

Pantheon Report

Generated at 2017-12-20 01:41:34 (UTC).

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

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).

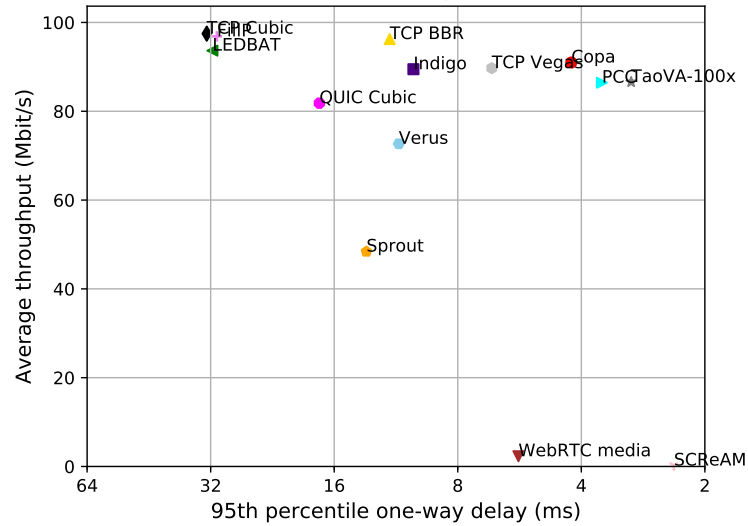
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

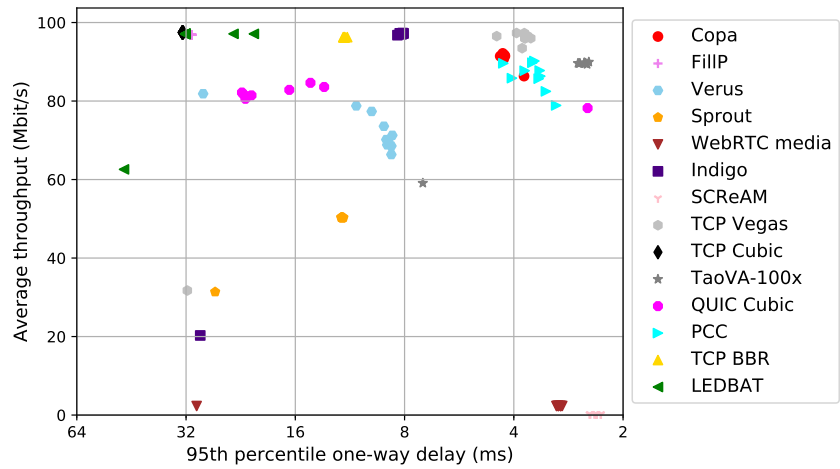
Git summary:

```
branch: master @ 904a5750834816b1e46a2c86405d707788d27c16
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fixlisp @ 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-quick @ 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 AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	9	96.26	11.72	0.00
TCP Cubic	10	97.47	32.72	0.01
LEDBAT	10	93.66	31.69	0.03
PCC	10	86.43	3.56	0.00
QUIC Cubic	9	81.82	17.39	0.03
SCReAM	9	0.22	2.38	0.00
WebRTC media	10	2.31	5.69	0.00
Sprout	10	48.40	13.36	0.00
TaoVA-100x	10	86.60	3.02	0.00
TCP Vegas	10	89.71	6.61	0.00
Verus	10	72.67	11.14	0.96
Copa	10	90.98	4.23	0.00
FillP	10	96.87	30.90	11.58
Indigo	10	89.47	10.26	0.00

Run 1: Statistics of TCP BBR

Start at: 2017-12-19 22:06:47

End at: 2017-12-19 22:07:17

Local clock offset: 0.239 ms

Remote clock offset: 0.454 ms

Below is generated by plot.py at 2017-12-20 01:21:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 11.749 ms

Loss rate: 0.00%

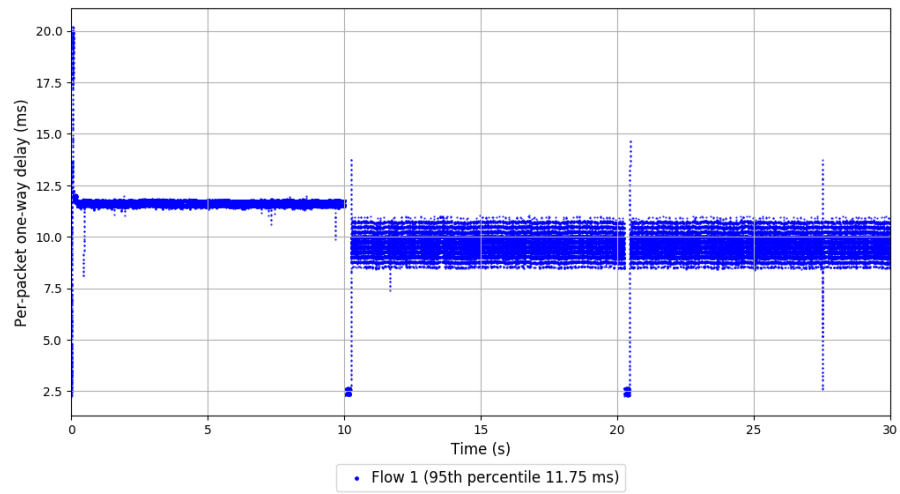
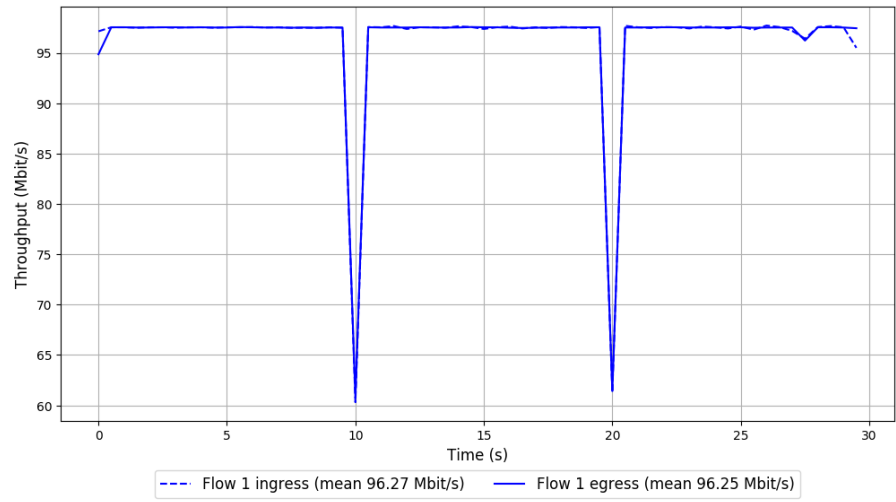
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 11.749 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-12-19 22:23:43

End at: 2017-12-19 22:24:13

Local clock offset: 0.231 ms

Remote clock offset: 0.548 ms

Below is generated by plot.py at 2017-12-20 01:21:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 11.740 ms

Loss rate: 0.00%

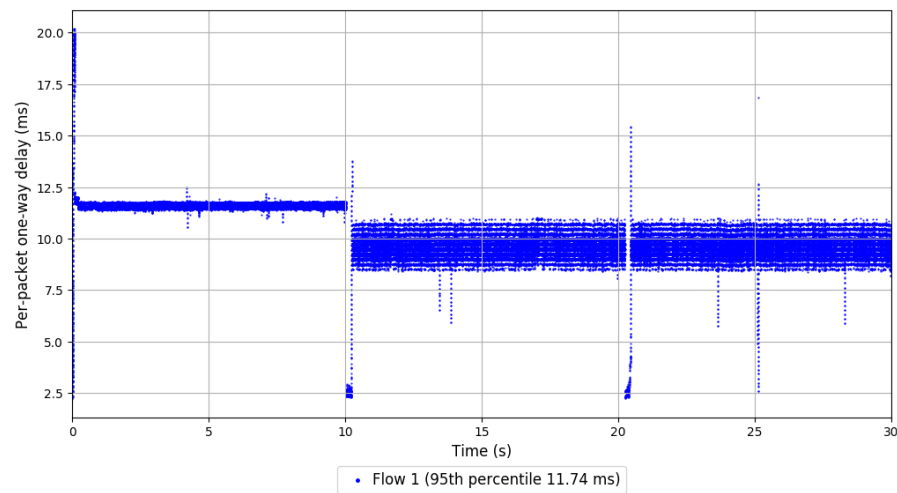
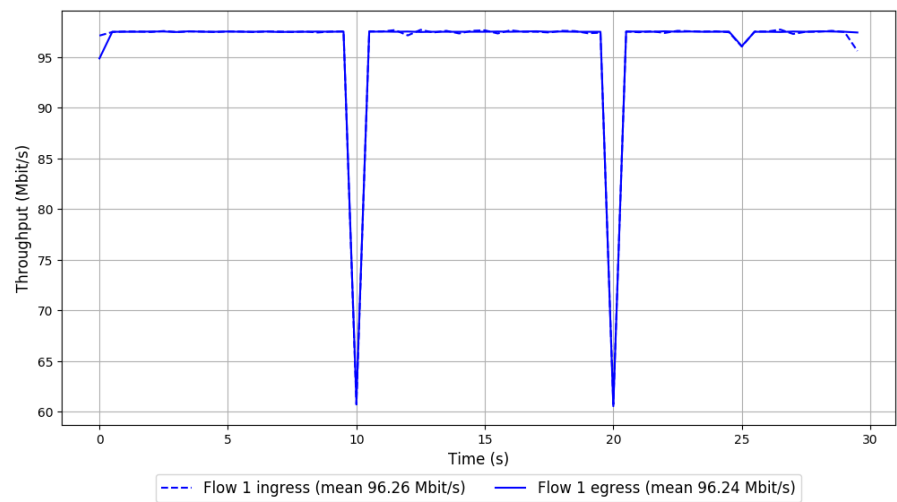
-- Flow 1:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 11.740 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-12-19 22:40:42

End at: 2017-12-19 22:41:12

Local clock offset: 0.154 ms

Remote clock offset: 0.647 ms

Below is generated by plot.py at 2017-12-20 01:21:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 11.800 ms

Loss rate: 0.00%

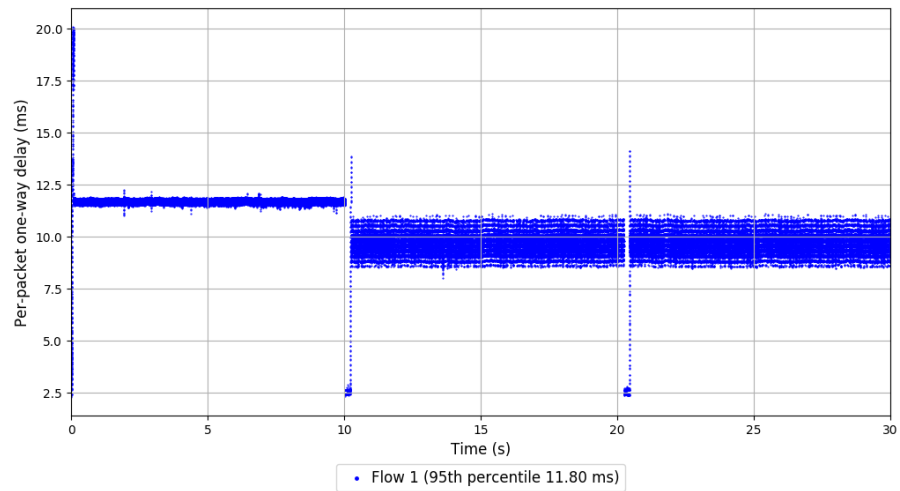
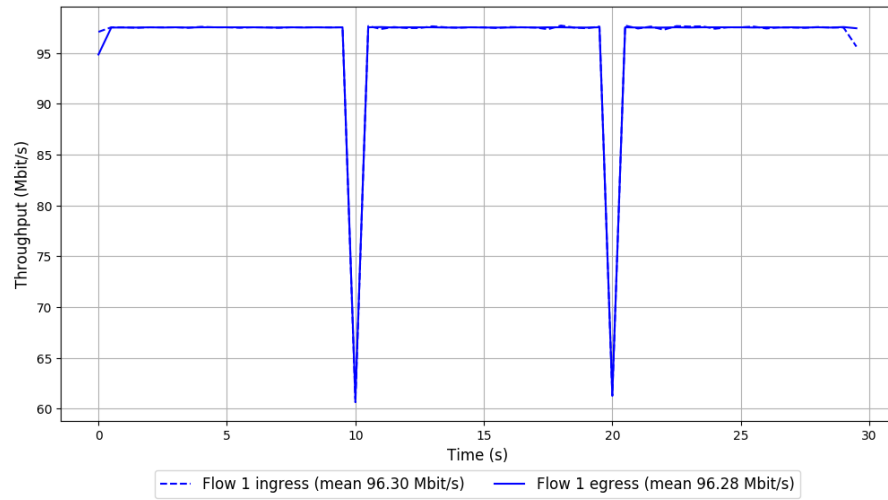
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 11.800 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-12-19 22:57:39

End at: 2017-12-19 22:58:09

Local clock offset: 0.21 ms

Remote clock offset: 0.798 ms

Below is generated by plot.py at 2017-12-20 01:21:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 11.777 ms

Loss rate: 0.00%

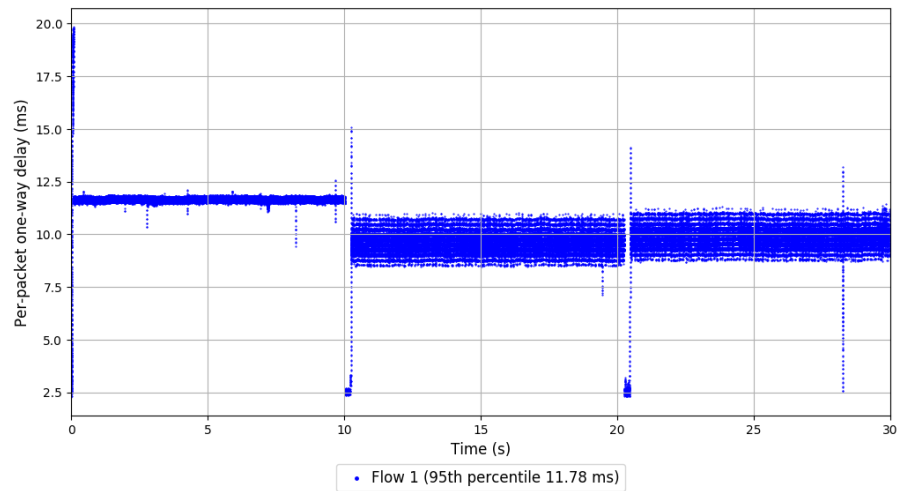
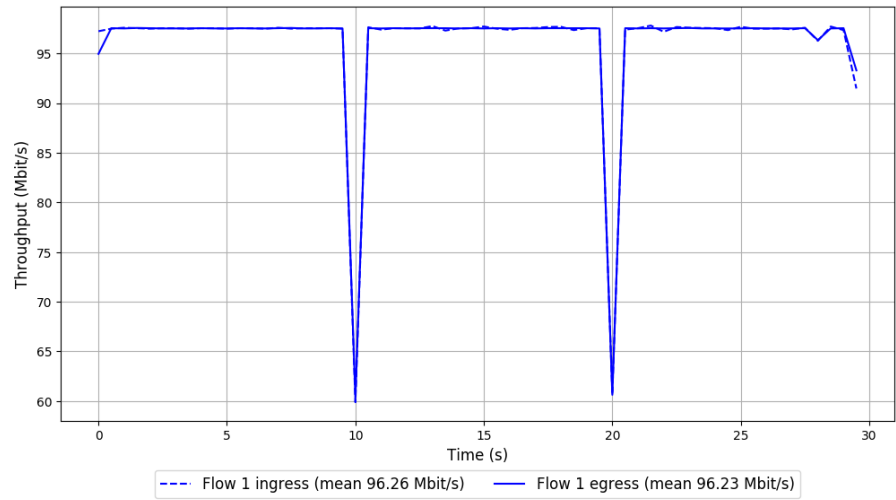
-- Flow 1:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 11.777 ms

Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-12-19 23:14:36

End at: 2017-12-19 23:15:06

Local clock offset: 0.155 ms

Remote clock offset: 0.831 ms

Below is generated by plot.py at 2017-12-20 01:21:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.510 ms

Loss rate: 0.00%

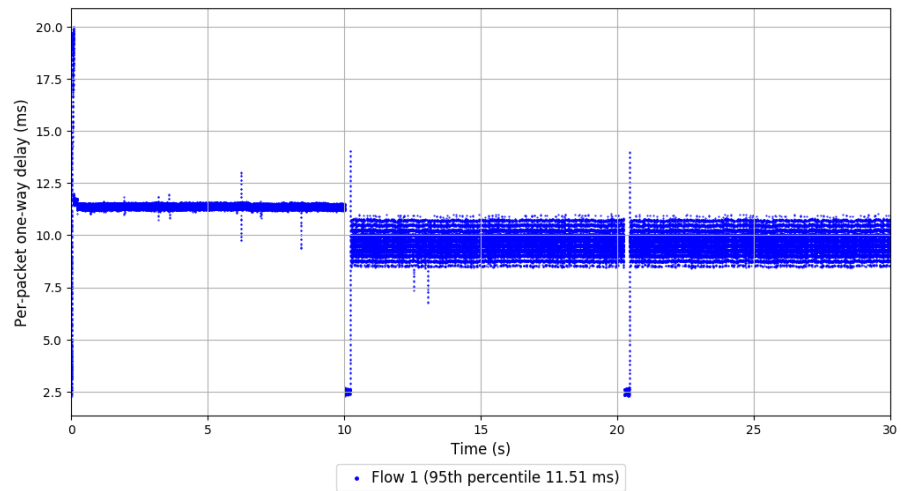
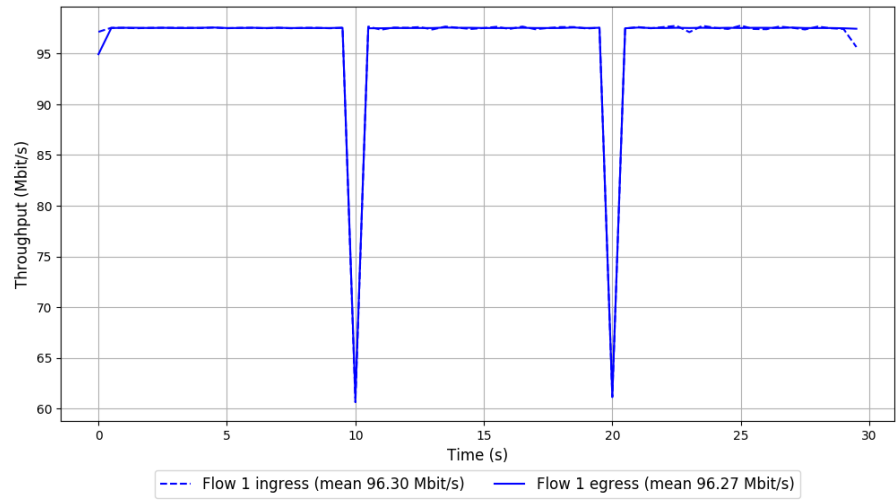
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.510 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

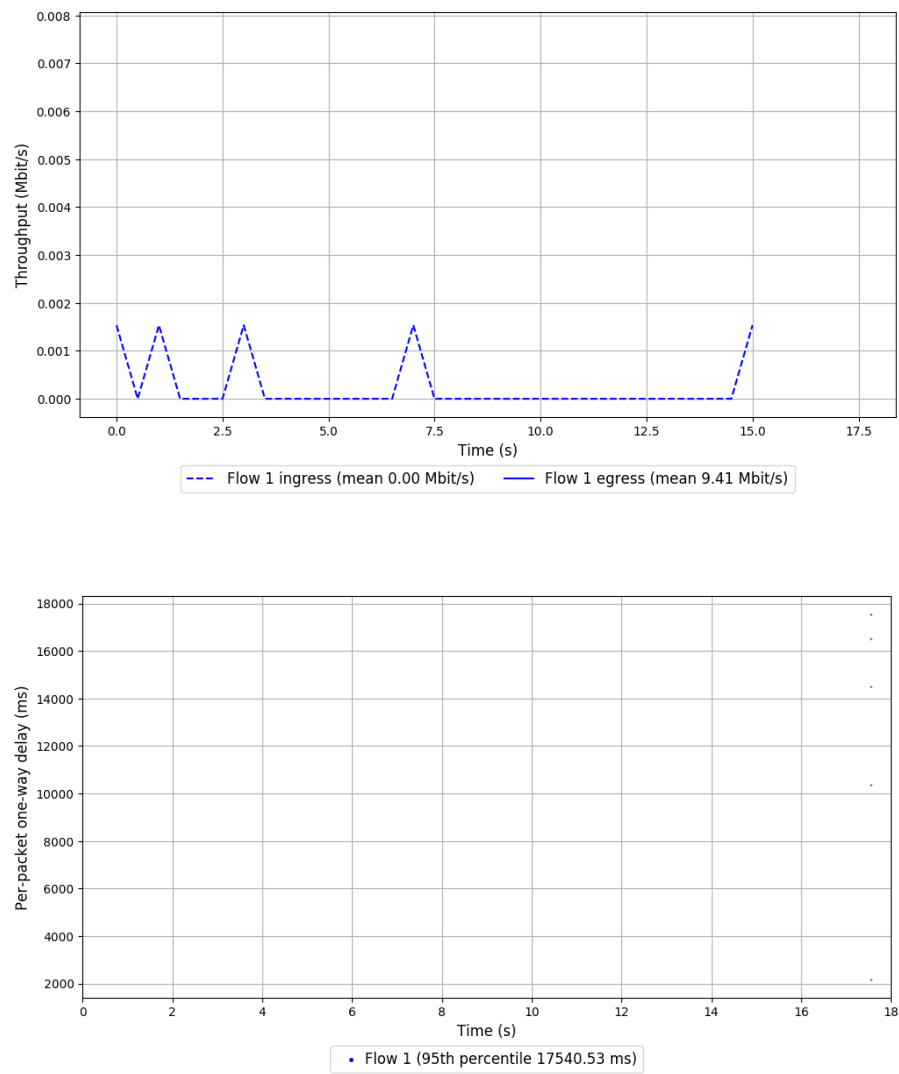
Start at: 2017-12-19 23:31:29

End at: 2017-12-19 23:31:59

Local clock offset: 0.172 ms

Remote clock offset: 0.816 ms

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2017-12-19 23:48:26

End at: 2017-12-19 23:48:56

Local clock offset: 0.186 ms

Remote clock offset: 0.816 ms

Below is generated by plot.py at 2017-12-20 01:21:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.710 ms

Loss rate: 0.00%

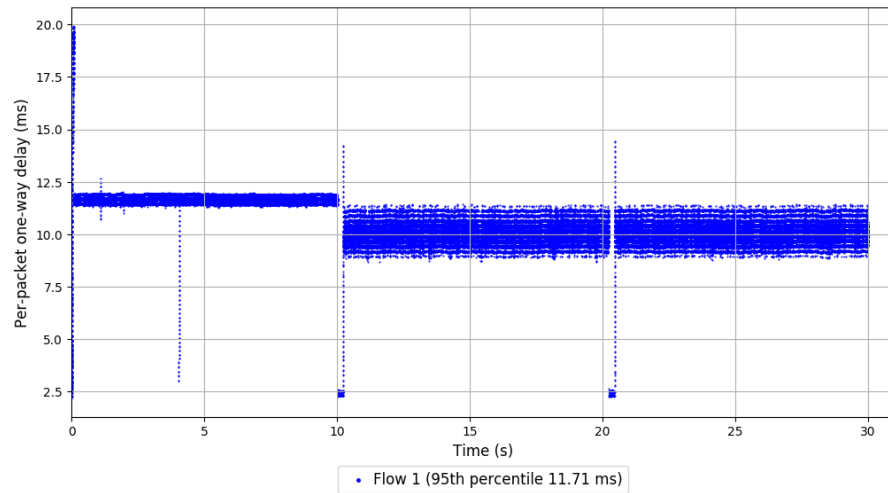
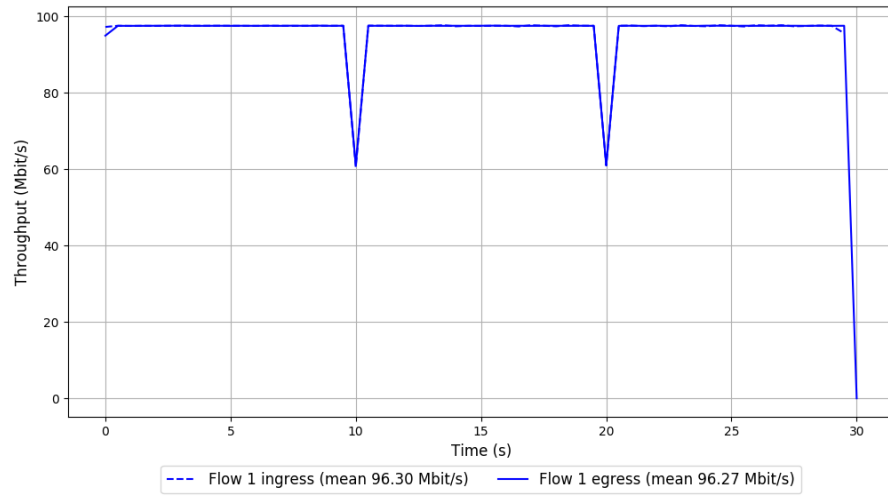
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.710 ms

Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-12-20 00:05:26

End at: 2017-12-20 00:05:56

Local clock offset: 0.161 ms

Remote clock offset: 0.862 ms

Below is generated by plot.py at 2017-12-20 01:21:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.736 ms

Loss rate: 0.00%

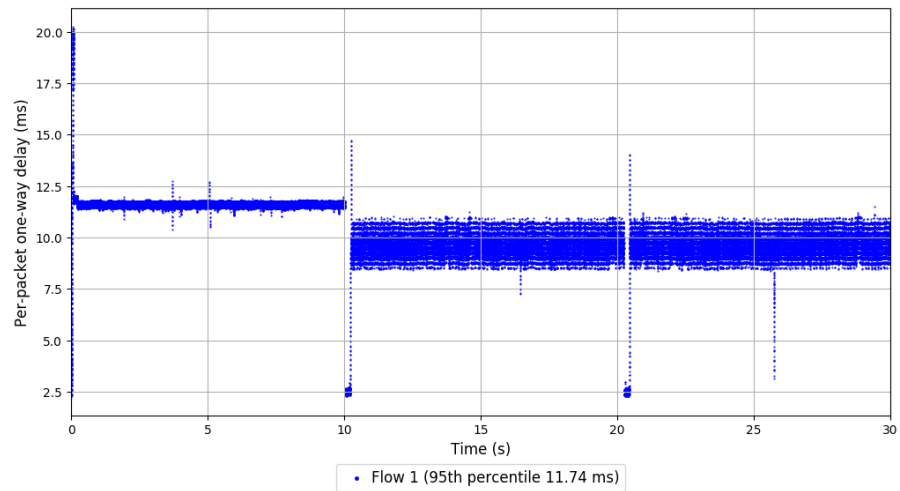
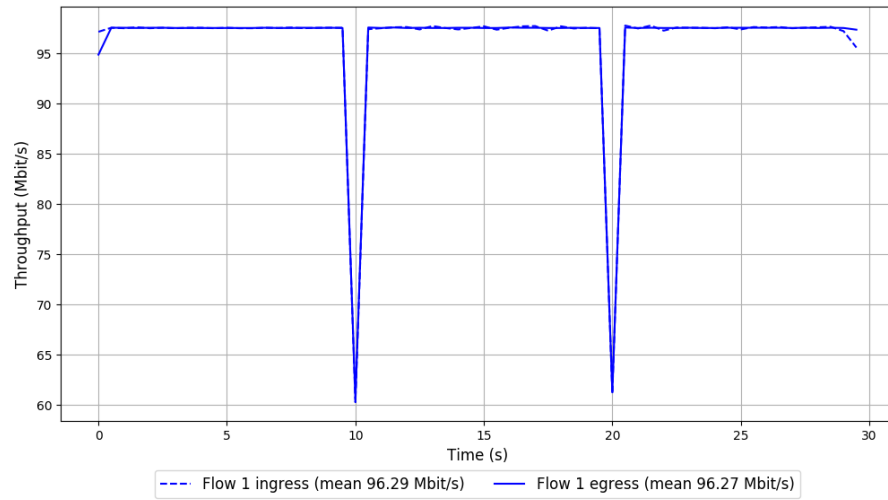
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.736 ms

Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-12-20 00:22:26

End at: 2017-12-20 00:22:56

Local clock offset: 0.183 ms

Remote clock offset: 0.763 ms

Below is generated by plot.py at 2017-12-20 01:21:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 11.757 ms

Loss rate: 0.00%

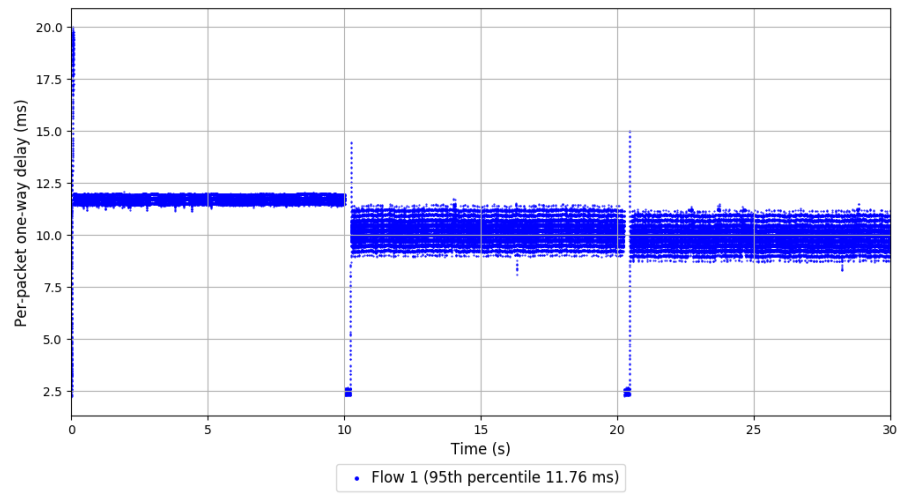
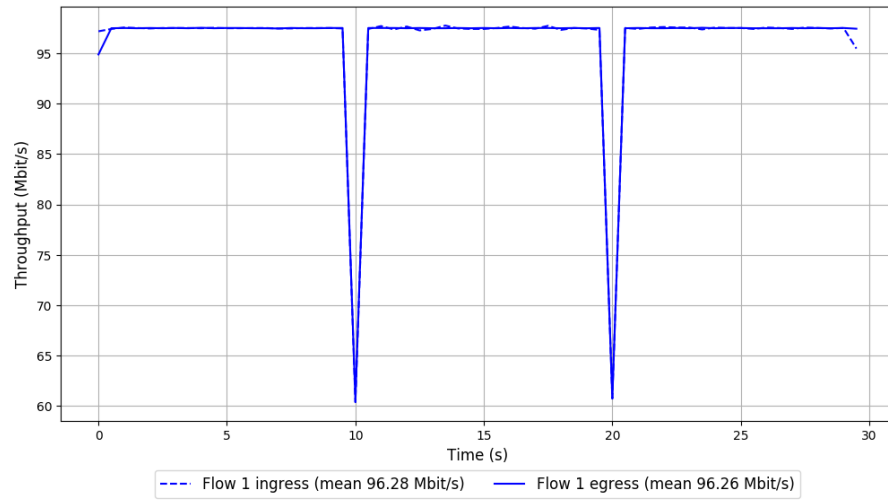
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 11.757 ms

Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-12-20 00:39:25

End at: 2017-12-20 00:39:55

Local clock offset: 0.143 ms

Remote clock offset: 0.499 ms

Below is generated by plot.py at 2017-12-20 01:22:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.685 ms

Loss rate: 0.00%

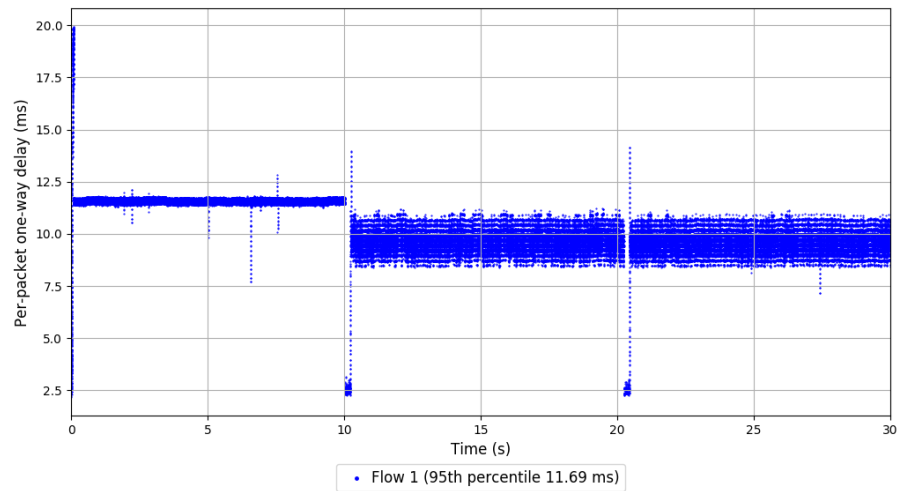
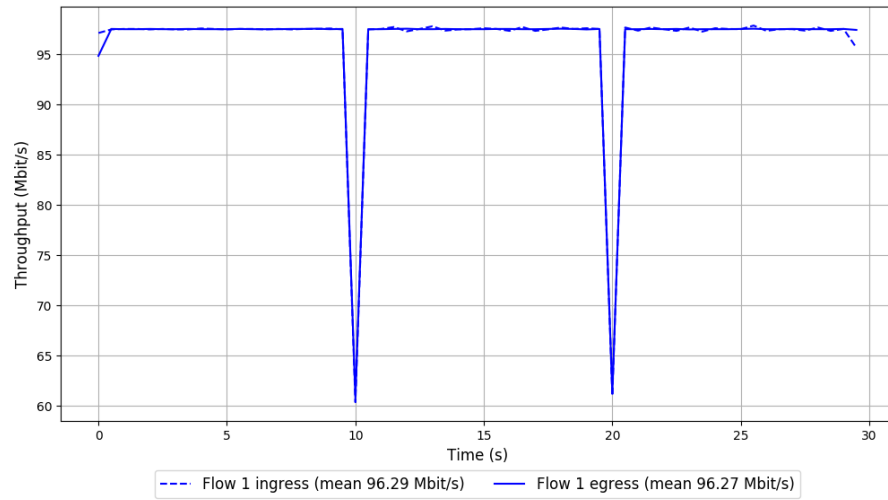
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.685 ms

Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-12-19 22:19:07

End at: 2017-12-19 22:19:37

Local clock offset: 0.154 ms

Remote clock offset: 0.504 ms

Below is generated by plot.py at 2017-12-20 01:22:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 32.784 ms

Loss rate: 0.01%

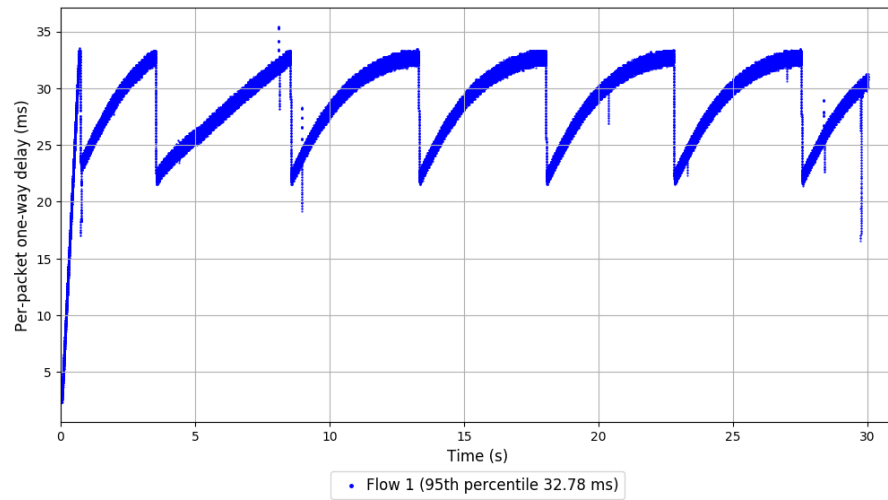
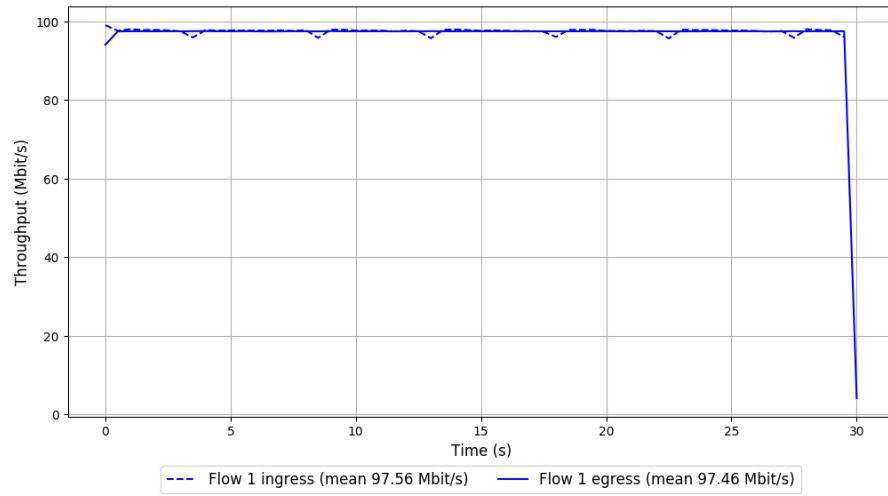
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 32.784 ms

Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2017-12-19 22:36:06

End at: 2017-12-19 22:36:36

Local clock offset: 0.162 ms

Remote clock offset: 0.612 ms

Below is generated by plot.py at 2017-12-20 01:22:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.765 ms

Loss rate: 0.01%

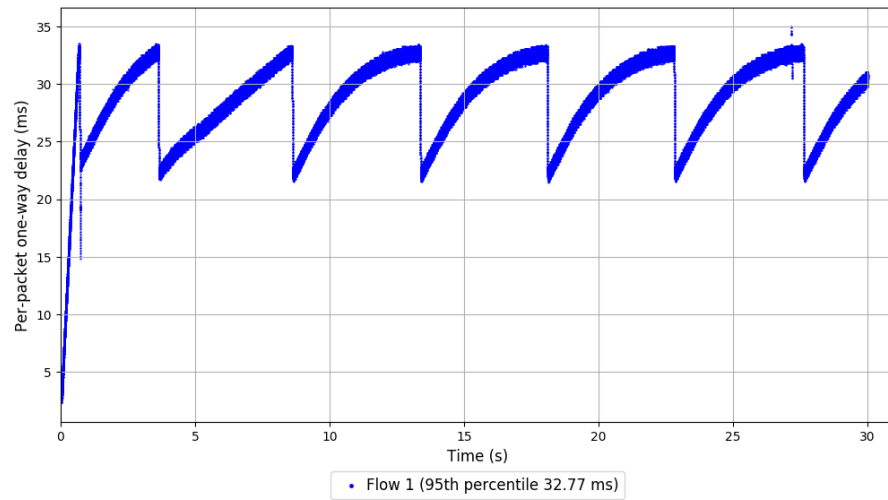
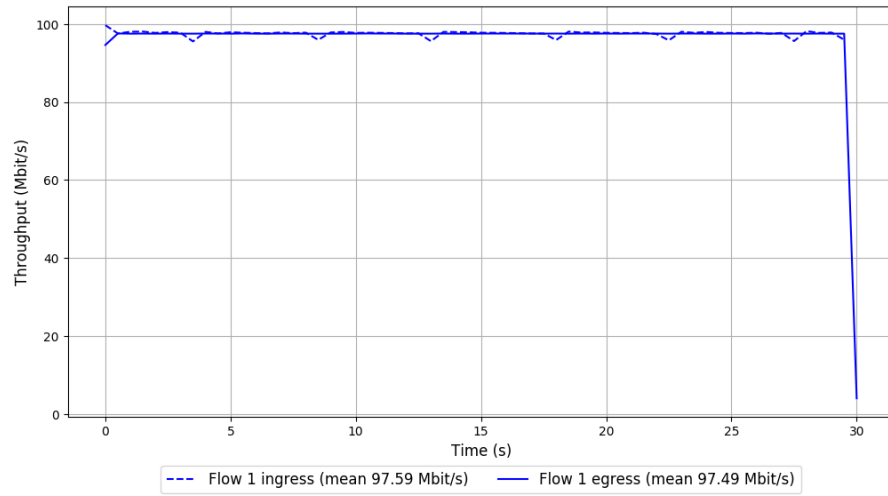
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.765 ms

Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2017-12-19 22:53:06

End at: 2017-12-19 22:53:36

Local clock offset: 0.224 ms

Remote clock offset: 0.754 ms

Below is generated by plot.py at 2017-12-20 01:22:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.725 ms

Loss rate: 0.01%

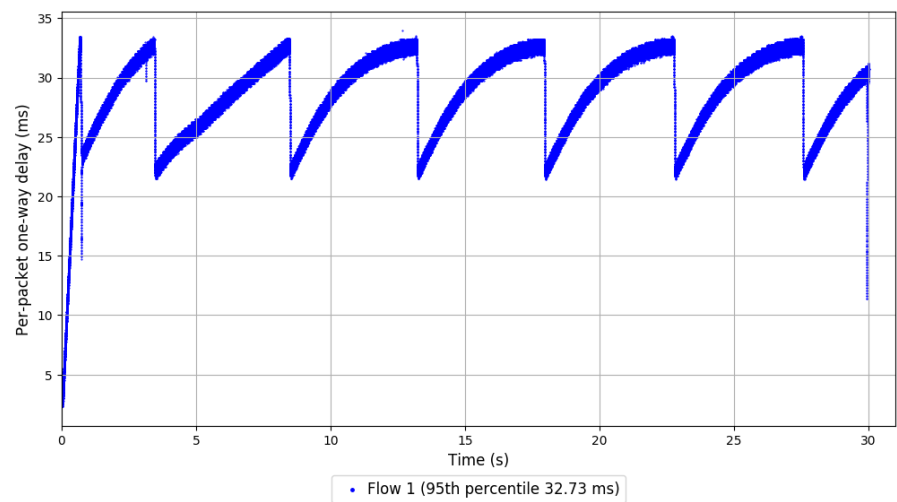
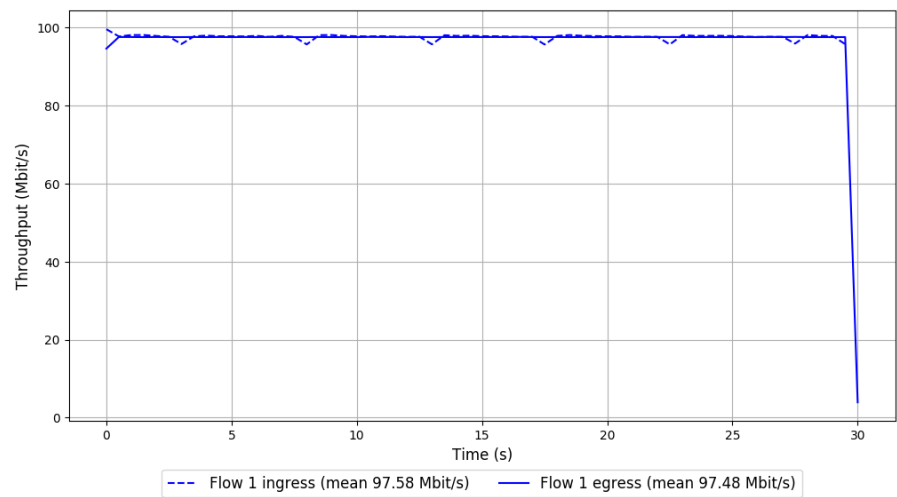
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.725 ms

Loss rate: 0.01%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-12-19 23:10:00

End at: 2017-12-19 23:10:30

Local clock offset: 0.124 ms

Remote clock offset: 0.826 ms

Below is generated by plot.py at 2017-12-20 01:22:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.776 ms

Loss rate: 0.01%

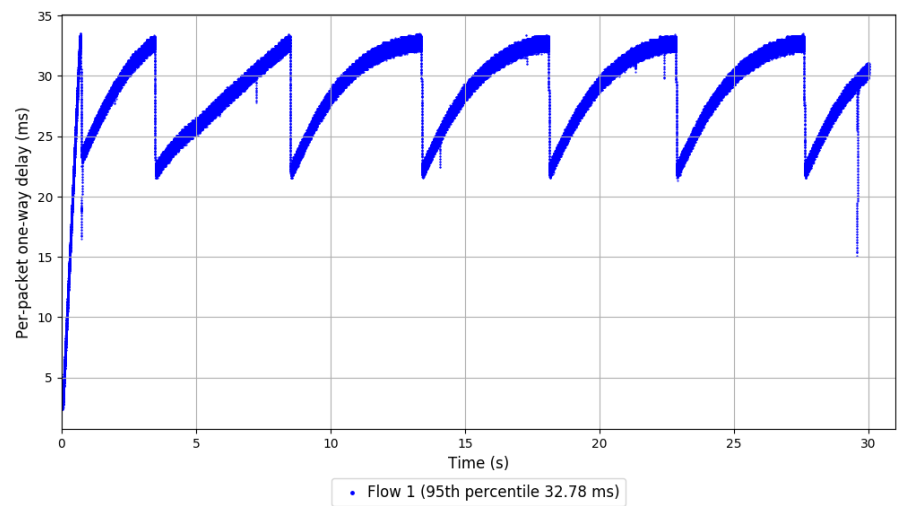
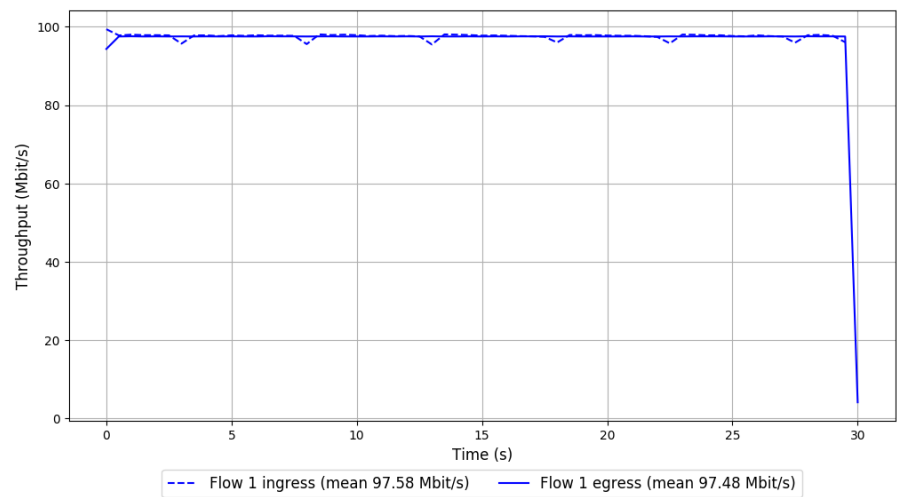
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.776 ms

Loss rate: 0.01%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-12-19 23:26:58

End at: 2017-12-19 23:27:28

Local clock offset: 0.151 ms

Remote clock offset: 0.807 ms

Below is generated by plot.py at 2017-12-20 01:22:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.634 ms

Loss rate: 0.01%

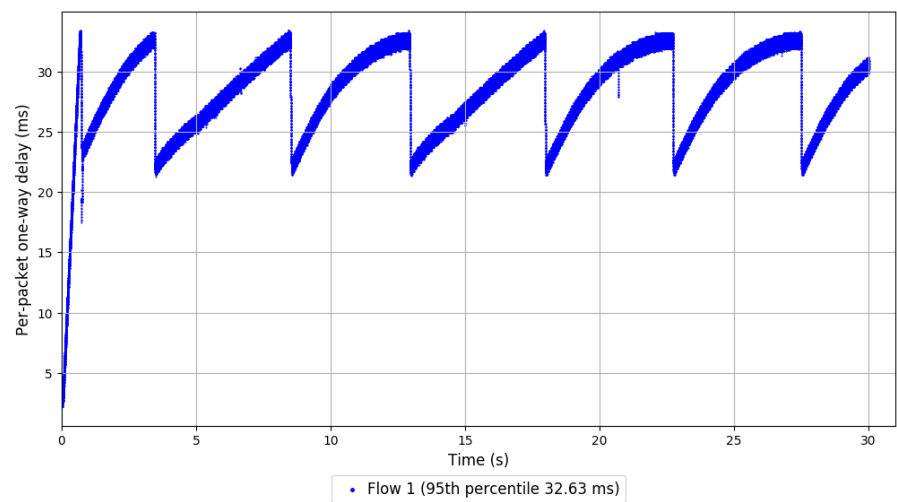
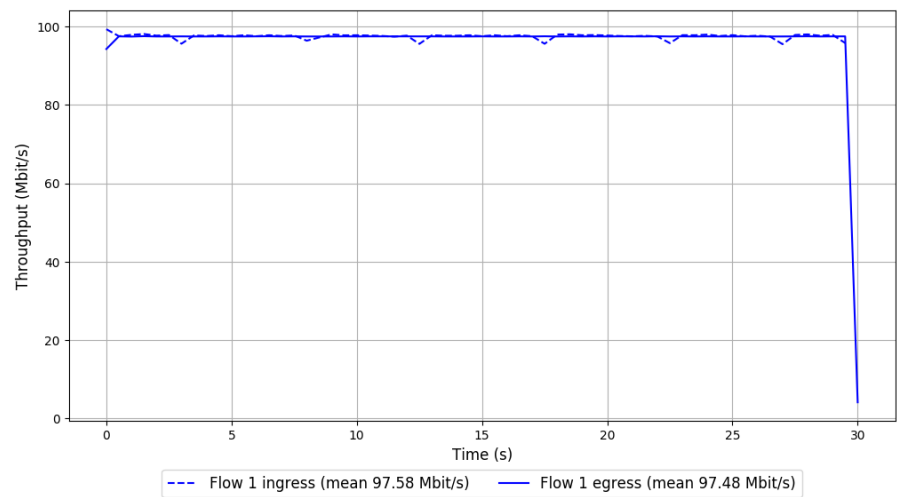
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.634 ms

Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2017-12-19 23:43:50

End at: 2017-12-19 23:44:20

Local clock offset: 0.177 ms

Remote clock offset: 0.892 ms

Below is generated by plot.py at 2017-12-20 01:22:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.698 ms

Loss rate: 0.01%

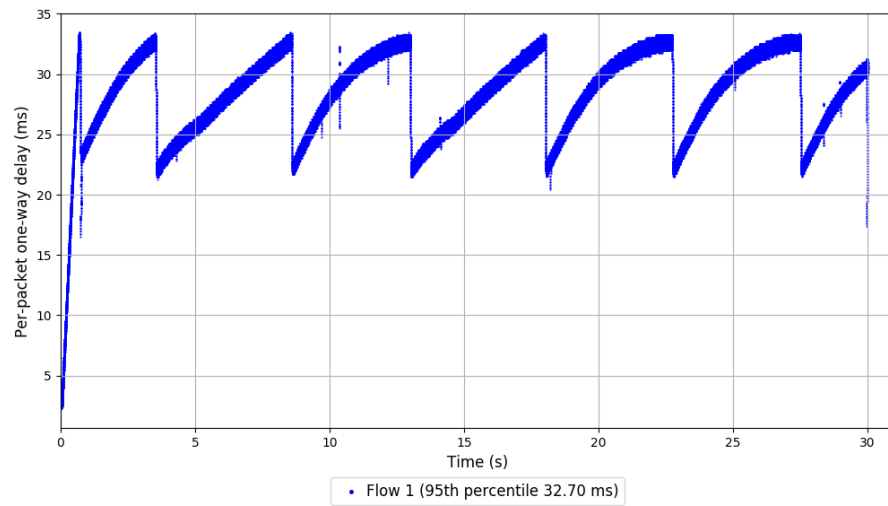
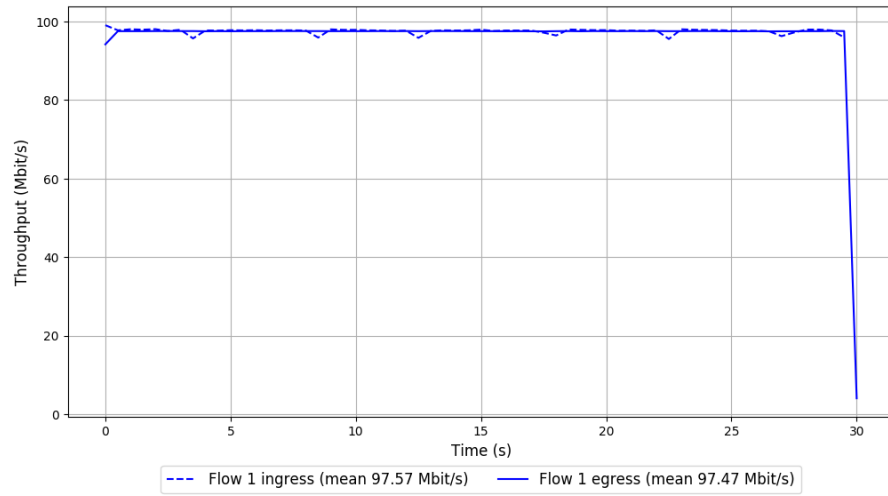
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.698 ms

Loss rate: 0.01%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2017-12-20 00:00:50

End at: 2017-12-20 00:01:20

Local clock offset: 0.191 ms

Remote clock offset: 0.857 ms

Below is generated by plot.py at 2017-12-20 01:22:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.658 ms

Loss rate: 0.01%

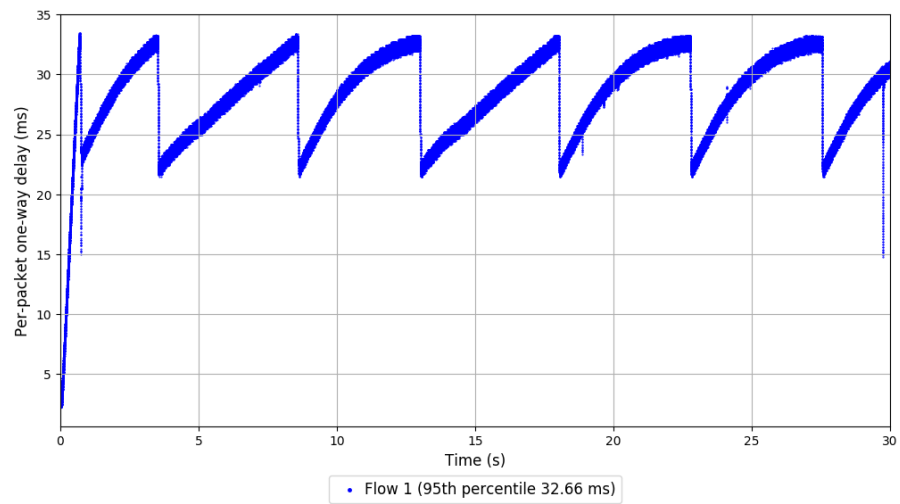
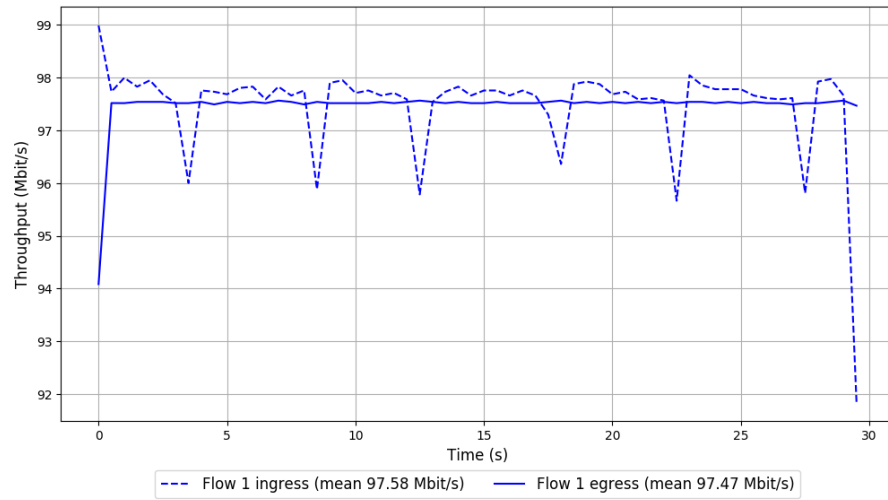
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.658 ms

Loss rate: 0.01%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-12-20 00:17:50

End at: 2017-12-20 00:18:20

Local clock offset: 0.113 ms

Remote clock offset: 0.84 ms

Below is generated by plot.py at 2017-12-20 01:24:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.774 ms

Loss rate: 0.01%

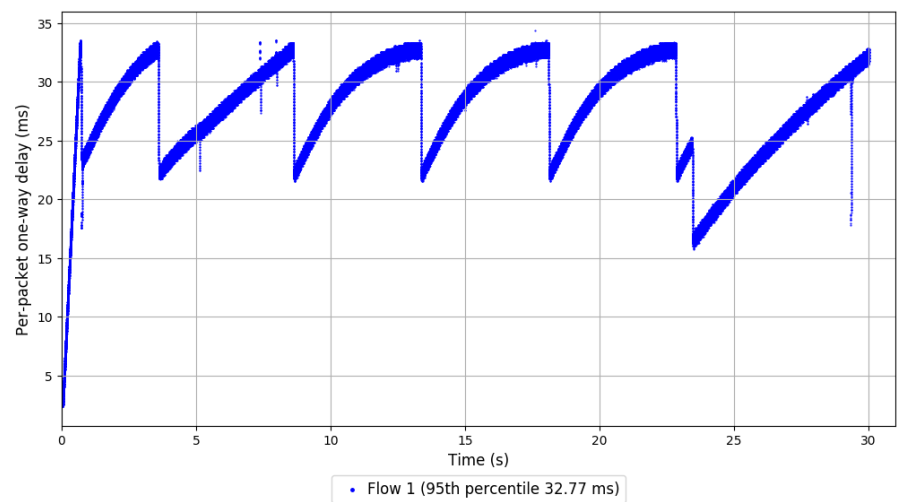
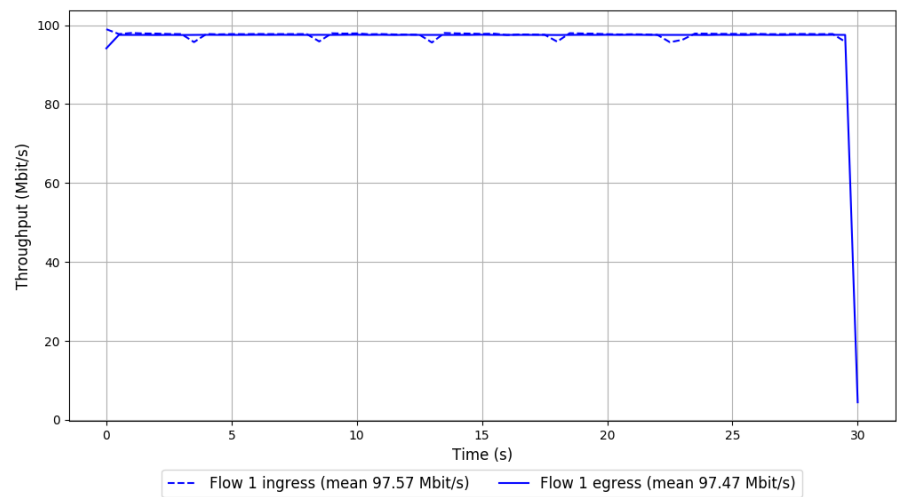
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.774 ms

Loss rate: 0.01%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2017-12-20 00:34:50

End at: 2017-12-20 00:35:20

Local clock offset: 0.096 ms

Remote clock offset: 0.627 ms

Below is generated by plot.py at 2017-12-20 01:24:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.571 ms

Loss rate: 0.01%

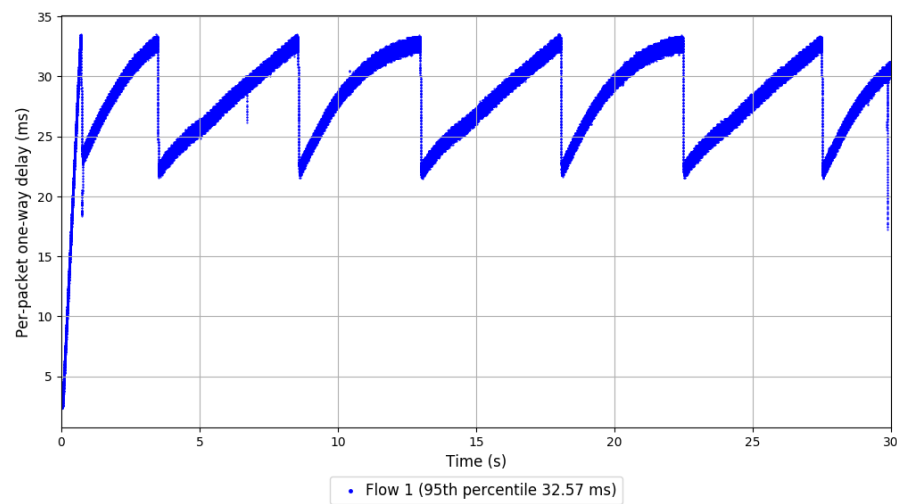
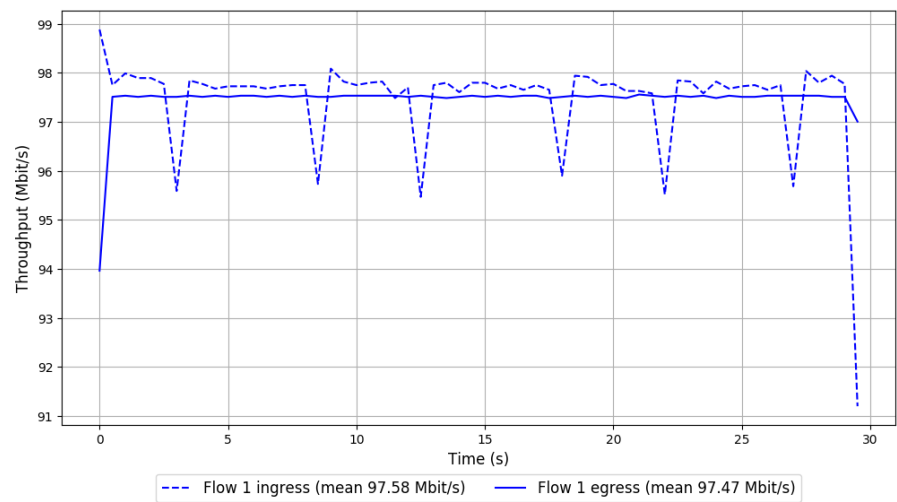
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.571 ms

Loss rate: 0.01%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-12-20 00:51:54

End at: 2017-12-20 00:52:24

Local clock offset: 0.049 ms

Remote clock offset: 0.369 ms

Below is generated by plot.py at 2017-12-20 01:24:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.767 ms

Loss rate: 0.01%

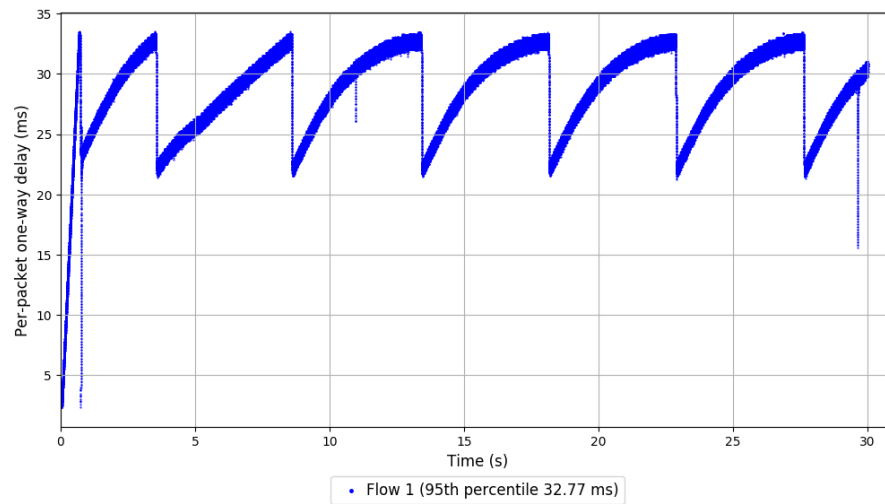
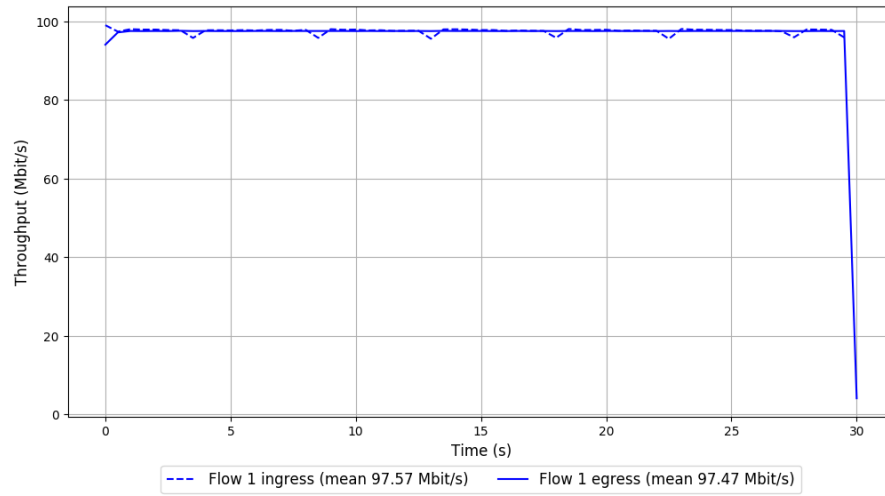
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.767 ms

Loss rate: 0.01%

Run 10: Report of TCP Cubic — Data Link

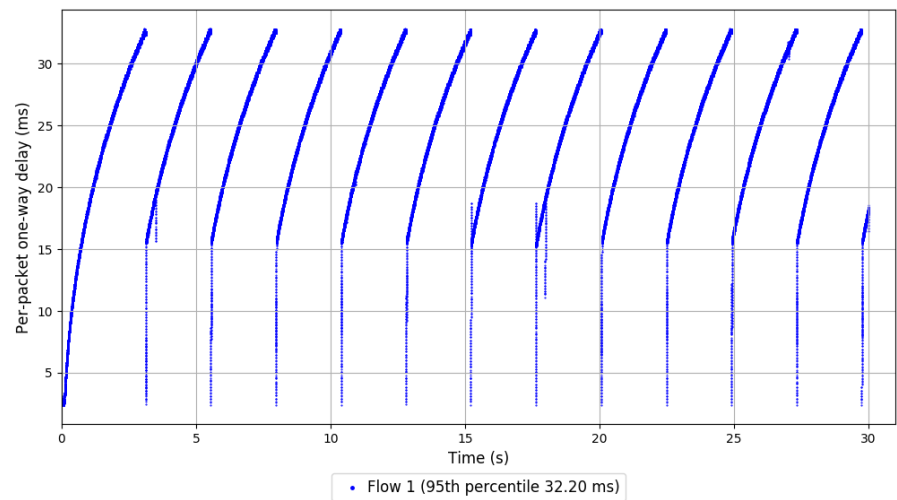
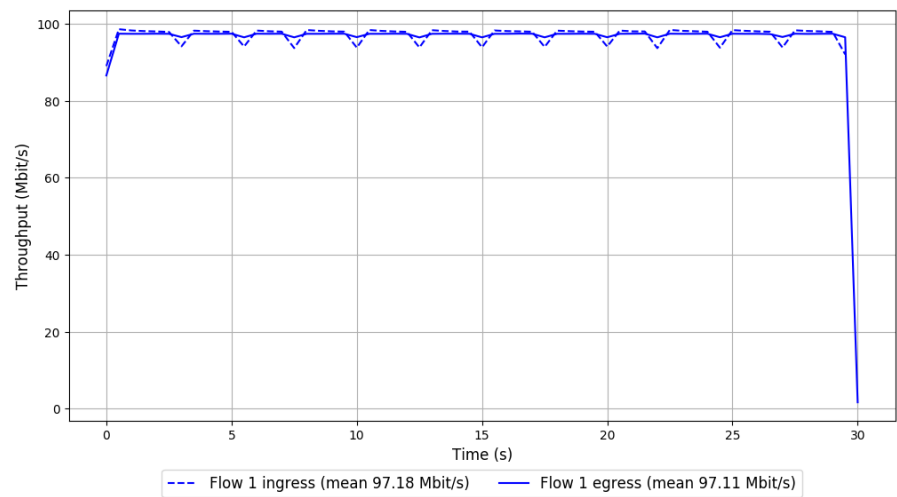


