

Pantheon Report

Generated at 2018-01-02 03:37:17 (UTC).

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

Repeated the test of 14 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).

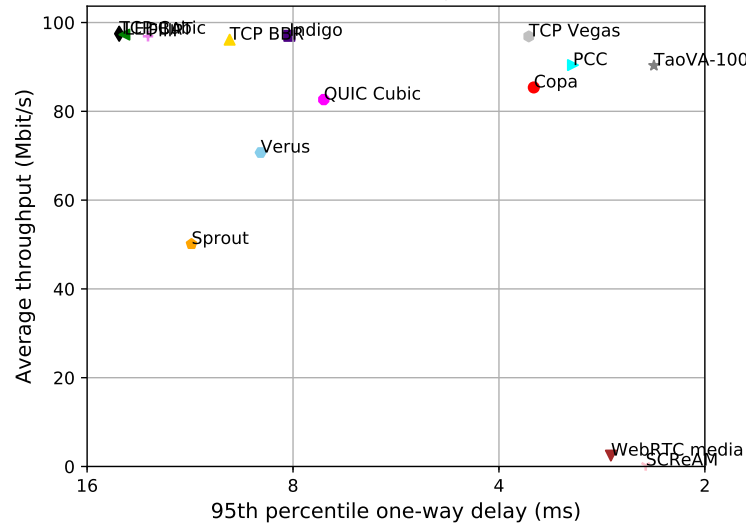
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

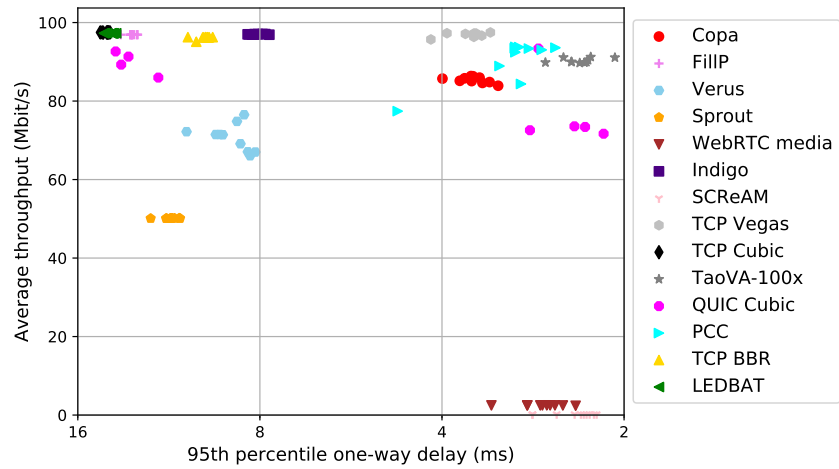
Git summary:

```
branch: master @ 904a5750834816b1e46a2c86405d707788d27c16
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ dcaef6b00654e660f73f7ed679d2eab61ce08639
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
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/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from Brazil Ethernet to AWS Brazil 1 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	96.14	9.90	0.04
TCP Cubic	10	97.48	14.36	0.06
LEDBAT	10	97.28	14.11	0.06
PCC	10	90.42	3.12	0.02
QUIC Cubic	9	82.65	7.21	0.03
SCReAM	10	0.22	2.44	0.00
WebRTC media	10	2.45	2.74	0.01
Sprout	10	50.12	11.26	0.02
TaoVA-100x	10	90.31	2.37	0.02
TCP Vegas	10	96.87	3.62	0.02
Verus	10	70.72	8.92	0.03
Copa	10	85.38	3.56	0.02
FillP	9	96.90	13.03	0.05
Indigo	10	97.01	8.10	0.03

Run 1: Statistics of TCP BBR

Start at: 2018-01-01 21:48:46

End at: 2018-01-01 21:49:16

Local clock offset: 6.123 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2018-01-02 03:16:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 9.832 ms

Loss rate: 0.04%

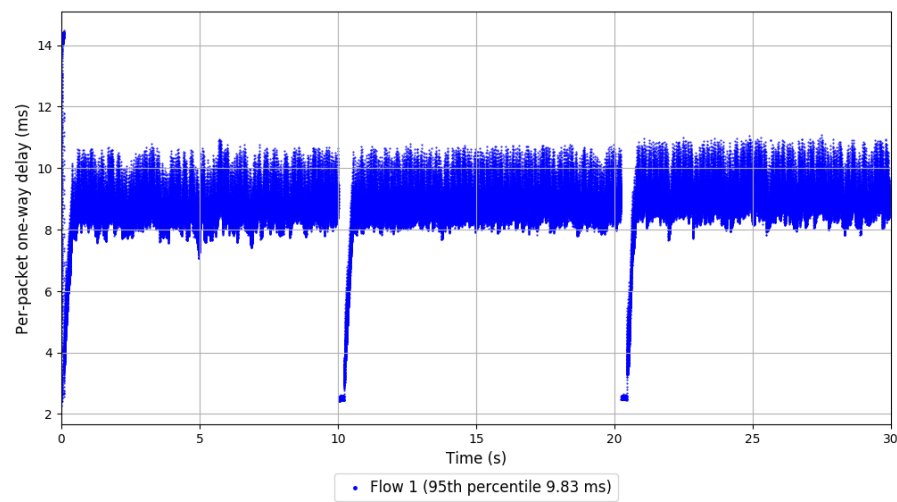
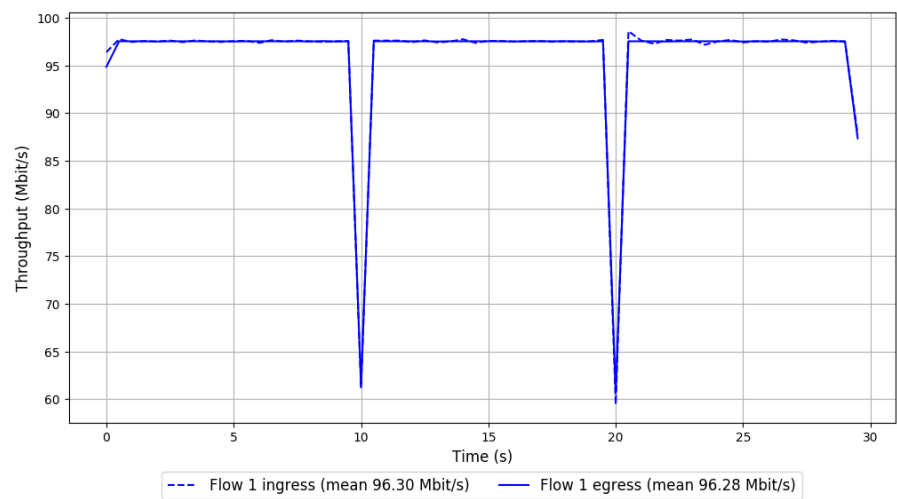
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 9.832 ms

Loss rate: 0.04%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-01-01 22:05:44

End at: 2018-01-01 22:06:14

Local clock offset: 6.585 ms

Remote clock offset: 0.136 ms

Below is generated by plot.py at 2018-01-02 03:16:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.11 Mbit/s

95th percentile per-packet one-way delay: 10.192 ms

Loss rate: 0.04%

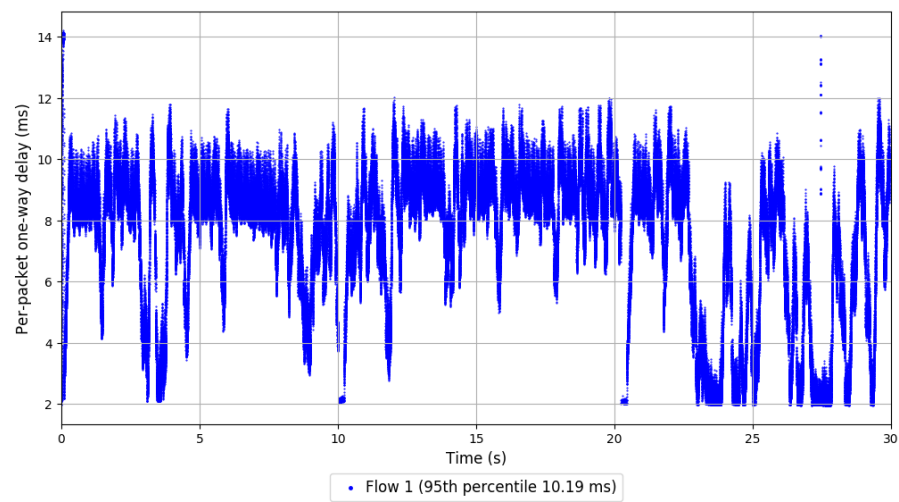
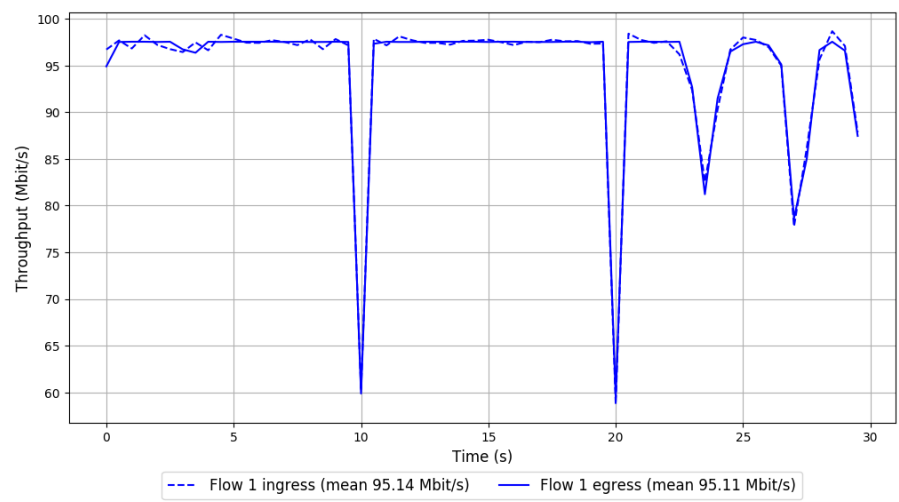
-- Flow 1:

Average throughput: 95.11 Mbit/s

95th percentile per-packet one-way delay: 10.192 ms

Loss rate: 0.04%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-01-01 22:22:43

End at: 2018-01-01 22:23:13

Local clock offset: 6.337 ms

Remote clock offset: 0.185 ms

Below is generated by plot.py at 2018-01-02 03:16:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 9.944 ms

Loss rate: 0.04%

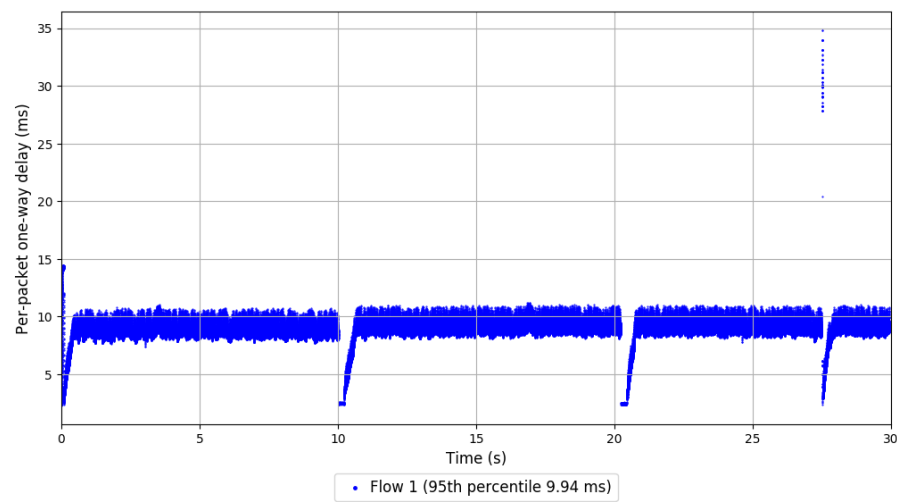
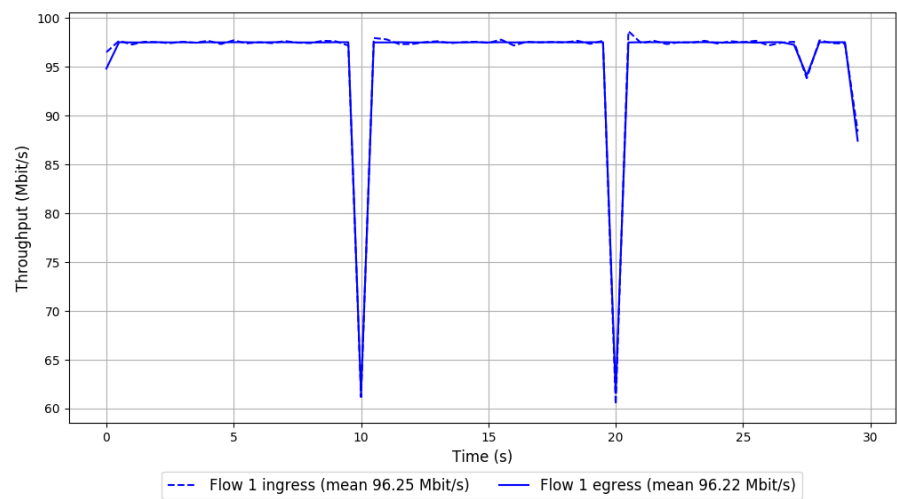
-- Flow 1:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 9.944 ms

Loss rate: 0.04%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-01-01 22:39:41

End at: 2018-01-01 22:40:11

Local clock offset: 8.524 ms

Remote clock offset: 0.363 ms

Below is generated by plot.py at 2018-01-02 03:16:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 9.704 ms

Loss rate: 0.04%

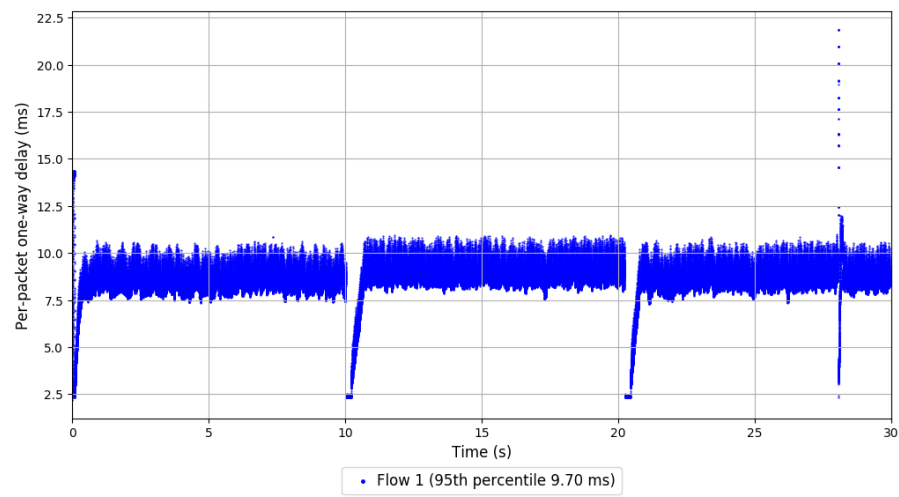
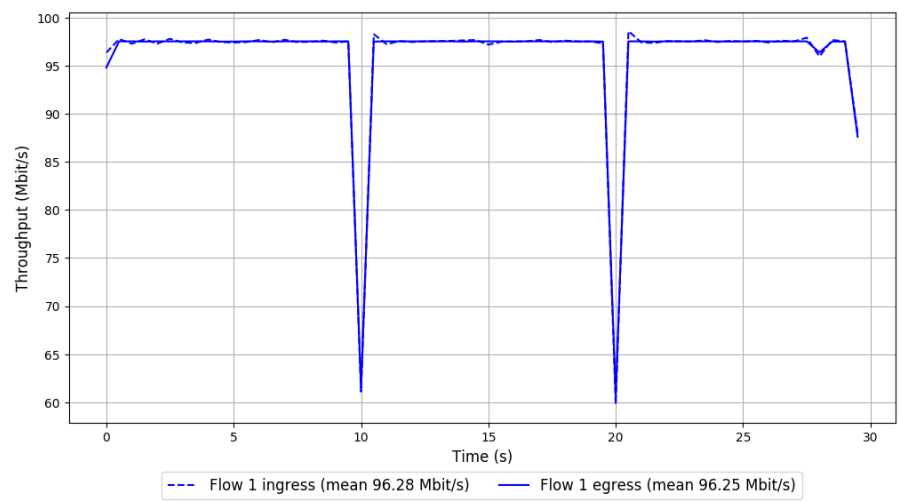
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 9.704 ms

Loss rate: 0.04%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-01-01 22:56:40

End at: 2018-01-01 22:57:10

Local clock offset: 9.069 ms

Remote clock offset: 0.253 ms

Below is generated by plot.py at 2018-01-02 03:16:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.18 Mbit/s

95th percentile per-packet one-way delay: 9.739 ms

Loss rate: 0.04%

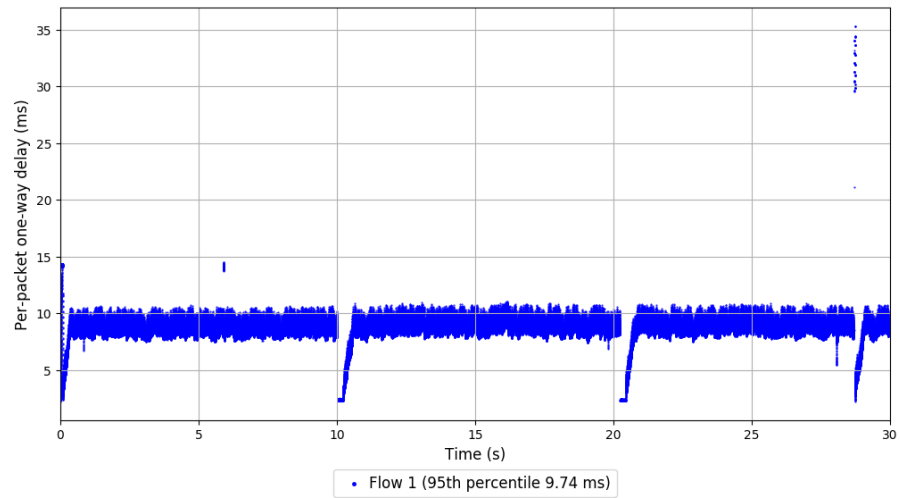
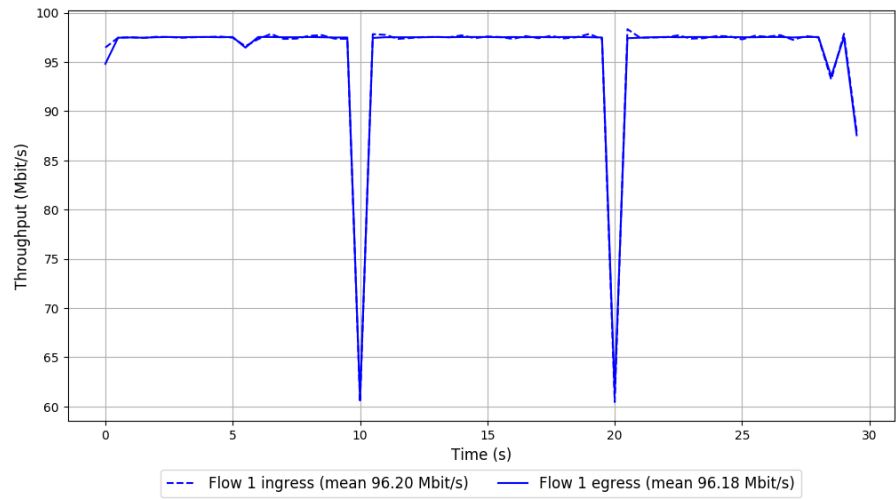
-- Flow 1:

Average throughput: 96.18 Mbit/s

95th percentile per-packet one-way delay: 9.739 ms

Loss rate: 0.04%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-01-01 23:13:37

End at: 2018-01-01 23:14:07

Local clock offset: 12.729 ms

Remote clock offset: 0.246 ms

Below is generated by plot.py at 2018-01-02 03:16:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 9.575 ms

Loss rate: 0.04%

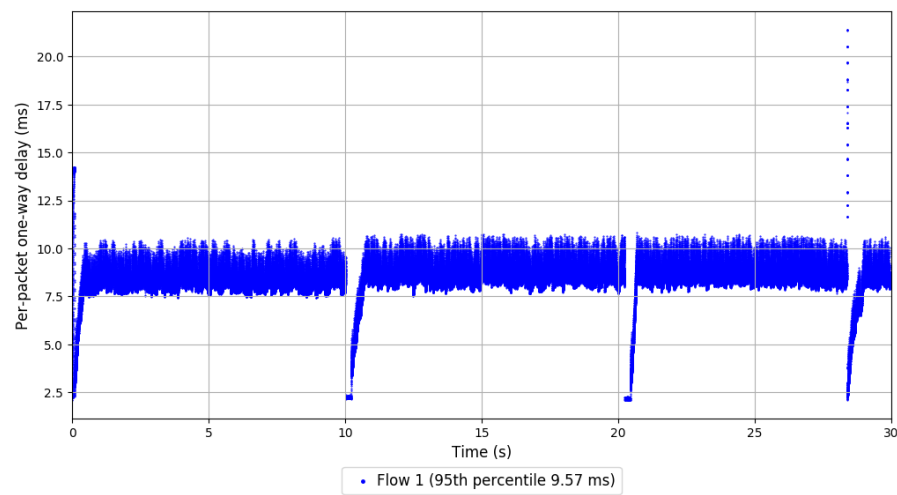
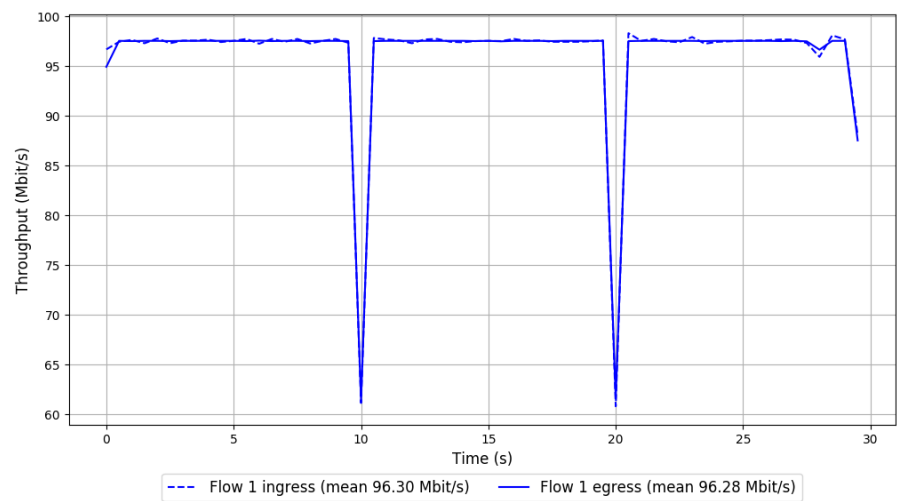
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 9.575 ms

Loss rate: 0.04%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-01-01 23:30:36

End at: 2018-01-01 23:31:06

Local clock offset: 5.666 ms

Remote clock offset: 0.204 ms

Below is generated by plot.py at 2018-01-02 03:16:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 10.522 ms

Loss rate: 0.04%

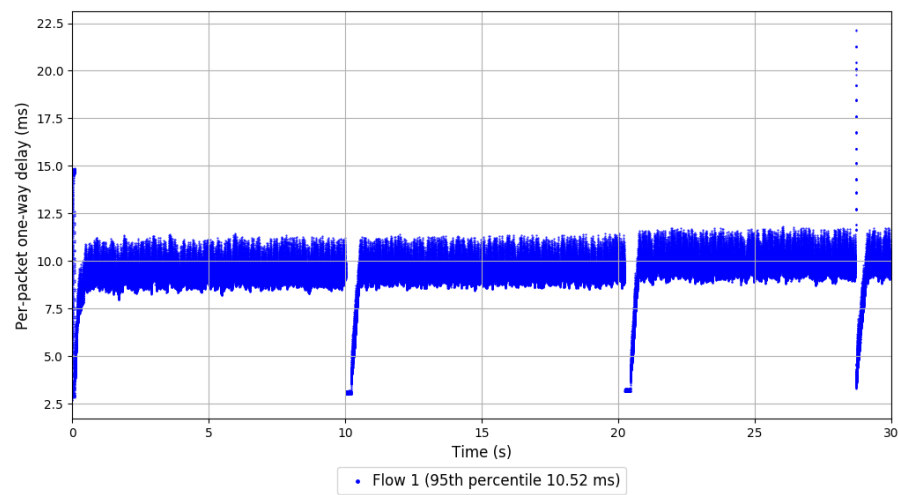
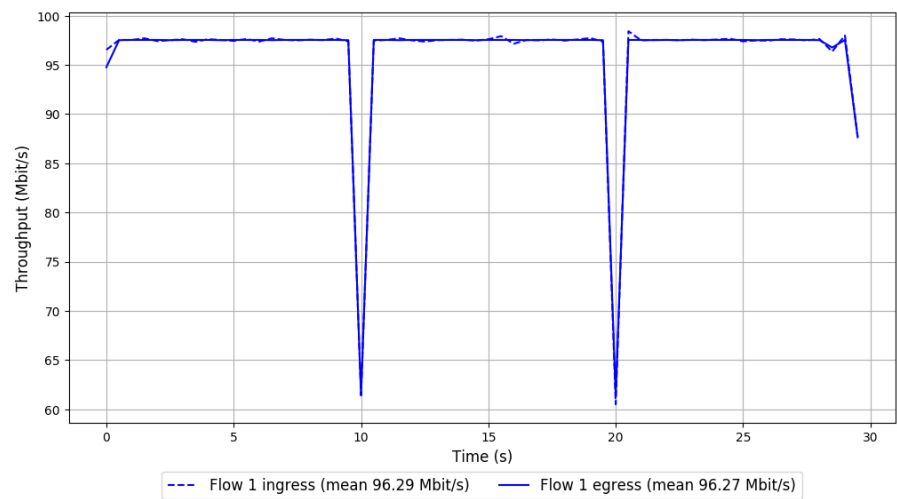
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 10.522 ms

Loss rate: 0.04%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-01-01 23:47:34

End at: 2018-01-01 23:48:04

Local clock offset: -0.159 ms

Remote clock offset: 0.043 ms

Below is generated by plot.py at 2018-01-02 03:16:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 9.907 ms

Loss rate: 0.04%

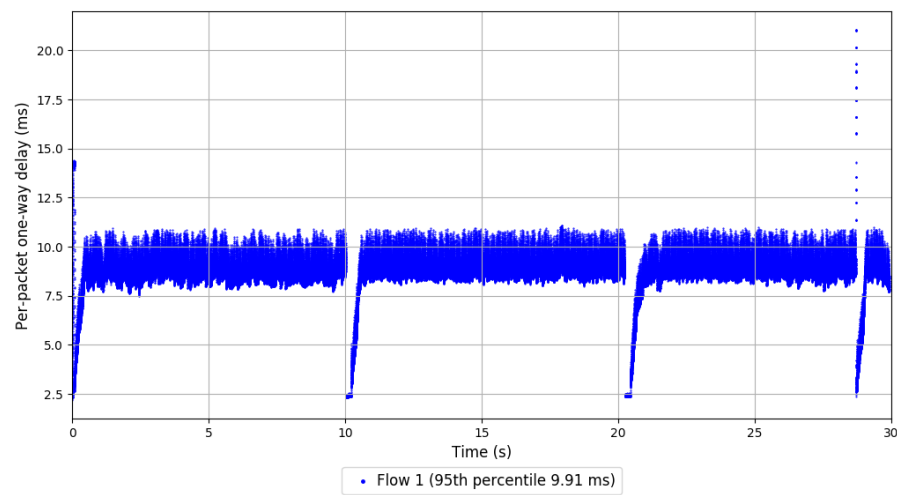
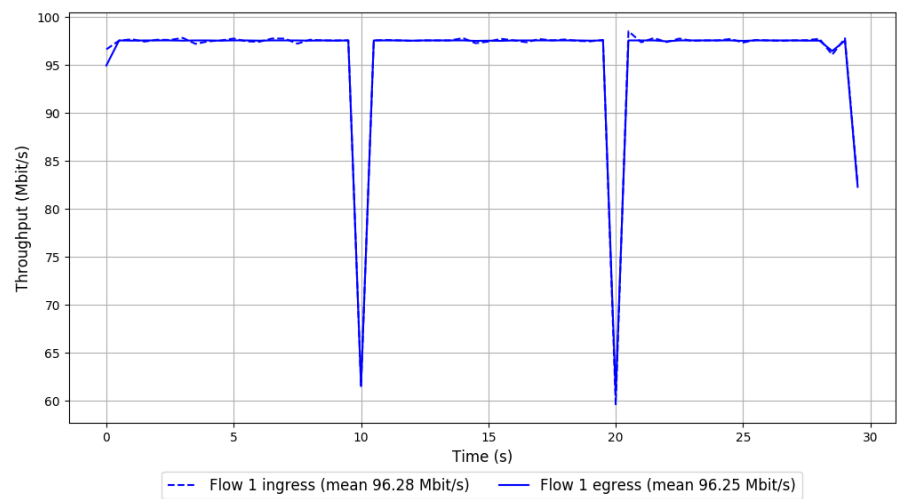
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 9.907 ms

Loss rate: 0.04%

Run 8: Report of TCP BBR — Data Link

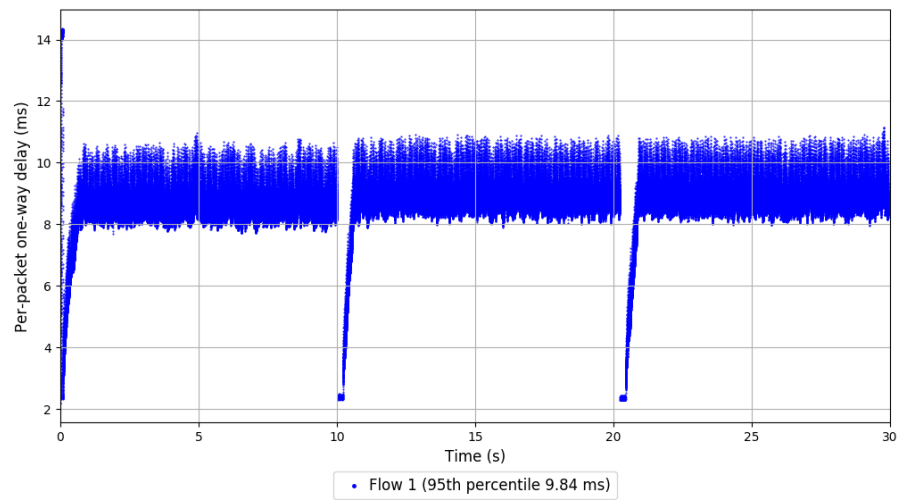
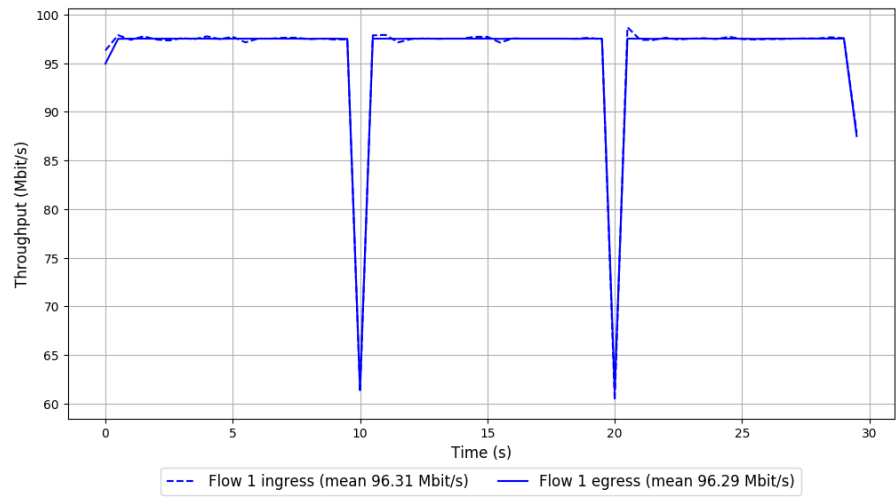


Run 9: Statistics of TCP BBR

Start at: 2018-01-02 00:04:30
End at: 2018-01-02 00:05:00
Local clock offset: 0.486 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-01-02 03:17:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 9.836 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 9.836 ms
Loss rate: 0.04%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-01-02 00:21:28

End at: 2018-01-02 00:21:58

Local clock offset: 1.185 ms

Remote clock offset: -0.144 ms

Below is generated by plot.py at 2018-01-02 03:17:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 9.770 ms

Loss rate: 0.04%

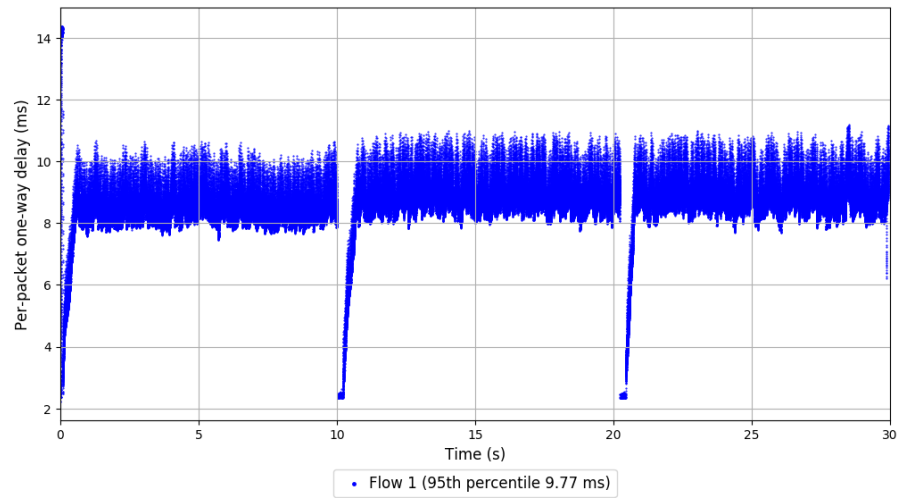
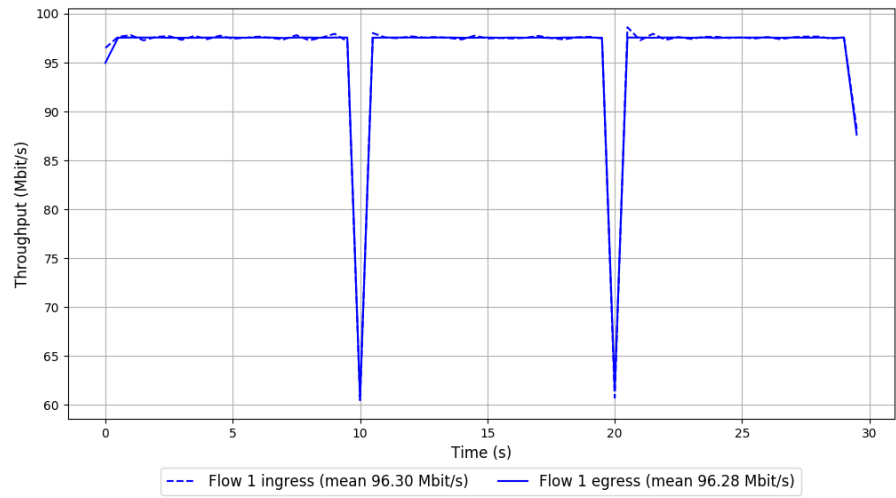
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 9.770 ms

Loss rate: 0.04%

Run 10: Report of TCP BBR — Data Link

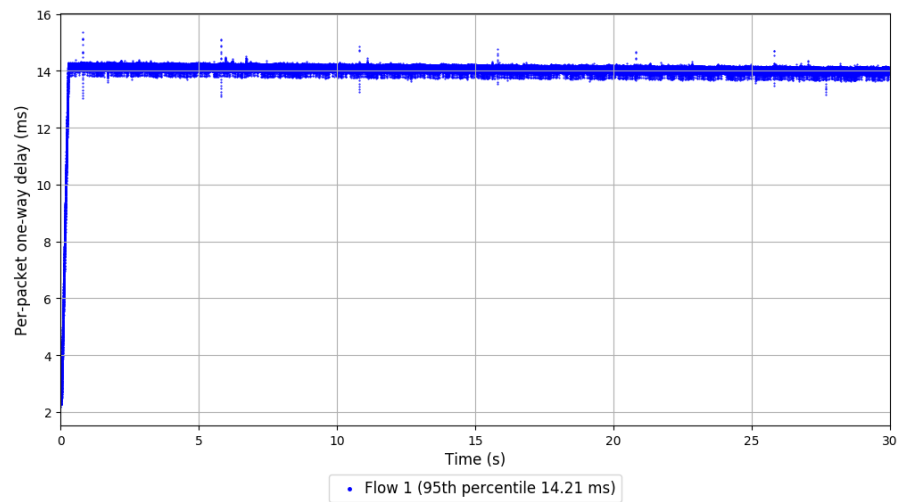
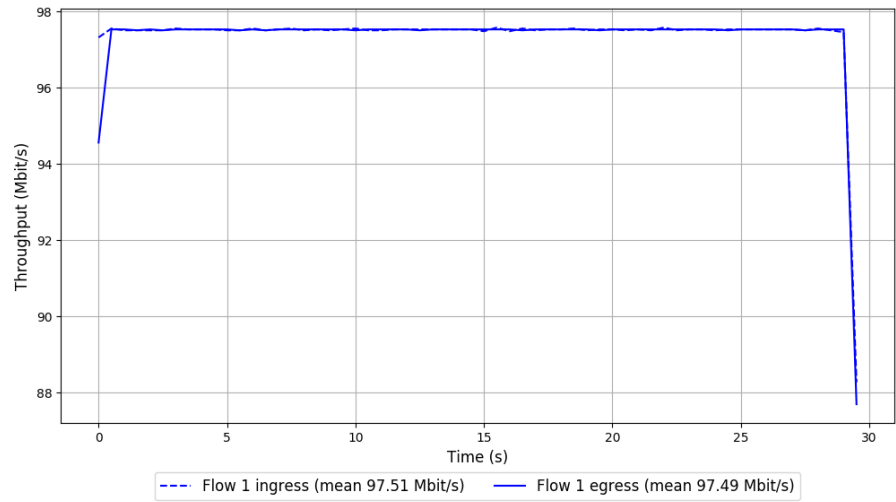


Run 1: Statistics of TCP Cubic

Start at: 2018-01-01 21:42:01
End at: 2018-01-01 21:42:31
Local clock offset: 3.374 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-01-02 03:17:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 14.214 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 14.214 ms
Loss rate: 0.06%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-01-01 21:59:00

End at: 2018-01-01 21:59:30

Local clock offset: 5.048 ms

Remote clock offset: 0.075 ms

Below is generated by plot.py at 2018-01-02 03:17:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 14.299 ms

Loss rate: 0.06%

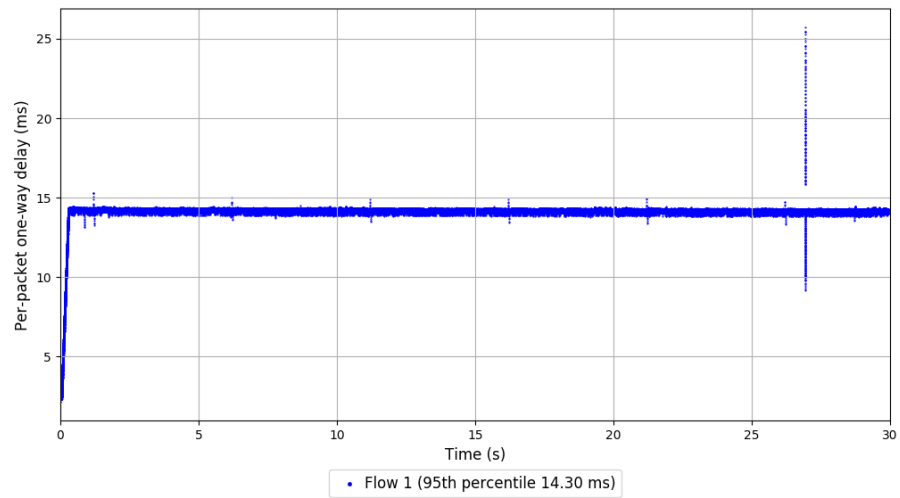
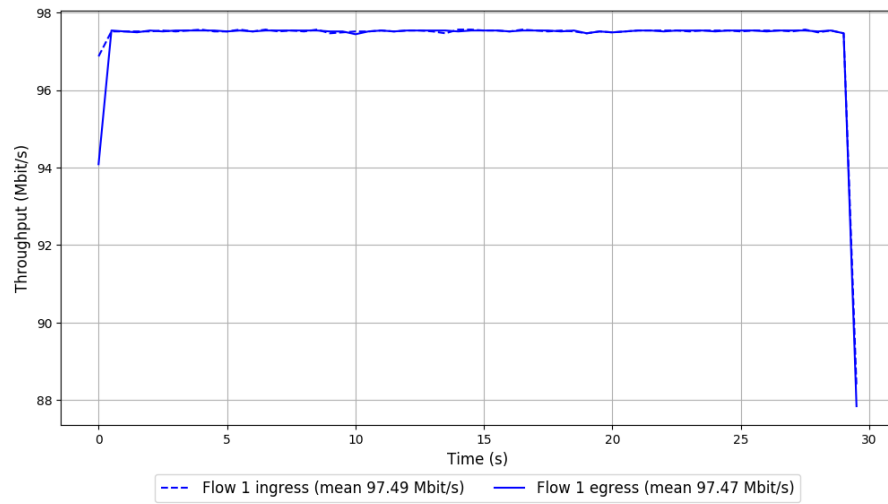
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 14.299 ms

Loss rate: 0.06%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-01-01 22:15:58

End at: 2018-01-01 22:16:28

Local clock offset: 7.878 ms

Remote clock offset: 0.214 ms

Below is generated by plot.py at 2018-01-02 03:17:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.584 ms

Loss rate: 0.06%

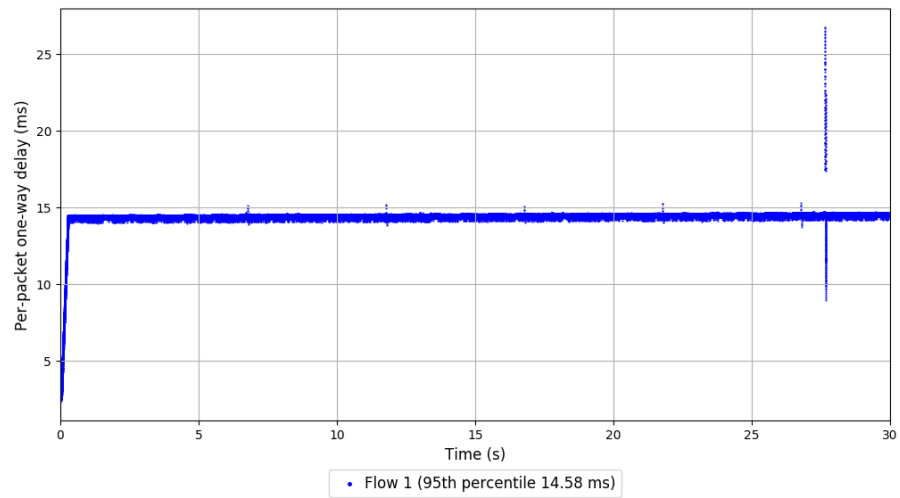
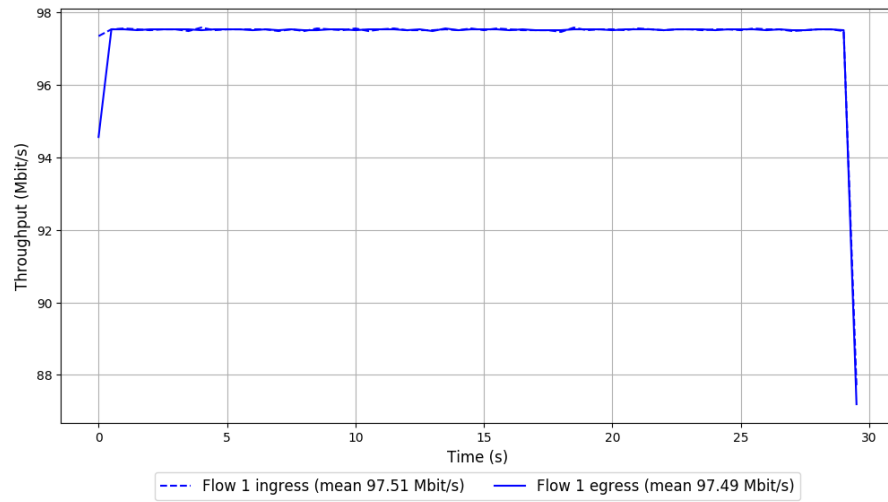
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.584 ms

Loss rate: 0.06%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-01-01 22:32:57

End at: 2018-01-01 22:33:27

Local clock offset: 7.732 ms

Remote clock offset: 0.312 ms

Below is generated by plot.py at 2018-01-02 03:17:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.153 ms

Loss rate: 0.06%

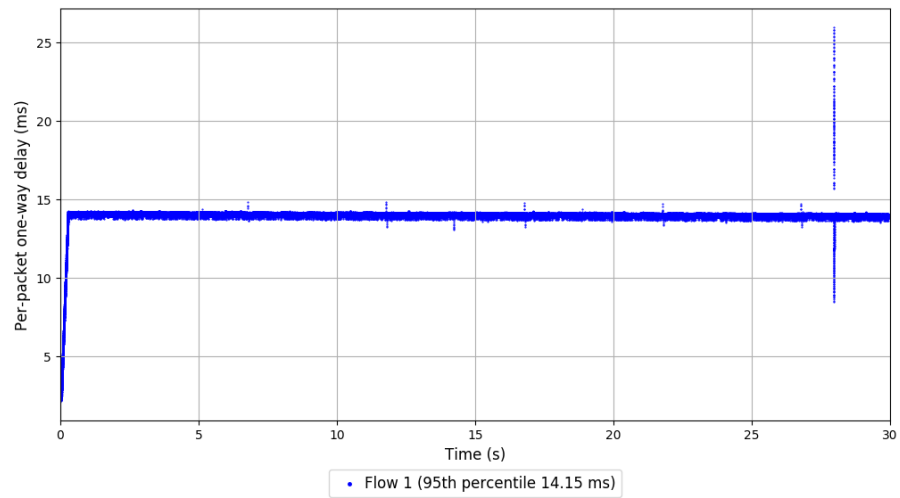
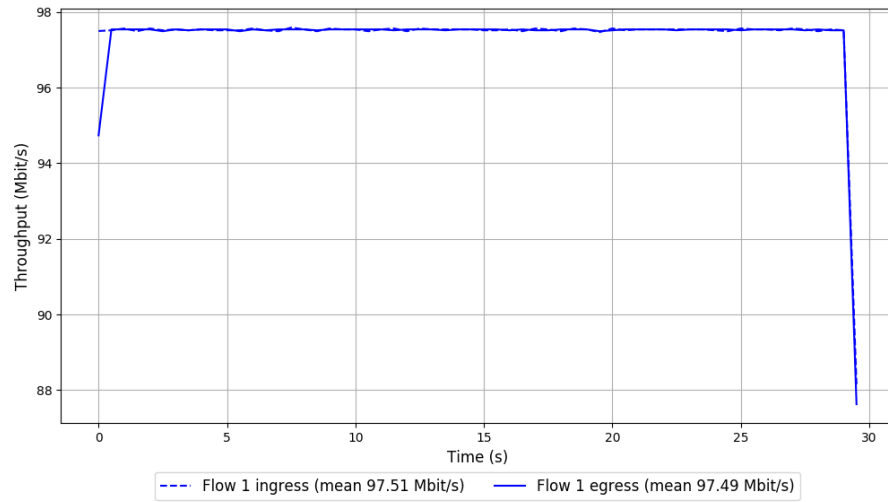
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.153 ms

Loss rate: 0.06%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-01-01 22:49:56

End at: 2018-01-01 22:50:26

Local clock offset: 8.313 ms

Remote clock offset: 0.351 ms

Below is generated by plot.py at 2018-01-02 03:18:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 14.302 ms

Loss rate: 0.06%

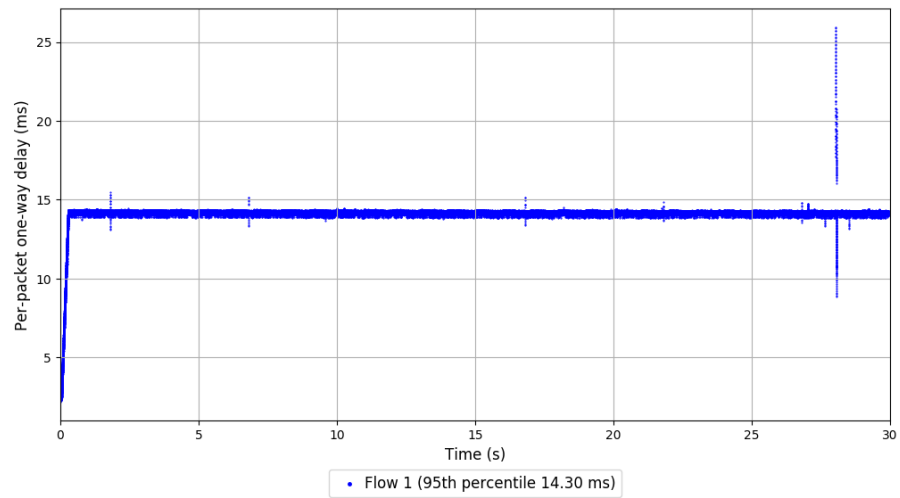
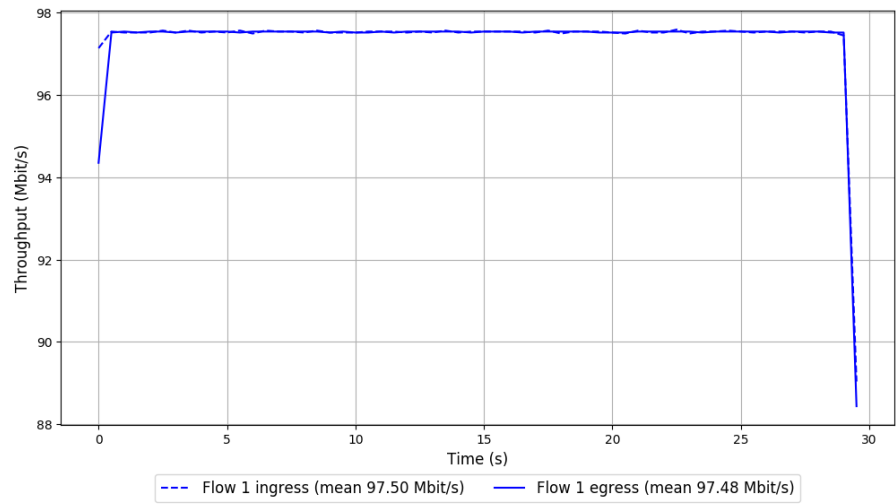
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 14.302 ms

Loss rate: 0.06%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-01-01 23:06:52

End at: 2018-01-01 23:07:22

Local clock offset: 11.051 ms

Remote clock offset: 0.214 ms

Below is generated by plot.py at 2018-01-02 03:18:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.277 ms

Loss rate: 0.06%

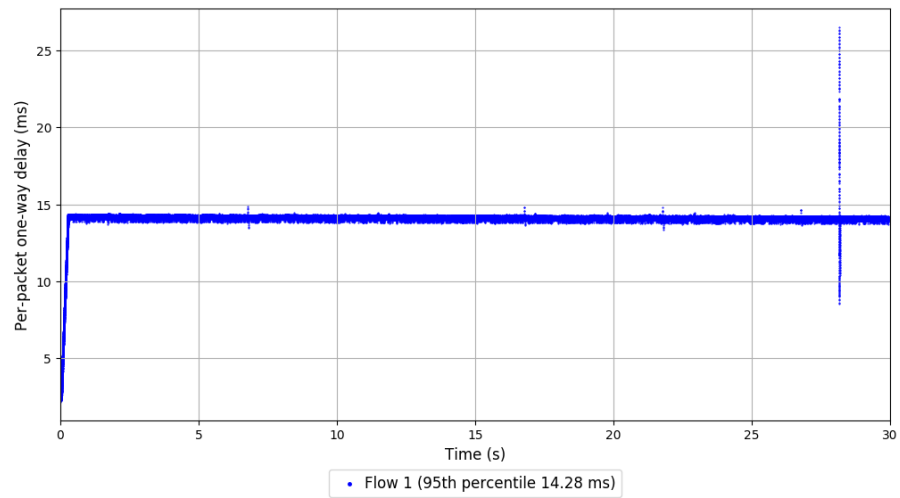
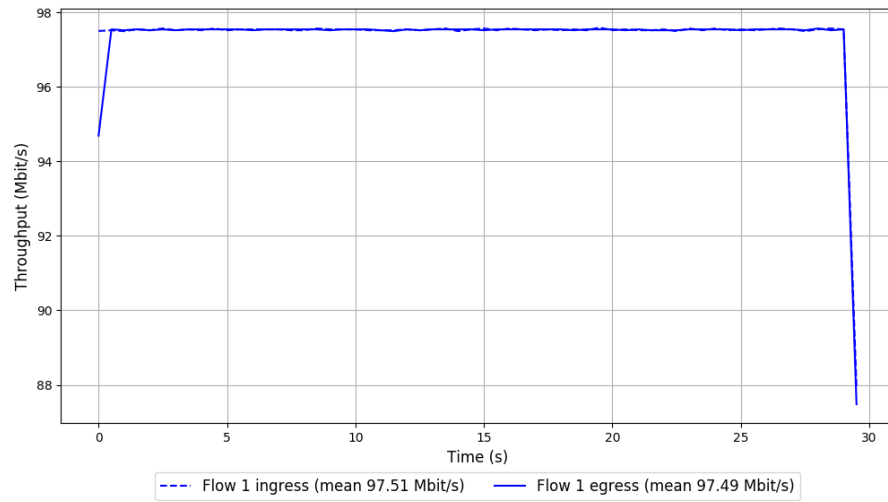
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.277 ms

Loss rate: 0.06%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-01-01 23:23:51

End at: 2018-01-01 23:24:21

Local clock offset: 11.35 ms

Remote clock offset: 0.222 ms

Below is generated by plot.py at 2018-01-02 03:19:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.688 ms

Loss rate: 0.06%

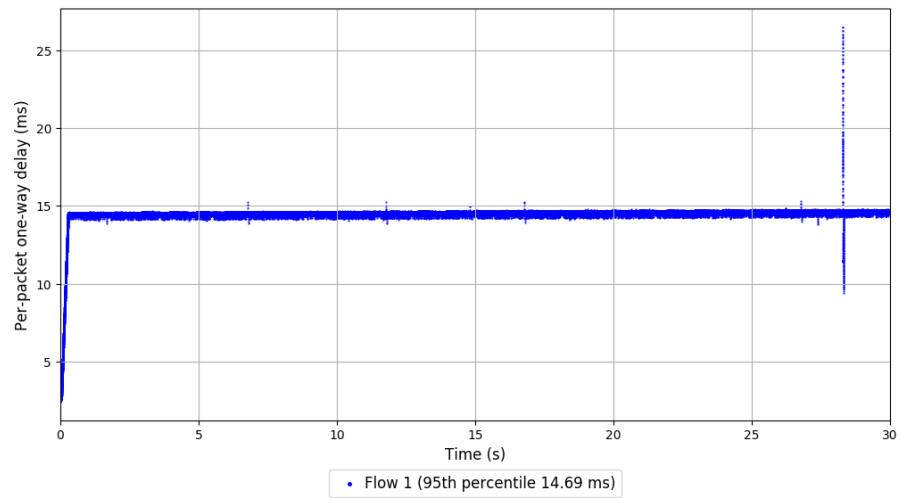
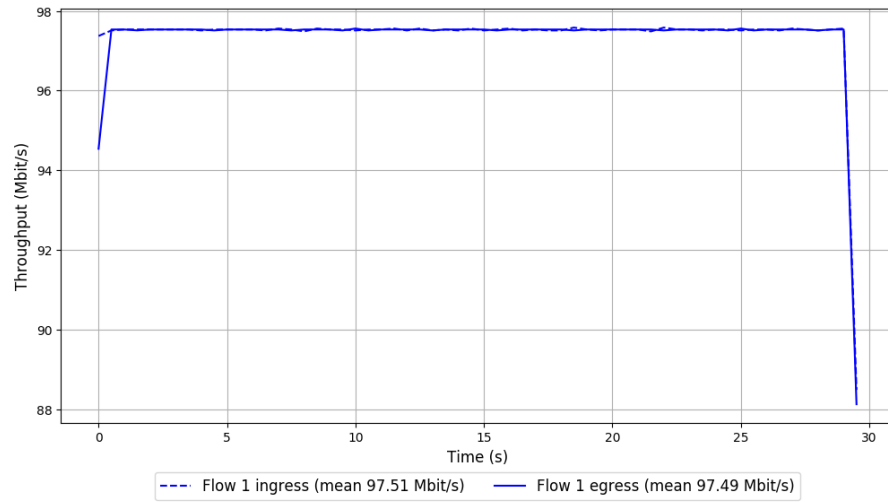
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.688 ms

Loss rate: 0.06%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-01-01 23:40:50

End at: 2018-01-01 23:41:20

Local clock offset: 0.904 ms

Remote clock offset: 0.147 ms

Below is generated by plot.py at 2018-01-02 03:19:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 14.520 ms

Loss rate: 0.06%

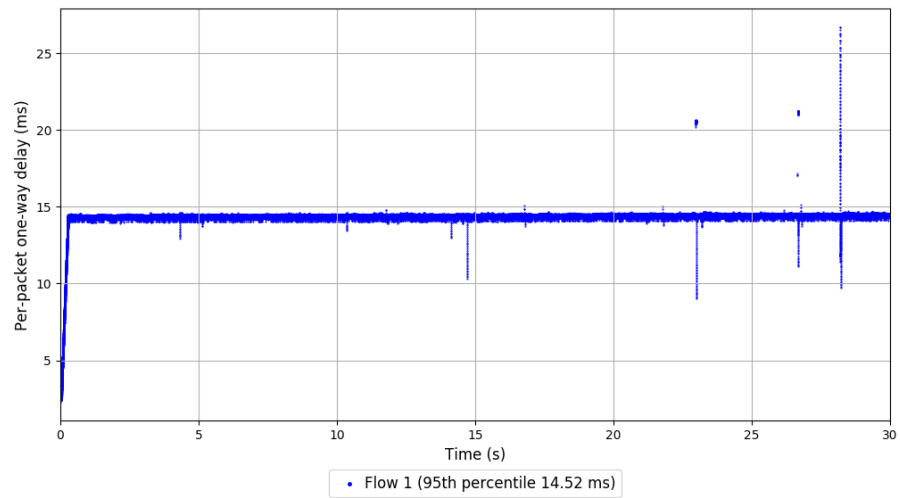
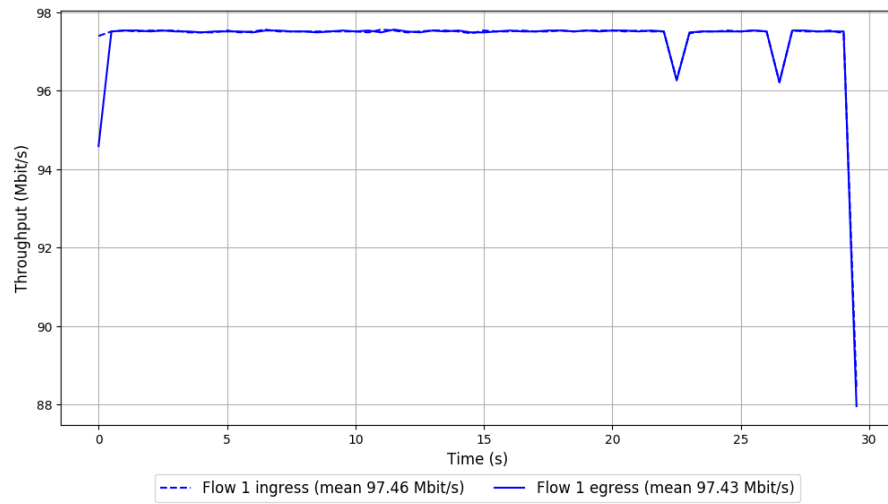
-- Flow 1:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 14.520 ms

Loss rate: 0.06%

Run 8: Report of TCP Cubic — Data Link

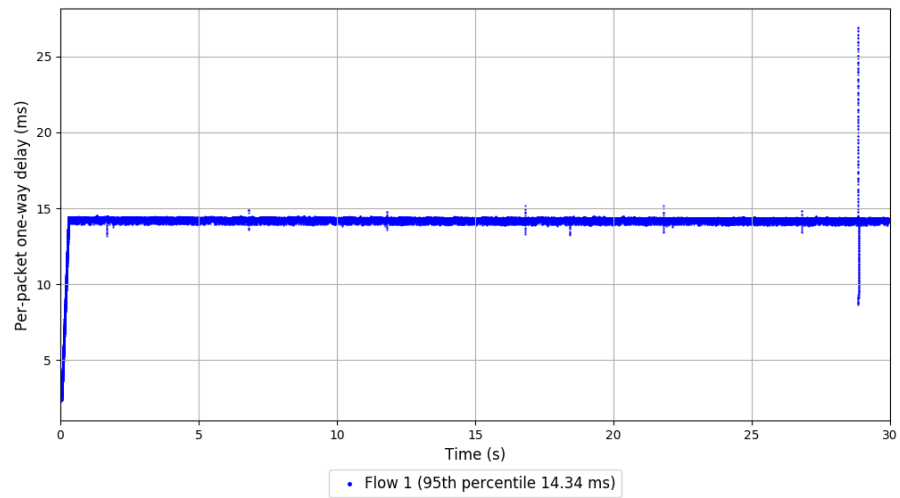
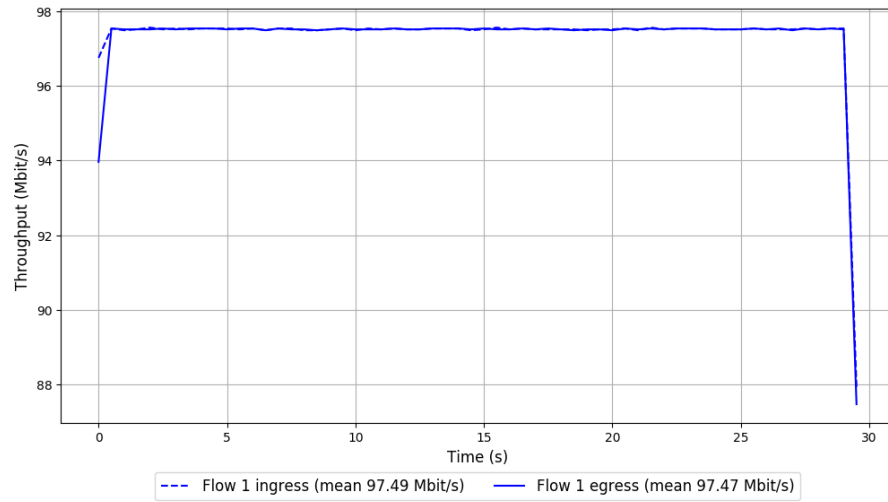


Run 9: Statistics of TCP Cubic

Start at: 2018-01-01 23:57:45
End at: 2018-01-01 23:58:15
Local clock offset: -0.218 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2018-01-02 03:19:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 14.341 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 14.341 ms
Loss rate: 0.06%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-01-02 00:14:43

End at: 2018-01-02 00:15:13

Local clock offset: 1.172 ms

Remote clock offset: -0.132 ms

Below is generated by plot.py at 2018-01-02 03:19:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 14.236 ms

Loss rate: 0.06%

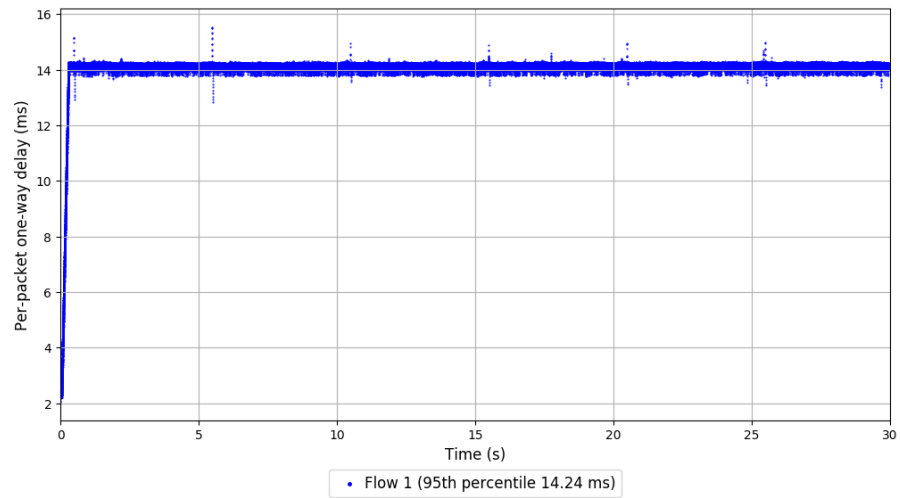
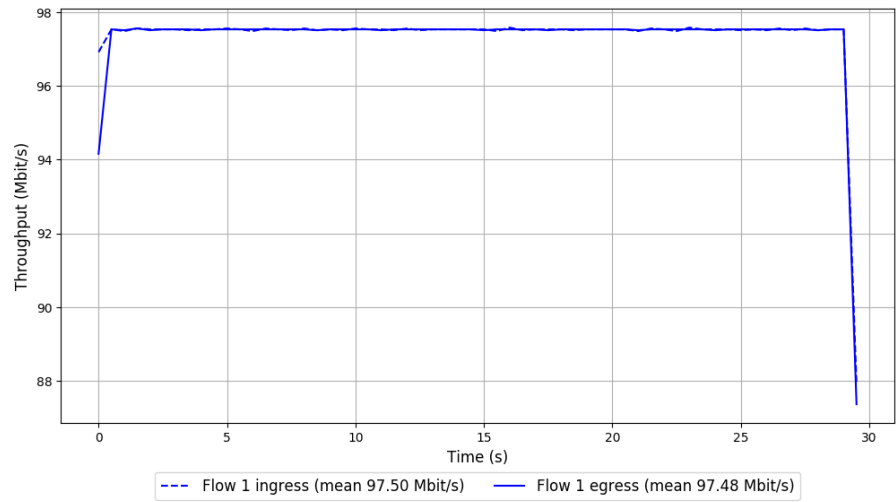
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 14.236 ms

Loss rate: 0.06%

Run 10: Report of TCP Cubic — Data Link

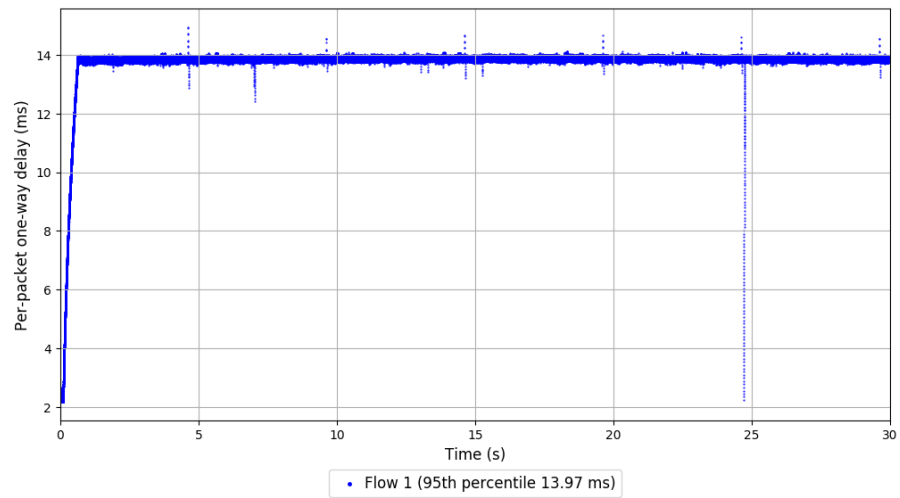
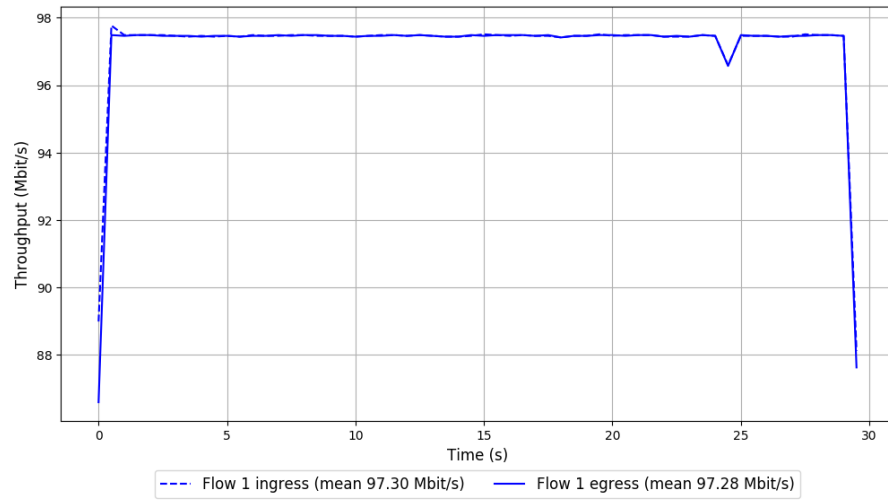


