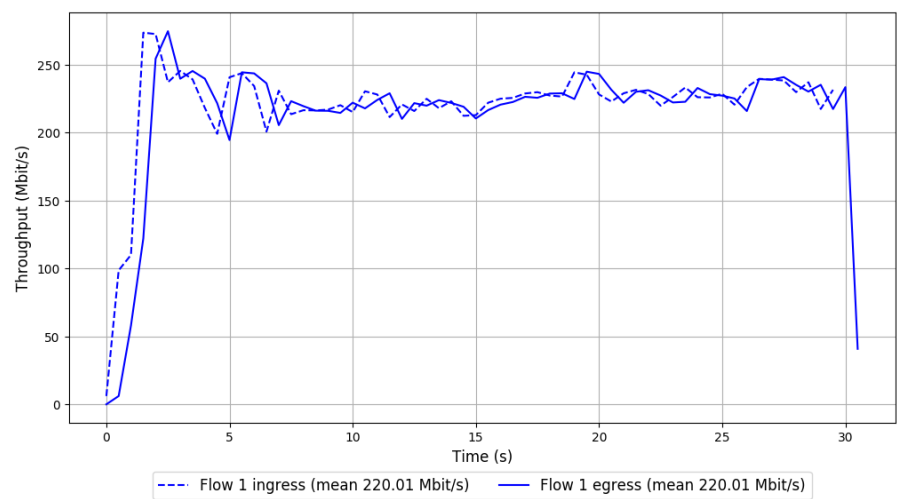
-- Flow 1:

Average throughput: 220.01 Mbit/s

95th percentile per-packet one-way delay: 86.843 ms

Loss rate: 0.00%

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

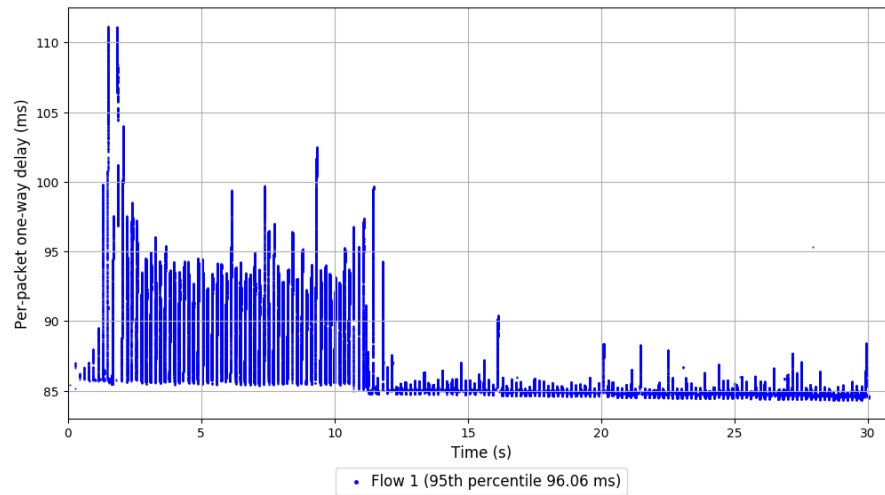
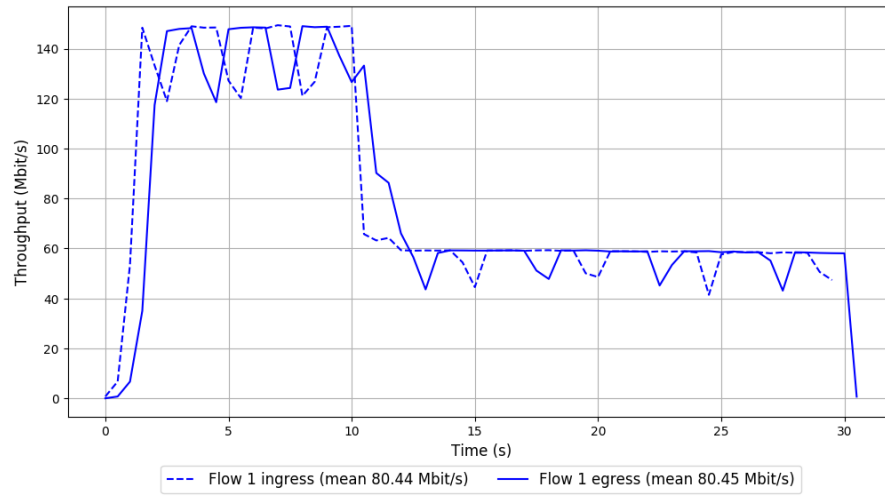


Run 1: Statistics of TCP Vegas

Start at: 2018-07-24 05:49:28
End at: 2018-07-24 05:49:58
Local clock offset: 16.801 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-07-24 11:36:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.45 Mbit/s
95th percentile per-packet one-way delay: 96.064 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.45 Mbit/s
95th percentile per-packet one-way delay: 96.064 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

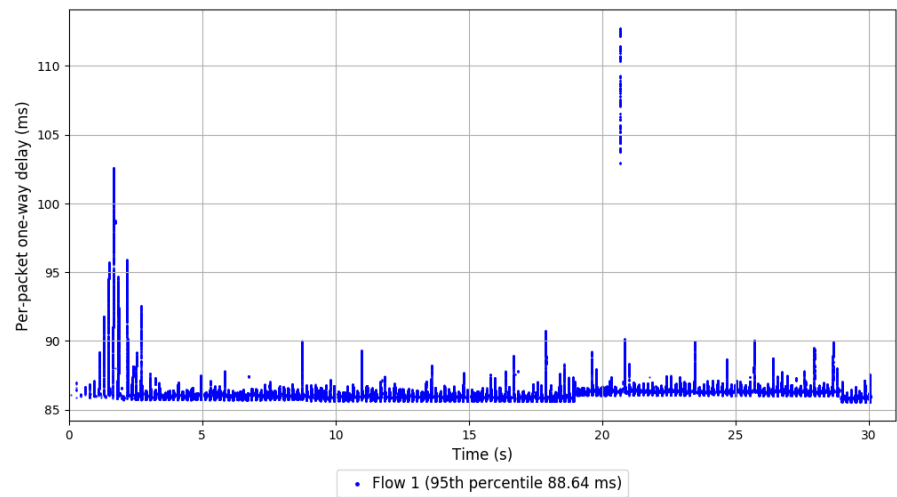
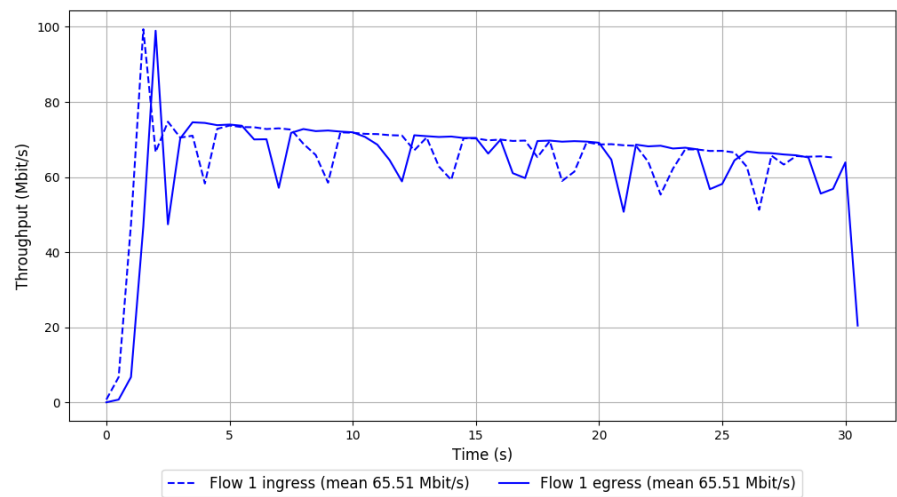


Run 2: Statistics of TCP Vegas

Start at: 2018-07-24 06:12:00
End at: 2018-07-24 06:12:30
Local clock offset: 21.01 ms
Remote clock offset: -0.179 ms

Below is generated by plot.py at 2018-07-24 11:36:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.51 Mbit/s
95th percentile per-packet one-way delay: 88.645 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.51 Mbit/s
95th percentile per-packet one-way delay: 88.645 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-07-24 06:34:37

End at: 2018-07-24 06:35:07

Local clock offset: 35.587 ms

Remote clock offset: -0.28 ms

Below is generated by plot.py at 2018-07-24 11:36:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 133.18 Mbit/s

95th percentile per-packet one-way delay: 96.519 ms

Loss rate: 0.00%

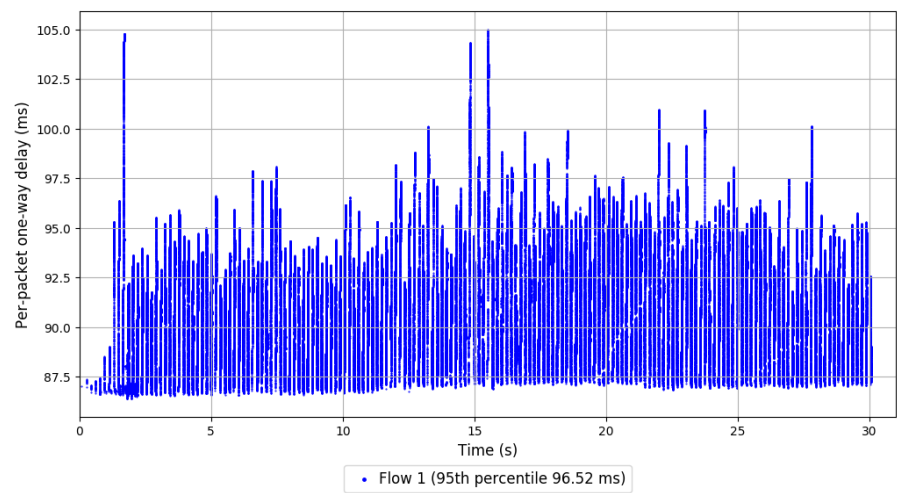
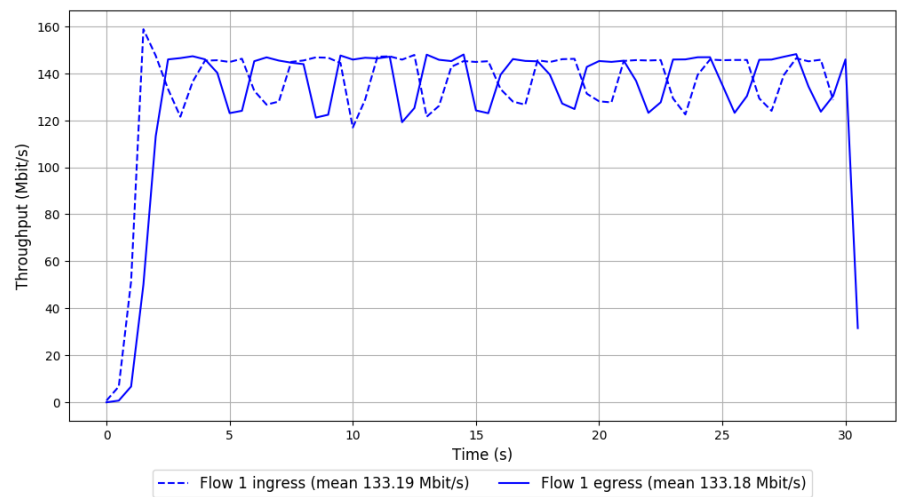
-- Flow 1:

Average throughput: 133.18 Mbit/s

95th percentile per-packet one-way delay: 96.519 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

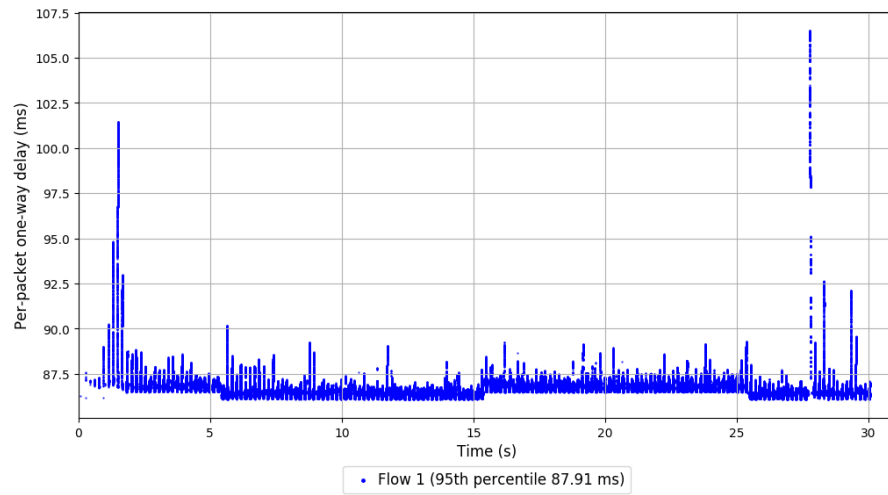
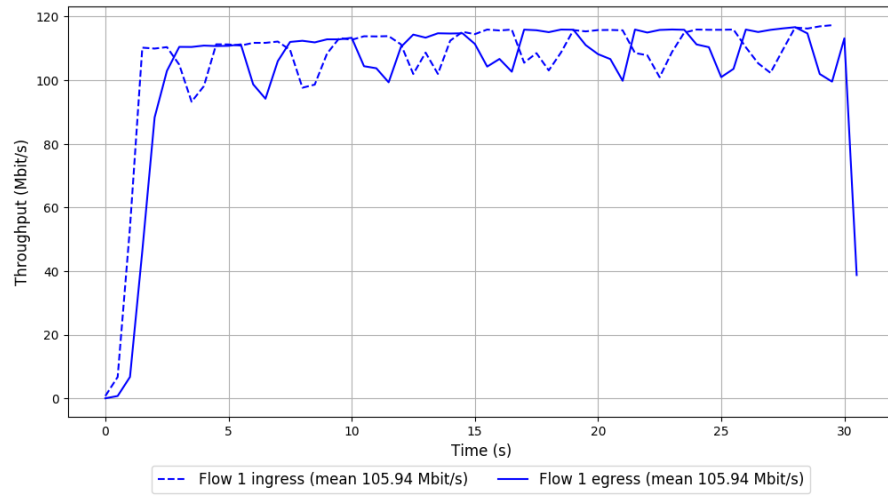


Run 4: Statistics of TCP Vegas

Start at: 2018-07-24 06:57:03
End at: 2018-07-24 06:57:34
Local clock offset: 15.512 ms
Remote clock offset: -0.141 ms

Below is generated by plot.py at 2018-07-24 11:36:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 105.94 Mbit/s
95th percentile per-packet one-way delay: 87.905 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 105.94 Mbit/s
95th percentile per-packet one-way delay: 87.905 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

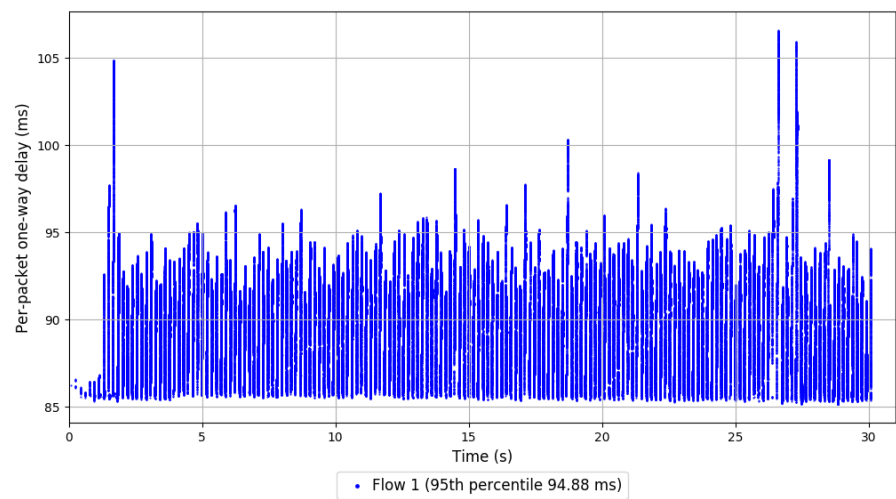
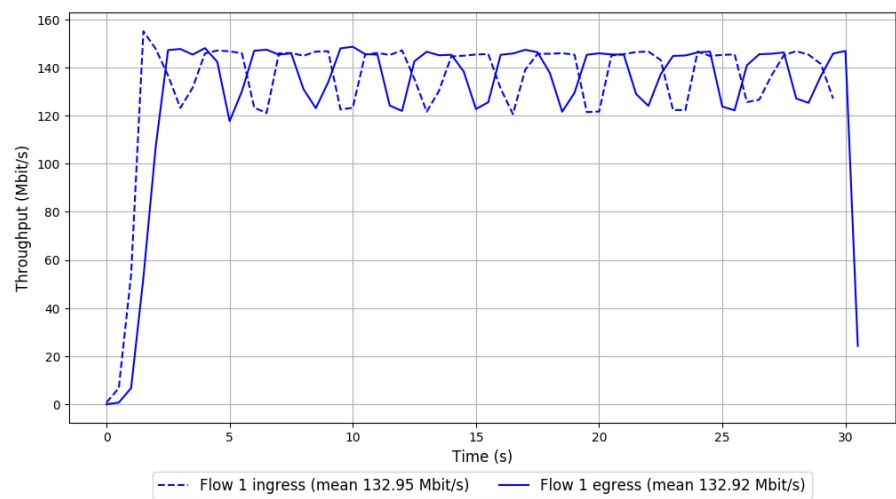


