

Pantheon Report

Generated at 2018-03-13 08:35:30 (UTC).

Data path: AWS Brazil 1 Ethernet (*local*) → Brazil Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

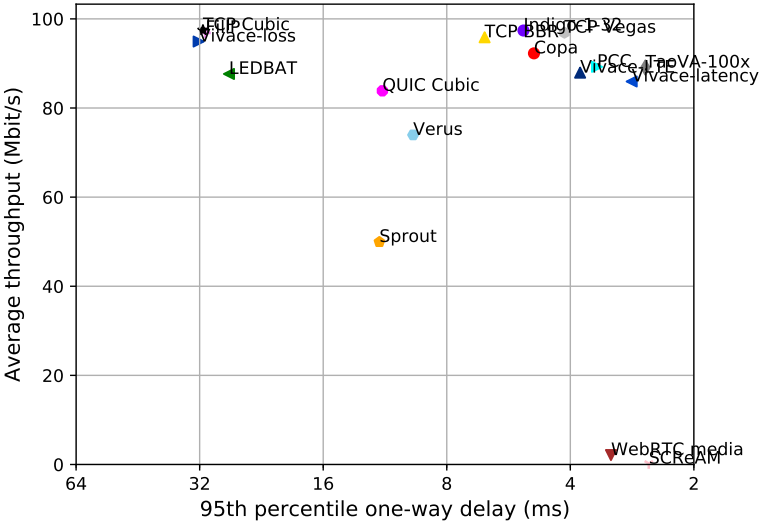
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

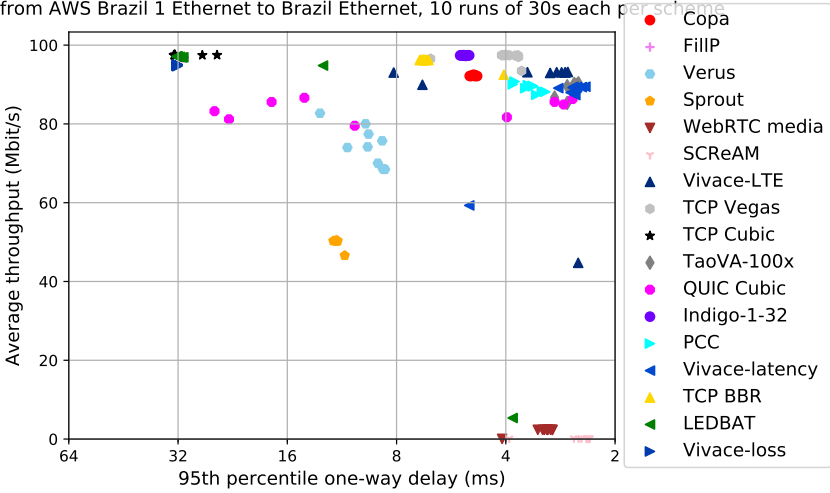
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quirk @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae3b30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS Brazil 1 Ethernet to Brazil 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	95.88	6.47	0.52
TCP Cubic	10	97.48	31.41	0.01
LEDBAT	10	87.64	27.15	0.50
PCC	10	89.24	3.44	0.00
QUIC Cubic	9	83.86	11.48	0.04
SCReAM	10	0.20	2.58	0.24
WebRTC media	10	2.11	3.18	0.02
Sprout	10	49.94	11.68	0.49
TaoVA-100x	10	89.07	2.63	0.49
TCP Vegas	10	96.90	4.13	0.00
Verus	10	73.96	9.66	0.92
Copa	10	92.27	4.91	0.01
FillP	10	96.85	30.97	12.80
Indigo-1-32	10	97.39	5.20	0.02
Vivace-latency	10	85.95	2.84	0.01
Vivace-loss	10	94.92	32.18	3.19
Vivace-LTE	10	87.94	3.79	0.52

Run 1: Statistics of TCP BBR

Start at: 2018-03-13 04:21:58

End at: 2018-03-13 04:22:28

Local clock offset: -7.778 ms

Remote clock offset: -6.122 ms

Below is generated by plot.py at 2018-03-13 08:08:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 6.531 ms

Loss rate: 0.11%

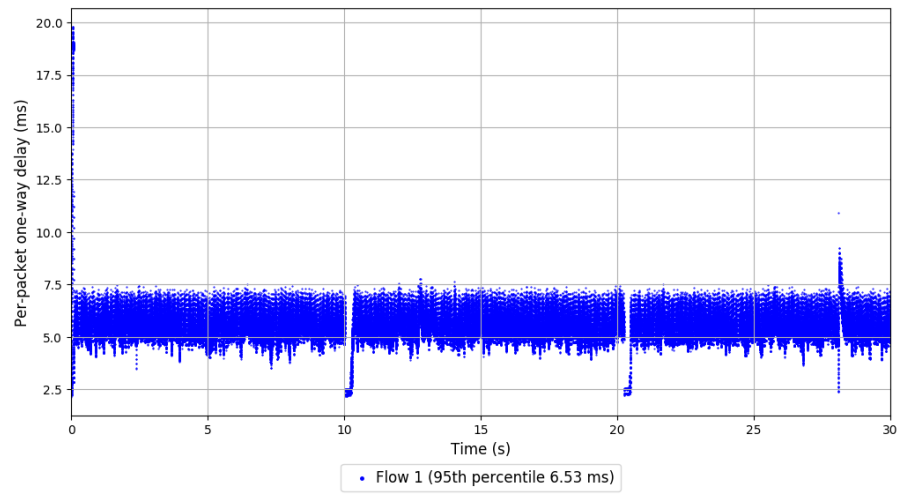
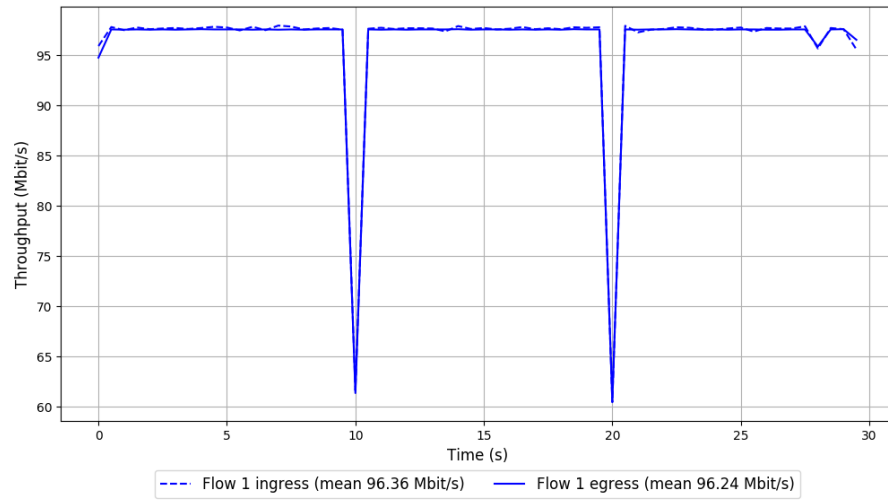
-- Flow 1:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 6.531 ms

Loss rate: 0.11%

Run 1: Report of TCP BBR — Data Link

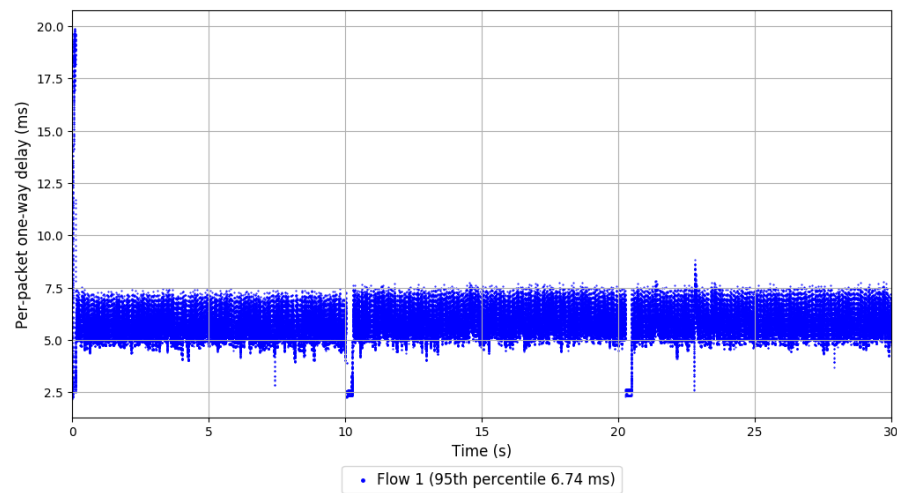
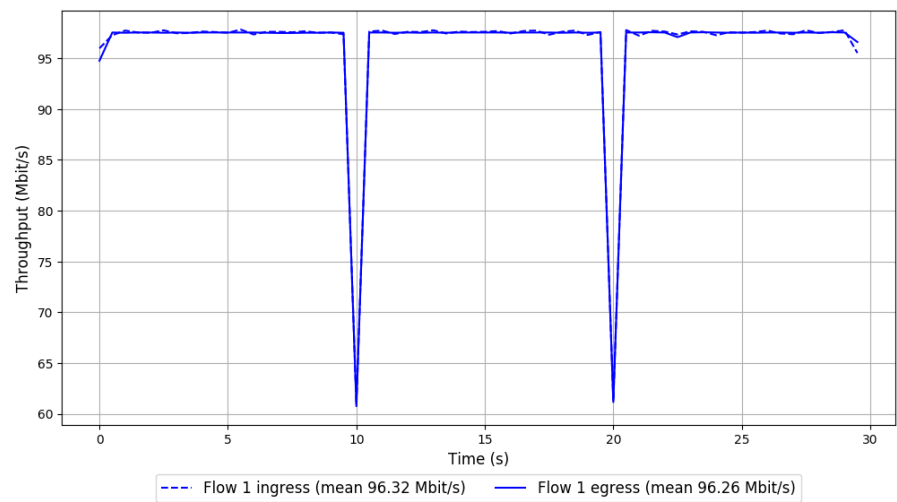


Run 2: Statistics of TCP BBR

Start at: 2018-03-13 04:42:19
End at: 2018-03-13 04:42:49
Local clock offset: -5.069 ms
Remote clock offset: -6.343 ms

Below is generated by plot.py at 2018-03-13 08:08:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 6.744 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 6.744 ms
Loss rate: 0.05%

Run 2: Report of TCP BBR — Data Link

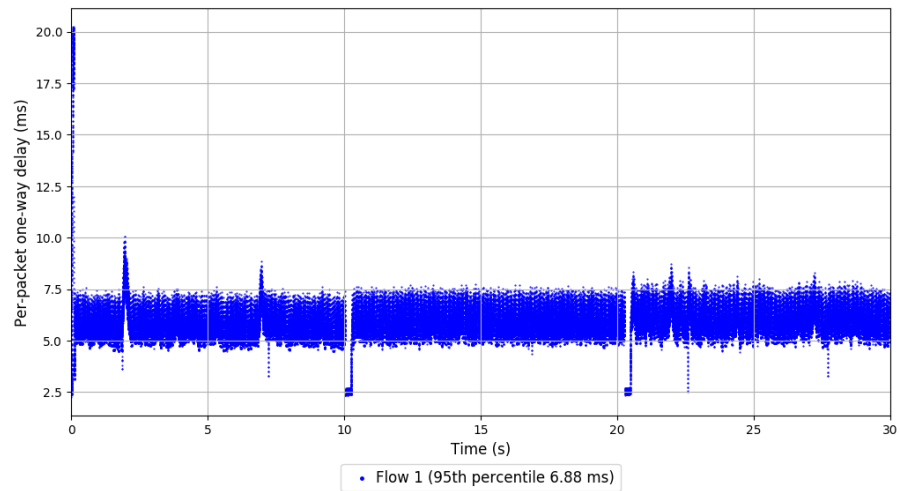
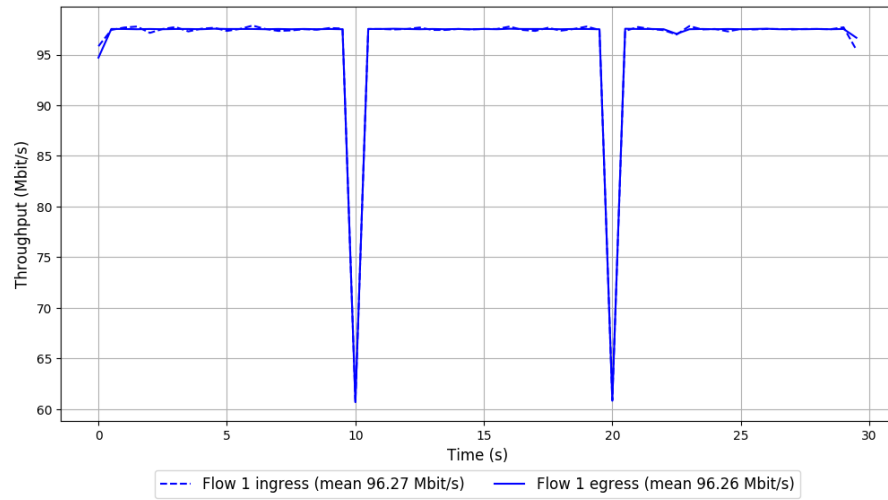


Run 3: Statistics of TCP BBR

Start at: 2018-03-13 05:02:44
End at: 2018-03-13 05:03:14
Local clock offset: -4.859 ms
Remote clock offset: -6.496 ms

Below is generated by plot.py at 2018-03-13 08:08:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 6.880 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 6.880 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

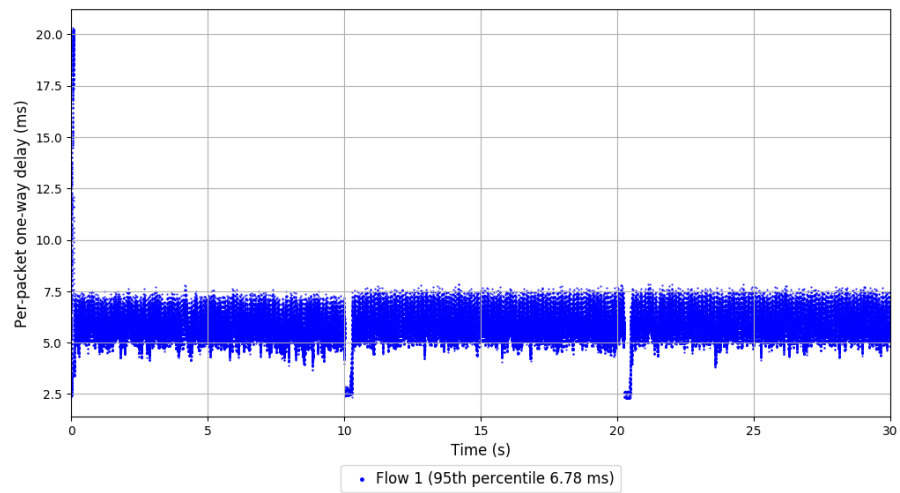
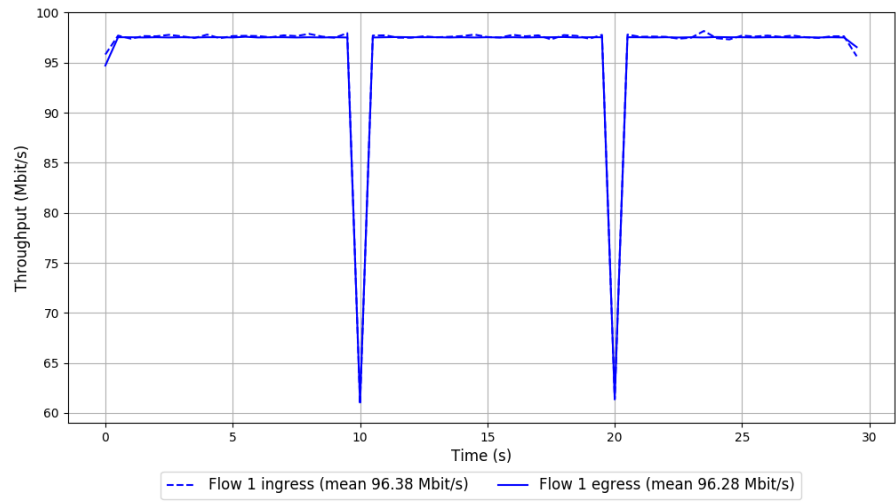


Run 4: Statistics of TCP BBR

Start at: 2018-03-13 05:23:07
End at: 2018-03-13 05:23:37
Local clock offset: -5.632 ms
Remote clock offset: -6.553 ms

Below is generated by plot.py at 2018-03-13 08:08:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 6.778 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 6.778 ms
Loss rate: 0.09%

Run 4: Report of TCP BBR — Data Link

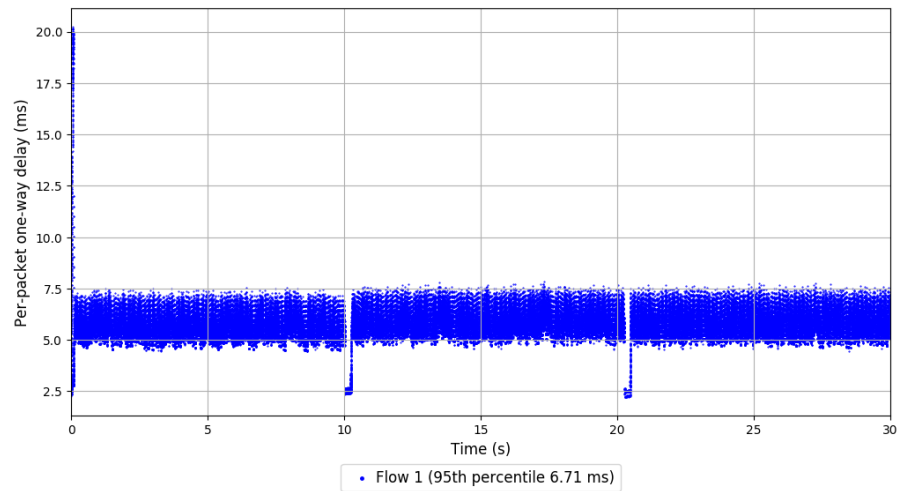
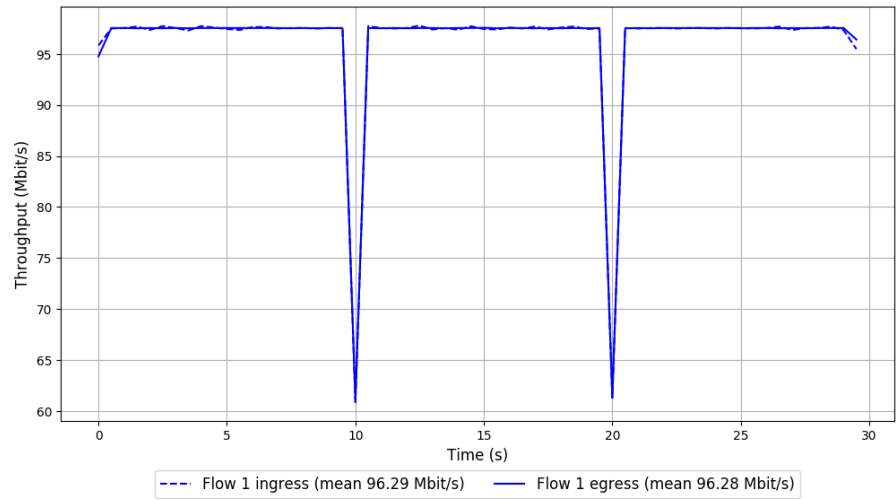


Run 5: Statistics of TCP BBR

Start at: 2018-03-13 05:43:32
End at: 2018-03-13 05:44:02
Local clock offset: -6.277 ms
Remote clock offset: -6.575 ms

Below is generated by plot.py at 2018-03-13 08:08:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 6.713 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 6.713 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

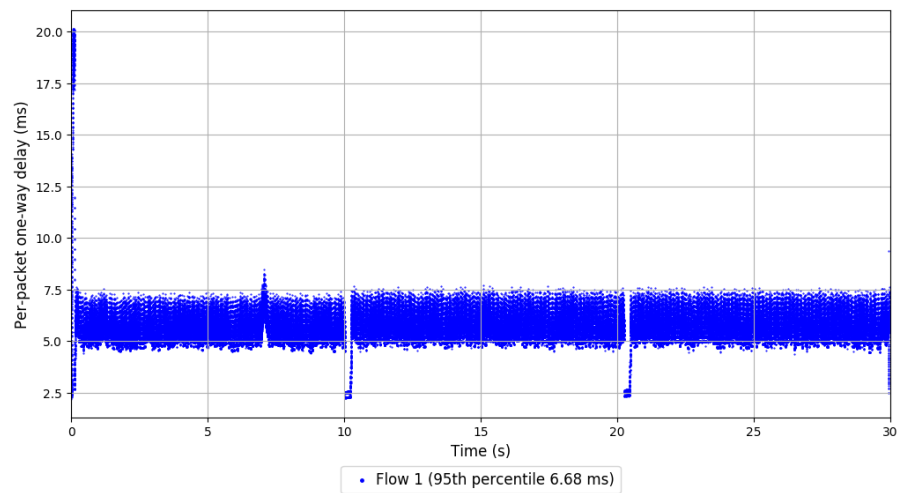
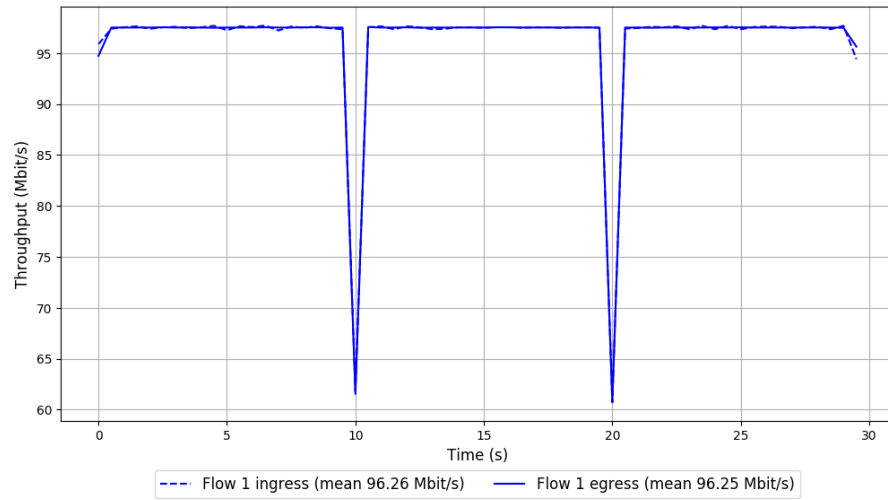


Run 6: Statistics of TCP BBR

Start at: 2018-03-13 06:03:57
End at: 2018-03-13 06:04:27
Local clock offset: -6.854 ms
Remote clock offset: -6.955 ms

Below is generated by plot.py at 2018-03-13 08:08:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 6.685 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 6.685 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

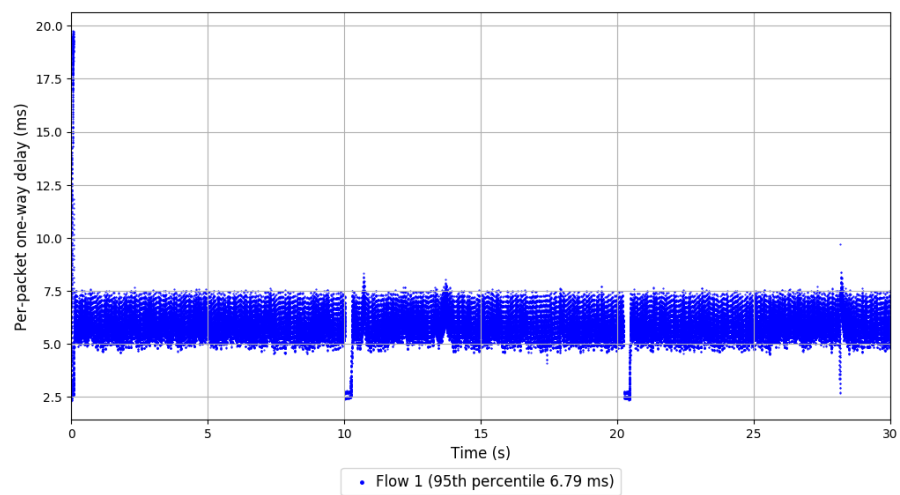
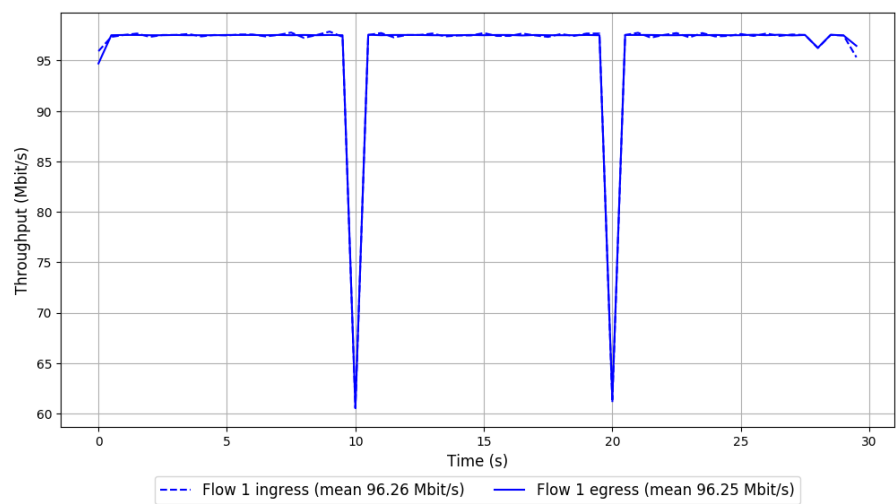


Run 7: Statistics of TCP BBR

Start at: 2018-03-13 06:24:17
End at: 2018-03-13 06:24:47
Local clock offset: -4.957 ms
Remote clock offset: -7.029 ms

Below is generated by plot.py at 2018-03-13 08:08:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 6.785 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 6.785 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link

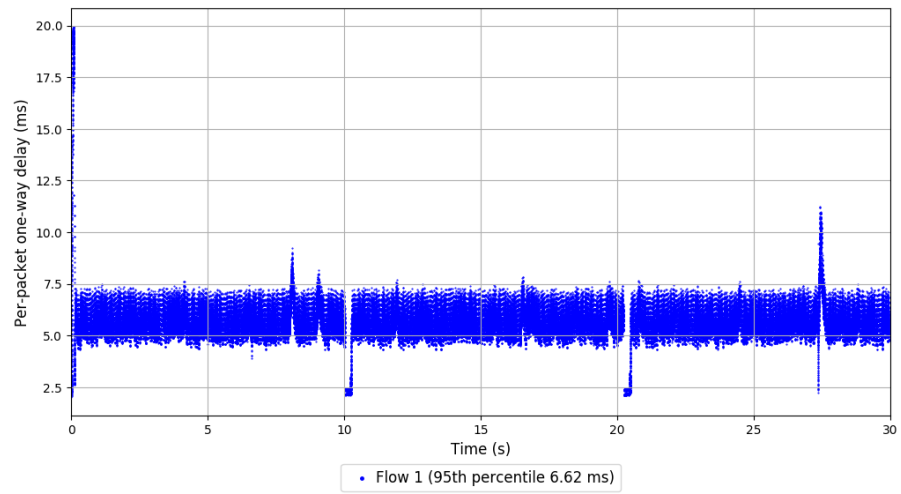
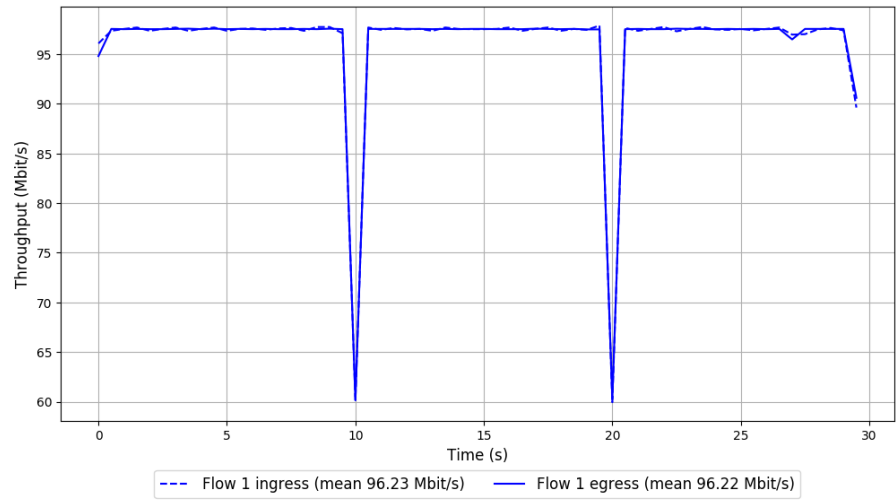


Run 8: Statistics of TCP BBR

Start at: 2018-03-13 06:44:42
End at: 2018-03-13 06:45:12
Local clock offset: -4.606 ms
Remote clock offset: -7.161 ms

Below is generated by plot.py at 2018-03-13 08:08:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 6.623 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 6.623 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

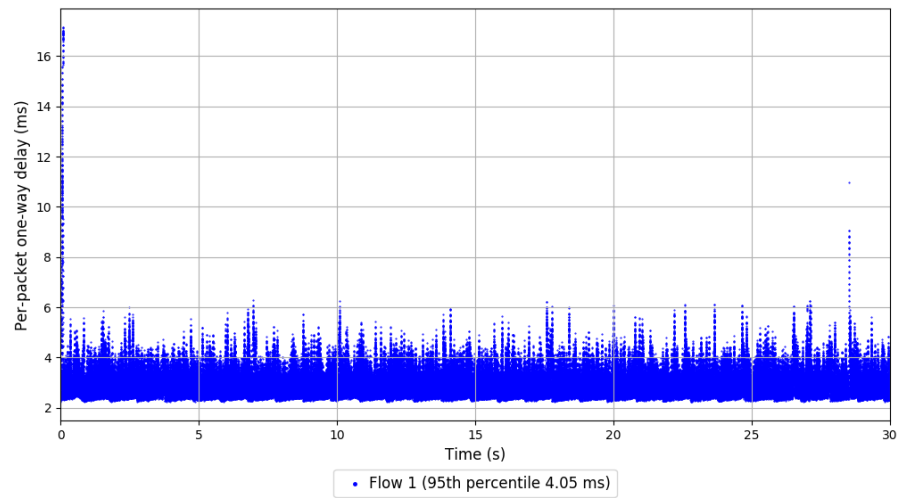
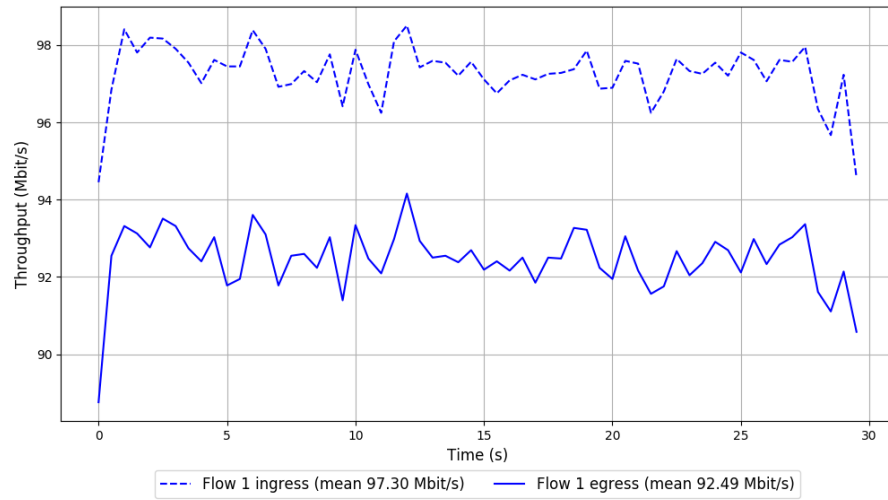


Run 9: Statistics of TCP BBR

Start at: 2018-03-13 07:05:04
End at: 2018-03-13 07:05:34
Local clock offset: -5.768 ms
Remote clock offset: -7.413 ms

Below is generated by plot.py at 2018-03-13 08:09:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.49 Mbit/s
95th percentile per-packet one-way delay: 4.050 ms
Loss rate: 4.94%
-- Flow 1:
Average throughput: 92.49 Mbit/s
95th percentile per-packet one-way delay: 4.050 ms
Loss rate: 4.94%

Run 9: Report of TCP BBR — Data Link

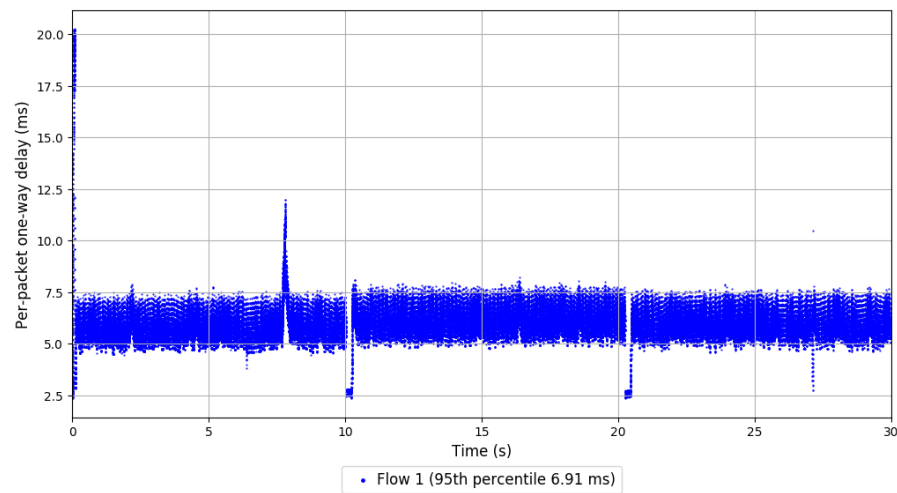
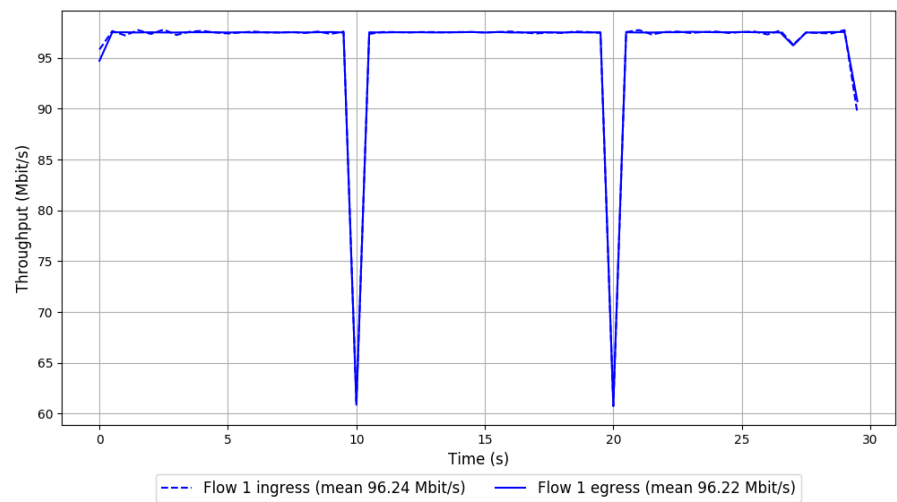


Run 10: Statistics of TCP BBR

Start at: 2018-03-13 07:25:30
End at: 2018-03-13 07:26:00
Local clock offset: -3.054 ms
Remote clock offset: -7.727 ms

Below is generated by plot.py at 2018-03-13 08:09:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 6.907 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 6.907 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

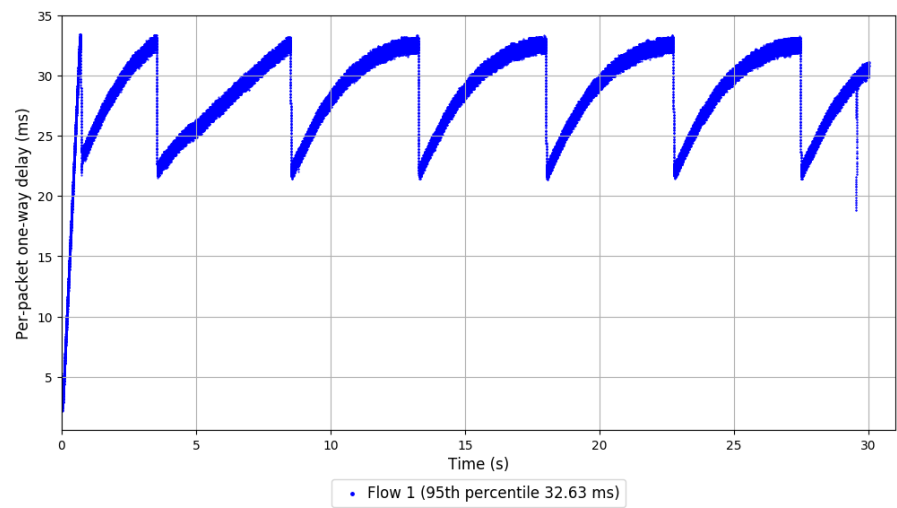
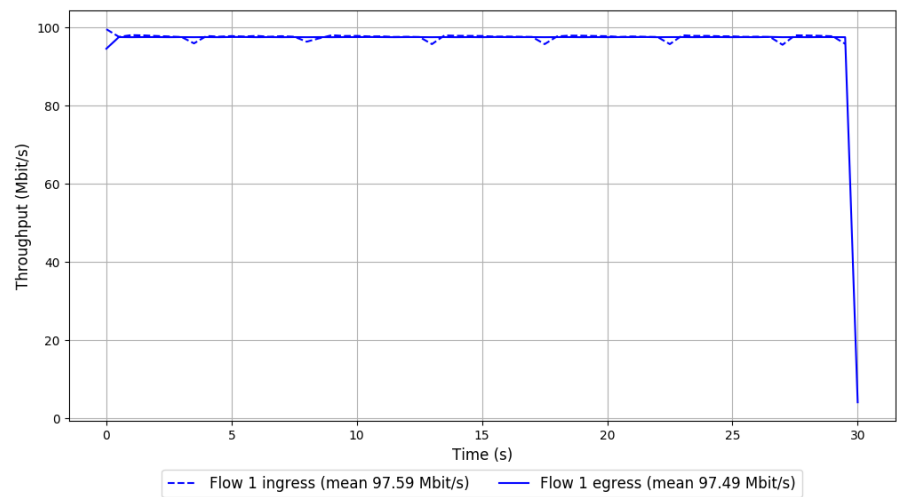


Run 1: Statistics of TCP Cubic

Start at: 2018-03-13 04:20:50
End at: 2018-03-13 04:21:20
Local clock offset: -7.711 ms
Remote clock offset: -6.116 ms

Below is generated by plot.py at 2018-03-13 08:09:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.631 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.631 ms
Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link

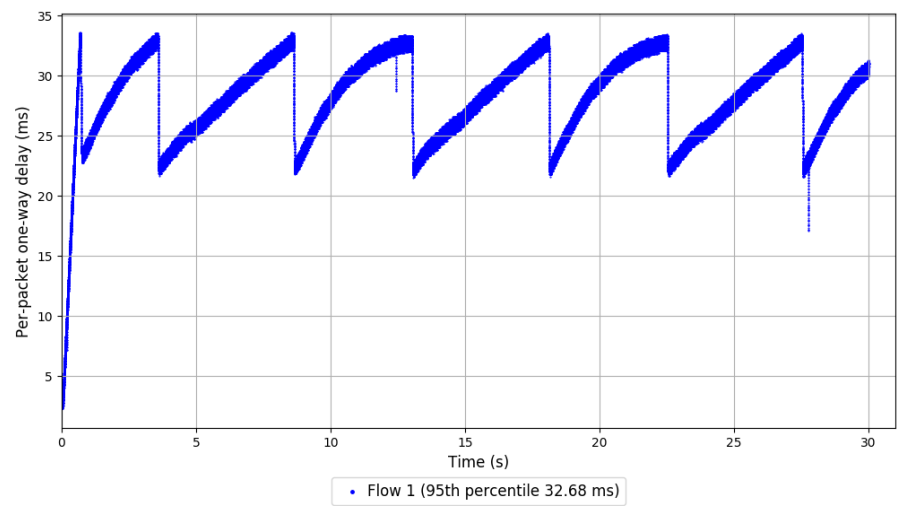
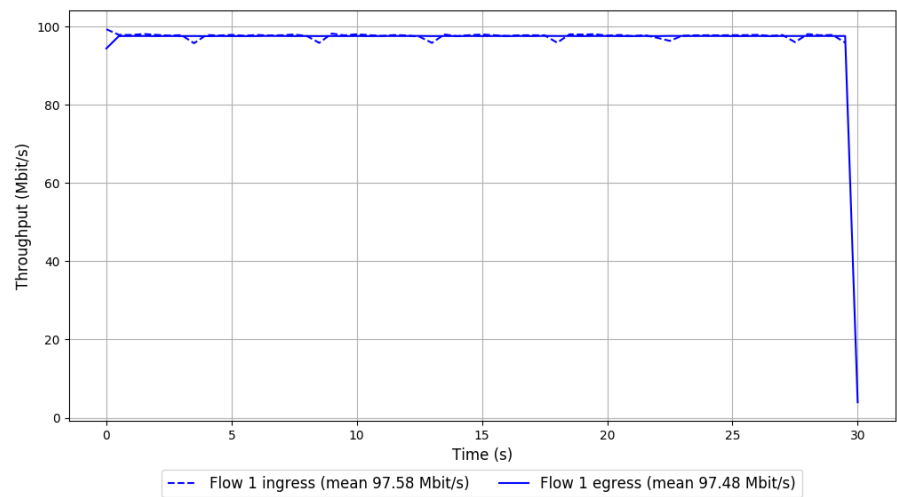


Run 2: Statistics of TCP Cubic

Start at: 2018-03-13 04:41:11
End at: 2018-03-13 04:41:41
Local clock offset: -5.134 ms
Remote clock offset: -6.221 ms

Below is generated by plot.py at 2018-03-13 08:09:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.681 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.681 ms
Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link

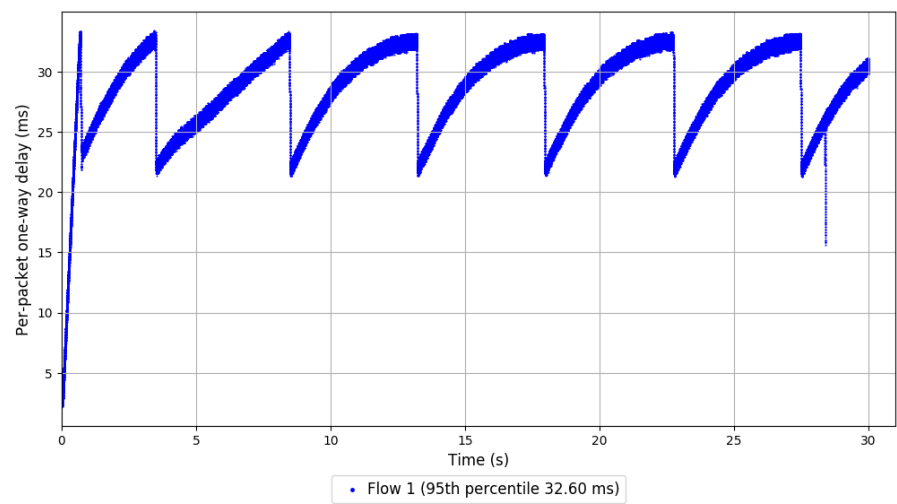
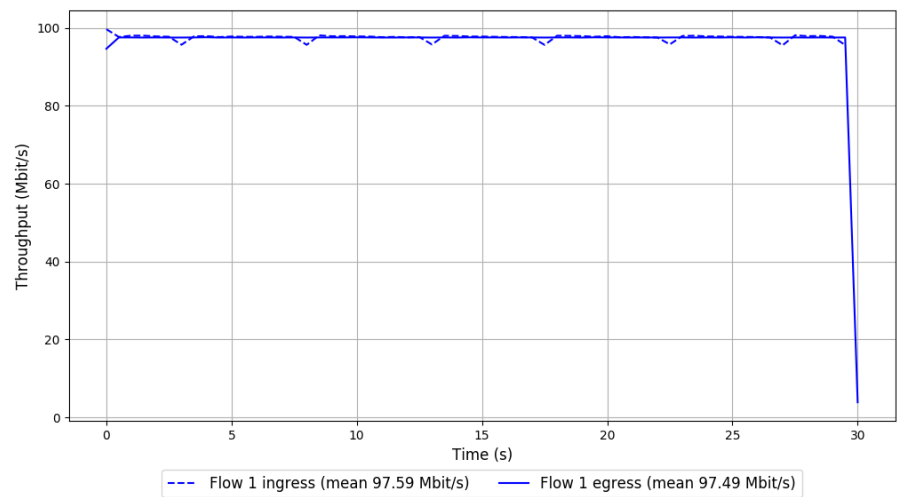


Run 3: Statistics of TCP Cubic

Start at: 2018-03-13 05:01:36
End at: 2018-03-13 05:02:06
Local clock offset: -4.73 ms
Remote clock offset: -6.576 ms

Below is generated by plot.py at 2018-03-13 08:09:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.602 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.602 ms
Loss rate: 0.01%

Run 3: Report of TCP Cubic — Data Link

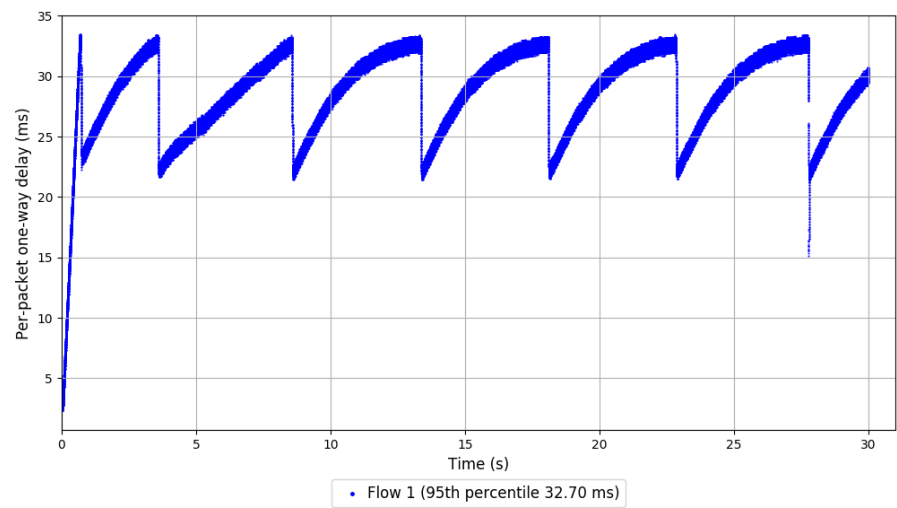
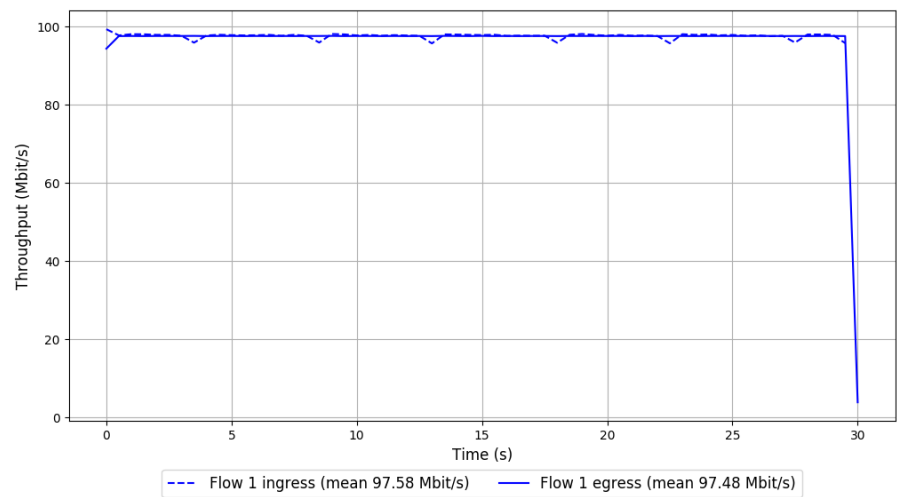


Run 4: Statistics of TCP Cubic

Start at: 2018-03-13 05:21:59
End at: 2018-03-13 05:22:29
Local clock offset: -5.552 ms
Remote clock offset: -6.566 ms

Below is generated by plot.py at 2018-03-13 08:09:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.695 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.695 ms
Loss rate: 0.01%

Run 4: Report of TCP Cubic — Data Link

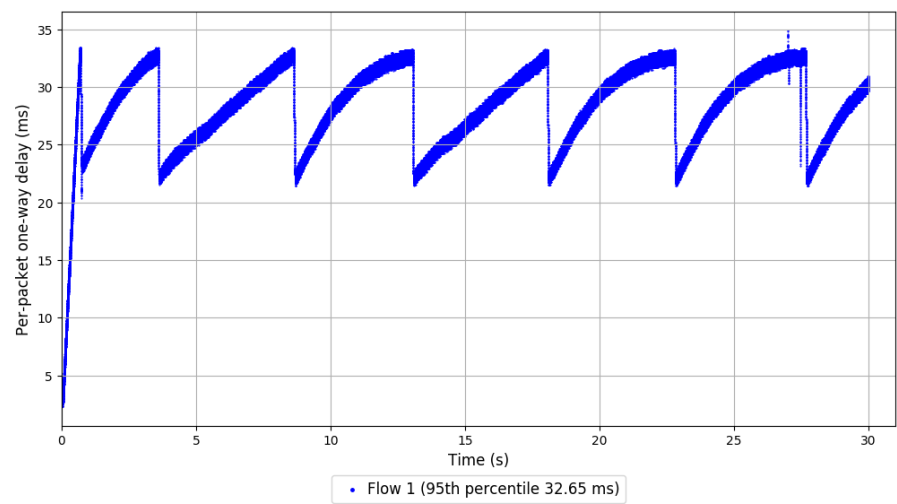
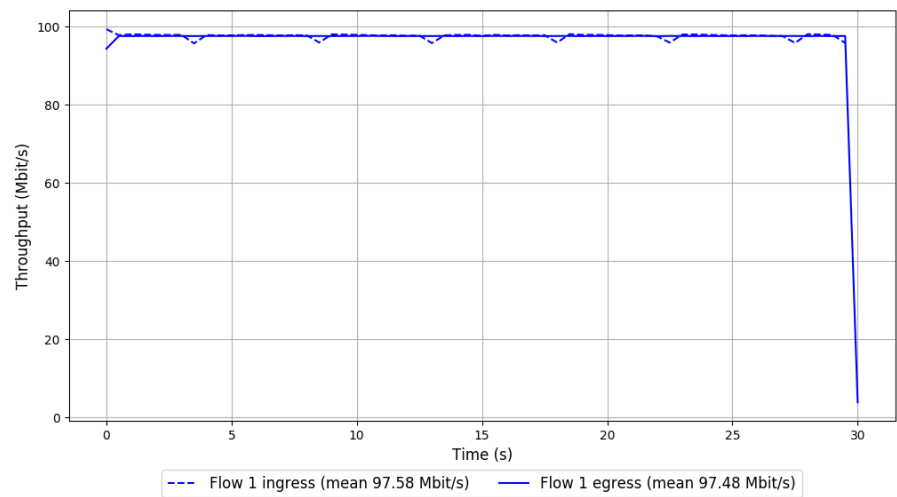


Run 5: Statistics of TCP Cubic

Start at: 2018-03-13 05:42:24
End at: 2018-03-13 05:42:54
Local clock offset: -6.235 ms
Remote clock offset: -6.573 ms

Below is generated by plot.py at 2018-03-13 08:09:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.646 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.646 ms
Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-03-13 06:02:49

End at: 2018-03-13 06:03:19

Local clock offset: -6.83 ms

Remote clock offset: -6.87 ms

Below is generated by plot.py at 2018-03-13 08:09:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 24.983 ms

Loss rate: 0.01%

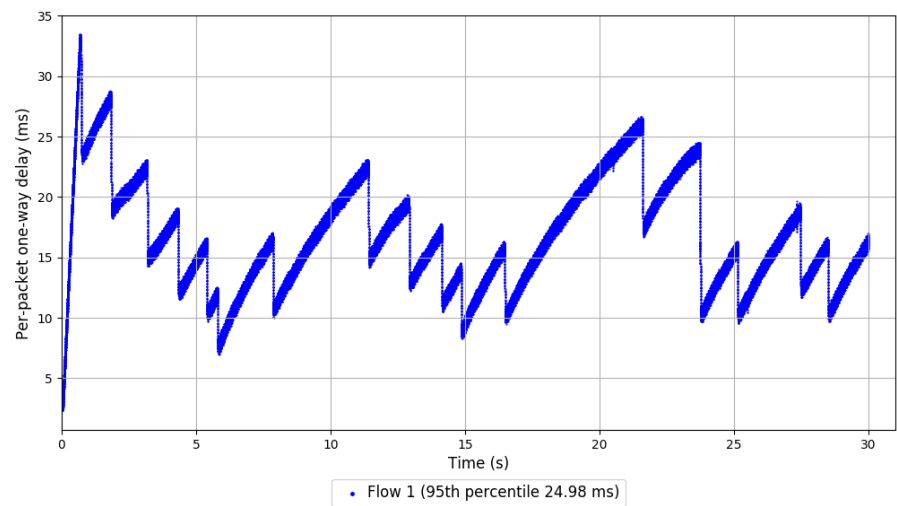
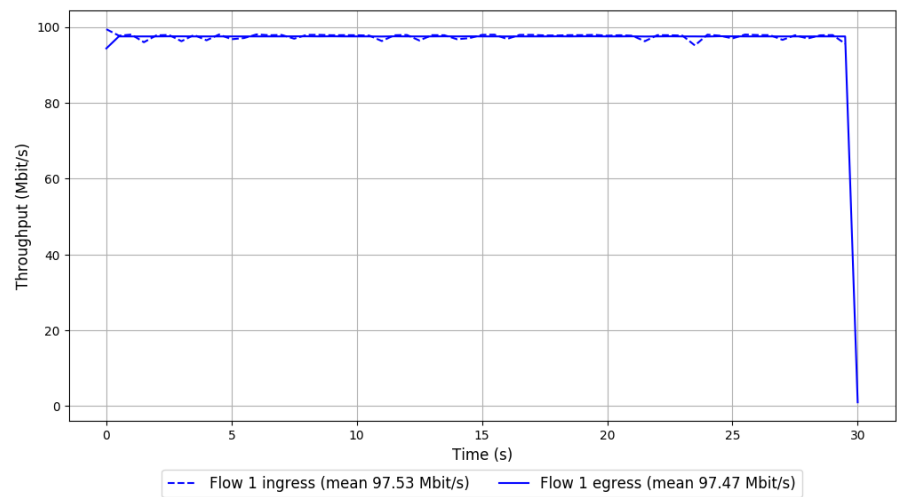
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 24.983 ms

Loss rate: 0.01%

Run 6: Report of TCP Cubic — Data Link

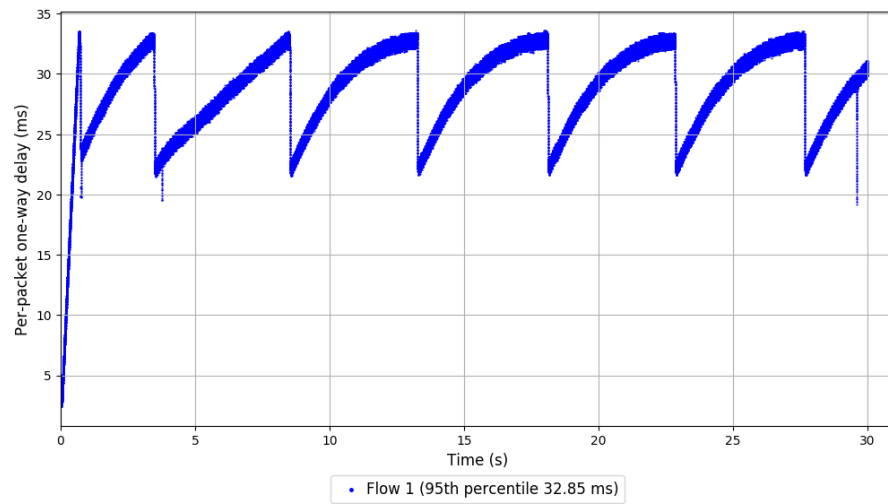
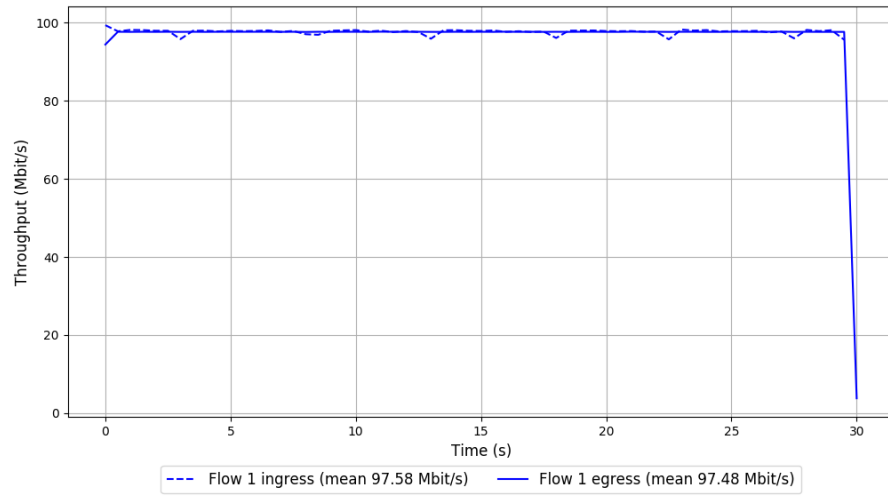


Run 7: Statistics of TCP Cubic

Start at: 2018-03-13 06:23:09
End at: 2018-03-13 06:23:39
Local clock offset: -5.087 ms
Remote clock offset: -7.039 ms

Below is generated by plot.py at 2018-03-13 08:11:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.854 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.854 ms
Loss rate: 0.01%

Run 7: Report of TCP Cubic — Data Link

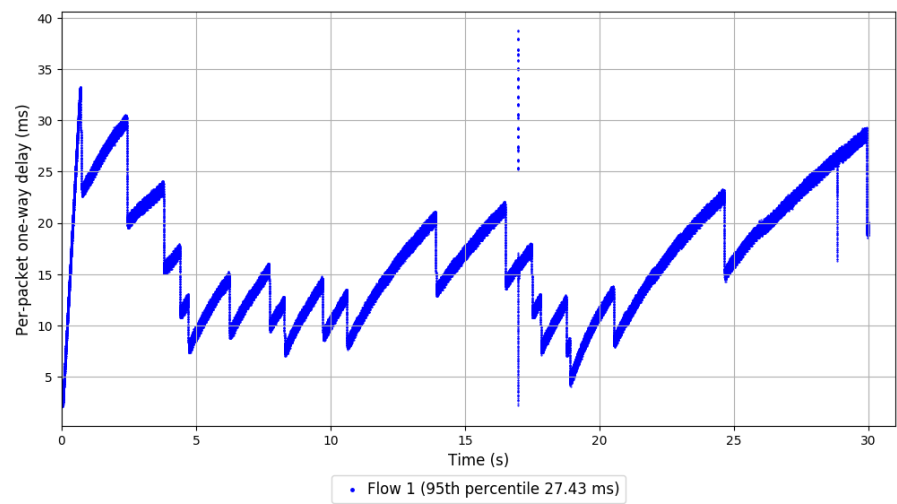
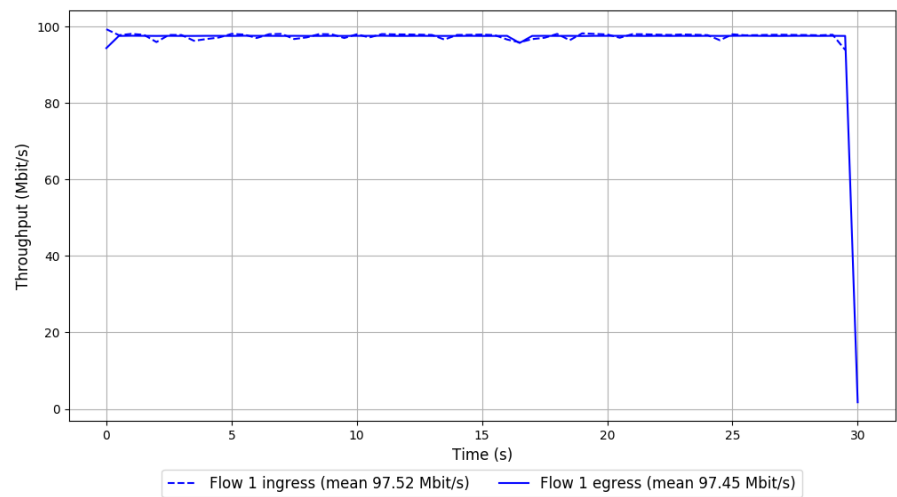


Run 8: Statistics of TCP Cubic

Start at: 2018-03-13 06:43:34
End at: 2018-03-13 06:44:04
Local clock offset: -4.433 ms
Remote clock offset: -7.148 ms

Below is generated by plot.py at 2018-03-13 08:11:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 27.433 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 27.433 ms
Loss rate: 0.01%

Run 8: Report of TCP Cubic — Data Link

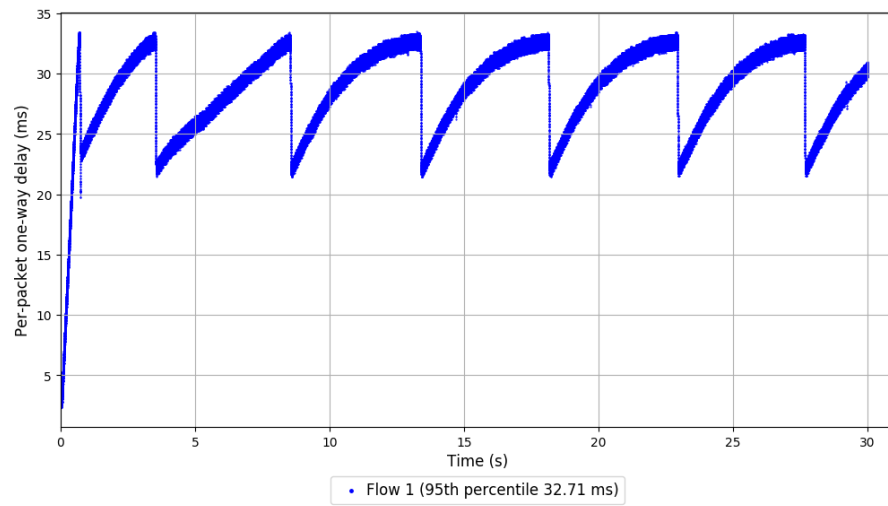
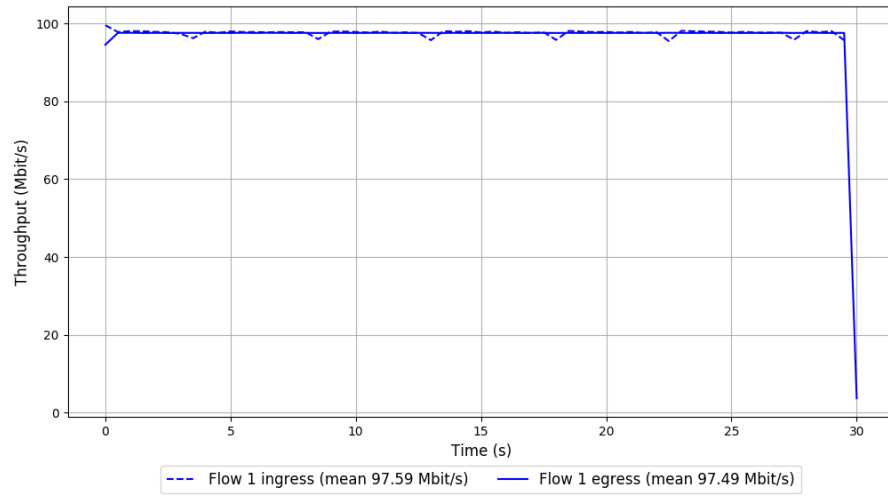


Run 9: Statistics of TCP Cubic

Start at: 2018-03-13 07:03:56
End at: 2018-03-13 07:04:26
Local clock offset: -5.752 ms
Remote clock offset: -7.398 ms

Below is generated by plot.py at 2018-03-13 08:11:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.714 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.714 ms
Loss rate: 0.01%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-03-13 07:24:22

End at: 2018-03-13 07:24:52

Local clock offset: -3.285 ms

Remote clock offset: -7.66 ms

Below is generated by plot.py at 2018-03-13 08:11:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 32.883 ms

Loss rate: 0.01%

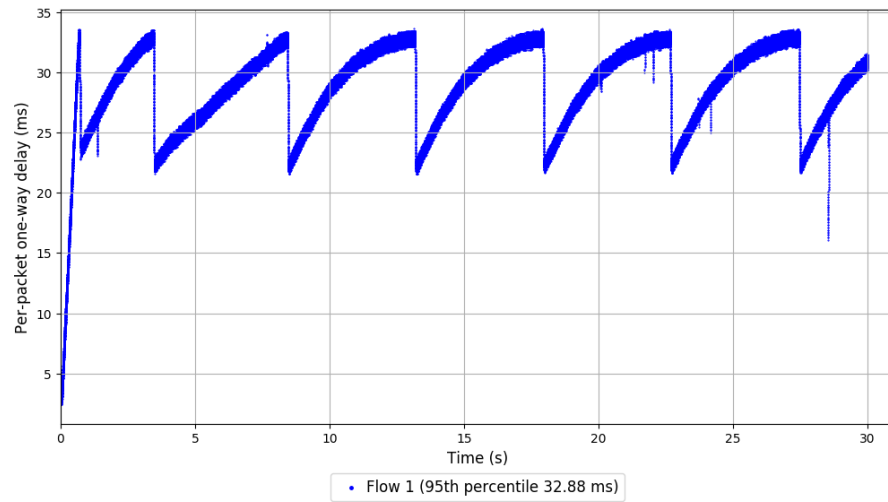
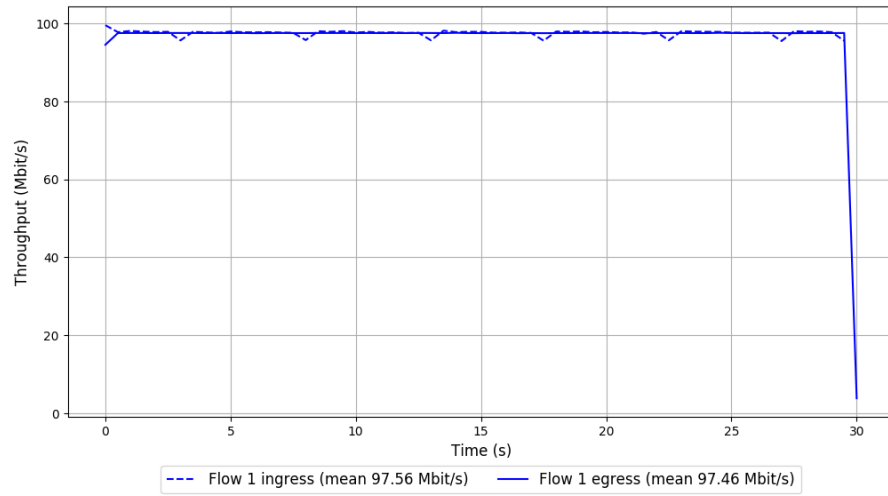
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 32.883 ms