```
Run 1: Statistics of LEDBAT

Start at: 2018-01-01 21:35:13
End at: 2018-01-01 21:35:43
Local clock offset: 0.258 ms
Remote clock offset: -0.068 ms

# Below is generated by plot.py at 2018-01-02 03:19:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 13.968 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 13.968 ms
Loss rate: 0.06%
```


Run 1: Report of LEDBAT — Data Link

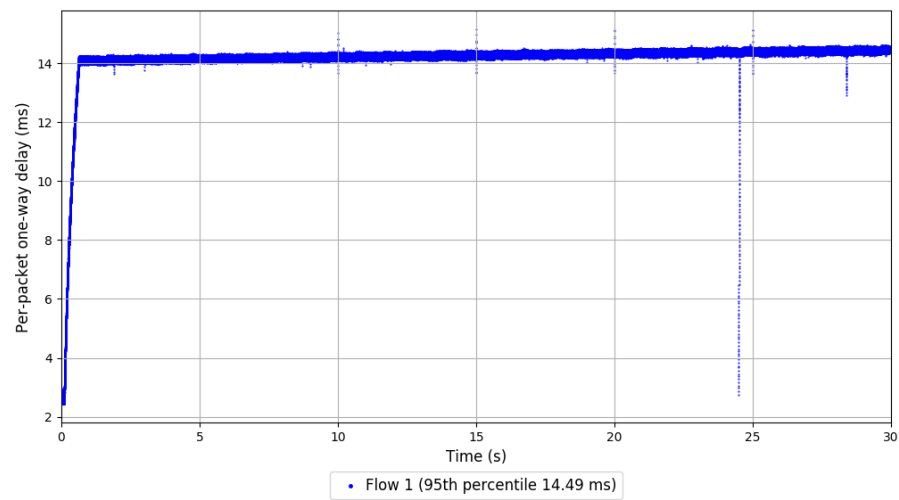
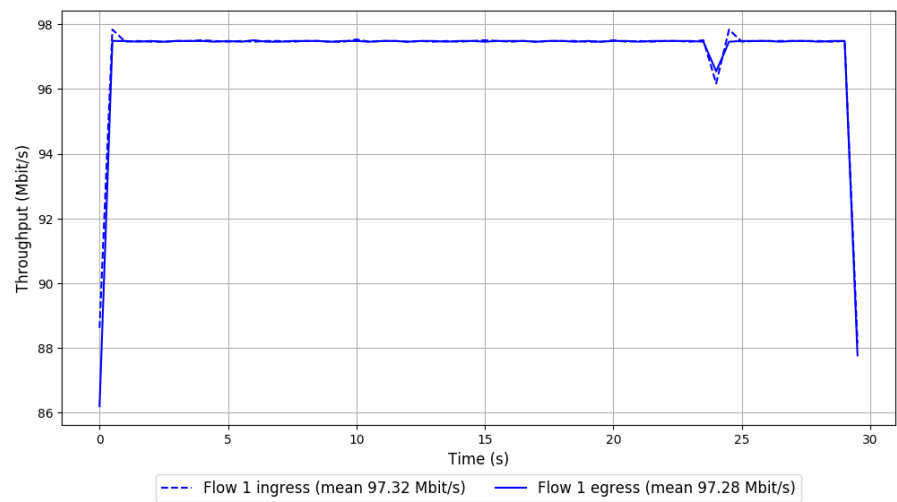


```
Run 2: Statistics of LEDBAT

Start at: 2018-01-01 21:52:11
End at: 2018-01-01 21:52:41
Local clock offset: 5.799 ms
Remote clock offset: 0.023 ms

# Below is generated by plot.py at 2018-01-02 03:19:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.489 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.489 ms
Loss rate: 0.05%
```

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-01-01 22:09:09

End at: 2018-01-01 22:09:39

Local clock offset: 7.896 ms

Remote clock offset: 0.172 ms

Below is generated by plot.py at 2018-01-02 03:19:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 13.825 ms

Loss rate: 0.06%

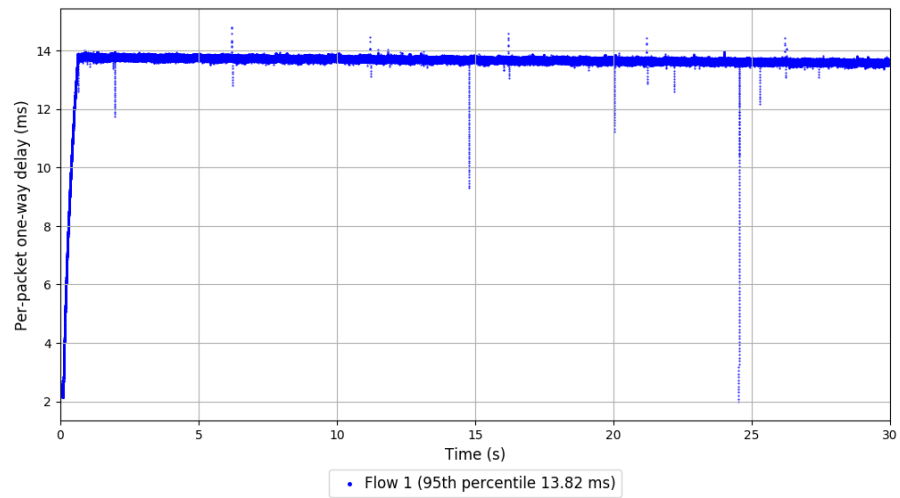
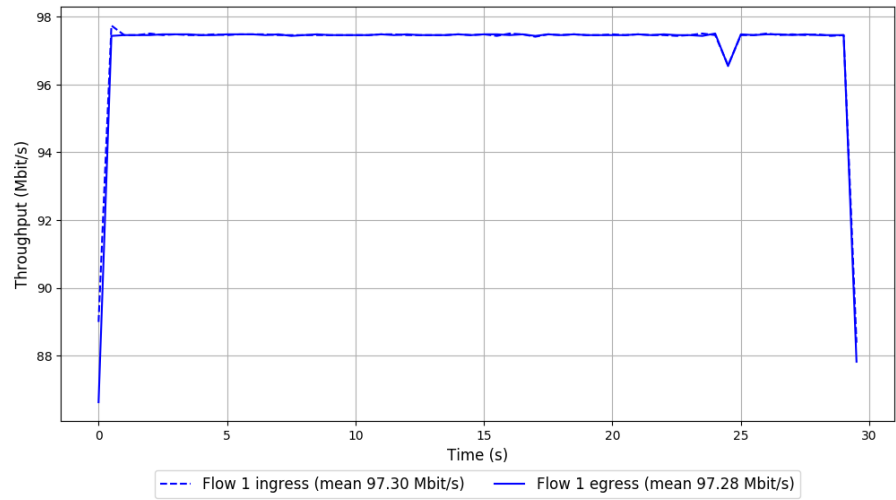
-- Flow 1:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 13.825 ms

Loss rate: 0.06%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-01-01 22:26:08

End at: 2018-01-01 22:26:38

Local clock offset: 6.496 ms

Remote clock offset: 0.275 ms

Below is generated by plot.py at 2018-01-02 03:19:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 13.976 ms

Loss rate: 0.06%

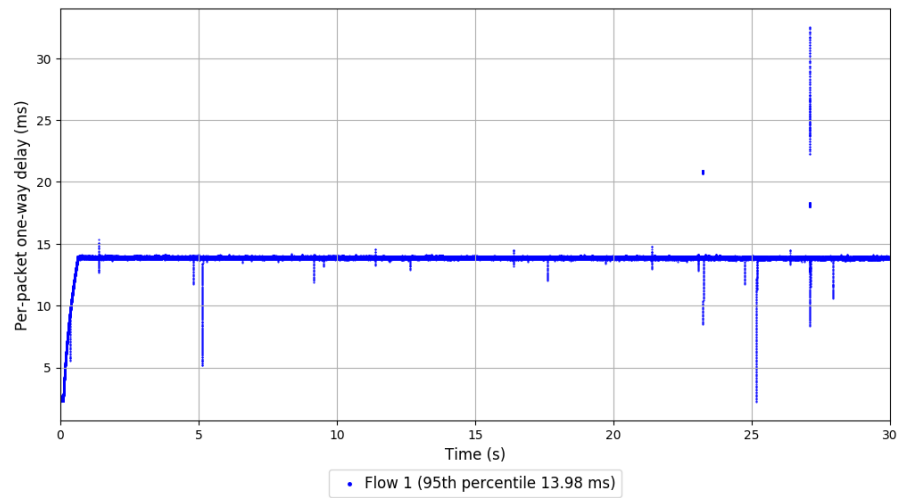
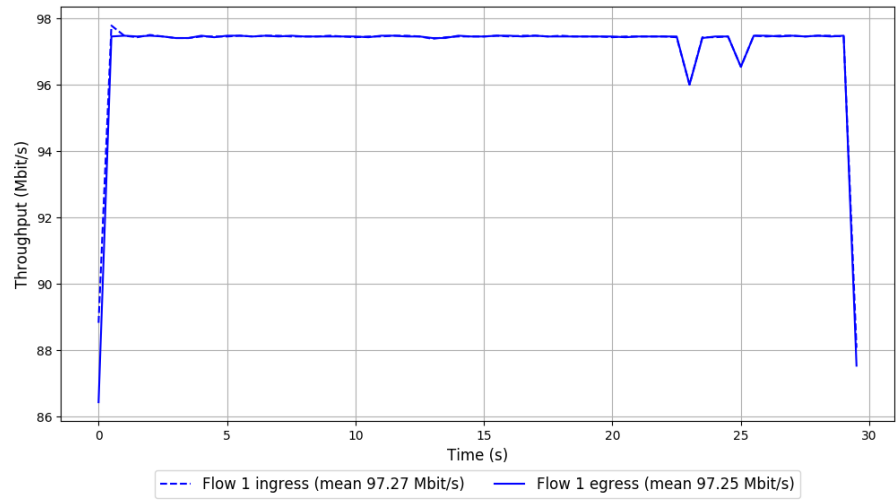
-- Flow 1:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 13.976 ms

Loss rate: 0.06%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-01-01 22:43:07

End at: 2018-01-01 22:43:37

Local clock offset: 8.233 ms

Remote clock offset: 0.387 ms

Below is generated by plot.py at 2018-01-02 03:20:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 14.056 ms

Loss rate: 0.06%

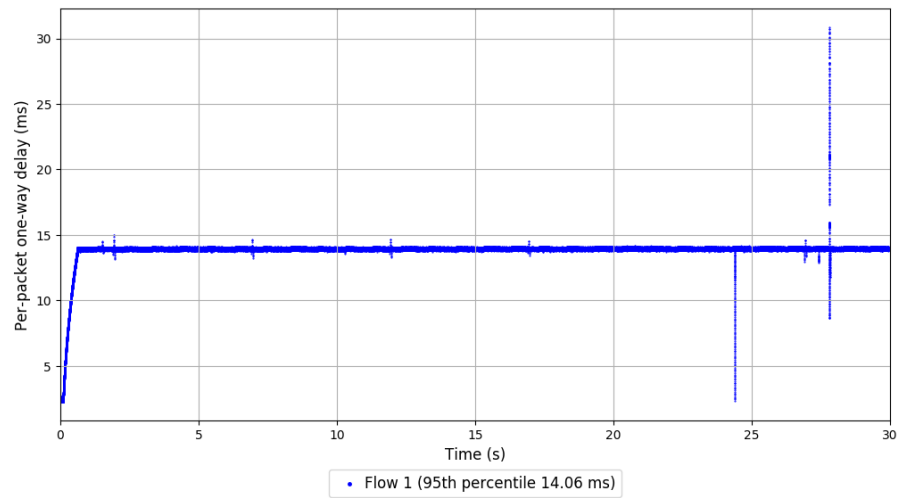
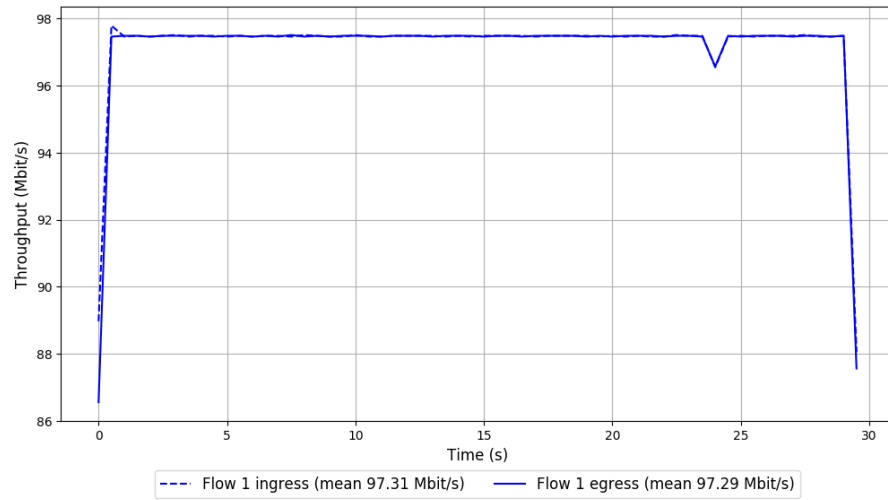
-- Flow 1:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 14.056 ms

Loss rate: 0.06%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-01-01 23:00:05

End at: 2018-01-01 23:00:36

Local clock offset: 9.616 ms

Remote clock offset: 0.236 ms

Below is generated by plot.py at 2018-01-02 03:20:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.27 Mbit/s

95th percentile per-packet one-way delay: 14.027 ms

Loss rate: 0.06%

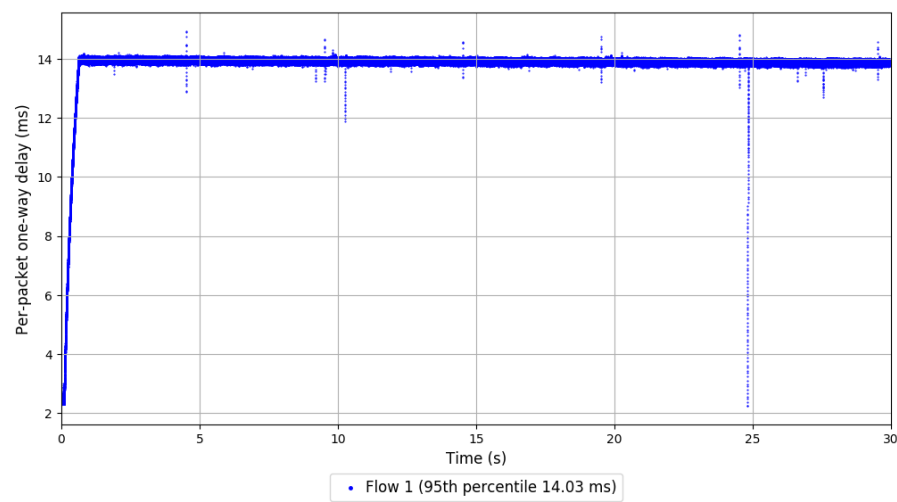
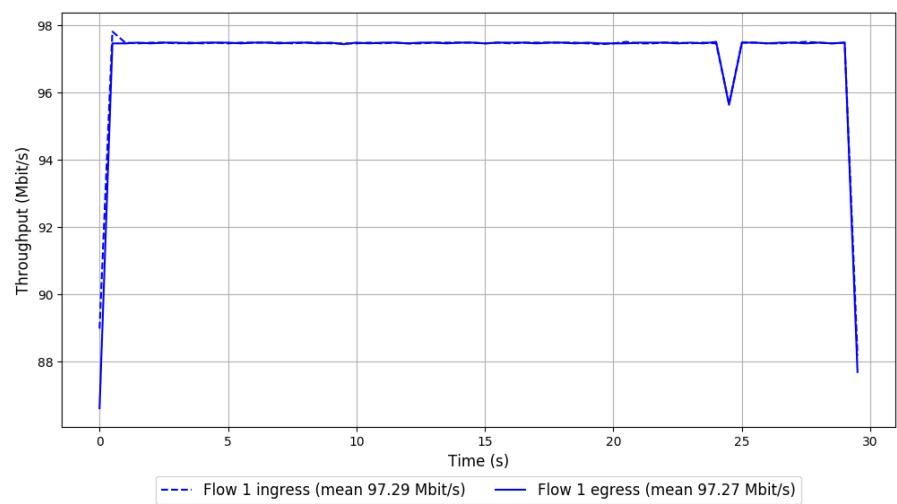
-- Flow 1:

Average throughput: 97.27 Mbit/s

95th percentile per-packet one-way delay: 14.027 ms

Loss rate: 0.06%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-01-01 23:17:02

End at: 2018-01-01 23:17:32

Local clock offset: 13.09 ms

Remote clock offset: 0.243 ms

Below is generated by plot.py at 2018-01-02 03:20:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 14.309 ms

Loss rate: 0.06%

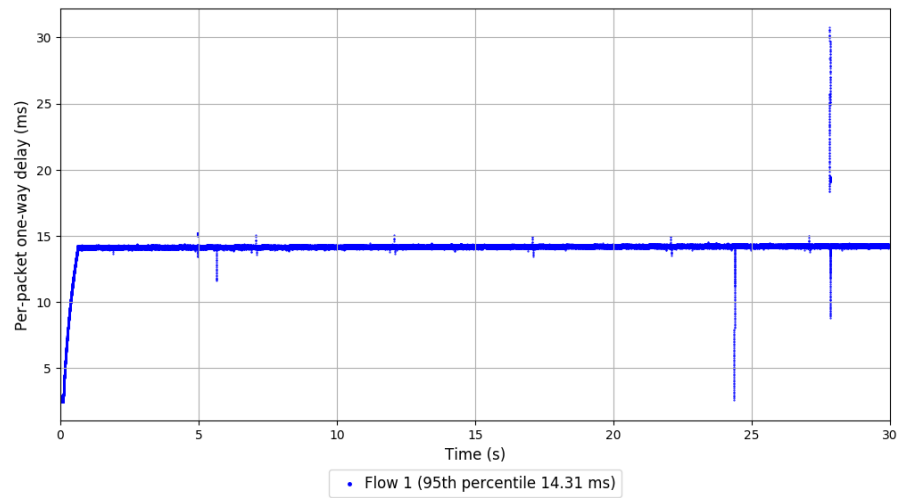
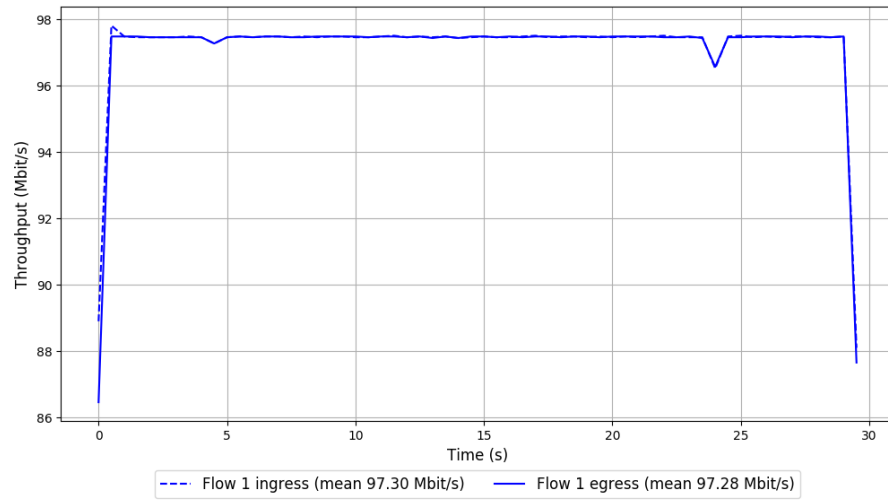
-- Flow 1:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 14.309 ms

Loss rate: 0.06%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-01-01 23:34:01

End at: 2018-01-01 23:34:31

Local clock offset: 3.17 ms

Remote clock offset: 0.187 ms

Below is generated by plot.py at 2018-01-02 03:20:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 14.441 ms

Loss rate: 0.06%

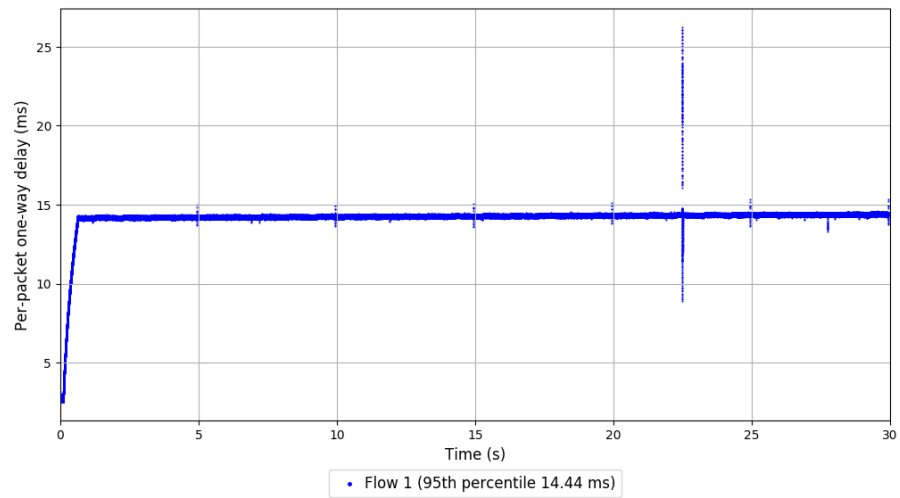
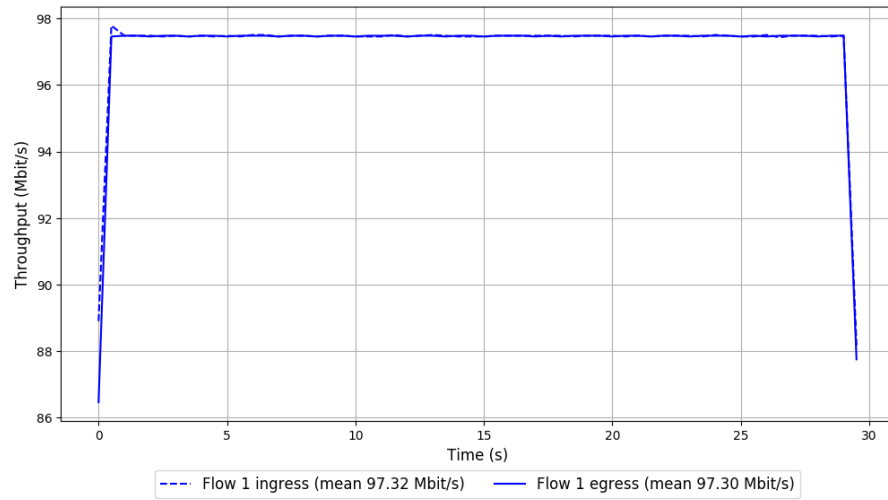
-- Flow 1:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 14.441 ms

Loss rate: 0.06%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-01-01 23:50:56

End at: 2018-01-01 23:51:26

Local clock offset: -0.241 ms

Remote clock offset: 0.026 ms

Below is generated by plot.py at 2018-01-02 03:20:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 14.070 ms

Loss rate: 0.06%

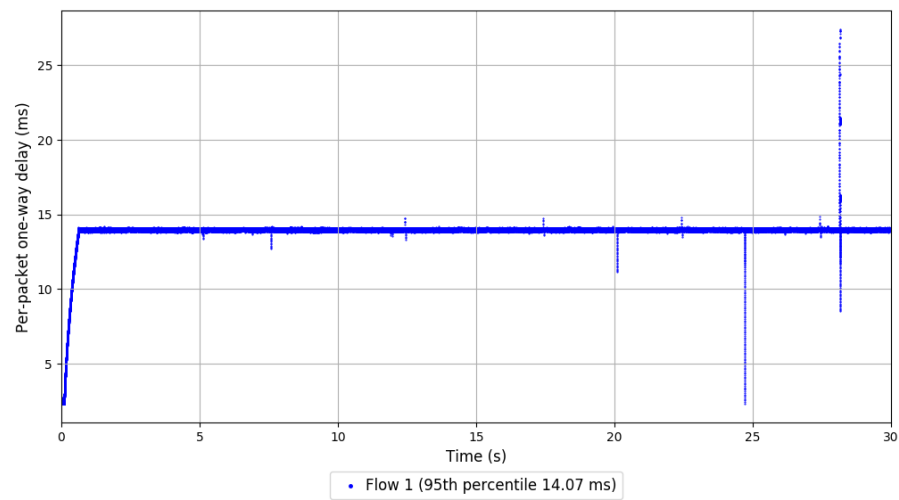
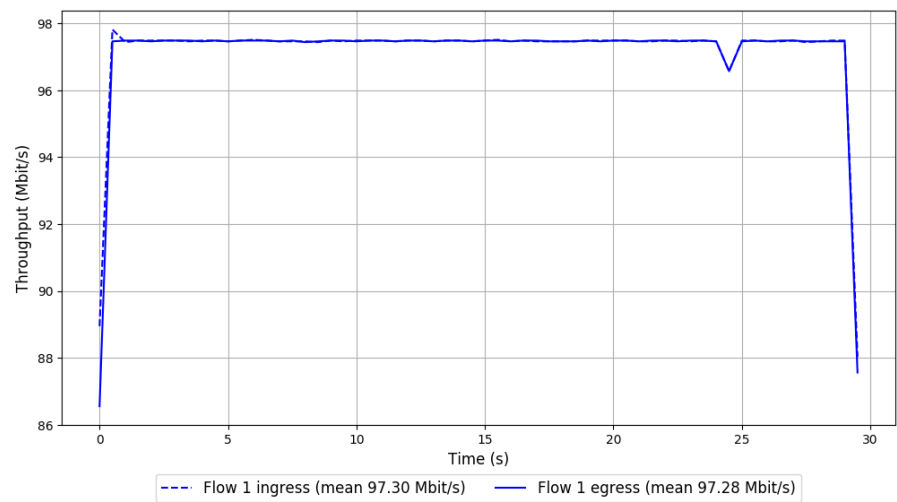
-- Flow 1:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 14.070 ms

Loss rate: 0.06%

Run 9: Report of LEDBAT — Data Link

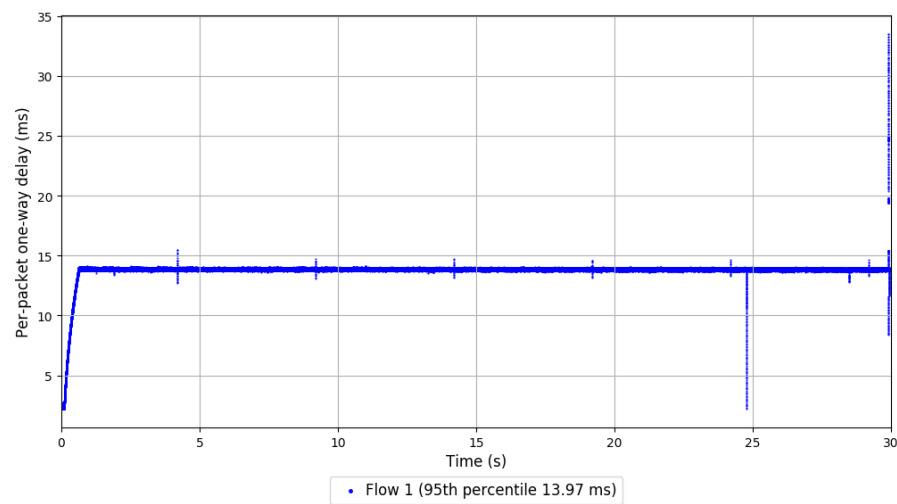
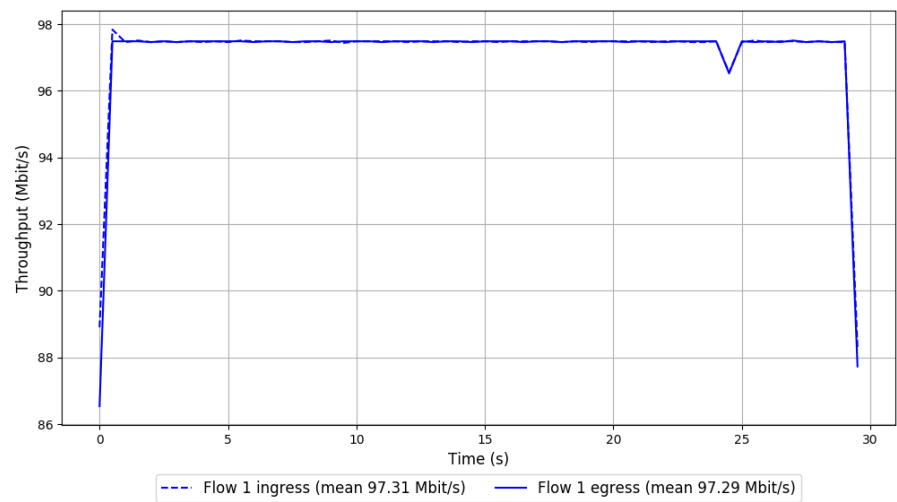


Run 10: Statistics of LEDBAT

Start at: 2018-01-02 00:07:55
End at: 2018-01-02 00:08:25
Local clock offset: 0.671 ms
Remote clock offset: -0.114 ms

Below is generated by plot.py at 2018-01-02 03:20:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 13.970 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 13.970 ms
Loss rate: 0.06%

Run 10: Report of LEDBAT — Data Link

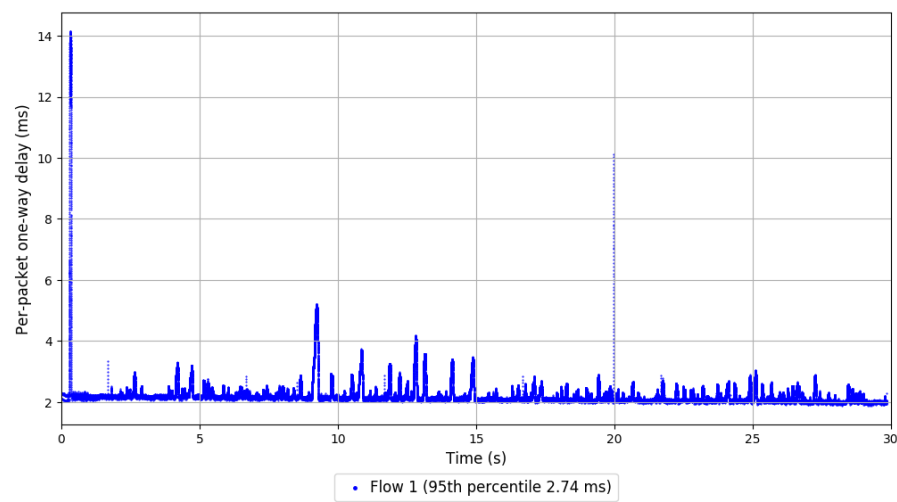
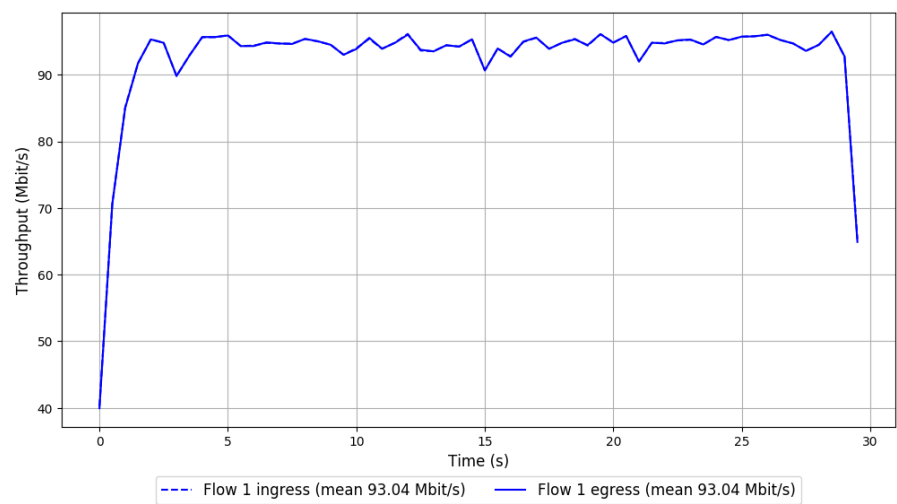


```
Run 1: Statistics of PCC

Start at: 2018-01-01 21:39:50
End at: 2018-01-01 21:40:20
Local clock offset: 2.641 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at 2018-01-02 03:20:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 2.736 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 2.736 ms
Loss rate: 0.01%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-01-01 21:56:49

End at: 2018-01-01 21:57:19

Local clock offset: 4.86 ms

Remote clock offset: 0.062 ms

Below is generated by plot.py at 2018-01-02 03:20:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.38 Mbit/s

95th percentile per-packet one-way delay: 2.873 ms

Loss rate: 0.02%

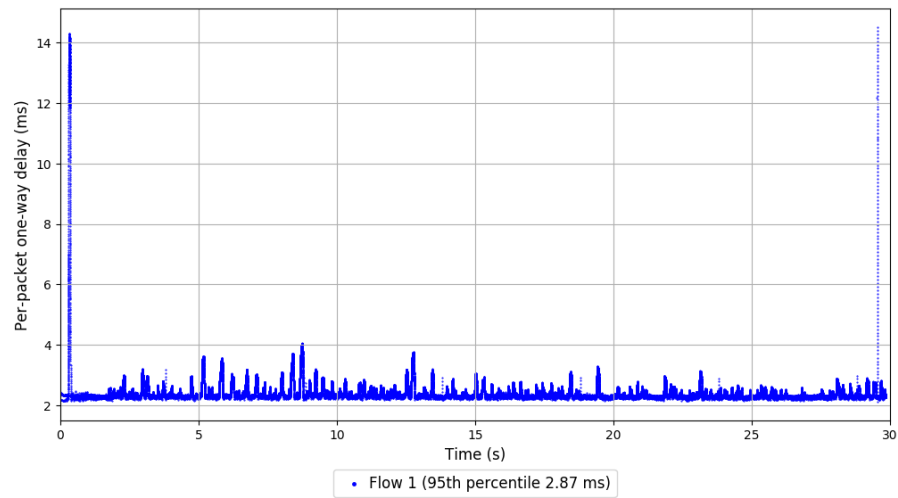
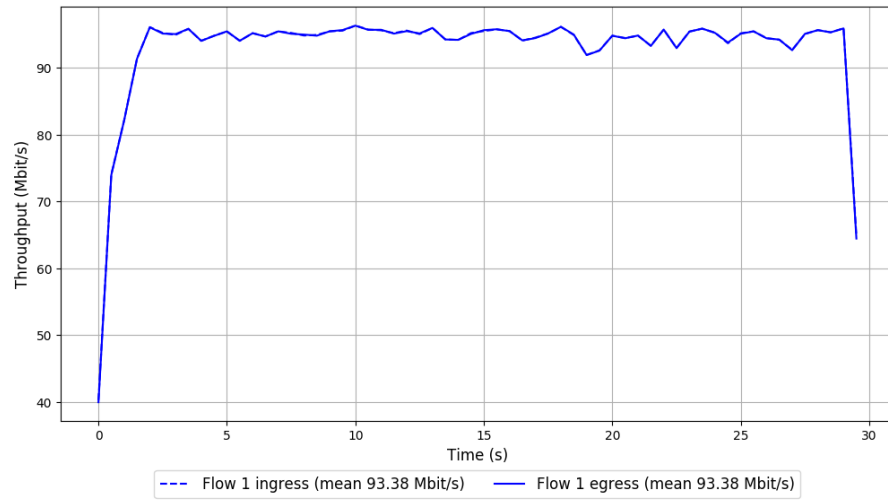
-- Flow 1:

Average throughput: 93.38 Mbit/s

95th percentile per-packet one-way delay: 2.873 ms

Loss rate: 0.02%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-01-01 22:13:48

End at: 2018-01-01 22:14:18

Local clock offset: 8.831 ms

Remote clock offset: 0.124 ms

Below is generated by plot.py at 2018-01-02 03:22:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.93 Mbit/s

95th percentile per-packet one-way delay: 3.213 ms

Loss rate: 0.02%

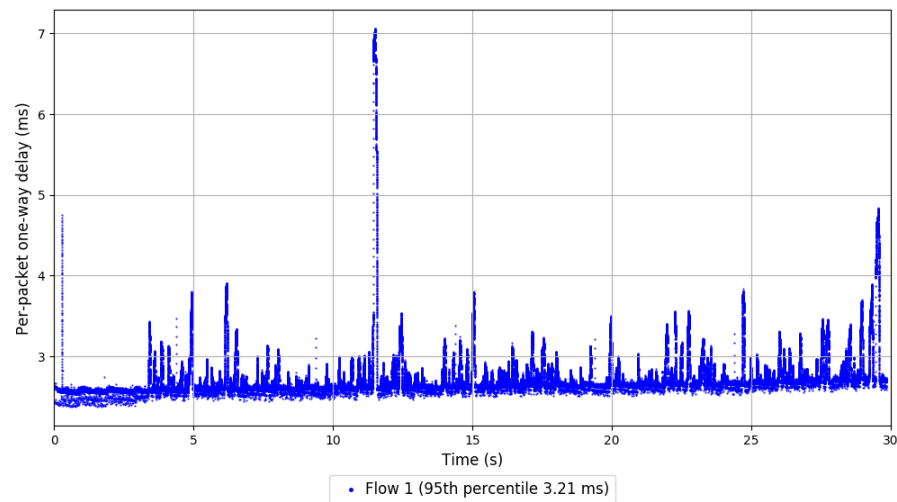
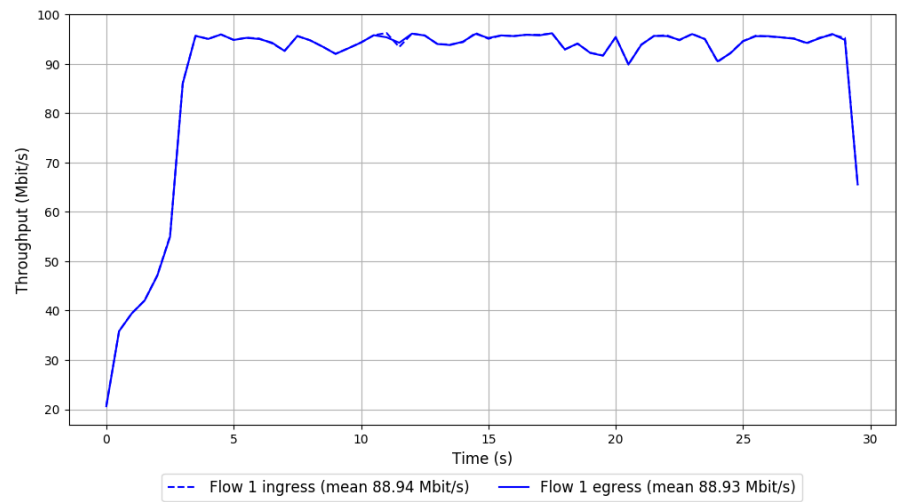
-- Flow 1:

Average throughput: 88.93 Mbit/s

95th percentile per-packet one-way delay: 3.213 ms

Loss rate: 0.02%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-01-01 22:30:46

End at: 2018-01-01 22:31:16

Local clock offset: 7.214 ms

Remote clock offset: 0.321 ms

Below is generated by plot.py at 2018-01-02 03:22:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.59 Mbit/s

95th percentile per-packet one-way delay: 2.597 ms

Loss rate: 0.02%

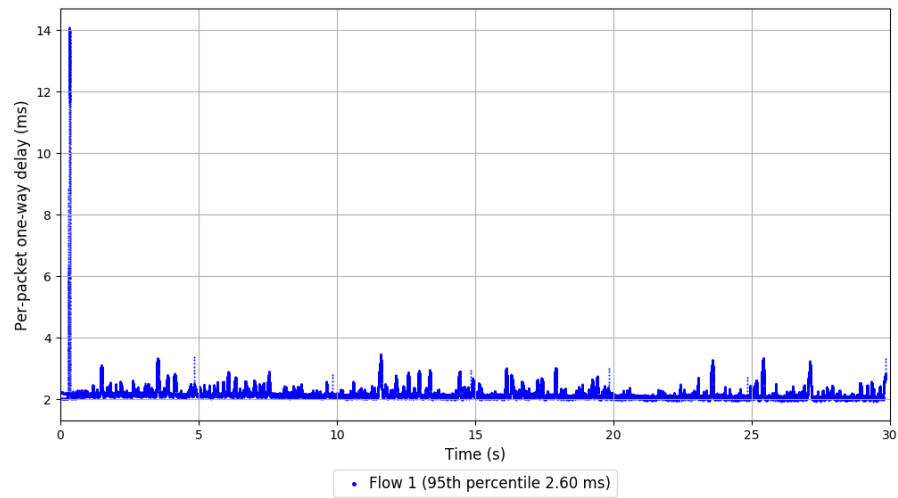
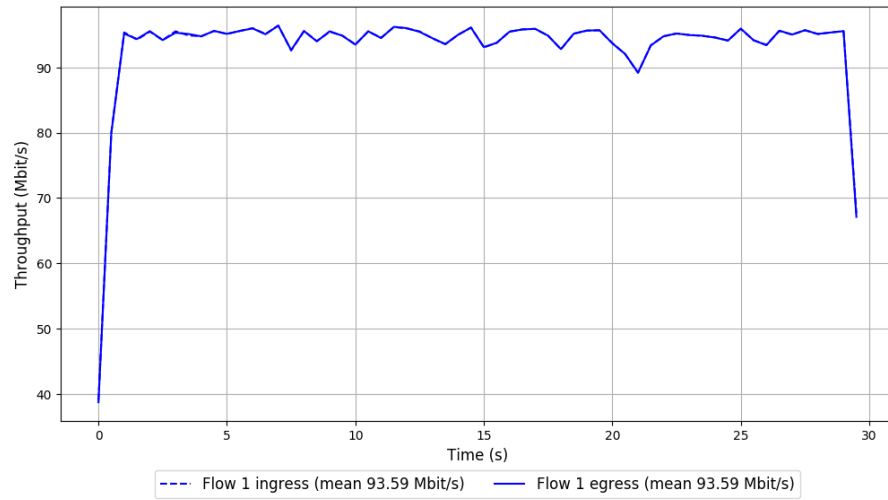
-- Flow 1:

Average throughput: 93.59 Mbit/s

95th percentile per-packet one-way delay: 2.597 ms

Loss rate: 0.02%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-01-01 22:47:45

End at: 2018-01-01 22:48:15

Local clock offset: 8.247 ms

Remote clock offset: 0.361 ms

Below is generated by plot.py at 2018-01-02 03:22:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.80 Mbit/s

