

Pantheon Report

Generated at 2018-04-03 13:52:23 (UTC).

Data path: AWS California 2 Ethernet (*local*) → Mexico 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).

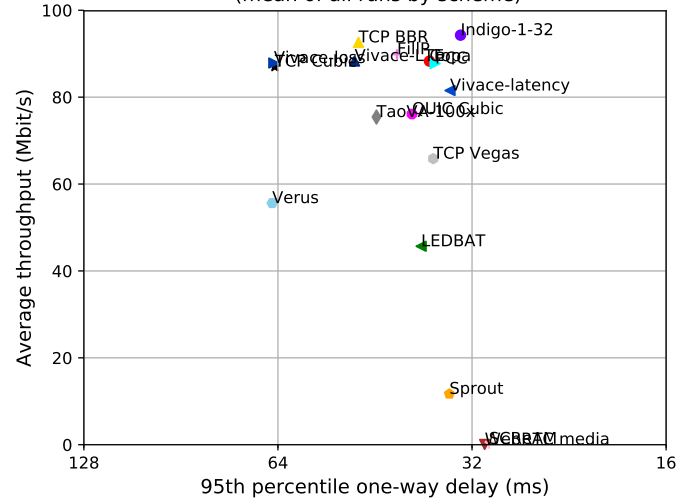
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

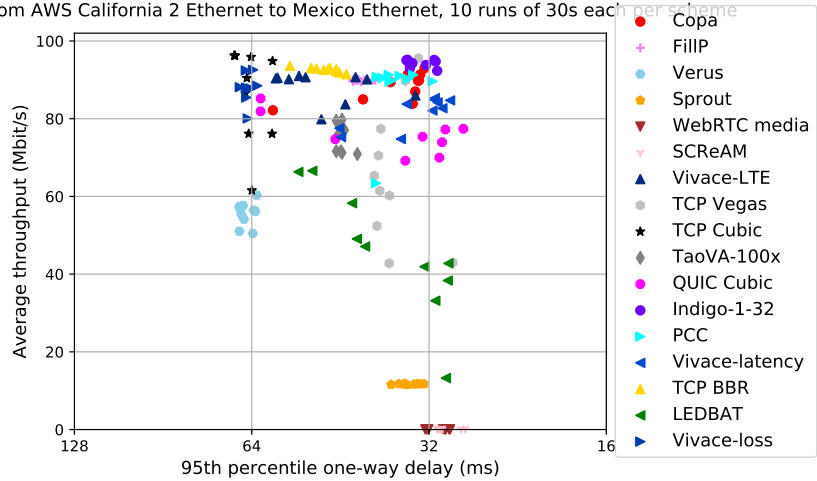
Git summary:

```
branch: master @ eb420b5be9bafccd22cf68b99ff5a2000462fc59
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 11f8c46a2bf1dc797253db7e8ca04076272b2a44
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
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-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
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 @ f271183af822eee5d0031620f4bebf38aedc5581
```

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



test from AWS California 2 Ethernet to Mexico 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	92.61	48.00	0.91
TCP Cubic	10	87.03	64.71	0.36
LEDBAT	10	45.68	38.38	0.10
PCC	10	87.74	36.51	0.72
QUIC Cubic	9	76.12	39.65	0.28
SCReAM	10	0.20	30.14	0.02
WebRTC media	10	0.06	30.59	0.00
Sprout	10	11.70	34.70	0.05
TaoVA-100x	10	75.42	45.02	0.05
TCP Vegas	10	65.84	36.76	0.34
Verus	10	55.61	65.34	27.82
Copa	10	88.29	37.26	7.97
FillP	10	89.89	41.83	1.40
Indigo-1-32	10	94.26	33.34	0.09
Vivace-latency	10	81.52	34.62	0.05
Vivace-loss	10	87.86	64.94	5.37
Vivace-LTE	10	88.32	48.68	0.81

Run 1: Statistics of TCP BBR

Start at: 2018-04-03 09:10:12

End at: 2018-04-03 09:10:42

Local clock offset: -0.318 ms

Remote clock offset: -0.47 ms

Below is generated by plot.py at 2018-04-03 13:29:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.06 Mbit/s

95th percentile per-packet one-way delay: 47.159 ms

Loss rate: 0.64%

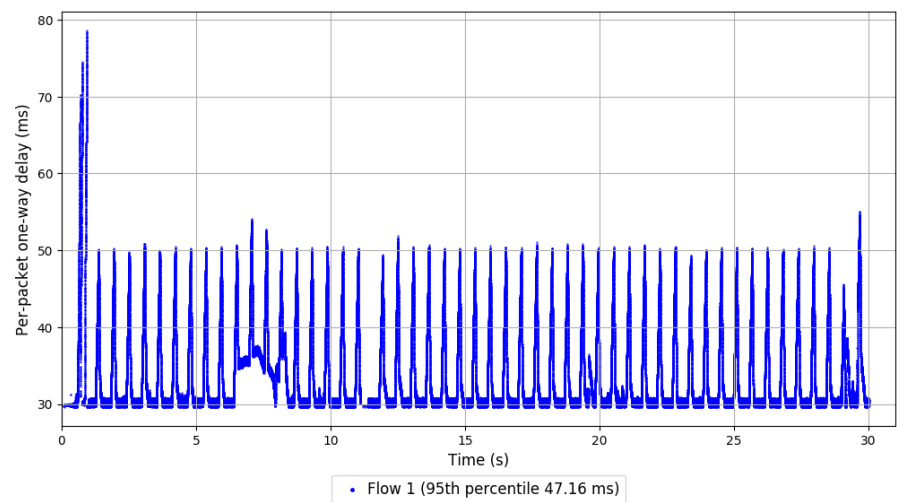
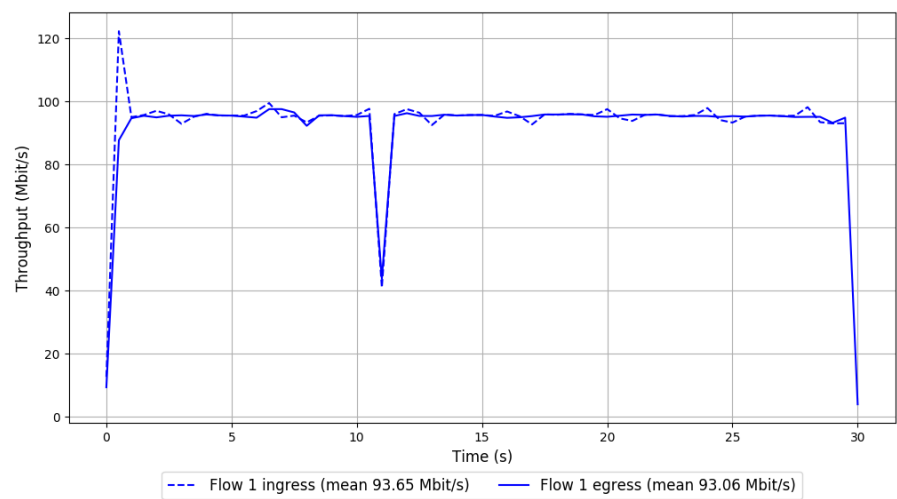
-- Flow 1:

Average throughput: 93.06 Mbit/s

95th percentile per-packet one-way delay: 47.159 ms

Loss rate: 0.64%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-04-03 09:35:18

End at: 2018-04-03 09:35:48

Local clock offset: -0.028 ms

Remote clock offset: -3.57 ms

Below is generated by plot.py at 2018-04-03 13:29:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.46 Mbit/s

95th percentile per-packet one-way delay: 44.207 ms

Loss rate: 1.27%

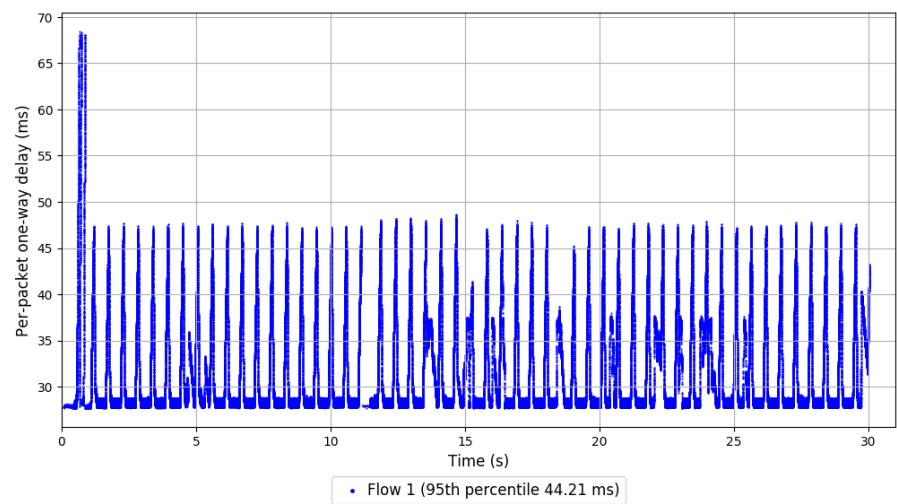
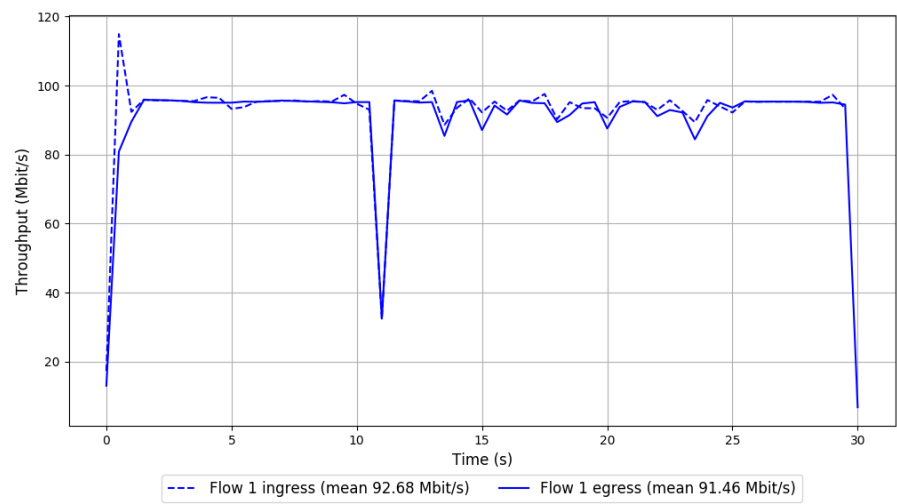
-- Flow 1:

Average throughput: 91.46 Mbit/s

95th percentile per-packet one-way delay: 44.207 ms

Loss rate: 1.27%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-04-03 09:59:52

End at: 2018-04-03 10:00:22

Local clock offset: 0.169 ms

Remote clock offset: -1.598 ms

Below is generated by plot.py at 2018-04-03 13:29:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.66 Mbit/s

95th percentile per-packet one-way delay: 47.454 ms

Loss rate: 0.78%

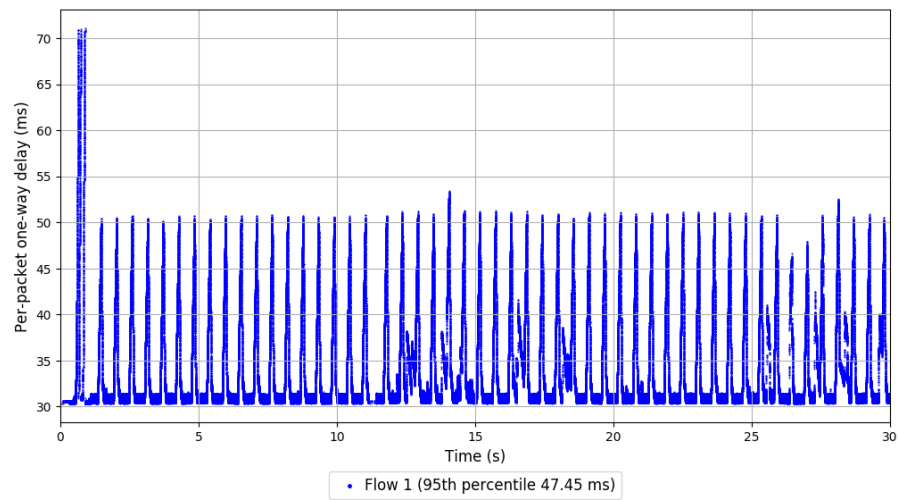
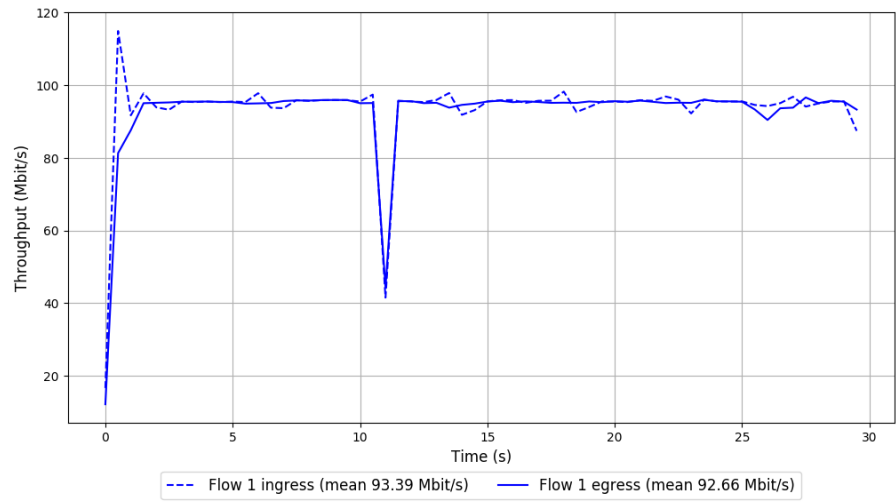
-- Flow 1:

Average throughput: 92.66 Mbit/s

95th percentile per-packet one-way delay: 47.454 ms

Loss rate: 0.78%

Run 3: Report of TCP BBR — Data Link

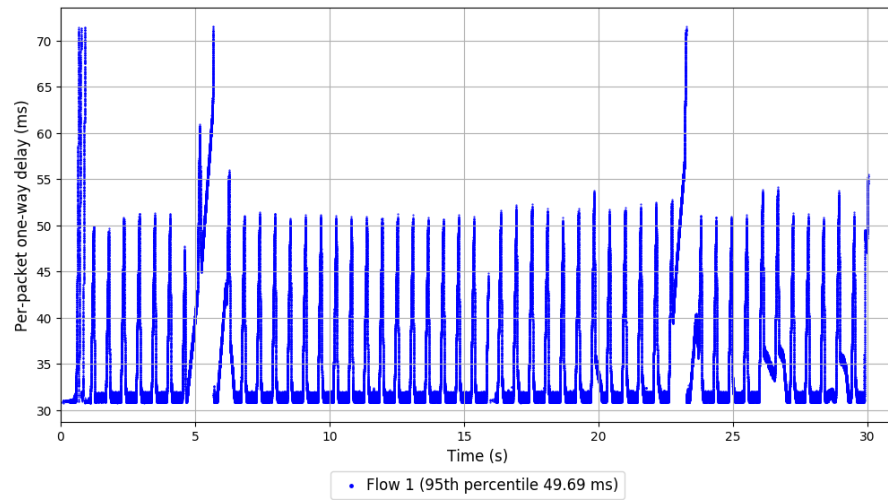
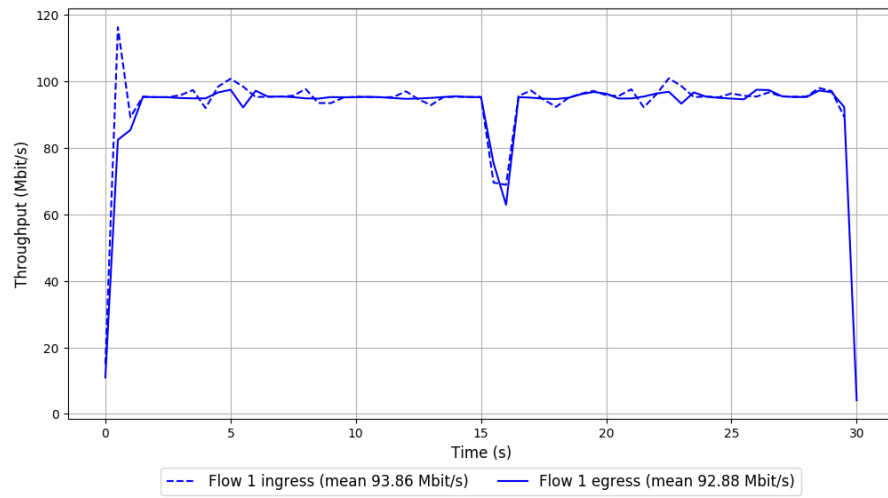


Run 4: Statistics of TCP BBR

Start at: 2018-04-03 10:24:30
End at: 2018-04-03 10:25:00
Local clock offset: 0.286 ms
Remote clock offset: -1.339 ms

Below is generated by plot.py at 2018-04-03 13:29:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.88 Mbit/s
95th percentile per-packet one-way delay: 49.690 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 92.88 Mbit/s
95th percentile per-packet one-way delay: 49.690 ms
Loss rate: 0.96%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-04-03 10:49:52

End at: 2018-04-03 10:50:22

Local clock offset: 0.463 ms

Remote clock offset: -1.579 ms

Below is generated by plot.py at 2018-04-03 13:29:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.03 Mbit/s

95th percentile per-packet one-way delay: 50.707 ms

Loss rate: 1.09%

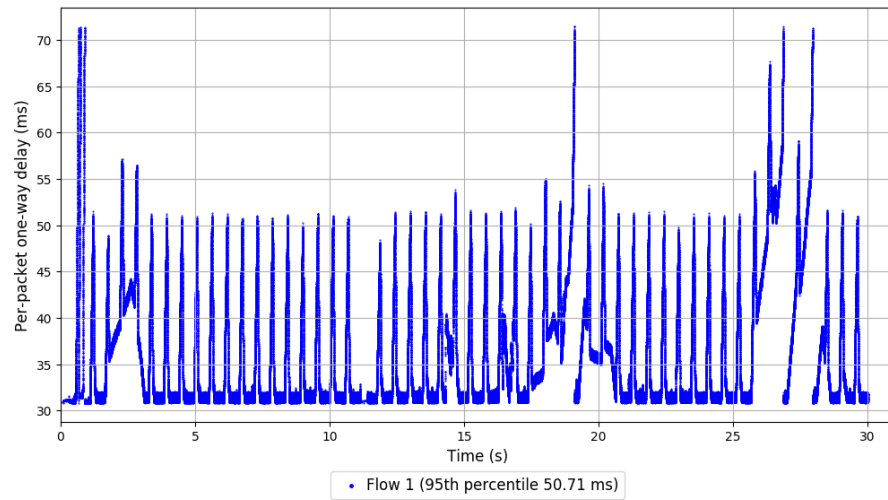
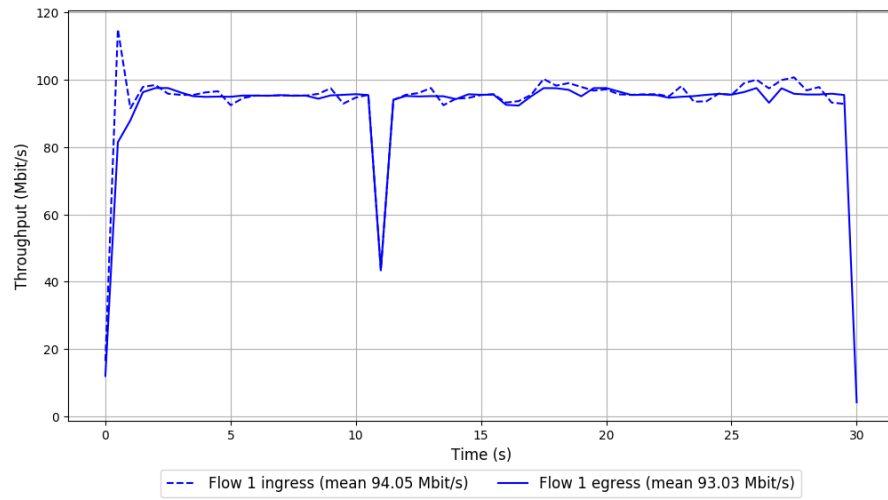
-- Flow 1:

Average throughput: 93.03 Mbit/s

95th percentile per-packet one-way delay: 50.707 ms

Loss rate: 1.09%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-04-03 11:14:42

End at: 2018-04-03 11:15:12

Local clock offset: 0.198 ms

Remote clock offset: 4.844 ms

Below is generated by plot.py at 2018-04-03 13:29:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.88 Mbit/s

95th percentile per-packet one-way delay: 45.441 ms

Loss rate: 0.79%

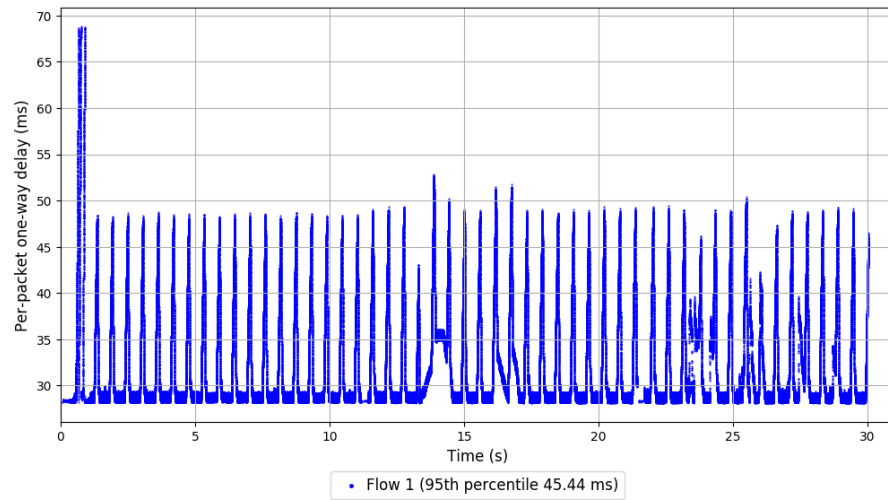
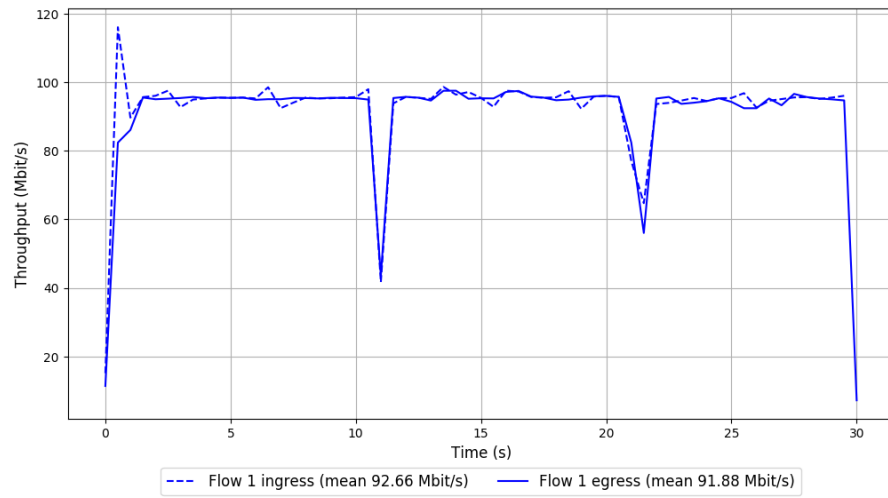
-- Flow 1:

Average throughput: 91.88 Mbit/s

95th percentile per-packet one-way delay: 45.441 ms

Loss rate: 0.79%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-04-03 11:40:42

End at: 2018-04-03 11:41:12

Local clock offset: 0.245 ms

Remote clock offset: 8.55 ms

Below is generated by plot.py at 2018-04-03 13:29:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.21 Mbit/s

95th percentile per-packet one-way delay: 45.958 ms

Loss rate: 0.66%

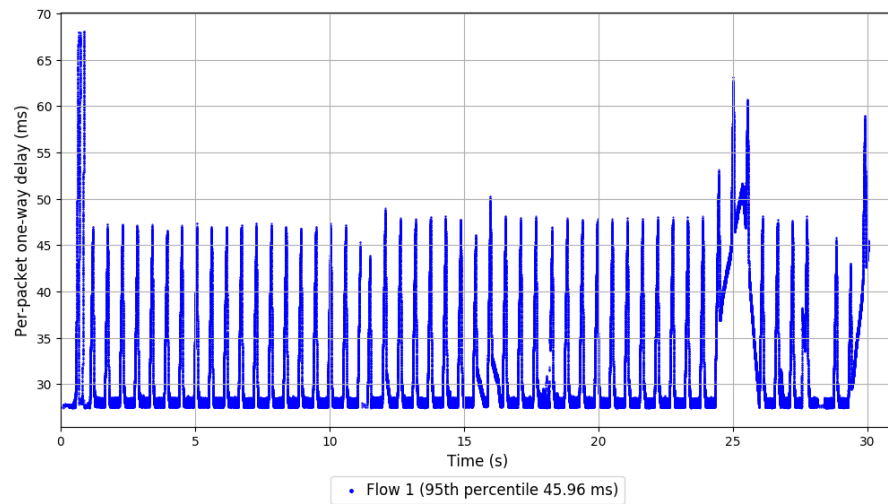
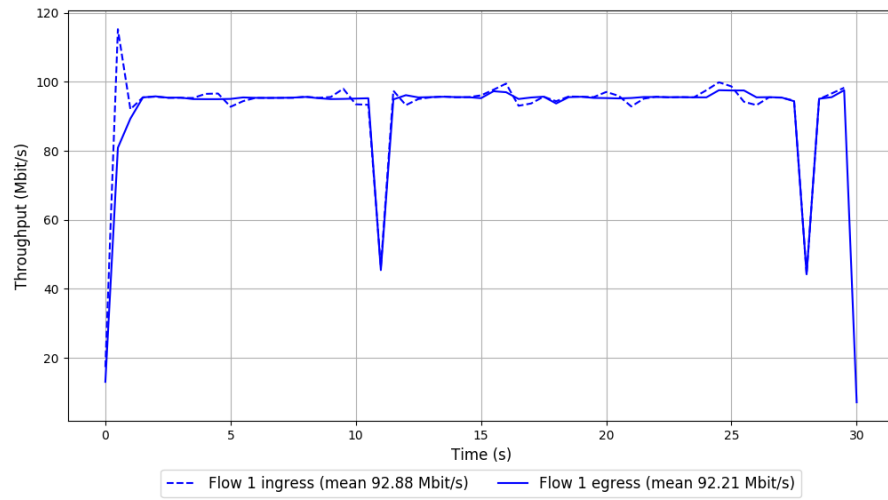
-- Flow 1:

Average throughput: 92.21 Mbit/s

95th percentile per-packet one-way delay: 45.958 ms

Loss rate: 0.66%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-04-03 12:05:07

End at: 2018-04-03 12:05:37

Local clock offset: 0.259 ms

Remote clock offset: 7.252 ms

Below is generated by plot.py at 2018-04-03 13:29:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.75 Mbit/s

95th percentile per-packet one-way delay: 45.971 ms

Loss rate: 0.90%

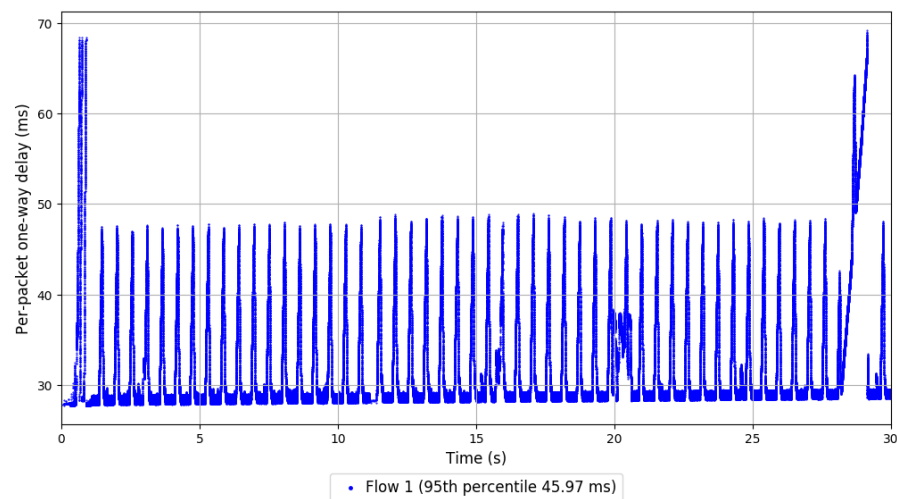
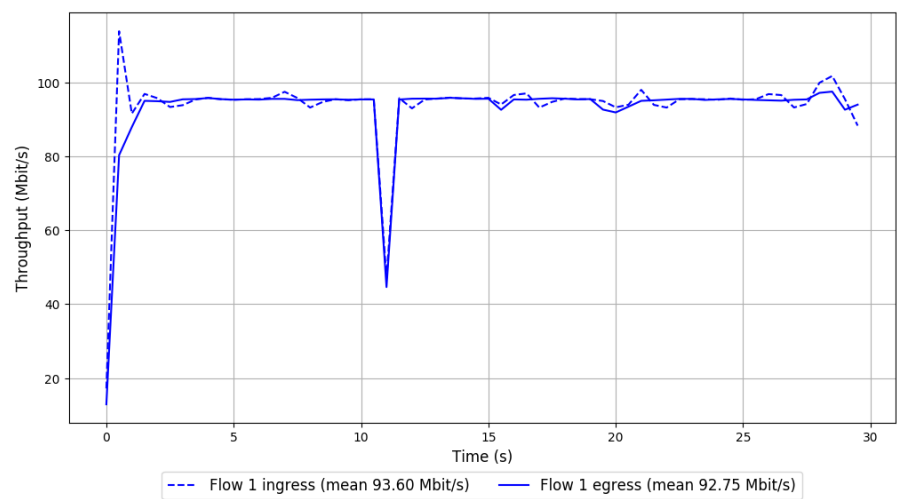
-- Flow 1:

Average throughput: 92.75 Mbit/s

95th percentile per-packet one-way delay: 45.971 ms

Loss rate: 0.90%

Run 8: Report of TCP BBR — Data Link

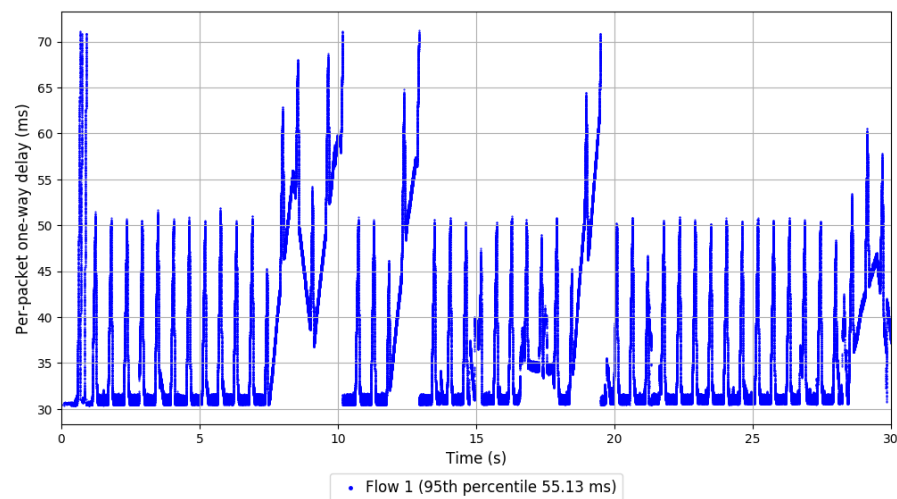
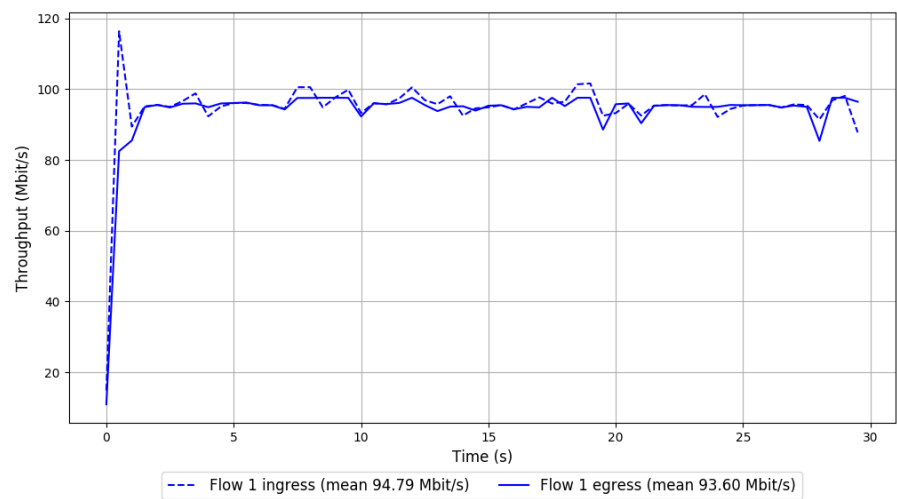


Run 9: Statistics of TCP BBR

Start at: 2018-04-03 12:29:51
End at: 2018-04-03 12:30:21
Local clock offset: -0.136 ms
Remote clock offset: -6.192 ms

Below is generated by plot.py at 2018-04-03 13:30:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.60 Mbit/s
95th percentile per-packet one-way delay: 55.126 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 93.60 Mbit/s
95th percentile per-packet one-way delay: 55.126 ms
Loss rate: 1.23%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-04-03 12:54:35

End at: 2018-04-03 12:55:05

Local clock offset: -0.006 ms

Remote clock offset: -4.814 ms

Below is generated by plot.py at 2018-04-03 13:30:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.56 Mbit/s

95th percentile per-packet one-way delay: 48.290 ms

Loss rate: 0.81%

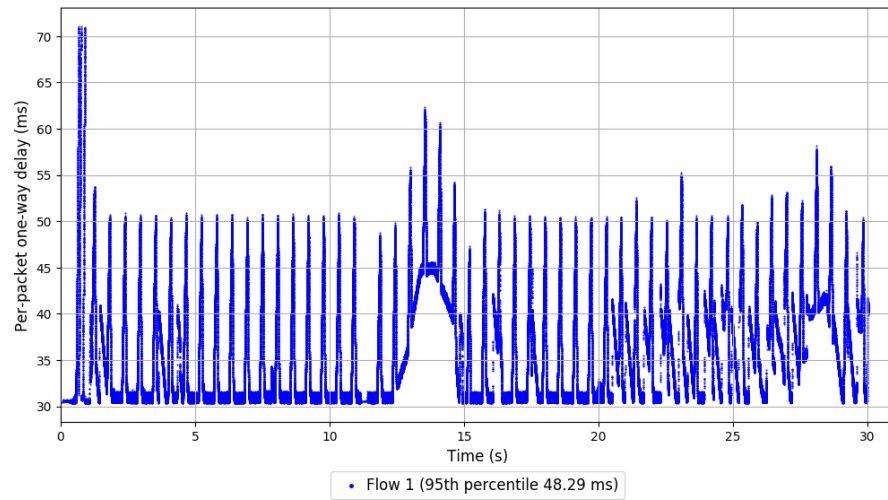
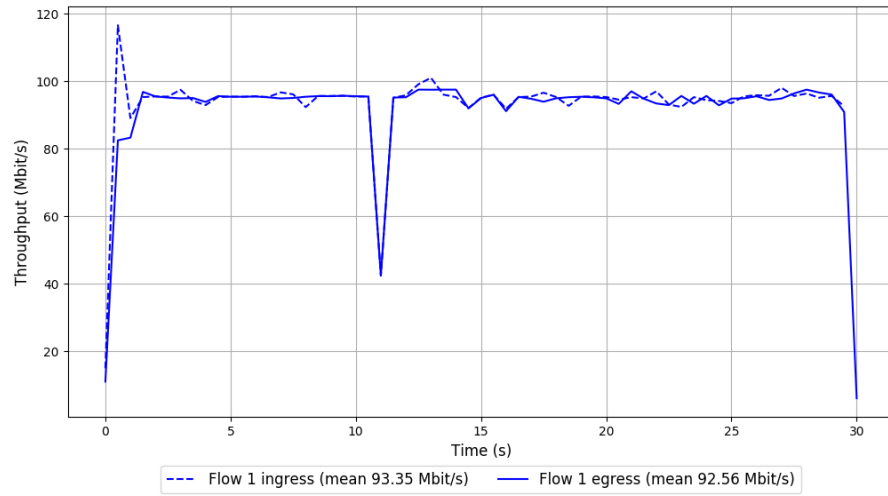
-- Flow 1:

Average throughput: 92.56 Mbit/s

95th percentile per-packet one-way delay: 48.290 ms

Loss rate: 0.81%

Run 10: Report of TCP BBR — Data Link

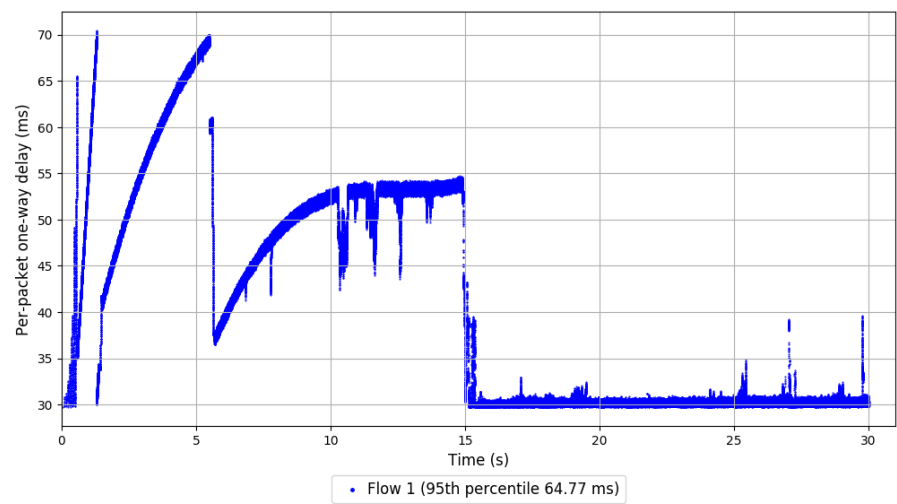
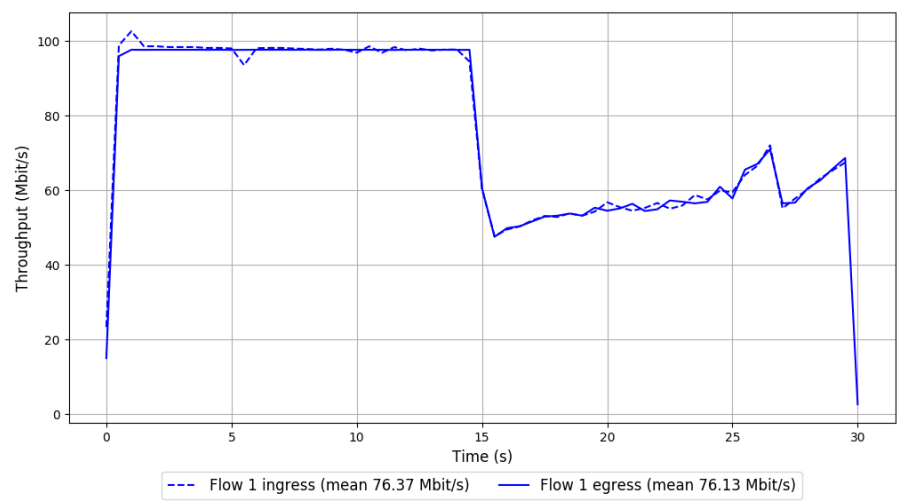


Run 1: Statistics of TCP Cubic

Start at: 2018-04-03 09:12:50
End at: 2018-04-03 09:13:20
Local clock offset: -0.409 ms
Remote clock offset: -0.496 ms

Below is generated by plot.py at 2018-04-03 13:30:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.13 Mbit/s
95th percentile per-packet one-way delay: 64.769 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 76.13 Mbit/s
95th percentile per-packet one-way delay: 64.769 ms
Loss rate: 0.31%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-04-03 09:38:01

End at: 2018-04-03 09:38:31

Local clock offset: 0.077 ms

Remote clock offset: -1.1 ms

Below is generated by plot.py at 2018-04-03 13:30:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 68.530 ms

Loss rate: 0.20%

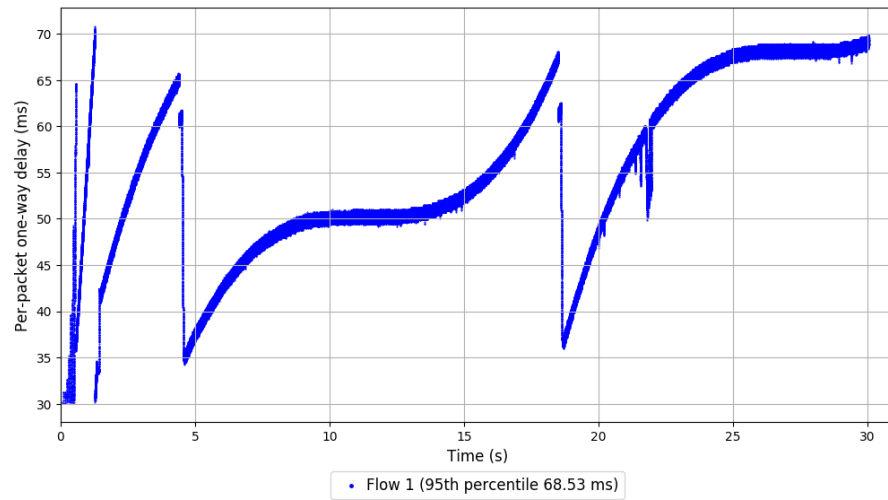
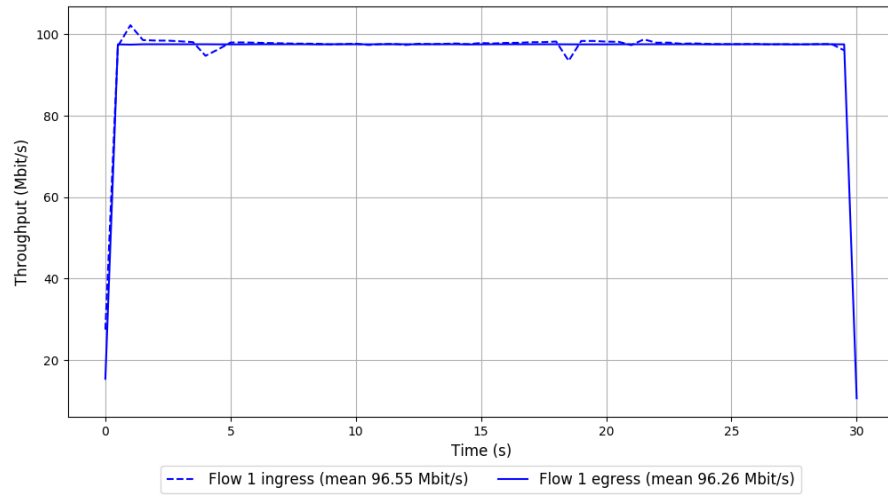
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 68.530 ms

Loss rate: 0.20%

Run 2: Report of TCP Cubic — Data Link

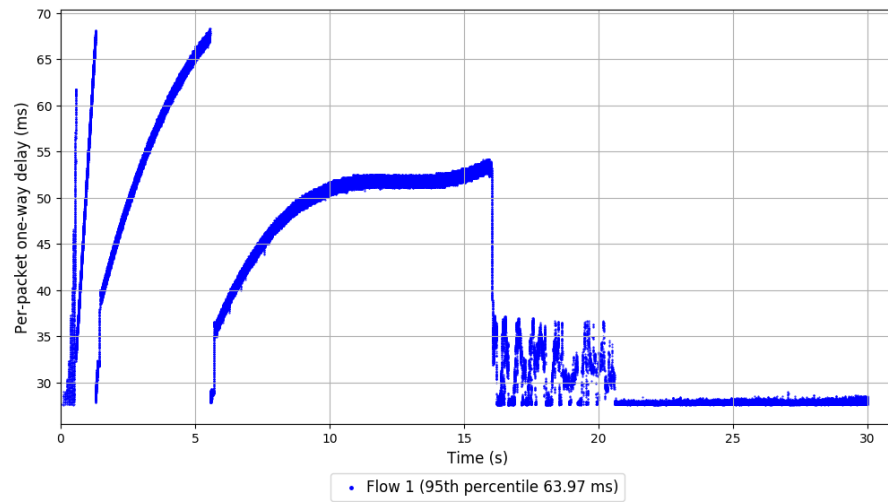
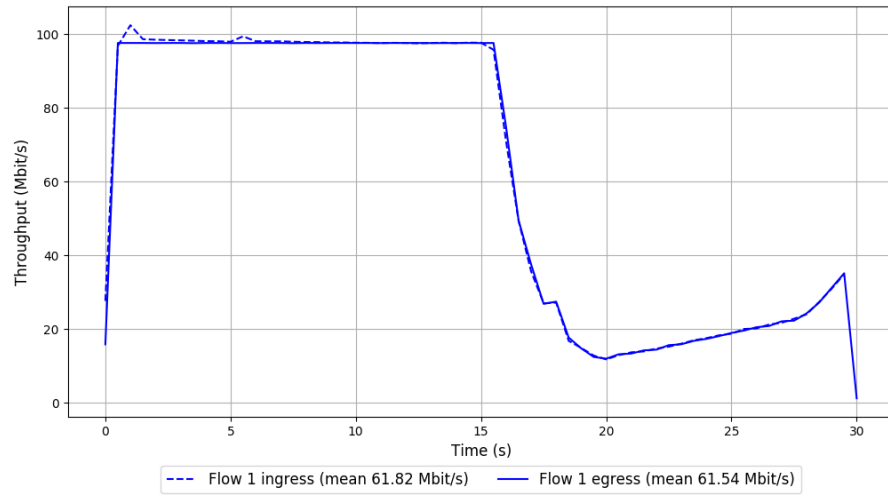


Run 3: Statistics of TCP Cubic

Start at: 2018-04-03 10:02:30
End at: 2018-04-03 10:03:00
Local clock offset: 0.18 ms
Remote clock offset: -3.631 ms

Below is generated by plot.py at 2018-04-03 13:30:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.54 Mbit/s
95th percentile per-packet one-way delay: 63.966 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 61.54 Mbit/s
95th percentile per-packet one-way delay: 63.966 ms
Loss rate: 0.45%

Run 3: Report of TCP Cubic — Data Link

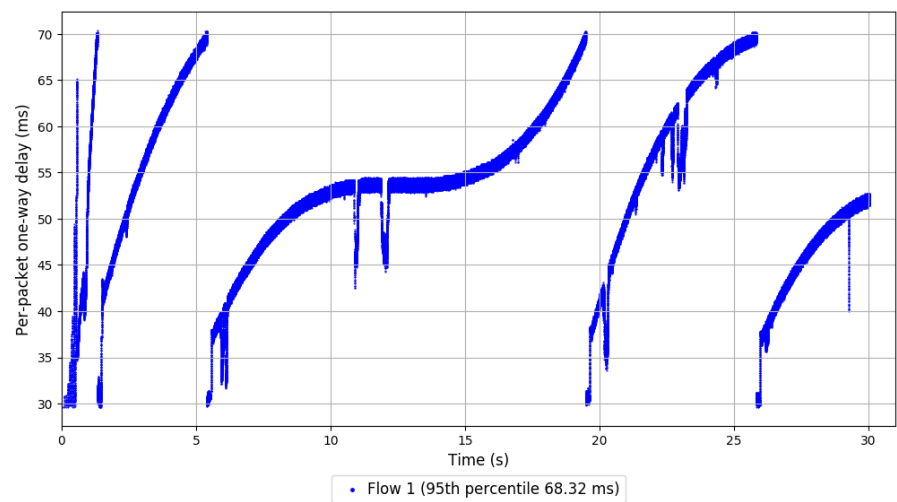
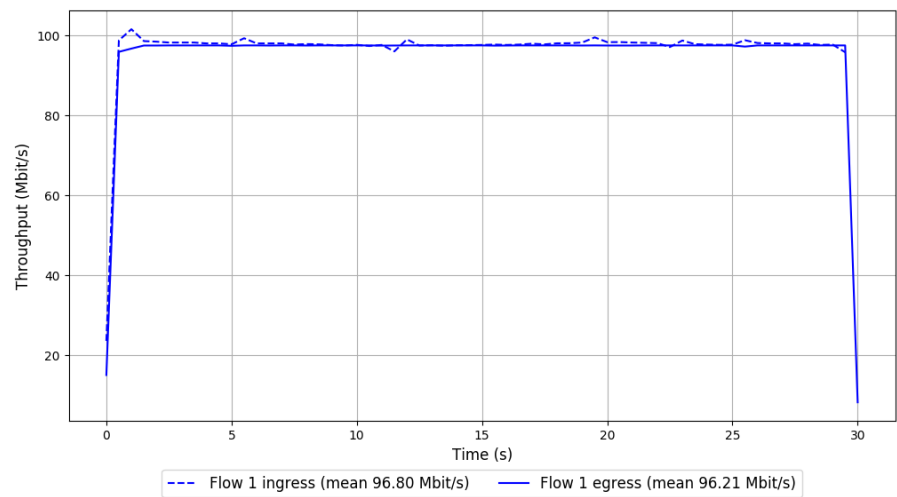


Run 4: Statistics of TCP Cubic

Start at: 2018-04-03 10:27:09
End at: 2018-04-03 10:27:39
Local clock offset: 0.393 ms
Remote clock offset: -1.807 ms

Below is generated by plot.py at 2018-04-03 13:30:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 68.321 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 68.321 ms
Loss rate: 0.54%

Run 4: Report of TCP Cubic — Data Link

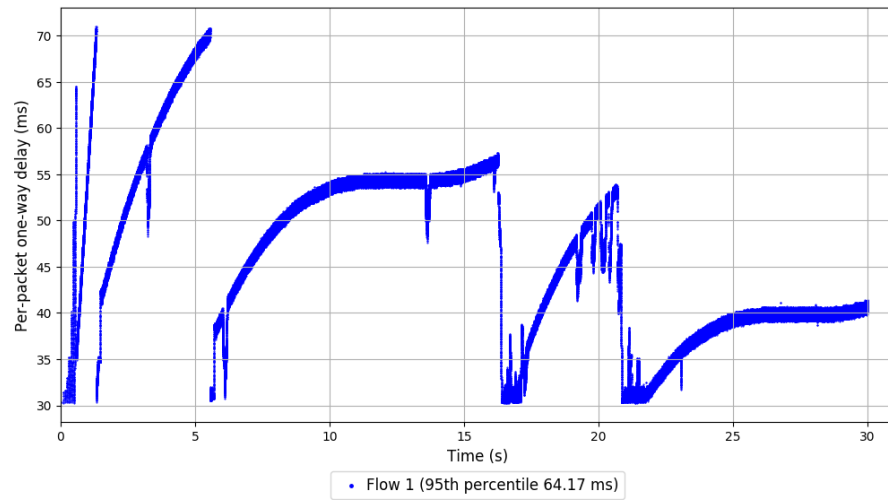
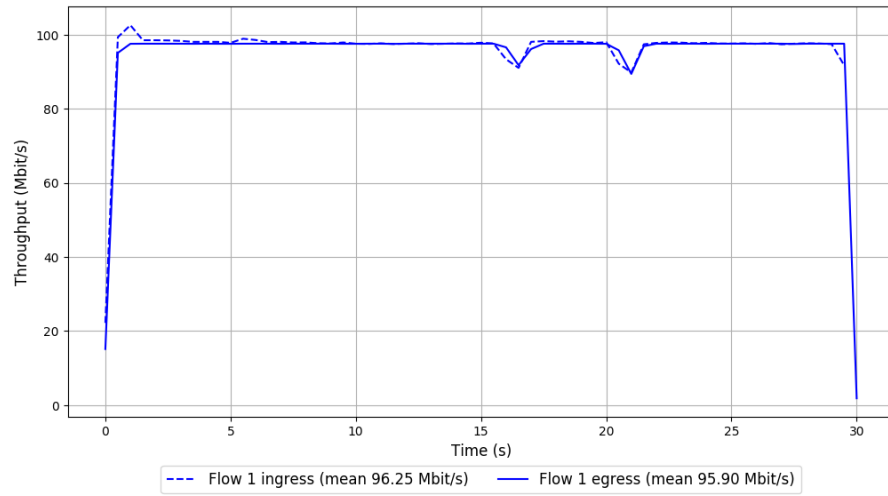


Run 5: Statistics of TCP Cubic

Start at: 2018-04-03 10:52:34
End at: 2018-04-03 10:53:04
Local clock offset: 0.539 ms
Remote clock offset: -2.117 ms

Below is generated by plot.py at 2018-04-03 13:30:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 64.171 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 64.171 ms
Loss rate: 0.33%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-04-03 11:17:24

End at: 2018-04-03 11:17:54

Local clock offset: 0.234 ms

Remote clock offset: 7.9 ms

Below is generated by plot.py at 2018-04-03 13:30:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 68.366 ms

Loss rate: 0.57%

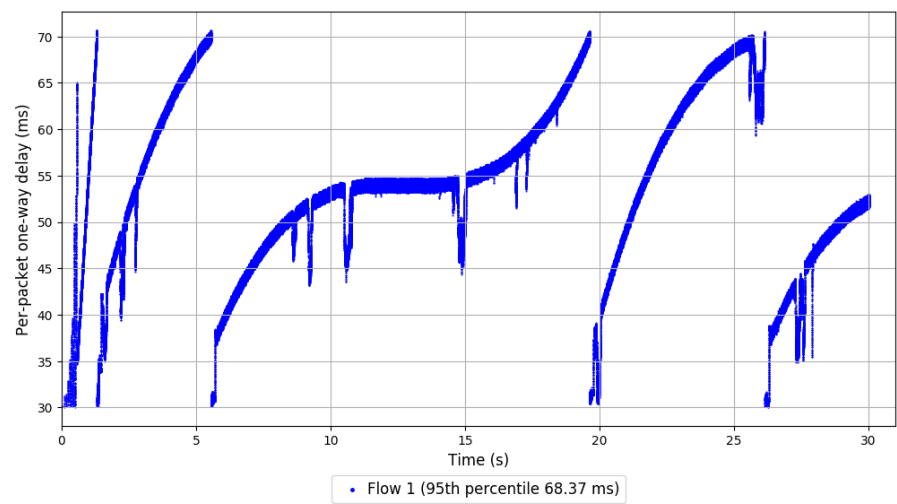
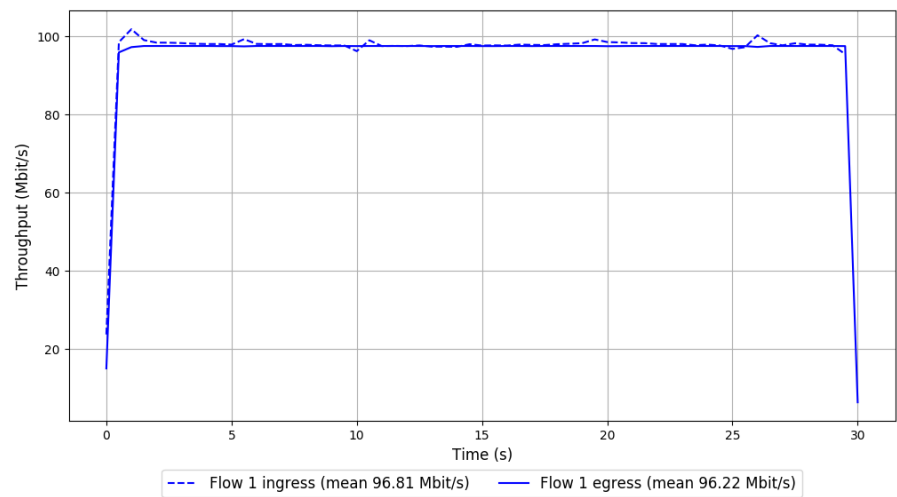
-- Flow 1:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 68.366 ms

Loss rate: 0.57%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-04-03 11:43:22

End at: 2018-04-03 11:43:53

Local clock offset: 0.16 ms

Remote clock offset: 8.946 ms

Below is generated by plot.py at 2018-04-03 13:31:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.55 Mbit/s

95th percentile per-packet one-way delay: 65.619 ms

Loss rate: 0.41%

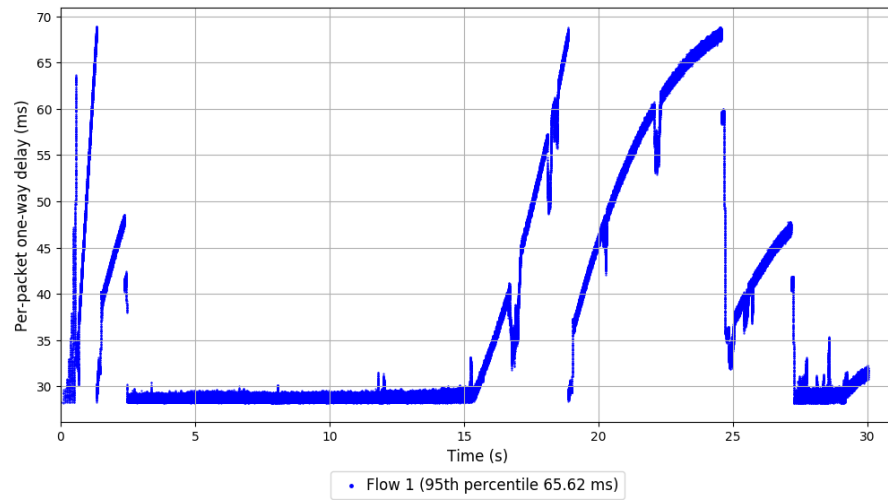
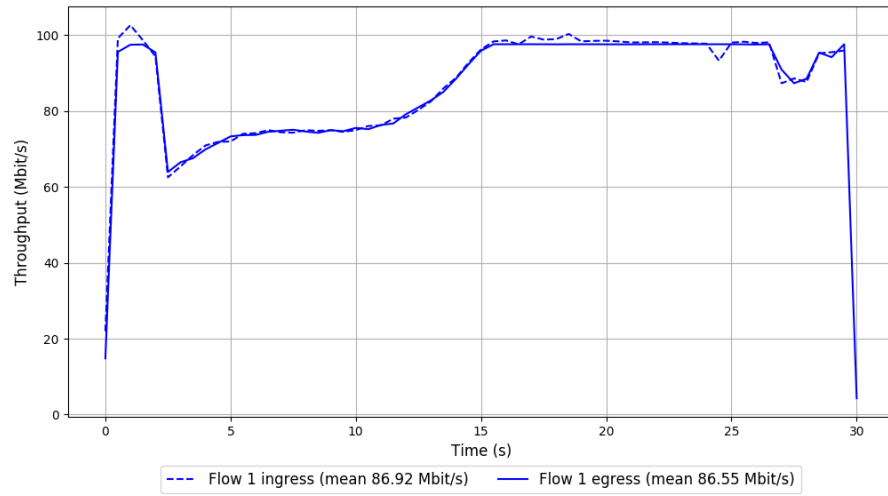
-- Flow 1:

Average throughput: 86.55 Mbit/s

95th percentile per-packet one-way delay: 65.619 ms

Loss rate: 0.41%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

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

End at: 2018-04-03 12:08:16

Local clock offset: 0.122 ms

Remote clock offset: 5.714 ms

Below is generated by plot.py at 2018-04-03 13:31:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.86 Mbit/s

95th percentile per-packet one-way delay: 58.998 ms

Loss rate: 0.15%

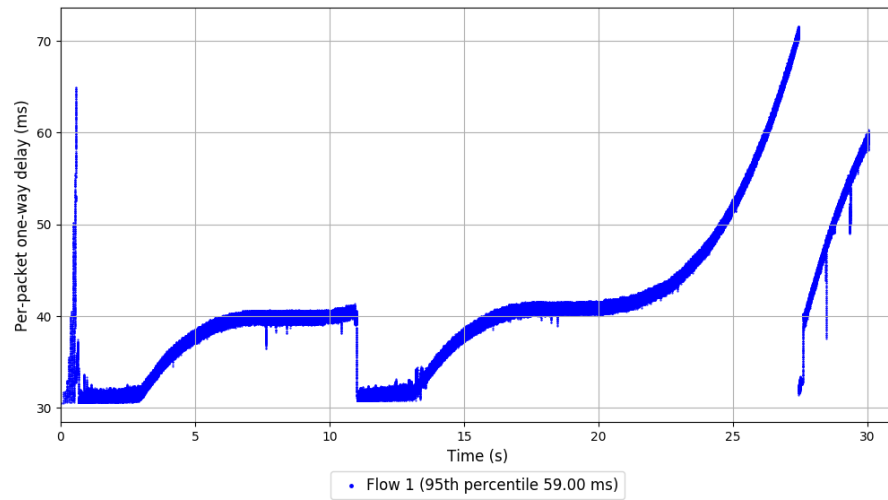
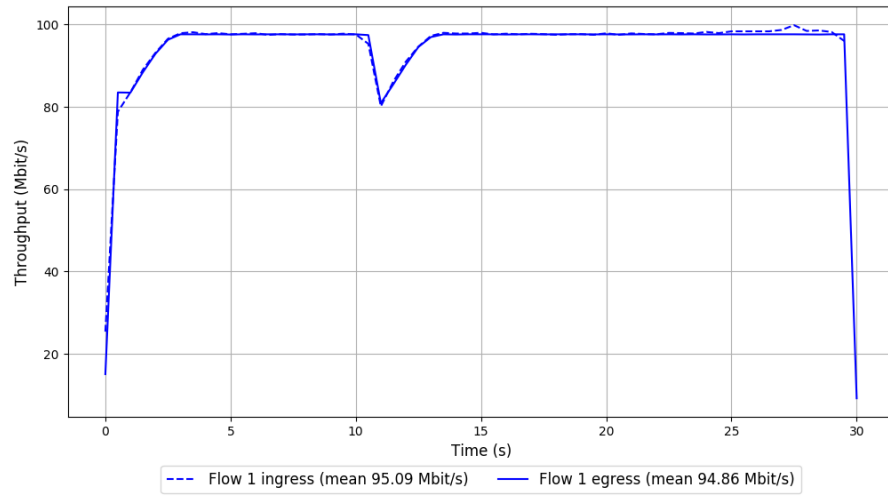
-- Flow 1:

Average throughput: 94.86 Mbit/s

95th percentile per-packet one-way delay: 58.998 ms

Loss rate: 0.15%

Run 8: Report of TCP Cubic — Data Link

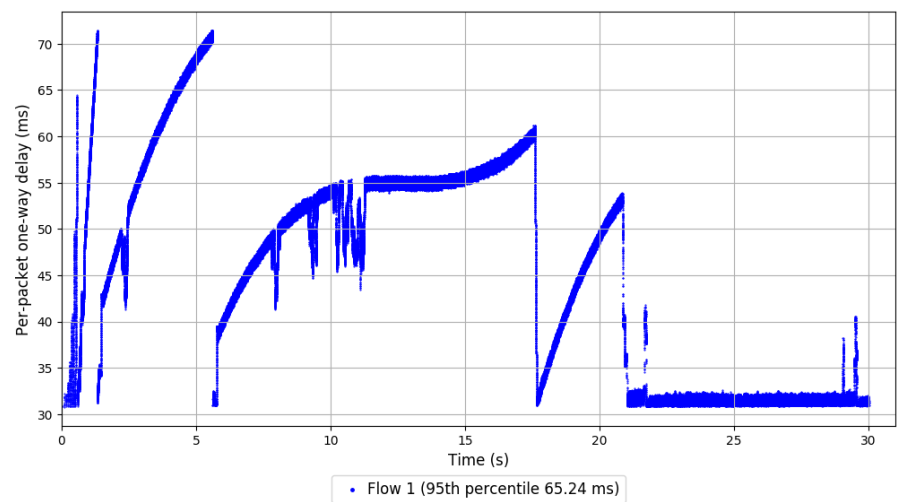
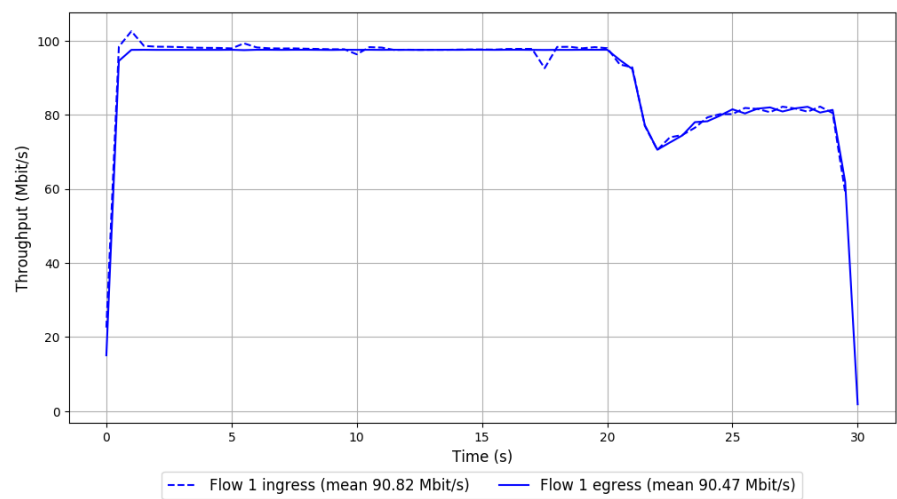


Run 9: Statistics of TCP Cubic

Start at: 2018-04-03 12:32:30
End at: 2018-04-03 12:33:00
Local clock offset: -0.095 ms
Remote clock offset: -6.353 ms

Below is generated by plot.py at 2018-04-03 13:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.47 Mbit/s
95th percentile per-packet one-way delay: 65.238 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 90.47 Mbit/s
95th percentile per-packet one-way delay: 65.238 ms
Loss rate: 0.39%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-04-03 12:57:16

End at: 2018-04-03 12:57:46

Local clock offset: 0.052 ms

Remote clock offset: -4.875 ms

Below is generated by plot.py at 2018-04-03 13:31:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.13 Mbit/s

95th percentile per-packet one-way delay: 59.105 ms

Loss rate: 0.25%

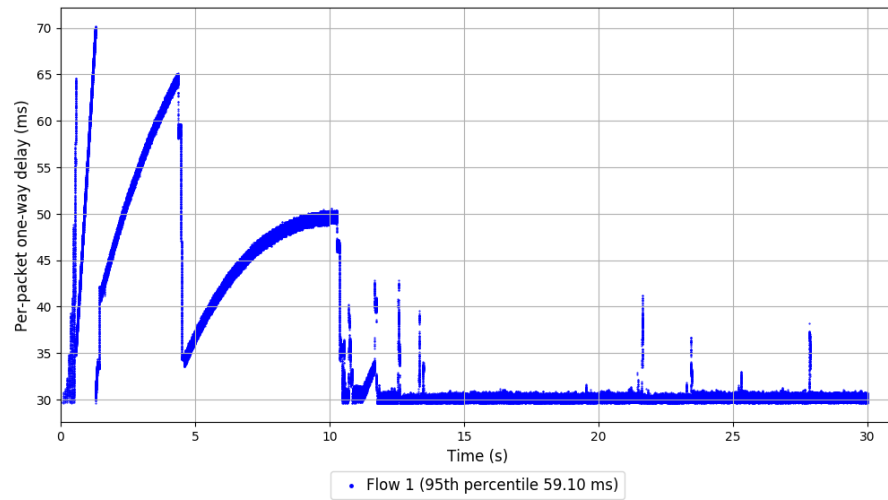
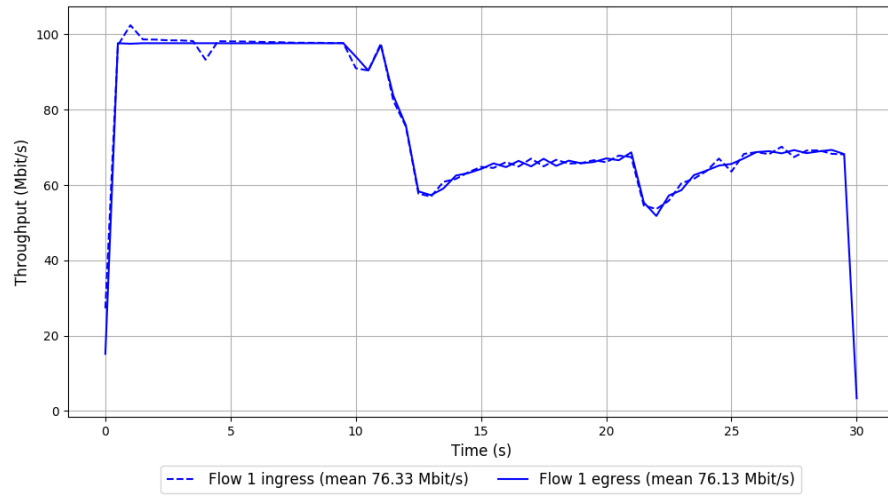
-- Flow 1:

