

Pantheon Report

Generated at 2018-02-04 12:15:01 (UTC).

Data path: AWS Brazil 2 Ethernet (*local*) → Colombia 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).

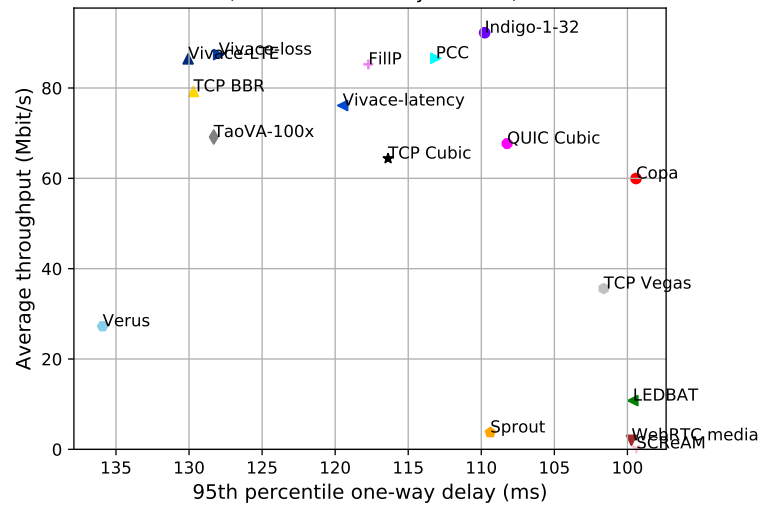
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

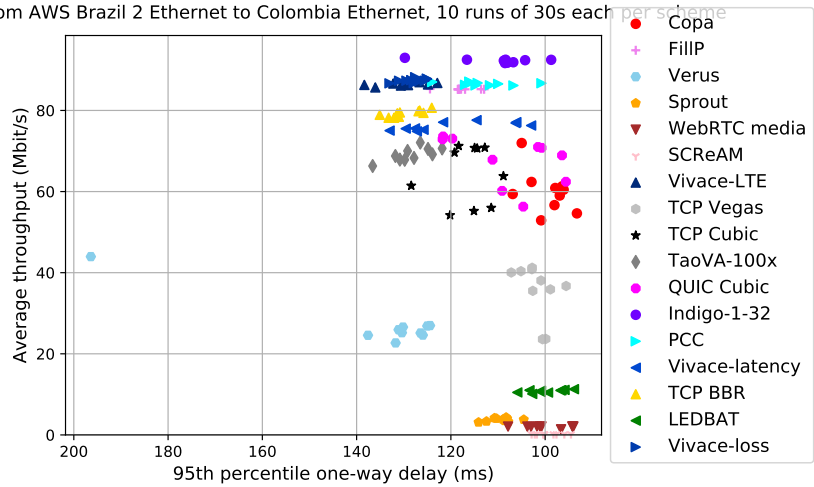
Git summary:

```
branch: master @ 70217998b3c9a7166a95460a70c0854d1326e100
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ fb9c9ab842e5614ad52911a76fb9bd1c1b0dca86
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
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/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	79.24	129.70	2.34
TCP Cubic	10	64.37	116.38	0.48
LEDBAT	10	10.79	99.63	0.04
PCC	10	86.59	113.11	1.57
QUIC Cubic	10	67.70	108.23	0.16
SCReAM	10	0.22	99.39	0.00
WebRTC media	10	2.00	99.72	0.00
Sprout	10	3.74	109.39	0.00
TaoVA-100x	10	69.15	128.31	1.02
TCP Vegas	10	35.59	101.63	0.43
Verus	10	27.25	135.91	20.23
Copa	10	59.96	99.41	0.01
FillP	10	85.24	117.73	3.86
Indigo-1-32	10	92.23	109.77	1.05
Vivace-latency	10	76.12	119.49	0.11
Vivace-loss	10	87.40	127.97	2.47
Vivace-LTE	10	86.45	130.06	2.06

Run 1: Statistics of TCP BBR

Start at: 2018-02-04 07:48:35

End at: 2018-02-04 07:49:05

Local clock offset: -0.116 ms

Remote clock offset: -0.991 ms

Below is generated by plot.py at 2018-02-04 11:54:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.80 Mbit/s

95th percentile per-packet one-way delay: 126.864 ms

Loss rate: 2.05%

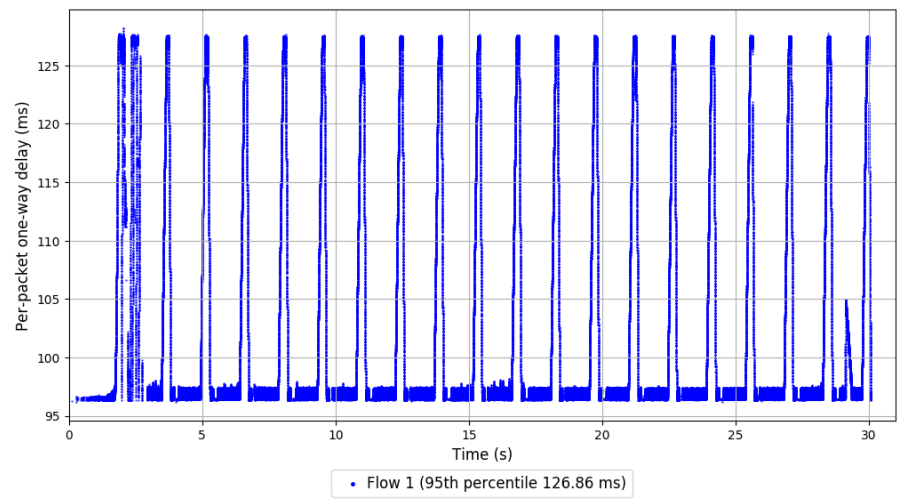
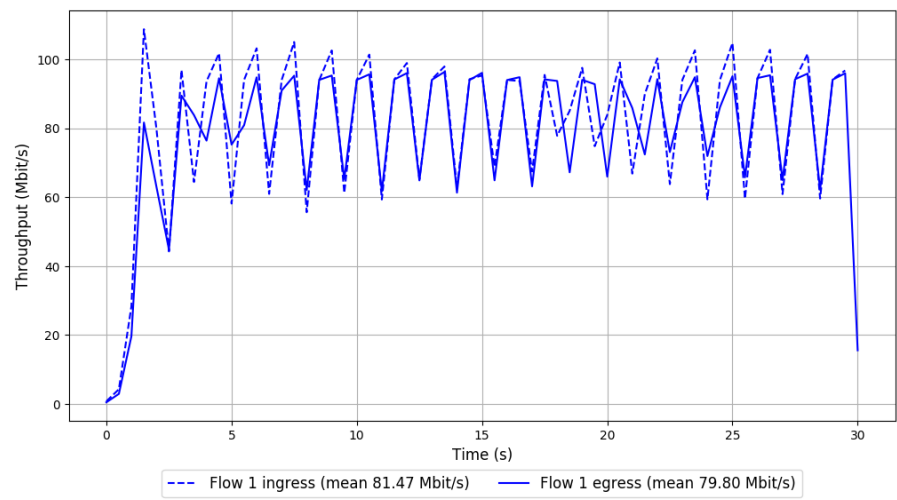
-- Flow 1:

Average throughput: 79.80 Mbit/s

95th percentile per-packet one-way delay: 126.864 ms

Loss rate: 2.05%

Run 1: Report of TCP BBR — Data Link

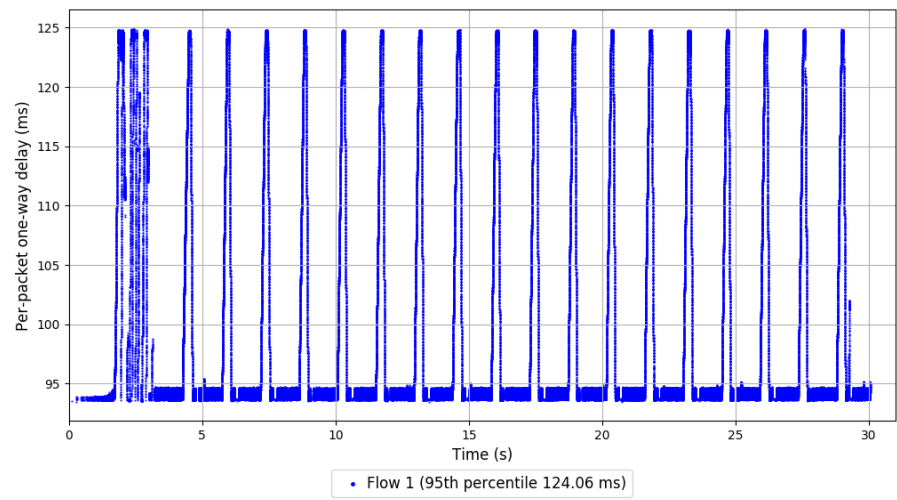
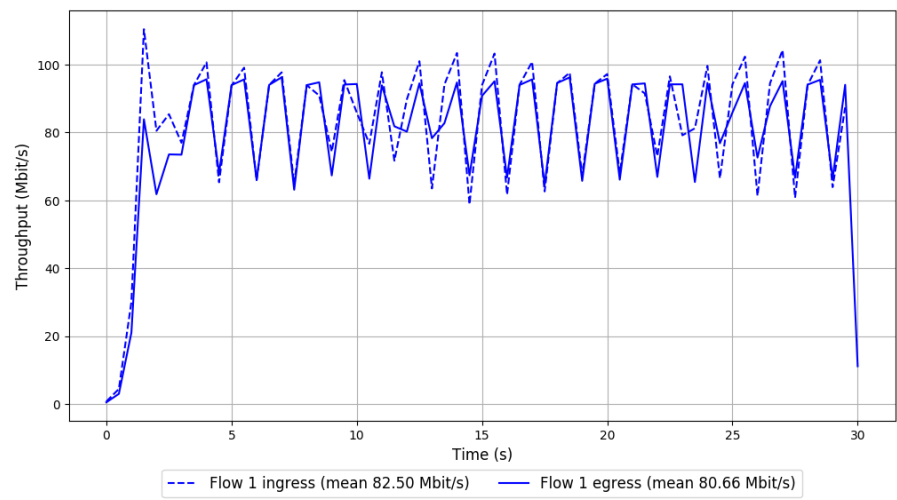


Run 2: Statistics of TCP BBR

Start at: 2018-02-04 08:10:41
End at: 2018-02-04 08:11:11
Local clock offset: -0.198 ms
Remote clock offset: -2.247 ms

Below is generated by plot.py at 2018-02-04 11:54:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.66 Mbit/s
95th percentile per-packet one-way delay: 124.065 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 80.66 Mbit/s
95th percentile per-packet one-way delay: 124.065 ms
Loss rate: 2.22%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-02-04 08:32:57

End at: 2018-02-04 08:33:27

Local clock offset: -0.118 ms

Remote clock offset: 2.913 ms

Below is generated by plot.py at 2018-02-04 11:54:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.20 Mbit/s

95th percentile per-packet one-way delay: 133.213 ms

Loss rate: 2.42%

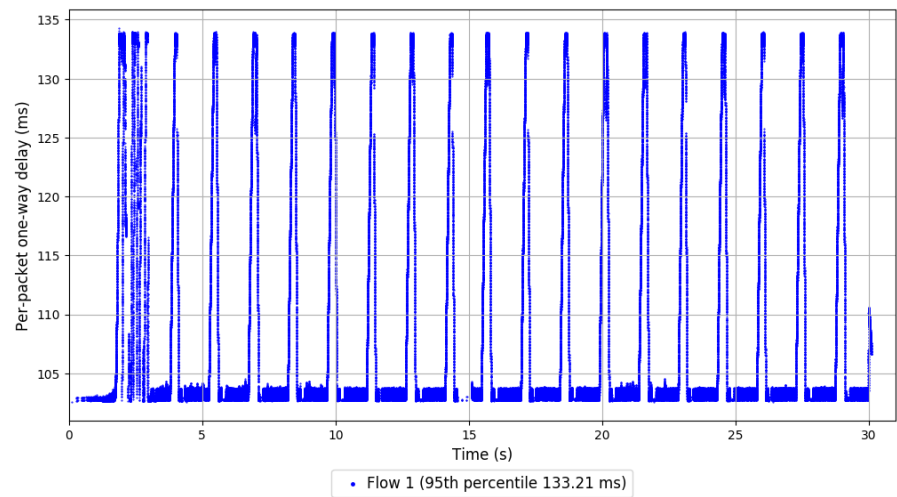
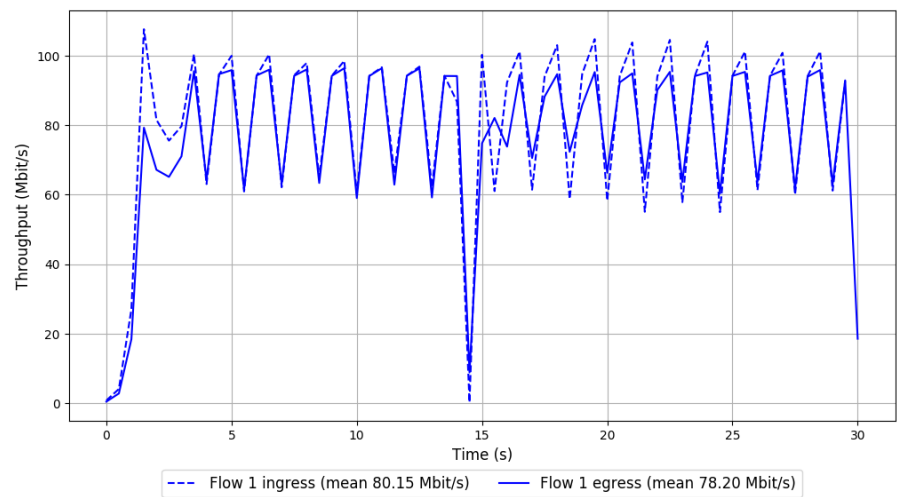
-- Flow 1:

Average throughput: 78.20 Mbit/s

95th percentile per-packet one-way delay: 133.213 ms

Loss rate: 2.42%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-02-04 08:55:33

End at: 2018-02-04 08:56:03

Local clock offset: -0.173 ms

Remote clock offset: 1.528 ms

Below is generated by plot.py at 2018-02-04 11:54:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.44 Mbit/s

95th percentile per-packet one-way delay: 131.049 ms

Loss rate: 2.46%

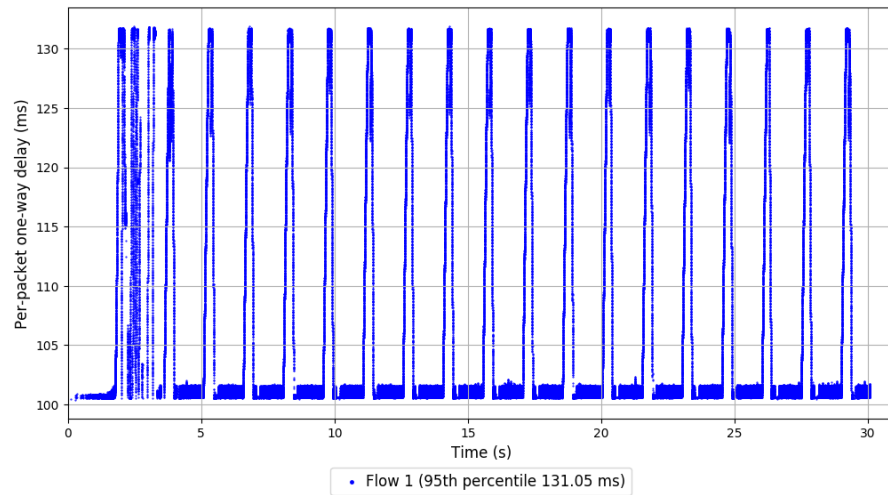
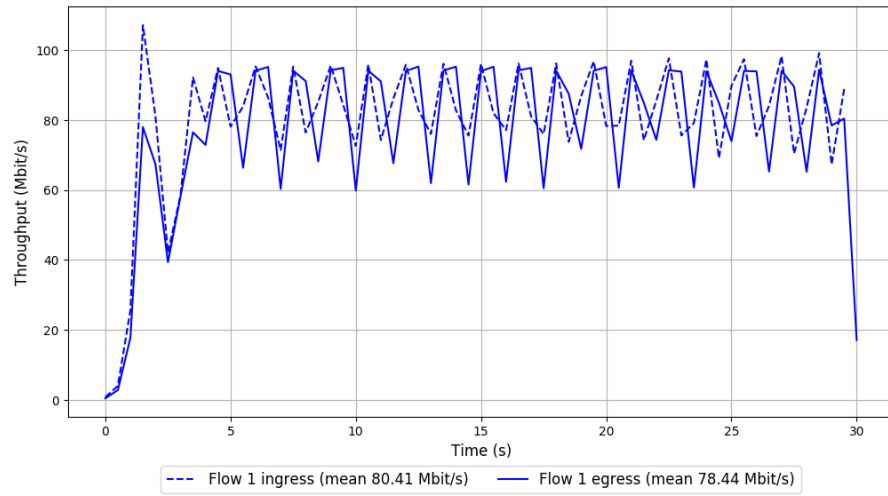
-- Flow 1:

Average throughput: 78.44 Mbit/s

95th percentile per-packet one-way delay: 131.049 ms

Loss rate: 2.46%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-02-04 09:18:21

End at: 2018-02-04 09:18:51

Local clock offset: -0.124 ms

Remote clock offset: 1.858 ms

Below is generated by plot.py at 2018-02-04 11:54:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.30 Mbit/s

95th percentile per-packet one-way delay: 131.361 ms

Loss rate: 2.21%

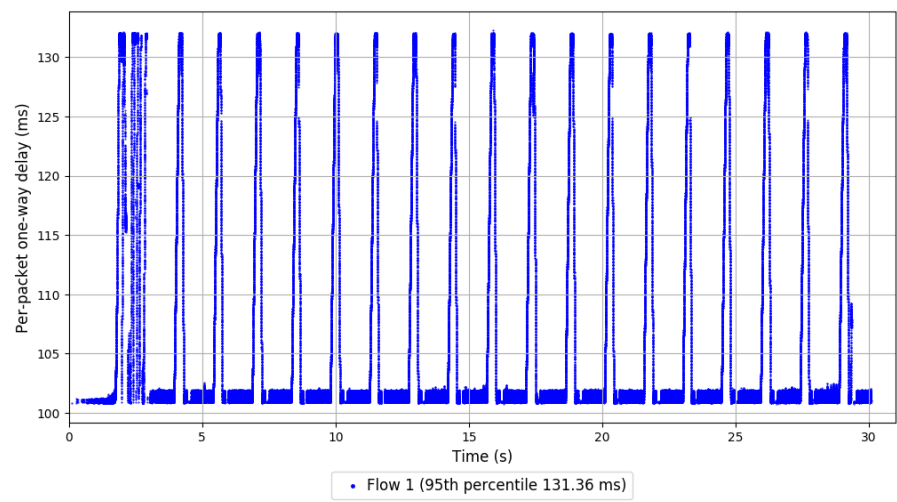
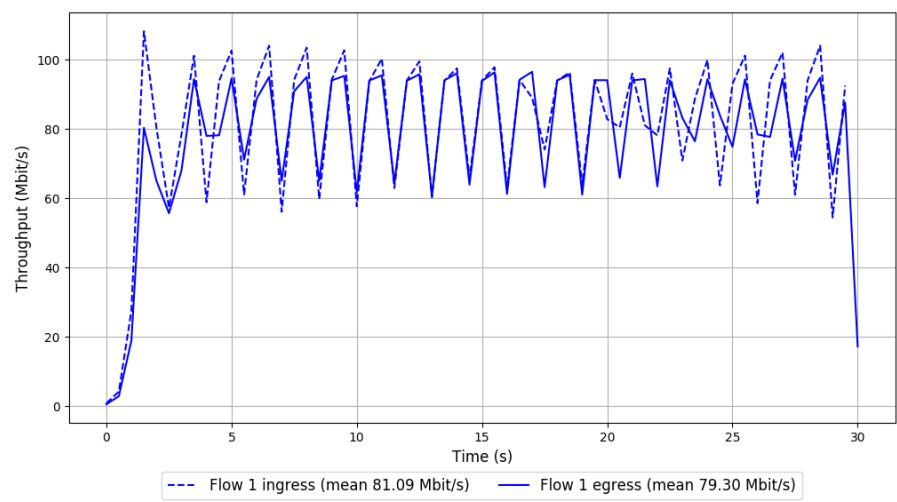
-- Flow 1:

Average throughput: 79.30 Mbit/s

95th percentile per-packet one-way delay: 131.361 ms

Loss rate: 2.21%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-02-04 09:40:56

End at: 2018-02-04 09:41:26

Local clock offset: -0.15 ms

Remote clock offset: 3.284 ms

Below is generated by plot.py at 2018-02-04 11:54:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.21 Mbit/s

95th percentile per-packet one-way delay: 132.059 ms

Loss rate: 2.40%

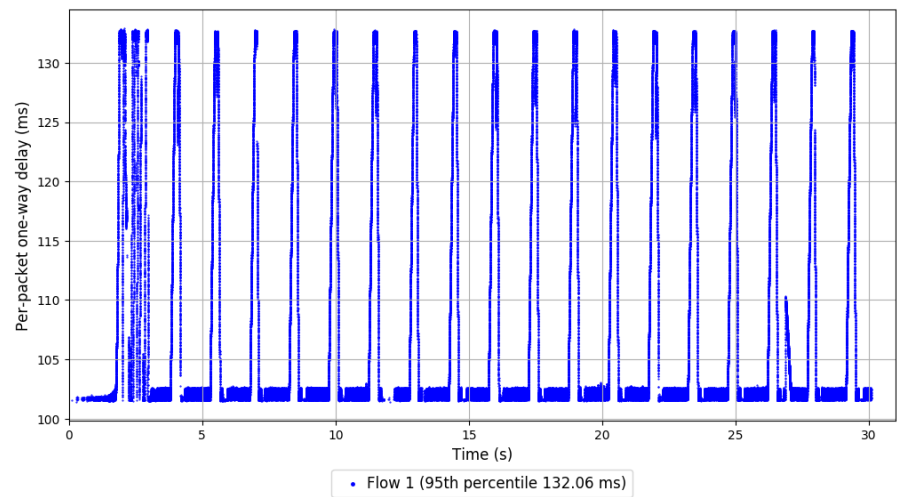
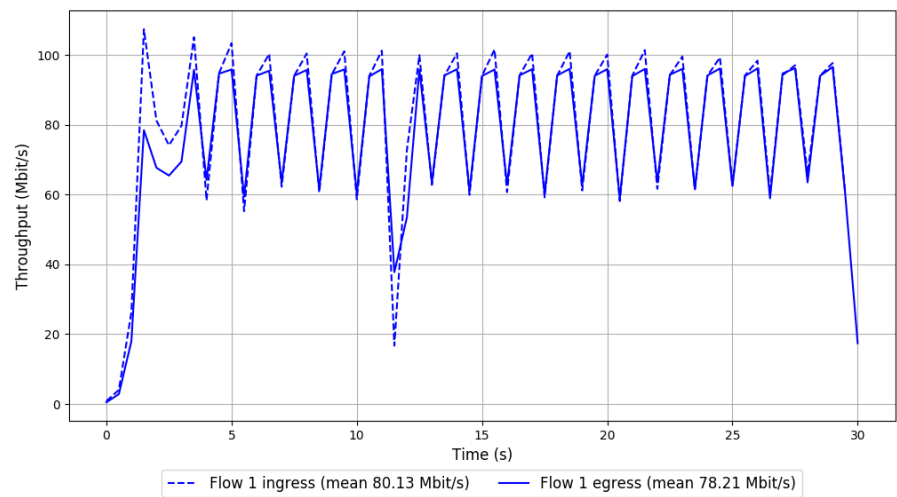
-- Flow 1:

Average throughput: 78.21 Mbit/s

95th percentile per-packet one-way delay: 132.059 ms

Loss rate: 2.40%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-02-04 10:03:21

End at: 2018-02-04 10:03:51

Local clock offset: -0.137 ms

Remote clock offset: 3.029 ms

Below is generated by plot.py at 2018-02-04 11:54:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.51 Mbit/s

95th percentile per-packet one-way delay: 130.820 ms

Loss rate: 2.32%

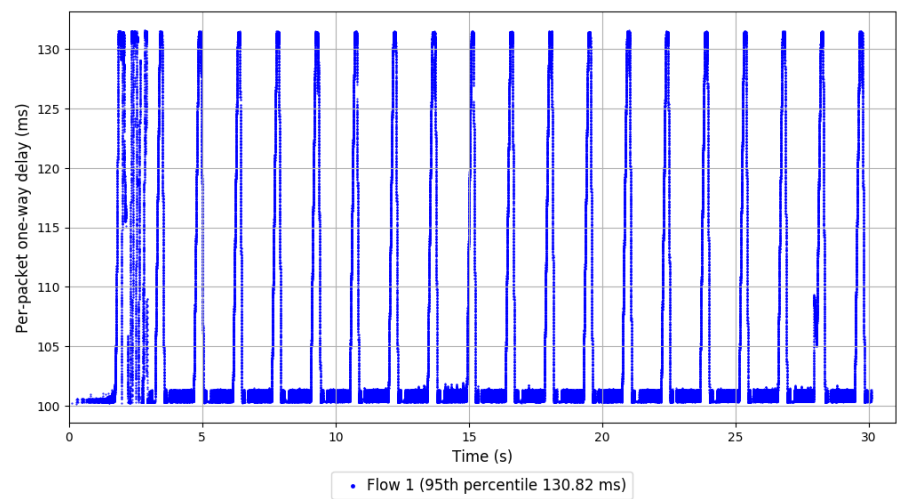
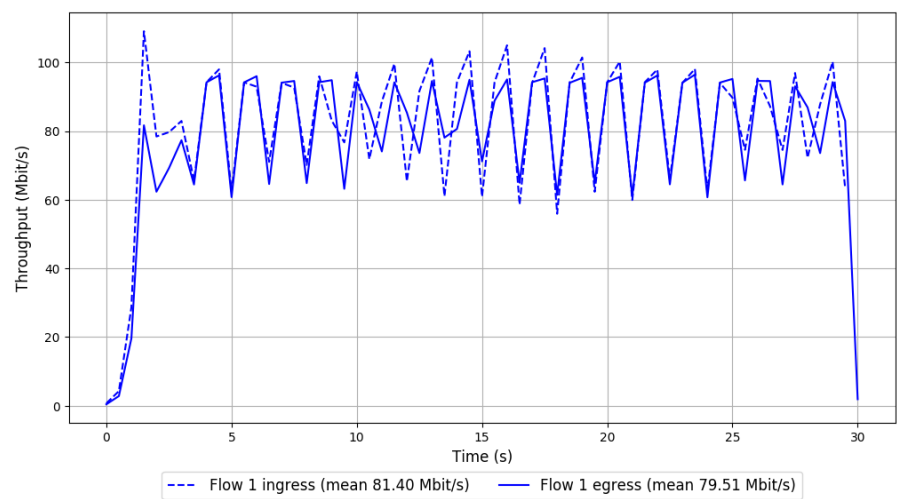
-- Flow 1:

Average throughput: 79.51 Mbit/s

95th percentile per-packet one-way delay: 130.820 ms

Loss rate: 2.32%

Run 7: Report of TCP BBR — Data Link

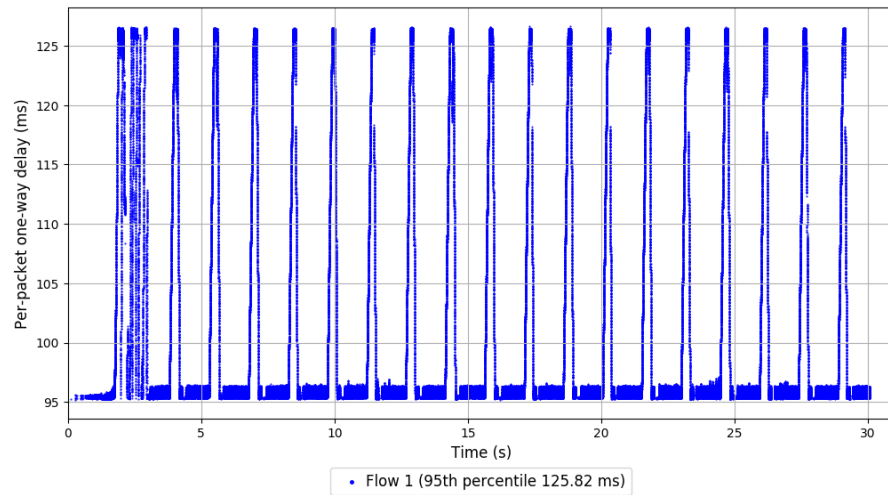
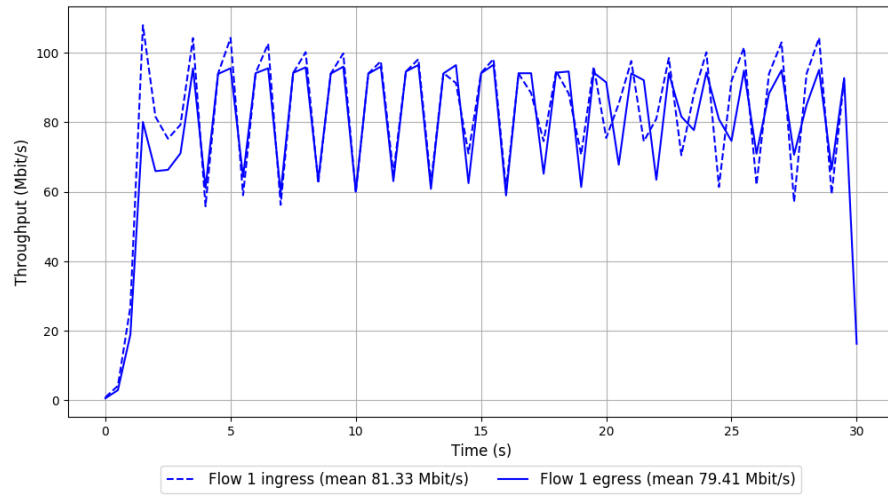


Run 8: Statistics of TCP BBR

Start at: 2018-02-04 10:25:35
End at: 2018-02-04 10:26:05
Local clock offset: -0.132 ms
Remote clock offset: -2.833 ms

Below is generated by plot.py at 2018-02-04 11:54:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.41 Mbit/s
95th percentile per-packet one-way delay: 125.818 ms
Loss rate: 2.37%
-- Flow 1:
Average throughput: 79.41 Mbit/s
95th percentile per-packet one-way delay: 125.818 ms
Loss rate: 2.37%

Run 8: Report of TCP BBR — Data Link

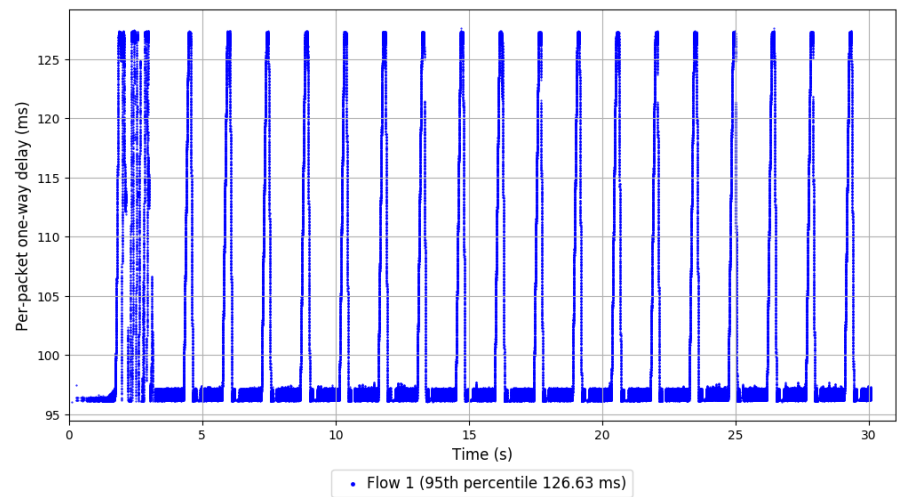
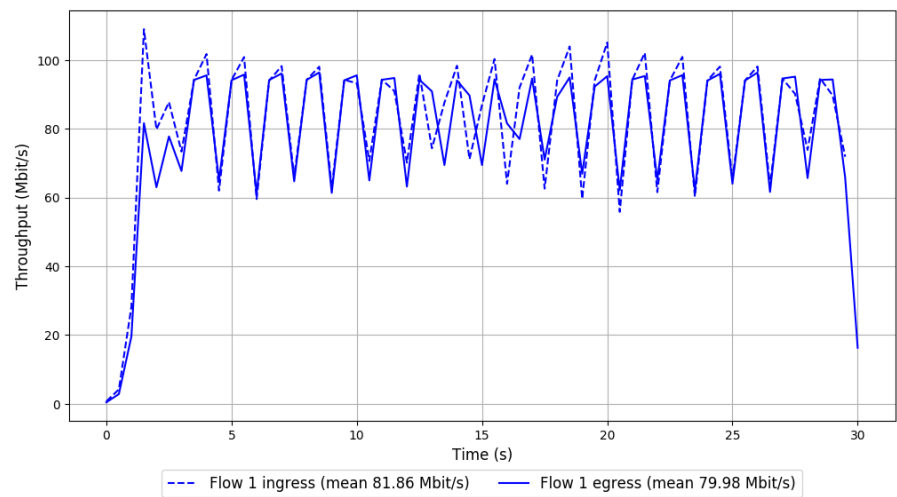


Run 9: Statistics of TCP BBR

Start at: 2018-02-04 10:47:48
End at: 2018-02-04 10:48:18
Local clock offset: -0.113 ms
Remote clock offset: -1.437 ms

Below is generated by plot.py at 2018-02-04 11:55:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.98 Mbit/s
95th percentile per-packet one-way delay: 126.632 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 79.98 Mbit/s
95th percentile per-packet one-way delay: 126.632 ms
Loss rate: 2.29%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-02-04 11:09:56

End at: 2018-02-04 11:10:26

Local clock offset: -0.103 ms

Remote clock offset: 2.39 ms

Below is generated by plot.py at 2018-02-04 11:55:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.93 Mbit/s

95th percentile per-packet one-way delay: 135.090 ms

Loss rate: 2.66%

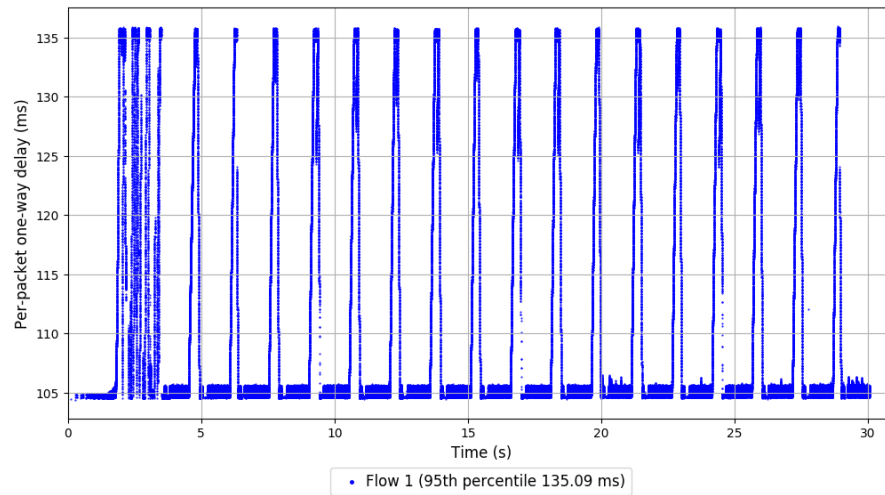
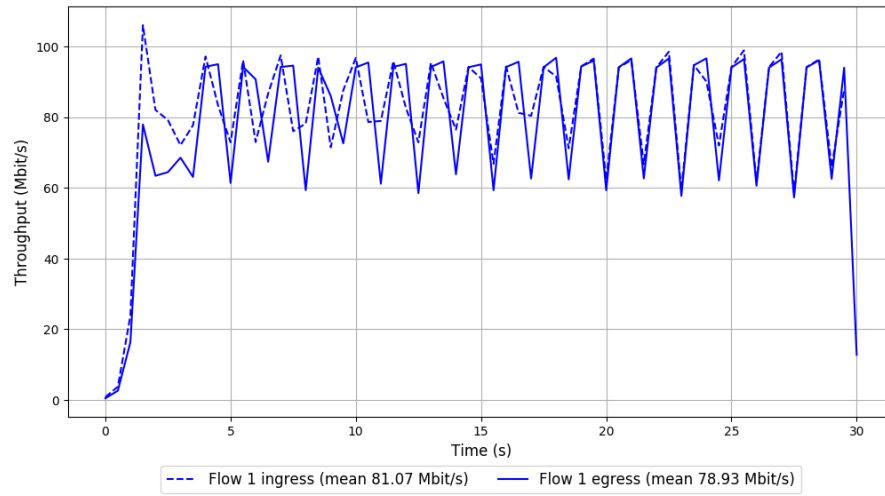
-- Flow 1:

Average throughput: 78.93 Mbit/s

95th percentile per-packet one-way delay: 135.090 ms

Loss rate: 2.66%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-02-04 08:05:46

End at: 2018-02-04 08:06:16

Local clock offset: -0.138 ms

Remote clock offset: -2.16 ms

Below is generated by plot.py at 2018-02-04 11:55:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.17 Mbit/s

95th percentile per-packet one-way delay: 120.176 ms

Loss rate: 0.75%

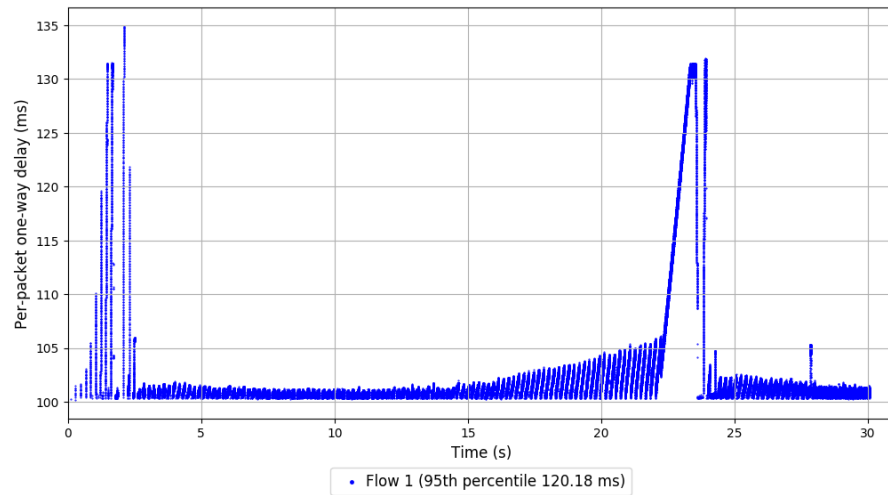
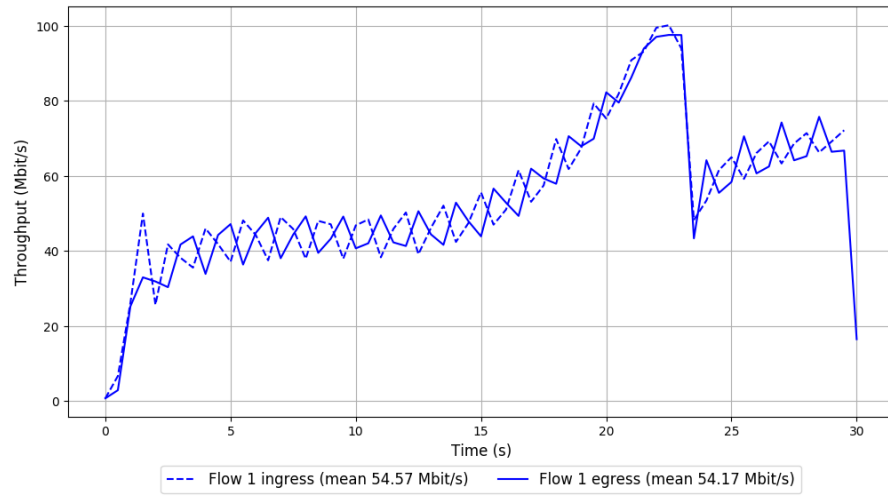
-- Flow 1:

Average throughput: 54.17 Mbit/s

95th percentile per-packet one-way delay: 120.176 ms

Loss rate: 0.75%

Run 1: Report of TCP Cubic — Data Link

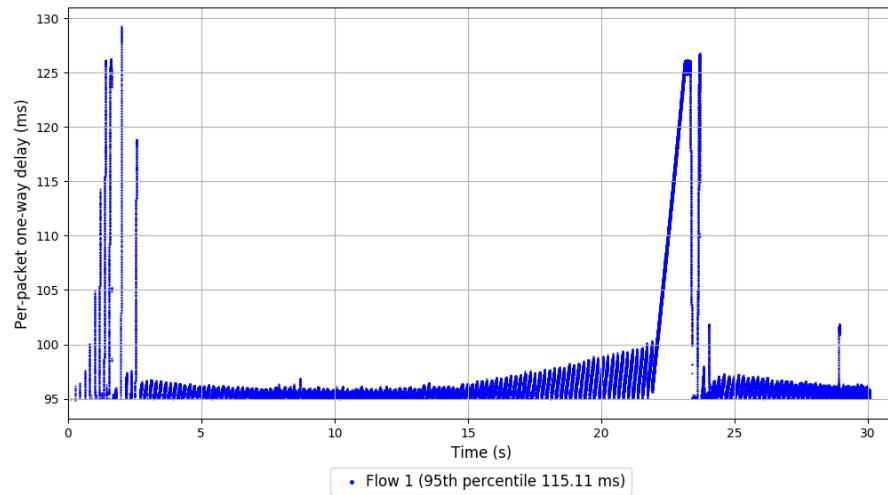
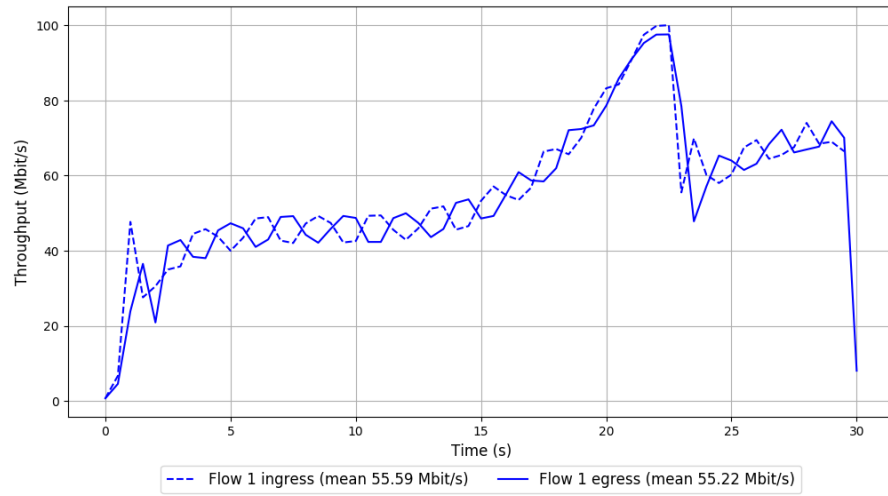


Run 2: Statistics of TCP Cubic

Start at: 2018-02-04 08:28:01
End at: 2018-02-04 08:28:31
Local clock offset: -0.123 ms
Remote clock offset: -2.566 ms

Below is generated by plot.py at 2018-02-04 11:55:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.22 Mbit/s
95th percentile per-packet one-way delay: 115.106 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 55.22 Mbit/s
95th percentile per-packet one-way delay: 115.106 ms
Loss rate: 0.67%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-02-04 08:50:27

End at: 2018-02-04 08:50:57

Local clock offset: -0.166 ms

Remote clock offset: 3.266 ms

Below is generated by plot.py at 2018-02-04 11:55:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.81 Mbit/s

95th percentile per-packet one-way delay: 108.854 ms

Loss rate: 0.19%

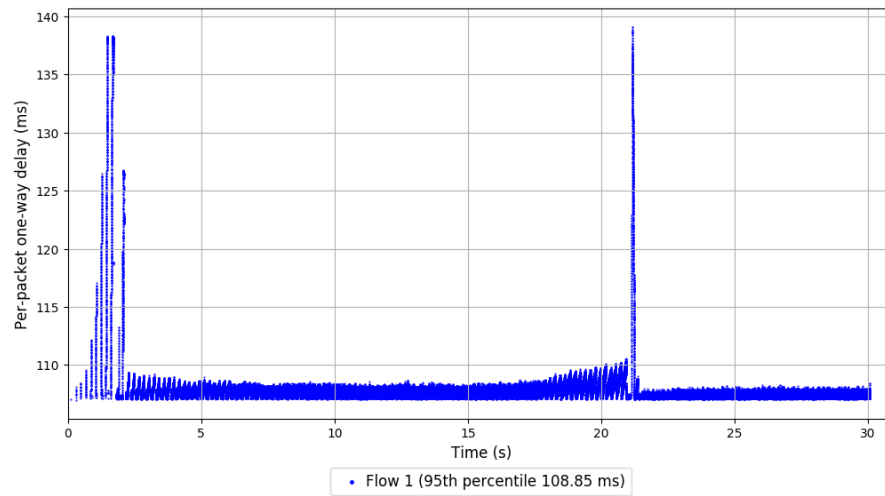
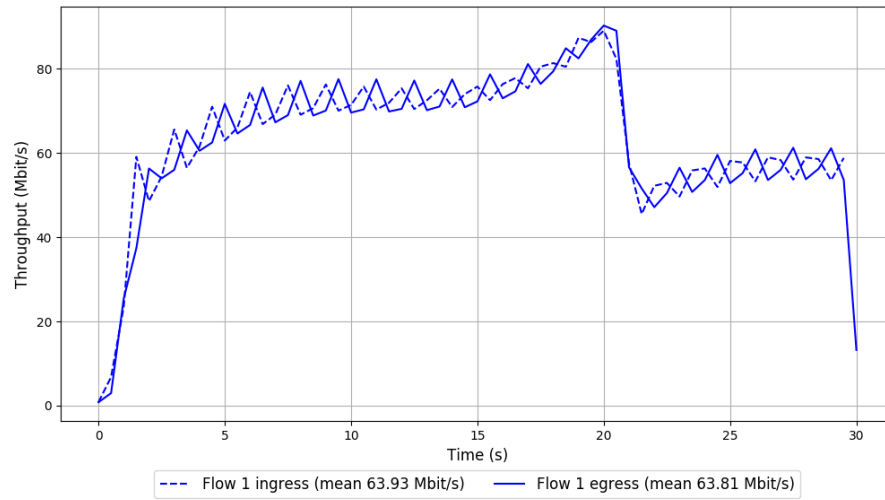
-- Flow 1:

Average throughput: 63.81 Mbit/s

95th percentile per-packet one-way delay: 108.854 ms

Loss rate: 0.19%

Run 3: Report of TCP Cubic — Data Link

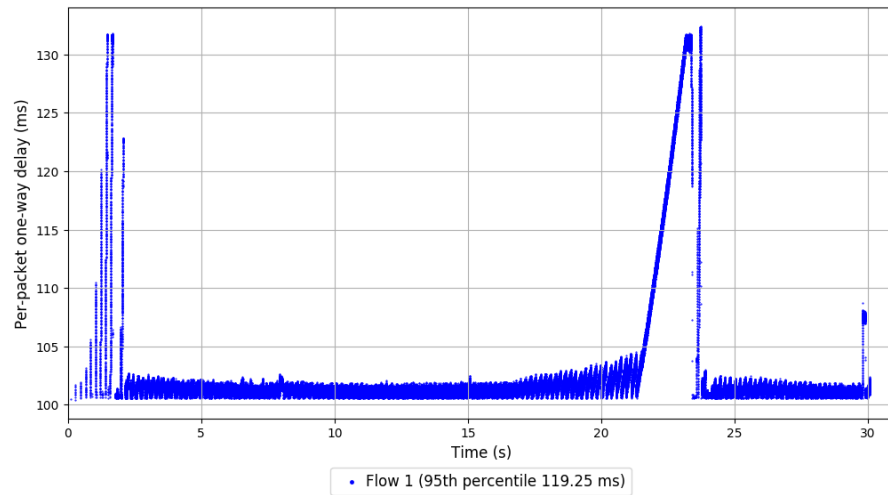
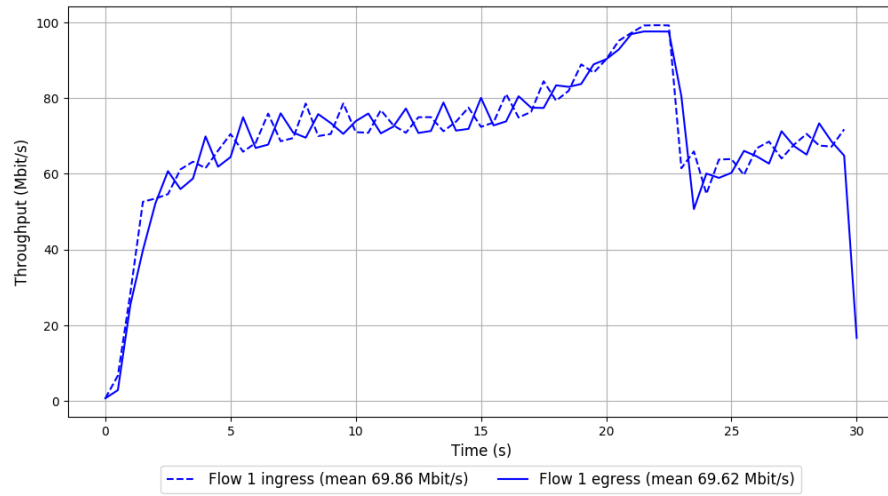


Run 4: Statistics of TCP Cubic

Start at: 2018-02-04 09:13:24
End at: 2018-02-04 09:13:54
Local clock offset: -0.114 ms
Remote clock offset: -3.914 ms

Below is generated by plot.py at 2018-02-04 11:55:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.62 Mbit/s
95th percentile per-packet one-way delay: 119.245 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 69.62 Mbit/s
95th percentile per-packet one-way delay: 119.245 ms
Loss rate: 0.37%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-02-04 09:35:53

End at: 2018-02-04 09:36:23

Local clock offset: -0.159 ms

Remote clock offset: 1.651 ms

Below is generated by plot.py at 2018-02-04 11:55:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.45 Mbit/s

95th percentile per-packet one-way delay: 128.411 ms

Loss rate: 0.85%

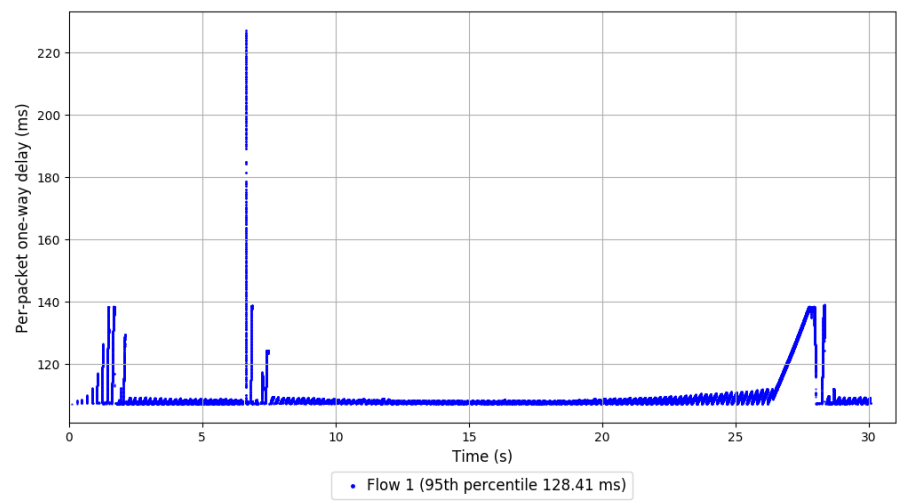
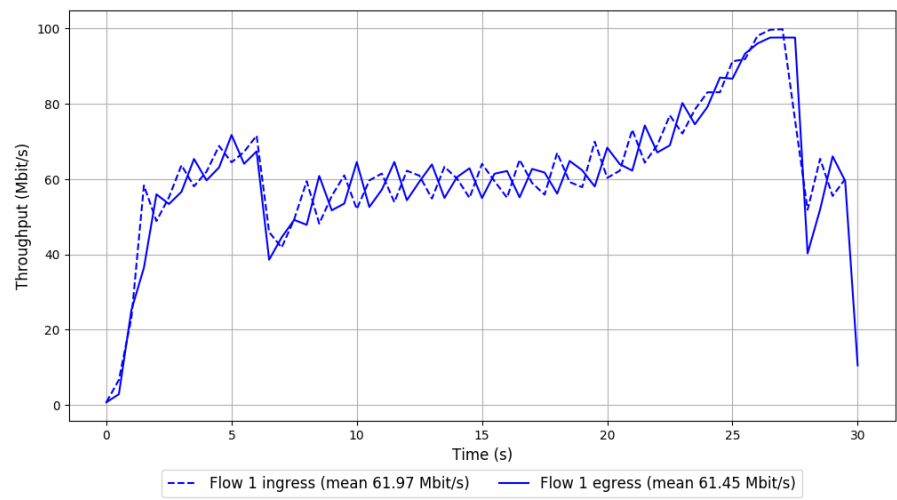
-- Flow 1:

Average throughput: 61.45 Mbit/s

95th percentile per-packet one-way delay: 128.411 ms

Loss rate: 0.85%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-02-04 09:58:25

End at: 2018-02-04 09:58:55

Local clock offset: -0.234 ms

Remote clock offset: 2.325 ms

Below is generated by plot.py at 2018-02-04 11:55:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.25 Mbit/s

95th percentile per-packet one-way delay: 118.354 ms

Loss rate: 0.36%

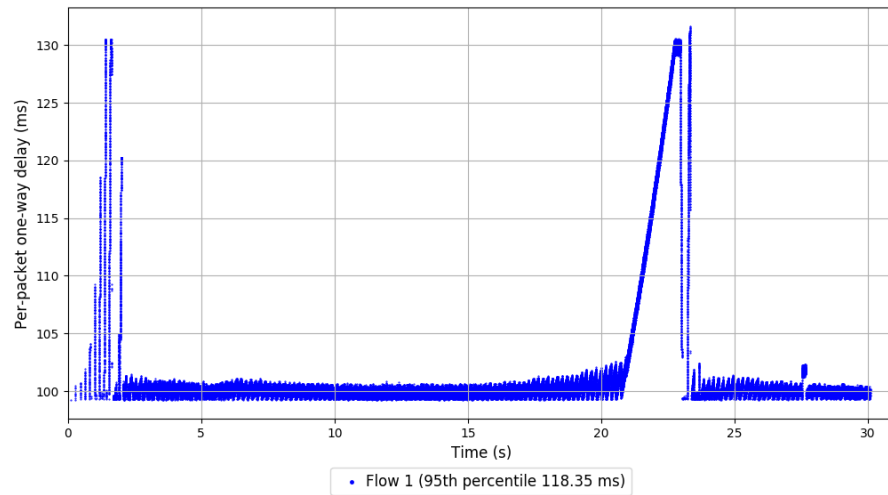
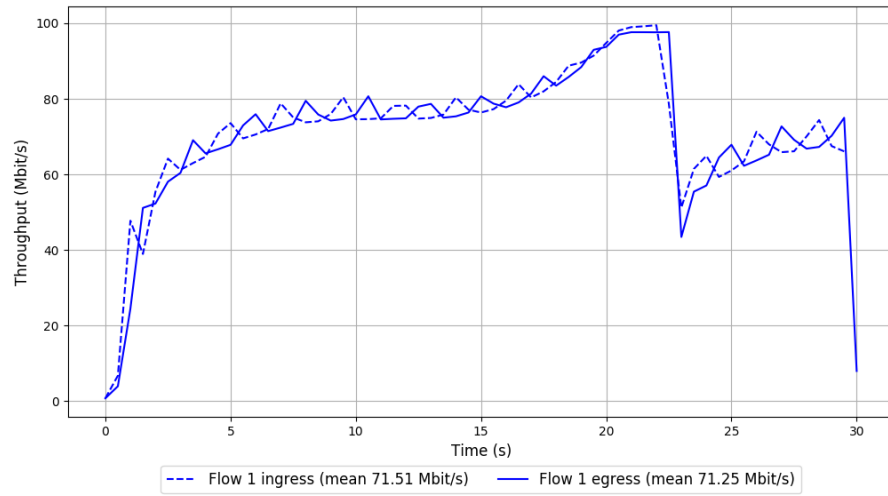
-- Flow 1:

Average throughput: 71.25 Mbit/s

95th percentile per-packet one-way delay: 118.354 ms

Loss rate: 0.36%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-02-04 10:20:39

End at: 2018-02-04 10:21:09

Local clock offset: -0.147 ms

Remote clock offset: -3.05 ms

Below is generated by plot.py at 2018-02-04 11:56:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.83 Mbit/s

95th percentile per-packet one-way delay: 112.807 ms

Loss rate: 0.37%

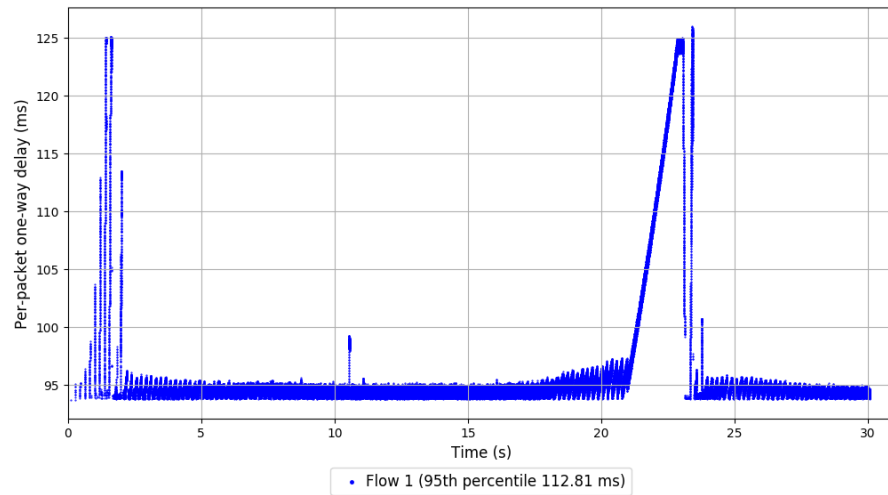
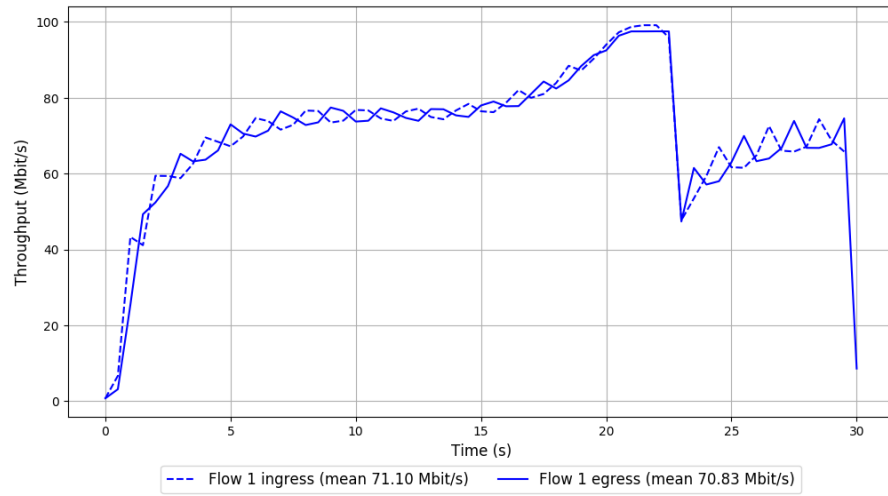
-- Flow 1:

Average throughput: 70.83 Mbit/s

95th percentile per-packet one-way delay: 112.807 ms

Loss rate: 0.37%

Run 7: Report of TCP Cubic — Data Link

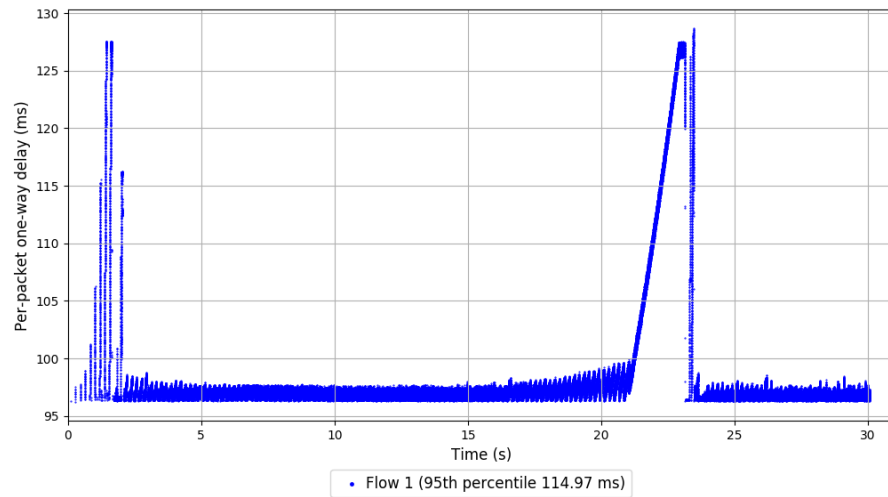
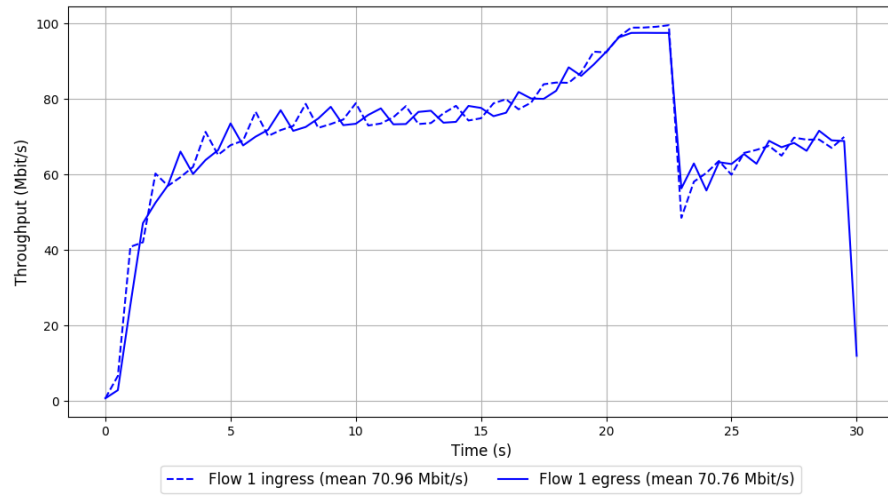


Run 8: Statistics of TCP Cubic

Start at: 2018-02-04 10:42:50
End at: 2018-02-04 10:43:20
Local clock offset: -0.139 ms
Remote clock offset: -1.711 ms

Below is generated by plot.py at 2018-02-04 11:56:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.76 Mbit/s
95th percentile per-packet one-way delay: 114.973 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 70.76 Mbit/s
95th percentile per-packet one-way delay: 114.973 ms
Loss rate: 0.28%

Run 8: Report of TCP Cubic — Data Link

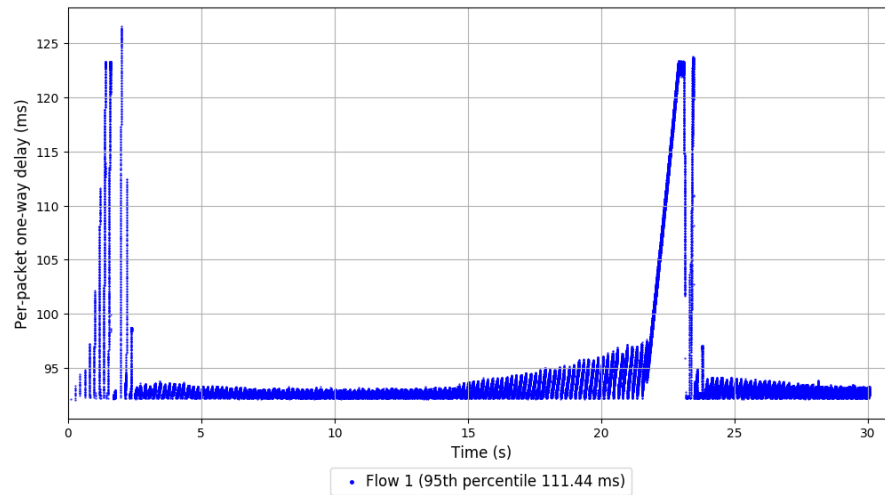
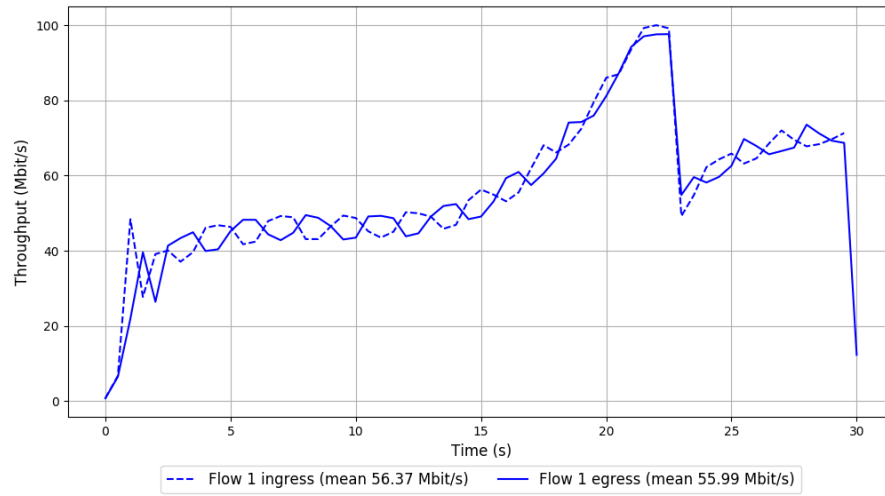


Run 9: Statistics of TCP Cubic

Start at: 2018-02-04 11:05:00
End at: 2018-02-04 11:05:30
Local clock offset: -0.113 ms
Remote clock offset: -3.037 ms

Below is generated by plot.py at 2018-02-04 11:56:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 111.439 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 111.439 ms
Loss rate: 0.67%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-02-04 11:27:10

End at: 2018-02-04 11:27:40

Local clock offset: -0.087 ms

Remote clock offset: -3.975 ms

Below is generated by plot.py at 2018-02-04 11:56:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.65 Mbit/s

95th percentile per-packet one-way delay: 114.423 ms

Loss rate: 0.30%

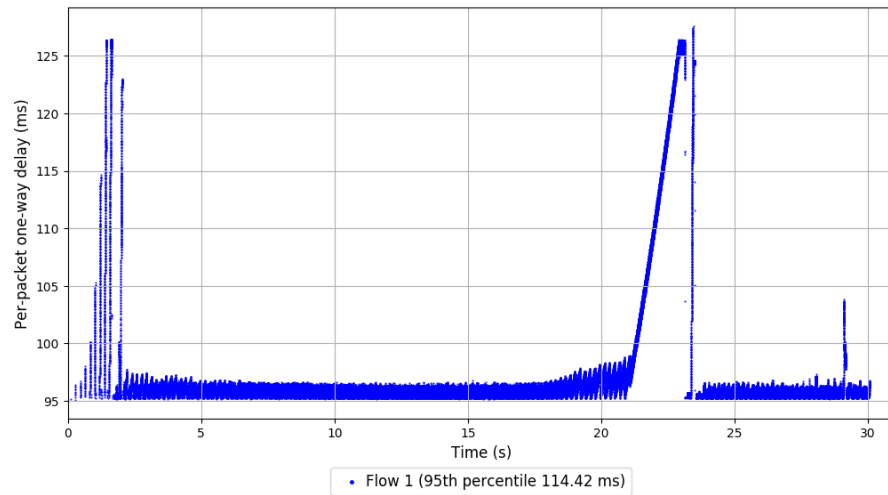
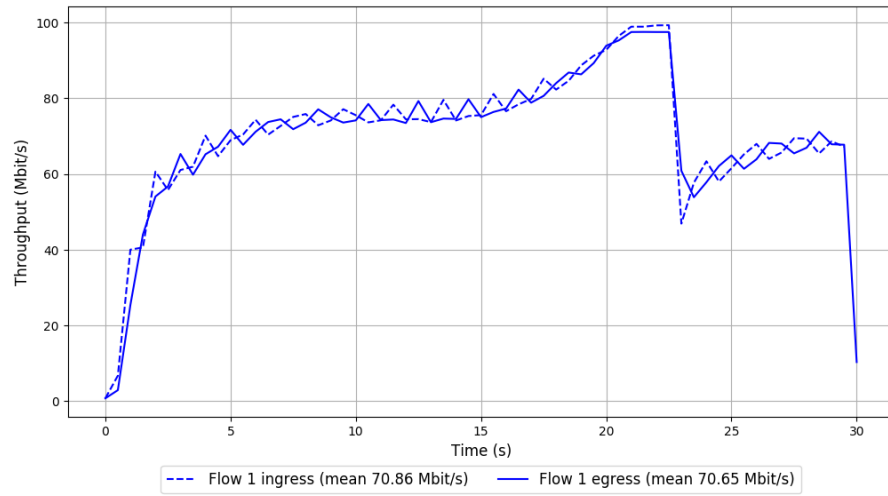
-- Flow 1:

Average throughput: 70.65 Mbit/s

95th percentile per-packet one-way delay: 114.423 ms

Loss rate: 0.30%

Run 10: Report of TCP Cubic — Data Link

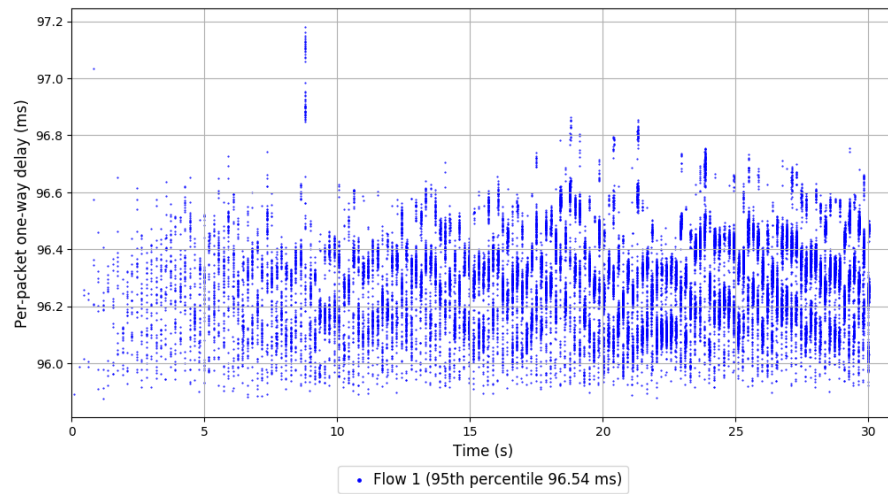
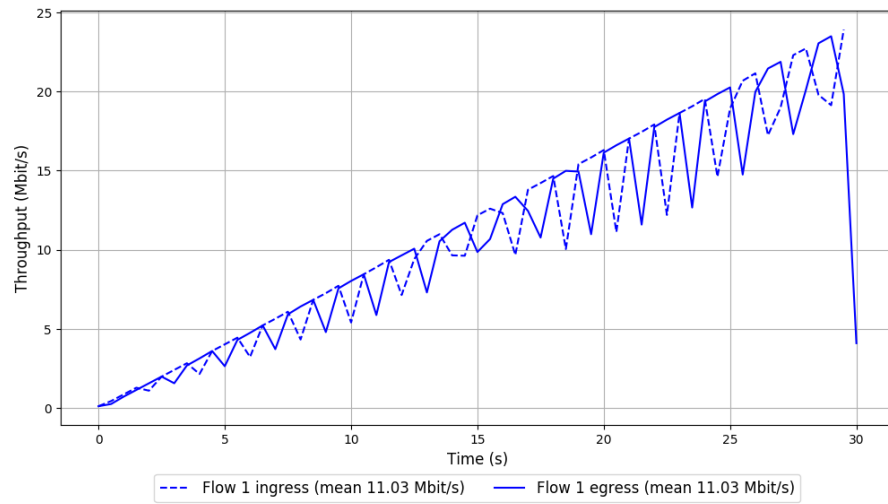


Run 1: Statistics of LEDBAT

Start at: 2018-02-04 07:49:50
End at: 2018-02-04 07:50:20
Local clock offset: -0.12 ms
Remote clock offset: -0.926 ms

Below is generated by plot.py at 2018-02-04 11:56:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 96.542 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 96.542 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

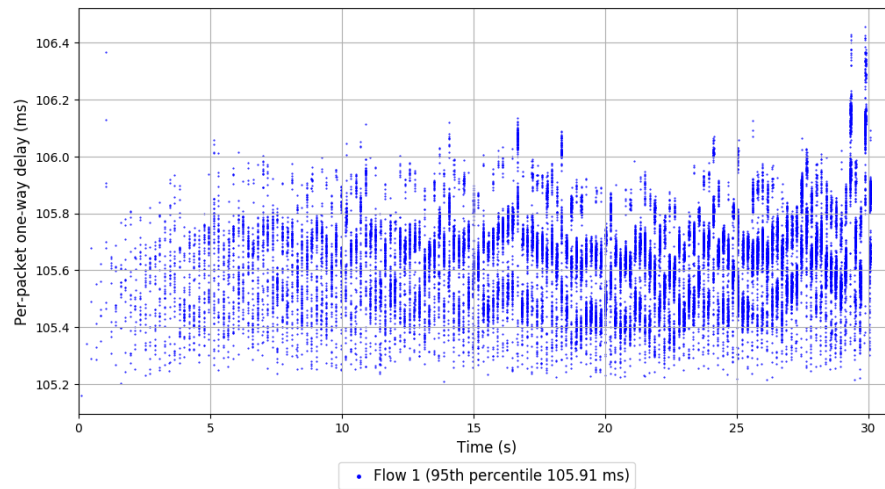
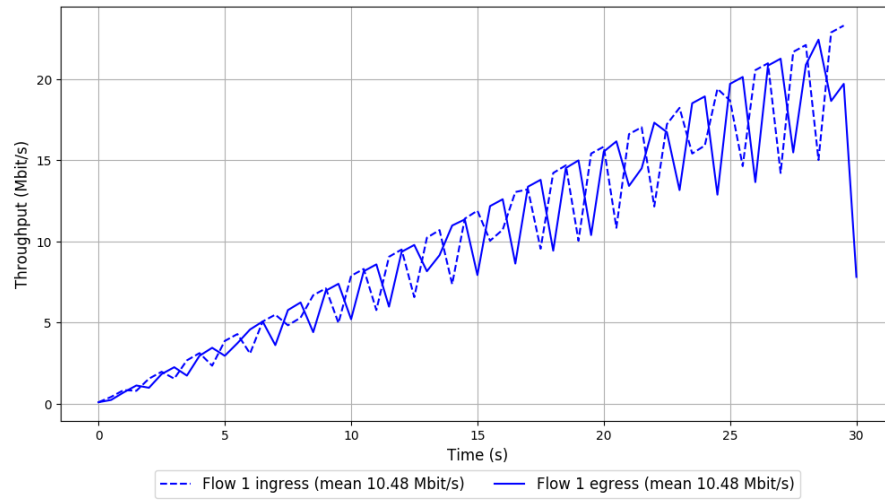