Loss rate: 0.01%

Run 10: Report of TCP Cubic — Data Link

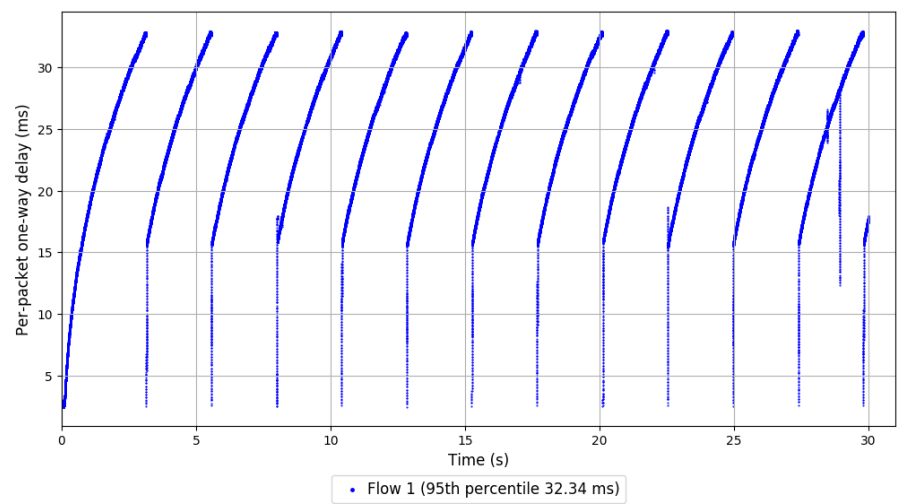
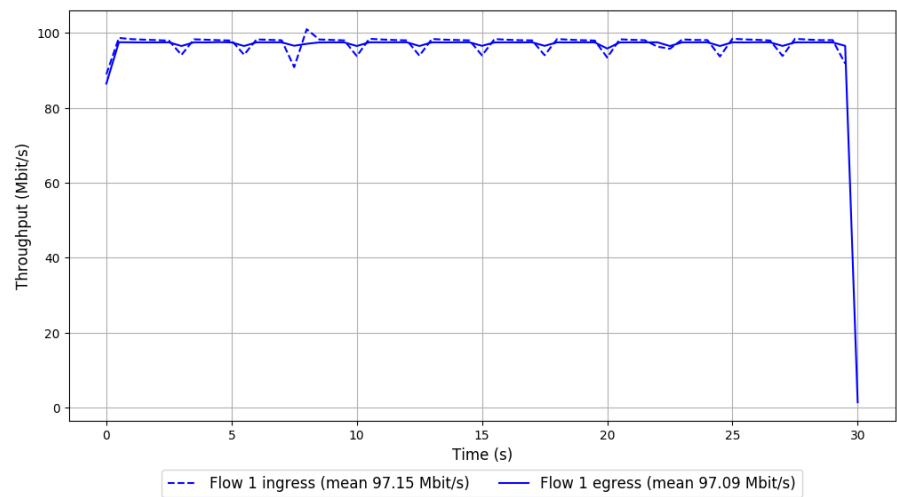


Run 1: Statistics of LEDBAT

Start at: 2018-03-13 04:31:05
End at: 2018-03-13 04:31:35
Local clock offset: -6.526 ms
Remote clock offset: -6.125 ms

Below is generated by plot.py at 2018-03-13 08:11:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 32.343 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 32.343 ms
Loss rate: 0.01%

Run 1: Report of LEDBAT — Data Link

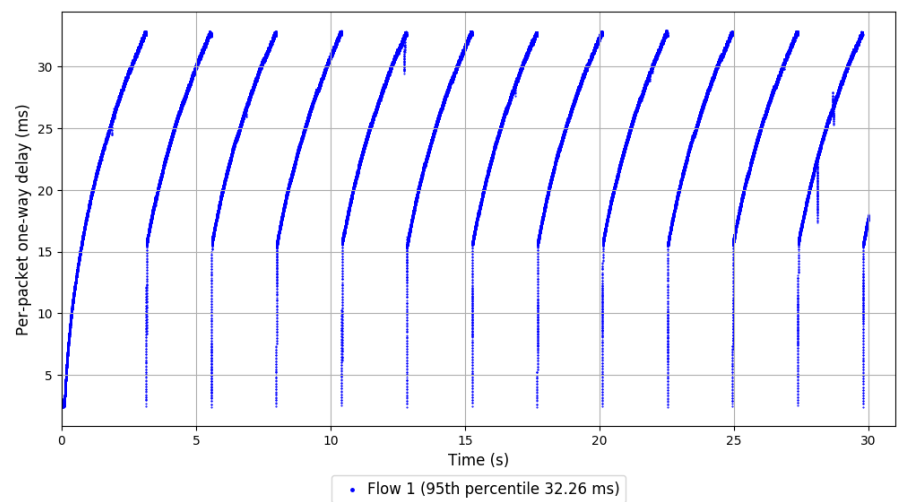
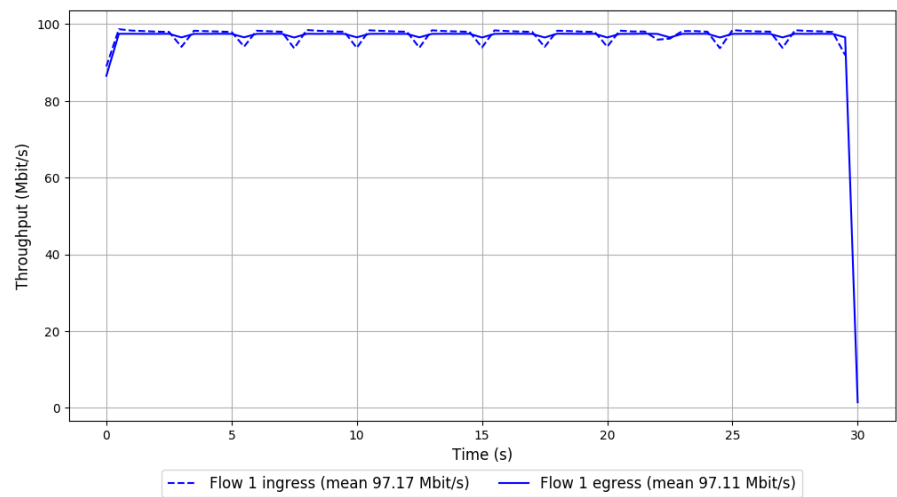


Run 2: Statistics of LEDBAT

Start at: 2018-03-13 04:51:30
End at: 2018-03-13 04:52:00
Local clock offset: -4.813 ms
Remote clock offset: -6.429 ms

Below is generated by plot.py at 2018-03-13 08:11:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.262 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.262 ms
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link

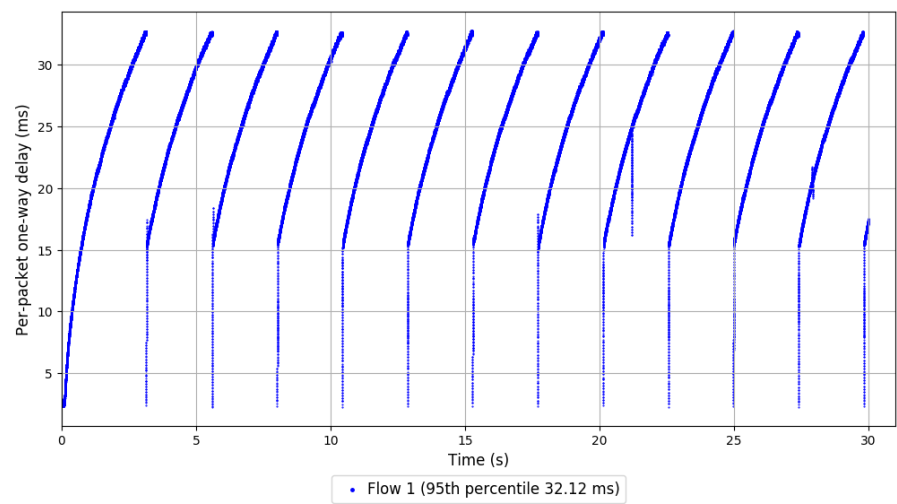
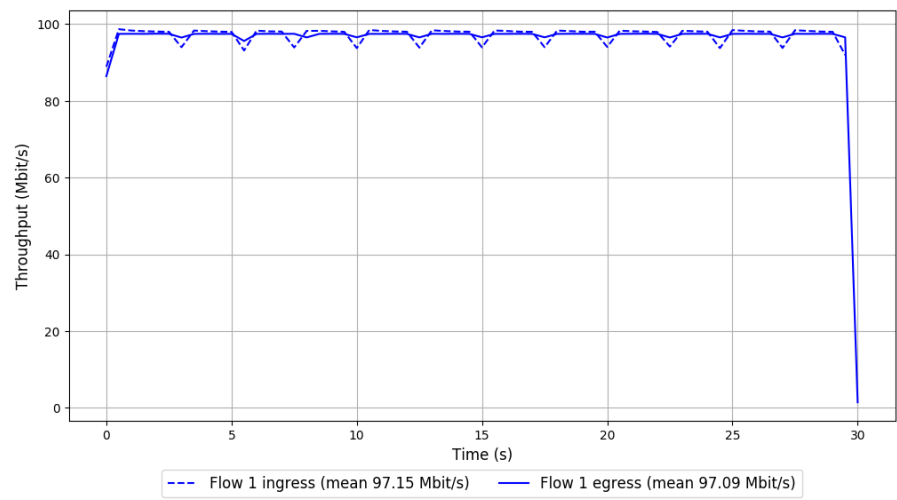


Run 3: Statistics of LEDBAT

Start at: 2018-03-13 05:11:55
End at: 2018-03-13 05:12:25
Local clock offset: -5.389 ms
Remote clock offset: -6.608 ms

Below is generated by plot.py at 2018-03-13 08:11:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 32.118 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 32.118 ms
Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link

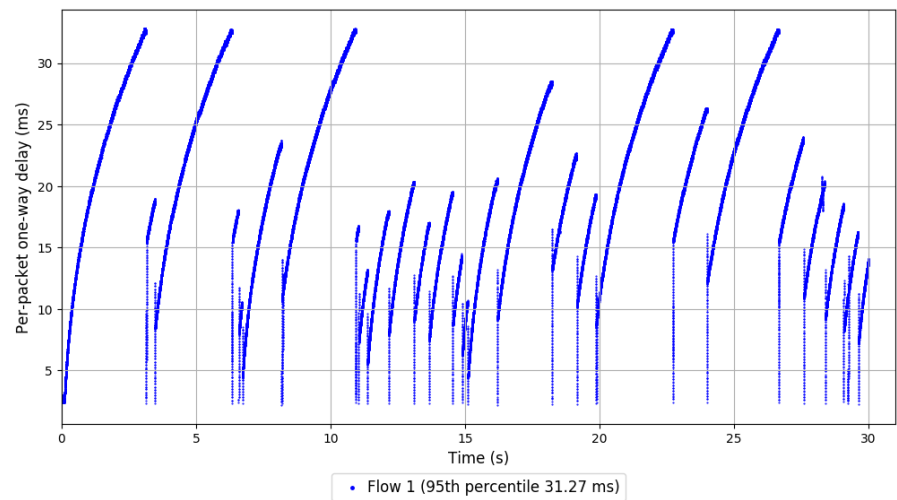
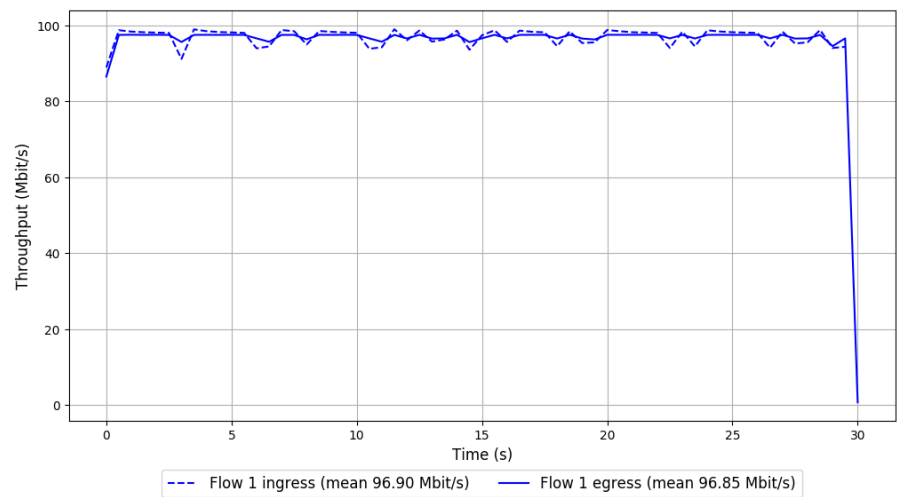


Run 4: Statistics of LEDBAT

Start at: 2018-03-13 05:32:18
End at: 2018-03-13 05:32:48
Local clock offset: -5.747 ms
Remote clock offset: -6.564 ms

Below is generated by plot.py at 2018-03-13 08:11:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 31.274 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 31.274 ms
Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link

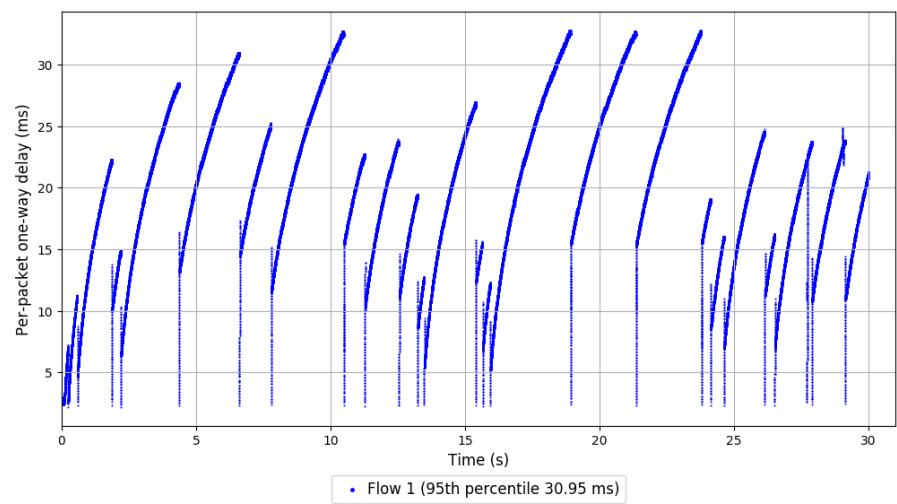
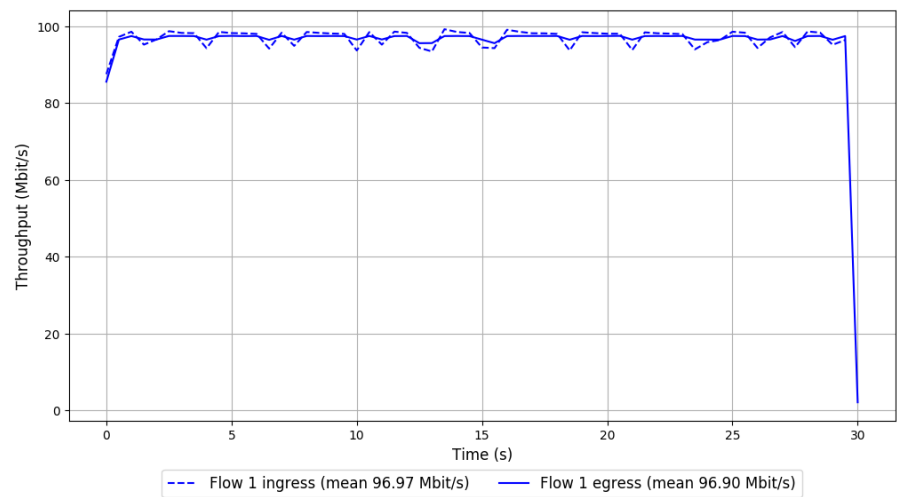


Run 5: Statistics of LEDBAT

Start at: 2018-03-13 05:52:43
End at: 2018-03-13 05:53:13
Local clock offset: -6.574 ms
Remote clock offset: -6.694 ms

Below is generated by plot.py at 2018-03-13 08:12:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 30.954 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 30.954 ms
Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link

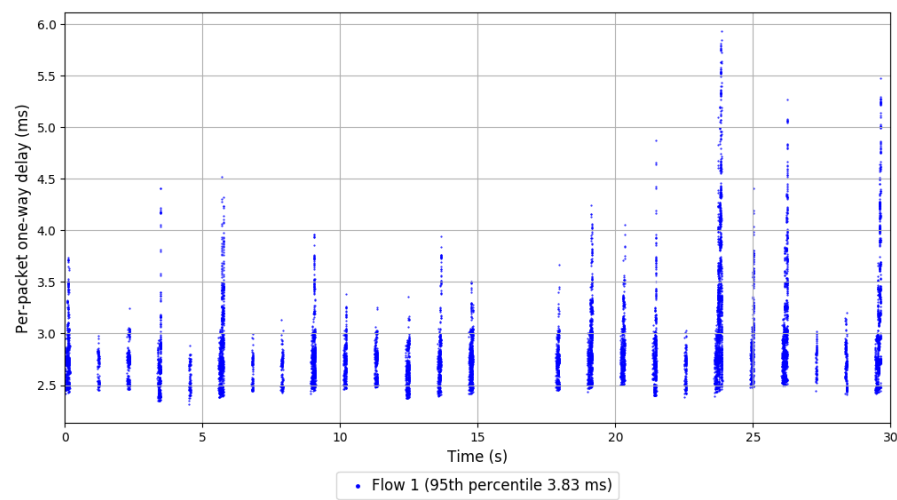
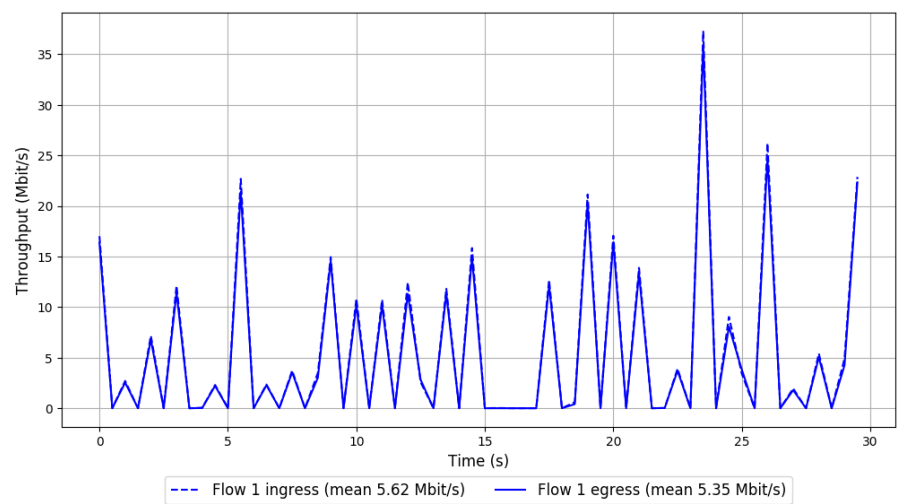


Run 6: Statistics of LEDBAT

Start at: 2018-03-13 06:13:08
End at: 2018-03-13 06:13:38
Local clock offset: -6.018 ms
Remote clock offset: -6.978 ms

Below is generated by plot.py at 2018-03-13 08:12:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.35 Mbit/s
95th percentile per-packet one-way delay: 3.832 ms
Loss rate: 4.78%
-- Flow 1:
Average throughput: 5.35 Mbit/s
95th percentile per-packet one-way delay: 3.832 ms
Loss rate: 4.78%

Run 6: Report of LEDBAT — Data Link

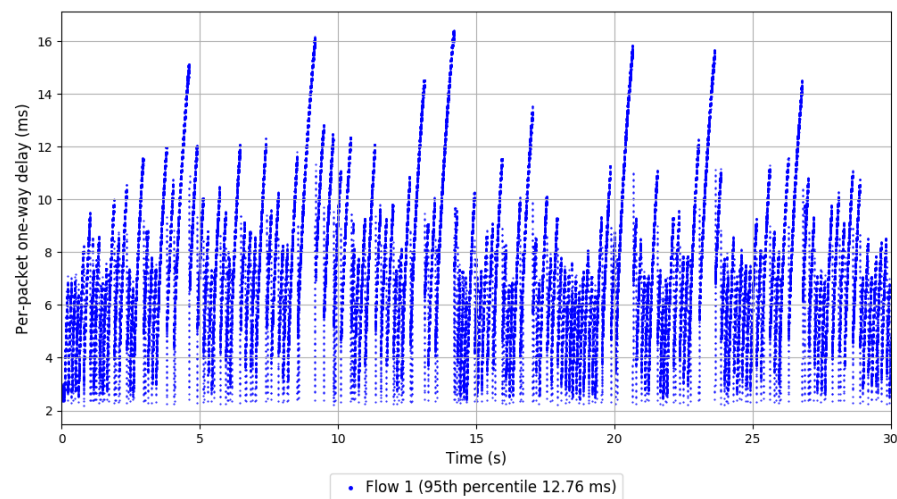
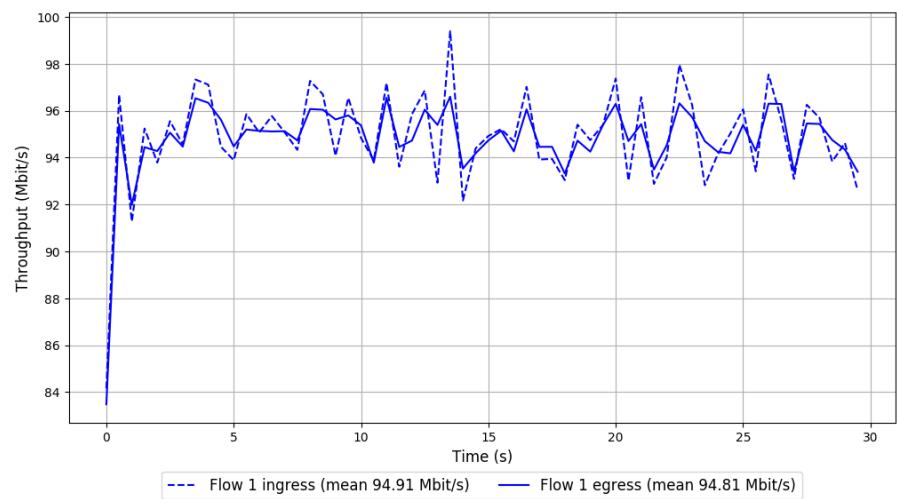


Run 7: Statistics of LEDBAT

Start at: 2018-03-13 06:33:28
End at: 2018-03-13 06:33:58
Local clock offset: -4.594 ms
Remote clock offset: -7.026 ms

Below is generated by plot.py at 2018-03-13 08:12:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.81 Mbit/s
95th percentile per-packet one-way delay: 12.760 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 94.81 Mbit/s
95th percentile per-packet one-way delay: 12.760 ms
Loss rate: 0.10%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-03-13 06:53:52

End at: 2018-03-13 06:54:23

Local clock offset: -5.456 ms

Remote clock offset: -7.16 ms

Below is generated by plot.py at 2018-03-13 08:12:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 32.121 ms

Loss rate: 0.01%

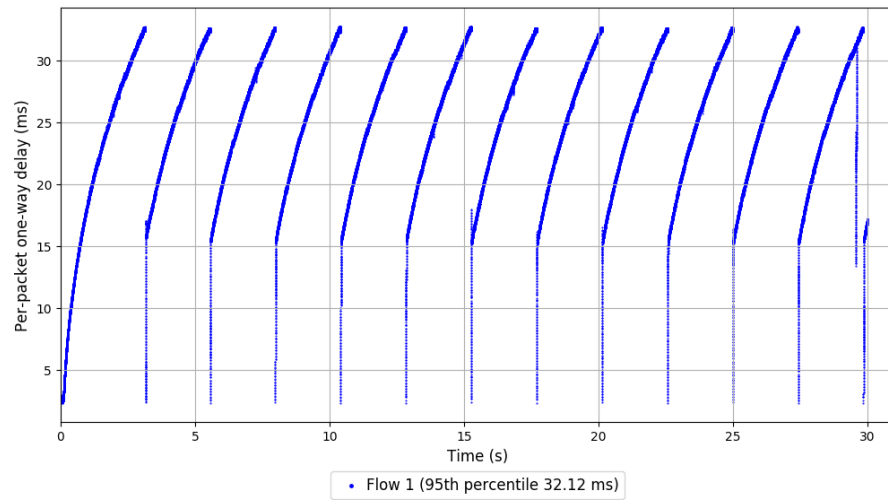
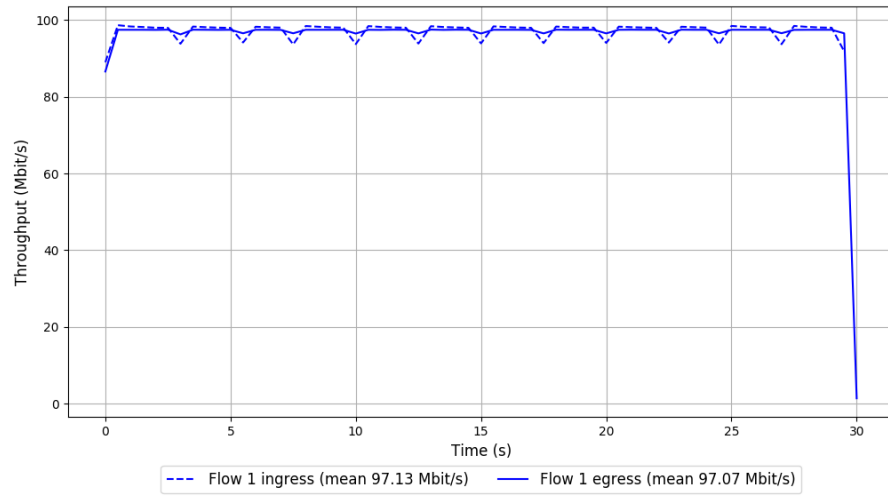
-- Flow 1:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 32.121 ms

Loss rate: 0.01%

Run 8: Report of LEDBAT — Data Link

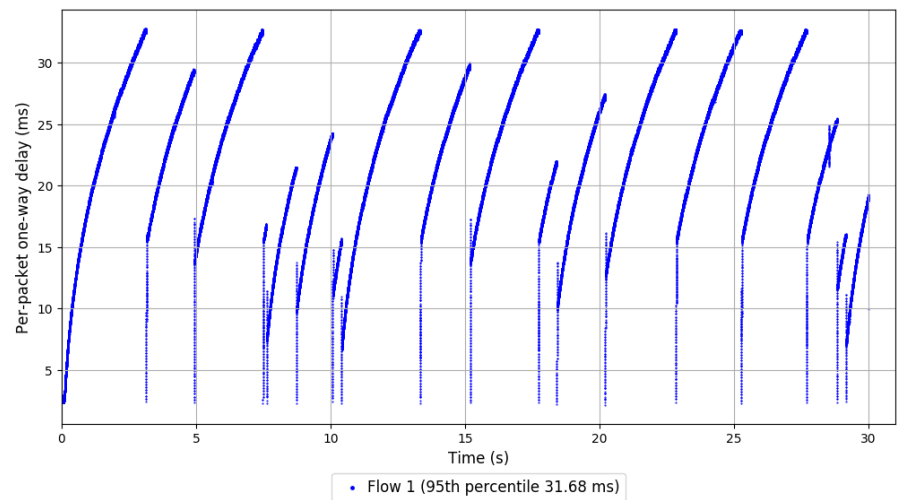
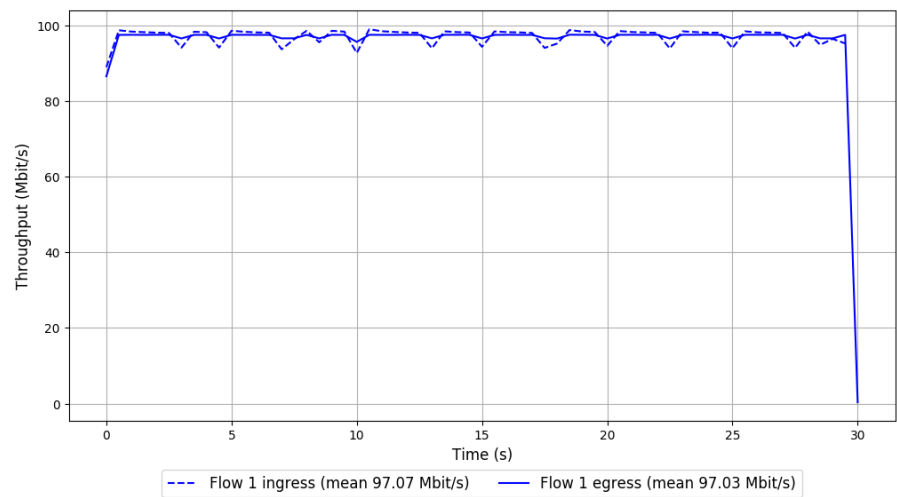


Run 9: Statistics of LEDBAT

Start at: 2018-03-13 07:14:16
End at: 2018-03-13 07:14:46
Local clock offset: -5.84 ms
Remote clock offset: -7.516 ms

Below is generated by plot.py at 2018-03-13 08:12:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 31.679 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 31.679 ms
Loss rate: 0.01%

Run 9: Report of LEDBAT — Data Link

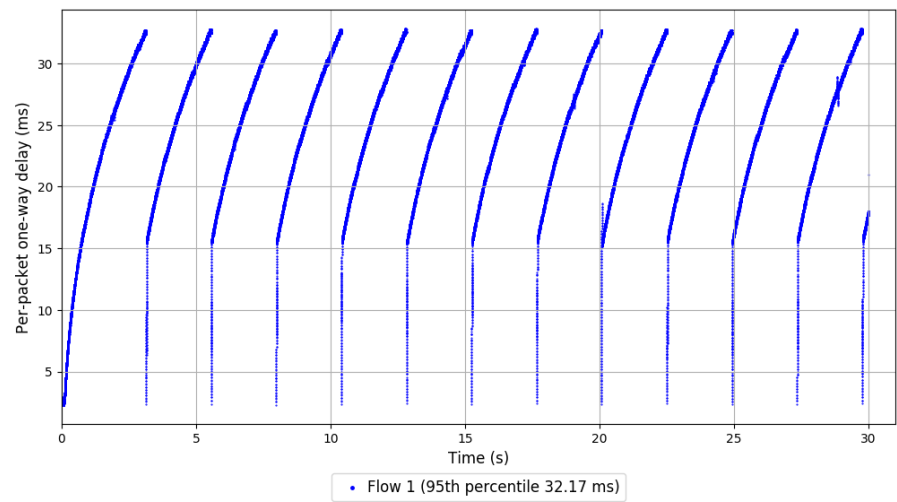
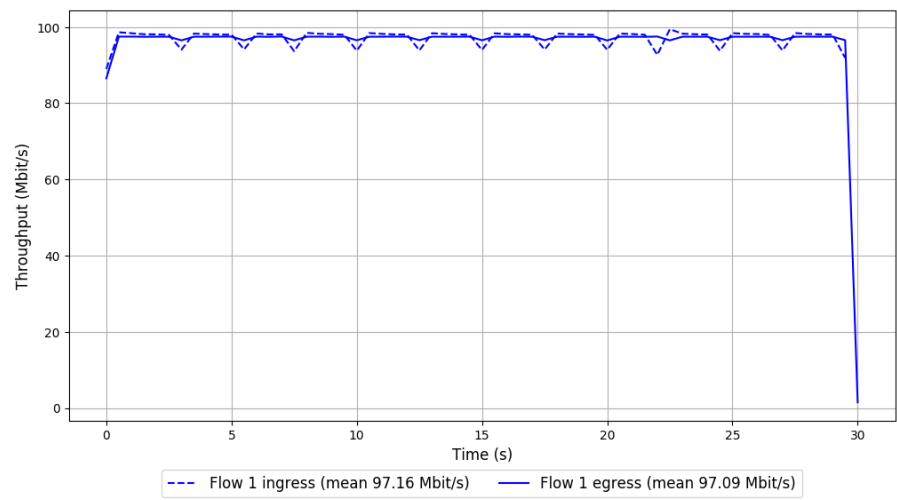


Run 10: Statistics of LEDBAT

Start at: 2018-03-13 07:34:41
End at: 2018-03-13 07:35:11
Local clock offset: -1.67 ms
Remote clock offset: -7.421 ms

Below is generated by plot.py at 2018-03-13 08:12:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 32.174 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 32.174 ms
Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

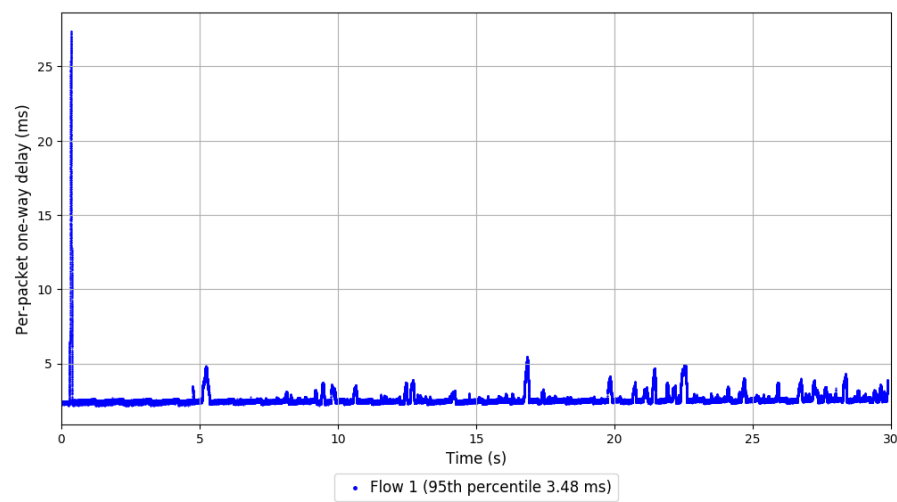
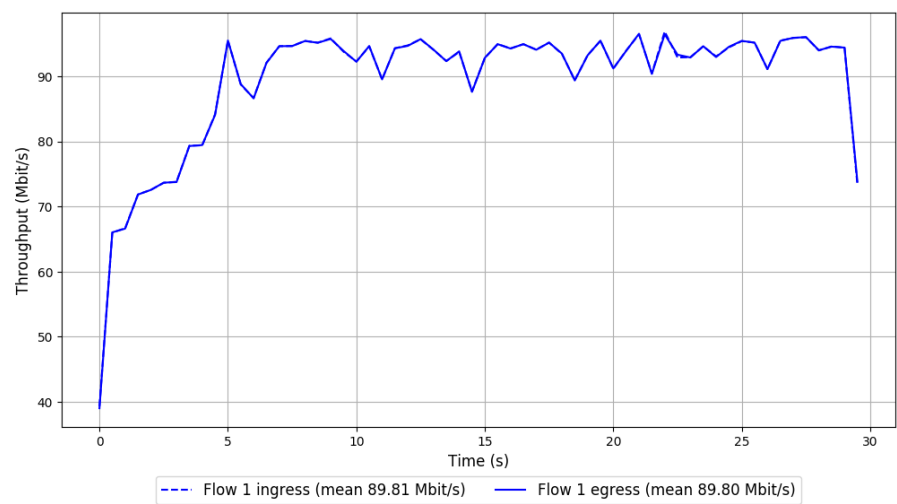


Run 1: Statistics of PCC

Start at: 2018-03-13 04:25:20
End at: 2018-03-13 04:25:50
Local clock offset: -8.003 ms
Remote clock offset: -6.108 ms

Below is generated by plot.py at 2018-03-13 08:12:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 3.478 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 3.478 ms
Loss rate: 0.00%

Run 1: Report of PCC — Data Link

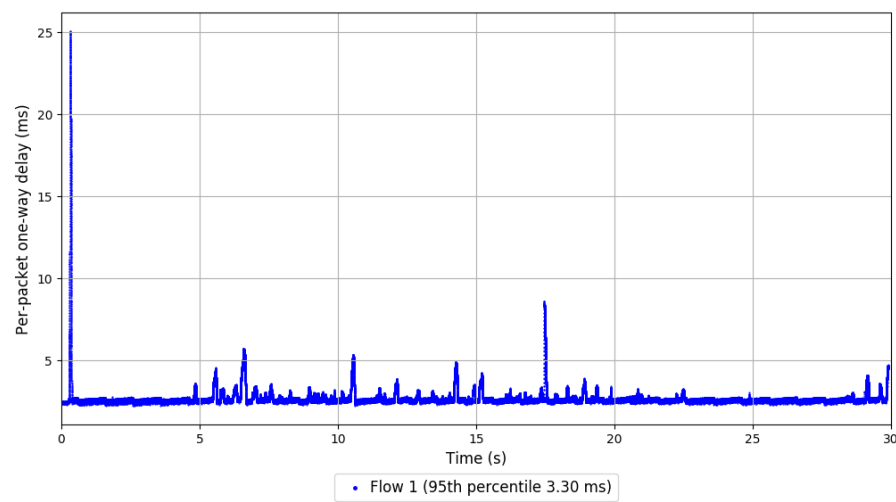
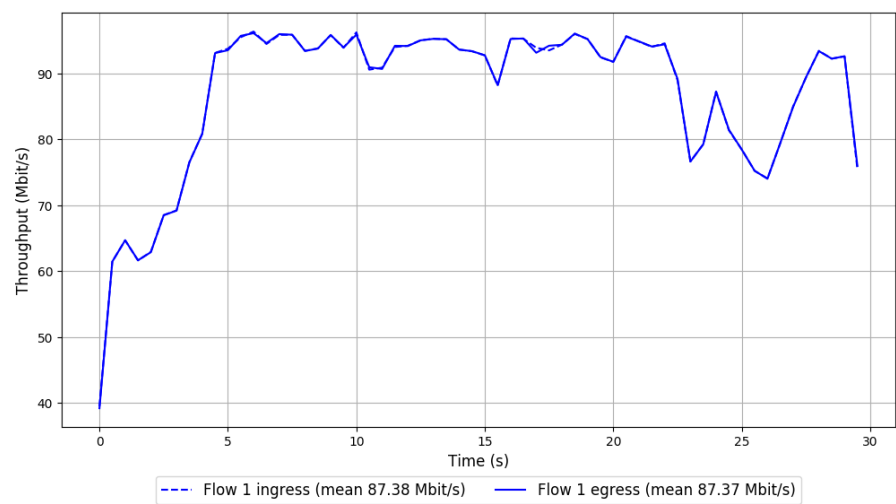


Run 2: Statistics of PCC

Start at: 2018-03-13 04:45:45
End at: 2018-03-13 04:46:15
Local clock offset: -4.939 ms
Remote clock offset: -6.354 ms

Below is generated by plot.py at 2018-03-13 08:12:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.37 Mbit/s
95th percentile per-packet one-way delay: 3.297 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.37 Mbit/s
95th percentile per-packet one-way delay: 3.297 ms
Loss rate: 0.00%

Run 2: Report of PCC — Data Link

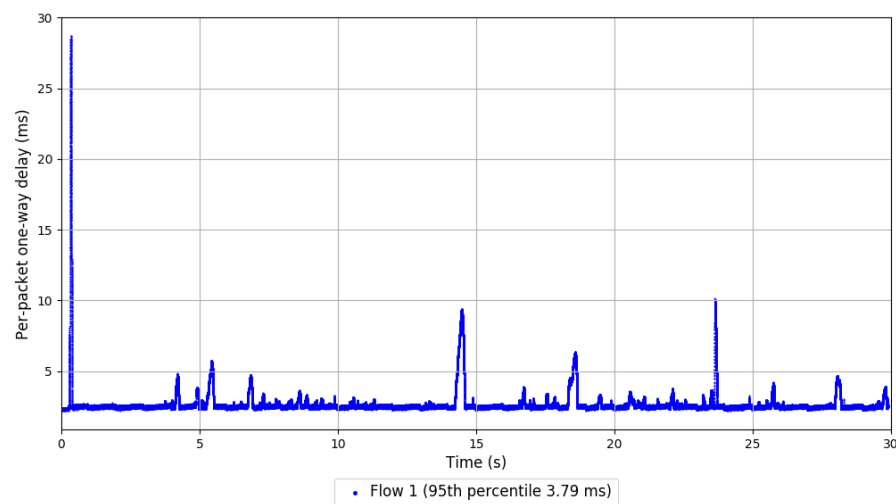
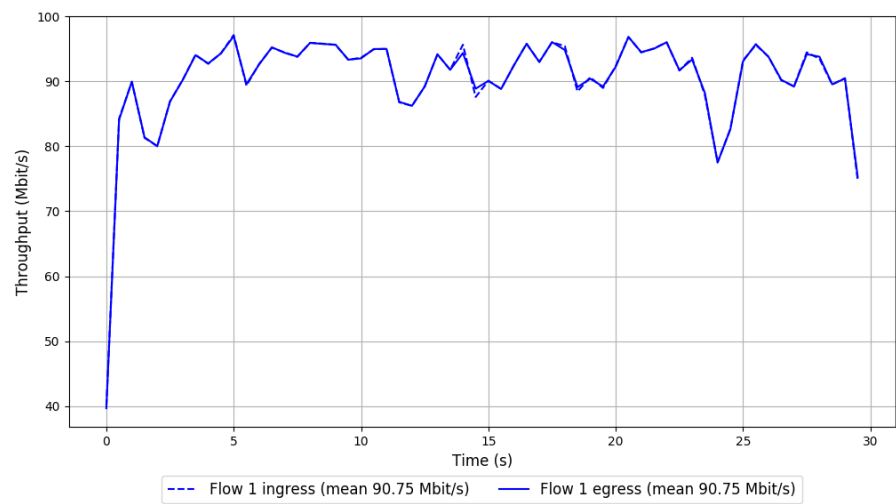


Run 3: Statistics of PCC

Start at: 2018-03-13 05:06:10
End at: 2018-03-13 05:06:40
Local clock offset: -5.104 ms
Remote clock offset: -6.515 ms

Below is generated by plot.py at 2018-03-13 08:12:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.75 Mbit/s
95th percentile per-packet one-way delay: 3.785 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.75 Mbit/s
95th percentile per-packet one-way delay: 3.785 ms
Loss rate: 0.00%

Run 3: Report of PCC — Data Link

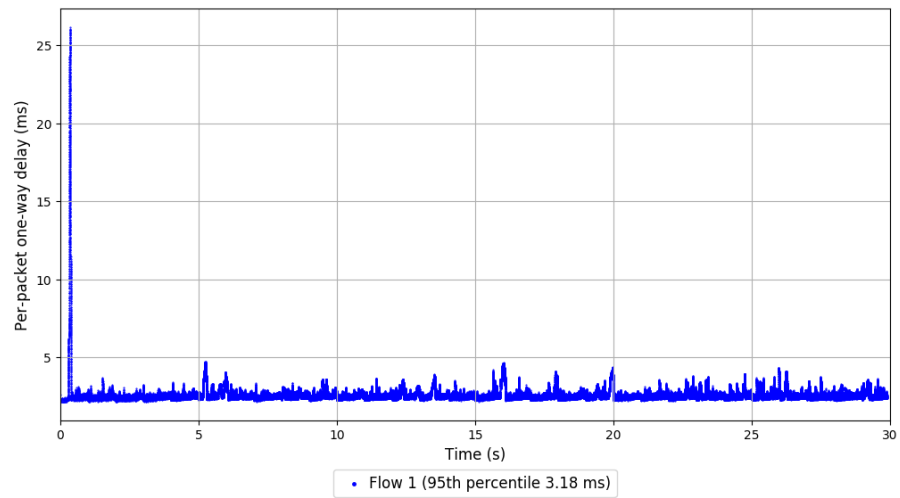
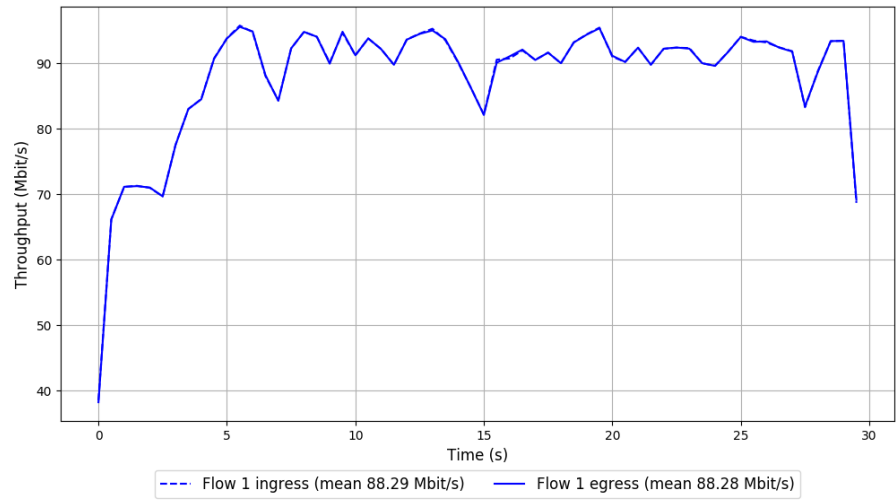


Run 4: Statistics of PCC

Start at: 2018-03-13 05:26:33
End at: 2018-03-13 05:27:04
Local clock offset: -5.596 ms
Remote clock offset: -6.558 ms

Below is generated by plot.py at 2018-03-13 08:14:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 3.181 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 3.181 ms
Loss rate: 0.01%

Run 4: Report of PCC — Data Link

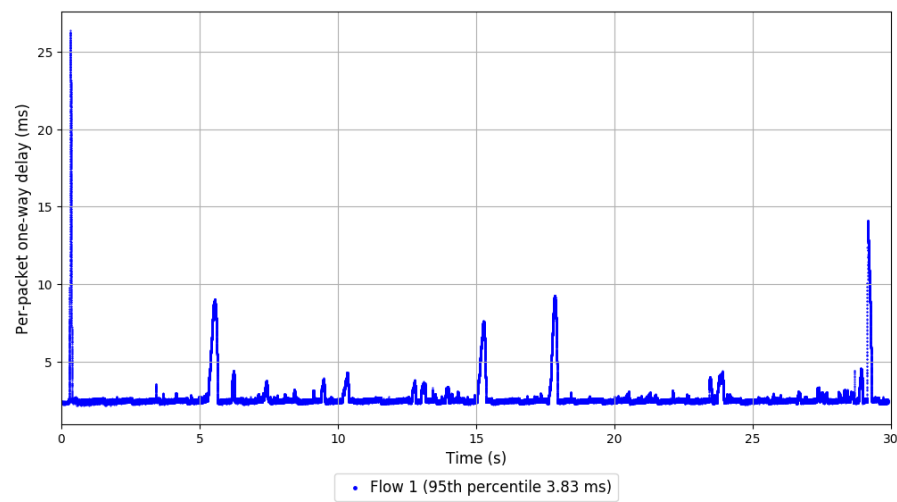
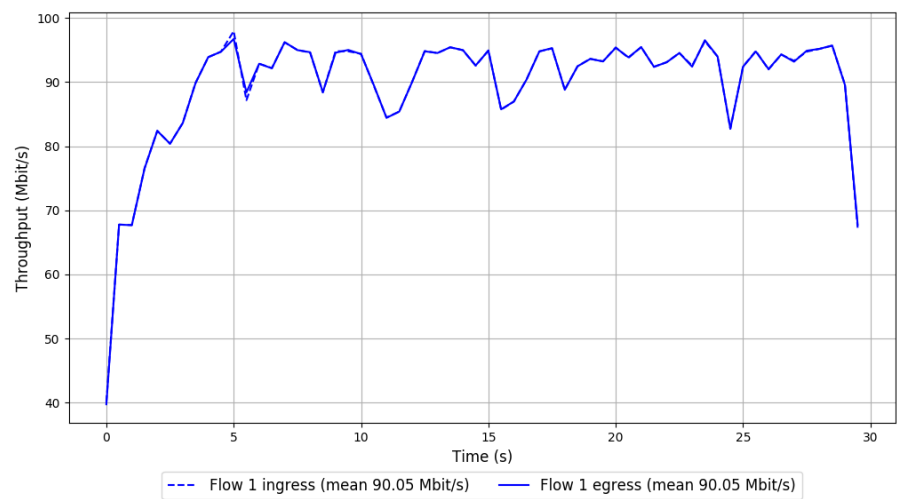


Run 5: Statistics of PCC

Start at: 2018-03-13 05:46:58
End at: 2018-03-13 05:47:28
Local clock offset: -6.454 ms
Remote clock offset: -6.604 ms

Below is generated by plot.py at 2018-03-13 08:14:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 3.827 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 3.827 ms
Loss rate: 0.00%

Run 5: Report of PCC — Data Link

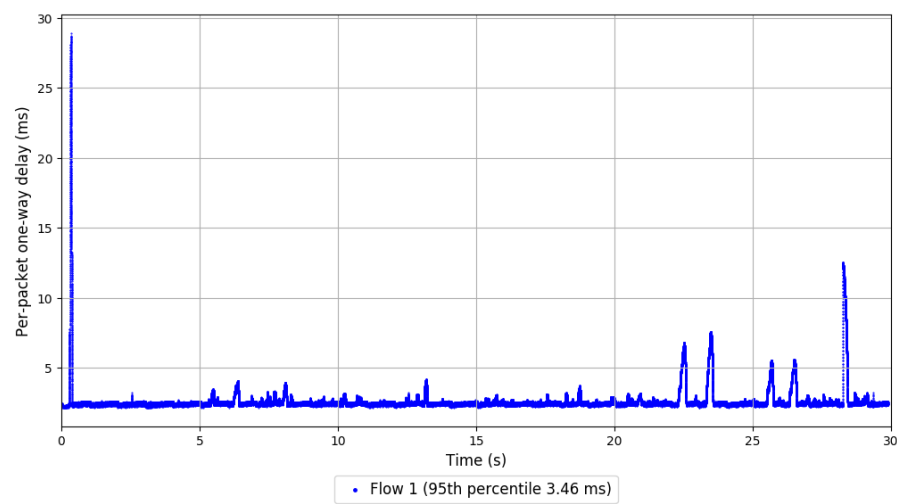
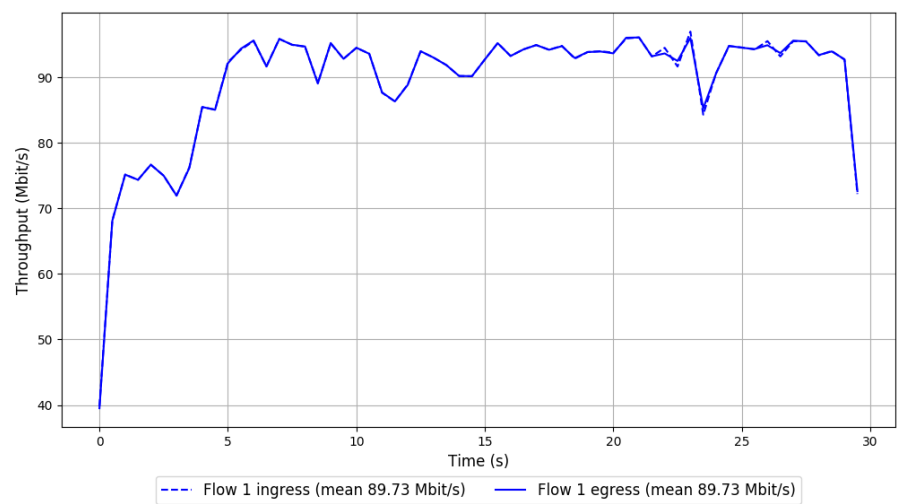


Run 6: Statistics of PCC

Start at: 2018-03-13 06:07:23
End at: 2018-03-13 06:07:53
Local clock offset: -6.879 ms
Remote clock offset: -6.929 ms

Below is generated by plot.py at 2018-03-13 08:14:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.73 Mbit/s
95th percentile per-packet one-way delay: 3.464 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.73 Mbit/s
95th percentile per-packet one-way delay: 3.464 ms
Loss rate: 0.00%

Run 6: Report of PCC — Data Link

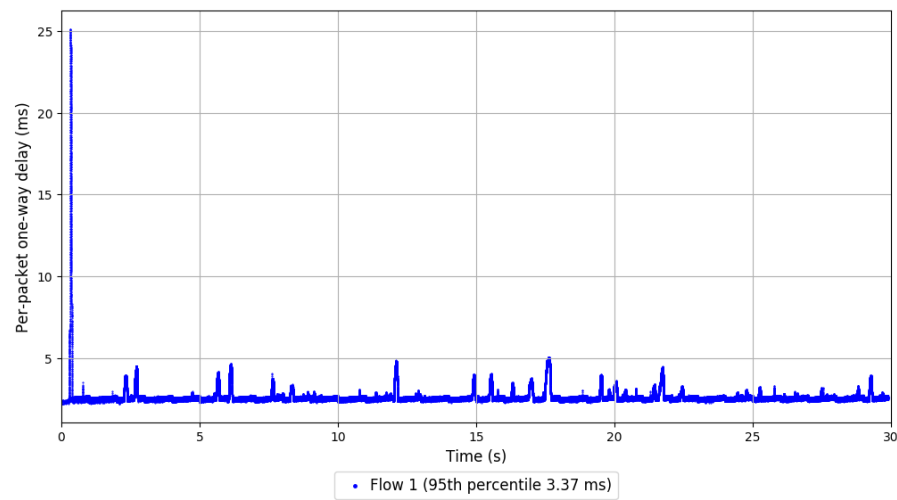
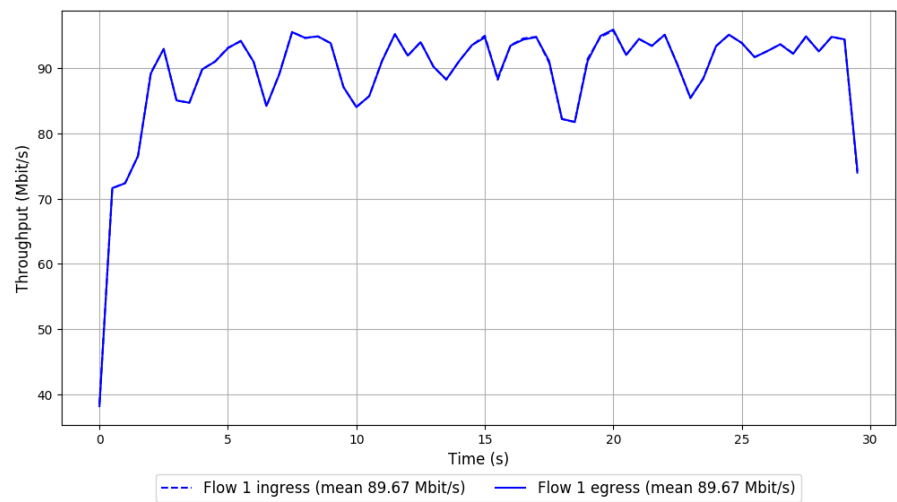


Run 7: Statistics of PCC

Start at: 2018-03-13 06:27:43
End at: 2018-03-13 06:28:13
Local clock offset: -4.805 ms
Remote clock offset: -7.027 ms

Below is generated by plot.py at 2018-03-13 08:14:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 3.373 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 3.373 ms
Loss rate: 0.00%

Run 7: Report of PCC — Data Link

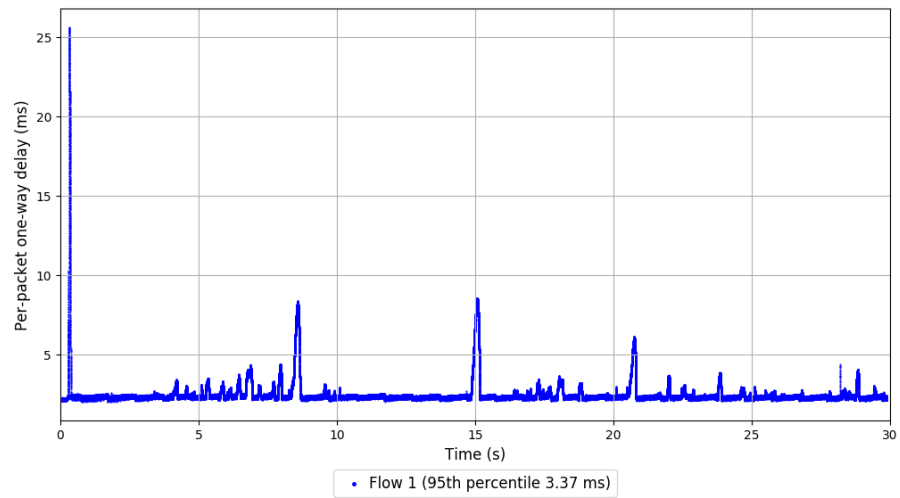
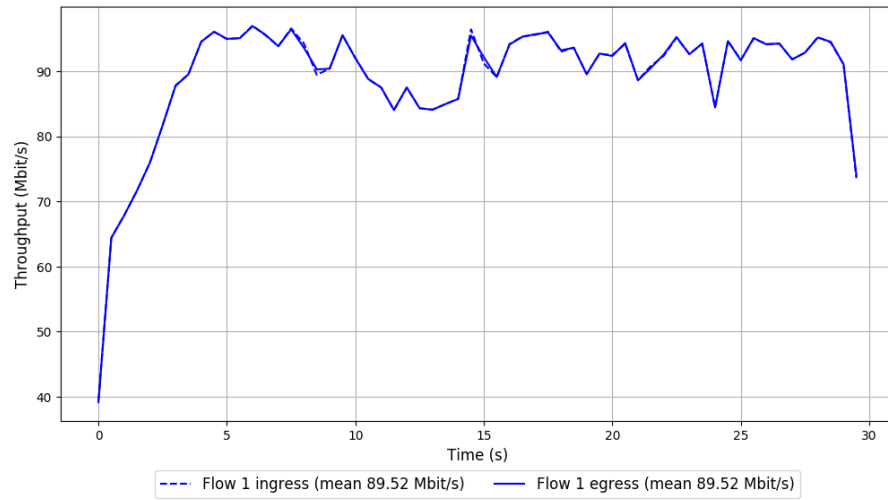


Run 8: Statistics of PCC

Start at: 2018-03-13 06:48:08
End at: 2018-03-13 06:48:38
Local clock offset: -4.987 ms
Remote clock offset: -7.175 ms

Below is generated by plot.py at 2018-03-13 08:14:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.52 Mbit/s
95th percentile per-packet one-way delay: 3.374 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.52 Mbit/s
95th percentile per-packet one-way delay: 3.374 ms
Loss rate: 0.00%

Run 8: Report of PCC — Data Link

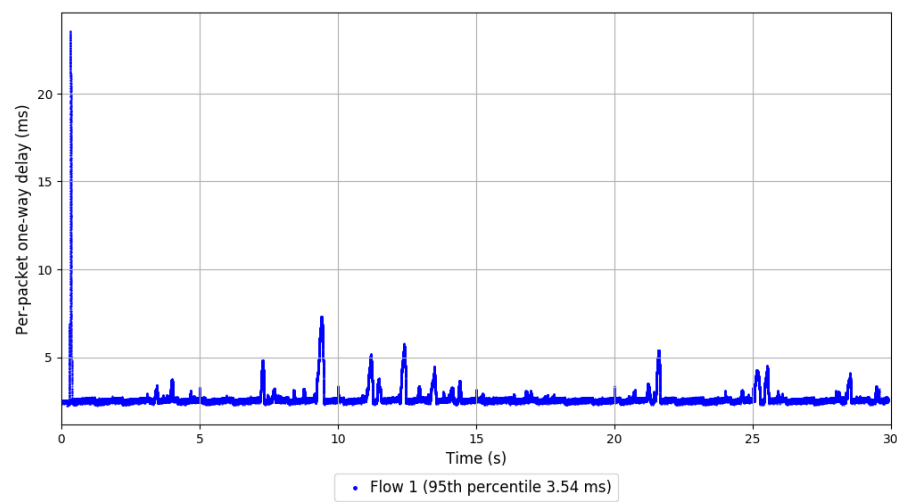
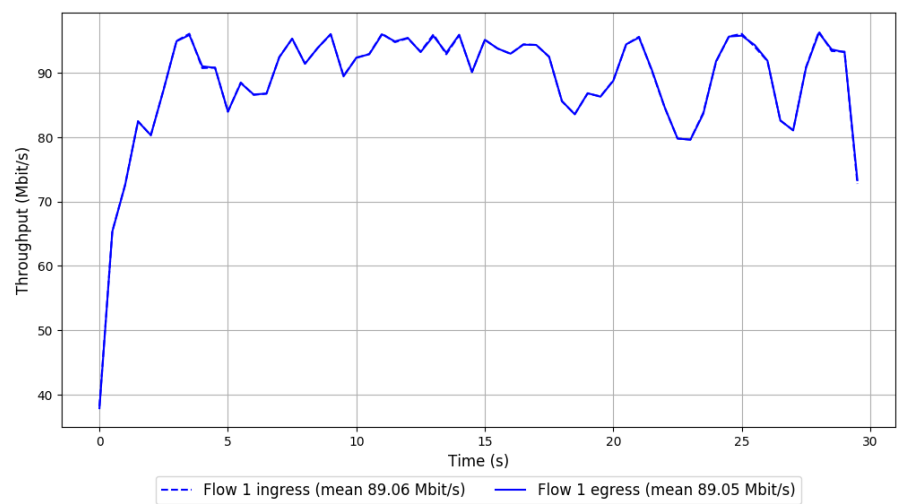


Run 9: Statistics of PCC

Start at: 2018-03-13 07:08:32
End at: 2018-03-13 07:09:02
Local clock offset: -5.883 ms
Remote clock offset: -7.463 ms

Below is generated by plot.py at 2018-03-13 08:14:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.05 Mbit/s
95th percentile per-packet one-way delay: 3.535 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.05 Mbit/s
95th percentile per-packet one-way delay: 3.535 ms
Loss rate: 0.00%

Run 9: Report of PCC — Data Link

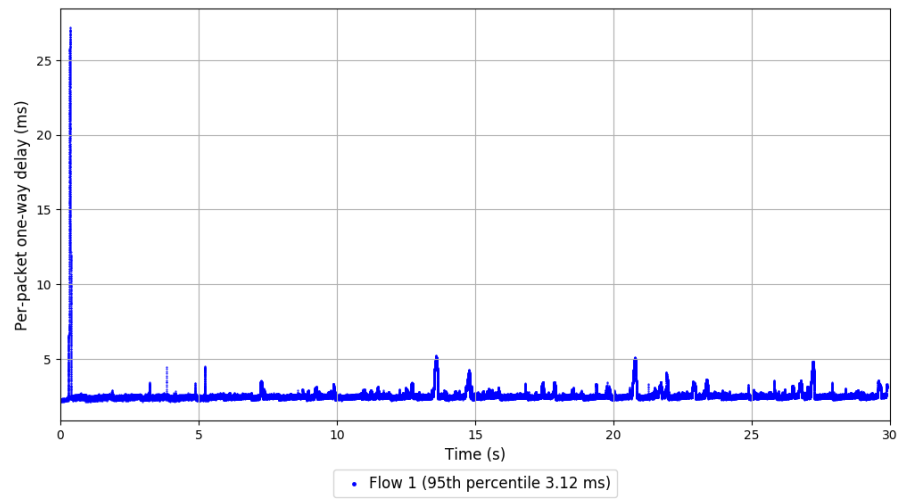
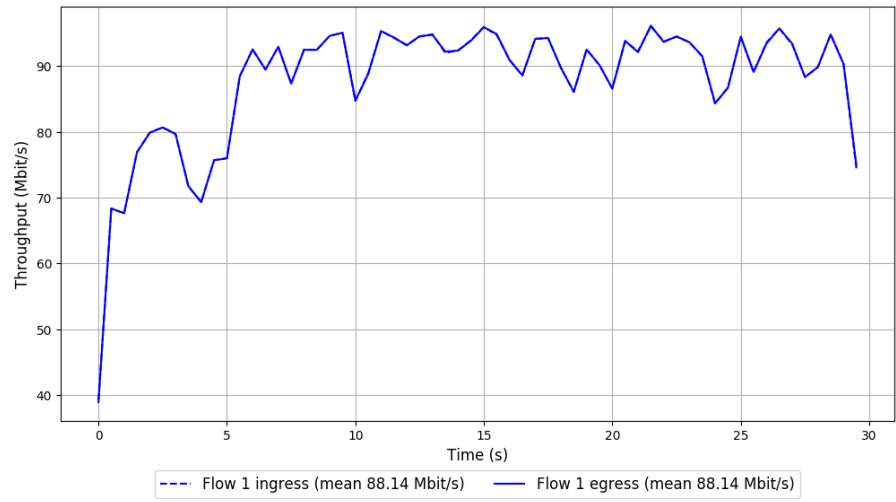


Run 10: Statistics of PCC

Start at: 2018-03-13 07:28:56
End at: 2018-03-13 07:29:26
Local clock offset: -2.404 ms
Remote clock offset: -7.719 ms

Below is generated by plot.py at 2018-03-13 08:14:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.14 Mbit/s
95th percentile per-packet one-way delay: 3.115 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.14 Mbit/s
95th percentile per-packet one-way delay: 3.115 ms
Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

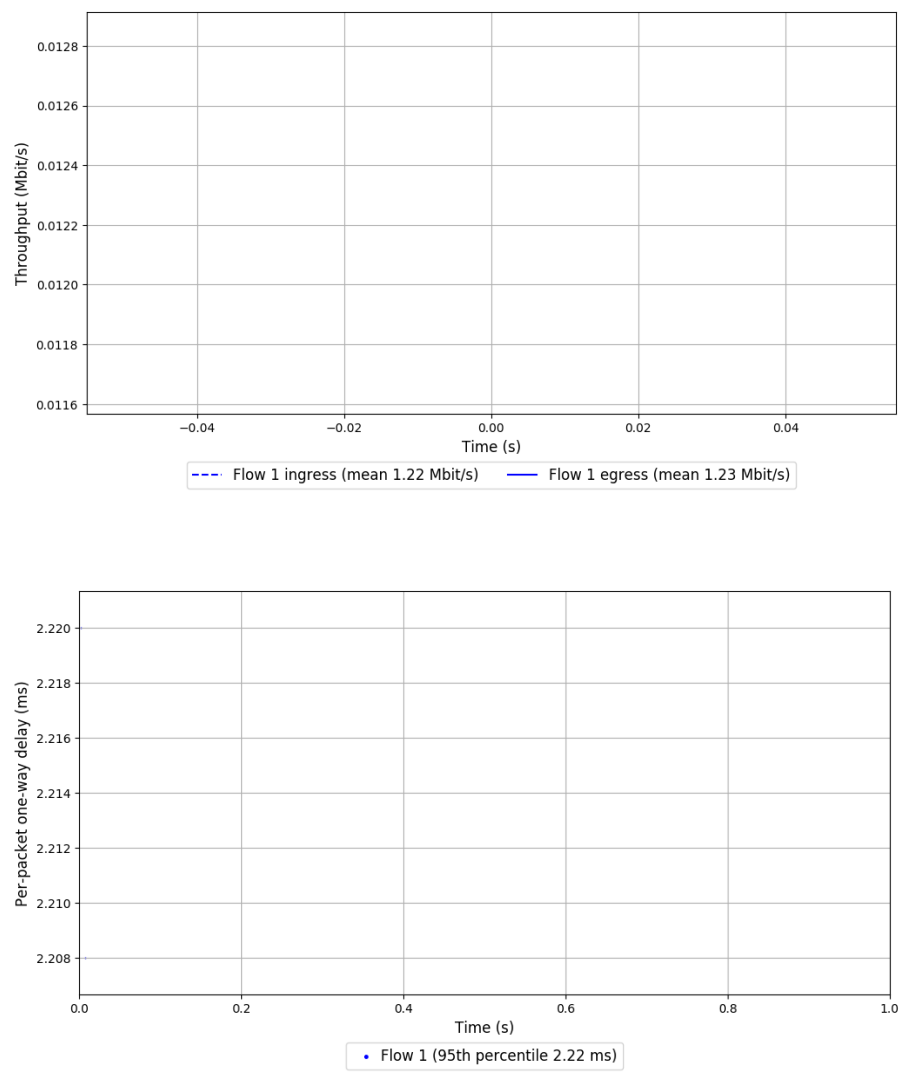
Start at: 2018-03-13 04:23:06

End at: 2018-03-13 04:23:36

Local clock offset: -7.839 ms

Remote clock offset: -6.117 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-13 04:43:27

End at: 2018-03-13 04:43:57

Local clock offset: -4.936 ms

Remote clock offset: -6.3 ms

Below is generated by plot.py at 2018-03-13 08:14:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.19 Mbit/s

95th percentile per-packet one-way delay: 23.161 ms

Loss rate: 0.05%

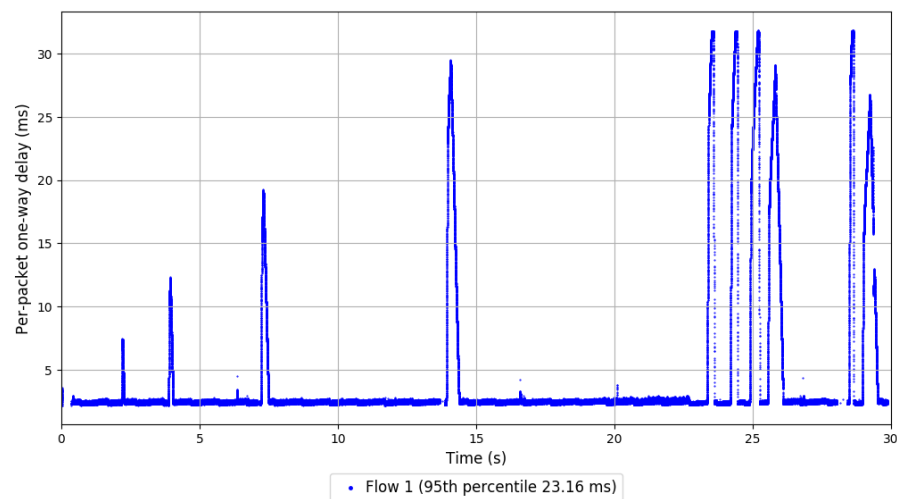
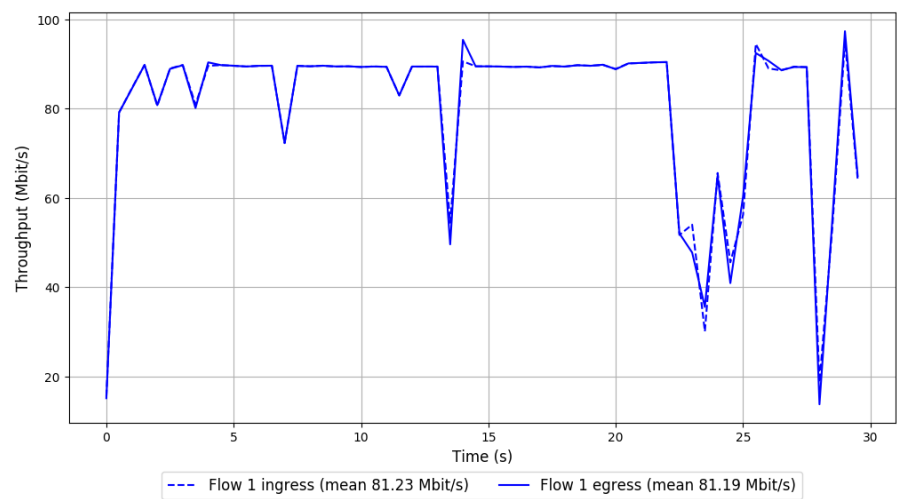
-- Flow 1:

Average throughput: 81.19 Mbit/s

95th percentile per-packet one-way delay: 23.161 ms

Loss rate: 0.05%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-03-13 05:03:52

End at: 2018-03-13 05:04:22

Local clock offset: -4.946 ms

Remote clock offset: -6.511 ms

Below is generated by plot.py at 2018-03-13 08:15:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.63 Mbit/s

95th percentile per-packet one-way delay: 14.357 ms

Loss rate: 0.01%

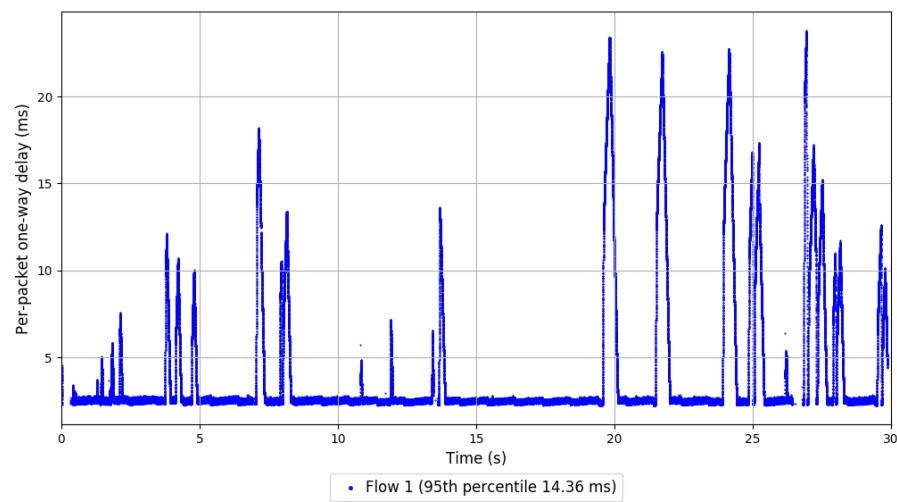
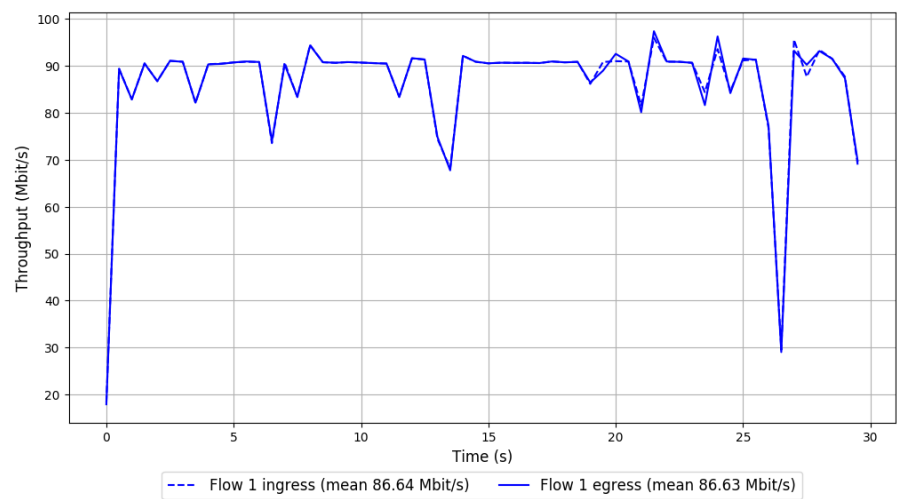
-- Flow 1:

Average throughput: 86.63 Mbit/s

95th percentile per-packet one-way delay: 14.357 ms

Loss rate: 0.01%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-13 05:24:15

End at: 2018-03-13 05:24:45

Local clock offset: -5.578 ms

Remote clock offset: -6.555 ms

Below is generated by plot.py at 2018-03-13 08:15:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.23 Mbit/s

95th percentile per-packet one-way delay: 25.396 ms

Loss rate: 0.03%

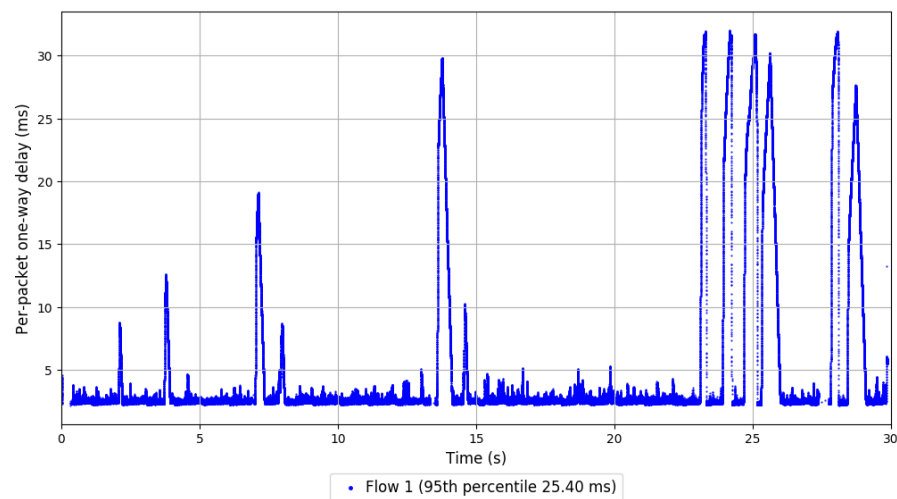
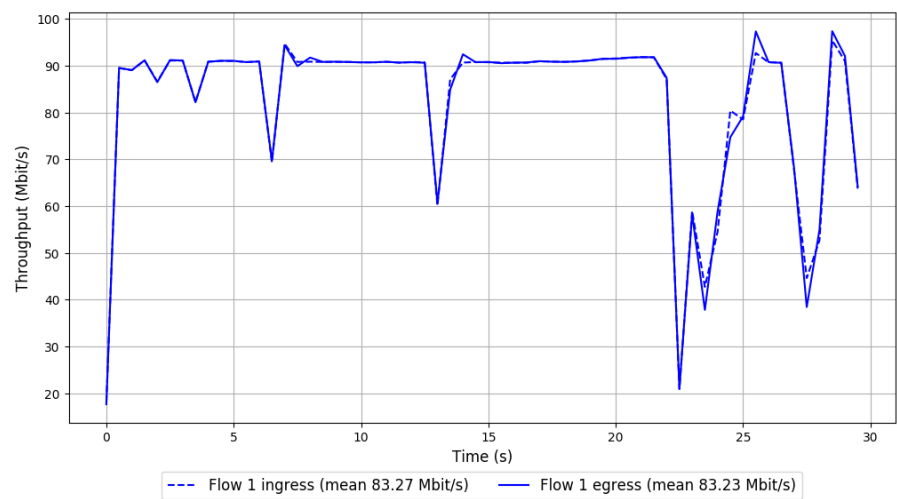
-- Flow 1:

Average throughput: 83.23 Mbit/s

95th percentile per-packet one-way delay: 25.396 ms

Loss rate: 0.03%

Run 4: Report of QUIC Cubic — Data Link

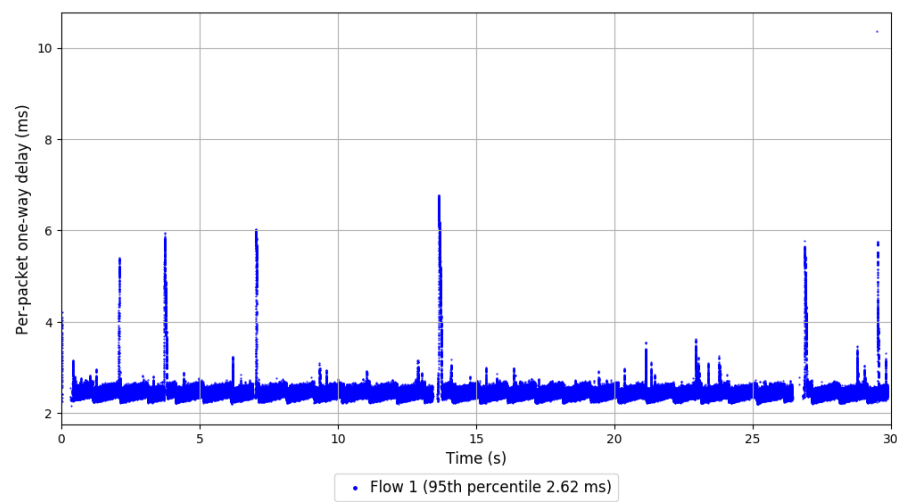
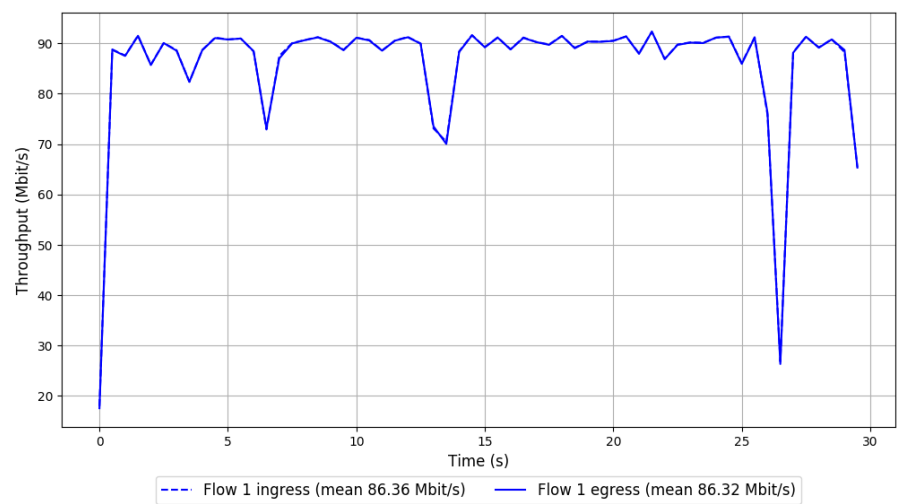


Run 5: Statistics of QUIC Cubic

Start at: 2018-03-13 05:44:40
End at: 2018-03-13 05:45:10
Local clock offset: -6.331 ms
Remote clock offset: -6.574 ms

Below is generated by plot.py at 2018-03-13 08:15:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 2.619 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 2.619 ms
Loss rate: 0.05%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-13 06:05:05

End at: 2018-03-13 06:05:35

Local clock offset: -6.969 ms

Remote clock offset: -6.895 ms

Below is generated by plot.py at 2018-03-13 08:15:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.58 Mbit/s

95th percentile per-packet one-way delay: 17.675 ms

Loss rate: 0.01%

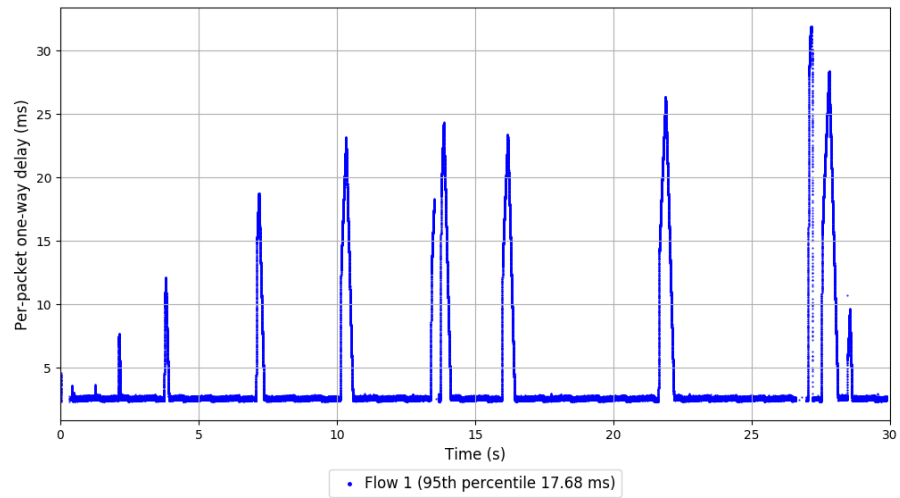
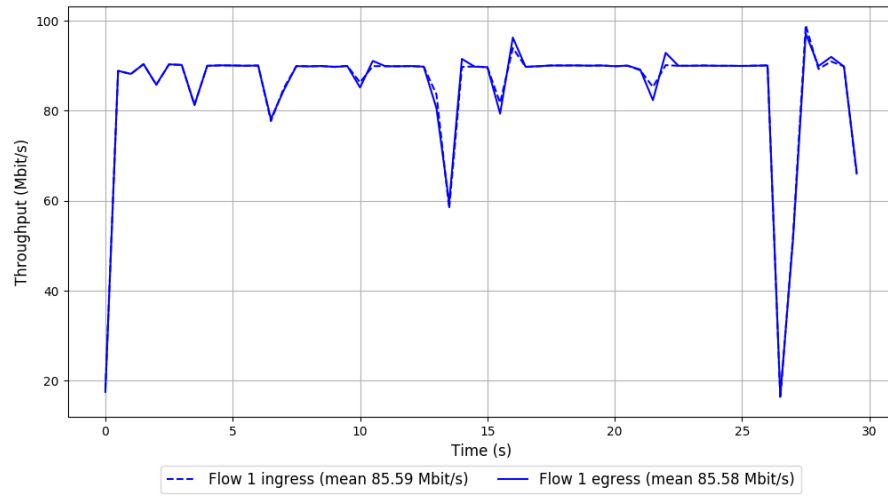
-- Flow 1:

Average throughput: 85.58 Mbit/s

95th percentile per-packet one-way delay: 17.675 ms

Loss rate: 0.01%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-03-13 06:25:25

End at: 2018-03-13 06:25:55

Local clock offset: -4.912 ms

Remote clock offset: -7.035 ms

Below is generated by plot.py at 2018-03-13 08:15:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.59 Mbit/s

95th percentile per-packet one-way delay: 2.936 ms

Loss rate: 0.06%

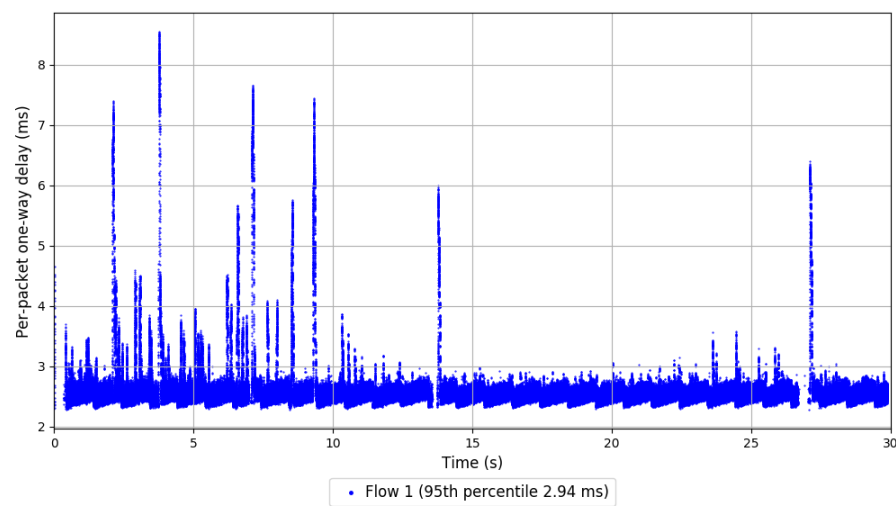
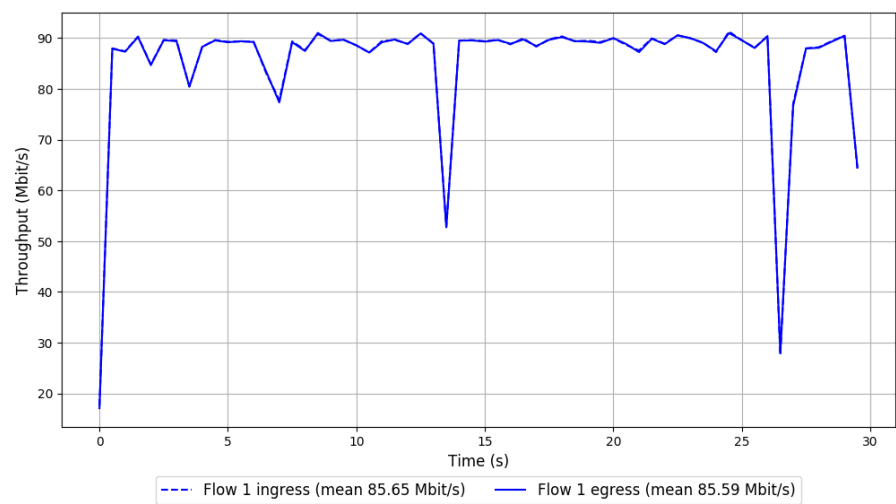
-- Flow 1:

Average throughput: 85.59 Mbit/s

95th percentile per-packet one-way delay: 2.936 ms

Loss rate: 0.06%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-03-13 06:45:50

End at: 2018-03-13 06:46:20

Local clock offset: -4.762 ms

Remote clock offset: -7.161 ms

Below is generated by plot.py at 2018-03-13 08:15:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.69 Mbit/s

95th percentile per-packet one-way delay: 3.973 ms

Loss rate: 0.00%

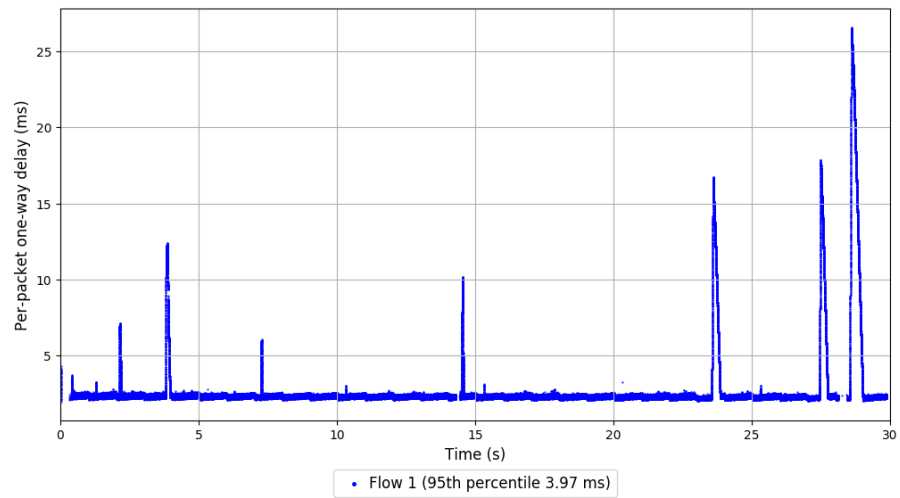
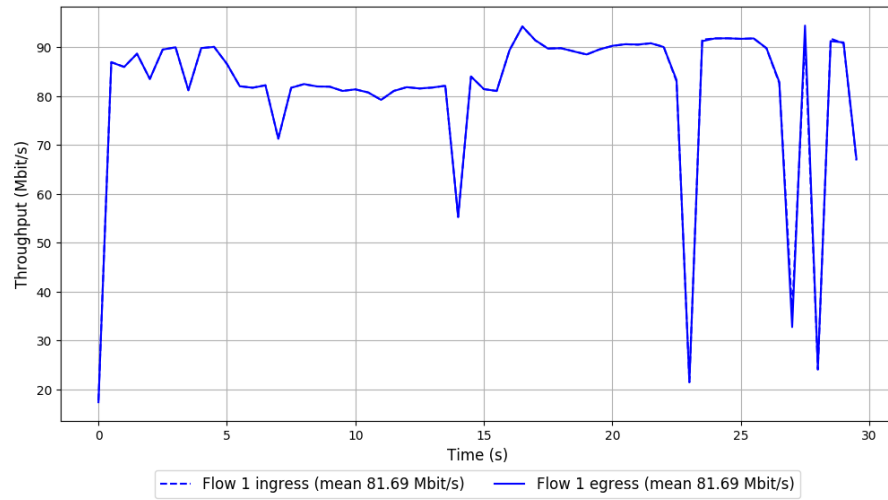
-- Flow 1:

Average throughput: 81.69 Mbit/s

95th percentile per-packet one-way delay: 3.973 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-13 07:06:13

End at: 2018-03-13 07:06:43

Local clock offset: -5.732 ms

Remote clock offset: -7.38 ms

Below is generated by plot.py at 2018-03-13 08:15:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.54 Mbit/s

95th percentile per-packet one-way delay: 10.432 ms

Loss rate: 0.05%

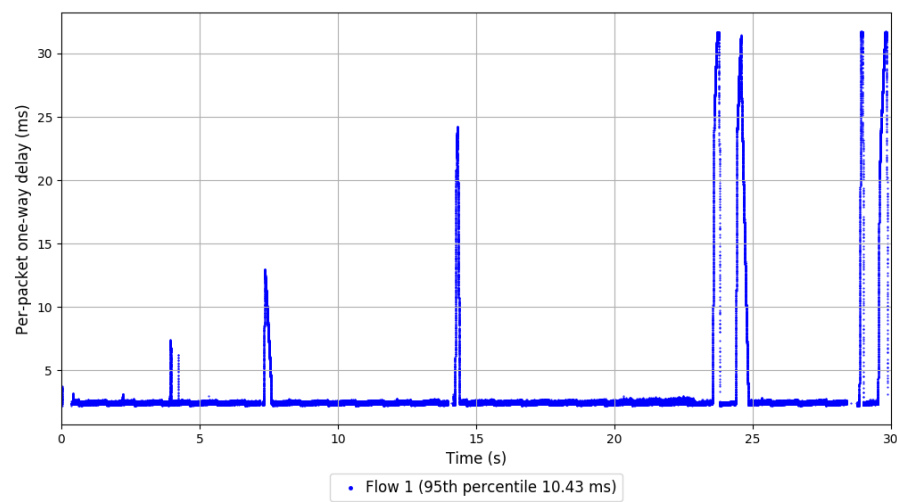
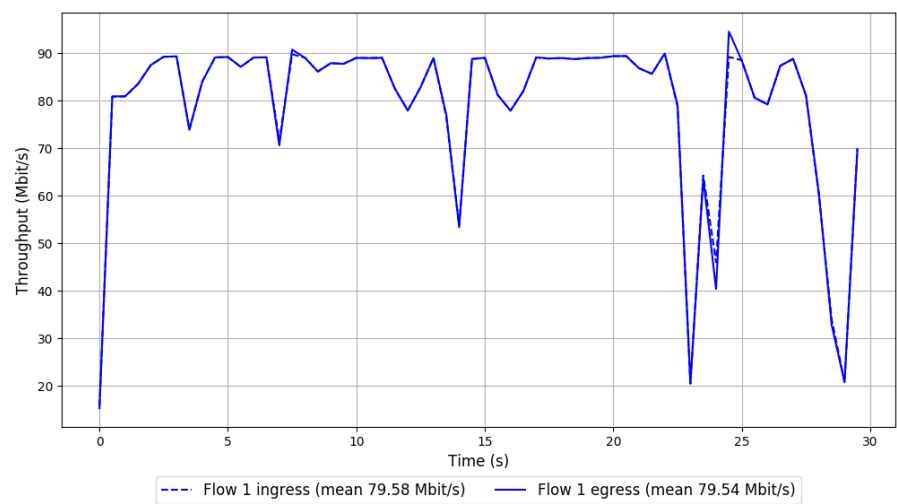
-- Flow 1:

Average throughput: 79.54 Mbit/s

95th percentile per-packet one-way delay: 10.432 ms

Loss rate: 0.05%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-13 07:26:38

End at: 2018-03-13 07:27:08

Local clock offset: -2.849 ms

Remote clock offset: -7.688 ms

Below is generated by plot.py at 2018-03-13 08:15:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.93 Mbit/s

95th percentile per-packet one-way delay: 2.771 ms

Loss rate: 0.09%

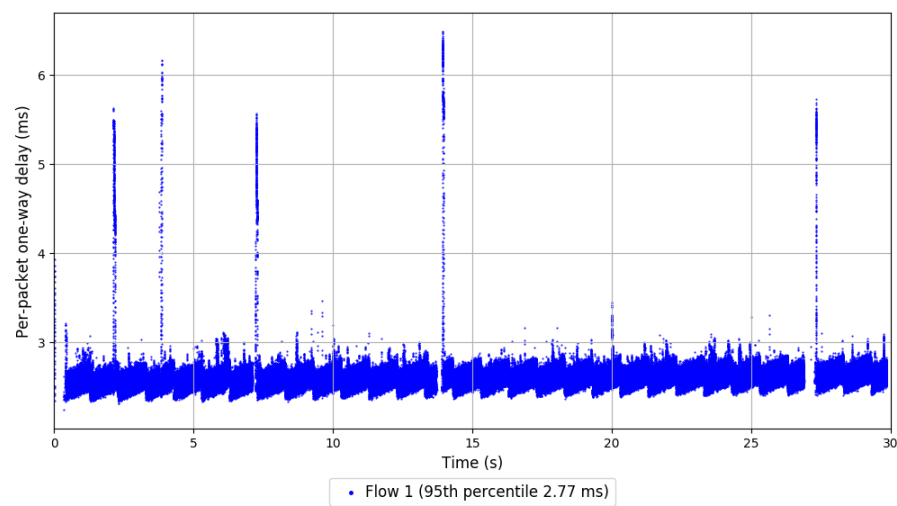
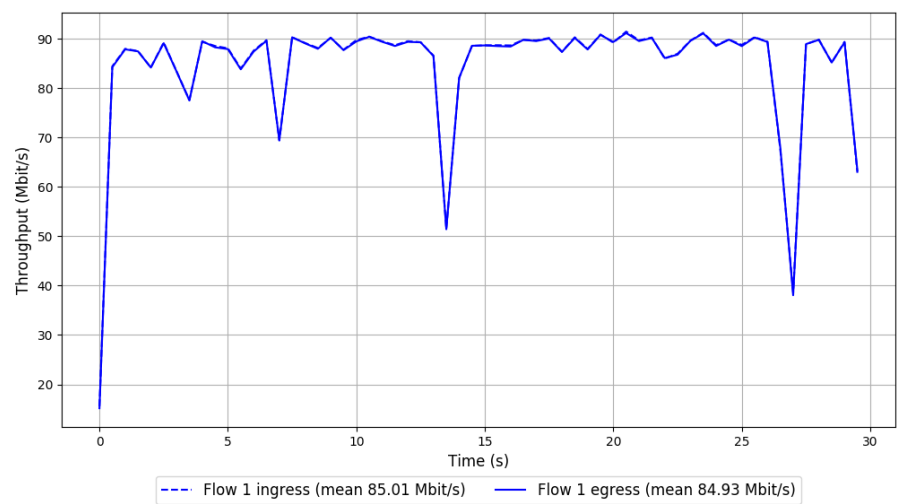
-- Flow 1:

Average throughput: 84.93 Mbit/s

95th percentile per-packet one-way delay: 2.771 ms

Loss rate: 0.09%

Run 10: Report of QUIC Cubic — Data Link

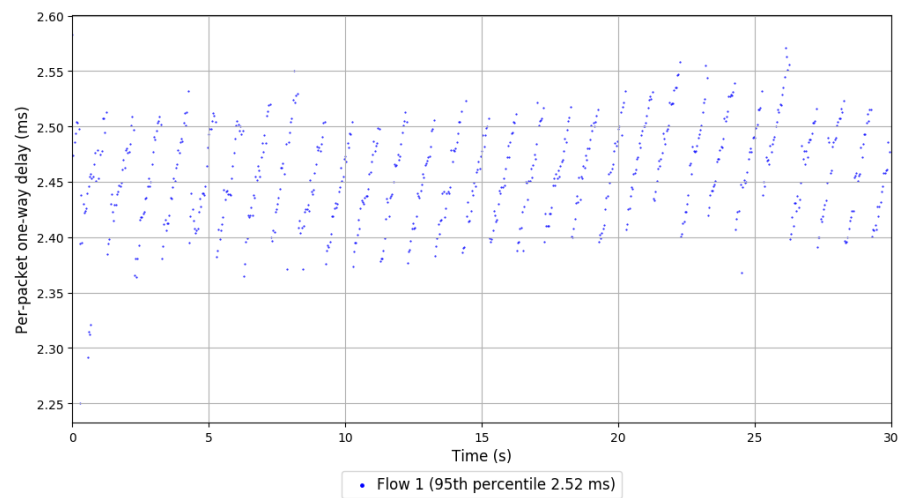
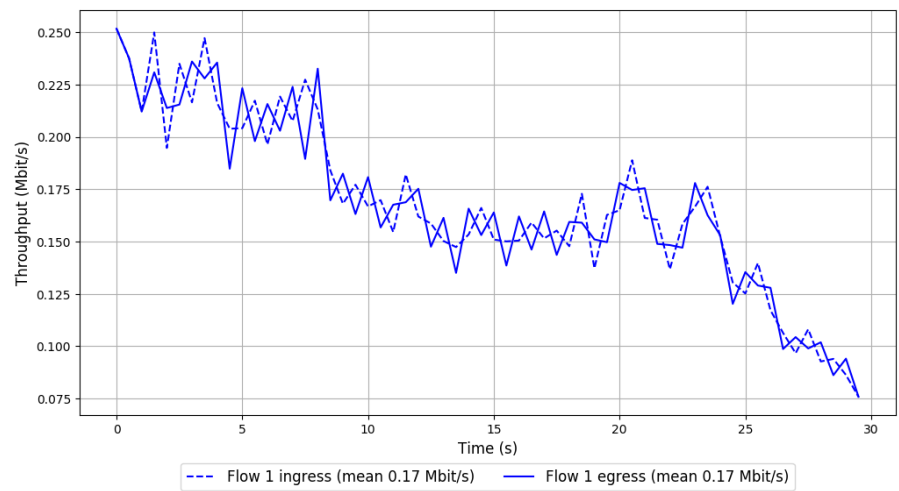


Run 1: Statistics of SCReAM

Start at: 2018-03-13 04:32:14
End at: 2018-03-13 04:32:45
Local clock offset: -6.222 ms
Remote clock offset: -6.111 ms

Below is generated by plot.py at 2018-03-13 08:15:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 2.522 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 2.522 ms
Loss rate: 0.31%

Run 1: Report of SReAM — Data Link

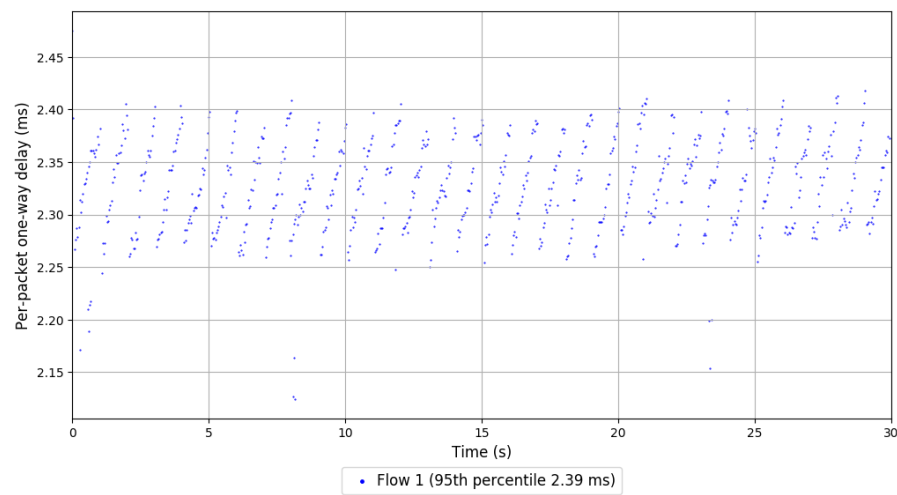
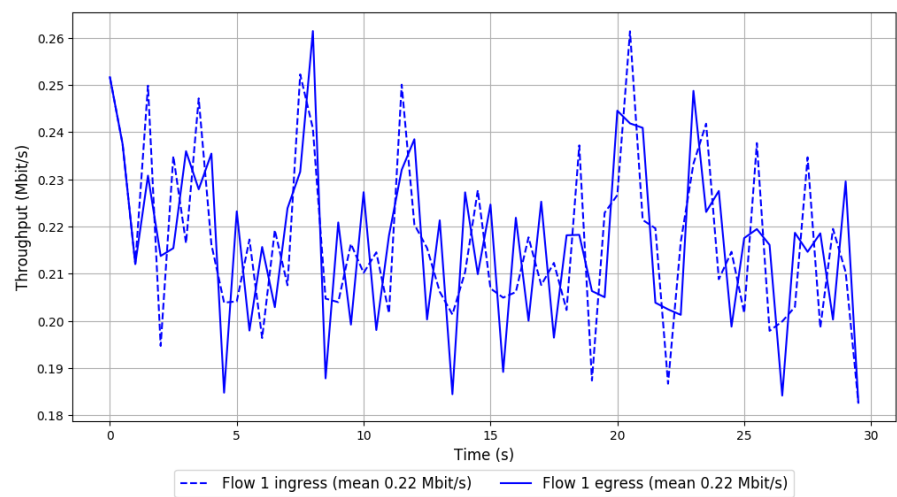


Run 2: Statistics of SCReAM

Start at: 2018-03-13 04:52:39
End at: 2018-03-13 04:53:09
Local clock offset: -4.658 ms
Remote clock offset: -6.449 ms

Below is generated by plot.py at 2018-03-13 08:15:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.393 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.393 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

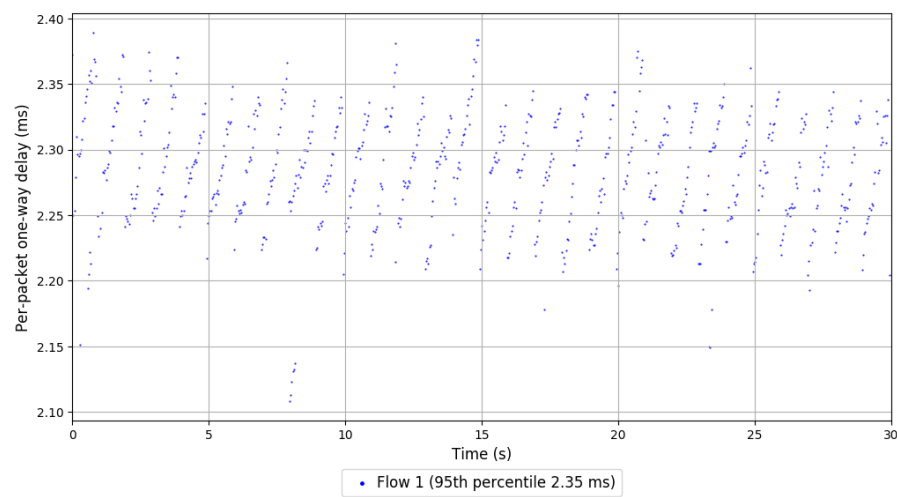
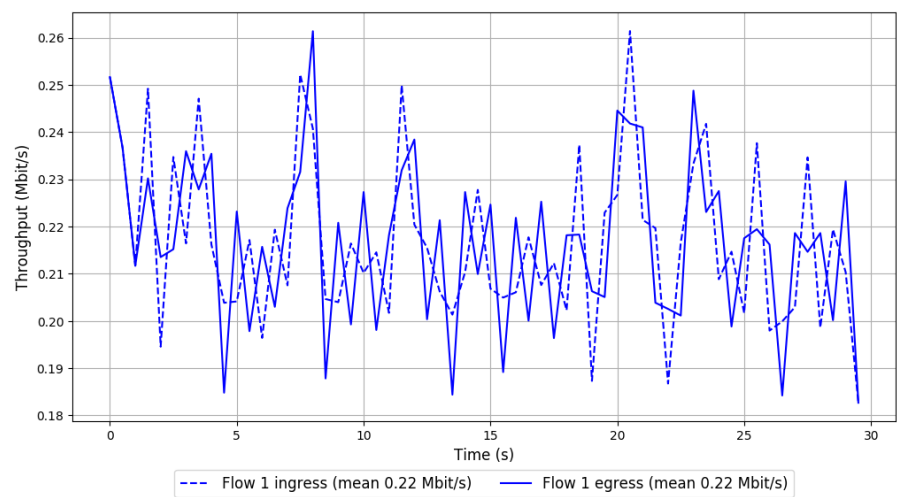


Run 3: Statistics of SCReAM

Start at: 2018-03-13 05:13:04
End at: 2018-03-13 05:13:34
Local clock offset: -5.295 ms
Remote clock offset: -6.532 ms

Below is generated by plot.py at 2018-03-13 08:15:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.348 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.348 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

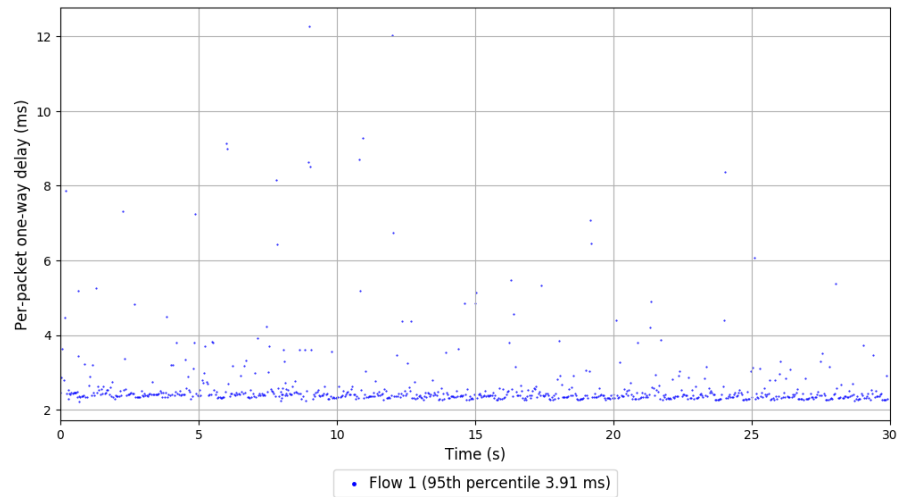
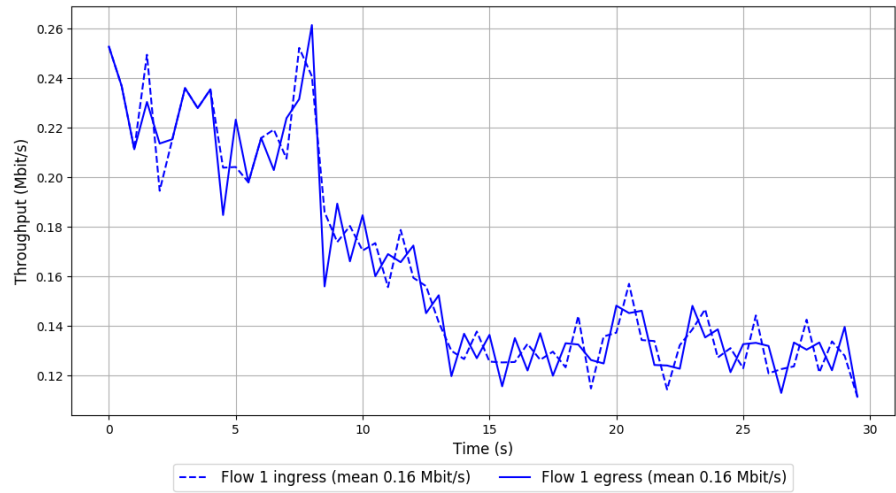


Run 4: Statistics of SCReAM

Start at: 2018-03-13 05:33:27
End at: 2018-03-13 05:33:57
Local clock offset: -5.759 ms
Remote clock offset: -6.574 ms

Below is generated by plot.py at 2018-03-13 08:15:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 3.914 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 3.914 ms
Loss rate: 0.15%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-03-13 05:53:52

End at: 2018-03-13 05:54:22

Local clock offset: -6.553 ms

Remote clock offset: -6.75 ms

Below is generated by plot.py at 2018-03-13 08:15:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.355 ms

Loss rate: 0.00%

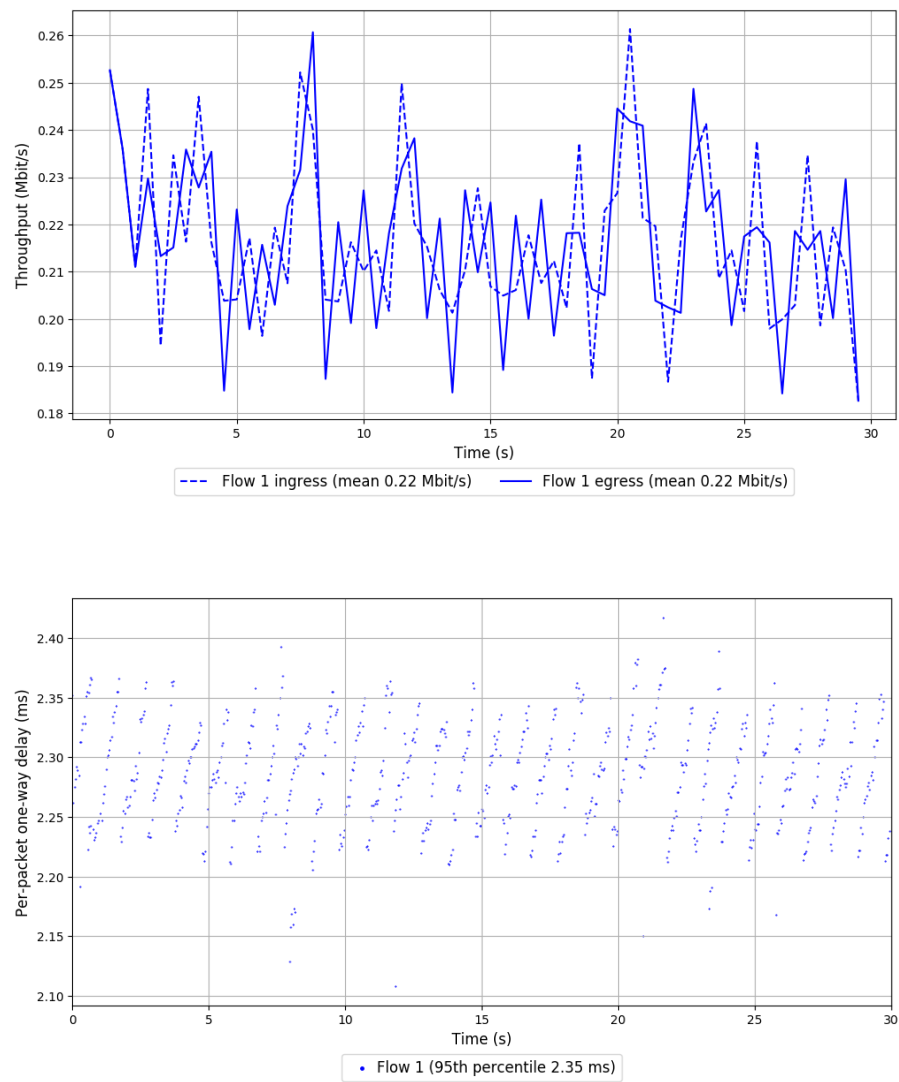
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.355 ms

Loss rate: 0.00%

Run 5: Report of SCRaM — Data Link

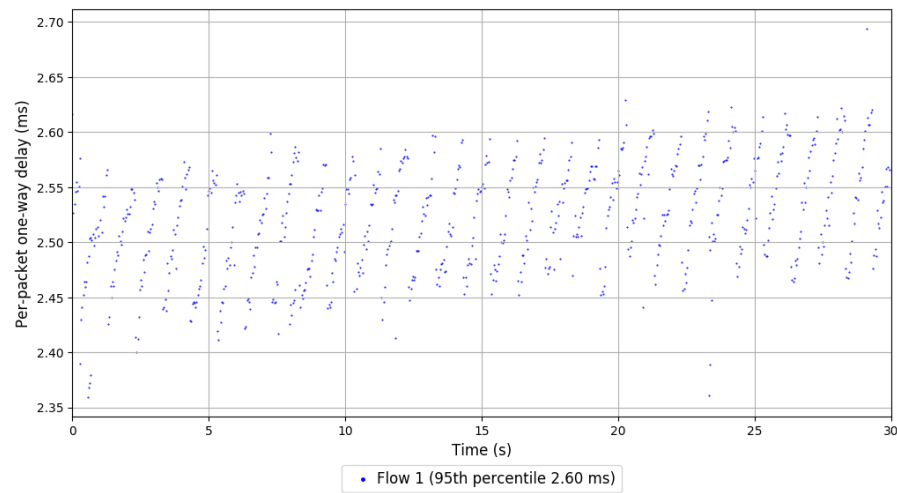
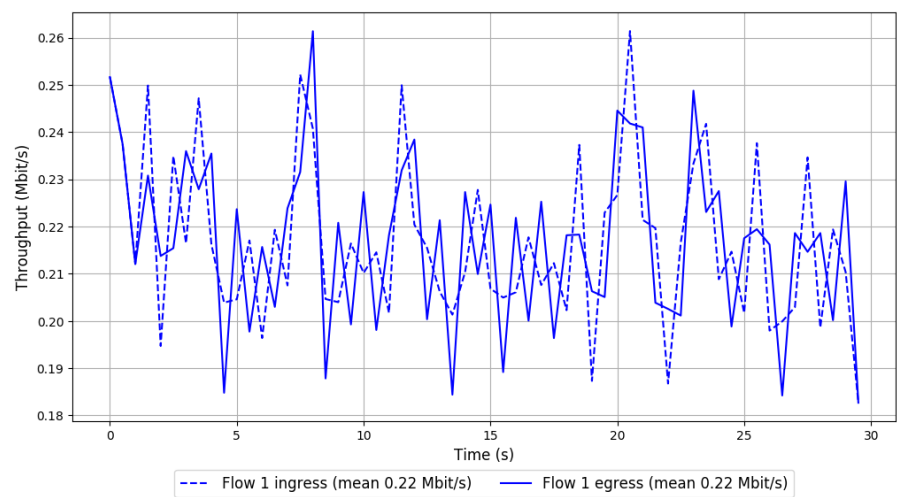


Run 6: Statistics of SCReAM

Start at: 2018-03-13 06:14:12
End at: 2018-03-13 06:14:42
Local clock offset: -5.905 ms
Remote clock offset: -6.989 ms

Below is generated by plot.py at 2018-03-13 08:15:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.597 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.597 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

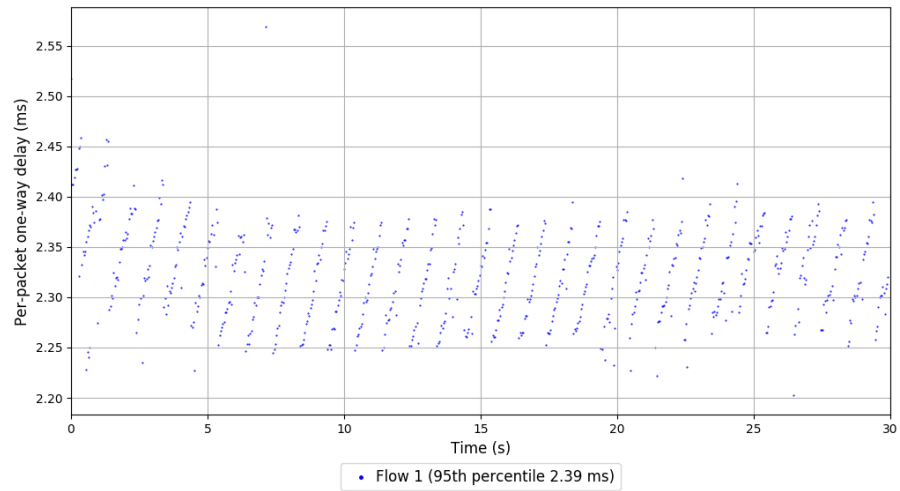
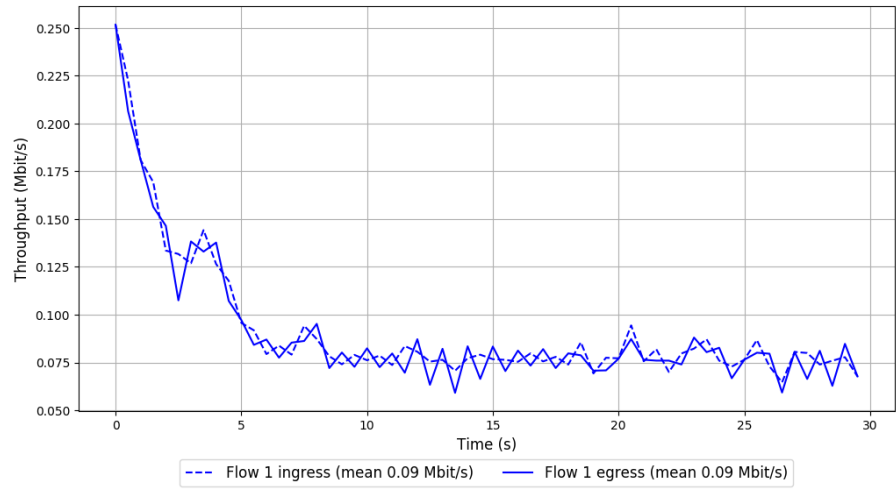


Run 7: Statistics of SCReAM

Start at: 2018-03-13 06:34:37
End at: 2018-03-13 06:35:07
Local clock offset: -4.527 ms
Remote clock offset: -7.038 ms

Below is generated by plot.py at 2018-03-13 08:15:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 2.387 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 2.387 ms
Loss rate: 1.90%

Run 7: Report of SReAM — Data Link

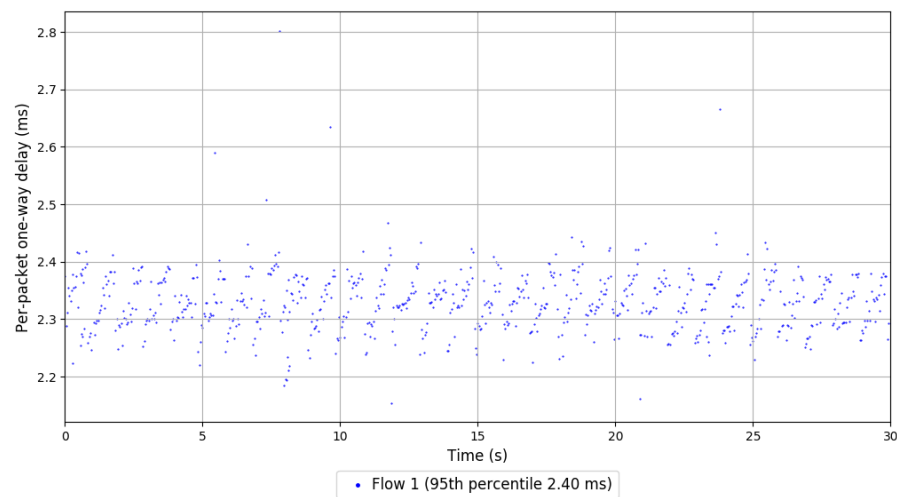
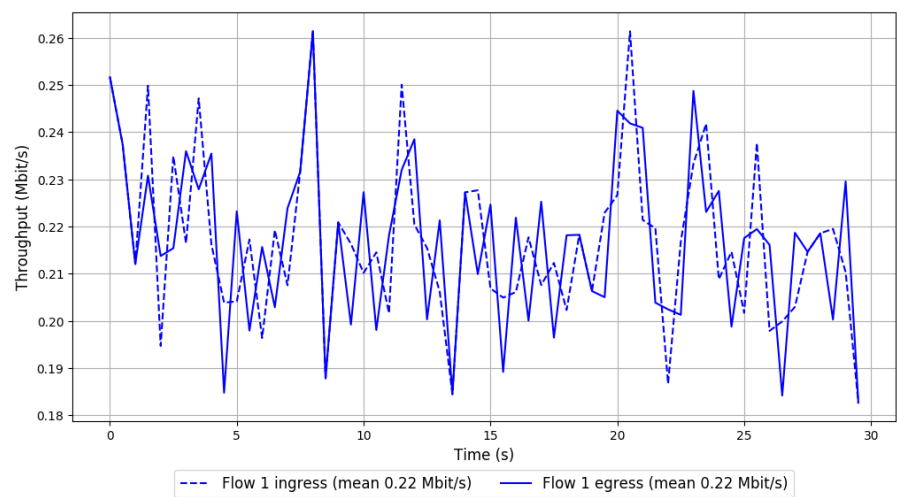


Run 8: Statistics of SCReAM

Start at: 2018-03-13 06:55:02
End at: 2018-03-13 06:55:32
Local clock offset: -5.5 ms
Remote clock offset: -7.181 ms

Below is generated by plot.py at 2018-03-13 08:15:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.397 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.397 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

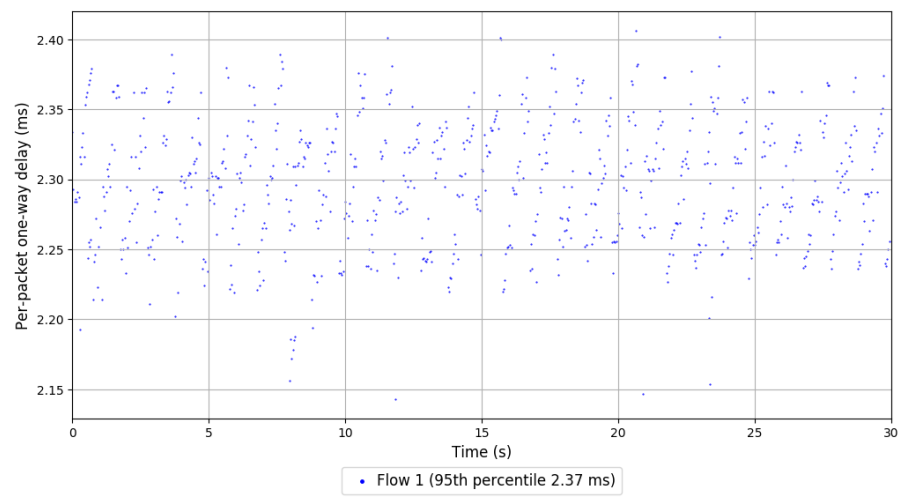
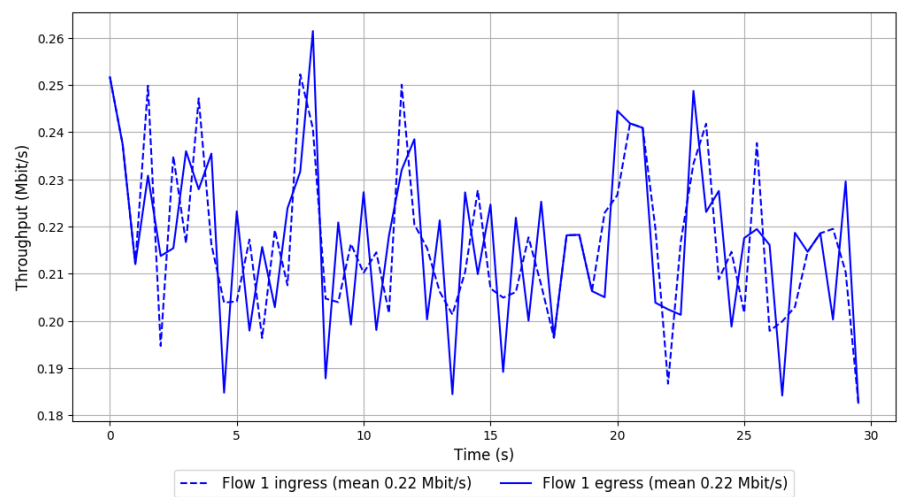


Run 9: Statistics of SCReAM

Start at: 2018-03-13 07:15:25
End at: 2018-03-13 07:15:55
Local clock offset: -5.795 ms
Remote clock offset: -7.529 ms

Below is generated by plot.py at 2018-03-13 08:15:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.367 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.367 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

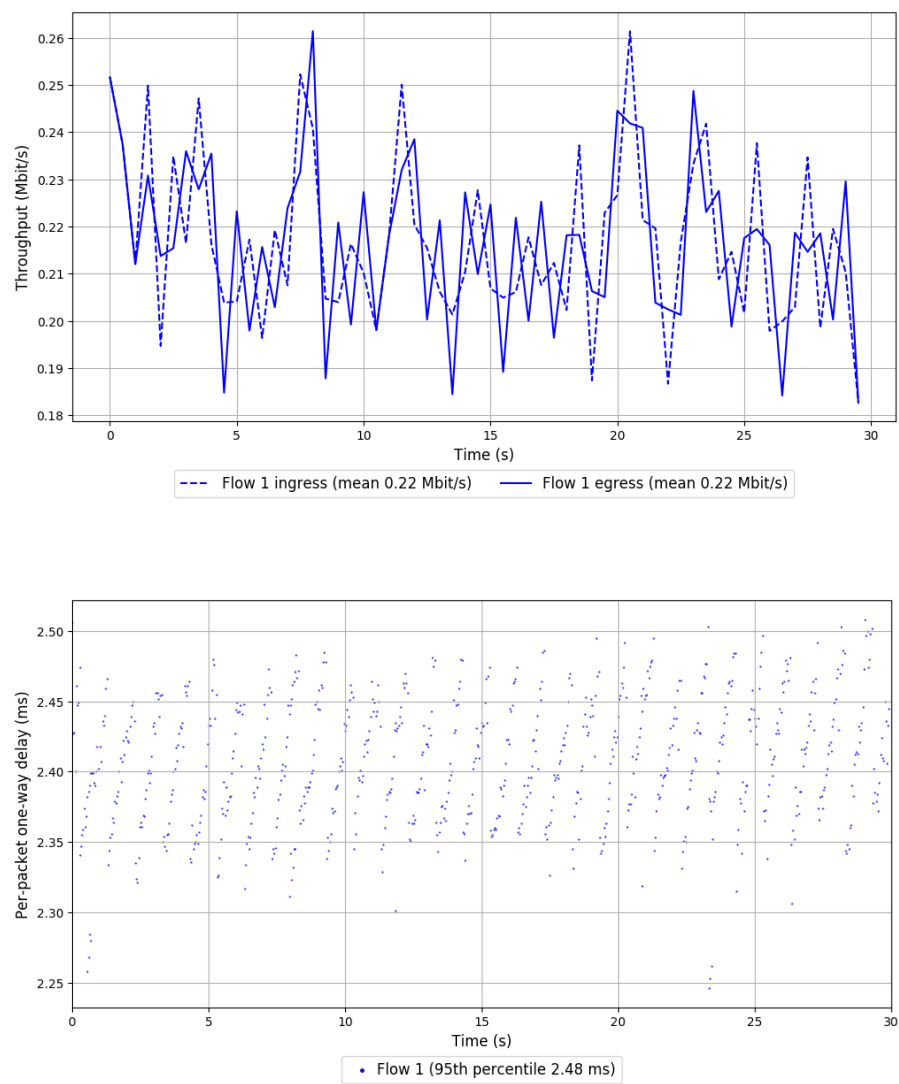


Run 10: Statistics of SReAM

Start at: 2018-03-13 07:35:50
End at: 2018-03-13 07:36:20
Local clock offset: -1.603 ms
Remote clock offset: -7.397 ms

Below is generated by plot.py at 2018-03-13 08:15:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.476 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.476 ms
Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link

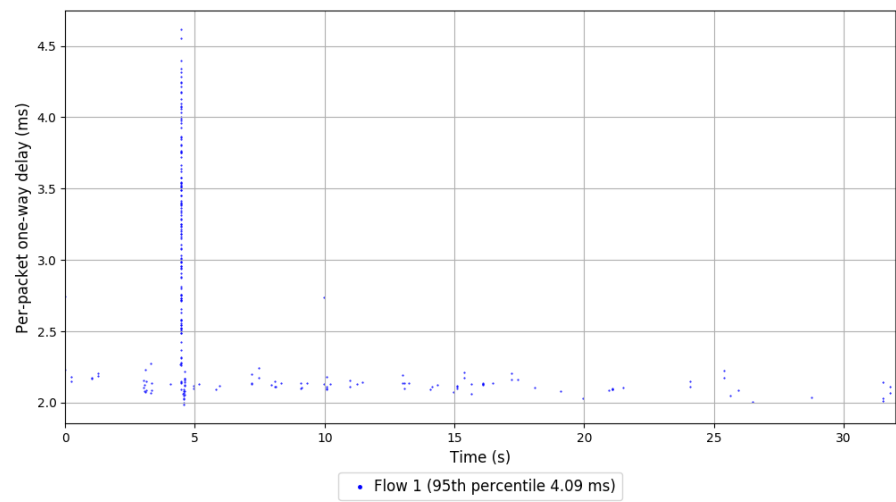
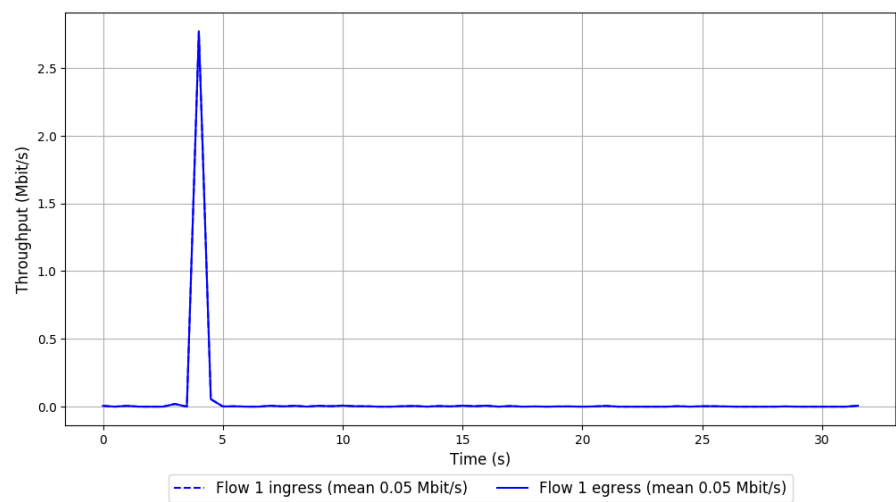


Run 1: Statistics of WebRTC media

Start at: 2018-03-13 04:17:29
End at: 2018-03-13 04:17:59
Local clock offset: -7.577 ms
Remote clock offset: -6.178 ms

Below is generated by plot.py at 2018-03-13 08:15:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.095 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.095 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

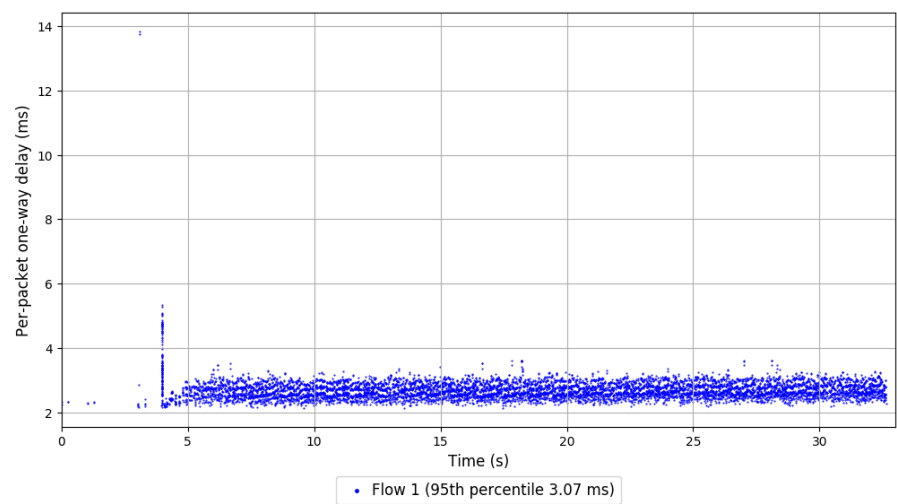
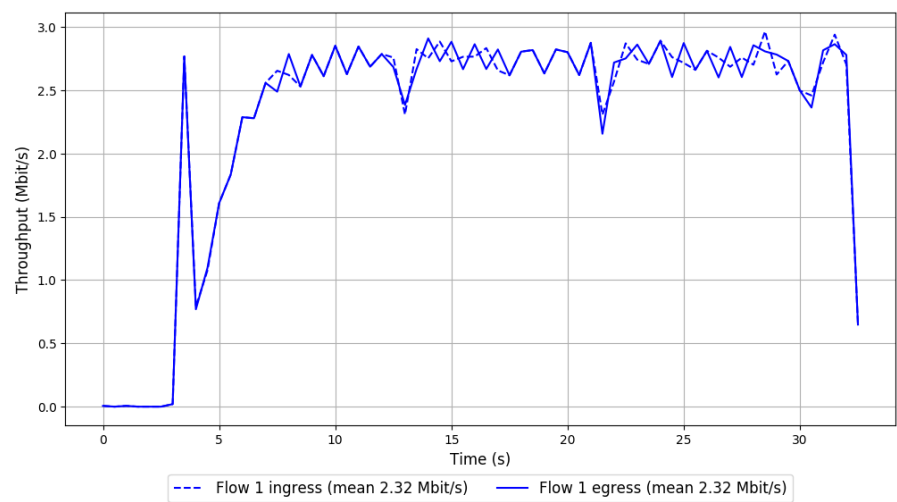


Run 2: Statistics of WebRTC media

Start at: 2018-03-13 04:37:50
End at: 2018-03-13 04:38:20
Local clock offset: -5.361 ms
Remote clock offset: -6.138 ms

Below is generated by plot.py at 2018-03-13 08:15:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.066 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.066 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

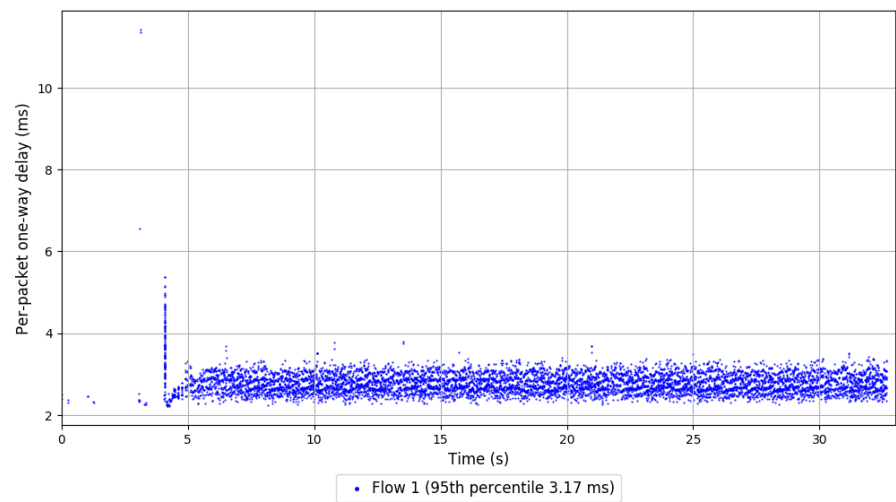
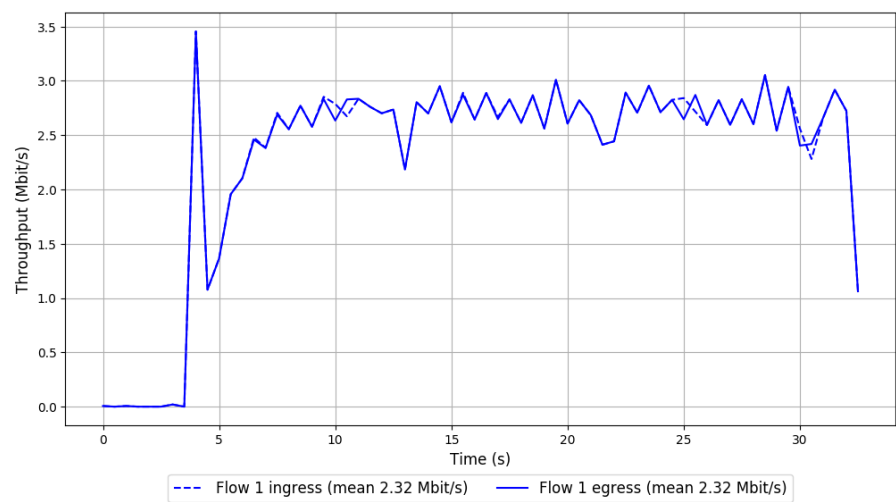


Run 3: Statistics of WebRTC media

Start at: 2018-03-13 04:58:15
End at: 2018-03-13 04:58:45
Local clock offset: -4.696 ms
Remote clock offset: -6.495 ms

Below is generated by plot.py at 2018-03-13 08:15:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.166 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.166 ms
Loss rate: 0.10%