95th percentile per-packet one-way delay: 3.026 ms

Loss rate: 0.01%

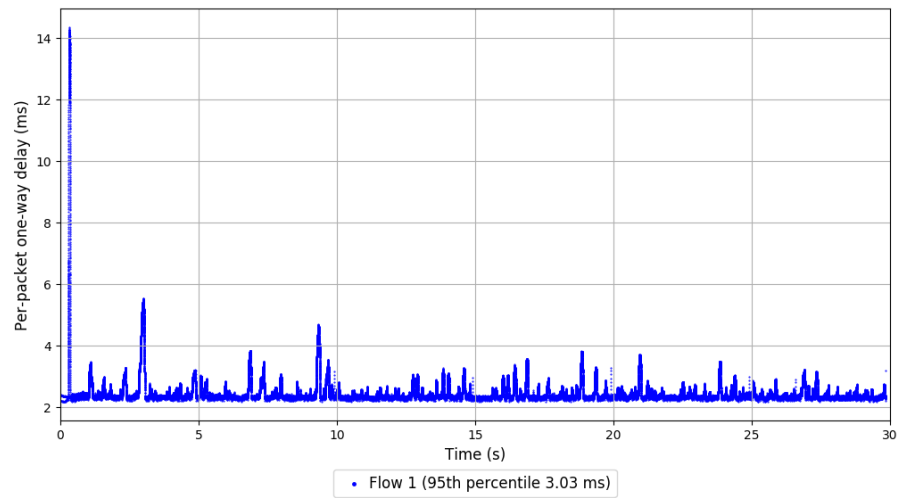
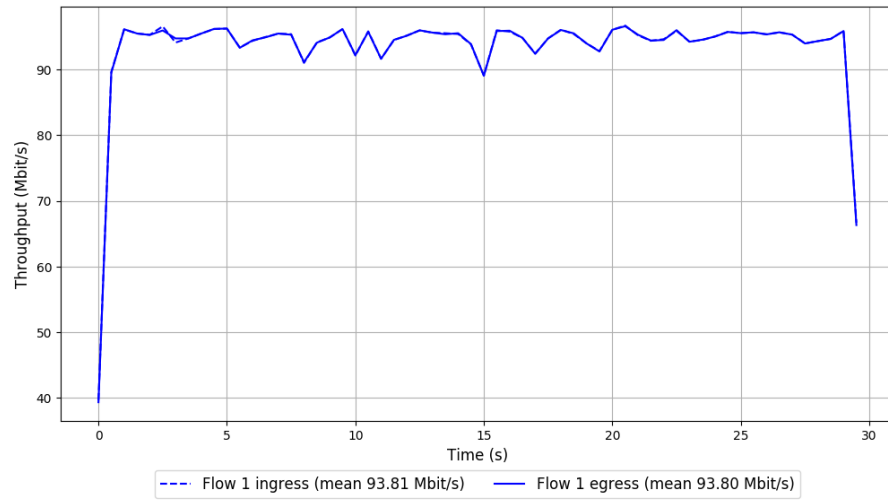
-- Flow 1:

Average throughput: 93.80 Mbit/s

95th percentile per-packet one-way delay: 3.026 ms

Loss rate: 0.01%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-01-01 23:04:42

End at: 2018-01-01 23:05:12

Local clock offset: 10.537 ms

Remote clock offset: 0.286 ms

Below is generated by plot.py at 2018-01-02 03:22:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.43 Mbit/s

95th percentile per-packet one-way delay: 4.734 ms

Loss rate: 0.02%

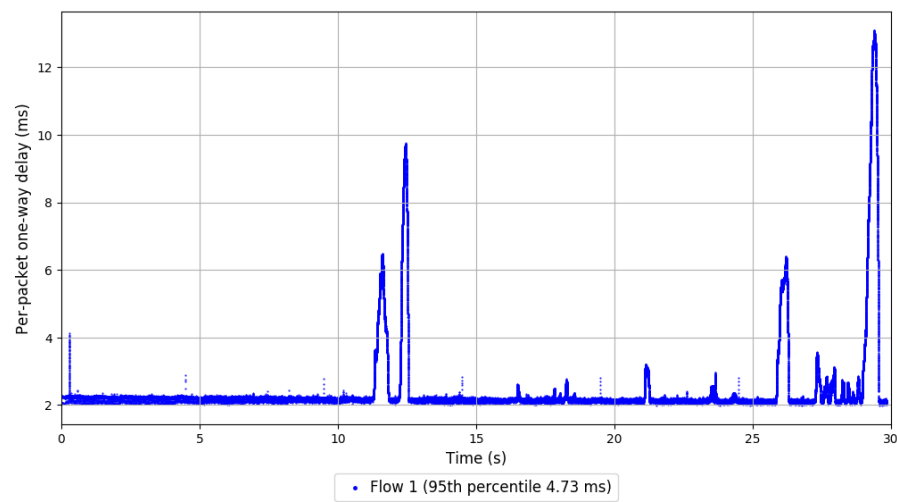
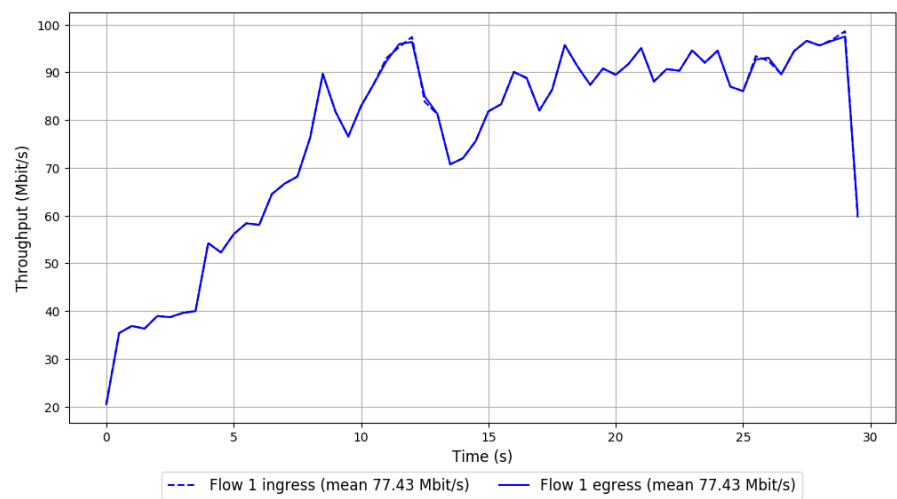
-- Flow 1:

Average throughput: 77.43 Mbit/s

95th percentile per-packet one-way delay: 4.734 ms

Loss rate: 0.02%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-01-01 23:21:41

End at: 2018-01-01 23:22:11

Local clock offset: 12.058 ms

Remote clock offset: 0.237 ms

Below is generated by plot.py at 2018-01-02 03:22:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.43 Mbit/s

95th percentile per-packet one-way delay: 3.025 ms

Loss rate: 0.02%

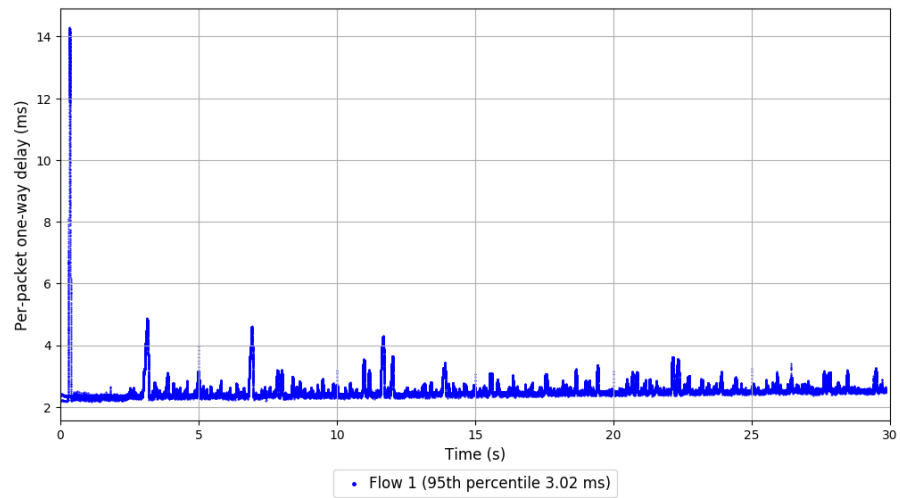
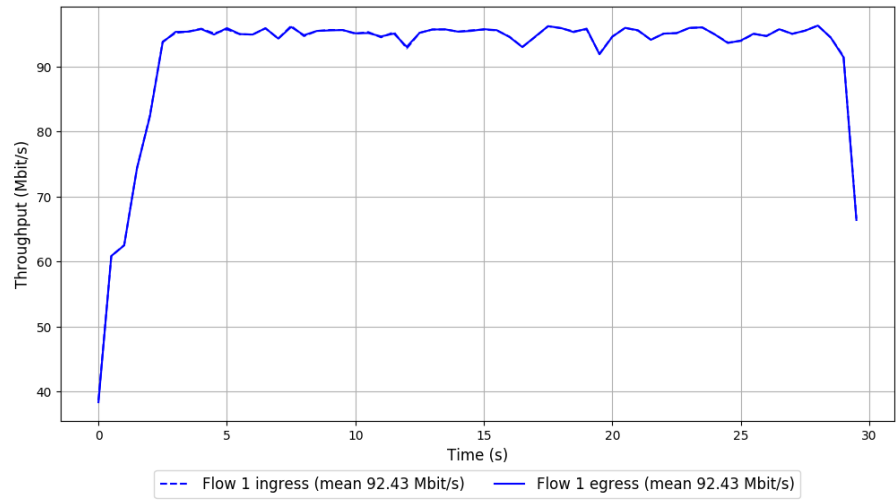
-- Flow 1:

Average throughput: 92.43 Mbit/s

95th percentile per-packet one-way delay: 3.025 ms

Loss rate: 0.02%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-01-01 23:38:39

End at: 2018-01-01 23:39:09

Local clock offset: 1.355 ms

Remote clock offset: 0.159 ms

Below is generated by plot.py at 2018-01-02 03:22:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 3.032 ms

Loss rate: 0.02%

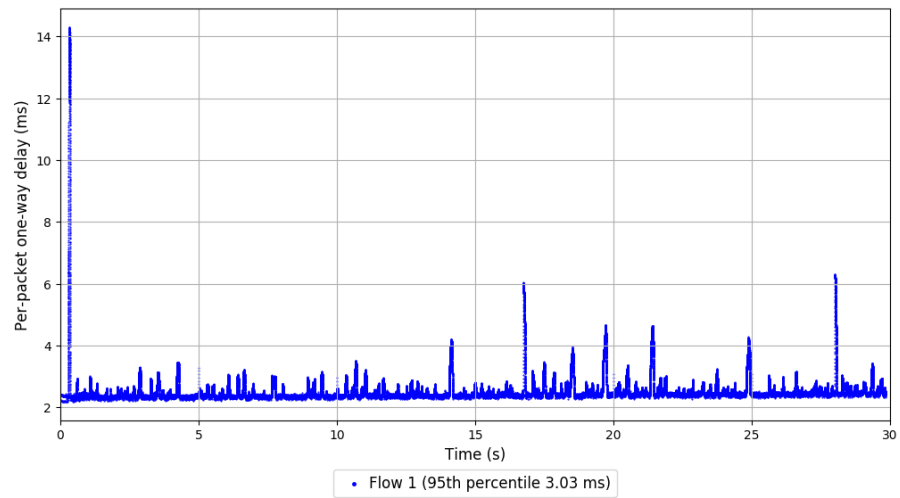
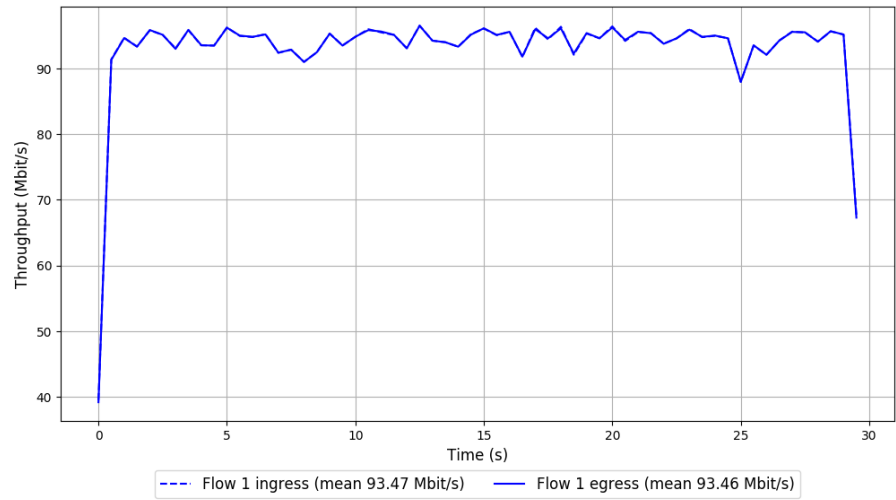
-- Flow 1:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 3.032 ms

Loss rate: 0.02%

Run 8: Report of PCC — Data Link

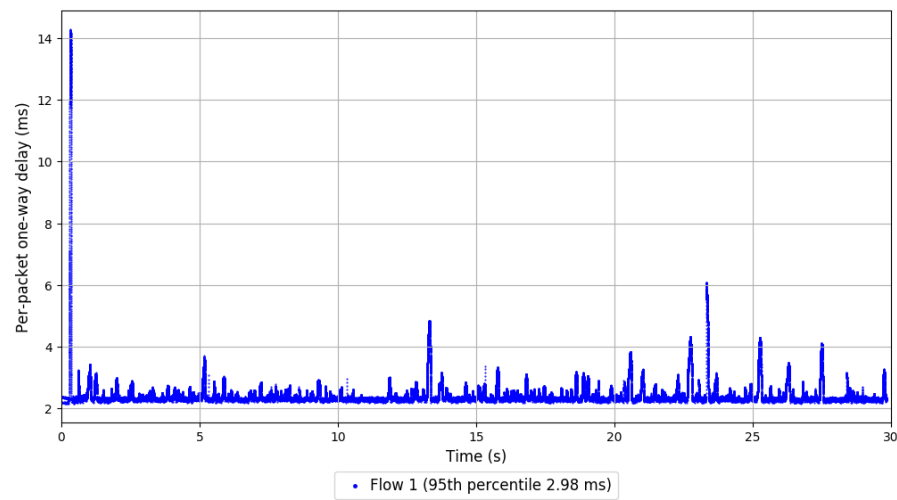
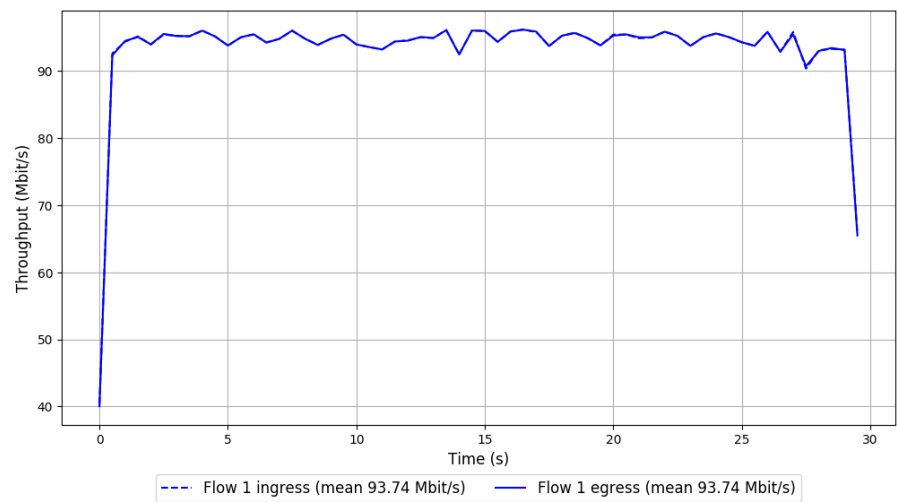


Run 9: Statistics of PCC

Start at: 2018-01-01 23:55:35
End at: 2018-01-01 23:56:05
Local clock offset: -0.264 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2018-01-02 03:22:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 2.982 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 2.982 ms
Loss rate: 0.02%

Run 9: Report of PCC — Data Link

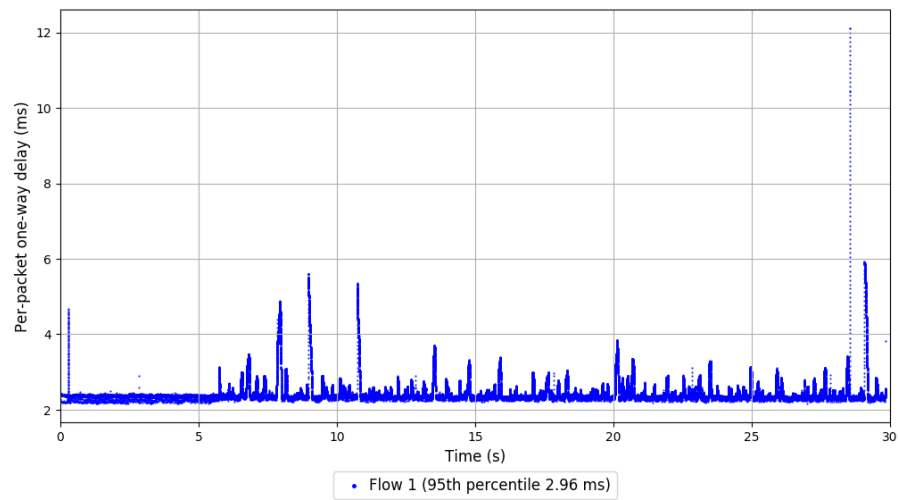
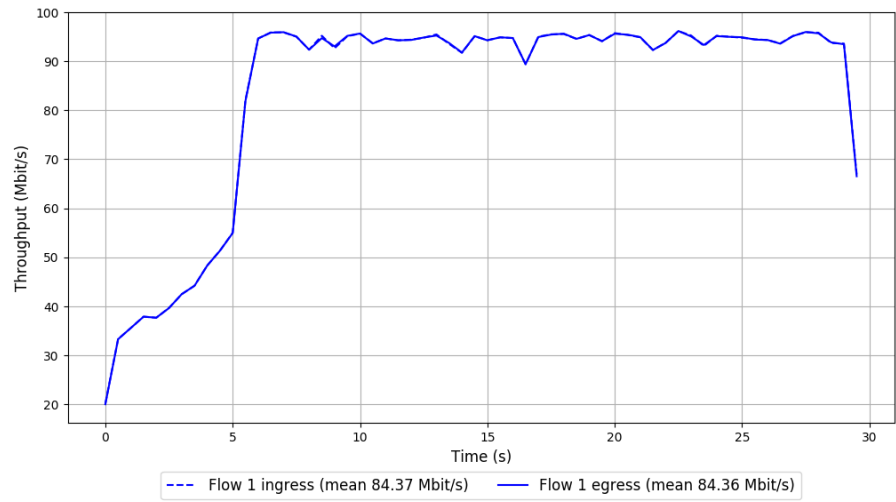


Run 10: Statistics of PCC

Start at: 2018-01-02 00:12:33
End at: 2018-01-02 00:13:03
Local clock offset: 1.077 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2018-01-02 03:22:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.36 Mbit/s
95th percentile per-packet one-way delay: 2.961 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.36 Mbit/s
95th percentile per-packet one-way delay: 2.961 ms
Loss rate: 0.02%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-01-01 21:36:22

End at: 2018-01-01 21:36:52

Local clock offset: 0.46 ms

Remote clock offset: -0.066 ms

Below is generated by plot.py at 2018-01-02 03:23:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.68 Mbit/s

95th percentile per-packet one-way delay: 2.162 ms

Loss rate: 0.02%

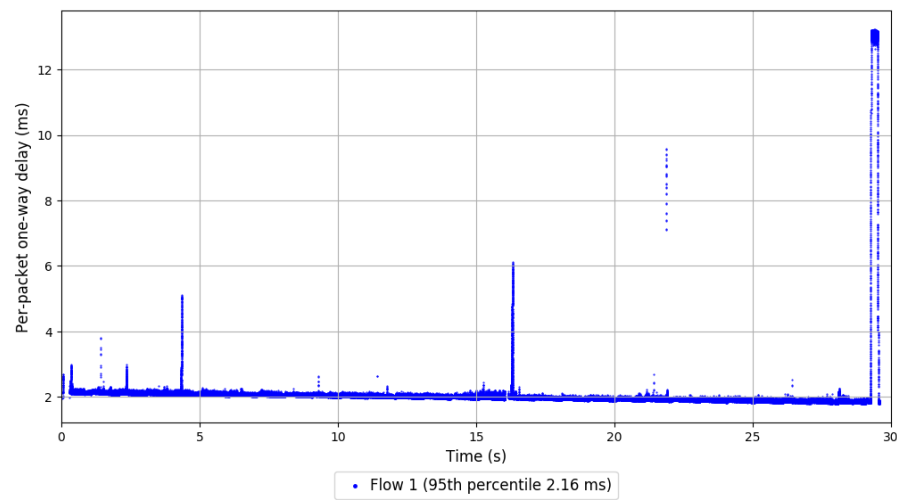
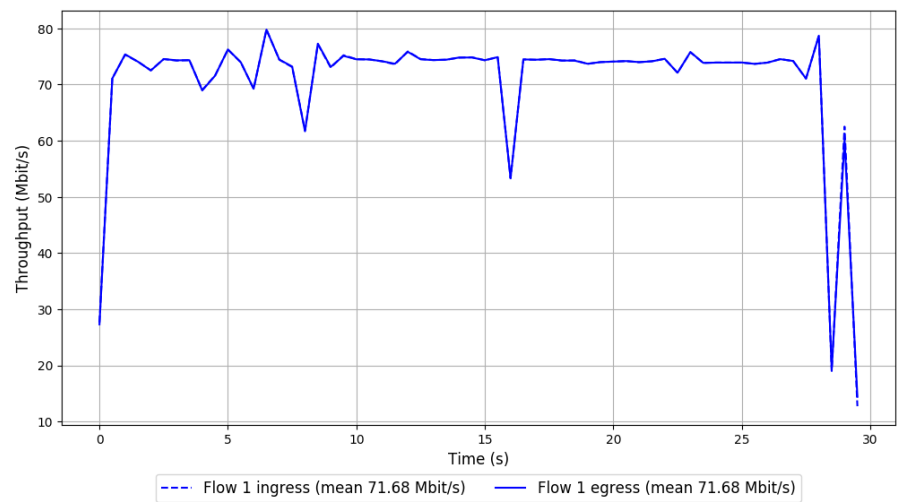
-- Flow 1:

Average throughput: 71.68 Mbit/s

95th percentile per-packet one-way delay: 2.162 ms

Loss rate: 0.02%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-01-01 21:53:21

End at: 2018-01-01 21:53:51

Local clock offset: 5.191 ms

Remote clock offset: 0.05 ms

Below is generated by plot.py at 2018-01-02 03:23:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.57 Mbit/s

95th percentile per-packet one-way delay: 2.862 ms

Loss rate: 0.07%

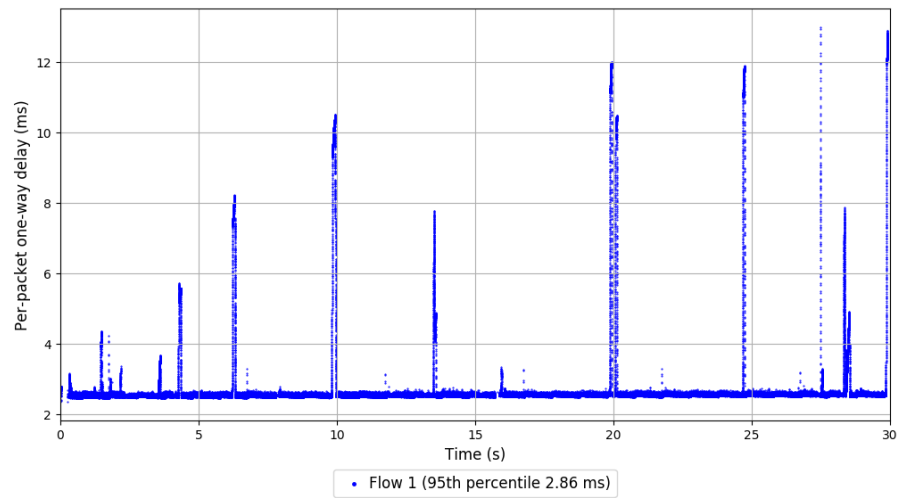
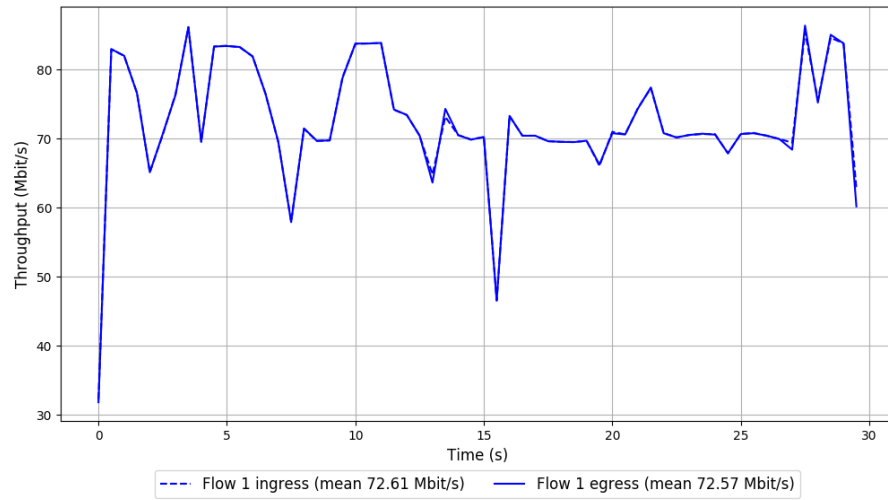
-- Flow 1:

Average throughput: 72.57 Mbit/s

95th percentile per-packet one-way delay: 2.862 ms

Loss rate: 0.07%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-01-01 22:10:19

End at: 2018-01-01 22:10:49

Local clock offset: 8.326 ms

Remote clock offset: 0.1 ms

Below is generated by plot.py at 2018-01-02 03:23:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.33 Mbit/s

95th percentile per-packet one-way delay: 13.193 ms

Loss rate: 0.02%

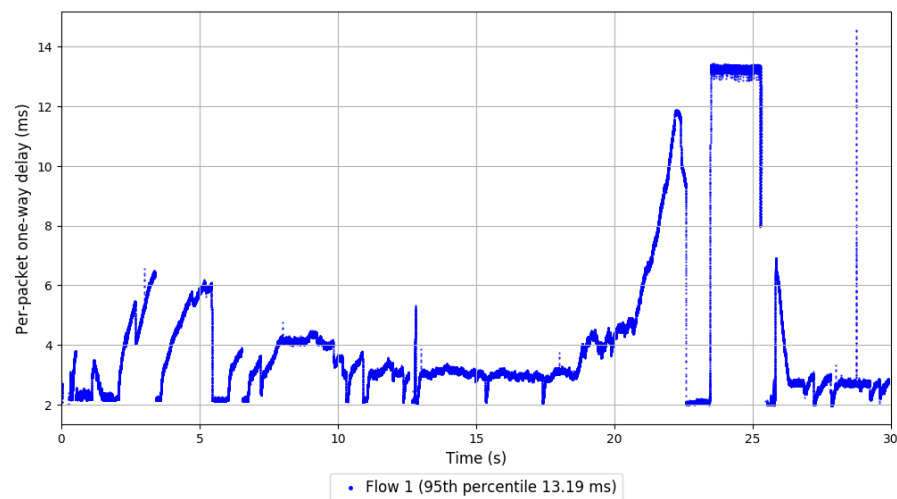
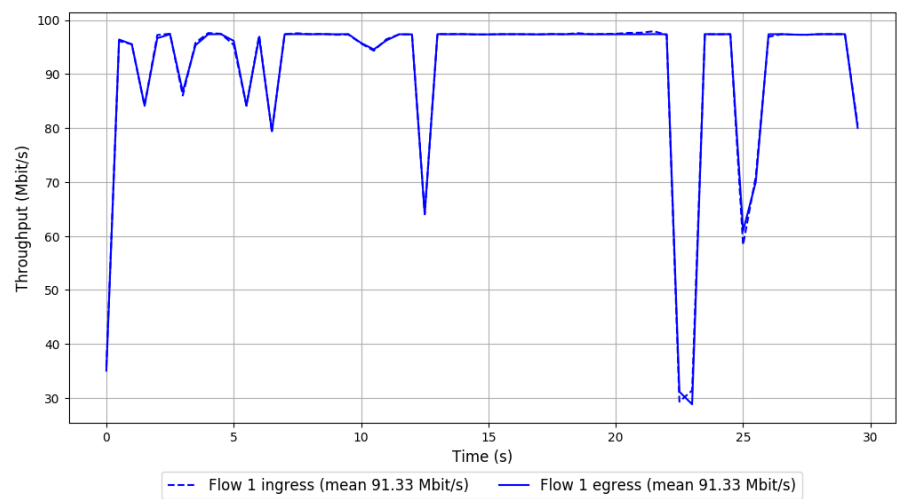
-- Flow 1:

Average throughput: 91.33 Mbit/s

95th percentile per-packet one-way delay: 13.193 ms

Loss rate: 0.02%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-01-01 22:27:18

End at: 2018-01-01 22:27:48

Local clock offset: 6.599 ms

Remote clock offset: 0.263 ms

Below is generated by plot.py at 2018-01-02 03:23:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.41 Mbit/s

95th percentile per-packet one-way delay: 2.320 ms

Loss rate: 0.02%

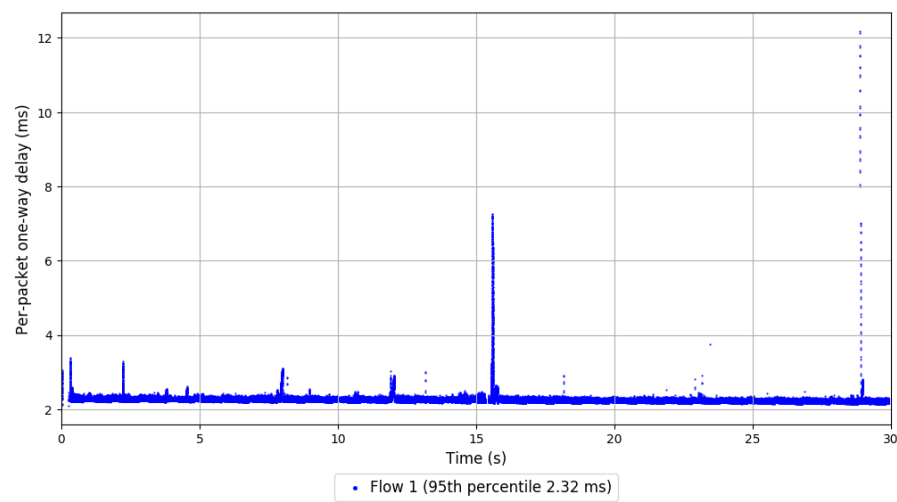
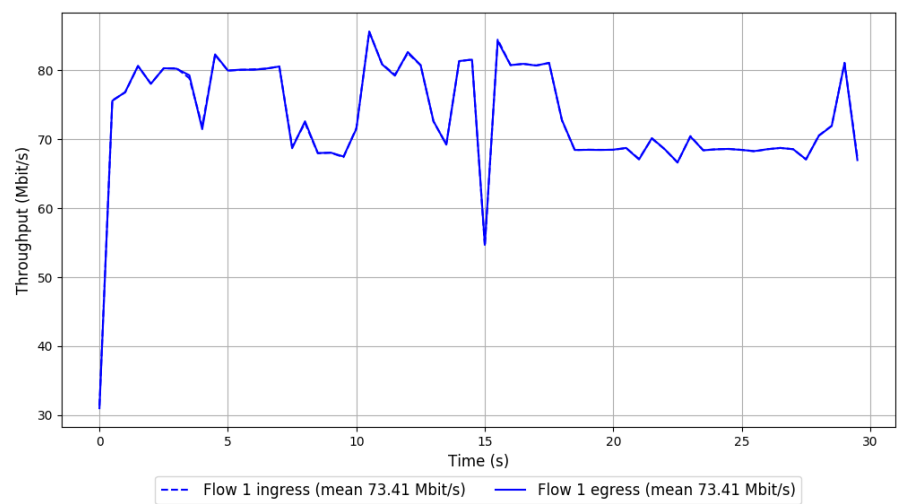
-- Flow 1:

Average throughput: 73.41 Mbit/s

95th percentile per-packet one-way delay: 2.320 ms

Loss rate: 0.02%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-01-01 22:44:17

End at: 2018-01-01 22:44:47

Local clock offset: 8.224 ms

Remote clock offset: 0.311 ms

Below is generated by plot.py at 2018-01-02 03:23:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.38 Mbit/s

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

Loss rate: 0.02%

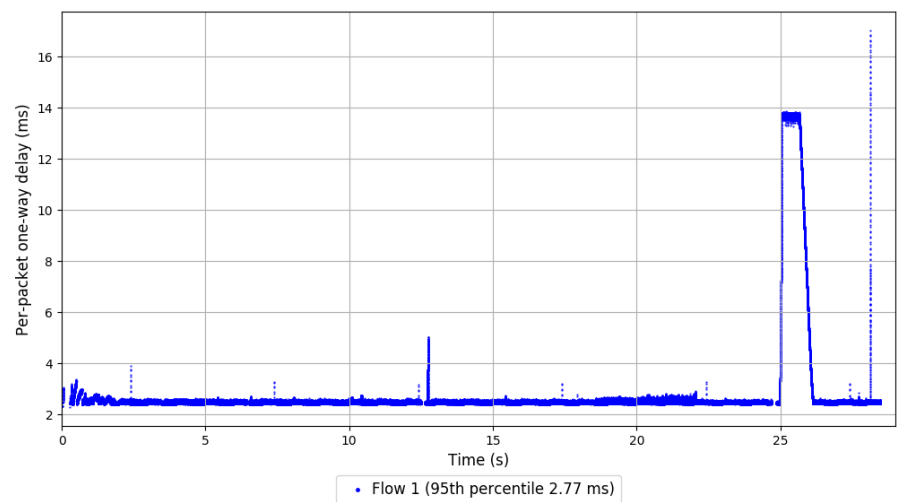
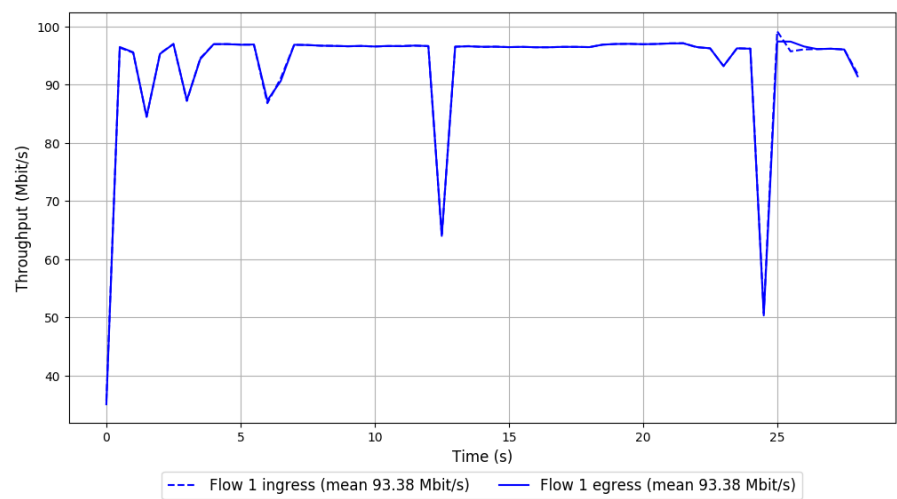
-- Flow 1:

Average throughput: 93.38 Mbit/s

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

Loss rate: 0.02%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

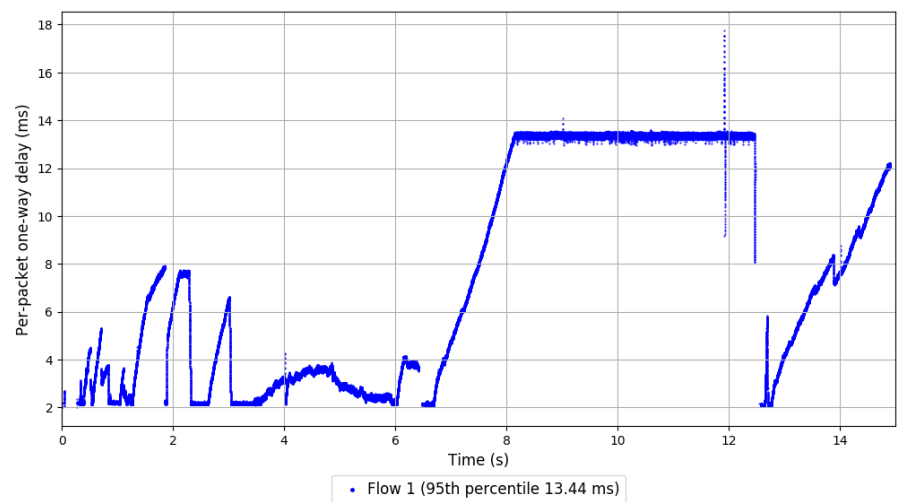
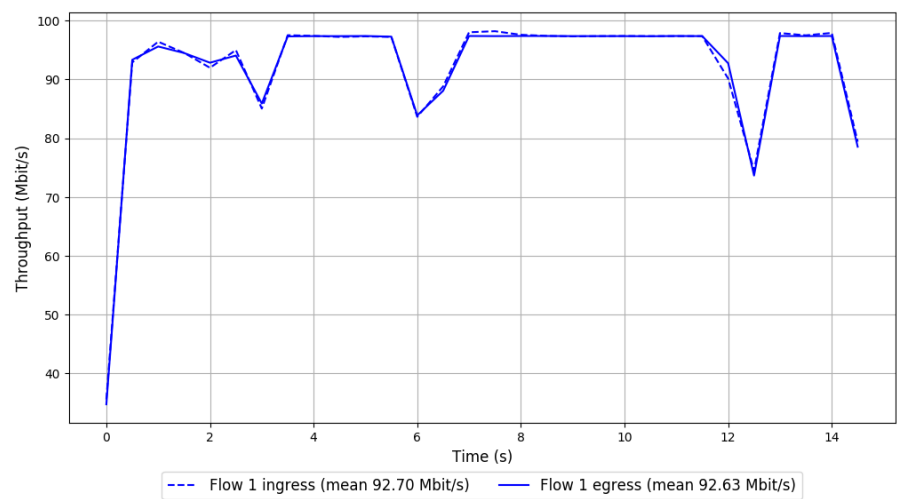
Start at: 2018-01-01 23:01:15

End at: 2018-01-01 23:01:45

Local clock offset: 9.811 ms

Remote clock offset: 0.314 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-01-01 23:18:12

End at: 2018-01-01 23:18:42

Local clock offset: 12.721 ms

Remote clock offset: 0.17 ms

Below is generated by plot.py at 2018-01-02 03:23:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.64 Mbit/s

95th percentile per-packet one-way delay: 13.854 ms

Loss rate: 0.06%

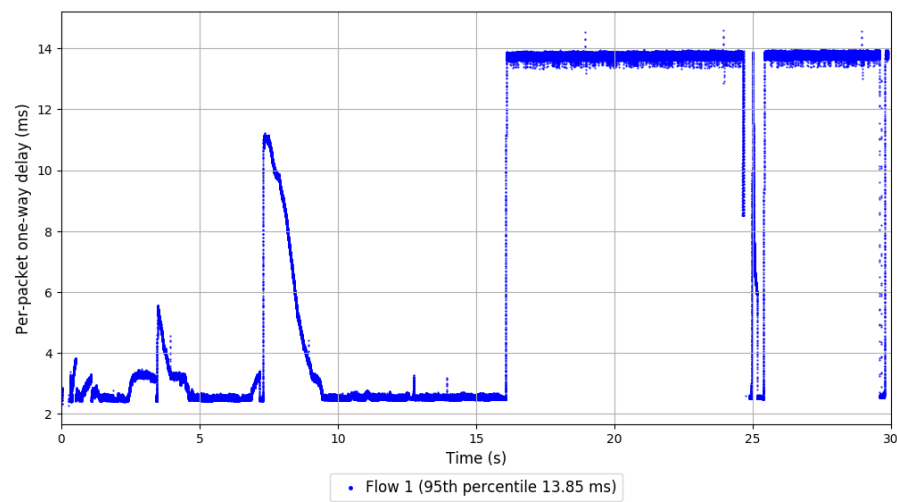
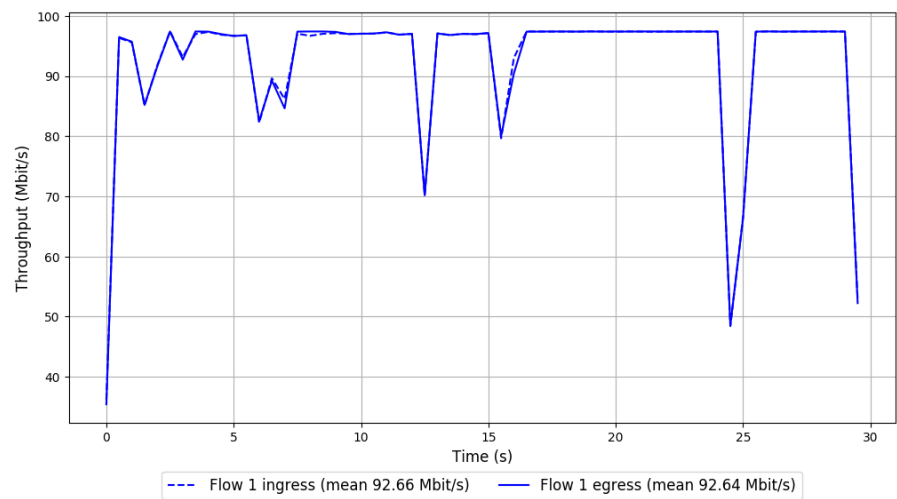
-- Flow 1:

Average throughput: 92.64 Mbit/s

95th percentile per-packet one-way delay: 13.854 ms

Loss rate: 0.06%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-01-01 23:35:11

End at: 2018-01-01 23:35:41

Local clock offset: 2.581 ms

Remote clock offset: 0.203 ms

Below is generated by plot.py at 2018-01-02 03:23:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.98 Mbit/s

95th percentile per-packet one-way delay: 11.776 ms

Loss rate: 0.02%

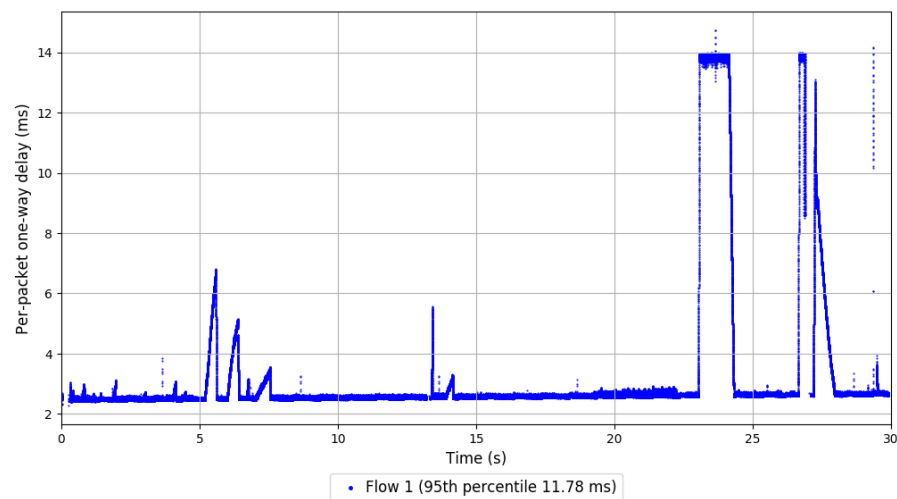
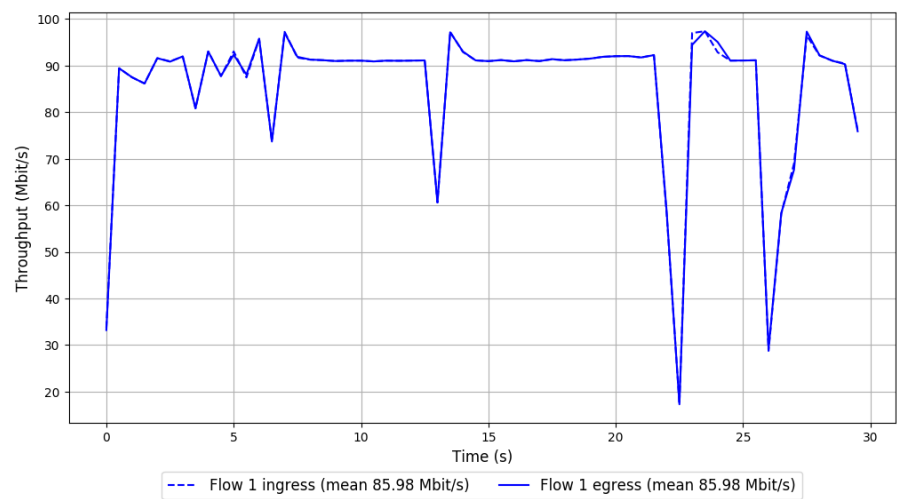
-- Flow 1:

Average throughput: 85.98 Mbit/s

95th percentile per-packet one-way delay: 11.776 ms

Loss rate: 0.02%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-01-01 23:52:06

End at: 2018-01-01 23:52:36

Local clock offset: -0.276 ms

Remote clock offset: 0.004 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.28 Mbit/s

95th percentile per-packet one-way delay: 13.564 ms

Loss rate: 0.06%

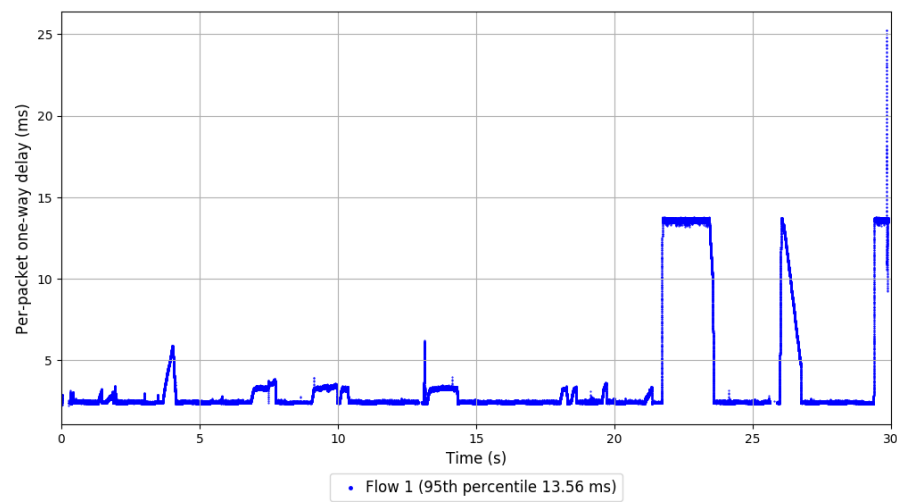
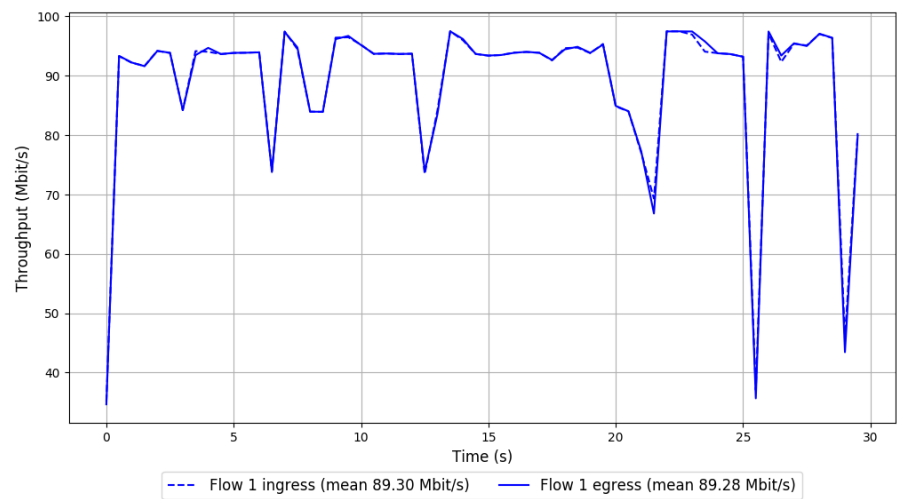
-- Flow 1:

Average throughput: 89.28 Mbit/s

95th percentile per-packet one-way delay: 13.564 ms

Loss rate: 0.06%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-01-02 00:09:05

End at: 2018-01-02 00:09:35

Local clock offset: 0.739 ms

Remote clock offset: -0.2 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.56 Mbit/s

95th percentile per-packet one-way delay: 2.416 ms

Loss rate: 0.01%

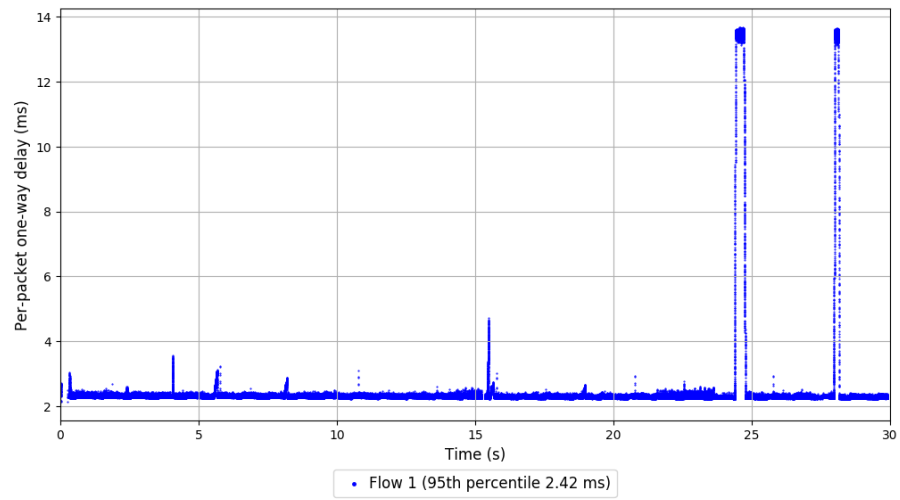
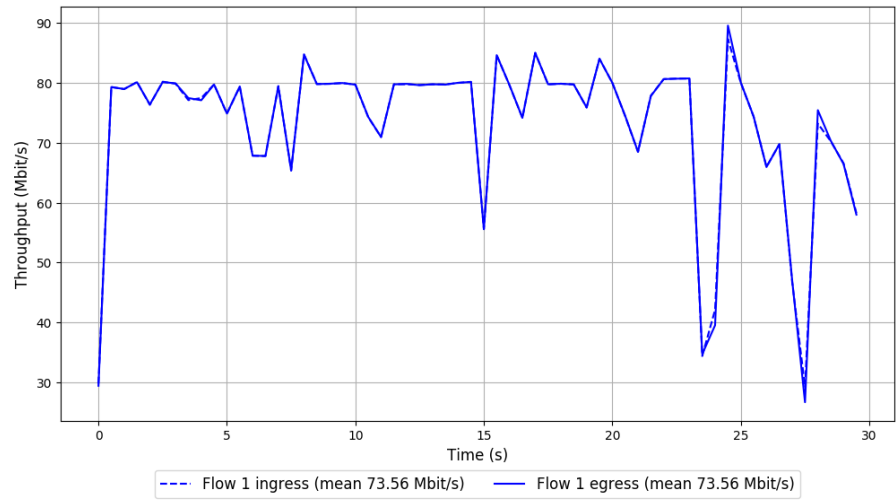
-- Flow 1:

Average throughput: 73.56 Mbit/s

95th percentile per-packet one-way delay: 2.416 ms

Loss rate: 0.01%

Run 10: Report of QUIC Cubic — Data Link

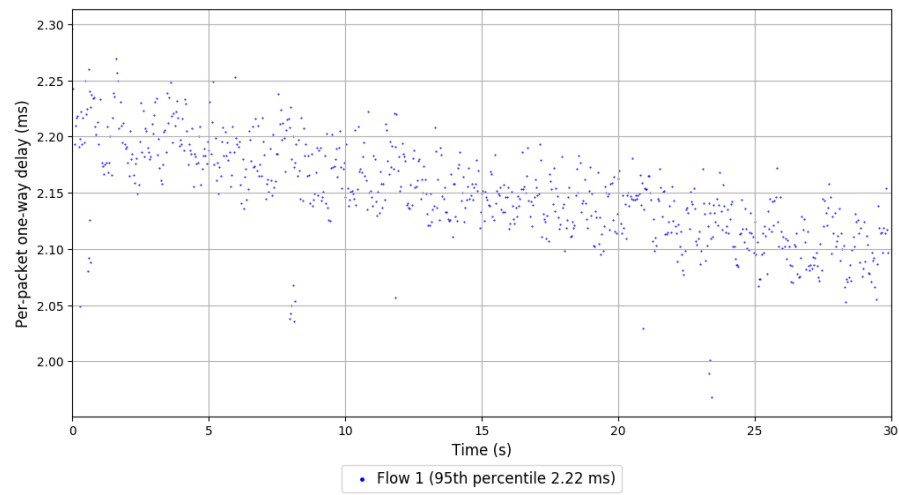
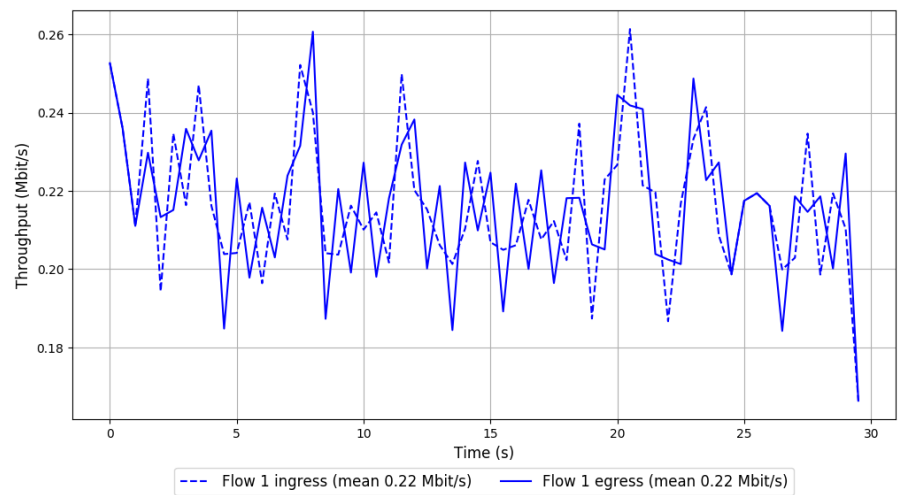


```
Run 1: Statistics of SCReAM

Start at: 2018-01-01 21:40:57
End at: 2018-01-01 21:41:27
Local clock offset: 3.027 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2018-01-02 03:24:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.220 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.220 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-01-01 21:57:56

End at: 2018-01-01 21:58:26

Local clock offset: 4.901 ms

Remote clock offset: 0.079 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.307 ms

Loss rate: 0.00%

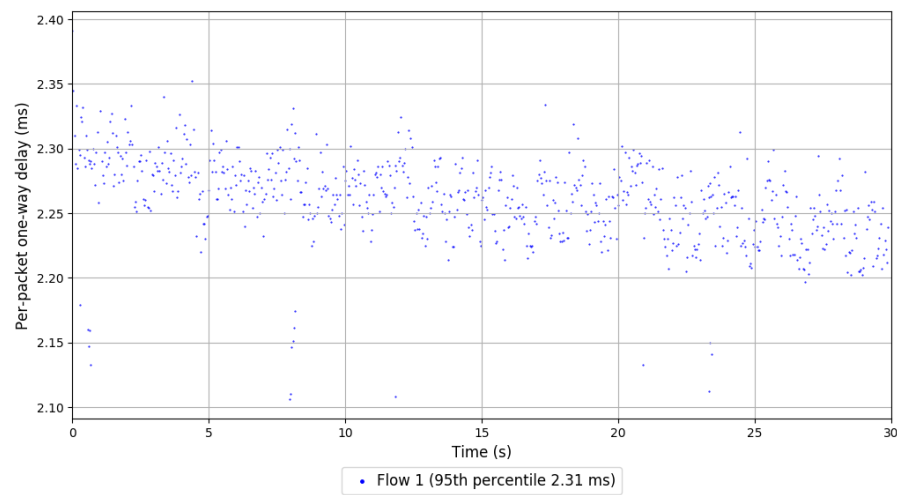
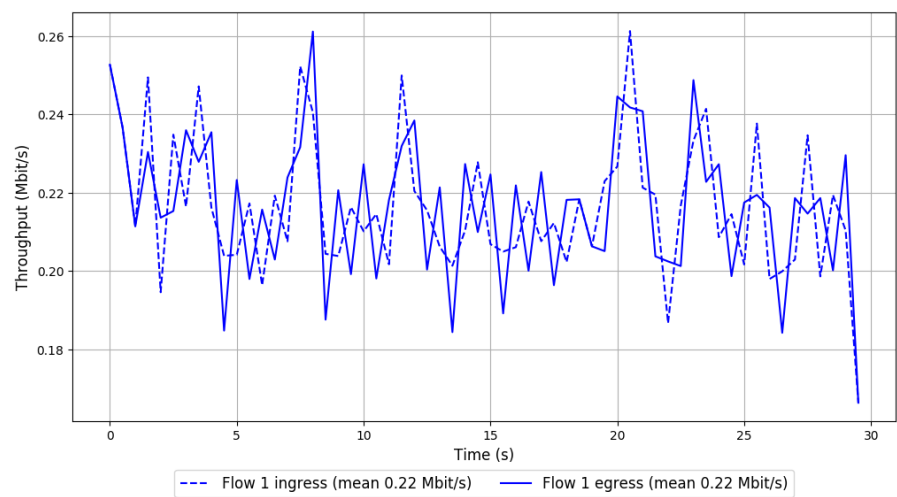
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.307 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-01-01 22:14:55

End at: 2018-01-01 22:15:25

Local clock offset: 8.492 ms

Remote clock offset: 0.202 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.834 ms

Loss rate: 0.00%

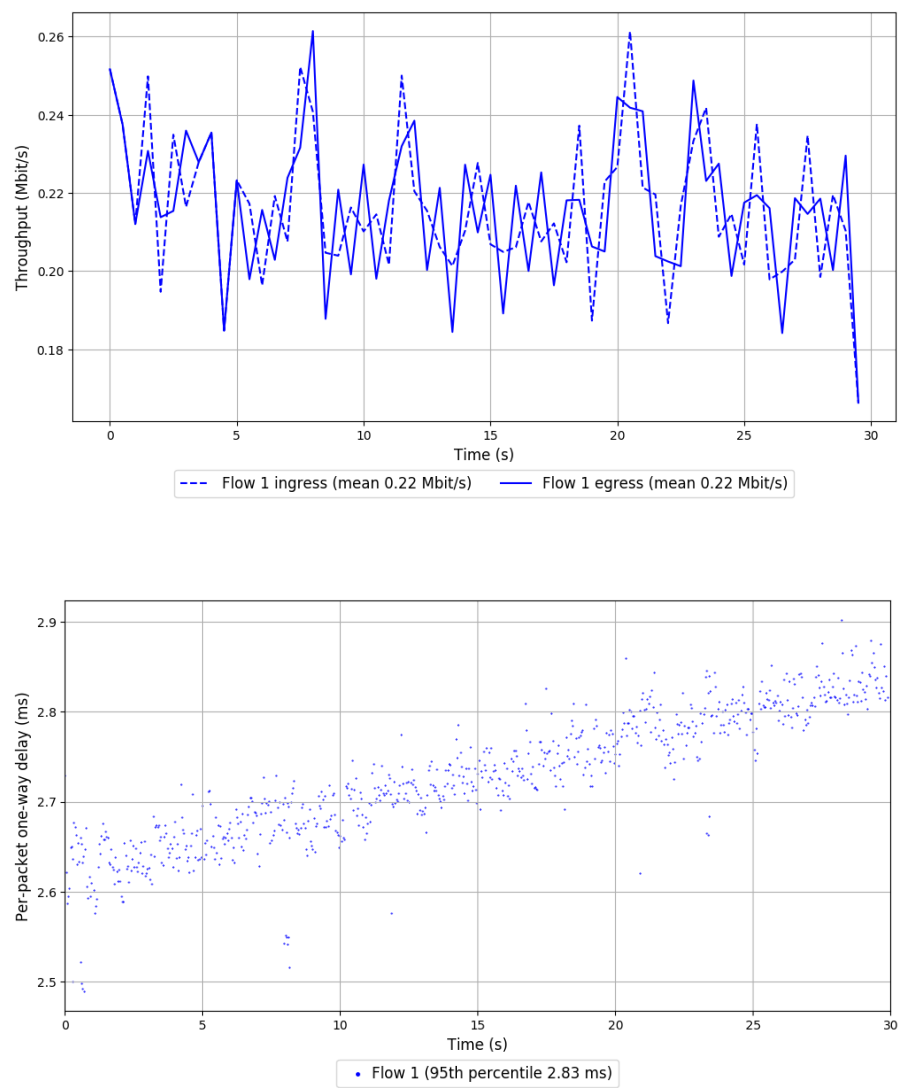
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.834 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-01-01 22:31:53

End at: 2018-01-01 22:32:23

Local clock offset: 7.539 ms

Remote clock offset: 0.243 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.332 ms

Loss rate: 0.00%

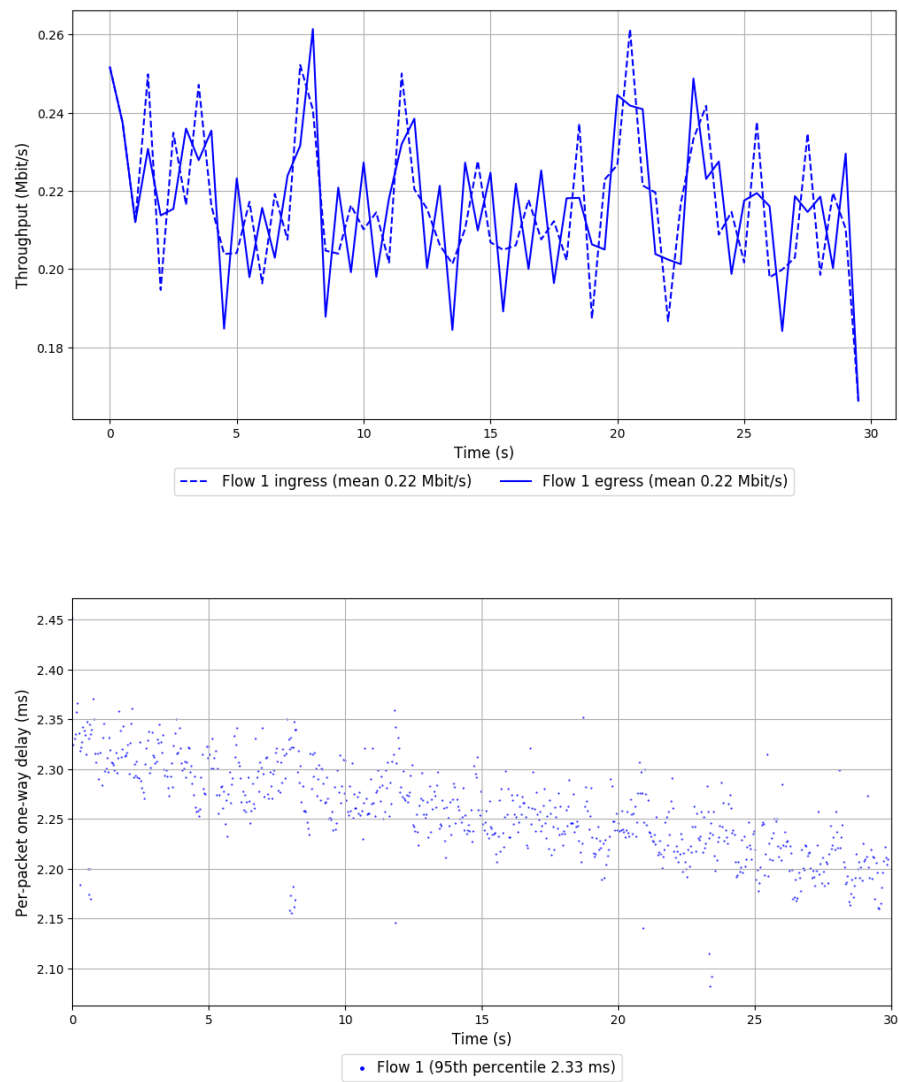
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.332 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-01-01 22:48:52

End at: 2018-01-01 22:49:22

Local clock offset: 8.2 ms

Remote clock offset: 0.365 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.280 ms

Loss rate: 0.00%

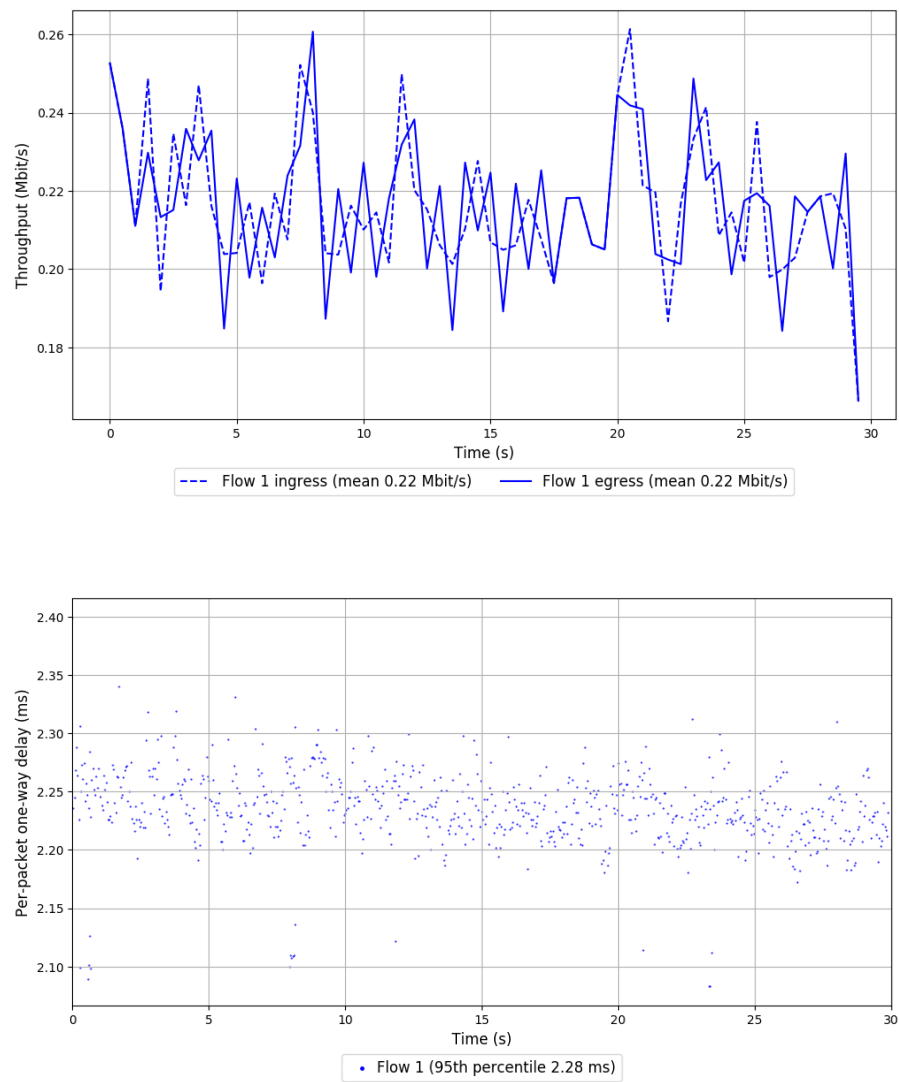
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.280 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-01-01 23:05:48

End at: 2018-01-01 23:06:18

Local clock offset: 10.813 ms

Remote clock offset: 0.3 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.243 ms

Loss rate: 0.00%

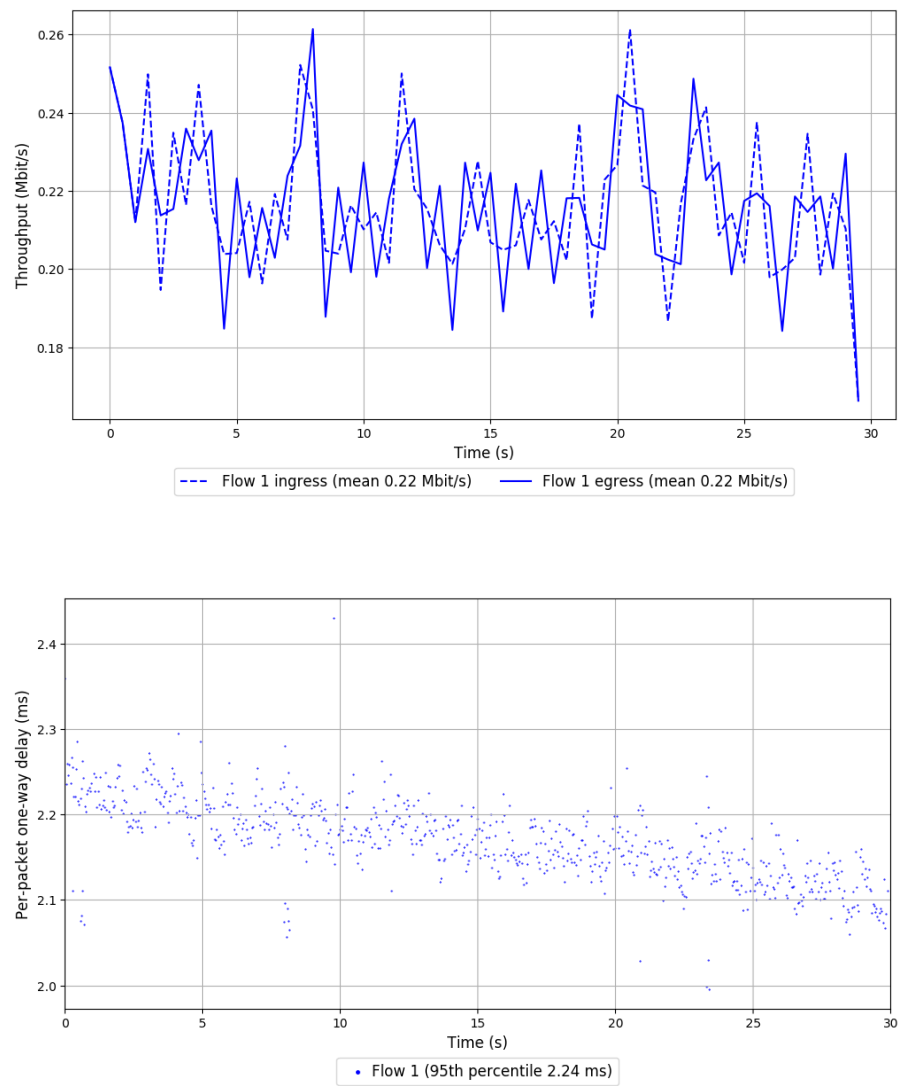
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.243 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-01-01 23:22:48

End at: 2018-01-01 23:23:18

Local clock offset: 11.778 ms

Remote clock offset: 0.158 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.835 ms

Loss rate: 0.00%

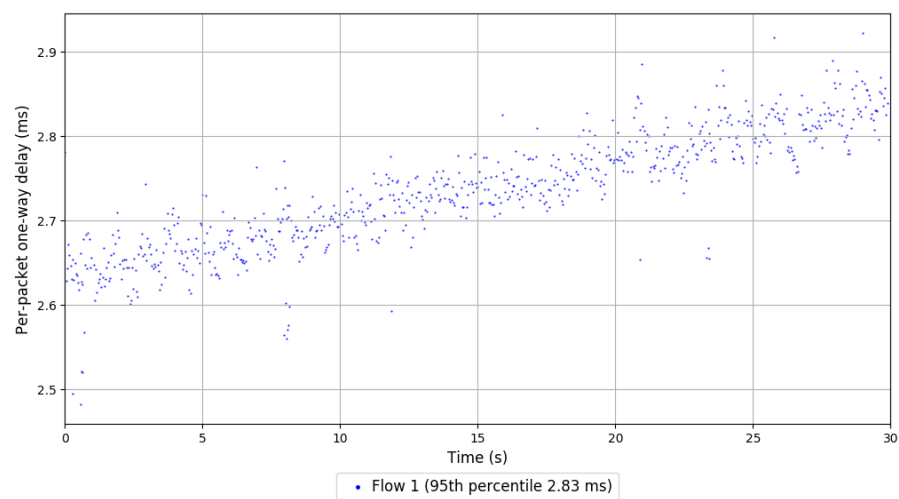
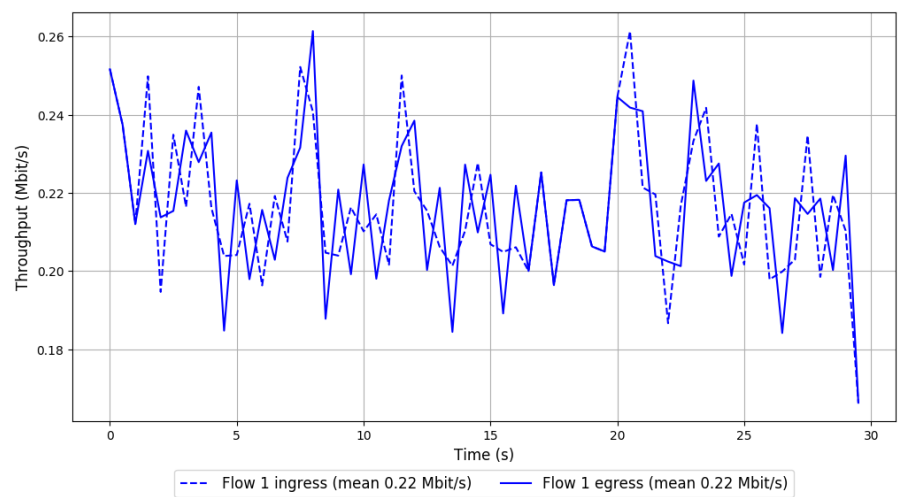
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.835 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-01-01 23:39:46

End at: 2018-01-01 23:40:16

Local clock offset: 1.207 ms

Remote clock offset: 0.157 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.585 ms

Loss rate: 0.00%

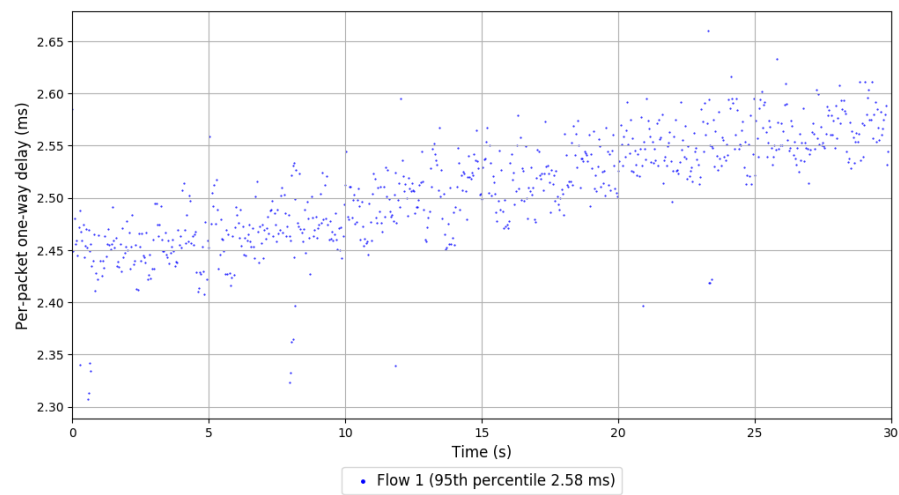
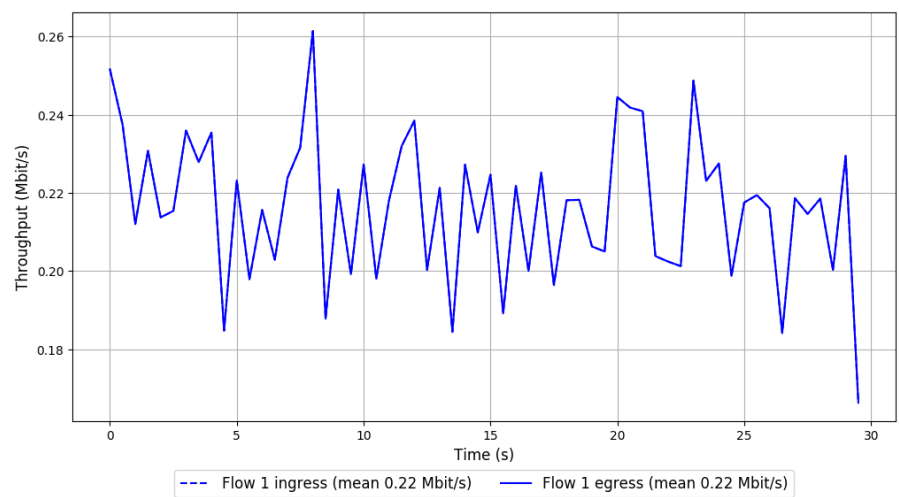
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.585 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

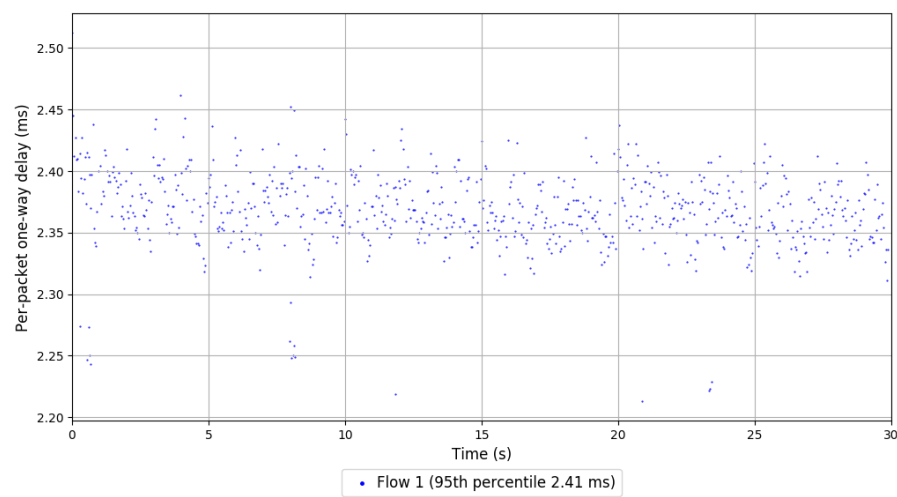
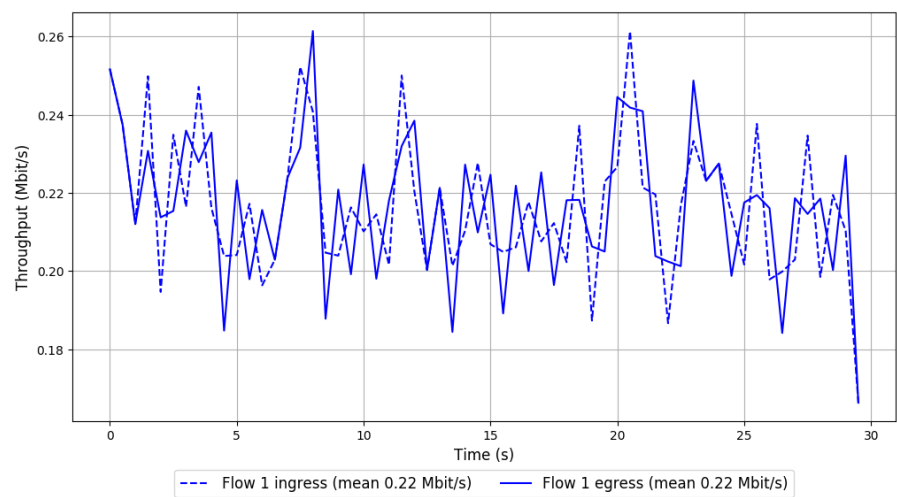


Run 9: Statistics of SCReAM

Start at: 2018-01-01 23:56:41
End at: 2018-01-01 23:57:11
Local clock offset: -0.235 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-01-02 03:24:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.414 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.414 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

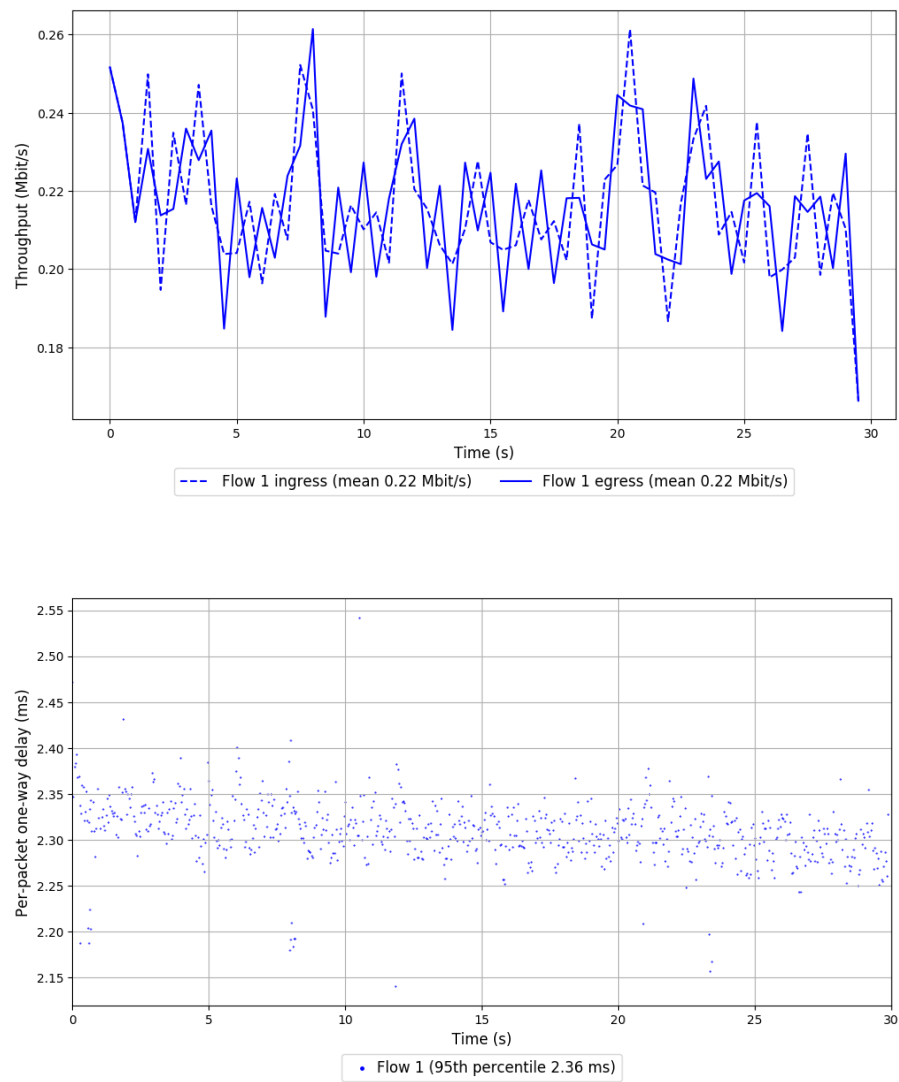


Run 10: Statistics of SCReAM

Start at: 2018-01-02 00:13:40
End at: 2018-01-02 00:14:10
Local clock offset: 1.185 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2018-01-02 03:24:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.357 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.357 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

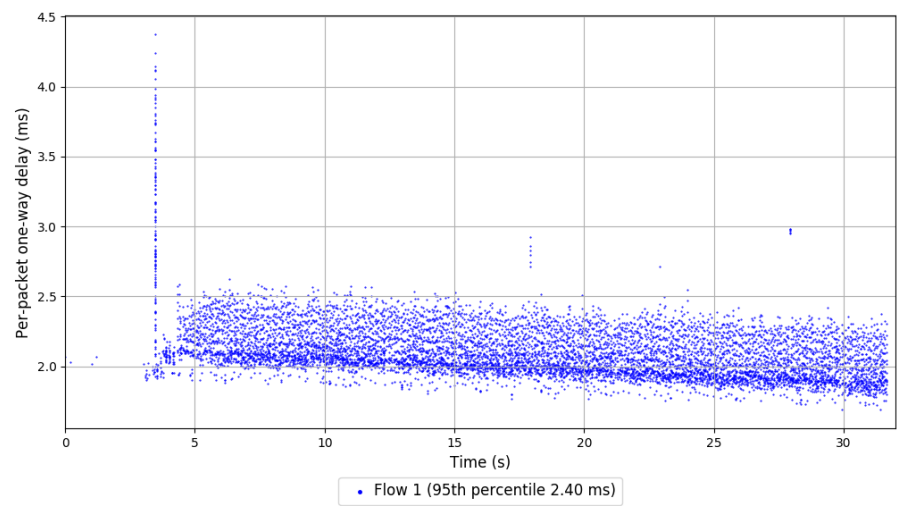
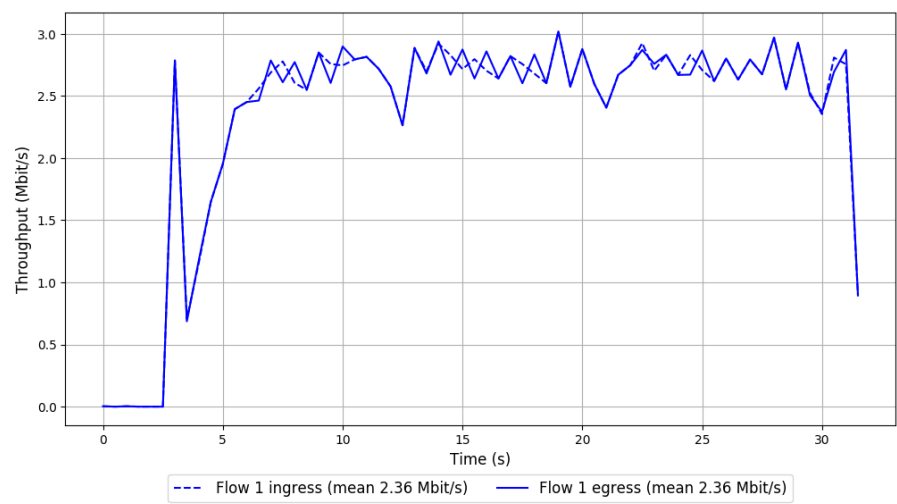


Run 1: Statistics of WebRTC media

Start at: 2018-01-01 21:45:23
End at: 2018-01-01 21:45:53
Local clock offset: 4.581 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2018-01-02 03:24:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.405 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-01-01 22:02:21

End at: 2018-01-01 22:02:51

Local clock offset: 5.696 ms

Remote clock offset: 0.109 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.602 ms

Loss rate: 0.00%

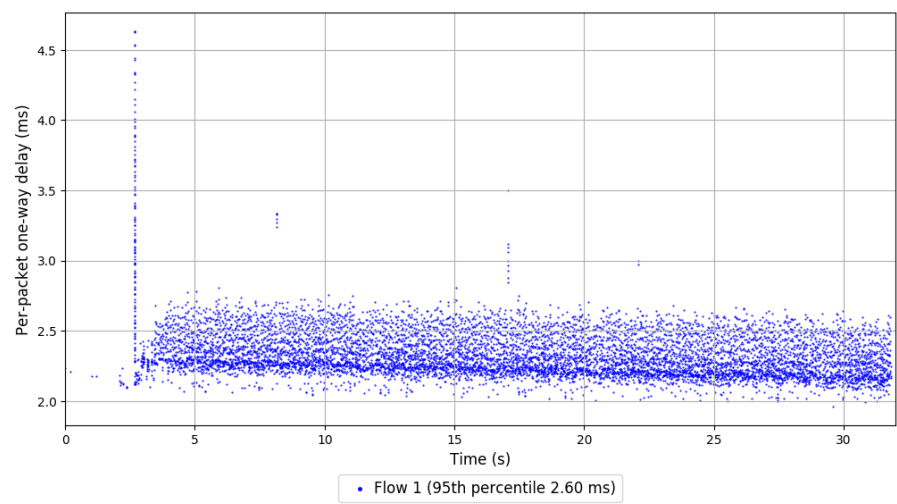
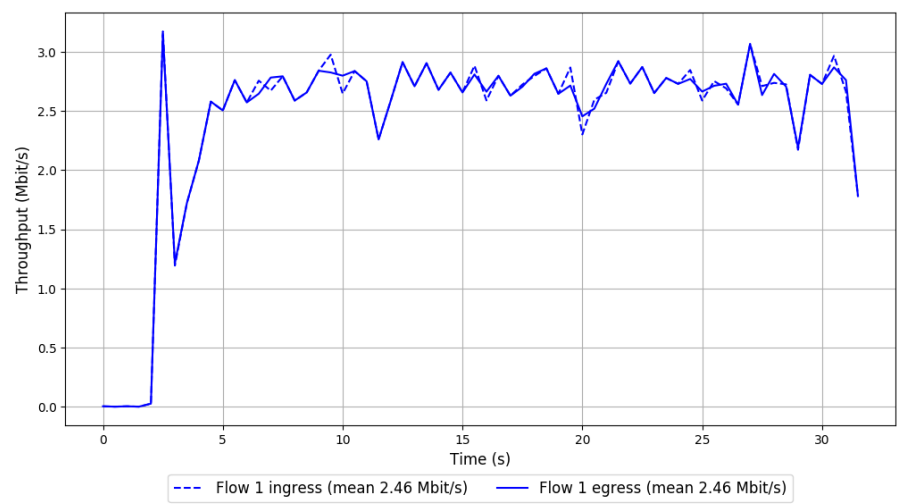
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.602 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-01-01 22:19:20

End at: 2018-01-01 22:19:51

Local clock offset: 6.786 ms

Remote clock offset: 0.231 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.892 ms

Loss rate: 0.00%

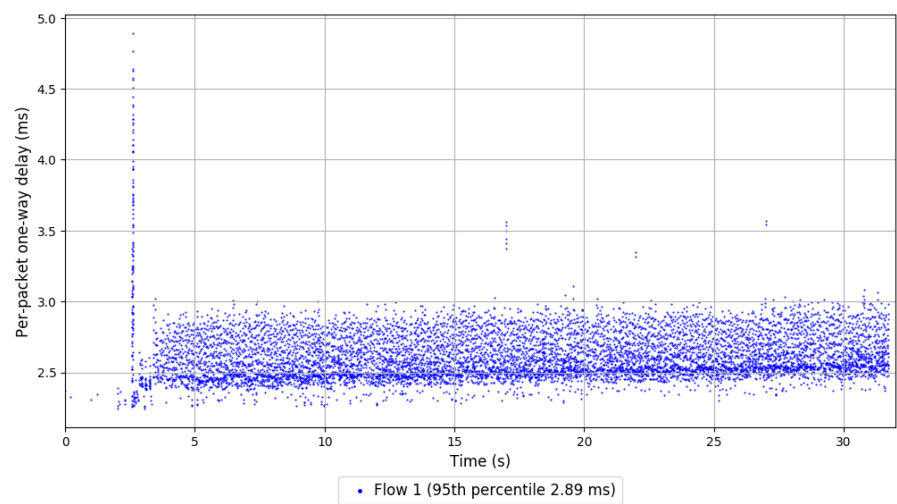
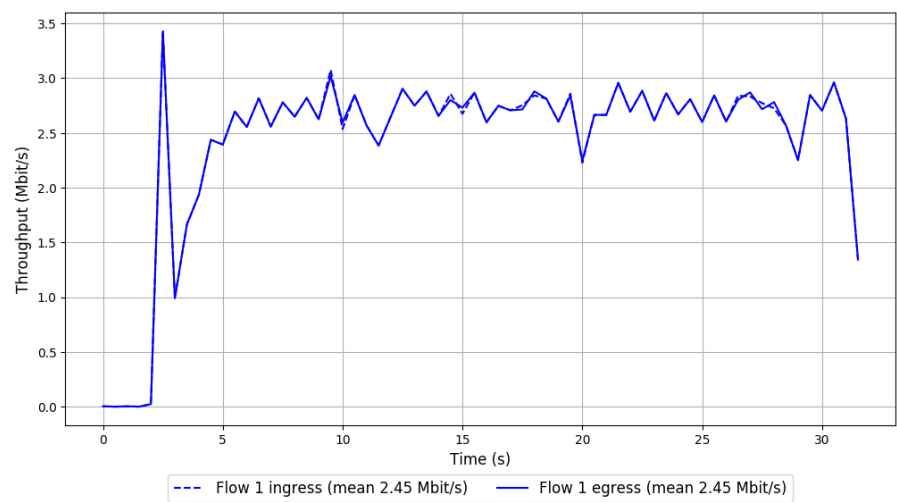
-- Flow 1:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.892 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-01-01 22:36:19

End at: 2018-01-01 22:36:49

Local clock offset: 8.689 ms

Remote clock offset: 0.357 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.729 ms

Loss rate: 0.00%

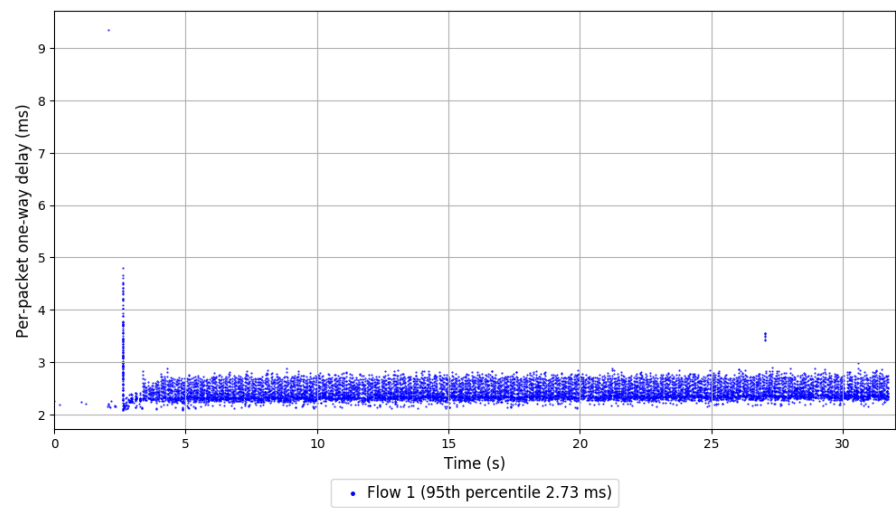
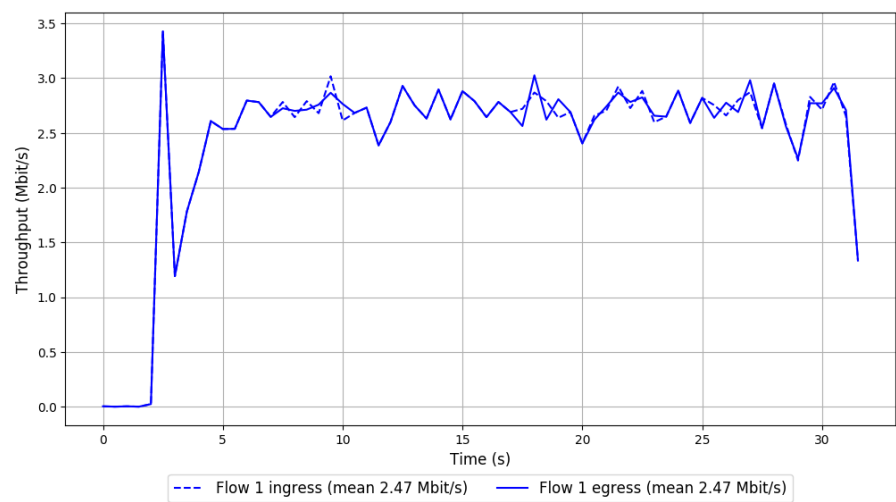
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.729 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-01-01 22:53:18

End at: 2018-01-01 22:53:48

Local clock offset: 8.599 ms

Remote clock offset: 0.337 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.650 ms

Loss rate: 0.00%

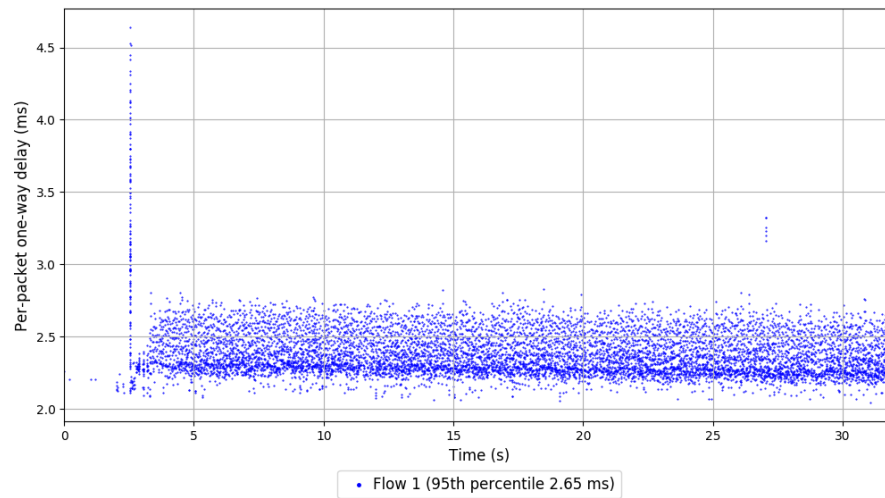
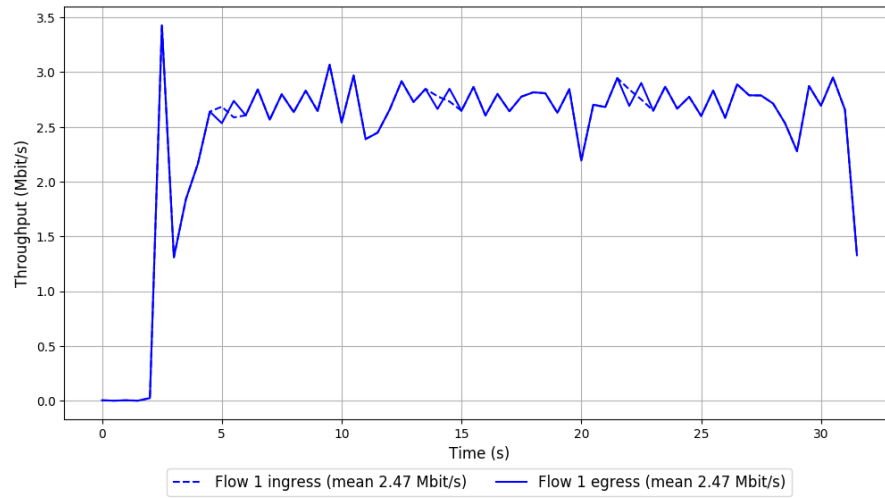
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.650 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-01-01 23:10:14

End at: 2018-01-01 23:10:44

Local clock offset: 11.809 ms

Remote clock offset: 0.27 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.44 Mbit/s

95th percentile per-packet one-way delay: 2.525 ms

Loss rate: 0.01%

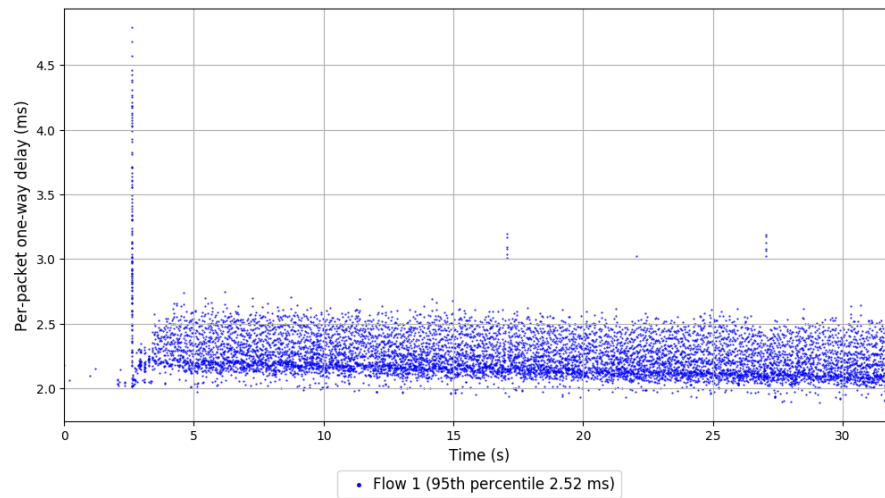
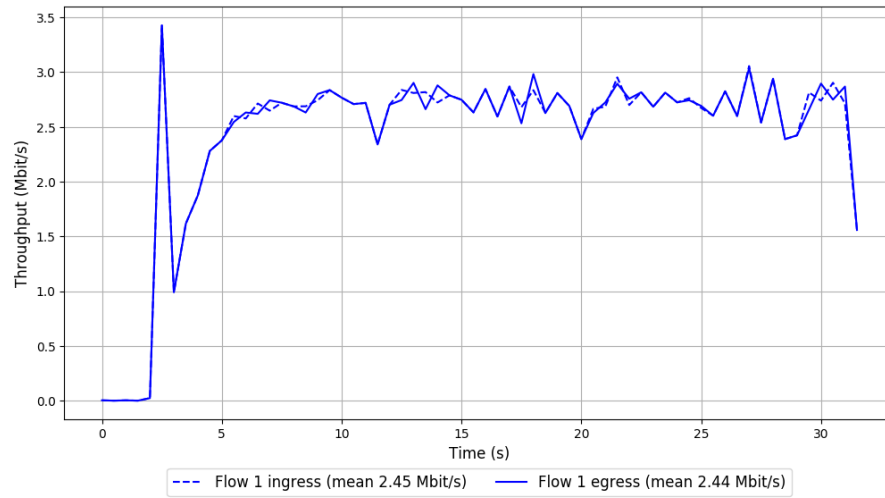
-- Flow 1:

Average throughput: 2.44 Mbit/s

95th percentile per-packet one-way delay: 2.525 ms

Loss rate: 0.01%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-01-01 23:27:13

End at: 2018-01-01 23:27:43

Local clock offset: 8.211 ms

Remote clock offset: 0.213 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 3.314 ms

Loss rate: 0.10%

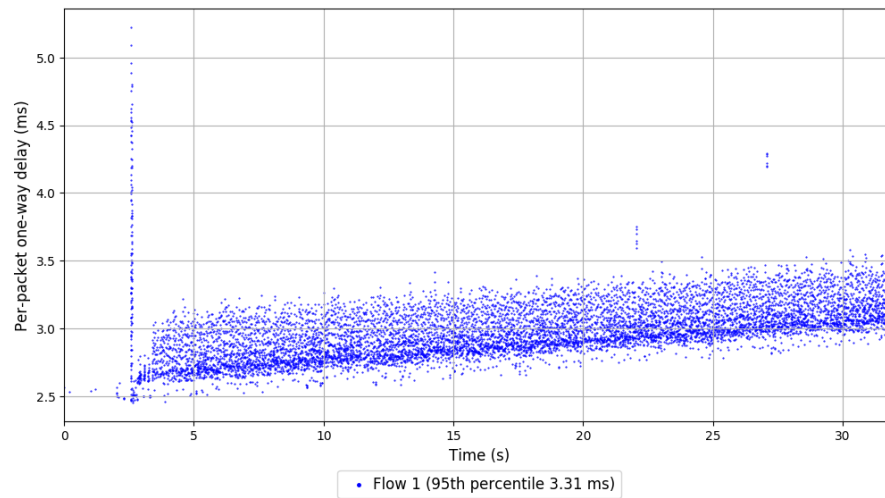
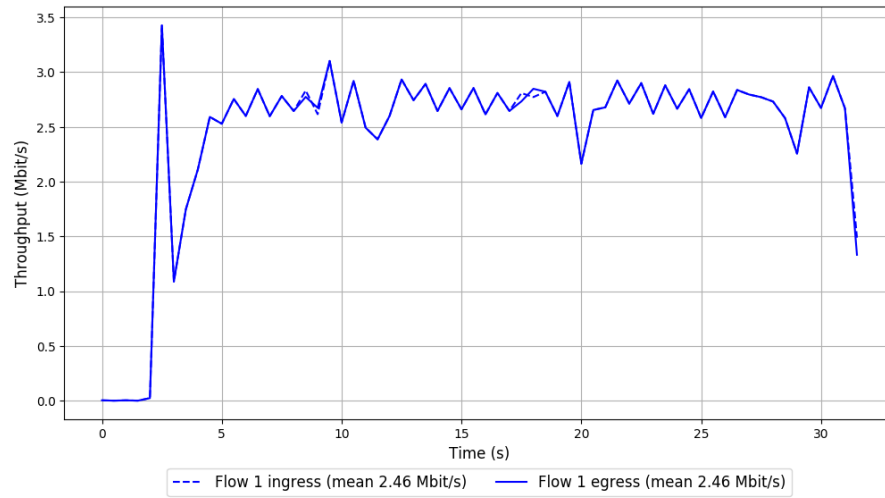
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 3.314 ms

Loss rate: 0.10%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-01-01 23:44:12

End at: 2018-01-01 23:44:42

Local clock offset: 0.249 ms

Remote clock offset: 0.085 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.890 ms

Loss rate: 0.00%

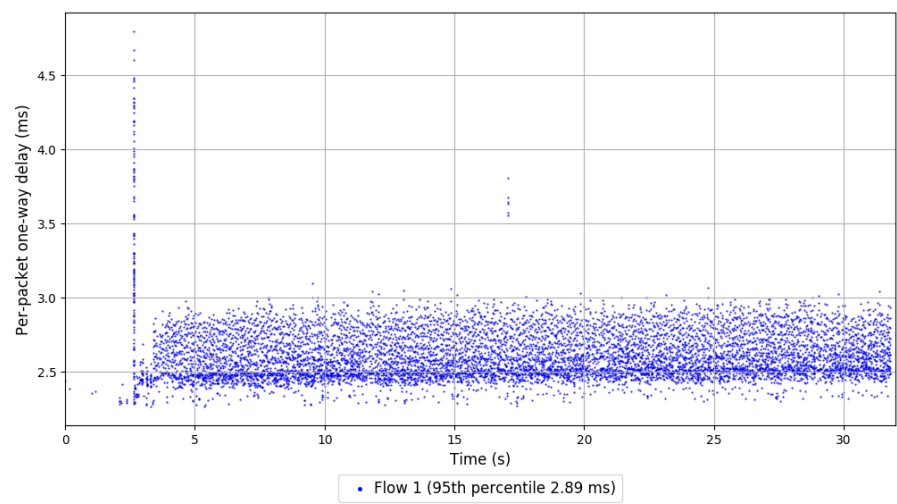
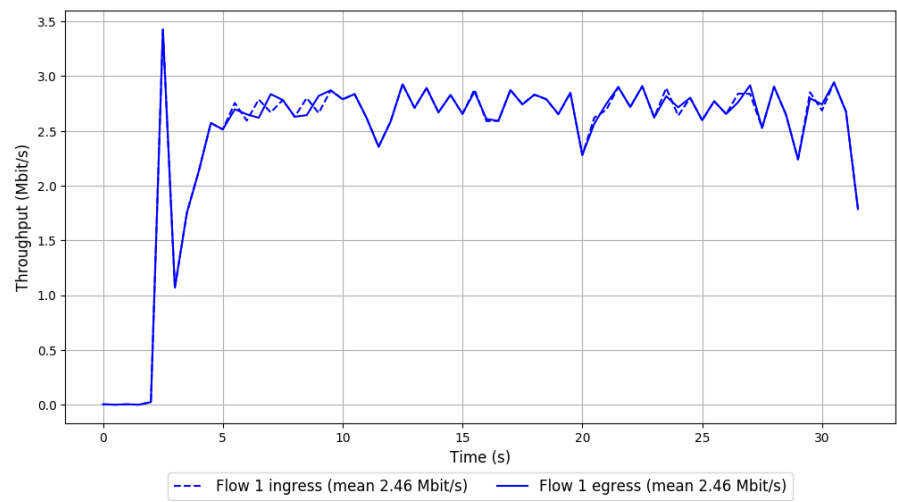
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.890 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

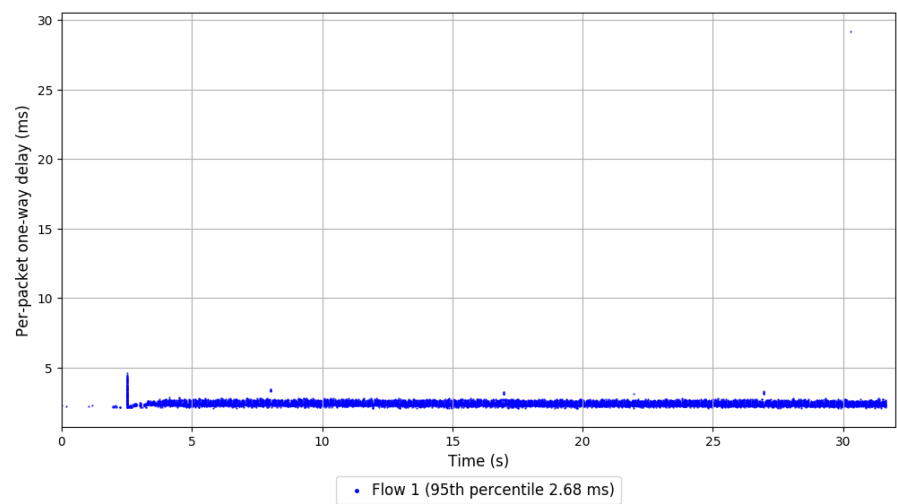
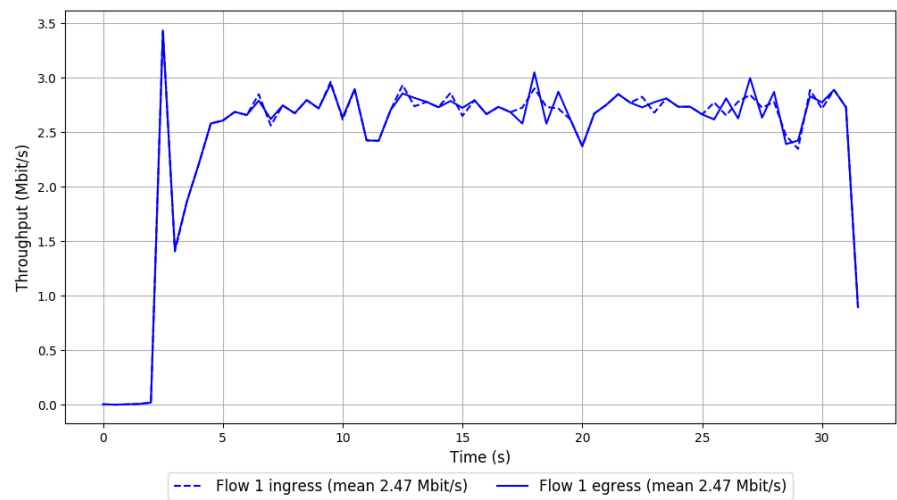


Run 9: Statistics of WebRTC media

Start at: 2018-01-02 00:01:07
End at: 2018-01-02 00:01:37
Local clock offset: 0.132 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2018-01-02 03:24:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 2.684 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 2.684 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-01-02 00:18:05

End at: 2018-01-02 00:18:35

Local clock offset: 1.175 ms

Remote clock offset: -0.142 ms

Below is generated by plot.py at 2018-01-02 03:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.751 ms

Loss rate: 0.00%

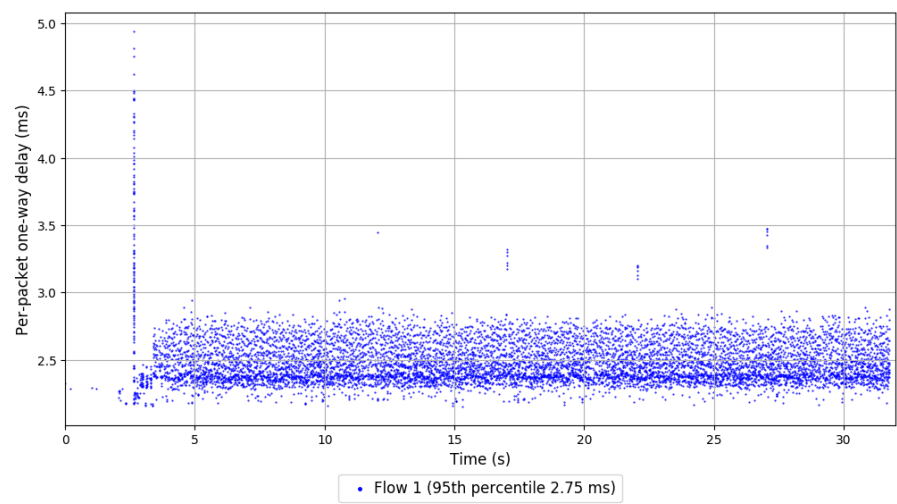
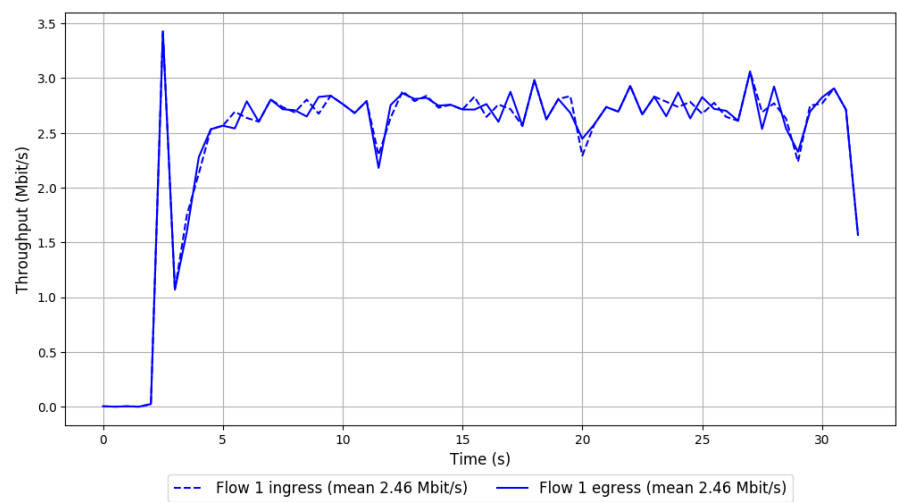
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.751 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

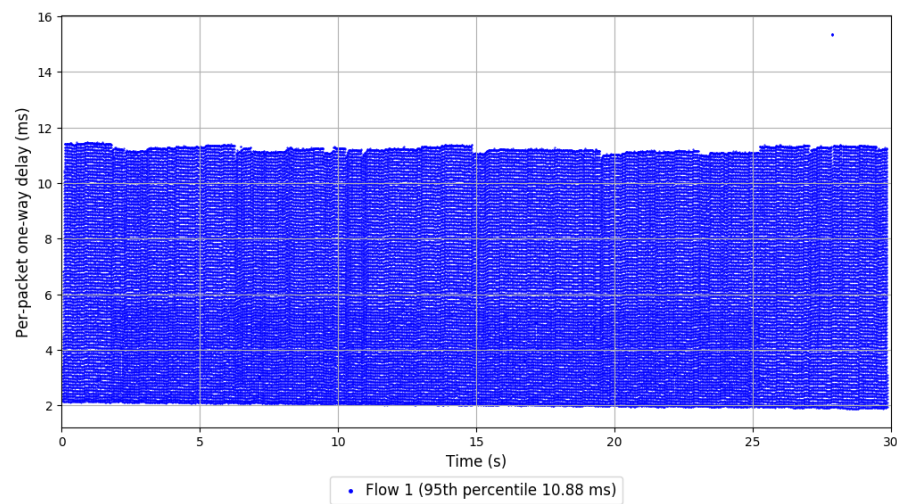
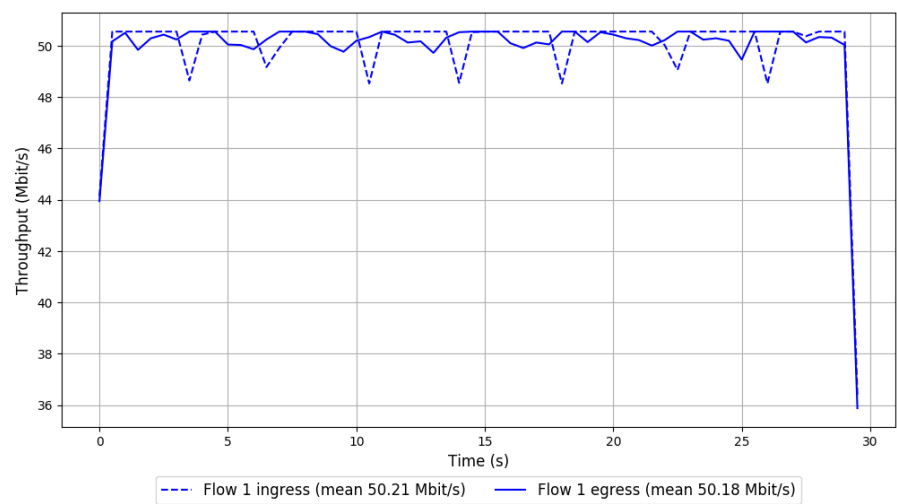


Run 1: Statistics of Sprout

Start at: 2018-01-01 21:44:18
End at: 2018-01-01 21:44:48
Local clock offset: 4.084 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-01-02 03:24:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.18 Mbit/s
95th percentile per-packet one-way delay: 10.876 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 50.18 Mbit/s
95th percentile per-packet one-way delay: 10.876 ms
Loss rate: 0.06%

Run 1: Report of Sprout — Data Link