```
Run 2: Statistics of LEDBAT

Start at: 2018-02-04 08:11:55
End at: 2018-02-04 08:12:25
Local clock offset: -0.152 ms
Remote clock offset: 2.631 ms

# Below is generated by plot.py at 2018-02-04 11:56:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.48 Mbit/s
95th percentile per-packet one-way delay: 105.912 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.48 Mbit/s
95th percentile per-packet one-way delay: 105.912 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-02-04 08:34:11

End at: 2018-02-04 08:34:41

Local clock offset: -0.154 ms

Remote clock offset: 2.866 ms

Below is generated by plot.py at 2018-02-04 11:56:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.02 Mbit/s

95th percentile per-packet one-way delay: 103.333 ms

Loss rate: 0.00%

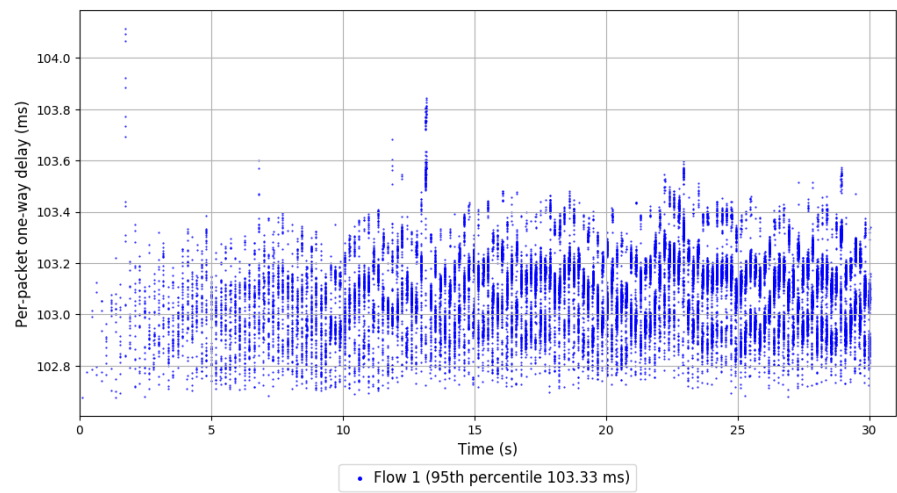
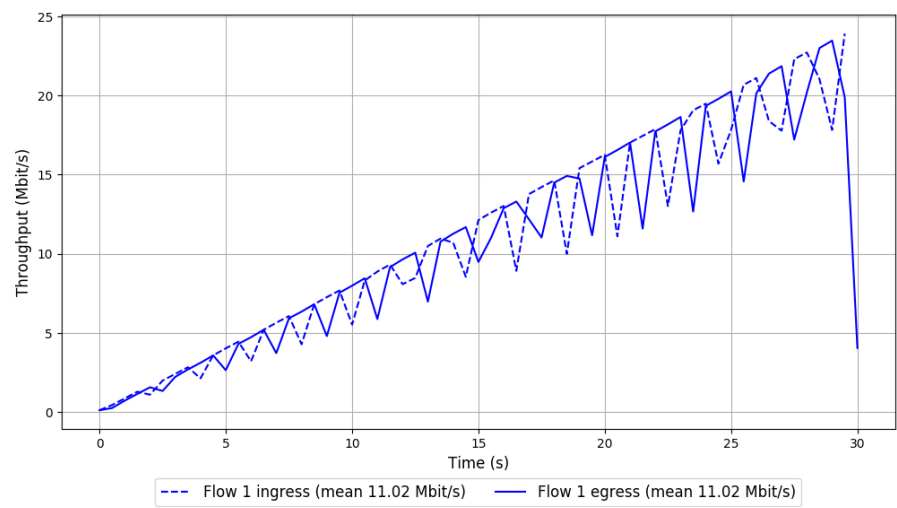
-- Flow 1:

Average throughput: 11.02 Mbit/s

95th percentile per-packet one-way delay: 103.333 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

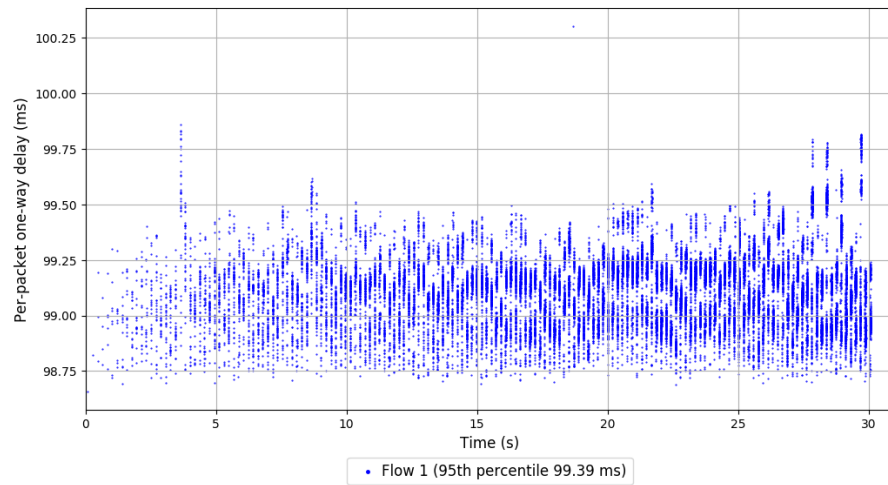
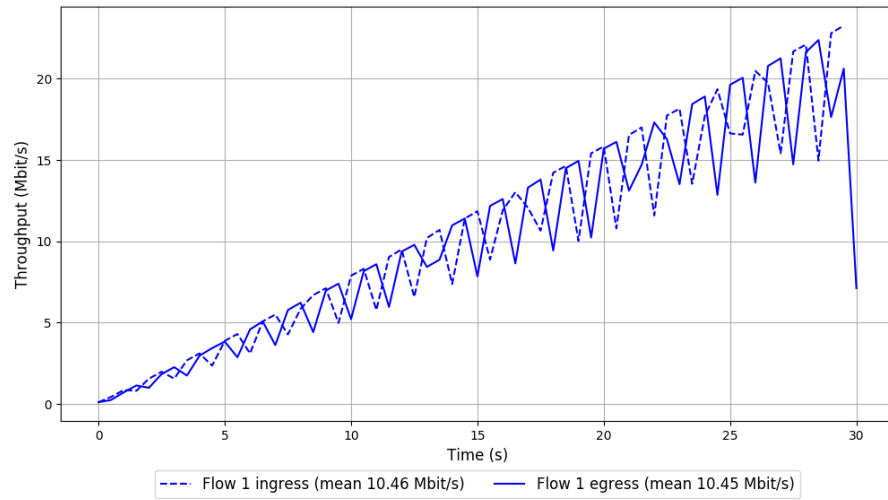


Run 4: Statistics of LEDBAT

Start at: 2018-02-04 08:56:52
End at: 2018-02-04 08:57:22
Local clock offset: -0.08 ms
Remote clock offset: -3.341 ms

Below is generated by plot.py at 2018-02-04 11:56:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.45 Mbit/s
95th percentile per-packet one-way delay: 99.393 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 10.45 Mbit/s
95th percentile per-packet one-way delay: 99.393 ms
Loss rate: 0.11%

Run 4: Report of LEDBAT — Data Link

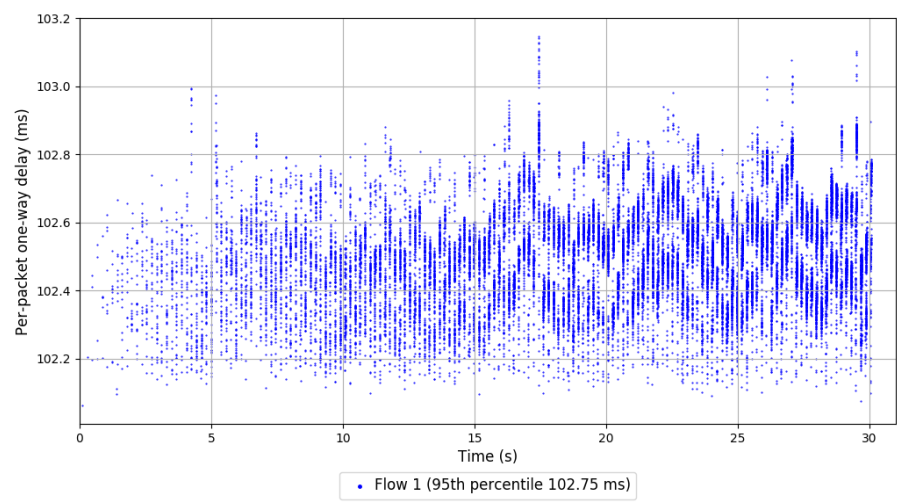
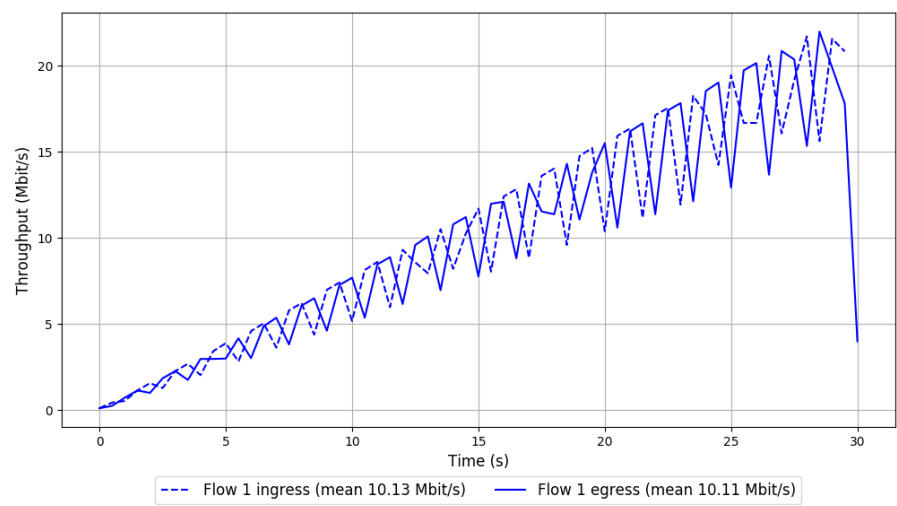


Run 5: Statistics of LEDBAT

Start at: 2018-02-04 09:19:37
End at: 2018-02-04 09:20:07
Local clock offset: -0.131 ms
Remote clock offset: -3.667 ms

Below is generated by plot.py at 2018-02-04 11:56:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.11 Mbit/s
95th percentile per-packet one-way delay: 102.753 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 10.11 Mbit/s
95th percentile per-packet one-way delay: 102.753 ms
Loss rate: 0.27%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-02-04 09:42:10

End at: 2018-02-04 09:42:40

Local clock offset: -0.137 ms

Remote clock offset: 1.664 ms

Below is generated by plot.py at 2018-02-04 11:56:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.90 Mbit/s

95th percentile per-packet one-way delay: 100.887 ms

Loss rate: 0.00%

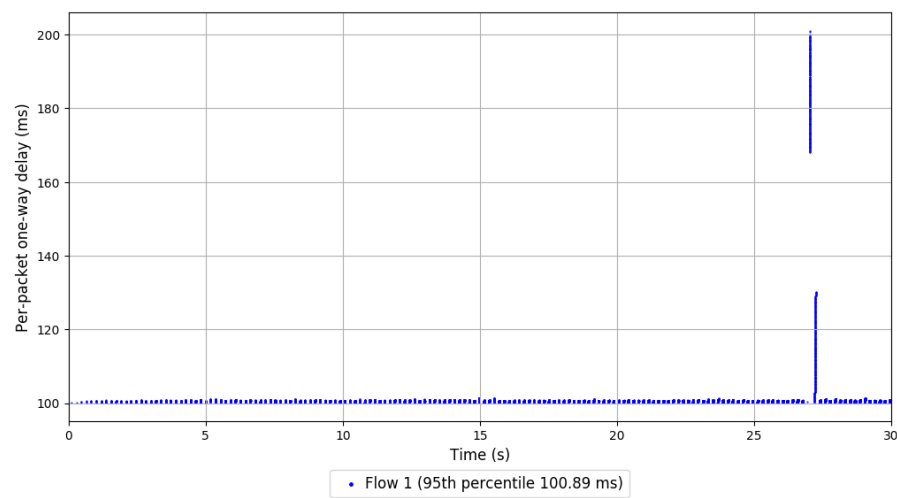
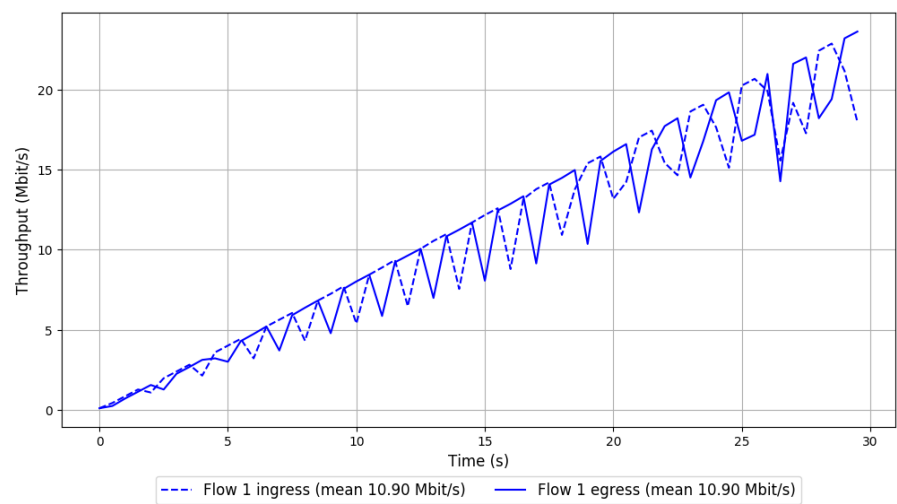
-- Flow 1:

Average throughput: 10.90 Mbit/s

95th percentile per-packet one-way delay: 100.887 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-02-04 10:04:36

End at: 2018-02-04 10:05:06

Local clock offset: -0.15 ms

Remote clock offset: -3.54 ms

Below is generated by plot.py at 2018-02-04 11:56:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.10 Mbit/s

95th percentile per-packet one-way delay: 95.892 ms

Loss rate: 0.00%

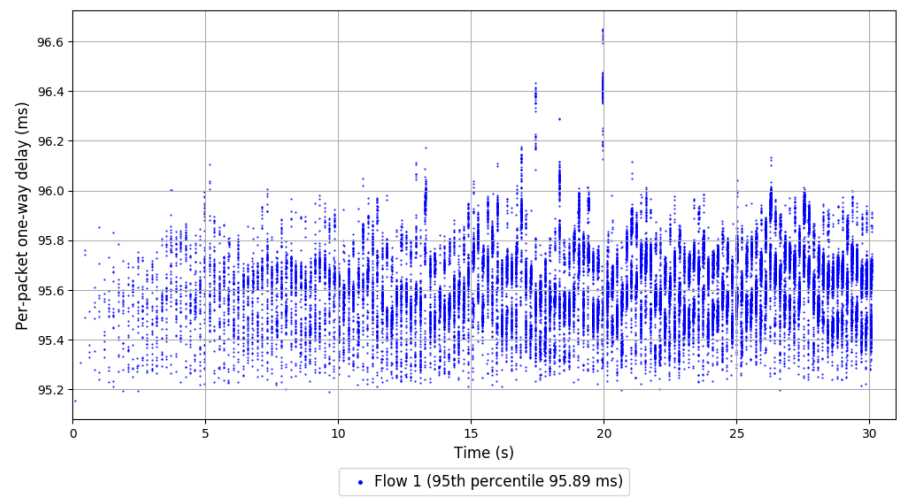
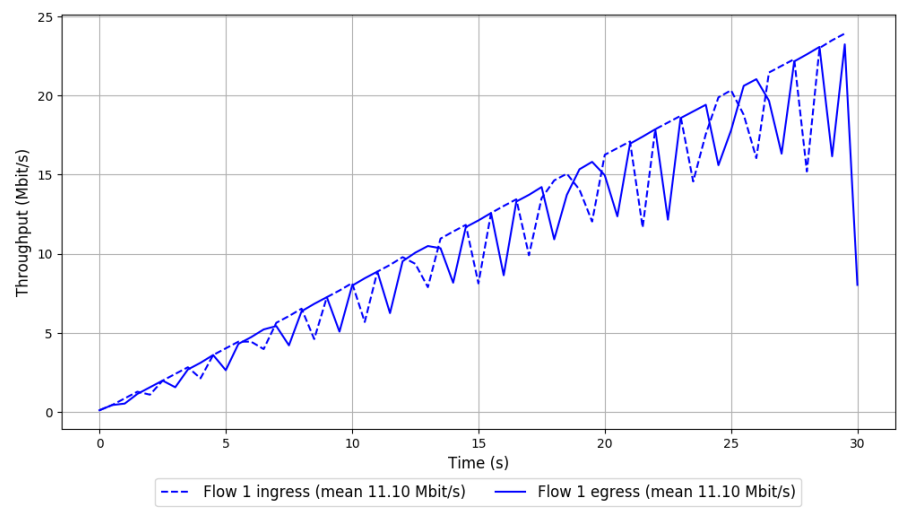
-- Flow 1:

Average throughput: 11.10 Mbit/s

95th percentile per-packet one-way delay: 95.892 ms

Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

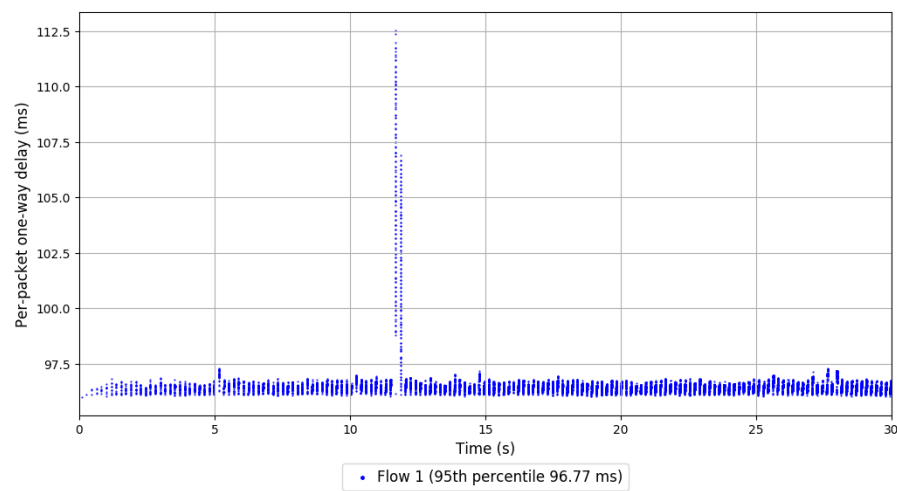
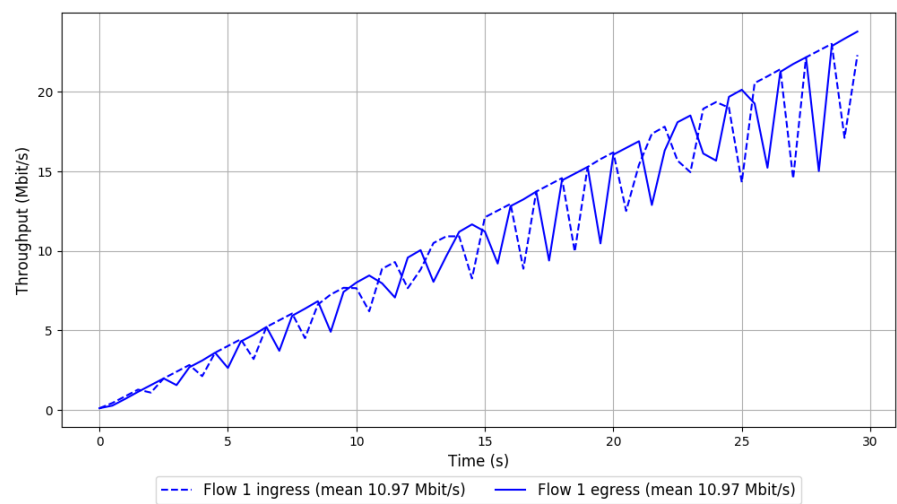


Run 8: Statistics of LEDBAT

Start at: 2018-02-04 10:26:49
End at: 2018-02-04 10:27:19
Local clock offset: -0.196 ms
Remote clock offset: -2.049 ms

Below is generated by plot.py at 2018-02-04 11:56:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.97 Mbit/s
95th percentile per-packet one-way delay: 96.767 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.97 Mbit/s
95th percentile per-packet one-way delay: 96.767 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

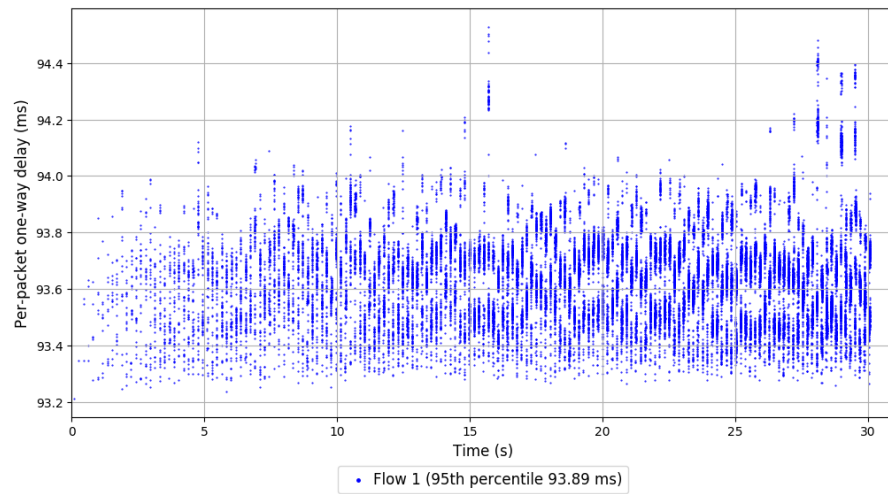
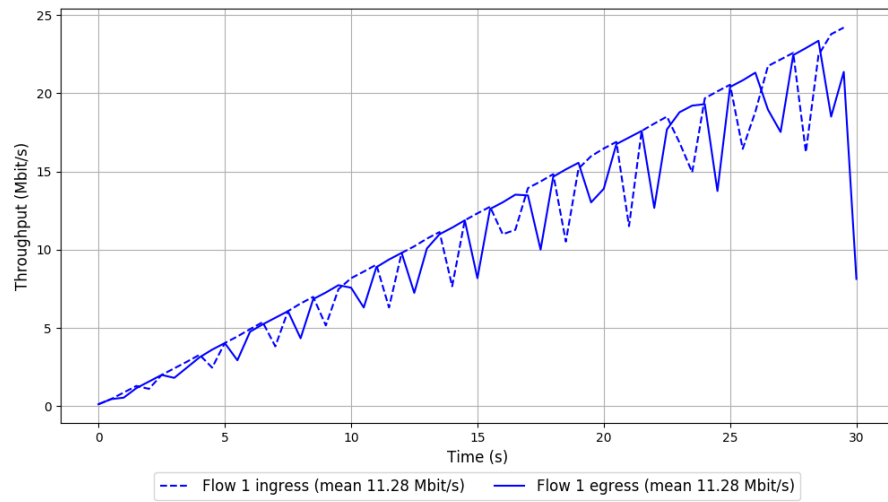


Run 9: Statistics of LEDBAT

Start at: 2018-02-04 10:49:03
End at: 2018-02-04 10:49:33
Local clock offset: -0.094 ms
Remote clock offset: -2.252 ms

Below is generated by plot.py at 2018-02-04 11:56:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.28 Mbit/s
95th percentile per-packet one-way delay: 93.895 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.28 Mbit/s
95th percentile per-packet one-way delay: 93.895 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

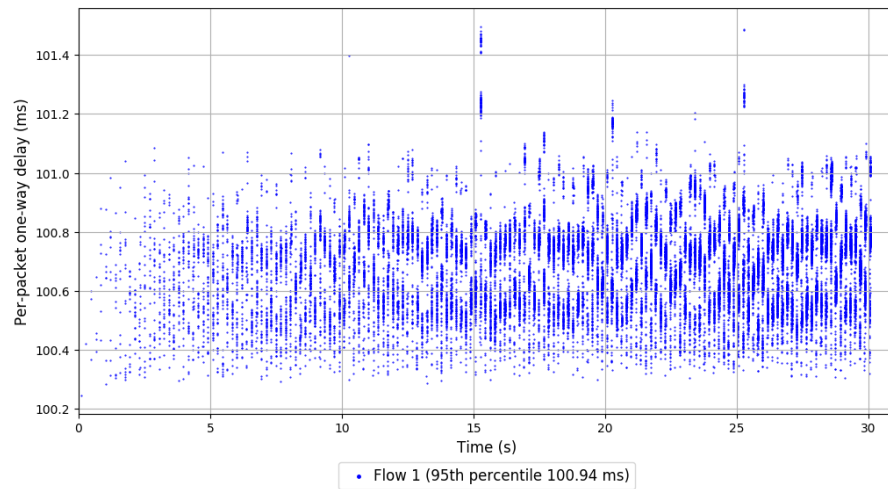
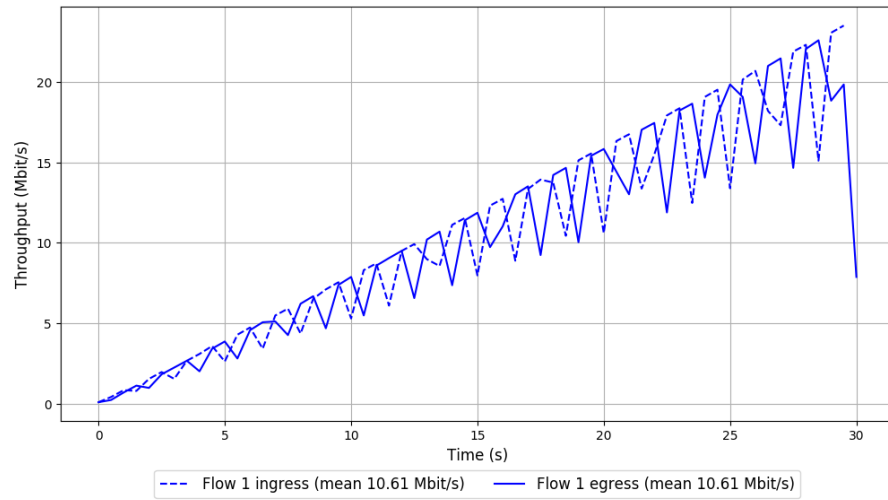


Run 10: Statistics of LEDBAT

Start at: 2018-02-04 11:11:10
End at: 2018-02-04 11:11:40
Local clock offset: -0.119 ms
Remote clock offset: -3.362 ms

Below is generated by plot.py at 2018-02-04 11:56:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.61 Mbit/s
95th percentile per-packet one-way delay: 100.935 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.61 Mbit/s
95th percentile per-packet one-way delay: 100.935 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: 2018-02-04 08:00:48

End at: 2018-02-04 08:01:18

Local clock offset: -0.135 ms

Remote clock offset: 2.863 ms

Below is generated by plot.py at 2018-02-04 11:57:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.77 Mbit/s

95th percentile per-packet one-way delay: 114.311 ms

Loss rate: 1.54%

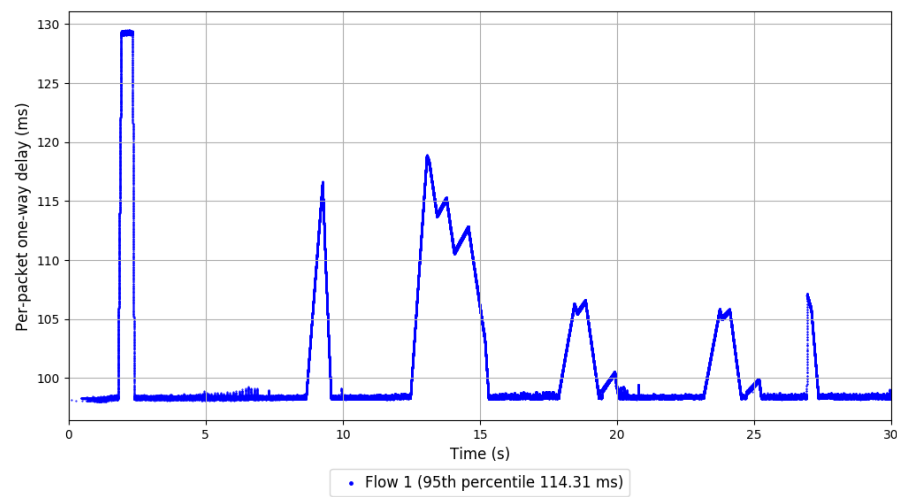
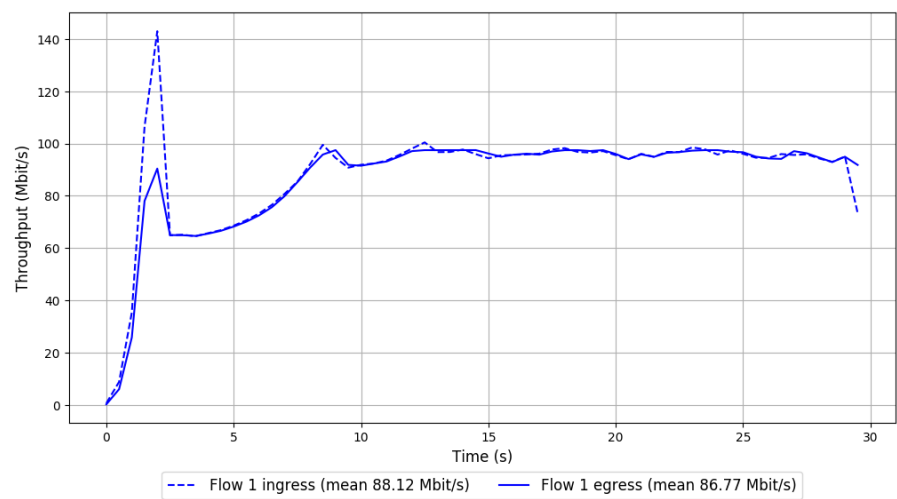
-- Flow 1:

Average throughput: 86.77 Mbit/s

95th percentile per-packet one-way delay: 114.311 ms

Loss rate: 1.54%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-02-04 08:22:59

End at: 2018-02-04 08:23:29

Local clock offset: -0.126 ms

Remote clock offset: 2.404 ms

Below is generated by plot.py at 2018-02-04 11:57:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.55 Mbit/s

95th percentile per-packet one-way delay: 109.966 ms

Loss rate: 1.53%

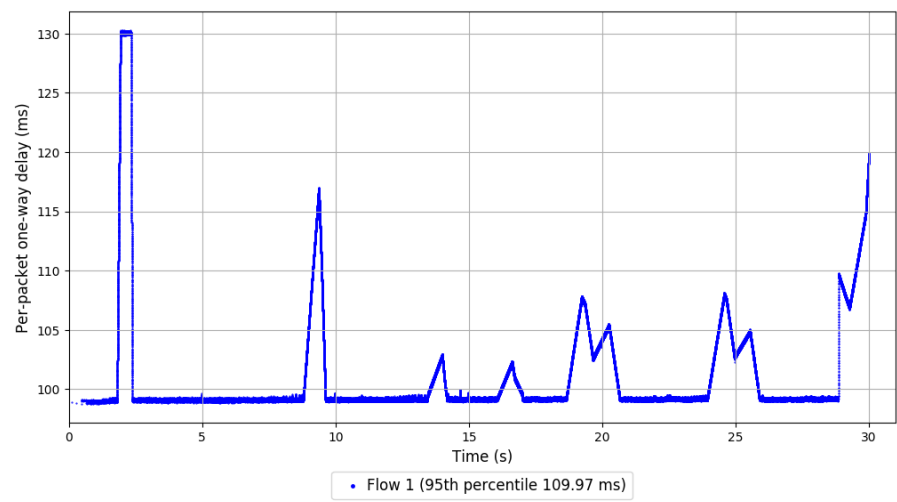
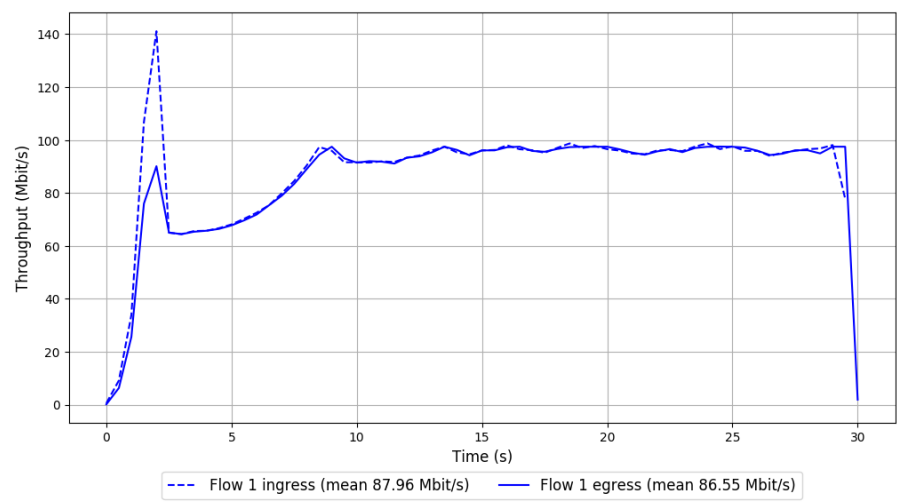
-- Flow 1:

Average throughput: 86.55 Mbit/s

95th percentile per-packet one-way delay: 109.966 ms

Loss rate: 1.53%

Run 2: Report of PCC — Data Link

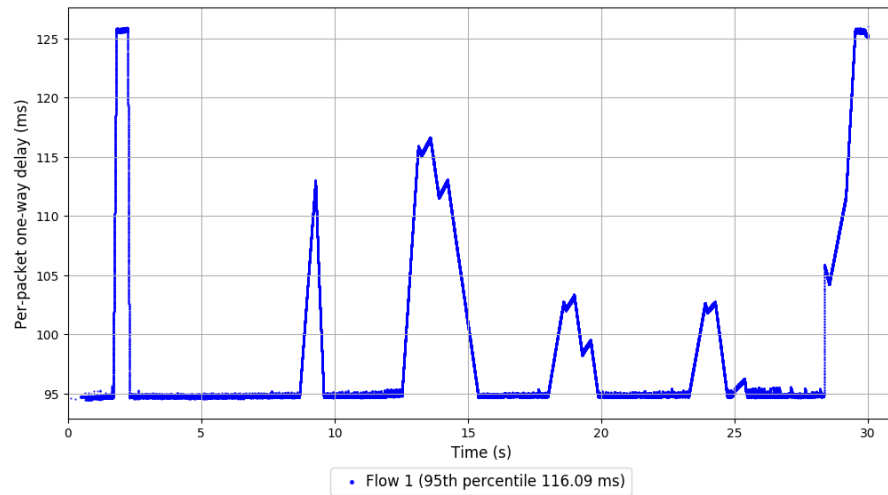
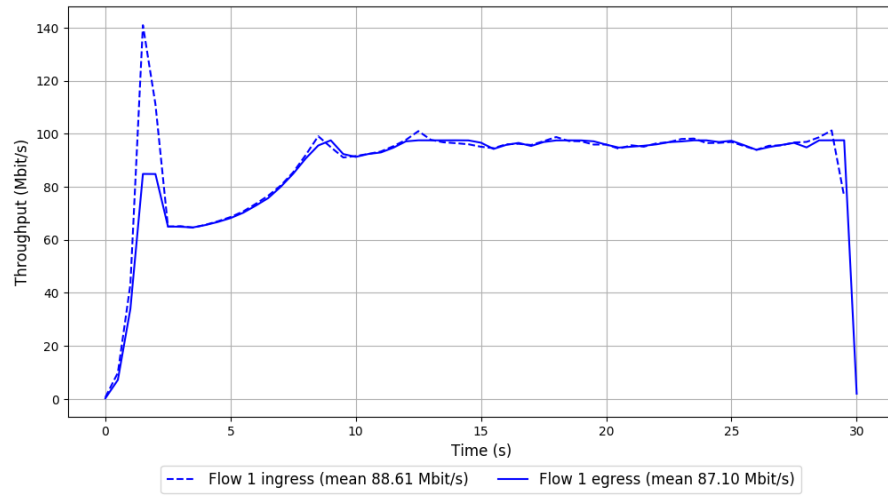


Run 3: Statistics of PCC

Start at: 2018-02-04 08:45:10
End at: 2018-02-04 08:45:40
Local clock offset: -0.077 ms
Remote clock offset: -2.322 ms

Below is generated by plot.py at 2018-02-04 11:57:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.10 Mbit/s
95th percentile per-packet one-way delay: 116.093 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 87.10 Mbit/s
95th percentile per-packet one-way delay: 116.093 ms
Loss rate: 1.60%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-02-04 09:08:11

End at: 2018-02-04 09:08:42

Local clock offset: -0.118 ms

Remote clock offset: 1.987 ms

Below is generated by plot.py at 2018-02-04 11:57:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.32 Mbit/s

95th percentile per-packet one-way delay: 116.987 ms

Loss rate: 1.65%

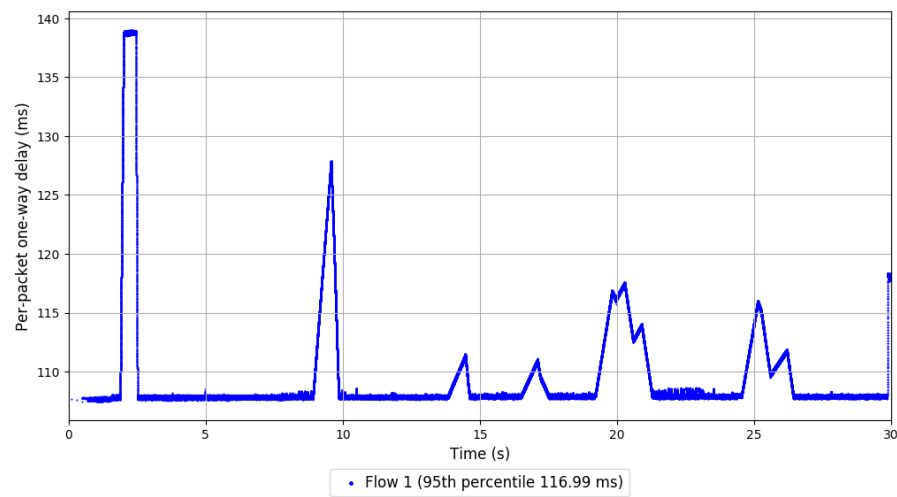
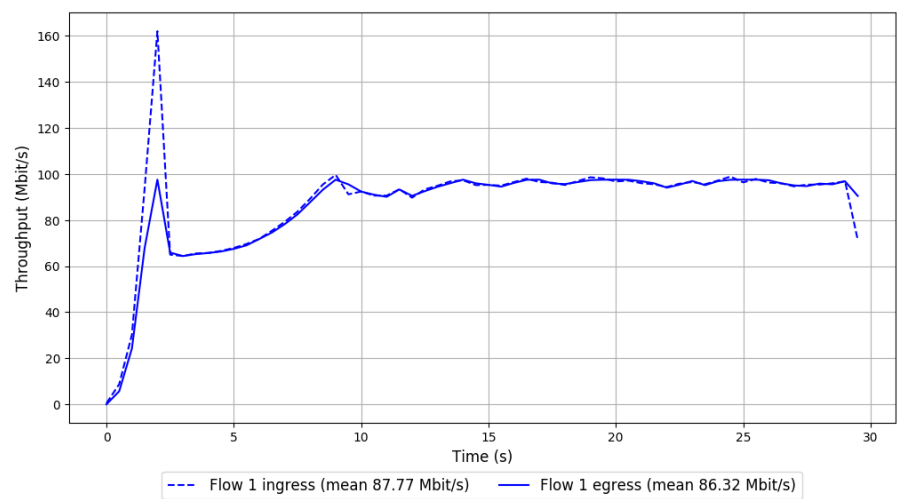
-- Flow 1:

Average throughput: 86.32 Mbit/s

95th percentile per-packet one-way delay: 116.987 ms

Loss rate: 1.65%

Run 4: Report of PCC — Data Link

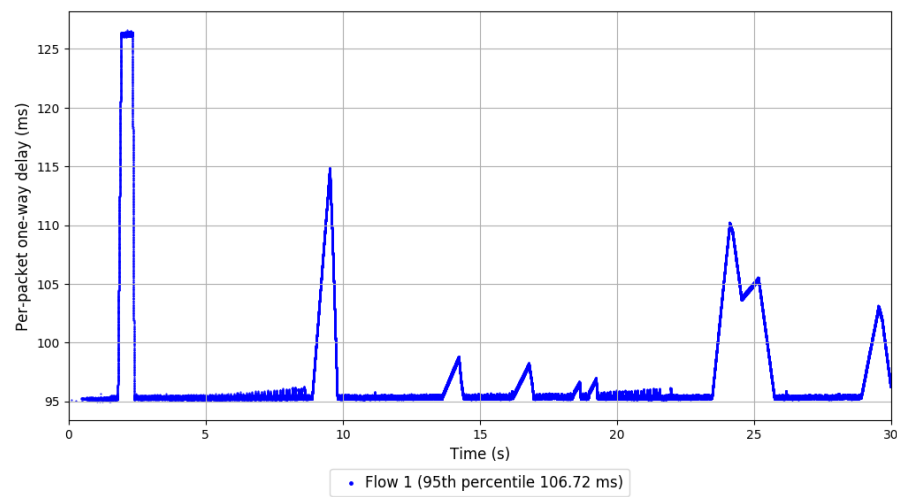
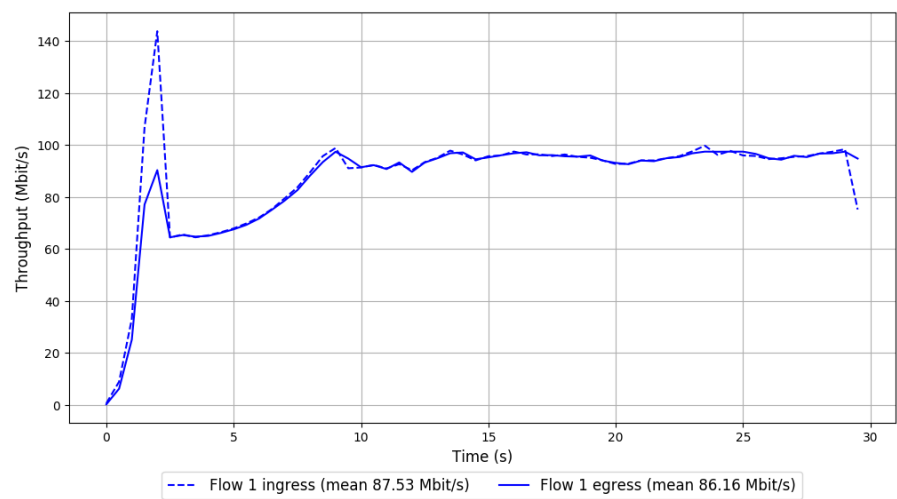


Run 5: Statistics of PCC

Start at: 2018-02-04 09:30:42
End at: 2018-02-04 09:31:13
Local clock offset: -0.143 ms
Remote clock offset: -3.298 ms

Below is generated by plot.py at 2018-02-04 11:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.16 Mbit/s
95th percentile per-packet one-way delay: 106.719 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 86.16 Mbit/s
95th percentile per-packet one-way delay: 106.719 ms
Loss rate: 1.57%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-02-04 09:53:25

End at: 2018-02-04 09:53:55

Local clock offset: -0.132 ms

Remote clock offset: 2.354 ms

Below is generated by plot.py at 2018-02-04 11:57:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.21 Mbit/s

95th percentile per-packet one-way delay: 111.702 ms

Loss rate: 1.56%

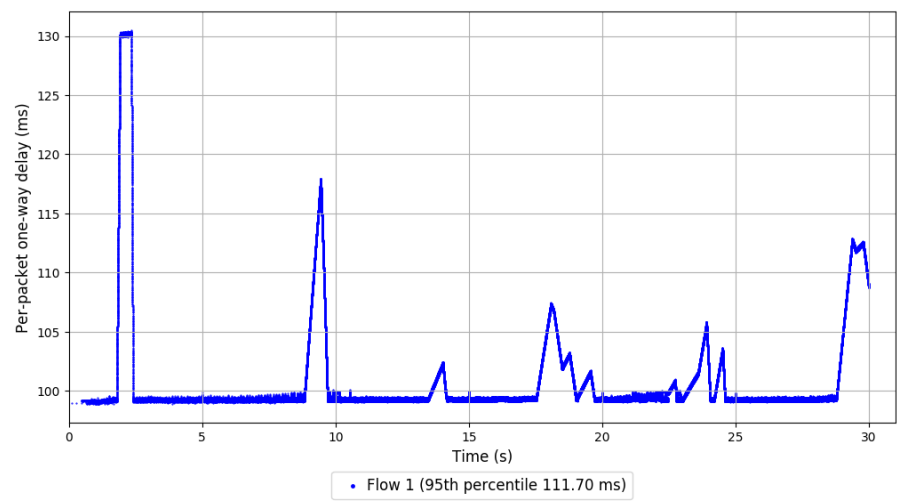
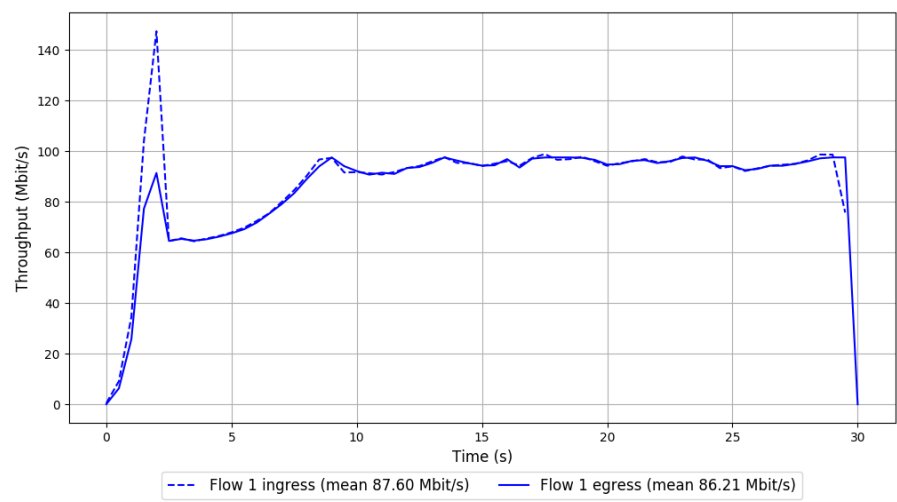
-- Flow 1:

Average throughput: 86.21 Mbit/s

95th percentile per-packet one-way delay: 111.702 ms

Loss rate: 1.56%

Run 6: Report of PCC — Data Link

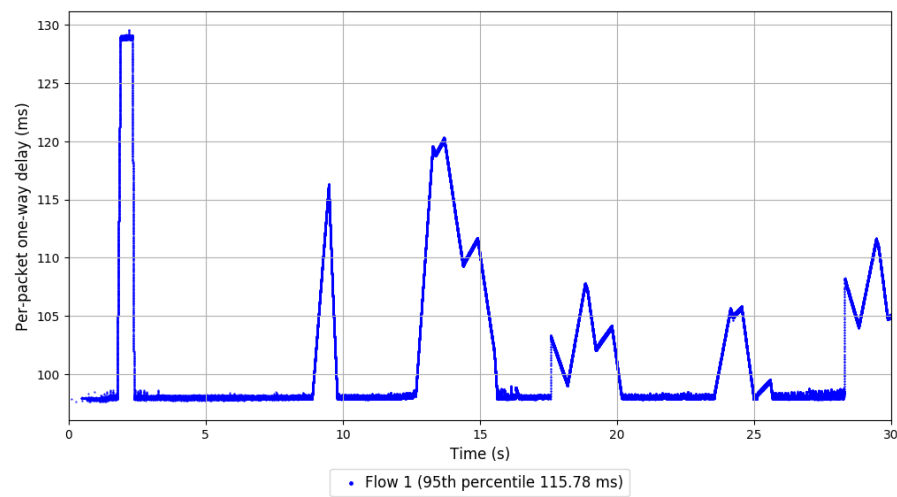
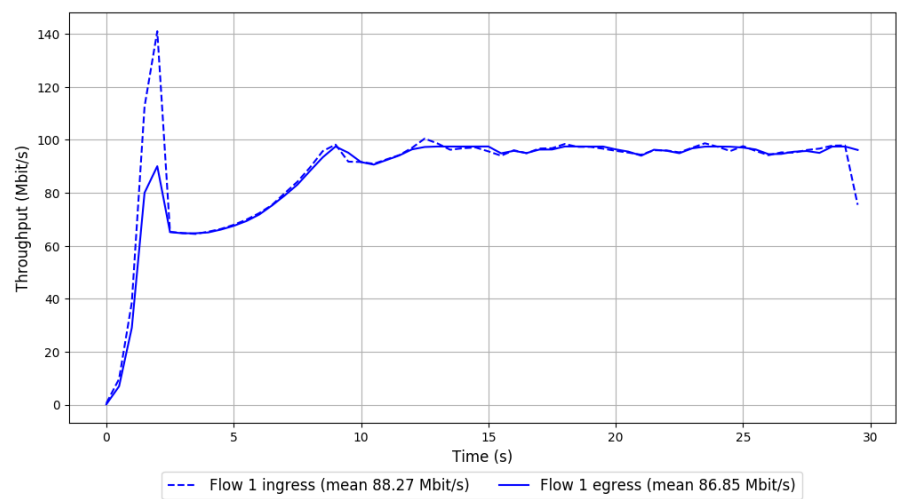


Run 7: Statistics of PCC

Start at: 2018-02-04 10:15:40
End at: 2018-02-04 10:16:10
Local clock offset: -0.145 ms
Remote clock offset: -2.397 ms

Below is generated by plot.py at 2018-02-04 11:57:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.85 Mbit/s
95th percentile per-packet one-way delay: 115.785 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 86.85 Mbit/s
95th percentile per-packet one-way delay: 115.785 ms
Loss rate: 1.60%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-02-04 10:37:49

End at: 2018-02-04 10:38:19

Local clock offset: -0.181 ms

Remote clock offset: 3.228 ms

Below is generated by plot.py at 2018-02-04 11:57:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.17 Mbit/s

95th percentile per-packet one-way delay: 114.771 ms

Loss rate: 1.60%

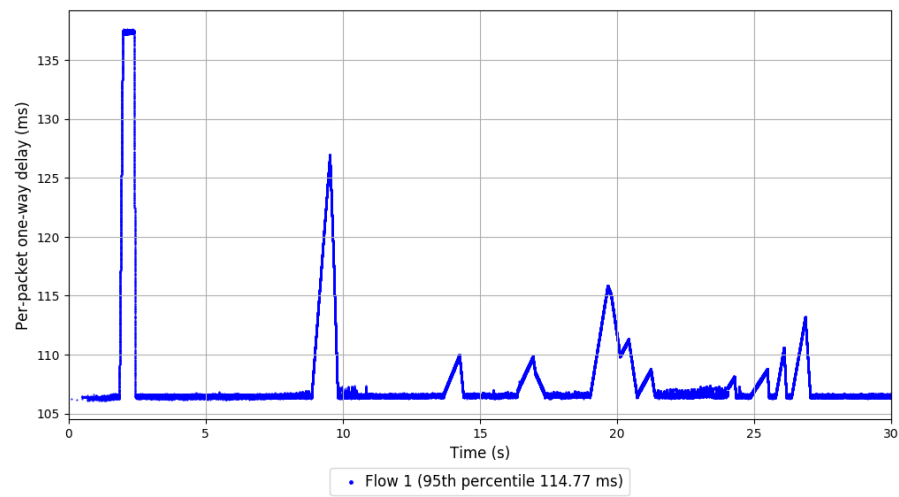
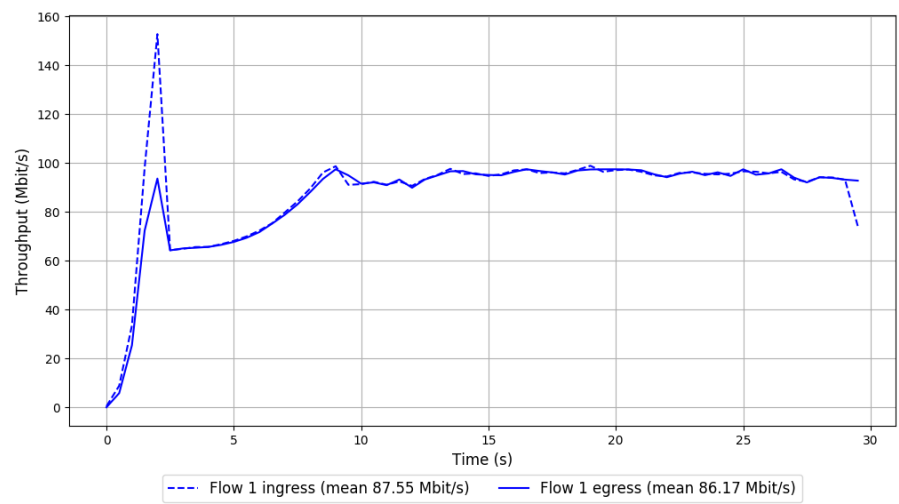
-- Flow 1:

Average throughput: 86.17 Mbit/s

95th percentile per-packet one-way delay: 114.771 ms

Loss rate: 1.60%

Run 8: Report of PCC — Data Link

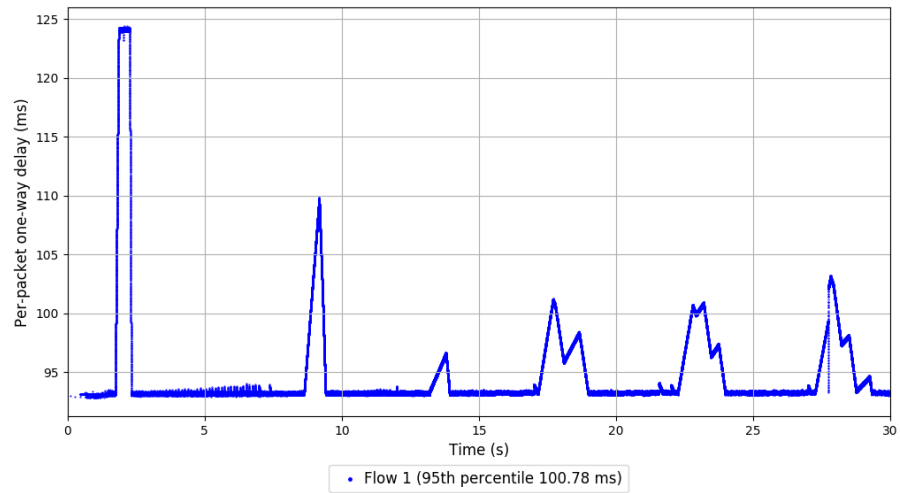
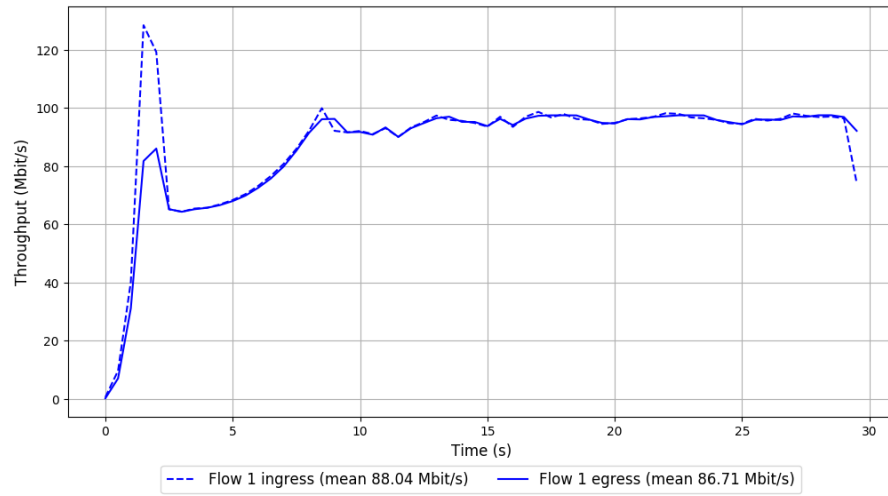


Run 9: Statistics of PCC

Start at: 2018-02-04 11:00:02
End at: 2018-02-04 11:00:32
Local clock offset: -0.134 ms
Remote clock offset: -2.052 ms

Below is generated by plot.py at 2018-02-04 11:58:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 100.780 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 100.780 ms
Loss rate: 1.52%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-02-04 11:22:09

End at: 2018-02-04 11:22:39

Local clock offset: -0.107 ms

Remote clock offset: 1.029 ms

Below is generated by plot.py at 2018-02-04 11:58:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.01 Mbit/s

95th percentile per-packet one-way delay: 123.977 ms

Loss rate: 1.54%

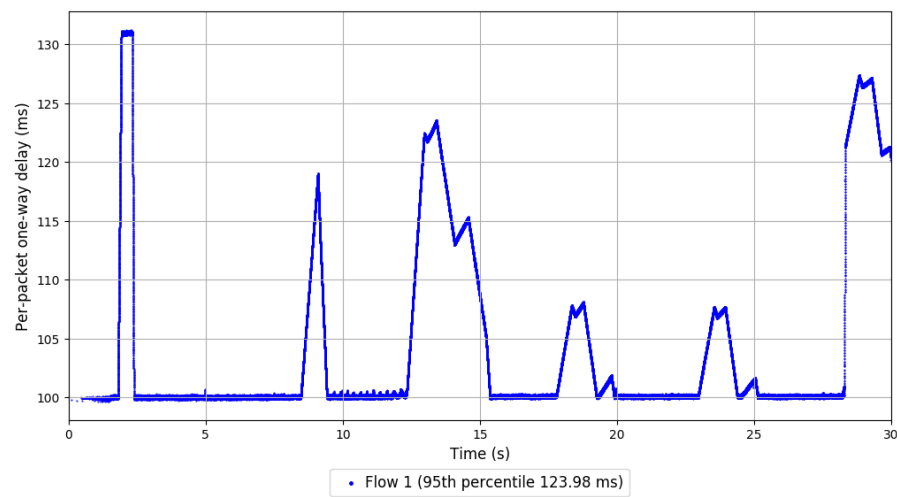
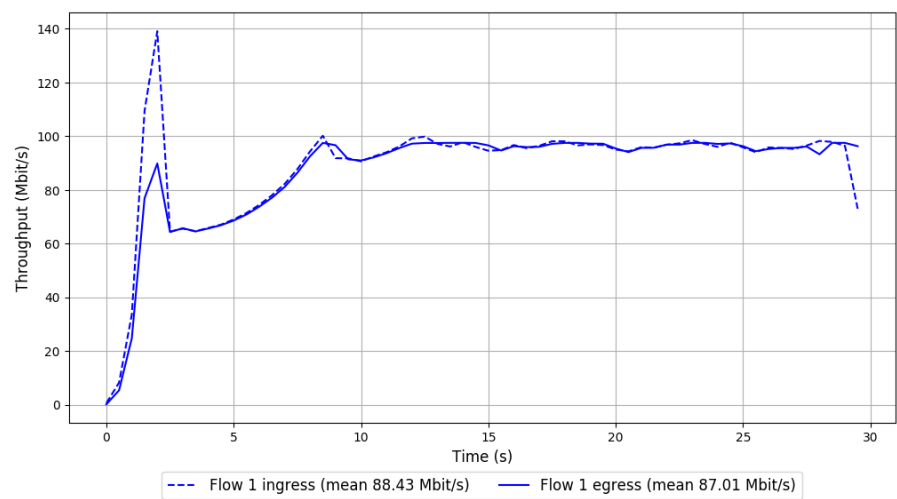
-- Flow 1:

Average throughput: 87.01 Mbit/s

95th percentile per-packet one-way delay: 123.977 ms

Loss rate: 1.54%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

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

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

Local clock offset: -0.125 ms

Remote clock offset: 4.502 ms

Below is generated by plot.py at 2018-02-04 11:58:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.18 Mbit/s

95th percentile per-packet one-way delay: 109.126 ms

Loss rate: 0.12%

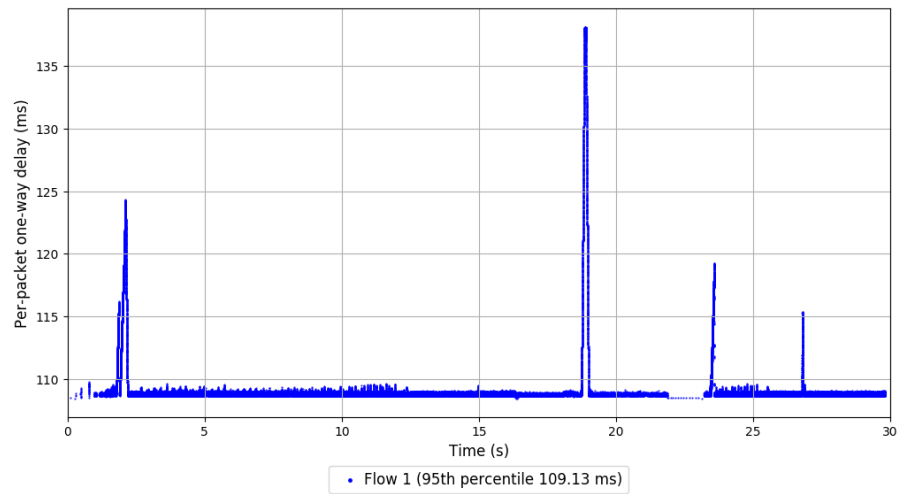
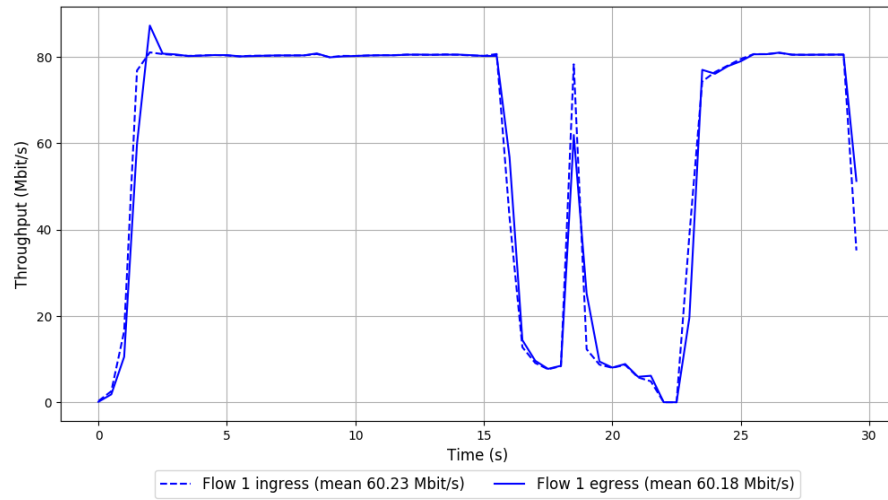
-- Flow 1:

Average throughput: 60.18 Mbit/s

95th percentile per-packet one-way delay: 109.126 ms

Loss rate: 0.12%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-04 08:24:13

End at: 2018-02-04 08:24:43

Local clock offset: -0.128 ms

Remote clock offset: 2.281 ms

Below is generated by plot.py at 2018-02-04 11:58:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.06 Mbit/s

