

Pantheon Report

Generated at 2018-01-25 12:34:43 (UTC).

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

Repeated the test of 15 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).

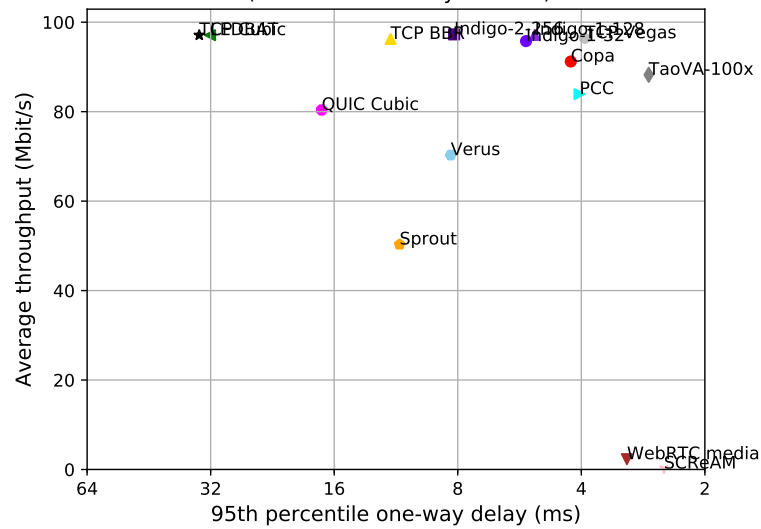
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

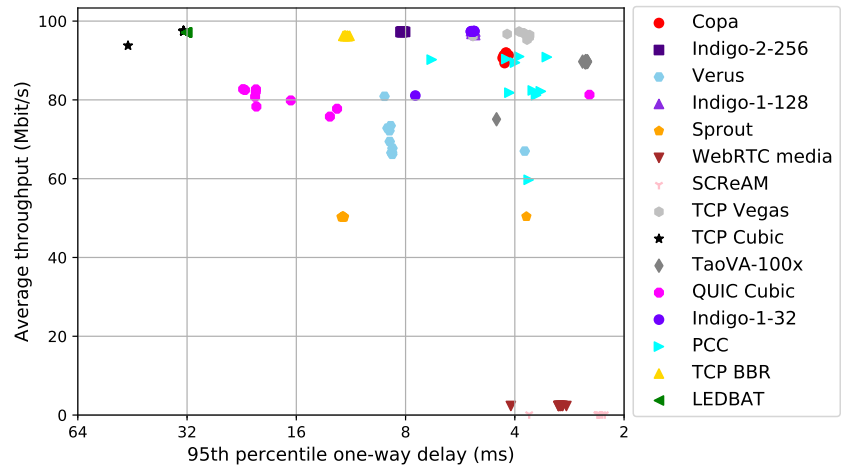
Git summary:

```
branch: master @ 636f858be90392c1dac0ee13c40fd1646f45f9e2
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 423cbca3e8ea1d599e7b5cf725835e8a2b6bfac6
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	96.26	11.66	0.00
TCP Cubic	10	97.11	34.12	0.02
LEDBAT	10	97.10	32.11	0.01
PCC	10	83.92	4.04	0.00
QUIC Cubic	10	80.38	17.17	0.05
SCReAM	7	0.22	2.52	0.00
WebRTC media	10	2.30	3.10	0.00
Sprout	10	50.31	11.09	0.00
TaoVA-100x	10	88.23	2.74	0.00
TCP Vegas	10	96.42	3.92	0.00
Verus	10	70.30	8.32	0.97
Copa	10	91.21	4.24	0.00
Indigo-2-256	10	97.28	8.17	0.00
Indigo-1-32	10	95.77	5.45	0.00
Indigo-1-128	10	97.16	5.20	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-01-25 08:44:05

End at: 2018-01-25 08:44:35

Local clock offset: 0.465 ms

Remote clock offset: -0.189 ms

Below is generated by plot.py at 2018-01-25 12:12:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 11.766 ms

Loss rate: 0.00%

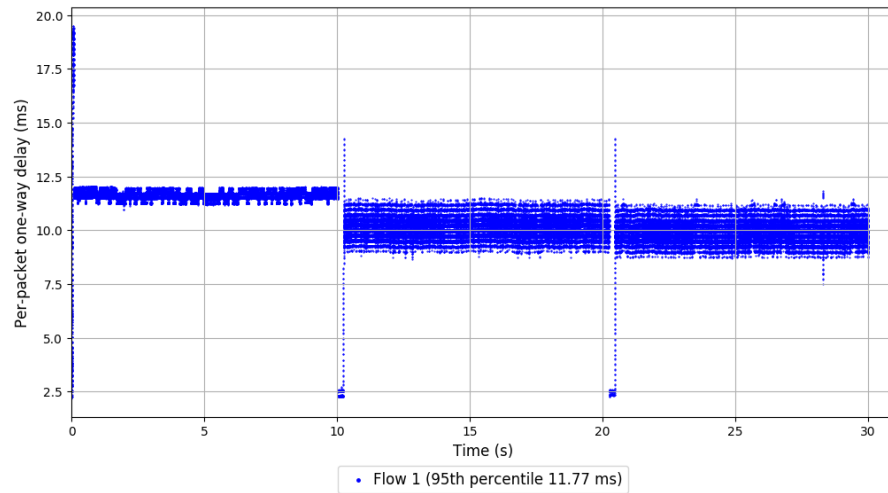
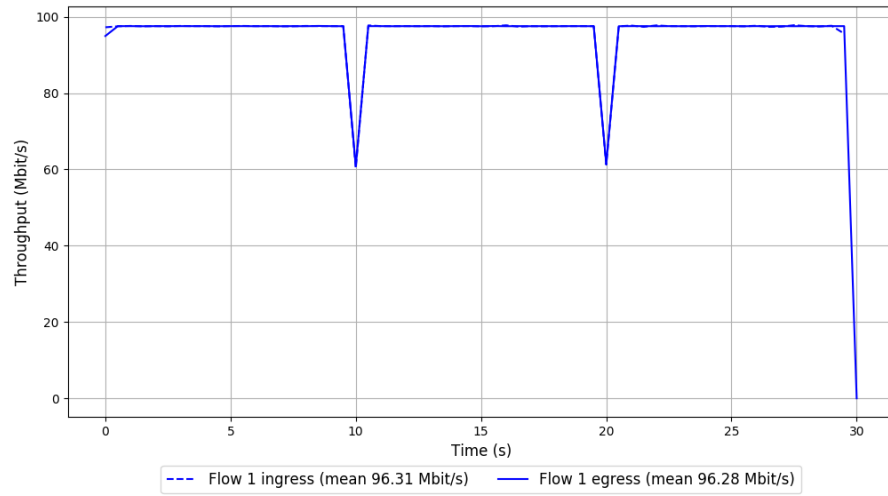
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 11.766 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-01-25 09:02:15

End at: 2018-01-25 09:02:45

Local clock offset: 0.423 ms

Remote clock offset: -0.231 ms

Below is generated by plot.py at 2018-01-25 12:12:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.568 ms

Loss rate: 0.00%

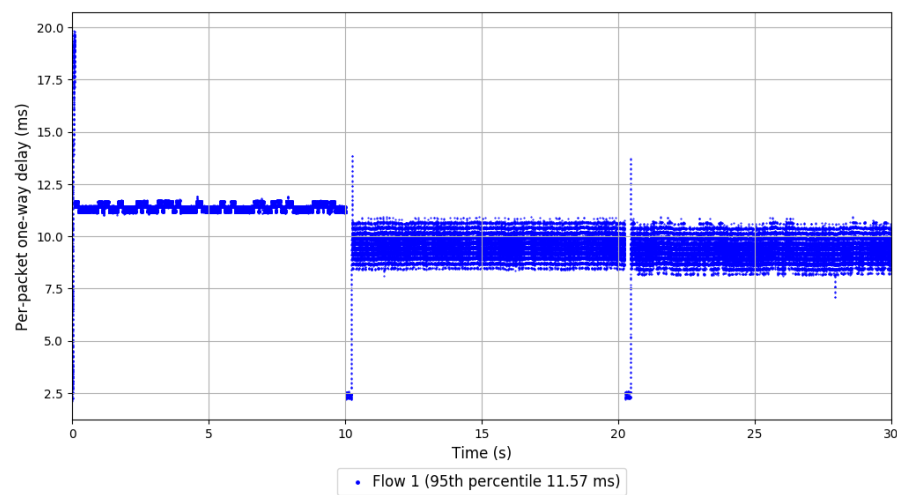
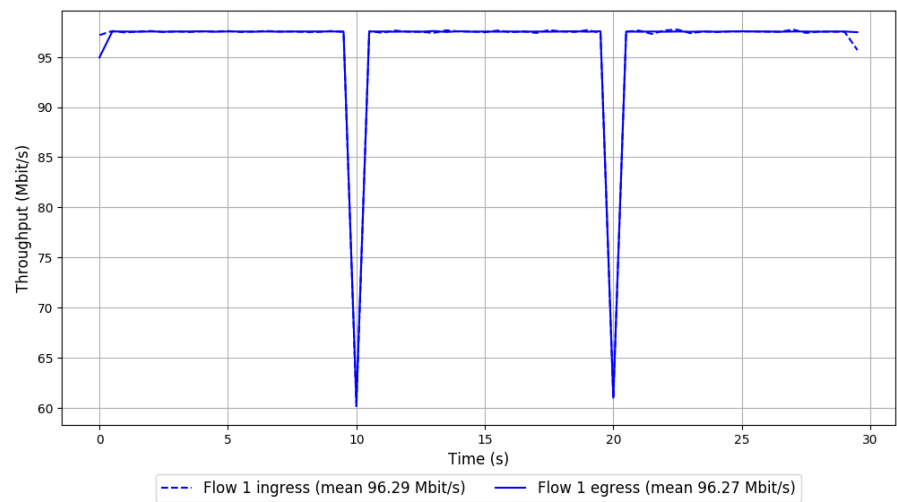
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.568 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-01-25 09:20:26

End at: 2018-01-25 09:20:56

Local clock offset: 0.38 ms

Remote clock offset: -0.163 ms

Below is generated by plot.py at 2018-01-25 12:12:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 11.555 ms

Loss rate: 0.00%

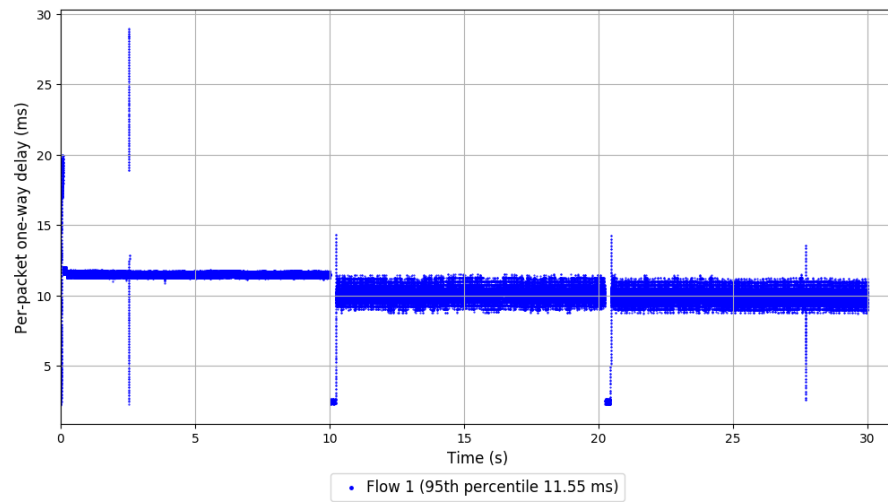
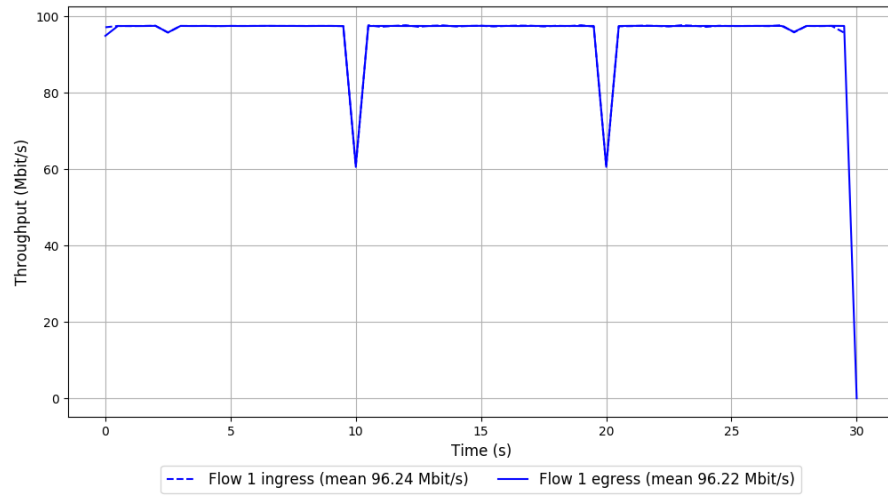
-- Flow 1:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 11.555 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

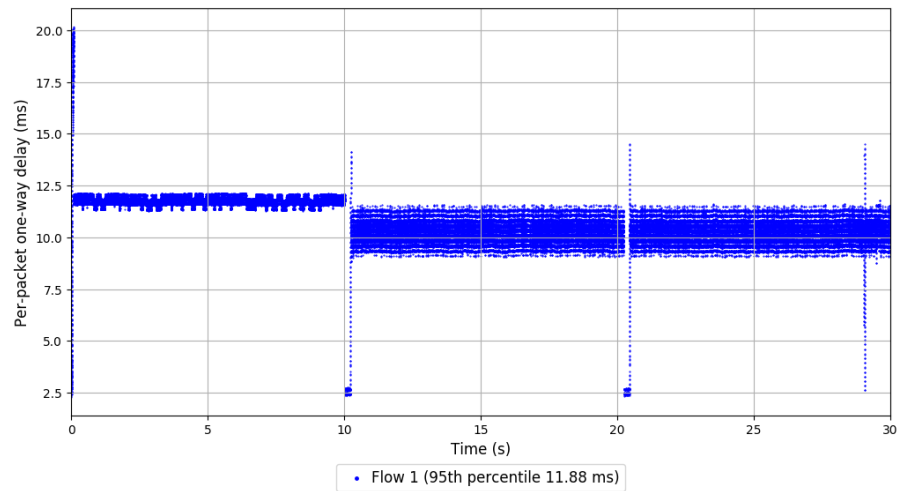
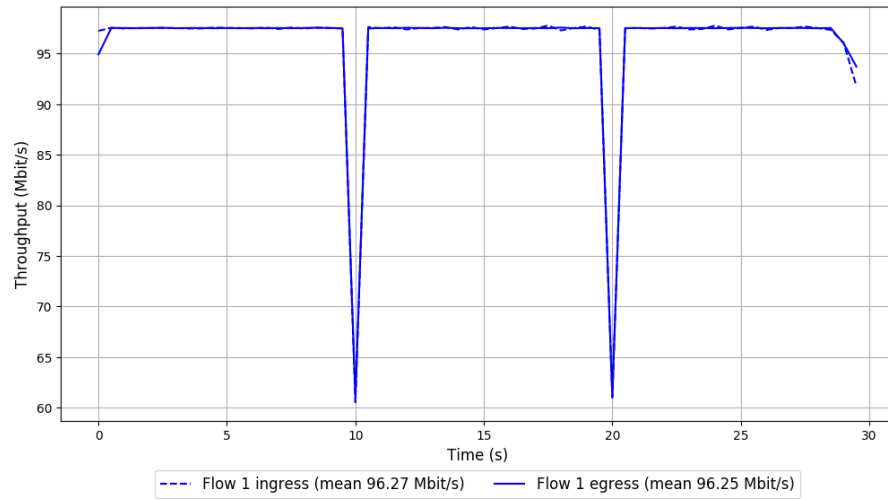


Run 4: Statistics of TCP BBR

Start at: 2018-01-25 09:38:36
End at: 2018-01-25 09:39:06
Local clock offset: 0.309 ms
Remote clock offset: -0.137 ms

Below is generated by plot.py at 2018-01-25 12:12:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 11.879 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 11.879 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-01-25 09:56:46

End at: 2018-01-25 09:57:16

Local clock offset: 0.306 ms

Remote clock offset: 0.037 ms

Below is generated by plot.py at 2018-01-25 12:12:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.416 ms

Loss rate: 0.00%

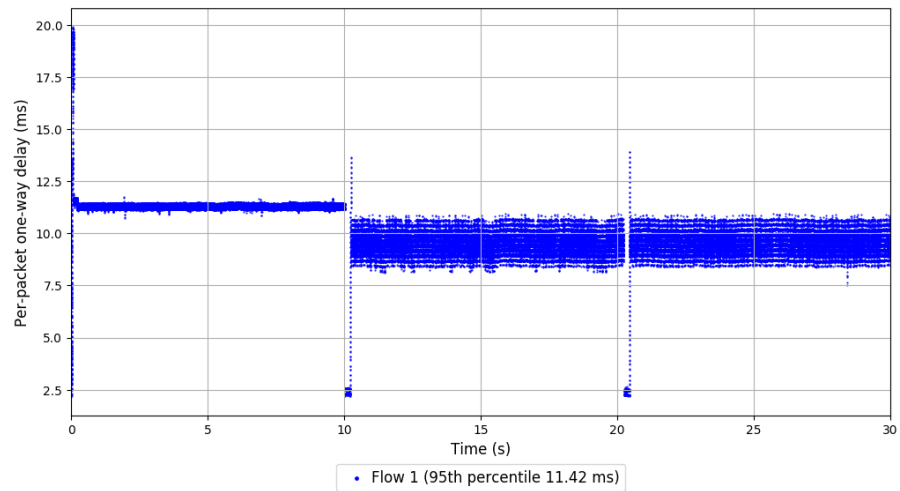
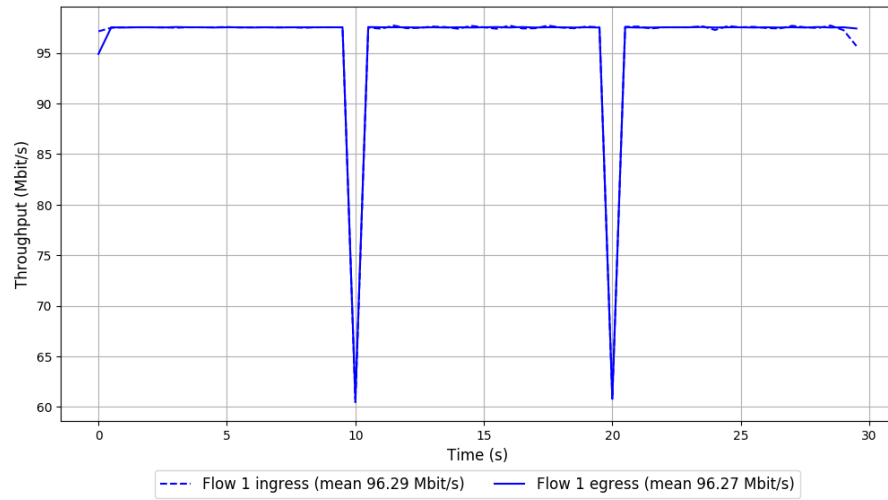
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.416 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-01-25 10:14:57

End at: 2018-01-25 10:15:27

Local clock offset: 0.135 ms

Remote clock offset: 0.23 ms

Below is generated by plot.py at 2018-01-25 12:12:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

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

Loss rate: 0.00%

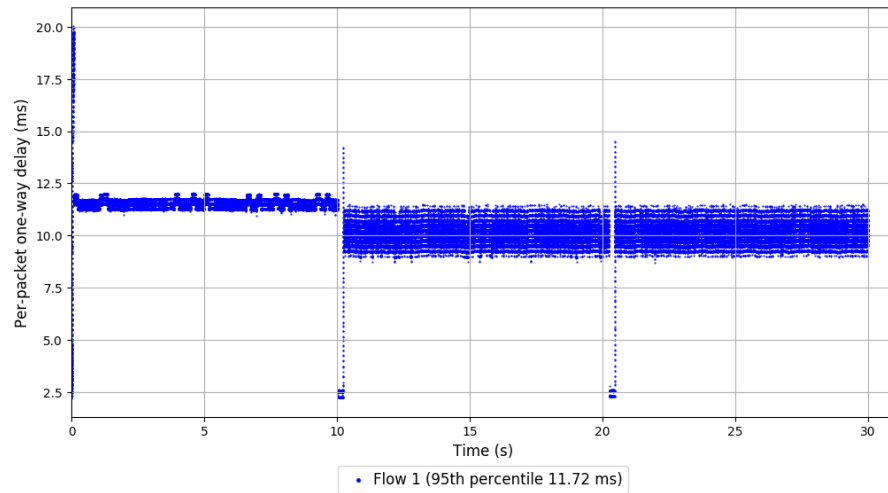
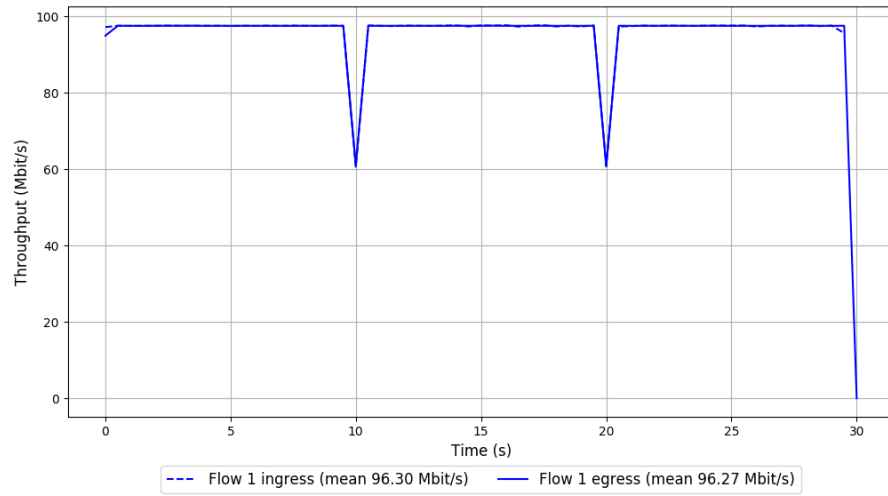
-- Flow 1:

Average throughput: 96.27 Mbit/s

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

Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-01-25 10:33:08

End at: 2018-01-25 10:33:38

Local clock offset: 0.179 ms

Remote clock offset: 0.341 ms

Below is generated by plot.py at 2018-01-25 12:12:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.678 ms

Loss rate: 0.00%

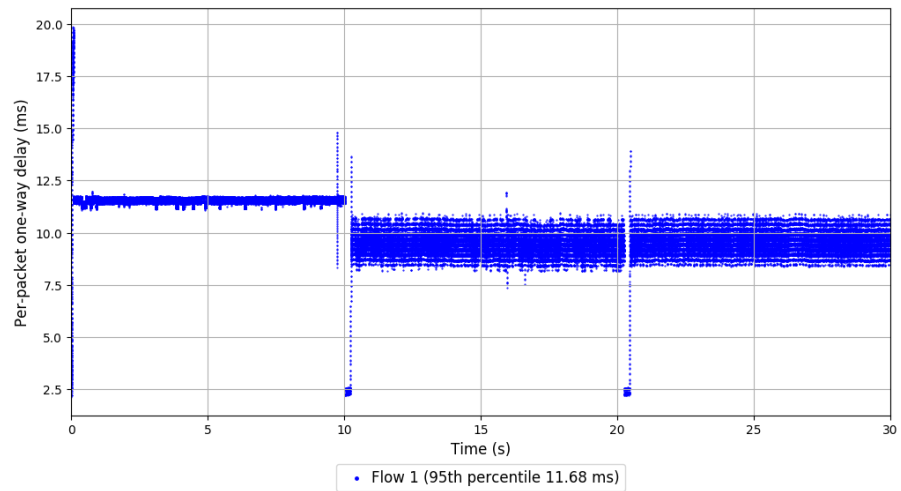
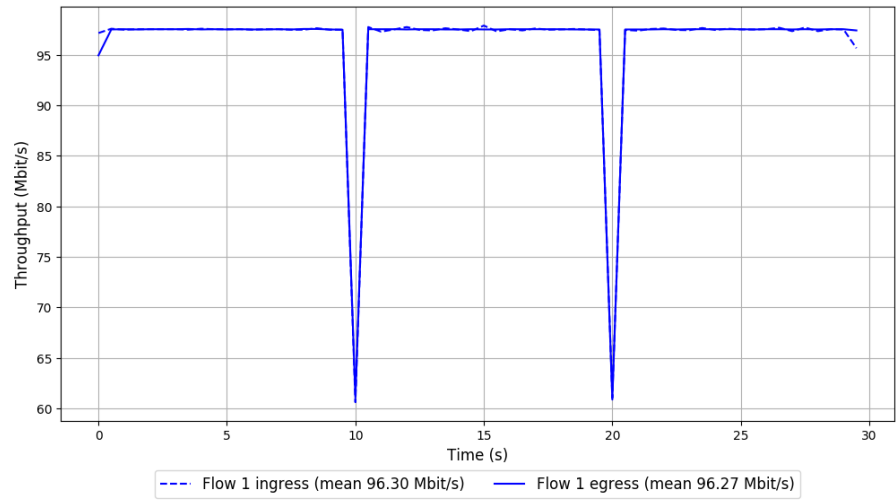
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.678 ms

Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-01-25 10:51:17

End at: 2018-01-25 10:51:47

Local clock offset: 0.182 ms

Remote clock offset: 0.51 ms

Below is generated by plot.py at 2018-01-25 12:12:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 11.785 ms

Loss rate: 0.00%

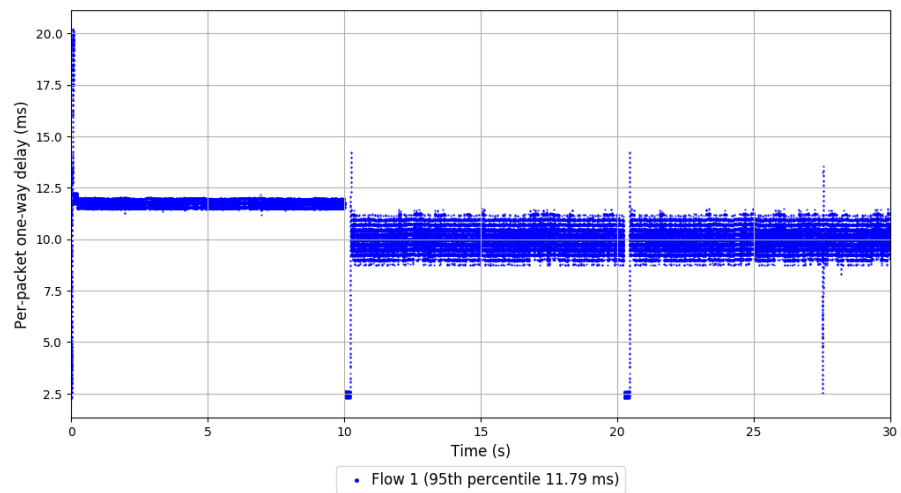
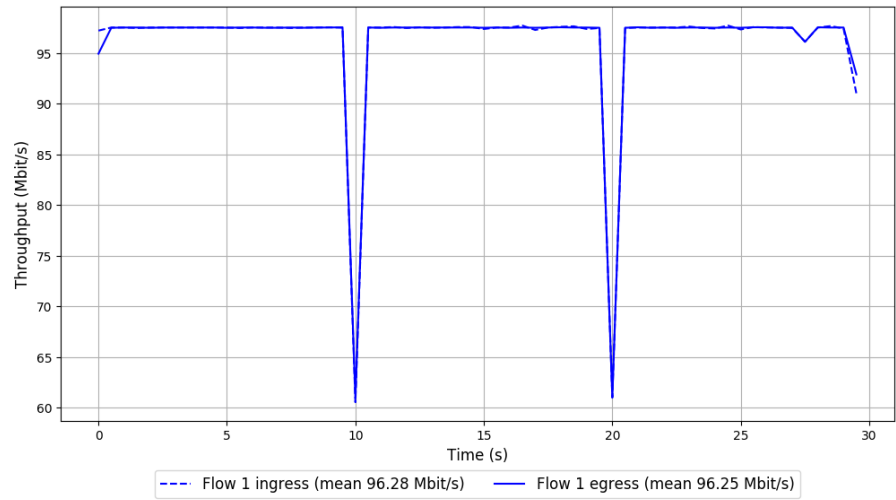
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 11.785 ms

Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-01-25 11:09:28

End at: 2018-01-25 11:09:58

Local clock offset: 0.242 ms

Remote clock offset: 0.623 ms

Below is generated by plot.py at 2018-01-25 12:13:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 11.531 ms

Loss rate: 0.00%