Run 3: Report of WebRTC media — Data Link

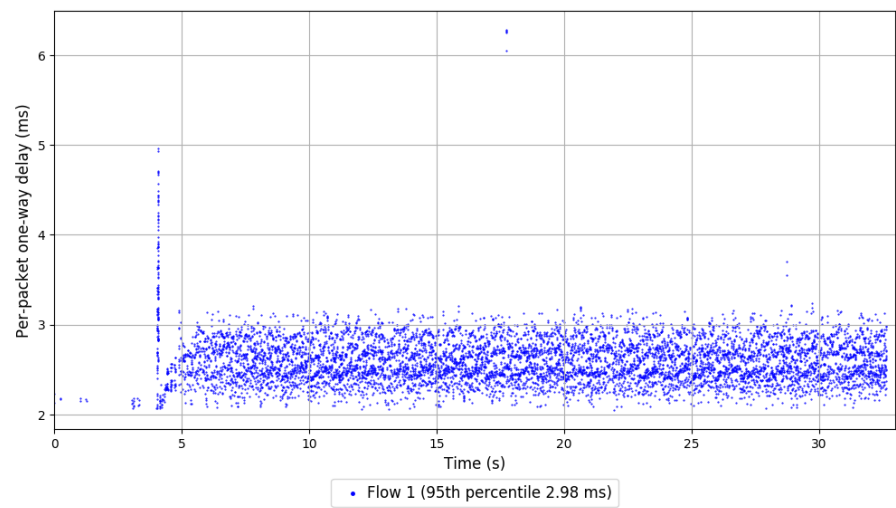
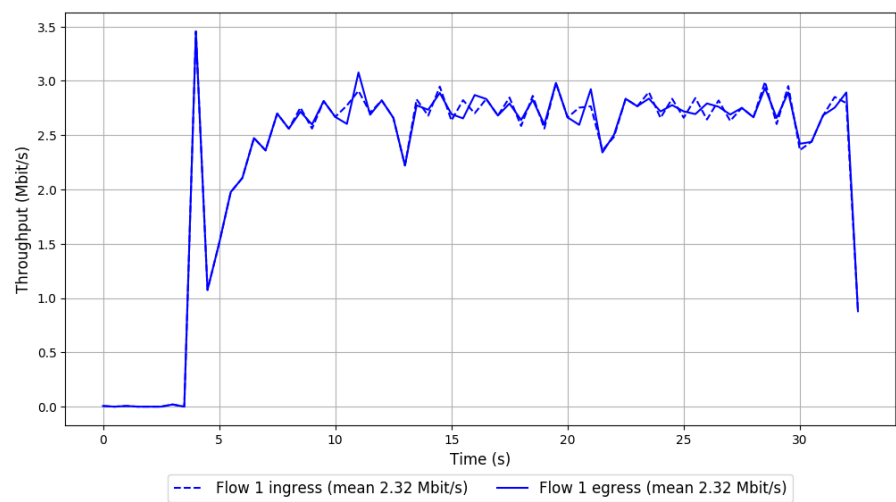


Run 4: Statistics of WebRTC media

Start at: 2018-03-13 05:18:38
End at: 2018-03-13 05:19:08
Local clock offset: -5.483 ms
Remote clock offset: -6.627 ms

Below is generated by plot.py at 2018-03-13 08:15:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 2.978 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 2.978 ms
Loss rate: 0.01%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-03-13 05:39:03

End at: 2018-03-13 05:39:33

Local clock offset: -6.059 ms

Remote clock offset: -6.57 ms

Below is generated by plot.py at 2018-03-13 08:15:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 2.977 ms

Loss rate: 0.00%

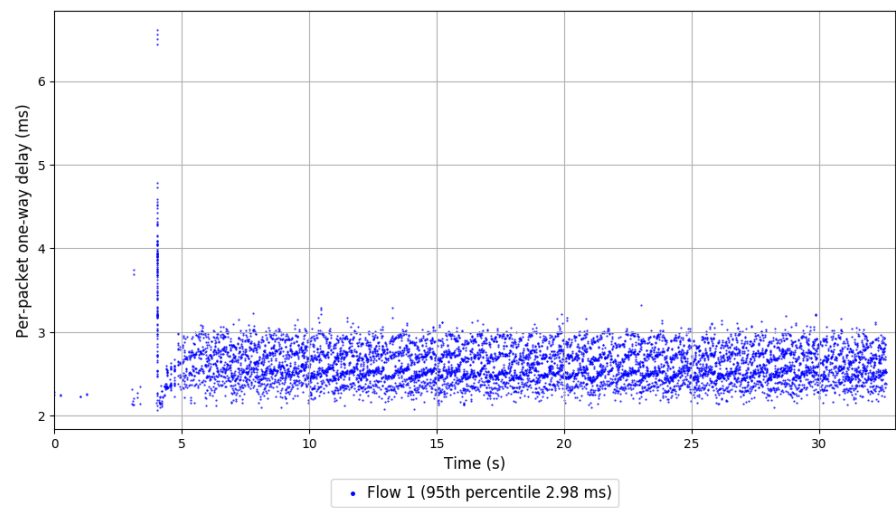
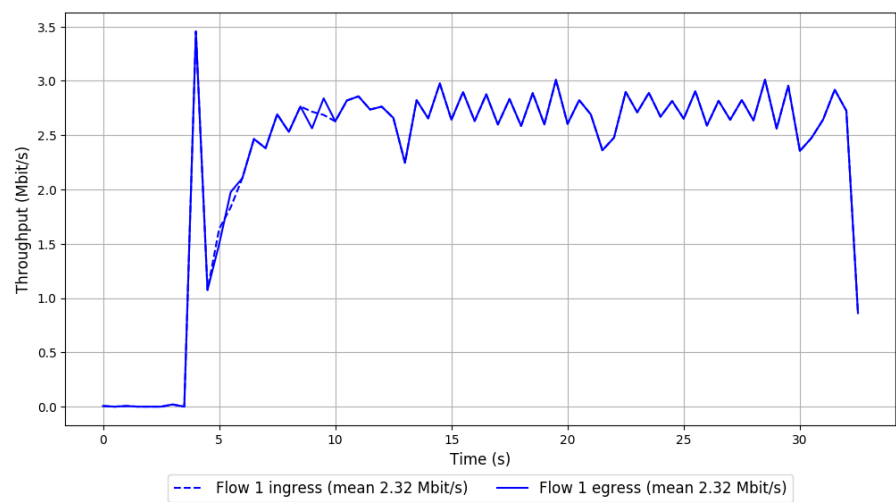
-- Flow 1:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 2.977 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-03-13 05:59:28

End at: 2018-03-13 05:59:58

Local clock offset: -6.757 ms

Remote clock offset: -6.84 ms

Below is generated by plot.py at 2018-03-13 08:15:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 3.084 ms

Loss rate: 0.00%

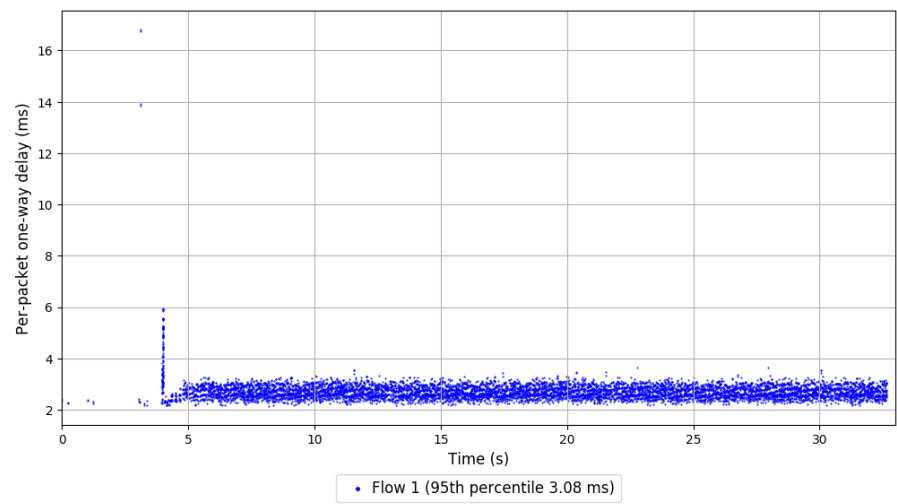
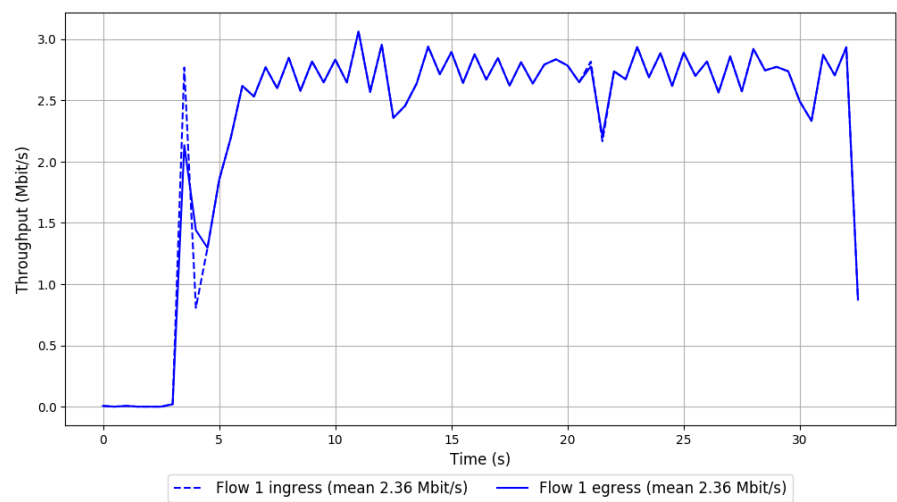
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 3.084 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

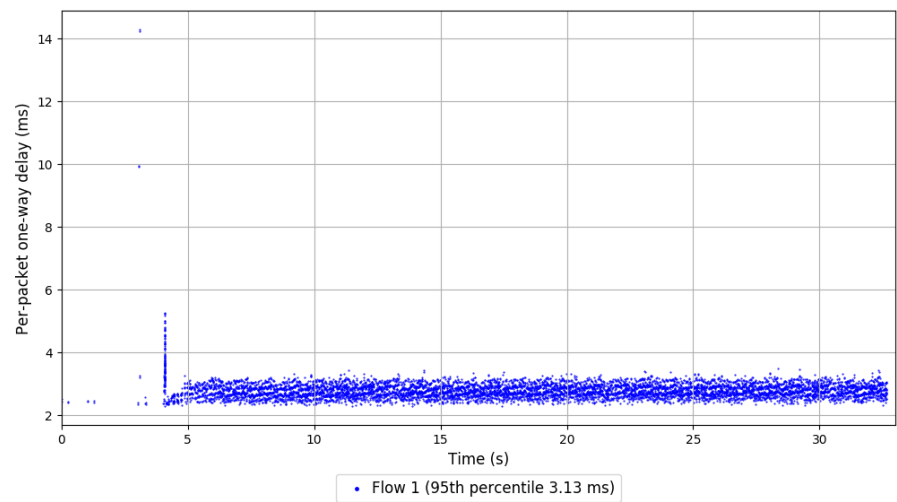
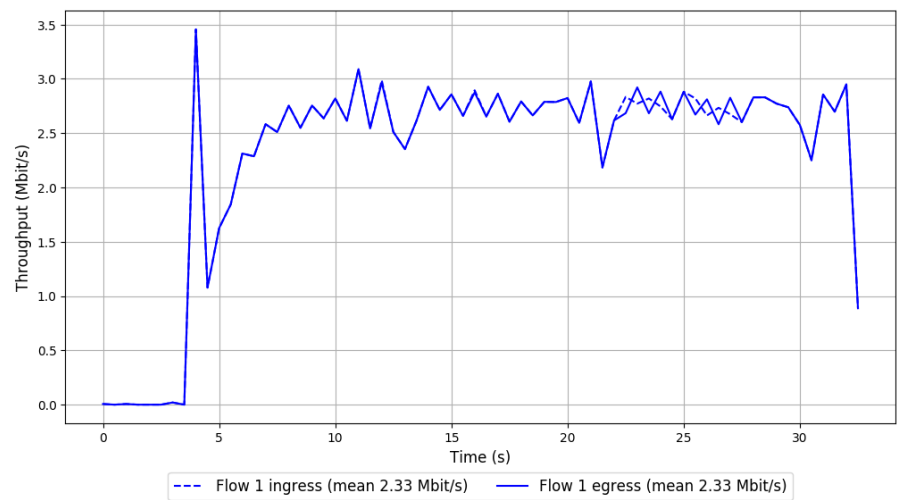


Run 7: Statistics of WebRTC media

Start at: 2018-03-13 06:19:48
End at: 2018-03-13 06:20:18
Local clock offset: -5.301 ms
Remote clock offset: -7.044 ms

Below is generated by plot.py at 2018-03-13 08:15:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 3.133 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 3.133 ms
Loss rate: 0.03%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-03-13 06:40:13

End at: 2018-03-13 06:40:43

Local clock offset: -4.334 ms

Remote clock offset: -7.06 ms

Below is generated by plot.py at 2018-03-13 08:15:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 3.067 ms

Loss rate: 0.00%

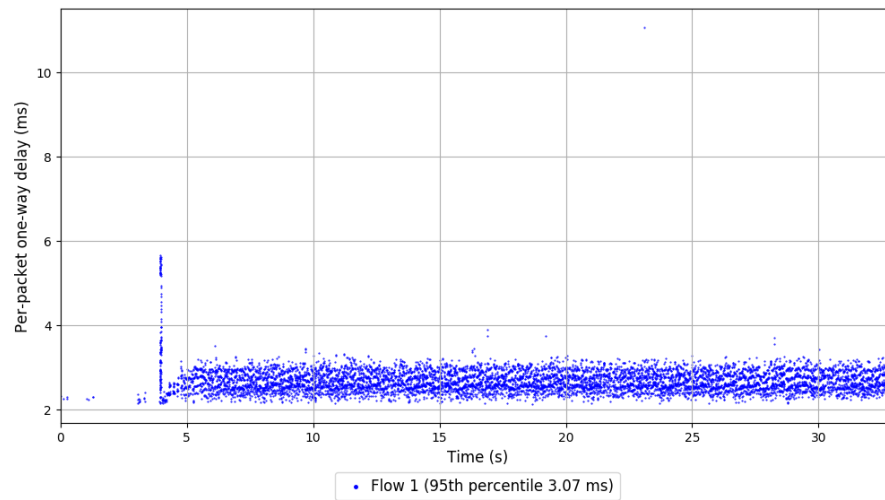
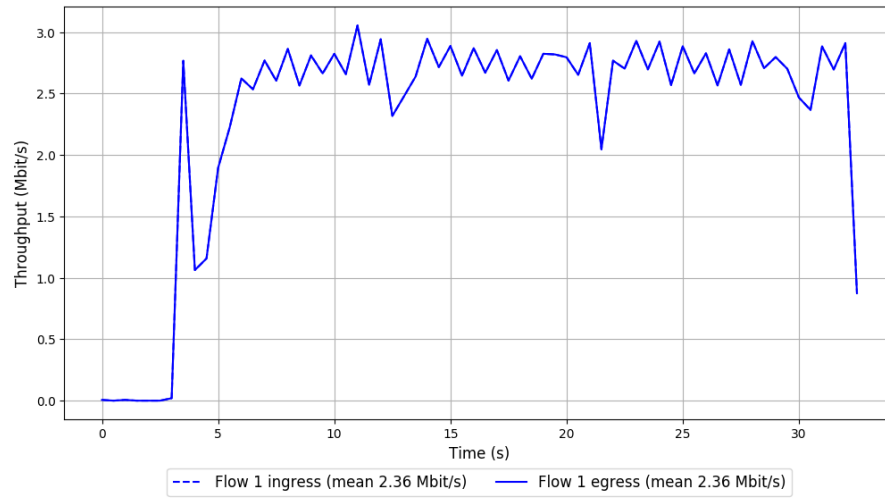
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 3.067 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

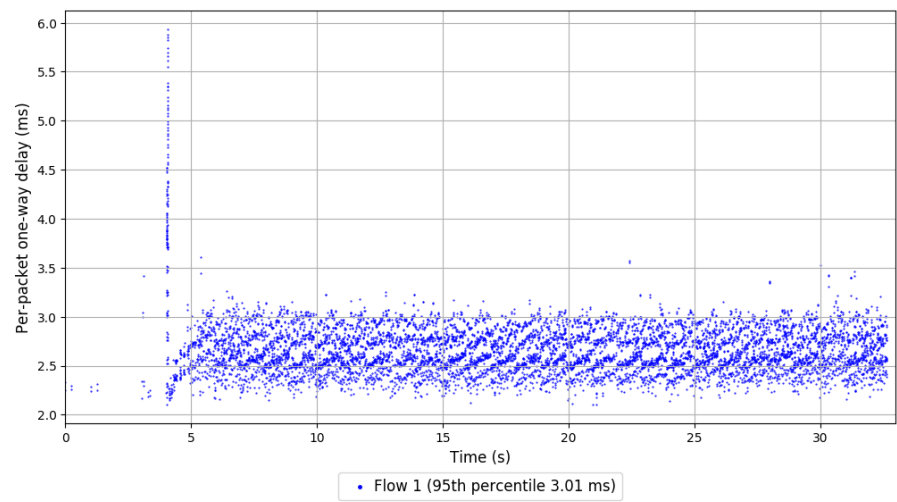
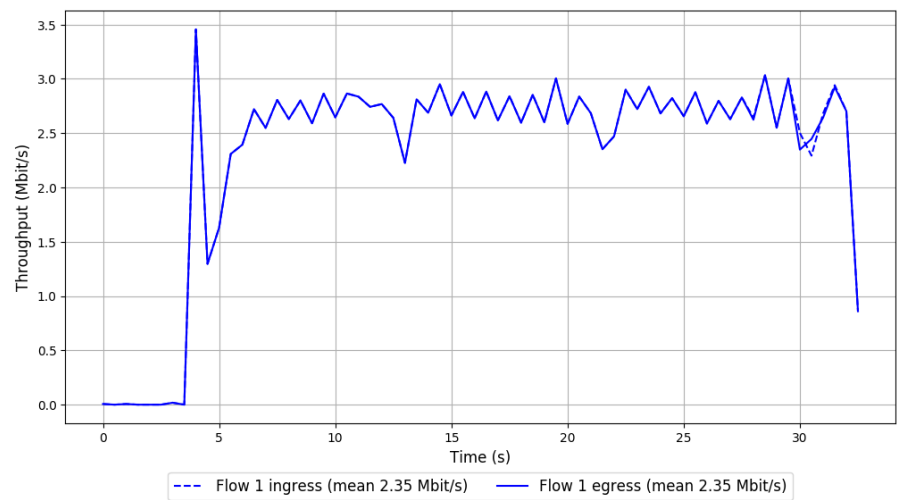


Run 9: Statistics of WebRTC media

Start at: 2018-03-13 07:00:35
End at: 2018-03-13 07:01:05
Local clock offset: -5.673 ms
Remote clock offset: -7.306 ms

Below is generated by plot.py at 2018-03-13 08:15:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 3.012 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 3.012 ms
Loss rate: 0.05%

Run 9: Report of WebRTC media — Data Link

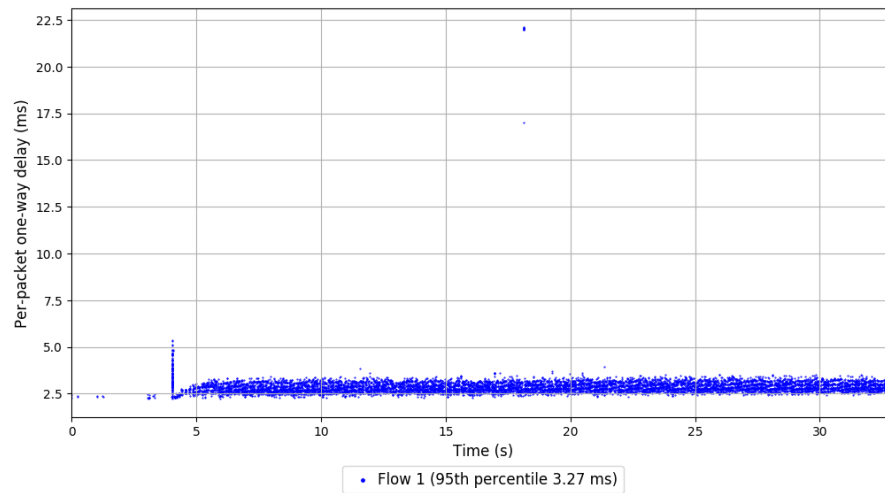
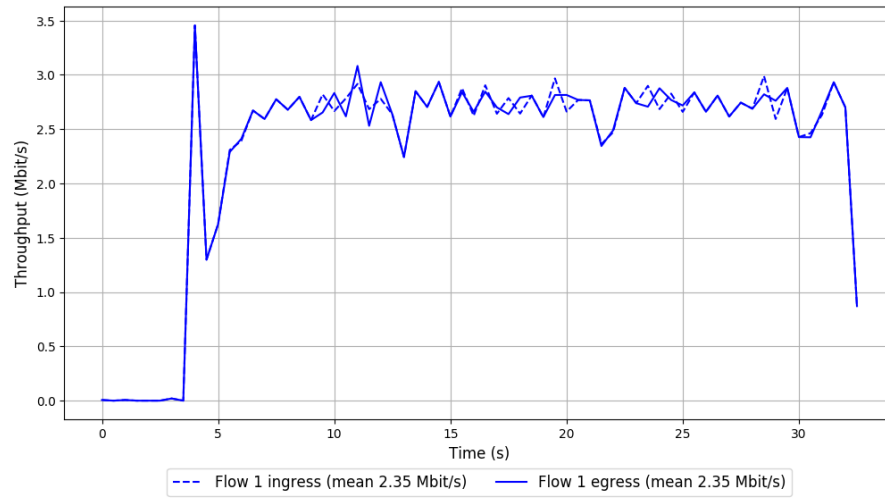


Run 10: Statistics of WebRTC media

Start at: 2018-03-13 07:21:01
End at: 2018-03-13 07:21:31
Local clock offset: -4.148 ms
Remote clock offset: -7.616 ms

Below is generated by plot.py at 2018-03-13 08:15:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 3.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 3.265 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

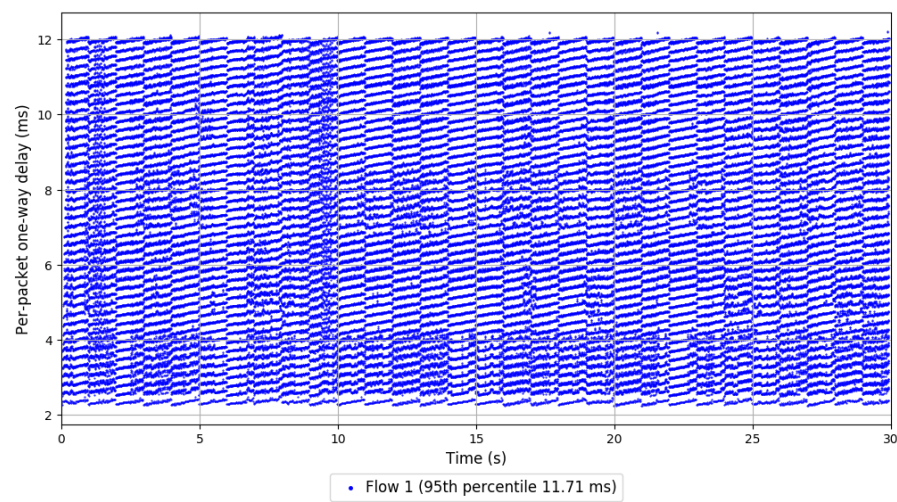
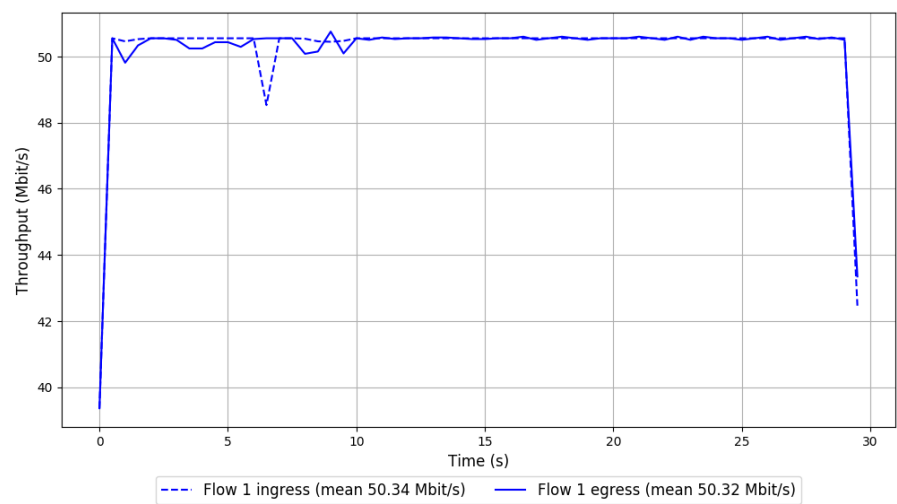


Run 1: Statistics of Sprout

Start at: 2018-03-13 04:16:24
End at: 2018-03-13 04:16:54
Local clock offset: -7.626 ms
Remote clock offset: -6.112 ms

Below is generated by plot.py at 2018-03-13 08:16:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.32 Mbit/s
95th percentile per-packet one-way delay: 11.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.32 Mbit/s
95th percentile per-packet one-way delay: 11.707 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

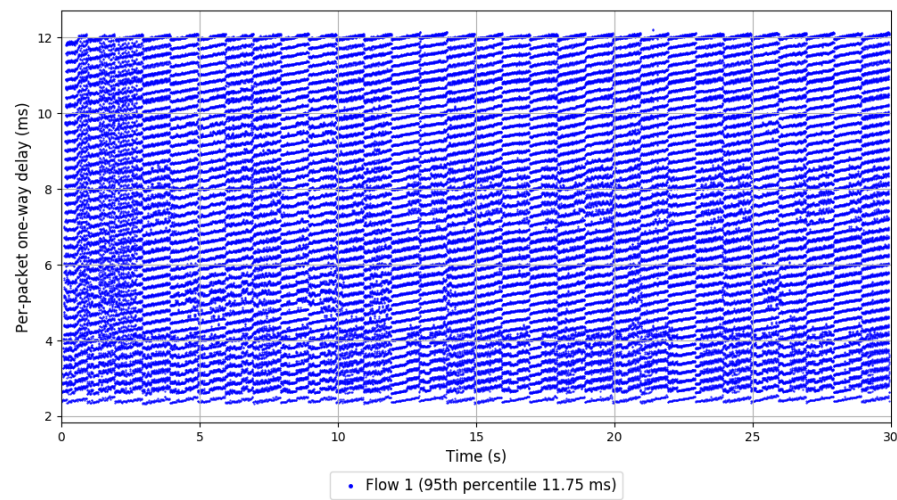
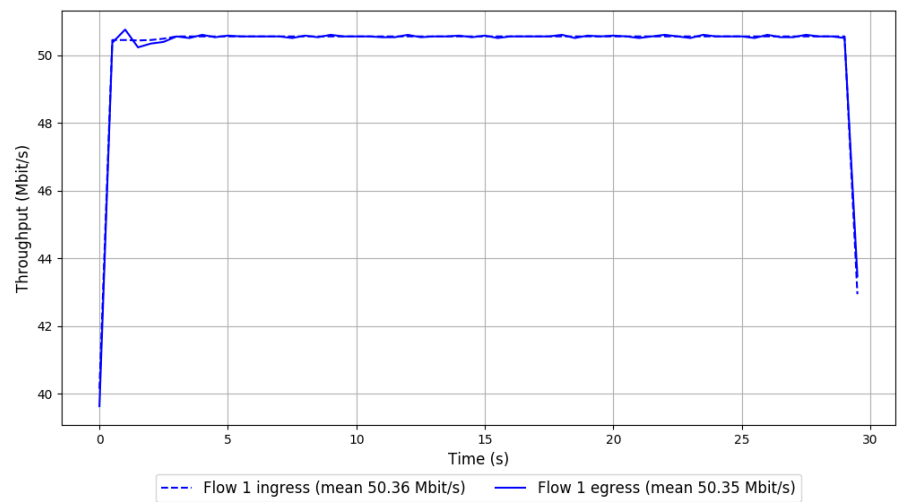


Run 2: Statistics of Sprout

Start at: 2018-03-13 04:36:45
End at: 2018-03-13 04:37:15
Local clock offset: -5.537 ms
Remote clock offset: -6.117 ms

Below is generated by plot.py at 2018-03-13 08:16:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 11.750 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 11.750 ms
Loss rate: 0.01%

Run 2: Report of Sprout — Data Link

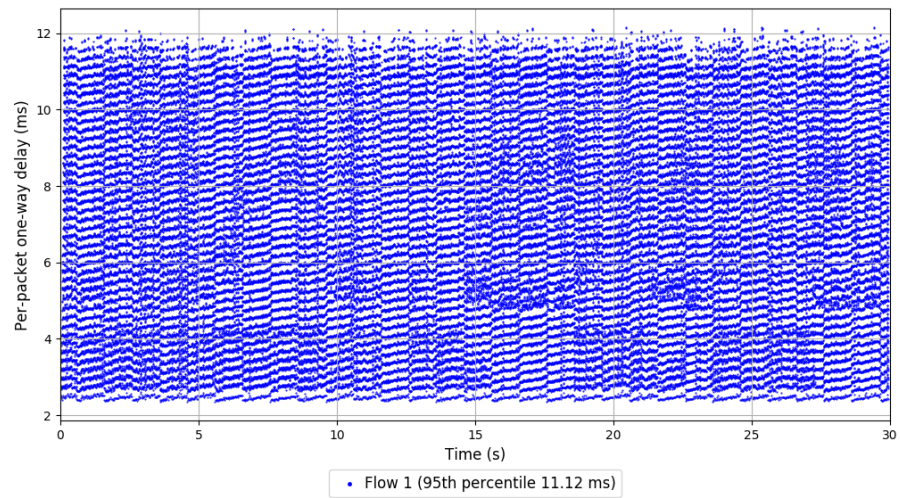
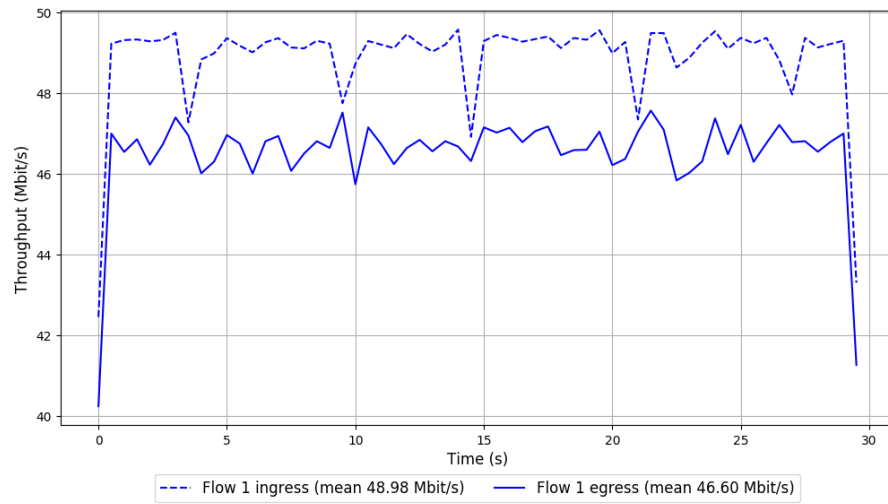


Run 3: Statistics of Sprout

Start at: 2018-03-13 04:57:10
End at: 2018-03-13 04:57:40
Local clock offset: -4.719 ms
Remote clock offset: -6.482 ms

Below is generated by plot.py at 2018-03-13 08:16:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.60 Mbit/s
95th percentile per-packet one-way delay: 11.116 ms
Loss rate: 4.83%
-- Flow 1:
Average throughput: 46.60 Mbit/s
95th percentile per-packet one-way delay: 11.116 ms
Loss rate: 4.83%

Run 3: Report of Sprout — Data Link

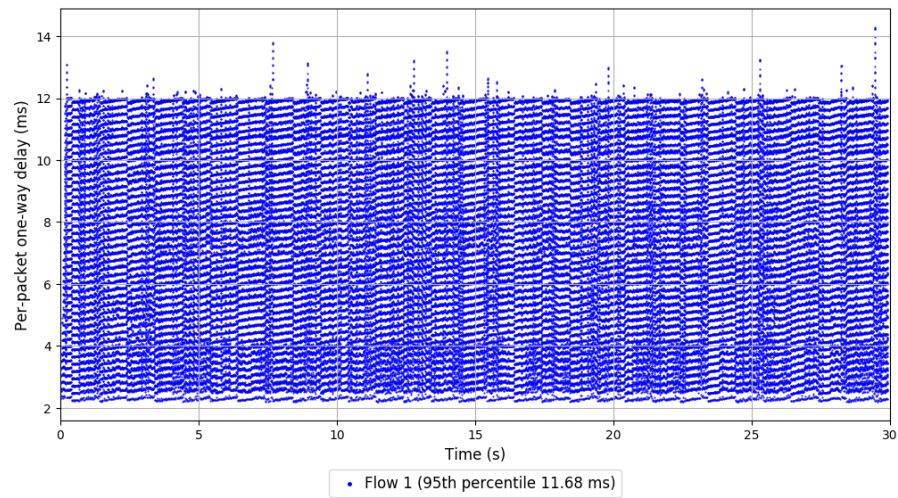
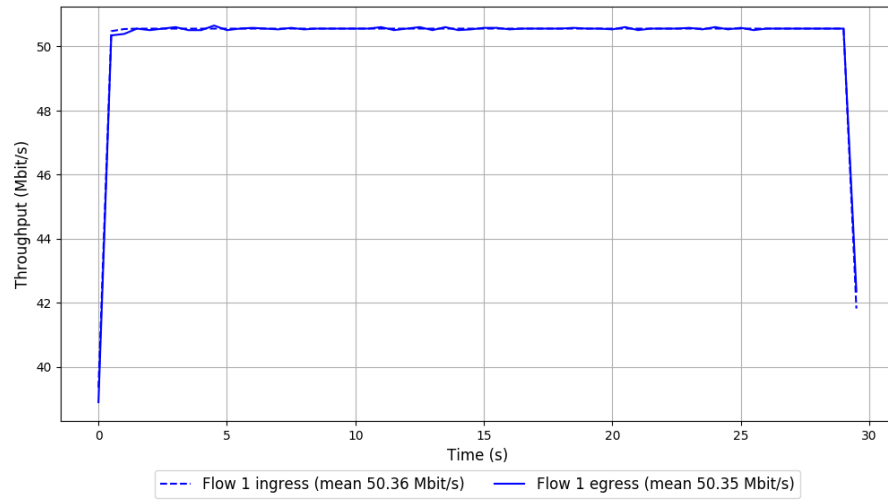


Run 4: Statistics of Sprout

Start at: 2018-03-13 05:17:33
End at: 2018-03-13 05:18:03
Local clock offset: -5.486 ms
Remote clock offset: -6.616 ms

Below is generated by plot.py at 2018-03-13 08:16:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 11.679 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 11.679 ms
Loss rate: 0.01%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-03-13 05:37:57

End at: 2018-03-13 05:38:27

Local clock offset: -6.053 ms

Remote clock offset: -6.58 ms

Below is generated by plot.py at 2018-03-13 08:16:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.39 Mbit/s

95th percentile per-packet one-way delay: 11.718 ms

Loss rate: 0.00%

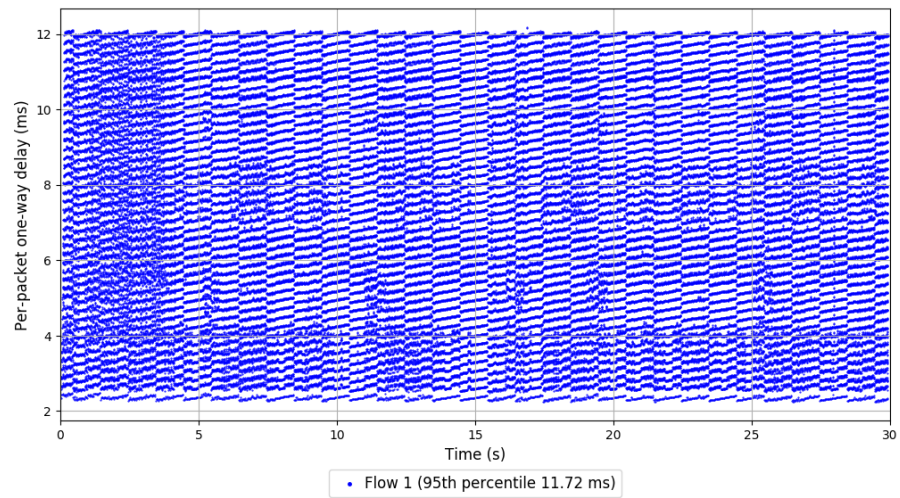
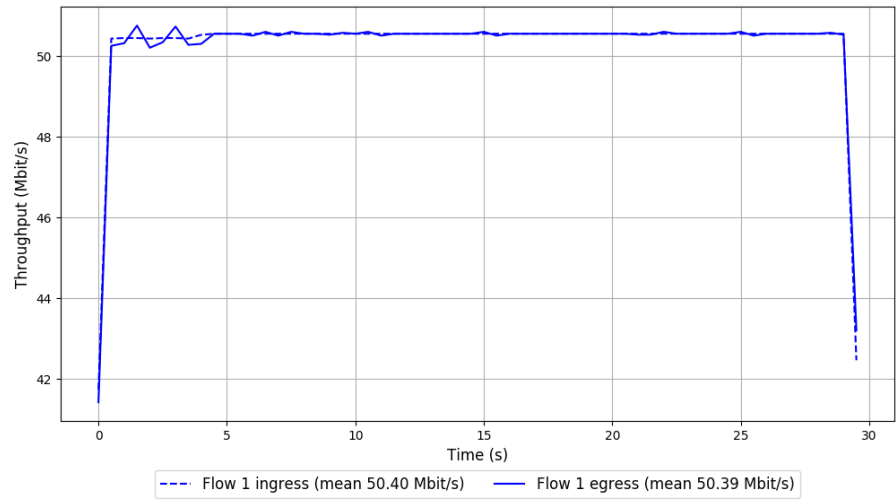
-- Flow 1:

Average throughput: 50.39 Mbit/s

95th percentile per-packet one-way delay: 11.718 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

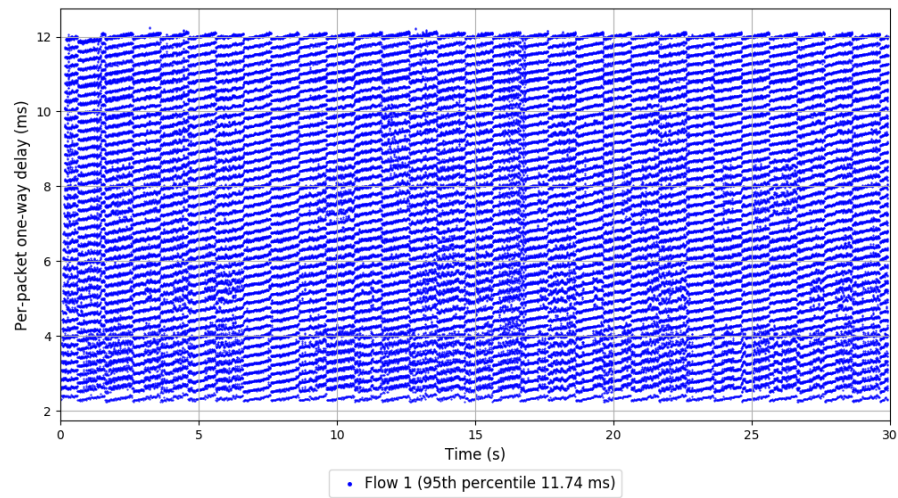
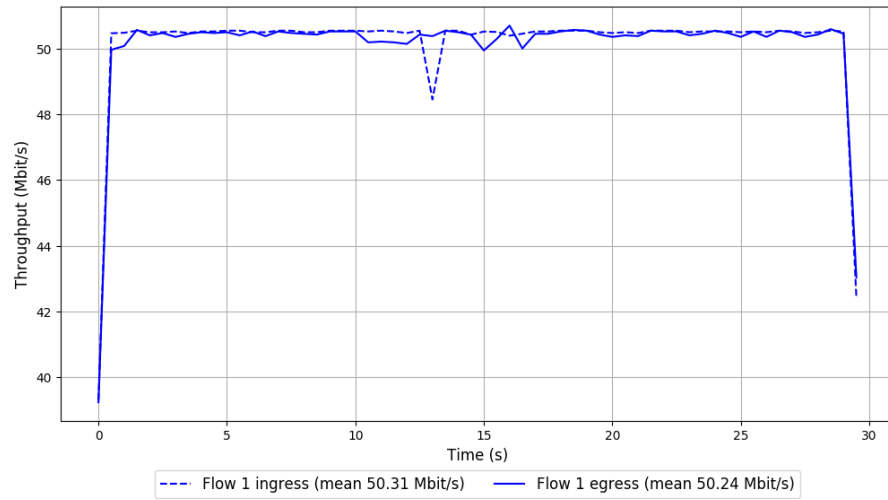


Run 6: Statistics of Sprout

Start at: 2018-03-13 05:58:22
End at: 2018-03-13 05:58:52
Local clock offset: -6.76 ms
Remote clock offset: -6.872 ms

Below is generated by plot.py at 2018-03-13 08:16:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 11.745 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 11.745 ms
Loss rate: 0.10%

Run 6: Report of Sprout — Data Link

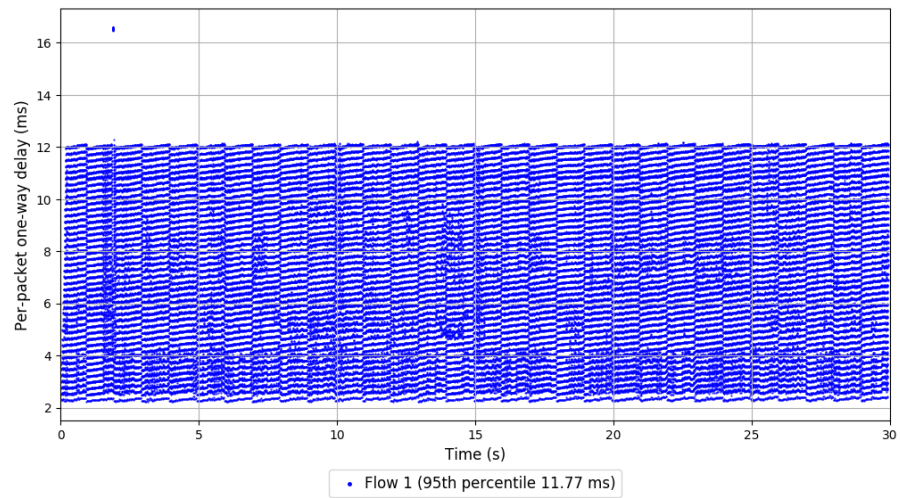
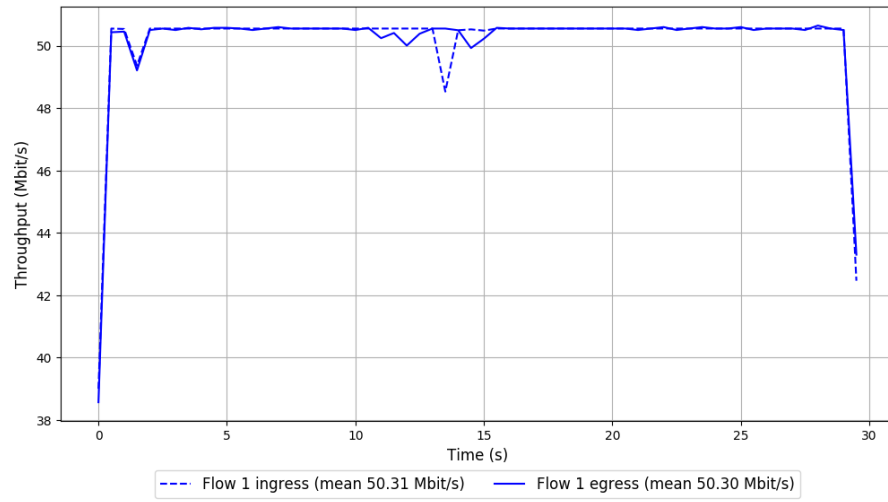


Run 7: Statistics of Sprout

Start at: 2018-03-13 06:18:42
End at: 2018-03-13 06:19:12
Local clock offset: -5.315 ms
Remote clock offset: -7.105 ms

Below is generated by plot.py at 2018-03-13 08:16:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 11.771 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 11.771 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

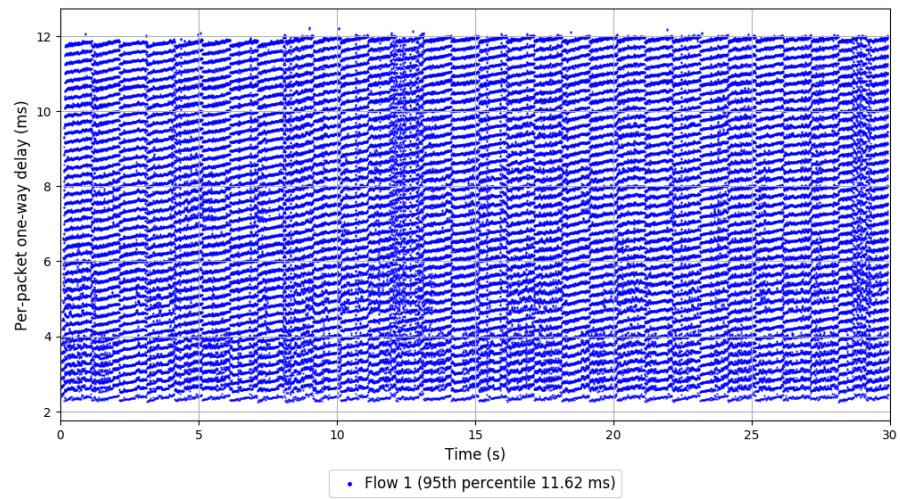
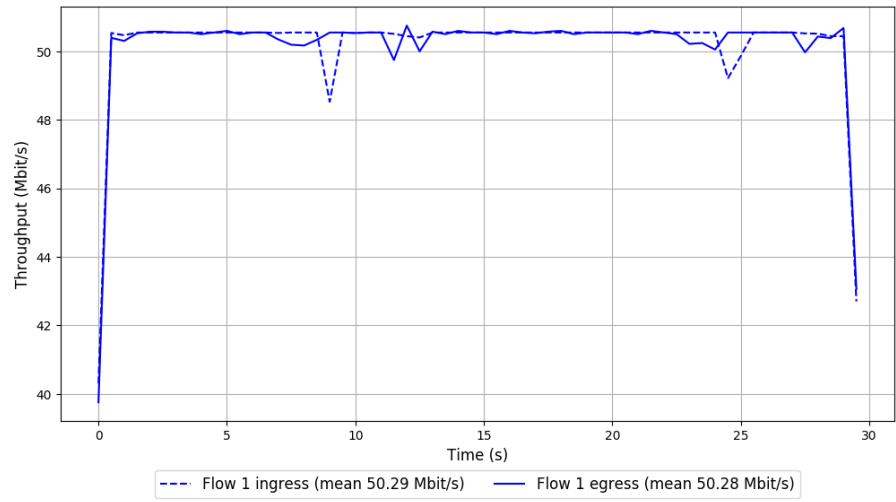


Run 8: Statistics of Sprout

Start at: 2018-03-13 06:39:07
End at: 2018-03-13 06:39:37
Local clock offset: -4.373 ms
Remote clock offset: -7.048 ms

Below is generated by plot.py at 2018-03-13 08:16:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 11.624 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 11.624 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

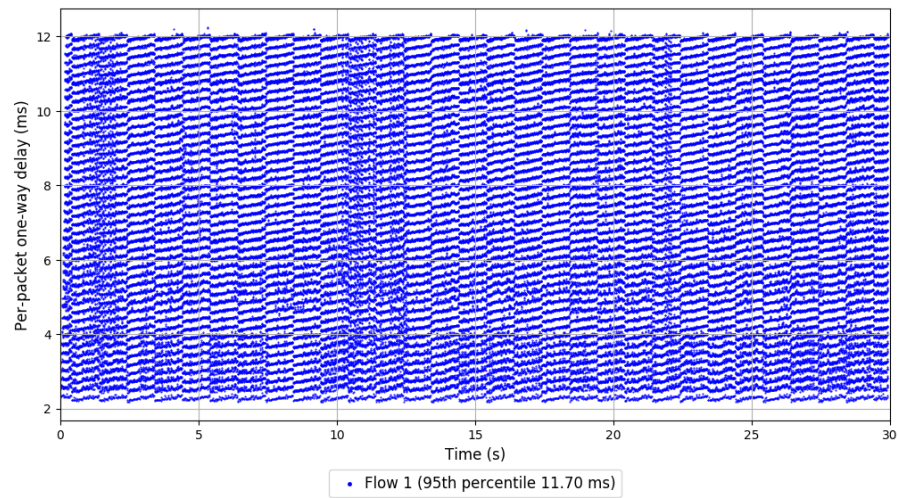
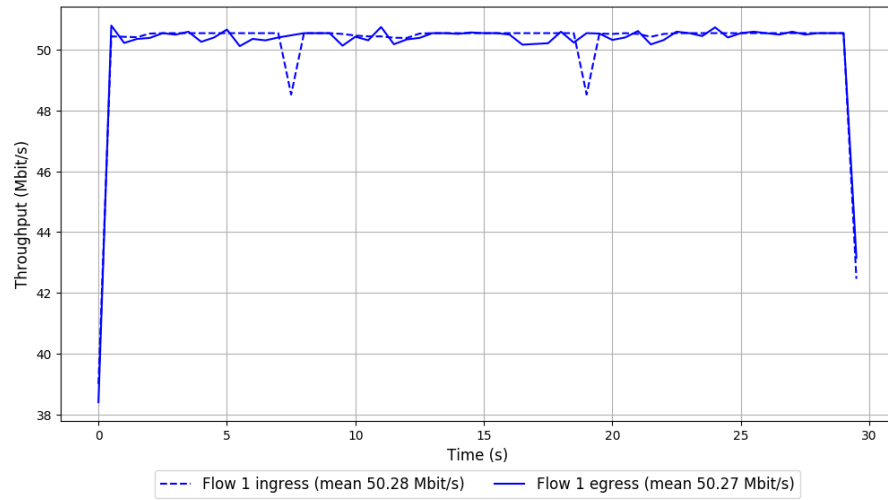


Run 9: Statistics of Sprout

Start at: 2018-03-13 06:59:29
End at: 2018-03-13 07:00:00
Local clock offset: -5.679 ms
Remote clock offset: -7.368 ms

Below is generated by plot.py at 2018-03-13 08:17:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 11.701 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 11.701 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

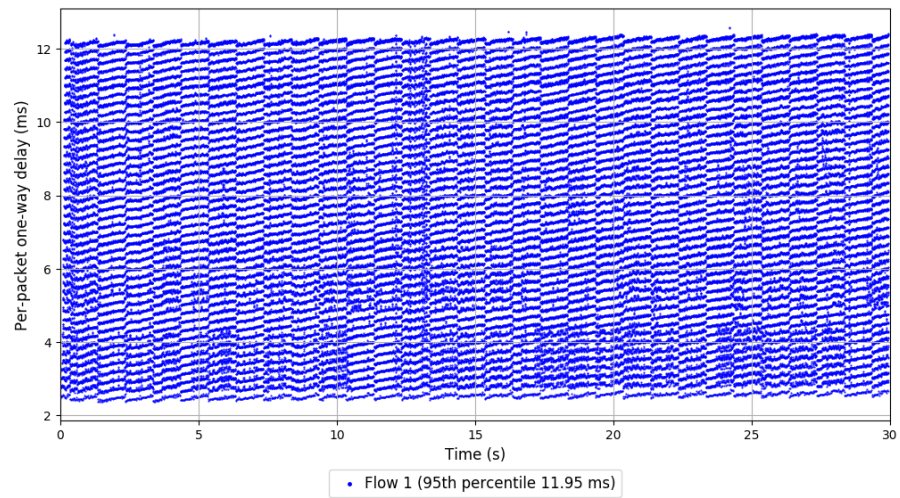
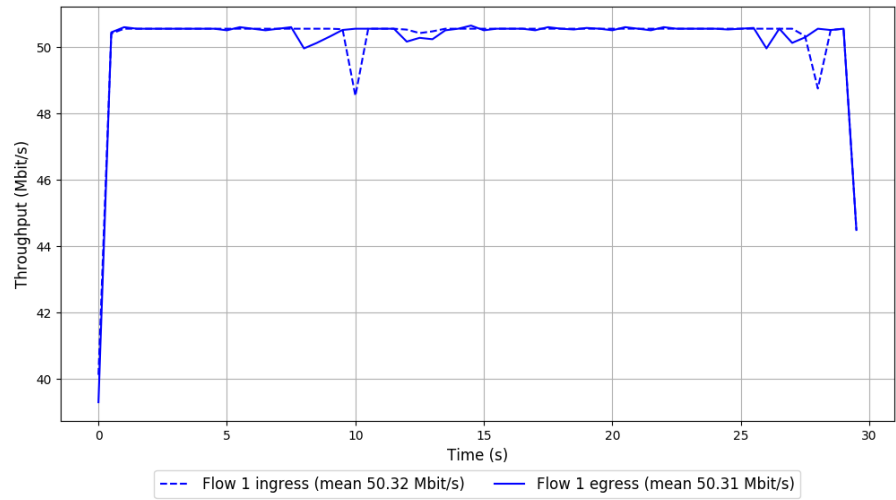


Run 10: Statistics of Sprout

Start at: 2018-03-13 07:19:56
End at: 2018-03-13 07:20:26
Local clock offset: -4.566 ms
Remote clock offset: -7.668 ms

Below is generated by plot.py at 2018-03-13 08:17:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 11.948 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 11.948 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

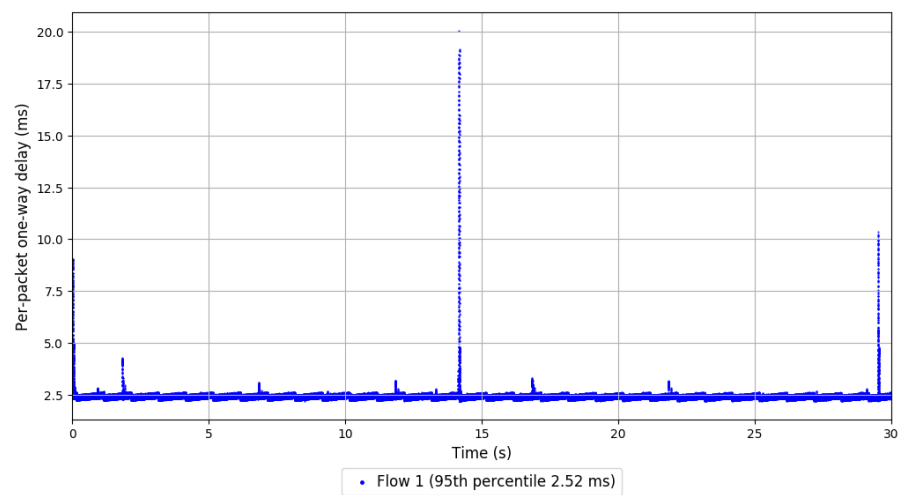
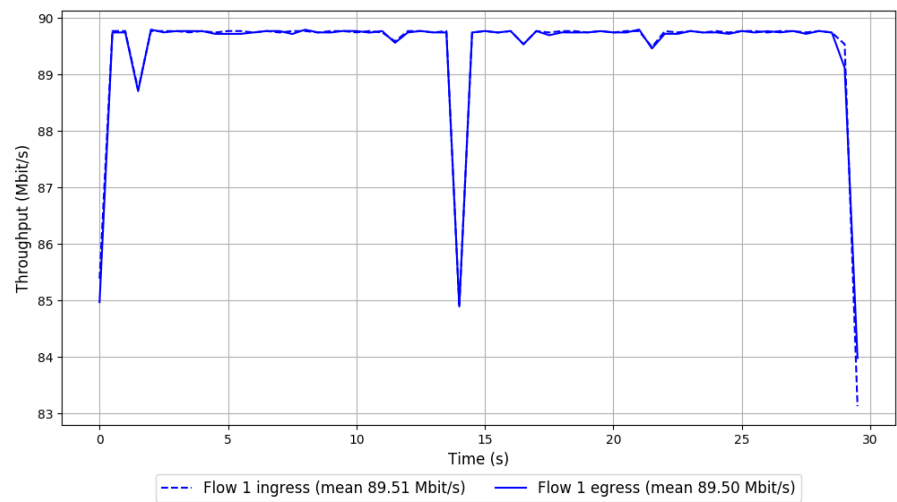


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-03-13 04:24:09
End at: 2018-03-13 04:24:40
Local clock offset: -7.92 ms
Remote clock offset: -6.126 ms

# Below is generated by plot.py at 2018-03-13 08:18:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.50 Mbit/s
95th percentile per-packet one-way delay: 2.525 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.50 Mbit/s
95th percentile per-packet one-way delay: 2.525 ms
Loss rate: 0.01%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-03-13 04:44:35

End at: 2018-03-13 04:45:05

Local clock offset: -5.011 ms

Remote clock offset: -6.32 ms

Below is generated by plot.py at 2018-03-13 08:18:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.31 Mbit/s

95th percentile per-packet one-way delay: 2.710 ms

Loss rate: 4.92%

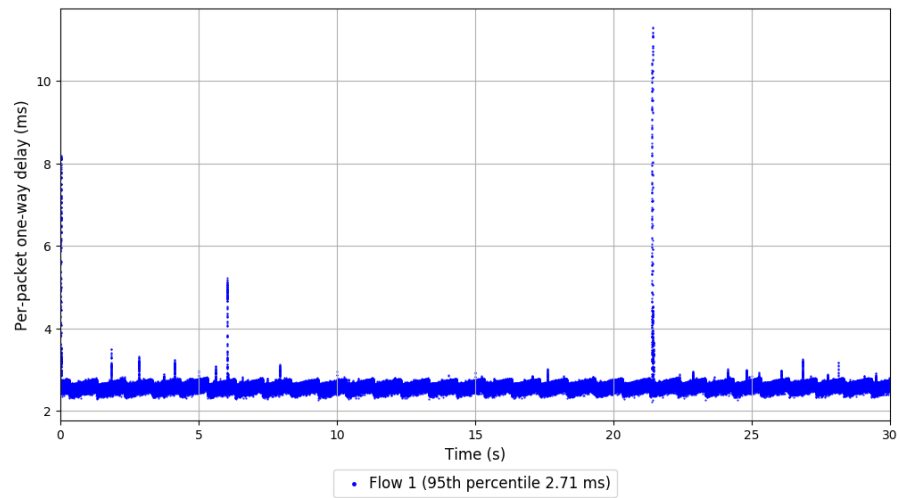
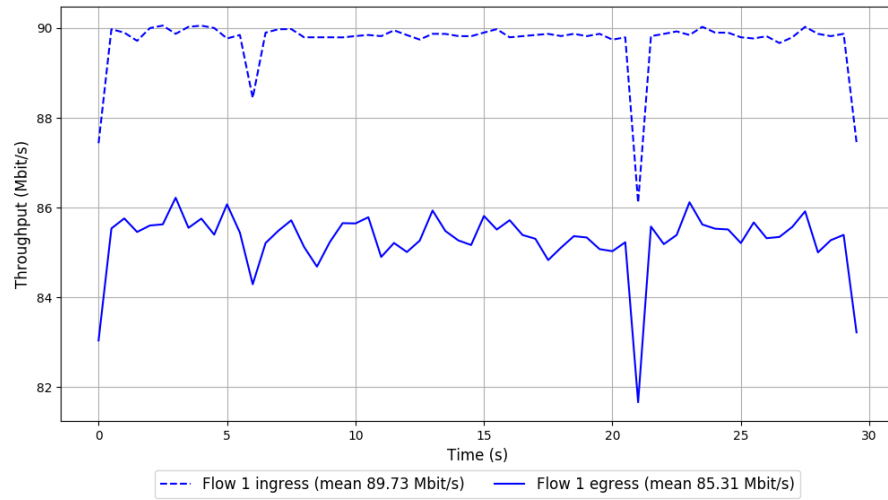
-- Flow 1:

Average throughput: 85.31 Mbit/s

95th percentile per-packet one-way delay: 2.710 ms

Loss rate: 4.92%

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

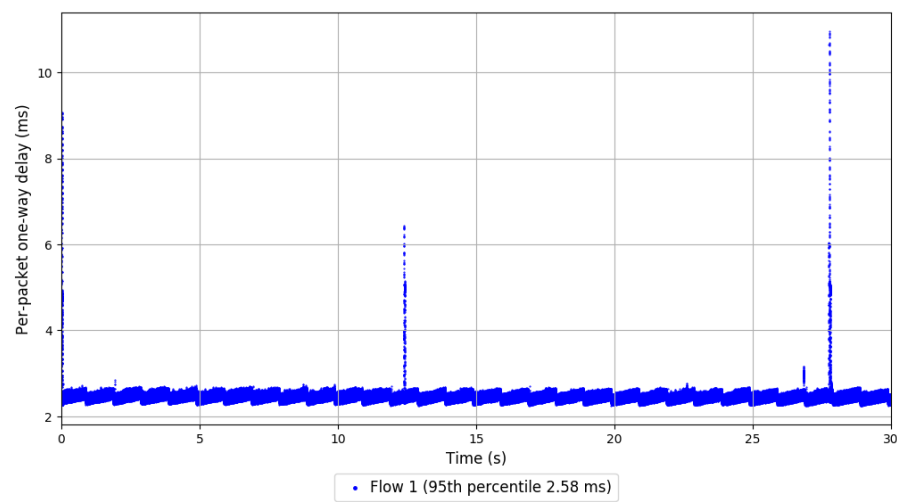
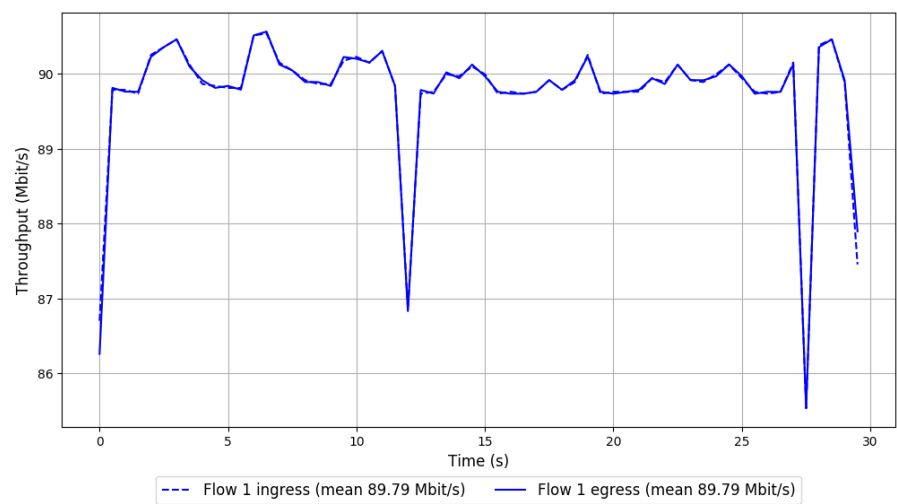


Run 3: Statistics of TaoVA-100x

Start at: 2018-03-13 05:04:59
End at: 2018-03-13 05:05:29
Local clock offset: -4.989 ms
Remote clock offset: -6.492 ms

Below is generated by plot.py at 2018-03-13 08:18:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.79 Mbit/s
95th percentile per-packet one-way delay: 2.576 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.79 Mbit/s
95th percentile per-packet one-way delay: 2.576 ms
Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-13 05:25:23

End at: 2018-03-13 05:25:53

Local clock offset: -5.646 ms

Remote clock offset: -6.636 ms

Below is generated by plot.py at 2018-03-13 08:18:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.69 Mbit/s

95th percentile per-packet one-way delay: 2.936 ms

Loss rate: 0.00%

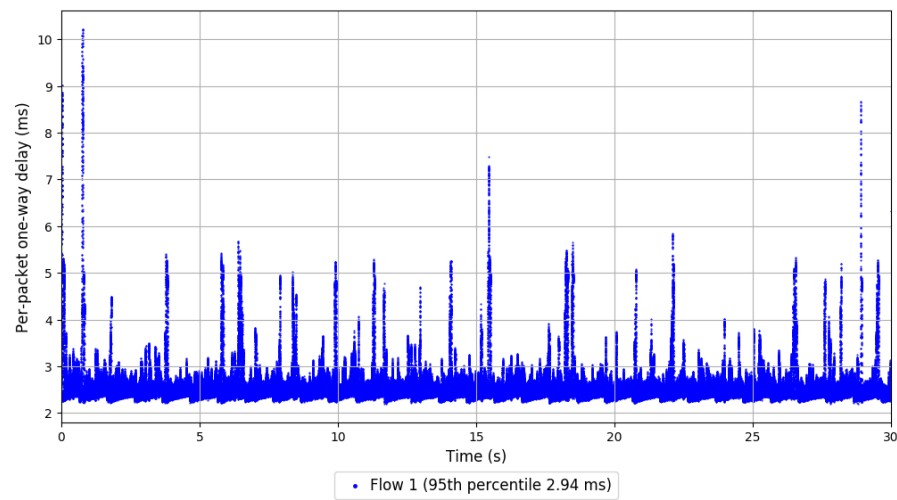
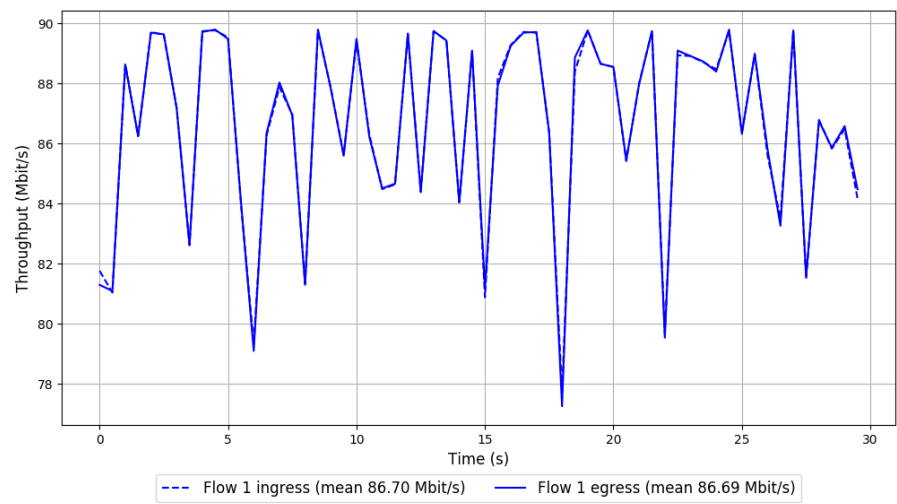
-- Flow 1:

Average throughput: 86.69 Mbit/s

95th percentile per-packet one-way delay: 2.936 ms

Loss rate: 0.00%

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

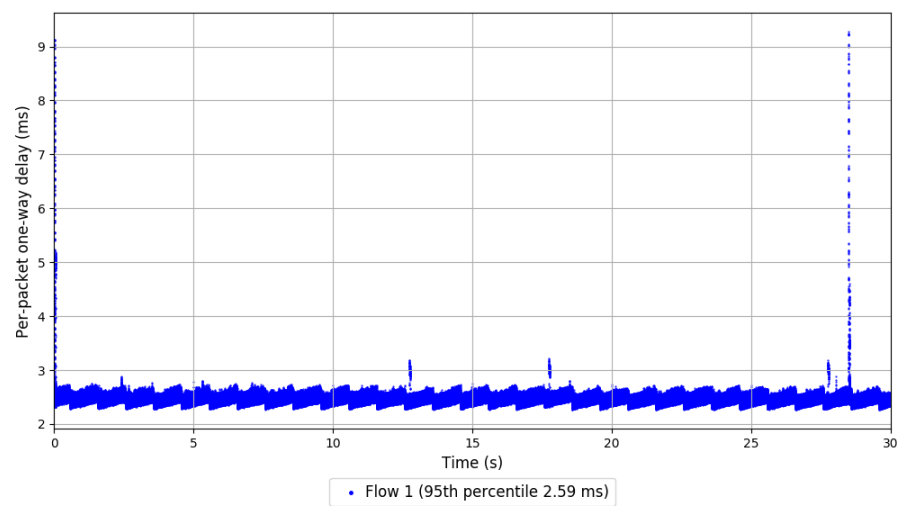
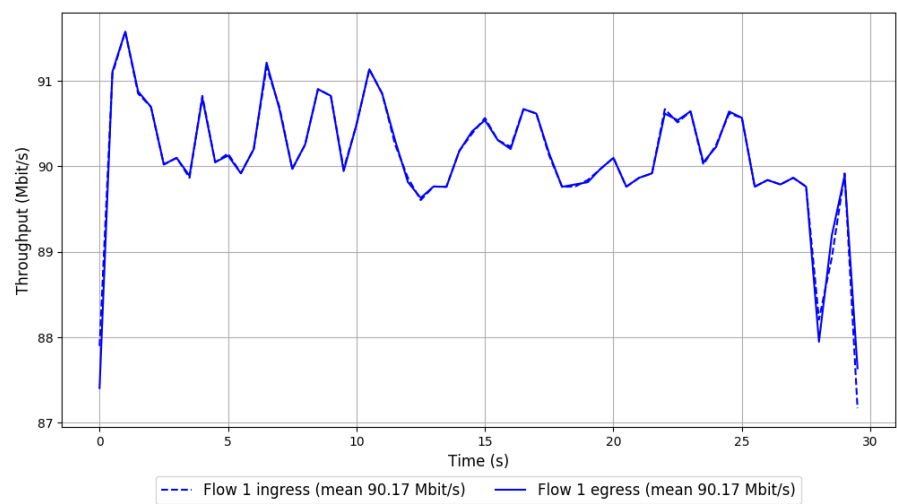