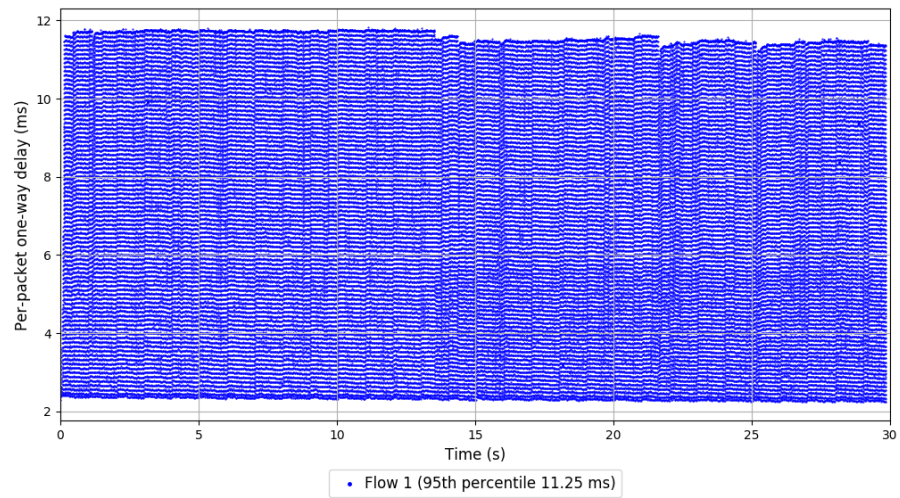
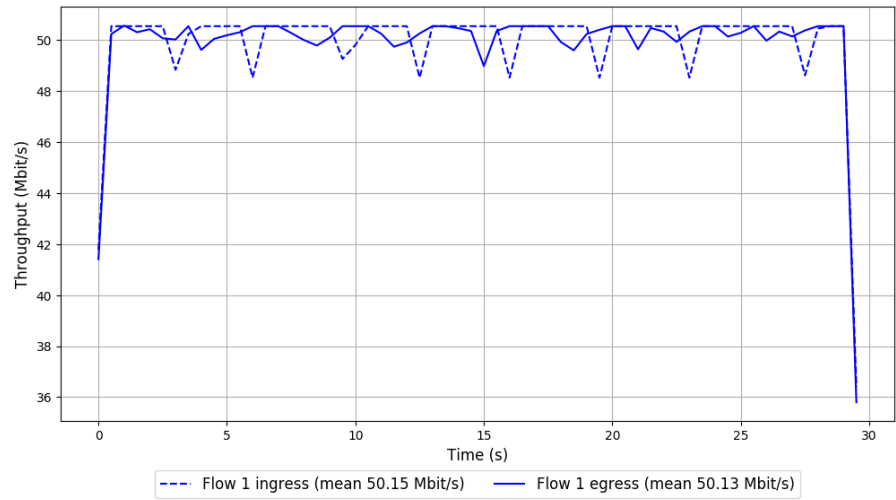


Run 2: Statistics of Sprout

Start at: 2018-01-01 22:01:16
End at: 2018-01-01 22:01:46
Local clock offset: 5.409 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2018-01-02 03:24:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.13 Mbit/s
95th percentile per-packet one-way delay: 11.254 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 50.13 Mbit/s
95th percentile per-packet one-way delay: 11.254 ms
Loss rate: 0.02%

Run 2: Report of Sprout — Data Link

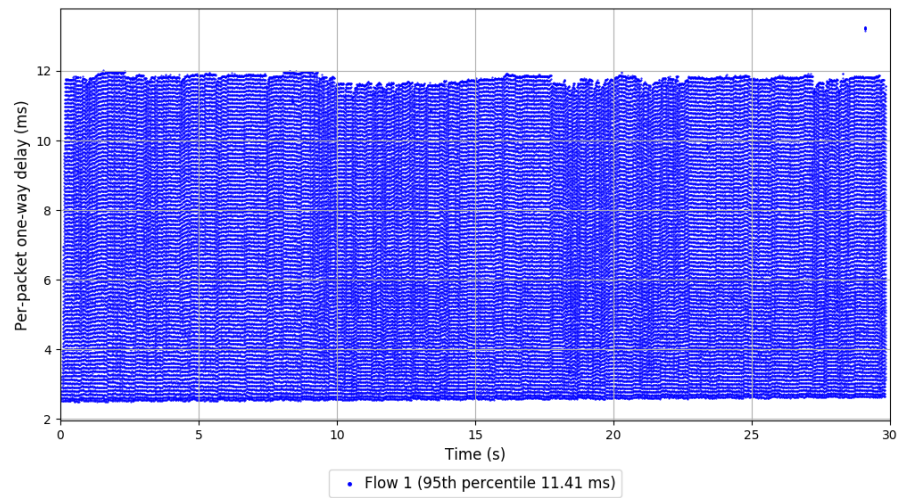
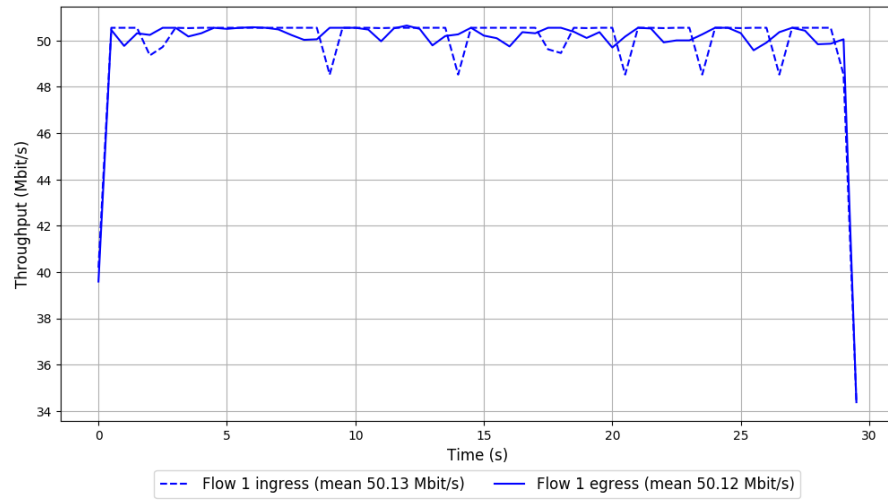


Run 3: Statistics of Sprout

Start at: 2018-01-01 22:18:15
End at: 2018-01-01 22:18:45
Local clock offset: 7.056 ms
Remote clock offset: 0.164 ms

Below is generated by plot.py at 2018-01-02 03:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 11.413 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 11.413 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-01-01 22:35:14

End at: 2018-01-01 22:35:44

Local clock offset: 8.313 ms

Remote clock offset: 0.348 ms

Below is generated by plot.py at 2018-01-02 03:24:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.11 Mbit/s

95th percentile per-packet one-way delay: 10.841 ms

Loss rate: 0.00%

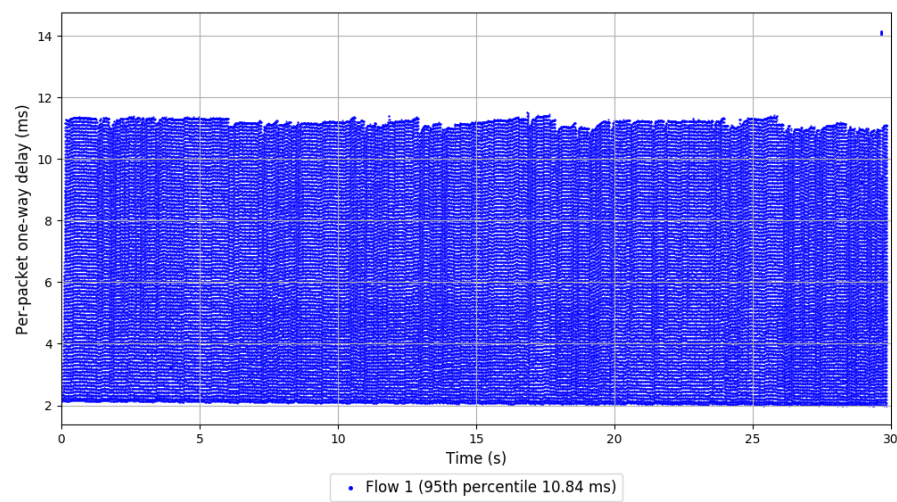
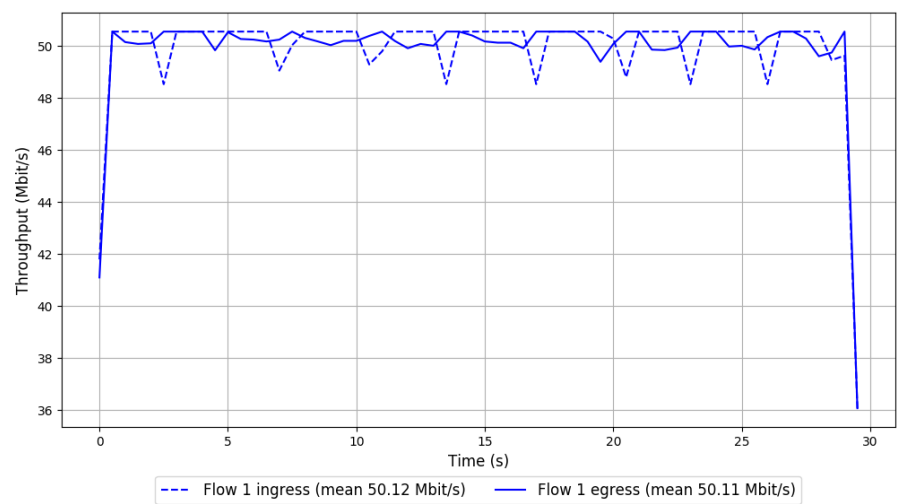
-- Flow 1:

Average throughput: 50.11 Mbit/s

95th percentile per-packet one-way delay: 10.841 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-01-01 22:52:12

End at: 2018-01-01 22:52:42

Local clock offset: 8.514 ms

Remote clock offset: 0.341 ms

Below is generated by plot.py at 2018-01-02 03:24:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.15 Mbit/s

95th percentile per-packet one-way delay: 11.069 ms

Loss rate: 0.04%

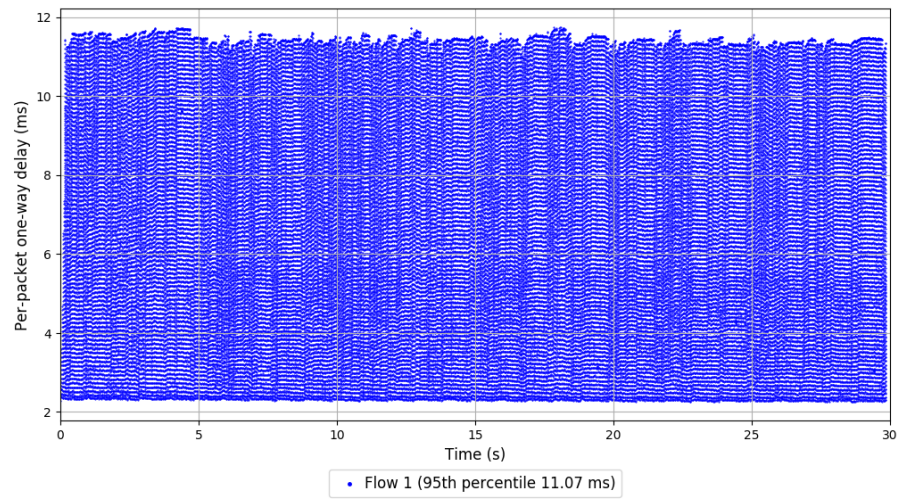
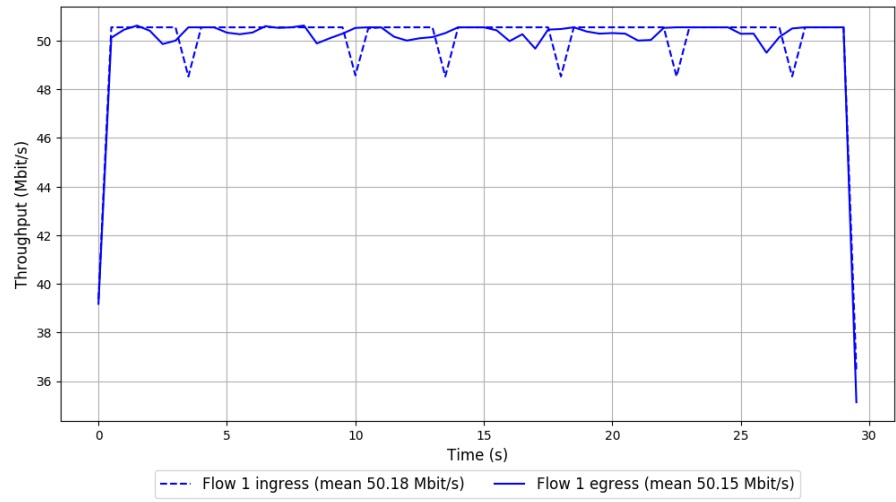
-- Flow 1:

Average throughput: 50.15 Mbit/s

95th percentile per-packet one-way delay: 11.069 ms

Loss rate: 0.04%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-01-01 23:09:08

End at: 2018-01-01 23:09:38

Local clock offset: 11.597 ms

Remote clock offset: 0.272 ms

Below is generated by plot.py at 2018-01-02 03:24:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.13 Mbit/s

95th percentile per-packet one-way delay: 11.197 ms

Loss rate: 0.00%

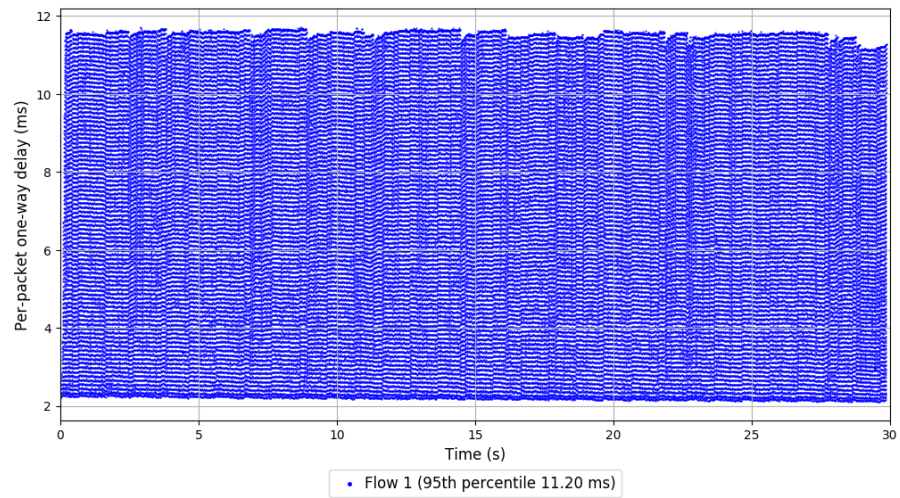
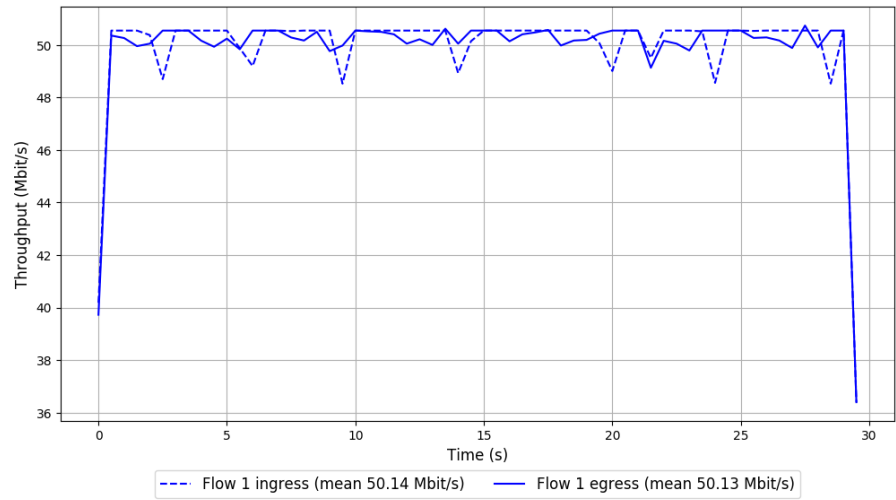
-- Flow 1:

Average throughput: 50.13 Mbit/s

95th percentile per-packet one-way delay: 11.197 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-01-01 23:26:08

End at: 2018-01-01 23:26:38

Local clock offset: 9.506 ms

Remote clock offset: 0.211 ms

Below is generated by plot.py at 2018-01-02 03:25:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.10 Mbit/s

95th percentile per-packet one-way delay: 12.124 ms

Loss rate: 0.00%

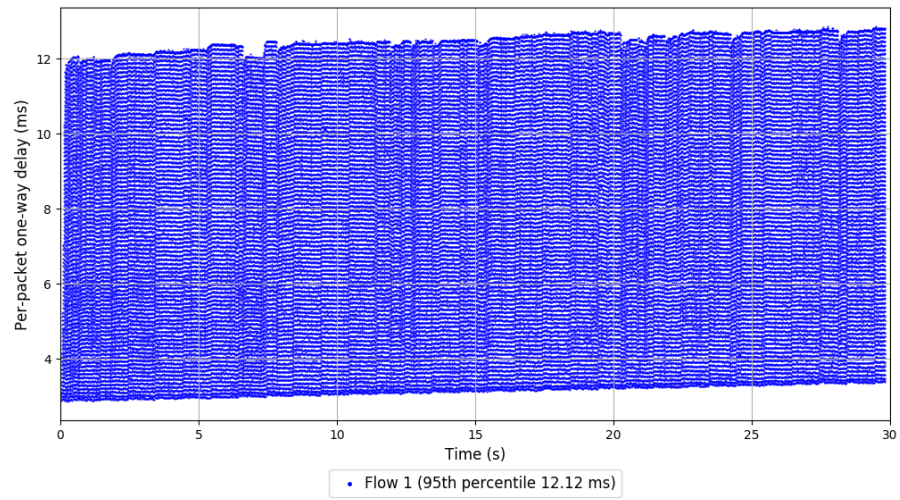
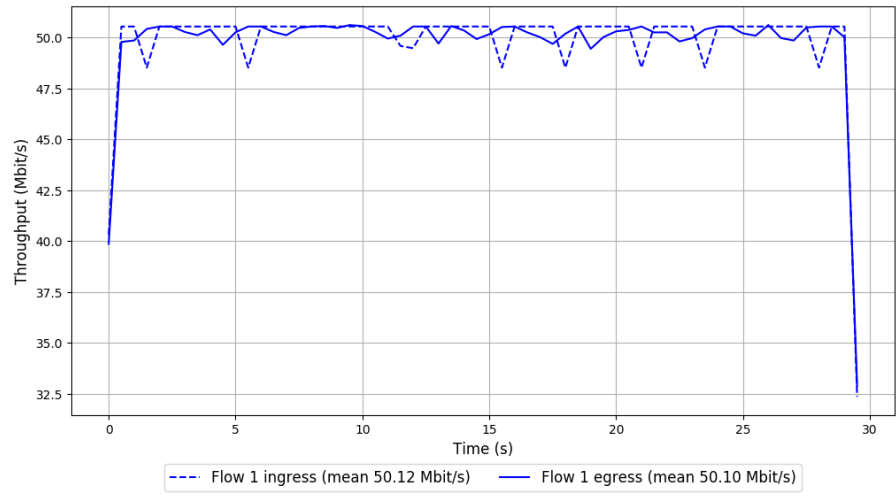
-- Flow 1:

Average throughput: 50.10 Mbit/s

95th percentile per-packet one-way delay: 12.124 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-01-01 23:43:06

End at: 2018-01-01 23:43:36

Local clock offset: 0.363 ms

Remote clock offset: 0.11 ms

Below is generated by plot.py at 2018-01-02 03:25:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.08 Mbit/s

95th percentile per-packet one-way delay: 11.230 ms

Loss rate: 0.06%

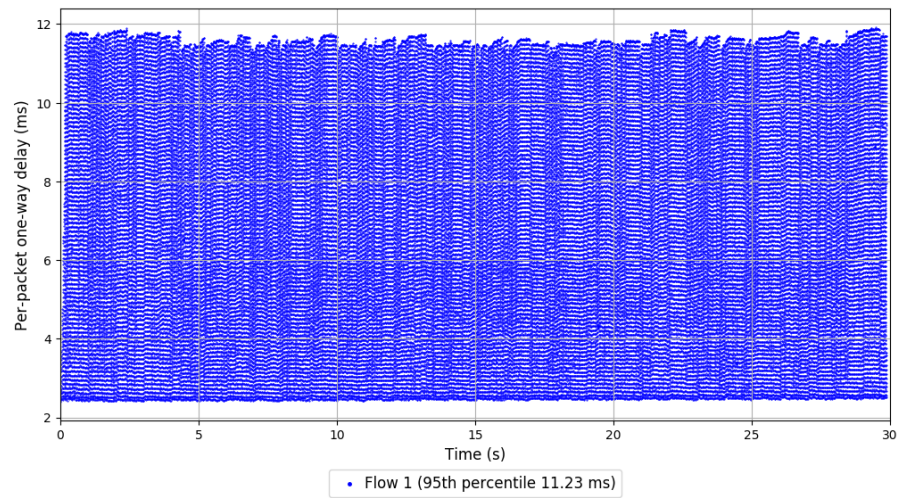
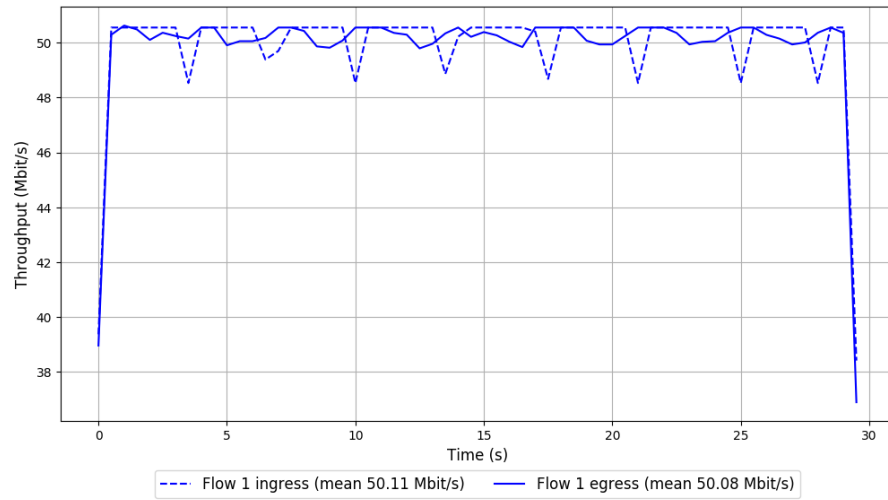
-- Flow 1:

Average throughput: 50.08 Mbit/s

95th percentile per-packet one-way delay: 11.230 ms

Loss rate: 0.06%

Run 8: Report of Sprout — Data Link

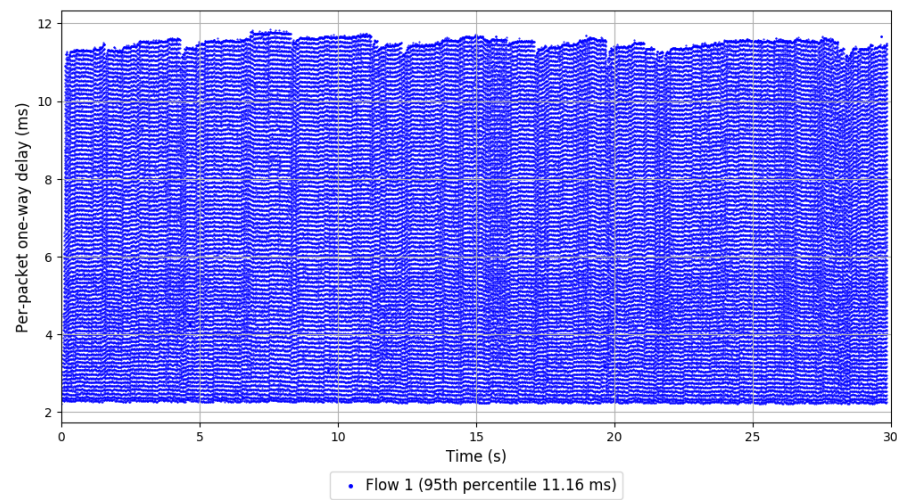
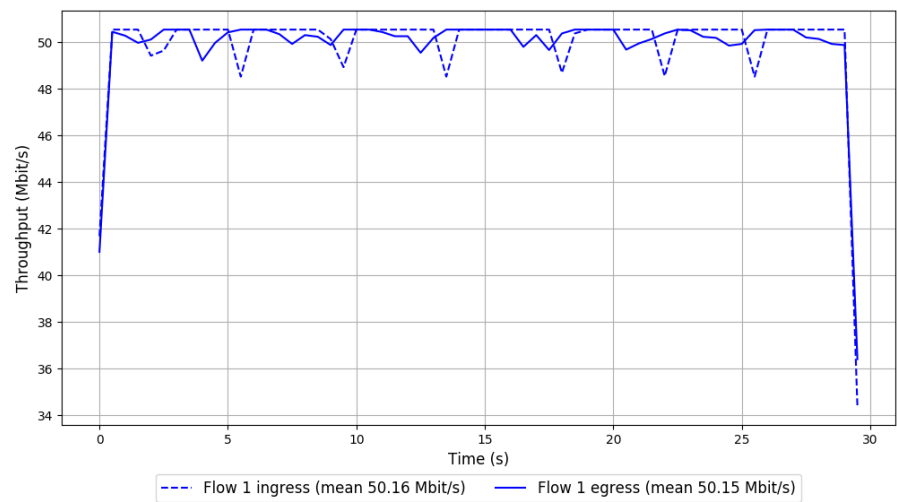


Run 9: Statistics of Sprout

Start at: 2018-01-02 00:00:02
End at: 2018-01-02 00:00:32
Local clock offset: -0.0 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-01-02 03:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 11.158 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 11.158 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

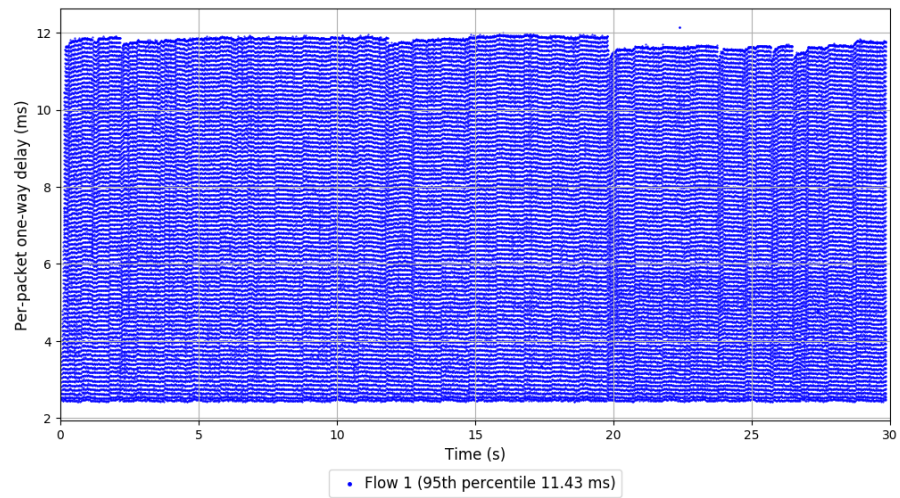
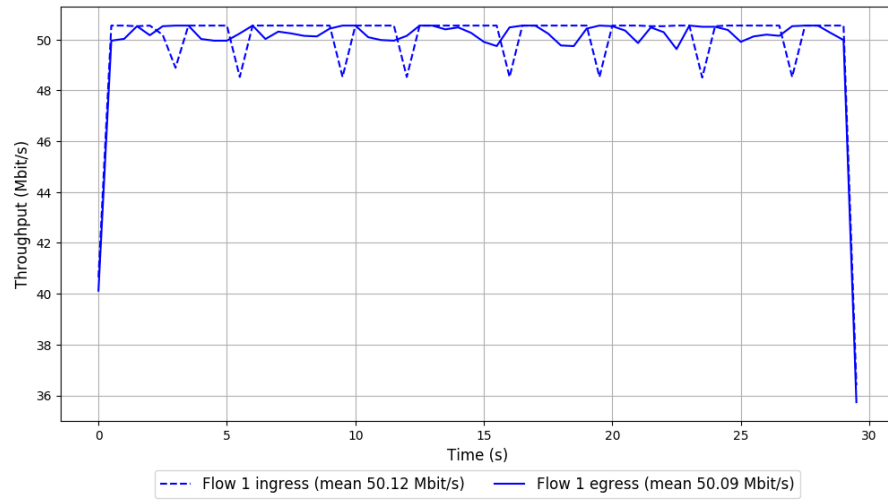


Run 10: Statistics of Sprout

Start at: 2018-01-02 00:17:00
End at: 2018-01-02 00:17:30
Local clock offset: 1.22 ms
Remote clock offset: -0.206 ms

Below is generated by plot.py at 2018-01-02 03:25:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 11.434 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 11.434 ms
Loss rate: 0.06%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-01-01 21:37:30

End at: 2018-01-01 21:38:00

Local clock offset: 1.12 ms

Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-01-02 03:26:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.09 Mbit/s

95th percentile per-packet one-way delay: 2.071 ms

Loss rate: 0.02%

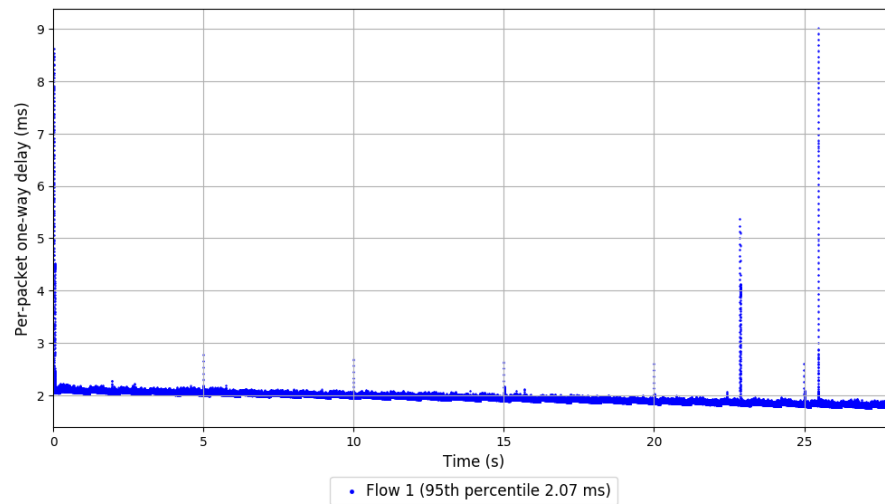
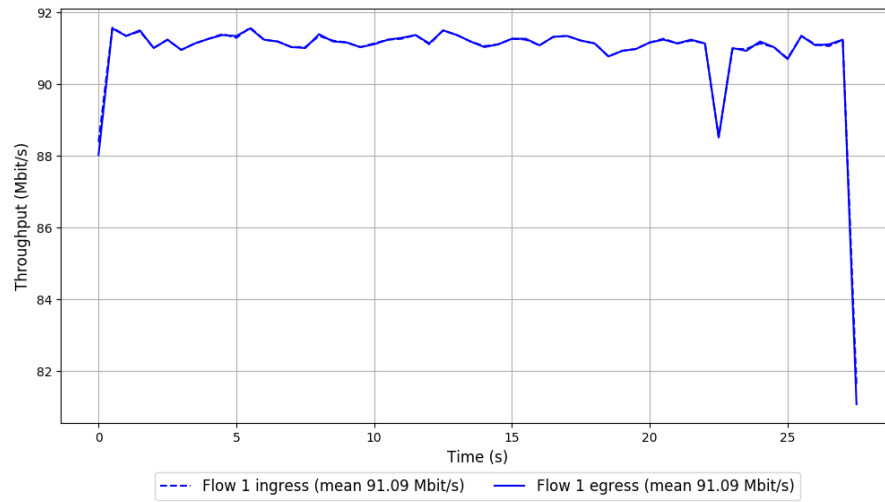
-- Flow 1:

Average throughput: 91.09 Mbit/s

95th percentile per-packet one-way delay: 2.071 ms

Loss rate: 0.02%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-01-01 21:54:28

End at: 2018-01-01 21:54:58

Local clock offset: 4.972 ms

Remote clock offset: 0.055 ms

Below is generated by plot.py at 2018-01-02 03:26:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.97 Mbit/s

95th percentile per-packet one-way delay: 2.445 ms

Loss rate: 0.02%

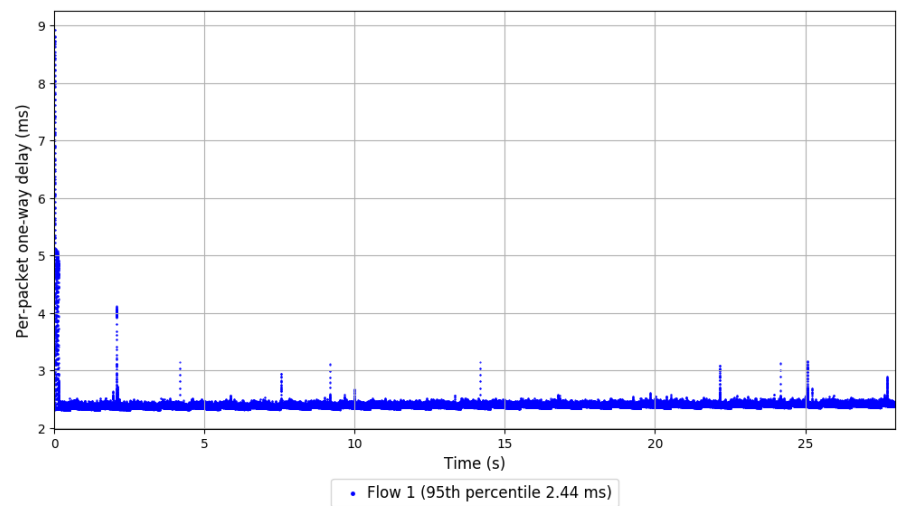
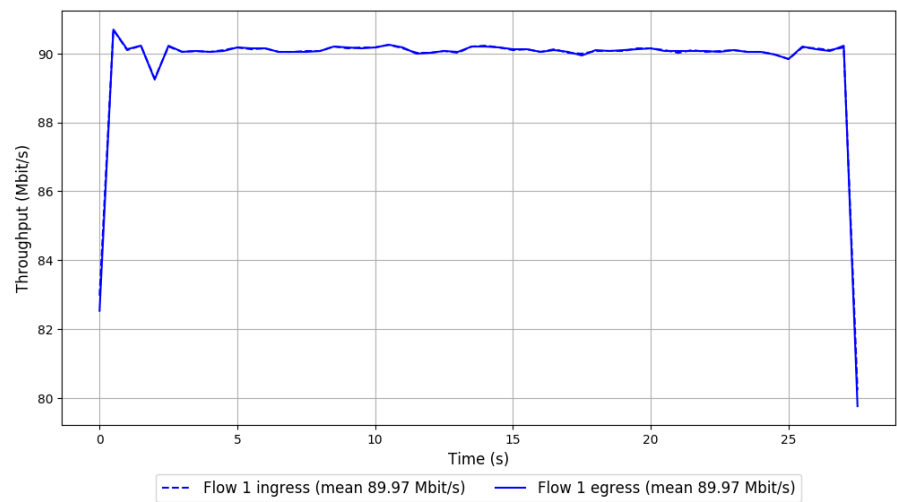
-- Flow 1:

Average throughput: 89.97 Mbit/s

95th percentile per-packet one-way delay: 2.445 ms

Loss rate: 0.02%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-01-01 22:11:27

End at: 2018-01-01 22:11:57

Local clock offset: 8.901 ms

Remote clock offset: 0.133 ms

Below is generated by plot.py at 2018-01-02 03:26:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.24 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.02%

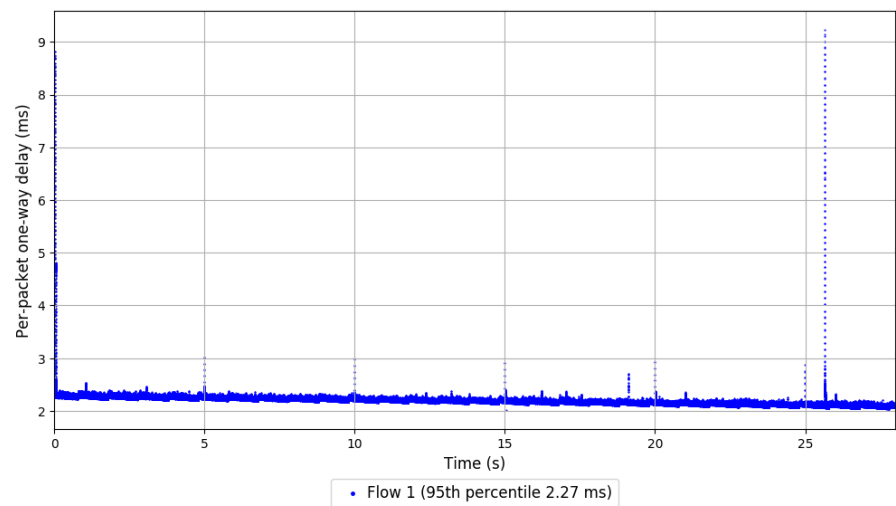
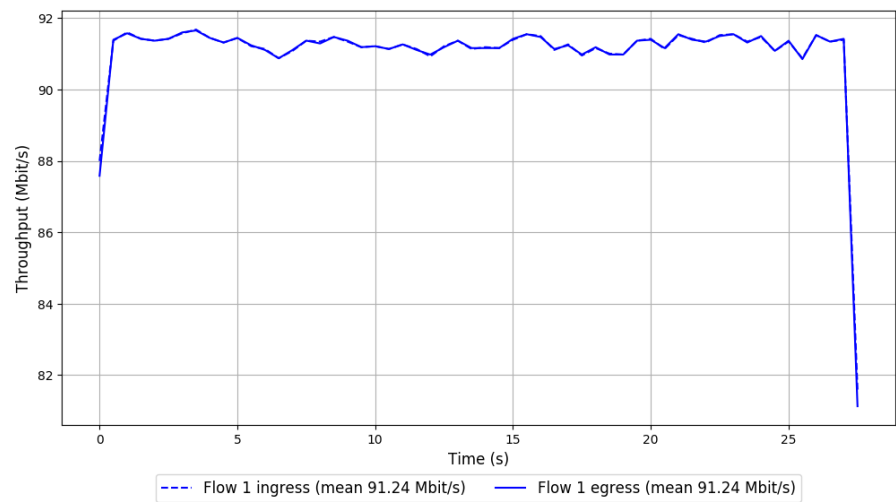
-- Flow 1:

Average throughput: 91.24 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.02%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-01-01 22:28:26

End at: 2018-01-01 22:28:56

Local clock offset: 6.844 ms

Remote clock offset: 0.304 ms

Below is generated by plot.py at 2018-01-02 03:26:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.43 Mbit/s

95th percentile per-packet one-way delay: 2.294 ms

Loss rate: 0.02%

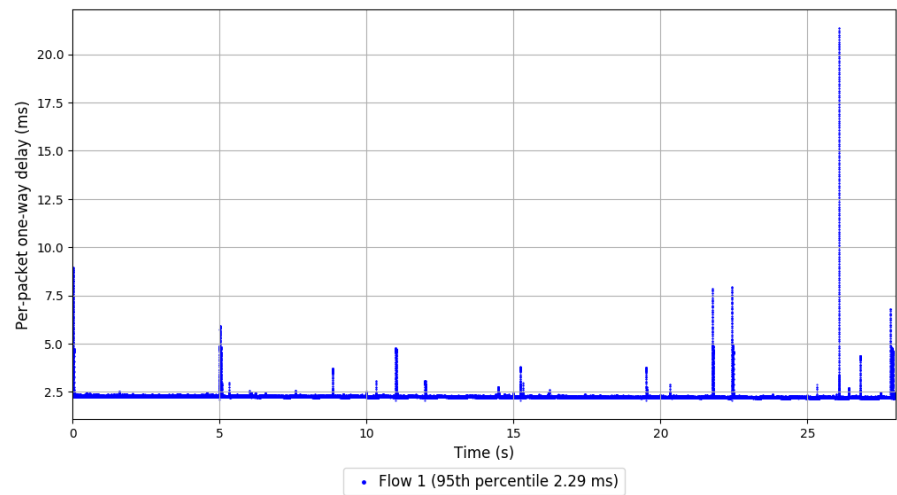
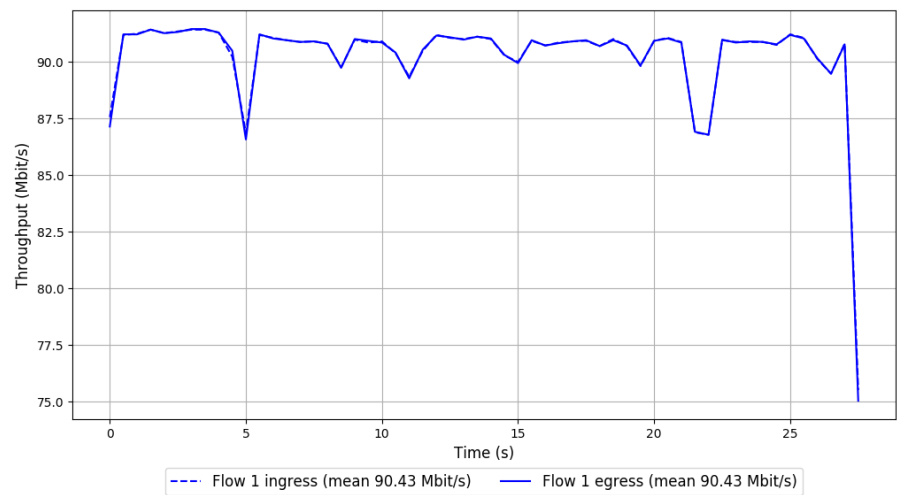
-- Flow 1:

Average throughput: 90.43 Mbit/s

95th percentile per-packet one-way delay: 2.294 ms

Loss rate: 0.02%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-01-01 22:45:25

End at: 2018-01-01 22:45:55

Local clock offset: 8.216 ms

Remote clock offset: 0.353 ms

Below is generated by plot.py at 2018-01-02 03:27:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.98 Mbit/s

95th percentile per-packet one-way delay: 2.442 ms

Loss rate: 0.02%

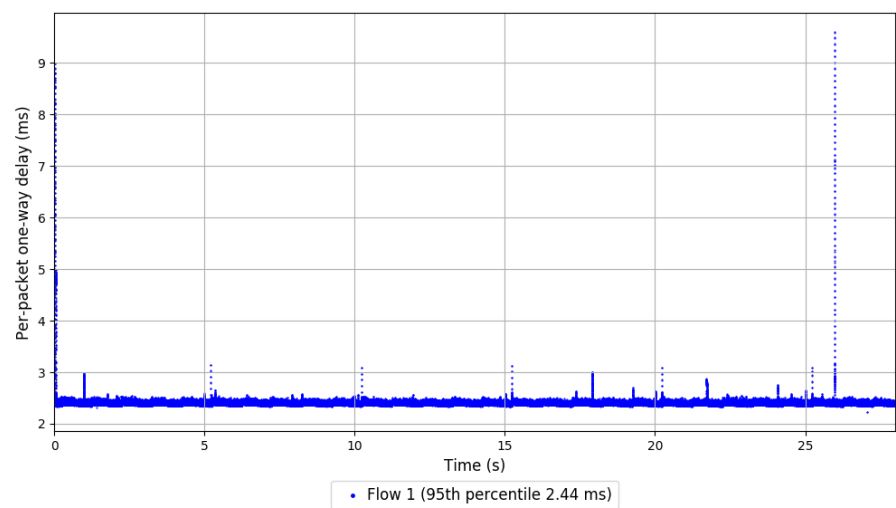
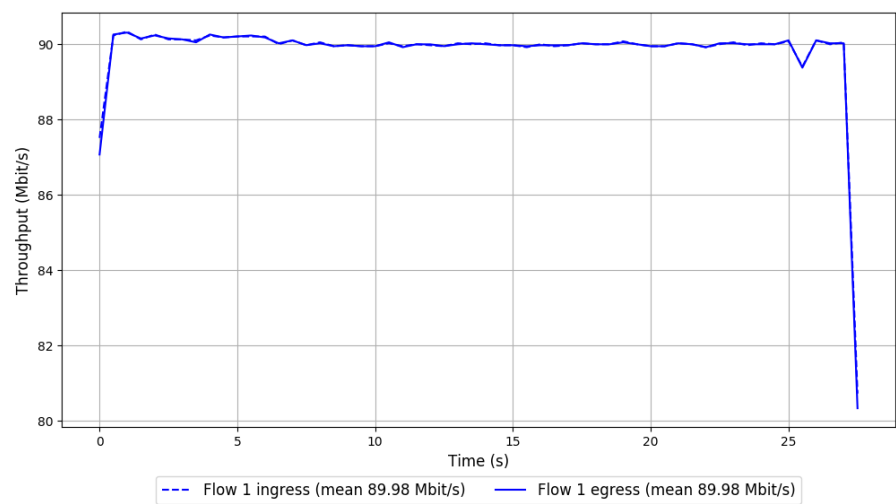
-- Flow 1:

Average throughput: 89.98 Mbit/s

95th percentile per-packet one-way delay: 2.442 ms

Loss rate: 0.02%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-01-01 23:02:21

End at: 2018-01-01 23:02:51

Local clock offset: 10.102 ms

Remote clock offset: 0.295 ms

Below is generated by plot.py at 2018-01-02 03:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 2.326 ms

Loss rate: 0.02%

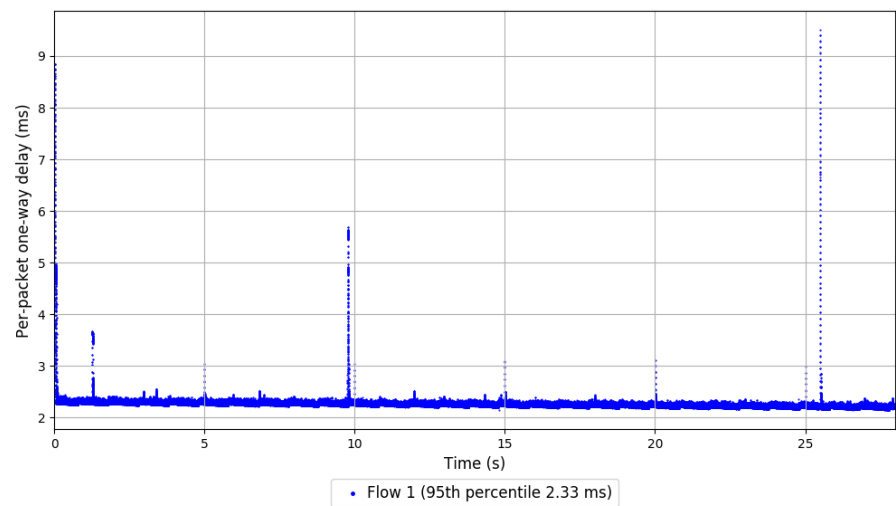
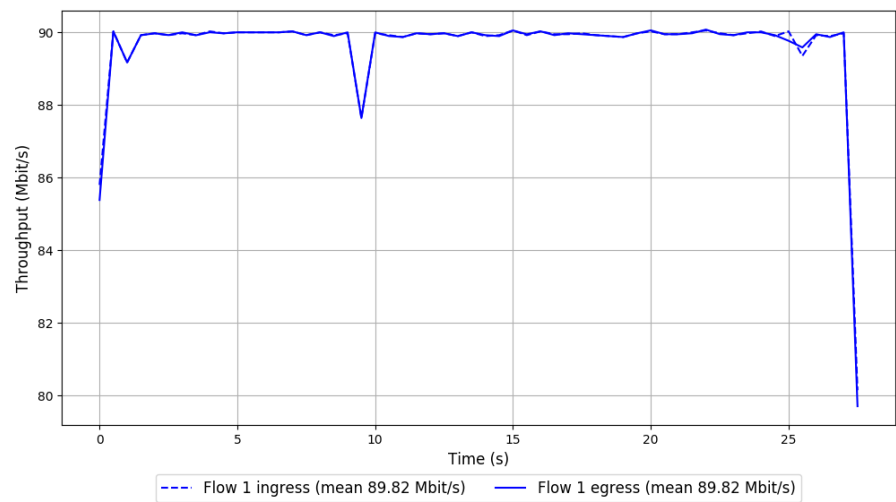
-- Flow 1:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 2.326 ms

Loss rate: 0.02%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-01-01 23:19:20

End at: 2018-01-01 23:19:50

Local clock offset: 12.487 ms

Remote clock offset: 0.236 ms

Below is generated by plot.py at 2018-01-02 03:27:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.12 Mbit/s

95th percentile per-packet one-way delay: 2.519 ms

Loss rate: 0.02%

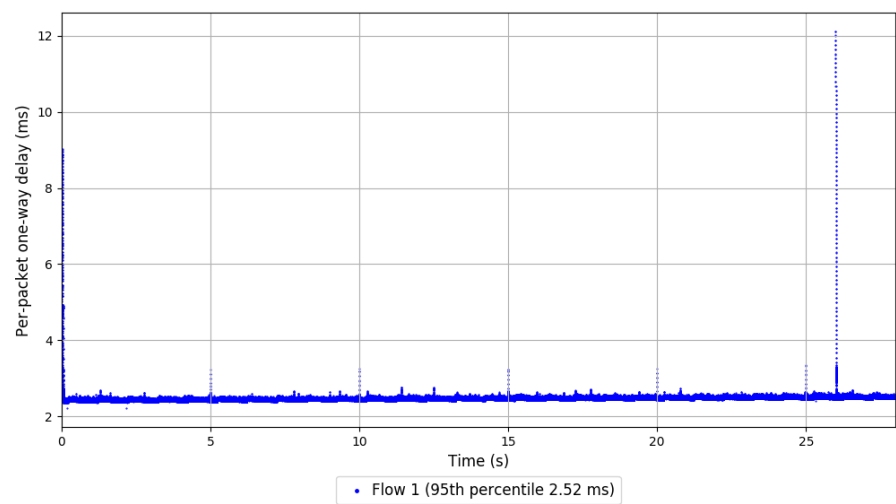
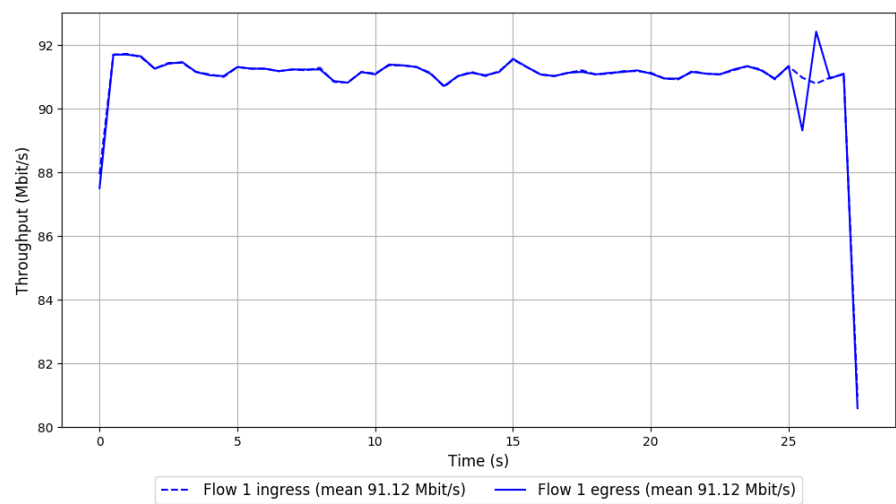
-- Flow 1:

Average throughput: 91.12 Mbit/s

95th percentile per-packet one-way delay: 2.519 ms

Loss rate: 0.02%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-01-01 23:36:19

End at: 2018-01-01 23:36:49

Local clock offset: 2.184 ms

Remote clock offset: 0.186 ms

Below is generated by plot.py at 2018-01-02 03:27:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.83 Mbit/s

95th percentile per-packet one-way delay: 2.698 ms