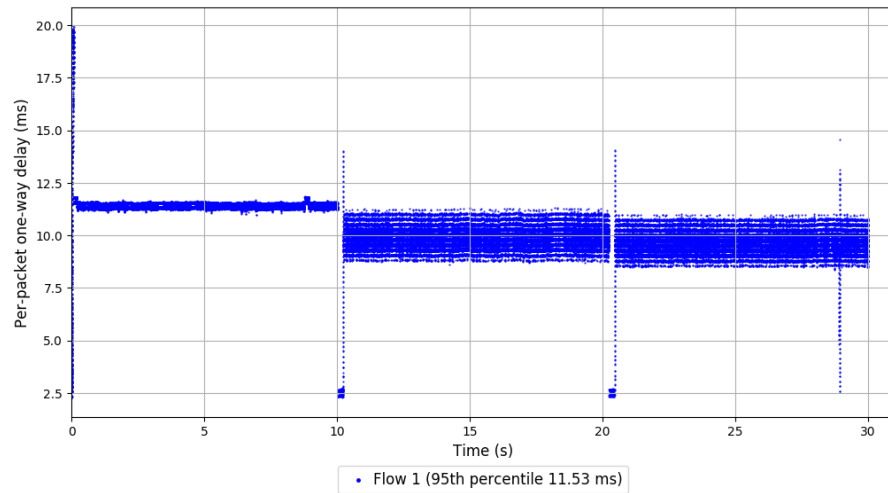
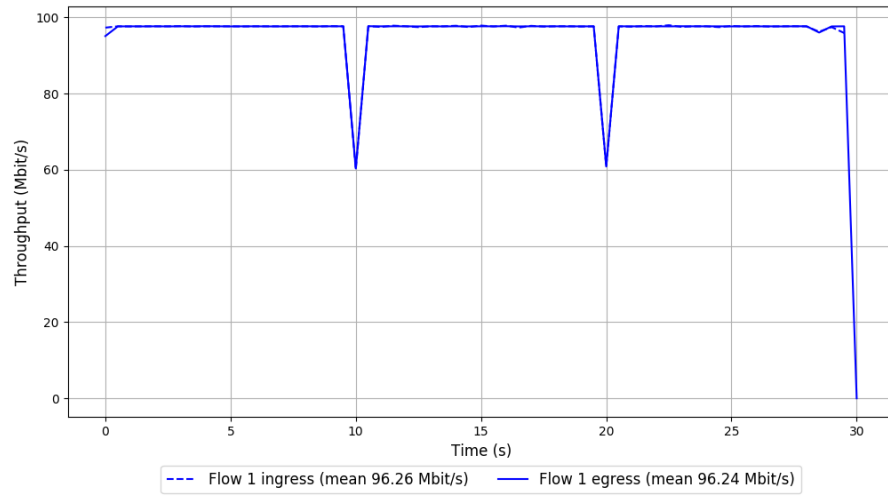
-- Flow 1:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 11.531 ms

Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-01-25 11:27:36

End at: 2018-01-25 11:28:06

Local clock offset: 0.287 ms

Remote clock offset: 0.725 ms

Below is generated by plot.py at 2018-01-25 12:13:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 11.750 ms

Loss rate: 0.00%

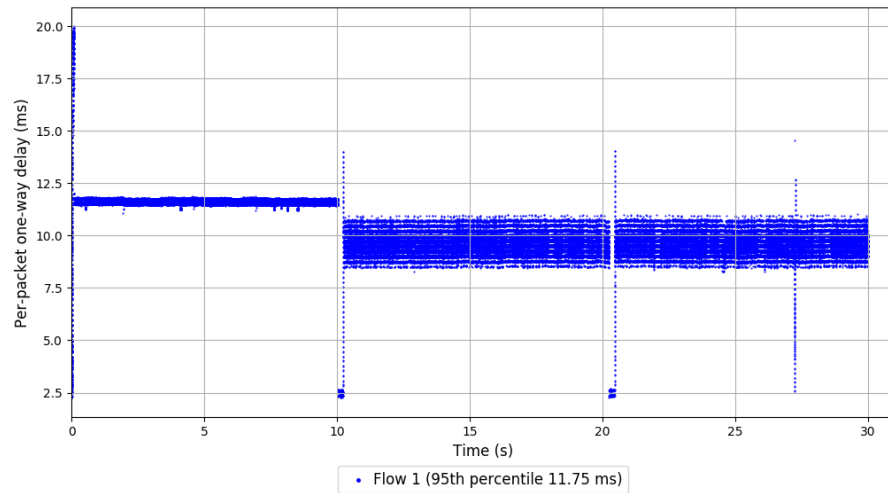
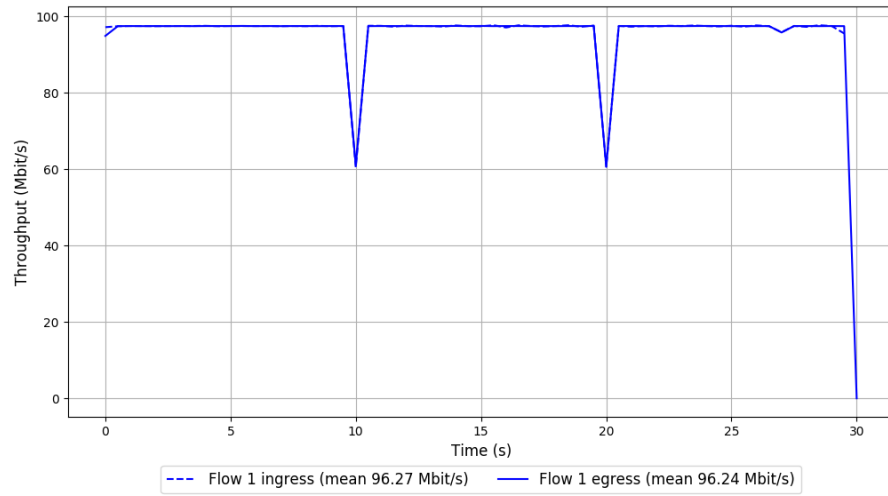
-- Flow 1:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 11.750 ms

Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

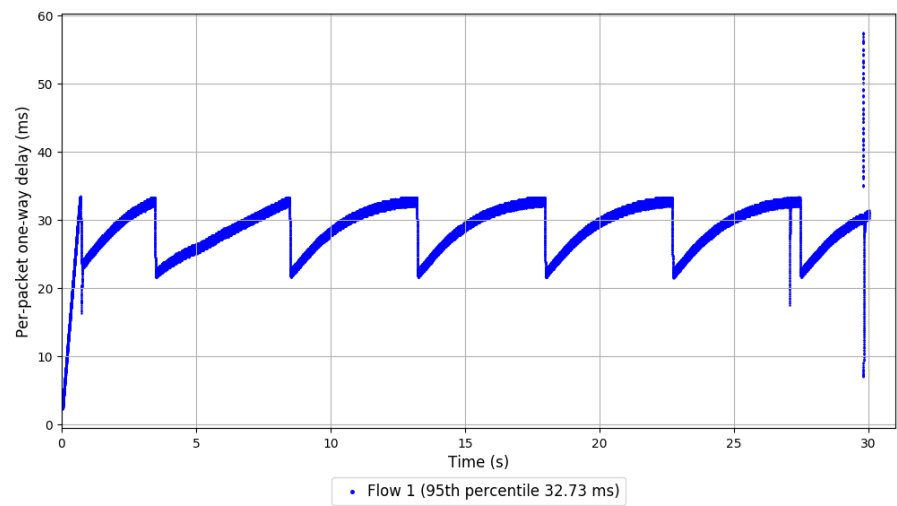
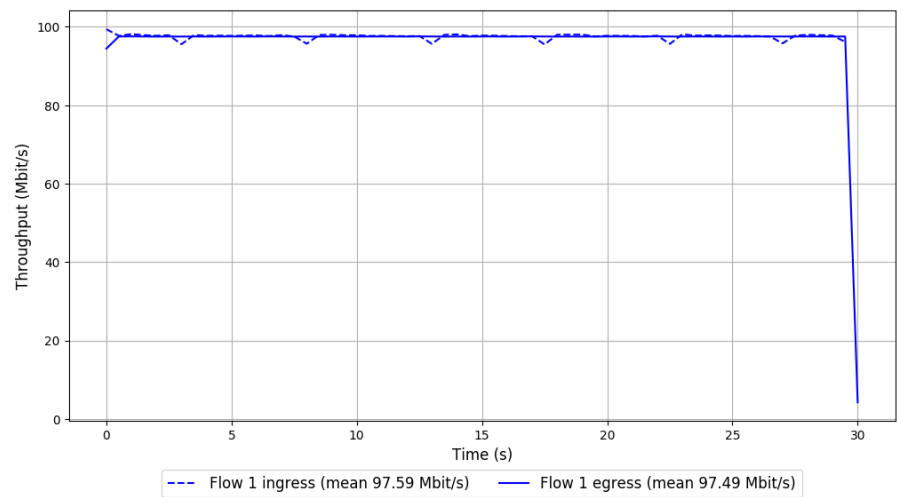


Run 1: Statistics of TCP Cubic

Start at: 2018-01-25 08:57:38
End at: 2018-01-25 08:58:08
Local clock offset: 0.418 ms
Remote clock offset: -0.171 ms

Below is generated by plot.py at 2018-01-25 12:13:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.733 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.733 ms
Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link

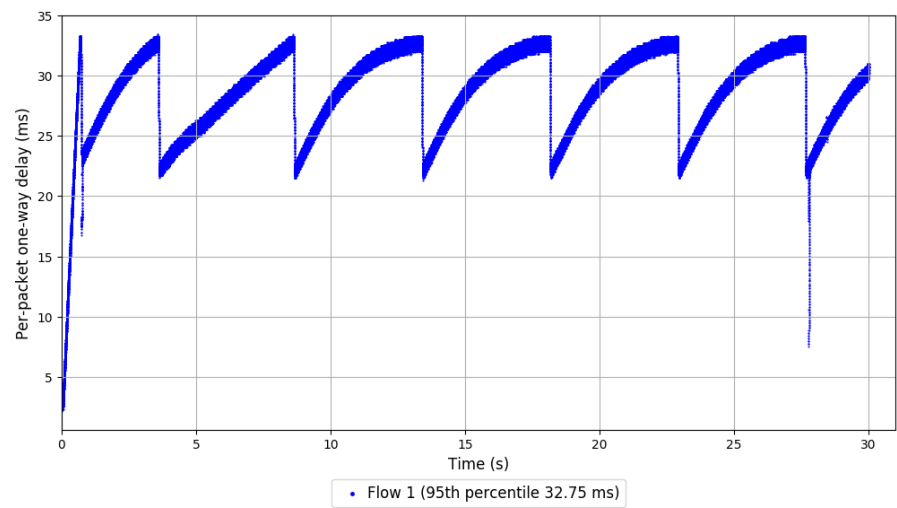
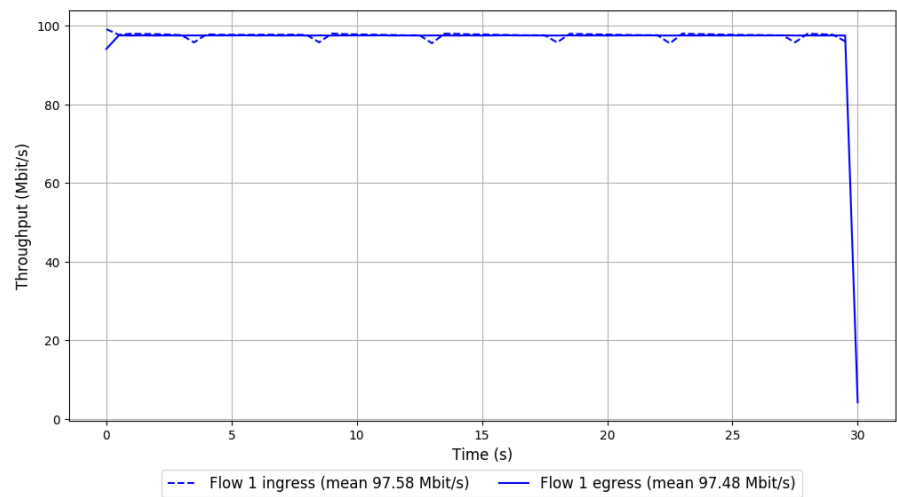


Run 2: Statistics of TCP Cubic

Start at: 2018-01-25 09:15:49
End at: 2018-01-25 09:16:19
Local clock offset: 0.38 ms
Remote clock offset: -0.133 ms

Below is generated by plot.py at 2018-01-25 12:13:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.747 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.747 ms
Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link

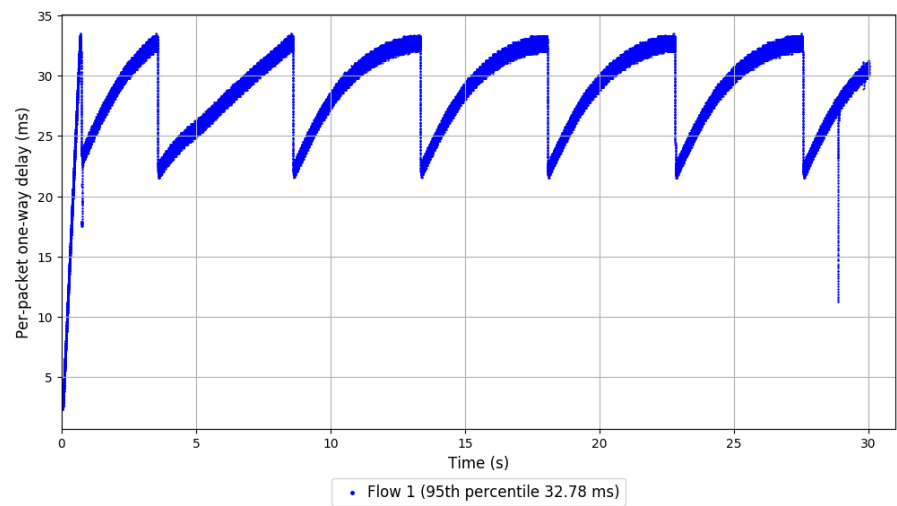
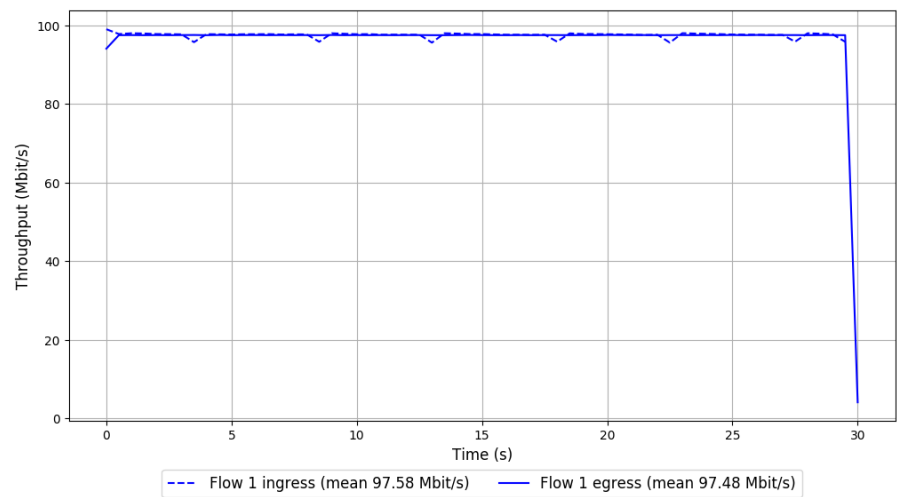


Run 3: Statistics of TCP Cubic

Start at: 2018-01-25 09:33:59
End at: 2018-01-25 09:34:29
Local clock offset: 0.33 ms
Remote clock offset: -0.134 ms

Below is generated by plot.py at 2018-01-25 12:13:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.777 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.777 ms
Loss rate: 0.01%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-01-25 09:52:09

End at: 2018-01-25 09:52:39

Local clock offset: 0.259 ms

Remote clock offset: 0.017 ms

Below is generated by plot.py at 2018-01-25 12:13:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.775 ms

Loss rate: 0.01%

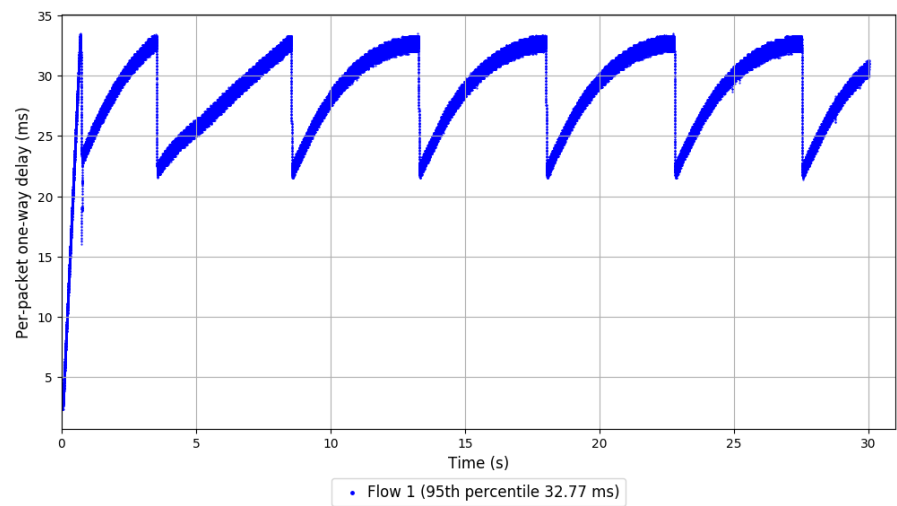
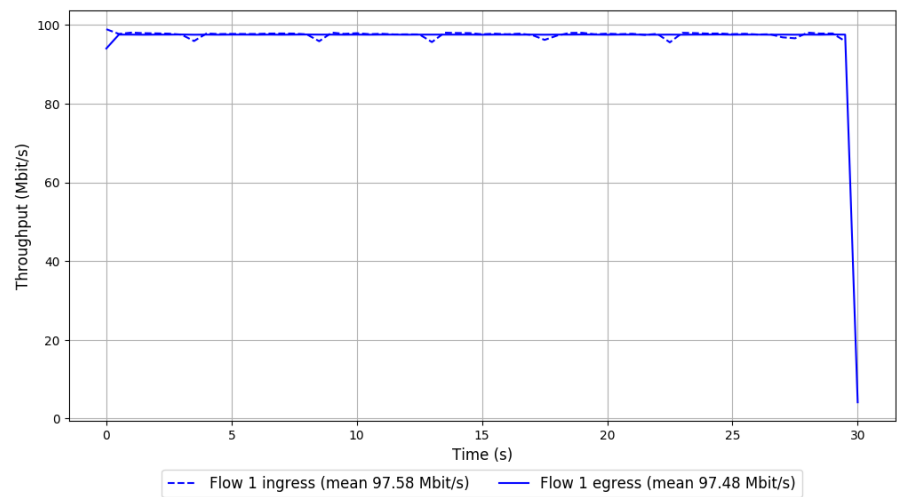
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.775 ms

Loss rate: 0.01%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-01-25 10:10:19

End at: 2018-01-25 10:10:49

Local clock offset: 0.216 ms

Remote clock offset: 0.245 ms

Below is generated by plot.py at 2018-01-25 12:13:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.707 ms

Loss rate: 0.01%

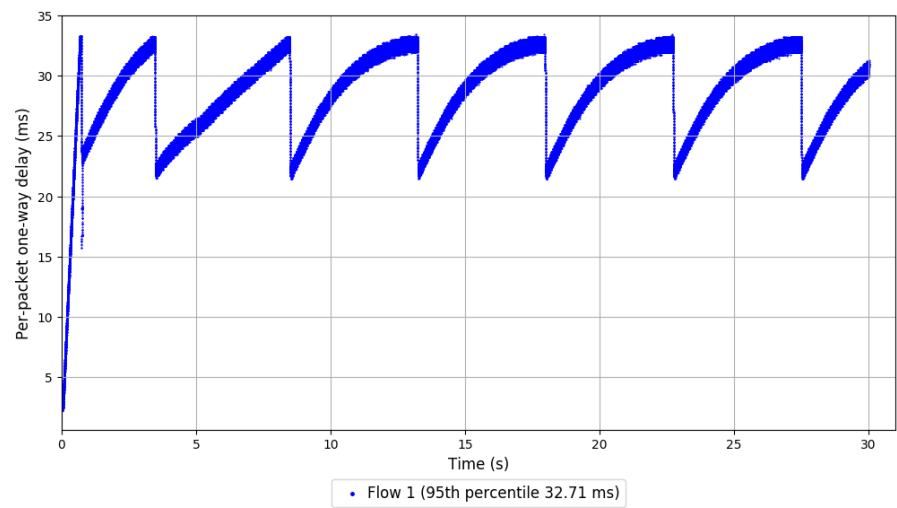
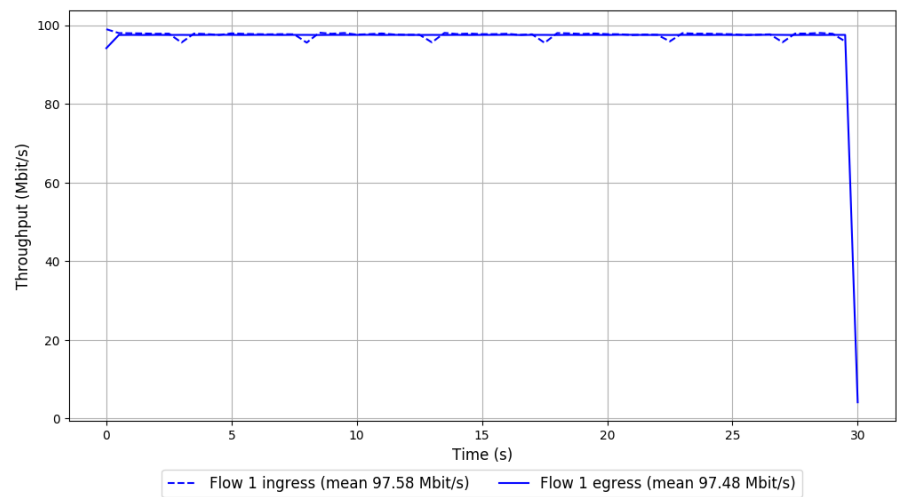
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.707 ms

Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-01-25 10:28:30

End at: 2018-01-25 10:29:00

Local clock offset: 0.158 ms

Remote clock offset: 0.363 ms

Below is generated by plot.py at 2018-01-25 12:13:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.729 ms

Loss rate: 0.01%

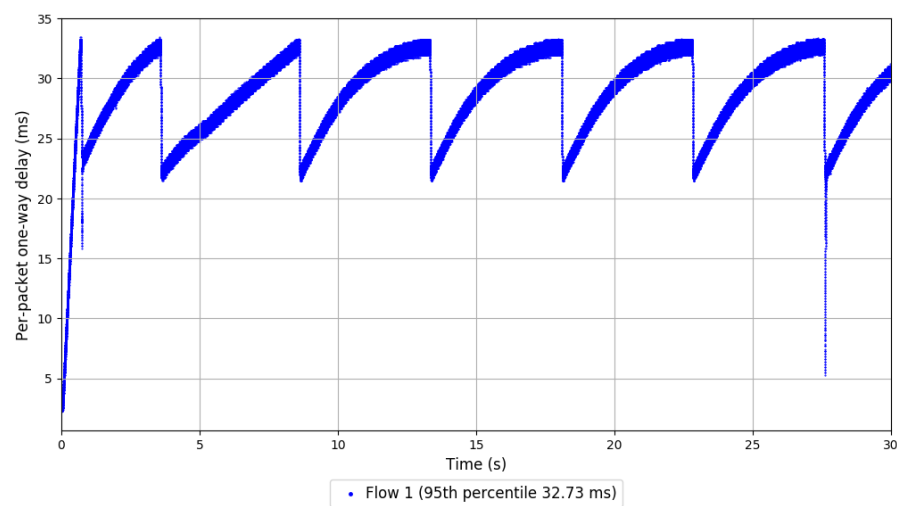
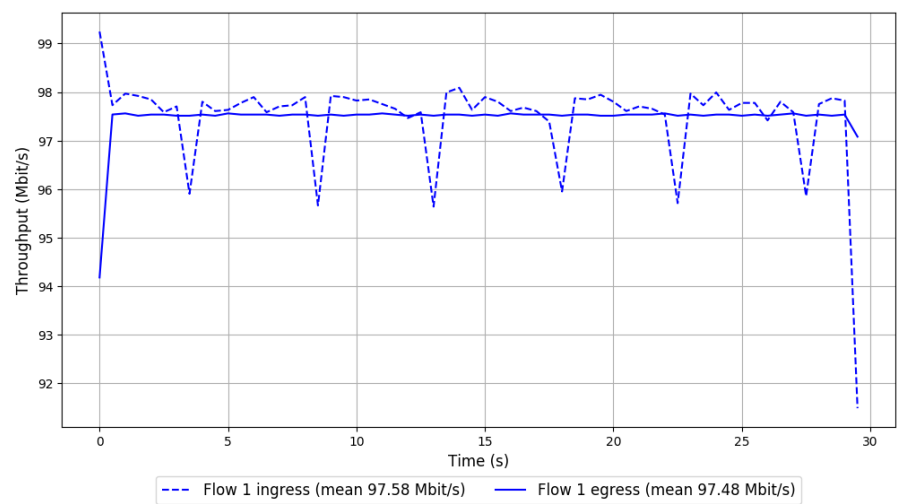
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.729 ms

Loss rate: 0.01%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-01-25 10:46:41

End at: 2018-01-25 10:47:11

Local clock offset: 0.124 ms

Remote clock offset: 0.48 ms

Below is generated by plot.py at 2018-01-25 12:15:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.772 ms

Loss rate: 0.01%

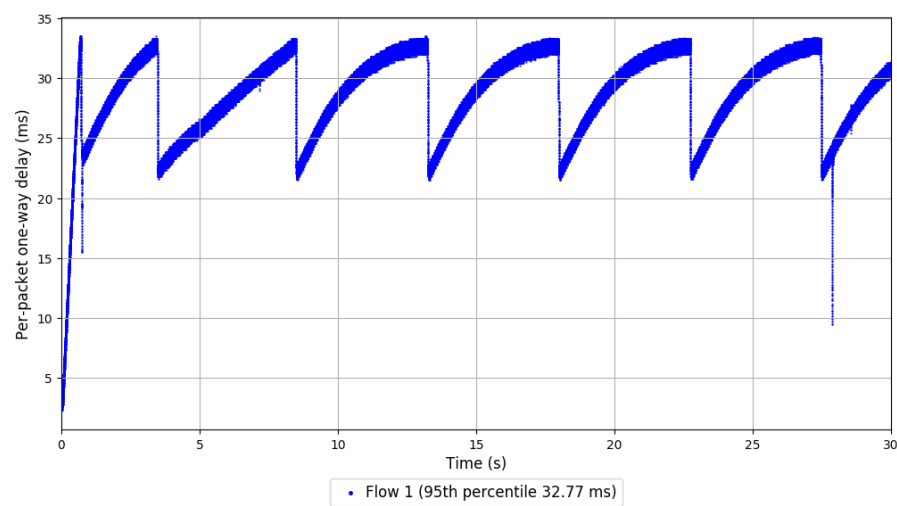
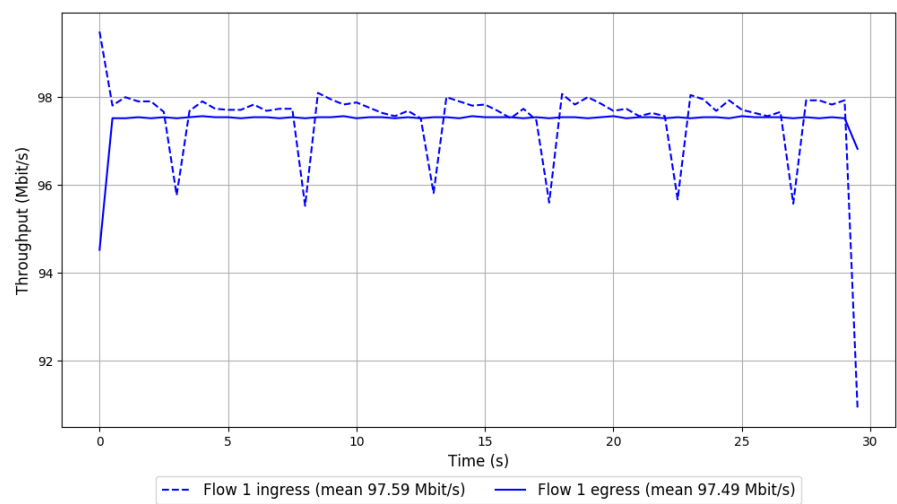
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.772 ms

Loss rate: 0.01%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-01-25 11:04:51

End at: 2018-01-25 11:05:21

Local clock offset: 0.236 ms

Remote clock offset: 0.513 ms

Below is generated by plot.py at 2018-01-25 12:15:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.636 ms

Loss rate: 0.01%

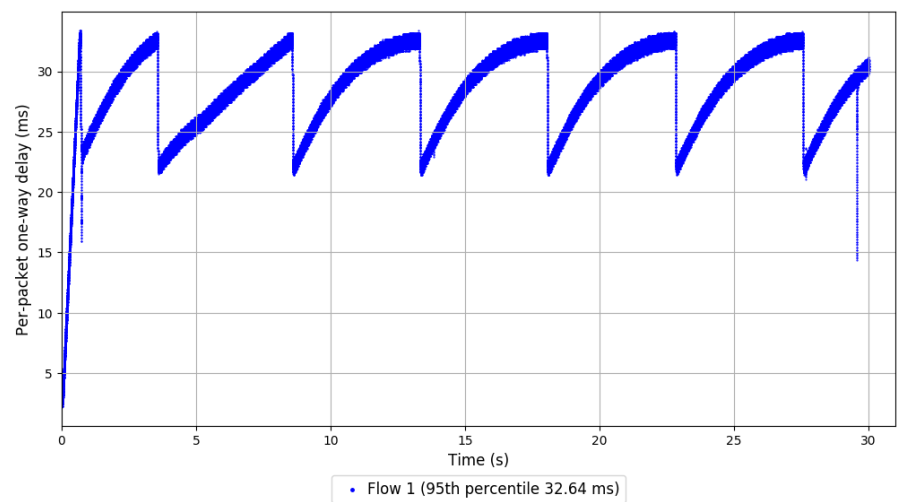
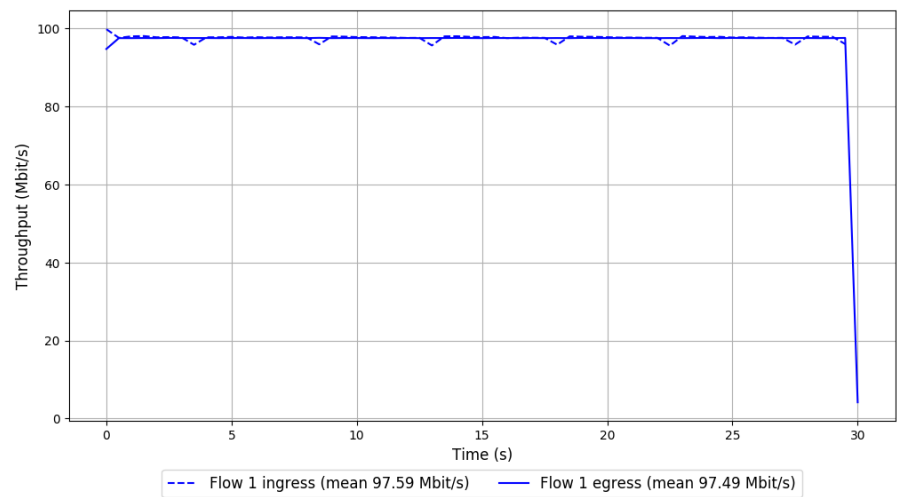
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.636 ms

Loss rate: 0.01%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-01-25 11:23:00

End at: 2018-01-25 11:23:30

Local clock offset: 0.263 ms

Remote clock offset: 0.704 ms

Below is generated by plot.py at 2018-01-25 12:15:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.748 ms

Loss rate: 0.01%

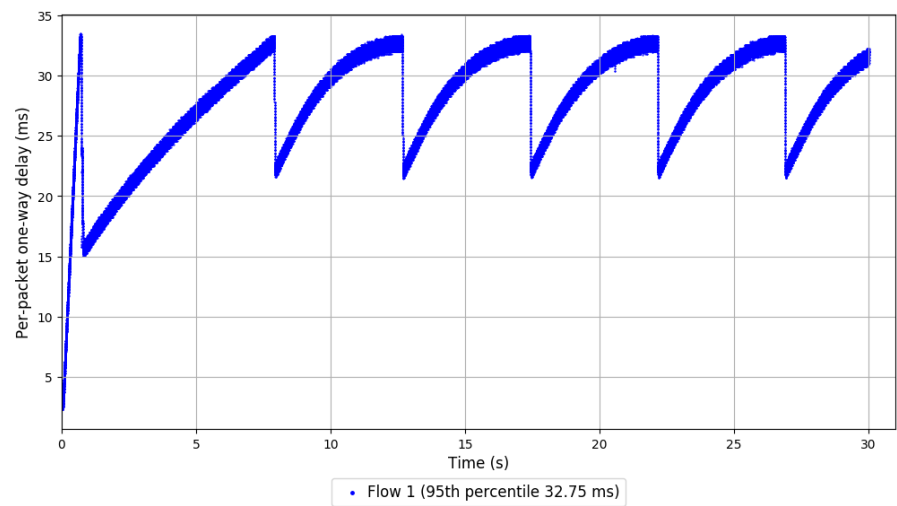
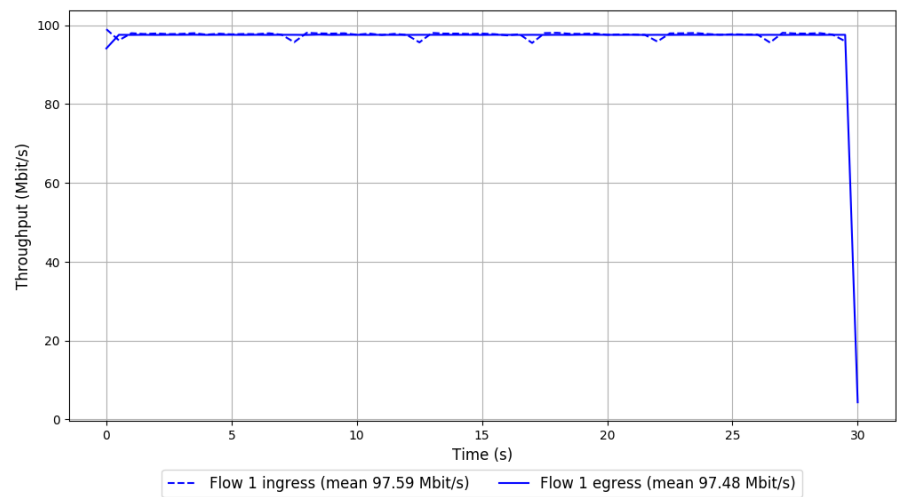
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.748 ms

Loss rate: 0.01%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-01-25 11:41:09

End at: 2018-01-25 11:41:39

Local clock offset: 0.233 ms

Remote clock offset: 0.738 ms

