

Pantheon Report

Generated at 2018-04-10 16:45:40 (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).

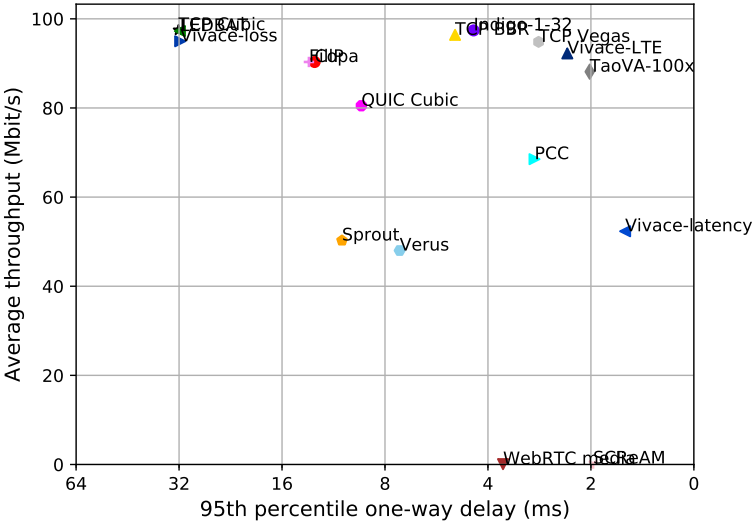
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

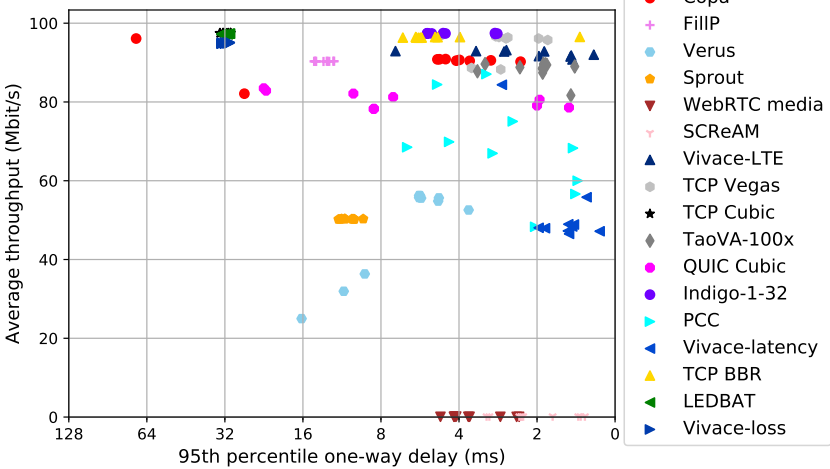
Git summary:

```
branch: master @ eb420b5be9bafccd22cf68b99ff5a2000462fc59
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 11f8c46a2bf1dc797253db7e8ca04076272b2a44
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ f271183af822eee5d0031620f4bebf38aedc5581
```

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	96.41	4.99	0.00
TCP Cubic	10	97.49	32.12	0.01
LEDBAT	10	97.25	31.83	0.01
PCC	10	68.51	2.92	0.22
QUIC Cubic	9	80.50	9.38	0.02
SCReAM	10	0.22	1.96	0.00
WebRTC media	10	0.07	3.61	0.00
Sprout	10	50.27	10.69	0.00
TaoVA-100x	10	88.14	2.02	0.22
TCP Vegas	10	94.83	2.84	0.00
Verus	10	48.01	7.25	1.61
Copa	10	90.31	12.85	8.80
FillP	10	90.32	13.35	1.21
Indigo-1-32	10	97.40	4.41	0.00
Vivace-latency	10	52.33	1.34	0.00
Vivace-loss	10	94.96	31.75	3.71
Vivace-LTE	10	92.24	2.34	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-04-10 12:35:55

End at: 2018-04-10 12:36:25

Local clock offset: -6.959 ms

Remote clock offset: -7.864 ms

Below is generated by plot.py at 2018-04-10 16:19:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 5.737 ms

Loss rate: 0.01%

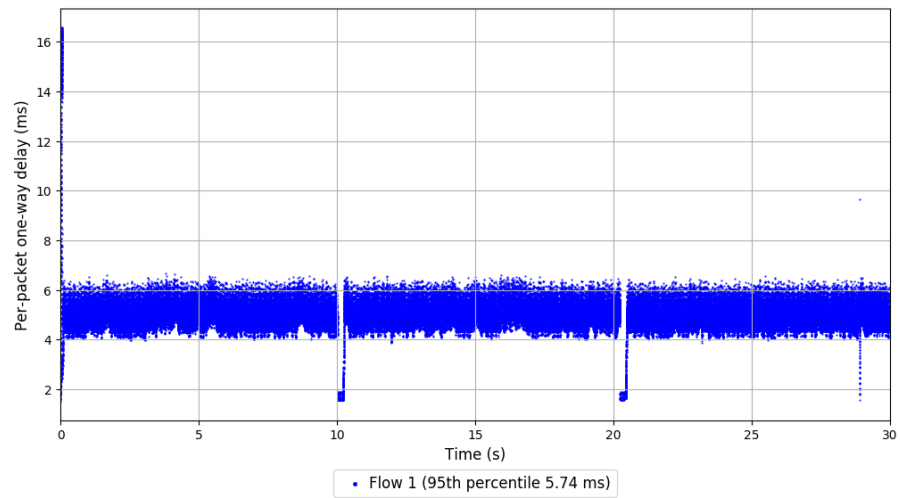
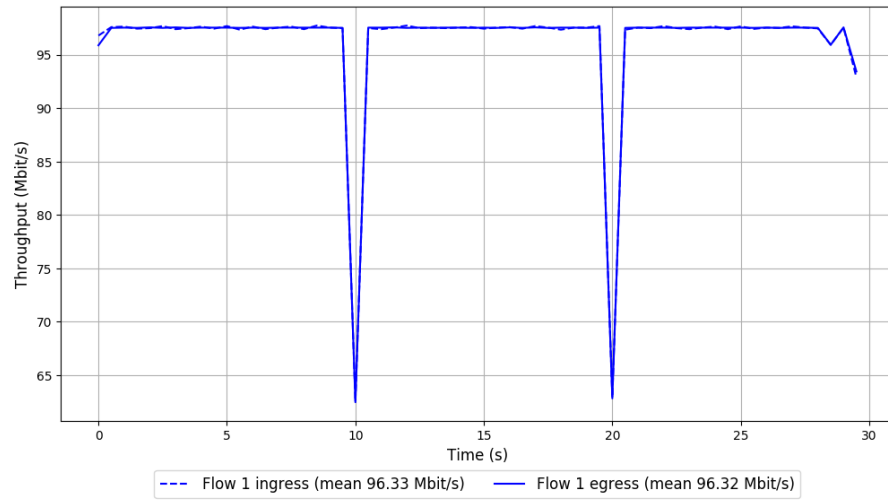
-- Flow 1:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 5.737 ms

Loss rate: 0.01%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-04-10 12:56:13

End at: 2018-04-10 12:56:43

Local clock offset: -7.797 ms

Remote clock offset: -7.56 ms

Below is generated by plot.py at 2018-04-10 16:19:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.34 Mbit/s

95th percentile per-packet one-way delay: 6.587 ms

Loss rate: 0.00%

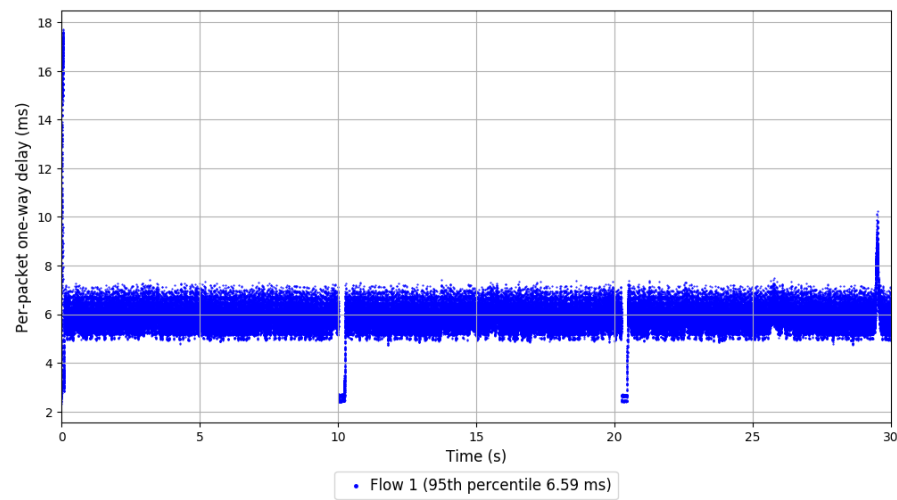
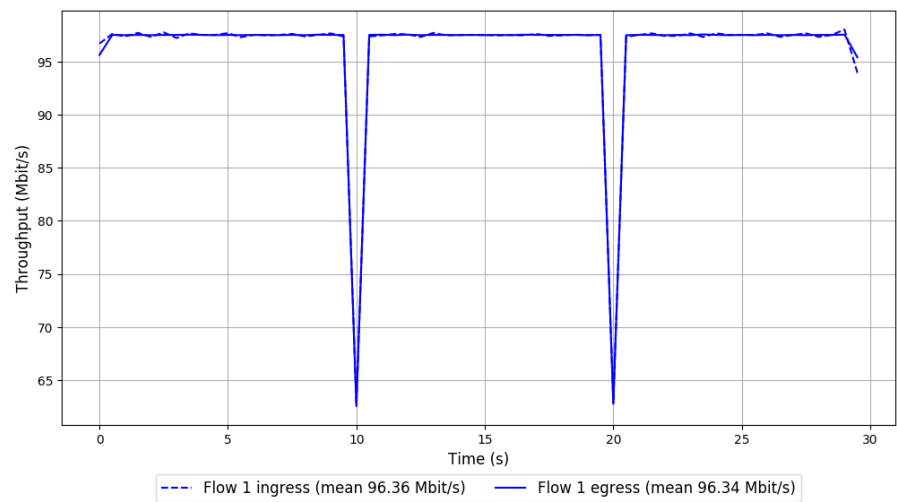
-- Flow 1:

Average throughput: 96.34 Mbit/s

95th percentile per-packet one-way delay: 6.587 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

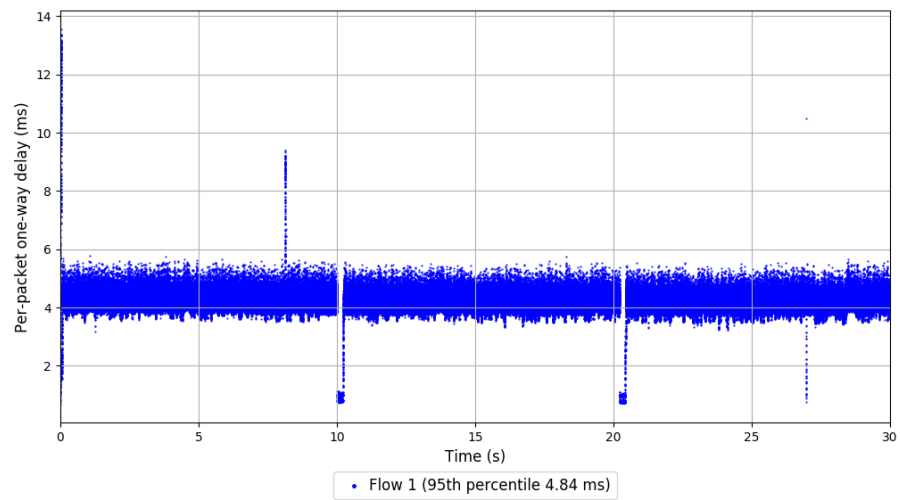
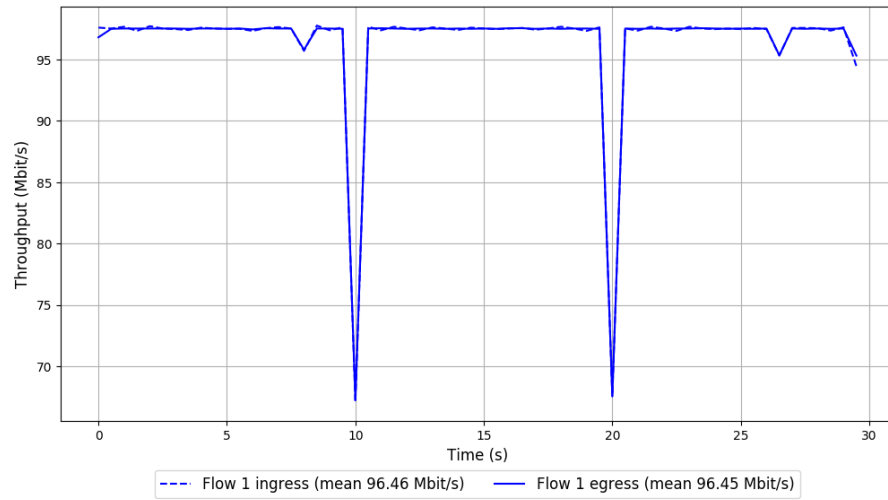


Run 3: Statistics of TCP BBR

Start at: 2018-04-10 13:16:30
End at: 2018-04-10 13:17:00
Local clock offset: -6.751 ms
Remote clock offset: -6.384 ms

Below is generated by plot.py at 2018-04-10 16:19:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.45 Mbit/s
95th percentile per-packet one-way delay: 4.838 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.45 Mbit/s
95th percentile per-packet one-way delay: 4.838 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

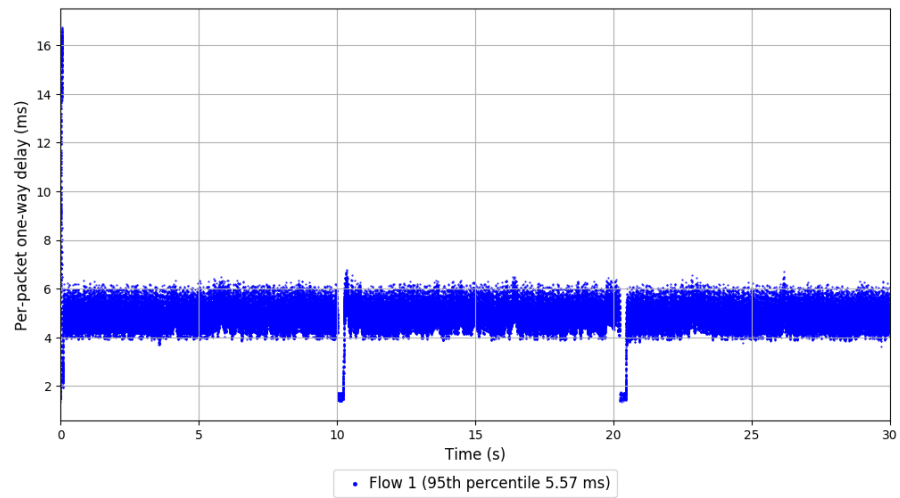
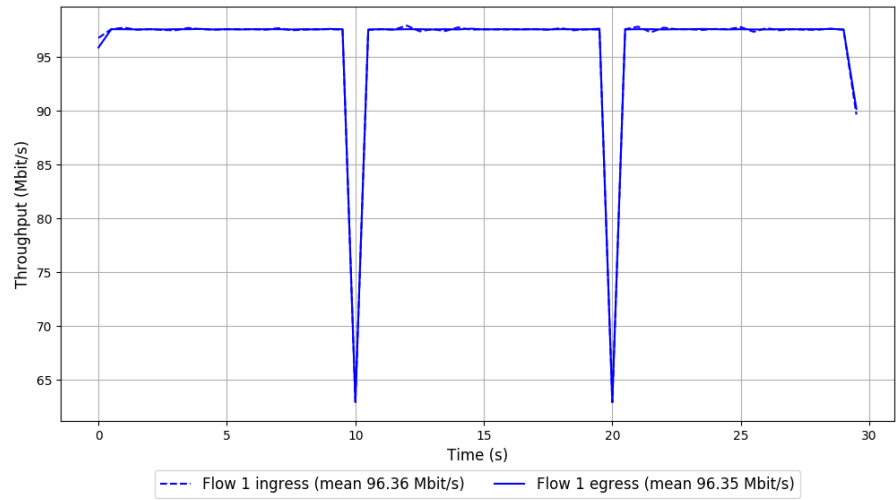


Run 4: Statistics of TCP BBR

Start at: 2018-04-10 13:36:46
End at: 2018-04-10 13:37:16
Local clock offset: -5.6 ms
Remote clock offset: -4.781 ms

Below is generated by plot.py at 2018-04-10 16:19:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 5.572 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 5.572 ms
Loss rate: 0.01%

Run 4: Report of TCP BBR — Data Link

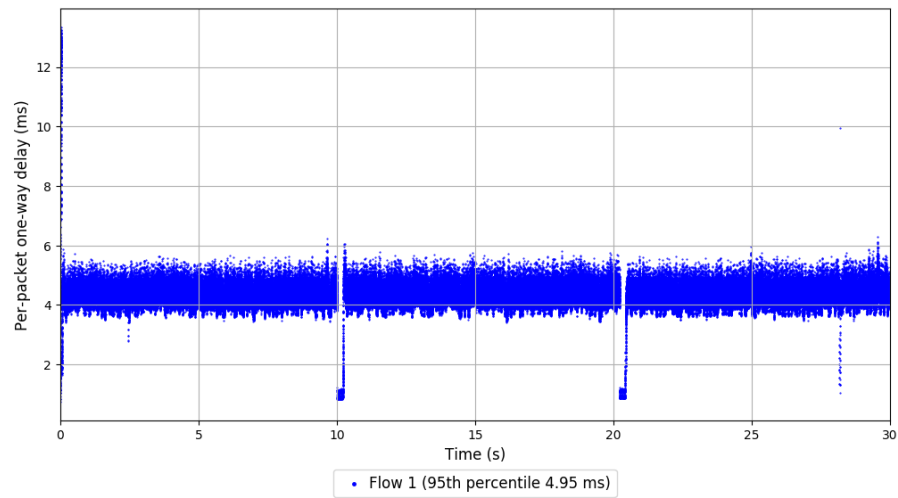
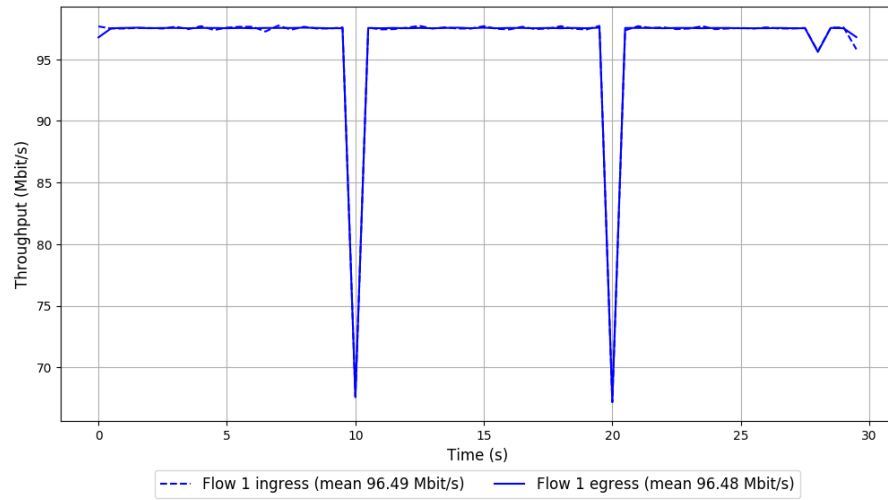


Run 5: Statistics of TCP BBR

Start at: 2018-04-10 13:57:02
End at: 2018-04-10 13:57:32
Local clock offset: -7.125 ms
Remote clock offset: -6.851 ms

Below is generated by plot.py at 2018-04-10 16:19:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 4.945 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 4.945 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

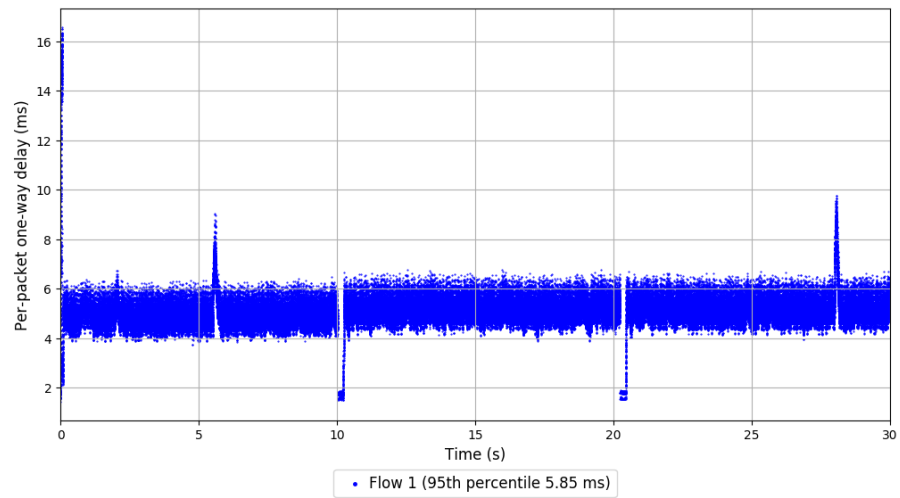
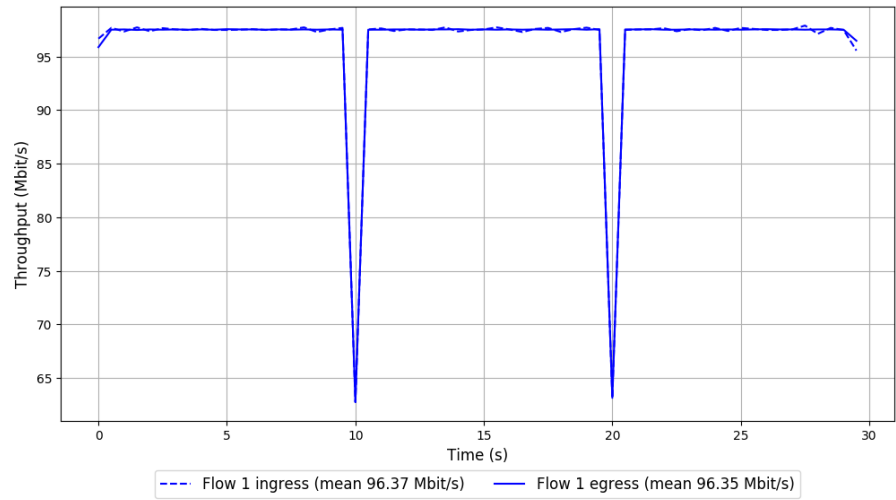


Run 6: Statistics of TCP BBR

Start at: 2018-04-10 14:17:18
End at: 2018-04-10 14:17:48
Local clock offset: -5.957 ms
Remote clock offset: -8.281 ms

Below is generated by plot.py at 2018-04-10 16:19:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 5.850 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 5.850 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

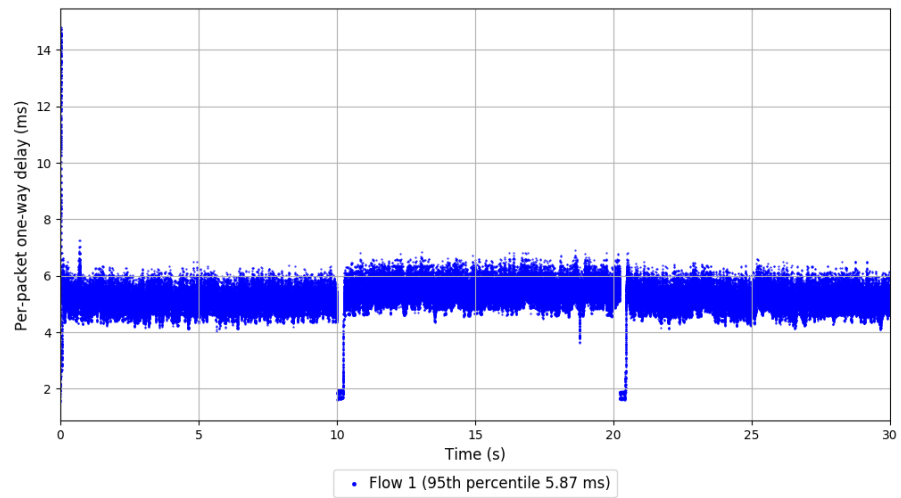
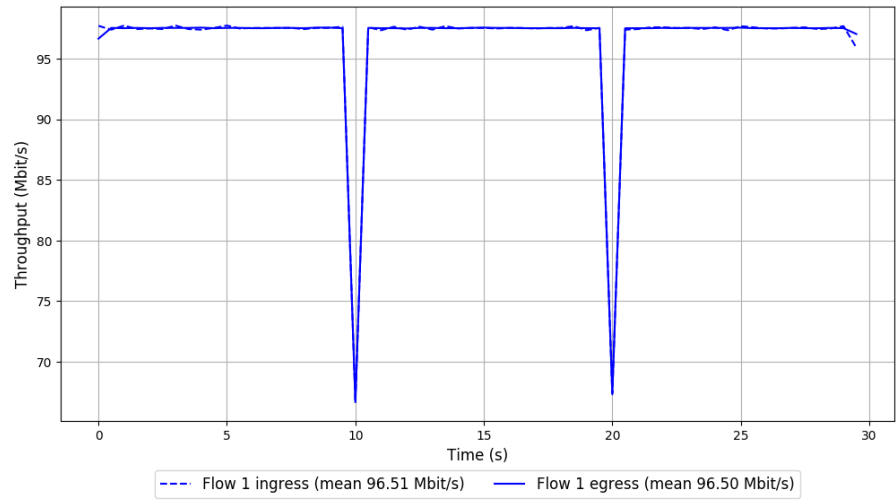


Run 7: Statistics of TCP BBR

Start at: 2018-04-10 14:37:36
End at: 2018-04-10 14:38:06
Local clock offset: -6.964 ms
Remote clock offset: -7.494 ms

Below is generated by plot.py at 2018-04-10 16:19:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 5.873 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 5.873 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link

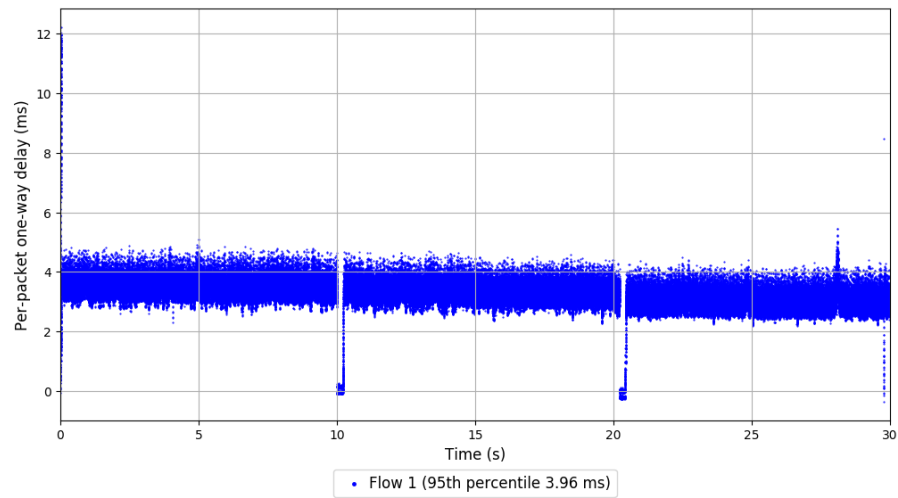
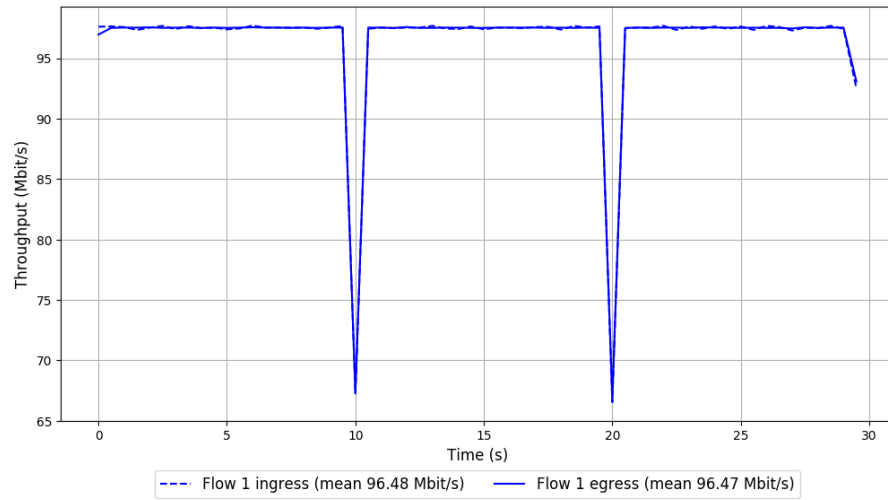


Run 8: Statistics of TCP BBR

Start at: 2018-04-10 14:57:52
End at: 2018-04-10 14:58:22
Local clock offset: -5.353 ms
Remote clock offset: -3.071 ms

Below is generated by plot.py at 2018-04-10 16:19:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.47 Mbit/s
95th percentile per-packet one-way delay: 3.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.47 Mbit/s
95th percentile per-packet one-way delay: 3.965 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-04-10 15:18:23

End at: 2018-04-10 15:18:53

Local clock offset: -5.206 ms

Remote clock offset: 5.158 ms

Below is generated by plot.py at 2018-04-10 16:20:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 5.641 ms

Loss rate: 0.01%

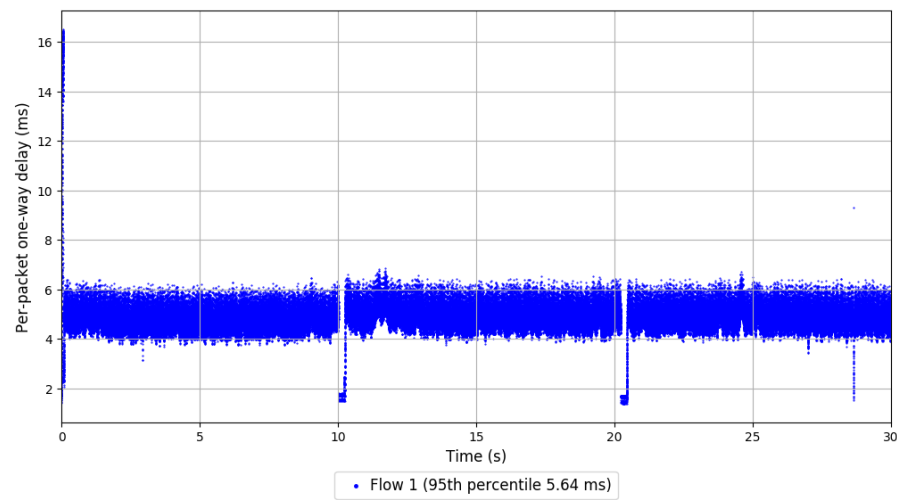
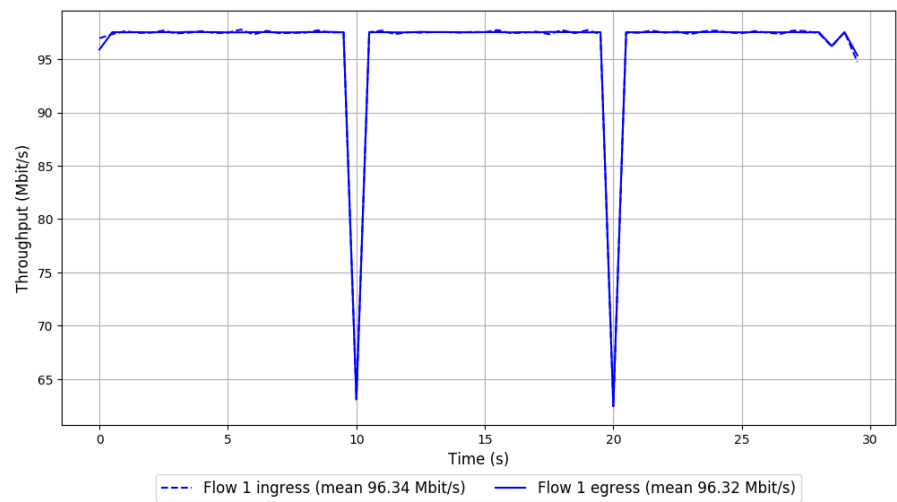
-- Flow 1:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 5.641 ms

Loss rate: 0.01%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-04-10 15:38:40

End at: 2018-04-10 15:39:10

Local clock offset: -6.571 ms

Remote clock offset: 5.615 ms

Below is generated by plot.py at 2018-04-10 16:20:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.52 Mbit/s

95th percentile per-packet one-way delay: 0.904 ms

Loss rate: 0.00%

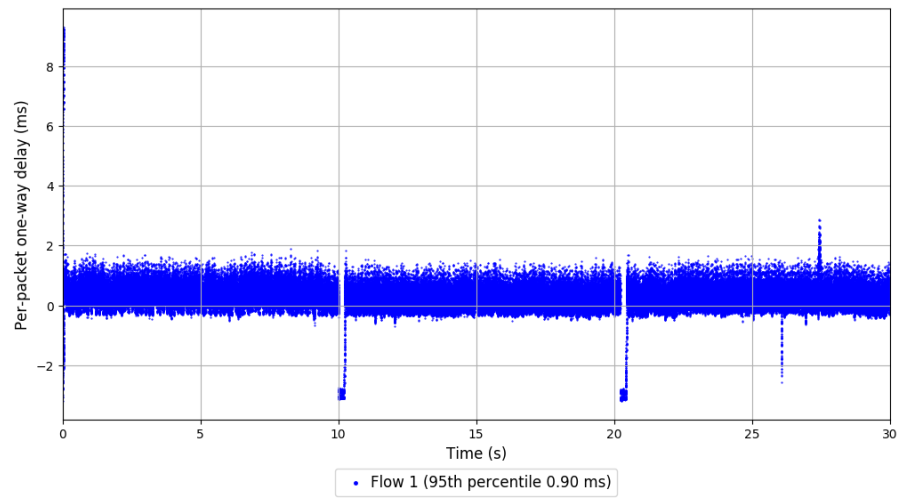
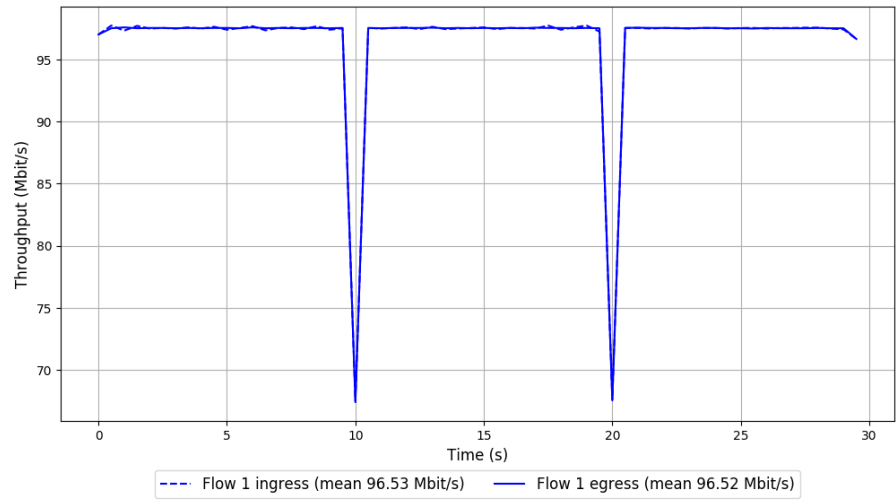
-- Flow 1:

Average throughput: 96.52 Mbit/s

95th percentile per-packet one-way delay: 0.904 ms

Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

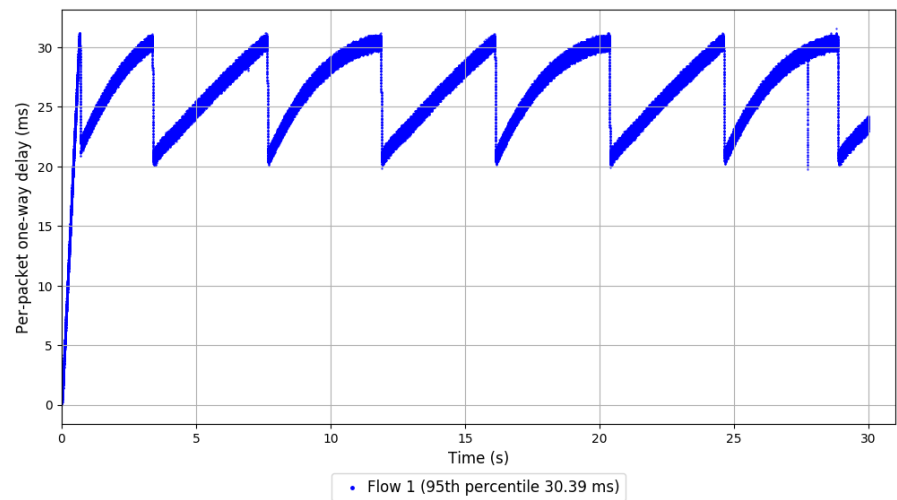
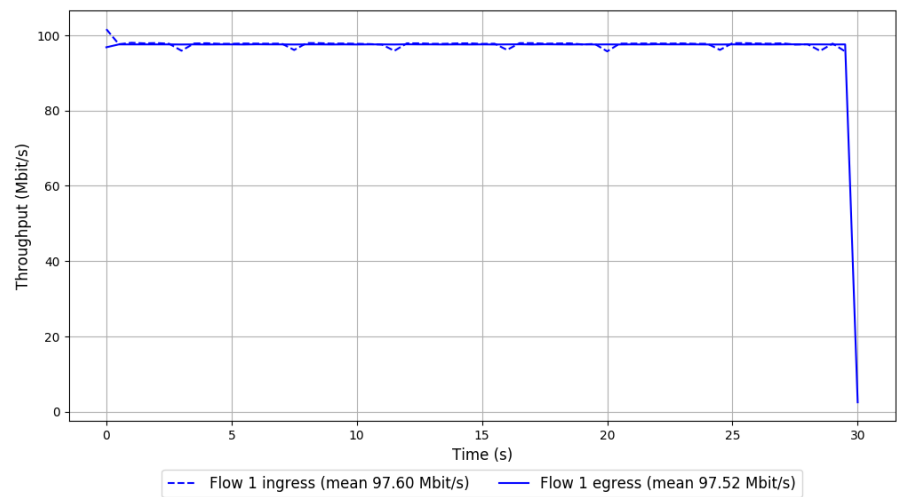


Run 1: Statistics of TCP Cubic

Start at: 2018-04-10 12:37:03
End at: 2018-04-10 12:37:33
Local clock offset: -6.952 ms
Remote clock offset: -7.887 ms

Below is generated by plot.py at 2018-04-10 16:20:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 30.385 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.52 Mbit/s
95th percentile per-packet one-way delay: 30.385 ms
Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-04-10 12:57:21

End at: 2018-04-10 12:57:51

Local clock offset: -8.463 ms

Remote clock offset: -7.55 ms

Below is generated by plot.py at 2018-04-10 16:21:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 33.395 ms

Loss rate: 0.02%

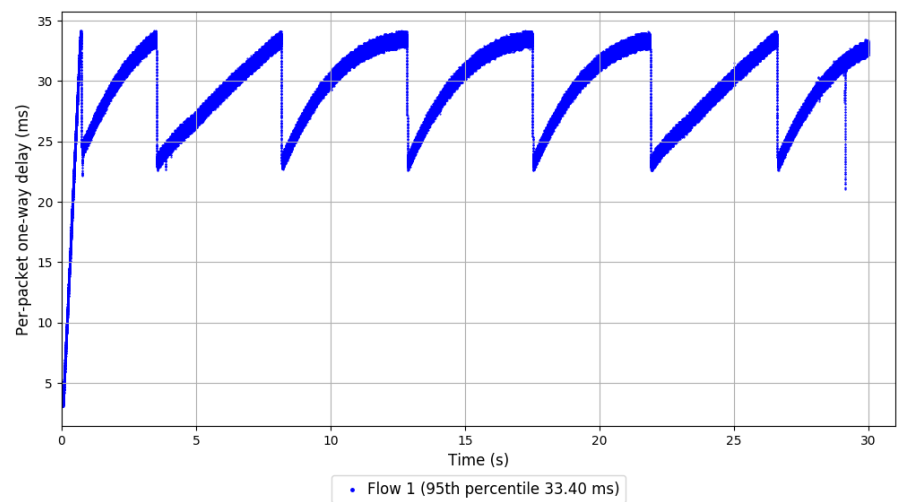
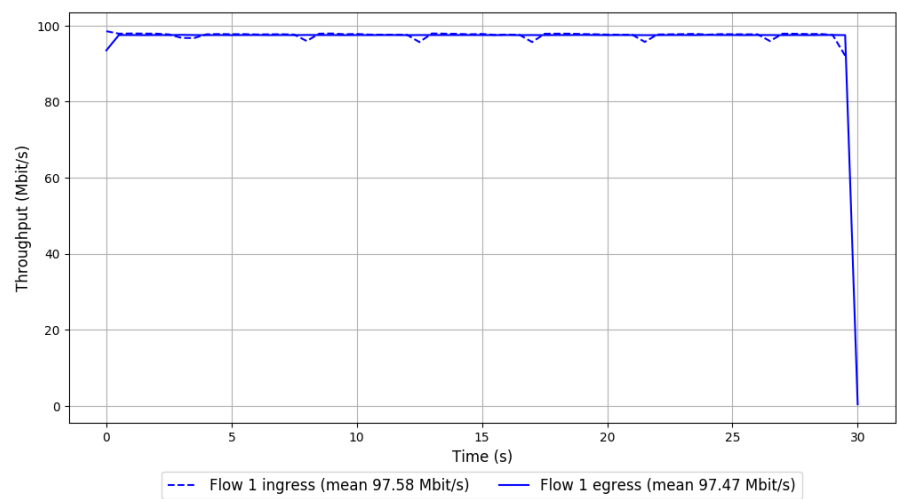
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 33.395 ms

Loss rate: 0.02%

Run 2: Report of TCP Cubic — Data Link

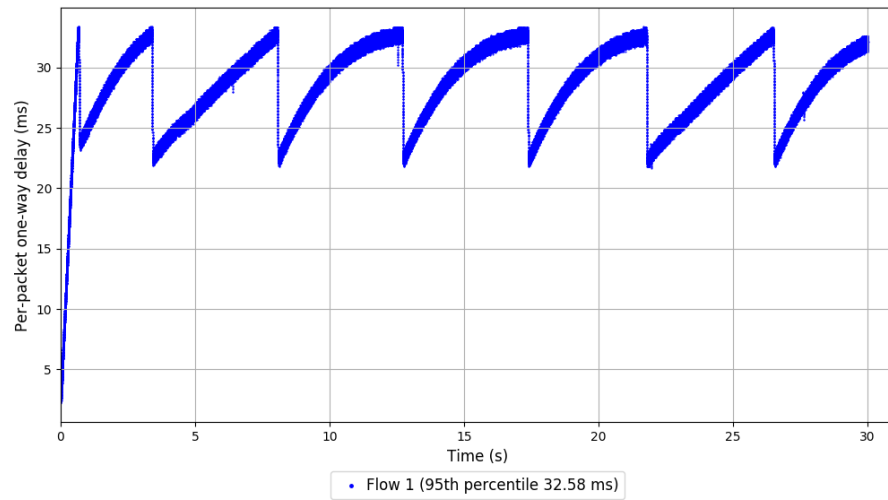
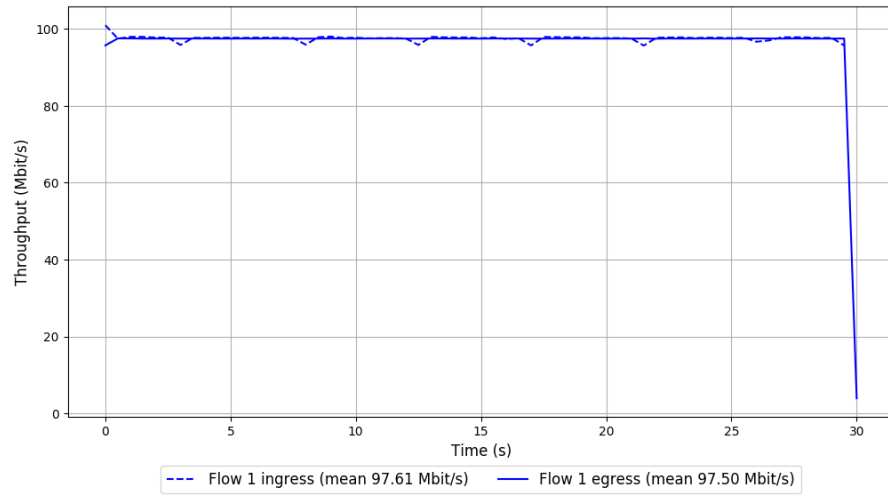


Run 3: Statistics of TCP Cubic

Start at: 2018-04-10 13:17:38
End at: 2018-04-10 13:18:08
Local clock offset: -6.675 ms
Remote clock offset: -6.155 ms

Below is generated by plot.py at 2018-04-10 16:21:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.50 Mbit/s
95th percentile per-packet one-way delay: 32.579 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.50 Mbit/s
95th percentile per-packet one-way delay: 32.579 ms
Loss rate: 0.02%

Run 3: Report of TCP Cubic — Data Link

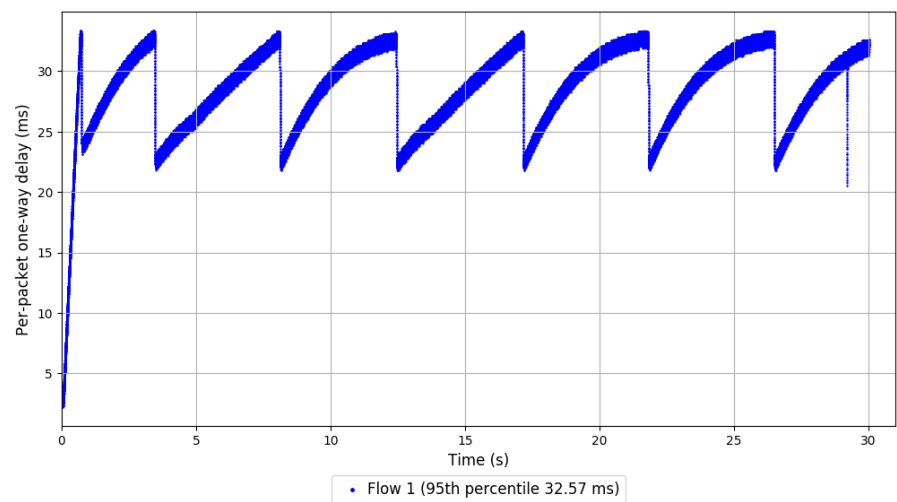
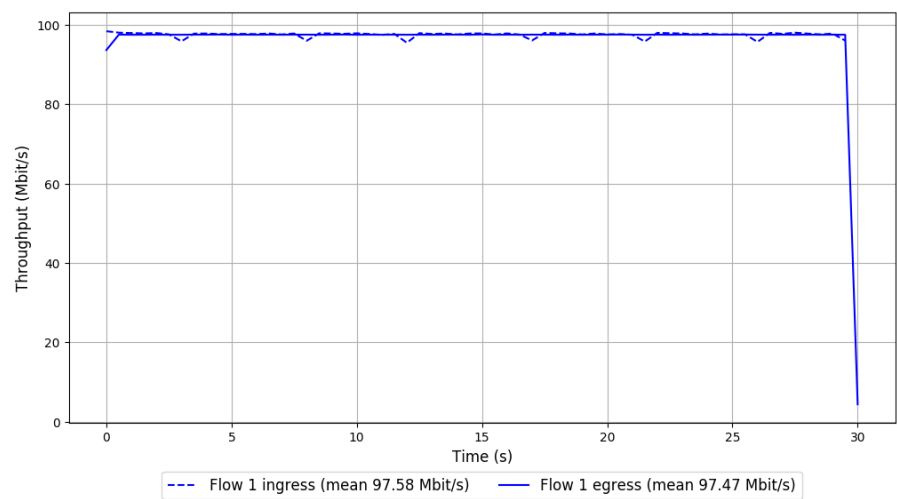


Run 4: Statistics of TCP Cubic

Start at: 2018-04-10 13:37:54
End at: 2018-04-10 13:38:24
Local clock offset: -6.469 ms
Remote clock offset: -4.667 ms

Below is generated by plot.py at 2018-04-10 16:21:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 32.569 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 32.569 ms
Loss rate: 0.02%

Run 4: Report of TCP Cubic — Data Link

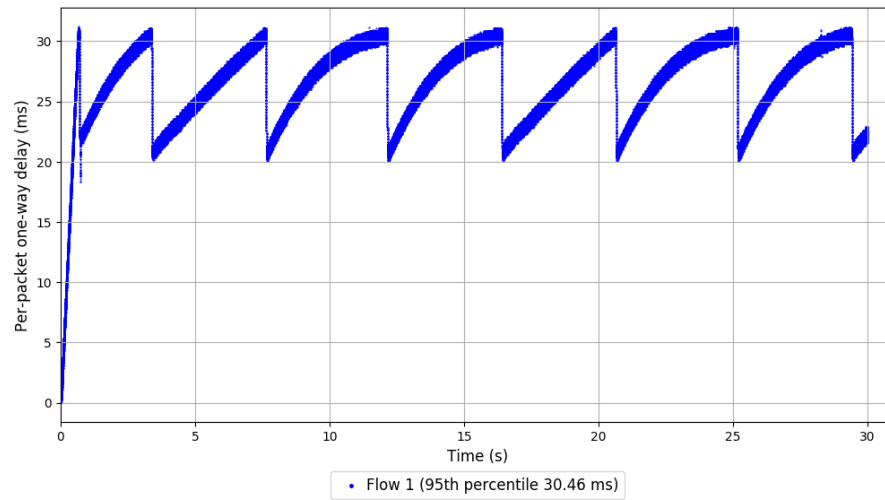
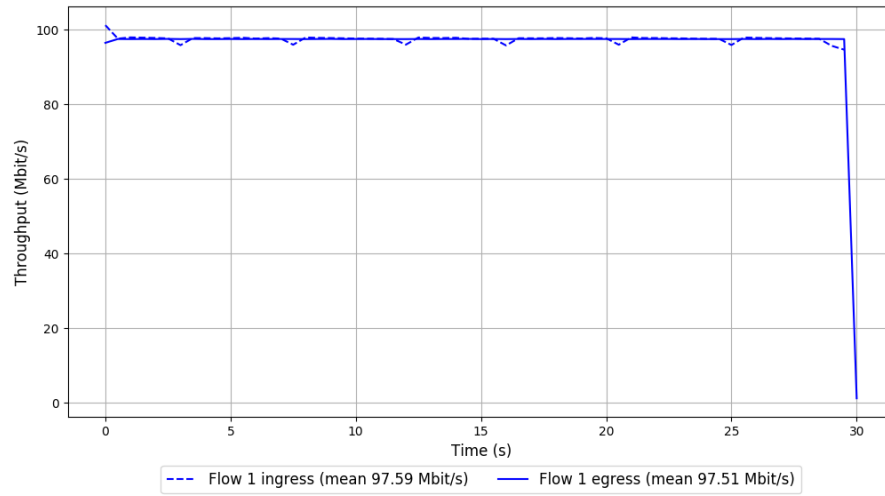


Run 5: Statistics of TCP Cubic

Start at: 2018-04-10 13:58:09
End at: 2018-04-10 13:58:39
Local clock offset: -6.379 ms
Remote clock offset: -7.043 ms

Below is generated by plot.py at 2018-04-10 16:21:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 30.456 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 30.456 ms
Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link

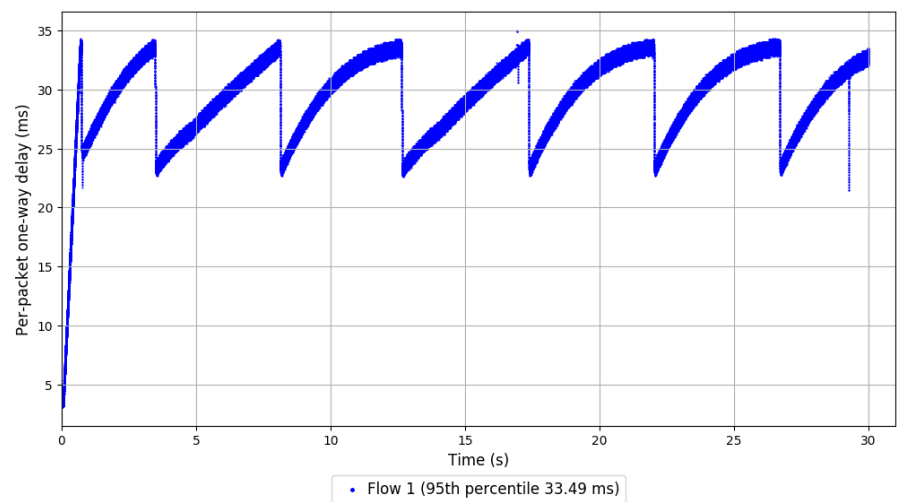
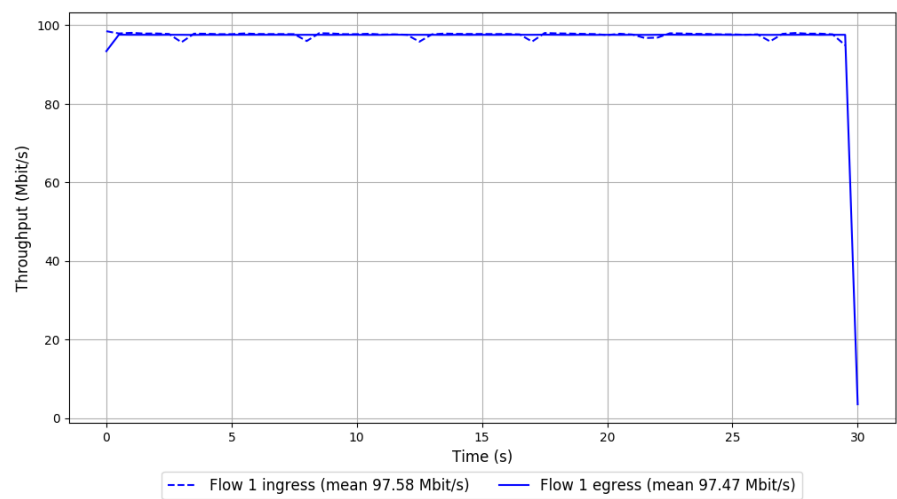


Run 6: Statistics of TCP Cubic

Start at: 2018-04-10 14:18:26
End at: 2018-04-10 14:18:56
Local clock offset: -7.456 ms
Remote clock offset: -8.243 ms

Below is generated by plot.py at 2018-04-10 16:21:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 33.494 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 33.494 ms
Loss rate: 0.01%

Run 6: Report of TCP Cubic — Data Link

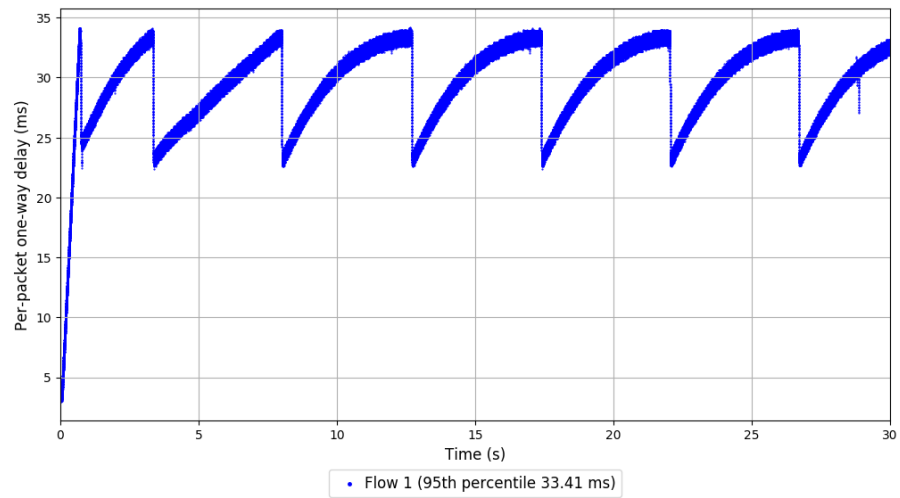
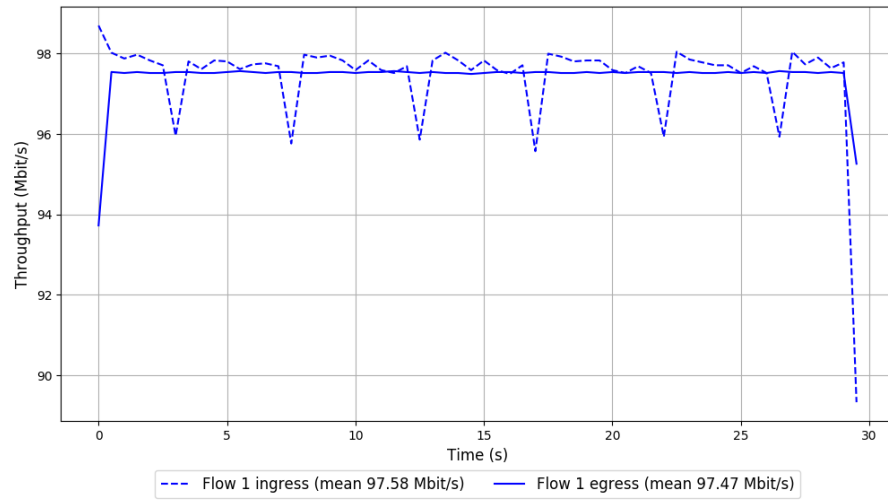


Run 7: Statistics of TCP Cubic

Start at: 2018-04-10 14:38:44
End at: 2018-04-10 14:39:14
Local clock offset: -6.877 ms
Remote clock offset: -7.435 ms

Below is generated by plot.py at 2018-04-10 16:22:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 33.413 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 33.413 ms
Loss rate: 0.01%

Run 7: Report of TCP Cubic — Data Link

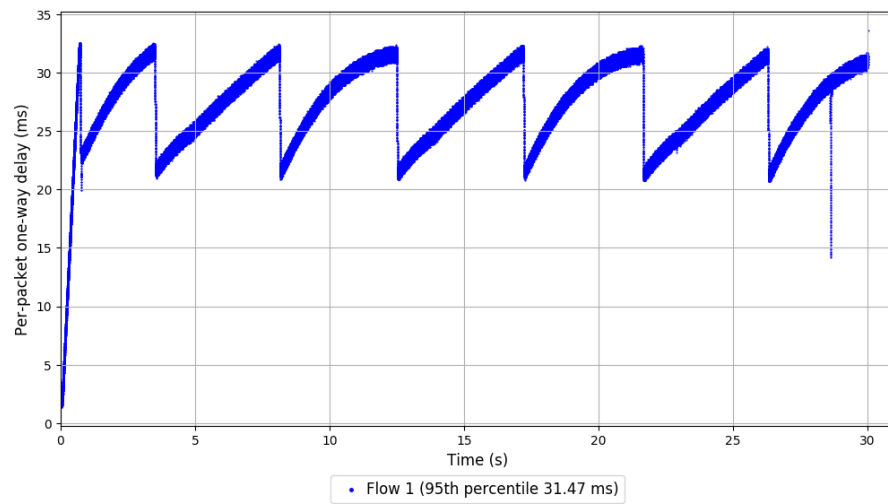
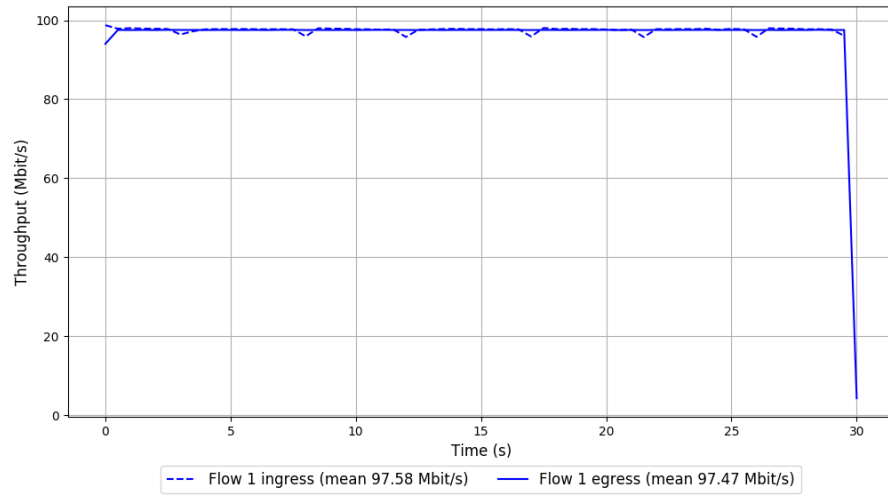


Run 8: Statistics of TCP Cubic

Start at: 2018-04-10 14:59:00
End at: 2018-04-10 14:59:30
Local clock offset: -5.374 ms
Remote clock offset: -2.253 ms

Below is generated by plot.py at 2018-04-10 16:22:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.474 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.474 ms
Loss rate: 0.01%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-04-10 15:19:31

End at: 2018-04-10 15:20:01

Local clock offset: -6.087 ms

Remote clock offset: 5.359 ms

Below is generated by plot.py at 2018-04-10 16:22:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.50 Mbit/s

95th percentile per-packet one-way delay: 32.368 ms

Loss rate: 0.01%

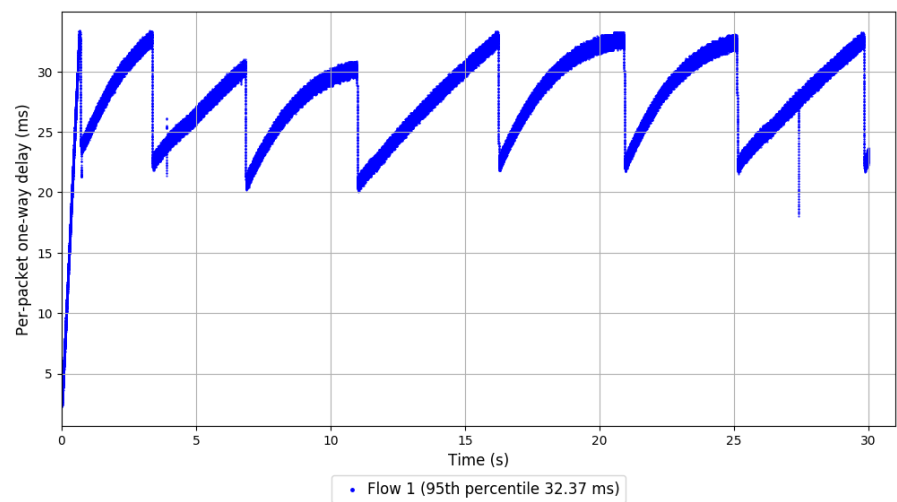
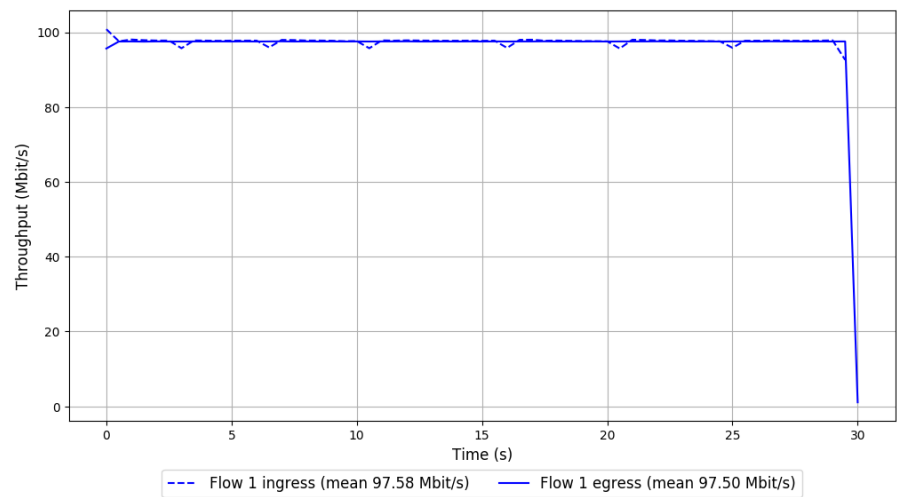
-- Flow 1:

Average throughput: 97.50 Mbit/s

95th percentile per-packet one-way delay: 32.368 ms

Loss rate: 0.01%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-04-10 15:39:48

End at: 2018-04-10 15:40:18

Local clock offset: -6.546 ms

Remote clock offset: 9.66 ms

Below is generated by plot.py at 2018-04-10 16:22:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.51 Mbit/s

95th percentile per-packet one-way delay: 31.065 ms

Loss rate: 0.01%

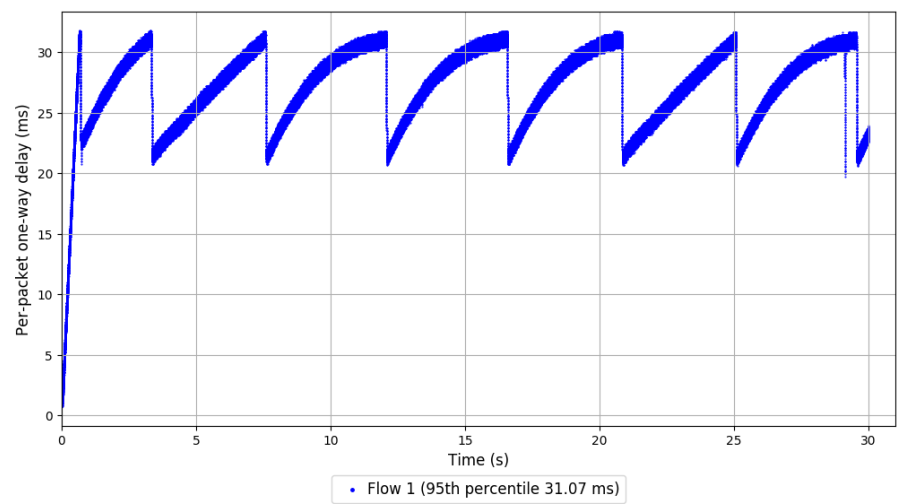
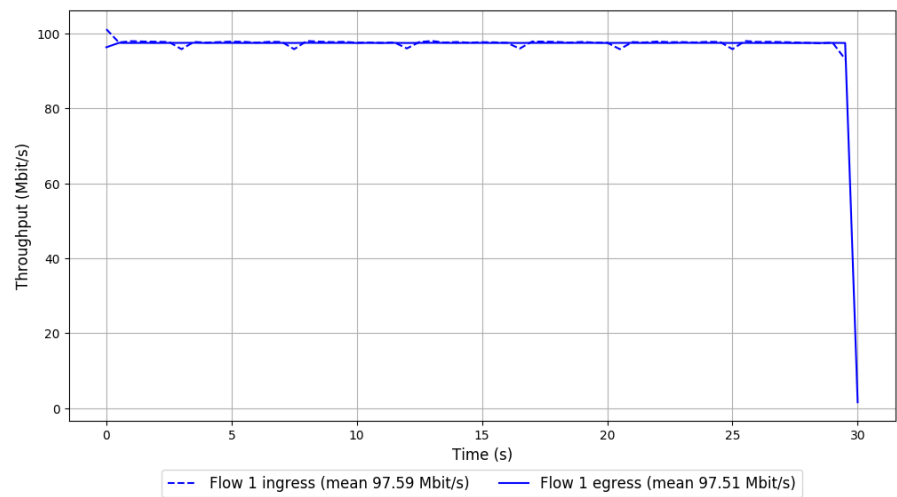
-- Flow 1:

Average throughput: 97.51 Mbit/s

95th percentile per-packet one-way delay: 31.065 ms

Loss rate: 0.01%

Run 10: Report of TCP Cubic — Data Link

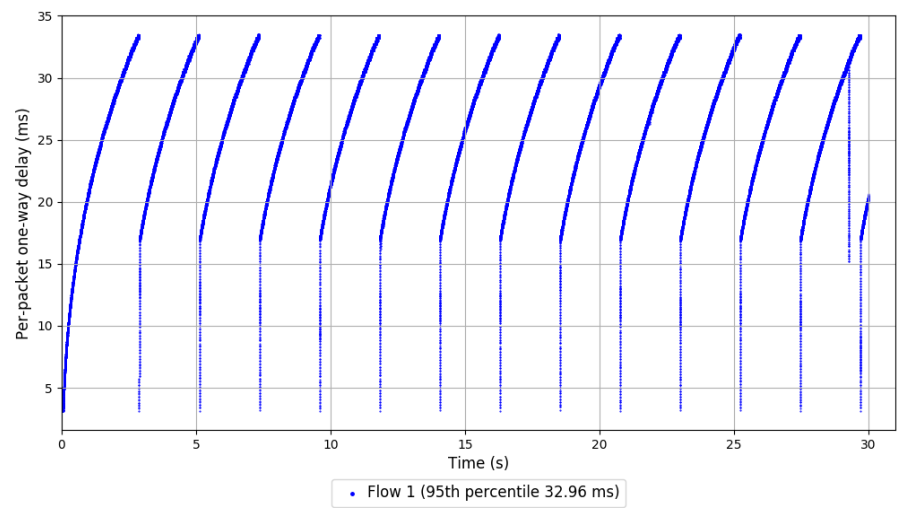
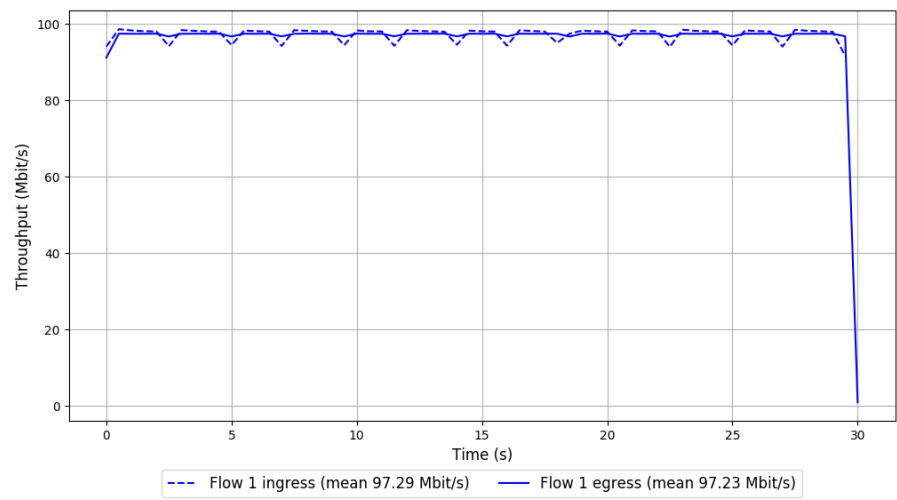


```
Run 1: Statistics of LEDBAT

Start at: 2018-04-10 12:31:24
End at: 2018-04-10 12:31:54
Local clock offset: -8.615 ms
Remote clock offset: -7.881 ms

# Below is generated by plot.py at 2018-04-10 16:22:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 32.960 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 32.960 ms
Loss rate: 0.01%
```

Run 1: Report of LEDBAT — Data Link

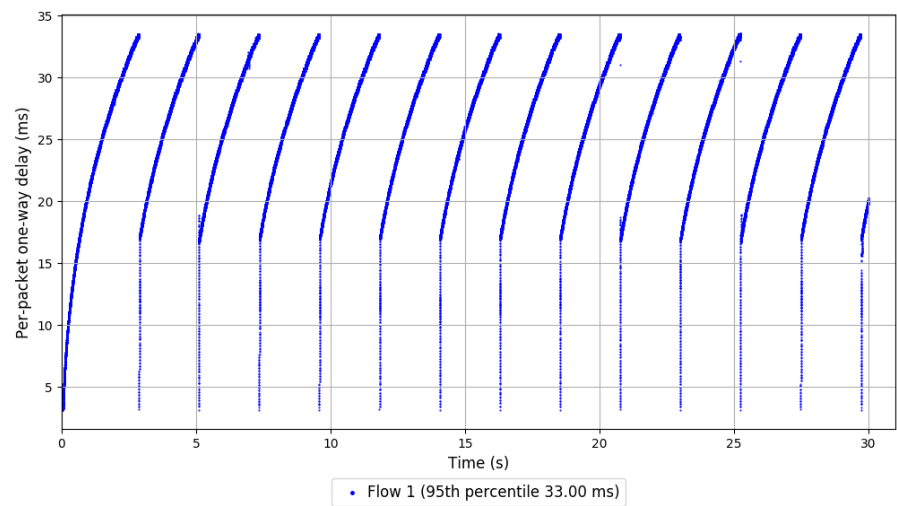
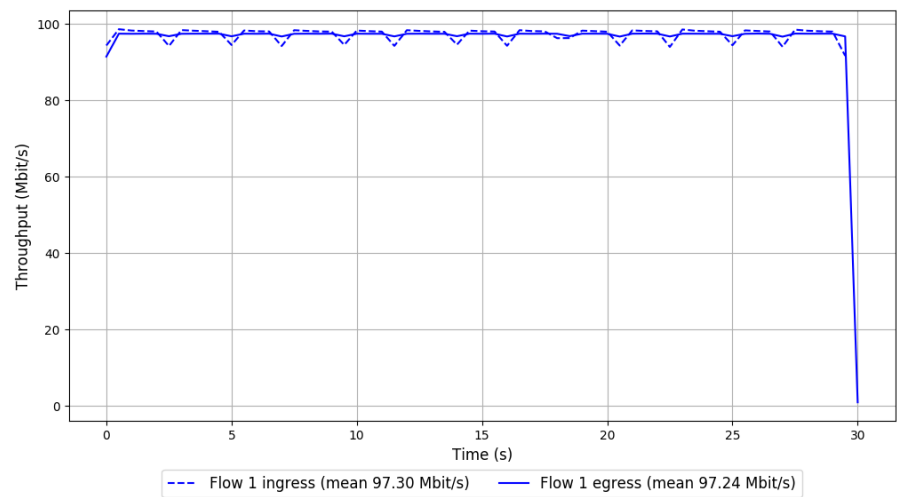


Run 2: Statistics of LEDBAT

Start at: 2018-04-10 12:51:41
End at: 2018-04-10 12:52:11
Local clock offset: -8.53 ms
Remote clock offset: -7.602 ms

Below is generated by plot.py at 2018-04-10 16:22:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 32.999 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 32.999 ms
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link

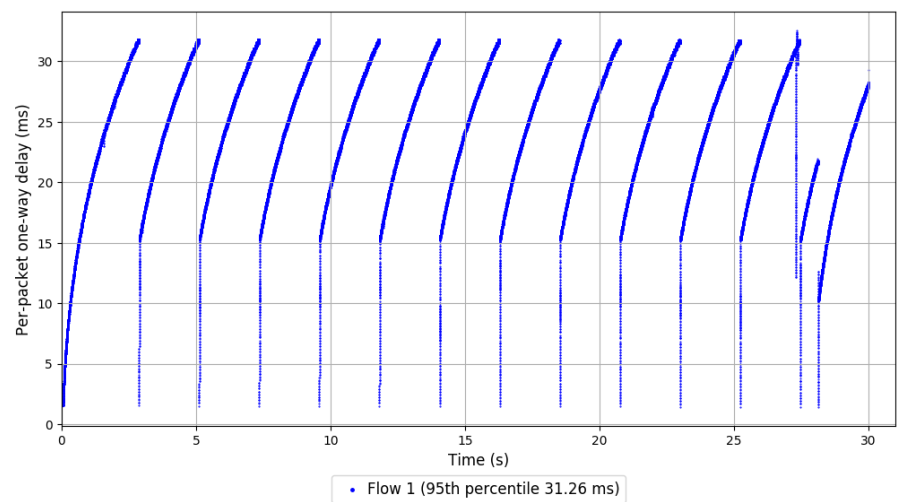
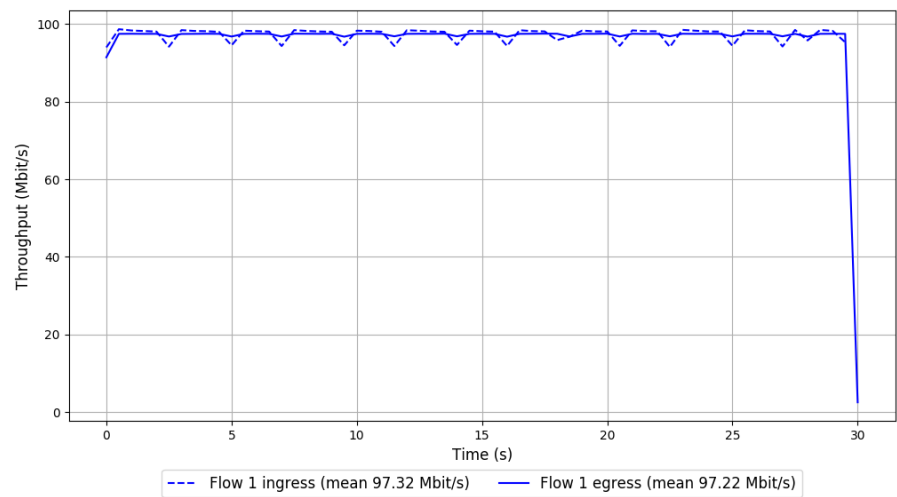


Run 3: Statistics of LEDBAT

Start at: 2018-04-10 13:11:58
End at: 2018-04-10 13:12:28
Local clock offset: -6.163 ms
Remote clock offset: -7.364 ms

Below is generated by plot.py at 2018-04-10 16:22:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 31.263 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 31.263 ms
Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link

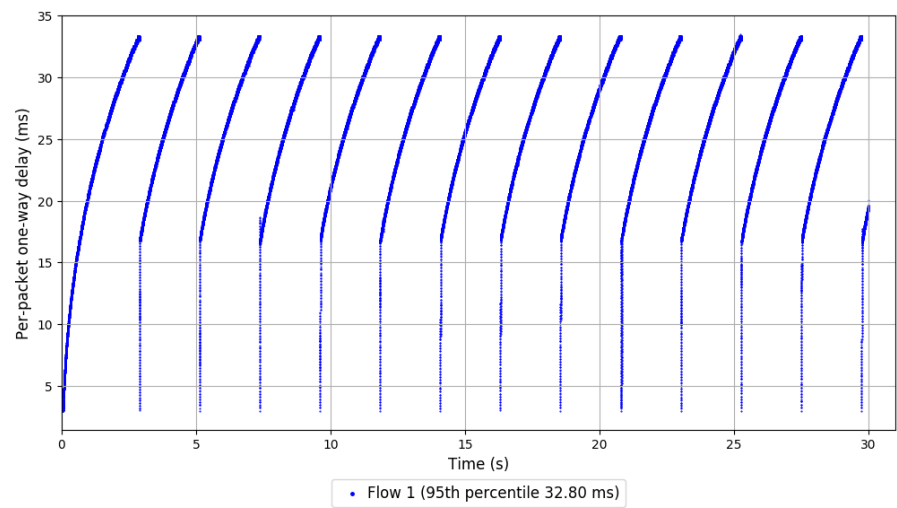
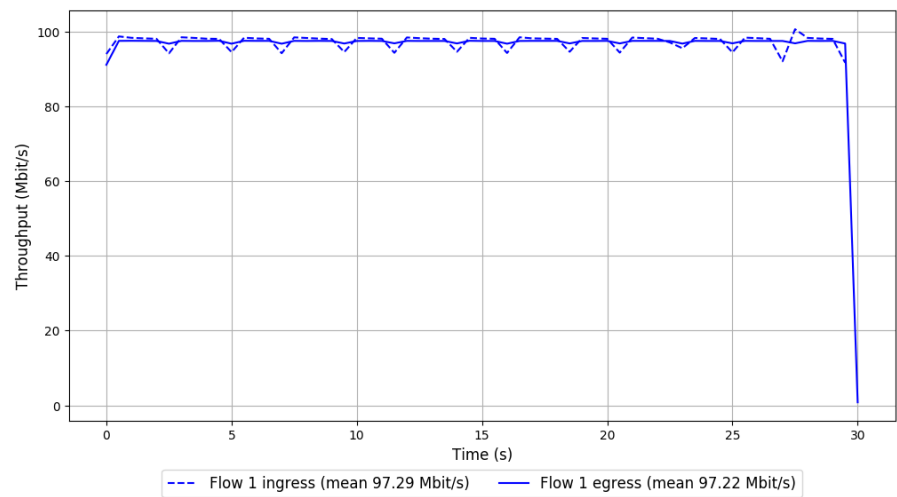


Run 4: Statistics of LEDBAT

Start at: 2018-04-10 13:32:14
End at: 2018-04-10 13:32:44
Local clock offset: -7.103 ms
Remote clock offset: -4.929 ms

Below is generated by plot.py at 2018-04-10 16:22:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 32.804 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 32.804 ms
Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-04-10 13:52:30

End at: 2018-04-10 13:53:00

Local clock offset: -7.081 ms

Remote clock offset: -6.24 ms

Below is generated by plot.py at 2018-04-10 16:23:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 30.689 ms

Loss rate: 0.01%

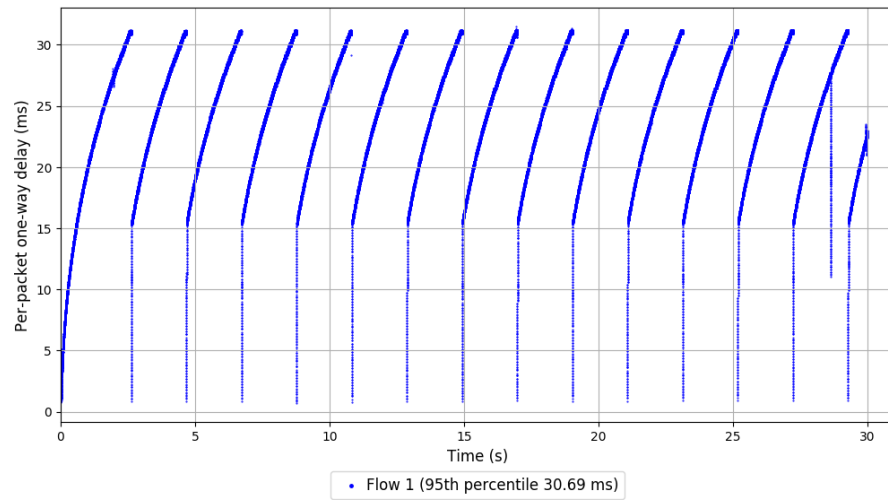
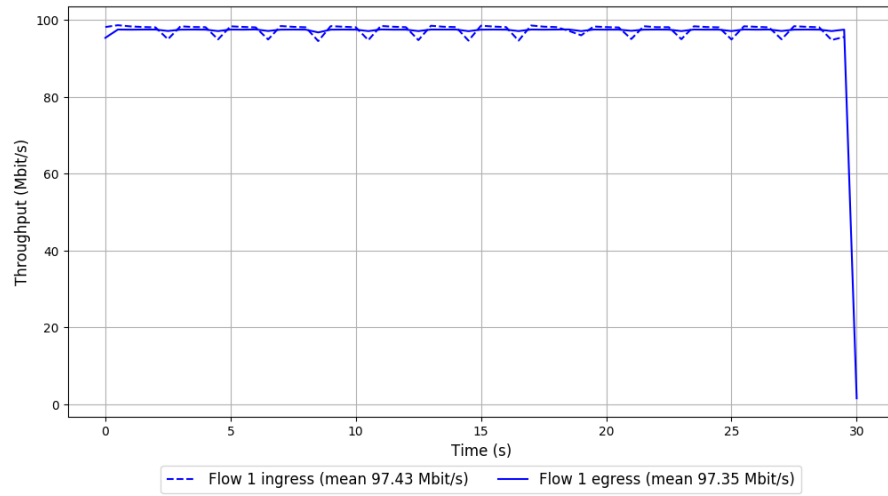
-- Flow 1:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 30.689 ms

Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link

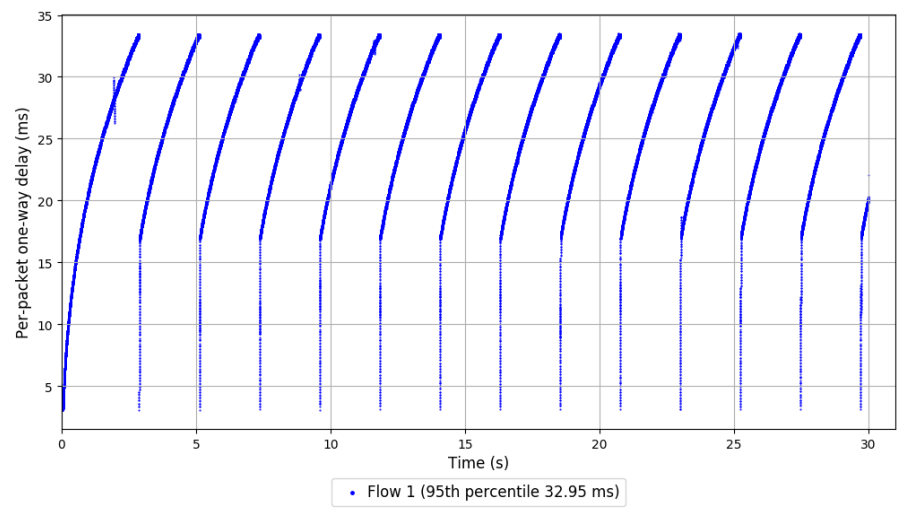
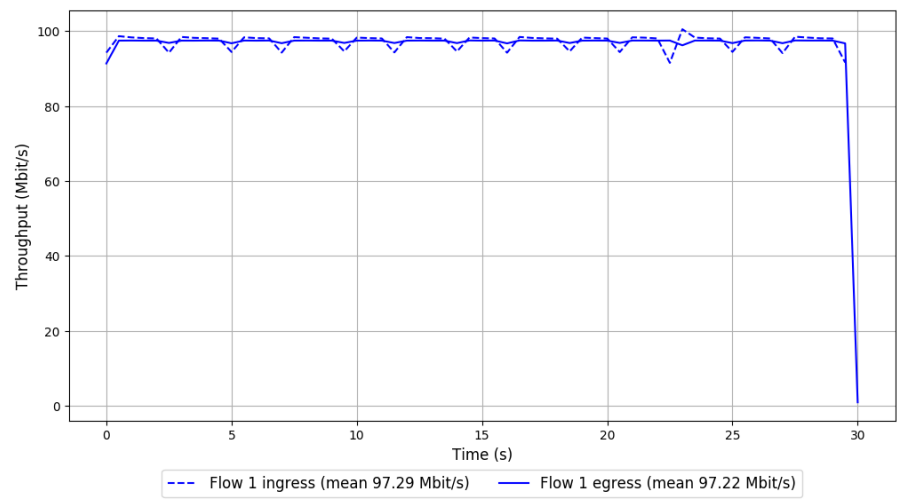


Run 6: Statistics of LEDBAT

Start at: 2018-04-10 14:12:47
End at: 2018-04-10 14:13:17
Local clock offset: -7.778 ms
Remote clock offset: -8.056 ms

Below is generated by plot.py at 2018-04-10 16:23:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 32.945 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 32.945 ms
Loss rate: 0.02%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-04-10 14:33:04

End at: 2018-04-10 14:33:34

Local clock offset: -6.262 ms

Remote clock offset: -7.48 ms

Below is generated by plot.py at 2018-04-10 16:23:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 30.863 ms

Loss rate: 0.01%

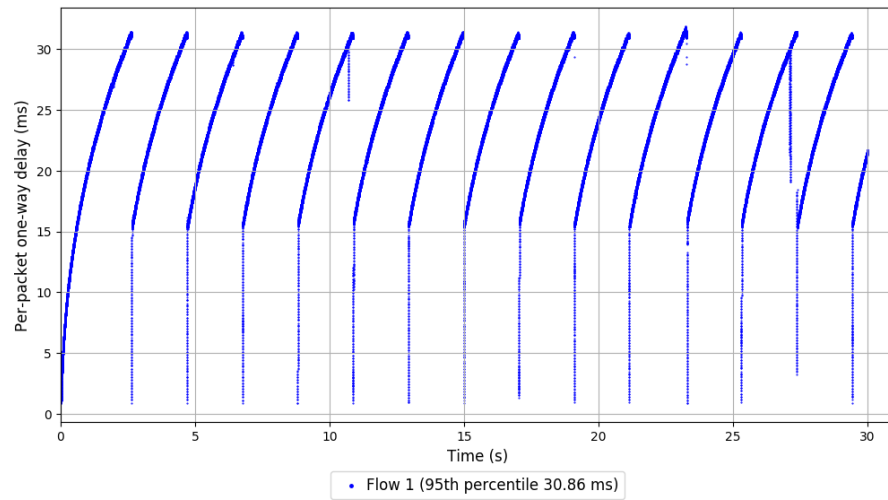
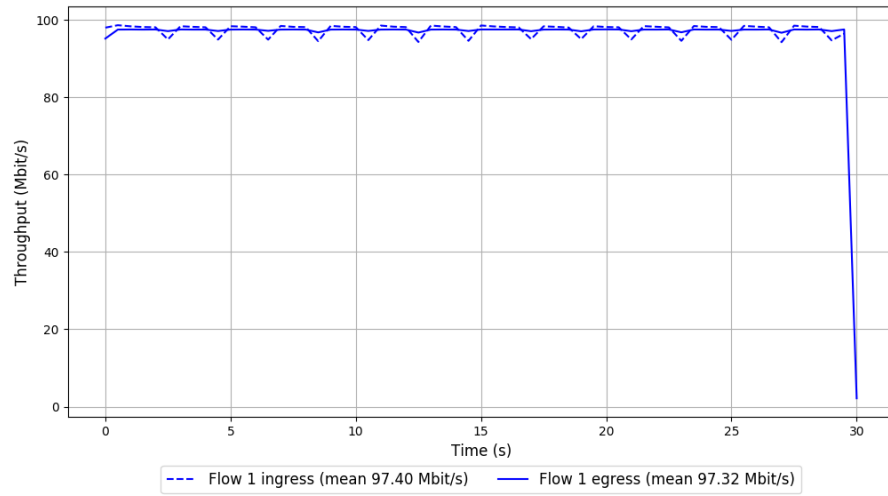
-- Flow 1:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 30.863 ms

Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-04-10 14:53:21

End at: 2018-04-10 14:53:51

Local clock offset: -6.18 ms

Remote clock offset: -7.56 ms

Below is generated by plot.py at 2018-04-10 16:23:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 32.027 ms

Loss rate: 0.01%

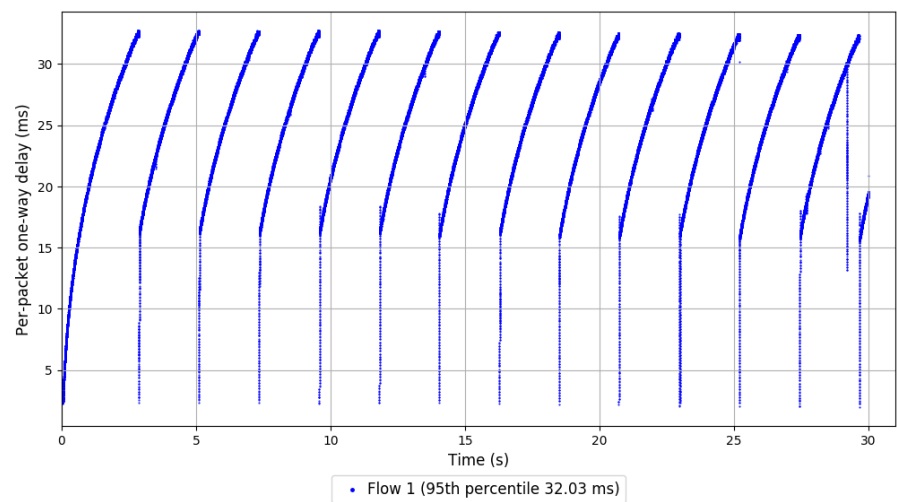
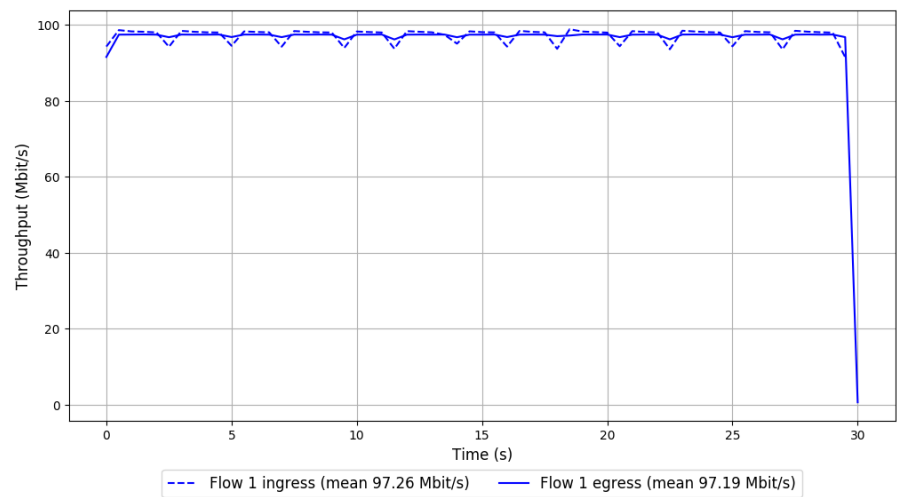
-- Flow 1:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 32.027 ms

Loss rate: 0.01%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-04-10 15:13:37

End at: 2018-04-10 15:14:07

Local clock offset: -5.252 ms

Remote clock offset: 4.049 ms

Below is generated by plot.py at 2018-04-10 16:23:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 31.210 ms

Loss rate: 0.02%

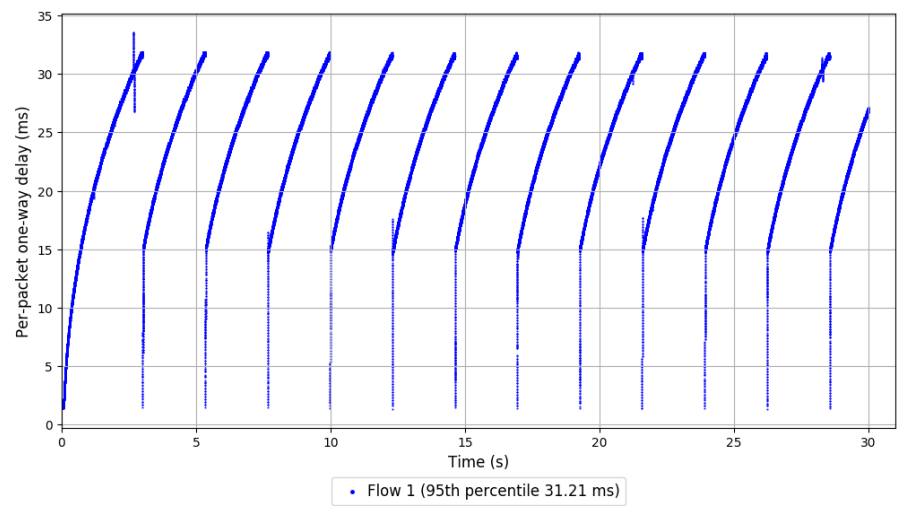
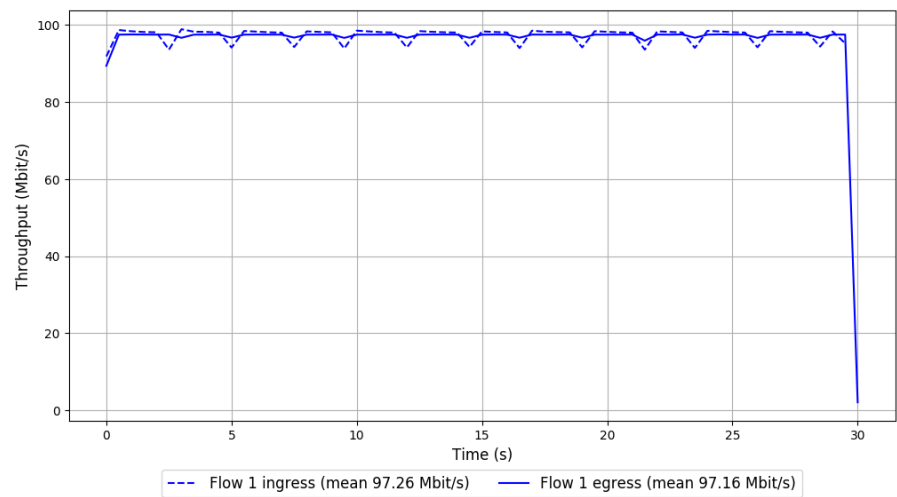
-- Flow 1:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 31.210 ms

Loss rate: 0.02%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-04-10 15:34:08

End at: 2018-04-10 15:34:38

Local clock offset: -6.509 ms

Remote clock offset: 8.523 ms

Below is generated by plot.py at 2018-04-10 16:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 30.556 ms

Loss rate: 0.01%

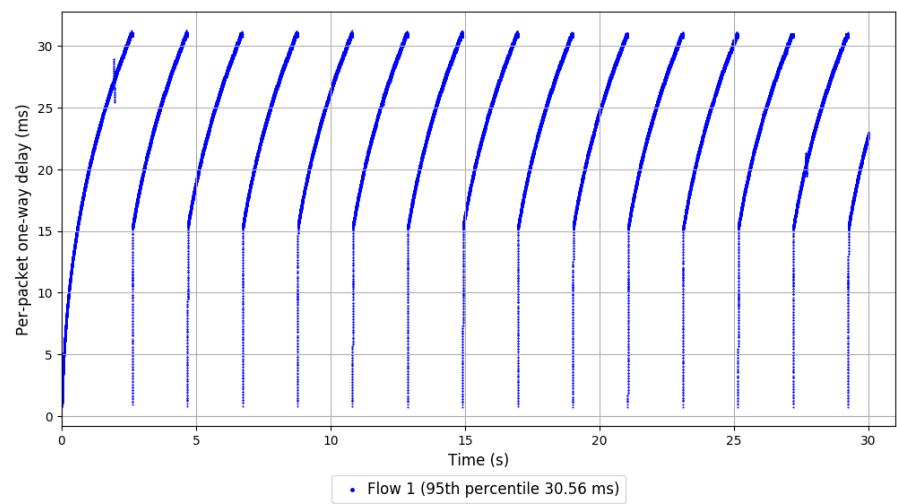
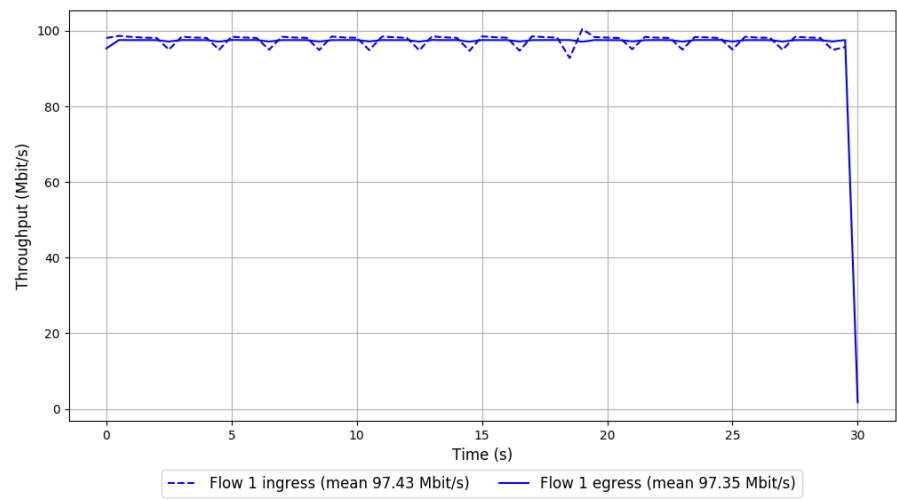
-- Flow 1:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 30.556 ms

Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

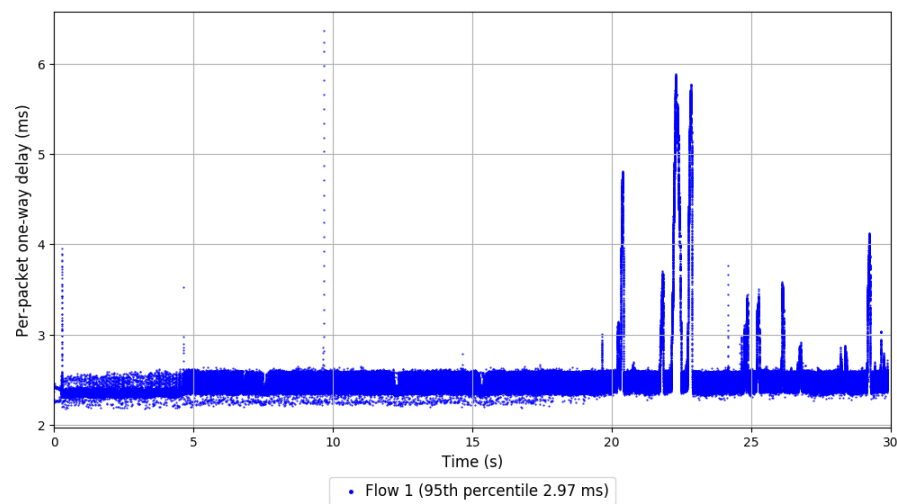
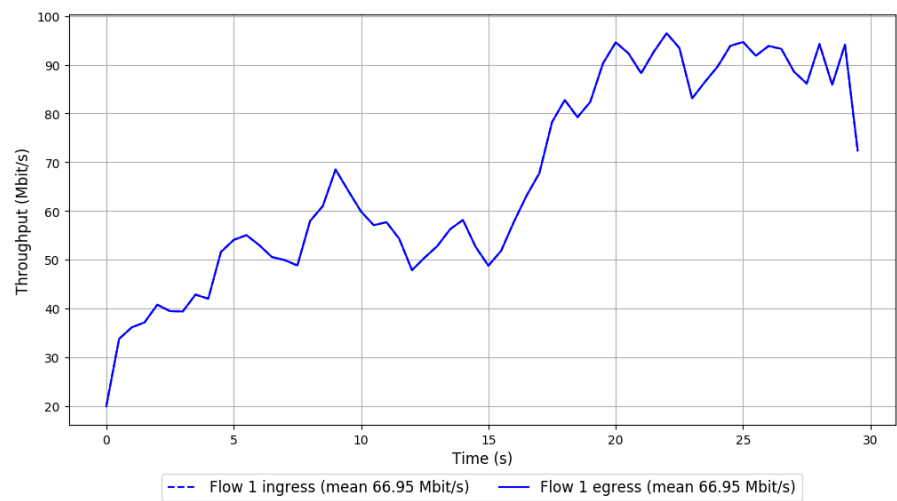


Run 1: Statistics of PCC

Start at: 2018-04-10 12:25:55
End at: 2018-04-10 12:26:25
Local clock offset: -7.842 ms
Remote clock offset: -7.836 ms

Below is generated by plot.py at 2018-04-10 16:24:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.95 Mbit/s
95th percentile per-packet one-way delay: 2.967 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 66.95 Mbit/s
95th percentile per-packet one-way delay: 2.967 ms
Loss rate: 0.01%

Run 1: Report of PCC — Data Link

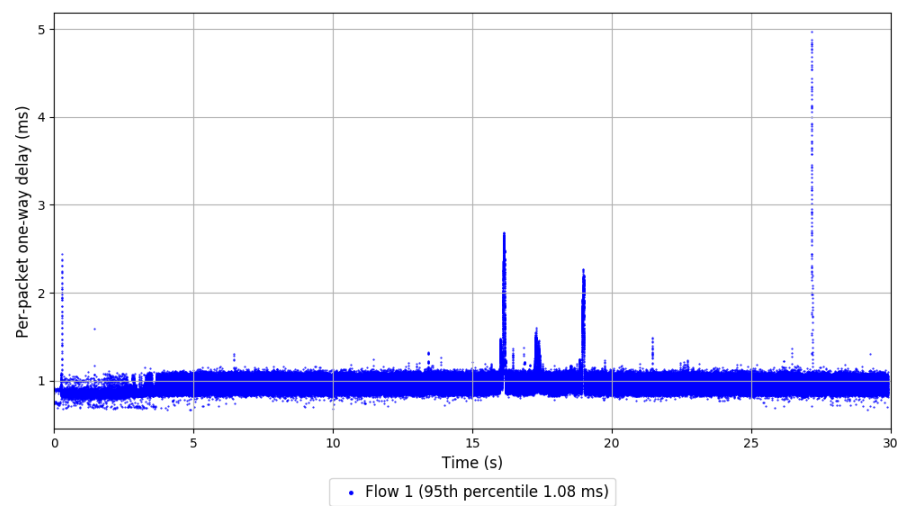
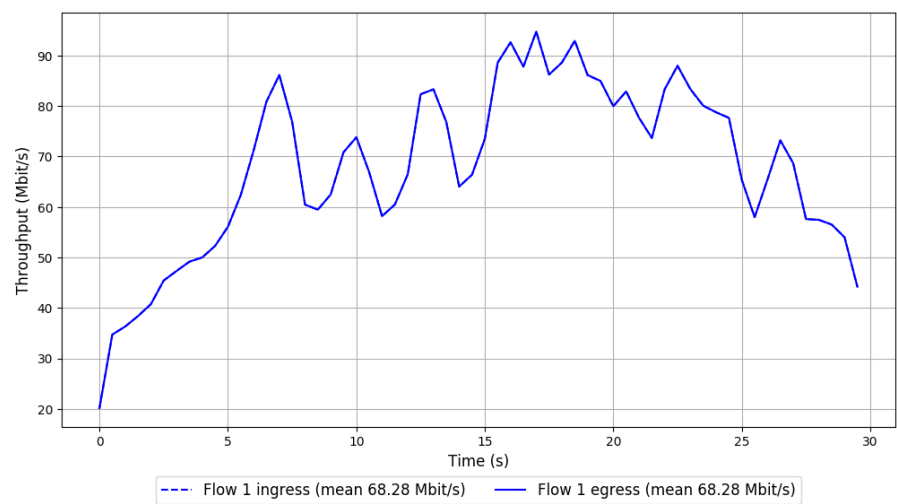


Run 2: Statistics of PCC

Start at: 2018-04-10 12:46:06
End at: 2018-04-10 12:46:36
Local clock offset: -7.64 ms
Remote clock offset: -7.648 ms

Below is generated by plot.py at 2018-04-10 16:24:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.28 Mbit/s
95th percentile per-packet one-way delay: 1.078 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.28 Mbit/s
95th percentile per-packet one-way delay: 1.078 ms
Loss rate: 0.00%

Run 2: Report of PCC — Data Link

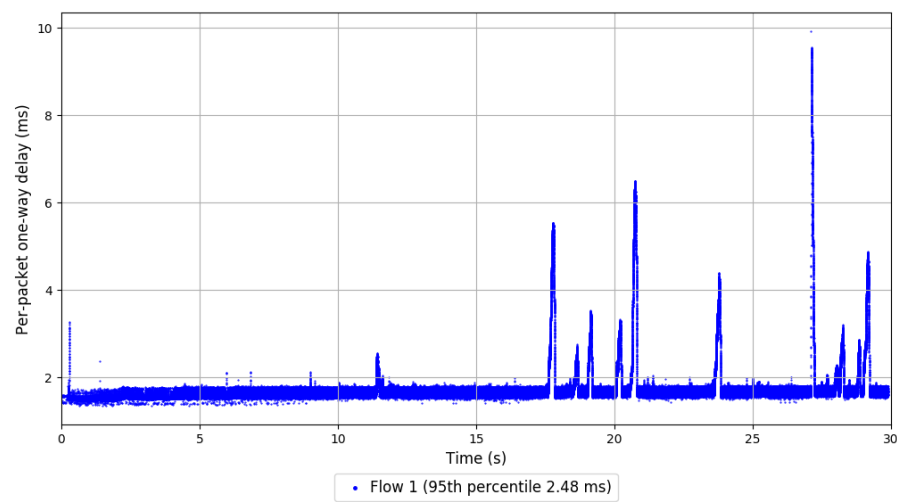
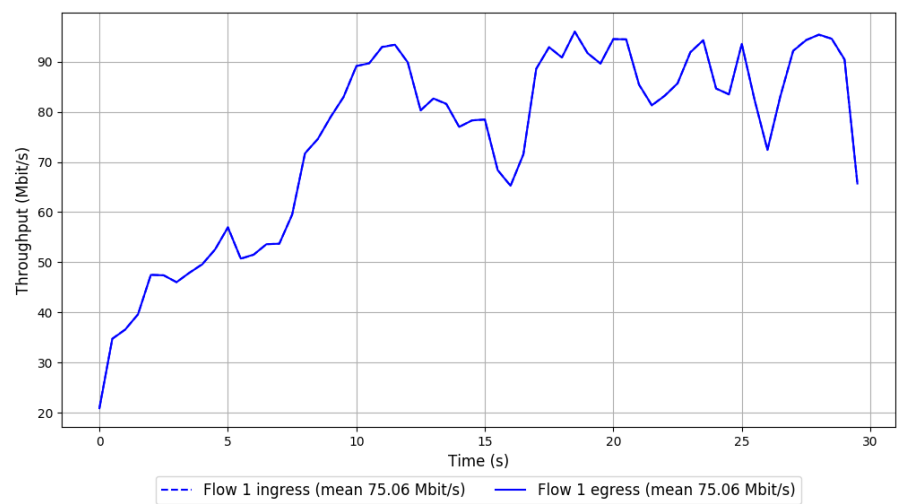


Run 3: Statistics of PCC

Start at: 2018-04-10 13:06:26
End at: 2018-04-10 13:06:56
Local clock offset: -6.514 ms
Remote clock offset: -7.599 ms

Below is generated by plot.py at 2018-04-10 16:24:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.06 Mbit/s
95th percentile per-packet one-way delay: 2.481 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.06 Mbit/s
95th percentile per-packet one-way delay: 2.481 ms
Loss rate: 0.00%

Run 3: Report of PCC — Data Link

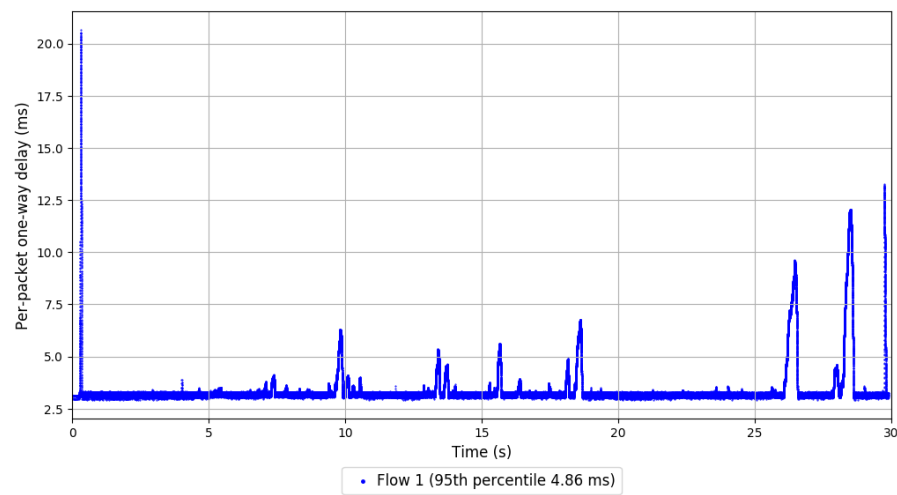
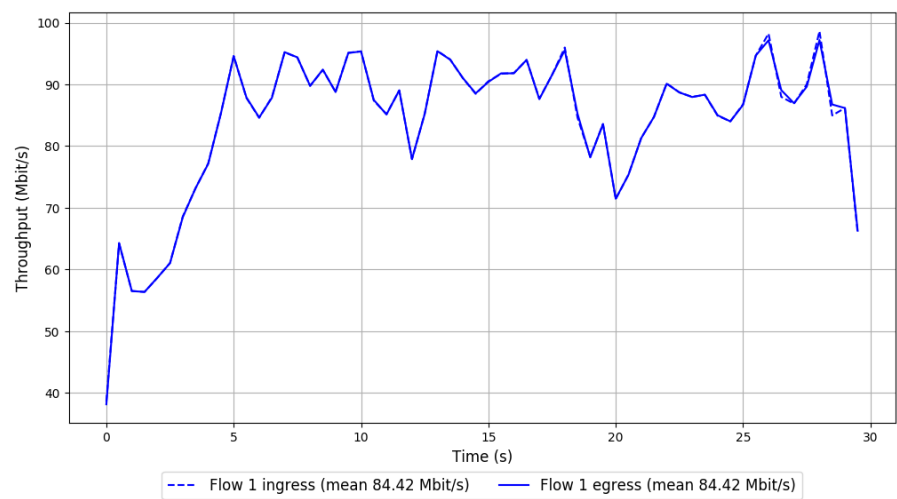


Run 4: Statistics of PCC

Start at: 2018-04-10 13:26:42
End at: 2018-04-10 13:27:12
Local clock offset: -7.207 ms
Remote clock offset: -5.199 ms

Below is generated by plot.py at 2018-04-10 16:25:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.42 Mbit/s
95th percentile per-packet one-way delay: 4.855 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.42 Mbit/s
95th percentile per-packet one-way delay: 4.855 ms
Loss rate: 0.00%

Run 4: Report of PCC — Data Link

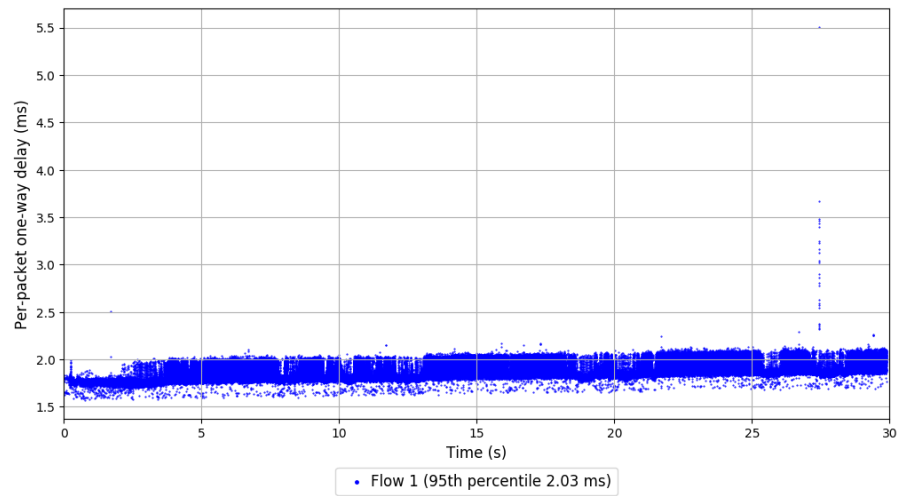
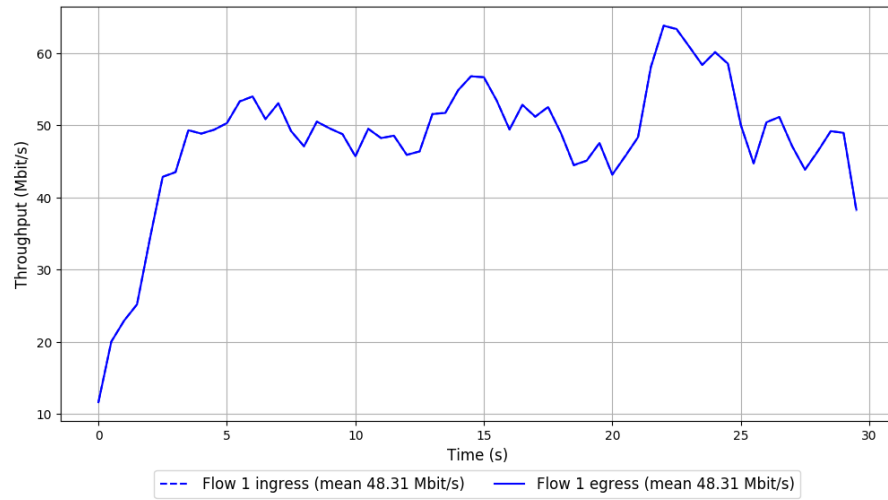


Run 5: Statistics of PCC

Start at: 2018-04-10 13:46:58
End at: 2018-04-10 13:47:28
Local clock offset: -7.733 ms
Remote clock offset: -4.897 ms

Below is generated by plot.py at 2018-04-10 16:25:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 2.034 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 2.034 ms
Loss rate: 0.00%

Run 5: Report of PCC — Data Link

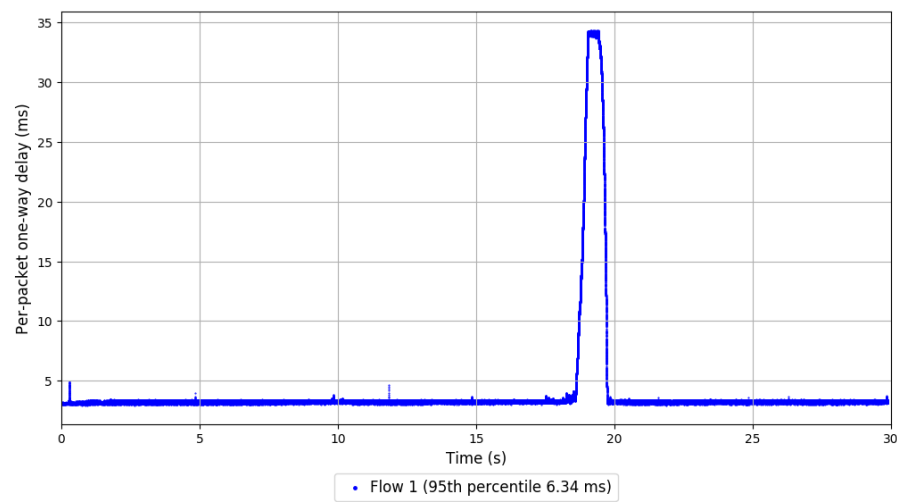
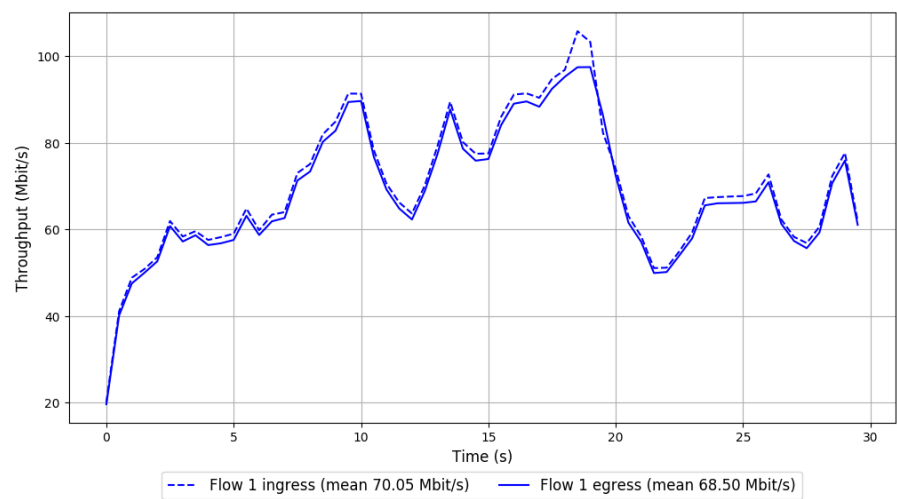


Run 6: Statistics of PCC

Start at: 2018-04-10 14:07:14
End at: 2018-04-10 14:07:44
Local clock offset: -7.977 ms
Remote clock offset: -7.691 ms

Below is generated by plot.py at 2018-04-10 16:25:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.50 Mbit/s
95th percentile per-packet one-way delay: 6.337 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 68.50 Mbit/s
95th percentile per-packet one-way delay: 6.337 ms
Loss rate: 2.22%

Run 6: Report of PCC — Data Link

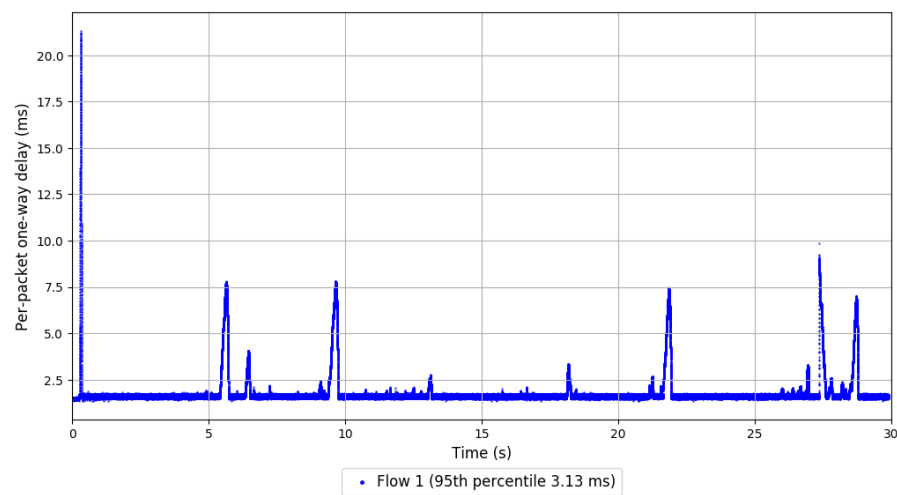
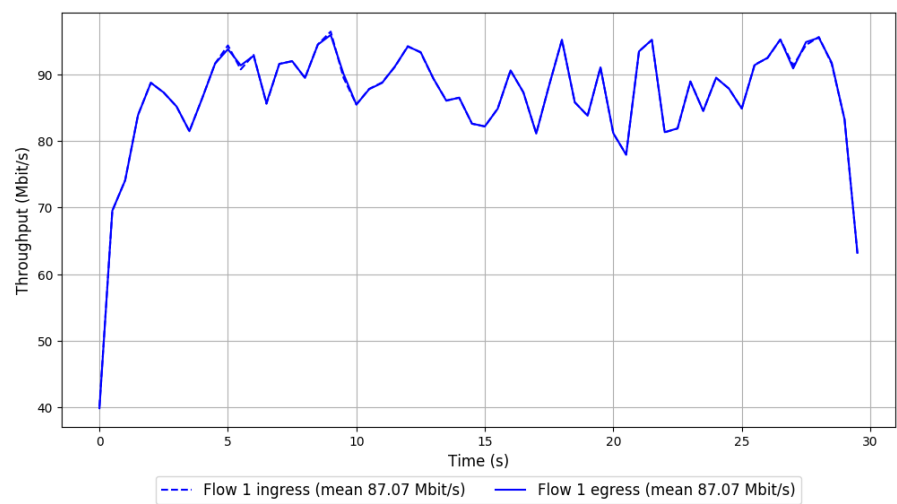


Run 7: Statistics of PCC

Start at: 2018-04-10 14:27:31
End at: 2018-04-10 14:28:01
Local clock offset: -5.587 ms
Remote clock offset: -7.712 ms

Below is generated by plot.py at 2018-04-10 16:25:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 3.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 3.135 ms
Loss rate: 0.00%

Run 7: Report of PCC — Data Link

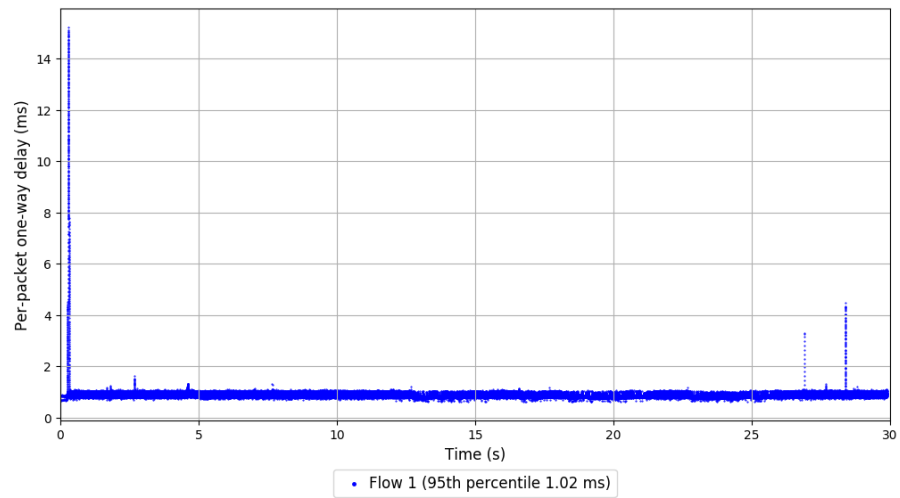
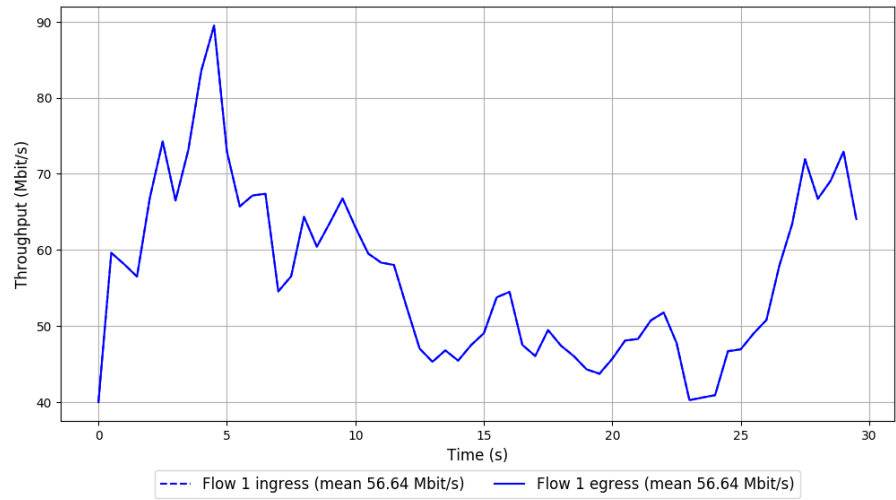


Run 8: Statistics of PCC

Start at: 2018-04-10 14:47:49
End at: 2018-04-10 14:48:19
Local clock offset: -6.058 ms
Remote clock offset: -7.505 ms

Below is generated by plot.py at 2018-04-10 16:25:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.64 Mbit/s
95th percentile per-packet one-way delay: 1.017 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.64 Mbit/s
95th percentile per-packet one-way delay: 1.017 ms
Loss rate: 0.00%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-04-10 15:08:04

End at: 2018-04-10 15:08:34

Local clock offset: -6.029 ms

Remote clock offset: 2.532 ms

Below is generated by plot.py at 2018-04-10 16:25:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.87 Mbit/s

95th percentile per-packet one-way delay: 4.367 ms

Loss rate: 0.01%

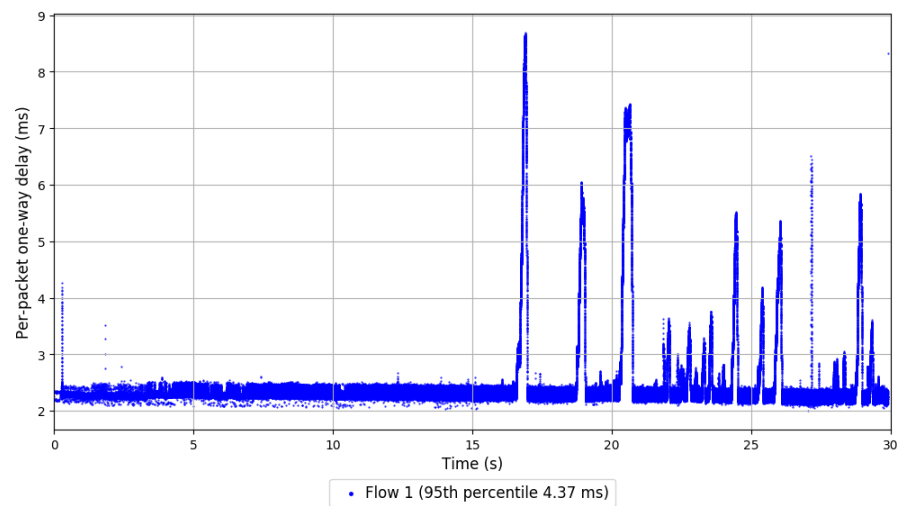
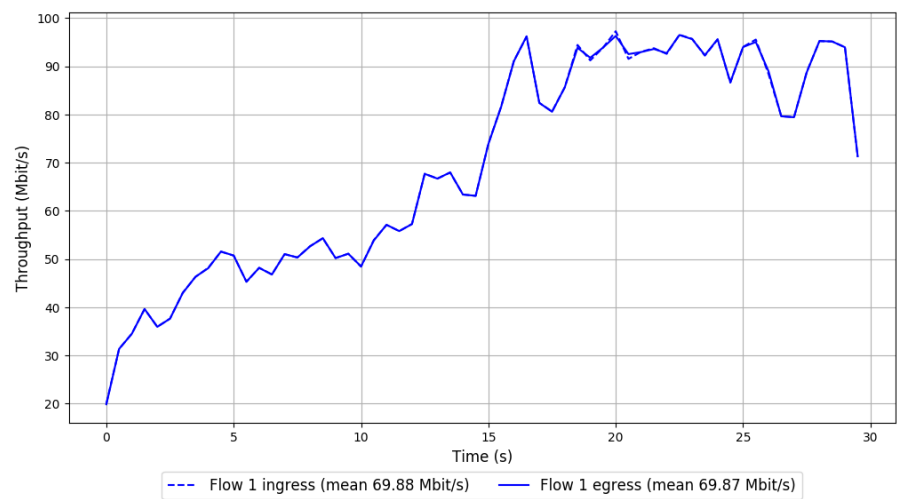
-- Flow 1:

Average throughput: 69.87 Mbit/s

95th percentile per-packet one-way delay: 4.367 ms

Loss rate: 0.01%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-04-10 15:28:36

End at: 2018-04-10 15:29:06

Local clock offset: -6.496 ms

Remote clock offset: 6.972 ms

Below is generated by plot.py at 2018-04-10 16:25:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.01 Mbit/s

95th percentile per-packet one-way delay: 0.958 ms

Loss rate: 0.00%

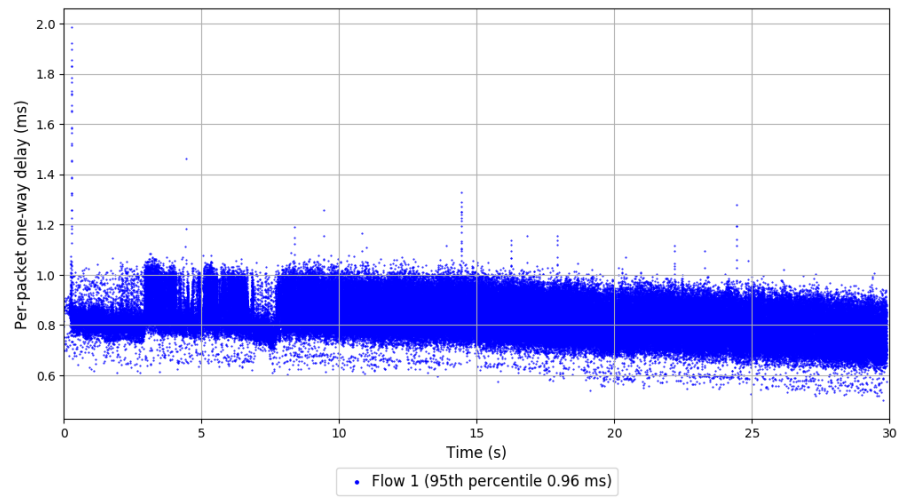
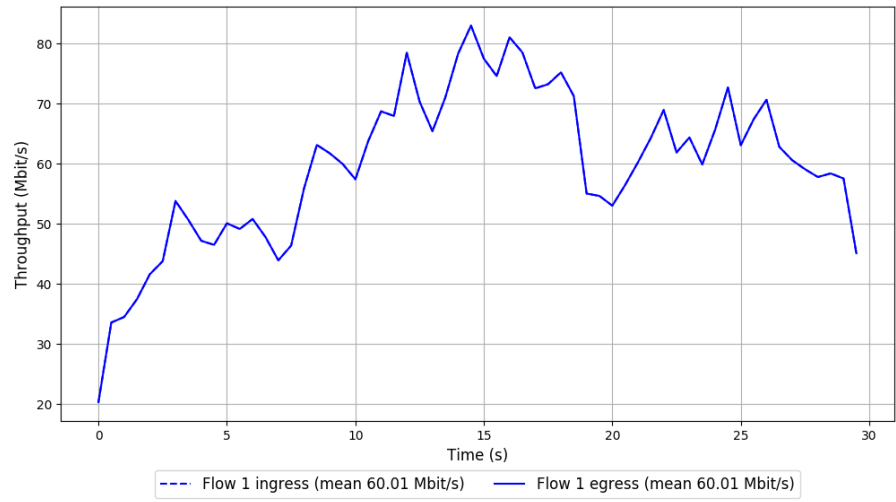
-- Flow 1:

Average throughput: 60.01 Mbit/s

95th percentile per-packet one-way delay: 0.958 ms

Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

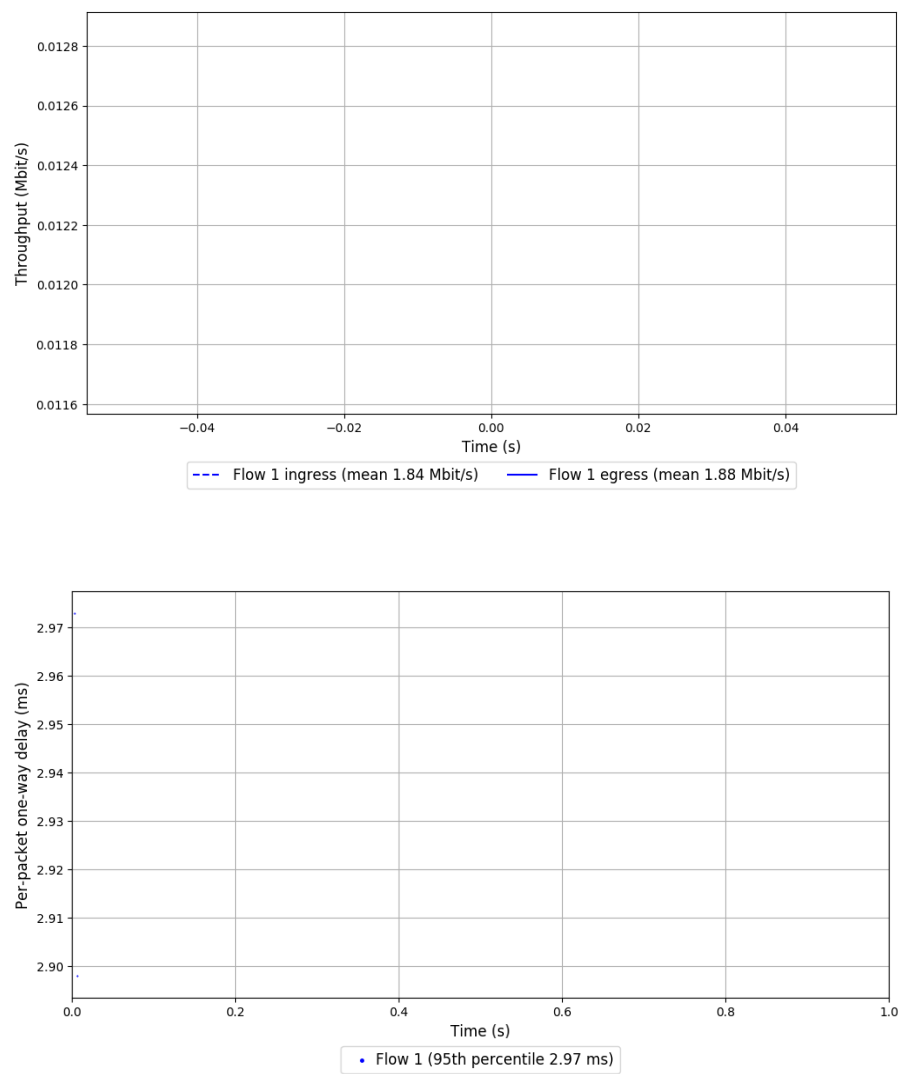
Start at: 2018-04-10 12:27:01

End at: 2018-04-10 12:27:31

Local clock offset: -8.571 ms

Remote clock offset: -7.884 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-04-10 12:47:12

End at: 2018-04-10 12:47:42

Local clock offset: -7.668 ms

Remote clock offset: -7.634 ms

Below is generated by plot.py at 2018-04-10 16:26:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.22 Mbit/s