Average throughput: 76.13 Mbit/s

95th percentile per-packet one-way delay: 59.105 ms

Loss rate: 0.25%

Run 10: Report of TCP Cubic — Data Link

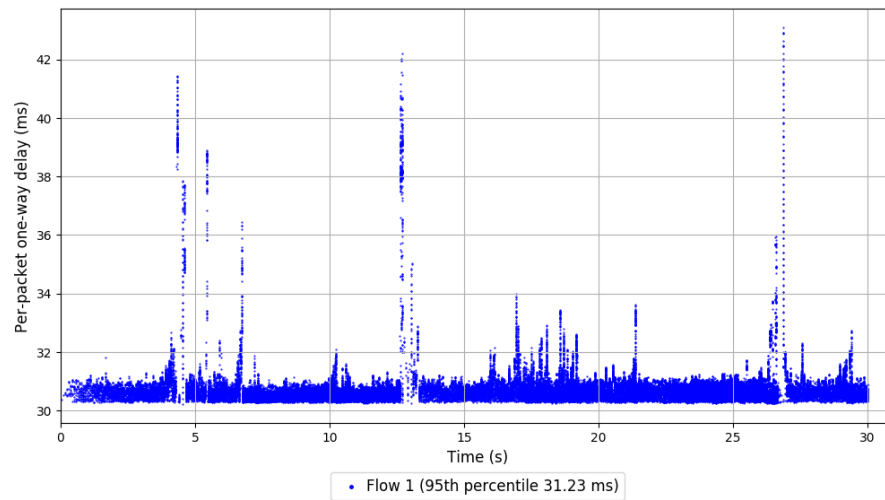
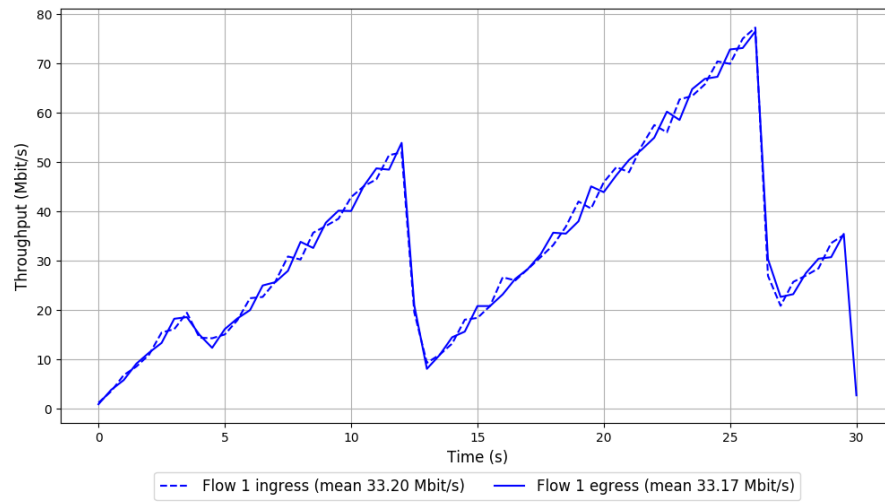


```
Run 1: Statistics of LEDBAT

Start at: 2018-04-03 09:08:52
End at: 2018-04-03 09:09:22
Local clock offset: -0.311 ms
Remote clock offset: -0.508 ms

# Below is generated by plot.py at 2018-04-03 13:31:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 31.227 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 31.227 ms
Loss rate: 0.09%
```

Run 1: Report of LEDBAT — Data Link

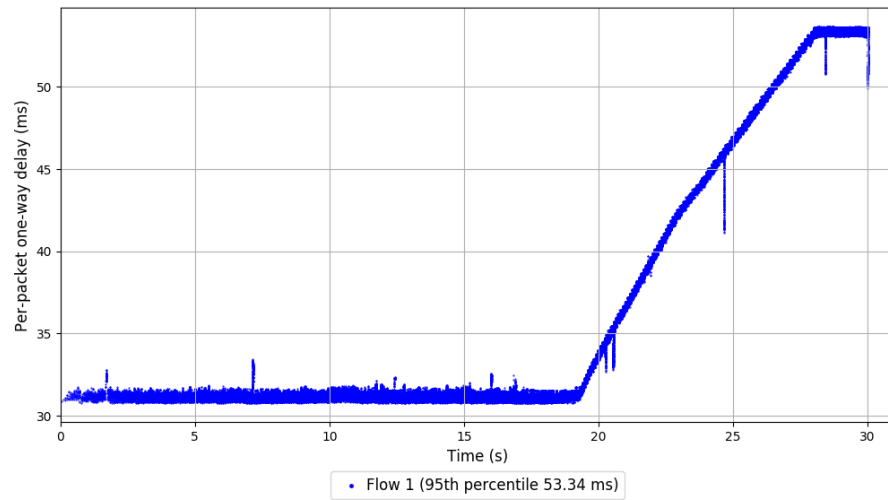
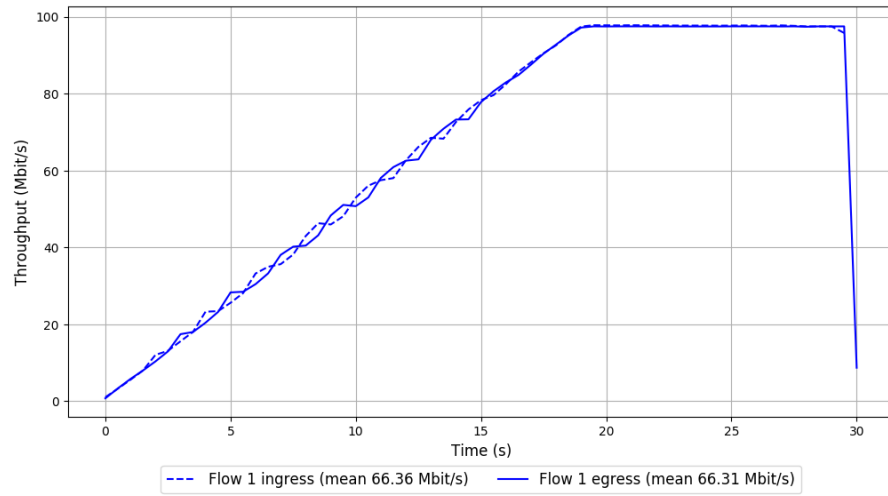


Run 2: Statistics of LEDBAT

Start at: 2018-04-03 09:33:55
End at: 2018-04-03 09:34:25
Local clock offset: 0.084 ms
Remote clock offset: -1.005 ms

Below is generated by plot.py at 2018-04-03 13:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.31 Mbit/s
95th percentile per-packet one-way delay: 53.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.31 Mbit/s
95th percentile per-packet one-way delay: 53.345 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

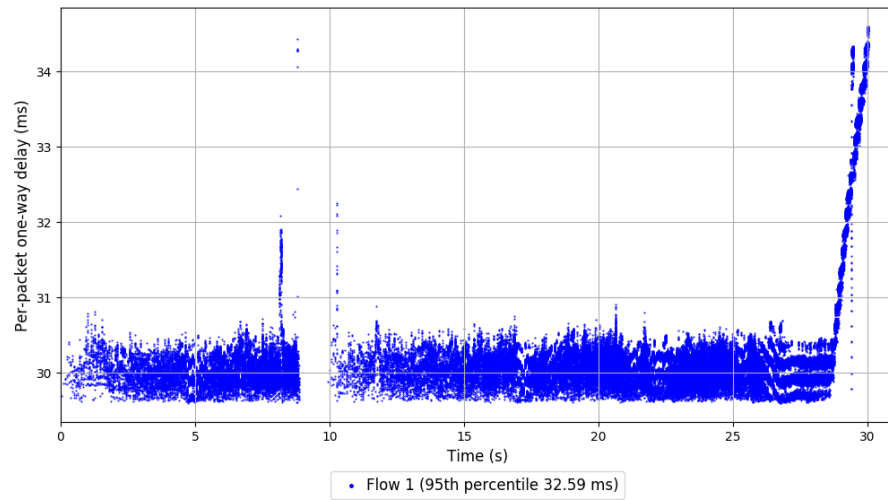
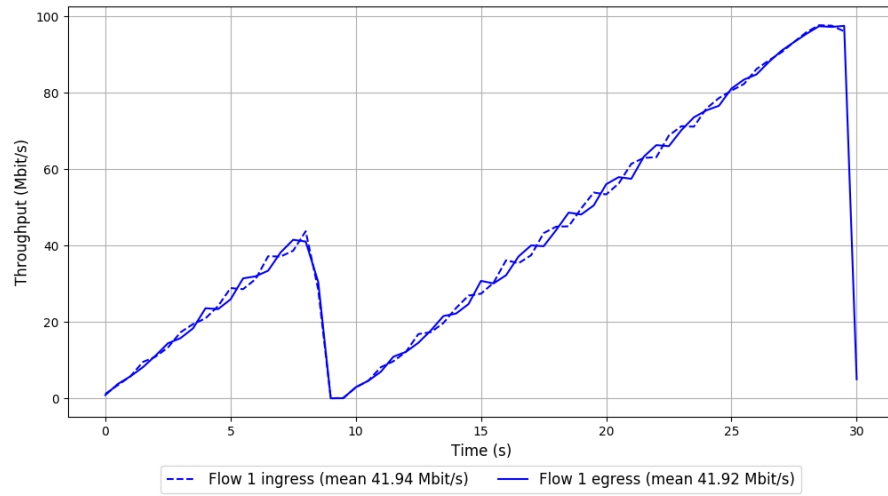


Run 3: Statistics of LEDBAT

Start at: 2018-04-03 09:58:33
End at: 2018-04-03 09:59:03
Local clock offset: 0.191 ms
Remote clock offset: -1.568 ms

Below is generated by plot.py at 2018-04-03 13:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 32.588 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 32.588 ms
Loss rate: 0.03%

Run 3: Report of LEDBAT — Data Link

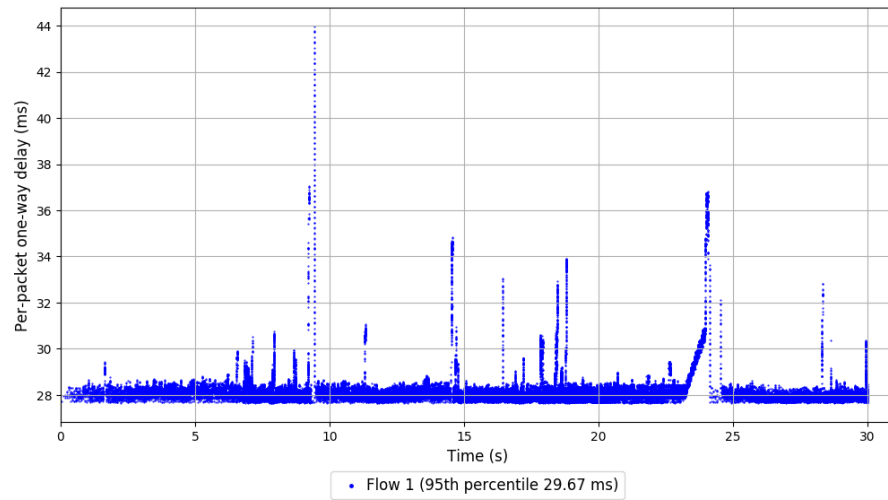
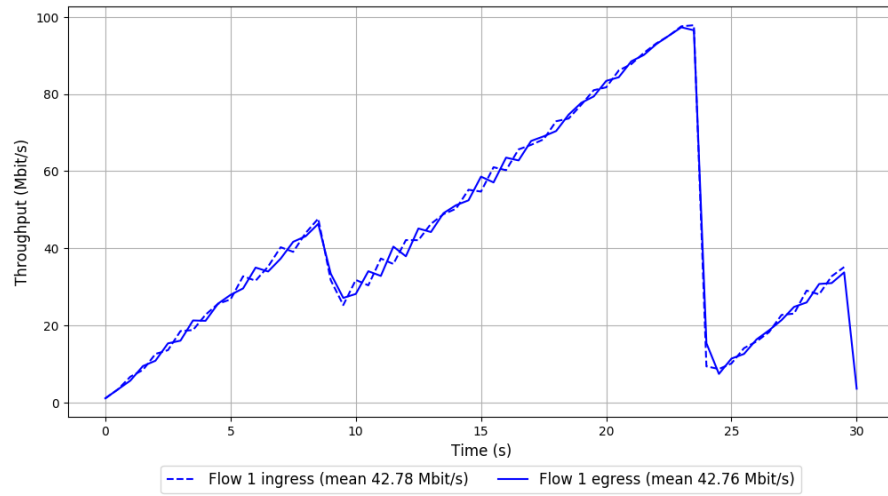


Run 4: Statistics of LEDBAT

Start at: 2018-04-03 10:23:09
End at: 2018-04-03 10:23:39
Local clock offset: 0.264 ms
Remote clock offset: -3.815 ms

Below is generated by plot.py at 2018-04-03 13:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.76 Mbit/s
95th percentile per-packet one-way delay: 29.672 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 42.76 Mbit/s
95th percentile per-packet one-way delay: 29.672 ms
Loss rate: 0.05%

Run 4: Report of LEDBAT — Data Link

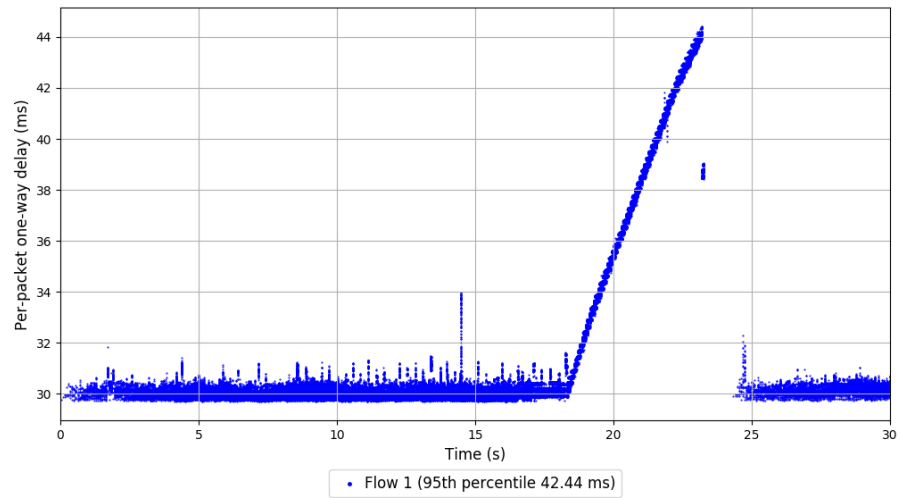
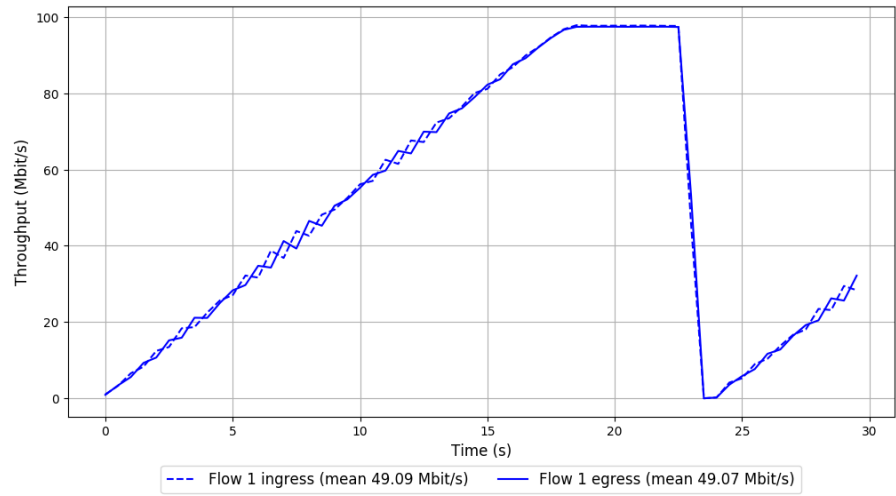


Run 5: Statistics of LEDBAT

Start at: 2018-04-03 10:48:24
End at: 2018-04-03 10:48:54
Local clock offset: 0.388 ms
Remote clock offset: -2.051 ms

Below is generated by plot.py at 2018-04-03 13:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: 42.438 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: 42.438 ms
Loss rate: 0.04%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-04-03 11:13:17

End at: 2018-04-03 11:13:47

Local clock offset: 0.155 ms

Remote clock offset: 4.577 ms

Below is generated by plot.py at 2018-04-03 13:31:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.26 Mbit/s

95th percentile per-packet one-way delay: 43.237 ms

Loss rate: 0.01%

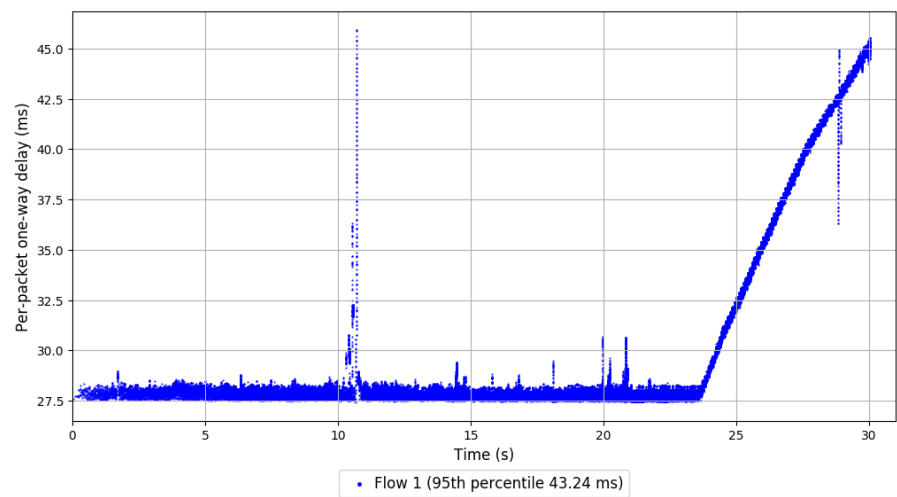
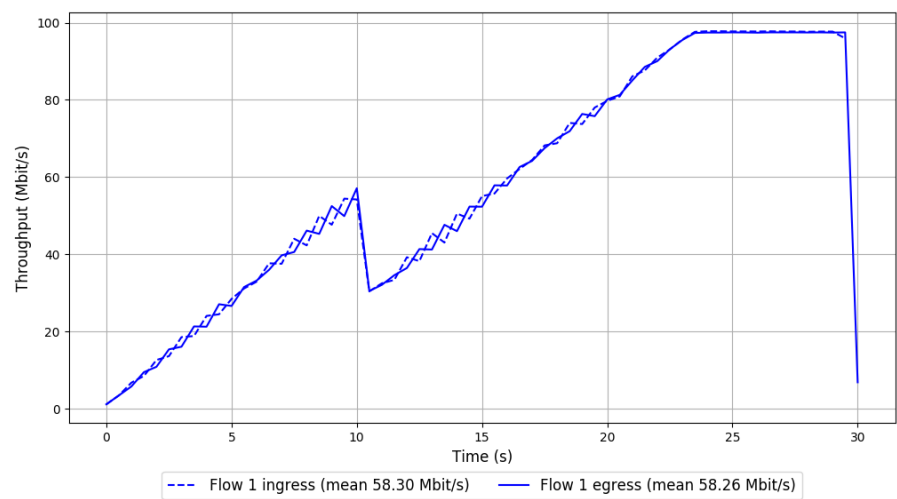
-- Flow 1:

Average throughput: 58.26 Mbit/s

95th percentile per-packet one-way delay: 43.237 ms

Loss rate: 0.01%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-04-03 11:39:20

End at: 2018-04-03 11:39:50

Local clock offset: 0.293 ms

Remote clock offset: 8.453 ms

Below is generated by plot.py at 2018-04-03 13:32:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.59 Mbit/s

95th percentile per-packet one-way delay: 50.518 ms

Loss rate: 0.00%

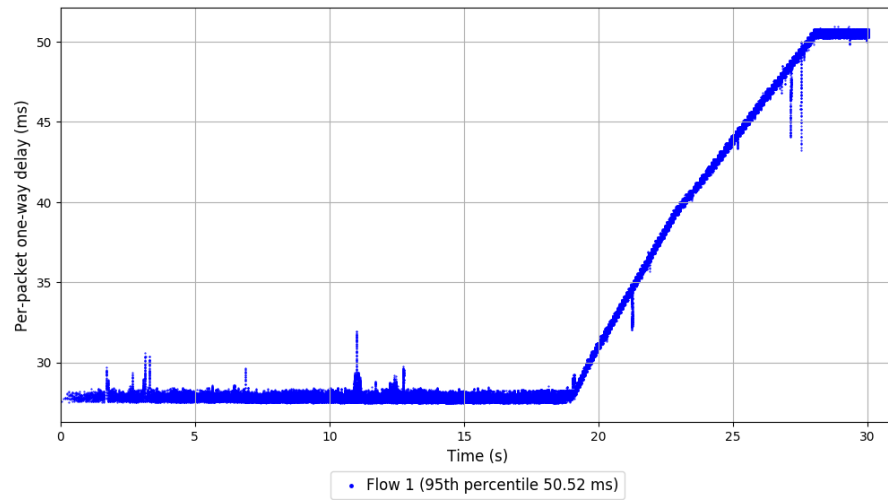
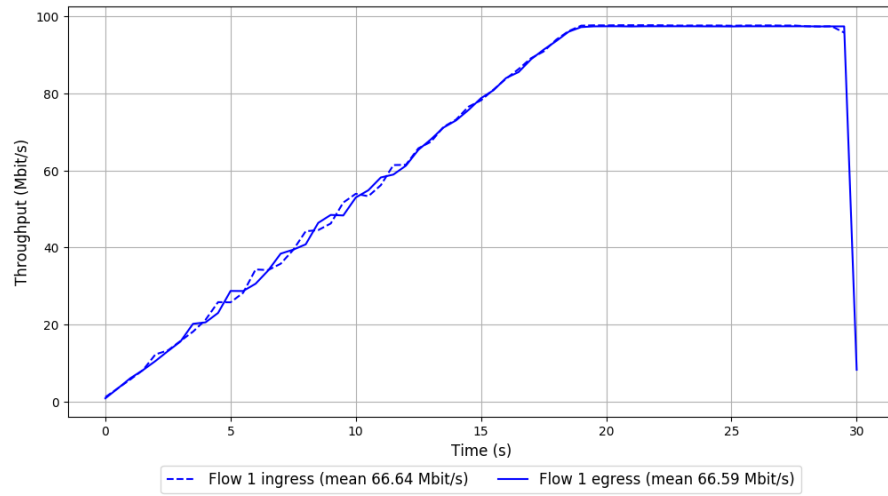
-- Flow 1:

Average throughput: 66.59 Mbit/s

95th percentile per-packet one-way delay: 50.518 ms

Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-04-03 12:03:48

End at: 2018-04-03 12:04:18

Local clock offset: 0.198 ms

Remote clock offset: 9.879 ms

Below is generated by plot.py at 2018-04-03 13:32:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.35 Mbit/s

95th percentile per-packet one-way delay: 29.747 ms

Loss rate: 0.05%

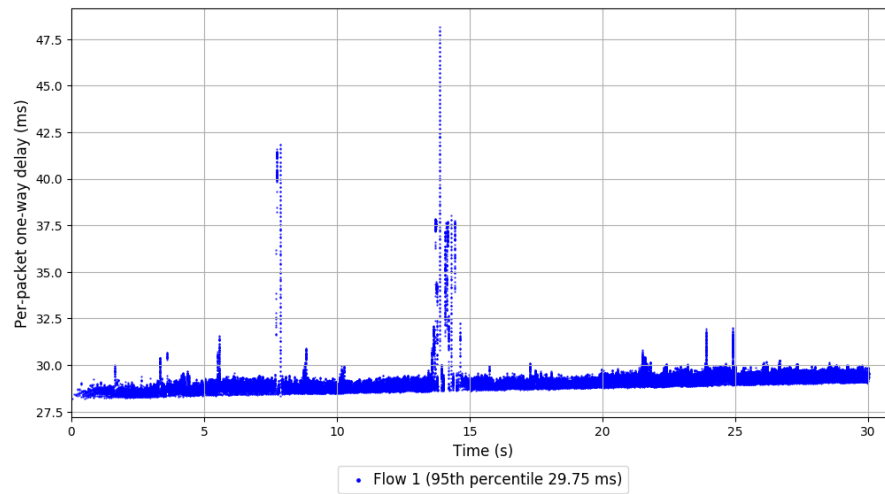
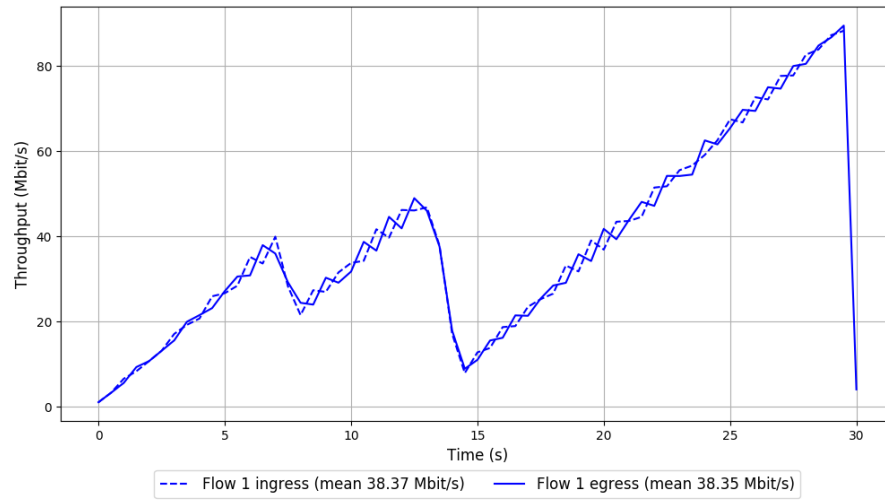
-- Flow 1:

Average throughput: 38.35 Mbit/s

95th percentile per-packet one-way delay: 29.747 ms

Loss rate: 0.05%

Run 8: Report of LEDBAT — Data Link

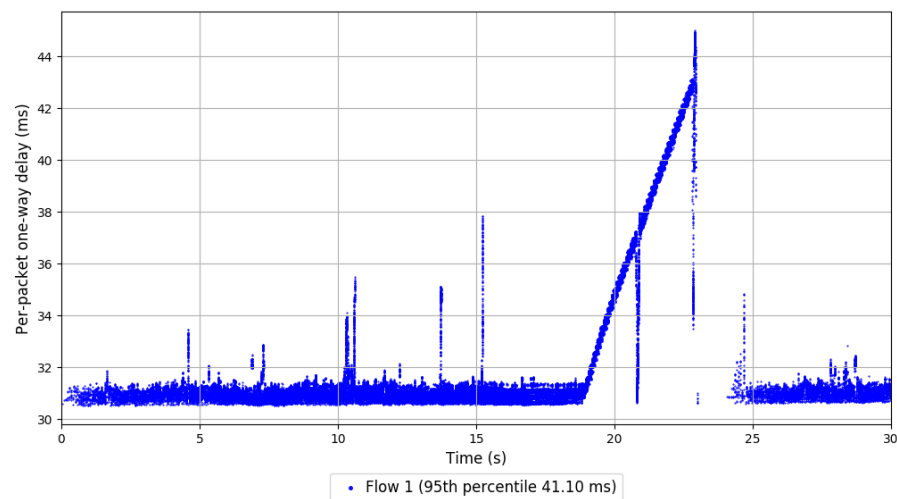
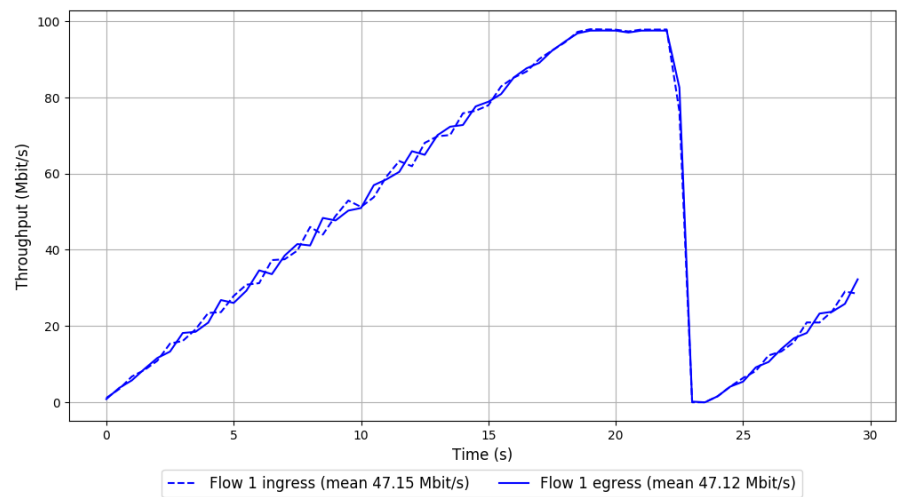


Run 9: Statistics of LEDBAT

Start at: 2018-04-03 12:28:30
End at: 2018-04-03 12:29:00
Local clock offset: -0.221 ms
Remote clock offset: -5.799 ms

Below is generated by plot.py at 2018-04-03 13:32:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.12 Mbit/s
95th percentile per-packet one-way delay: 41.096 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 47.12 Mbit/s
95th percentile per-packet one-way delay: 41.096 ms
Loss rate: 0.06%

Run 9: Report of LEDBAT — Data Link

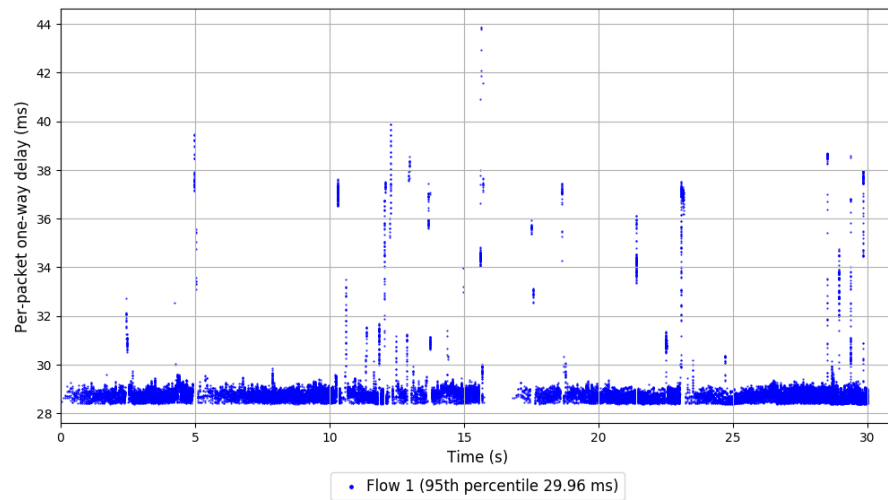
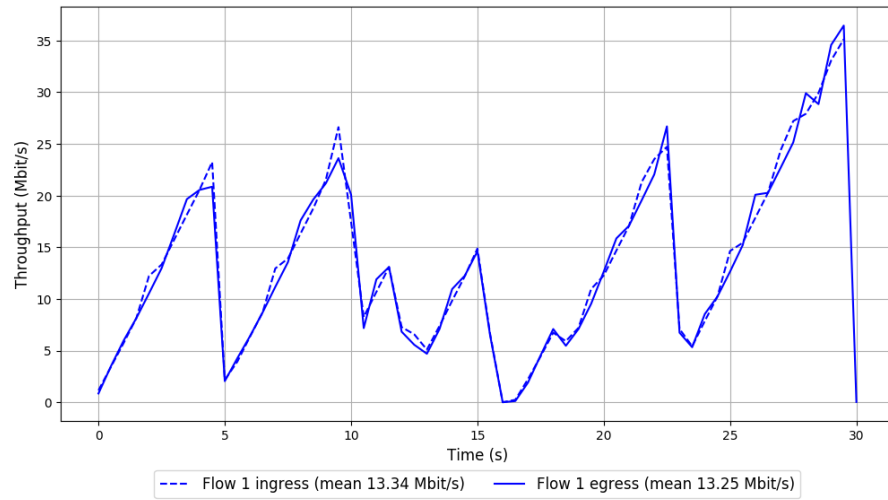


Run 10: Statistics of LEDBAT

Start at: 2018-04-03 12:53:17
End at: 2018-04-03 12:53:47
Local clock offset: -0.061 ms
Remote clock offset: -6.805 ms

Below is generated by plot.py at 2018-04-03 13:32:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 29.959 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 29.959 ms
Loss rate: 0.69%

Run 10: Report of LEDBAT — Data Link

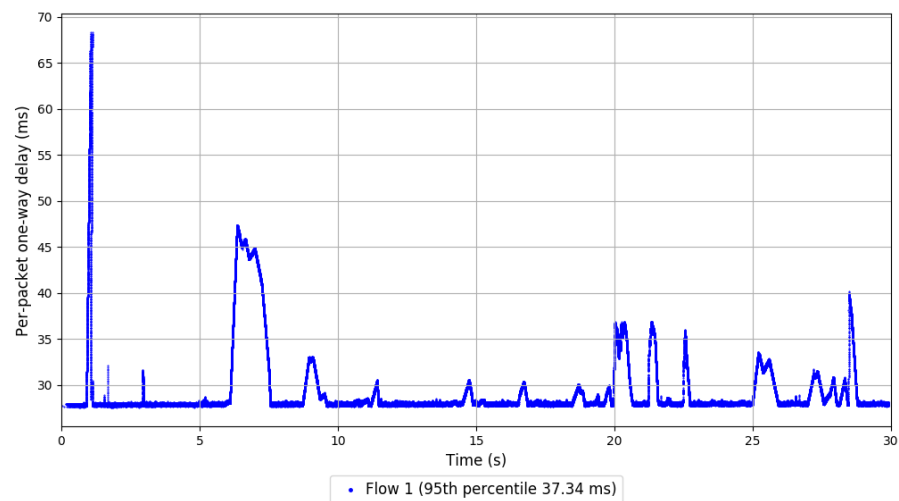
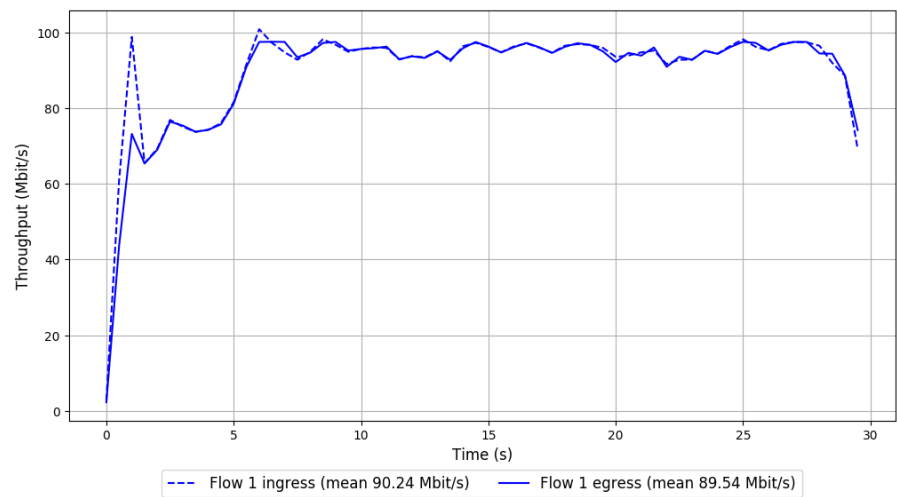


Run 1: Statistics of PCC

Start at: 2018-04-03 09:15:40
End at: 2018-04-03 09:16:10
Local clock offset: -0.394 ms
Remote clock offset: -2.807 ms

Below is generated by plot.py at 2018-04-03 13:32:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.54 Mbit/s
95th percentile per-packet one-way delay: 37.341 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 89.54 Mbit/s
95th percentile per-packet one-way delay: 37.341 ms
Loss rate: 0.77%

Run 1: Report of PCC — Data Link

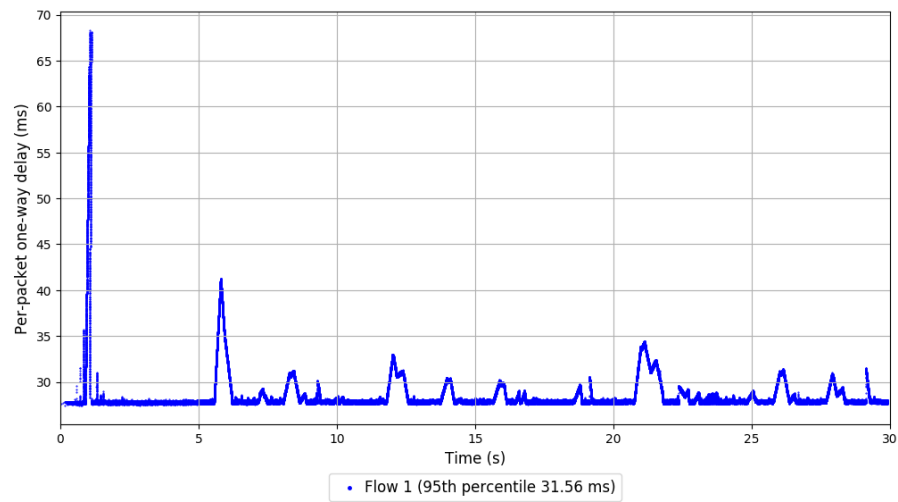
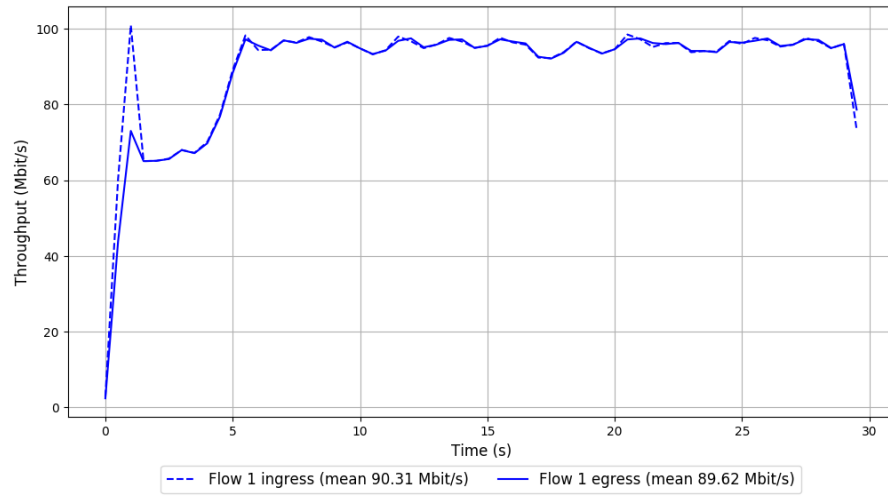


Run 2: Statistics of PCC

Start at: 2018-04-03 09:40:56
End at: 2018-04-03 09:41:26
Local clock offset: 0.079 ms
Remote clock offset: -3.663 ms

Below is generated by plot.py at 2018-04-03 13:33:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.62 Mbit/s
95th percentile per-packet one-way delay: 31.561 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 89.62 Mbit/s
95th percentile per-packet one-way delay: 31.561 ms
Loss rate: 0.76%

Run 2: Report of PCC — Data Link

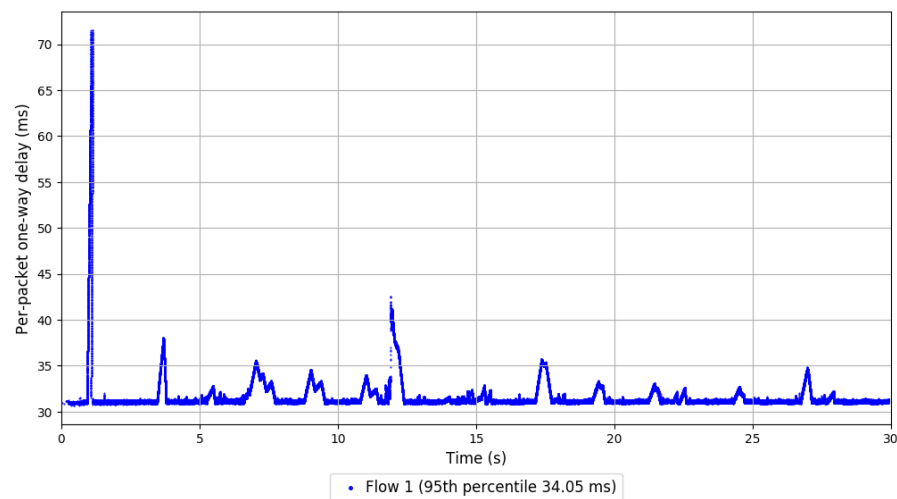
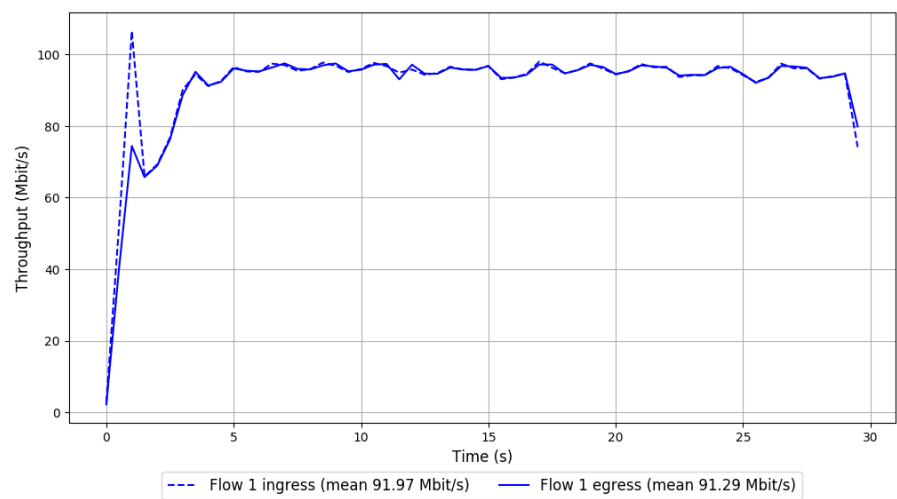


Run 3: Statistics of PCC

Start at: 2018-04-03 10:05:11
End at: 2018-04-03 10:05:41
Local clock offset: 0.113 ms
Remote clock offset: -1.137 ms

Below is generated by plot.py at 2018-04-03 13:33:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 34.045 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 34.045 ms
Loss rate: 0.74%

Run 3: Report of PCC — Data Link

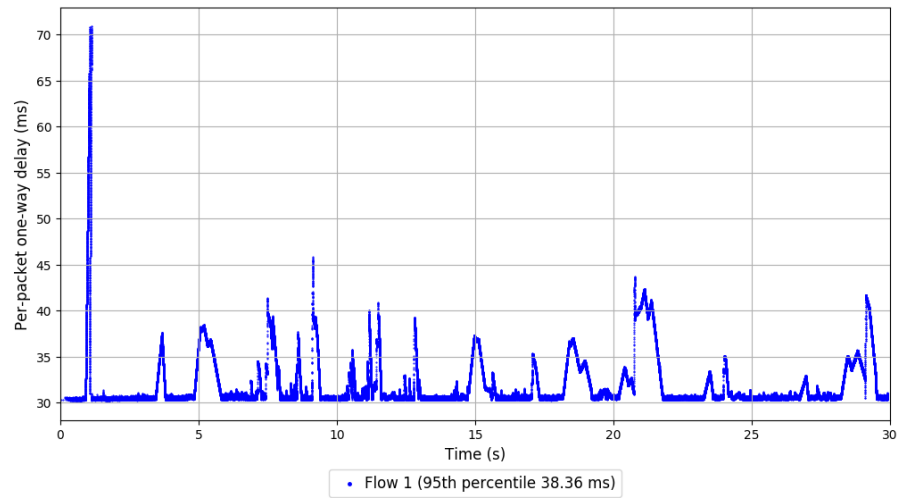
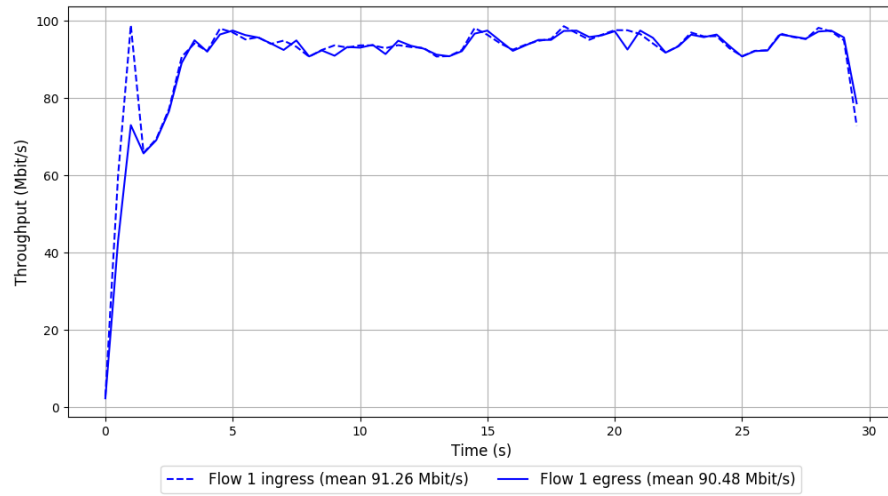


Run 4: Statistics of PCC

Start at: 2018-04-03 10:29:58
End at: 2018-04-03 10:30:28
Local clock offset: 0.371 ms
Remote clock offset: -1.861 ms

Below is generated by plot.py at 2018-04-03 13:33:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.48 Mbit/s
95th percentile per-packet one-way delay: 38.363 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 90.48 Mbit/s
95th percentile per-packet one-way delay: 38.363 ms
Loss rate: 0.85%

Run 4: Report of PCC — Data Link

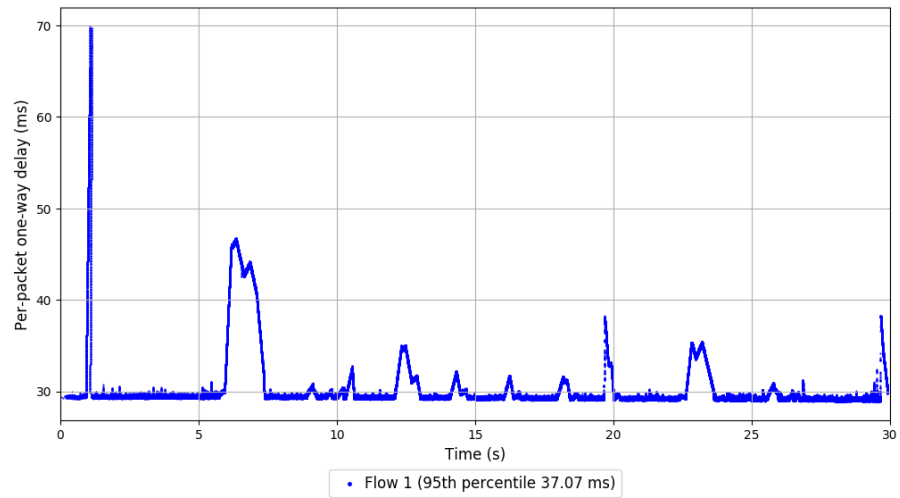
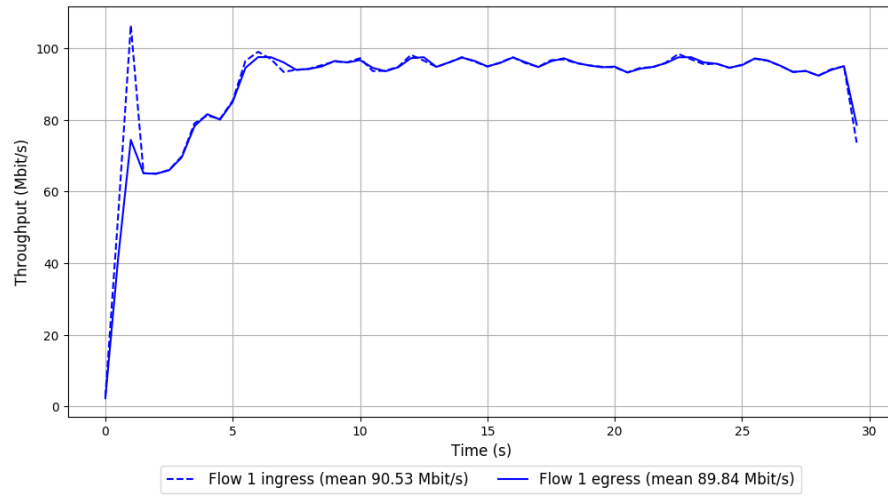


Run 5: Statistics of PCC

Start at: 2018-04-03 10:55:29
End at: 2018-04-03 10:55:59
Local clock offset: 0.524 ms
Remote clock offset: -1.467 ms

Below is generated by plot.py at 2018-04-03 13:33:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.84 Mbit/s
95th percentile per-packet one-way delay: 37.066 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 89.84 Mbit/s
95th percentile per-packet one-way delay: 37.066 ms
Loss rate: 0.76%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-04-03 11:20:31

End at: 2018-04-03 11:21:01

Local clock offset: 0.162 ms

Remote clock offset: 7.964 ms

Below is generated by plot.py at 2018-04-03 13:33:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.27 Mbit/s

95th percentile per-packet one-way delay: 37.462 ms

Loss rate: 0.73%

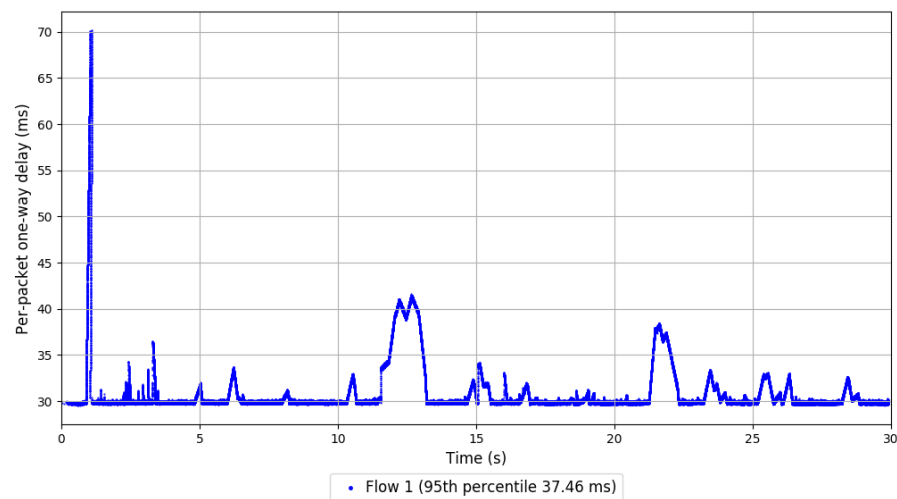
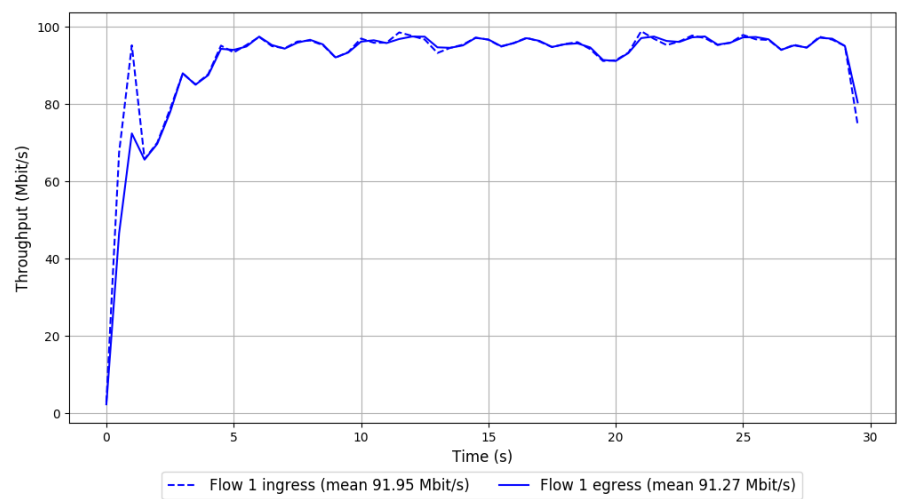
-- Flow 1:

Average throughput: 91.27 Mbit/s

95th percentile per-packet one-way delay: 37.462 ms

Loss rate: 0.73%

Run 6: Report of PCC — Data Link

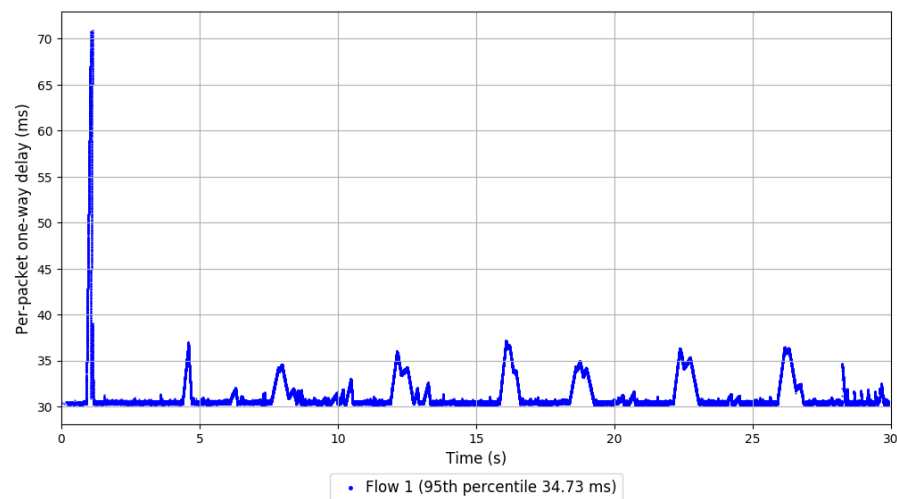
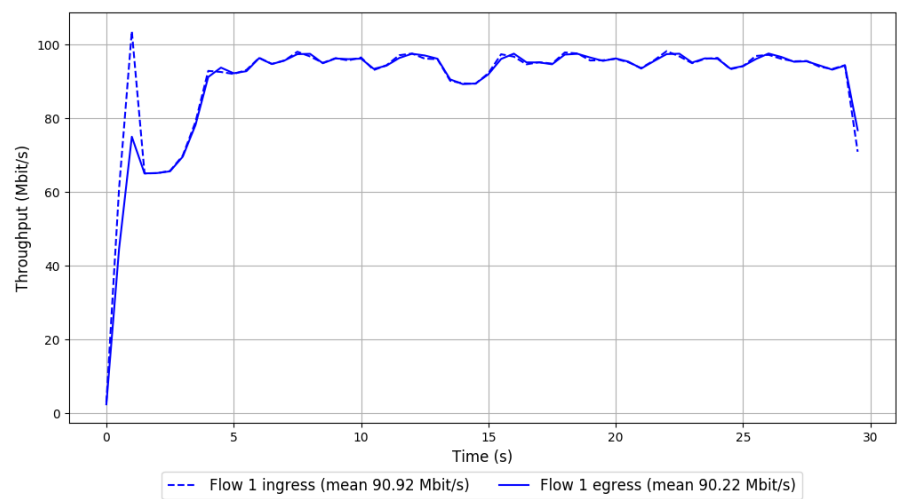


Run 7: Statistics of PCC

Start at: 2018-04-03 11:46:12
End at: 2018-04-03 11:46:42
Local clock offset: 0.243 ms
Remote clock offset: 11.366 ms

Below is generated by plot.py at 2018-04-03 13:33:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.22 Mbit/s
95th percentile per-packet one-way delay: 34.734 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 90.22 Mbit/s
95th percentile per-packet one-way delay: 34.734 ms
Loss rate: 0.76%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-04-03 12:10:35

End at: 2018-04-03 12:11:05

Local clock offset: 0.12 ms

Remote clock offset: 0.877 ms

Below is generated by plot.py at 2018-04-03 13:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.76 Mbit/s

95th percentile per-packet one-way delay: 39.248 ms

Loss rate: 0.74%

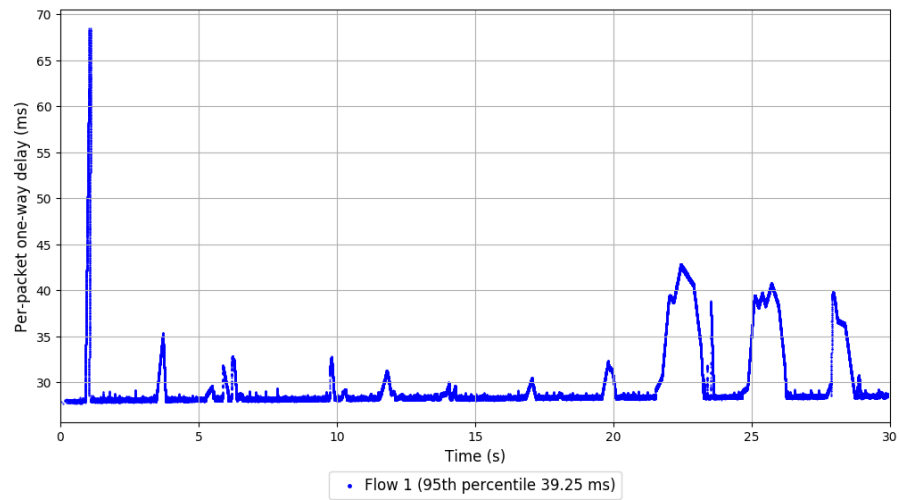
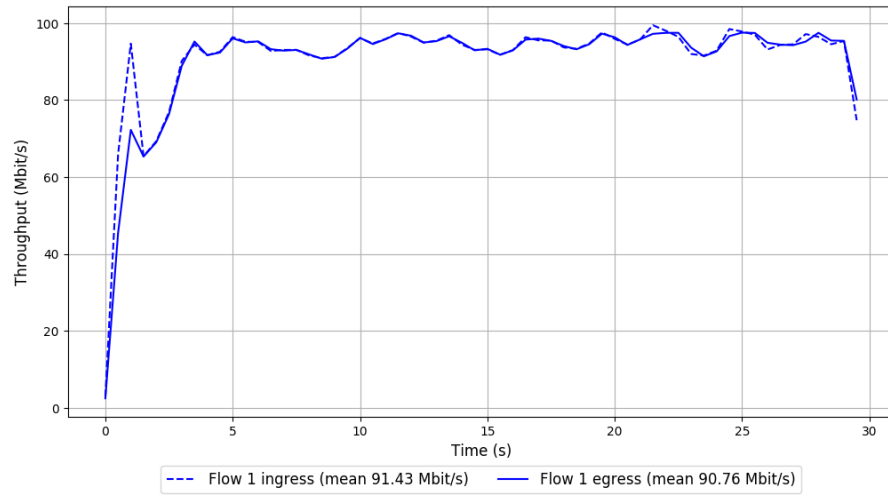
-- Flow 1:

Average throughput: 90.76 Mbit/s

95th percentile per-packet one-way delay: 39.248 ms

Loss rate: 0.74%

Run 8: Report of PCC — Data Link

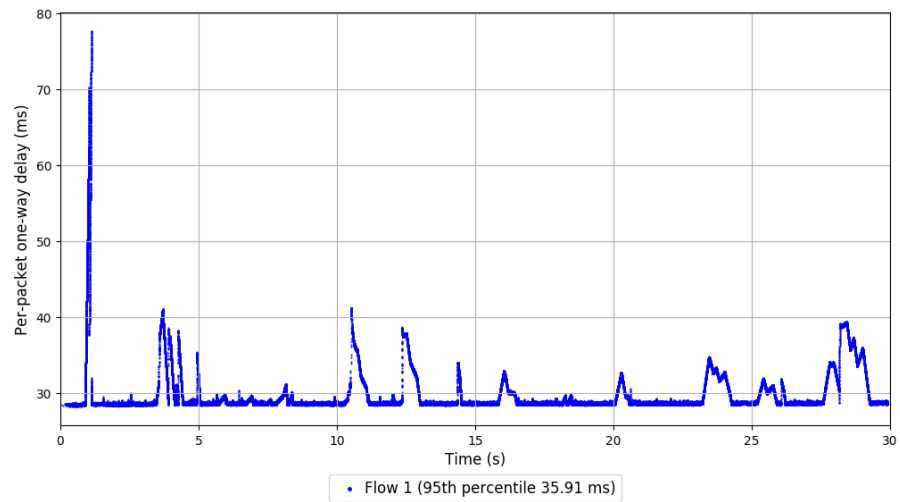
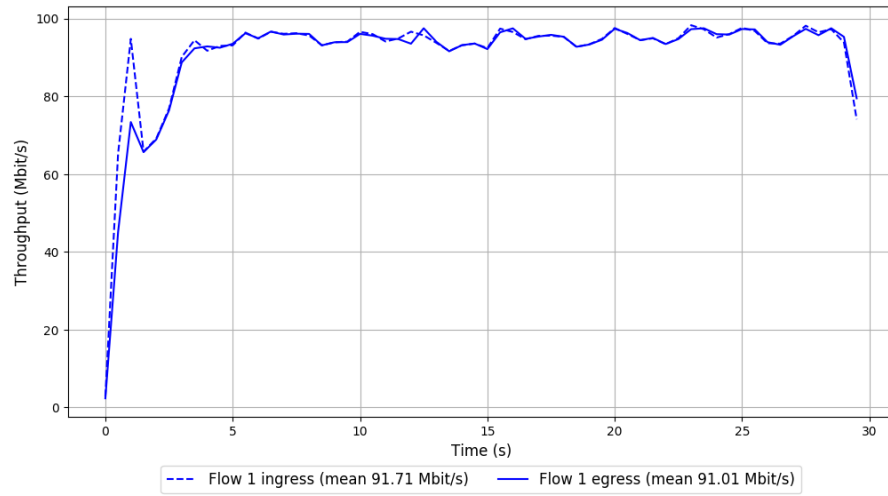


Run 9: Statistics of PCC

Start at: 2018-04-03 12:35:20
End at: 2018-04-03 12:35:50
Local clock offset: -0.116 ms
Remote clock offset: -9.447 ms

Below is generated by plot.py at 2018-04-03 13:34:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 35.909 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 35.909 ms
Loss rate: 0.76%

Run 9: Report of PCC — Data Link

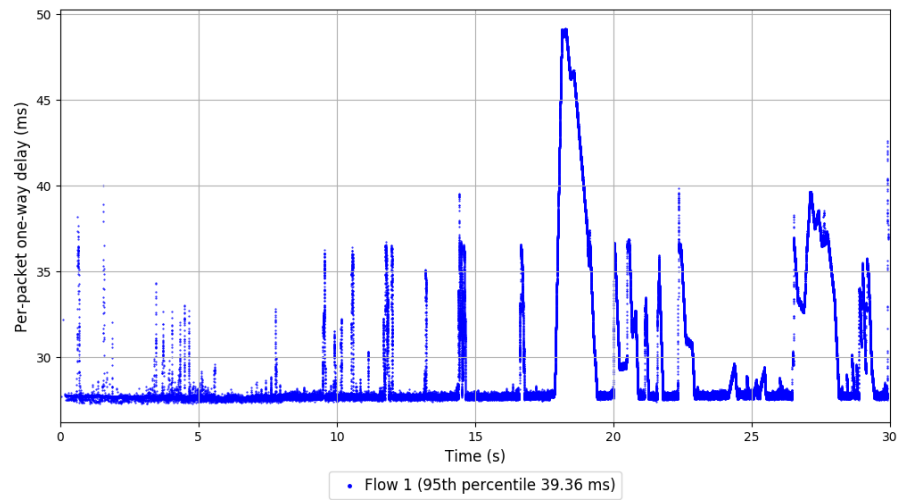
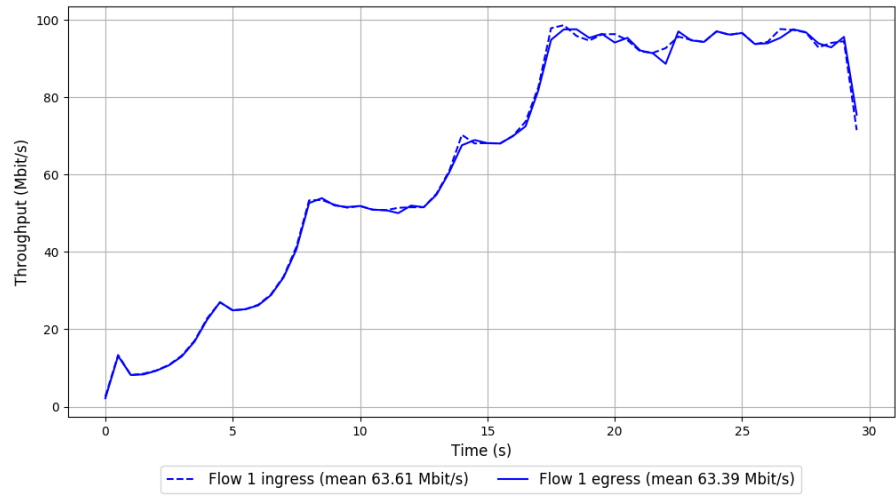


Run 10: Statistics of PCC

Start at: 2018-04-03 13:00:04
End at: 2018-04-03 13:00:34
Local clock offset: 0.051 ms
Remote clock offset: -7.136 ms

Below is generated by plot.py at 2018-04-03 13:34:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.39 Mbit/s
95th percentile per-packet one-way delay: 39.364 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 63.39 Mbit/s
95th percentile per-packet one-way delay: 39.364 ms
Loss rate: 0.31%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

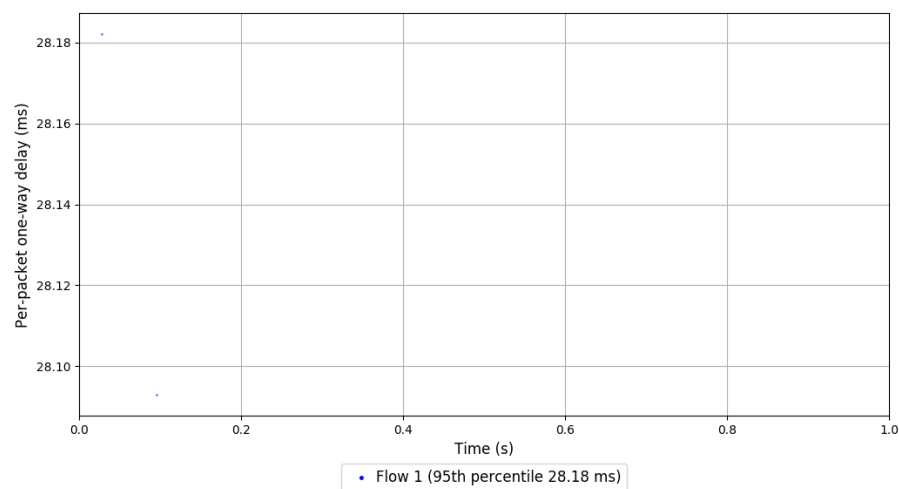
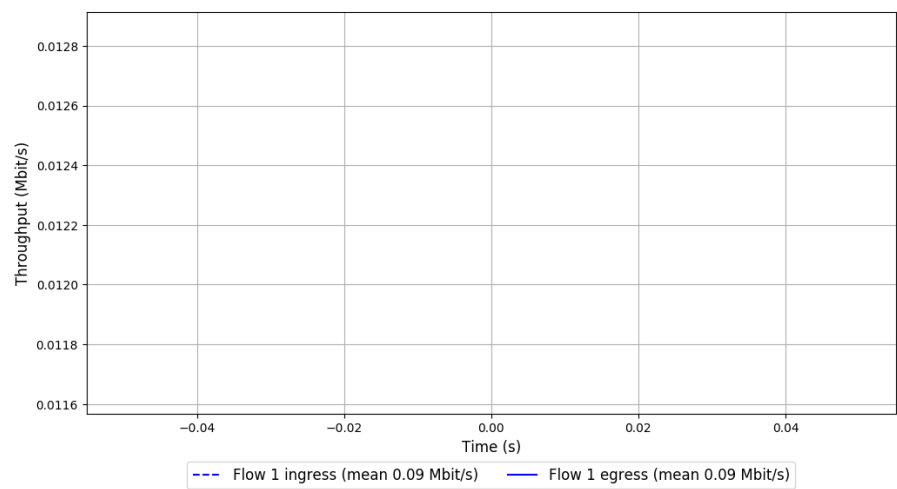
Start at: 2018-04-03 09:20:56

End at: 2018-04-03 09:21:26

Local clock offset: -0.146 ms

Remote clock offset: -3.16 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-04-03 09:46:08

End at: 2018-04-03 09:46:38

Local clock offset: 0.136 ms

Remote clock offset: -1.698 ms

Below is generated by plot.py at 2018-04-03 13:34:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.24 Mbit/s

95th percentile per-packet one-way delay: 30.025 ms

Loss rate: 0.01%

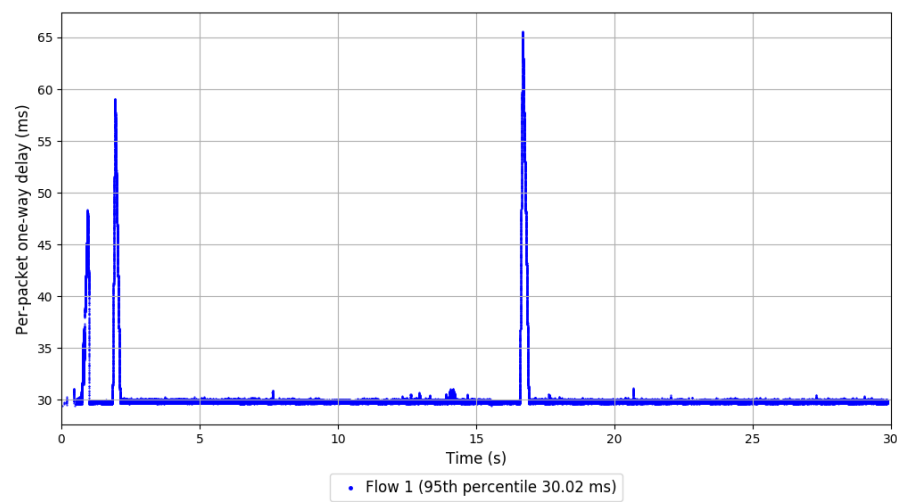
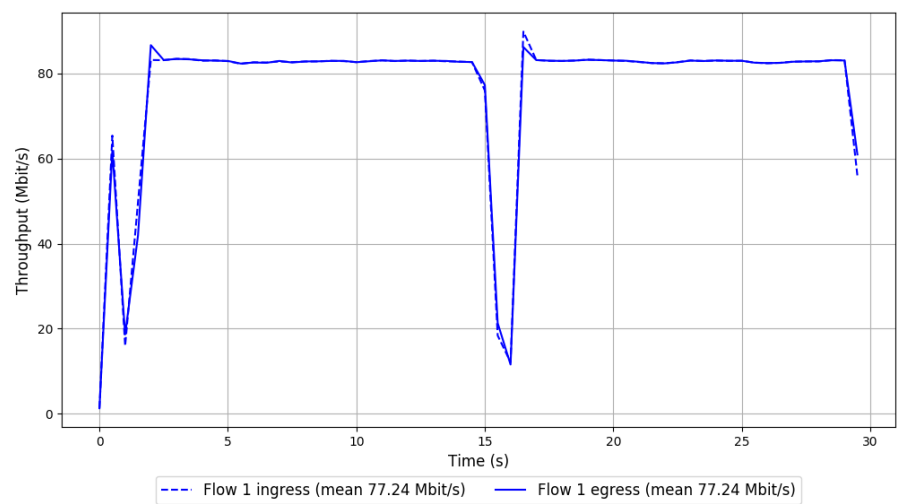
-- Flow 1:

Average throughput: 77.24 Mbit/s

95th percentile per-packet one-way delay: 30.025 ms

Loss rate: 0.01%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-04-03 10:10:26

End at: 2018-04-03 10:10:56

Local clock offset: 0.256 ms

Remote clock offset: -1.685 ms

Below is generated by plot.py at 2018-04-03 13:34:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.19 Mbit/s

95th percentile per-packet one-way delay: 35.111 ms

Loss rate: 0.07%

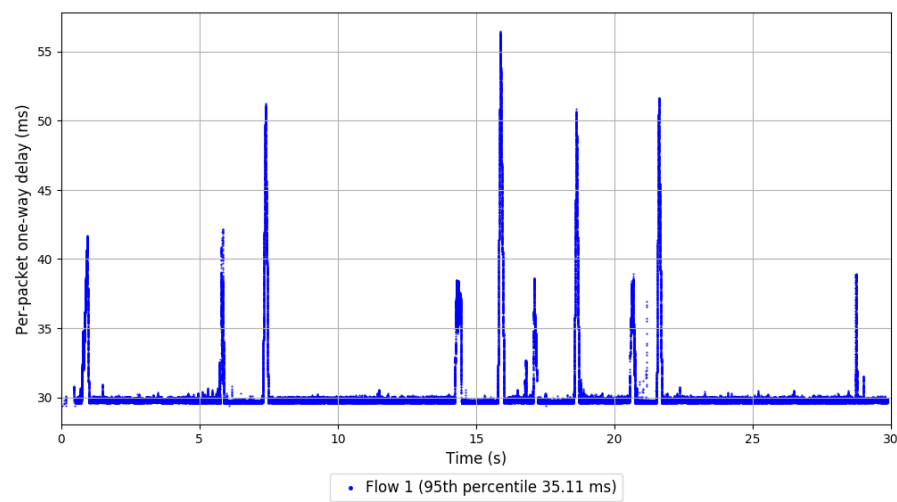
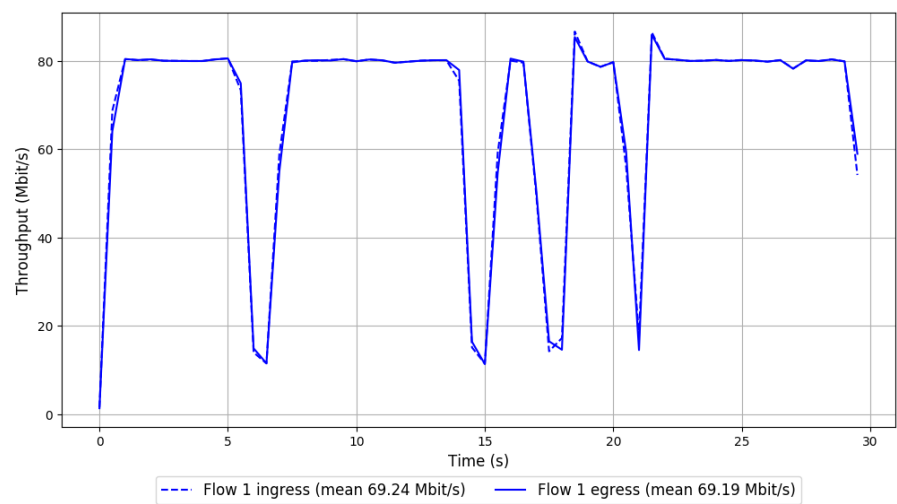
-- Flow 1:

Average throughput: 69.19 Mbit/s

95th percentile per-packet one-way delay: 35.111 ms

Loss rate: 0.07%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-04-03 10:35:13

End at: 2018-04-03 10:35:43

Local clock offset: 0.382 ms

Remote clock offset: -1.916 ms

Below is generated by plot.py at 2018-04-03 13:34:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.23 Mbit/s

95th percentile per-packet one-way delay: 61.804 ms

Loss rate: 0.53%

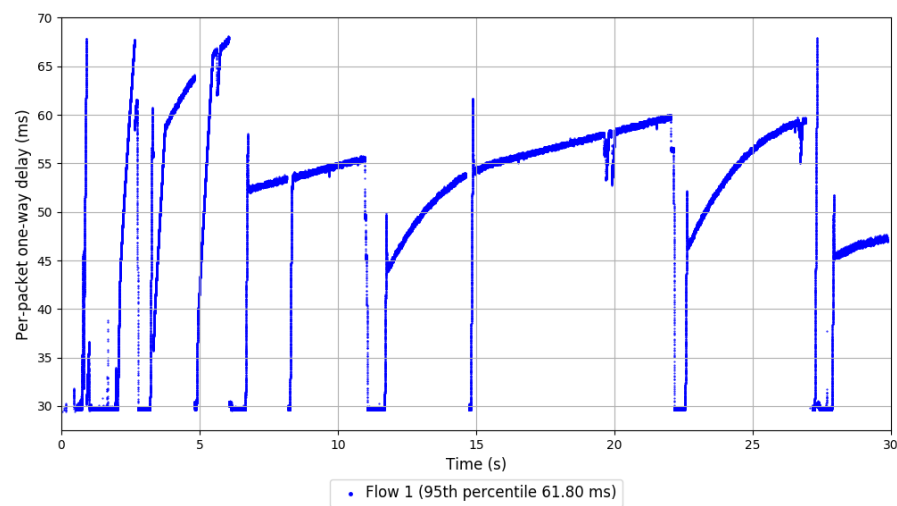
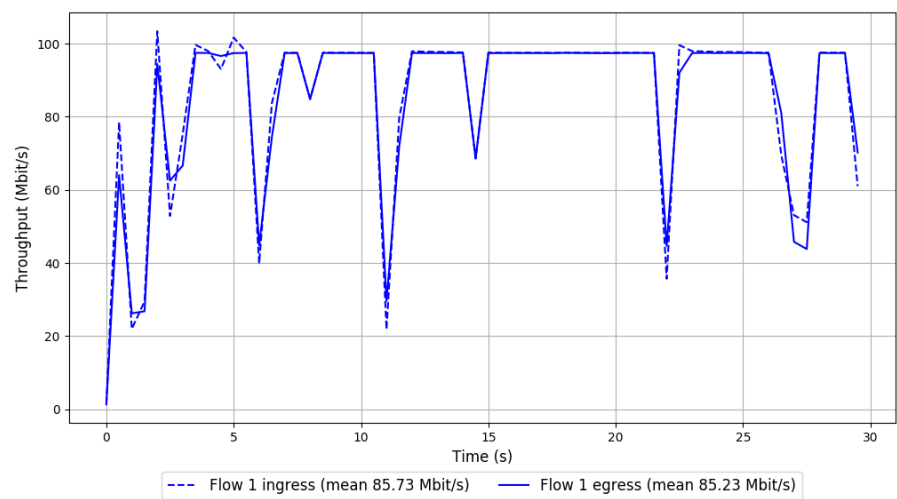
-- Flow 1:

Average throughput: 85.23 Mbit/s

95th percentile per-packet one-way delay: 61.804 ms

Loss rate: 0.53%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-04-03 11:00:47

End at: 2018-04-03 11:01:17

Local clock offset: 0.36 ms

Remote clock offset: 0.246 ms

Below is generated by plot.py at 2018-04-03 13:34:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.74 Mbit/s

95th percentile per-packet one-way delay: 46.158 ms

Loss rate: 0.62%

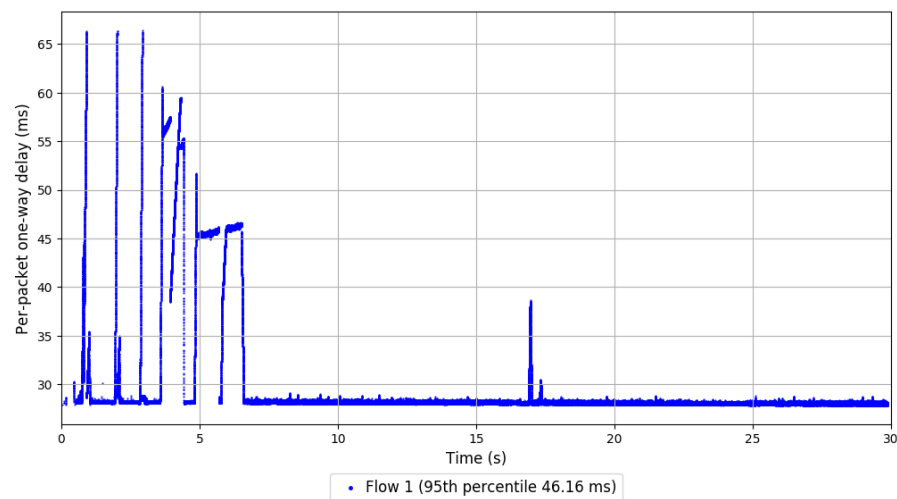
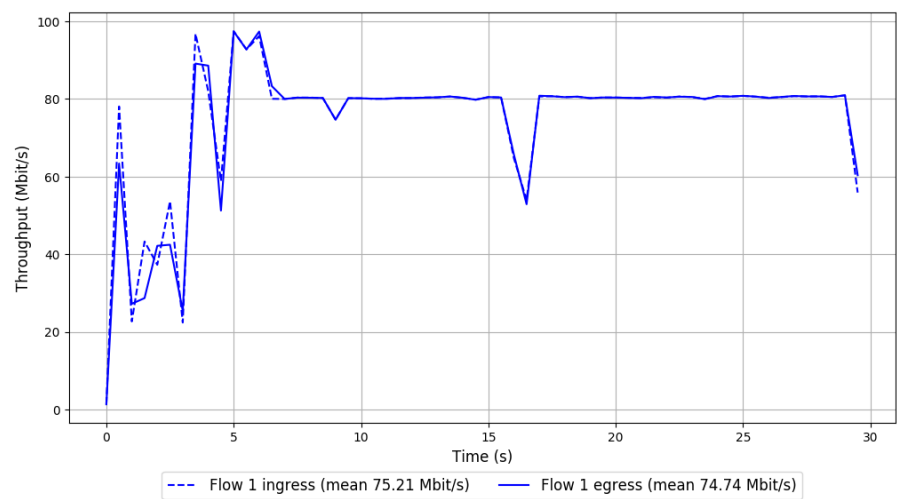
-- Flow 1:

Average throughput: 74.74 Mbit/s

95th percentile per-packet one-way delay: 46.158 ms

Loss rate: 0.62%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-04-03 11:25:54

End at: 2018-04-03 11:26:24

Local clock offset: 0.247 ms

Remote clock offset: 8.715 ms

Below is generated by plot.py at 2018-04-03 13:34:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.37 Mbit/s

95th percentile per-packet one-way delay: 32.817 ms

Loss rate: 0.08%

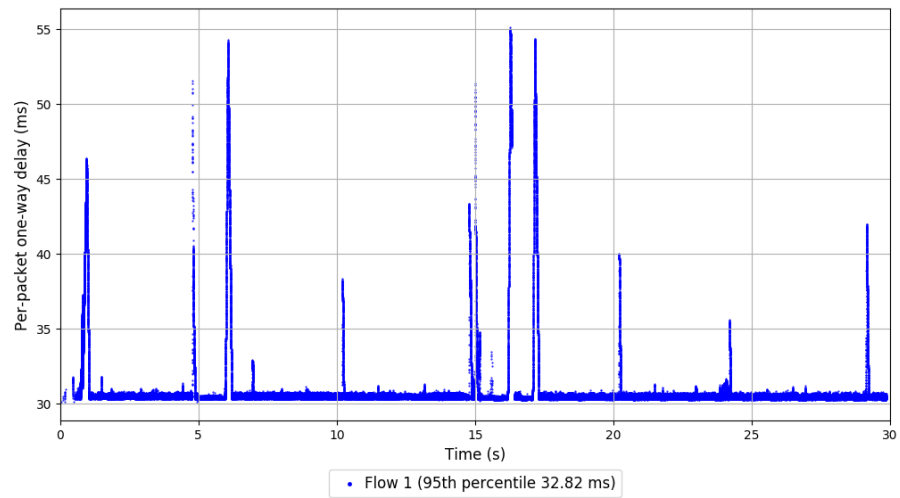
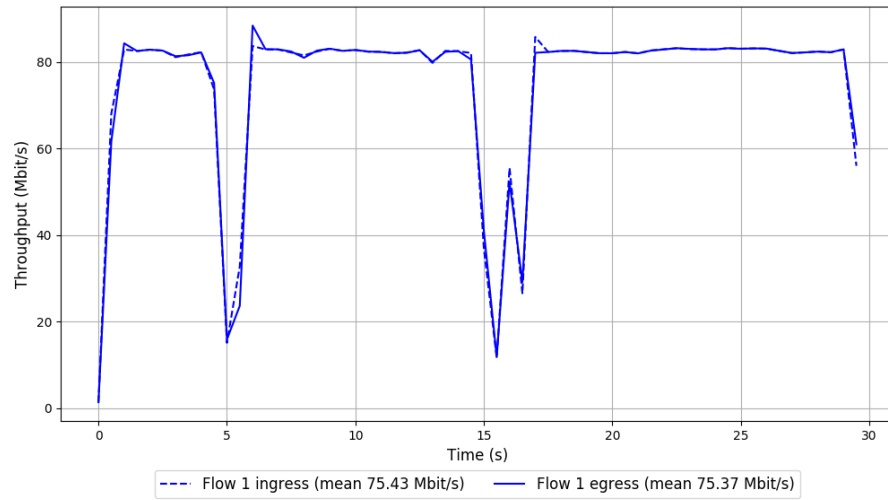
-- Flow 1:

Average throughput: 75.37 Mbit/s

95th percentile per-packet one-way delay: 32.817 ms

Loss rate: 0.08%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-04-03 11:51:27

End at: 2018-04-03 11:51:57

Local clock offset: 0.211 ms

Remote clock offset: 12.001 ms

Below is generated by plot.py at 2018-04-03 13:34:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.99 Mbit/s

95th percentile per-packet one-way delay: 30.736 ms

Loss rate: 0.33%

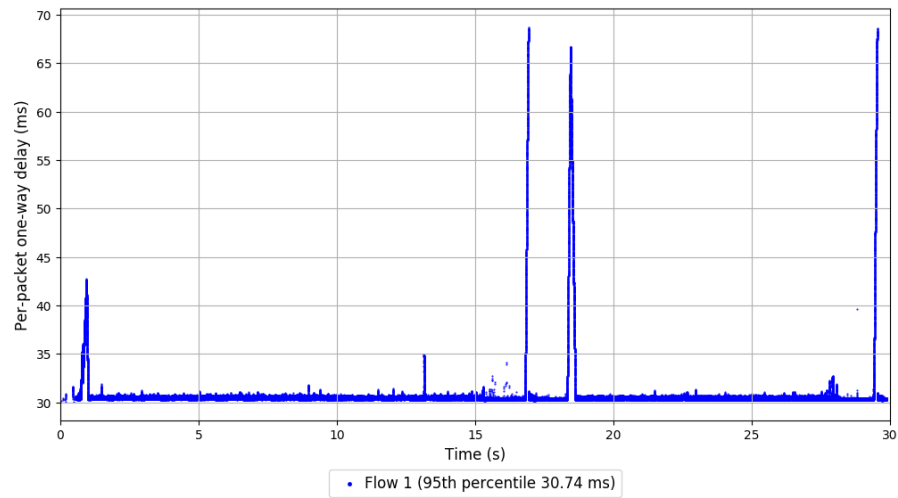
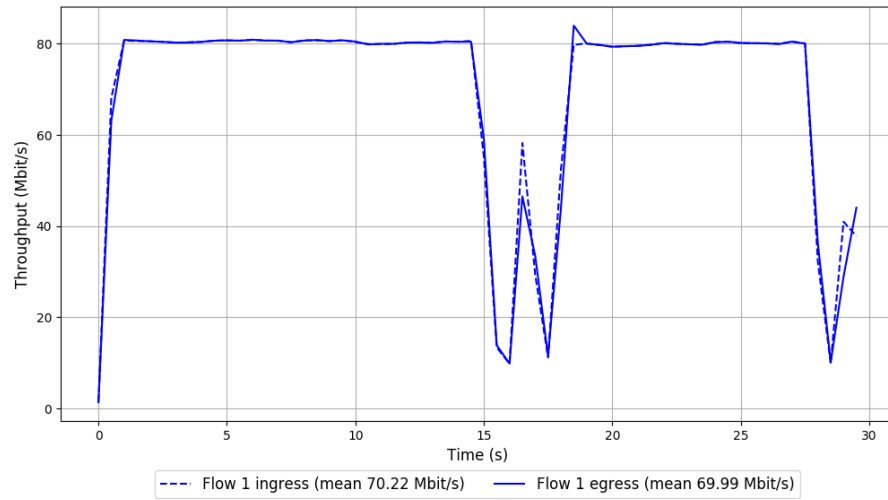
-- Flow 1:

Average throughput: 69.99 Mbit/s

95th percentile per-packet one-way delay: 30.736 ms

Loss rate: 0.33%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-04-03 12:15:52

End at: 2018-04-03 12:16:22

Local clock offset: -0.002 ms

Remote clock offset: -1.093 ms

Below is generated by plot.py at 2018-04-03 13:35:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.95 Mbit/s

95th percentile per-packet one-way delay: 30.415 ms

Loss rate: 0.04%

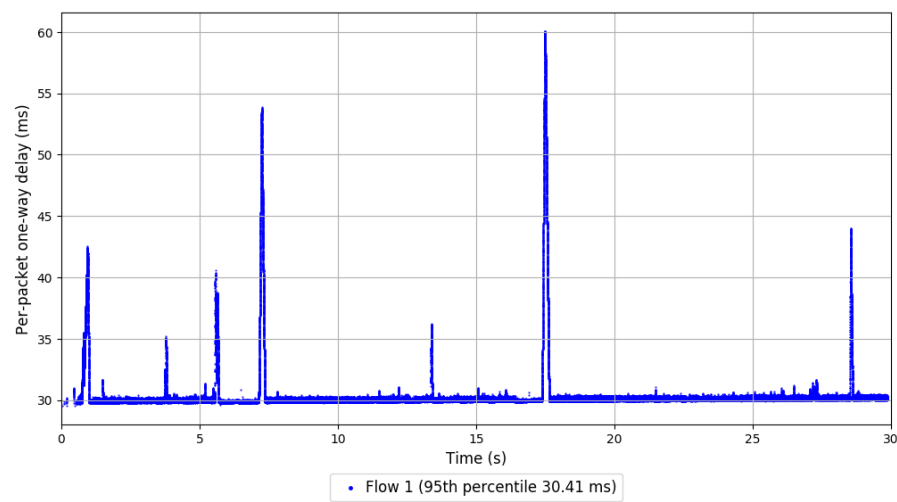
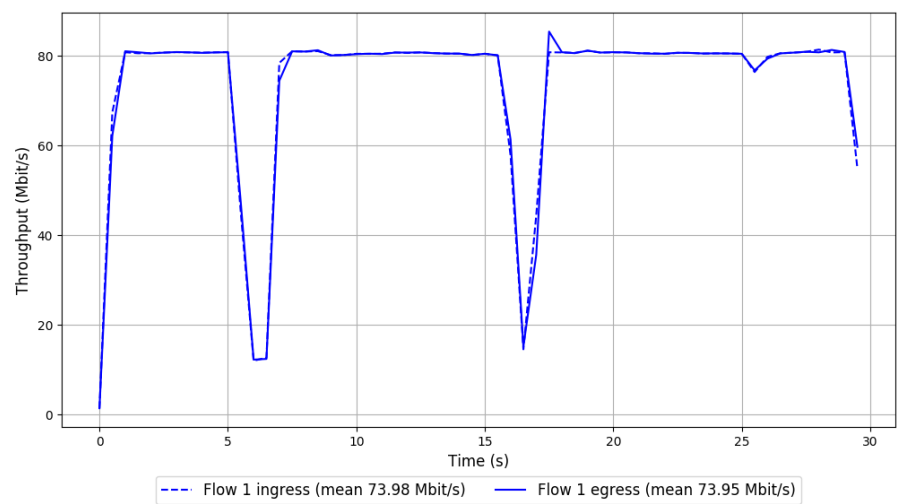
-- Flow 1:

Average throughput: 73.95 Mbit/s

95th percentile per-packet one-way delay: 30.415 ms

Loss rate: 0.04%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-04-03 12:40:35

End at: 2018-04-03 12:41:05

Local clock offset: -0.11 ms

Remote clock offset: -8.532 ms

Below is generated by plot.py at 2018-04-03 13:35:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.91 Mbit/s

95th percentile per-packet one-way delay: 61.834 ms

Loss rate: 0.73%

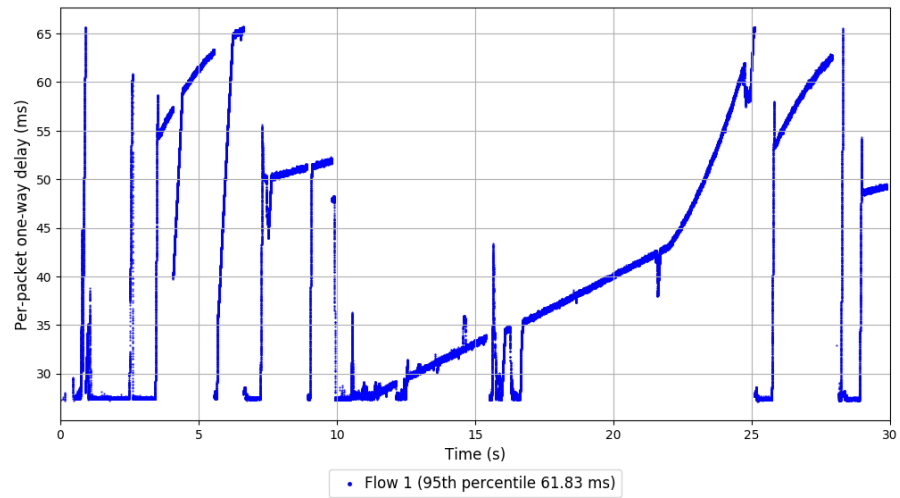
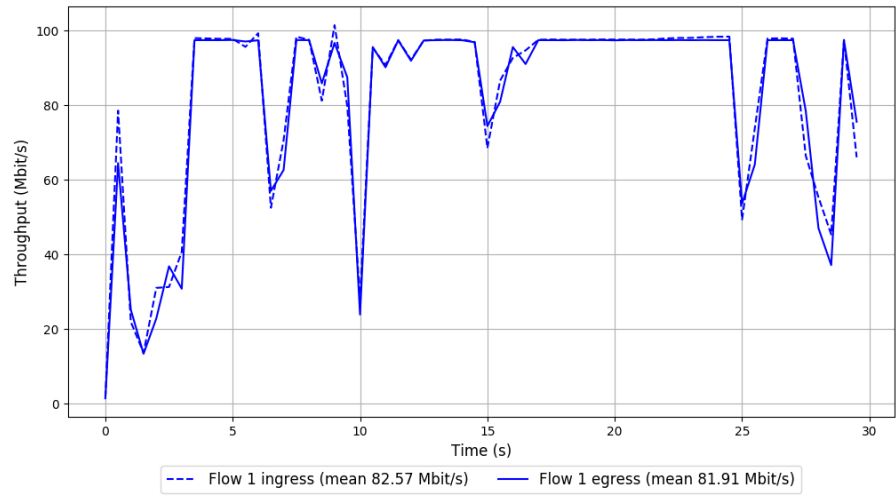
-- Flow 1:

Average throughput: 81.91 Mbit/s

95th percentile per-packet one-way delay: 61.834 ms

Loss rate: 0.73%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-04-03 13:05:17

End at: 2018-04-03 13:05:47

Local clock offset: 0.053 ms

Remote clock offset: -7.514 ms

Below is generated by plot.py at 2018-04-03 13:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.42 Mbit/s

95th percentile per-packet one-way delay: 27.981 ms

Loss rate: 0.10%

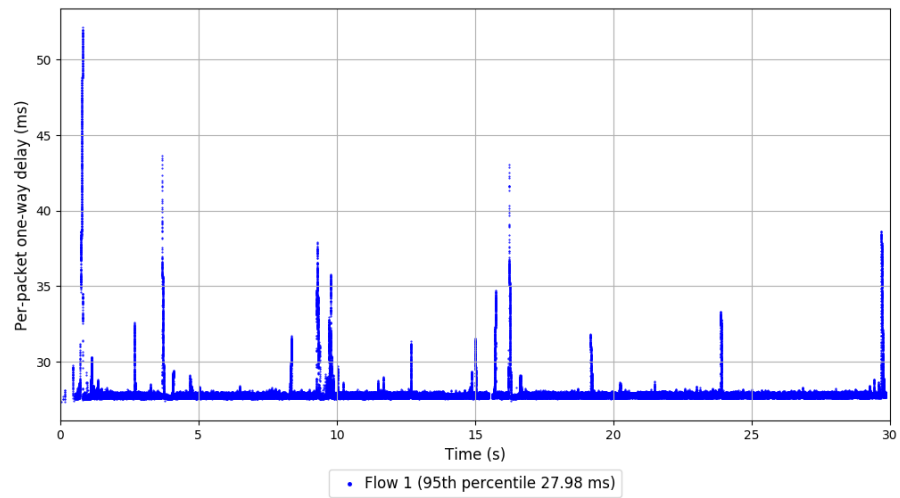
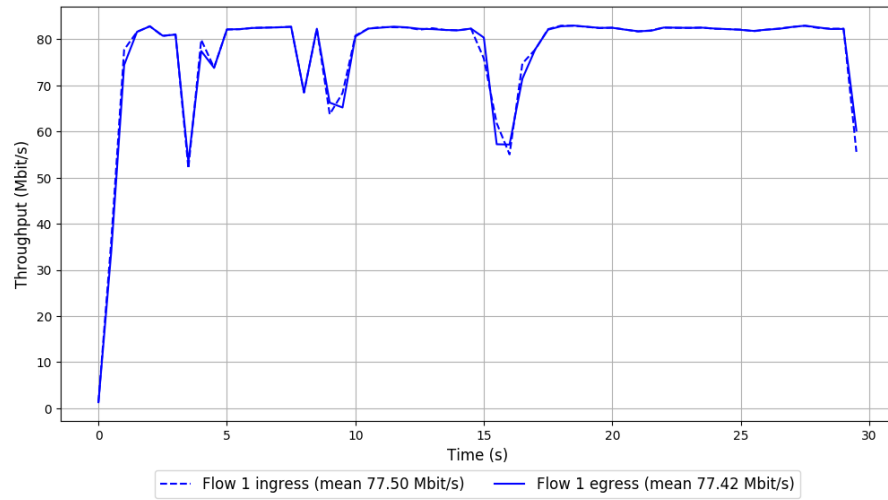
-- Flow 1:

Average throughput: 77.42 Mbit/s

95th percentile per-packet one-way delay: 27.981 ms

Loss rate: 0.10%

Run 10: Report of QUIC Cubic — Data Link

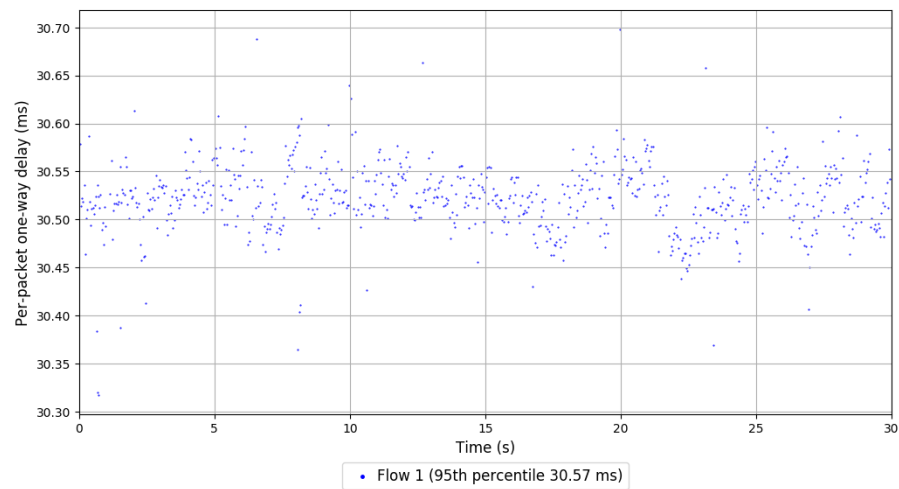
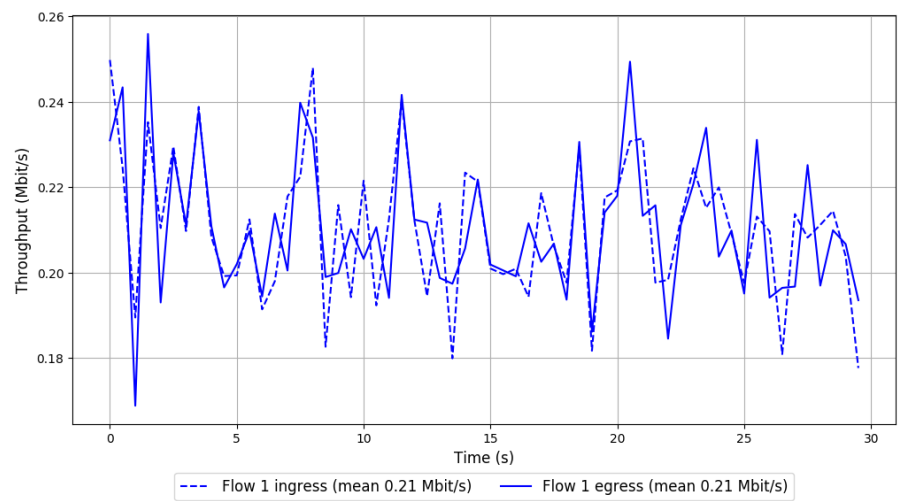


```
Run 1: Statistics of SCReAM

Start at: 2018-04-03 09:11:34
End at: 2018-04-03 09:12:04
Local clock offset: -0.396 ms
Remote clock offset: -0.41 ms

# Below is generated by plot.py at 2018-04-03 13:35:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.575 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.575 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

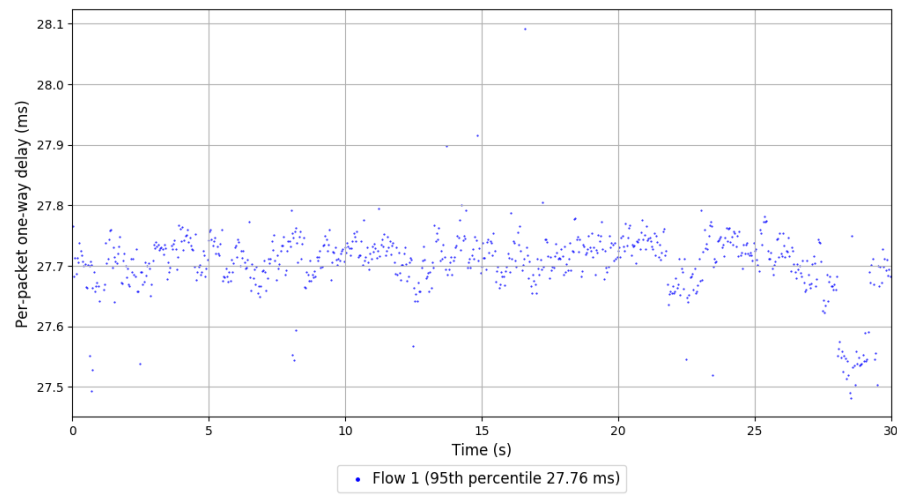
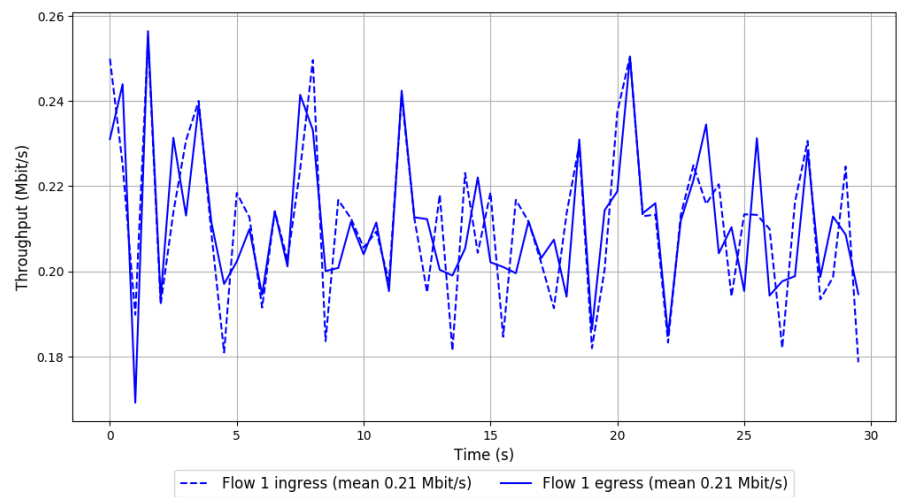


Run 2: Statistics of SCReAM

Start at: 2018-04-03 09:36:45
End at: 2018-04-03 09:37:15
Local clock offset: -0.031 ms
Remote clock offset: -3.706 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 27.761 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 27.761 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

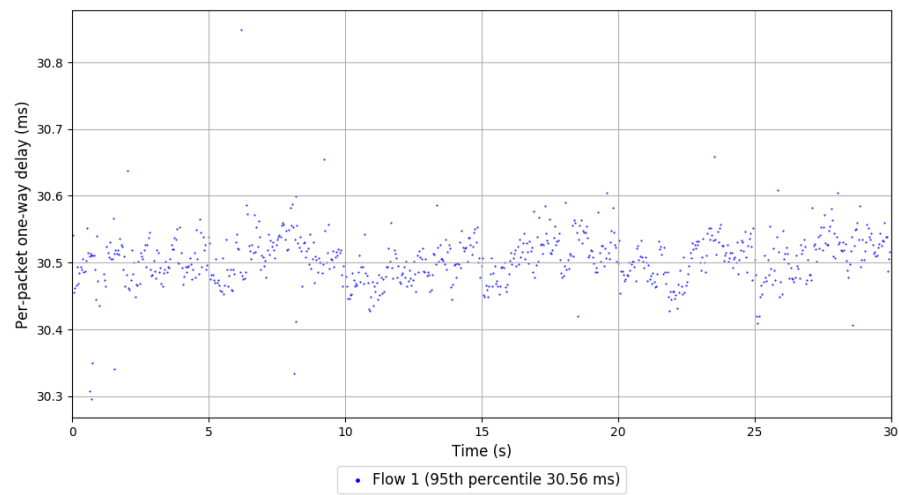
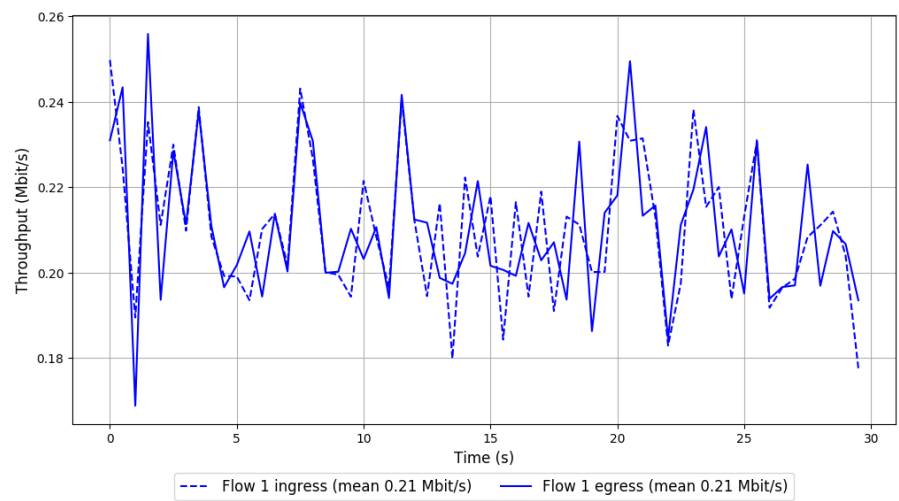


Run 3: Statistics of SCReAM

Start at: 2018-04-03 10:01:14
End at: 2018-04-03 10:01:44
Local clock offset: 0.114 ms
Remote clock offset: -1.609 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.557 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.557 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

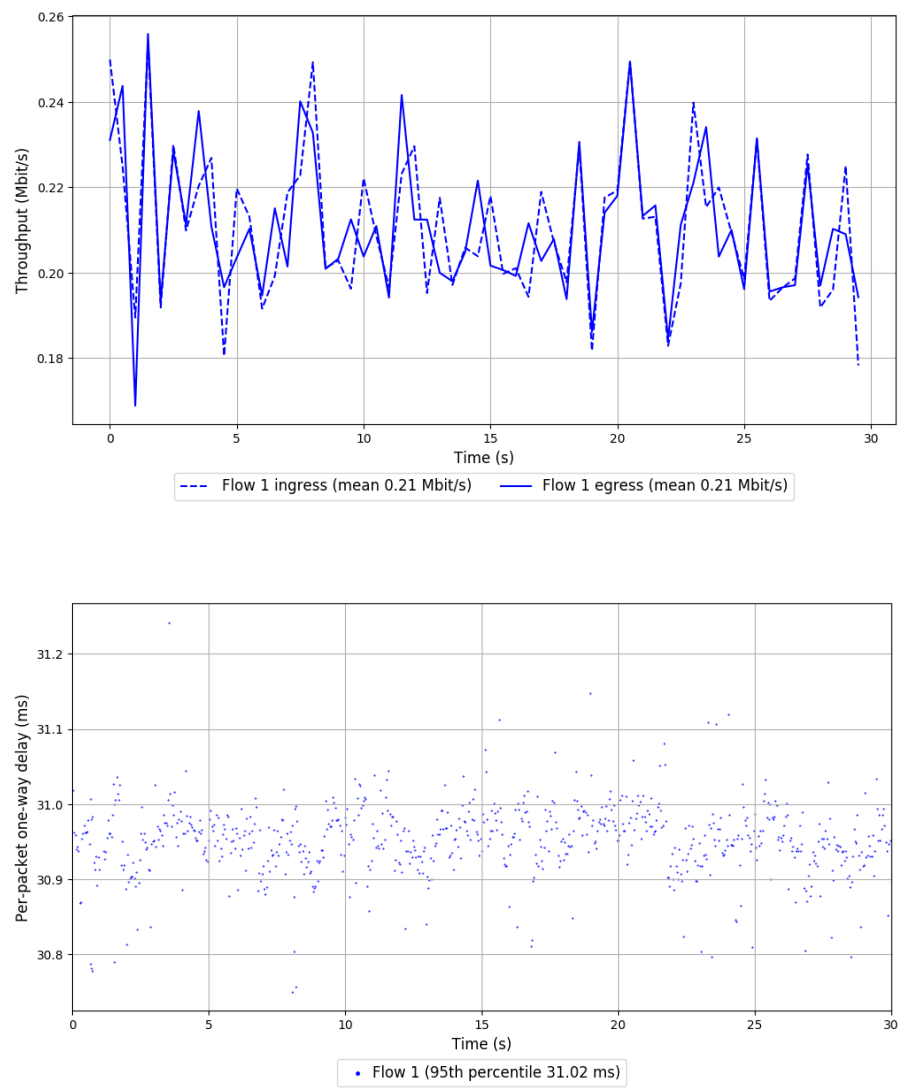


Run 4: Statistics of SCReAM

Start at: 2018-04-03 10:25:53
End at: 2018-04-03 10:26:23
Local clock offset: 0.356 ms
Remote clock offset: -1.323 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.016 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.016 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

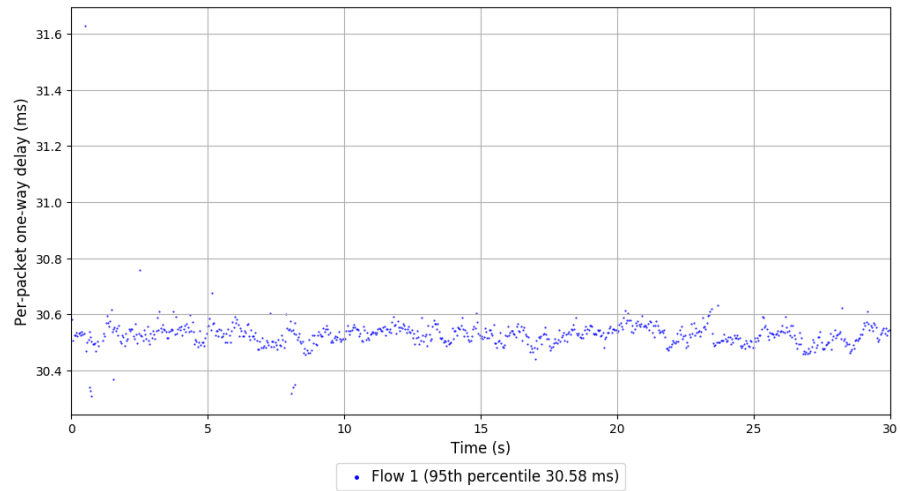
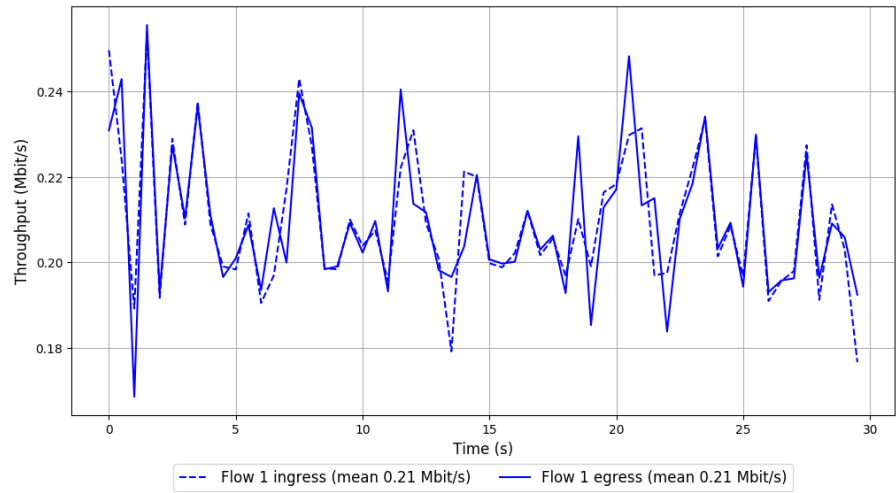


Run 5: Statistics of SCReAM

Start at: 2018-04-03 10:51:17
End at: 2018-04-03 10:51:47
Local clock offset: 0.409 ms
Remote clock offset: -2.108 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.579 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.579 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-04-03 11:16:07

End at: 2018-04-03 11:16:37

Local clock offset: 0.228 ms

Remote clock offset: 5.035 ms

Below is generated by plot.py at 2018-04-03 13:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 28.250 ms

Loss rate: 0.00%

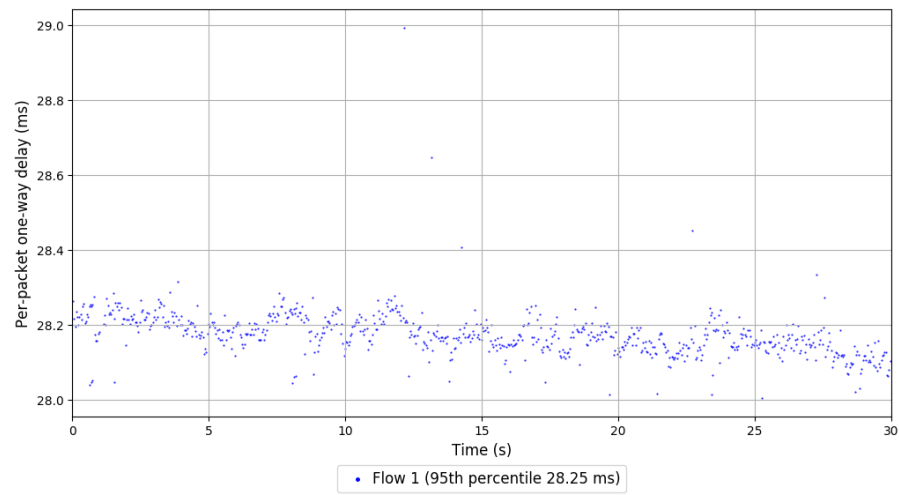
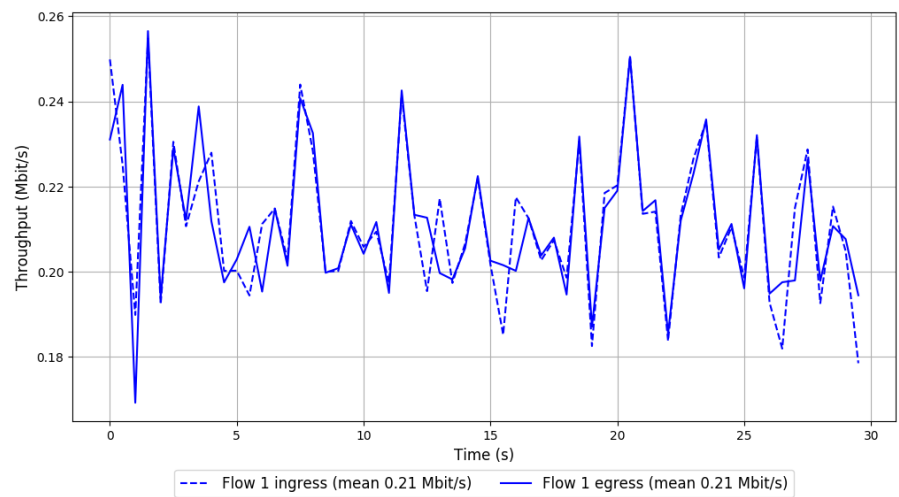
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 28.250 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

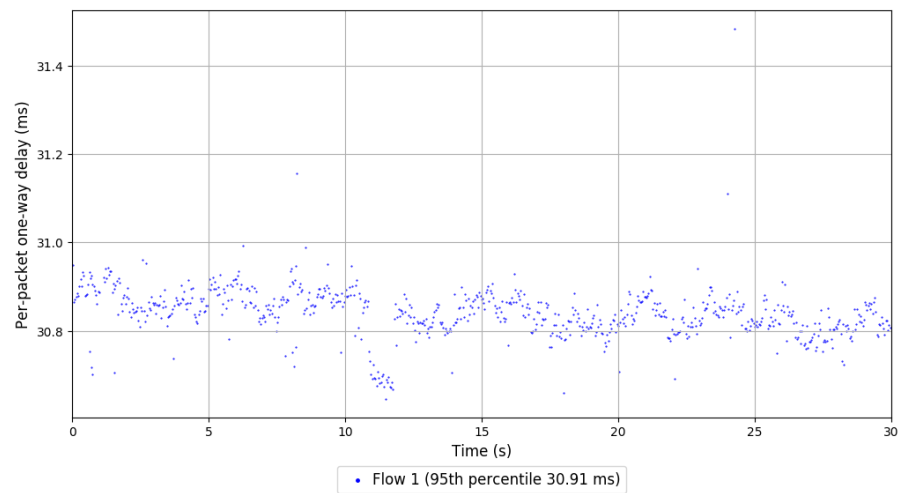
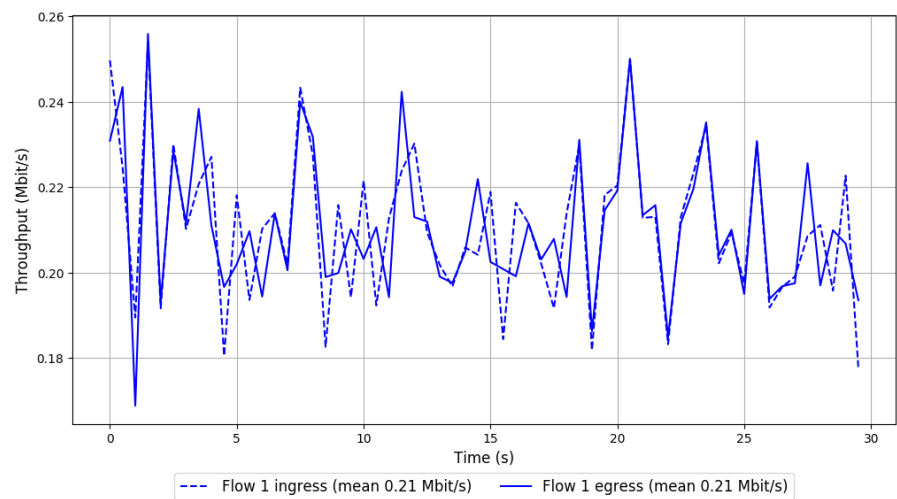


Run 7: Statistics of SCReAM

Start at: 2018-04-03 11:42:06
End at: 2018-04-03 11:42:36
Local clock offset: 0.264 ms
Remote clock offset: 11.352 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.915 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.915 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-04-03 12:06:29

End at: 2018-04-03 12:06:59

Local clock offset: 0.251 ms

Remote clock offset: 7.723 ms

Below is generated by plot.py at 2018-04-03 13:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.906 ms

Loss rate: 0.00%

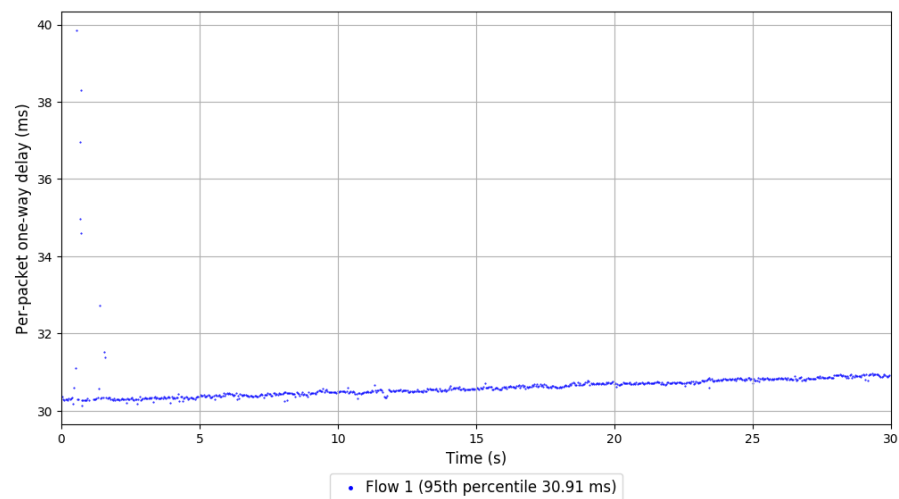
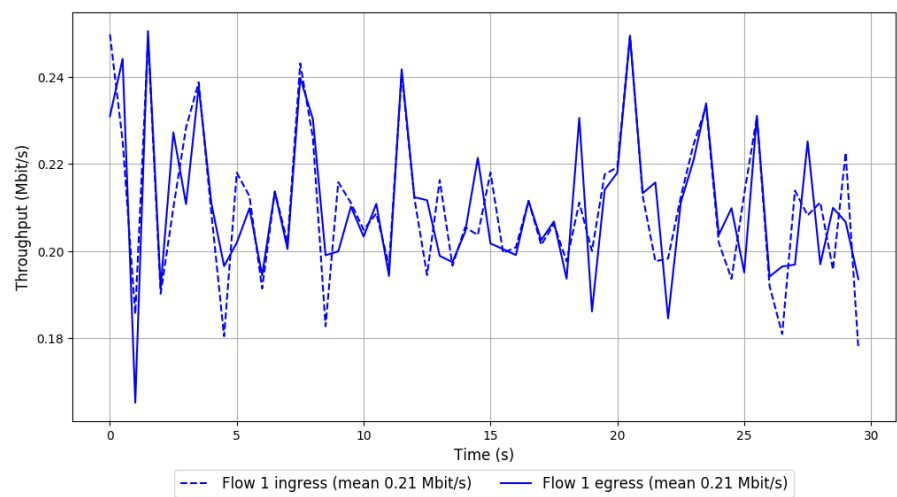
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.906 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

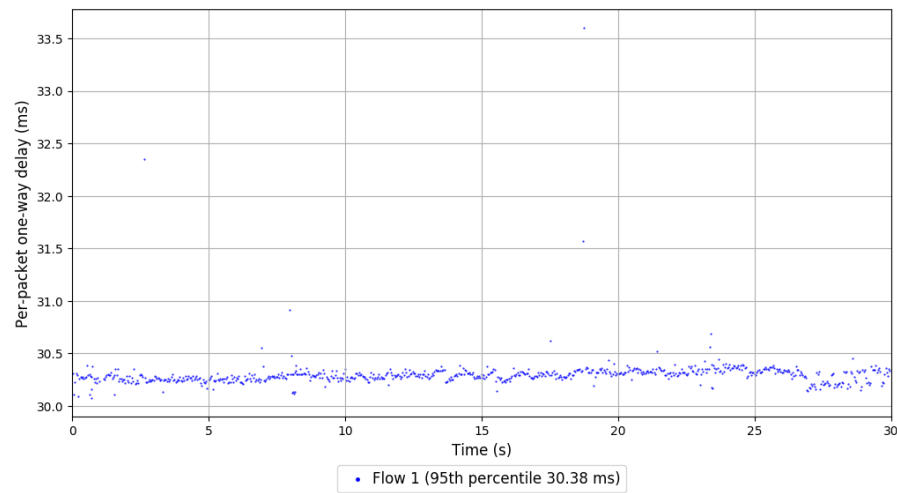
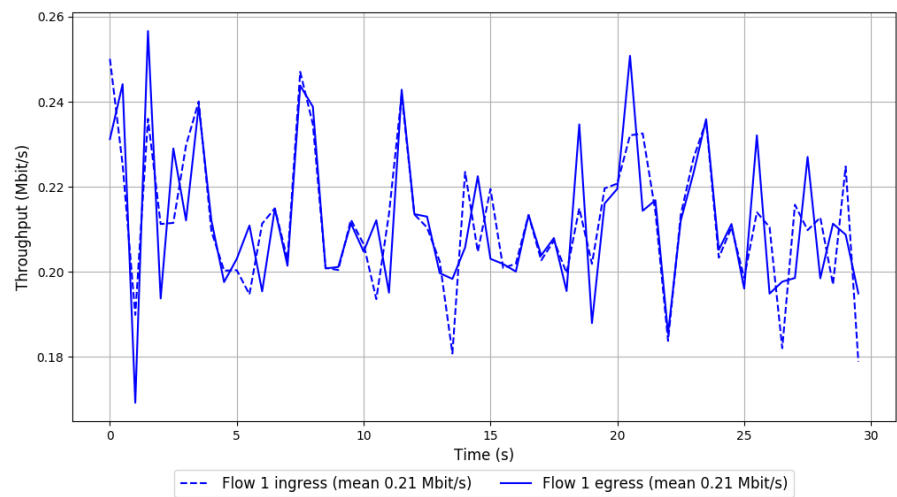


Run 9: Statistics of SCReAM

Start at: 2018-04-03 12:31:14
End at: 2018-04-03 12:31:44
Local clock offset: -0.117 ms
Remote clock offset: -6.081 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.377 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.377 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

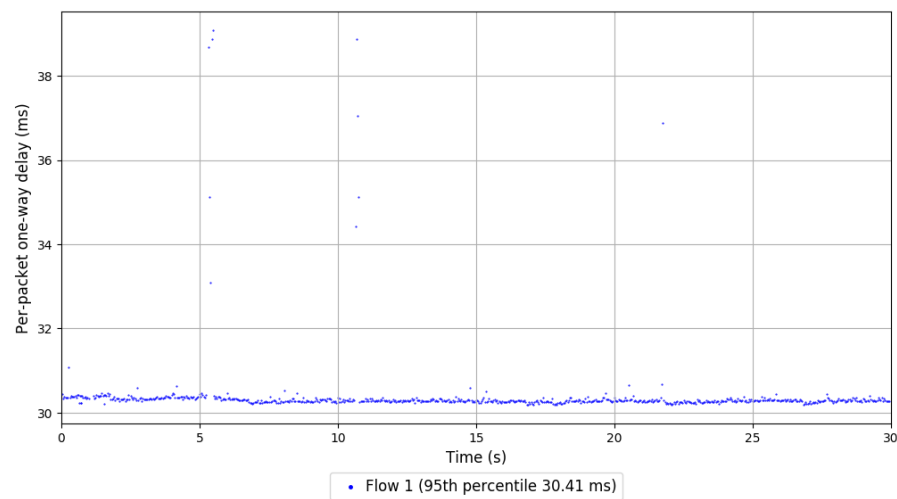
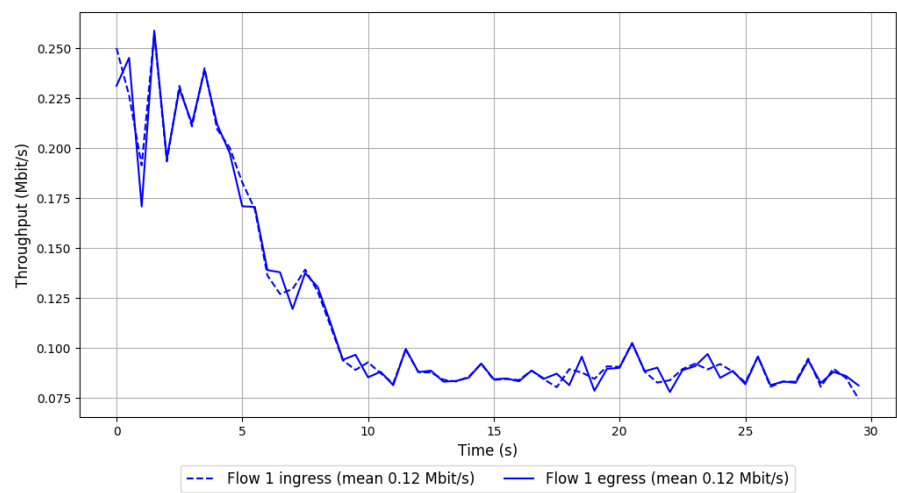


Run 10: Statistics of SCReAM

Start at: 2018-04-03 12:56:00
End at: 2018-04-03 12:56:30
Local clock offset: -0.033 ms
Remote clock offset: -4.335 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 30.415 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 30.415 ms
Loss rate: 0.23%

Run 10: Report of SReAM — Data Link

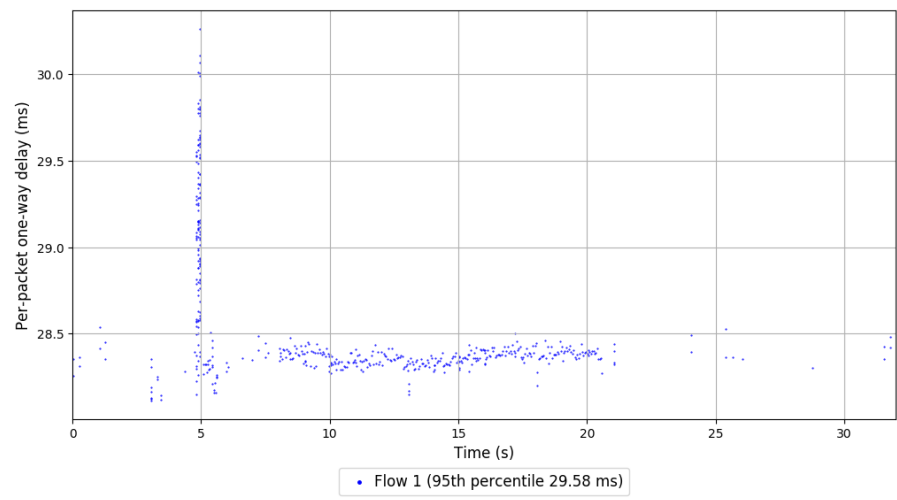
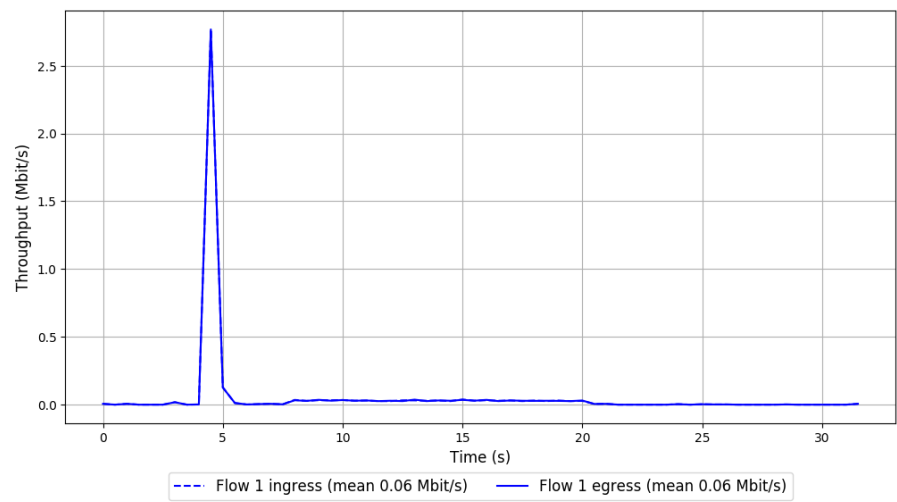


```
Run 1: Statistics of WebRTC media

Start at: 2018-04-03 09:18:19
End at: 2018-04-03 09:18:49
Local clock offset: -0.313 ms
Remote clock offset: -3.046 ms

# Below is generated by plot.py at 2018-04-03 13:35:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 29.584 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 29.584 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

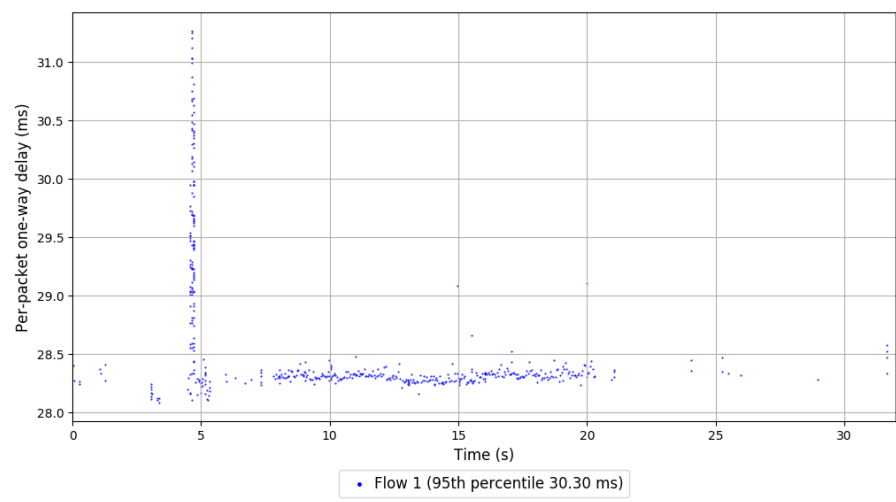
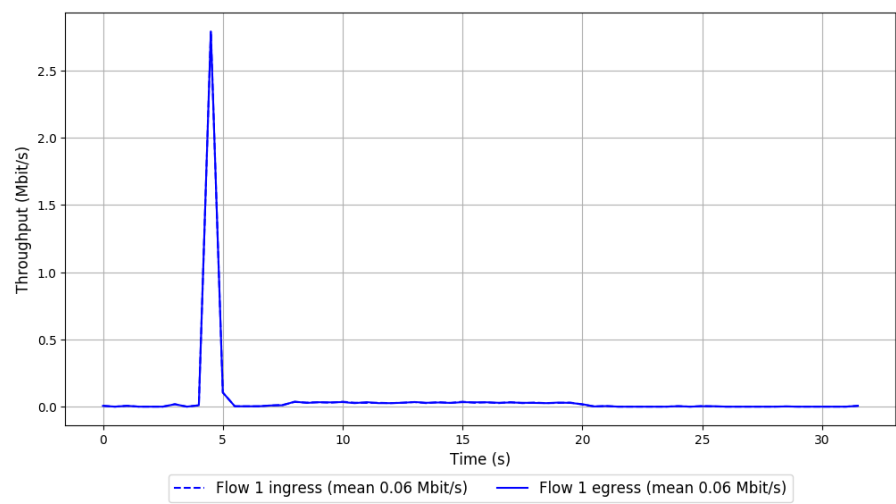


Run 2: Statistics of WebRTC media

Start at: 2018-04-03 09:43:32
End at: 2018-04-03 09:44:02
Local clock offset: 0.088 ms
Remote clock offset: -3.716 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.300 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.300 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

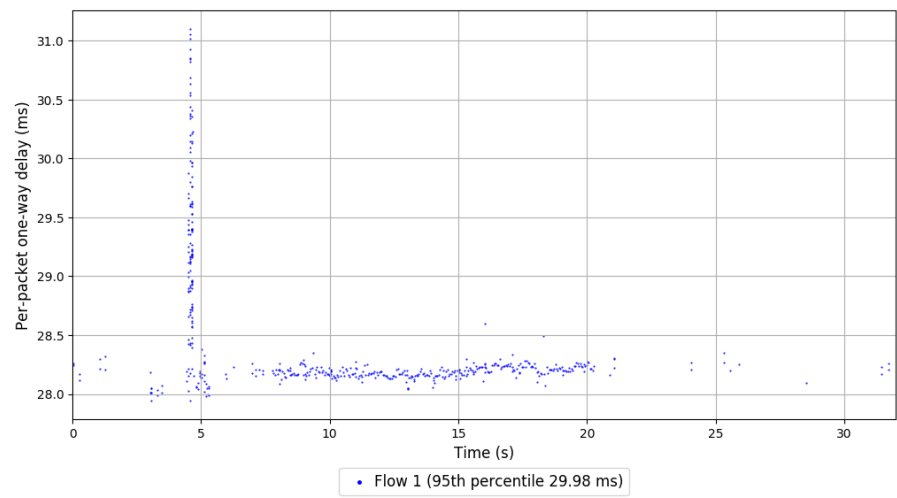
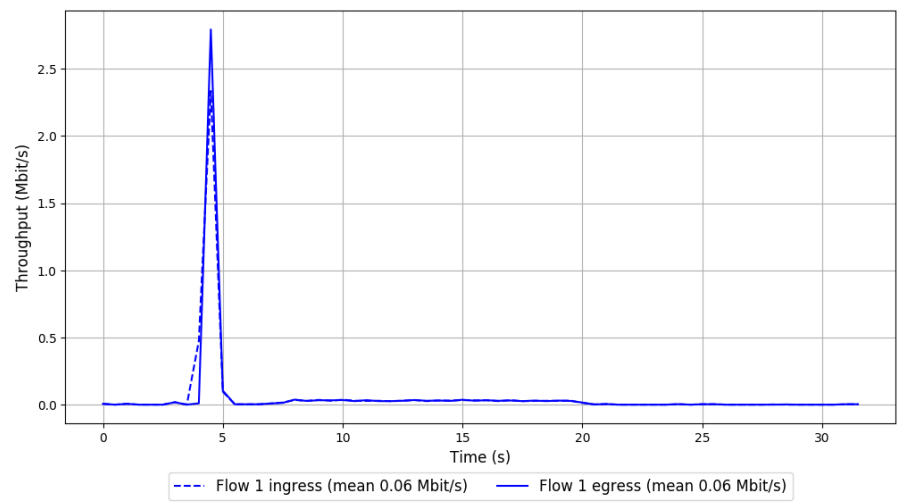


Run 3: Statistics of WebRTC media

Start at: 2018-04-03 10:07:48
End at: 2018-04-03 10:08:18
Local clock offset: 0.24 ms
Remote clock offset: -3.765 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 29.982 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 29.982 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-04-03 10:32:36

End at: 2018-04-03 10:33:06

Local clock offset: 0.32 ms

Remote clock offset: -3.95 ms

Below is generated by plot.py at 2018-04-03 13:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 29.527 ms