Below is generated by plot.py at 2018-01-25 12:15:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.77 Mbit/s

95th percentile per-packet one-way delay: 46.540 ms

Loss rate: 0.13%

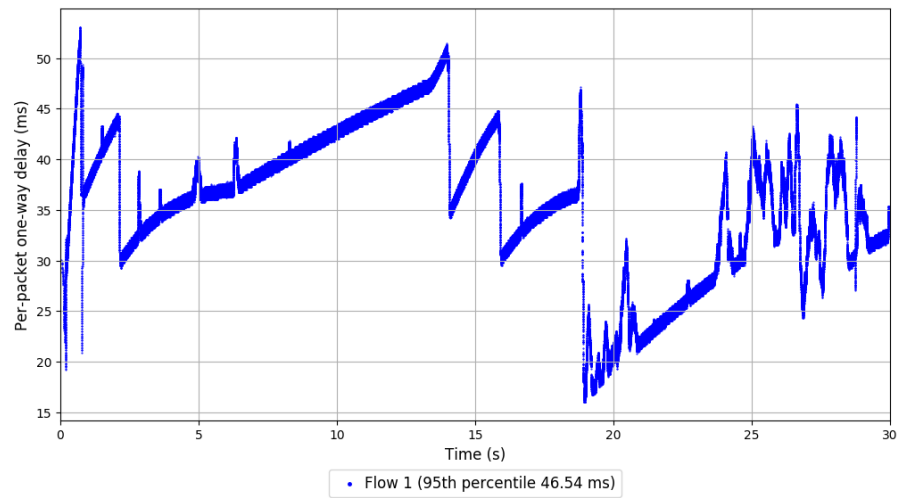
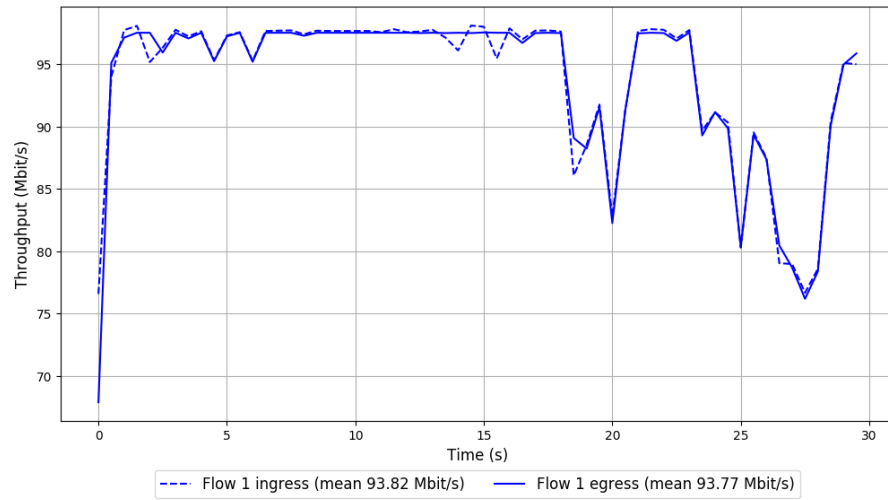
-- Flow 1:

Average throughput: 93.77 Mbit/s

95th percentile per-packet one-way delay: 46.540 ms

Loss rate: 0.13%

Run 10: Report of TCP Cubic — Data Link

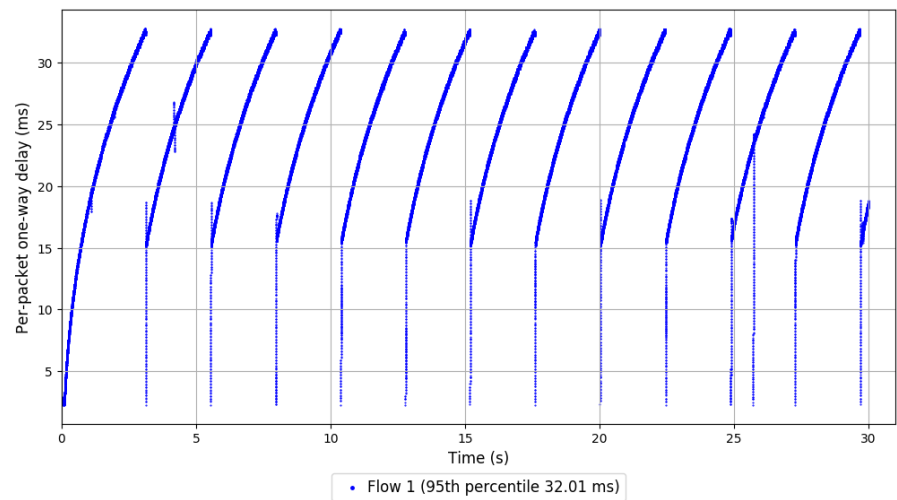
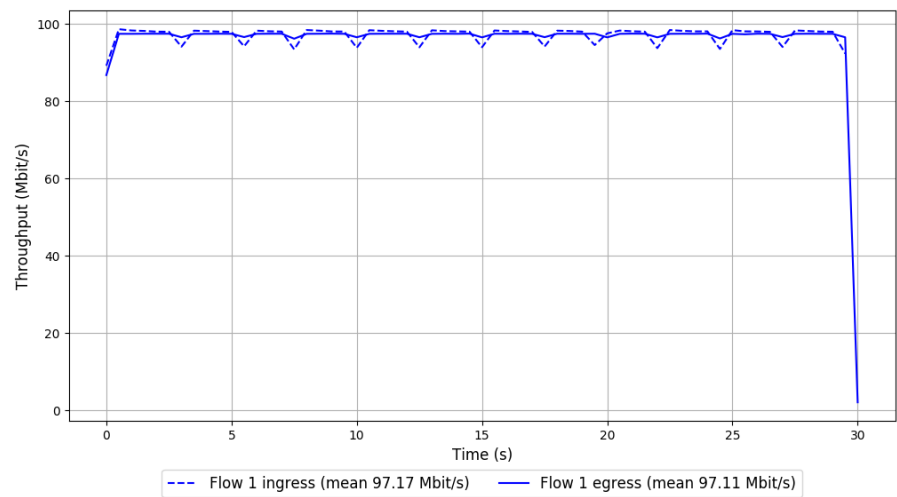


```
Run 1: Statistics of LEDBAT

Start at: 2018-01-25 08:48:35
End at: 2018-01-25 08:49:05
Local clock offset: 0.462 ms
Remote clock offset: -0.169 ms

# Below is generated by plot.py at 2018-01-25 12:15:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.014 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.014 ms
Loss rate: 0.01%
```


Run 1: Report of LEDBAT — Data Link

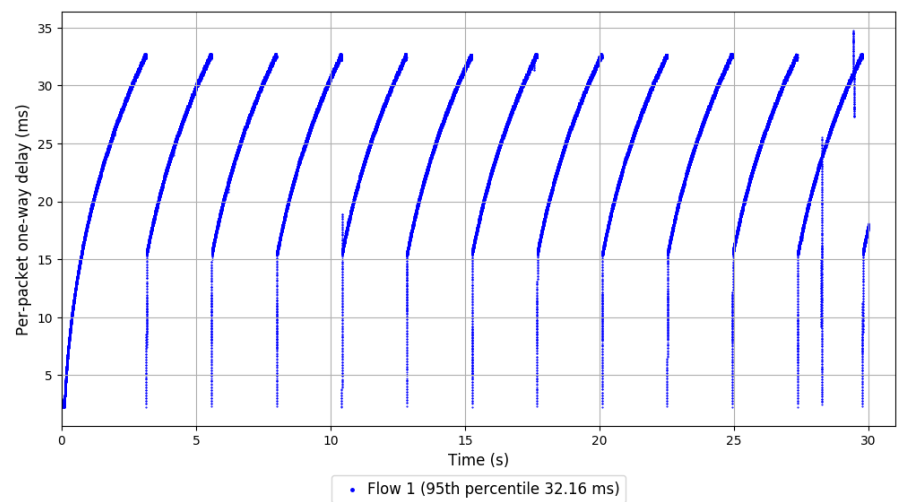
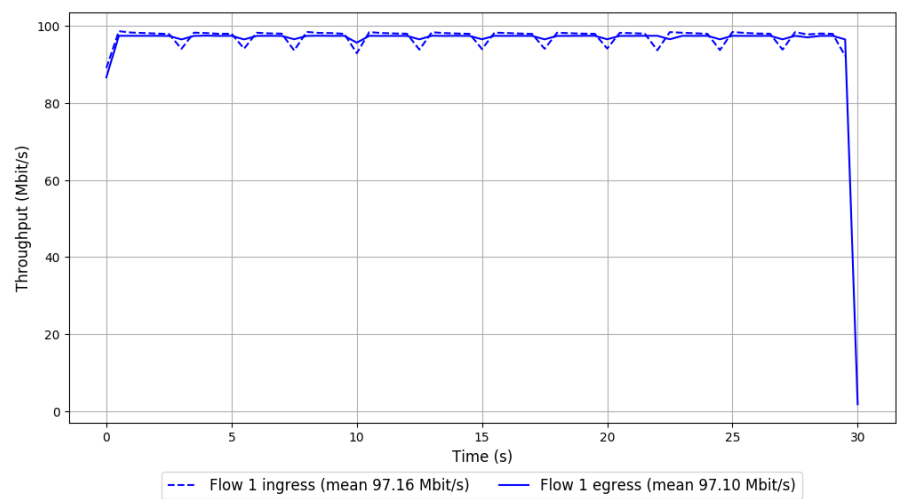


Run 2: Statistics of LEDBAT

Start at: 2018-01-25 09:06:45
End at: 2018-01-25 09:07:15
Local clock offset: 0.402 ms
Remote clock offset: -0.152 ms

Below is generated by plot.py at 2018-01-25 12:15:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 32.159 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 32.159 ms
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link

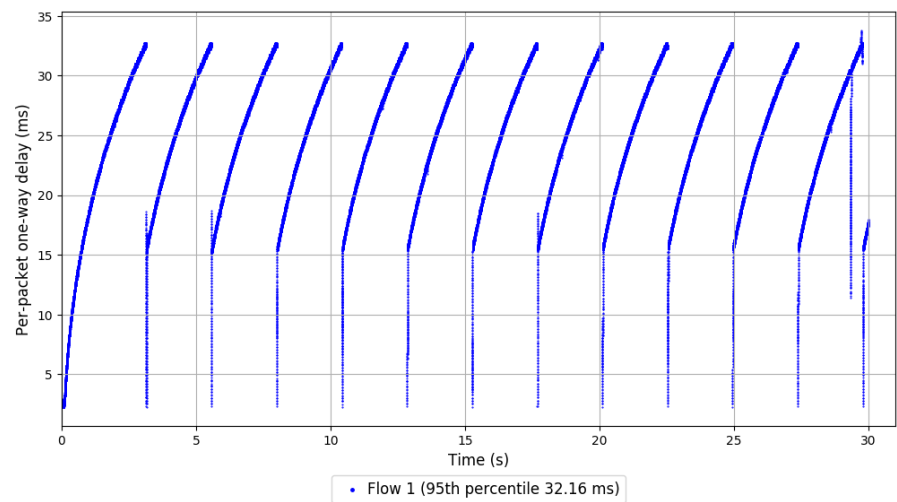
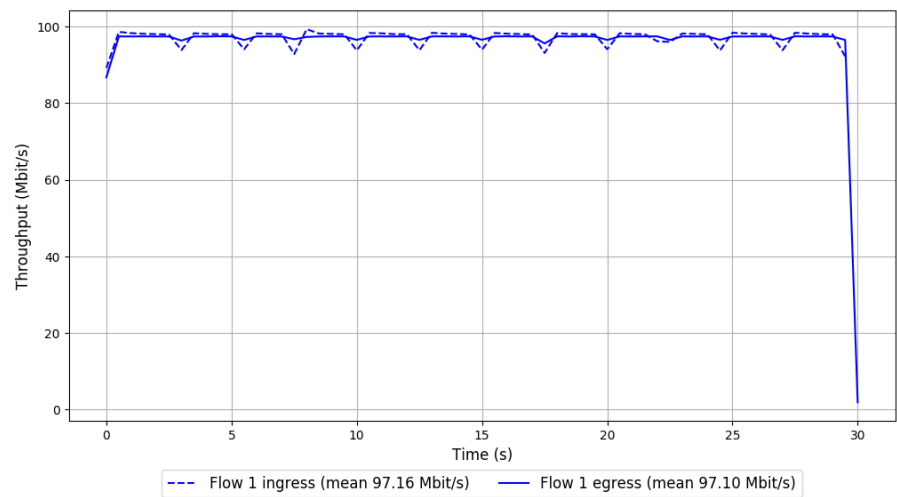


Run 3: Statistics of LEDBAT

Start at: 2018-01-25 09:24:55
End at: 2018-01-25 09:25:25
Local clock offset: 0.4 ms
Remote clock offset: -0.139 ms

Below is generated by plot.py at 2018-01-25 12:15:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 32.159 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 32.159 ms
Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-01-25 09:43:05

End at: 2018-01-25 09:43:35

Local clock offset: 0.319 ms

Remote clock offset: -0.13 ms

Below is generated by plot.py at 2018-01-25 12:15:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.203 ms

Loss rate: 0.01%

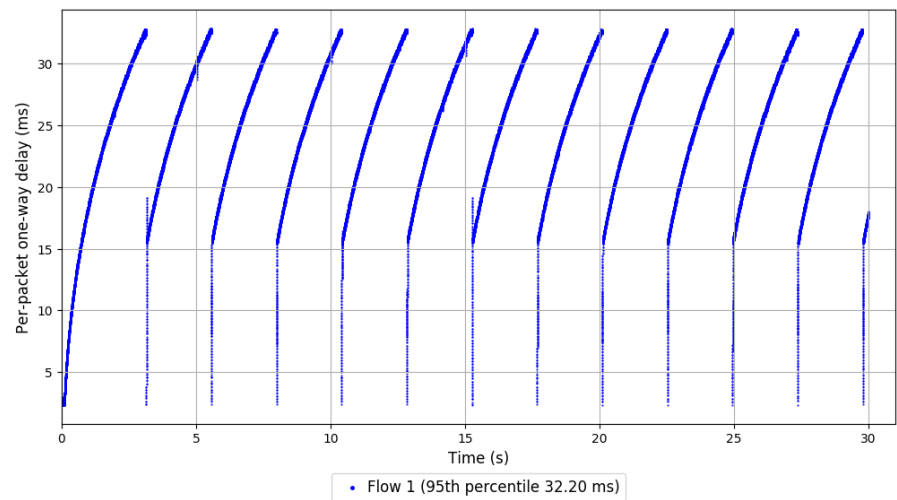
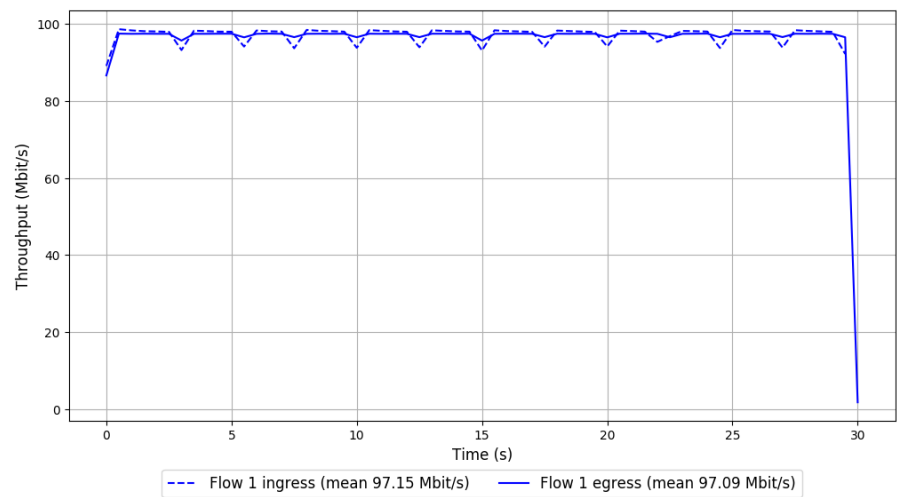
-- Flow 1:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.203 ms

Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-01-25 10:01:16

End at: 2018-01-25 10:01:46

Local clock offset: 0.269 ms

Remote clock offset: 0.149 ms

Below is generated by plot.py at 2018-01-25 12:16:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.120 ms

Loss rate: 0.01%

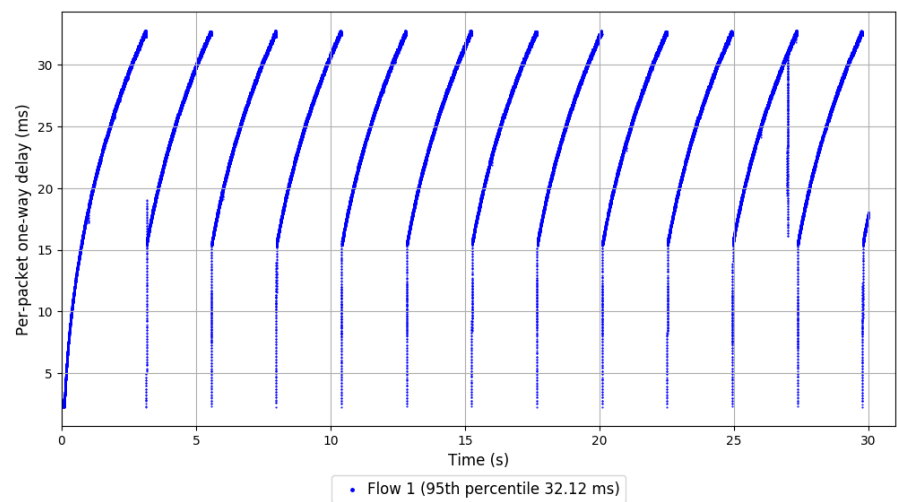
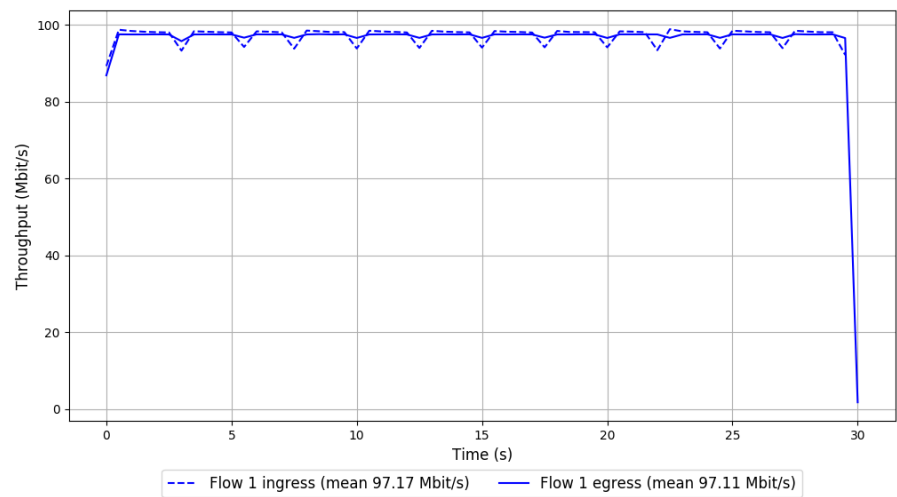
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.120 ms

Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-01-25 10:19:26

End at: 2018-01-25 10:19:56

Local clock offset: 0.098 ms

Remote clock offset: 0.254 ms

Below is generated by plot.py at 2018-01-25 12:16:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.100 ms

Loss rate: 0.01%

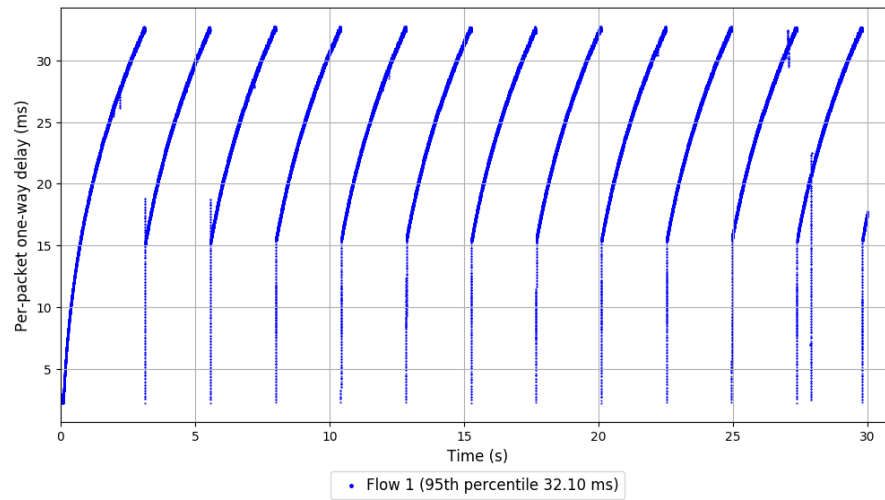
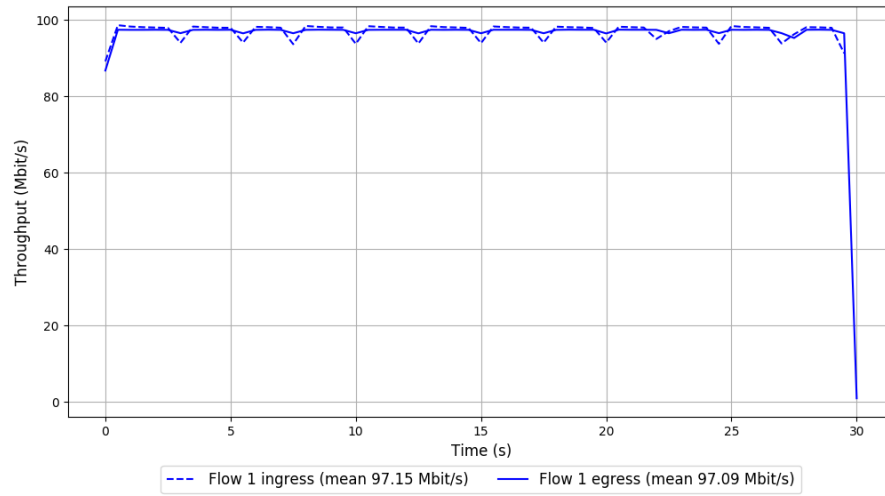
-- Flow 1:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.100 ms

Loss rate: 0.01%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-01-25 10:37:37

End at: 2018-01-25 10:38:07

Local clock offset: 0.176 ms

Remote clock offset: 0.431 ms

Below is generated by plot.py at 2018-01-25 12:16:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.127 ms

Loss rate: 0.01%

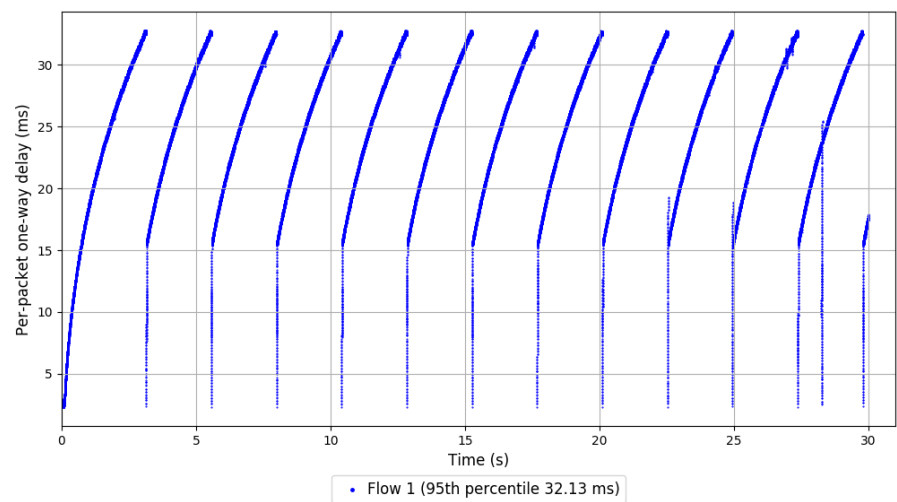
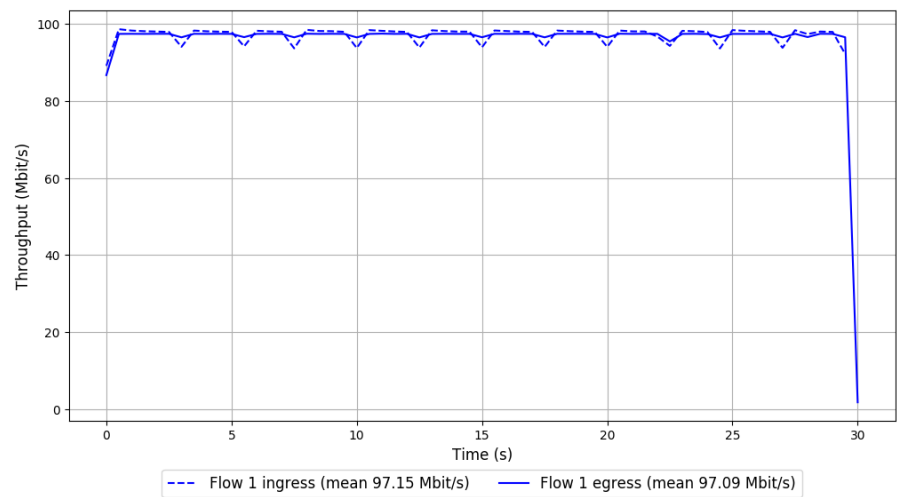
-- Flow 1:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.127 ms

Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-01-25 10:55:47

End at: 2018-01-25 10:56:17

Local clock offset: 0.183 ms

Remote clock offset: 0.548 ms

Below is generated by plot.py at 2018-01-25 12:16:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 32.128 ms

Loss rate: 0.01%

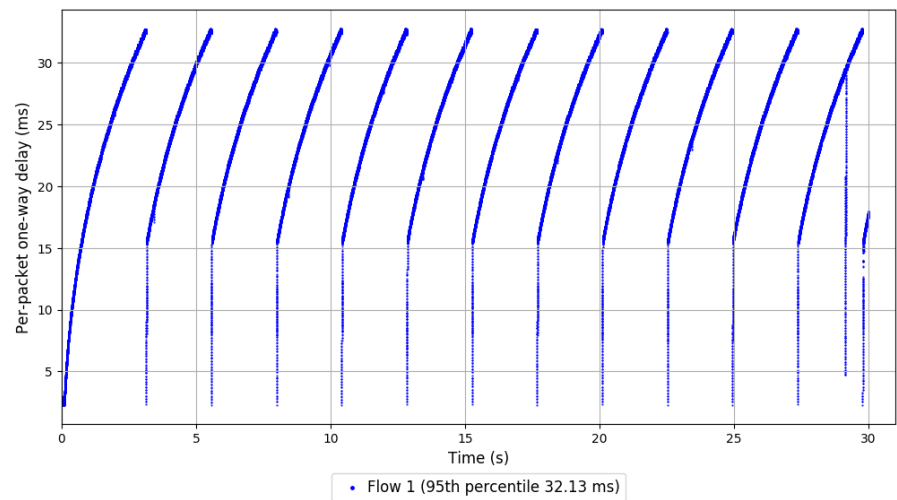
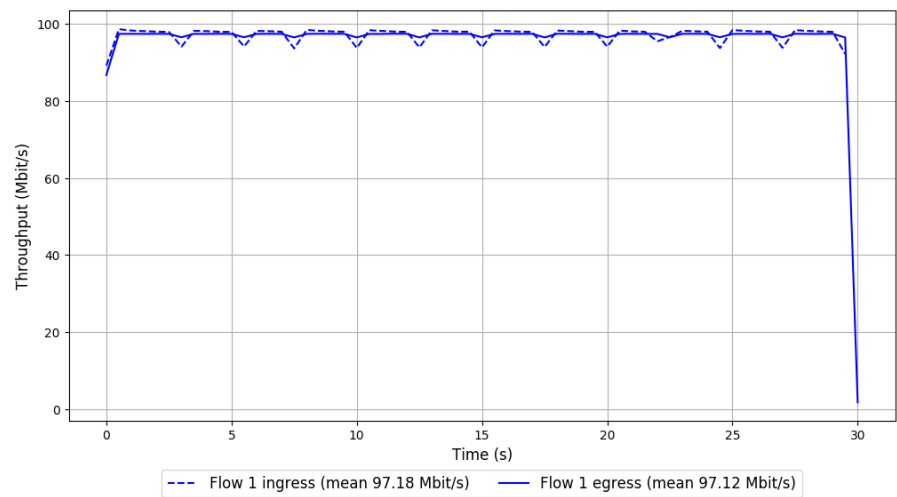
-- Flow 1:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 32.128 ms

Loss rate: 0.01%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-01-25 11:13:58

End at: 2018-01-25 11:14:28

Local clock offset: 0.269 ms

Remote clock offset: 0.614 ms

Below is generated by plot.py at 2018-01-25 12:16:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 32.004 ms

Loss rate: 0.01%

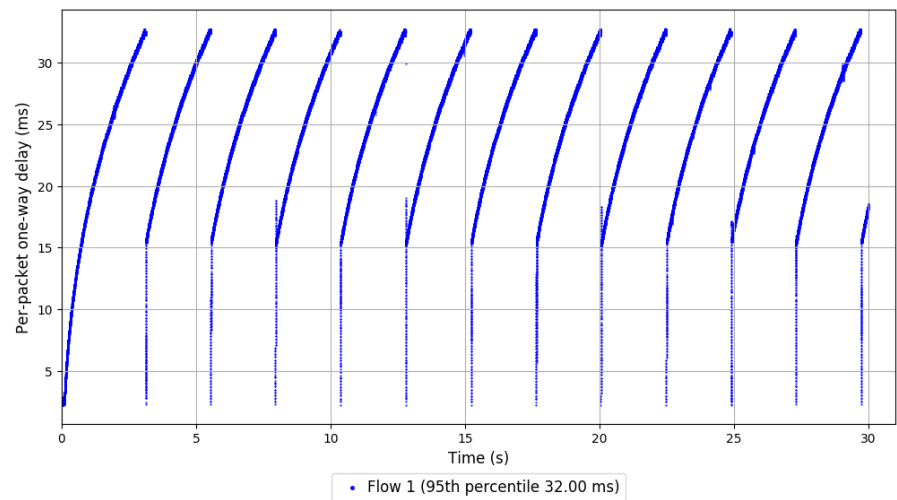
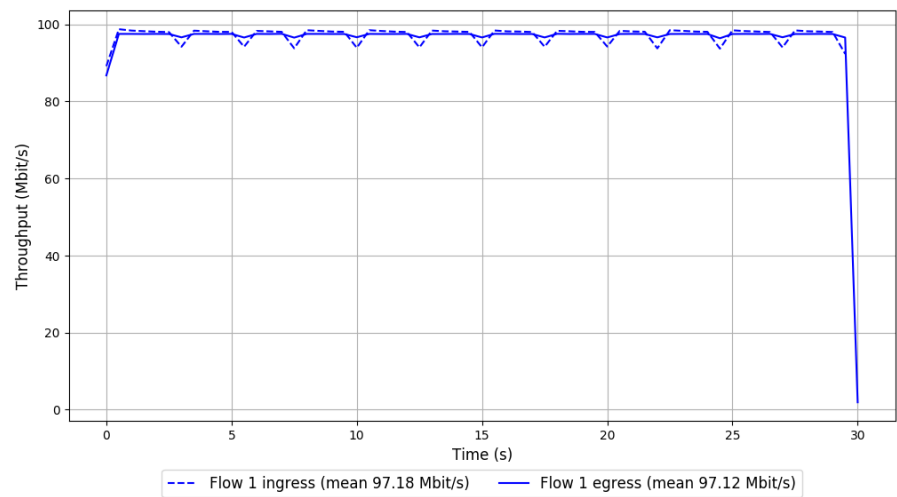
-- Flow 1:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 32.004 ms

Loss rate: 0.01%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-01-25 11:32:06

End at: 2018-01-25 11:32:36

Local clock offset: 0.3 ms

Remote clock offset: 0.652 ms

Below is generated by plot.py at 2018-01-25 12:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 32.052 ms

Loss rate: 0.01%

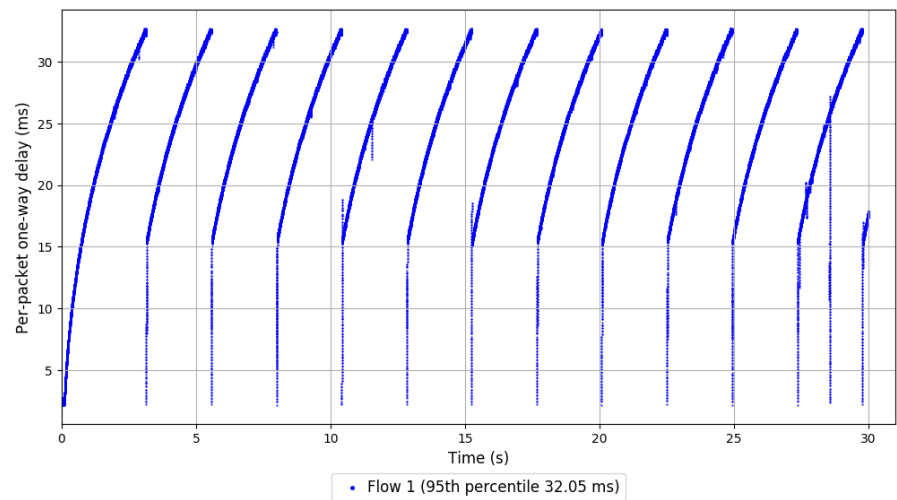
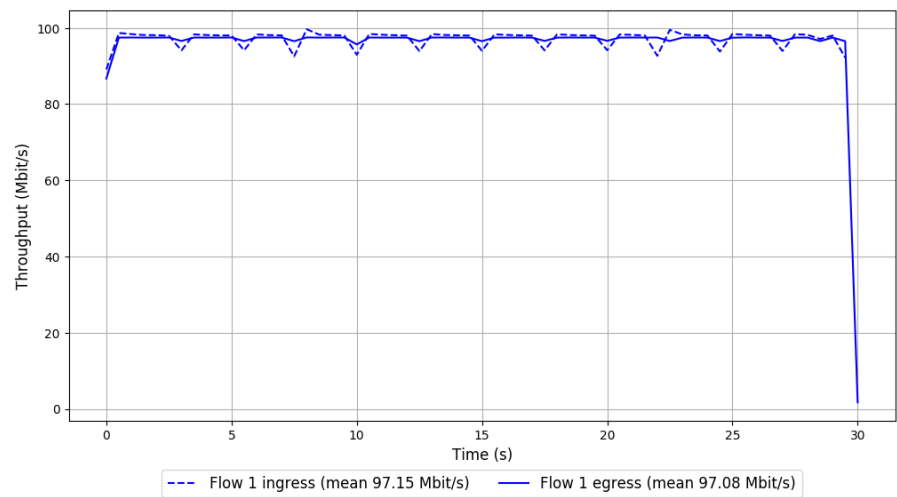
-- Flow 1:

Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 32.052 ms

Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

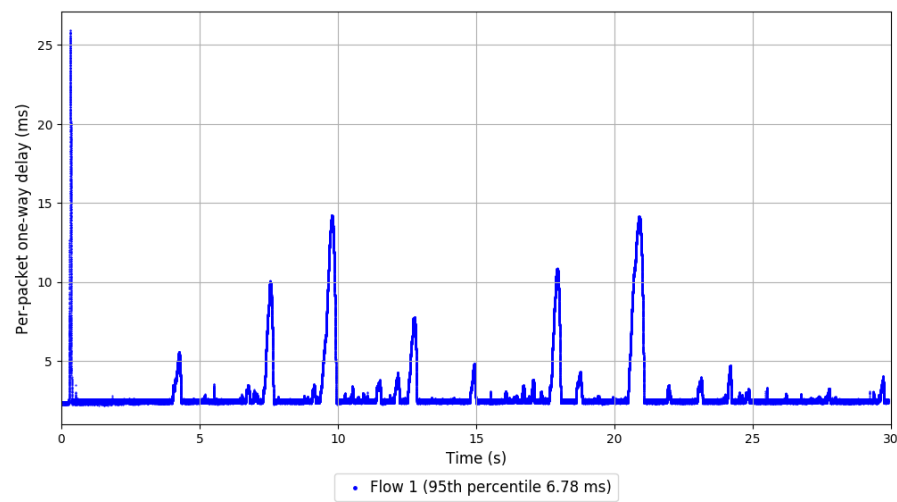
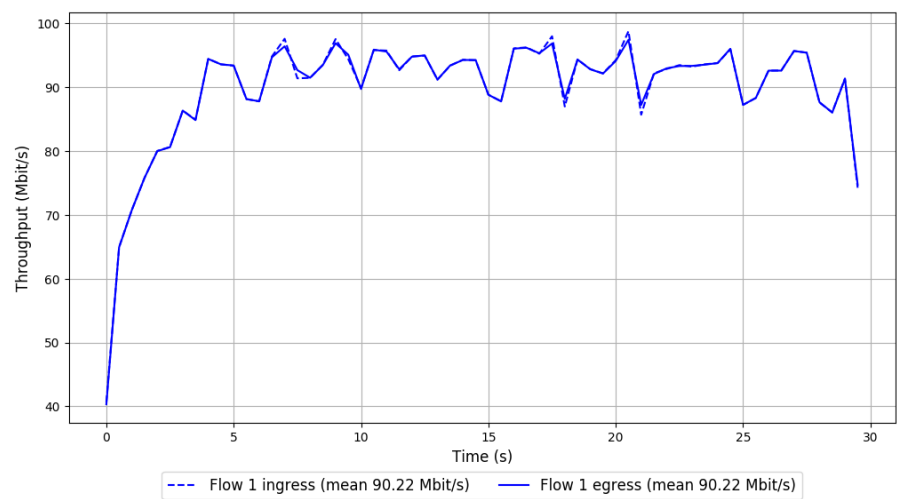


Run 1: Statistics of PCC

Start at: 2018-01-25 08:50:48
End at: 2018-01-25 08:51:18
Local clock offset: 0.437 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2018-01-25 12:16:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.22 Mbit/s
95th percentile per-packet one-way delay: 6.778 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.22 Mbit/s
95th percentile per-packet one-way delay: 6.778 ms
Loss rate: 0.00%

Run 1: Report of PCC — Data Link

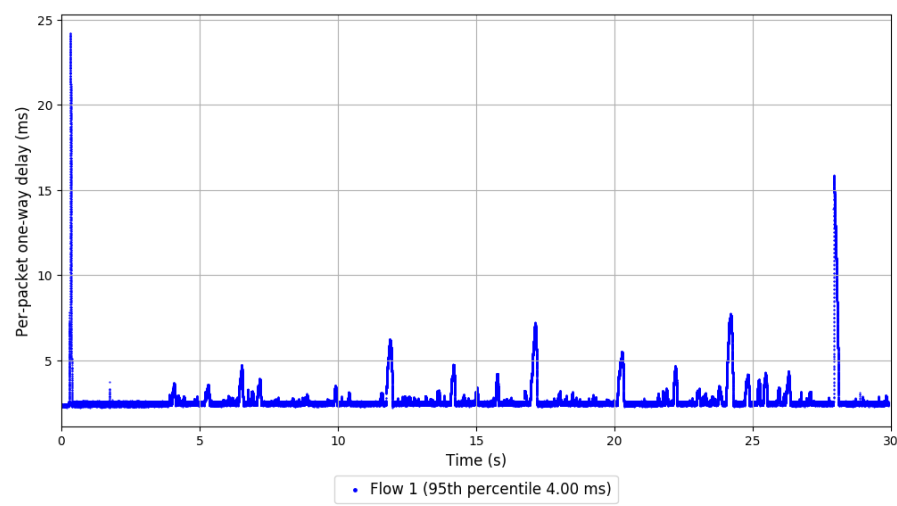
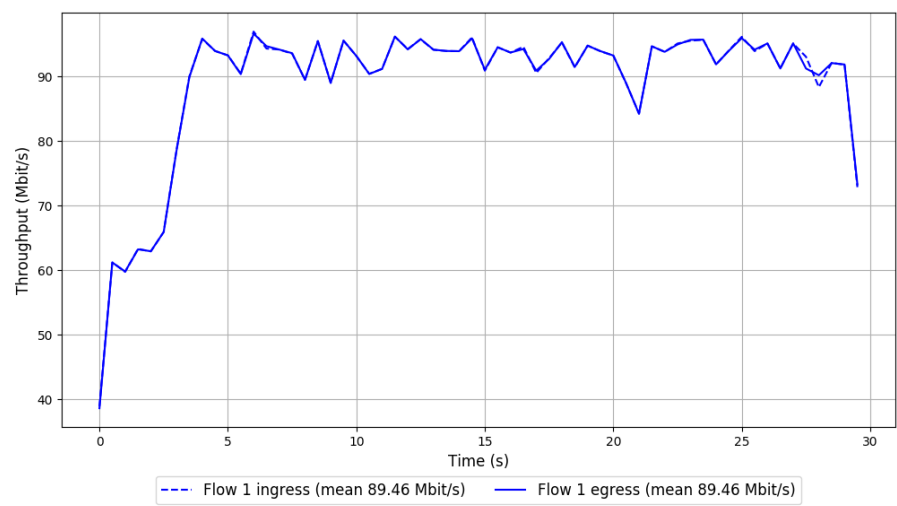


Run 2: Statistics of PCC

Start at: 2018-01-25 09:08:59
End at: 2018-01-25 09:09:29
Local clock offset: 0.368 ms
Remote clock offset: -0.118 ms

Below is generated by plot.py at 2018-01-25 12:16:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.46 Mbit/s
95th percentile per-packet one-way delay: 3.997 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.46 Mbit/s
95th percentile per-packet one-way delay: 3.997 ms
Loss rate: 0.00%

Run 2: Report of PCC — Data Link

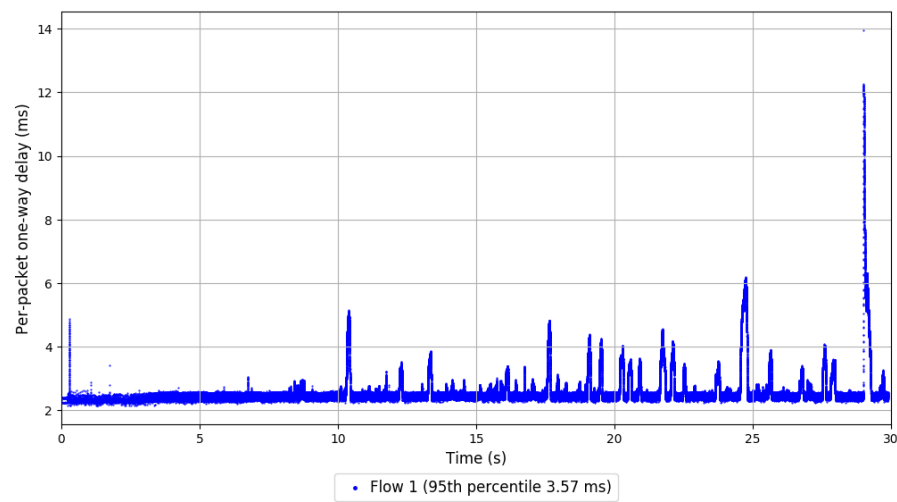
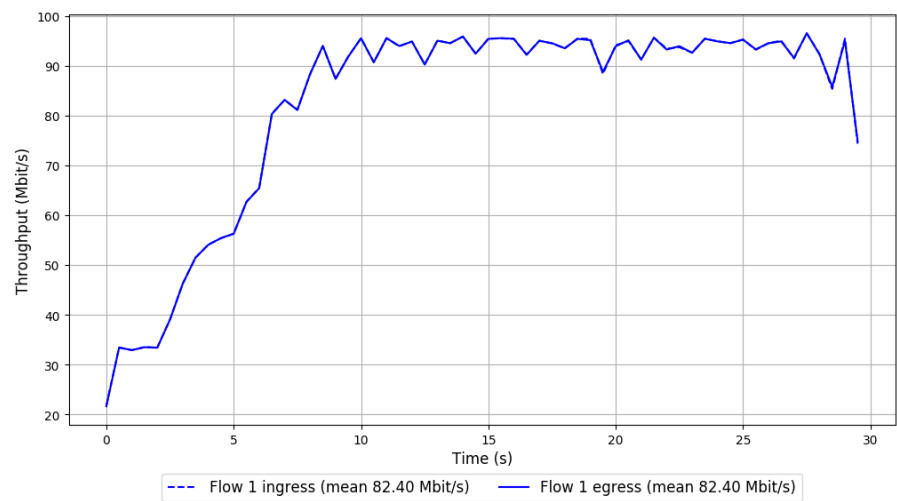


Run 3: Statistics of PCC

Start at: 2018-01-25 09:27:09
End at: 2018-01-25 09:27:39
Local clock offset: 0.385 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2018-01-25 12:17:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.40 Mbit/s
95th percentile per-packet one-way delay: 3.569 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.40 Mbit/s
95th percentile per-packet one-way delay: 3.569 ms
Loss rate: 0.00%

Run 3: Report of PCC — Data Link

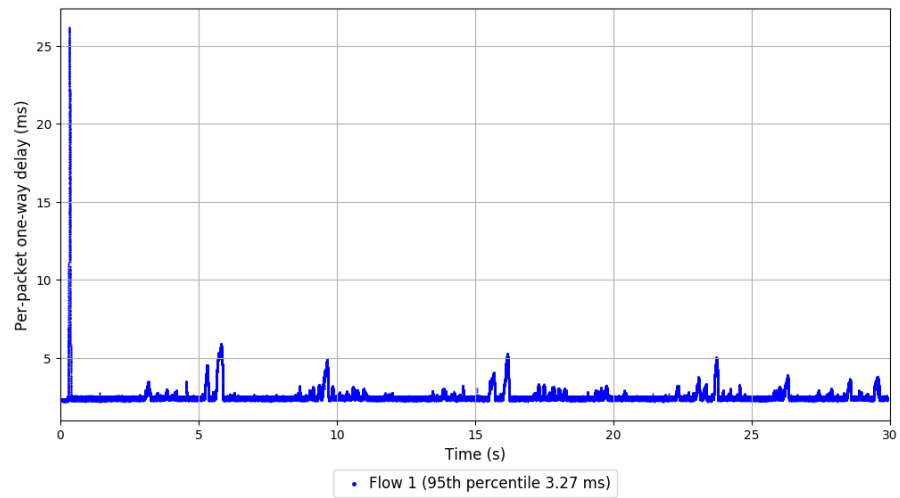
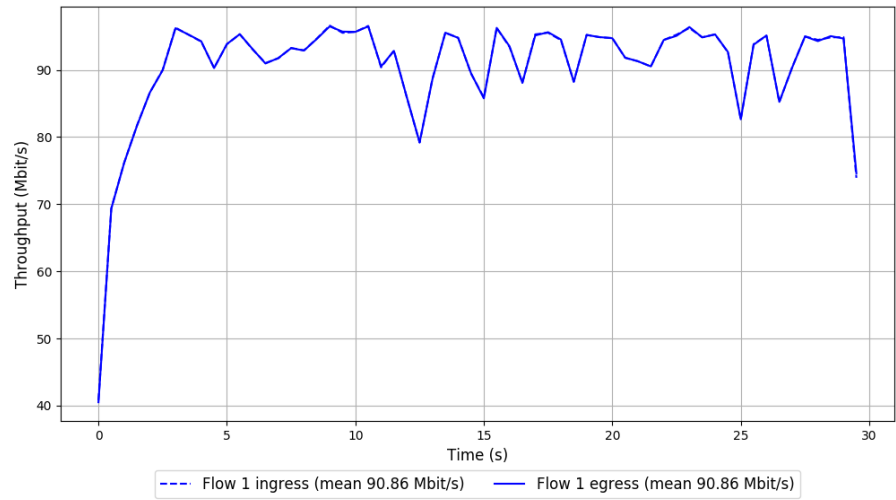


Run 4: Statistics of PCC

Start at: 2018-01-25 09:45:19
End at: 2018-01-25 09:45:49
Local clock offset: 0.382 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2018-01-25 12:18:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.86 Mbit/s
95th percentile per-packet one-way delay: 3.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.86 Mbit/s
95th percentile per-packet one-way delay: 3.265 ms
Loss rate: 0.00%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-01-25 10:03:29

End at: 2018-01-25 10:03:59

Local clock offset: 0.19 ms

Remote clock offset: 0.132 ms

Below is generated by plot.py at 2018-01-25 12:18:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.00 Mbit/s

95th percentile per-packet one-way delay: 3.892 ms

Loss rate: 0.00%

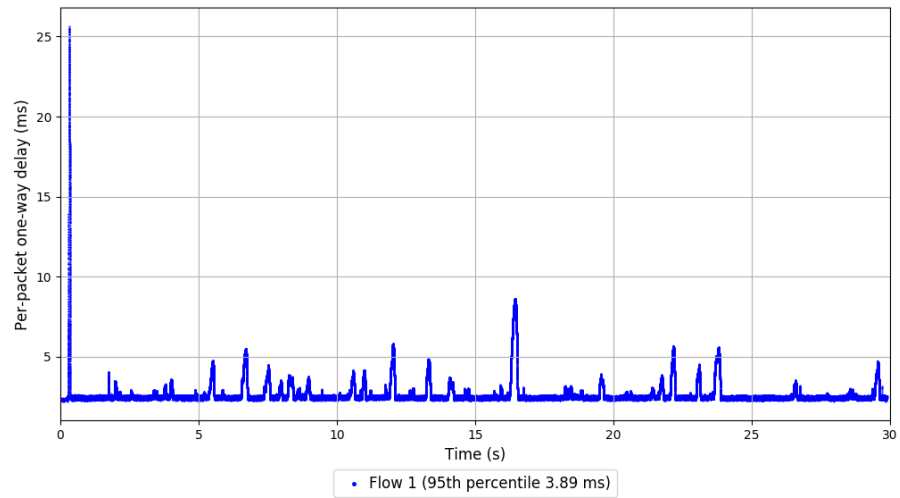
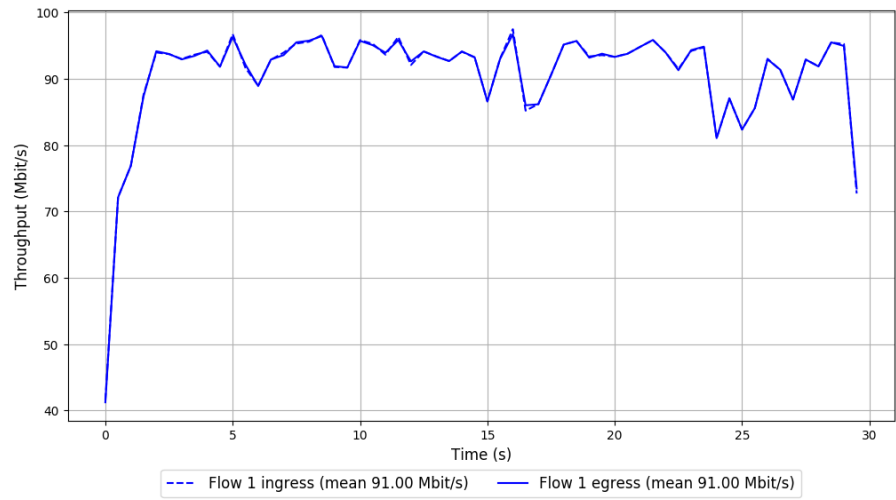
-- Flow 1:

Average throughput: 91.00 Mbit/s

95th percentile per-packet one-way delay: 3.892 ms

Loss rate: 0.00%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-01-25 10:21:40

End at: 2018-01-25 10:22:10

Local clock offset: 0.088 ms

Remote clock offset: 0.283 ms

Below is generated by plot.py at 2018-01-25 12:18:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.83 Mbit/s

95th percentile per-packet one-way delay: 4.140 ms

Loss rate: 0.00%

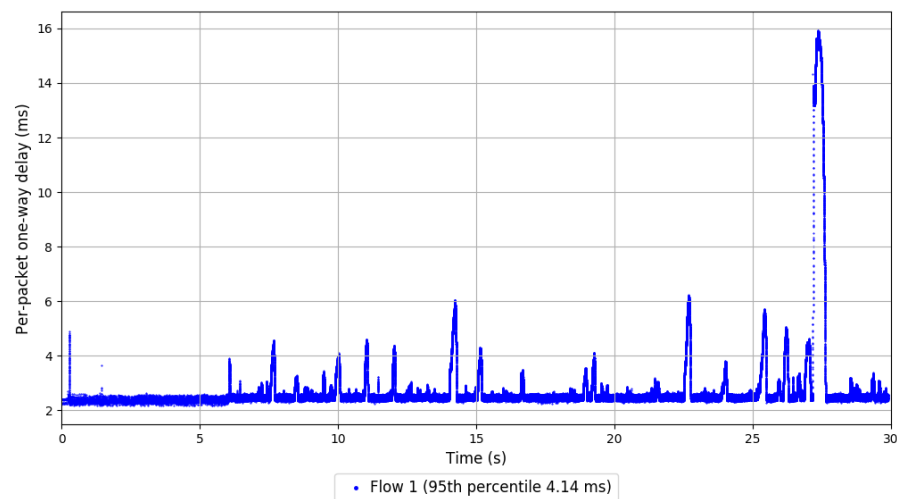
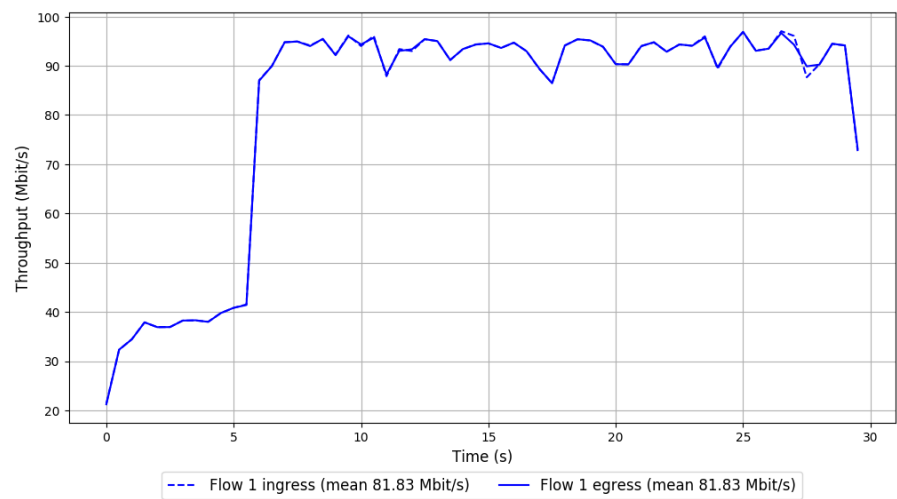
-- Flow 1:

Average throughput: 81.83 Mbit/s

95th percentile per-packet one-way delay: 4.140 ms

Loss rate: 0.00%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-01-25 10:39:51

End at: 2018-01-25 10:40:21

Local clock offset: 0.165 ms

Remote clock offset: 0.436 ms

Below is generated by plot.py at 2018-01-25 12:18:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.19 Mbit/s

95th percentile per-packet one-way delay: 3.496 ms

Loss rate: 0.00%

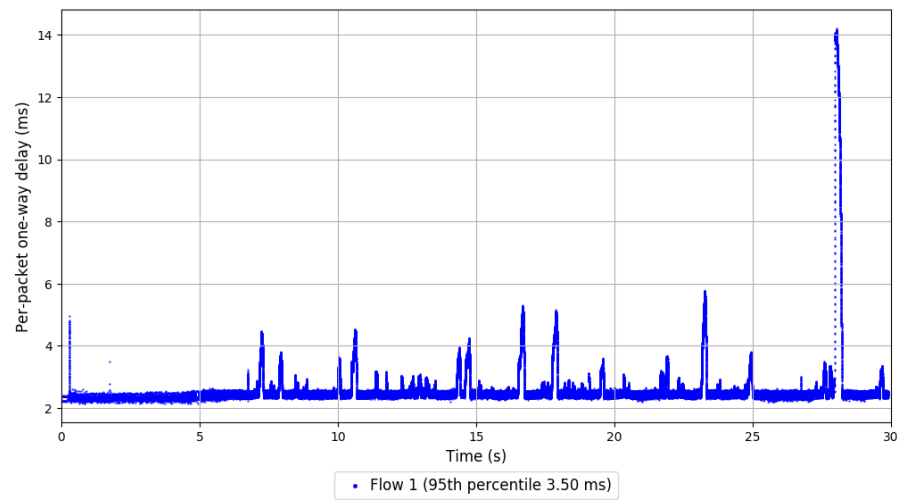
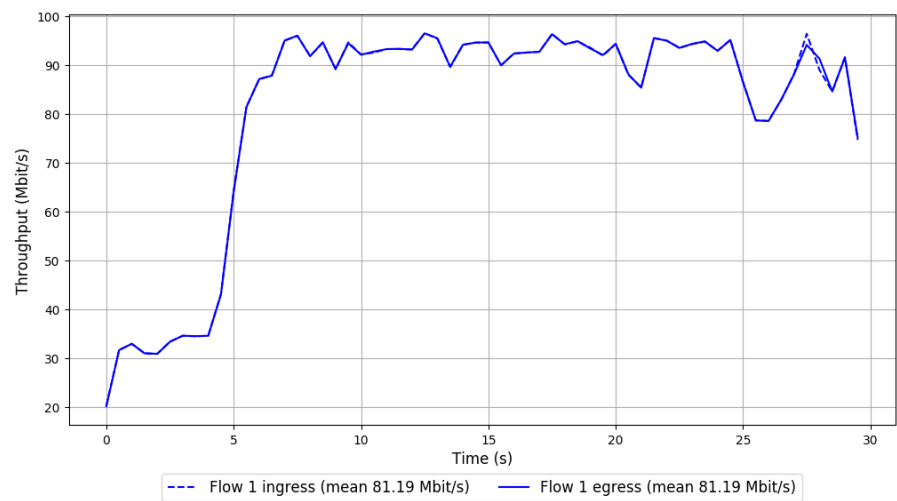
-- Flow 1:

Average throughput: 81.19 Mbit/s

95th percentile per-packet one-way delay: 3.496 ms

Loss rate: 0.00%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-01-25 10:58:01

End at: 2018-01-25 10:58:31

Local clock offset: 0.203 ms

Remote clock offset: 0.498 ms

Below is generated by plot.py at 2018-01-25 12:18:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.17 Mbit/s

95th percentile per-packet one-way delay: 3.392 ms

Loss rate: 0.00%

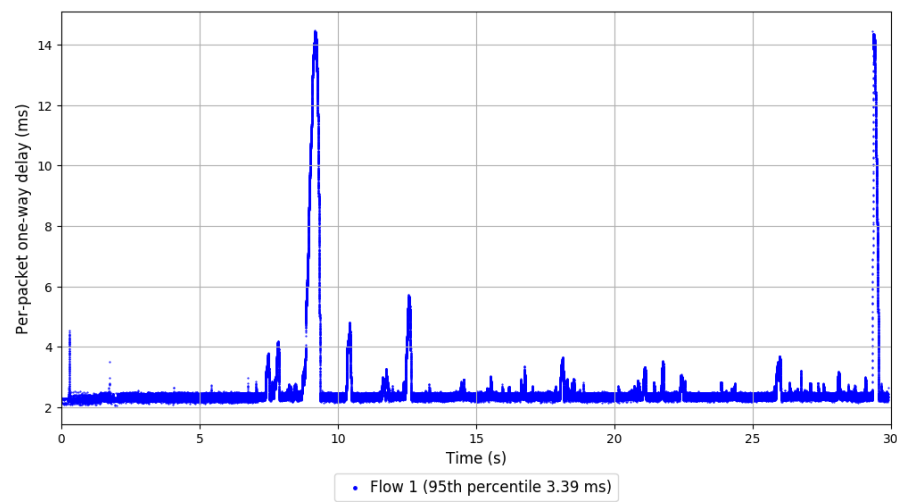
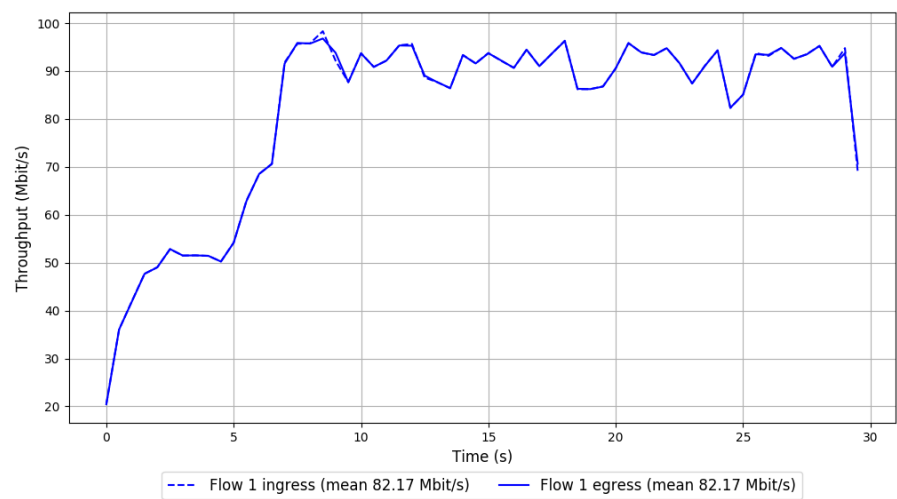
-- Flow 1:

Average throughput: 82.17 Mbit/s

95th percentile per-packet one-way delay: 3.392 ms

Loss rate: 0.00%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-01-25 11:16:11

End at: 2018-01-25 11:16:41

Local clock offset: 0.255 ms

Remote clock offset: 0.558 ms

Below is generated by plot.py at 2018-01-25 12:18:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.37 Mbit/s

95th percentile per-packet one-way delay: 4.222 ms

Loss rate: 0.00%

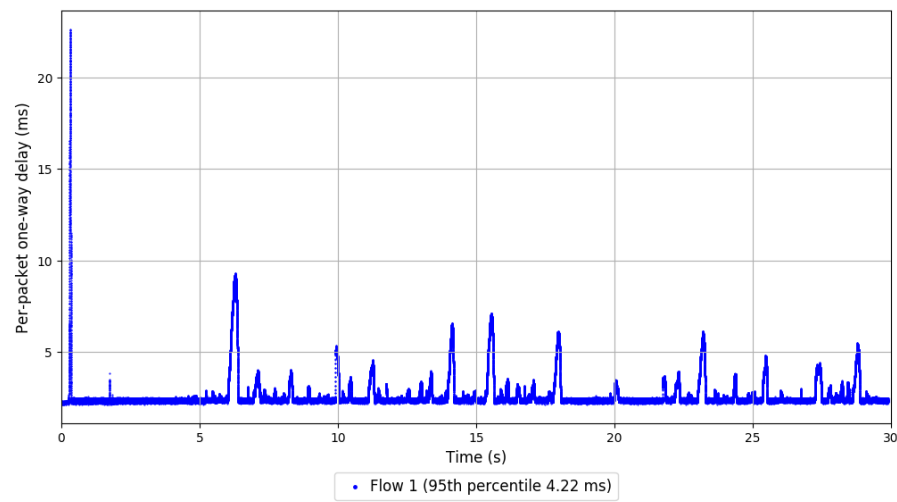
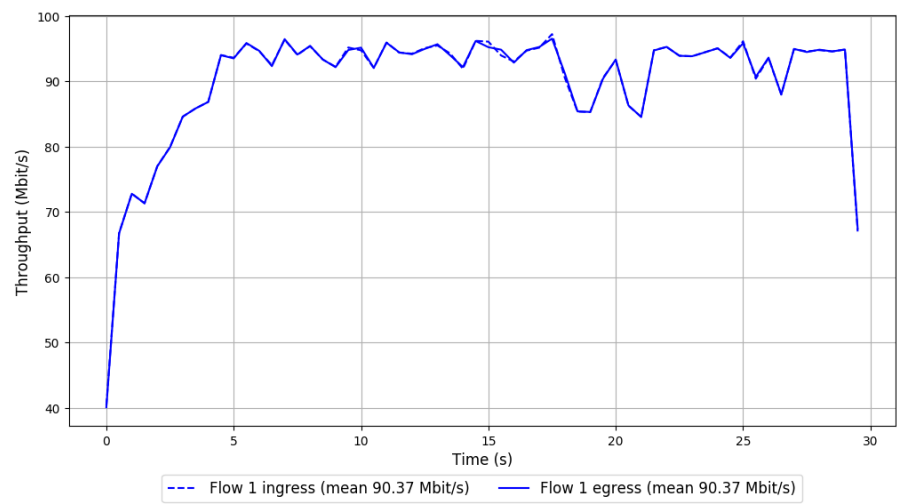
-- Flow 1:

Average throughput: 90.37 Mbit/s

95th percentile per-packet one-way delay: 4.222 ms