95th percentile per-packet one-way delay: 8.540 ms

Loss rate: 0.03%

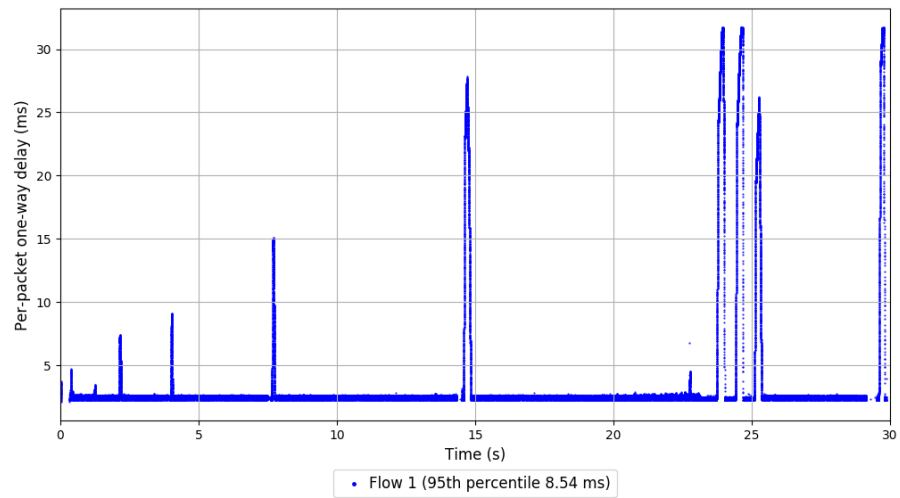
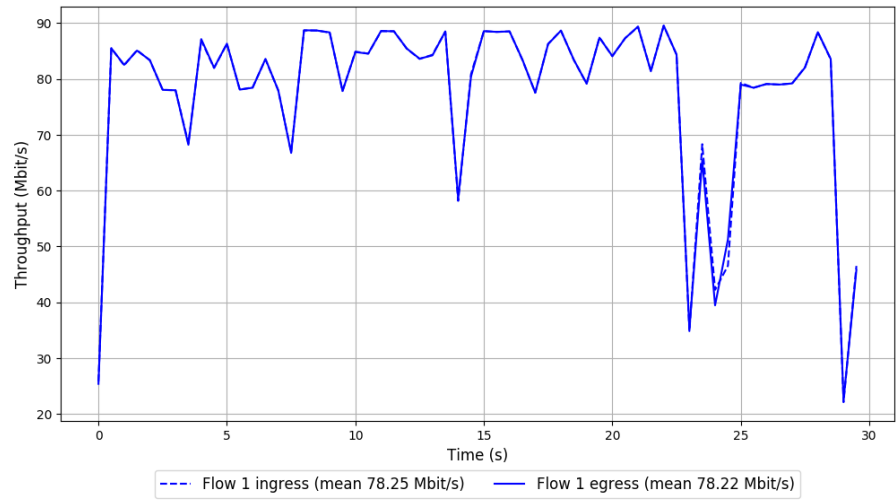
-- Flow 1:

Average throughput: 78.22 Mbit/s

95th percentile per-packet one-way delay: 8.540 ms

Loss rate: 0.03%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-04-10 13:07:32

End at: 2018-04-10 13:08:02

Local clock offset: -7.204 ms

Remote clock offset: -7.539 ms

Below is generated by plot.py at 2018-04-10 16:26:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.86 Mbit/s

95th percentile per-packet one-way delay: 22.199 ms

Loss rate: 0.06%

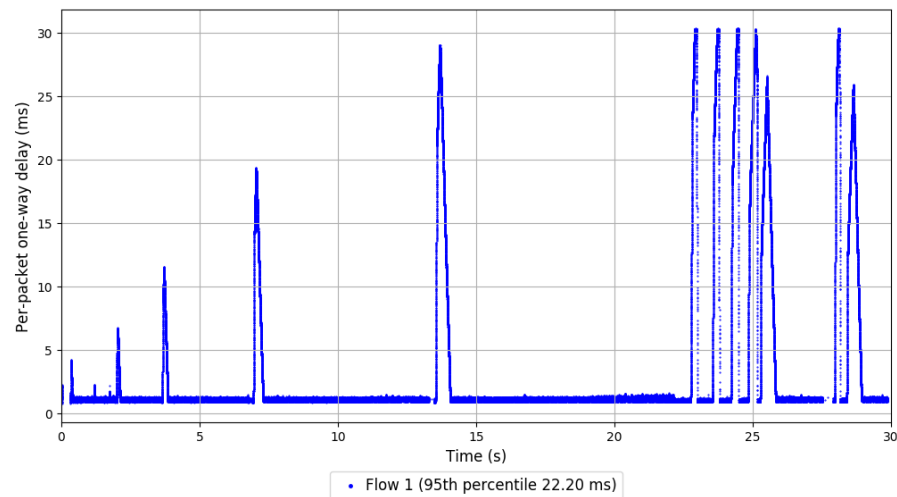
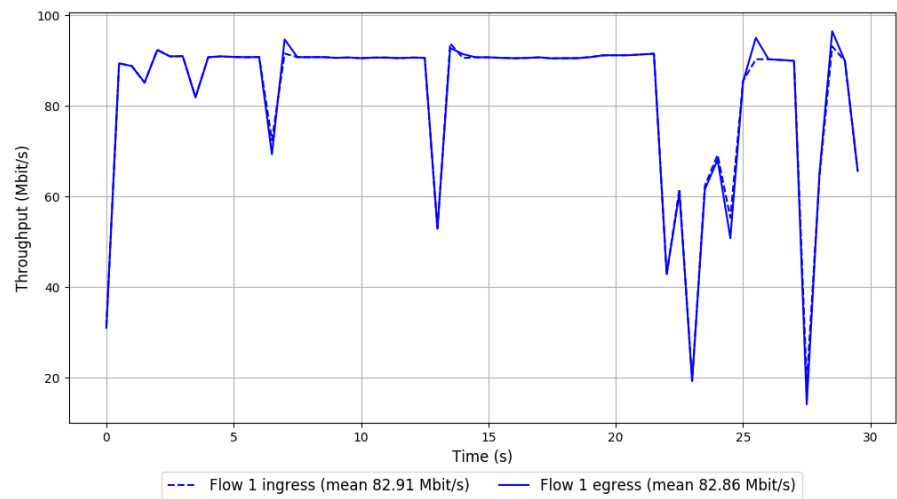
-- Flow 1:

Average throughput: 82.86 Mbit/s

95th percentile per-packet one-way delay: 22.199 ms

Loss rate: 0.06%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-04-10 13:27:48

End at: 2018-04-10 13:28:18

Local clock offset: -6.47 ms

Remote clock offset: -5.181 ms

Below is generated by plot.py at 2018-04-10 16:26:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.29 Mbit/s

95th percentile per-packet one-way delay: 8.510 ms

Loss rate: 0.05%

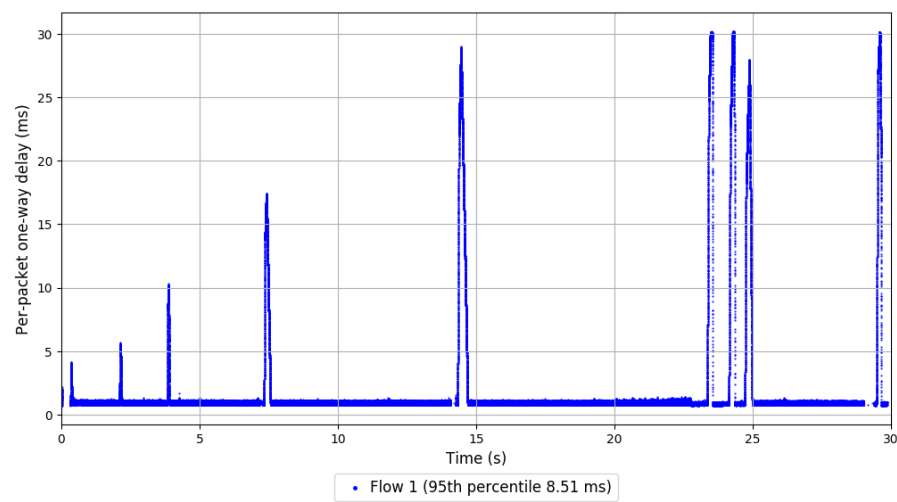
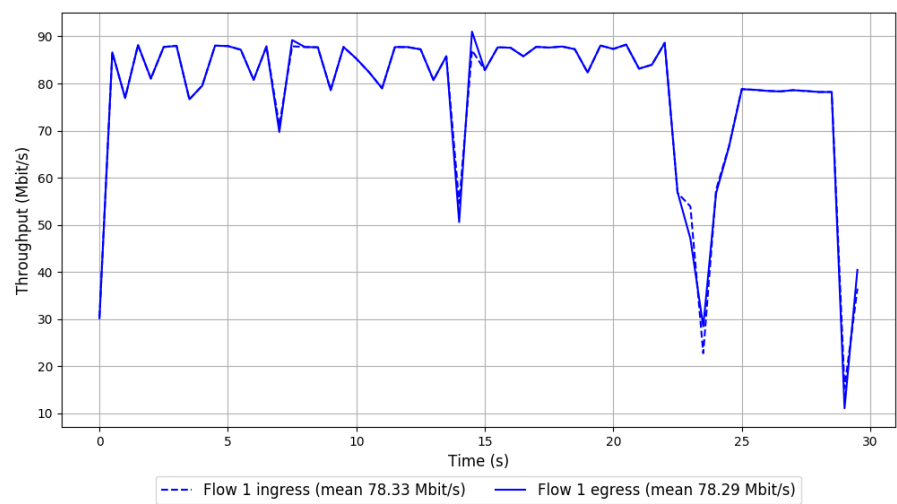
-- Flow 1:

Average throughput: 78.29 Mbit/s

95th percentile per-packet one-way delay: 8.510 ms

Loss rate: 0.05%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-04-10 13:48:03

End at: 2018-04-10 13:48:33

Local clock offset: -7.79 ms

Remote clock offset: -5.262 ms

Below is generated by plot.py at 2018-04-10 16:26:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.09 Mbit/s

95th percentile per-packet one-way delay: 2.000 ms

Loss rate: 0.00%

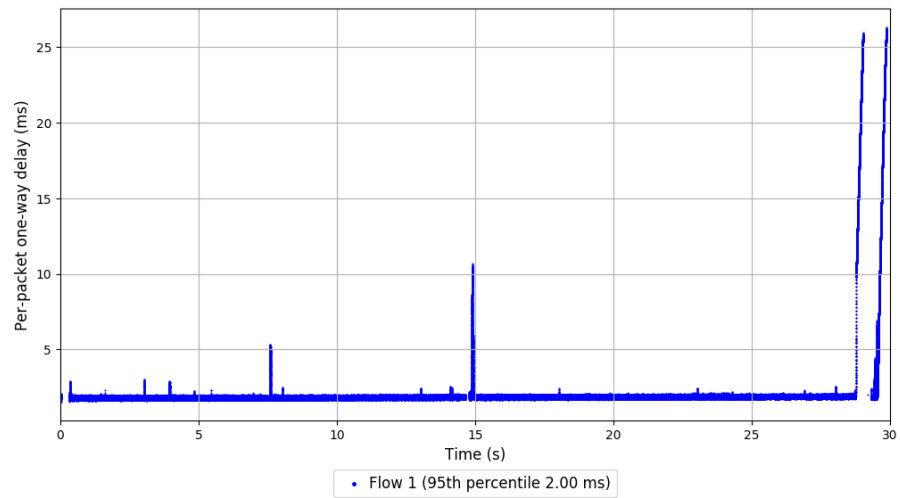
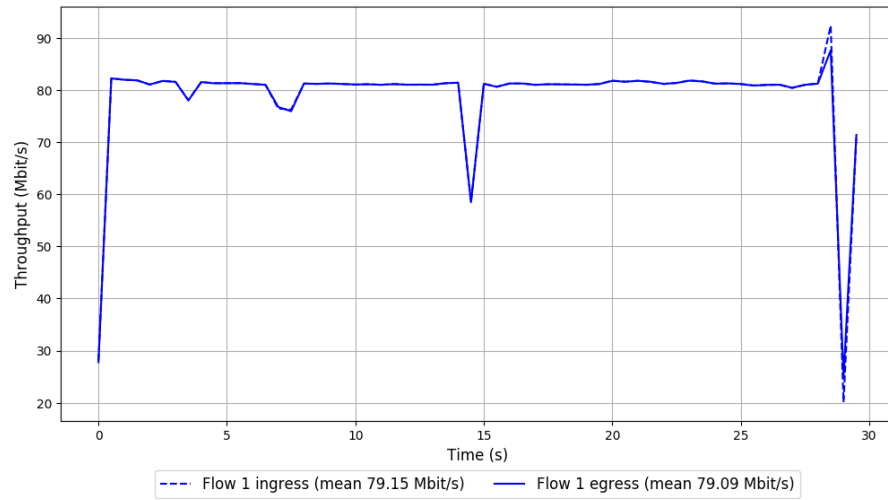
-- Flow 1:

Average throughput: 79.09 Mbit/s

95th percentile per-packet one-way delay: 2.000 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-04-10 14:08:20

End at: 2018-04-10 14:08:50

Local clock offset: -6.467 ms

Remote clock offset: -7.762 ms

Below is generated by plot.py at 2018-04-10 16:26:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.13 Mbit/s

95th percentile per-packet one-way delay: 10.221 ms

Loss rate: 0.00%

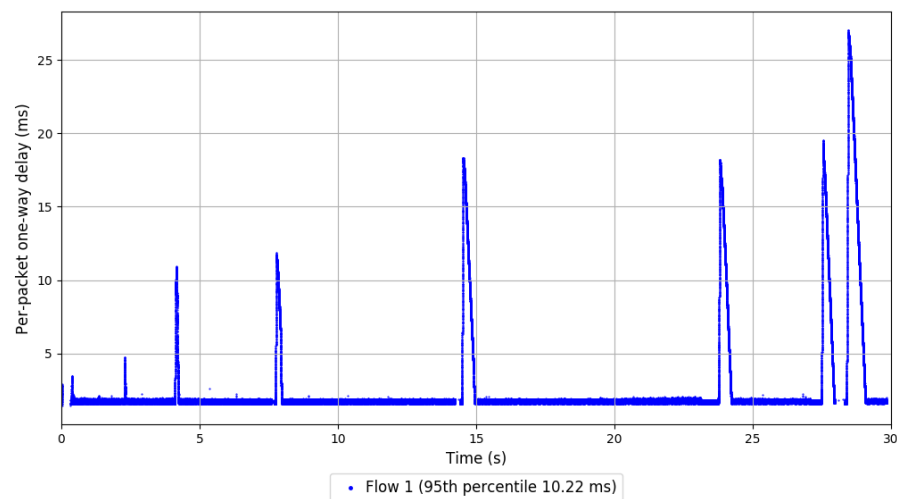
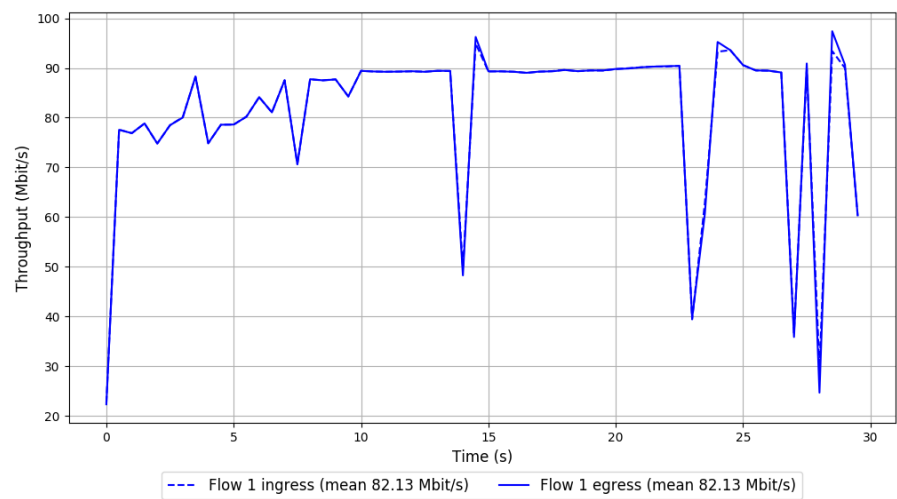
-- Flow 1:

Average throughput: 82.13 Mbit/s

95th percentile per-packet one-way delay: 10.221 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

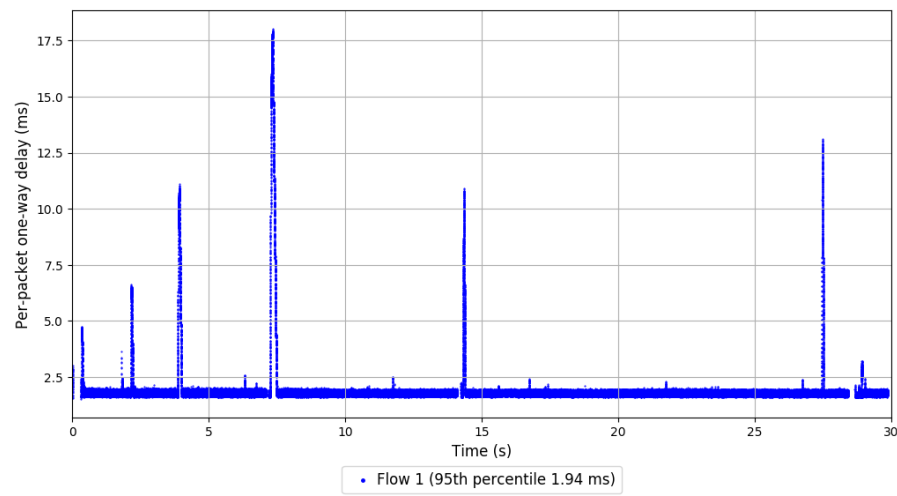
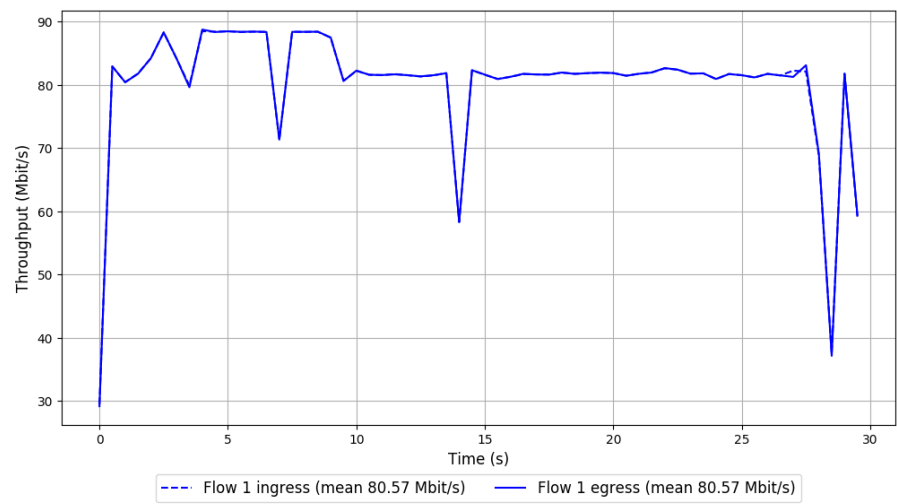


Run 7: Statistics of QUIC Cubic

Start at: 2018-04-10 14:28:37
End at: 2018-04-10 14:29:07
Local clock offset: -7.162 ms
Remote clock offset: -7.605 ms

Below is generated by plot.py at 2018-04-10 16:26:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.57 Mbit/s
95th percentile per-packet one-way delay: 1.935 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.57 Mbit/s
95th percentile per-packet one-way delay: 1.935 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-04-10 14:48:54

End at: 2018-04-10 14:49:24

Local clock offset: -6.14 ms

Remote clock offset: -7.465 ms

Below is generated by plot.py at 2018-04-10 16:26:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.59 Mbit/s

95th percentile per-packet one-way delay: 1.181 ms

Loss rate: 0.00%

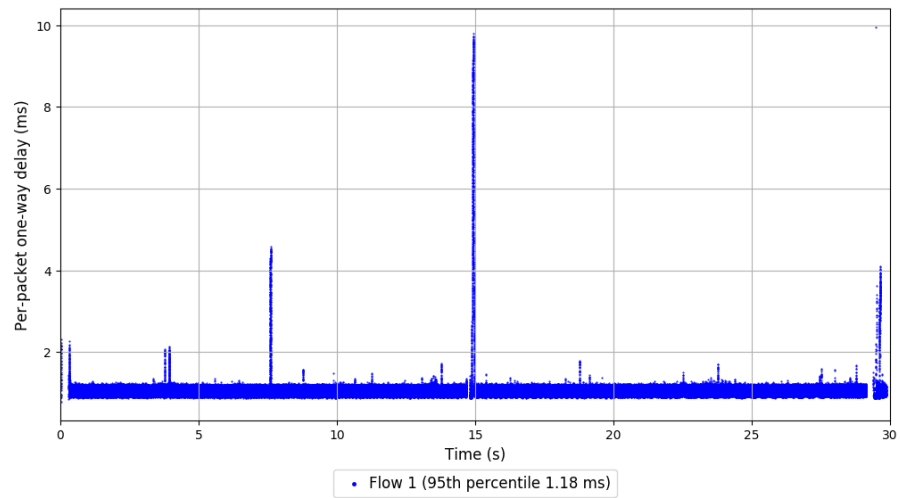
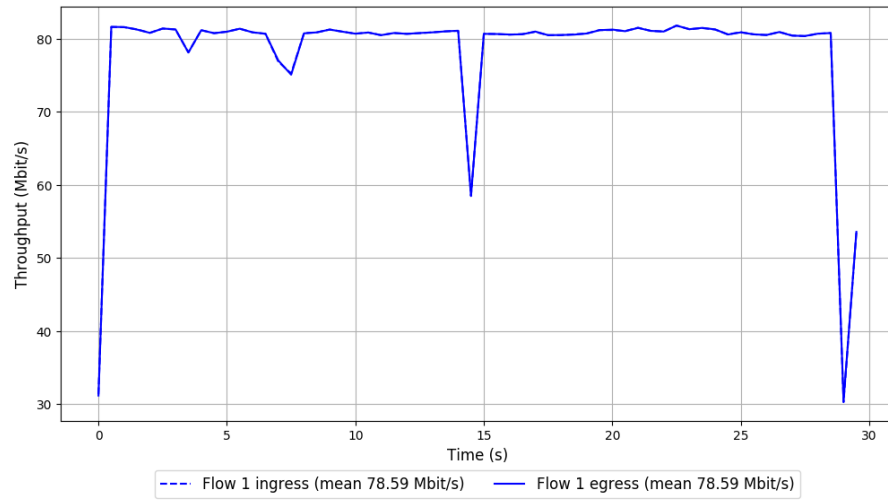
-- Flow 1:

Average throughput: 78.59 Mbit/s

95th percentile per-packet one-way delay: 1.181 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-04-10 15:09:10

End at: 2018-04-10 15:09:40

Local clock offset: -6.039 ms

Remote clock offset: 2.834 ms

Below is generated by plot.py at 2018-04-10 16:26:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.25 Mbit/s

95th percentile per-packet one-way delay: 7.179 ms

Loss rate: 0.00%

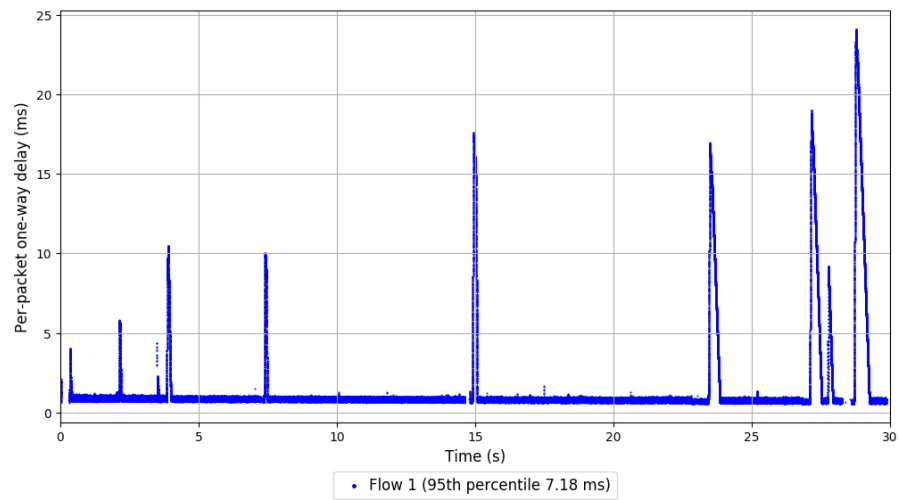
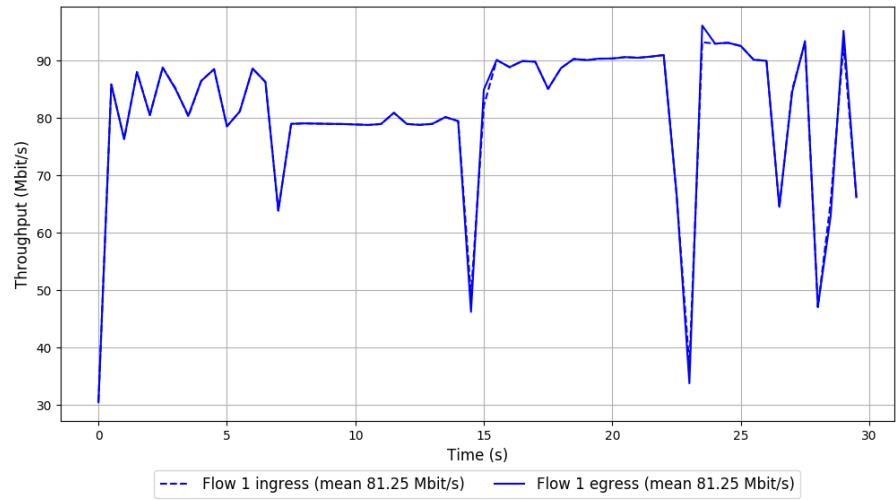
-- Flow 1:

Average throughput: 81.25 Mbit/s

95th percentile per-packet one-way delay: 7.179 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-04-10 15:29:41

End at: 2018-04-10 15:30:11

Local clock offset: -7.166 ms

Remote clock offset: 7.39 ms

Below is generated by plot.py at 2018-04-10 16:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.48 Mbit/s

95th percentile per-packet one-way delay: 22.653 ms

Loss rate: 0.04%

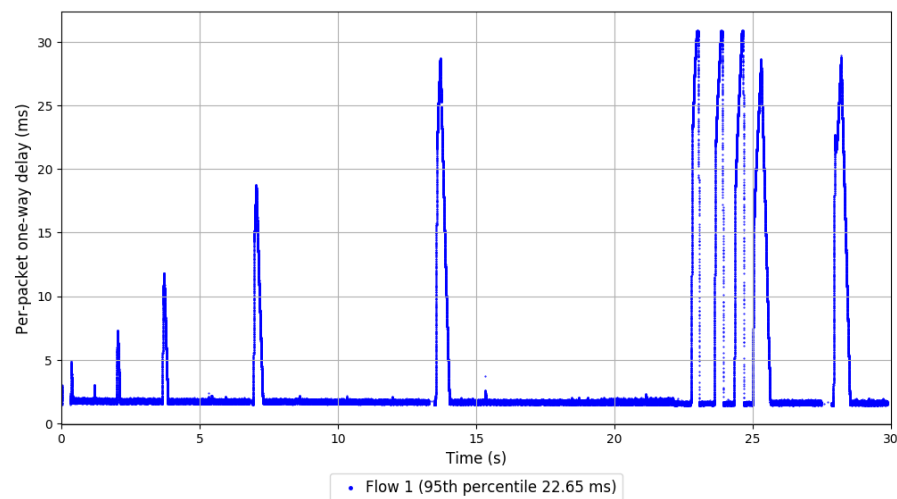
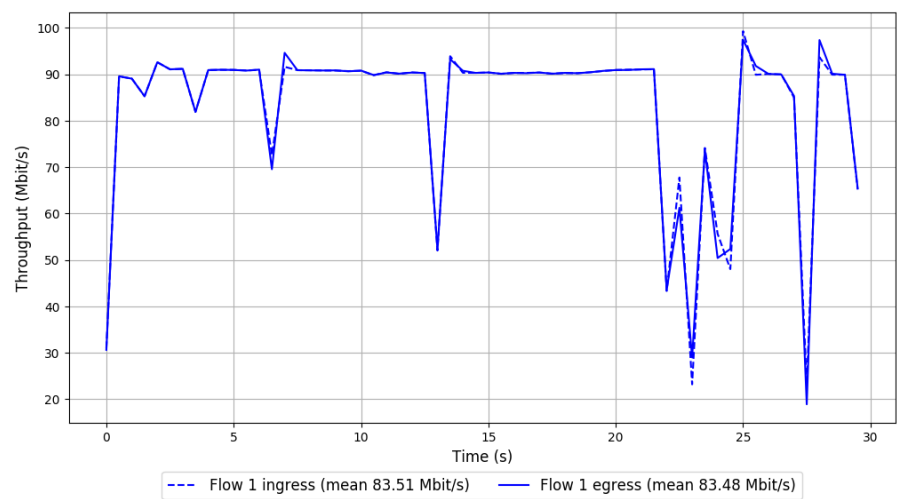
-- Flow 1:

Average throughput: 83.48 Mbit/s

95th percentile per-packet one-way delay: 22.653 ms

Loss rate: 0.04%

Run 10: Report of QUIC Cubic — Data Link

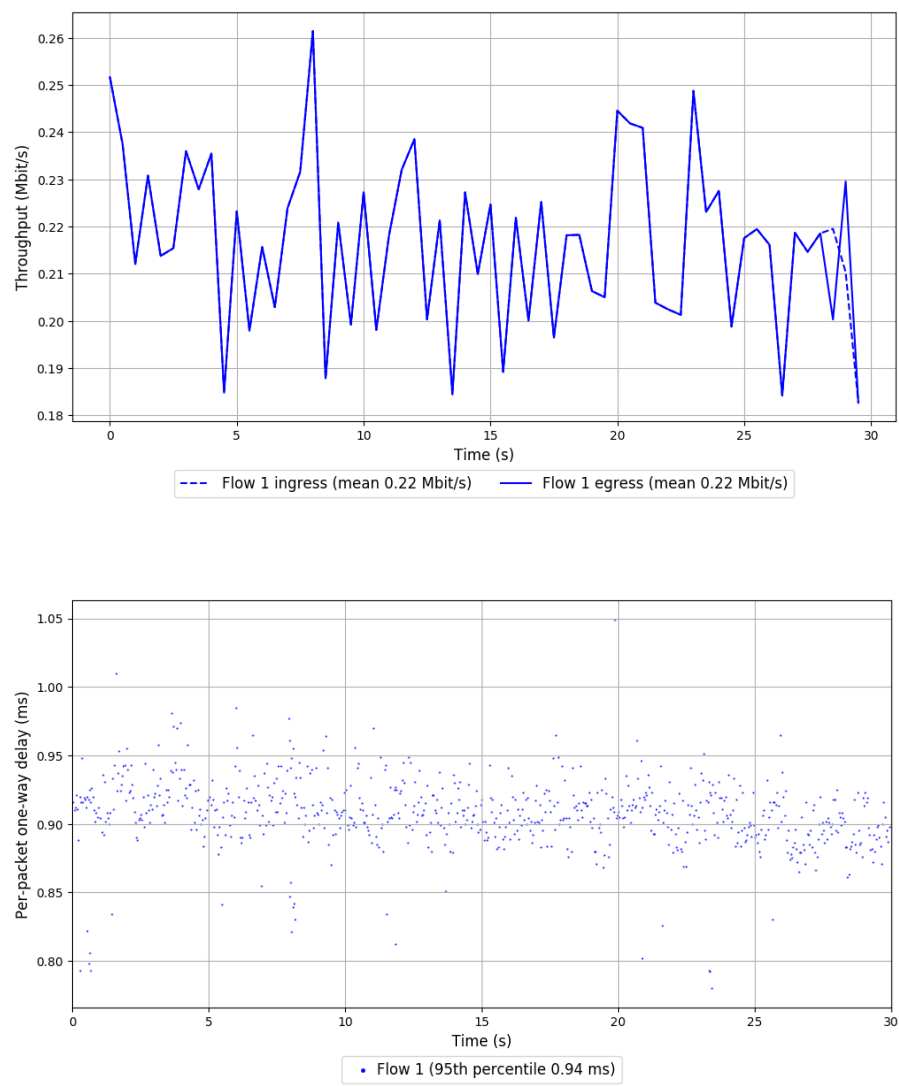


Run 1: Statistics of SCReAM

Start at: 2018-04-10 12:38:11
End at: 2018-04-10 12:38:41
Local clock offset: -7.788 ms
Remote clock offset: -7.852 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.944 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.944 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

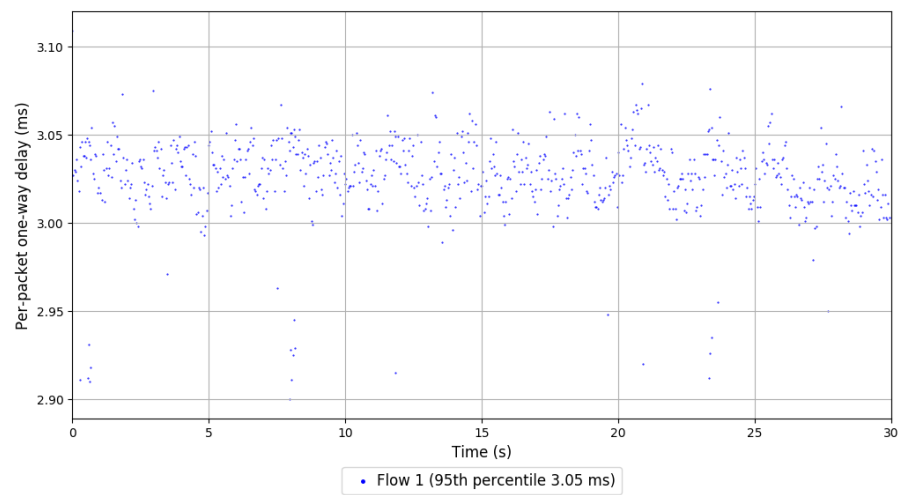
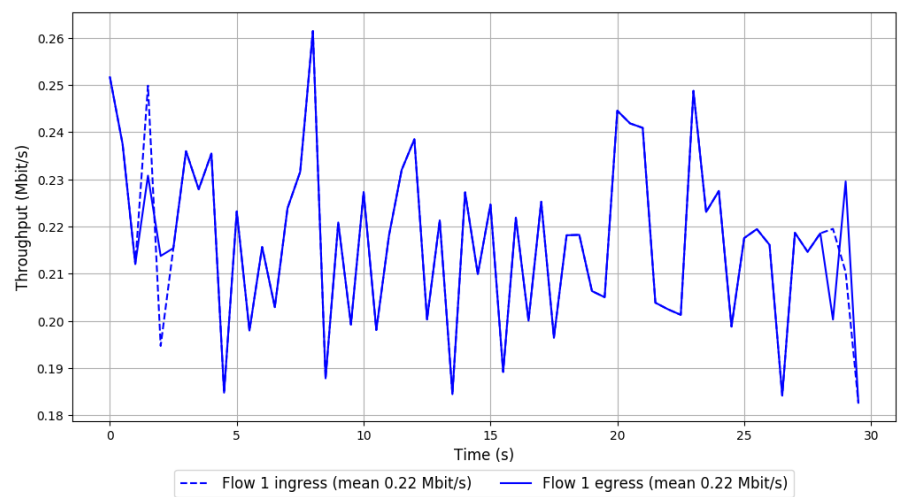


Run 2: Statistics of SCReAM

Start at: 2018-04-10 12:58:29
End at: 2018-04-10 12:58:59
Local clock offset: -8.463 ms
Remote clock offset: -7.613 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.054 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.054 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

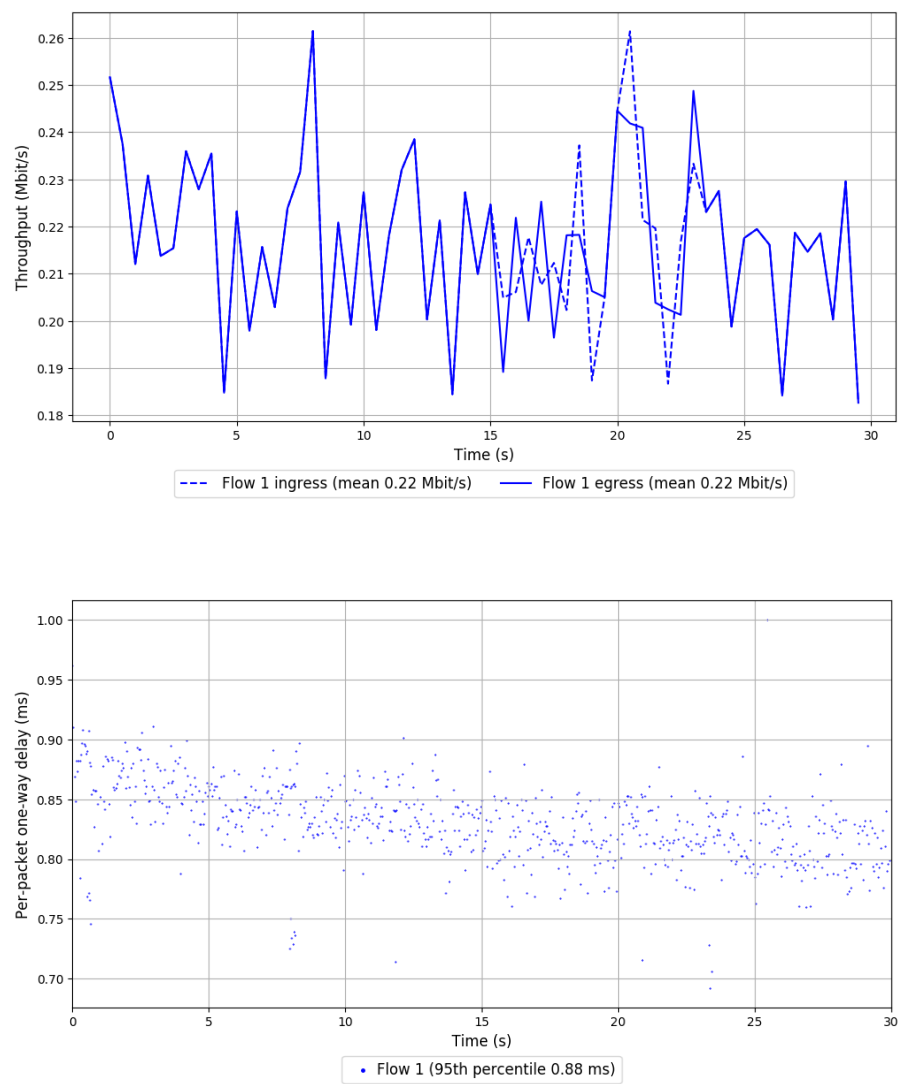


Run 3: Statistics of SCReAM

Start at: 2018-04-10 13:18:46
End at: 2018-04-10 13:19:16
Local clock offset: -6.621 ms
Remote clock offset: -5.974 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.882 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.882 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

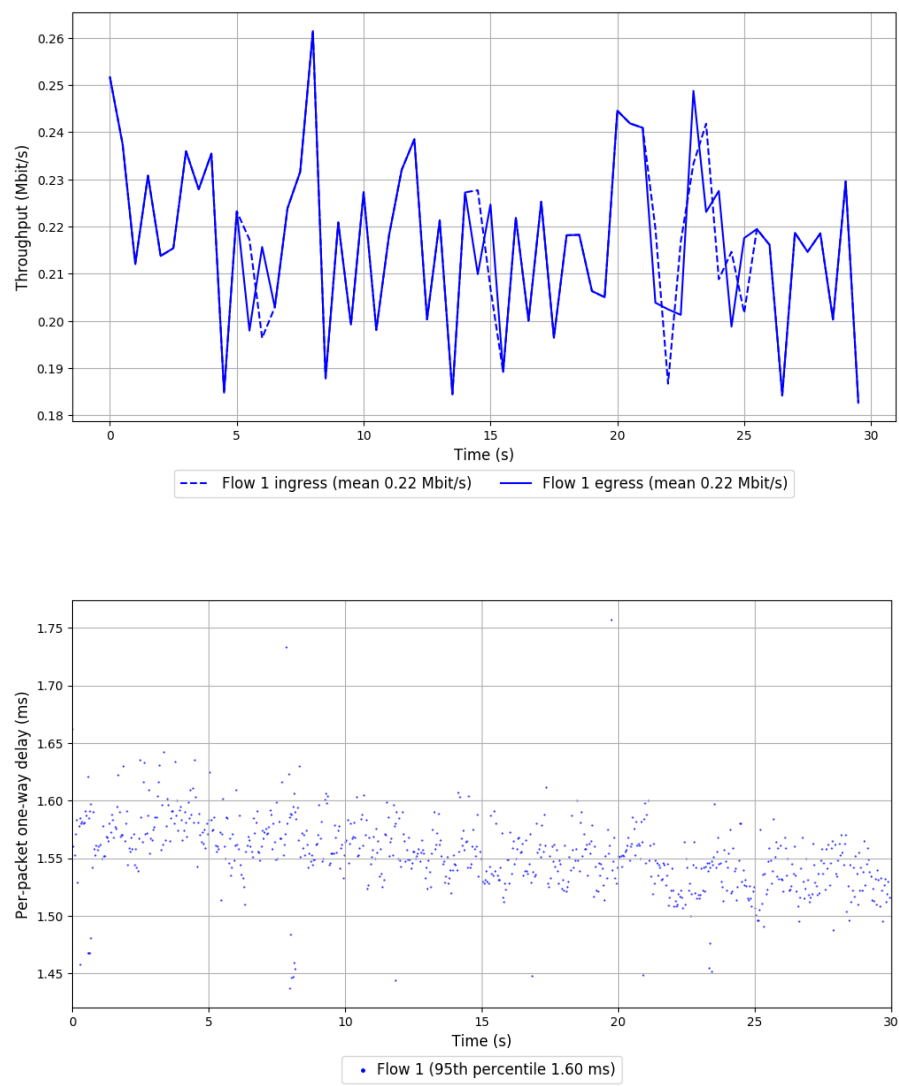


Run 4: Statistics of SCReAM

Start at: 2018-04-10 13:39:02
End at: 2018-04-10 13:39:32
Local clock offset: -7.318 ms
Remote clock offset: -4.626 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.600 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.600 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

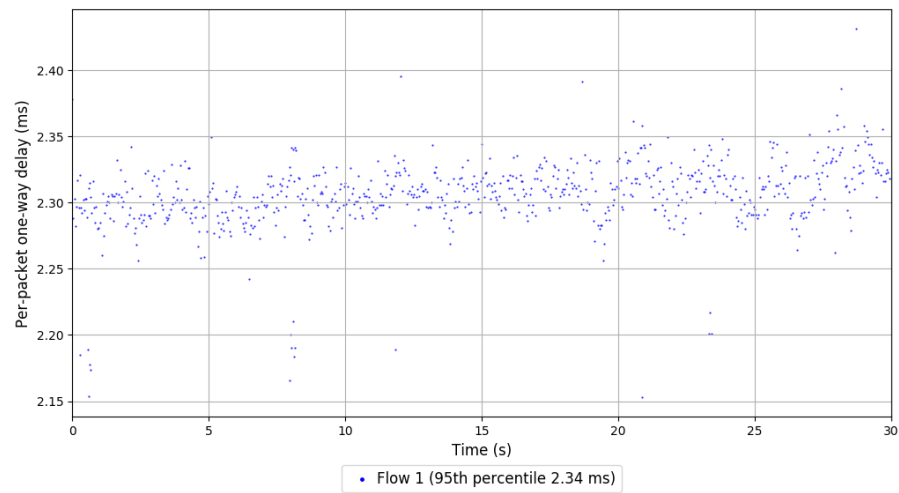
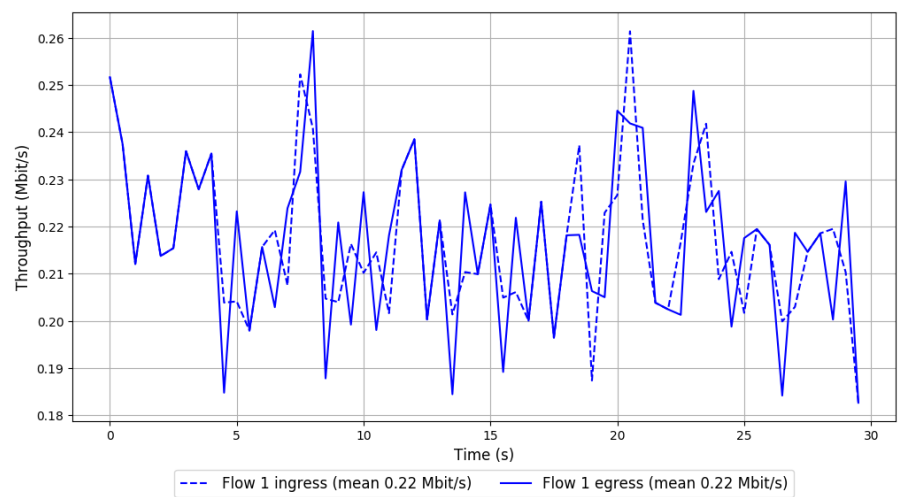


Run 5: Statistics of SCReAM

Start at: 2018-04-10 13:59:17
End at: 2018-04-10 13:59:47
Local clock offset: -7.151 ms
Remote clock offset: -7.162 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.341 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.341 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

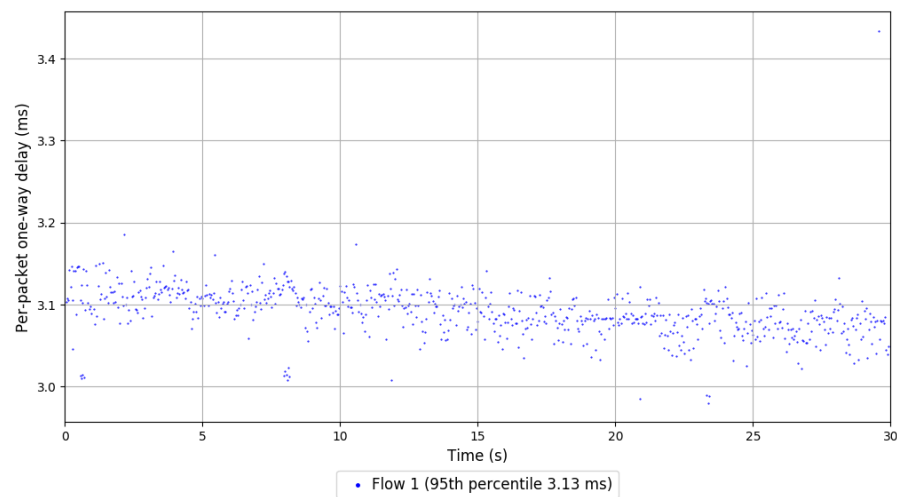
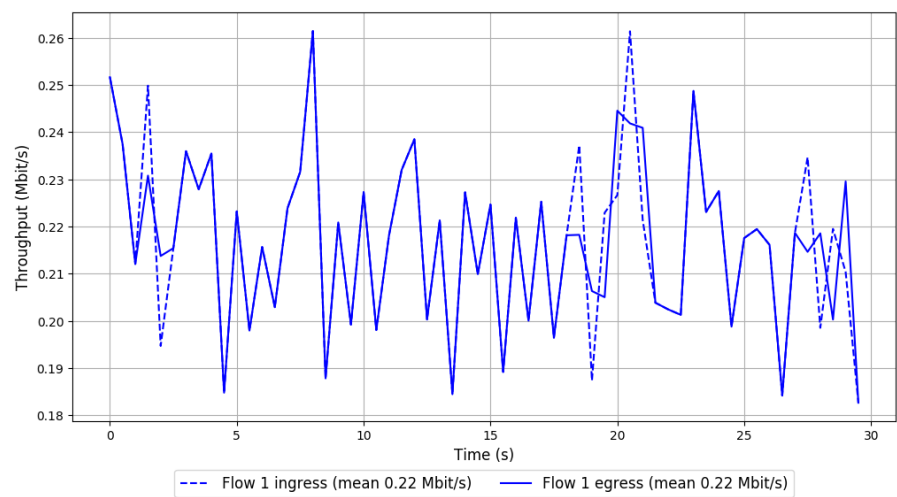


Run 6: Statistics of SCReAM

Start at: 2018-04-10 14:19:34
End at: 2018-04-10 14:20:04
Local clock offset: -7.349 ms
Remote clock offset: -8.259 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.131 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.131 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-04-10 14:39:52

End at: 2018-04-10 14:40:22

Local clock offset: -6.122 ms

Remote clock offset: -7.5 ms

Below is generated by plot.py at 2018-04-10 16:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.292 ms

Loss rate: 0.00%

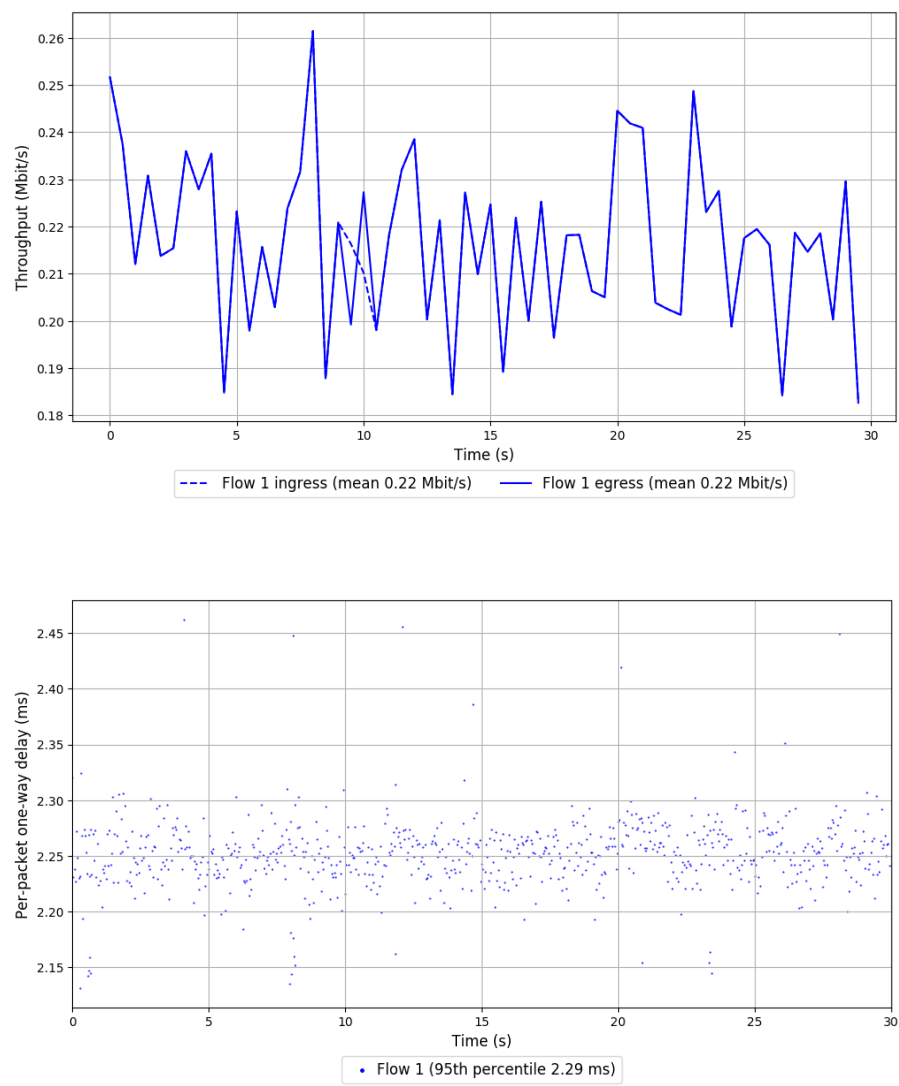
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.292 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

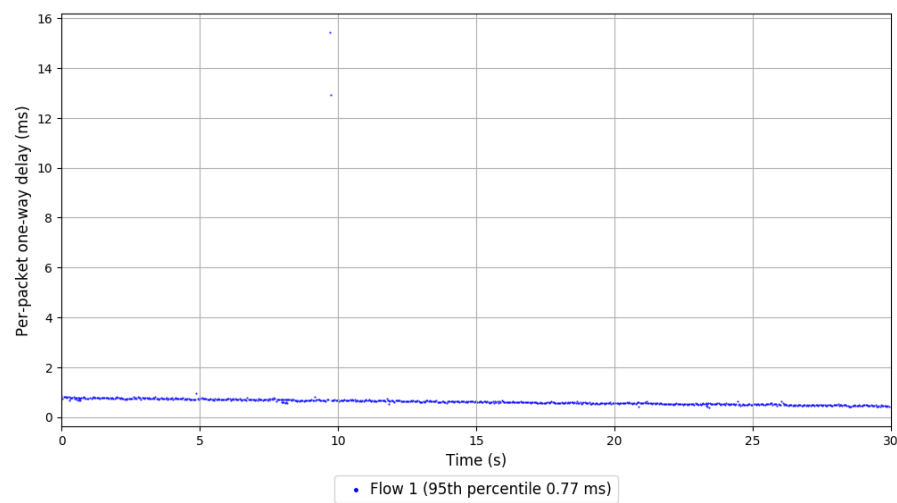
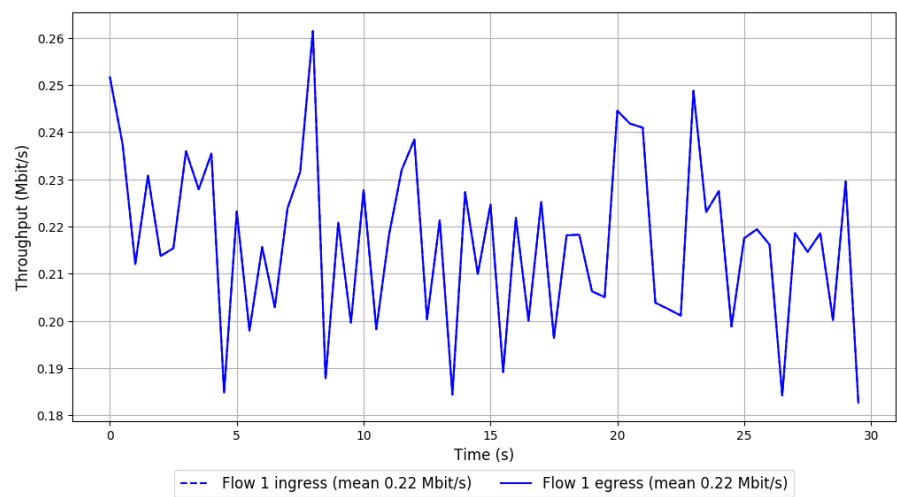


Run 8: Statistics of SCReAM

Start at: 2018-04-10 15:00:08
End at: 2018-04-10 15:00:38
Local clock offset: -6.185 ms
Remote clock offset: -1.502 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.773 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.773 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-04-10 15:20:39

End at: 2018-04-10 15:21:09

Local clock offset: -6.057 ms

Remote clock offset: 5.599 ms

Below is generated by plot.py at 2018-04-10 16:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.262 ms

Loss rate: 0.00%

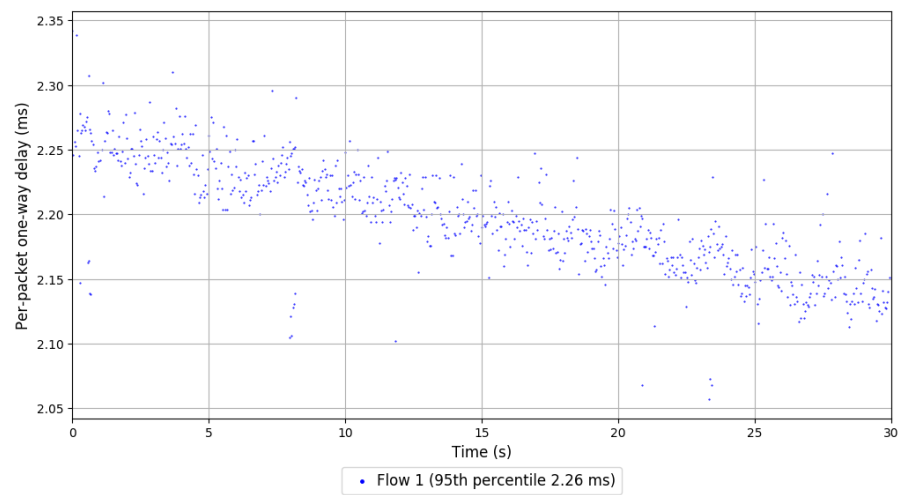
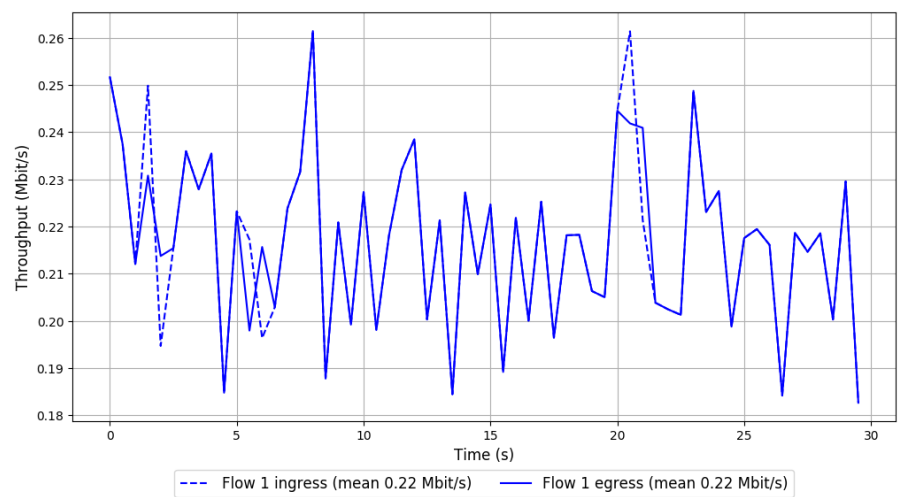
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.262 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-04-10 15:40:55

End at: 2018-04-10 15:41:25

Local clock offset: -6.576 ms

Remote clock offset: 9.918 ms

Below is generated by plot.py at 2018-04-10 16:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.301 ms

Loss rate: 0.00%

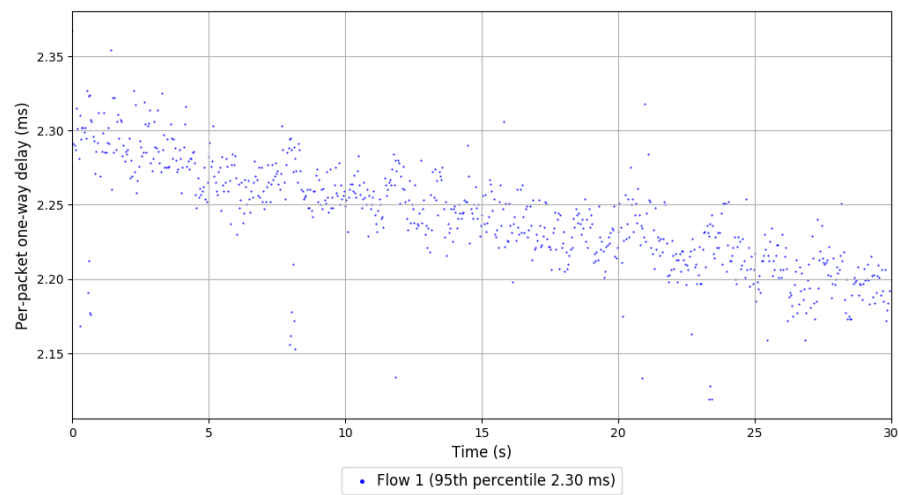
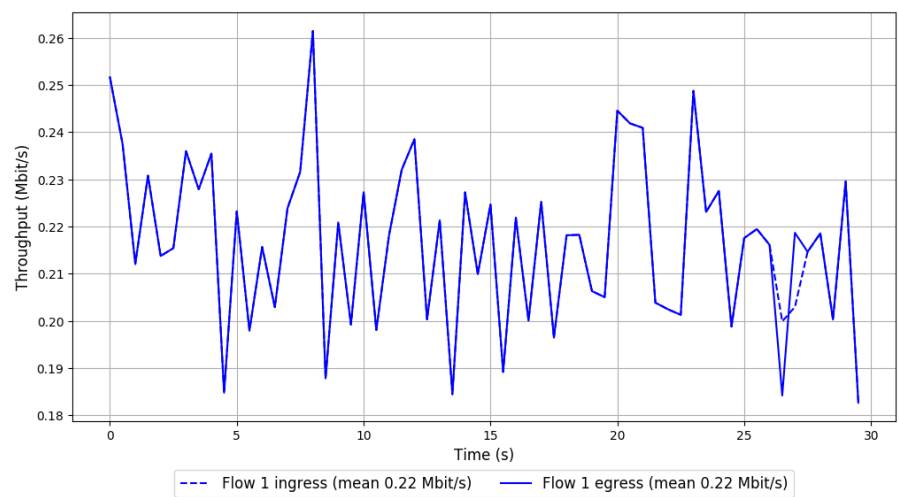
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.301 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

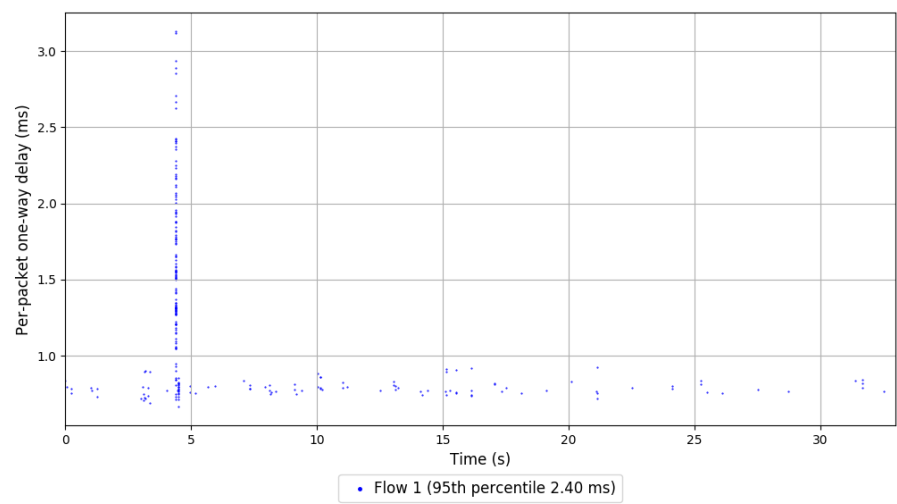
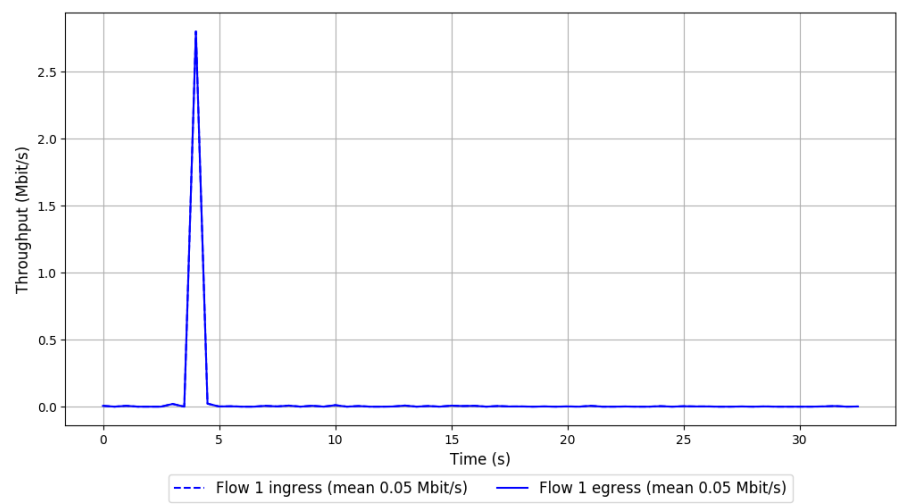


Run 1: Statistics of WebRTC media

Start at: 2018-04-10 12:28:04
End at: 2018-04-10 12:28:34
Local clock offset: -7.797 ms
Remote clock offset: -7.855 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.397 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.397 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

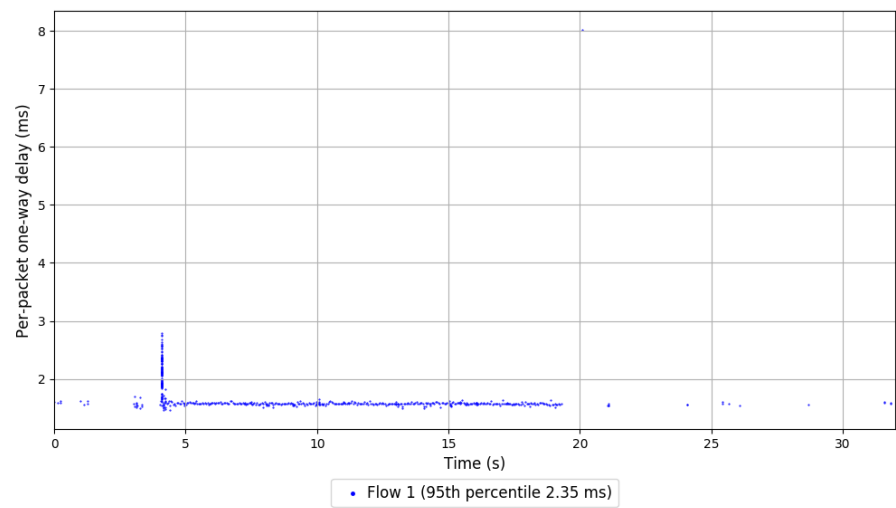
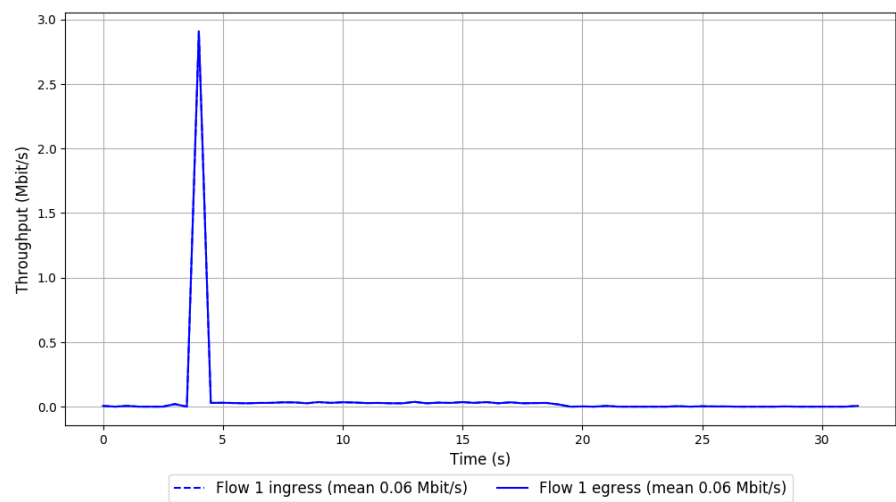


Run 2: Statistics of WebRTC media

Start at: 2018-04-10 12:48:19
End at: 2018-04-10 12:48:49
Local clock offset: -8.452 ms
Remote clock offset: -7.629 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 2.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 2.345 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

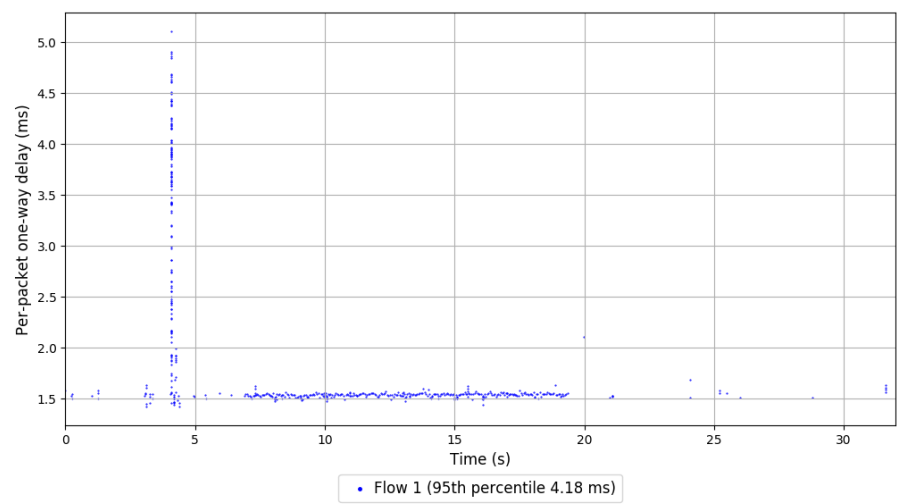
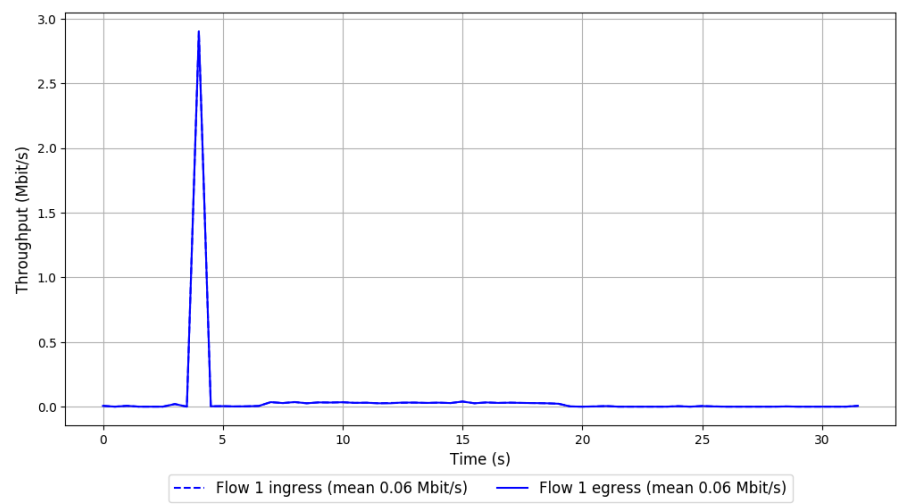