Loss rate: 0.00%

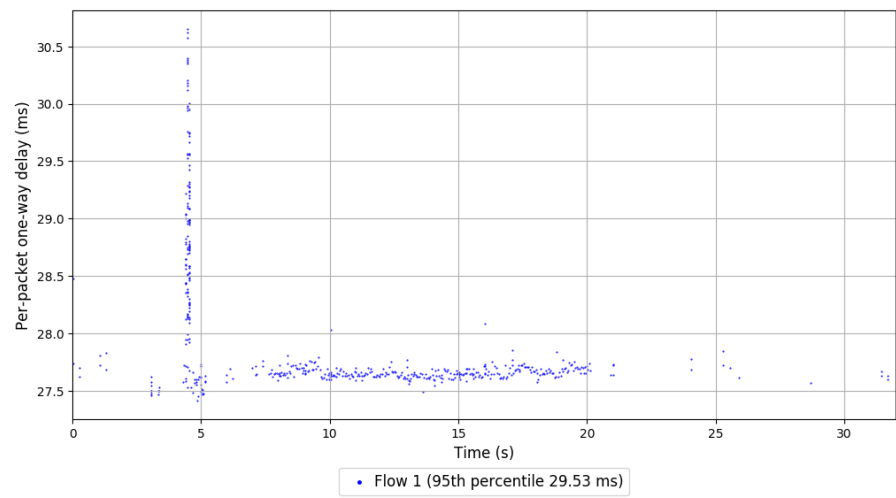
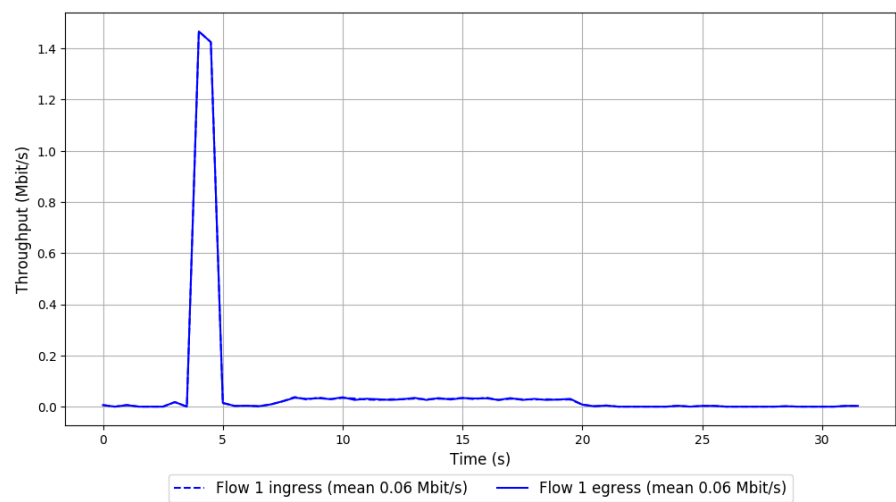
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 29.527 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

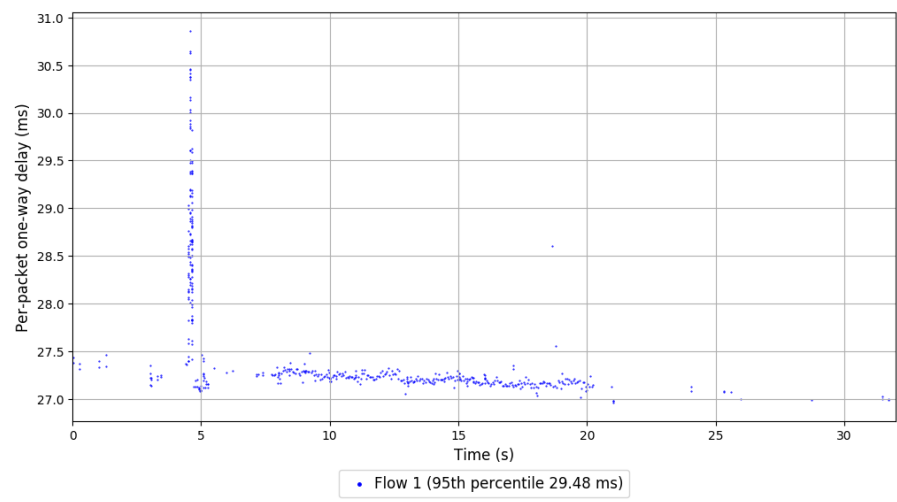
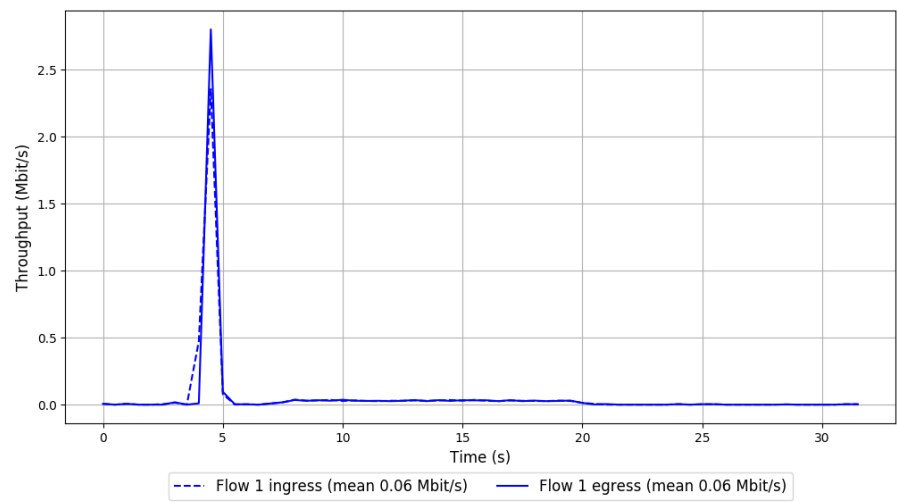


Run 5: Statistics of WebRTC media

Start at: 2018-04-03 10:58:09
End at: 2018-04-03 10:58:39
Local clock offset: 0.473 ms
Remote clock offset: -1.375 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 29.476 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 29.476 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-04-03 11:23:14

End at: 2018-04-03 11:23:44

Local clock offset: 0.306 ms

Remote clock offset: 8.365 ms

Below is generated by plot.py at 2018-04-03 13:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 32.092 ms

Loss rate: 0.00%

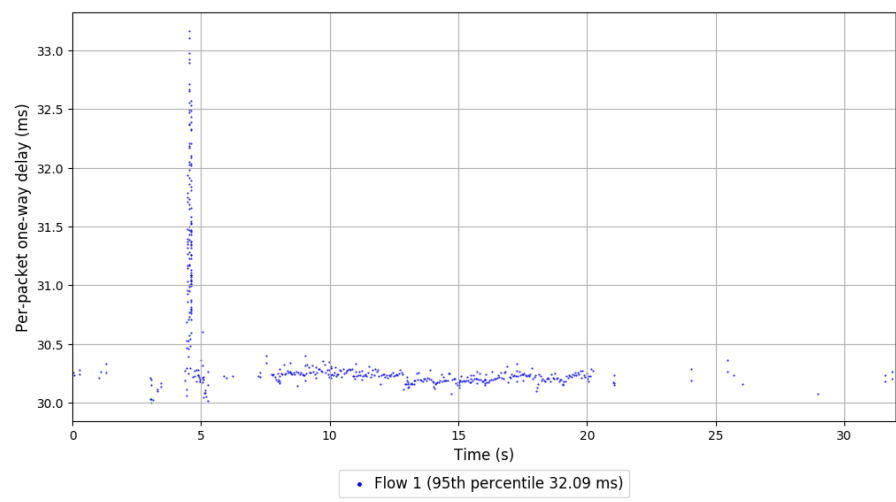
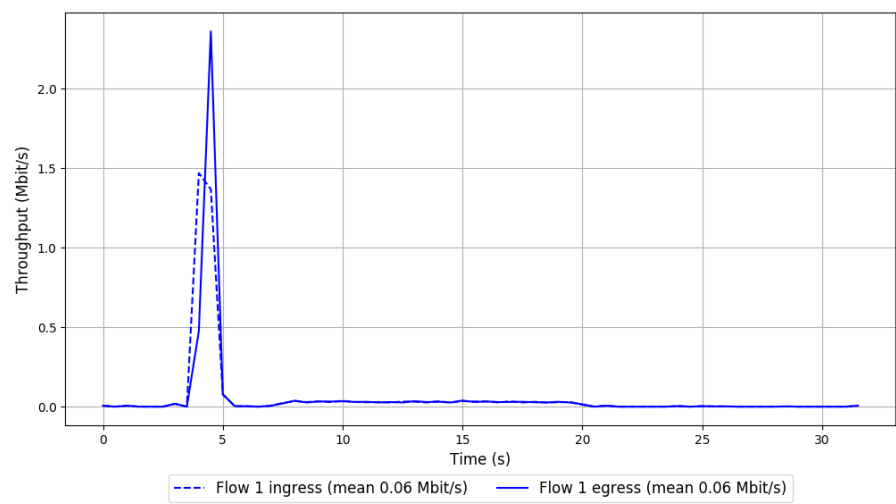
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 32.092 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-04-03 11:48:50

End at: 2018-04-03 11:49:20

Local clock offset: 0.169 ms

Remote clock offset: 9.57 ms

Below is generated by plot.py at 2018-04-03 13:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 30.096 ms

Loss rate: 0.00%

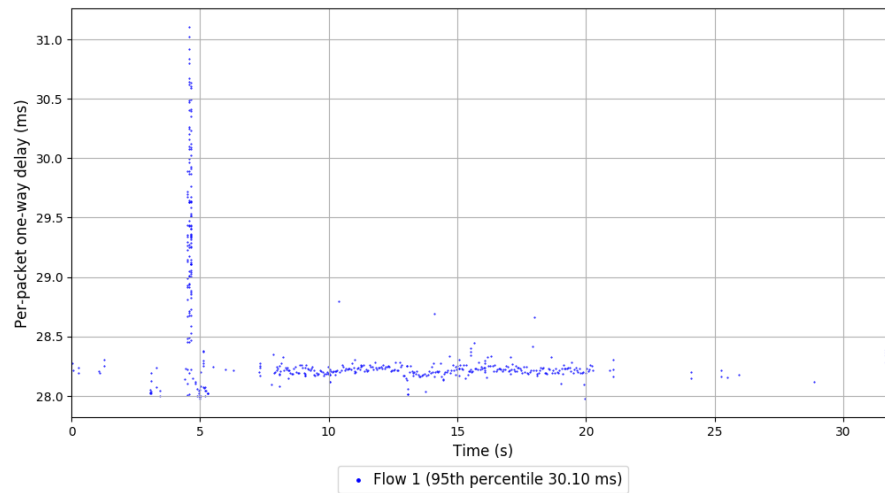
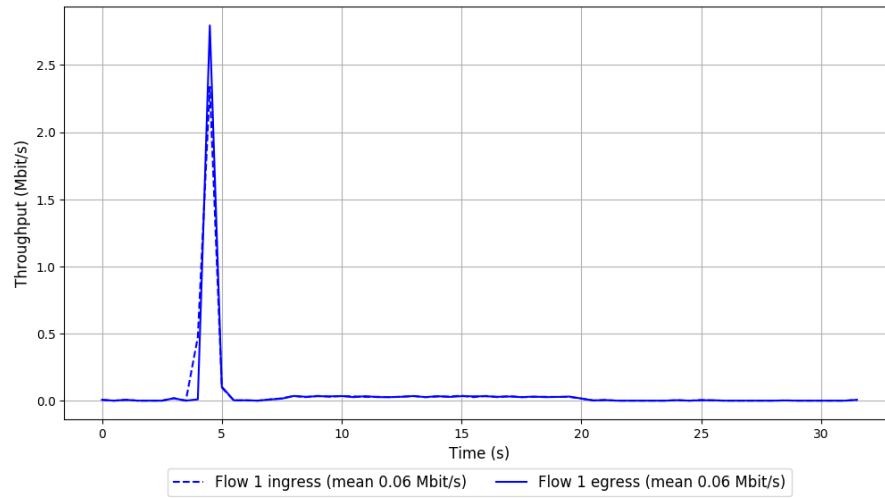
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 30.096 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-04-03 12:13:14

End at: 2018-04-03 12:13:44

Local clock offset: -0.021 ms

Remote clock offset: 1.214 ms

Below is generated by plot.py at 2018-04-03 13:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 32.285 ms

Loss rate: 0.00%

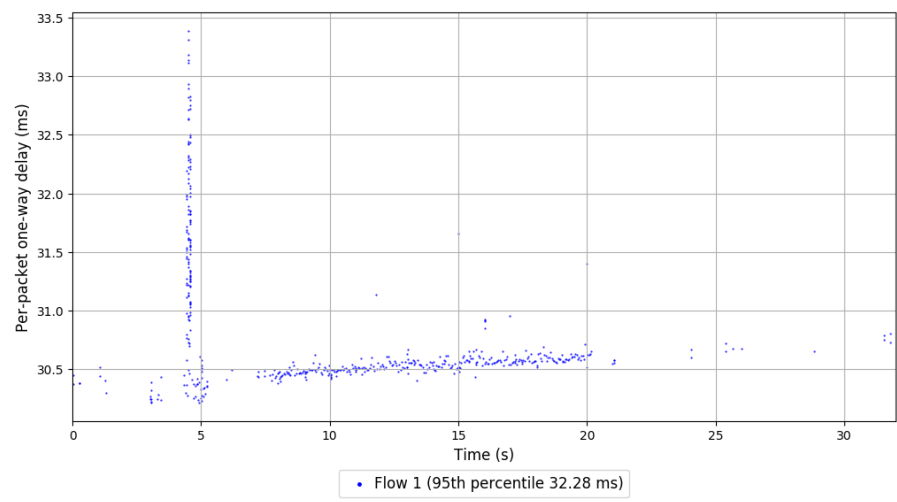
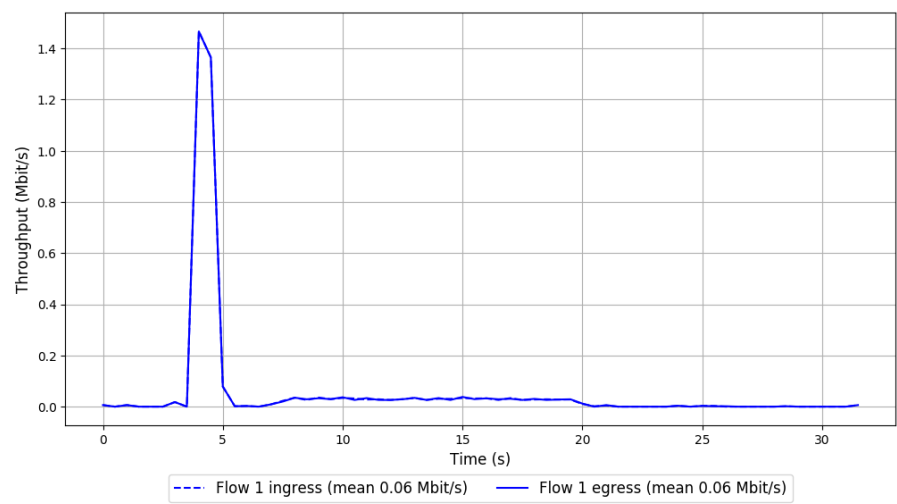
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 32.285 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

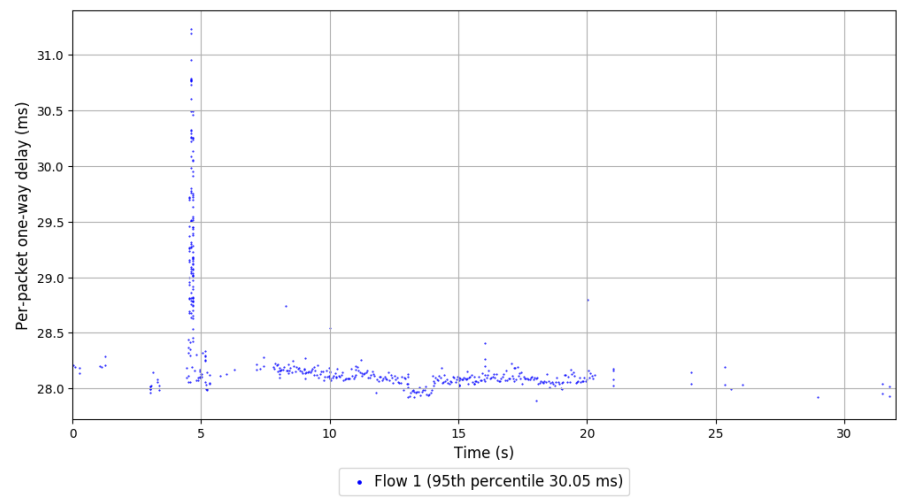
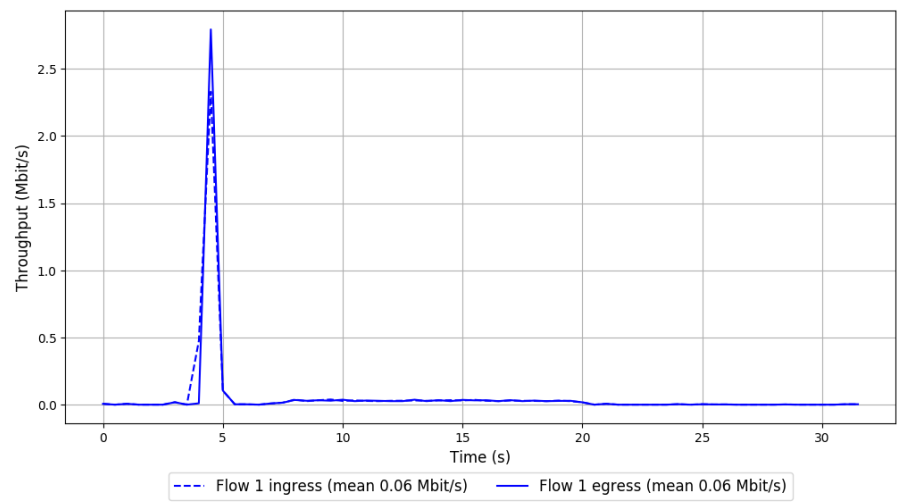


Run 9: Statistics of WebRTC media

Start at: 2018-04-03 12:37:58
End at: 2018-04-03 12:38:28
Local clock offset: -0.111 ms
Remote clock offset: -9.406 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.052 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.052 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-04-03 13:02:40

End at: 2018-04-03 13:03:10

Local clock offset: 0.05 ms

Remote clock offset: -4.685 ms

Below is generated by plot.py at 2018-04-03 13:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 32.469 ms

Loss rate: 0.00%

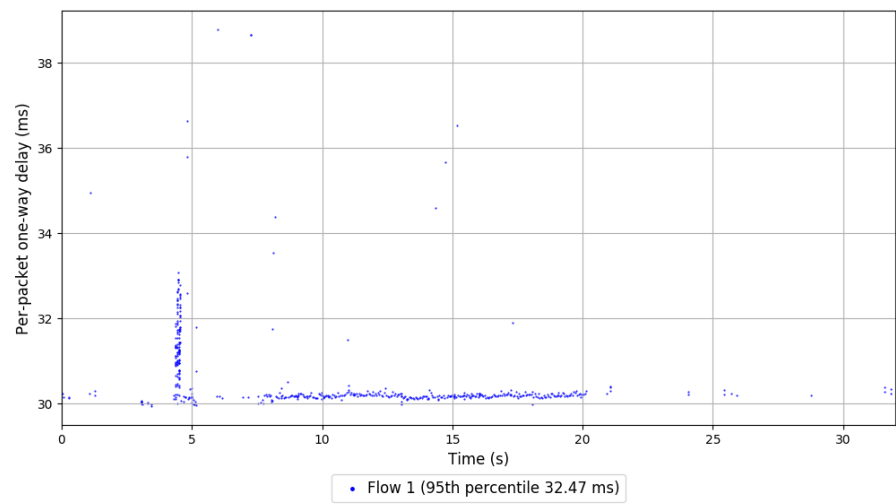
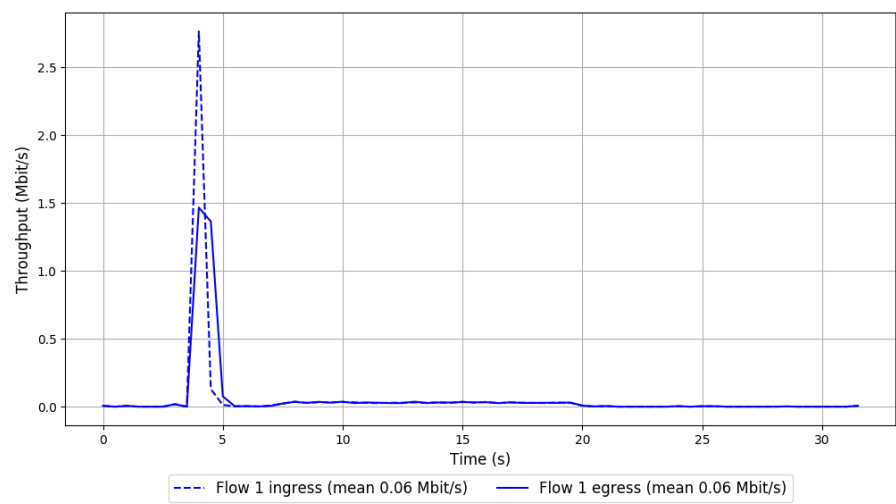
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 32.469 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

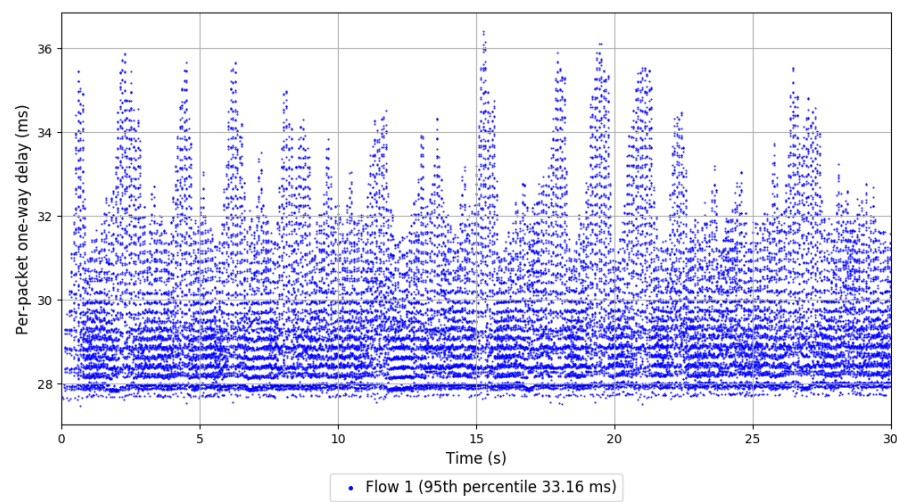
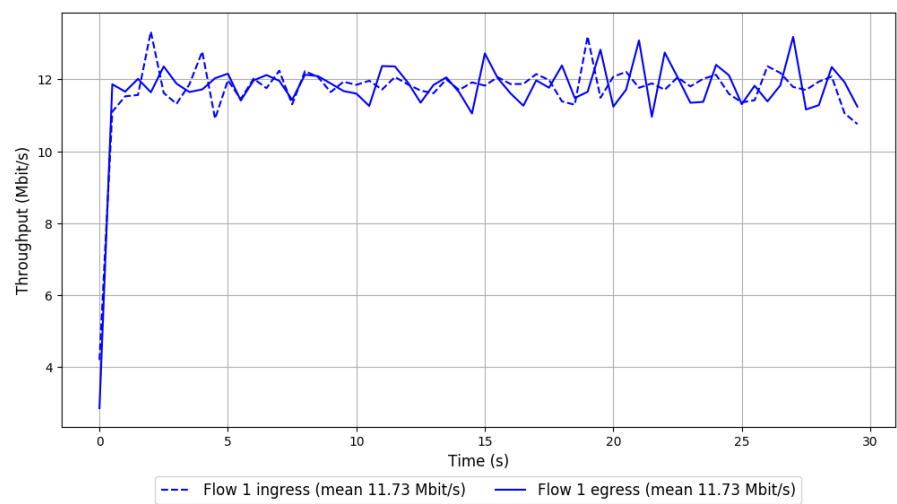


Run 1: Statistics of Sprout

Start at: 2018-04-03 09:17:02
End at: 2018-04-03 09:17:32
Local clock offset: -0.332 ms
Remote clock offset: -2.935 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 33.165 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 33.165 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

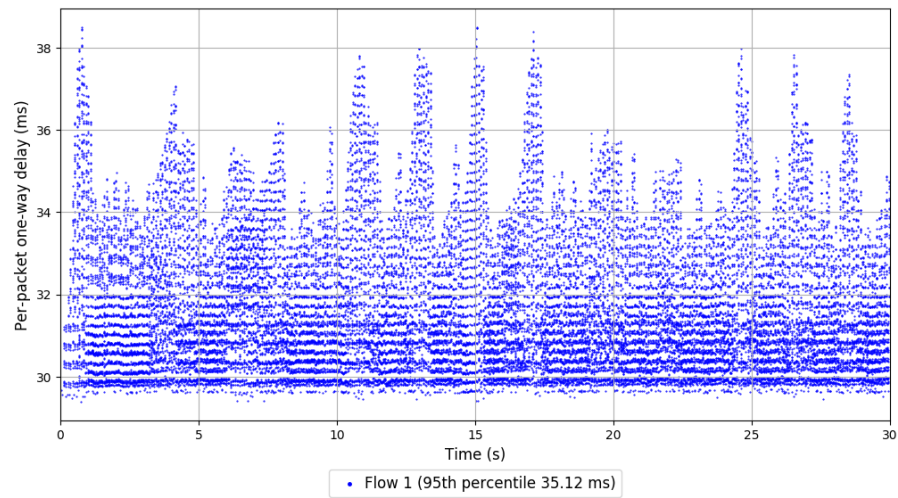
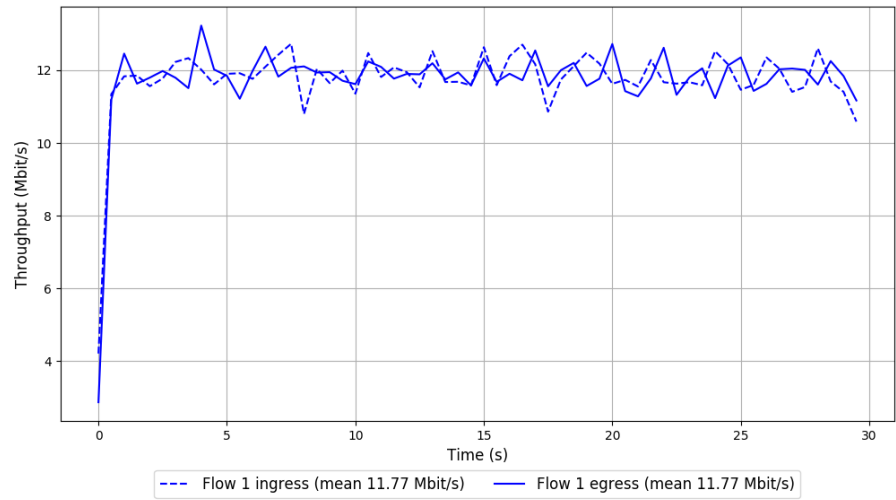


Run 2: Statistics of Sprout

Start at: 2018-04-03 09:42:15
End at: 2018-04-03 09:42:45
Local clock offset: 0.084 ms
Remote clock offset: -1.682 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.77 Mbit/s
95th percentile per-packet one-way delay: 35.115 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.77 Mbit/s
95th percentile per-packet one-way delay: 35.115 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

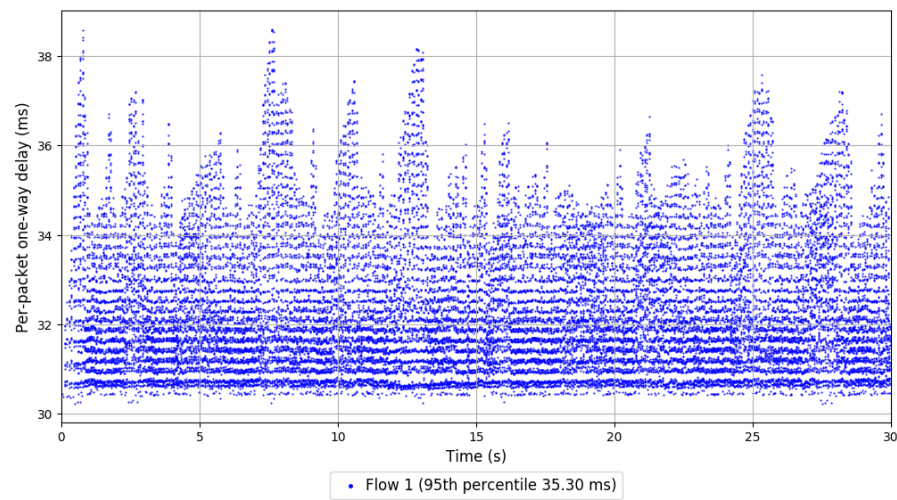
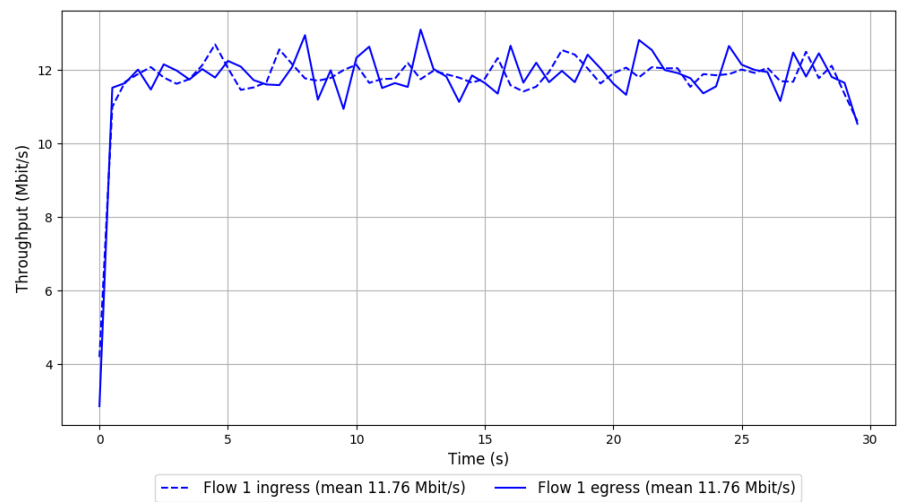


Run 3: Statistics of Sprout

Start at: 2018-04-03 10:06:31
End at: 2018-04-03 10:07:01
Local clock offset: 0.202 ms
Remote clock offset: -1.553 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.76 Mbit/s
95th percentile per-packet one-way delay: 35.300 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 11.76 Mbit/s
95th percentile per-packet one-way delay: 35.300 ms
Loss rate: 0.01%

Run 3: Report of Sprout — Data Link

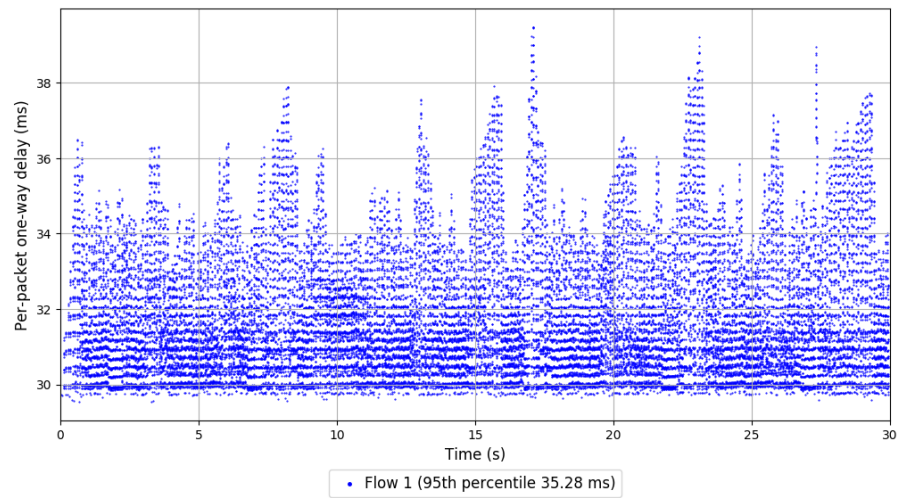
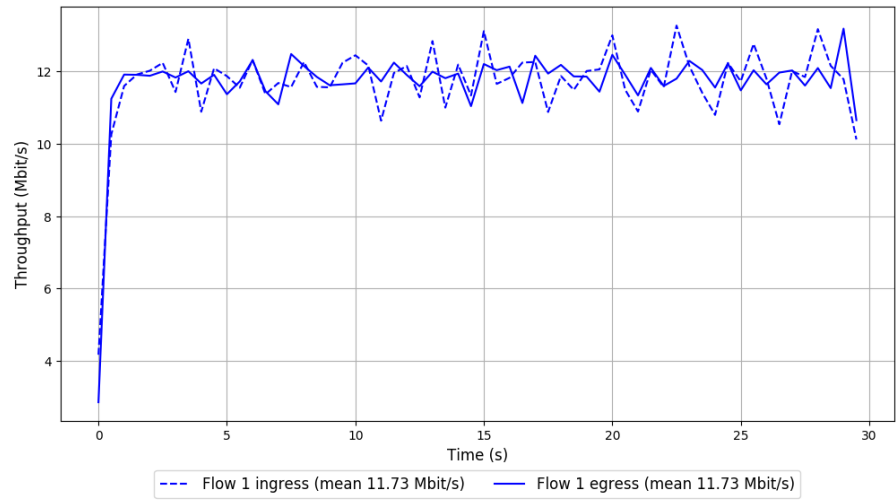


Run 4: Statistics of Sprout

Start at: 2018-04-03 10:31:19
End at: 2018-04-03 10:31:49
Local clock offset: 0.302 ms
Remote clock offset: -1.878 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 35.277 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 35.277 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

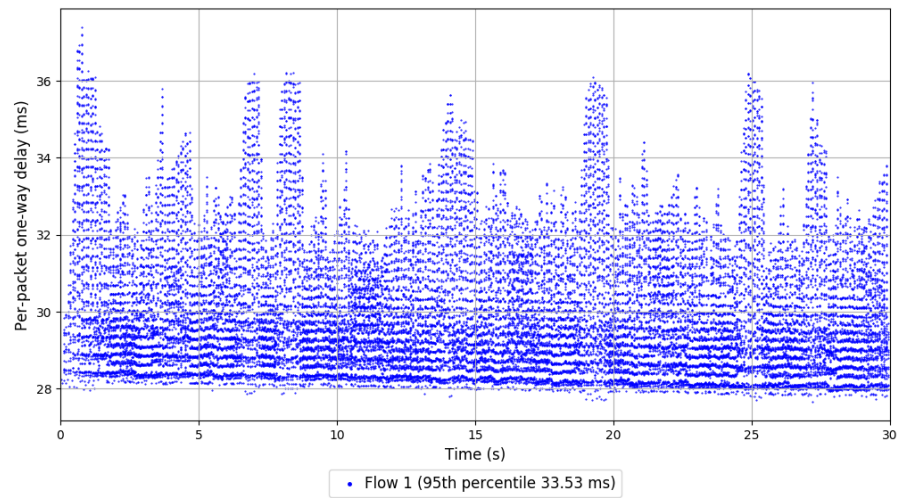
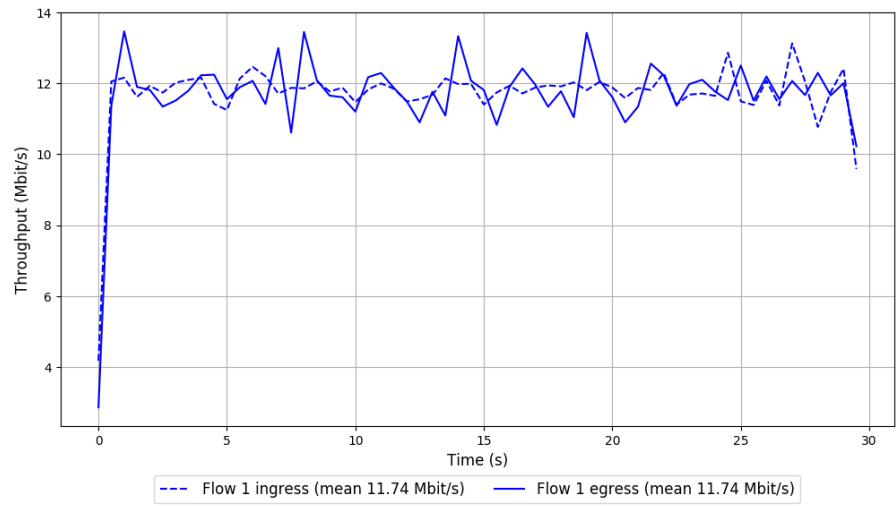


Run 5: Statistics of Sprout

Start at: 2018-04-03 10:56:52
End at: 2018-04-03 10:57:22
Local clock offset: 0.479 ms
Remote clock offset: -2.228 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 33.532 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 33.532 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-04-03 11:21:57

End at: 2018-04-03 11:22:27

Local clock offset: 0.265 ms

Remote clock offset: 8.622 ms

Below is generated by plot.py at 2018-04-03 13:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.53 Mbit/s

95th percentile per-packet one-way delay: 34.899 ms

Loss rate: 0.00%

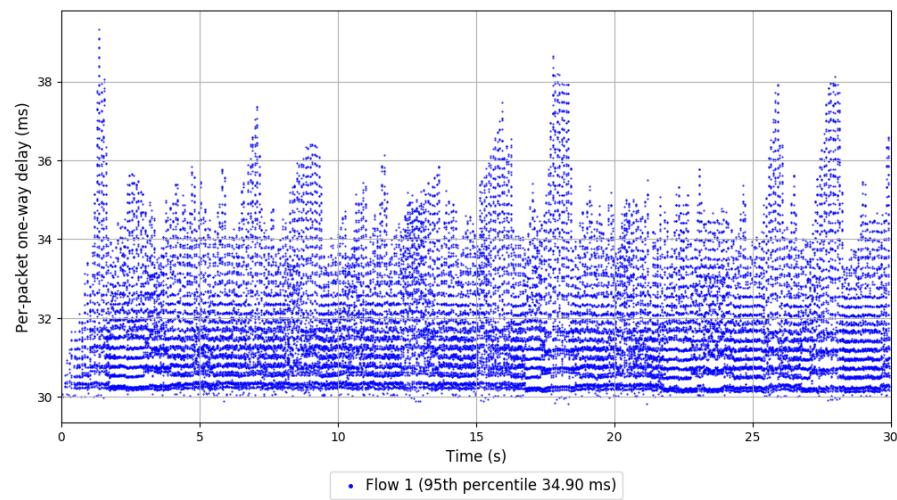
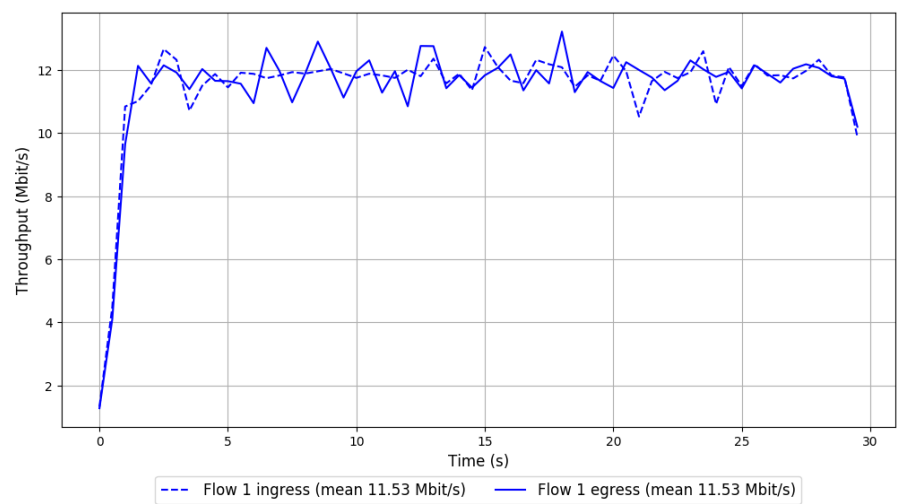
-- Flow 1:

Average throughput: 11.53 Mbit/s

95th percentile per-packet one-way delay: 34.899 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

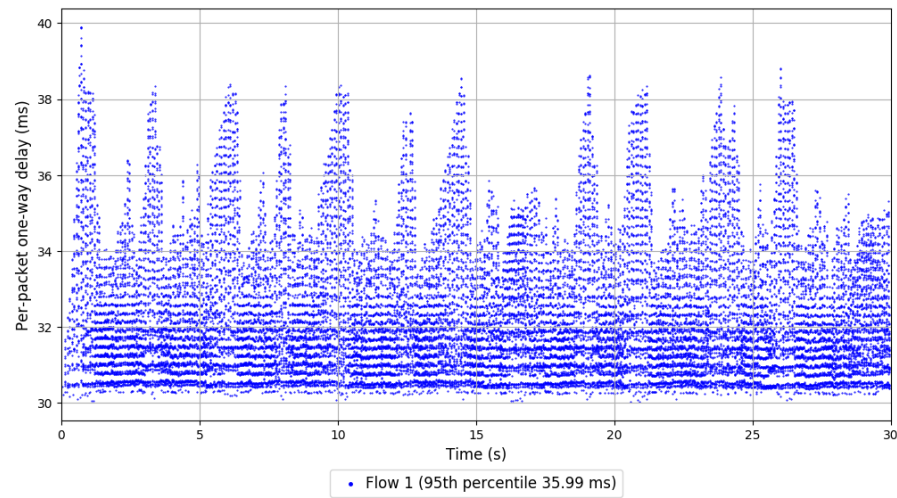
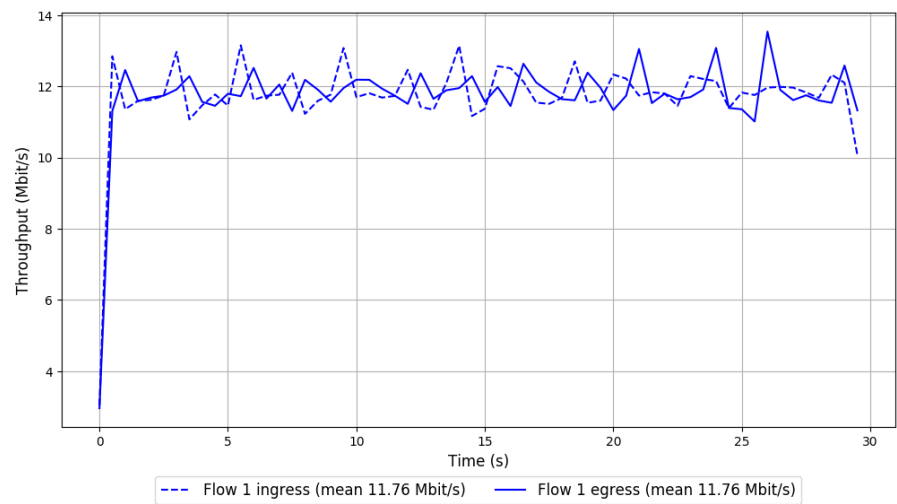


Run 7: Statistics of Sprout

Start at: 2018-04-03 11:47:32
End at: 2018-04-03 11:48:02
Local clock offset: 0.222 ms
Remote clock offset: 11.519 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.76 Mbit/s
95th percentile per-packet one-way delay: 35.993 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.76 Mbit/s
95th percentile per-packet one-way delay: 35.993 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-04-03 12:11:56

End at: 2018-04-03 12:12:26

Local clock offset: 0.11 ms

Remote clock offset: -0.39 ms

Below is generated by plot.py at 2018-04-03 13:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.66 Mbit/s

95th percentile per-packet one-way delay: 33.945 ms

Loss rate: 0.02%

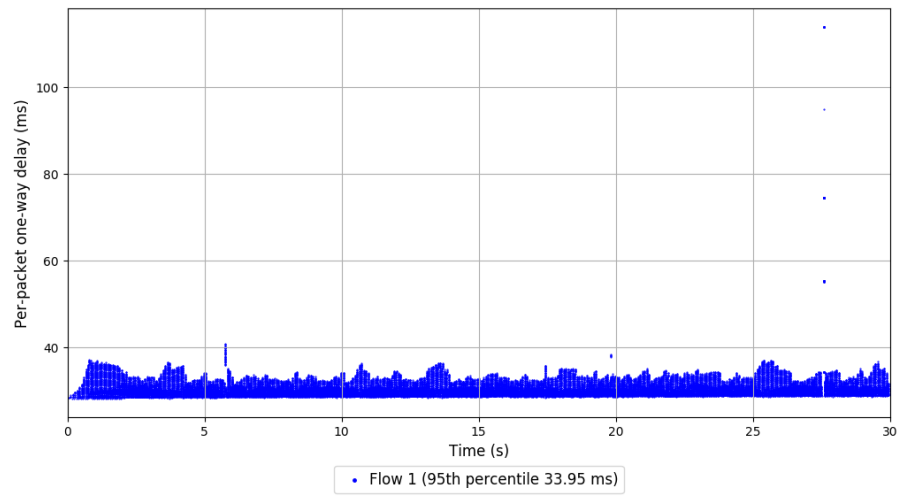
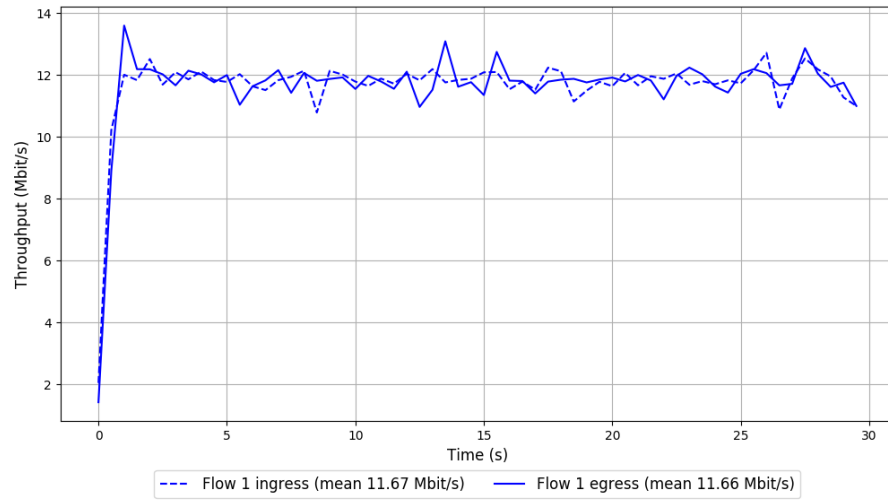
-- Flow 1:

Average throughput: 11.66 Mbit/s

95th percentile per-packet one-way delay: 33.945 ms

Loss rate: 0.02%

Run 8: Report of Sprout — Data Link

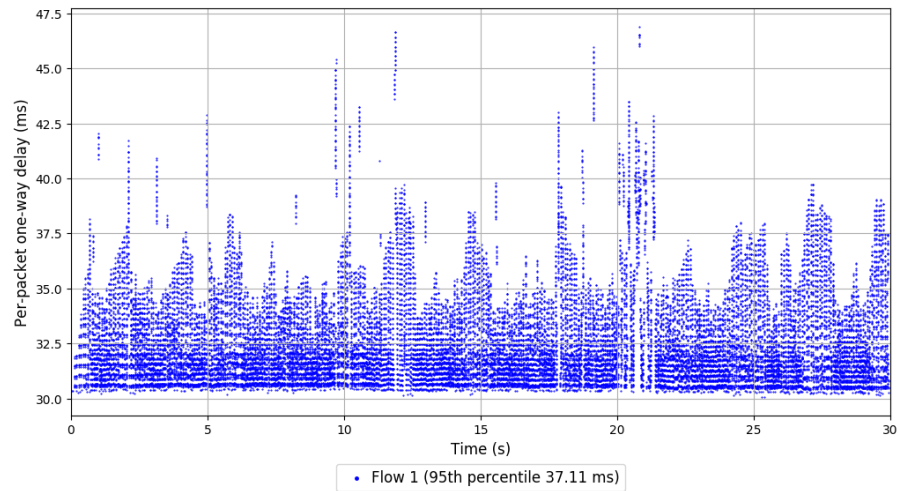
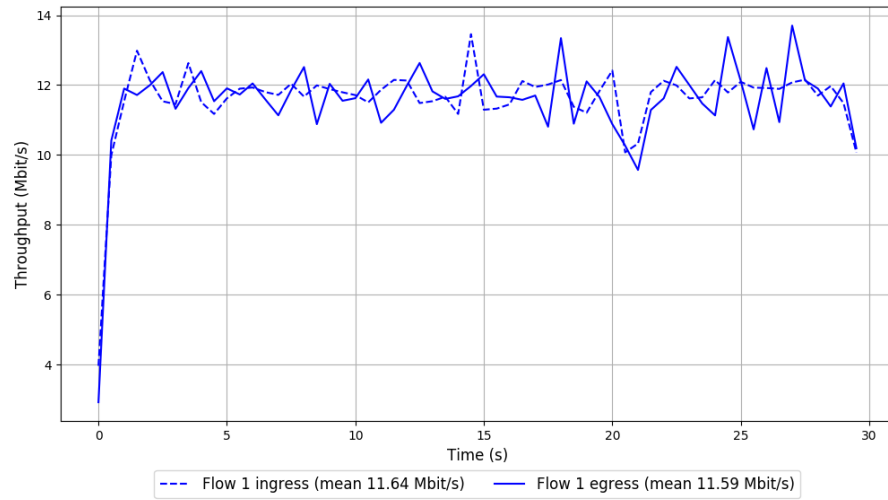


Run 9: Statistics of Sprout

Start at: 2018-04-03 12:36:41
End at: 2018-04-03 12:37:11
Local clock offset: -0.086 ms
Remote clock offset: -7.707 ms

Below is generated by plot.py at 2018-04-03 13:35:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.59 Mbit/s
95th percentile per-packet one-way delay: 37.108 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 11.59 Mbit/s
95th percentile per-packet one-way delay: 37.108 ms
Loss rate: 0.43%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-04-03 13:01:23

End at: 2018-04-03 13:01:53

Local clock offset: -0.029 ms

Remote clock offset: -7.229 ms

Below is generated by plot.py at 2018-04-03 13:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.75 Mbit/s

95th percentile per-packet one-way delay: 32.630 ms

Loss rate: 0.00%

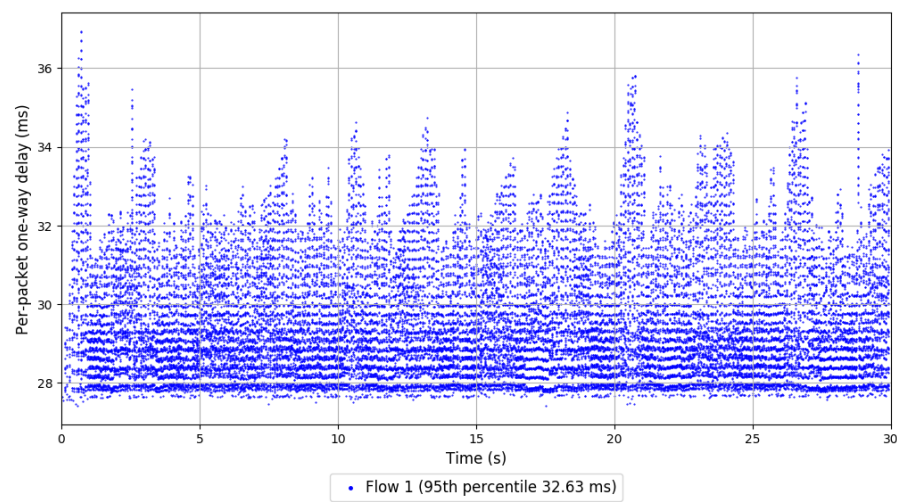
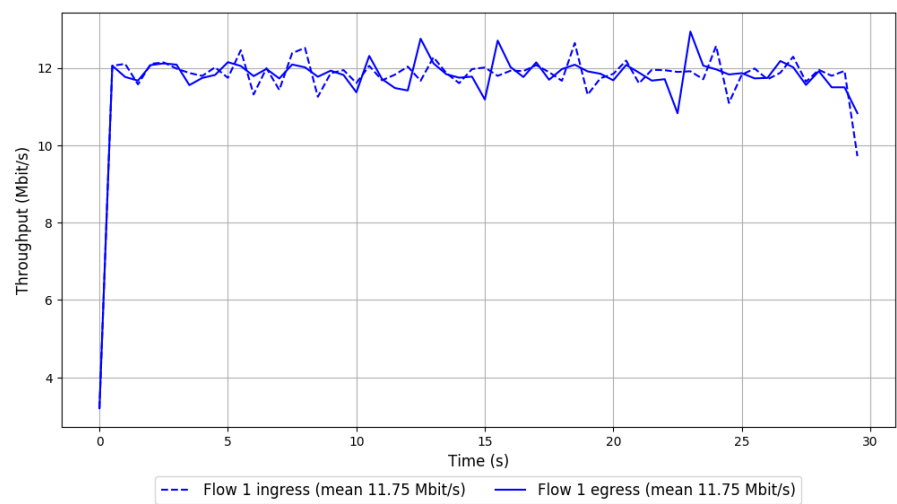
-- Flow 1:

Average throughput: 11.75 Mbit/s

95th percentile per-packet one-way delay: 32.630 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

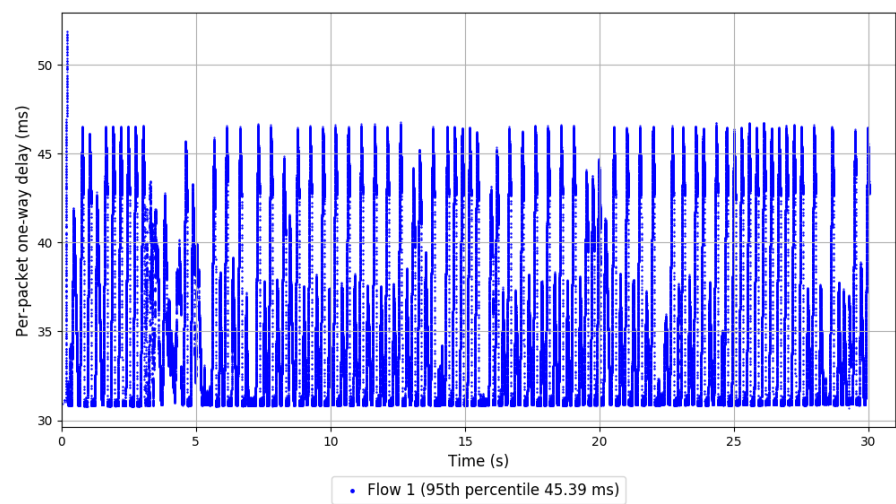
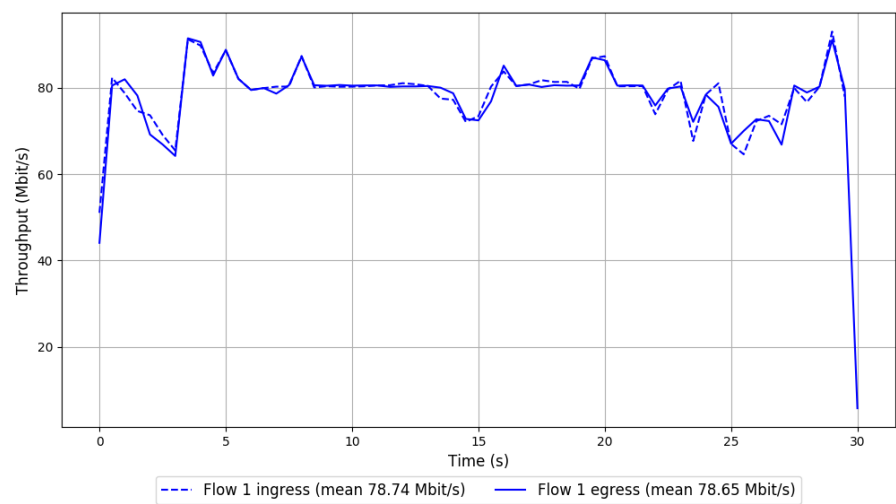


Run 1: Statistics of TaoVA-100x

Start at: 2018-04-03 09:14:13
End at: 2018-04-03 09:14:43
Local clock offset: -0.341 ms
Remote clock offset: -0.133 ms

Below is generated by plot.py at 2018-04-03 13:37:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.65 Mbit/s
95th percentile per-packet one-way delay: 45.392 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 78.65 Mbit/s
95th percentile per-packet one-way delay: 45.392 ms
Loss rate: 0.08%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-04-03 09:39:32

End at: 2018-04-03 09:40:02

Local clock offset: 0.088 ms

Remote clock offset: -3.702 ms

Below is generated by plot.py at 2018-04-03 13:37:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.91 Mbit/s

95th percentile per-packet one-way delay: 42.350 ms

Loss rate: 0.03%

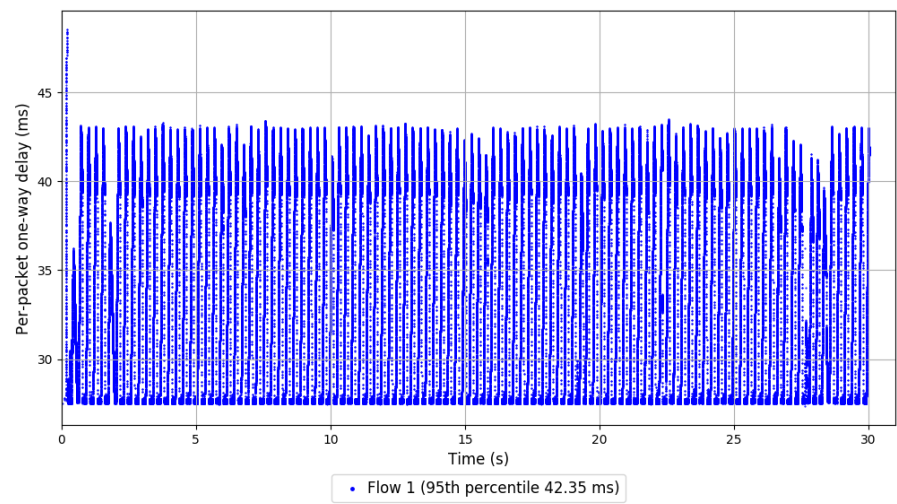
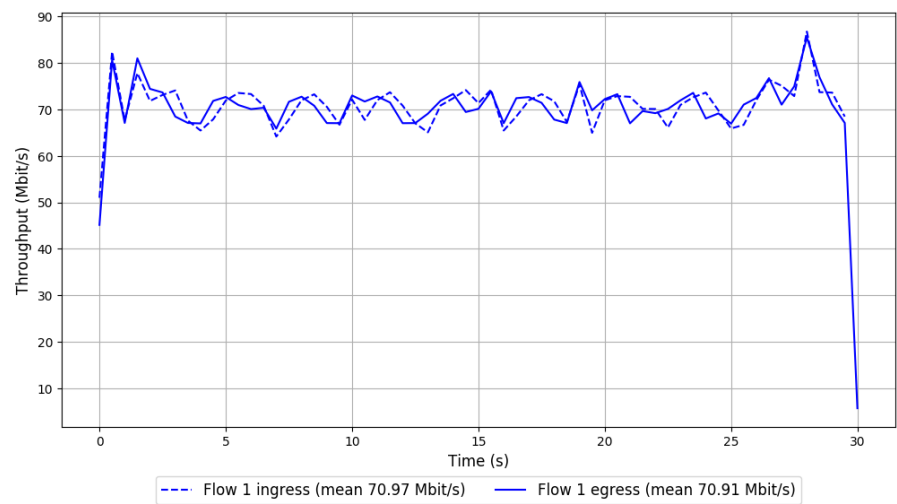
-- Flow 1:

Average throughput: 70.91 Mbit/s

95th percentile per-packet one-way delay: 42.350 ms

Loss rate: 0.03%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-04-03 10:03:49

End at: 2018-04-03 10:04:19

Local clock offset: 0.093 ms

Remote clock offset: -1.208 ms

Below is generated by plot.py at 2018-04-03 13:37:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.25 Mbit/s

95th percentile per-packet one-way delay: 44.966 ms

Loss rate: 0.00%

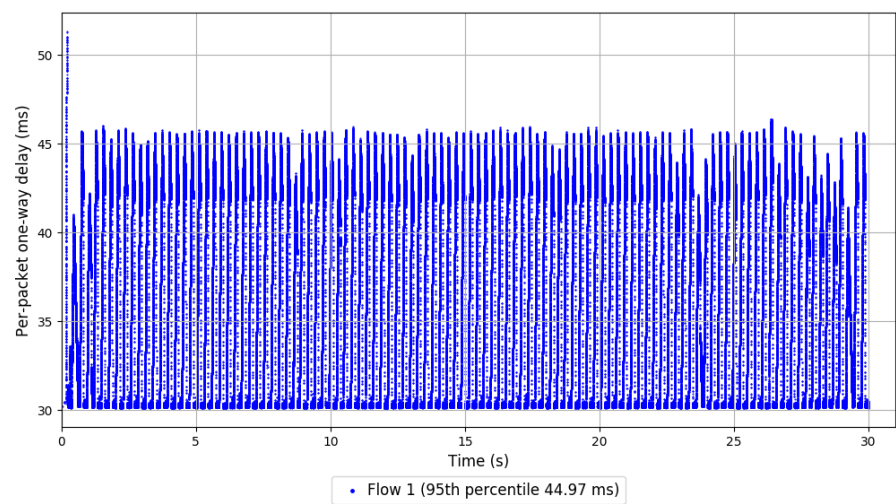
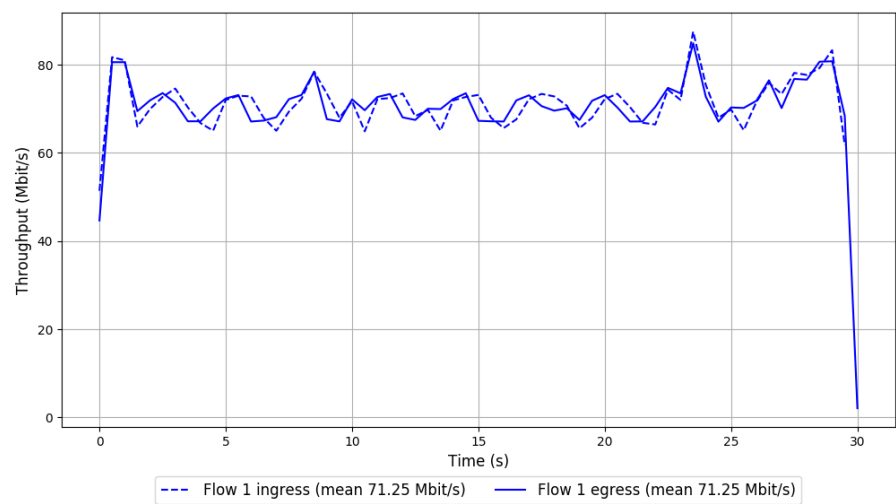
-- Flow 1:

Average throughput: 71.25 Mbit/s

95th percentile per-packet one-way delay: 44.966 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-04-03 10:28:32

End at: 2018-04-03 10:29:02

Local clock offset: 0.314 ms

Remote clock offset: -1.805 ms

Below is generated by plot.py at 2018-04-03 13:37:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.77 Mbit/s

95th percentile per-packet one-way delay: 44.965 ms

Loss rate: 0.00%

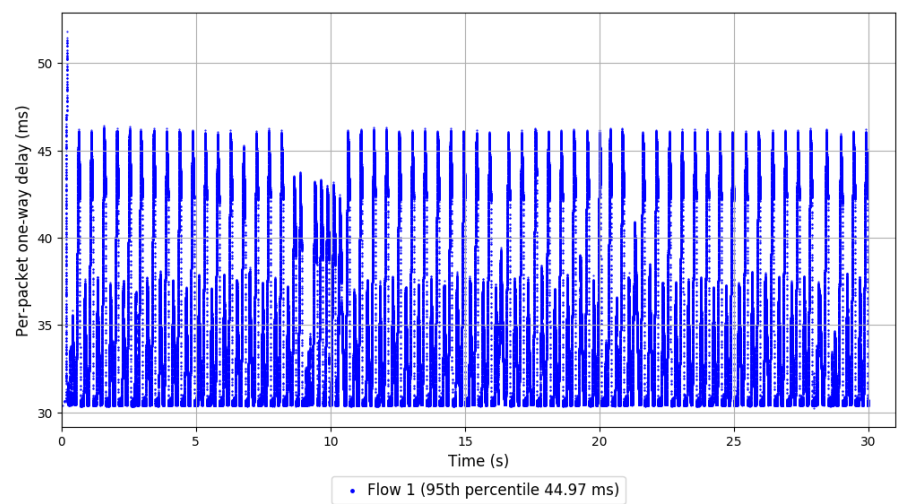
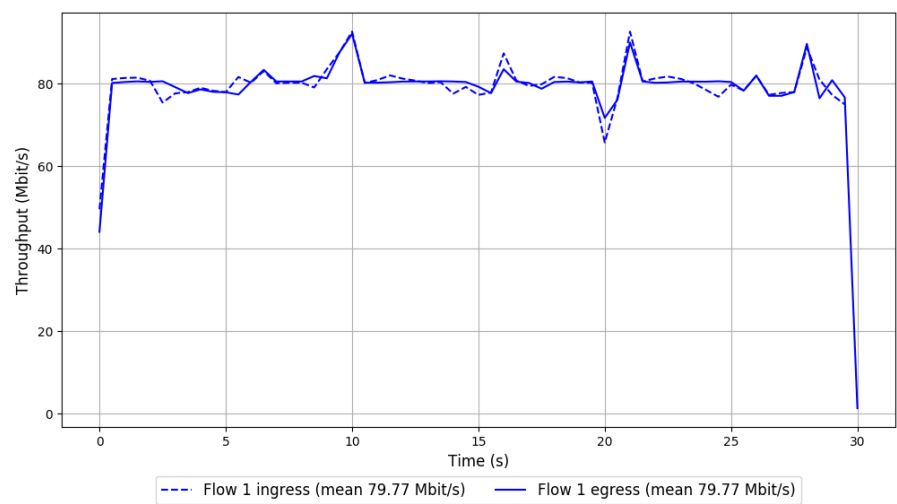
-- Flow 1:

Average throughput: 79.77 Mbit/s

95th percentile per-packet one-way delay: 44.965 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-04-03 10:53:59

End at: 2018-04-03 10:54:29

Local clock offset: 0.415 ms

Remote clock offset: -1.693 ms

Below is generated by plot.py at 2018-04-03 13:37:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.63 Mbit/s

95th percentile per-packet one-way delay: 45.986 ms

Loss rate: 0.02%

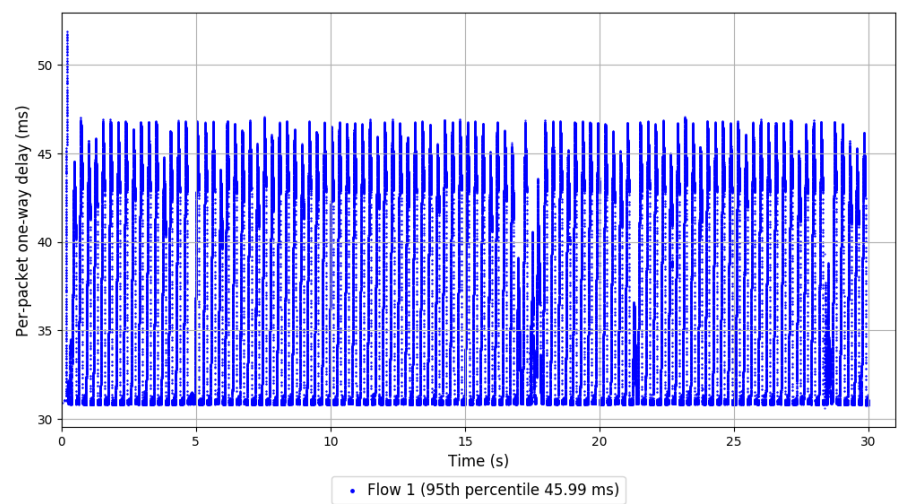
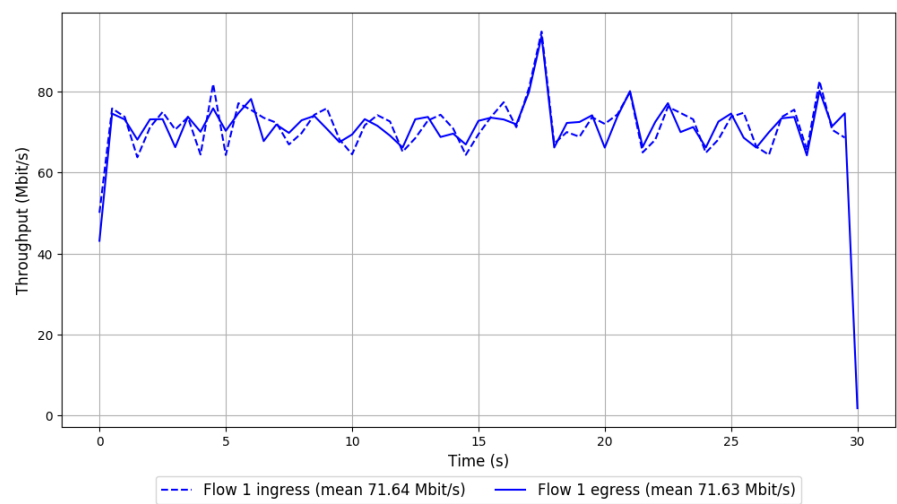
-- Flow 1:

Average throughput: 71.63 Mbit/s

95th percentile per-packet one-way delay: 45.986 ms

Loss rate: 0.02%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-04-03 11:18:52

End at: 2018-04-03 11:19:22

Local clock offset: 0.242 ms

Remote clock offset: 7.726 ms

Below is generated by plot.py at 2018-04-03 13:37:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.61 Mbit/s