```
Run 1: Statistics of LEDBAT

Start at: 2017-12-19 22:10:08
End at: 2017-12-19 22:10:38
Local clock offset: 0.173 ms
Remote clock offset: 0.466 ms

# Below is generated by plot.py at 2017-12-20 01:24:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.195 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.195 ms
Loss rate: 0.01%
```


Run 1: Report of LEDBAT — Data Link

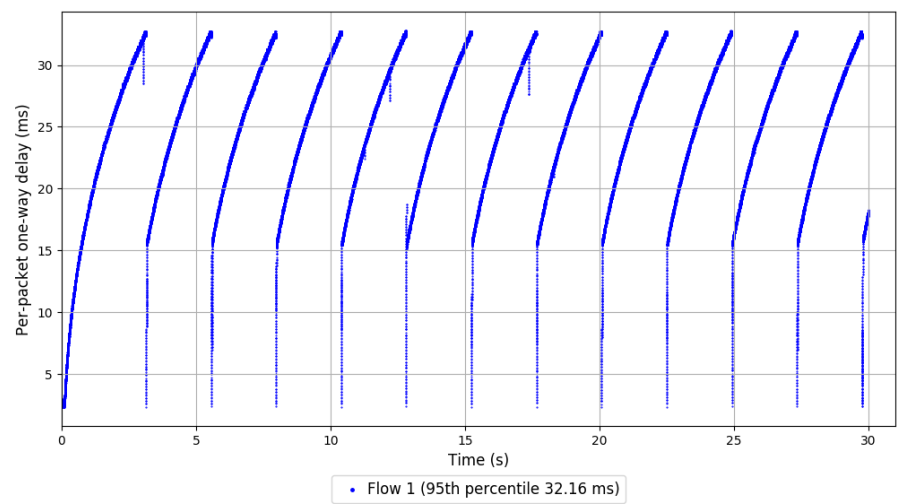
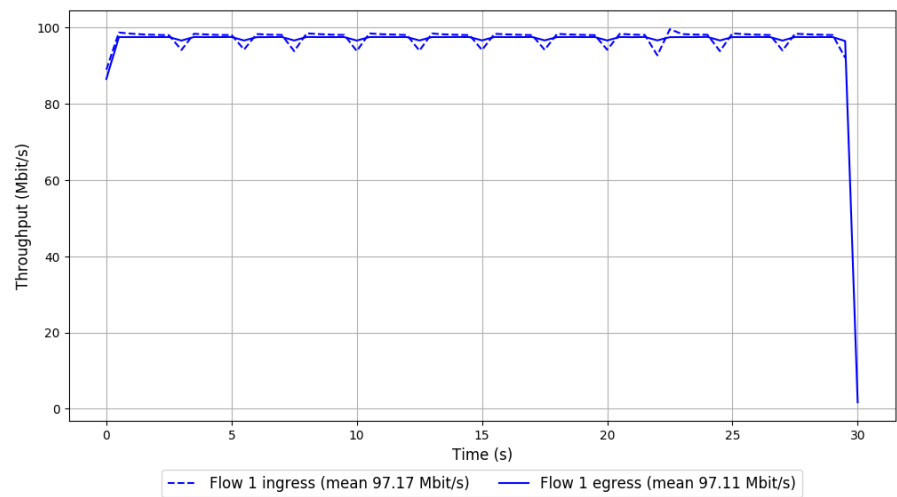


```
Run 2: Statistics of LEDBAT

Start at: 2017-12-19 22:27:03
End at: 2017-12-19 22:27:33
Local clock offset: 0.221 ms
Remote clock offset: 0.582 ms

# Below is generated by plot.py at 2017-12-20 01:24:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.164 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.164 ms
Loss rate: 0.01%
```

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2017-12-19 22:44:02

End at: 2017-12-19 22:44:32

Local clock offset: 0.237 ms

Remote clock offset: 0.669 ms

Below is generated by plot.py at 2017-12-20 01:24:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 32.152 ms

Loss rate: 0.01%

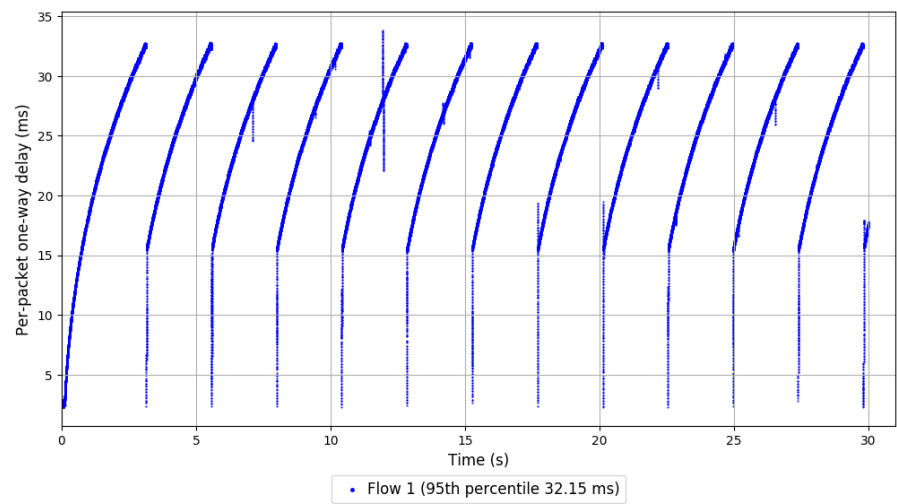
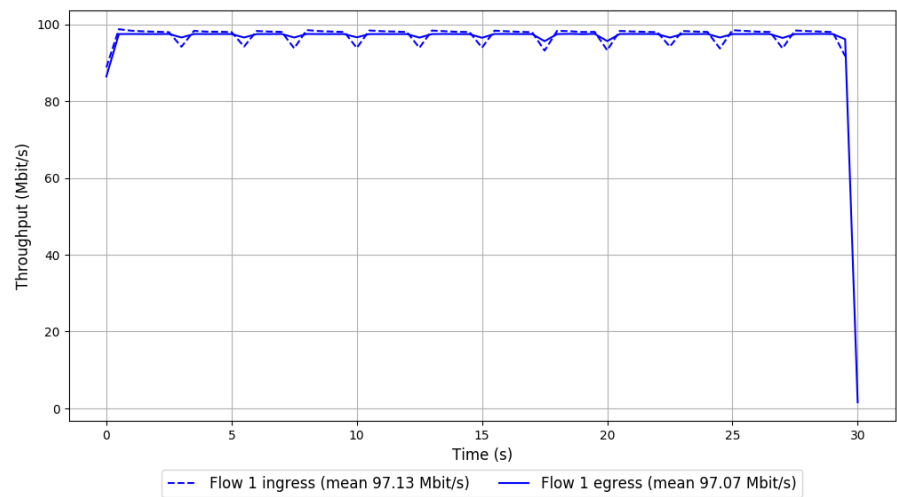
-- Flow 1:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 32.152 ms

Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-12-19 23:00:59

End at: 2017-12-19 23:01:29

Local clock offset: 0.199 ms

Remote clock offset: 0.728 ms

Below is generated by plot.py at 2017-12-20 01:24:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 32.080 ms

Loss rate: 0.01%

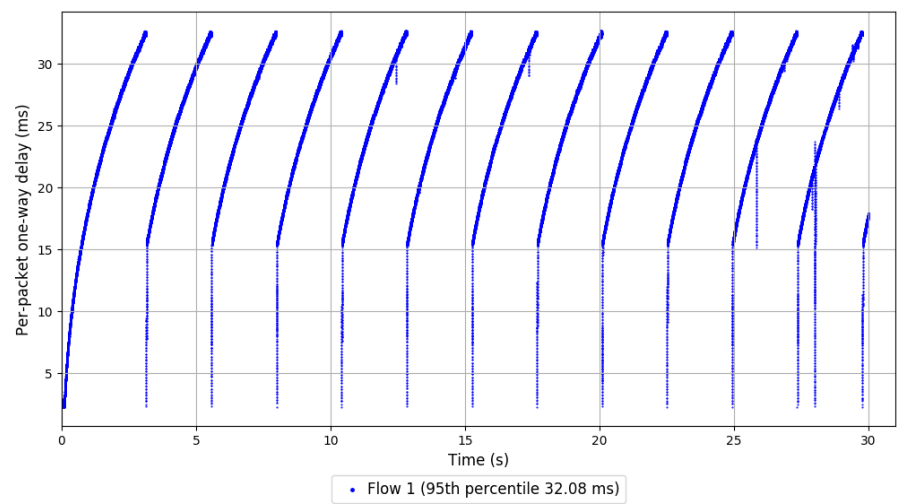
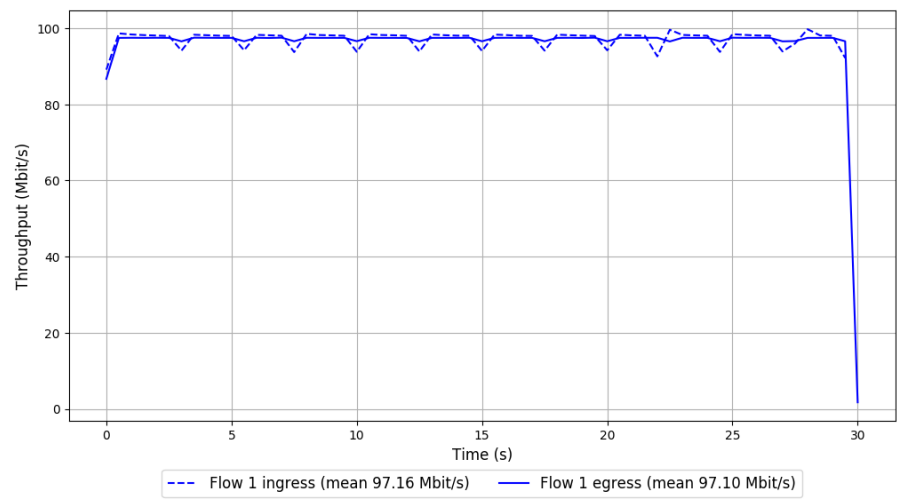
-- Flow 1:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 32.080 ms

Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2017-12-19 23:17:57

End at: 2017-12-19 23:18:27

Local clock offset: 0.169 ms

Remote clock offset: 0.842 ms

Below is generated by plot.py at 2017-12-20 01:24:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.59 Mbit/s

95th percentile per-packet one-way delay: 47.442 ms

Loss rate: 0.19%

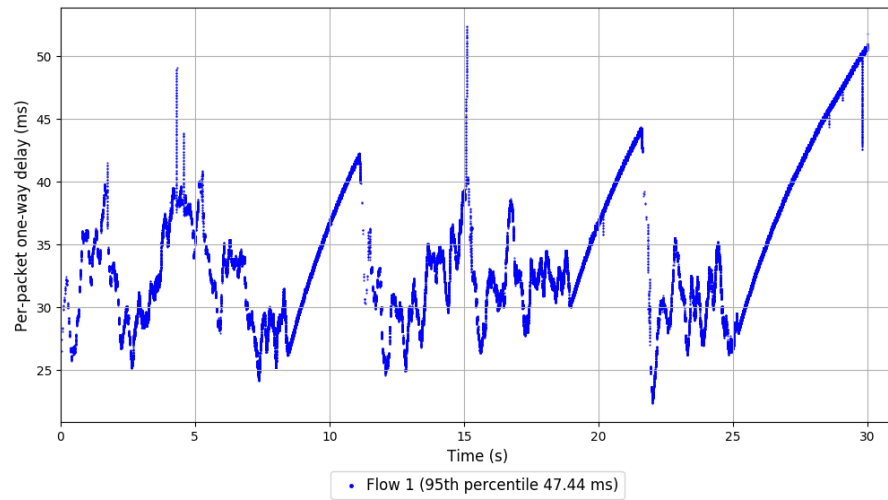
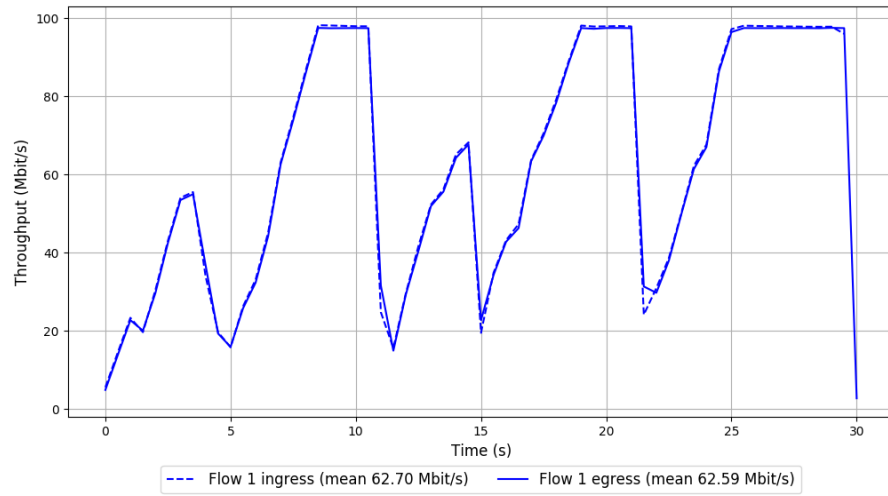
-- Flow 1:

Average throughput: 62.59 Mbit/s

95th percentile per-packet one-way delay: 47.442 ms

Loss rate: 0.19%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2017-12-19 23:34:46

End at: 2017-12-19 23:35:16

Local clock offset: 0.169 ms

Remote clock offset: 0.905 ms

Below is generated by plot.py at 2017-12-20 01:24:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.145 ms

Loss rate: 0.01%

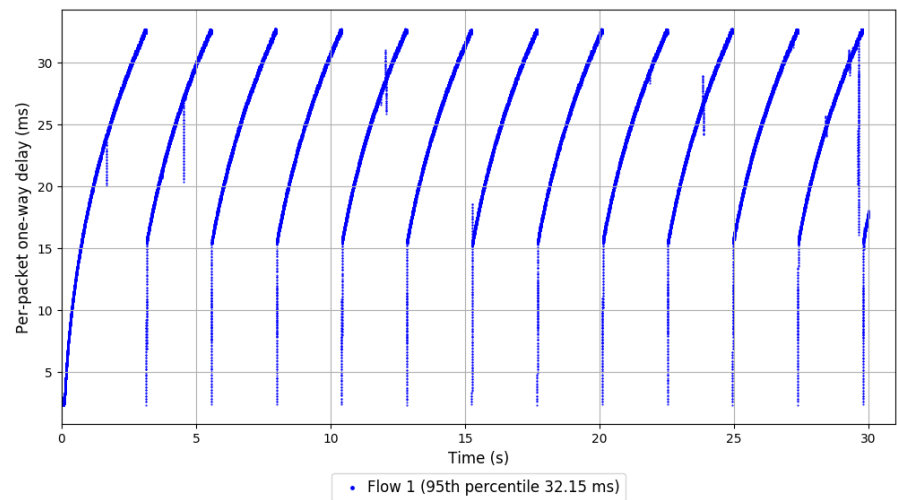
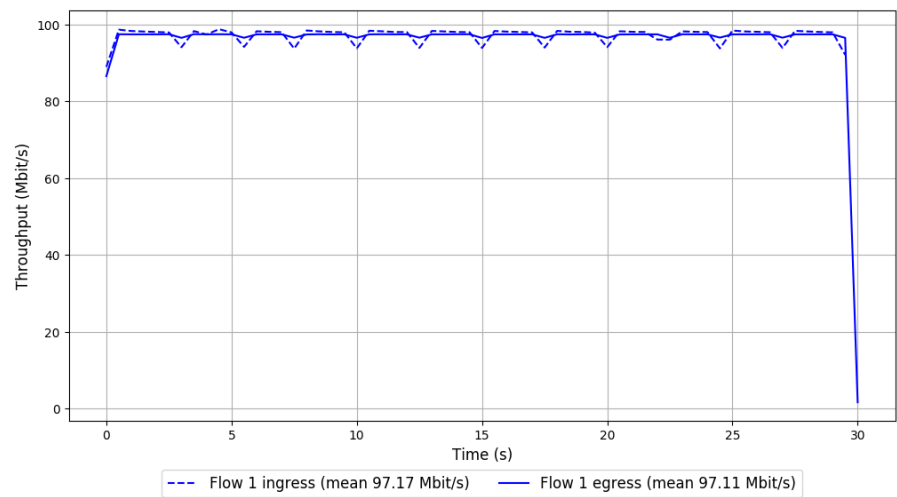
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.145 ms

Loss rate: 0.01%

Run 6: Report of LEDBAT — Data Link

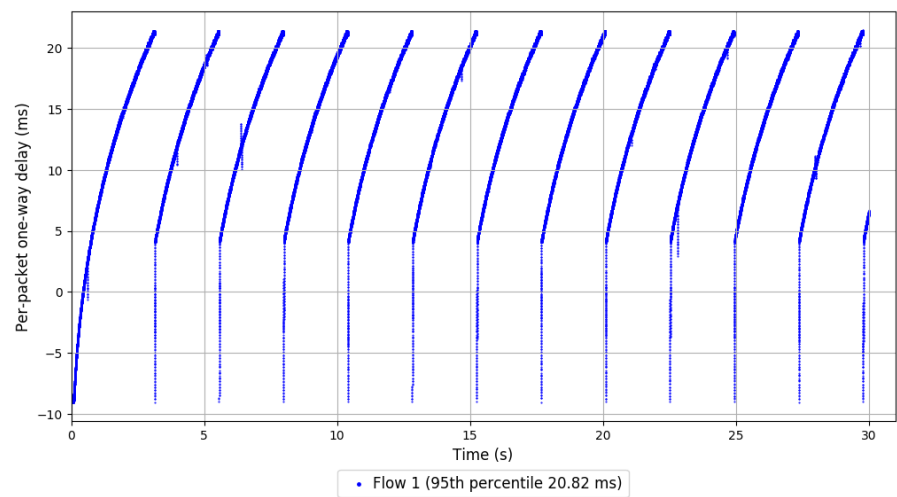
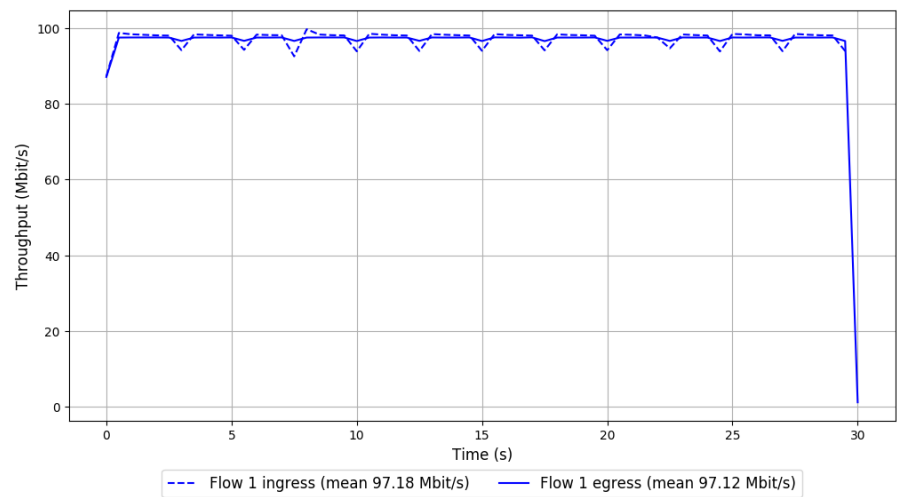


Run 7: Statistics of LEDBAT

Start at: 2017-12-19 23:51:46
End at: 2017-12-19 23:52:16
Local clock offset: 0.179 ms
Remote clock offset: -10.453 ms

Below is generated by plot.py at 2017-12-20 01:25:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 20.816 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 20.816 ms
Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2017-12-20 00:08:46

End at: 2017-12-20 00:09:16

Local clock offset: 0.171 ms

Remote clock offset: 0.801 ms

Below is generated by plot.py at 2017-12-20 01:25:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.081 ms

Loss rate: 0.01%

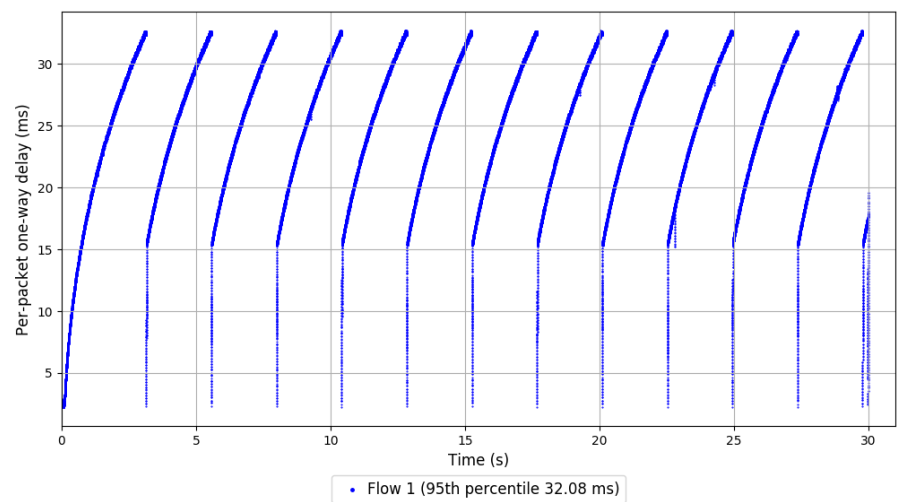
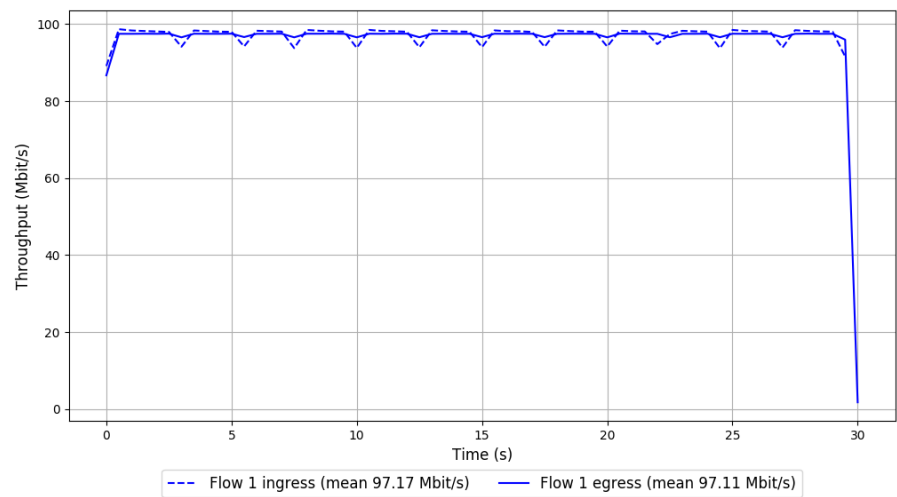
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.081 ms

Loss rate: 0.01%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2017-12-20 00:25:46

End at: 2017-12-20 00:26:16

Local clock offset: 0.164 ms

Remote clock offset: 0.741 ms

Below is generated by plot.py at 2017-12-20 01:25:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 32.152 ms

Loss rate: 0.01%

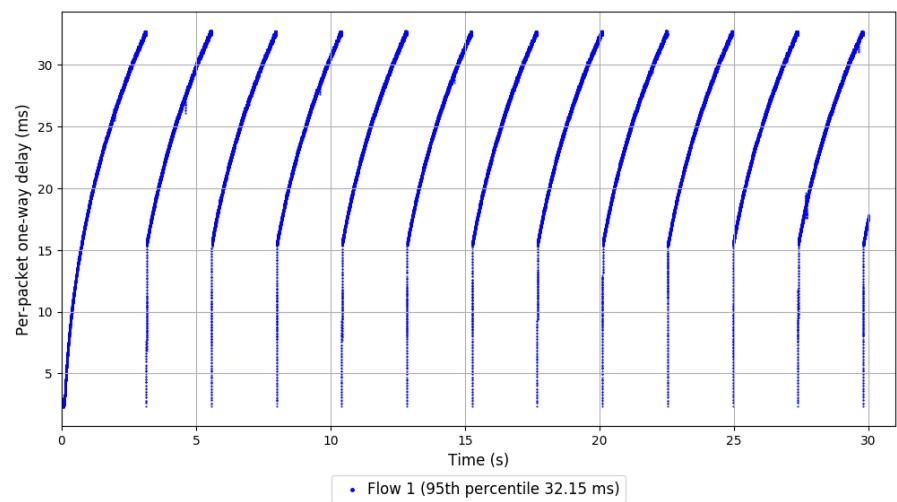
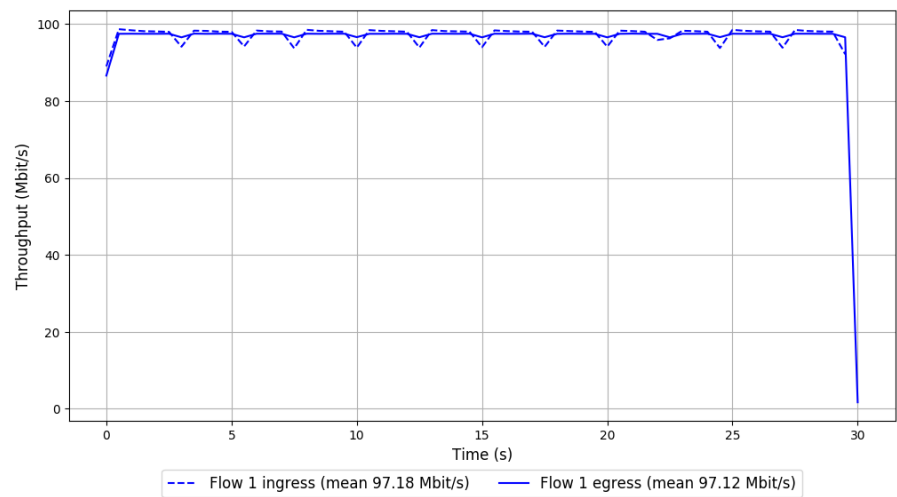
-- Flow 1:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 32.152 ms

Loss rate: 0.01%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-12-20 00:42:46

End at: 2017-12-20 00:43:16

Local clock offset: 0.066 ms

Remote clock offset: -8.06 ms

Below is generated by plot.py at 2017-12-20 01:25:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 23.682 ms

Loss rate: 0.01%

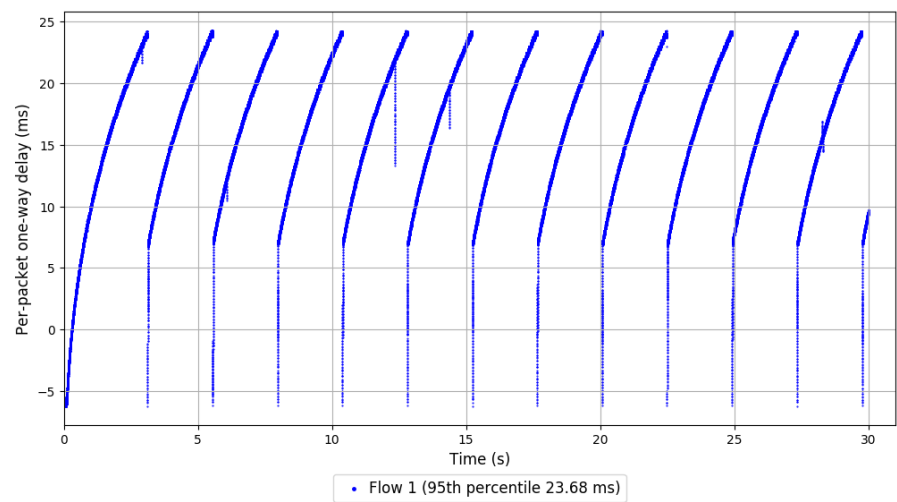
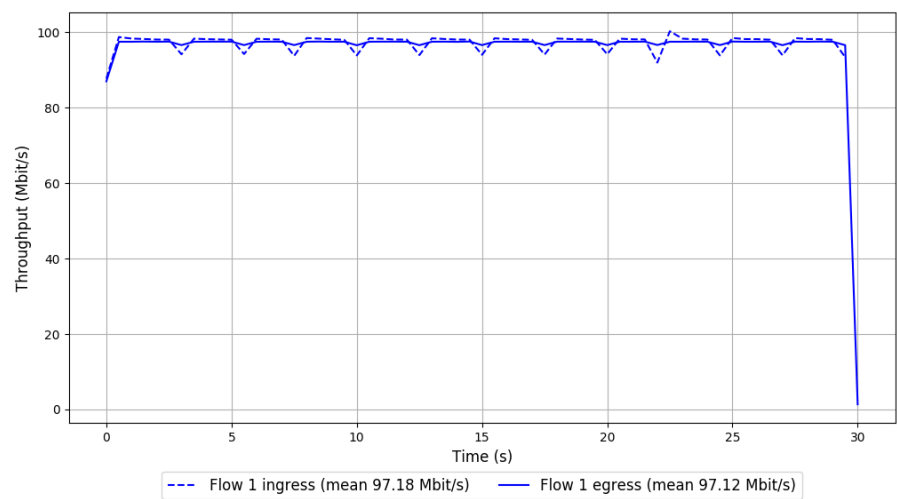
-- Flow 1:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 23.682 ms

Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

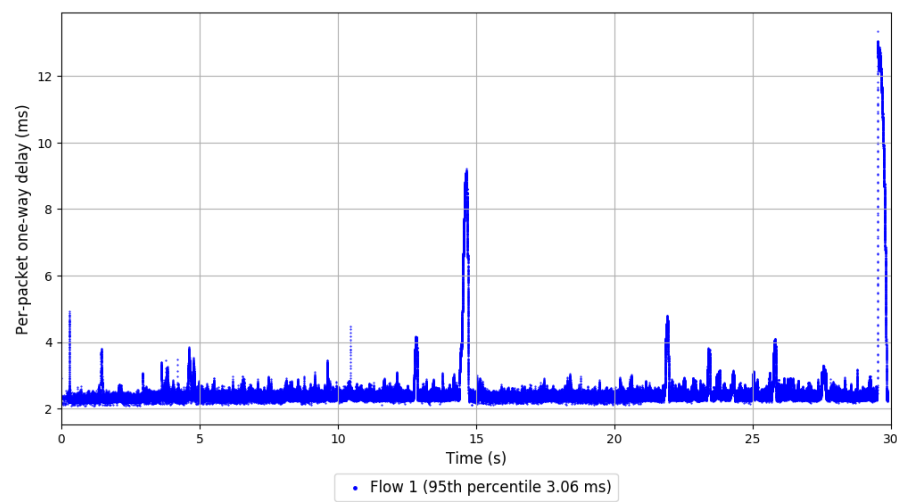
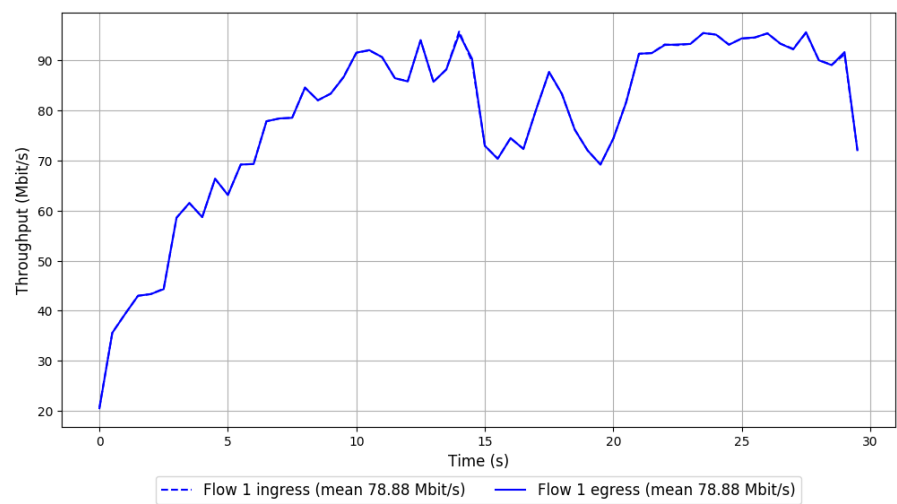


```
Run 1: Statistics of PCC

Start at: 2017-12-19 22:18:00
End at: 2017-12-19 22:18:30
Local clock offset: 0.219 ms
Remote clock offset: 0.425 ms

# Below is generated by plot.py at 2017-12-20 01:25:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 3.058 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 3.058 ms
Loss rate: 0.00%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-12-19 22:34:59

End at: 2017-12-19 22:35:29

Local clock offset: 0.224 ms

Remote clock offset: 0.594 ms

Below is generated by plot.py at 2017-12-20 01:25:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.33 Mbit/s

95th percentile per-packet one-way delay: 3.381 ms

Loss rate: 0.00%

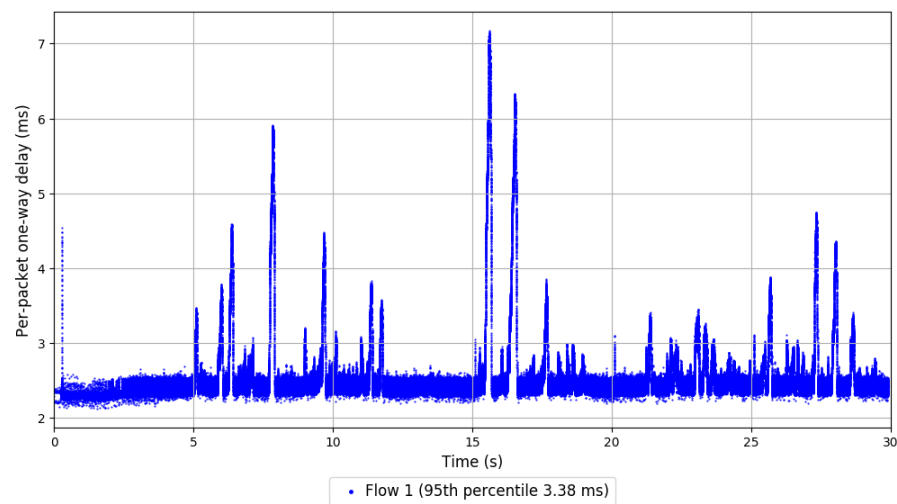
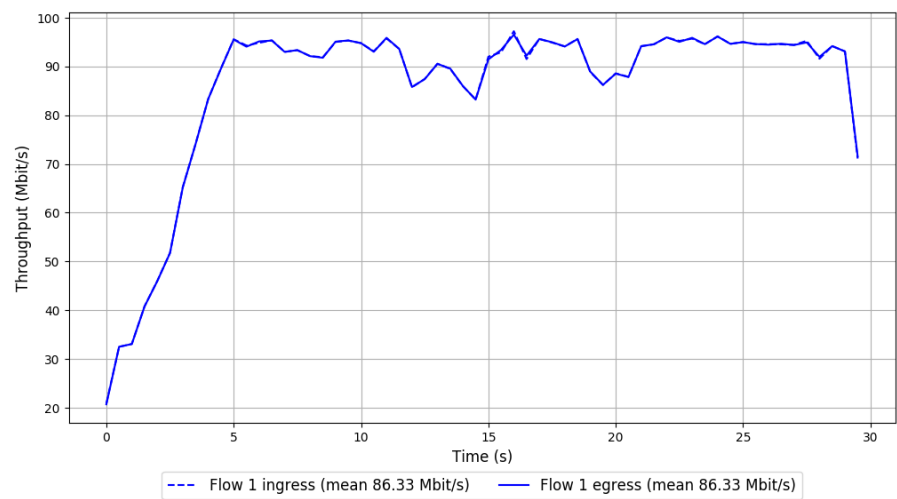
-- Flow 1:

Average throughput: 86.33 Mbit/s

95th percentile per-packet one-way delay: 3.381 ms

Loss rate: 0.00%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2017-12-19 22:51:59

End at: 2017-12-19 22:52:29

Local clock offset: 0.161 ms

Remote clock offset: 0.738 ms

Below is generated by plot.py at 2017-12-20 01:25:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 3.734 ms

Loss rate: 0.00%

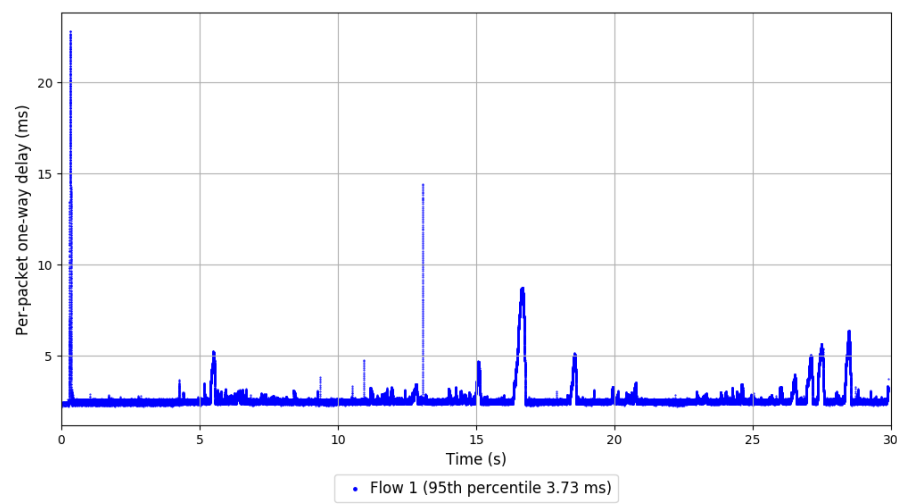
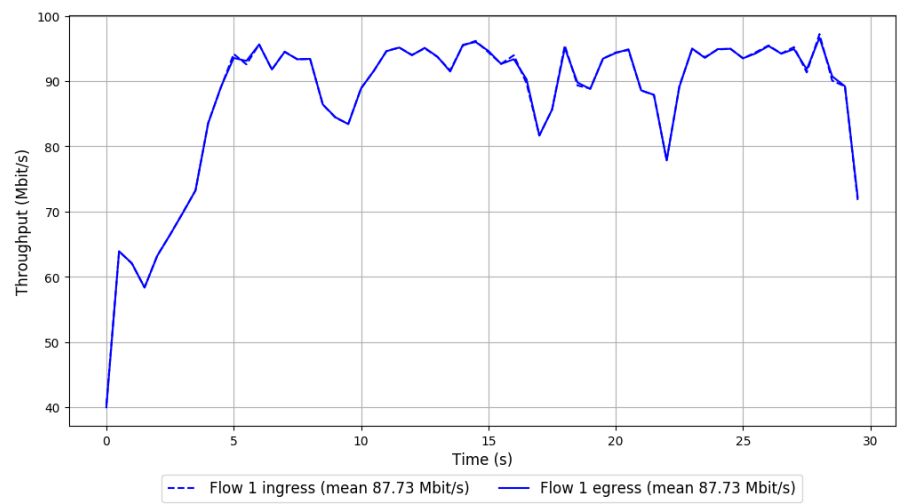
-- Flow 1:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 3.734 ms

Loss rate: 0.00%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-12-19 23:08:54

End at: 2017-12-19 23:09:24

Local clock offset: 0.181 ms

Remote clock offset: 0.778 ms

Below is generated by plot.py at 2017-12-20 01:26:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.46 Mbit/s

95th percentile per-packet one-way delay: 3.263 ms

Loss rate: 0.00%

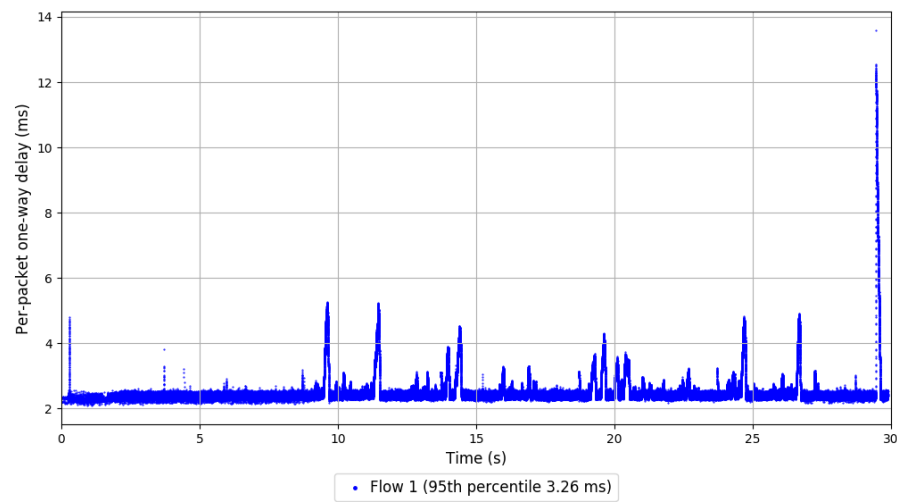
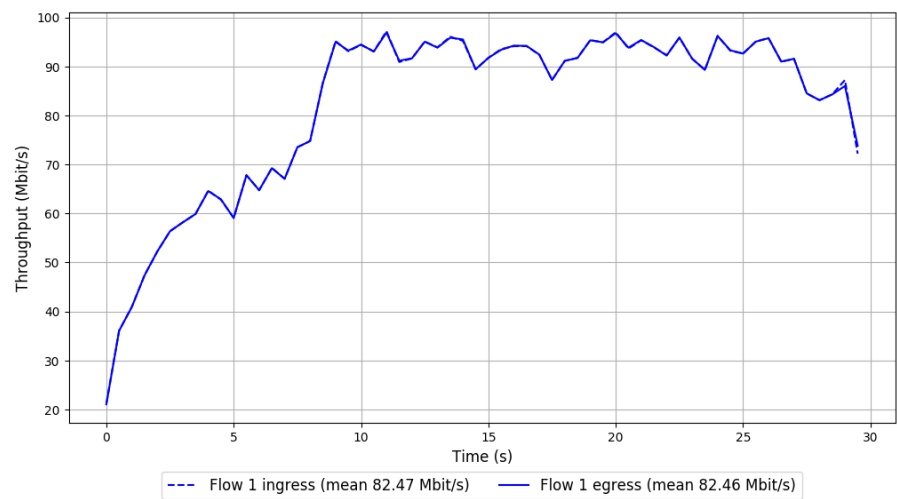
-- Flow 1:

Average throughput: 82.46 Mbit/s

95th percentile per-packet one-way delay: 3.263 ms

Loss rate: 0.00%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-12-19 23:25:51

End at: 2017-12-19 23:26:21

Local clock offset: 0.085 ms

Remote clock offset: 0.867 ms

Below is generated by plot.py at 2017-12-20 01:26:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.77 Mbit/s

95th percentile per-packet one-way delay: 3.394 ms

Loss rate: 0.00%

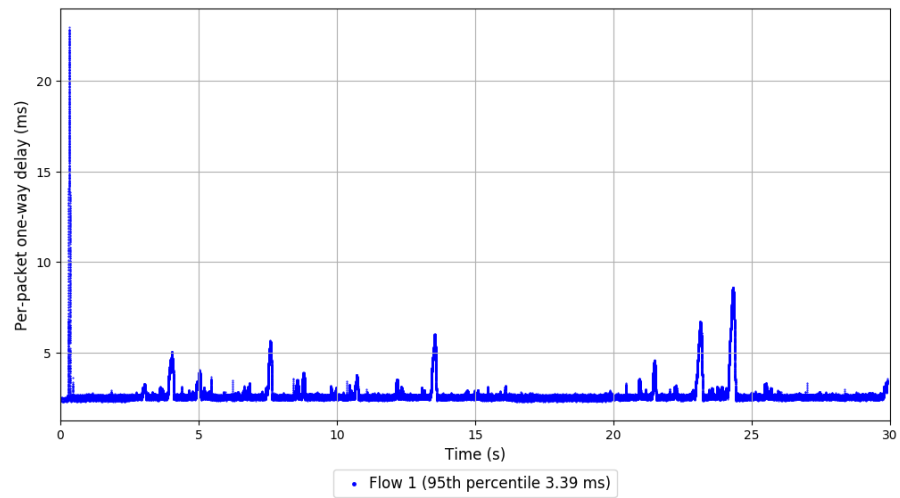
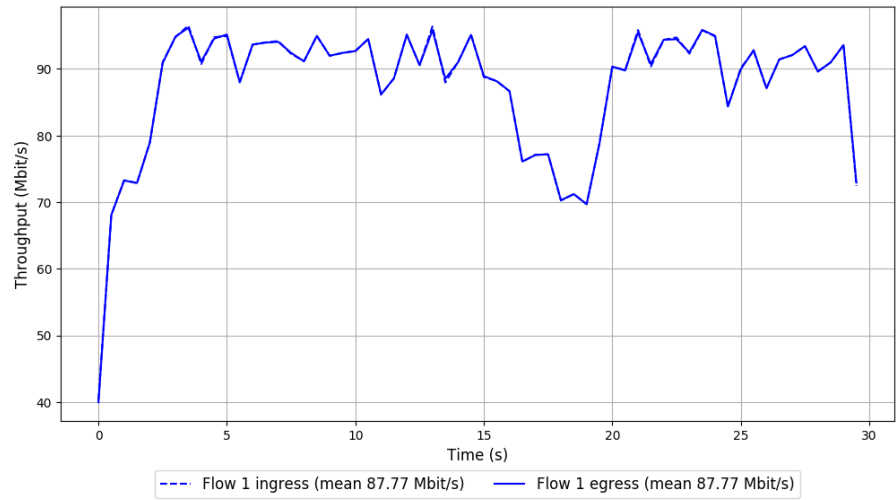
-- Flow 1:

Average throughput: 87.77 Mbit/s

95th percentile per-packet one-way delay: 3.394 ms

Loss rate: 0.00%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-12-19 23:42:43

End at: 2017-12-19 23:43:13

Local clock offset: 0.106 ms

Remote clock offset: 0.923 ms

Below is generated by plot.py at 2017-12-20 01:26:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.61 Mbit/s

95th percentile per-packet one-way delay: 4.276 ms

Loss rate: 0.00%

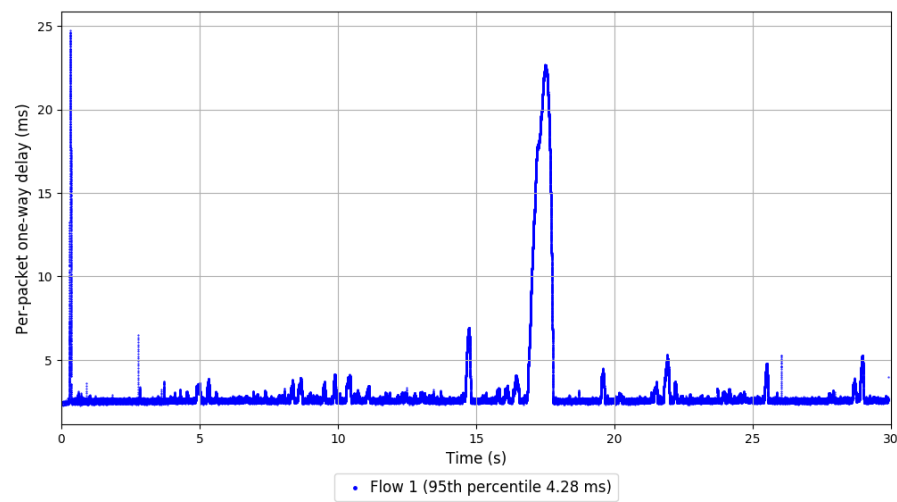
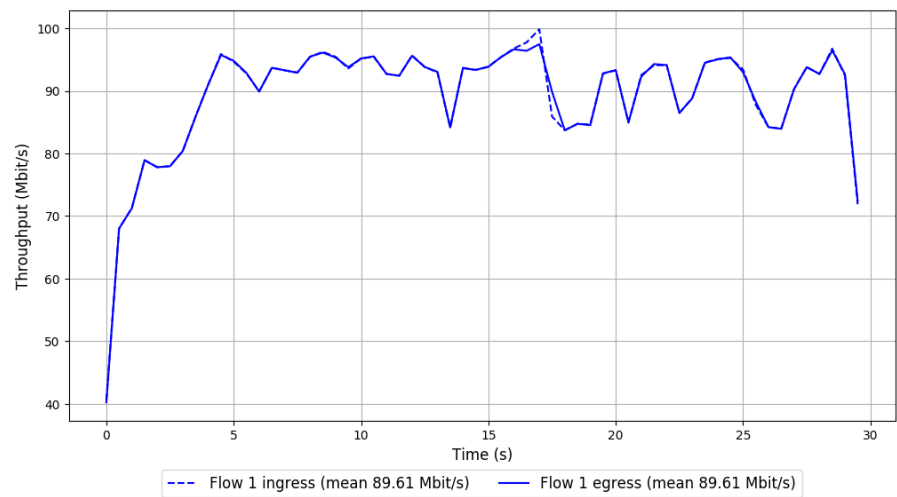
-- Flow 1:

Average throughput: 89.61 Mbit/s

95th percentile per-packet one-way delay: 4.276 ms

Loss rate: 0.00%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-12-19 23:59:43

End at: 2017-12-20 00:00:13

Local clock offset: 0.183 ms

Remote clock offset: 0.862 ms

Below is generated by plot.py at 2017-12-20 01:26:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.20 Mbit/s

95th percentile per-packet one-way delay: 3.510 ms

Loss rate: 0.00%

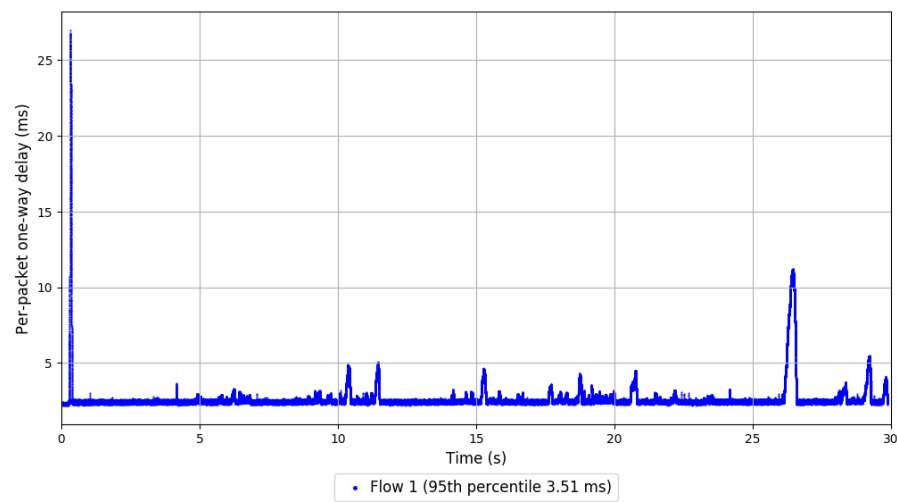
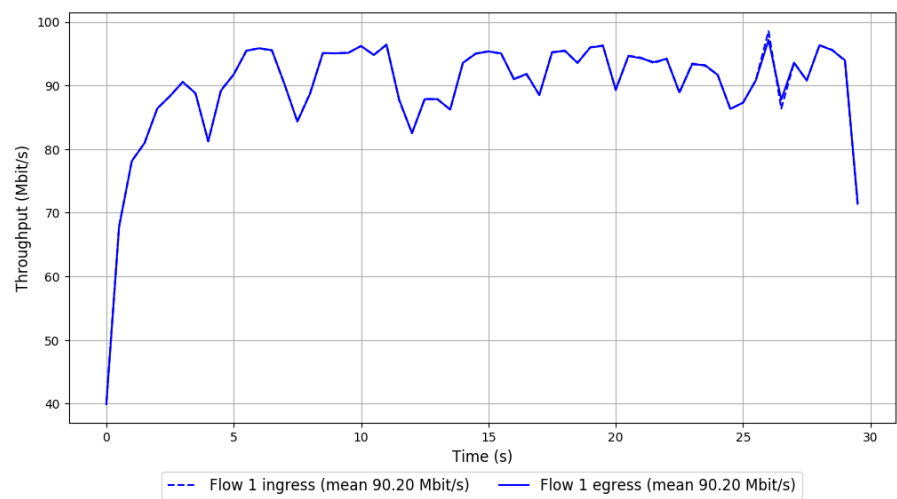
-- Flow 1:

Average throughput: 90.20 Mbit/s

95th percentile per-packet one-way delay: 3.510 ms

Loss rate: 0.00%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2017-12-20 00:16:43

End at: 2017-12-20 00:17:13

Local clock offset: 0.18 ms

Remote clock offset: 0.786 ms

Below is generated by plot.py at 2017-12-20 01:26:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.70 Mbit/s

95th percentile per-packet one-way delay: 3.416 ms

Loss rate: 0.00%

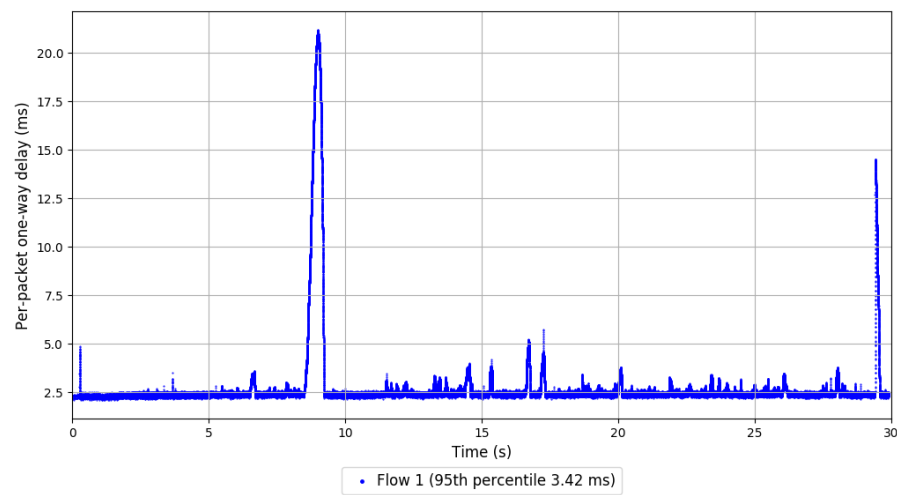
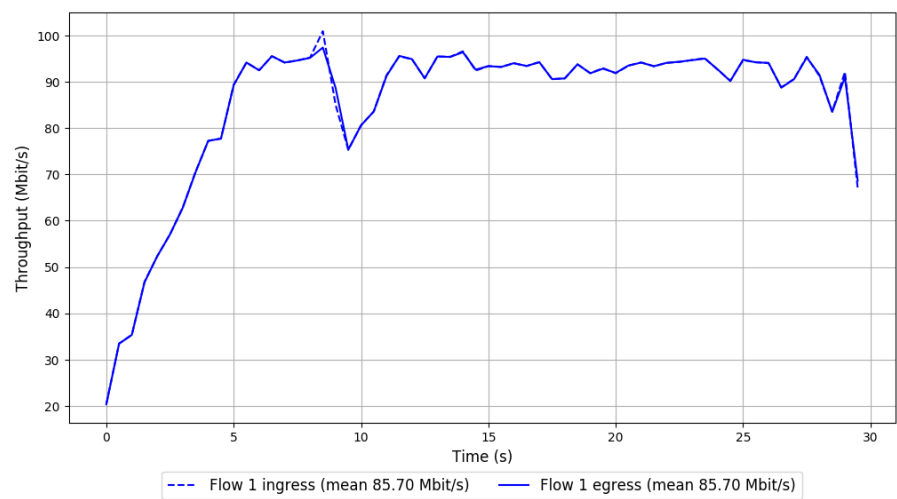
-- Flow 1:

Average throughput: 85.70 Mbit/s

95th percentile per-packet one-way delay: 3.416 ms

Loss rate: 0.00%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2017-12-20 00:33:43

End at: 2017-12-20 00:34:13

Local clock offset: 0.154 ms

Remote clock offset: 0.651 ms

Below is generated by plot.py at 2017-12-20 01:26:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 3.556 ms

Loss rate: 0.00%

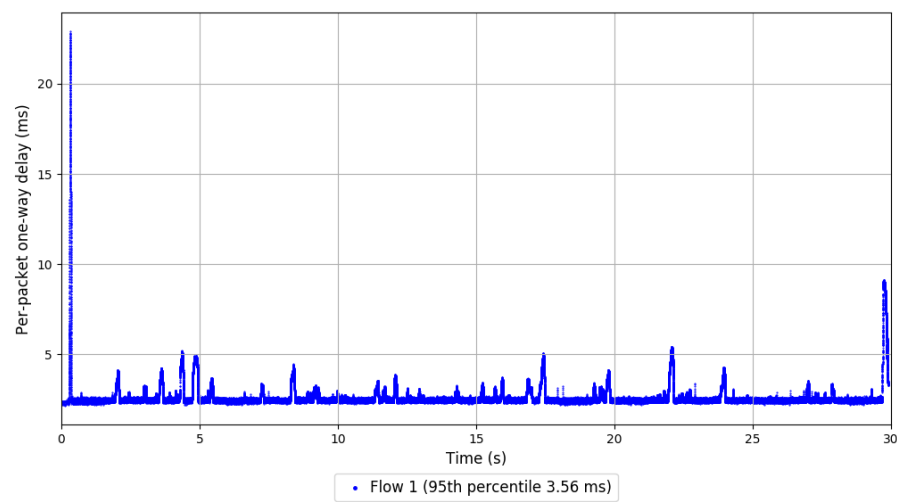
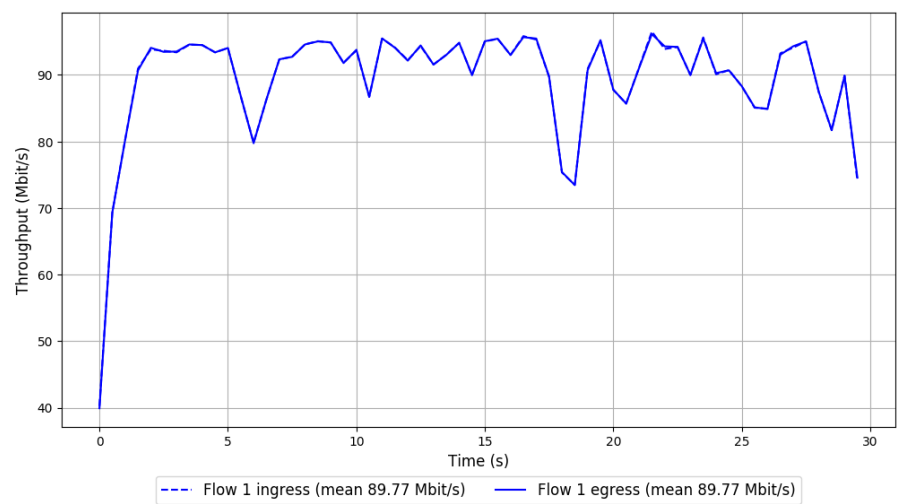
-- Flow 1:

Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 3.556 ms

Loss rate: 0.00%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2017-12-20 00:50:48

End at: 2017-12-20 00:51:18

Local clock offset: 0.119 ms

Remote clock offset: 0.34 ms

Below is generated by plot.py at 2017-12-20 01:26:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.83 Mbit/s

95th percentile per-packet one-way delay: 4.048 ms

Loss rate: 0.00%

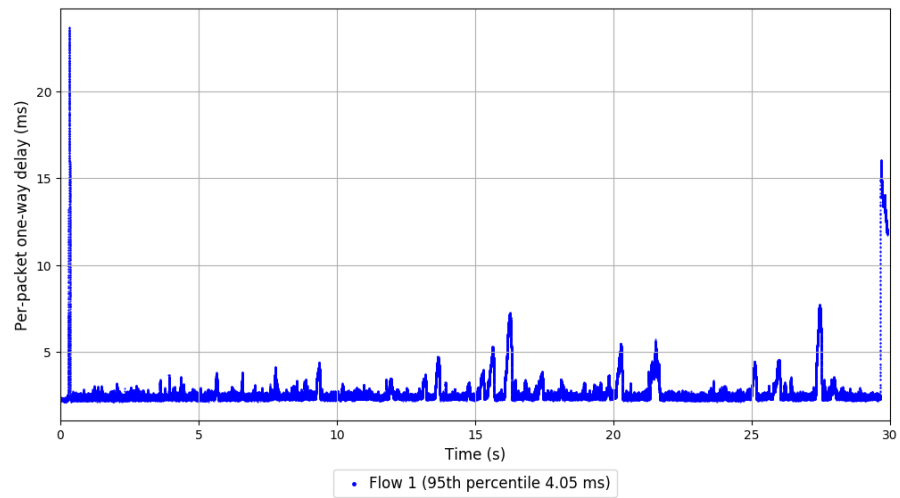
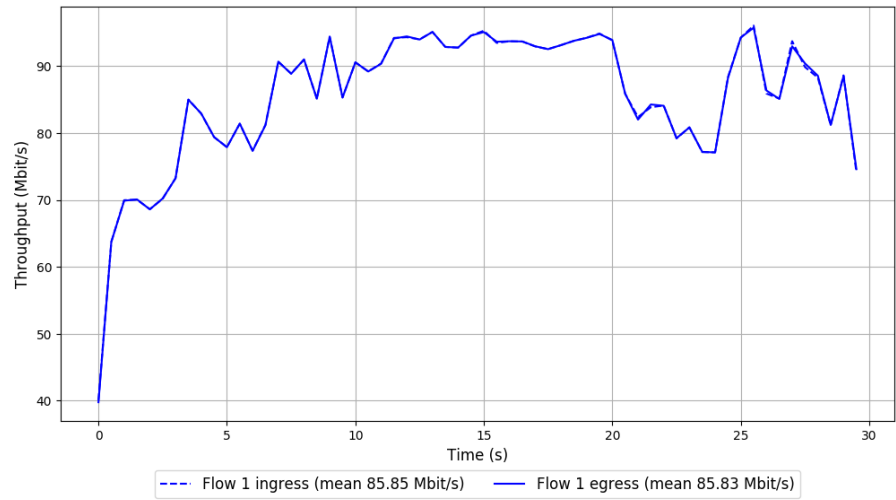
-- Flow 1:

Average throughput: 85.83 Mbit/s

95th percentile per-packet one-way delay: 4.048 ms

Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

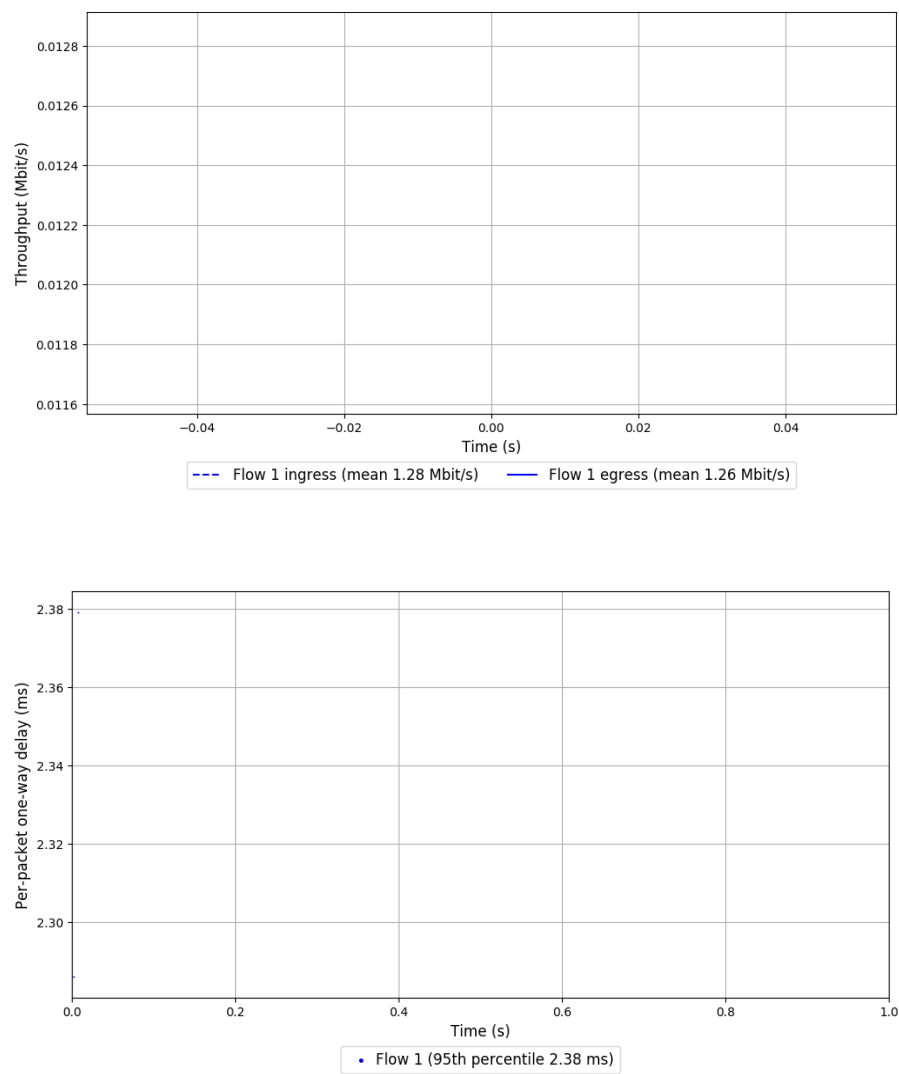
Start at: 2017-12-19 22:12:28

End at: 2017-12-19 22:12:58

Local clock offset: 0.241 ms

Remote clock offset: 0.479 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-12-19 22:29:23

End at: 2017-12-19 22:29:54

Local clock offset: 0.223 ms

Remote clock offset: 0.501 ms

Below is generated by plot.py at 2017-12-20 01:26:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.44 Mbit/s

95th percentile per-packet one-way delay: 21.129 ms

Loss rate: 0.07%

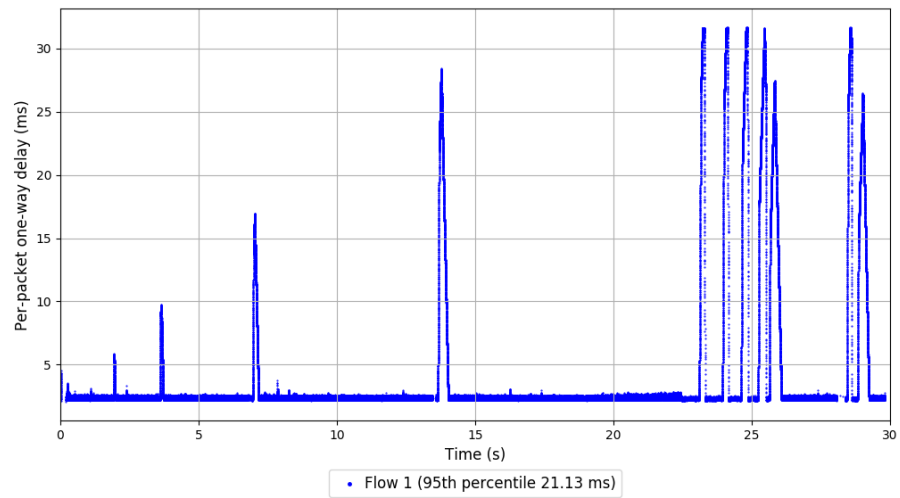
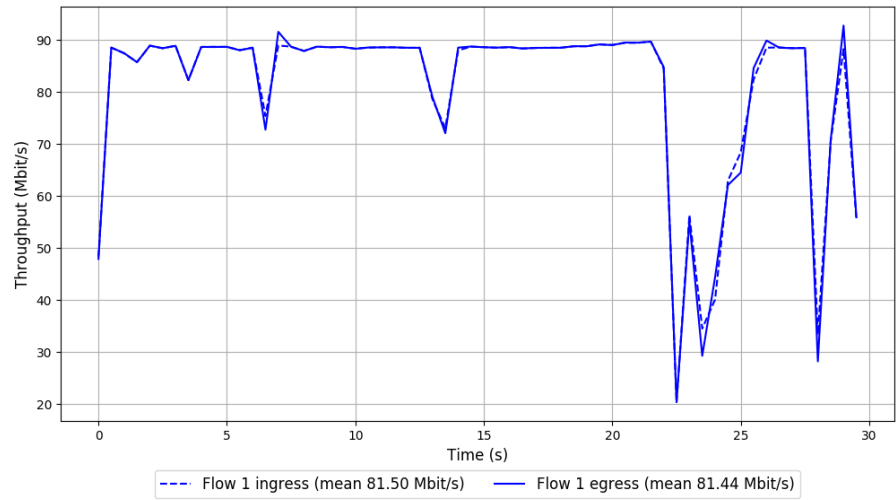
-- Flow 1:

Average throughput: 81.44 Mbit/s

95th percentile per-packet one-way delay: 21.129 ms

Loss rate: 0.07%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-12-19 22:46:23

End at: 2017-12-19 22:46:53

Local clock offset: 0.23 ms

Remote clock offset: 0.711 ms

Below is generated by plot.py at 2017-12-20 01:27:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.85 Mbit/s

95th percentile per-packet one-way delay: 16.621 ms

Loss rate: 0.00%

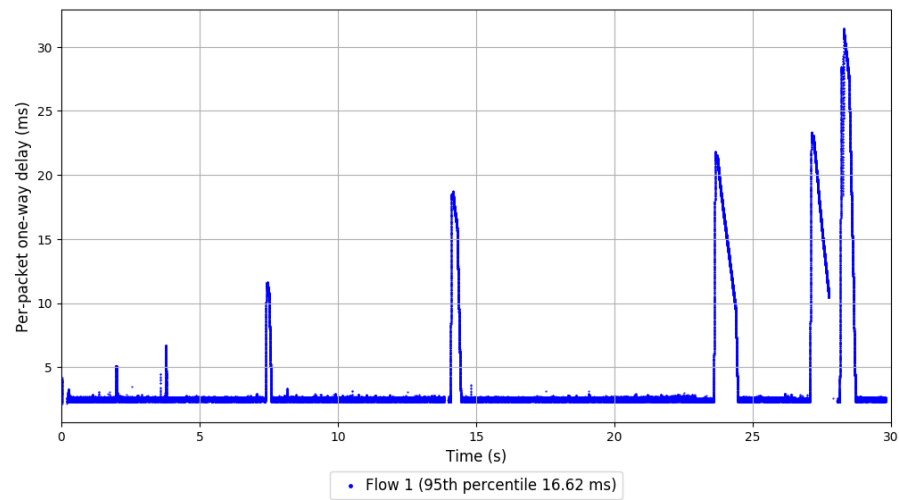
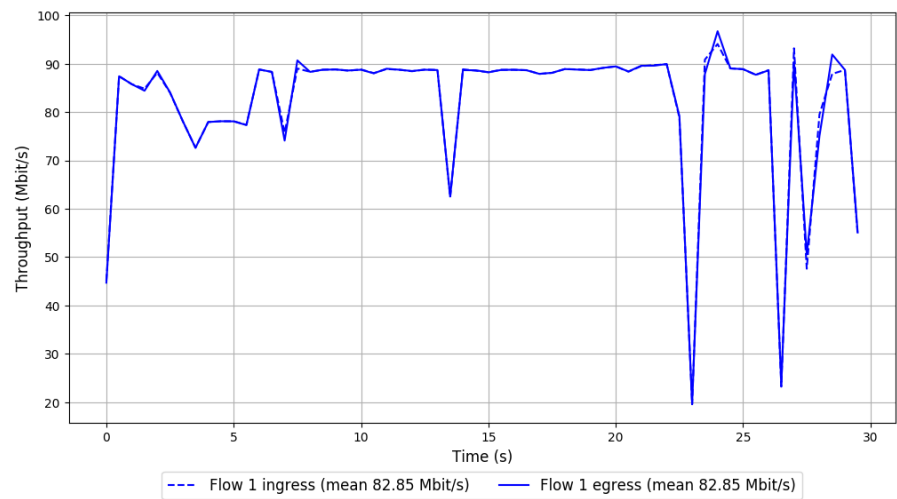
-- Flow 1:

Average throughput: 82.85 Mbit/s

95th percentile per-packet one-way delay: 16.621 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-12-19 23:03:20

End at: 2017-12-19 23:03:50

Local clock offset: 0.117 ms

Remote clock offset: 0.784 ms

Below is generated by plot.py at 2017-12-20 01:28:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.64 Mbit/s

95th percentile per-packet one-way delay: 14.534 ms

Loss rate: 0.00%

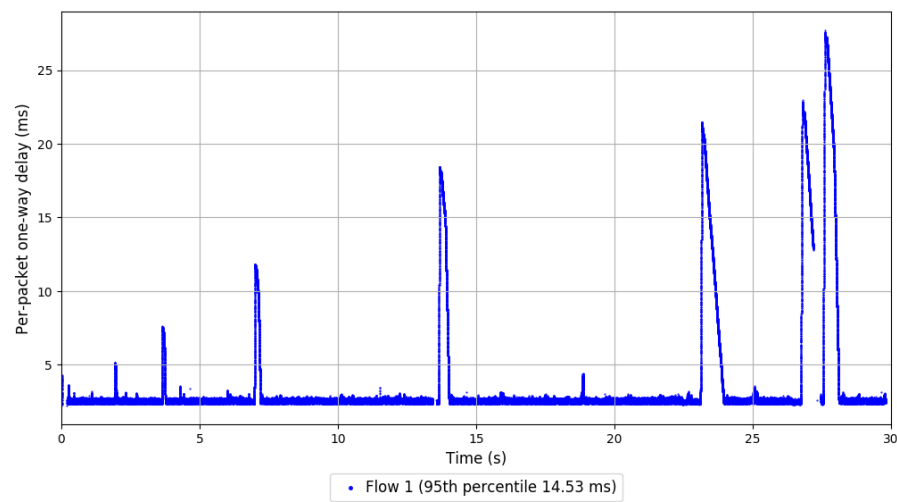
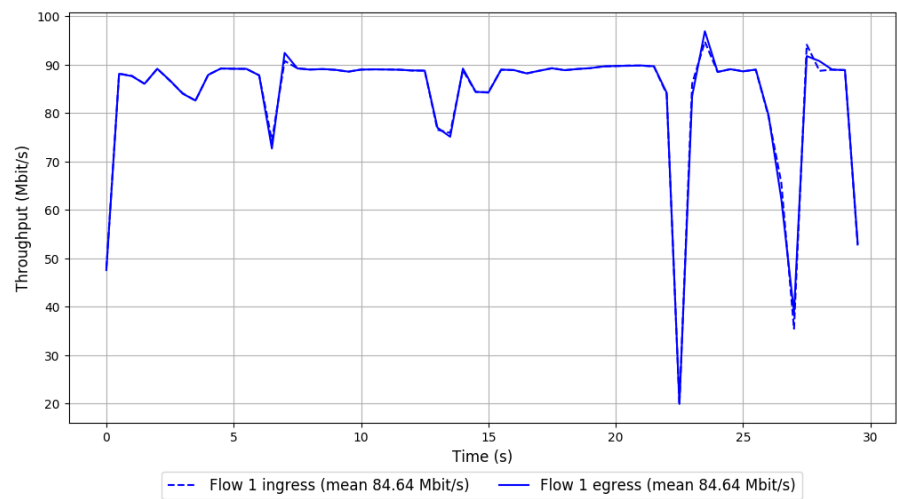
-- Flow 1:

Average throughput: 84.64 Mbit/s

95th percentile per-packet one-way delay: 14.534 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-12-19 23:20:15

End at: 2017-12-19 23:20:45

Local clock offset: 0.092 ms

Remote clock offset: 0.844 ms

Below is generated by plot.py at 2017-12-20 01:28:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.58 Mbit/s

95th percentile per-packet one-way delay: 13.325 ms

Loss rate: 0.00%

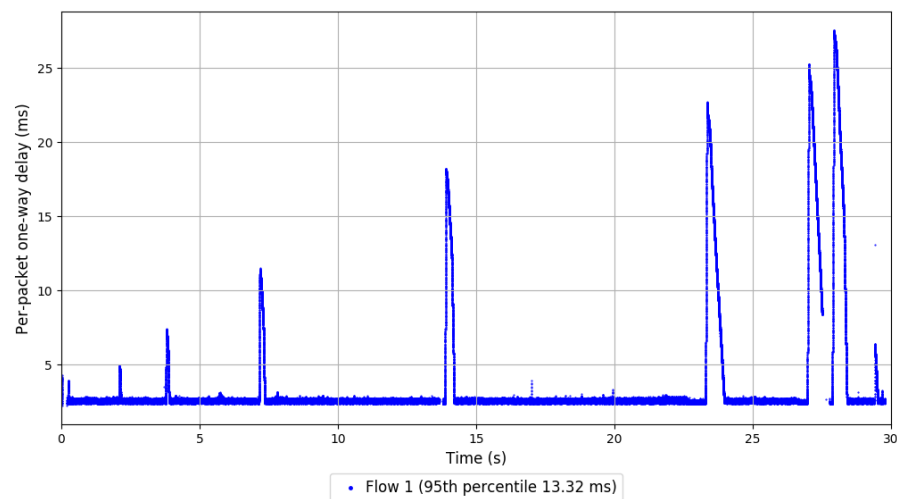
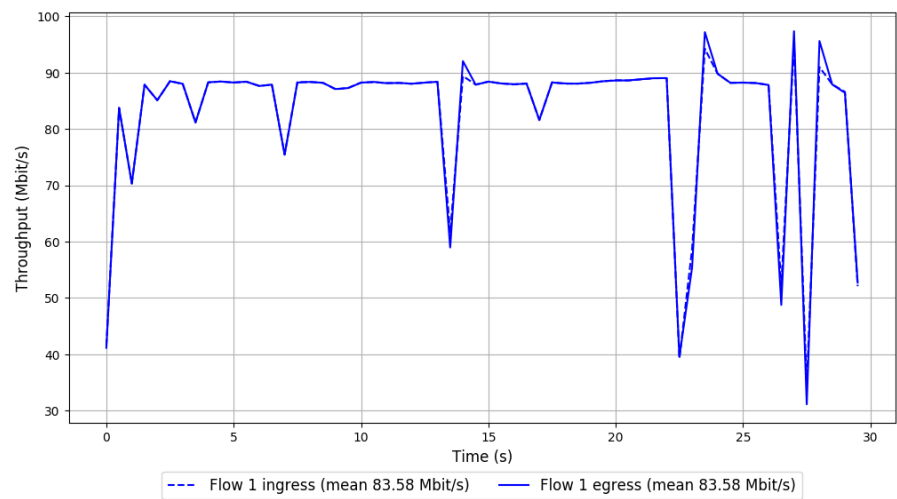
-- Flow 1:

Average throughput: 83.58 Mbit/s

95th percentile per-packet one-way delay: 13.325 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-12-19 23:37:06

End at: 2017-12-19 23:37:37

Local clock offset: 0.172 ms

Remote clock offset: 0.888 ms

Below is generated by plot.py at 2017-12-20 01:28:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.57 Mbit/s

95th percentile per-packet one-way delay: 21.958 ms

Loss rate: 0.06%

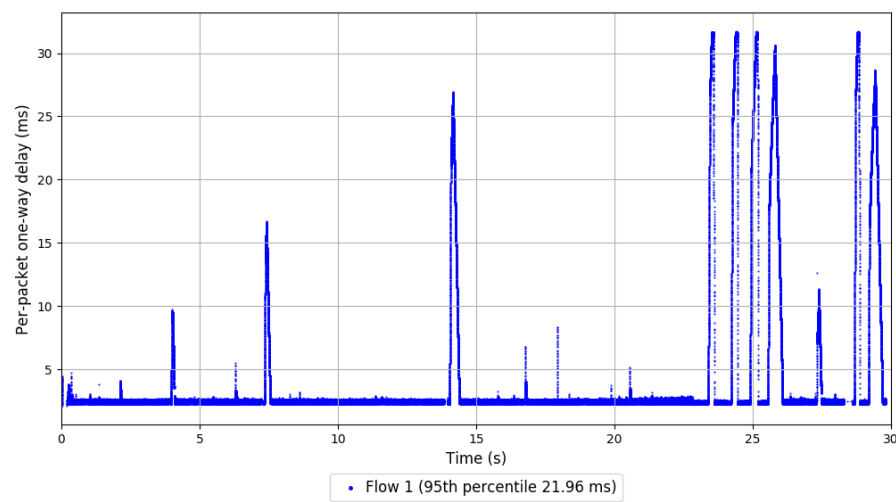
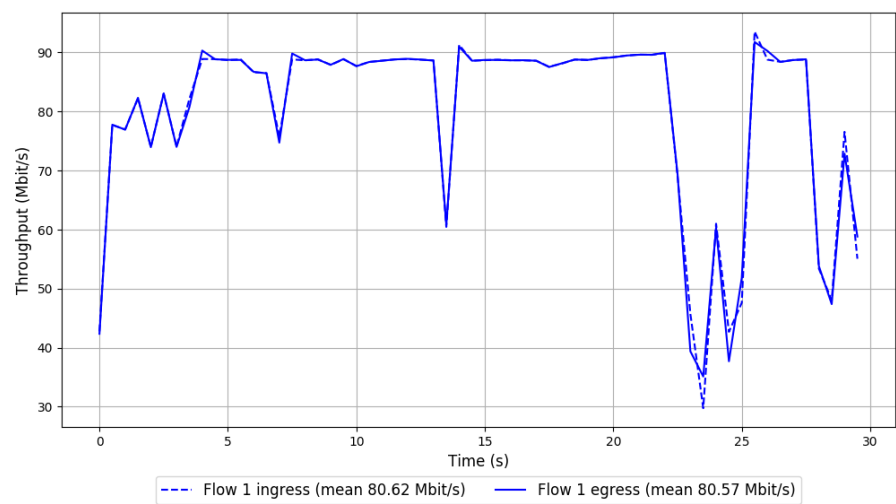
-- Flow 1:

Average throughput: 80.57 Mbit/s

95th percentile per-packet one-way delay: 21.958 ms

Loss rate: 0.06%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-12-19 23:54:07

End at: 2017-12-19 23:54:37

Local clock offset: 0.177 ms

Remote clock offset: 0.861 ms

Below is generated by plot.py at 2017-12-20 01:28:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.73 Mbit/s

95th percentile per-packet one-way delay: 22.244 ms

Loss rate: 0.04%

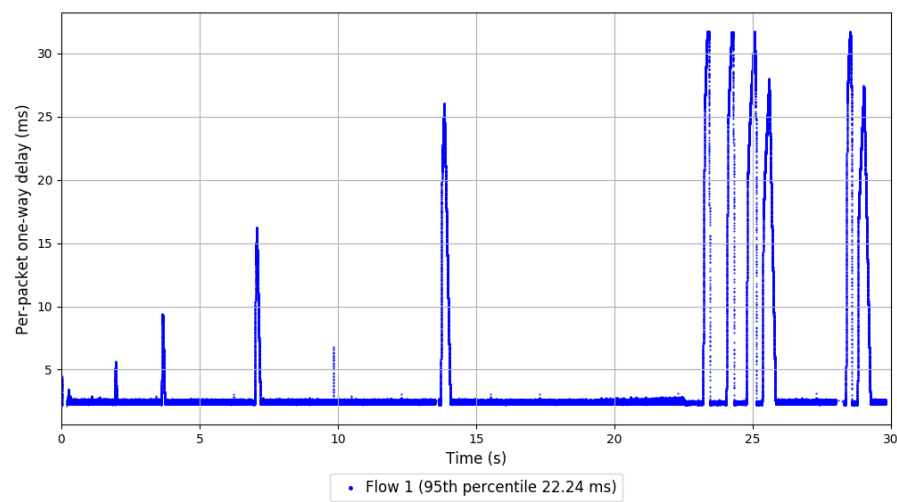
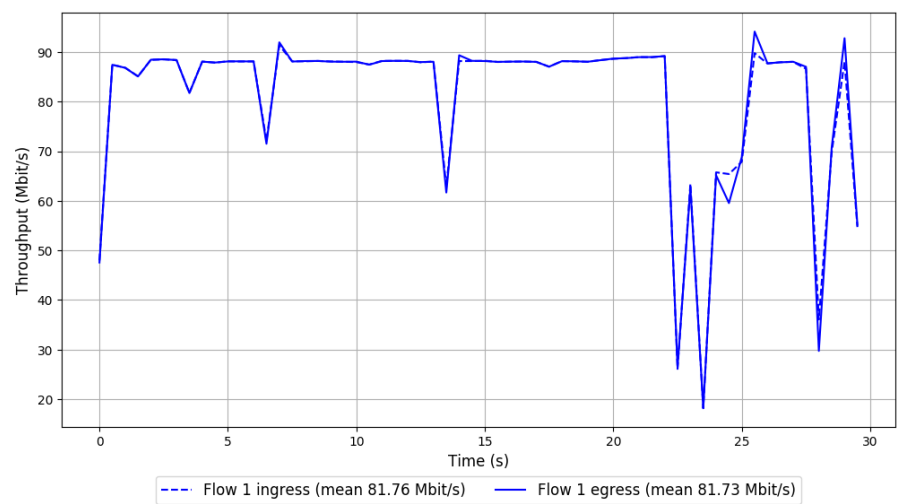
-- Flow 1:

Average throughput: 81.73 Mbit/s

95th percentile per-packet one-way delay: 22.244 ms

Loss rate: 0.04%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-12-20 00:11:07

End at: 2017-12-20 00:11:37

Local clock offset: 0.168 ms

Remote clock offset: 0.802 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.17 Mbit/s

95th percentile per-packet one-way delay: 22.443 ms

Loss rate: 0.06%

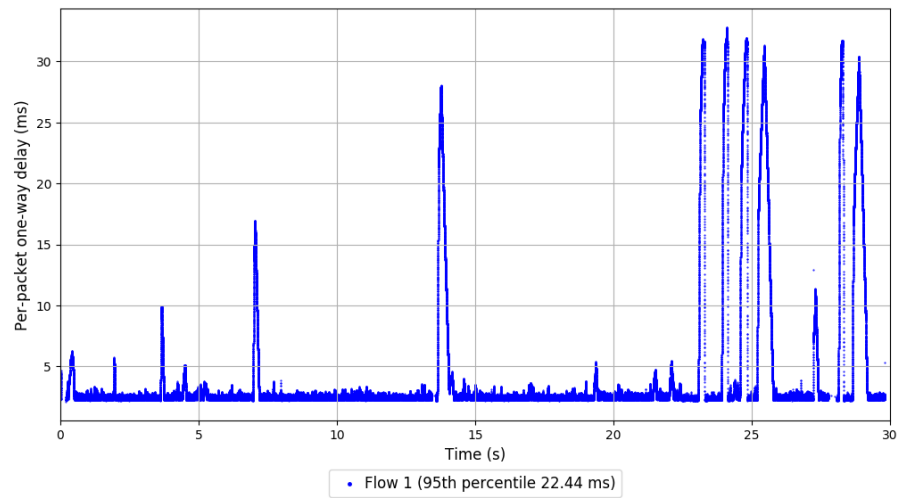
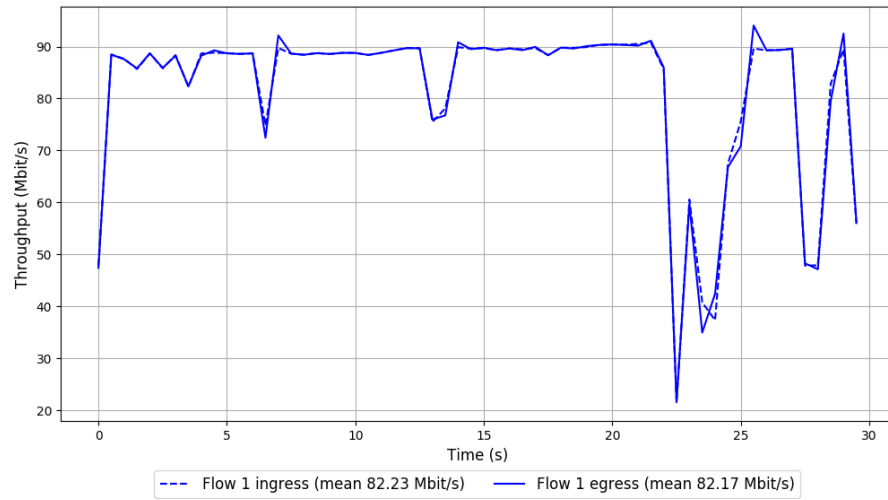
-- Flow 1:

Average throughput: 82.17 Mbit/s

95th percentile per-packet one-way delay: 22.443 ms

Loss rate: 0.06%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-12-20 00:28:07

End at: 2017-12-20 00:28:37

Local clock offset: 0.158 ms

Remote clock offset: 0.718 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.20 Mbit/s

95th percentile per-packet one-way delay: 21.747 ms

Loss rate: 0.06%

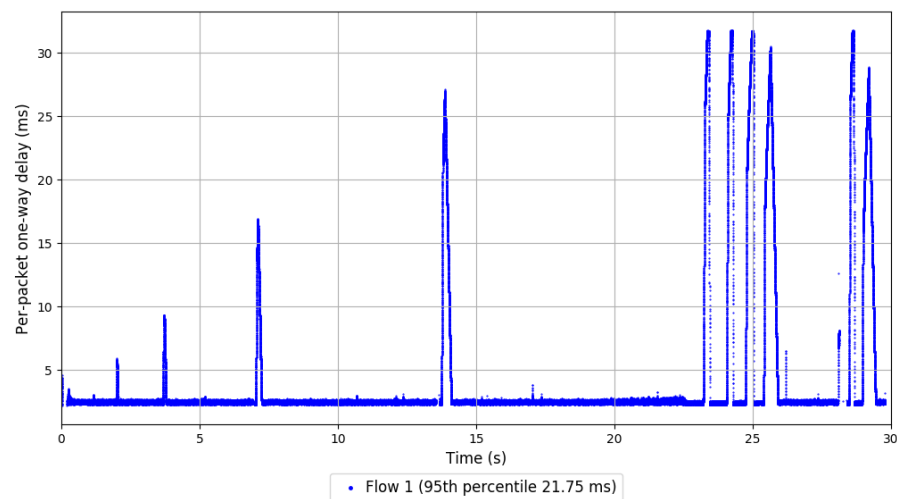
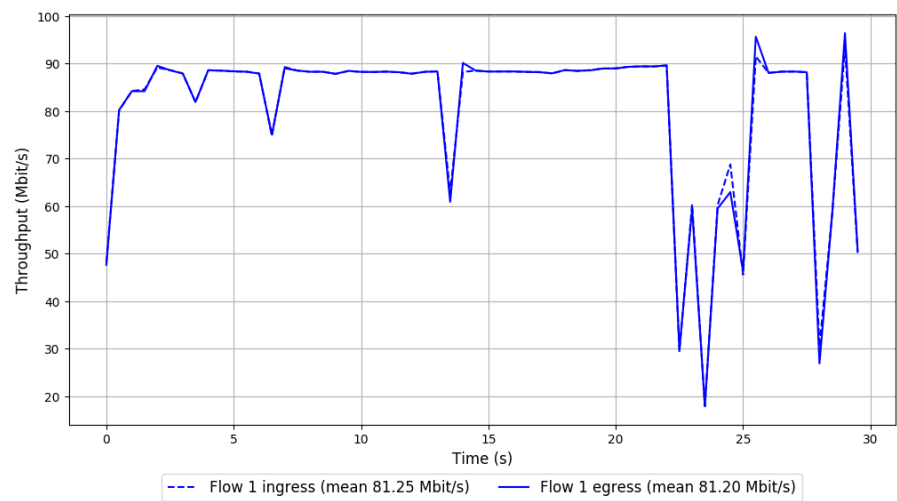
-- Flow 1:

Average throughput: 81.20 Mbit/s

95th percentile per-packet one-way delay: 21.747 ms

Loss rate: 0.06%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-12-20 00:45:12

End at: 2017-12-20 00:45:42

Local clock offset: 0.131 ms

Remote clock offset: 0.407 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.21 Mbit/s

95th percentile per-packet one-way delay: 2.505 ms

Loss rate: 0.00%

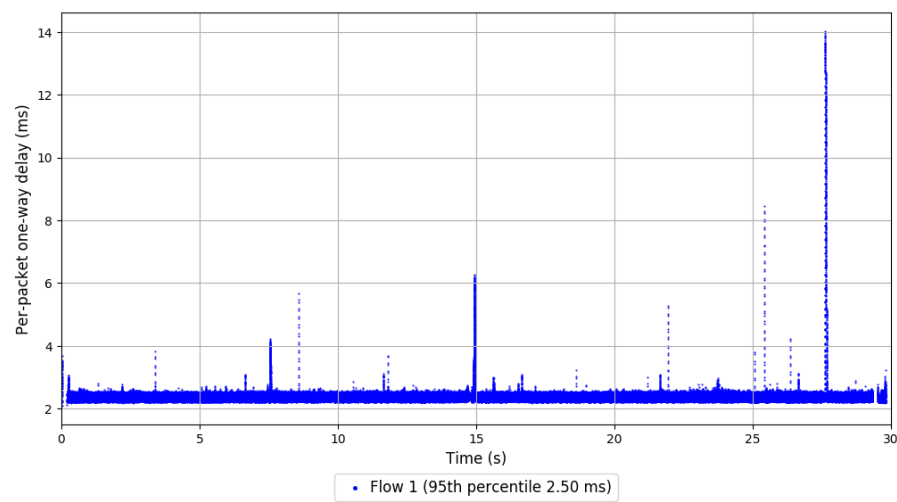
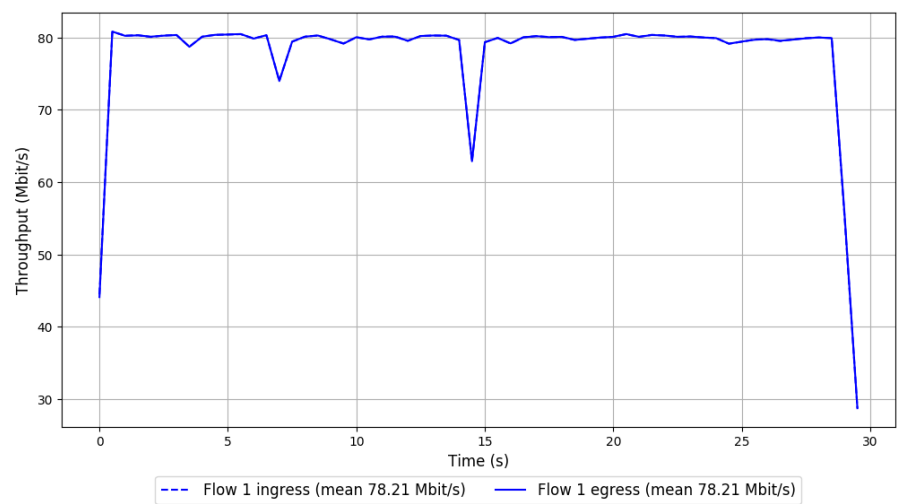
-- Flow 1:

Average throughput: 78.21 Mbit/s

95th percentile per-packet one-way delay: 2.505 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

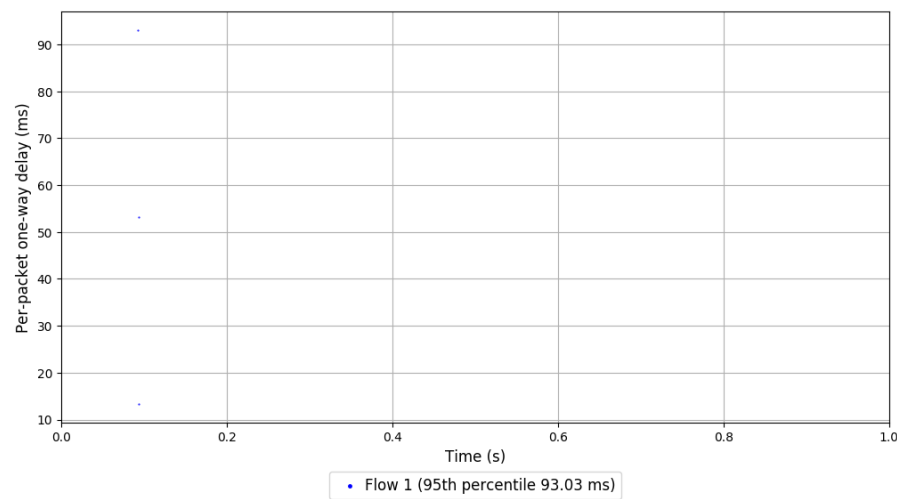
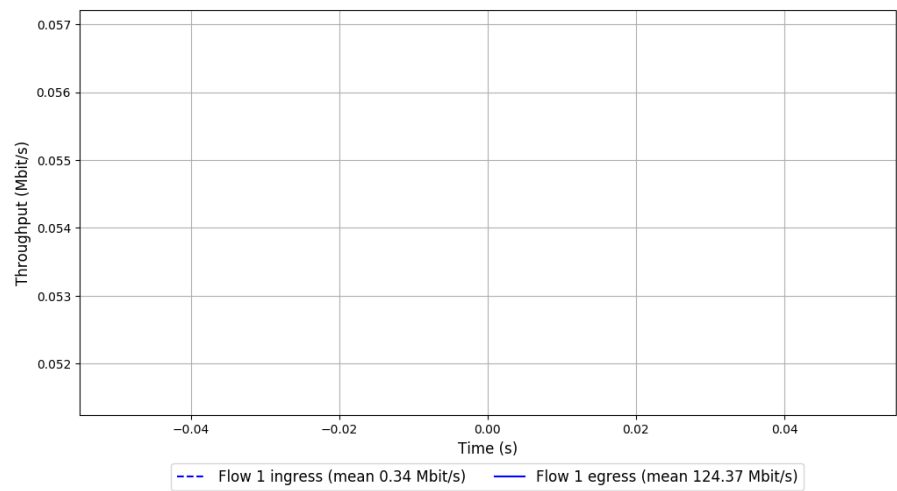
Start at: 2017-12-19 22:13:32

End at: 2017-12-19 22:14:02

Local clock offset: 0.171 ms

Remote clock offset: 0.491 ms

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2017-12-19 22:30:31

End at: 2017-12-19 22:31:01

Local clock offset: 0.158 ms

Remote clock offset: 0.56 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.400 ms

Loss rate: 0.00%

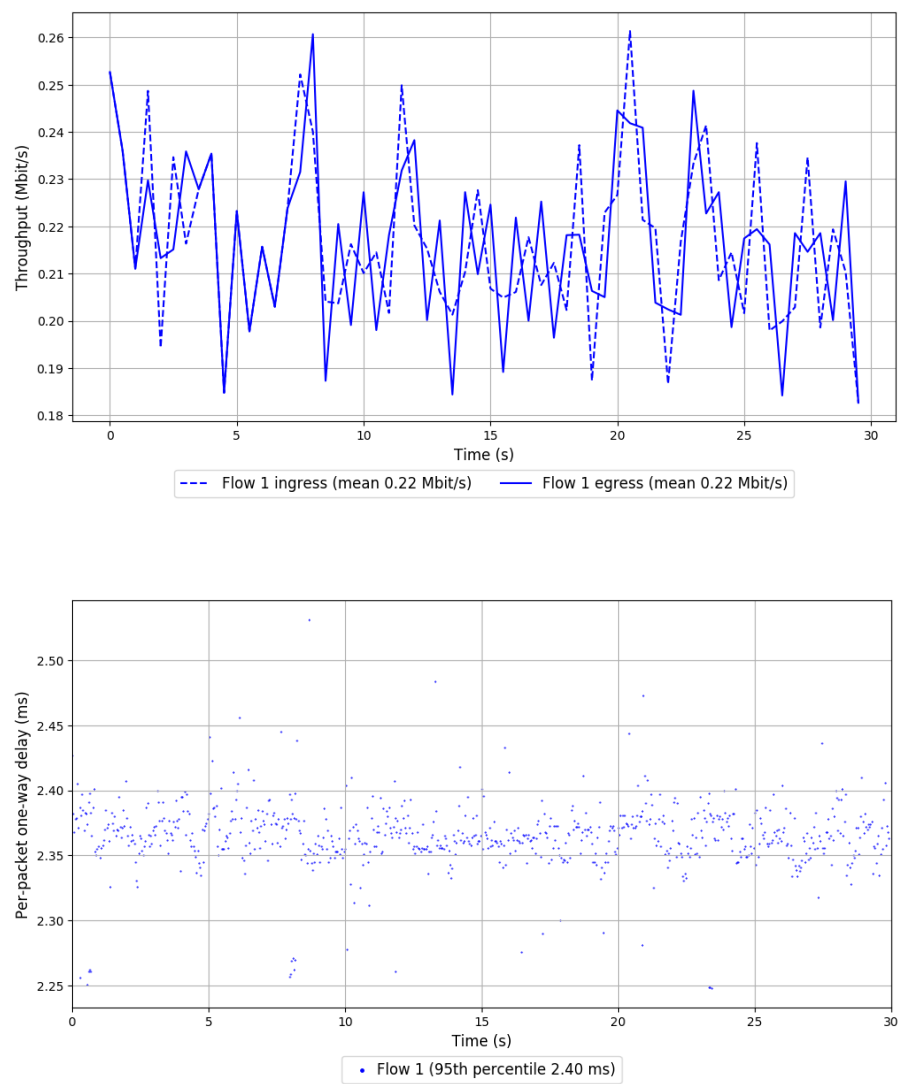
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.400 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2017-12-19 22:47:31