Run 3: Statistics of WebRTC media

Start at: 2018-04-10 13:08:39
End at: 2018-04-10 13:09:09
Local clock offset: -6.355 ms
Remote clock offset: -7.544 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 4.184 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 4.184 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

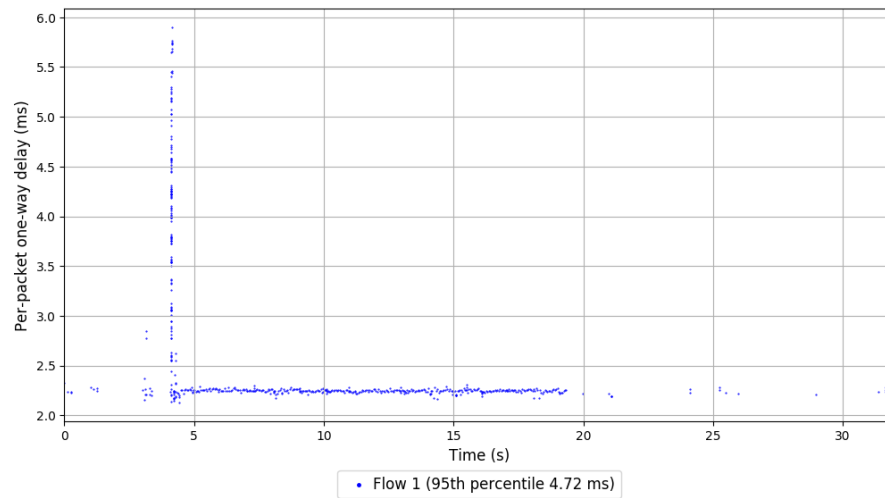
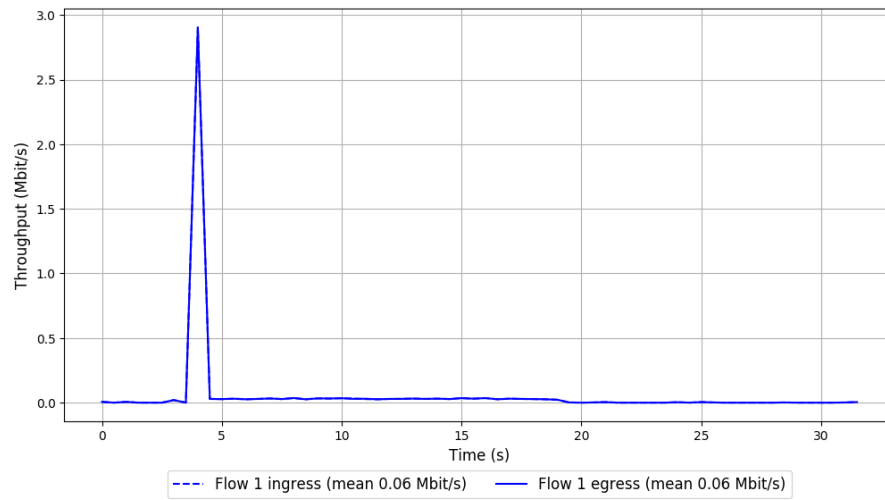


Run 4: Statistics of WebRTC media

Start at: 2018-04-10 13:28:55
End at: 2018-04-10 13:29:25
Local clock offset: -6.419 ms
Remote clock offset: -5.048 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 4.716 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 4.716 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

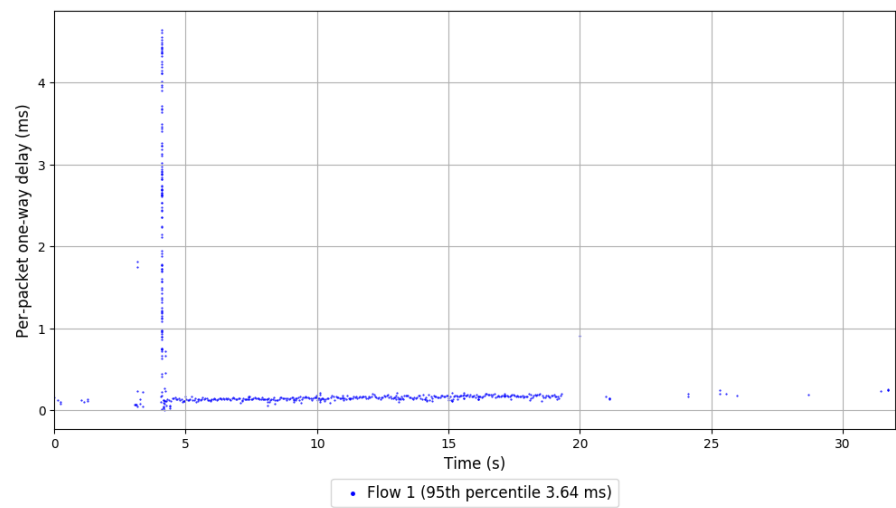
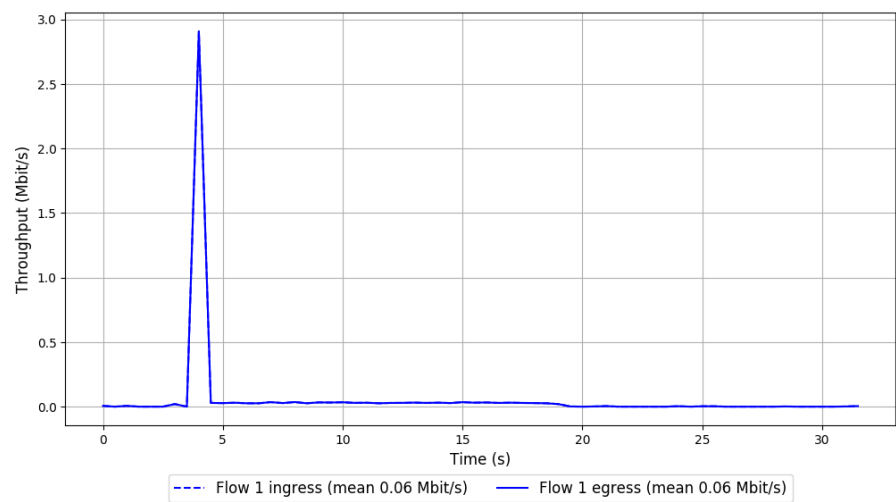


Run 5: Statistics of WebRTC media

Start at: 2018-04-10 13:49:11
End at: 2018-04-10 13:49:41
Local clock offset: -6.263 ms
Remote clock offset: -5.508 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.641 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 3.641 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

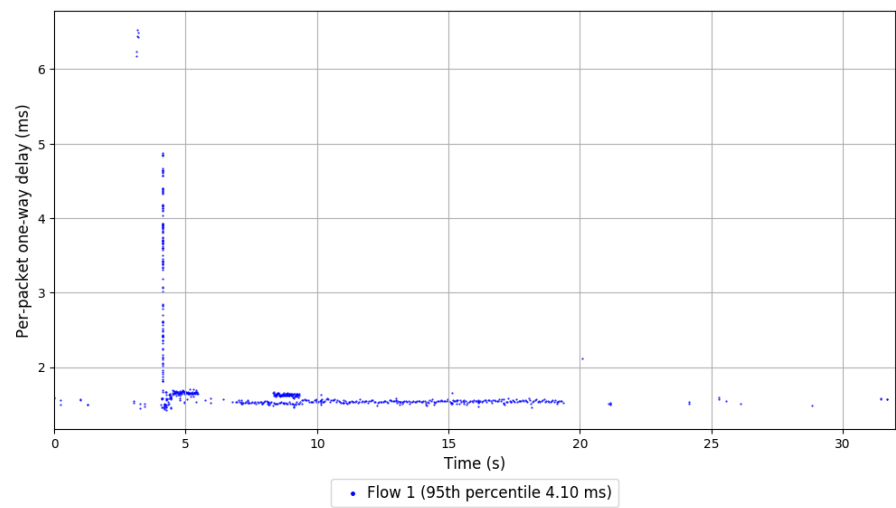
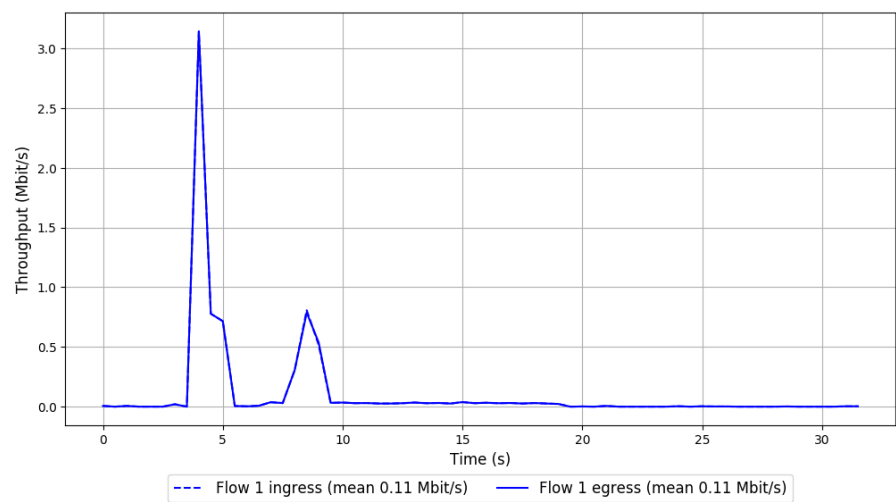


Run 6: Statistics of WebRTC media

Start at: 2018-04-10 14:09:27
End at: 2018-04-10 14:09:57
Local clock offset: -6.46 ms
Remote clock offset: -7.818 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 4.099 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 4.099 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

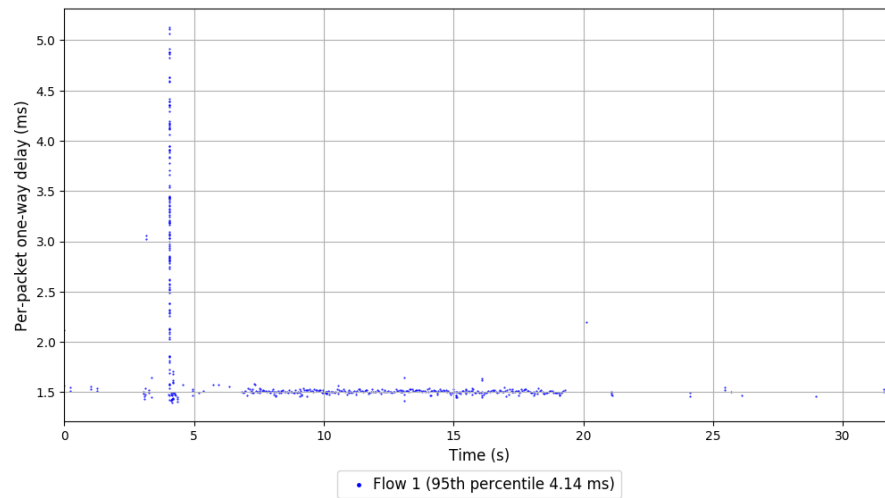
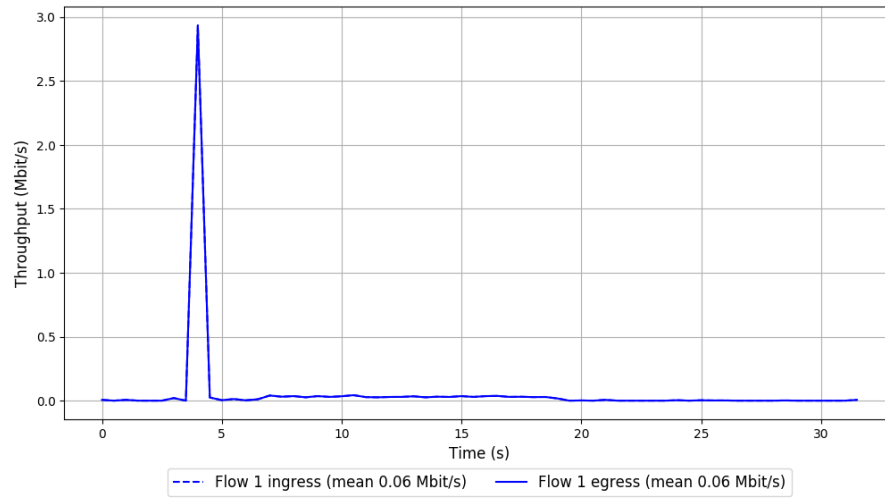


Run 7: Statistics of WebRTC media

Start at: 2018-04-10 14:29:45
End at: 2018-04-10 14:30:15
Local clock offset: -5.548 ms
Remote clock offset: -7.556 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 4.143 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 4.143 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

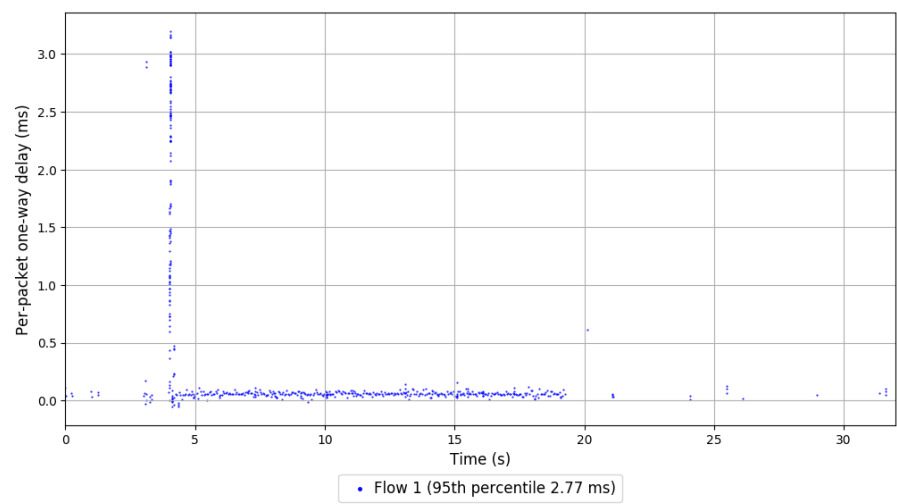
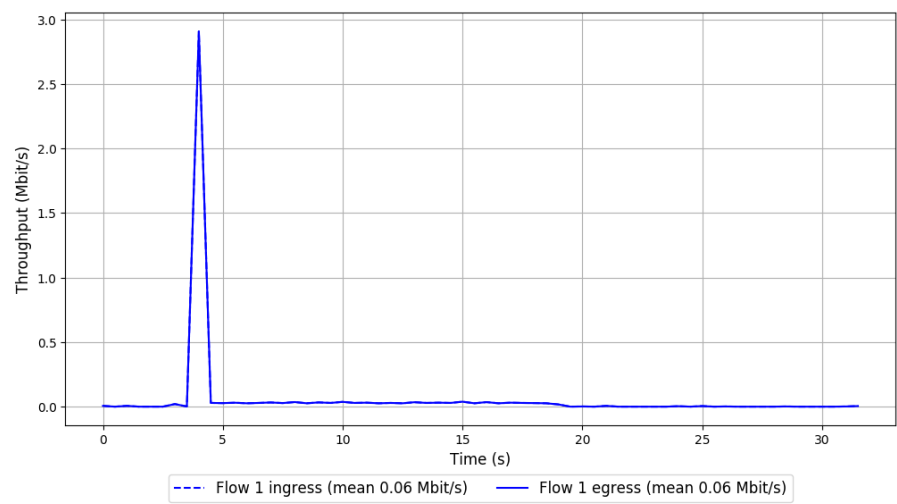


Run 8: Statistics of WebRTC media

Start at: 2018-04-10 14:50:01
End at: 2018-04-10 14:50:31
Local clock offset: -5.36 ms
Remote clock offset: -7.493 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 2.770 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 2.770 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-04-10 15:10:17

End at: 2018-04-10 15:10:47

Local clock offset: -5.28 ms

Remote clock offset: 3.216 ms

Below is generated by plot.py at 2018-04-10 16:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 3.681 ms

Loss rate: 0.00%

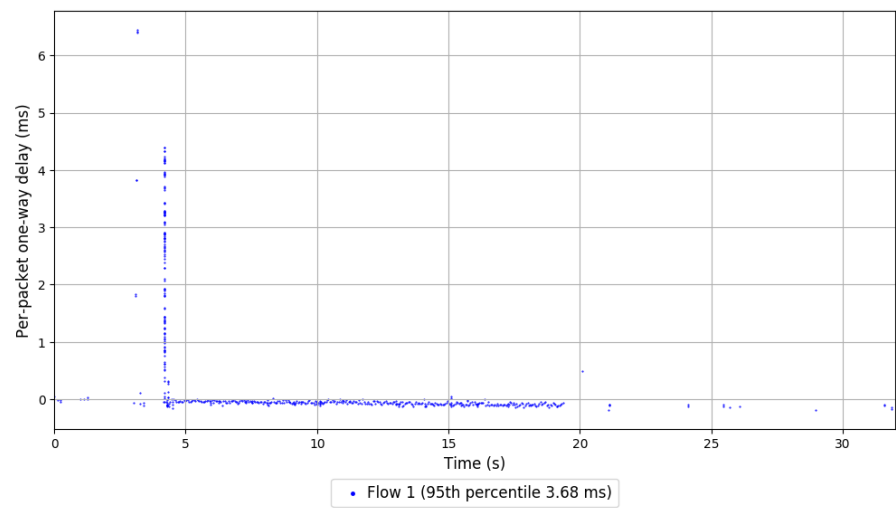
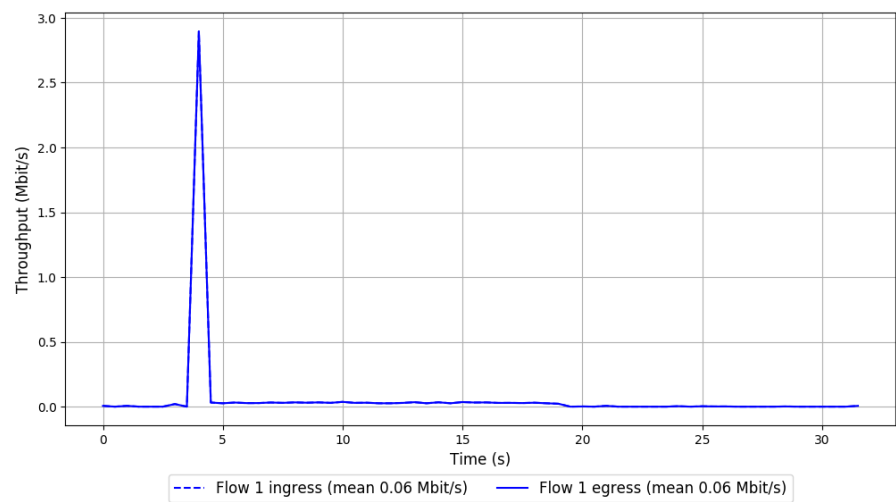
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 3.681 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-04-10 15:30:49

End at: 2018-04-10 15:31:19

Local clock offset: -6.461 ms

Remote clock offset: 7.695 ms

Below is generated by plot.py at 2018-04-10 16:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 4.165 ms

Loss rate: 0.00%

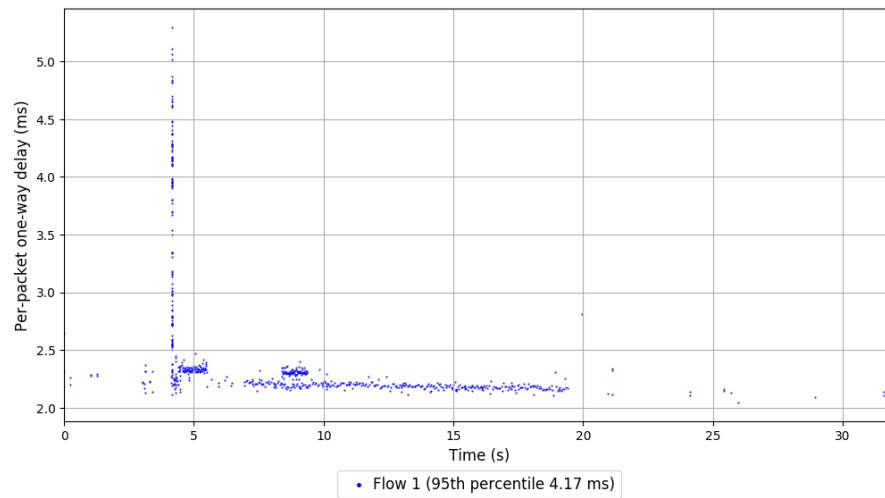
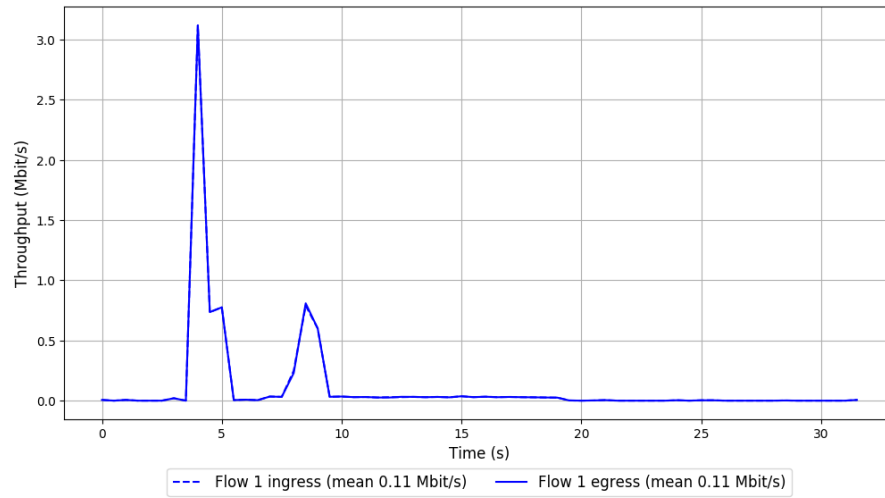
-- Flow 1:

Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 4.165 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

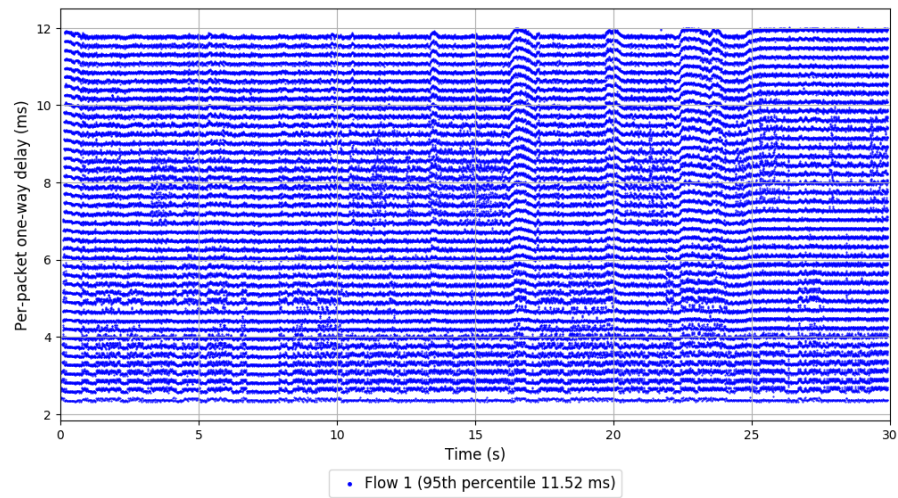
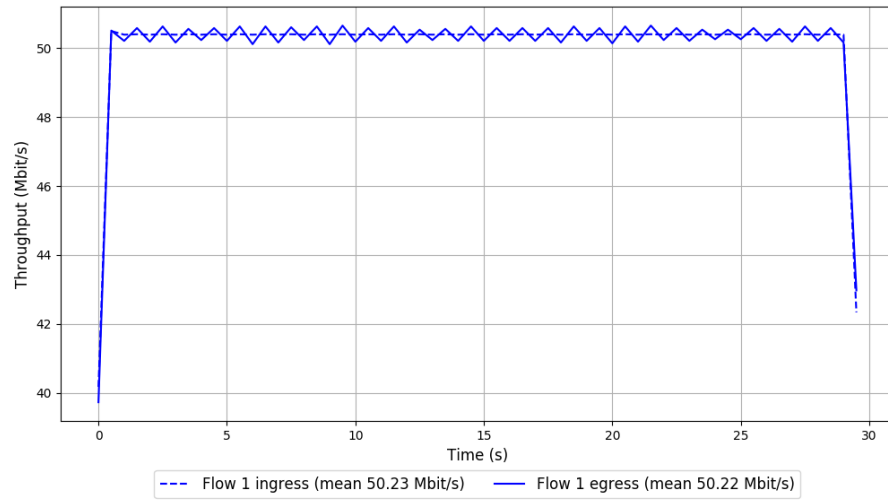


Run 1: Statistics of Sprout

Start at: 2018-04-10 12:32:33
End at: 2018-04-10 12:33:03
Local clock offset: -7.789 ms
Remote clock offset: -7.868 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 11.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 11.515 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

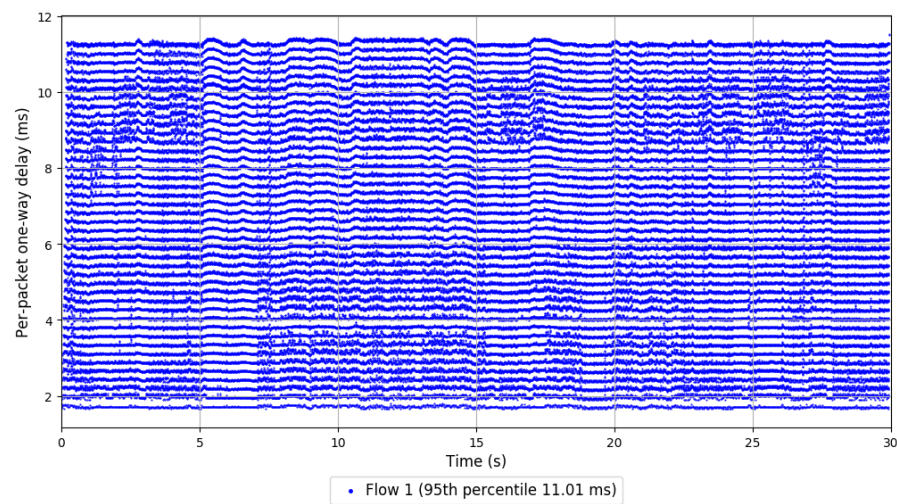
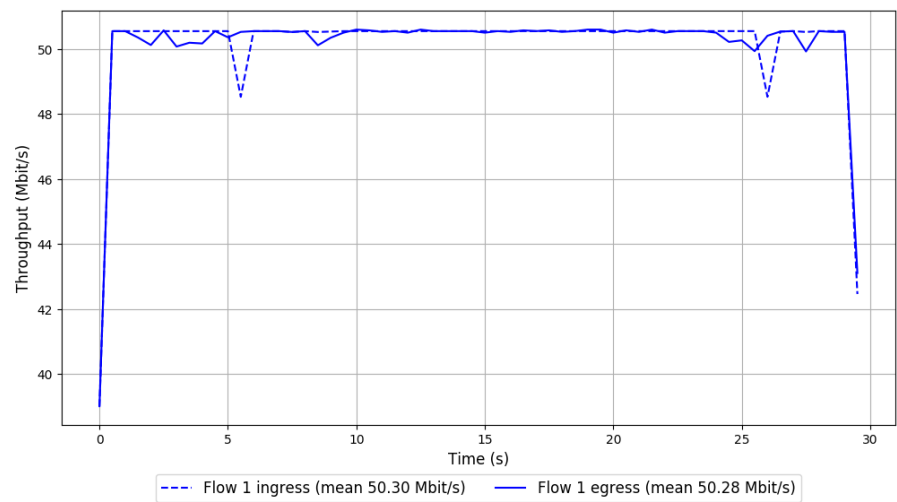


Run 2: Statistics of Sprout

Start at: 2018-04-10 12:52:50
End at: 2018-04-10 12:53:20
Local clock offset: -8.514 ms
Remote clock offset: -7.575 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 11.005 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 11.005 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

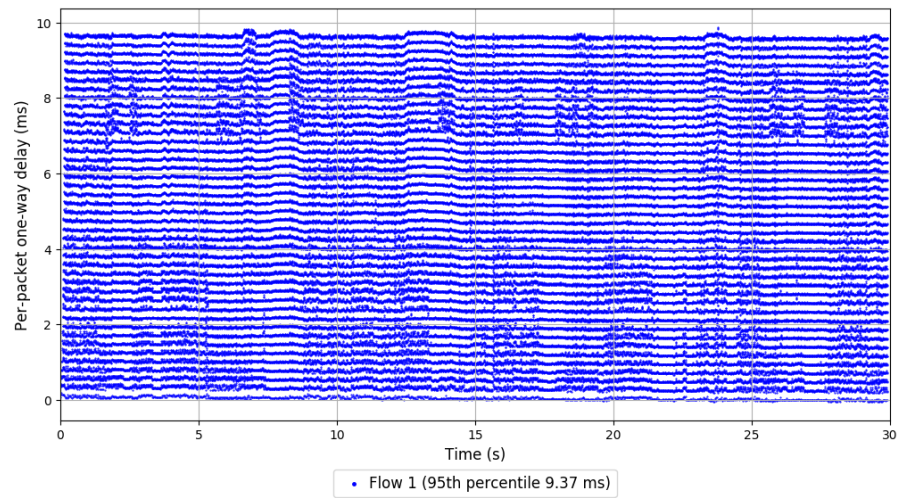
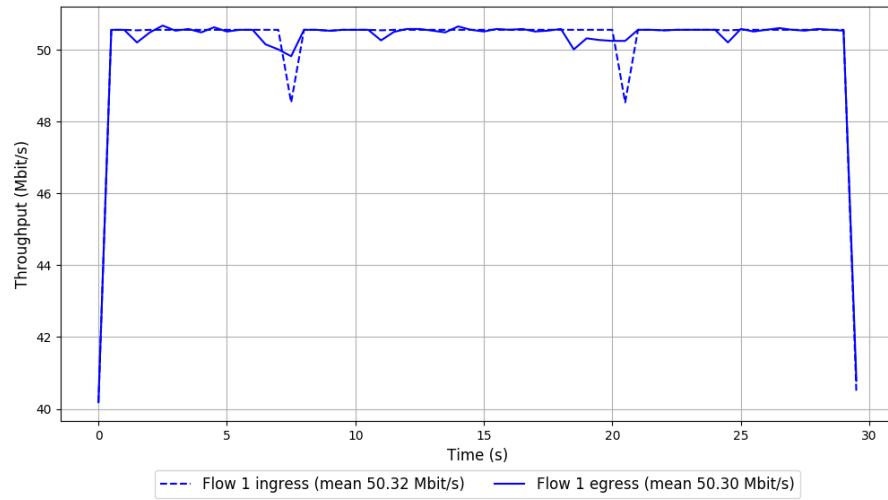


Run 3: Statistics of Sprout

Start at: 2018-04-10 13:13:08
End at: 2018-04-10 13:13:38
Local clock offset: -6.104 ms
Remote clock offset: -7.067 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 9.365 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 9.365 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

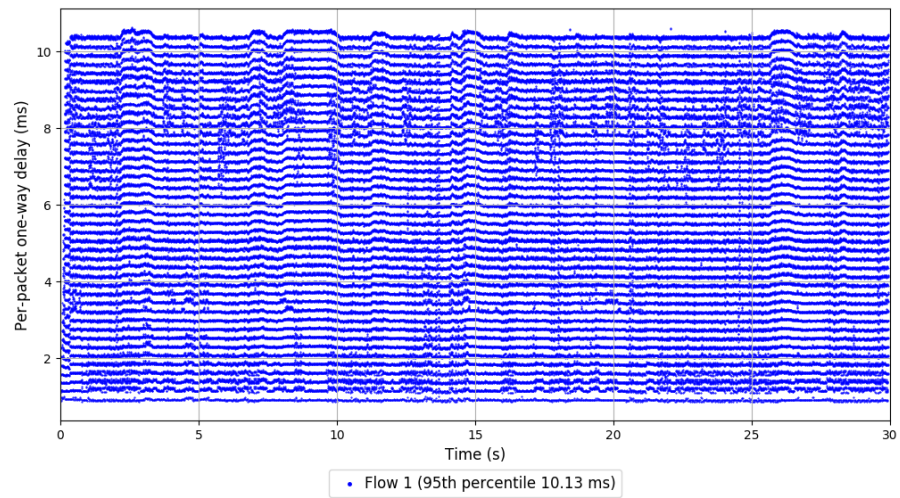
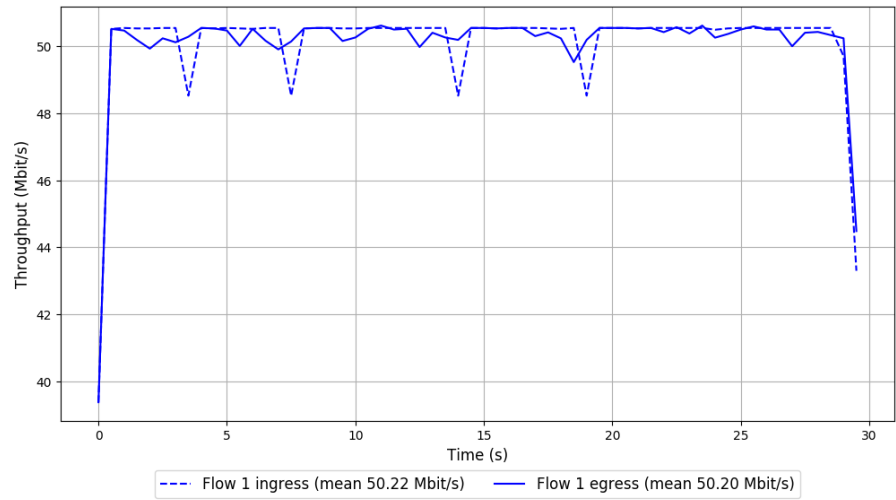


Run 4: Statistics of Sprout

Start at: 2018-04-10 13:33:24
End at: 2018-04-10 13:33:54
Local clock offset: -6.38 ms
Remote clock offset: -4.832 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.20 Mbit/s
95th percentile per-packet one-way delay: 10.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.20 Mbit/s
95th percentile per-packet one-way delay: 10.130 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

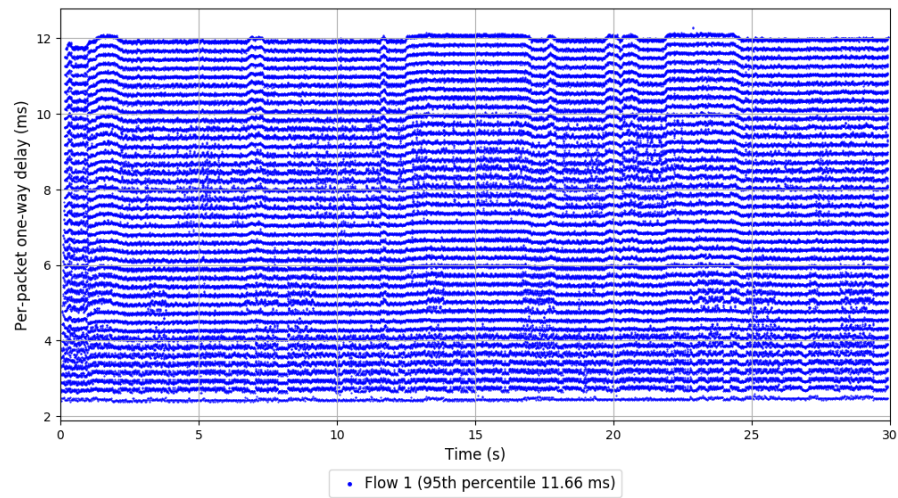
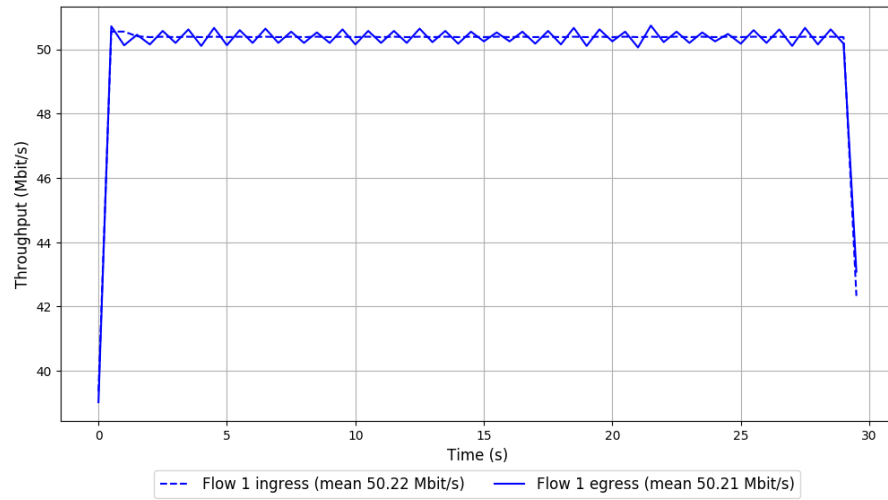


Run 5: Statistics of Sprout

Start at: 2018-04-10 13:53:39
End at: 2018-04-10 13:54:09
Local clock offset: -7.162 ms
Remote clock offset: -6.391 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 11.663 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 11.663 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-04-10 14:13:56

End at: 2018-04-10 14:14:26

Local clock offset: -7.732 ms

Remote clock offset: -8.03 ms

Below is generated by plot.py at 2018-04-10 16:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.34 Mbit/s

95th percentile per-packet one-way delay: 11.044 ms

Loss rate: 0.00%

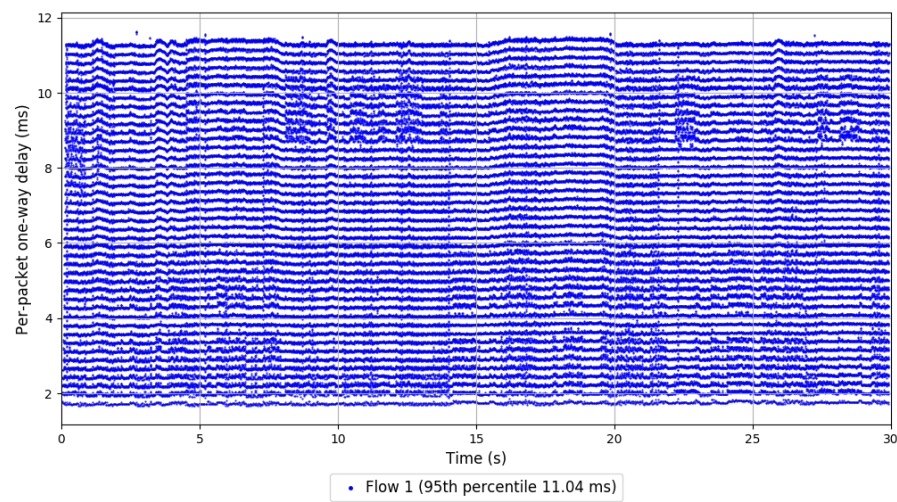
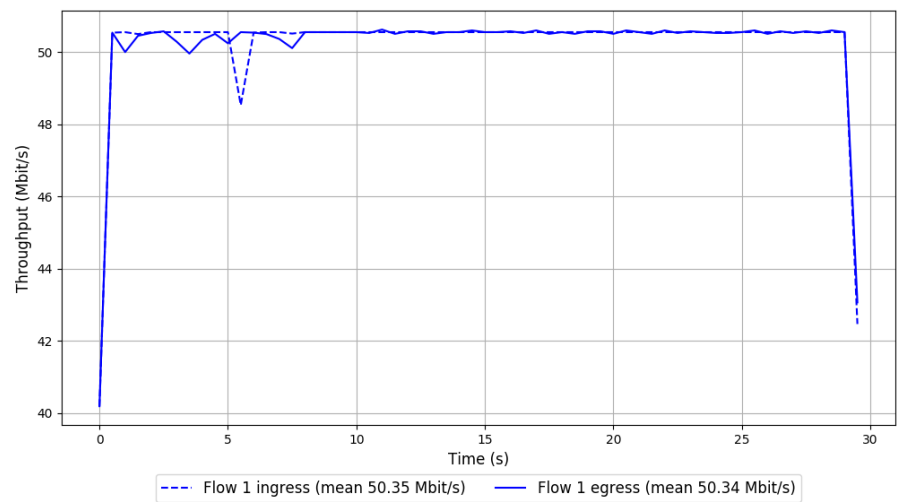
-- Flow 1:

Average throughput: 50.34 Mbit/s

95th percentile per-packet one-way delay: 11.044 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

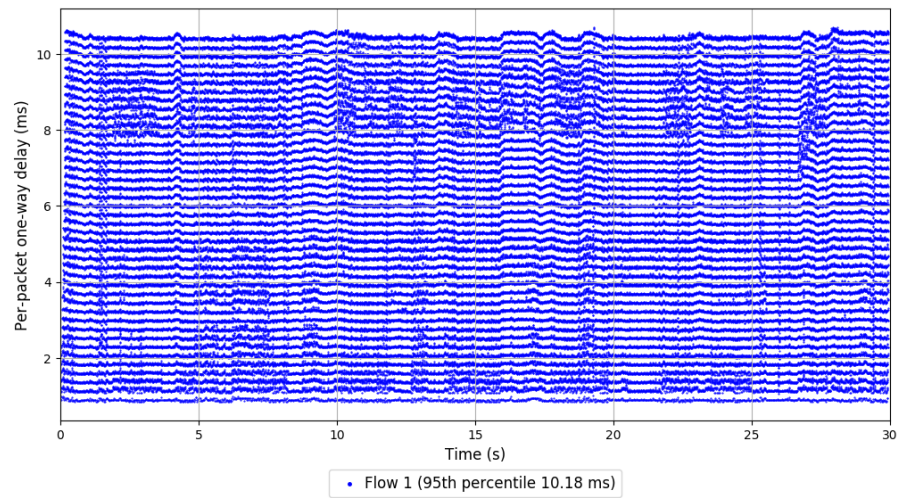
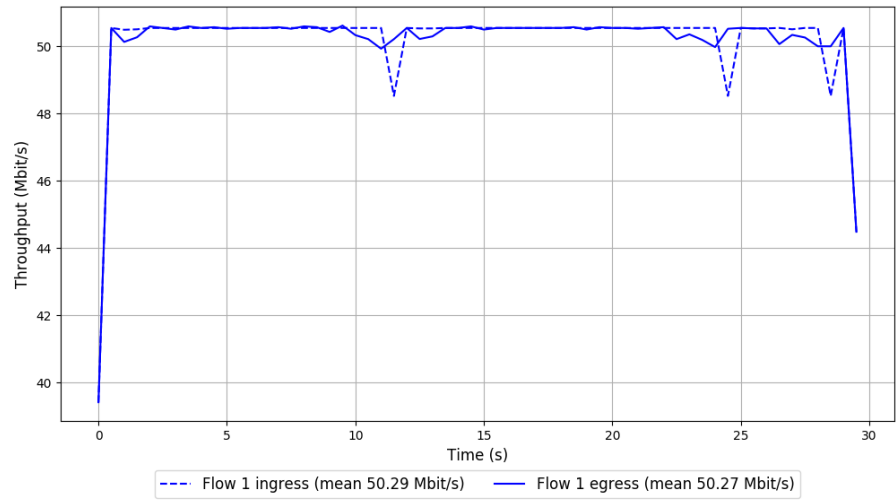


Run 7: Statistics of Sprout

Start at: 2018-04-10 14:34:13
End at: 2018-04-10 14:34:44
Local clock offset: -6.226 ms
Remote clock offset: -7.471 ms

Below is generated by plot.py at 2018-04-10 16:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 10.177 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 10.177 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

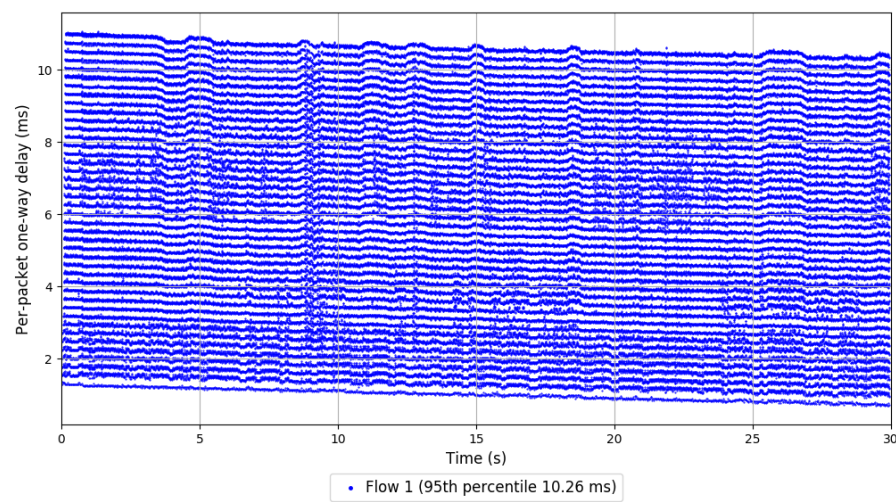
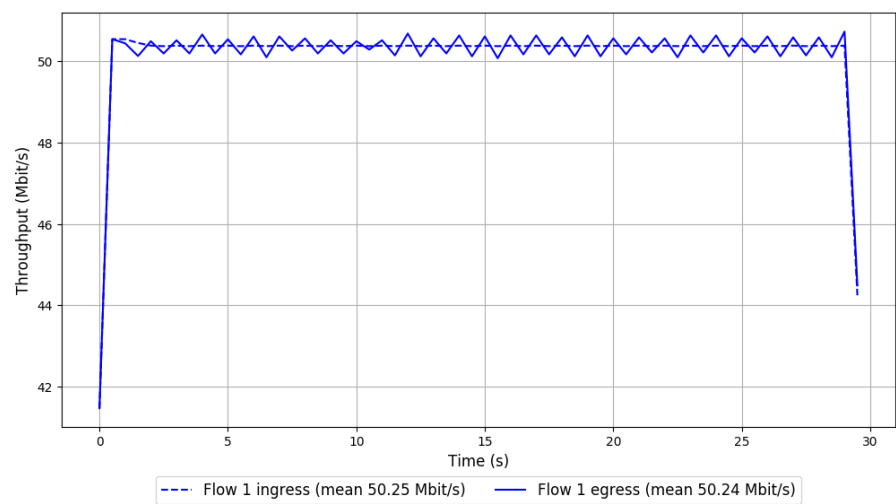


Run 8: Statistics of Sprout

Start at: 2018-04-10 14:54:30
End at: 2018-04-10 14:55:00
Local clock offset: -5.347 ms
Remote clock offset: -6.592 ms

Below is generated by plot.py at 2018-04-10 16:28:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 10.257 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 10.257 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-04-10 15:14:46

End at: 2018-04-10 15:15:16

Local clock offset: -6.349 ms

Remote clock offset: 4.398 ms

Below is generated by plot.py at 2018-04-10 16:28:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.29 Mbit/s

95th percentile per-packet one-way delay: 10.355 ms

Loss rate: 0.00%

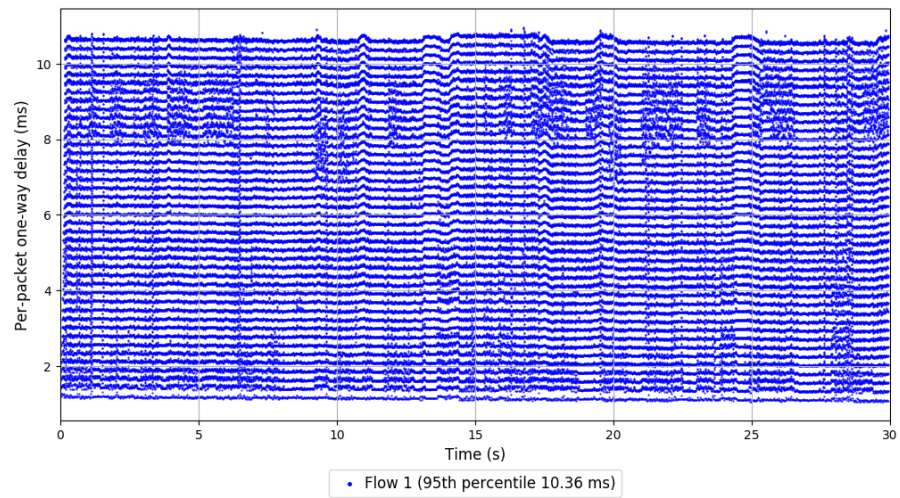
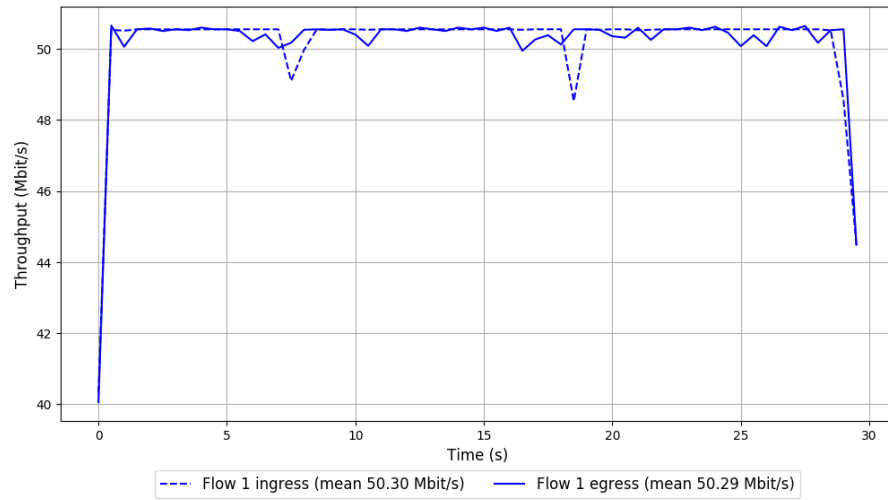
-- Flow 1:

Average throughput: 50.29 Mbit/s

95th percentile per-packet one-way delay: 10.355 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-04-10 15:35:17

End at: 2018-04-10 15:35:47

Local clock offset: -6.494 ms

Remote clock offset: 8.737 ms

Below is generated by plot.py at 2018-04-10 16:28:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.33 Mbit/s

95th percentile per-packet one-way delay: 11.350 ms

Loss rate: 0.00%

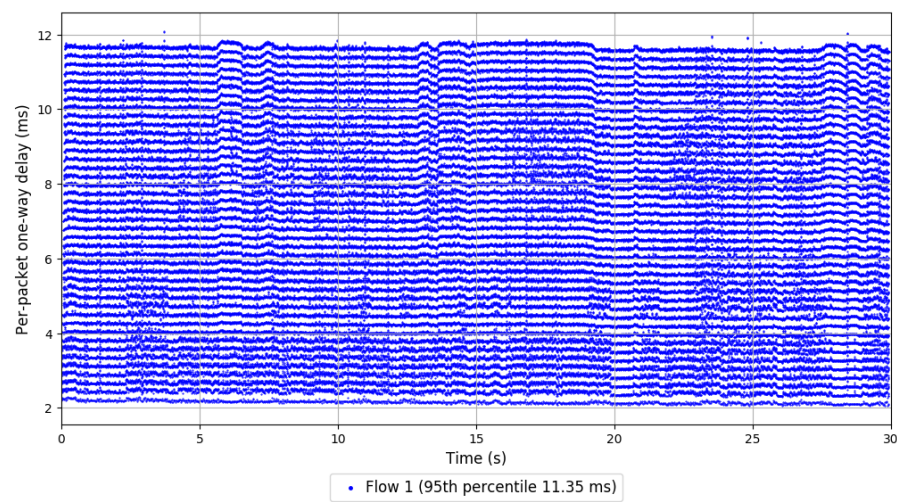
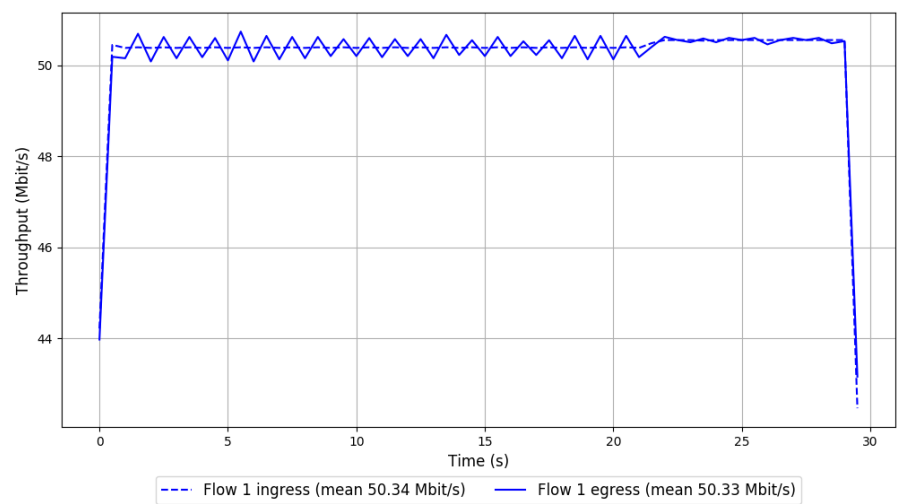
-- Flow 1:

Average throughput: 50.33 Mbit/s

95th percentile per-packet one-way delay: 11.350 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-04-10 12:41:28

End at: 2018-04-10 12:41:58

Local clock offset: -8.534 ms

Remote clock offset: -7.729 ms

Below is generated by plot.py at 2018-04-10 16:29:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.79 Mbit/s

95th percentile per-packet one-way delay: 3.395 ms

Loss rate: 2.18%

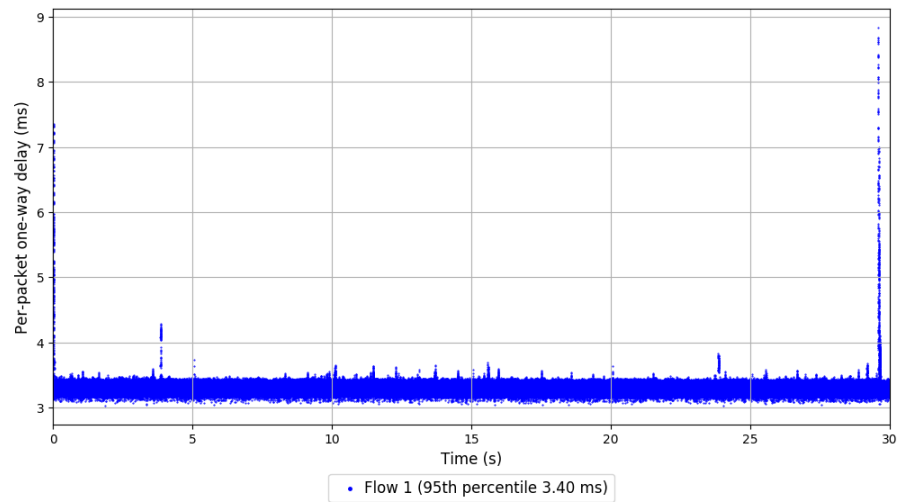
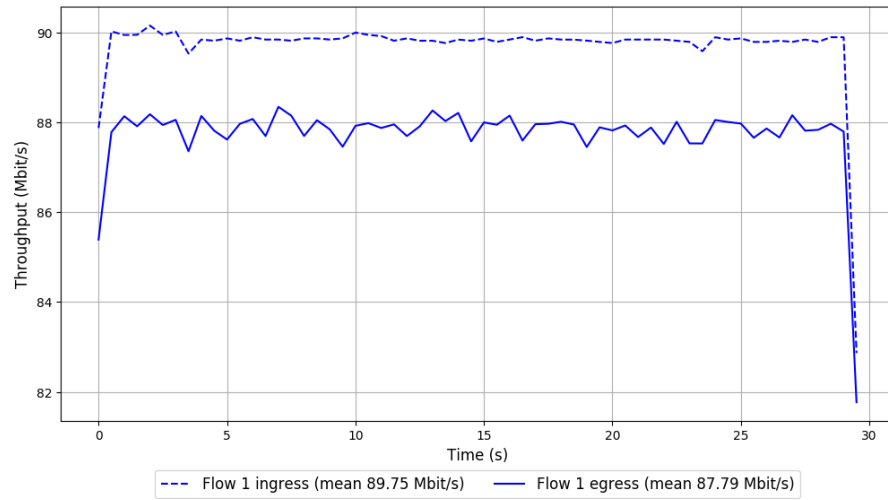
-- Flow 1:

Average throughput: 87.79 Mbit/s

95th percentile per-packet one-way delay: 3.395 ms

Loss rate: 2.18%

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

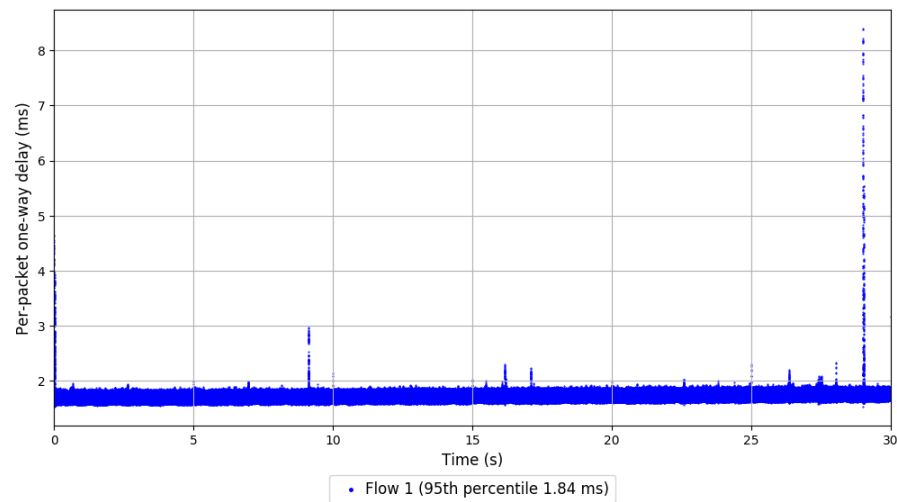
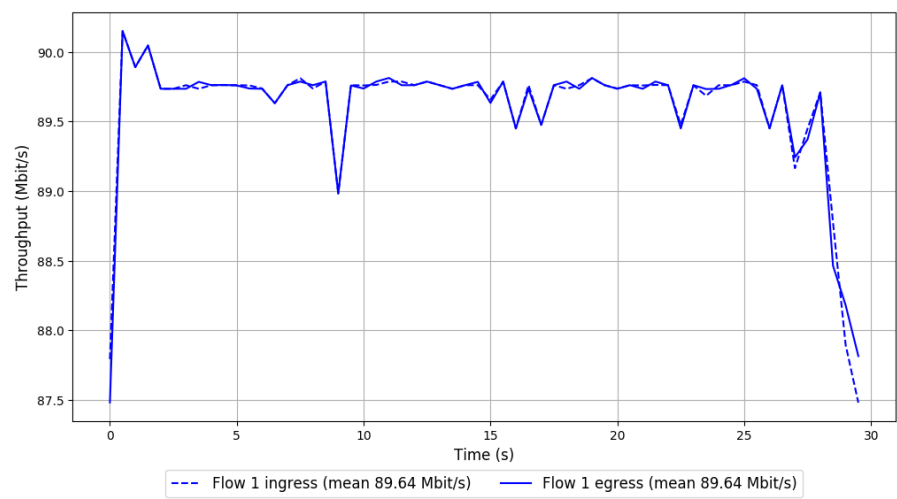


Run 2: Statistics of TaoVA-100x

Start at: 2018-04-10 13:01:47
End at: 2018-04-10 13:02:17
Local clock offset: -8.475 ms
Remote clock offset: -7.604 ms

Below is generated by plot.py at 2018-04-10 16:29:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 1.836 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 1.836 ms
Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-04-10 13:22:03

End at: 2018-04-10 13:22:33

Local clock offset: -6.561 ms

Remote clock offset: -5.585 ms

Below is generated by plot.py at 2018-04-10 16:29:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.01 Mbit/s

95th percentile per-packet one-way delay: 1.034 ms

Loss rate: 0.00%

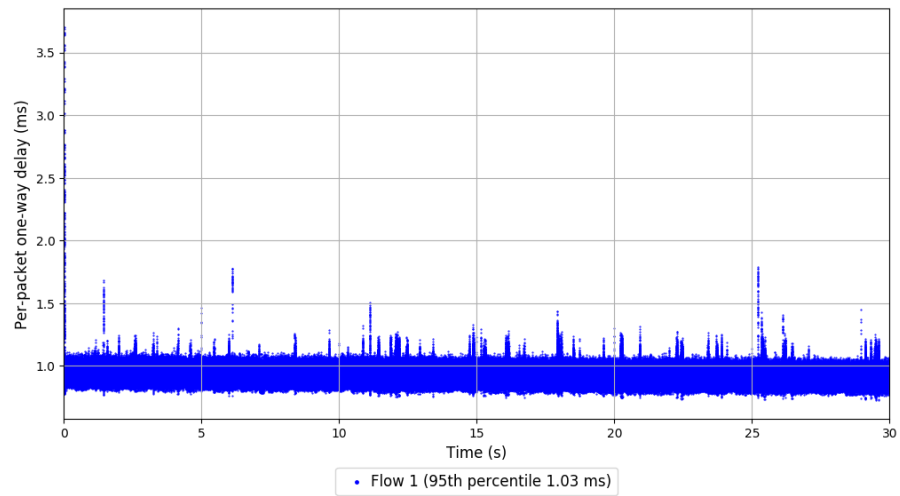
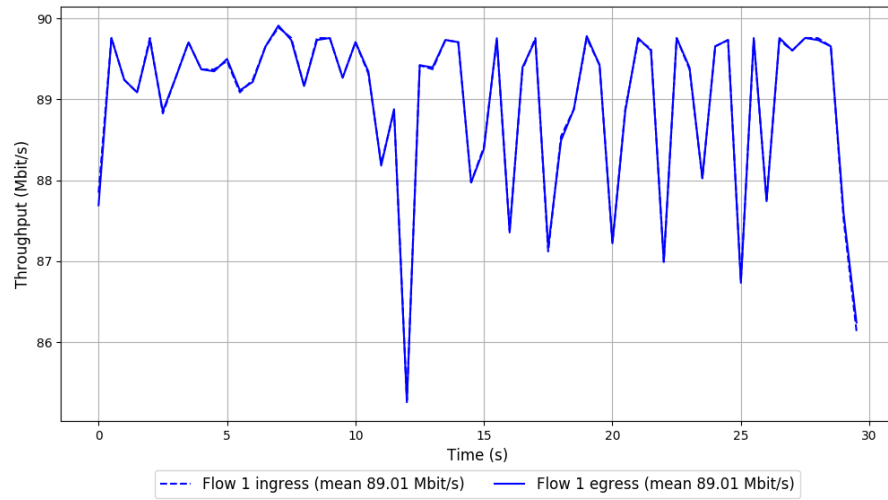
-- Flow 1:

Average throughput: 89.01 Mbit/s

95th percentile per-packet one-way delay: 1.034 ms

Loss rate: 0.00%

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

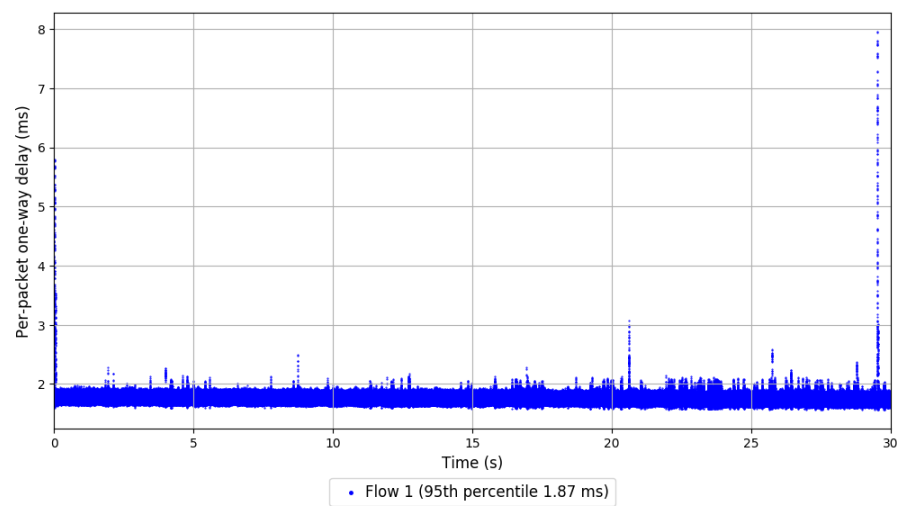
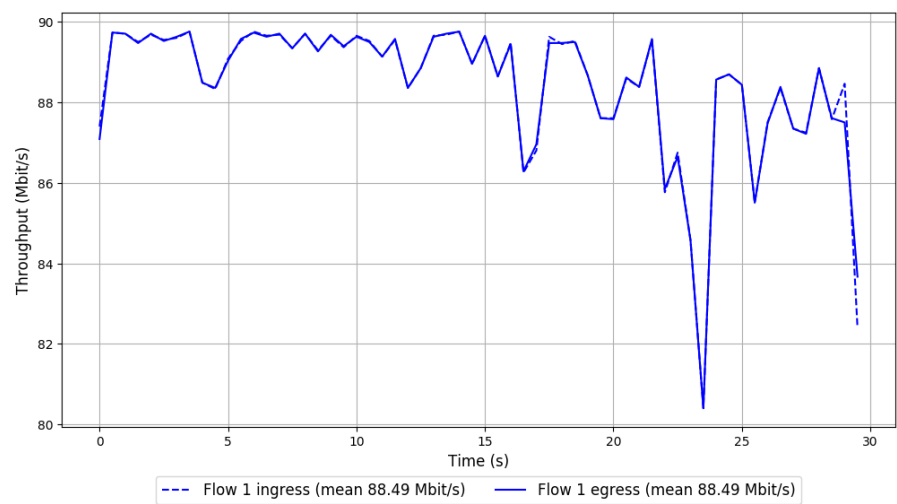


Run 4: Statistics of TaoVA-100x

Start at: 2018-04-10 13:42:20
End at: 2018-04-10 13:42:50
Local clock offset: -7.587 ms
Remote clock offset: -4.512 ms

Below is generated by plot.py at 2018-04-10 16:30:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 1.871 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 1.871 ms
Loss rate: 0.00%

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

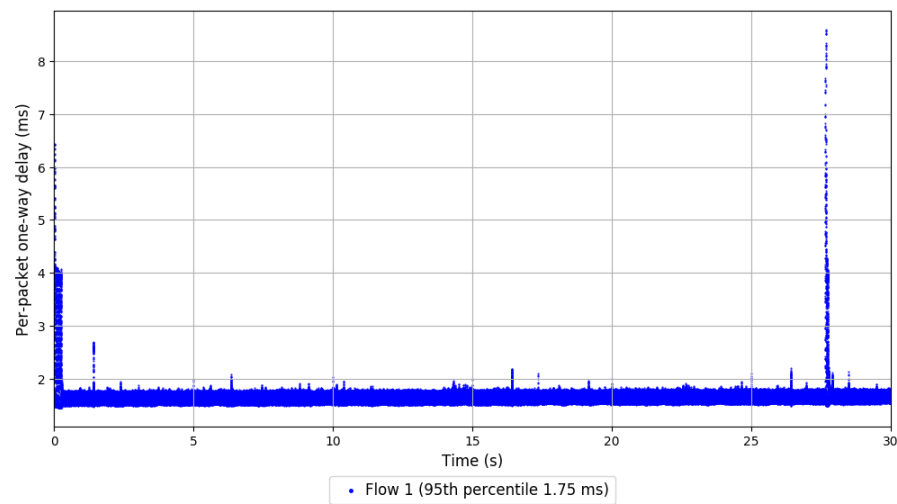
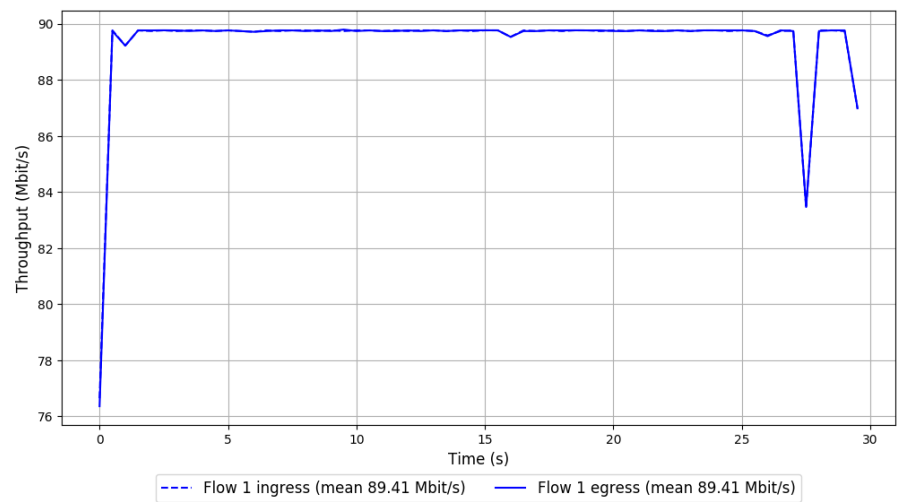