95th percentile per-packet one-way delay: 45.160 ms

Loss rate: 0.00%

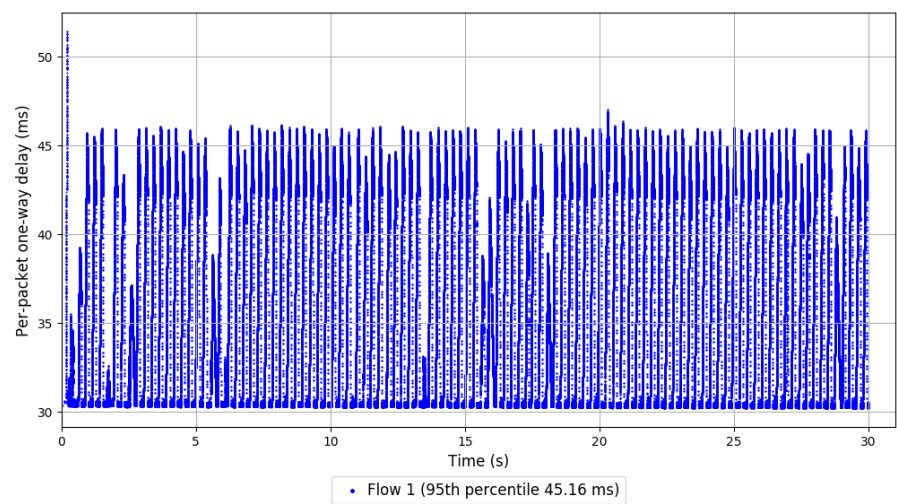
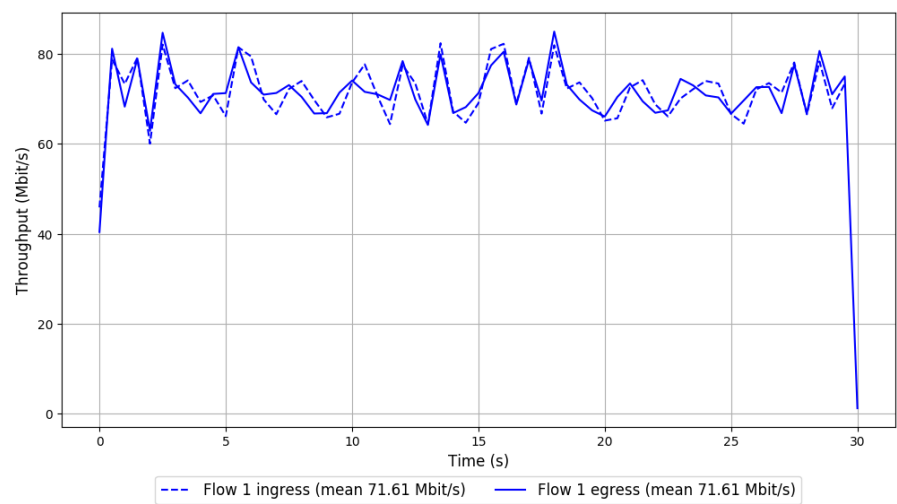
-- Flow 1:

Average throughput: 71.61 Mbit/s

95th percentile per-packet one-way delay: 45.160 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-04-03 11:44:46

End at: 2018-04-03 11:45:16

Local clock offset: 0.238 ms

Remote clock offset: 11.693 ms

Below is generated by plot.py at 2018-04-03 13:37:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.87 Mbit/s

95th percentile per-packet one-way delay: 45.672 ms

Loss rate: 0.12%

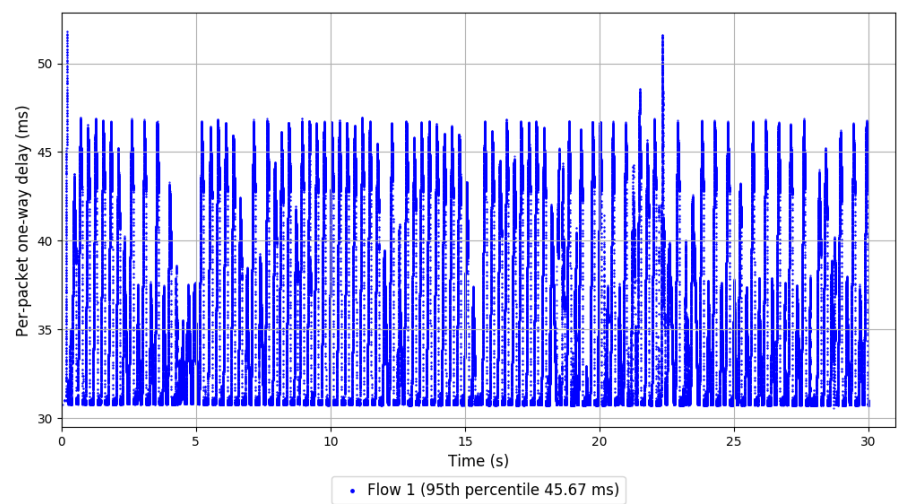
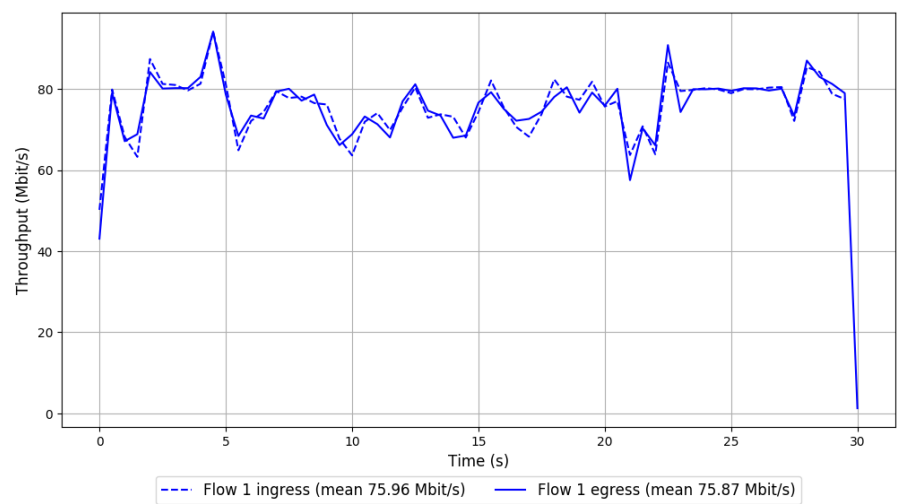
-- Flow 1:

Average throughput: 75.87 Mbit/s

95th percentile per-packet one-way delay: 45.672 ms

Loss rate: 0.12%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-04-03 12:09:08

End at: 2018-04-03 12:09:38

Local clock offset: 0.067 ms

Remote clock offset: 4.753 ms

Below is generated by plot.py at 2018-04-03 13:37:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.46 Mbit/s

95th percentile per-packet one-way delay: 46.007 ms

Loss rate: 0.01%

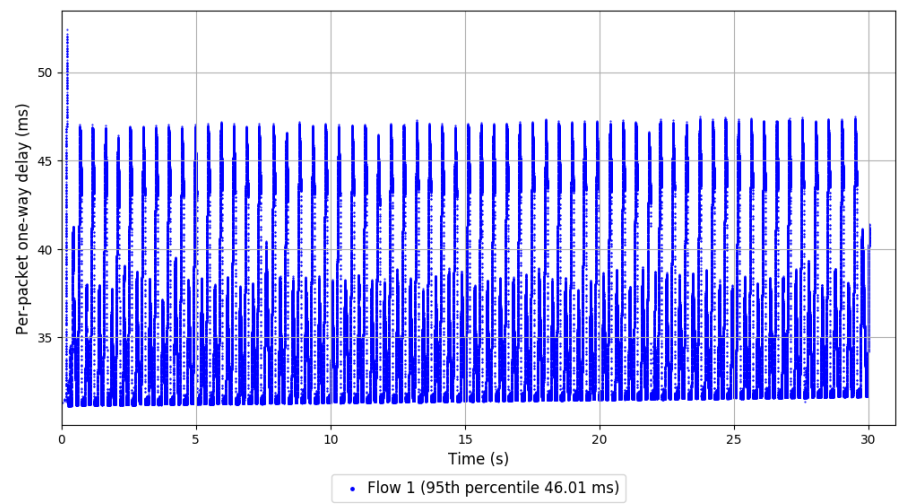
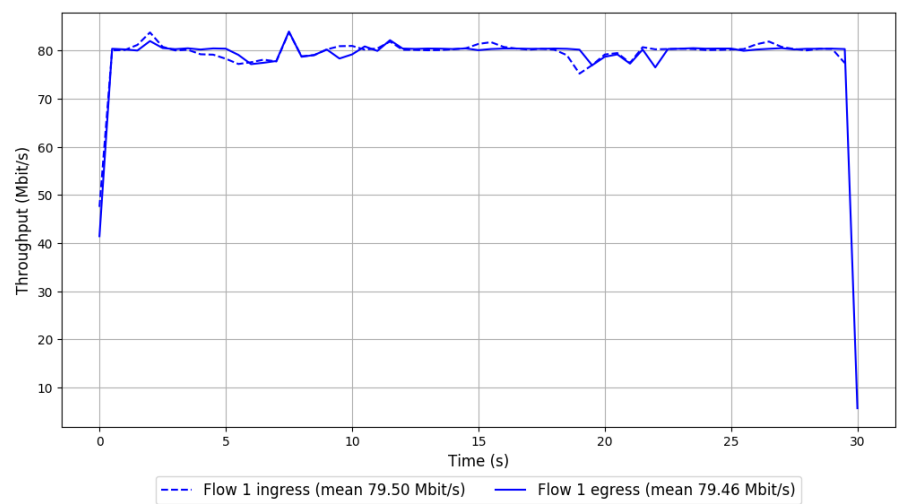
-- Flow 1:

Average throughput: 79.46 Mbit/s

95th percentile per-packet one-way delay: 46.007 ms

Loss rate: 0.01%

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

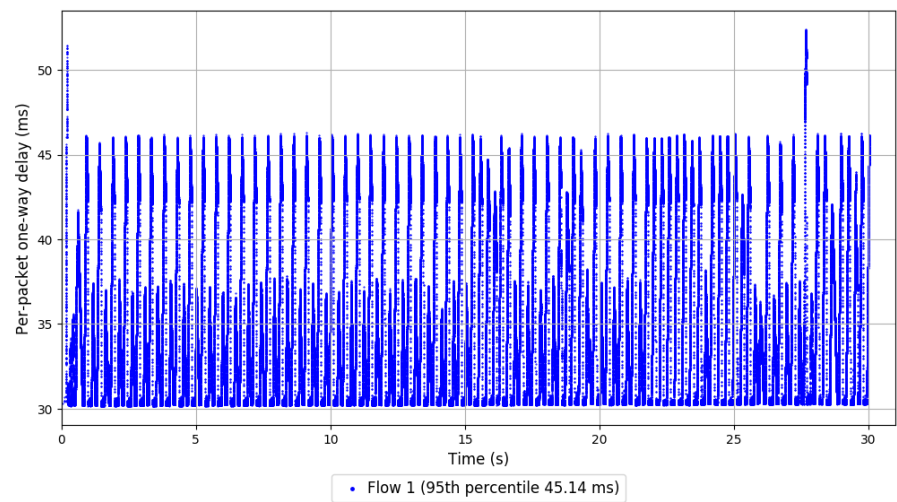
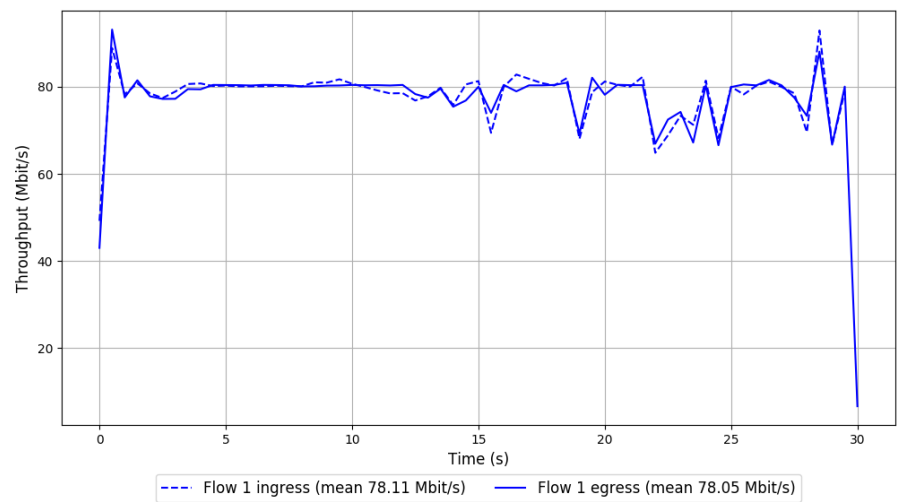


Run 9: Statistics of TaoVA-100x

Start at: 2018-04-03 12:33:53
End at: 2018-04-03 12:34:23
Local clock offset: -0.198 ms
Remote clock offset: -6.703 ms

Below is generated by plot.py at 2018-04-03 13:39:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.05 Mbit/s
95th percentile per-packet one-way delay: 45.140 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 78.05 Mbit/s
95th percentile per-packet one-way delay: 45.140 ms
Loss rate: 0.02%

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

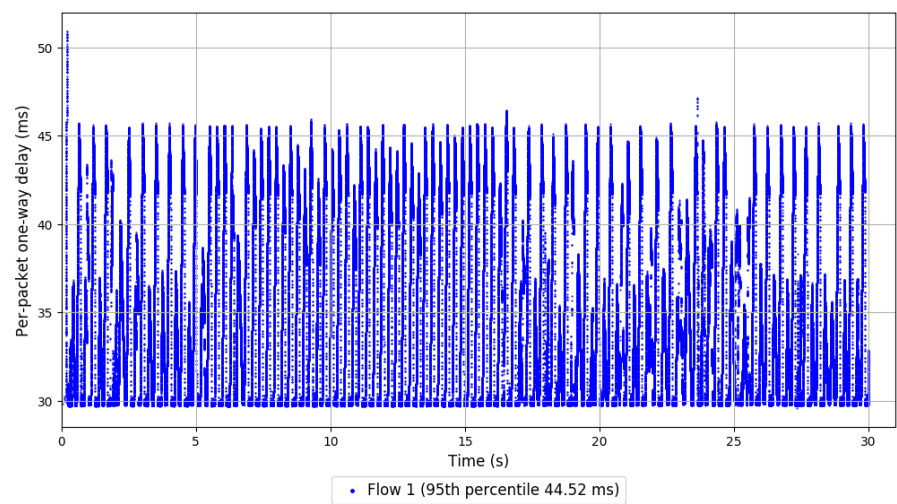
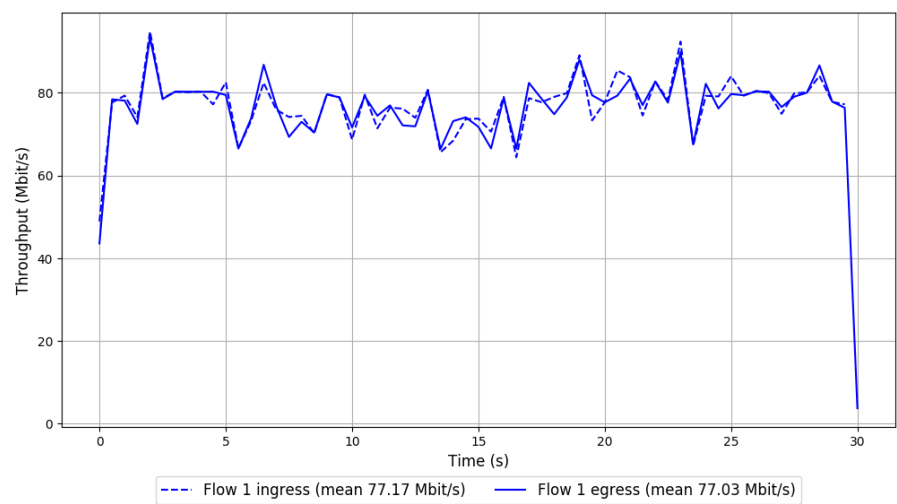


Run 10: Statistics of TaoVA-100x

Start at: 2018-04-03 12:58:39
End at: 2018-04-03 12:59:09
Local clock offset: -0.055 ms
Remote clock offset: -4.979 ms

Below is generated by plot.py at 2018-04-03 13:39:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.03 Mbit/s
95th percentile per-packet one-way delay: 44.519 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 77.03 Mbit/s
95th percentile per-packet one-way delay: 44.519 ms
Loss rate: 0.18%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-04-03 09:04:33

End at: 2018-04-03 09:05:03

Local clock offset: -0.35 ms

Remote clock offset: -0.155 ms

Below is generated by plot.py at 2018-04-03 13:39:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.42 Mbit/s

95th percentile per-packet one-way delay: 39.221 ms

Loss rate: 0.04%

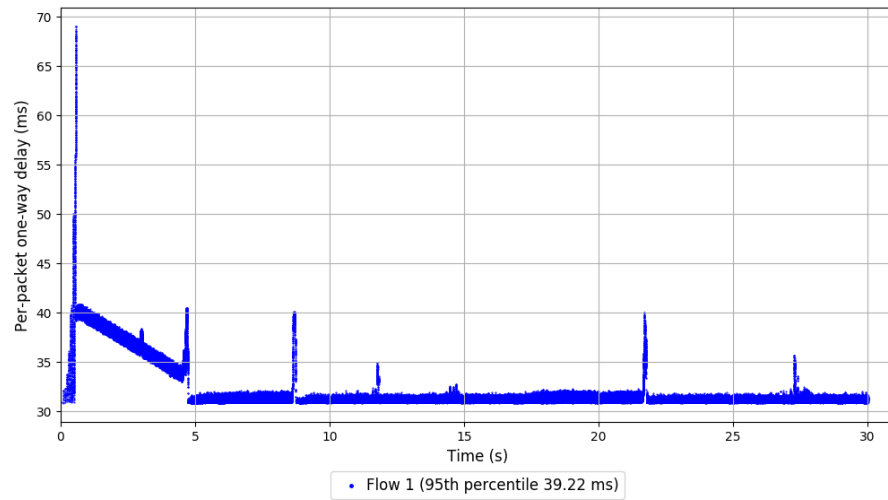
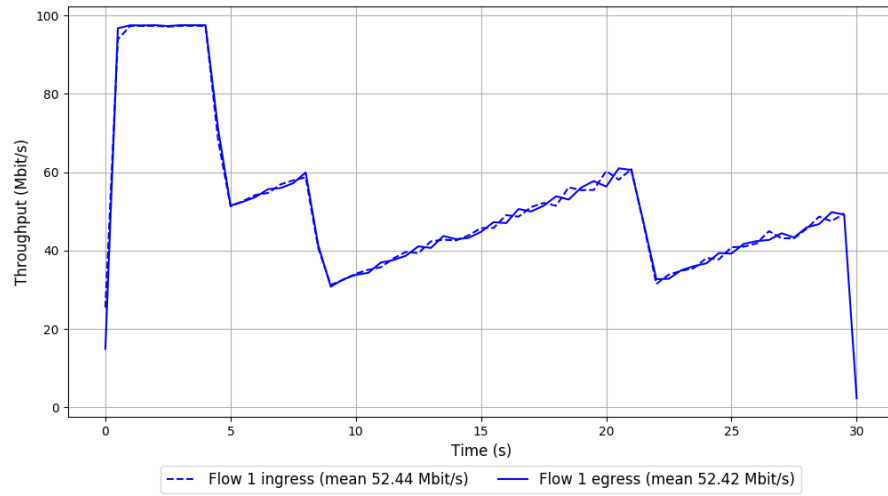
-- Flow 1:

Average throughput: 52.42 Mbit/s

95th percentile per-packet one-way delay: 39.221 ms

Loss rate: 0.04%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-04-03 09:29:36

End at: 2018-04-03 09:30:06

Local clock offset: 0.008 ms

Remote clock offset: -1.42 ms

Below is generated by plot.py at 2018-04-03 13:39:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.39 Mbit/s

95th percentile per-packet one-way delay: 38.631 ms

Loss rate: 0.02%

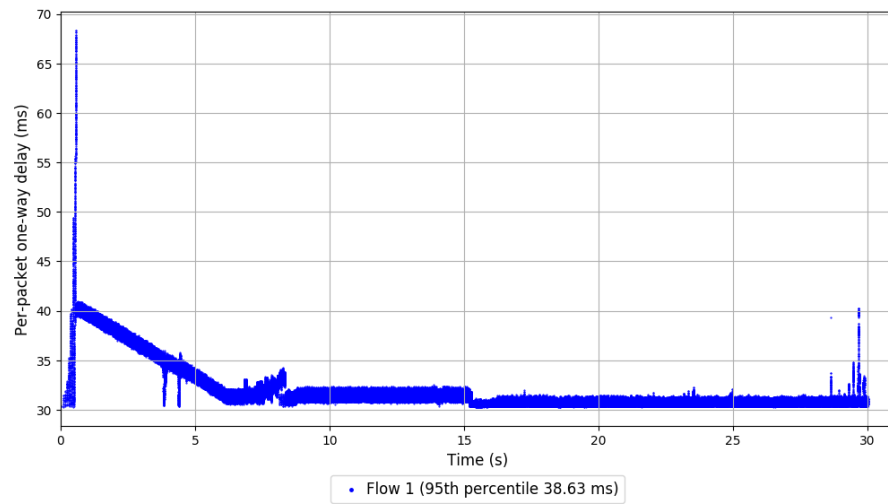
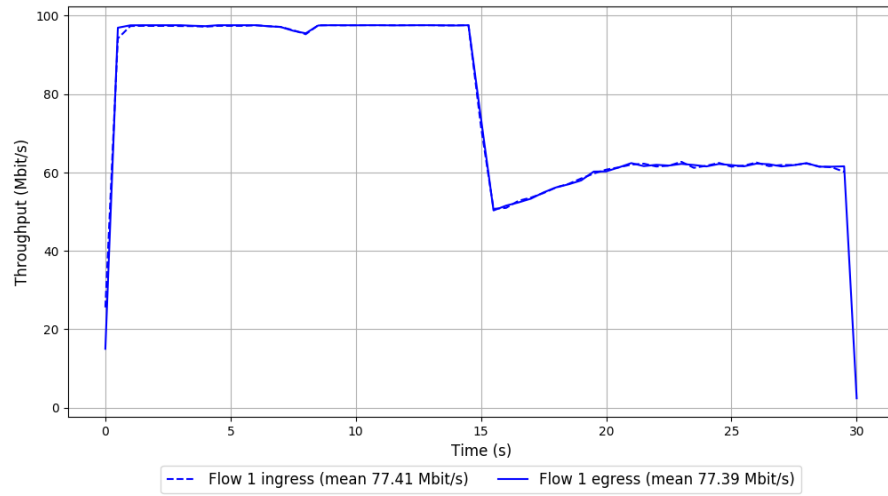
-- Flow 1:

Average throughput: 77.39 Mbit/s

95th percentile per-packet one-way delay: 38.631 ms

Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-04-03 09:54:20

End at: 2018-04-03 09:54:50

Local clock offset: 0.028 ms

Remote clock offset: -1.55 ms

Below is generated by plot.py at 2018-04-03 13:39:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.52 Mbit/s

95th percentile per-packet one-way delay: 38.990 ms

Loss rate: 0.03%

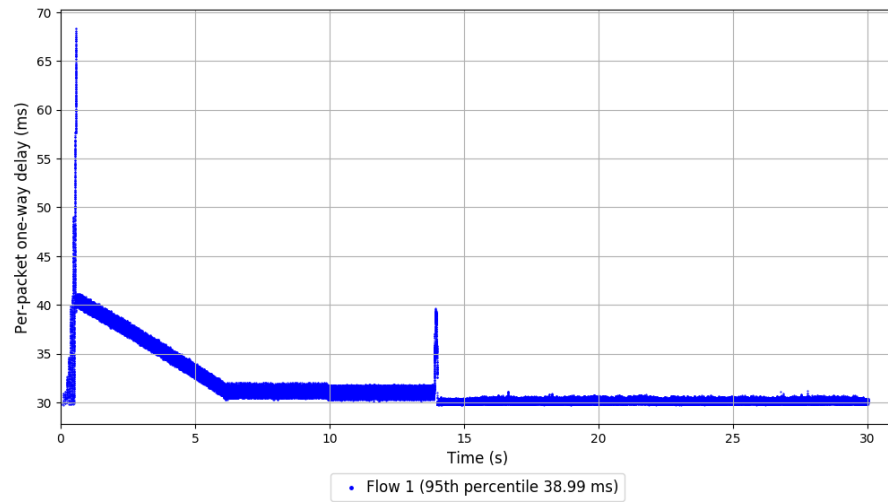
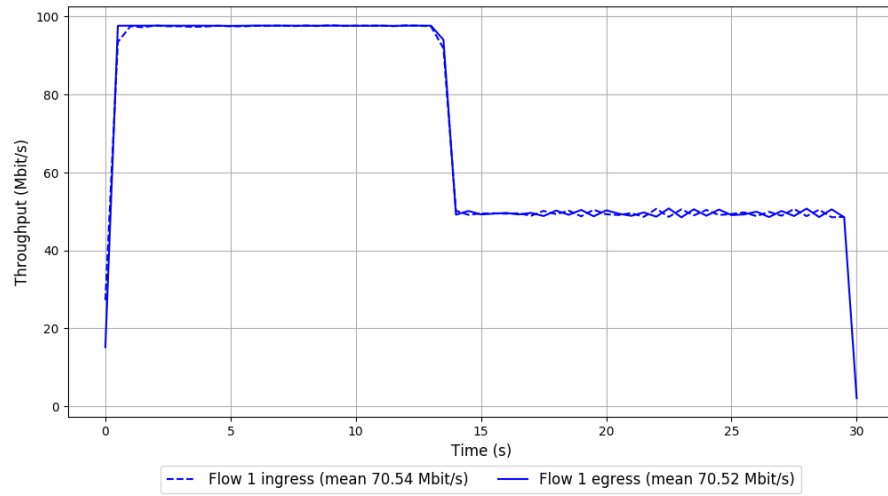
-- Flow 1:

Average throughput: 70.52 Mbit/s

95th percentile per-packet one-way delay: 38.990 ms

Loss rate: 0.03%

Run 3: Report of TCP Vegas — Data Link

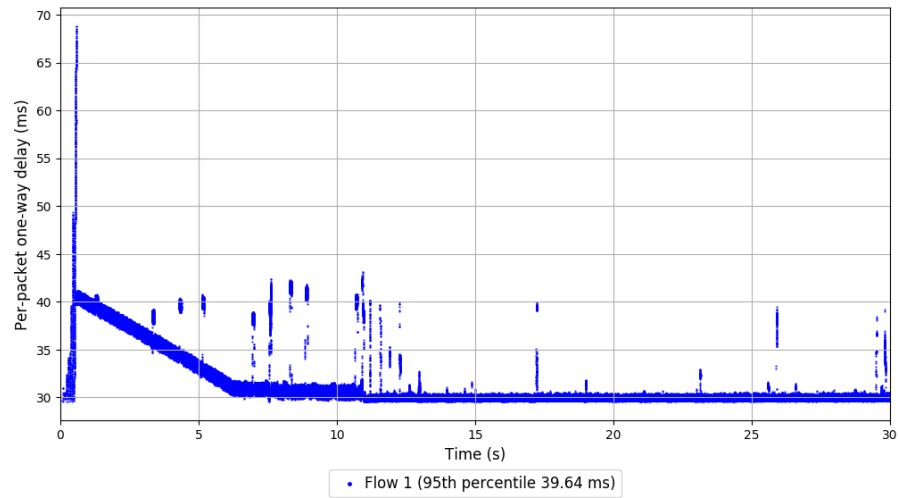
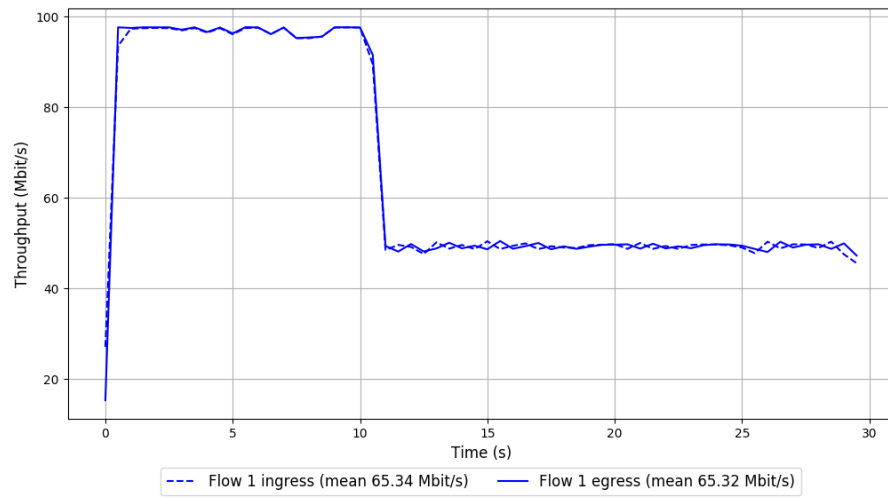


Run 4: Statistics of TCP Vegas

Start at: 2018-04-03 10:18:52
End at: 2018-04-03 10:19:22
Local clock offset: 0.308 ms
Remote clock offset: -1.741 ms

Below is generated by plot.py at 2018-04-03 13:39:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.32 Mbit/s
95th percentile per-packet one-way delay: 39.636 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 65.32 Mbit/s
95th percentile per-packet one-way delay: 39.636 ms
Loss rate: 0.02%

Run 4: Report of TCP Vegas — Data Link

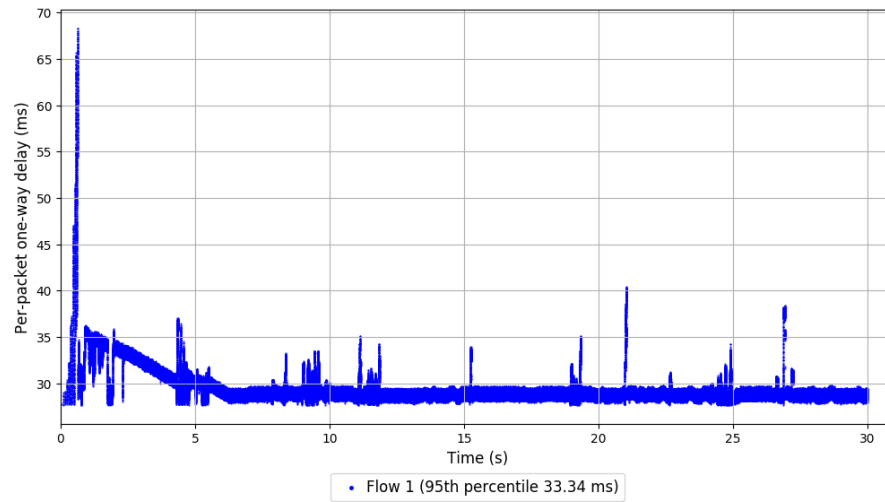
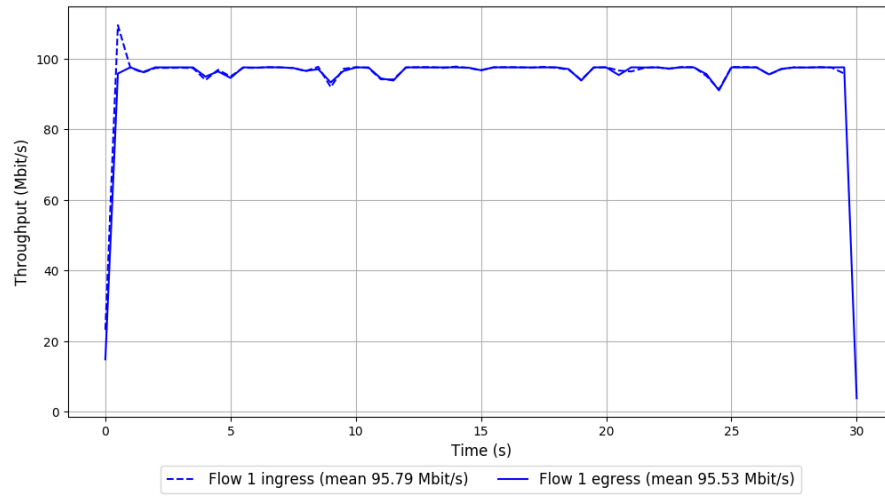


Run 5: Statistics of TCP Vegas

Start at: 2018-04-03 10:43:56
End at: 2018-04-03 10:44:26
Local clock offset: 0.336 ms
Remote clock offset: -4.065 ms

Below is generated by plot.py at 2018-04-03 13:39:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.53 Mbit/s
95th percentile per-packet one-way delay: 33.343 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 95.53 Mbit/s
95th percentile per-packet one-way delay: 33.343 ms
Loss rate: 0.26%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-04-03 11:09:09

End at: 2018-04-03 11:09:39

Local clock offset: 0.246 ms

Remote clock offset: 3.543 ms

Below is generated by plot.py at 2018-04-03 13:39:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.97 Mbit/s

95th percentile per-packet one-way delay: 29.156 ms

Loss rate: 1.40%

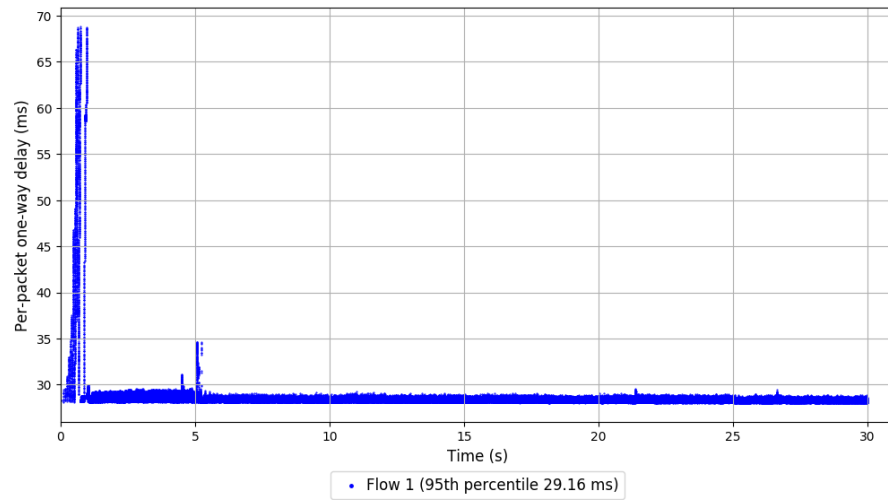
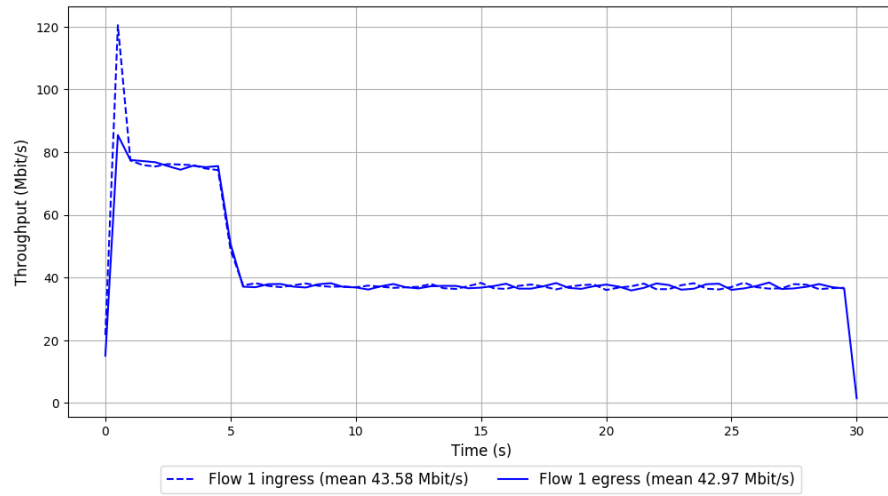
-- Flow 1:

Average throughput: 42.97 Mbit/s

95th percentile per-packet one-way delay: 29.156 ms

Loss rate: 1.40%

Run 6: Report of TCP Vegas — Data Link

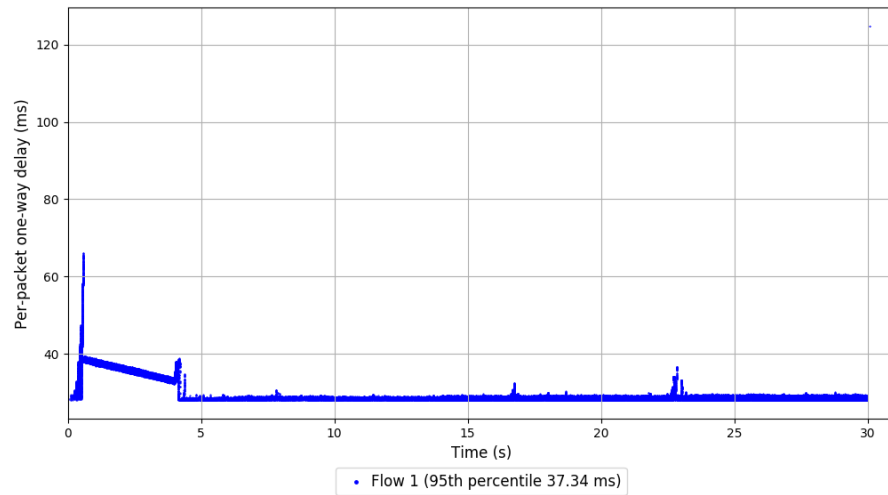
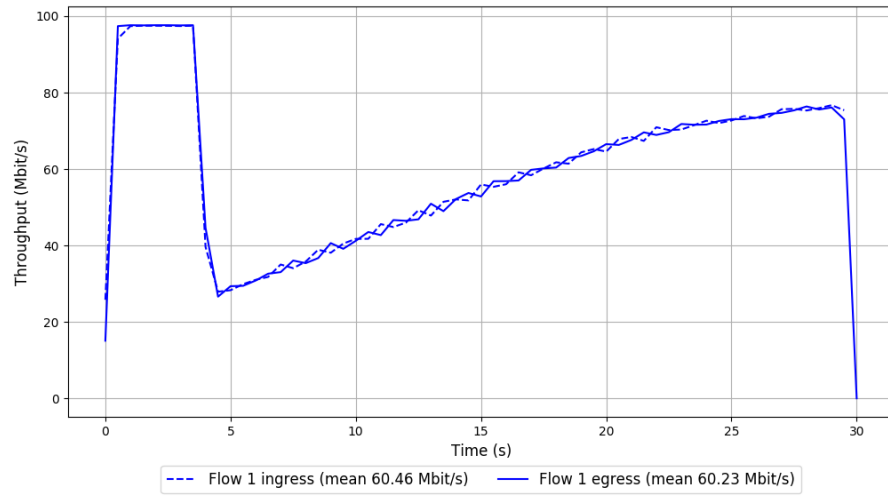


Run 7: Statistics of TCP Vegas

Start at: 2018-04-03 11:35:00
End at: 2018-04-03 11:35:30
Local clock offset: 0.362 ms
Remote clock offset: 7.89 ms

Below is generated by plot.py at 2018-04-03 13:39:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.23 Mbit/s
95th percentile per-packet one-way delay: 37.339 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 60.23 Mbit/s
95th percentile per-packet one-way delay: 37.339 ms
Loss rate: 0.21%

Run 7: Report of TCP Vegas — Data Link

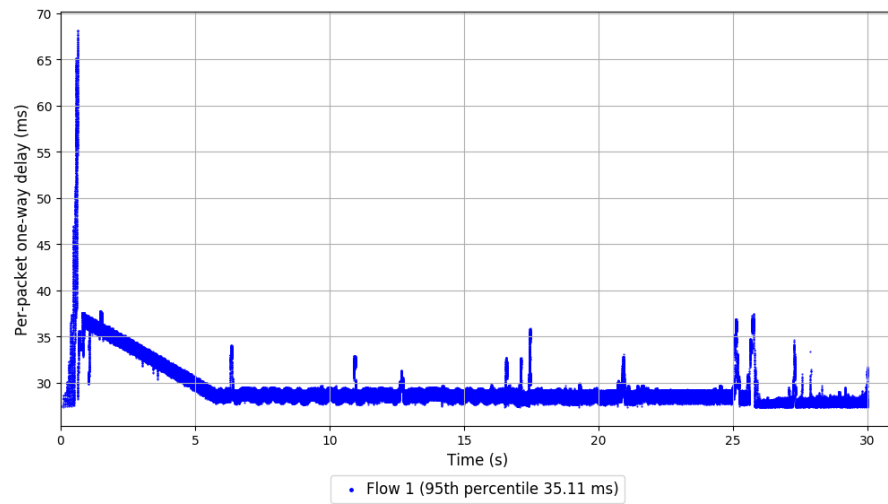
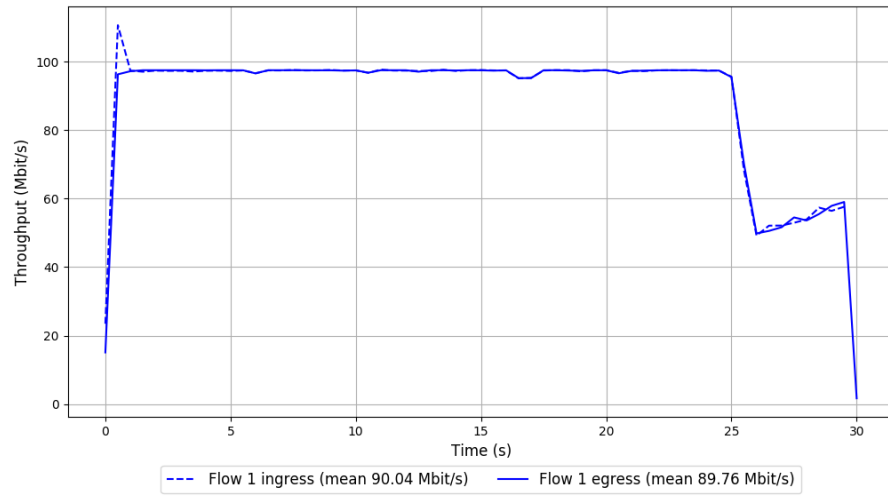


Run 8: Statistics of TCP Vegas

Start at: 2018-04-03 11:59:39
End at: 2018-04-03 12:00:09
Local clock offset: 0.286 ms
Remote clock offset: 10.847 ms

Below is generated by plot.py at 2018-04-03 13:39:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.76 Mbit/s
95th percentile per-packet one-way delay: 35.109 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 89.76 Mbit/s
95th percentile per-packet one-way delay: 35.109 ms
Loss rate: 0.31%

Run 8: Report of TCP Vegas — Data Link

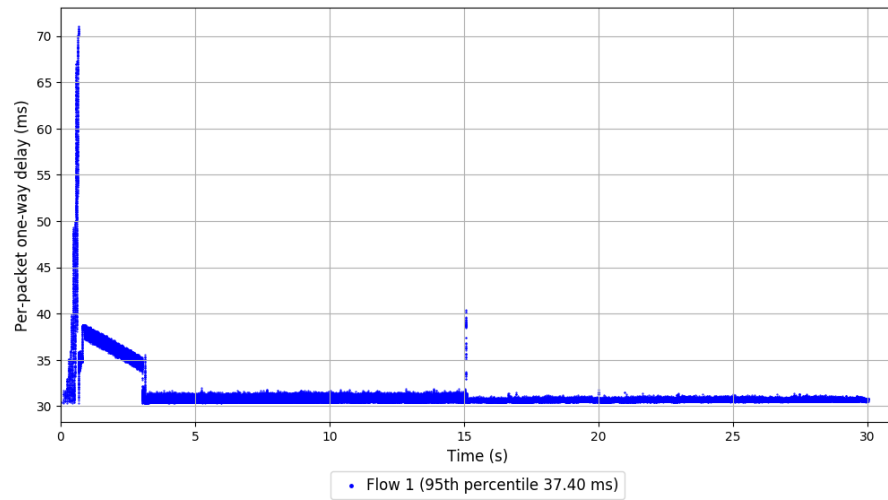
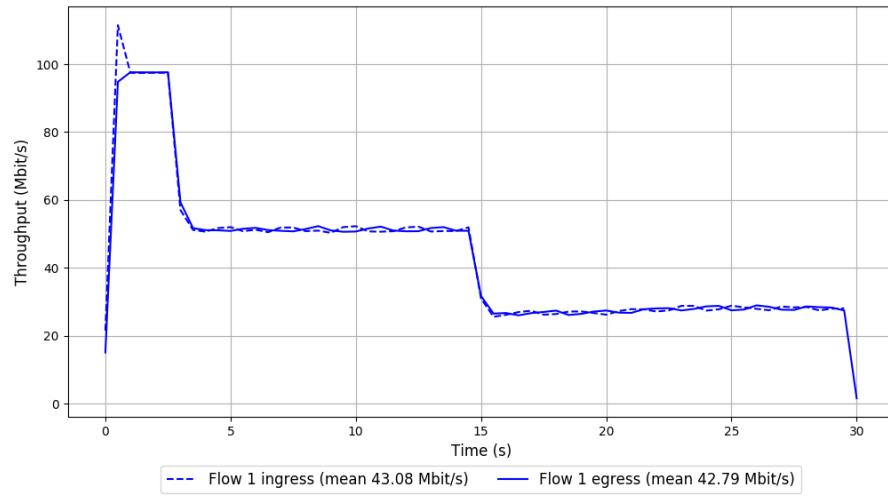


Run 9: Statistics of TCP Vegas

Start at: 2018-04-03 12:24:26
End at: 2018-04-03 12:24:56
Local clock offset: -0.052 ms
Remote clock offset: -4.683 ms

Below is generated by plot.py at 2018-04-03 13:39:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.79 Mbit/s
95th percentile per-packet one-way delay: 37.395 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 42.79 Mbit/s
95th percentile per-packet one-way delay: 37.395 ms
Loss rate: 0.66%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-04-03 12:49:04

End at: 2018-04-03 12:49:34

Local clock offset: -0.128 ms

Remote clock offset: -4.96 ms

Below is generated by plot.py at 2018-04-03 13:39:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.47 Mbit/s

95th percentile per-packet one-way delay: 38.790 ms

Loss rate: 0.48%

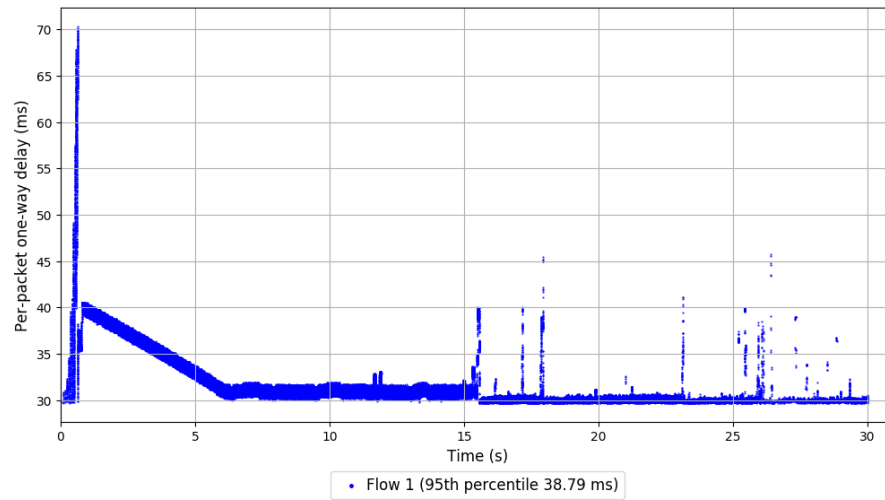
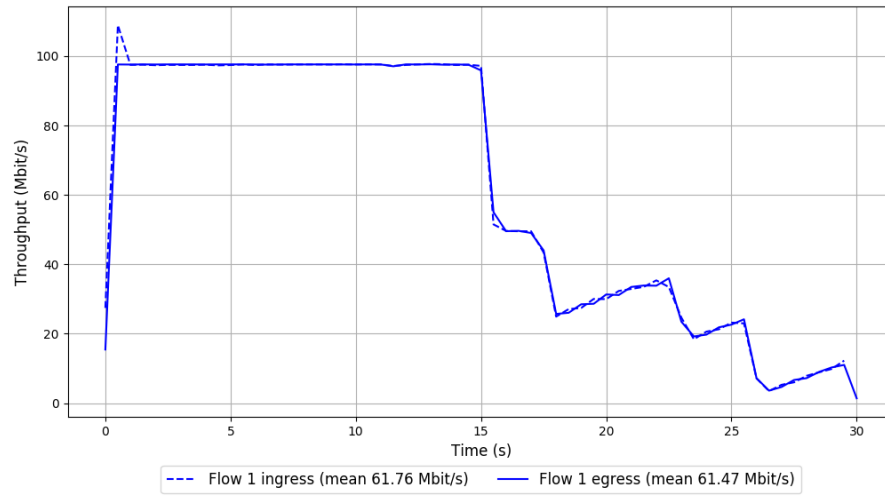
-- Flow 1:

Average throughput: 61.47 Mbit/s

95th percentile per-packet one-way delay: 38.790 ms

Loss rate: 0.48%

Run 10: Report of TCP Vegas — Data Link

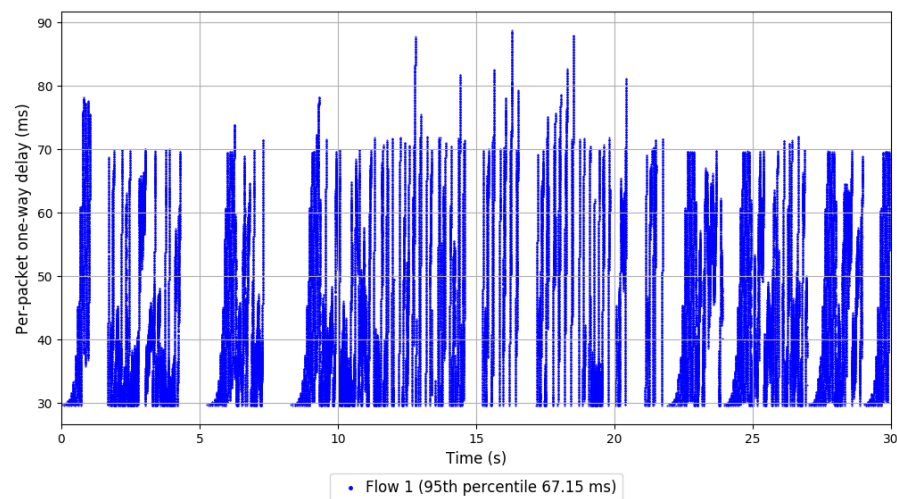
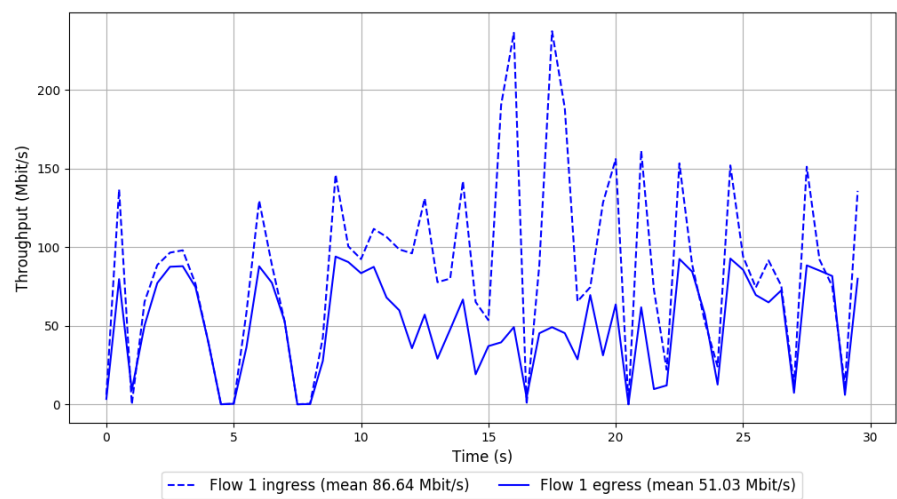


Run 1: Statistics of Verus

Start at: 2018-04-03 09:05:57
End at: 2018-04-03 09:06:27
Local clock offset: -0.271 ms
Remote clock offset: -0.561 ms

Below is generated by plot.py at 2018-04-03 13:39:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.03 Mbit/s
95th percentile per-packet one-way delay: 67.151 ms
Loss rate: 41.09%
-- Flow 1:
Average throughput: 51.03 Mbit/s
95th percentile per-packet one-way delay: 67.151 ms
Loss rate: 41.09%

Run 1: Report of Verus — Data Link

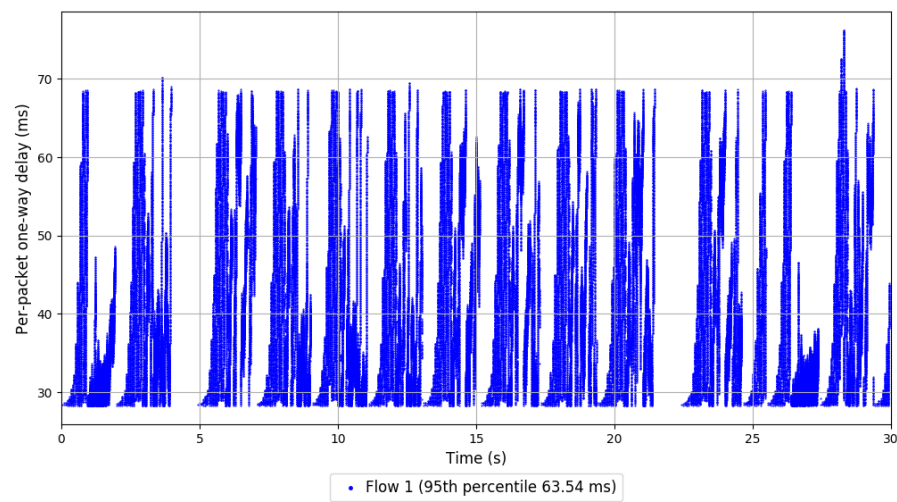
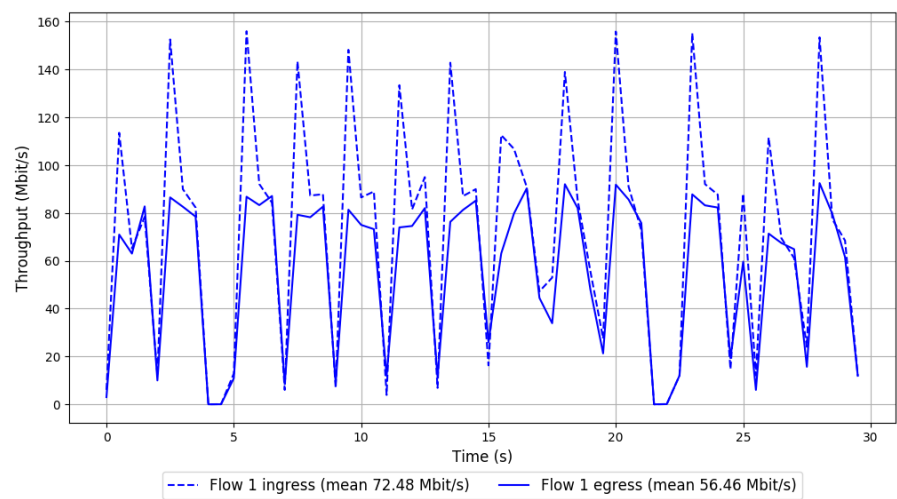


Run 2: Statistics of Verus

Start at: 2018-04-03 09:31:01
End at: 2018-04-03 09:31:31
Local clock offset: -0.078 ms
Remote clock offset: -3.515 ms

Below is generated by plot.py at 2018-04-03 13:39:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.46 Mbit/s
95th percentile per-packet one-way delay: 63.542 ms
Loss rate: 22.06%
-- Flow 1:
Average throughput: 56.46 Mbit/s
95th percentile per-packet one-way delay: 63.542 ms
Loss rate: 22.06%

Run 2: Report of Verus — Data Link

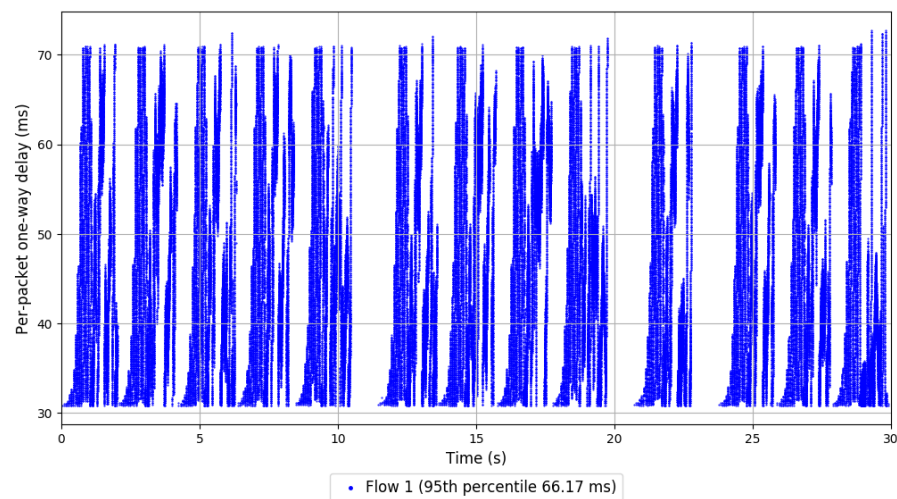
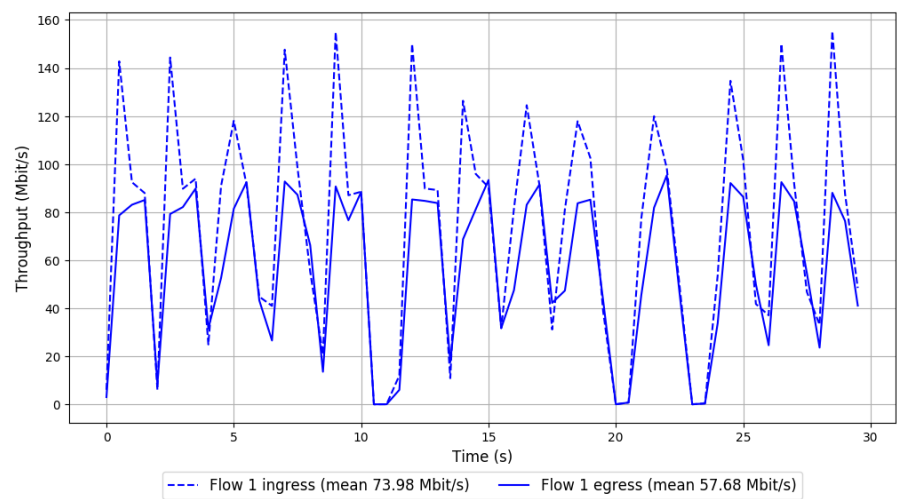


Run 3: Statistics of Verus

Start at: 2018-04-03 09:55:40
End at: 2018-04-03 09:56:10
Local clock offset: 0.088 ms
Remote clock offset: -1.117 ms

Below is generated by plot.py at 2018-04-03 13:40:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.68 Mbit/s
95th percentile per-packet one-way delay: 66.166 ms
Loss rate: 22.04%
-- Flow 1:
Average throughput: 57.68 Mbit/s
95th percentile per-packet one-way delay: 66.166 ms
Loss rate: 22.04%

Run 3: Report of Verus — Data Link

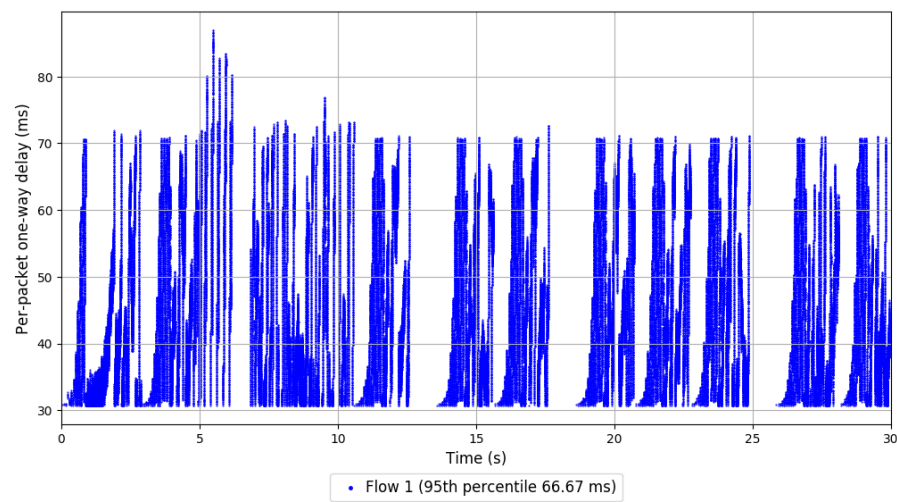
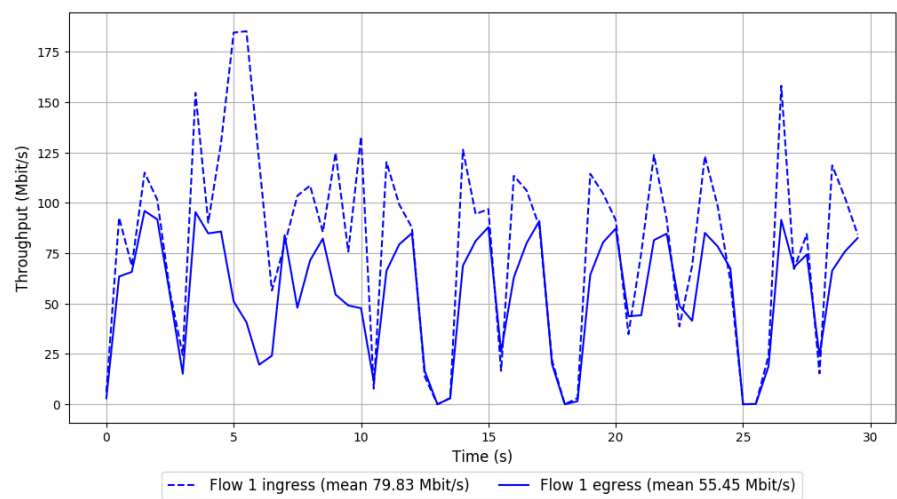


Run 4: Statistics of Verus

Start at: 2018-04-03 10:20:14
End at: 2018-04-03 10:20:44
Local clock offset: 0.327 ms
Remote clock offset: -1.315 ms

Below is generated by plot.py at 2018-04-03 13:40:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.45 Mbit/s
95th percentile per-packet one-way delay: 66.674 ms
Loss rate: 30.52%
-- Flow 1:
Average throughput: 55.45 Mbit/s
95th percentile per-packet one-way delay: 66.674 ms
Loss rate: 30.52%

Run 4: Report of Verus — Data Link

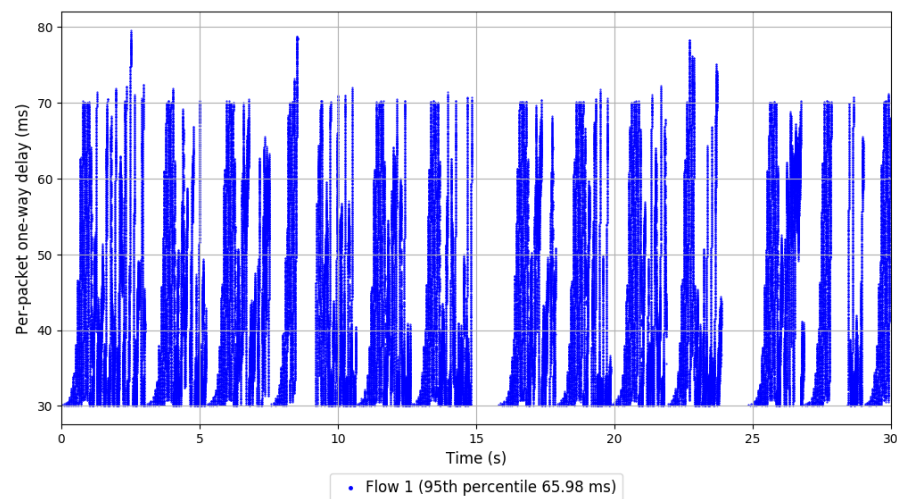
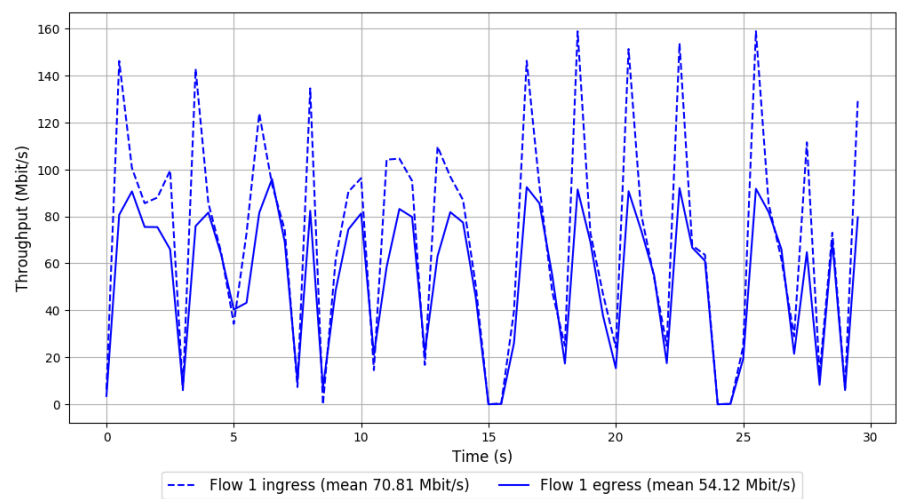


Run 5: Statistics of Verus

Start at: 2018-04-03 10:45:23
End at: 2018-04-03 10:45:53
Local clock offset: 0.431 ms
Remote clock offset: -1.588 ms

Below is generated by plot.py at 2018-04-03 13:40:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.12 Mbit/s
95th percentile per-packet one-way delay: 65.977 ms
Loss rate: 23.50%
-- Flow 1:
Average throughput: 54.12 Mbit/s
95th percentile per-packet one-way delay: 65.977 ms
Loss rate: 23.50%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-04-03 11:10:28

End at: 2018-04-03 11:10:58

Local clock offset: 0.239 ms

Remote clock offset: 5.98 ms

Below is generated by plot.py at 2018-04-03 13:40:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.05 Mbit/s

95th percentile per-packet one-way delay: 67.152 ms

Loss rate: 48.15%

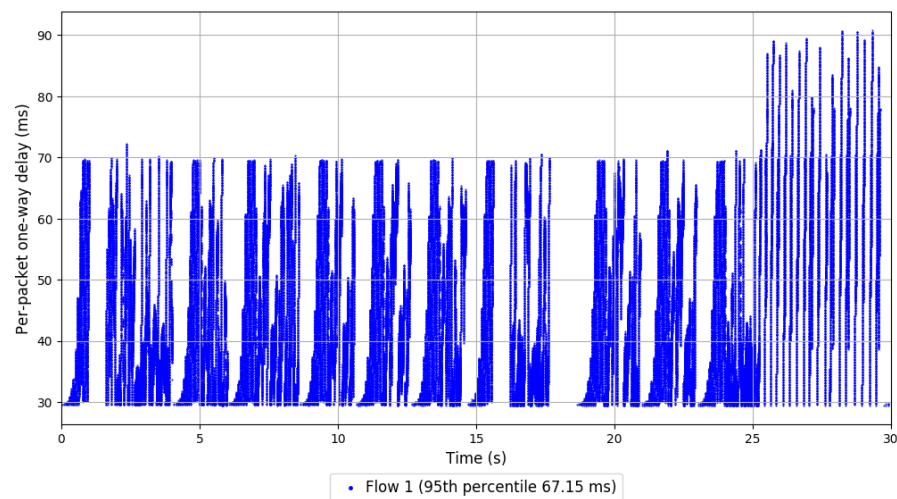
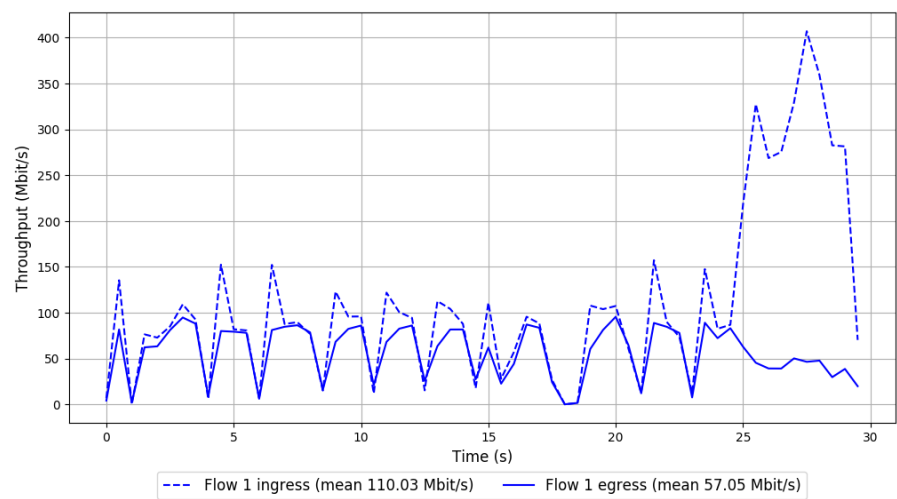
-- Flow 1:

Average throughput: 57.05 Mbit/s

95th percentile per-packet one-way delay: 67.152 ms

Loss rate: 48.15%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-04-03 11:36:22

End at: 2018-04-03 11:36:52

Local clock offset: 0.34 ms

Remote clock offset: 8.071 ms

Below is generated by plot.py at 2018-04-03 13:40:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.30 Mbit/s