Loss rate: 0.00%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-01-25 11:34:19

End at: 2018-01-25 11:34:49

Local clock offset: 0.275 ms

Remote clock offset: 0.671 ms

Below is generated by plot.py at 2018-01-25 12:18:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.72 Mbit/s

95th percentile per-packet one-way delay: 3.663 ms

Loss rate: 0.00%

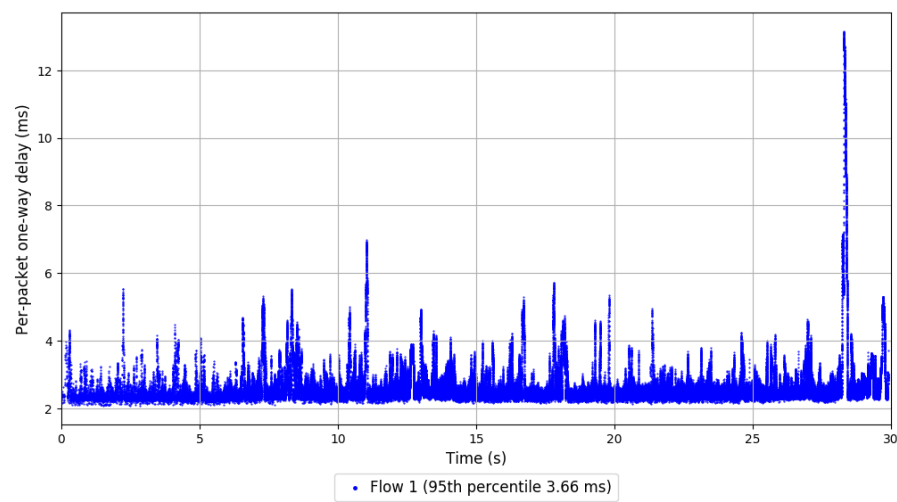
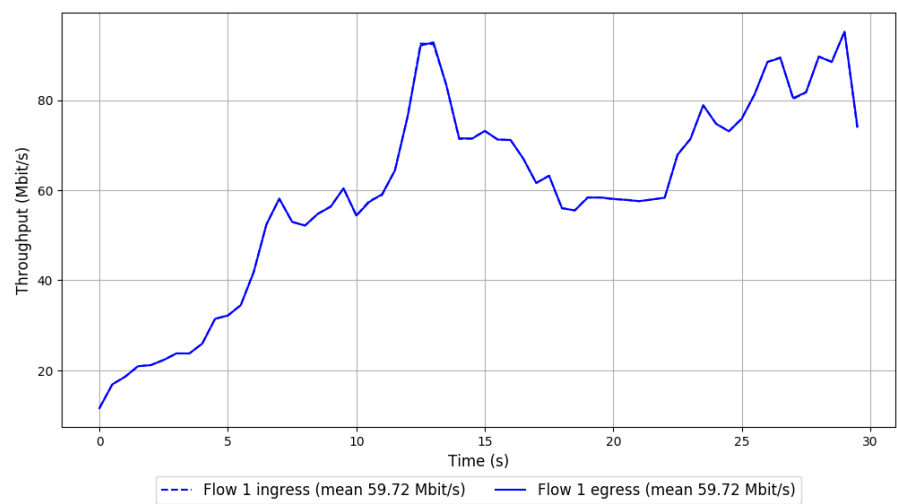
-- Flow 1:

Average throughput: 59.72 Mbit/s

95th percentile per-packet one-way delay: 3.663 ms

Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-01-25 08:51:55

End at: 2018-01-25 08:52:25

Local clock offset: 0.388 ms

Remote clock offset: -0.166 ms

Below is generated by plot.py at 2018-01-25 12:18:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.75 Mbit/s

95th percentile per-packet one-way delay: 12.355 ms

Loss rate: 0.07%

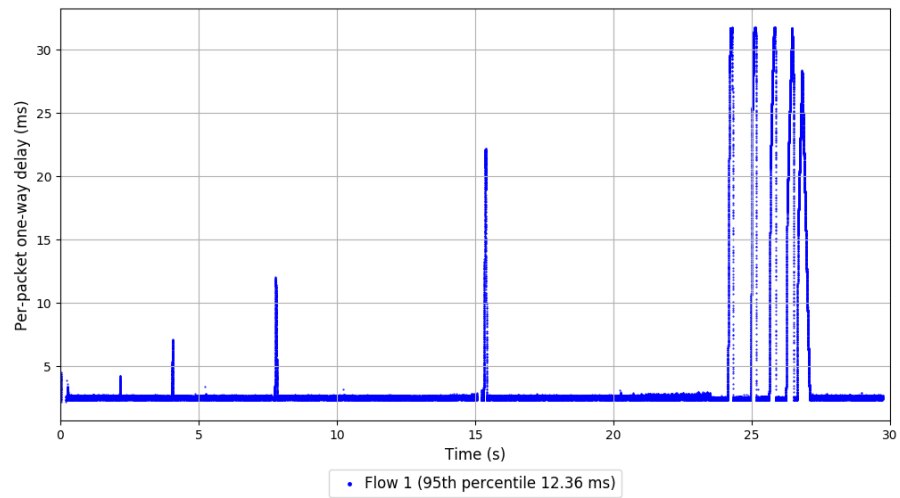
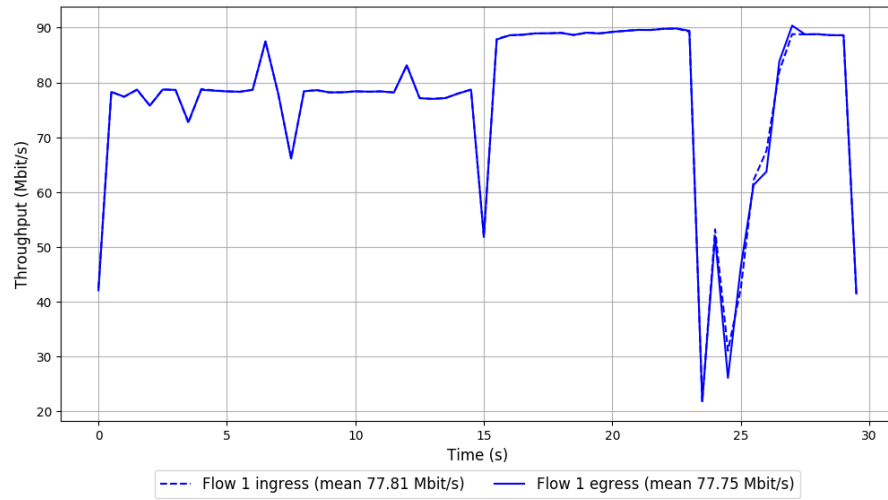
-- Flow 1:

Average throughput: 77.75 Mbit/s

95th percentile per-packet one-way delay: 12.355 ms

Loss rate: 0.07%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-01-25 09:10:05

End at: 2018-01-25 09:10:35

Local clock offset: 0.391 ms

Remote clock offset: -0.142 ms

Below is generated by plot.py at 2018-01-25 12:19:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.52 Mbit/s

95th percentile per-packet one-way delay: 22.165 ms

Loss rate: 0.05%

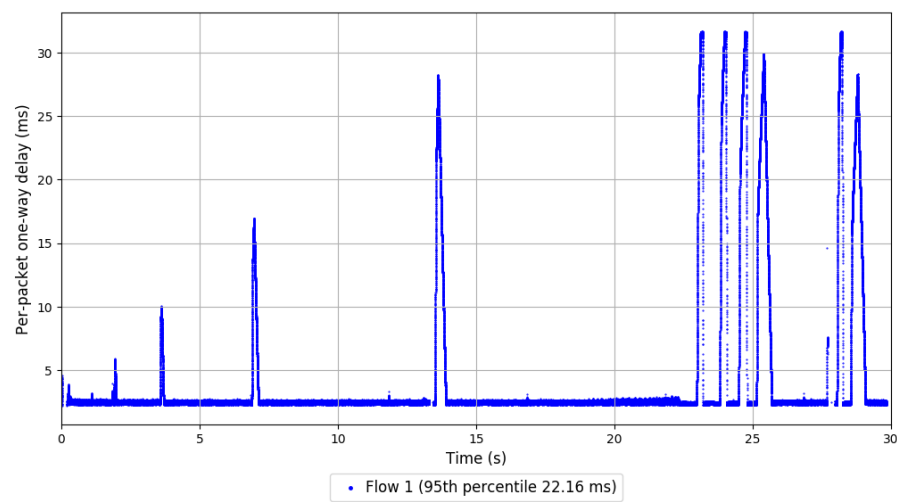
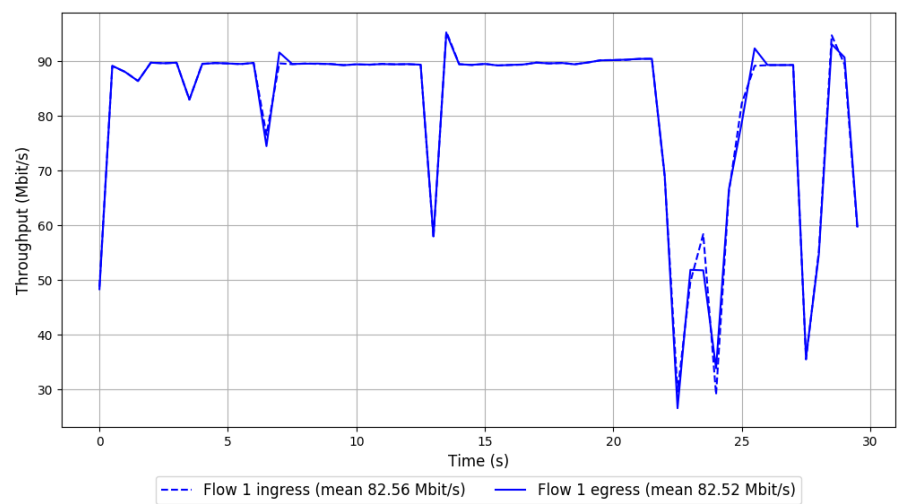
-- Flow 1:

Average throughput: 82.52 Mbit/s

95th percentile per-packet one-way delay: 22.165 ms

Loss rate: 0.05%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-01-25 09:28:15

End at: 2018-01-25 09:28:45

Local clock offset: 0.398 ms

Remote clock offset: -0.133 ms

Below is generated by plot.py at 2018-01-25 12:19:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.73 Mbit/s

95th percentile per-packet one-way delay: 22.418 ms

Loss rate: 0.04%

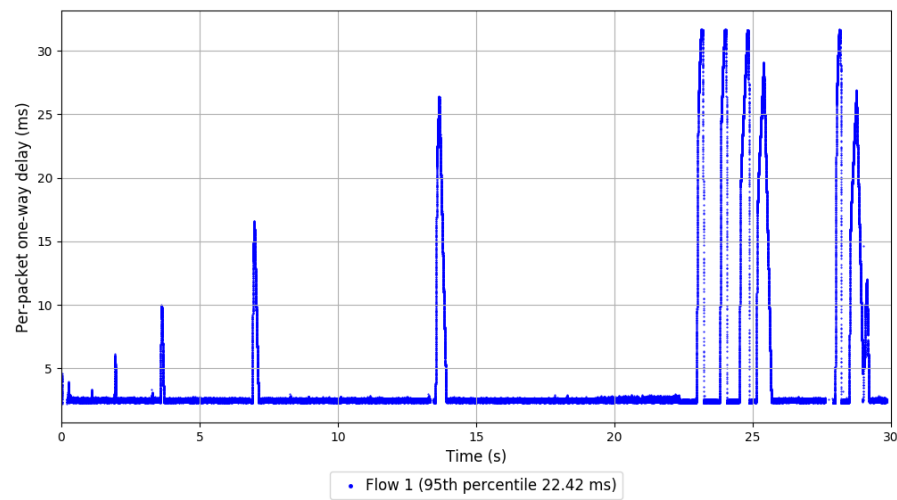
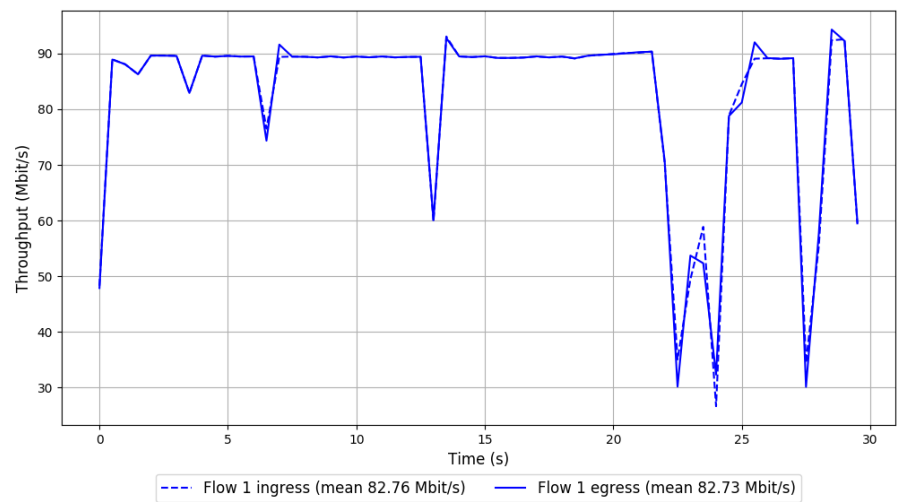
-- Flow 1:

Average throughput: 82.73 Mbit/s

95th percentile per-packet one-way delay: 22.418 ms

Loss rate: 0.04%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-01-25 09:46:26

End at: 2018-01-25 09:46:56

Local clock offset: 0.315 ms

Remote clock offset: -0.146 ms

Below is generated by plot.py at 2018-01-25 12:19:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.86 Mbit/s

95th percentile per-packet one-way delay: 16.567 ms

Loss rate: 0.00%

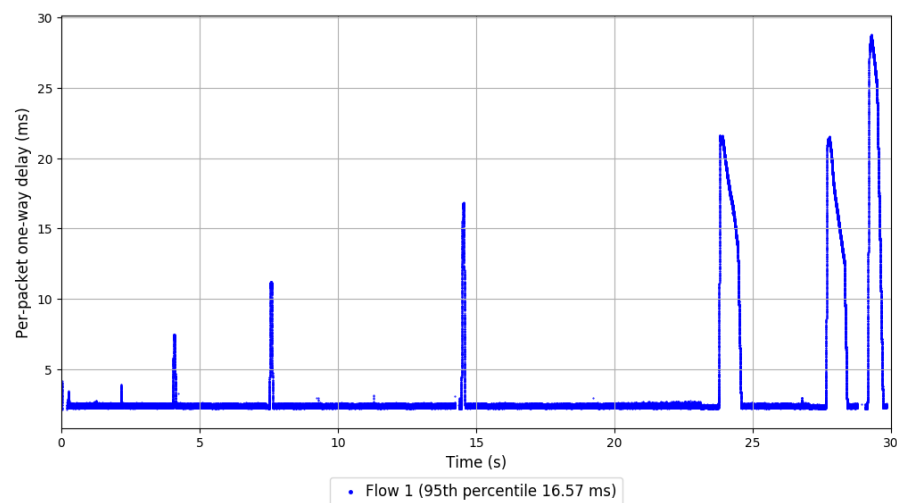
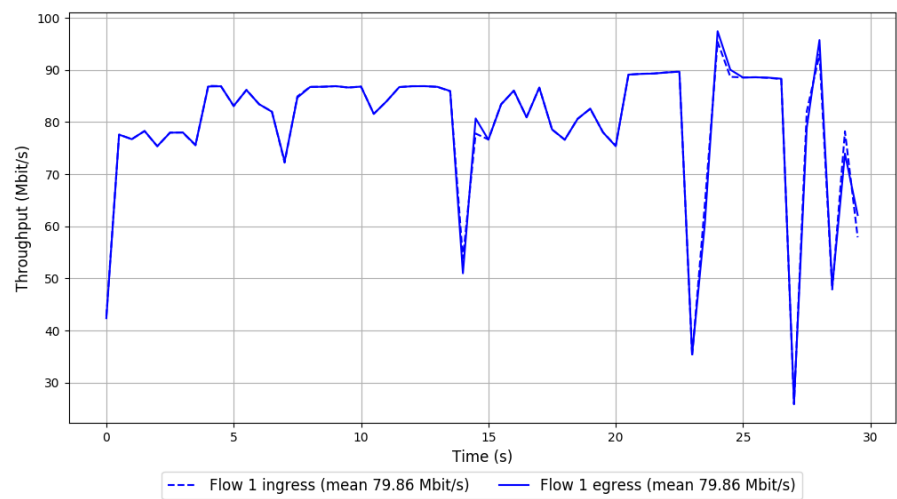
-- Flow 1:

Average throughput: 79.86 Mbit/s

95th percentile per-packet one-way delay: 16.567 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-01-25 10:04:36

End at: 2018-01-25 10:05:06

Local clock offset: 0.258 ms

Remote clock offset: 0.19 ms

Below is generated by plot.py at 2018-01-25 12:19:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.76 Mbit/s

95th percentile per-packet one-way delay: 12.929 ms

Loss rate: 0.08%

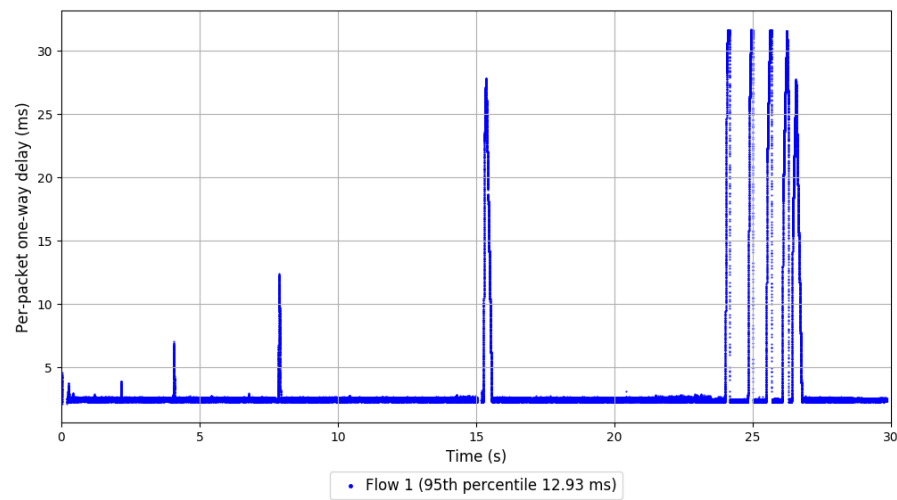
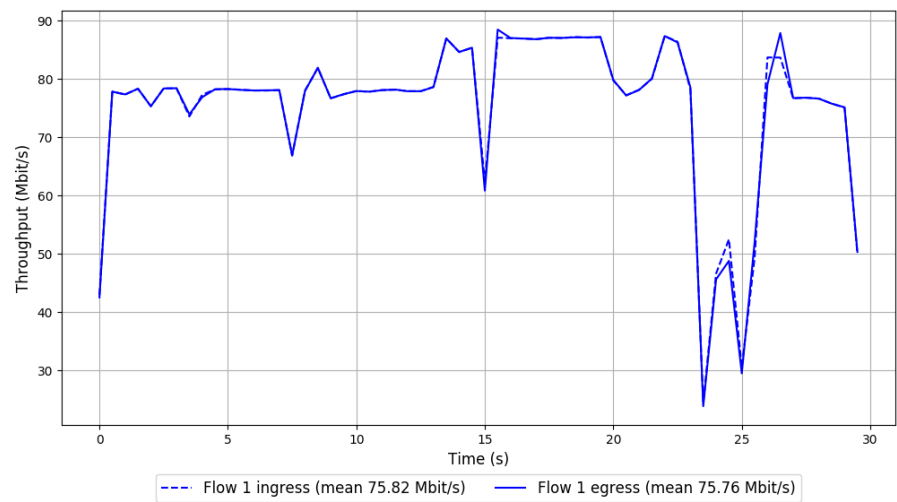
-- Flow 1:

Average throughput: 75.76 Mbit/s

95th percentile per-packet one-way delay: 12.929 ms

Loss rate: 0.08%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-01-25 10:22:47

End at: 2018-01-25 10:23:17

Local clock offset: 0.098 ms

Remote clock offset: 0.357 ms

Below is generated by plot.py at 2018-01-25 12:19:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.81 Mbit/s

95th percentile per-packet one-way delay: 20.780 ms

Loss rate: 0.08%

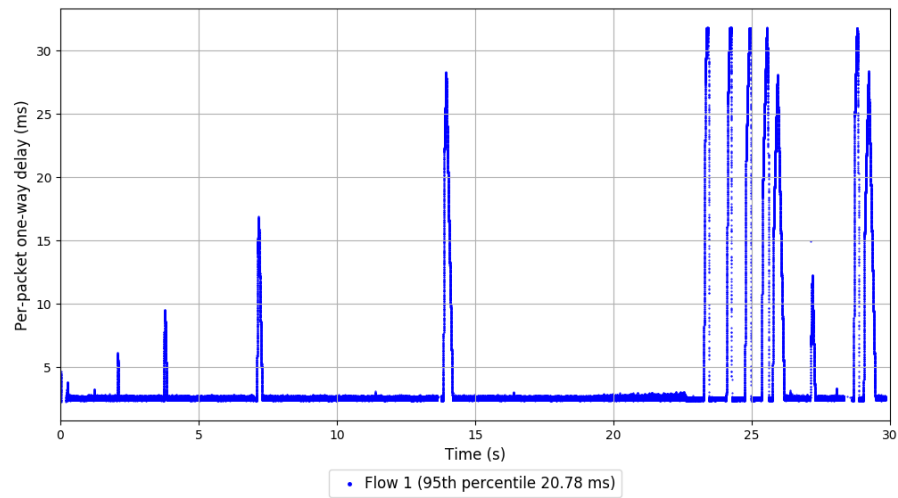
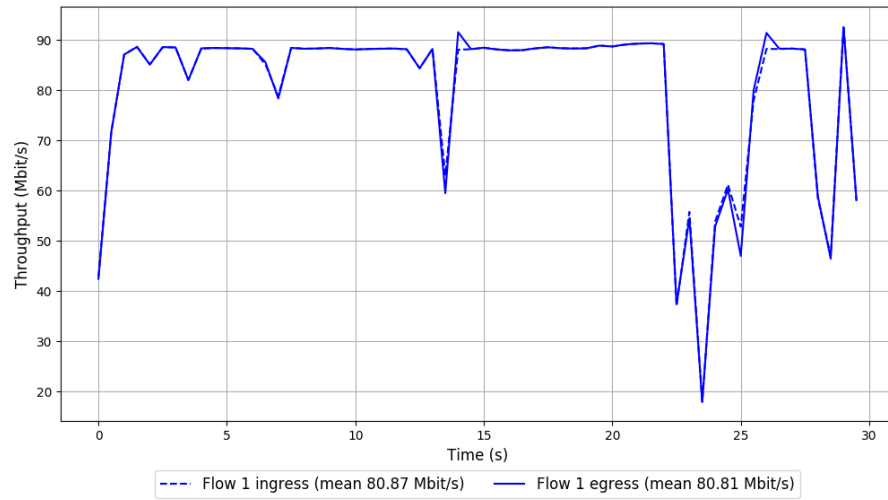
-- Flow 1:

Average throughput: 80.81 Mbit/s

95th percentile per-packet one-way delay: 20.780 ms

Loss rate: 0.08%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-01-25 10:40:57

End at: 2018-01-25 10:41:27

Local clock offset: 0.182 ms

Remote clock offset: 0.377 ms

Below is generated by plot.py at 2018-01-25 12:19:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.30 Mbit/s

95th percentile per-packet one-way delay: 2.491 ms

Loss rate: 0.00%

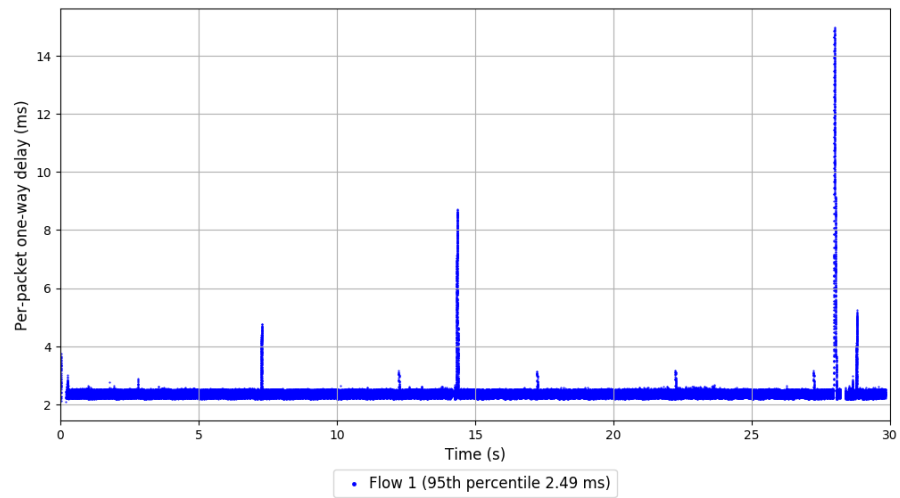
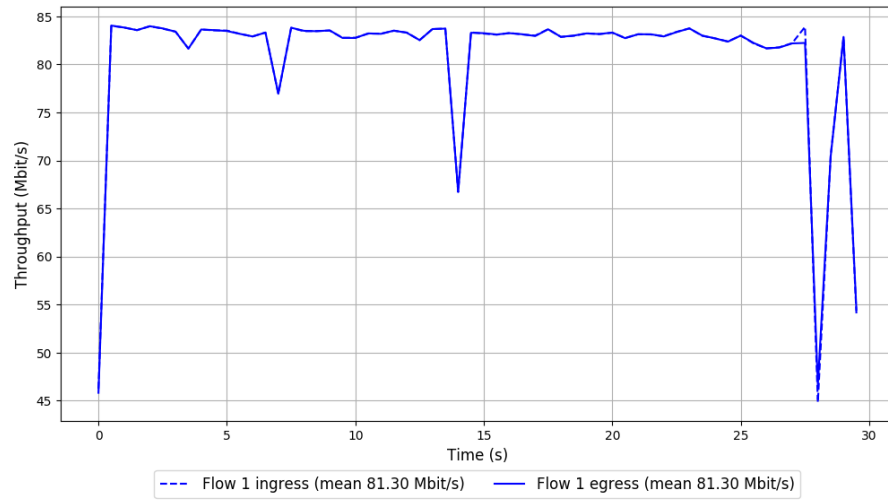
-- Flow 1:

Average throughput: 81.30 Mbit/s

95th percentile per-packet one-way delay: 2.491 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-01-25 10:59:07

End at: 2018-01-25 10:59:37

Local clock offset: 0.195 ms

Remote clock offset: 0.558 ms

Below is generated by plot.py at 2018-01-25 12:19:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.08 Mbit/s

95th percentile per-packet one-way delay: 20.689 ms

Loss rate: 0.08%

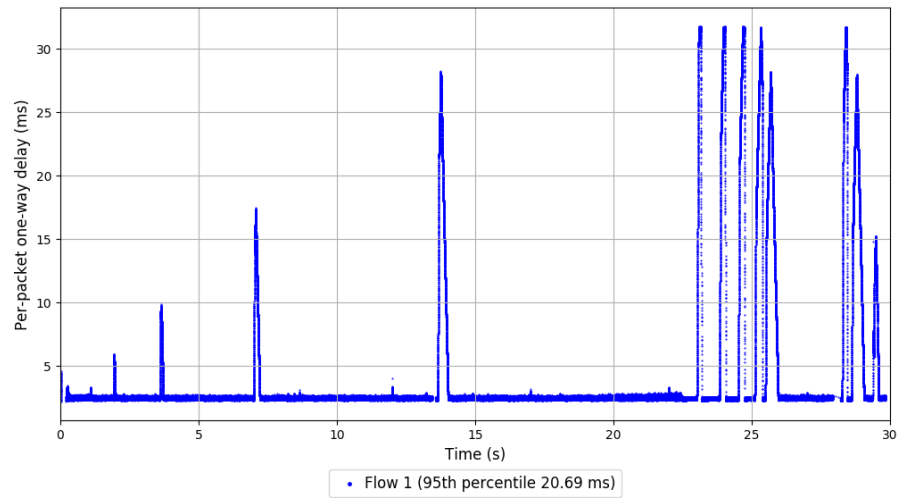
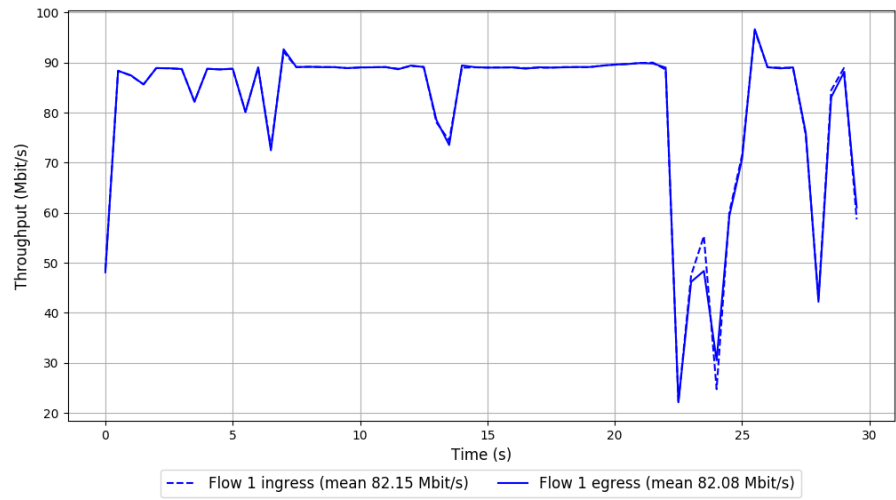
-- Flow 1:

Average throughput: 82.08 Mbit/s

95th percentile per-packet one-way delay: 20.689 ms