Loss rate: 0.02%

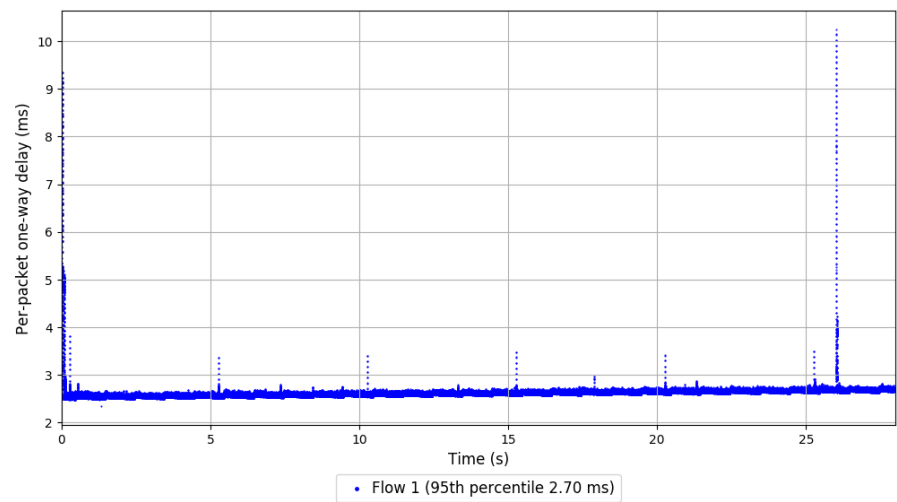
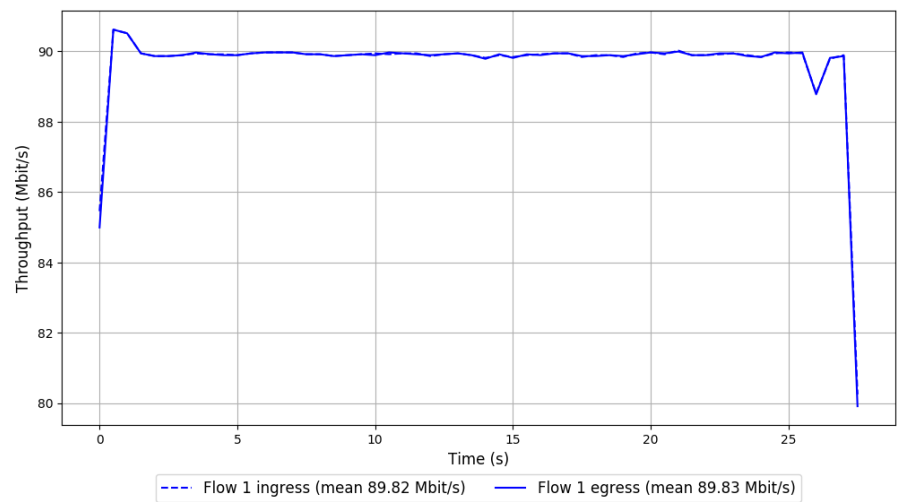
-- Flow 1:

Average throughput: 89.83 Mbit/s

95th percentile per-packet one-way delay: 2.698 ms

Loss rate: 0.02%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-01-01 23:53:14

End at: 2018-01-01 23:53:44

Local clock offset: -0.292 ms

Remote clock offset: 0.016 ms

Below is generated by plot.py at 2018-01-02 03:29:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.70 Mbit/s

95th percentile per-packet one-way delay: 2.368 ms

Loss rate: 0.02%

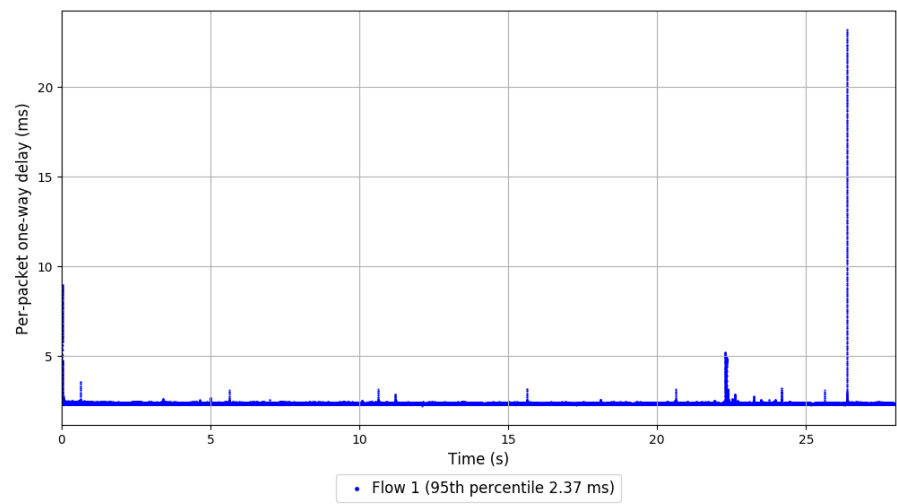
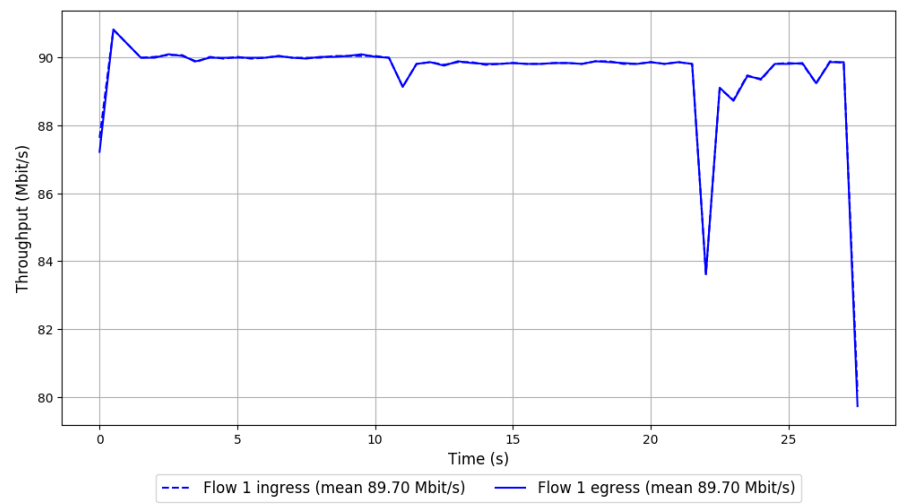
-- Flow 1:

Average throughput: 89.70 Mbit/s

95th percentile per-packet one-way delay: 2.368 ms

Loss rate: 0.02%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-01-02 00:10:12

End at: 2018-01-02 00:10:42

Local clock offset: 0.855 ms

Remote clock offset: -0.133 ms

Below is generated by plot.py at 2018-01-02 03:29:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.94 Mbit/s

95th percentile per-packet one-way delay: 2.309 ms

Loss rate: 0.02%

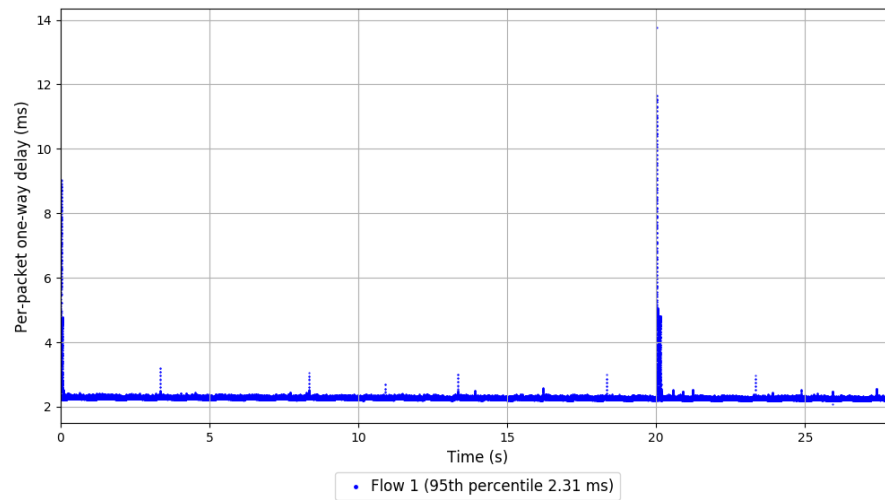
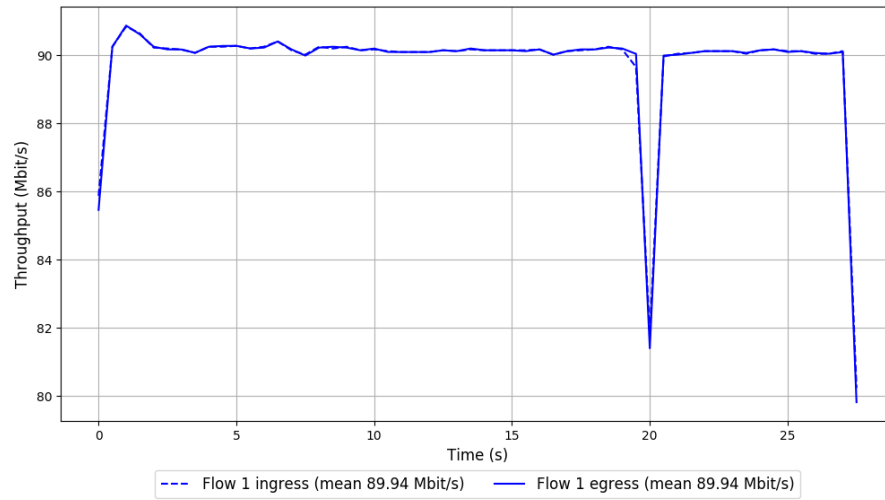
-- Flow 1:

Average throughput: 89.94 Mbit/s

95th percentile per-packet one-way delay: 2.309 ms

Loss rate: 0.02%

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

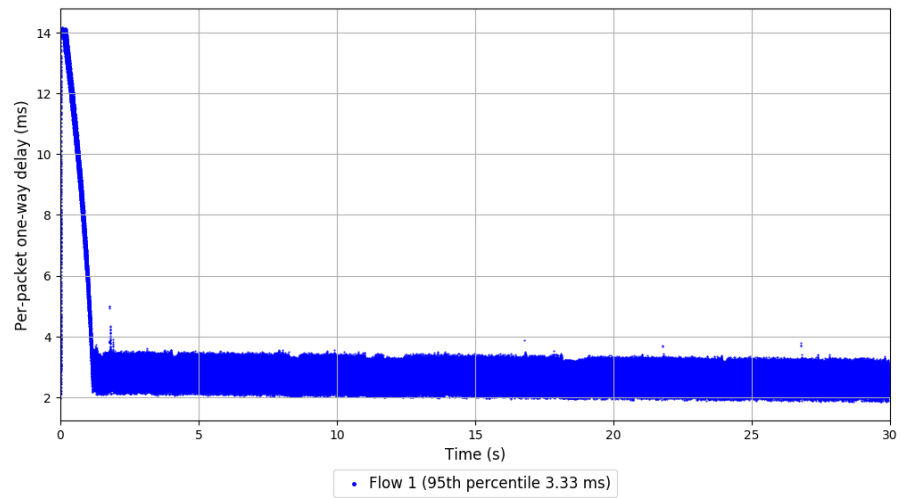
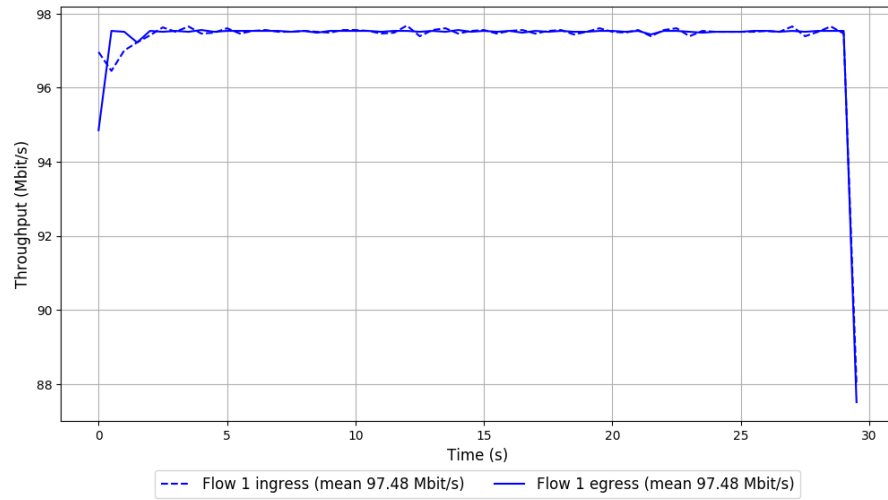


Run 1: Statistics of TCP Vegas

Start at: 2018-01-01 21:46:27
End at: 2018-01-01 21:46:57
Local clock offset: 5.142 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2018-01-02 03:29:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 3.327 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 3.327 ms
Loss rate: 0.02%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-01-01 22:03:25

End at: 2018-01-01 22:03:55

Local clock offset: 5.918 ms

Remote clock offset: 0.074 ms

Below is generated by plot.py at 2018-01-02 03:29:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 3.513 ms

Loss rate: 0.02%

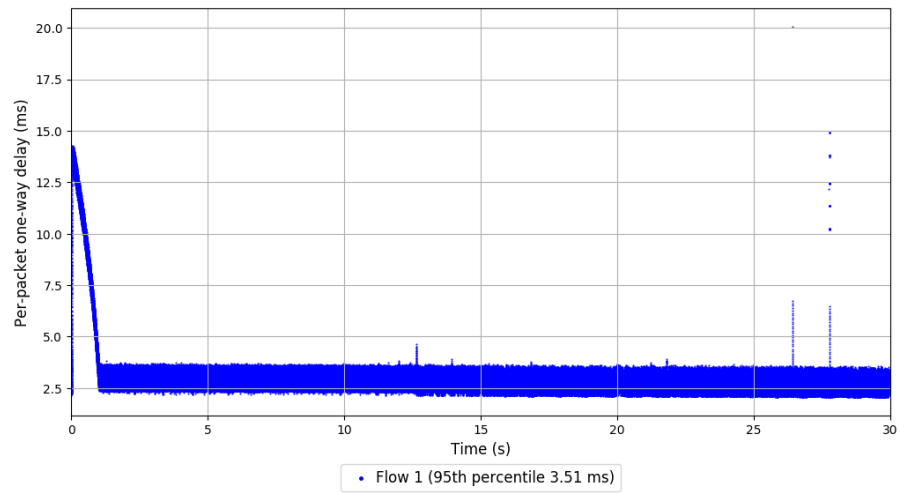
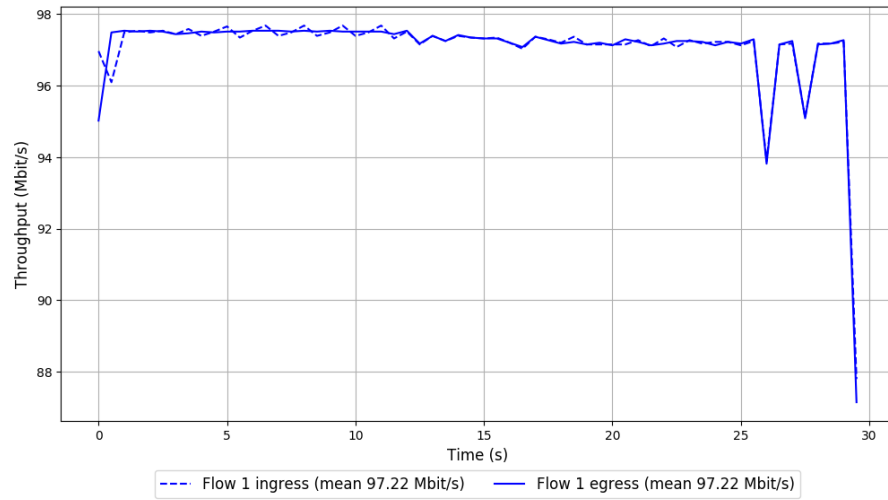
-- Flow 1:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 3.513 ms

Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-01-01 22:20:24

End at: 2018-01-01 22:20:54

Local clock offset: 6.567 ms

Remote clock offset: 0.174 ms

Below is generated by plot.py at 2018-01-02 03:29:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 3.925 ms

Loss rate: 0.02%

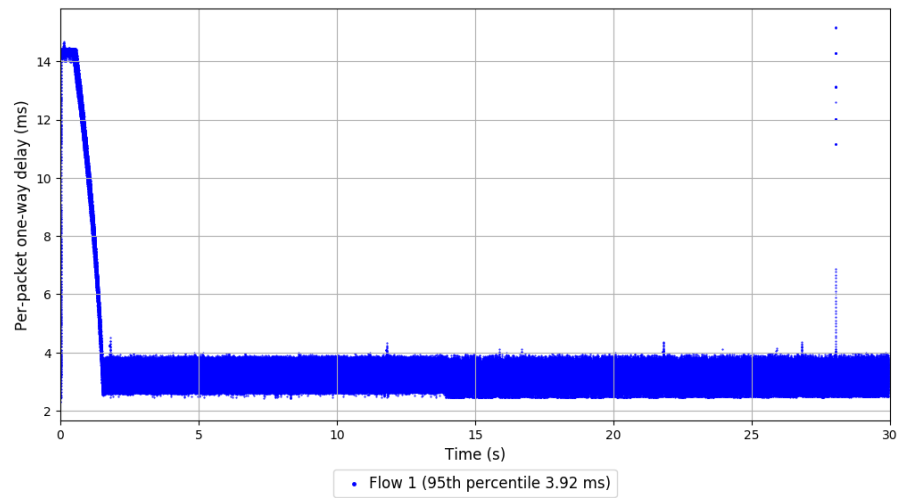
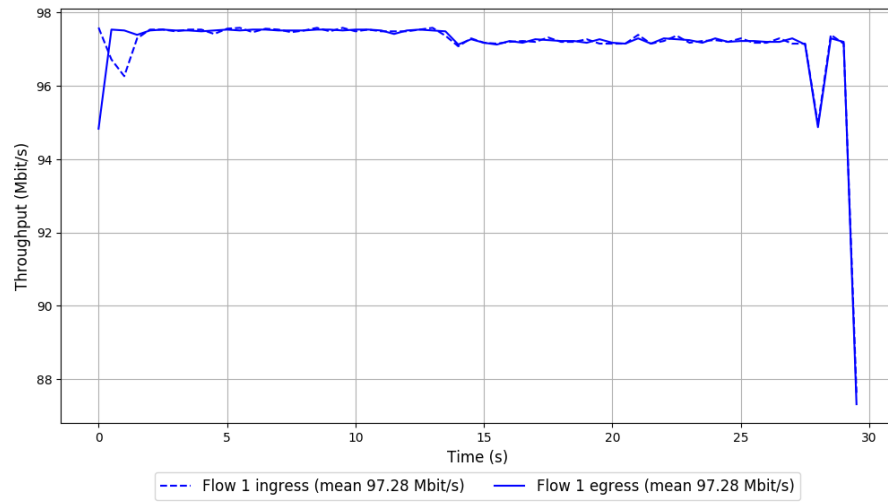
-- Flow 1:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 3.925 ms

Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-01-01 22:37:23

End at: 2018-01-01 22:37:53

Local clock offset: 8.684 ms

Remote clock offset: 0.351 ms

Below is generated by plot.py at 2018-01-02 03:29:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 3.525 ms

Loss rate: 0.02%

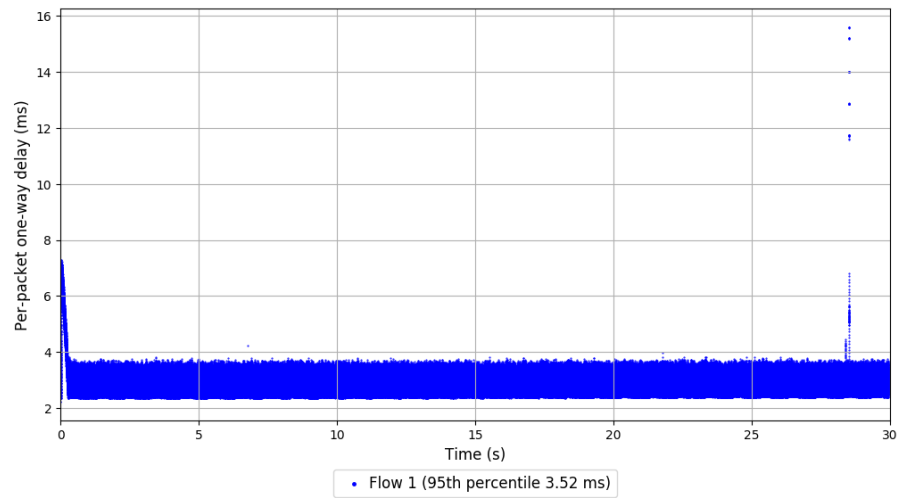
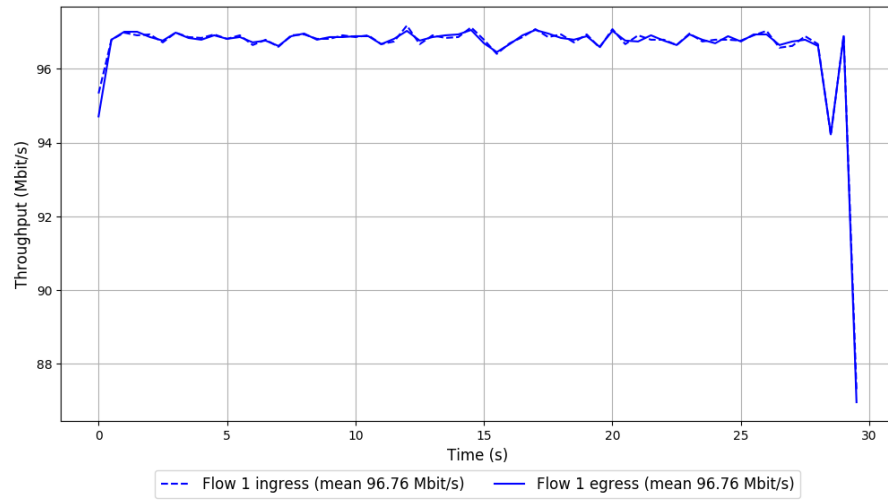
-- Flow 1:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 3.525 ms

Loss rate: 0.02%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-01-01 22:54:21

End at: 2018-01-01 22:54:51

Local clock offset: 8.752 ms

Remote clock offset: 0.305 ms

Below is generated by plot.py at 2018-01-02 03:29:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.66 Mbit/s

95th percentile per-packet one-way delay: 3.438 ms

Loss rate: 0.02%

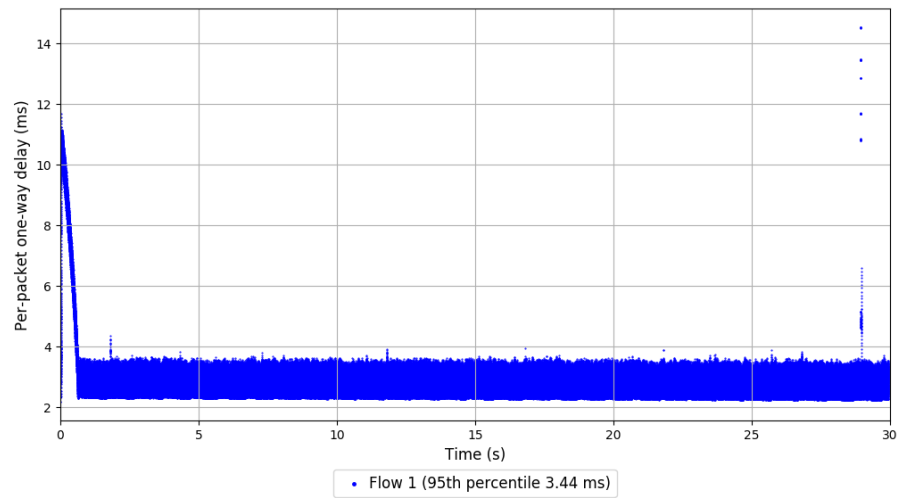
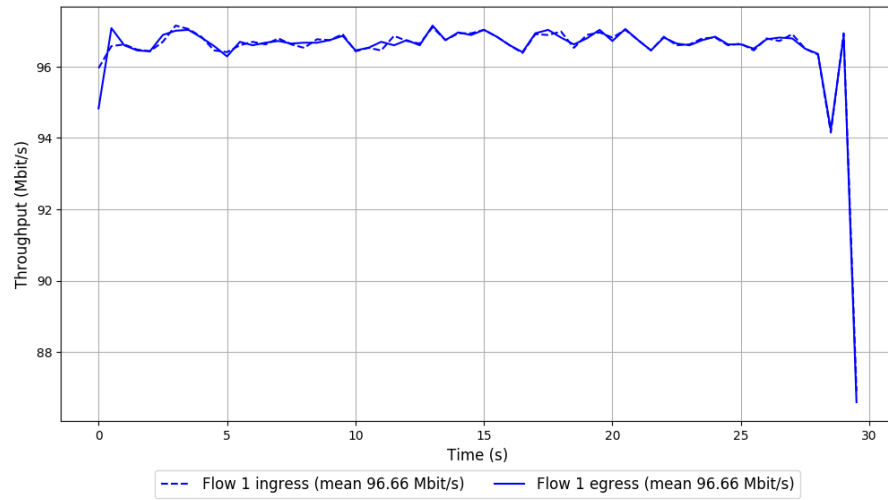
-- Flow 1:

Average throughput: 96.66 Mbit/s

95th percentile per-packet one-way delay: 3.438 ms

Loss rate: 0.02%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-01-01 23:11:18

End at: 2018-01-01 23:11:48

Local clock offset: 12.162 ms

Remote clock offset: 0.259 ms

Below is generated by plot.py at 2018-01-02 03:29:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 3.540 ms

Loss rate: 0.02%

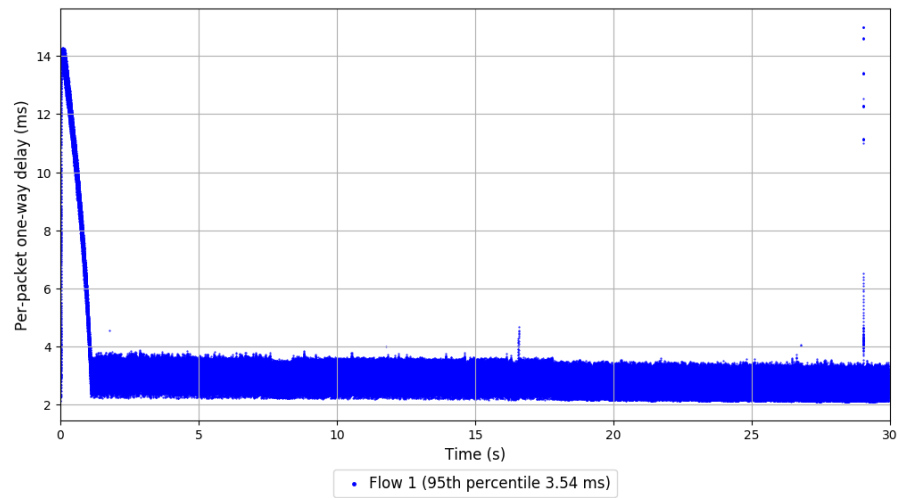
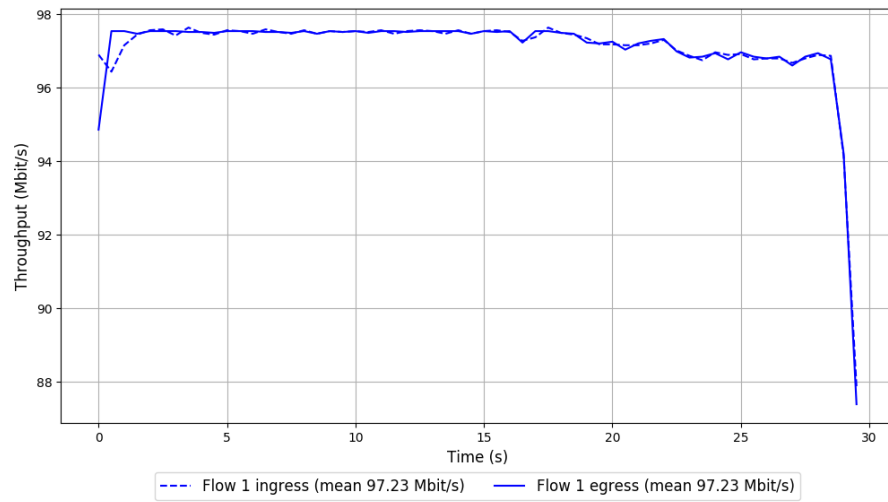
-- Flow 1:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 3.540 ms

Loss rate: 0.02%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-01-01 23:28:17

End at: 2018-01-01 23:28:47

Local clock offset: 7.499 ms

Remote clock offset: 0.213 ms

Below is generated by plot.py at 2018-01-02 03:29:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.70 Mbit/s

95th percentile per-packet one-way delay: 4.173 ms

Loss rate: 0.02%

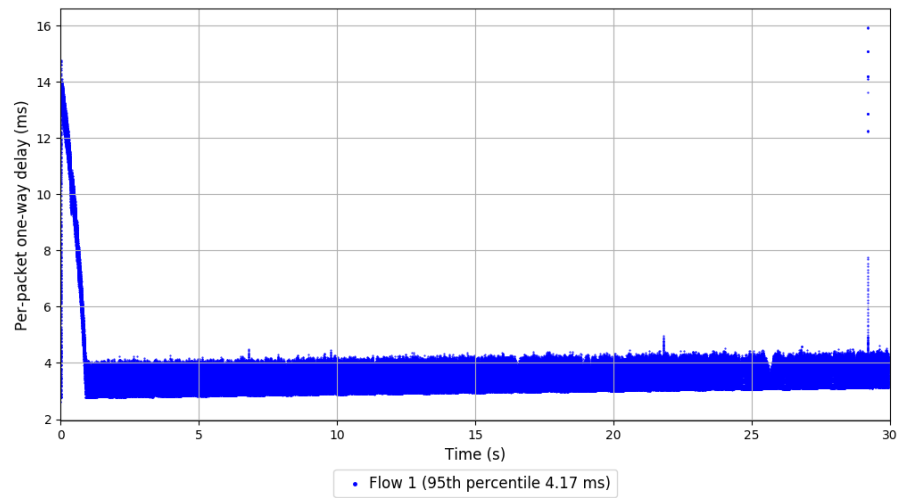
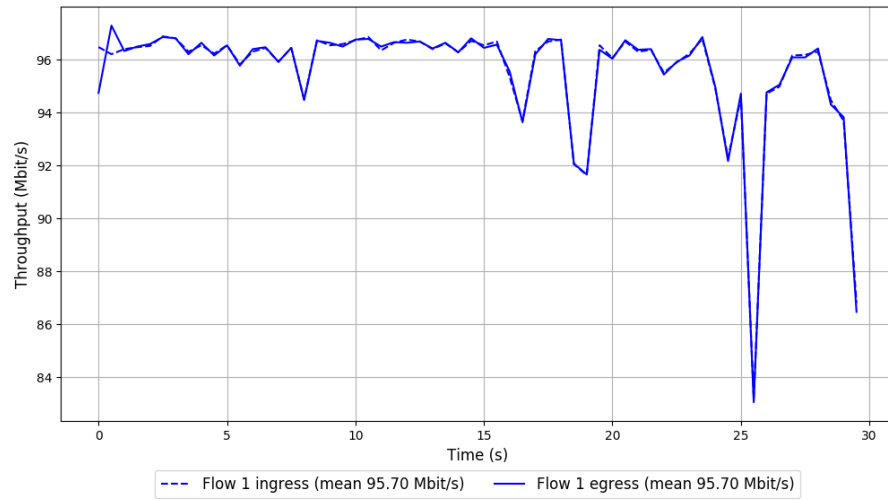
-- Flow 1:

Average throughput: 95.70 Mbit/s

95th percentile per-packet one-way delay: 4.173 ms

Loss rate: 0.02%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-01-01 23:45:15

End at: 2018-01-01 23:45:46

Local clock offset: 0.115 ms

Remote clock offset: 0.083 ms

Below is generated by plot.py at 2018-01-02 03:29:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 3.659 ms

Loss rate: 0.02%

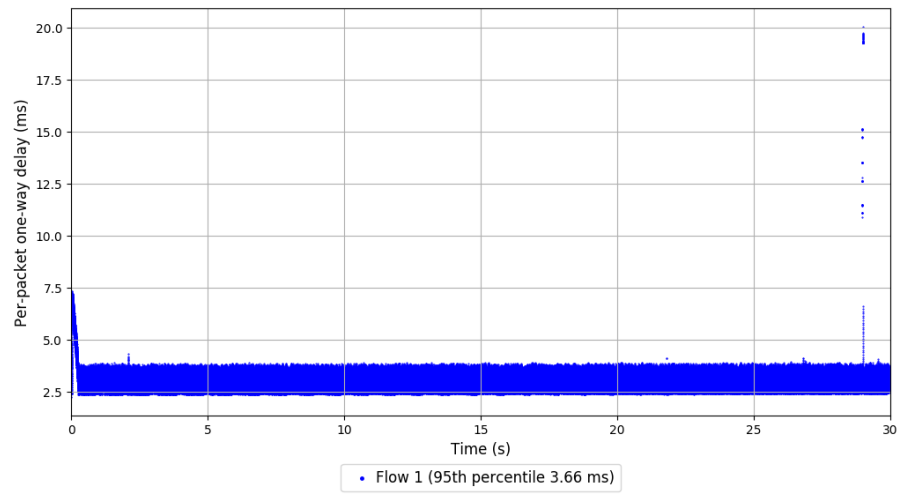
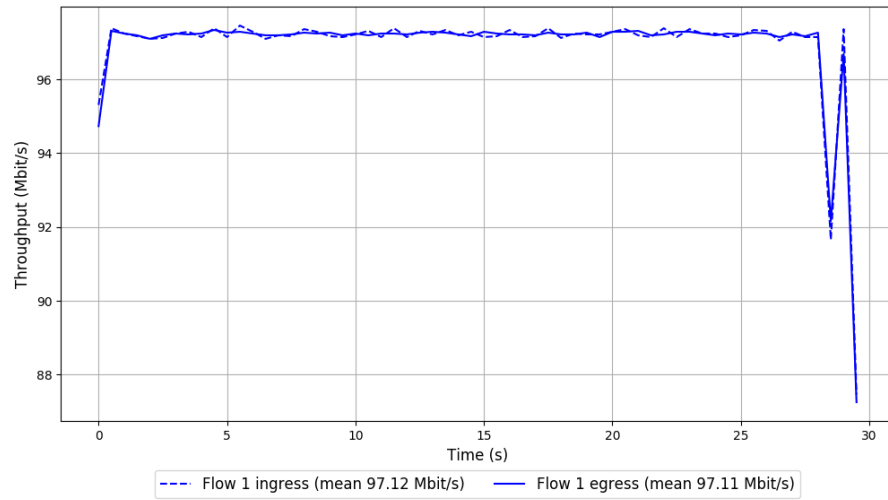
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 3.659 ms

Loss rate: 0.02%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-01-02 00:02:11

End at: 2018-01-02 00:02:41

Local clock offset: 0.236 ms

Remote clock offset: -0.13 ms

Below is generated by plot.py at 2018-01-02 03:30:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 3.543 ms

Loss rate: 0.02%

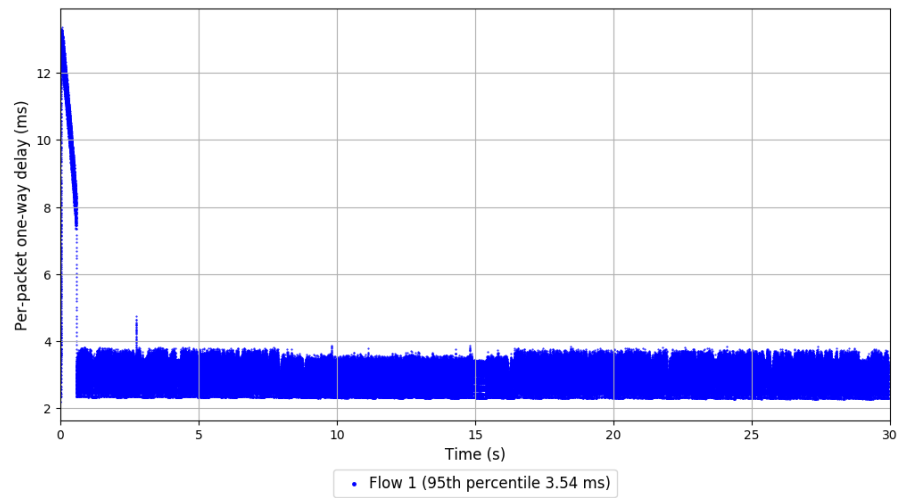
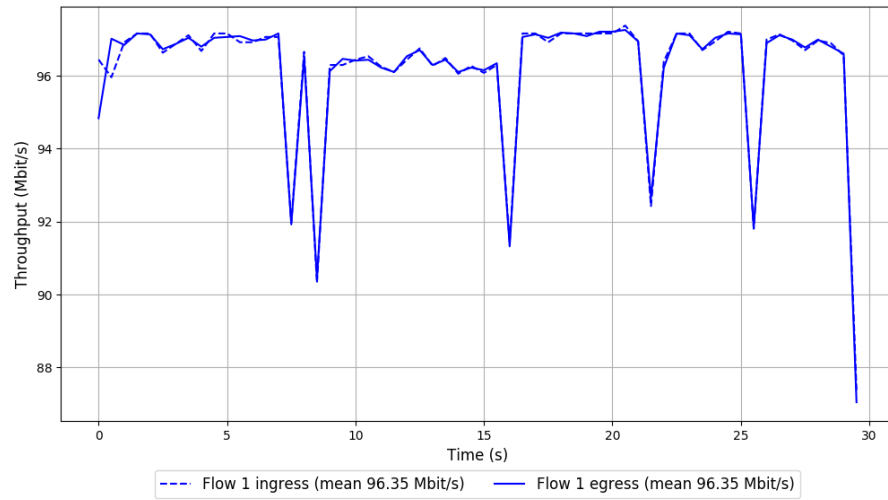
-- Flow 1:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 3.543 ms

Loss rate: 0.02%

Run 9: Report of TCP Vegas — Data Link

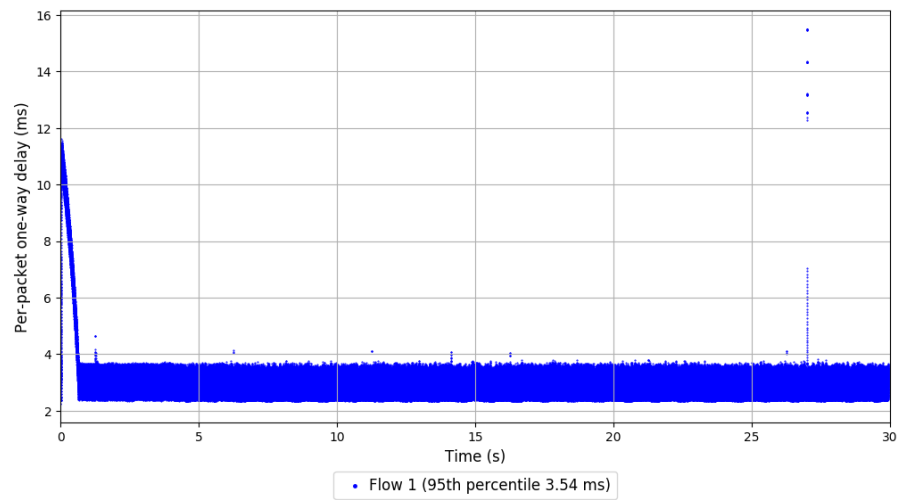
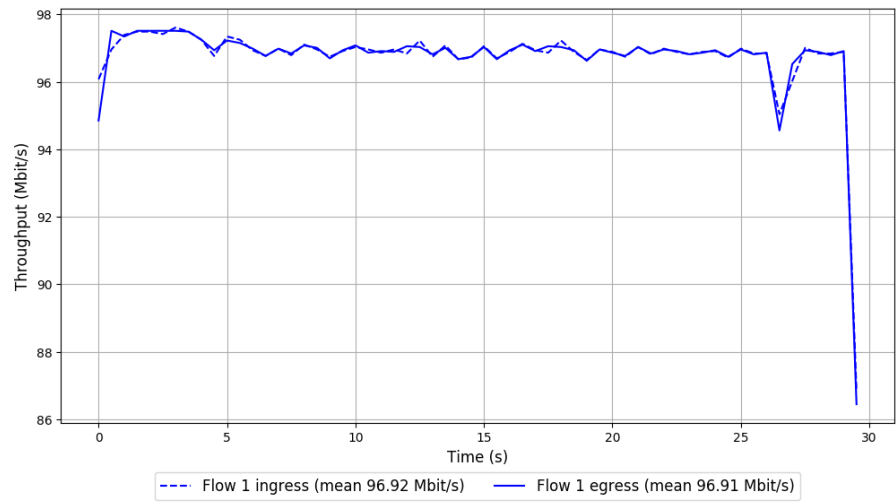


Run 10: Statistics of TCP Vegas

Start at: 2018-01-02 00:19:09
End at: 2018-01-02 00:19:39
Local clock offset: 1.206 ms
Remote clock offset: -0.132 ms

Below is generated by plot.py at 2018-01-02 03:30:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 3.536 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 3.536 ms
Loss rate: 0.02%

Run 10: Report of TCP Vegas — Data Link

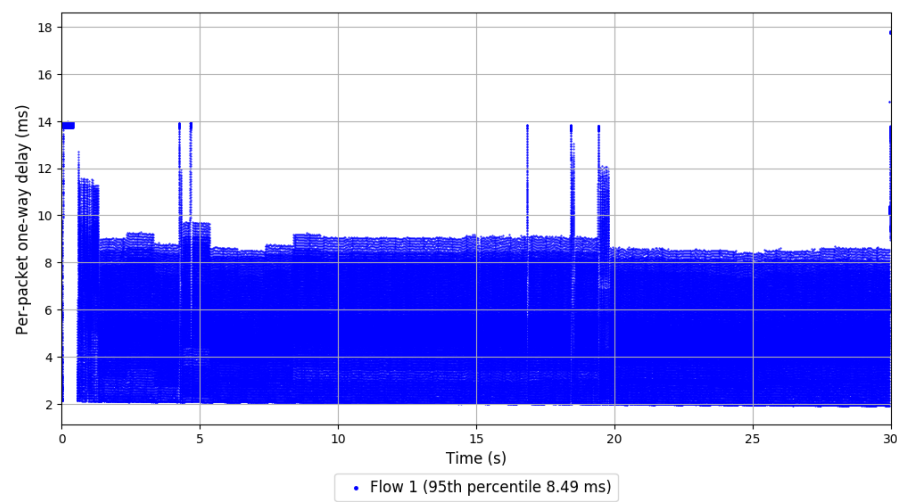
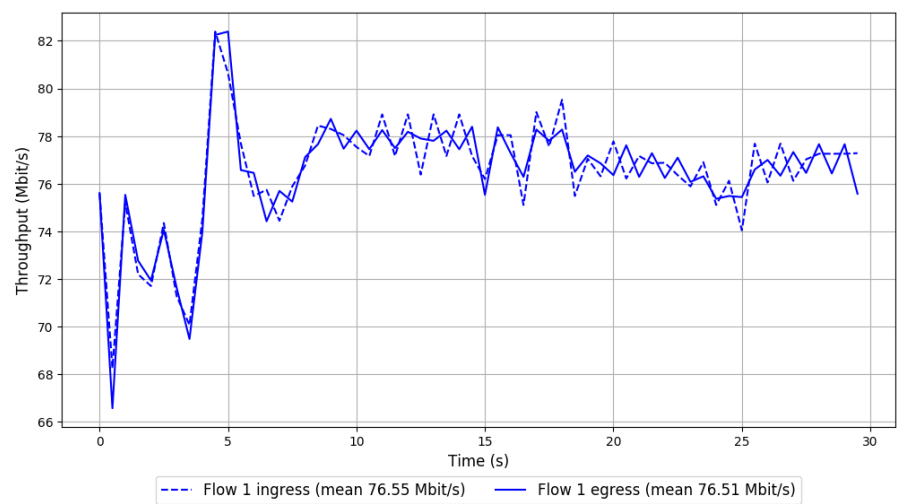


Run 1: Statistics of Verus

Start at: 2018-01-01 21:43:09
End at: 2018-01-01 21:43:39
Local clock offset: 3.613 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2018-01-02 03:30:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.51 Mbit/s
95th percentile per-packet one-way delay: 8.494 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 76.51 Mbit/s
95th percentile per-packet one-way delay: 8.494 ms
Loss rate: 0.06%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-01-01 22:00:08

End at: 2018-01-01 22:00:38

Local clock offset: 5.191 ms

Remote clock offset: 0.088 ms

Below is generated by plot.py at 2018-01-02 03:30:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.01 Mbit/s

95th percentile per-packet one-way delay: 8.139 ms

Loss rate: 0.01%

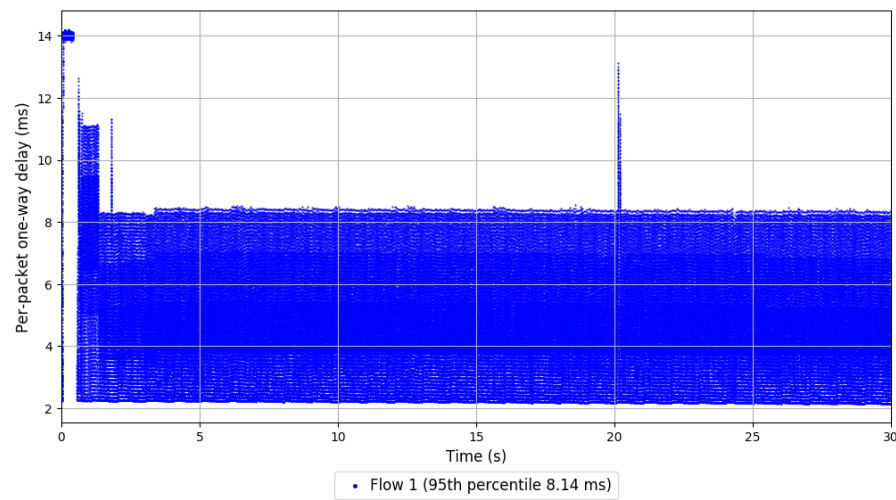
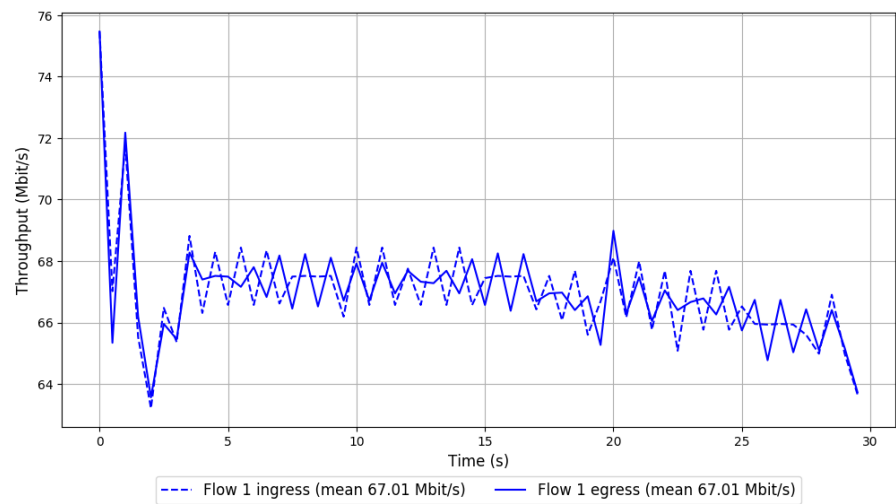
-- Flow 1:

Average throughput: 67.01 Mbit/s

95th percentile per-packet one-way delay: 8.139 ms

Loss rate: 0.01%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-01-01 22:17:07

End at: 2018-01-01 22:17:37

Local clock offset: 7.427 ms

Remote clock offset: 0.147 ms

Below is generated by plot.py at 2018-01-02 03:30:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.19 Mbit/s

95th percentile per-packet one-way delay: 10.576 ms

Loss rate: 0.03%

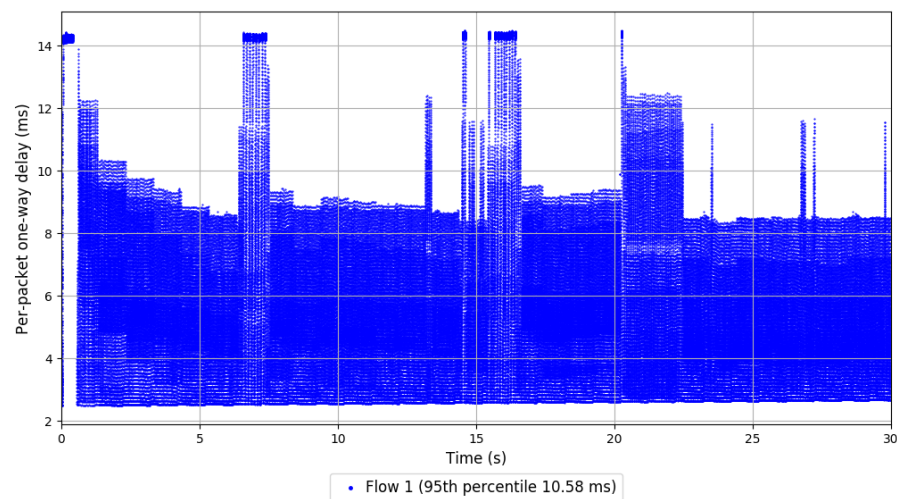
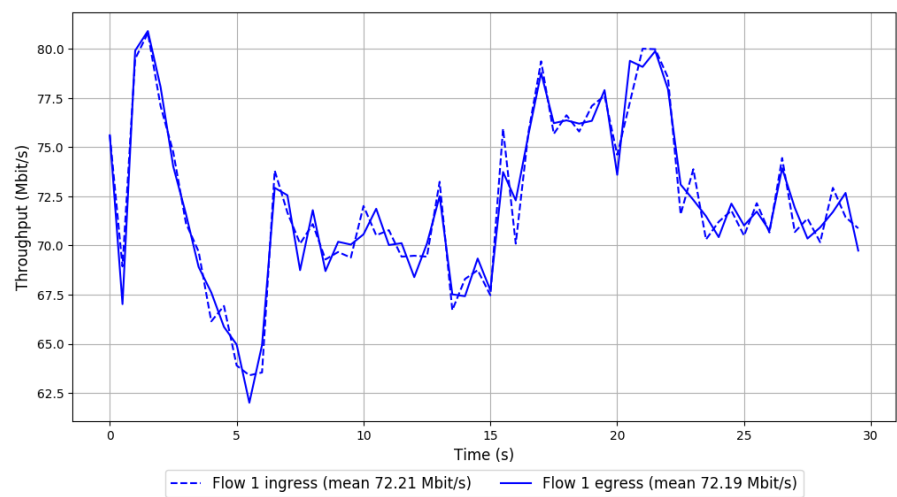
-- Flow 1:

Average throughput: 72.19 Mbit/s

95th percentile per-packet one-way delay: 10.576 ms

Loss rate: 0.03%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-01-01 22:34:05

End at: 2018-01-01 22:34:35

Local clock offset: 8.139 ms

Remote clock offset: 0.333 ms

Below is generated by plot.py at 2018-01-02 03:30:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.48 Mbit/s

95th percentile per-packet one-way delay: 9.315 ms

Loss rate: 0.01%

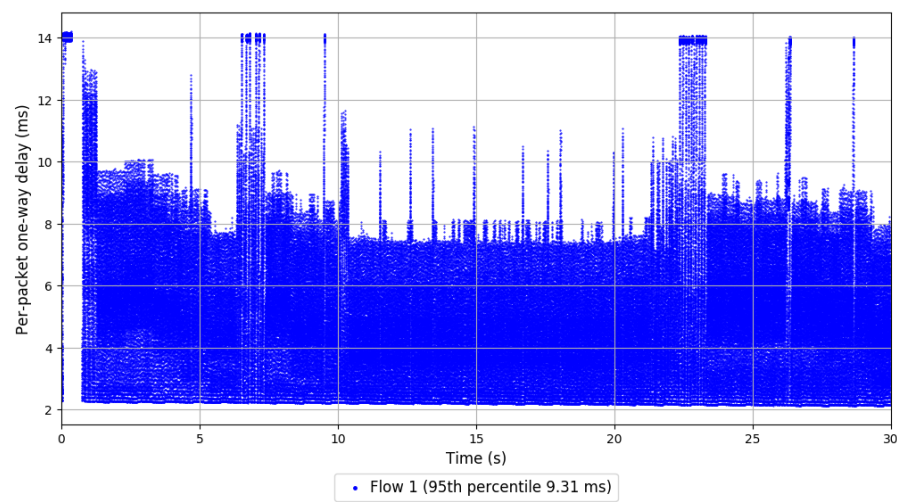
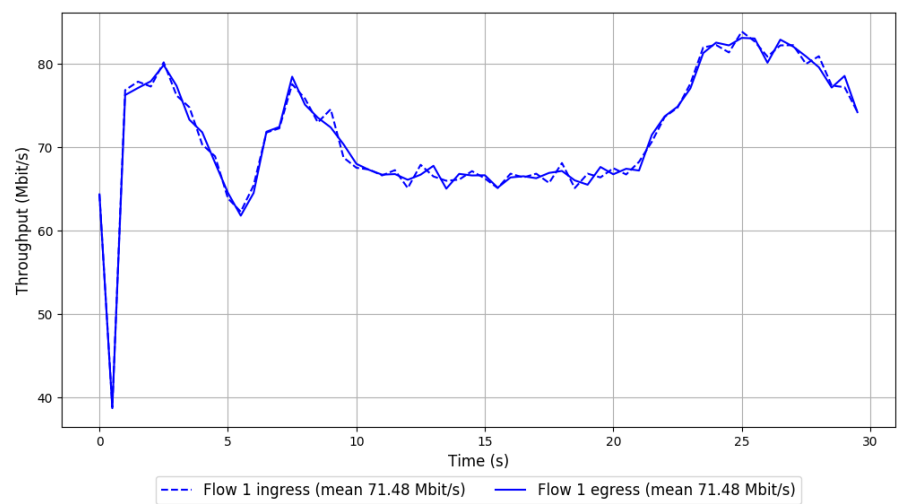
-- Flow 1:

Average throughput: 71.48 Mbit/s

95th percentile per-packet one-way delay: 9.315 ms

Loss rate: 0.01%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-01-01 22:51:04

End at: 2018-01-01 22:51:34

Local clock offset: 8.41 ms

Remote clock offset: 0.357 ms

Below is generated by plot.py at 2018-01-02 03:30:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.06 Mbit/s