Run 5: Statistics of TaoVA-100x

Start at: 2018-03-13 05:45:47
End at: 2018-03-13 05:46:17
Local clock offset: -6.398 ms
Remote clock offset: -6.586 ms

Below is generated by plot.py at 2018-03-13 08:18:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.17 Mbit/s
95th percentile per-packet one-way delay: 2.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.17 Mbit/s
95th percentile per-packet one-way delay: 2.591 ms
Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-13 06:06:12

End at: 2018-03-13 06:06:42

Local clock offset: -6.836 ms

Remote clock offset: -6.918 ms

Below is generated by plot.py at 2018-03-13 08:18:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 2.533 ms

Loss rate: 0.00%

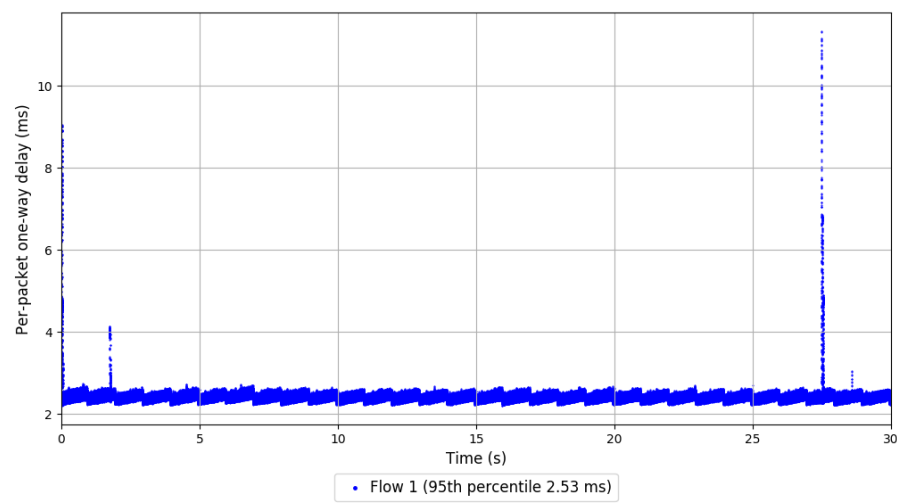
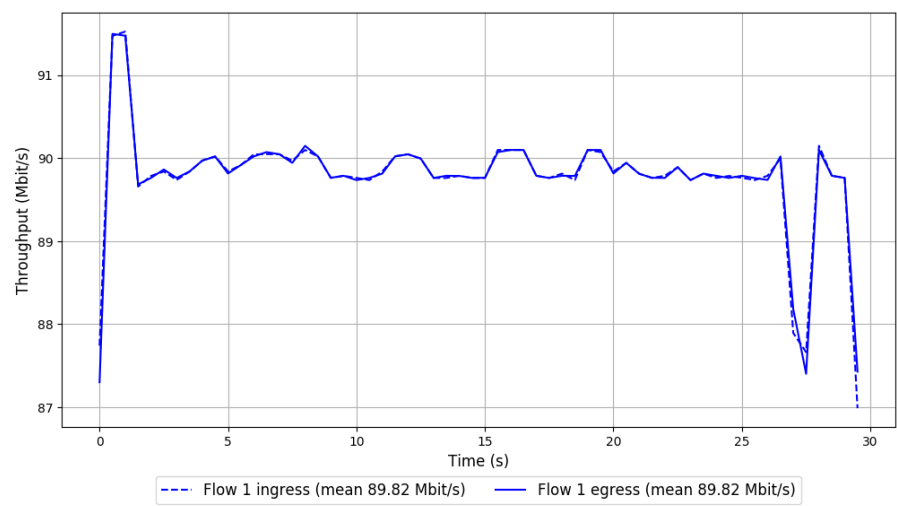
-- Flow 1:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 2.533 ms

Loss rate: 0.00%

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

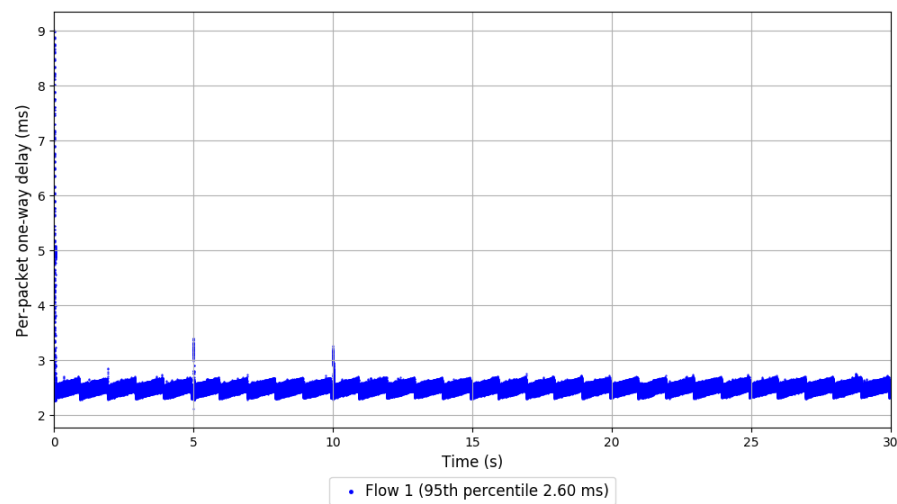
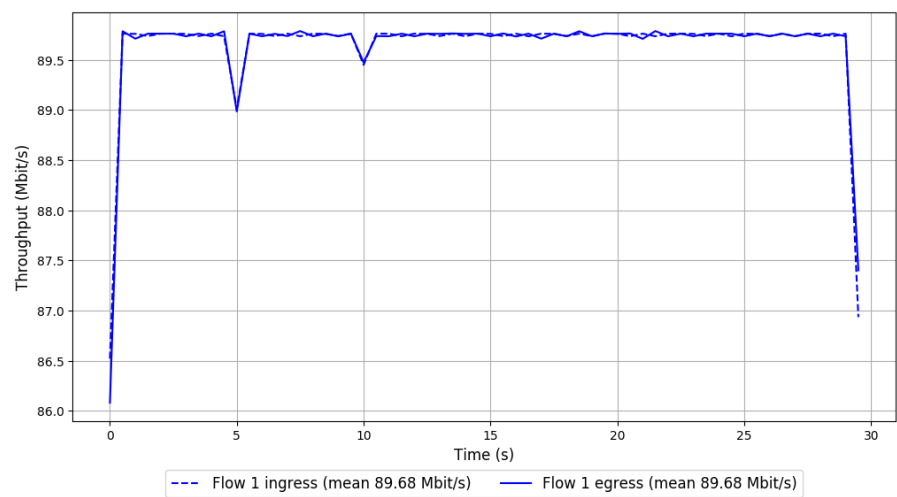


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-13 06:26:33
End at: 2018-03-13 06:27:03
Local clock offset: -4.796 ms
Remote clock offset: -7.018 ms

Below is generated by plot.py at 2018-03-13 08:19:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 2.603 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 2.603 ms
Loss rate: 0.00%

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

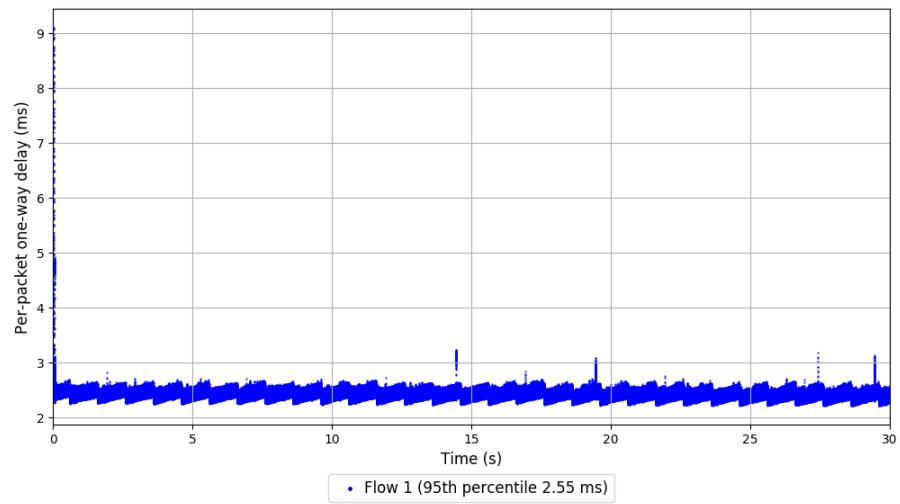
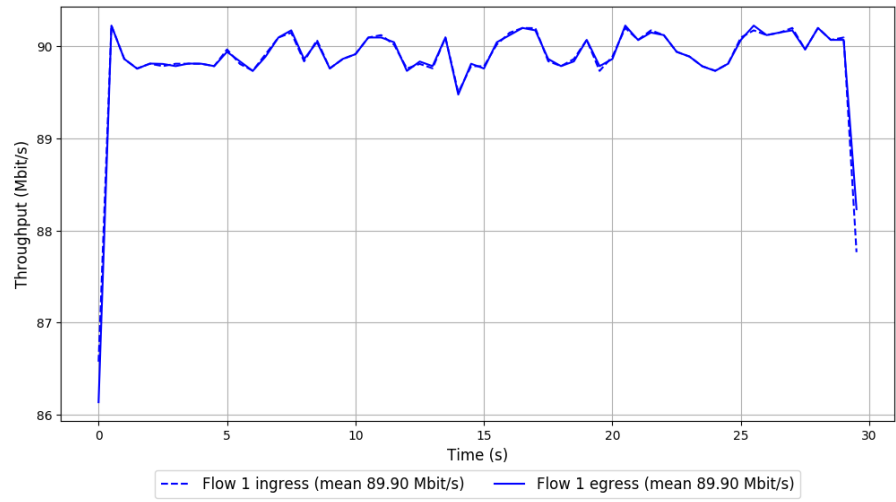


Run 8: Statistics of TaoVA-100x

Start at: 2018-03-13 06:46:57
End at: 2018-03-13 06:47:27
Local clock offset: -4.963 ms
Remote clock offset: -7.124 ms

Below is generated by plot.py at 2018-03-13 08:19:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 2.548 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 2.548 ms
Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-03-13 07:07:21

End at: 2018-03-13 07:07:51

Local clock offset: -5.788 ms

Remote clock offset: -7.509 ms

Below is generated by plot.py at 2018-03-13 08:21:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.31 Mbit/s

95th percentile per-packet one-way delay: 2.523 ms

Loss rate: 0.00%

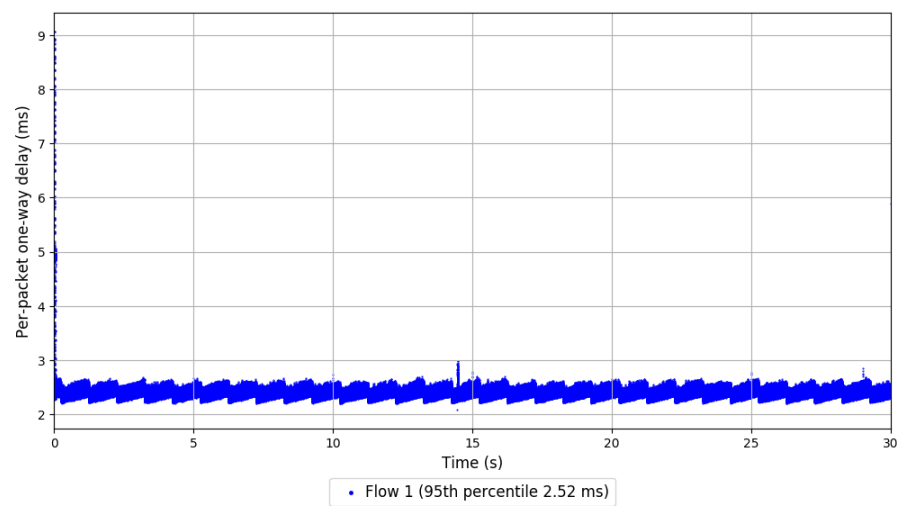
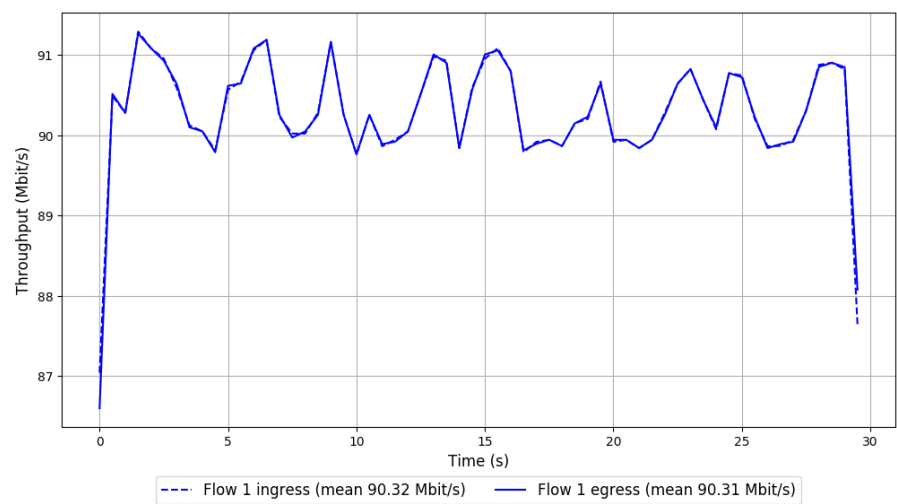
-- Flow 1:

Average throughput: 90.31 Mbit/s

95th percentile per-packet one-way delay: 2.523 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-13 07:27:46

End at: 2018-03-13 07:28:16

Local clock offset: -2.571 ms

Remote clock offset: -7.66 ms

Below is generated by plot.py at 2018-03-13 08:21:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.57 Mbit/s

95th percentile per-packet one-way delay: 2.709 ms

Loss rate: 0.00%

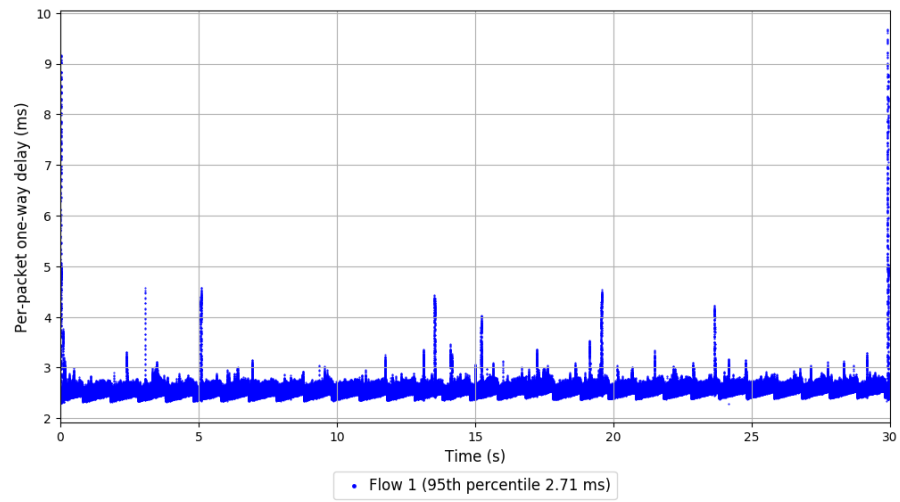
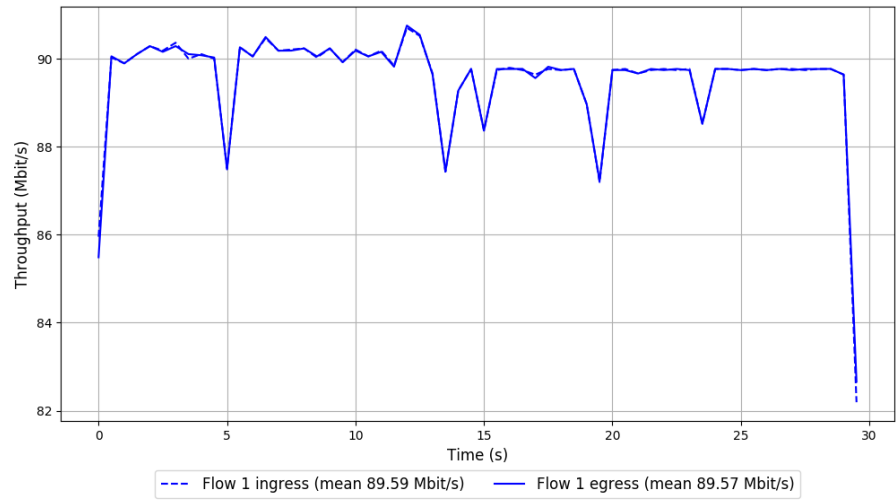
-- Flow 1:

Average throughput: 89.57 Mbit/s

95th percentile per-packet one-way delay: 2.709 ms

Loss rate: 0.00%

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

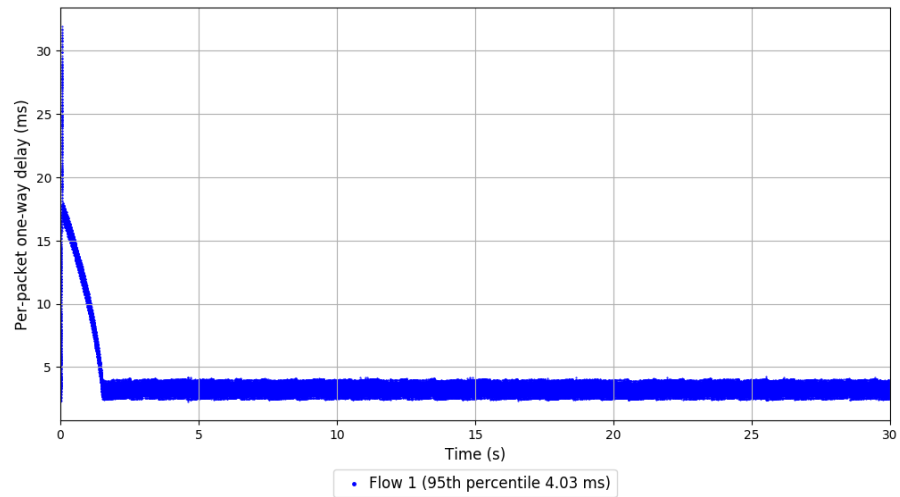
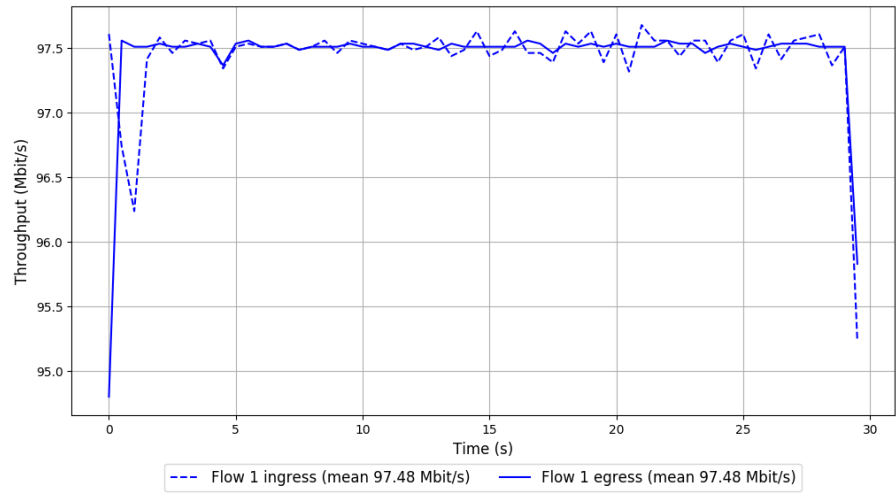


Run 1: Statistics of TCP Vegas

Start at: 2018-03-13 04:12:57
End at: 2018-03-13 04:13:27
Local clock offset: -7.484 ms
Remote clock offset: -6.094 ms

Below is generated by plot.py at 2018-03-13 08:21:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 4.033 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 4.033 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

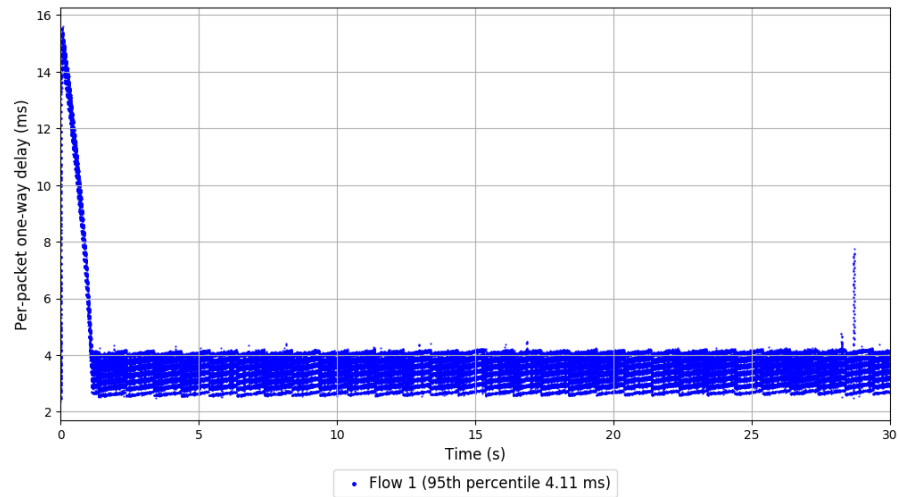
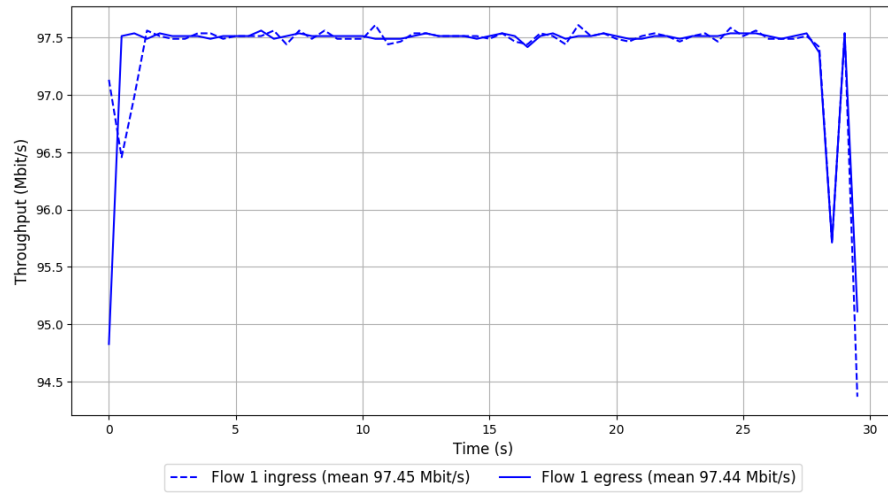


Run 2: Statistics of TCP Vegas

Start at: 2018-03-13 04:33:18
End at: 2018-03-13 04:33:48
Local clock offset: -6.053 ms
Remote clock offset: -6.119 ms

Below is generated by plot.py at 2018-03-13 08:21:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 4.108 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 4.108 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

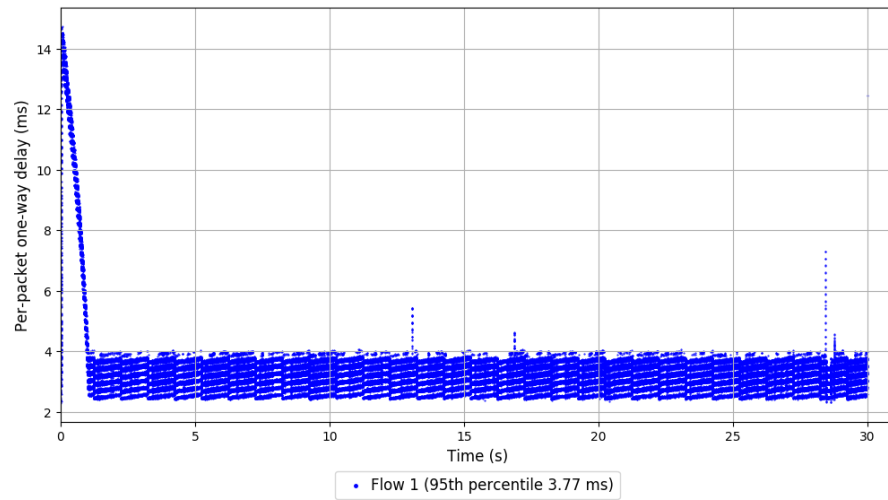
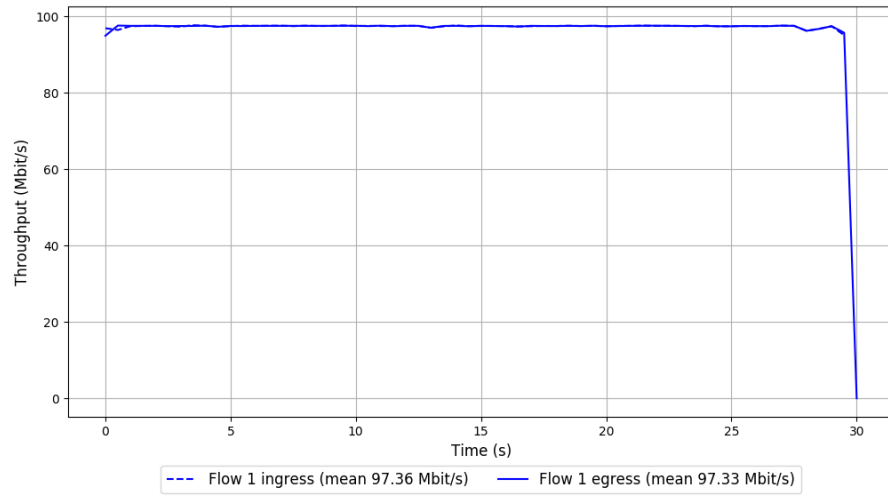


Run 3: Statistics of TCP Vegas

Start at: 2018-03-13 04:53:43
End at: 2018-03-13 04:54:13
Local clock offset: -4.663 ms
Remote clock offset: -6.455 ms

Below is generated by plot.py at 2018-03-13 08:21:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 3.769 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 3.769 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

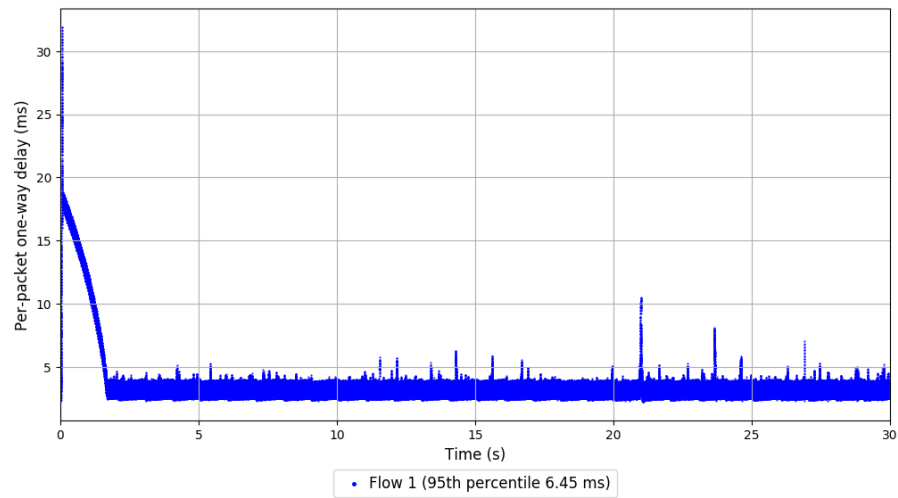
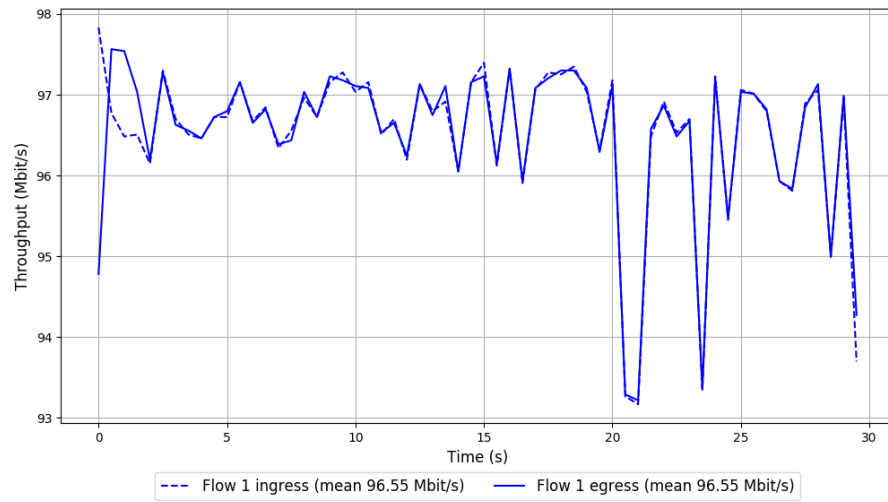


Run 4: Statistics of TCP Vegas

Start at: 2018-03-13 05:14:08
End at: 2018-03-13 05:14:38
Local clock offset: -5.35 ms
Remote clock offset: -6.535 ms

Below is generated by plot.py at 2018-03-13 08:21:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 6.450 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 6.450 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

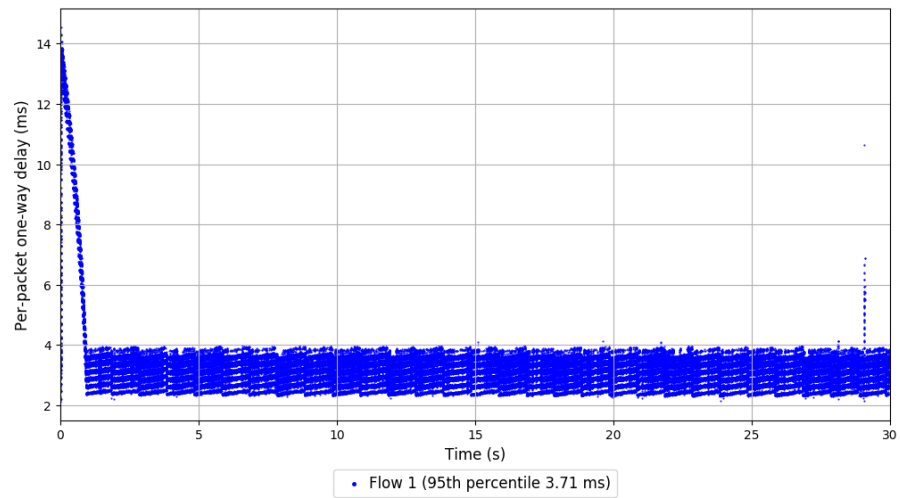
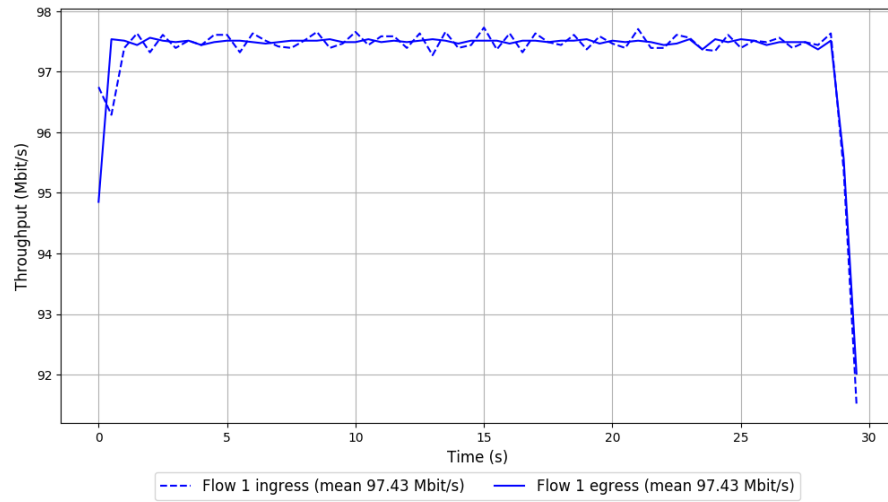


Run 5: Statistics of TCP Vegas

Start at: 2018-03-13 05:34:31
End at: 2018-03-13 05:35:01
Local clock offset: -5.678 ms
Remote clock offset: -6.543 ms

Below is generated by plot.py at 2018-03-13 08:21:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 3.708 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 3.708 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

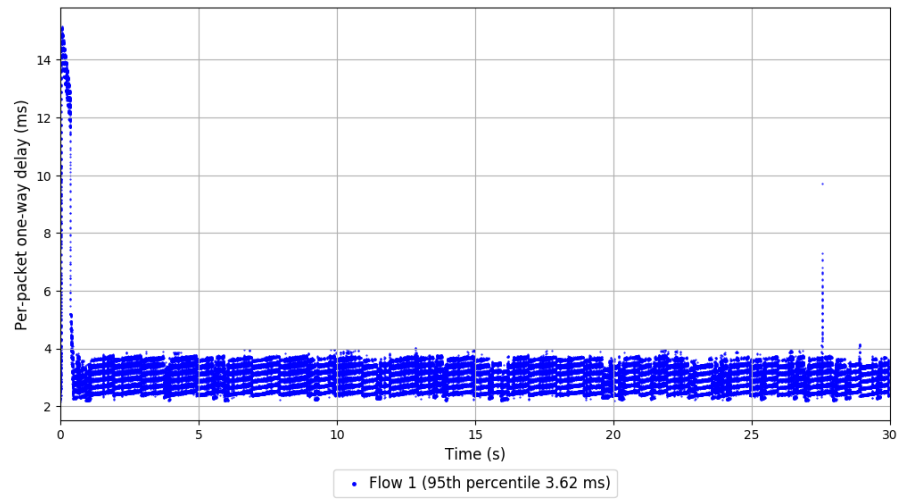
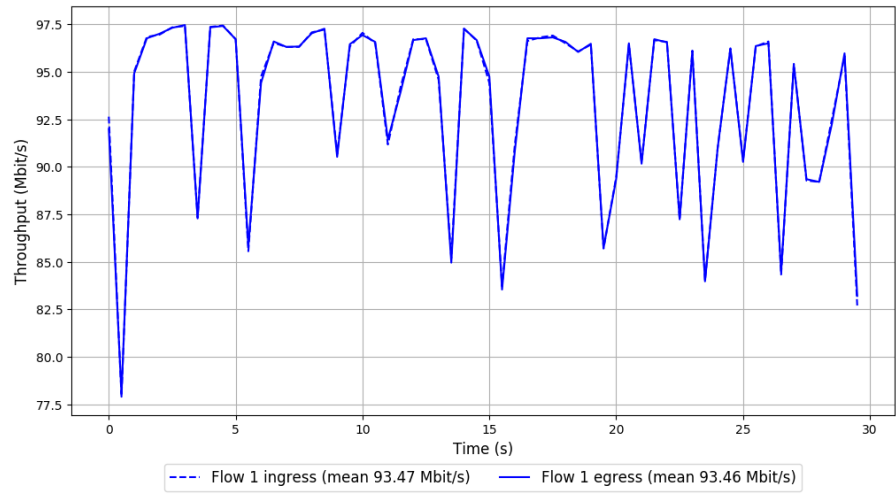


Run 6: Statistics of TCP Vegas

Start at: 2018-03-13 05:54:56
End at: 2018-03-13 05:55:26
Local clock offset: -6.591 ms
Remote clock offset: -6.769 ms

Below is generated by plot.py at 2018-03-13 08:21:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.46 Mbit/s
95th percentile per-packet one-way delay: 3.619 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.46 Mbit/s
95th percentile per-packet one-way delay: 3.619 ms
Loss rate: 0.01%

Run 6: Report of TCP Vegas — Data Link

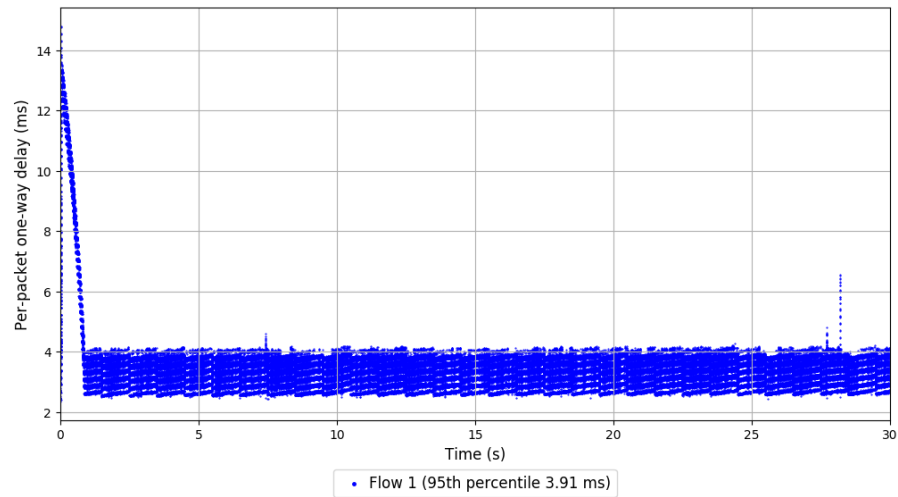
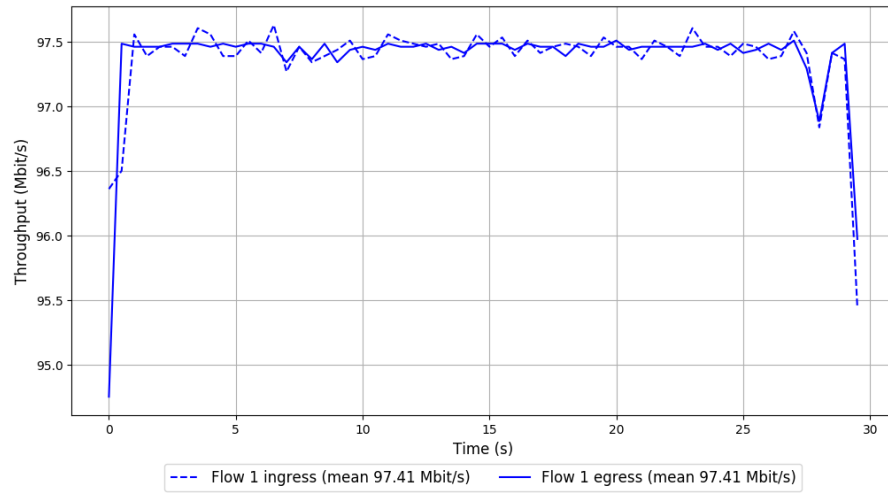


Run 7: Statistics of TCP Vegas

Start at: 2018-03-13 06:15:16
End at: 2018-03-13 06:15:46
Local clock offset: -5.731 ms
Remote clock offset: -7.006 ms

Below is generated by plot.py at 2018-03-13 08:21:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 3.909 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 3.909 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

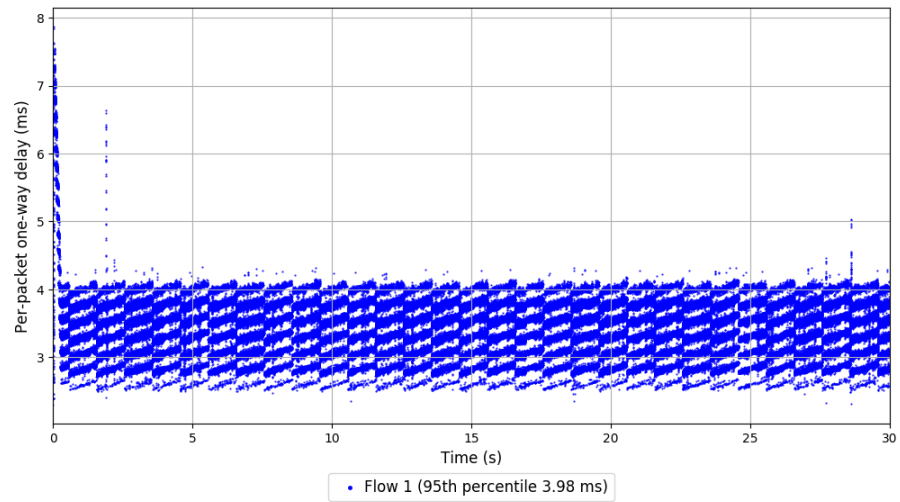
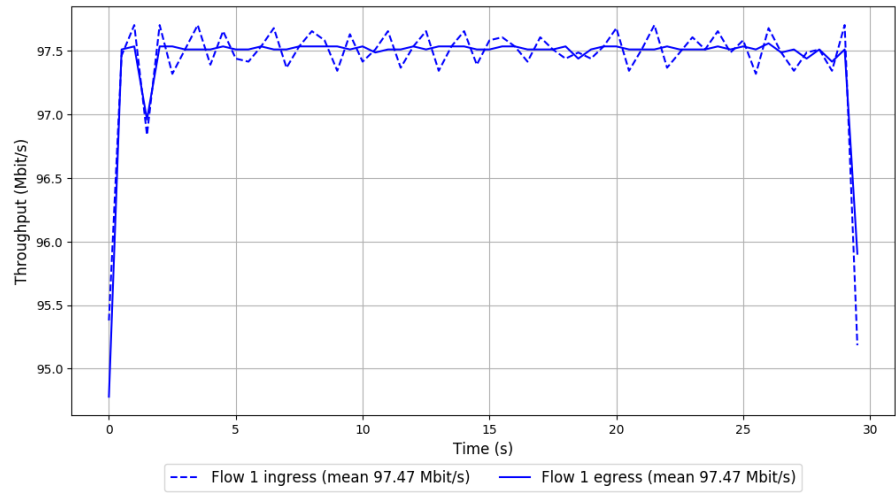


Run 8: Statistics of TCP Vegas

Start at: 2018-03-13 06:35:41
End at: 2018-03-13 06:36:11
Local clock offset: -4.524 ms
Remote clock offset: -7.035 ms

Below is generated by plot.py at 2018-03-13 08:21:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 3.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 3.976 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

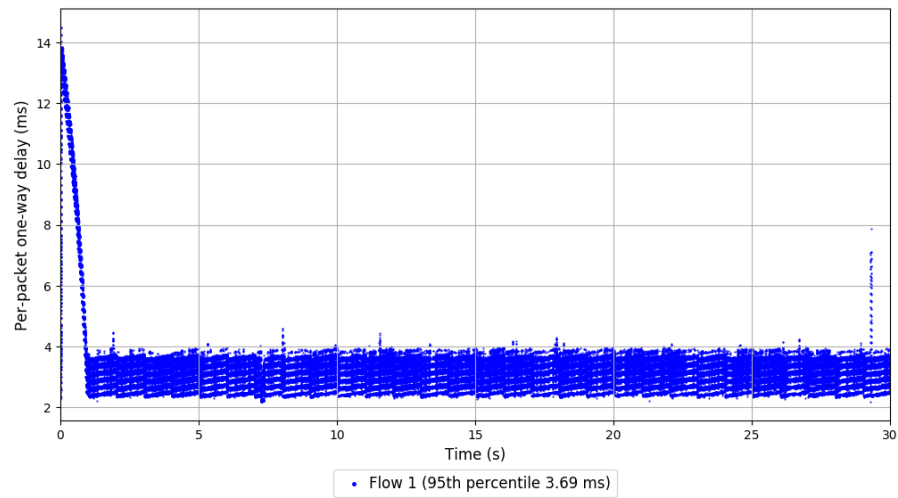
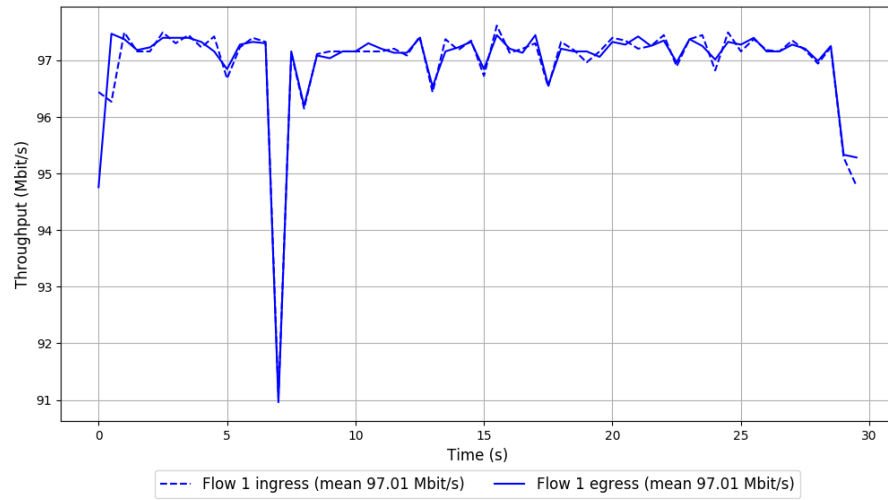


Run 9: Statistics of TCP Vegas

Start at: 2018-03-13 06:56:06
End at: 2018-03-13 06:56:36
Local clock offset: -5.473 ms
Remote clock offset: -7.208 ms

Below is generated by plot.py at 2018-03-13 08:21:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 3.692 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 3.692 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-03-13 07:16:29

End at: 2018-03-13 07:16:59

Local clock offset: -5.822 ms

Remote clock offset: -7.559 ms

Below is generated by plot.py at 2018-03-13 08:21:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 4.078 ms

Loss rate: 0.00%

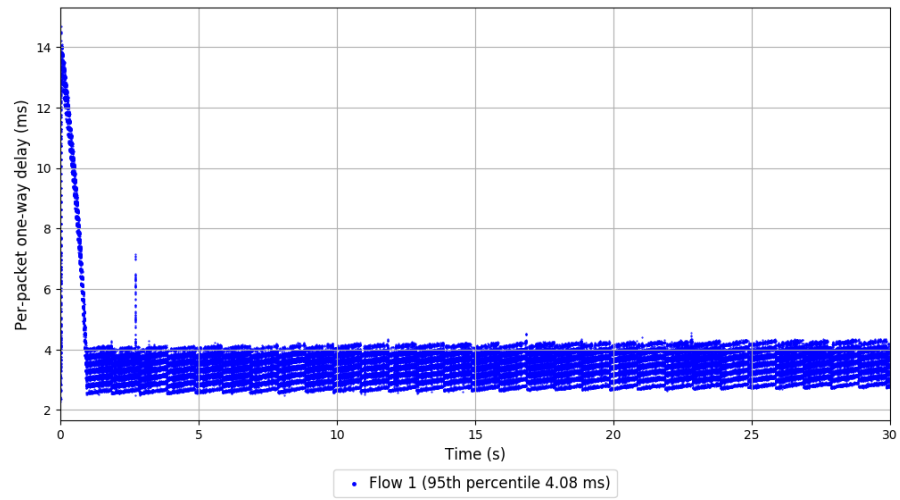
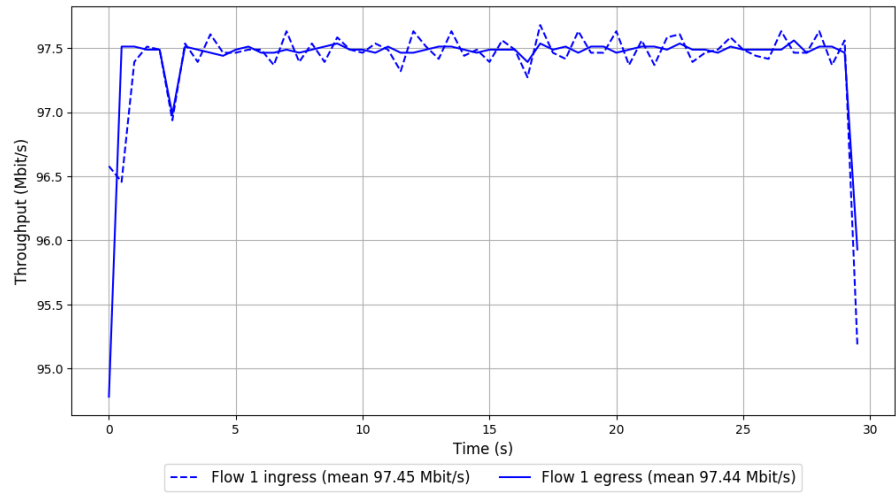
-- Flow 1:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 4.078 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

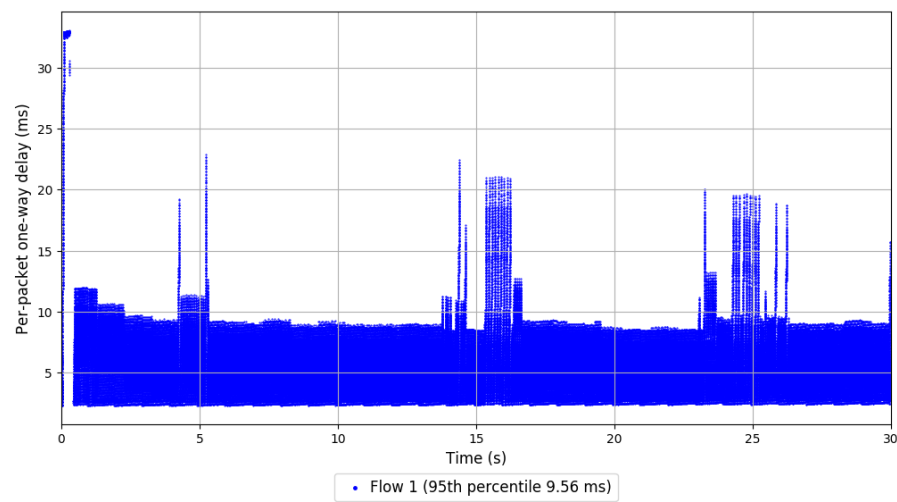
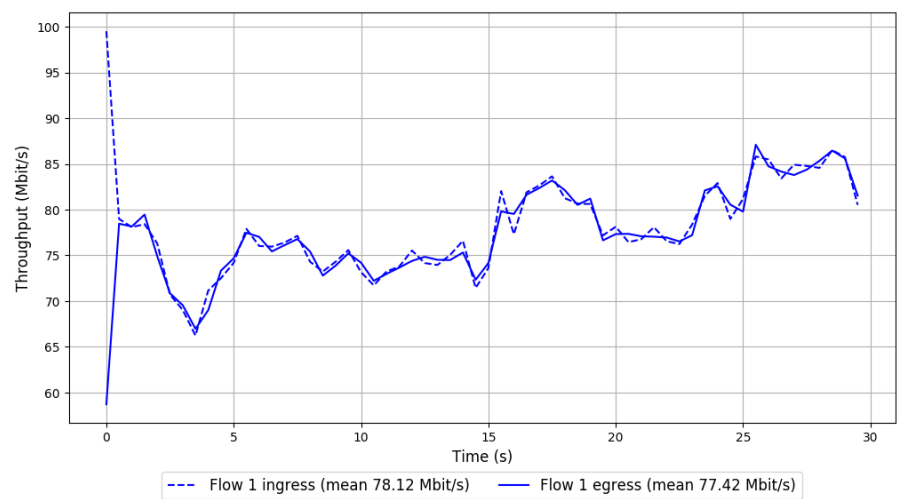


Run 1: Statistics of Verus

Start at: 2018-03-13 04:28:46
End at: 2018-03-13 04:29:16
Local clock offset: -6.984 ms
Remote clock offset: -6.119 ms

Below is generated by plot.py at 2018-03-13 08:22:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.42 Mbit/s
95th percentile per-packet one-way delay: 9.556 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 77.42 Mbit/s
95th percentile per-packet one-way delay: 9.556 ms
Loss rate: 0.86%

Run 1: Report of Verus — Data Link

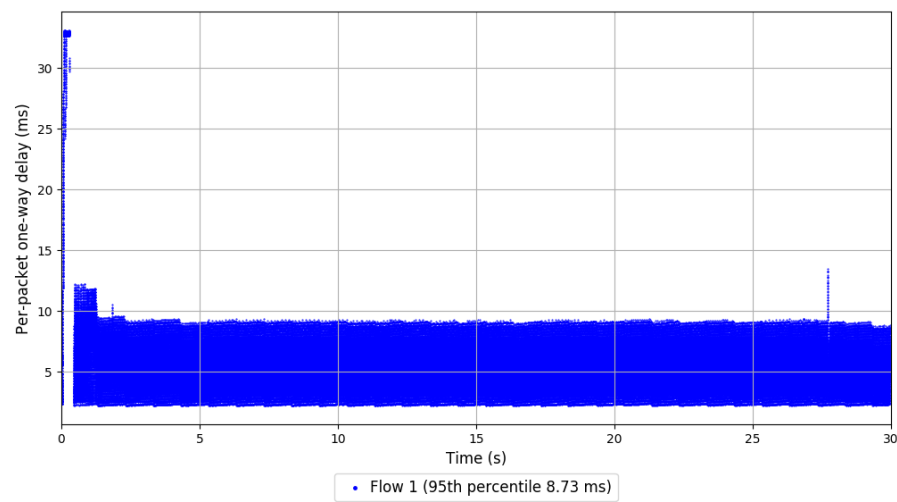
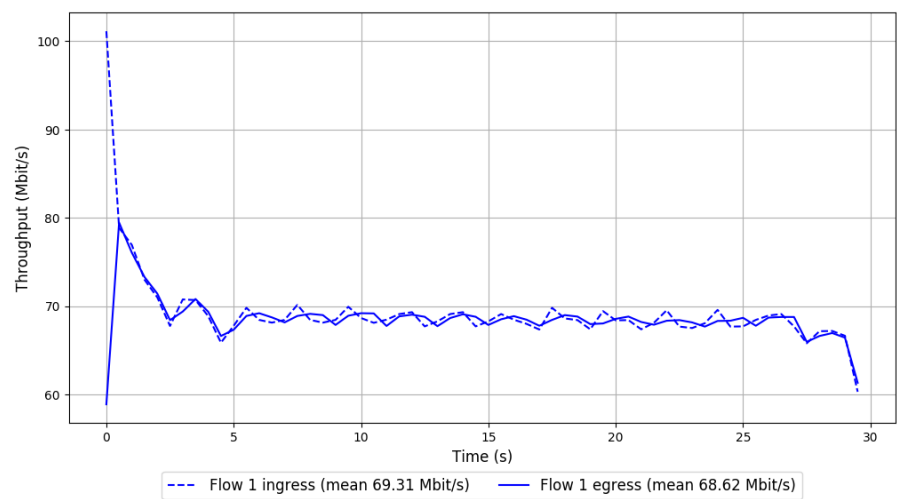


Run 2: Statistics of Verus

Start at: 2018-03-13 04:49:11
End at: 2018-03-13 04:49:41
Local clock offset: -4.791 ms
Remote clock offset: -6.469 ms

Below is generated by plot.py at 2018-03-13 08:22:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.62 Mbit/s
95th percentile per-packet one-way delay: 8.730 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 68.62 Mbit/s
95th percentile per-packet one-way delay: 8.730 ms
Loss rate: 0.99%

Run 2: Report of Verus — Data Link

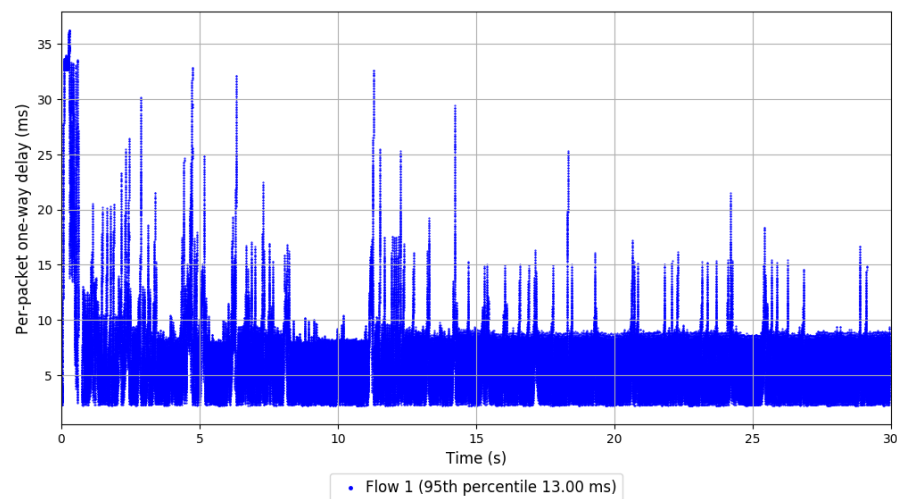
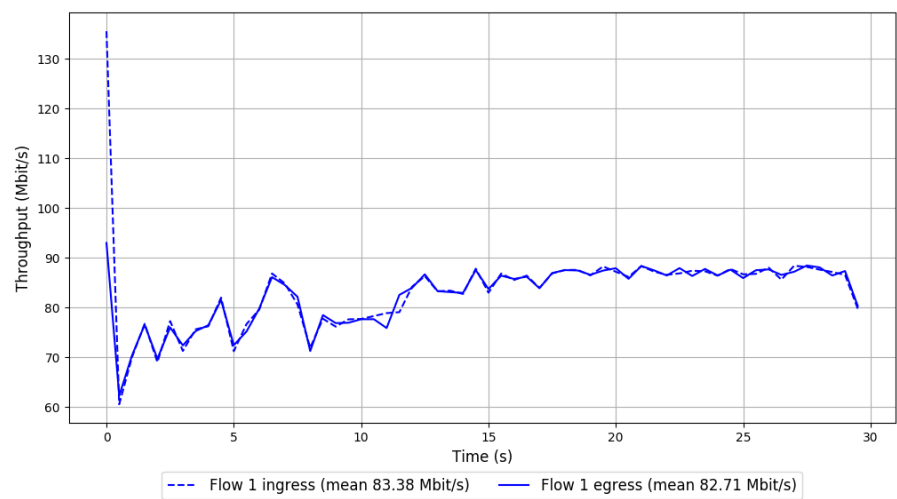


Run 3: Statistics of Verus

Start at: 2018-03-13 05:09:36
End at: 2018-03-13 05:10:06
Local clock offset: -5.335 ms
Remote clock offset: -6.594 ms

Below is generated by plot.py at 2018-03-13 08:22:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.71 Mbit/s
95th percentile per-packet one-way delay: 13.003 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 82.71 Mbit/s
95th percentile per-packet one-way delay: 13.003 ms
Loss rate: 0.80%

Run 3: Report of Verus — Data Link

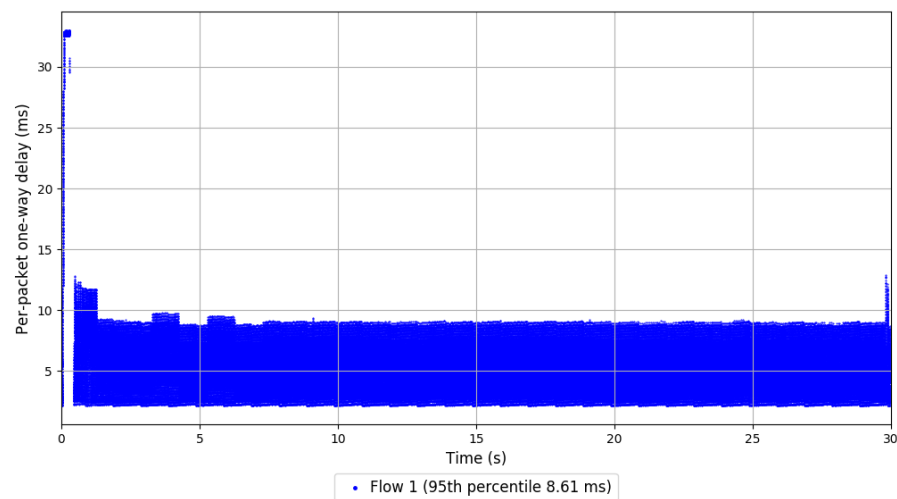
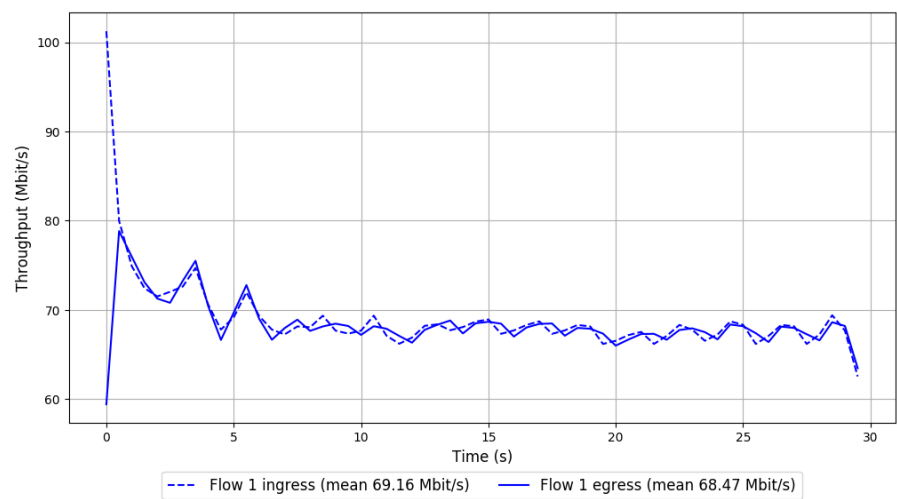


Run 4: Statistics of Verus

Start at: 2018-03-13 05:29:59
End at: 2018-03-13 05:30:29
Local clock offset: -5.608 ms
Remote clock offset: -6.567 ms

Below is generated by plot.py at 2018-03-13 08:22:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.47 Mbit/s
95th percentile per-packet one-way delay: 8.608 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 68.47 Mbit/s
95th percentile per-packet one-way delay: 8.608 ms
Loss rate: 0.99%

Run 4: Report of Verus — Data Link

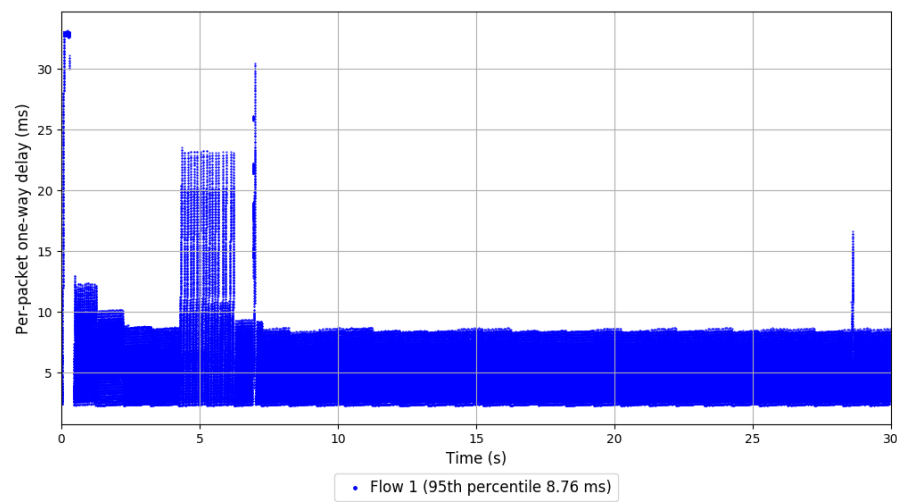
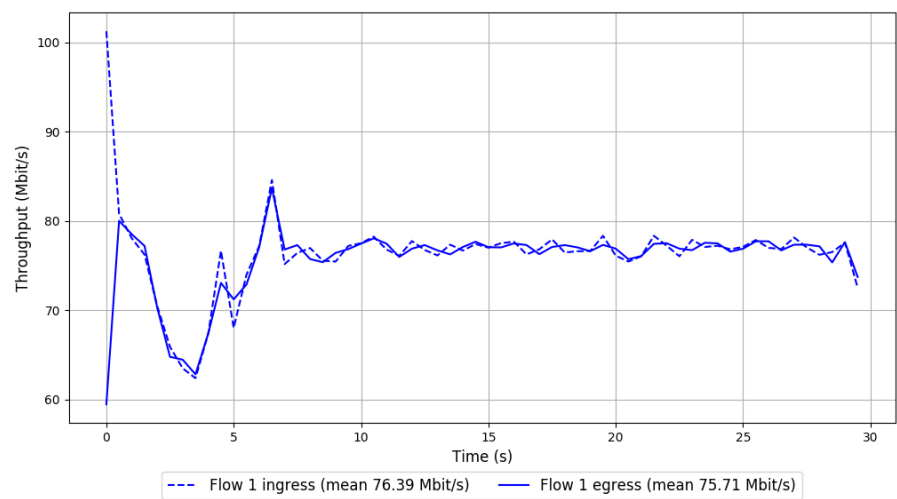


Run 5: Statistics of Verus

Start at: 2018-03-13 05:50:24
End at: 2018-03-13 05:50:54
Local clock offset: -6.583 ms
Remote clock offset: -6.673 ms

Below is generated by plot.py at 2018-03-13 08:23:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.71 Mbit/s
95th percentile per-packet one-way delay: 8.763 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 75.71 Mbit/s
95th percentile per-packet one-way delay: 8.763 ms
Loss rate: 0.90%

Run 5: Report of Verus — Data Link

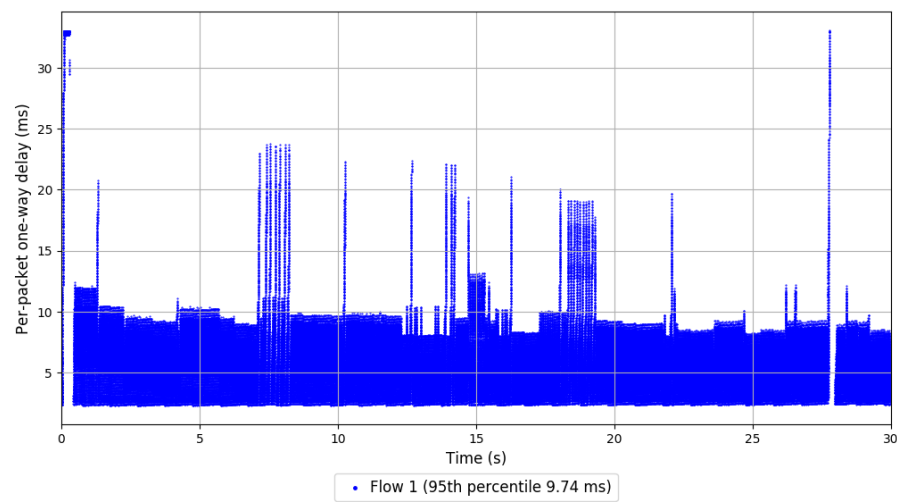
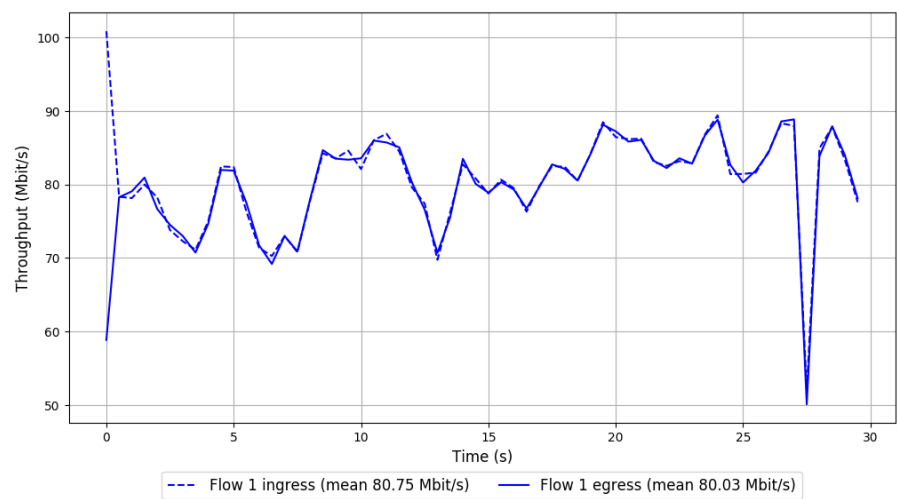


Run 6: Statistics of Verus

Start at: 2018-03-13 06:10:48
End at: 2018-03-13 06:11:19
Local clock offset: -6.346 ms
Remote clock offset: -6.958 ms

Below is generated by plot.py at 2018-03-13 08:23:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.03 Mbit/s
95th percentile per-packet one-way delay: 9.736 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 80.03 Mbit/s
95th percentile per-packet one-way delay: 9.736 ms
Loss rate: 0.88%