Loss rate: 0.08%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-01-25 11:17:18

End at: 2018-01-25 11:17:48

Local clock offset: 0.28 ms

Remote clock offset: 0.65 ms

Below is generated by plot.py at 2018-01-25 12:20:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.31 Mbit/s

95th percentile per-packet one-way delay: 20.614 ms

Loss rate: 0.07%

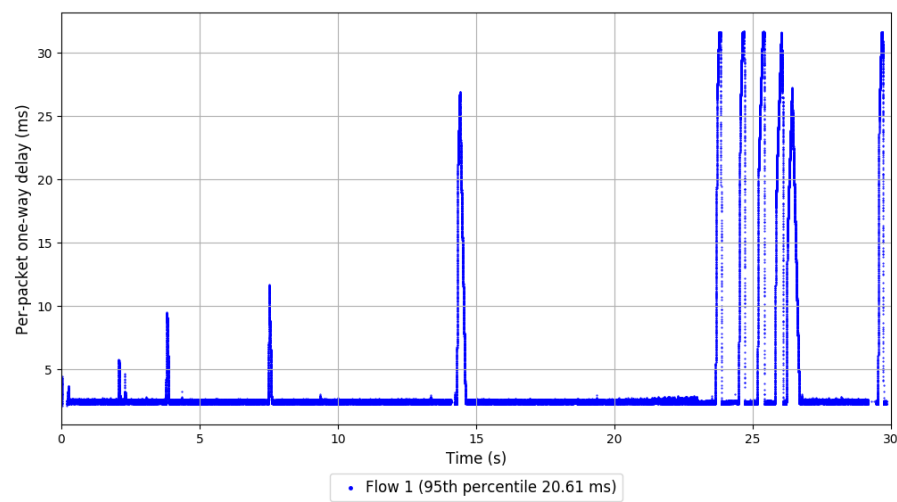
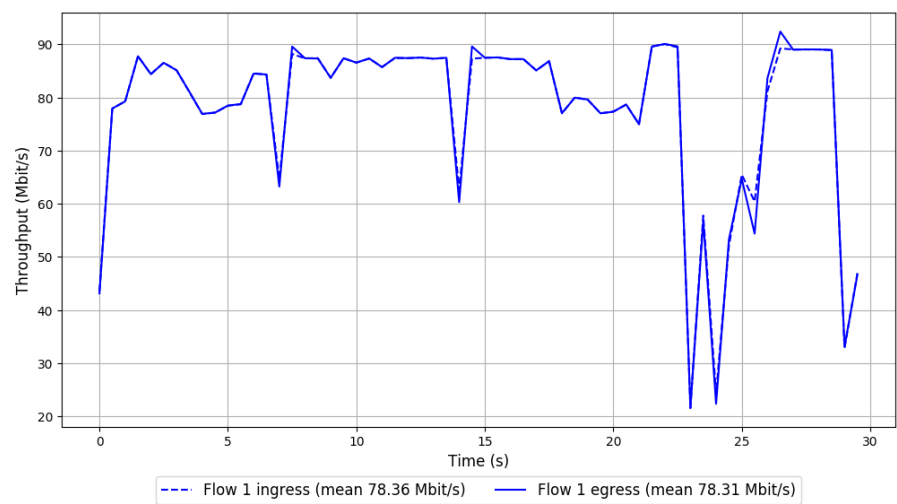
-- Flow 1:

Average throughput: 78.31 Mbit/s

95th percentile per-packet one-way delay: 20.614 ms

Loss rate: 0.07%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-01-25 11:35:25

End at: 2018-01-25 11:35:55

Local clock offset: 0.278 ms

Remote clock offset: 0.743 ms

Below is generated by plot.py at 2018-01-25 12:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.67 Mbit/s

95th percentile per-packet one-way delay: 20.671 ms

Loss rate: 0.07%

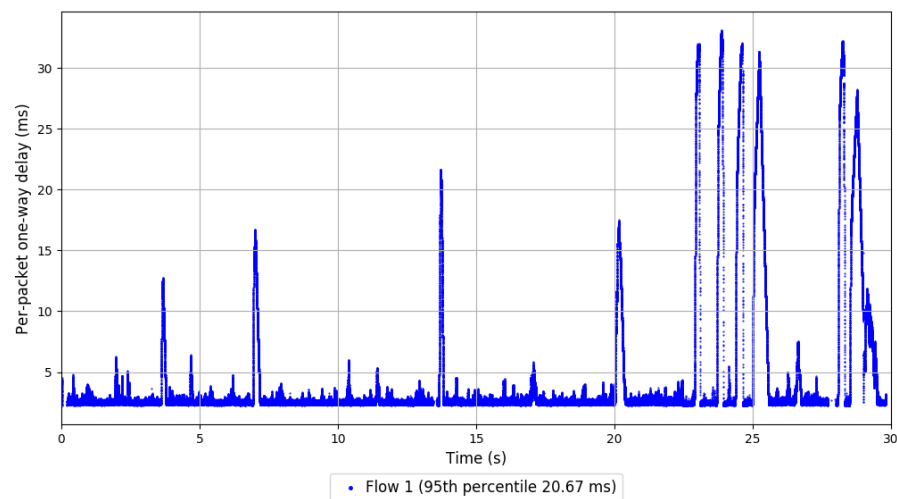
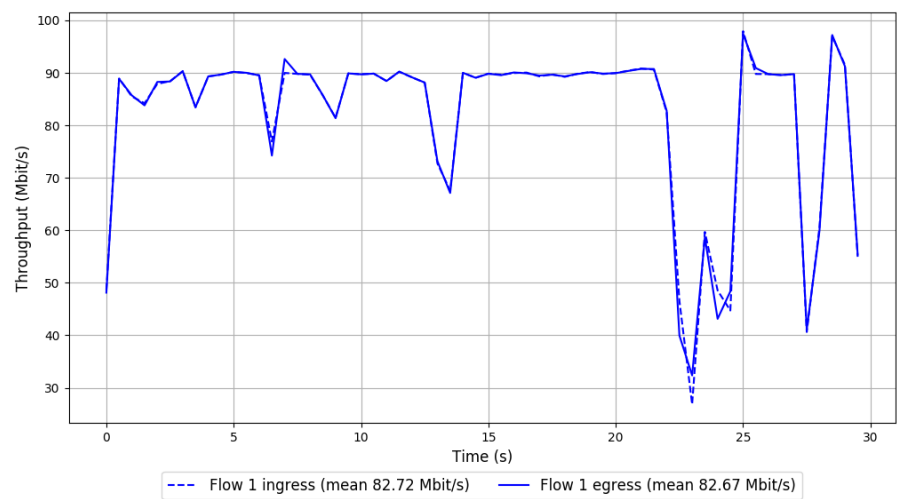
-- Flow 1:

Average throughput: 82.67 Mbit/s

95th percentile per-packet one-way delay: 20.671 ms

Loss rate: 0.07%

Run 10: Report of QUIC Cubic — Data Link

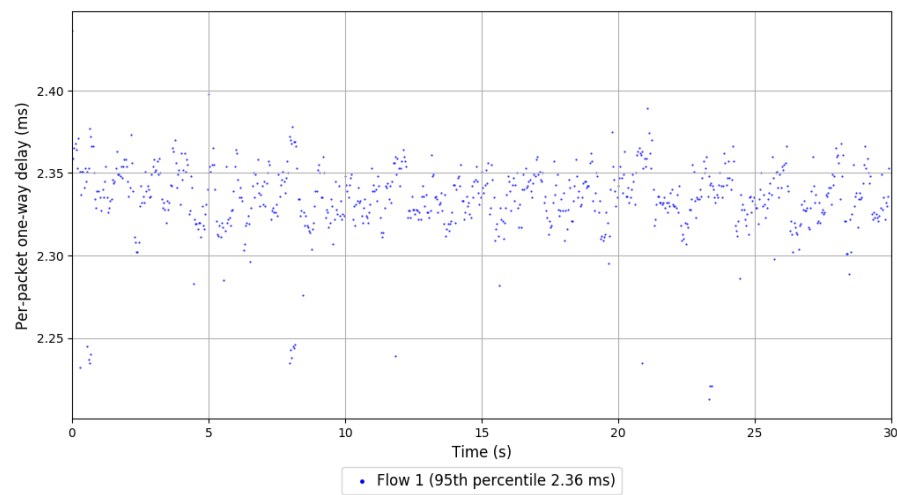
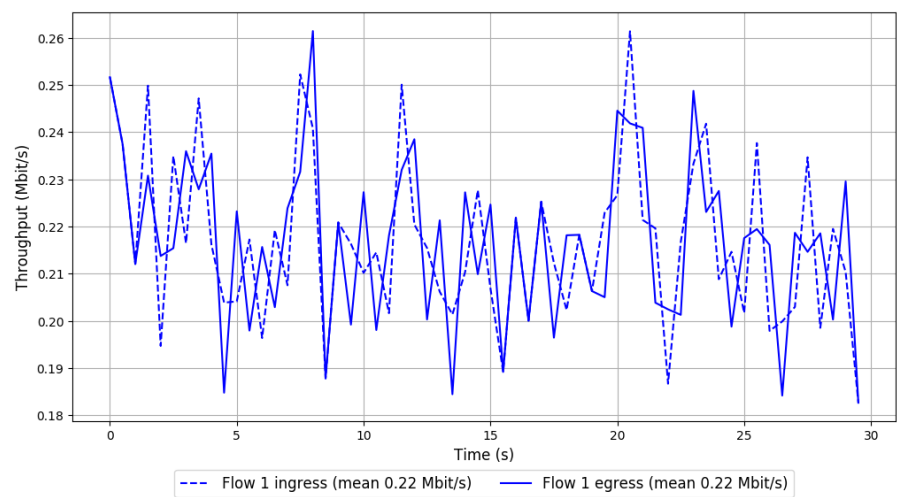


Run 1: Statistics of SCReAM

Start at: 2018-01-25 08:49:45
End at: 2018-01-25 08:50:15
Local clock offset: 0.438 ms
Remote clock offset: -0.167 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.362 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

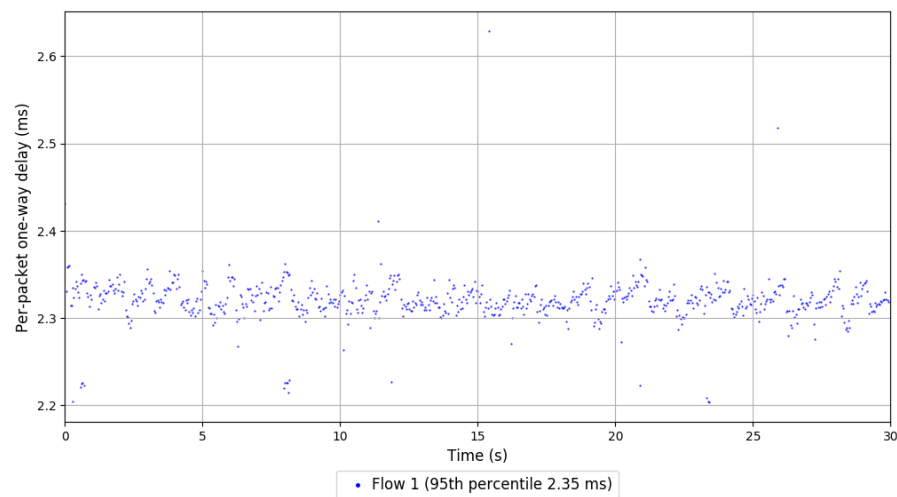
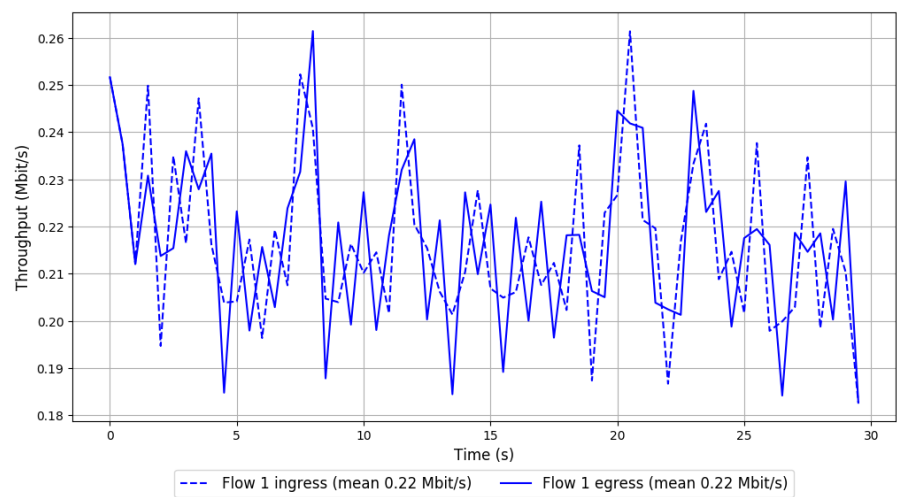


Run 2: Statistics of SCReAM

Start at: 2018-01-25 09:07:55
End at: 2018-01-25 09:08:25
Local clock offset: 0.378 ms
Remote clock offset: -0.145 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.347 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.347 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

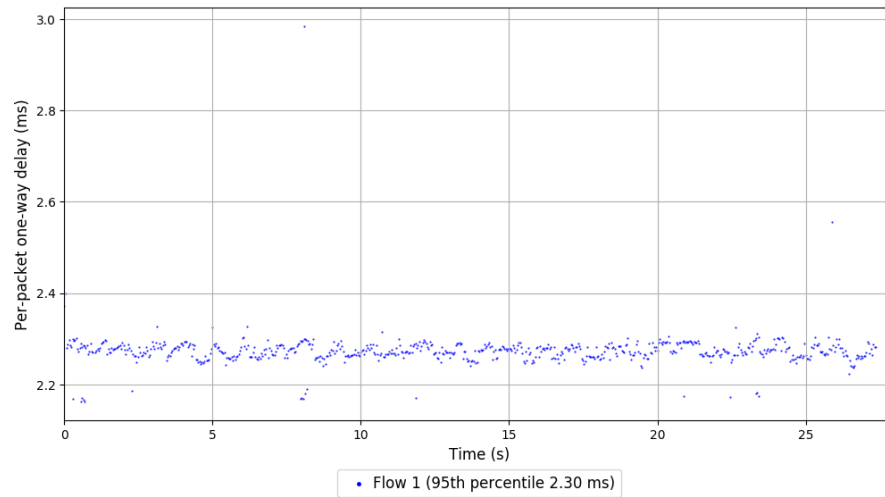
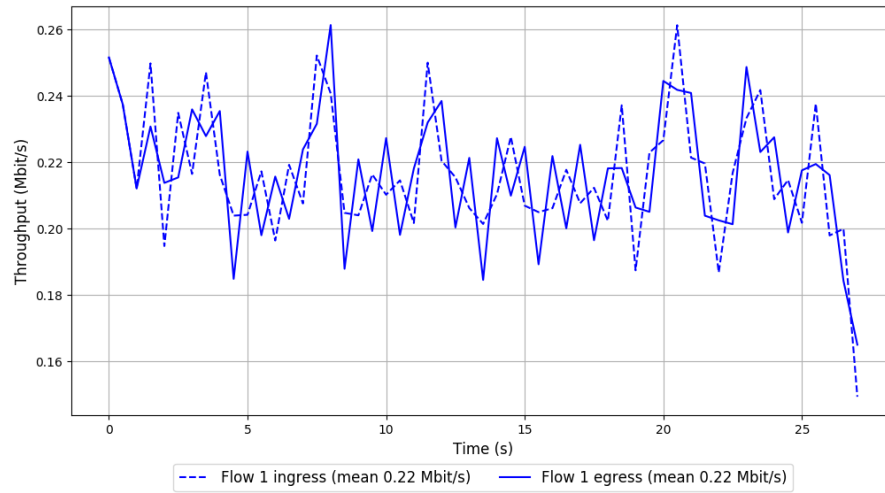


Run 3: Statistics of SCReAM

Start at: 2018-01-25 09:26:05
End at: 2018-01-25 09:26:35
Local clock offset: 0.387 ms
Remote clock offset: -0.186 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.298 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

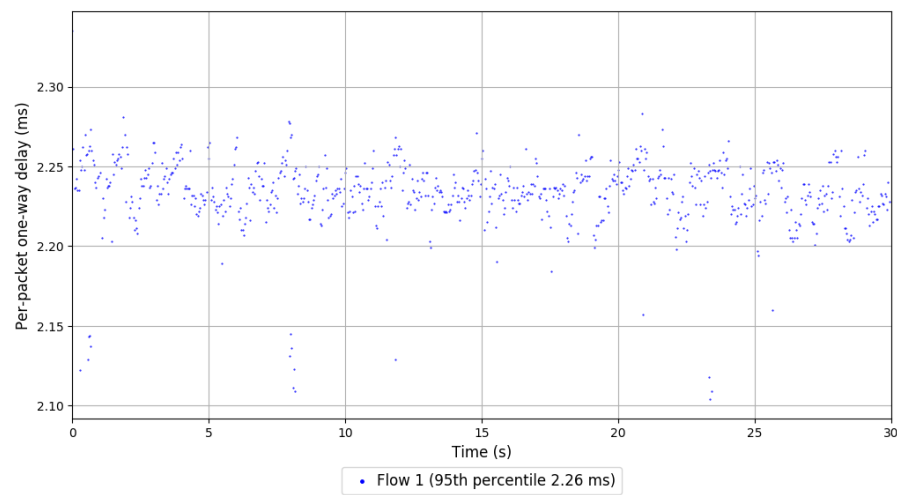
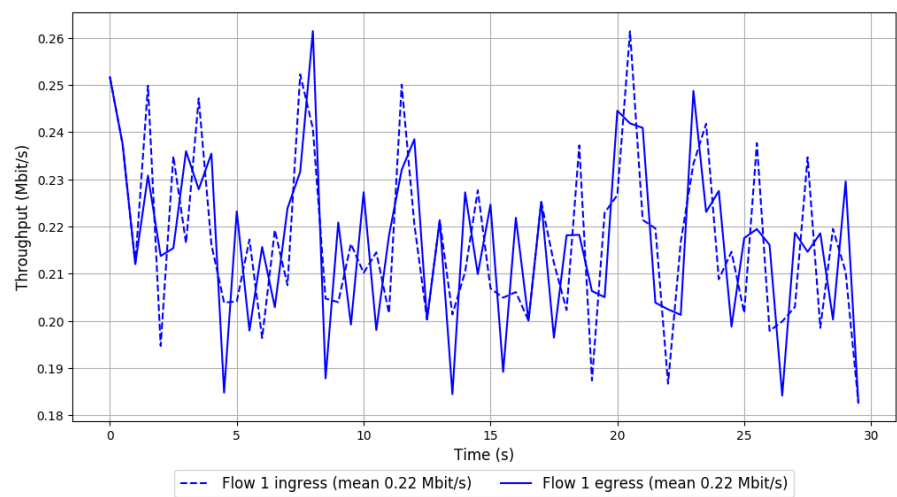


Run 4: Statistics of SCReAM

Start at: 2018-01-25 09:44:15
End at: 2018-01-25 09:44:45
Local clock offset: 0.387 ms
Remote clock offset: -0.193 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.260 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

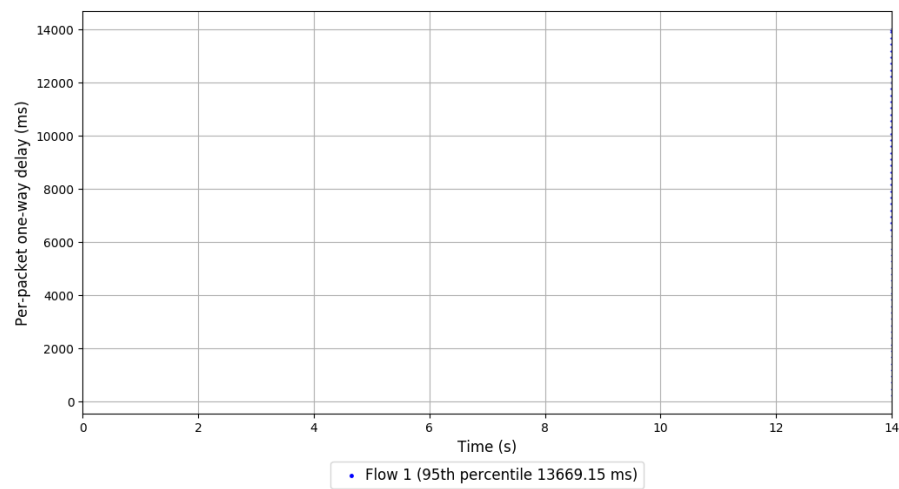
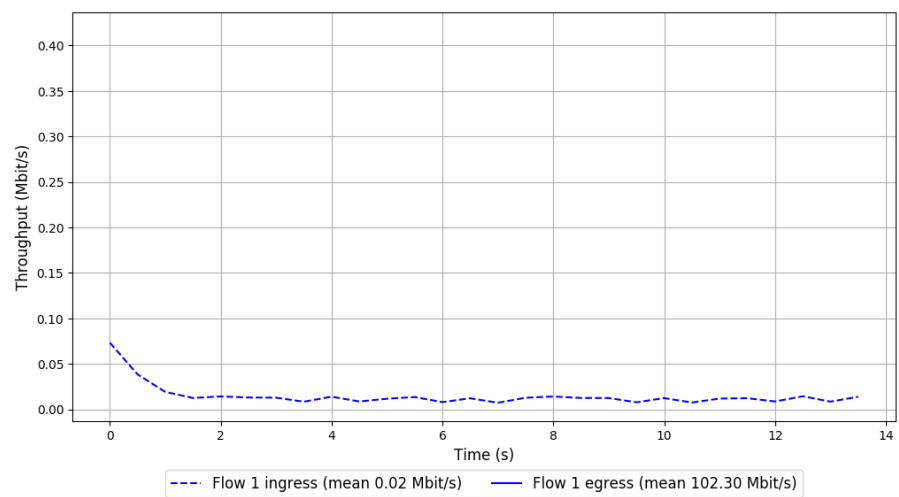
Start at: 2018-01-25 10:02:26

End at: 2018-01-25 10:02:56

Local clock offset: 0.251 ms

Remote clock offset: 0.084 ms

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-01-25 10:20:36

End at: 2018-01-25 10:21:06

Local clock offset: 0.156 ms

Remote clock offset: 0.331 ms

Below is generated by plot.py at 2018-01-25 12:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.333 ms

Loss rate: 0.00%

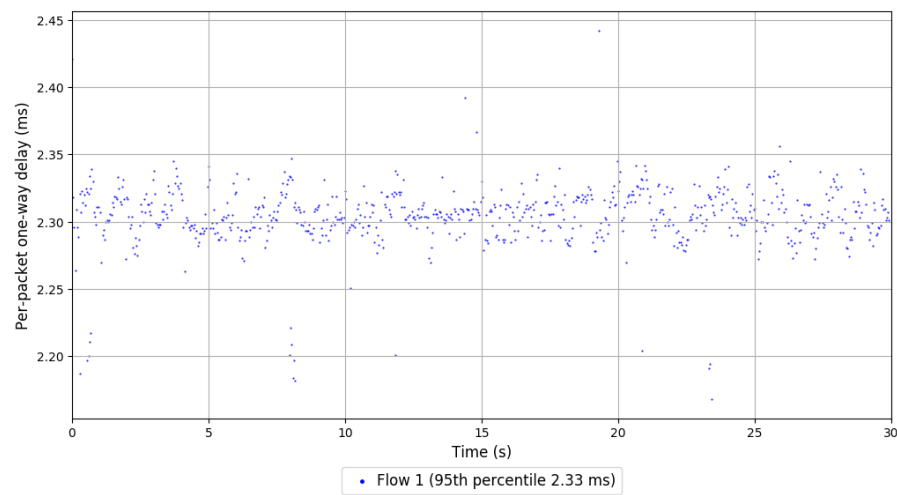
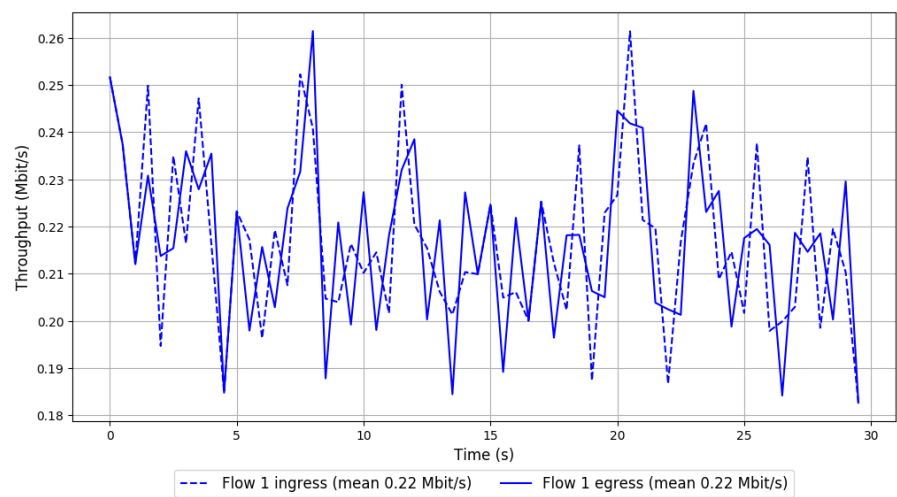
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.333 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-01-25 10:38:47

End at: 2018-01-25 10:39:17

Local clock offset: 0.172 ms

Remote clock offset: 0.456 ms

Below is generated by plot.py at 2018-01-25 12:20:33

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%

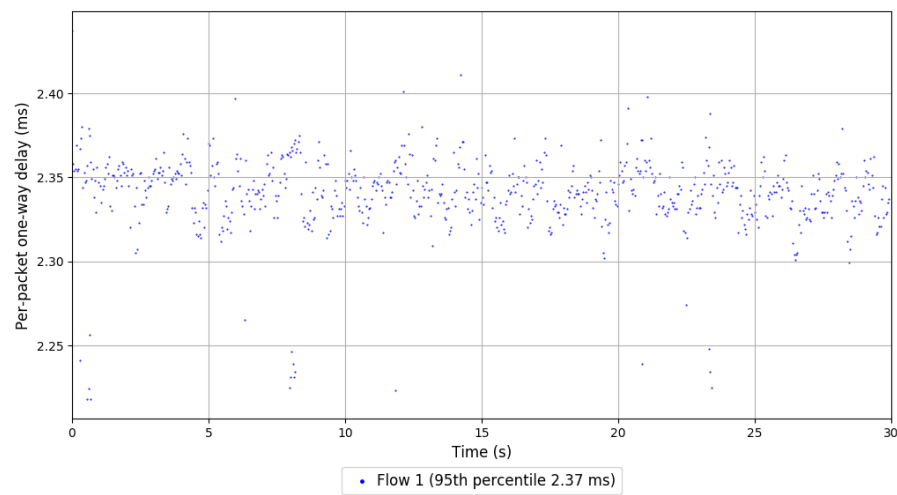
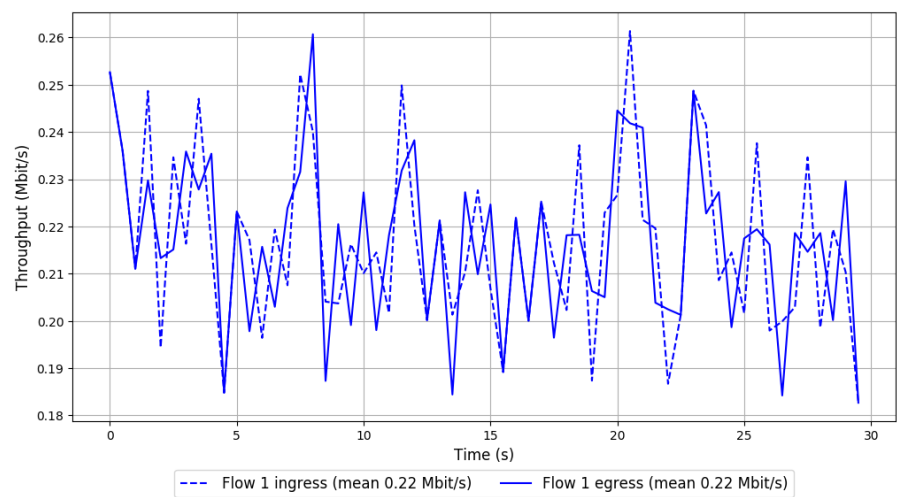
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

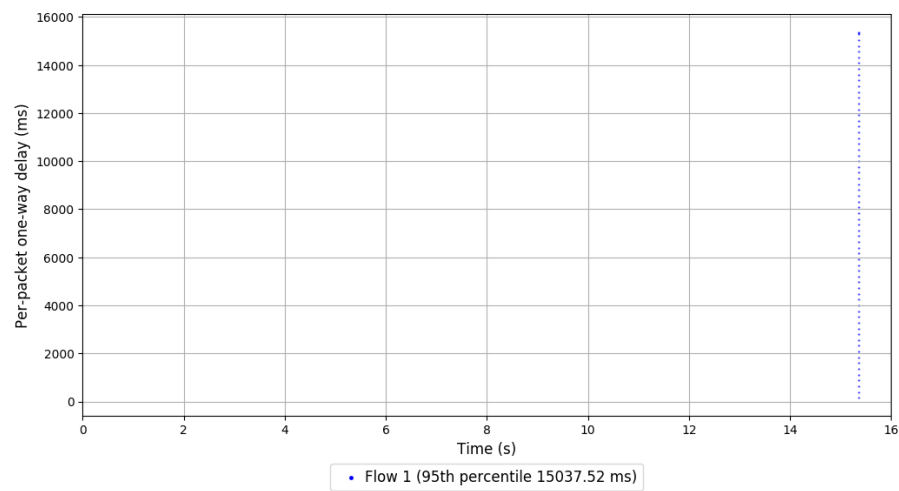
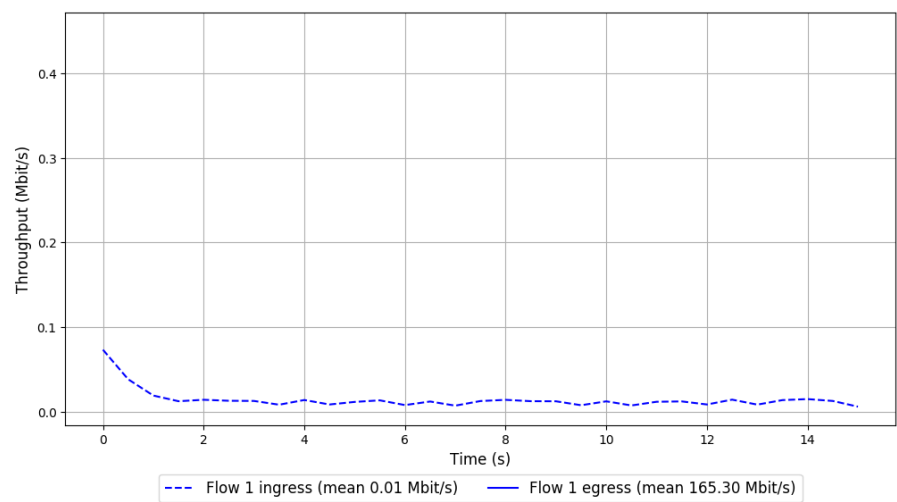
Start at: 2018-01-25 10:56:57

End at: 2018-01-25 10:57:27

Local clock offset: 0.179 ms

Remote clock offset: 0.579 ms

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

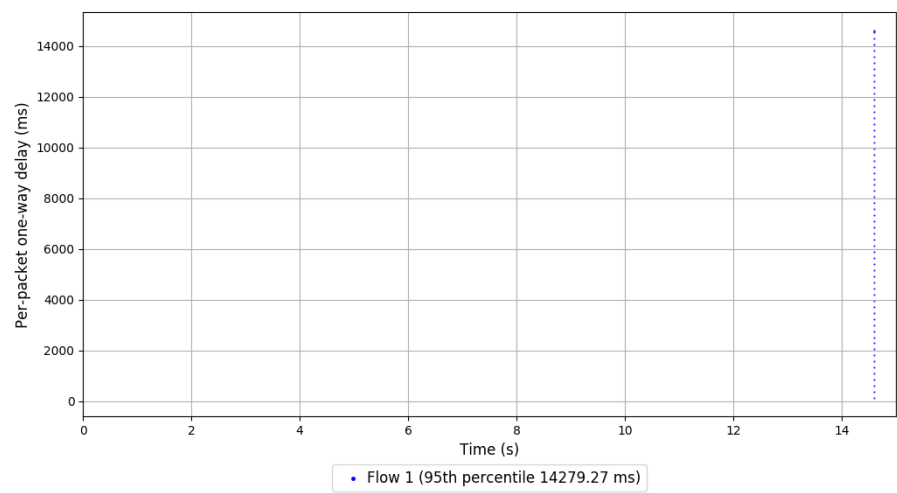
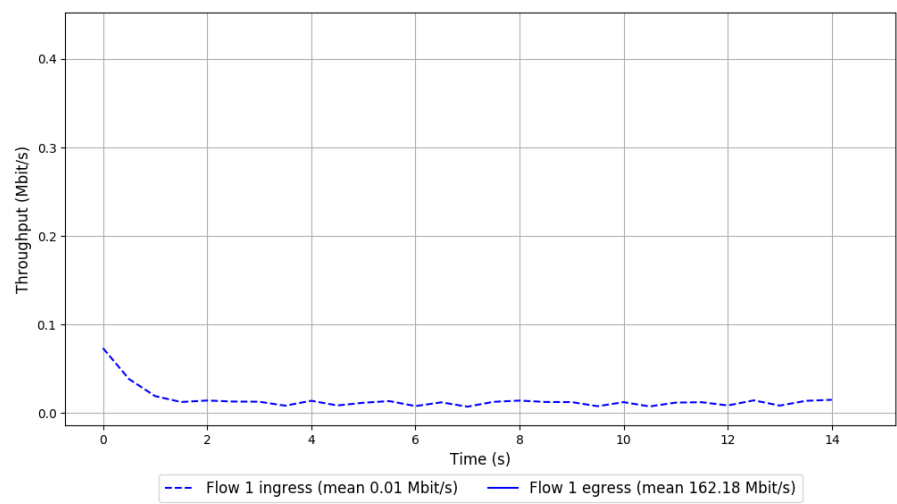
Start at: 2018-01-25 11:15:07

End at: 2018-01-25 11:15:37

Local clock offset: 0.182 ms

Remote clock offset: 0.638 ms

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-01-25 11:33:16

End at: 2018-01-25 11:33:46

Local clock offset: 0.288 ms

Remote clock offset: 0.73 ms

Below is generated by plot.py at 2018-01-25 12:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.652 ms

Loss rate: 0.00%

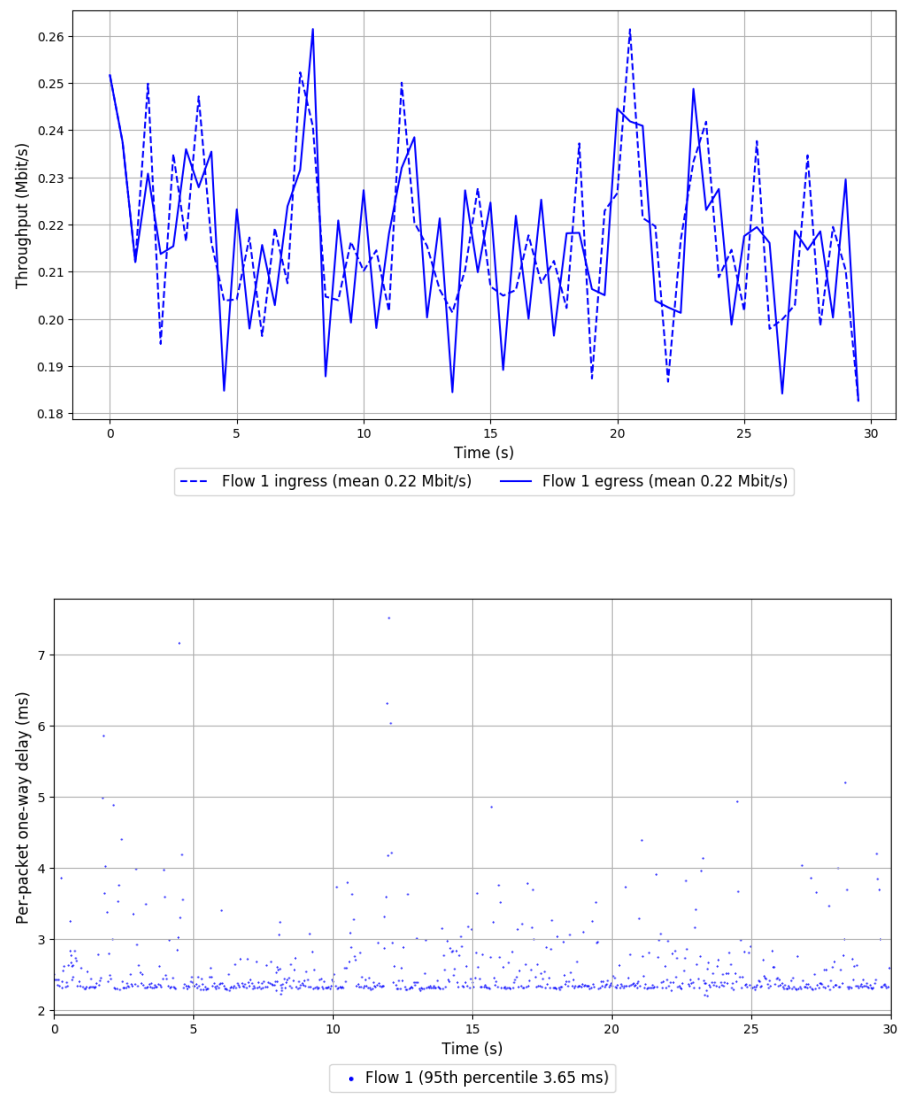
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.652 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

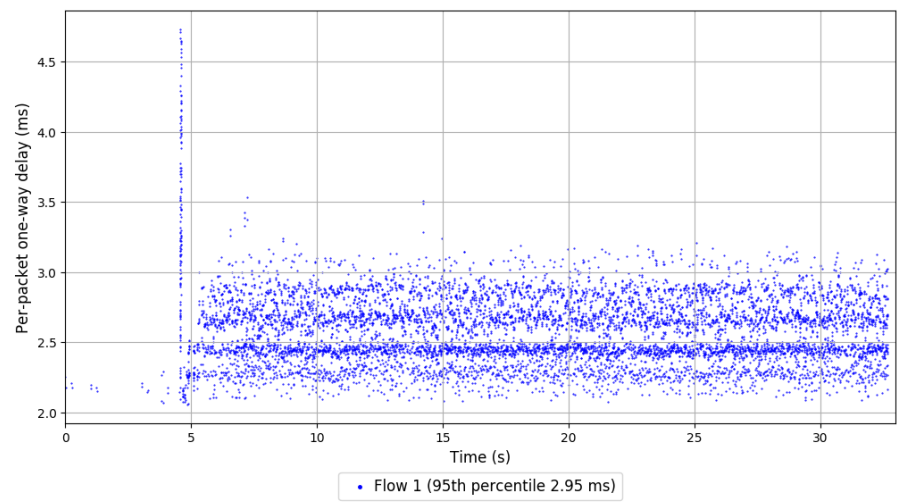
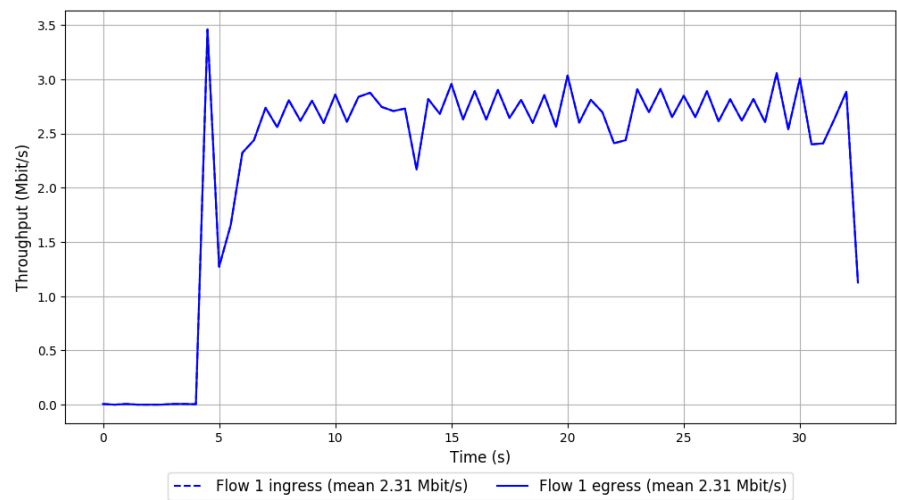


Run 1: Statistics of WebRTC media

Start at: 2018-01-25 08:45:13
End at: 2018-01-25 08:45:43
Local clock offset: 0.458 ms
Remote clock offset: -0.249 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.953 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.953 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