95th percentile per-packet one-way delay: 8.303 ms

Loss rate: 0.02%

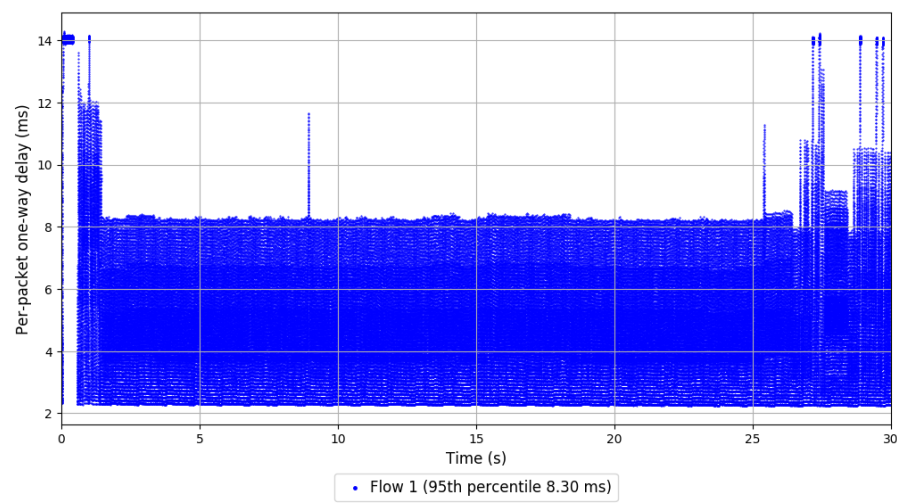
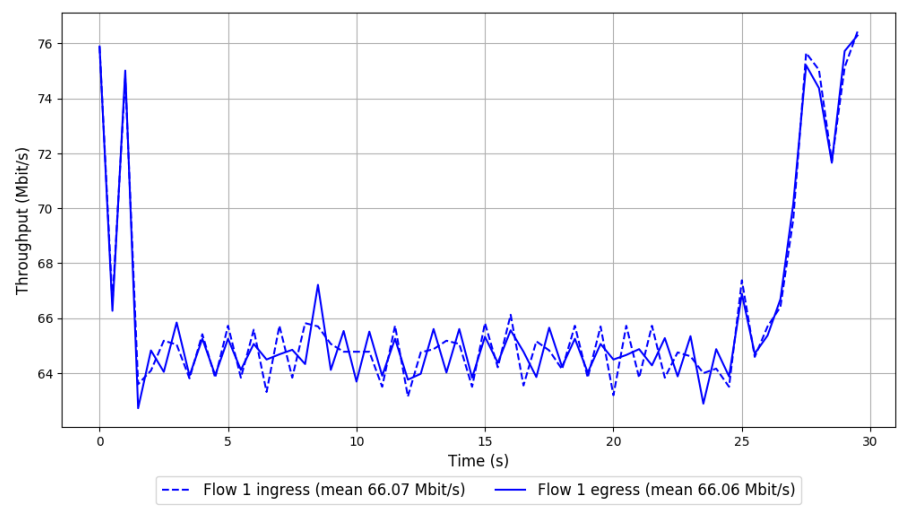
-- Flow 1:

Average throughput: 66.06 Mbit/s

95th percentile per-packet one-way delay: 8.303 ms

Loss rate: 0.02%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-01-01 23:08:00

End at: 2018-01-01 23:08:30

Local clock offset: 11.348 ms

Remote clock offset: 0.307 ms

Below is generated by plot.py at 2018-01-02 03:30:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.42 Mbit/s

95th percentile per-packet one-way delay: 9.212 ms

Loss rate: 0.04%

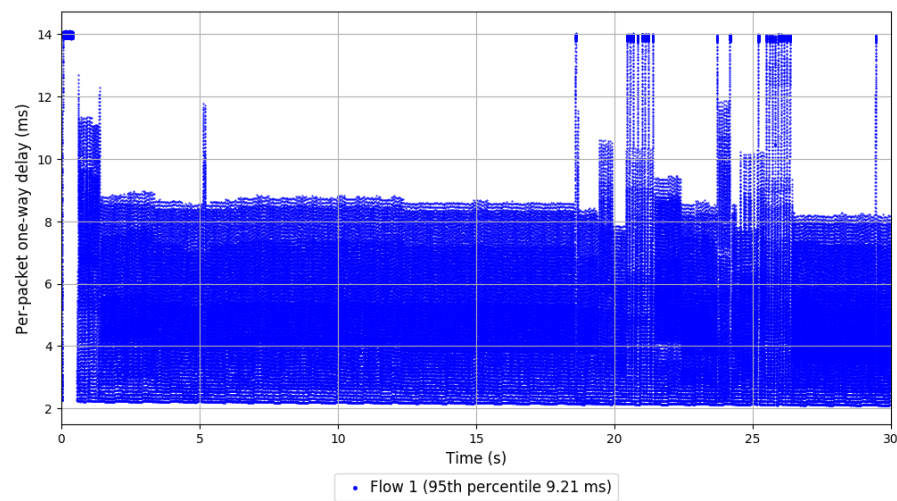
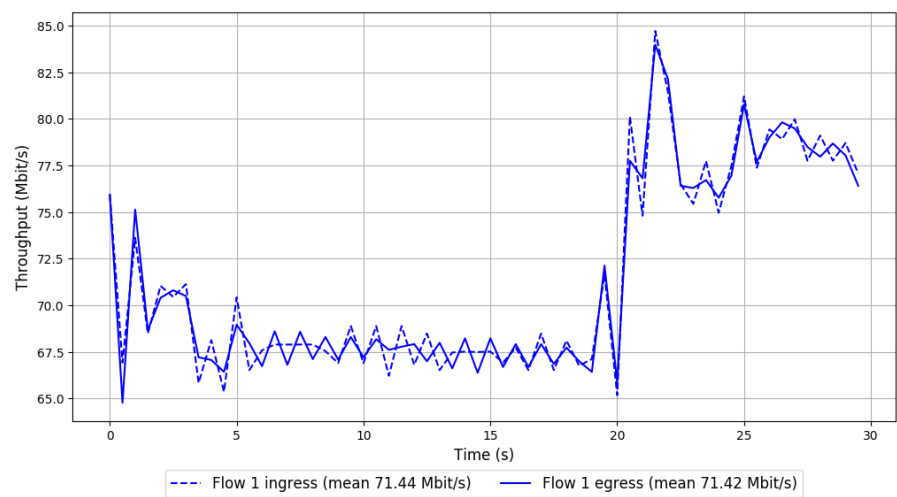
-- Flow 1:

Average throughput: 71.42 Mbit/s

95th percentile per-packet one-way delay: 9.212 ms

Loss rate: 0.04%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-01-01 23:25:00

End at: 2018-01-01 23:25:30

Local clock offset: 10.611 ms

Remote clock offset: 0.22 ms

Below is generated by plot.py at 2018-01-02 03:31:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.47 Mbit/s

95th percentile per-packet one-way delay: 9.465 ms

Loss rate: 0.04%

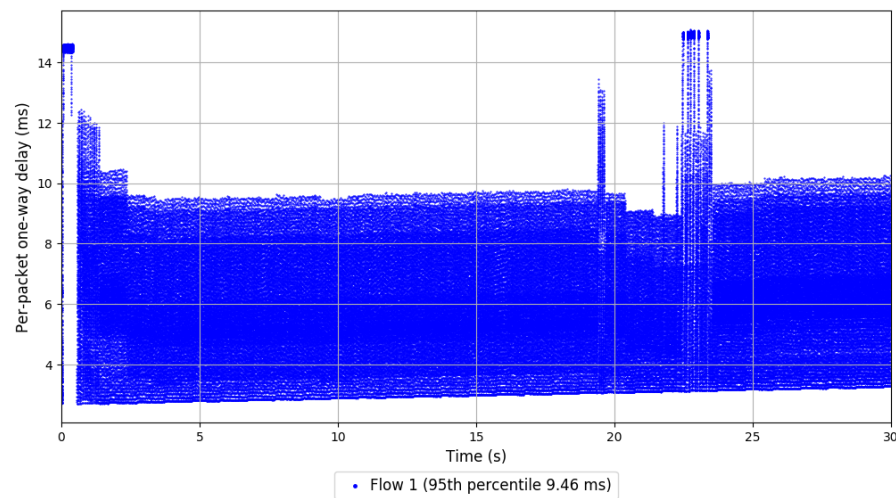
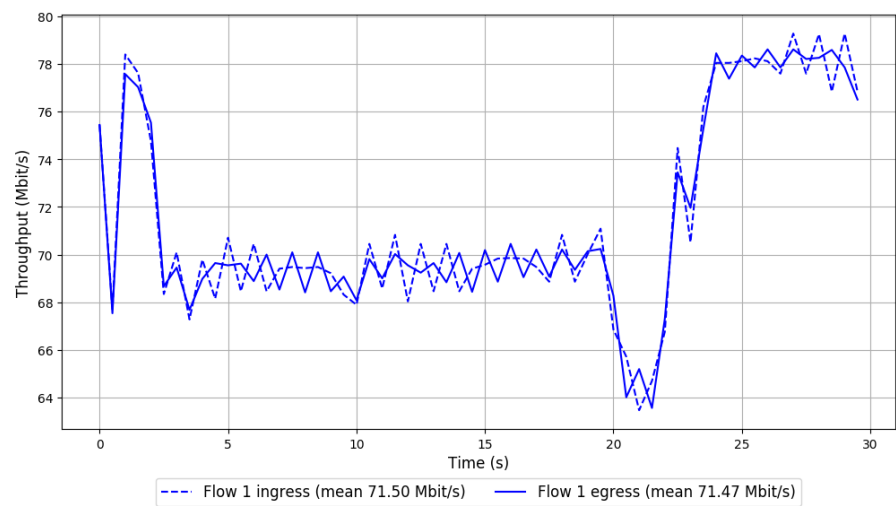
-- Flow 1:

Average throughput: 71.47 Mbit/s

95th percentile per-packet one-way delay: 9.465 ms

Loss rate: 0.04%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-01-01 23:41:58

End at: 2018-01-01 23:42:28

Local clock offset: 0.603 ms

Remote clock offset: 0.128 ms

Below is generated by plot.py at 2018-01-02 03:31:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.07 Mbit/s

95th percentile per-packet one-way delay: 8.376 ms

Loss rate: 0.00%

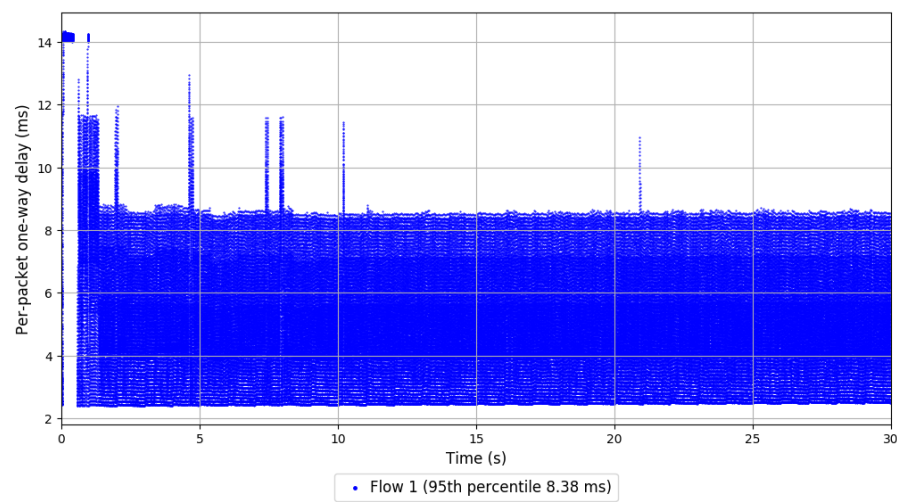
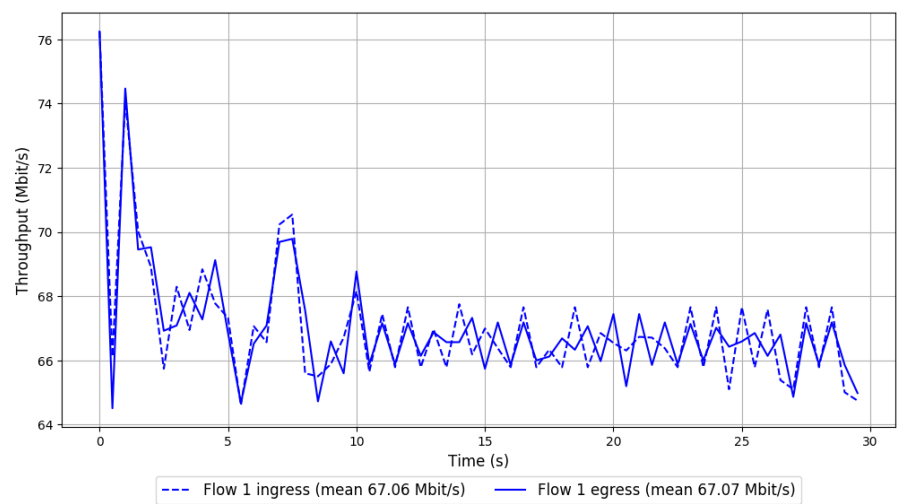
-- Flow 1:

Average throughput: 67.07 Mbit/s

95th percentile per-packet one-way delay: 8.376 ms

Loss rate: 0.00%

Run 8: Report of Verus — Data Link

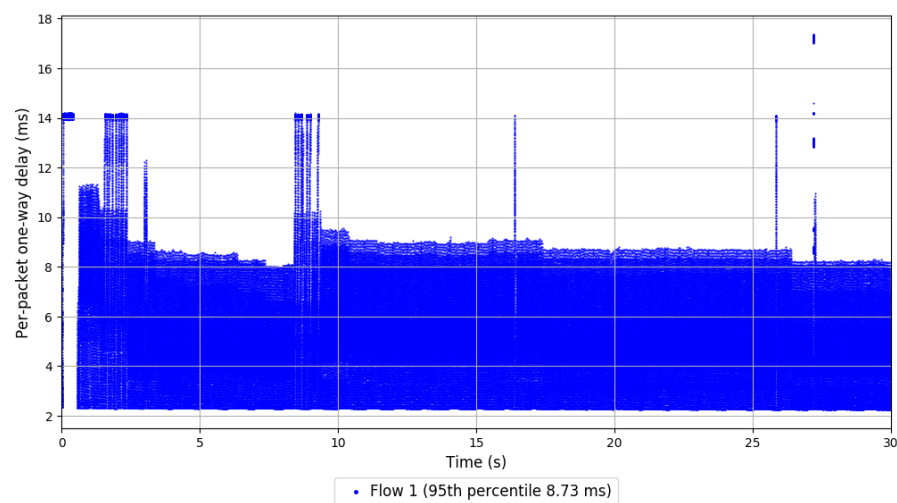
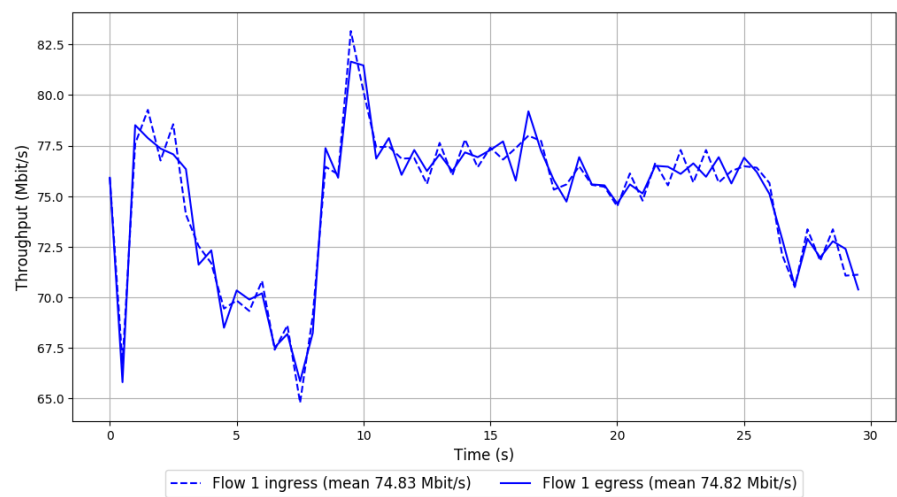


Run 9: Statistics of Verus

Start at: 2018-01-01 23:58:53
End at: 2018-01-01 23:59:23
Local clock offset: -0.082 ms
Remote clock offset: -0.056 ms

Below is generated by plot.py at 2018-01-02 03:31:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.82 Mbit/s
95th percentile per-packet one-way delay: 8.729 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 74.82 Mbit/s
95th percentile per-packet one-way delay: 8.729 ms
Loss rate: 0.02%

Run 9: Report of Verus — Data Link

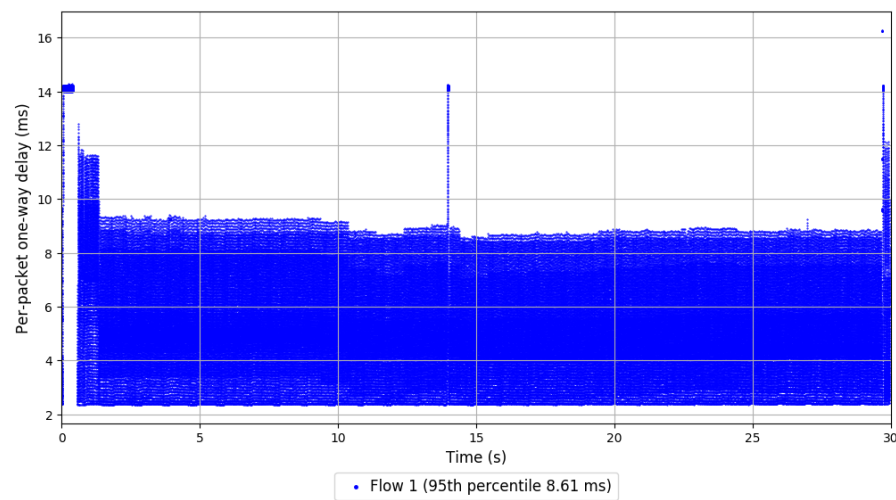
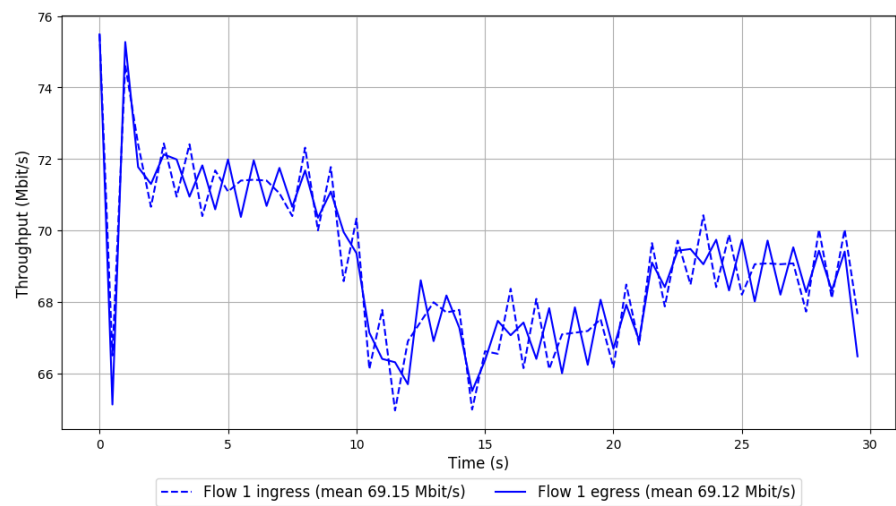


Run 10: Statistics of Verus

Start at: 2018-01-02 00:15:52
End at: 2018-01-02 00:16:22
Local clock offset: 1.211 ms
Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-01-02 03:31:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.12 Mbit/s
95th percentile per-packet one-way delay: 8.614 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 69.12 Mbit/s
95th percentile per-packet one-way delay: 8.614 ms
Loss rate: 0.06%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-01-01 21:47:35

End at: 2018-01-01 21:48:05

Local clock offset: 5.727 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2018-01-02 03:32:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.90 Mbit/s

95th percentile per-packet one-way delay: 3.230 ms

Loss rate: 0.02%

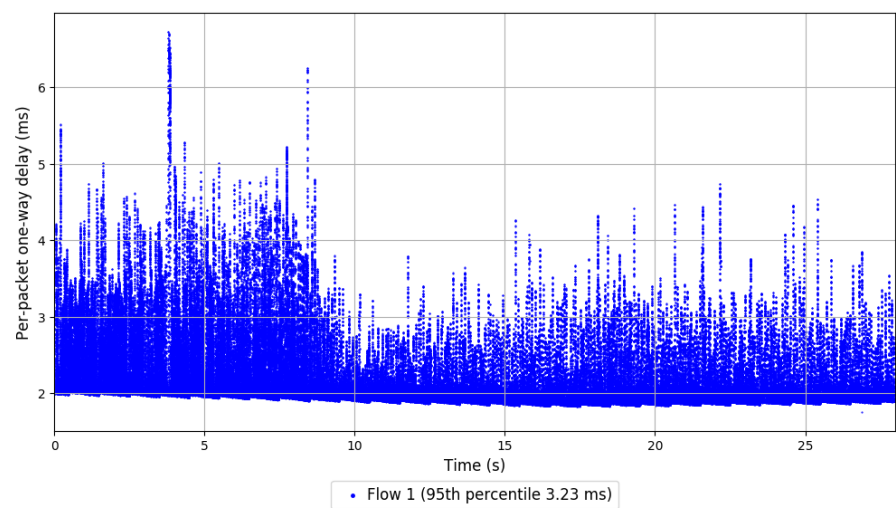
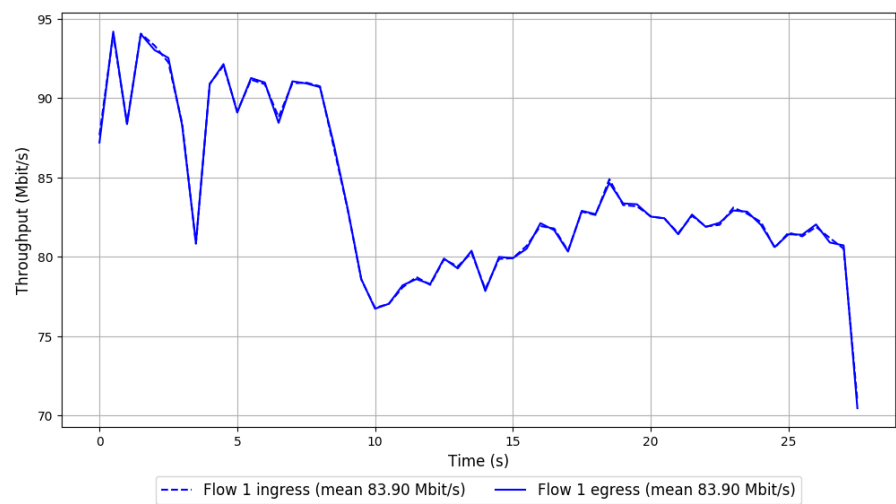
-- Flow 1:

Average throughput: 83.90 Mbit/s

95th percentile per-packet one-way delay: 3.230 ms

Loss rate: 0.02%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-01-01 22:04:33

End at: 2018-01-01 22:05:03

Local clock offset: 6.254 ms

Remote clock offset: 0.134 ms

Below is generated by plot.py at 2018-01-02 03:32:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.83 Mbit/s

95th percentile per-packet one-way delay: 3.337 ms

Loss rate: 0.01%

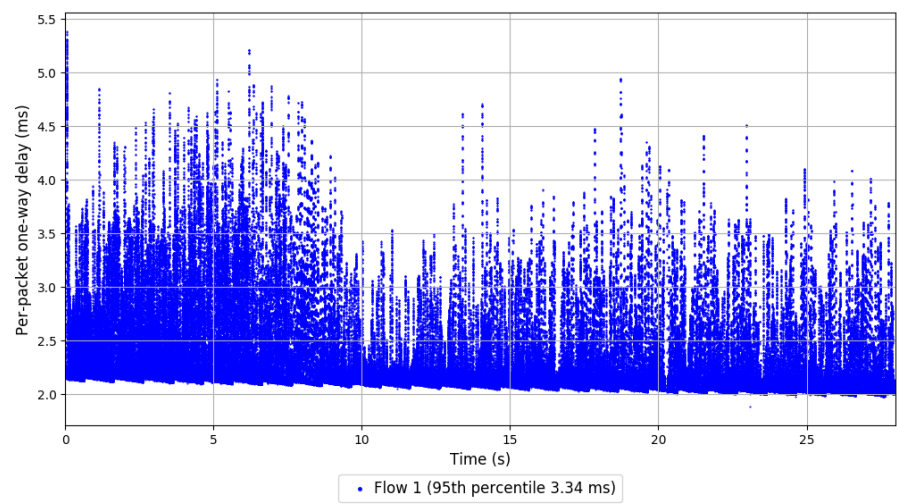
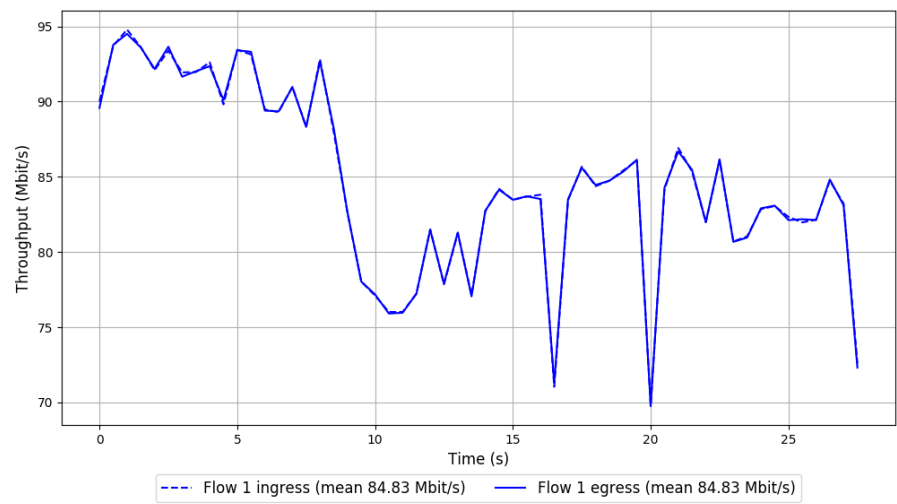
-- Flow 1:

Average throughput: 84.83 Mbit/s

95th percentile per-packet one-way delay: 3.337 ms

Loss rate: 0.01%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-01-01 22:21:33

End at: 2018-01-01 22:22:03

Local clock offset: 6.442 ms

Remote clock offset: 0.25 ms

Below is generated by plot.py at 2018-01-02 03:32:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.80 Mbit/s

95th percentile per-packet one-way delay: 3.670 ms

Loss rate: 0.02%

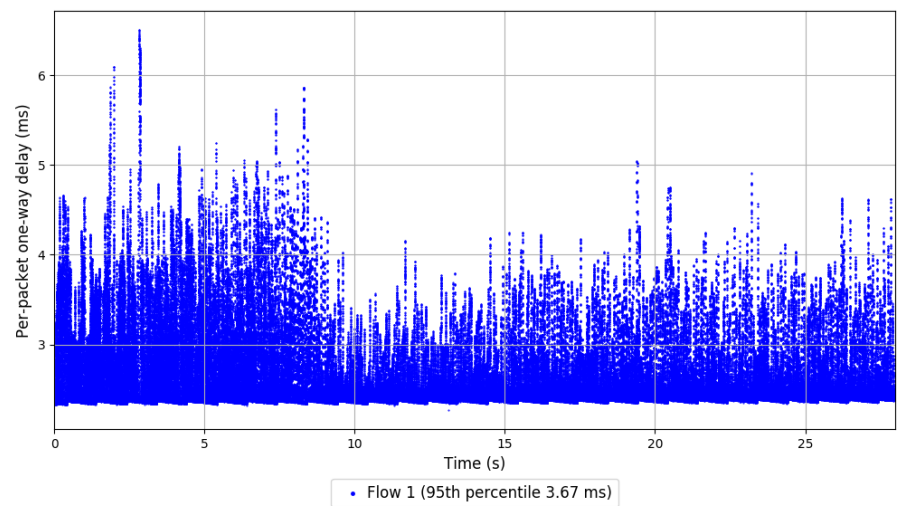
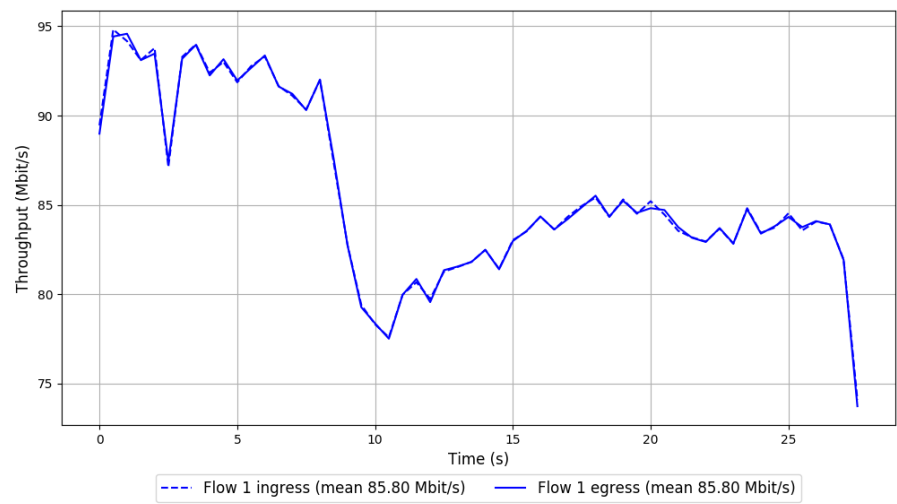
-- Flow 1:

Average throughput: 85.80 Mbit/s

95th percentile per-packet one-way delay: 3.670 ms

Loss rate: 0.02%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-01-01 22:38:31

End at: 2018-01-01 22:39:01

Local clock offset: 8.604 ms

Remote clock offset: 0.349 ms

Below is generated by plot.py at 2018-01-02 03:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.16 Mbit/s

95th percentile per-packet one-way delay: 3.738 ms

Loss rate: 0.02%

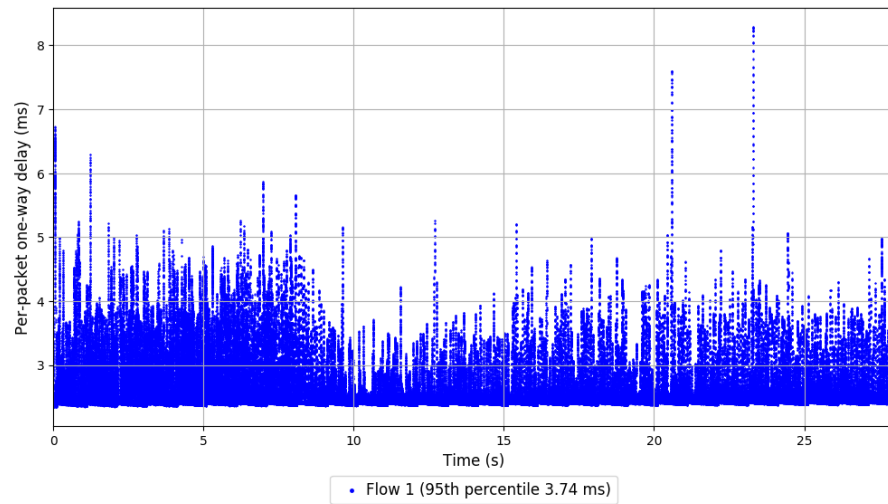
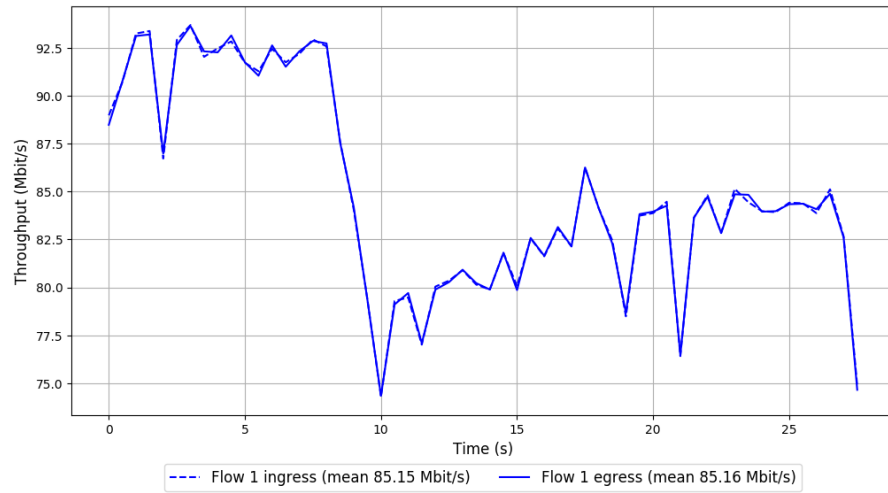
-- Flow 1:

Average throughput: 85.16 Mbit/s

95th percentile per-packet one-way delay: 3.738 ms

Loss rate: 0.02%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-01-01 22:55:30

End at: 2018-01-01 22:56:00

Local clock offset: 8.887 ms

Remote clock offset: 0.319 ms

Below is generated by plot.py at 2018-01-02 03:33:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.08 Mbit/s

95th percentile per-packet one-way delay: 3.573 ms

Loss rate: 0.02%

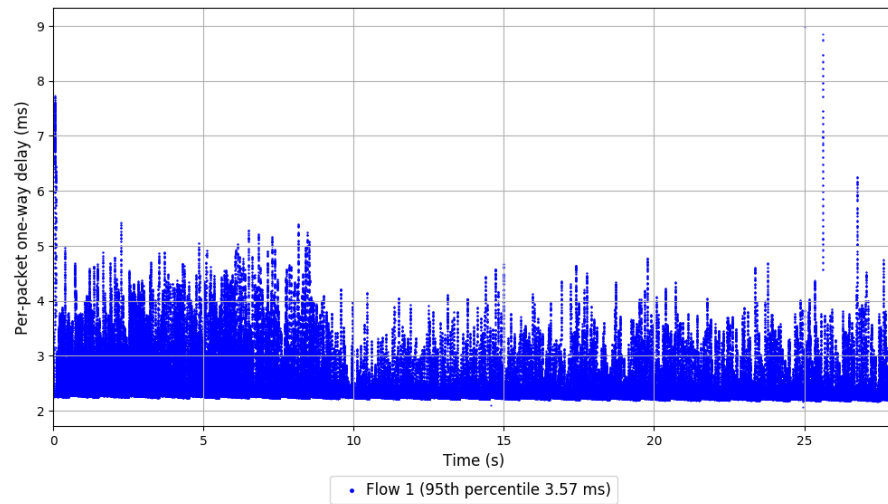
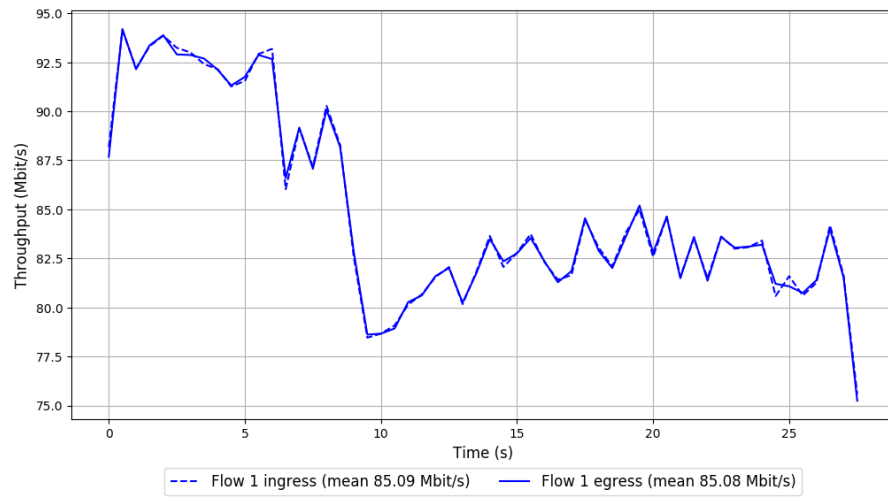
-- Flow 1:

Average throughput: 85.08 Mbit/s

95th percentile per-packet one-way delay: 3.573 ms

Loss rate: 0.02%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-01-01 23:12:26

End at: 2018-01-01 23:12:56

Local clock offset: 12.416 ms

Remote clock offset: 0.265 ms

Below is generated by plot.py at 2018-01-02 03:33:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.97 Mbit/s

95th percentile per-packet one-way delay: 3.467 ms

Loss rate: 0.02%

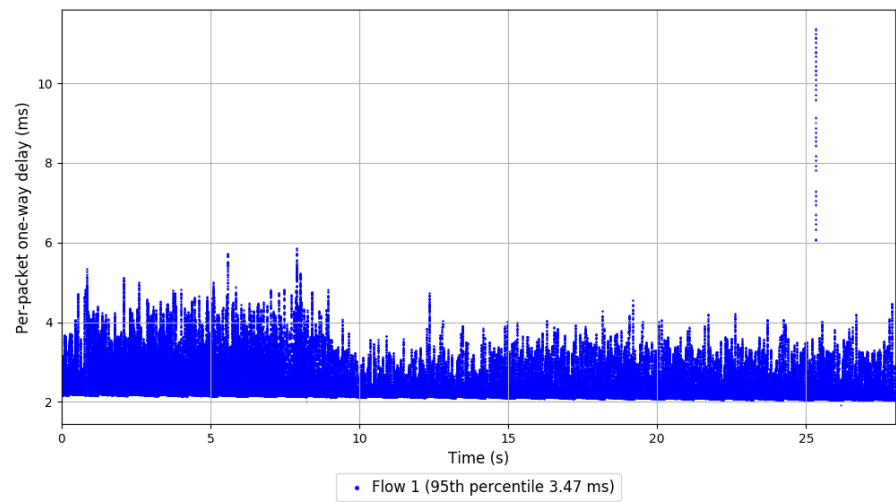
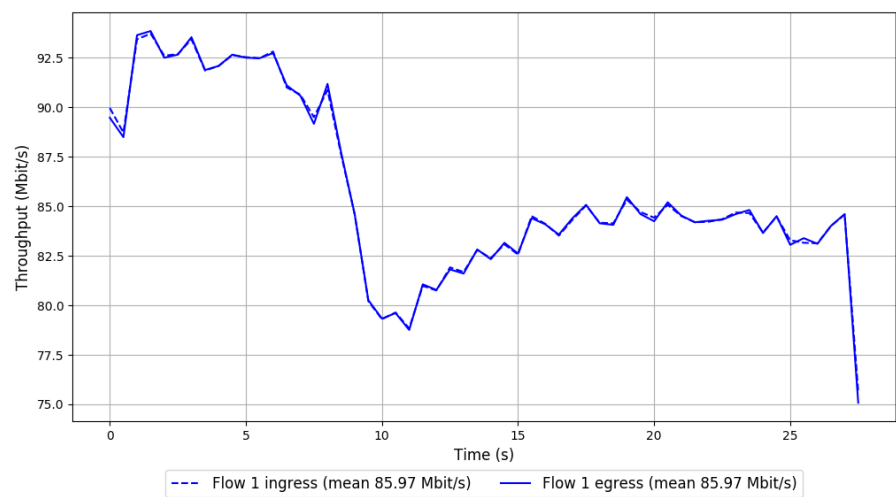
-- Flow 1:

Average throughput: 85.97 Mbit/s

95th percentile per-packet one-way delay: 3.467 ms

Loss rate: 0.02%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-01-01 23:29:25

End at: 2018-01-01 23:29:55

Local clock offset: 6.474 ms

Remote clock offset: 0.193 ms

Below is generated by plot.py at 2018-01-02 03:33:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.72 Mbit/s

95th percentile per-packet one-way delay: 3.993 ms

Loss rate: 0.02%

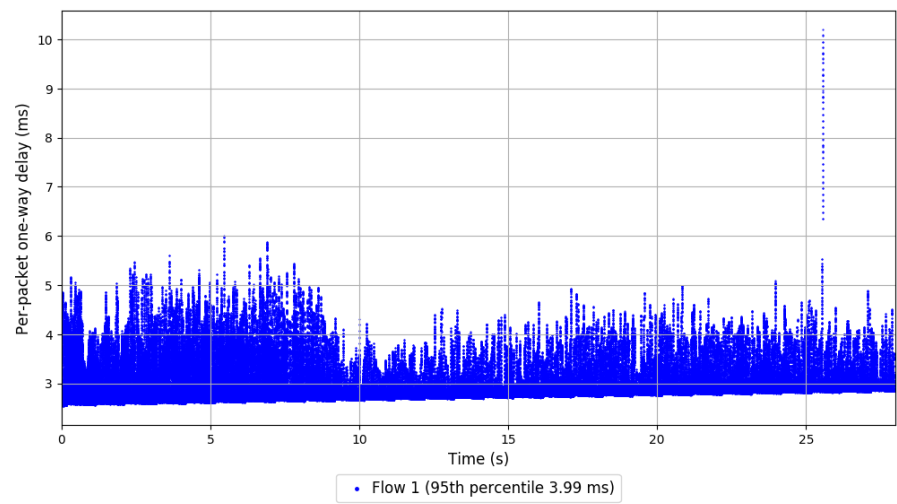
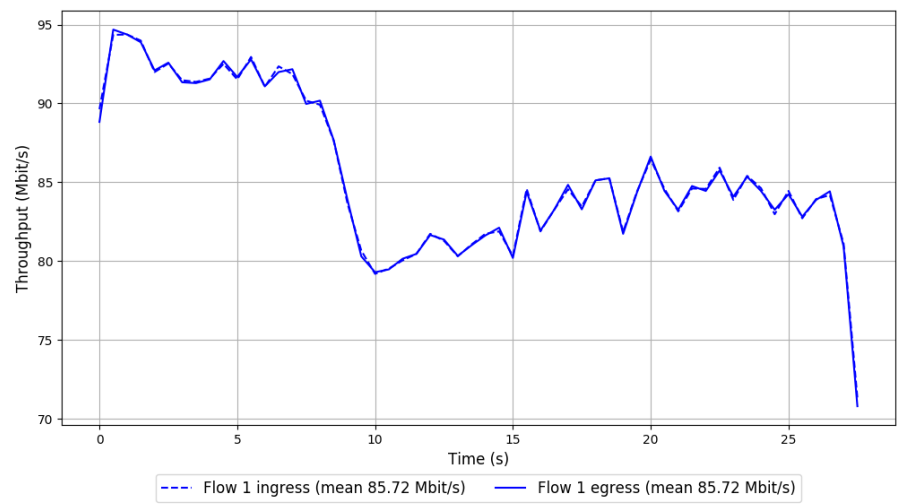
-- Flow 1:

Average throughput: 85.72 Mbit/s

95th percentile per-packet one-way delay: 3.993 ms

Loss rate: 0.02%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-01-01 23:46:24

End at: 2018-01-01 23:46:54

Local clock offset: -0.087 ms

Remote clock offset: 0.085 ms

Below is generated by plot.py at 2018-01-02 03:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.36 Mbit/s

95th percentile per-packet one-way delay: 3.582 ms

Loss rate: 0.02%

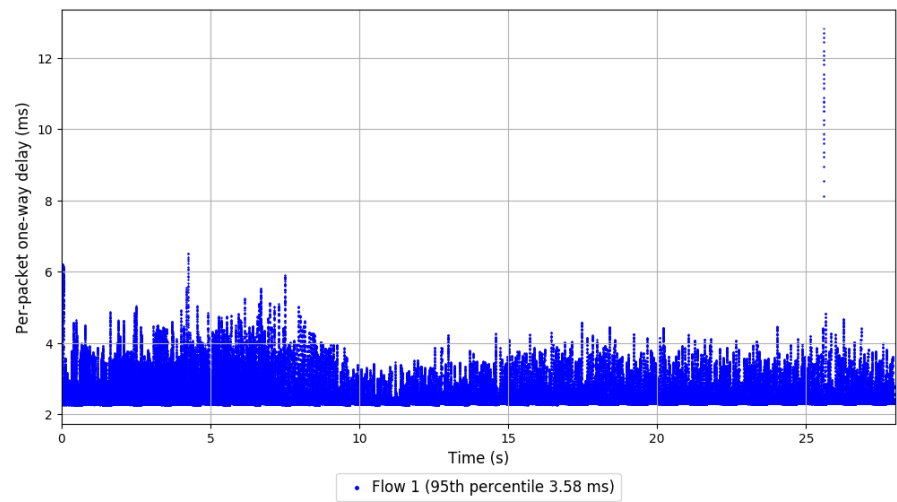
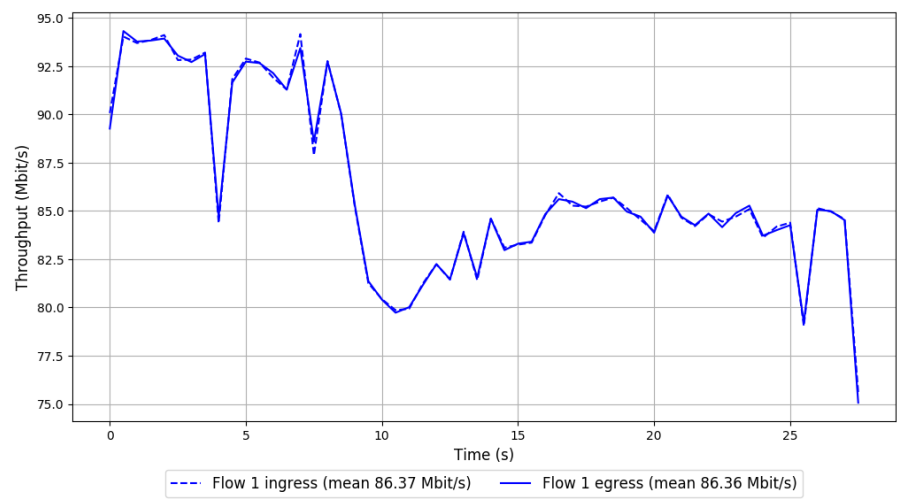
-- Flow 1:

Average throughput: 86.36 Mbit/s

95th percentile per-packet one-way delay: 3.582 ms

Loss rate: 0.02%

Run 8: Report of Copa — Data Link

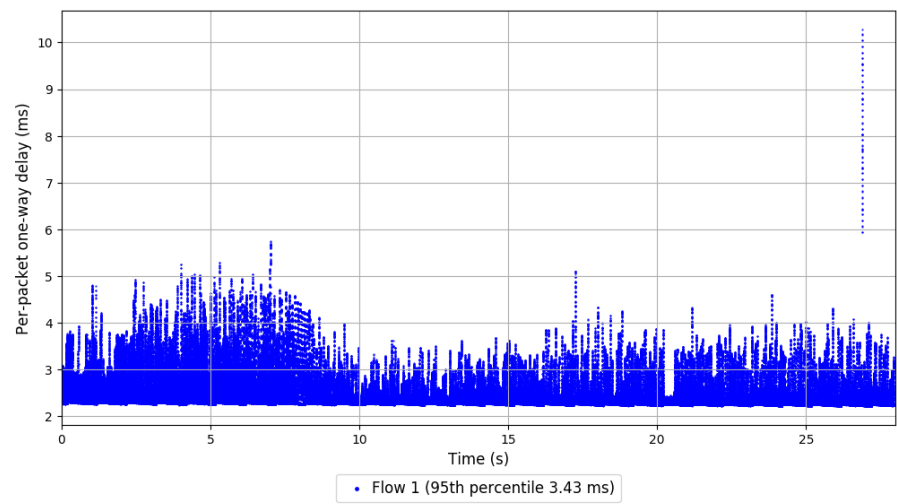
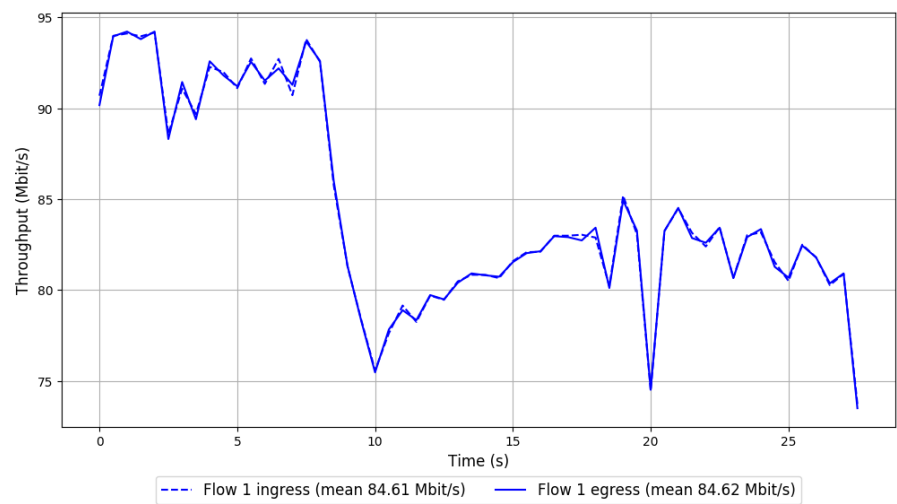


Run 9: Statistics of Copa

Start at: 2018-01-02 00:03:19
End at: 2018-01-02 00:03:49
Local clock offset: 0.352 ms
Remote clock offset: -0.077 ms

Below is generated by plot.py at 2018-01-02 03:34:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.62 Mbit/s
95th percentile per-packet one-way delay: 3.429 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.62 Mbit/s
95th percentile per-packet one-way delay: 3.429 ms
Loss rate: 0.01%

Run 9: Report of Copa — Data Link

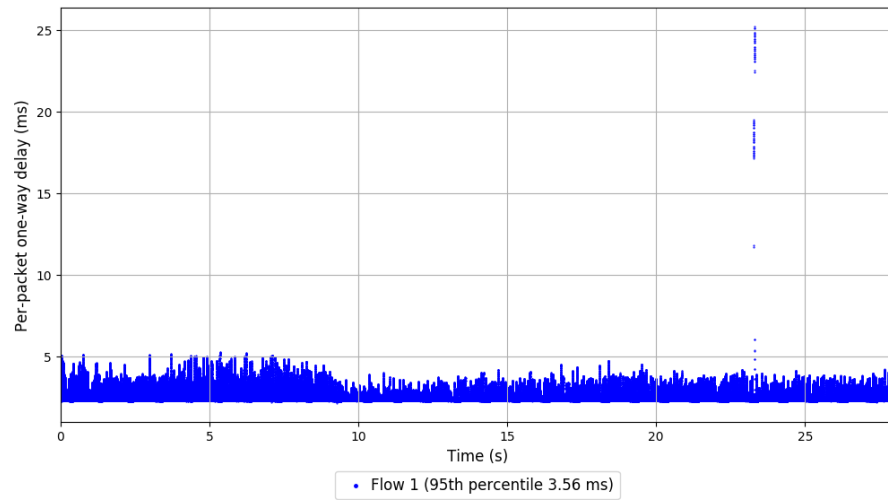
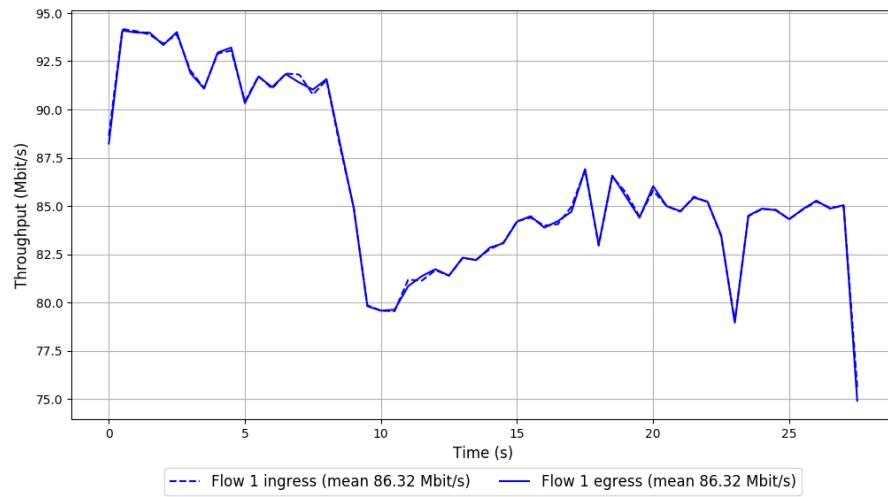


Run 10: Statistics of Copa

Start at: 2018-01-02 00:20:17
End at: 2018-01-02 00:20:47
Local clock offset: 1.162 ms
Remote clock offset: -0.131 ms

Below is generated by plot.py at 2018-01-02 03:34:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 3.555 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 3.555 ms
Loss rate: 0.02%

Run 10: Report of Copa — Data Link

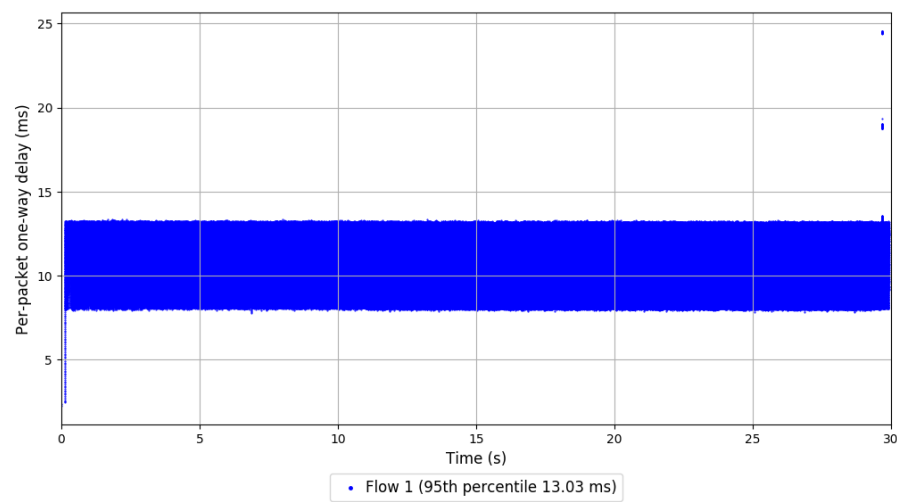
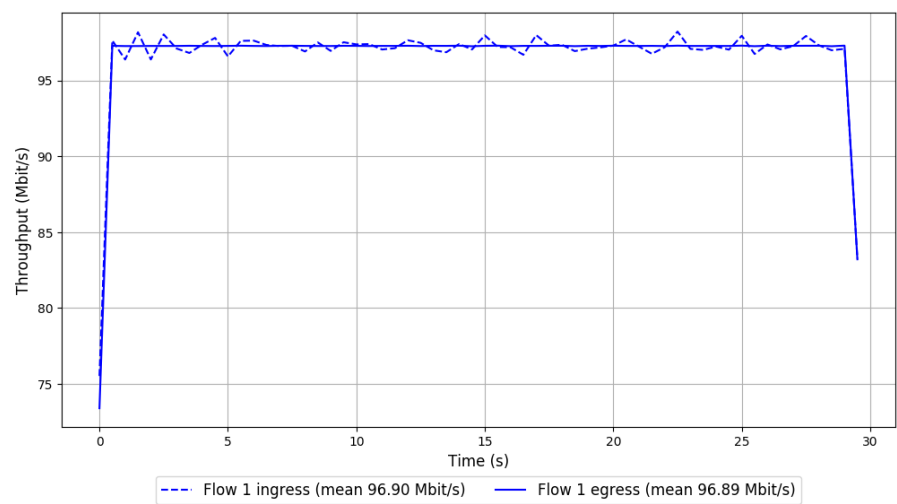