Run 6: Report of Verus — Data Link

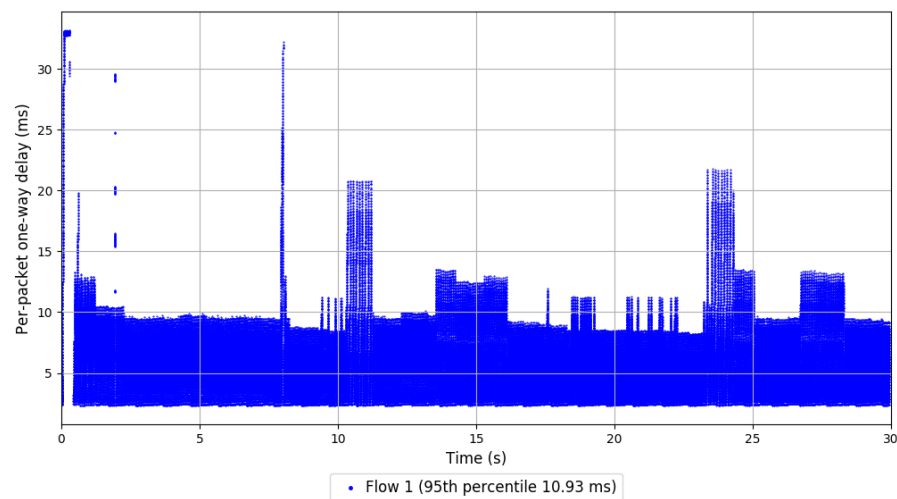
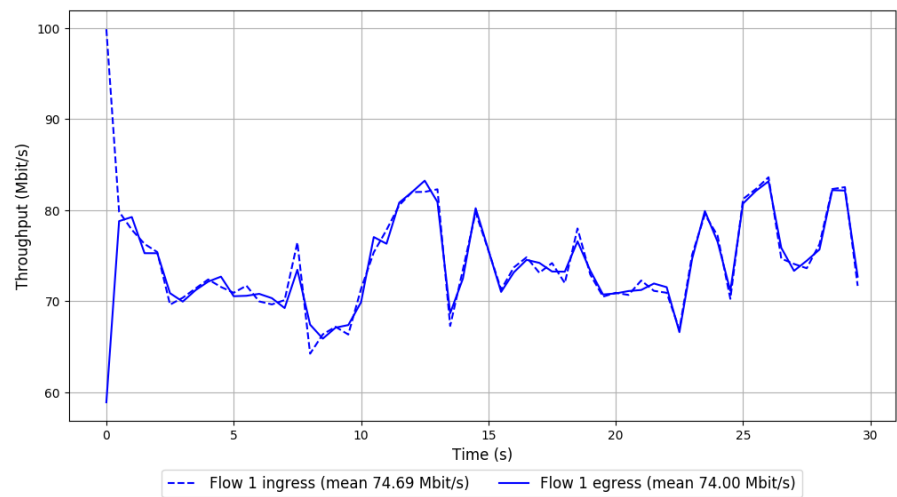


Run 7: Statistics of Verus

Start at: 2018-03-13 06:31:09
End at: 2018-03-13 06:31:39
Local clock offset: -4.682 ms
Remote clock offset: -7.021 ms

Below is generated by plot.py at 2018-03-13 08:23:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.00 Mbit/s
95th percentile per-packet one-way delay: 10.930 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 74.00 Mbit/s
95th percentile per-packet one-way delay: 10.930 ms
Loss rate: 0.91%

Run 7: Report of Verus — Data Link

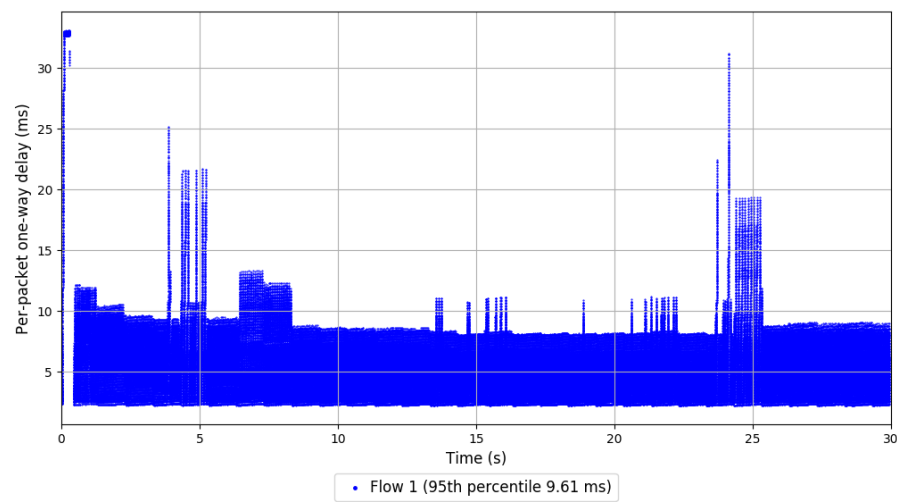
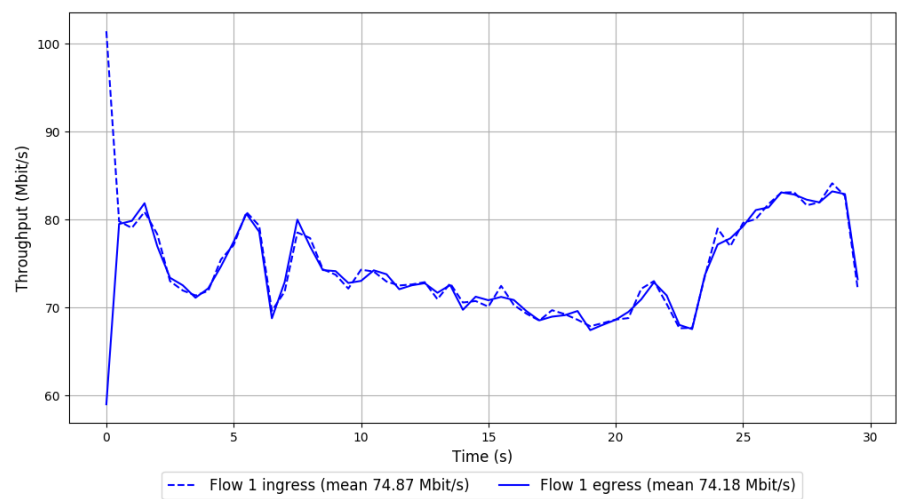


Run 8: Statistics of Verus

Start at: 2018-03-13 06:51:33
End at: 2018-03-13 06:52:03
Local clock offset: -5.333 ms
Remote clock offset: -7.148 ms

Below is generated by plot.py at 2018-03-13 08:23:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.18 Mbit/s
95th percentile per-packet one-way delay: 9.610 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 74.18 Mbit/s
95th percentile per-packet one-way delay: 9.610 ms
Loss rate: 0.92%

Run 8: Report of Verus — Data Link

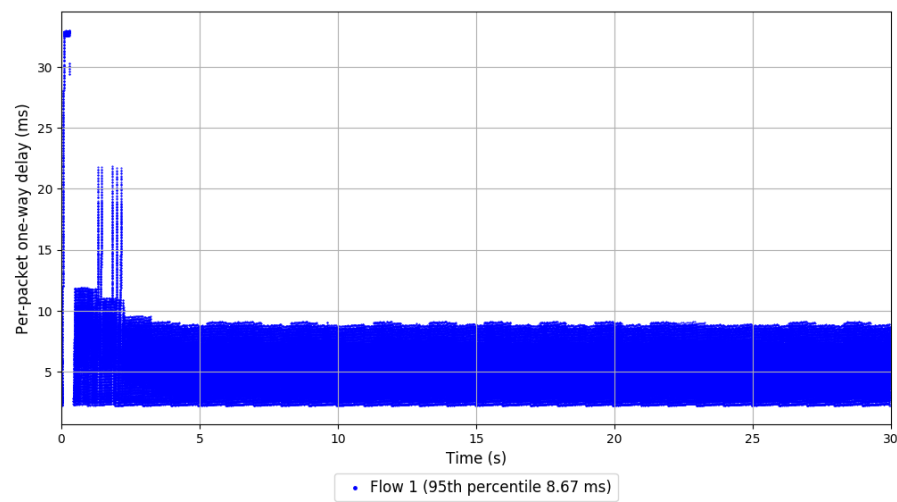
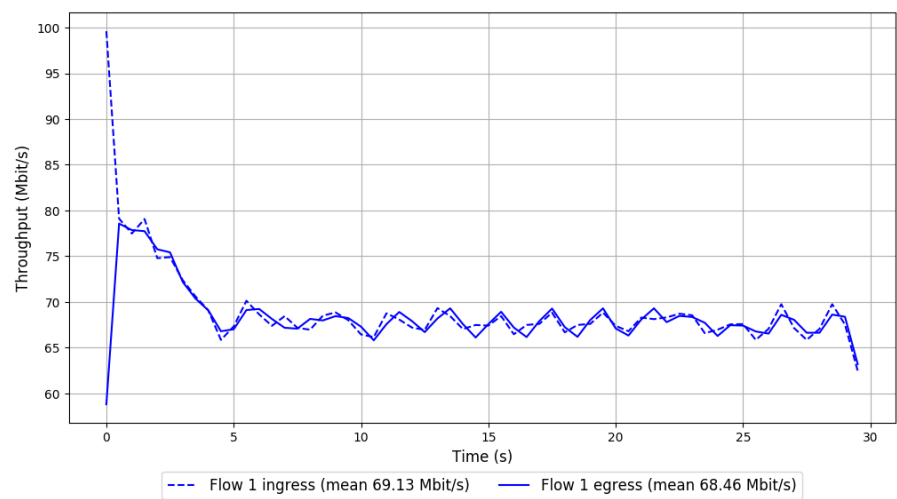


Run 9: Statistics of Verus

Start at: 2018-03-13 07:11:57
End at: 2018-03-13 07:12:27
Local clock offset: -5.849 ms
Remote clock offset: -7.554 ms

Below is generated by plot.py at 2018-03-13 08:23:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.46 Mbit/s
95th percentile per-packet one-way delay: 8.669 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 68.46 Mbit/s
95th percentile per-packet one-way delay: 8.669 ms
Loss rate: 0.97%

Run 9: Report of Verus — Data Link

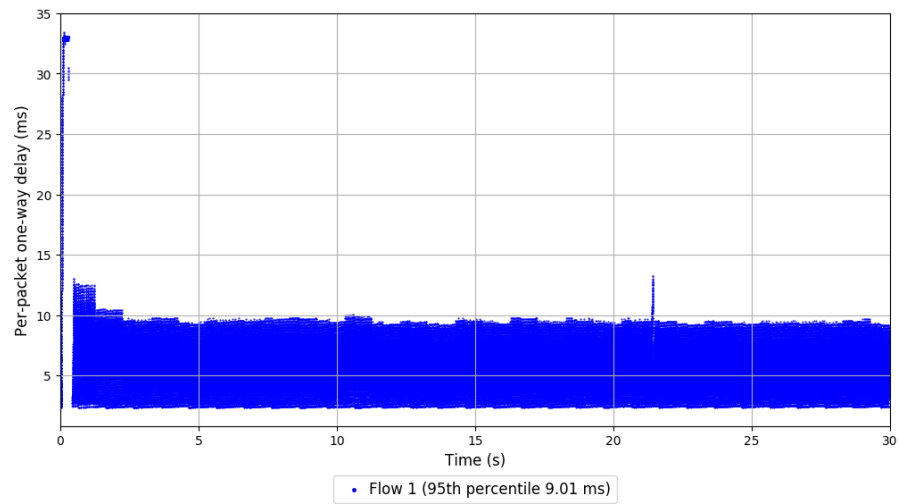
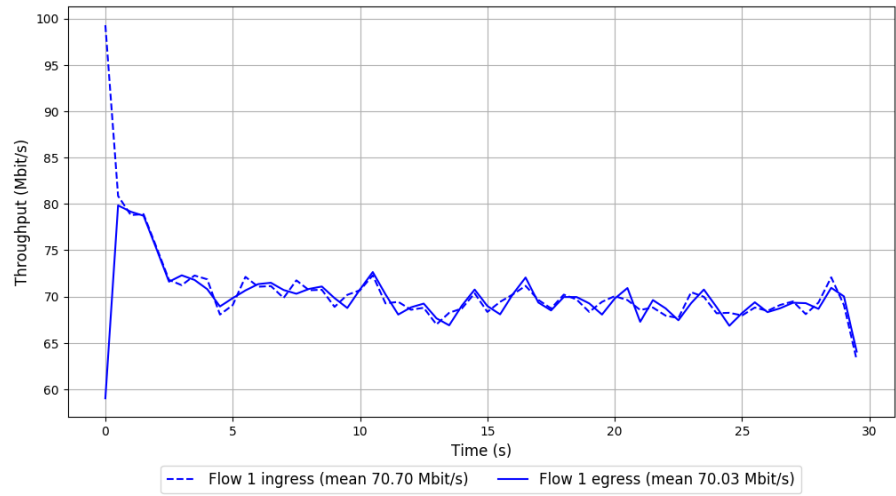


Run 10: Statistics of Verus

Start at: 2018-03-13 07:32:22
End at: 2018-03-13 07:32:52
Local clock offset: -2.028 ms
Remote clock offset: -7.512 ms

Below is generated by plot.py at 2018-03-13 08:23:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.03 Mbit/s
95th percentile per-packet one-way delay: 9.009 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 70.03 Mbit/s
95th percentile per-packet one-way delay: 9.009 ms
Loss rate: 0.95%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-03-13 04:29:54

End at: 2018-03-13 04:30:24

Local clock offset: -6.657 ms

Remote clock offset: -6.18 ms

Below is generated by plot.py at 2018-03-13 08:24:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.15 Mbit/s

95th percentile per-packet one-way delay: 4.799 ms

Loss rate: 0.01%

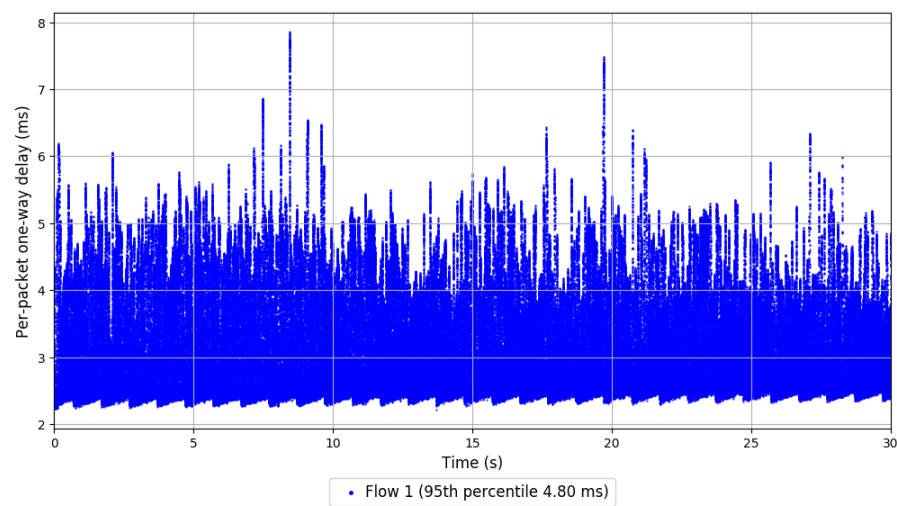
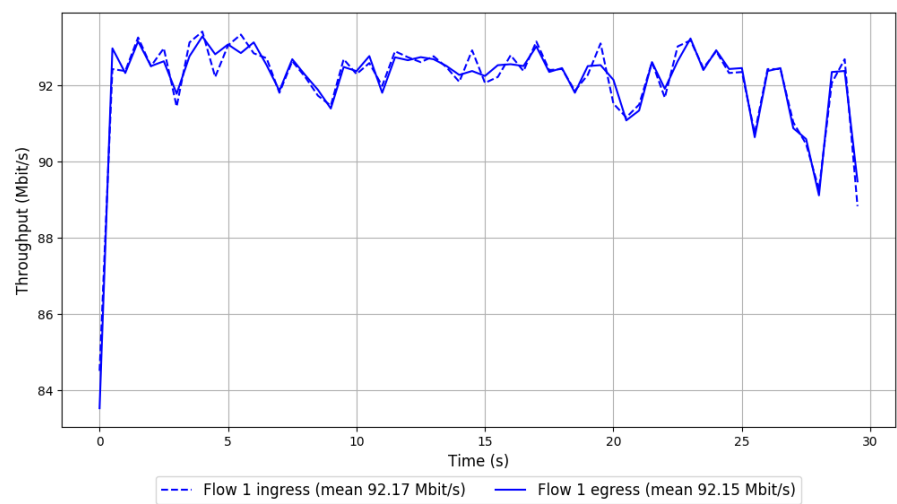
-- Flow 1:

Average throughput: 92.15 Mbit/s

95th percentile per-packet one-way delay: 4.799 ms

Loss rate: 0.01%

Run 1: Report of Copa — Data Link

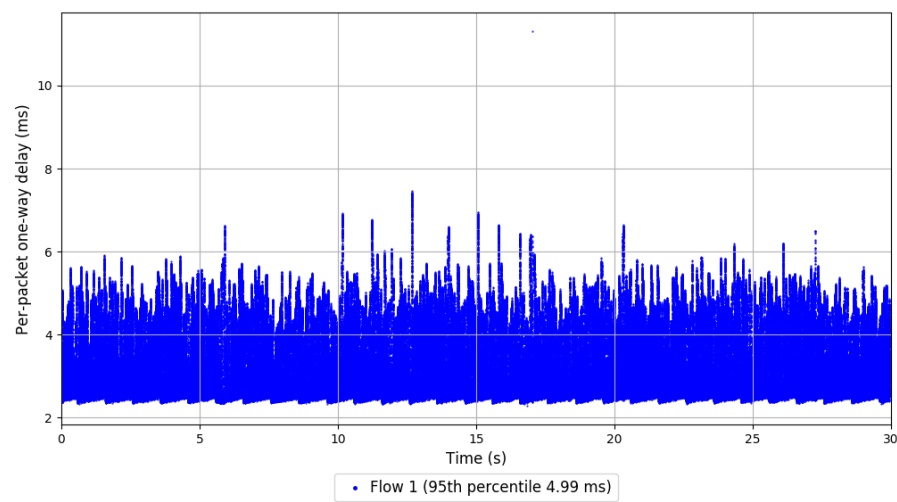
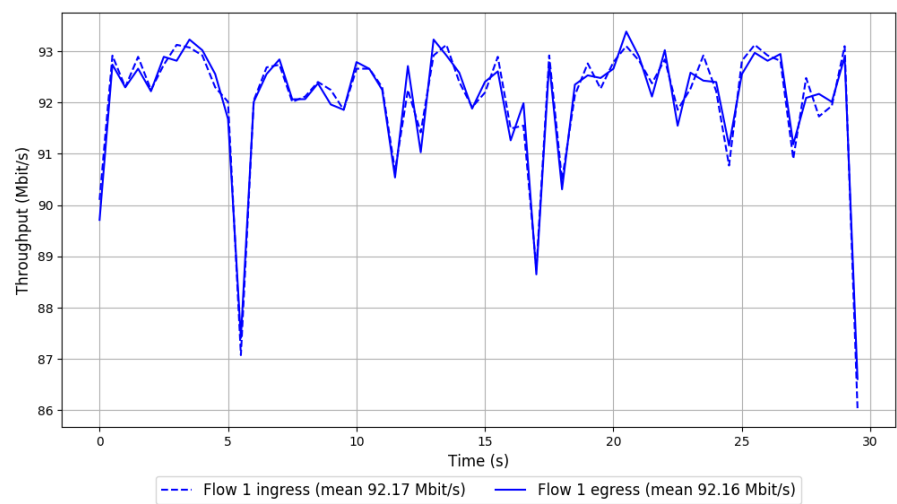


Run 2: Statistics of Copa

Start at: 2018-03-13 04:50:18
End at: 2018-03-13 04:50:48
Local clock offset: -4.781 ms
Remote clock offset: -6.409 ms

Below is generated by plot.py at 2018-03-13 08:25:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.16 Mbit/s
95th percentile per-packet one-way delay: 4.988 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.16 Mbit/s
95th percentile per-packet one-way delay: 4.988 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

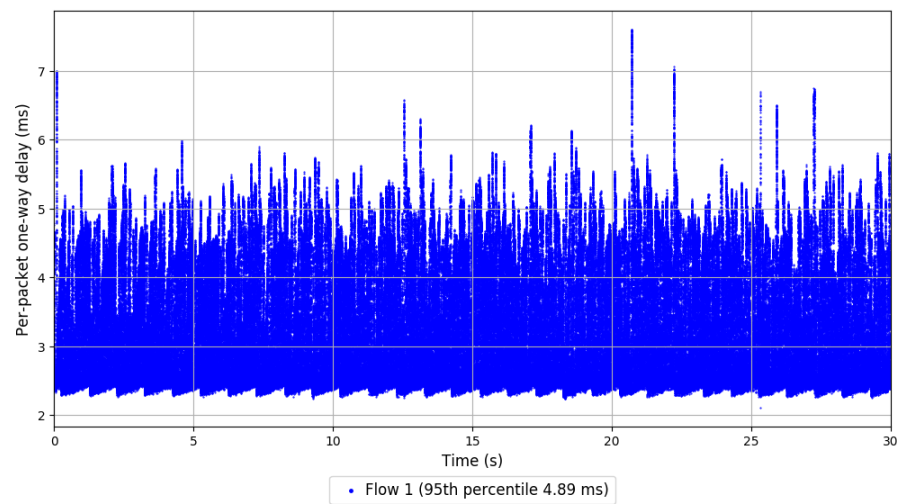
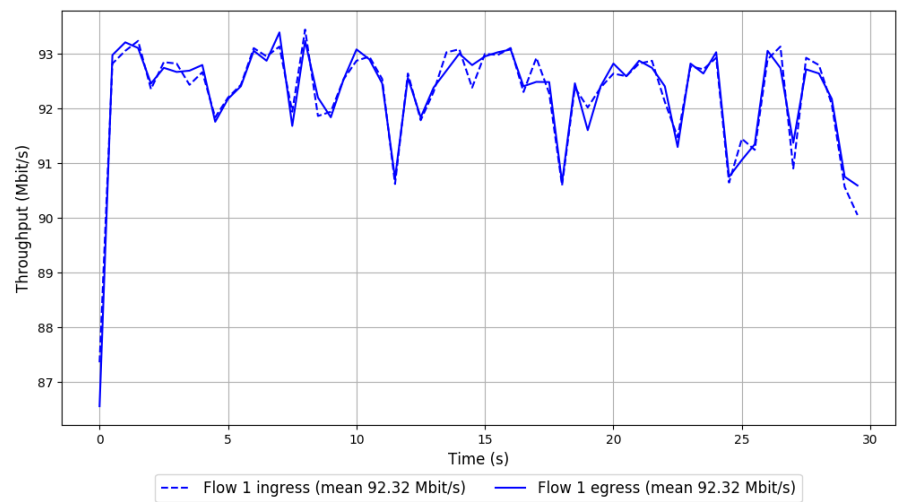


Run 3: Statistics of Copa

Start at: 2018-03-13 05:10:44
End at: 2018-03-13 05:11:14
Local clock offset: -5.331 ms
Remote clock offset: -6.578 ms

Below is generated by plot.py at 2018-03-13 08:25:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.32 Mbit/s
95th percentile per-packet one-way delay: 4.891 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.32 Mbit/s
95th percentile per-packet one-way delay: 4.891 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

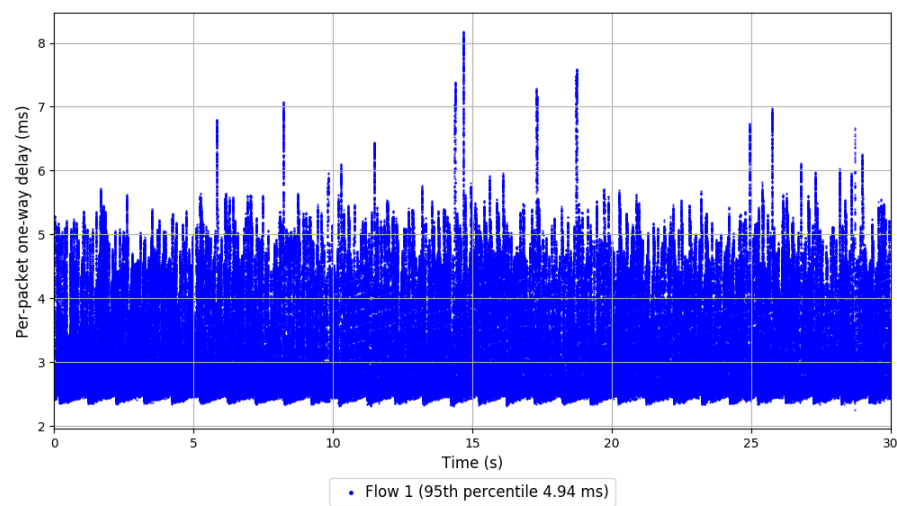
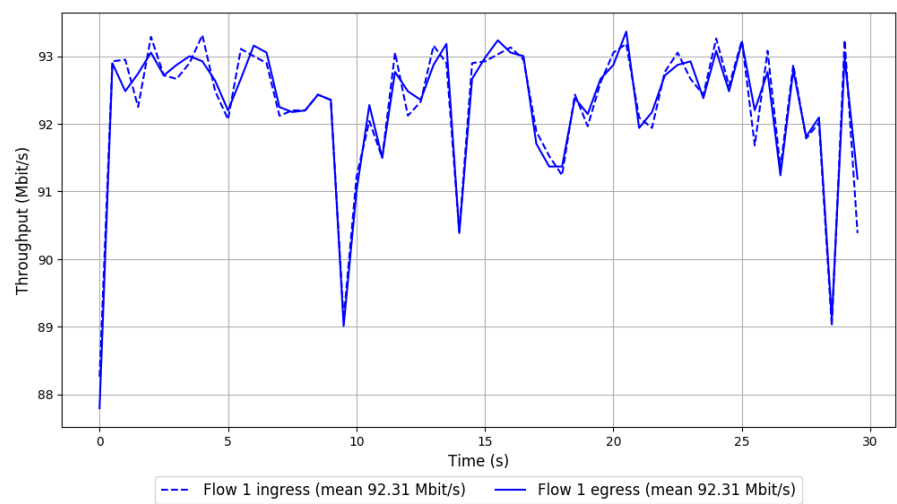


Run 4: Statistics of Copa

Start at: 2018-03-13 05:31:06
End at: 2018-03-13 05:31:36
Local clock offset: -5.745 ms
Remote clock offset: -6.558 ms

Below is generated by plot.py at 2018-03-13 08:25:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 4.937 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 4.937 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

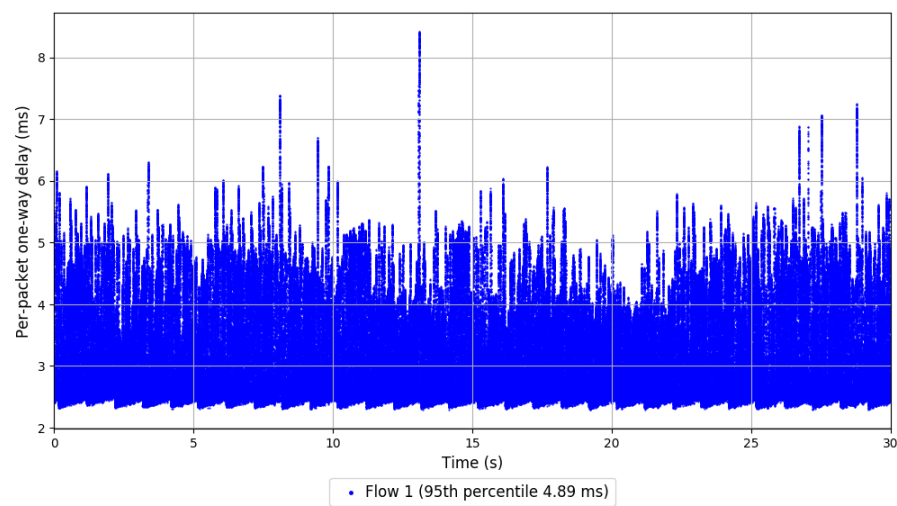
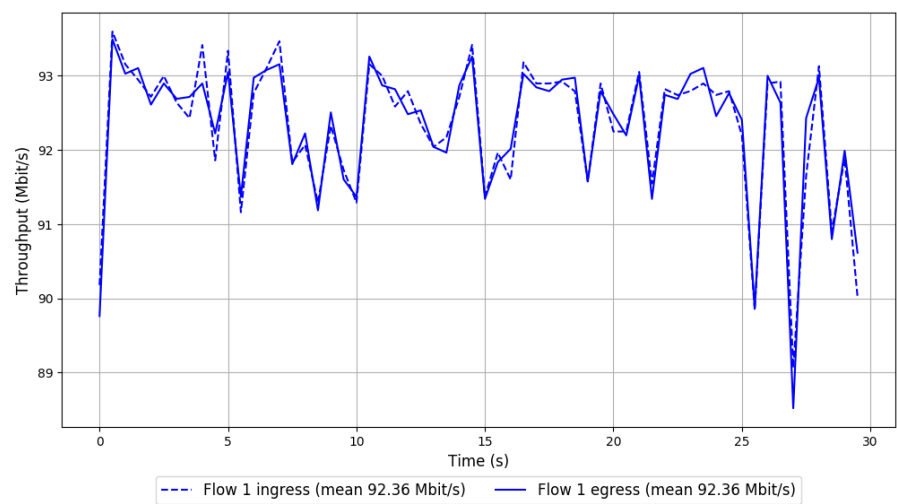


Run 5: Statistics of Copa

Start at: 2018-03-13 05:51:32
End at: 2018-03-13 05:52:02
Local clock offset: -6.589 ms
Remote clock offset: -6.719 ms

Below is generated by plot.py at 2018-03-13 08:25:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.36 Mbit/s
95th percentile per-packet one-way delay: 4.889 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.36 Mbit/s
95th percentile per-packet one-way delay: 4.889 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-03-13 06:11:57

End at: 2018-03-13 06:12:27

Local clock offset: -6.223 ms

Remote clock offset: -6.98 ms

Below is generated by plot.py at 2018-03-13 08:25:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.16 Mbit/s

95th percentile per-packet one-way delay: 5.029 ms

Loss rate: 0.00%

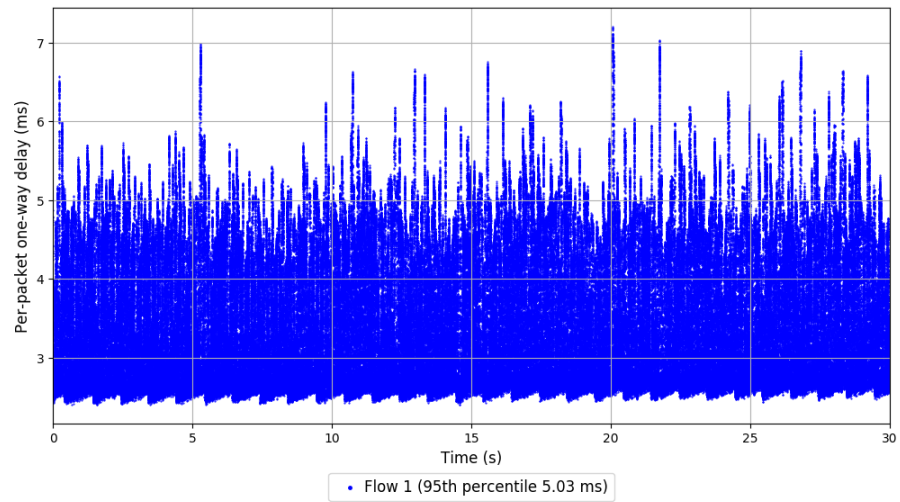
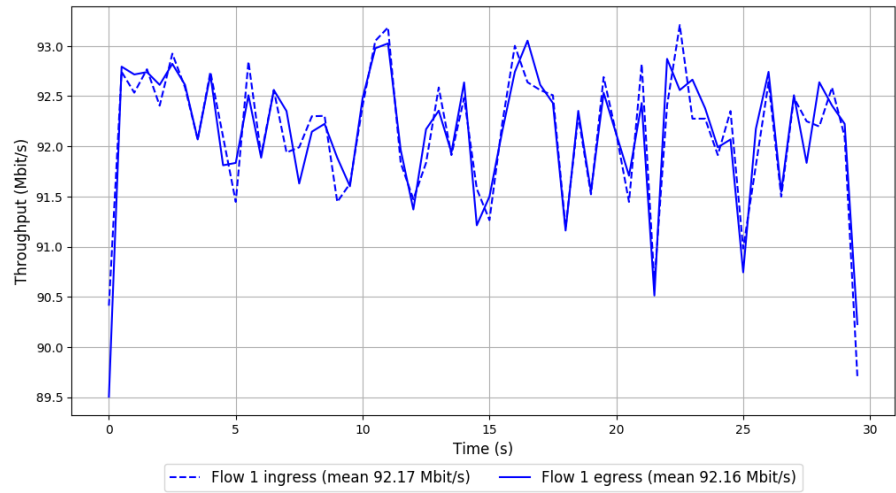
-- Flow 1:

Average throughput: 92.16 Mbit/s

95th percentile per-packet one-way delay: 5.029 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-03-13 06:32:17

End at: 2018-03-13 06:32:47

Local clock offset: -4.639 ms

Remote clock offset: -7.02 ms

Below is generated by plot.py at 2018-03-13 08:25:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.22 Mbit/s

95th percentile per-packet one-way delay: 4.881 ms

Loss rate: 0.09%

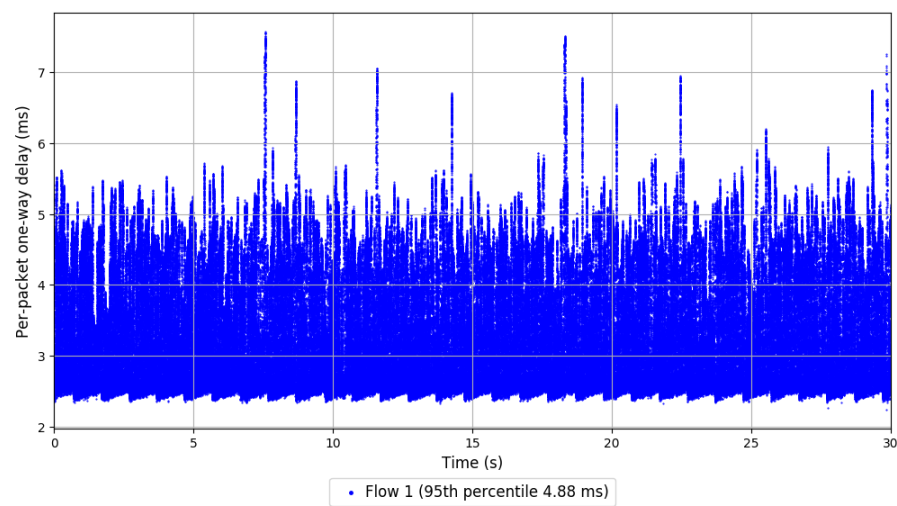
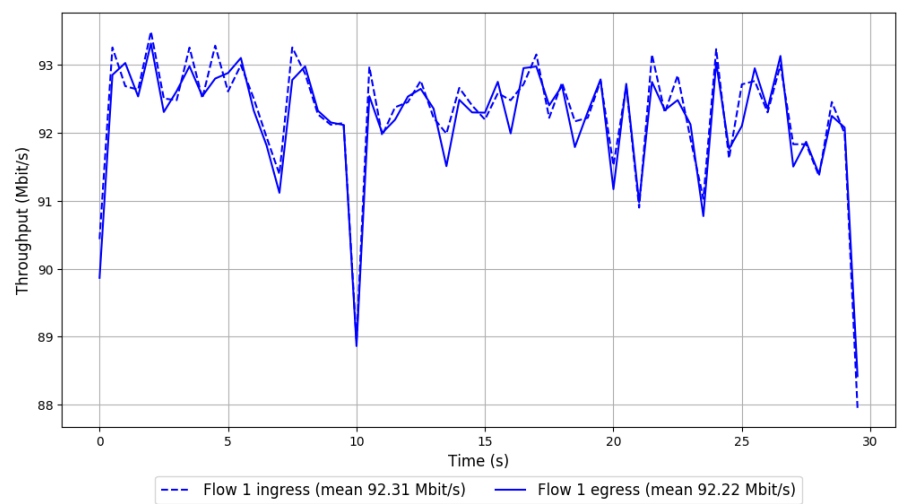
-- Flow 1:

Average throughput: 92.22 Mbit/s

95th percentile per-packet one-way delay: 4.881 ms

Loss rate: 0.09%

Run 7: Report of Copa — Data Link

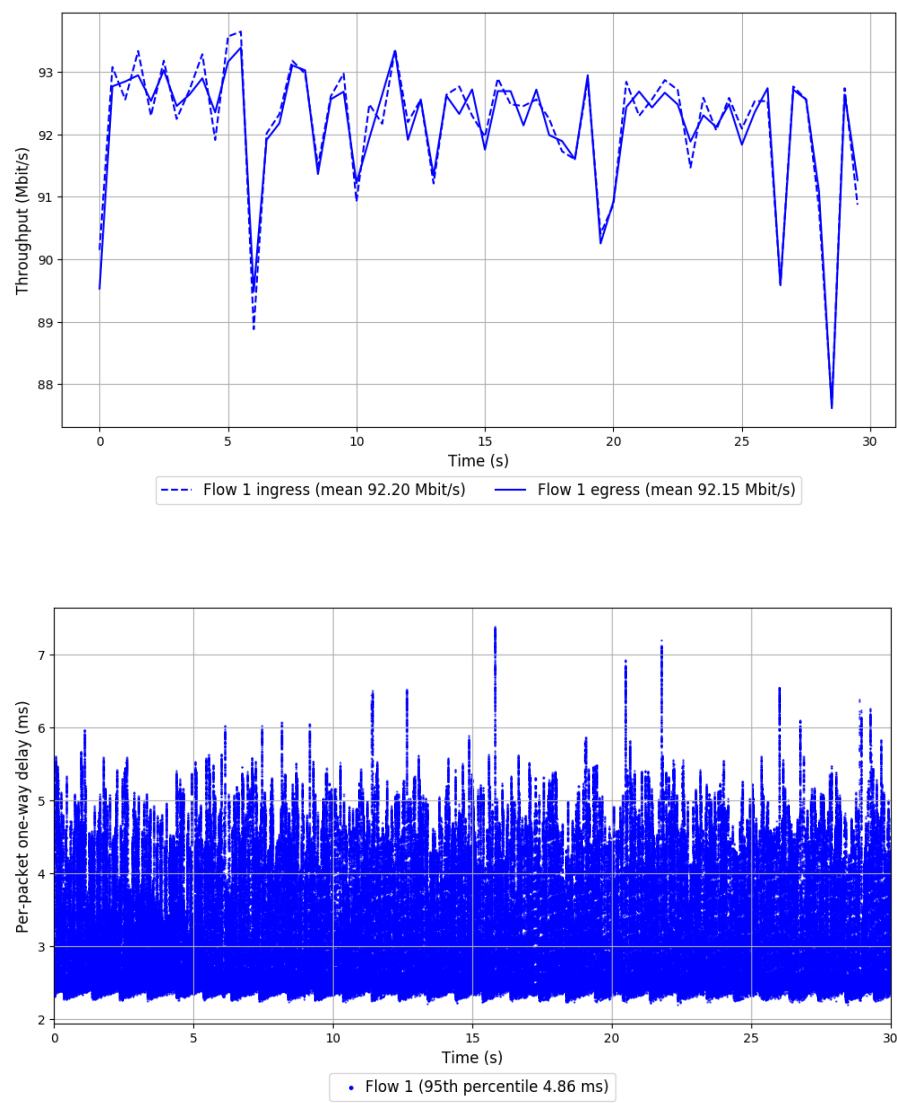


Run 8: Statistics of Copa

Start at: 2018-03-13 06:52:41
End at: 2018-03-13 06:53:12
Local clock offset: -5.385 ms
Remote clock offset: -7.153 ms

Below is generated by plot.py at 2018-03-13 08:25:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.15 Mbit/s
95th percentile per-packet one-way delay: 4.862 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 92.15 Mbit/s
95th percentile per-packet one-way delay: 4.862 ms
Loss rate: 0.04%

Run 8: Report of Copa — Data Link

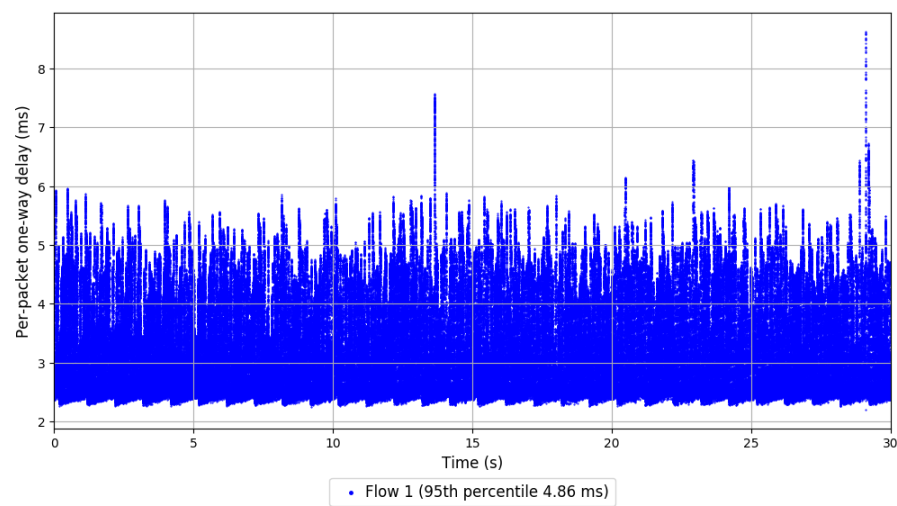
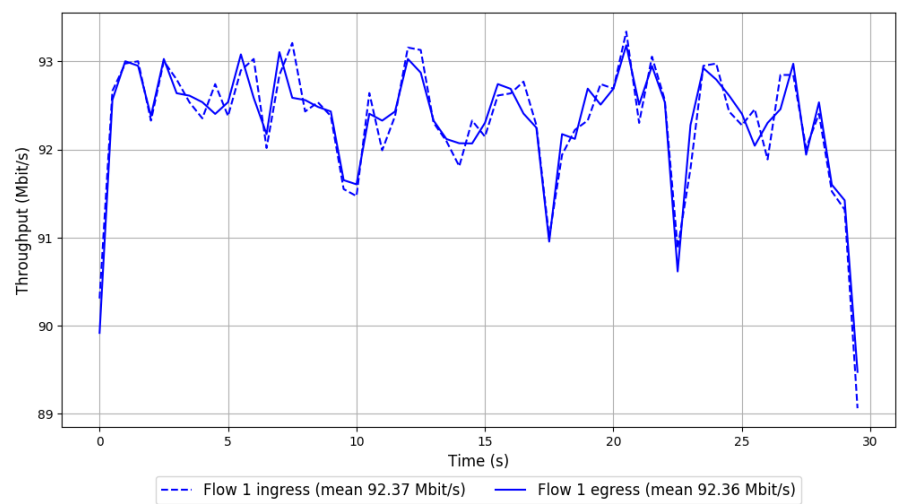


Run 9: Statistics of Copa

Start at: 2018-03-13 07:13:05
End at: 2018-03-13 07:13:35
Local clock offset: -5.91 ms
Remote clock offset: -7.591 ms

Below is generated by plot.py at 2018-03-13 08:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.36 Mbit/s
95th percentile per-packet one-way delay: 4.864 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.36 Mbit/s
95th percentile per-packet one-way delay: 4.864 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

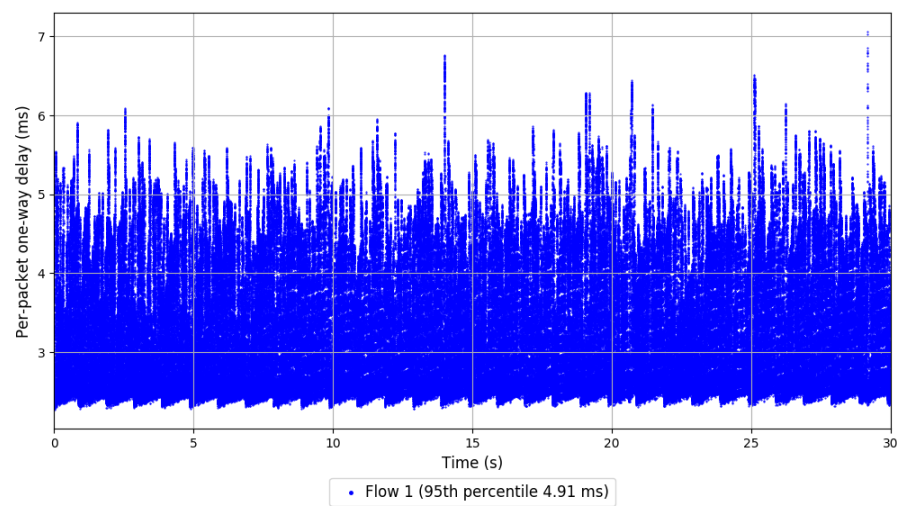
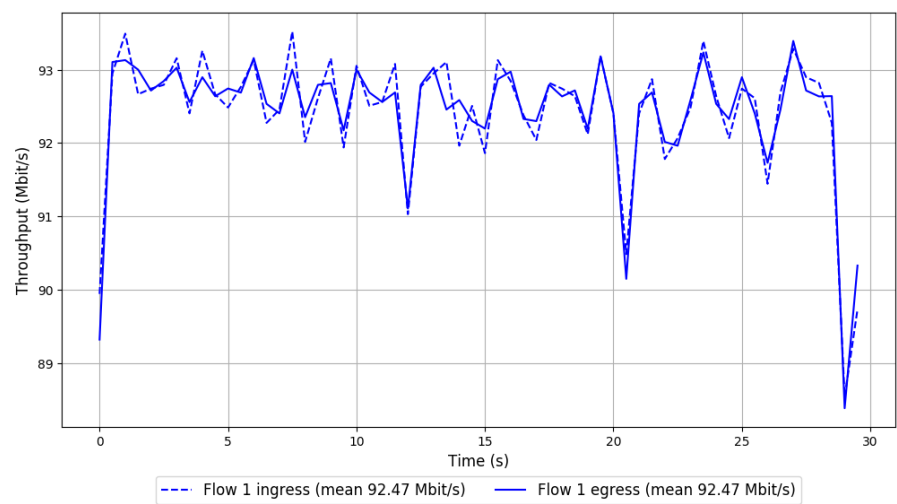


Run 10: Statistics of Copa

Start at: 2018-03-13 07:33:30
End at: 2018-03-13 07:34:00
Local clock offset: -1.813 ms
Remote clock offset: -7.467 ms

Below is generated by plot.py at 2018-03-13 08:27:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.47 Mbit/s
95th percentile per-packet one-way delay: 4.911 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.47 Mbit/s
95th percentile per-packet one-way delay: 4.911 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

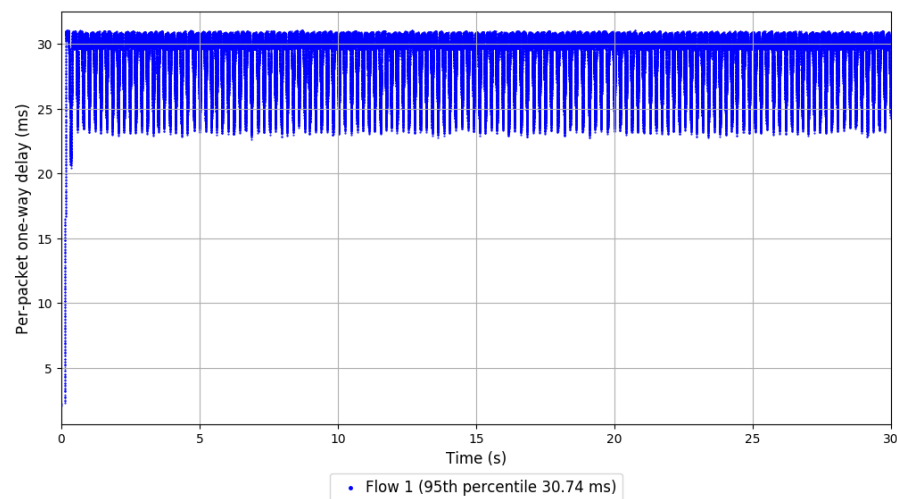
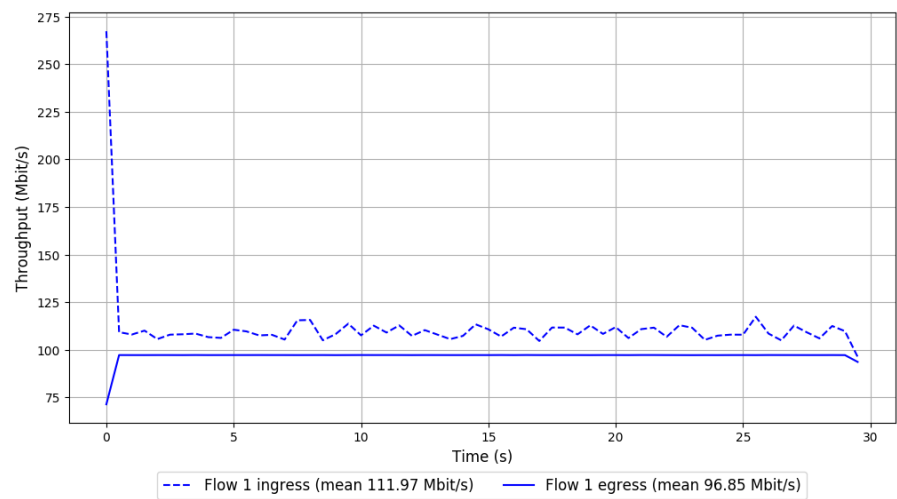


Run 1: Statistics of FillP

Start at: 2018-03-13 04:19:42
End at: 2018-03-13 04:20:12
Local clock offset: -7.663 ms
Remote clock offset: -6.162 ms

Below is generated by plot.py at 2018-03-13 08:27:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 30.744 ms
Loss rate: 13.44%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 30.744 ms
Loss rate: 13.44%

Run 1: Report of FillP — Data Link

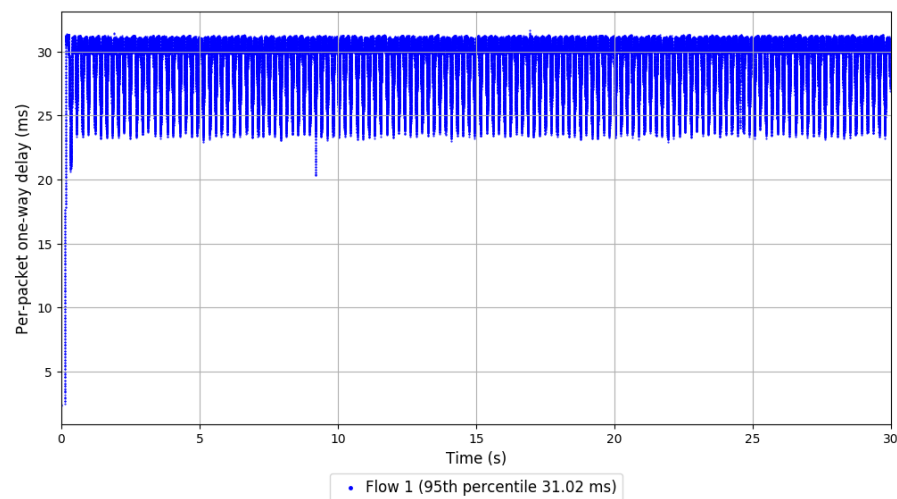
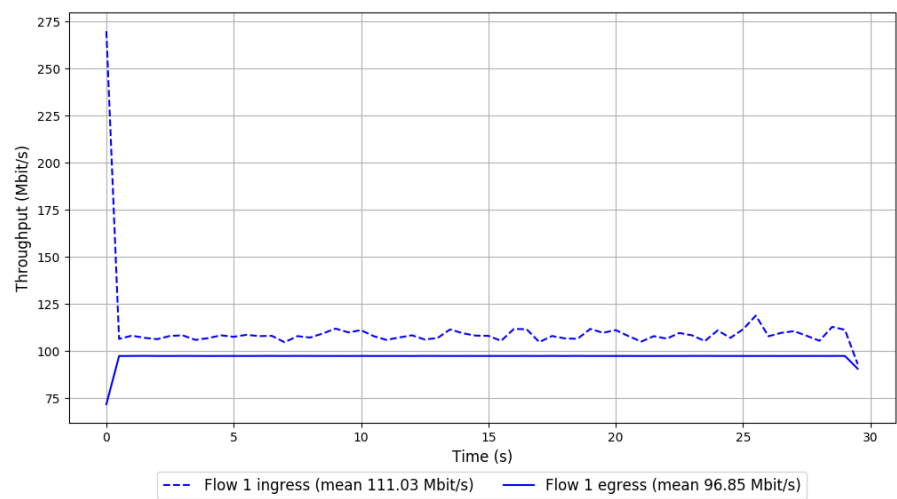


Run 2: Statistics of FillP

Start at: 2018-03-13 04:40:03
End at: 2018-03-13 04:40:33
Local clock offset: -5.272 ms
Remote clock offset: -6.198 ms

Below is generated by plot.py at 2018-03-13 08:27:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 31.015 ms
Loss rate: 12.69%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 31.015 ms
Loss rate: 12.69%

Run 2: Report of FillP — Data Link

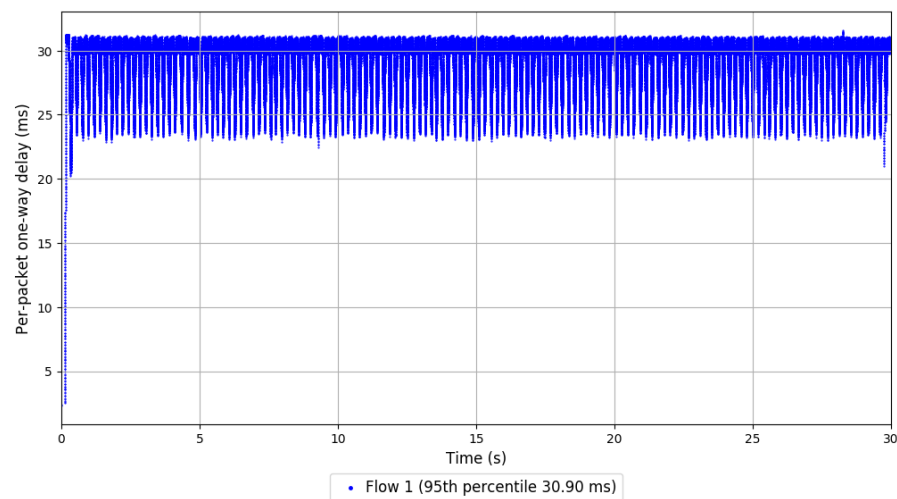
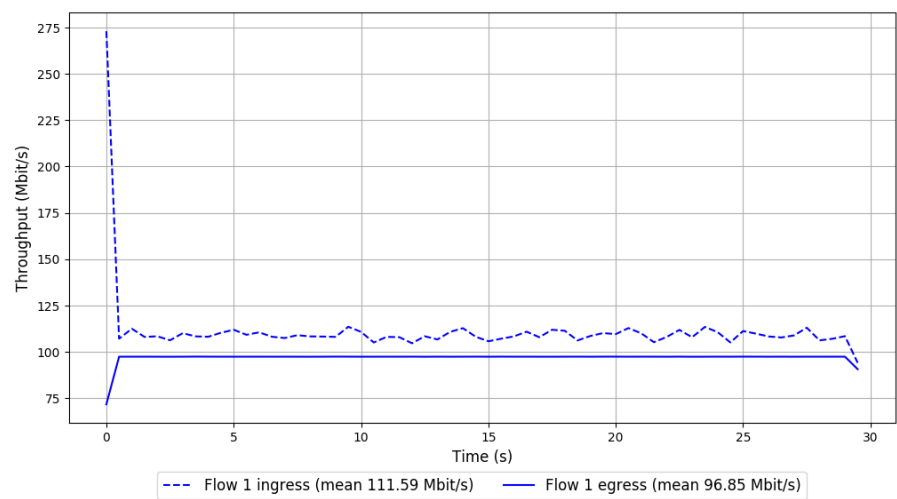


Run 3: Statistics of FillP

Start at: 2018-03-13 05:00:28
End at: 2018-03-13 05:00:58
Local clock offset: -4.696 ms
Remote clock offset: -6.491 ms

Below is generated by plot.py at 2018-03-13 08:27:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 30.896 ms
Loss rate: 13.13%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 30.896 ms
Loss rate: 13.13%

Run 3: Report of FillP — Data Link

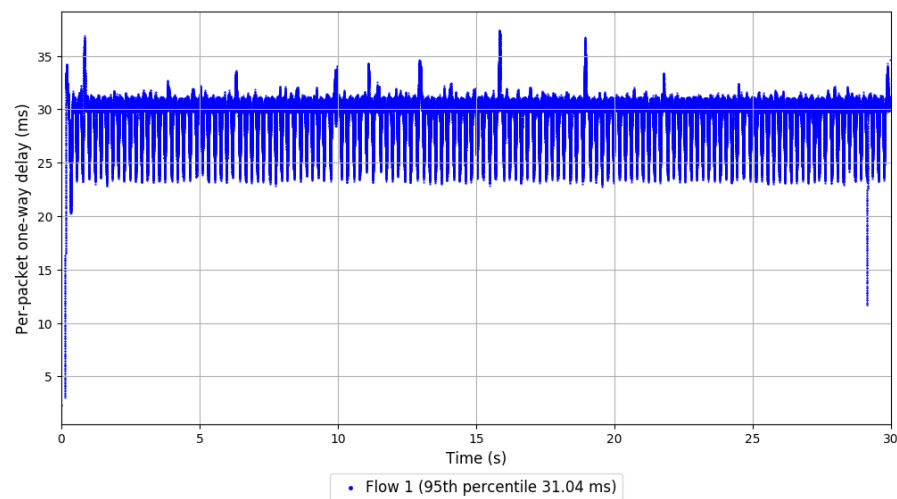
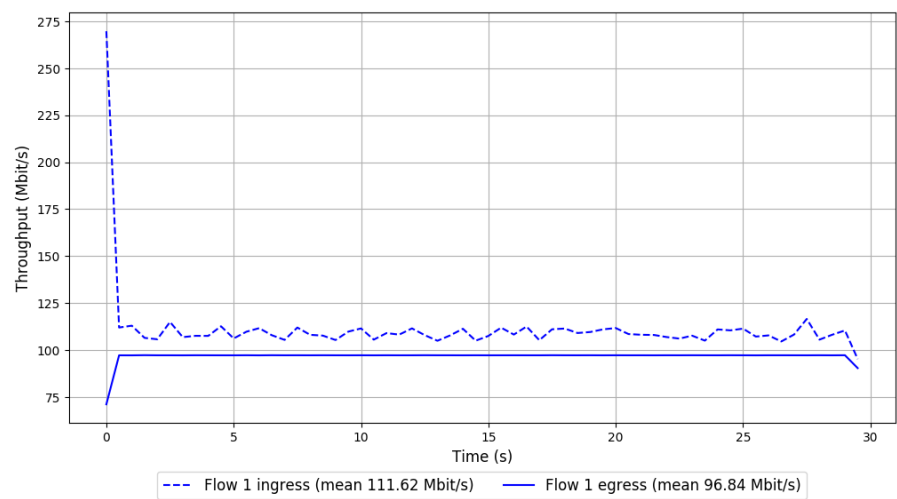


Run 4: Statistics of FillP

Start at: 2018-03-13 05:20:51
End at: 2018-03-13 05:21:21
Local clock offset: -5.527 ms
Remote clock offset: -6.549 ms

Below is generated by plot.py at 2018-03-13 08:27:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 31.037 ms
Loss rate: 13.15%
-- Flow 1:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 31.037 ms
Loss rate: 13.15%

Run 4: Report of FillP — Data Link

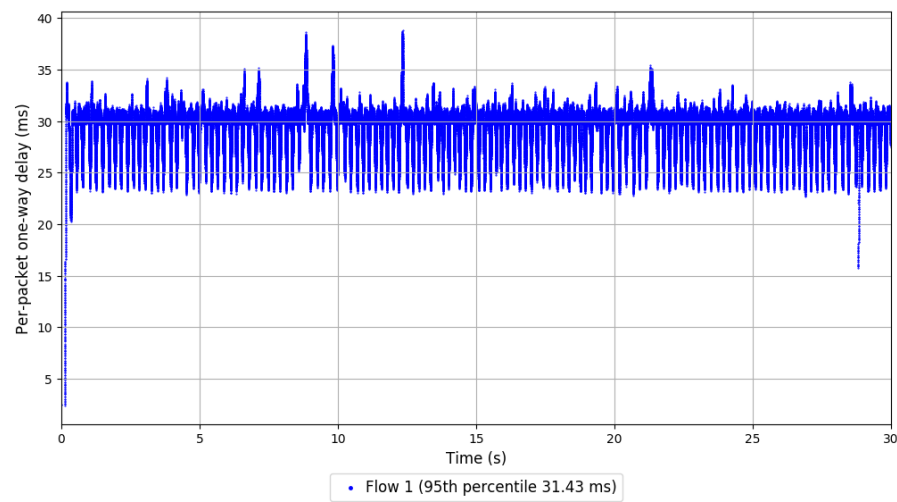
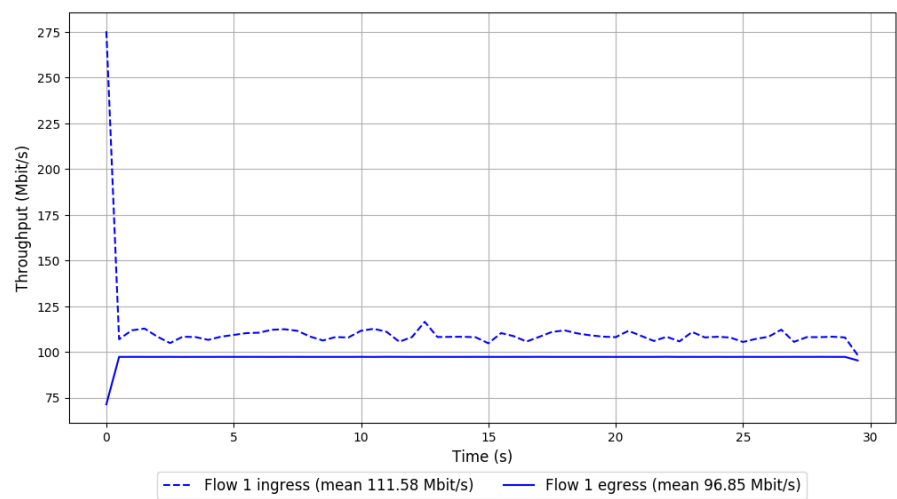


Run 5: Statistics of FillP

Start at: 2018-03-13 05:41:16
End at: 2018-03-13 05:41:46
Local clock offset: -6.156 ms
Remote clock offset: -6.578 ms

Below is generated by plot.py at 2018-03-13 08:27:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 31.434 ms
Loss rate: 13.12%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 31.434 ms
Loss rate: 13.12%

Run 5: Report of FillP — Data Link

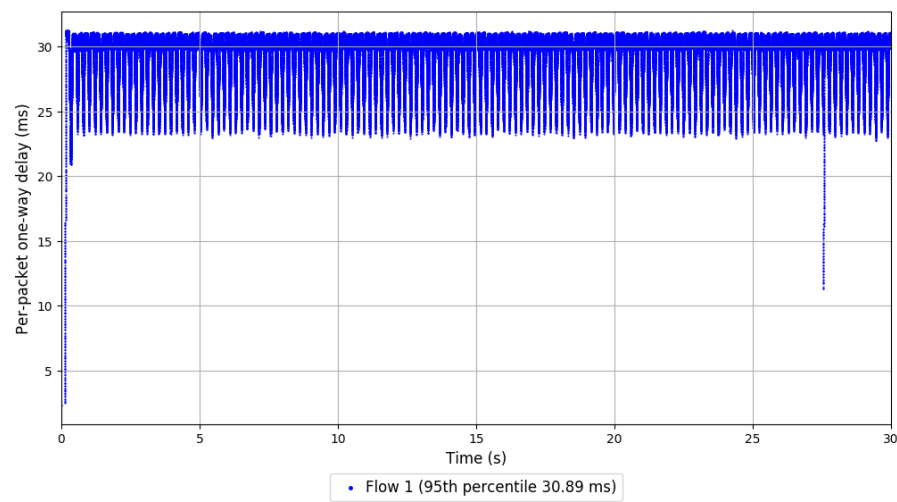
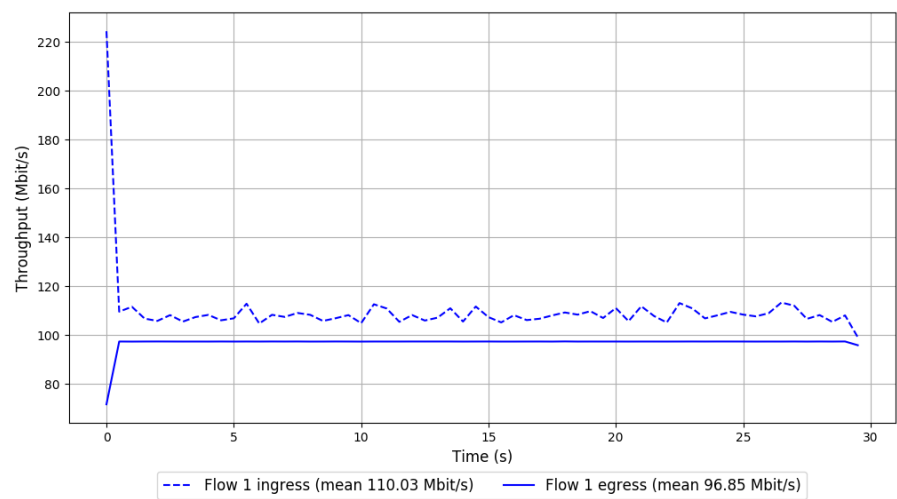


Run 6: Statistics of FillP

Start at: 2018-03-13 06:01:41
End at: 2018-03-13 06:02:11
Local clock offset: -6.793 ms
Remote clock offset: -6.858 ms

Below is generated by plot.py at 2018-03-13 08:27:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 30.887 ms
Loss rate: 11.90%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 30.887 ms
Loss rate: 11.90%

Run 6: Report of FillP — Data Link

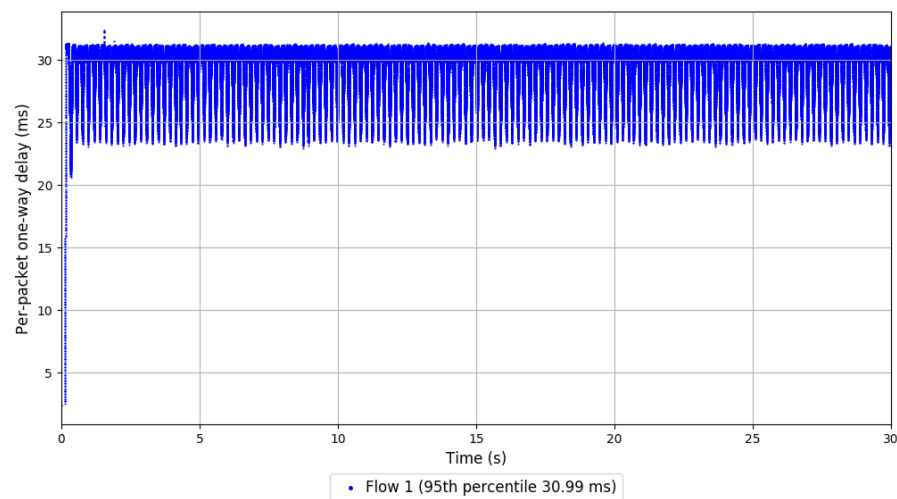
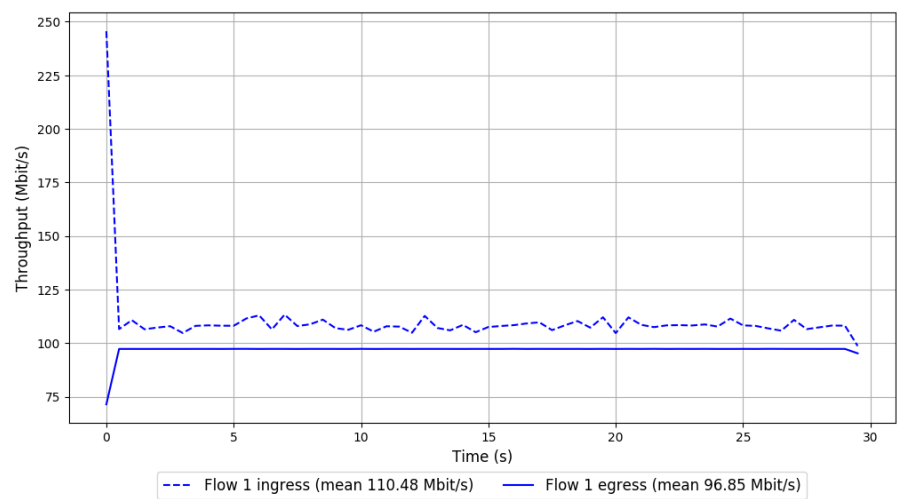