95th percentile per-packet one-way delay: 62.766 ms

Loss rate: 21.81%

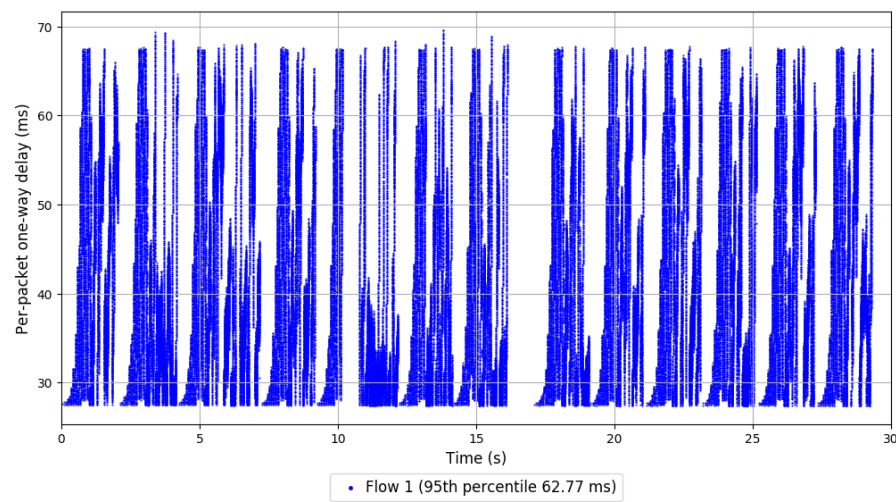
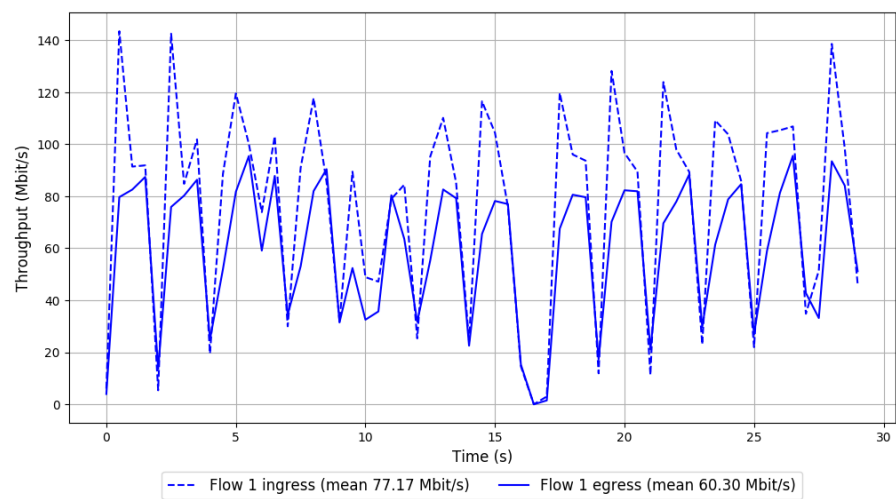
-- Flow 1:

Average throughput: 60.30 Mbit/s

95th percentile per-packet one-way delay: 62.766 ms

Loss rate: 21.81%

Run 7: Report of Verus — Data Link

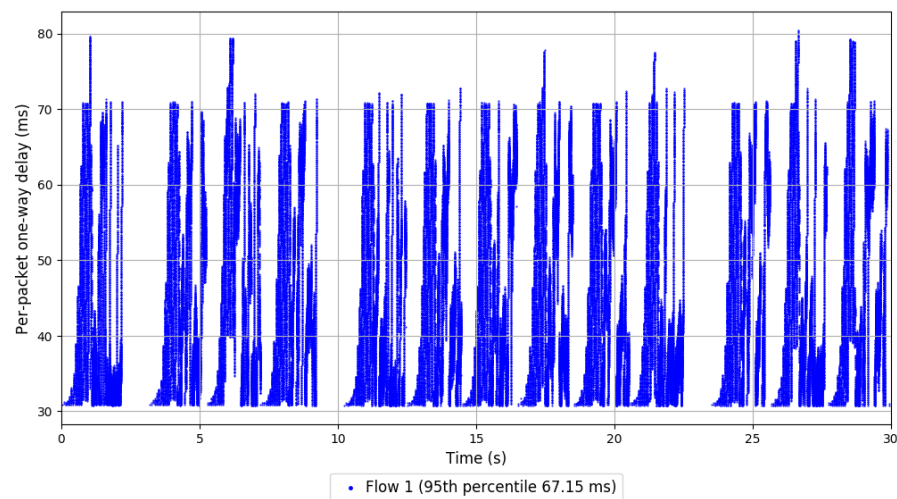
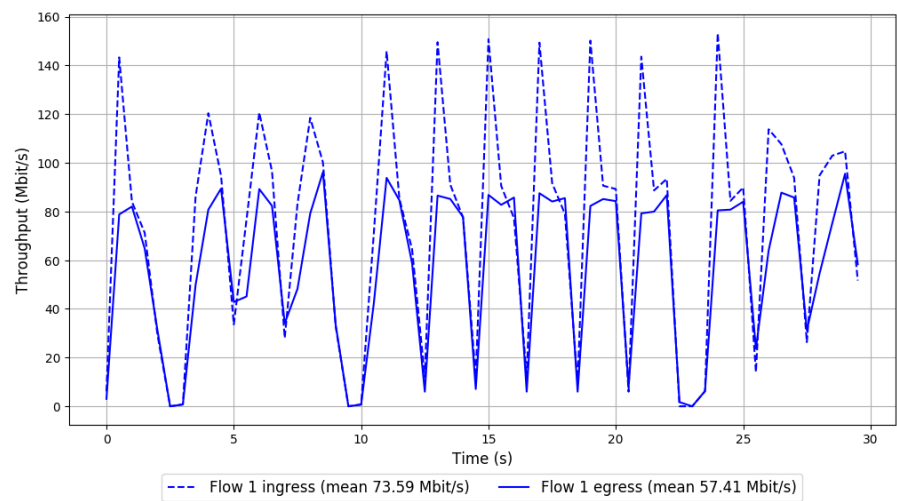


Run 8: Statistics of Verus

Start at: 2018-04-03 12:01:01
End at: 2018-04-03 12:01:31
Local clock offset: 0.193 ms
Remote clock offset: 13.574 ms

Below is generated by plot.py at 2018-04-03 13:40:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.41 Mbit/s
95th percentile per-packet one-way delay: 67.150 ms
Loss rate: 21.99%
-- Flow 1:
Average throughput: 57.41 Mbit/s
95th percentile per-packet one-way delay: 67.150 ms
Loss rate: 21.99%

Run 8: Report of Verus — Data Link

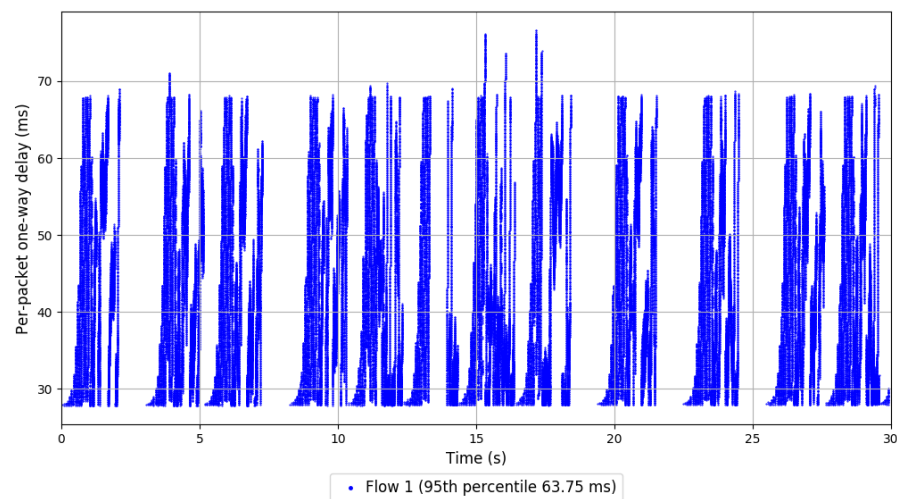
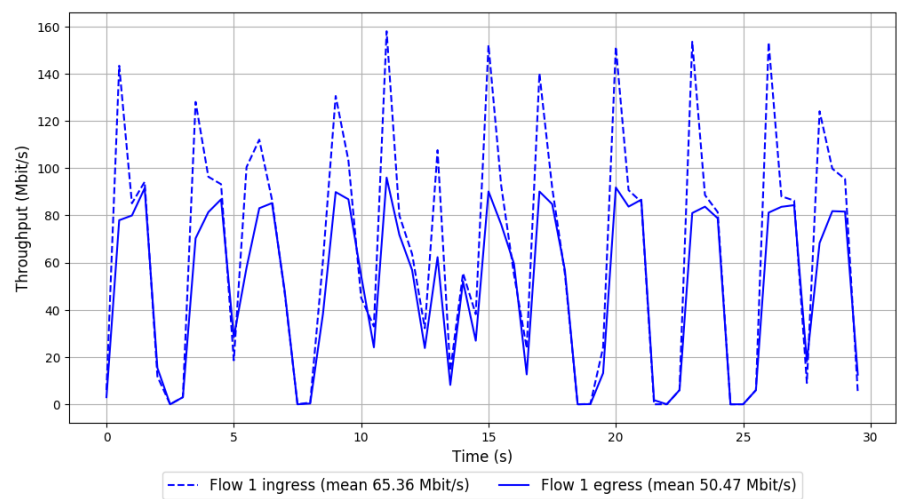


Run 9: Statistics of Verus

Start at: 2018-04-03 12:25:45
End at: 2018-04-03 12:26:15
Local clock offset: -0.176 ms
Remote clock offset: -6.991 ms

Below is generated by plot.py at 2018-04-03 13:40:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.47 Mbit/s
95th percentile per-packet one-way delay: 63.750 ms
Loss rate: 22.77%
-- Flow 1:
Average throughput: 50.47 Mbit/s
95th percentile per-packet one-way delay: 63.750 ms
Loss rate: 22.77%

Run 9: Report of Verus — Data Link

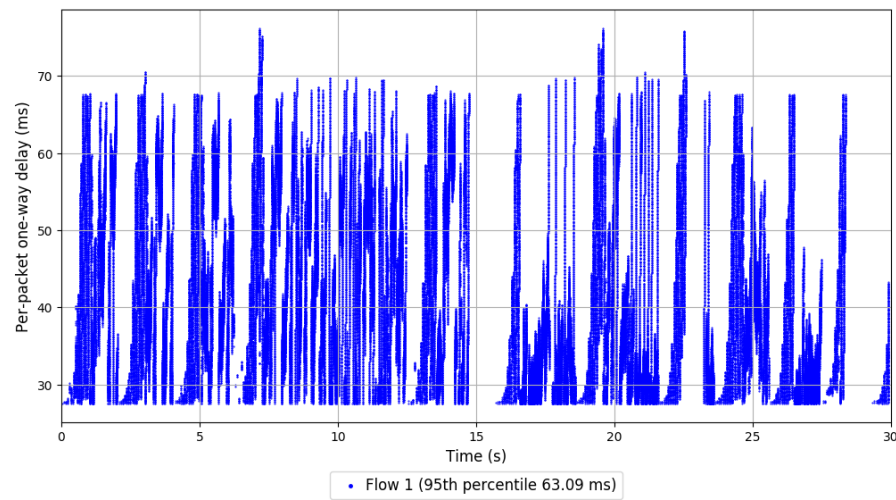
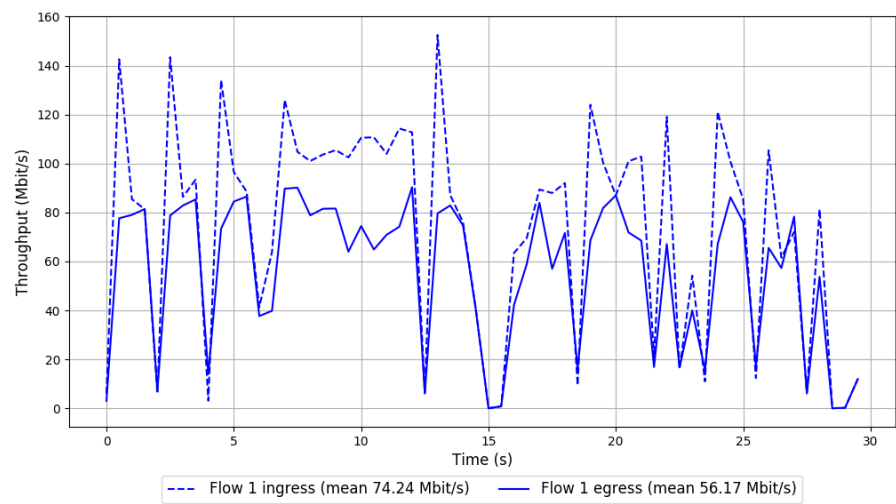


Run 10: Statistics of Verus

Start at: 2018-04-03 12:50:24
End at: 2018-04-03 12:50:54
Local clock offset: -0.021 ms
Remote clock offset: -6.933 ms

Below is generated by plot.py at 2018-04-03 13:40:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.17 Mbit/s
95th percentile per-packet one-way delay: 63.095 ms
Loss rate: 24.29%
-- Flow 1:
Average throughput: 56.17 Mbit/s
95th percentile per-packet one-way delay: 63.095 ms
Loss rate: 24.29%

Run 10: Report of Verus — Data Link

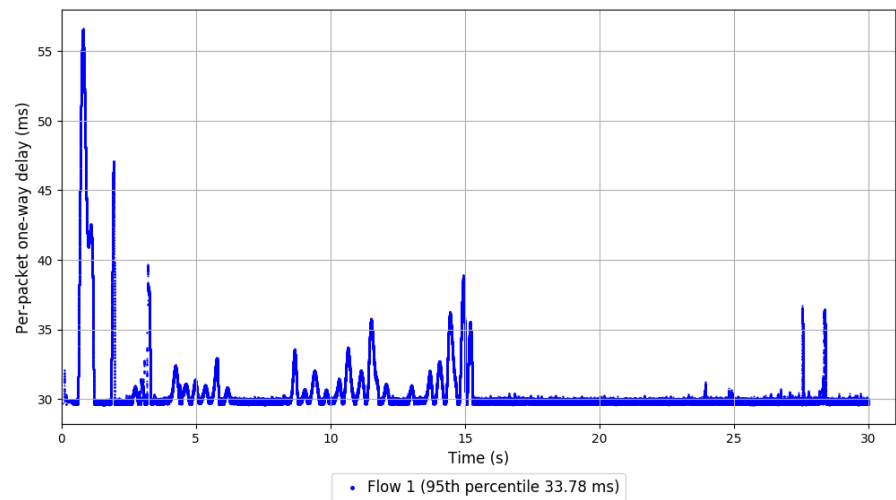
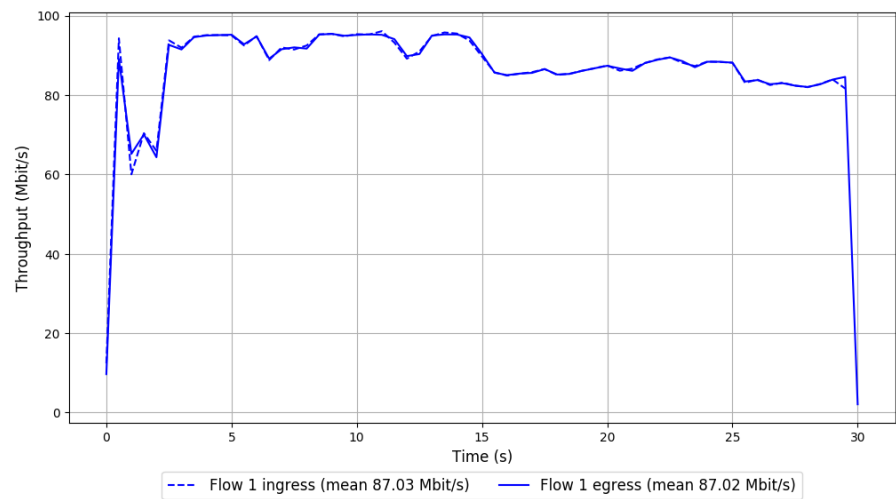


Run 1: Statistics of Copa

Start at: 2018-04-03 09:07:20
End at: 2018-04-03 09:07:50
Local clock offset: -0.29 ms
Remote clock offset: -0.546 ms

Below is generated by plot.py at 2018-04-03 13:42:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 33.776 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 33.776 ms
Loss rate: 0.01%

Run 1: Report of Copa — Data Link

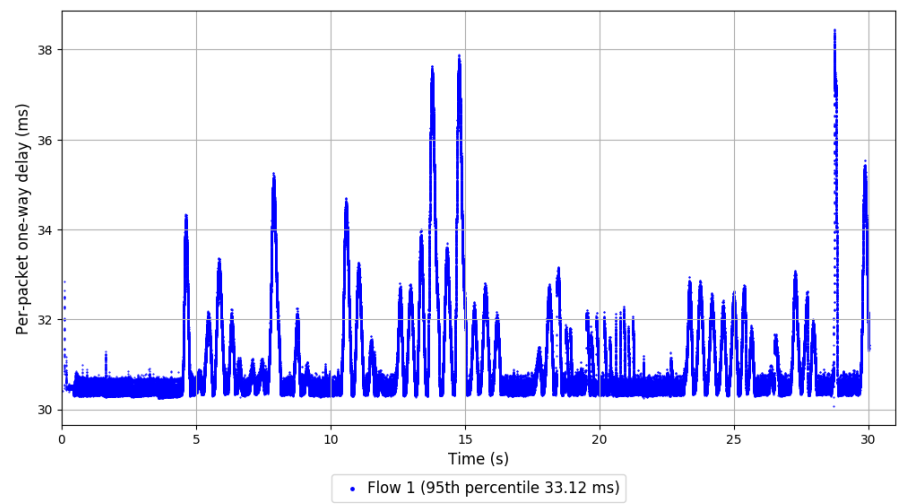
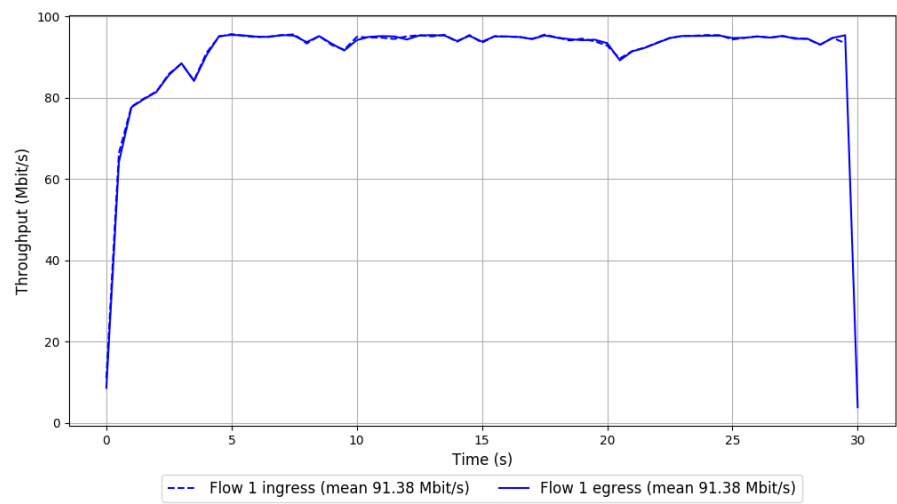


Run 2: Statistics of Copa

Start at: 2018-04-03 09:32:25
End at: 2018-04-03 09:32:55
Local clock offset: 0.052 ms
Remote clock offset: -1.498 ms

Below is generated by plot.py at 2018-04-03 13:42:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.38 Mbit/s
95th percentile per-packet one-way delay: 33.120 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.38 Mbit/s
95th percentile per-packet one-way delay: 33.120 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

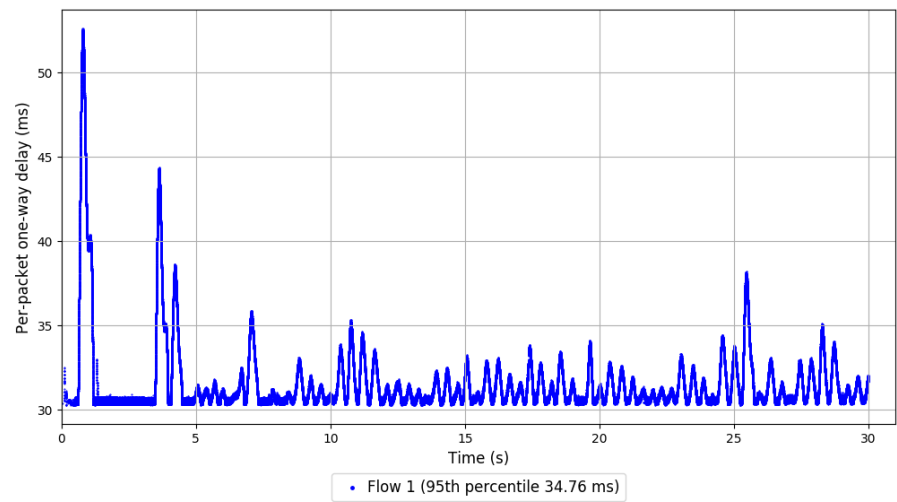
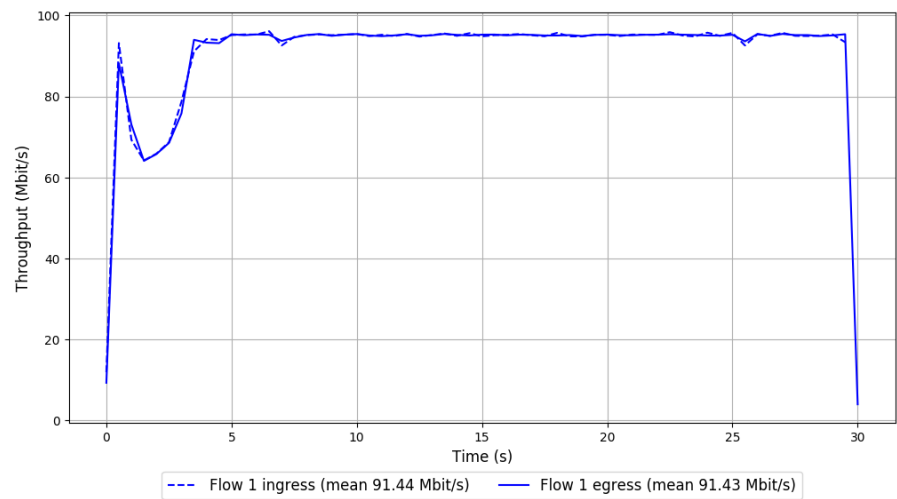


Run 3: Statistics of Copa

Start at: 2018-04-03 09:57:04
End at: 2018-04-03 09:57:34
Local clock offset: 0.186 ms
Remote clock offset: -1.603 ms

Below is generated by plot.py at 2018-04-03 13:42:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.43 Mbit/s
95th percentile per-packet one-way delay: 34.759 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.43 Mbit/s
95th percentile per-packet one-way delay: 34.759 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

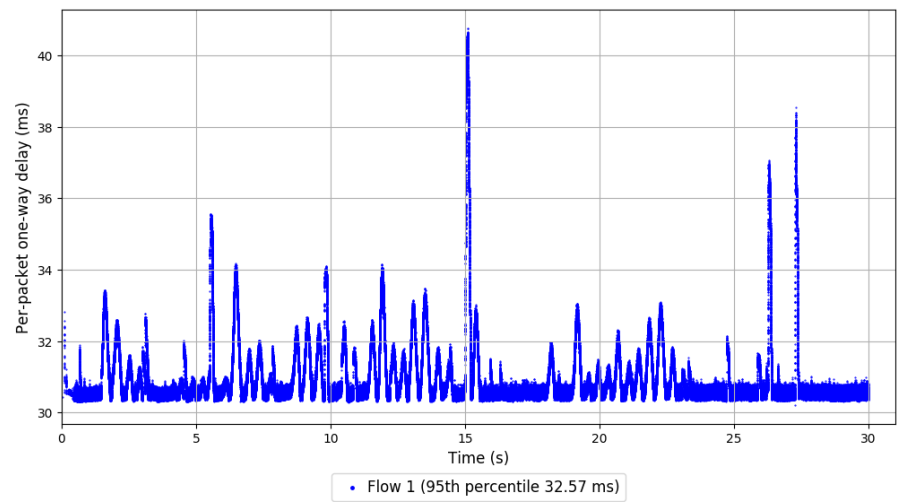
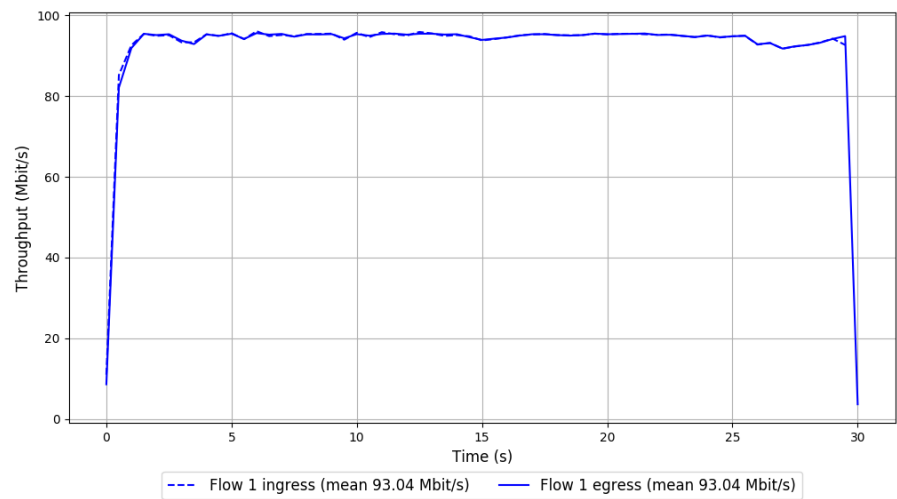


Run 4: Statistics of Copa

Start at: 2018-04-03 10:21:38
End at: 2018-04-03 10:22:08
Local clock offset: 0.366 ms
Remote clock offset: -1.746 ms

Below is generated by plot.py at 2018-04-03 13:42:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 32.571 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 32.571 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

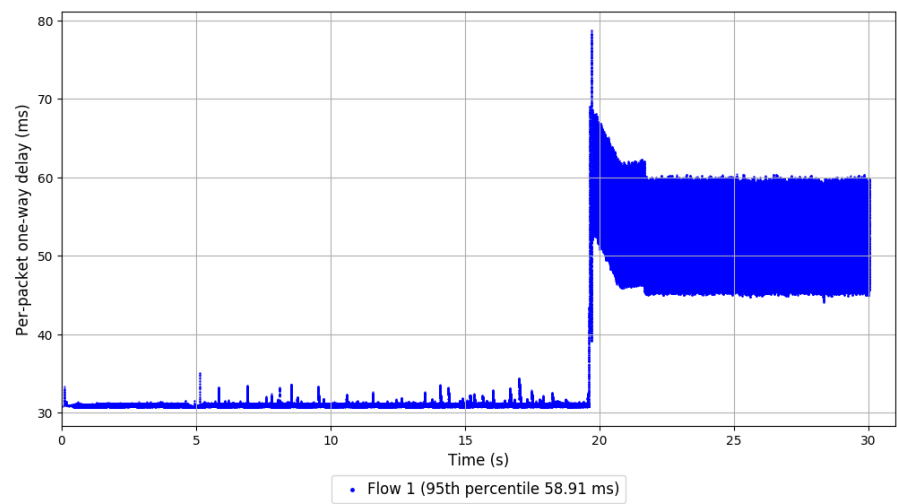
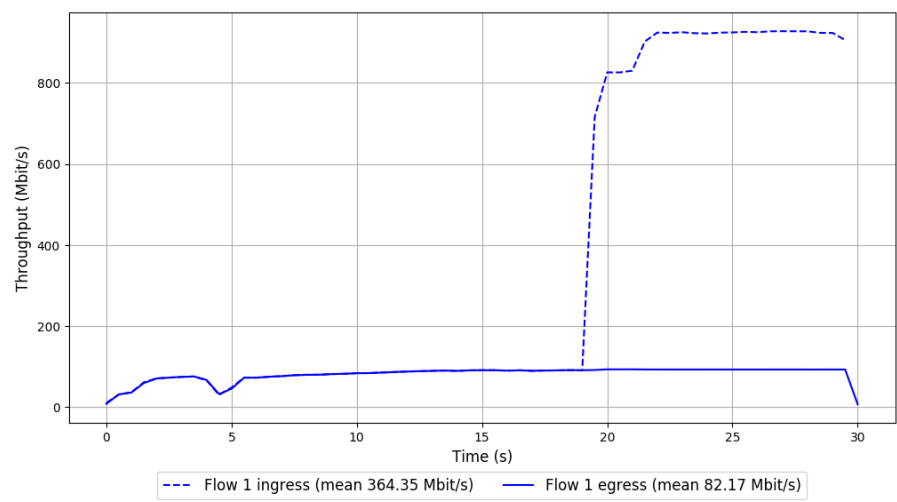


Run 5: Statistics of Copa

Start at: 2018-04-03 10:46:51
End at: 2018-04-03 10:47:21
Local clock offset: 0.469 ms
Remote clock offset: -1.593 ms

Below is generated by plot.py at 2018-04-03 13:45:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.17 Mbit/s
95th percentile per-packet one-way delay: 58.912 ms
Loss rate: 77.43%
-- Flow 1:
Average throughput: 82.17 Mbit/s
95th percentile per-packet one-way delay: 58.912 ms
Loss rate: 77.43%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-04-03 11:11:50

End at: 2018-04-03 11:12:21

Local clock offset: 0.21 ms

Remote clock offset: 6.829 ms

Below is generated by plot.py at 2018-04-03 13:45:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.78 Mbit/s

95th percentile per-packet one-way delay: 33.405 ms

Loss rate: 0.01%

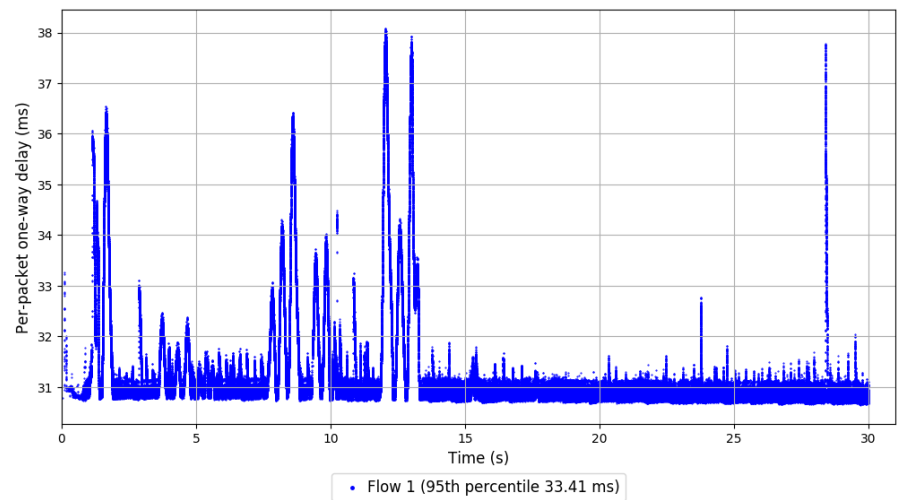
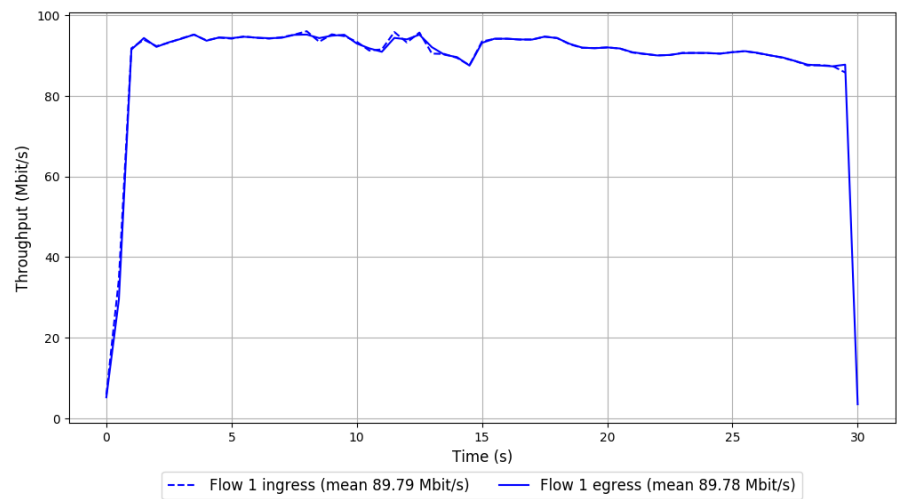
-- Flow 1:

Average throughput: 89.78 Mbit/s

95th percentile per-packet one-way delay: 33.405 ms

Loss rate: 0.01%

Run 6: Report of Copa — Data Link

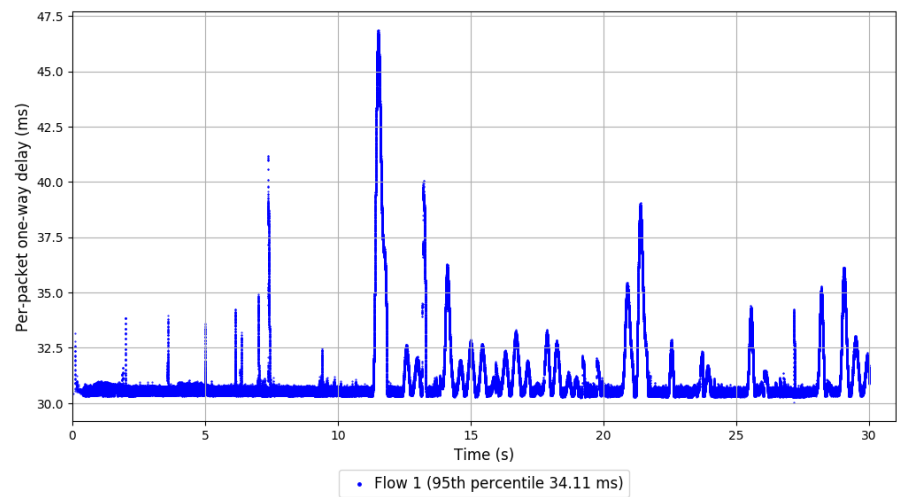
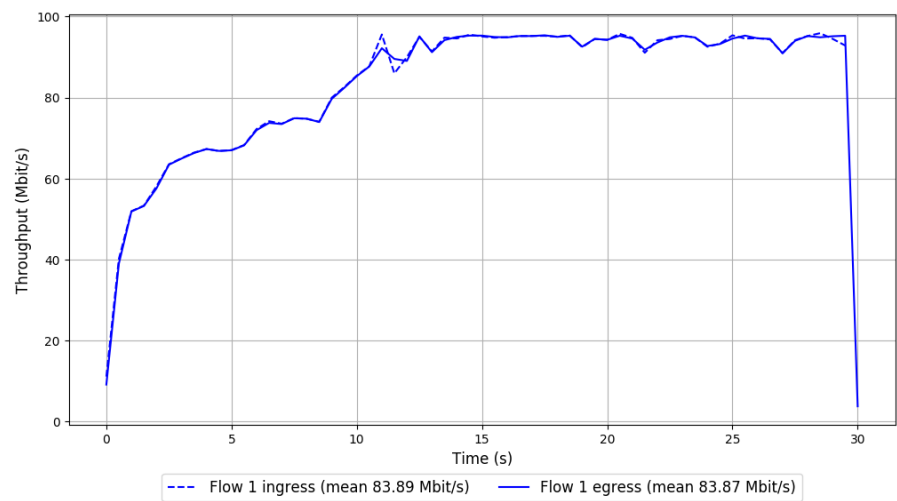


Run 7: Statistics of Copa

Start at: 2018-04-03 11:37:48
End at: 2018-04-03 11:38:18
Local clock offset: 0.329 ms
Remote clock offset: 10.385 ms

Below is generated by plot.py at 2018-04-03 13:45:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.87 Mbit/s
95th percentile per-packet one-way delay: 34.110 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 83.87 Mbit/s
95th percentile per-packet one-way delay: 34.110 ms
Loss rate: 0.02%

Run 7: Report of Copa — Data Link

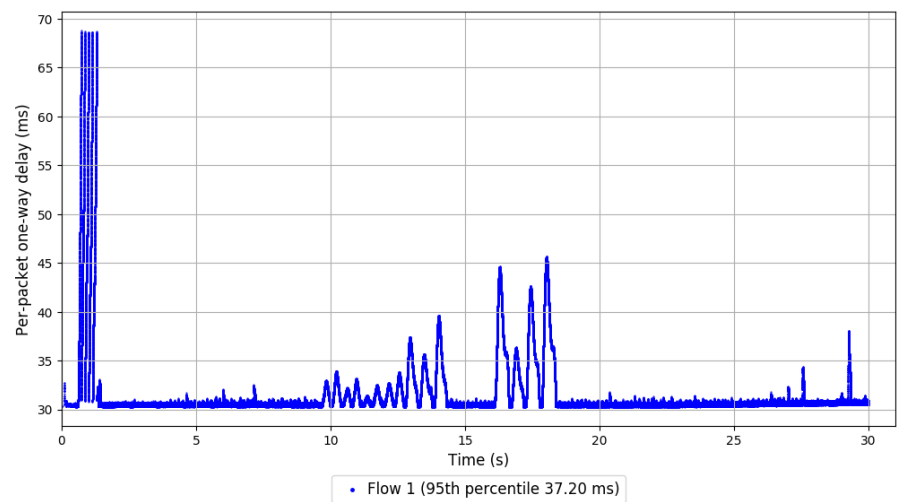
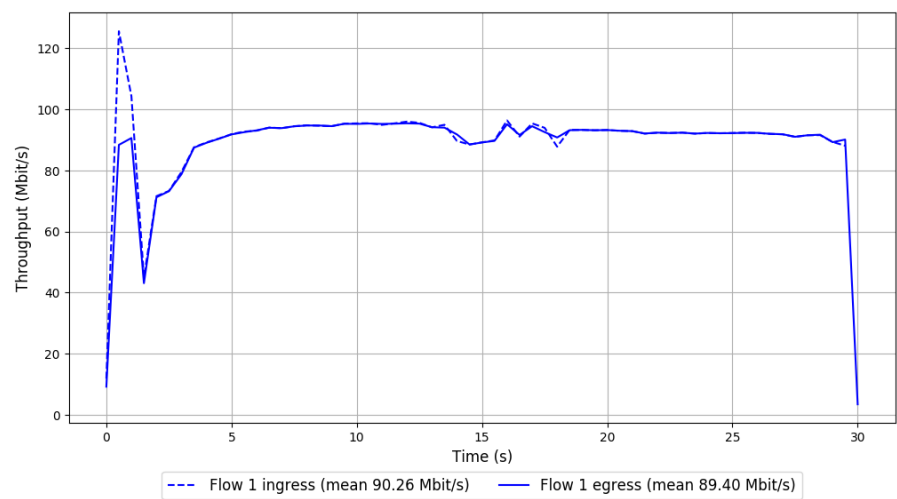


Run 8: Statistics of Copa

Start at: 2018-04-03 12:02:22
End at: 2018-04-03 12:02:52
Local clock offset: 0.248 ms
Remote clock offset: 13.282 ms

Below is generated by plot.py at 2018-04-03 13:45:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.40 Mbit/s
95th percentile per-packet one-way delay: 37.198 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 89.40 Mbit/s
95th percentile per-packet one-way delay: 37.198 ms
Loss rate: 0.95%

Run 8: Report of Copa — Data Link

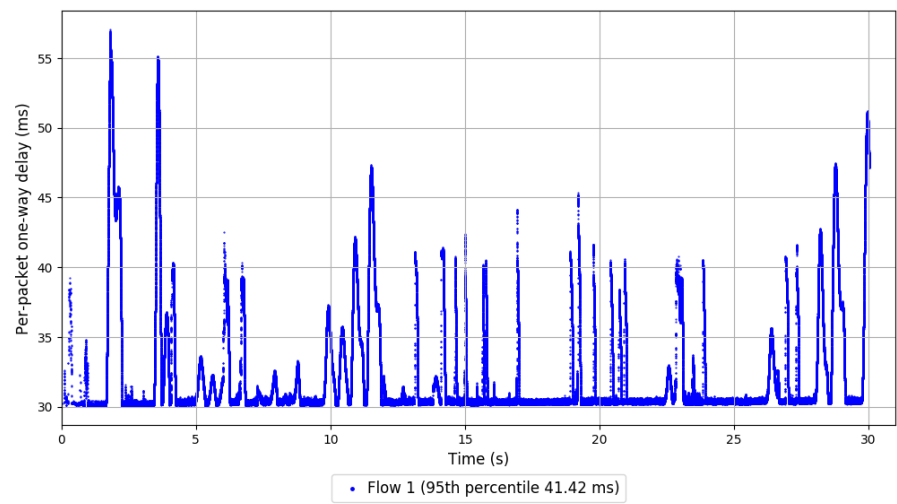
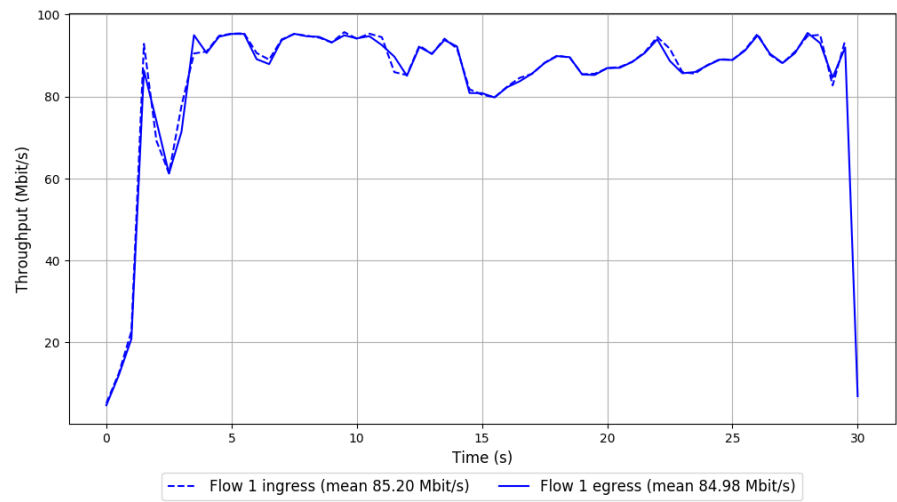


Run 9: Statistics of Copa

Start at: 2018-04-03 12:27:05
End at: 2018-04-03 12:27:35
Local clock offset: -0.096 ms
Remote clock offset: -5.076 ms

Below is generated by plot.py at 2018-04-03 13:45:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.98 Mbit/s
95th percentile per-packet one-way delay: 41.420 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 84.98 Mbit/s
95th percentile per-packet one-way delay: 41.420 ms
Loss rate: 0.20%

Run 9: Report of Copa — Data Link

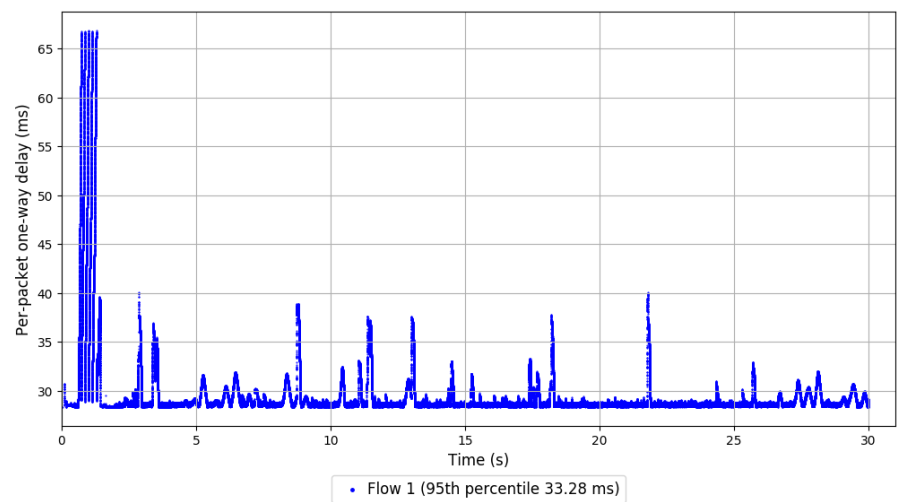
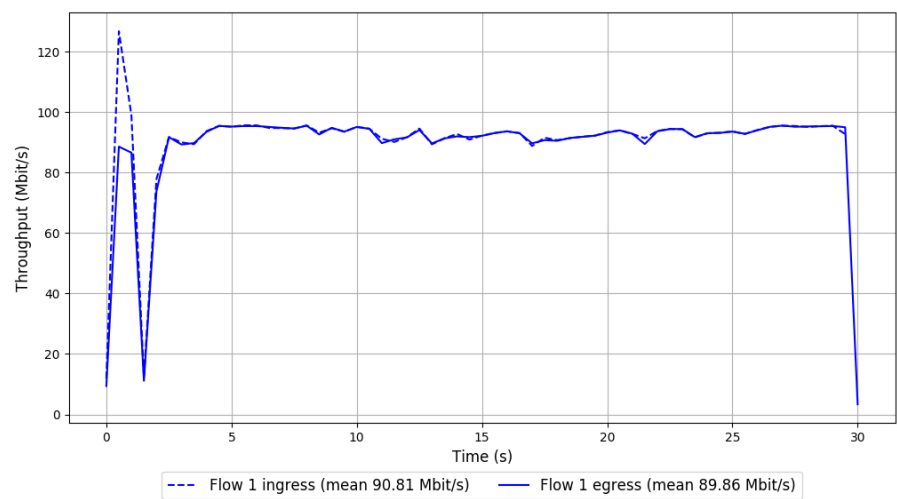


Run 10: Statistics of Copa

Start at: 2018-04-03 12:51:45
End at: 2018-04-03 12:52:15
Local clock offset: -0.106 ms
Remote clock offset: -6.895 ms

Below is generated by plot.py at 2018-04-03 13:45:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.86 Mbit/s
95th percentile per-packet one-way delay: 33.282 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 89.86 Mbit/s
95th percentile per-packet one-way delay: 33.282 ms
Loss rate: 1.05%

Run 10: Report of Copa — Data Link

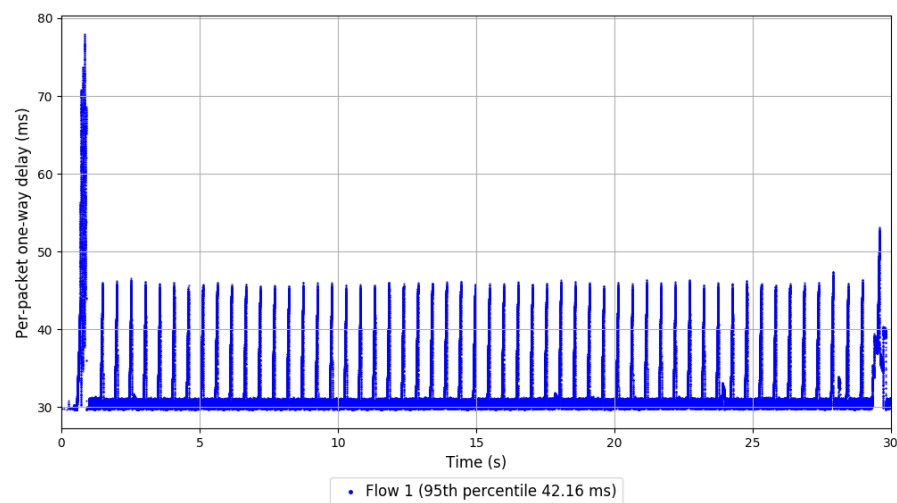
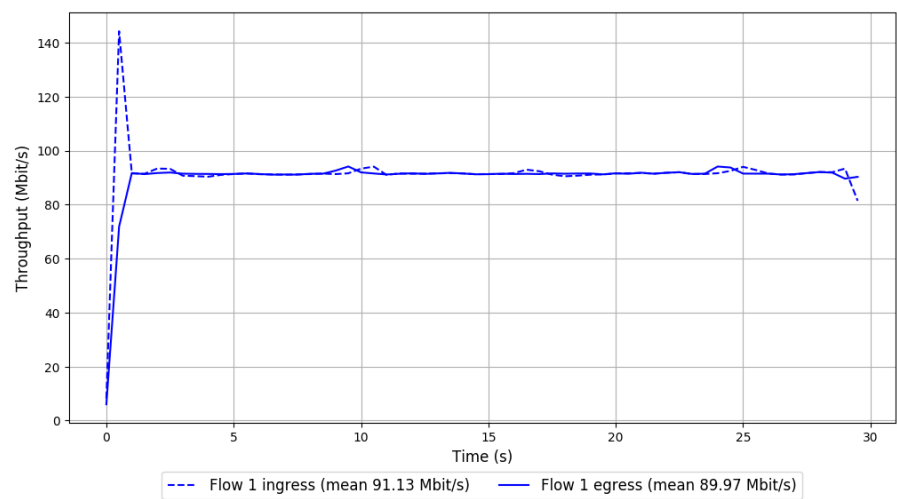


Run 1: Statistics of FillP

Start at: 2018-04-03 09:19:35
End at: 2018-04-03 09:20:05
Local clock offset: -0.27 ms
Remote clock offset: -1.023 ms

Below is generated by plot.py at 2018-04-03 13:45:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 42.157 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 42.157 ms
Loss rate: 1.27%

Run 1: Report of FillP — Data Link

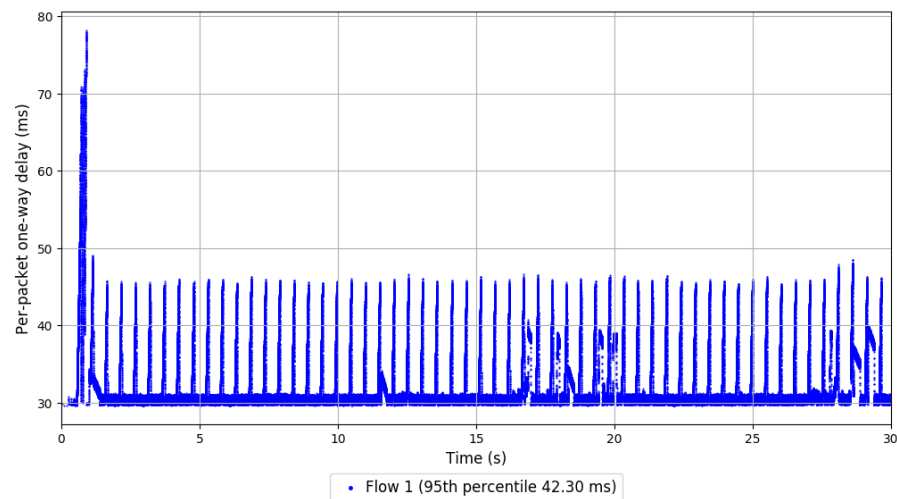
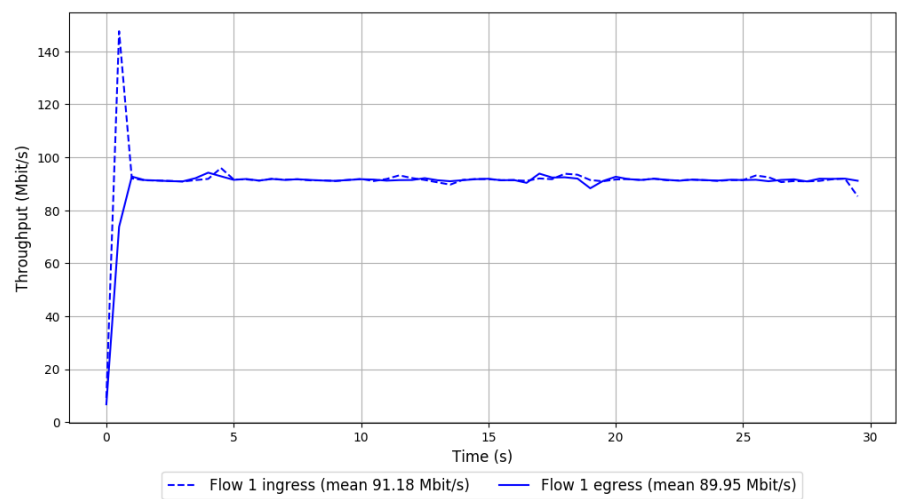


Run 2: Statistics of FillP

Start at: 2018-04-03 09:44:49
End at: 2018-04-03 09:45:19
Local clock offset: 0.004 ms
Remote clock offset: -1.727 ms

Below is generated by plot.py at 2018-04-03 13:45:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.95 Mbit/s
95th percentile per-packet one-way delay: 42.296 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 89.95 Mbit/s
95th percentile per-packet one-way delay: 42.296 ms
Loss rate: 1.34%

Run 2: Report of FillP — Data Link

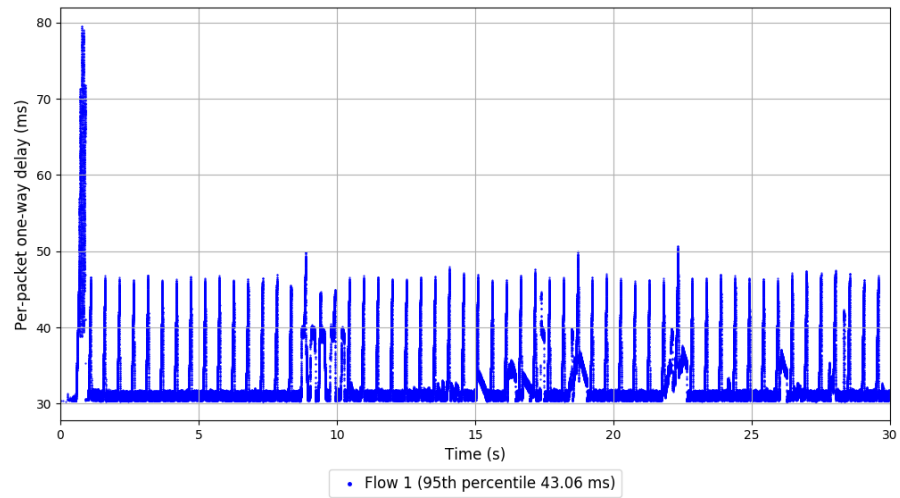
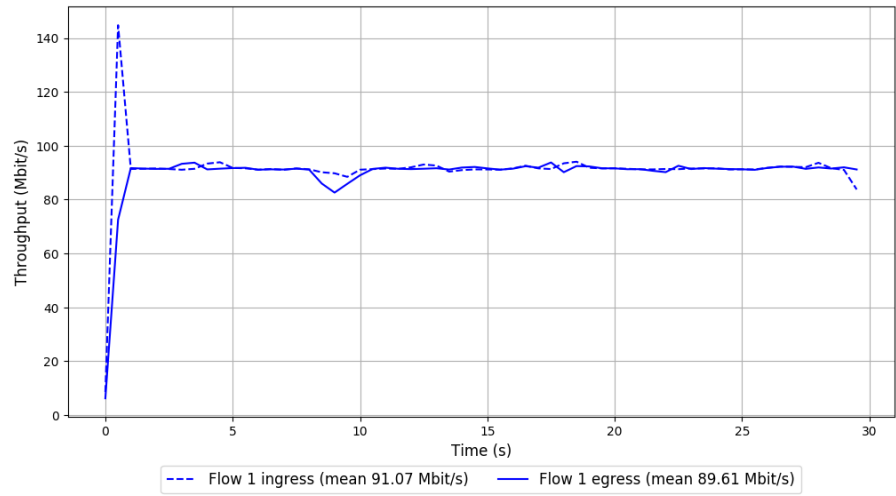


Run 3: Statistics of FillP

Start at: 2018-04-03 10:09:05
End at: 2018-04-03 10:09:35
Local clock offset: 0.238 ms
Remote clock offset: -1.641 ms

Below is generated by plot.py at 2018-04-03 13:45:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.61 Mbit/s
95th percentile per-packet one-way delay: 43.061 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 89.61 Mbit/s
95th percentile per-packet one-way delay: 43.061 ms
Loss rate: 1.60%

Run 3: Report of FillP — Data Link

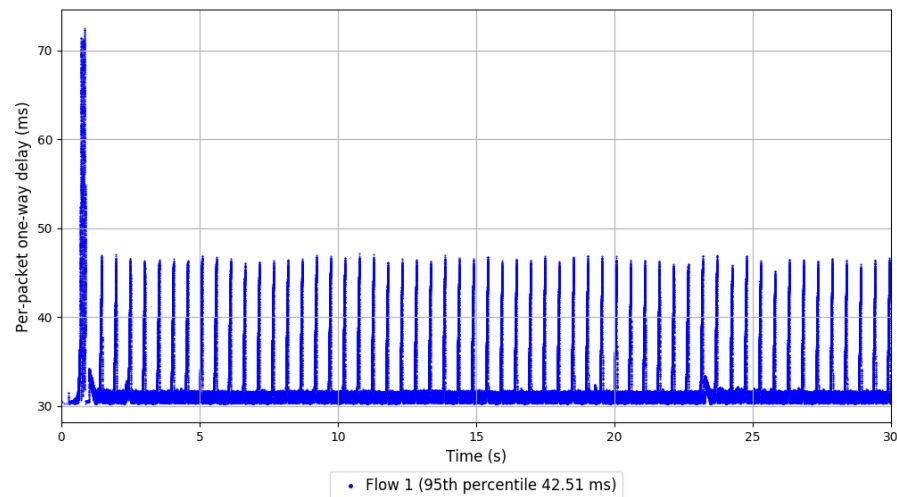
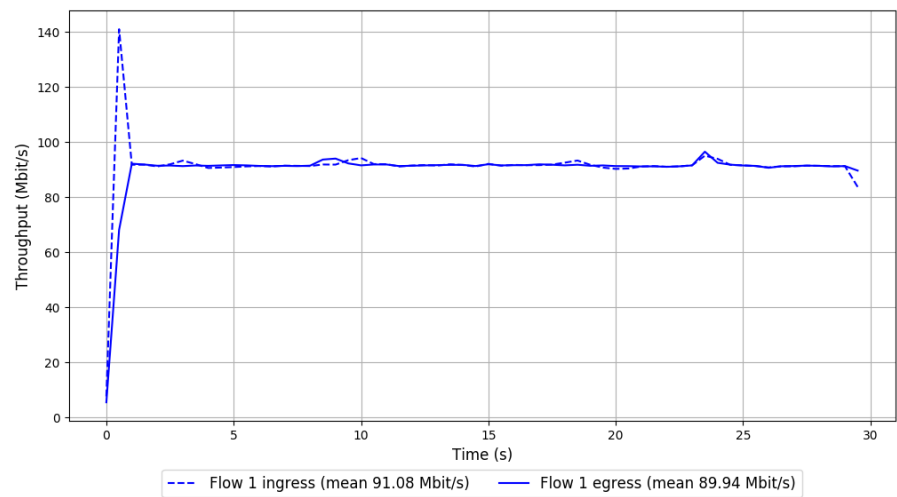


Run 4: Statistics of FillP

Start at: 2018-04-03 10:33:52
End at: 2018-04-03 10:34:22
Local clock offset: 0.41 ms
Remote clock offset: -1.903 ms

Below is generated by plot.py at 2018-04-03 13:45:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 42.512 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 42.512 ms
Loss rate: 1.26%

Run 4: Report of FillP — Data Link

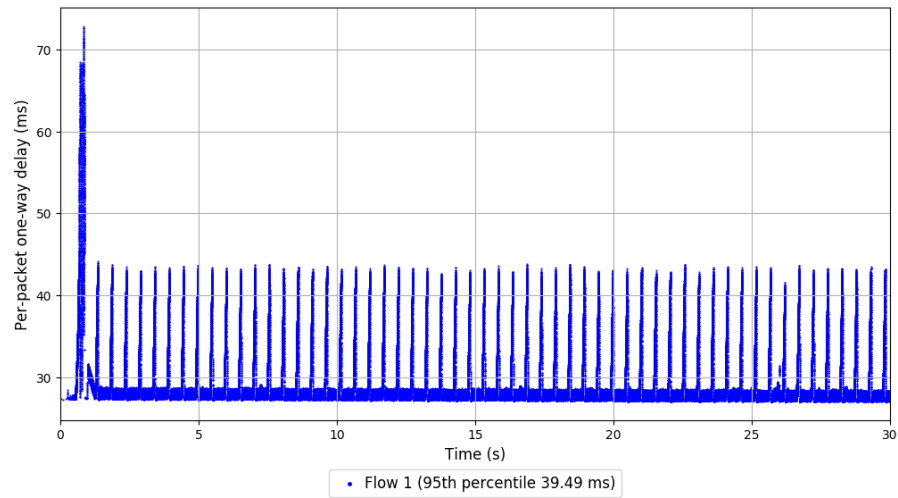
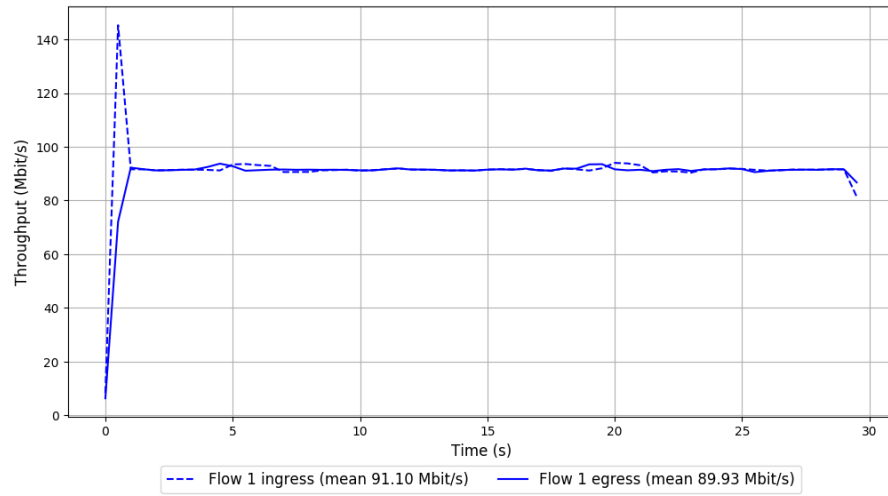


Run 5: Statistics of FillP

Start at: 2018-04-03 10:59:25
End at: 2018-04-03 10:59:55
Local clock offset: 0.414 ms
Remote clock offset: -0.575 ms

Below is generated by plot.py at 2018-04-03 13:45:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.93 Mbit/s
95th percentile per-packet one-way delay: 39.494 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 89.93 Mbit/s
95th percentile per-packet one-way delay: 39.494 ms
Loss rate: 1.29%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-04-03 11:24:30

End at: 2018-04-03 11:25:00

Local clock offset: 0.241 ms

Remote clock offset: 8.549 ms

Below is generated by plot.py at 2018-04-03 13:45:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.98 Mbit/s

95th percentile per-packet one-way delay: 42.876 ms

Loss rate: 1.61%

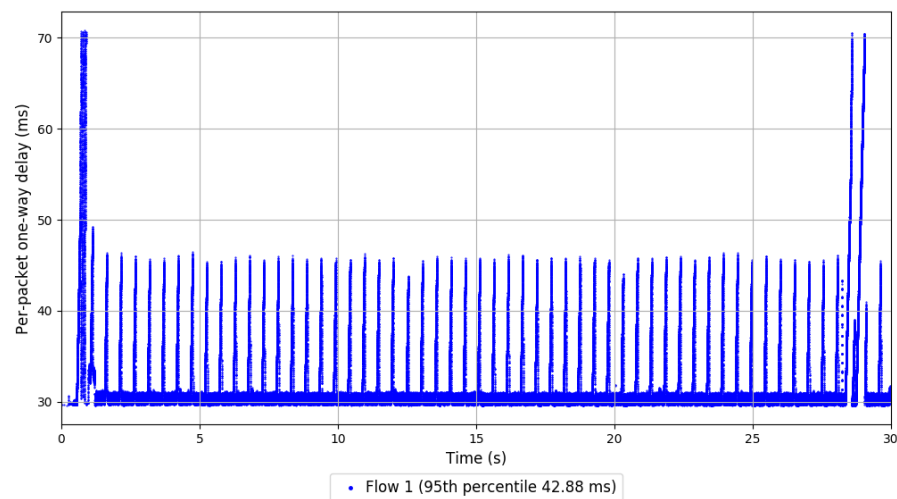
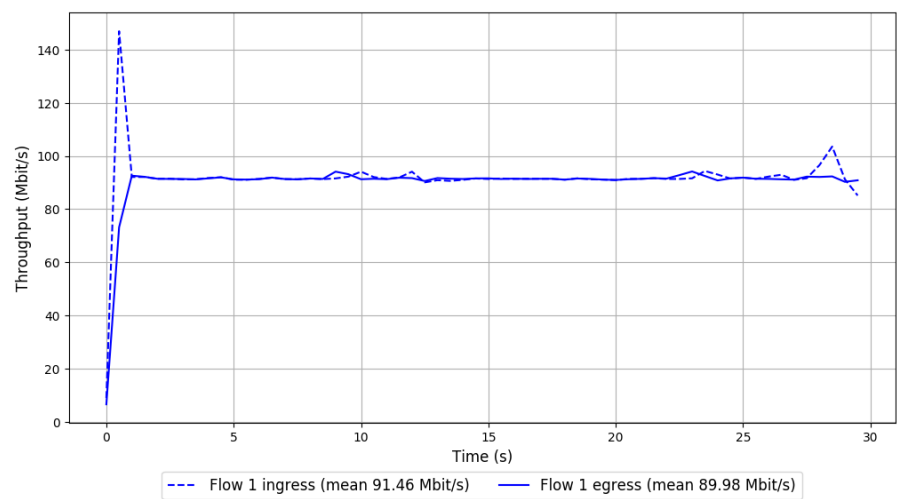
-- Flow 1:

Average throughput: 89.98 Mbit/s

95th percentile per-packet one-way delay: 42.876 ms

Loss rate: 1.61%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-04-03 11:50:06

End at: 2018-04-03 11:50:36

Local clock offset: 0.198 ms

Remote clock offset: 9.796 ms

Below is generated by plot.py at 2018-04-03 13:45:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.93 Mbit/s

95th percentile per-packet one-way delay: 41.198 ms

Loss rate: 1.38%

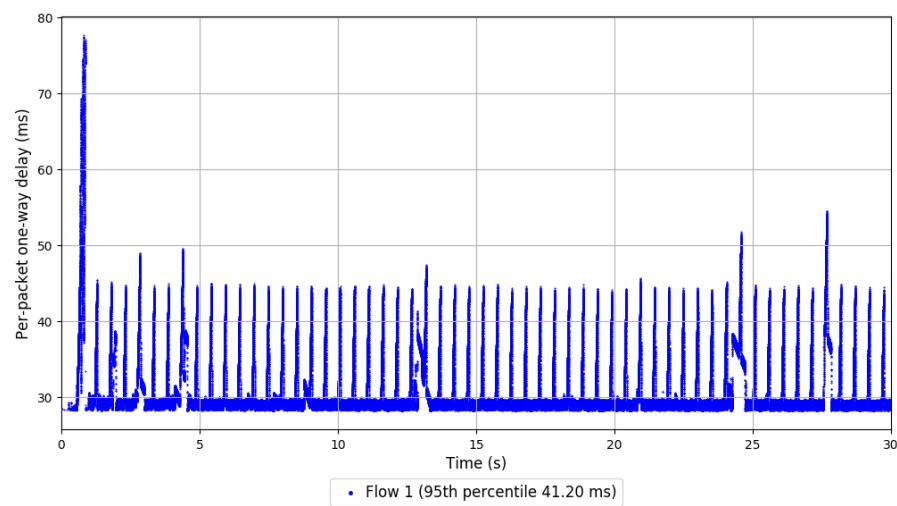
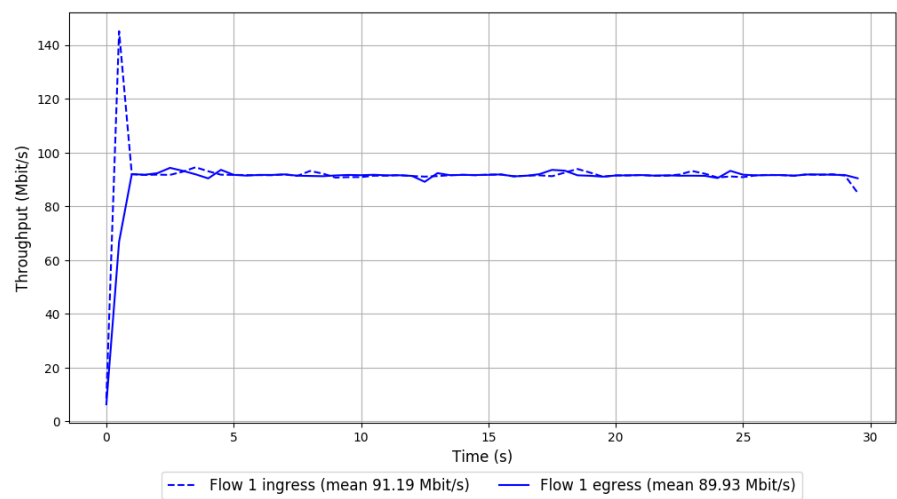
-- Flow 1:

Average throughput: 89.93 Mbit/s

95th percentile per-packet one-way delay: 41.198 ms

Loss rate: 1.38%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-04-03 12:14:30

End at: 2018-04-03 12:15:00

Local clock offset: 0.026 ms

Remote clock offset: 0.245 ms

Below is generated by plot.py at 2018-04-03 13:45:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.98 Mbit/s