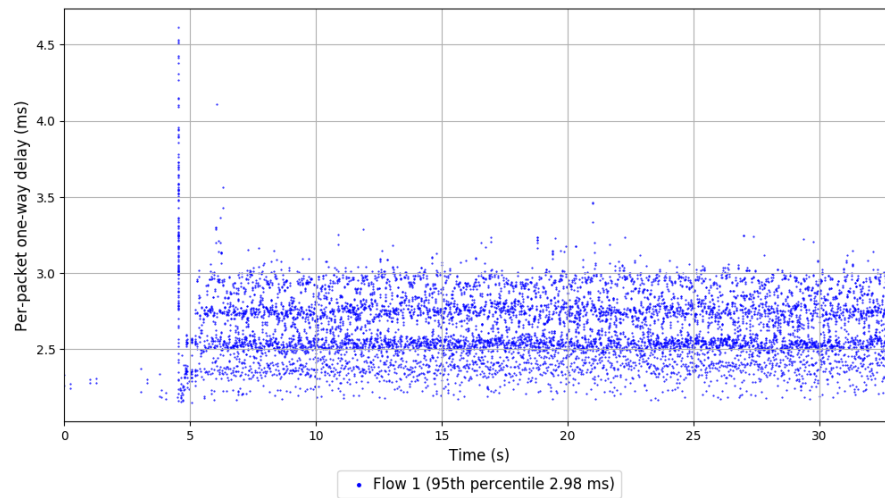
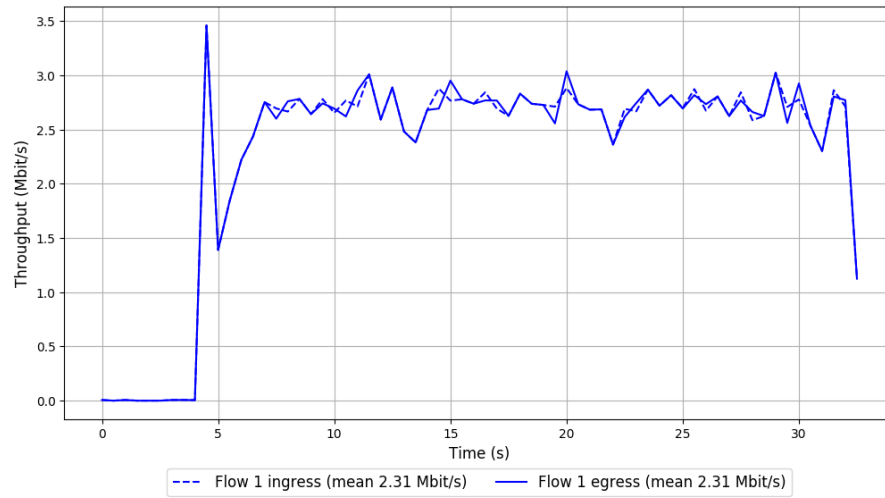


Run 2: Statistics of WebRTC media

Start at: 2018-01-25 09:03:23
End at: 2018-01-25 09:03:53
Local clock offset: 0.386 ms
Remote clock offset: -0.165 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.983 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.983 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

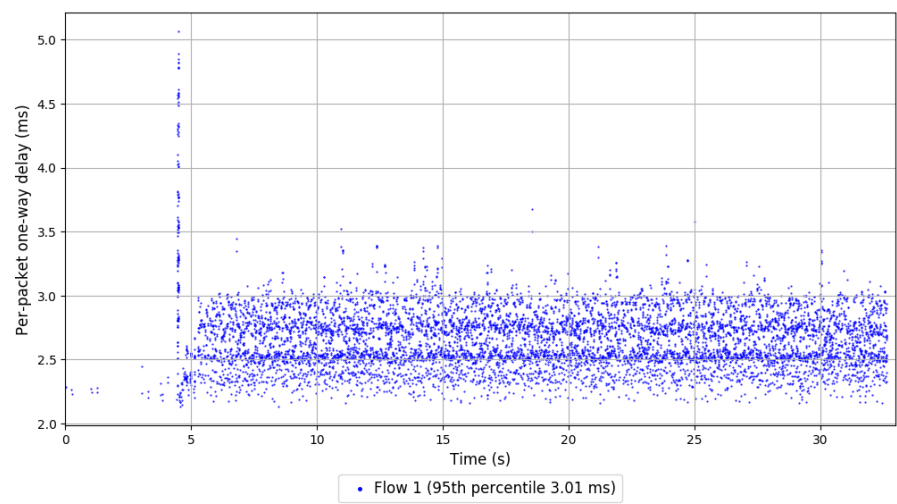
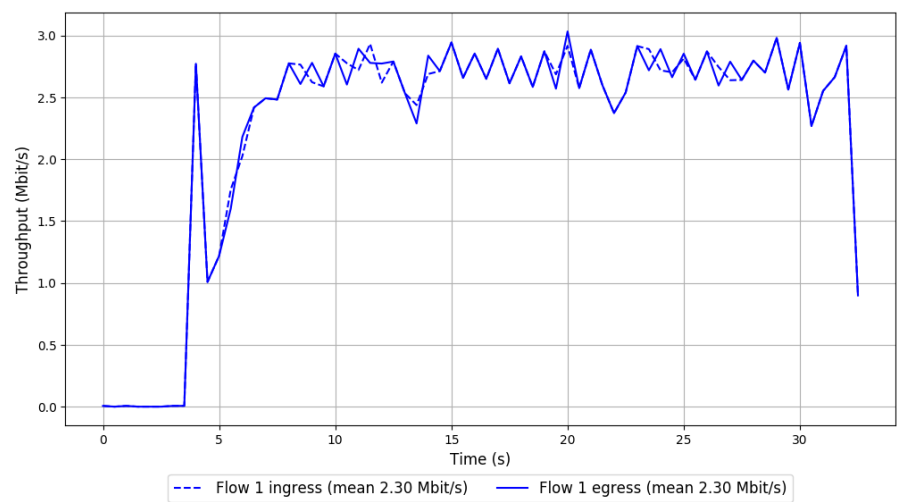


Run 3: Statistics of WebRTC media

Start at: 2018-01-25 09:21:34
End at: 2018-01-25 09:22:04
Local clock offset: 0.376 ms
Remote clock offset: -0.157 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 3.007 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 3.007 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

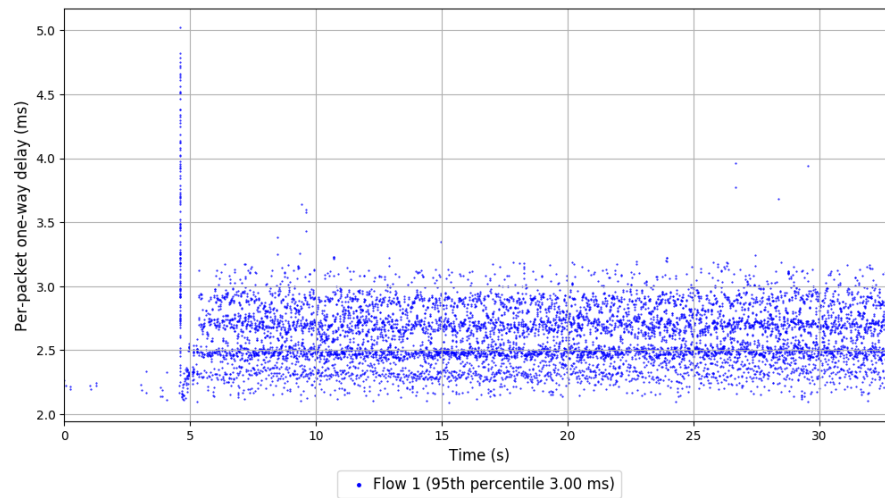
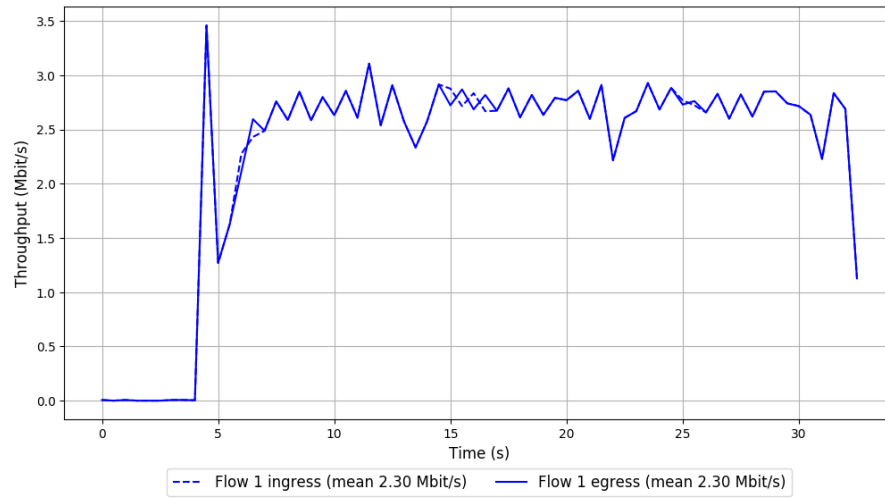


Run 4: Statistics of WebRTC media

Start at: 2018-01-25 09:39:44
End at: 2018-01-25 09:40:14
Local clock offset: 0.373 ms
Remote clock offset: -0.191 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 2.995 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 2.995 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-01-25 09:57:54

End at: 2018-01-25 09:58:24

Local clock offset: 0.297 ms

Remote clock offset: 0.034 ms

Below is generated by plot.py at 2018-01-25 12:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 2.884 ms

Loss rate: 0.00%

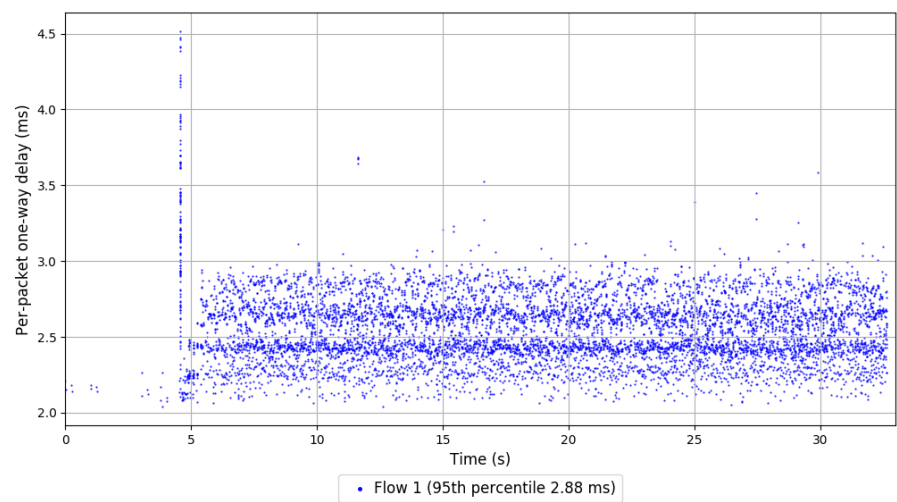
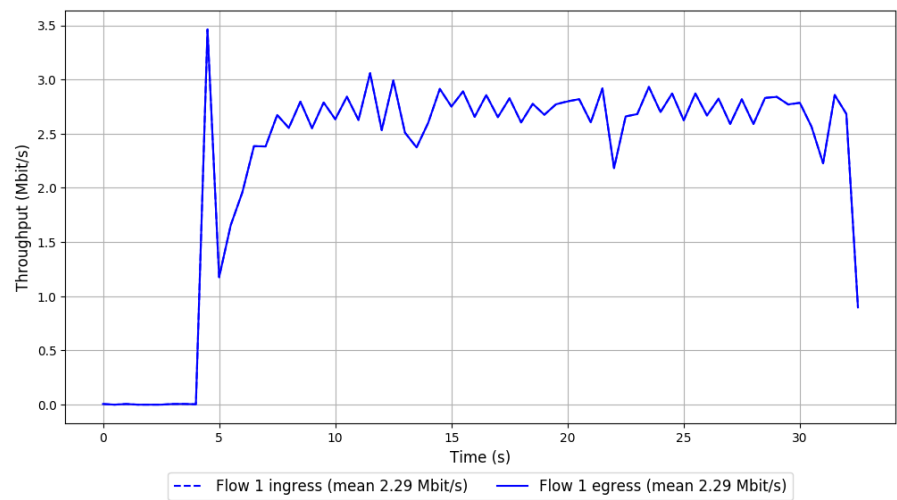
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 2.884 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-01-25 10:16:05

End at: 2018-01-25 10:16:35

Local clock offset: 0.165 ms

Remote clock offset: 0.305 ms

Below is generated by plot.py at 2018-01-25 12:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 3.036 ms

Loss rate: 0.00%

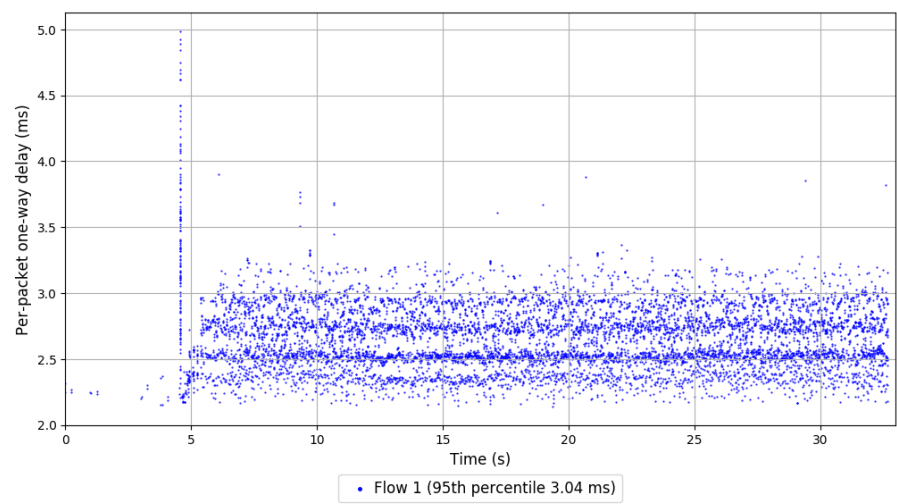
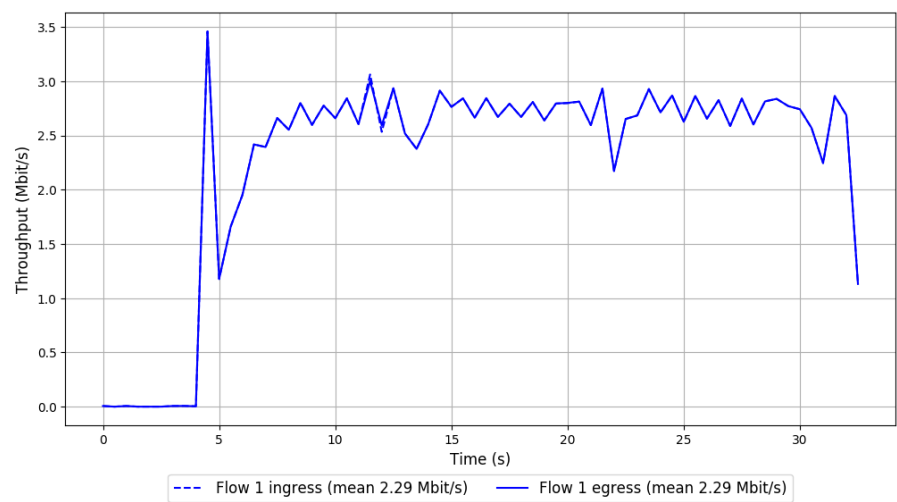
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 3.036 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-01-25 10:34:16

End at: 2018-01-25 10:34:46

Local clock offset: 0.193 ms

Remote clock offset: 0.41 ms

Below is generated by plot.py at 2018-01-25 12:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 2.960 ms

Loss rate: 0.00%

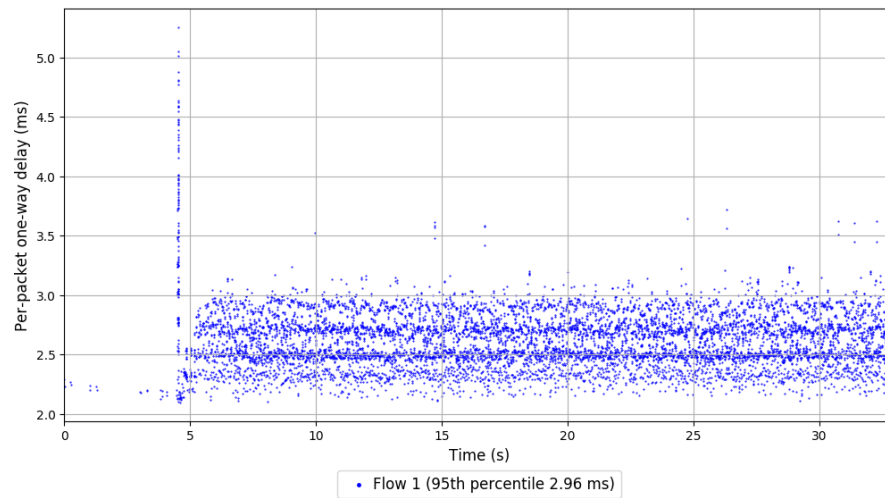
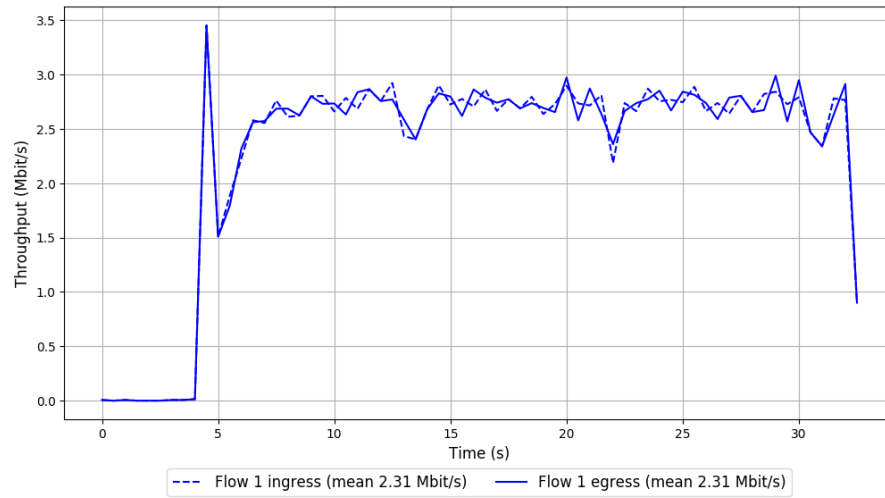
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 2.960 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-01-25 10:52:26

End at: 2018-01-25 10:52:56

Local clock offset: 0.178 ms

Remote clock offset: 0.523 ms

Below is generated by plot.py at 2018-01-25 12:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

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

Loss rate: 0.00%

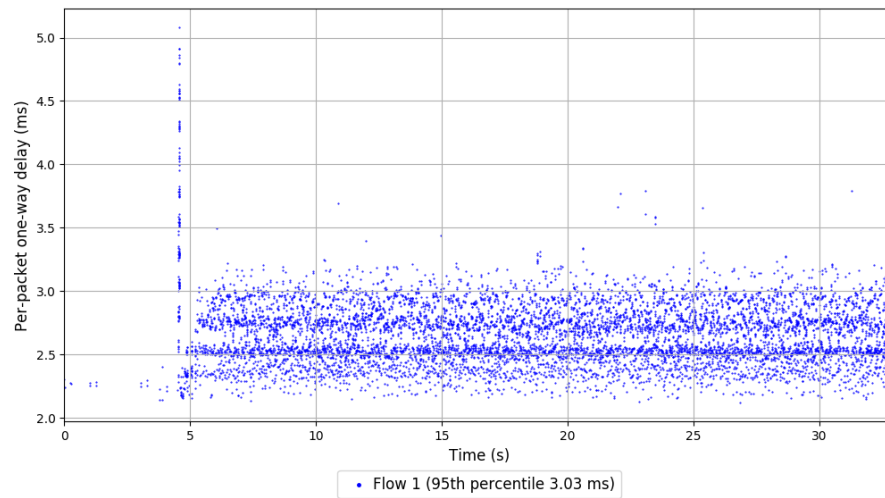
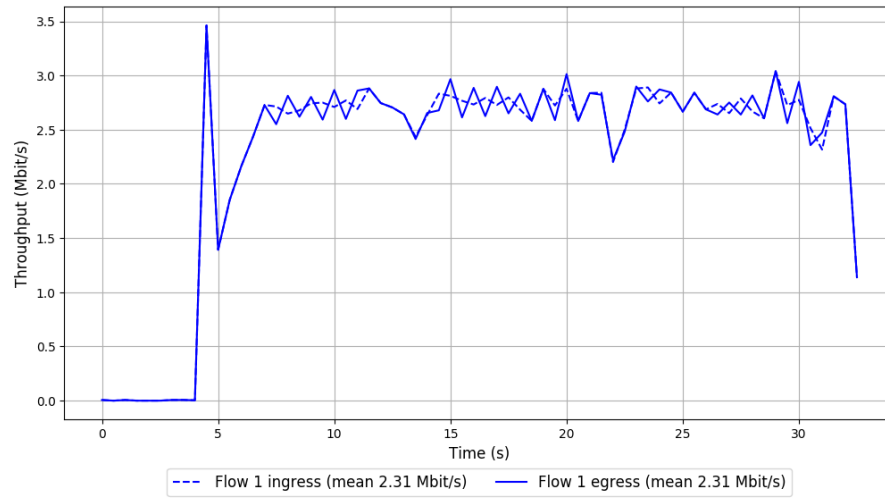
-- Flow 1:

Average throughput: 2.31 Mbit/s

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

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-01-25 11:10:36

End at: 2018-01-25 11:11:06

Local clock offset: 0.192 ms

Remote clock offset: 0.548 ms

Below is generated by plot.py at 2018-01-25 12:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.028 ms

Loss rate: 0.00%

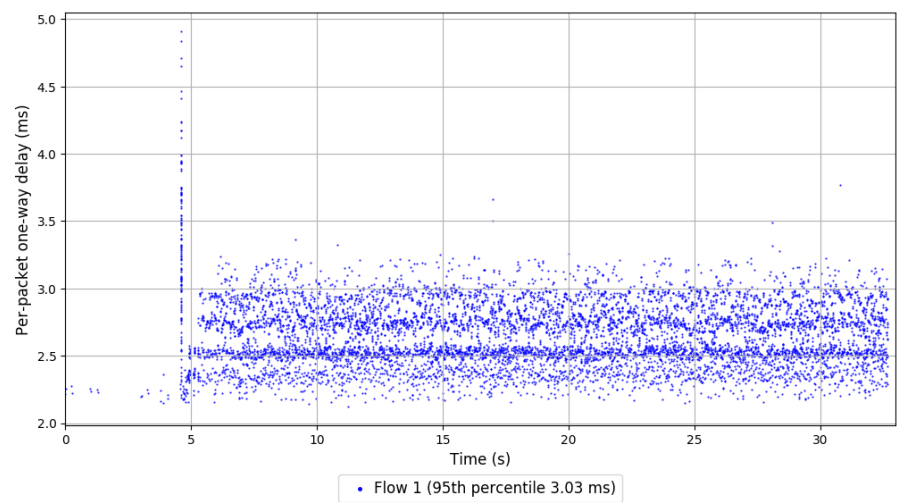
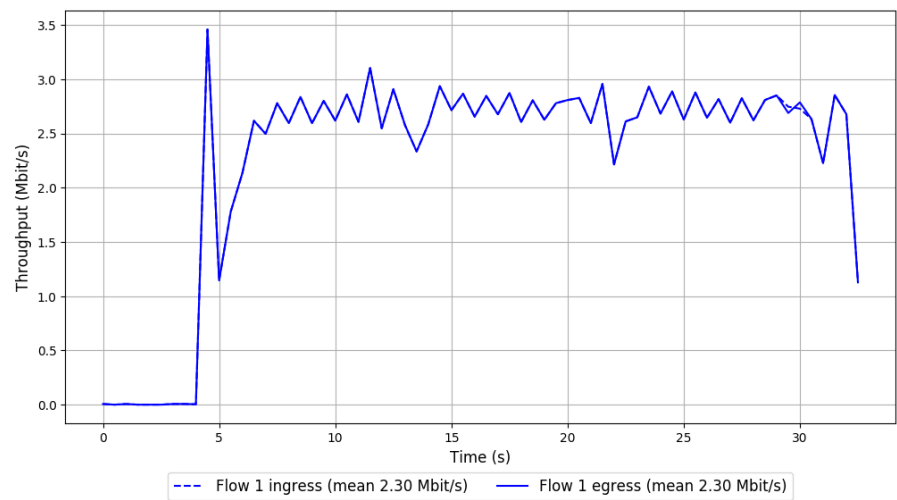
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.028 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-01-25 11:28:44

End at: 2018-01-25 11:29:14

Local clock offset: 0.19 ms

Remote clock offset: 0.717 ms

Below is generated by plot.py at 2018-01-25 12:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 4.102 ms

Loss rate: 0.00%

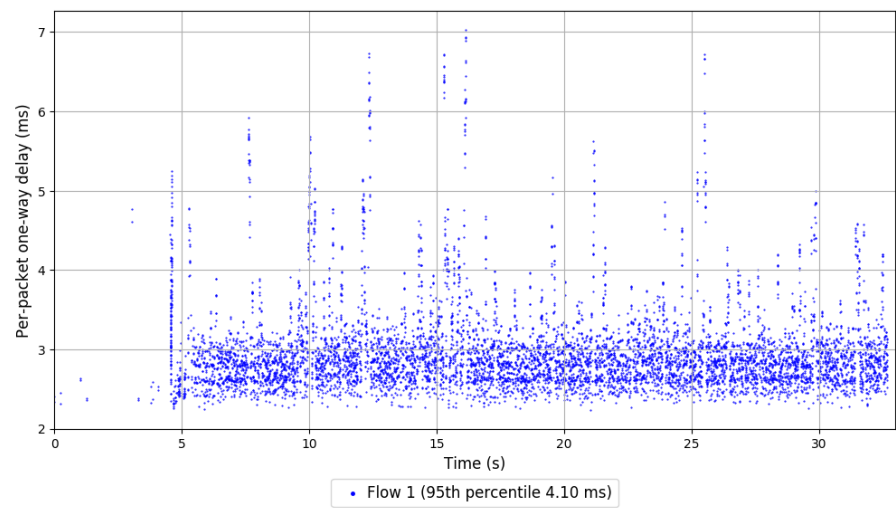
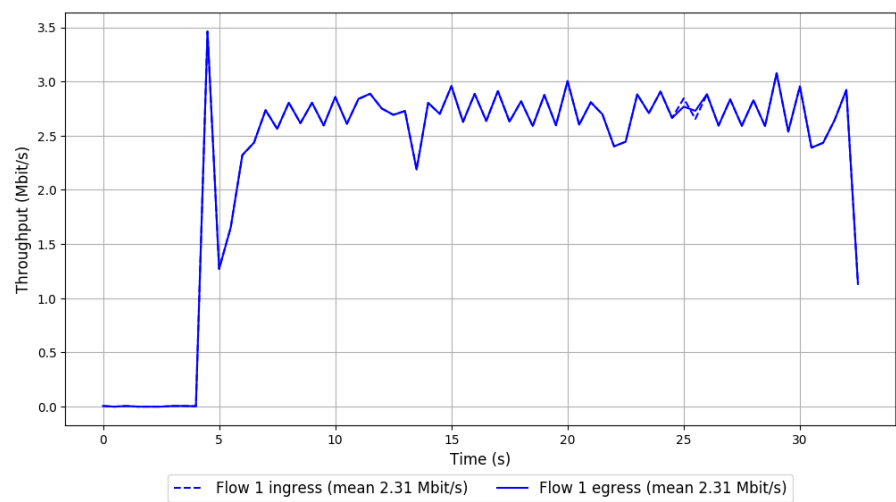
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 4.102 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

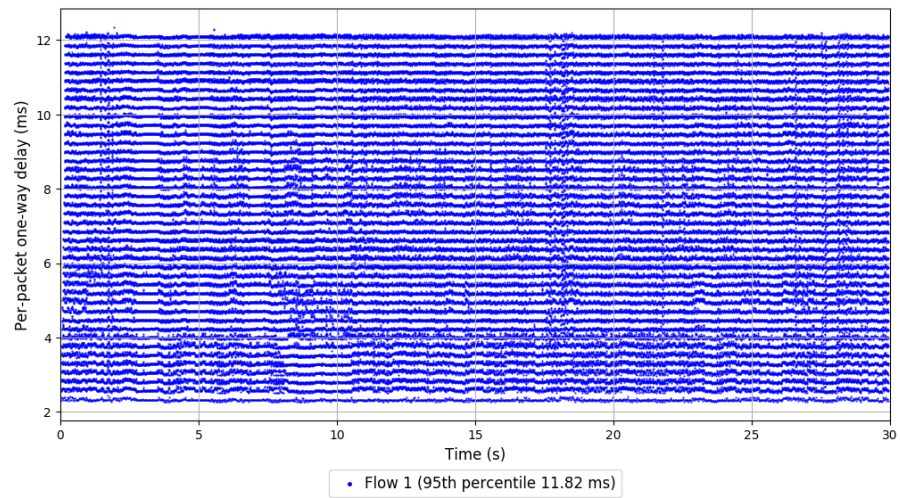
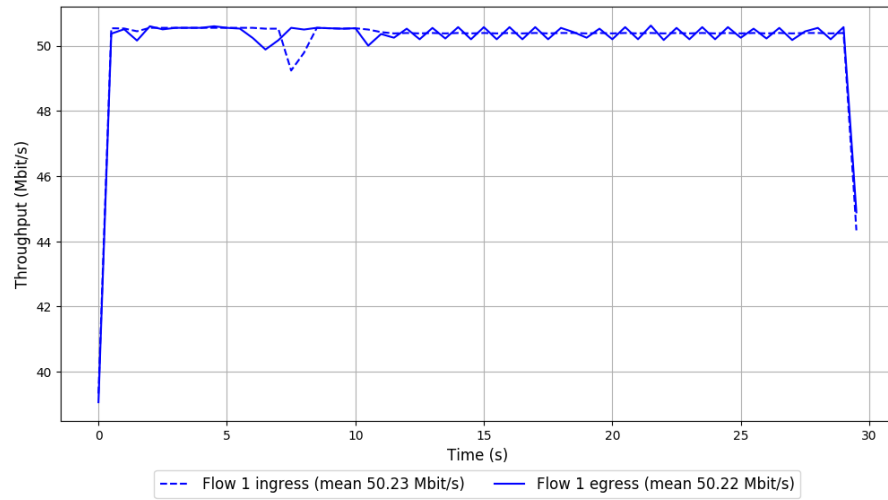


Run 1: Statistics of Sprout

Start at: 2018-01-25 08:54:12
End at: 2018-01-25 08:54:42
Local clock offset: 0.434 ms
Remote clock offset: -0.171 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 11.817 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 11.817 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

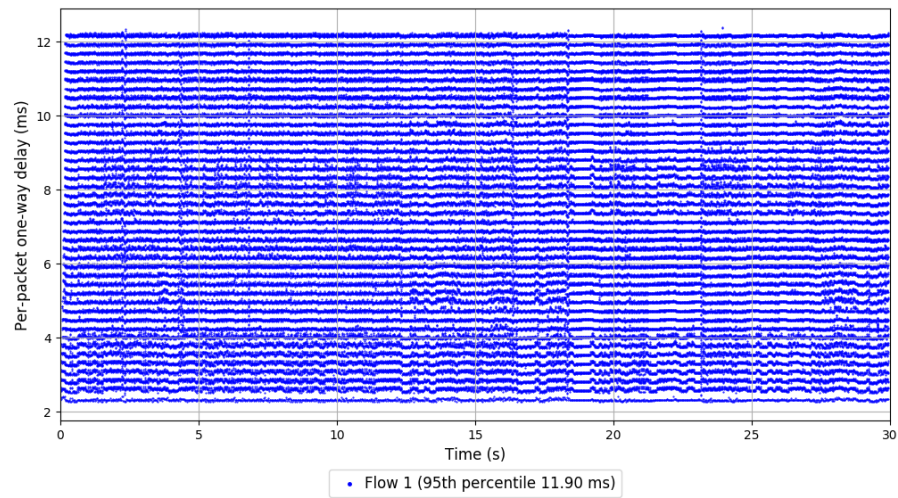
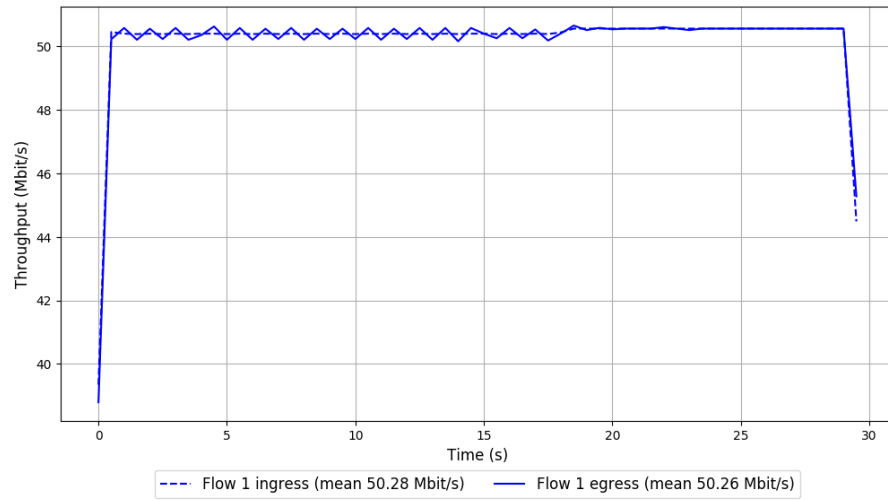


Run 2: Statistics of Sprout

Start at: 2018-01-25 09:12:23
End at: 2018-01-25 09:12:53
Local clock offset: 0.362 ms
Remote clock offset: -0.149 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 11.904 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 11.904 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

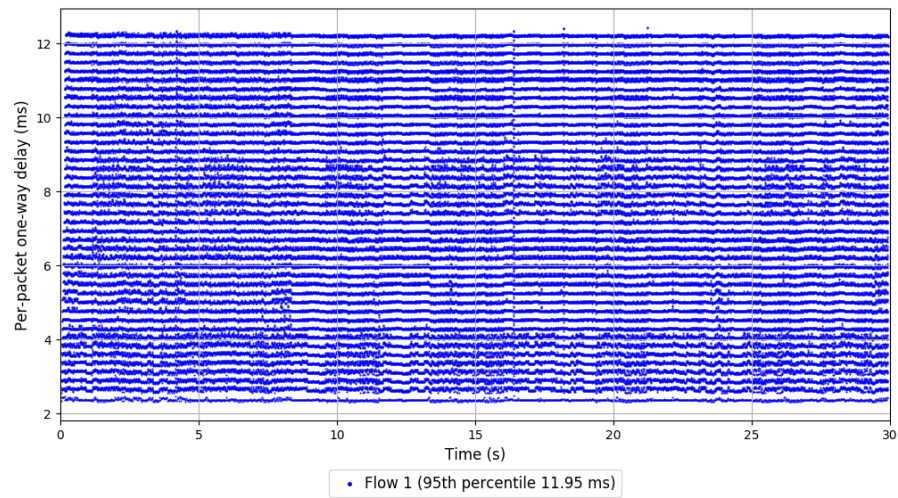
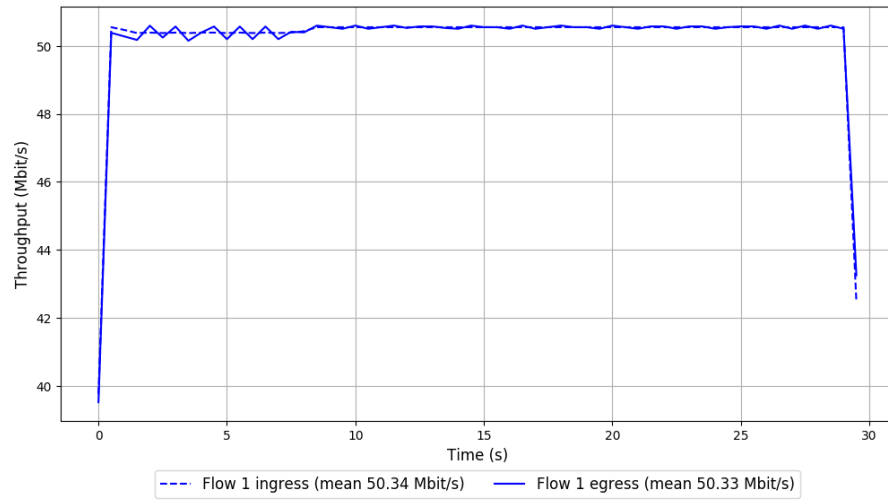


Run 3: Statistics of Sprout

Start at: 2018-01-25 09:30:33
End at: 2018-01-25 09:31:03