Run 7: Statistics of FillP

Start at: 2018-03-13 06:22:01
End at: 2018-03-13 06:22:31
Local clock offset: -5.181 ms
Remote clock offset: -7.079 ms

Below is generated by plot.py at 2018-03-13 08:29:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 30.992 ms
Loss rate: 12.25%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 30.992 ms
Loss rate: 12.25%

Run 7: Report of FillP — Data Link

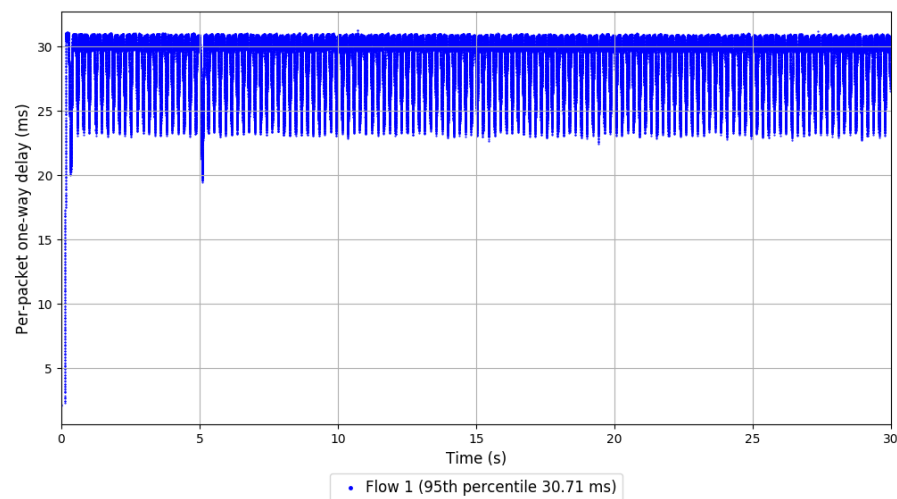
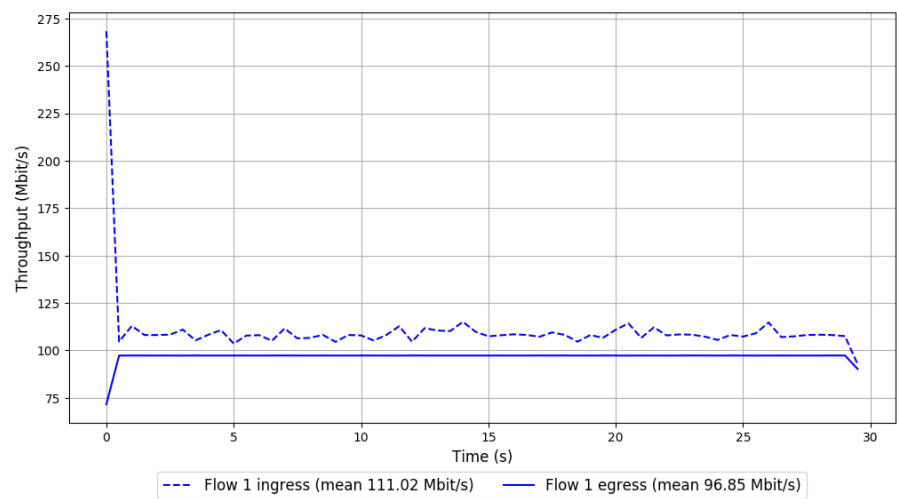


Run 8: Statistics of FillP

Start at: 2018-03-13 06:42:26
End at: 2018-03-13 06:42:56
Local clock offset: -4.244 ms
Remote clock offset: -7.082 ms

Below is generated by plot.py at 2018-03-13 08:29:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 30.715 ms
Loss rate: 12.69%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 30.715 ms
Loss rate: 12.69%

Run 8: Report of FillP — Data Link

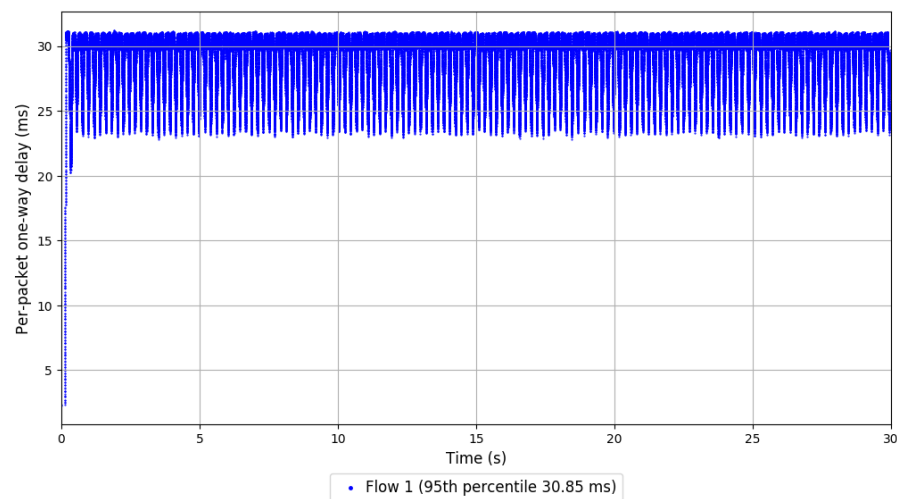
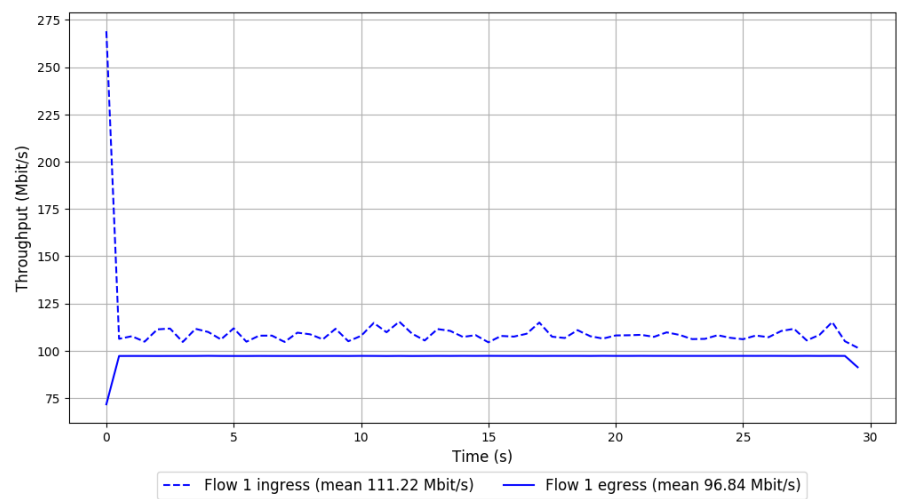


Run 9: Statistics of FillP

Start at: 2018-03-13 07:02:48
End at: 2018-03-13 07:03:18
Local clock offset: -5.705 ms
Remote clock offset: -7.364 ms

Below is generated by plot.py at 2018-03-13 08:29:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 30.852 ms
Loss rate: 12.85%
-- Flow 1:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 30.852 ms
Loss rate: 12.85%

Run 9: Report of FillP — Data Link

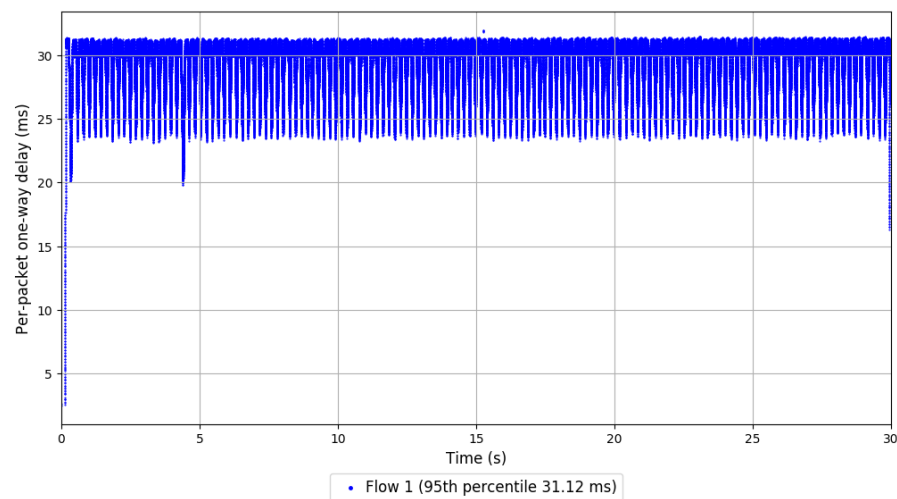
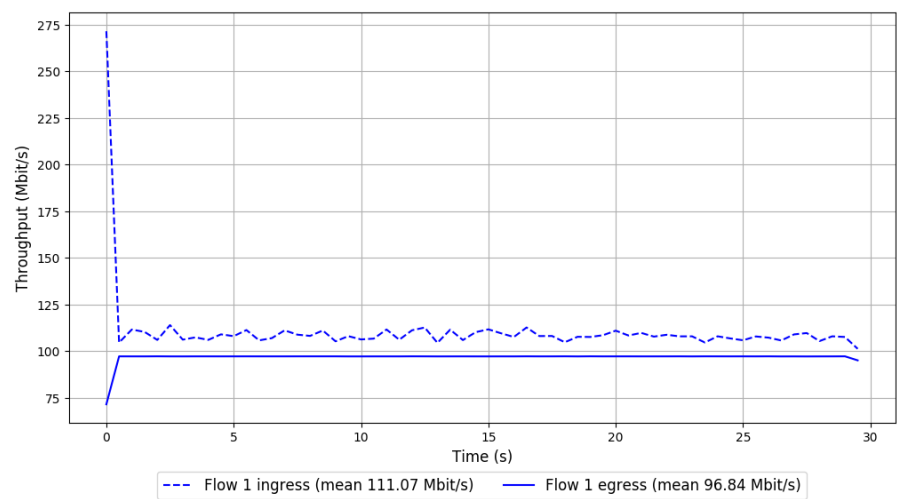


Run 10: Statistics of FillP

Start at: 2018-03-13 07:23:14
End at: 2018-03-13 07:23:44
Local clock offset: -3.619 ms
Remote clock offset: -7.624 ms

Below is generated by plot.py at 2018-03-13 08:29:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 31.124 ms
Loss rate: 12.74%
-- Flow 1:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 31.124 ms
Loss rate: 12.74%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-03-13 04:27:36

End at: 2018-03-13 04:28:07

Local clock offset: -7.433 ms

Remote clock offset: -6.176 ms

Below is generated by plot.py at 2018-03-13 08:29:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 5.344 ms

Loss rate: 0.10%

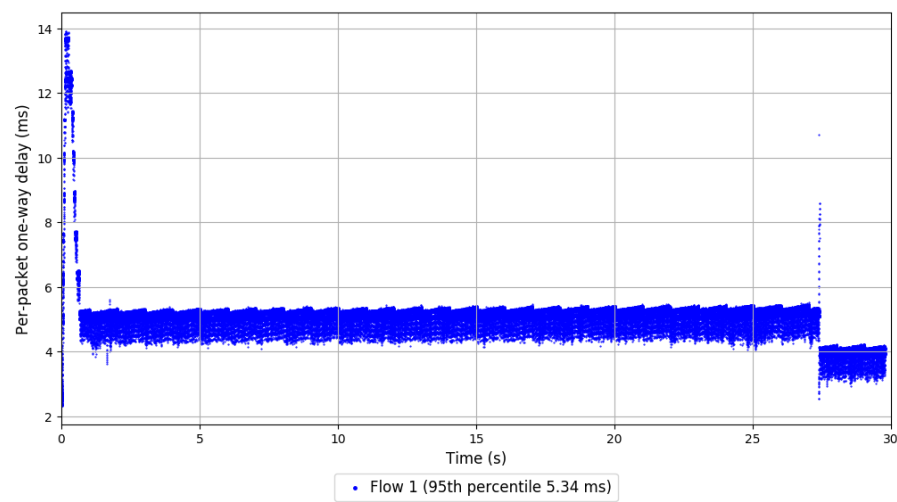
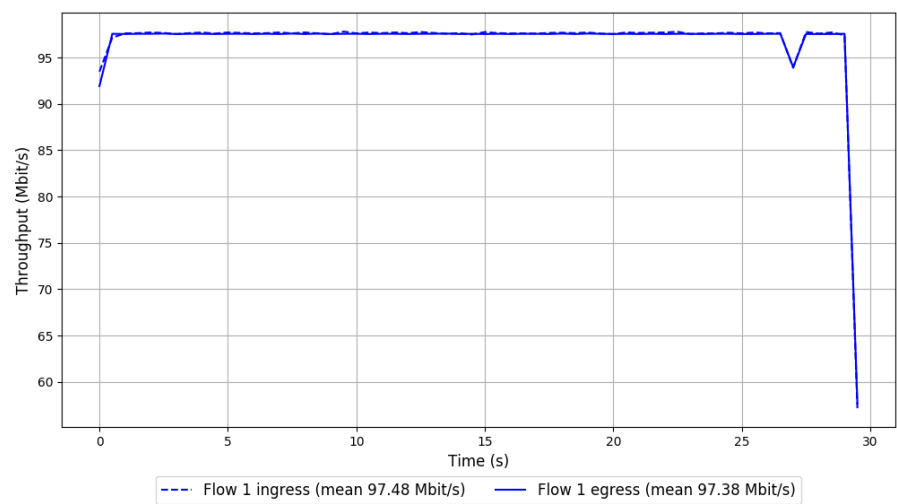
-- Flow 1:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 5.344 ms

Loss rate: 0.10%

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

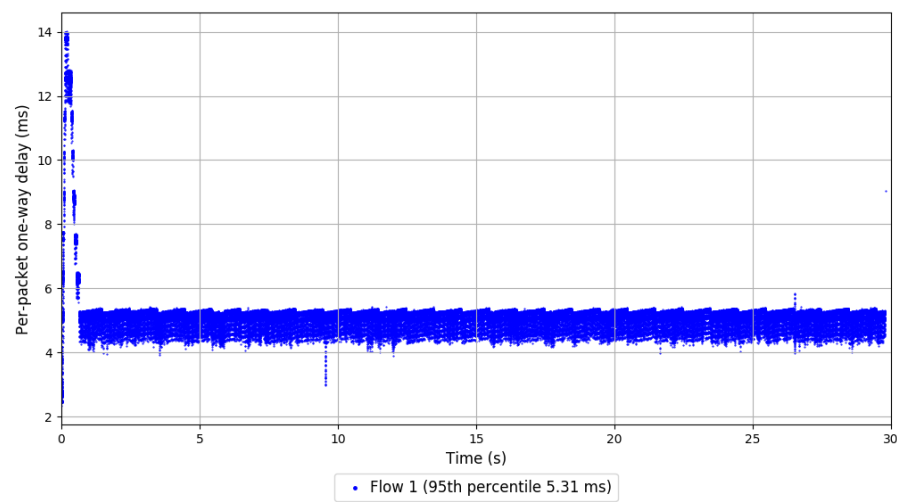
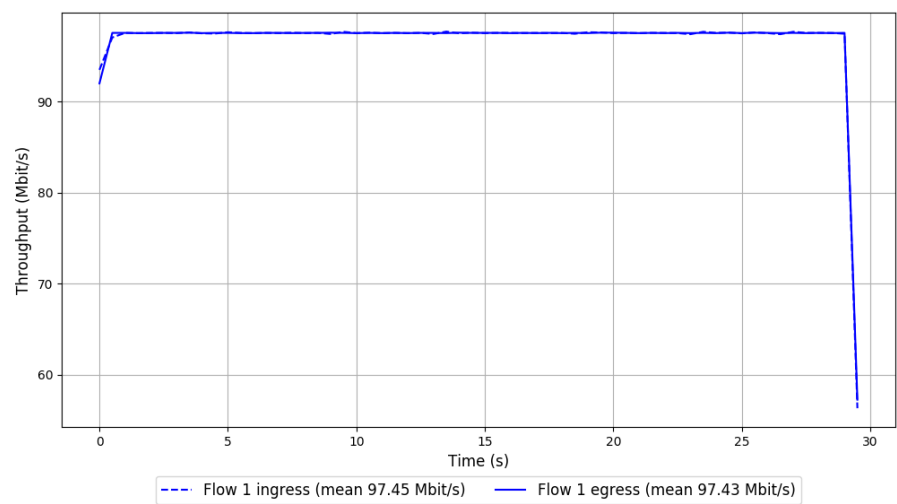


Run 2: Statistics of Indigo-1-32

Start at: 2018-03-13 04:48:01
End at: 2018-03-13 04:48:31
Local clock offset: -4.922 ms
Remote clock offset: -6.388 ms

Below is generated by plot.py at 2018-03-13 08:29:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 5.308 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 5.308 ms
Loss rate: 0.00%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-03-13 05:08:26

End at: 2018-03-13 05:08:56

Local clock offset: -5.131 ms

Remote clock offset: -6.517 ms

Below is generated by plot.py at 2018-03-13 08:29:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 5.079 ms

Loss rate: 0.00%

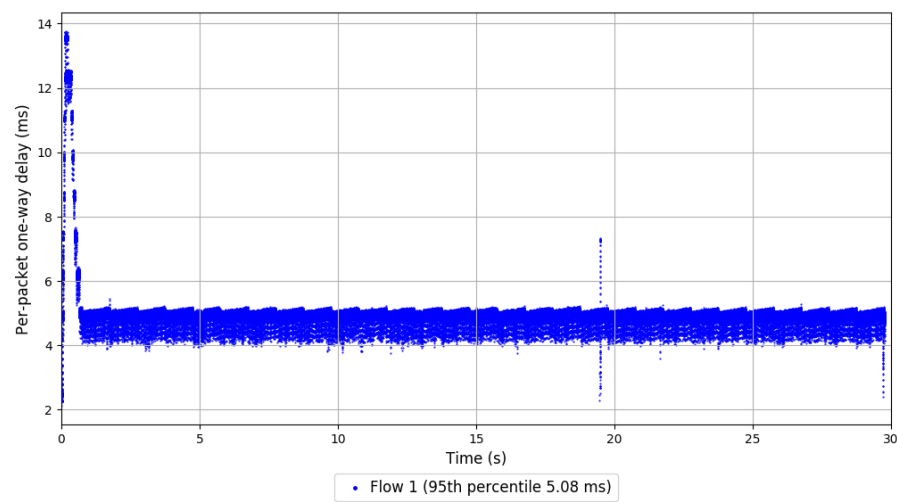
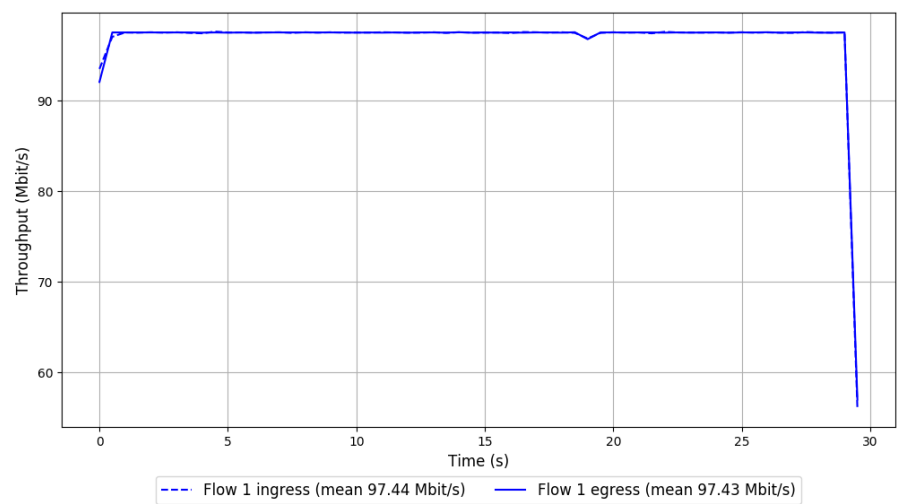
-- Flow 1:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 5.079 ms

Loss rate: 0.00%

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

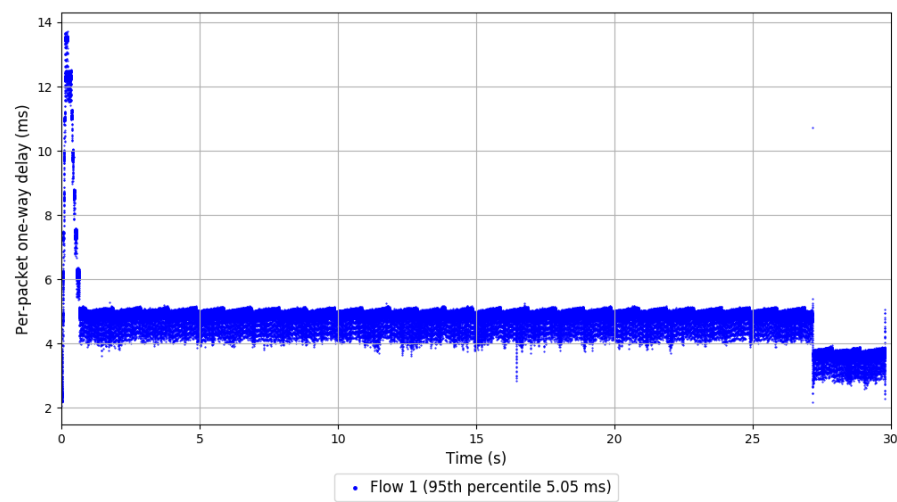
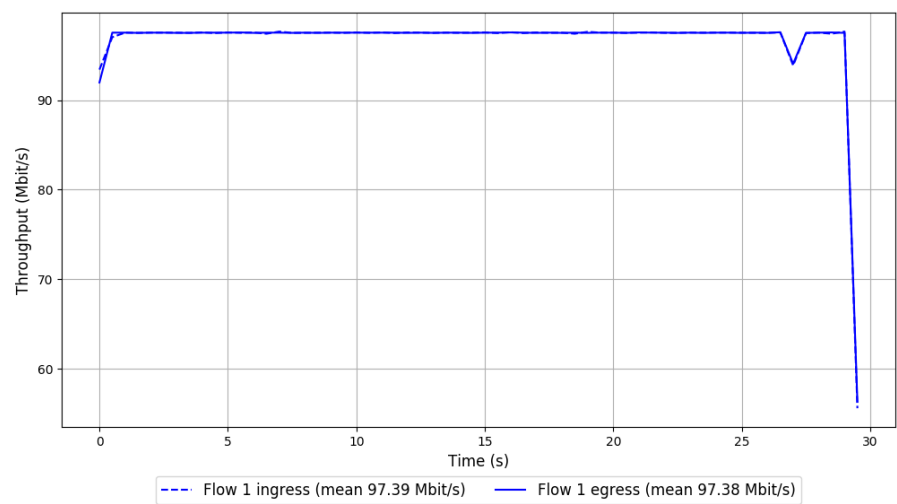


Run 4: Statistics of Indigo-1-32

Start at: 2018-03-13 05:28:50
End at: 2018-03-13 05:29:20
Local clock offset: -5.629 ms
Remote clock offset: -6.614 ms

Below is generated by plot.py at 2018-03-13 08:29:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 5.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 5.047 ms
Loss rate: 0.00%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-03-13 05:49:14

End at: 2018-03-13 05:49:44

Local clock offset: -6.578 ms

Remote clock offset: -6.657 ms

Below is generated by plot.py at 2018-03-13 08:30:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 5.230 ms

Loss rate: 0.05%

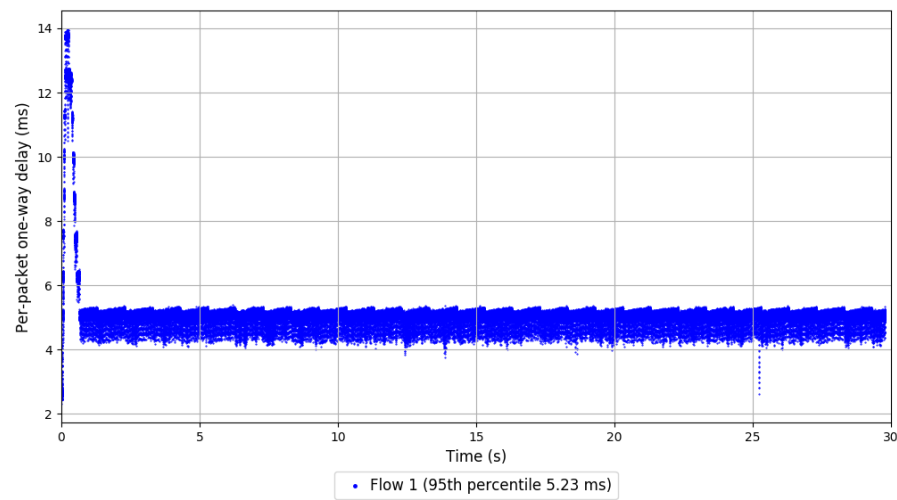
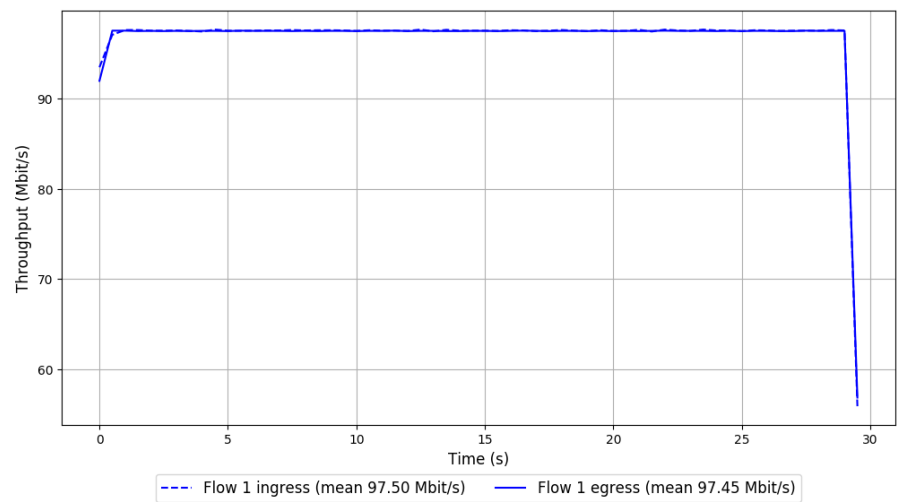
-- Flow 1:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 5.230 ms

Loss rate: 0.05%

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

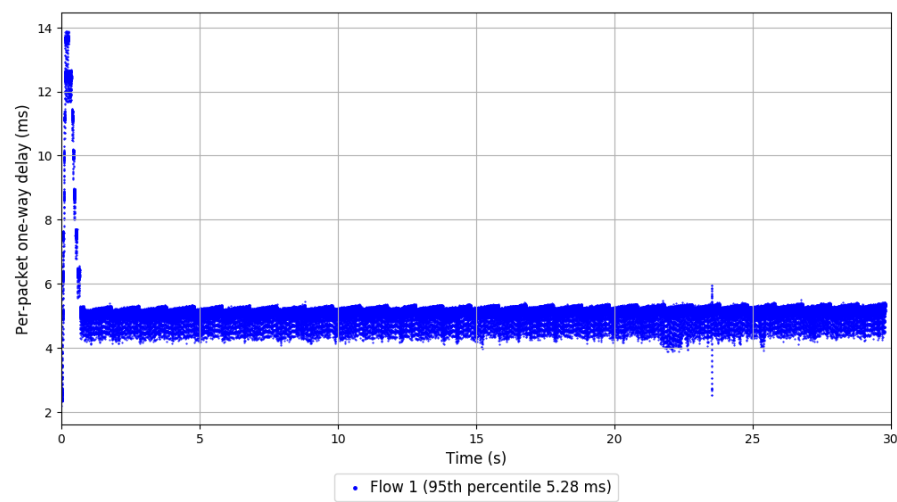
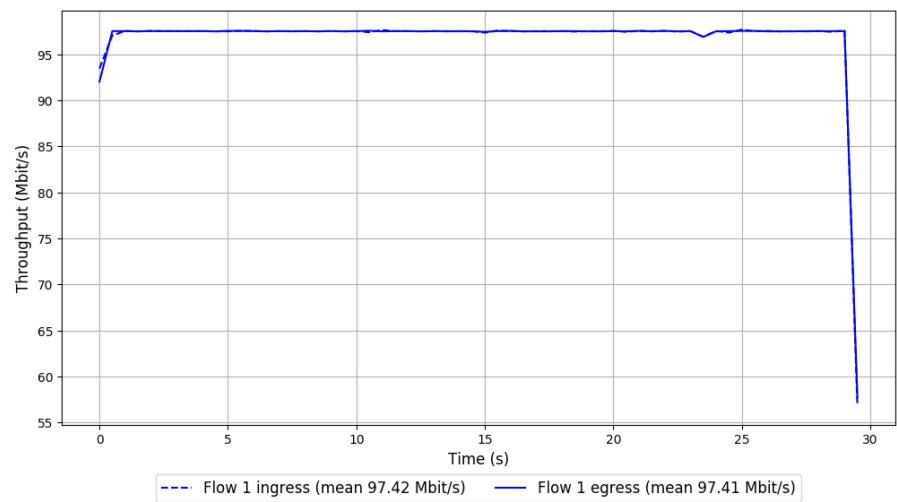


Run 6: Statistics of Indigo-1-32

Start at: 2018-03-13 06:09:39
End at: 2018-03-13 06:10:09
Local clock offset: -6.601 ms
Remote clock offset: -6.952 ms

Below is generated by plot.py at 2018-03-13 08:30:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 5.284 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 5.284 ms
Loss rate: 0.00%

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

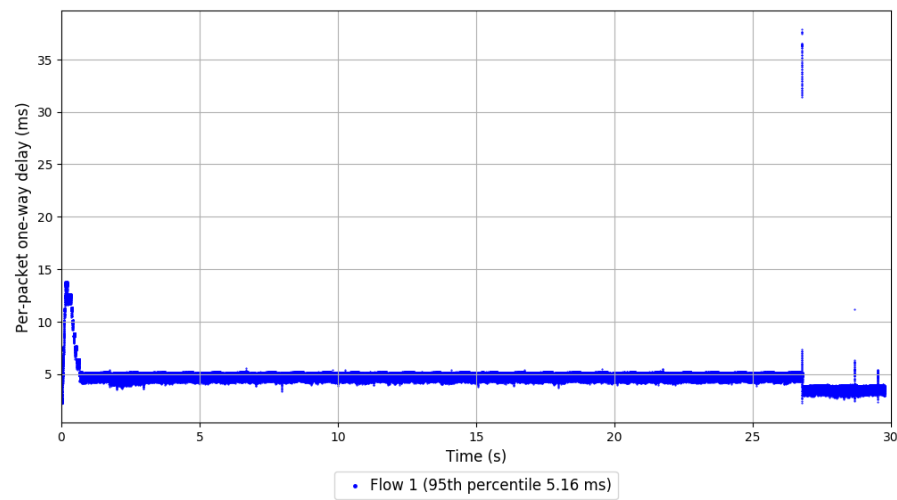
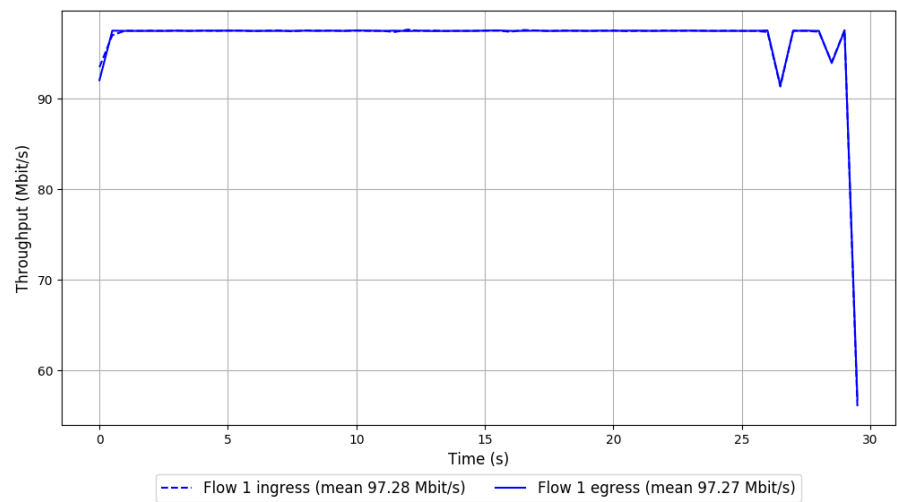


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-13 06:30:00
End at: 2018-03-13 06:30:30
Local clock offset: -4.634 ms
Remote clock offset: -7.038 ms

Below is generated by plot.py at 2018-03-13 08:30:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 5.155 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 5.155 ms
Loss rate: 0.00%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-03-13 06:50:24

End at: 2018-03-13 06:50:54

Local clock offset: -5.337 ms

Remote clock offset: -7.134 ms

Below is generated by plot.py at 2018-03-13 08:30:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 5.209 ms

Loss rate: 0.00%

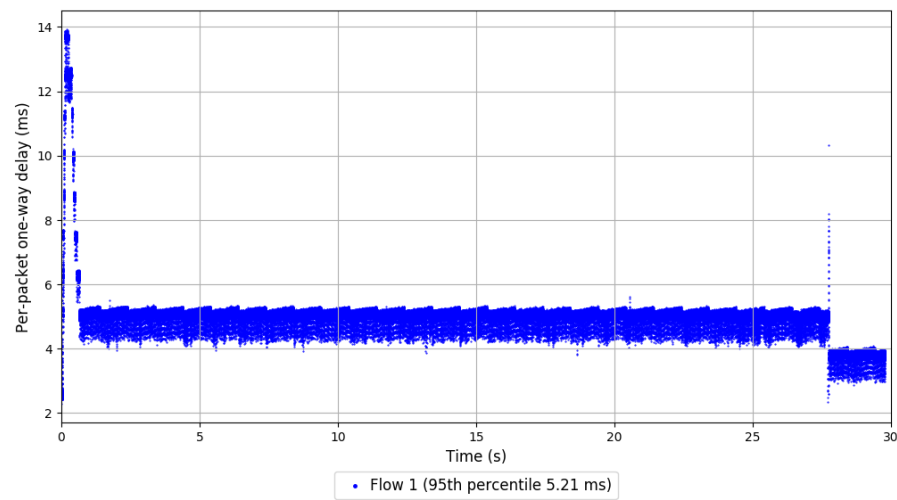
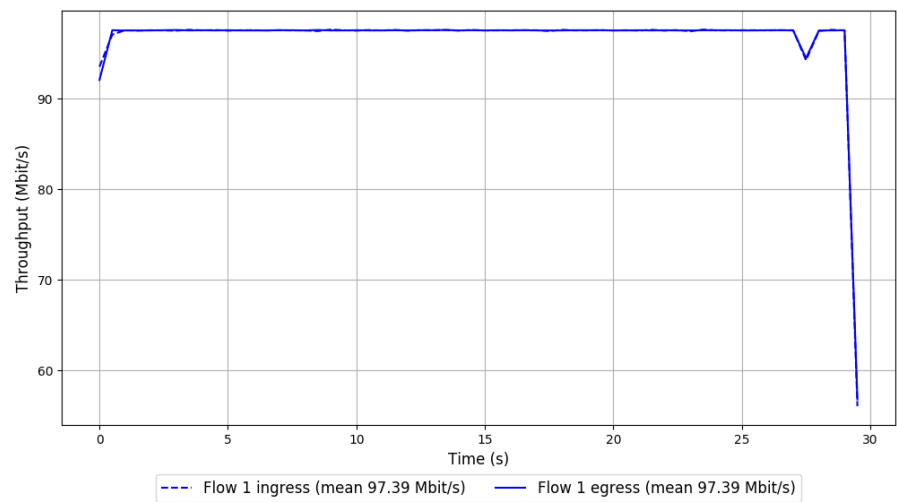
-- Flow 1:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 5.209 ms

Loss rate: 0.00%

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

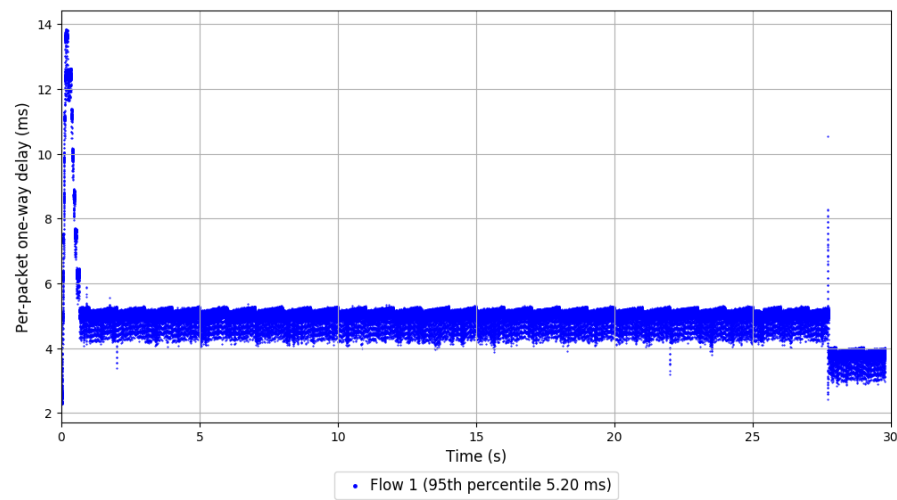
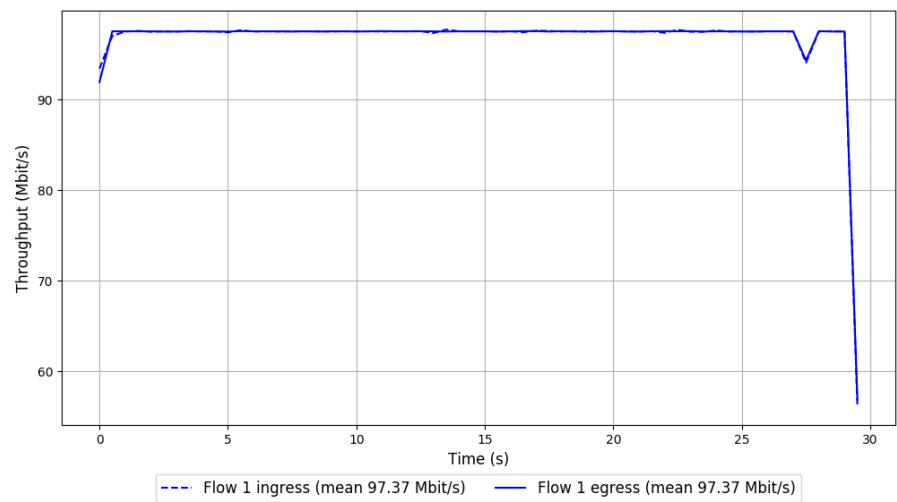


Run 9: Statistics of Indigo-1-32

Start at: 2018-03-13 07:10:48
End at: 2018-03-13 07:11:18
Local clock offset: -5.885 ms
Remote clock offset: -7.499 ms

Below is generated by plot.py at 2018-03-13 08:30:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 5.199 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 5.199 ms
Loss rate: 0.00%

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

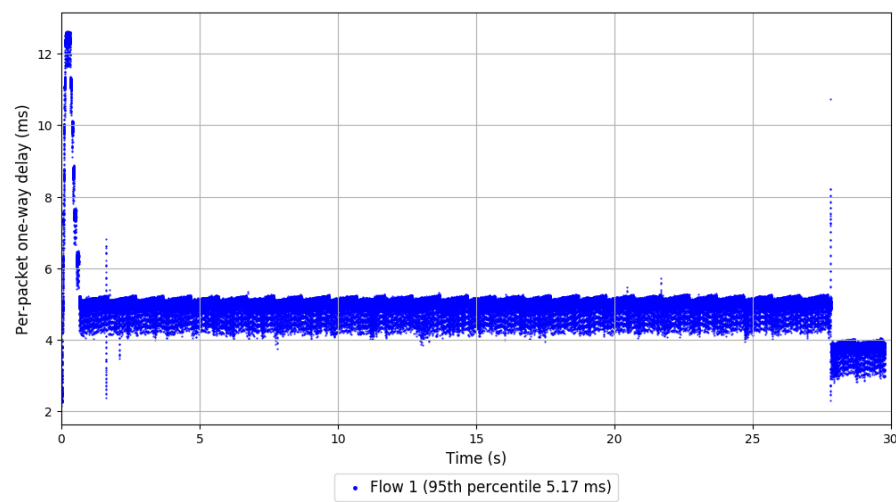
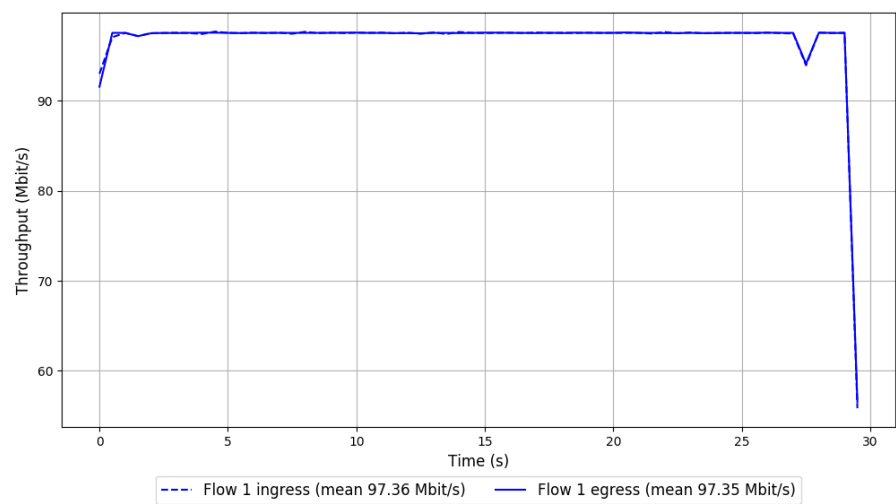


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-13 07:31:13
End at: 2018-03-13 07:31:43
Local clock offset: -2.053 ms
Remote clock offset: -7.552 ms

Below is generated by plot.py at 2018-03-13 08:30:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 5.169 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 5.169 ms
Loss rate: 0.00%

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

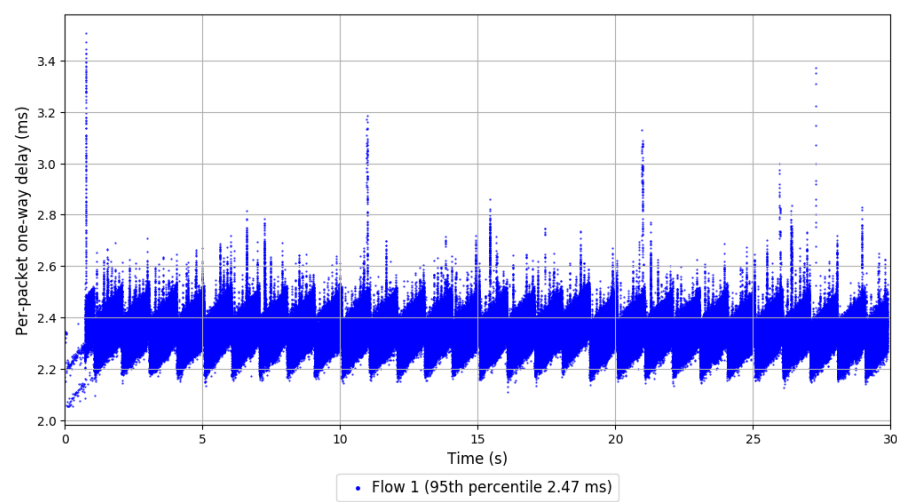
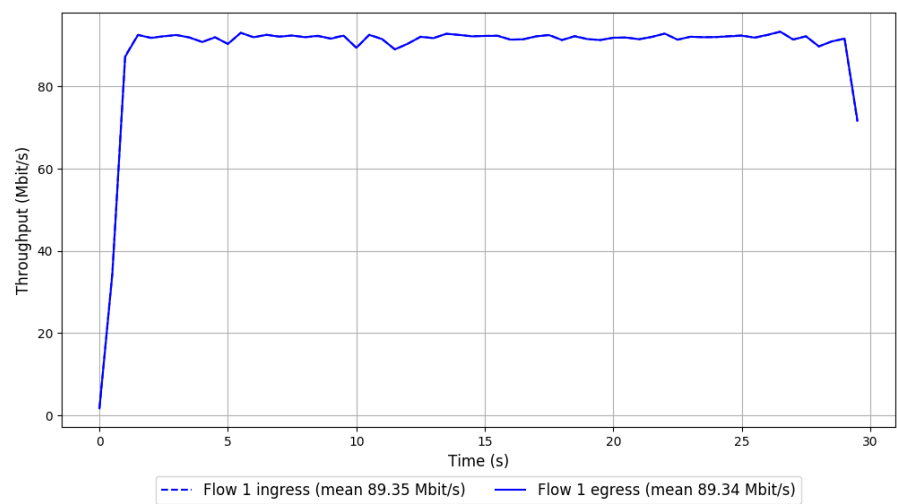


Run 1: Statistics of Vivace-latency

Start at: 2018-03-13 04:15:14
End at: 2018-03-13 04:15:44
Local clock offset: -7.515 ms
Remote clock offset: -6.179 ms

Below is generated by plot.py at 2018-03-13 08:30:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 2.471 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 2.471 ms
Loss rate: 0.01%

Run 1: Report of Vivace-latency — Data Link

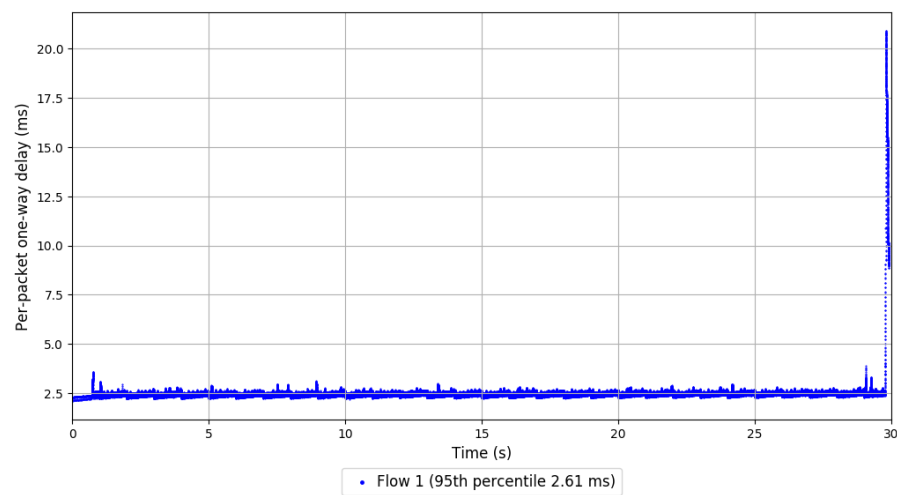
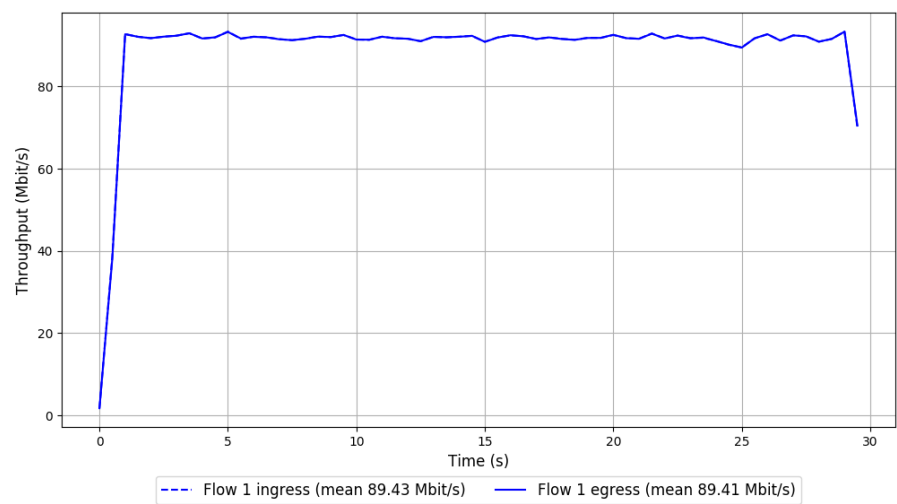


Run 2: Statistics of Vivace-latency

Start at: 2018-03-13 04:35:36
End at: 2018-03-13 04:36:06
Local clock offset: -5.657 ms
Remote clock offset: -6.187 ms

Below is generated by plot.py at 2018-03-13 08:30:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 2.606 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 2.606 ms
Loss rate: 0.00%

Run 2: Report of Vivace-latency — Data Link

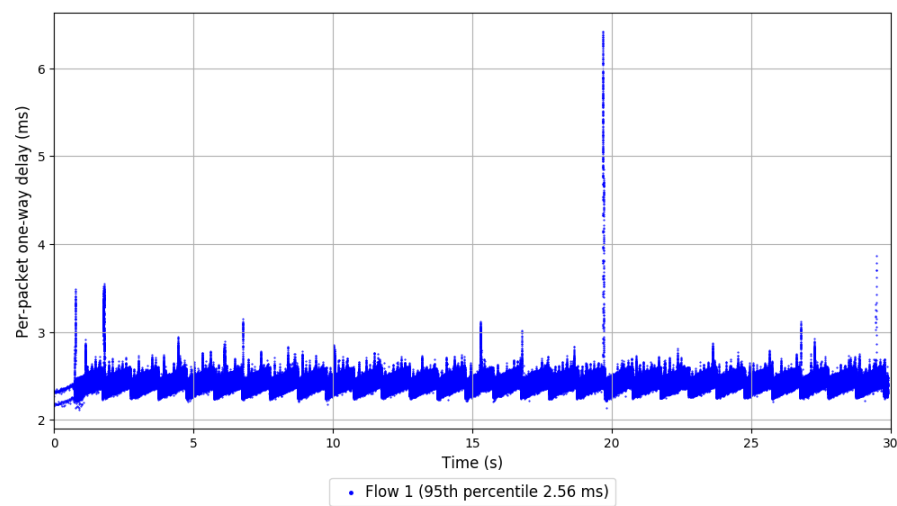
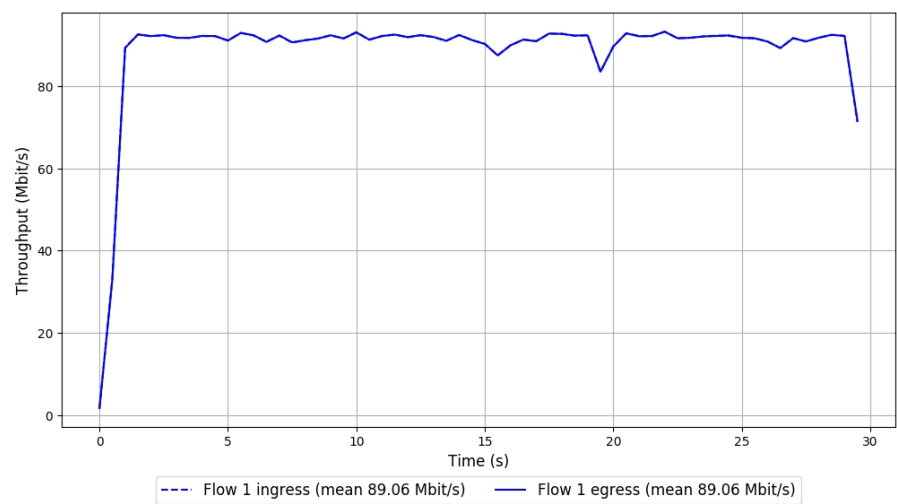


Run 3: Statistics of Vivace-latency

Start at: 2018-03-13 04:56:00
End at: 2018-03-13 04:56:30
Local clock offset: -4.579 ms
Remote clock offset: -6.472 ms

Below is generated by plot.py at 2018-03-13 08:31:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.06 Mbit/s
95th percentile per-packet one-way delay: 2.561 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.06 Mbit/s
95th percentile per-packet one-way delay: 2.561 ms
Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link

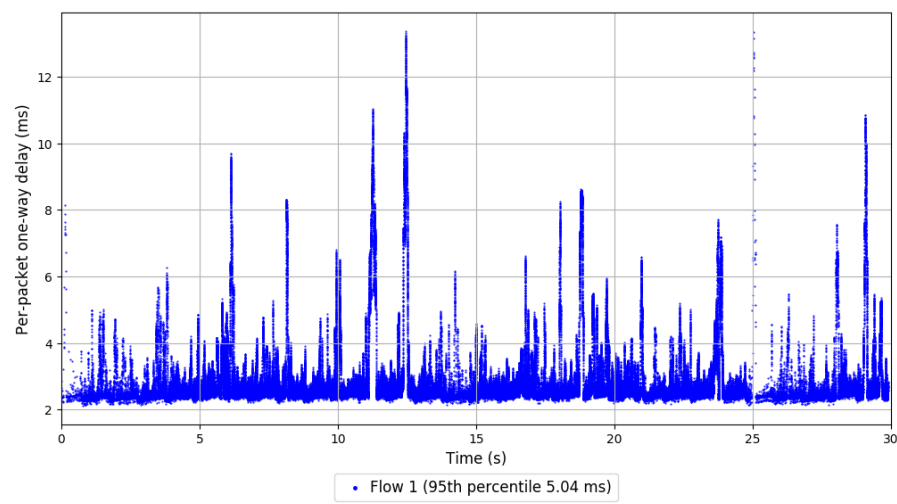
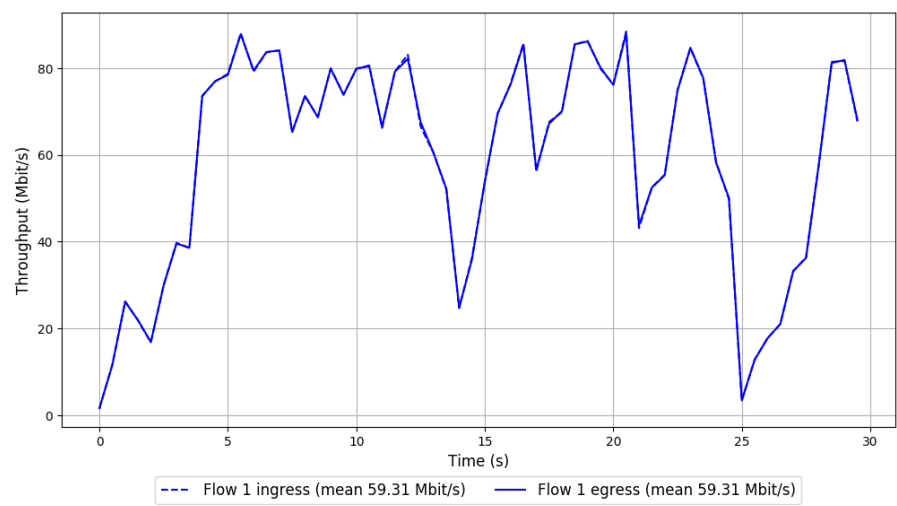


Run 4: Statistics of Vivace-latency

Start at: 2018-03-13 05:16:26
End at: 2018-03-13 05:16:56
Local clock offset: -5.455 ms
Remote clock offset: -6.541 ms

Below is generated by plot.py at 2018-03-13 08:31:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.31 Mbit/s
95th percentile per-packet one-way delay: 5.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.31 Mbit/s
95th percentile per-packet one-way delay: 5.045 ms
Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link

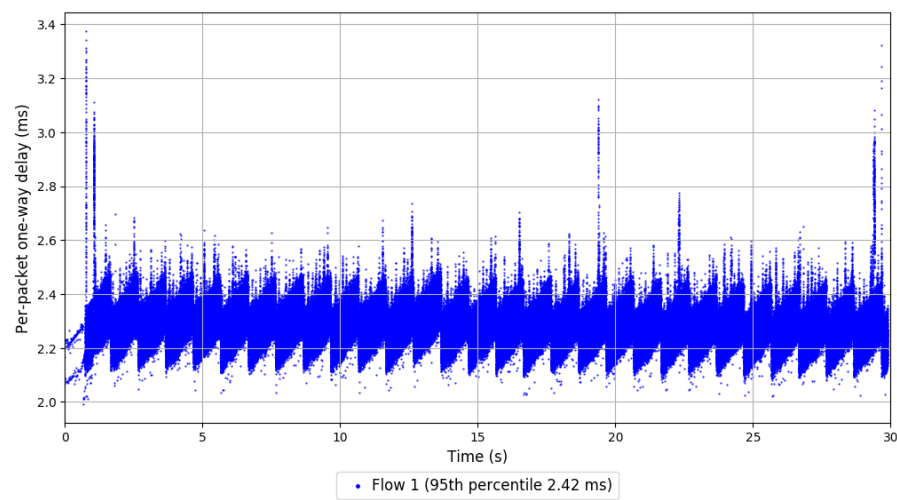
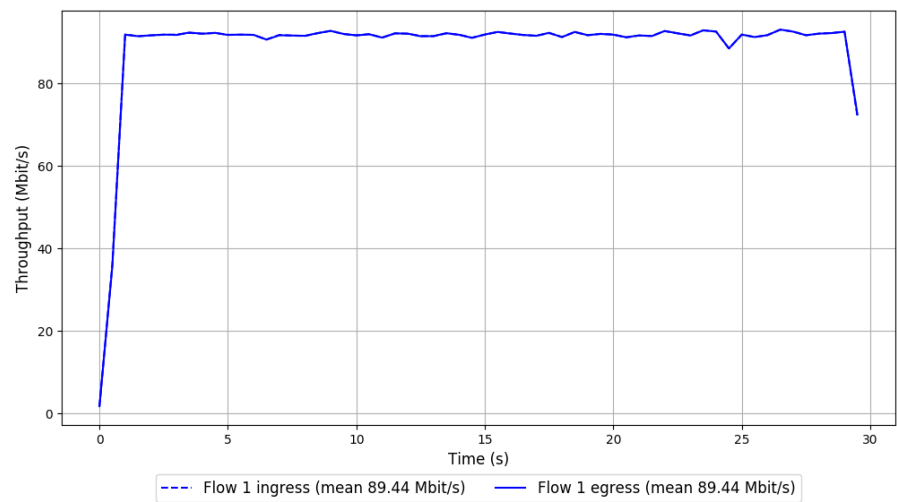


Run 5: Statistics of Vivace-latency

Start at: 2018-03-13 05:36:48
End at: 2018-03-13 05:37:18
Local clock offset: -5.853 ms
Remote clock offset: -6.635 ms

Below is generated by plot.py at 2018-03-13 08:31:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.44 Mbit/s
95th percentile per-packet one-way delay: 2.415 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.44 Mbit/s
95th percentile per-packet one-way delay: 2.415 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-03-13 05:57:13

End at: 2018-03-13 05:57:43

Local clock offset: -6.628 ms

Remote clock offset: -6.8 ms

Below is generated by plot.py at 2018-03-13 08:31:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.35 Mbit/s

95th percentile per-packet one-way delay: 2.546 ms

Loss rate: 0.00%

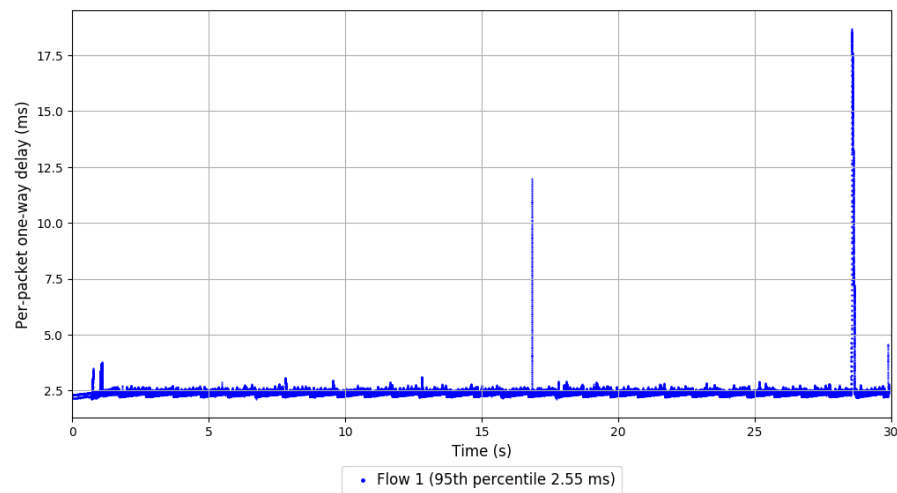
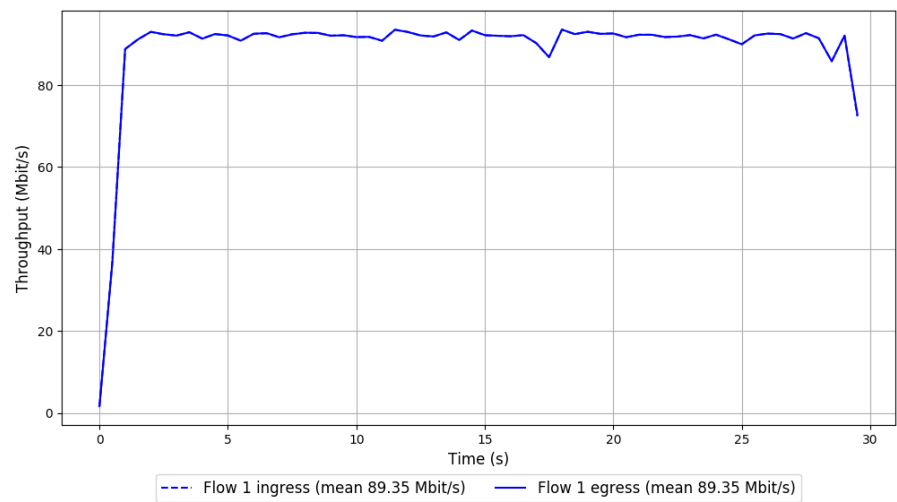
-- Flow 1:

Average throughput: 89.35 Mbit/s

95th percentile per-packet one-way delay: 2.546 ms

Loss rate: 0.00%

Run 6: Report of Vivace-latency — Data Link

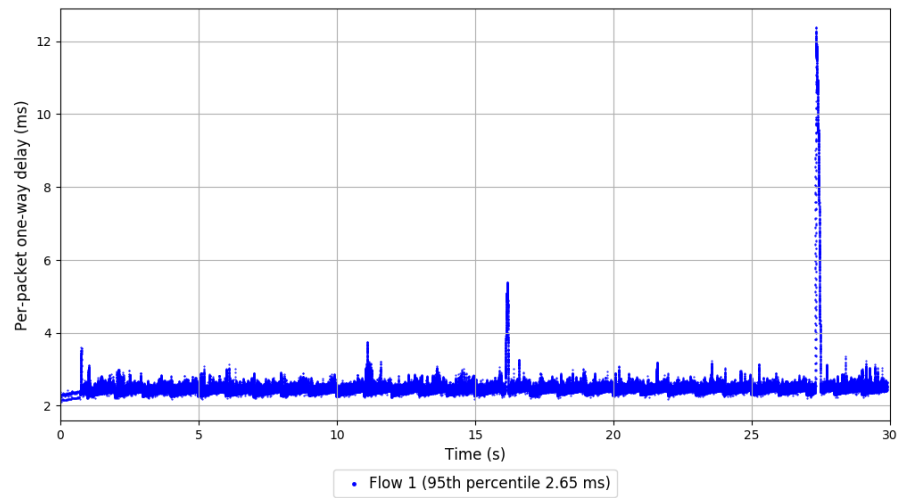
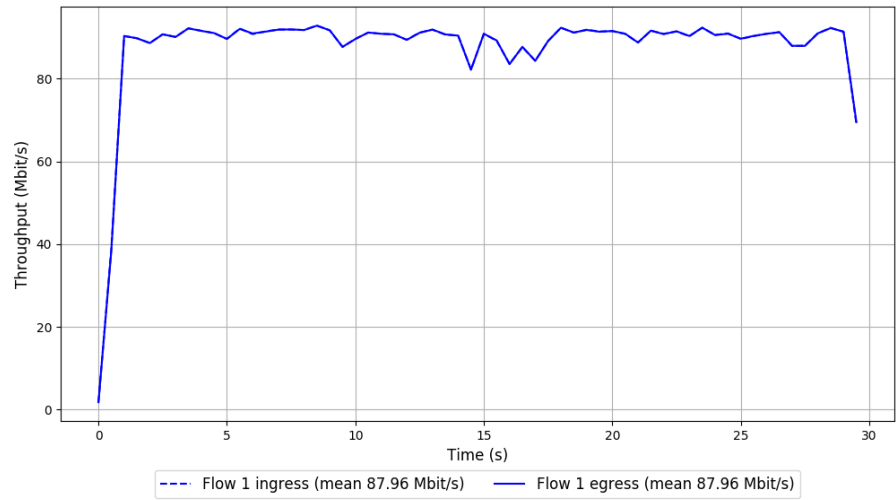


Run 7: Statistics of Vivace-latency

Start at: 2018-03-13 06:17:33
End at: 2018-03-13 06:18:03
Local clock offset: -5.412 ms
Remote clock offset: -7.086 ms

Below is generated by plot.py at 2018-03-13 08:31:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: 2.653 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: 2.653 ms
Loss rate: 0.00%

Run 7: Report of Vivace-latency — Data Link

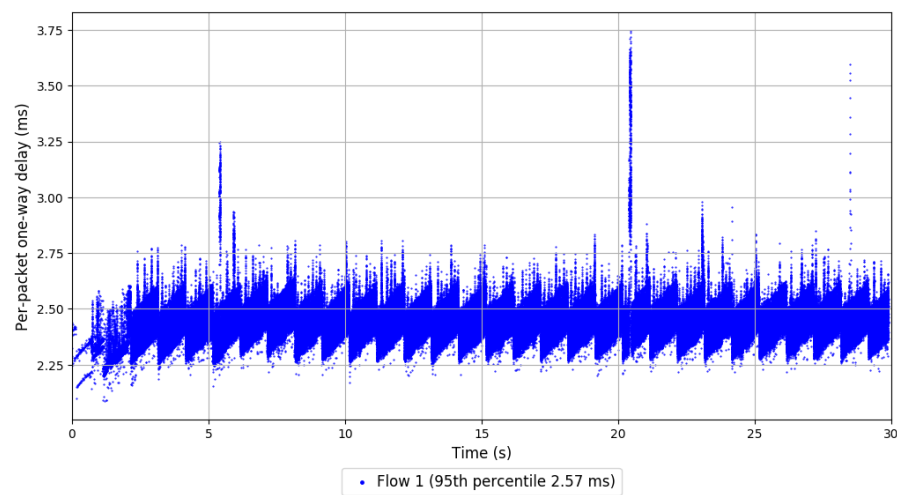
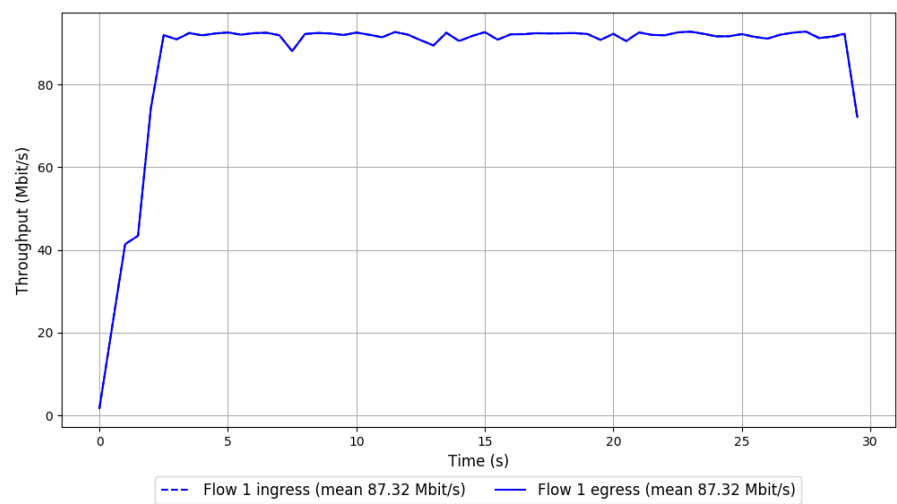


Run 8: Statistics of Vivace-latency

Start at: 2018-03-13 06:37:58
End at: 2018-03-13 06:38:28
Local clock offset: -4.409 ms
Remote clock offset: -7.082 ms

Below is generated by plot.py at 2018-03-13 08:31:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 2.574 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 2.574 ms
Loss rate: 0.00%