Run 5: Statistics of TaoVA-100x

Start at: 2018-04-10 14:02:35
End at: 2018-04-10 14:03:06
Local clock offset: -6.414 ms
Remote clock offset: -7.464 ms

Below is generated by plot.py at 2018-04-10 16:30:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 1.750 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 1.750 ms
Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-04-10 14:22:52

End at: 2018-04-10 14:23:22

Local clock offset: -5.734 ms

Remote clock offset: -7.951 ms

Below is generated by plot.py at 2018-04-10 16:30:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.57 Mbit/s

95th percentile per-packet one-way delay: 1.785 ms

Loss rate: 0.01%

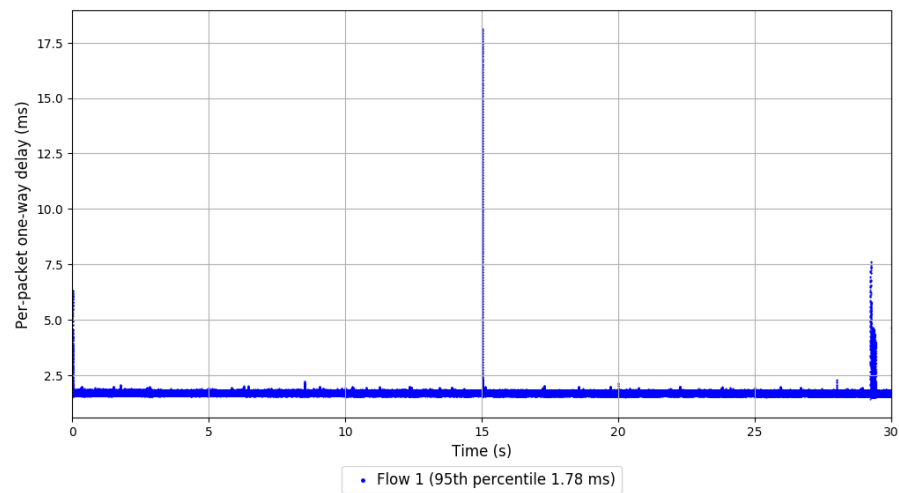
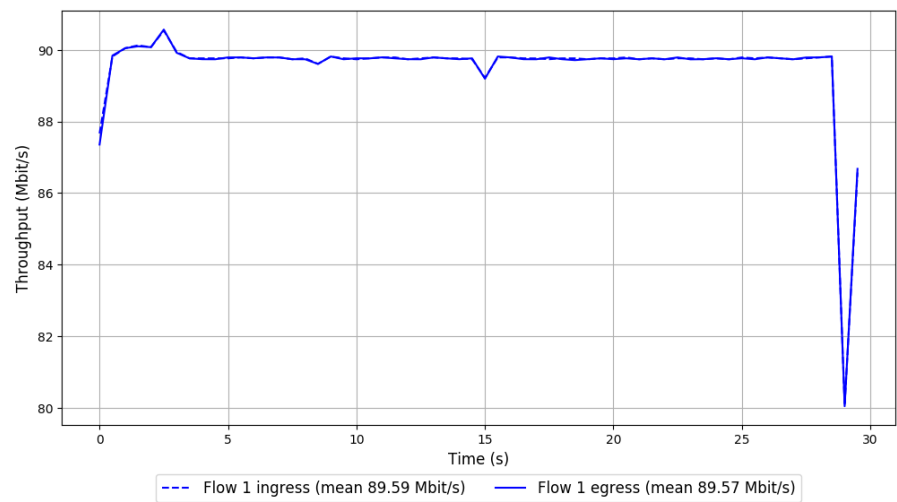
-- Flow 1:

Average throughput: 89.57 Mbit/s

95th percentile per-packet one-way delay: 1.785 ms

Loss rate: 0.01%

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

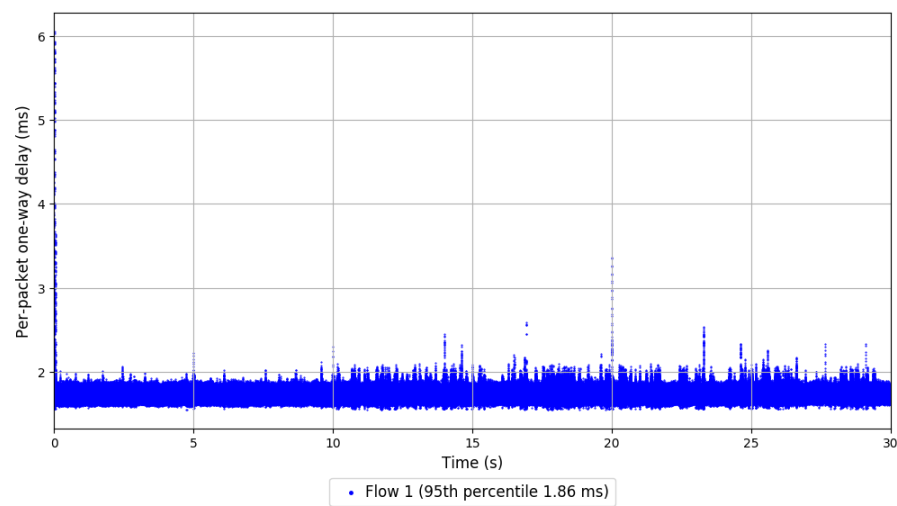
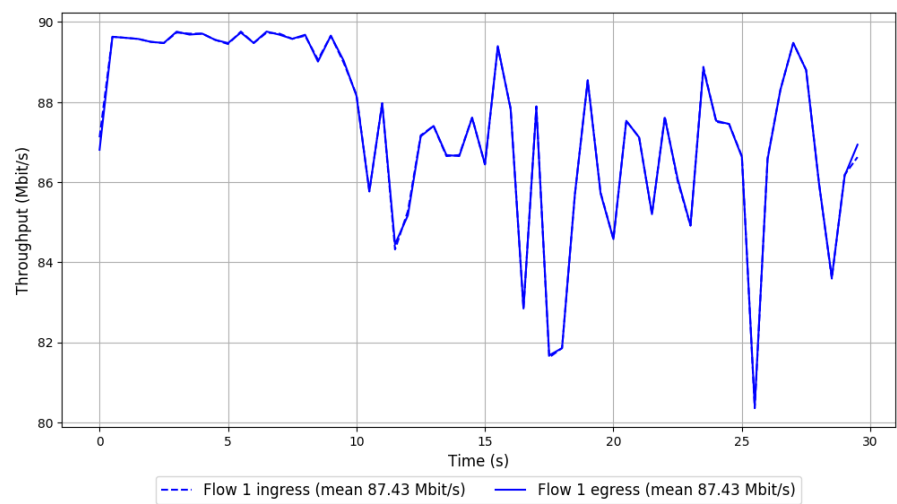


Run 7: Statistics of TaoVA-100x

Start at: 2018-04-10 14:43:10
End at: 2018-04-10 14:43:40
Local clock offset: -6.853 ms
Remote clock offset: -7.432 ms

Below is generated by plot.py at 2018-04-10 16:30:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 1.856 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 1.856 ms
Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-04-10 15:03:26

End at: 2018-04-10 15:03:56

Local clock offset: -6.027 ms

Remote clock offset: 0.484 ms

Below is generated by plot.py at 2018-04-10 16:30:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.80 Mbit/s

95th percentile per-packet one-way delay: 2.329 ms

Loss rate: 0.00%

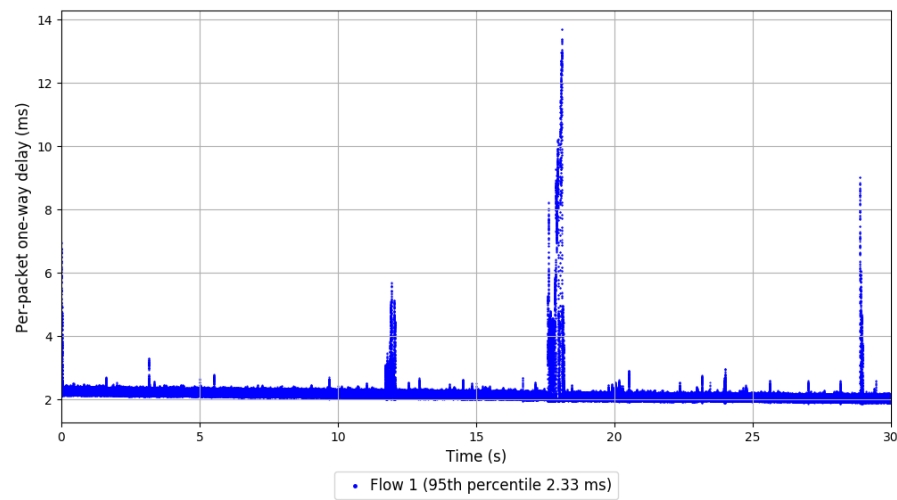
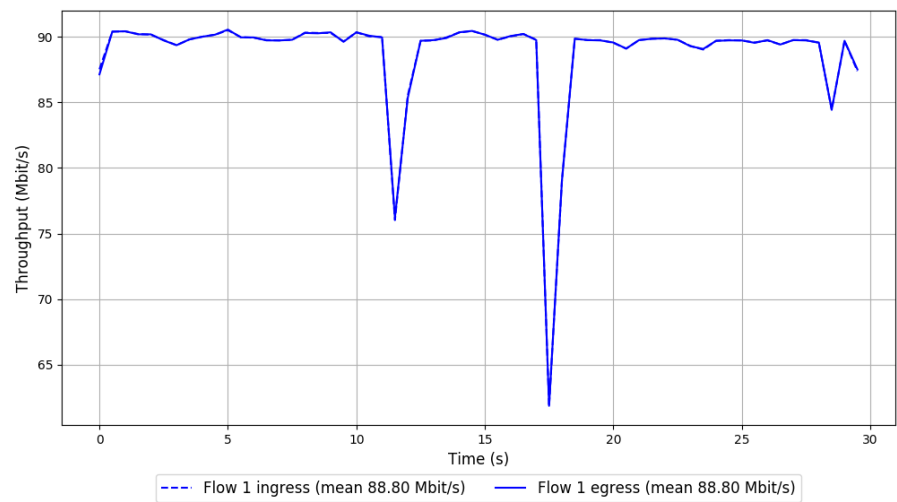
-- Flow 1:

Average throughput: 88.80 Mbit/s

95th percentile per-packet one-way delay: 2.329 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-04-10 15:23:57

End at: 2018-04-10 15:24:27

Local clock offset: -6.982 ms

Remote clock offset: 6.147 ms

Below is generated by plot.py at 2018-04-10 16:32:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.62 Mbit/s

95th percentile per-packet one-way delay: 3.174 ms

Loss rate: 0.00%

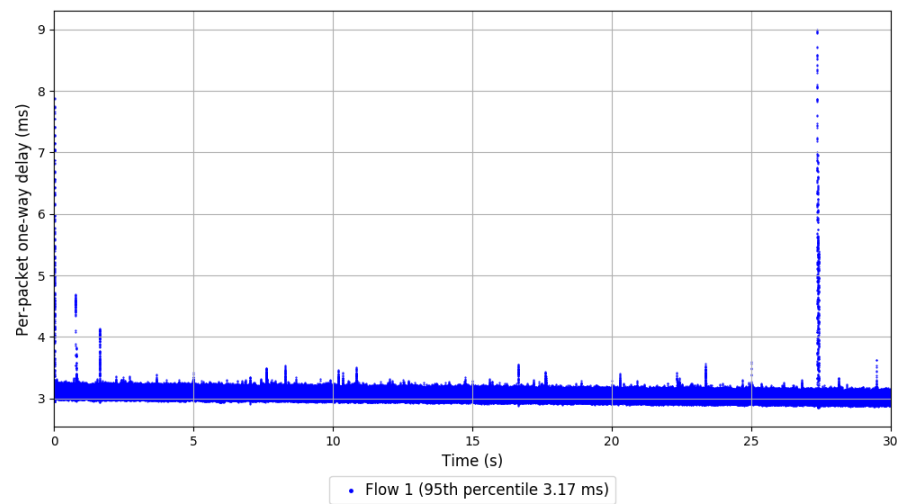
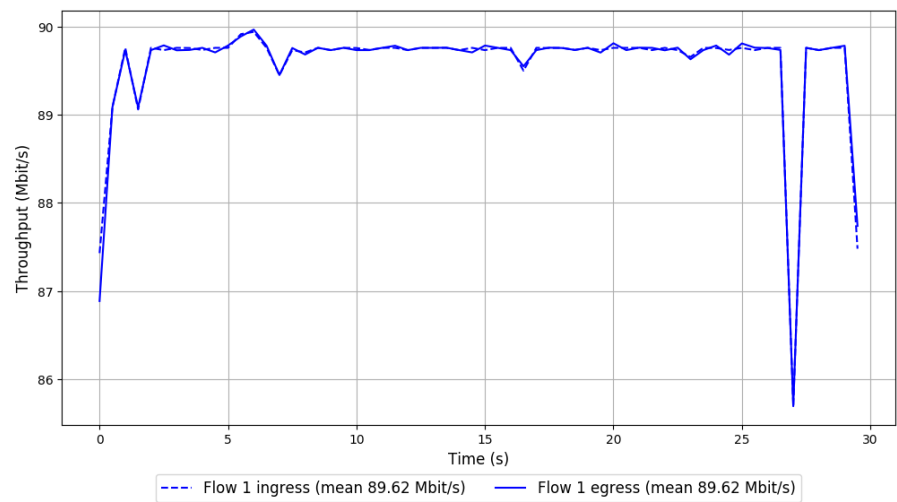
-- Flow 1:

Average throughput: 89.62 Mbit/s

95th percentile per-packet one-way delay: 3.174 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-04-10 15:44:12

End at: 2018-04-10 15:44:42

Local clock offset: -6.612 ms

Remote clock offset: 10.514 ms

Below is generated by plot.py at 2018-04-10 16:32:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.67 Mbit/s

95th percentile per-packet one-way delay: 1.133 ms

Loss rate: 0.00%

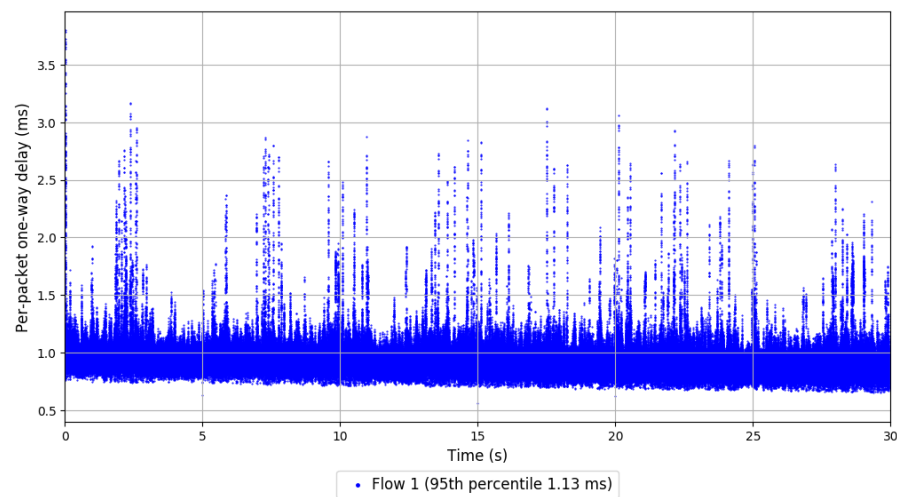
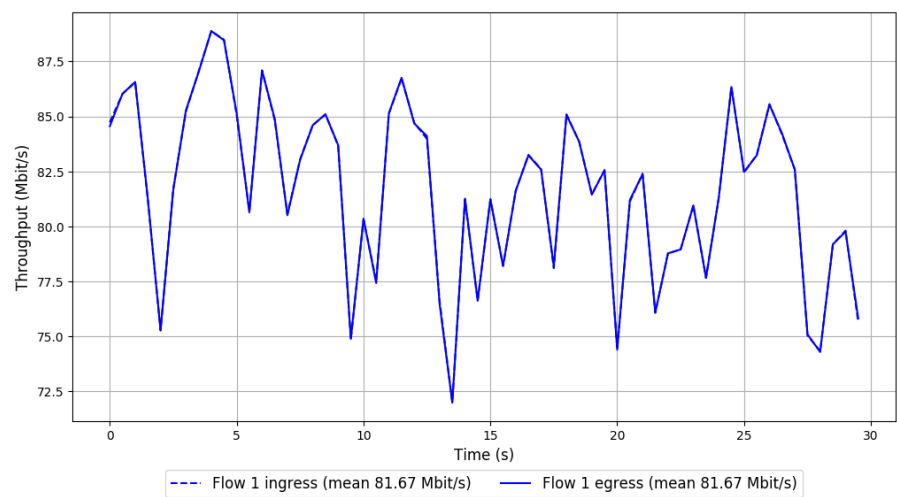
-- Flow 1:

Average throughput: 81.67 Mbit/s

95th percentile per-packet one-way delay: 1.133 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-04-10 12:39:15

End at: 2018-04-10 12:39:45

Local clock offset: -6.941 ms

Remote clock offset: -7.81 ms

Below is generated by plot.py at 2018-04-10 16:32:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.65 Mbit/s

95th percentile per-packet one-way delay: 2.886 ms

Loss rate: 0.00%

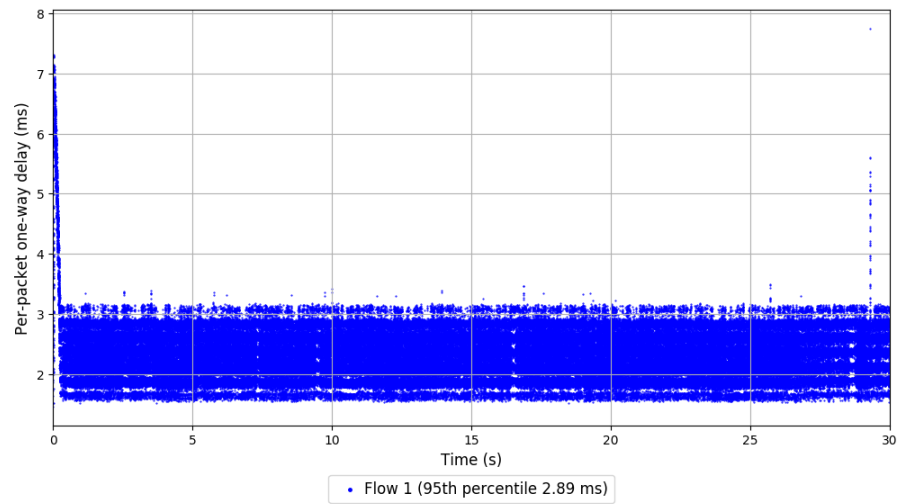
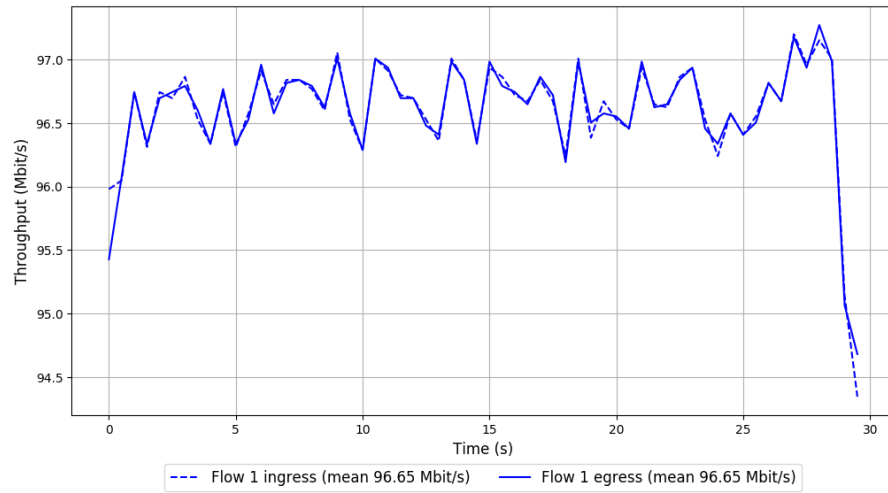
-- Flow 1:

Average throughput: 96.65 Mbit/s

95th percentile per-packet one-way delay: 2.886 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

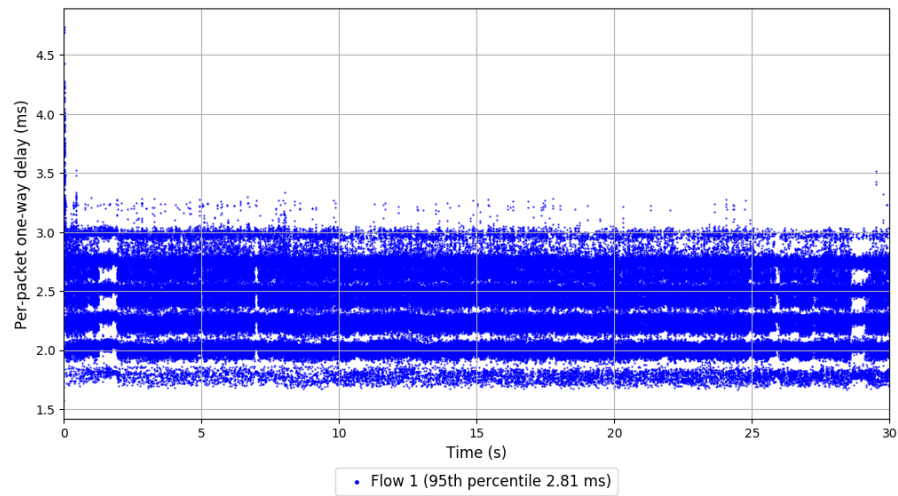
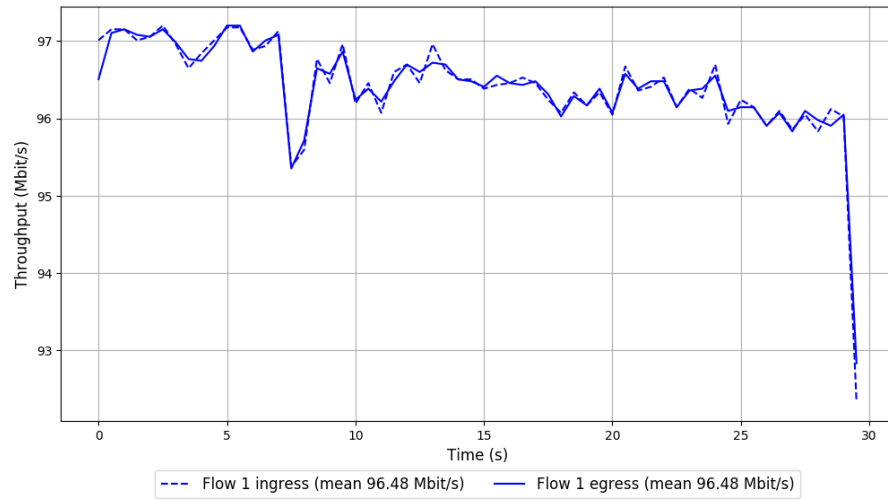


Run 2: Statistics of TCP Vegas

Start at: 2018-04-10 12:59:32
End at: 2018-04-10 13:00:02
Local clock offset: -8.508 ms
Remote clock offset: -7.535 ms

Below is generated by plot.py at 2018-04-10 16:32:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 2.805 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 2.805 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

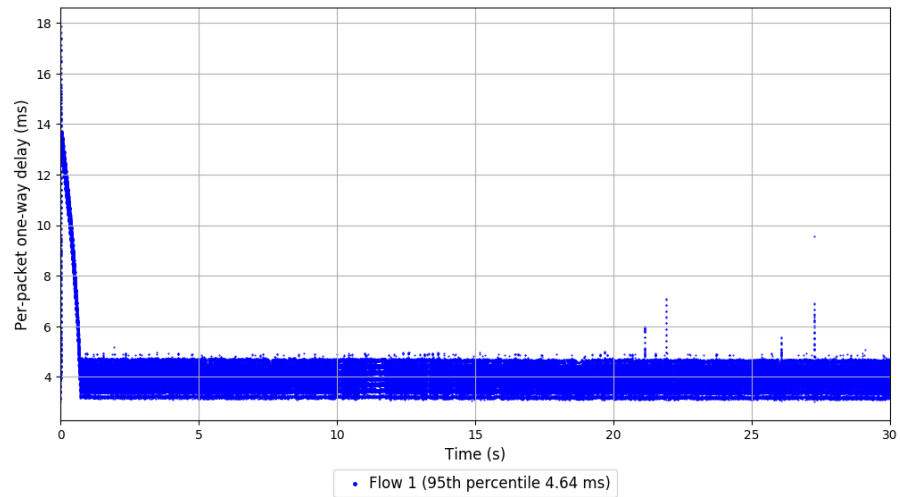
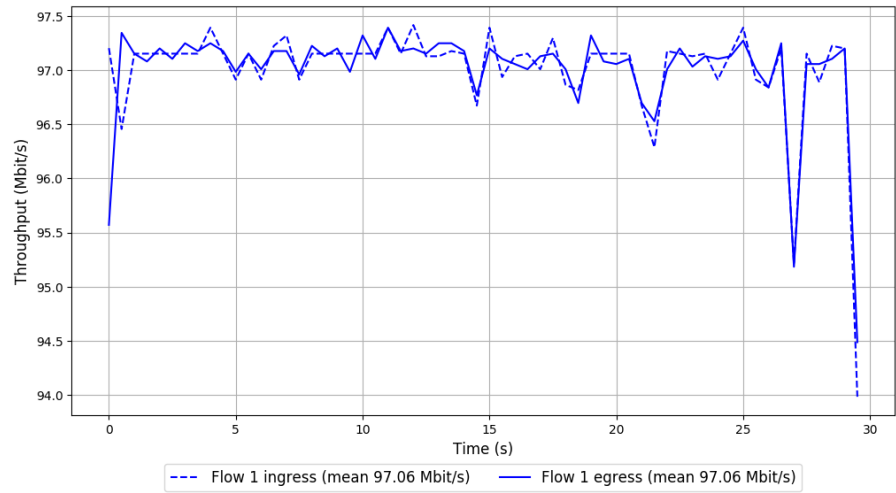


Run 3: Statistics of TCP Vegas

Start at: 2018-04-10 13:19:49
End at: 2018-04-10 13:20:20
Local clock offset: -7.429 ms
Remote clock offset: -5.835 ms

Below is generated by plot.py at 2018-04-10 16:32:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 4.639 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 4.639 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

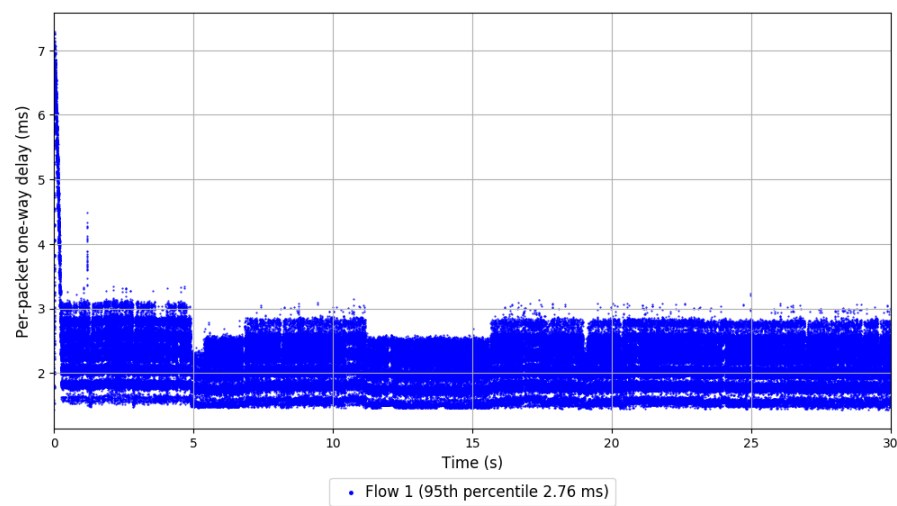
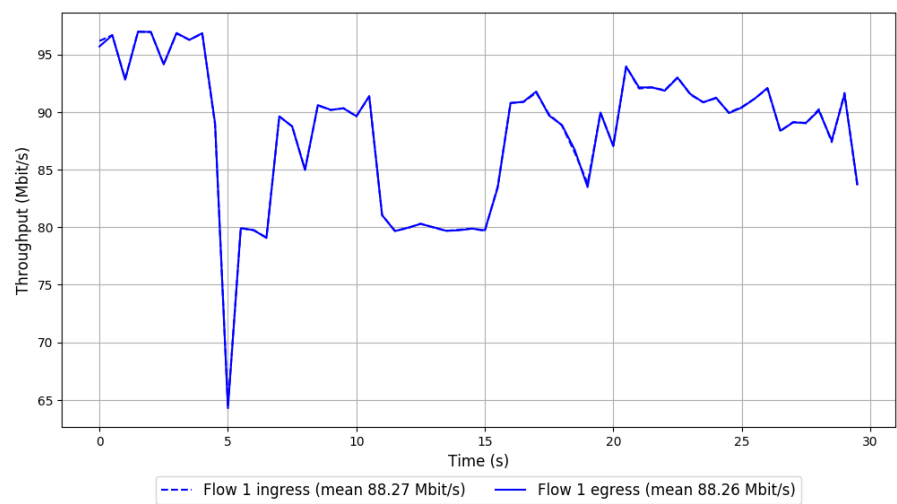


Run 4: Statistics of TCP Vegas

Start at: 2018-04-10 13:40:05
End at: 2018-04-10 13:40:35
Local clock offset: -5.874 ms
Remote clock offset: -4.604 ms

Below is generated by plot.py at 2018-04-10 16:32:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.26 Mbit/s
95th percentile per-packet one-way delay: 2.761 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.26 Mbit/s
95th percentile per-packet one-way delay: 2.761 ms
Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link

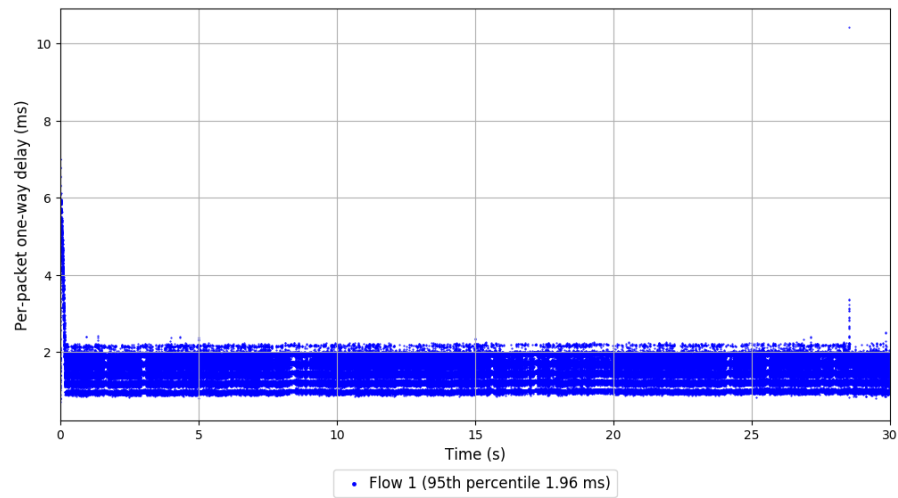
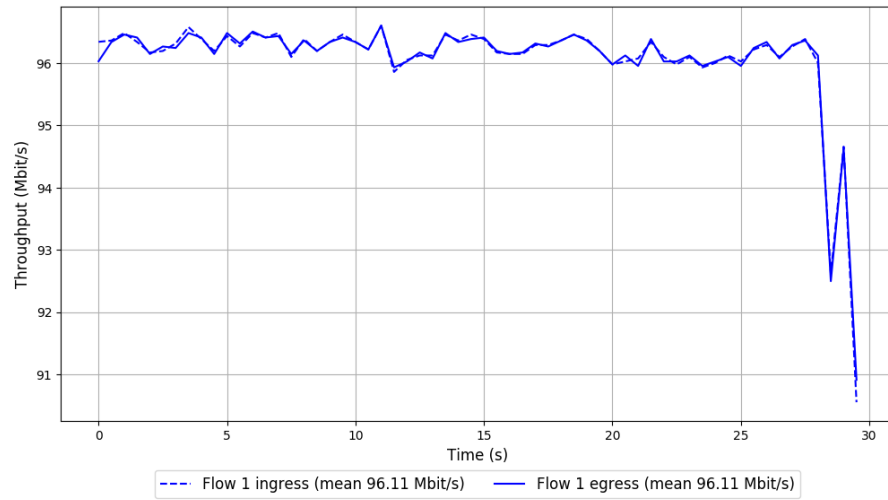


Run 5: Statistics of TCP Vegas

Start at: 2018-04-10 14:00:21
End at: 2018-04-10 14:00:51
Local clock offset: -7.162 ms
Remote clock offset: -7.225 ms

Below is generated by plot.py at 2018-04-10 16:32:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 1.960 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 1.960 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

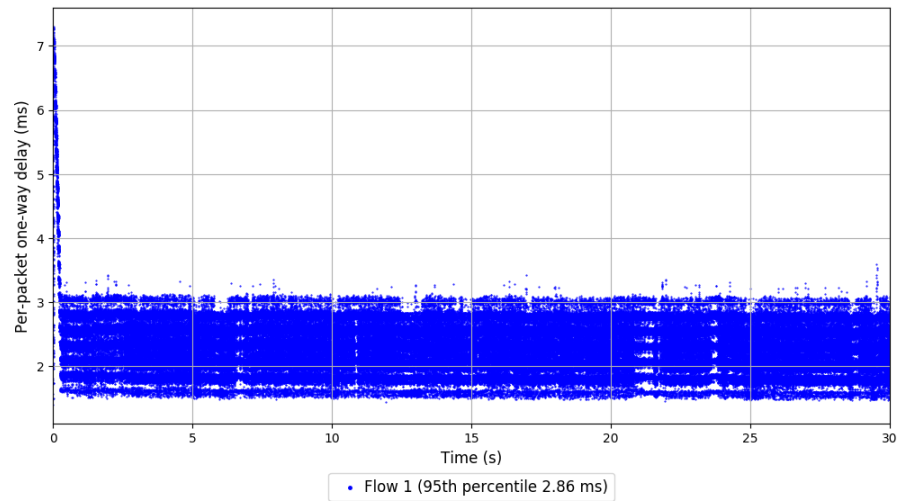
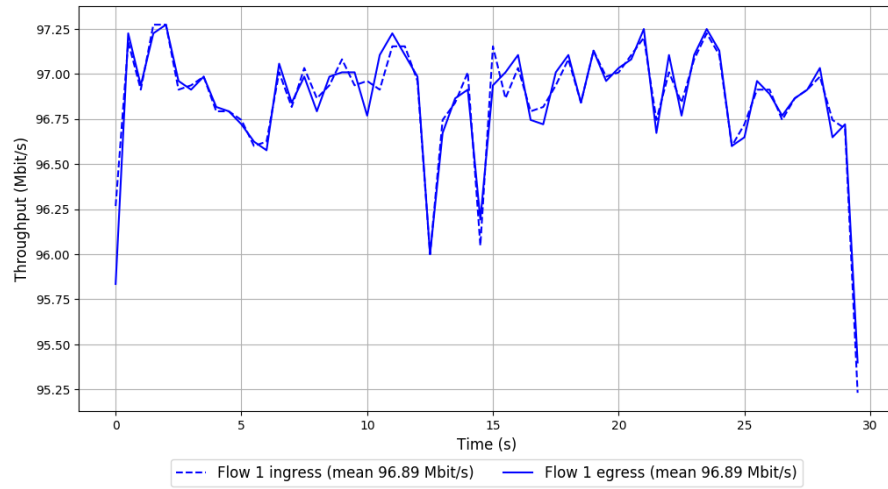


Run 6: Statistics of TCP Vegas

Start at: 2018-04-10 14:20:38
End at: 2018-04-10 14:21:08
Local clock offset: -5.831 ms
Remote clock offset: -8.249 ms

Below is generated by plot.py at 2018-04-10 16:32:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 2.860 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 2.860 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

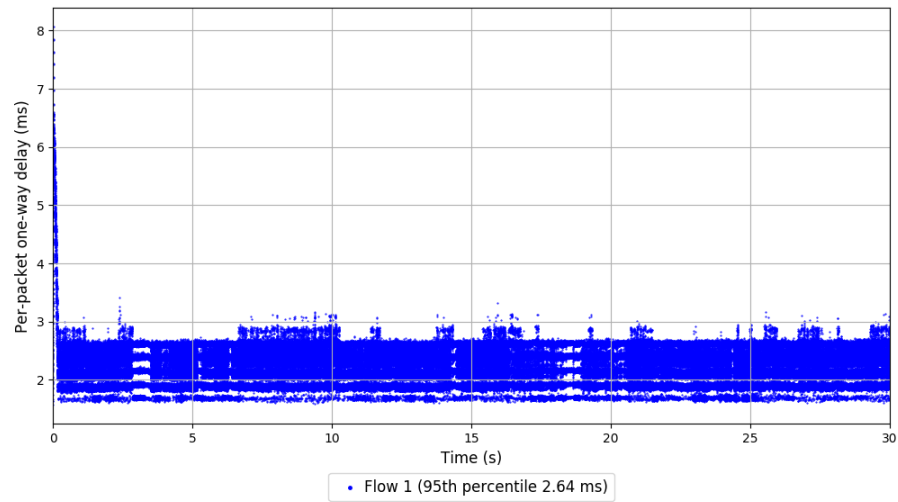
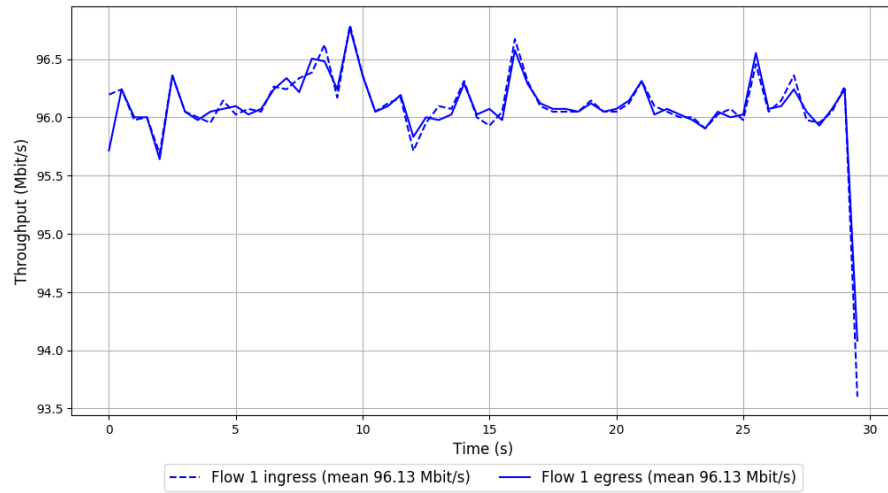


Run 7: Statistics of TCP Vegas

Start at: 2018-04-10 14:40:56
End at: 2018-04-10 14:41:26
Local clock offset: -6.868 ms
Remote clock offset: -7.428 ms

Below is generated by plot.py at 2018-04-10 16:32:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 2.636 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 2.636 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

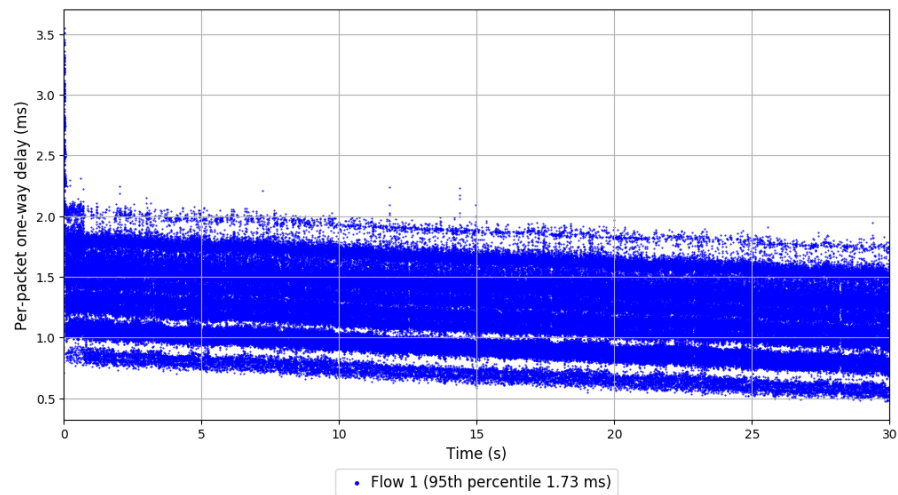
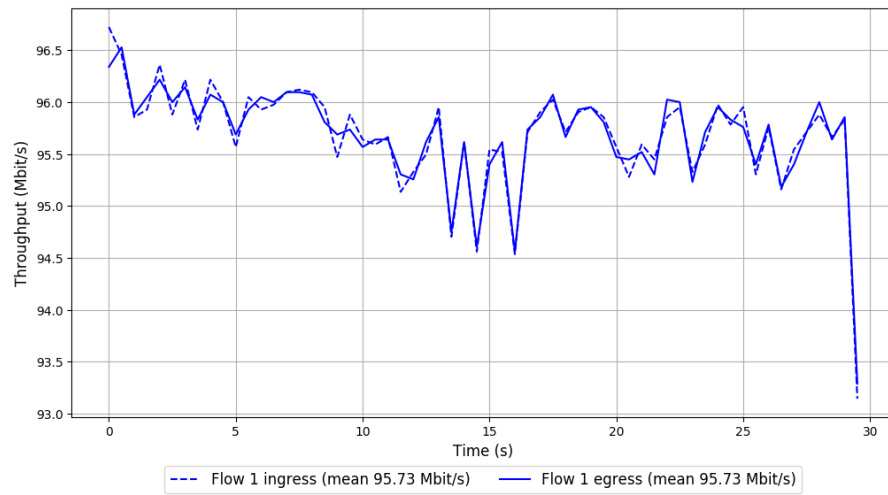


Run 8: Statistics of TCP Vegas

Start at: 2018-04-10 15:01:11
End at: 2018-04-10 15:01:41
Local clock offset: -6.153 ms
Remote clock offset: -0.736 ms

Below is generated by plot.py at 2018-04-10 16:32:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 1.726 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 1.726 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-04-10 15:21:42

End at: 2018-04-10 15:22:12

Local clock offset: -6.96 ms

Remote clock offset: 5.726 ms

Below is generated by plot.py at 2018-04-10 16:33:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 2.593 ms

Loss rate: 0.00%

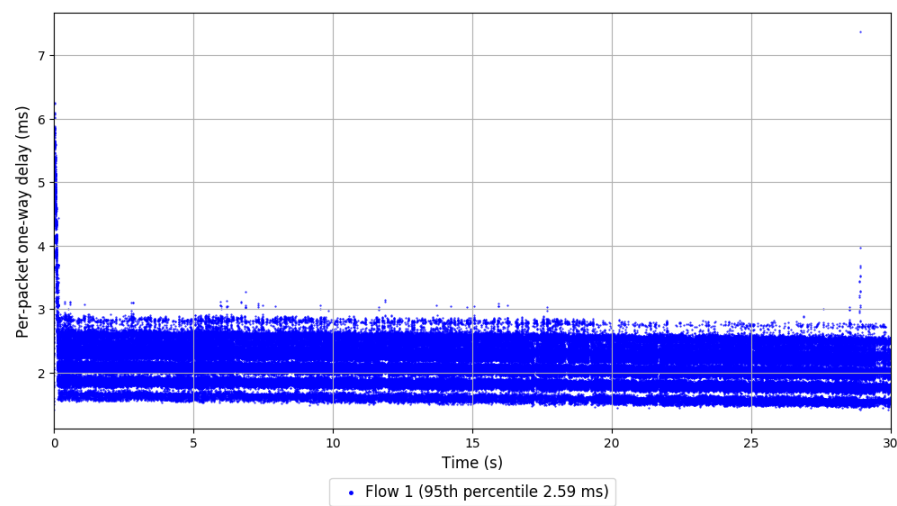
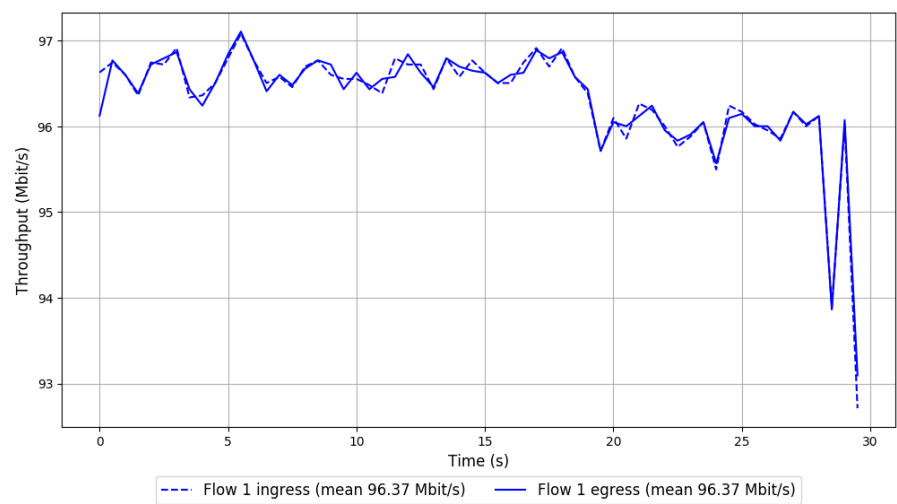
-- Flow 1:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 2.593 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

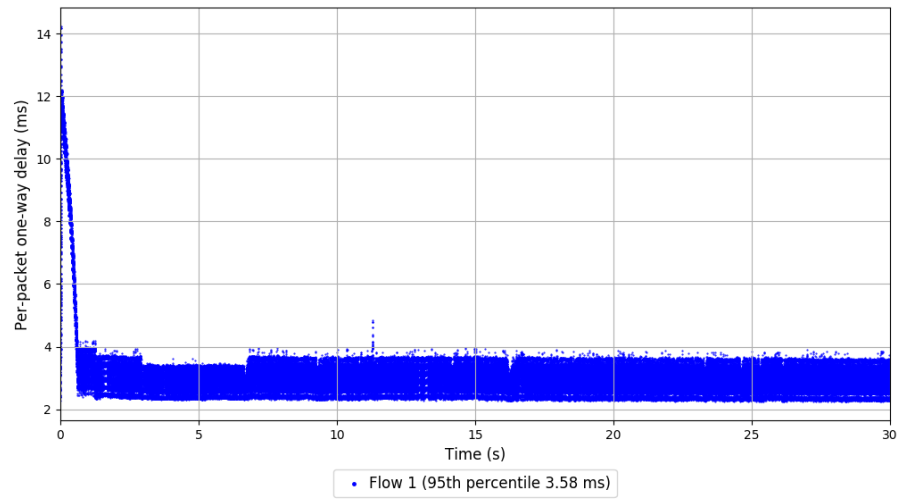
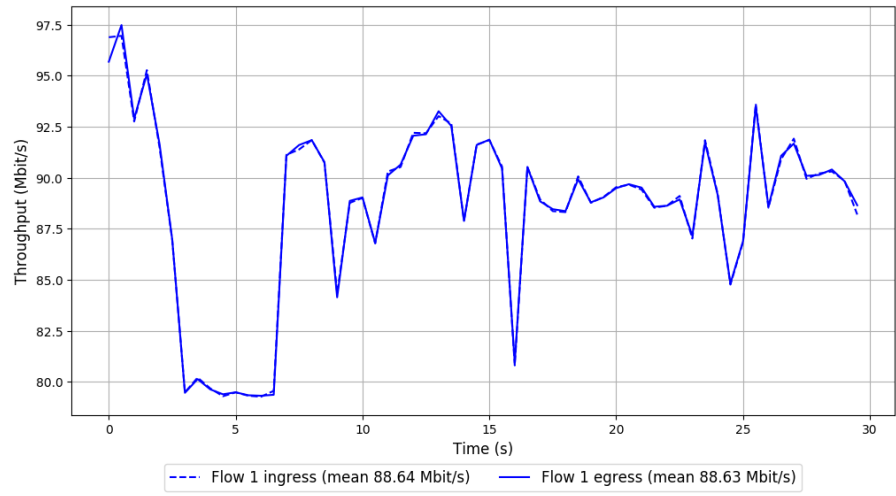


Run 10: Statistics of TCP Vegas

Start at: 2018-04-10 15:41:59
End at: 2018-04-10 15:42:29
Local clock offset: -6.674 ms
Remote clock offset: 10.128 ms

Below is generated by plot.py at 2018-04-10 16:33:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.63 Mbit/s
95th percentile per-packet one-way delay: 3.579 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.63 Mbit/s
95th percentile per-packet one-way delay: 3.579 ms
Loss rate: 0.01%

Run 10: Report of TCP Vegas — Data Link

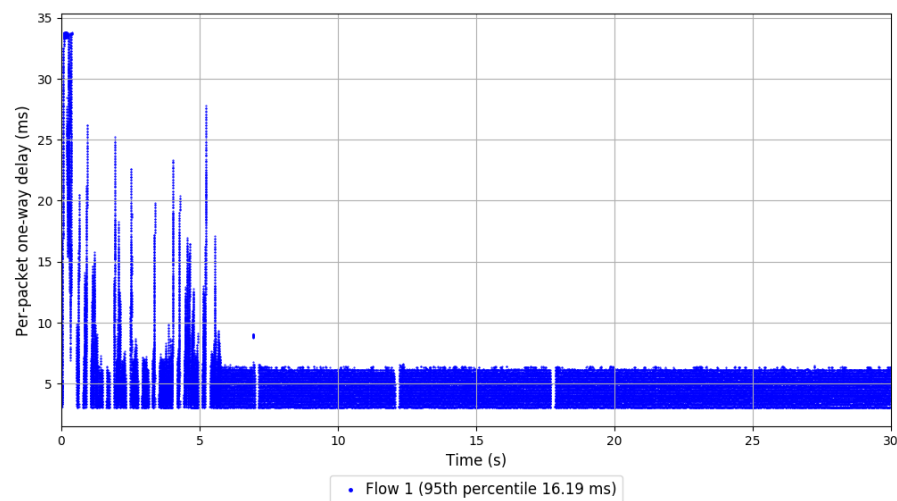
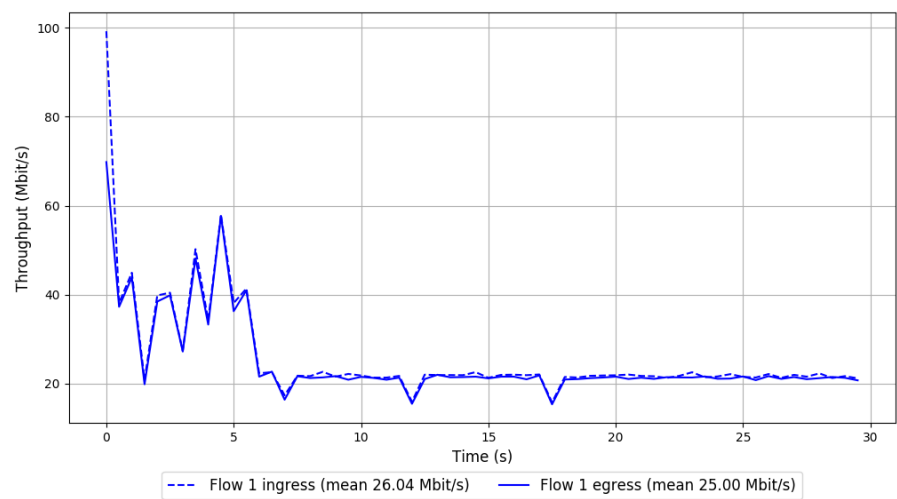


Run 1: Statistics of Verus

Start at: 2018-04-10 12:40:22
End at: 2018-04-10 12:40:52
Local clock offset: -8.456 ms
Remote clock offset: -7.792 ms

Below is generated by plot.py at 2018-04-10 16:33:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.00 Mbit/s
95th percentile per-packet one-way delay: 16.190 ms
Loss rate: 4.00%
-- Flow 1:
Average throughput: 25.00 Mbit/s
95th percentile per-packet one-way delay: 16.190 ms
Loss rate: 4.00%

Run 1: Report of Verus — Data Link

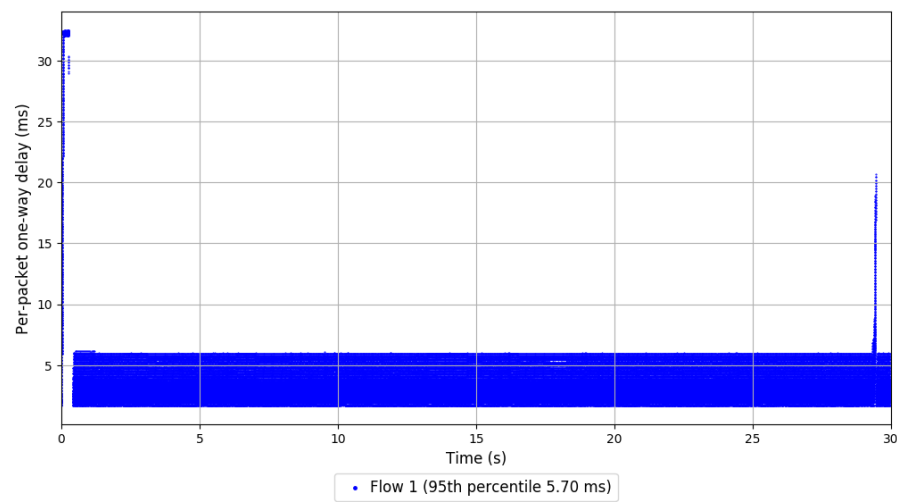
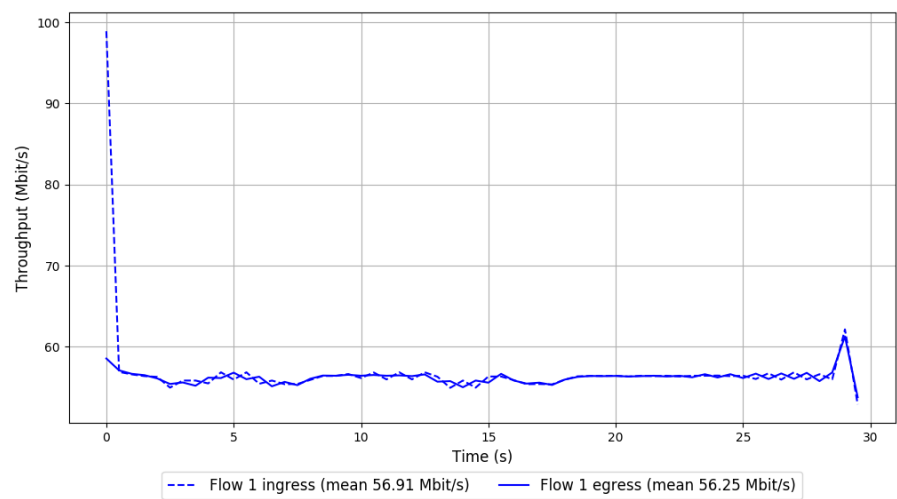


Run 2: Statistics of Verus

Start at: 2018-04-10 13:00:40
End at: 2018-04-10 13:01:10
Local clock offset: -8.56 ms
Remote clock offset: -7.538 ms

Below is generated by plot.py at 2018-04-10 16:33:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.25 Mbit/s
95th percentile per-packet one-way delay: 5.702 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 56.25 Mbit/s
95th percentile per-packet one-way delay: 5.702 ms
Loss rate: 1.17%

Run 2: Report of Verus — Data Link

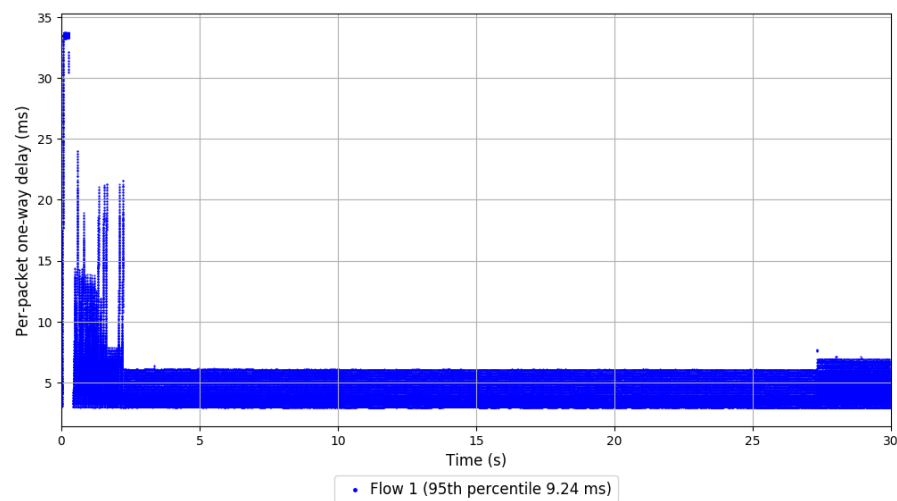
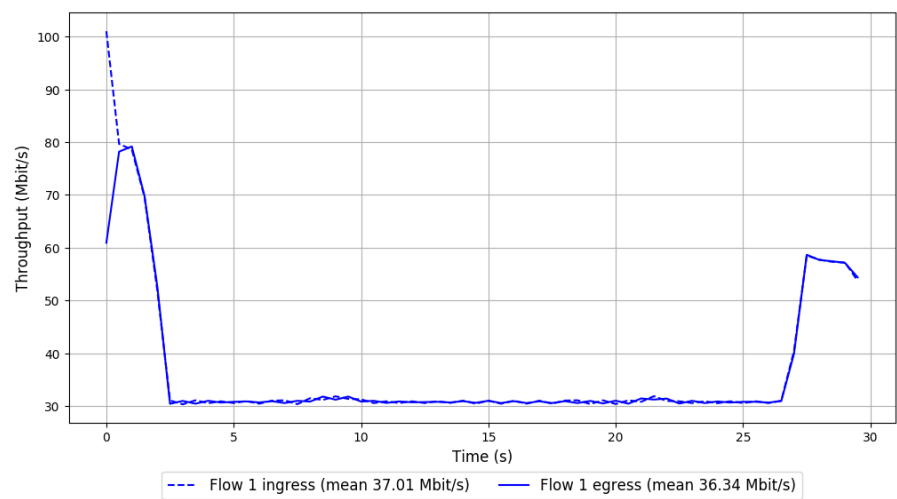


Run 3: Statistics of Verus

Start at: 2018-04-10 13:20:57
End at: 2018-04-10 13:21:27
Local clock offset: -7.326 ms
Remote clock offset: -5.745 ms

Below is generated by plot.py at 2018-04-10 16:33:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.34 Mbit/s
95th percentile per-packet one-way delay: 9.237 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 36.34 Mbit/s
95th percentile per-packet one-way delay: 9.237 ms
Loss rate: 1.80%

Run 3: Report of Verus — Data Link

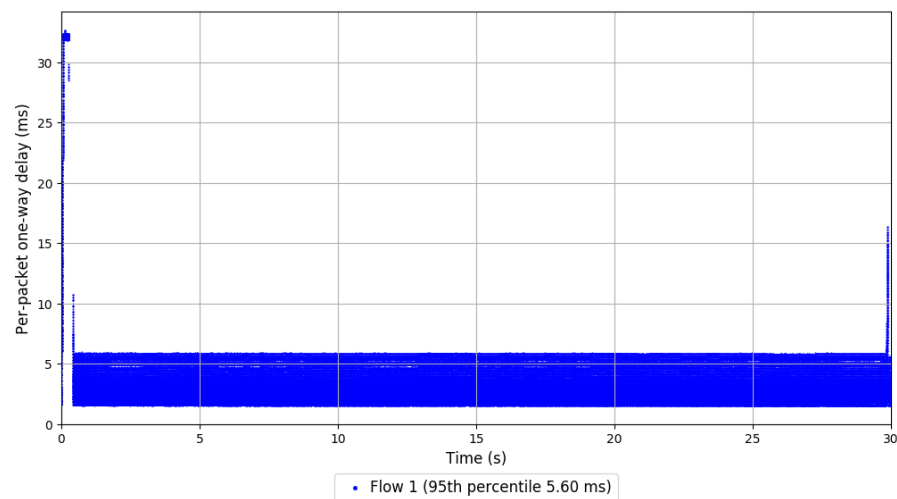
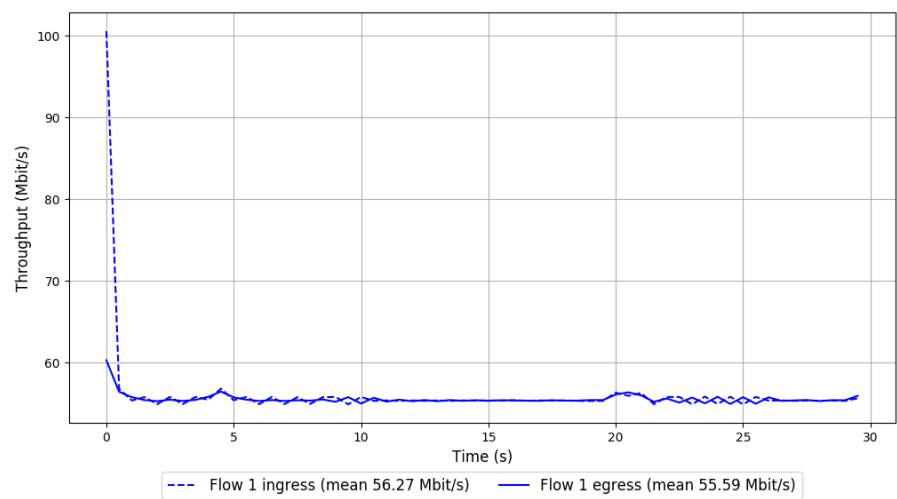


Run 4: Statistics of Verus

Start at: 2018-04-10 13:41:13
End at: 2018-04-10 13:41:43
Local clock offset: -7.512 ms
Remote clock offset: -4.556 ms

Below is generated by plot.py at 2018-04-10 16:33:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.59 Mbit/s
95th percentile per-packet one-way delay: 5.600 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 55.59 Mbit/s
95th percentile per-packet one-way delay: 5.600 ms
Loss rate: 1.19%

Run 4: Report of Verus — Data Link

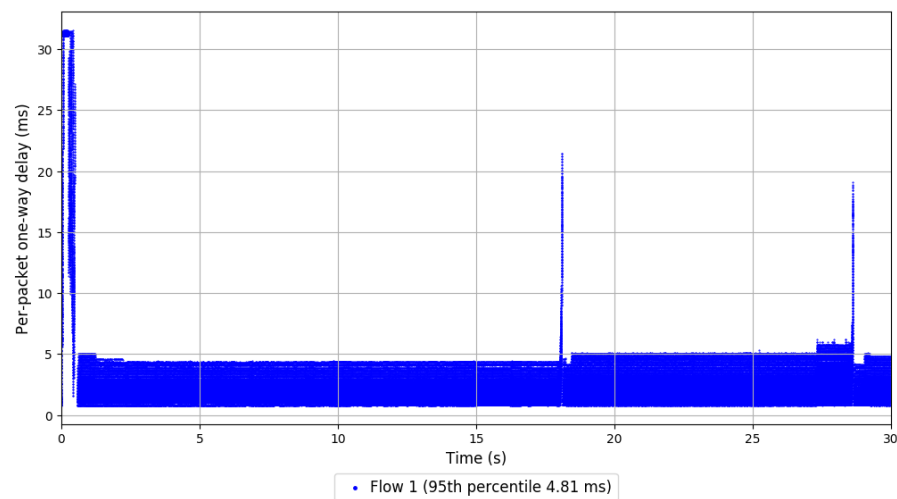
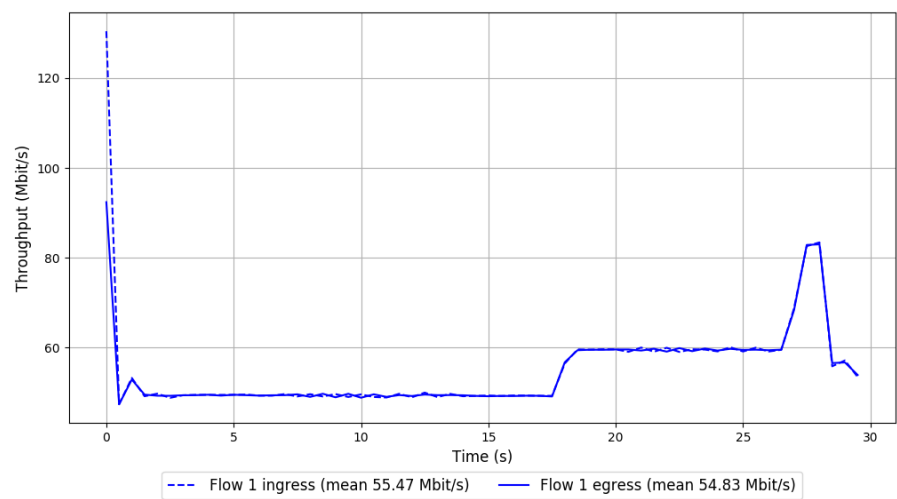


Run 5: Statistics of Verus

Start at: 2018-04-10 14:01:29
End at: 2018-04-10 14:01:59
Local clock offset: -7.132 ms
Remote clock offset: -7.284 ms

Below is generated by plot.py at 2018-04-10 16:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.83 Mbit/s
95th percentile per-packet one-way delay: 4.812 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 54.83 Mbit/s
95th percentile per-packet one-way delay: 4.812 ms
Loss rate: 1.14%

Run 5: Report of Verus — Data Link

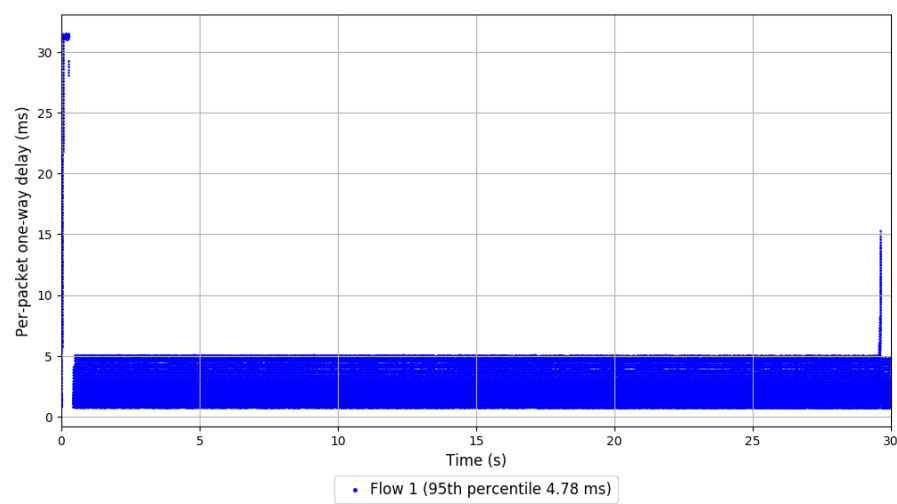
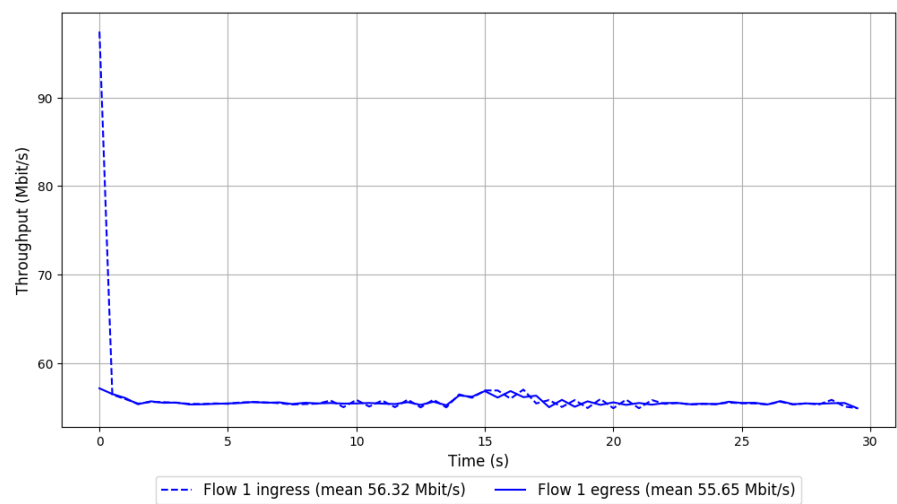