Run 5: Statistics of TCP Vegas

Start at: 2018-07-24 07:19:35
End at: 2018-07-24 07:20:05
Local clock offset: 12.595 ms
Remote clock offset: -0.193 ms

Below is generated by plot.py at 2018-07-24 11:36:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 132.92 Mbit/s
95th percentile per-packet one-way delay: 94.877 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.92 Mbit/s
95th percentile per-packet one-way delay: 94.877 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-07-24 07:42:32

End at: 2018-07-24 07:43:02

Local clock offset: 8.838 ms

Remote clock offset: -0.167 ms

Below is generated by plot.py at 2018-07-24 11:36:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.32 Mbit/s

95th percentile per-packet one-way delay: 87.965 ms

Loss rate: 0.00%

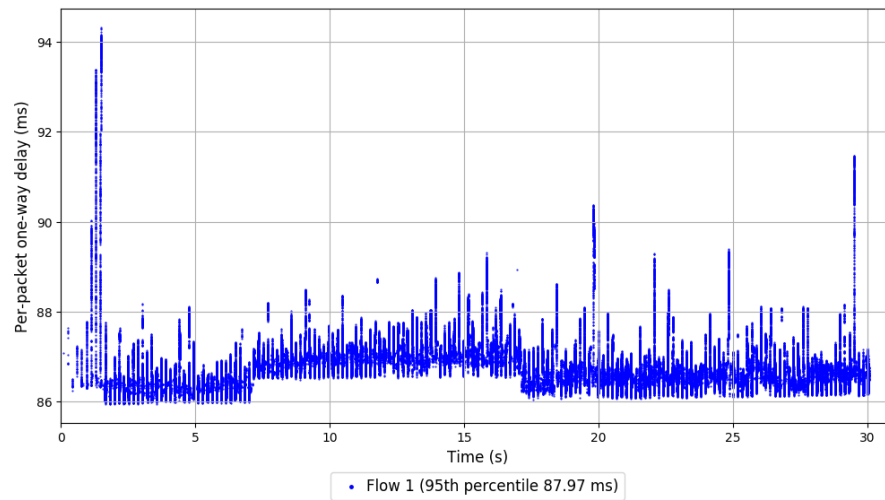
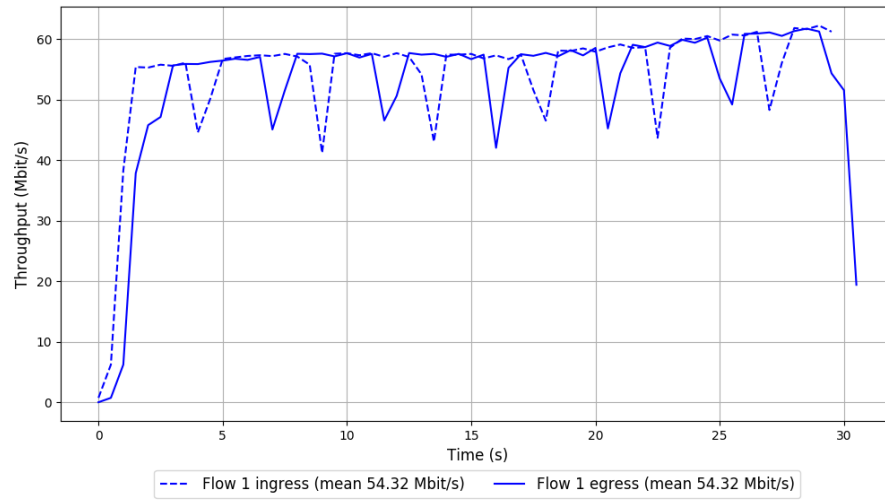
-- Flow 1:

Average throughput: 54.32 Mbit/s

95th percentile per-packet one-way delay: 87.965 ms

Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

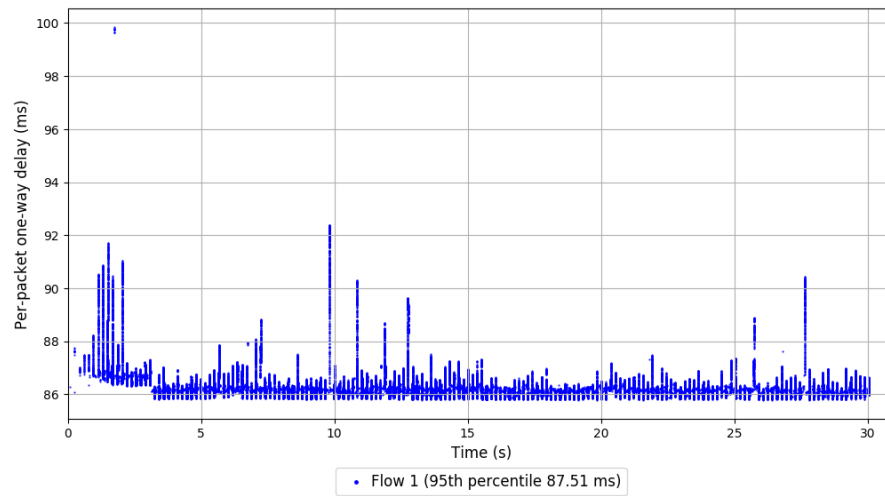
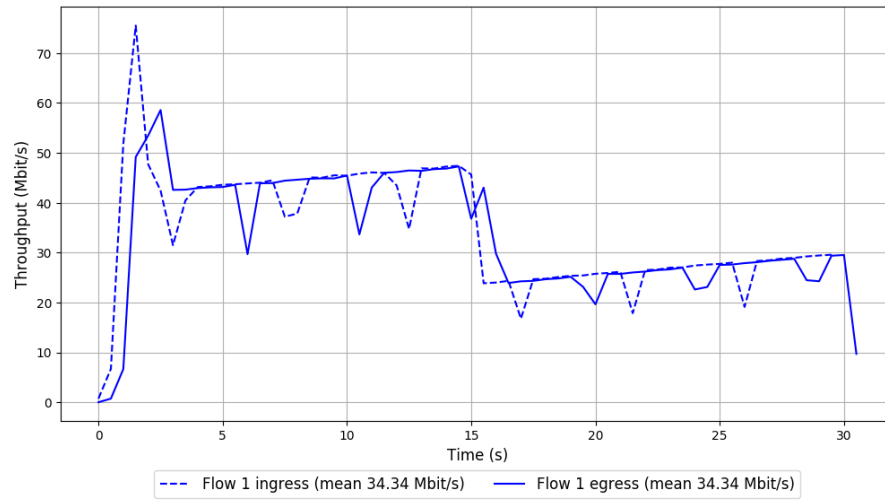


Run 7: Statistics of TCP Vegas

Start at: 2018-07-24 08:04:46
End at: 2018-07-24 08:05:16
Local clock offset: 2.368 ms
Remote clock offset: -0.121 ms

Below is generated by plot.py at 2018-07-24 11:36:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.34 Mbit/s
95th percentile per-packet one-way delay: 87.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.34 Mbit/s
95th percentile per-packet one-way delay: 87.512 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

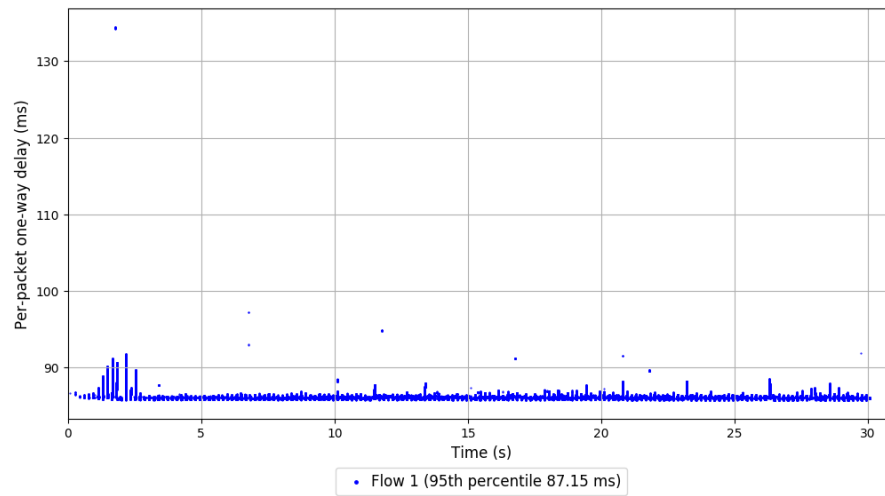
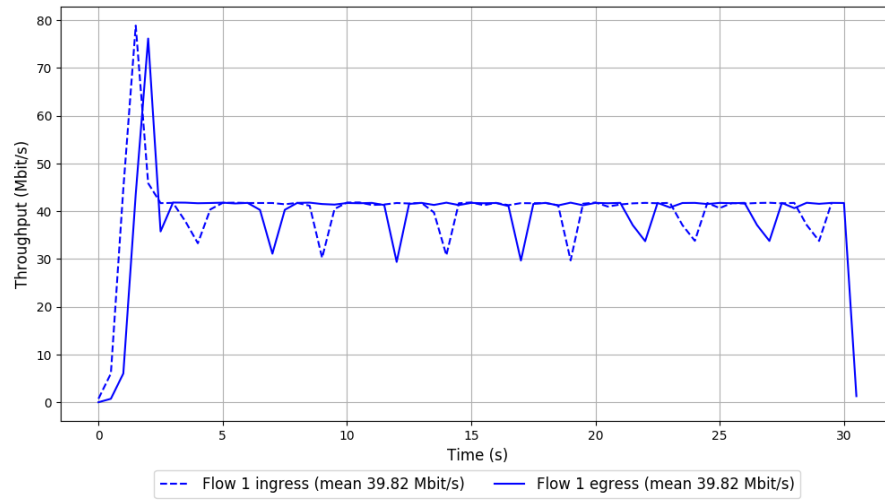


Run 8: Statistics of TCP Vegas

Start at: 2018-07-24 08:27:13
End at: 2018-07-24 08:27:43
Local clock offset: 1.366 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2018-07-24 11:36:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.82 Mbit/s
95th percentile per-packet one-way delay: 87.153 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.82 Mbit/s
95th percentile per-packet one-way delay: 87.153 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-07-24 08:49:54

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

Local clock offset: 0.84 ms

Remote clock offset: -0.072 ms

Below is generated by plot.py at 2018-07-24 11:36:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.47 Mbit/s

95th percentile per-packet one-way delay: 87.319 ms

Loss rate: 0.00%

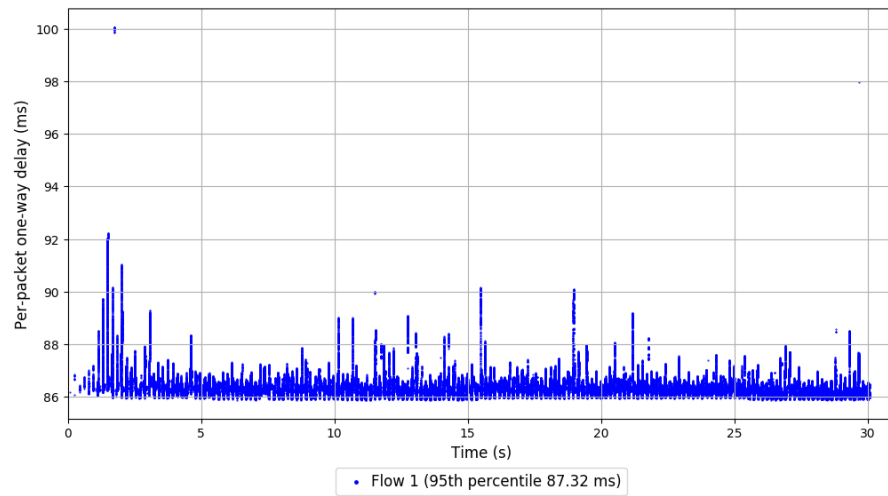
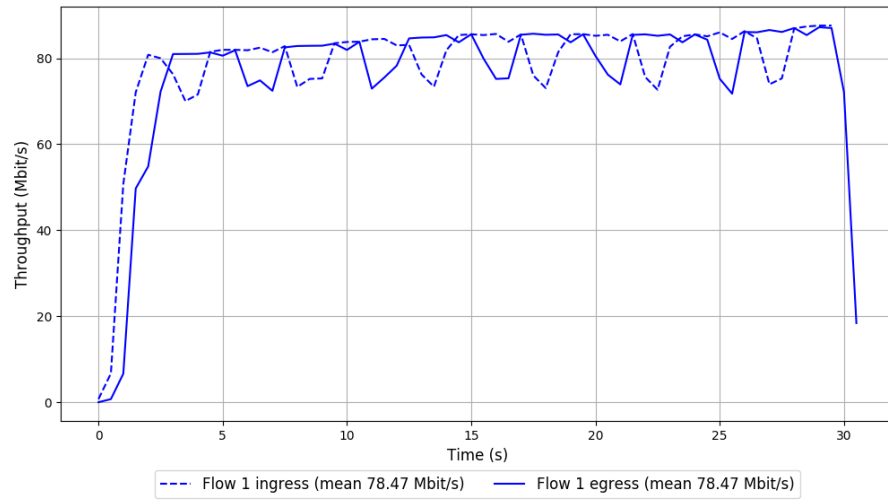
-- Flow 1:

Average throughput: 78.47 Mbit/s

95th percentile per-packet one-way delay: 87.319 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-07-24 09:12:26

End at: 2018-07-24 09:12:56

Local clock offset: 0.208 ms

Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-07-24 11:36:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.80 Mbit/s