```
Run 1: Statistics of FillP

Start at: 2018-01-01 21:49:54
End at: 2018-01-01 21:50:24
Local clock offset: 6.013 ms
Remote clock offset: 0.021 ms

# Below is generated by plot.py at 2018-01-02 03:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 13.034 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 13.034 ms
Loss rate: 0.04%
```


Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-01-01 22:06:52

End at: 2018-01-01 22:07:22

Local clock offset: 7.042 ms

Remote clock offset: 0.182 ms

Below is generated by plot.py at 2018-01-02 03:34:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 12.745 ms

Loss rate: 0.05%

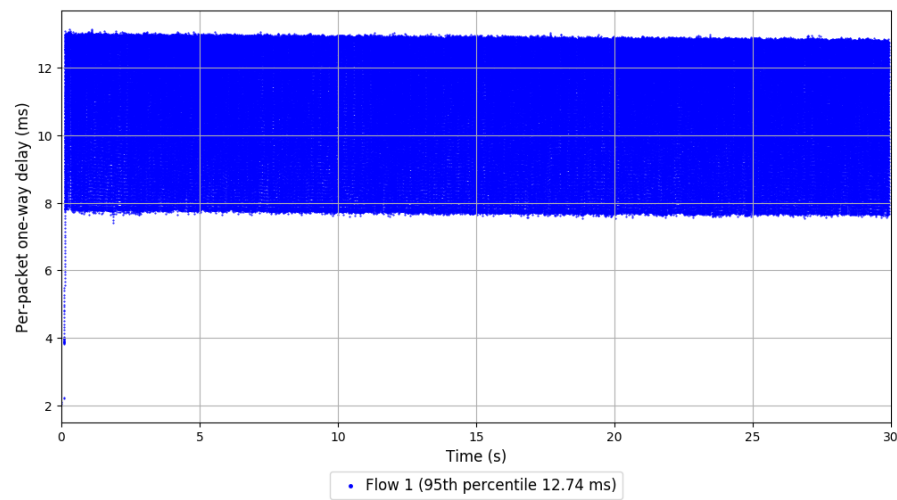
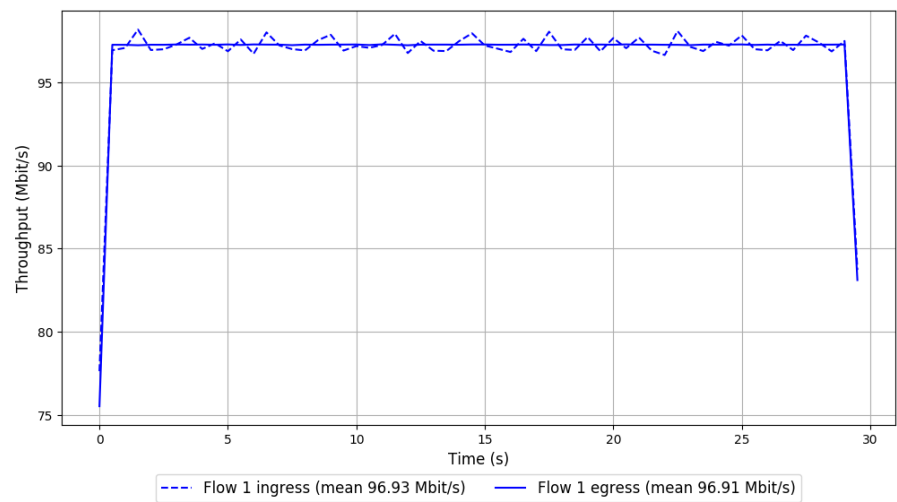
-- Flow 1:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 12.745 ms

Loss rate: 0.05%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-01-01 22:23:51

End at: 2018-01-01 22:24:21

Local clock offset: 6.385 ms

Remote clock offset: 0.186 ms

Below is generated by plot.py at 2018-01-02 03:34:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 13.108 ms

Loss rate: 0.04%

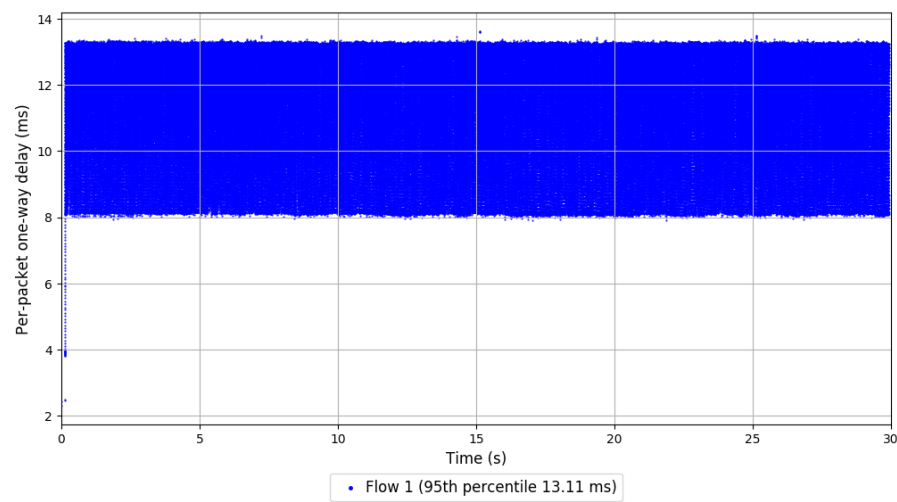
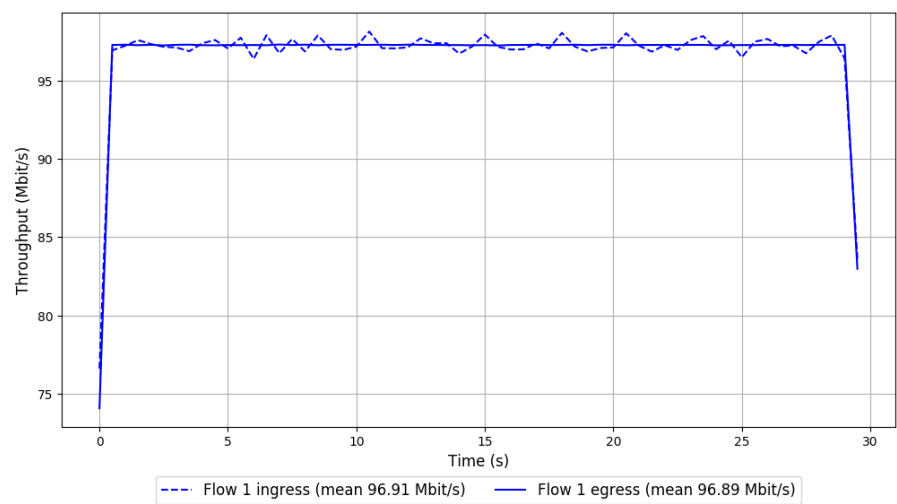
-- Flow 1:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 13.108 ms

Loss rate: 0.04%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-01-01 22:40:50

End at: 2018-01-01 22:41:20

Local clock offset: 8.511 ms

Remote clock offset: 0.379 ms

Below is generated by plot.py at 2018-01-02 03:35:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.92 Mbit/s

95th percentile per-packet one-way delay: 13.104 ms

Loss rate: 0.04%

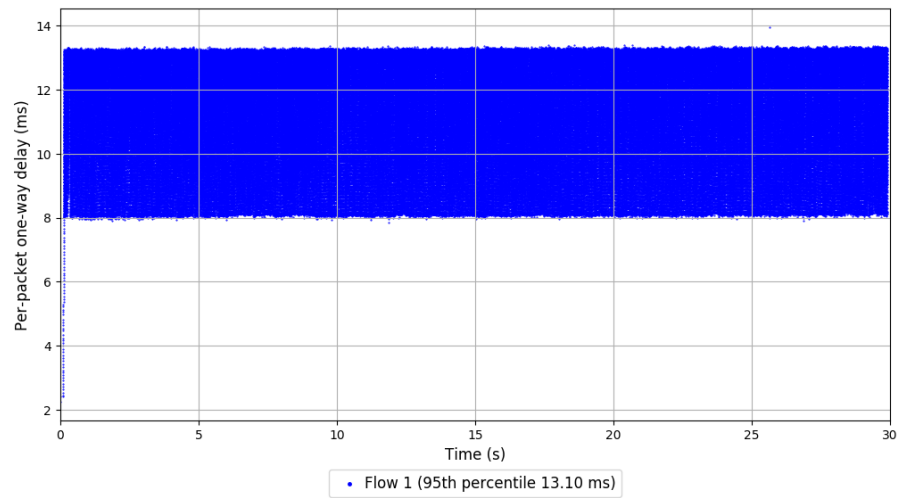
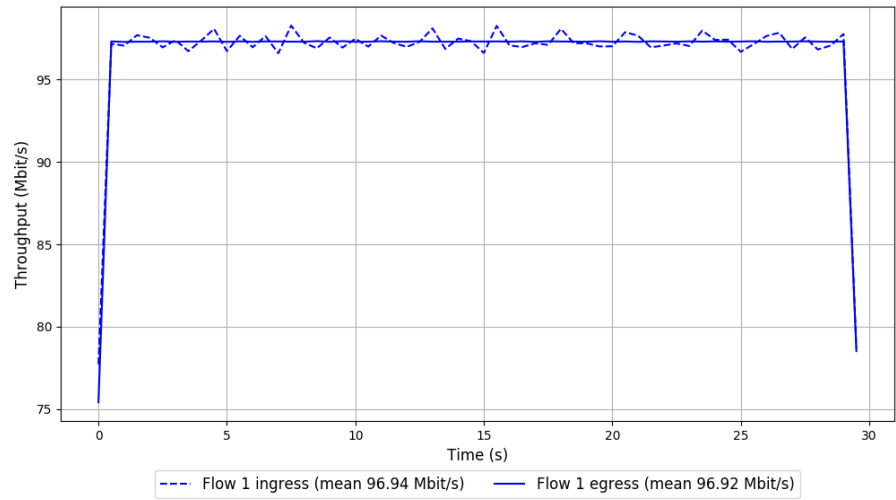
-- Flow 1:

Average throughput: 96.92 Mbit/s

95th percentile per-packet one-way delay: 13.104 ms

Loss rate: 0.04%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-01-01 22:57:48

End at: 2018-01-01 22:58:18

Local clock offset: 9.268 ms

Remote clock offset: 0.265 ms

Below is generated by plot.py at 2018-01-02 03:35:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 13.009 ms

Loss rate: 0.05%

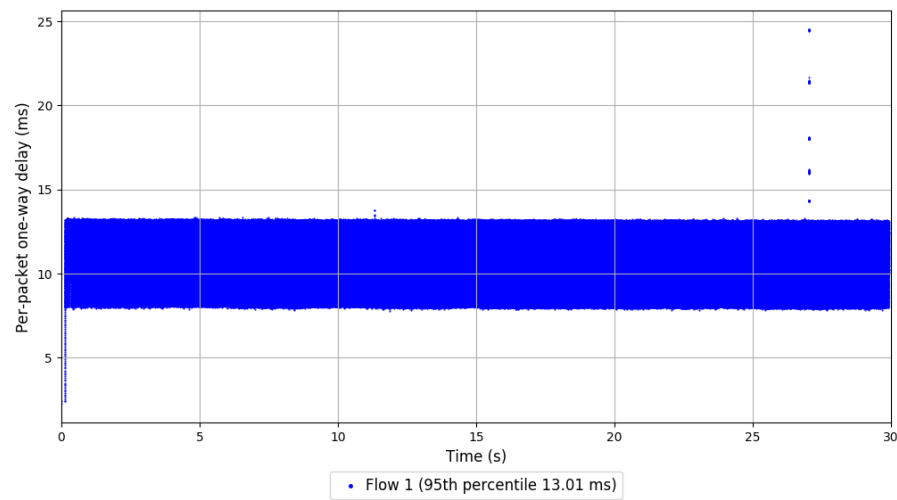
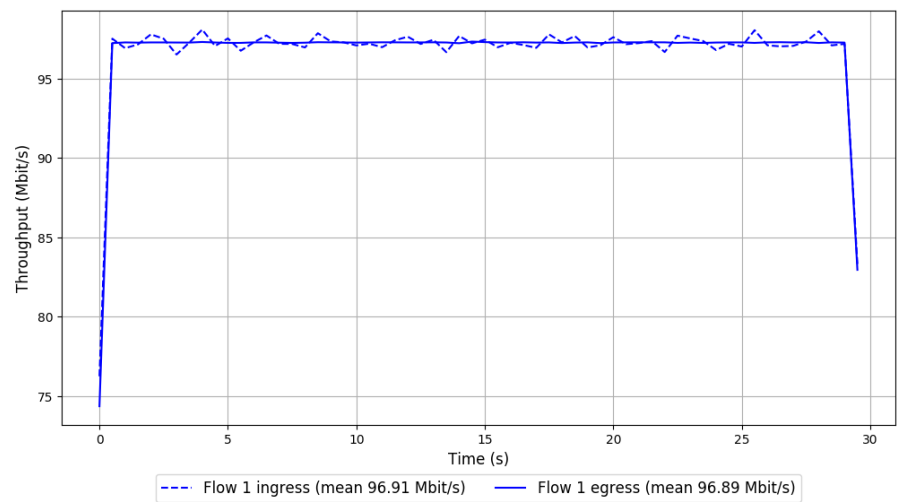
-- Flow 1:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 13.009 ms

Loss rate: 0.05%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-01-01 23:14:45

End at: 2018-01-01 23:15:15

Local clock offset: 12.963 ms

Remote clock offset: 0.248 ms

Below is generated by plot.py at 2018-01-02 03:35:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 12.774 ms

Loss rate: 0.05%

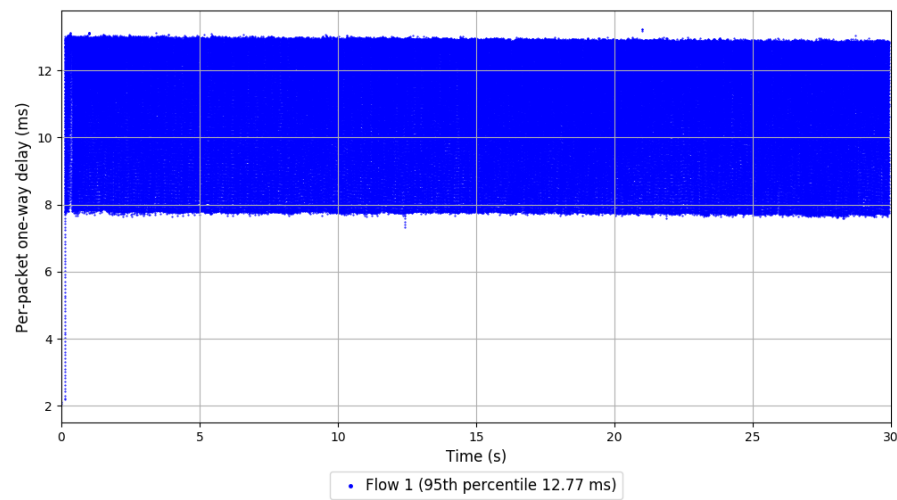
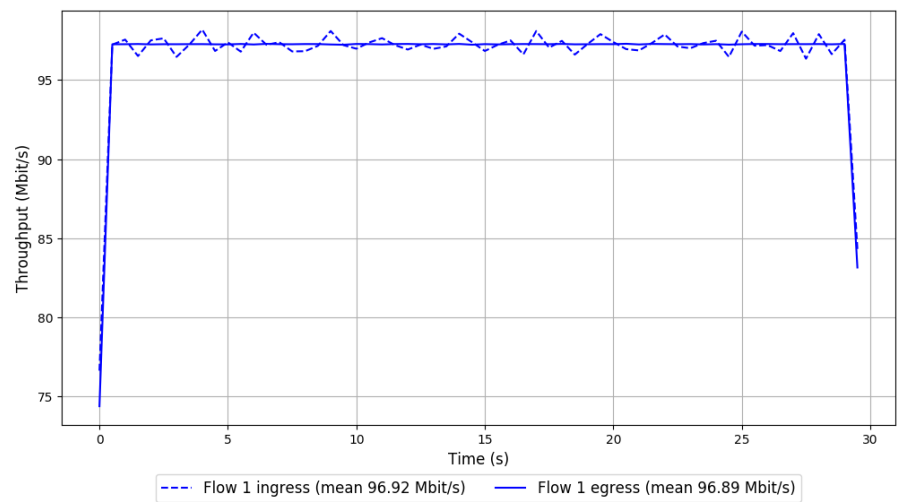
-- Flow 1:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 12.774 ms

Loss rate: 0.05%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-01-01 23:31:44

End at: 2018-01-01 23:32:14

Local clock offset: 4.609 ms

Remote clock offset: 0.127 ms

Below is generated by plot.py at 2018-01-02 03:36:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 13.589 ms

Loss rate: 0.05%

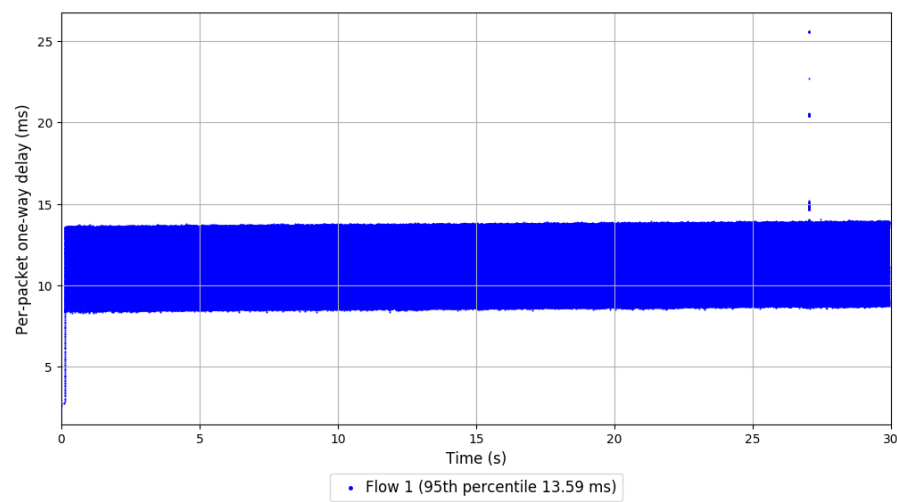
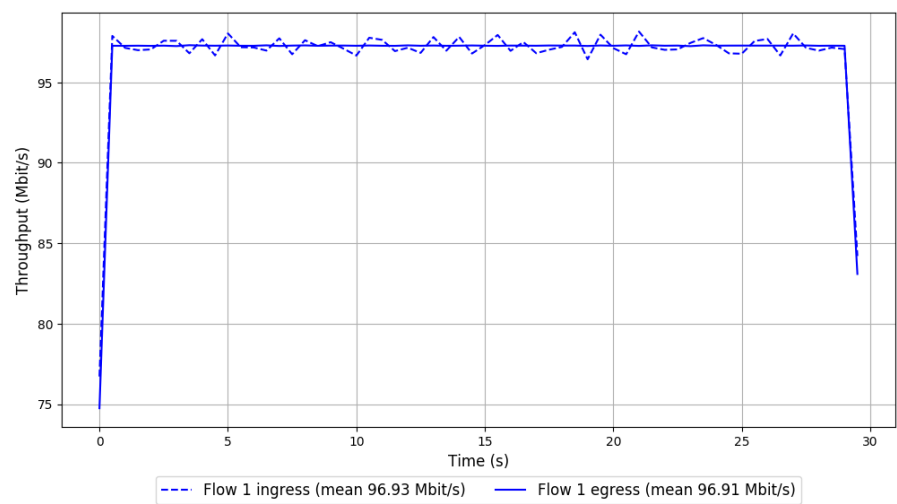
-- Flow 1:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 13.589 ms

Loss rate: 0.05%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

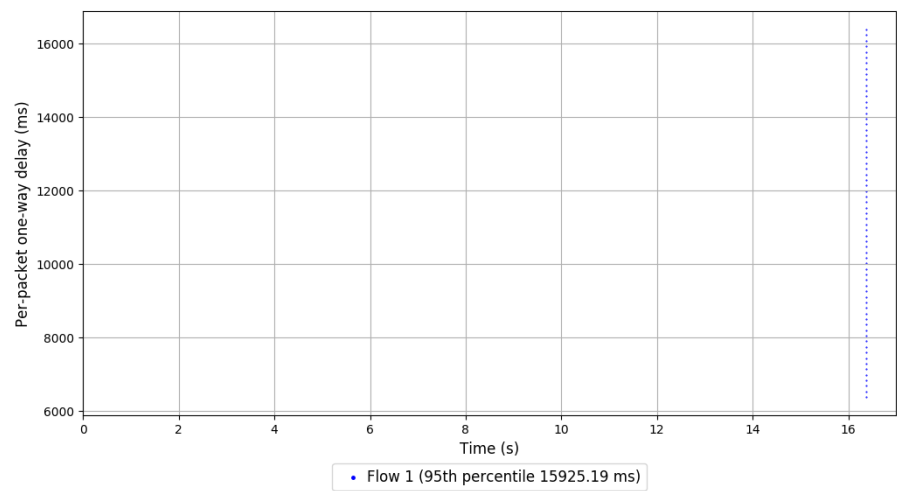
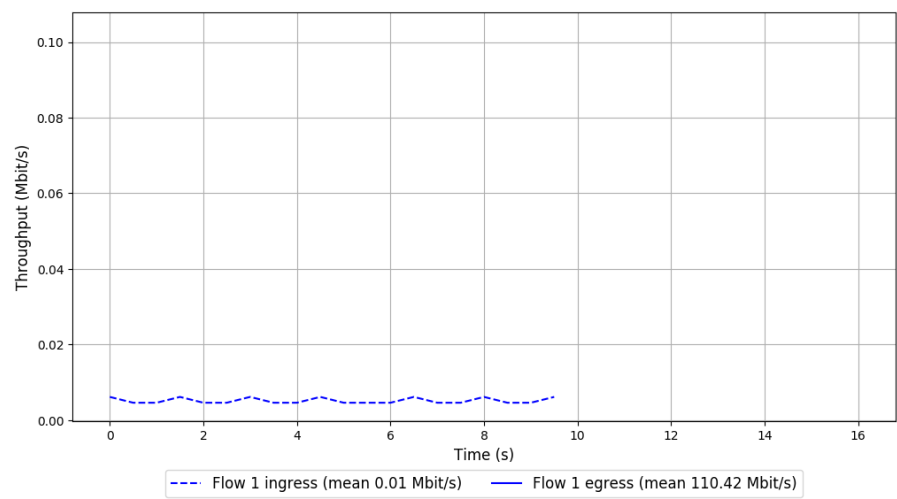
Start at: 2018-01-01 23:48:42

End at: 2018-01-01 23:49:12

Local clock offset: -0.161 ms

Remote clock offset: -0.036 ms

Run 8: Report of FillP — Data Link

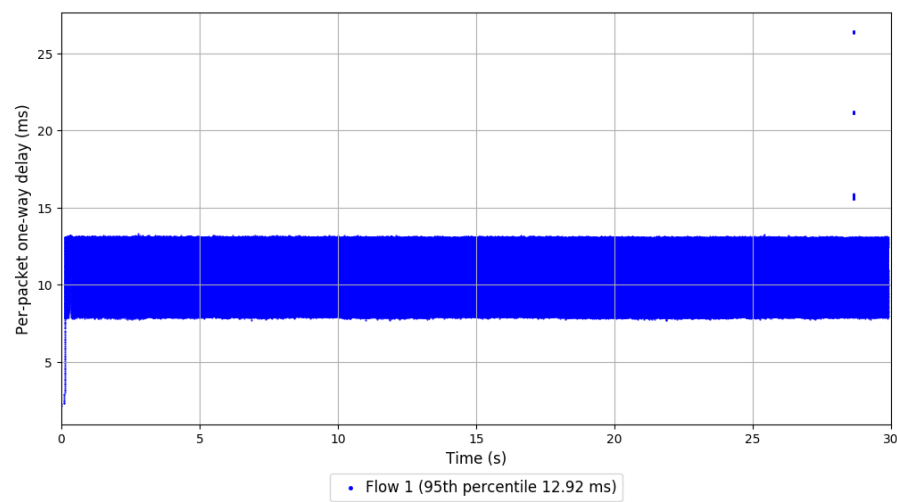
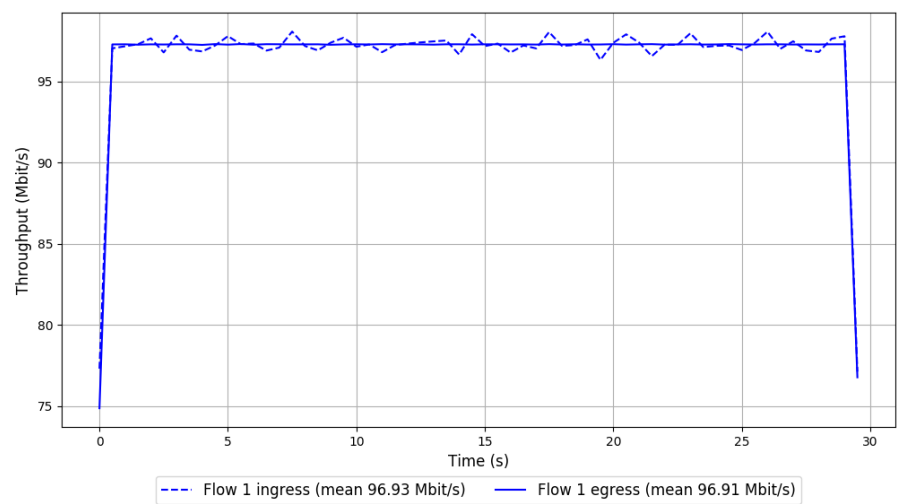


Run 9: Statistics of FillP

Start at: 2018-01-02 00:05:38
End at: 2018-01-02 00:06:08
Local clock offset: 0.49 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2018-01-02 03:36:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 12.916 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 12.916 ms
Loss rate: 0.05%

Run 9: Report of FillP — Data Link

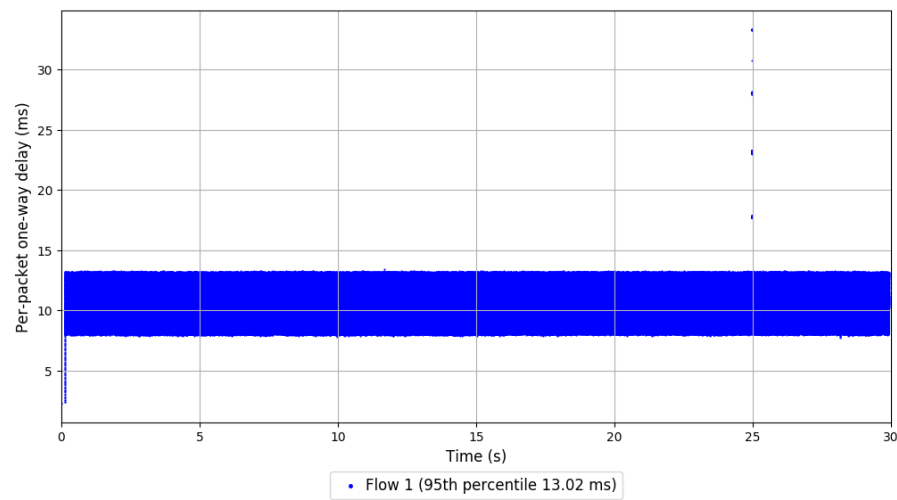
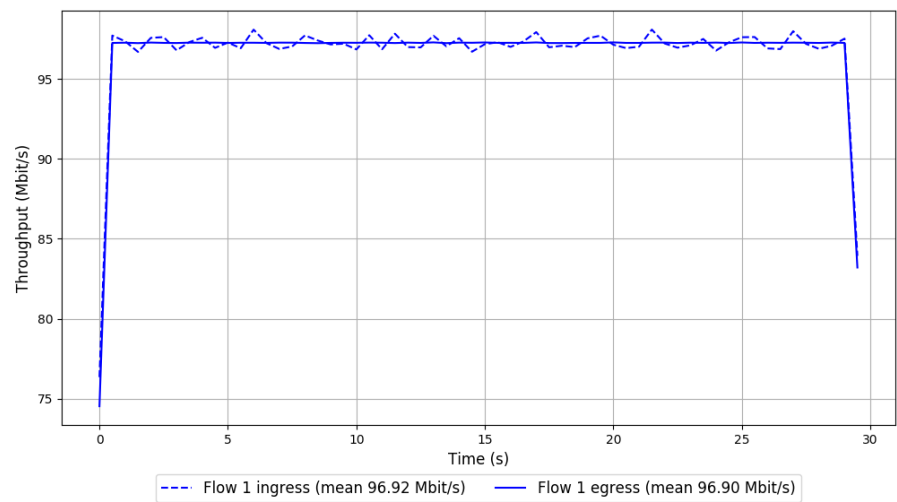


Run 10: Statistics of FillP

Start at: 2018-01-02 00:22:36
End at: 2018-01-02 00:23:06
Local clock offset: 1.178 ms
Remote clock offset: -0.144 ms

Below is generated by plot.py at 2018-01-02 03:36:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 13.022 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 13.022 ms
Loss rate: 0.05%

Run 10: Report of FillP — Data Link

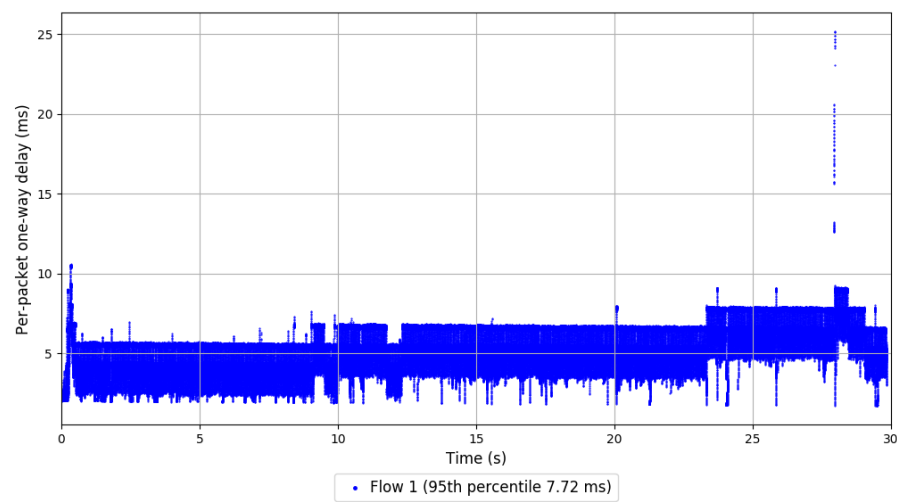
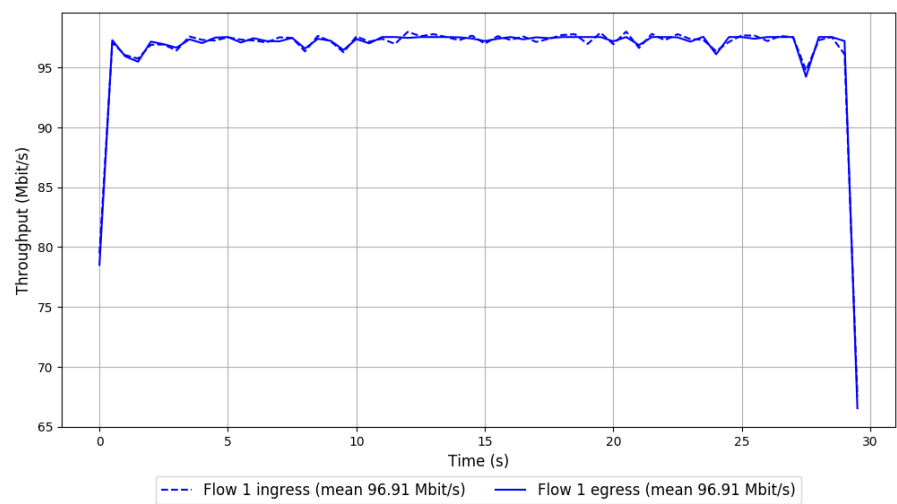


```
Run 1: Statistics of Indigo

Start at: 2018-01-01 21:38:41
End at: 2018-01-01 21:39:11
Local clock offset: 1.824 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2018-01-02 03:36:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 7.717 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 7.717 ms
Loss rate: 0.02%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-01-01 21:55:39

End at: 2018-01-01 21:56:09

Local clock offset: 4.88 ms

Remote clock offset: 0.022 ms

Below is generated by plot.py at 2018-01-02 03:36:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 8.062 ms

Loss rate: 0.03%

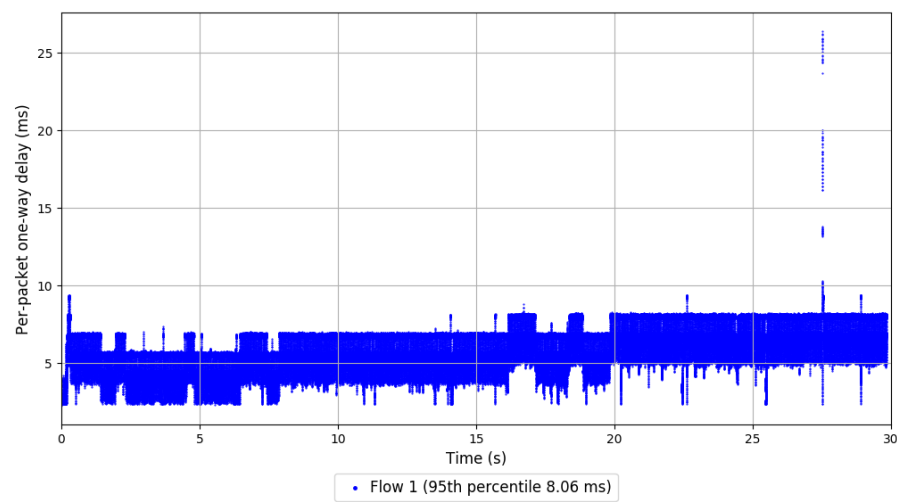
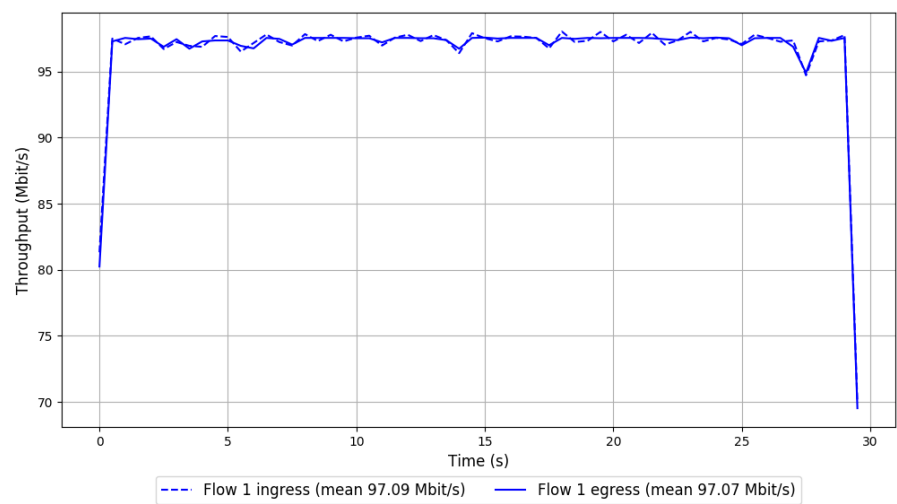
-- Flow 1:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 8.062 ms

Loss rate: 0.03%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-01-01 22:12:38

End at: 2018-01-01 22:13:08

Local clock offset: 9.214 ms

Remote clock offset: 0.123 ms

Below is generated by plot.py at 2018-01-02 03:36:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.00 Mbit/s

95th percentile per-packet one-way delay: 8.382 ms

Loss rate: 0.03%

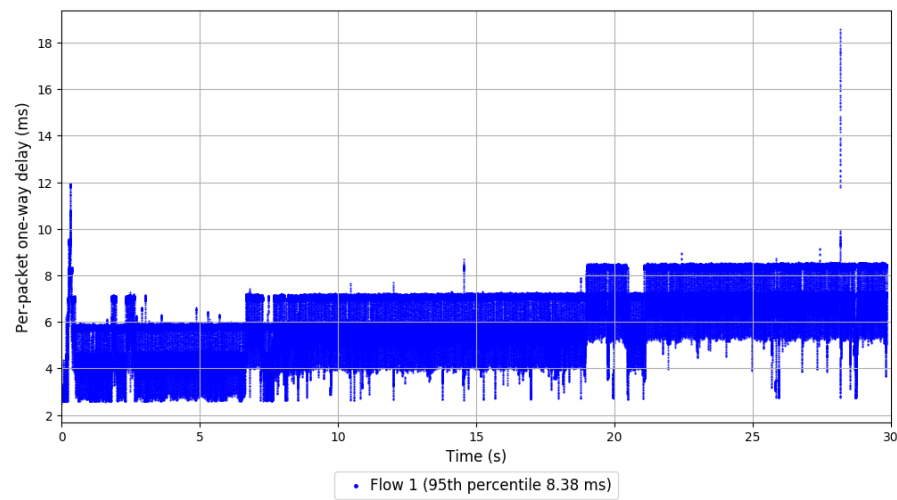
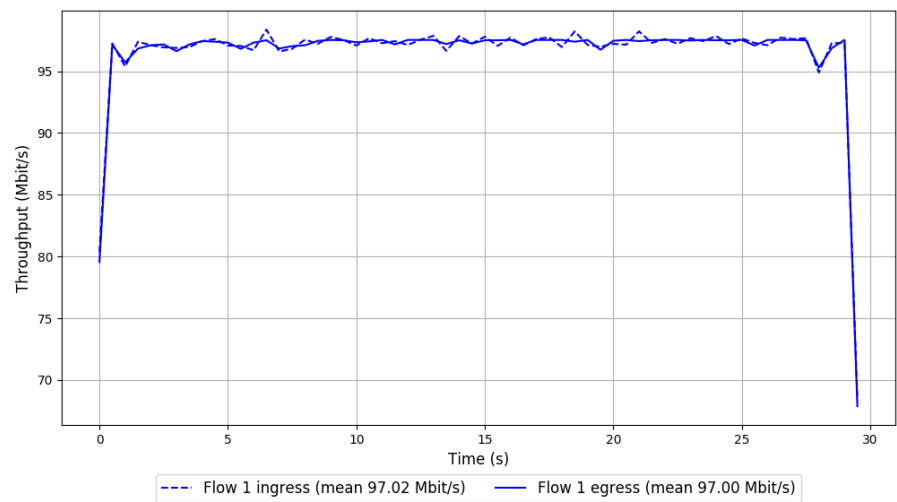
-- Flow 1:

Average throughput: 97.00 Mbit/s

95th percentile per-packet one-way delay: 8.382 ms

Loss rate: 0.03%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-01-01 22:29:37

End at: 2018-01-01 22:30:07

Local clock offset: 7.035 ms

Remote clock offset: 0.239 ms

Below is generated by plot.py at 2018-01-02 03:36:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 7.919 ms

Loss rate: 0.03%

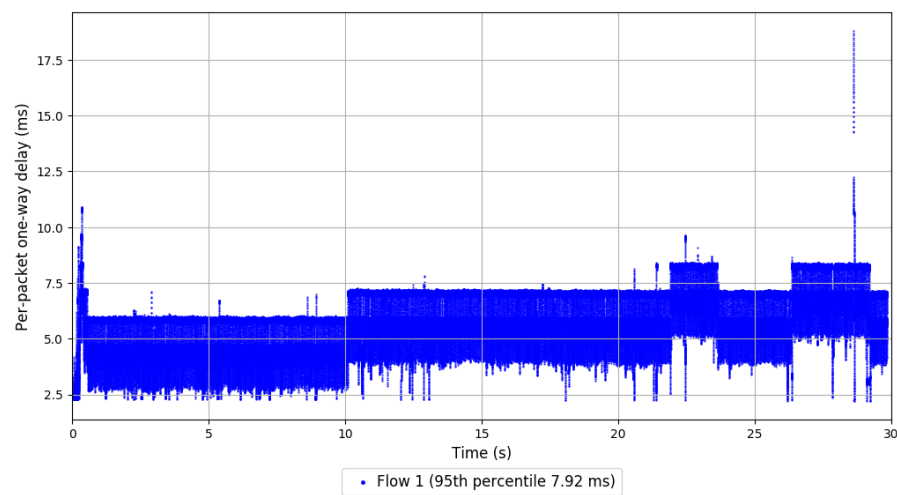
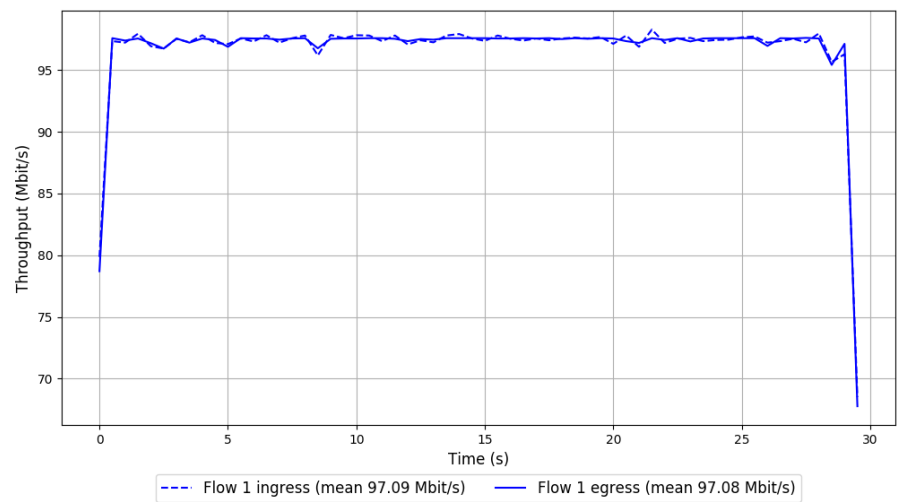
-- Flow 1:

Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 7.919 ms

Loss rate: 0.03%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2018-01-01 22:46:36

End at: 2018-01-01 22:47:06

Local clock offset: 8.134 ms

Remote clock offset: 0.302 ms

Below is generated by plot.py at 2018-01-02 03:36:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.95 Mbit/s

95th percentile per-packet one-way delay: 8.250 ms

Loss rate: 0.03%

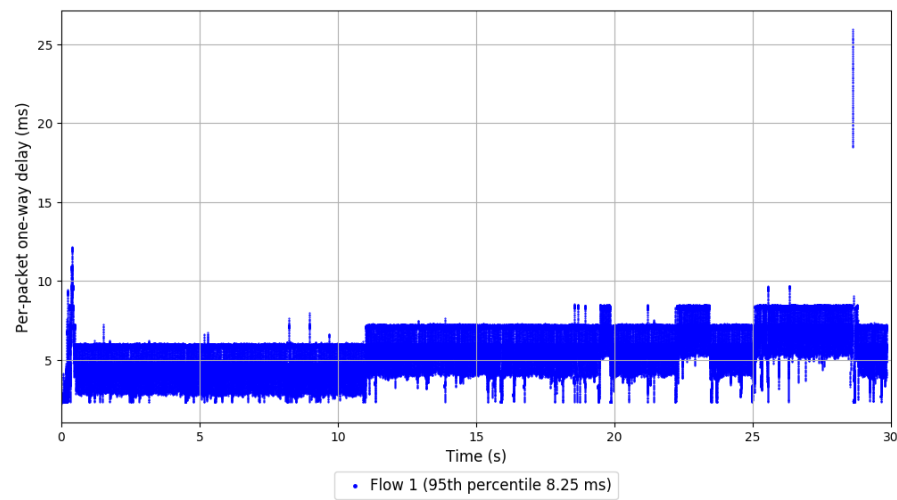
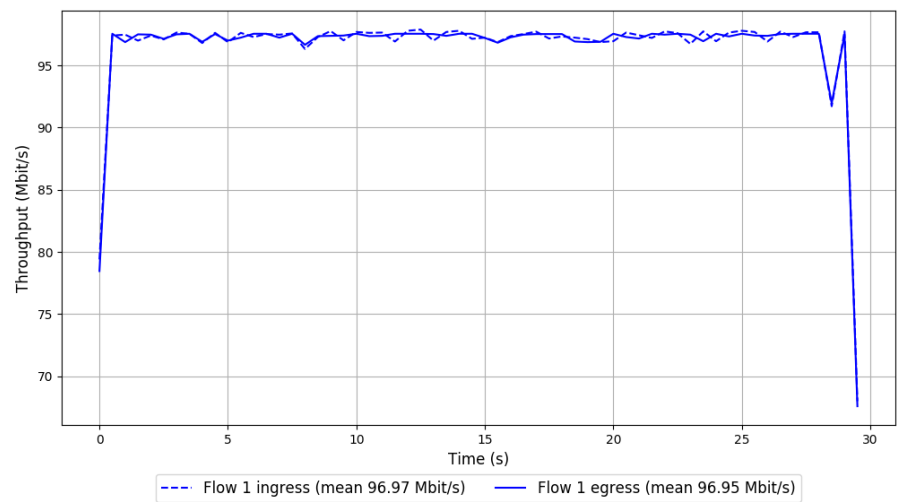
-- Flow 1:

Average throughput: 96.95 Mbit/s

95th percentile per-packet one-way delay: 8.250 ms

Loss rate: 0.03%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-01-01 23:03:32

End at: 2018-01-01 23:04:02

Local clock offset: 10.339 ms

Remote clock offset: 0.299 ms

Below is generated by plot.py at 2018-01-02 03:37:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 7.836 ms

Loss rate: 0.03%

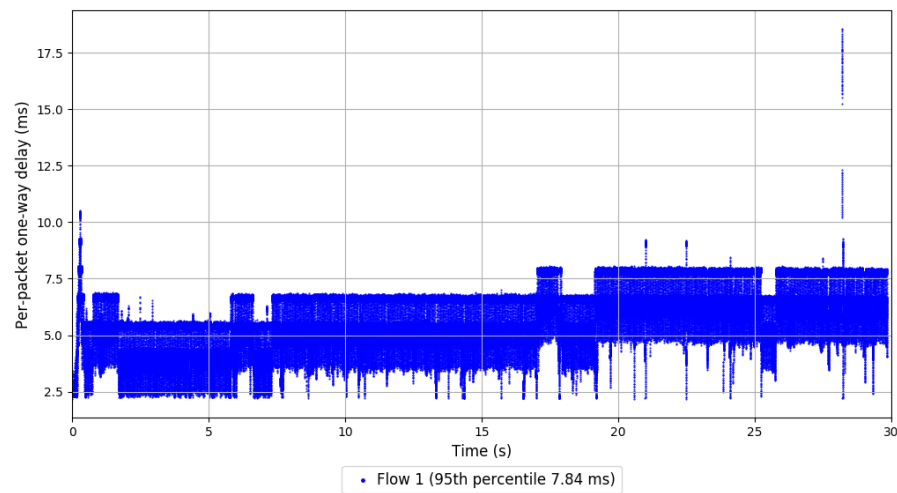
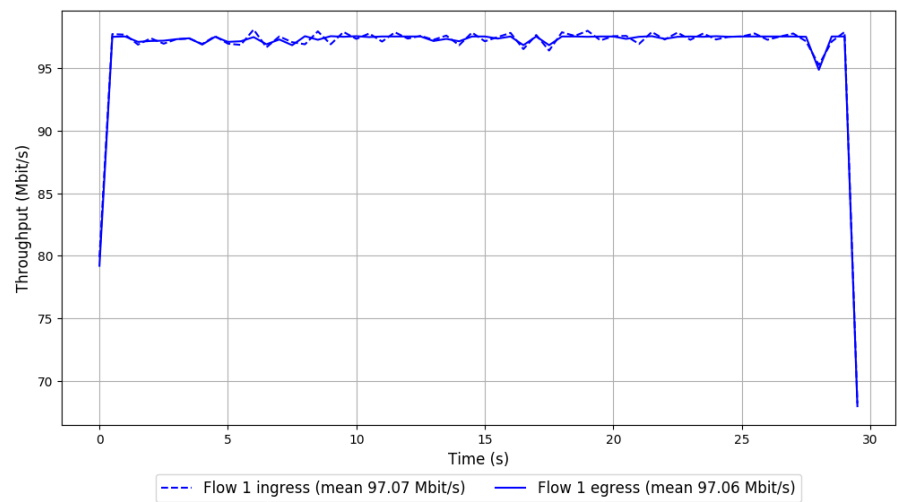
-- Flow 1:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 7.836 ms

Loss rate: 0.03%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-01-01 23:20:31

End at: 2018-01-01 23:21:01

Local clock offset: 12.266 ms

Remote clock offset: 0.232 ms

Below is generated by plot.py at 2018-01-02 03:37:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.98 Mbit/s

95th percentile per-packet one-way delay: 8.121 ms

Loss rate: 0.03%

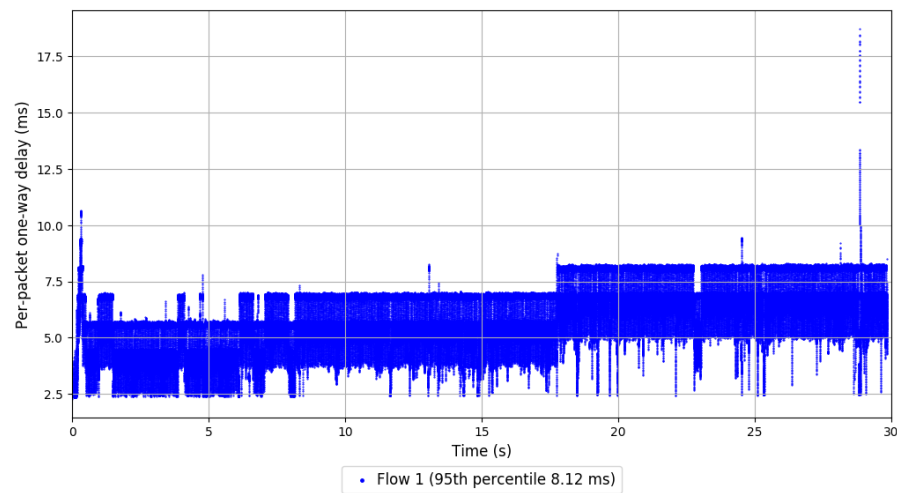
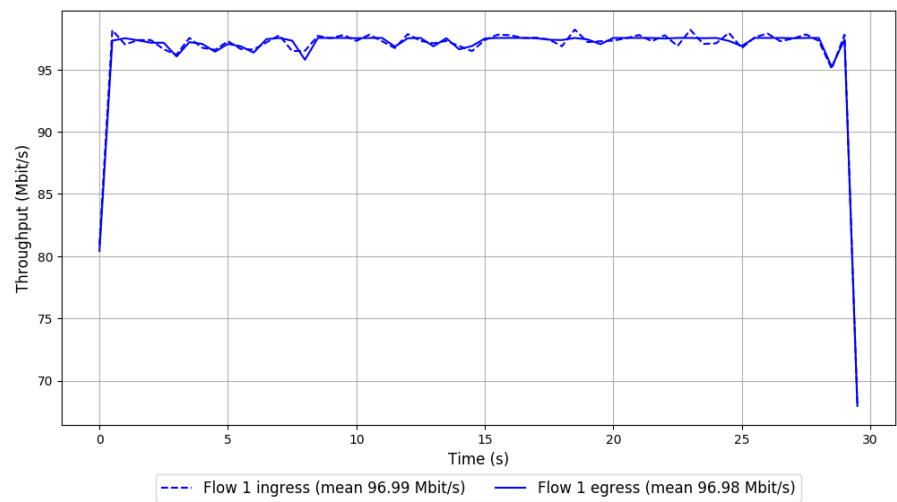
-- Flow 1:

Average throughput: 96.98 Mbit/s

95th percentile per-packet one-way delay: 8.121 ms

Loss rate: 0.03%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-01-01 23:37:30

End at: 2018-01-01 23:38:00

Local clock offset: 1.705 ms

Remote clock offset: 0.164 ms

Below is generated by plot.py at 2018-01-02 03:37:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.99 Mbit/s

95th percentile per-packet one-way delay: 8.206 ms

Loss rate: 0.02%

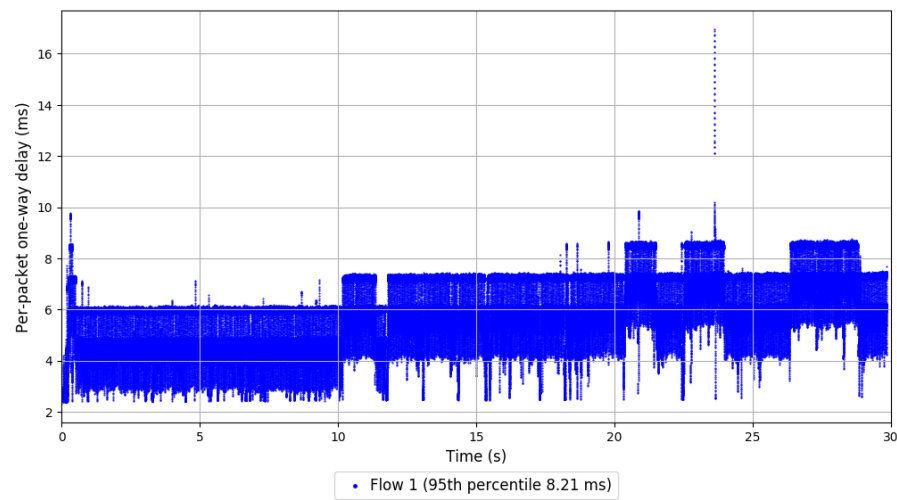
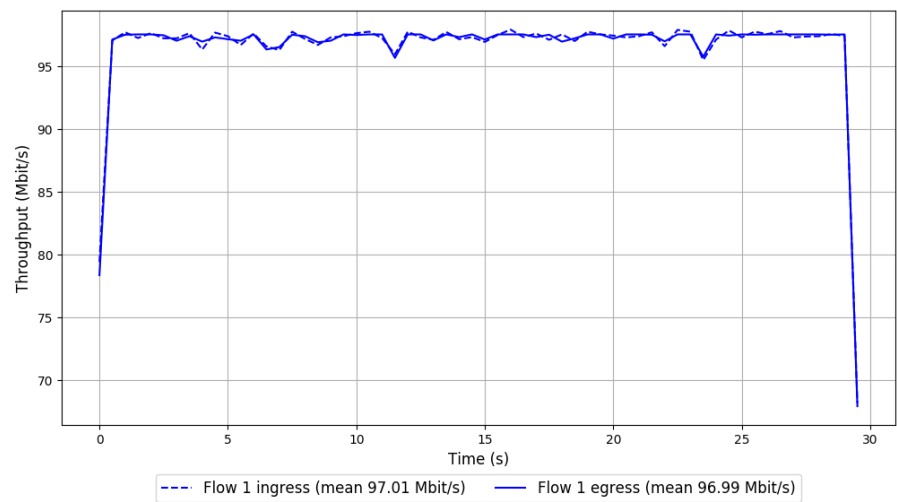
-- Flow 1:

Average throughput: 96.99 Mbit/s

95th percentile per-packet one-way delay: 8.206 ms

Loss rate: 0.02%

Run 8: Report of Indigo — Data Link

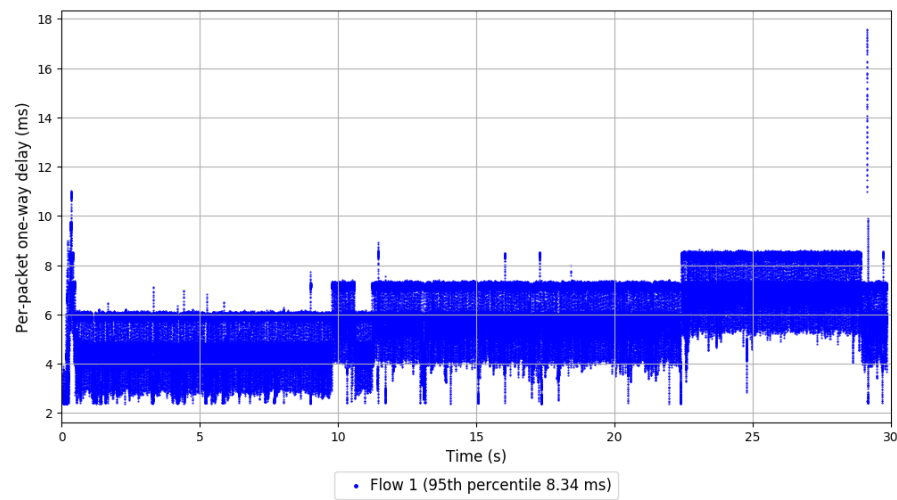
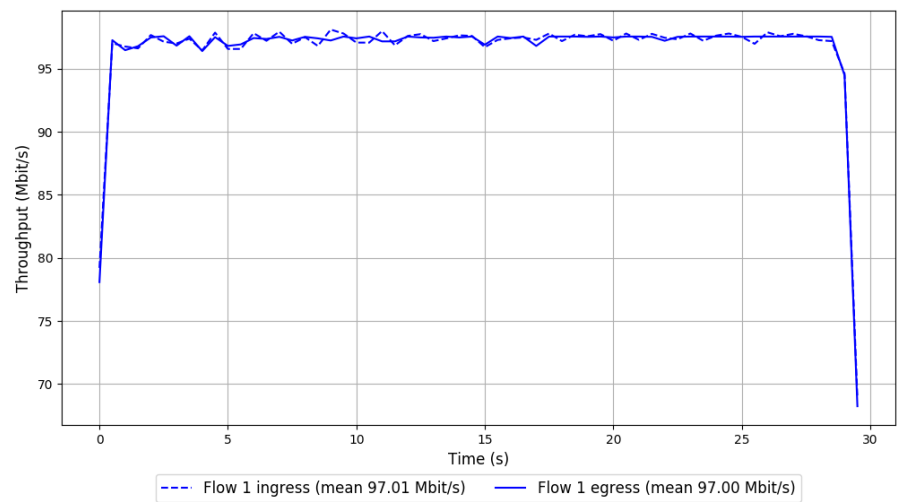


Run 9: Statistics of Indigo

Start at: 2018-01-01 23:54:25
End at: 2018-01-01 23:54:55
Local clock offset: -0.293 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2018-01-02 03:37:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 8.338 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 8.338 ms
Loss rate: 0.03%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-01-02 00:11:23

End at: 2018-01-02 00:11:53

Local clock offset: 0.926 ms

Remote clock offset: -0.161 ms

Below is generated by plot.py at 2018-01-02 03:37:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 8.169 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 8.169 ms

Loss rate: 0.04%

Run 10: Report of Indigo — Data Link