Run 6: Statistics of Verus

Start at: 2018-04-10 14:21:46
End at: 2018-04-10 14:22:16
Local clock offset: -6.496 ms
Remote clock offset: -8.059 ms

Below is generated by plot.py at 2018-04-10 16:33:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.65 Mbit/s
95th percentile per-packet one-way delay: 4.783 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 55.65 Mbit/s
95th percentile per-packet one-way delay: 4.783 ms
Loss rate: 1.18%

Run 6: Report of Verus — Data Link

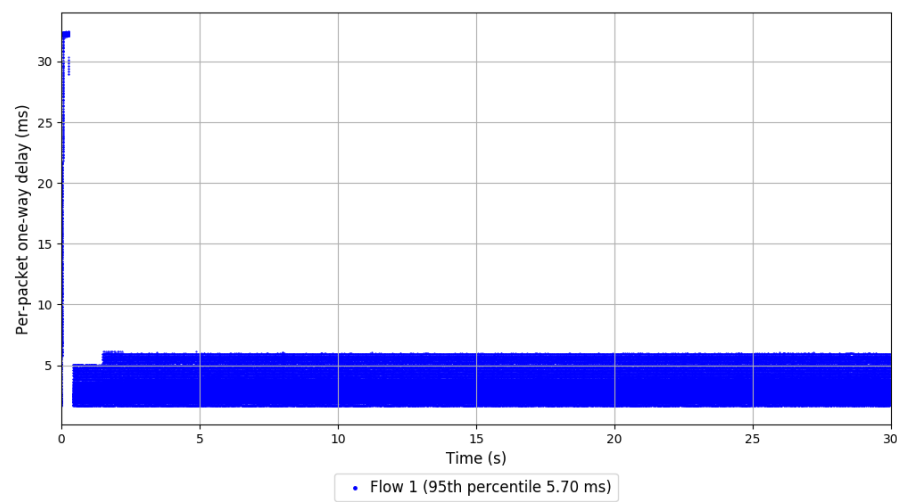
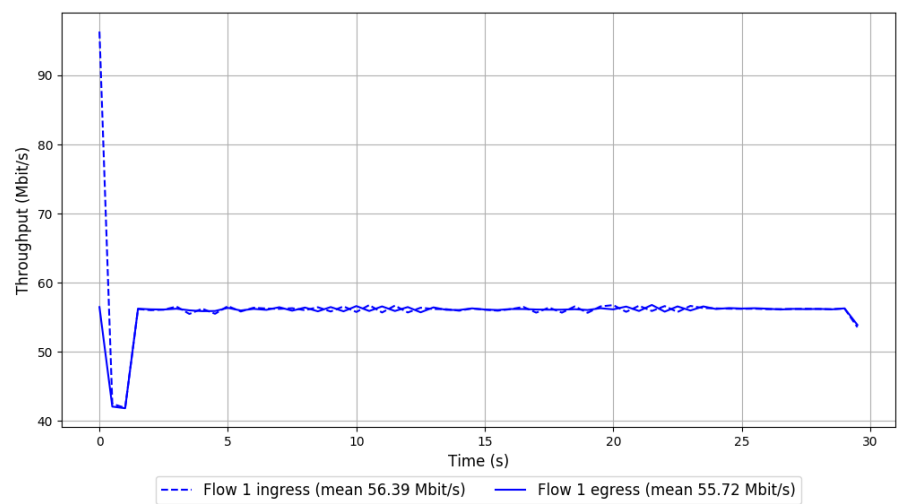


Run 7: Statistics of Verus

Start at: 2018-04-10 14:42:03
End at: 2018-04-10 14:42:33
Local clock offset: -6.935 ms
Remote clock offset: -7.433 ms

Below is generated by plot.py at 2018-04-10 16:33:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.72 Mbit/s
95th percentile per-packet one-way delay: 5.702 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 55.72 Mbit/s
95th percentile per-packet one-way delay: 5.702 ms
Loss rate: 1.18%

Run 7: Report of Verus — Data Link

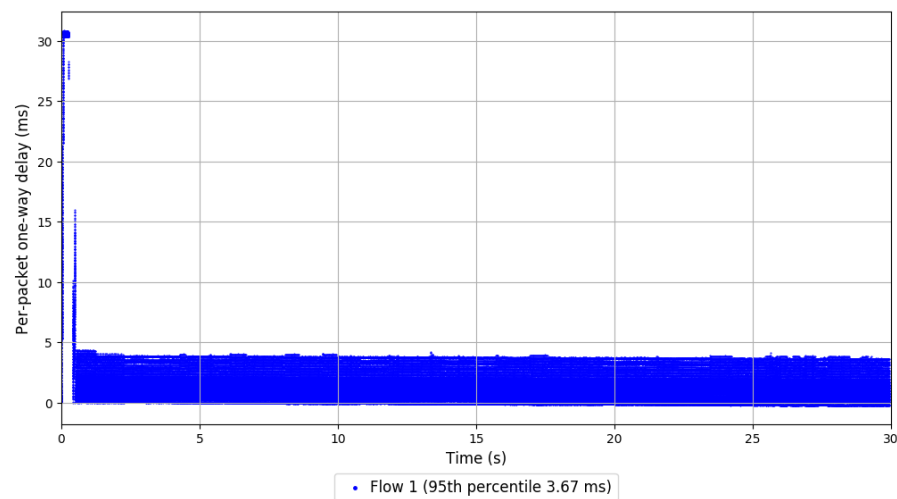
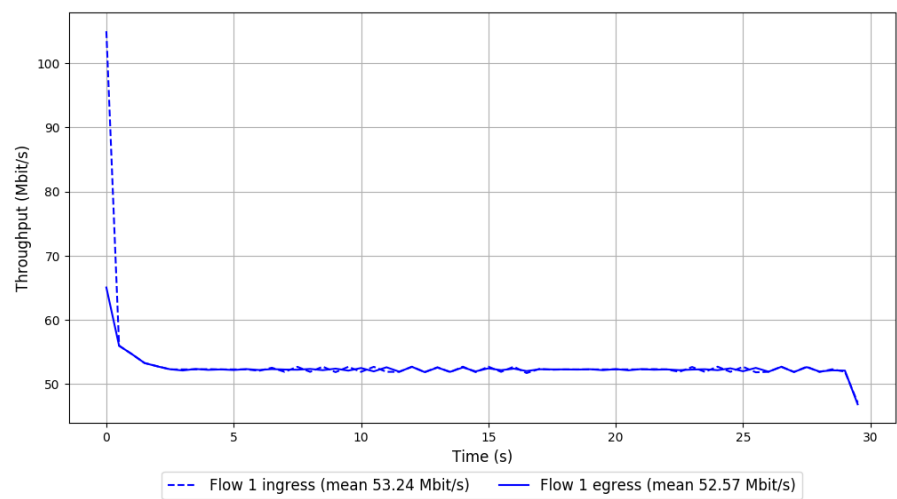


Run 8: Statistics of Verus

Start at: 2018-04-10 15:02:19
End at: 2018-04-10 15:02:49
Local clock offset: -5.339 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-04-10 16:33:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.57 Mbit/s
95th percentile per-packet one-way delay: 3.671 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 52.57 Mbit/s
95th percentile per-packet one-way delay: 3.671 ms
Loss rate: 1.26%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-04-10 15:22:50

End at: 2018-04-10 15:23:20

Local clock offset: -7.038 ms

Remote clock offset: 5.985 ms

Below is generated by plot.py at 2018-04-10 16:33:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.23 Mbit/s

95th percentile per-packet one-way delay: 5.652 ms

Loss rate: 1.17%

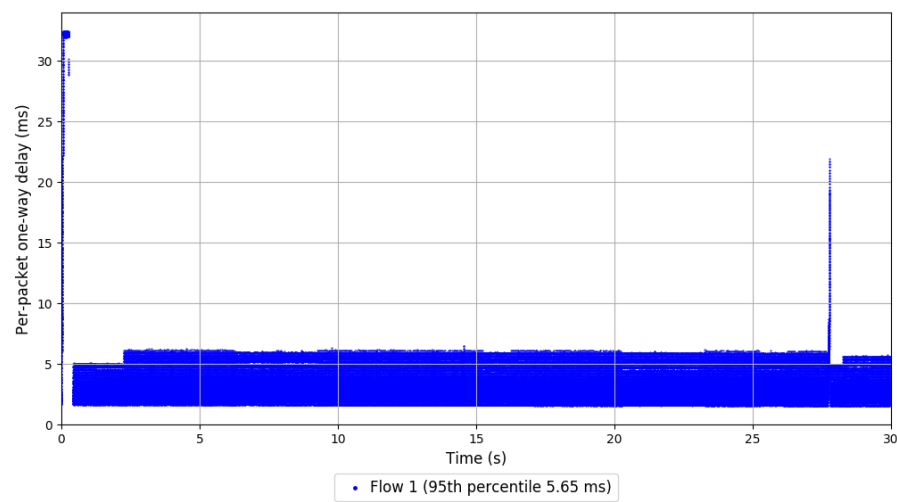
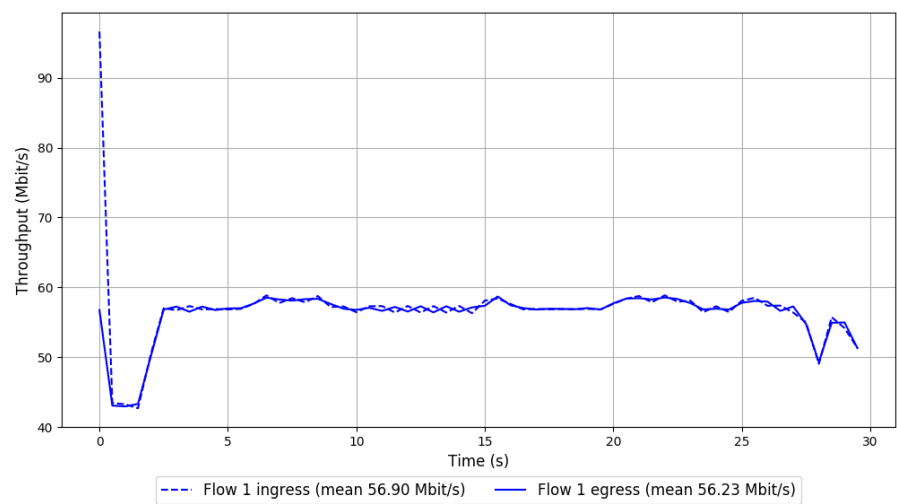
-- Flow 1:

Average throughput: 56.23 Mbit/s

95th percentile per-packet one-way delay: 5.652 ms

Loss rate: 1.17%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-04-10 15:43:07

End at: 2018-04-10 15:43:37

Local clock offset: -6.604 ms

Remote clock offset: 10.34 ms

Below is generated by plot.py at 2018-04-10 16:33:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.94 Mbit/s

95th percentile per-packet one-way delay: 11.133 ms

Loss rate: 2.05%

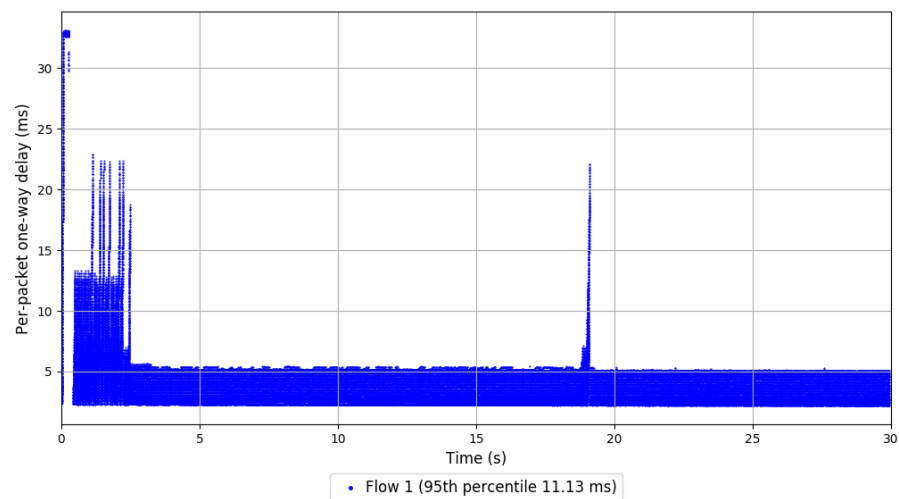
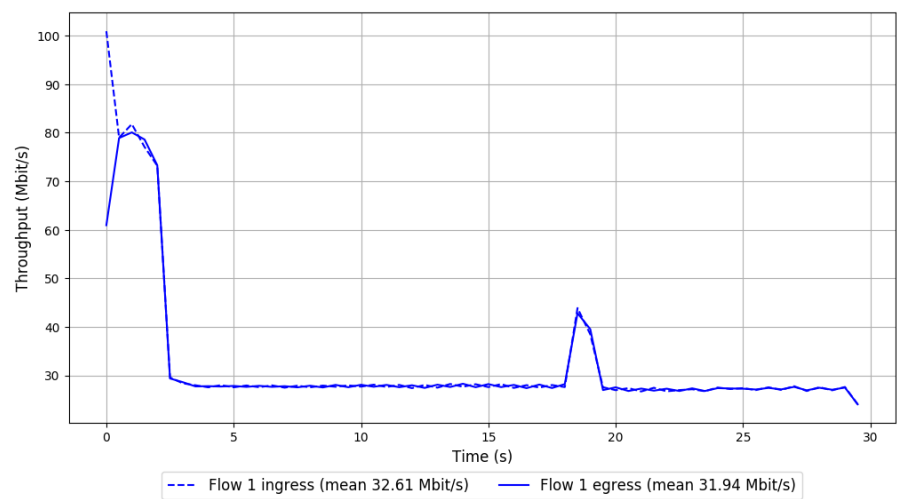
-- Flow 1:

Average throughput: 31.94 Mbit/s

95th percentile per-packet one-way delay: 11.133 ms

Loss rate: 2.05%

Run 10: Report of Verus — Data Link

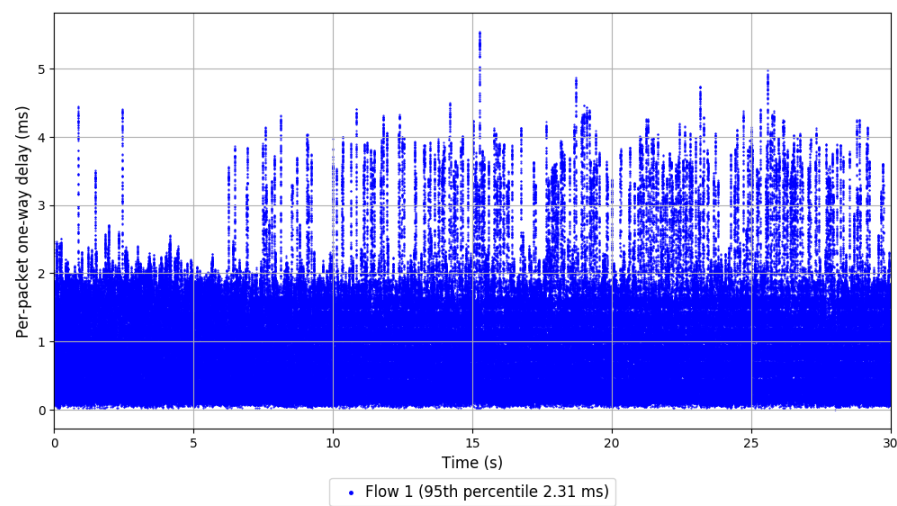
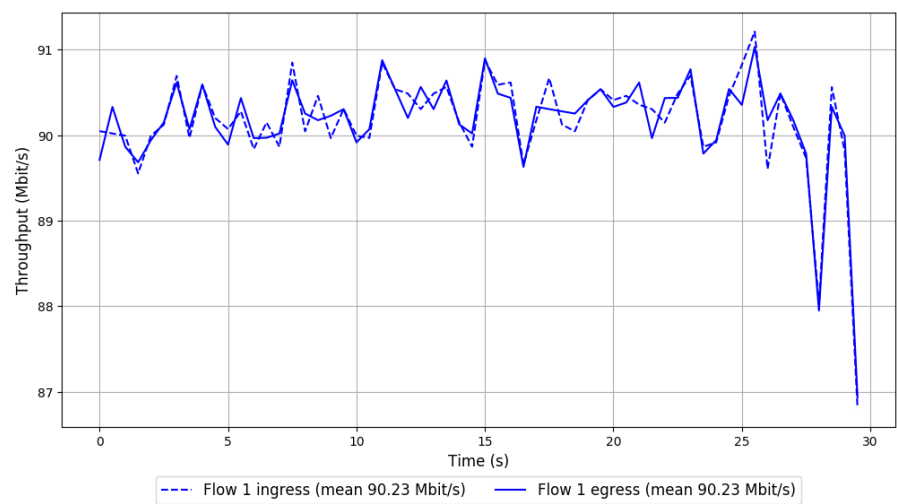


Run 1: Statistics of Copa

Start at: 2018-04-10 12:33:38
End at: 2018-04-10 12:34:08
Local clock offset: -6.997 ms
Remote clock offset: -7.879 ms

Below is generated by plot.py at 2018-04-10 16:35:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.23 Mbit/s
95th percentile per-packet one-way delay: 2.315 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.23 Mbit/s
95th percentile per-packet one-way delay: 2.315 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

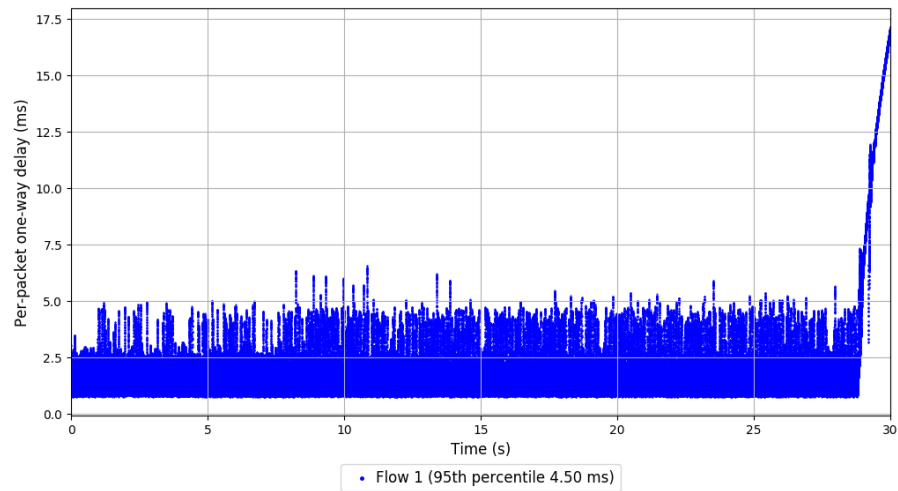
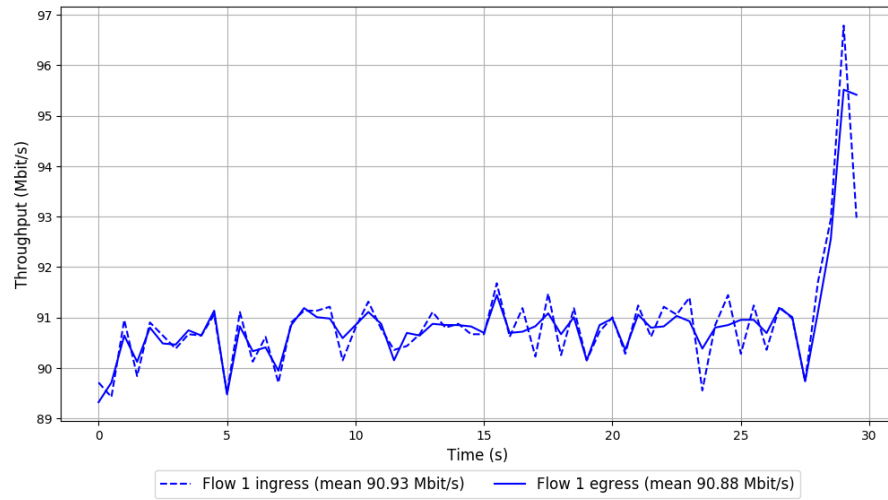


Run 2: Statistics of Copa

Start at: 2018-04-10 12:53:55
End at: 2018-04-10 12:54:25
Local clock offset: -7.688 ms
Remote clock offset: -7.576 ms

Below is generated by plot.py at 2018-04-10 16:35:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.88 Mbit/s
95th percentile per-packet one-way delay: 4.505 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.88 Mbit/s
95th percentile per-packet one-way delay: 4.505 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

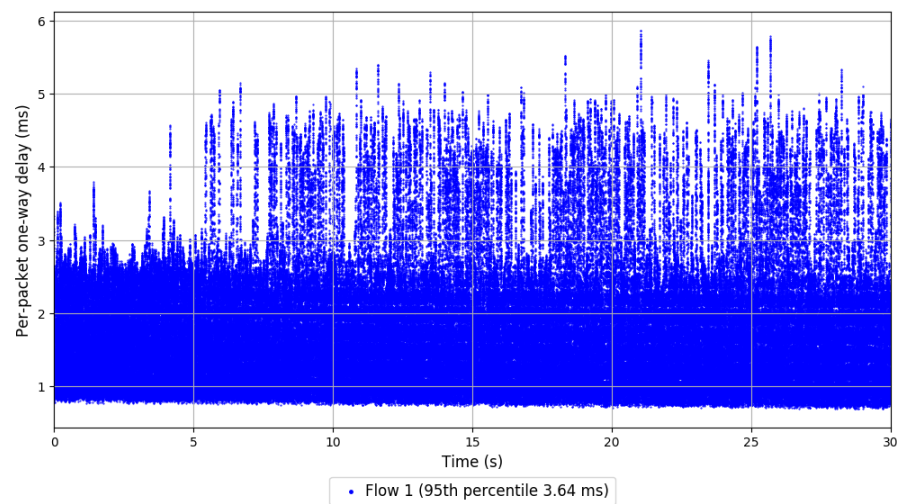
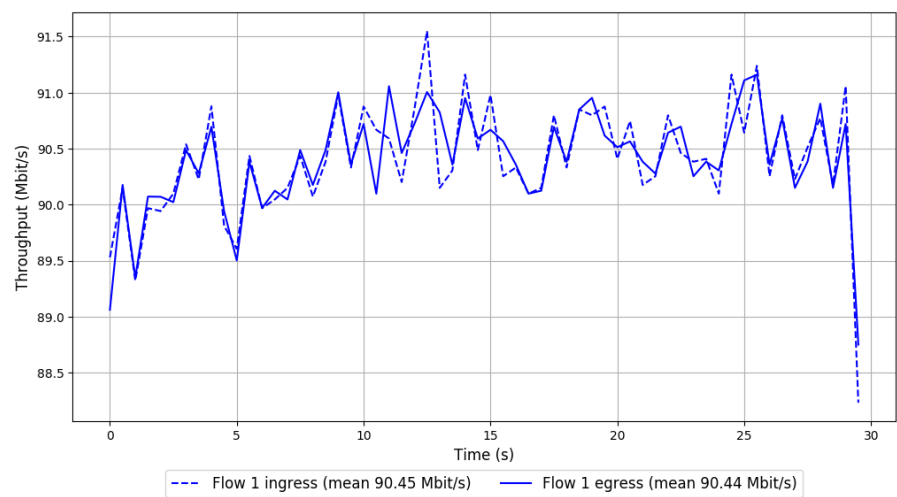


Run 3: Statistics of Copa

Start at: 2018-04-10 13:14:13
End at: 2018-04-10 13:14:43
Local clock offset: -6.905 ms
Remote clock offset: -6.869 ms

Below is generated by plot.py at 2018-04-10 16:35:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.44 Mbit/s
95th percentile per-packet one-way delay: 3.638 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.44 Mbit/s
95th percentile per-packet one-way delay: 3.638 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

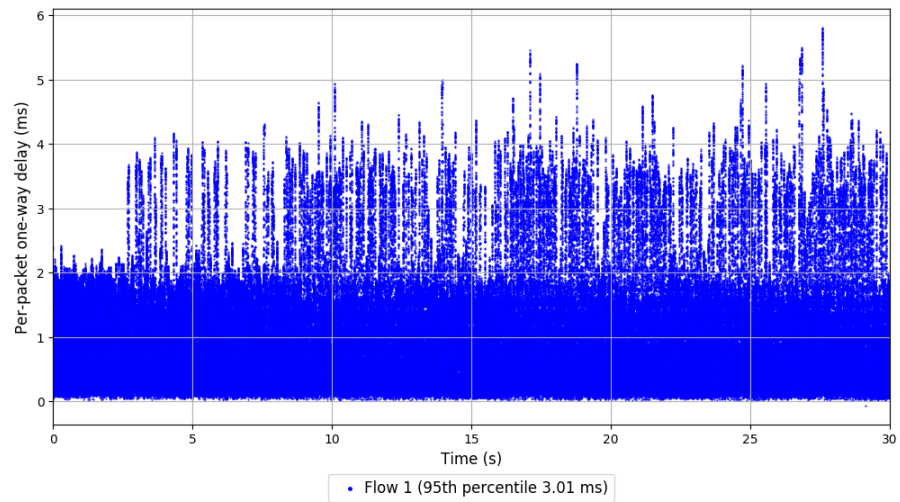
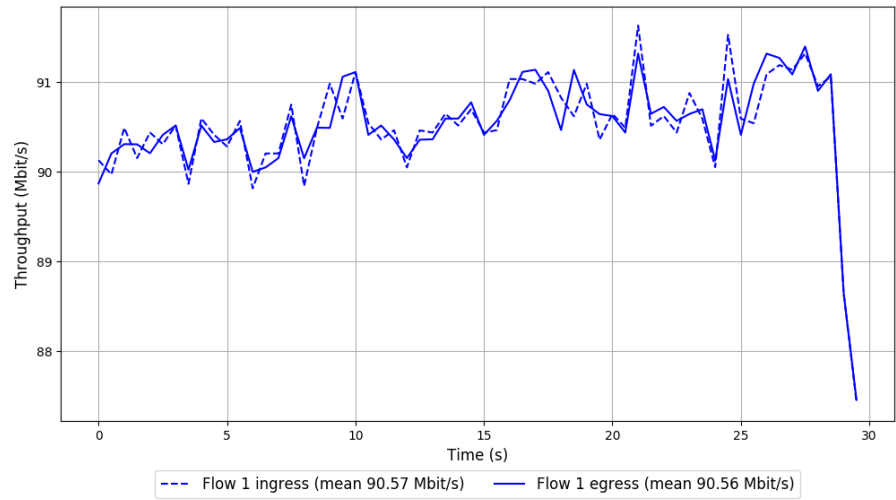


Run 4: Statistics of Copa

Start at: 2018-04-10 13:34:29
End at: 2018-04-10 13:34:59
Local clock offset: -5.58 ms
Remote clock offset: -4.782 ms

Below is generated by plot.py at 2018-04-10 16:36:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.56 Mbit/s
95th percentile per-packet one-way delay: 3.014 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.56 Mbit/s
95th percentile per-packet one-way delay: 3.014 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-04-10 13:54:44

End at: 2018-04-10 13:55:14

Local clock offset: -6.36 ms

Remote clock offset: -6.5 ms

Below is generated by plot.py at 2018-04-10 16:36:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.69 Mbit/s

95th percentile per-packet one-way delay: 3.985 ms

Loss rate: 0.01%

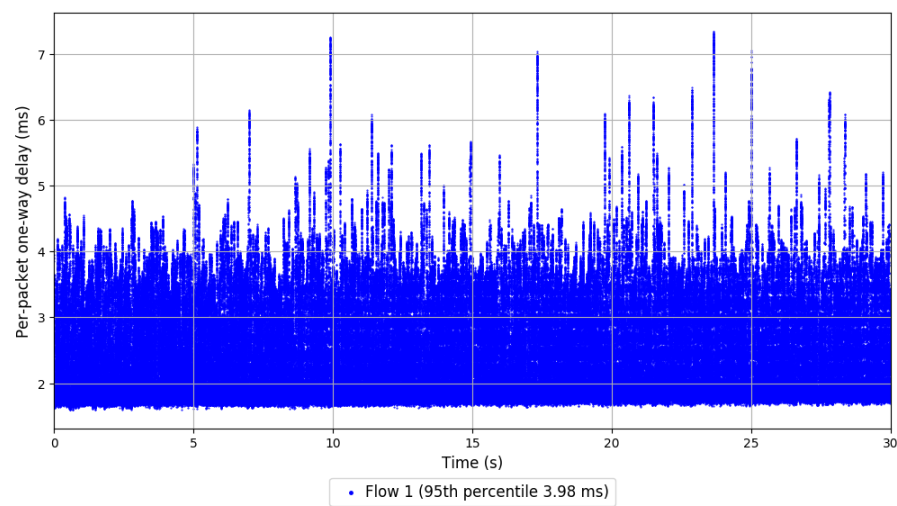
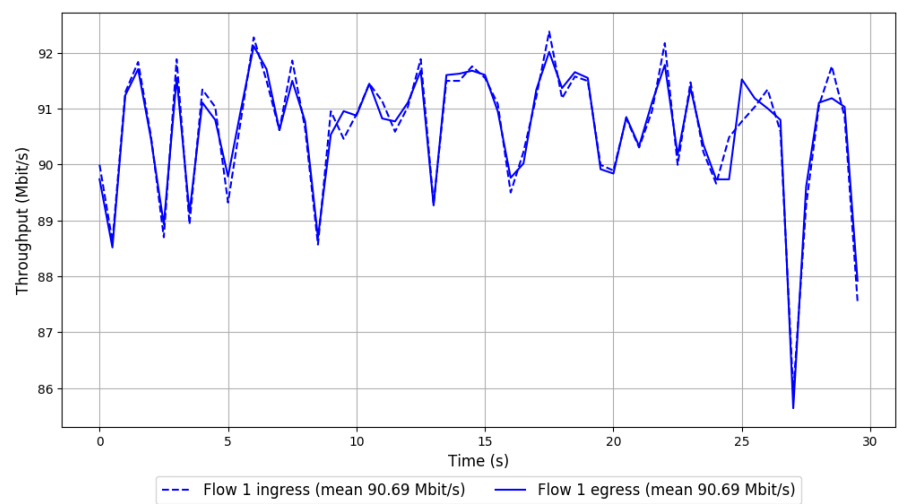
-- Flow 1:

Average throughput: 90.69 Mbit/s

95th percentile per-packet one-way delay: 3.985 ms

Loss rate: 0.01%

Run 5: Report of Copa — Data Link

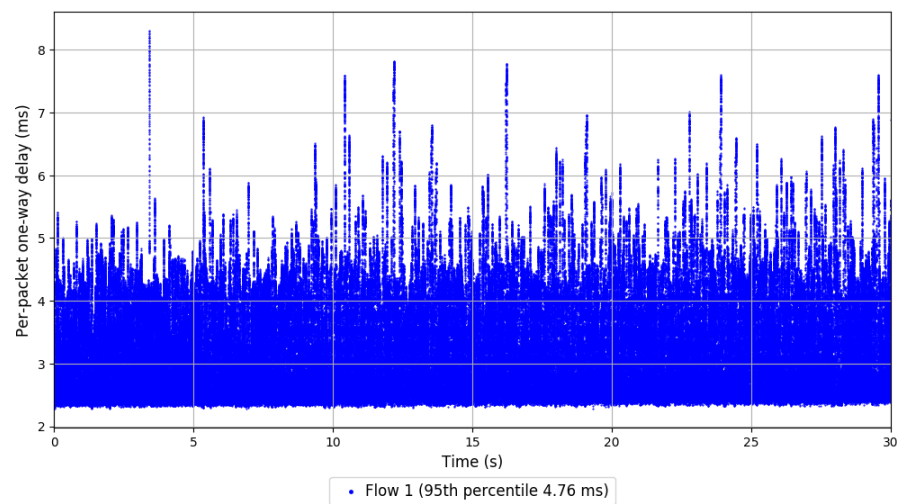
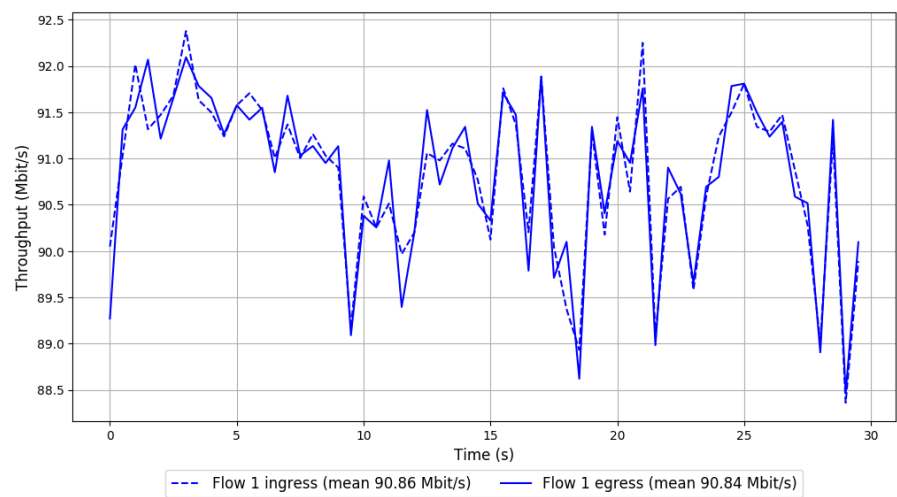


Run 6: Statistics of Copa

Start at: 2018-04-10 14:15:01
End at: 2018-04-10 14:15:31
Local clock offset: -6.821 ms
Remote clock offset: -8.106 ms

Below is generated by plot.py at 2018-04-10 16:36:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: 4.758 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: 4.758 ms
Loss rate: 0.01%

Run 6: Report of Copa — Data Link

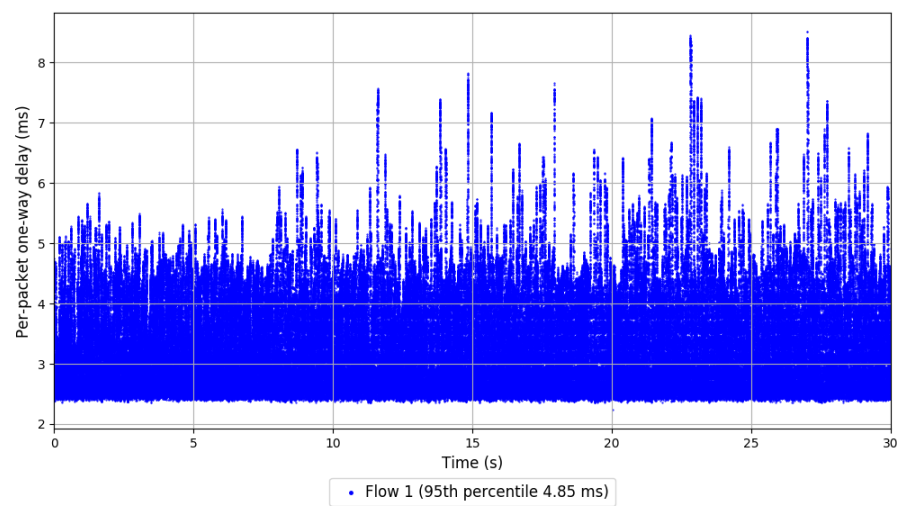
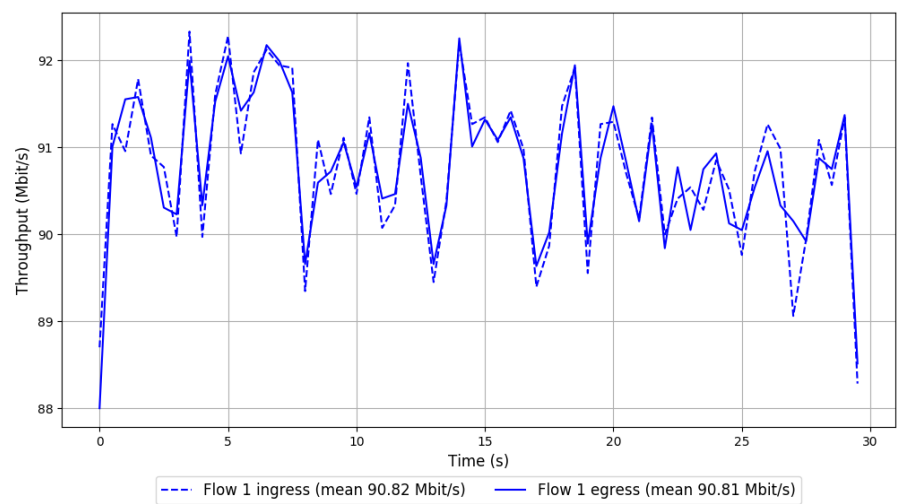


Run 7: Statistics of Copa

Start at: 2018-04-10 14:35:19
End at: 2018-04-10 14:35:49
Local clock offset: -6.283 ms
Remote clock offset: -7.456 ms

Below is generated by plot.py at 2018-04-10 16:36:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 4.846 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 4.846 ms
Loss rate: 0.01%

Run 7: Report of Copa — Data Link

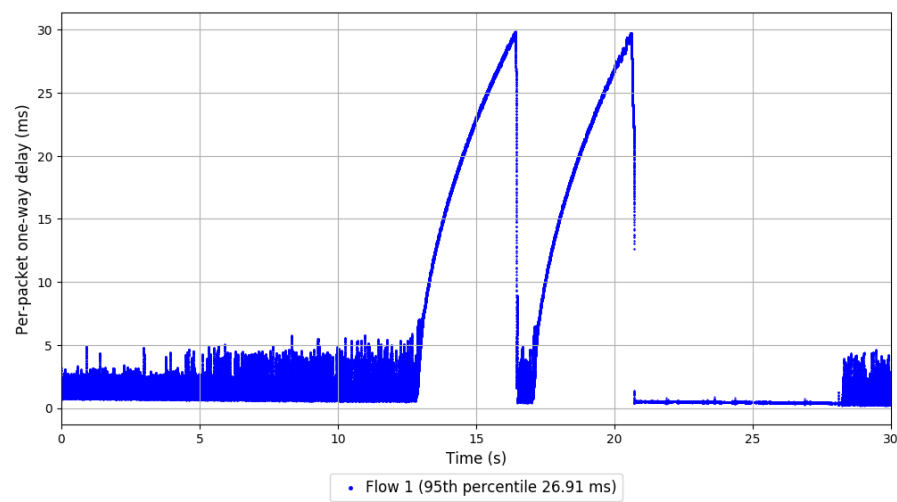
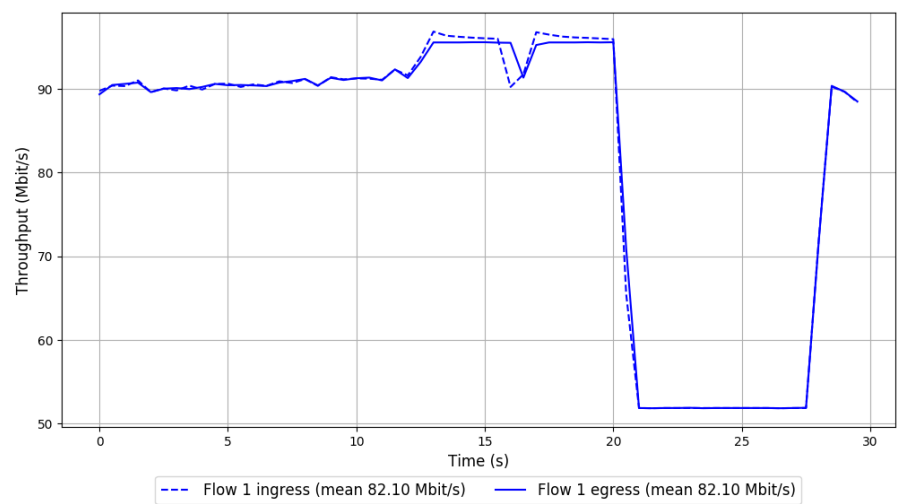


Run 8: Statistics of Copa

Start at: 2018-04-10 14:55:35
End at: 2018-04-10 14:56:05
Local clock offset: -6.203 ms
Remote clock offset: -5.357 ms

Below is generated by plot.py at 2018-04-10 16:36:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.10 Mbit/s
95th percentile per-packet one-way delay: 26.911 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.10 Mbit/s
95th percentile per-packet one-way delay: 26.911 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-04-10 15:15:52

End at: 2018-04-10 15:16:22

Local clock offset: -6.013 ms

Remote clock offset: 4.654 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 70.390 ms

Loss rate: 88.00%

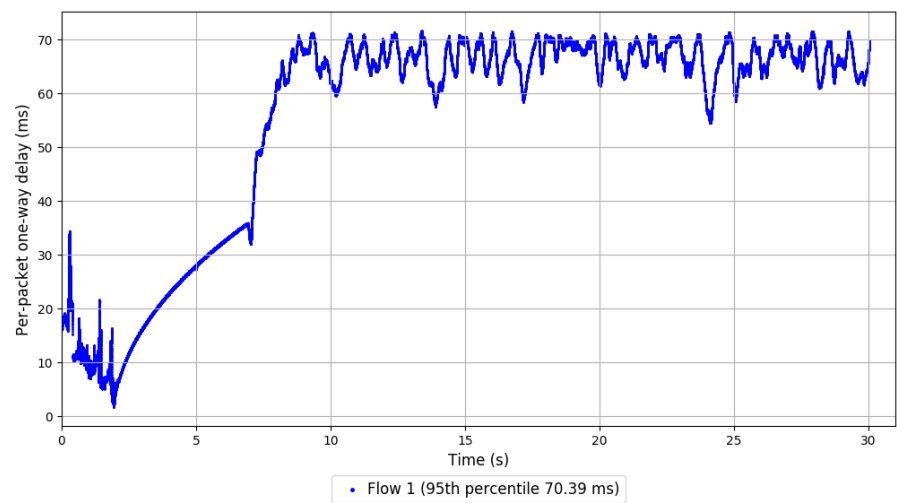
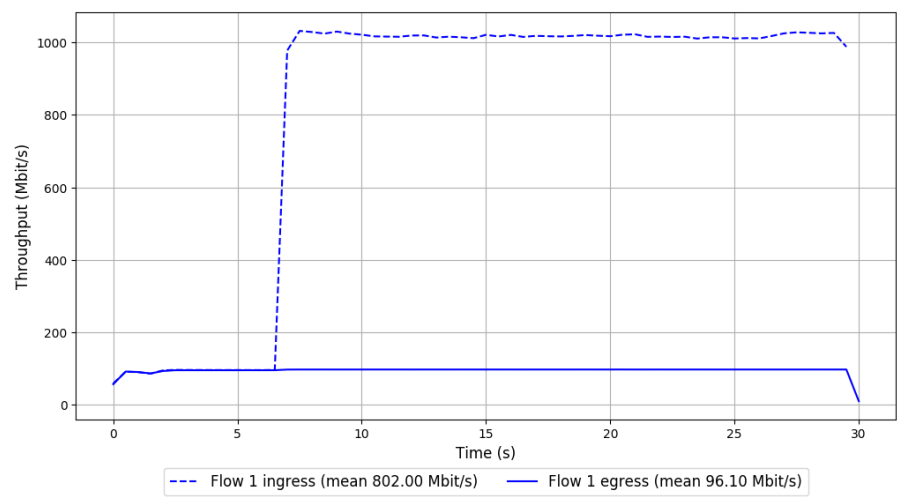
-- Flow 1:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 70.390 ms

Loss rate: 88.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-04-10 15:36:22

End at: 2018-04-10 15:36:52

Local clock offset: -5.794 ms

Remote clock offset: 8.99 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.49 Mbit/s

95th percentile per-packet one-way delay: 4.097 ms

Loss rate: 0.01%

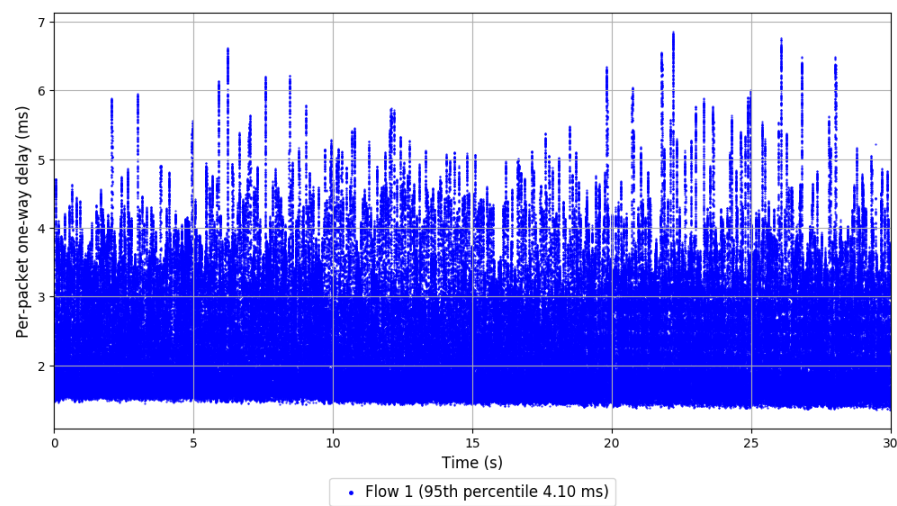
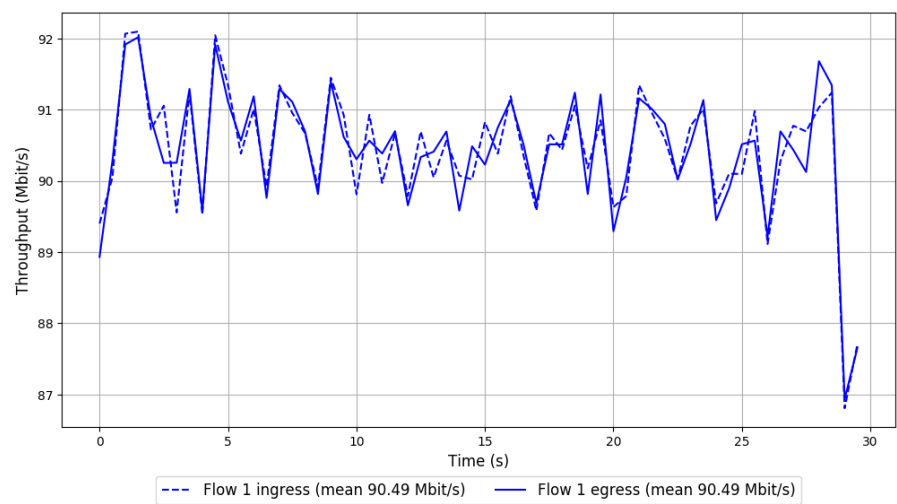
-- Flow 1:

Average throughput: 90.49 Mbit/s

95th percentile per-packet one-way delay: 4.097 ms

Loss rate: 0.01%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-04-10 12:34:49

End at: 2018-04-10 12:35:19

Local clock offset: -7.816 ms

Remote clock offset: -7.88 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.31 Mbit/s

95th percentile per-packet one-way delay: 14.486 ms

Loss rate: 1.20%

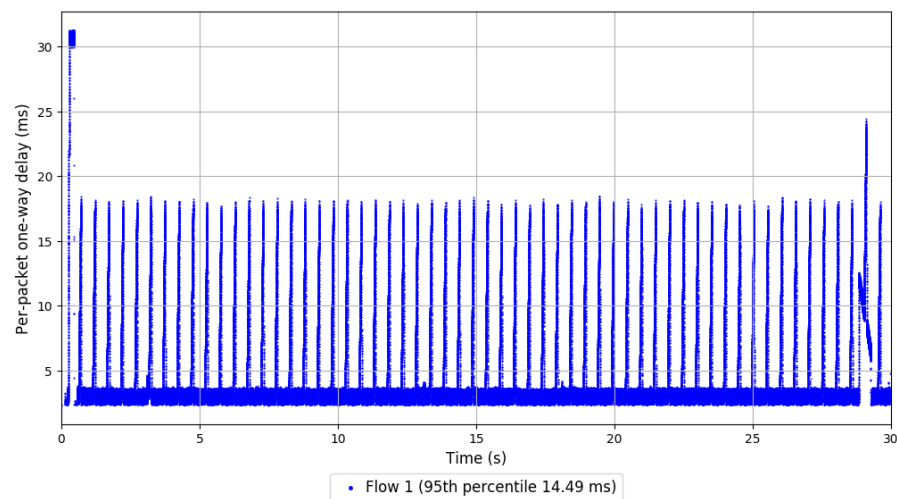
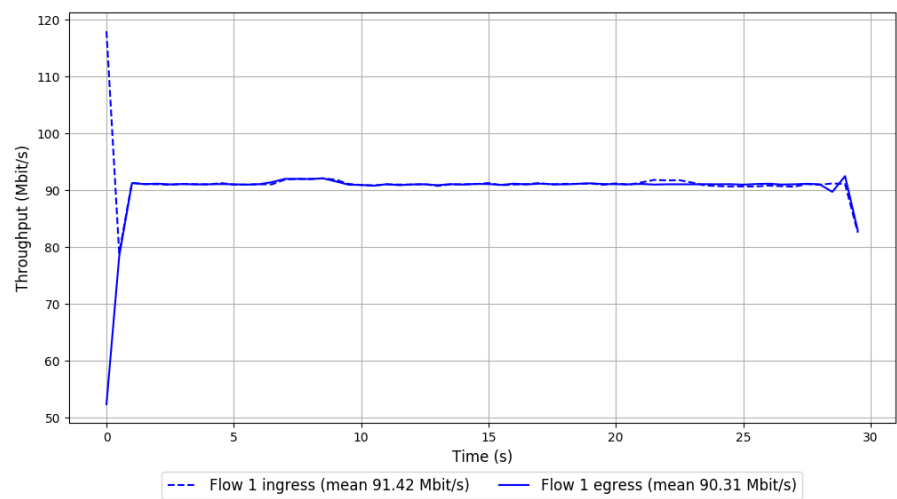
-- Flow 1:

Average throughput: 90.31 Mbit/s

95th percentile per-packet one-way delay: 14.486 ms

Loss rate: 1.20%

Run 1: Report of FillP — Data Link

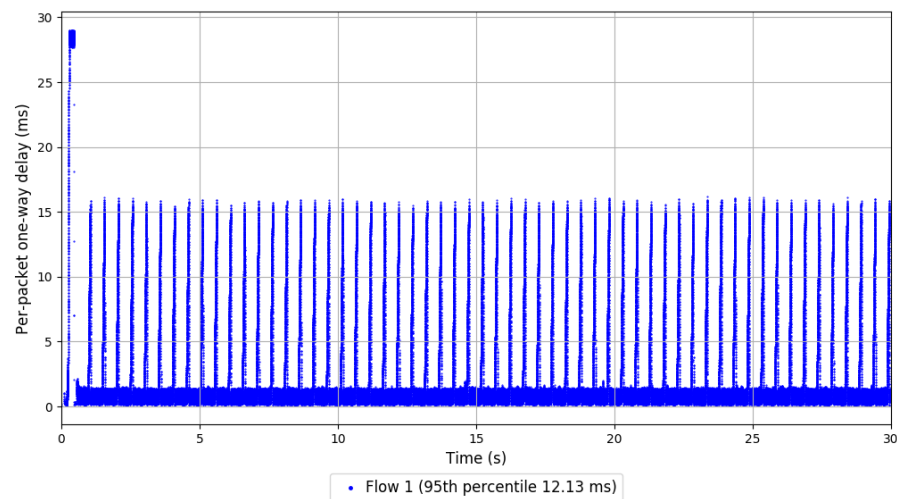
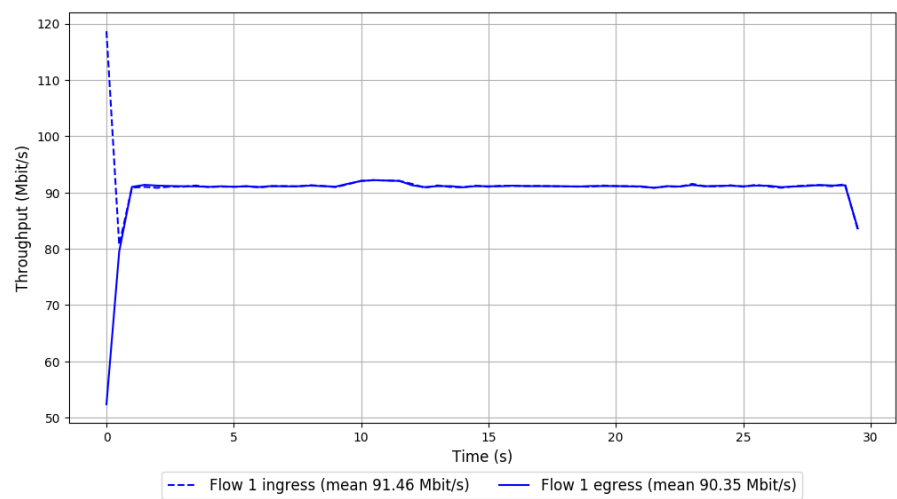


Run 2: Statistics of FillP

Start at: 2018-04-10 12:55:06
End at: 2018-04-10 12:55:36
Local clock offset: -6.954 ms
Remote clock offset: -7.568 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 12.130 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 12.130 ms
Loss rate: 1.21%

Run 2: Report of FillP — Data Link

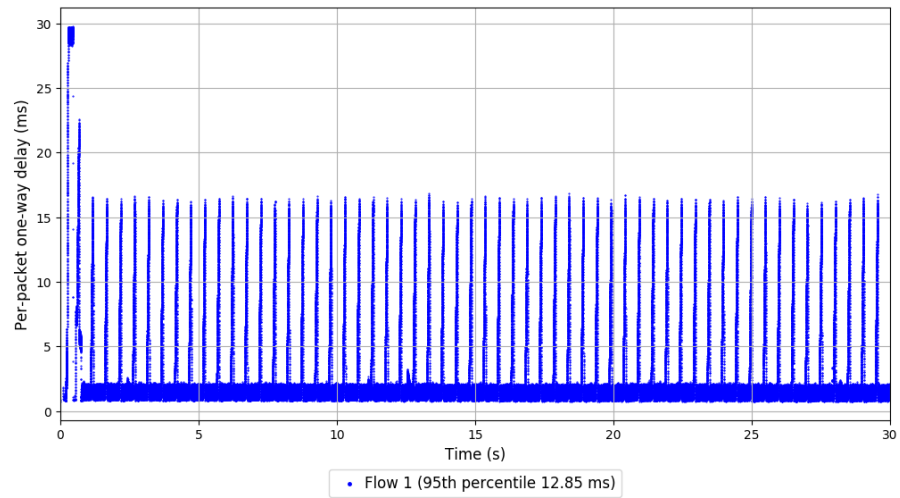
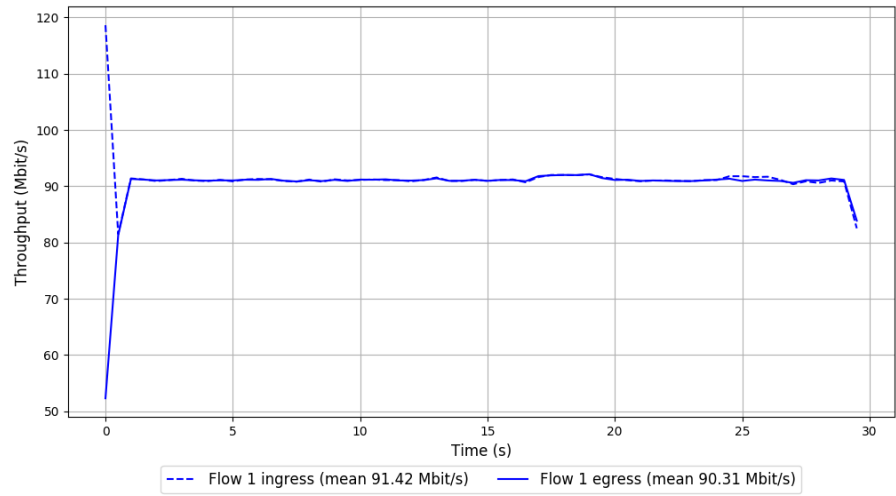


Run 3: Statistics of FillP

Start at: 2018-04-10 13:15:24
End at: 2018-04-10 13:15:54
Local clock offset: -6.791 ms
Remote clock offset: -6.517 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 12.845 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 12.845 ms
Loss rate: 1.21%

Run 3: Report of FillP — Data Link

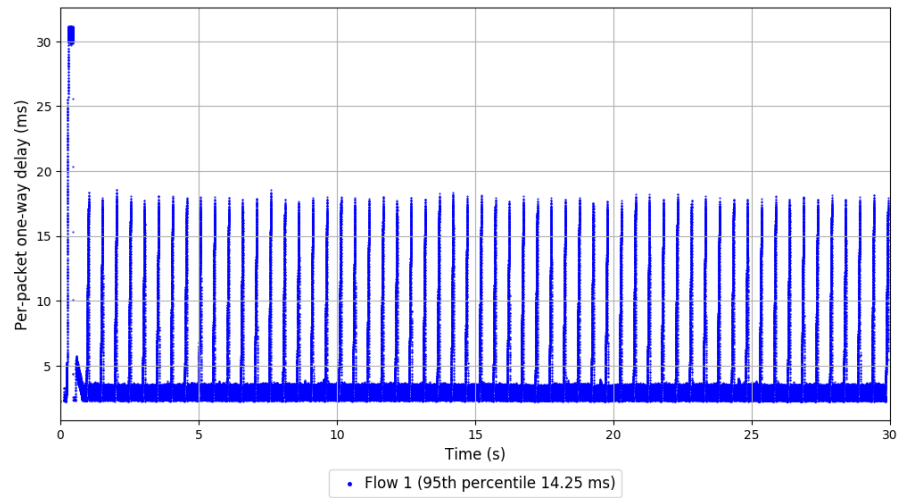
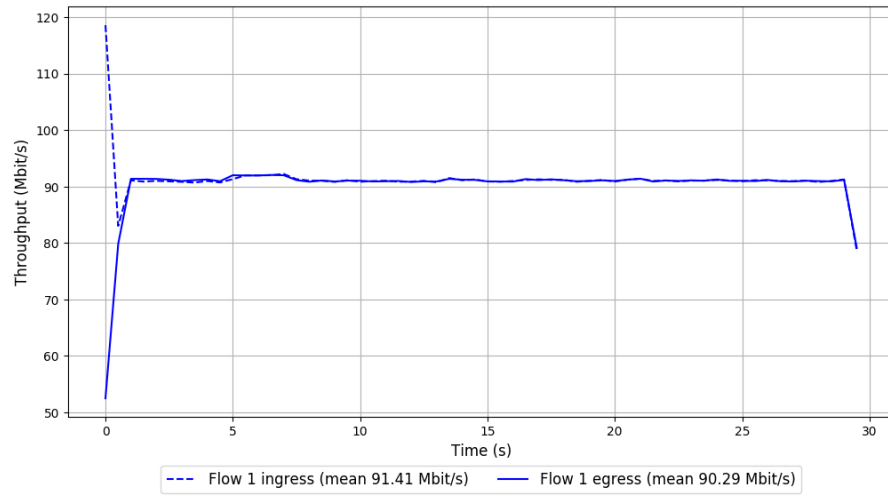


Run 4: Statistics of FillP

Start at: 2018-04-10 13:35:40
End at: 2018-04-10 13:36:10
Local clock offset: -6.307 ms
Remote clock offset: -4.729 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.29 Mbit/s
95th percentile per-packet one-way delay: 14.252 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 90.29 Mbit/s
95th percentile per-packet one-way delay: 14.252 ms
Loss rate: 1.21%

Run 4: Report of FillP — Data Link

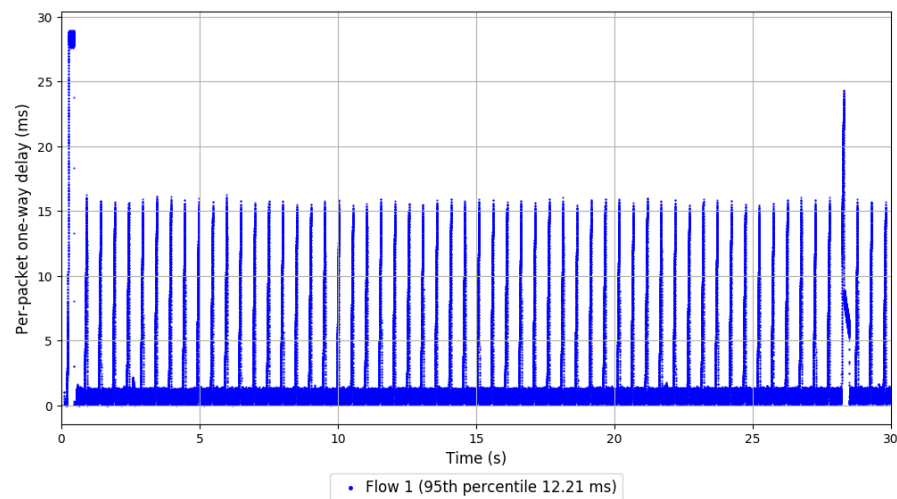
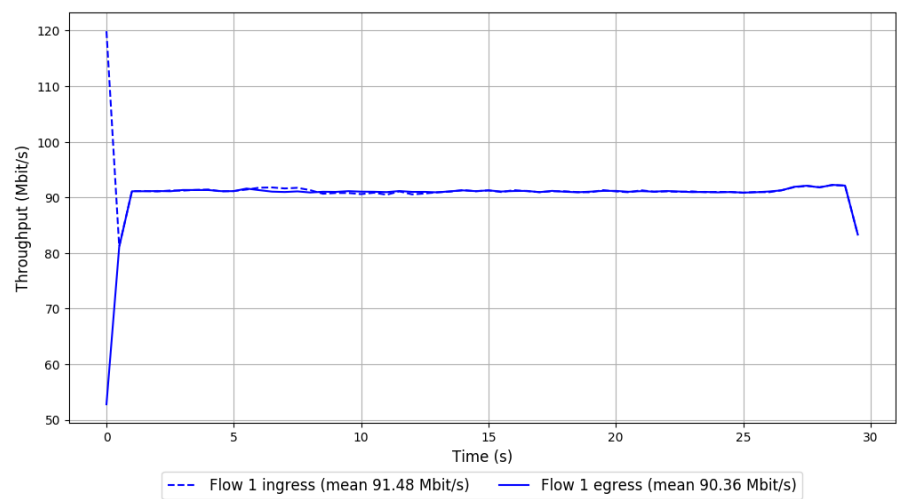


Run 5: Statistics of FillP

Start at: 2018-04-10 13:55:55
End at: 2018-04-10 13:56:25
Local clock offset: -6.37 ms
Remote clock offset: -6.724 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.36 Mbit/s
95th percentile per-packet one-way delay: 12.214 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 90.36 Mbit/s
95th percentile per-packet one-way delay: 12.214 ms
Loss rate: 1.22%

Run 5: Report of FillP — Data Link

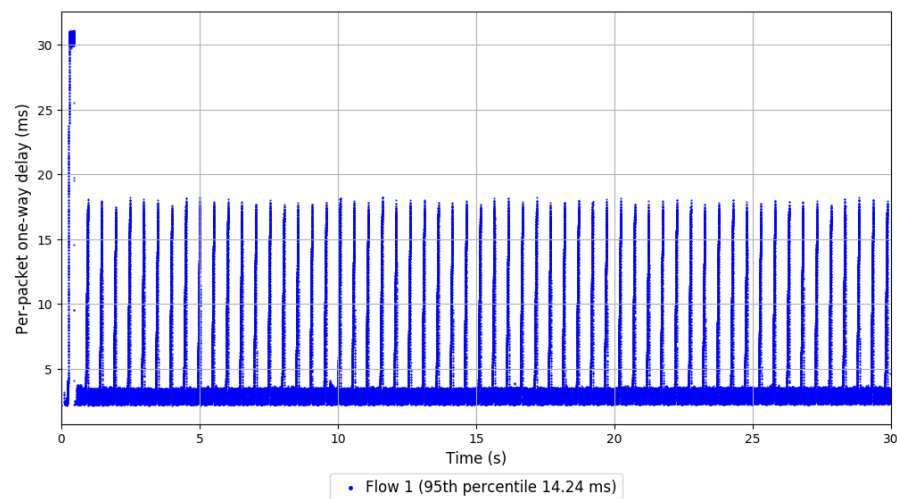
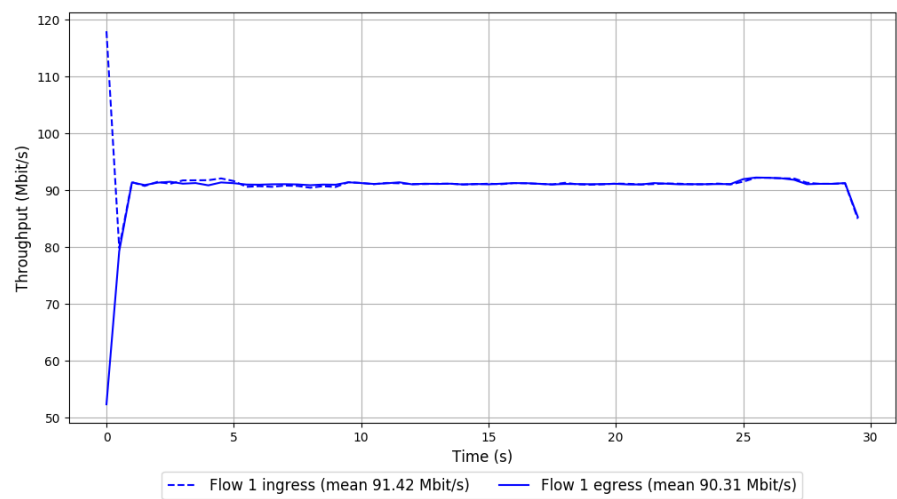


Run 6: Statistics of FillP

Start at: 2018-04-10 14:16:12
End at: 2018-04-10 14:16:42
Local clock offset: -6.734 ms
Remote clock offset: -8.215 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 14.240 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 14.240 ms
Loss rate: 1.20%

Run 6: Report of FillP — Data Link

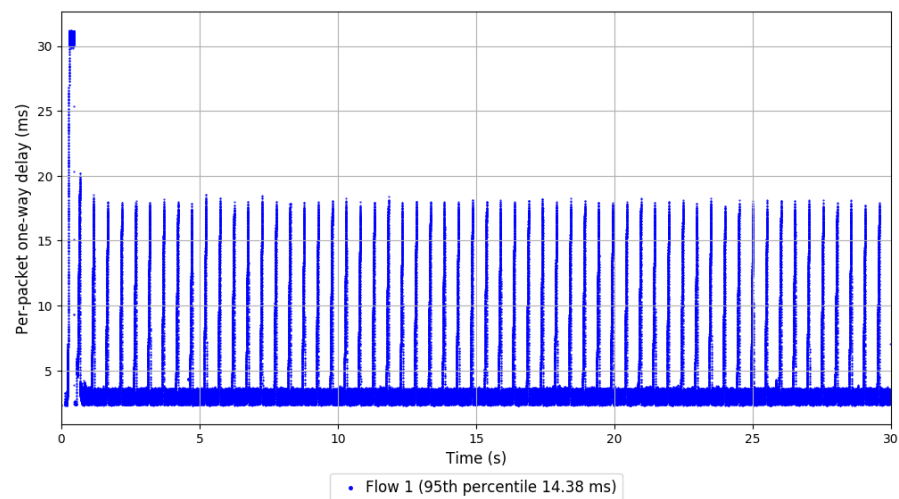
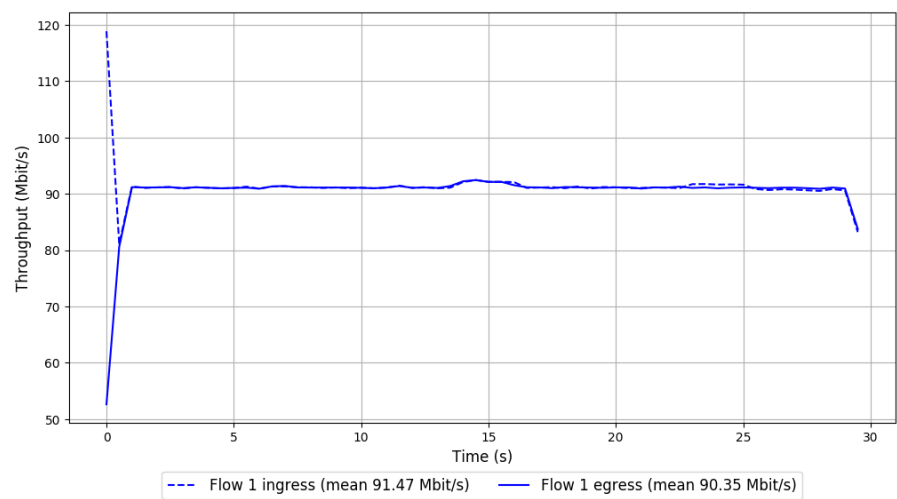