95th percentile per-packet one-way delay: 88.234 ms

Loss rate: 0.00%

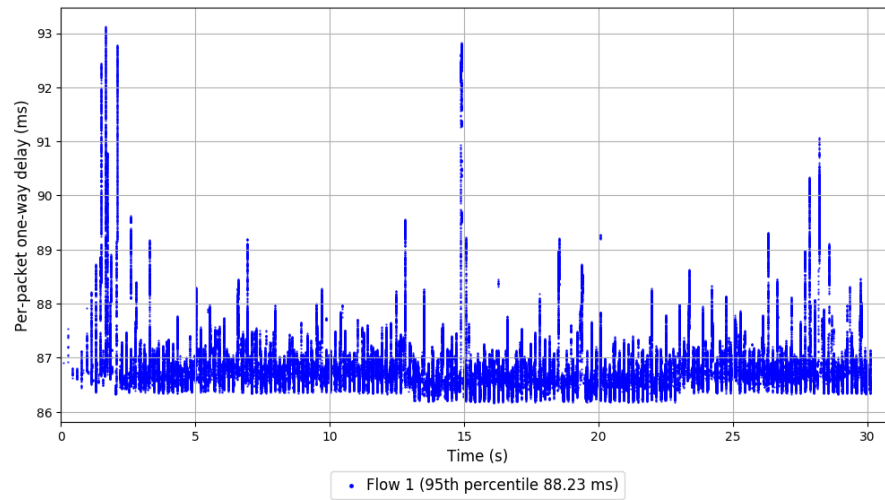
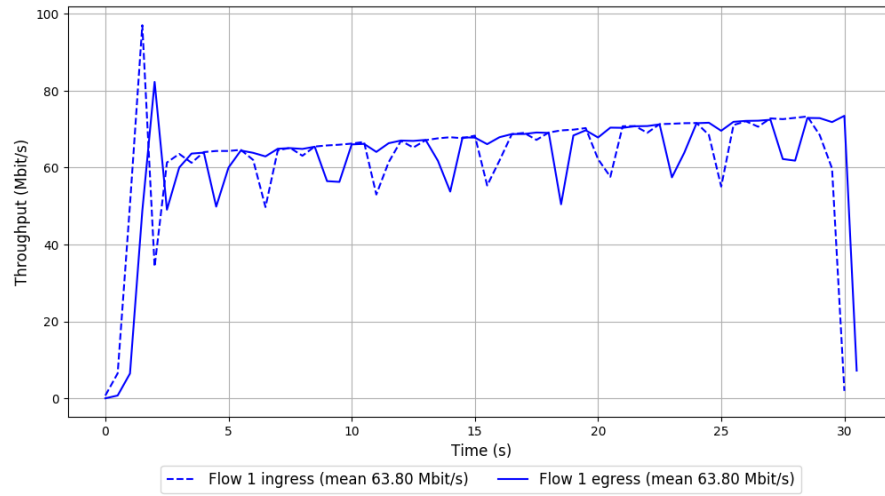
-- Flow 1:

Average throughput: 63.80 Mbit/s

95th percentile per-packet one-way delay: 88.234 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

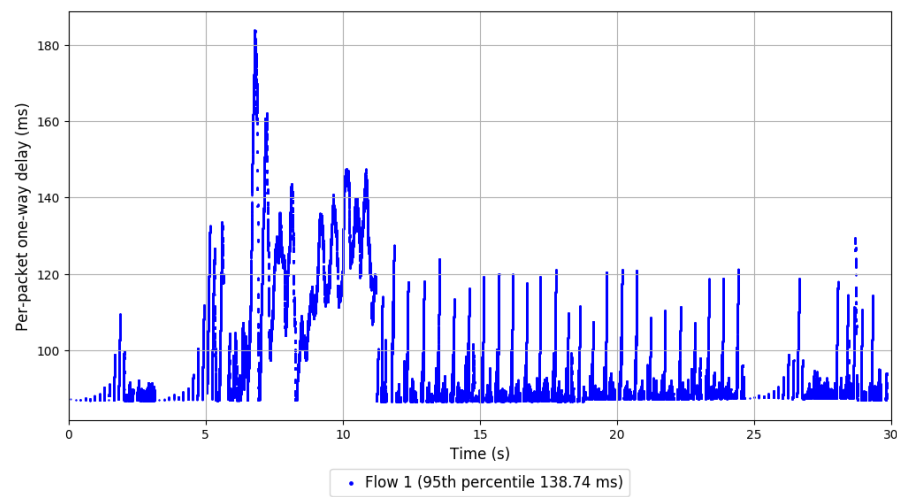
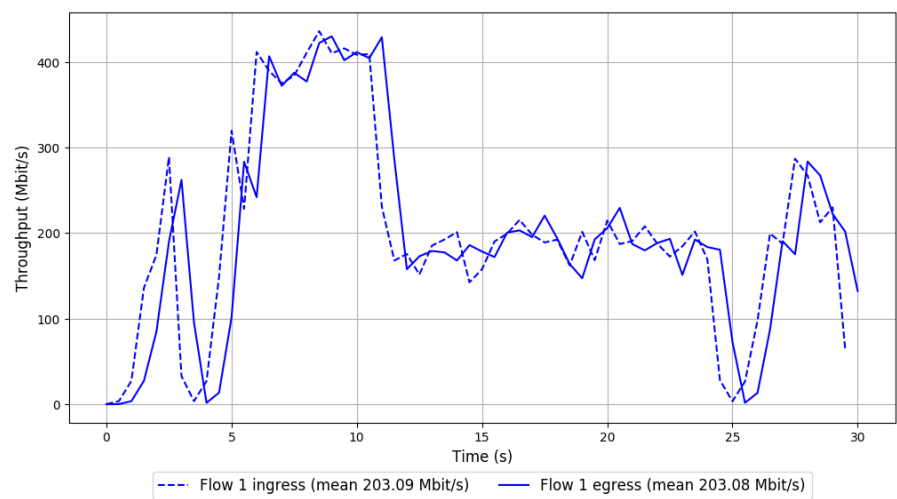


Run 1: Statistics of Verus

Start at: 2018-07-24 06:00:00
End at: 2018-07-24 06:00:30
Local clock offset: 19.8 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-07-24 11:37:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 203.08 Mbit/s
95th percentile per-packet one-way delay: 138.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 203.08 Mbit/s
95th percentile per-packet one-way delay: 138.739 ms
Loss rate: 0.00%

Run 1: Report of Verus — Data Link

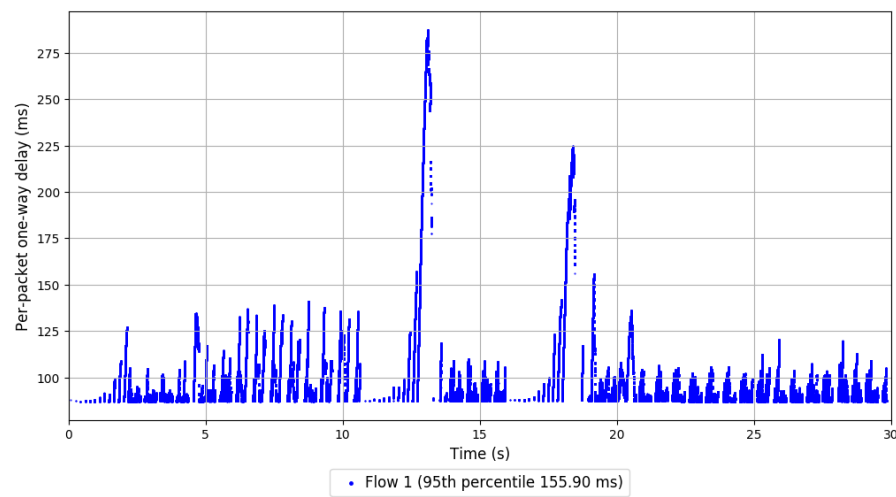
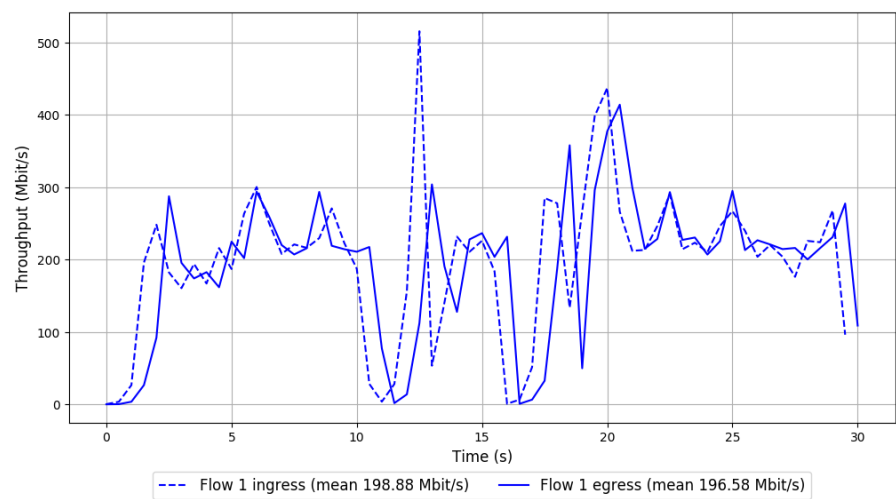


Run 2: Statistics of Verus

Start at: 2018-07-24 06:22:36
End at: 2018-07-24 06:23:06
Local clock offset: 23.784 ms
Remote clock offset: -0.162 ms

Below is generated by plot.py at 2018-07-24 11:37:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 196.58 Mbit/s
95th percentile per-packet one-way delay: 155.900 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 196.58 Mbit/s
95th percentile per-packet one-way delay: 155.900 ms
Loss rate: 1.16%

Run 2: Report of Verus — Data Link

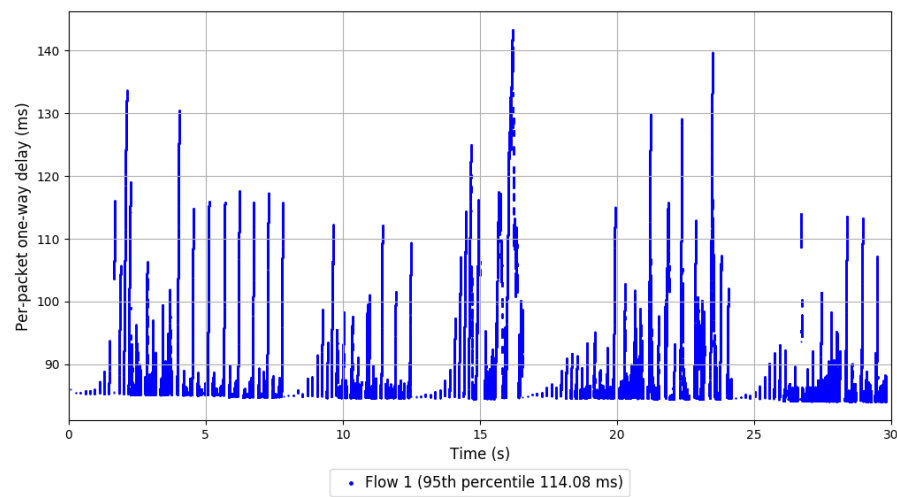
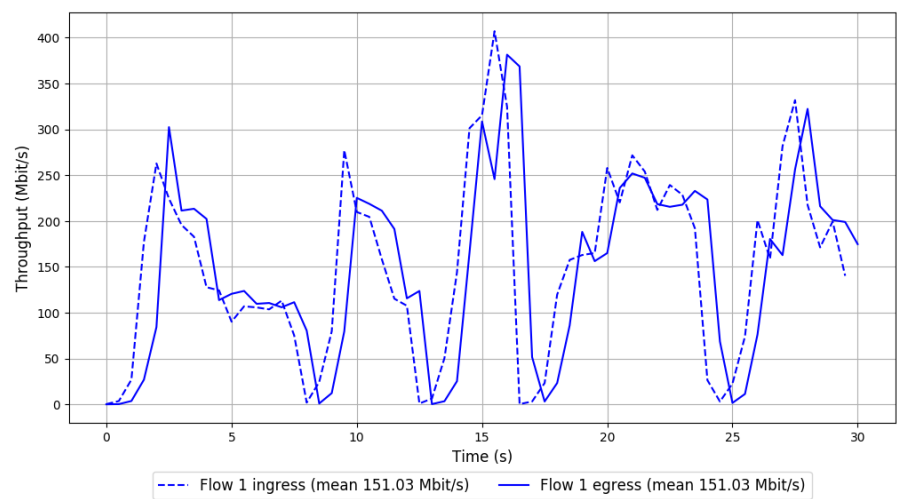


Run 3: Statistics of Verus

Start at: 2018-07-24 06:45:13
End at: 2018-07-24 06:45:43
Local clock offset: 25.513 ms
Remote clock offset: -0.356 ms

Below is generated by plot.py at 2018-07-24 11:37:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 151.03 Mbit/s
95th percentile per-packet one-way delay: 114.081 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 151.03 Mbit/s
95th percentile per-packet one-way delay: 114.081 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link

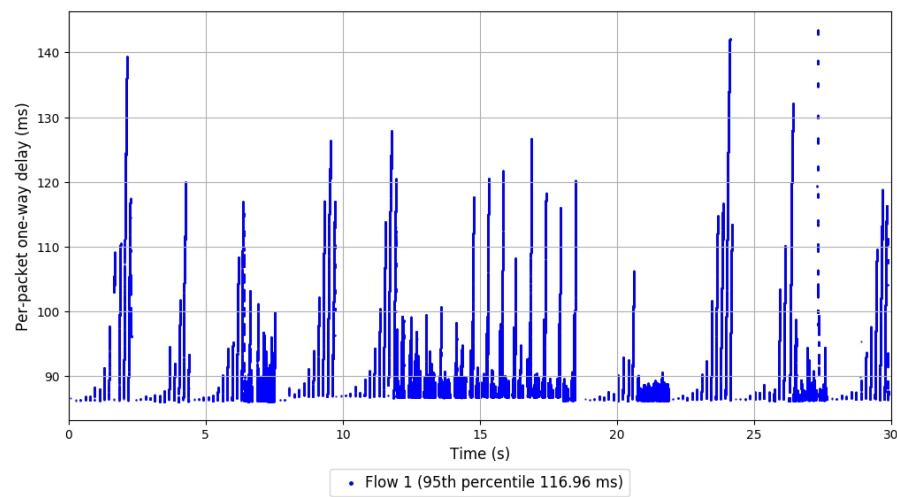
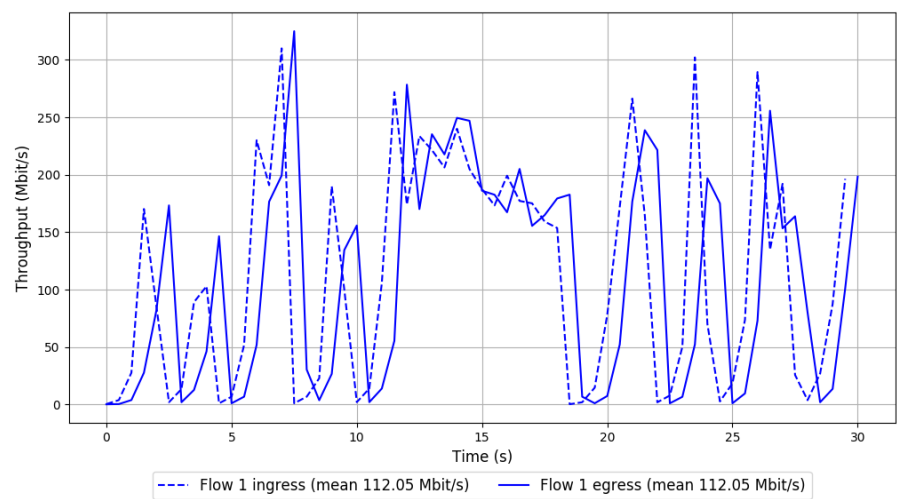


Run 4: Statistics of Verus

Start at: 2018-07-24 07:07:41
End at: 2018-07-24 07:08:11
Local clock offset: 17.953 ms
Remote clock offset: -0.173 ms

Below is generated by plot.py at 2018-07-24 11:37:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 112.05 Mbit/s
95th percentile per-packet one-way delay: 116.963 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 112.05 Mbit/s
95th percentile per-packet one-way delay: 116.963 ms
Loss rate: 0.00%