95th percentile per-packet one-way delay: 43.108 ms

Loss rate: 1.29%

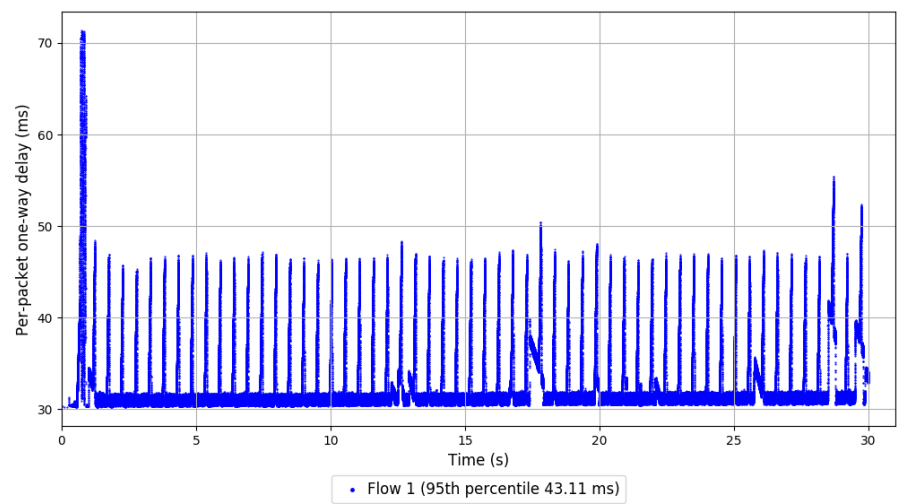
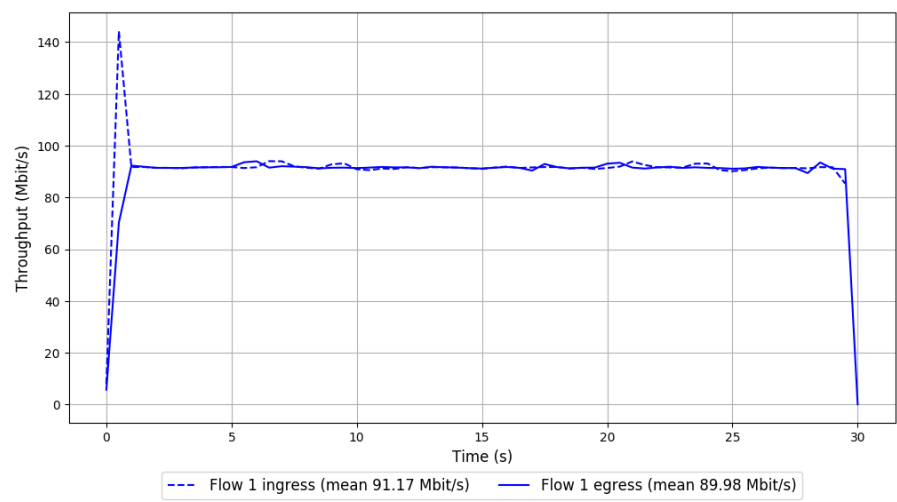
-- Flow 1:

Average throughput: 89.98 Mbit/s

95th percentile per-packet one-way delay: 43.108 ms

Loss rate: 1.29%

Run 8: Report of FillP — Data Link

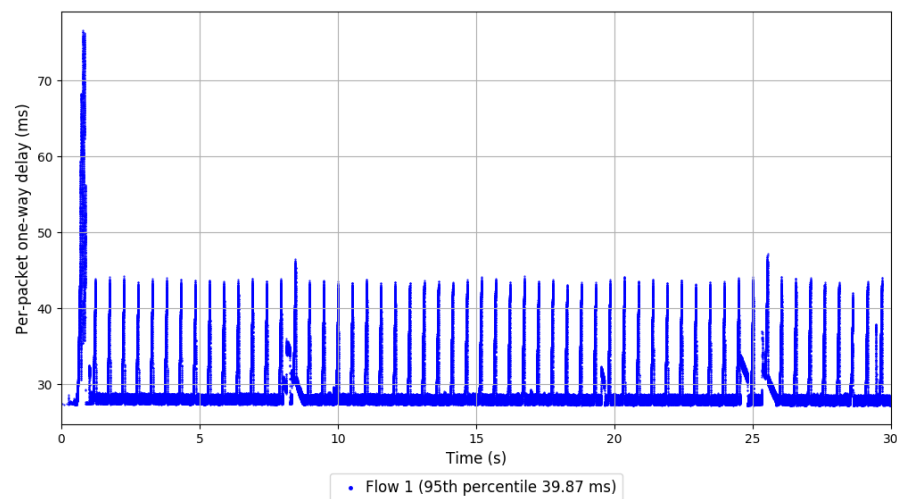
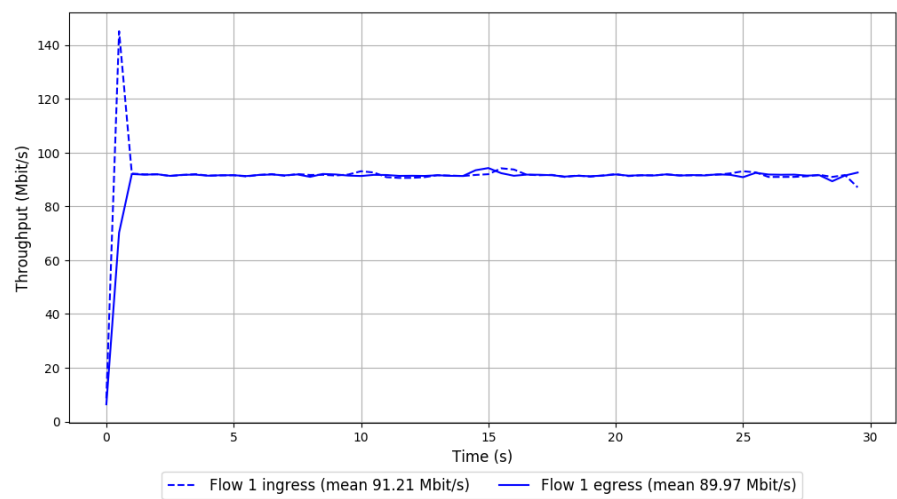


Run 9: Statistics of FillP

Start at: 2018-04-03 12:39:14
End at: 2018-04-03 12:39:44
Local clock offset: -0.137 ms
Remote clock offset: -9.008 ms

Below is generated by plot.py at 2018-04-03 13:45:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 39.868 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 39.868 ms
Loss rate: 1.36%

Run 9: Report of FillP — Data Link

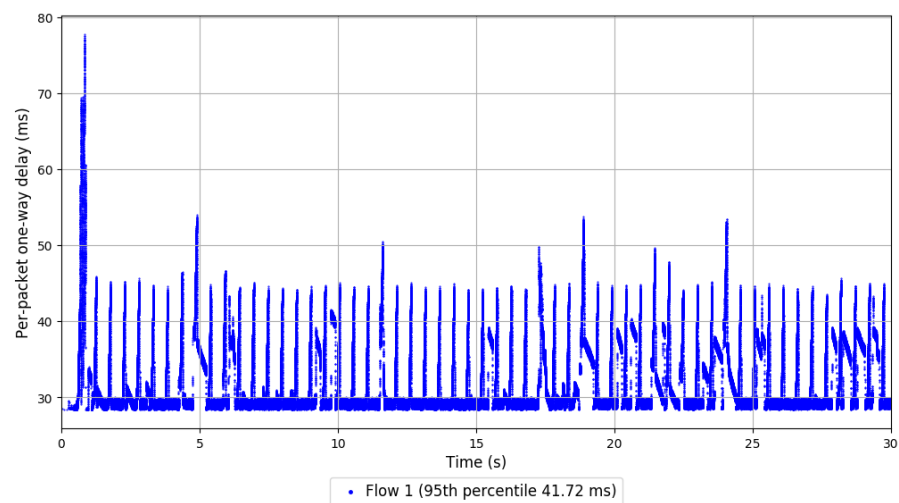
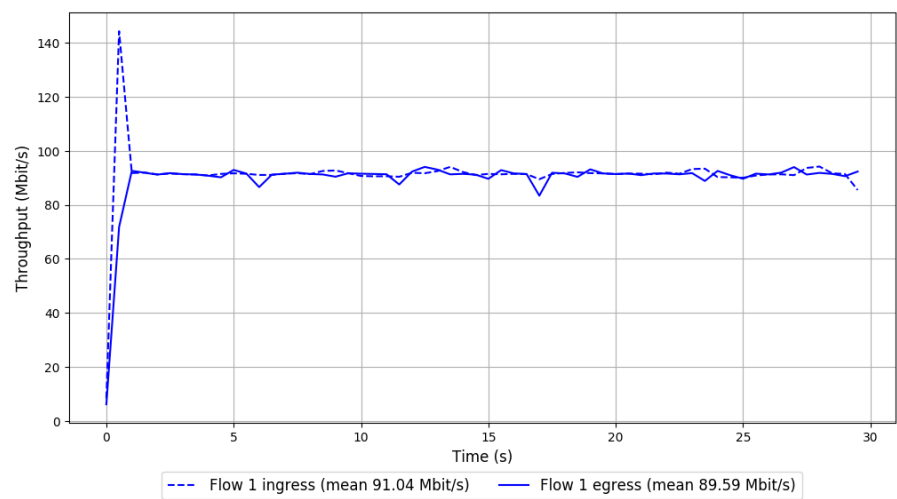


Run 10: Statistics of FillP

Start at: 2018-04-03 13:03:57
End at: 2018-04-03 13:04:27
Local clock offset: -0.008 ms
Remote clock offset: -7.298 ms

Below is generated by plot.py at 2018-04-03 13:45:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.59 Mbit/s
95th percentile per-packet one-way delay: 41.720 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 89.59 Mbit/s
95th percentile per-packet one-way delay: 41.720 ms
Loss rate: 1.60%

Run 10: Report of FillP — Data Link

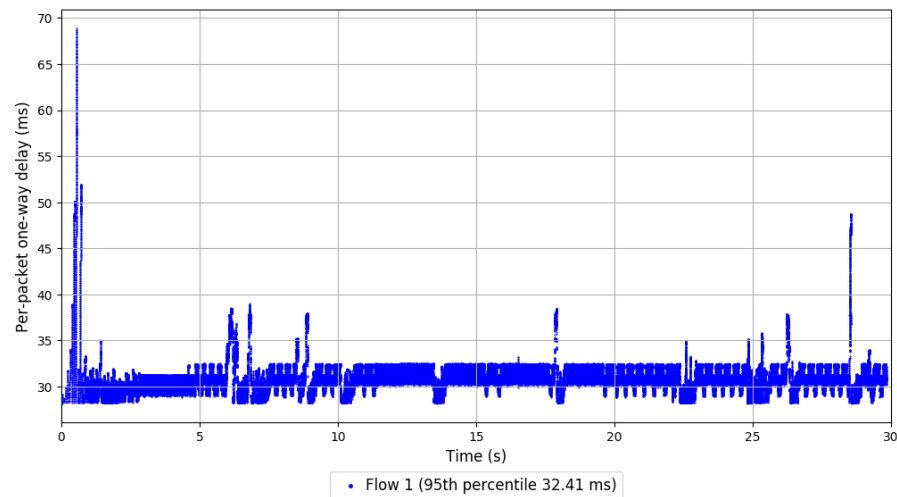
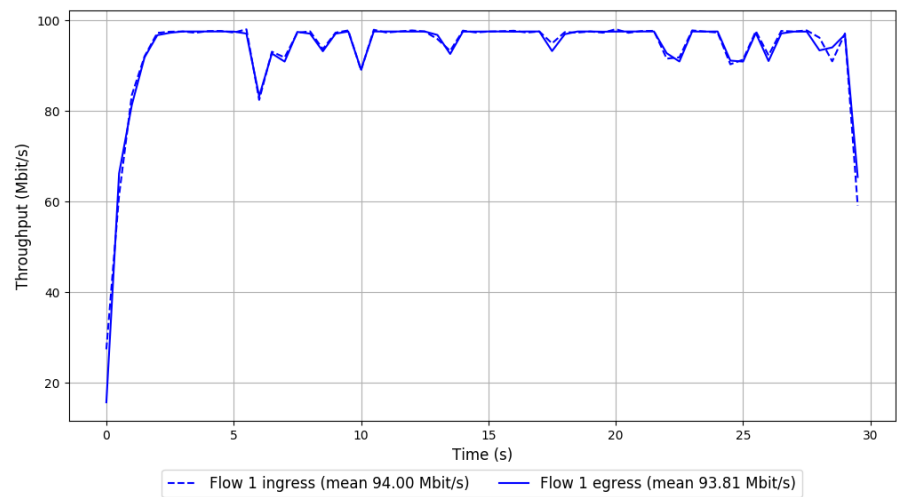


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-04-03 09:02:57
End at: 2018-04-03 09:03:27
Local clock offset: -0.248 ms
Remote clock offset: -2.738 ms