Run 7: Statistics of FillP

Start at: 2018-04-10 14:36:29
End at: 2018-04-10 14:37:00
Local clock offset: -6.214 ms
Remote clock offset: -7.431 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 14.378 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 14.378 ms
Loss rate: 1.21%

Run 7: Report of FillP — Data Link

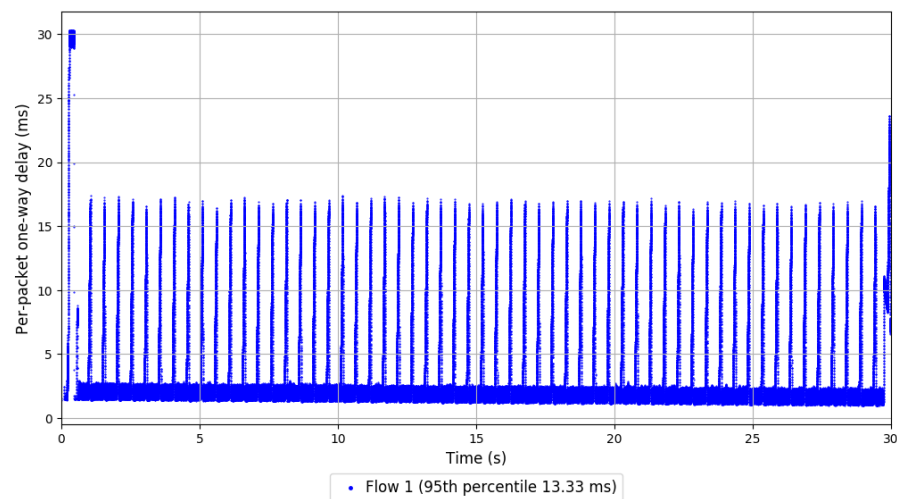
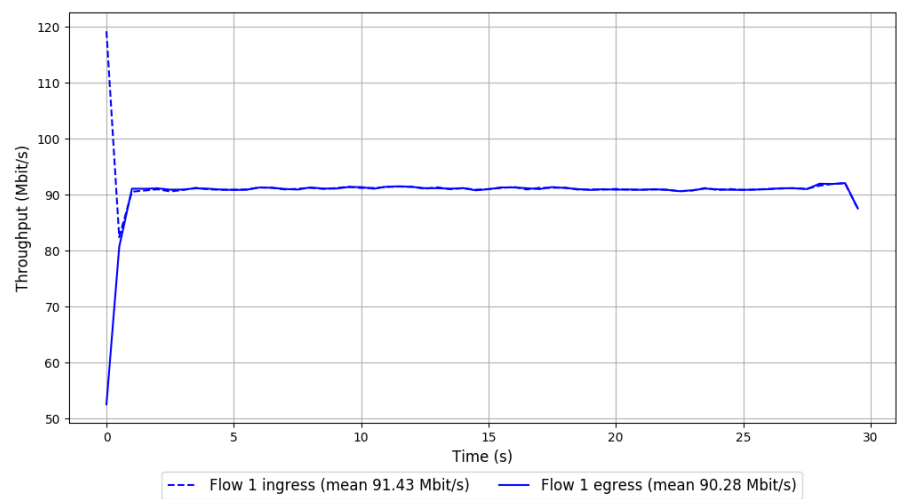


Run 8: Statistics of FillP

Start at: 2018-04-10 14:56:45
End at: 2018-04-10 14:57:15
Local clock offset: -6.957 ms
Remote clock offset: -4.226 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 13.328 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 13.328 ms
Loss rate: 1.21%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-04-10 15:17:16

End at: 2018-04-10 15:17:46

Local clock offset: -6.059 ms

Remote clock offset: 4.867 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.35 Mbit/s

95th percentile per-packet one-way delay: 12.947 ms

Loss rate: 1.21%

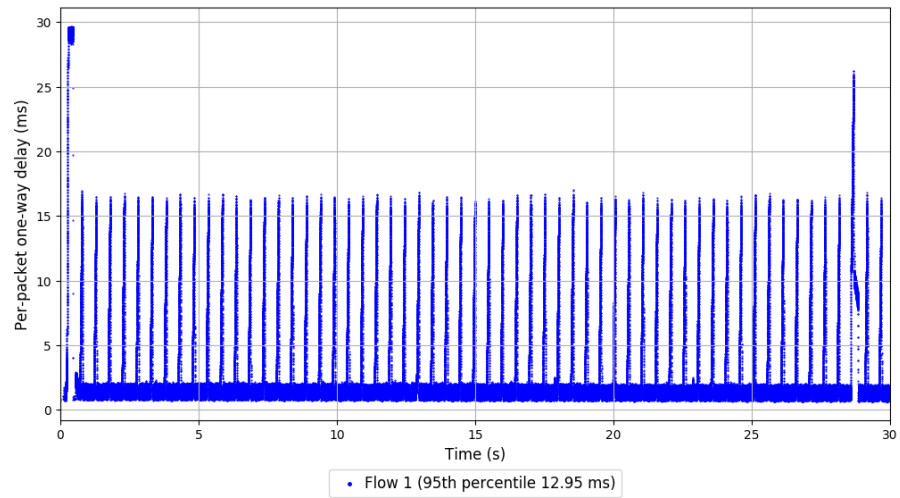
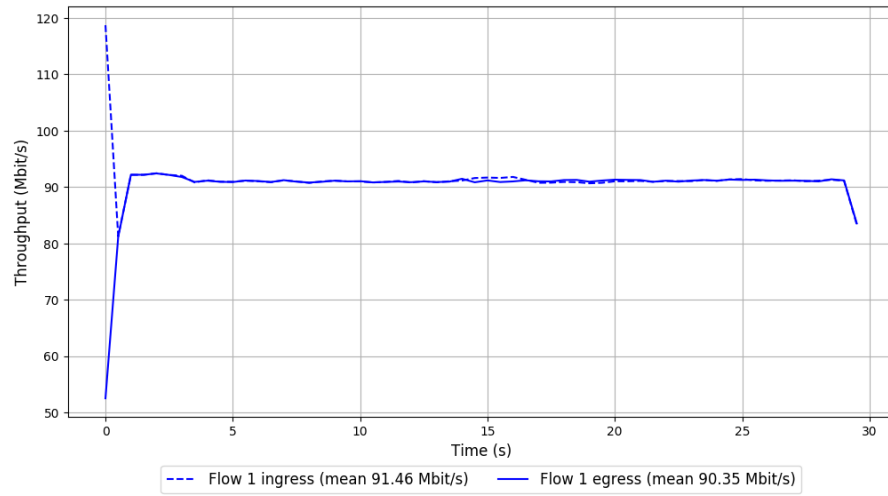
-- Flow 1:

Average throughput: 90.35 Mbit/s

95th percentile per-packet one-way delay: 12.947 ms

Loss rate: 1.21%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-04-10 15:37:33

End at: 2018-04-10 15:38:03

Local clock offset: -6.556 ms

Remote clock offset: 9.217 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.32 Mbit/s

95th percentile per-packet one-way delay: 12.664 ms

Loss rate: 1.21%

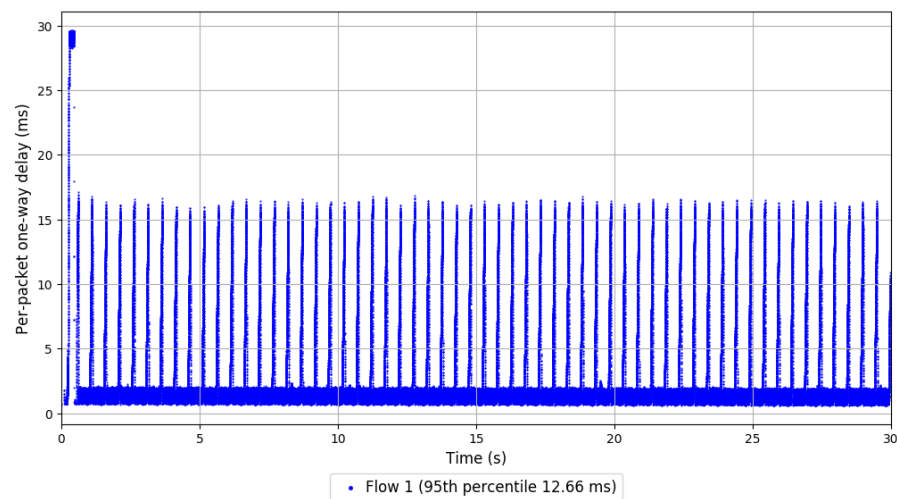
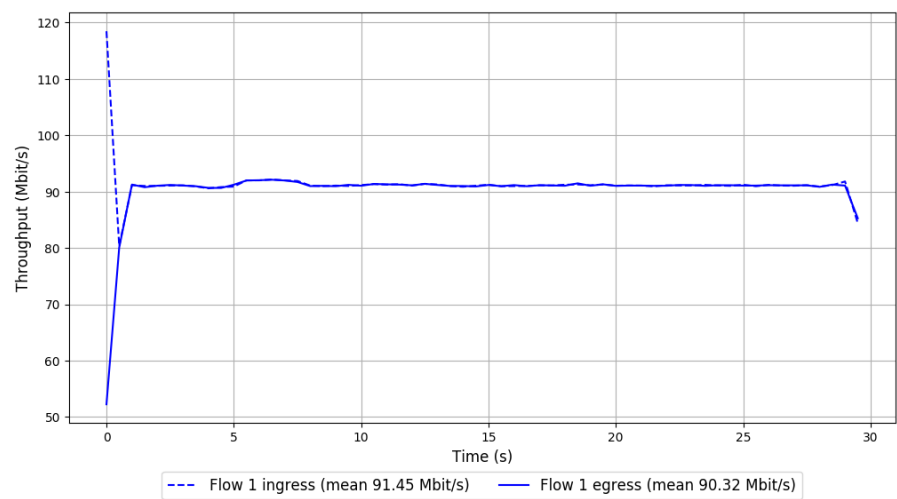
-- Flow 1:

Average throughput: 90.32 Mbit/s

95th percentile per-packet one-way delay: 12.664 ms

Loss rate: 1.21%

Run 10: Report of FillP — Data Link

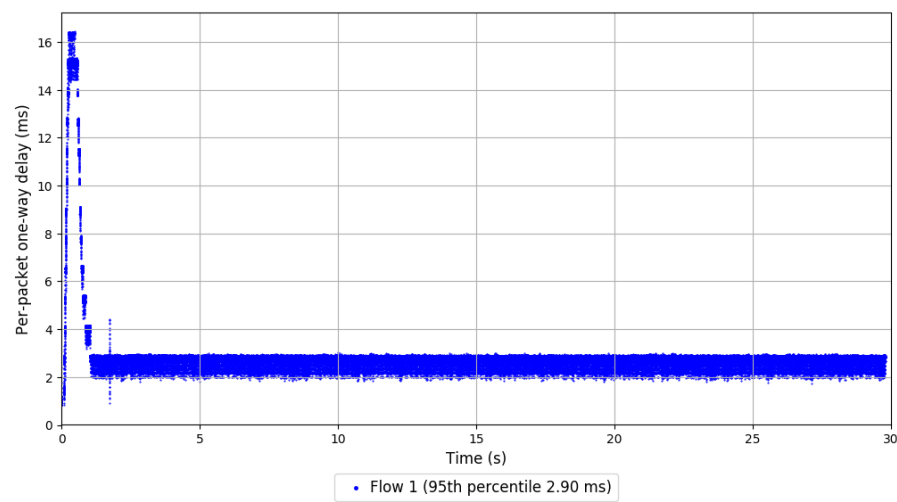
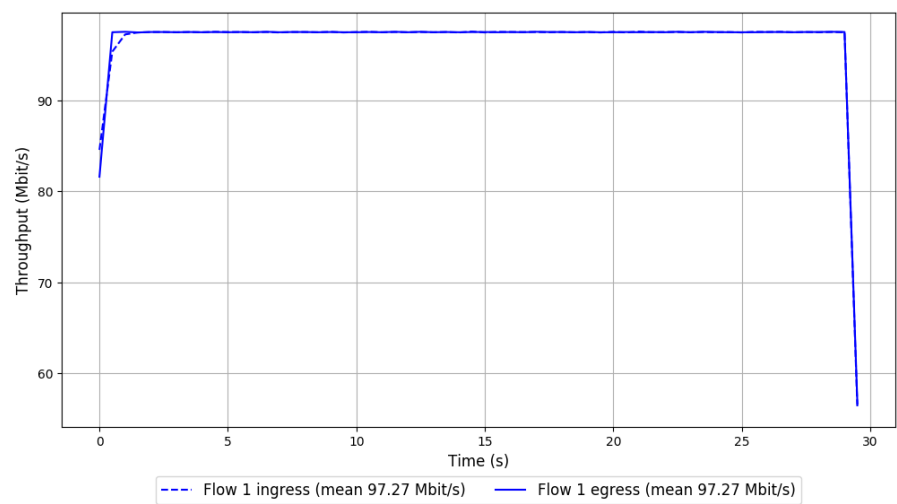


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-04-10 12:23:36
End at: 2018-04-10 12:24:06
Local clock offset: -7.813 ms
Remote clock offset: -7.868 ms

# Below is generated by plot.py at 2018-04-10 16:43:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 2.898 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 2.898 ms
Loss rate: 0.00%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-04-10 12:43:48

End at: 2018-04-10 12:44:18

Local clock offset: -6.95 ms

Remote clock offset: -7.773 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 4.510 ms

Loss rate: 0.00%

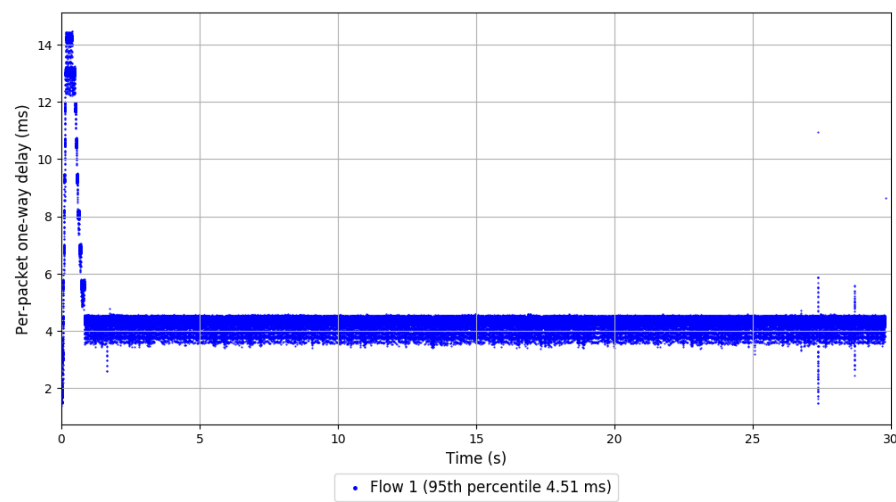
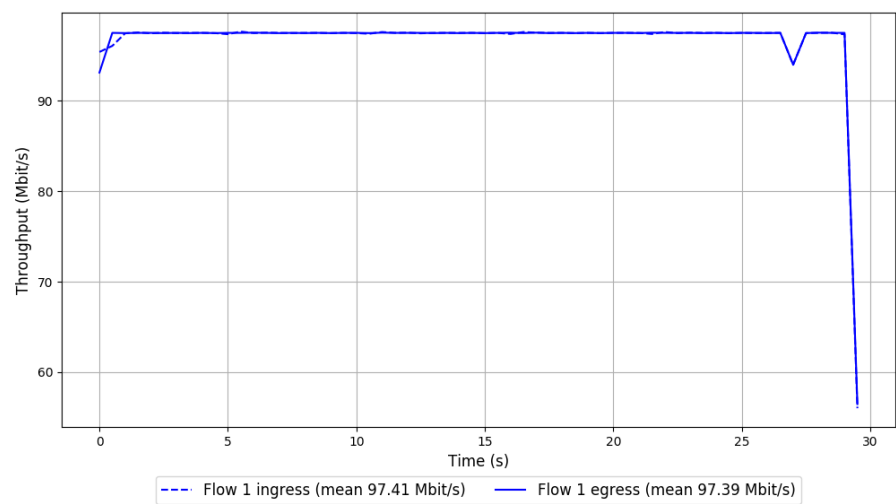
-- Flow 1:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 4.510 ms

Loss rate: 0.00%

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

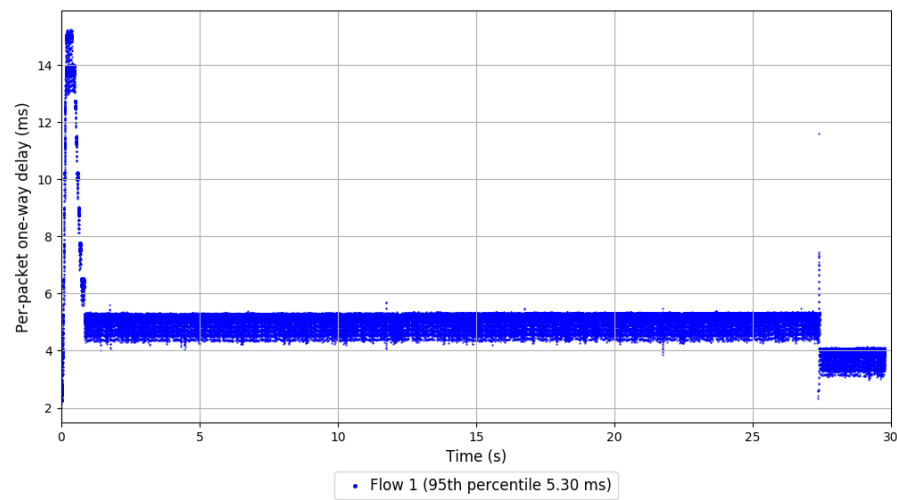
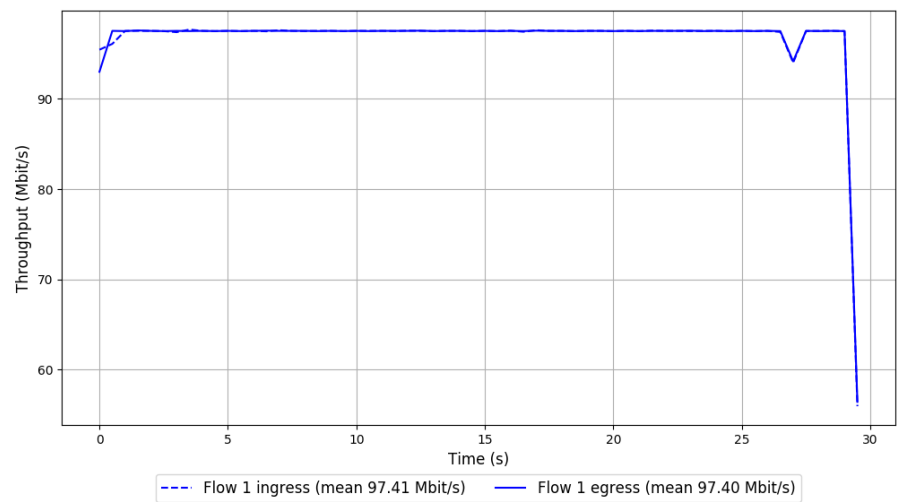


Run 3: Statistics of Indigo-1-32

Start at: 2018-04-10 13:04:07
End at: 2018-04-10 13:04:37
Local clock offset: -7.468 ms
Remote clock offset: -7.609 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 5.299 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 5.299 ms
Loss rate: 0.00%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-04-10 13:24:23

End at: 2018-04-10 13:24:53

Local clock offset: -5.748 ms

Remote clock offset: -5.368 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 4.604 ms

Loss rate: 0.00%

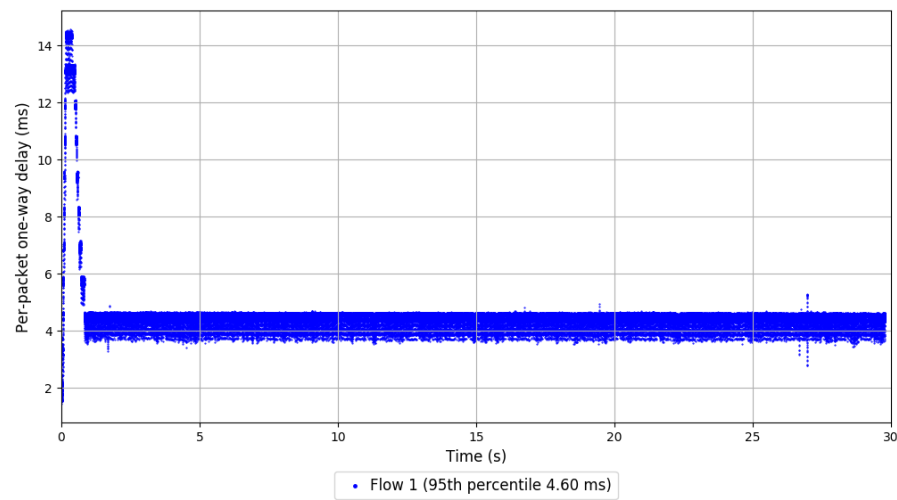
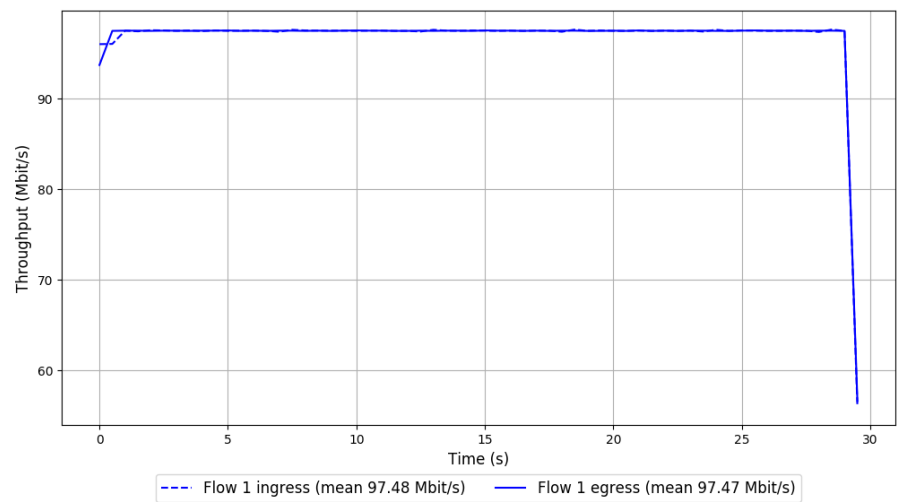
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 4.604 ms

Loss rate: 0.00%

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

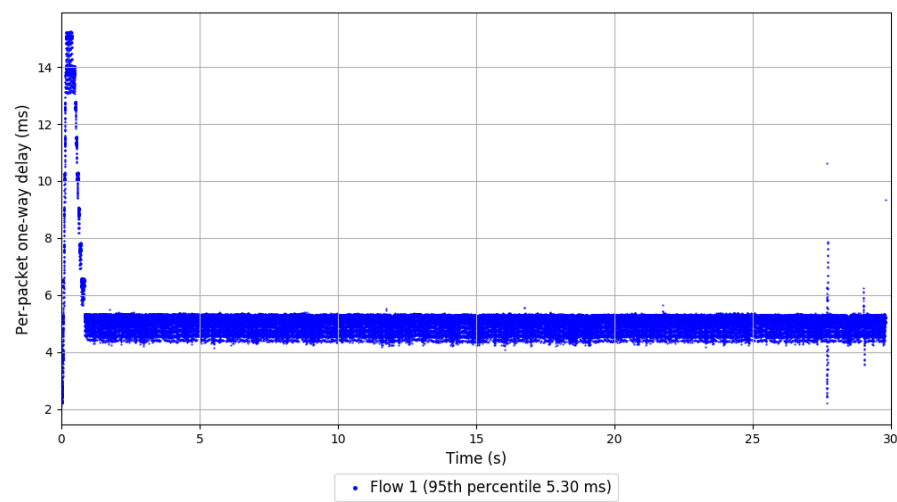
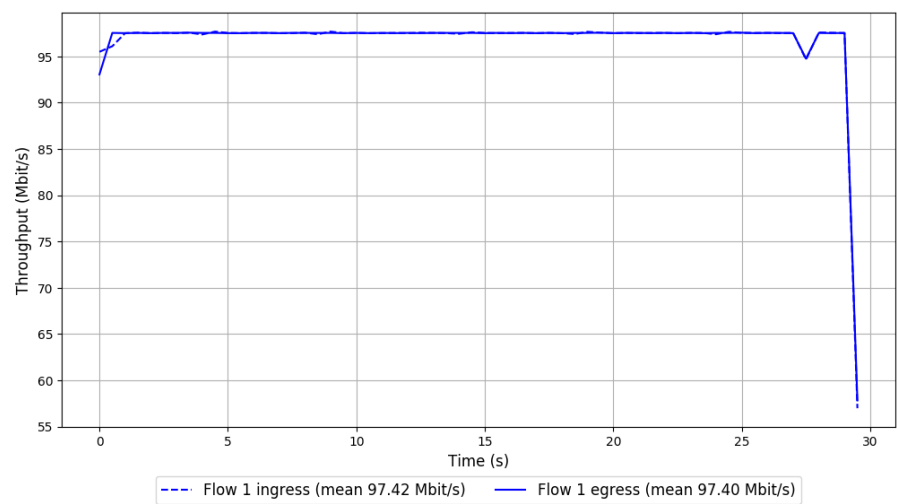


Run 5: Statistics of Indigo-1-32

Start at: 2018-04-10 13:44:40
End at: 2018-04-10 13:45:10
Local clock offset: -6.861 ms
Remote clock offset: -4.515 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 5.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 5.298 ms
Loss rate: 0.00%

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

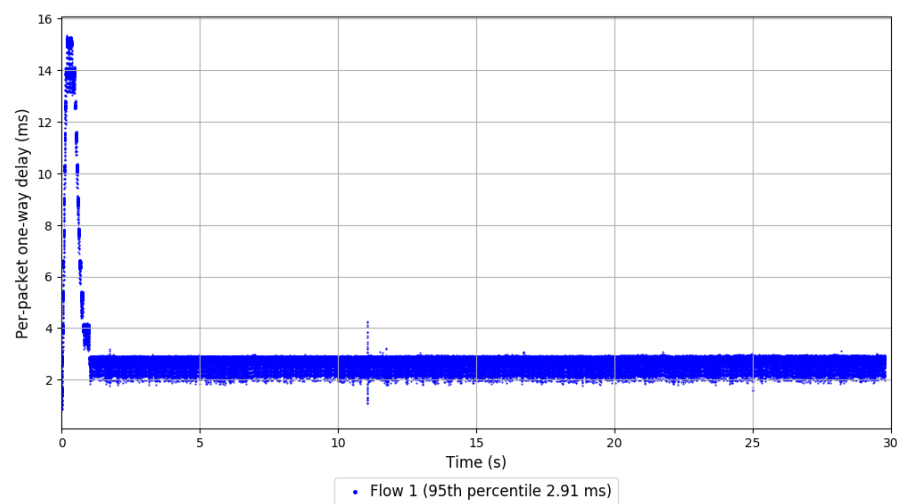
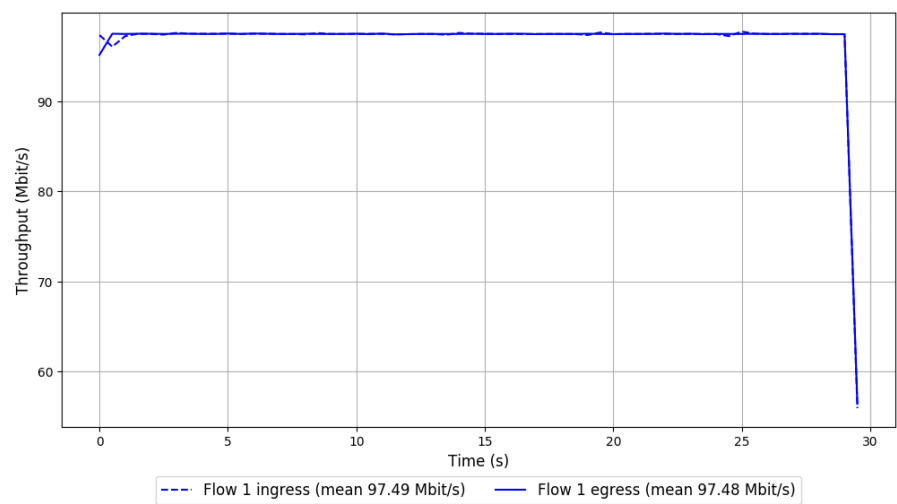


Run 6: Statistics of Indigo-1-32

Start at: 2018-04-10 14:04:55
End at: 2018-04-10 14:05:26
Local clock offset: -7.158 ms
Remote clock offset: -7.547 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 2.907 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 2.907 ms
Loss rate: 0.00%

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

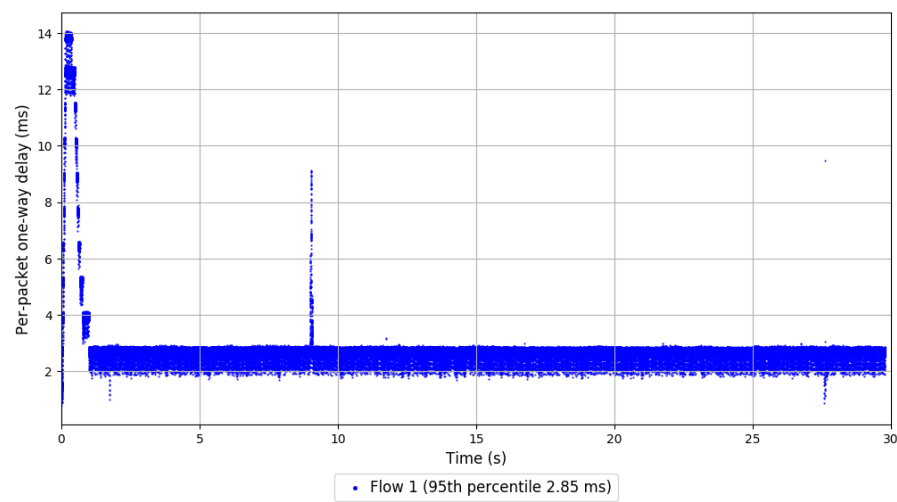
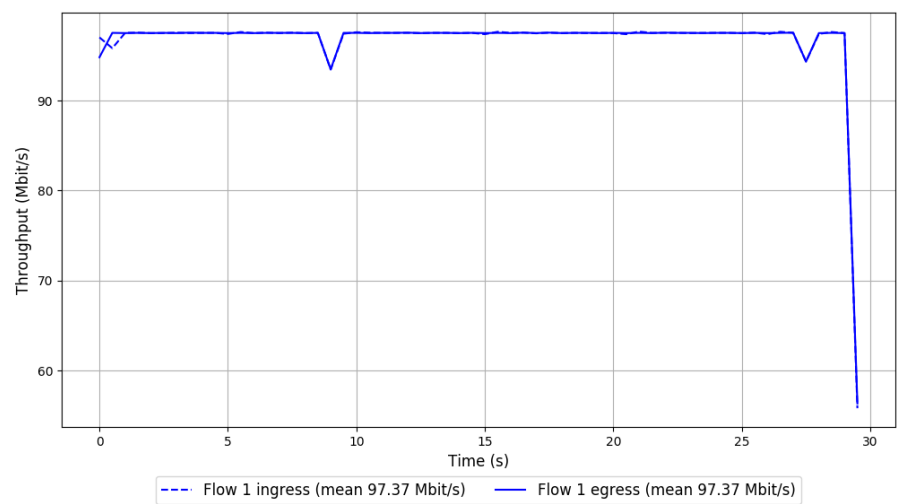


Run 7: Statistics of Indigo-1-32

Start at: 2018-04-10 14:25:12
End at: 2018-04-10 14:25:42
Local clock offset: -6.495 ms
Remote clock offset: -7.841 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 2.847 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 2.847 ms
Loss rate: 0.00%

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

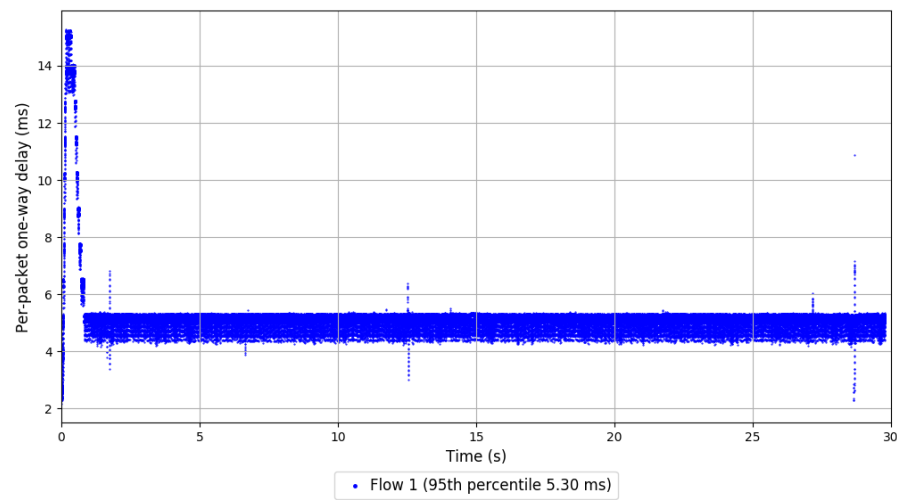
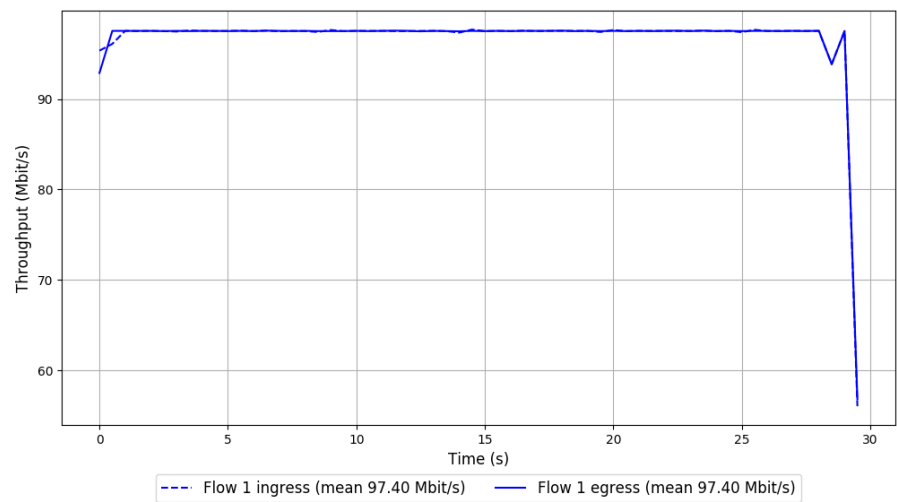


Run 8: Statistics of Indigo-1-32

Start at: 2018-04-10 14:45:30
End at: 2018-04-10 14:46:00
Local clock offset: -6.075 ms
Remote clock offset: -7.463 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 5.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 5.298 ms
Loss rate: 0.00%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-04-10 15:05:45

End at: 2018-04-10 15:06:15

Local clock offset: -6.059 ms

Remote clock offset: 1.494 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 5.096 ms

Loss rate: 0.00%

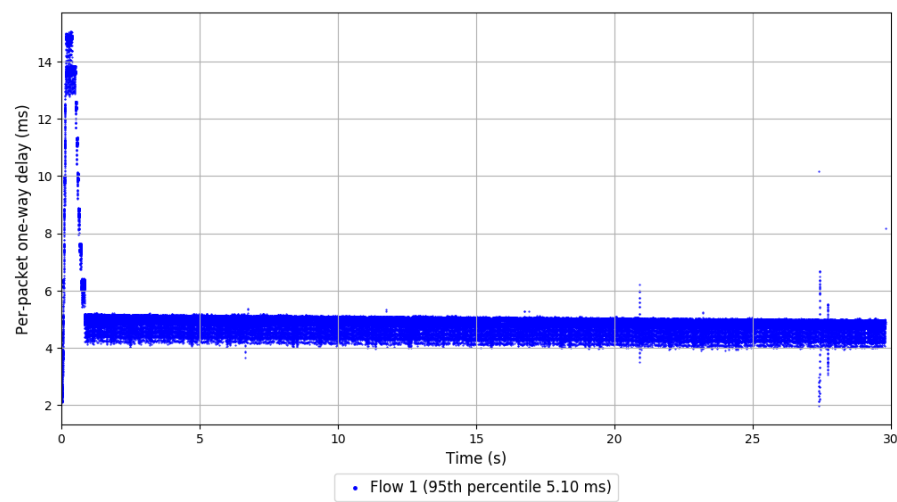
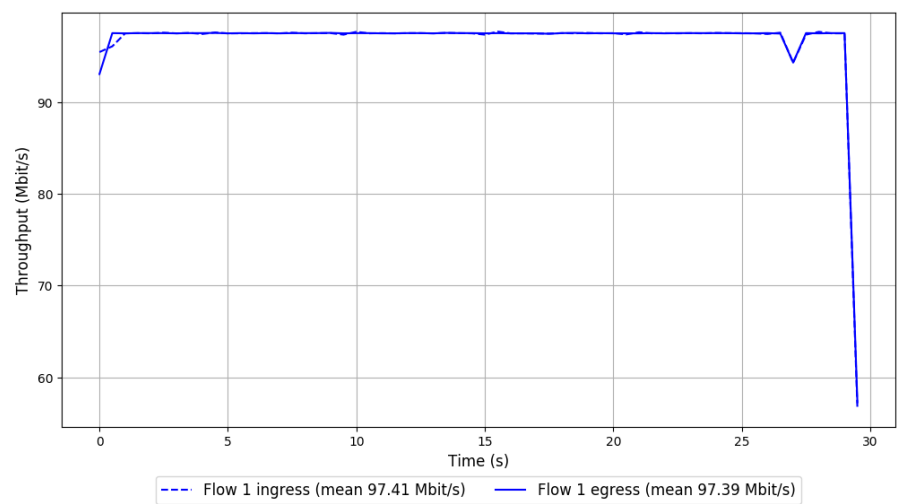
-- Flow 1:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 5.096 ms

Loss rate: 0.00%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-04-10 15:26:17

End at: 2018-04-10 15:26:47

Local clock offset: -6.327 ms

Remote clock offset: 6.546 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 5.298 ms

Loss rate: 0.00%

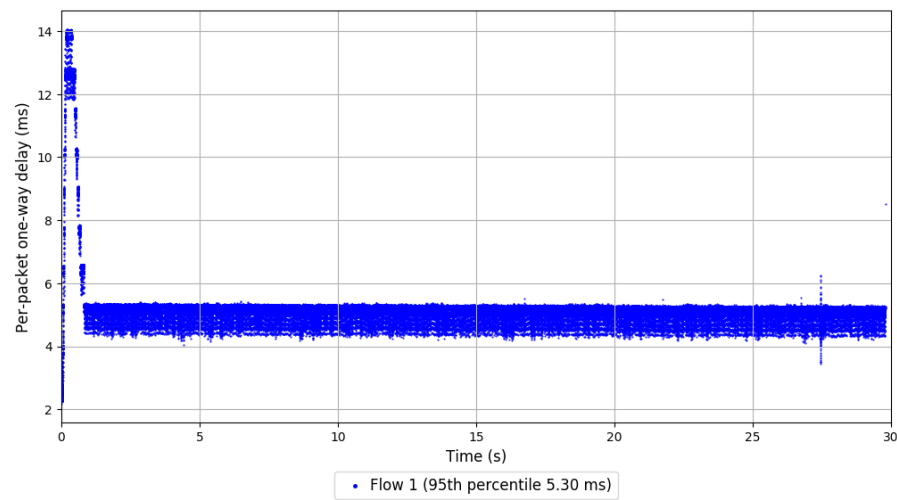
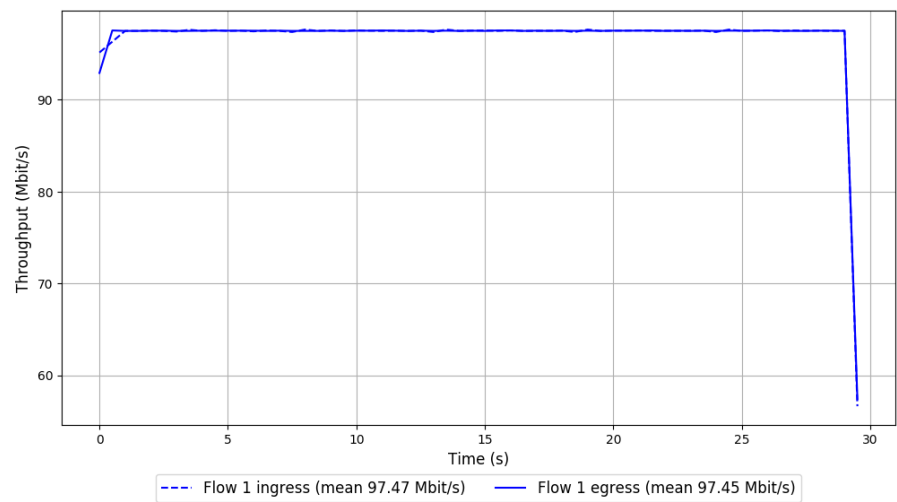
-- Flow 1:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 5.298 ms

Loss rate: 0.00%

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



Run 1: Statistics of Vivace-latency

Start at: 2018-04-10 12:29:08

End at: 2018-04-10 12:29:38

Local clock offset: -7.908 ms

Remote clock offset: -7.85 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.96 Mbit/s

95th percentile per-packet one-way delay: 1.200 ms

Loss rate: 0.00%

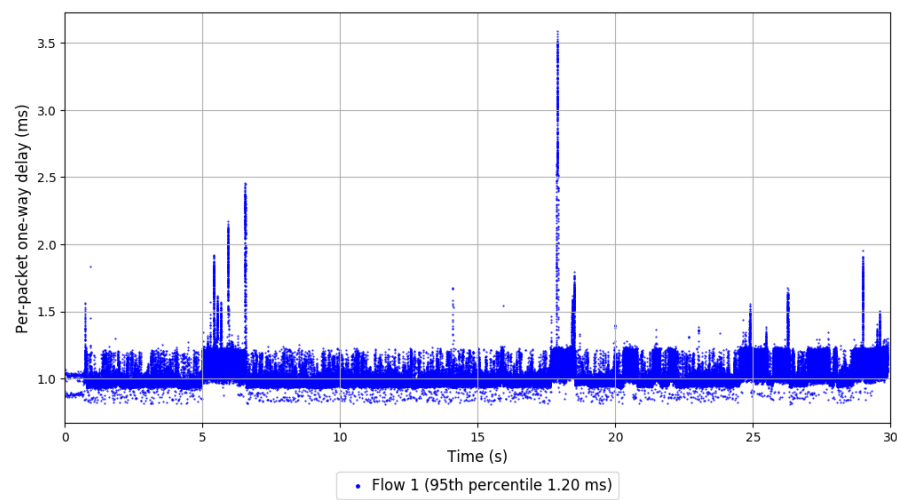
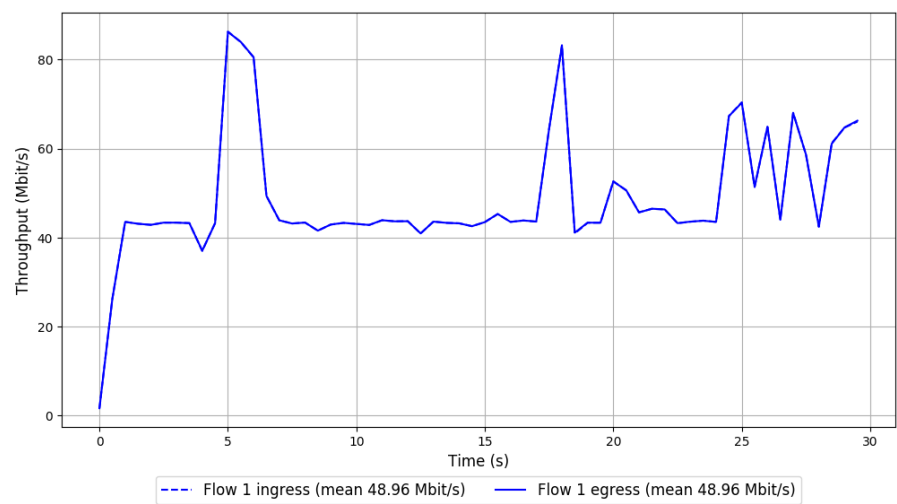
-- Flow 1:

Average throughput: 48.96 Mbit/s

95th percentile per-packet one-way delay: 1.200 ms

Loss rate: 0.00%

Run 1: Report of Vivace-latency — Data Link

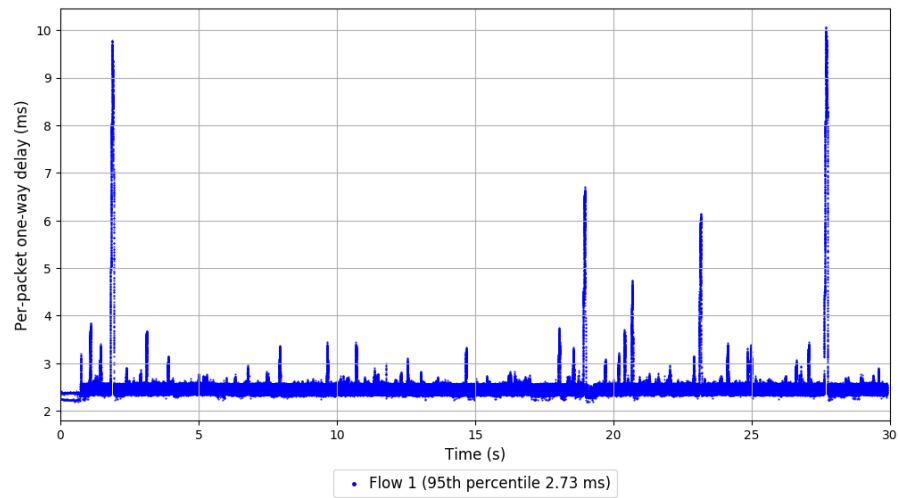
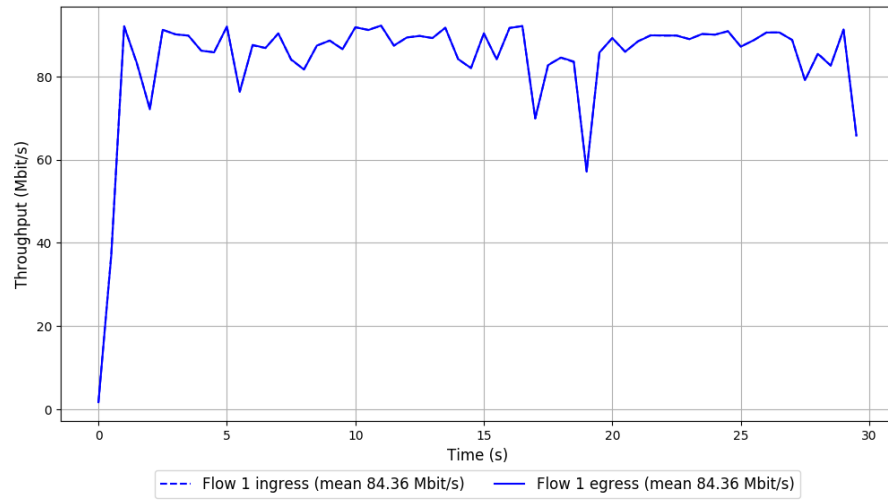


Run 2: Statistics of Vivace-latency

Start at: 2018-04-10 12:49:23
End at: 2018-04-10 12:49:53
Local clock offset: -7.71 ms
Remote clock offset: -7.618 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.36 Mbit/s
95th percentile per-packet one-way delay: 2.734 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.36 Mbit/s
95th percentile per-packet one-way delay: 2.734 ms
Loss rate: 0.00%

Run 2: Report of Vivace-latency — Data Link

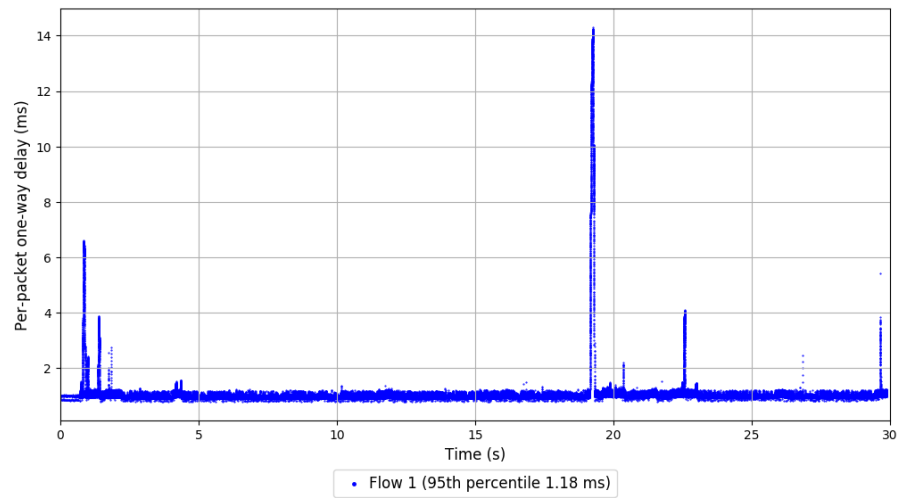
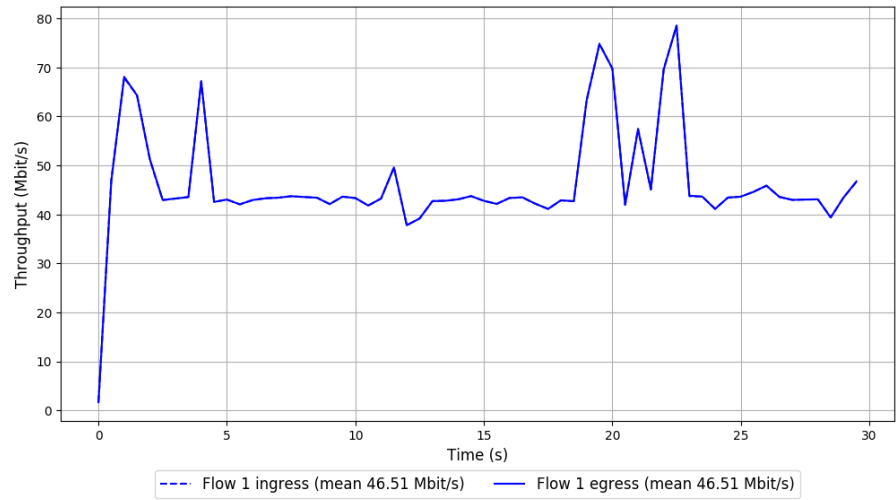


Run 3: Statistics of Vivace-latency

Start at: 2018-04-10 13:09:43
End at: 2018-04-10 13:10:13
Local clock offset: -7.07 ms
Remote clock offset: -7.536 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.51 Mbit/s
95th percentile per-packet one-way delay: 1.180 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.51 Mbit/s
95th percentile per-packet one-way delay: 1.180 ms
Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link

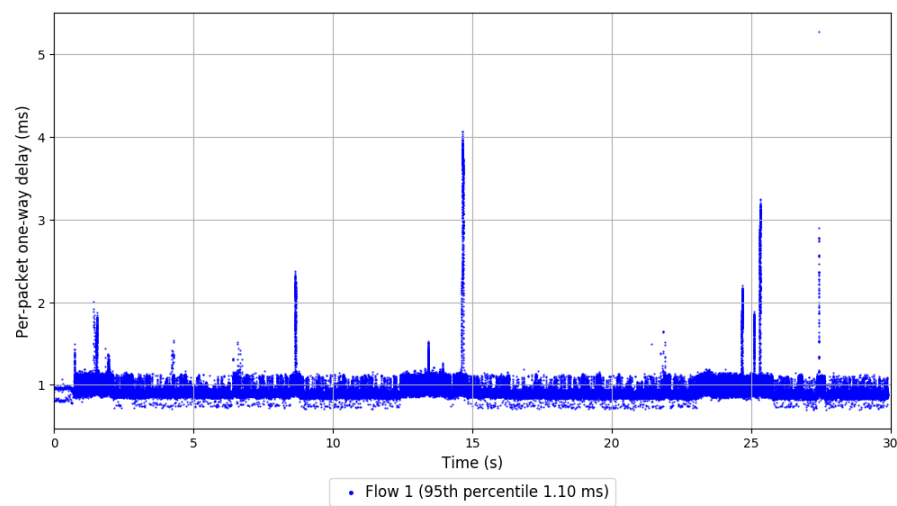
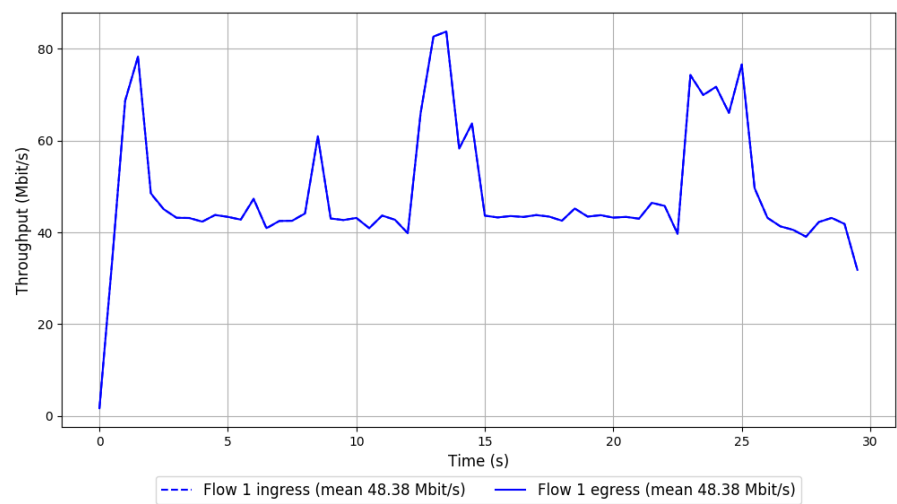


Run 4: Statistics of Vivace-latency

Start at: 2018-04-10 13:29:59
End at: 2018-04-10 13:30:29
Local clock offset: -6.482 ms
Remote clock offset: -5.055 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.38 Mbit/s
95th percentile per-packet one-way delay: 1.099 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.38 Mbit/s
95th percentile per-packet one-way delay: 1.099 ms
Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link

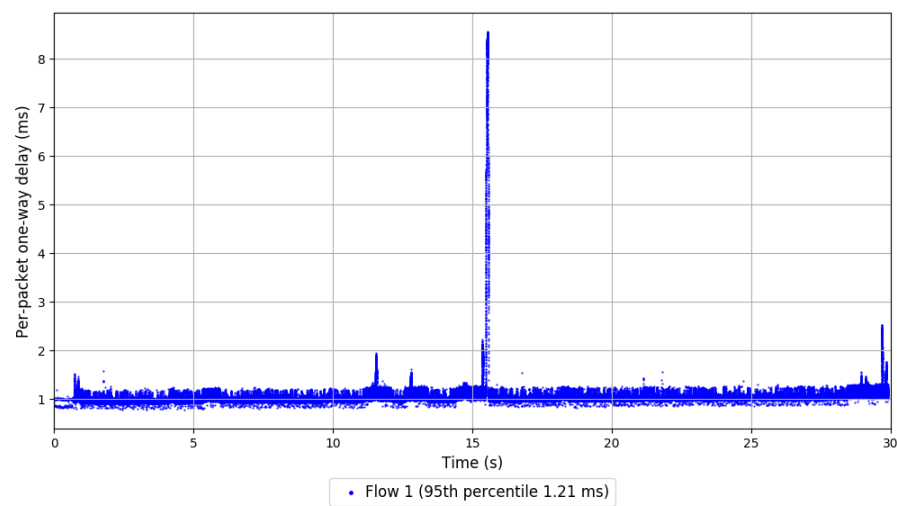
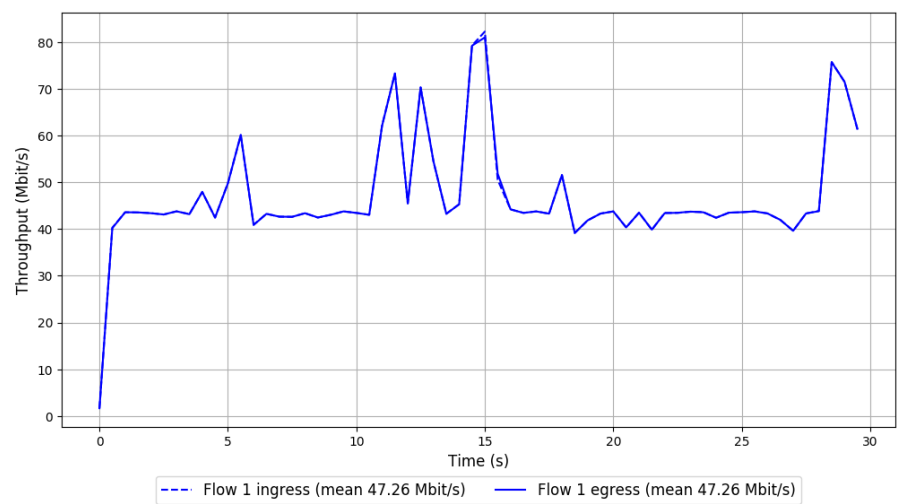


Run 5: Statistics of Vivace-latency

Start at: 2018-04-10 13:50:14
End at: 2018-04-10 13:50:44
Local clock offset: -7.022 ms
Remote clock offset: -5.716 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.26 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.26 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link

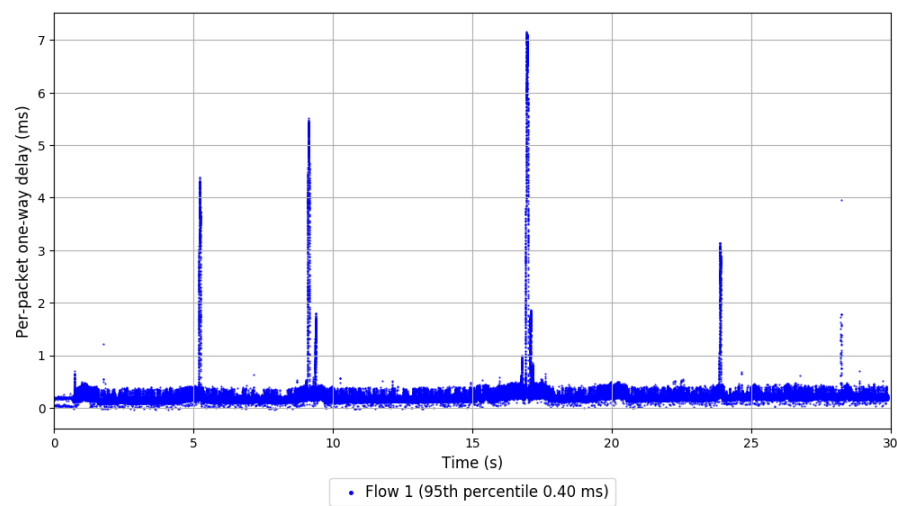
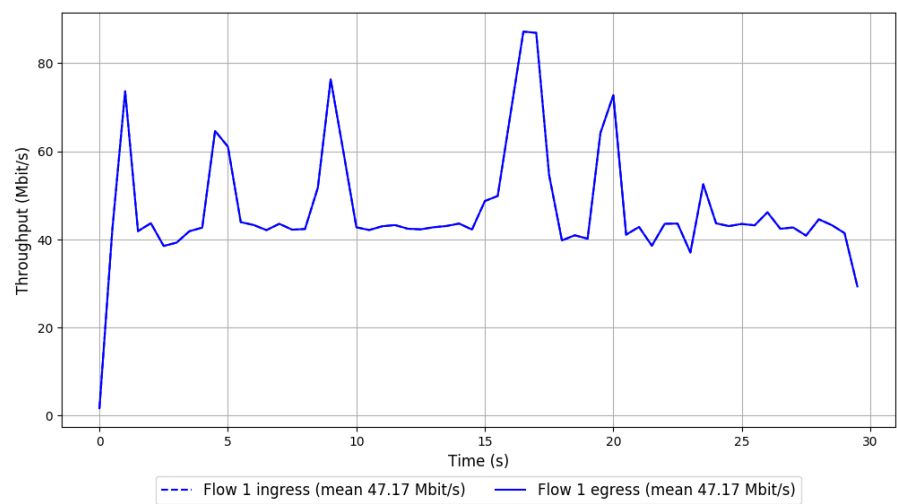


Run 6: Statistics of Vivace-latency

Start at: 2018-04-10 14:10:31
End at: 2018-04-10 14:11:01
Local clock offset: -6.462 ms
Remote clock offset: -7.881 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.17 Mbit/s
95th percentile per-packet one-way delay: 0.396 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.17 Mbit/s
95th percentile per-packet one-way delay: 0.396 ms
Loss rate: 0.00%

Run 6: Report of Vivace-latency — Data Link

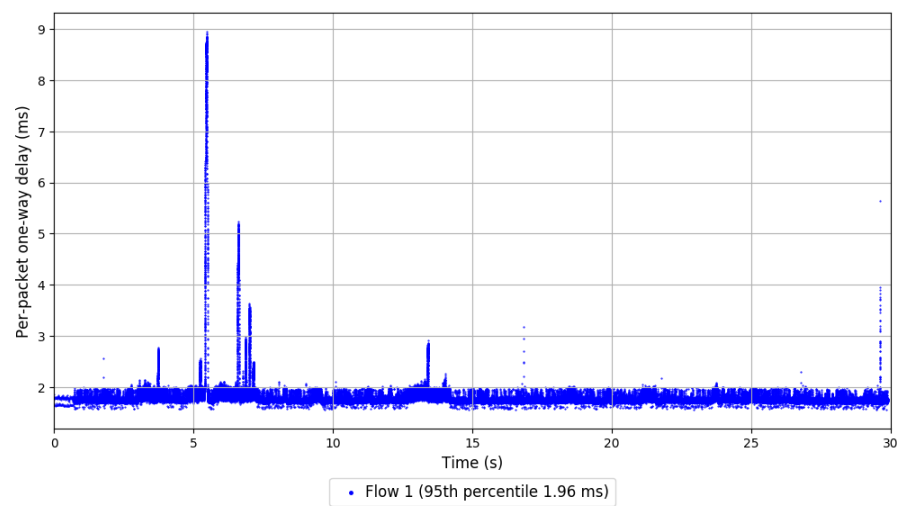
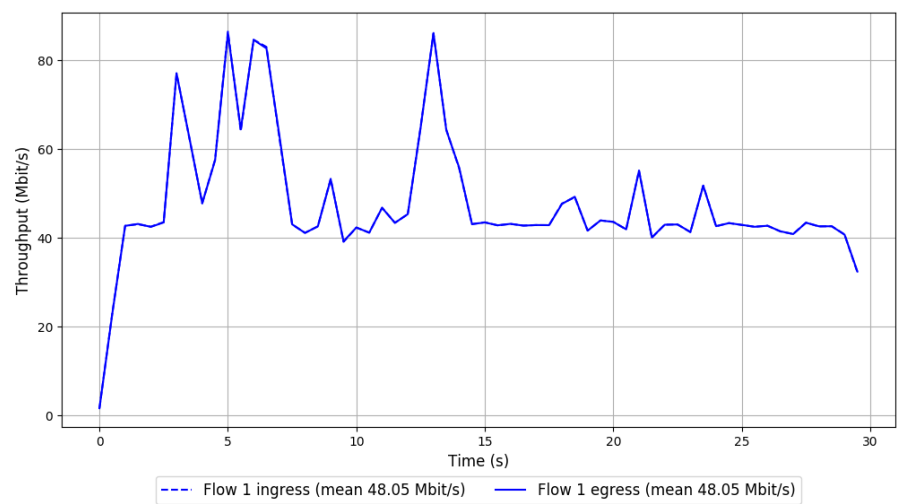


Run 7: Statistics of Vivace-latency

Start at: 2018-04-10 14:30:48
End at: 2018-04-10 14:31:18
Local clock offset: -7.138 ms
Remote clock offset: -7.526 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.05 Mbit/s
95th percentile per-packet one-way delay: 1.960 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.05 Mbit/s
95th percentile per-packet one-way delay: 1.960 ms
Loss rate: 0.00%

Run 7: Report of Vivace-latency — Data Link

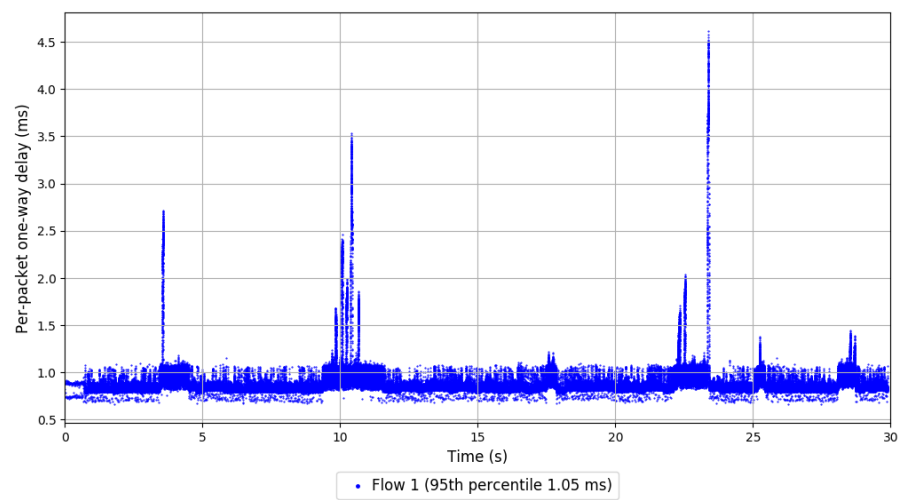
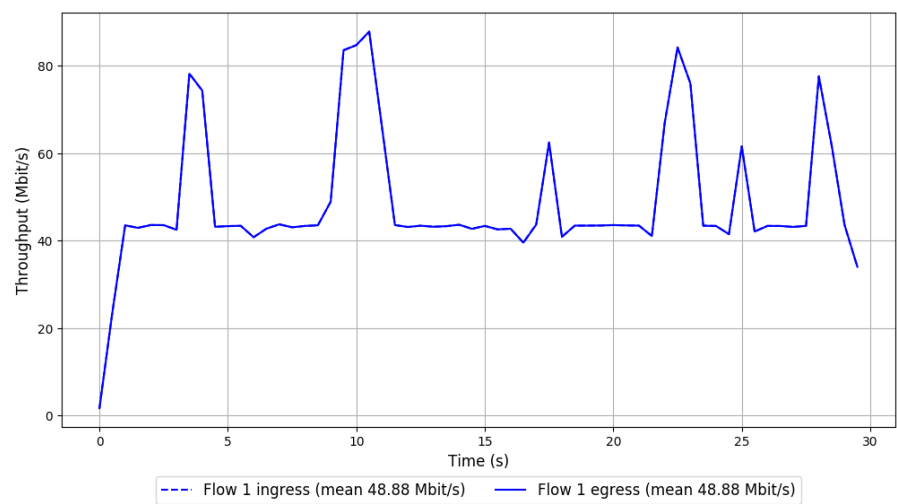


Run 8: Statistics of Vivace-latency

Start at: 2018-04-10 14:51:05
End at: 2018-04-10 14:51:35
Local clock offset: -6.115 ms
Remote clock offset: -7.474 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.88 Mbit/s
95th percentile per-packet one-way delay: 1.055 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.88 Mbit/s
95th percentile per-packet one-way delay: 1.055 ms
Loss rate: 0.00%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-04-10 15:11:21

End at: 2018-04-10 15:11:51

Local clock offset: -5.277 ms

Remote clock offset: 3.533 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.81 Mbit/s