Run 4: Report of Verus — Data Link

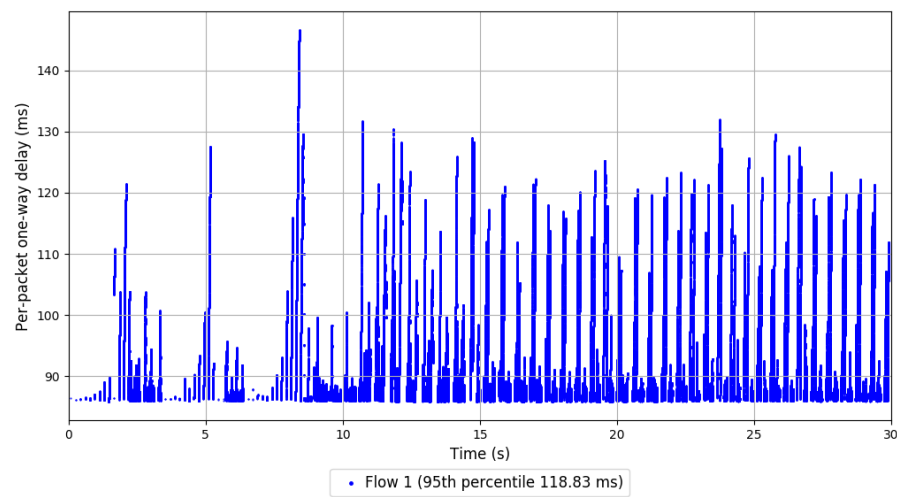
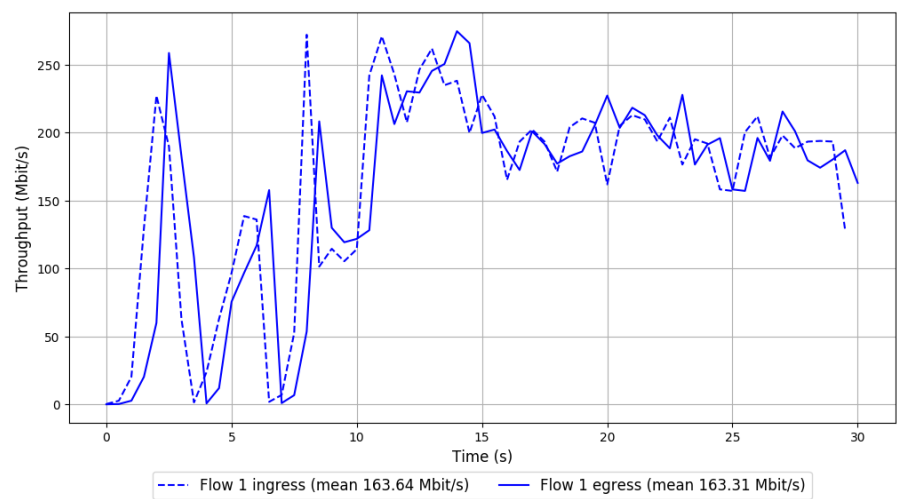


Run 5: Statistics of Verus

Start at: 2018-07-24 07:30:27
End at: 2018-07-24 07:30:57
Local clock offset: 7.805 ms
Remote clock offset: -0.091 ms

Below is generated by plot.py at 2018-07-24 11:37:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 163.31 Mbit/s
95th percentile per-packet one-way delay: 118.828 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 163.31 Mbit/s
95th percentile per-packet one-way delay: 118.828 ms
Loss rate: 0.14%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-07-24 07:53:03

End at: 2018-07-24 07:53:33

Local clock offset: 5.846 ms

Remote clock offset: -0.136 ms

Below is generated by plot.py at 2018-07-24 11:37:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 124.68 Mbit/s

95th percentile per-packet one-way delay: 116.840 ms

Loss rate: 0.23%

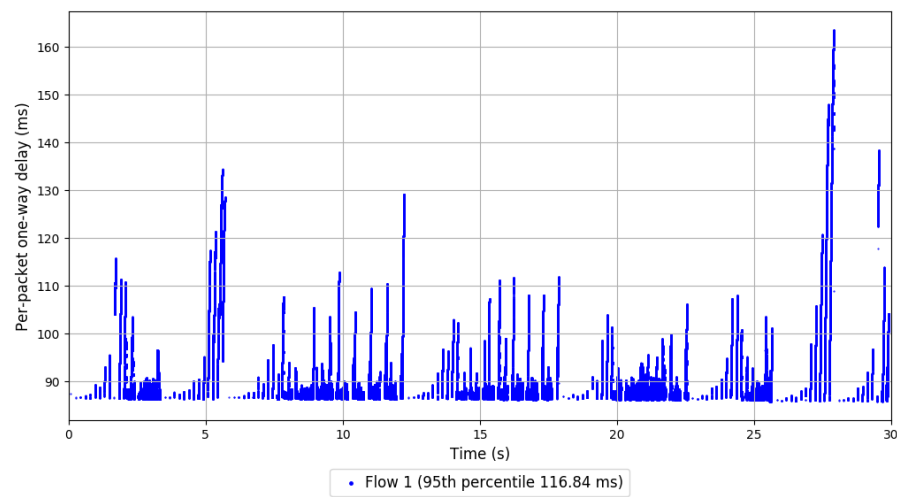
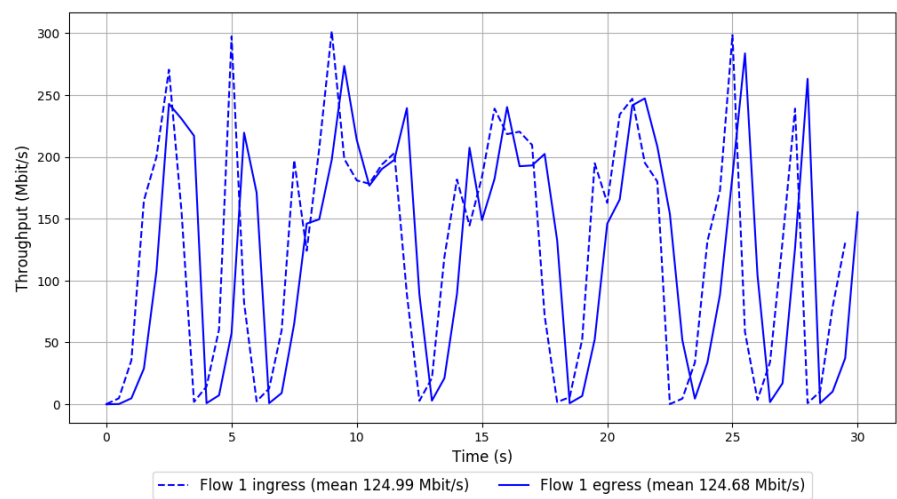
-- Flow 1:

Average throughput: 124.68 Mbit/s

95th percentile per-packet one-way delay: 116.840 ms

Loss rate: 0.23%

Run 6: Report of Verus — Data Link

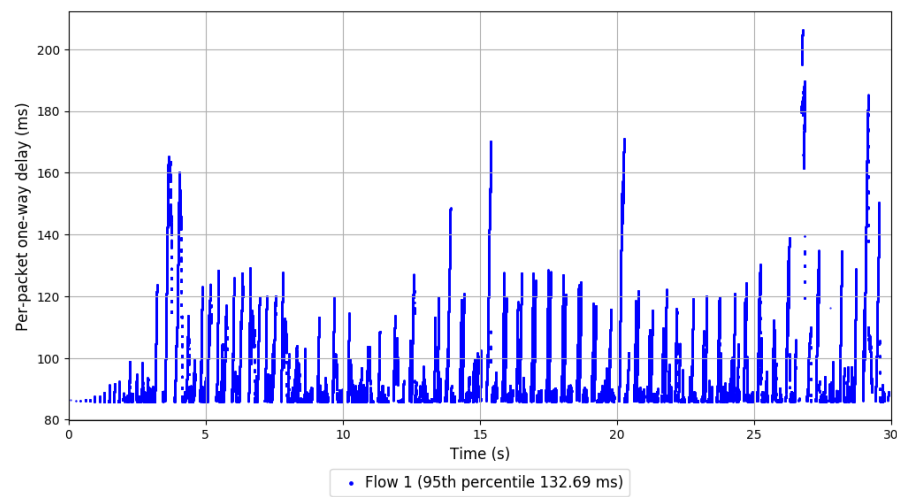
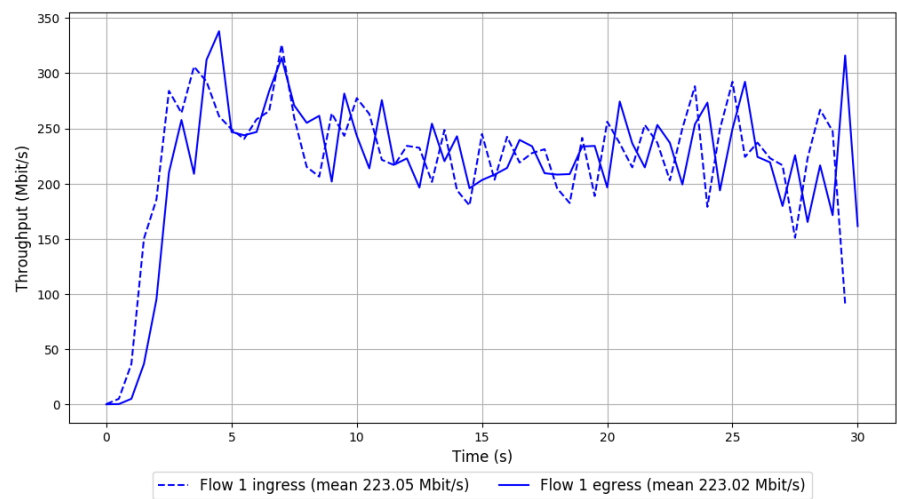


Run 7: Statistics of Verus

Start at: 2018-07-24 08:15:13
End at: 2018-07-24 08:15:43
Local clock offset: 2.052 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-07-24 11:40:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 223.02 Mbit/s
95th percentile per-packet one-way delay: 132.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 223.02 Mbit/s
95th percentile per-packet one-way delay: 132.693 ms
Loss rate: 0.00%

Run 7: Report of Verus — Data Link

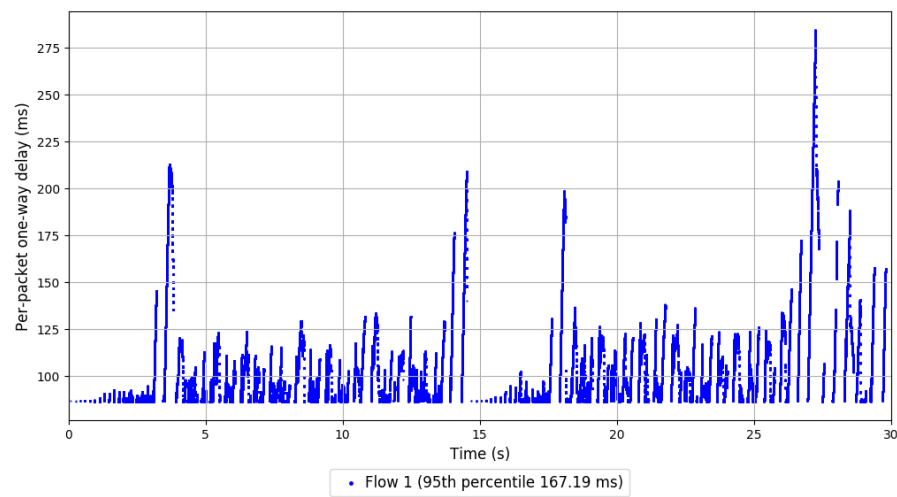
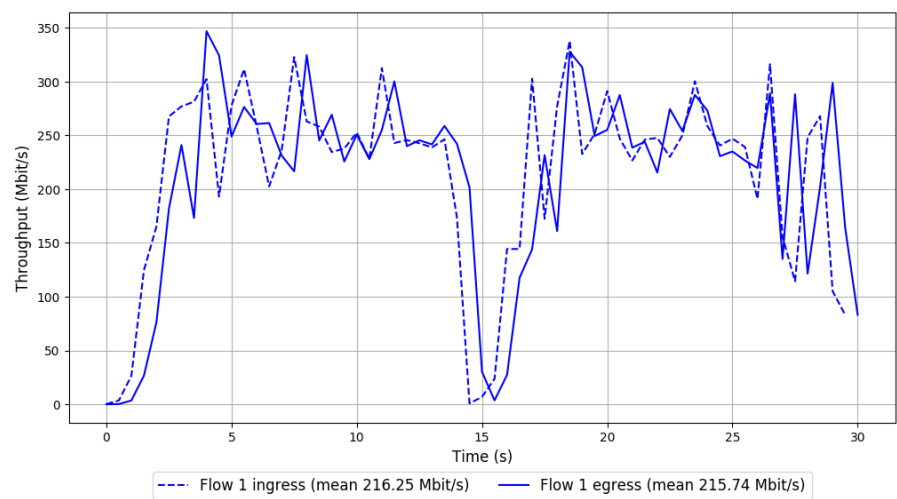


Run 8: Statistics of Verus

Start at: 2018-07-24 08:37:52
End at: 2018-07-24 08:38:22
Local clock offset: 0.708 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2018-07-24 11:40:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 215.74 Mbit/s
95th percentile per-packet one-way delay: 167.190 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 215.74 Mbit/s
95th percentile per-packet one-way delay: 167.190 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link

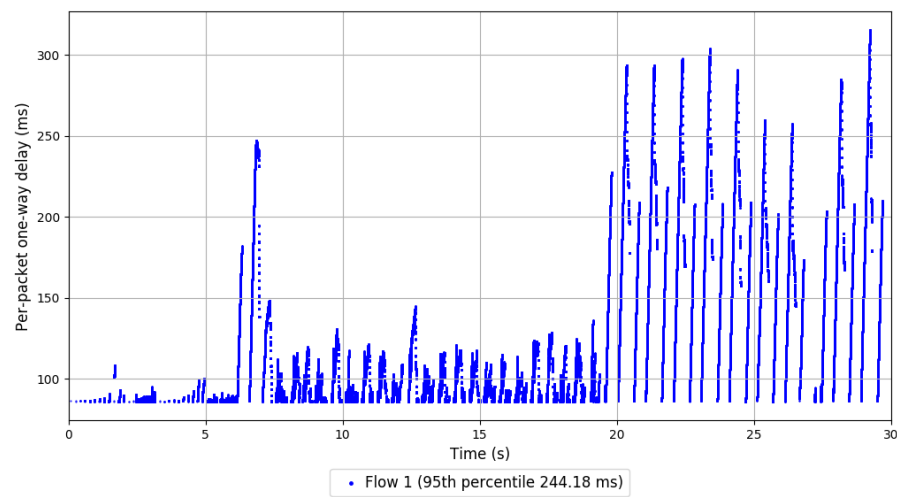
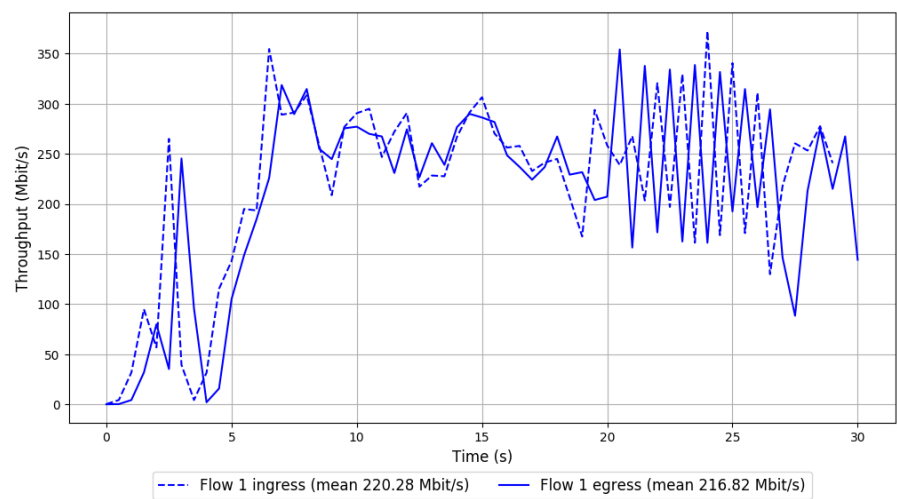


Run 9: Statistics of Verus

Start at: 2018-07-24 09:00:29
End at: 2018-07-24 09:00:59
Local clock offset: 0.841 ms
Remote clock offset: -0.088 ms

Below is generated by plot.py at 2018-07-24 11:41:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 216.82 Mbit/s
95th percentile per-packet one-way delay: 244.182 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 216.82 Mbit/s
95th percentile per-packet one-way delay: 244.182 ms
Loss rate: 1.16%