Run 8: Report of Vivace-latency — Data Link

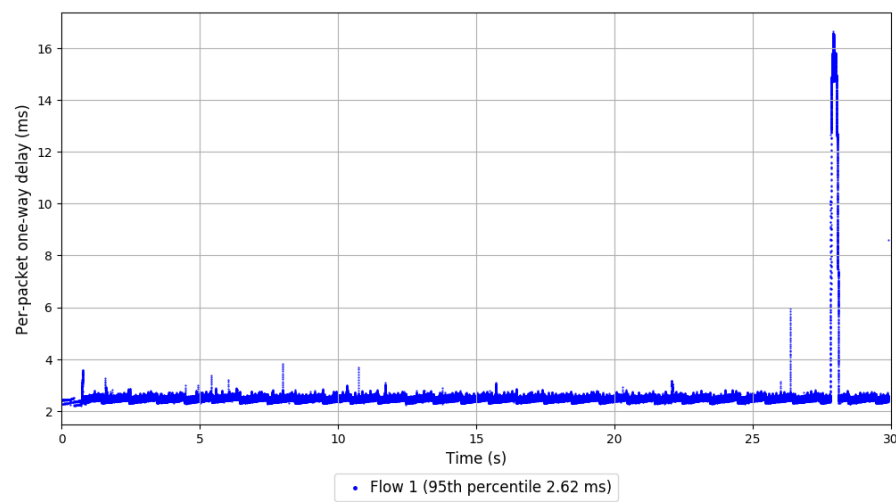
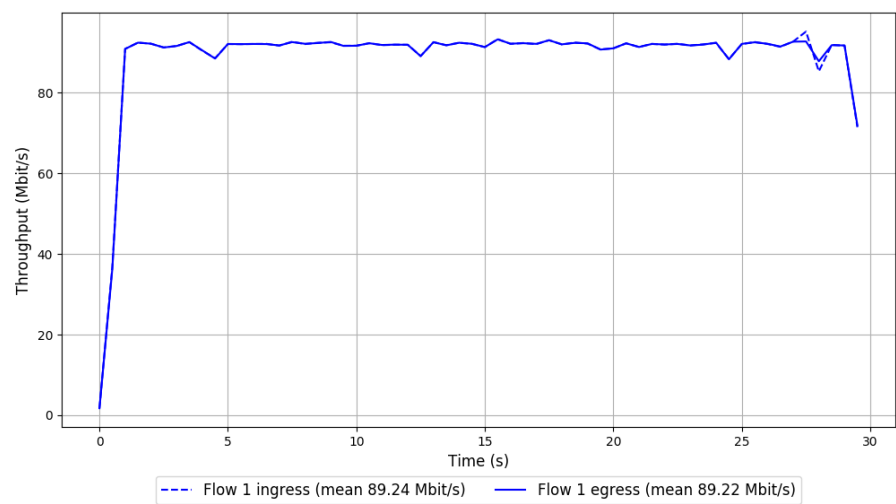


Run 9: Statistics of Vivace-latency

Start at: 2018-03-13 06:58:20
End at: 2018-03-13 06:58:50
Local clock offset: -5.653 ms
Remote clock offset: -7.273 ms

Below is generated by plot.py at 2018-03-13 08:31:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.22 Mbit/s
95th percentile per-packet one-way delay: 2.619 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.22 Mbit/s
95th percentile per-packet one-way delay: 2.619 ms
Loss rate: 0.00%

Run 9: Report of Vivace-latency — Data Link

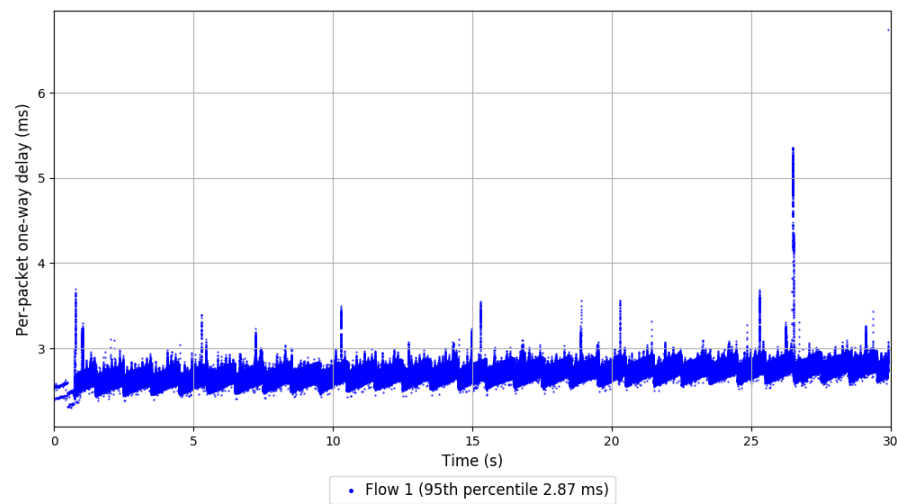
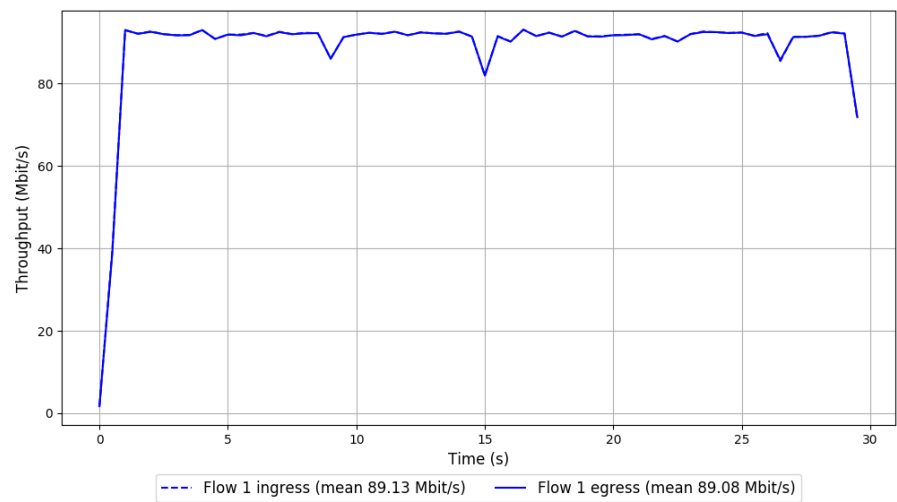


Run 10: Statistics of Vivace-latency

Start at: 2018-03-13 07:18:47
End at: 2018-03-13 07:19:17
Local clock offset: -5.008 ms
Remote clock offset: -7.647 ms

Below is generated by plot.py at 2018-03-13 08:32:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 2.868 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 2.868 ms
Loss rate: 0.04%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-03-13 04:26:27

End at: 2018-03-13 04:26:57

Local clock offset: -7.765 ms

Remote clock offset: -6.183 ms

Below is generated by plot.py at 2018-03-13 08:32:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.06 Mbit/s

95th percentile per-packet one-way delay: 32.255 ms

Loss rate: 2.88%

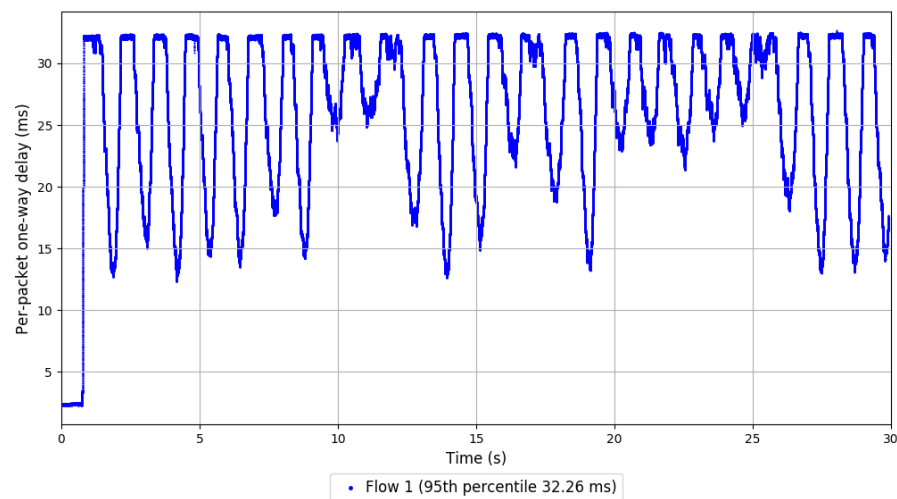
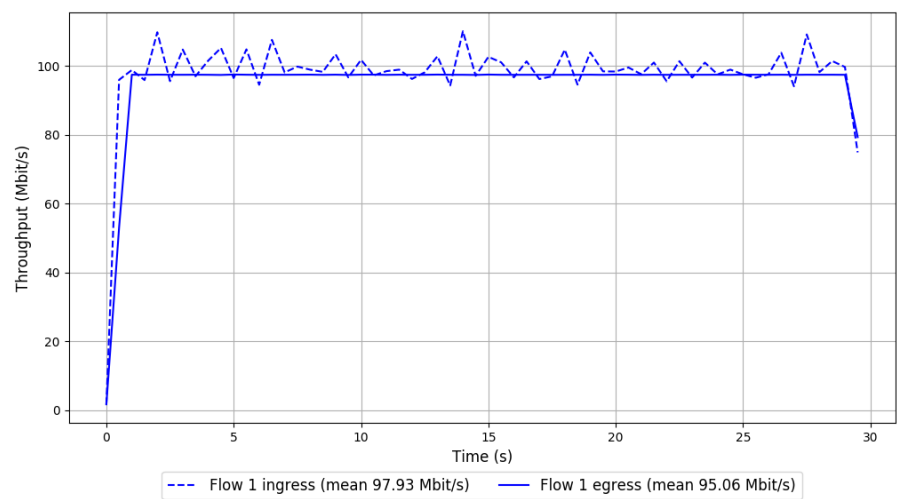
-- Flow 1:

Average throughput: 95.06 Mbit/s

95th percentile per-packet one-way delay: 32.255 ms

Loss rate: 2.88%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-03-13 04:46:52

End at: 2018-03-13 04:47:22

Local clock offset: -4.838 ms

Remote clock offset: -6.356 ms

Below is generated by plot.py at 2018-03-13 08:33:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.06 Mbit/s

95th percentile per-packet one-way delay: 32.188 ms

Loss rate: 2.99%

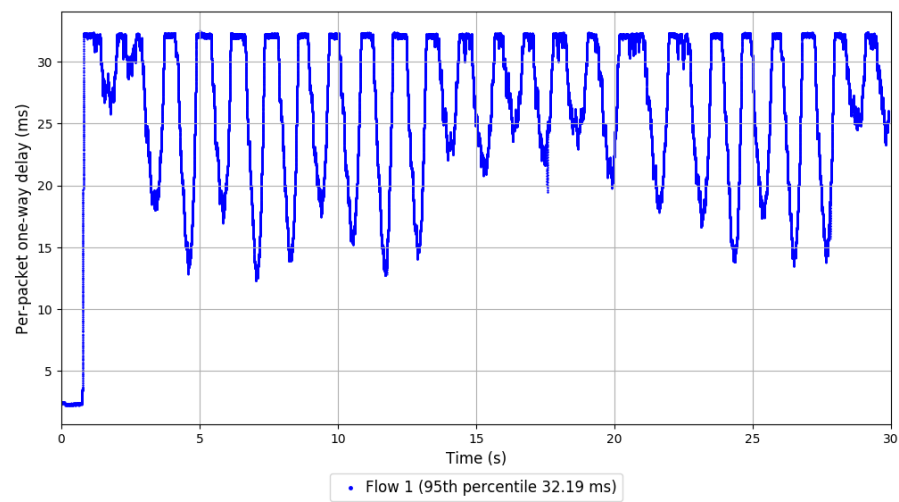
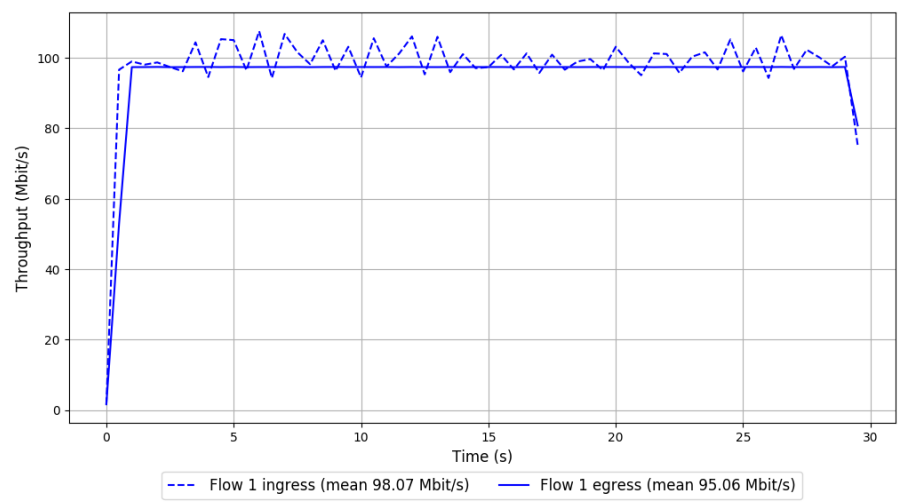
-- Flow 1:

Average throughput: 95.06 Mbit/s

95th percentile per-packet one-way delay: 32.188 ms

Loss rate: 2.99%

Run 2: Report of Vivace-loss — Data Link

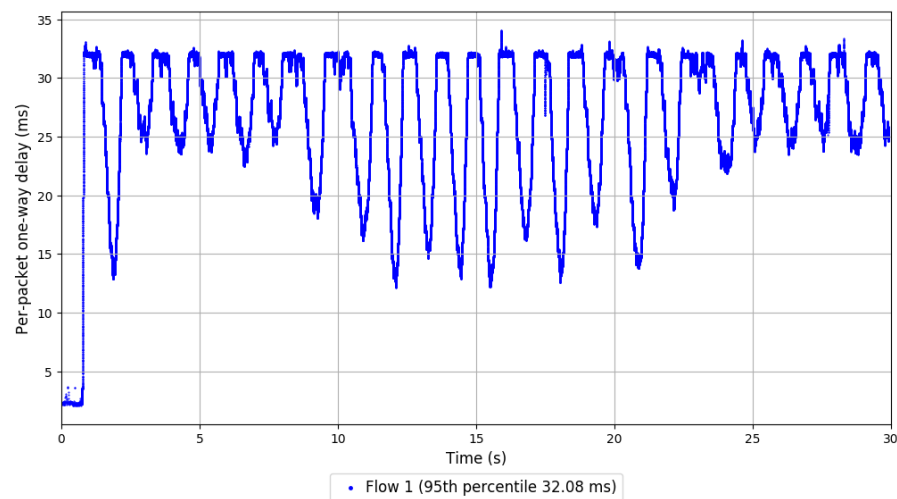
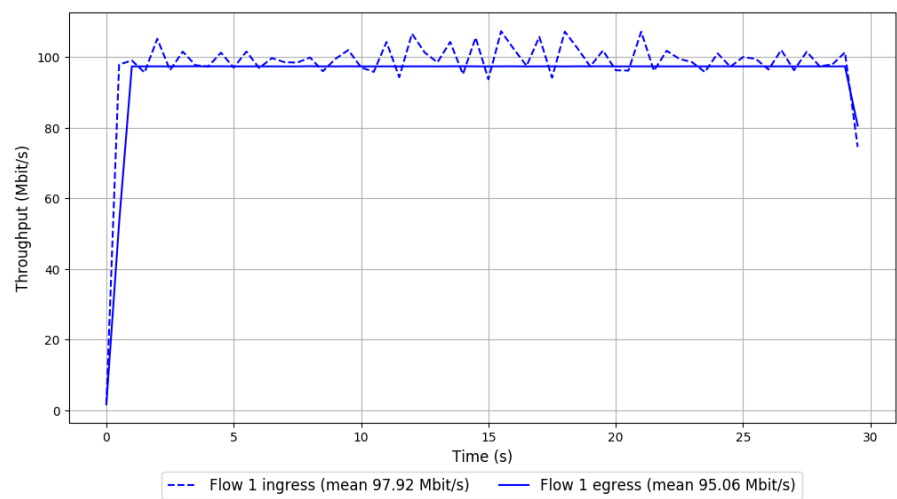


Run 3: Statistics of Vivace-loss

Start at: 2018-03-13 05:07:17
End at: 2018-03-13 05:07:47
Local clock offset: -5.138 ms
Remote clock offset: -6.596 ms

Below is generated by plot.py at 2018-03-13 08:33:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.06 Mbit/s
95th percentile per-packet one-way delay: 32.080 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 95.06 Mbit/s
95th percentile per-packet one-way delay: 32.080 ms
Loss rate: 2.85%

Run 3: Report of Vivace-loss — Data Link

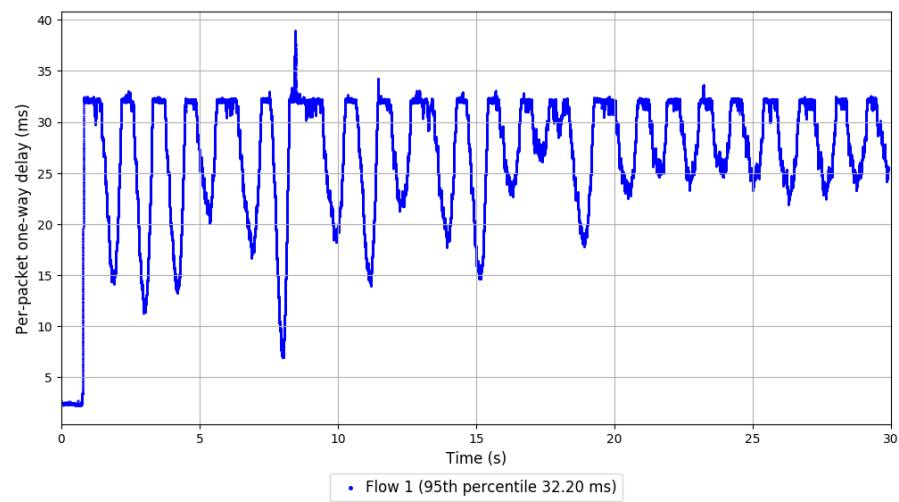
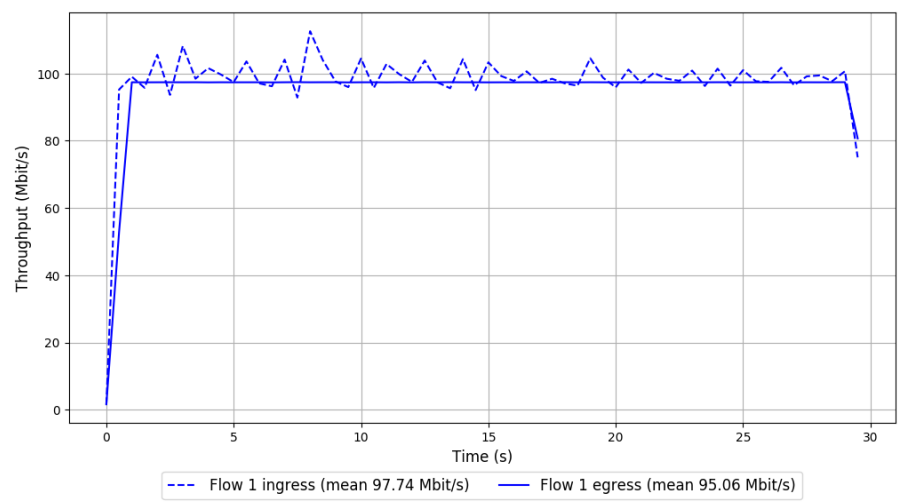


Run 4: Statistics of Vivace-loss

Start at: 2018-03-13 05:27:40
End at: 2018-03-13 05:28:10
Local clock offset: -5.661 ms
Remote clock offset: -6.542 ms

Below is generated by plot.py at 2018-03-13 08:33:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.06 Mbit/s
95th percentile per-packet one-way delay: 32.200 ms
Loss rate: 2.67%
-- Flow 1:
Average throughput: 95.06 Mbit/s
95th percentile per-packet one-way delay: 32.200 ms
Loss rate: 2.67%

Run 4: Report of Vivace-loss — Data Link

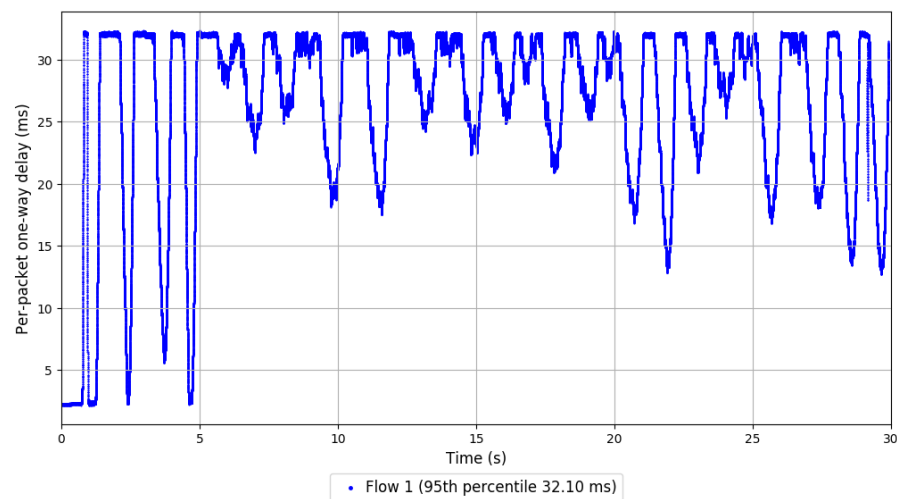
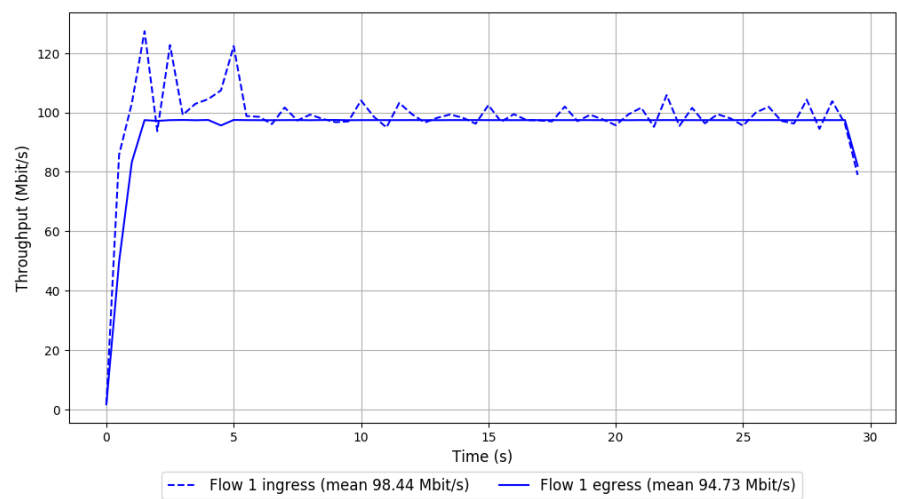


Run 5: Statistics of Vivace-loss

Start at: 2018-03-13 05:48:05
End at: 2018-03-13 05:48:35
Local clock offset: -6.431 ms
Remote clock offset: -6.631 ms

Below is generated by plot.py at 2018-03-13 08:33:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.73 Mbit/s
95th percentile per-packet one-way delay: 32.100 ms
Loss rate: 3.67%
-- Flow 1:
Average throughput: 94.73 Mbit/s
95th percentile per-packet one-way delay: 32.100 ms
Loss rate: 3.67%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-03-13 06:08:30

End at: 2018-03-13 06:09:00

Local clock offset: -6.913 ms

Remote clock offset: -6.94 ms

Below is generated by plot.py at 2018-03-13 08:33:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 32.322 ms

Loss rate: 3.73%

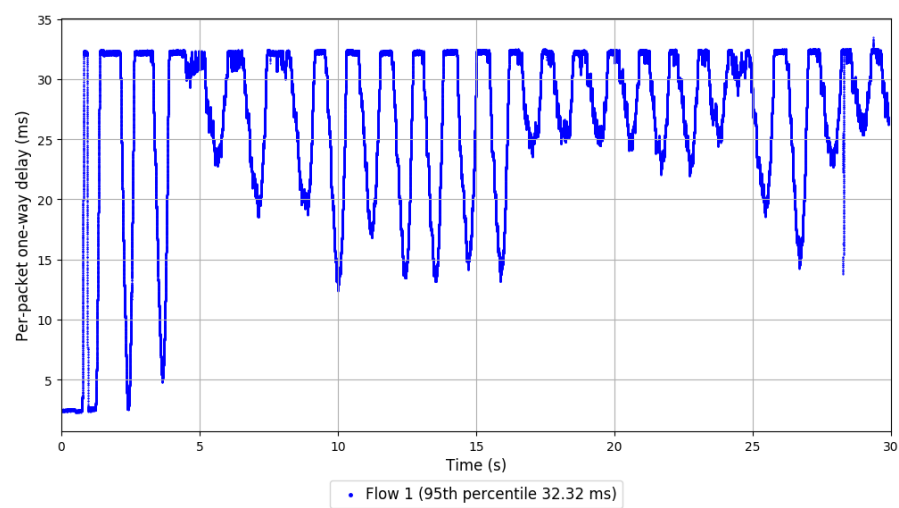
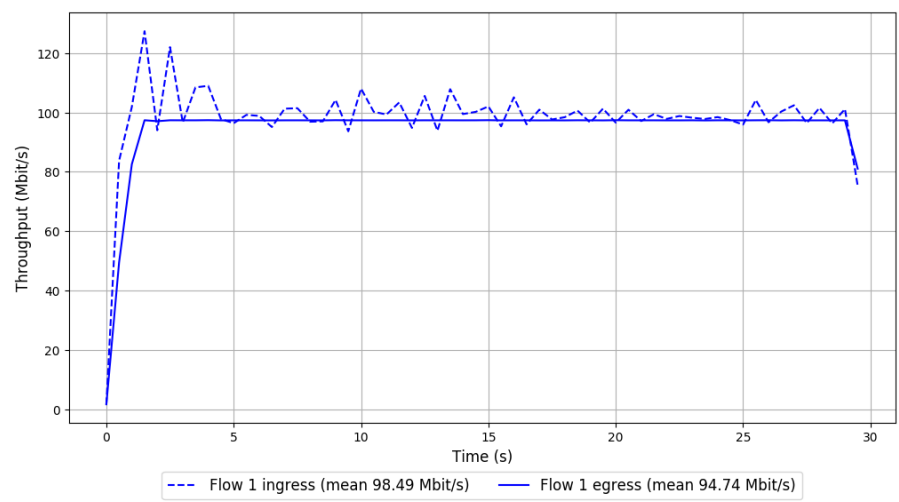
-- Flow 1:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 32.322 ms

Loss rate: 3.73%

Run 6: Report of Vivace-loss — Data Link

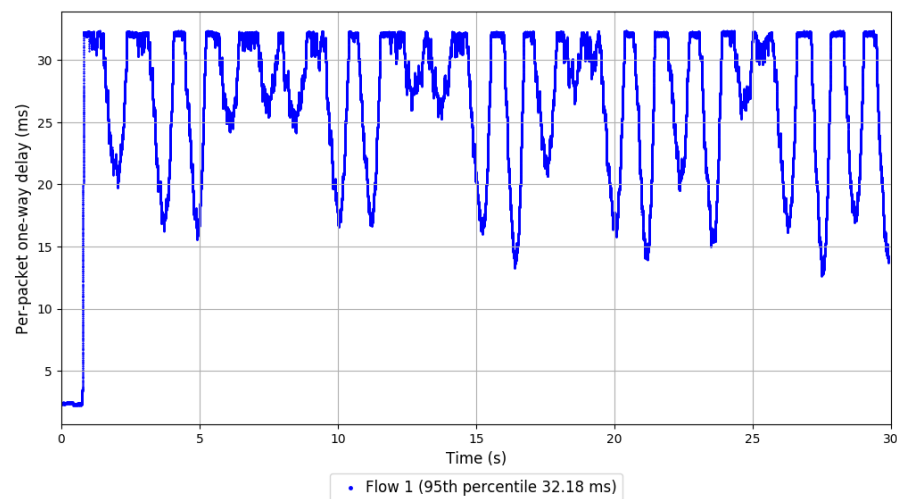
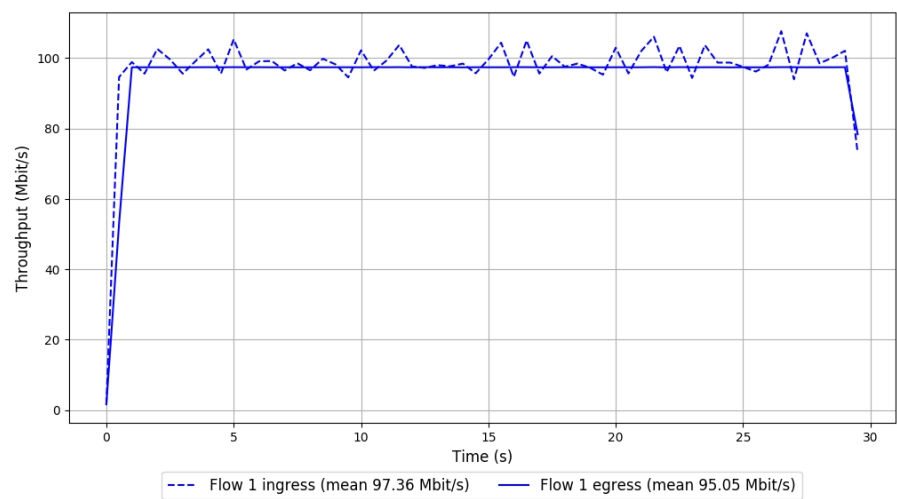


Run 7: Statistics of Vivace-loss

Start at: 2018-03-13 06:28:50
End at: 2018-03-13 06:29:20
Local clock offset: -4.744 ms
Remote clock offset: -7.034 ms

Below is generated by plot.py at 2018-03-13 08:33:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 32.178 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 32.178 ms
Loss rate: 2.34%

Run 7: Report of Vivace-loss — Data Link

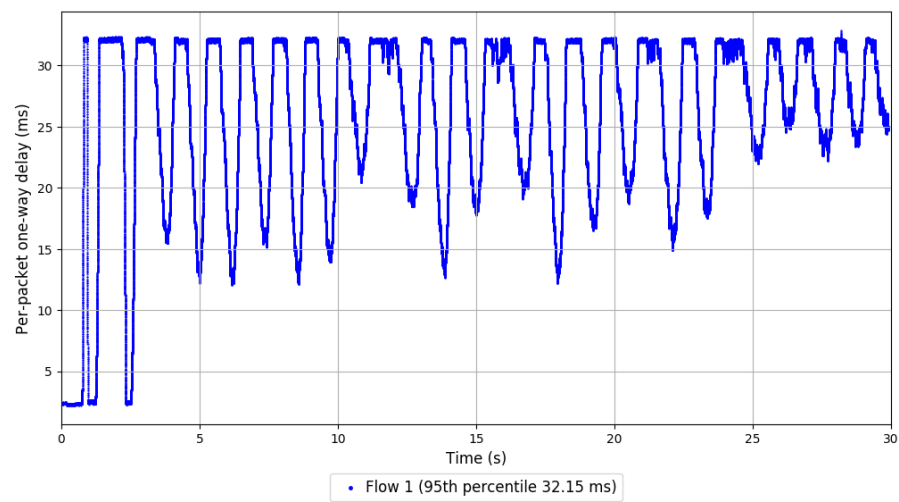
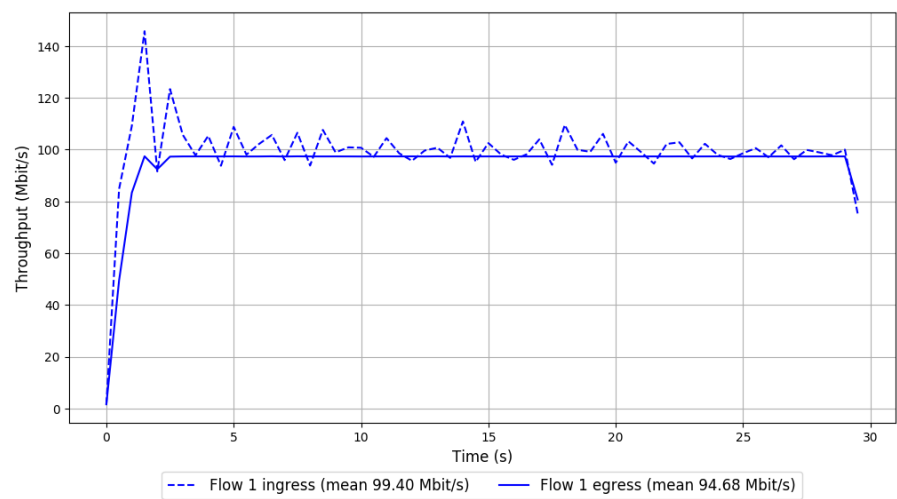


Run 8: Statistics of Vivace-loss

Start at: 2018-03-13 06:49:15
End at: 2018-03-13 06:49:45
Local clock offset: -5.197 ms
Remote clock offset: -7.137 ms

Below is generated by plot.py at 2018-03-13 08:33:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.68 Mbit/s
95th percentile per-packet one-way delay: 32.146 ms
Loss rate: 4.68%
-- Flow 1:
Average throughput: 94.68 Mbit/s
95th percentile per-packet one-way delay: 32.146 ms
Loss rate: 4.68%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-03-13 07:09:38

End at: 2018-03-13 07:10:08

Local clock offset: -5.745 ms

Remote clock offset: -7.479 ms

Below is generated by plot.py at 2018-03-13 08:34:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.01 Mbit/s

95th percentile per-packet one-way delay: 32.053 ms

Loss rate: 2.75%

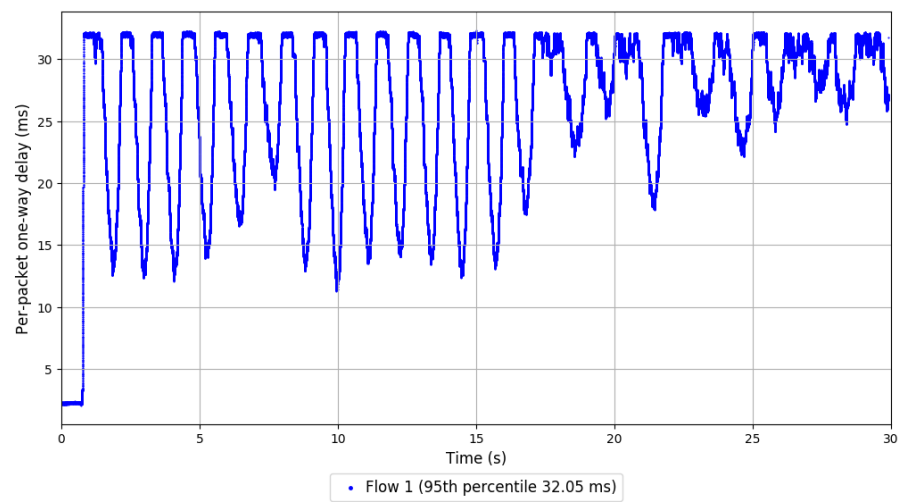
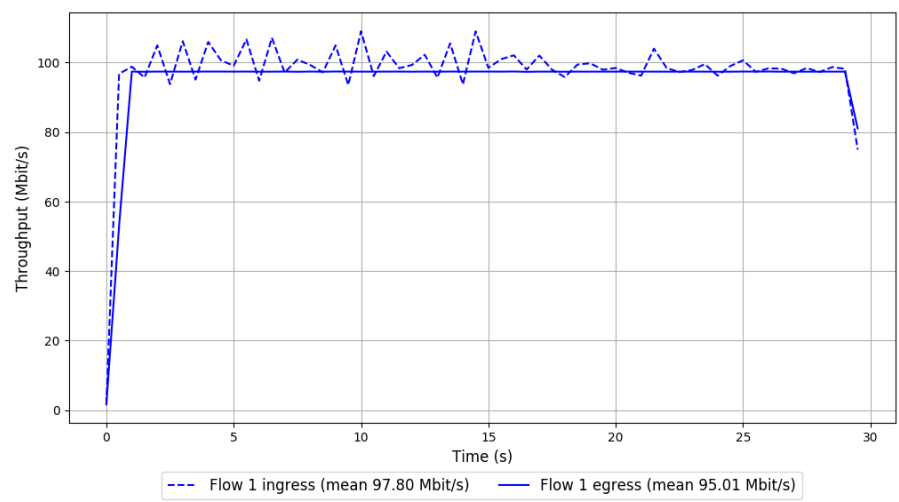
-- Flow 1:

Average throughput: 95.01 Mbit/s

95th percentile per-packet one-way delay: 32.053 ms

Loss rate: 2.75%

Run 9: Report of Vivace-loss — Data Link

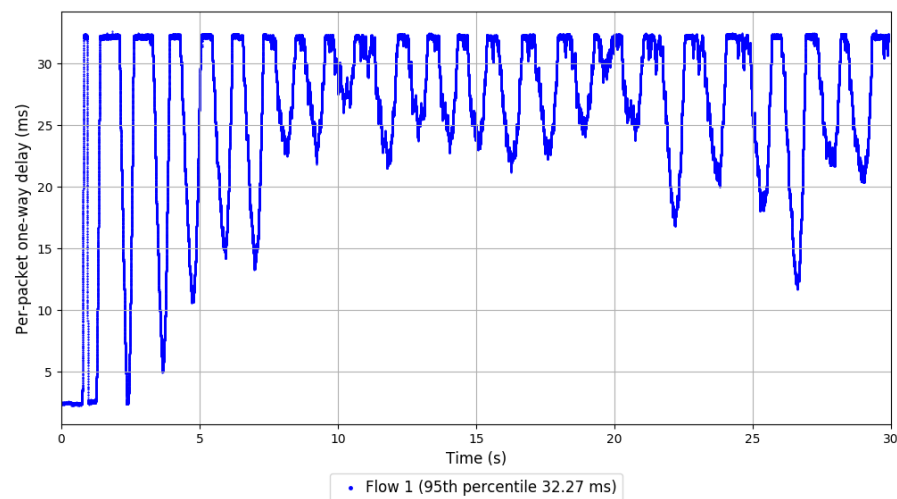
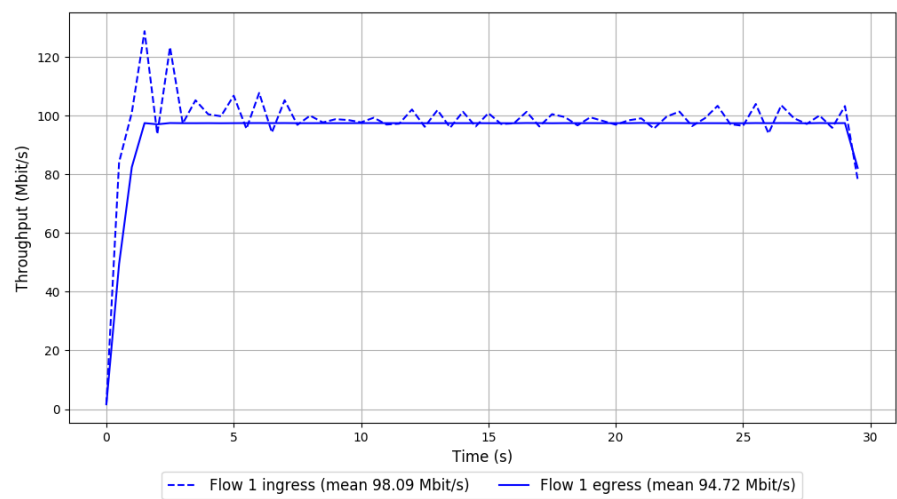


Run 10: Statistics of Vivace-loss

Start at: 2018-03-13 07:30:03
End at: 2018-03-13 07:30:33
Local clock offset: -2.315 ms
Remote clock offset: -7.597 ms

Below is generated by plot.py at 2018-03-13 08:34:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.72 Mbit/s
95th percentile per-packet one-way delay: 32.267 ms
Loss rate: 3.33%
-- Flow 1:
Average throughput: 94.72 Mbit/s
95th percentile per-packet one-way delay: 32.267 ms
Loss rate: 3.33%

Run 10: Report of Vivace-loss — Data Link

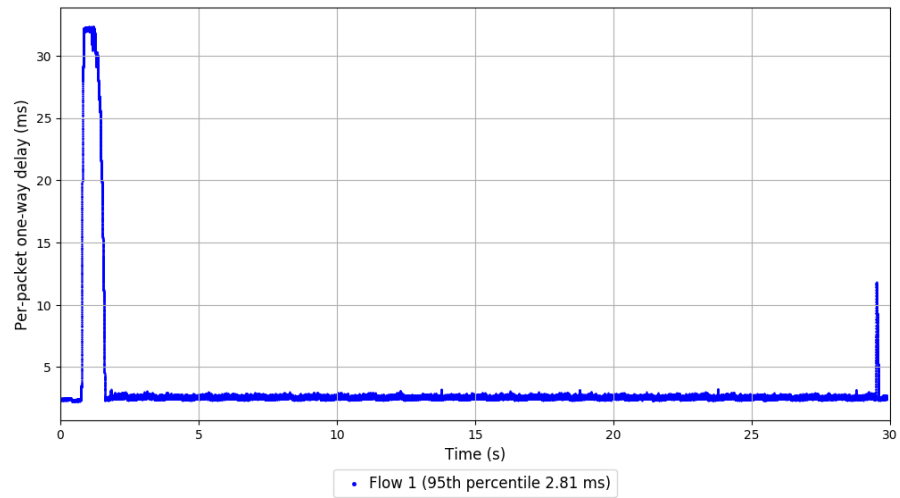
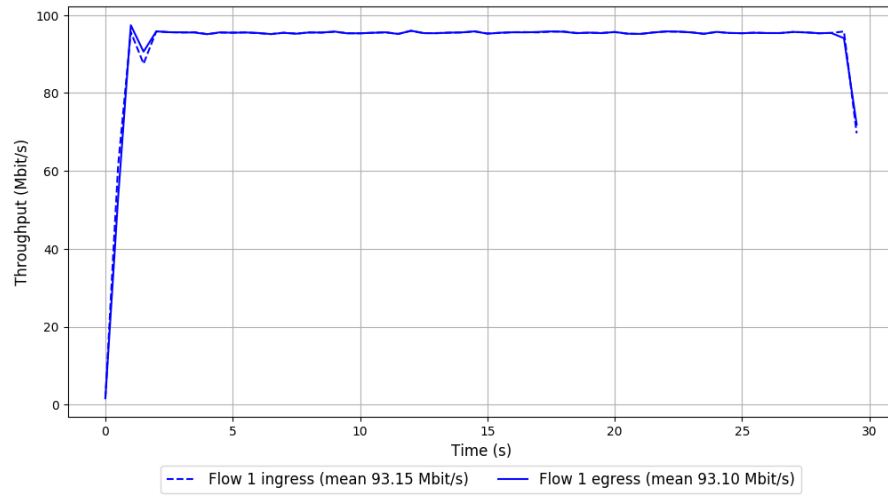


Run 1: Statistics of Vivace-LTE

Start at: 2018-03-13 04:14:05
End at: 2018-03-13 04:14:35
Local clock offset: -7.574 ms
Remote clock offset: -6.097 ms

Below is generated by plot.py at 2018-03-13 08:34:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 2.808 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 2.808 ms
Loss rate: 0.05%

Run 1: Report of Vivace-LTE — Data Link

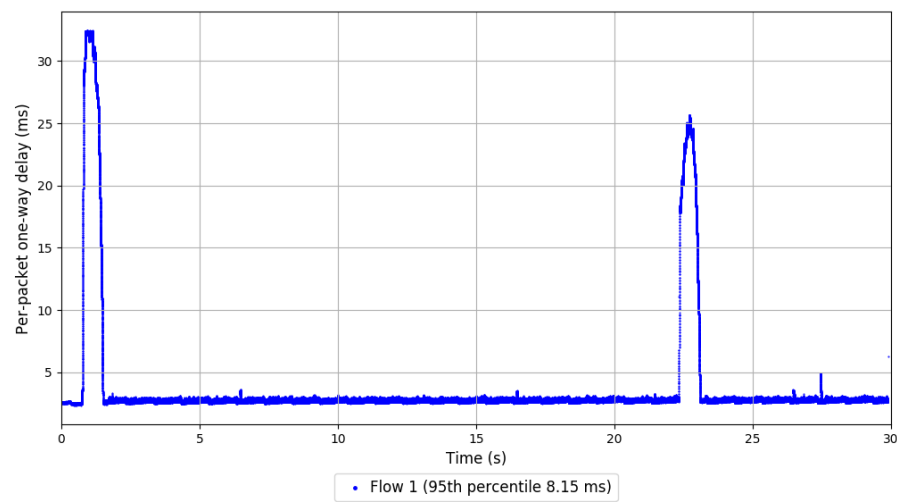
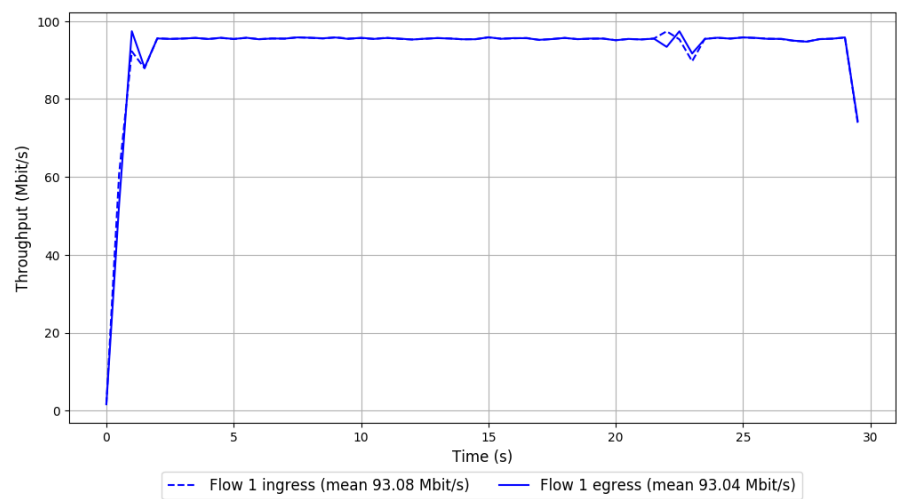


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-13 04:34:26
End at: 2018-03-13 04:34:56
Local clock offset: -5.952 ms
Remote clock offset: -6.119 ms

Below is generated by plot.py at 2018-03-13 08:34:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 8.148 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 8.148 ms
Loss rate: 0.04%

Run 2: Report of Vivace-LTE — Data Link

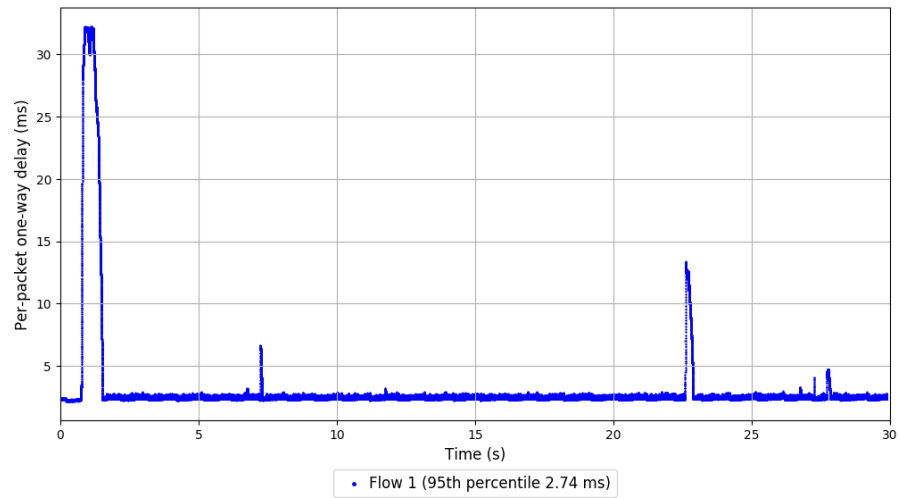
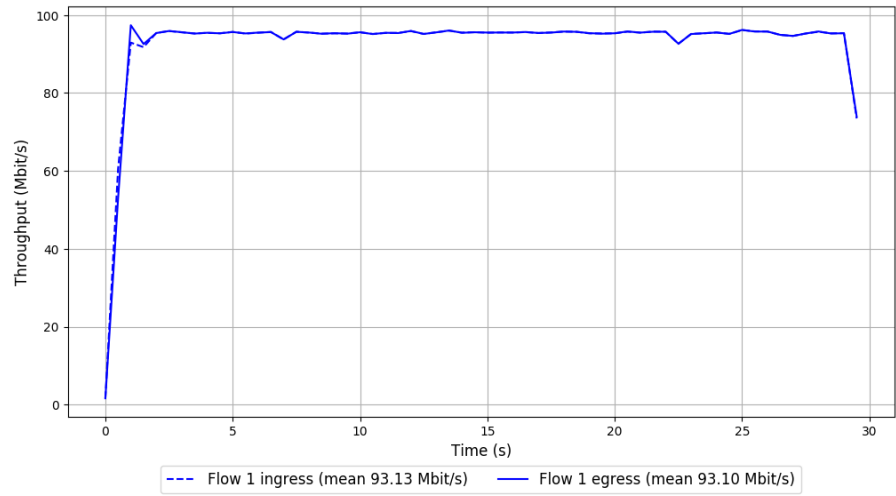


Run 3: Statistics of Vivace-LTE

Start at: 2018-03-13 04:54:51
End at: 2018-03-13 04:55:21
Local clock offset: -4.657 ms
Remote clock offset: -6.529 ms

Below is generated by plot.py at 2018-03-13 08:34:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 2.744 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 2.744 ms
Loss rate: 0.03%

Run 3: Report of Vivace-LTE — Data Link

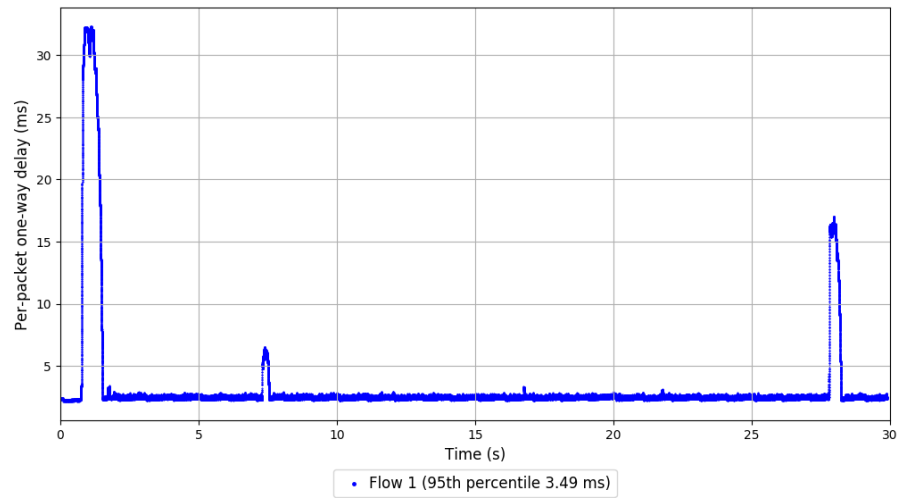
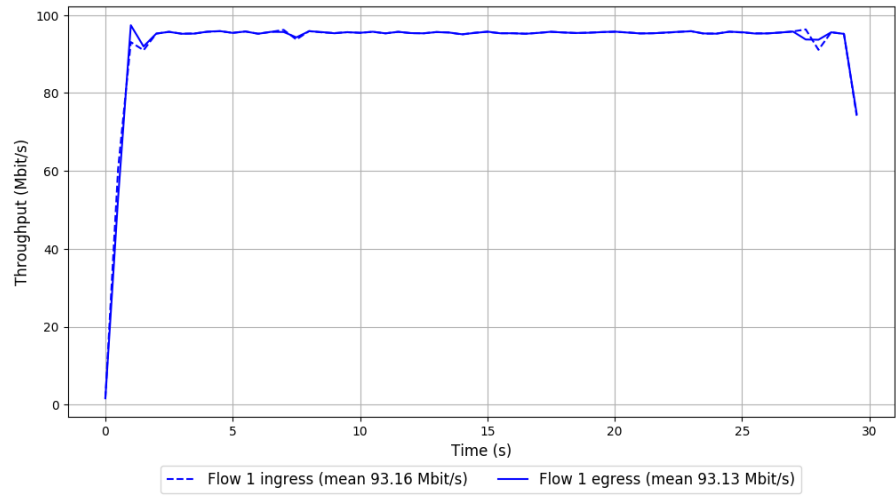


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-13 05:15:16
End at: 2018-03-13 05:15:46
Local clock offset: -5.39 ms
Remote clock offset: -6.548 ms

Below is generated by plot.py at 2018-03-13 08:34:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 3.488 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 3.488 ms
Loss rate: 0.03%

Run 4: Report of Vivace-LTE — Data Link

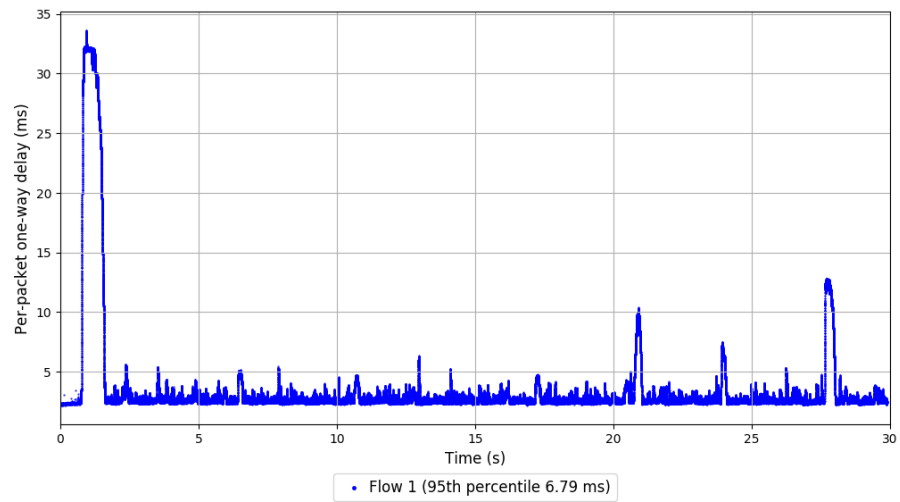
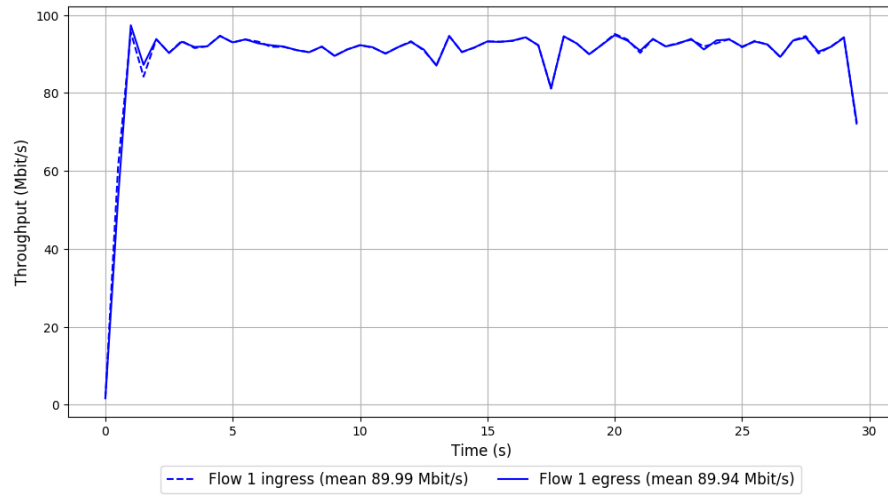


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-13 05:35:39
End at: 2018-03-13 05:36:09
Local clock offset: -5.858 ms
Remote clock offset: -6.567 ms

Below is generated by plot.py at 2018-03-13 08:34:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 6.789 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 6.789 ms
Loss rate: 0.05%

Run 5: Report of Vivace-LTE — Data Link

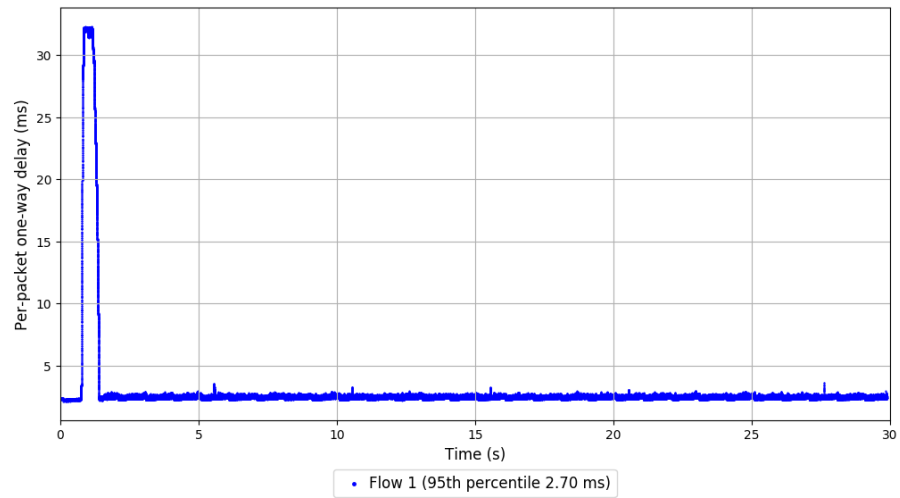
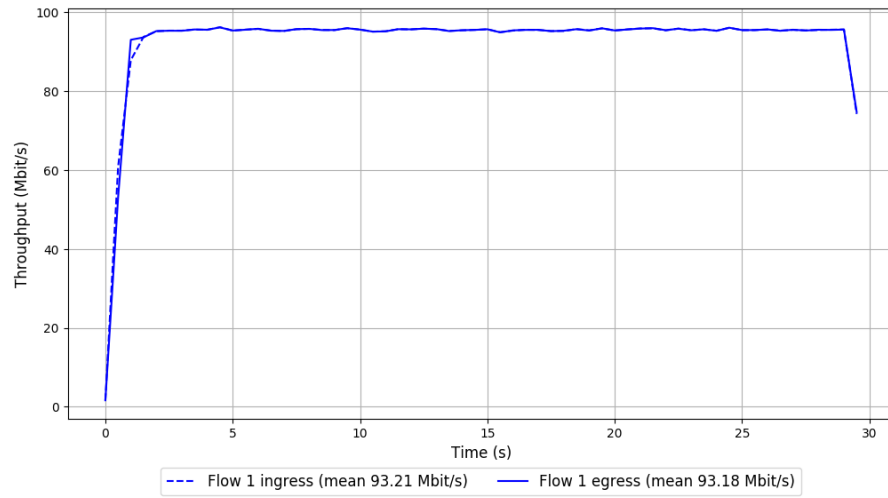


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-13 05:56:04
End at: 2018-03-13 05:56:34
Local clock offset: -6.652 ms
Remote clock offset: -6.786 ms

Below is generated by plot.py at 2018-03-13 08:35:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 2.699 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 2.699 ms
Loss rate: 0.04%

Run 6: Report of Vivace-LTE — Data Link

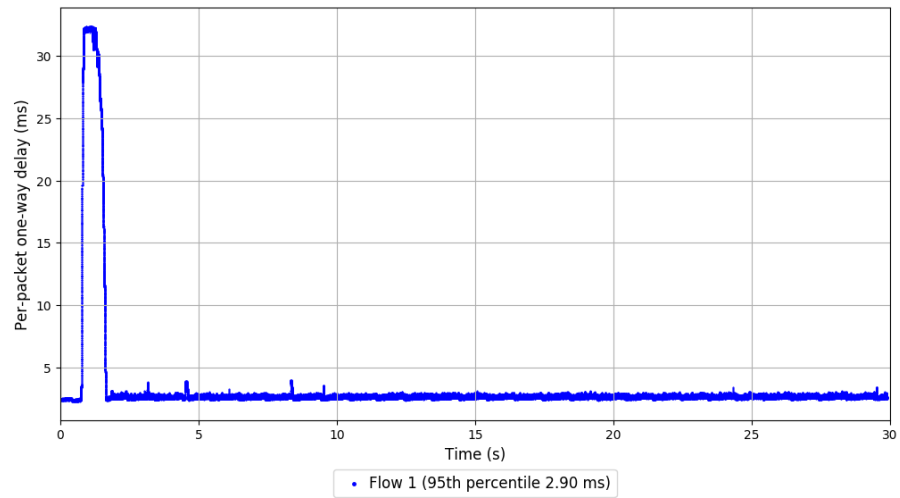
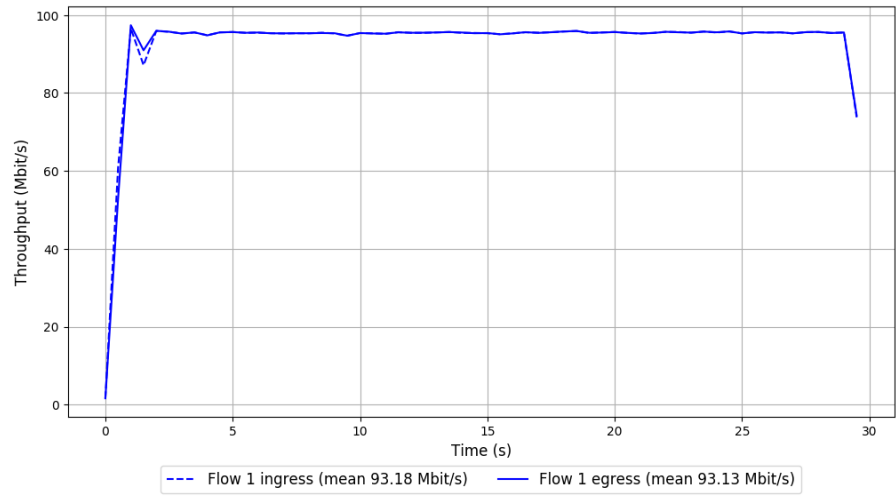


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-13 06:16:24
End at: 2018-03-13 06:16:54
Local clock offset: -5.613 ms
Remote clock offset: -7.014 ms

Below is generated by plot.py at 2018-03-13 08:35:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 2.897 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 2.897 ms
Loss rate: 0.05%

Run 7: Report of Vivace-LTE — Data Link

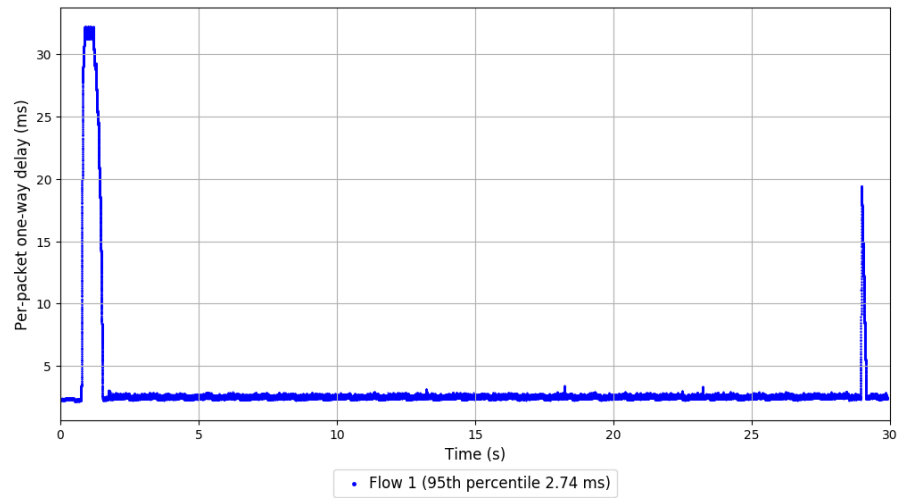
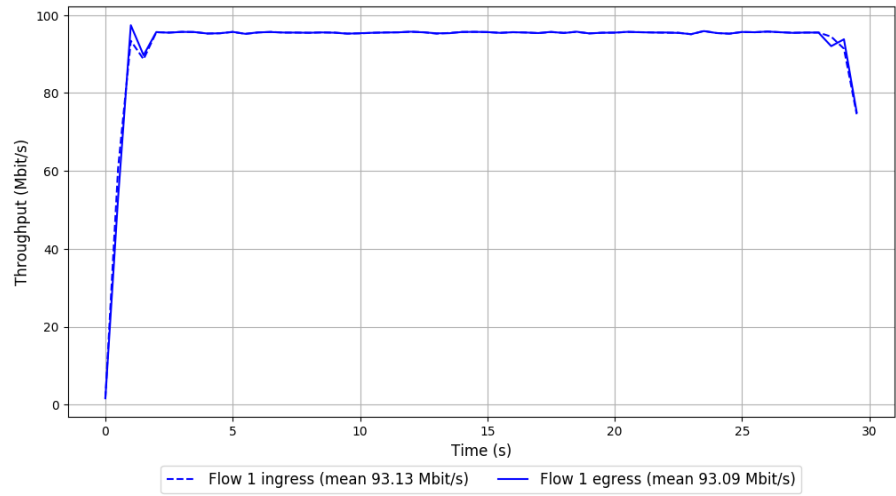


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-13 06:36:49
End at: 2018-03-13 06:37:19
Local clock offset: -4.487 ms
Remote clock offset: -7.102 ms

Below is generated by plot.py at 2018-03-13 08:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.09 Mbit/s
95th percentile per-packet one-way delay: 2.744 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.09 Mbit/s
95th percentile per-packet one-way delay: 2.744 ms
Loss rate: 0.04%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-03-13 06:57:14

End at: 2018-03-13 06:57:44

Local clock offset: -5.56 ms

Remote clock offset: -7.238 ms

Below is generated by plot.py at 2018-03-13 08:35:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.74 Mbit/s

95th percentile per-packet one-way delay: 2.527 ms

Loss rate: 4.80%

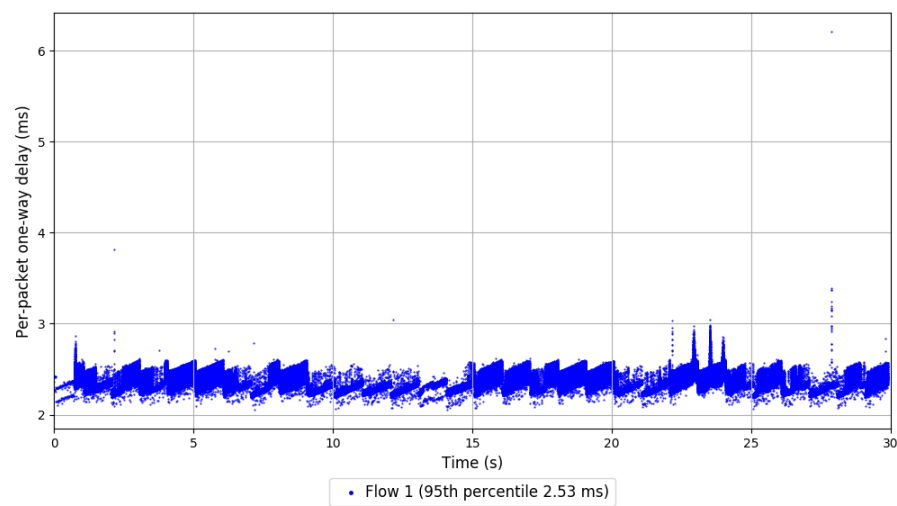
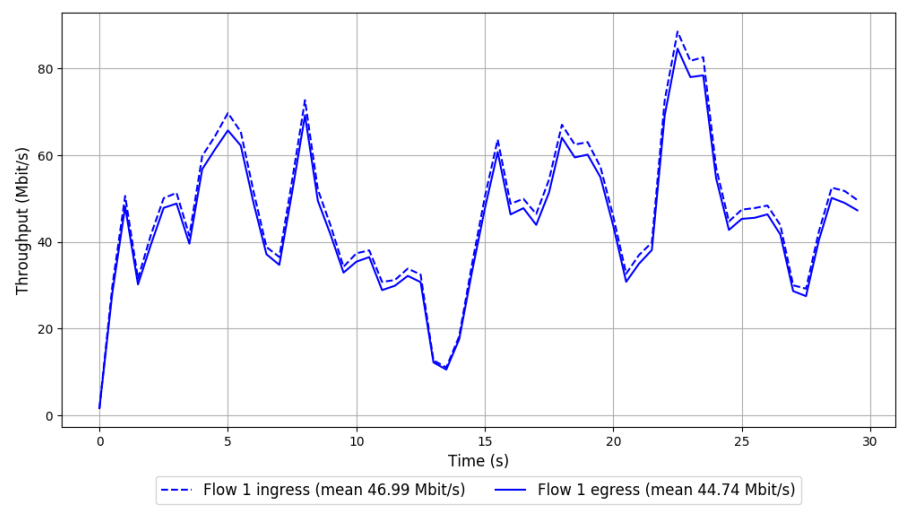
-- Flow 1:

Average throughput: 44.74 Mbit/s

95th percentile per-packet one-way delay: 2.527 ms

Loss rate: 4.80%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-13 07:17:37
End at: 2018-03-13 07:18:07
Local clock offset: -5.396 ms
Remote clock offset: -7.639 ms

Below is generated by plot.py at 2018-03-13 08:35:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: 3.019 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: 3.019 ms
Loss rate: 0.04%

Run 10: Report of Vivace-LTE — Data Link