95th percentile per-packet one-way delay: 0.731 ms

Loss rate: 0.00%

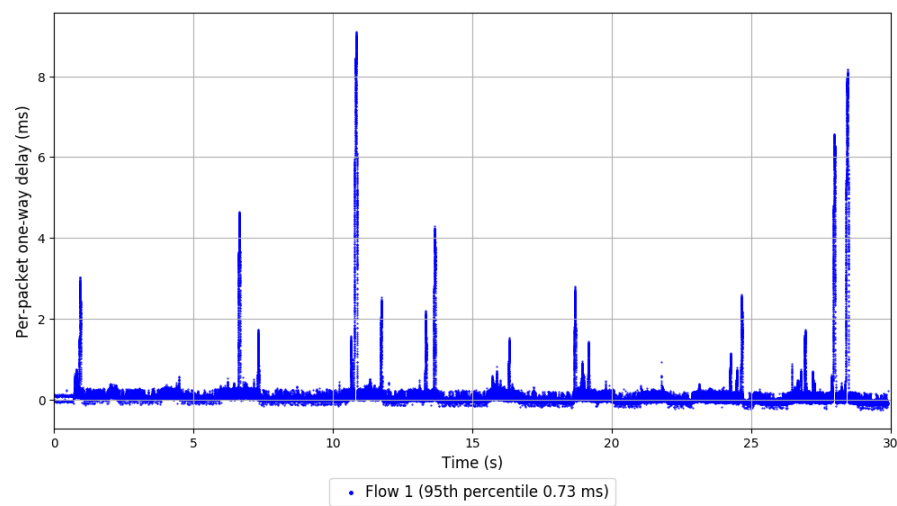
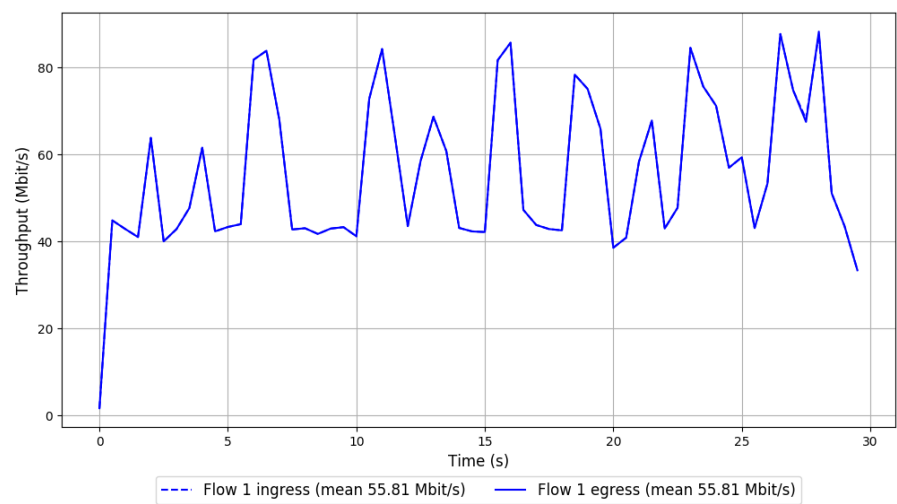
-- Flow 1:

Average throughput: 55.81 Mbit/s

95th percentile per-packet one-way delay: 0.731 ms

Loss rate: 0.00%

Run 9: Report of Vivace-latency — Data Link



Run 10: Statistics of Vivace-latency

Start at: 2018-04-10 15:31:52

End at: 2018-04-10 15:32:22

Local clock offset: -7.294 ms

Remote clock offset: 7.941 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.94 Mbit/s

95th percentile per-packet one-way delay: 1.796 ms

Loss rate: 0.00%

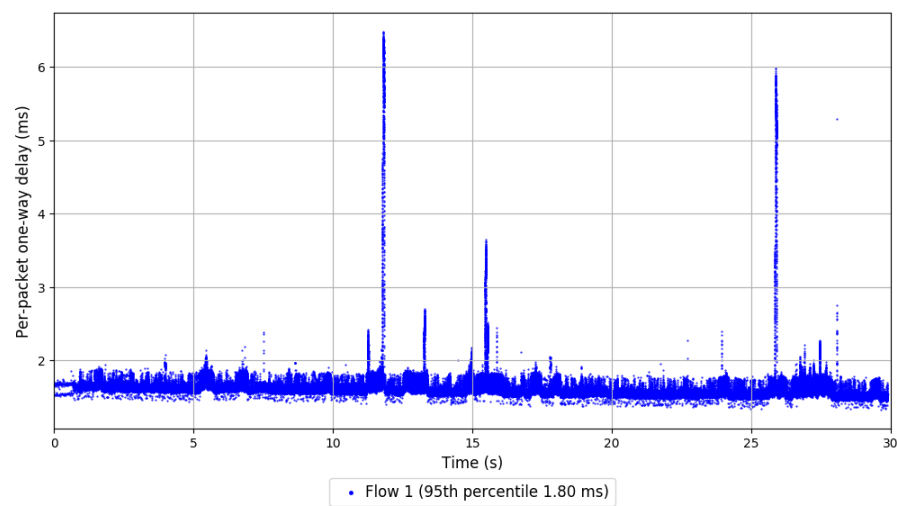
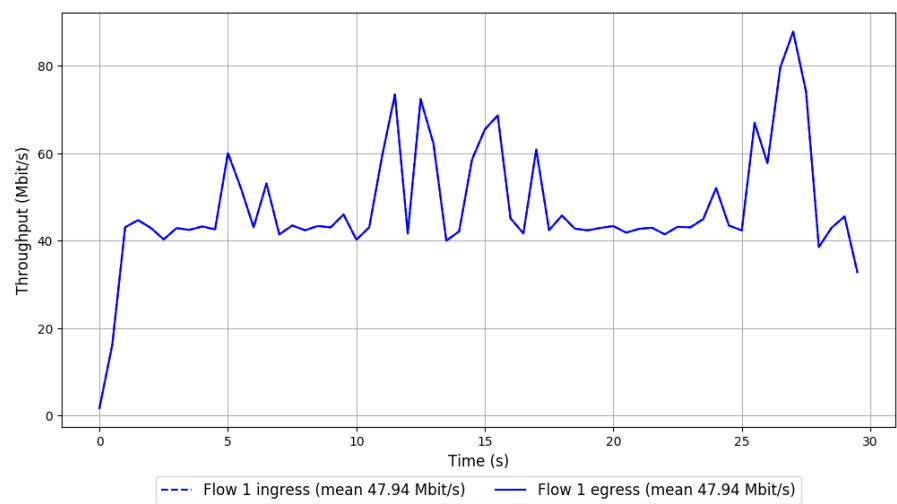
-- Flow 1:

Average throughput: 47.94 Mbit/s

95th percentile per-packet one-way delay: 1.796 ms

Loss rate: 0.00%

Run 10: Report of Vivace-latency — Data Link

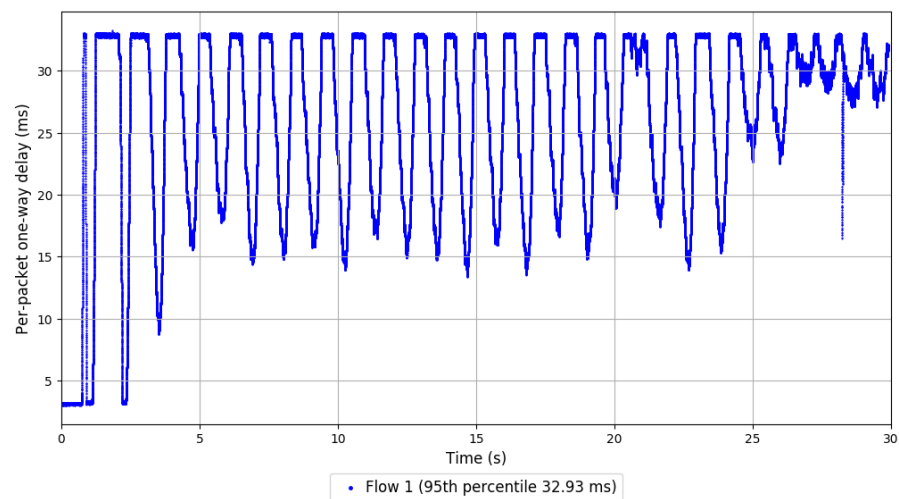
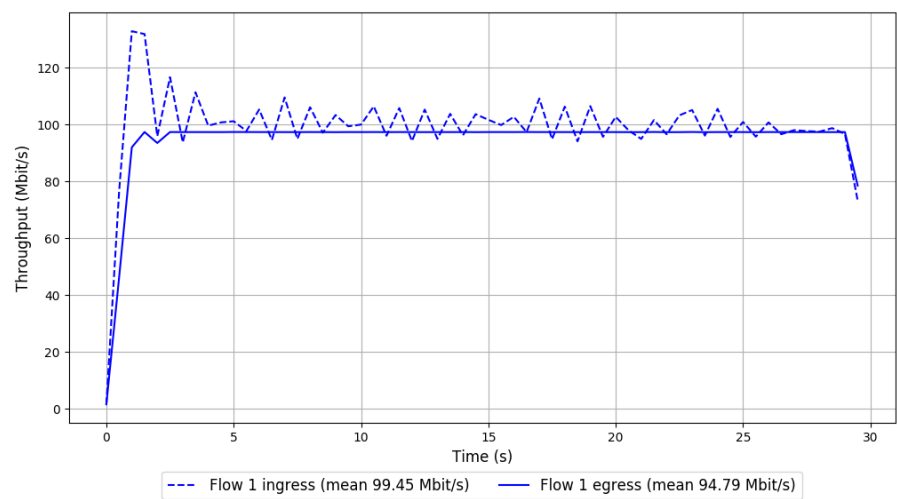


```
Run 1: Statistics of Vivace-loss

Start at: 2018-04-10 12:24:45
End at: 2018-04-10 12:25:15
Local clock offset: -8.624 ms
Remote clock offset: -7.856 ms

# Below is generated by plot.py at 2018-04-10 16:43:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.79 Mbit/s
95th percentile per-packet one-way delay: 32.934 ms
Loss rate: 4.60%
-- Flow 1:
Average throughput: 94.79 Mbit/s
95th percentile per-packet one-way delay: 32.934 ms
Loss rate: 4.60%
```

Run 1: Report of Vivace-loss — Data Link

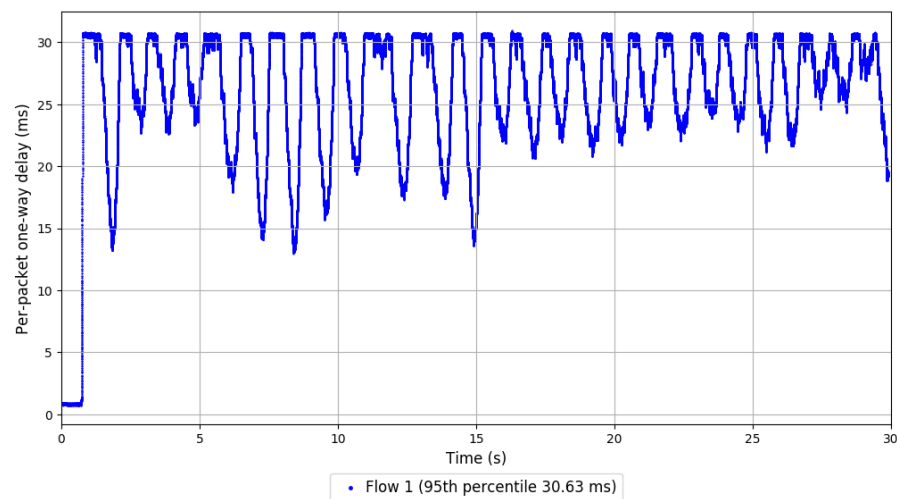
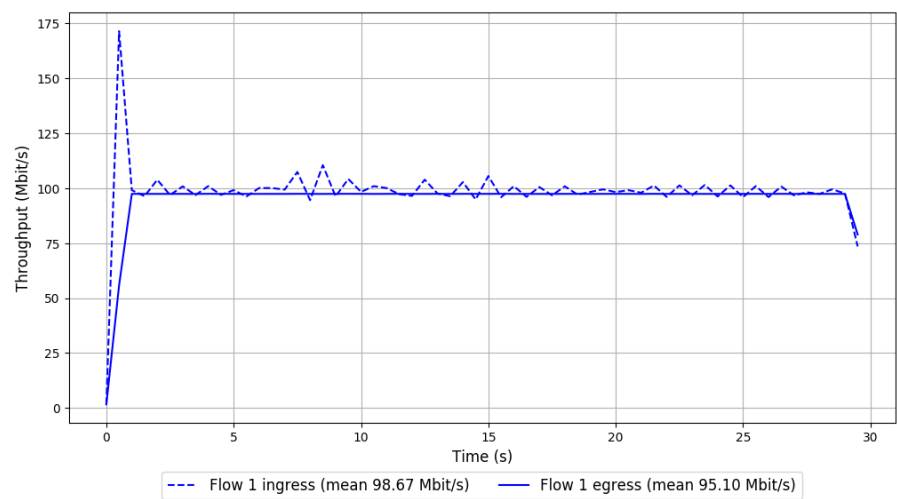


Run 2: Statistics of Vivace-loss

Start at: 2018-04-10 12:44:57
End at: 2018-04-10 12:45:27
Local clock offset: -7.691 ms
Remote clock offset: -7.671 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.10 Mbit/s
95th percentile per-packet one-way delay: 30.629 ms
Loss rate: 3.56%
-- Flow 1:
Average throughput: 95.10 Mbit/s
95th percentile per-packet one-way delay: 30.629 ms
Loss rate: 3.56%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-04-10 13:05:16

End at: 2018-04-10 13:05:46

Local clock offset: -7.394 ms

Remote clock offset: -7.537 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.93 Mbit/s

95th percentile per-packet one-way delay: 30.747 ms

Loss rate: 5.26%

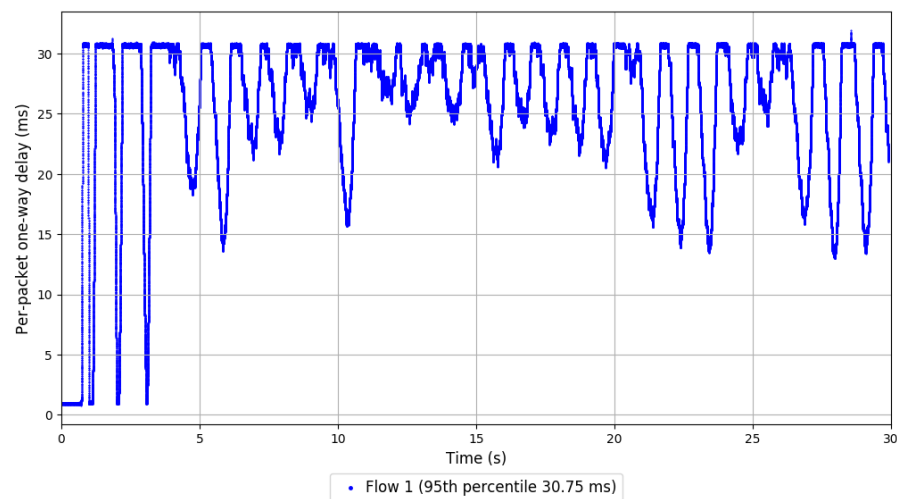
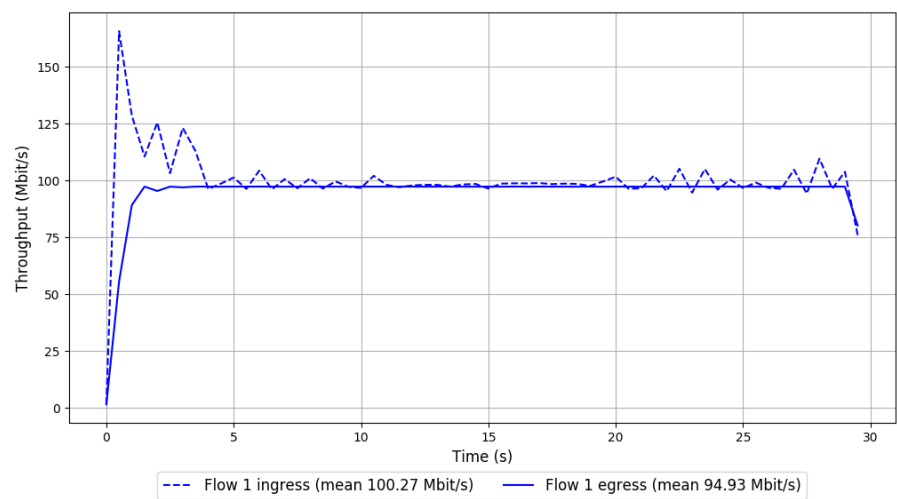
-- Flow 1:

Average throughput: 94.93 Mbit/s

95th percentile per-packet one-way delay: 30.747 ms

Loss rate: 5.26%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-04-10 13:25:32

End at: 2018-04-10 13:26:02

Local clock offset: -6.482 ms

Remote clock offset: -5.344 ms

Below is generated by plot.py at 2018-04-10 16:43:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.08 Mbit/s

95th percentile per-packet one-way delay: 32.021 ms

Loss rate: 2.11%

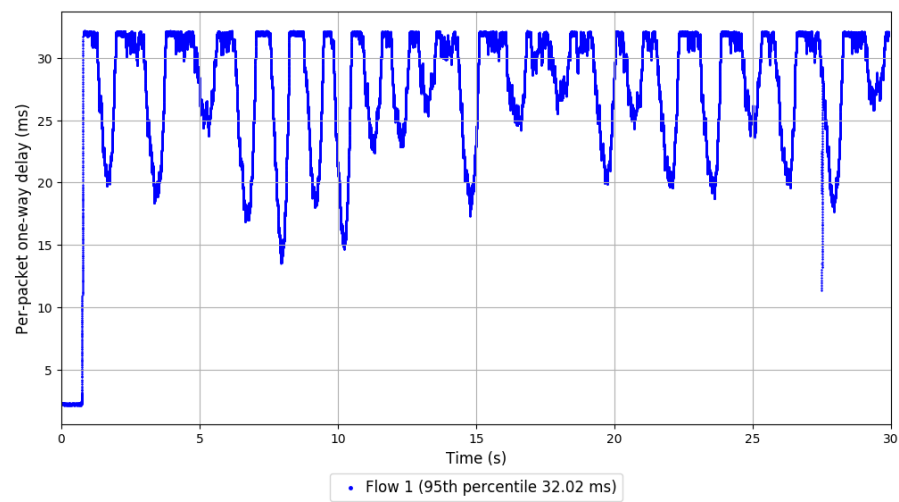
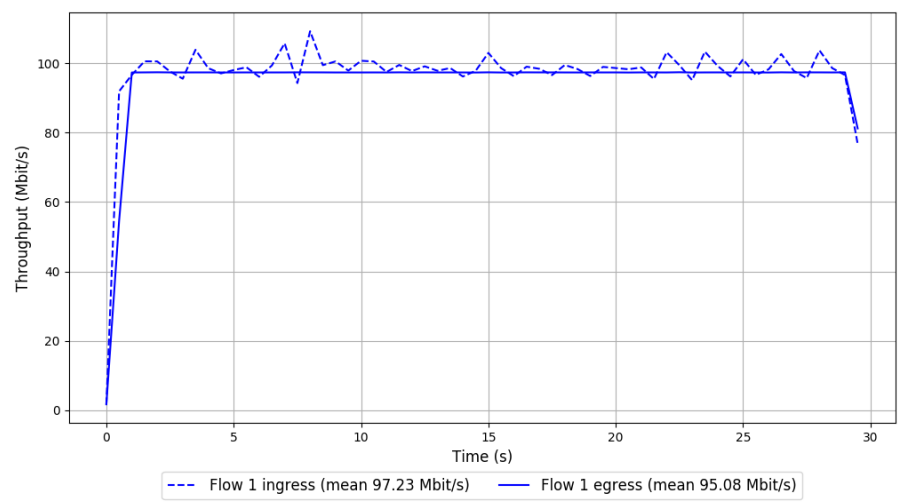
-- Flow 1:

Average throughput: 95.08 Mbit/s

95th percentile per-packet one-way delay: 32.021 ms

Loss rate: 2.11%

Run 4: Report of Vivace-loss — Data Link

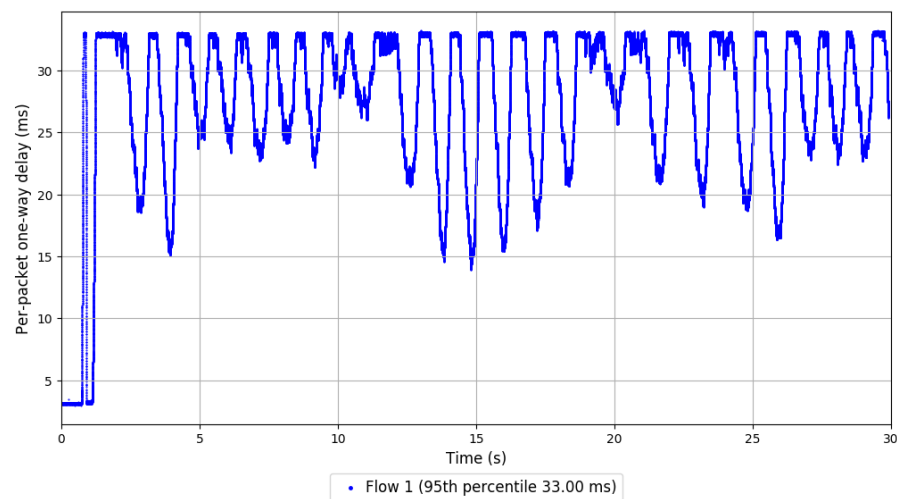
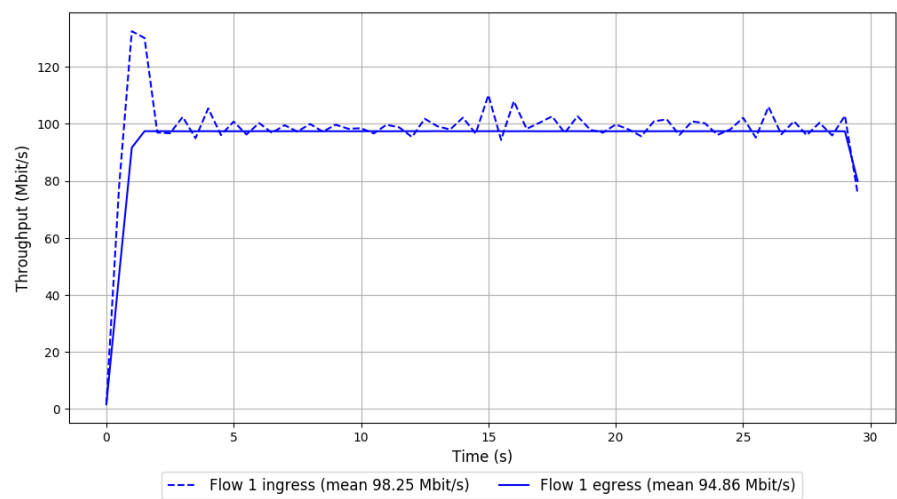


Run 5: Statistics of Vivace-loss

Start at: 2018-04-10 13:45:49
End at: 2018-04-10 13:46:19
Local clock offset: -7.705 ms
Remote clock offset: -4.604 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.86 Mbit/s
95th percentile per-packet one-way delay: 32.996 ms
Loss rate: 3.38%
-- Flow 1:
Average throughput: 94.86 Mbit/s
95th percentile per-packet one-way delay: 32.996 ms
Loss rate: 3.38%

Run 5: Report of Vivace-loss — Data Link

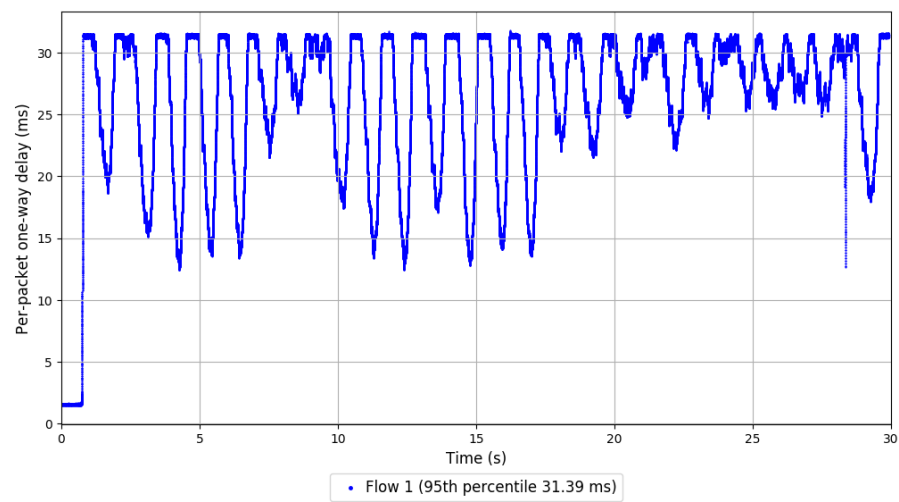
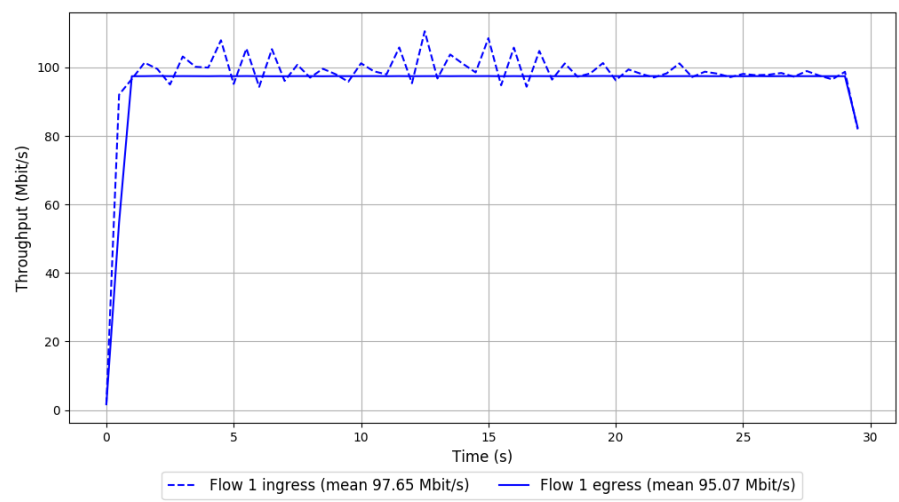


Run 6: Statistics of Vivace-loss

Start at: 2018-04-10 14:06:05
End at: 2018-04-10 14:06:35
Local clock offset: -6.428 ms
Remote clock offset: -7.598 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 31.394 ms
Loss rate: 2.55%
-- Flow 1:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 31.394 ms
Loss rate: 2.55%

Run 6: Report of Vivace-loss — Data Link

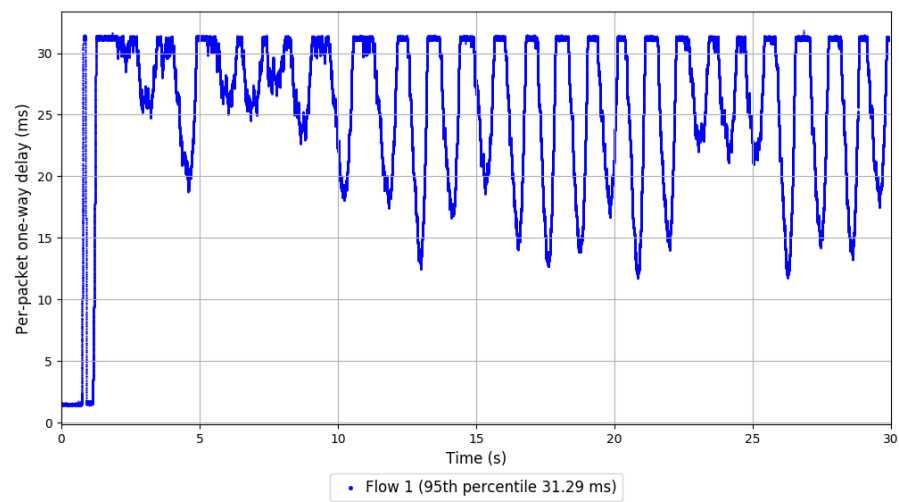
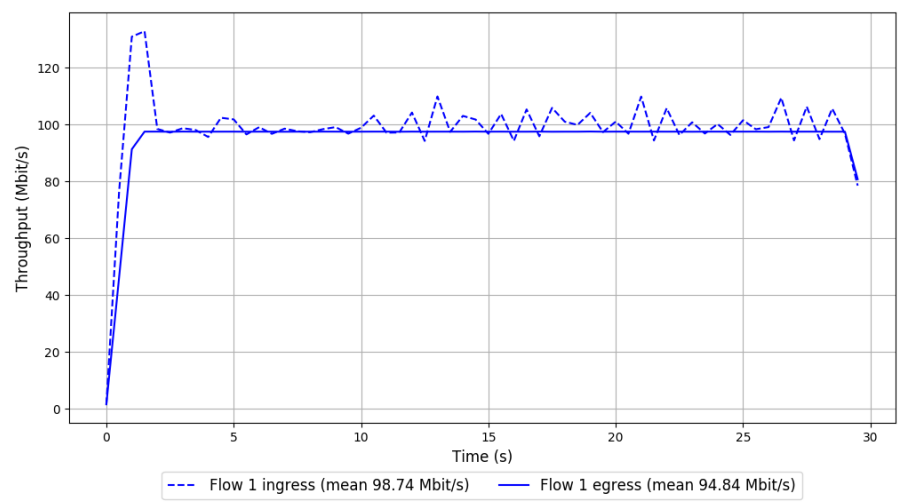


Run 7: Statistics of Vivace-loss

Start at: 2018-04-10 14:26:21
End at: 2018-04-10 14:26:52
Local clock offset: -5.621 ms
Remote clock offset: -7.769 ms

Below is generated by plot.py at 2018-04-10 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.84 Mbit/s
95th percentile per-packet one-way delay: 31.290 ms
Loss rate: 3.86%
-- Flow 1:
Average throughput: 94.84 Mbit/s
95th percentile per-packet one-way delay: 31.290 ms
Loss rate: 3.86%

Run 7: Report of Vivace-loss — Data Link

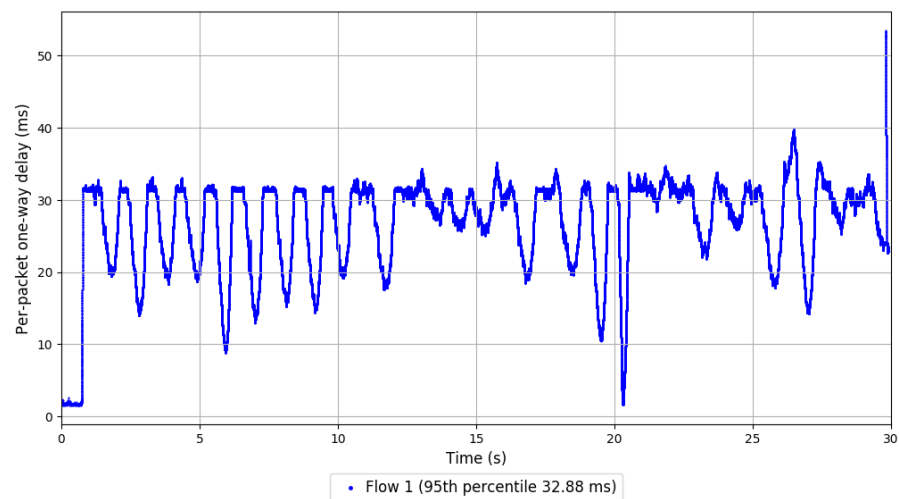
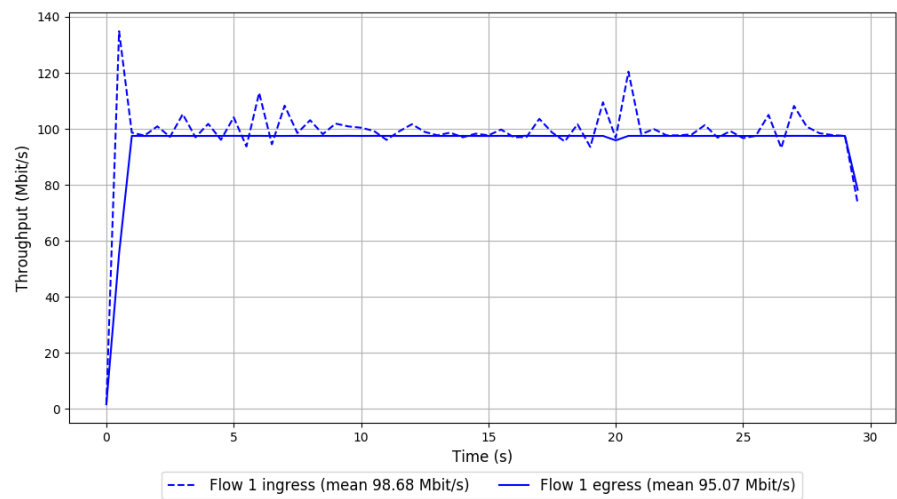


Run 8: Statistics of Vivace-loss

Start at: 2018-04-10 14:46:39
End at: 2018-04-10 14:47:09
Local clock offset: -6.904 ms
Remote clock offset: -7.506 ms

Below is generated by plot.py at 2018-04-10 16:44:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 32.880 ms
Loss rate: 3.59%
-- Flow 1:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 32.880 ms
Loss rate: 3.59%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-04-10 15:06:55

End at: 2018-04-10 15:07:25

Local clock offset: -6.061 ms

Remote clock offset: 2.068 ms

Below is generated by plot.py at 2018-04-10 16:44:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.79 Mbit/s

95th percentile per-packet one-way delay: 31.993 ms

Loss rate: 3.26%

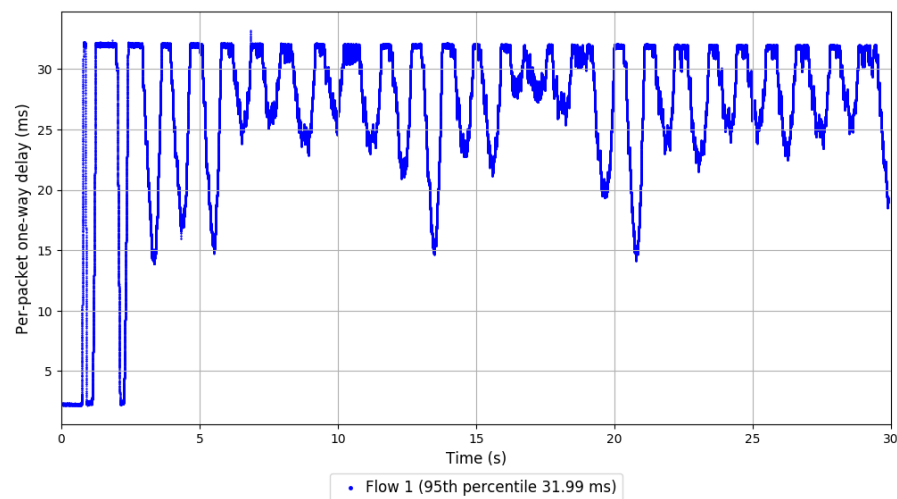
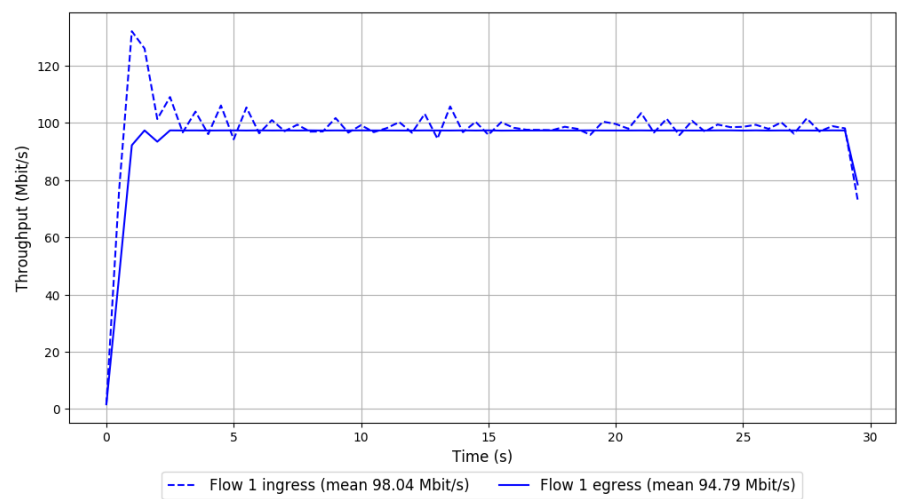
-- Flow 1:

Average throughput: 94.79 Mbit/s

95th percentile per-packet one-way delay: 31.993 ms

Loss rate: 3.26%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-04-10 15:27:26

End at: 2018-04-10 15:27:56

Local clock offset: -6.34 ms

Remote clock offset: 6.746 ms

Below is generated by plot.py at 2018-04-10 16:44:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.10 Mbit/s

95th percentile per-packet one-way delay: 30.643 ms

Loss rate: 4.91%

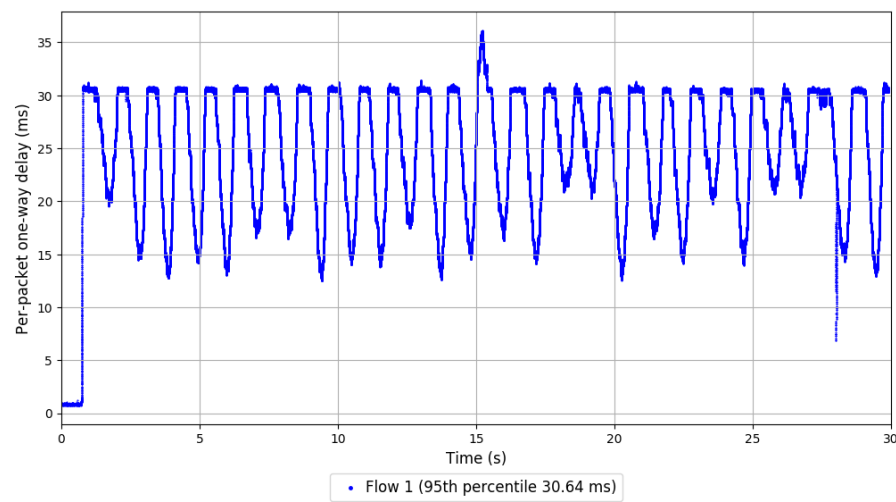
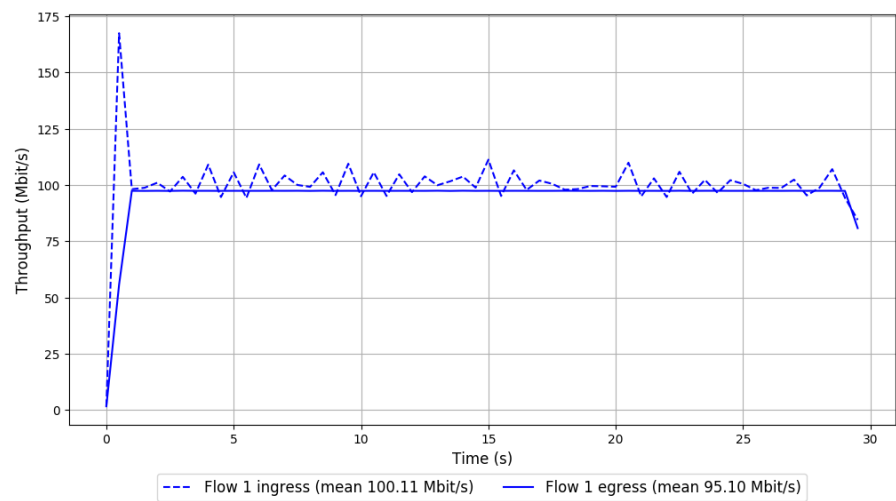
-- Flow 1:

Average throughput: 95.10 Mbit/s

95th percentile per-packet one-way delay: 30.643 ms

Loss rate: 4.91%

Run 10: Report of Vivace-loss — Data Link

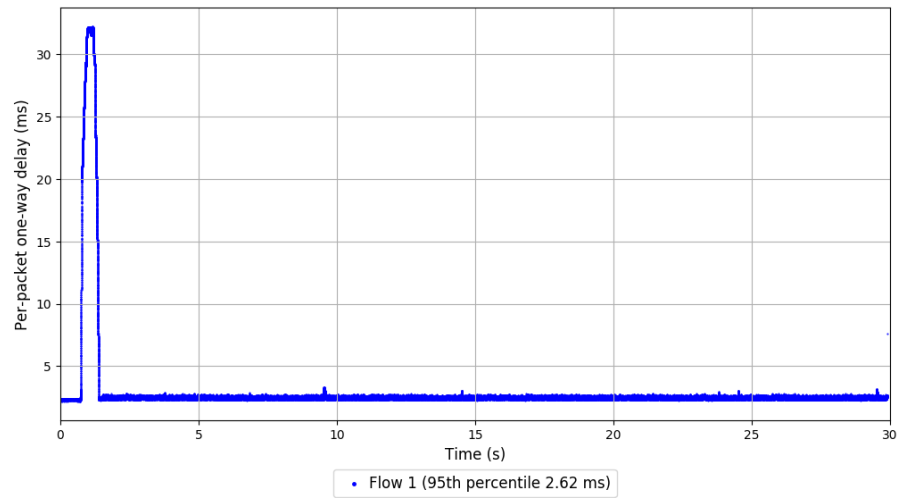
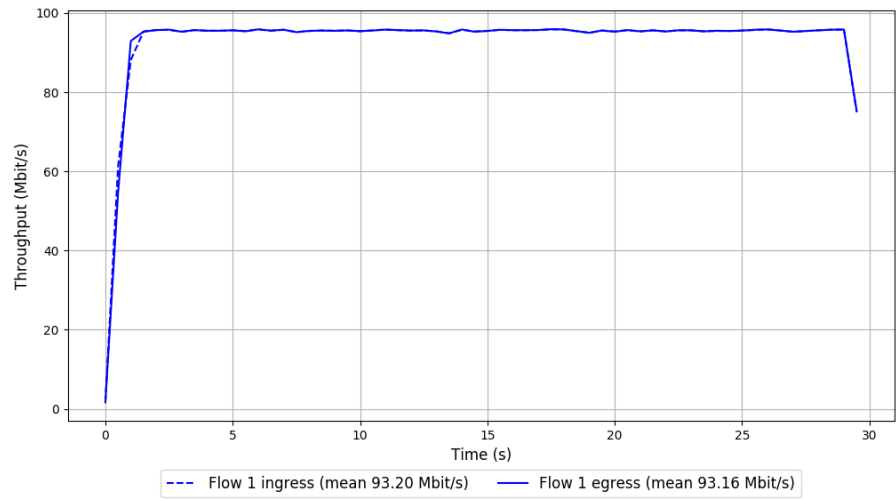


Run 1: Statistics of Vivace-LTE

Start at: 2018-04-10 12:42:38
End at: 2018-04-10 12:43:08
Local clock offset: -7.689 ms
Remote clock offset: -7.728 ms

Below is generated by plot.py at 2018-04-10 16:44:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.16 Mbit/s
95th percentile per-packet one-way delay: 2.625 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 93.16 Mbit/s
95th percentile per-packet one-way delay: 2.625 ms
Loss rate: 0.03%

Run 1: Report of Vivace-LTE — Data Link

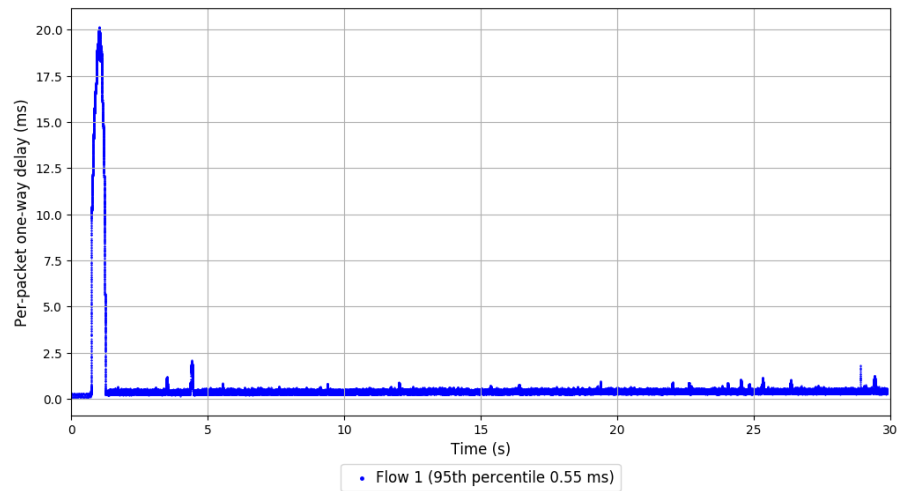
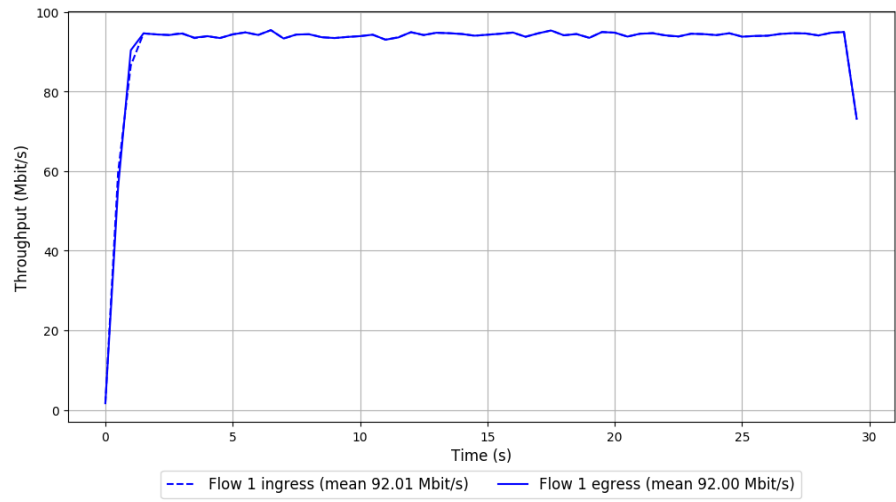


Run 2: Statistics of Vivace-LTE

Start at: 2018-04-10 13:02:58
End at: 2018-04-10 13:03:28
Local clock offset: -6.908 ms
Remote clock offset: -7.539 ms

Below is generated by plot.py at 2018-04-10 16:44:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.00 Mbit/s
95th percentile per-packet one-way delay: 0.546 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.00 Mbit/s
95th percentile per-packet one-way delay: 0.546 ms
Loss rate: 0.00%

Run 2: Report of Vivace-LTE — Data Link

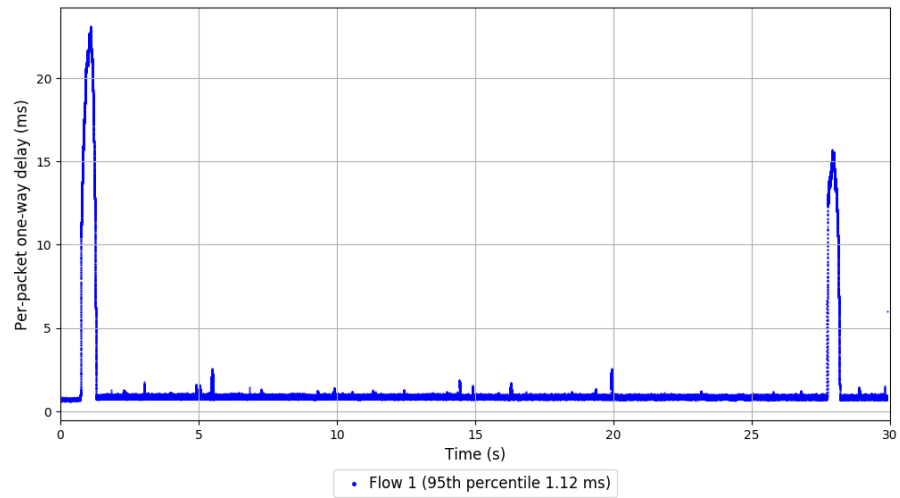
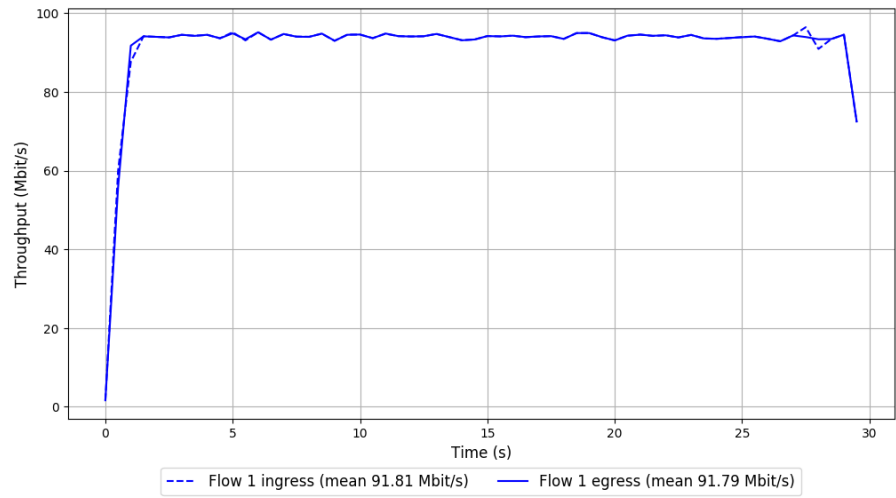


Run 3: Statistics of Vivace-LTE

Start at: 2018-04-10 13:23:14
End at: 2018-04-10 13:23:44
Local clock offset: -6.483 ms
Remote clock offset: -5.527 ms

Below is generated by plot.py at 2018-04-10 16:44:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.79 Mbit/s
95th percentile per-packet one-way delay: 1.124 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.79 Mbit/s
95th percentile per-packet one-way delay: 1.124 ms
Loss rate: 0.00%

Run 3: Report of Vivace-LTE — Data Link

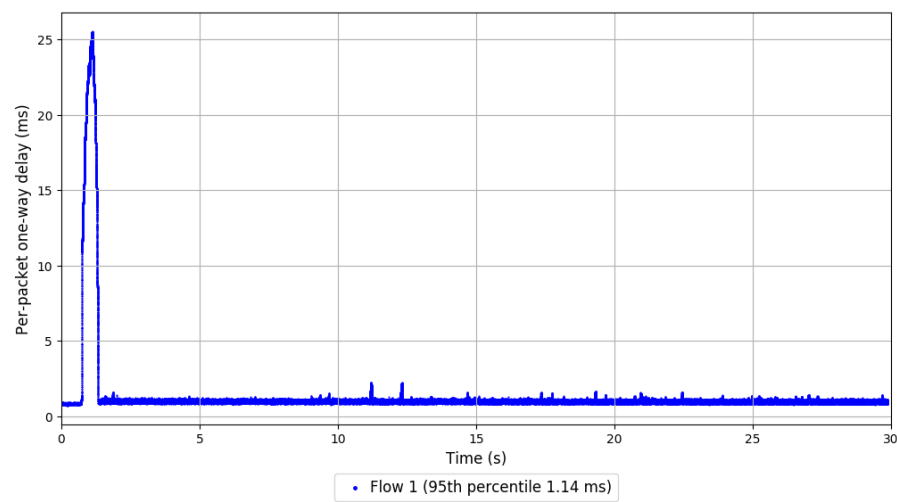
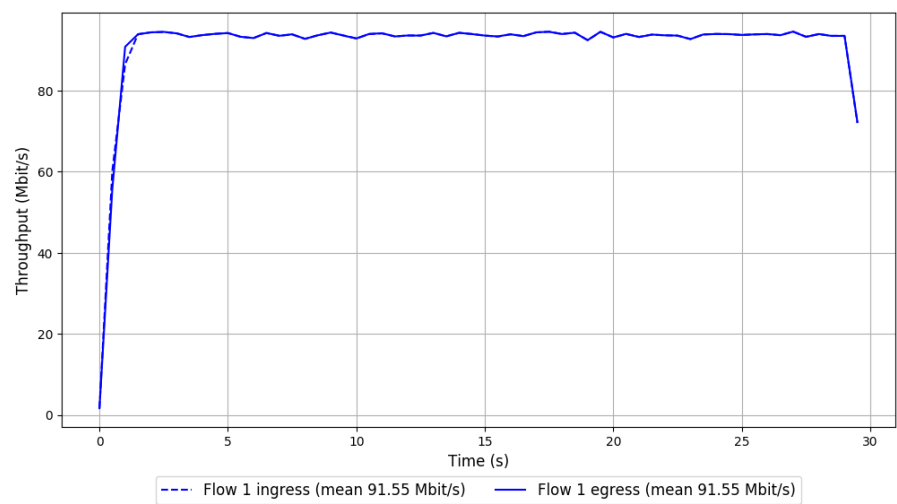


Run 4: Statistics of Vivace-LTE

Start at: 2018-04-10 13:43:30
End at: 2018-04-10 13:44:00
Local clock offset: -6.811 ms
Remote clock offset: -4.496 ms

Below is generated by plot.py at 2018-04-10 16:45:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 1.141 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 1.141 ms
Loss rate: 0.00%

Run 4: Report of Vivace-LTE — Data Link

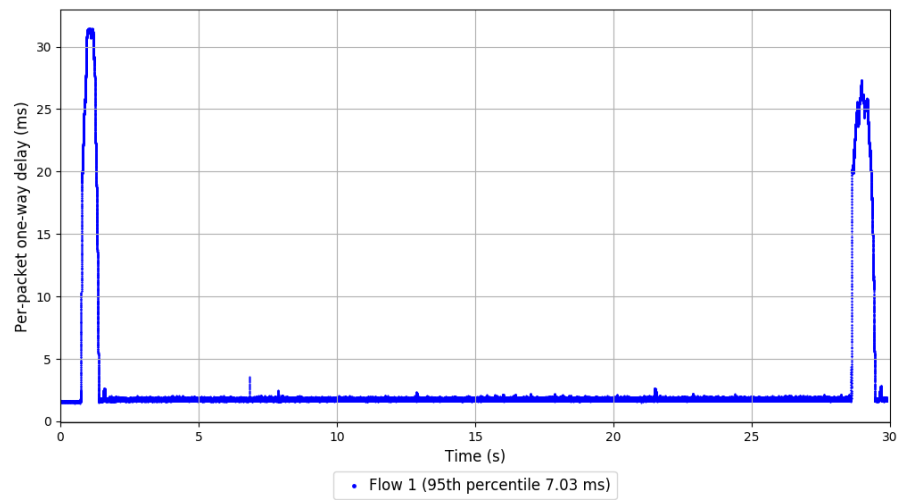
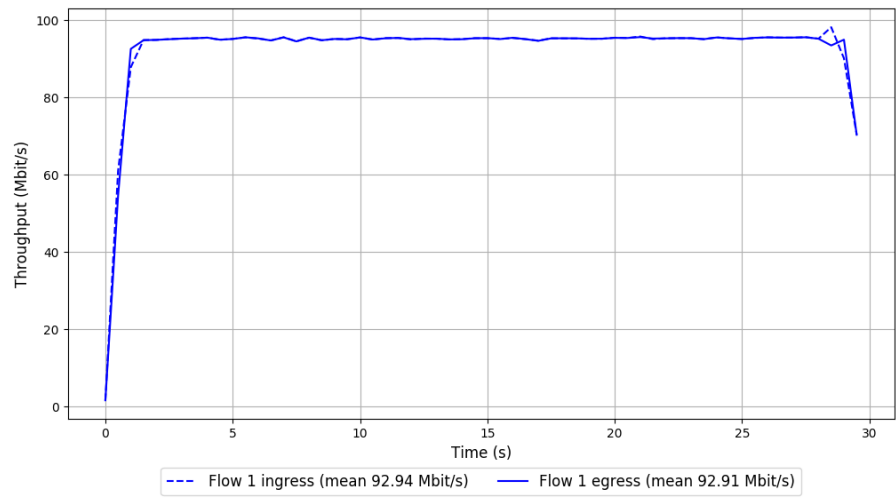


Run 5: Statistics of Vivace-LTE

Start at: 2018-04-10 14:03:46
End at: 2018-04-10 14:04:16
Local clock offset: -6.425 ms
Remote clock offset: -7.493 ms

Below is generated by plot.py at 2018-04-10 16:45:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 7.033 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 7.033 ms
Loss rate: 0.03%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-04-10 14:24:03

End at: 2018-04-10 14:24:33

Local clock offset: -7.259 ms

Remote clock offset: -7.83 ms

Below is generated by plot.py at 2018-04-10 16:45:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.63 Mbit/s

95th percentile per-packet one-way delay: 1.952 ms

Loss rate: 0.00%

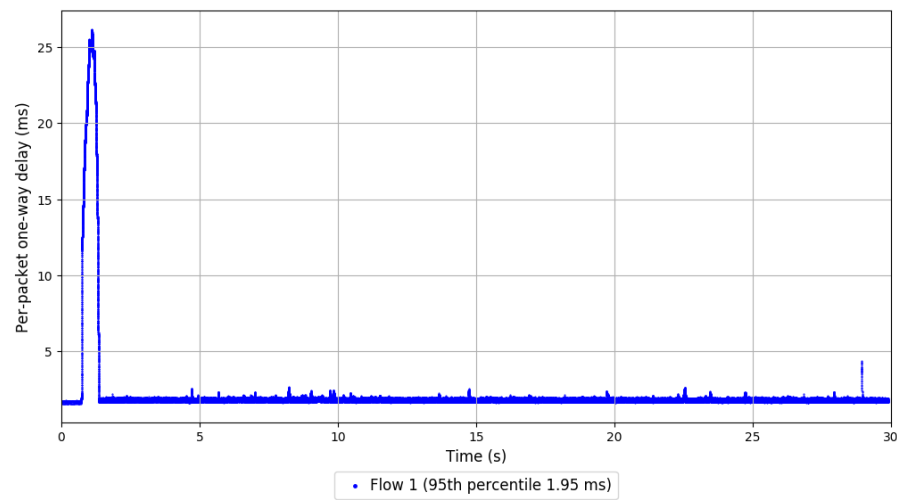
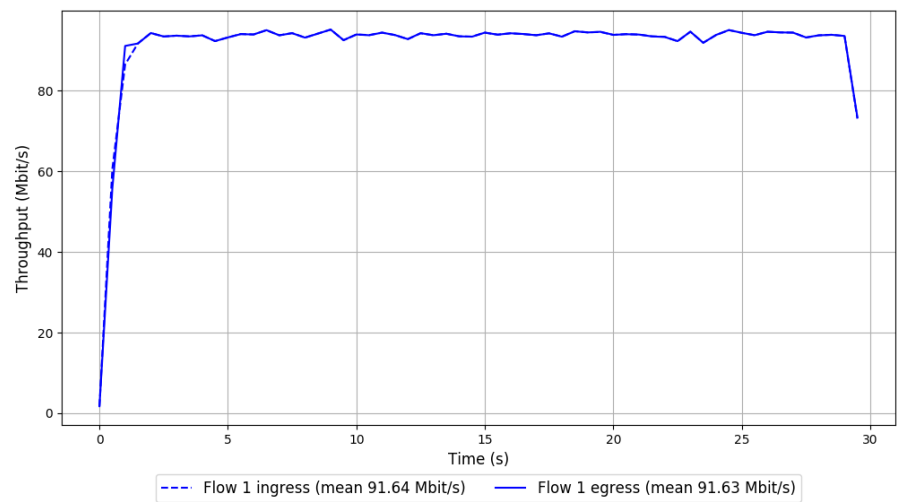
-- Flow 1:

Average throughput: 91.63 Mbit/s

95th percentile per-packet one-way delay: 1.952 ms

Loss rate: 0.00%

Run 6: Report of Vivace-LTE — Data Link

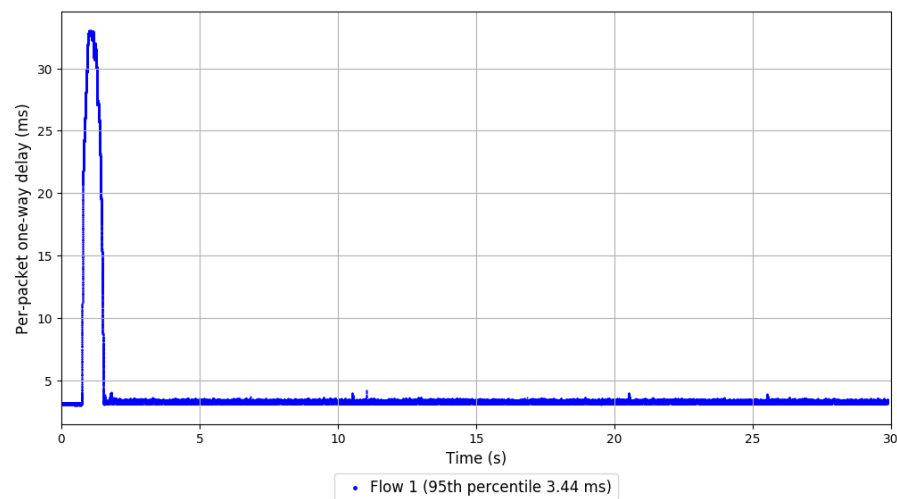
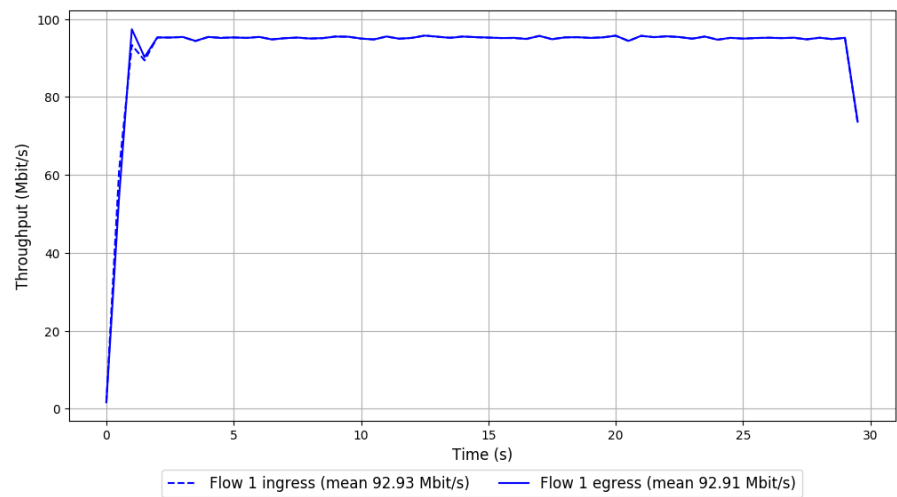


Run 7: Statistics of Vivace-LTE

Start at: 2018-04-10 14:44:21
End at: 2018-04-10 14:44:51
Local clock offset: -6.882 ms
Remote clock offset: -7.446 ms

Below is generated by plot.py at 2018-04-10 16:45:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 3.438 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 3.438 ms
Loss rate: 0.03%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-04-10 15:04:36

End at: 2018-04-10 15:05:06

Local clock offset: -6.072 ms

Remote clock offset: 1.154 ms

Below is generated by plot.py at 2018-04-10 16:45:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.80 Mbit/s

95th percentile per-packet one-way delay: 1.092 ms

Loss rate: 0.00%

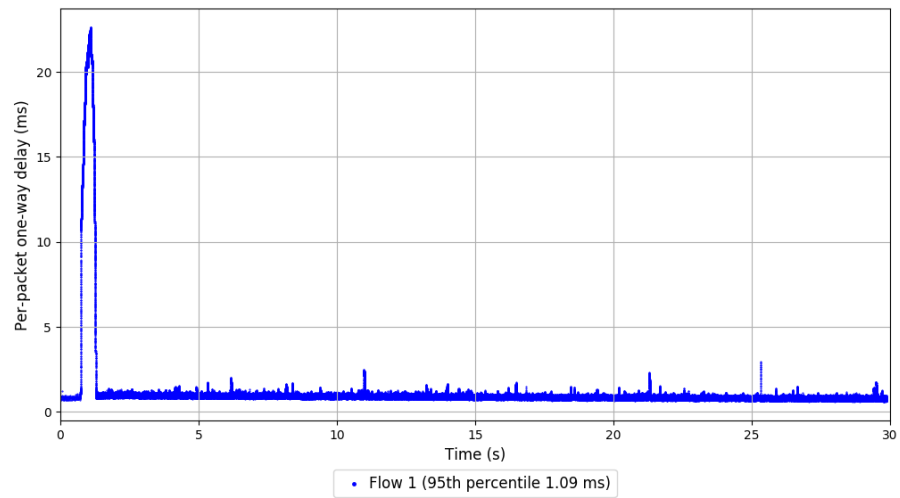
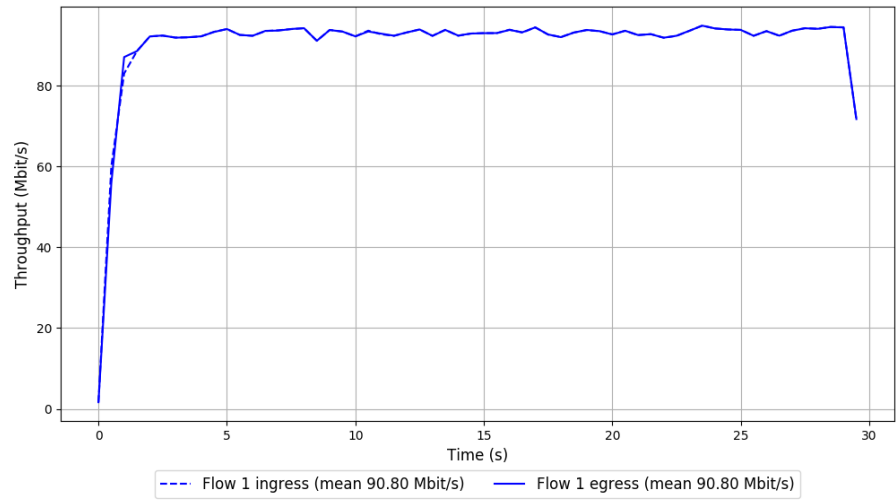
-- Flow 1:

Average throughput: 90.80 Mbit/s

95th percentile per-packet one-way delay: 1.092 ms

Loss rate: 0.00%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-04-10 15:25:08

End at: 2018-04-10 15:25:38

Local clock offset: -5.556 ms

Remote clock offset: 6.331 ms

Below is generated by plot.py at 2018-04-10 16:45:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.84 Mbit/s

95th percentile per-packet one-way delay: 1.815 ms

Loss rate: 0.02%

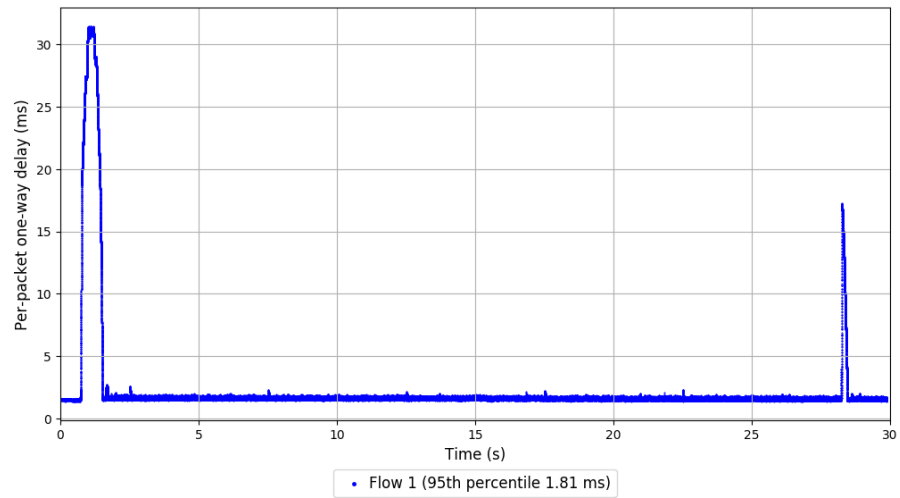
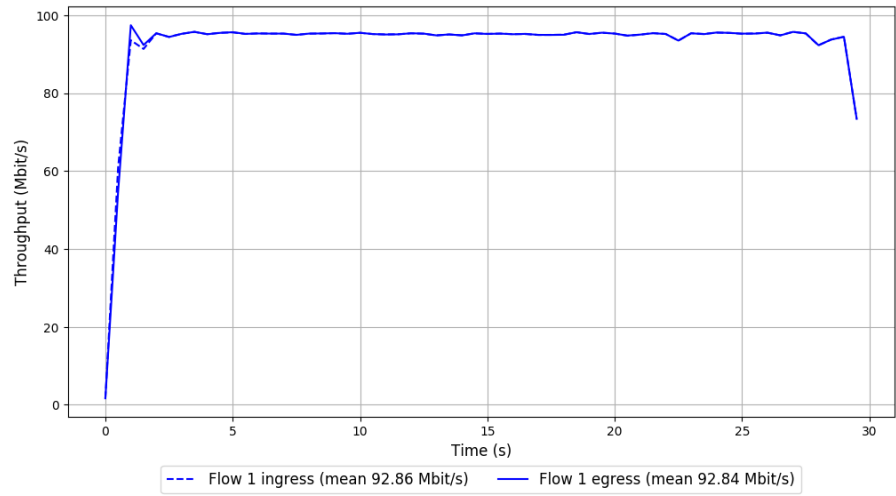
-- Flow 1:

Average throughput: 92.84 Mbit/s

95th percentile per-packet one-way delay: 1.815 ms

Loss rate: 0.02%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-04-10 15:45:22
End at: 2018-04-10 15:45:52
Local clock offset: -6.641 ms
Remote clock offset: 10.762 ms

Below is generated by plot.py at 2018-04-10 16:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.82 Mbit/s
95th percentile per-packet one-way delay: 2.679 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.82 Mbit/s
95th percentile per-packet one-way delay: 2.679 ms
Loss rate: 0.02%

Run 10: Report of Vivace-LTE — Data Link