95th percentile per-packet one-way delay: 119.700 ms

Loss rate: 0.18%

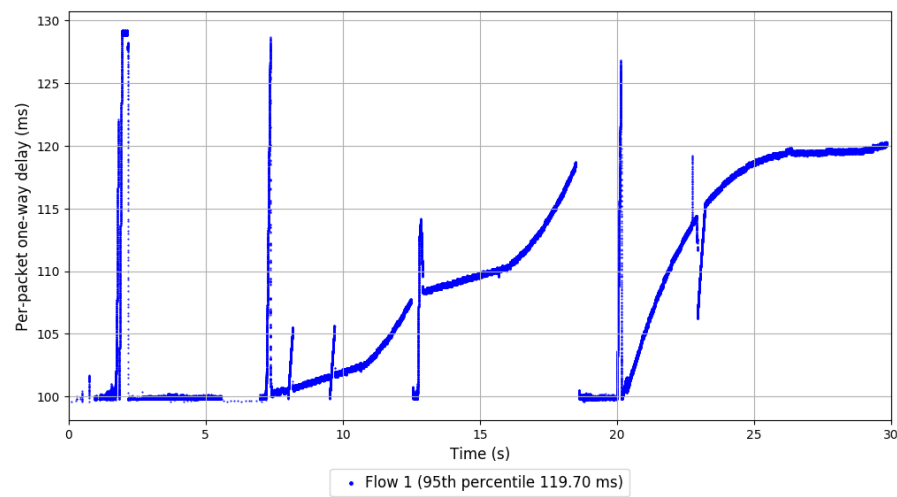
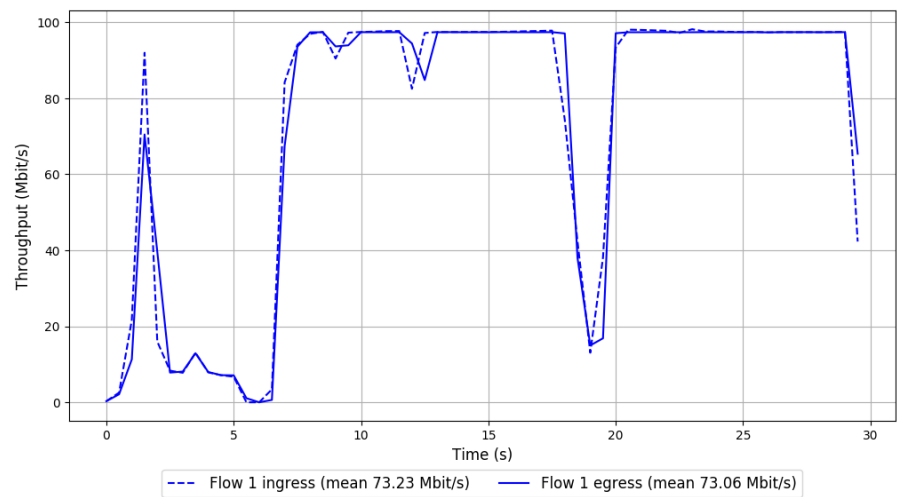
-- Flow 1:

Average throughput: 73.06 Mbit/s

95th percentile per-packet one-way delay: 119.700 ms

Loss rate: 0.18%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-04 08:46:24

End at: 2018-02-04 08:46:54

Local clock offset: -0.092 ms

Remote clock offset: 1.698 ms

Below is generated by plot.py at 2018-02-04 11:58:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.78 Mbit/s

95th percentile per-packet one-way delay: 100.755 ms

Loss rate: 0.09%

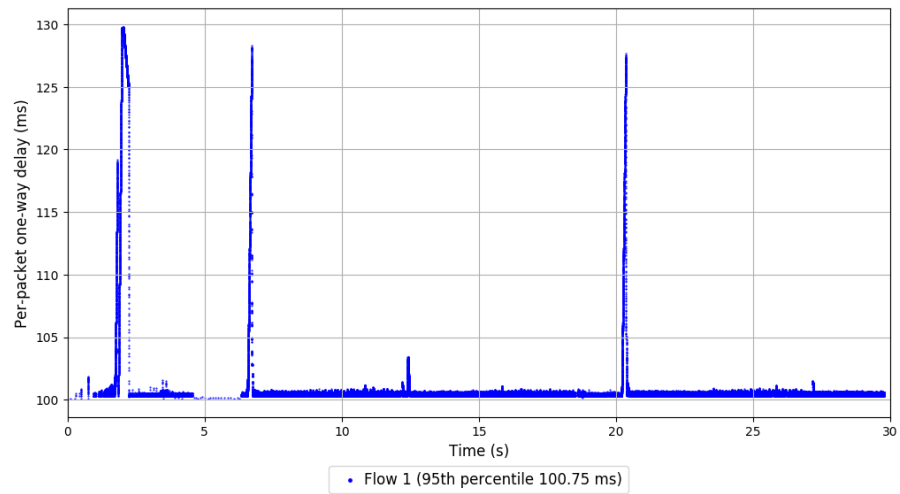
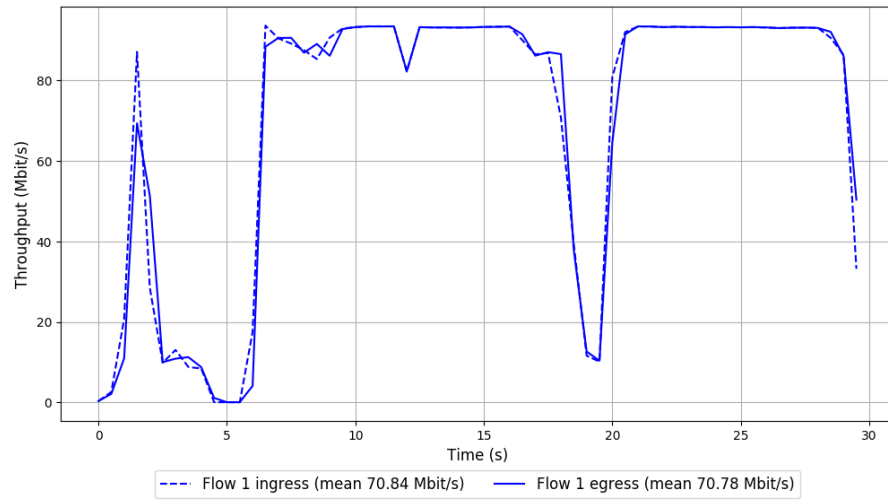
-- Flow 1:

Average throughput: 70.78 Mbit/s

95th percentile per-packet one-way delay: 100.755 ms

Loss rate: 0.09%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-04 09:09:25

End at: 2018-02-04 09:09:55

Local clock offset: -0.121 ms

Remote clock offset: -2.948 ms

Below is generated by plot.py at 2018-02-04 11:59:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.85 Mbit/s

95th percentile per-packet one-way delay: 111.165 ms

Loss rate: 0.18%

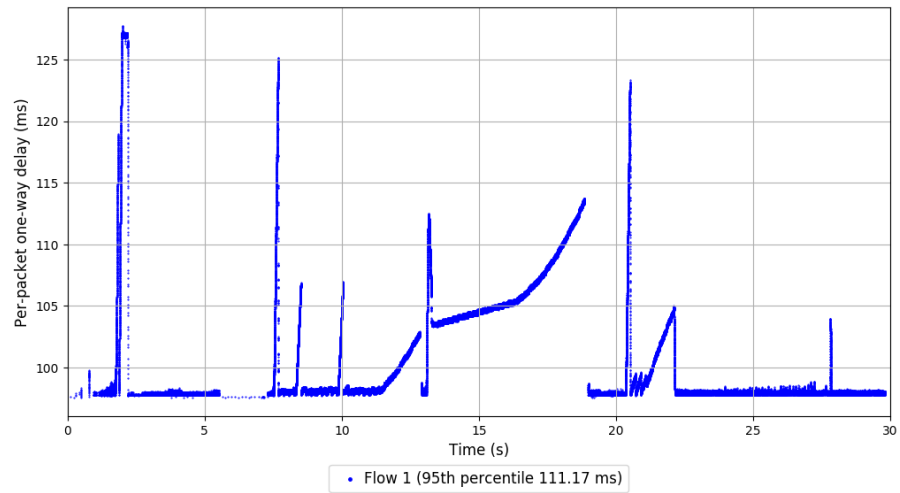
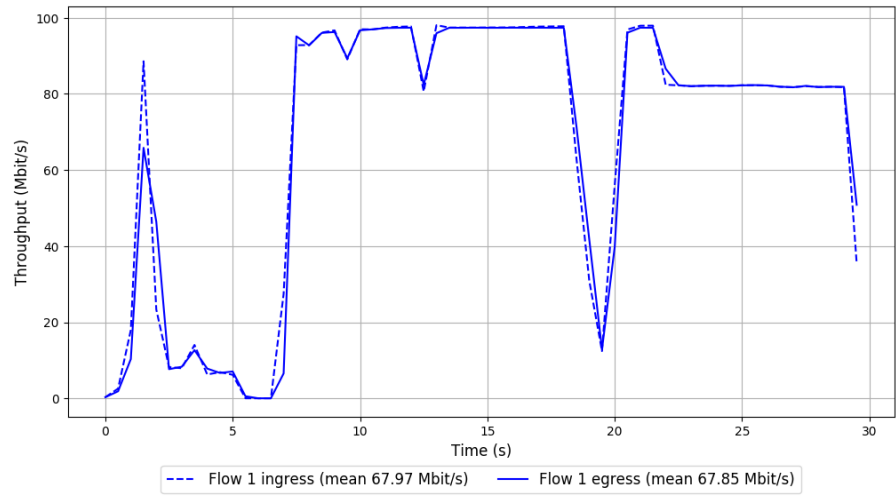
-- Flow 1:

Average throughput: 67.85 Mbit/s

95th percentile per-packet one-way delay: 111.165 ms

Loss rate: 0.18%

Run 4: Report of QUIC Cubic — Data Link

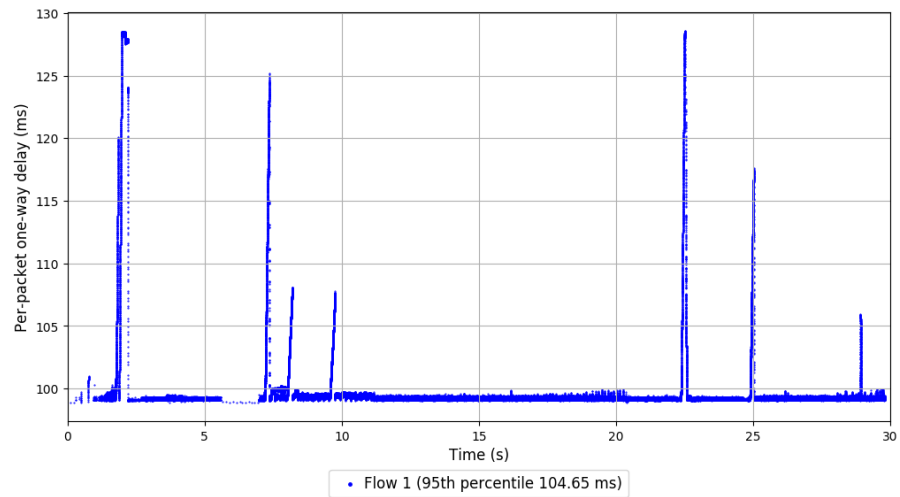
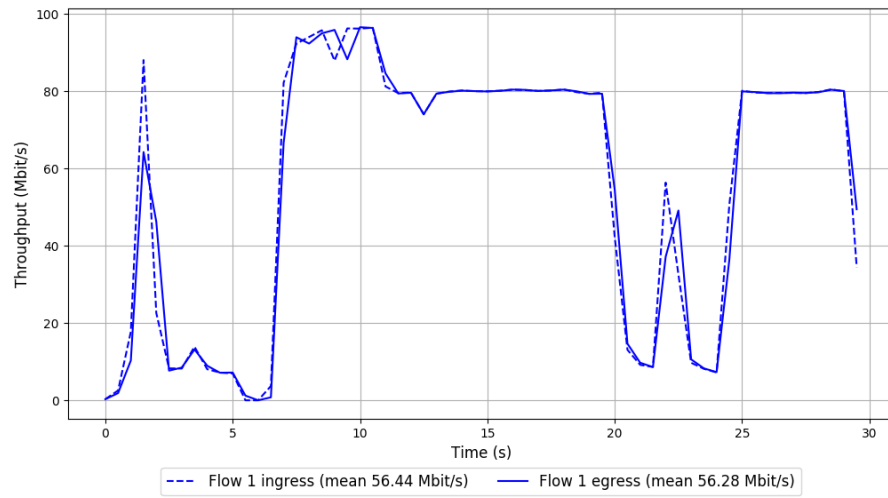


Run 5: Statistics of QUIC Cubic

Start at: 2018-02-04 09:32:01
End at: 2018-02-04 09:32:31
Local clock offset: -0.171 ms
Remote clock offset: -3.251 ms

Below is generated by plot.py at 2018-02-04 11:59:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.28 Mbit/s
95th percentile per-packet one-way delay: 104.646 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 56.28 Mbit/s
95th percentile per-packet one-way delay: 104.646 ms
Loss rate: 0.29%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-04 09:54:38

End at: 2018-02-04 09:55:08

Local clock offset: -0.214 ms

Remote clock offset: -3.3 ms

Below is generated by plot.py at 2018-02-04 11:59:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.93 Mbit/s

95th percentile per-packet one-way delay: 96.424 ms

Loss rate: 0.09%

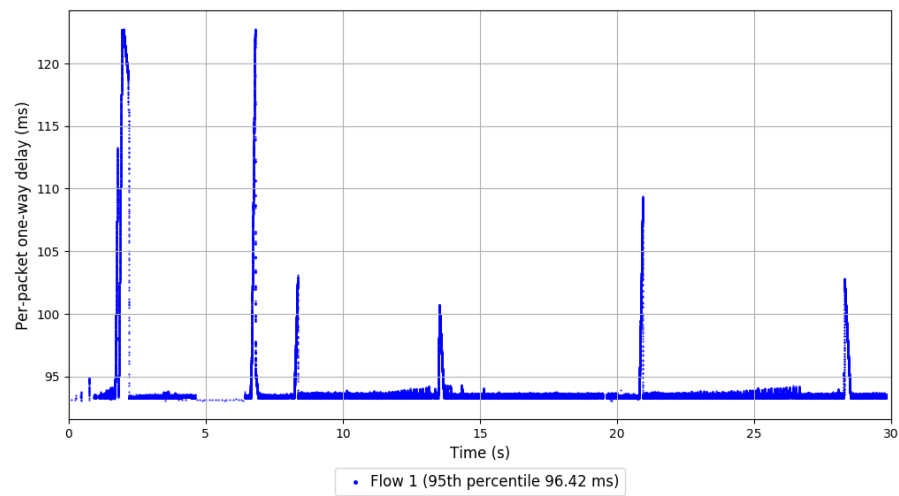
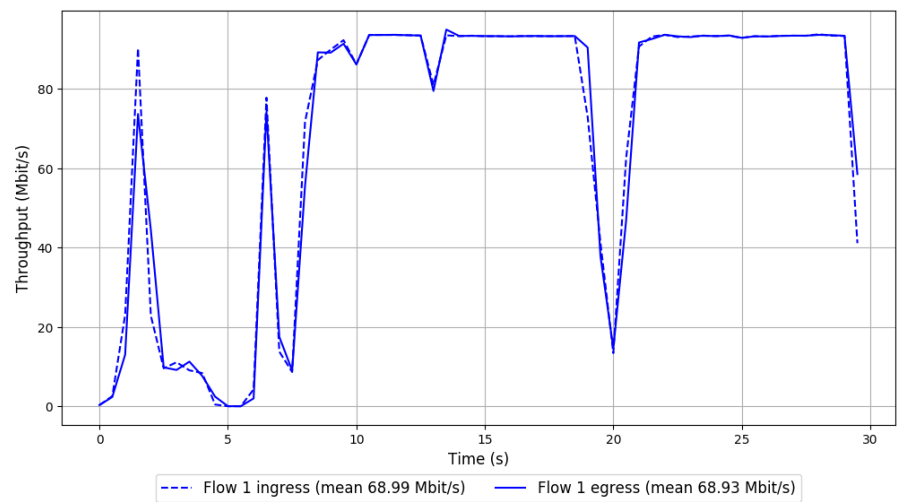
-- Flow 1:

Average throughput: 68.93 Mbit/s

95th percentile per-packet one-way delay: 96.424 ms

Loss rate: 0.09%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-02-04 10:16:54

End at: 2018-02-04 10:17:24

Local clock offset: -0.151 ms

Remote clock offset: -3.221 ms

Below is generated by plot.py at 2018-02-04 11:59:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.42 Mbit/s

95th percentile per-packet one-way delay: 95.598 ms

Loss rate: 0.16%

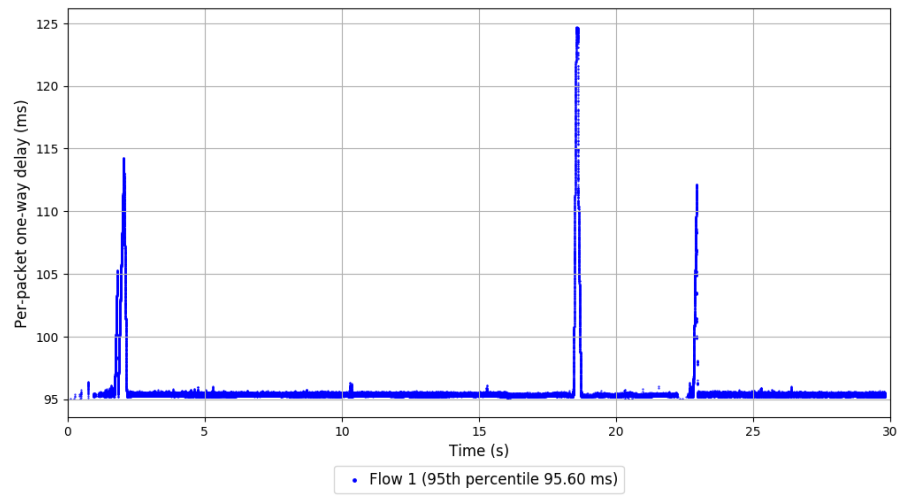
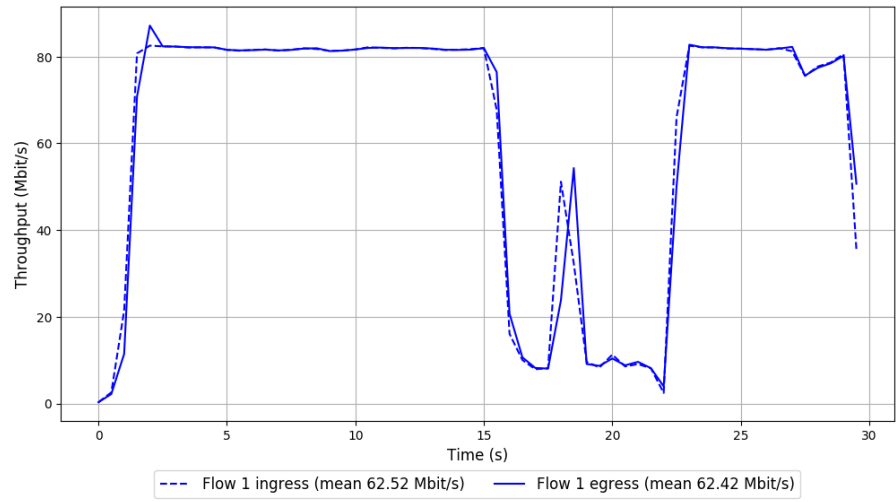
-- Flow 1:

Average throughput: 62.42 Mbit/s

95th percentile per-packet one-way delay: 95.598 ms

Loss rate: 0.16%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-04 10:39:03

End at: 2018-02-04 10:39:33

Local clock offset: -0.115 ms

Remote clock offset: 4.038 ms

Below is generated by plot.py at 2018-02-04 12:00:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.59 Mbit/s

95th percentile per-packet one-way delay: 121.649 ms

Loss rate: 0.19%

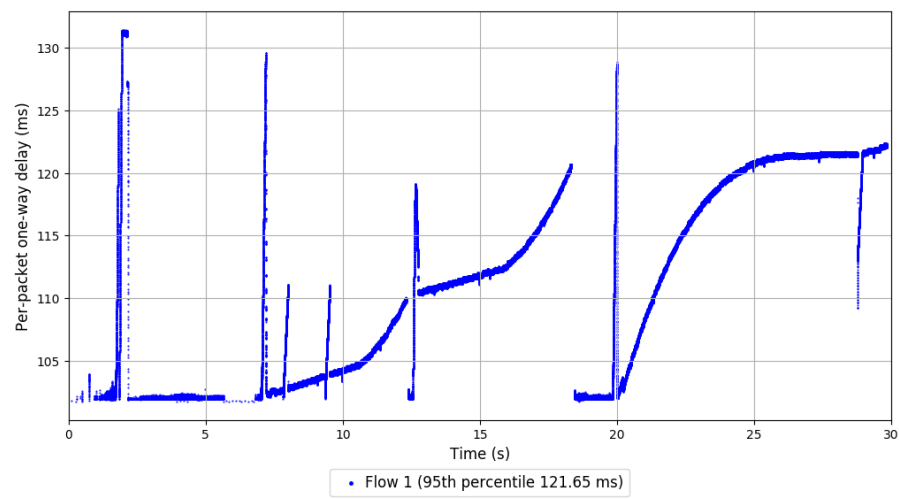
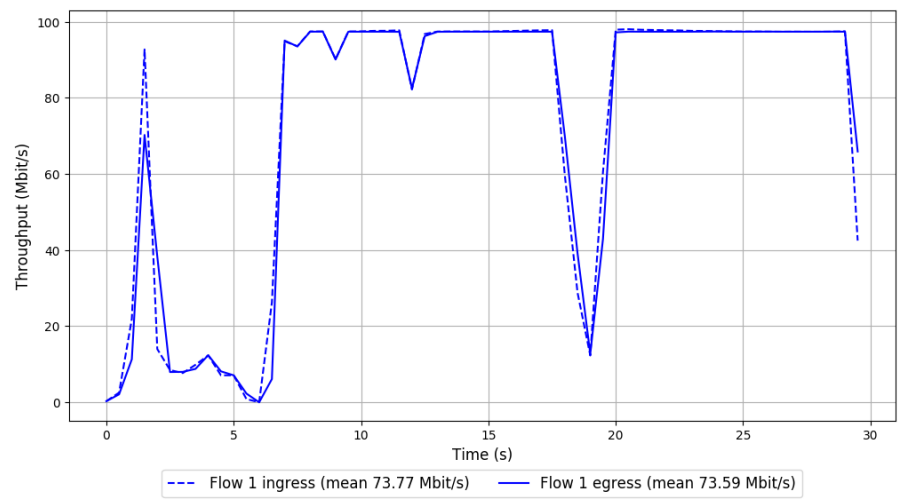
-- Flow 1:

Average throughput: 73.59 Mbit/s

95th percentile per-packet one-way delay: 121.649 ms

Loss rate: 0.19%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-04 11:01:15

End at: 2018-02-04 11:01:45

Local clock offset: -0.142 ms

Remote clock offset: 2.716 ms

Below is generated by plot.py at 2018-02-04 12:00:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.99 Mbit/s

95th percentile per-packet one-way delay: 101.511 ms

Loss rate: 0.09%

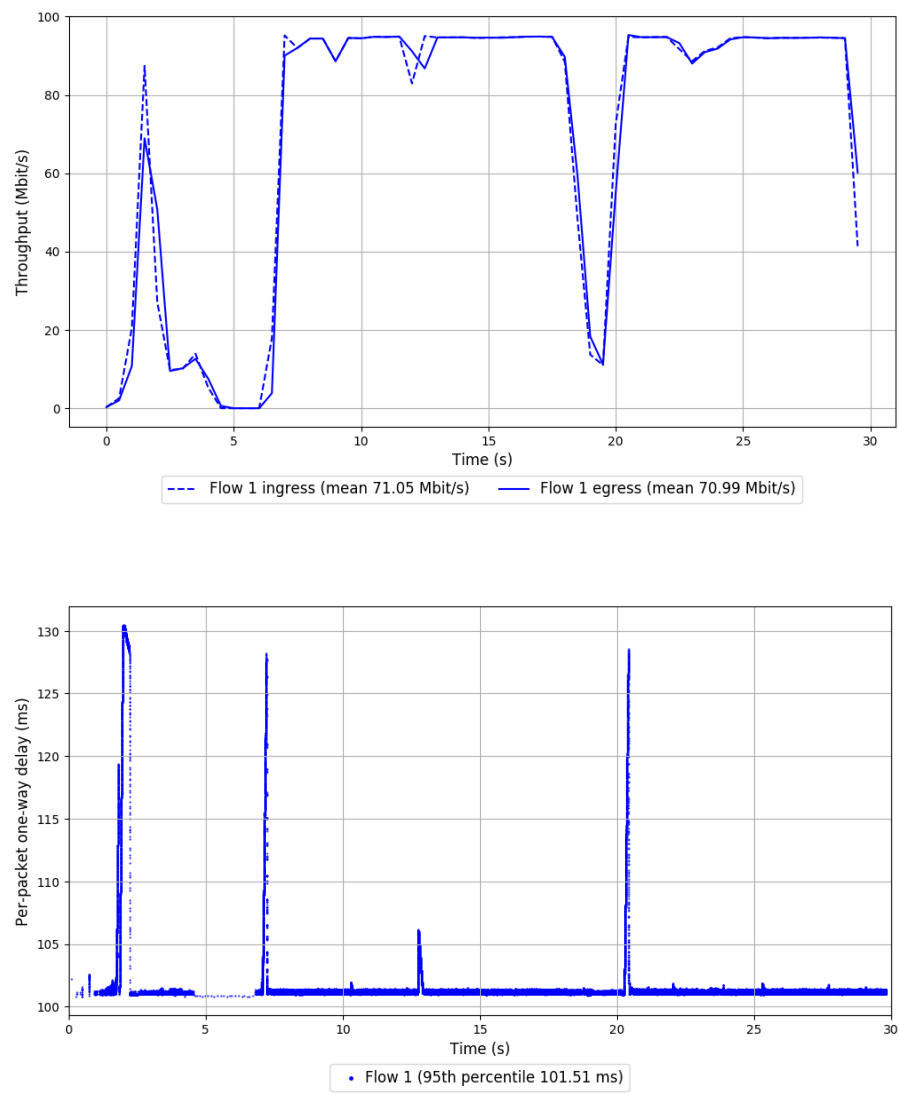
-- Flow 1:

Average throughput: 70.99 Mbit/s

95th percentile per-packet one-way delay: 101.511 ms

Loss rate: 0.09%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-04 11:23:22

End at: 2018-02-04 11:23:52

Local clock offset: -0.102 ms

Remote clock offset: 1.879 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.90 Mbit/s

95th percentile per-packet one-way delay: 121.764 ms

Loss rate: 0.19%

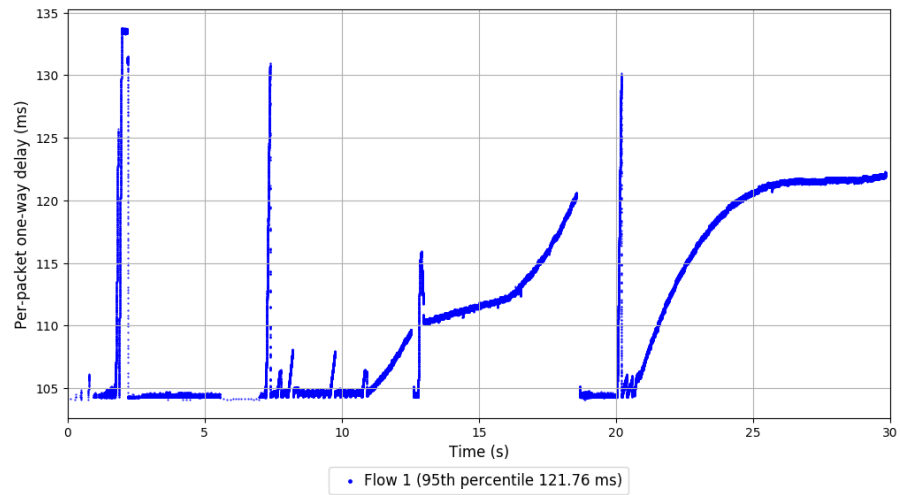
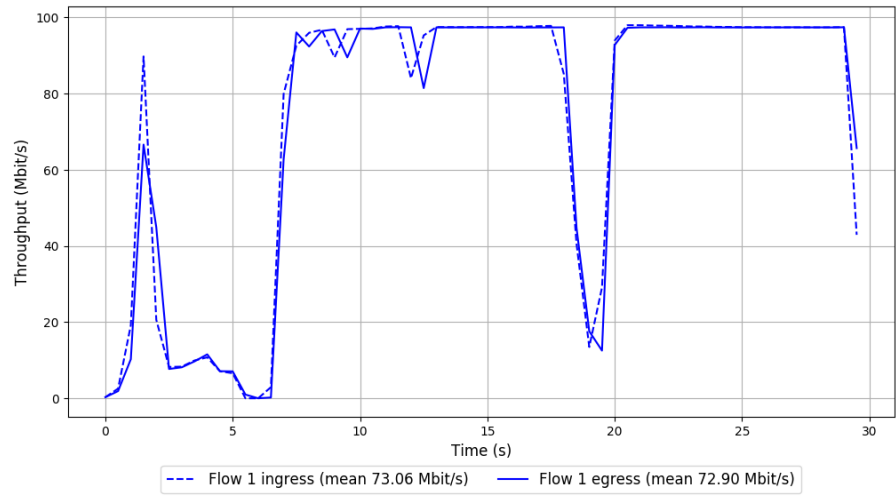
-- Flow 1:

Average throughput: 72.90 Mbit/s

95th percentile per-packet one-way delay: 121.764 ms

Loss rate: 0.19%

Run 10: Report of QUIC Cubic — Data Link

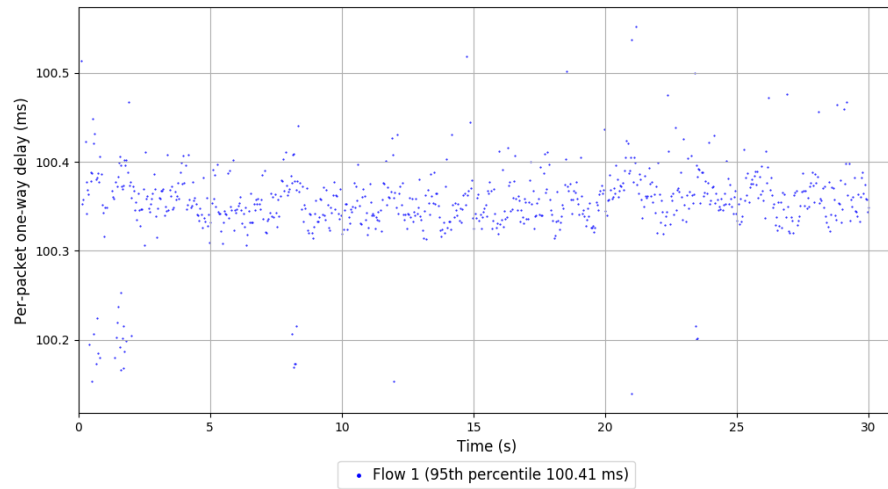
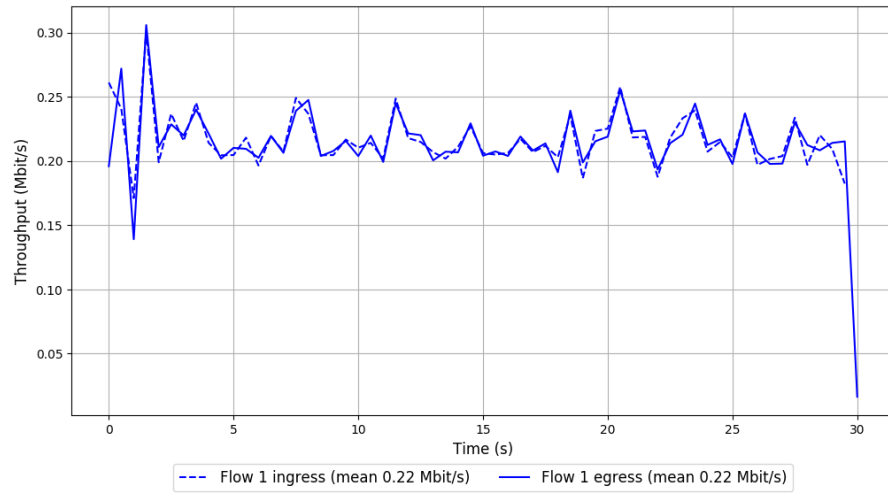


```
Run 1: Statistics of SCReAM

Start at: 2018-02-04 07:58:28
End at: 2018-02-04 07:58:58
Local clock offset: -0.115 ms
Remote clock offset: 2.792 ms

# Below is generated by plot.py at 2018-02-04 12:00:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 100.409 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 100.409 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

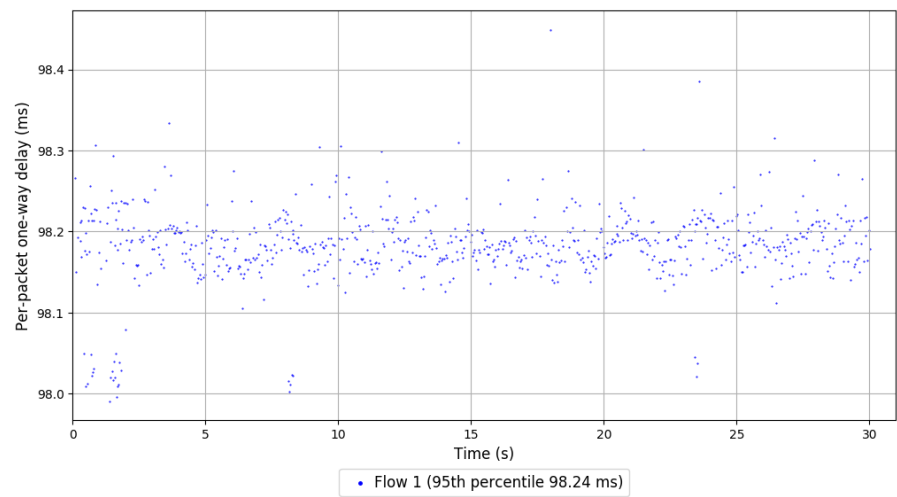
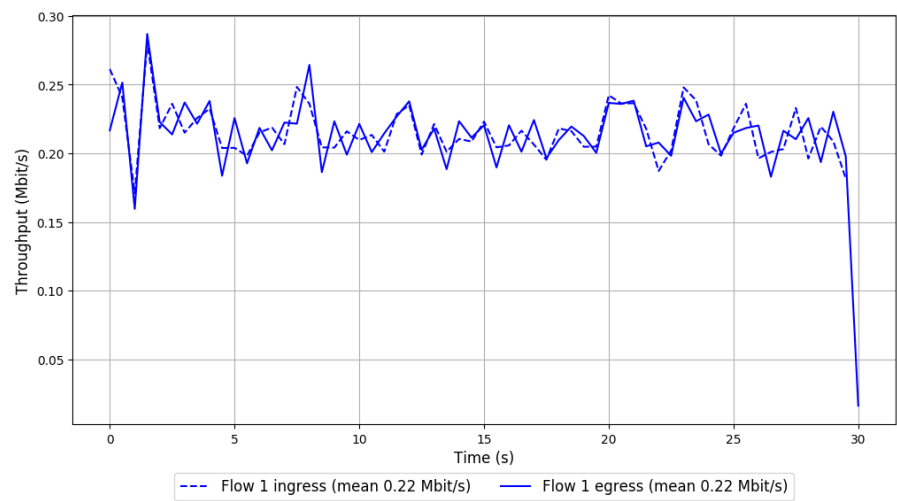


Run 2: Statistics of SCReAM

Start at: 2018-02-04 08:20:39
End at: 2018-02-04 08:21:09
Local clock offset: -0.123 ms
Remote clock offset: -1.556 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 98.241 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 98.241 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-02-04 08:42:50

End at: 2018-02-04 08:43:20

Local clock offset: -0.065 ms

Remote clock offset: 3.413 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 100.116 ms

Loss rate: 0.00%

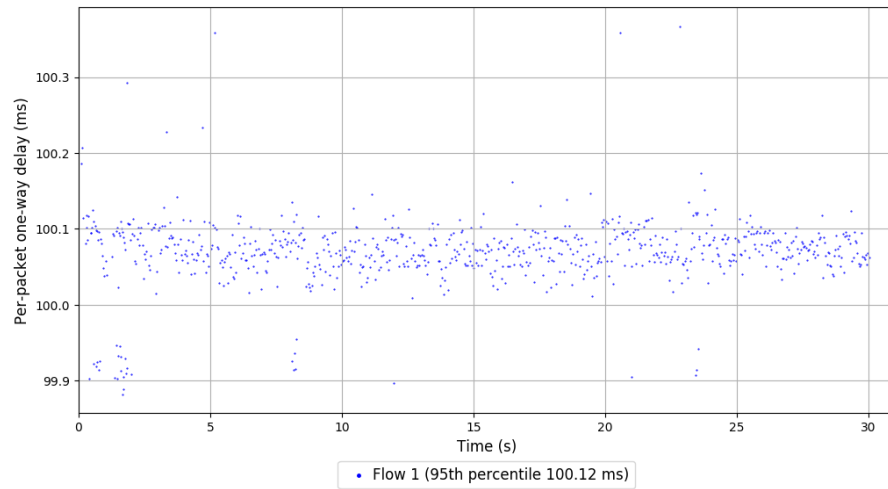
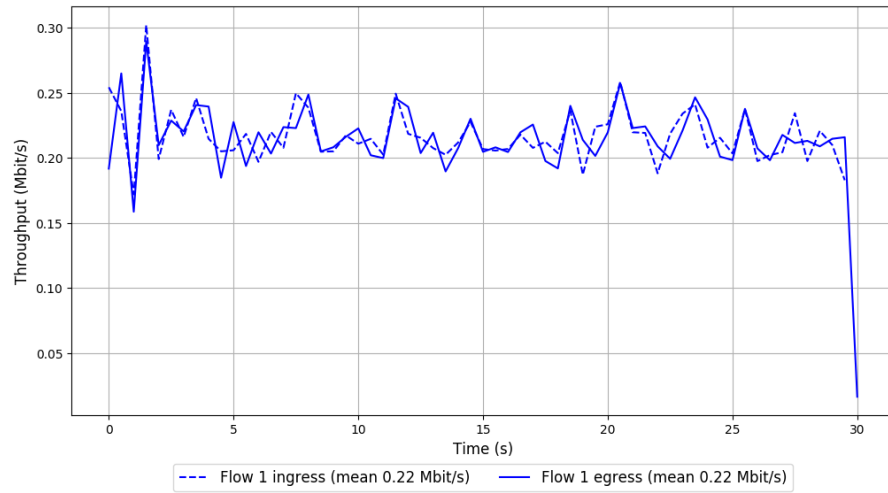
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 100.116 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

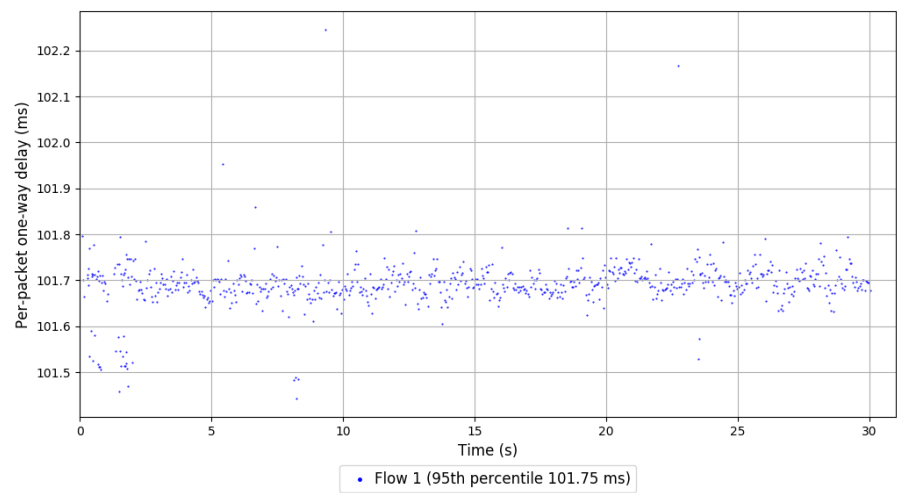
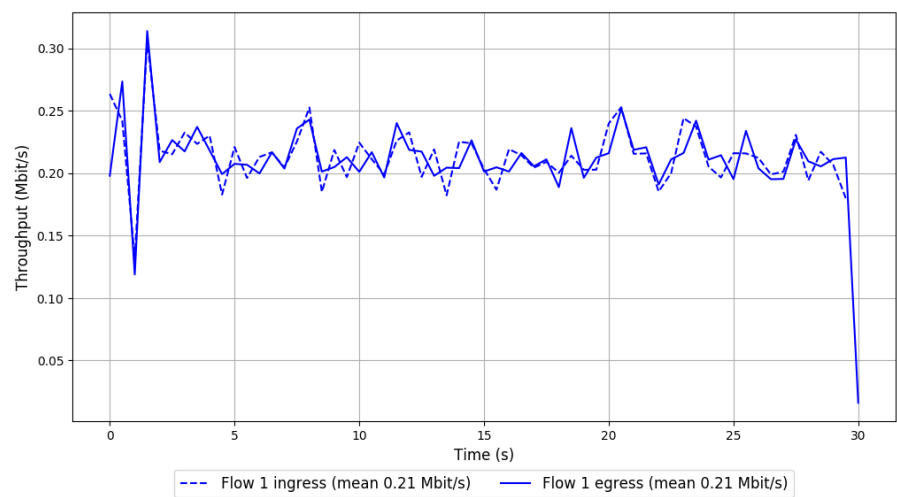


Run 4: Statistics of SCReAM

Start at: 2018-02-04 09:05:51
End at: 2018-02-04 09:06:21
Local clock offset: -0.132 ms
Remote clock offset: -2.682 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 101.747 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 101.747 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

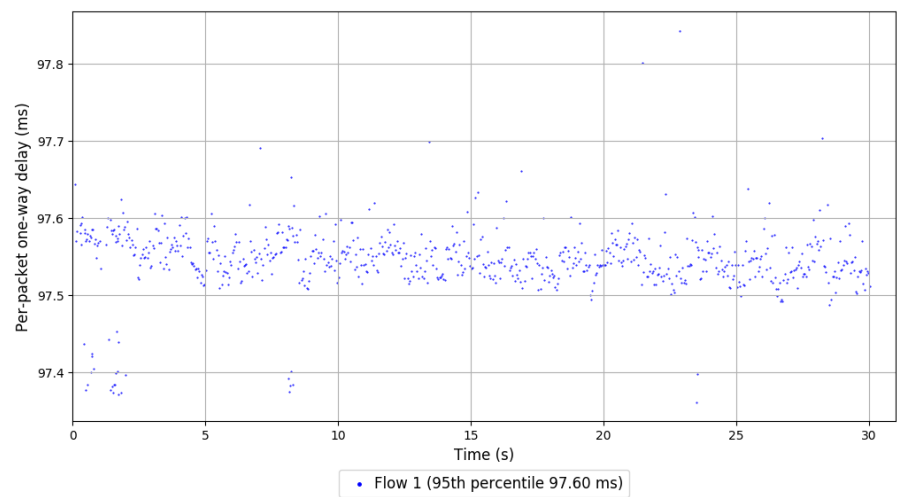
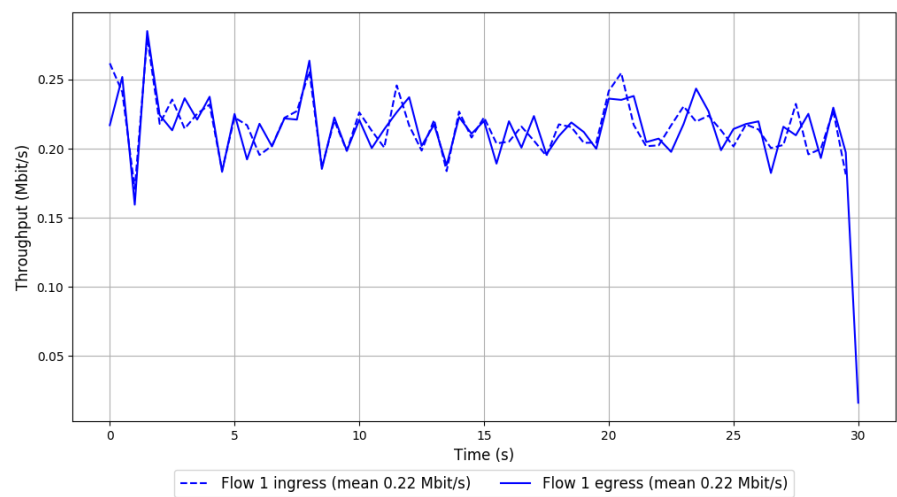


Run 5: Statistics of SCReAM

Start at: 2018-02-04 09:28:18
End at: 2018-02-04 09:28:48
Local clock offset: -0.15 ms
Remote clock offset: -2.521 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 97.600 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 97.600 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

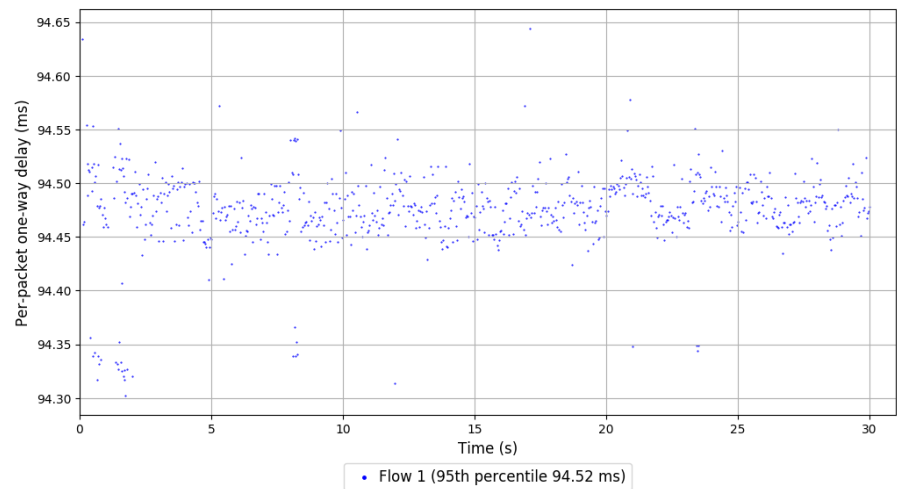
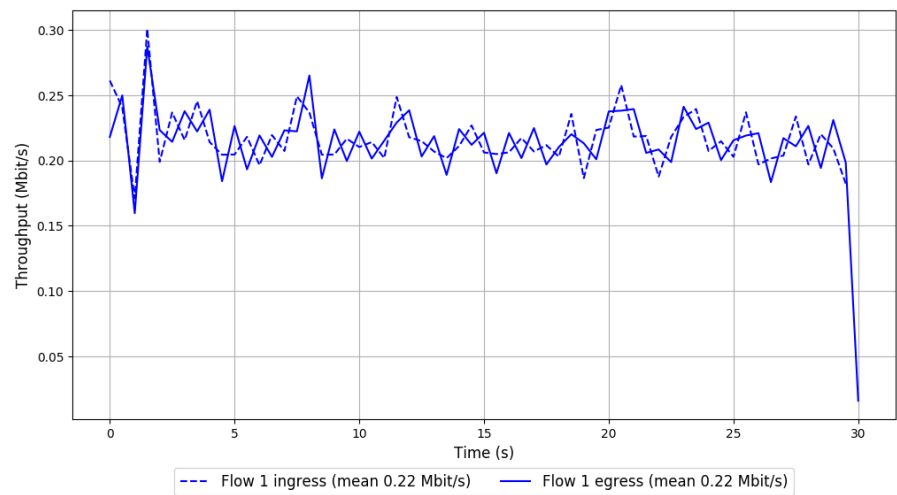


Run 6: Statistics of SCReAM

Start at: 2018-02-04 09:51:05
End at: 2018-02-04 09:51:35
Local clock offset: -0.182 ms
Remote clock offset: -2.344 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 94.518 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 94.518 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SReAM

Start at: 2018-02-04 10:13:20

End at: 2018-02-04 10:13:50

Local clock offset: -0.169 ms

Remote clock offset: 1.524 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 100.245 ms

Loss rate: 0.00%

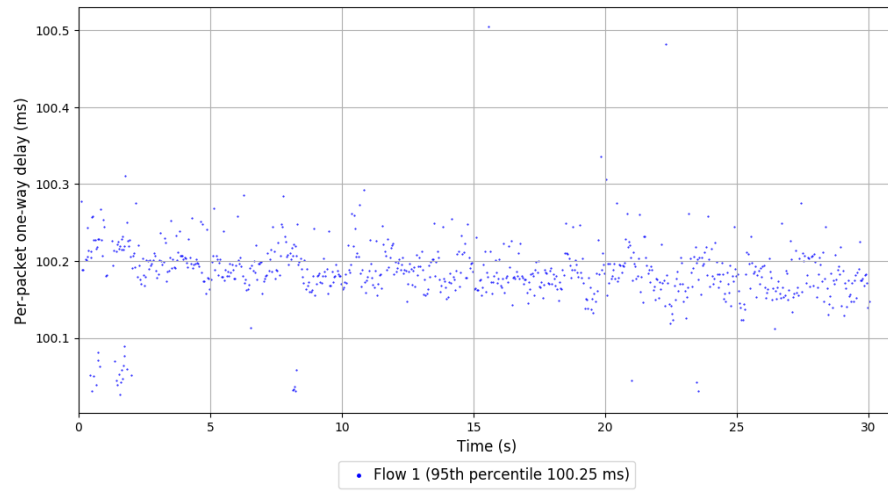
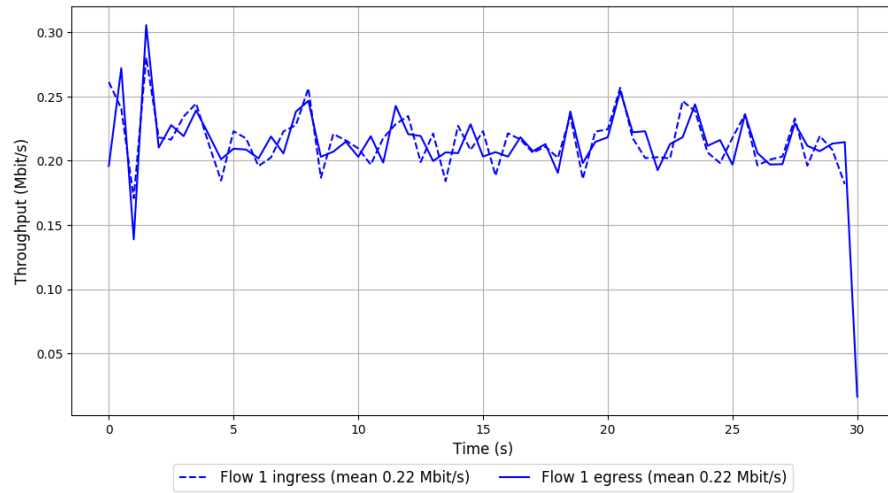
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 100.245 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

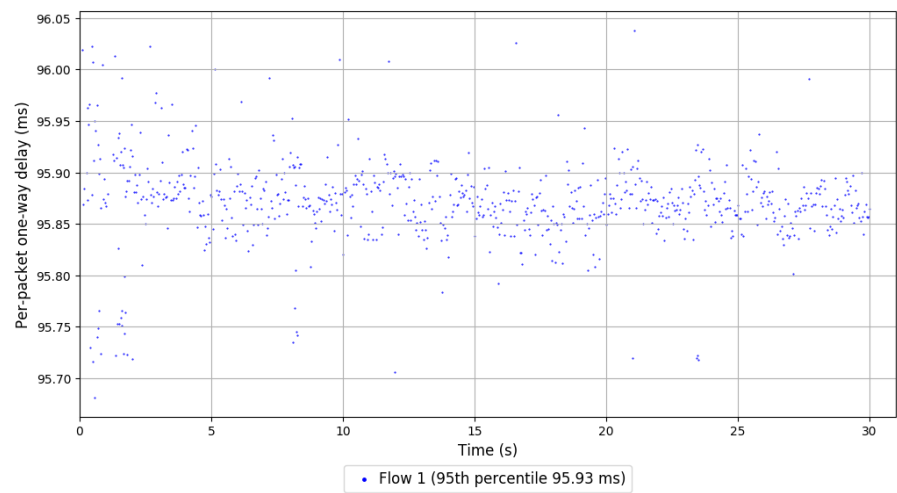
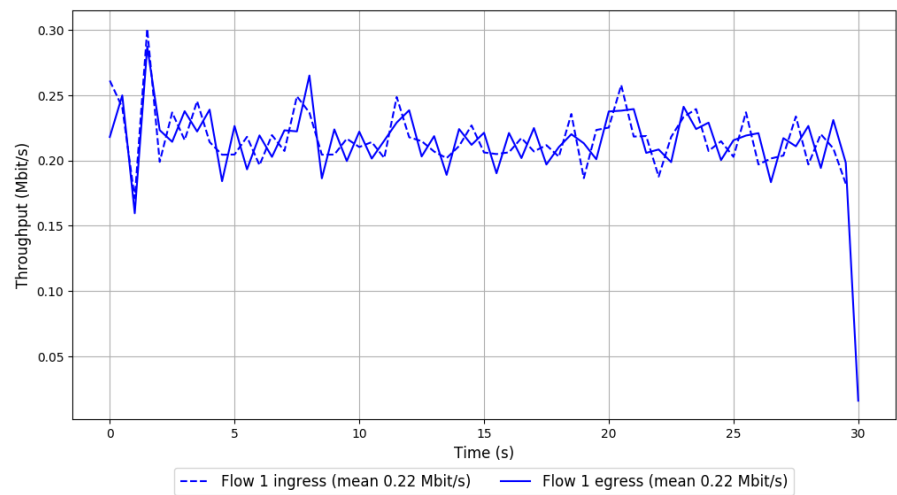


Run 8: Statistics of SCReAM

Start at: 2018-02-04 10:35:29
End at: 2018-02-04 10:35:59
Local clock offset: -0.117 ms
Remote clock offset: -1.669 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 95.931 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 95.931 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-02-04 10:57:42

End at: 2018-02-04 10:58:12

Local clock offset: -0.119 ms

Remote clock offset: 2.965 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 102.874 ms

Loss rate: 0.00%

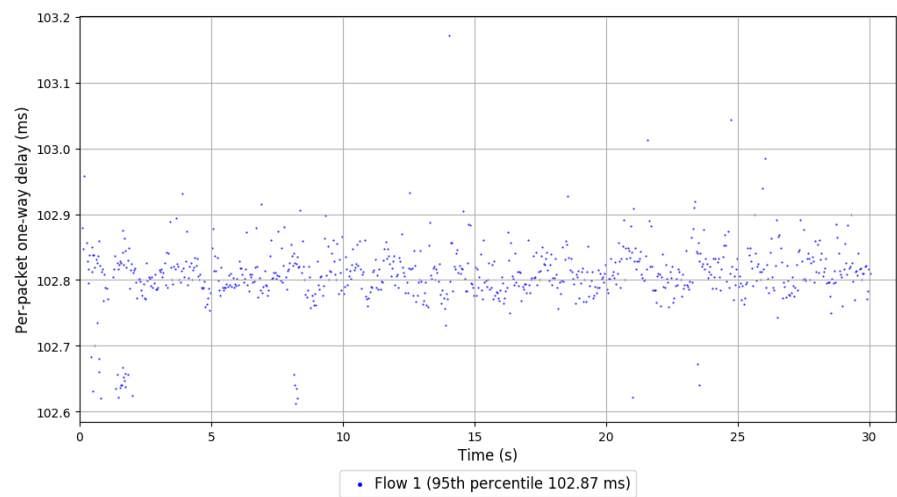
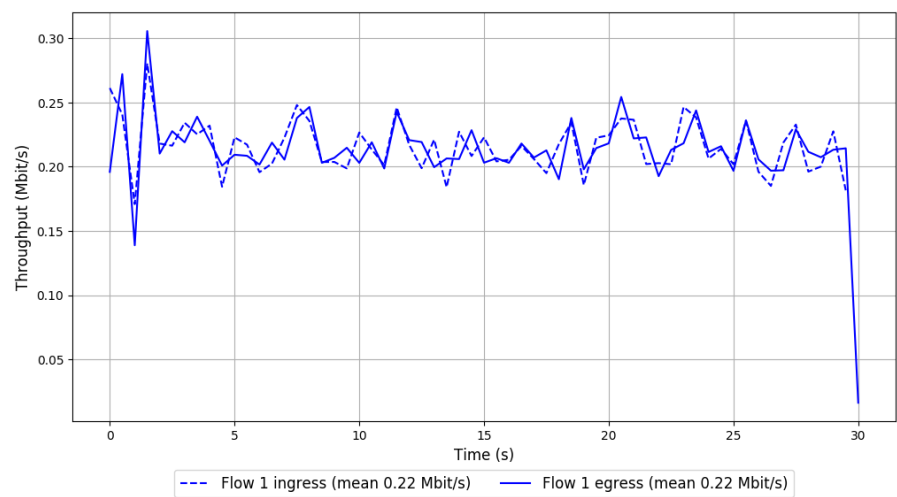
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 102.874 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

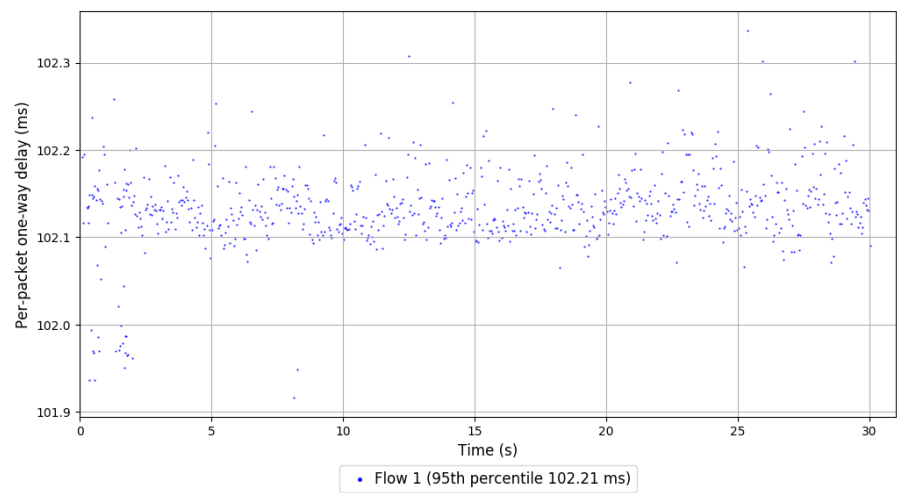
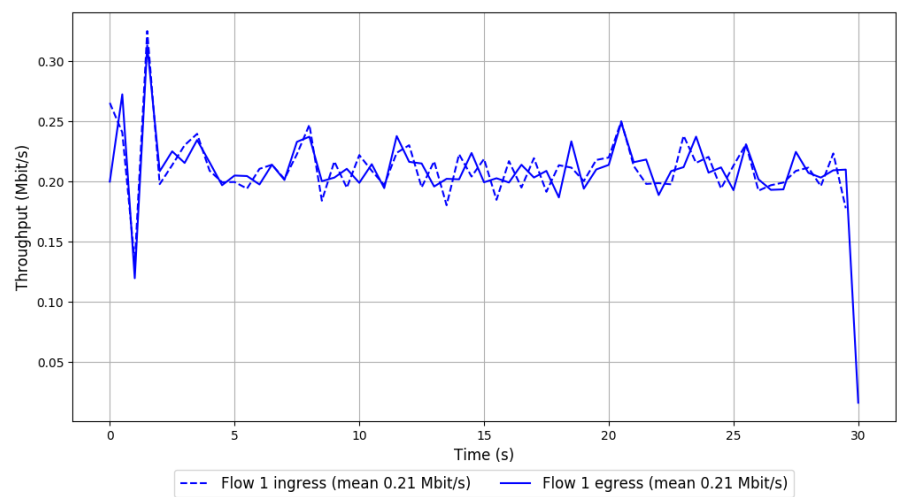


Run 10: Statistics of SReAM

Start at: 2018-02-04 11:19:49
End at: 2018-02-04 11:20:19
Local clock offset: -0.162 ms
Remote clock offset: -3.709 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 102.206 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 102.206 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-02-04 07:47:25

End at: 2018-02-04 07:47:55

Local clock offset: -0.168 ms

Remote clock offset: -0.94 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 101.720 ms

Loss rate: 0.00%

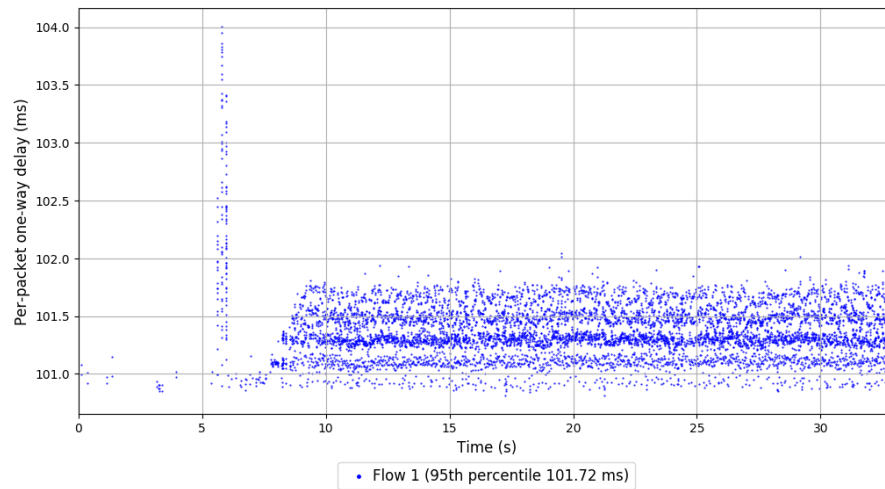
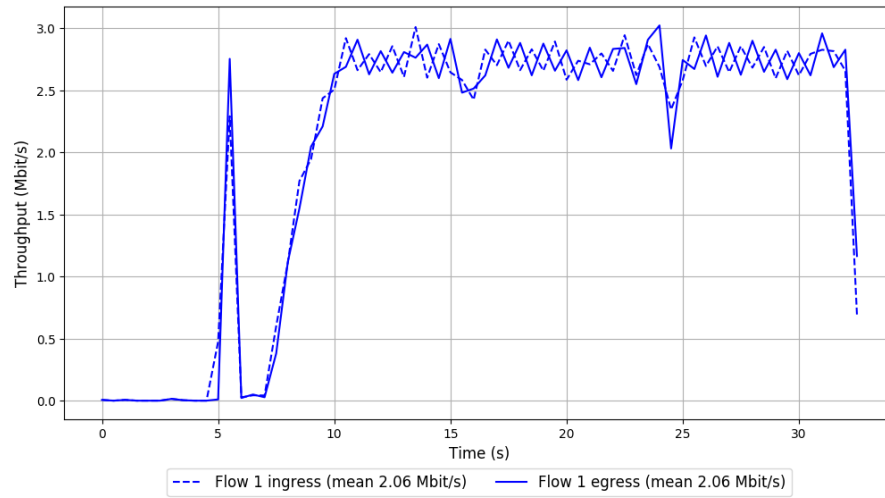
-- Flow 1:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 101.720 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-02-04 08:09:31

End at: 2018-02-04 08:10:01

Local clock offset: -0.146 ms

Remote clock offset: 4.352 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.07 Mbit/s

95th percentile per-packet one-way delay: 101.086 ms

Loss rate: 0.00%

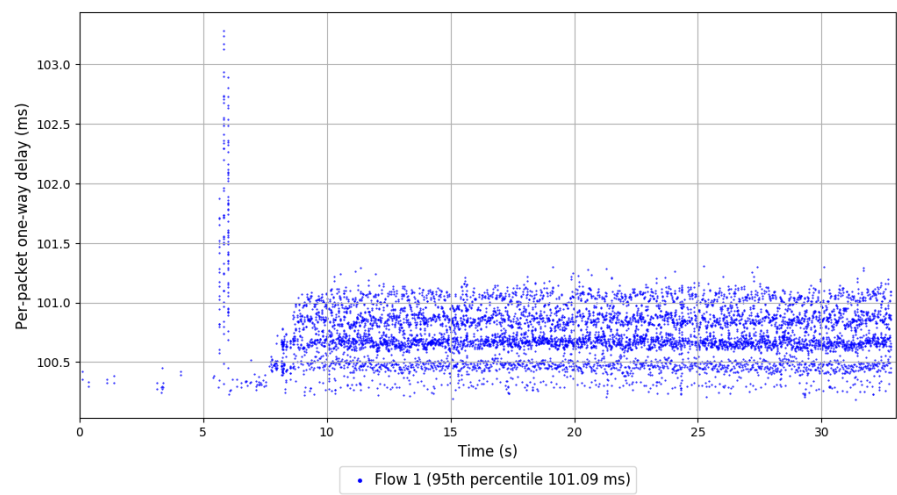
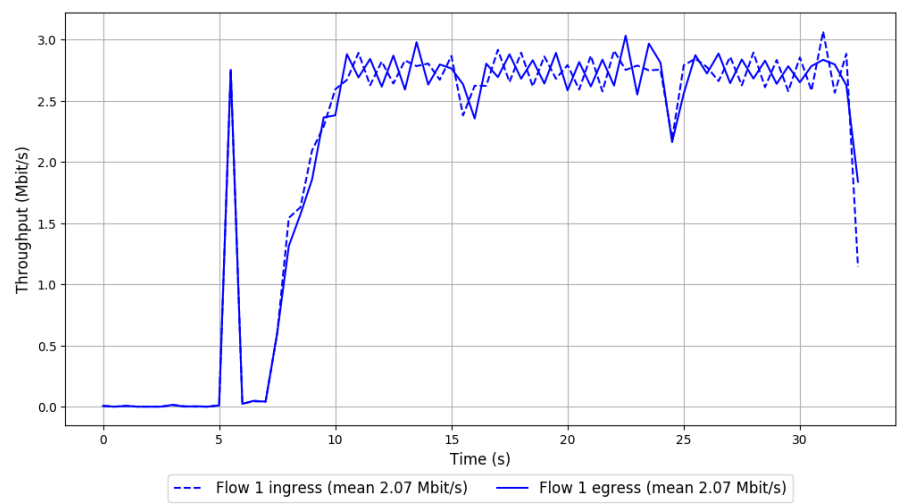
-- Flow 1:

Average throughput: 2.07 Mbit/s

95th percentile per-packet one-way delay: 101.086 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

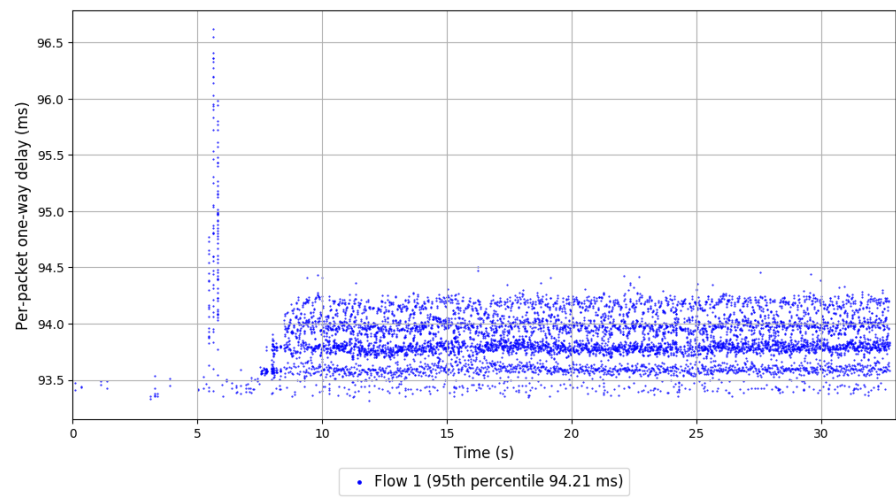
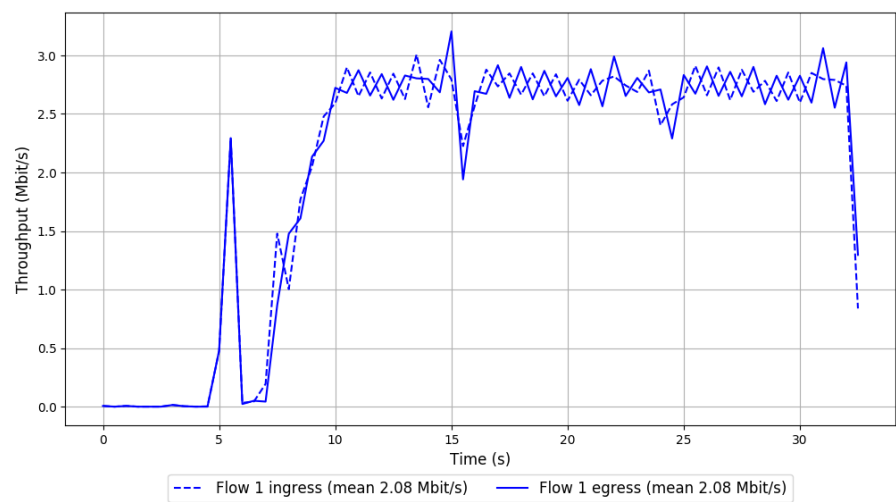


Run 3: Statistics of WebRTC media

Start at: 2018-02-04 08:31:46
End at: 2018-02-04 08:32:16
Local clock offset: -0.098 ms
Remote clock offset: -2.745 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 94.210 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 94.210 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

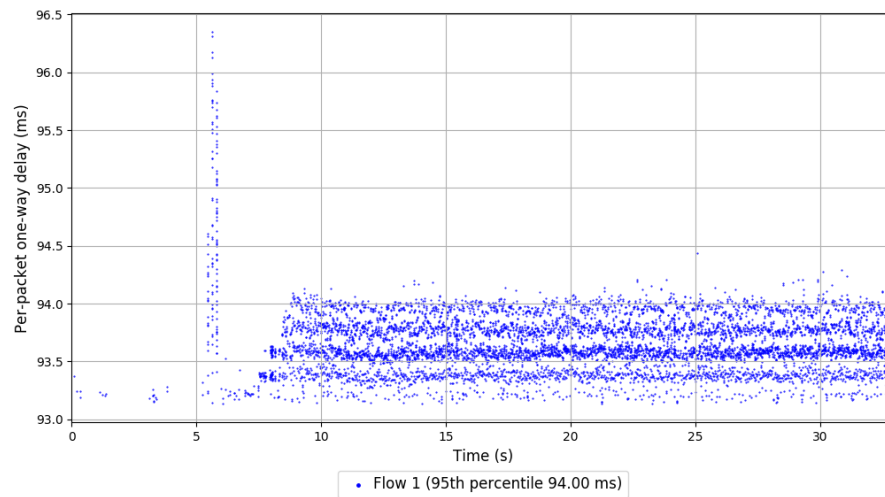
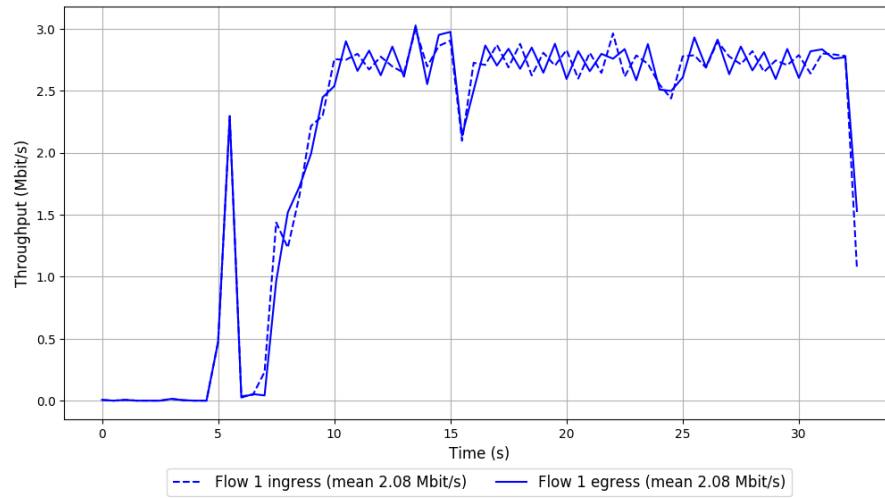


Run 4: Statistics of WebRTC media

Start at: 2018-02-04 08:54:17
End at: 2018-02-04 08:54:47
Local clock offset: -0.092 ms
Remote clock offset: -3.252 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 94.001 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 94.001 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

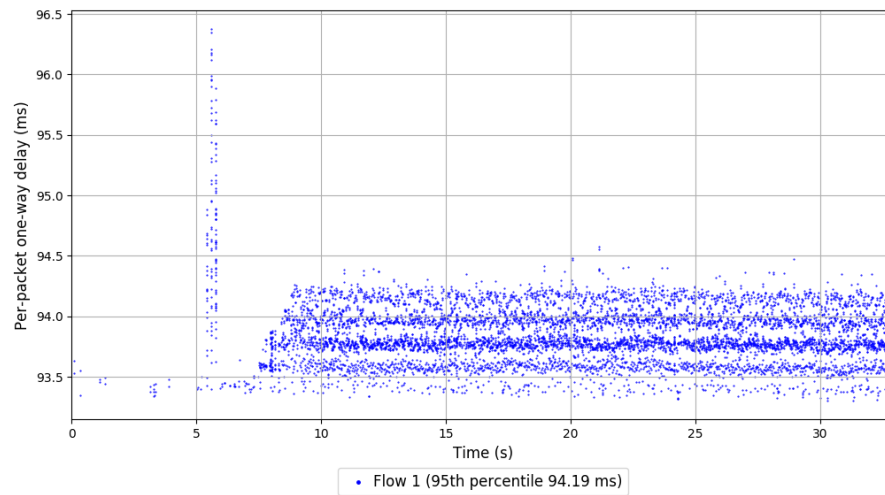
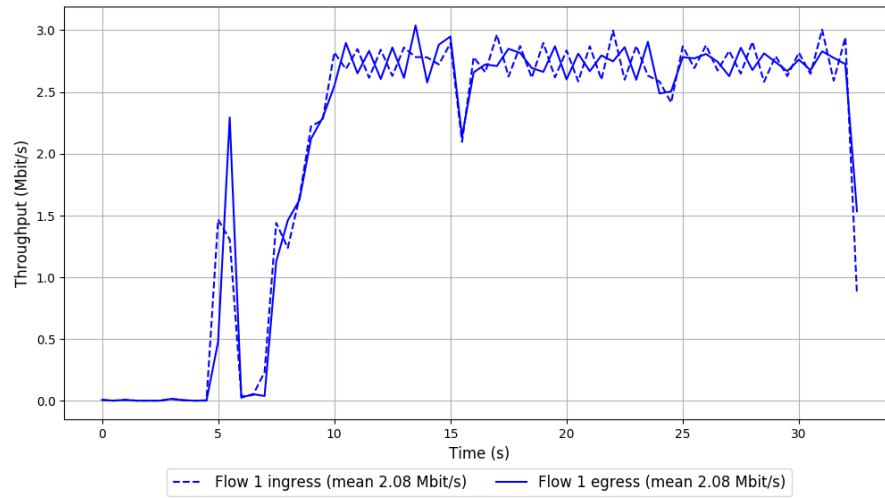


Run 5: Statistics of WebRTC media

Start at: 2018-02-04 09:17:11
End at: 2018-02-04 09:17:41
Local clock offset: -0.122 ms
Remote clock offset: -3.762 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 94.192 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 94.192 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

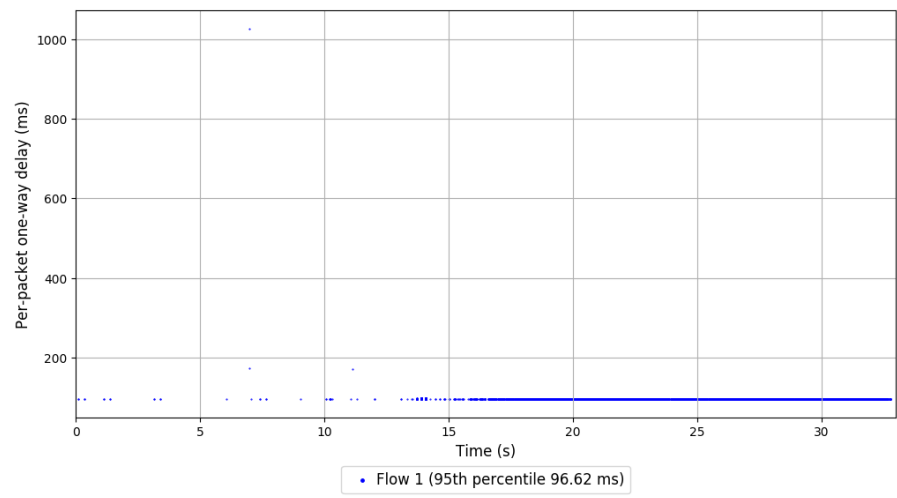
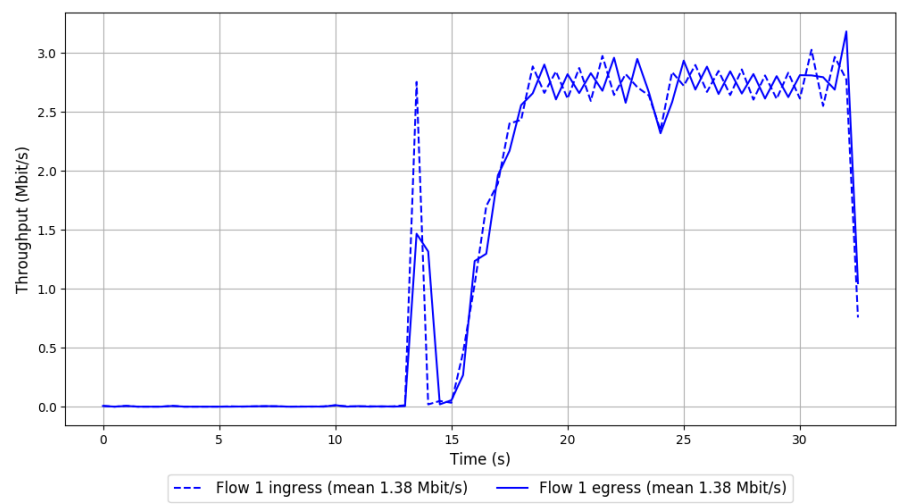


Run 6: Statistics of WebRTC media

Start at: 2018-02-04 09:39:45
End at: 2018-02-04 09:40:15
Local clock offset: -0.153 ms
Remote clock offset: -2.291 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 96.621 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 96.621 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

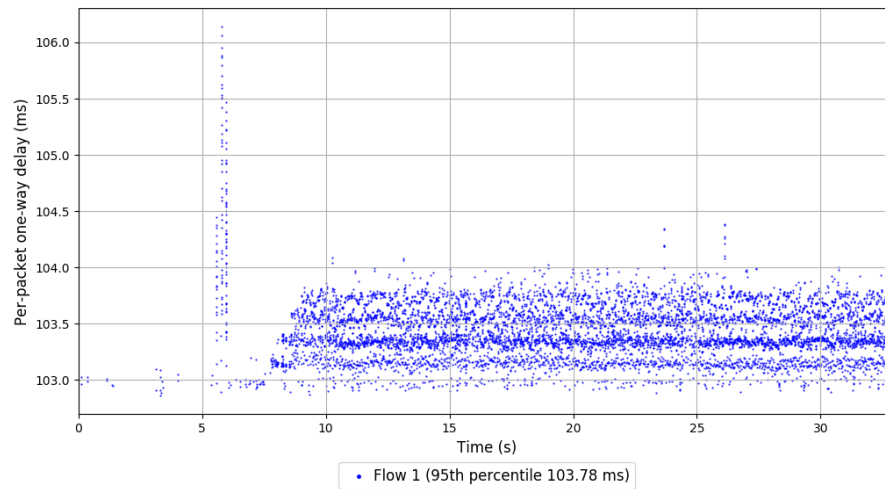
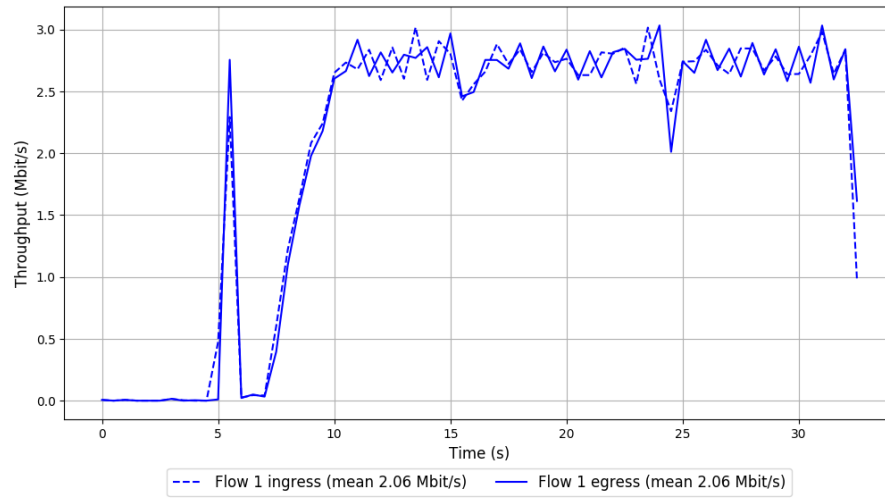


Run 7: Statistics of WebRTC media

Start at: 2018-02-04 10:02:11
End at: 2018-02-04 10:02:41
Local clock offset: -0.156 ms
Remote clock offset: -2.647 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 103.784 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 103.784 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

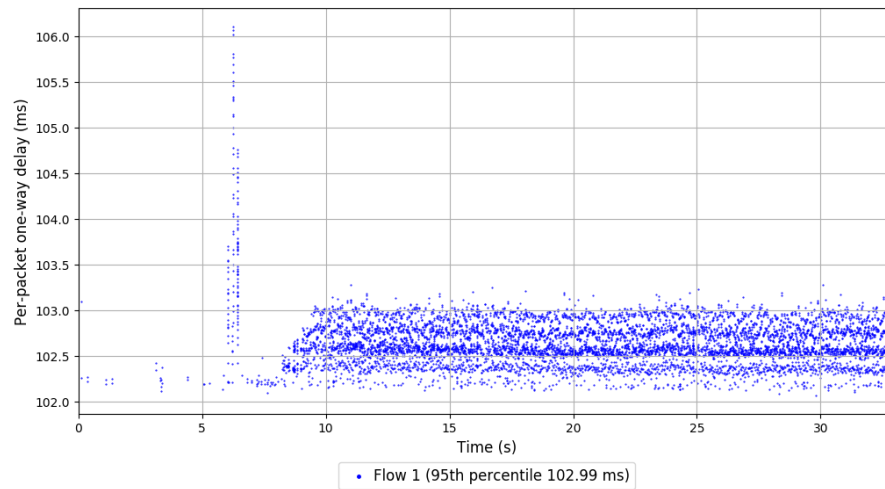
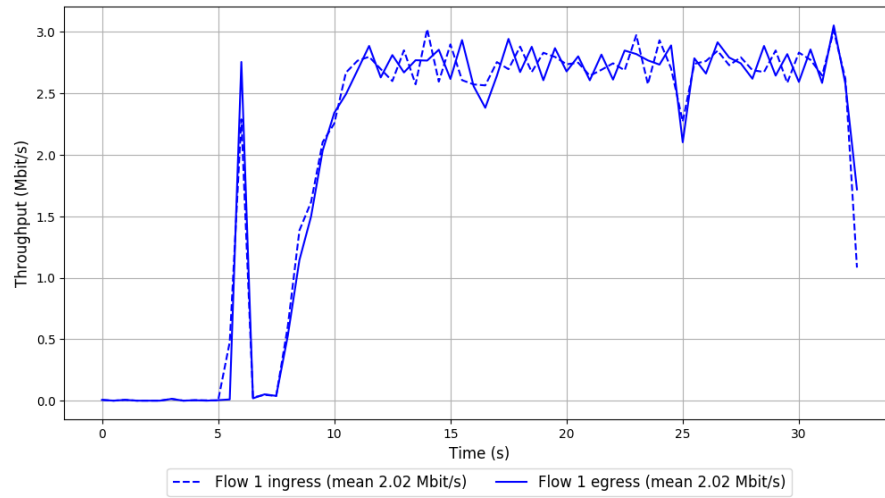


Run 8: Statistics of WebRTC media

Start at: 2018-02-04 10:24:24
End at: 2018-02-04 10:24:54
Local clock offset: -0.195 ms
Remote clock offset: -2.918 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 102.992 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 102.992 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-02-04 10:46:38

End at: 2018-02-04 10:47:08

Local clock offset: -0.176 ms

Remote clock offset: 4.226 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.08 Mbit/s

95th percentile per-packet one-way delay: 100.770 ms

Loss rate: 0.00%

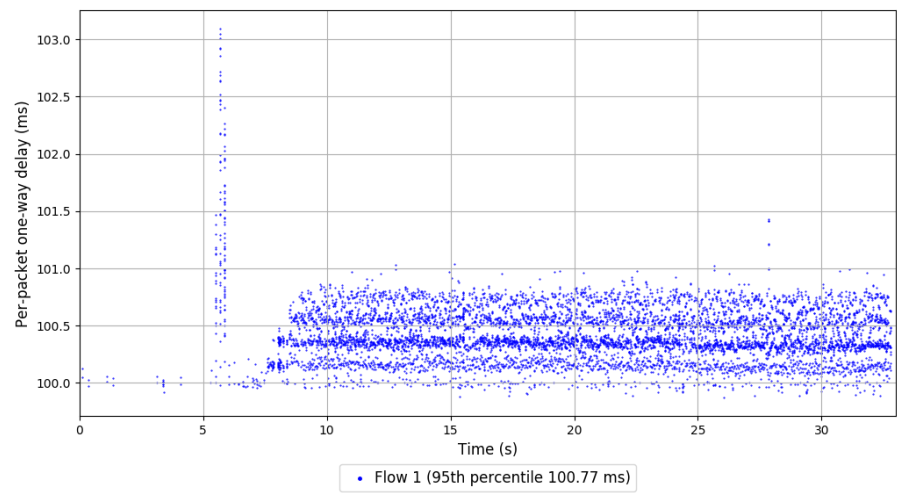
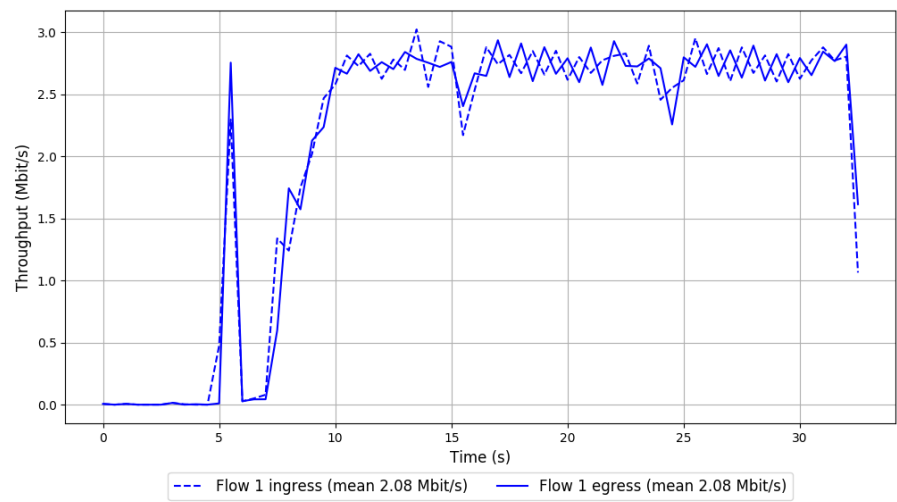
-- Flow 1:

Average throughput: 2.08 Mbit/s

95th percentile per-packet one-way delay: 100.770 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-04 11:08:45

End at: 2018-02-04 11:09:15

Local clock offset: -0.131 ms

Remote clock offset: 1.567 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 107.868 ms

Loss rate: 0.00%

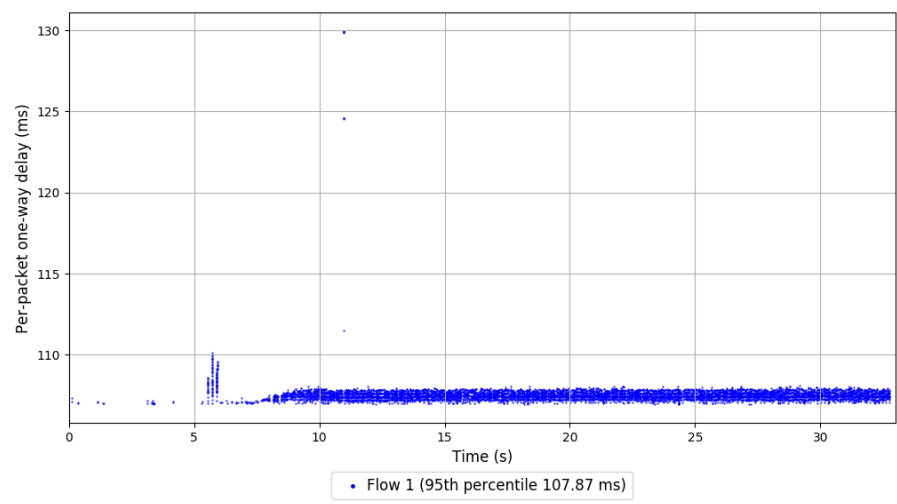
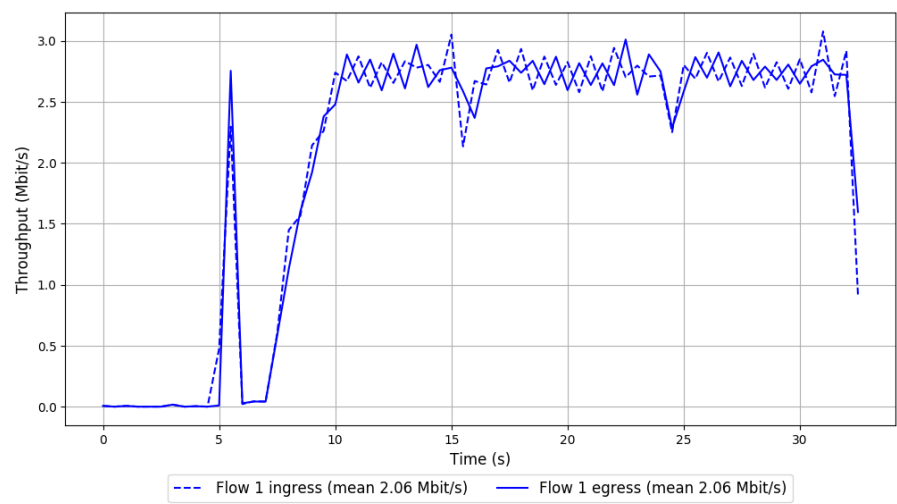
-- Flow 1:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 107.868 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2018-02-04 07:59:37

End at: 2018-02-04 08:00:07

Local clock offset: -0.177 ms

Remote clock offset: 2.893 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.33 Mbit/s

95th percentile per-packet one-way delay: 108.283 ms

Loss rate: 0.00%

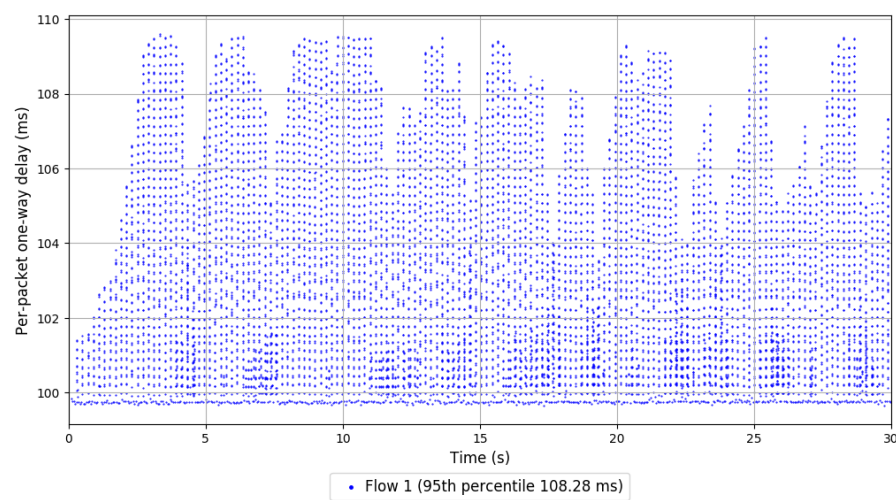
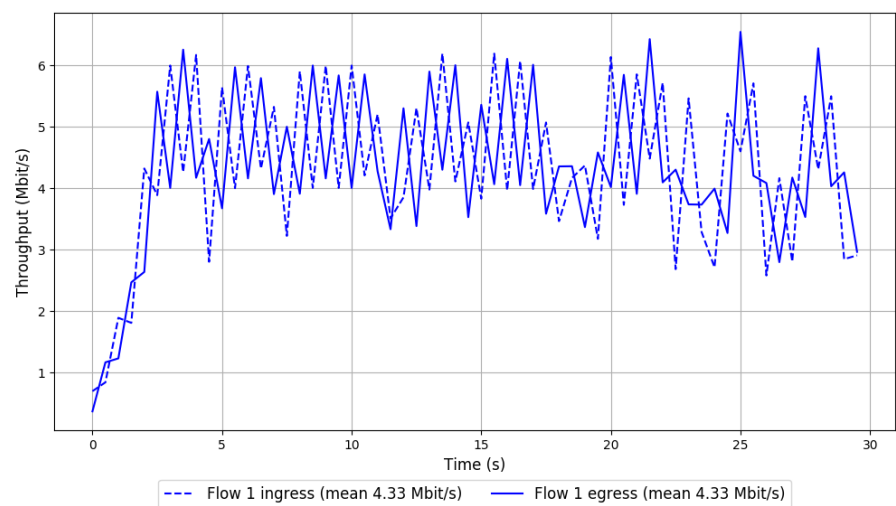
-- Flow 1:

Average throughput: 4.33 Mbit/s

95th percentile per-packet one-way delay: 108.283 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

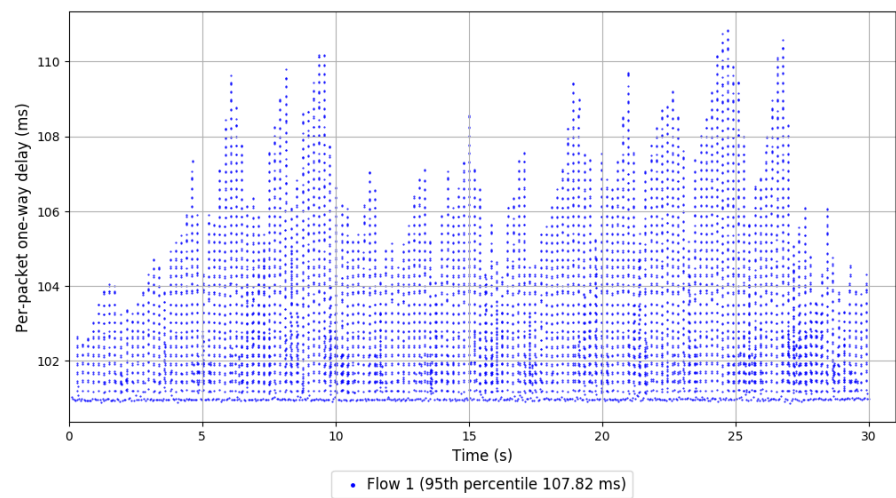
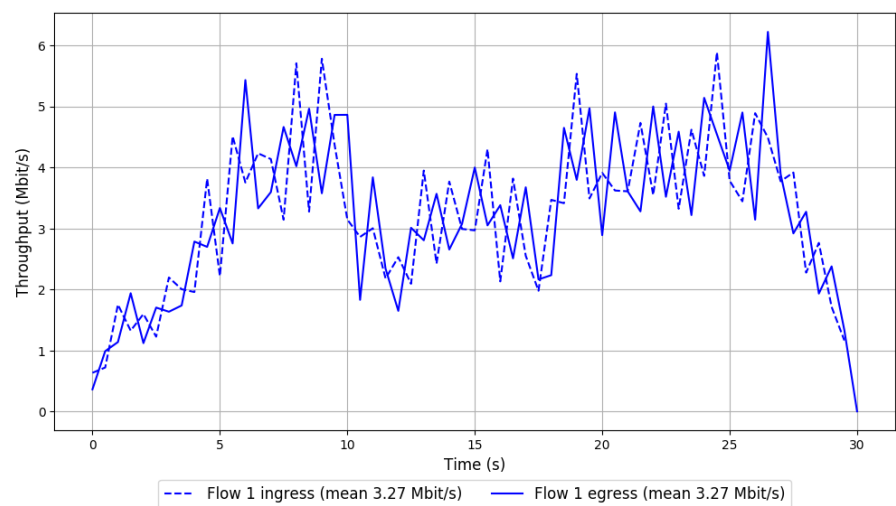


Run 2: Statistics of Sprout

Start at: 2018-02-04 08:21:48
End at: 2018-02-04 08:22:18
Local clock offset: -0.134 ms
Remote clock offset: -1.656 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.27 Mbit/s
95th percentile per-packet one-way delay: 107.819 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.27 Mbit/s
95th percentile per-packet one-way delay: 107.819 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

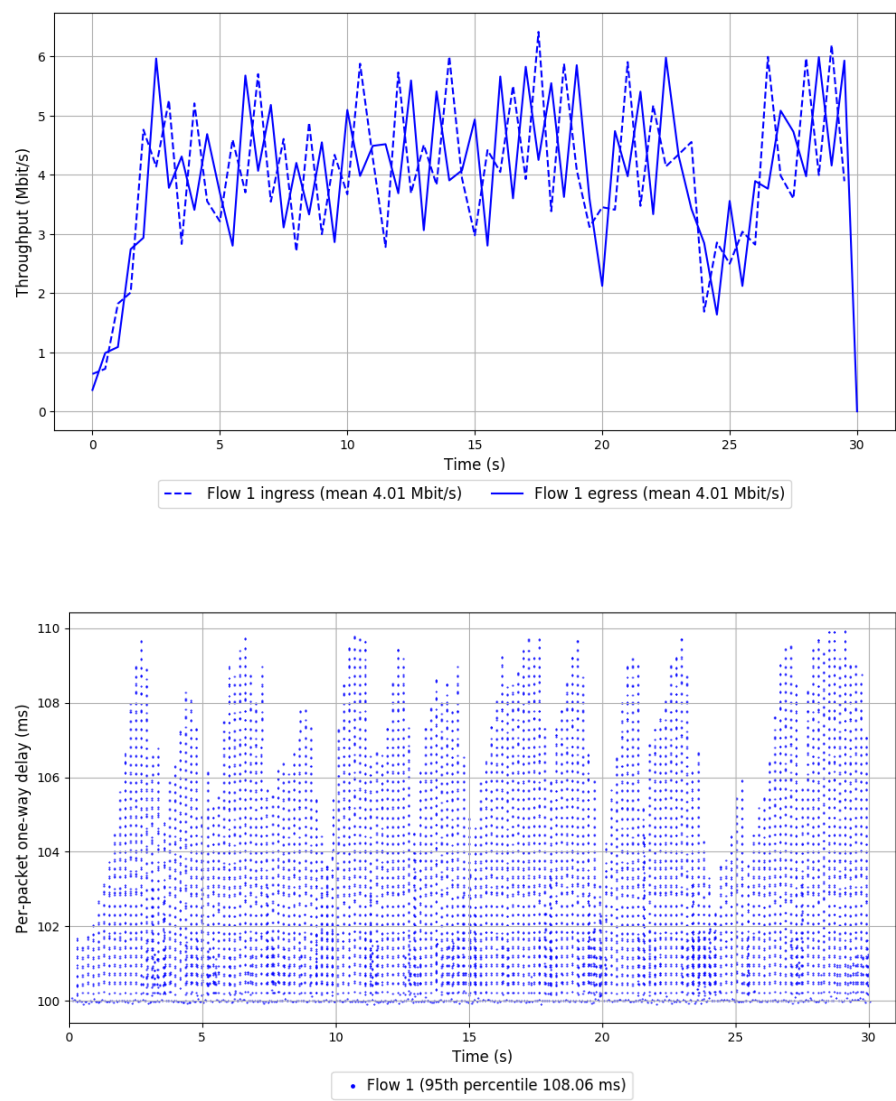


Run 3: Statistics of Sprout

Start at: 2018-02-04 08:44:00
End at: 2018-02-04 08:44:30
Local clock offset: -0.095 ms
Remote clock offset: 1.792 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 108.060 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 108.060 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-02-04 09:07:01

End at: 2018-02-04 09:07:31

Local clock offset: -0.11 ms

Remote clock offset: 2.937 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.17 Mbit/s

95th percentile per-packet one-way delay: 110.745 ms

Loss rate: 0.00%

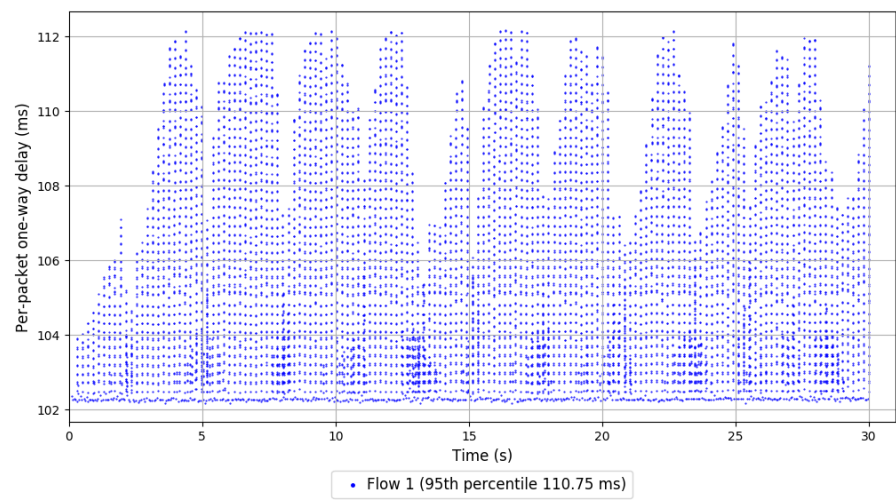
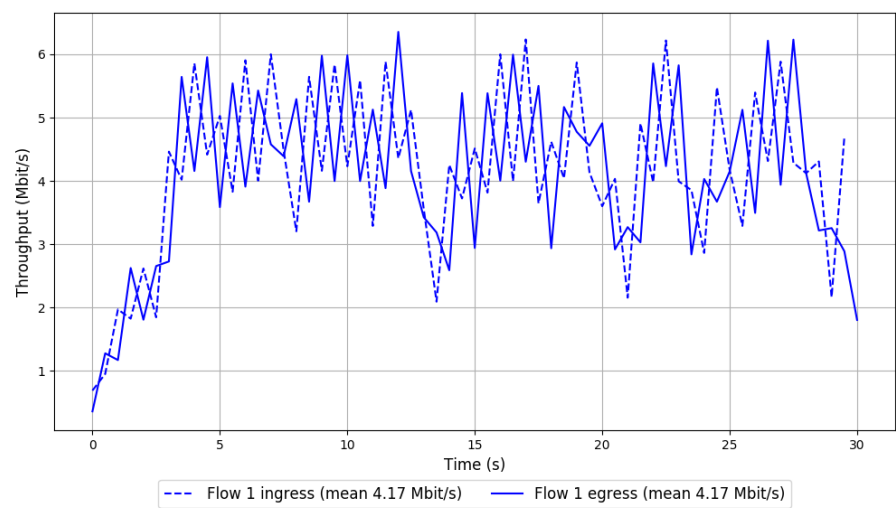
-- Flow 1:

Average throughput: 4.17 Mbit/s

95th percentile per-packet one-way delay: 110.745 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-02-04 09:29:27

End at: 2018-02-04 09:29:57

Local clock offset: -0.217 ms

Remote clock offset: 2.421 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.35 Mbit/s

95th percentile per-packet one-way delay: 112.446 ms

Loss rate: 0.00%

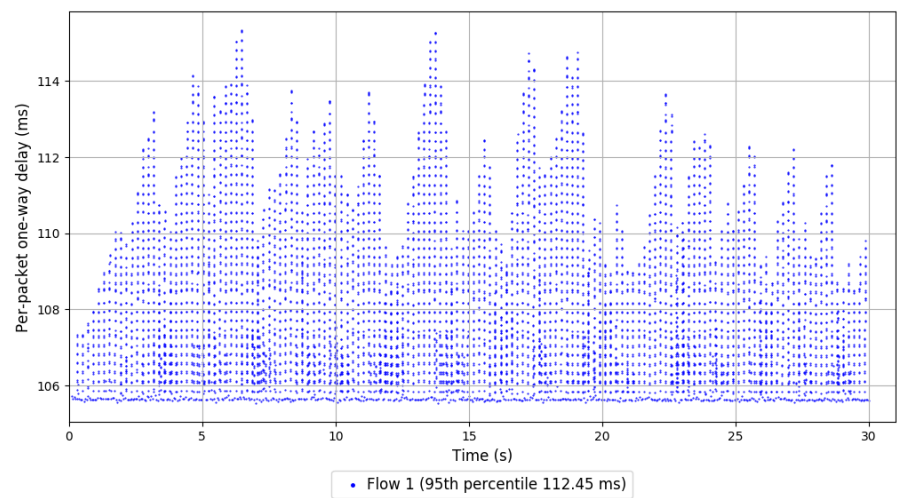
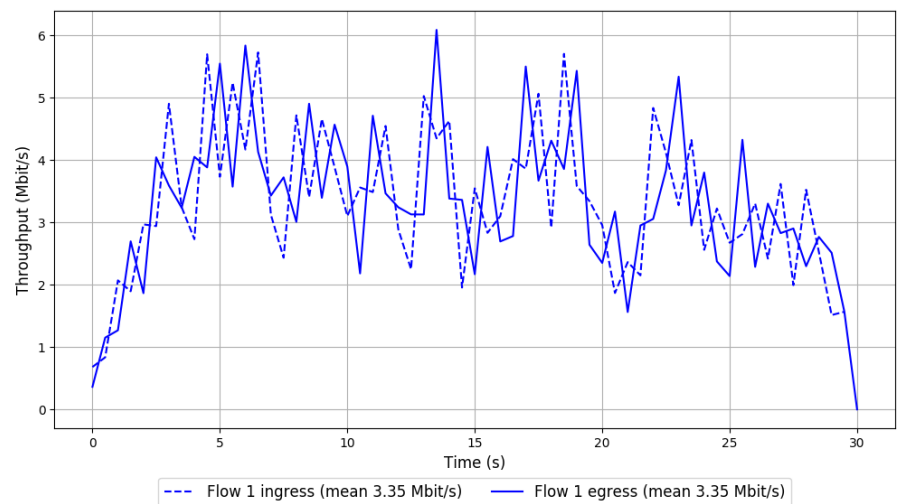
-- Flow 1:

Average throughput: 3.35 Mbit/s

95th percentile per-packet one-way delay: 112.446 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

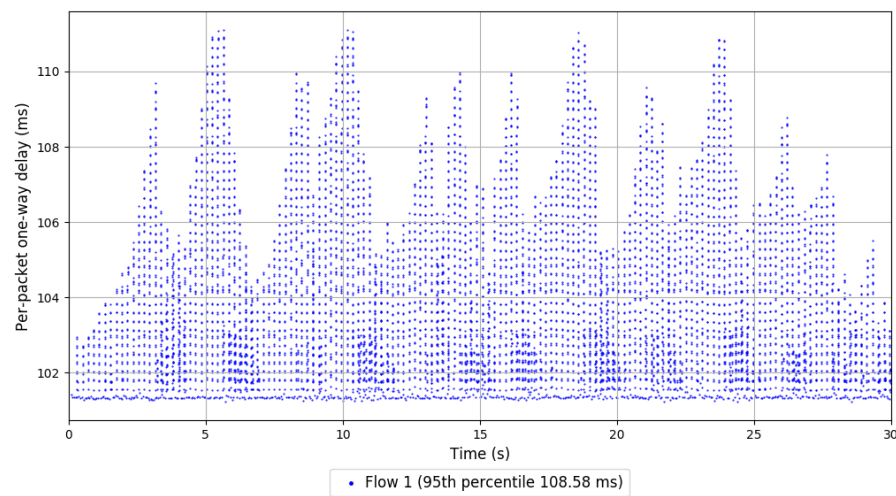
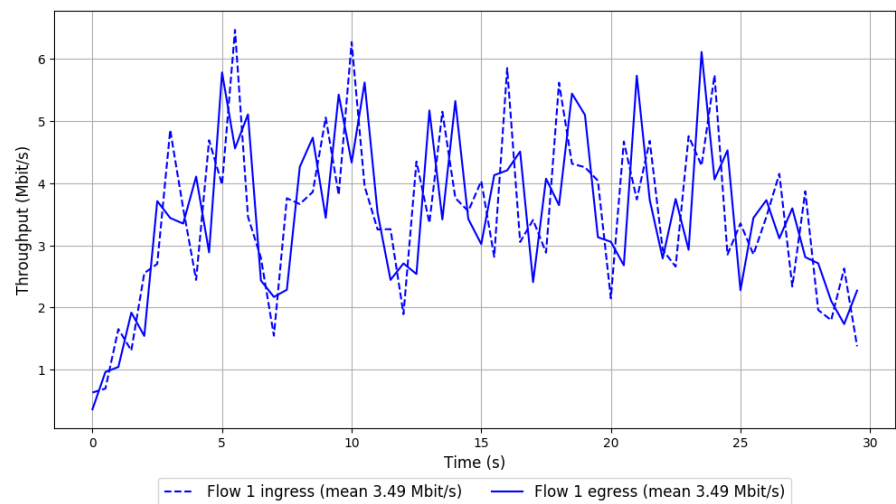


Run 6: Statistics of Sprout

Start at: 2018-02-04 09:52:14
End at: 2018-02-04 09:52:44
Local clock offset: -0.154 ms
Remote clock offset: -2.356 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 108.575 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 108.575 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

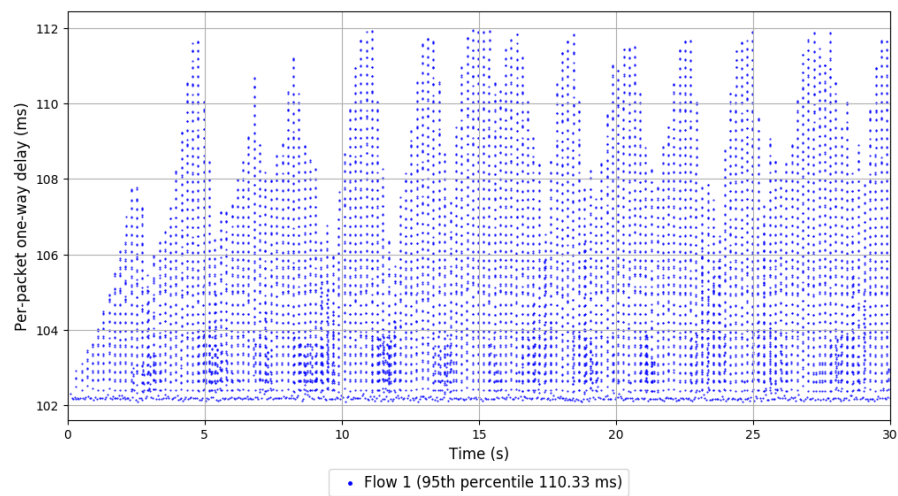
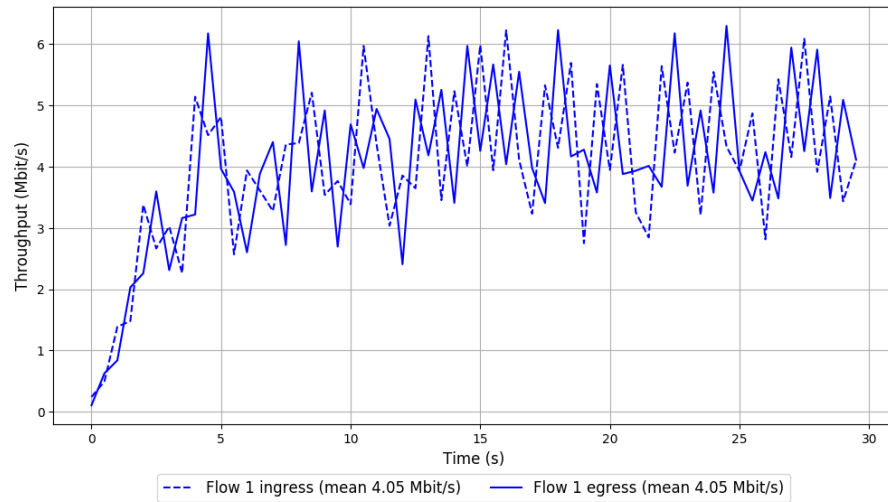


Run 7: Statistics of Sprout

Start at: 2018-02-04 10:14:30
End at: 2018-02-04 10:15:00
Local clock offset: -0.175 ms
Remote clock offset: 2.302 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 110.325 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 110.325 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

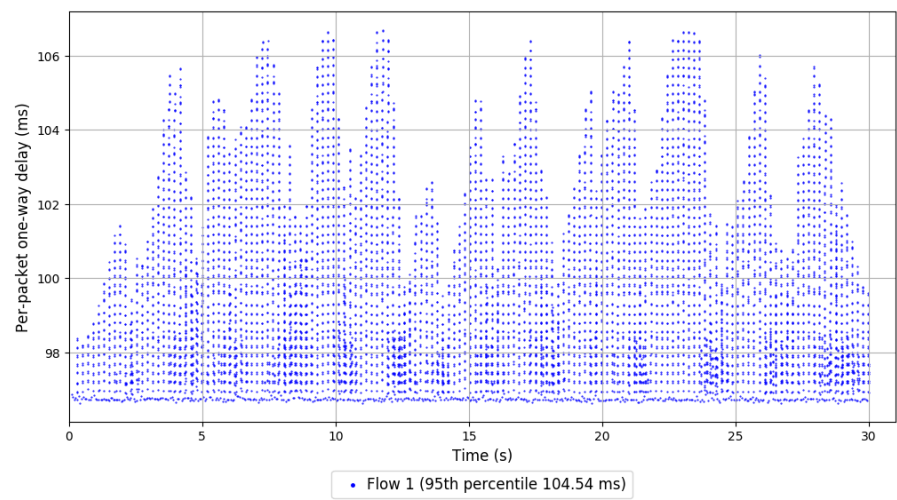
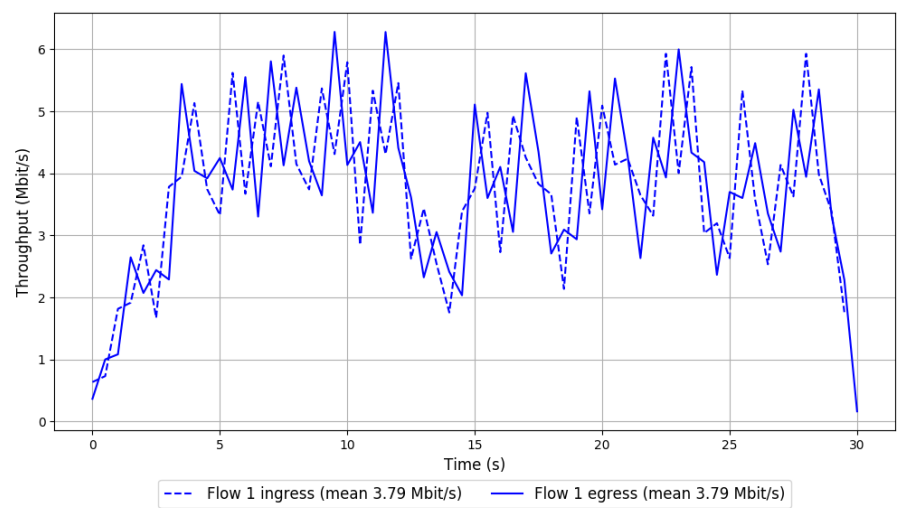


Run 8: Statistics of Sprout

Start at: 2018-02-04 10:36:38
End at: 2018-02-04 10:37:08
Local clock offset: -0.118 ms
Remote clock offset: -2.554 ms

Below is generated by plot.py at 2018-02-04 12:00:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 104.536 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 104.536 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-02-04 10:58:51

End at: 2018-02-04 10:59:21

Local clock offset: -0.134 ms

Remote clock offset: 2.821 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.12 Mbit/s

95th percentile per-packet one-way delay: 114.127 ms

Loss rate: 0.00%

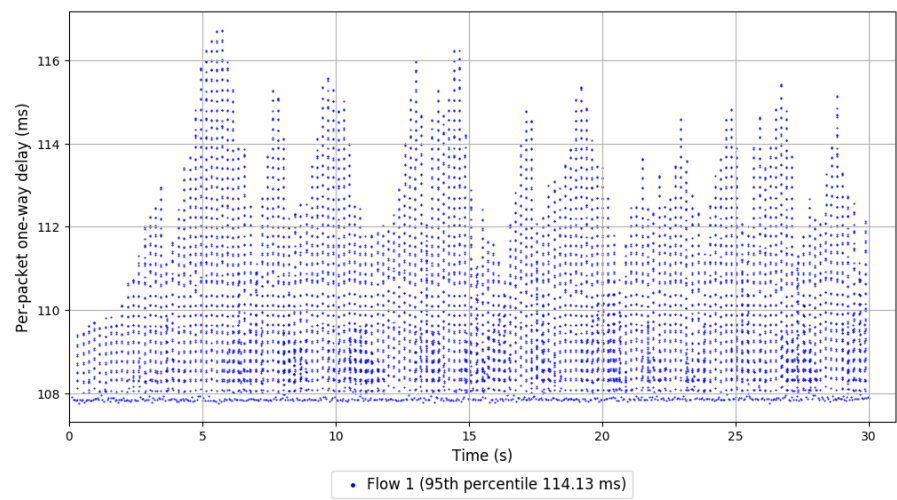
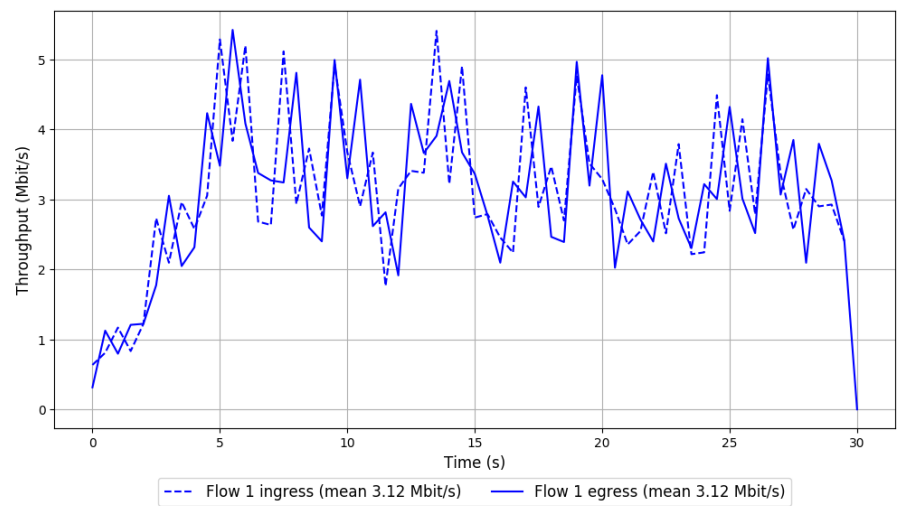
-- Flow 1:

Average throughput: 3.12 Mbit/s

95th percentile per-packet one-way delay: 114.127 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-02-04 11:20:58

End at: 2018-02-04 11:21:28

Local clock offset: -0.103 ms

Remote clock offset: 1.833 ms

Below is generated by plot.py at 2018-02-04 12:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.82 Mbit/s

95th percentile per-packet one-way delay: 108.948 ms

Loss rate: 0.00%

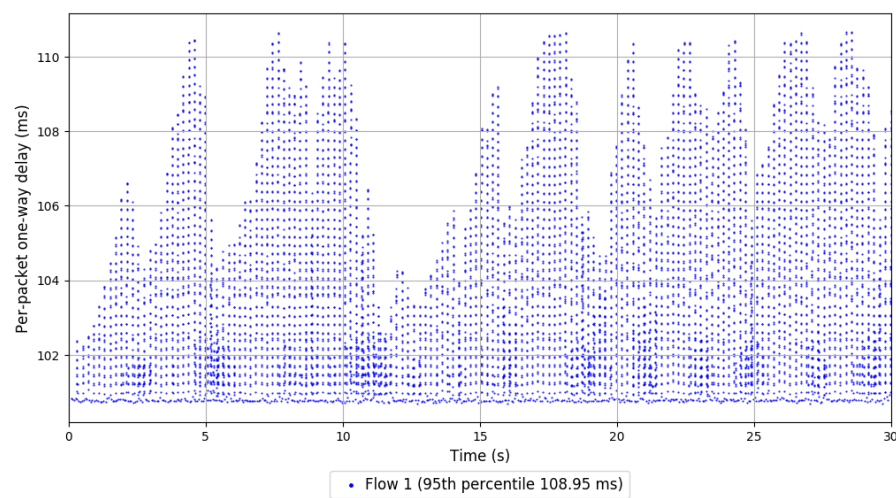
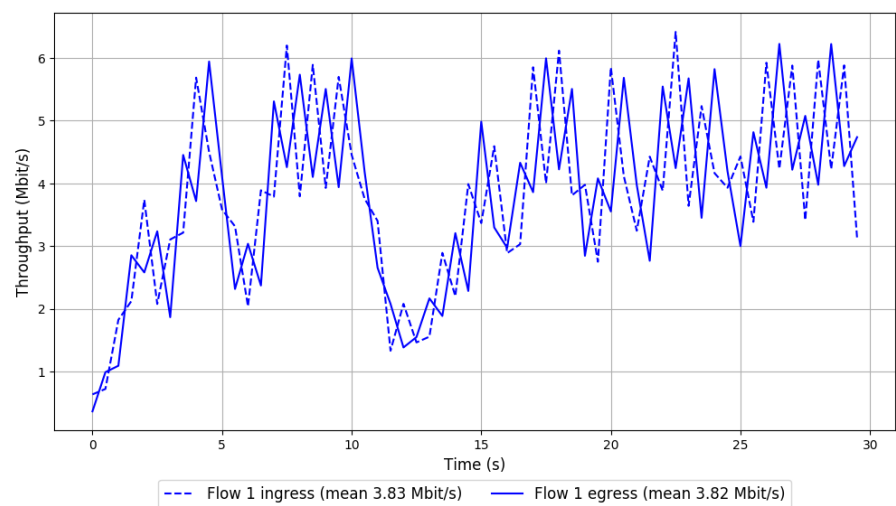
-- Flow 1:

Average throughput: 3.82 Mbit/s

95th percentile per-packet one-way delay: 108.948 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

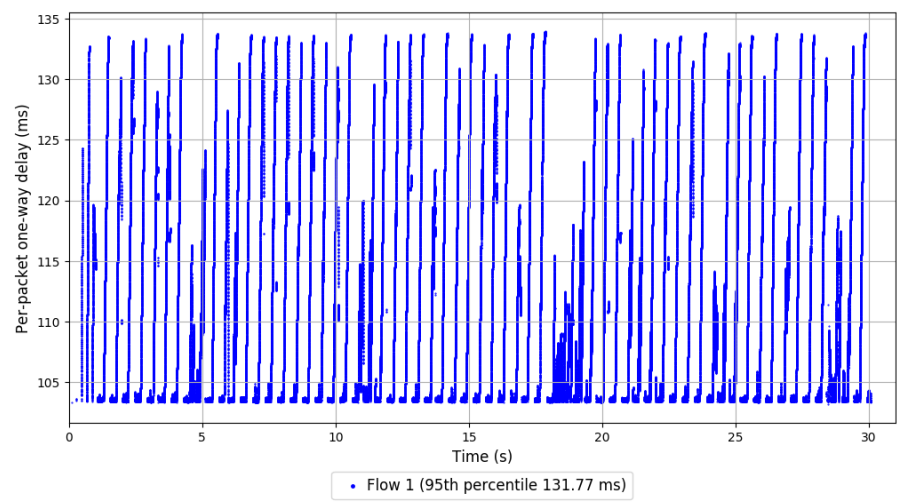
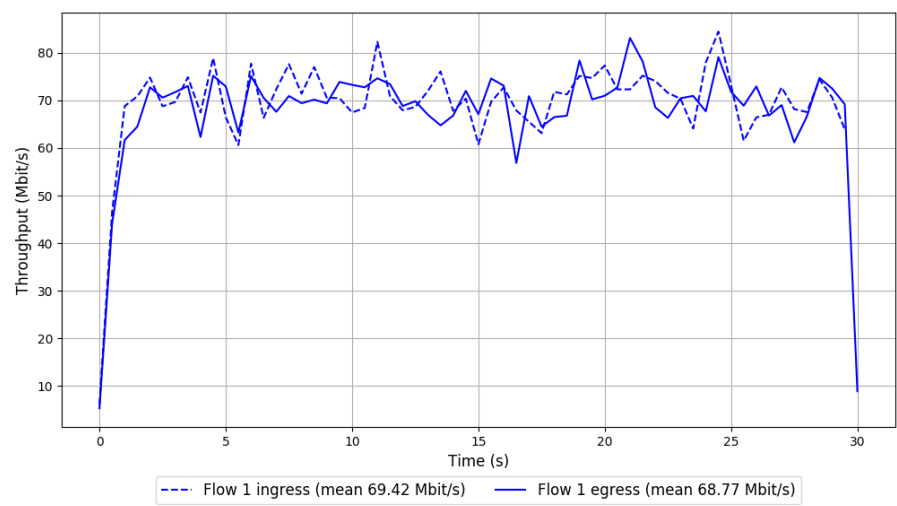


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-02-04 07:53:28
End at: 2018-02-04 07:53:58
Local clock offset: -0.115 ms
Remote clock offset: 2.983 ms

# Below is generated by plot.py at 2018-02-04 12:01:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.77 Mbit/s
95th percentile per-packet one-way delay: 131.774 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 68.77 Mbit/s
95th percentile per-packet one-way delay: 131.774 ms
Loss rate: 0.96%
```

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

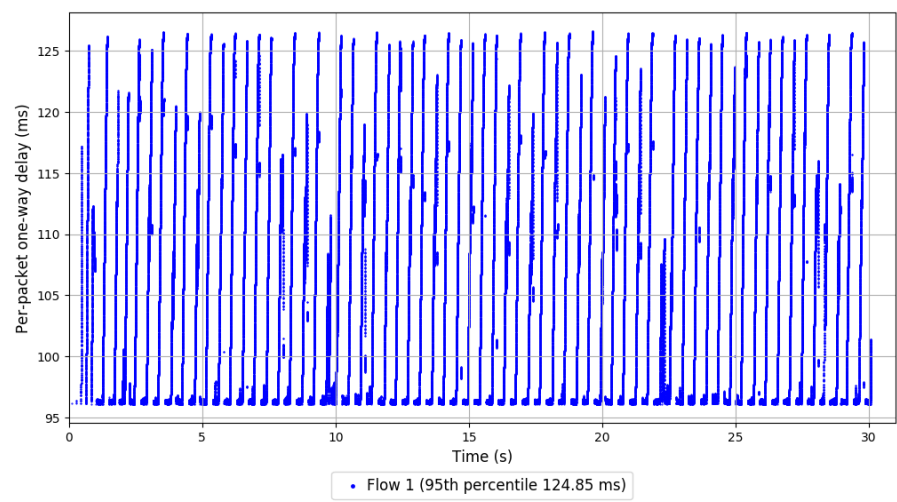
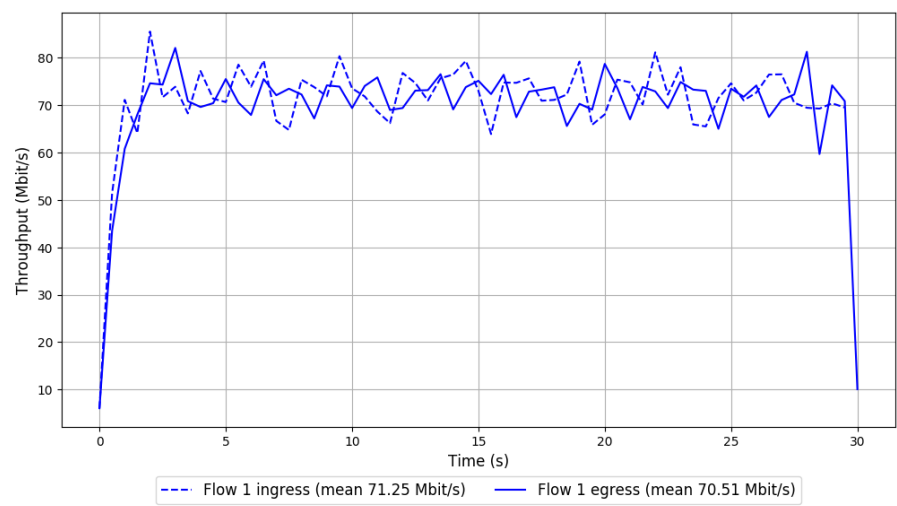


Run 2: Statistics of TaoVA-100x

Start at: 2018-02-04 08:15:34
End at: 2018-02-04 08:16:04
Local clock offset: -0.152 ms
Remote clock offset: -1.475 ms

Below is generated by plot.py at 2018-02-04 12:01:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.51 Mbit/s
95th percentile per-packet one-way delay: 124.849 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 70.51 Mbit/s
95th percentile per-packet one-way delay: 124.849 ms
Loss rate: 1.03%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-02-04 08:37:49

End at: 2018-02-04 08:38:19

Local clock offset: -0.092 ms

Remote clock offset: 1.934 ms

Below is generated by plot.py at 2018-02-04 12:01:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.29 Mbit/s

95th percentile per-packet one-way delay: 127.820 ms

Loss rate: 1.13%

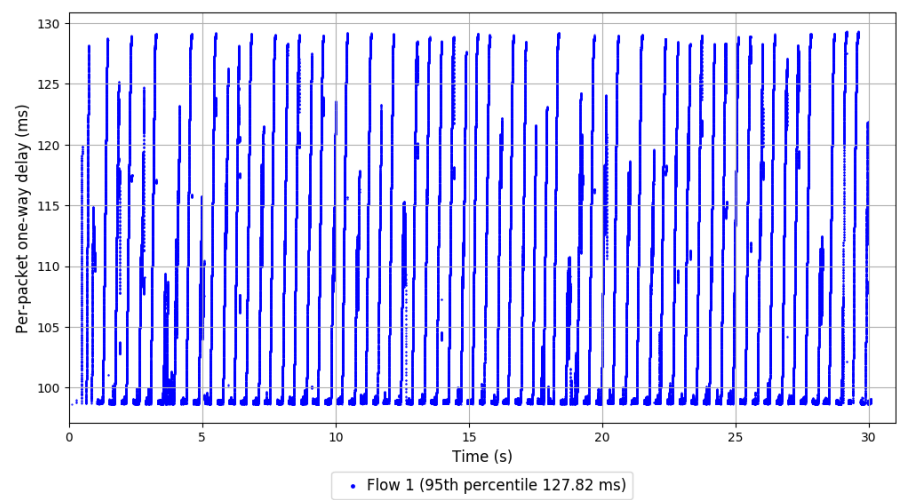
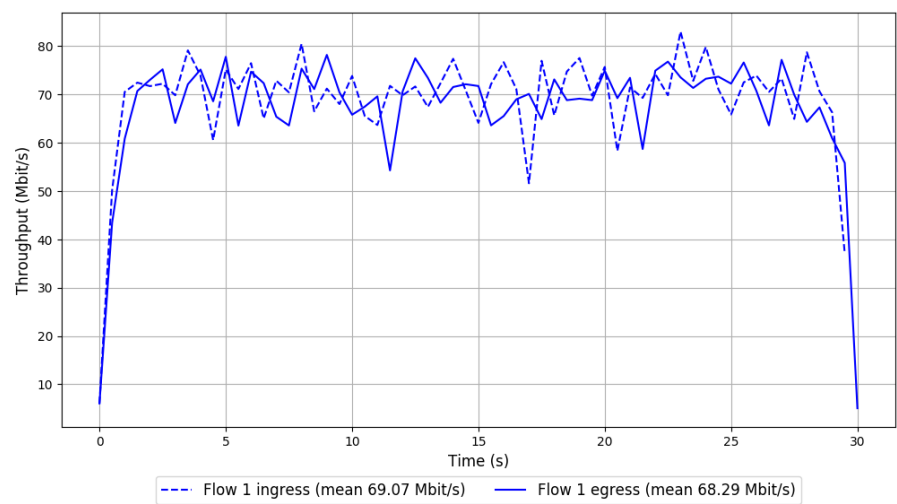
-- Flow 1:

Average throughput: 68.29 Mbit/s

95th percentile per-packet one-way delay: 127.820 ms

Loss rate: 1.13%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-04 09:00:50

End at: 2018-02-04 09:01:20

Local clock offset: -0.106 ms

Remote clock offset: 2.357 ms

Below is generated by plot.py at 2018-02-04 12:01:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.01 Mbit/s

95th percentile per-packet one-way delay: 129.189 ms

Loss rate: 0.90%

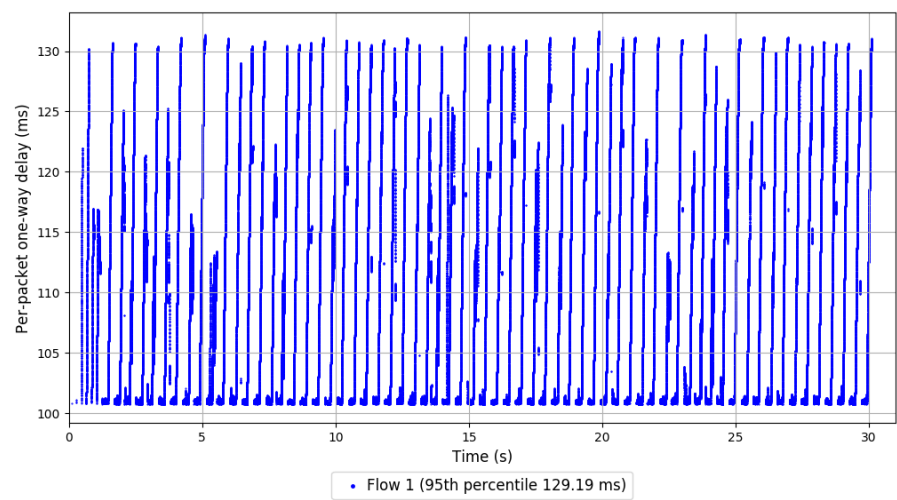
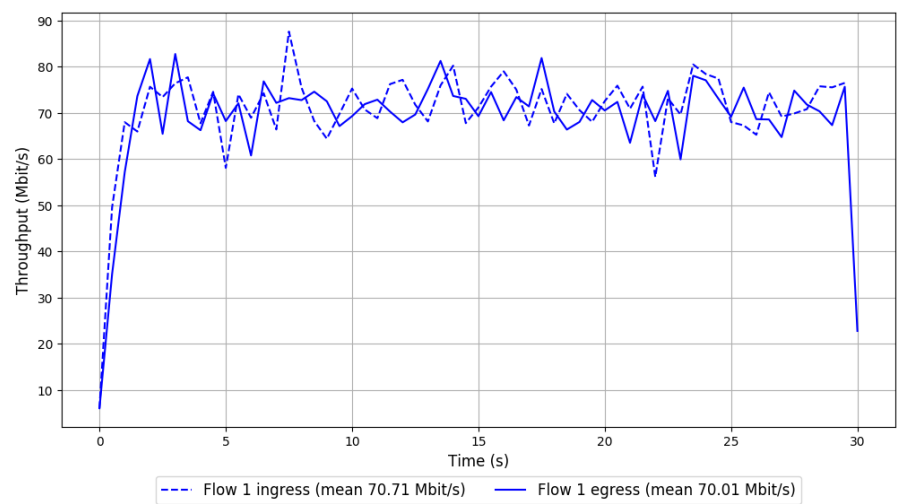
-- Flow 1:

Average throughput: 70.01 Mbit/s

95th percentile per-packet one-way delay: 129.189 ms

Loss rate: 0.90%

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

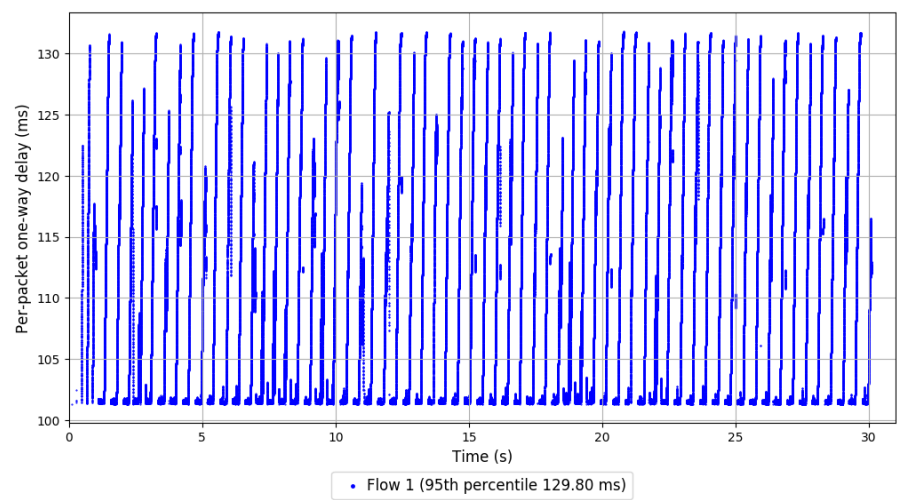
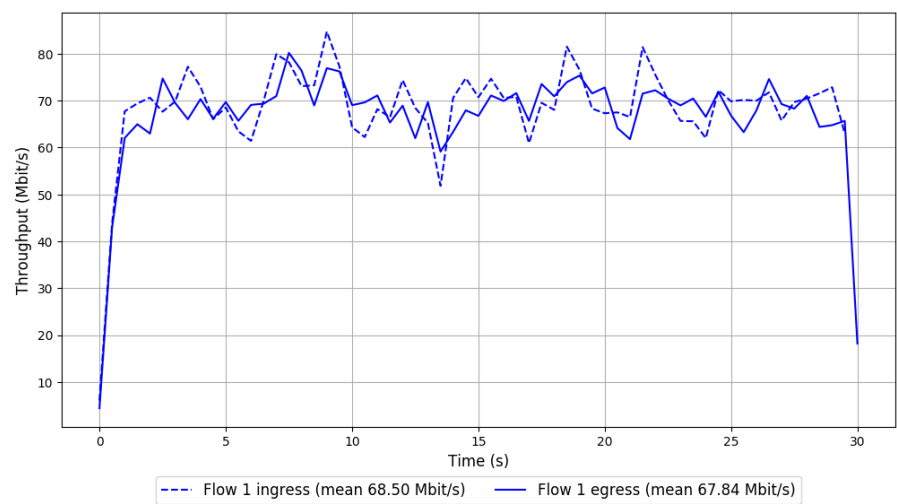


Run 5: Statistics of TaoVA-100x

Start at: 2018-02-04 09:23:17
End at: 2018-02-04 09:23:47
Local clock offset: -0.149 ms
Remote clock offset: -2.722 ms

Below is generated by plot.py at 2018-02-04 12:01:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.84 Mbit/s
95th percentile per-packet one-way delay: 129.799 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 67.84 Mbit/s
95th percentile per-packet one-way delay: 129.799 ms
Loss rate: 0.96%