Run 9: Report of Verus — Data Link

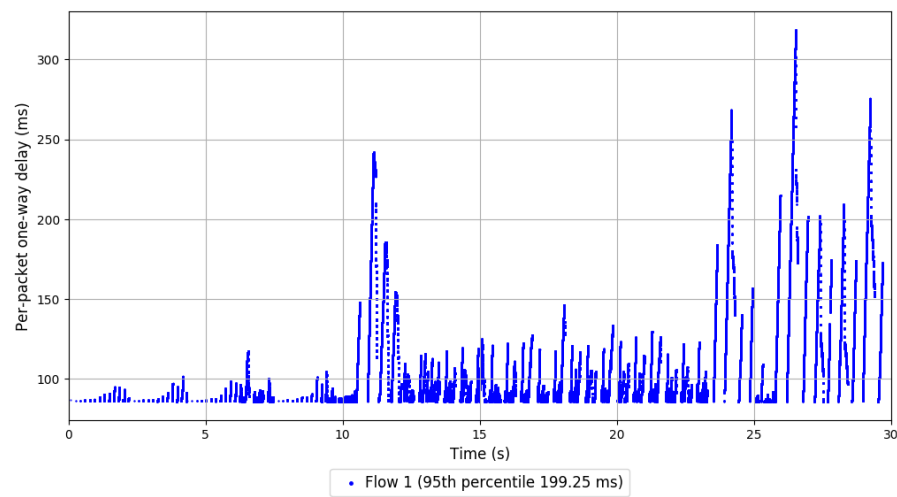
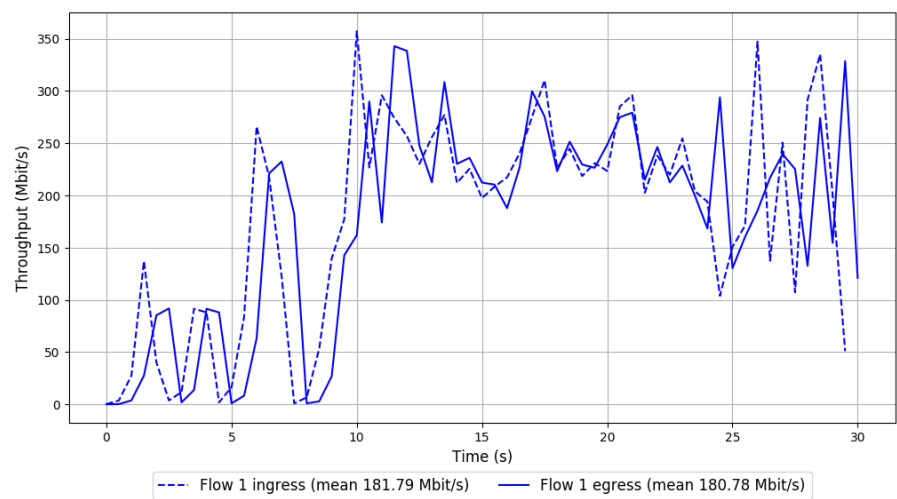


Run 10: Statistics of Verus

Start at: 2018-07-24 09:22:56
End at: 2018-07-24 09:23:26
Local clock offset: 0.68 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2018-07-24 11:41:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 180.78 Mbit/s
95th percentile per-packet one-way delay: 199.250 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 180.78 Mbit/s
95th percentile per-packet one-way delay: 199.250 ms
Loss rate: 0.27%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-07-24 05:42:54

End at: 2018-07-24 05:43:24

Local clock offset: 9.306 ms

Remote clock offset: -0.086 ms

Below is generated by plot.py at 2018-07-24 11:45:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 340.27 Mbit/s

95th percentile per-packet one-way delay: 101.484 ms

Loss rate: 0.02%

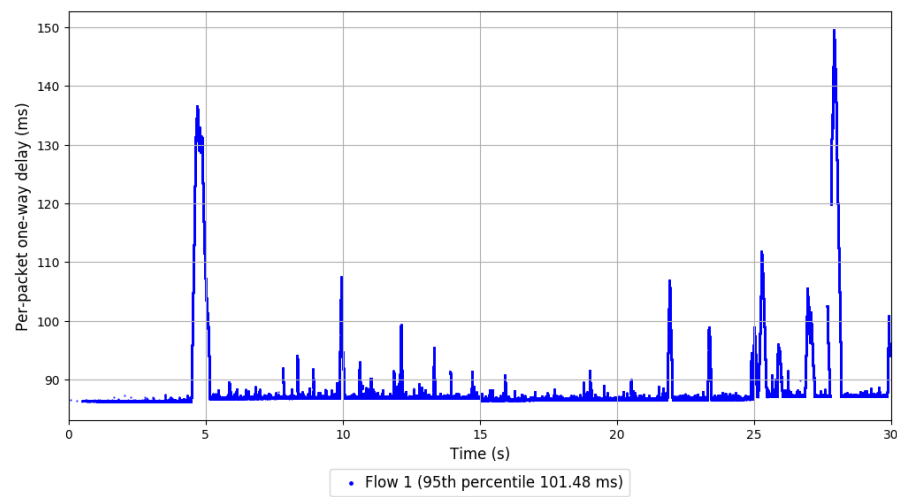
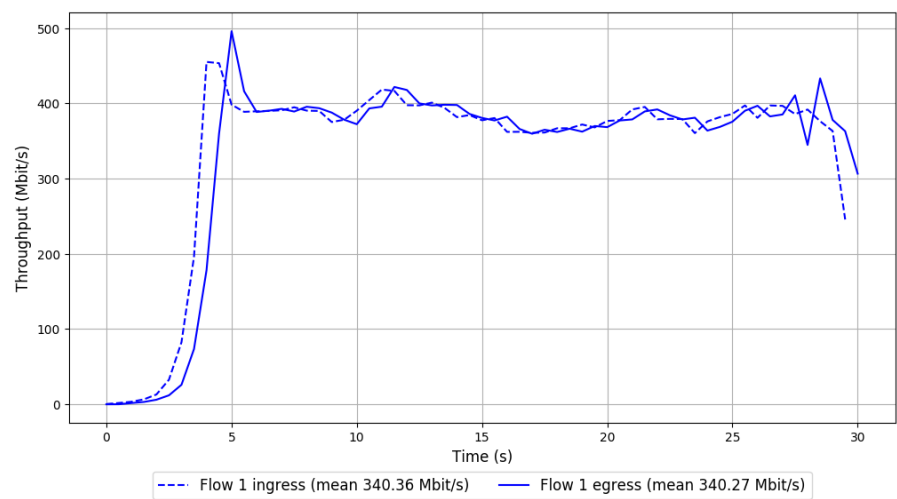
-- Flow 1:

Average throughput: 340.27 Mbit/s

95th percentile per-packet one-way delay: 101.484 ms

Loss rate: 0.02%

Run 1: Report of PCC-Vivace — Data Link

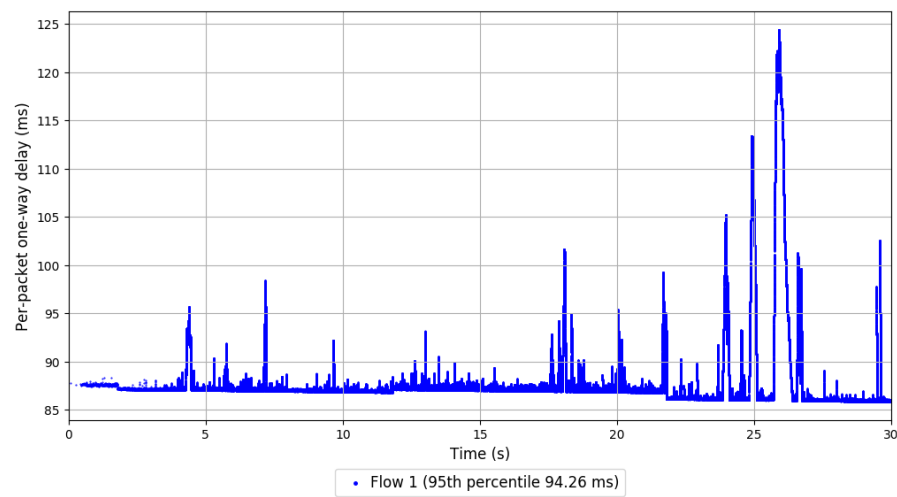
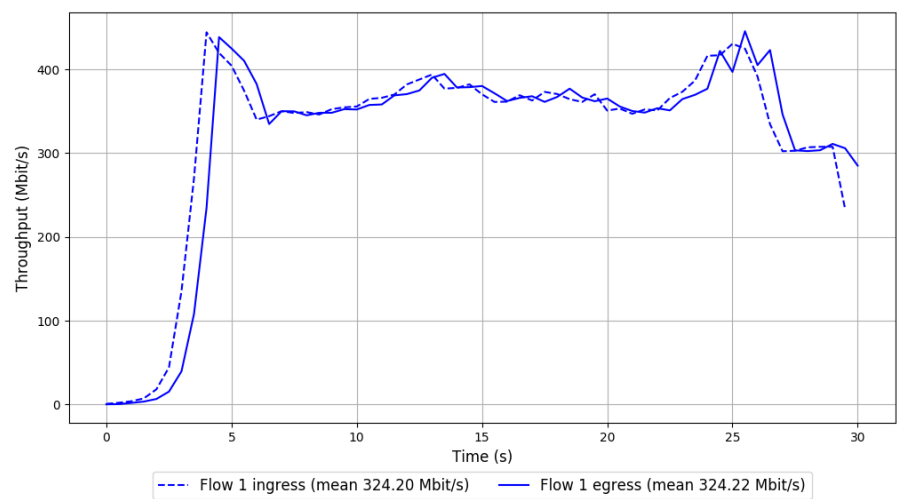


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-24 06:05:17
End at: 2018-07-24 06:05:47
Local clock offset: 27.113 ms
Remote clock offset: -0.135 ms

Below is generated by plot.py at 2018-07-24 11:45:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 324.22 Mbit/s
95th percentile per-packet one-way delay: 94.259 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 324.22 Mbit/s
95th percentile per-packet one-way delay: 94.259 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

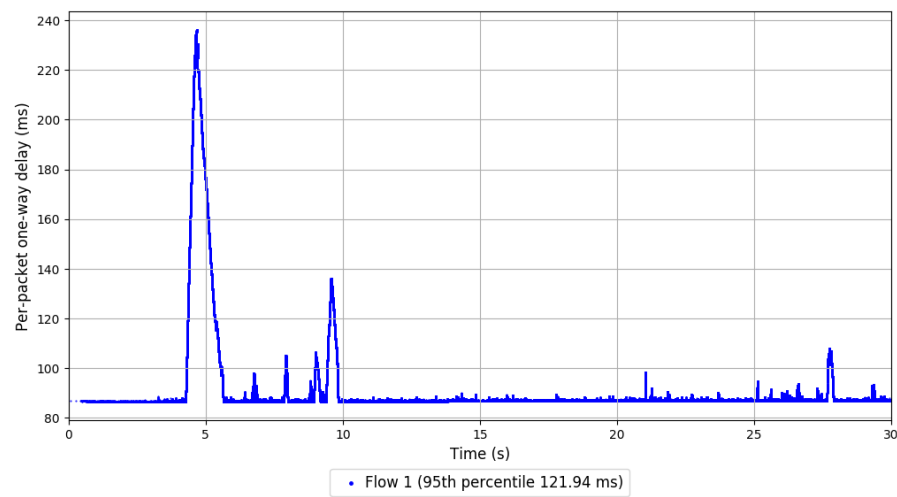
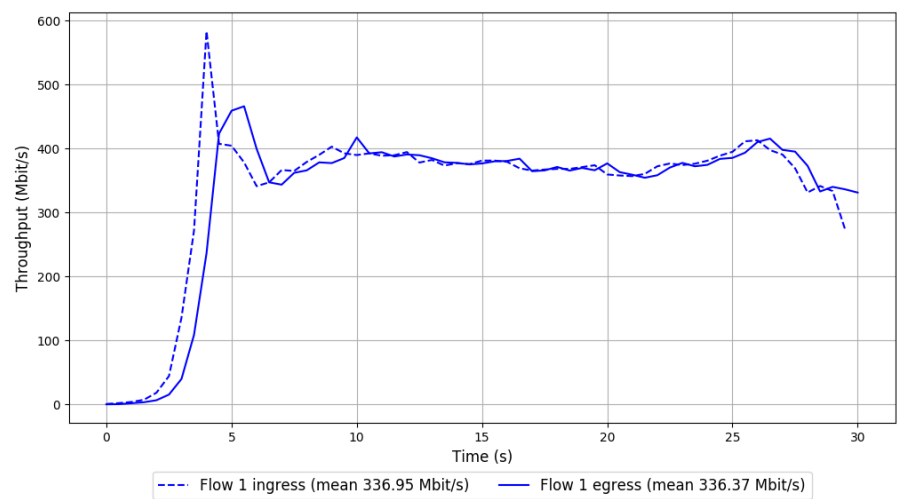


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-24 06:27:55
End at: 2018-07-24 06:28:25
Local clock offset: 28.671 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2018-07-24 11:45:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 336.37 Mbit/s
95th percentile per-packet one-way delay: 121.943 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 336.37 Mbit/s
95th percentile per-packet one-way delay: 121.943 ms
Loss rate: 0.17%

Run 3: Report of PCC-Vivace — Data Link

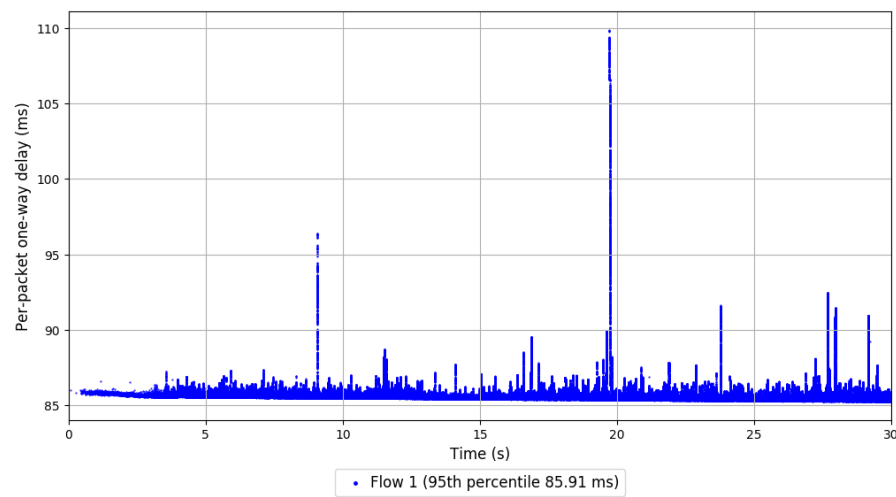
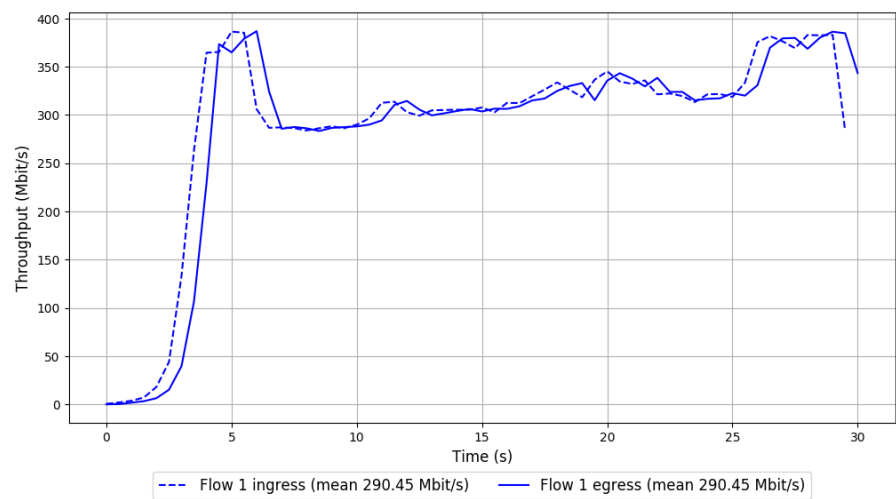


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-24 06:50:27
End at: 2018-07-24 06:50:57
Local clock offset: 18.373 ms
Remote clock offset: -0.212 ms

Below is generated by plot.py at 2018-07-24 11:45:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 290.45 Mbit/s
95th percentile per-packet one-way delay: 85.911 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 290.45 Mbit/s
95th percentile per-packet one-way delay: 85.911 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