End at: 2017-12-19 22:48:01

Local clock offset: 0.191 ms

Remote clock offset: 0.723 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.462 ms

Loss rate: 0.00%

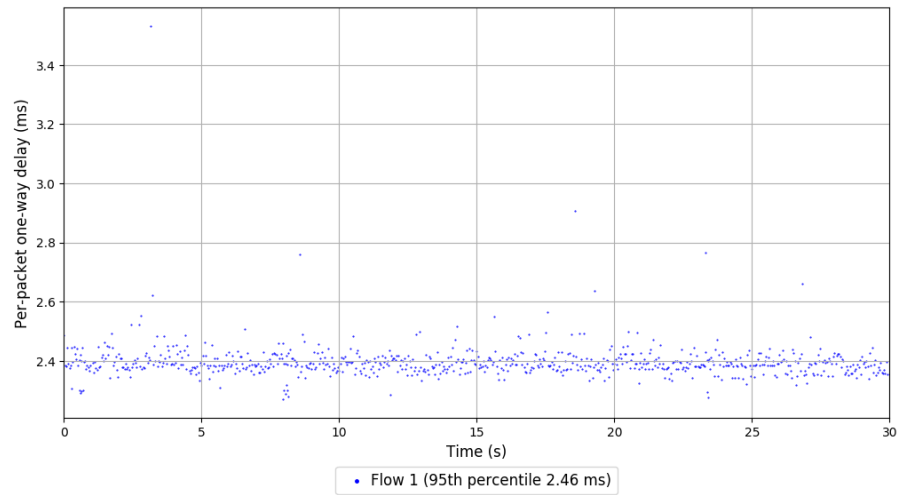
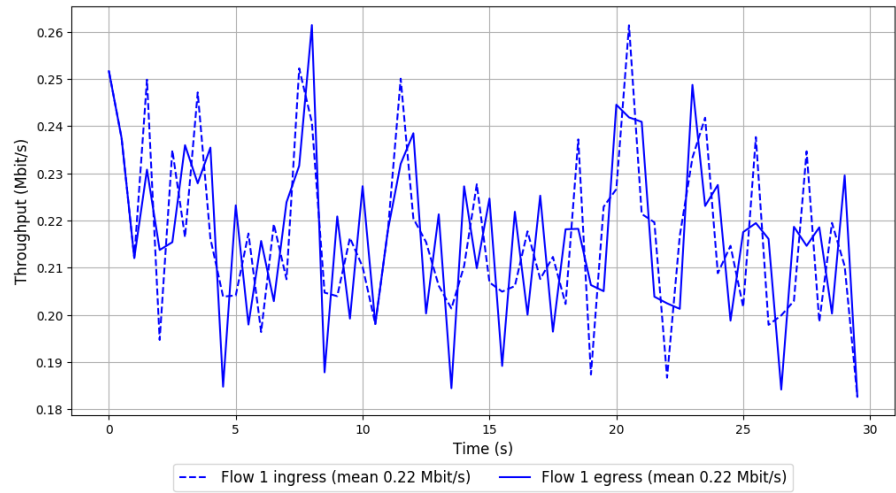
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.462 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2017-12-19 23:04:28

End at: 2017-12-19 23:04:58

Local clock offset: 0.187 ms

Remote clock offset: 0.809 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.363 ms

Loss rate: 0.00%

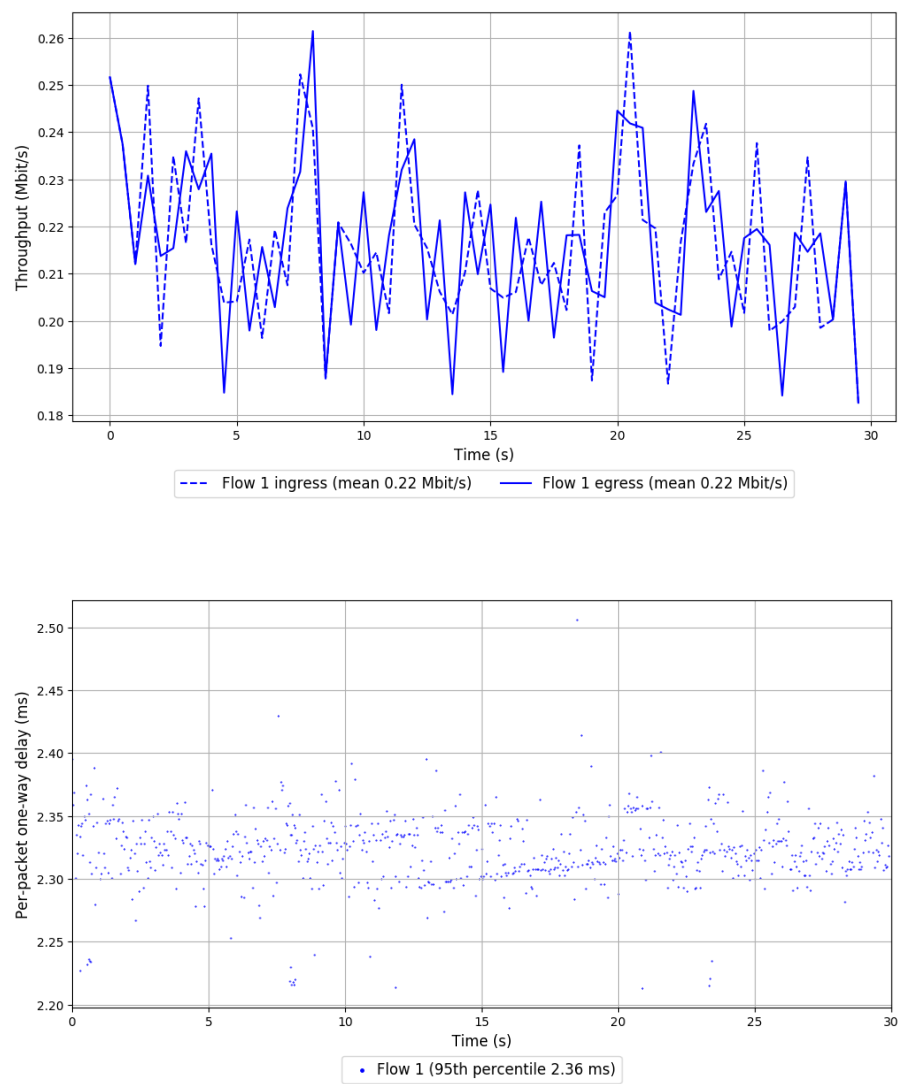
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.363 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2017-12-19 23:21:23

End at: 2017-12-19 23:21:53

Local clock offset: 0.156 ms

Remote clock offset: 0.843 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.369 ms

Loss rate: 0.00%

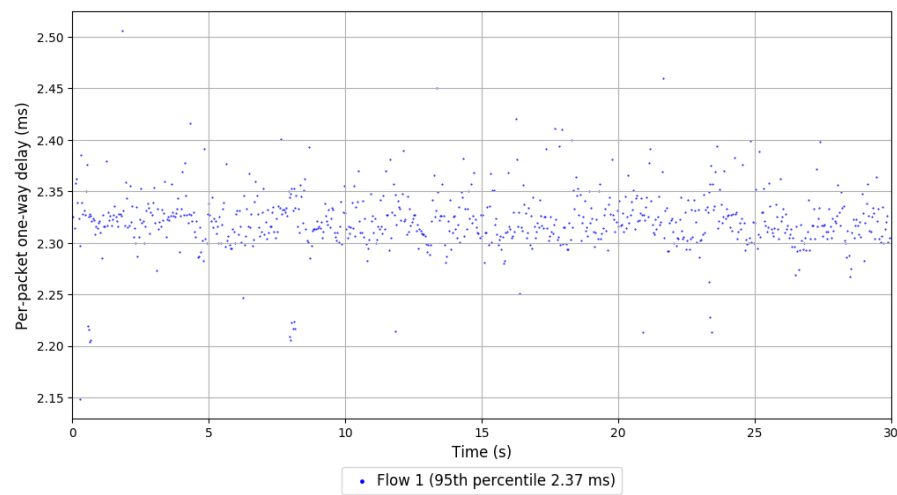
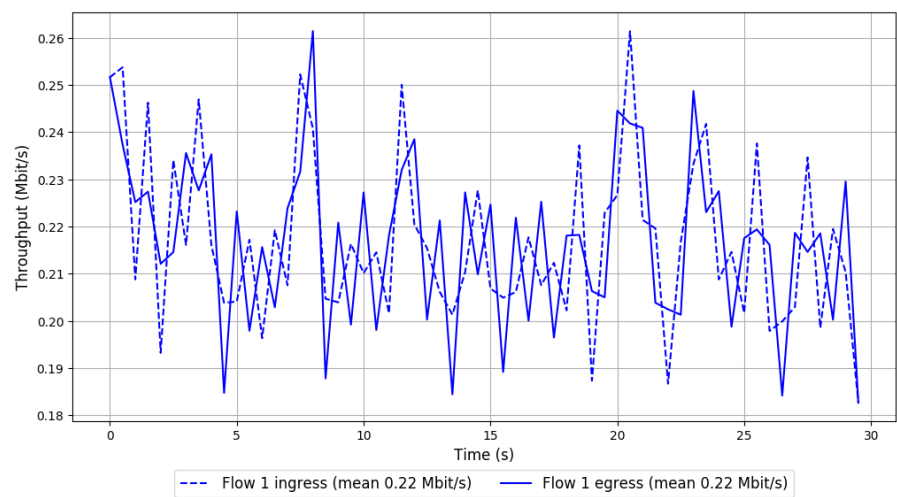
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.369 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-12-19 23:38:14

End at: 2017-12-19 23:38:44

Local clock offset: 0.163 ms

Remote clock offset: 0.846 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.303 ms

Loss rate: 0.00%

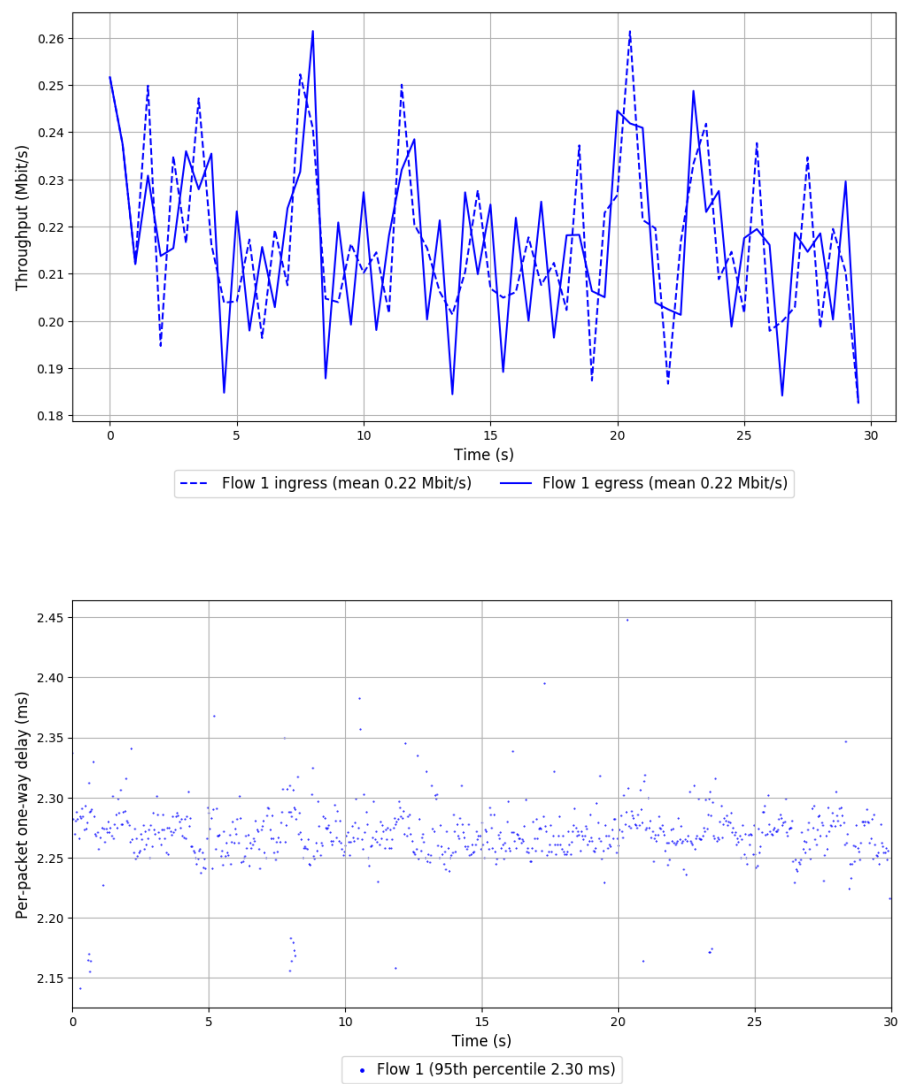
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.303 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2017-12-19 23:55:14

End at: 2017-12-19 23:55:44

Local clock offset: 0.159 ms

Remote clock offset: 0.862 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.378 ms

Loss rate: 0.00%

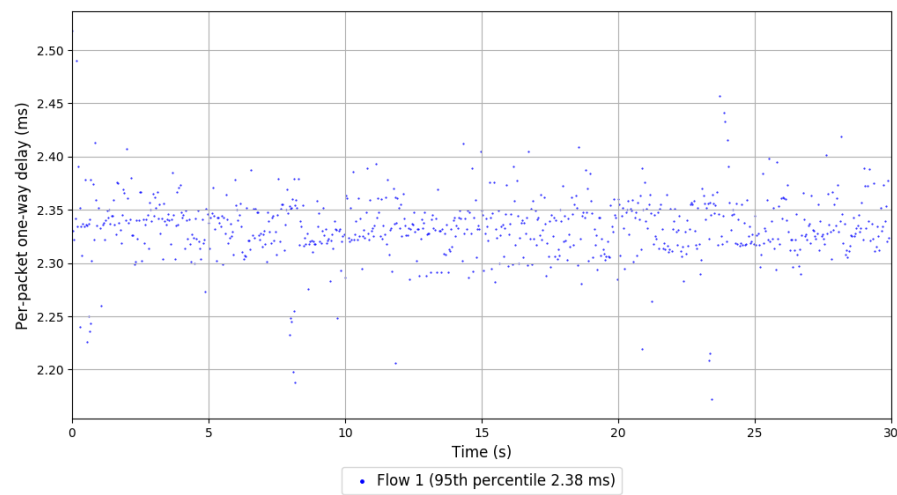
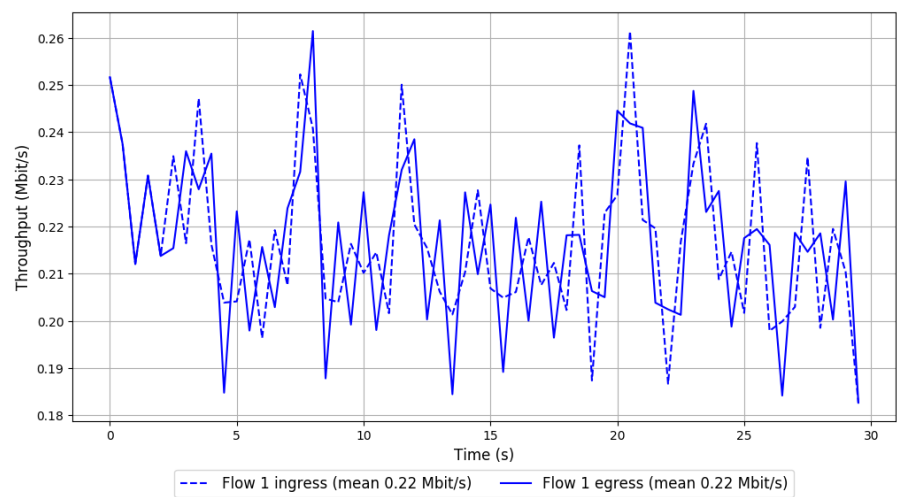
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.378 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2017-12-20 00:12:14

End at: 2017-12-20 00:12:44

Local clock offset: 0.172 ms

Remote clock offset: 0.811 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.302 ms

Loss rate: 0.00%

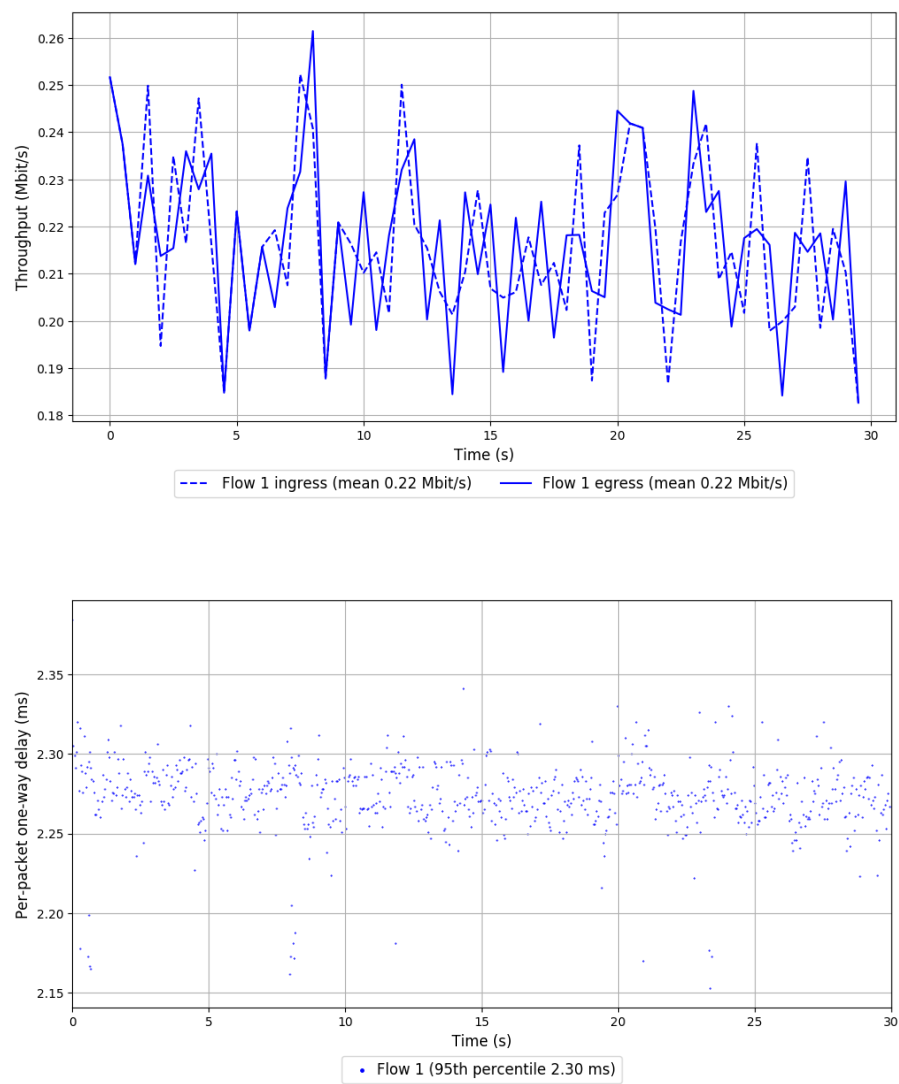
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.302 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2017-12-20 00:29:14

End at: 2017-12-20 00:29:44

Local clock offset: 0.146 ms

Remote clock offset: 0.691 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.364 ms

Loss rate: 0.00%

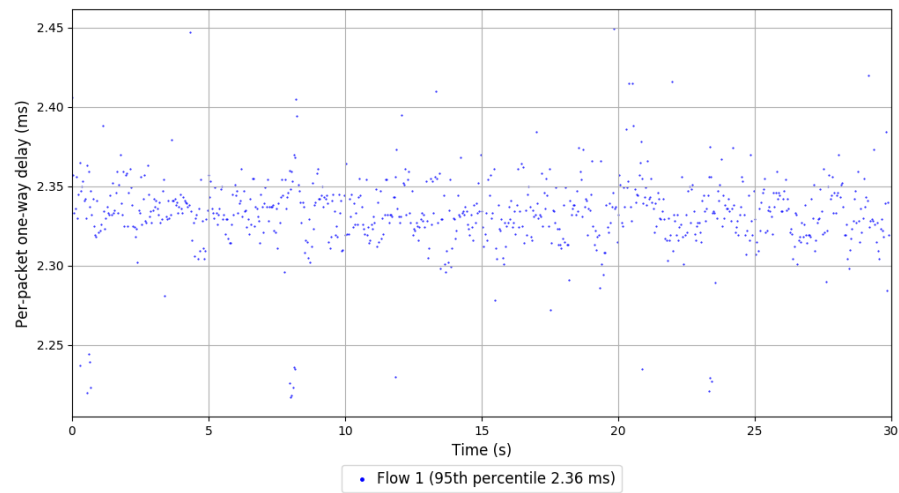
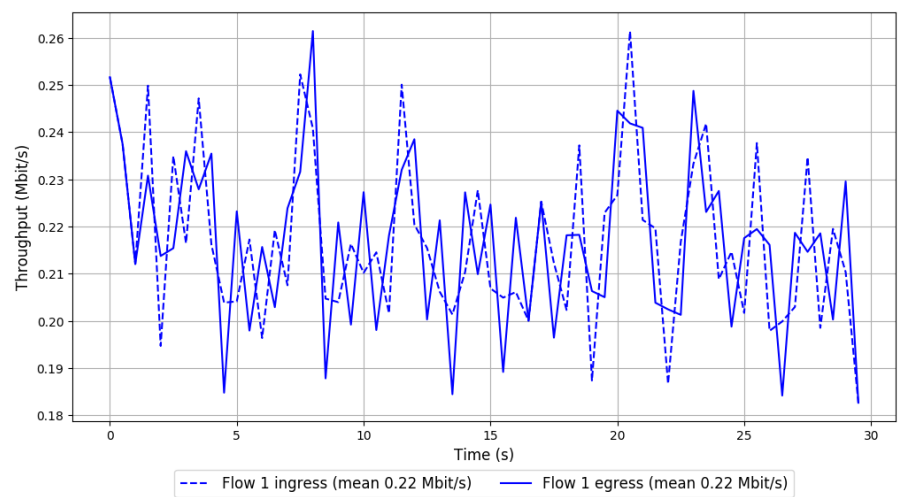
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.364 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2017-12-20 00:46:19

End at: 2017-12-20 00:46:49

Local clock offset: 0.123 ms

Remote clock offset: 0.464 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.474 ms

Loss rate: 0.00%

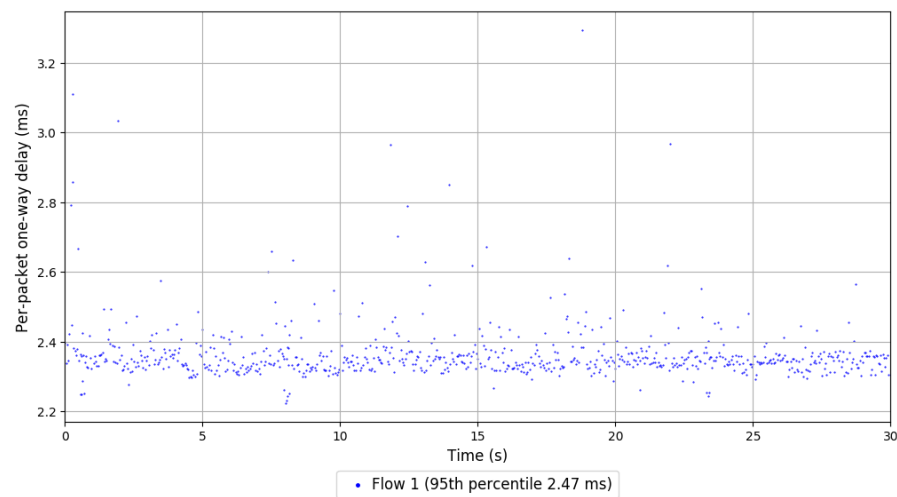
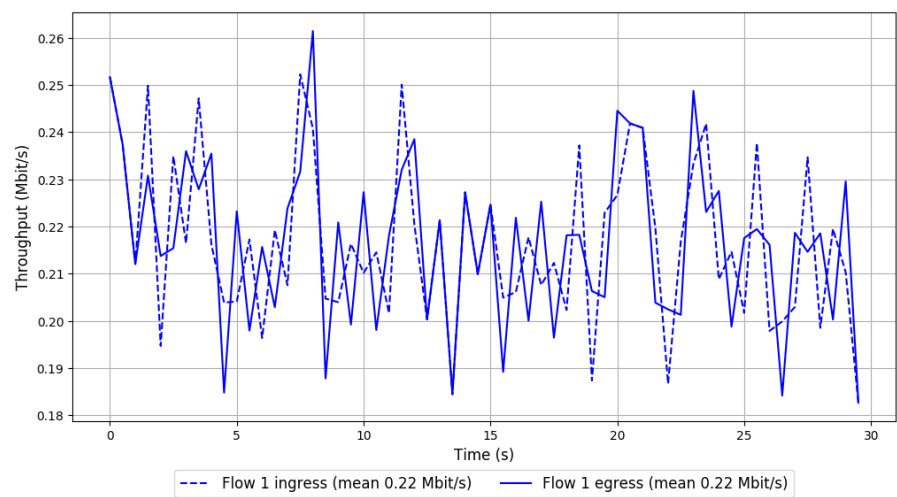
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.474 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-12-19 22:09:04

End at: 2017-12-19 22:09:34

Local clock offset: 0.174 ms

Remote clock offset: 0.412 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.018 ms

Loss rate: 0.00%

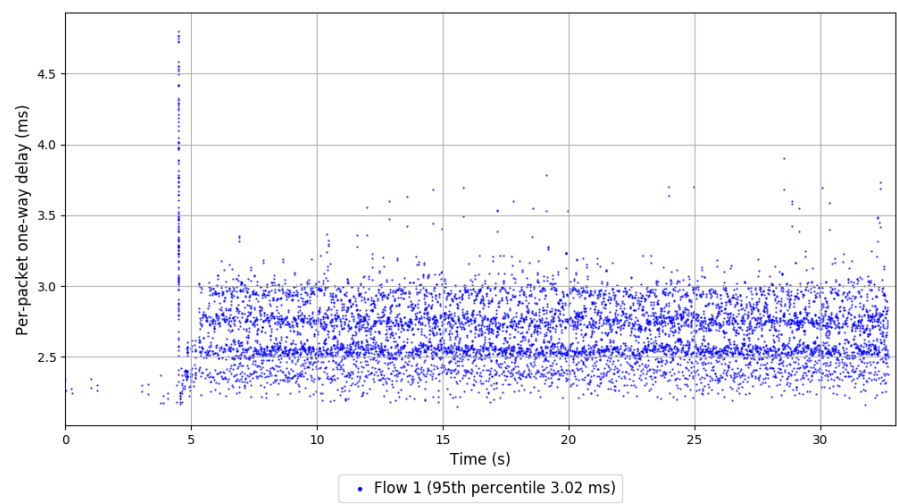
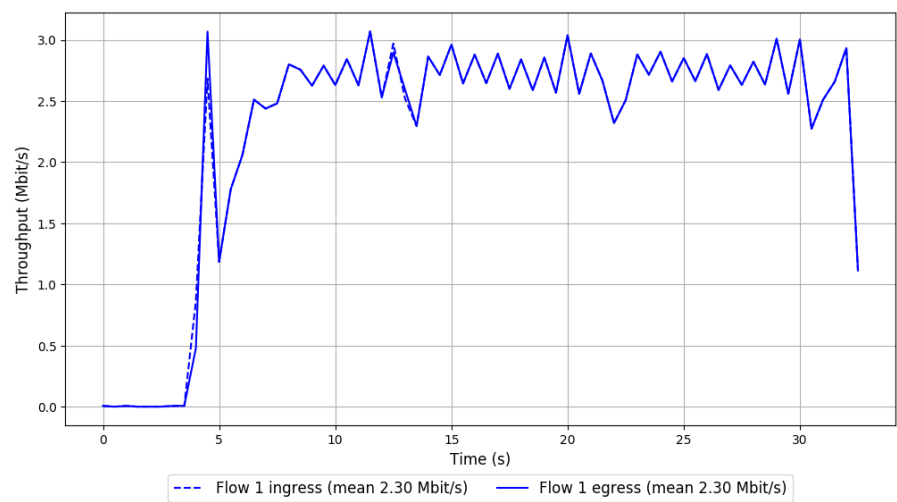
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.018 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2017-12-19 22:25:59

End at: 2017-12-19 22:26:29

Local clock offset: 0.219 ms

Remote clock offset: 0.534 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 3.044 ms

Loss rate: 0.00%

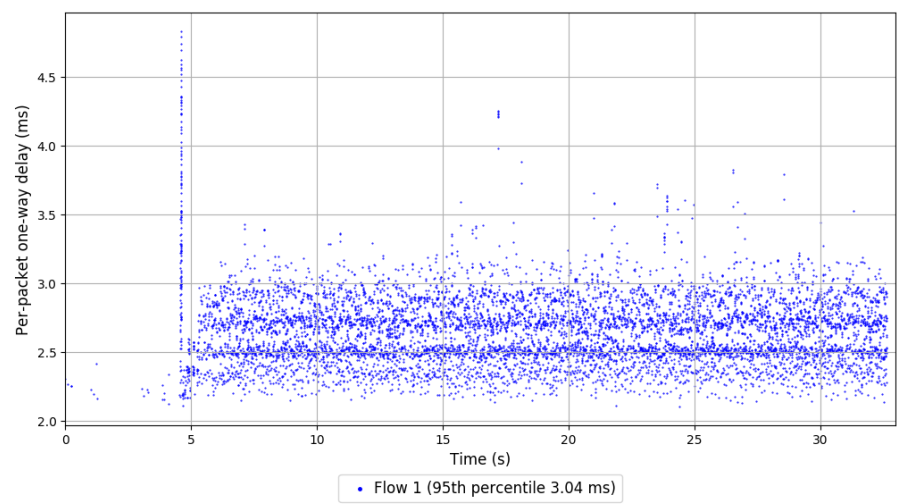
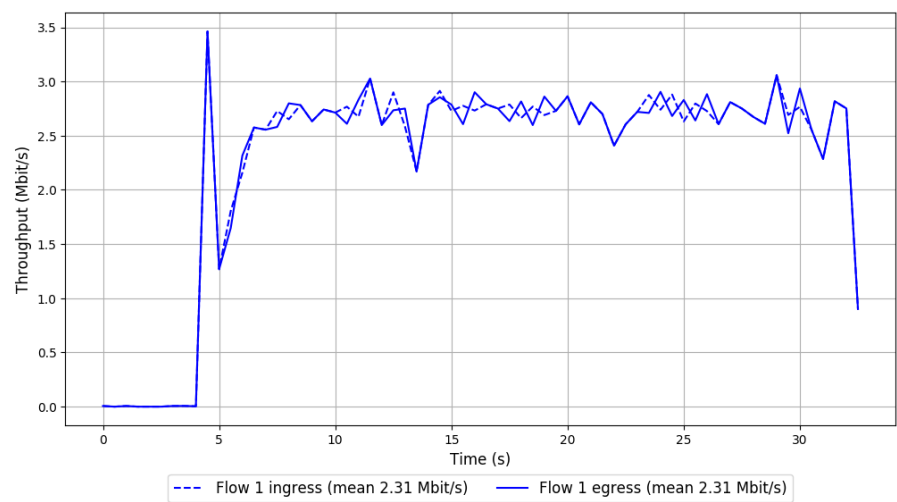
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 3.044 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2017-12-19 22:42:58

End at: 2017-12-19 22:43:28

Local clock offset: 0.241 ms

Remote clock offset: 0.665 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 2.978 ms

Loss rate: 0.00%

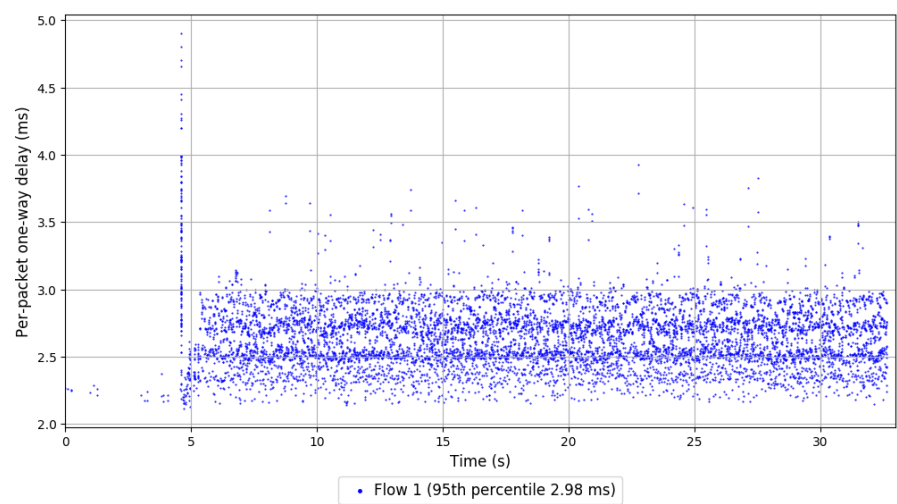
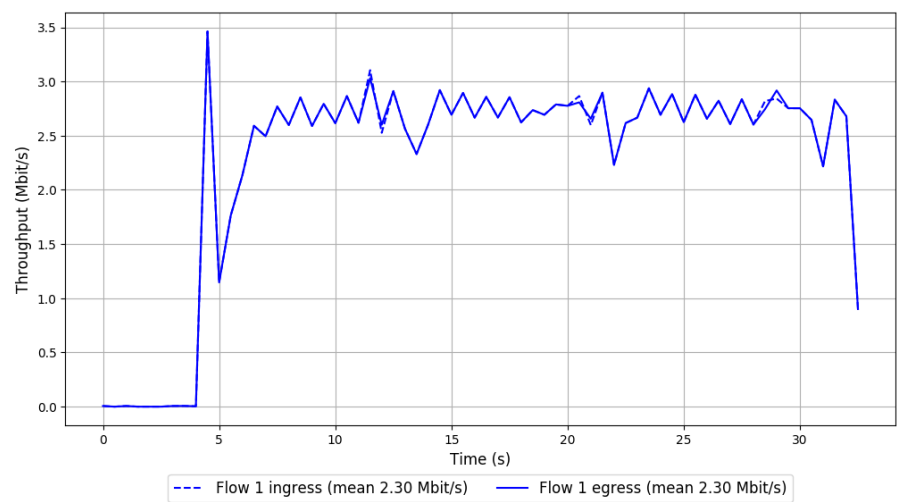
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 2.978 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2017-12-19 22:59:55

End at: 2017-12-19 23:00:25

Local clock offset: 0.142 ms

Remote clock offset: 0.769 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.018 ms

Loss rate: 0.00%

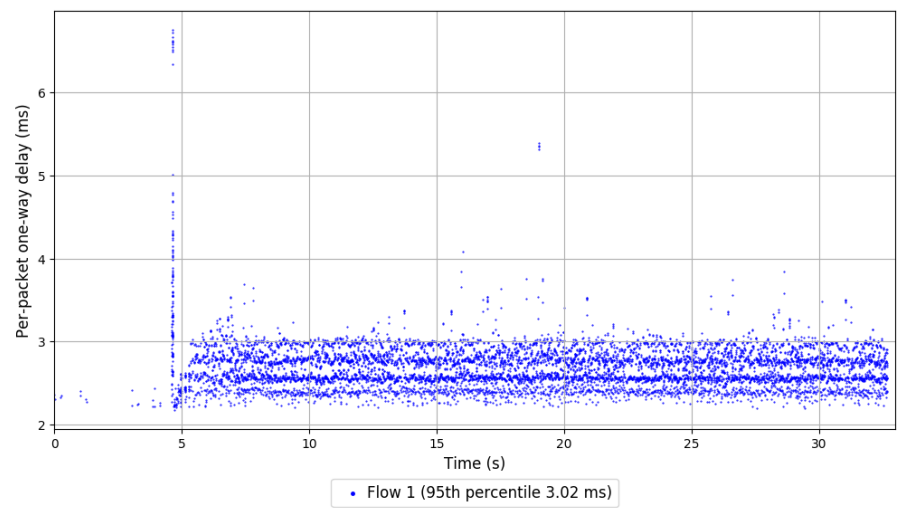
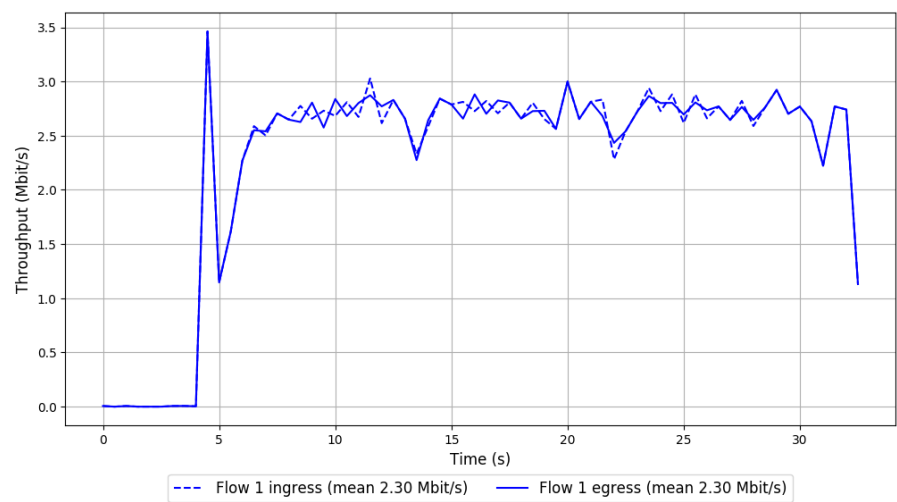
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.018 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-12-19 23:16:53

End at: 2017-12-19 23:17:23

Local clock offset: 0.175 ms

Remote clock offset: 0.831 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 2.966 ms

Loss rate: 0.00%

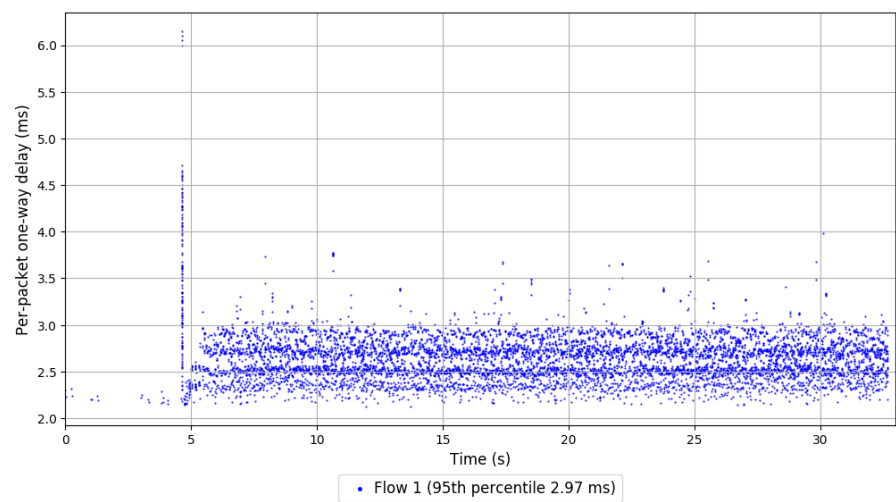
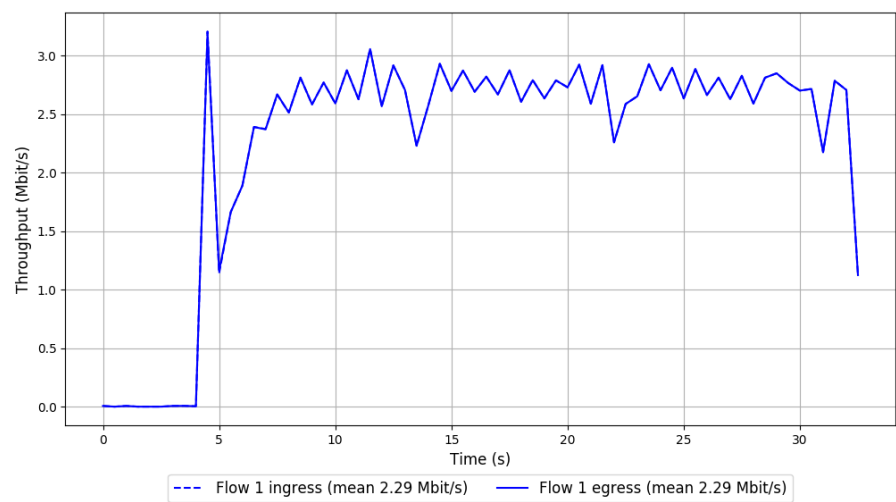
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 2.966 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-12-19 23:33:42

End at: 2017-12-19 23:34:12

Local clock offset: 0.148 ms

Remote clock offset: 0.892 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 3.014 ms

Loss rate: 0.00%

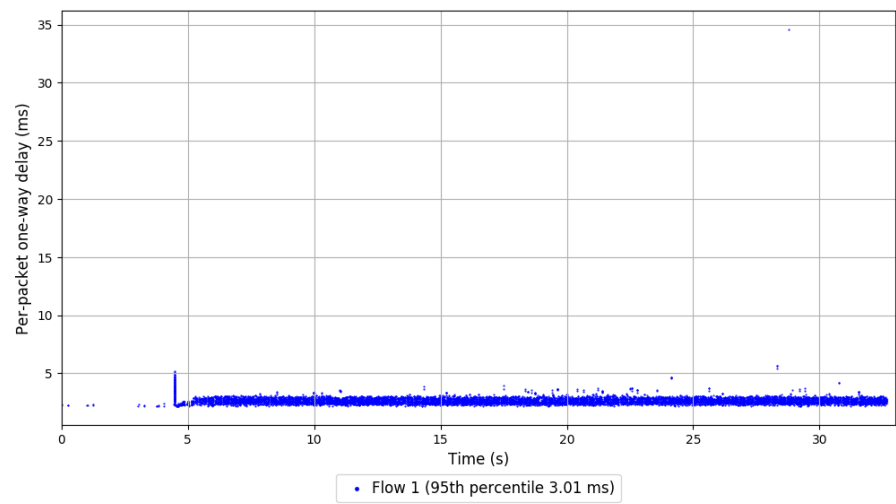
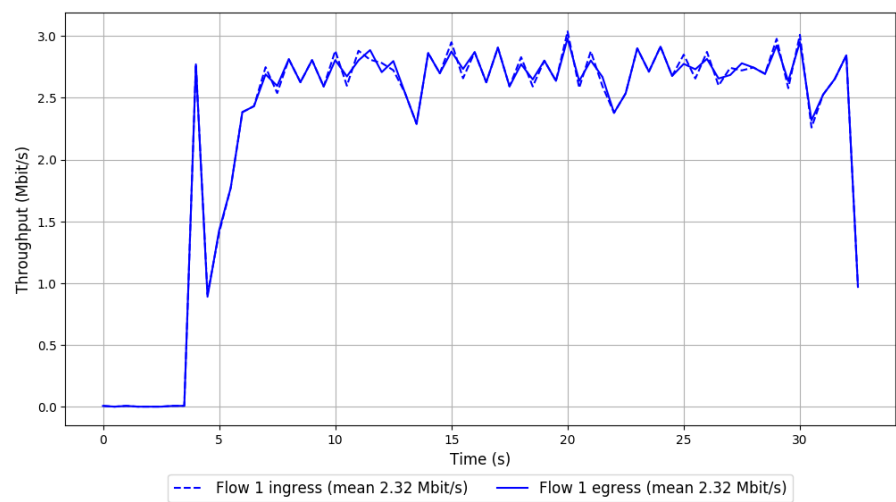
-- Flow 1:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 3.014 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2017-12-19 23:50:42

End at: 2017-12-19 23:51:12

Local clock offset: 0.122 ms

Remote clock offset: 0.871 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 3.052 ms

Loss rate: 0.00%

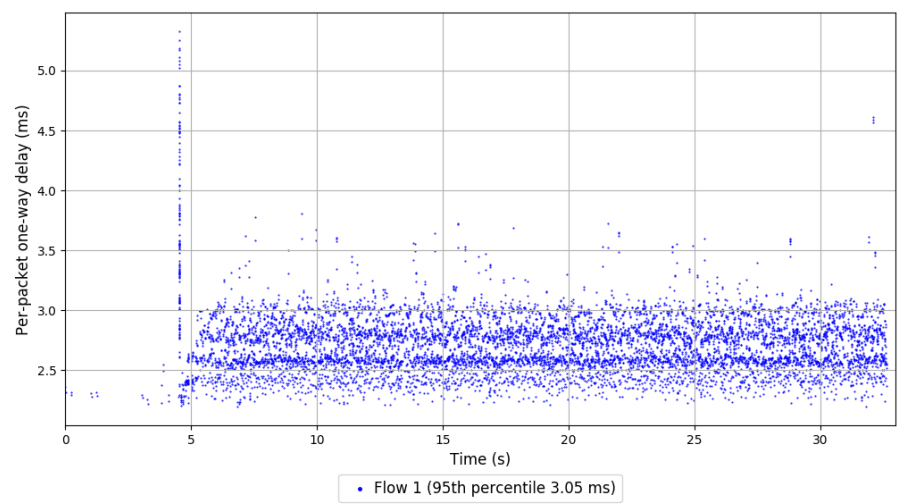
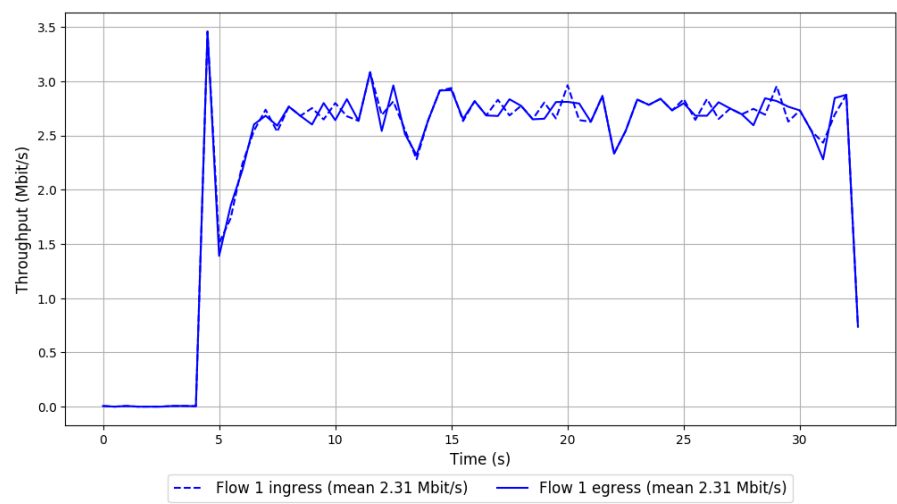
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 3.052 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2017-12-20 00:07:42

End at: 2017-12-20 00:08:12

Local clock offset: 0.166 ms

Remote clock offset: 0.856 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

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

Loss rate: 0.00%

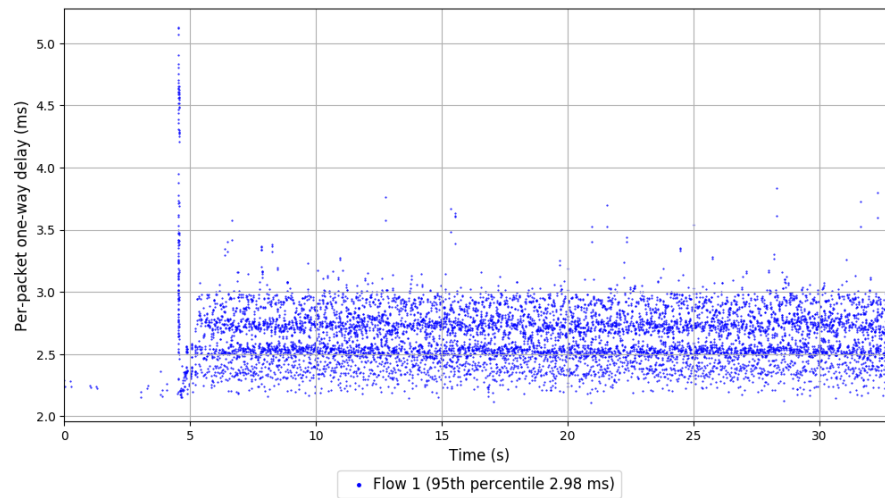
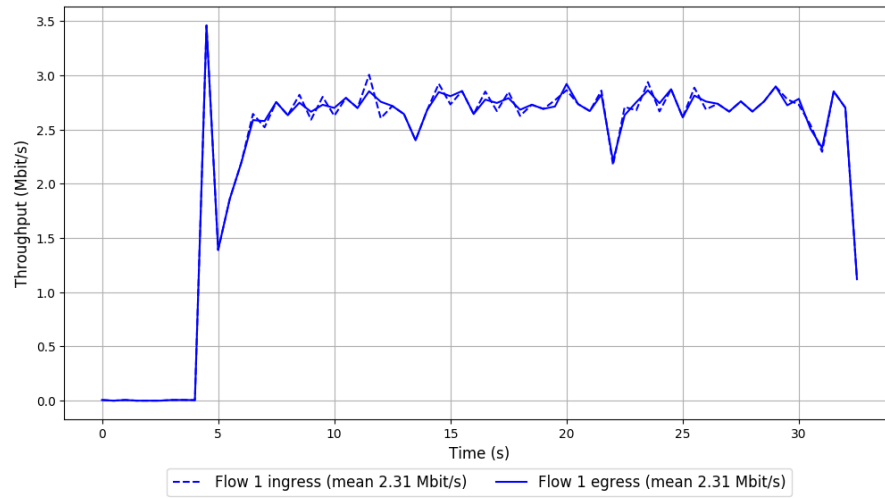
-- Flow 1:

Average throughput: 2.31 Mbit/s

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

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-12-20 00:24:42

End at: 2017-12-20 00:25:12

Local clock offset: 0.175 ms

Remote clock offset: 0.737 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 2.942 ms

Loss rate: 0.00%

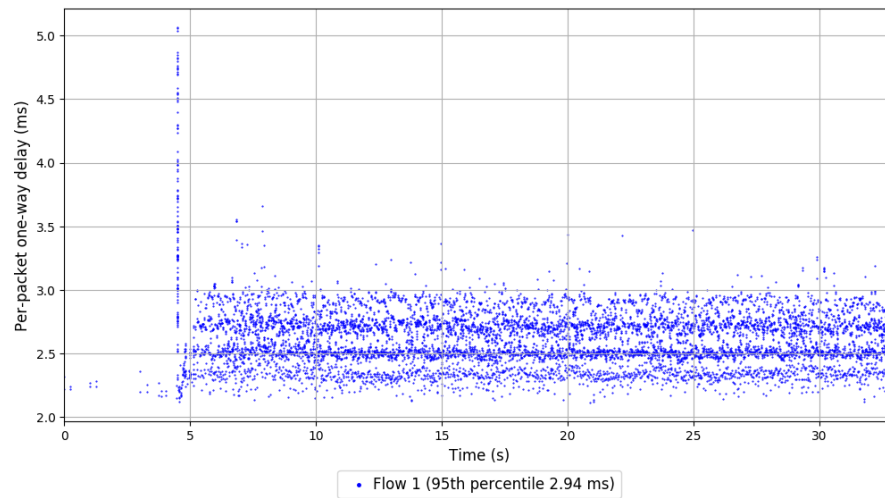
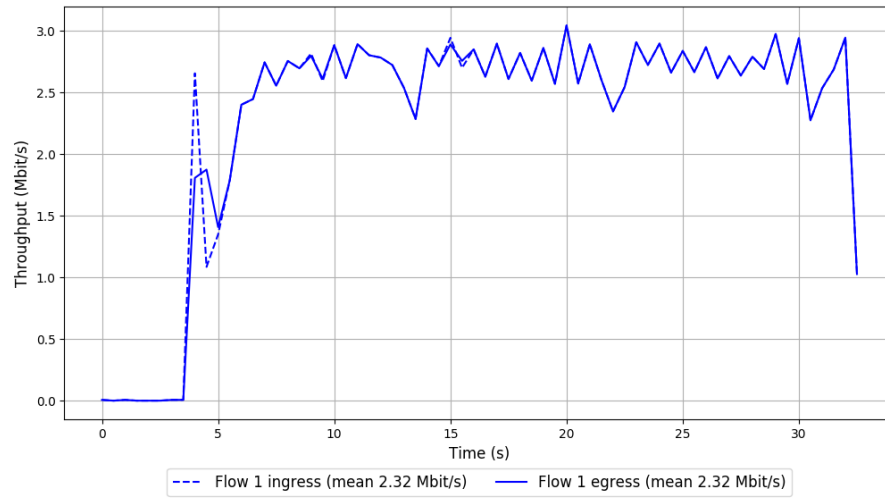
-- Flow 1:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 2.942 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-12-20 00:41:42

End at: 2017-12-20 00:42:12

Local clock offset: 0.125 ms

Remote clock offset: 0.529 ms

Below is generated by plot.py at 2017-12-20 01:28:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 29.922 ms

Loss rate: 0.00%

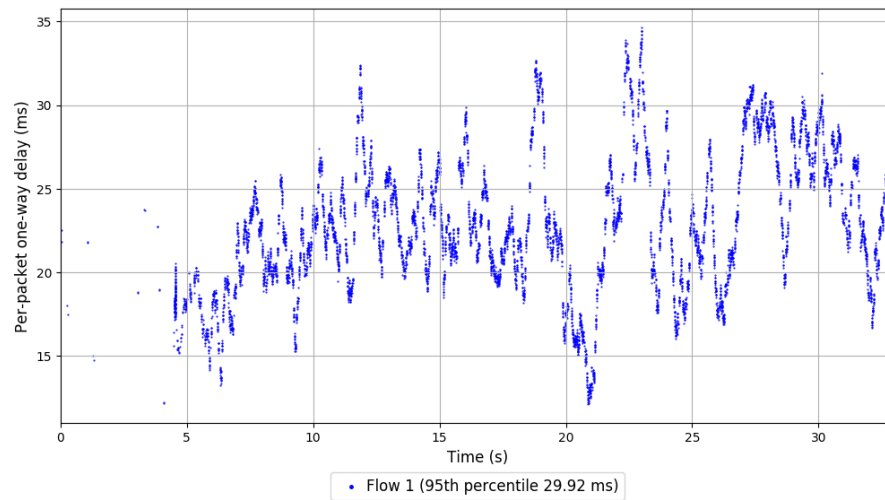
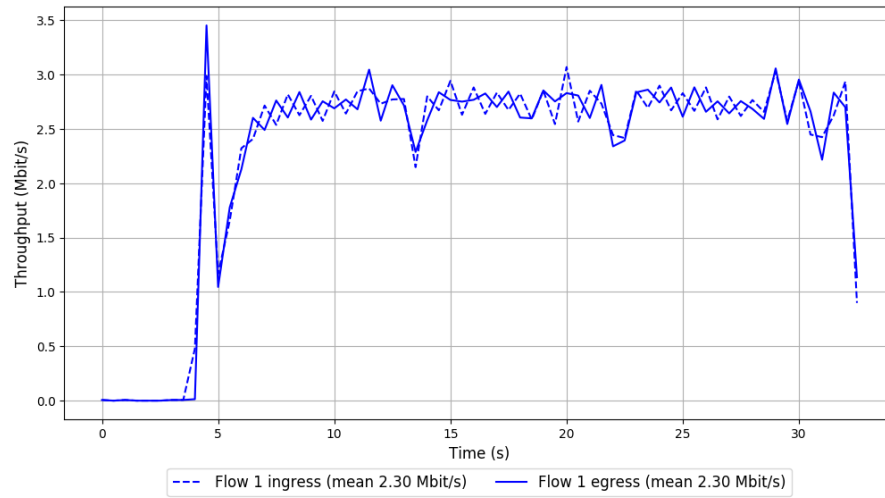
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 29.922 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2017-12-19 22:15:47