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

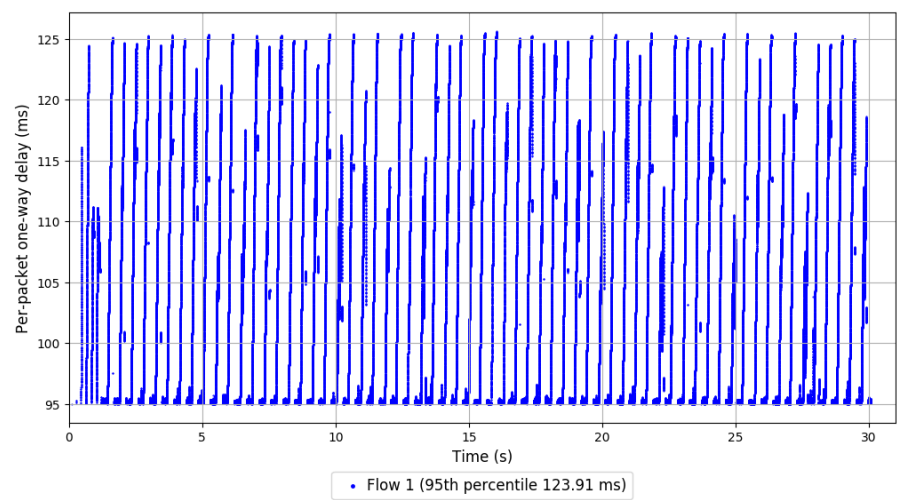
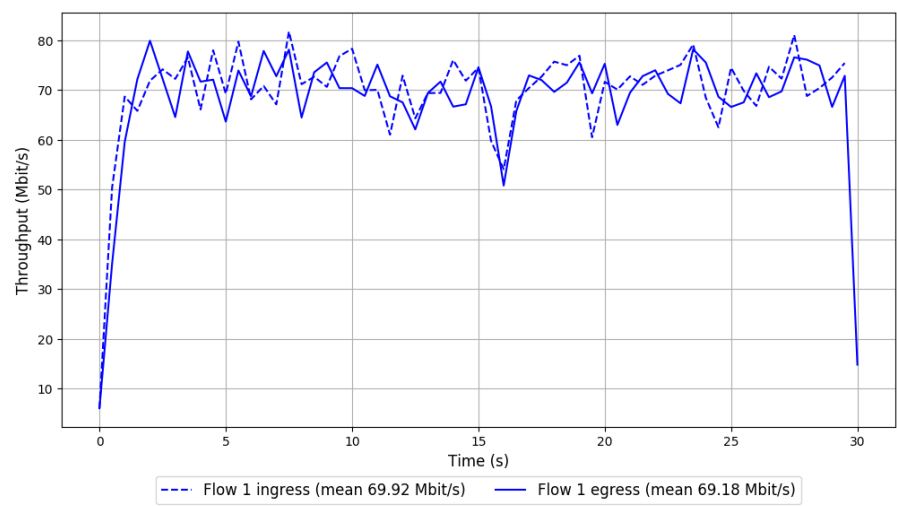


Run 6: Statistics of TaoVA-100x

Start at: 2018-02-04 09:46:02
End at: 2018-02-04 09:46:32
Local clock offset: -0.151 ms
Remote clock offset: -3.176 ms

Below is generated by plot.py at 2018-02-04 12:01:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.18 Mbit/s
95th percentile per-packet one-way delay: 123.911 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 69.18 Mbit/s
95th percentile per-packet one-way delay: 123.911 ms
Loss rate: 1.07%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-02-04 10:08:20

End at: 2018-02-04 10:08:50

Local clock offset: -0.112 ms

Remote clock offset: 2.172 ms

Below is generated by plot.py at 2018-02-04 12:01:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.30 Mbit/s

95th percentile per-packet one-way delay: 136.595 ms

Loss rate: 1.06%

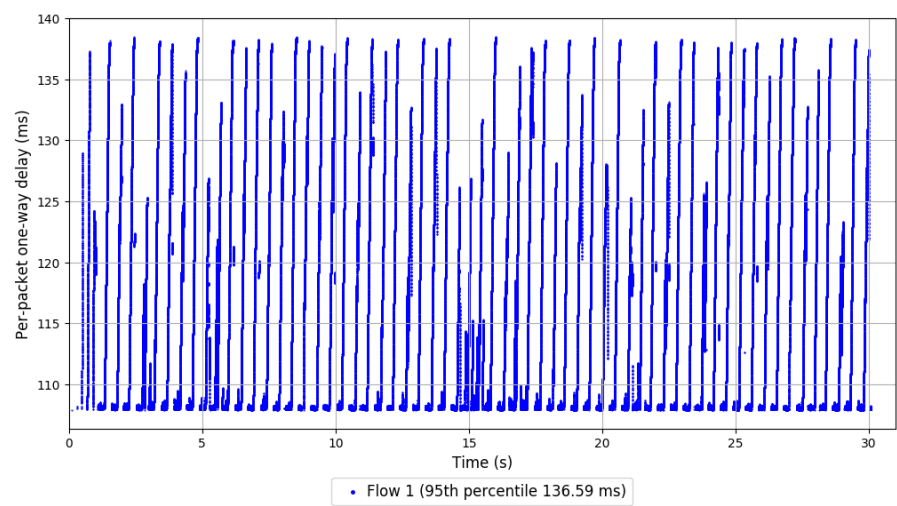
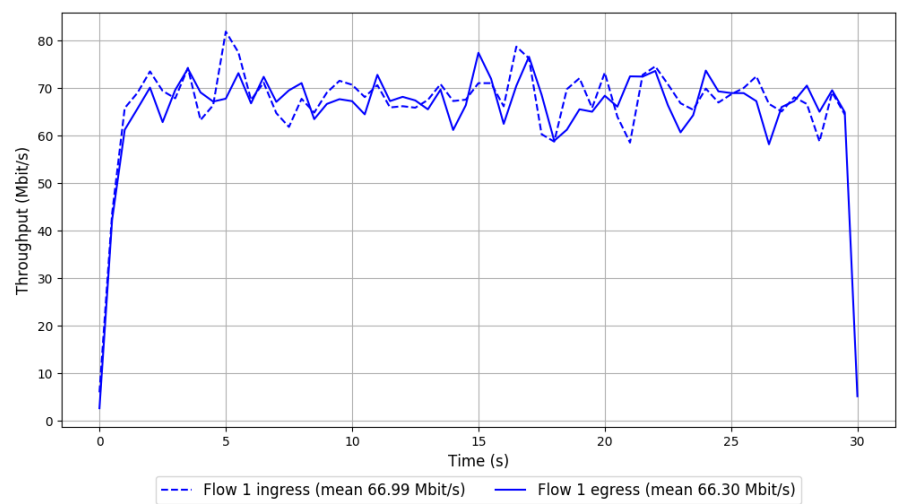
-- Flow 1:

Average throughput: 66.30 Mbit/s

95th percentile per-packet one-way delay: 136.595 ms

Loss rate: 1.06%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-02-04 10:30:28

End at: 2018-02-04 10:30:58

Local clock offset: -0.125 ms

Remote clock offset: 2.939 ms

Below is generated by plot.py at 2018-02-04 12:02:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.08 Mbit/s

95th percentile per-packet one-way delay: 126.488 ms

Loss rate: 1.05%

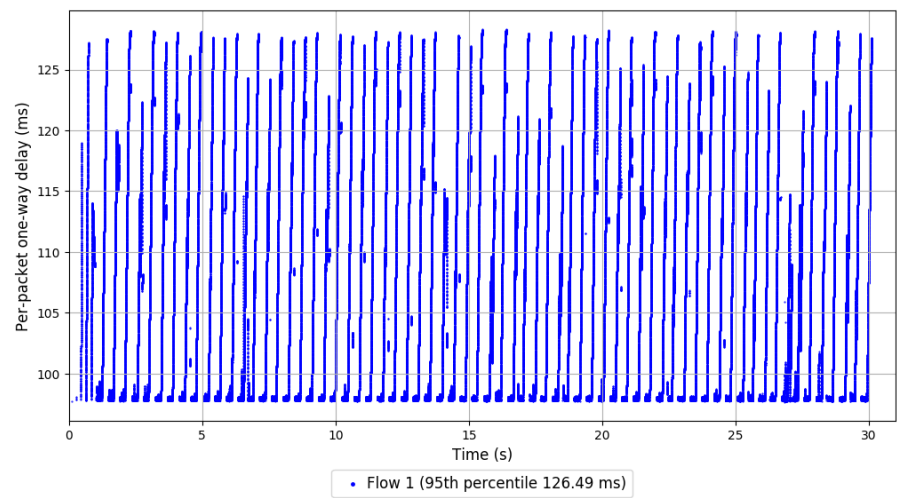
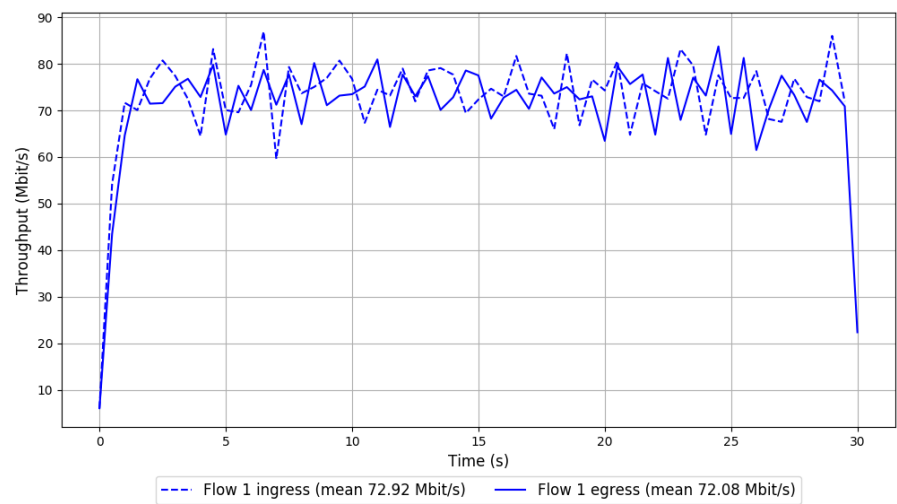
-- Flow 1:

Average throughput: 72.08 Mbit/s

95th percentile per-packet one-way delay: 126.488 ms

Loss rate: 1.05%

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

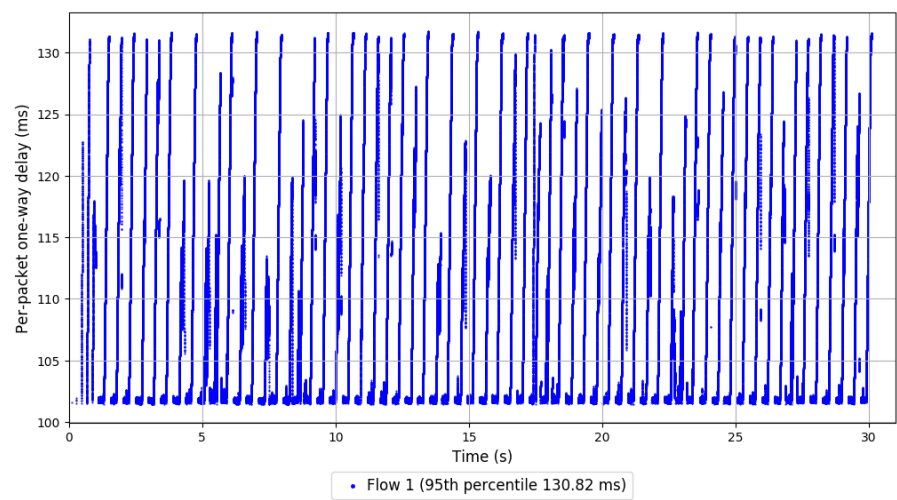
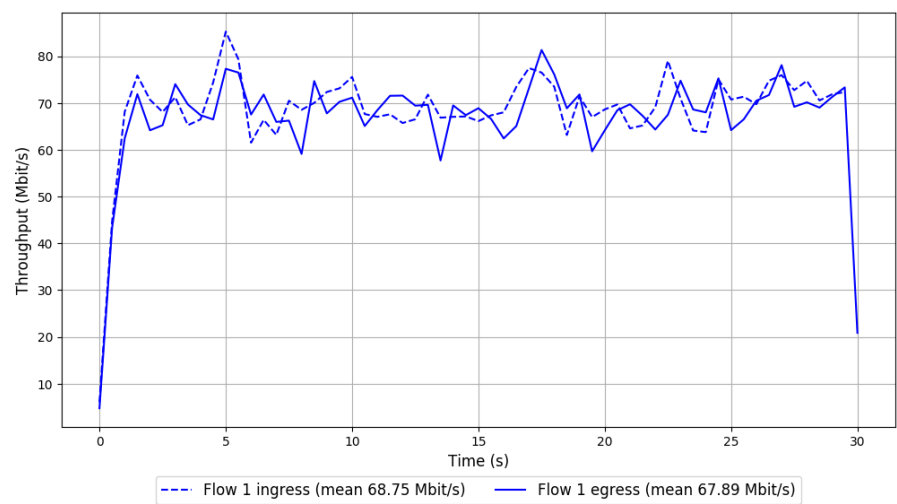


Run 9: Statistics of TaoVA-100x

Start at: 2018-02-04 10:52:41
End at: 2018-02-04 10:53:11
Local clock offset: -0.123 ms
Remote clock offset: -1.706 ms

Below is generated by plot.py at 2018-02-04 12:03:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.89 Mbit/s
95th percentile per-packet one-way delay: 130.823 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 67.89 Mbit/s
95th percentile per-packet one-way delay: 130.823 ms
Loss rate: 1.16%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-04 11:14:48

End at: 2018-02-04 11:15:18

Local clock offset: -0.132 ms

Remote clock offset: -3.572 ms

Below is generated by plot.py at 2018-02-04 12:03:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.63 Mbit/s

95th percentile per-packet one-way delay: 121.851 ms

Loss rate: 0.93%

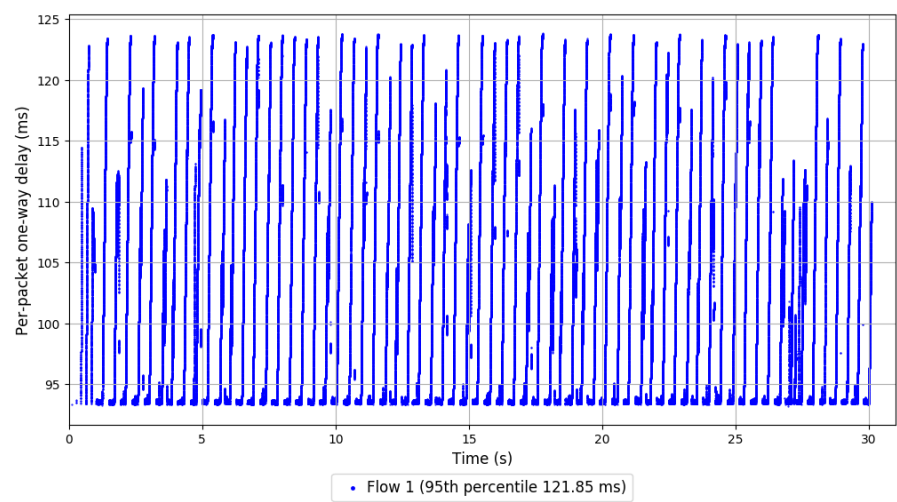
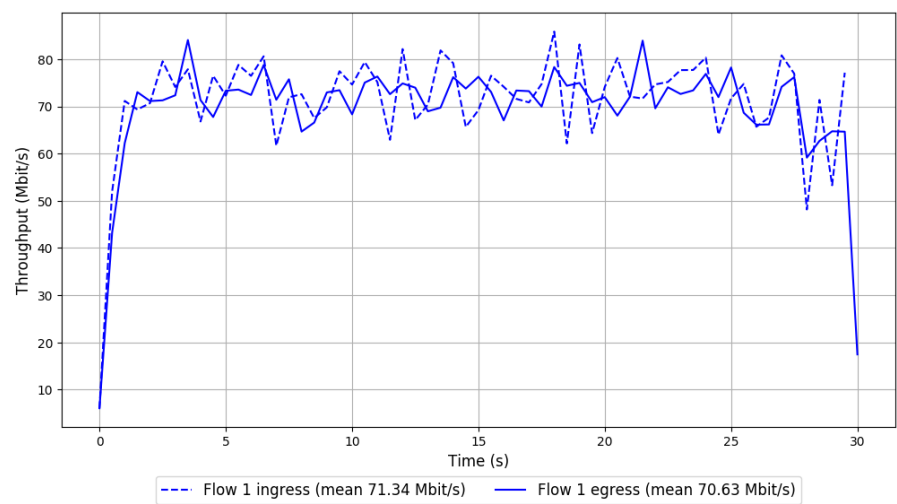
-- Flow 1:

Average throughput: 70.63 Mbit/s

95th percentile per-packet one-way delay: 121.851 ms

Loss rate: 0.93%

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

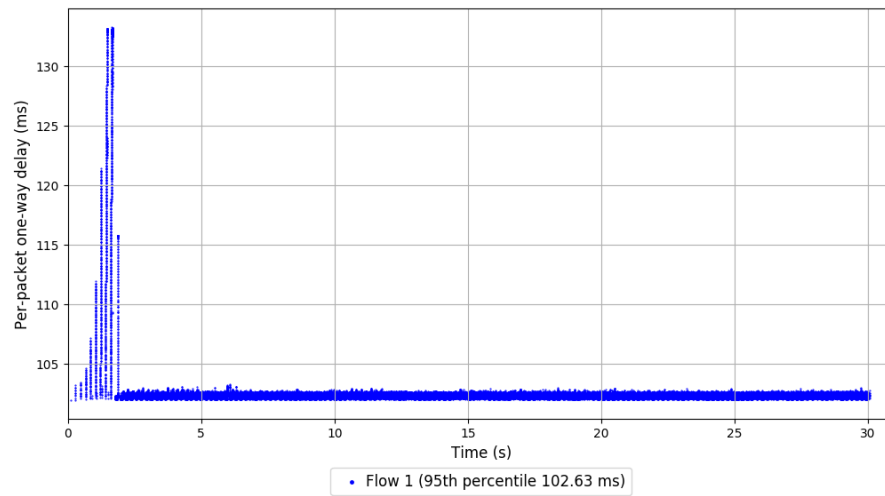
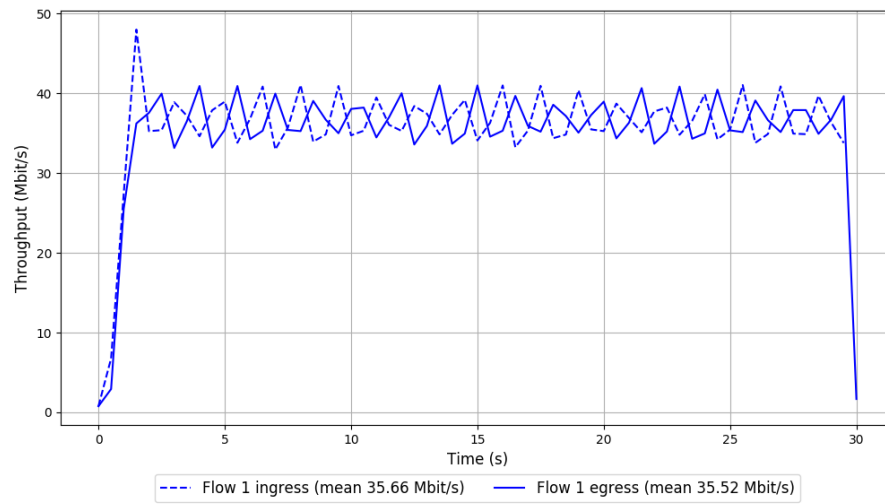


Run 1: Statistics of TCP Vegas

Start at: 2018-02-04 07:56:00
End at: 2018-02-04 07:56:30
Local clock offset: -0.184 ms
Remote clock offset: -1.902 ms

Below is generated by plot.py at 2018-02-04 12:03:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 102.626 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 102.626 ms
Loss rate: 0.41%

Run 1: Report of TCP Vegas — Data Link

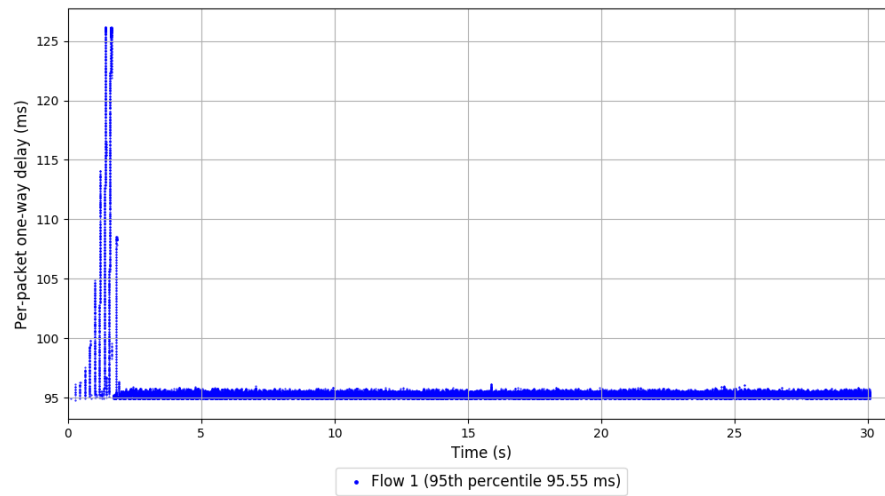
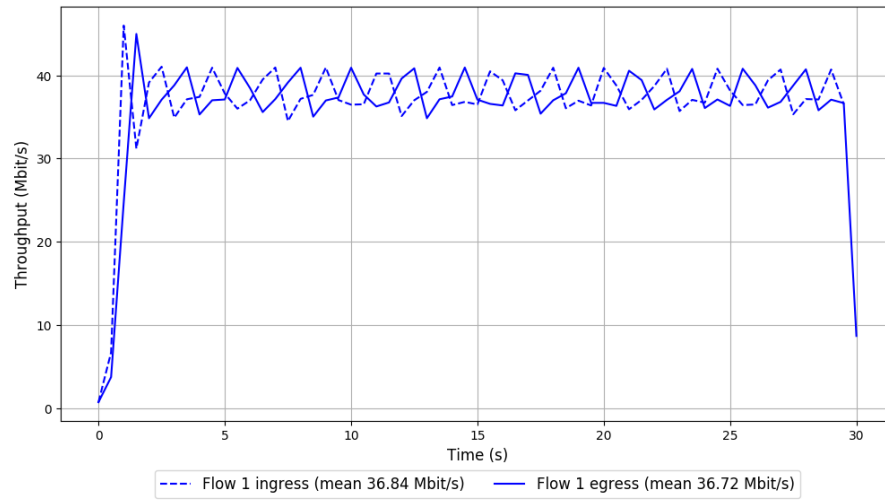


Run 2: Statistics of TCP Vegas

Start at: 2018-02-04 08:18:09
End at: 2018-02-04 08:18:39
Local clock offset: -0.129 ms
Remote clock offset: -2.377 ms

Below is generated by plot.py at 2018-02-04 12:03:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.72 Mbit/s
95th percentile per-packet one-way delay: 95.552 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 36.72 Mbit/s
95th percentile per-packet one-way delay: 95.552 ms
Loss rate: 0.34%

Run 2: Report of TCP Vegas — Data Link

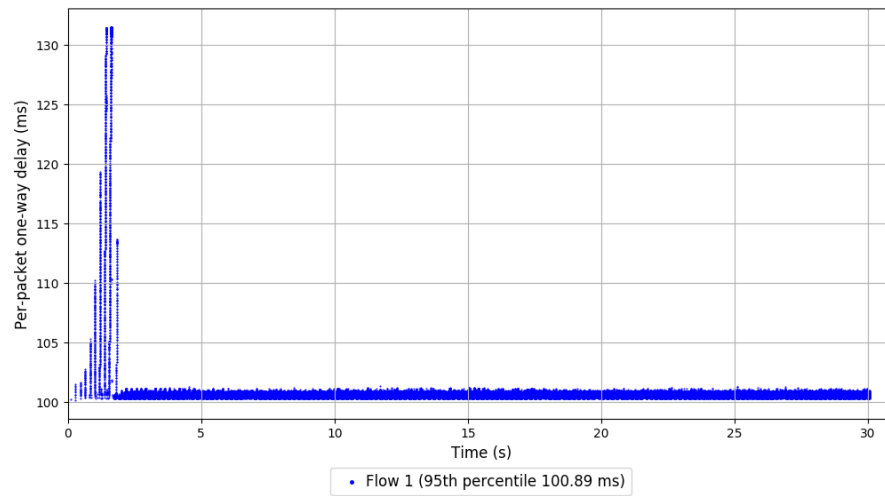
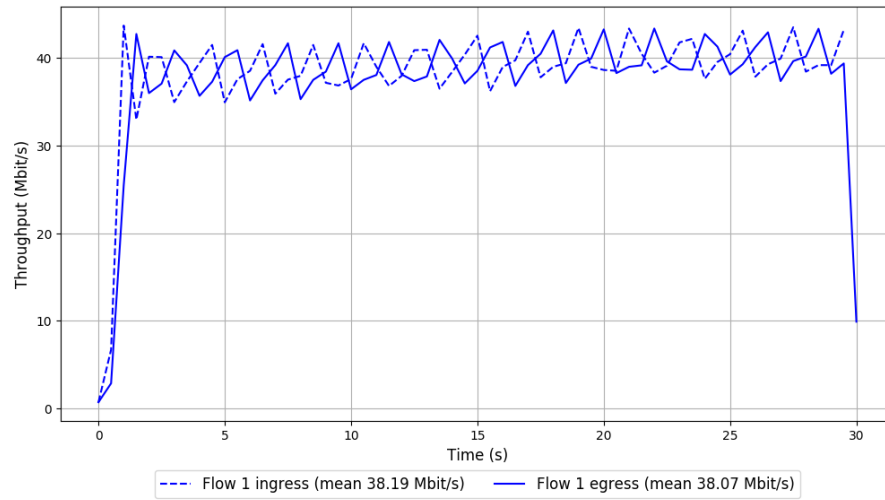


Run 3: Statistics of TCP Vegas

Start at: 2018-02-04 08:40:22
End at: 2018-02-04 08:40:52
Local clock offset: -0.083 ms
Remote clock offset: 3.352 ms

Below is generated by plot.py at 2018-02-04 12:03:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 100.887 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 100.887 ms
Loss rate: 0.32%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-02-04 09:03:23

End at: 2018-02-04 09:03:53

Local clock offset: -0.11 ms

Remote clock offset: 2.299 ms

Below is generated by plot.py at 2018-02-04 12:03:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.67 Mbit/s

95th percentile per-packet one-way delay: 99.867 ms

Loss rate: 0.83%

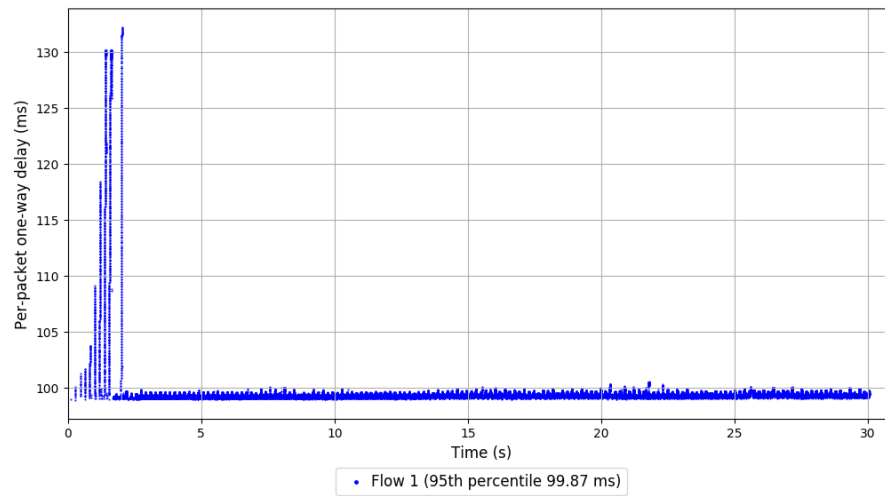
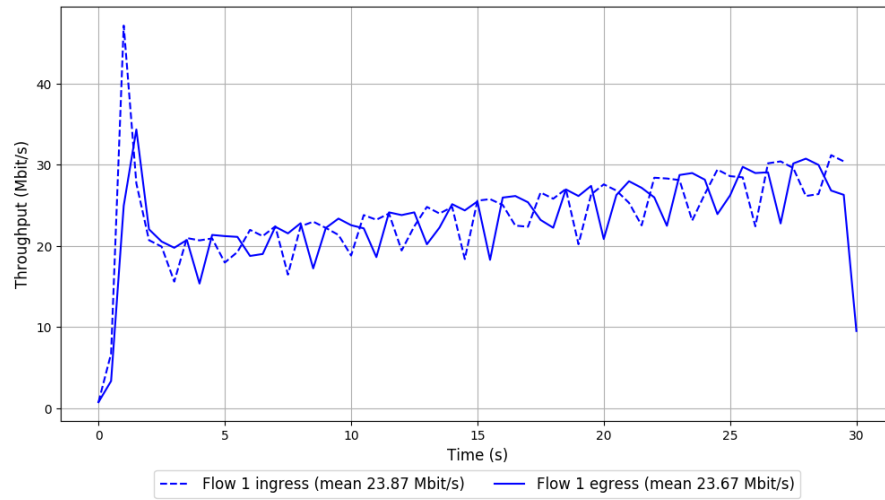
-- Flow 1:

Average throughput: 23.67 Mbit/s

95th percentile per-packet one-way delay: 99.867 ms

Loss rate: 0.83%

Run 4: Report of TCP Vegas — Data Link

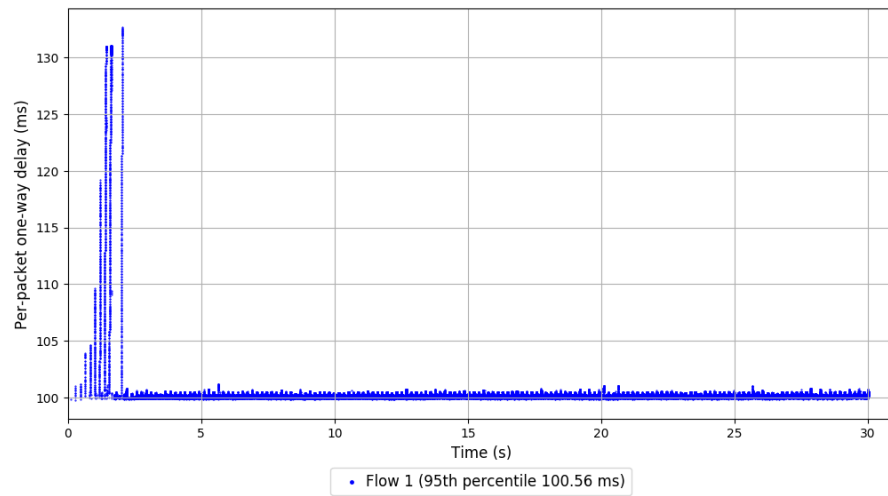
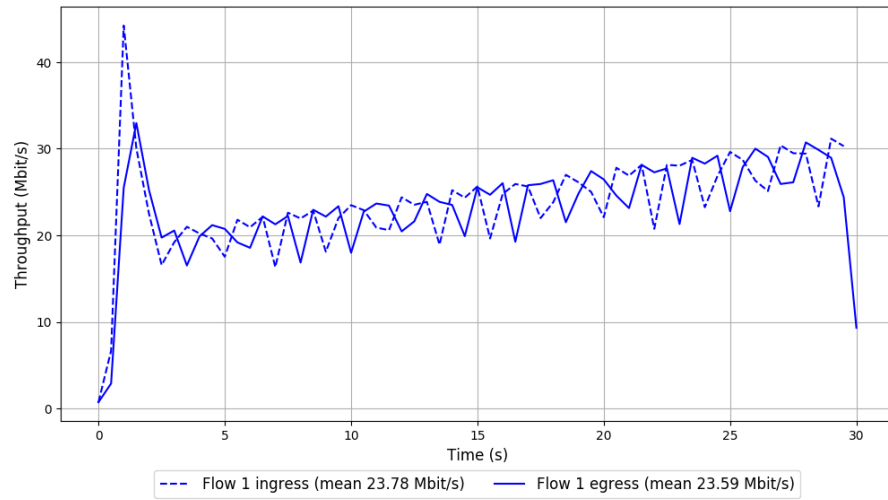


Run 5: Statistics of TCP Vegas

Start at: 2018-02-04 09:25:50
End at: 2018-02-04 09:26:20
Local clock offset: -0.223 ms
Remote clock offset: 1.378 ms

Below is generated by plot.py at 2018-02-04 12:03:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.59 Mbit/s
95th percentile per-packet one-way delay: 100.559 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 23.59 Mbit/s
95th percentile per-packet one-way delay: 100.559 ms
Loss rate: 0.79%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-02-04 09:48:35

End at: 2018-02-04 09:49:05

Local clock offset: -0.167 ms

Remote clock offset: 3.276 ms

Below is generated by plot.py at 2018-02-04 12:03:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.21 Mbit/s

95th percentile per-packet one-way delay: 102.754 ms

Loss rate: 0.31%

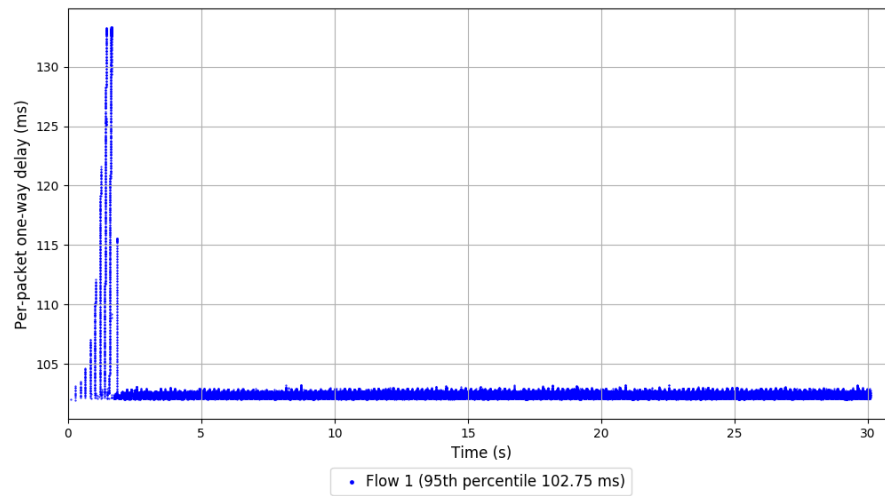
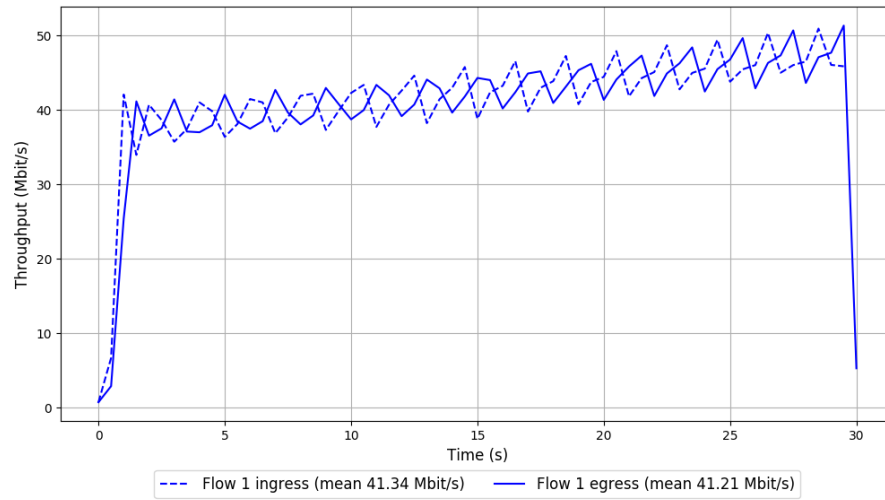
-- Flow 1:

Average throughput: 41.21 Mbit/s

95th percentile per-packet one-way delay: 102.754 ms

Loss rate: 0.31%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-02-04 10:10:52

End at: 2018-02-04 10:11:22

Local clock offset: -0.156 ms

Remote clock offset: 2.142 ms

Below is generated by plot.py at 2018-02-04 12:03:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.37 Mbit/s

95th percentile per-packet one-way delay: 105.134 ms

Loss rate: 0.33%

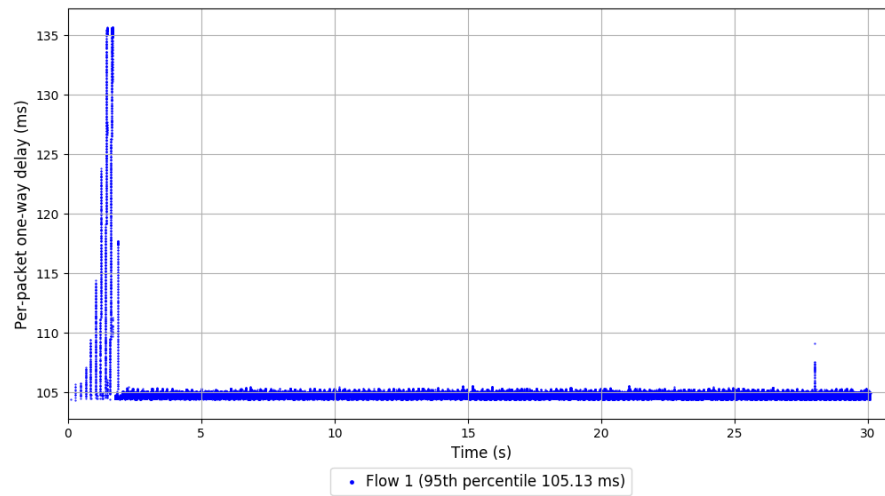
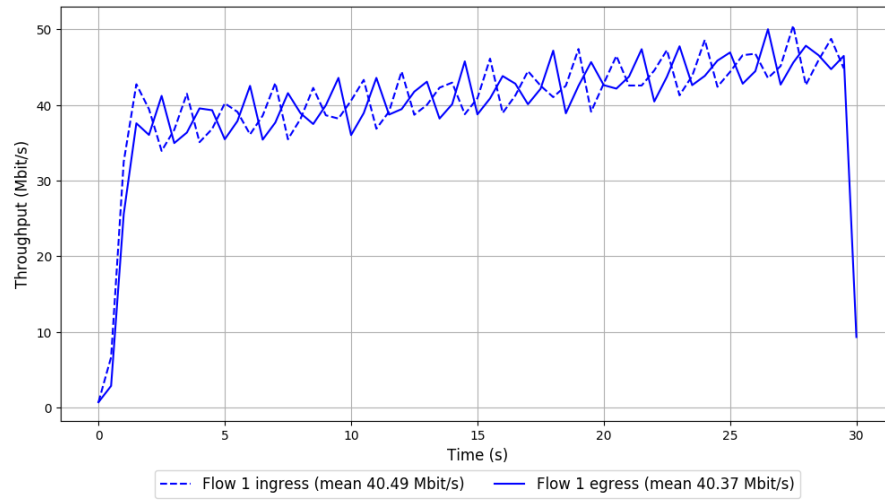
-- Flow 1:

Average throughput: 40.37 Mbit/s

95th percentile per-packet one-way delay: 105.134 ms

Loss rate: 0.33%

Run 7: Report of TCP Vegas — Data Link

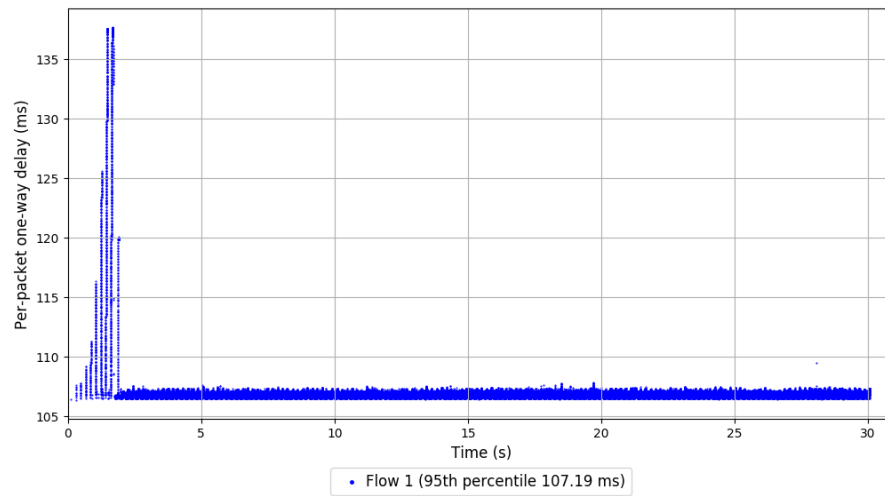
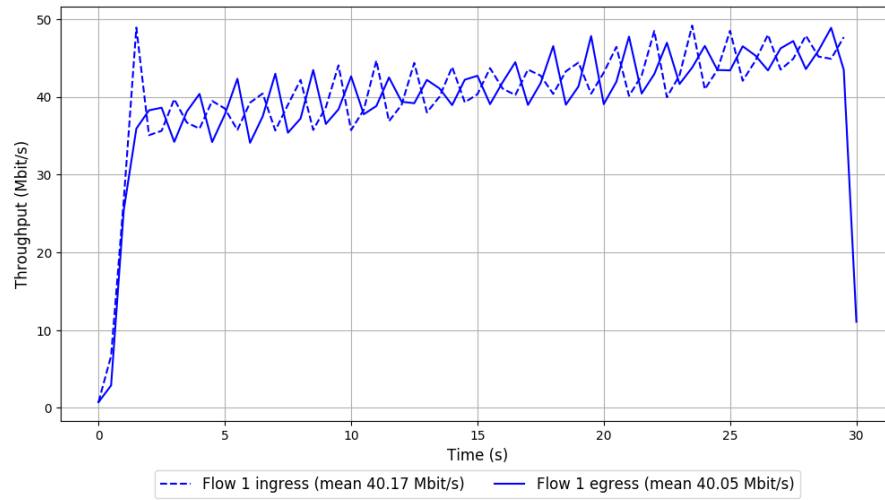


Run 8: Statistics of TCP Vegas

Start at: 2018-02-04 10:33:00
End at: 2018-02-04 10:33:30
Local clock offset: -0.126 ms
Remote clock offset: 3.034 ms

Below is generated by plot.py at 2018-02-04 12:03:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.05 Mbit/s
95th percentile per-packet one-way delay: 107.189 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 40.05 Mbit/s
95th percentile per-packet one-way delay: 107.189 ms
Loss rate: 0.30%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-02-04 10:55:13

End at: 2018-02-04 10:55:43

Local clock offset: -0.108 ms

Remote clock offset: 3.898 ms

Below is generated by plot.py at 2018-02-04 12:03:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.85 Mbit/s

95th percentile per-packet one-way delay: 102.819 ms

Loss rate: 0.29%

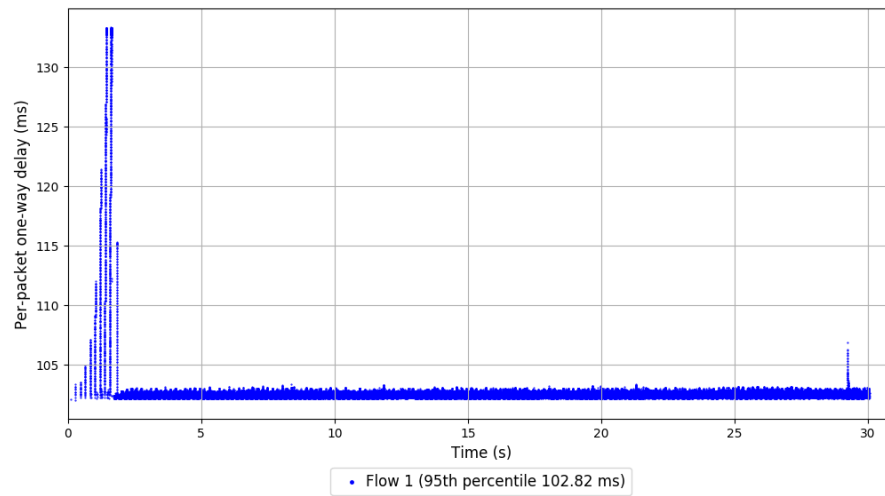
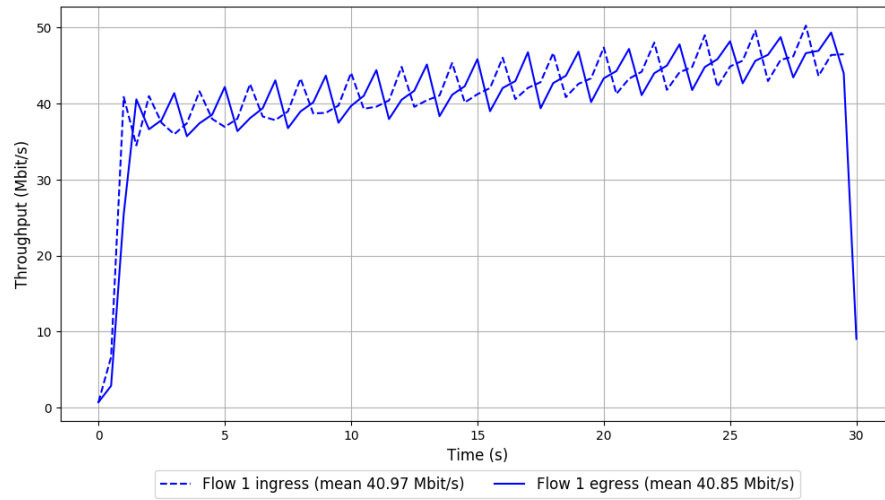
-- Flow 1:

Average throughput: 40.85 Mbit/s

95th percentile per-packet one-way delay: 102.819 ms

Loss rate: 0.29%

Run 9: Report of TCP Vegas — Data Link

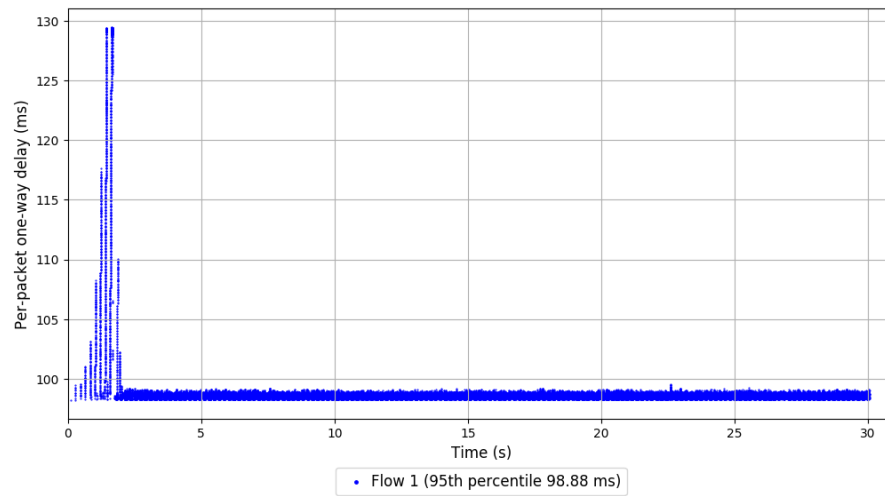
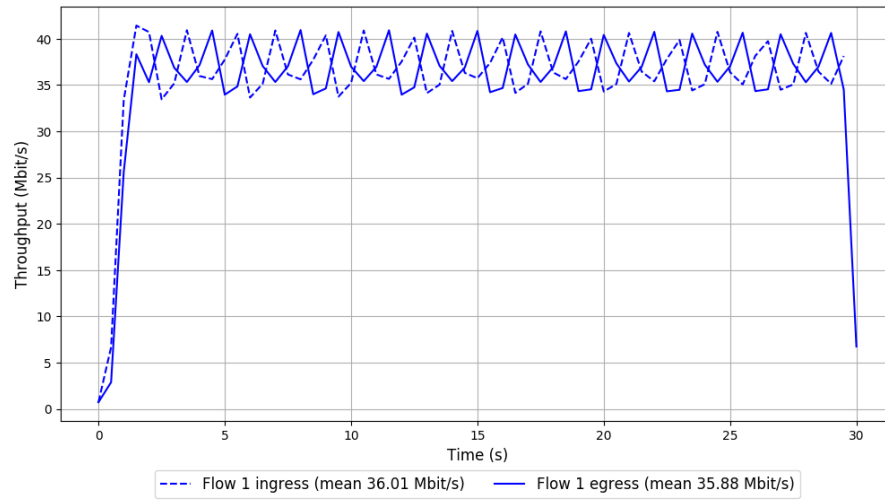


Run 10: Statistics of TCP Vegas

Start at: 2018-02-04 11:17:20
End at: 2018-02-04 11:17:51
Local clock offset: -0.102 ms
Remote clock offset: -2.815 ms

Below is generated by plot.py at 2018-02-04 12:03:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.88 Mbit/s
95th percentile per-packet one-way delay: 98.883 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 35.88 Mbit/s
95th percentile per-packet one-way delay: 98.883 ms
Loss rate: 0.35%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-02-04 07:52:16

End at: 2018-02-04 07:52:46

Local clock offset: -0.145 ms

Remote clock offset: 4.672 ms

Below is generated by plot.py at 2018-02-04 12:03:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.59 Mbit/s

95th percentile per-packet one-way delay: 130.155 ms

Loss rate: 8.33%

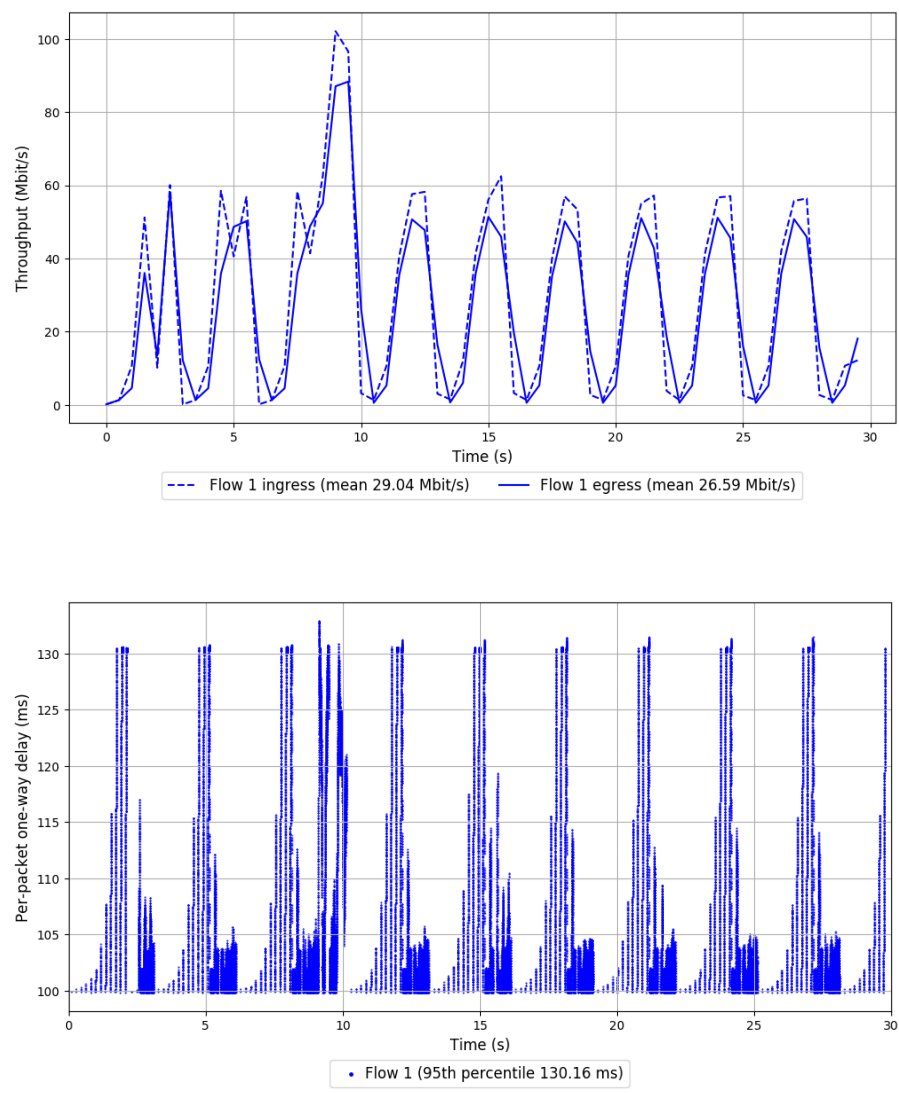
-- Flow 1:

Average throughput: 26.59 Mbit/s

95th percentile per-packet one-way delay: 130.155 ms

Loss rate: 8.33%

Run 1: Report of Verus — Data Link

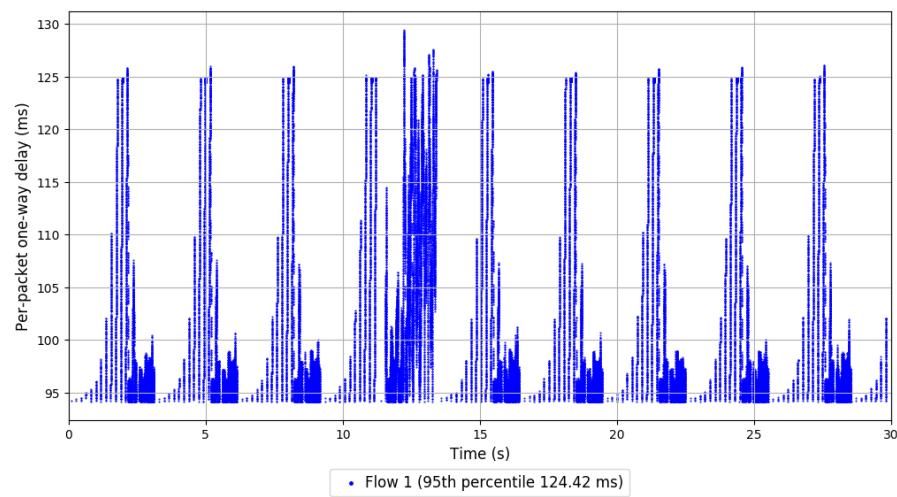
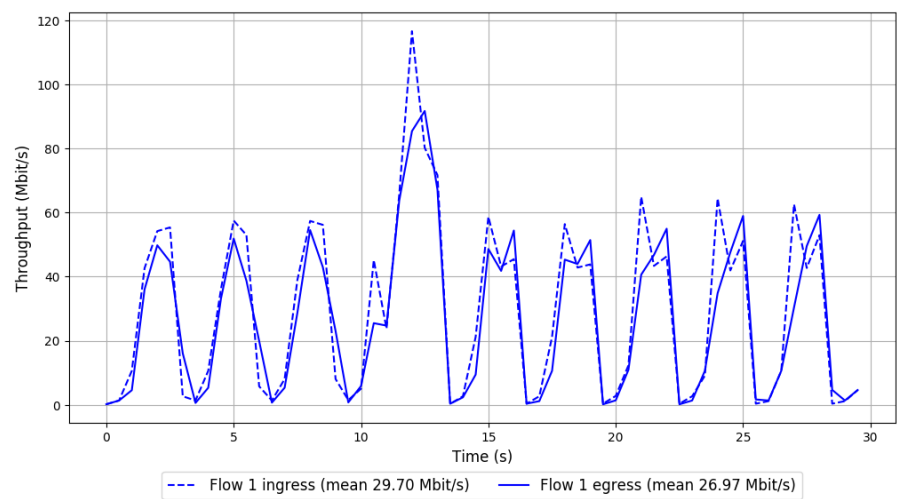


Run 2: Statistics of Verus

Start at: 2018-02-04 08:14:22
End at: 2018-02-04 08:14:52
Local clock offset: -0.143 ms
Remote clock offset: -1.419 ms

Below is generated by plot.py at 2018-02-04 12:03:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.97 Mbit/s
95th percentile per-packet one-way delay: 124.421 ms
Loss rate: 9.17%
-- Flow 1:
Average throughput: 26.97 Mbit/s
95th percentile per-packet one-way delay: 124.421 ms
Loss rate: 9.17%

Run 2: Report of Verus — Data Link

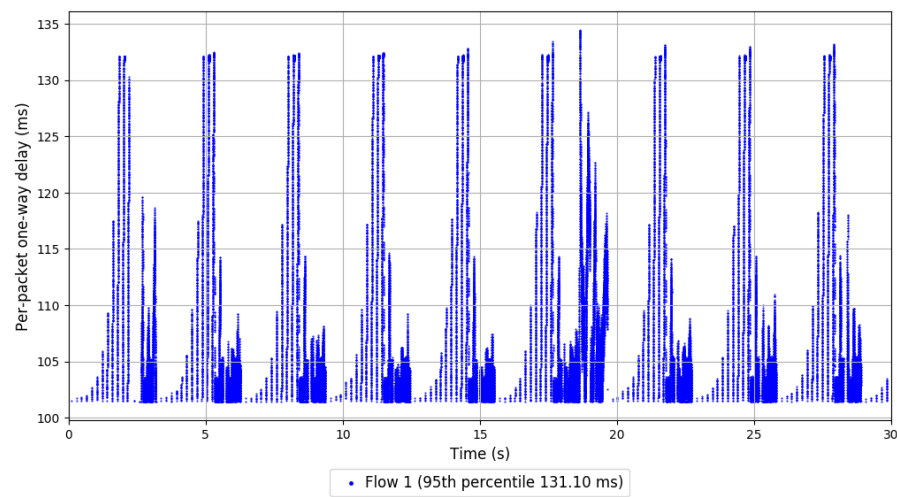
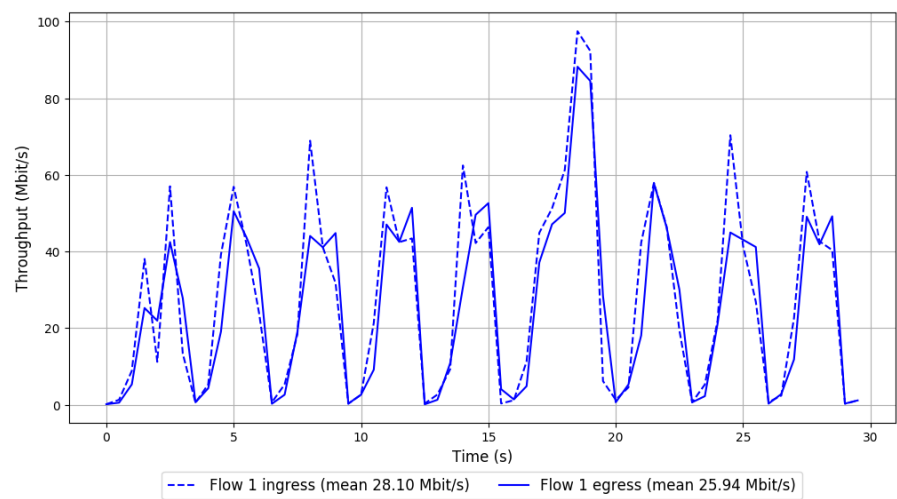


Run 3: Statistics of Verus

Start at: 2018-02-04 08:36:37
End at: 2018-02-04 08:37:07
Local clock offset: -0.089 ms
Remote clock offset: -2.083 ms

Below is generated by plot.py at 2018-02-04 12:03:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 131.097 ms
Loss rate: 7.70%
-- Flow 1:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 131.097 ms
Loss rate: 7.70%

Run 3: Report of Verus — Data Link

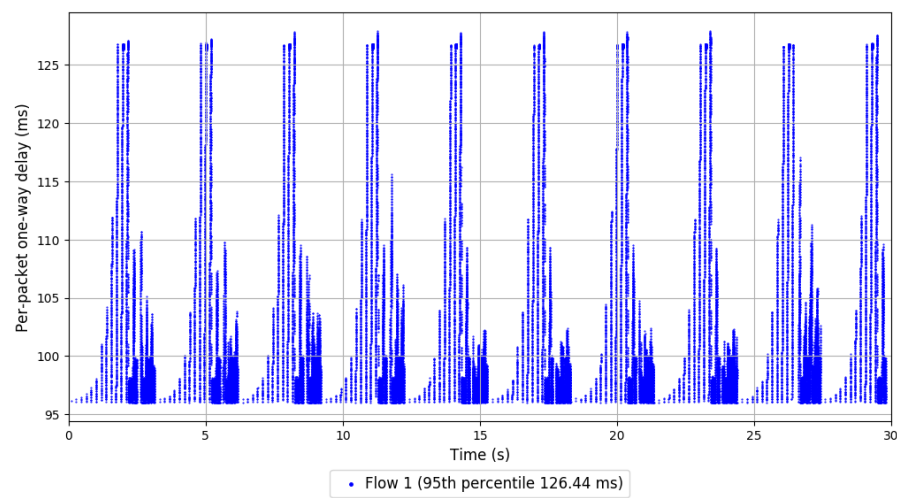
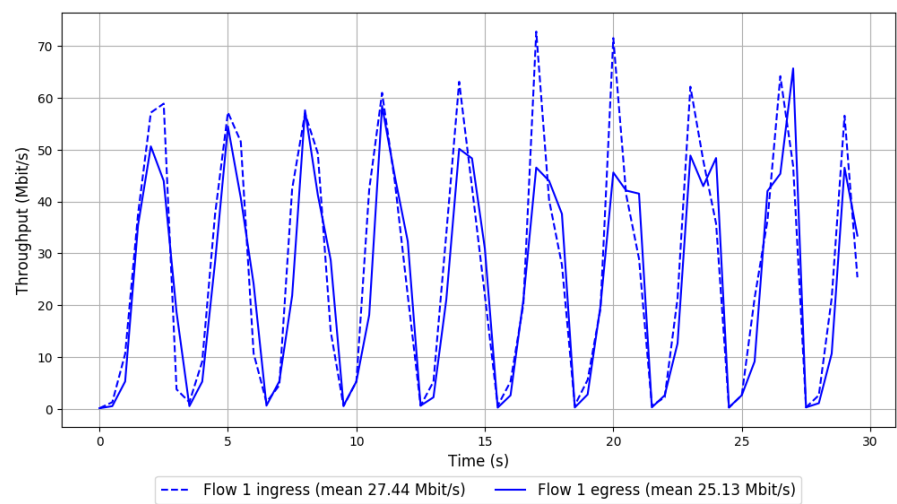


Run 4: Statistics of Verus

Start at: 2018-02-04 08:59:37
End at: 2018-02-04 09:00:07
Local clock offset: -0.082 ms
Remote clock offset: -2.549 ms

Below is generated by plot.py at 2018-02-04 12:03:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.13 Mbit/s
95th percentile per-packet one-way delay: 126.438 ms
Loss rate: 8.41%
-- Flow 1:
Average throughput: 25.13 Mbit/s
95th percentile per-packet one-way delay: 126.438 ms
Loss rate: 8.41%

Run 4: Report of Verus — Data Link

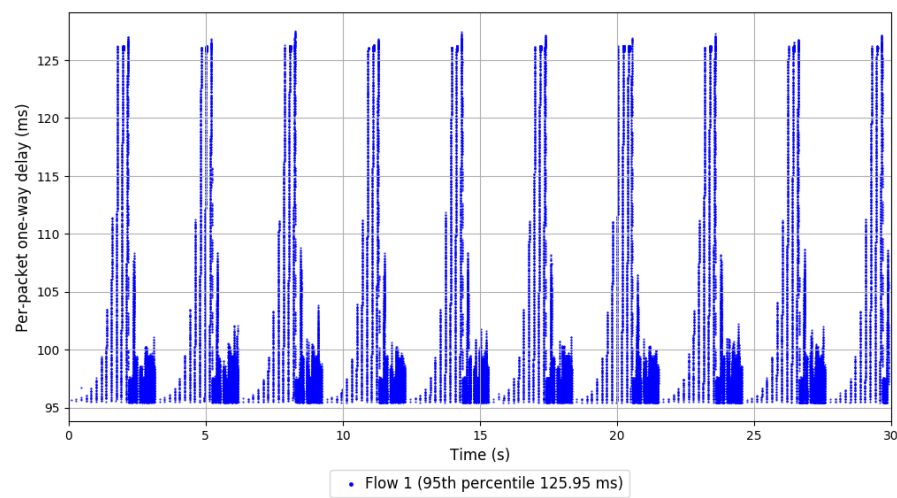
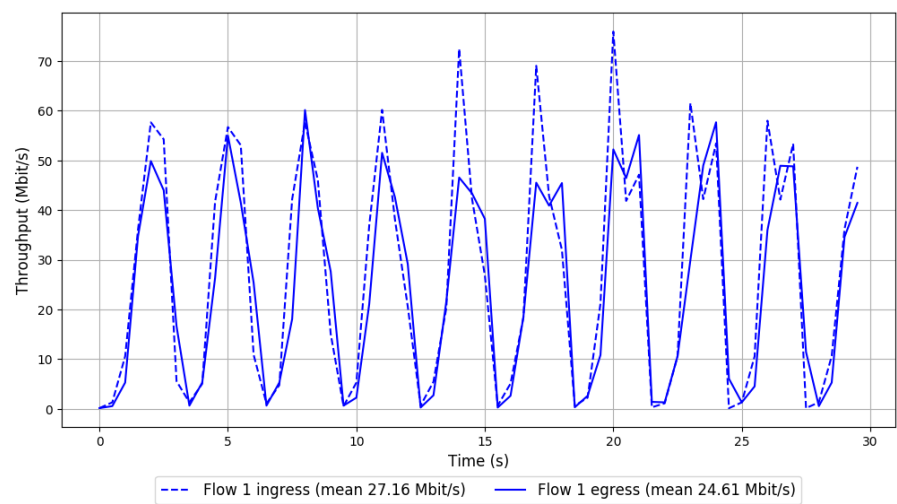


Run 5: Statistics of Verus

Start at: 2018-02-04 09:22:05
End at: 2018-02-04 09:22:35
Local clock offset: -0.148 ms
Remote clock offset: -3.699 ms

Below is generated by plot.py at 2018-02-04 12:03:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 125.948 ms
Loss rate: 9.39%
-- Flow 1:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 125.948 ms
Loss rate: 9.39%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-02-04 09:44:37

End at: 2018-02-04 09:45:07

Local clock offset: -0.228 ms

Remote clock offset: 1.609 ms

Below is generated by plot.py at 2018-02-04 12:03:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.20 Mbit/s

95th percentile per-packet one-way delay: 130.384 ms

Loss rate: 9.19%

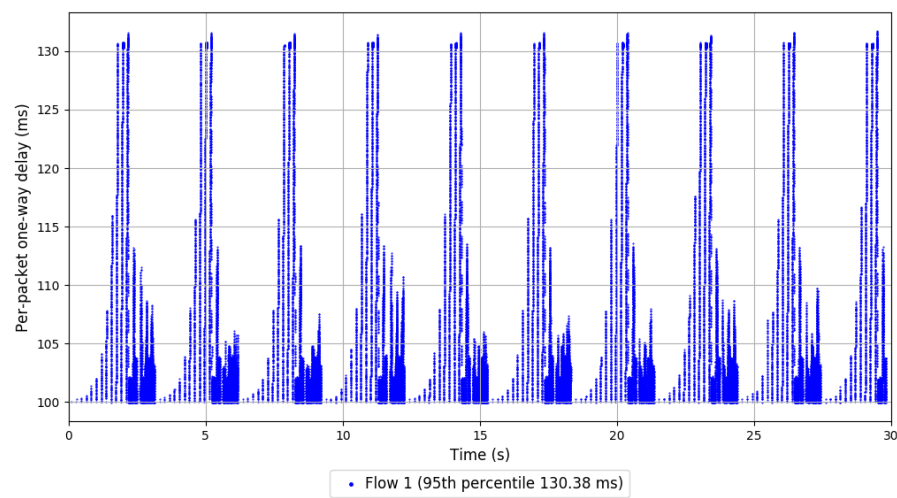
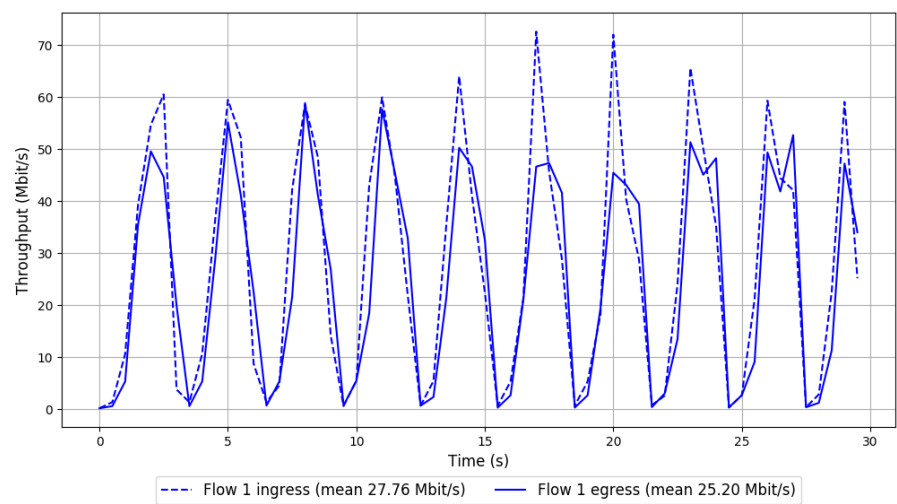
-- Flow 1:

Average throughput: 25.20 Mbit/s

95th percentile per-packet one-way delay: 130.384 ms

Loss rate: 9.19%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-02-04 10:07:02

End at: 2018-02-04 10:07:32

Local clock offset: -0.207 ms

Remote clock offset: 2.102 ms

Below is generated by plot.py at 2018-02-04 12:04:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.96 Mbit/s