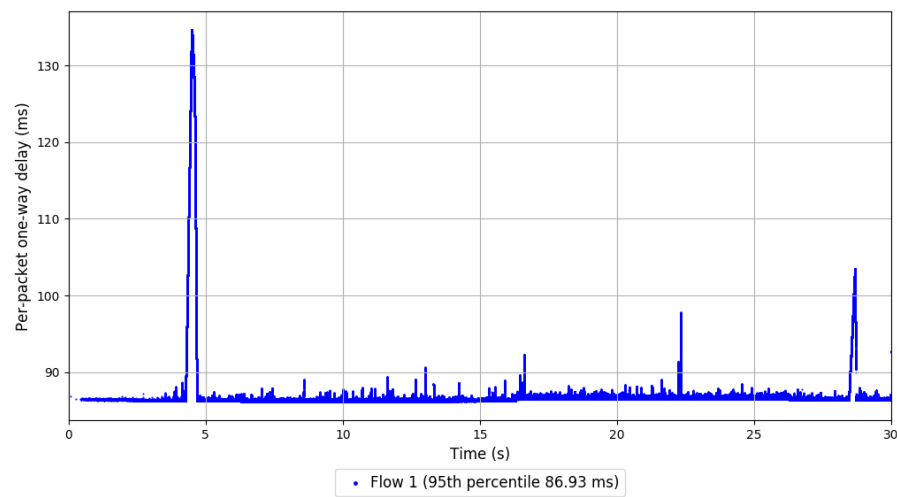
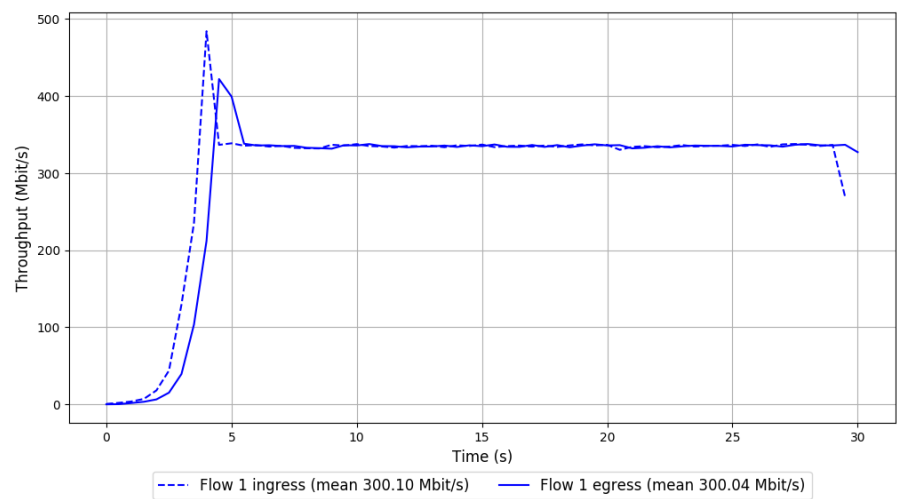


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-24 07:12:53
End at: 2018-07-24 07:13:23
Local clock offset: 20.389 ms
Remote clock offset: -0.126 ms

Below is generated by plot.py at 2018-07-24 11:47:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 300.04 Mbit/s
95th percentile per-packet one-way delay: 86.933 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 300.04 Mbit/s
95th percentile per-packet one-way delay: 86.933 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

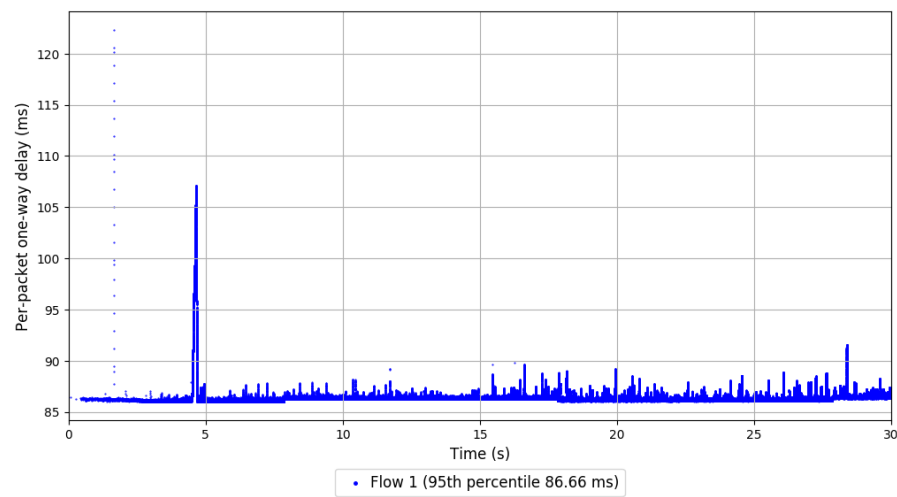
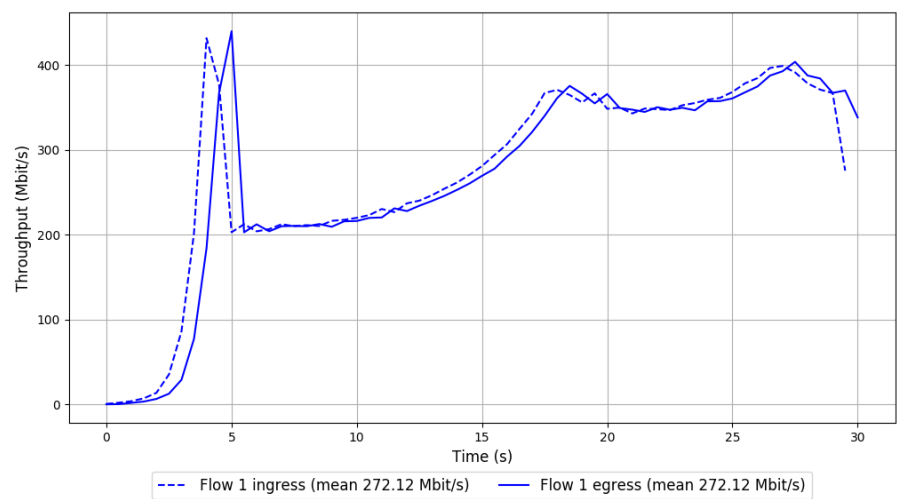


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-24 07:35:51
End at: 2018-07-24 07:36:21
Local clock offset: 7.821 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-07-24 11:47:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 272.12 Mbit/s
95th percentile per-packet one-way delay: 86.656 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 272.12 Mbit/s
95th percentile per-packet one-way delay: 86.656 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

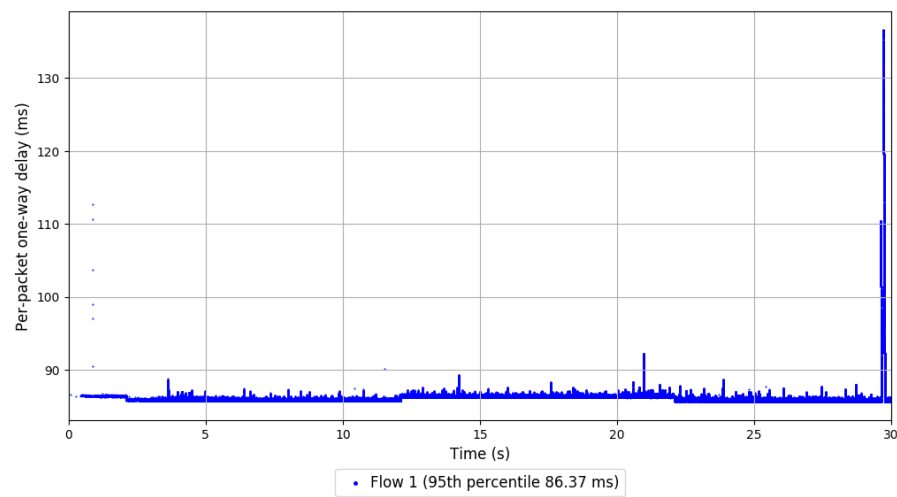
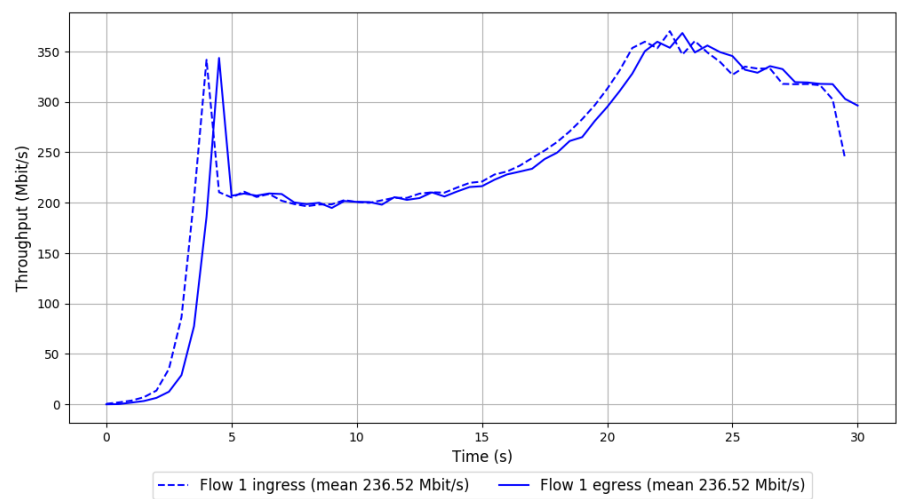


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-24 07:58:17
End at: 2018-07-24 07:58:47
Local clock offset: 3.674 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2018-07-24 11:47:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 236.52 Mbit/s
95th percentile per-packet one-way delay: 86.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 236.52 Mbit/s
95th percentile per-packet one-way delay: 86.368 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link

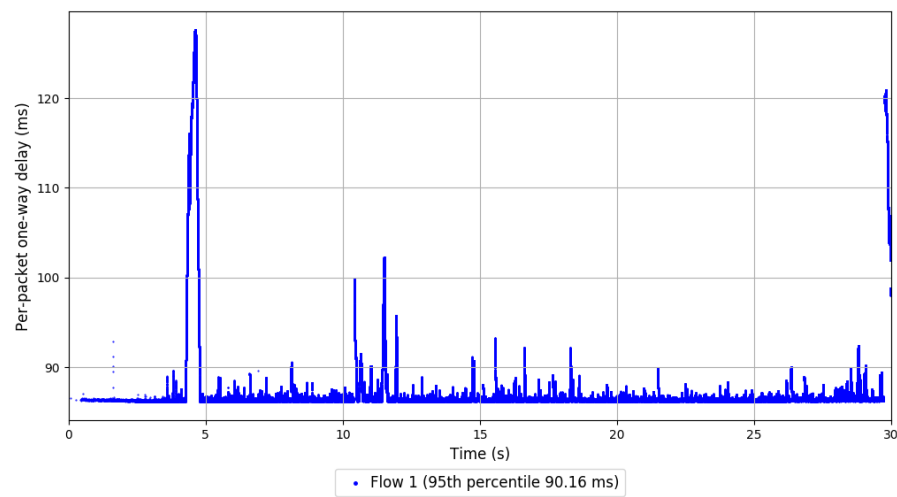
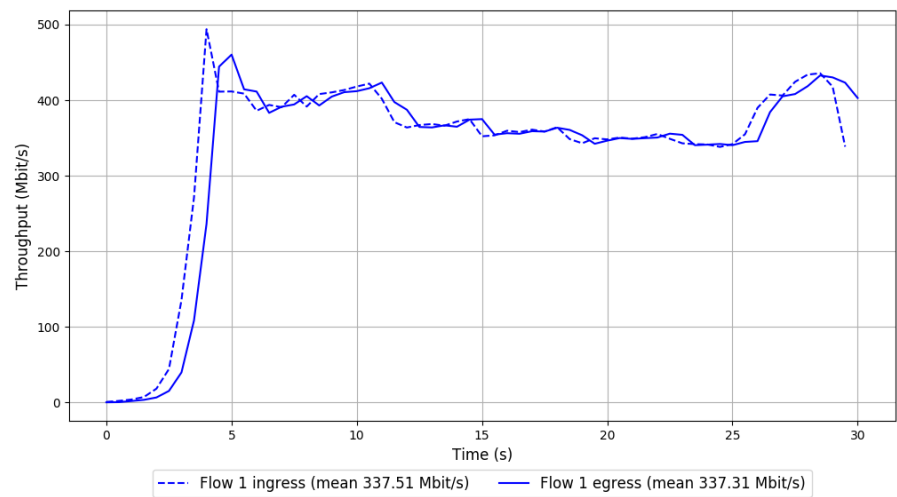


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-24 08:20:35
End at: 2018-07-24 08:21:05
Local clock offset: 2.044 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2018-07-24 11:47:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 337.31 Mbit/s
95th percentile per-packet one-way delay: 90.160 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 337.31 Mbit/s
95th percentile per-packet one-way delay: 90.160 ms
Loss rate: 0.06%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

Start at: 2018-07-24 08:43:14

End at: 2018-07-24 08:43:44

Local clock offset: 0.838 ms

Remote clock offset: -0.112 ms

Below is generated by plot.py at 2018-07-24 11:48:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 282.27 Mbit/s

95th percentile per-packet one-way delay: 86.856 ms

Loss rate: 0.00%

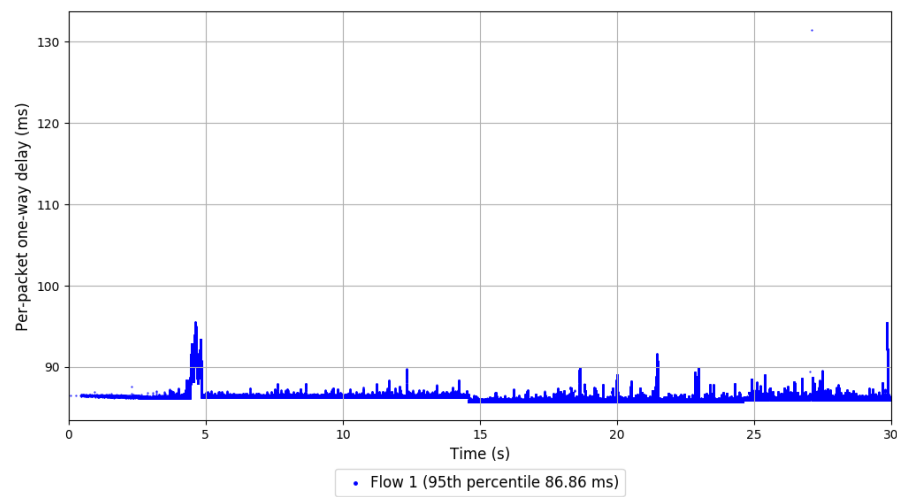
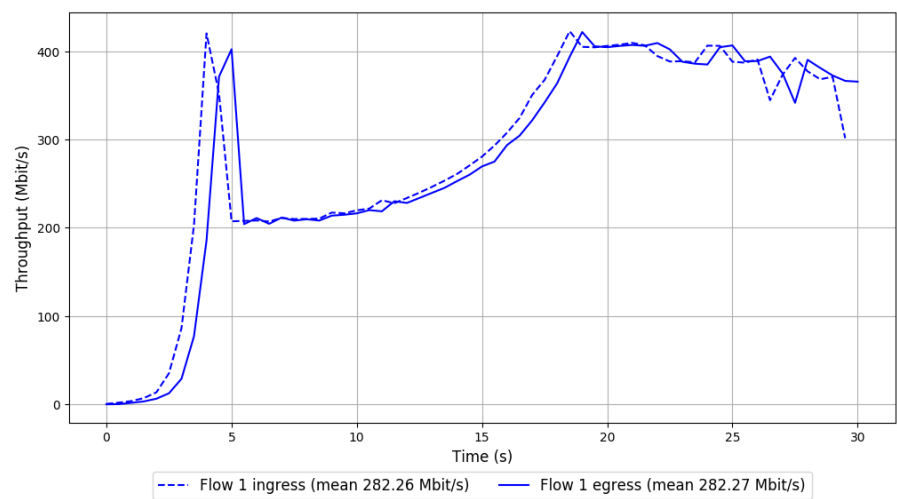
-- Flow 1:

Average throughput: 282.27 Mbit/s

95th percentile per-packet one-way delay: 86.856 ms

Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-07-24 09:05:49

End at: 2018-07-24 09:06:20

Local clock offset: 0.678 ms

Remote clock offset: -0.052 ms

Below is generated by plot.py at 2018-07-24 11:48:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 330.35 Mbit/s