End at: 2017-12-19 22:16:17

Local clock offset: 0.222 ms

Remote clock offset: 0.493 ms

Below is generated by plot.py at 2017-12-20 01:29:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.24 Mbit/s

95th percentile per-packet one-way delay: 11.861 ms

Loss rate: 0.00%

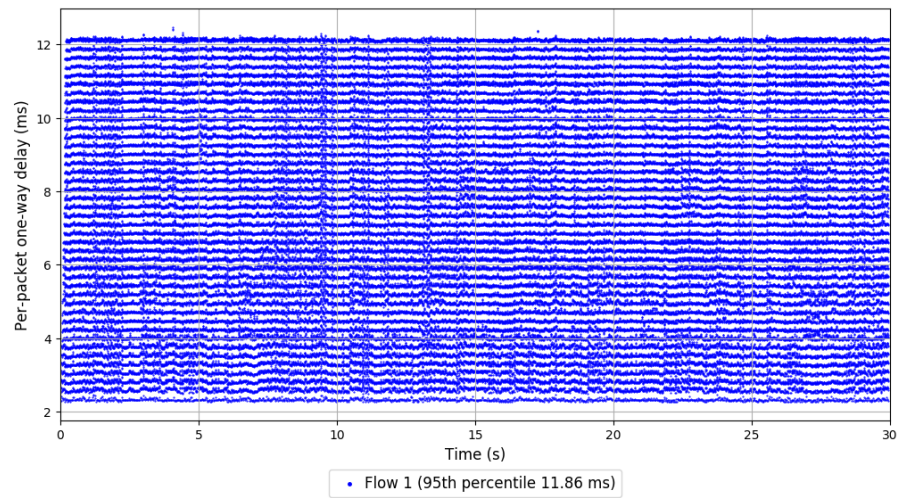
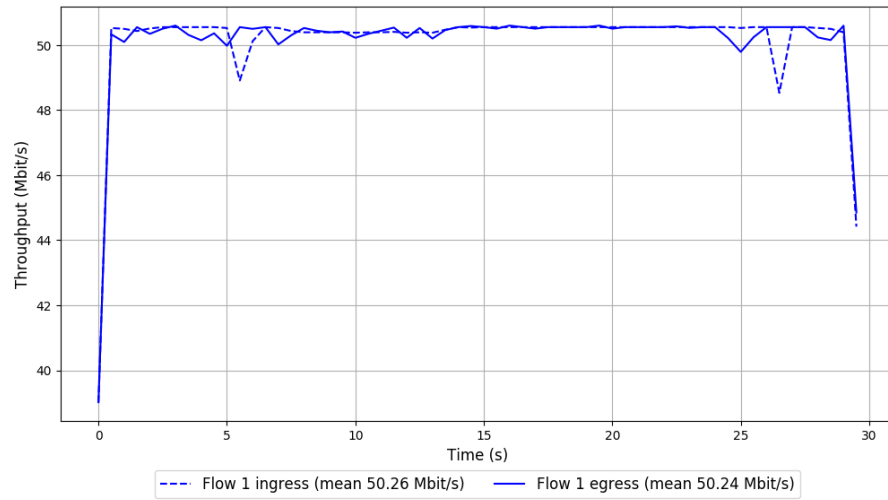
-- Flow 1:

Average throughput: 50.24 Mbit/s

95th percentile per-packet one-way delay: 11.861 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2017-12-19 22:32:46

End at: 2017-12-19 22:33:16

Local clock offset: 0.209 ms

Remote clock offset: 0.519 ms

Below is generated by plot.py at 2017-12-20 01:29:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.38 Mbit/s

95th percentile per-packet one-way delay: 26.607 ms

Loss rate: 0.00%

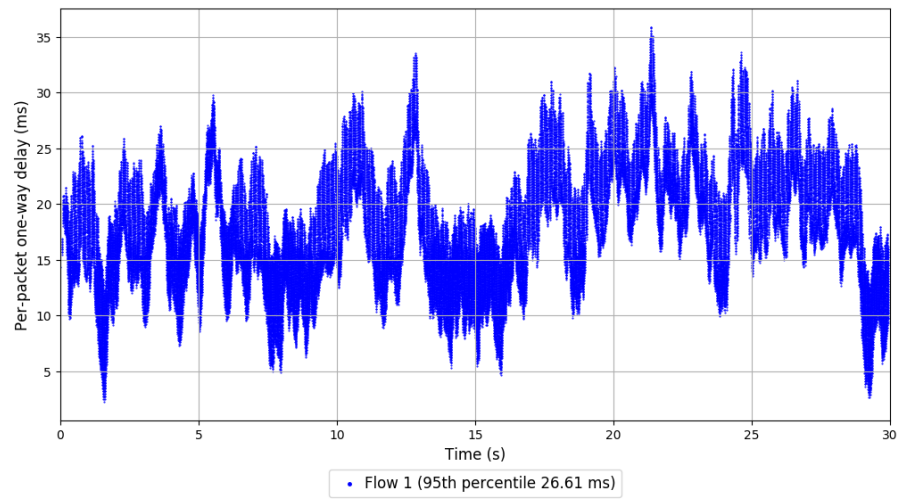
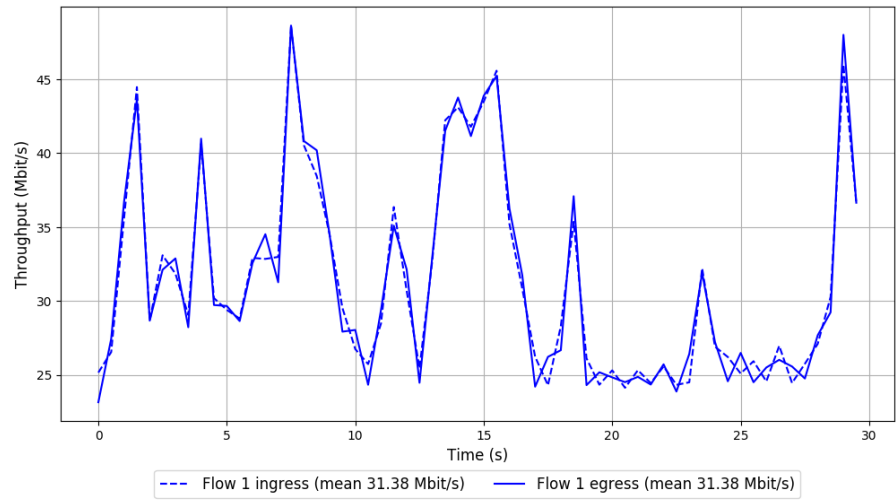
-- Flow 1:

Average throughput: 31.38 Mbit/s

95th percentile per-packet one-way delay: 26.607 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2017-12-19 22:49:45

End at: 2017-12-19 22:50:15

Local clock offset: 0.227 ms

Remote clock offset: 0.651 ms

Below is generated by plot.py at 2017-12-20 01:29:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.31 Mbit/s

95th percentile per-packet one-way delay: 11.846 ms

Loss rate: 0.00%

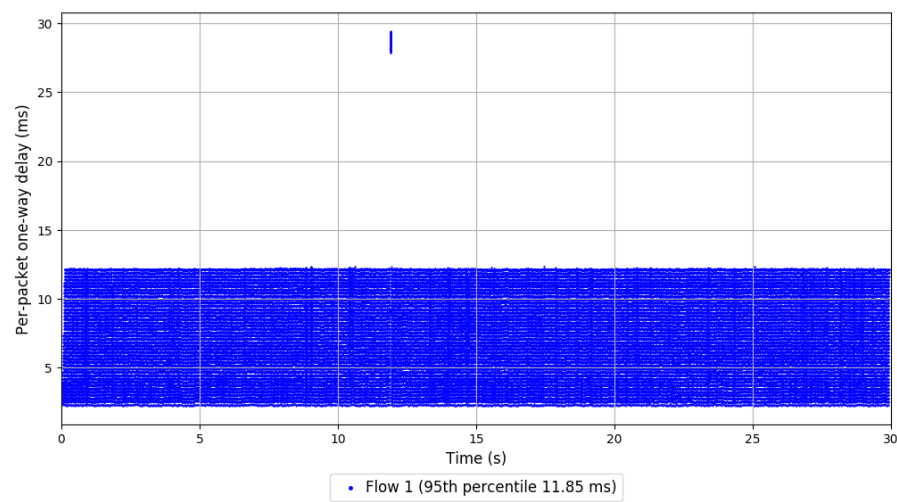
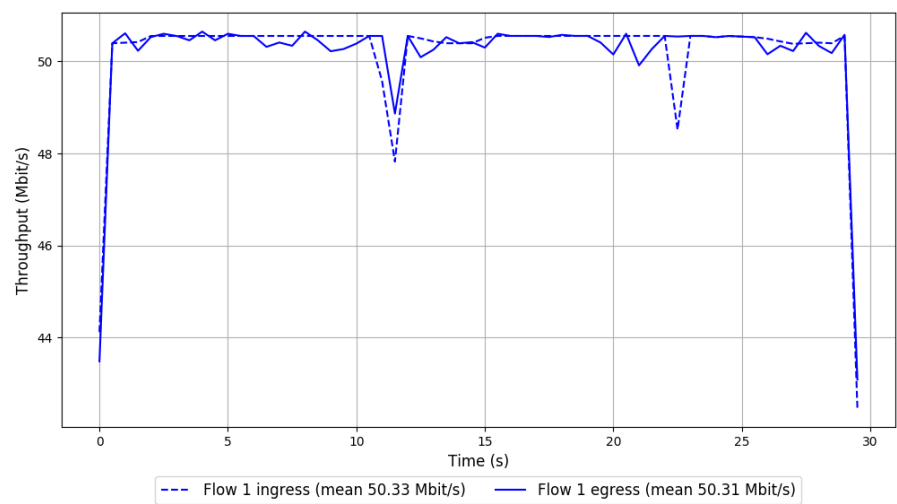
-- Flow 1:

Average throughput: 50.31 Mbit/s

95th percentile per-packet one-way delay: 11.846 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2017-12-19 23:06:40

End at: 2017-12-19 23:07:10

Local clock offset: 0.177 ms

Remote clock offset: 0.812 ms

Below is generated by plot.py at 2017-12-20 01:29:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.24 Mbit/s

95th percentile per-packet one-way delay: 11.865 ms

Loss rate: 0.01%

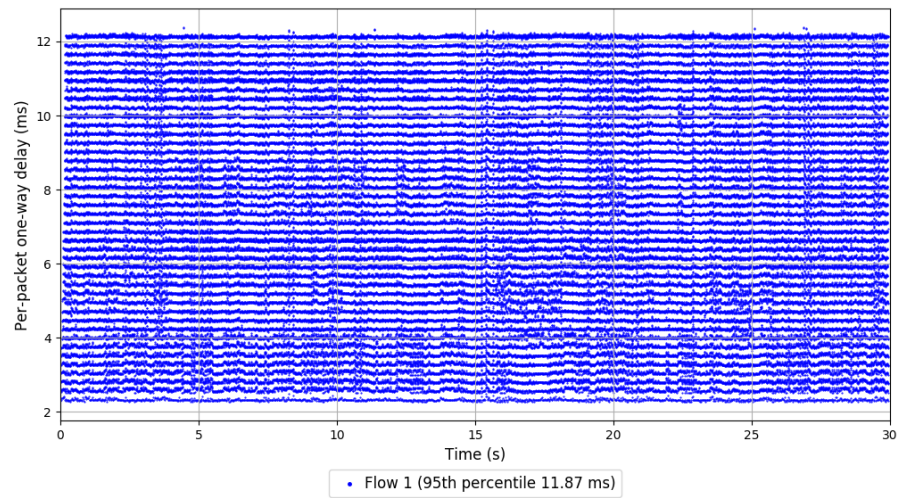
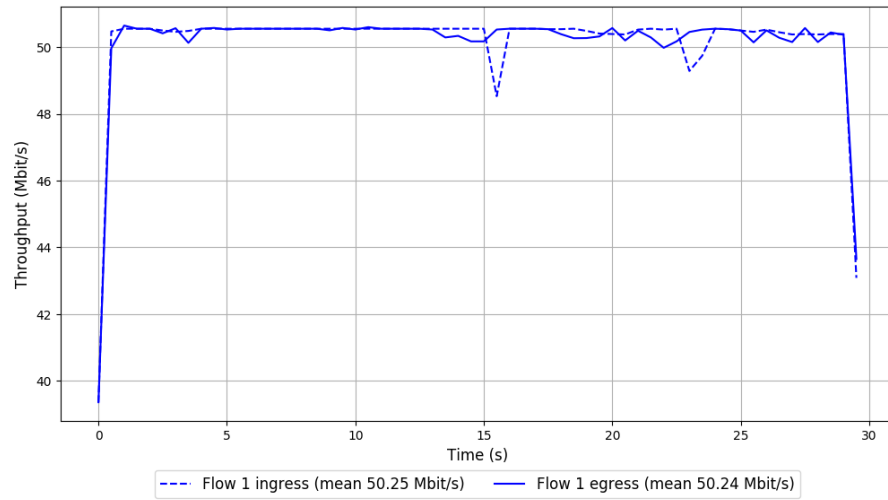
-- Flow 1:

Average throughput: 50.24 Mbit/s

95th percentile per-packet one-way delay: 11.865 ms

Loss rate: 0.01%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2017-12-19 23:23:38

End at: 2017-12-19 23:24:08

Local clock offset: 0.166 ms

Remote clock offset: 0.776 ms

Below is generated by plot.py at 2017-12-20 01:29:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.31 Mbit/s

95th percentile per-packet one-way delay: 11.793 ms

Loss rate: 0.00%

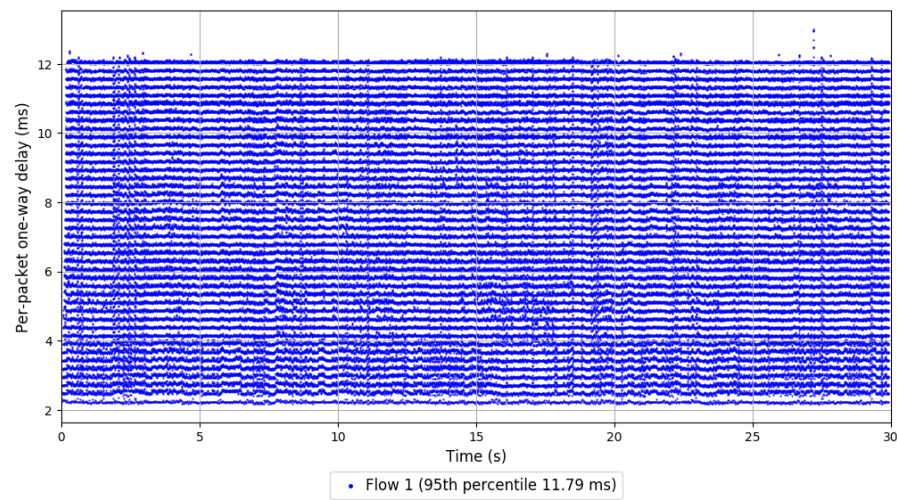
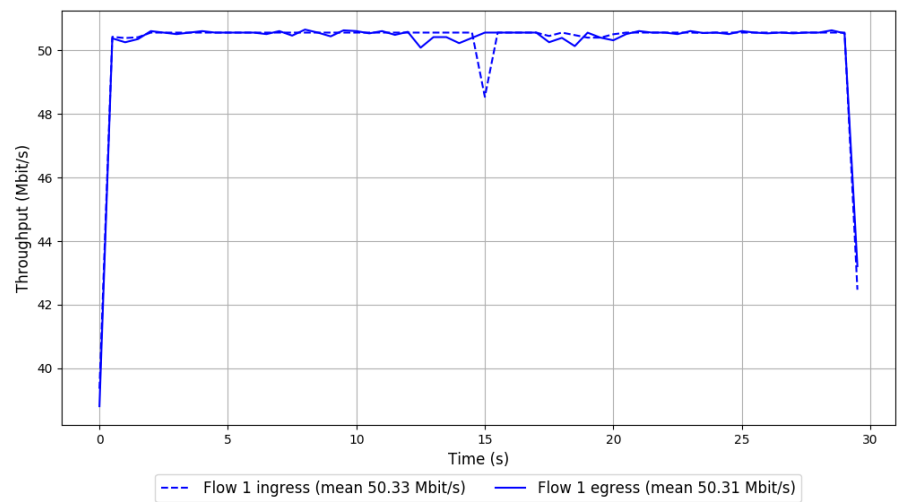
-- Flow 1:

Average throughput: 50.31 Mbit/s

95th percentile per-packet one-way delay: 11.793 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-12-19 23:40:29

End at: 2017-12-19 23:40:59

Local clock offset: 0.175 ms

Remote clock offset: 0.904 ms

Below is generated by plot.py at 2017-12-20 01:29:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.25 Mbit/s

95th percentile per-packet one-way delay: 11.886 ms

Loss rate: 0.00%

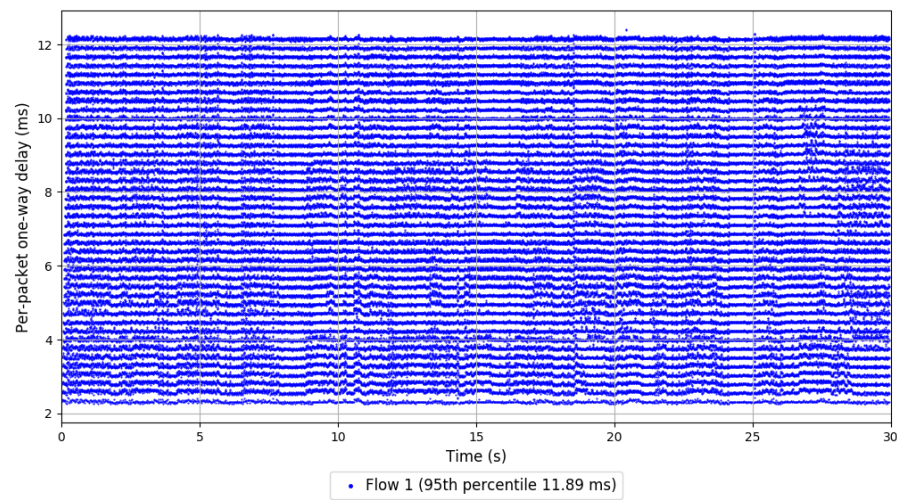
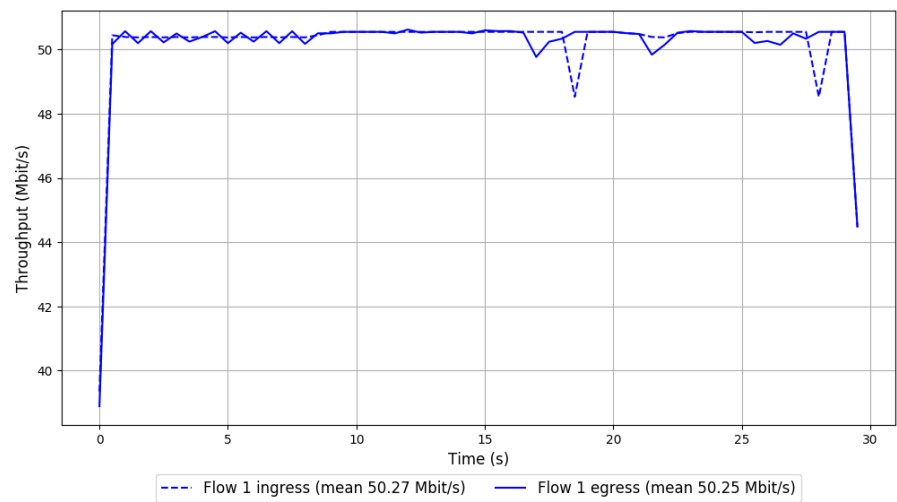
-- Flow 1:

Average throughput: 50.25 Mbit/s

95th percentile per-packet one-way delay: 11.886 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2017-12-19 23:57:29

End at: 2017-12-19 23:57:59

Local clock offset: 0.104 ms

Remote clock offset: 0.873 ms

Below is generated by plot.py at 2017-12-20 01:29:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.31 Mbit/s

95th percentile per-packet one-way delay: 11.956 ms

Loss rate: 0.00%

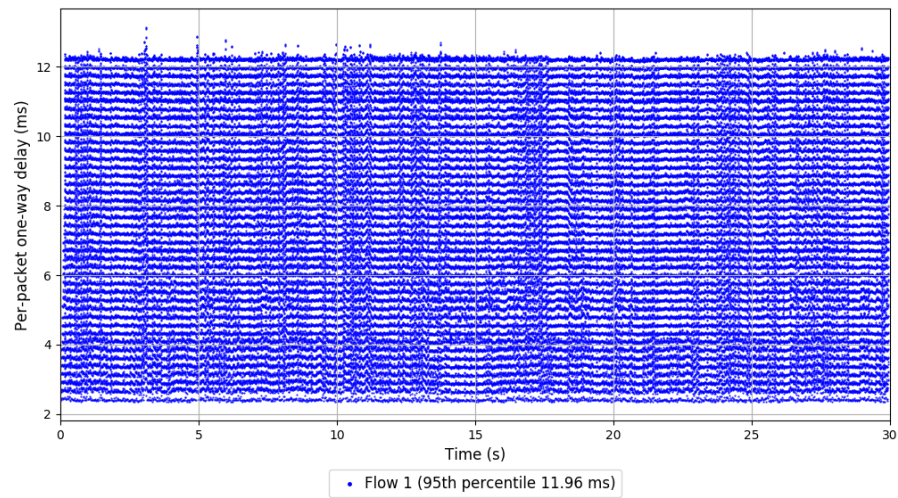
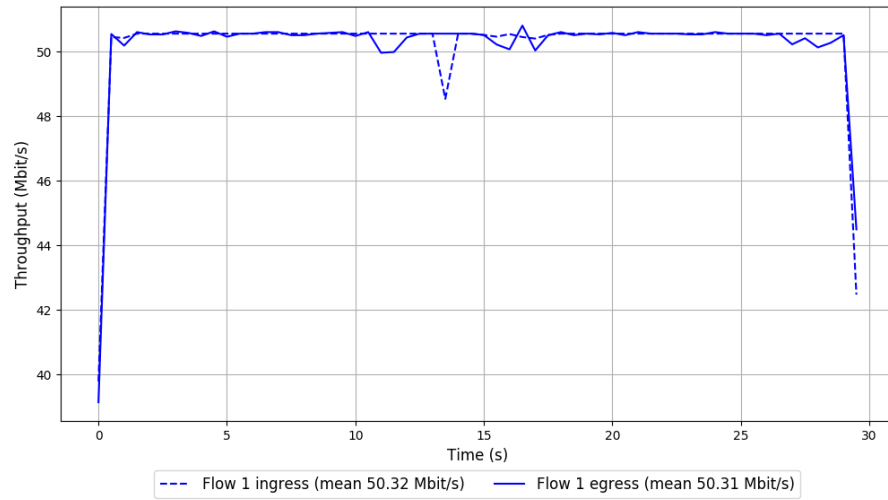
-- Flow 1:

Average throughput: 50.31 Mbit/s

95th percentile per-packet one-way delay: 11.956 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2017-12-20 00:14:29

End at: 2017-12-20 00:14:59

Local clock offset: 0.178 ms

Remote clock offset: 0.874 ms

Below is generated by plot.py at 2017-12-20 01:29:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.26 Mbit/s

95th percentile per-packet one-way delay: 11.905 ms

Loss rate: 0.00%

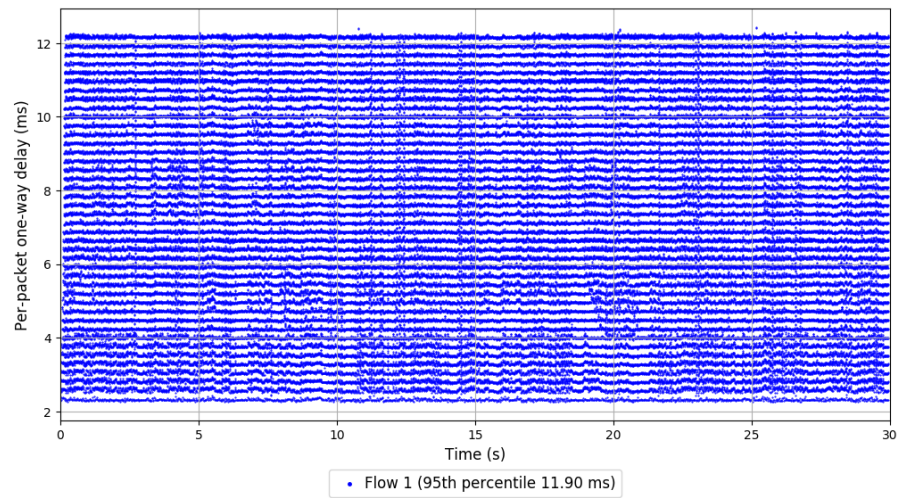
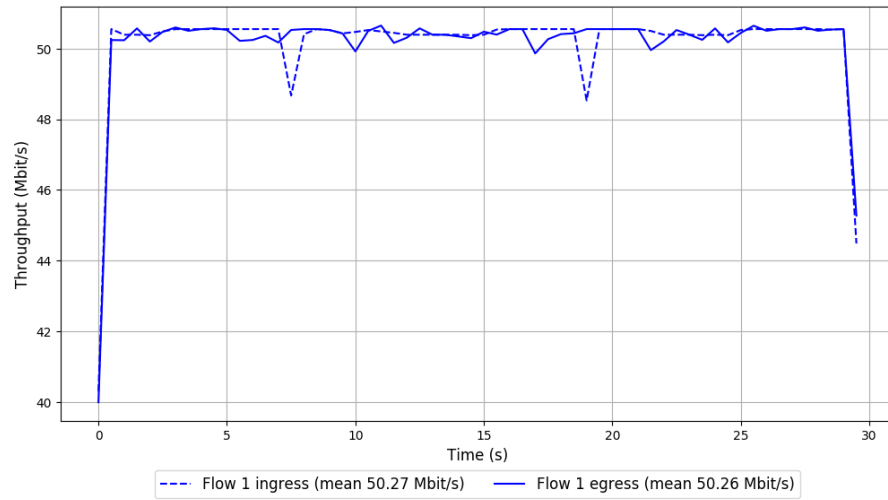
-- Flow 1:

Average throughput: 50.26 Mbit/s

95th percentile per-packet one-way delay: 11.905 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-12-20 00:31:29

End at: 2017-12-20 00:31:59

Local clock offset: 0.086 ms

Remote clock offset: 0.672 ms

Below is generated by plot.py at 2017-12-20 01:29:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.39 Mbit/s

95th percentile per-packet one-way delay: 11.944 ms

Loss rate: 0.00%

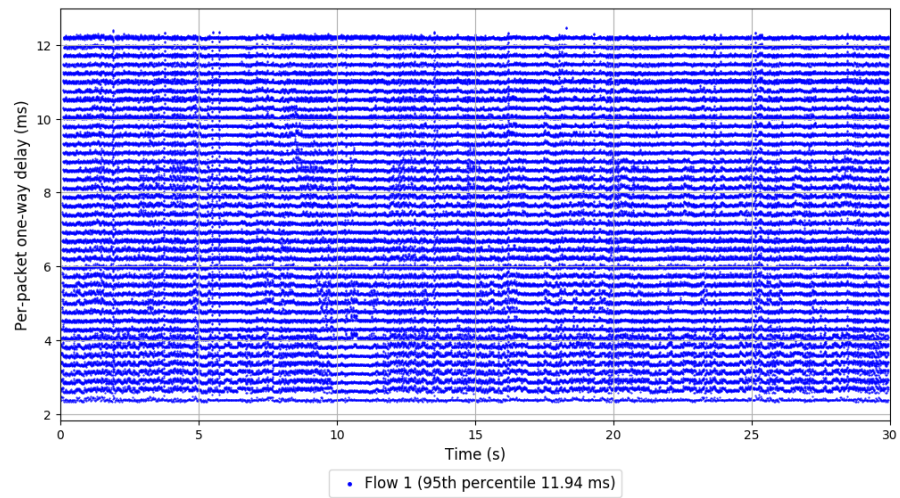
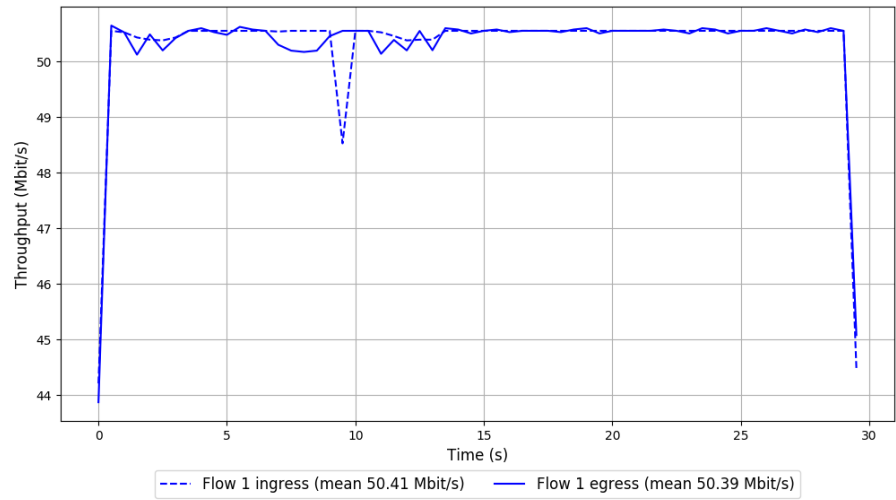
-- Flow 1:

Average throughput: 50.39 Mbit/s

95th percentile per-packet one-way delay: 11.944 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-12-20 00:48:34

End at: 2017-12-20 00:49:04

Local clock offset: 0.132 ms

Remote clock offset: 0.44 ms

Below is generated by plot.py at 2017-12-20 01:29:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.32 Mbit/s

95th percentile per-packet one-way delay: 11.893 ms

Loss rate: 0.00%

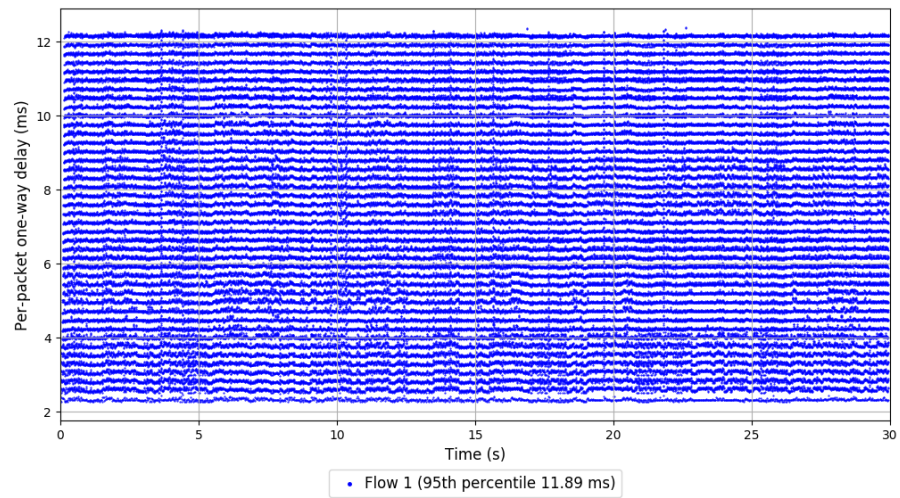
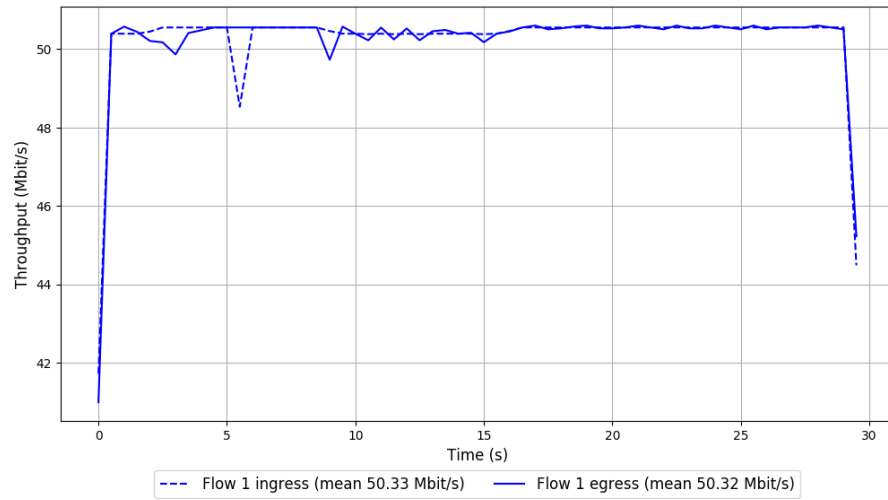
-- Flow 1:

Average throughput: 50.32 Mbit/s

95th percentile per-packet one-way delay: 11.893 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

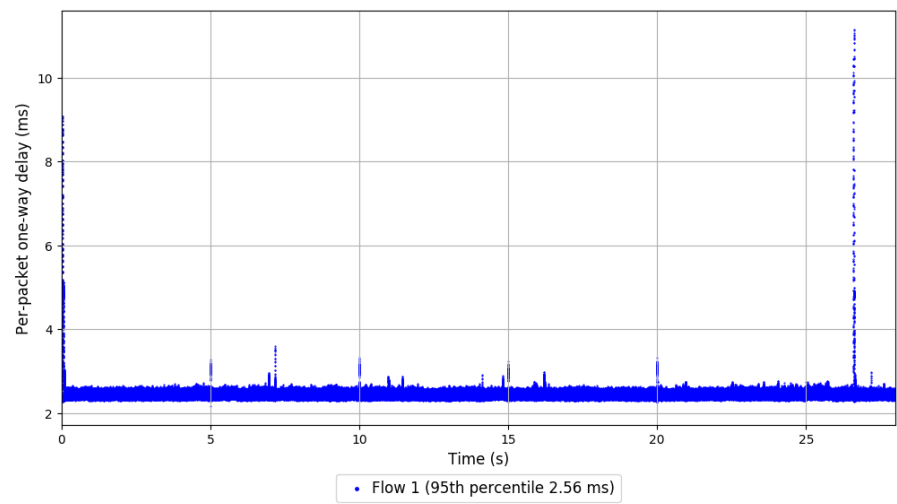
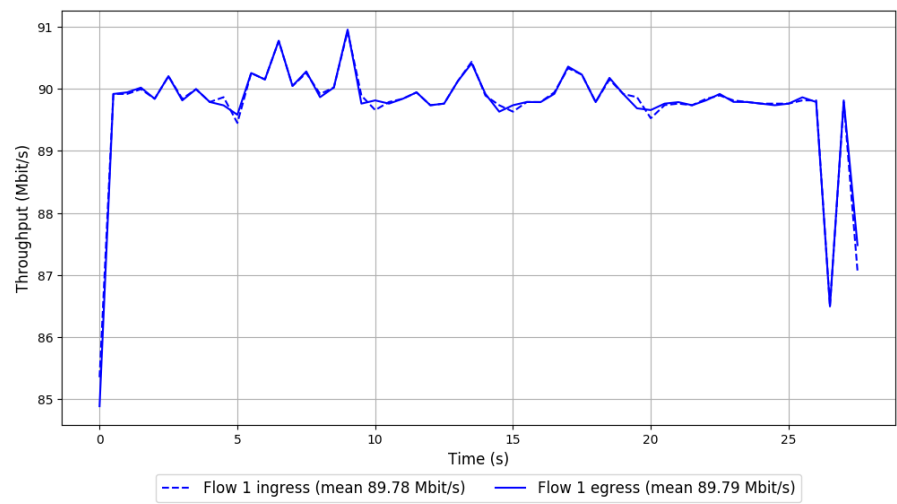


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-12-19 22:14:36
End at: 2017-12-19 22:15:06
Local clock offset: 0.224 ms
Remote clock offset: 0.494 ms

# Below is generated by plot.py at 2017-12-20 01:31:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.79 Mbit/s
95th percentile per-packet one-way delay: 2.558 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.79 Mbit/s
95th percentile per-packet one-way delay: 2.558 ms
Loss rate: 0.00%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2017-12-19 22:31:35

End at: 2017-12-19 22:32:05

Local clock offset: 0.212 ms

Remote clock offset: 0.569 ms

Below is generated by plot.py at 2017-12-20 01:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.63 Mbit/s

95th percentile per-packet one-way delay: 2.549 ms

Loss rate: 0.00%

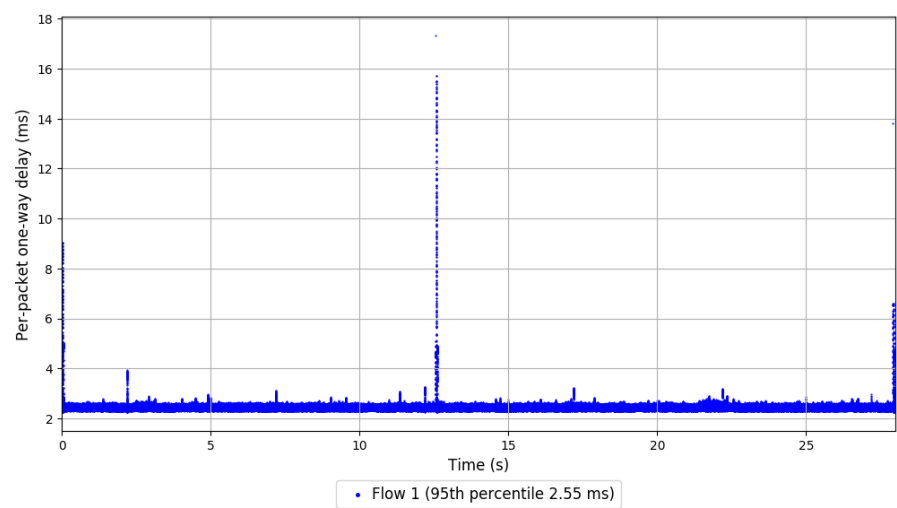
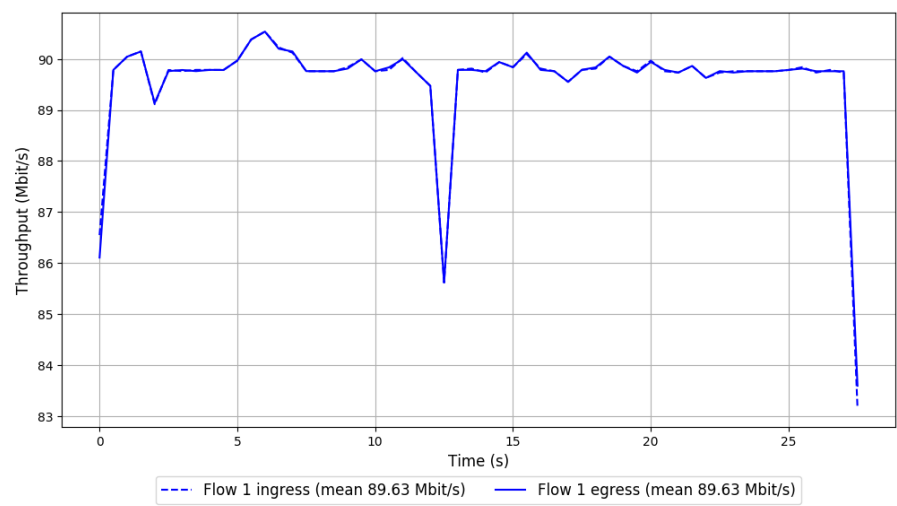
-- Flow 1:

Average throughput: 89.63 Mbit/s

95th percentile per-packet one-way delay: 2.549 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-12-19 22:48:35

End at: 2017-12-19 22:49:05

Local clock offset: 0.234 ms

Remote clock offset: 0.64 ms

Below is generated by plot.py at 2017-12-20 01:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.37 Mbit/s

95th percentile per-packet one-way delay: 2.513 ms

Loss rate: 0.00%

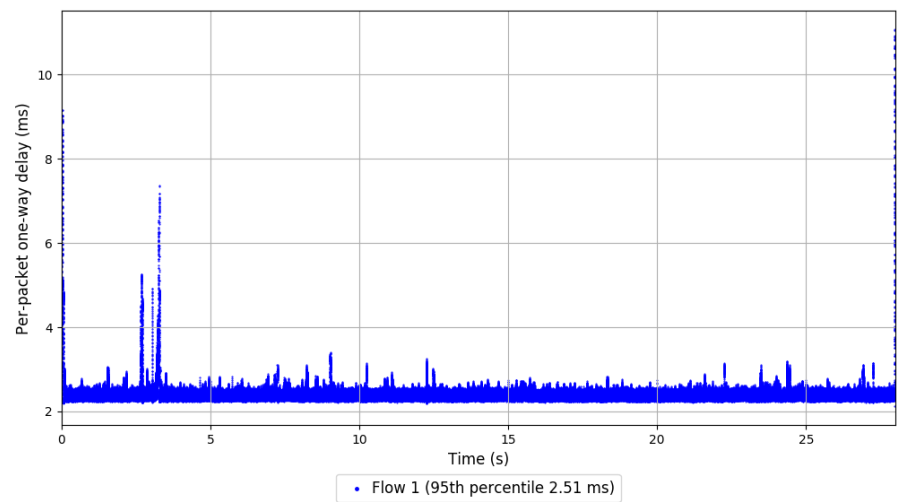
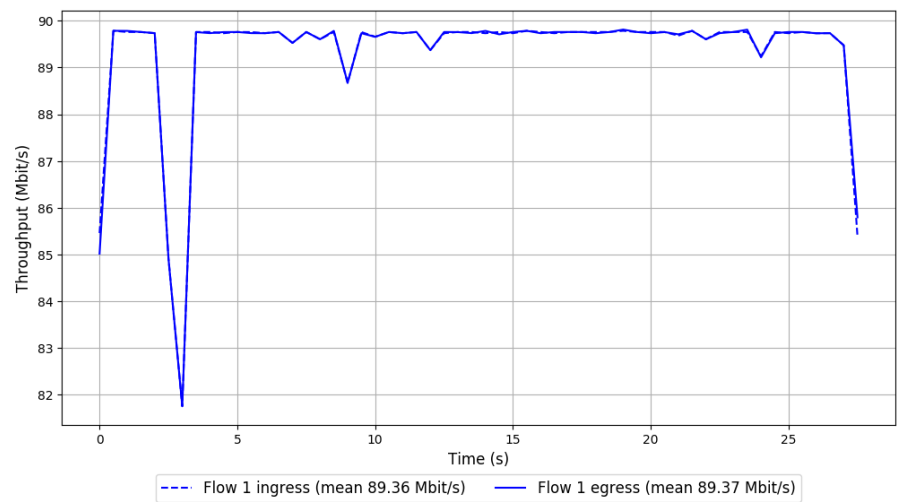
-- Flow 1:

Average throughput: 89.37 Mbit/s

95th percentile per-packet one-way delay: 2.513 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-12-19 23:05:32

End at: 2017-12-19 23:06:02

Local clock offset: 0.194 ms

Remote clock offset: 0.821 ms

Below is generated by plot.py at 2017-12-20 01:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.10 Mbit/s

95th percentile per-packet one-way delay: 7.125 ms

Loss rate: 0.00%

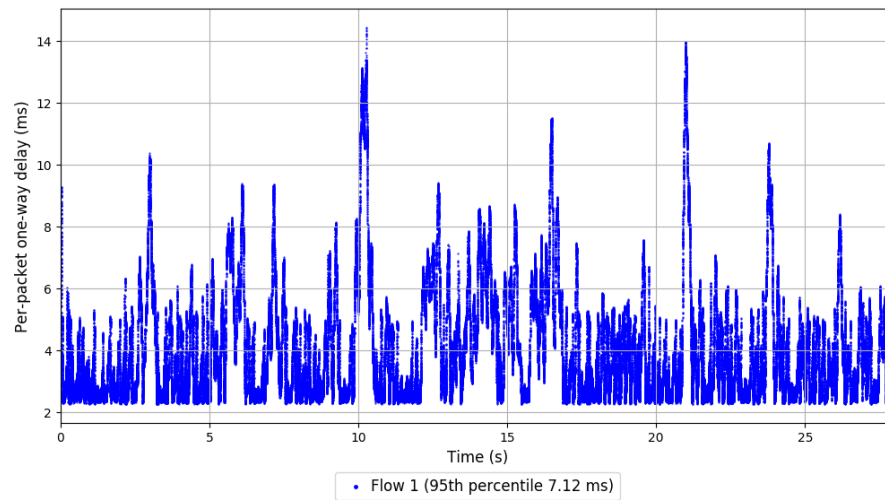
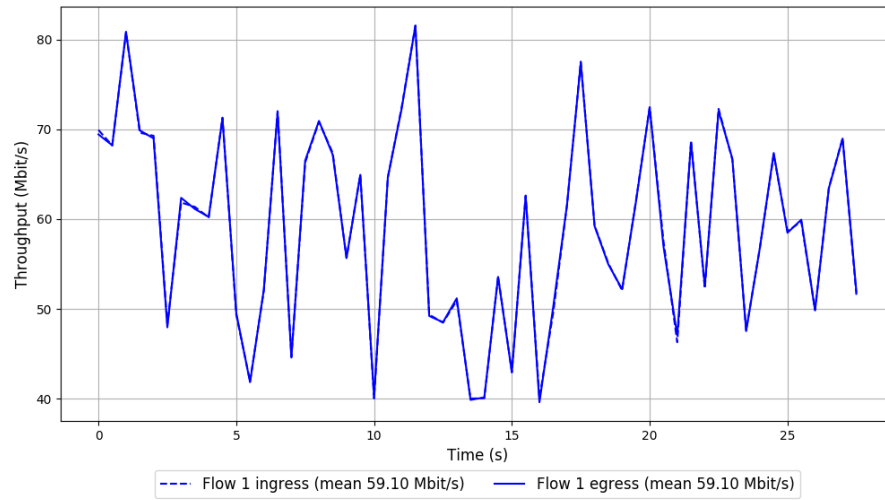
-- Flow 1:

Average throughput: 59.10 Mbit/s

95th percentile per-packet one-way delay: 7.125 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-12-19 23:22:27

End at: 2017-12-19 23:22:57

Local clock offset: 0.098 ms

Remote clock offset: 0.866 ms

Below is generated by plot.py at 2017-12-20 01:31:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.63 Mbit/s

95th percentile per-packet one-way delay: 2.630 ms

Loss rate: 0.00%

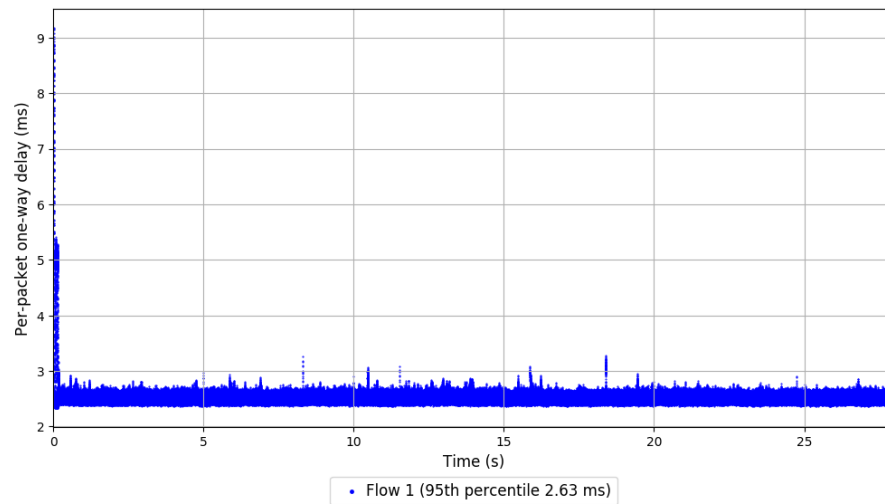
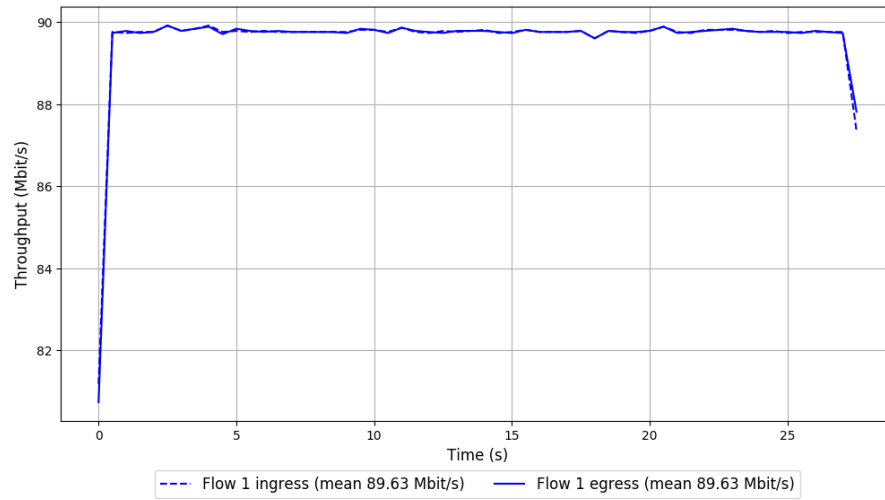
-- Flow 1:

Average throughput: 89.63 Mbit/s

95th percentile per-packet one-way delay: 2.630 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-12-19 23:39:18

End at: 2017-12-19 23:39:48

Local clock offset: 0.08 ms

Remote clock offset: 0.924 ms

Below is generated by plot.py at 2017-12-20 01:31:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.63 Mbit/s

95th percentile per-packet one-way delay: 2.662 ms

Loss rate: 0.00%

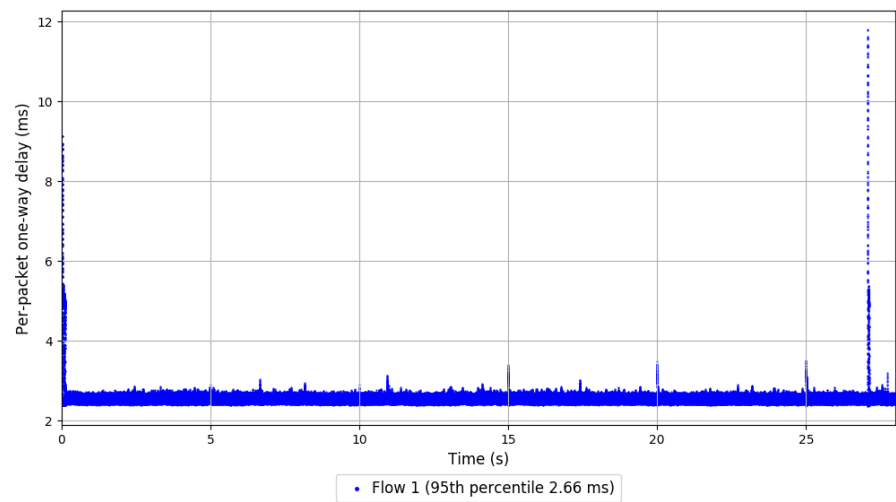
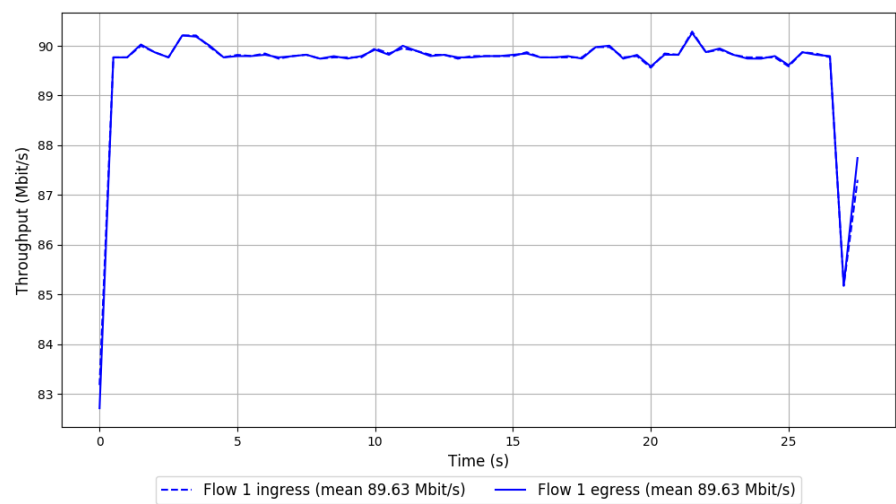
-- Flow 1:

Average throughput: 89.63 Mbit/s

95th percentile per-packet one-way delay: 2.662 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-12-19 23:56:18

End at: 2017-12-19 23:56:48

Local clock offset: 0.095 ms

Remote clock offset: 0.88 ms

Below is generated by plot.py at 2017-12-20 01:31:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.58 Mbit/s

95th percentile per-packet one-way delay: 2.645 ms

Loss rate: 0.00%

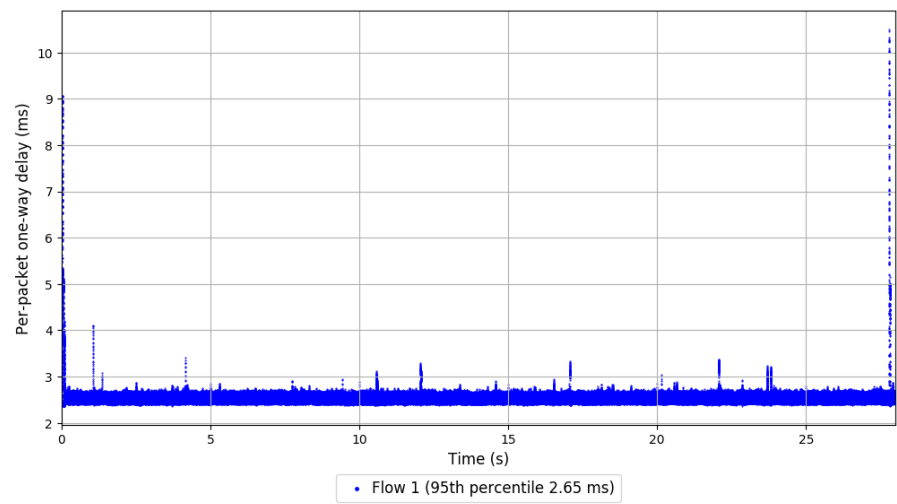
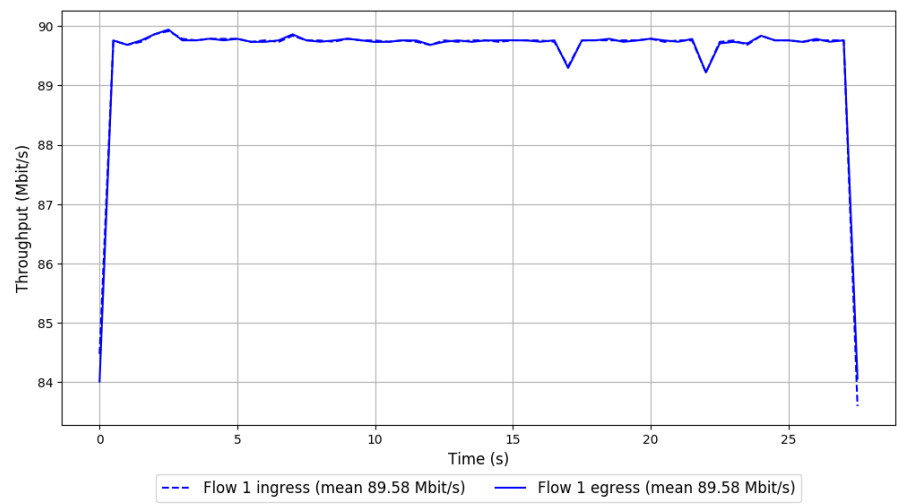
-- Flow 1:

Average throughput: 89.58 Mbit/s

95th percentile per-packet one-way delay: 2.645 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-12-20 00:13:18

End at: 2017-12-20 00:13:48

Local clock offset: 0.171 ms

Remote clock offset: 0.805 ms

Below is generated by plot.py at 2017-12-20 01:31:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.95 Mbit/s