95th percentile per-packet one-way delay: 196.383 ms

Loss rate: 85.46%

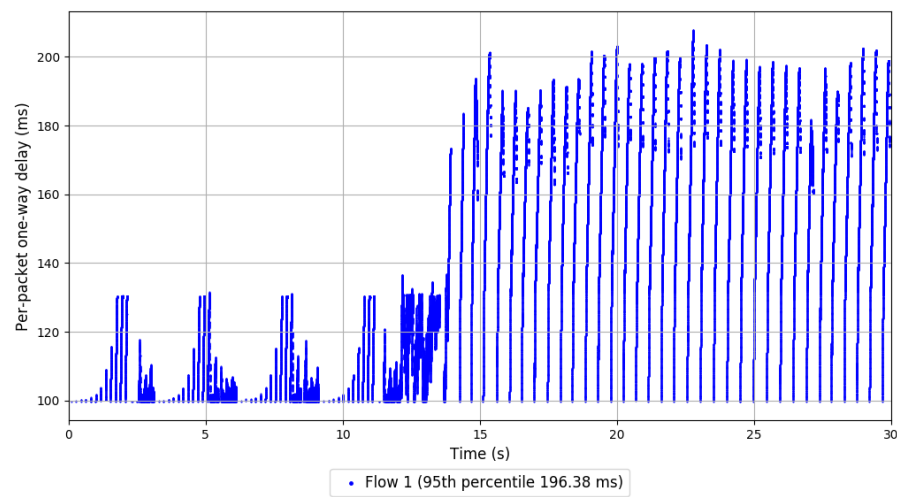
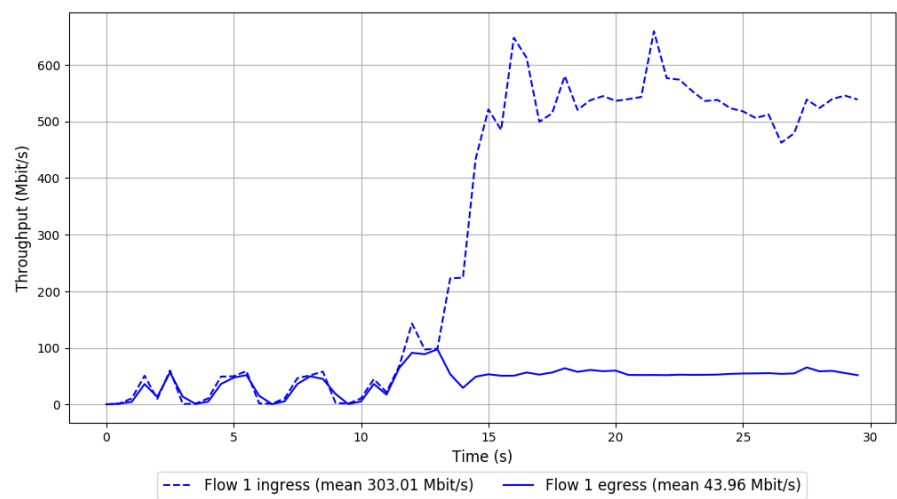
-- Flow 1:

Average throughput: 43.96 Mbit/s

95th percentile per-packet one-way delay: 196.383 ms

Loss rate: 85.46%

Run 7: Report of Verus — Data Link

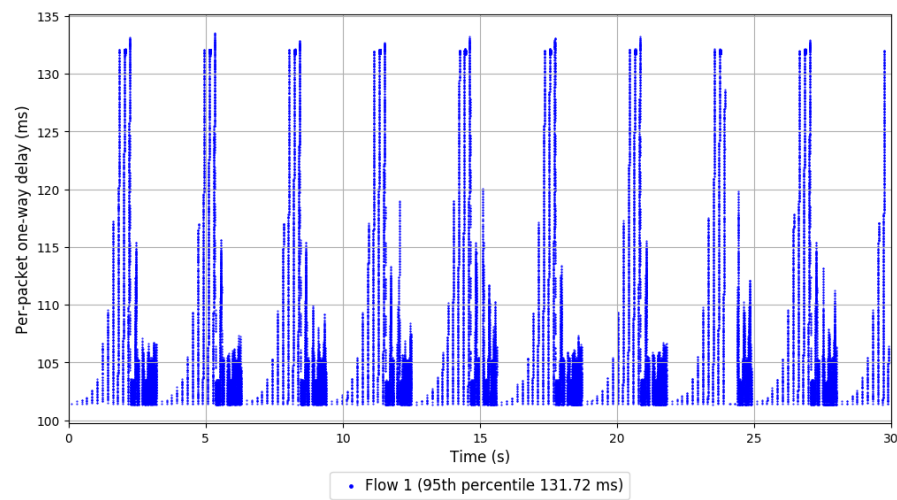
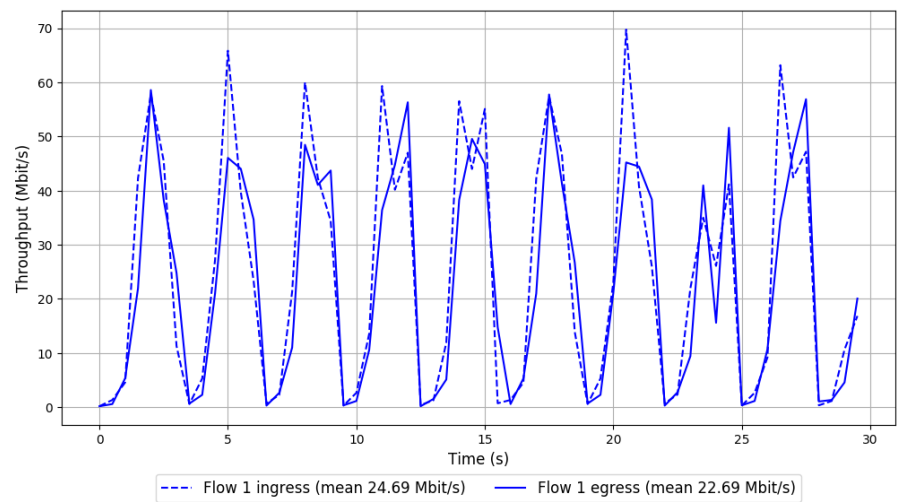


Run 8: Statistics of Verus

Start at: 2018-02-04 10:29:16
End at: 2018-02-04 10:29:46
Local clock offset: -0.119 ms
Remote clock offset: -1.874 ms

Below is generated by plot.py at 2018-02-04 12:04:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.69 Mbit/s
95th percentile per-packet one-way delay: 131.723 ms
Loss rate: 8.11%
-- Flow 1:
Average throughput: 22.69 Mbit/s
95th percentile per-packet one-way delay: 131.723 ms
Loss rate: 8.11%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-02-04 10:51:29

End at: 2018-02-04 10:51:59

Local clock offset: -0.121 ms

Remote clock offset: 3.264 ms

Below is generated by plot.py at 2018-02-04 12:04:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.57 Mbit/s

95th percentile per-packet one-way delay: 137.582 ms

Loss rate: 48.24%

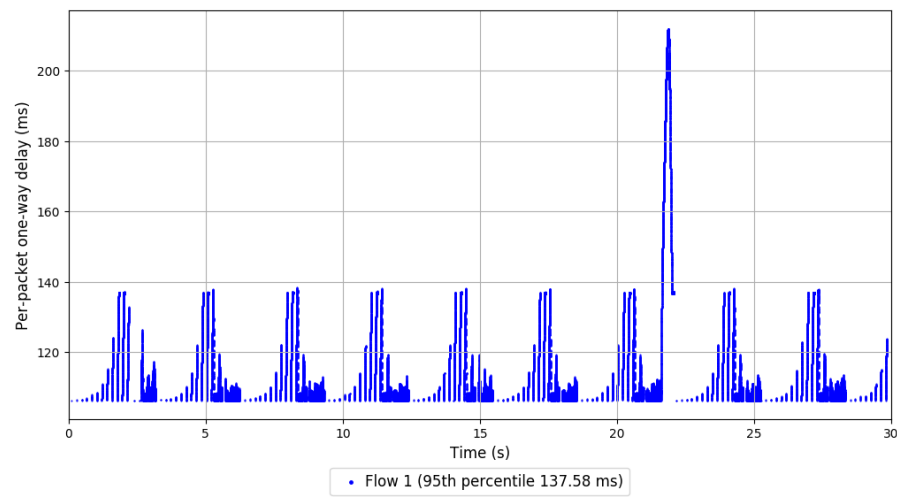
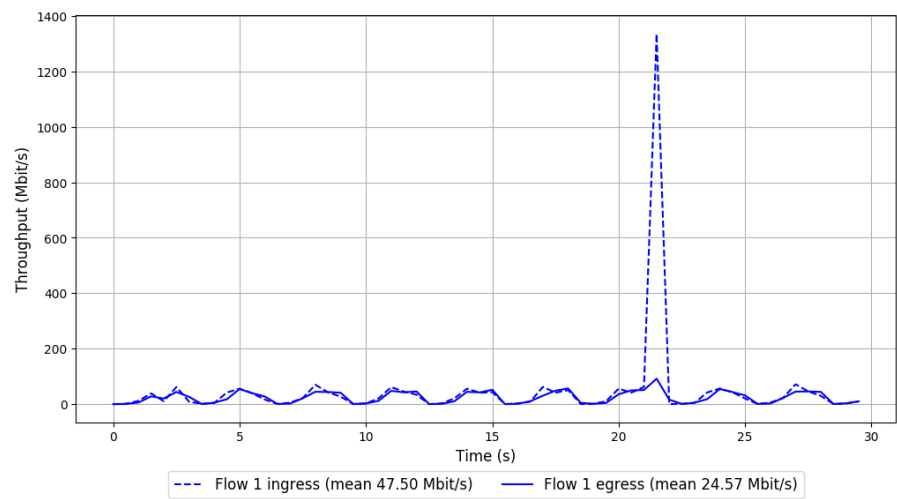
-- Flow 1:

Average throughput: 24.57 Mbit/s

95th percentile per-packet one-way delay: 137.582 ms

Loss rate: 48.24%

Run 9: Report of Verus — Data Link

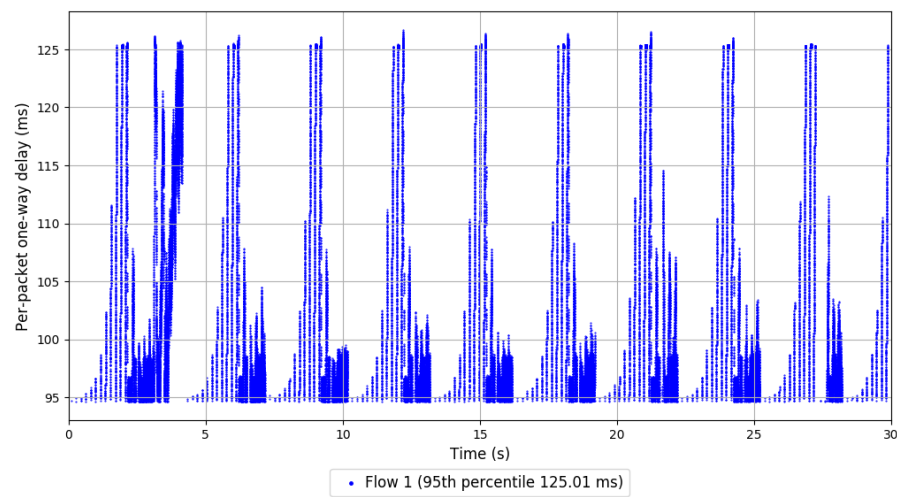
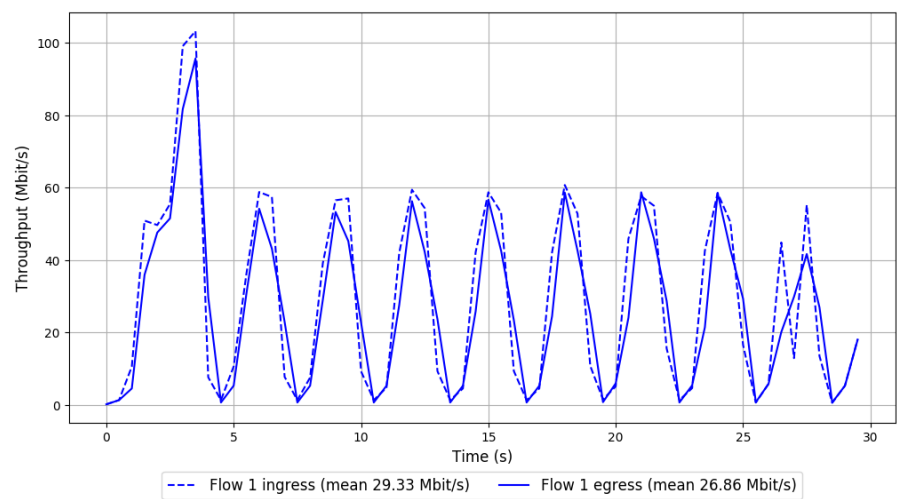


Run 10: Statistics of Verus

Start at: 2018-02-04 11:13:36
End at: 2018-02-04 11:14:06
Local clock offset: -0.122 ms
Remote clock offset: -2.792 ms

Below is generated by plot.py at 2018-02-04 12:04:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 125.012 ms
Loss rate: 8.34%
-- Flow 1:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 125.012 ms
Loss rate: 8.34%

Run 10: Report of Verus — Data Link

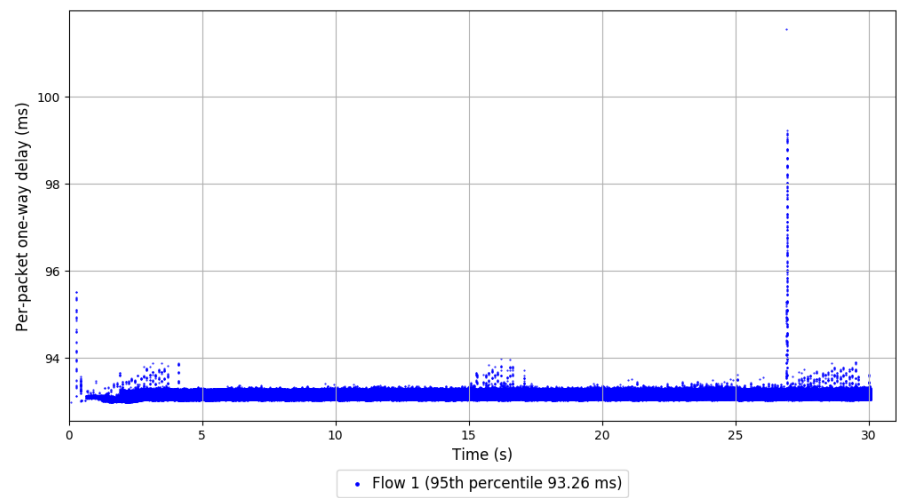
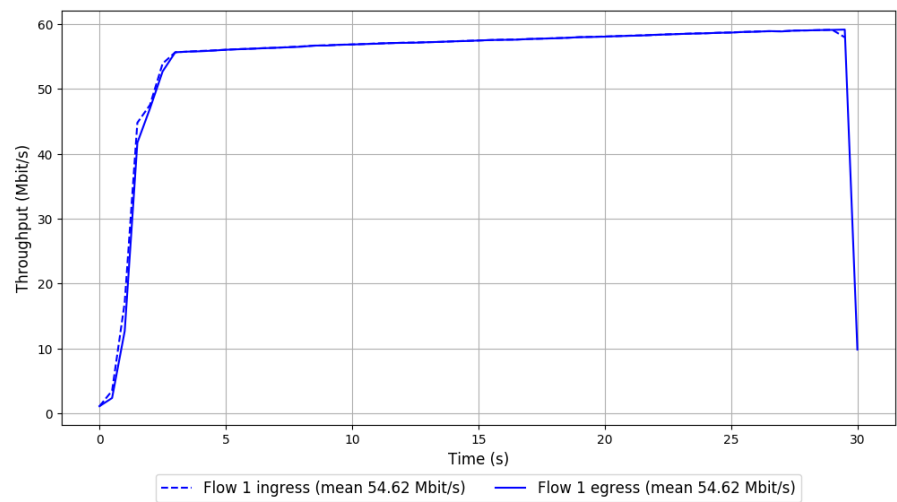


Run 1: Statistics of Copa

Start at: 2018-02-04 08:03:15
End at: 2018-02-04 08:03:45
Local clock offset: -0.202 ms
Remote clock offset: -1.283 ms

Below is generated by plot.py at 2018-02-04 12:04:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.62 Mbit/s
95th percentile per-packet one-way delay: 93.261 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.62 Mbit/s
95th percentile per-packet one-way delay: 93.261 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-02-04 08:25:27

End at: 2018-02-04 08:25:57

Local clock offset: -0.126 ms

Remote clock offset: 3.088 ms

Below is generated by plot.py at 2018-02-04 12:05:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.97 Mbit/s

95th percentile per-packet one-way delay: 104.978 ms

Loss rate: 0.02%

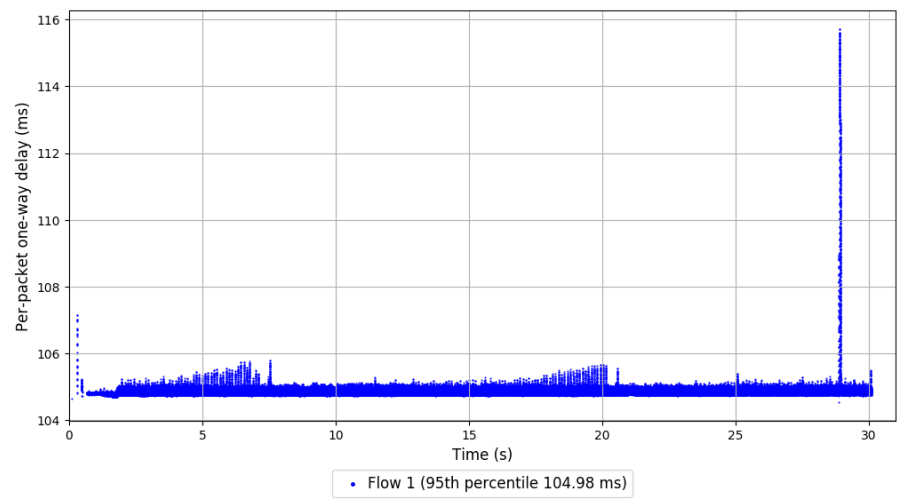
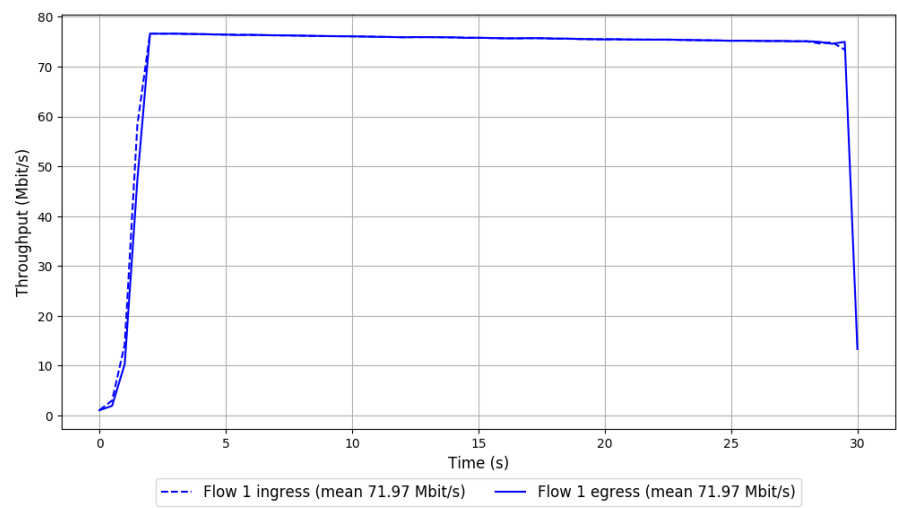
-- Flow 1:

Average throughput: 71.97 Mbit/s

95th percentile per-packet one-way delay: 104.978 ms

Loss rate: 0.02%

Run 2: Report of Copa — Data Link

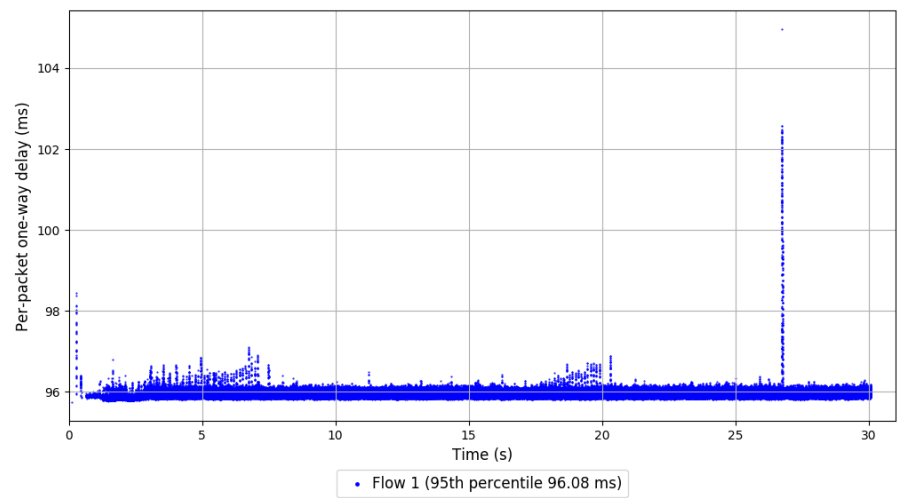
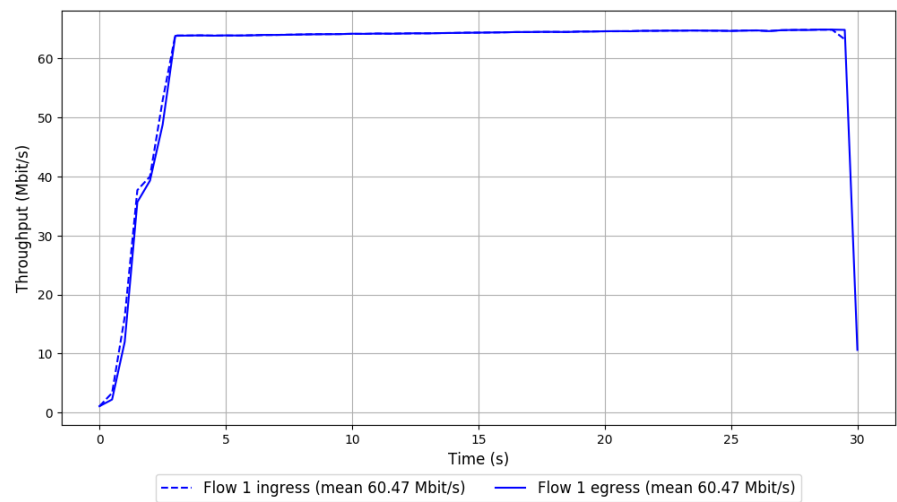


Run 3: Statistics of Copa

Start at: 2018-02-04 08:47:51
End at: 2018-02-04 08:48:21
Local clock offset: -0.111 ms
Remote clock offset: -2.409 ms

Below is generated by plot.py at 2018-02-04 12:05:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.47 Mbit/s
95th percentile per-packet one-way delay: 96.077 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 60.47 Mbit/s
95th percentile per-packet one-way delay: 96.077 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-02-04 09:10:52

End at: 2018-02-04 09:11:22

Local clock offset: -0.112 ms

Remote clock offset: 1.921 ms

Below is generated by plot.py at 2018-02-04 12:05:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.37 Mbit/s

95th percentile per-packet one-way delay: 102.895 ms

Loss rate: 0.01%

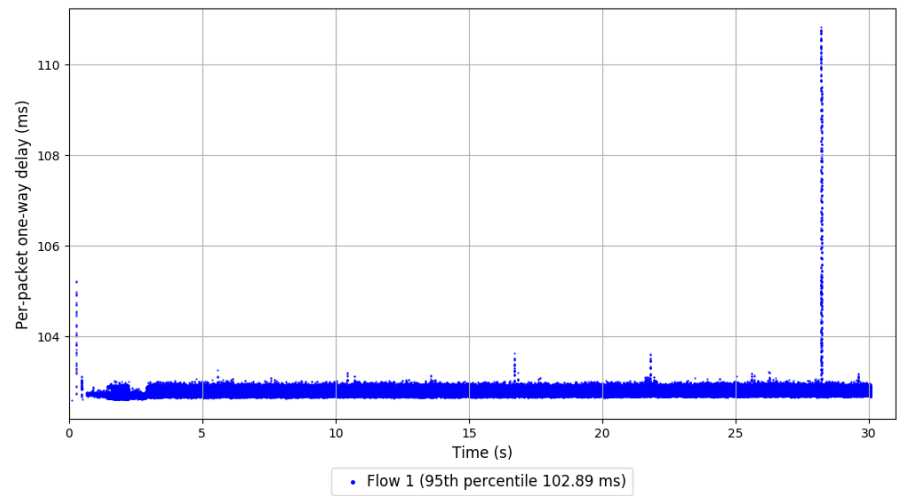
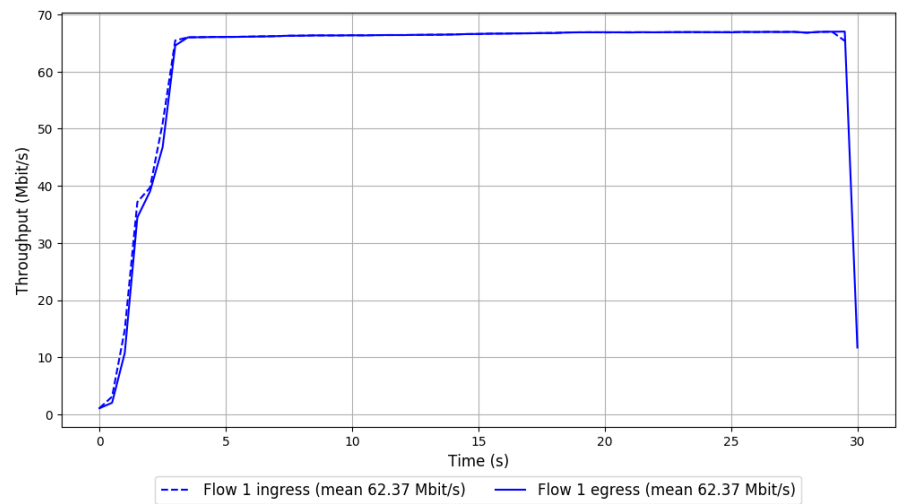
-- Flow 1:

Average throughput: 62.37 Mbit/s

95th percentile per-packet one-way delay: 102.895 ms

Loss rate: 0.01%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-02-04 09:33:14

End at: 2018-02-04 09:33:44

Local clock offset: -0.15 ms

Remote clock offset: -2.31 ms

Below is generated by plot.py at 2018-02-04 12:05:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.88 Mbit/s

95th percentile per-packet one-way delay: 97.852 ms

Loss rate: 0.01%

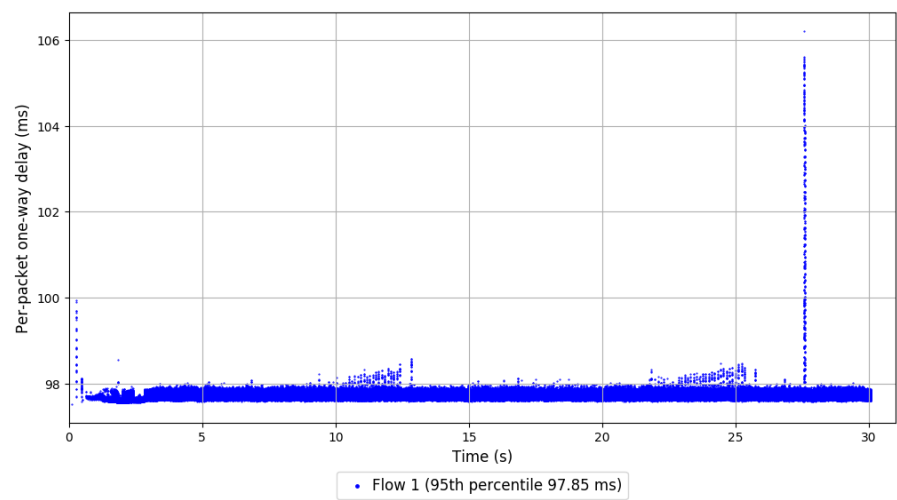
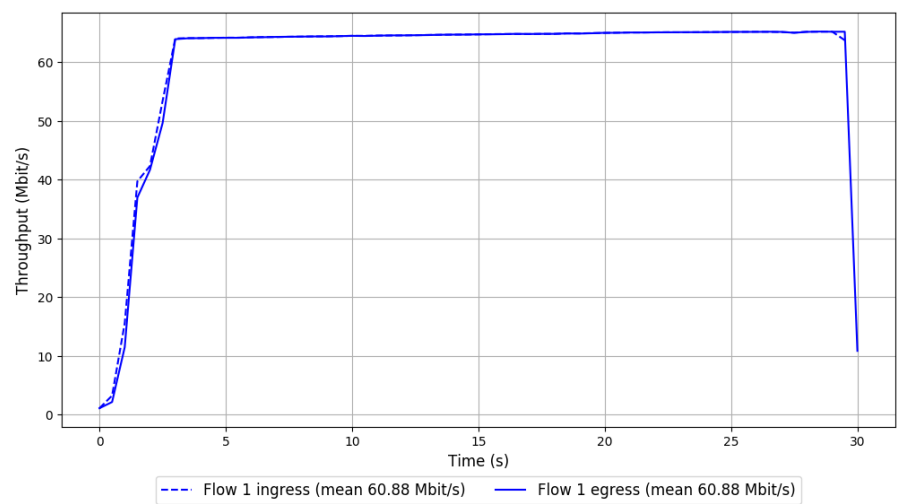
-- Flow 1:

Average throughput: 60.88 Mbit/s

95th percentile per-packet one-way delay: 97.852 ms

Loss rate: 0.01%

Run 5: Report of Copa — Data Link

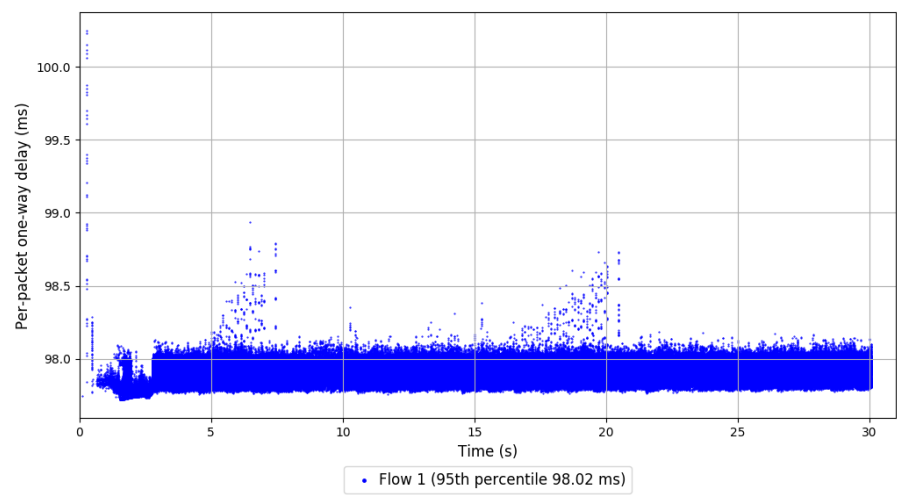
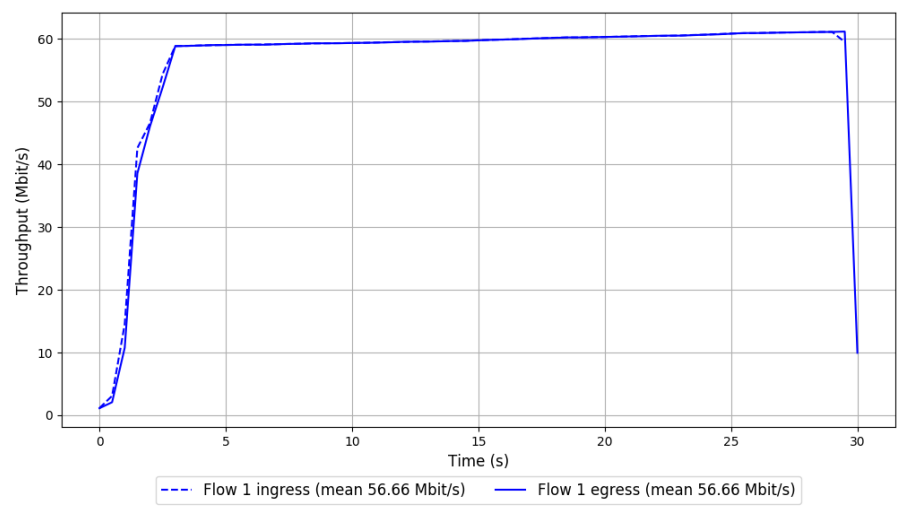


Run 6: Statistics of Copa

Start at: 2018-02-04 09:55:53
End at: 2018-02-04 09:56:23
Local clock offset: -0.151 ms
Remote clock offset: -2.414 ms

Below is generated by plot.py at 2018-02-04 12:05:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.66 Mbit/s
95th percentile per-packet one-way delay: 98.022 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.66 Mbit/s
95th percentile per-packet one-way delay: 98.022 ms
Loss rate: 0.01%

Run 6: Report of Copa — Data Link

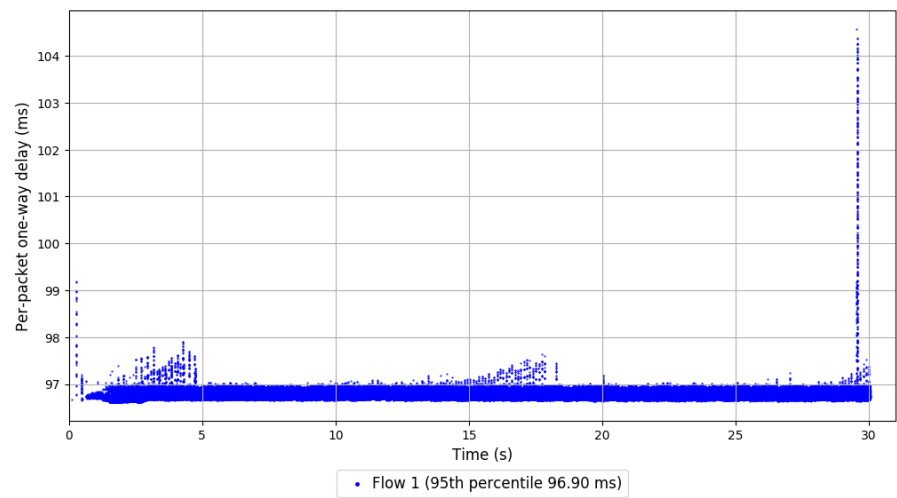
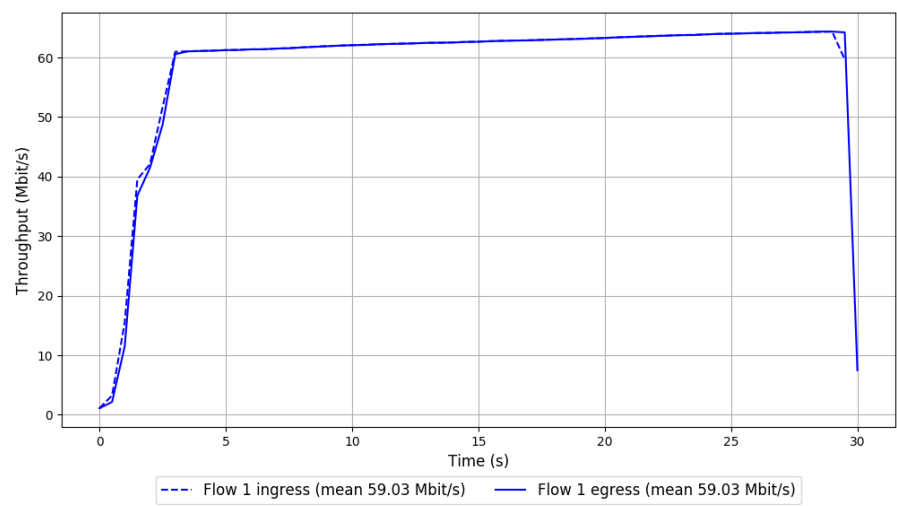


Run 7: Statistics of Copa

Start at: 2018-02-04 10:18:08
End at: 2018-02-04 10:18:38
Local clock offset: -0.162 ms
Remote clock offset: -3.213 ms

Below is generated by plot.py at 2018-02-04 12:05:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.03 Mbit/s
95th percentile per-packet one-way delay: 96.903 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 59.03 Mbit/s
95th percentile per-packet one-way delay: 96.903 ms
Loss rate: 0.01%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-02-04 10:40:17

End at: 2018-02-04 10:40:47

Local clock offset: -0.13 ms

Remote clock offset: 2.347 ms

Below is generated by plot.py at 2018-02-04 12:06:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.39 Mbit/s

95th percentile per-packet one-way delay: 106.883 ms

Loss rate: 0.03%

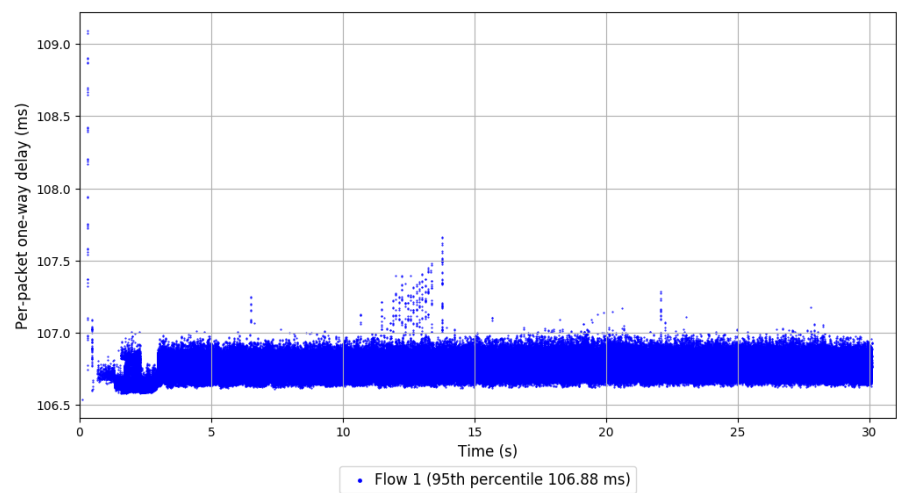
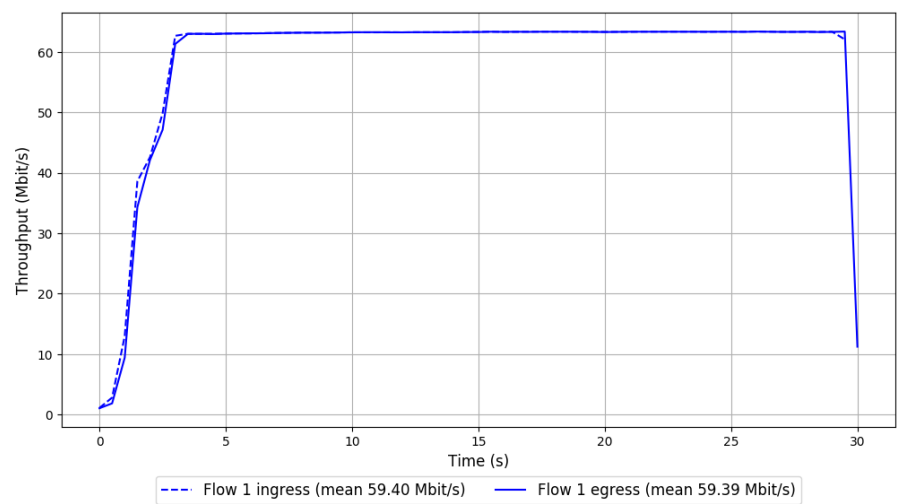
-- Flow 1:

Average throughput: 59.39 Mbit/s

95th percentile per-packet one-way delay: 106.883 ms

Loss rate: 0.03%

Run 8: Report of Copa — Data Link

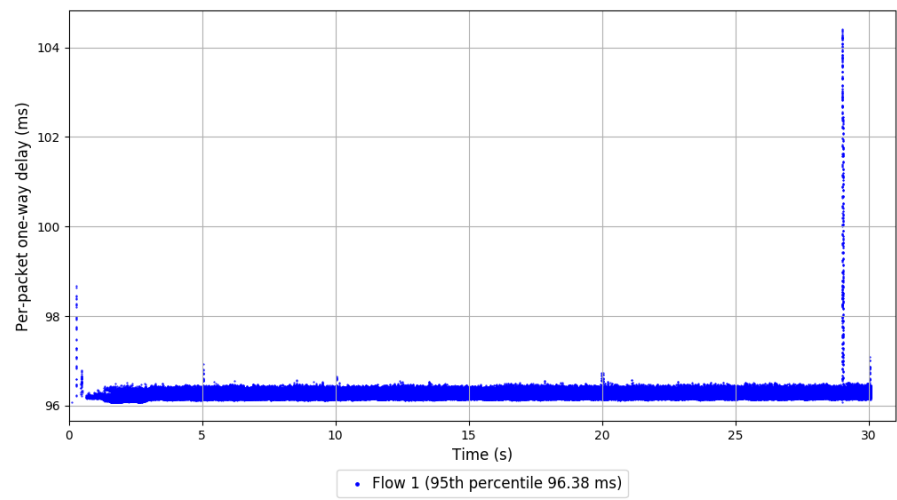
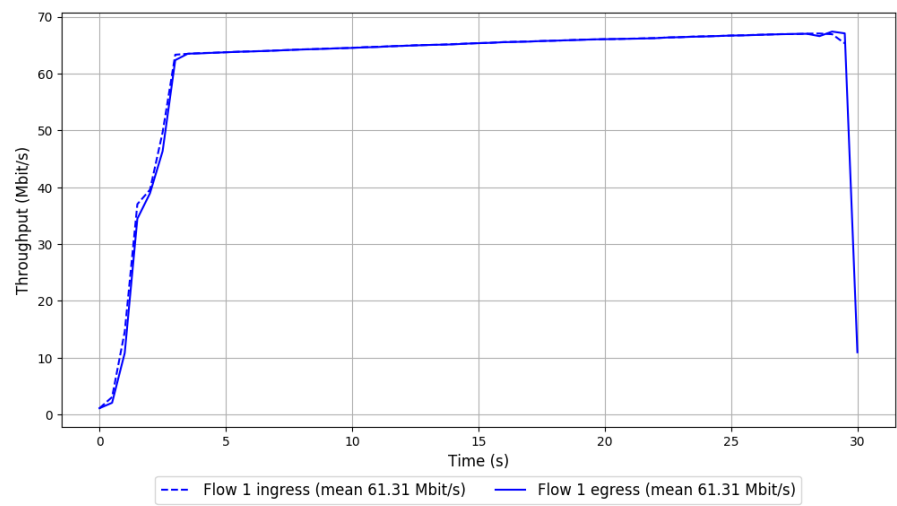


Run 9: Statistics of Copa

Start at: 2018-02-04 11:02:29
End at: 2018-02-04 11:02:59
Local clock offset: -0.106 ms
Remote clock offset: -2.187 ms

Below is generated by plot.py at 2018-02-04 12:06:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.31 Mbit/s
95th percentile per-packet one-way delay: 96.377 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 61.31 Mbit/s
95th percentile per-packet one-way delay: 96.377 ms
Loss rate: 0.01%

Run 9: Report of Copa — Data Link

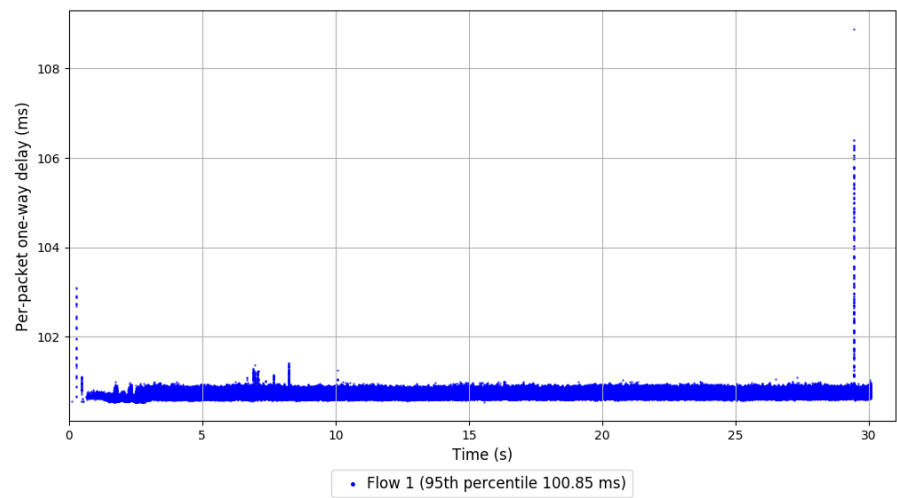
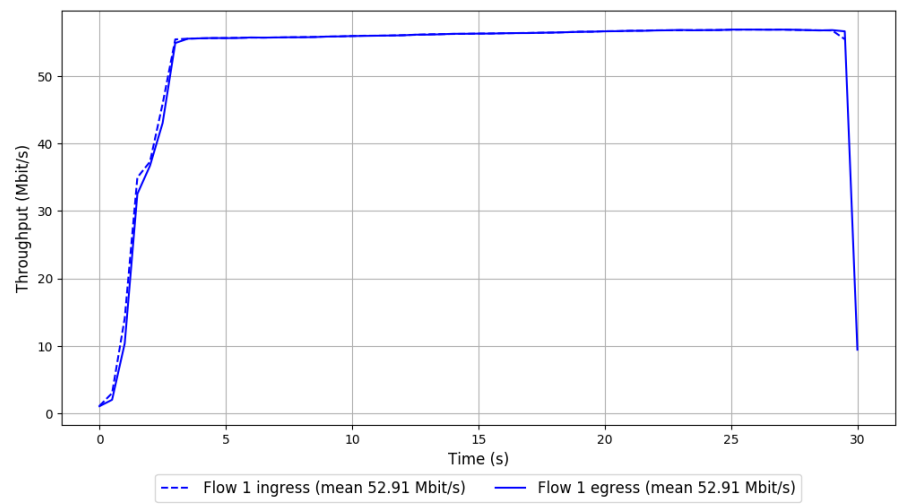


Run 10: Statistics of Copa

Start at: 2018-02-04 11:24:36
End at: 2018-02-04 11:25:06
Local clock offset: -0.108 ms
Remote clock offset: -3.953 ms

Below is generated by plot.py at 2018-02-04 12:06:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.91 Mbit/s
95th percentile per-packet one-way delay: 100.854 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 52.91 Mbit/s
95th percentile per-packet one-way delay: 100.854 ms
Loss rate: 0.03%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-02-04 07:46:09

End at: 2018-02-04 07:46:39

Local clock offset: -0.196 ms

Remote clock offset: 4.031 ms

Below is generated by plot.py at 2018-02-04 12:07:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.30 Mbit/s

95th percentile per-packet one-way delay: 124.433 ms

Loss rate: 3.99%

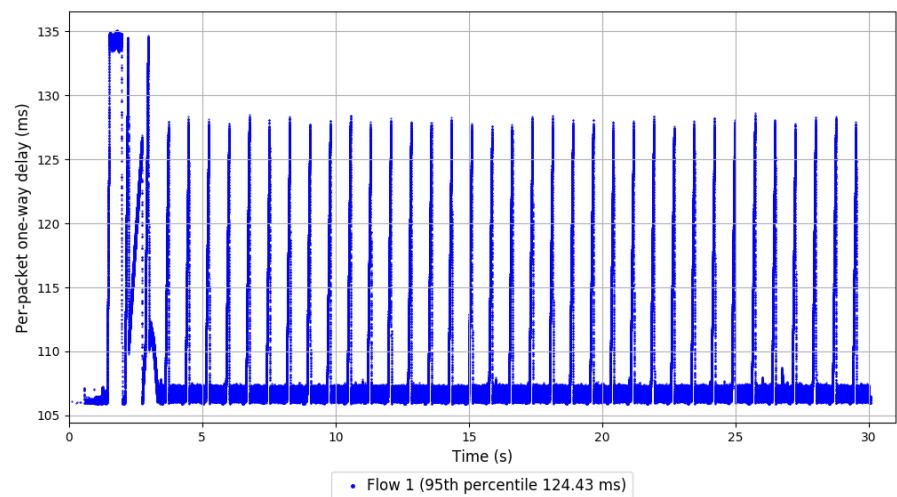
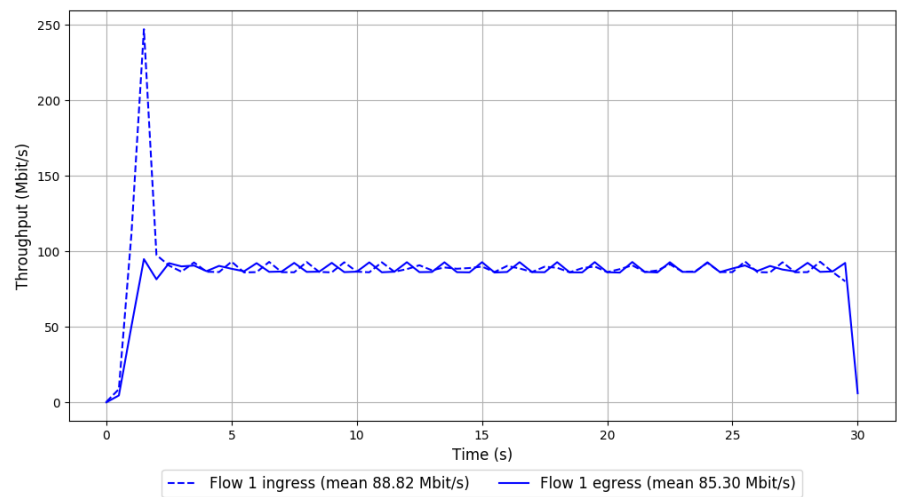
-- Flow 1:

Average throughput: 85.30 Mbit/s

95th percentile per-packet one-way delay: 124.433 ms

Loss rate: 3.99%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

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

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

Local clock offset: -0.132 ms

Remote clock offset: 2.65 ms

Below is generated by plot.py at 2018-02-04 12:07:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.28 Mbit/s

95th percentile per-packet one-way delay: 117.843 ms

Loss rate: 3.82%

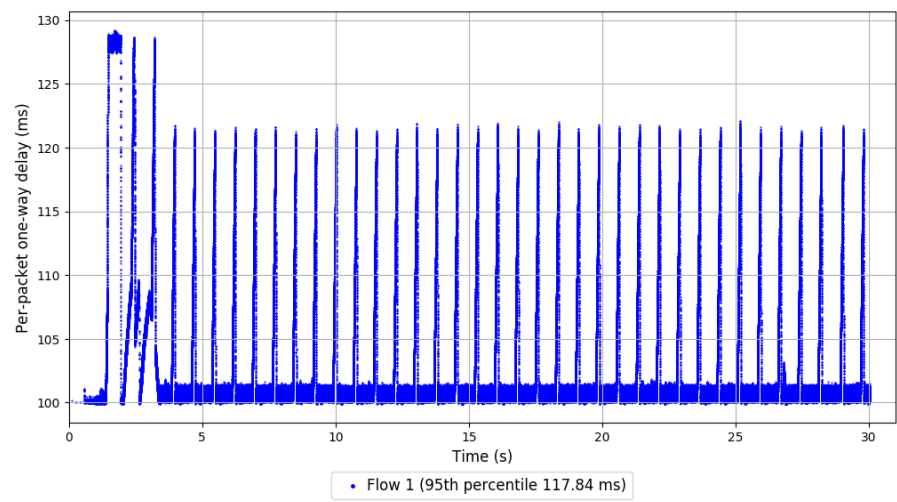
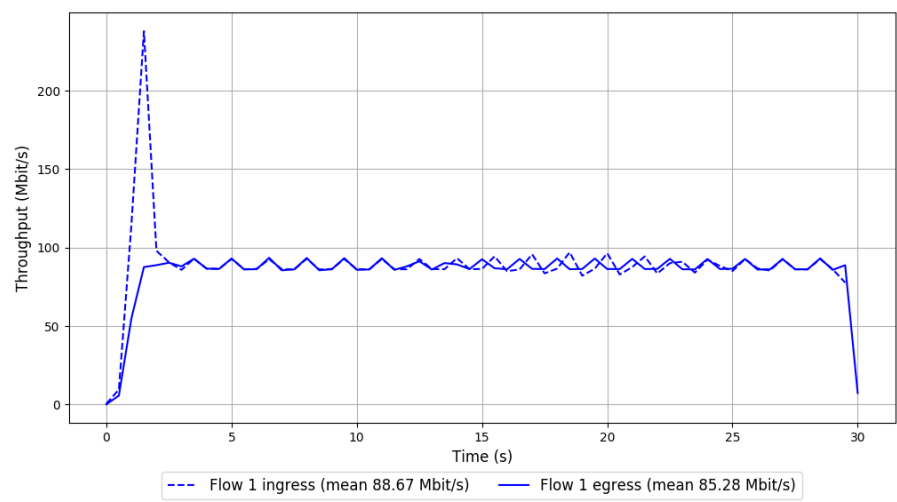
-- Flow 1:

Average throughput: 85.28 Mbit/s

95th percentile per-packet one-way delay: 117.843 ms

Loss rate: 3.82%

Run 2: Report of FillP — Data Link

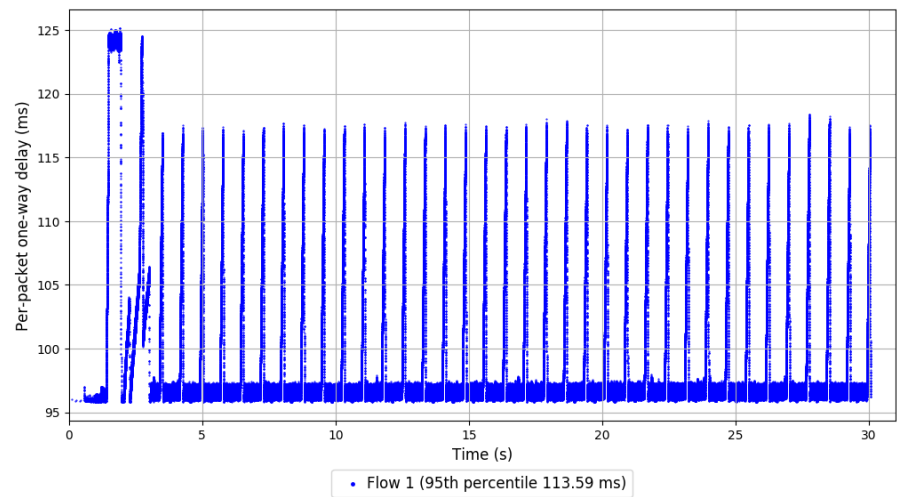
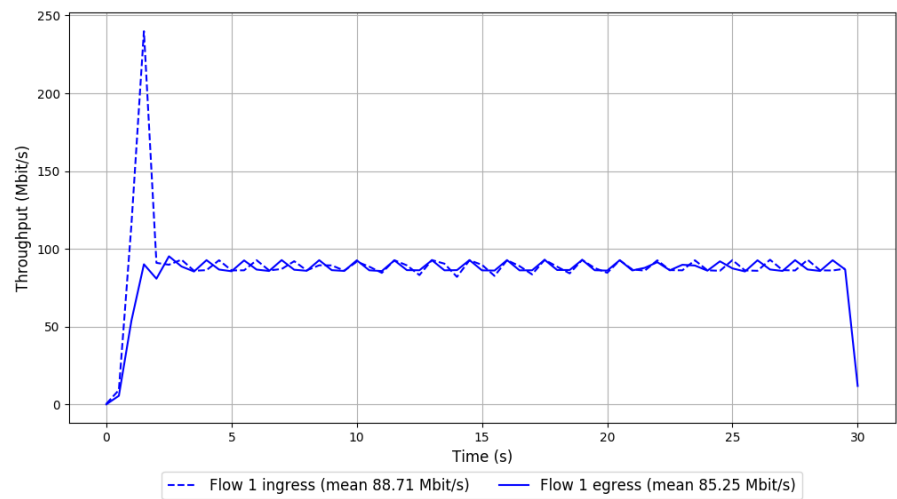


Run 3: Statistics of FillP

Start at: 2018-02-04 08:30:30
End at: 2018-02-04 08:31:01
Local clock offset: -0.105 ms
Remote clock offset: -1.878 ms

Below is generated by plot.py at 2018-02-04 12:07:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.25 Mbit/s
95th percentile per-packet one-way delay: 113.595 ms
Loss rate: 3.91%
-- Flow 1:
Average throughput: 85.25 Mbit/s
95th percentile per-packet one-way delay: 113.595 ms
Loss rate: 3.91%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-02-04 08:52:57

End at: 2018-02-04 08:53:27

Local clock offset: -0.092 ms

Remote clock offset: 2.414 ms

Below is generated by plot.py at 2018-02-04 12:07:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.24 Mbit/s

95th percentile per-packet one-way delay: 118.276 ms

Loss rate: 3.67%

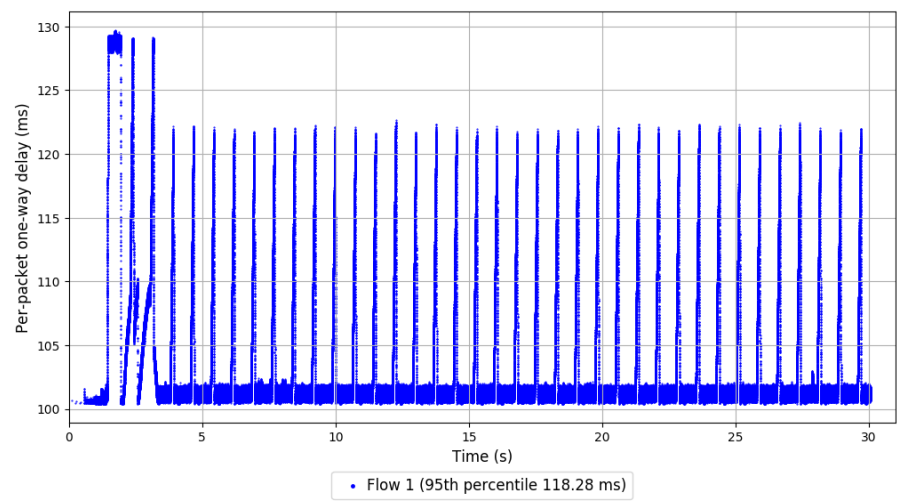
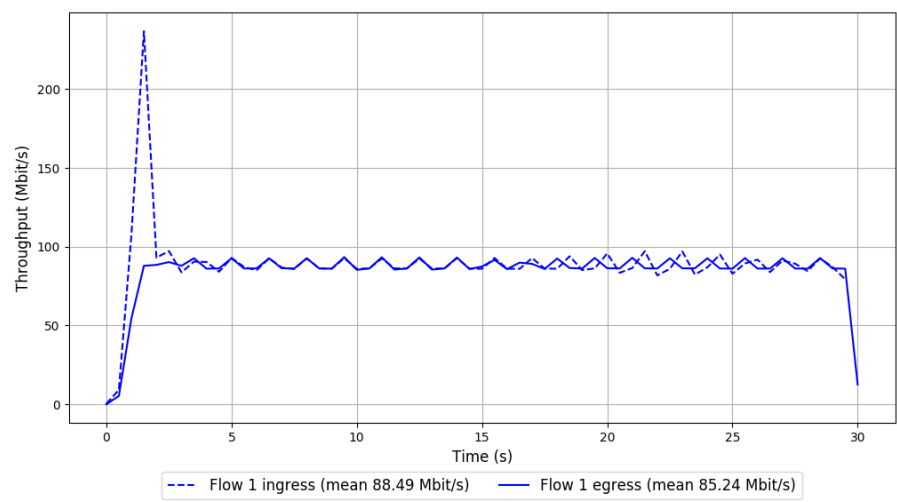
-- Flow 1:

Average throughput: 85.24 Mbit/s

95th percentile per-packet one-way delay: 118.276 ms

Loss rate: 3.67%

Run 4: Report of FillP — Data Link

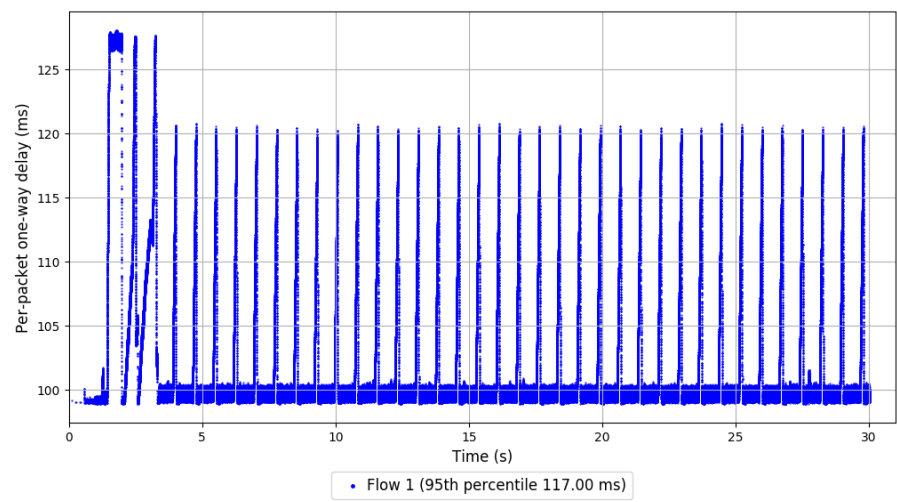
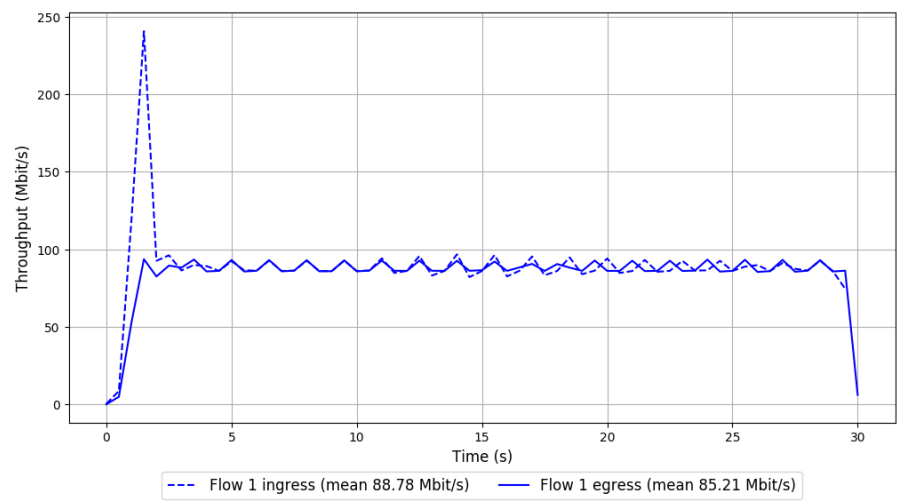


Run 5: Statistics of FillP

Start at: 2018-02-04 09:15:54
End at: 2018-02-04 09:16:24
Local clock offset: -0.203 ms
Remote clock offset: -3.109 ms

Below is generated by plot.py at 2018-02-04 12:07:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.21 Mbit/s
95th percentile per-packet one-way delay: 116.996 ms
Loss rate: 4.03%
-- Flow 1:
Average throughput: 85.21 Mbit/s
95th percentile per-packet one-way delay: 116.996 ms
Loss rate: 4.03%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-02-04 09:38:29

End at: 2018-02-04 09:38:59

Local clock offset: -0.165 ms

Remote clock offset: 1.678 ms

Below is generated by plot.py at 2018-02-04 12:08:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.25 Mbit/s

95th percentile per-packet one-way delay: 117.937 ms

Loss rate: 3.91%

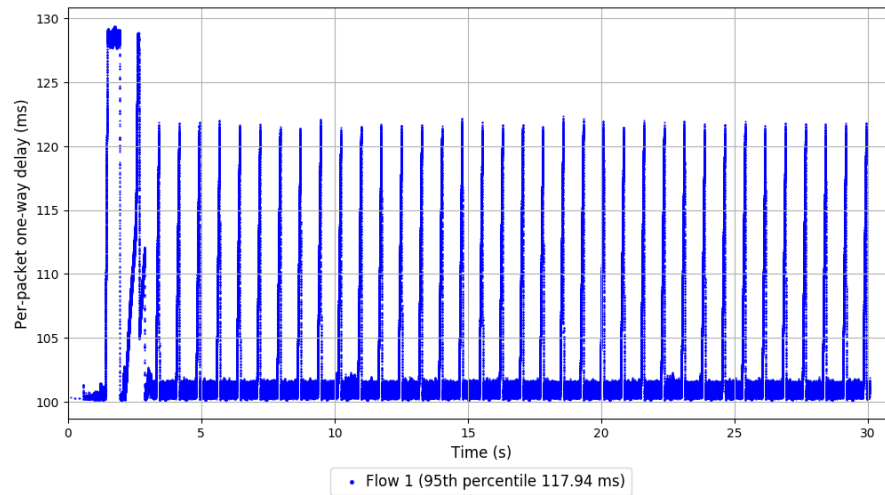
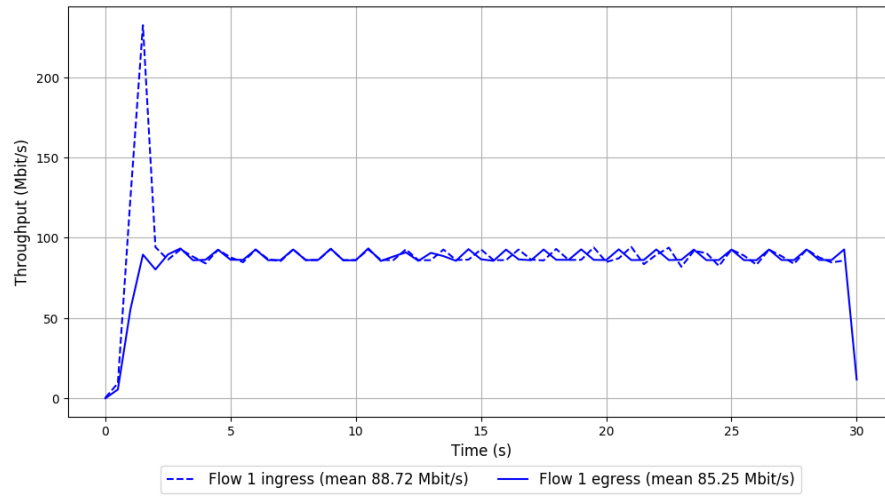
-- Flow 1:

Average throughput: 85.25 Mbit/s

95th percentile per-packet one-way delay: 117.937 ms

Loss rate: 3.91%

Run 6: Report of FillP — Data Link

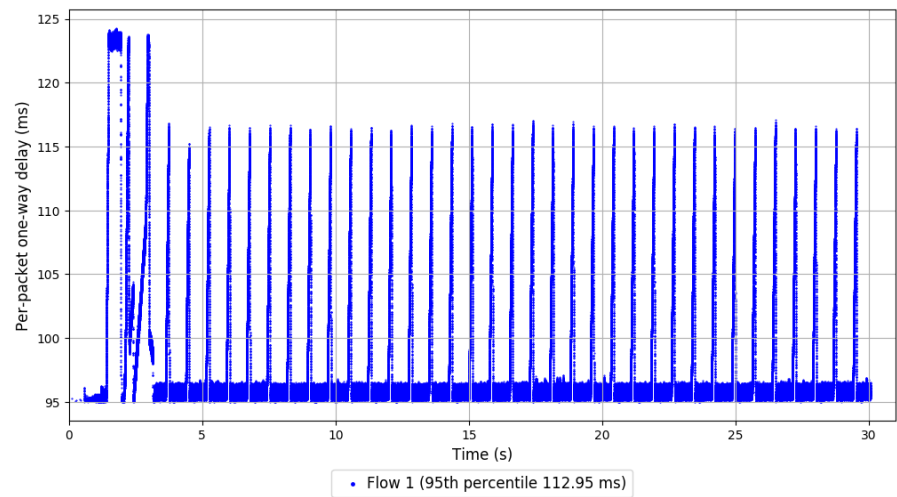
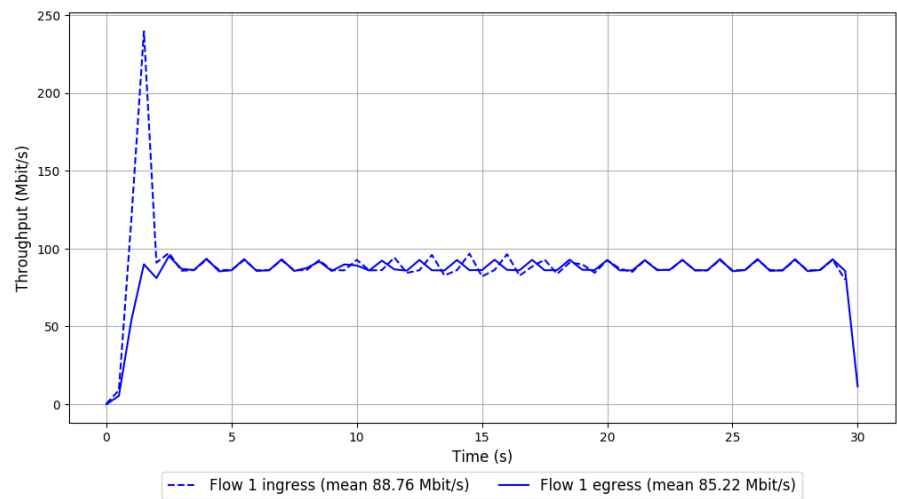


Run 7: Statistics of FillP

Start at: 2018-02-04 10:00:55
End at: 2018-02-04 10:01:25
Local clock offset: -0.158 ms
Remote clock offset: -3.455 ms

Below is generated by plot.py at 2018-02-04 12:08:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.22 Mbit/s
95th percentile per-packet one-way delay: 112.947 ms
Loss rate: 3.99%
-- Flow 1:
Average throughput: 85.22 Mbit/s
95th percentile per-packet one-way delay: 112.947 ms
Loss rate: 3.99%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-02-04 10:23:09

End at: 2018-02-04 10:23:39

Local clock offset: -0.207 ms

Remote clock offset: 2.716 ms

Below is generated by plot.py at 2018-02-04 12:08:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.22 Mbit/s