# Below is generated by plot.py at 2018-04-03 13:45:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.81 Mbit/s
95th percentile per-packet one-way delay: 32.406 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 93.81 Mbit/s
95th percentile per-packet one-way delay: 32.406 ms
Loss rate: 0.18%
```

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

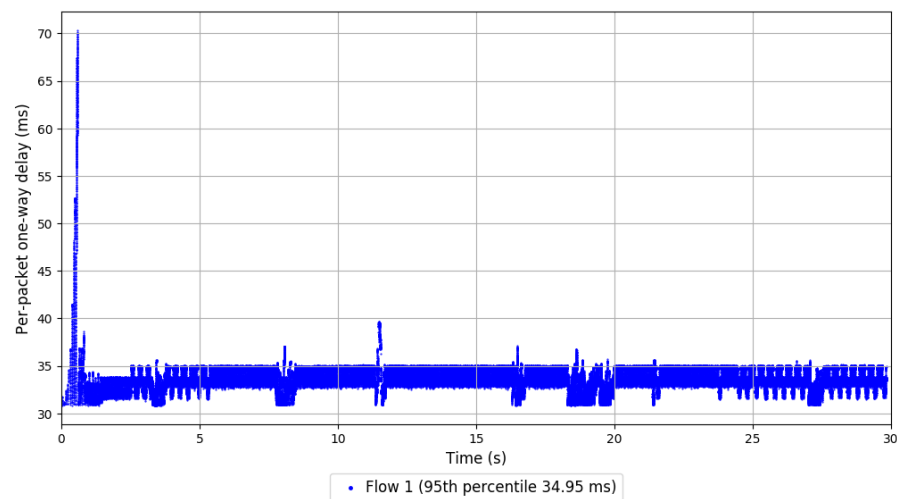
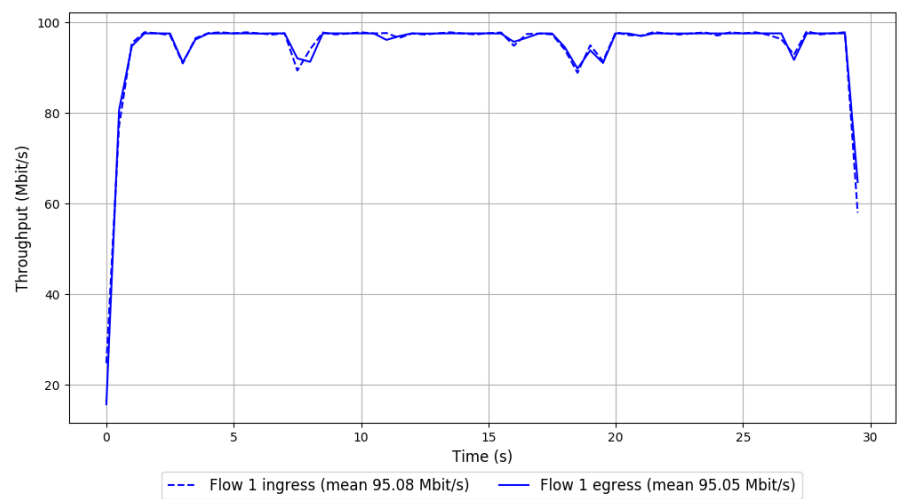


Run 2: Statistics of Indigo-1-32

Start at: 2018-04-03 09:28:06
End at: 2018-04-03 09:28:36
Local clock offset: -0.106 ms
Remote clock offset: -0.907 ms

Below is generated by plot.py at 2018-04-03 13:46:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 34.954 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 34.954 ms
Loss rate: 0.02%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-04-03 09:52:57

End at: 2018-04-03 09:53:28

Local clock offset: 0.069 ms

Remote clock offset: -3.63 ms

Below is generated by plot.py at 2018-04-03 13:46:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 31.185 ms

Loss rate: 0.09%

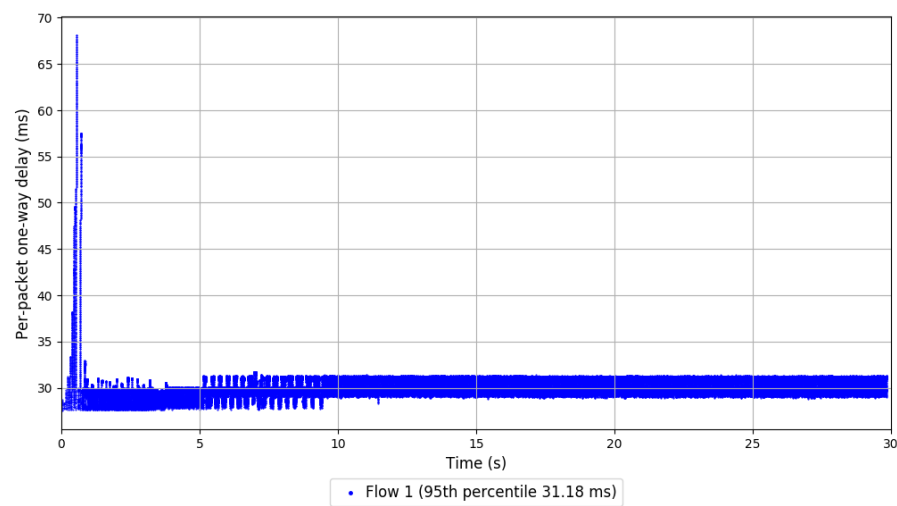
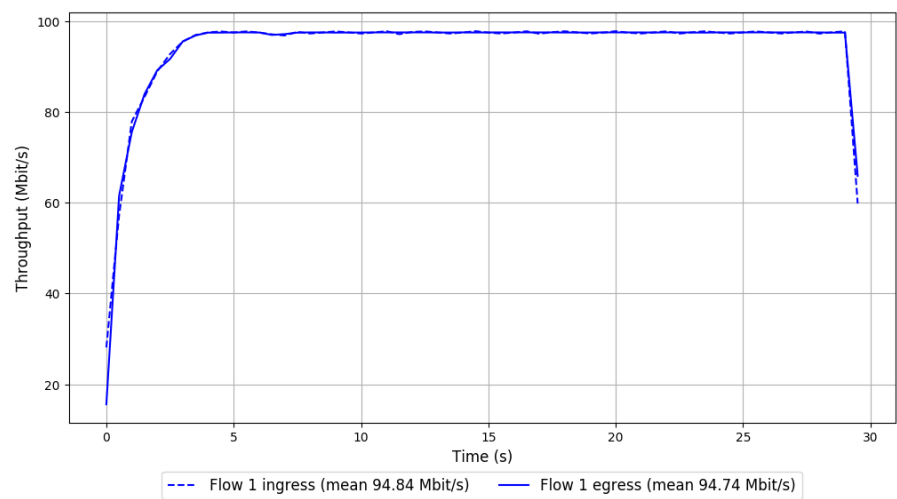
-- Flow 1:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 31.185 ms

Loss rate: 0.09%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-04-03 10:17:24

End at: 2018-04-03 10:17:54

Local clock offset: 0.285 ms

Remote clock offset: -1.252 ms

Below is generated by plot.py at 2018-04-03 13:46:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.16 Mbit/s

95th percentile per-packet one-way delay: 34.818 ms

Loss rate: 0.01%

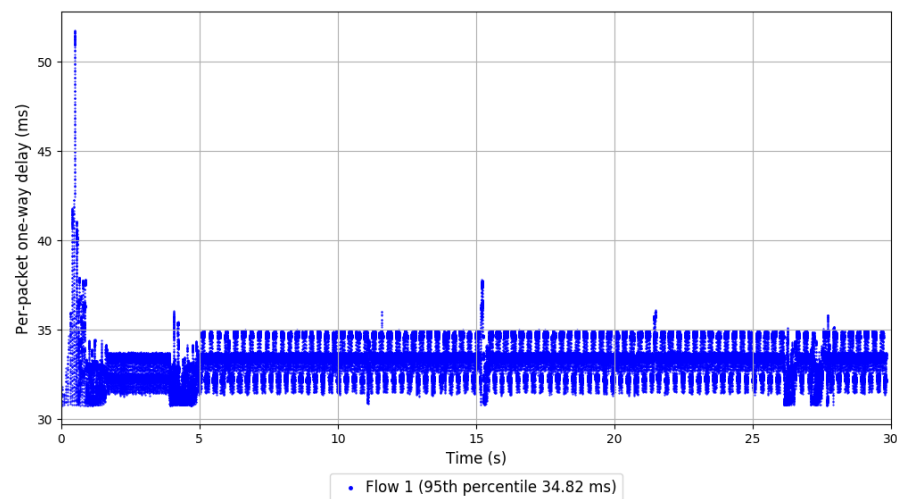
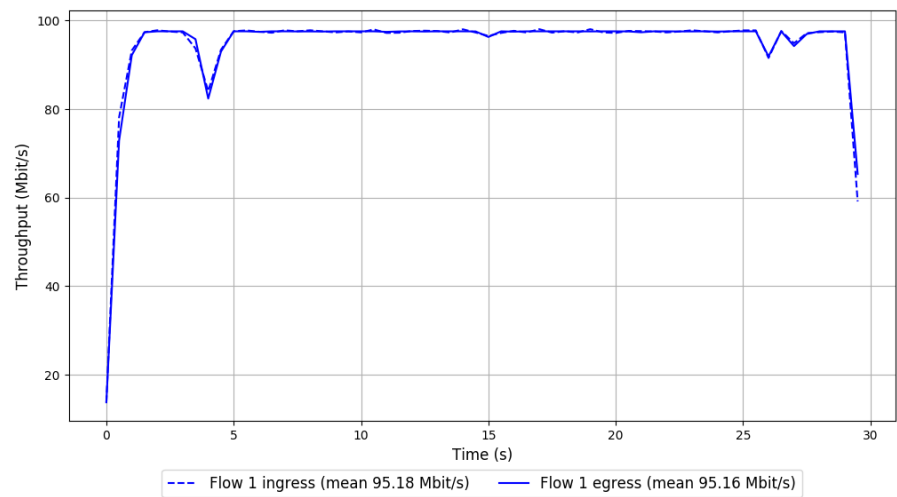
-- Flow 1:

Average throughput: 95.16 Mbit/s

95th percentile per-packet one-way delay: 34.818 ms

Loss rate: 0.01%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-04-03 10:42:26

End at: 2018-04-03 10:42:57

Local clock offset: 0.435 ms

Remote clock offset: -2.002 ms

Below is generated by plot.py at 2018-04-03 13:46:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.99 Mbit/s

95th percentile per-packet one-way delay: 34.483 ms

Loss rate: 0.03%

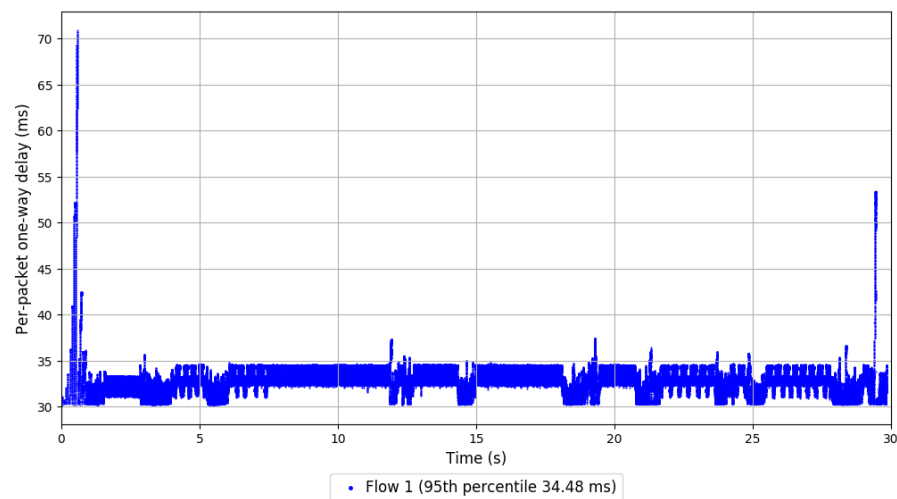
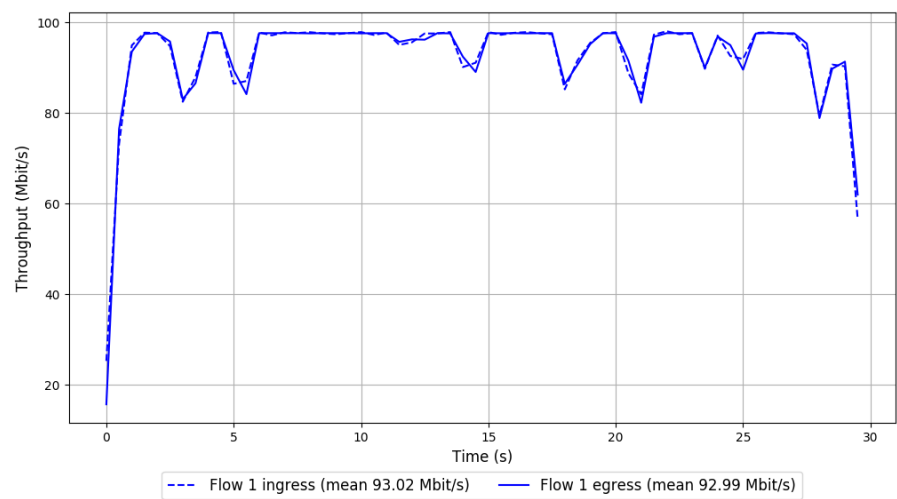
-- Flow 1:

Average throughput: 92.99 Mbit/s

95th percentile per-packet one-way delay: 34.483 ms

Loss rate: 0.03%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-04-03 11:07:46

End at: 2018-04-03 11:08:16

Local clock offset: 0.174 ms

Remote clock offset: 5.603 ms

Below is generated by plot.py at 2018-04-03 13:47:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 34.713 ms

Loss rate: 0.10%

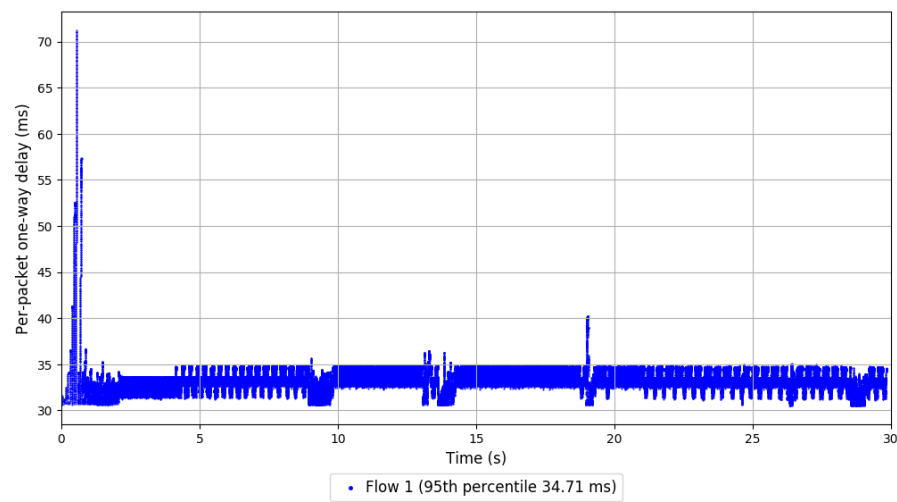
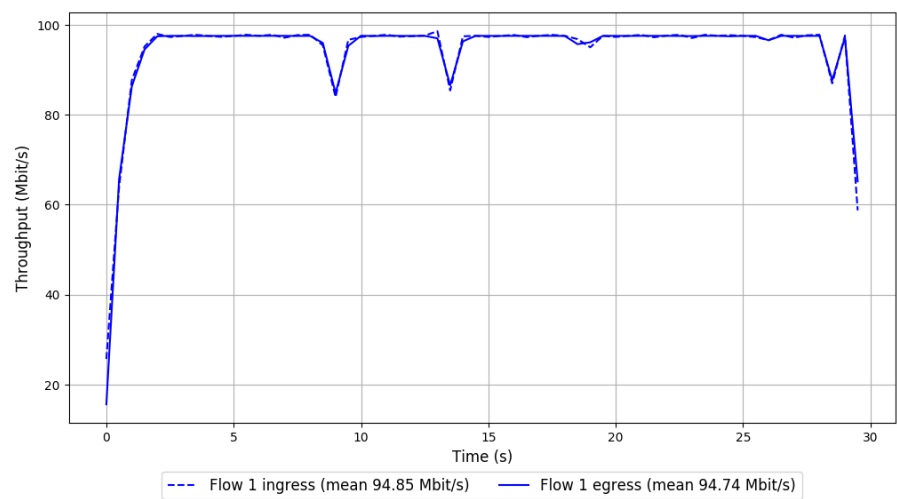
-- Flow 1:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 34.713 ms

Loss rate: 0.10%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-04-03 11:33:28

End at: 2018-04-03 11:33:58

Local clock offset: 0.389 ms

Remote clock offset: 7.711 ms

Below is generated by plot.py at 2018-04-03 13:47:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.33 Mbit/s

95th percentile per-packet one-way delay: 30.996 ms

Loss rate: 0.08%

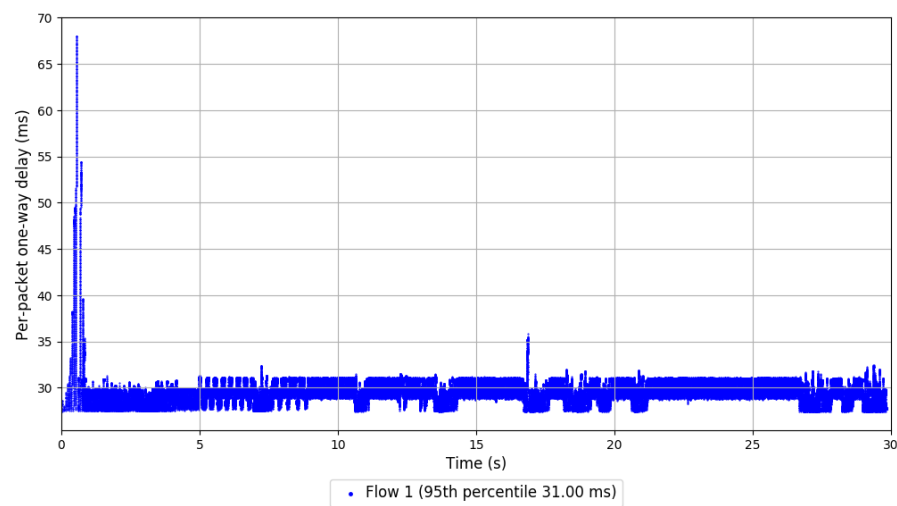
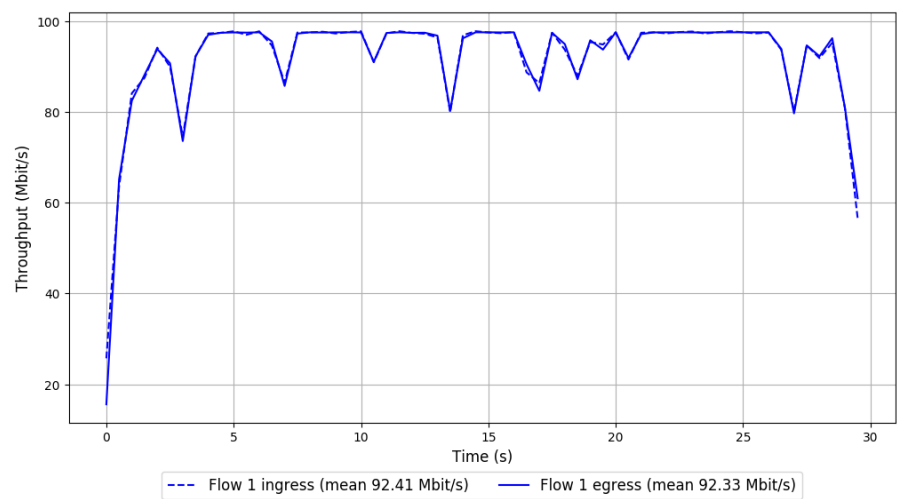
-- Flow 1:

Average throughput: 92.33 Mbit/s

95th percentile per-packet one-way delay: 30.996 ms

Loss rate: 0.08%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-04-03 11:58:16

End at: 2018-04-03 11:58:46

Local clock offset: 0.256 ms

Remote clock offset: 12.794 ms

Below is generated by plot.py at 2018-04-03 13:47:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.42 Mbit/s

95th percentile per-packet one-way delay: 34.321 ms

Loss rate: 0.13%

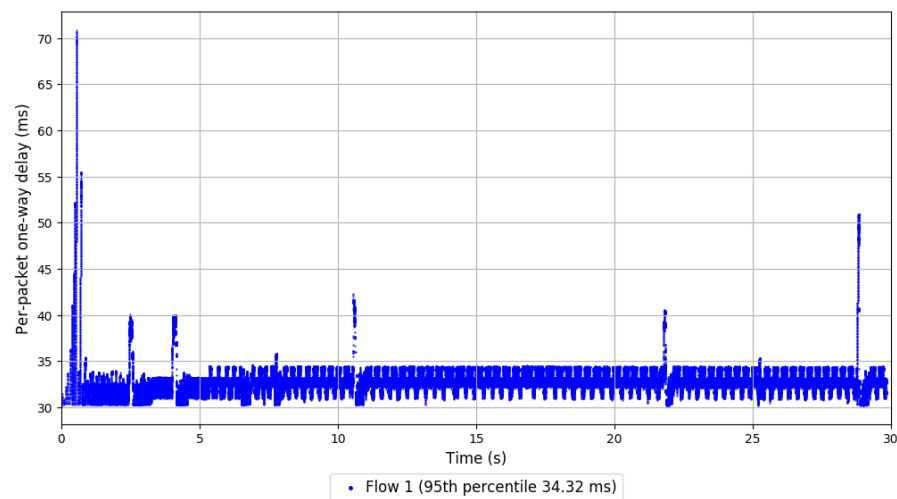
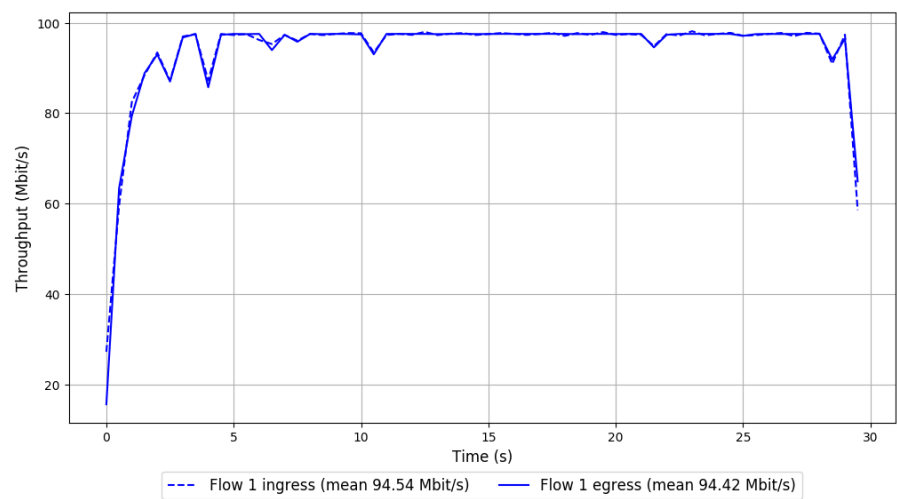
-- Flow 1:

Average throughput: 94.42 Mbit/s

95th percentile per-packet one-way delay: 34.321 ms

Loss rate: 0.13%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-04-03 12:23:00

End at: 2018-04-03 12:23:30

Local clock offset: -0.099 ms

Remote clock offset: -6.29 ms

Below is generated by plot.py at 2018-04-03 13:47:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.12 Mbit/s

95th percentile per-packet one-way delay: 31.374 ms

Loss rate: 0.14%

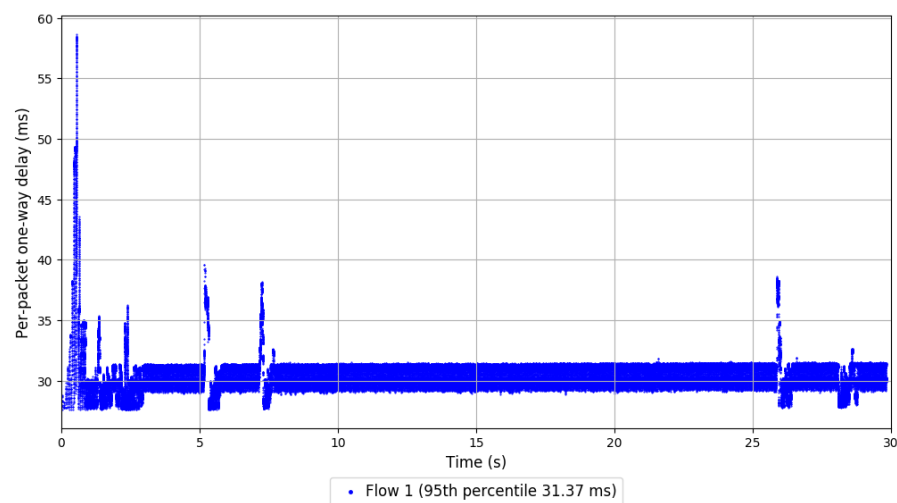
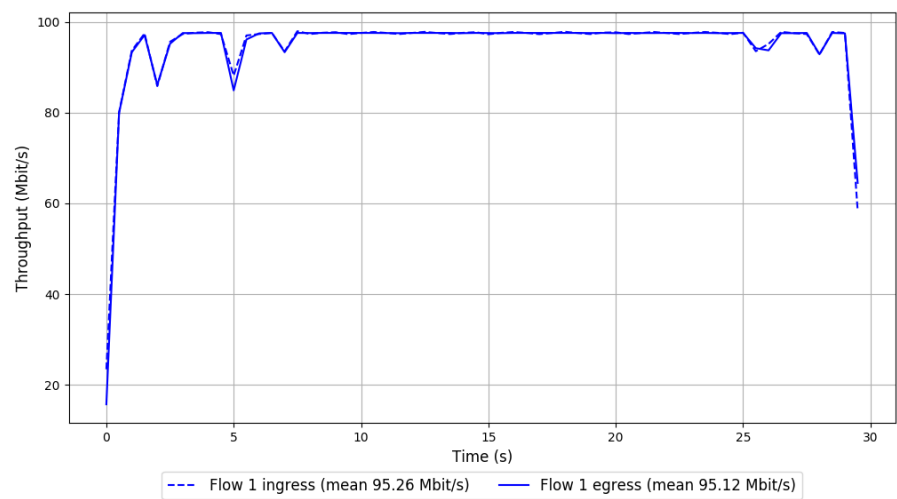
-- Flow 1:

Average throughput: 95.12 Mbit/s

95th percentile per-packet one-way delay: 31.374 ms

Loss rate: 0.14%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-04-03 12:47:42

End at: 2018-04-03 12:48:12

Local clock offset: -0.05 ms

Remote clock offset: -5.053 ms

Below is generated by plot.py at 2018-04-03 13:47:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.28 Mbit/s

95th percentile per-packet one-way delay: 34.164 ms

Loss rate: 0.12%

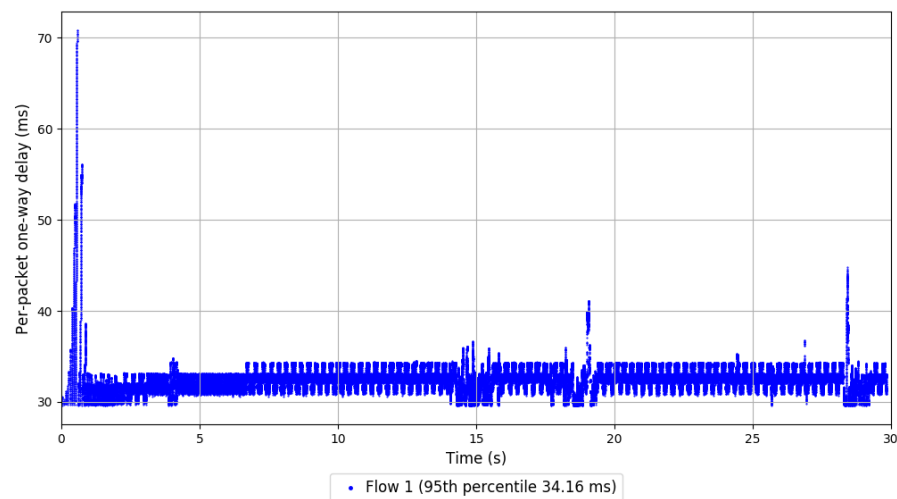
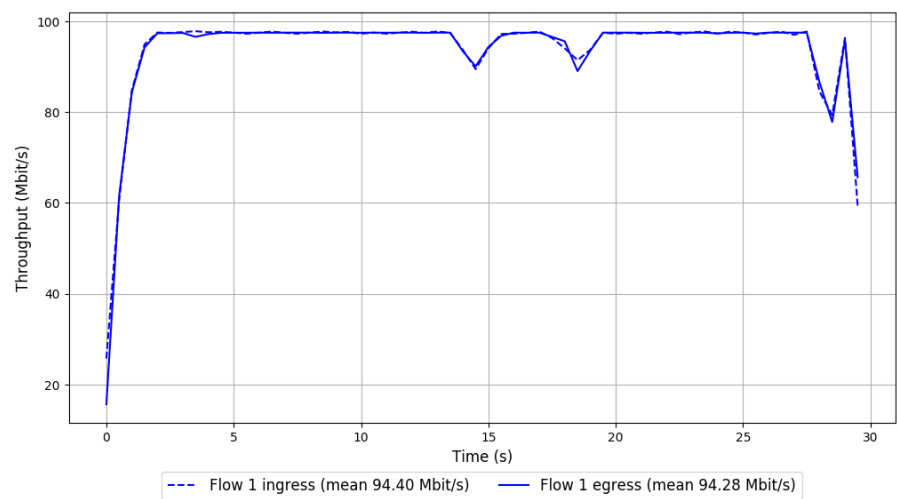
-- Flow 1:

Average throughput: 94.28 Mbit/s

95th percentile per-packet one-way delay: 34.164 ms

Loss rate: 0.12%

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

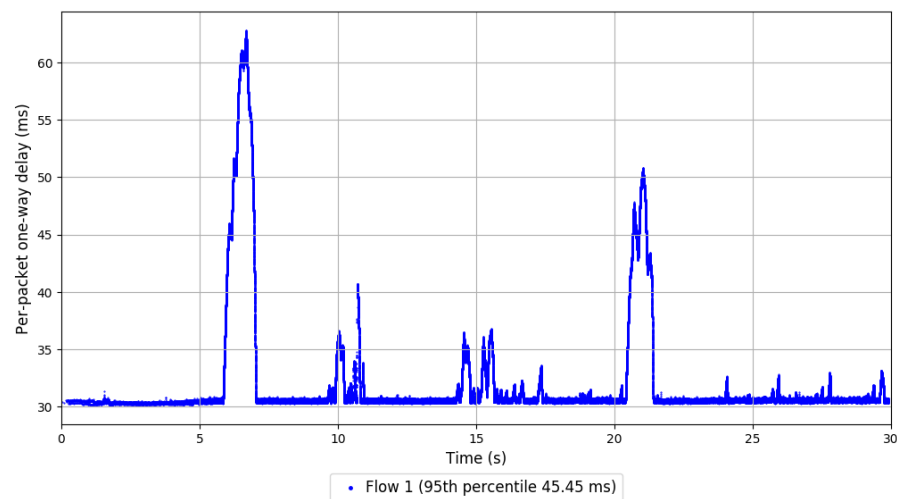
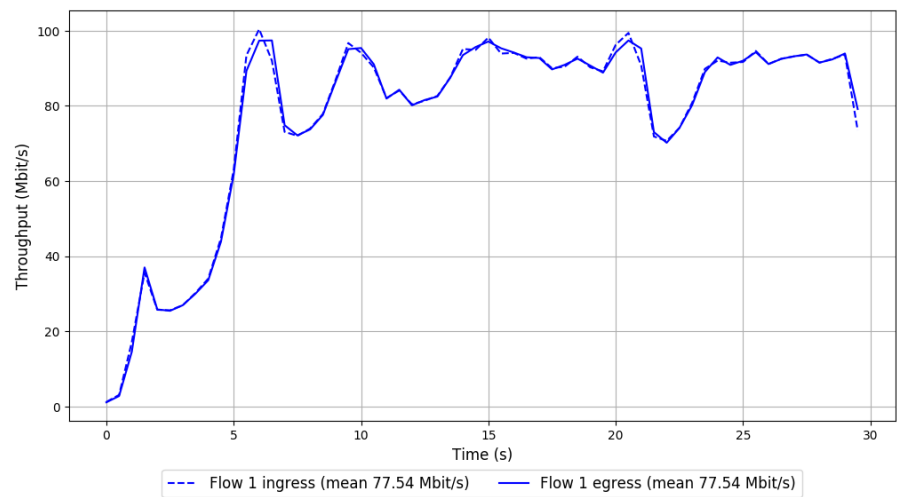


Run 1: Statistics of Vivace-latency

Start at: 2018-04-03 09:22:13
End at: 2018-04-03 09:22:43
Local clock offset: -0.125 ms
Remote clock offset: -1.172 ms

Below is generated by plot.py at 2018-04-03 13:48:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.54 Mbit/s
95th percentile per-packet one-way delay: 45.452 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.54 Mbit/s
95th percentile per-packet one-way delay: 45.452 ms
Loss rate: 0.00%

Run 1: Report of Vivace-latency — Data Link

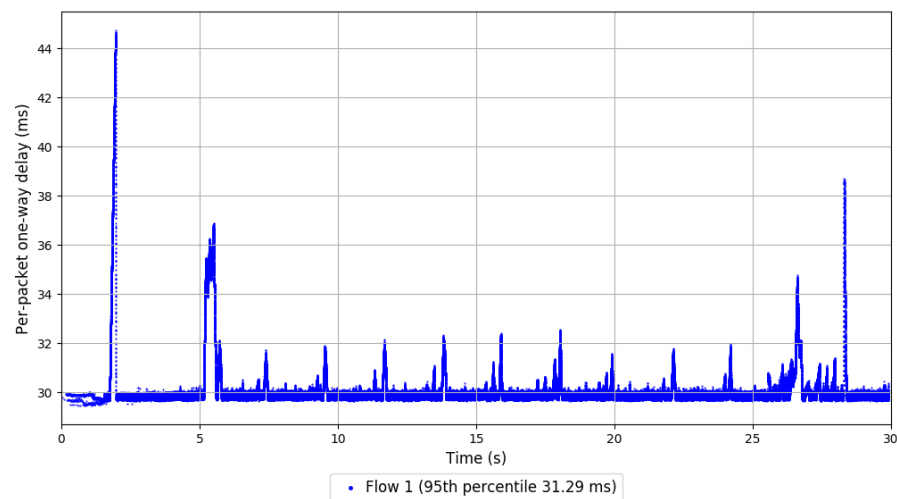
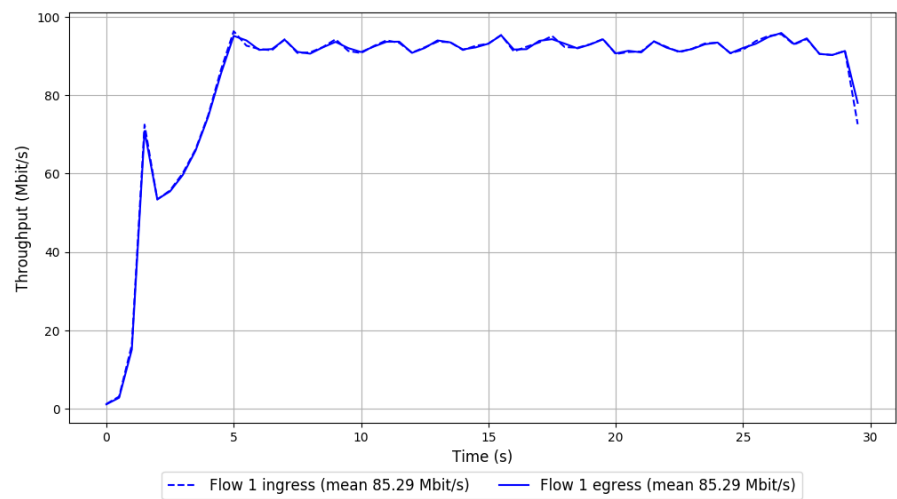


Run 2: Statistics of Vivace-latency

Start at: 2018-04-03 09:47:28
End at: 2018-04-03 09:47:58
Local clock offset: 0.018 ms
Remote clock offset: -1.723 ms

Below is generated by plot.py at 2018-04-03 13:48:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.29 Mbit/s
95th percentile per-packet one-way delay: 31.287 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.29 Mbit/s
95th percentile per-packet one-way delay: 31.287 ms
Loss rate: 0.00%

Run 2: Report of Vivace-latency — Data Link

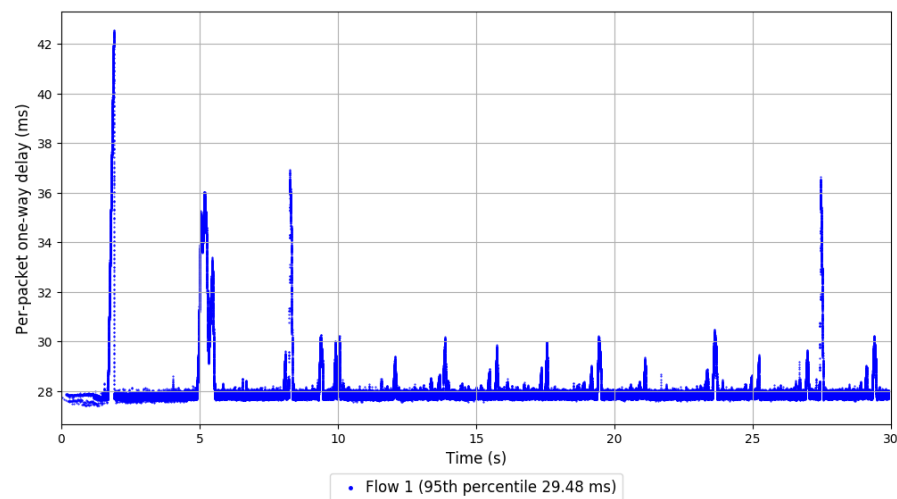
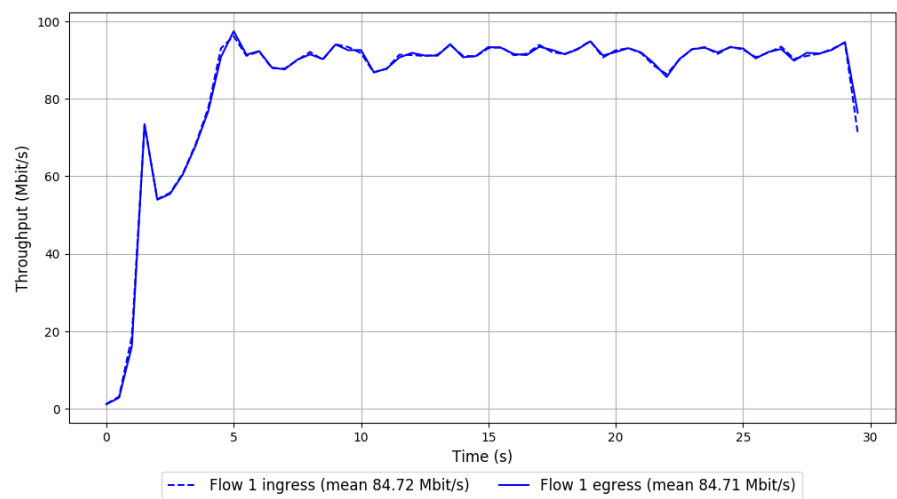


Run 3: Statistics of Vivace-latency

Start at: 2018-04-03 10:11:51
End at: 2018-04-03 10:12:21
Local clock offset: 0.161 ms
Remote clock offset: -3.758 ms

Below is generated by plot.py at 2018-04-03 13:48:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.71 Mbit/s
95th percentile per-packet one-way delay: 29.478 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.71 Mbit/s
95th percentile per-packet one-way delay: 29.478 ms
Loss rate: 0.01%

Run 3: Report of Vivace-latency — Data Link

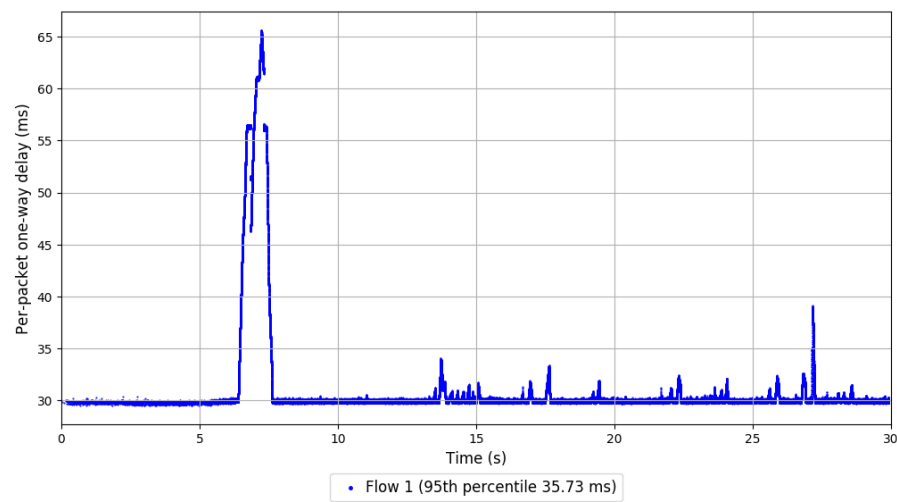
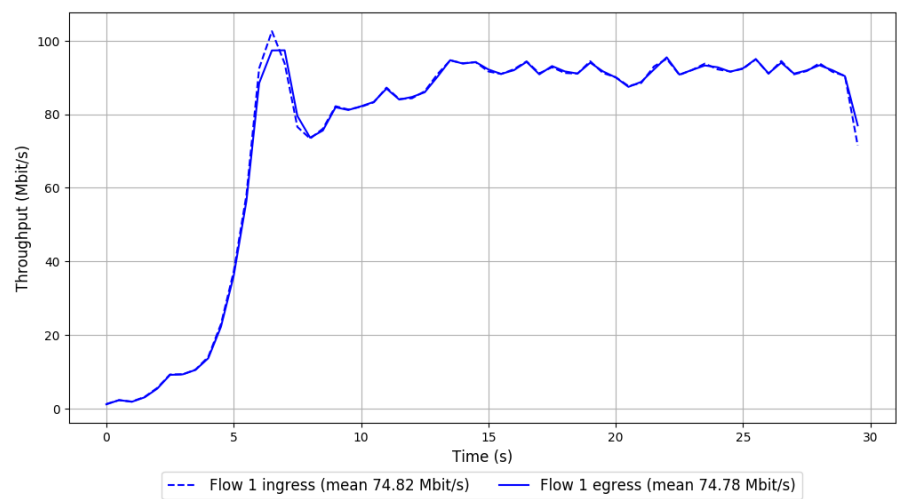


Run 4: Statistics of Vivace-latency

Start at: 2018-04-03 10:36:36
End at: 2018-04-03 10:37:06
Local clock offset: 0.296 ms
Remote clock offset: -1.931 ms

Below is generated by plot.py at 2018-04-03 13:48:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.78 Mbit/s
95th percentile per-packet one-way delay: 35.726 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 74.78 Mbit/s
95th percentile per-packet one-way delay: 35.726 ms
Loss rate: 0.06%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-04-03 11:02:09

End at: 2018-04-03 11:02:39

Local clock offset: 0.355 ms

Remote clock offset: 3.045 ms

Below is generated by plot.py at 2018-04-03 13:48:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.70 Mbit/s

95th percentile per-packet one-way delay: 30.371 ms

Loss rate: 0.00%

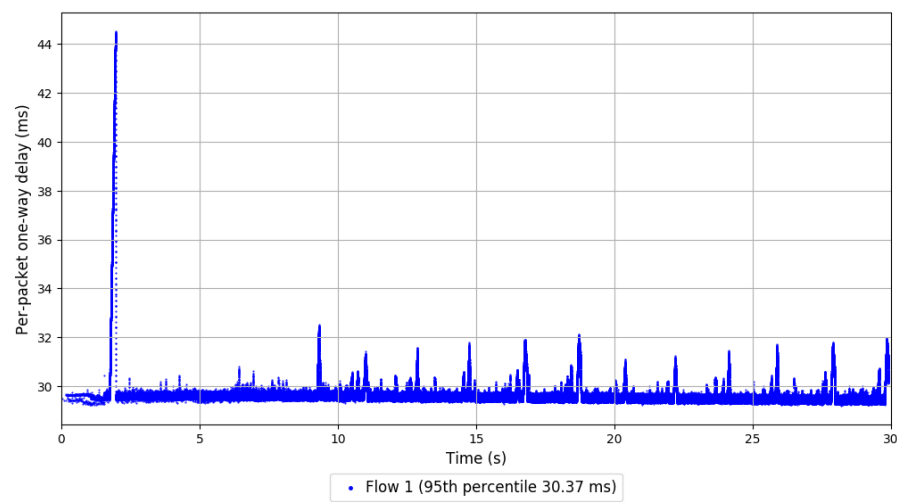
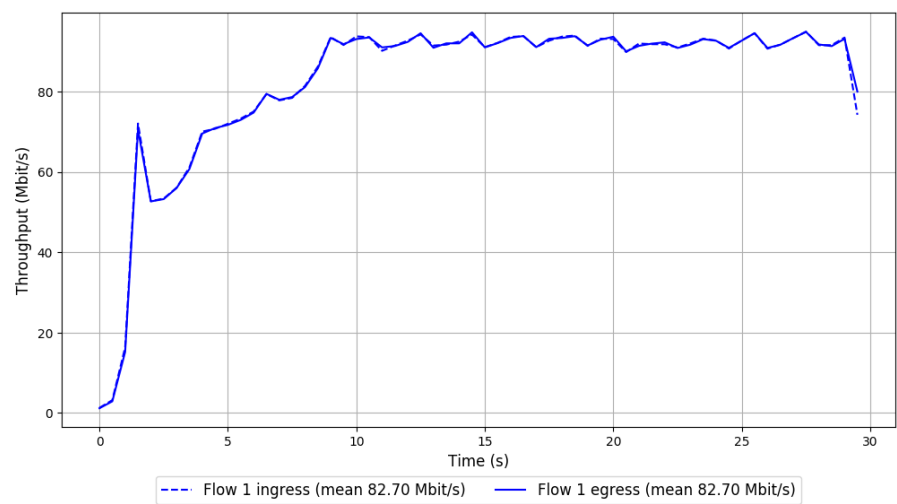
-- Flow 1:

Average throughput: 82.70 Mbit/s

95th percentile per-packet one-way delay: 30.371 ms

Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-04-03 11:27:22

End at: 2018-04-03 11:27:52

Local clock offset: 0.333 ms

Remote clock offset: 9.407 ms

Below is generated by plot.py at 2018-04-03 13:48:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.28 Mbit/s

95th percentile per-packet one-way delay: 45.136 ms

Loss rate: 0.17%

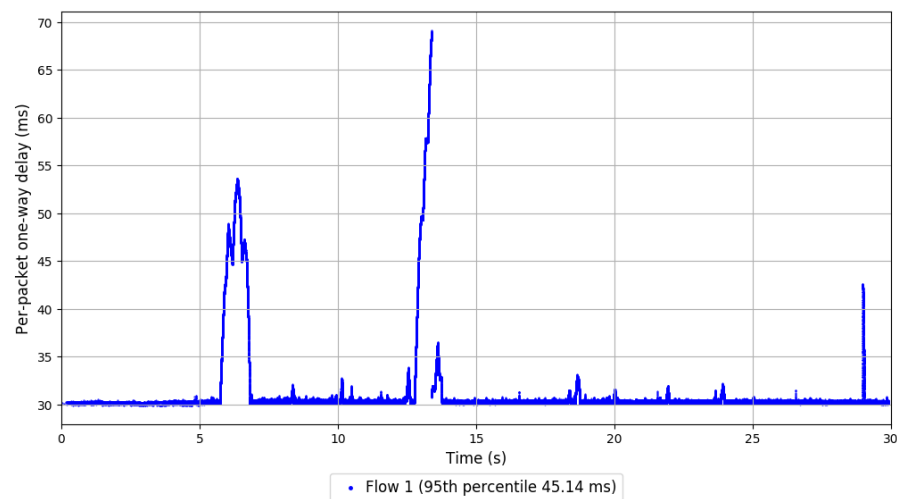
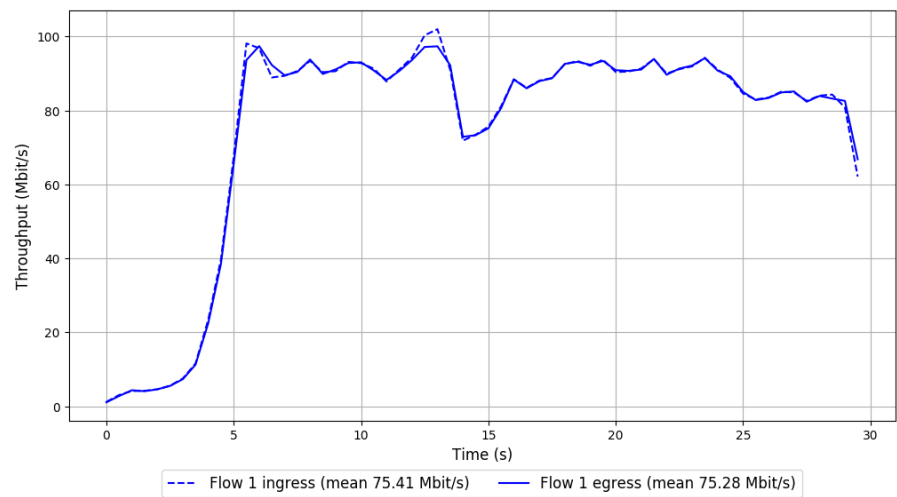
-- Flow 1:

Average throughput: 75.28 Mbit/s

95th percentile per-packet one-way delay: 45.136 ms

Loss rate: 0.17%

Run 6: Report of Vivace-latency — Data Link

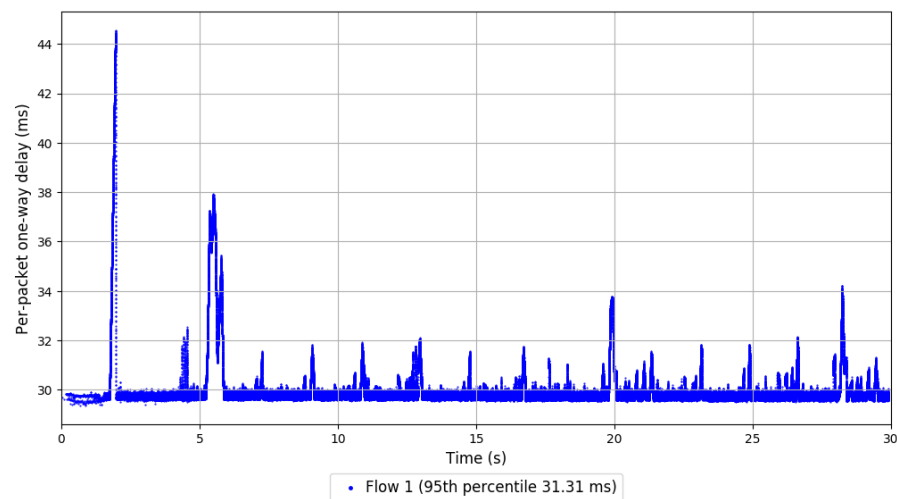
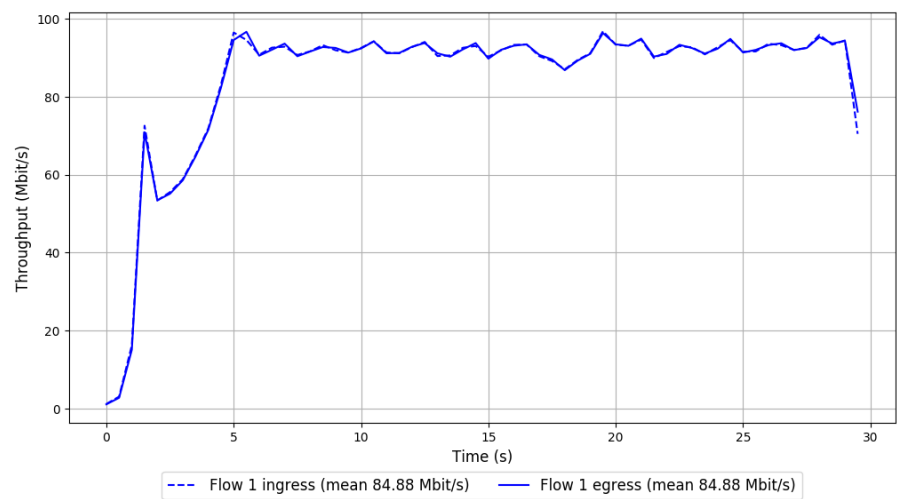


Run 7: Statistics of Vivace-latency

Start at: 2018-04-03 11:52:47
End at: 2018-04-03 11:53:17
Local clock offset: 0.203 ms
Remote clock offset: 12.136 ms

Below is generated by plot.py at 2018-04-03 13:48:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.88 Mbit/s
95th percentile per-packet one-way delay: 31.312 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.88 Mbit/s
95th percentile per-packet one-way delay: 31.312 ms
Loss rate: 0.00%

Run 7: Report of Vivace-latency — Data Link

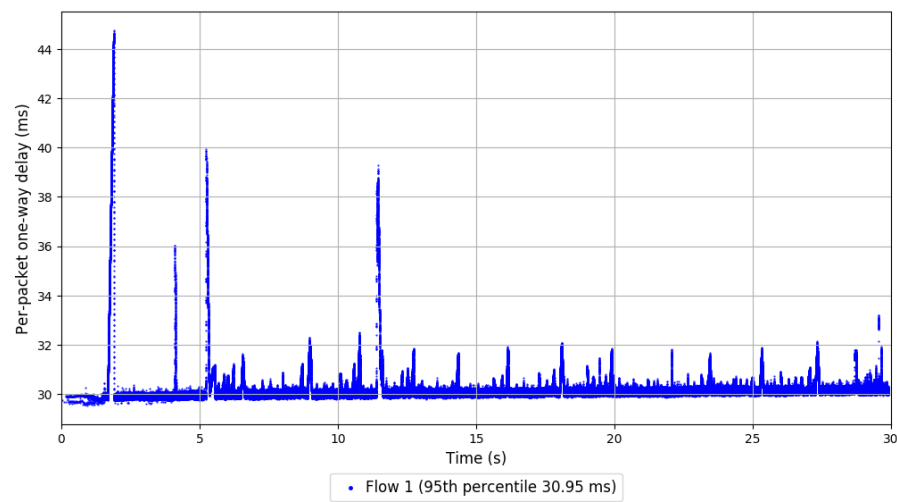
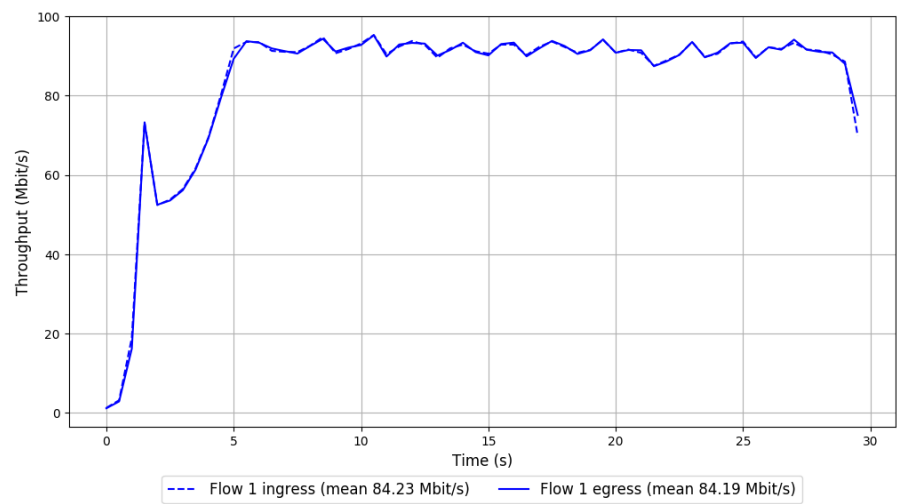


Run 8: Statistics of Vivace-latency

Start at: 2018-04-03 12:17:17
End at: 2018-04-03 12:17:47
Local clock offset: 0.003 ms
Remote clock offset: -1.787 ms

Below is generated by plot.py at 2018-04-03 13:49:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.19 Mbit/s
95th percentile per-packet one-way delay: 30.951 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 84.19 Mbit/s
95th percentile per-packet one-way delay: 30.951 ms
Loss rate: 0.04%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-04-03 12:41:57

End at: 2018-04-03 12:42:27

Local clock offset: -0.063 ms

Remote clock offset: -6.02 ms

Below is generated by plot.py at 2018-04-03 13:49:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.10 Mbit/s

95th percentile per-packet one-way delay: 31.578 ms

Loss rate: 0.03%

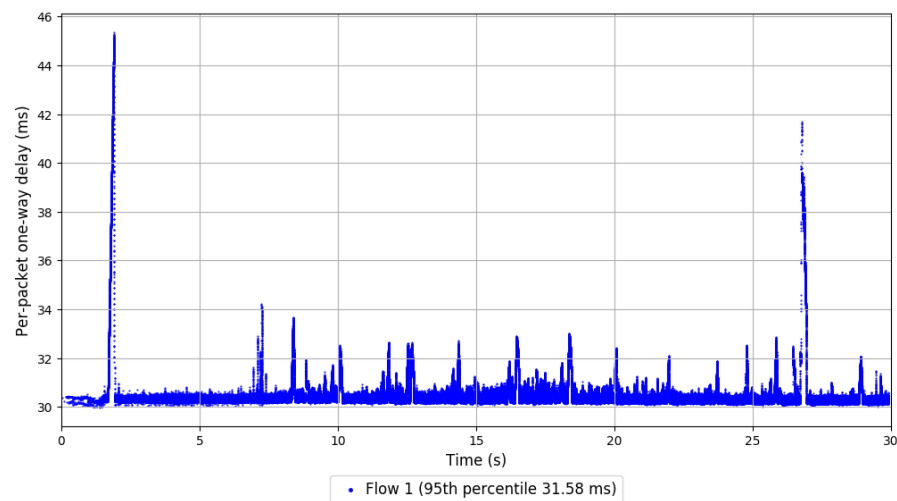
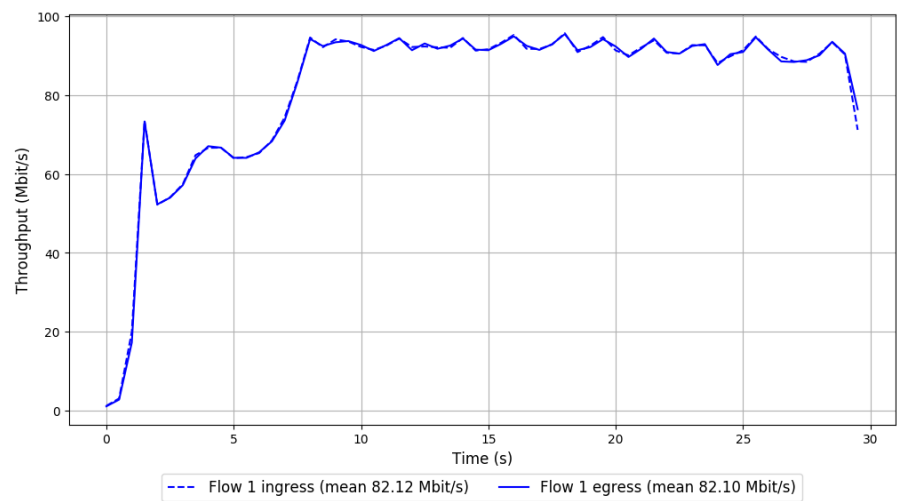
-- Flow 1:

Average throughput: 82.10 Mbit/s

95th percentile per-packet one-way delay: 31.578 ms

Loss rate: 0.03%

Run 9: Report of Vivace-latency — Data Link

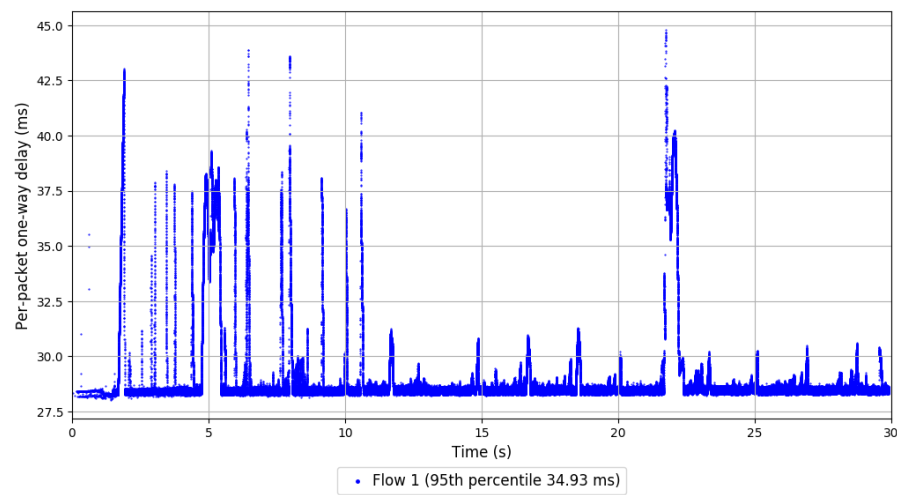
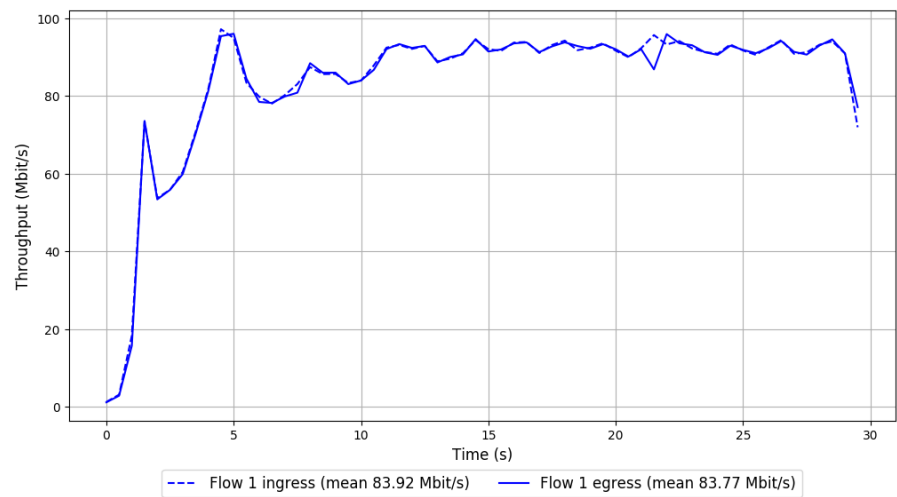


Run 10: Statistics of Vivace-latency

Start at: 2018-04-03 13:06:38
End at: 2018-04-03 13:07:08
Local clock offset: 0.084 ms
Remote clock offset: -7.585 ms

Below is generated by plot.py at 2018-04-03 13:49:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.77 Mbit/s
95th percentile per-packet one-way delay: 34.932 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 83.77 Mbit/s
95th percentile per-packet one-way delay: 34.932 ms
Loss rate: 0.18%

Run 10: Report of Vivace-latency — Data Link

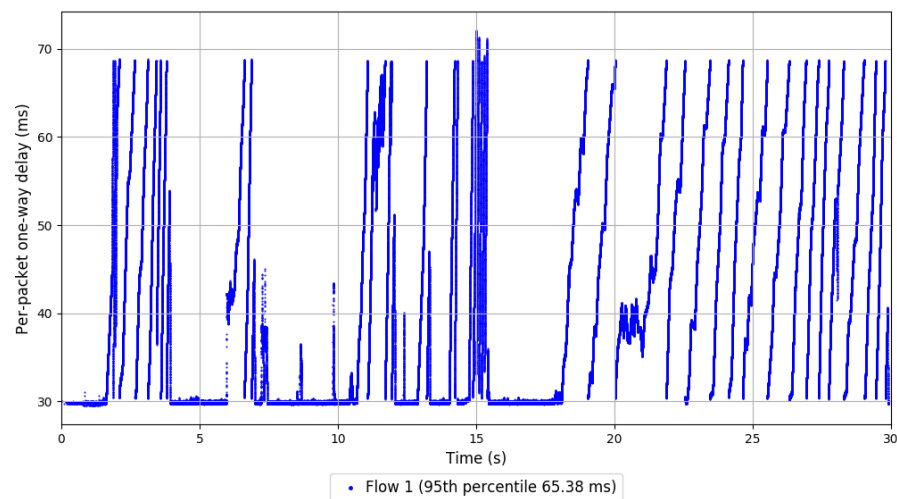
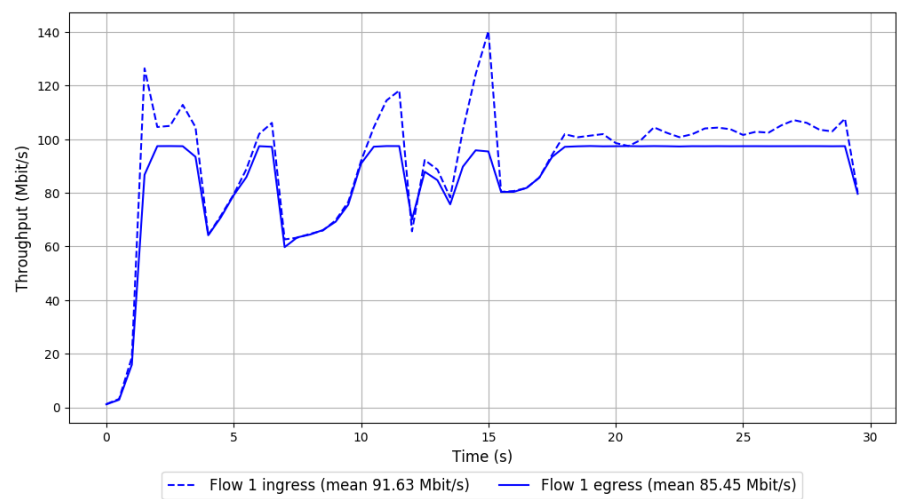


Run 1: Statistics of Vivace-loss

Start at: 2018-04-03 09:01:31
End at: 2018-04-03 09:02:01
Local clock offset: -0.333 ms
Remote clock offset: -0.682 ms

Below is generated by plot.py at 2018-04-03 13:49:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.45 Mbit/s
95th percentile per-packet one-way delay: 65.377 ms
Loss rate: 6.74%
-- Flow 1:
Average throughput: 85.45 Mbit/s
95th percentile per-packet one-way delay: 65.377 ms
Loss rate: 6.74%

Run 1: Report of Vivace-loss — Data Link

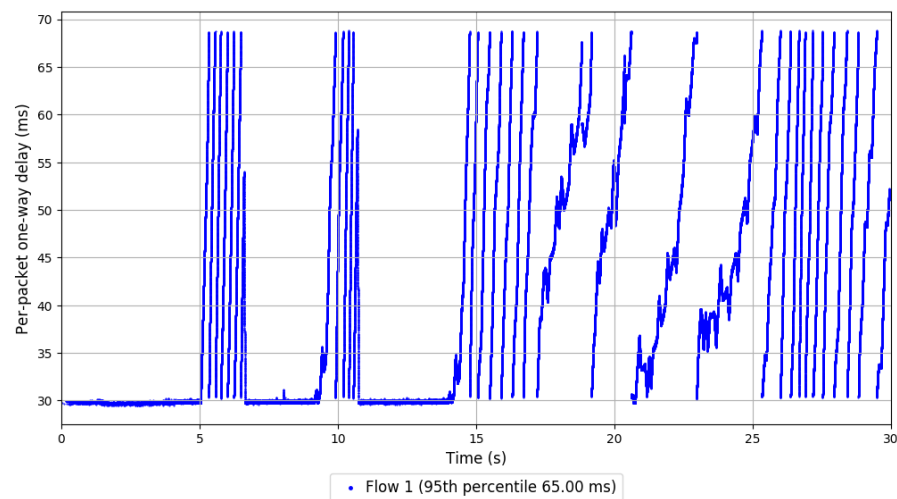
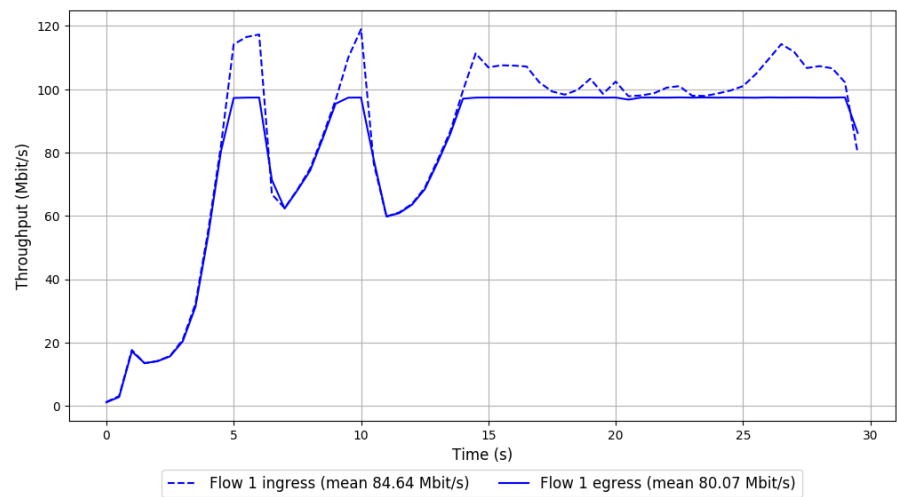


Run 2: Statistics of Vivace-loss

Start at: 2018-04-03 09:26:39
End at: 2018-04-03 09:27:09
Local clock offset: -0.125 ms
Remote clock offset: -1.328 ms

Below is generated by plot.py at 2018-04-03 13:49:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.07 Mbit/s
95th percentile per-packet one-way delay: 65.002 ms
Loss rate: 5.33%
-- Flow 1:
Average throughput: 80.07 Mbit/s
95th percentile per-packet one-way delay: 65.002 ms
Loss rate: 5.33%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-04-03 09:51:35

End at: 2018-04-03 09:52:05

Local clock offset: 0.121 ms

Remote clock offset: -1.176 ms

Below is generated by plot.py at 2018-04-03 13:49:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.11 Mbit/s

95th percentile per-packet one-way delay: 67.047 ms

Loss rate: 6.16%

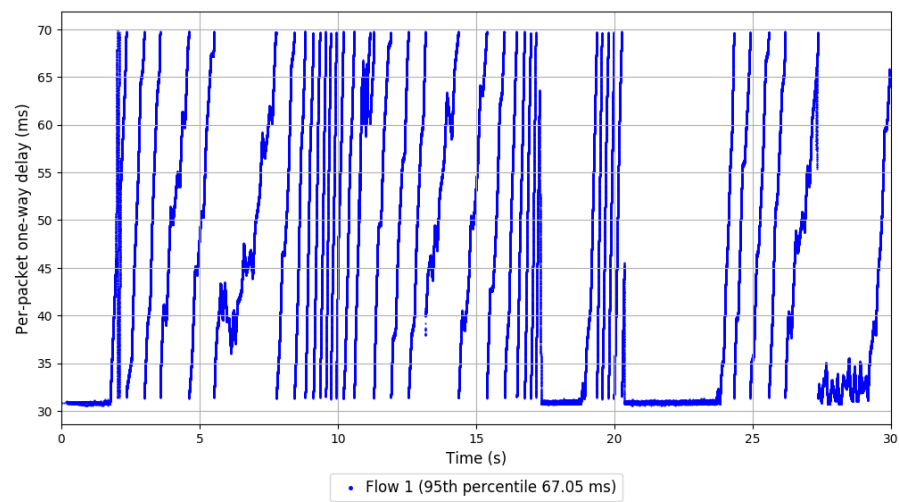
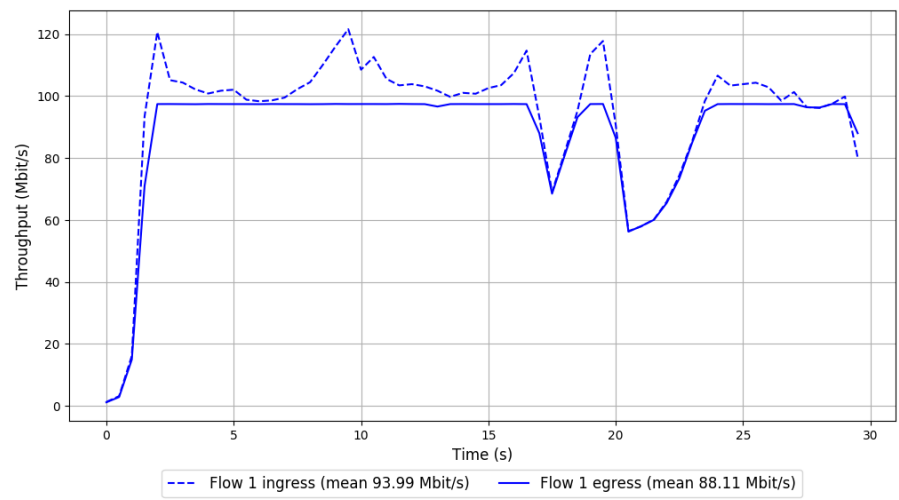
-- Flow 1:

Average throughput: 88.11 Mbit/s

95th percentile per-packet one-way delay: 67.047 ms

Loss rate: 6.16%

Run 3: Report of Vivace-loss — Data Link

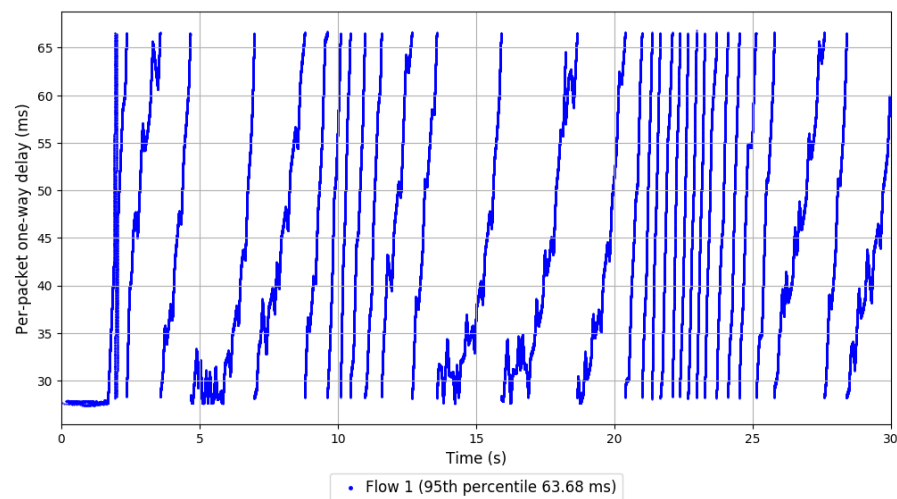
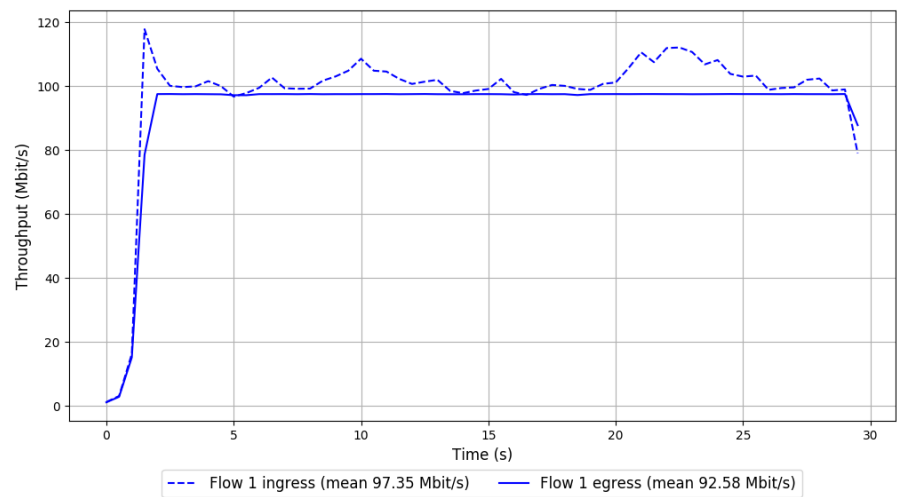


Run 4: Statistics of Vivace-loss

Start at: 2018-04-03 10:16:01
End at: 2018-04-03 10:16:31
Local clock offset: 0.285 ms
Remote clock offset: -3.733 ms

Below is generated by plot.py at 2018-04-03 13:50:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.58 Mbit/s
95th percentile per-packet one-way delay: 63.677 ms
Loss rate: 4.80%
-- Flow 1:
Average throughput: 92.58 Mbit/s
95th percentile per-packet one-way delay: 63.677 ms
Loss rate: 4.80%

Run 4: Report of Vivace-loss — Data Link

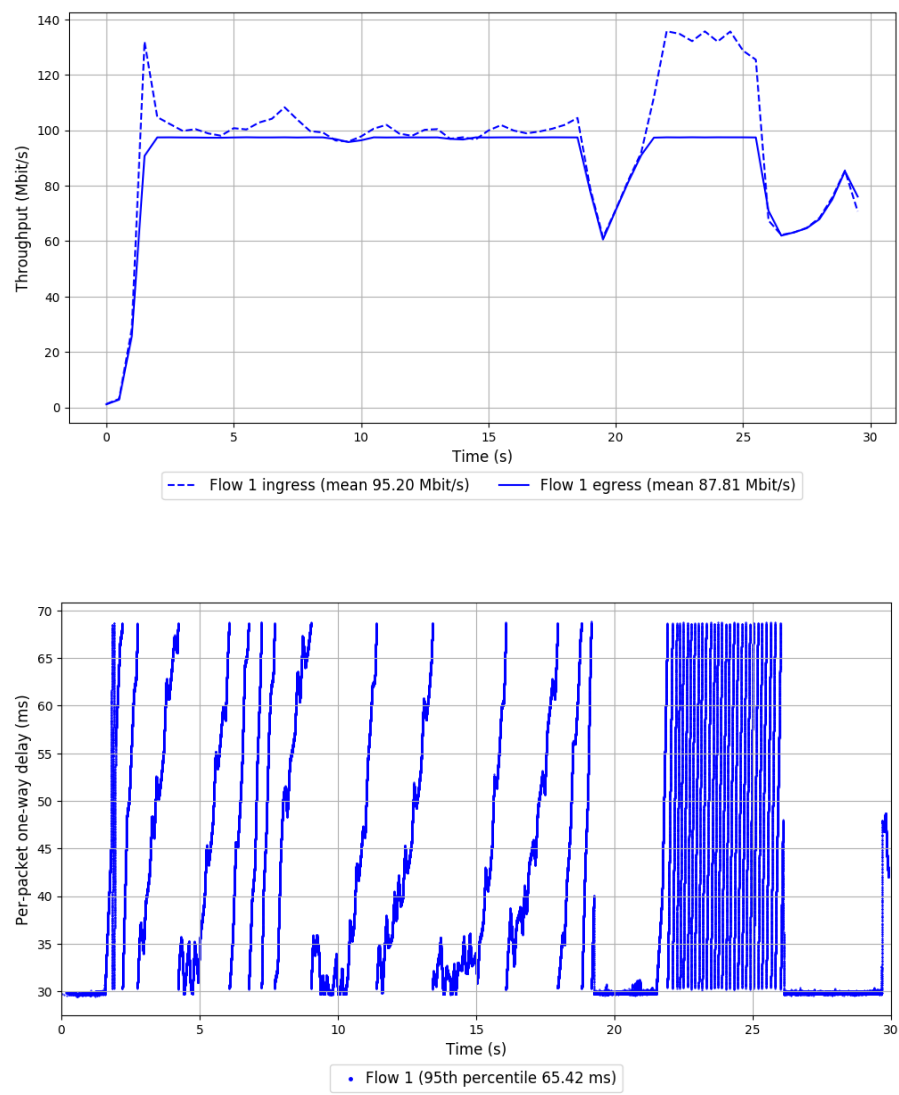


Run 5: Statistics of Vivace-loss

Start at: 2018-04-03 10:40:59
End at: 2018-04-03 10:41:29
Local clock offset: 0.323 ms
Remote clock offset: -1.993 ms

Below is generated by plot.py at 2018-04-03 13:50:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 65.423 ms
Loss rate: 7.73%
-- Flow 1:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 65.423 ms
Loss rate: 7.73%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-04-03 11:06:22

End at: 2018-04-03 11:06:52

Local clock offset: 0.254 ms

Remote clock offset: 2.611 ms

Below is generated by plot.py at 2018-04-03 13:50:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.49 Mbit/s

95th percentile per-packet one-way delay: 62.644 ms

Loss rate: 4.34%

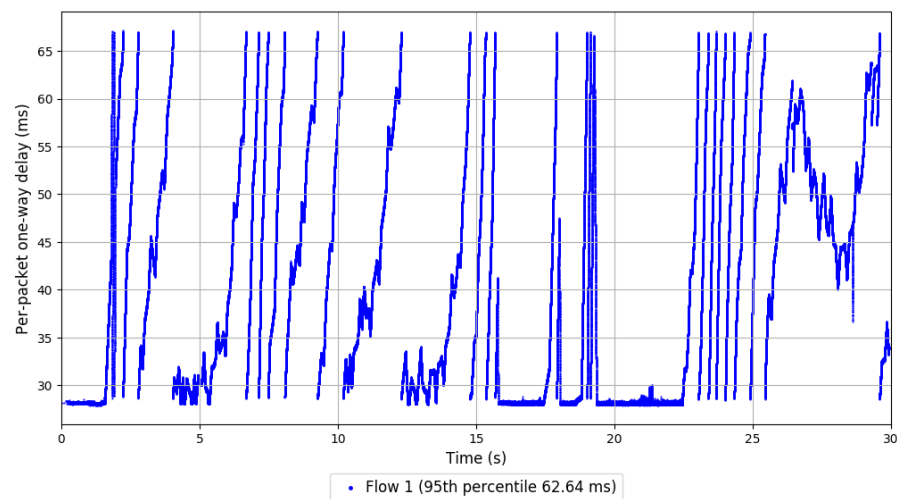
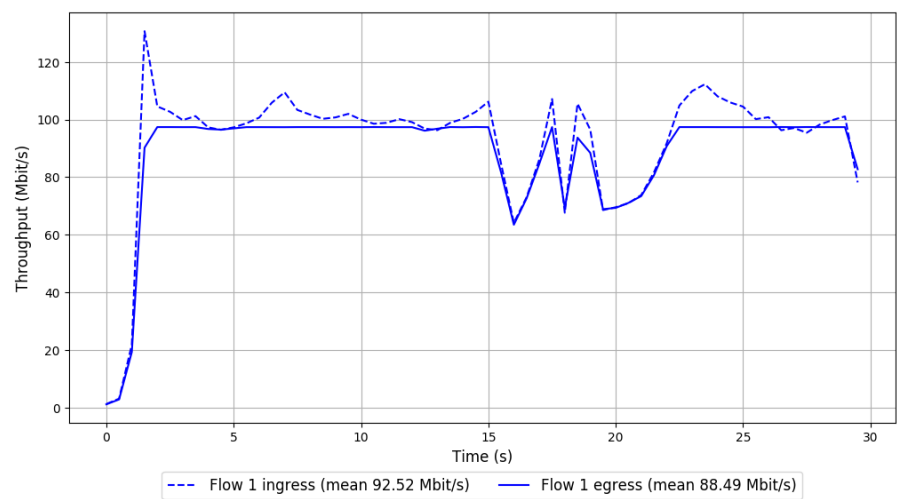
-- Flow 1:

Average throughput: 88.49 Mbit/s

95th percentile per-packet one-way delay: 62.644 ms

Loss rate: 4.34%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-04-03 11:31:56

End at: 2018-04-03 11:32:26

Local clock offset: 0.363 ms

Remote clock offset: 9.545 ms

Below is generated by plot.py at 2018-04-03 13:50:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.78 Mbit/s

95th percentile per-packet one-way delay: 64.245 ms

Loss rate: 3.94%

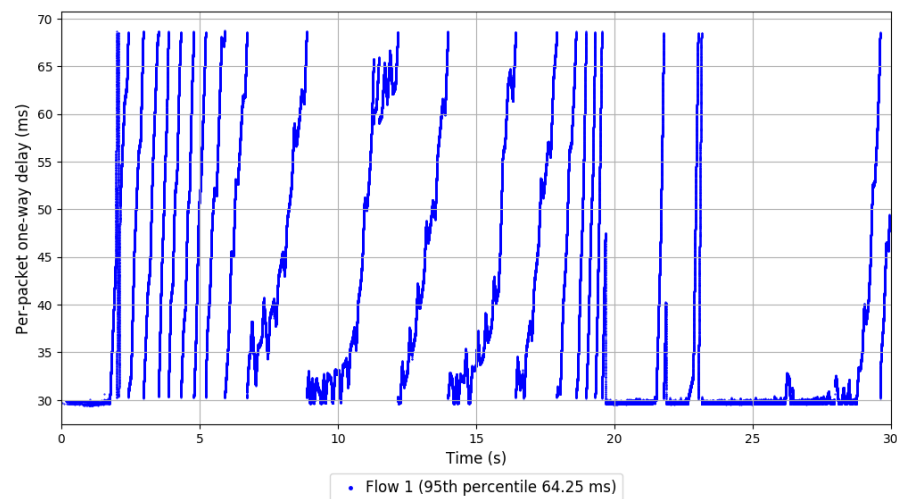
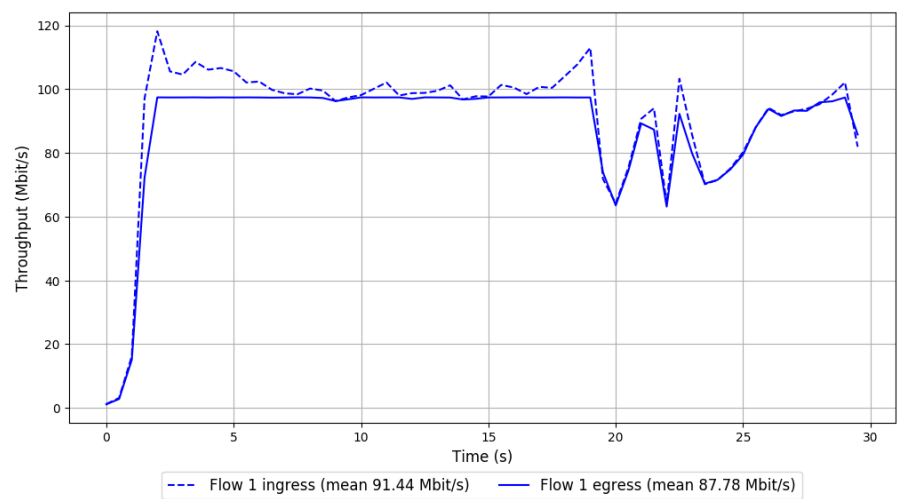
-- Flow 1:

Average throughput: 87.78 Mbit/s

95th percentile per-packet one-way delay: 64.245 ms

Loss rate: 3.94%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-04-03 11:56:55

End at: 2018-04-03 11:57:25

Local clock offset: 0.253 ms

Remote clock offset: 12.628 ms

Below is generated by plot.py at 2018-04-03 13:51:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.99 Mbit/s

95th percentile per-packet one-way delay: 65.418 ms

Loss rate: 4.53%

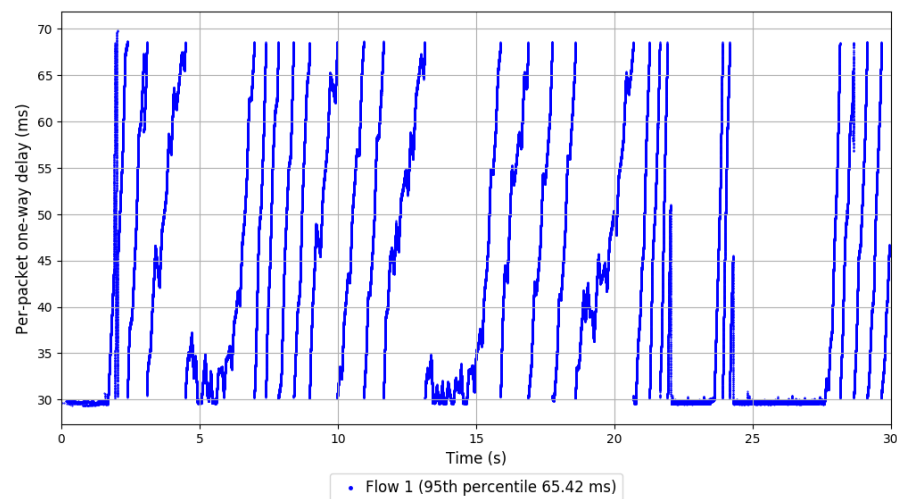
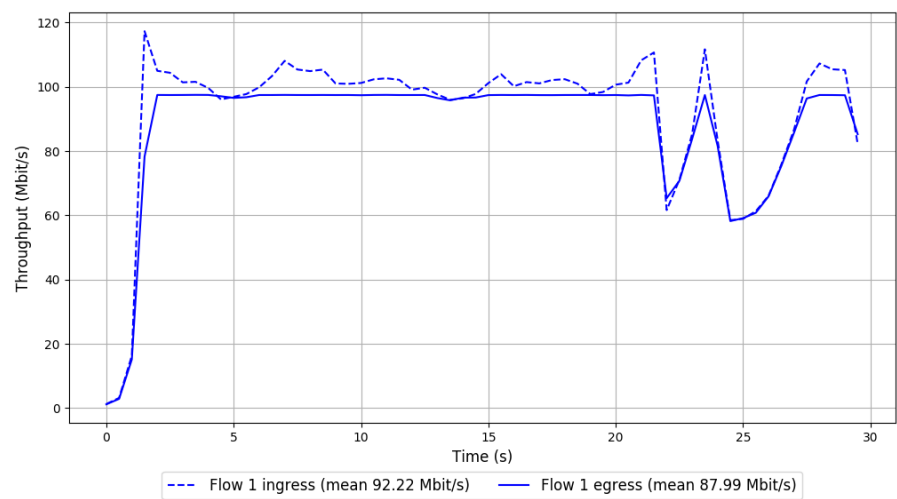
-- Flow 1:

Average throughput: 87.99 Mbit/s

95th percentile per-packet one-way delay: 65.418 ms

Loss rate: 4.53%

Run 8: Report of Vivace-loss — Data Link

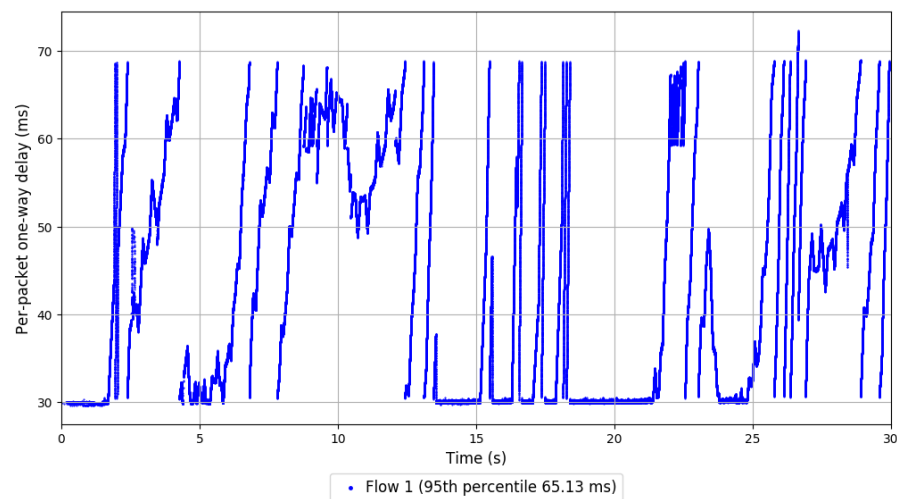
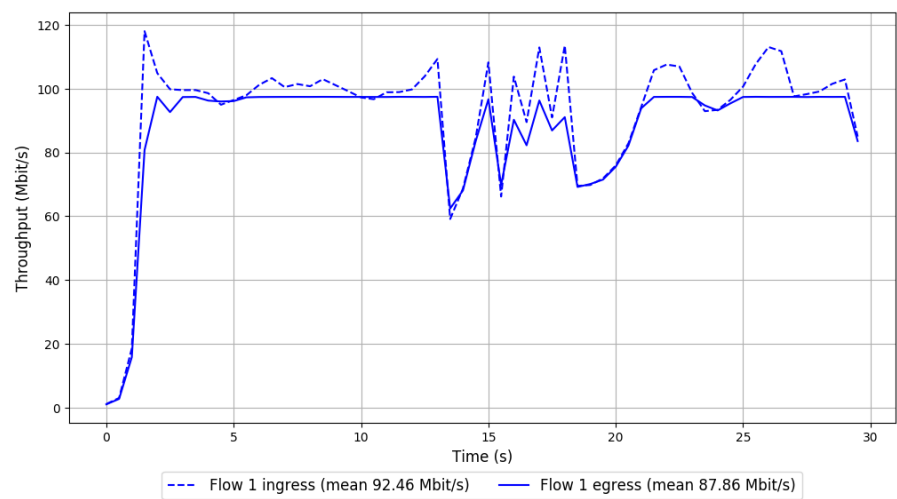


Run 9: Statistics of Vivace-loss

Start at: 2018-04-03 12:21:35
End at: 2018-04-03 12:22:05
Local clock offset: -0.123 ms
Remote clock offset: -3.673 ms

Below is generated by plot.py at 2018-04-03 13:51:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 65.129 ms
Loss rate: 4.95%
-- Flow 1:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 65.129 ms
Loss rate: 4.95%

Run 9: Report of Vivace-loss — Data Link

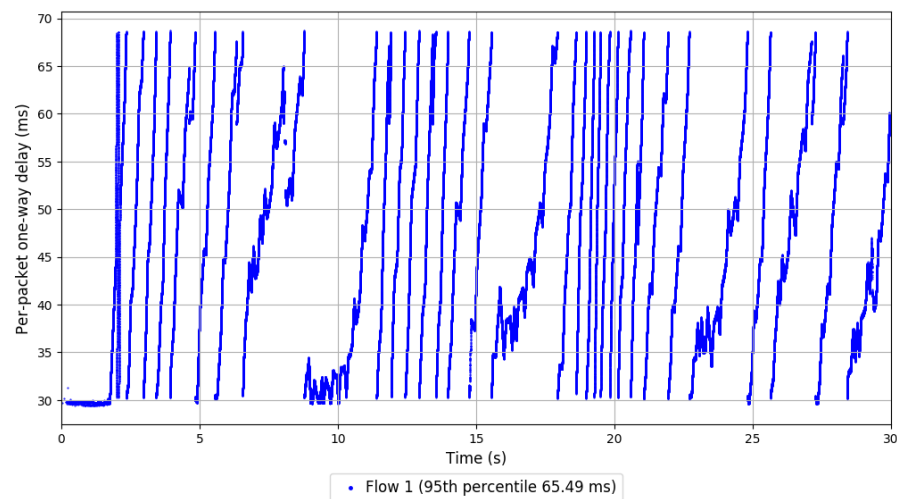
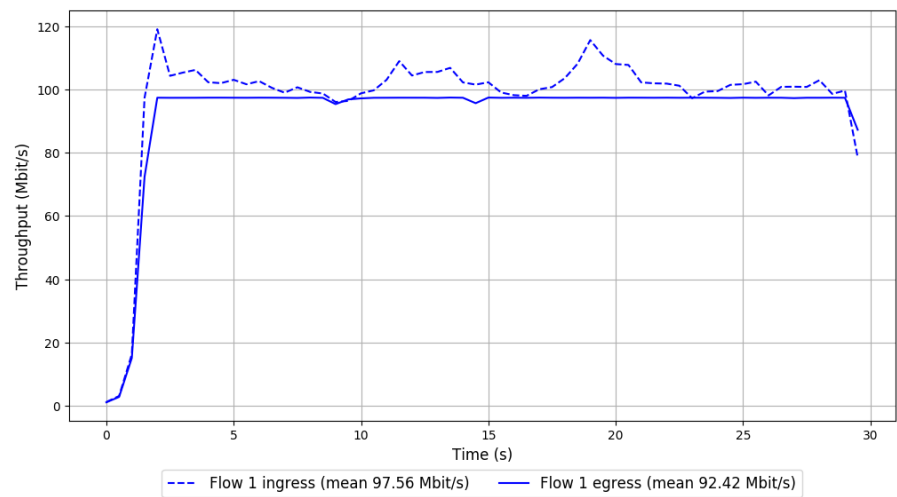


Run 10: Statistics of Vivace-loss

Start at: 2018-04-03 12:46:18
End at: 2018-04-03 12:46:48
Local clock offset: -0.103 ms
Remote clock offset: -5.211 ms

Below is generated by plot.py at 2018-04-03 13:51:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: 65.487 ms
Loss rate: 5.19%
-- Flow 1:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: 65.487 ms
Loss rate: 5.19%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-04-03 08:58:42

End at: 2018-04-03 08:59:12

Local clock offset: -0.25 ms

Remote clock offset: -0.857 ms

Below is generated by plot.py at 2018-04-03 13:51:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.71 Mbit/s

95th percentile per-packet one-way delay: 44.381 ms

Loss rate: 1.62%

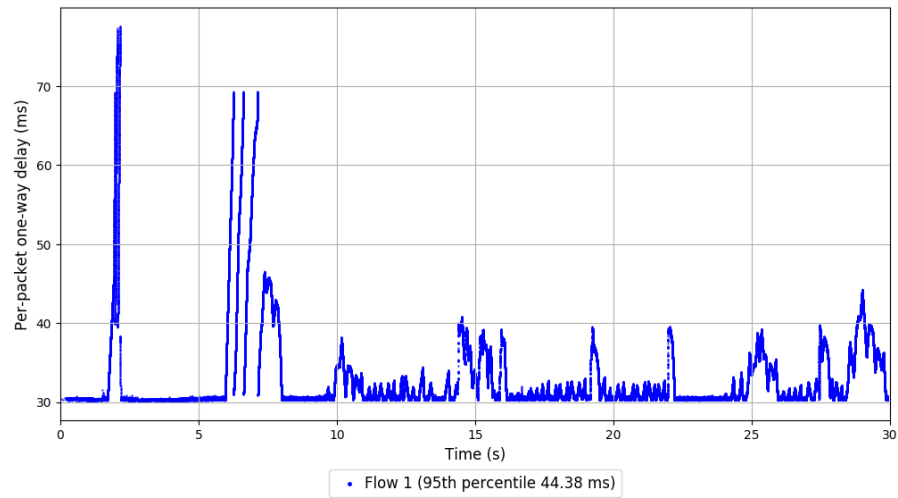
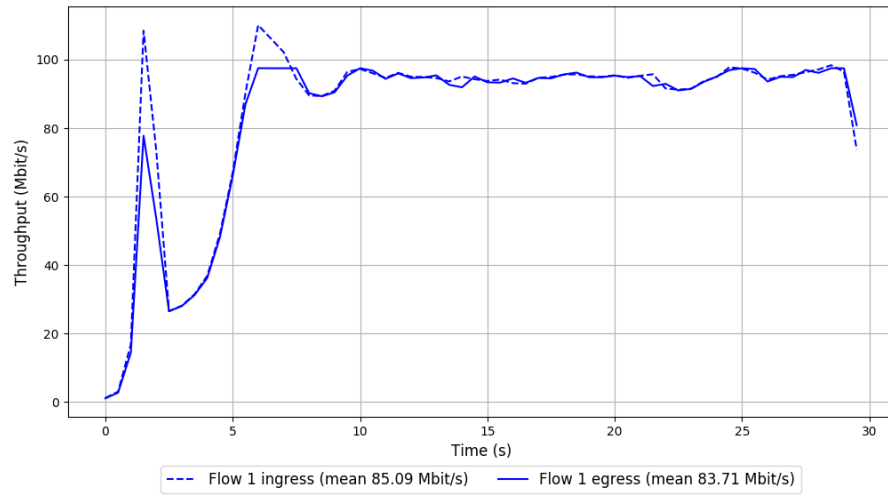
-- Flow 1:

Average throughput: 83.71 Mbit/s

95th percentile per-packet one-way delay: 44.381 ms

Loss rate: 1.62%

Run 1: Report of Vivace-LTE — Data Link

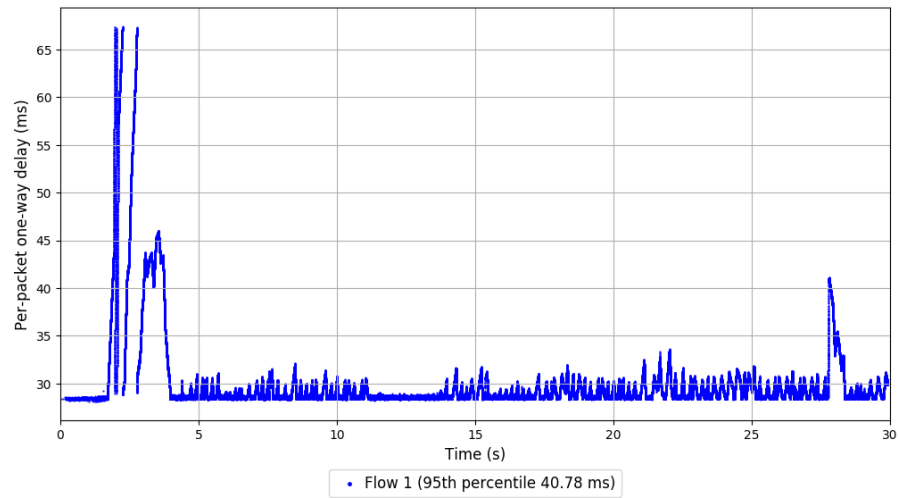
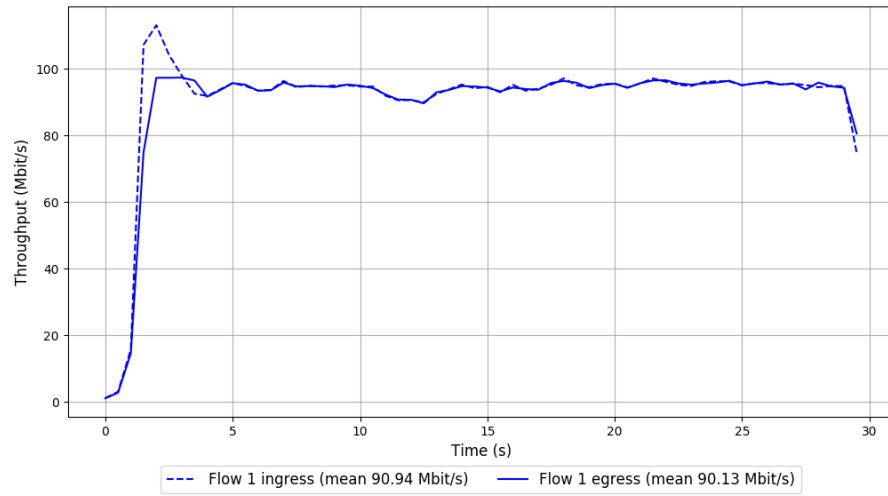


Run 2: Statistics of Vivace-LTE

Start at: 2018-04-03 09:23:38
End at: 2018-04-03 09:24:08
Local clock offset: -0.195 ms
Remote clock offset: -3.318 ms

Below is generated by plot.py at 2018-04-03 13:51:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 40.781 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 40.781 ms
Loss rate: 0.89%

Run 2: Report of Vivace-LTE — Data Link

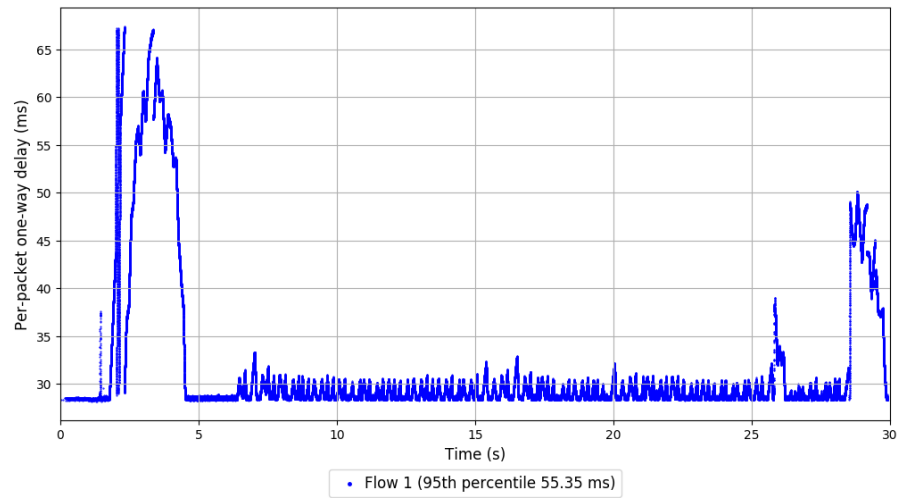
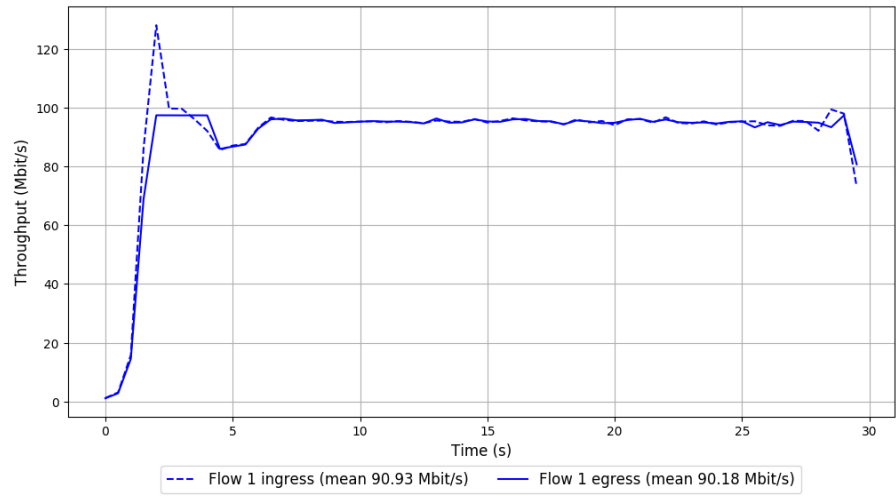


Run 3: Statistics of Vivace-LTE

Start at: 2018-04-03 09:48:50
End at: 2018-04-03 09:49:20
Local clock offset: 0.014 ms
Remote clock offset: -3.717 ms

Below is generated by plot.py at 2018-04-03 13:51:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 55.349 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 55.349 ms
Loss rate: 0.83%

Run 3: Report of Vivace-LTE — Data Link

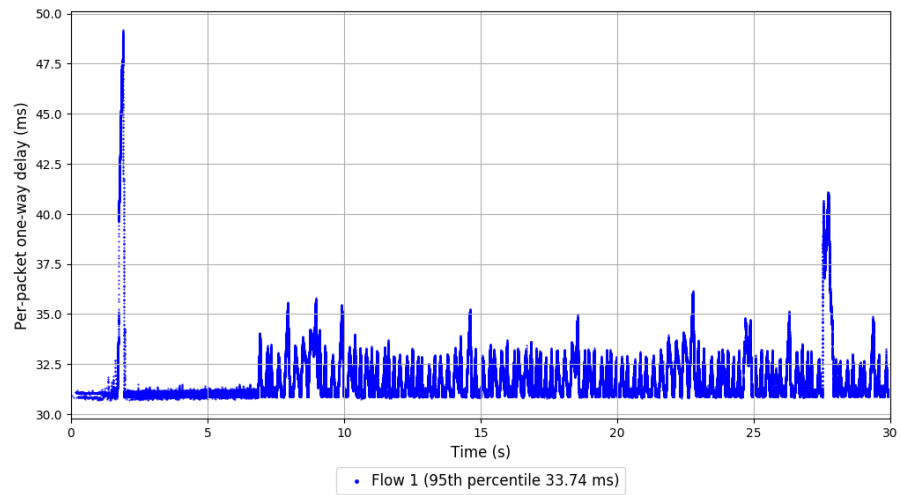
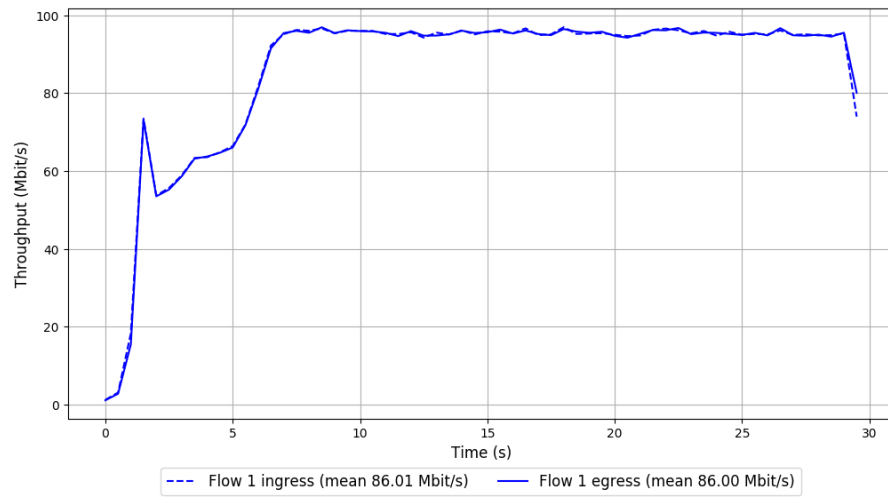


Run 4: Statistics of Vivace-LTE

Start at: 2018-04-03 10:13:16
End at: 2018-04-03 10:13:46
Local clock offset: 0.163 ms
Remote clock offset: -1.247 ms

Below is generated by plot.py at 2018-04-03 13:51:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 33.745 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 33.745 ms
Loss rate: 0.01%

Run 4: Report of Vivace-LTE — Data Link

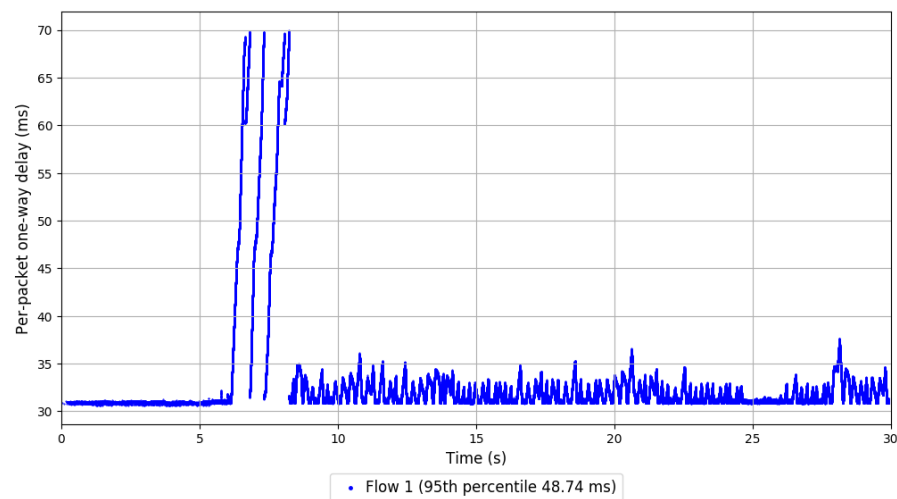
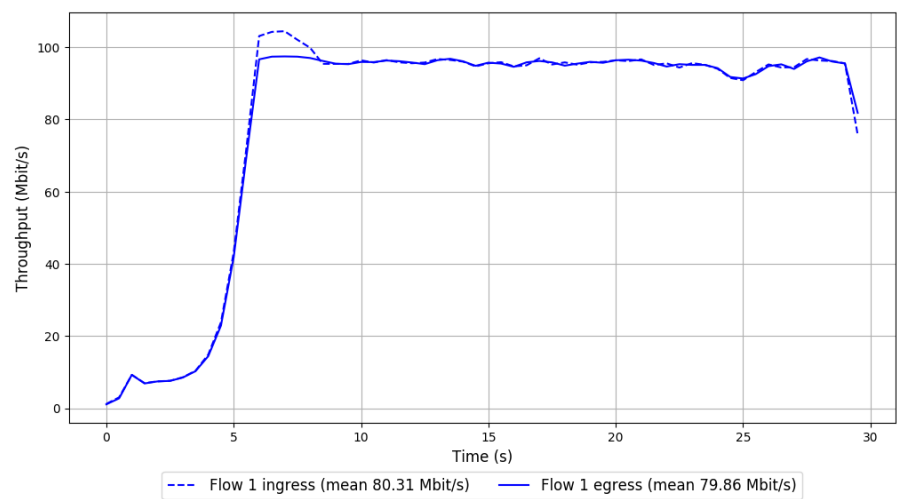


Run 5: Statistics of Vivace-LTE

Start at: 2018-04-03 10:37:59
End at: 2018-04-03 10:38:29
Local clock offset: 0.319 ms
Remote clock offset: -1.486 ms

Below is generated by plot.py at 2018-04-03 13:51:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.86 Mbit/s
95th percentile per-packet one-way delay: 48.742 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 79.86 Mbit/s
95th percentile per-packet one-way delay: 48.742 ms
Loss rate: 0.56%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-04-03 11:03:33

End at: 2018-04-03 11:04:03

Local clock offset: 0.282 ms

Remote clock offset: 3.642 ms

Below is generated by plot.py at 2018-04-03 13:52:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.70 Mbit/s

95th percentile per-packet one-way delay: 42.642 ms

Loss rate: 0.94%

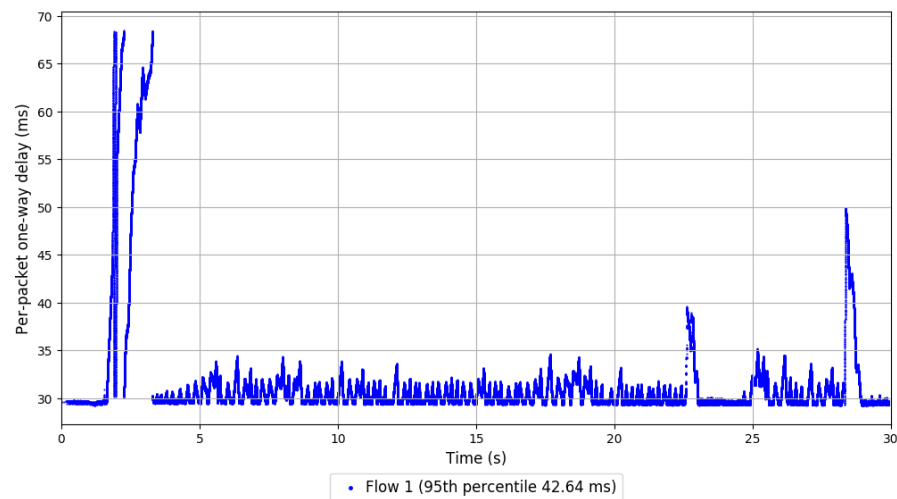
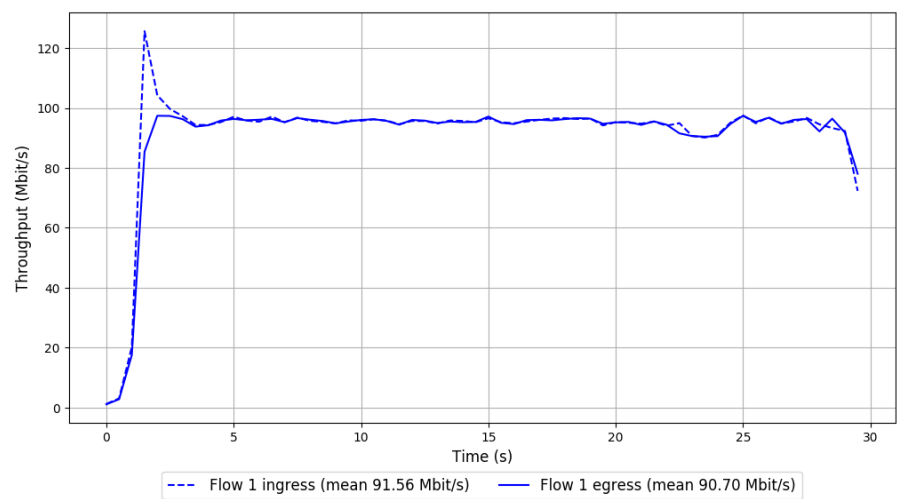
-- Flow 1:

Average throughput: 90.70 Mbit/s

95th percentile per-packet one-way delay: 42.642 ms

Loss rate: 0.94%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-04-03 11:28:50

End at: 2018-04-03 11:29:20

Local clock offset: 0.388 ms

Remote clock offset: 9.214 ms

Below is generated by plot.py at 2018-04-03 13:52:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.67 Mbit/s

95th percentile per-packet one-way delay: 51.848 ms

Loss rate: 0.88%

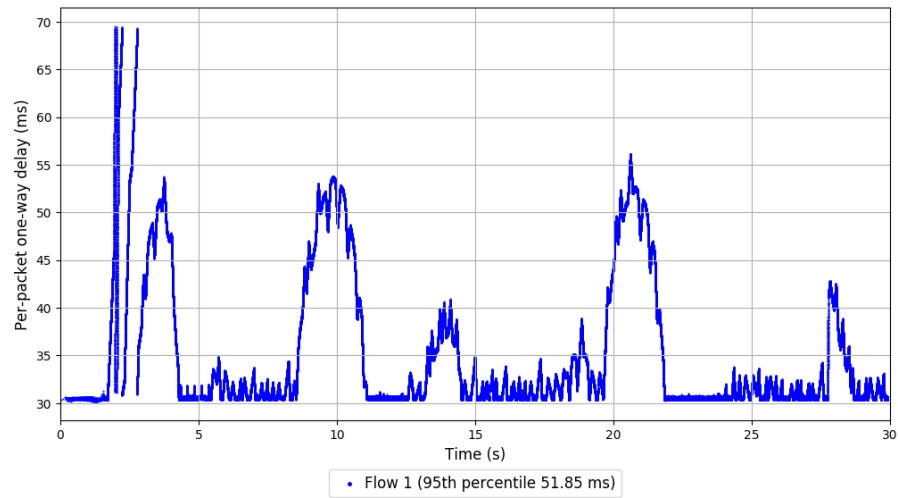
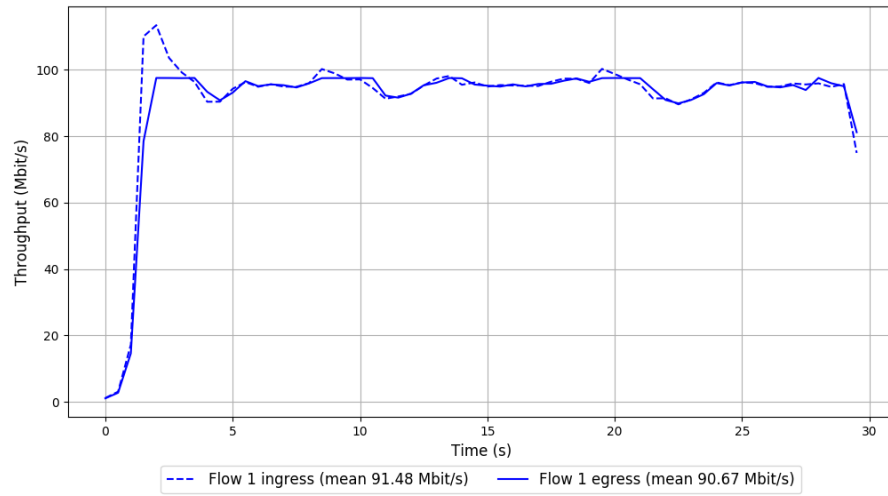
-- Flow 1:

Average throughput: 90.67 Mbit/s

95th percentile per-packet one-way delay: 51.848 ms

Loss rate: 0.88%

Run 7: Report of Vivace-LTE — Data Link

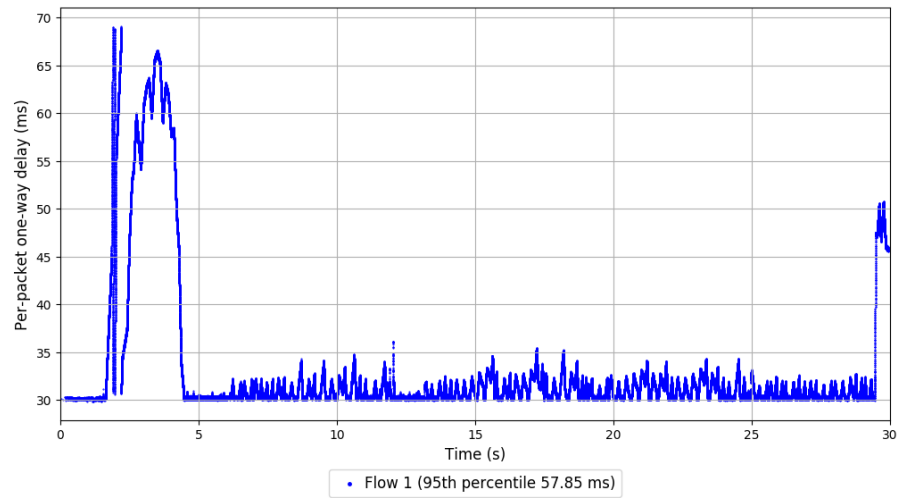
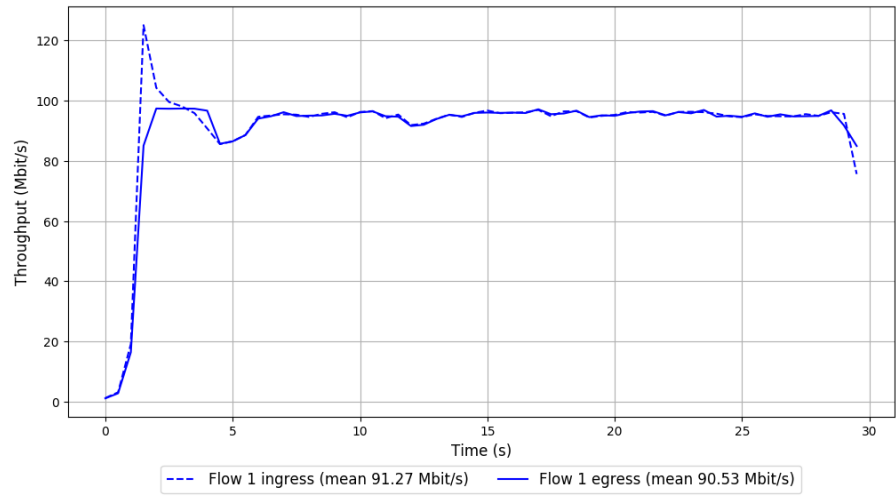


Run 8: Statistics of Vivace-LTE

Start at: 2018-04-03 11:54:10
End at: 2018-04-03 11:54:40
Local clock offset: 0.23 ms
Remote clock offset: 12.741 ms

Below is generated by plot.py at 2018-04-03 13:52:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.53 Mbit/s
95th percentile per-packet one-way delay: 57.852 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 90.53 Mbit/s
95th percentile per-packet one-way delay: 57.852 ms
Loss rate: 0.76%

Run 8: Report of Vivace-LTE — Data Link

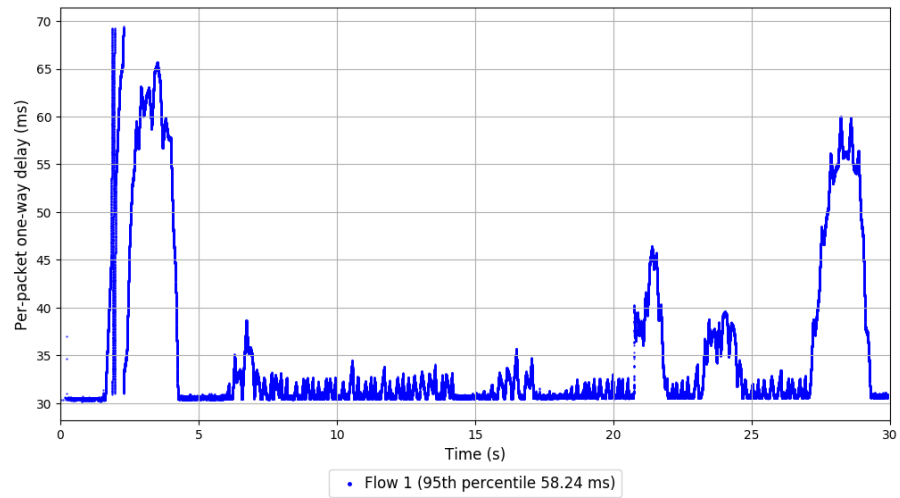
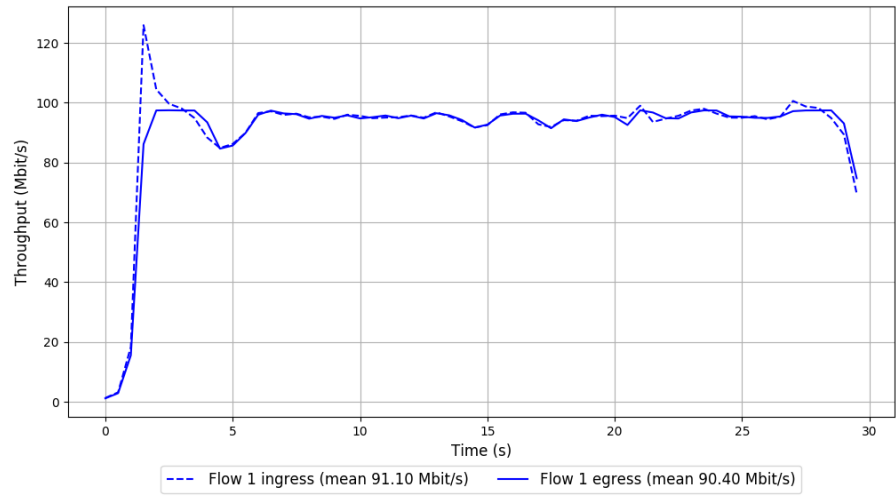


Run 9: Statistics of Vivace-LTE

Start at: 2018-04-03 12:18:43
End at: 2018-04-03 12:19:13
Local clock offset: -0.008 ms
Remote clock offset: -2.553 ms

Below is generated by plot.py at 2018-04-03 13:52:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 58.236 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 58.236 ms
Loss rate: 0.76%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-04-03 12:43:24

End at: 2018-04-03 12:43:54

Local clock offset: -0.087 ms

Remote clock offset: -5.726 ms

Below is generated by plot.py at 2018-04-03 13:52:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.01 Mbit/s

95th percentile per-packet one-way delay: 53.199 ms

Loss rate: 0.89%

-- Flow 1:

Average throughput: 91.01 Mbit/s

95th percentile per-packet one-way delay: 53.199 ms

Loss rate: 0.89%

Run 10: Report of Vivace-LTE — Data Link