95th percentile per-packet one-way delay: 2.486 ms

Loss rate: 0.00%

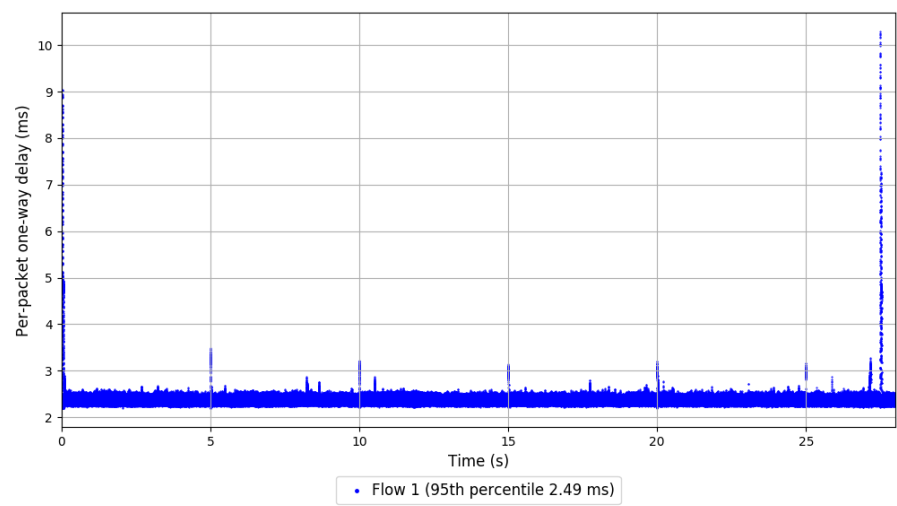
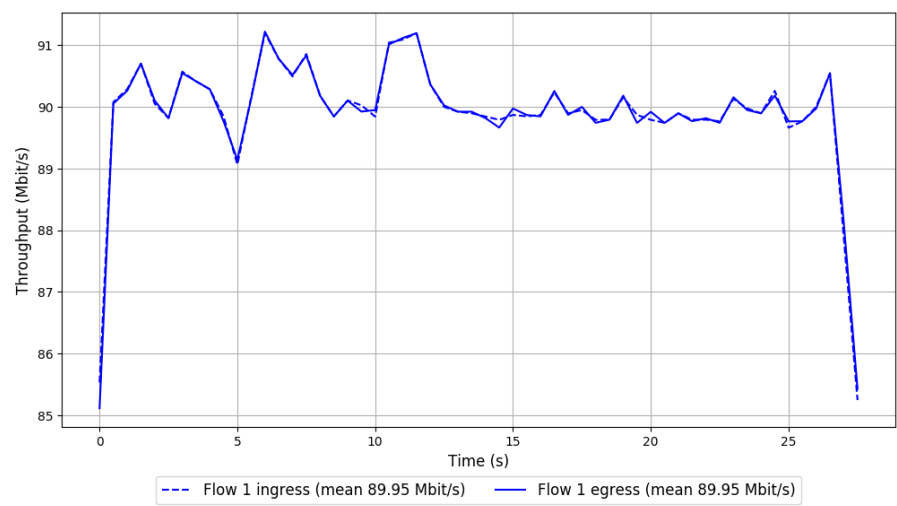
-- Flow 1:

Average throughput: 89.95 Mbit/s

95th percentile per-packet one-way delay: 2.486 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-12-20 00:30:18

End at: 2017-12-20 00:30:48

Local clock offset: 0.153 ms

Remote clock offset: 0.684 ms

Below is generated by plot.py at 2017-12-20 01:32:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.64 Mbit/s

95th percentile per-packet one-way delay: 2.542 ms

Loss rate: 0.00%

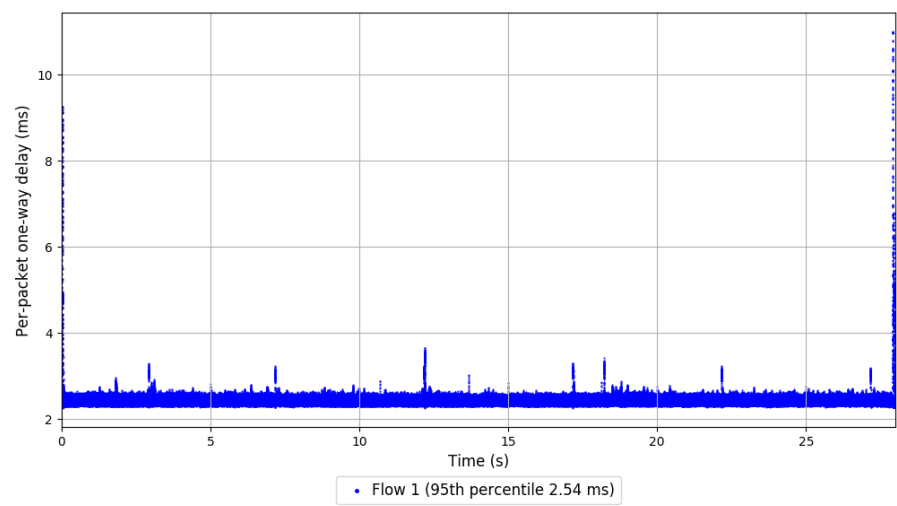
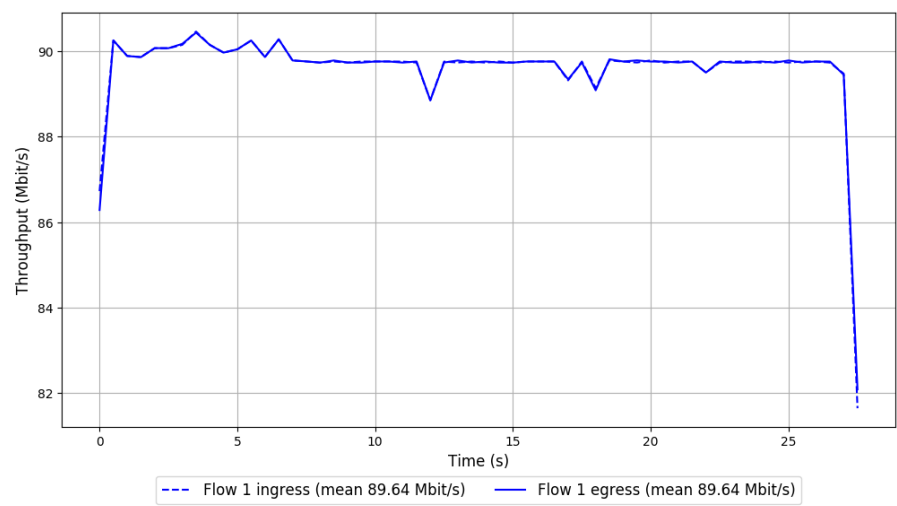
-- Flow 1:

Average throughput: 89.64 Mbit/s

95th percentile per-packet one-way delay: 2.542 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-12-20 00:47:23

End at: 2017-12-20 00:47:53

Local clock offset: 0.147 ms

Remote clock offset: 0.451 ms

Below is generated by plot.py at 2017-12-20 01:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.65 Mbit/s

95th percentile per-packet one-way delay: 2.537 ms

Loss rate: 0.00%

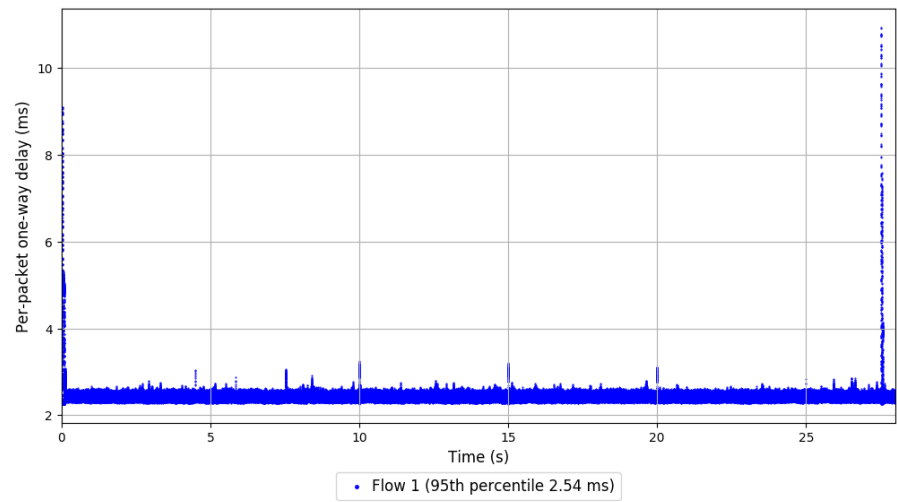
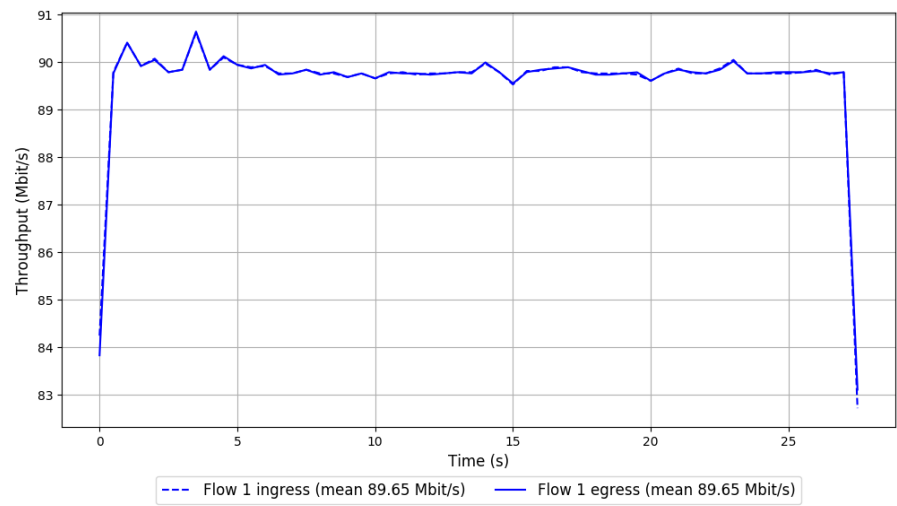
-- Flow 1:

Average throughput: 89.65 Mbit/s

95th percentile per-packet one-way delay: 2.537 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-12-19 22:20:15

End at: 2017-12-19 22:20:45

Local clock offset: 0.151 ms

Remote clock offset: 0.446 ms

Below is generated by plot.py at 2017-12-20 01:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 3.729 ms

Loss rate: 0.00%

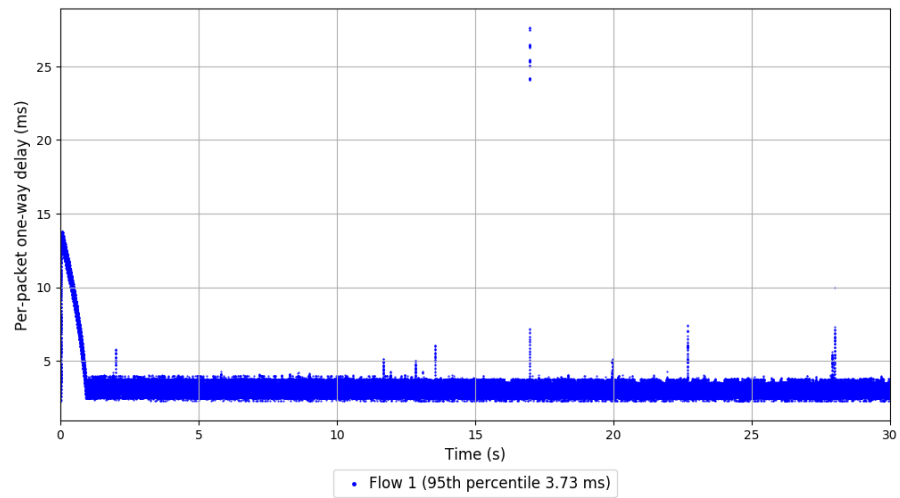
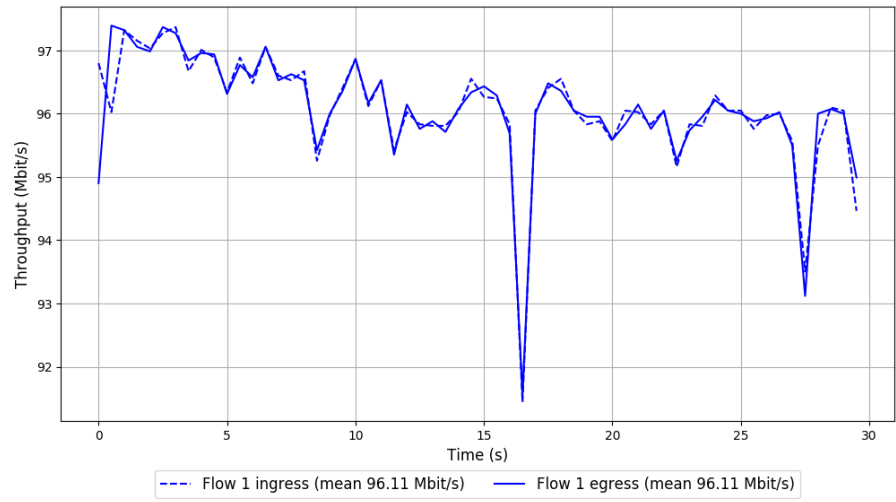
-- Flow 1:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 3.729 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2017-12-19 22:37:14

End at: 2017-12-19 22:37:44

Local clock offset: 0.213 ms

Remote clock offset: 0.625 ms

Below is generated by plot.py at 2017-12-20 01:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 3.742 ms

Loss rate: 0.00%

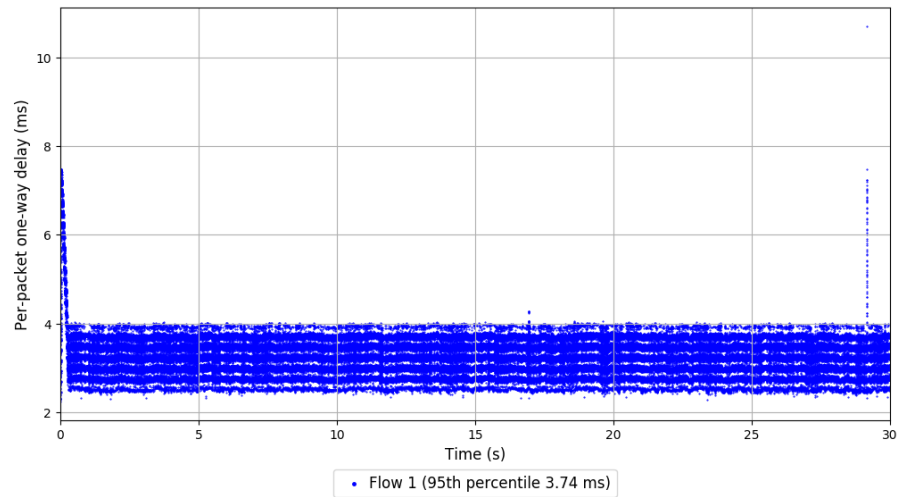
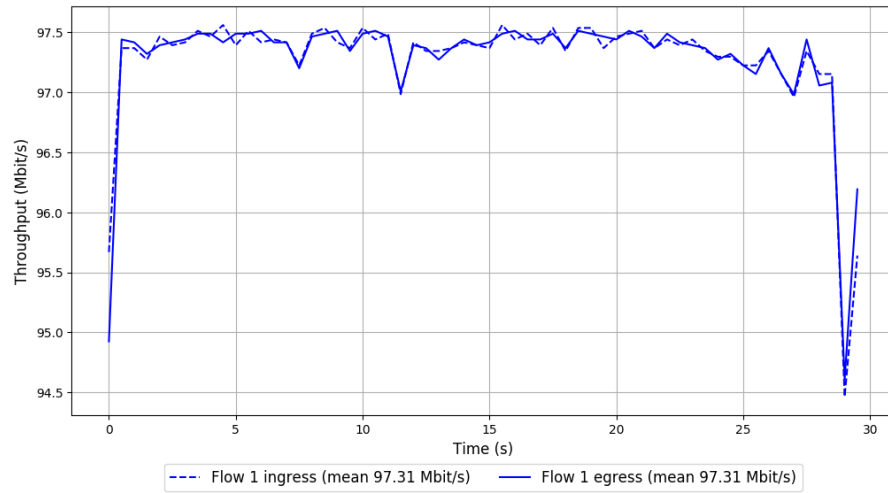
-- Flow 1:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 3.742 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2017-12-19 22:54:14

End at: 2017-12-19 22:54:44

Local clock offset: 0.219 ms

Remote clock offset: 0.754 ms

Below is generated by plot.py at 2017-12-20 01:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.73 Mbit/s

95th percentile per-packet one-way delay: 31.742 ms

Loss rate: 0.01%

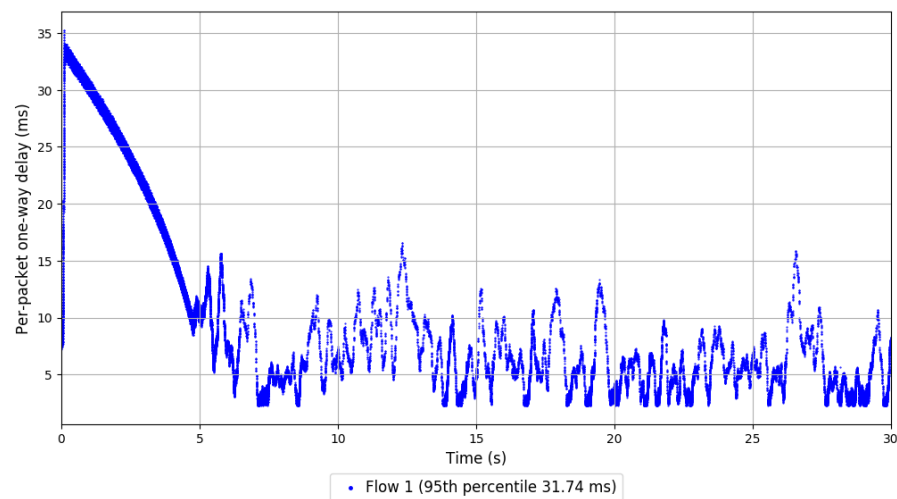
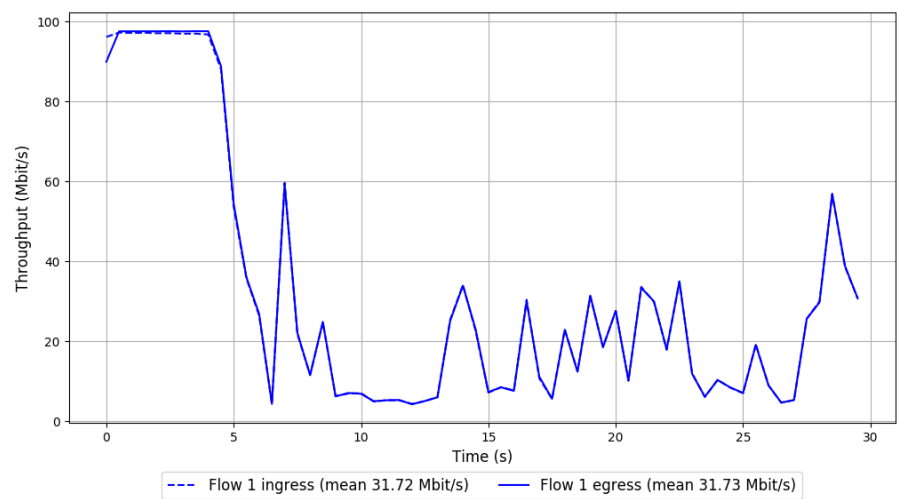
-- Flow 1:

Average throughput: 31.73 Mbit/s

95th percentile per-packet one-way delay: 31.742 ms

Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2017-12-19 23:11:09

End at: 2017-12-19 23:11:39

Local clock offset: 0.173 ms

Remote clock offset: 0.758 ms

Below is generated by plot.py at 2017-12-20 01:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.62 Mbit/s

95th percentile per-packet one-way delay: 3.672 ms

Loss rate: 0.00%

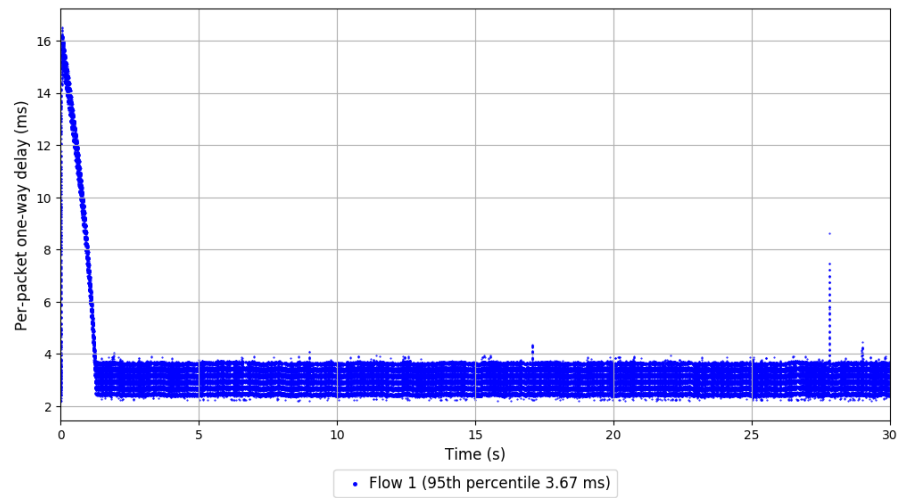
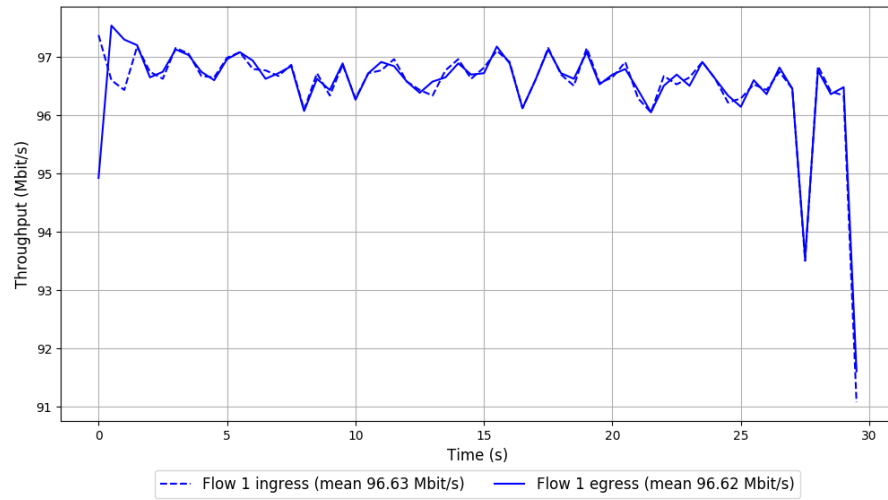
-- Flow 1:

Average throughput: 96.62 Mbit/s

95th percentile per-packet one-way delay: 3.672 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2017-12-19 23:28:06

End at: 2017-12-19 23:28:36

Local clock offset: 0.159 ms

Remote clock offset: 0.892 ms

Below is generated by plot.py at 2017-12-20 01:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 3.931 ms

Loss rate: 0.00%

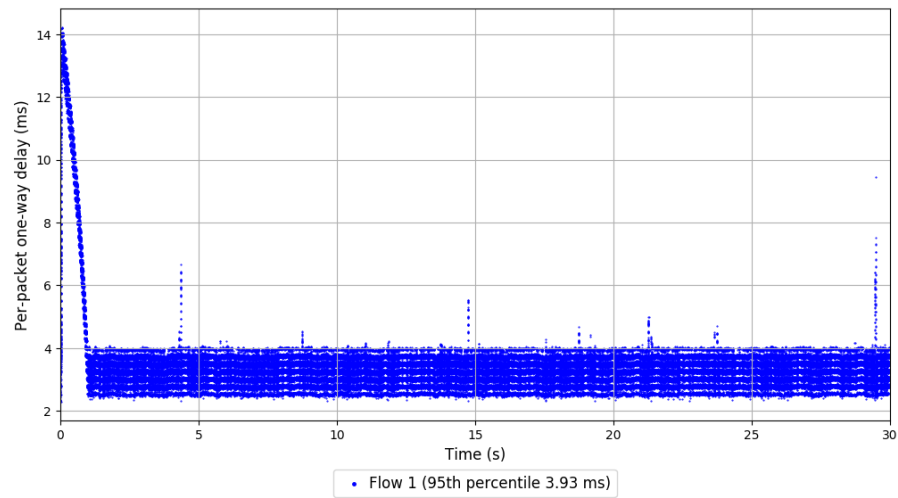
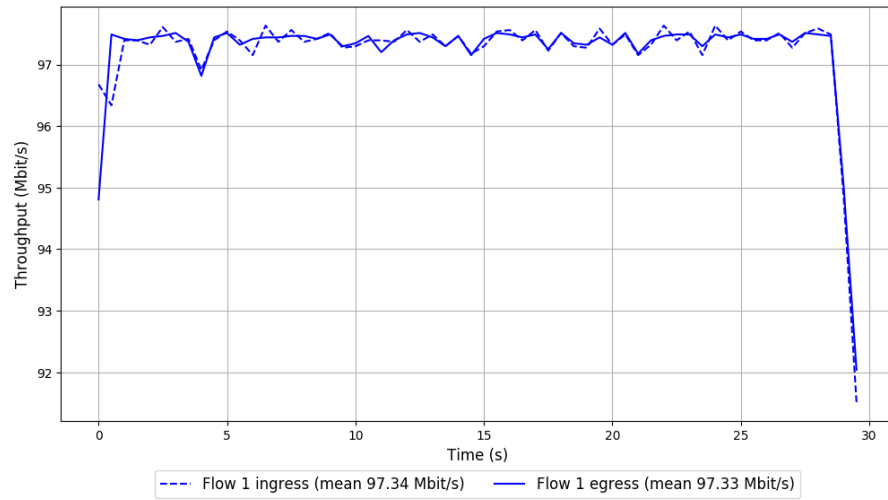
-- Flow 1:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 3.931 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2017-12-19 23:44:58

End at: 2017-12-19 23:45:28

Local clock offset: 0.187 ms

Remote clock offset: 0.893 ms

Below is generated by plot.py at 2017-12-20 01:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.53 Mbit/s

95th percentile per-packet one-way delay: 4.459 ms

Loss rate: 0.00%

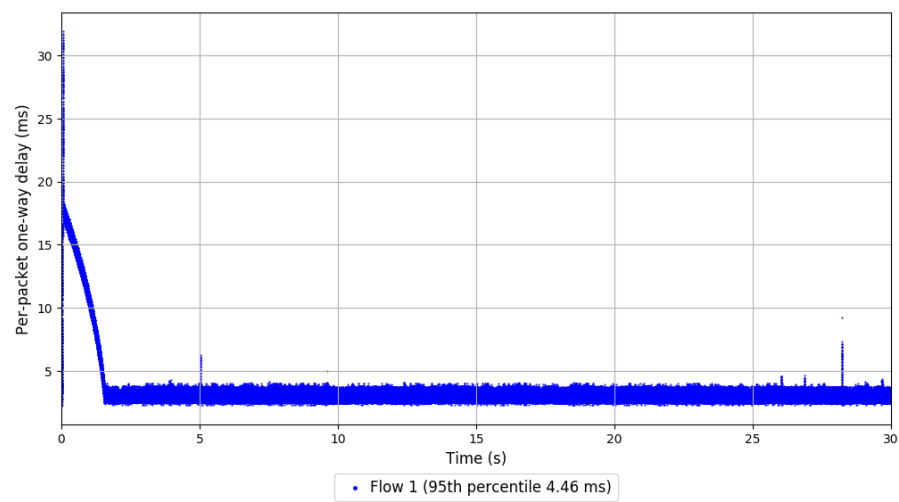
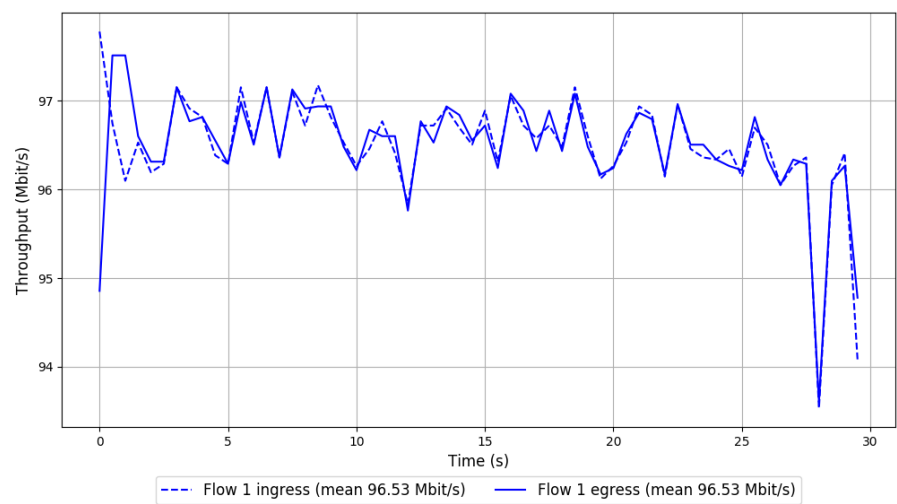
-- Flow 1:

Average throughput: 96.53 Mbit/s

95th percentile per-packet one-way delay: 4.459 ms

Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-12-20 00:01:58

End at: 2017-12-20 00:02:28

Local clock offset: 0.101 ms

Remote clock offset: 0.793 ms

Below is generated by plot.py at 2017-12-20 01:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 3.715 ms

Loss rate: 0.00%

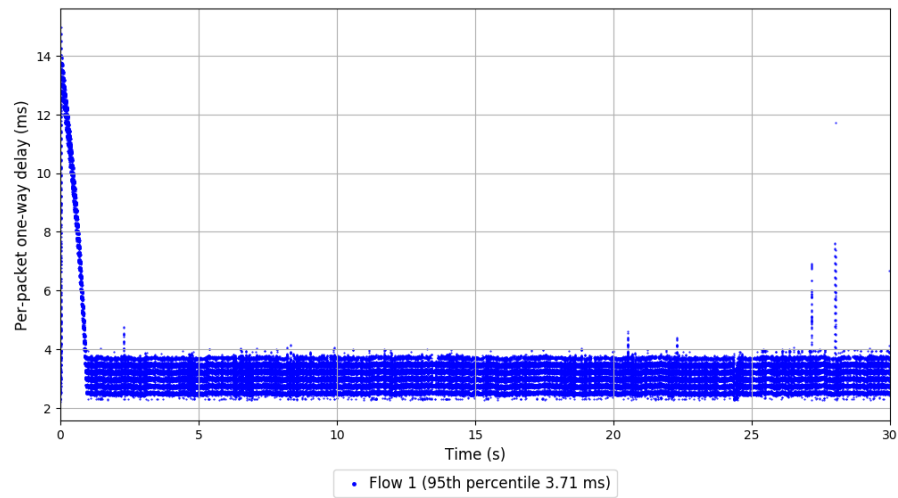
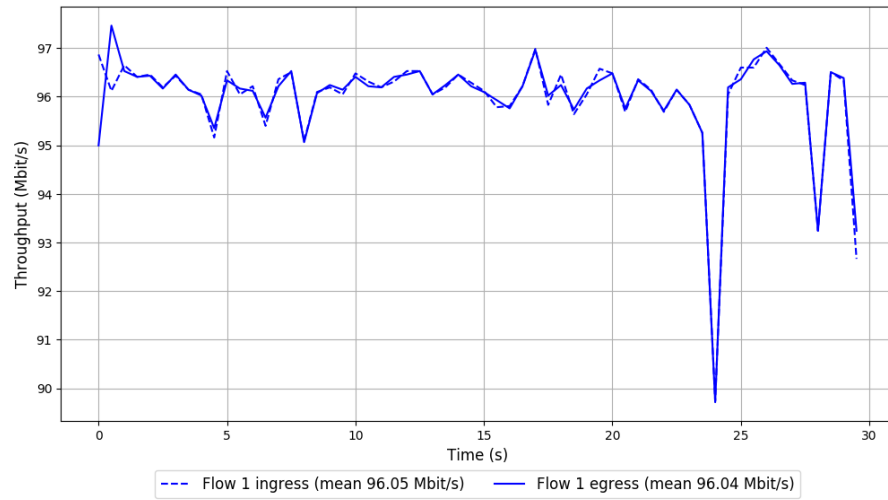
-- Flow 1:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 3.715 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2017-12-20 00:18:58

End at: 2017-12-20 00:19:28

Local clock offset: 0.177 ms

Remote clock offset: 0.826 ms

Below is generated by plot.py at 2017-12-20 01:34:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.96 Mbit/s

95th percentile per-packet one-way delay: 3.729 ms

Loss rate: 0.00%

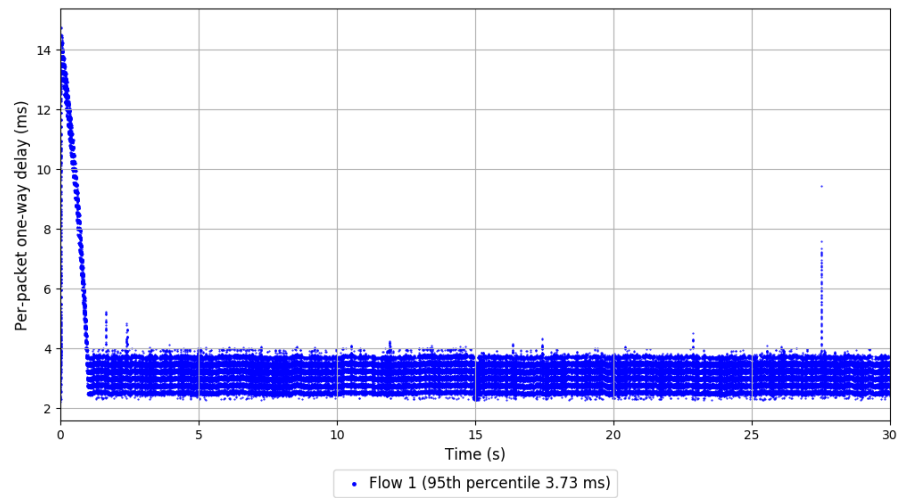
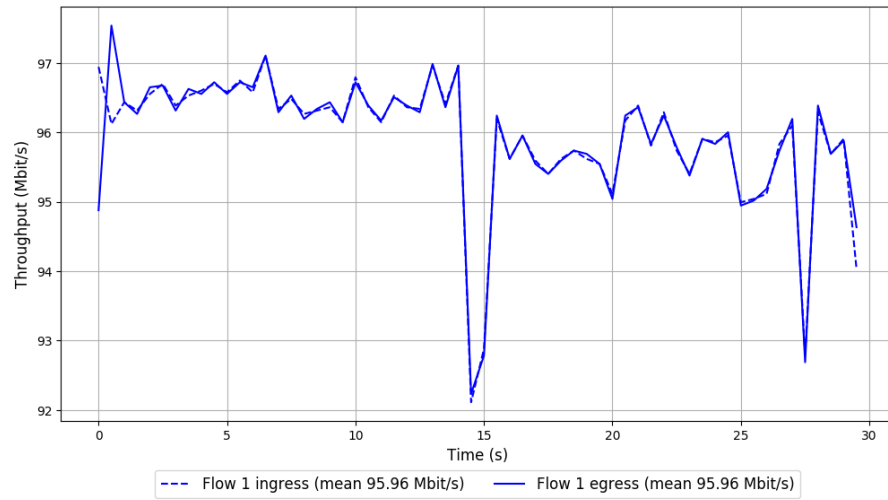
-- Flow 1:

Average throughput: 95.96 Mbit/s

95th percentile per-packet one-way delay: 3.729 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2017-12-20 00:35:58

End at: 2017-12-20 00:36:28

Local clock offset: 0.08 ms

Remote clock offset: 0.607 ms

Below is generated by plot.py at 2017-12-20 01:34:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 3.794 ms

Loss rate: 0.00%

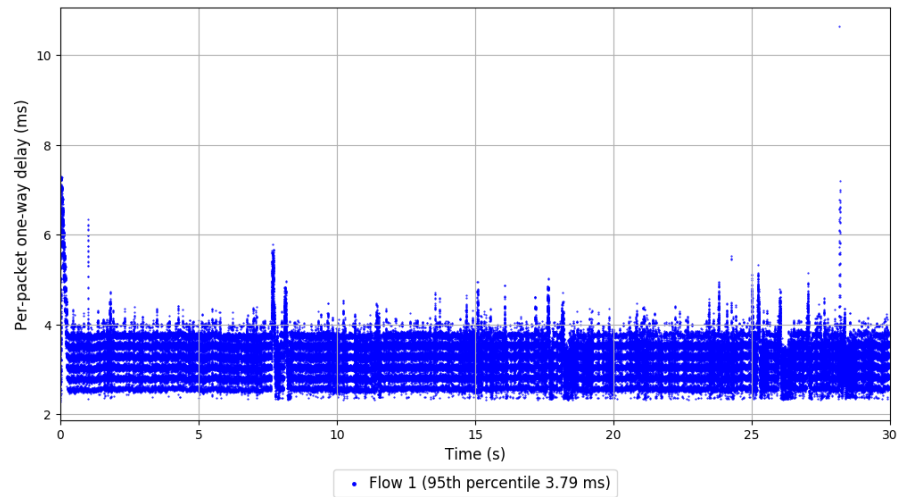
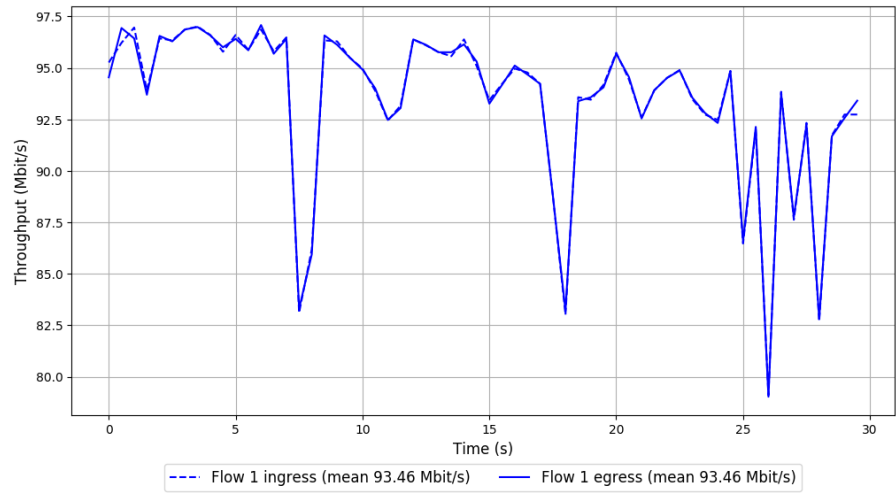
-- Flow 1:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 3.794 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-12-20 00:53:03

End at: 2017-12-20 00:53:33

Local clock offset: 0.043 ms

Remote clock offset: 0.37 ms

Below is generated by plot.py at 2017-12-20 01:34:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 3.593 ms

Loss rate: 0.00%

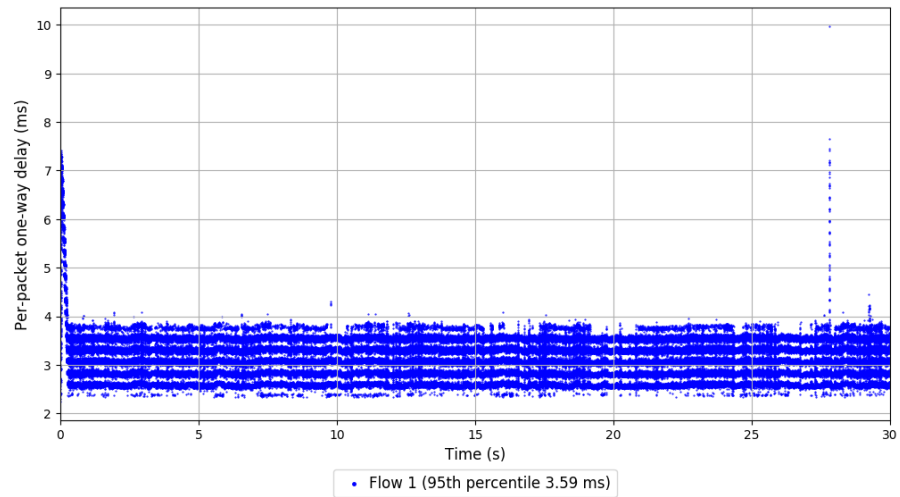
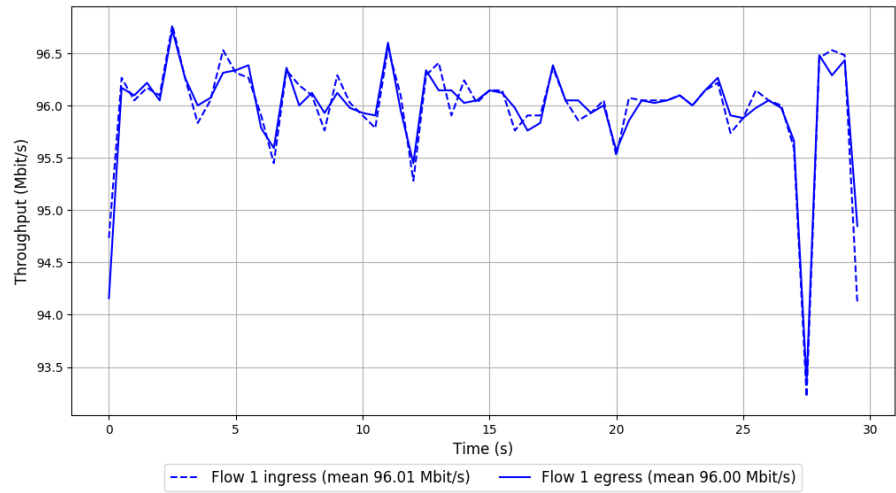
-- Flow 1:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 3.593 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2017-12-19 22:07:55

End at: 2017-12-19 22:08:25

Local clock offset: 0.155 ms

Remote clock offset: 0.448 ms

Below is generated by plot.py at 2017-12-20 01:34:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.86 Mbit/s

95th percentile per-packet one-way delay: 28.712 ms

Loss rate: 1.13%

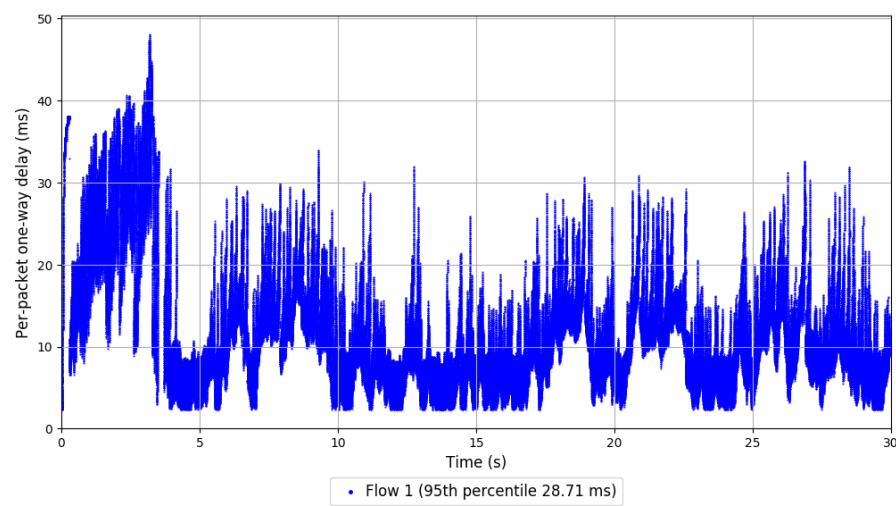
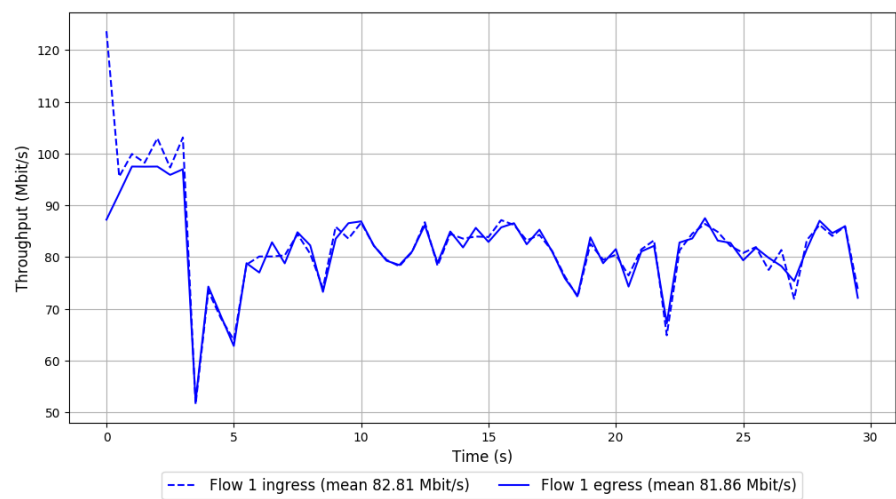
-- Flow 1:

Average throughput: 81.86 Mbit/s

95th percentile per-packet one-way delay: 28.712 ms

Loss rate: 1.13%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-12-19 22:24:51

End at: 2017-12-19 22:25:21

Local clock offset: 0.219 ms

Remote clock offset: 0.543 ms

Below is generated by plot.py at 2017-12-20 01:34:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.55 Mbit/s

95th percentile per-packet one-way delay: 8.697 ms

Loss rate: 0.97%

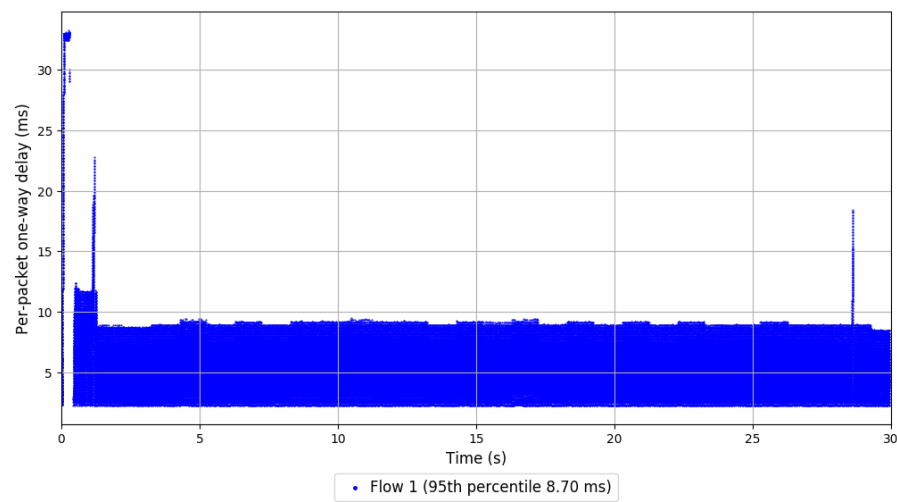
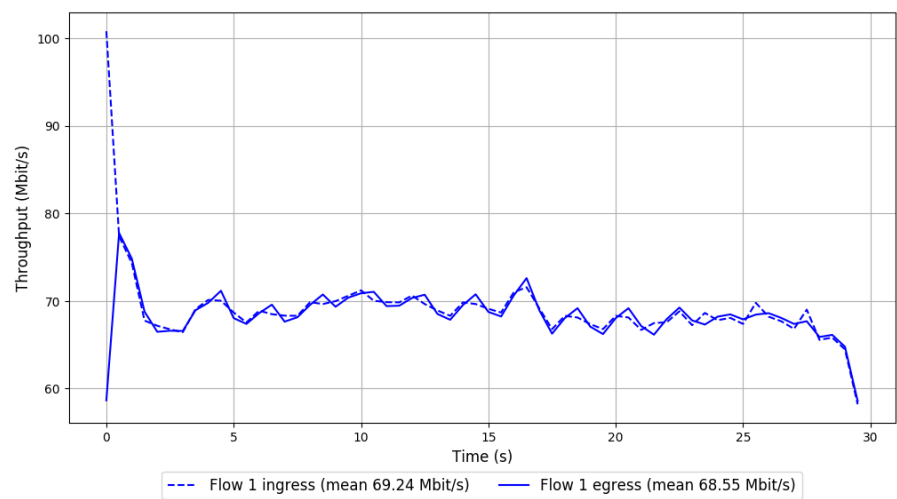
-- Flow 1:

Average throughput: 68.55 Mbit/s

95th percentile per-packet one-way delay: 8.697 ms

Loss rate: 0.97%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-12-19 22:41:50

End at: 2017-12-19 22:42:20

Local clock offset: 0.171 ms

Remote clock offset: 0.58 ms

Below is generated by plot.py at 2017-12-20 01:34:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.35 Mbit/s

95th percentile per-packet one-way delay: 9.856 ms

Loss rate: 0.89%

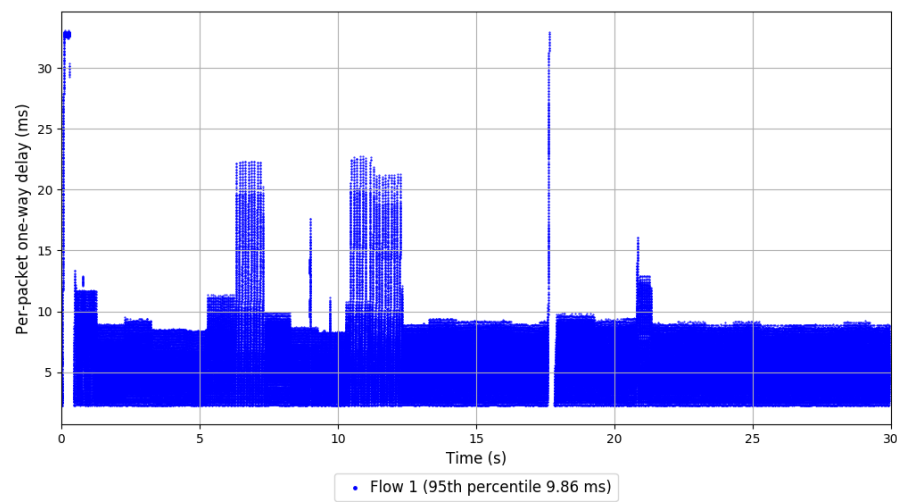
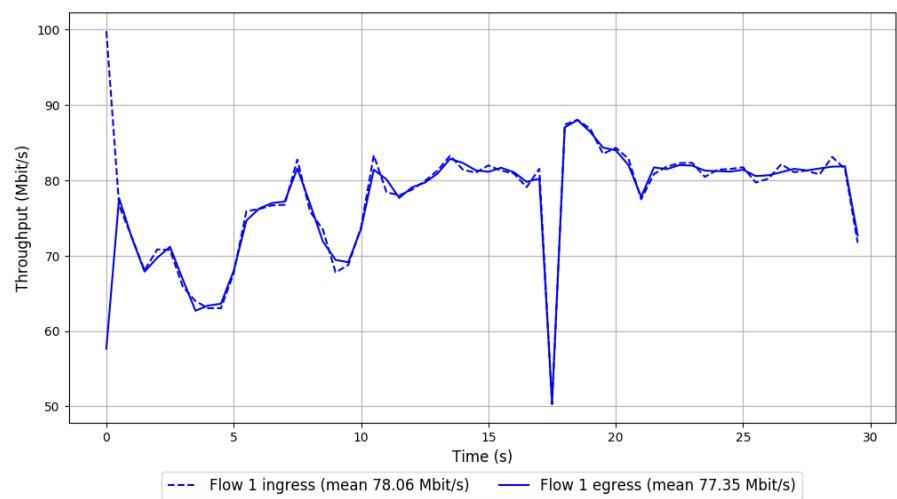
-- Flow 1:

Average throughput: 77.35 Mbit/s

95th percentile per-packet one-way delay: 9.856 ms

Loss rate: 0.89%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-12-19 22:58:47

End at: 2017-12-19 22:59:17

Local clock offset: 0.206 ms

Remote clock offset: 0.767 ms

Below is generated by plot.py at 2017-12-20 01:34:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.37 Mbit/s

95th percentile per-packet one-way delay: 8.700 ms

Loss rate: 1.02%

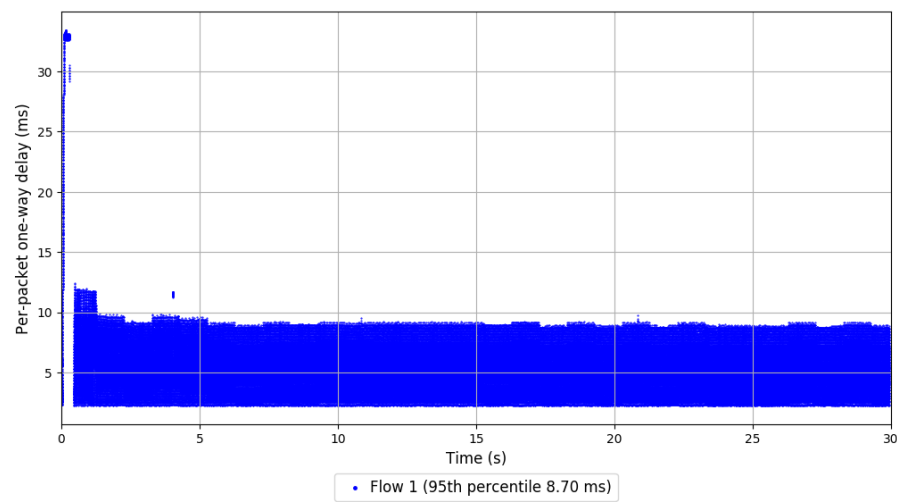
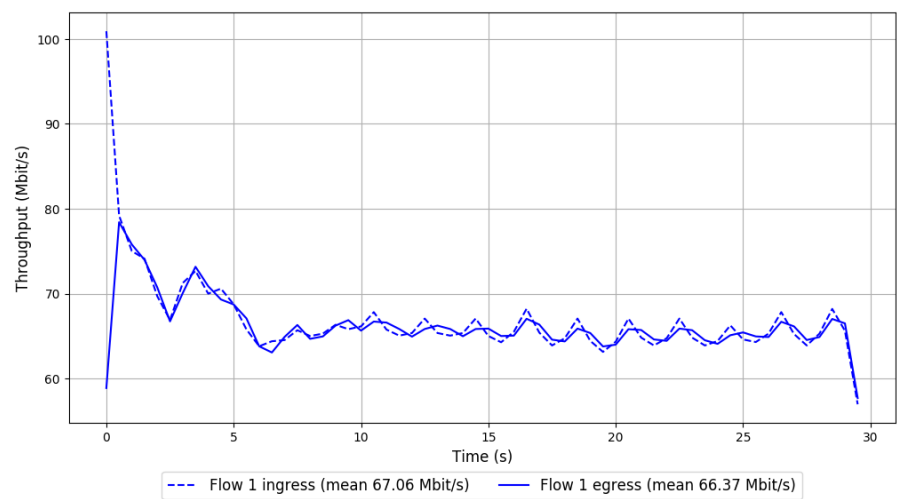
-- Flow 1:

Average throughput: 66.37 Mbit/s

95th percentile per-packet one-way delay: 8.700 ms

Loss rate: 1.02%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-12-19 23:15:45

End at: 2017-12-19 23:16:15

Local clock offset: 0.101 ms

Remote clock offset: 0.817 ms

Below is generated by plot.py at 2017-12-20 01:34:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.18 Mbit/s

95th percentile per-packet one-way delay: 8.982 ms

Loss rate: 0.97%

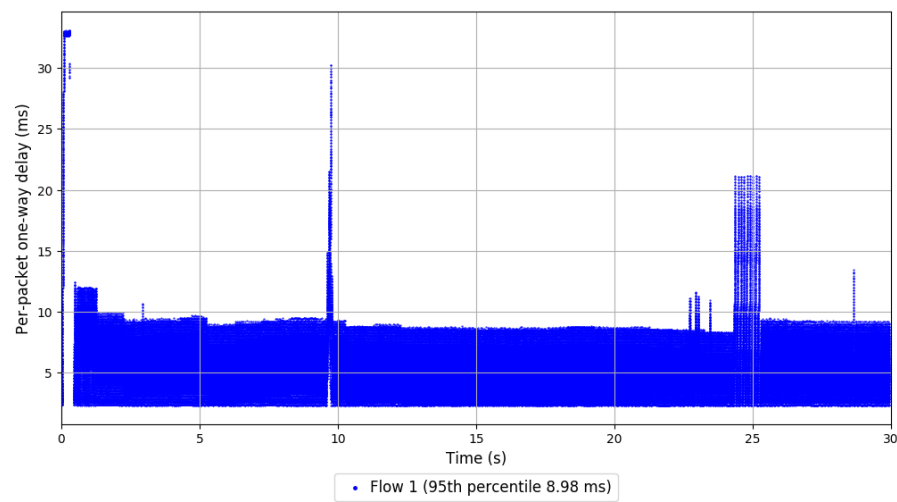
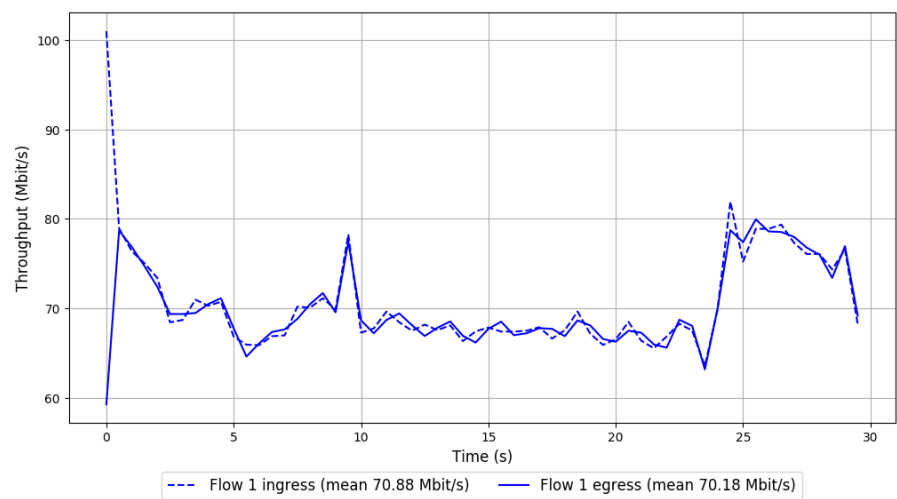
-- Flow 1:

Average throughput: 70.18 Mbit/s

95th percentile per-packet one-way delay: 8.982 ms

Loss rate: 0.97%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-12-19 23:32:33

End at: 2017-12-19 23:33:03

Local clock offset: 0.098 ms

Remote clock offset: 0.884 ms

Below is generated by plot.py at 2017-12-20 01:35:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.77 Mbit/s

95th percentile per-packet one-way delay: 10.868 ms

Loss rate: 0.84%

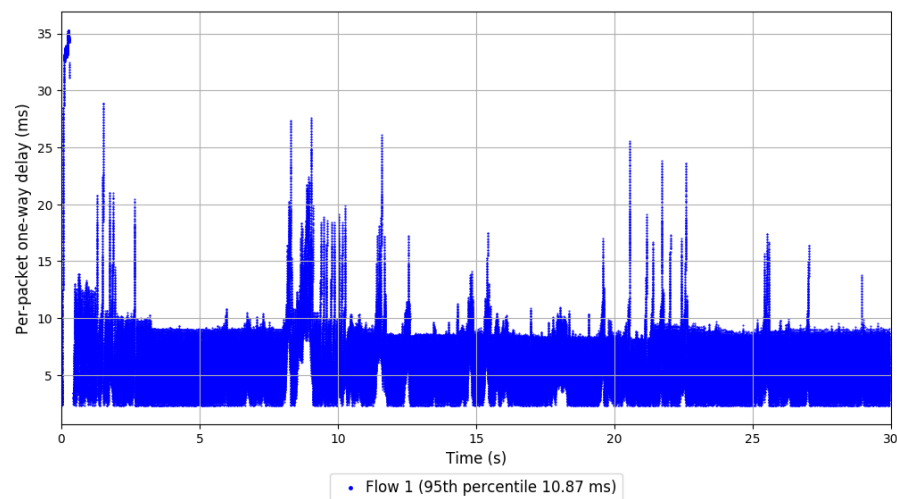
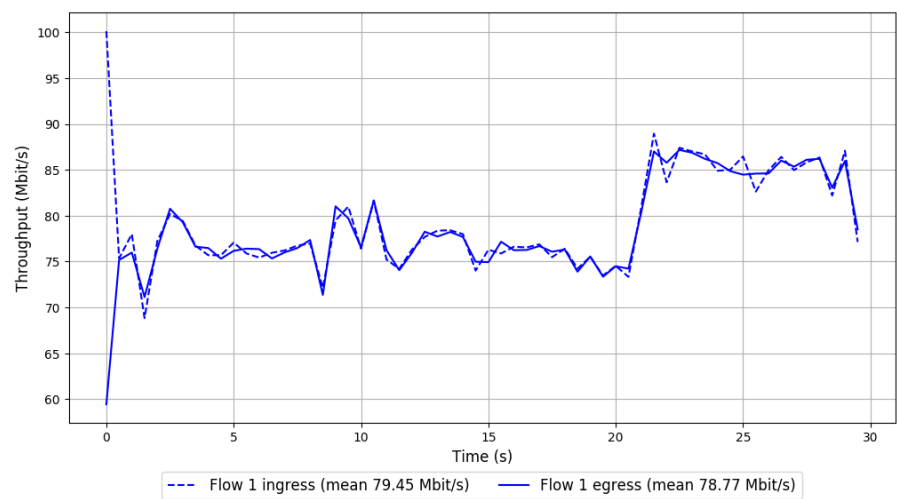
-- Flow 1:

Average throughput: 78.77 Mbit/s

95th percentile per-packet one-way delay: 10.868 ms

Loss rate: 0.84%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2017-12-19 23:49:34

End at: 2017-12-19 23:50:04

Local clock offset: 0.104 ms

Remote clock offset: 0.824 ms

Below is generated by plot.py at 2017-12-20 01:35:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.85 Mbit/s

95th percentile per-packet one-way delay: 8.931 ms

Loss rate: 0.97%

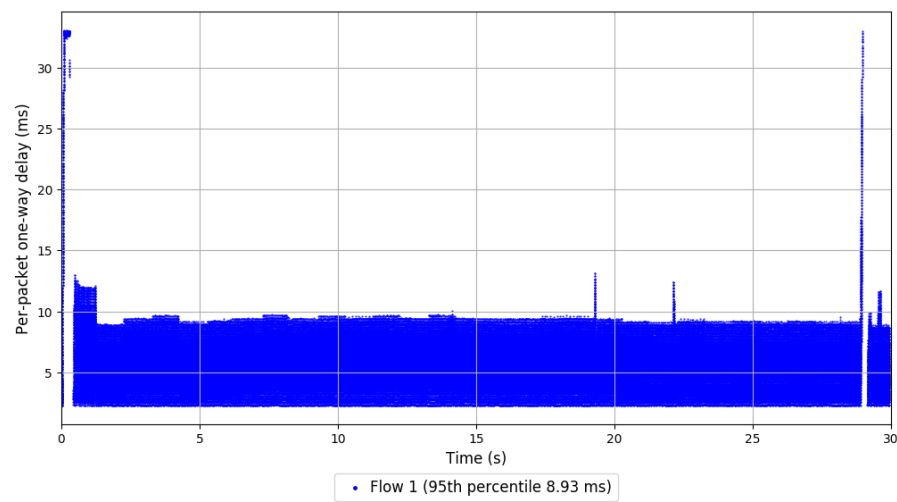
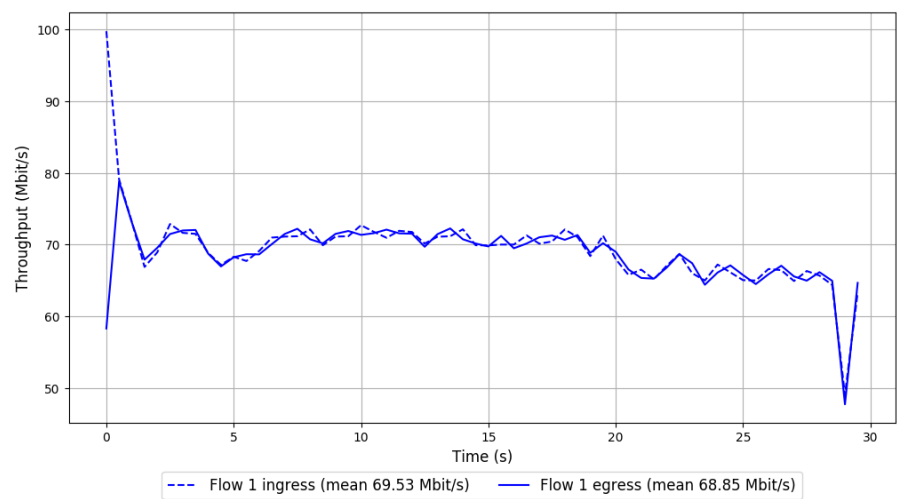
-- Flow 1:

Average throughput: 68.85 Mbit/s

95th percentile per-packet one-way delay: 8.931 ms

Loss rate: 0.97%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-12-20 00:06:34

End at: 2017-12-20 00:07:04

Local clock offset: 0.173 ms

Remote clock offset: 0.802 ms

Below is generated by plot.py at 2017-12-20 01:35:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.26 Mbit/s

95th percentile per-packet one-way delay: 8.646 ms

Loss rate: 0.93%

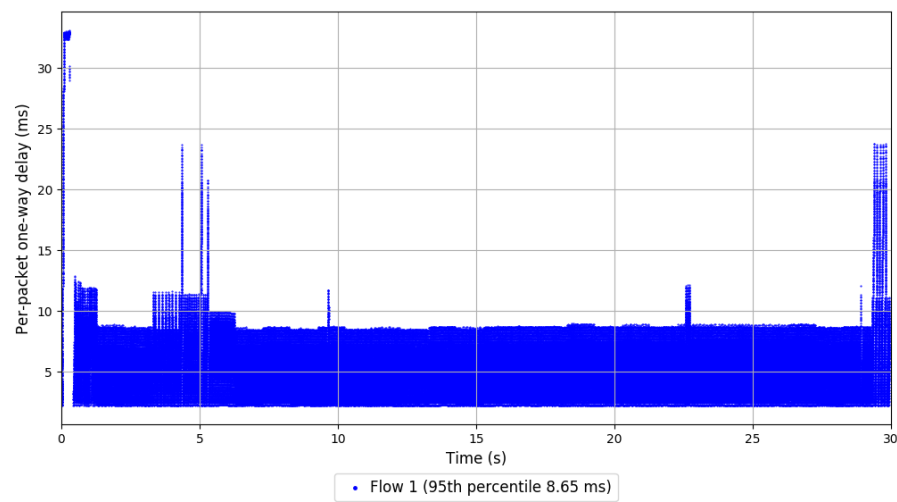
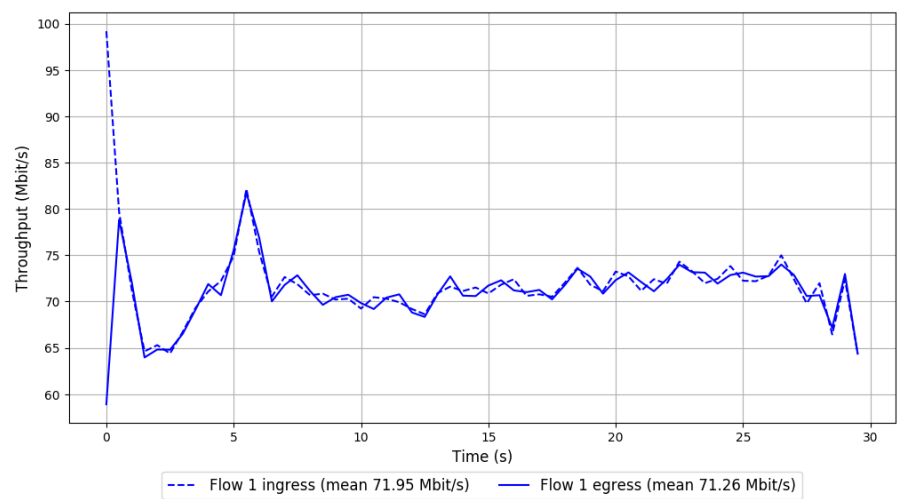
-- Flow 1:

Average throughput: 71.26 Mbit/s

95th percentile per-packet one-way delay: 8.646 ms

Loss rate: 0.93%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-12-20 00:23:34

End at: 2017-12-20 00:24:04

Local clock offset: 0.166 ms

Remote clock offset: 0.693 ms

Below is generated by plot.py at 2017-12-20 01:35:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.97 Mbit/s

95th percentile per-packet one-way delay: 8.877 ms

Loss rate: 0.98%

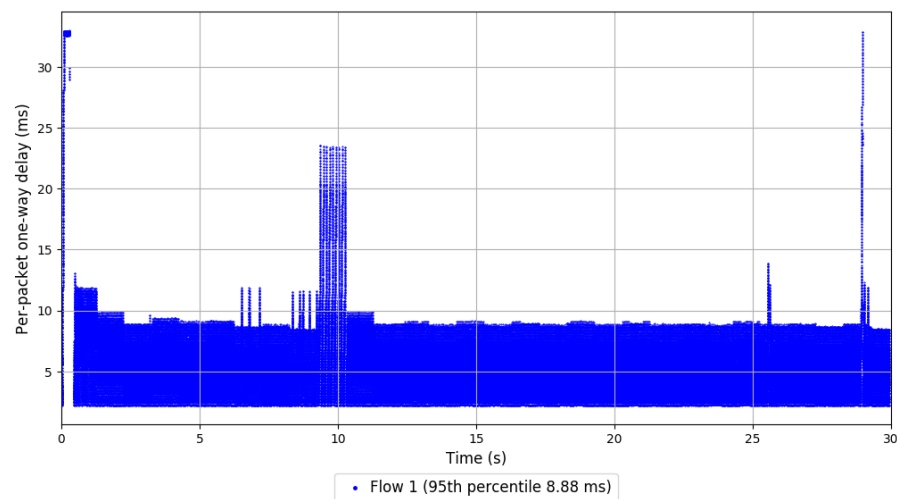
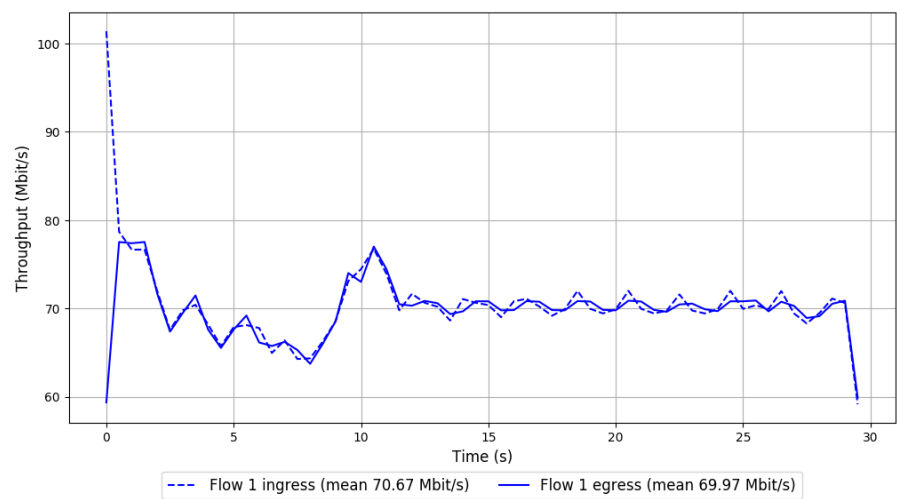
-- Flow 1:

Average throughput: 69.97 Mbit/s

95th percentile per-packet one-way delay: 8.877 ms

Loss rate: 0.98%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2017-12-20 00:40:34

End at: 2017-12-20 00:41:04

Local clock offset: 0.149 ms

Remote clock offset: 0.524 ms

Below is generated by plot.py at 2017-12-20 01:35:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.58 Mbit/s

95th percentile per-packet one-way delay: 9.121 ms

Loss rate: 0.93%

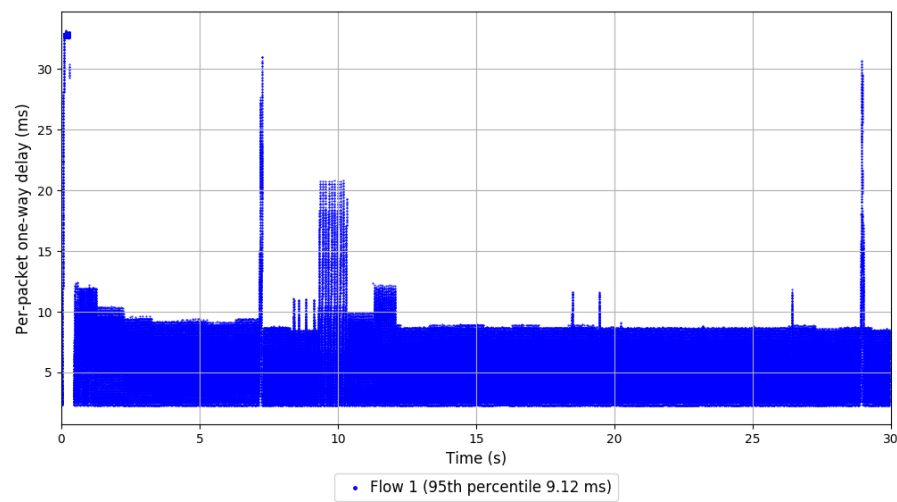
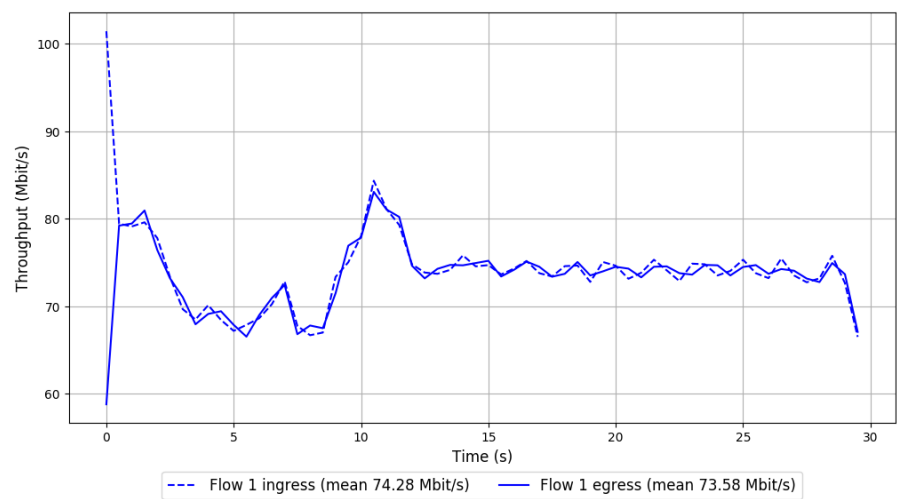
-- Flow 1:

Average throughput: 73.58 Mbit/s

95th percentile per-packet one-way delay: 9.121 ms

Loss rate: 0.93%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2017-12-19 22:11:17

End at: 2017-12-19 22:11:47

Local clock offset: 0.244 ms

Remote clock offset: 0.465 ms

Below is generated by plot.py at 2017-12-20 01:36:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.35 Mbit/s

95th percentile per-packet one-way delay: 3.749 ms

Loss rate: 0.00%

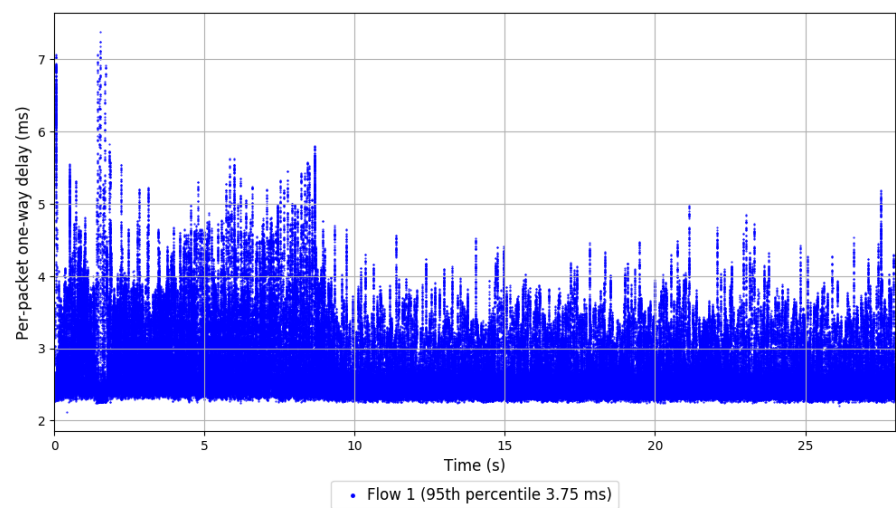
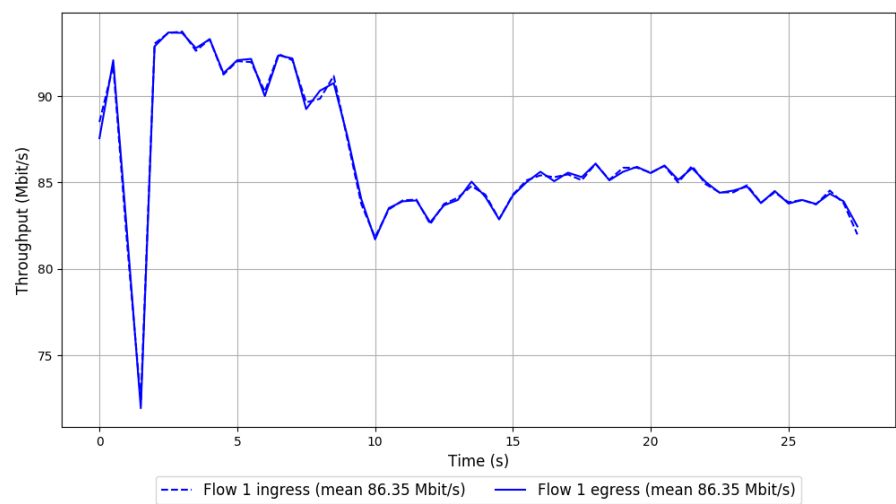
-- Flow 1:

Average throughput: 86.35 Mbit/s

95th percentile per-packet one-way delay: 3.749 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2017-12-19 22:28:12

End at: 2017-12-19 22:28:42

Local clock offset: 0.218 ms

Remote clock offset: 0.556 ms

Below is generated by plot.py at 2017-12-20 01:36:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.47 Mbit/s

95th percentile per-packet one-way delay: 4.232 ms

Loss rate: 0.00%

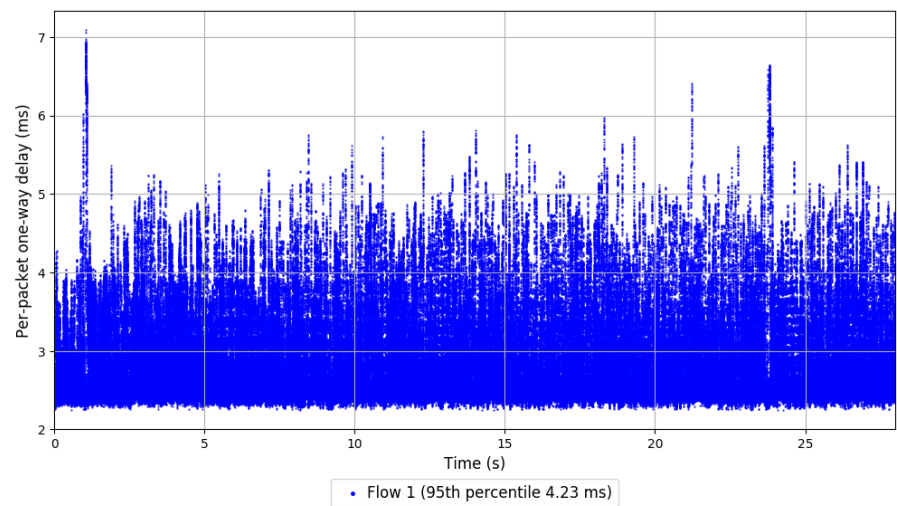
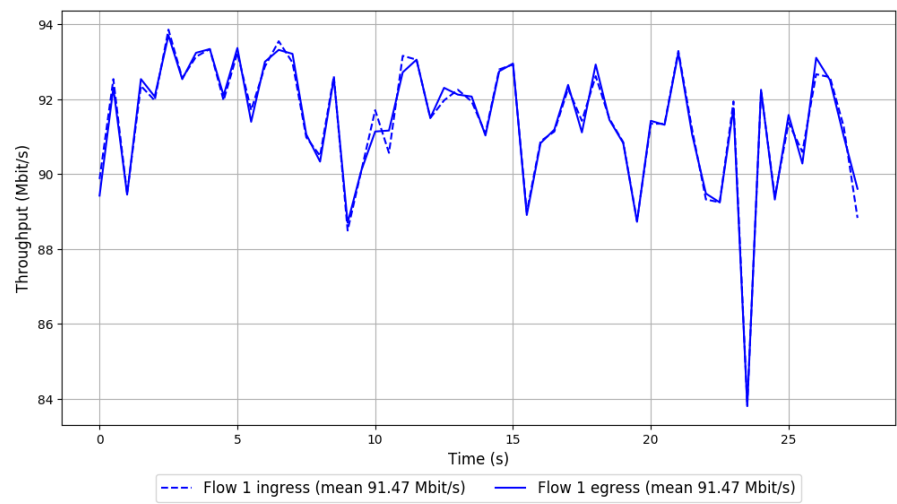
-- Flow 1:

Average throughput: 91.47 Mbit/s

95th percentile per-packet one-way delay: 4.232 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2017-12-19 22:45:12

End at: 2017-12-19 22:45:42

Local clock offset: 0.233 ms

Remote clock offset: 0.702 ms

Below is generated by plot.py at 2017-12-20 01:36:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.72 Mbit/s

95th percentile per-packet one-way delay: 4.247 ms

Loss rate: 0.00%

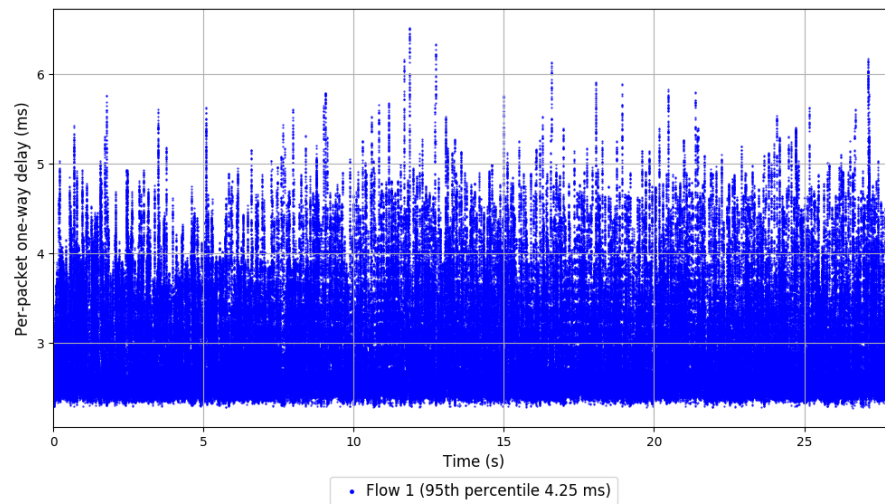
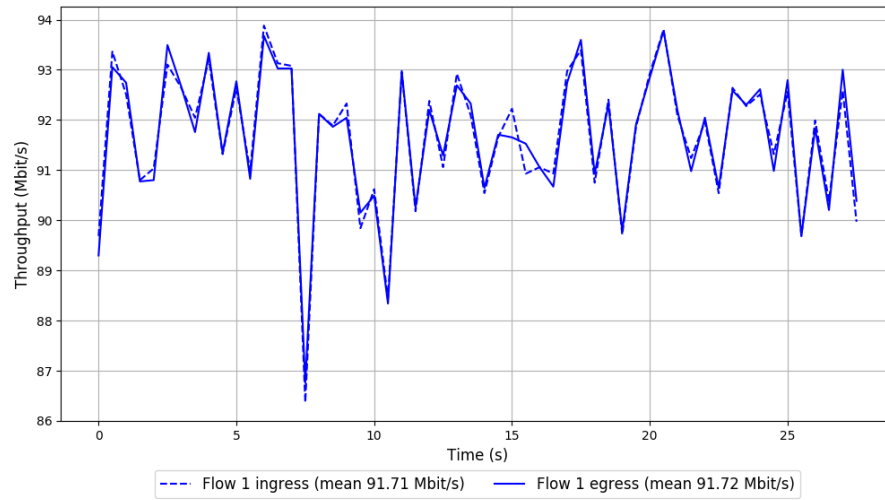
-- Flow 1:

Average throughput: 91.72 Mbit/s

95th percentile per-packet one-way delay: 4.247 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2017-12-19 23:02:09

End at: 2017-12-19 23:02:39

Local clock offset: 0.209 ms

Remote clock offset: 0.789 ms

Below is generated by plot.py at 2017-12-20 01:37:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.72 Mbit/s

95th percentile per-packet one-way delay: 4.299 ms

Loss rate: 0.00%

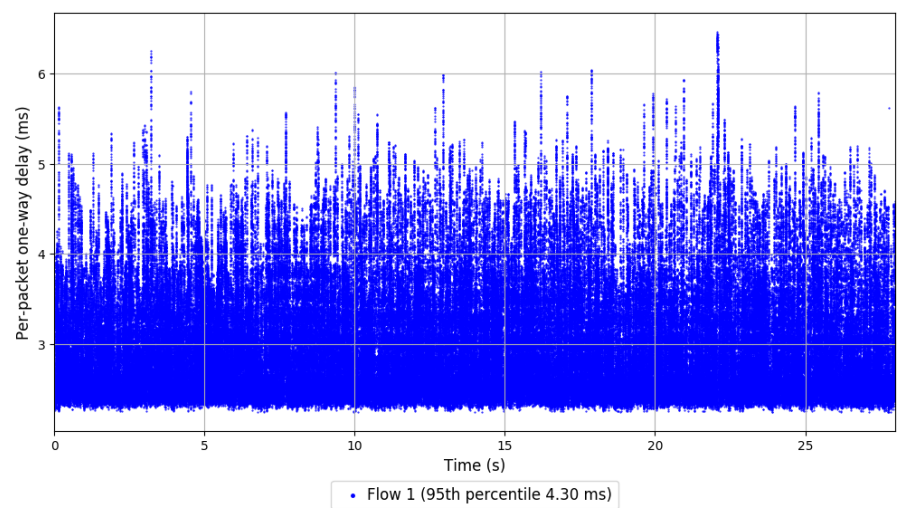
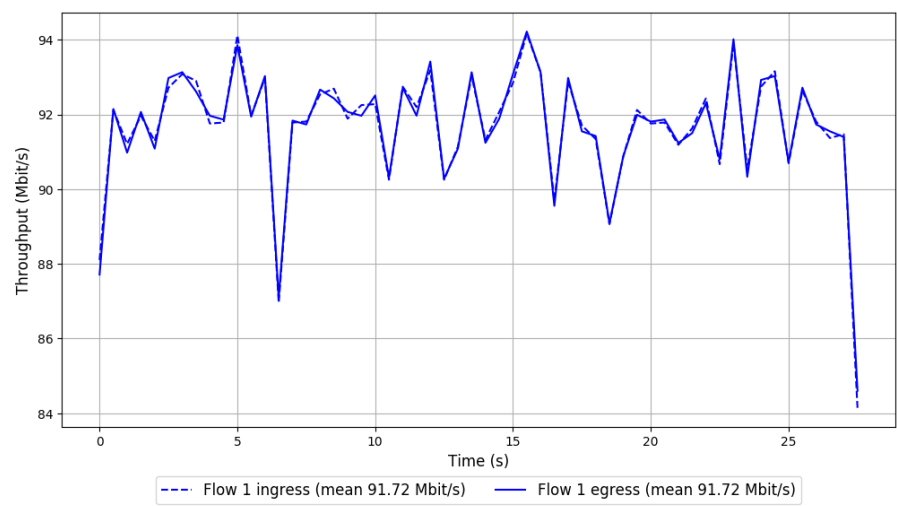
-- Flow 1:

Average throughput: 91.72 Mbit/s

95th percentile per-packet one-way delay: 4.299 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2017-12-19 23:19:04

End at: 2017-12-19 23:19:34

Local clock offset: 0.16 ms

Remote clock offset: 0.856 ms

Below is generated by plot.py at 2017-12-20 01:37:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.75 Mbit/s

95th percentile per-packet one-way delay: 4.264 ms

Loss rate: 0.00%

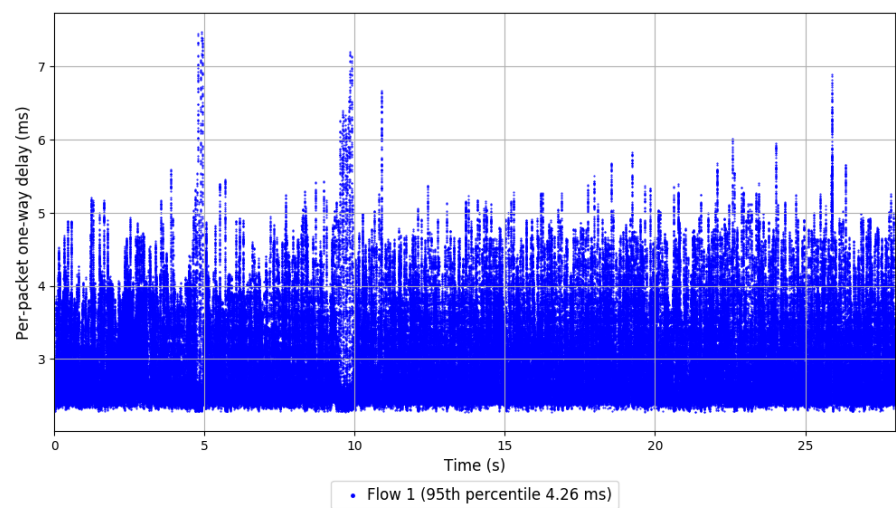
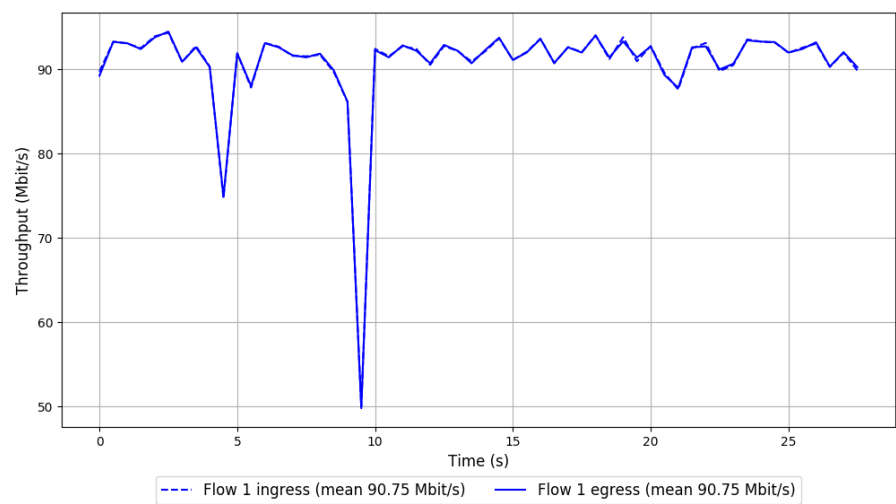
-- Flow 1:

Average throughput: 90.75 Mbit/s

95th percentile per-packet one-way delay: 4.264 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2017-12-19 23:35:55

End at: 2017-12-19 23:36:26

Local clock offset: 0.106 ms

Remote clock offset: 0.846 ms

Below is generated by plot.py at 2017-12-20 01:37:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.44 Mbit/s

95th percentile per-packet one-way delay: 4.268 ms

Loss rate: 0.00%

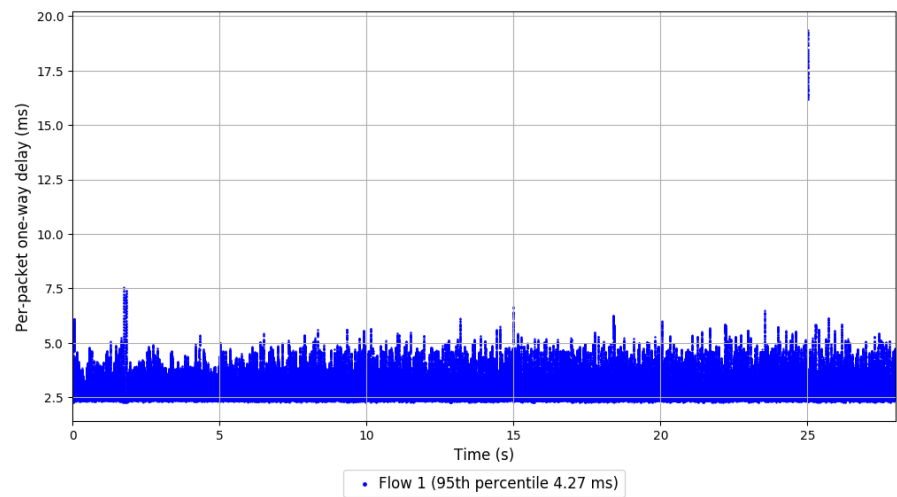
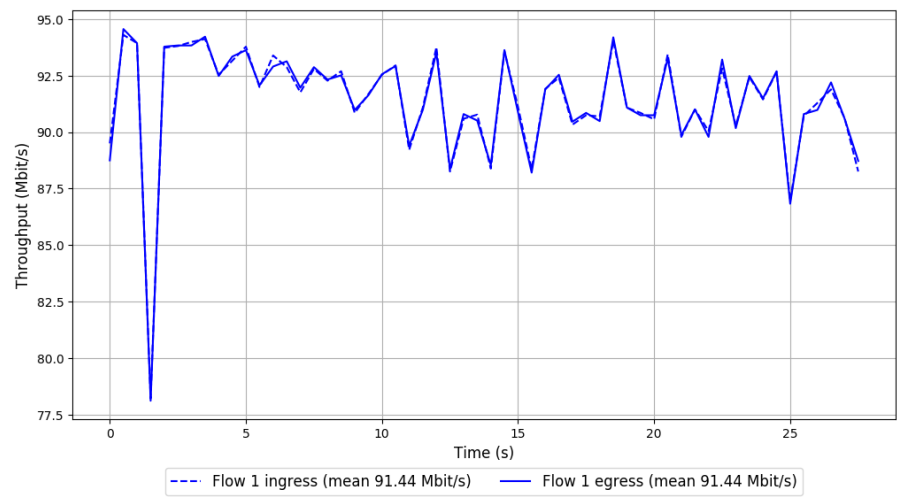
-- Flow 1:

Average throughput: 91.44 Mbit/s

95th percentile per-packet one-way delay: 4.268 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2017-12-19 23:52:56

End at: 2017-12-19 23:53:26

Local clock offset: 0.107 ms

Remote clock offset: 0.852 ms

Below is generated by plot.py at 2017-12-20 01:37:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.14 Mbit/s

95th percentile per-packet one-way delay: 4.291 ms

Loss rate: 0.00%

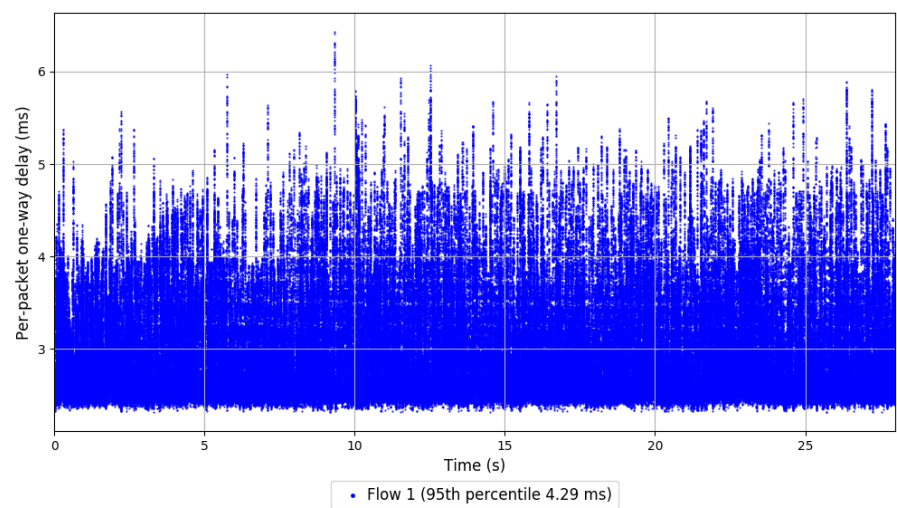
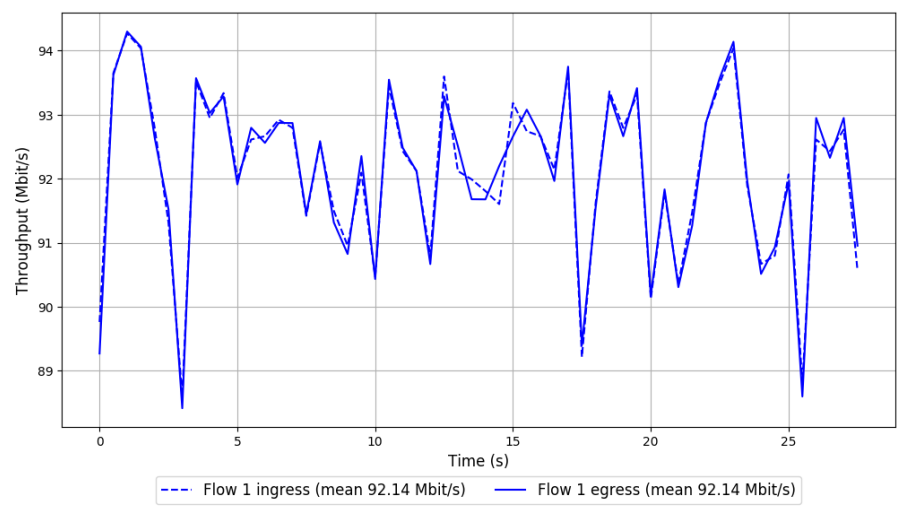
-- Flow 1:

Average throughput: 92.14 Mbit/s

95th percentile per-packet one-way delay: 4.291 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2017-12-20 00:09:56

End at: 2017-12-20 00:10:26

Local clock offset: 0.1 ms

Remote clock offset: 0.858 ms

Below is generated by plot.py at 2017-12-20 01:37:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.44 Mbit/s

95th percentile per-packet one-way delay: 4.361 ms

Loss rate: 0.00%

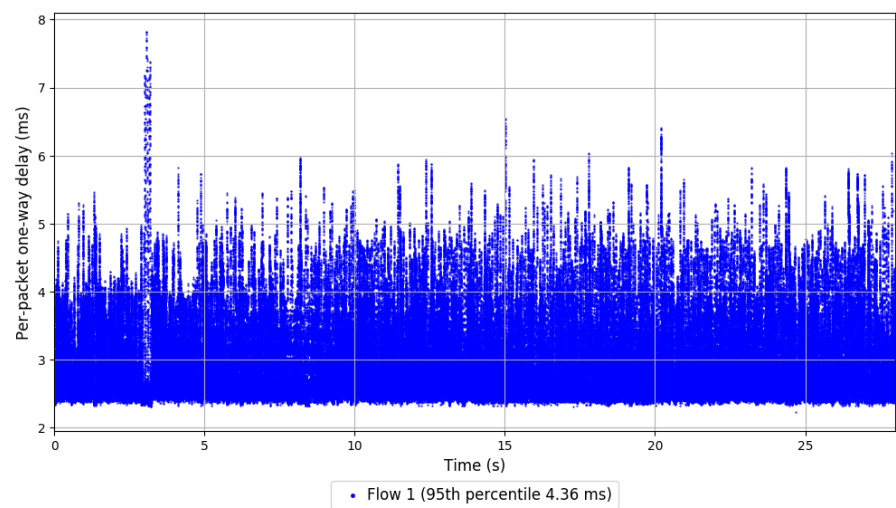
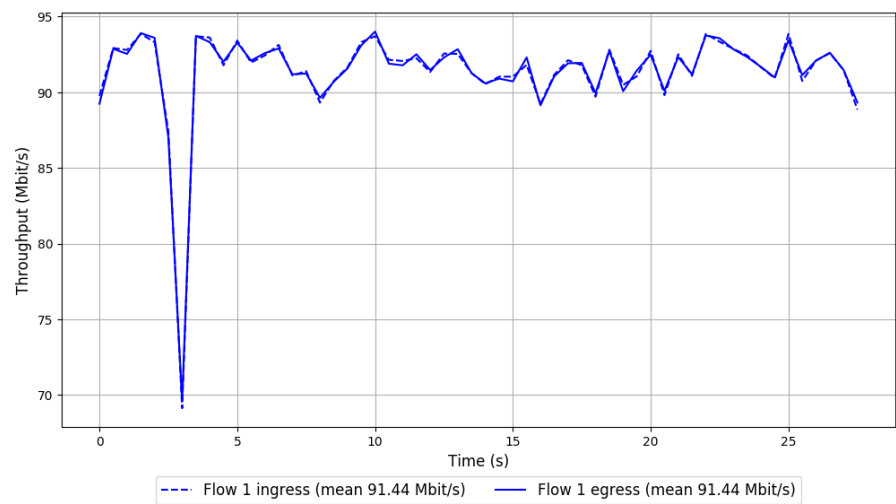
-- Flow 1:

Average throughput: 91.44 Mbit/s

95th percentile per-packet one-way delay: 4.361 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-12-20 00:26:56

End at: 2017-12-20 00:27:26

Local clock offset: 0.163 ms

Remote clock offset: 0.722 ms

Below is generated by plot.py at 2017-12-20 01:39:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.26 Mbit/s

95th percentile per-packet one-way delay: 4.290 ms

Loss rate: 0.00%

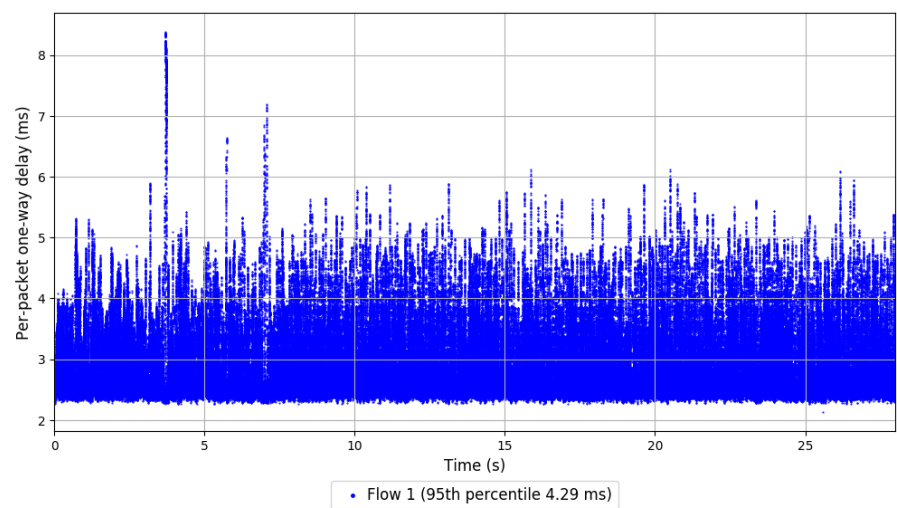
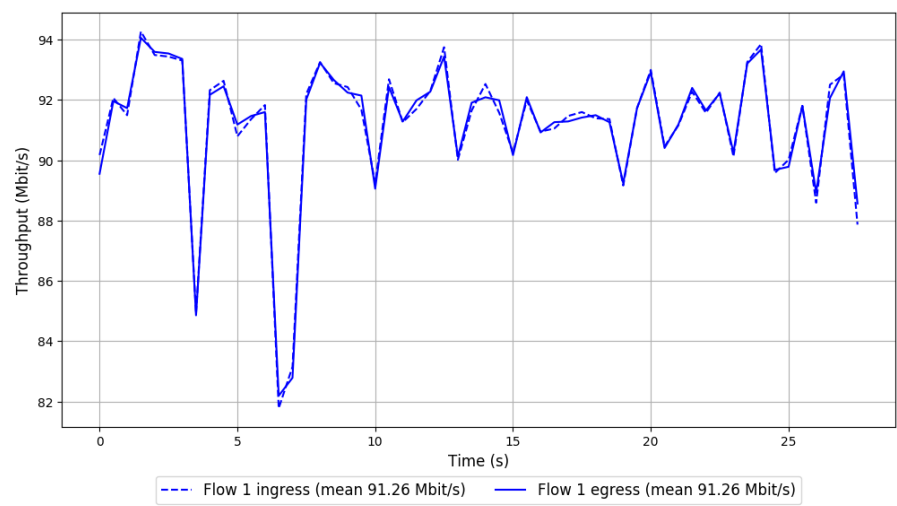
-- Flow 1:

Average throughput: 91.26 Mbit/s

95th percentile per-packet one-way delay: 4.290 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-12-20 00:43:56

End at: 2017-12-20 00:44:26

Local clock offset: 0.132 ms

Remote clock offset: 0.483 ms

Below is generated by plot.py at 2017-12-20 01:39:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.50 Mbit/s

95th percentile per-packet one-way delay: 4.313 ms

Loss rate: 0.00%

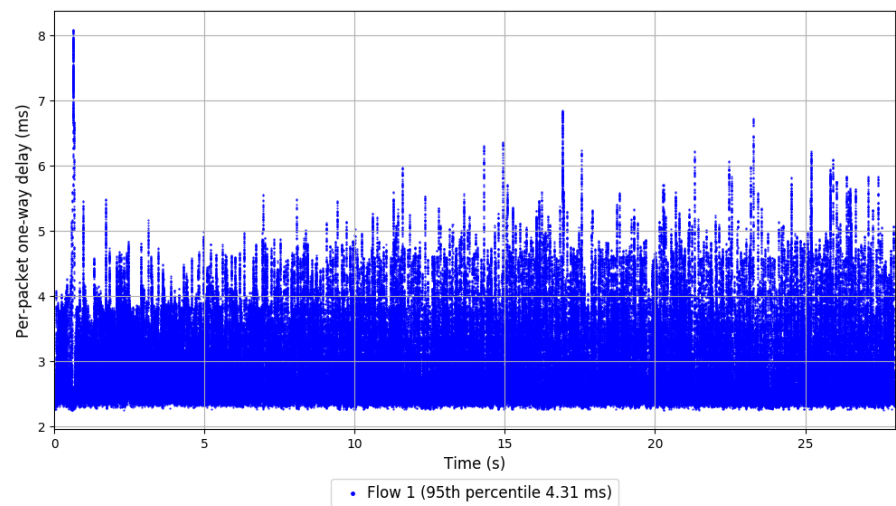
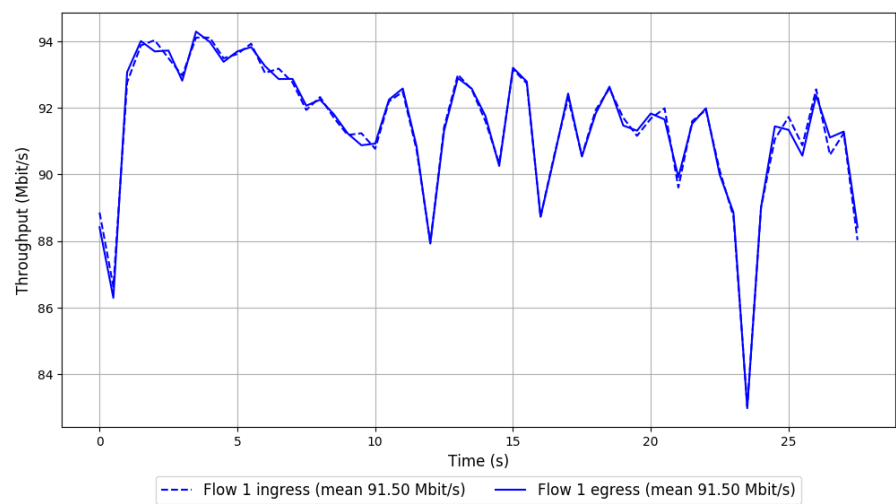
-- Flow 1:

Average throughput: 91.50 Mbit/s

95th percentile per-packet one-way delay: 4.313 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link

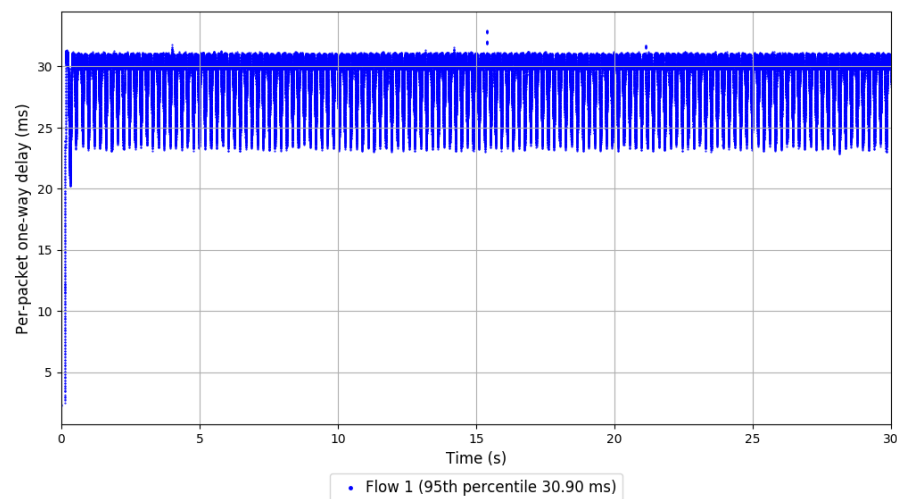
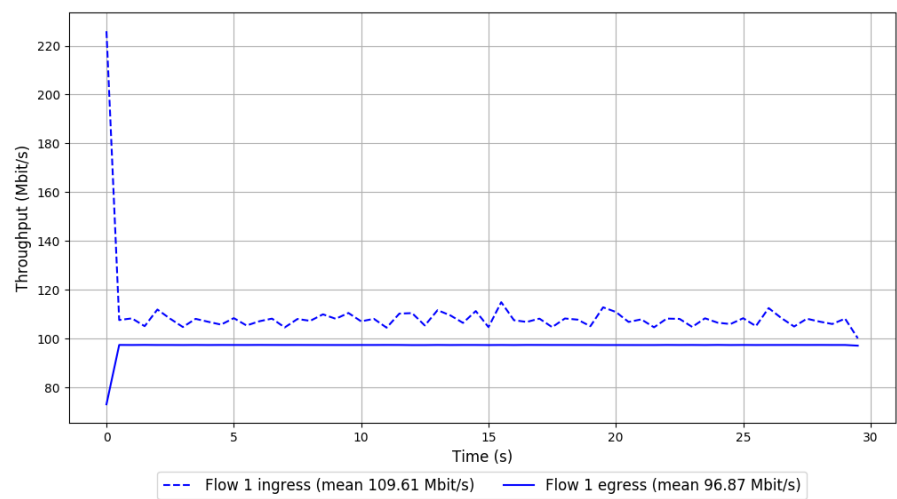


```
Run 1: Statistics of FillP

Start at: 2017-12-19 22:16:52
End at: 2017-12-19 22:17:22
Local clock offset: 0.207 ms
Remote clock offset: 0.505 ms

# Below is generated by plot.py at 2017-12-20 01:39:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 30.896 ms
Loss rate: 11.55%
-- Flow 1:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 30.896 ms
Loss rate: 11.55%
```


Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2017-12-19 22:33:51

End at: 2017-12-19 22:34:21

Local clock offset: 0.145 ms

Remote clock offset: 0.597 ms

Below is generated by plot.py at 2017-12-20 01:39:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 30.947 ms