95th percentile per-packet one-way delay: 118.315 ms

Loss rate: 3.58%

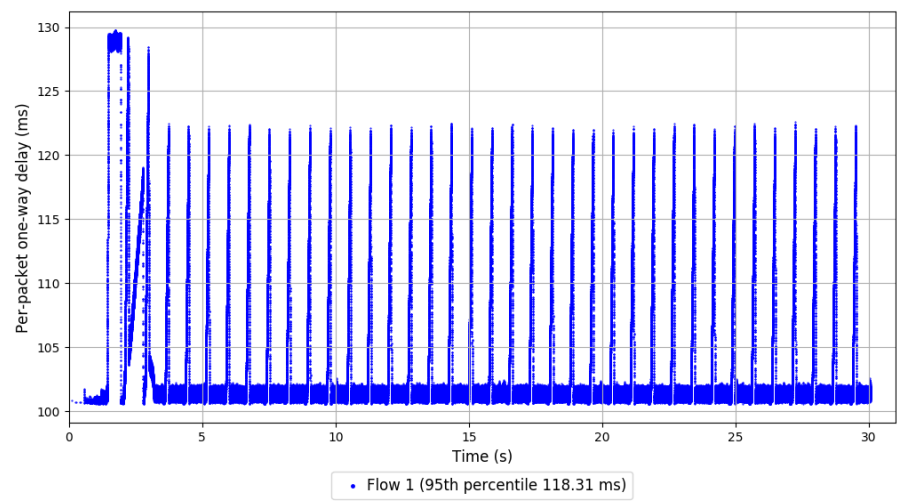
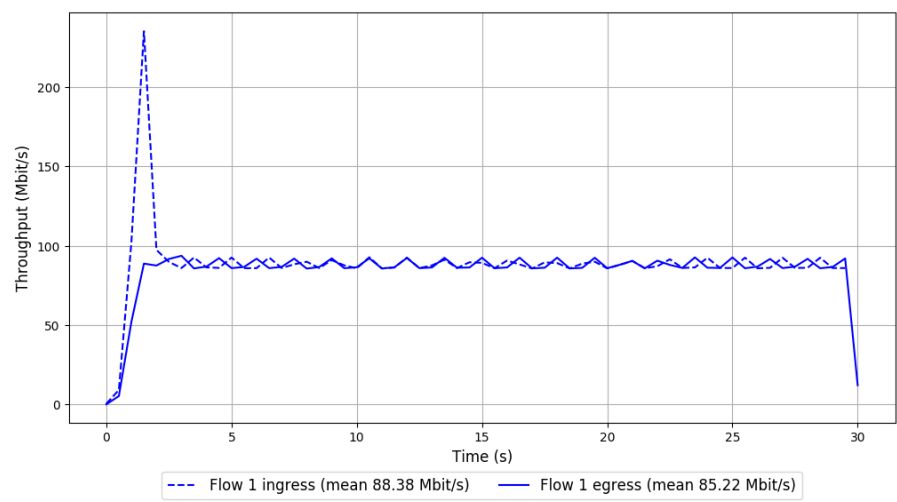
-- Flow 1:

Average throughput: 85.22 Mbit/s

95th percentile per-packet one-way delay: 118.315 ms

Loss rate: 3.58%

Run 8: Report of FillP — Data Link

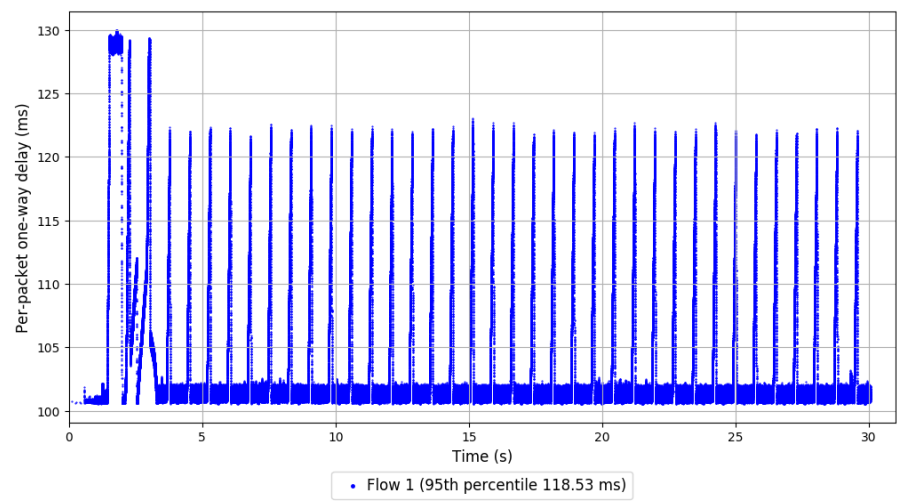
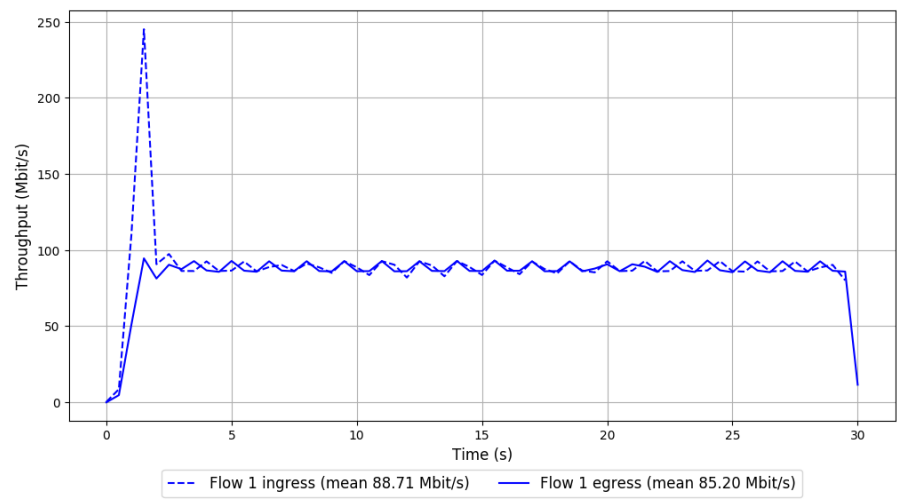


Run 9: Statistics of FillP

Start at: 2018-02-04 10:45:21
End at: 2018-02-04 10:45:51
Local clock offset: -0.11 ms
Remote clock offset: -2.365 ms

Below is generated by plot.py at 2018-02-04 12:09:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.20 Mbit/s
95th percentile per-packet one-way delay: 118.527 ms
Loss rate: 3.98%
-- Flow 1:
Average throughput: 85.20 Mbit/s
95th percentile per-packet one-way delay: 118.527 ms
Loss rate: 3.98%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-02-04 11:07:30

End at: 2018-02-04 11:08:00

Local clock offset: -0.123 ms

Remote clock offset: 2.45 ms

Below is generated by plot.py at 2018-02-04 12:09:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.19 Mbit/s

95th percentile per-packet one-way delay: 118.411 ms

Loss rate: 3.71%

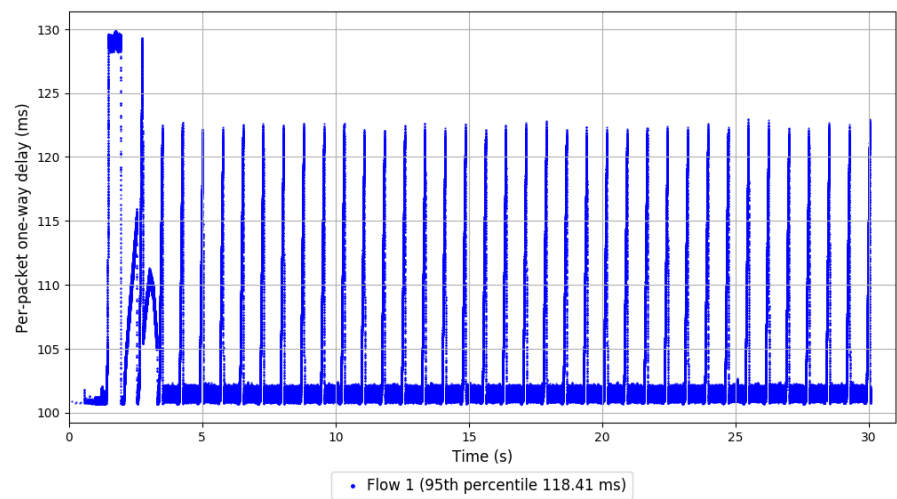
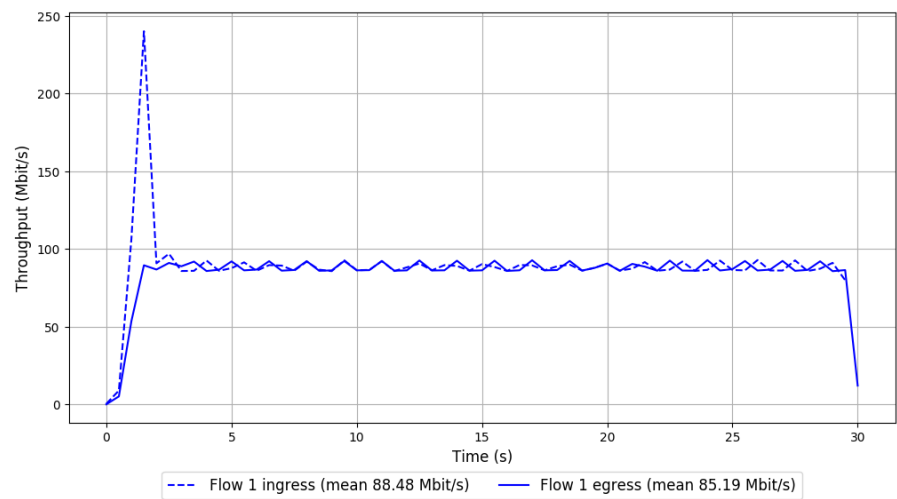
-- Flow 1:

Average throughput: 85.19 Mbit/s

95th percentile per-packet one-way delay: 118.411 ms

Loss rate: 3.71%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-02-04 07:57:12

End at: 2018-02-04 07:57:42

Local clock offset: -0.115 ms

Remote clock offset: 3.75 ms

Below is generated by plot.py at 2018-02-04 12:09:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.50 Mbit/s

95th percentile per-packet one-way delay: 108.392 ms

Loss rate: 0.74%

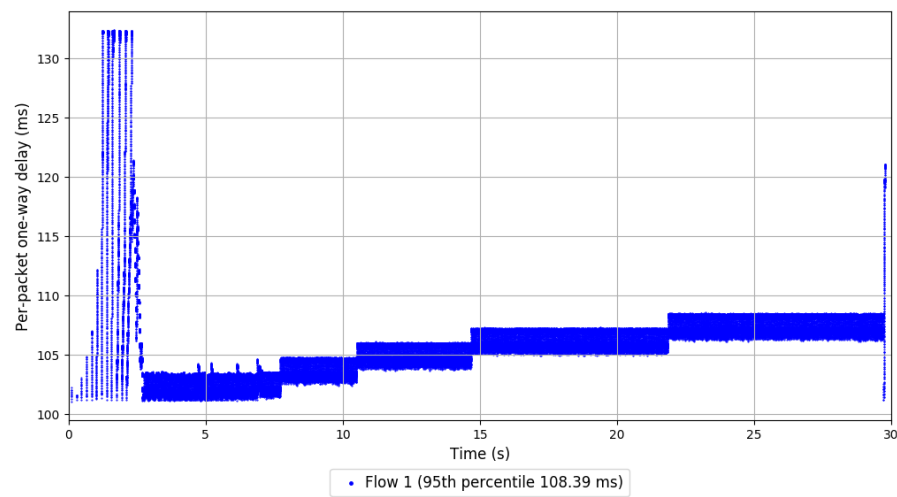
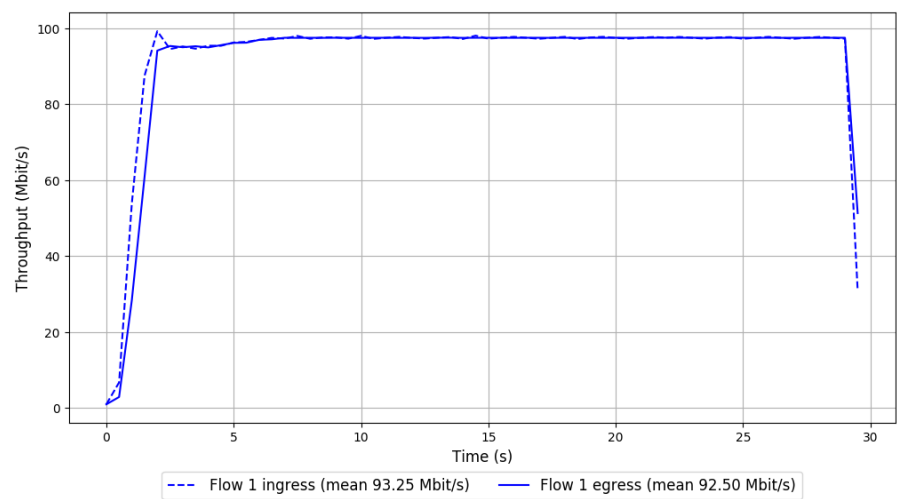
-- Flow 1:

Average throughput: 92.50 Mbit/s

95th percentile per-packet one-way delay: 108.392 ms

Loss rate: 0.74%

Run 1: Report of Indigo-1-32 — Data Link



Run 2: Statistics of Indigo-1-32

Start at: 2018-02-04 08:19:22

End at: 2018-02-04 08:19:52

Local clock offset: -0.138 ms

Remote clock offset: 4.106 ms

Below is generated by plot.py at 2018-02-04 12:09:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.97 Mbit/s

95th percentile per-packet one-way delay: 129.762 ms

Loss rate: 4.00%

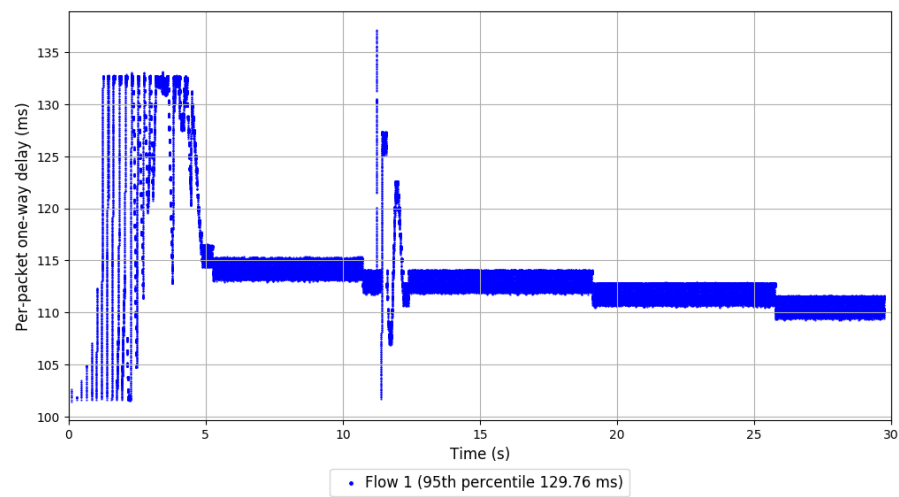
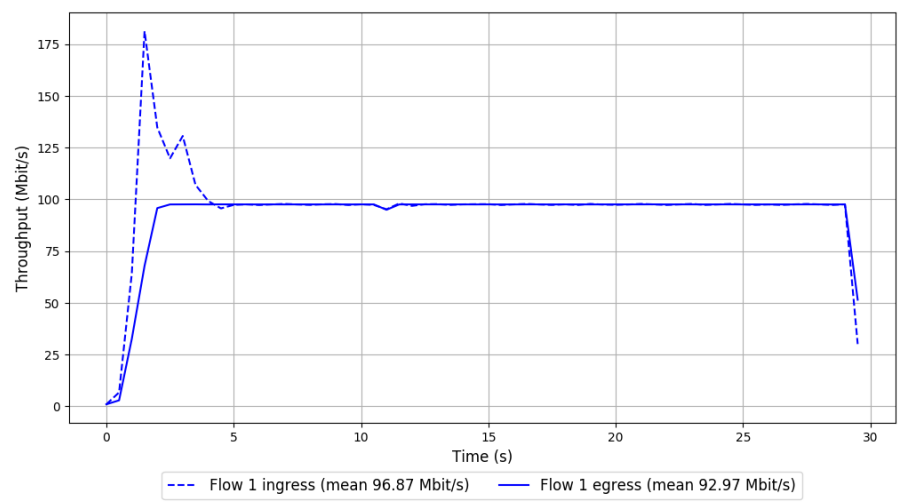
-- Flow 1:

Average throughput: 92.97 Mbit/s

95th percentile per-packet one-way delay: 129.762 ms

Loss rate: 4.00%

Run 2: Report of Indigo-1-32 — Data Link



Run 3: Statistics of Indigo-1-32

Start at: 2018-02-04 08:41:34

End at: 2018-02-04 08:42:04

Local clock offset: -0.07 ms

Remote clock offset: -2.99 ms

Below is generated by plot.py at 2018-02-04 12:09:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.48 Mbit/s

95th percentile per-packet one-way delay: 98.724 ms

Loss rate: 0.72%

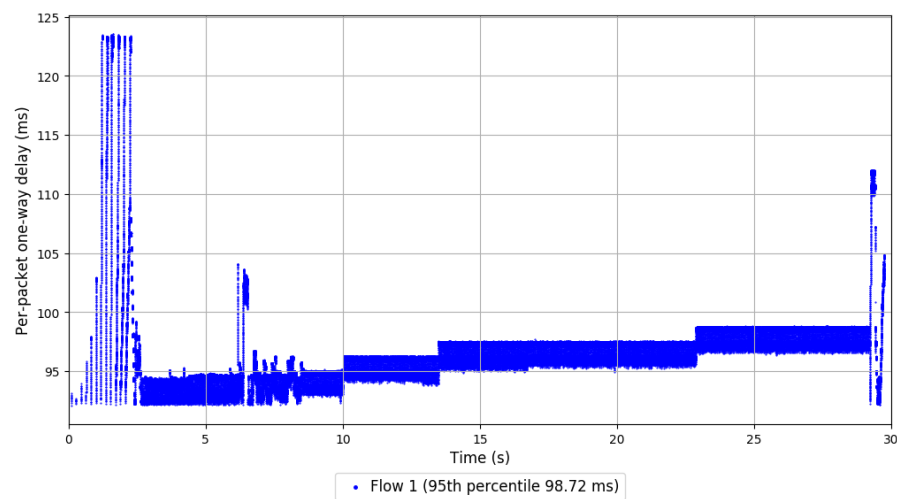
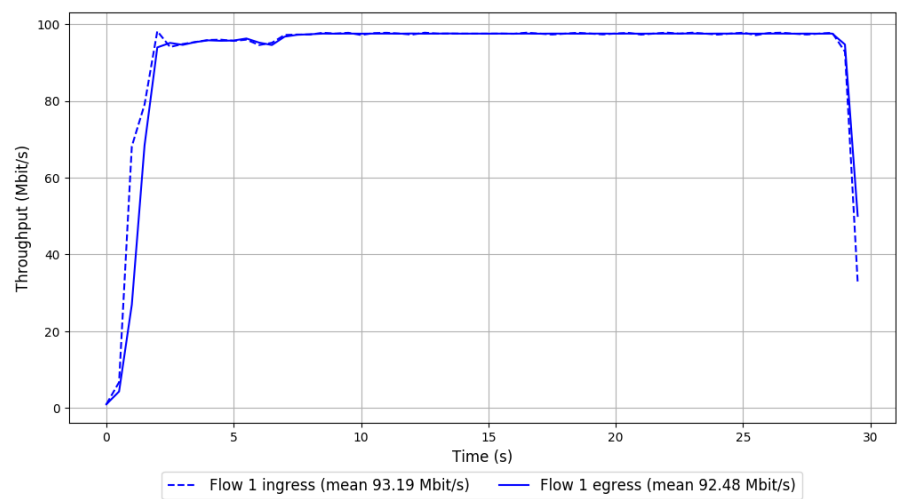
-- Flow 1:

Average throughput: 92.48 Mbit/s

95th percentile per-packet one-way delay: 98.724 ms

Loss rate: 0.72%

Run 3: Report of Indigo-1-32 — Data Link



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-04 09:04:35

End at: 2018-02-04 09:05:05

Local clock offset: -0.107 ms

Remote clock offset: 1.416 ms

Below is generated by plot.py at 2018-02-04 12:09:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.81 Mbit/s

95th percentile per-packet one-way delay: 108.047 ms

Loss rate: 0.67%

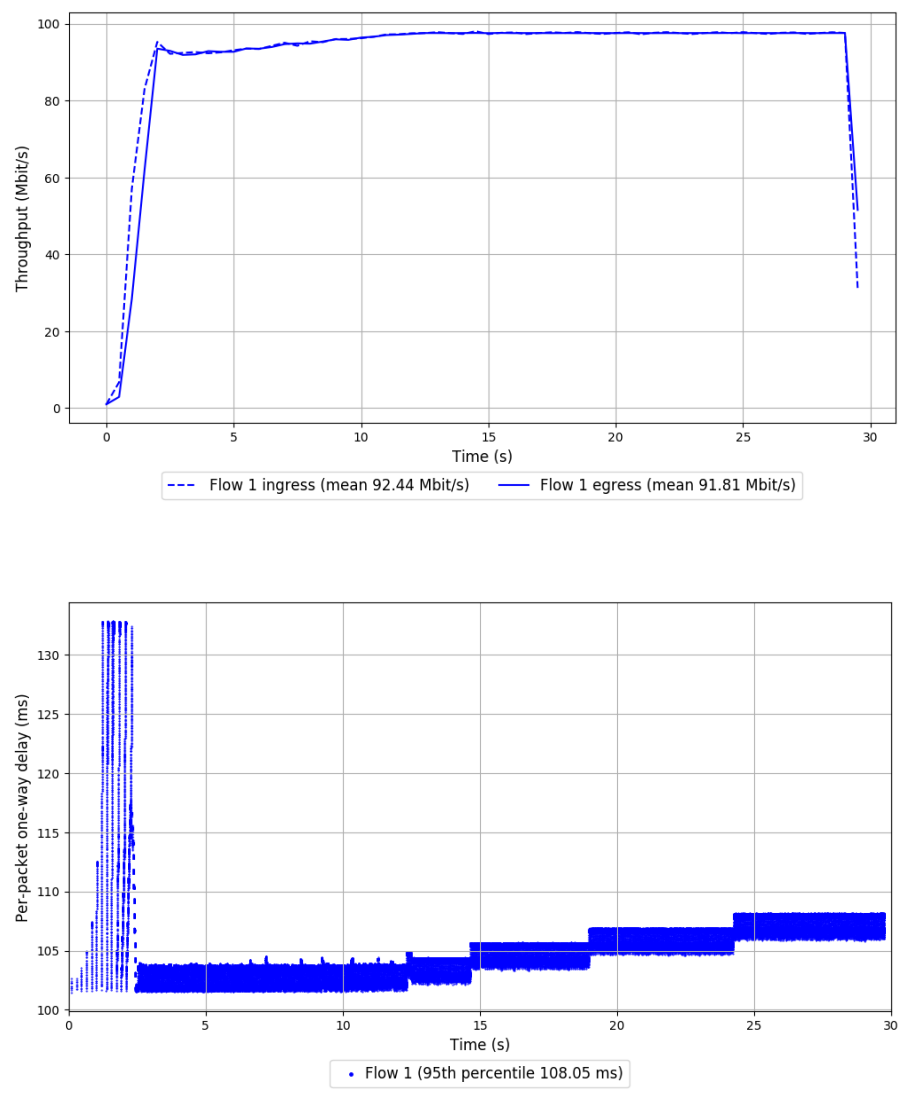
-- Flow 1:

Average throughput: 91.81 Mbit/s

95th percentile per-packet one-way delay: 108.047 ms

Loss rate: 0.67%

Run 4: Report of Indigo-1-32 — Data Link



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-04 09:27:01

End at: 2018-02-04 09:27:32

Local clock offset: -0.148 ms

Remote clock offset: 2.369 ms

Below is generated by plot.py at 2018-02-04 12:09:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.51 Mbit/s

95th percentile per-packet one-way delay: 116.592 ms

Loss rate: 0.65%

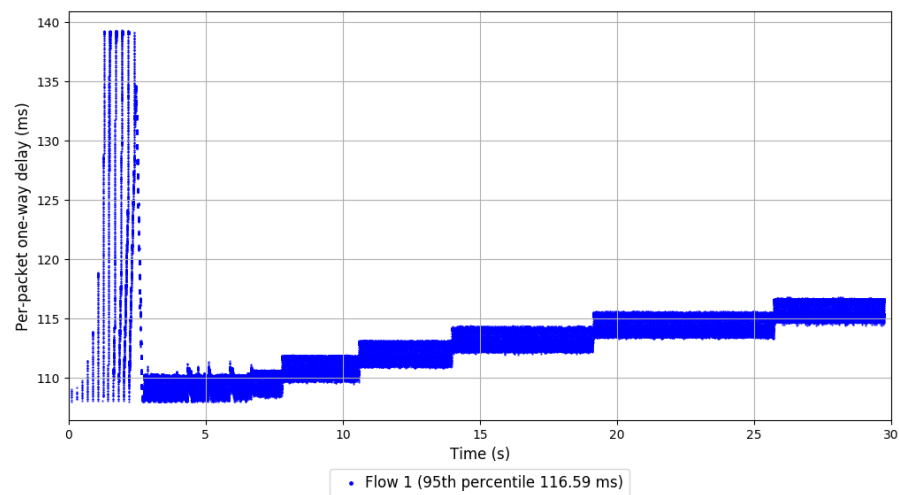
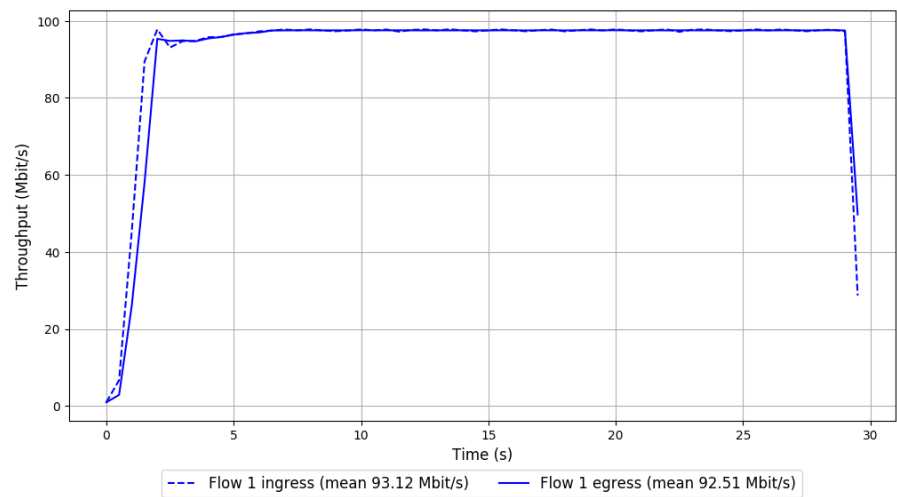
-- Flow 1:

Average throughput: 92.51 Mbit/s

95th percentile per-packet one-way delay: 116.592 ms

Loss rate: 0.65%

Run 5: Report of Indigo-1-32 — Data Link



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-04 09:49:48

End at: 2018-02-04 09:50:18

Local clock offset: -0.129 ms

Remote clock offset: 1.582 ms

Below is generated by plot.py at 2018-02-04 12:10:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.68 Mbit/s

95th percentile per-packet one-way delay: 108.517 ms

Loss rate: 0.89%

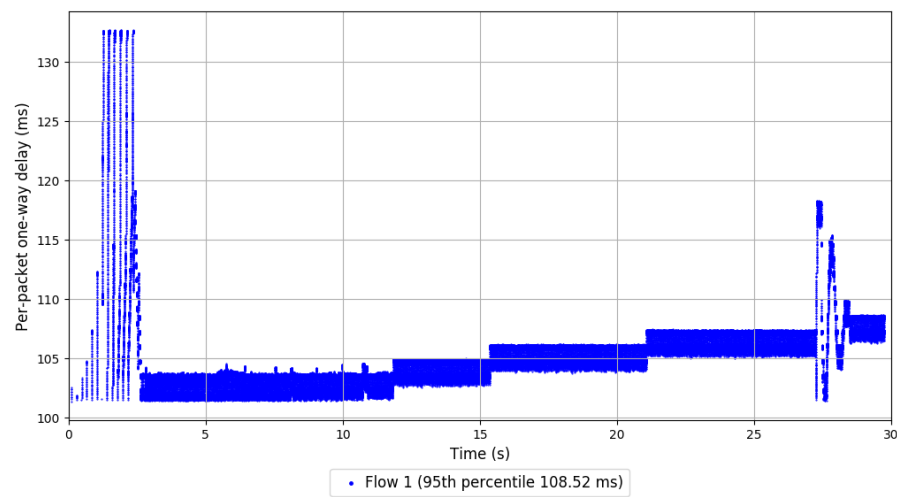
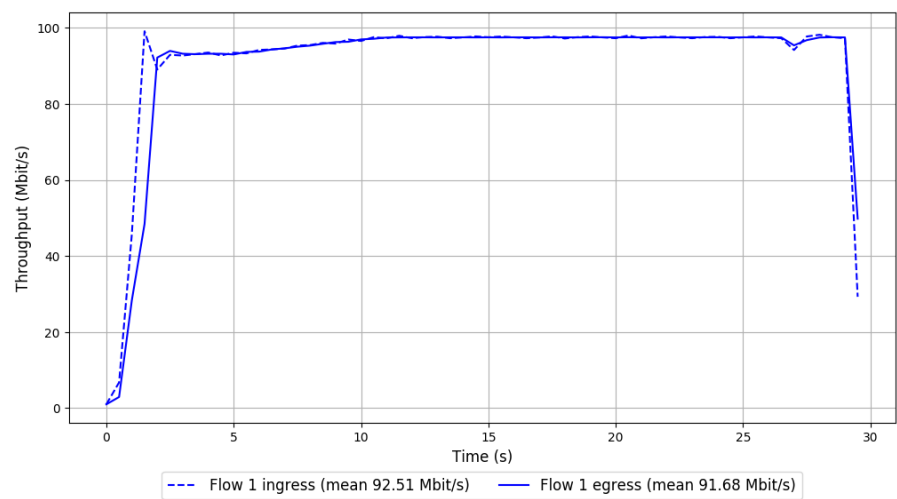
-- Flow 1:

Average throughput: 91.68 Mbit/s

95th percentile per-packet one-way delay: 108.517 ms

Loss rate: 0.89%

Run 6: Report of Indigo-1-32 — Data Link

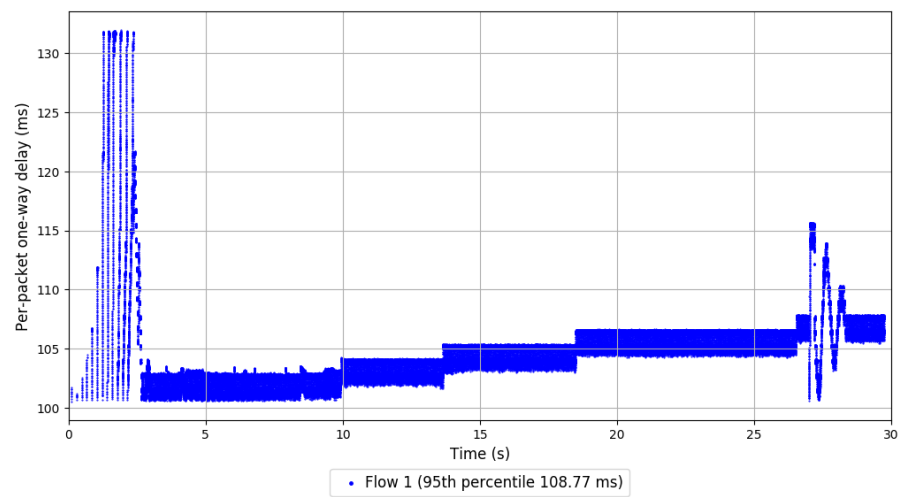
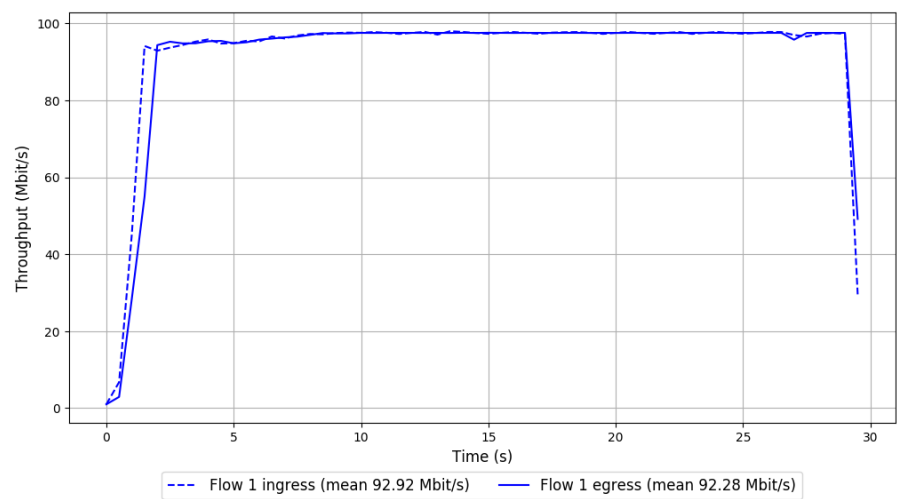


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-04 10:12:04
End at: 2018-02-04 10:12:34
Local clock offset: -0.143 ms
Remote clock offset: -3.265 ms

Below is generated by plot.py at 2018-02-04 12:10:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 108.771 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 108.771 ms
Loss rate: 0.70%

Run 7: Report of Indigo-1-32 — Data Link



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-04 10:34:12

End at: 2018-02-04 10:34:42

Local clock offset: -0.145 ms

Remote clock offset: -2.567 ms

Below is generated by plot.py at 2018-02-04 12:10:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.39 Mbit/s

95th percentile per-packet one-way delay: 104.249 ms

Loss rate: 0.68%

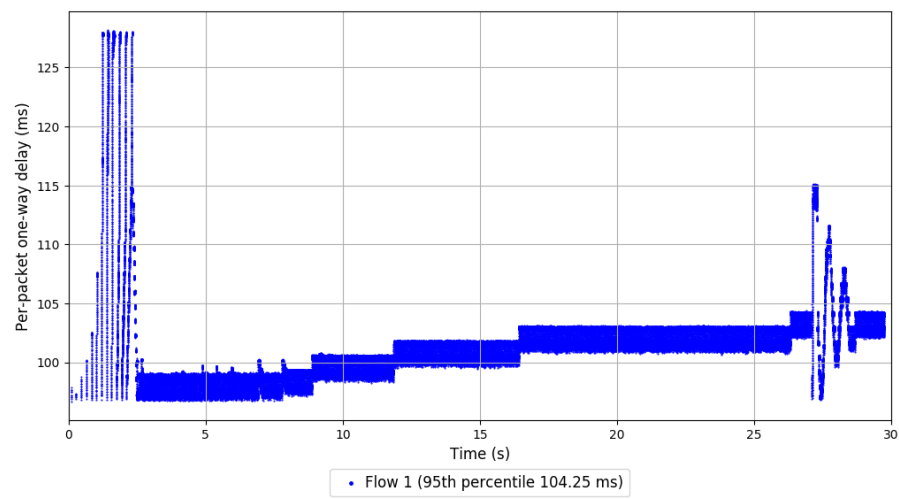
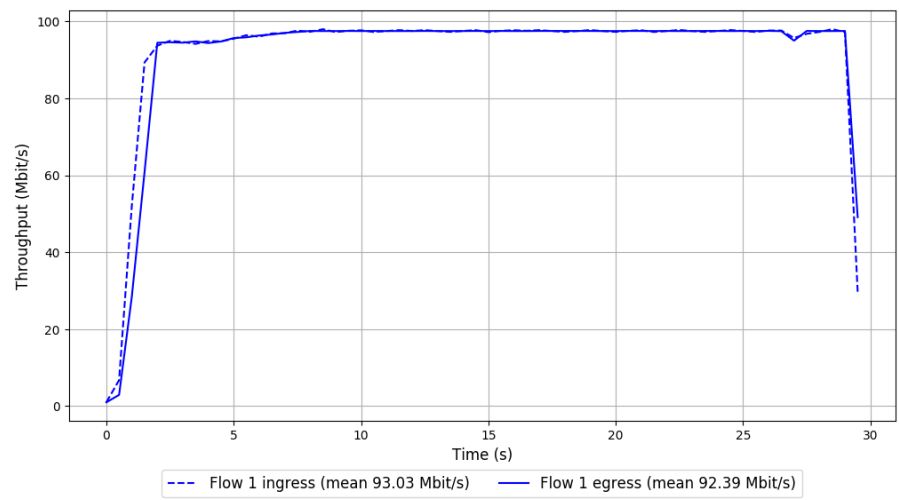
-- Flow 1:

Average throughput: 92.39 Mbit/s

95th percentile per-packet one-way delay: 104.249 ms

Loss rate: 0.68%

Run 8: Report of Indigo-1-32 — Data Link

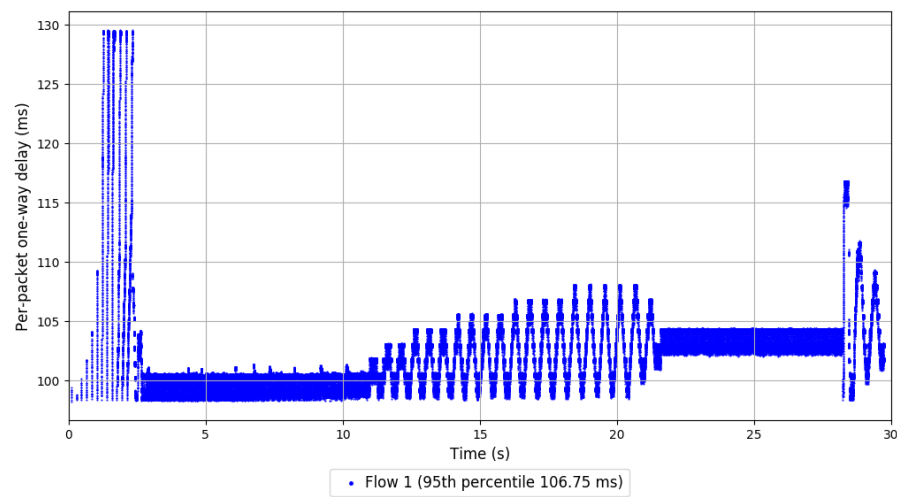
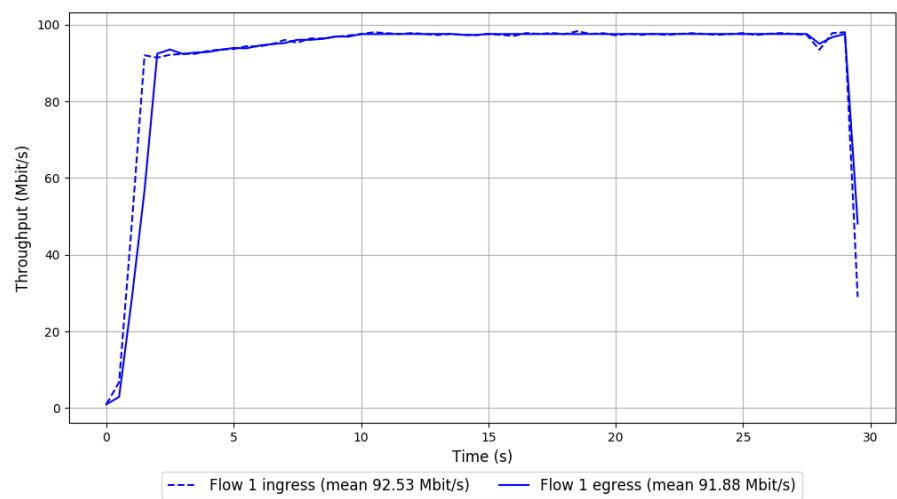


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-04 10:56:26
End at: 2018-02-04 10:56:56
Local clock offset: -0.104 ms
Remote clock offset: -2.691 ms

Below is generated by plot.py at 2018-02-04 12:10:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.88 Mbit/s
95th percentile per-packet one-way delay: 106.754 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 91.88 Mbit/s
95th percentile per-packet one-way delay: 106.754 ms
Loss rate: 0.70%

Run 9: Report of Indigo-1-32 — Data Link

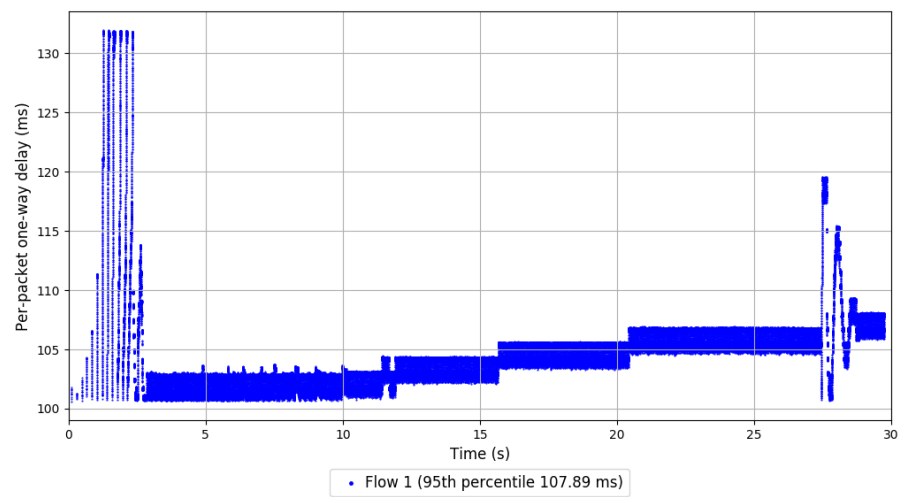
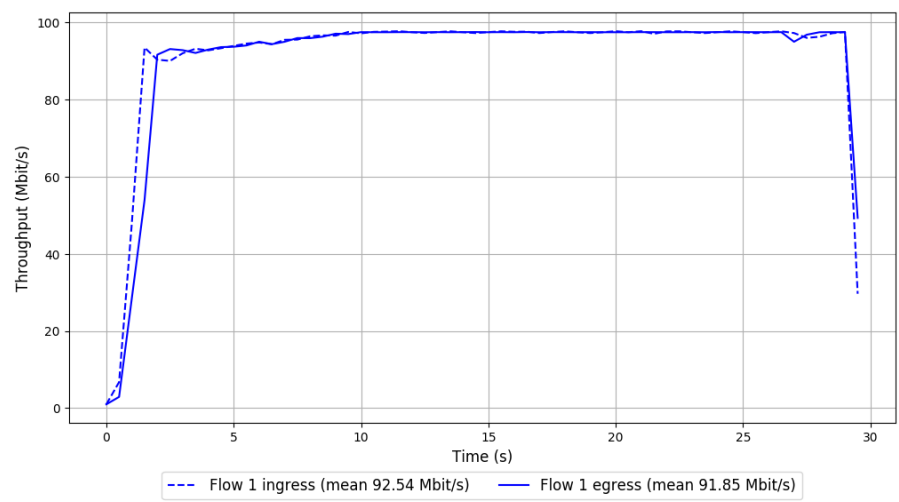


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-04 11:18:33
End at: 2018-02-04 11:19:03
Local clock offset: -0.178 ms
Remote clock offset: -3.744 ms

Below is generated by plot.py at 2018-02-04 12:11:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.85 Mbit/s
95th percentile per-packet one-way delay: 107.886 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 91.85 Mbit/s
95th percentile per-packet one-way delay: 107.886 ms
Loss rate: 0.74%

Run 10: Report of Indigo-1-32 — Data Link



Run 1: Statistics of Vivace-latency

Start at: 2018-02-04 07:51:01

End at: 2018-02-04 07:51:31

Local clock offset: -0.143 ms

Remote clock offset: 2.953 ms

Below is generated by plot.py at 2018-02-04 12:11:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.85 Mbit/s

95th percentile per-packet one-way delay: 127.225 ms

Loss rate: 0.13%

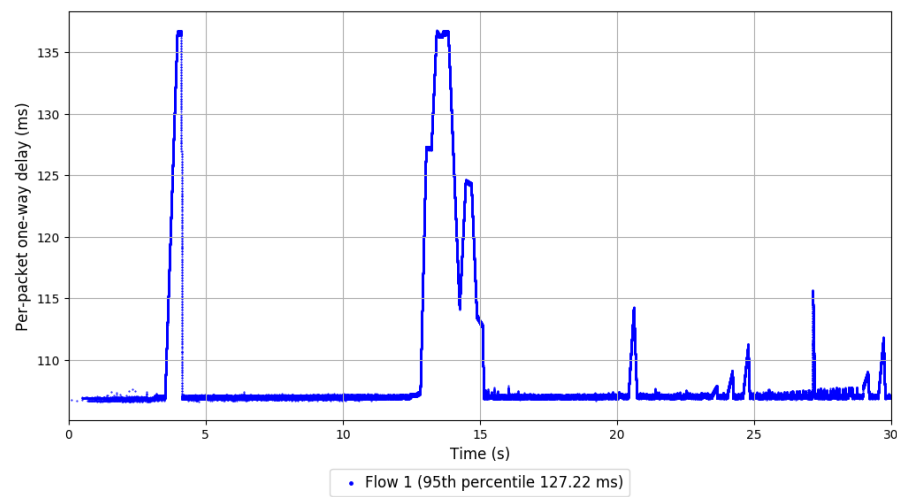
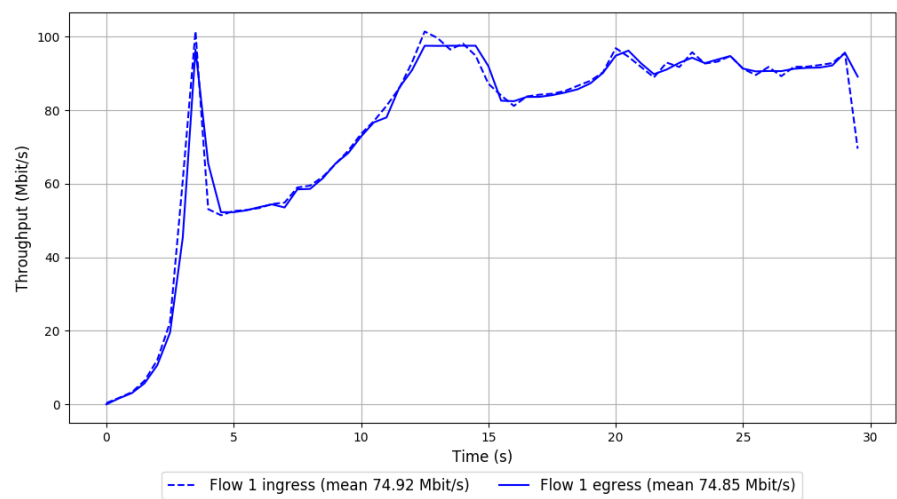
-- Flow 1:

Average throughput: 74.85 Mbit/s

95th percentile per-packet one-way delay: 127.225 ms

Loss rate: 0.13%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-02-04 08:13:06

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

Local clock offset: -0.145 ms

Remote clock offset: 3.373 ms

Below is generated by plot.py at 2018-02-04 12:11:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.28 Mbit/s

95th percentile per-packet one-way delay: 102.980 ms

Loss rate: 0.04%

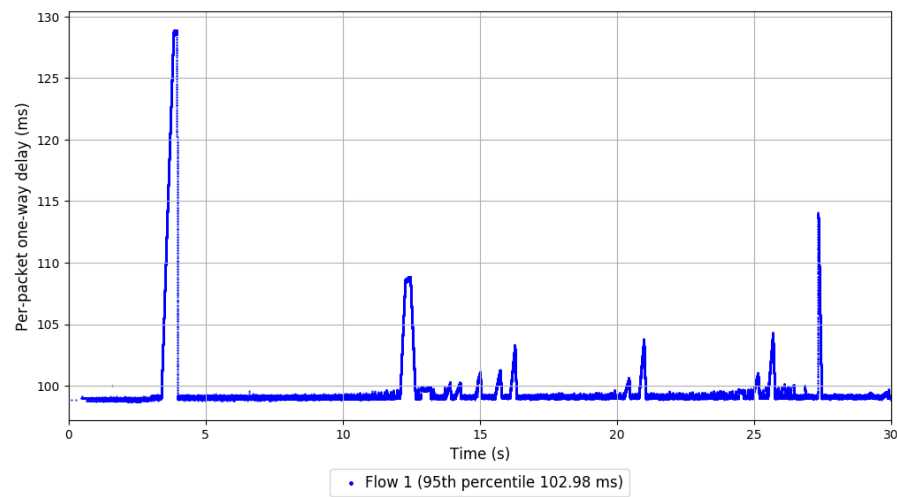
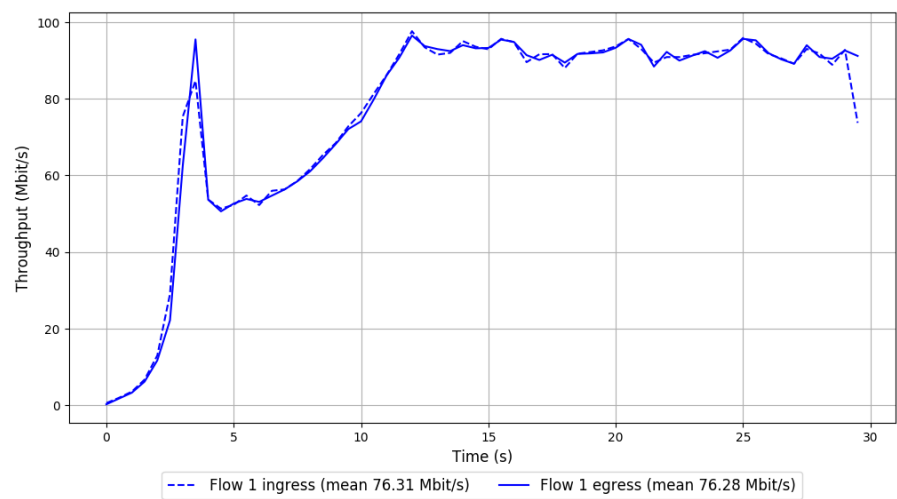
-- Flow 1:

Average throughput: 76.28 Mbit/s

95th percentile per-packet one-way delay: 102.980 ms

Loss rate: 0.04%

Run 2: Report of Vivace-latency — Data Link

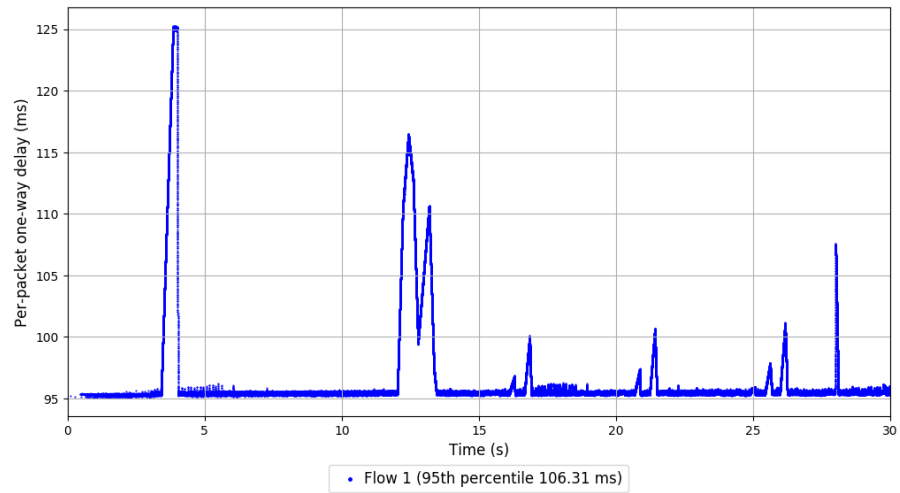
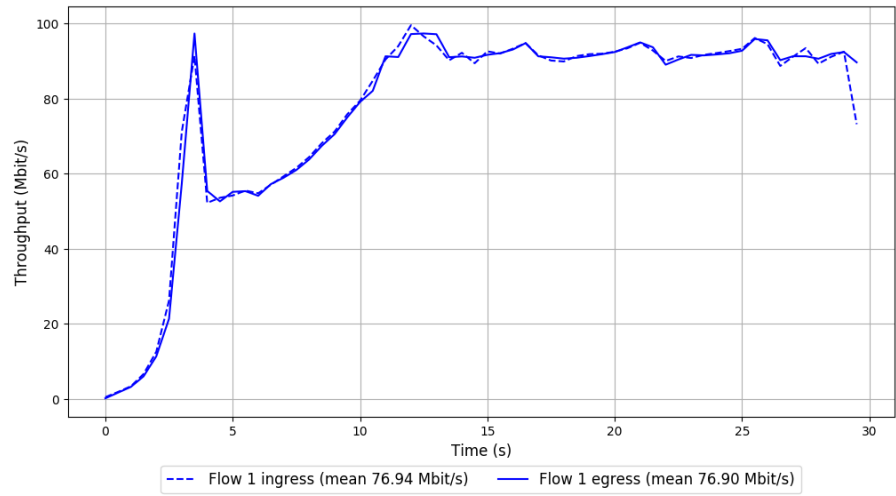


Run 3: Statistics of Vivace-latency

Start at: 2018-02-04 08:35:22
End at: 2018-02-04 08:35:52
Local clock offset: -0.102 ms
Remote clock offset: -2.873 ms

Below is generated by plot.py at 2018-02-04 12:11:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.90 Mbit/s
95th percentile per-packet one-way delay: 106.305 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 76.90 Mbit/s
95th percentile per-packet one-way delay: 106.305 ms
Loss rate: 0.05%

Run 3: Report of Vivace-latency — Data Link

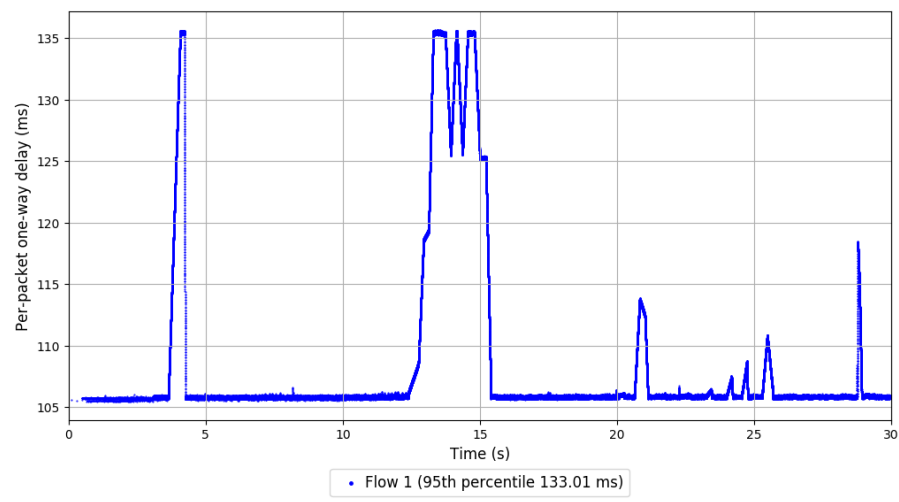
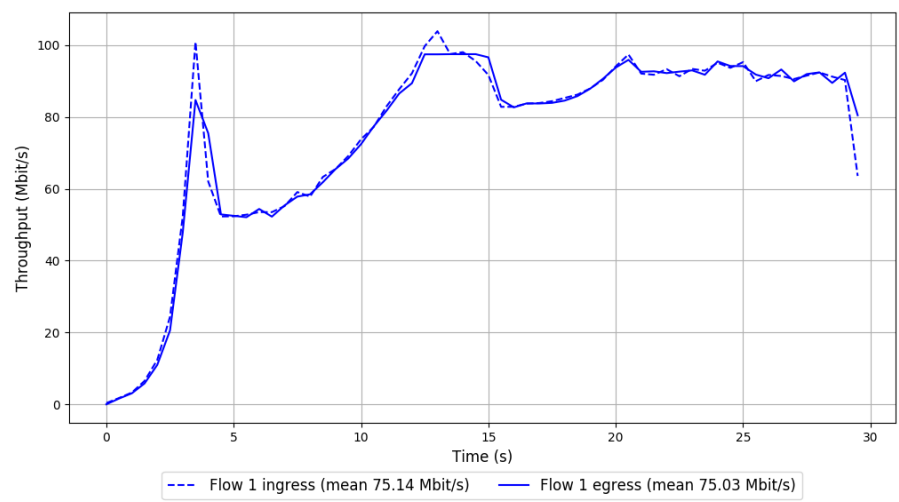


Run 4: Statistics of Vivace-latency

Start at: 2018-02-04 08:58:03
End at: 2018-02-04 08:58:33
Local clock offset: -0.155 ms
Remote clock offset: 1.541 ms

Below is generated by plot.py at 2018-02-04 12:11:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.03 Mbit/s
95th percentile per-packet one-way delay: 133.011 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 75.03 Mbit/s
95th percentile per-packet one-way delay: 133.011 ms
Loss rate: 0.17%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-02-04 09:20:48

End at: 2018-02-04 09:21:18

Local clock offset: -0.193 ms

Remote clock offset: 2.897 ms

Below is generated by plot.py at 2018-02-04 12:11:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.52 Mbit/s

95th percentile per-packet one-way delay: 129.596 ms

Loss rate: 0.19%

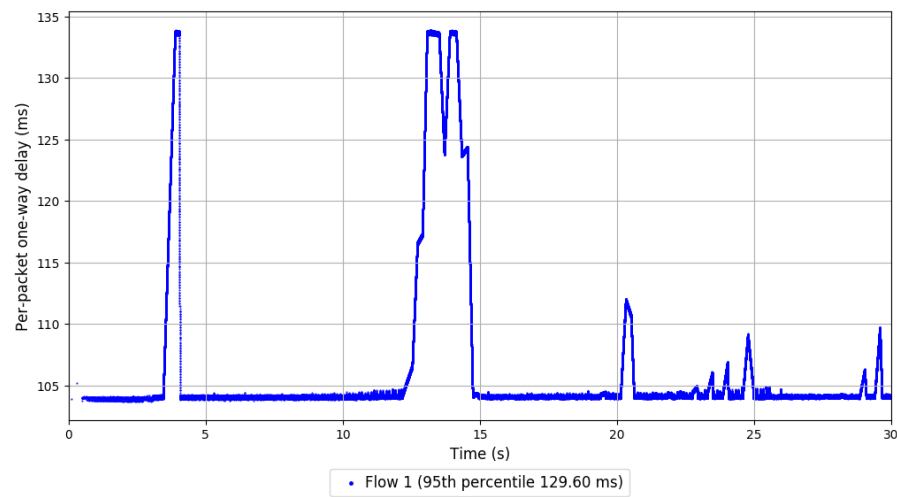
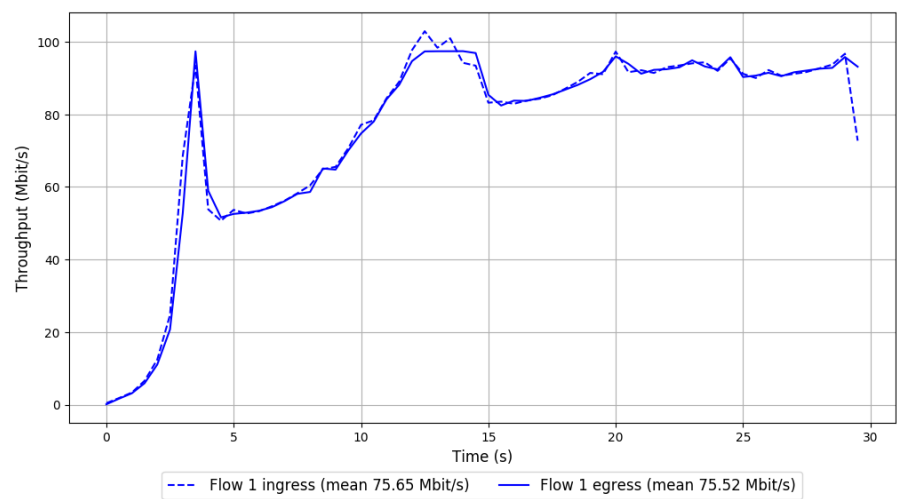
-- Flow 1:

Average throughput: 75.52 Mbit/s

95th percentile per-packet one-way delay: 129.596 ms

Loss rate: 0.19%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-02-04 09:43:21

End at: 2018-02-04 09:43:51

Local clock offset: -0.218 ms

Remote clock offset: 3.302 ms

Below is generated by plot.py at 2018-02-04 12:11:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.61 Mbit/s

95th percentile per-packet one-way delay: 114.564 ms

Loss rate: 0.05%

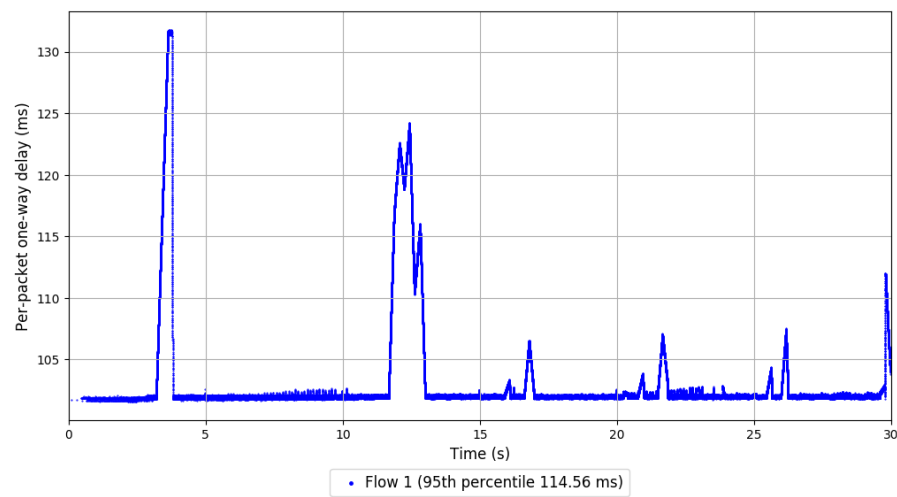
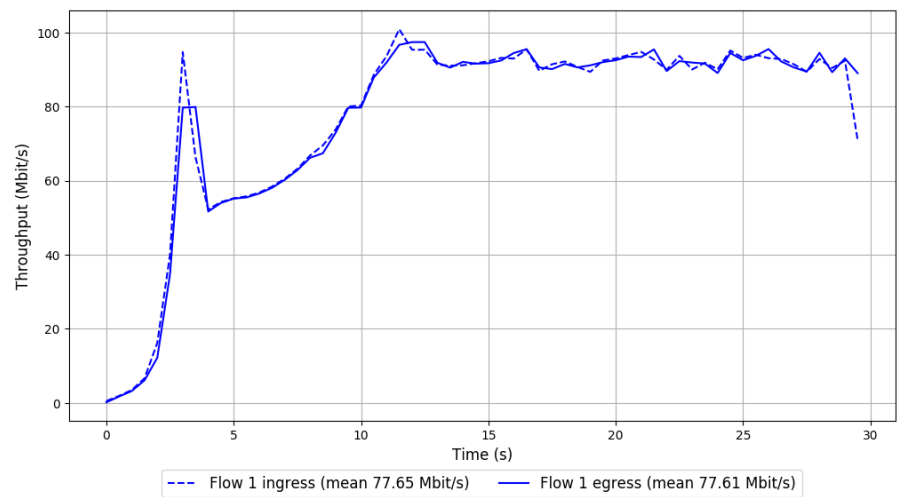
-- Flow 1:

Average throughput: 77.61 Mbit/s

95th percentile per-packet one-way delay: 114.564 ms

Loss rate: 0.05%

Run 6: Report of Vivace-latency — Data Link



Run 7: Statistics of Vivace-latency

Start at: 2018-02-04 10:05:47

End at: 2018-02-04 10:06:17

Local clock offset: -0.167 ms

Remote clock offset: 2.018 ms

Below is generated by plot.py at 2018-02-04 12:11:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.57 Mbit/s

95th percentile per-packet one-way delay: 127.616 ms

Loss rate: 0.18%

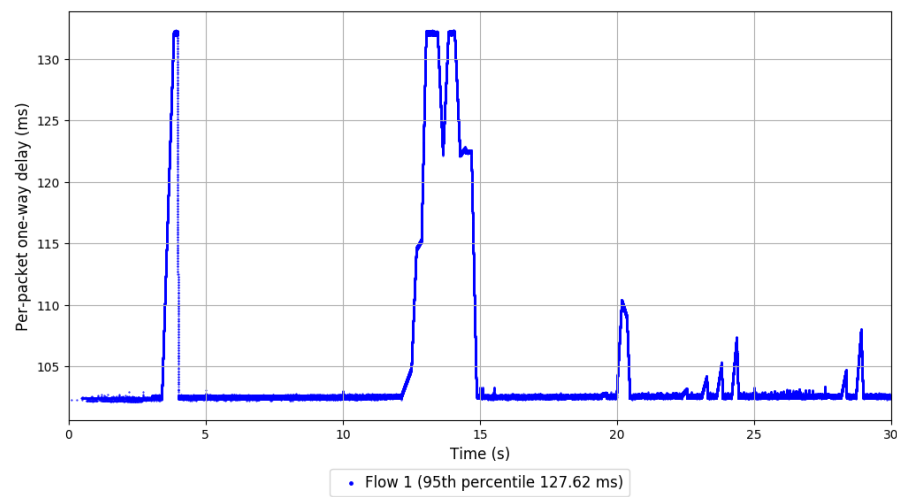
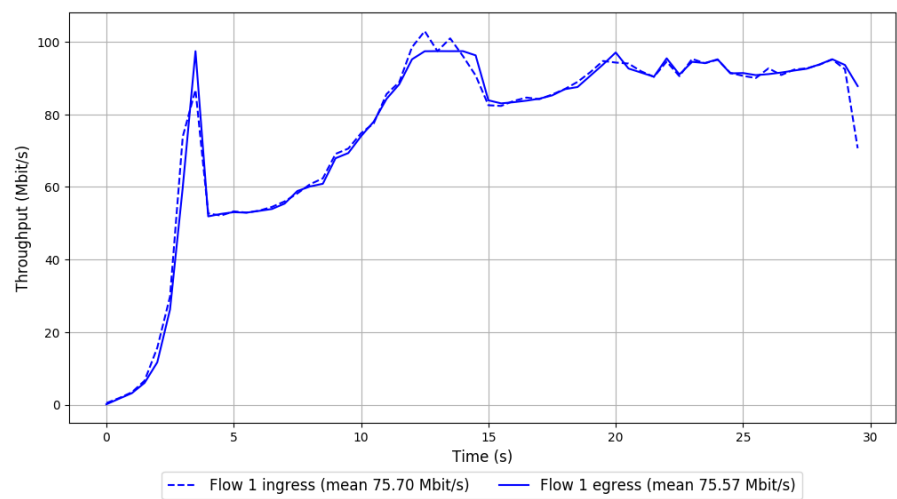
-- Flow 1:

Average throughput: 75.57 Mbit/s

95th percentile per-packet one-way delay: 127.616 ms

Loss rate: 0.18%

Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-02-04 10:28:00

End at: 2018-02-04 10:28:30

Local clock offset: -0.124 ms

Remote clock offset: 3.679 ms

Below is generated by plot.py at 2018-02-04 12:11:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.09 Mbit/s

95th percentile per-packet one-way delay: 121.656 ms

Loss rate: 0.08%

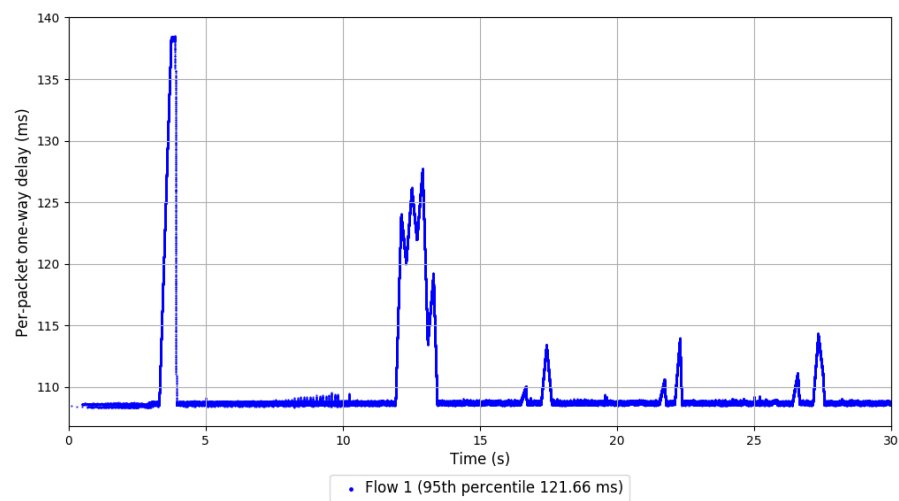
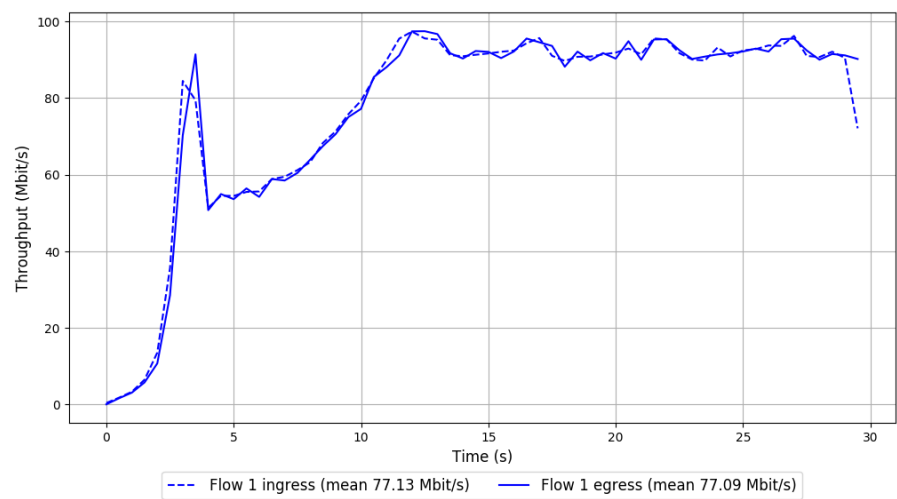
-- Flow 1:

Average throughput: 77.09 Mbit/s

95th percentile per-packet one-way delay: 121.656 ms

Loss rate: 0.08%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-02-04 10:50:14

End at: 2018-02-04 10:50:44

Local clock offset: -0.106 ms

Remote clock offset: 2.463 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.24 Mbit/s