95th percentile per-packet one-way delay: 90.114 ms

Loss rate: 0.00%

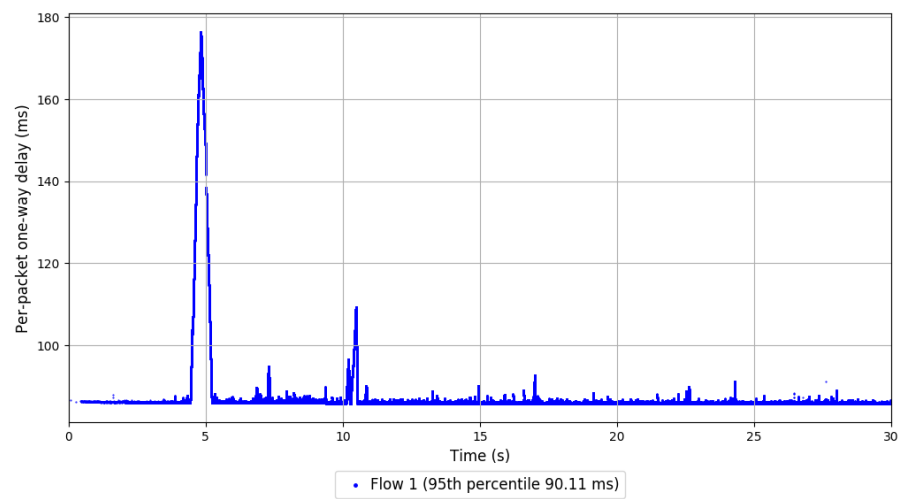
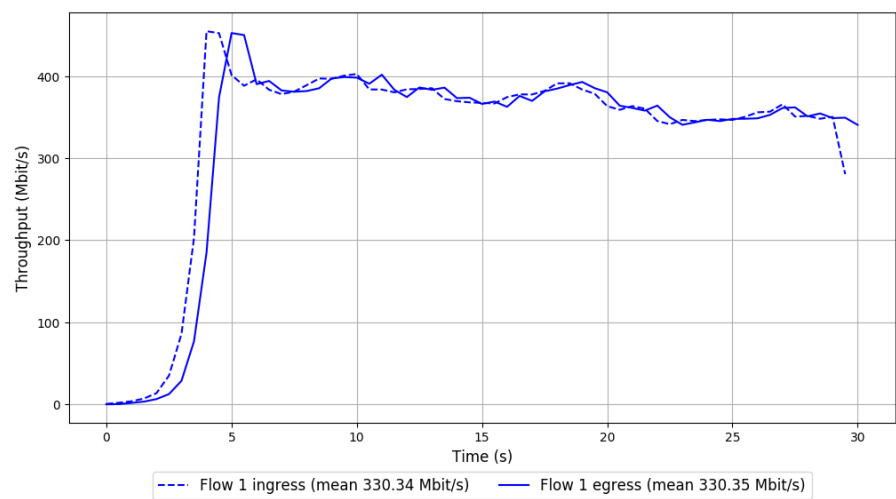
-- Flow 1:

Average throughput: 330.35 Mbit/s

95th percentile per-packet one-way delay: 90.114 ms

Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

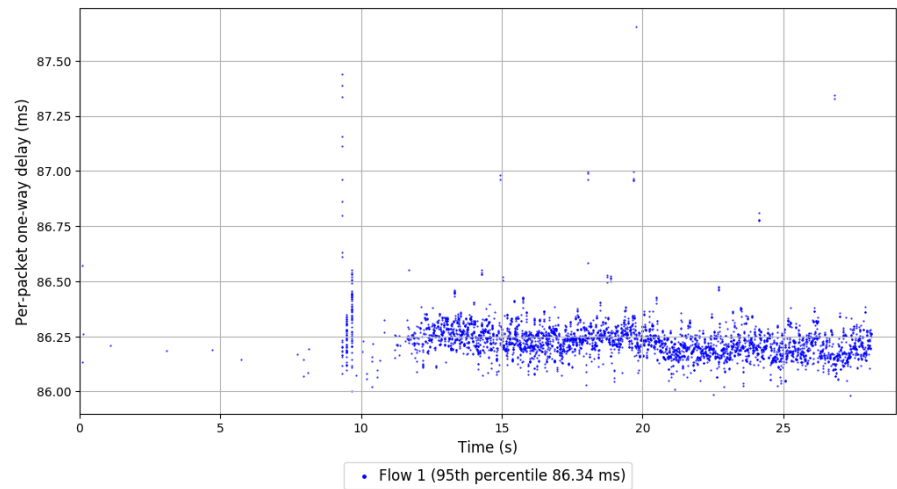
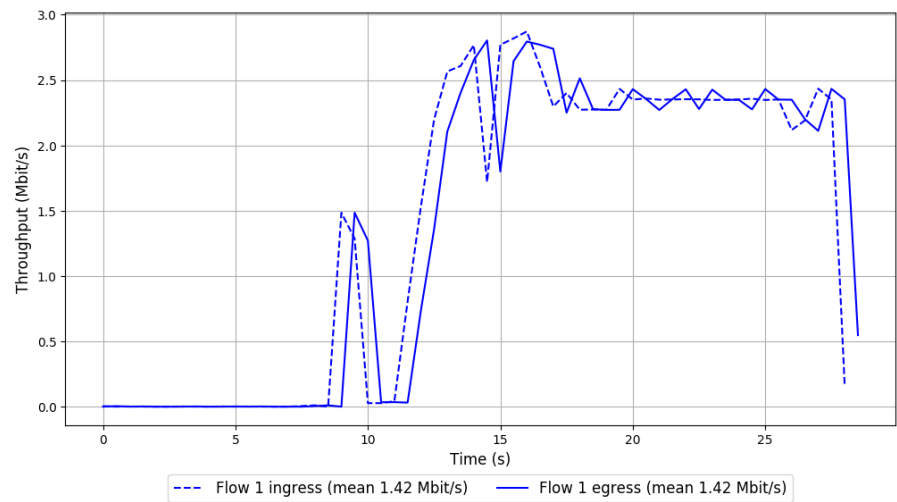


Run 1: Statistics of WebRTC media

Start at: 2018-07-24 05:51:56
End at: 2018-07-24 05:52:26
Local clock offset: 13.668 ms
Remote clock offset: -0.148 ms

Below is generated by plot.py at 2018-07-24 11:48:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 86.338 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 86.338 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

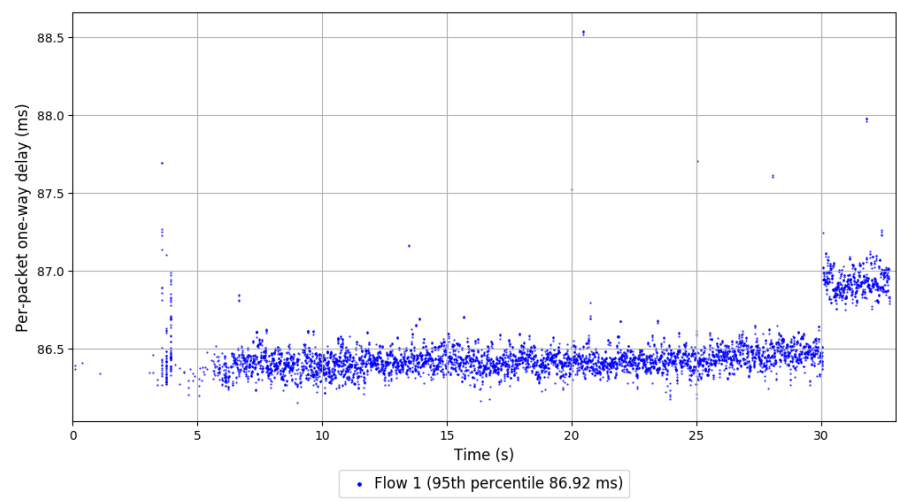
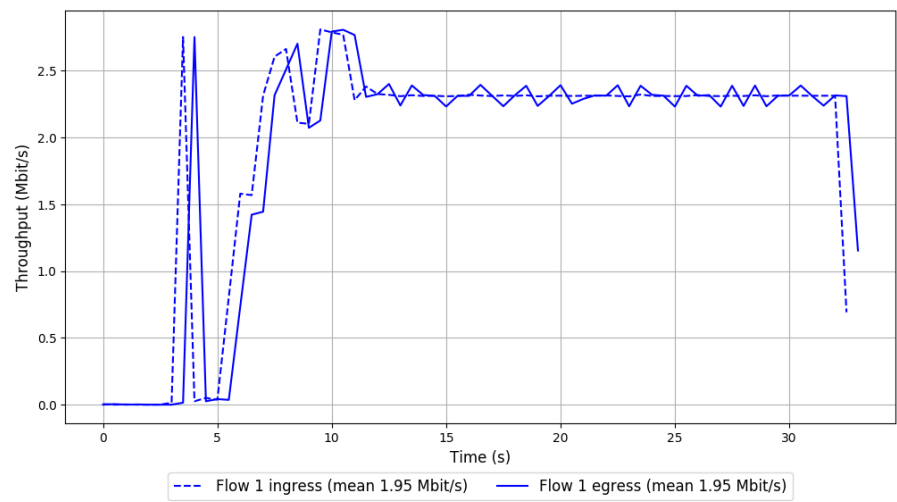


Run 2: Statistics of WebRTC media

Start at: 2018-07-24 06:14:31
End at: 2018-07-24 06:15:02
Local clock offset: 20.324 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2018-07-24 11:48:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 86.924 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 86.924 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-07-24 06:37:12

End at: 2018-07-24 06:37:42

Local clock offset: 38.493 ms

Remote clock offset: -0.25 ms

Below is generated by plot.py at 2018-07-24 11:48:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.99 Mbit/s

95th percentile per-packet one-way delay: 87.247 ms

Loss rate: 0.00%

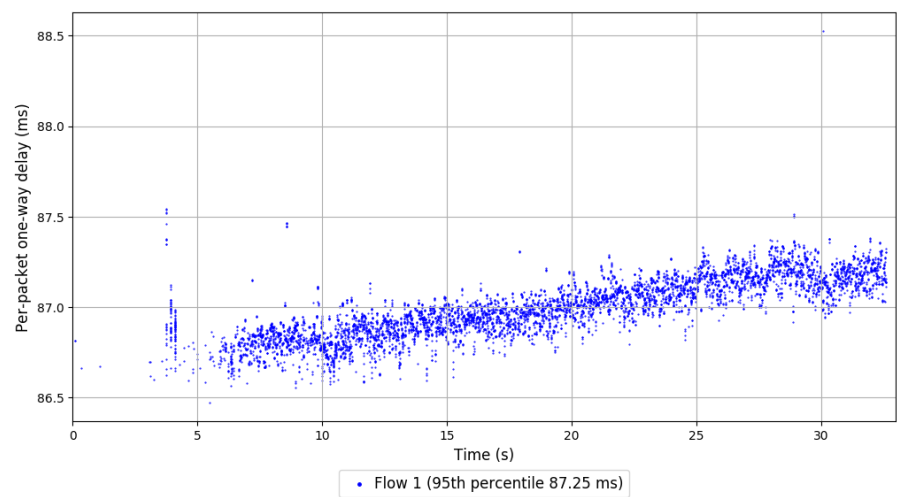
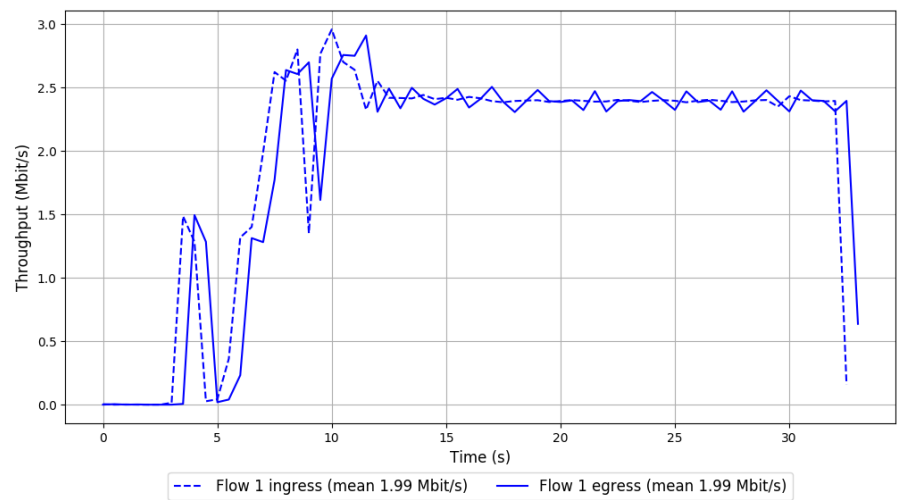
-- Flow 1:

Average throughput: 1.99 Mbit/s

95th percentile per-packet one-way delay: 87.247 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

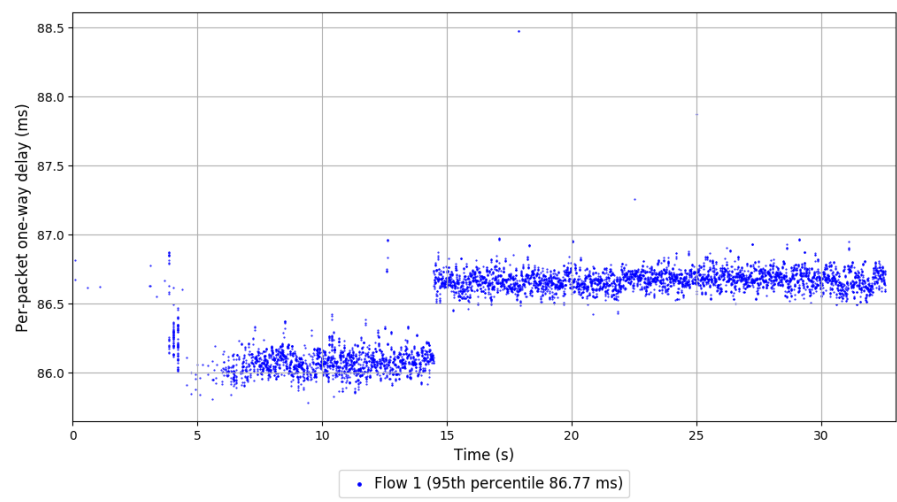
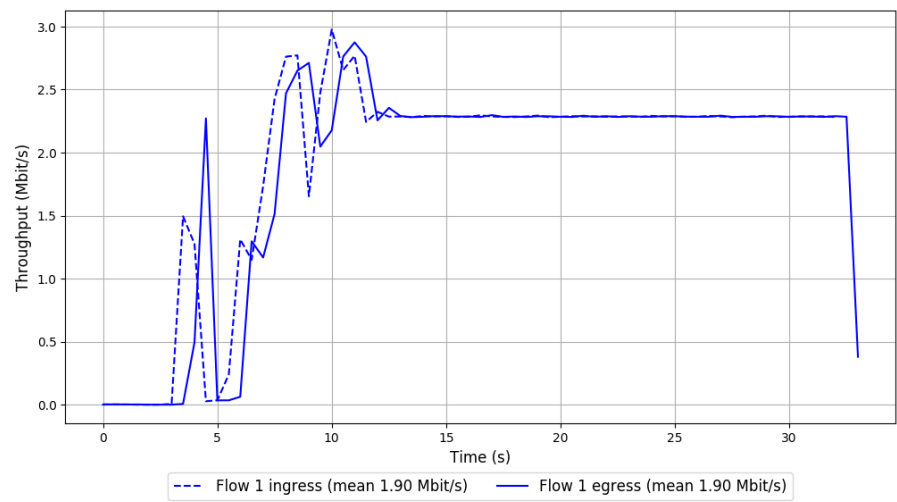


Run 4: Statistics of WebRTC media

Start at: 2018-07-24 06:59:37
End at: 2018-07-24 07:00:07
Local clock offset: 15.872 ms
Remote clock offset: -0.165 ms

Below is generated by plot.py at 2018-07-24 11:48:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 86.767 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 86.767 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-07-24 07:22:10

End at: 2018-07-24 07:22:40

Local clock offset: 10.493 ms

Remote clock offset: -0.15 ms

Below is generated by plot.py at 2018-07-24 11:48:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.96 Mbit/s