Loss rate: 11.31%

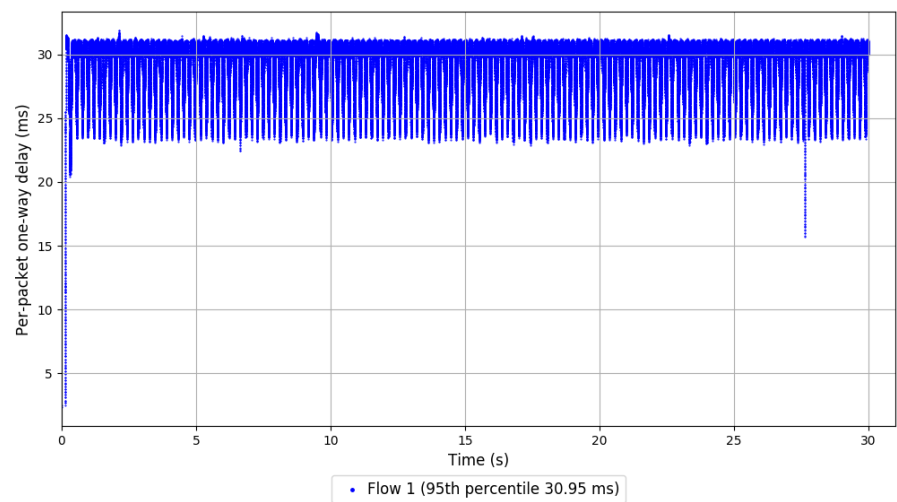
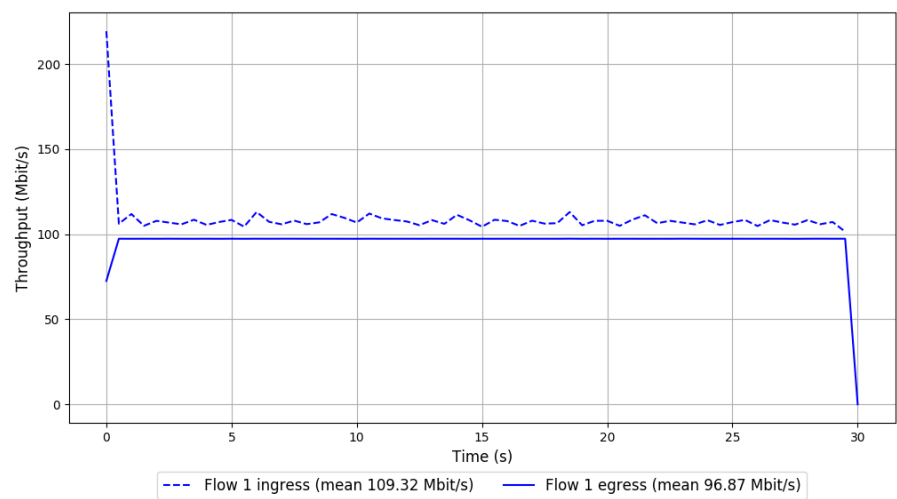
-- Flow 1:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 30.947 ms

Loss rate: 11.31%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2017-12-19 22:50:51

End at: 2017-12-19 22:51:21

Local clock offset: 0.172 ms

Remote clock offset: 0.654 ms

Below is generated by plot.py at 2017-12-20 01:39:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 30.859 ms

Loss rate: 11.46%

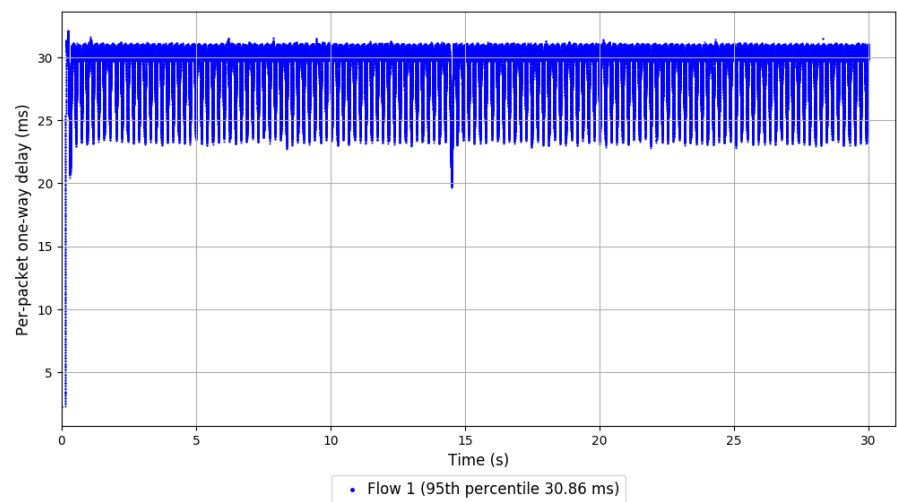
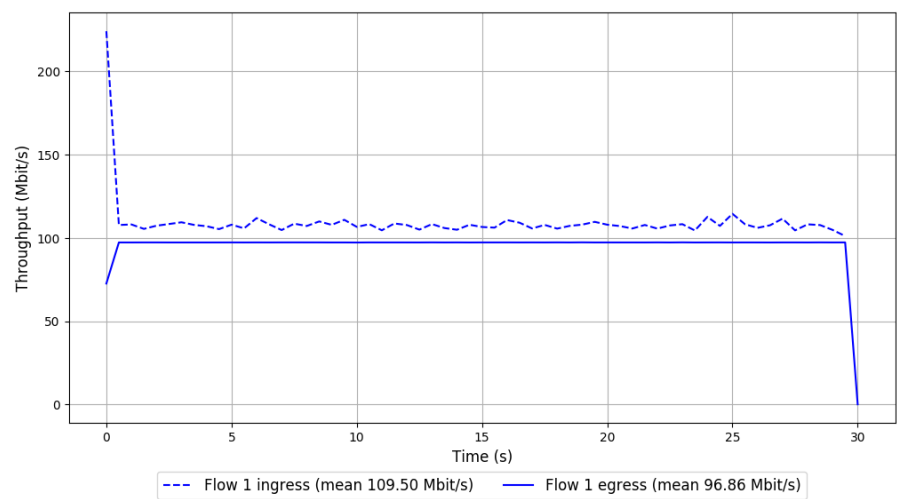
-- Flow 1:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 30.859 ms

Loss rate: 11.46%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2017-12-19 23:07:46

End at: 2017-12-19 23:08:16

Local clock offset: 0.188 ms

Remote clock offset: 0.809 ms

Below is generated by plot.py at 2017-12-20 01:39:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 30.855 ms

Loss rate: 11.77%

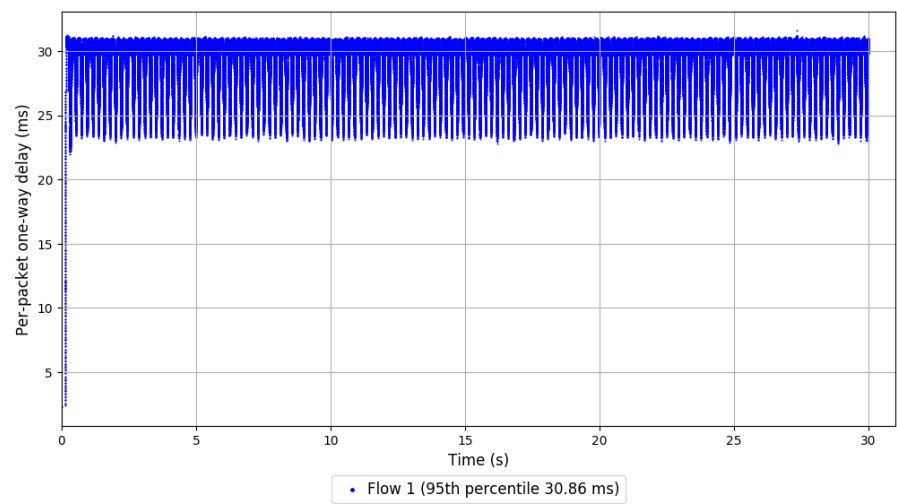
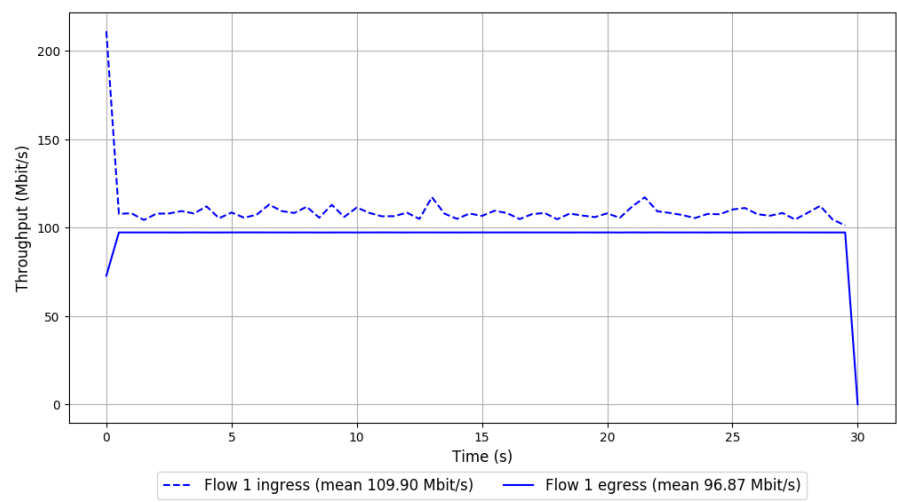
-- Flow 1:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 30.855 ms

Loss rate: 11.77%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2017-12-19 23:24:43

End at: 2017-12-19 23:25:13

Local clock offset: 0.085 ms

Remote clock offset: 0.861 ms

Below is generated by plot.py at 2017-12-20 01:39:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 30.933 ms

Loss rate: 11.60%

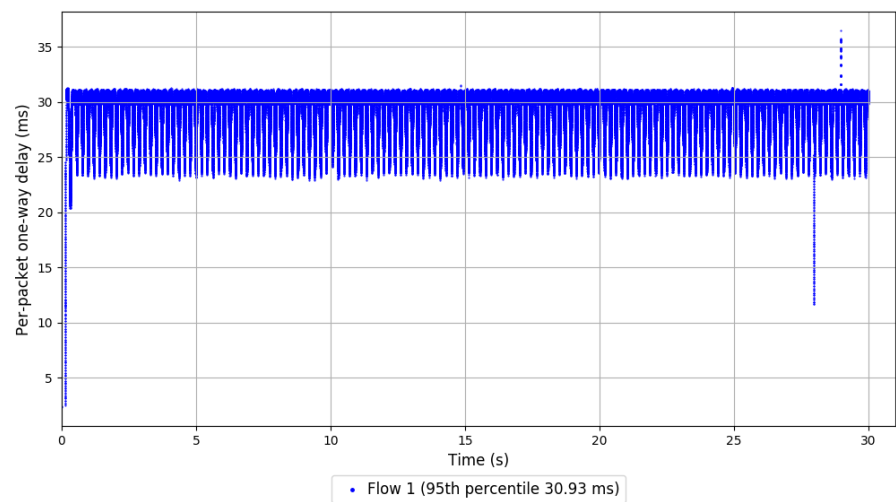
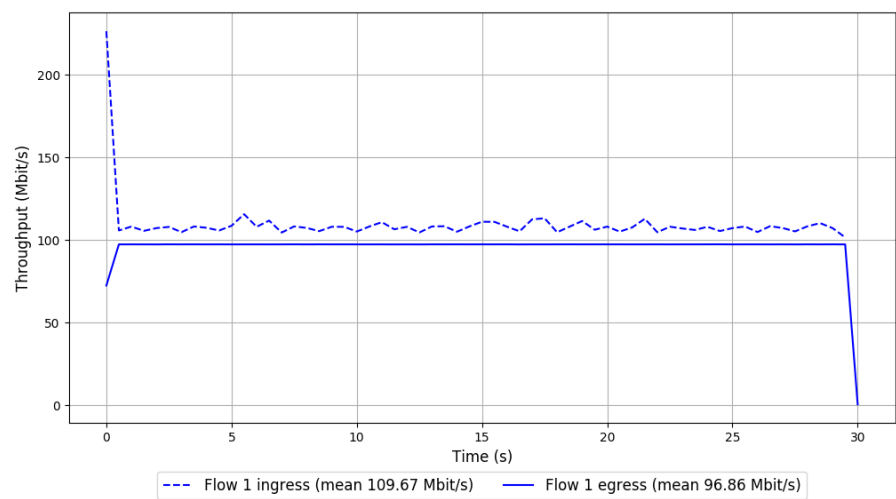
-- Flow 1:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 30.933 ms

Loss rate: 11.60%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2017-12-19 23:41:34

End at: 2017-12-19 23:42:04

Local clock offset: 0.096 ms

Remote clock offset: 0.908 ms

Below is generated by plot.py at 2017-12-20 01:39:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 30.943 ms

Loss rate: 11.42%

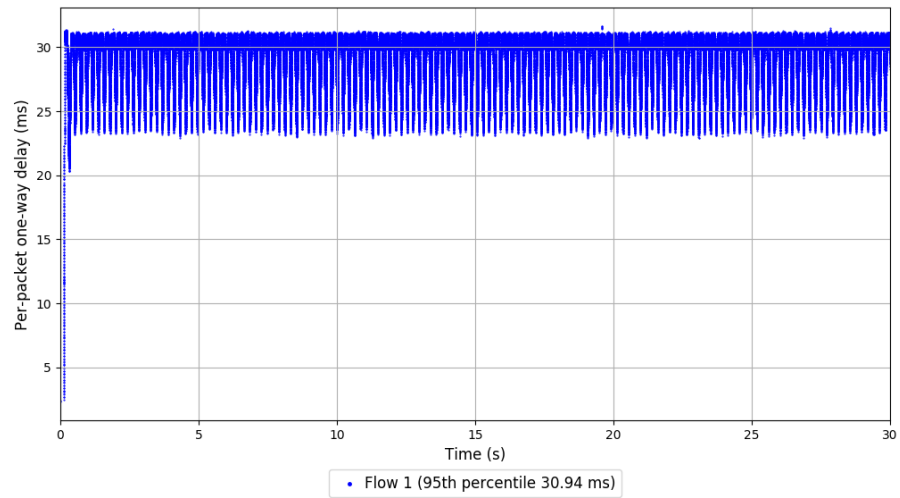
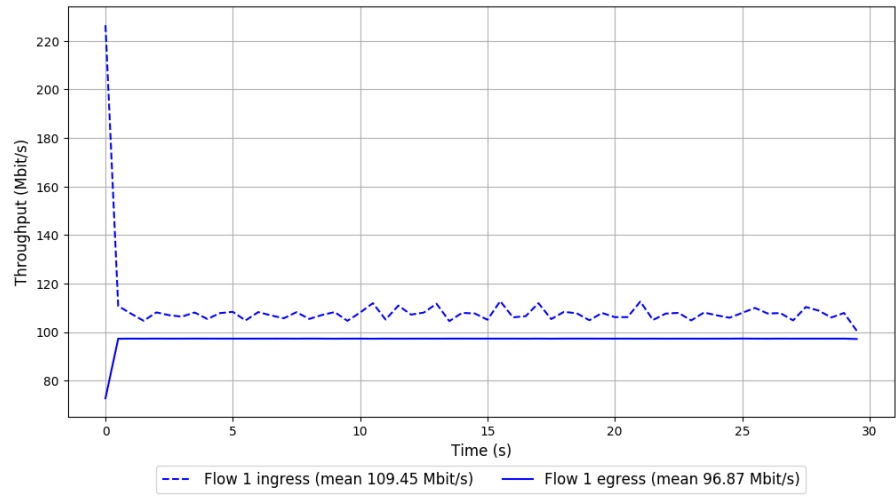
-- Flow 1:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 30.943 ms

Loss rate: 11.42%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2017-12-19 23:58:34

End at: 2017-12-19 23:59:05

Local clock offset: 0.162 ms

Remote clock offset: 0.856 ms

Below is generated by plot.py at 2017-12-20 01:40:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 30.860 ms

Loss rate: 11.97%

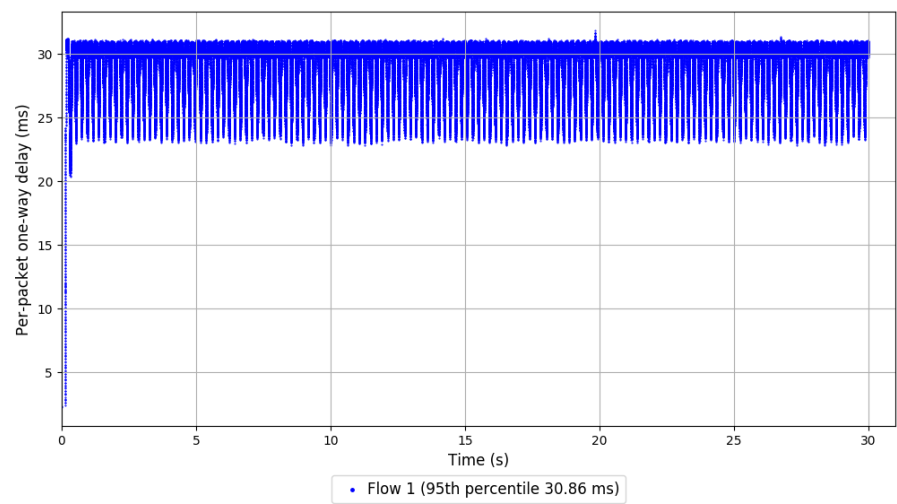
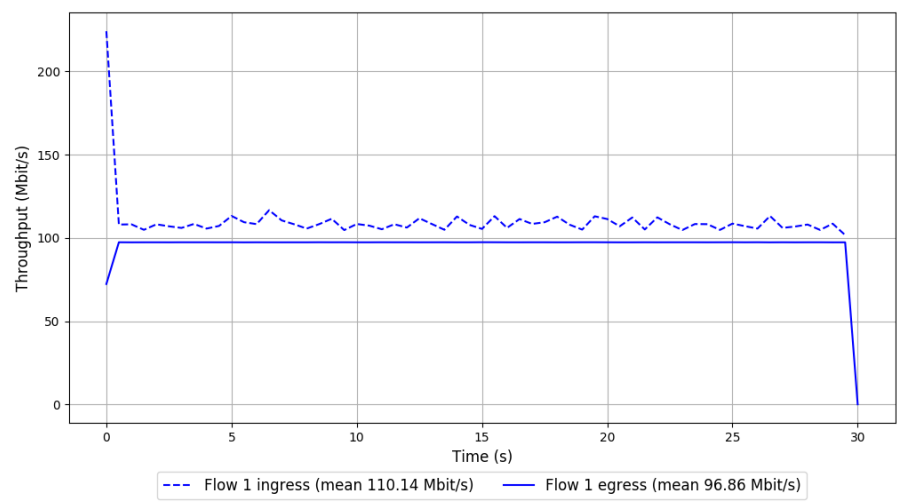
-- Flow 1:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 30.860 ms

Loss rate: 11.97%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2017-12-20 00:15:34

End at: 2017-12-20 00:16:05

Local clock offset: 0.111 ms

Remote clock offset: 0.865 ms

Below is generated by plot.py at 2017-12-20 01:40:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 30.945 ms

Loss rate: 11.71%

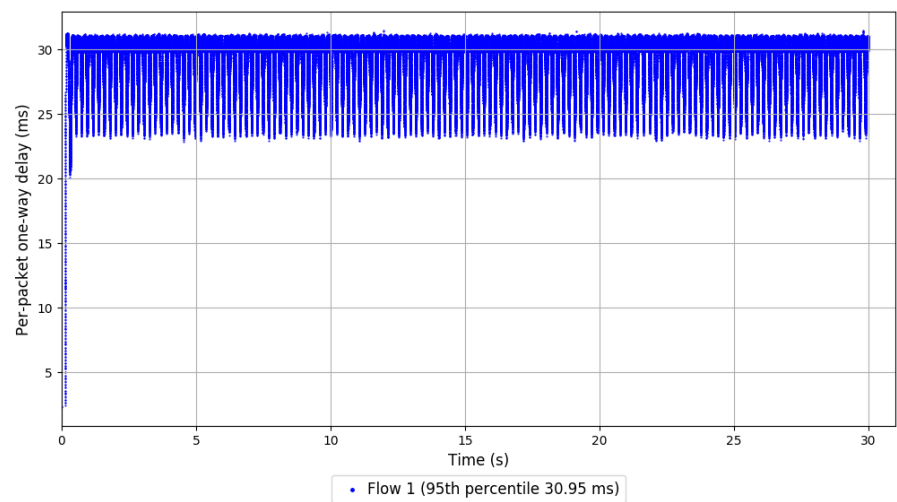
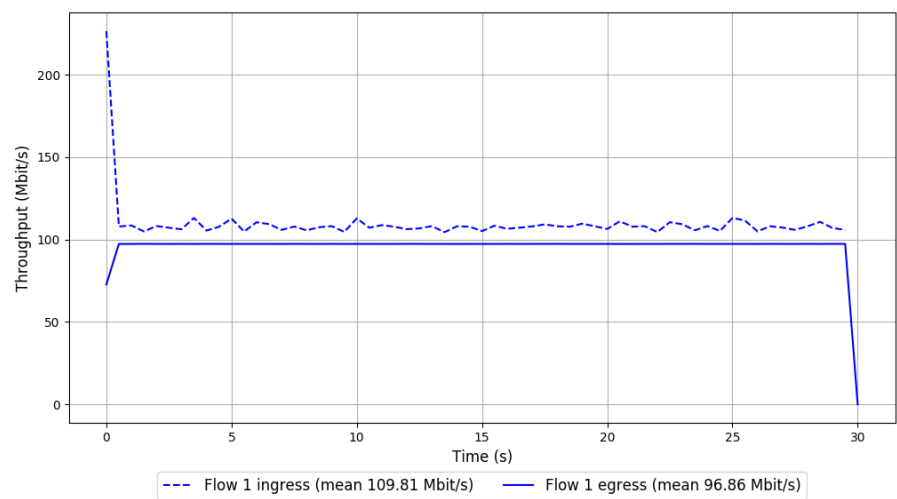
-- Flow 1:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 30.945 ms

Loss rate: 11.71%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2017-12-20 00:32:35

End at: 2017-12-20 00:33:05

Local clock offset: 0.152 ms

Remote clock offset: 0.667 ms

Below is generated by plot.py at 2017-12-20 01:40:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 30.873 ms

Loss rate: 11.34%

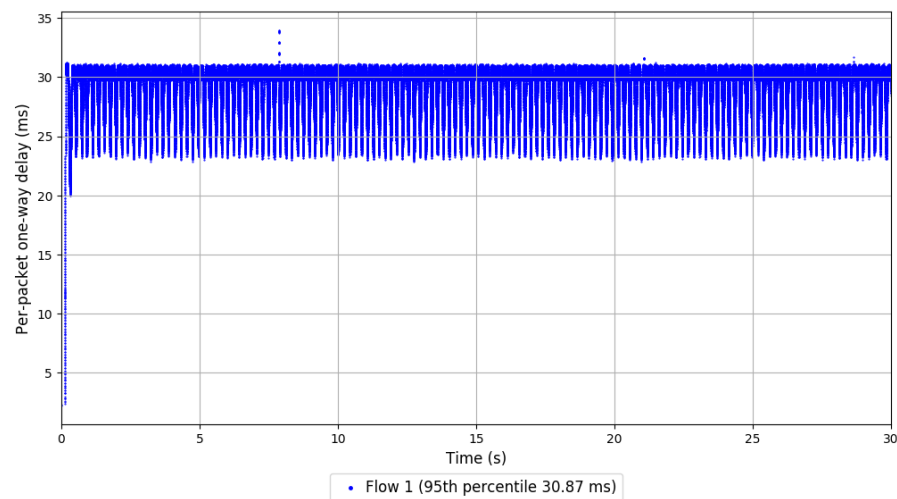
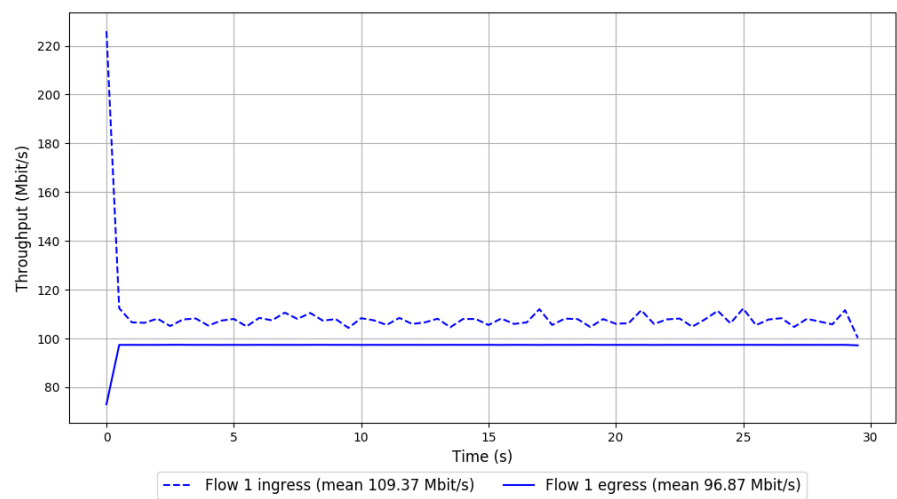
-- Flow 1:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 30.873 ms

Loss rate: 11.34%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2017-12-20 00:49:39

End at: 2017-12-20 00:50:09

Local clock offset: 0.129 ms

Remote clock offset: 0.423 ms

Below is generated by plot.py at 2017-12-20 01:40:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.88 Mbit/s

95th percentile per-packet one-way delay: 30.873 ms

Loss rate: 11.68%

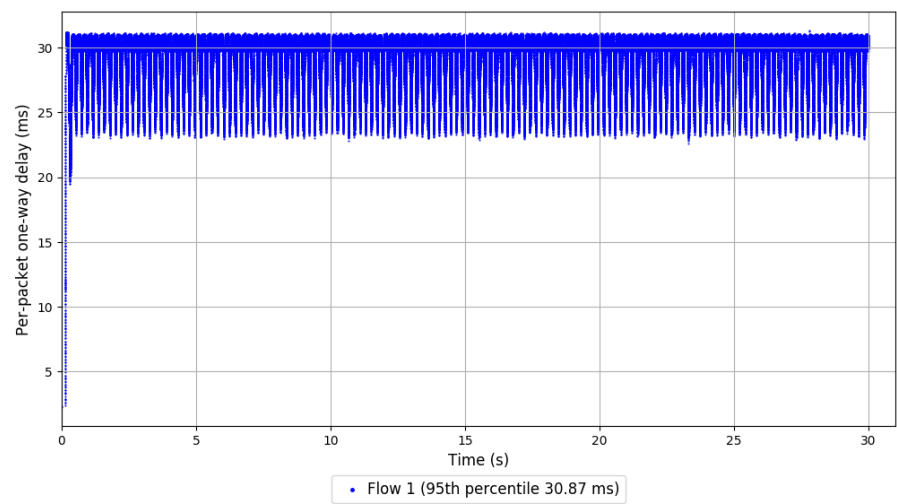
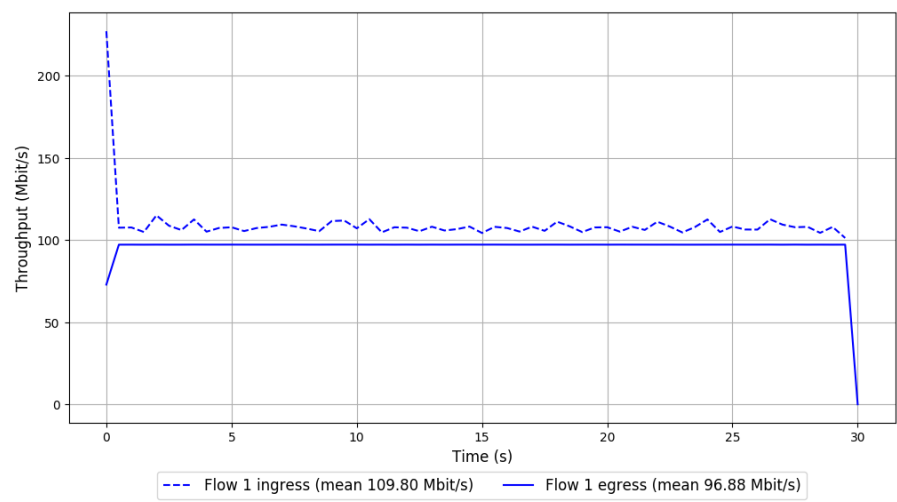
-- Flow 1:

Average throughput: 96.88 Mbit/s

95th percentile per-packet one-way delay: 30.873 ms

Loss rate: 11.68%

Run 10: Report of FillP — Data Link

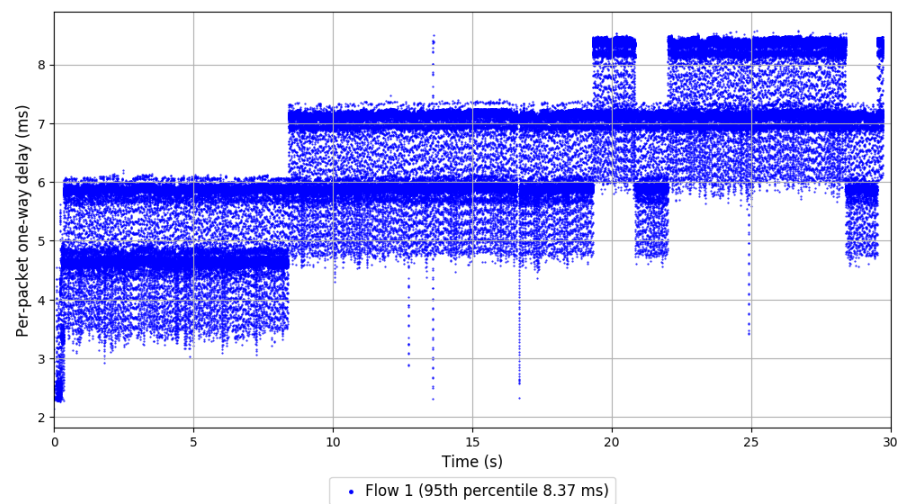
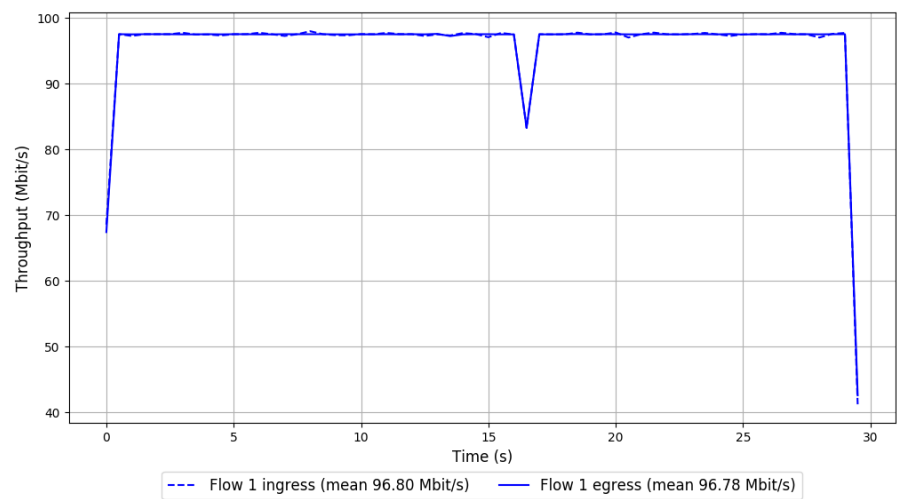


```
Run 1: Statistics of Indigo

Start at: 2017-12-19 22:05:37
End at: 2017-12-19 22:06:07
Local clock offset: 0.224 ms
Remote clock offset: 0.438 ms

# Below is generated by plot.py at 2017-12-20 01:40:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 8.369 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 8.369 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

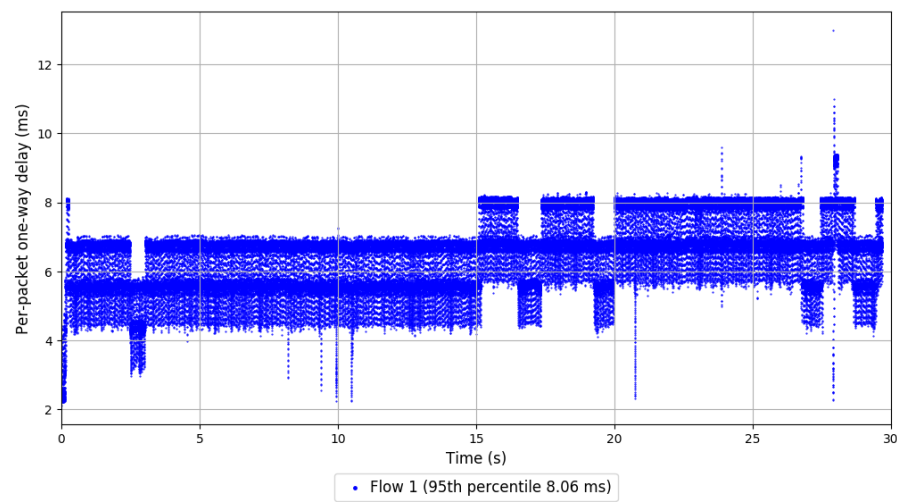
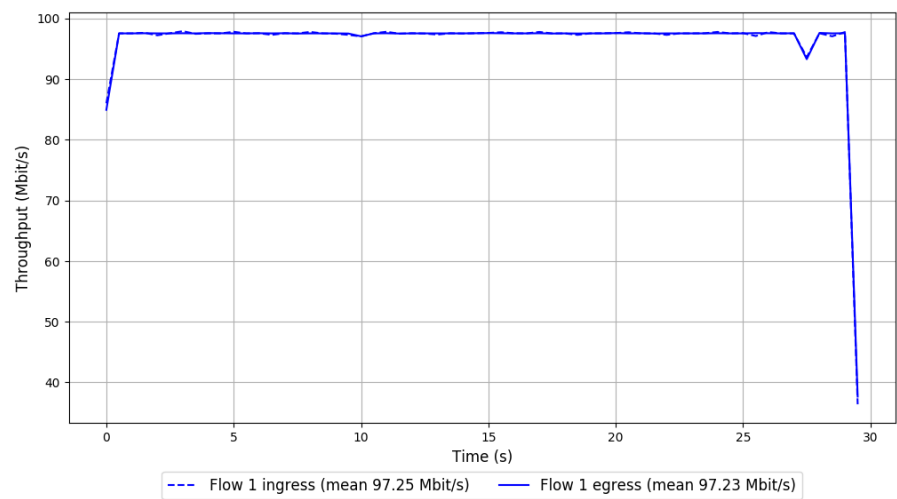


```
Run 2: Statistics of Indigo

Start at: 2017-12-19 22:22:33
End at: 2017-12-19 22:23:03
Local clock offset: 0.223 ms
Remote clock offset: 0.458 ms

# Below is generated by plot.py at 2017-12-20 01:40:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 8.064 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 8.064 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-12-19 22:39:32

End at: 2017-12-19 22:40:02

Local clock offset: 0.213 ms

Remote clock offset: 0.632 ms

Below is generated by plot.py at 2017-12-20 01:40:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 8.141 ms

Loss rate: 0.00%

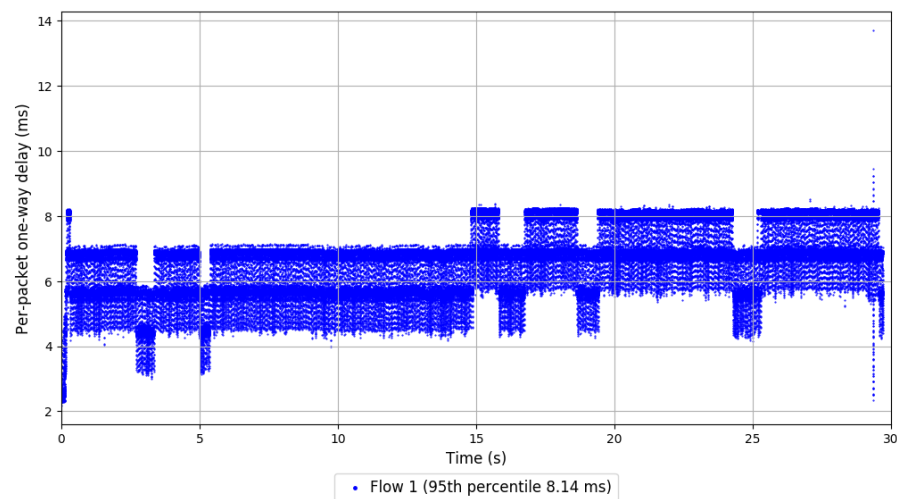
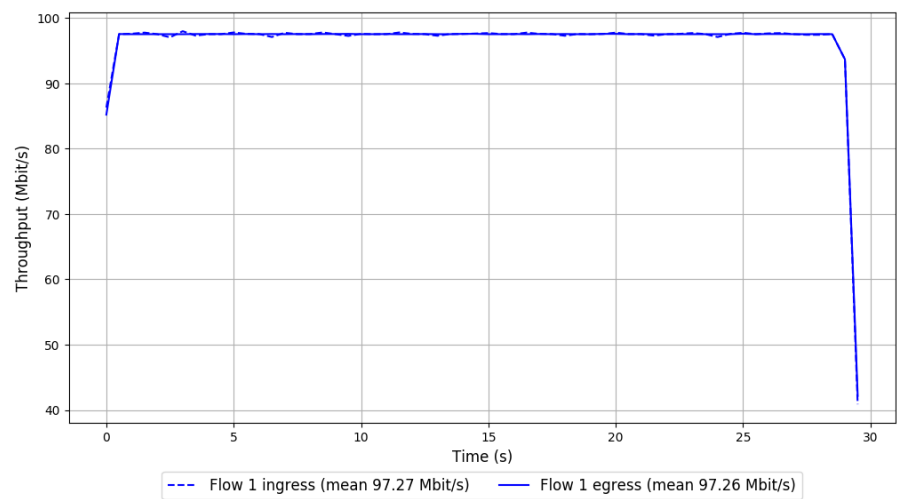
-- Flow 1:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 8.141 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-12-19 22:56:29

End at: 2017-12-19 22:56:59

Local clock offset: 0.212 ms

Remote clock offset: 0.683 ms

Below is generated by plot.py at 2017-12-20 01:40:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 8.090 ms

Loss rate: 0.00%

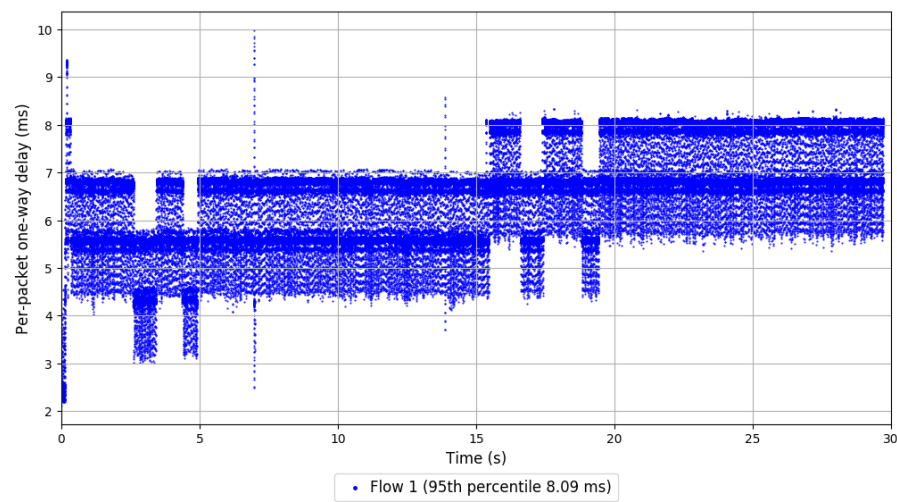
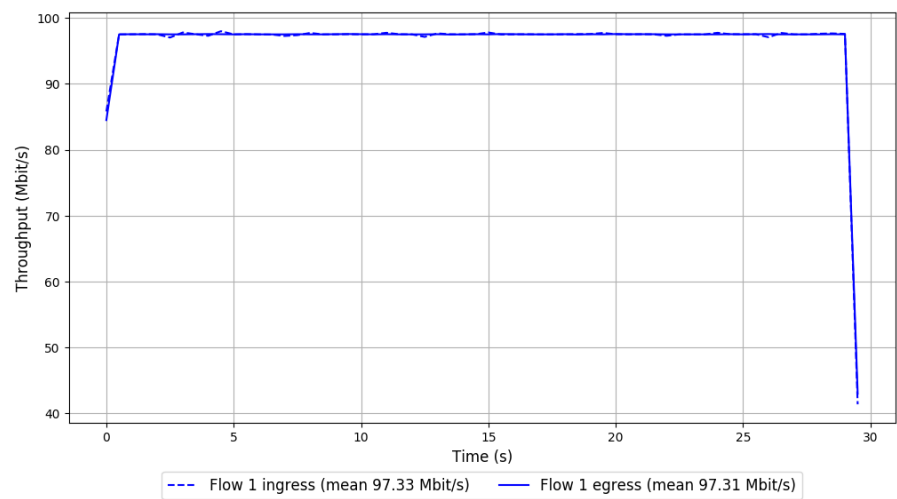
-- Flow 1:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 8.090 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-12-19 23:13:27

End at: 2017-12-19 23:13:57

Local clock offset: 0.184 ms

Remote clock offset: 0.811 ms

Below is generated by plot.py at 2017-12-20 01:41:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 8.138 ms

Loss rate: 0.00%

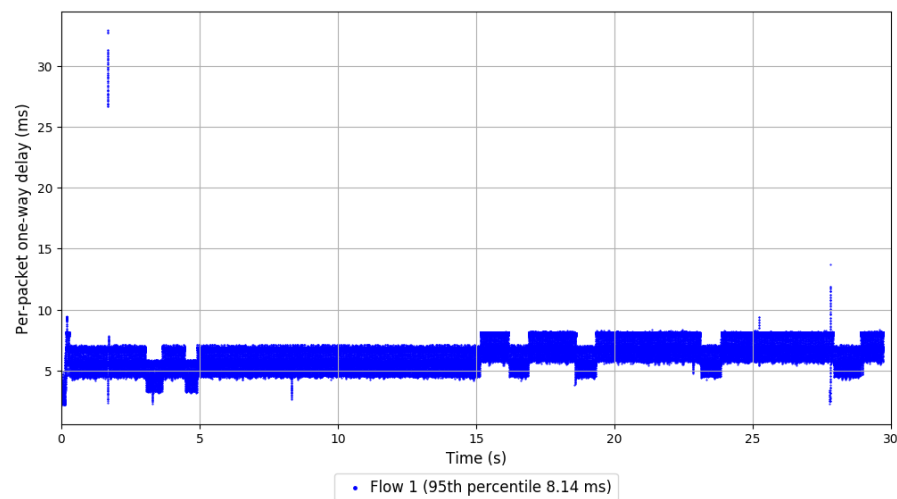
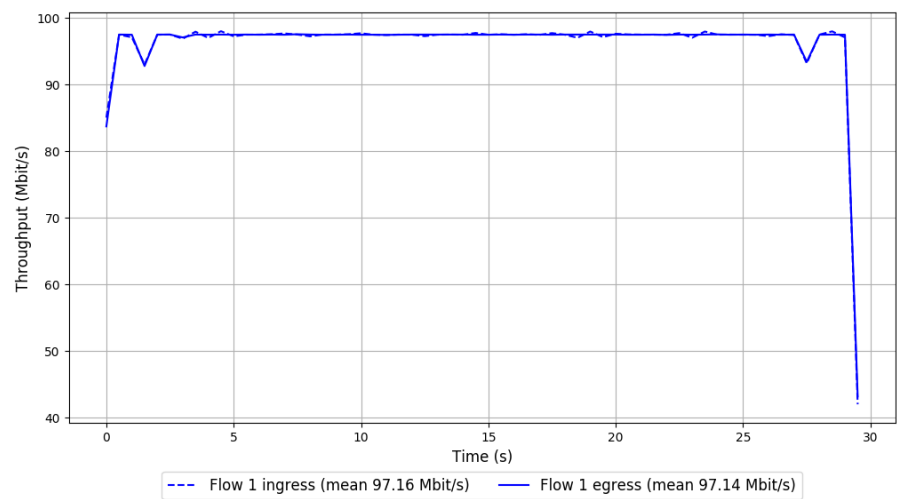
-- Flow 1:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 8.138 ms

Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-12-19 23:30:24

End at: 2017-12-19 23:30:54

Local clock offset: 0.156 ms

Remote clock offset: 0.815 ms

Below is generated by plot.py at 2017-12-20 01:41:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.28 Mbit/s

95th percentile per-packet one-way delay: 29.246 ms

Loss rate: 0.04%

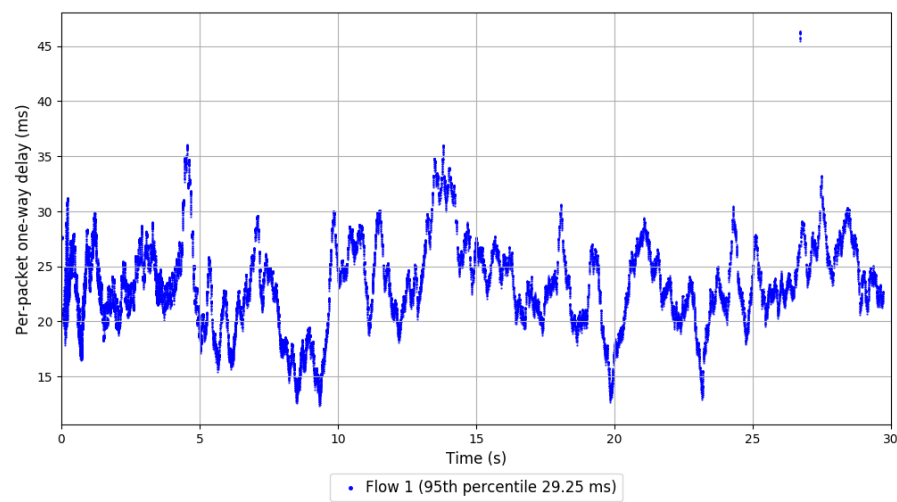
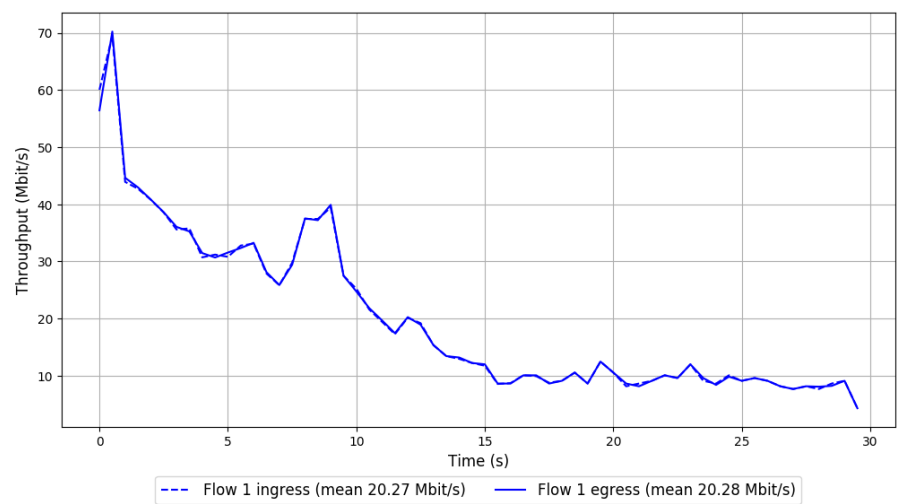
-- Flow 1:

Average throughput: 20.28 Mbit/s

95th percentile per-packet one-way delay: 29.246 ms

Loss rate: 0.04%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-12-19 23:47:16

End at: 2017-12-19 23:47:46

Local clock offset: 0.181 ms

Remote clock offset: 0.802 ms

Below is generated by plot.py at 2017-12-20 01:41:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.20 Mbit/s

95th percentile per-packet one-way delay: 8.087 ms

Loss rate: 0.00%

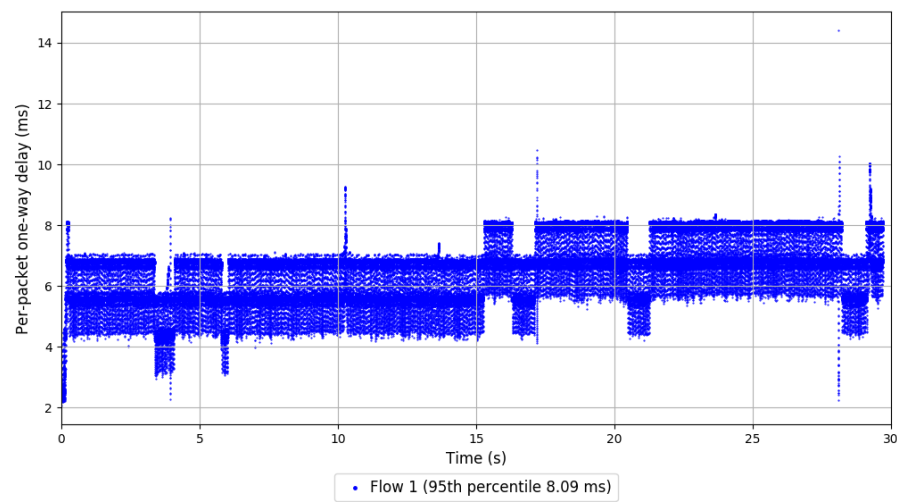
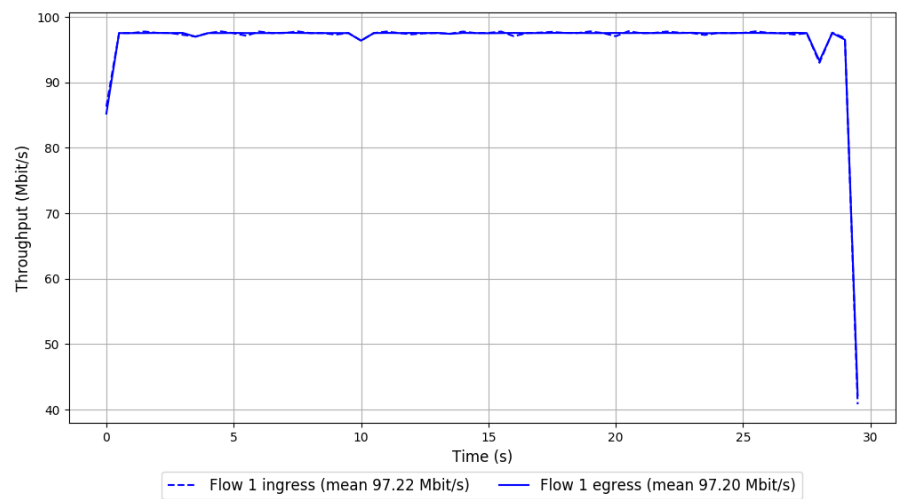
-- Flow 1:

Average throughput: 97.20 Mbit/s

95th percentile per-packet one-way delay: 8.087 ms

Loss rate: 0.00%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2017-12-20 00:04:16

End at: 2017-12-20 00:04:46

Local clock offset: 0.178 ms

Remote clock offset: 0.794 ms

Below is generated by plot.py at 2017-12-20 01:41:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 8.056 ms

Loss rate: 0.00%

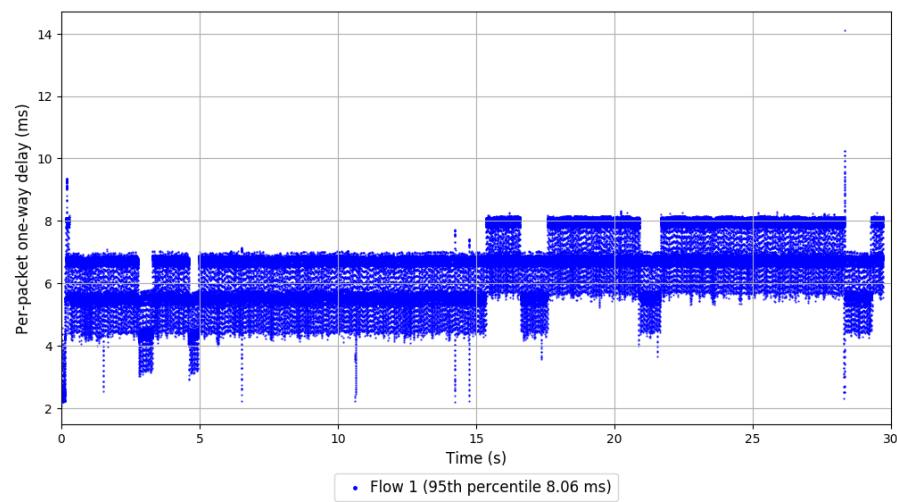
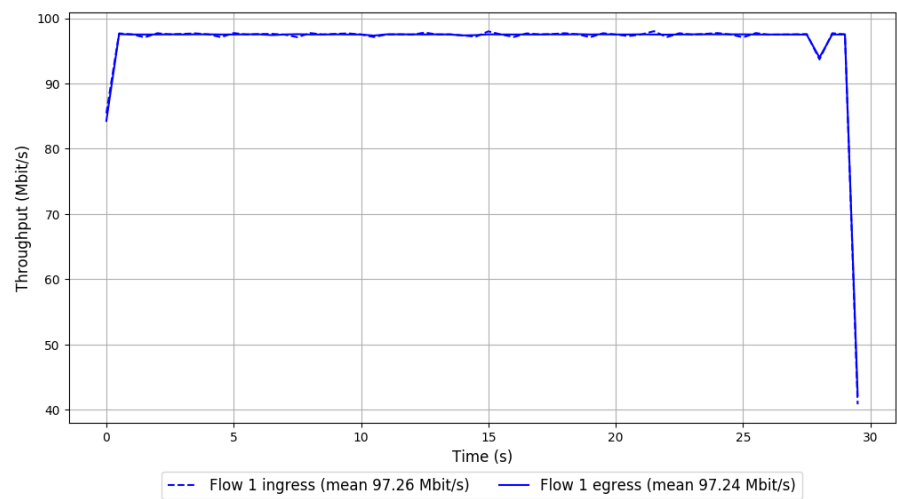
-- Flow 1:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 8.056 ms

Loss rate: 0.00%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-12-20 00:21:16

End at: 2017-12-20 00:21:46

Local clock offset: 0.098 ms

Remote clock offset: 0.714 ms

Below is generated by plot.py at 2017-12-20 01:41:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.99 Mbit/s

95th percentile per-packet one-way delay: 8.157 ms

Loss rate: 0.00%

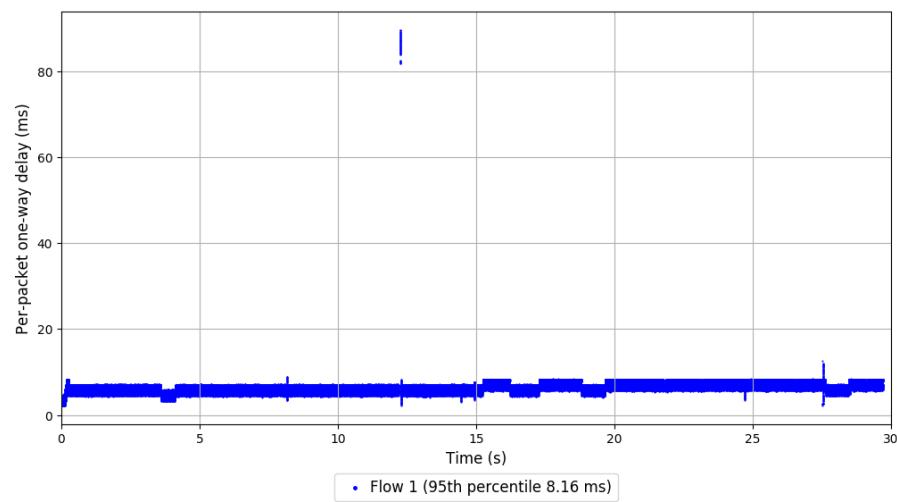
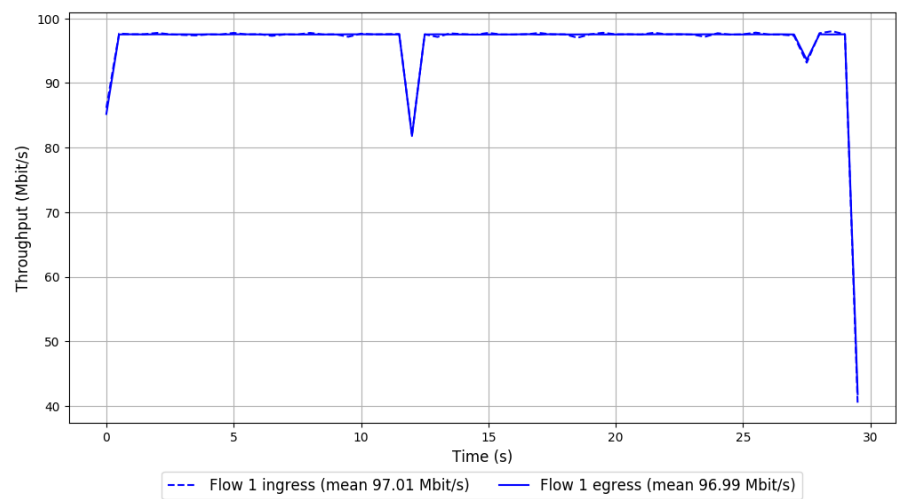
-- Flow 1:

Average throughput: 96.99 Mbit/s

95th percentile per-packet one-way delay: 8.157 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-12-20 00:38:16

End at: 2017-12-20 00:38:46

Local clock offset: 0.067 ms

Remote clock offset: 0.571 ms

Below is generated by plot.py at 2017-12-20 01:41:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 8.249 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 8.249 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