95th percentile per-packet one-way delay: 125.804 ms

Loss rate: 0.16%

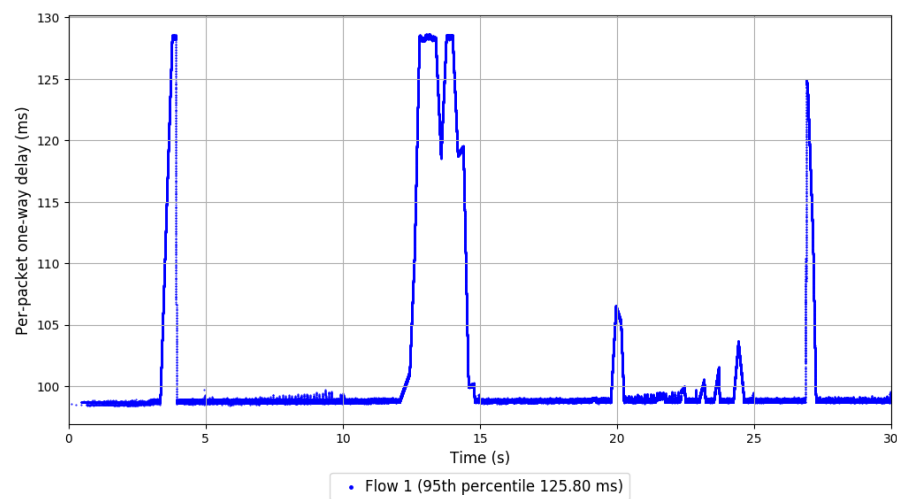
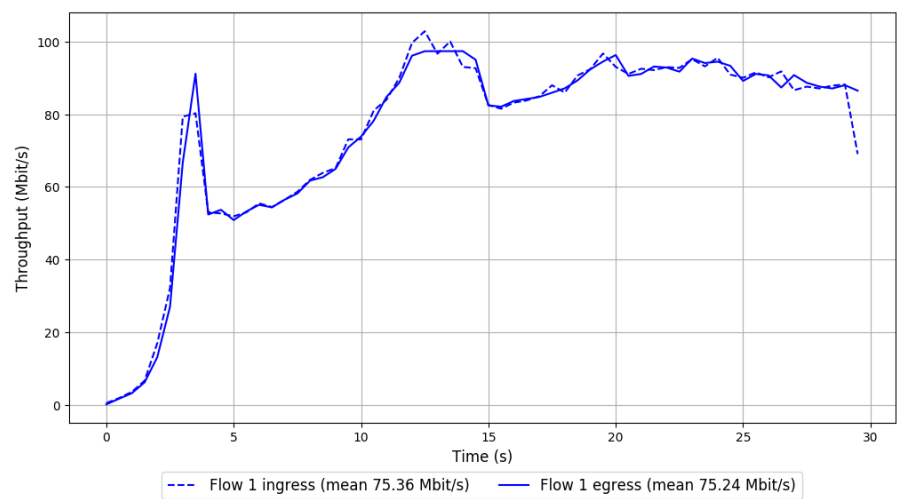
-- Flow 1:

Average throughput: 75.24 Mbit/s

95th percentile per-packet one-way delay: 125.804 ms

Loss rate: 0.16%

Run 9: Report of Vivace-latency — Data Link

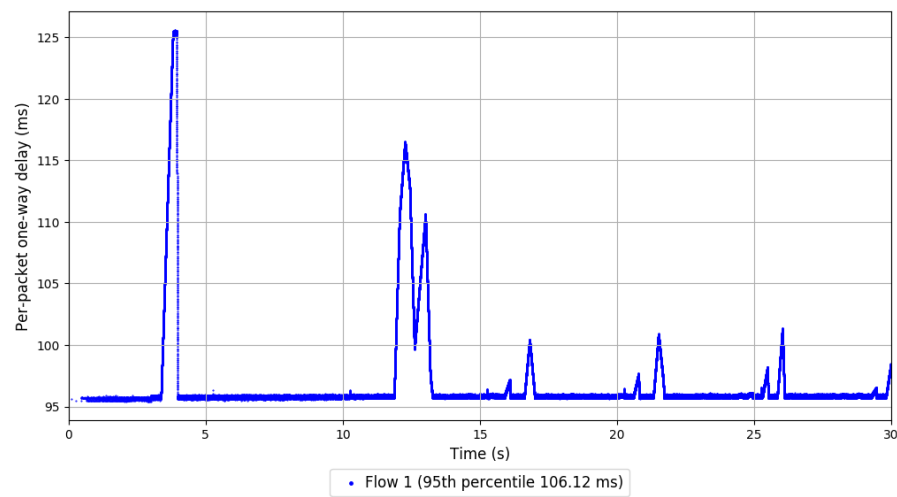
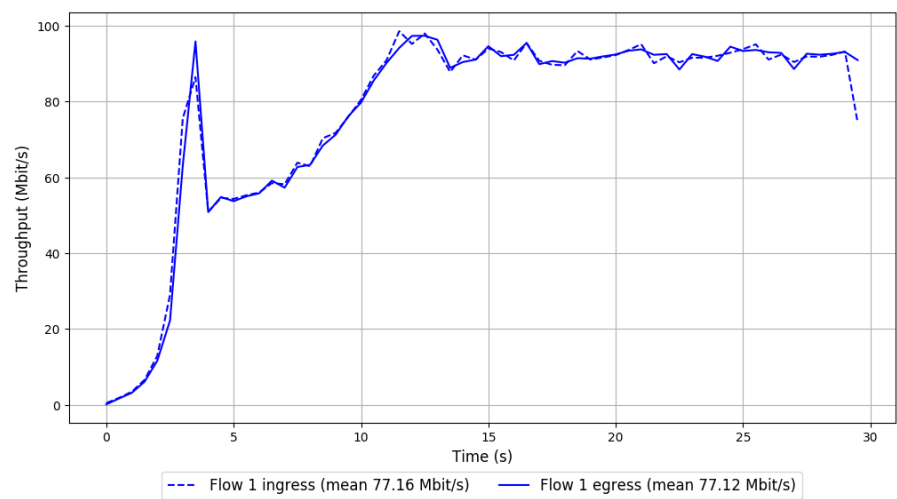


Run 10: Statistics of Vivace-latency

Start at: 2018-02-04 11:12:21
End at: 2018-02-04 11:12:51
Local clock offset: -0.207 ms
Remote clock offset: -3.502 ms

Below is generated by plot.py at 2018-02-04 12:12:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.12 Mbit/s
95th percentile per-packet one-way delay: 106.116 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 77.12 Mbit/s
95th percentile per-packet one-way delay: 106.116 ms
Loss rate: 0.05%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-02-04 07:54:44

End at: 2018-02-04 07:55:14

Local clock offset: -0.199 ms

Remote clock offset: 3.779 ms

Below is generated by plot.py at 2018-02-04 12:12:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.34 Mbit/s

95th percentile per-packet one-way delay: 129.421 ms

Loss rate: 2.57%

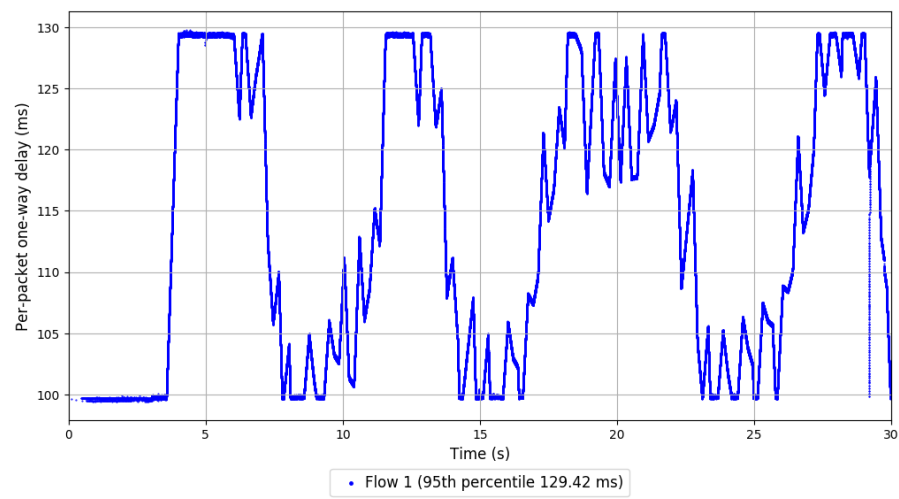
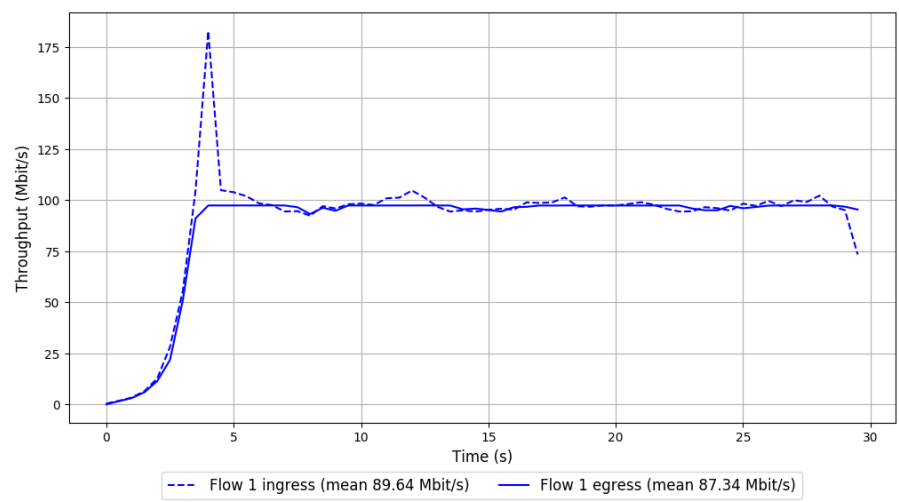
-- Flow 1:

Average throughput: 87.34 Mbit/s

95th percentile per-packet one-way delay: 129.421 ms

Loss rate: 2.57%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-04 08:16:53

End at: 2018-02-04 08:17:23

Local clock offset: -0.135 ms

Remote clock offset: -1.465 ms

Below is generated by plot.py at 2018-02-04 12:12:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.32 Mbit/s

95th percentile per-packet one-way delay: 130.984 ms

Loss rate: 2.39%

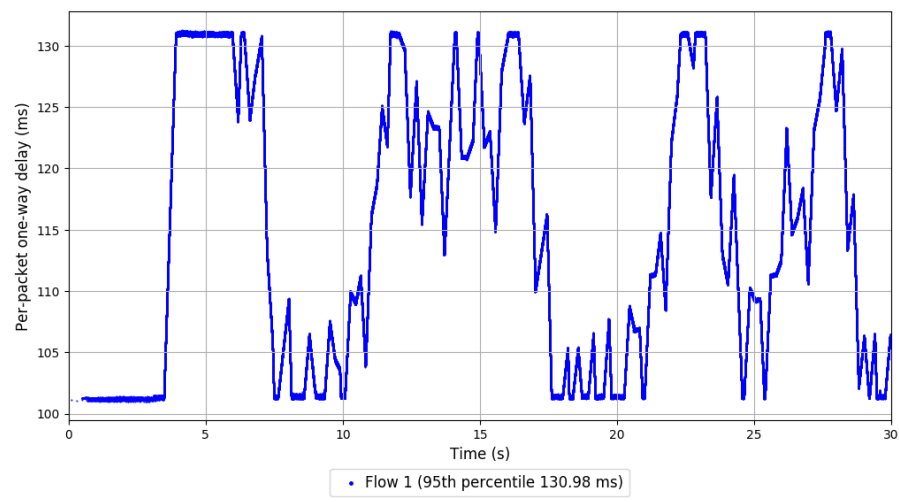
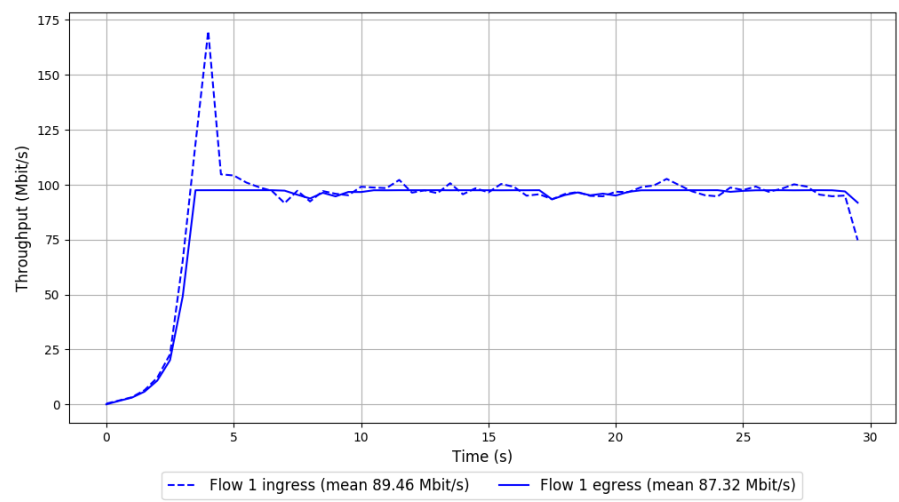
-- Flow 1:

Average throughput: 87.32 Mbit/s

95th percentile per-packet one-way delay: 130.984 ms

Loss rate: 2.39%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-04 08:39:06

End at: 2018-02-04 08:39:36

Local clock offset: -0.16 ms

Remote clock offset: -2.172 ms

Below is generated by plot.py at 2018-02-04 12:12:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.68 Mbit/s

95th percentile per-packet one-way delay: 133.018 ms

Loss rate: 2.64%

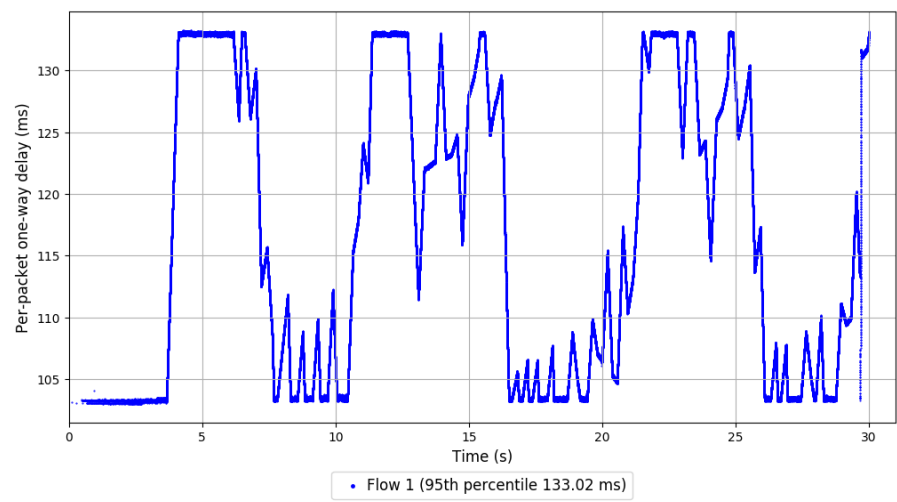
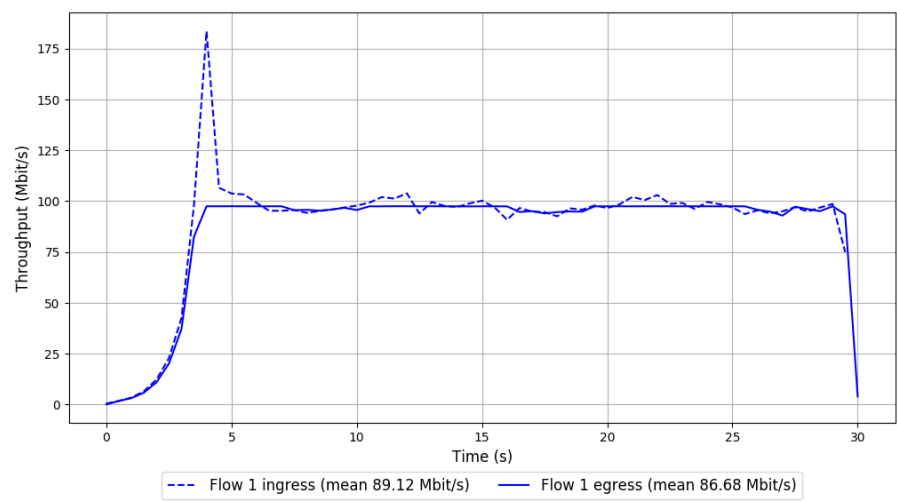
-- Flow 1:

Average throughput: 86.68 Mbit/s

95th percentile per-packet one-way delay: 133.018 ms

Loss rate: 2.64%

Run 3: Report of Vivace-loss — Data Link

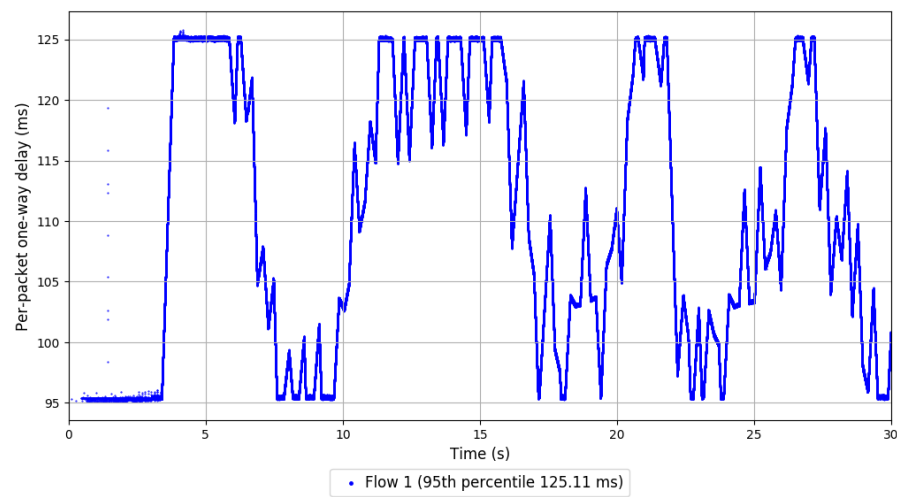
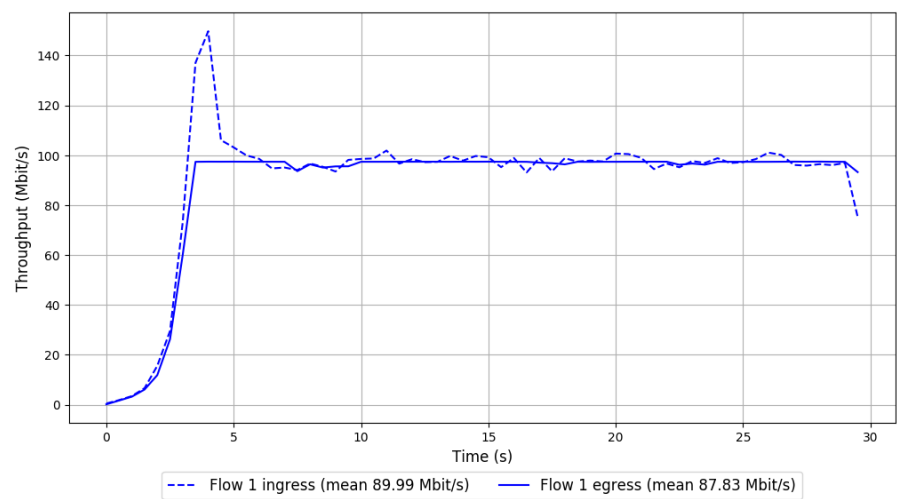


Run 4: Statistics of Vivace-loss

Start at: 2018-02-04 09:02:07
End at: 2018-02-04 09:02:37
Local clock offset: -0.125 ms
Remote clock offset: -3.345 ms

Below is generated by plot.py at 2018-02-04 12:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 125.110 ms
Loss rate: 2.38%
-- Flow 1:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 125.110 ms
Loss rate: 2.38%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-04 09:24:34

End at: 2018-02-04 09:25:04

Local clock offset: -0.141 ms

Remote clock offset: -3.452 ms

Below is generated by plot.py at 2018-02-04 12:12:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.77 Mbit/s

95th percentile per-packet one-way delay: 125.044 ms

Loss rate: 2.55%

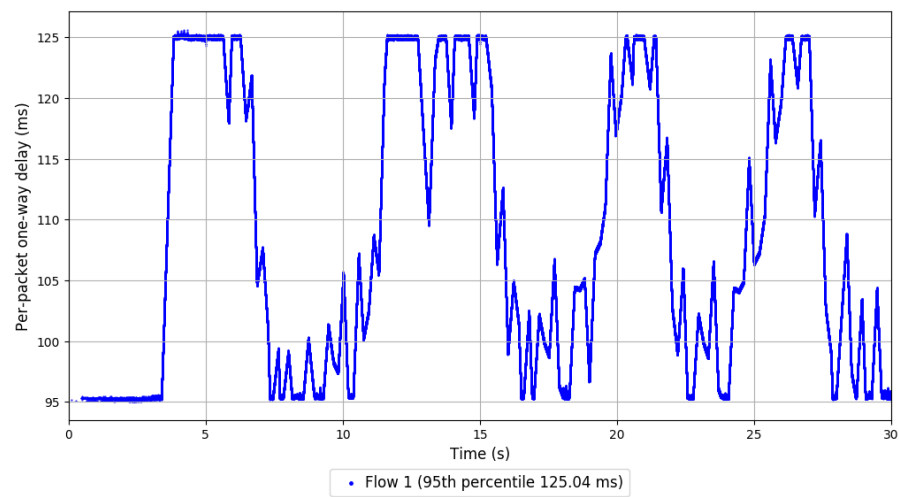
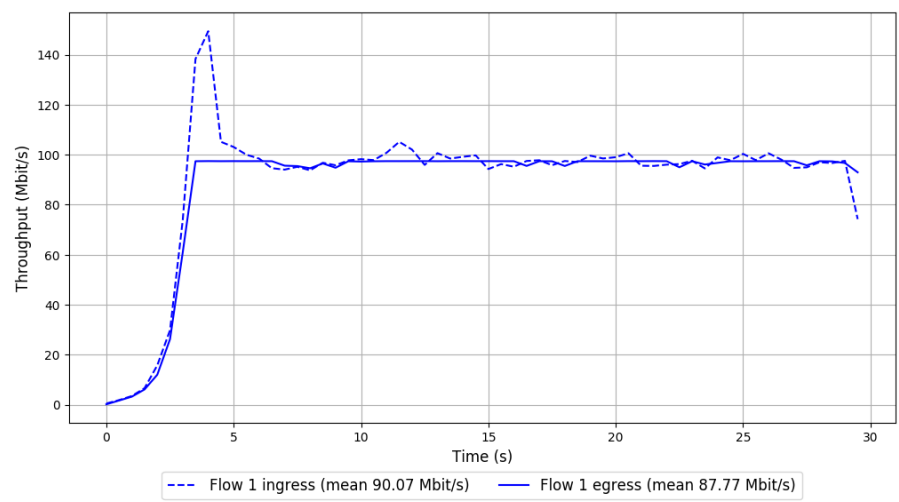
-- Flow 1:

Average throughput: 87.77 Mbit/s

95th percentile per-packet one-way delay: 125.044 ms

Loss rate: 2.55%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-02-04 09:47:18

End at: 2018-02-04 09:47:48

Local clock offset: -0.142 ms

Remote clock offset: 1.615 ms

Below is generated by plot.py at 2018-02-04 12:13:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.76 Mbit/s

95th percentile per-packet one-way delay: 127.872 ms

Loss rate: 2.53%

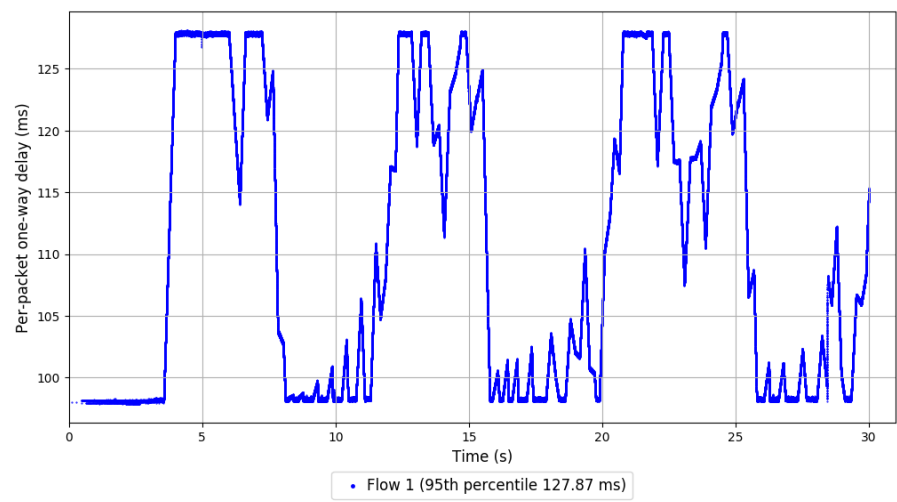
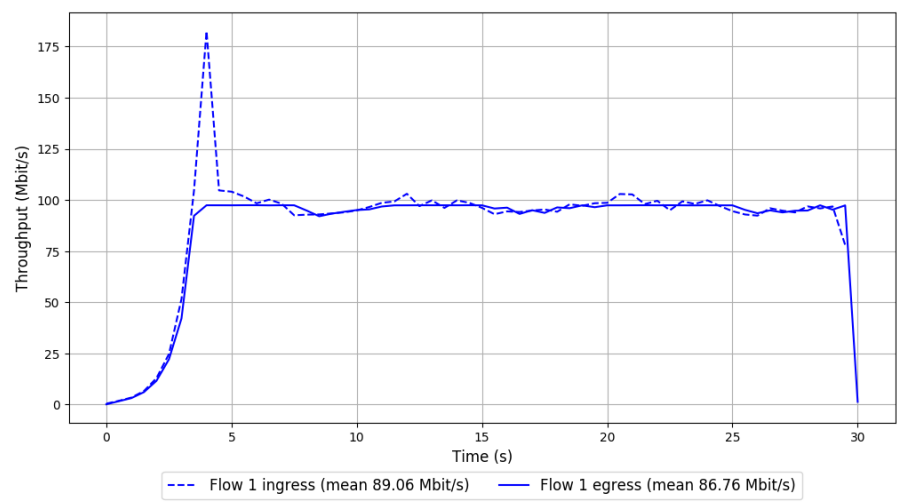
-- Flow 1:

Average throughput: 86.76 Mbit/s

95th percentile per-packet one-way delay: 127.872 ms

Loss rate: 2.53%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-04 10:09:36

End at: 2018-02-04 10:10:06

Local clock offset: -0.221 ms

Remote clock offset: -3.52 ms

Below is generated by plot.py at 2018-02-04 12:13:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.26 Mbit/s

95th percentile per-packet one-way delay: 126.747 ms

Loss rate: 2.38%

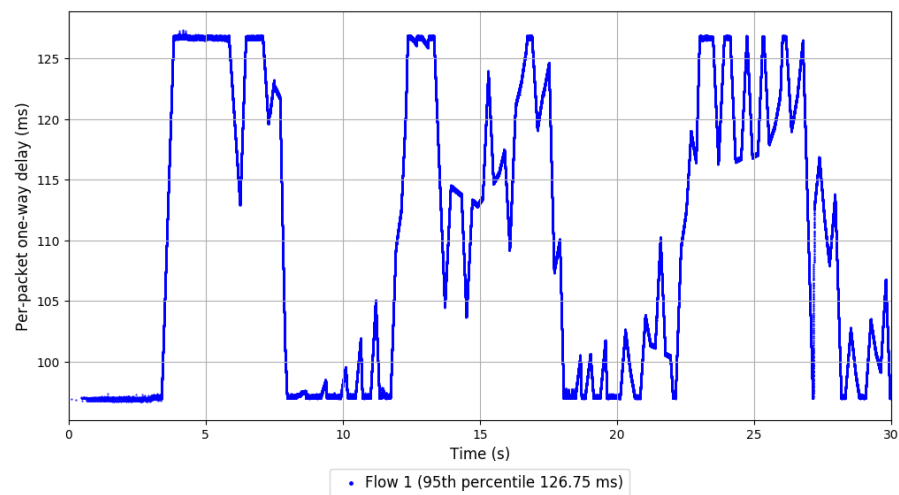
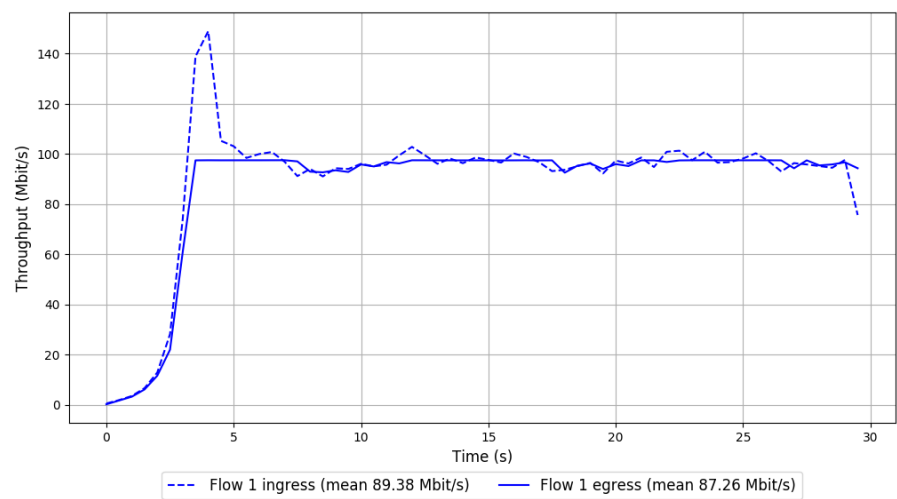
-- Flow 1:

Average throughput: 87.26 Mbit/s

95th percentile per-packet one-way delay: 126.747 ms

Loss rate: 2.38%

Run 7: Report of Vivace-loss — Data Link

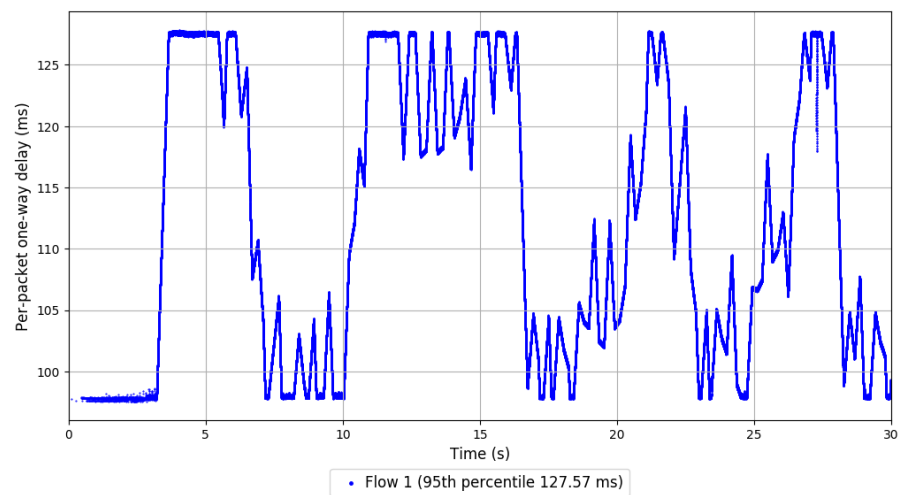
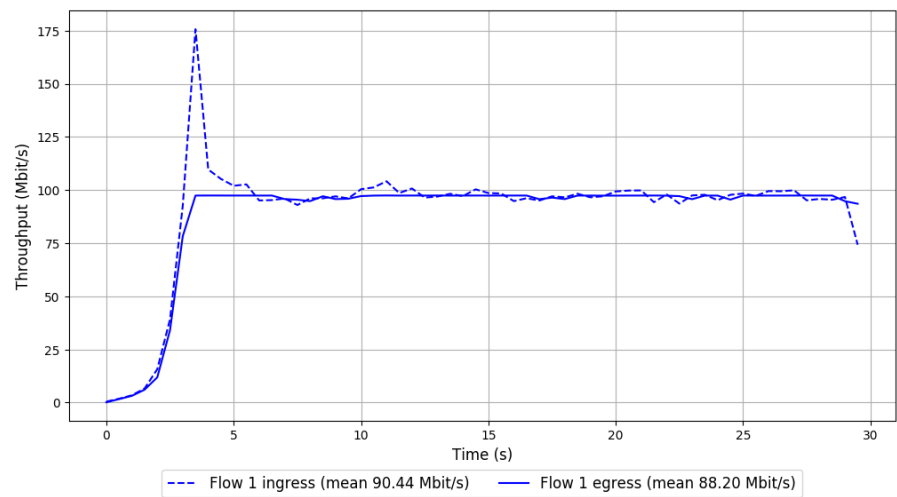


Run 8: Statistics of Vivace-loss

Start at: 2018-02-04 10:31:44
End at: 2018-02-04 10:32:14
Local clock offset: -0.122 ms
Remote clock offset: -1.807 ms

Below is generated by plot.py at 2018-02-04 12:13:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.20 Mbit/s
95th percentile per-packet one-way delay: 127.570 ms
Loss rate: 2.48%
-- Flow 1:
Average throughput: 88.20 Mbit/s
95th percentile per-packet one-way delay: 127.570 ms
Loss rate: 2.48%

Run 8: Report of Vivace-loss — Data Link

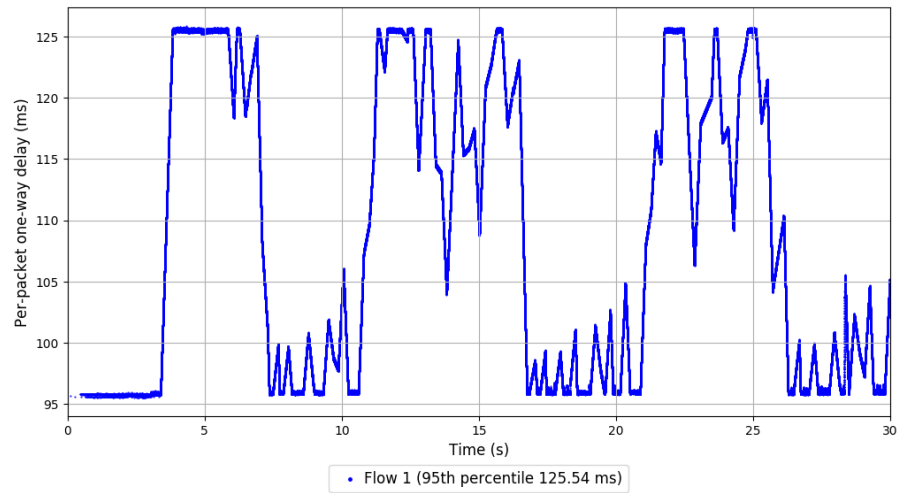
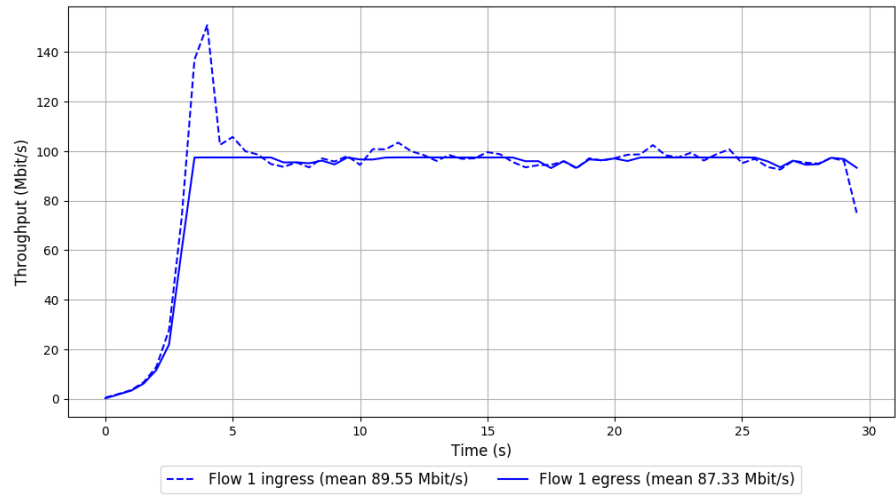


Run 9: Statistics of Vivace-loss

Start at: 2018-02-04 10:53:57
End at: 2018-02-04 10:54:27
Local clock offset: -0.13 ms
Remote clock offset: -1.809 ms

Below is generated by plot.py at 2018-02-04 12:13:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.33 Mbit/s
95th percentile per-packet one-way delay: 125.539 ms
Loss rate: 2.45%
-- Flow 1:
Average throughput: 87.33 Mbit/s
95th percentile per-packet one-way delay: 125.539 ms
Loss rate: 2.45%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-02-04 11:16:04

End at: 2018-02-04 11:16:34

Local clock offset: -0.106 ms

Remote clock offset: 1.192 ms

Below is generated by plot.py at 2018-02-04 12:13:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.48 Mbit/s

95th percentile per-packet one-way delay: 128.410 ms

Loss rate: 2.31%

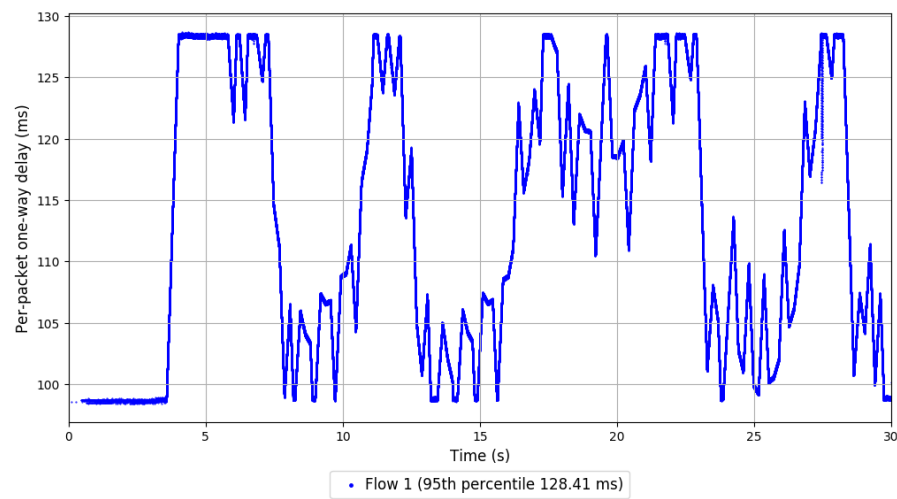
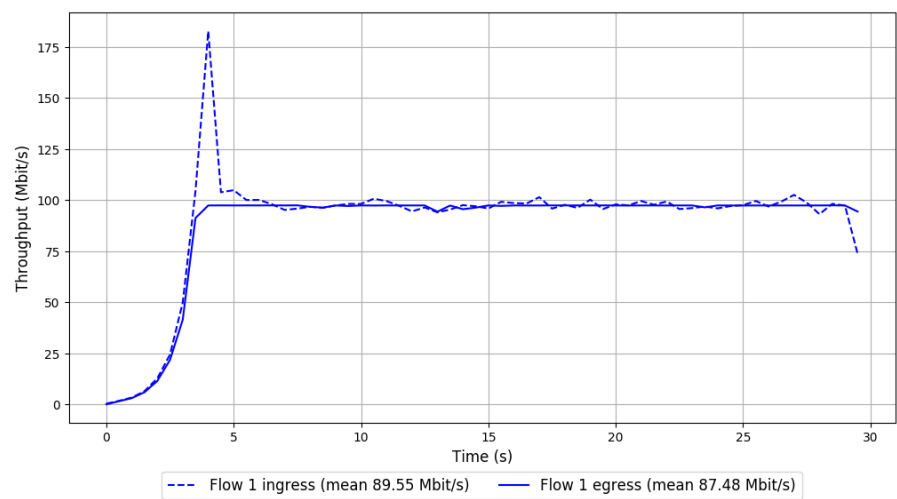
-- Flow 1:

Average throughput: 87.48 Mbit/s

95th percentile per-packet one-way delay: 128.410 ms

Loss rate: 2.31%

Run 10: Report of Vivace-loss — Data Link

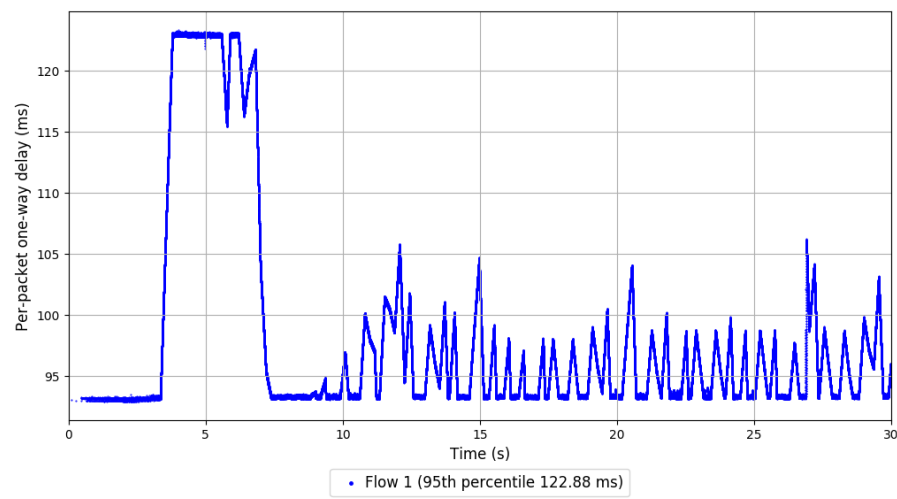
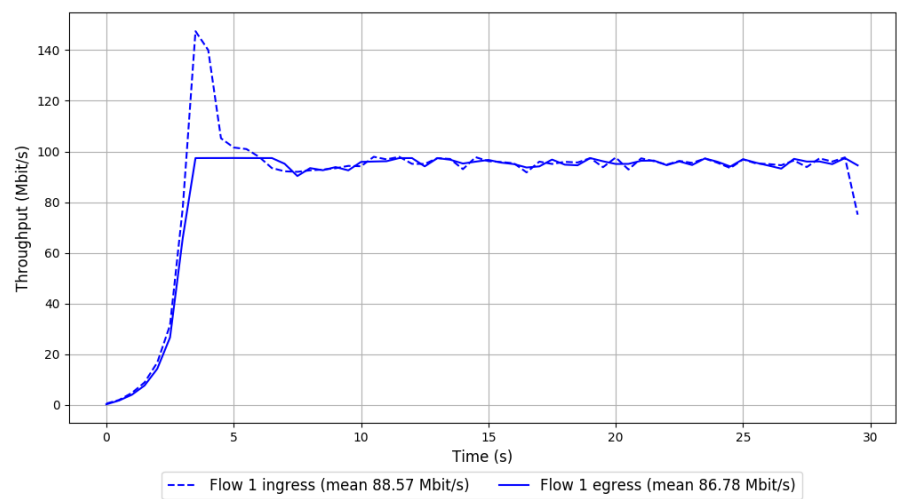


Run 1: Statistics of Vivace-LTE

Start at: 2018-02-04 08:04:30
End at: 2018-02-04 08:05:00
Local clock offset: -0.128 ms
Remote clock offset: -1.319 ms

Below is generated by plot.py at 2018-02-04 12:13:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.78 Mbit/s
95th percentile per-packet one-way delay: 122.875 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 86.78 Mbit/s
95th percentile per-packet one-way delay: 122.875 ms
Loss rate: 2.02%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-02-04 08:26:44

End at: 2018-02-04 08:27:14

Local clock offset: -0.139 ms

Remote clock offset: 3.088 ms

Below is generated by plot.py at 2018-02-04 12:14:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.14 Mbit/s

95th percentile per-packet one-way delay: 130.599 ms

Loss rate: 2.05%

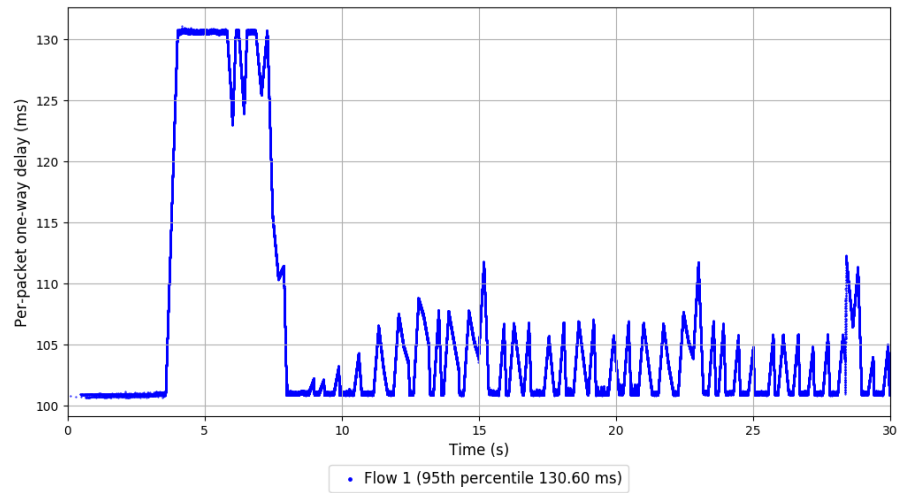
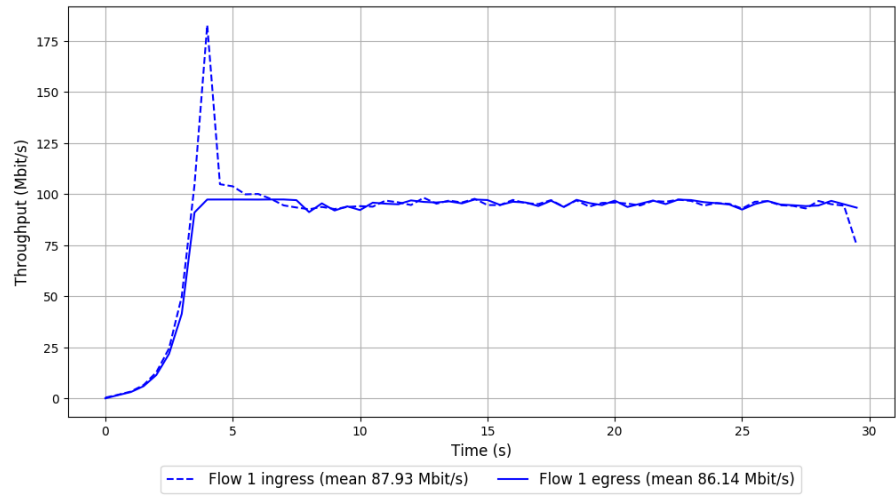
-- Flow 1:

Average throughput: 86.14 Mbit/s

95th percentile per-packet one-way delay: 130.599 ms

Loss rate: 2.05%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-02-04 08:49:11

End at: 2018-02-04 08:49:41

Local clock offset: -0.171 ms

Remote clock offset: 2.511 ms

Below is generated by plot.py at 2018-02-04 12:14:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.25 Mbit/s

95th percentile per-packet one-way delay: 129.093 ms

Loss rate: 2.02%

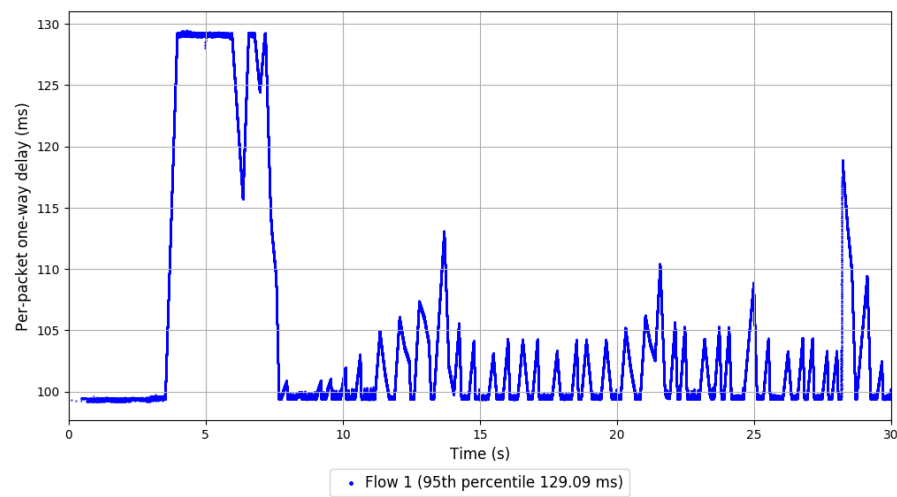
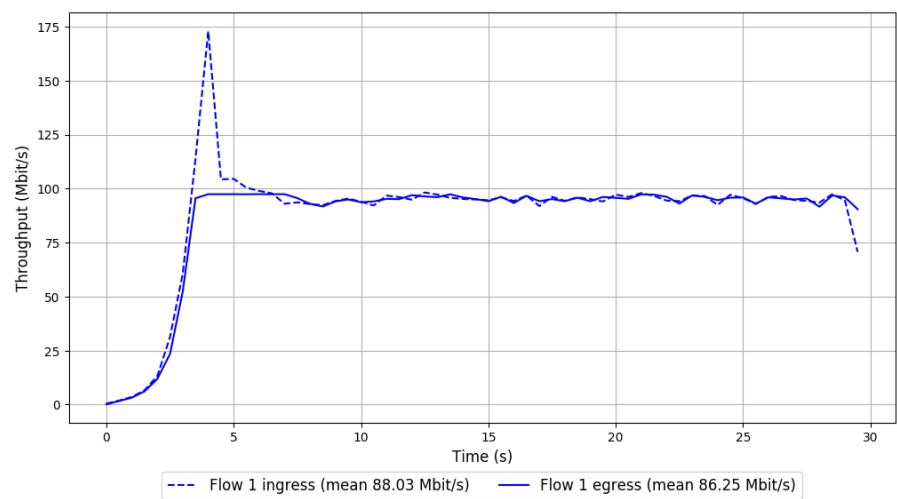
-- Flow 1:

Average throughput: 86.25 Mbit/s

95th percentile per-packet one-way delay: 129.093 ms

Loss rate: 2.02%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-02-04 09:12:08

End at: 2018-02-04 09:12:38

Local clock offset: -0.146 ms

Remote clock offset: 1.864 ms

Below is generated by plot.py at 2018-02-04 12:14:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.68 Mbit/s

95th percentile per-packet one-way delay: 136.033 ms

Loss rate: 2.13%

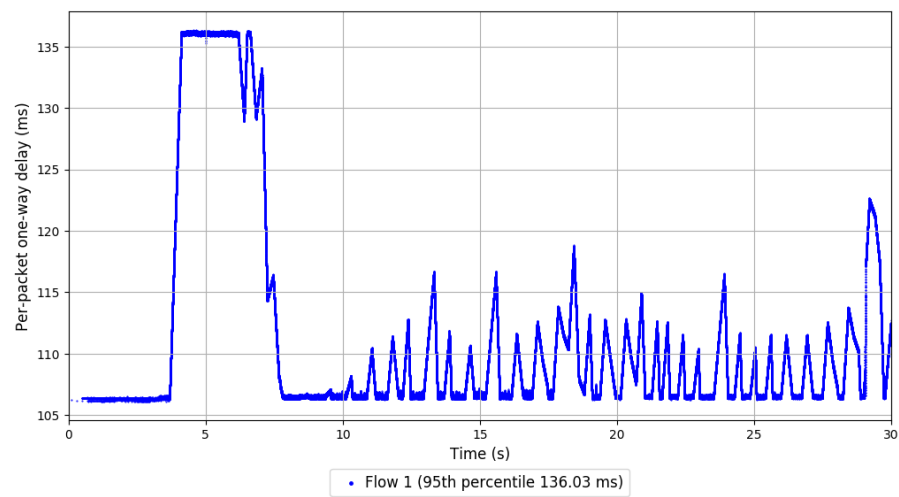
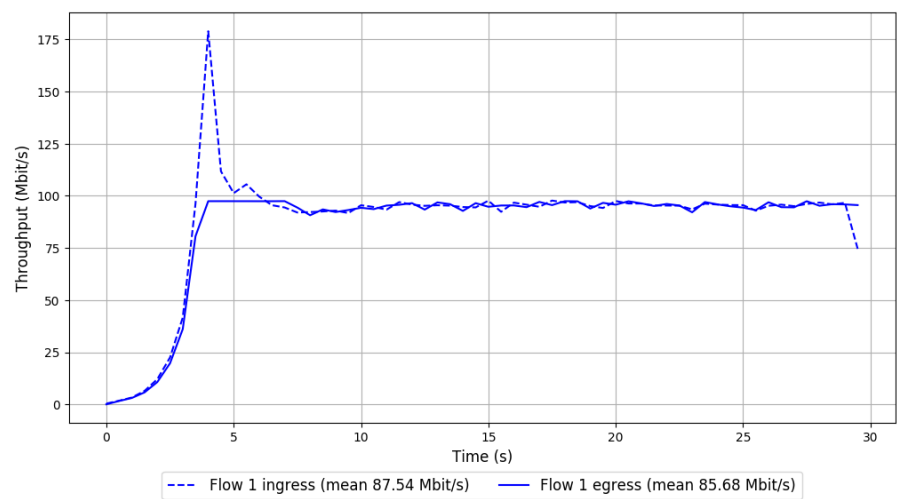
-- Flow 1:

Average throughput: 85.68 Mbit/s

95th percentile per-packet one-way delay: 136.033 ms

Loss rate: 2.13%

Run 4: Report of Vivace-LTE — Data Link

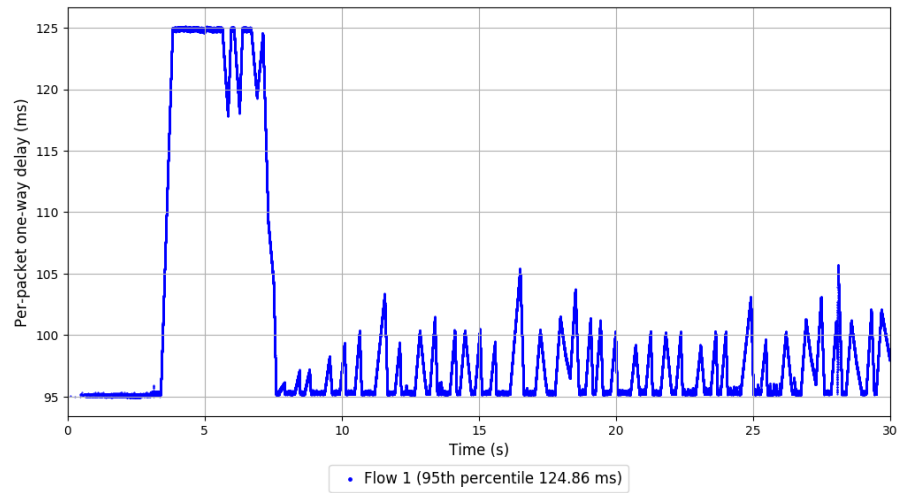
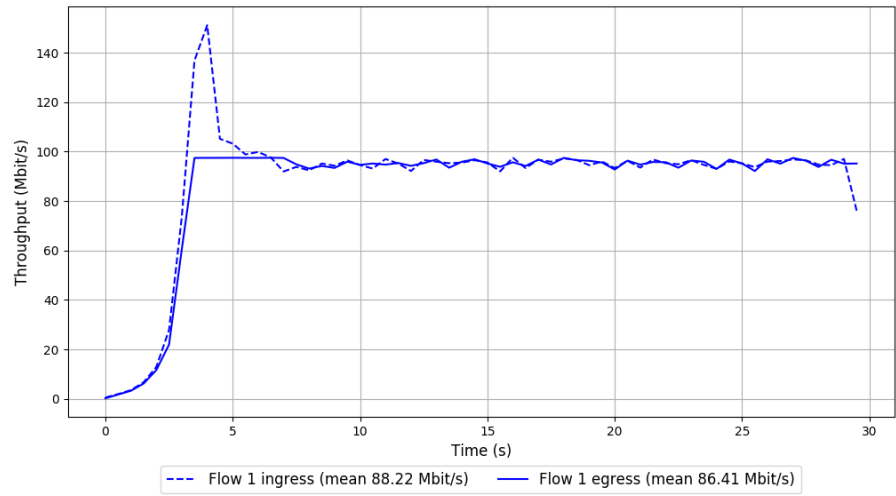


Run 5: Statistics of Vivace-LTE

Start at: 2018-02-04 09:34:30
End at: 2018-02-04 09:35:01
Local clock offset: -0.145 ms
Remote clock offset: -3.259 ms

Below is generated by plot.py at 2018-02-04 12:14:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 124.860 ms
Loss rate: 2.05%
-- Flow 1:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 124.860 ms
Loss rate: 2.05%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-02-04 09:57:08

End at: 2018-02-04 09:57:38

Local clock offset: -0.148 ms

Remote clock offset: 2.404 ms

Below is generated by plot.py at 2018-02-04 12:14:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.83 Mbit/s

95th percentile per-packet one-way delay: 129.579 ms

Loss rate: 2.02%

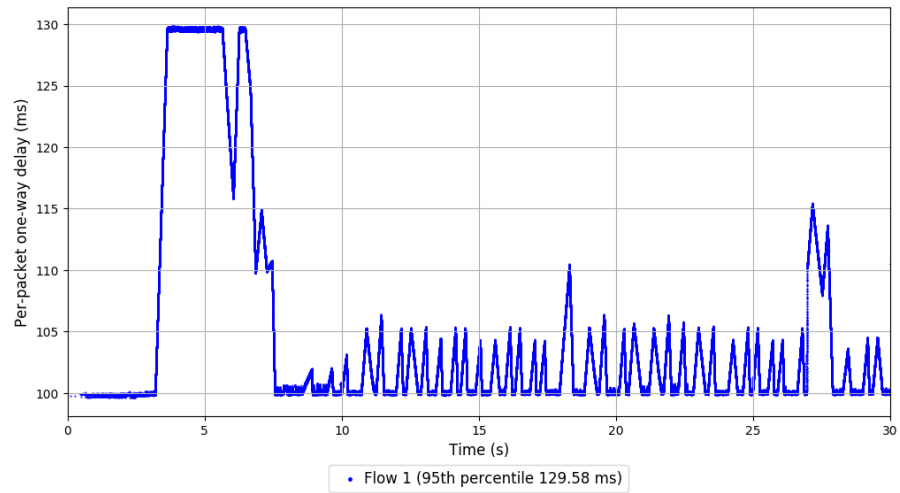
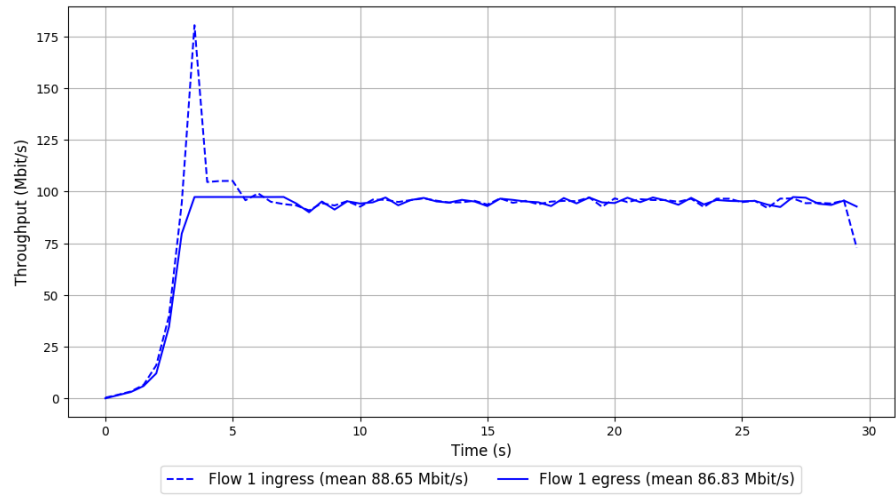
-- Flow 1:

Average throughput: 86.83 Mbit/s

95th percentile per-packet one-way delay: 129.579 ms

Loss rate: 2.02%

Run 6: Report of Vivace-LTE — Data Link

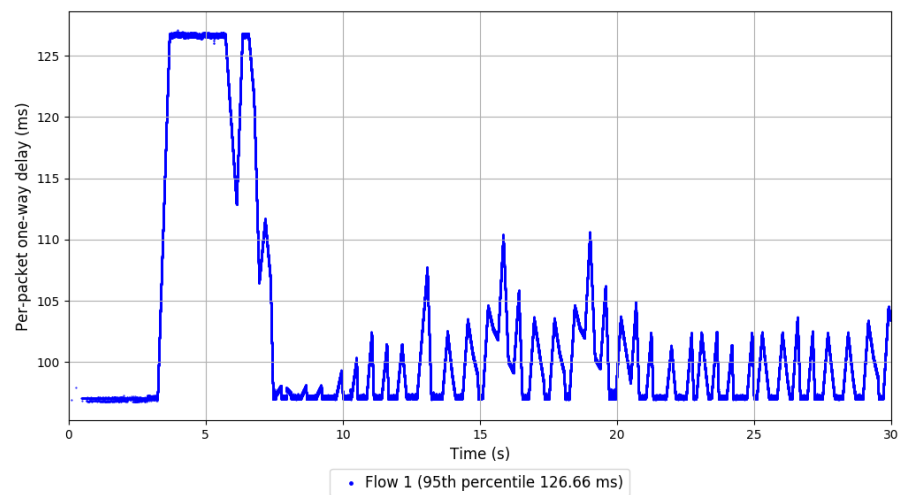
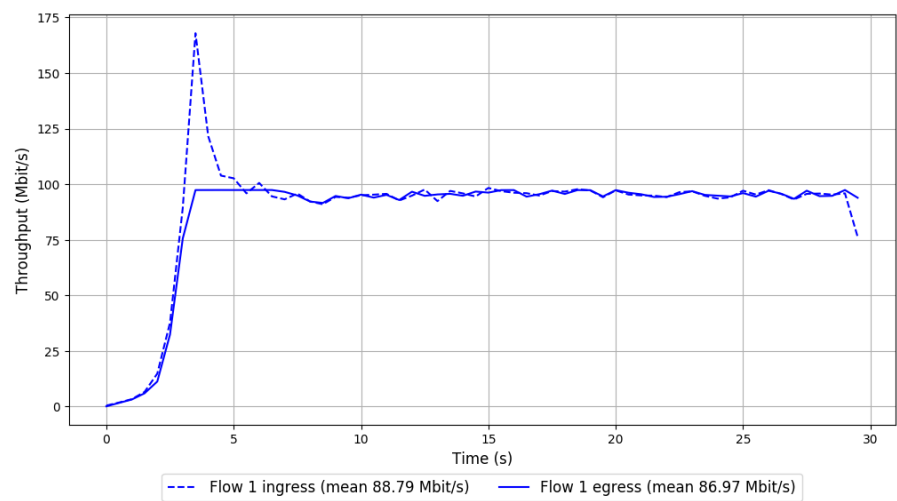


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-04 10:19:23
End at: 2018-02-04 10:19:53
Local clock offset: -0.151 ms
Remote clock offset: -3.168 ms

Below is generated by plot.py at 2018-02-04 12:14:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.97 Mbit/s
95th percentile per-packet one-way delay: 126.661 ms
Loss rate: 2.04%
-- Flow 1:
Average throughput: 86.97 Mbit/s
95th percentile per-packet one-way delay: 126.661 ms
Loss rate: 2.04%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-02-04 10:41:33

End at: 2018-02-04 10:42:03

Local clock offset: -0.128 ms

Remote clock offset: 4.01 ms

Below is generated by plot.py at 2018-02-04 12:14:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.30 Mbit/s

95th percentile per-packet one-way delay: 138.358 ms

Loss rate: 2.10%

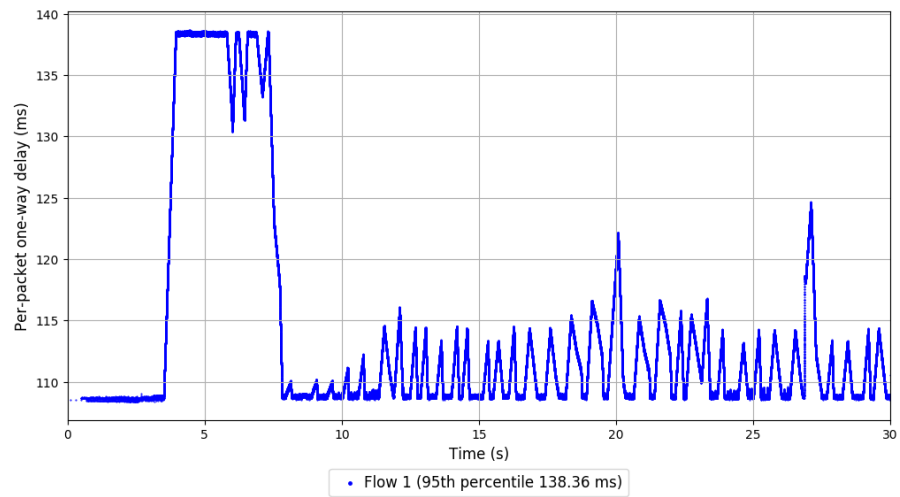
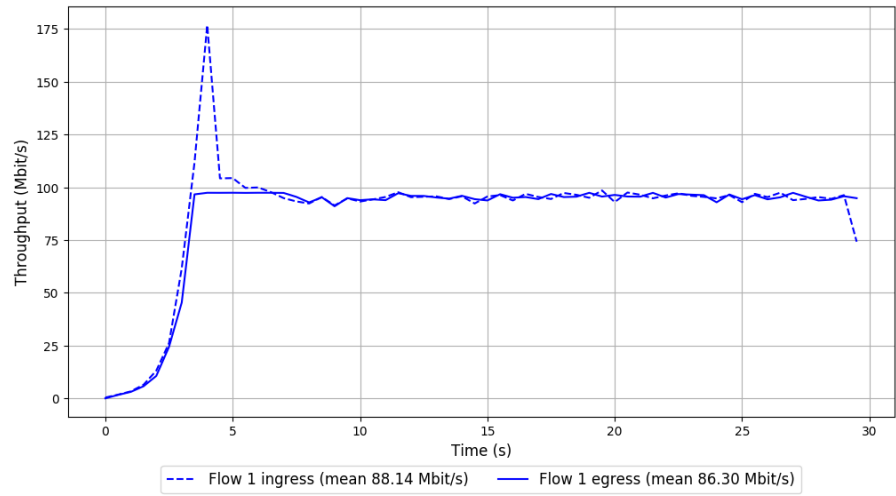
-- Flow 1:

Average throughput: 86.30 Mbit/s

95th percentile per-packet one-way delay: 138.358 ms

Loss rate: 2.10%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-02-04 11:03:44

End at: 2018-02-04 11:04:14

Local clock offset: -0.191 ms

Remote clock offset: 2.658 ms

Below is generated by plot.py at 2018-02-04 12:14:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.64 Mbit/s

95th percentile per-packet one-way delay: 132.221 ms

Loss rate: 2.06%

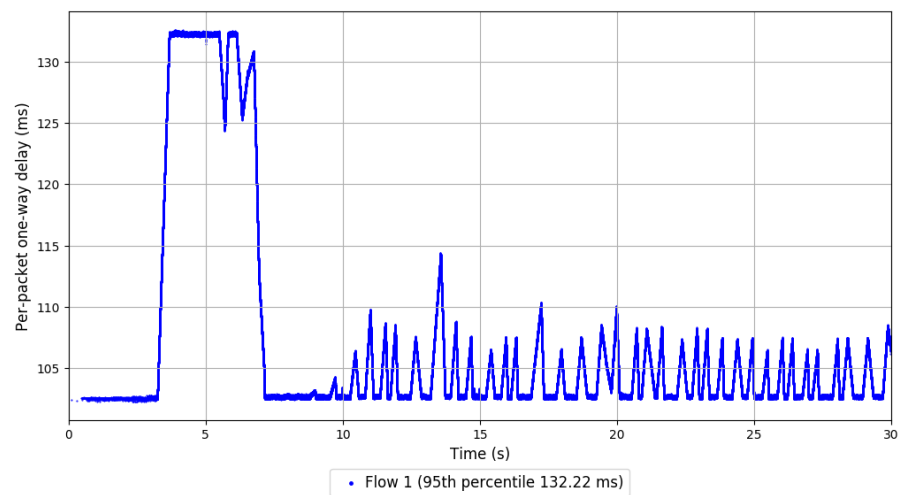
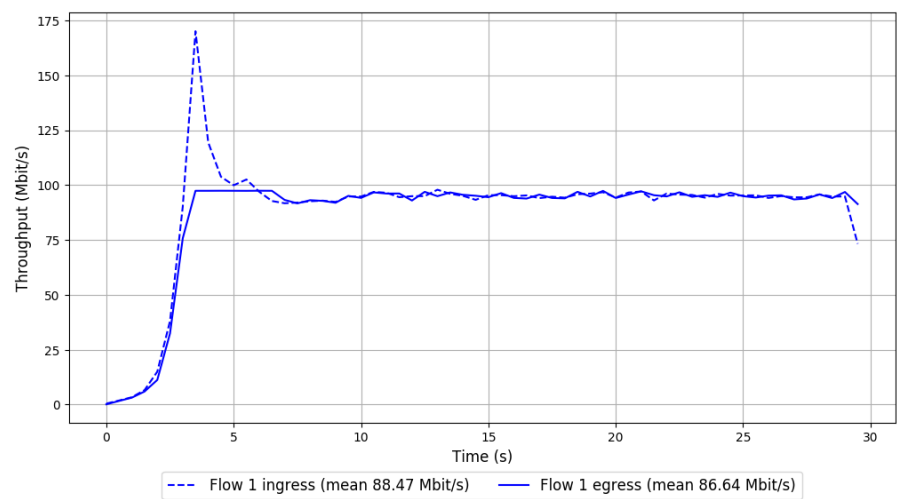
-- Flow 1:

Average throughput: 86.64 Mbit/s

95th percentile per-packet one-way delay: 132.221 ms

Loss rate: 2.06%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-04 11:25:51
End at: 2018-02-04 11:26:21
Local clock offset: -0.088 ms
Remote clock offset: -3.934 ms

Below is generated by plot.py at 2018-02-04 12:15:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 130.352 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 130.352 ms
Loss rate: 2.09%

Run 10: Report of Vivace-LTE — Data Link