95th percentile per-packet one-way delay: 86.040 ms

Loss rate: 0.00%

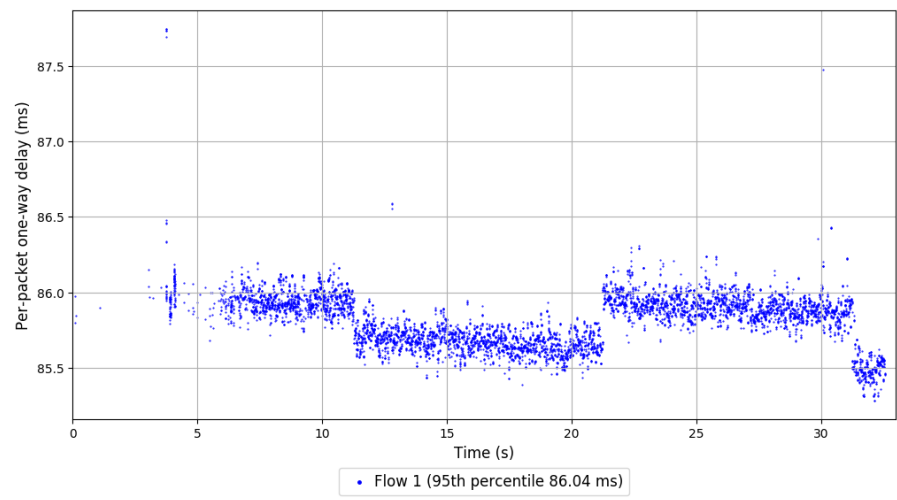
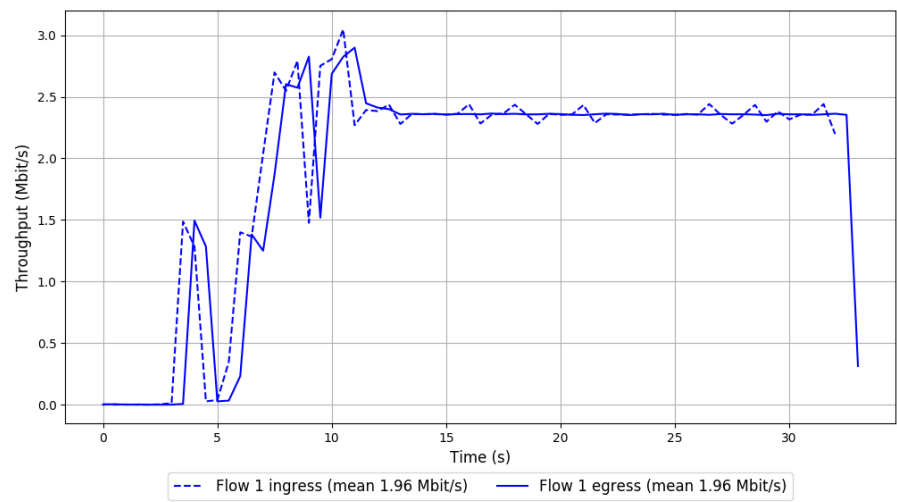
-- Flow 1:

Average throughput: 1.96 Mbit/s

95th percentile per-packet one-way delay: 86.040 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

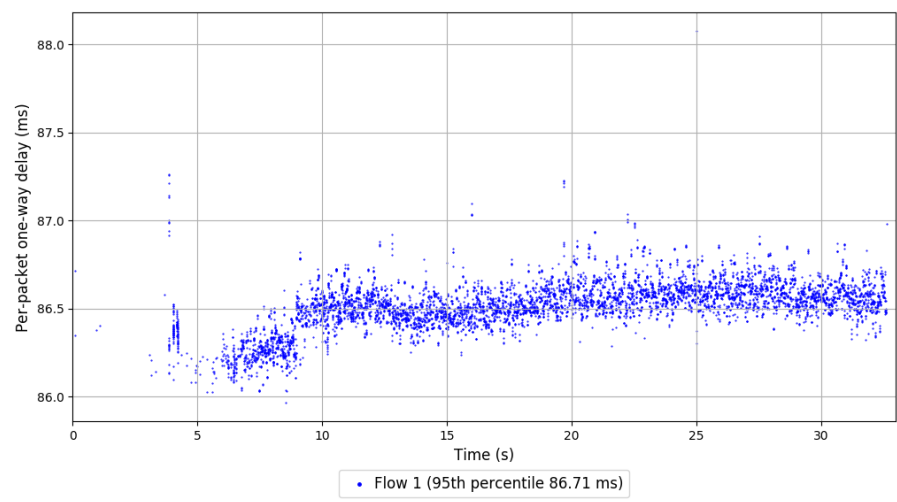
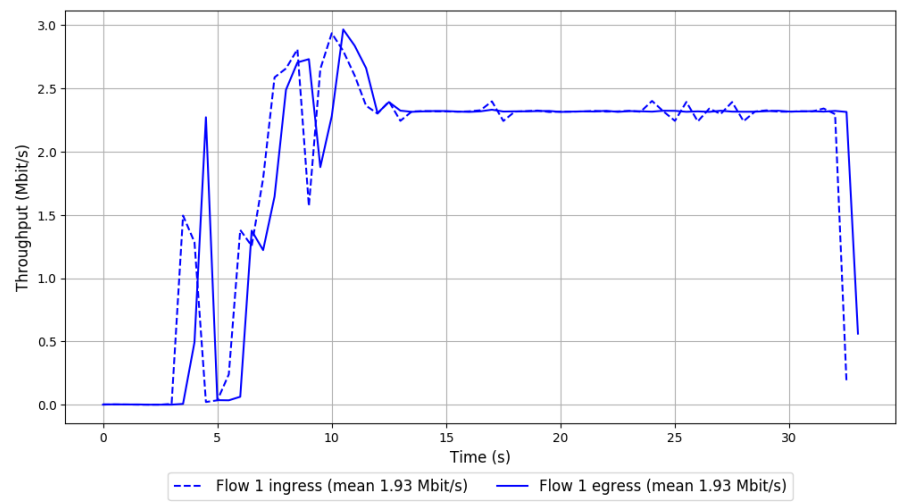


Run 6: Statistics of WebRTC media

Start at: 2018-07-24 07:45:02
End at: 2018-07-24 07:45:32
Local clock offset: 9.461 ms
Remote clock offset: -0.156 ms

Below is generated by plot.py at 2018-07-24 11:48:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 86.708 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 86.708 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

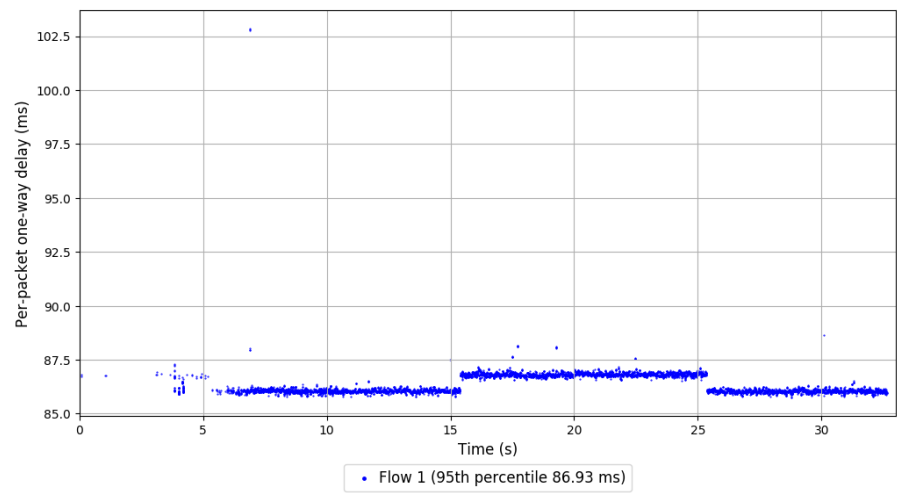
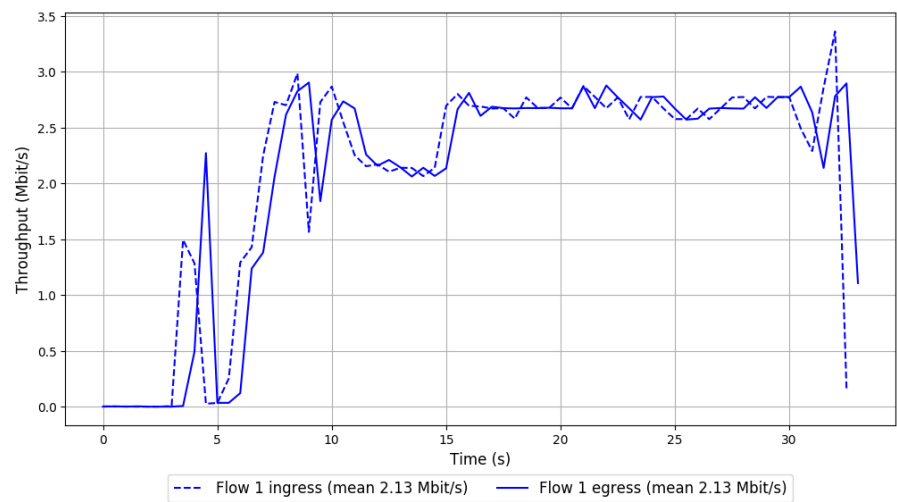


Run 7: Statistics of WebRTC media

Start at: 2018-07-24 08:07:16
End at: 2018-07-24 08:07:46
Local clock offset: 2.213 ms
Remote clock offset: -0.114 ms

Below is generated by plot.py at 2018-07-24 11:48:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 86.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 86.928 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

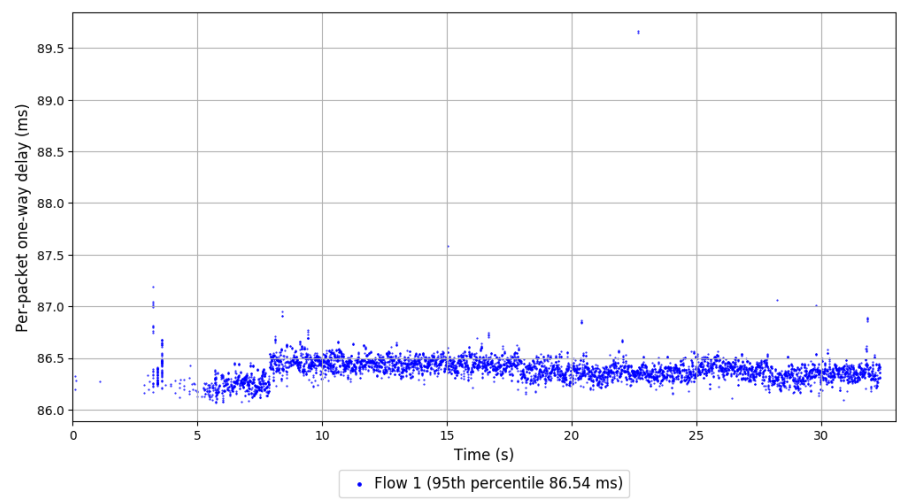
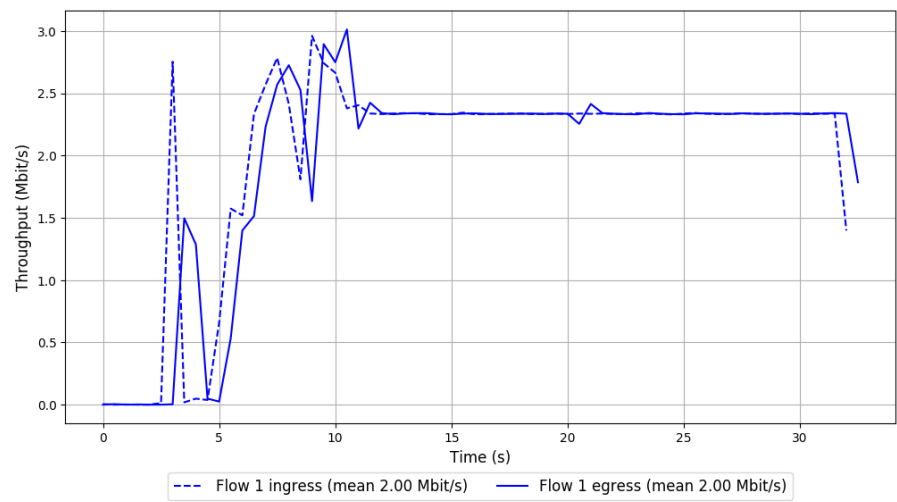


Run 8: Statistics of WebRTC media

Start at: 2018-07-24 08:29:43
End at: 2018-07-24 08:30:13
Local clock offset: 0.917 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-07-24 11:48:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 86.536 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 86.536 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

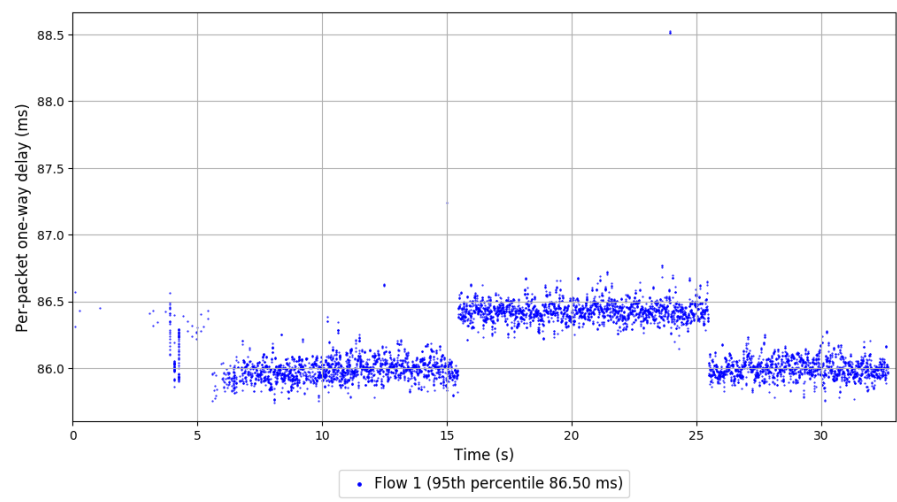
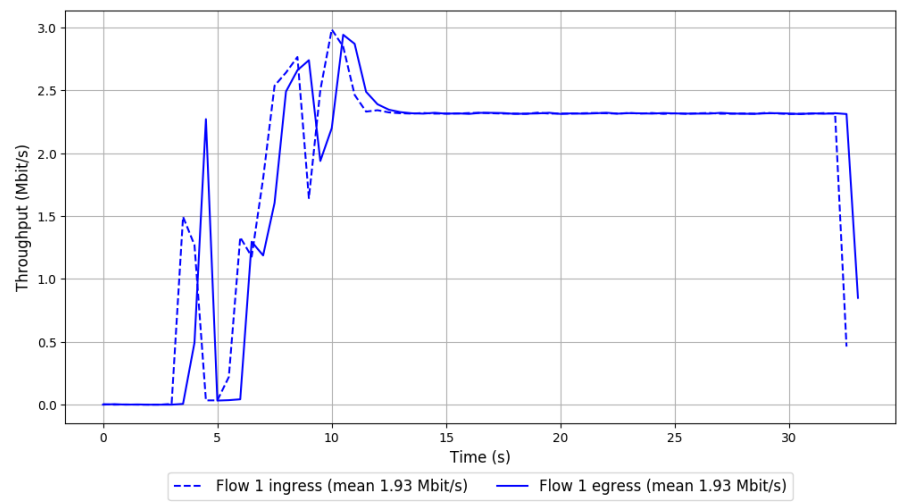


Run 9: Statistics of WebRTC media

Start at: 2018-07-24 08:52:26
End at: 2018-07-24 08:52:56
Local clock offset: 0.986 ms
Remote clock offset: -0.121 ms

Below is generated by plot.py at 2018-07-24 11:48:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 86.505 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 86.505 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-24 09:14:58

End at: 2018-07-24 09:15:28

Local clock offset: 0.389 ms

Remote clock offset: -0.028 ms

Below is generated by plot.py at 2018-07-24 11:48:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.95 Mbit/s

95th percentile per-packet one-way delay: 86.846 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.95 Mbit/s

95th percentile per-packet one-way delay: 86.846 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