Local clock offset: 0.329 ms
Remote clock offset: -0.128 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.33 Mbit/s
95th percentile per-packet one-way delay: 11.953 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.33 Mbit/s
95th percentile per-packet one-way delay: 11.953 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

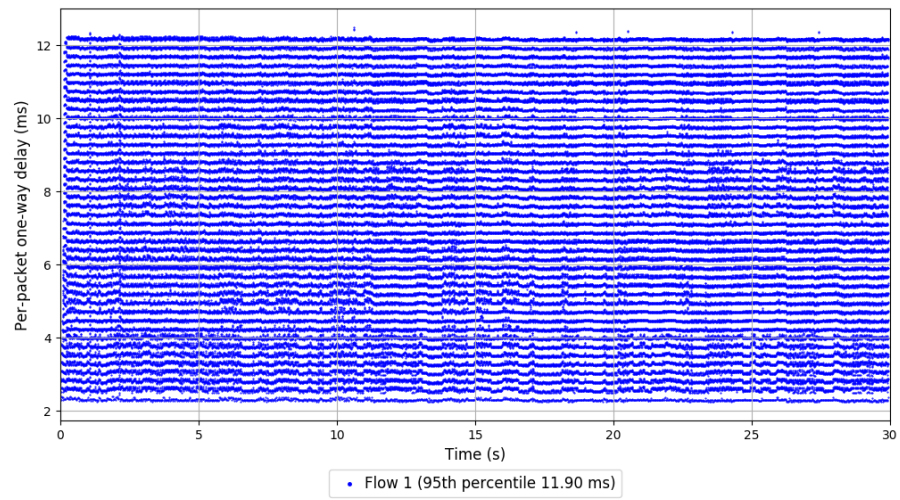
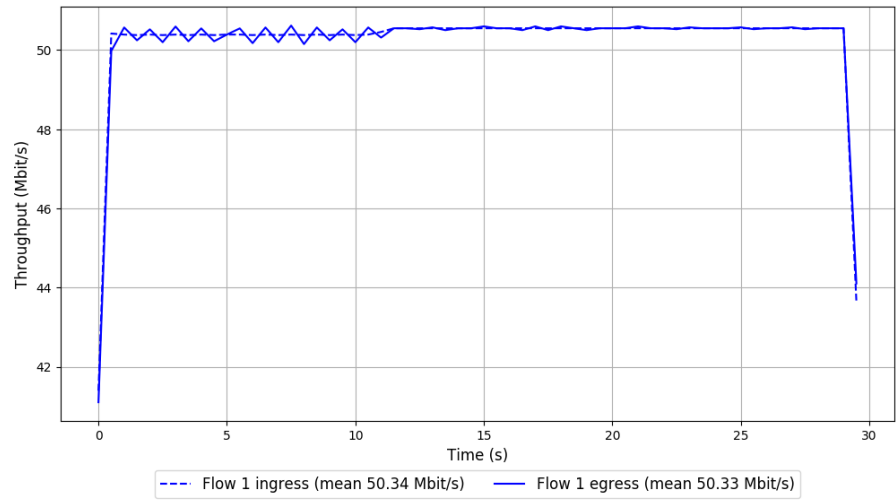


Run 4: Statistics of Sprout

Start at: 2018-01-25 09:48:43
End at: 2018-01-25 09:49:13
Local clock offset: 0.36 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-01-25 12:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.33 Mbit/s
95th percentile per-packet one-way delay: 11.898 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.33 Mbit/s
95th percentile per-packet one-way delay: 11.898 ms
Loss rate: 0.01%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-01-25 10:06:53

End at: 2018-01-25 10:07:23

Local clock offset: 0.174 ms

Remote clock offset: 0.213 ms

Below is generated by plot.py at 2018-01-25 12:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.30 Mbit/s

95th percentile per-packet one-way delay: 11.903 ms

Loss rate: 0.00%

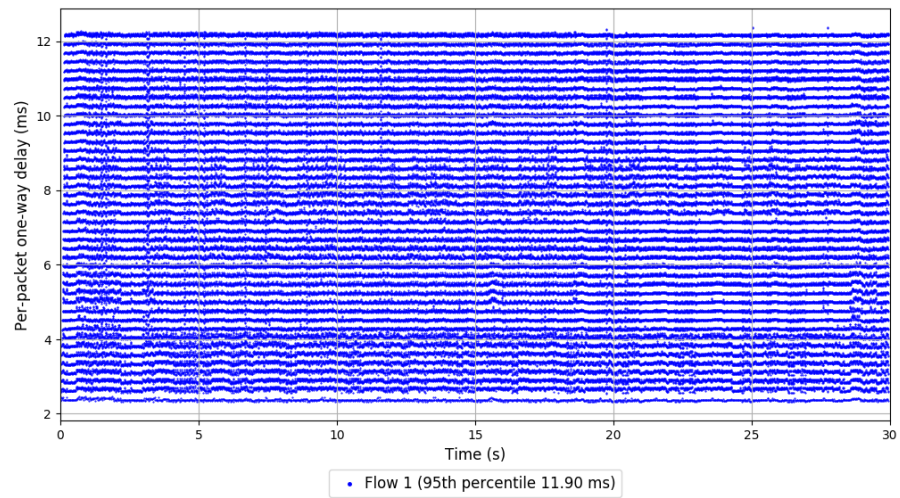
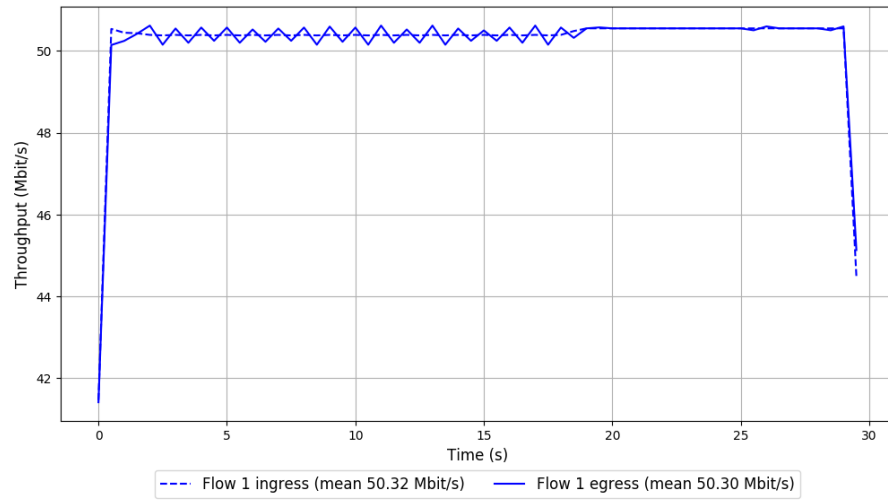
-- Flow 1:

Average throughput: 50.30 Mbit/s

95th percentile per-packet one-way delay: 11.903 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-01-25 10:25:04

End at: 2018-01-25 10:25:34

Local clock offset: 0.099 ms

Remote clock offset: 0.341 ms

Below is generated by plot.py at 2018-01-25 12:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.36 Mbit/s

95th percentile per-packet one-way delay: 11.927 ms

Loss rate: 0.00%

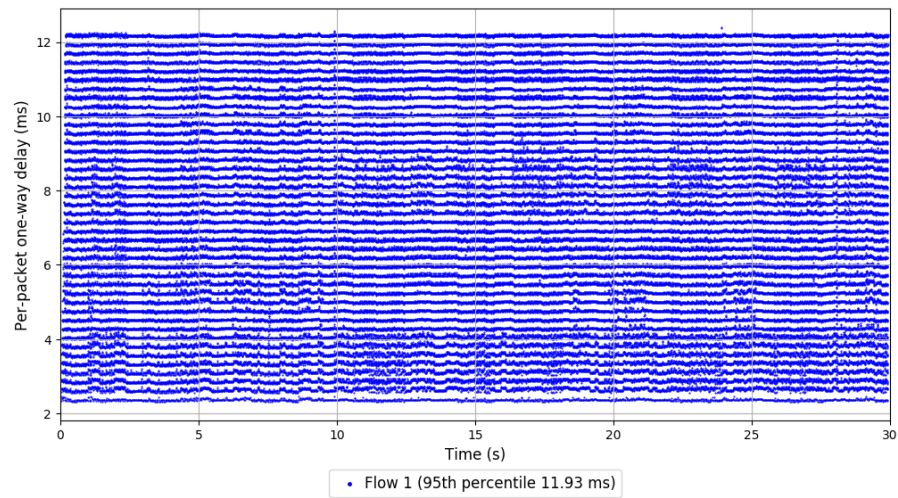
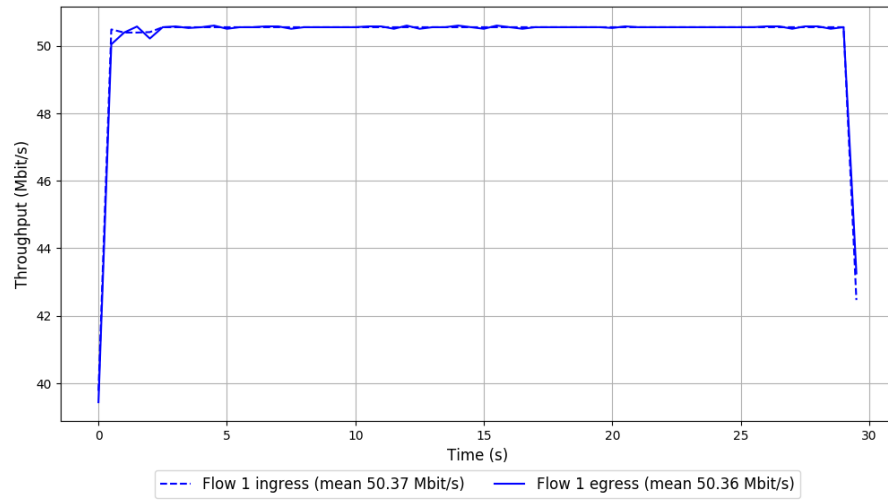
-- Flow 1:

Average throughput: 50.36 Mbit/s

95th percentile per-packet one-way delay: 11.927 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-01-25 10:43:15

End at: 2018-01-25 10:43:45

Local clock offset: 0.195 ms

Remote clock offset: 0.392 ms

Below is generated by plot.py at 2018-01-25 12:20:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.36 Mbit/s

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

Loss rate: 0.00%

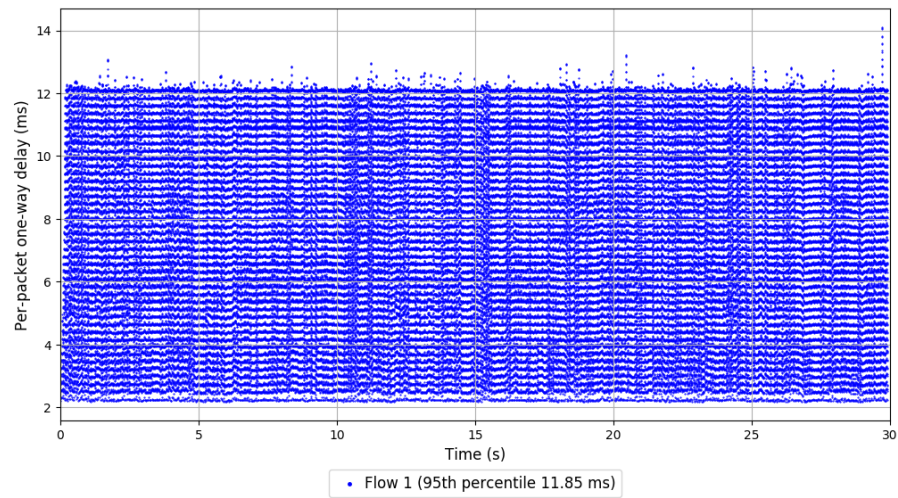
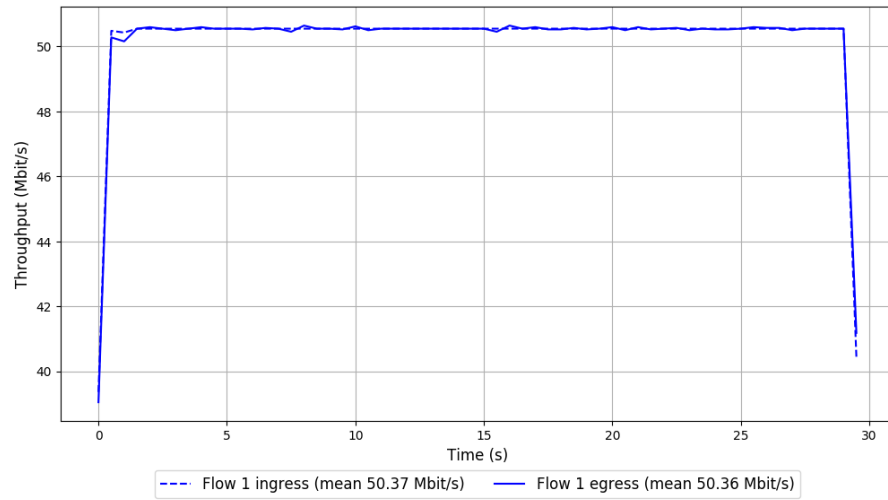
-- Flow 1:

Average throughput: 50.36 Mbit/s

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

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-01-25 11:01:25

End at: 2018-01-25 11:01:55

Local clock offset: 0.153 ms

Remote clock offset: 0.625 ms

Below is generated by plot.py at 2018-01-25 12:21:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.26 Mbit/s

95th percentile per-packet one-way delay: 12.015 ms

Loss rate: 0.00%

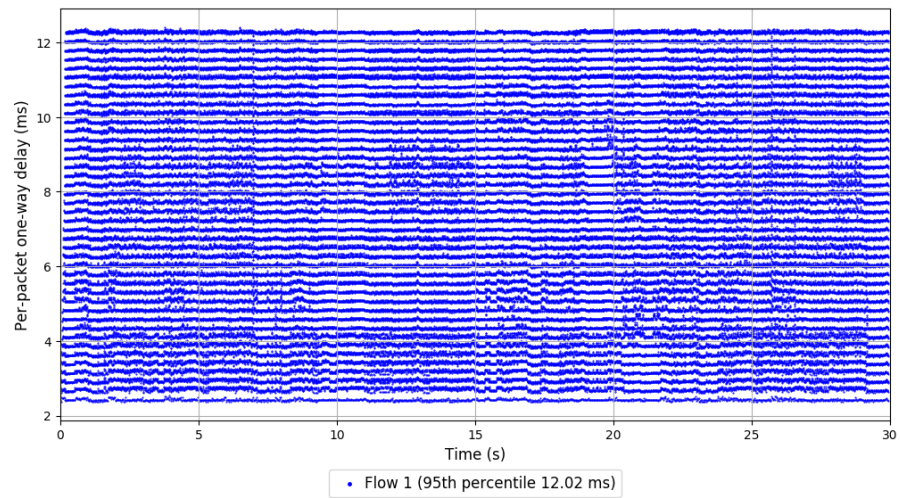
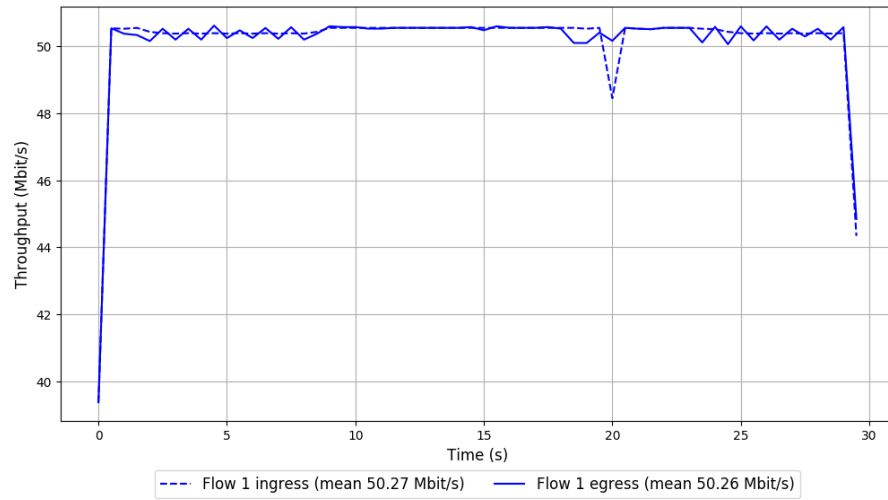
-- Flow 1:

Average throughput: 50.26 Mbit/s

95th percentile per-packet one-way delay: 12.015 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-01-25 11:19:35

End at: 2018-01-25 11:20:05

Local clock offset: 0.255 ms

Remote clock offset: 0.662 ms

Below is generated by plot.py at 2018-01-25 12:21:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.29 Mbit/s

95th percentile per-packet one-way delay: 11.916 ms

Loss rate: 0.00%

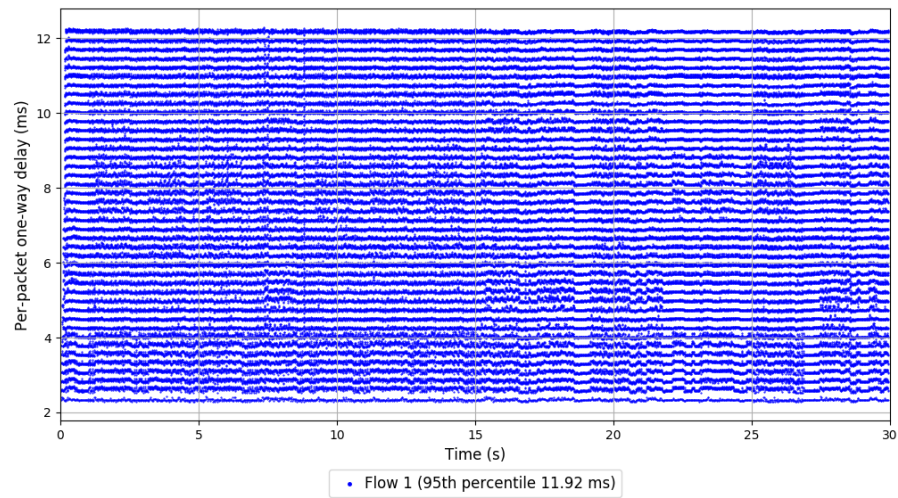
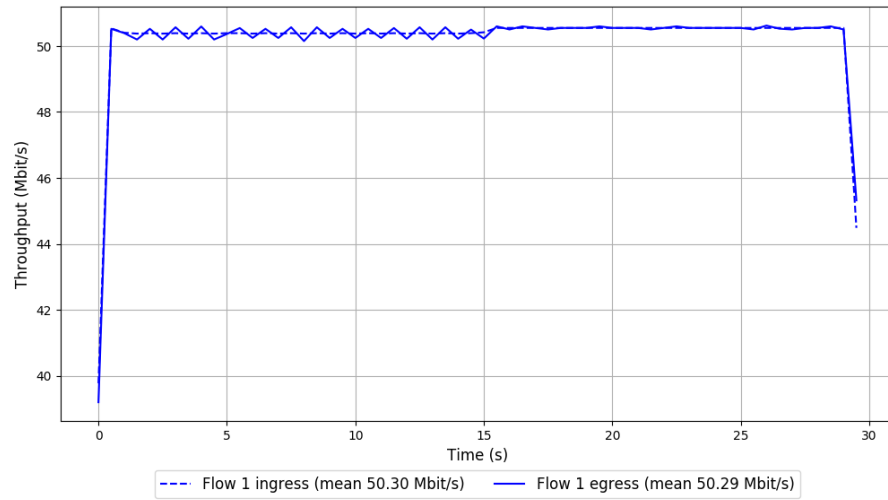
-- Flow 1:

Average throughput: 50.29 Mbit/s

95th percentile per-packet one-way delay: 11.916 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-01-25 11:37:43

End at: 2018-01-25 11:38:13

Local clock offset: 0.299 ms

Remote clock offset: -7.441 ms

Below is generated by plot.py at 2018-01-25 12:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.40 Mbit/s

95th percentile per-packet one-way delay: 3.717 ms

Loss rate: 0.00%

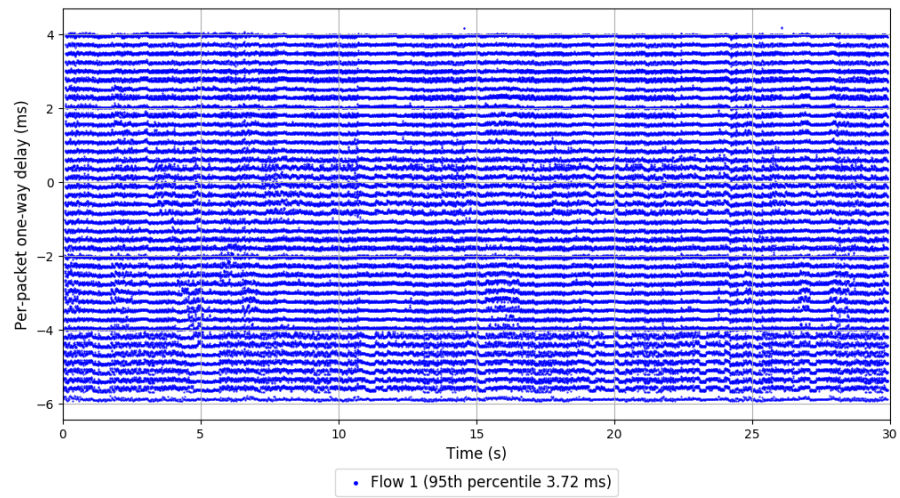
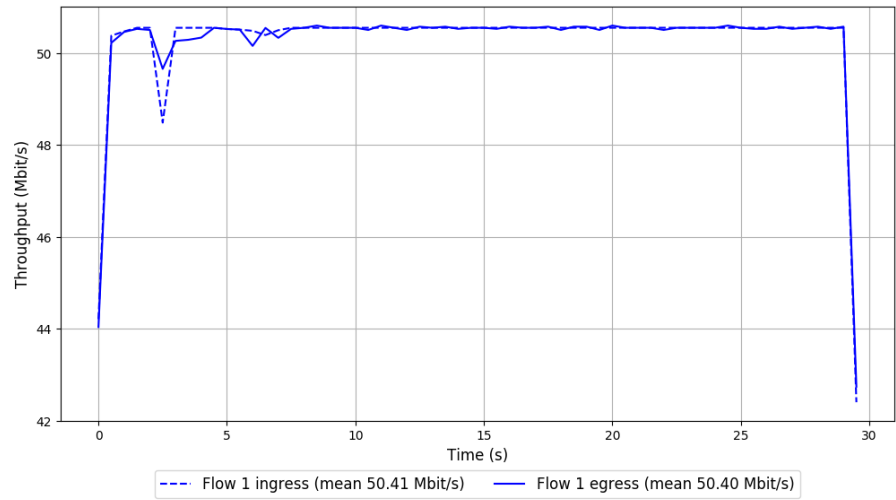
-- Flow 1:

Average throughput: 50.40 Mbit/s

95th percentile per-packet one-way delay: 3.717 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-01-25 08:42:54

End at: 2018-01-25 08:43:24

Local clock offset: 0.461 ms

Remote clock offset: -0.192 ms

Below is generated by plot.py at 2018-01-25 12:22:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.58 Mbit/s

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

Loss rate: 0.00%

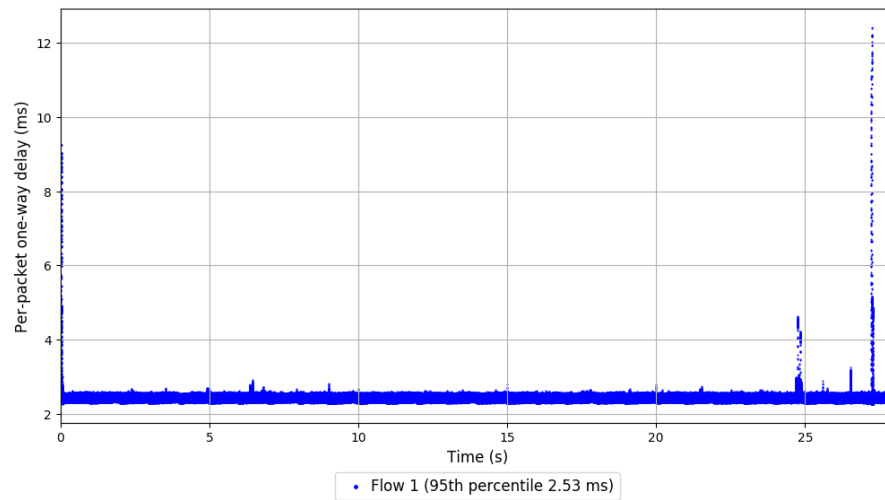
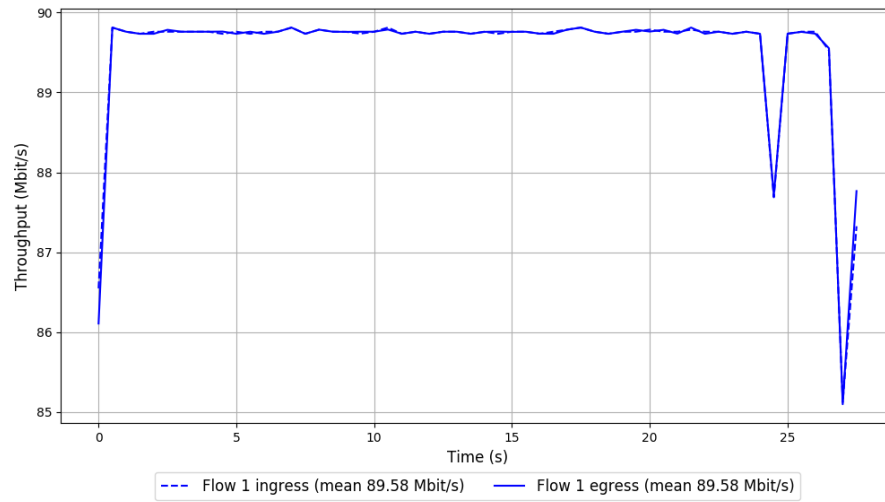
-- Flow 1:

Average throughput: 89.58 Mbit/s

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

Loss rate: 0.00%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-01-25 09:01:04

End at: 2018-01-25 09:01:34

Local clock offset: 0.384 ms

Remote clock offset: -0.176 ms

Below is generated by plot.py at 2018-01-25 12:22:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.68 Mbit/s

95th percentile per-packet one-way delay: 2.556 ms

Loss rate: 0.00%

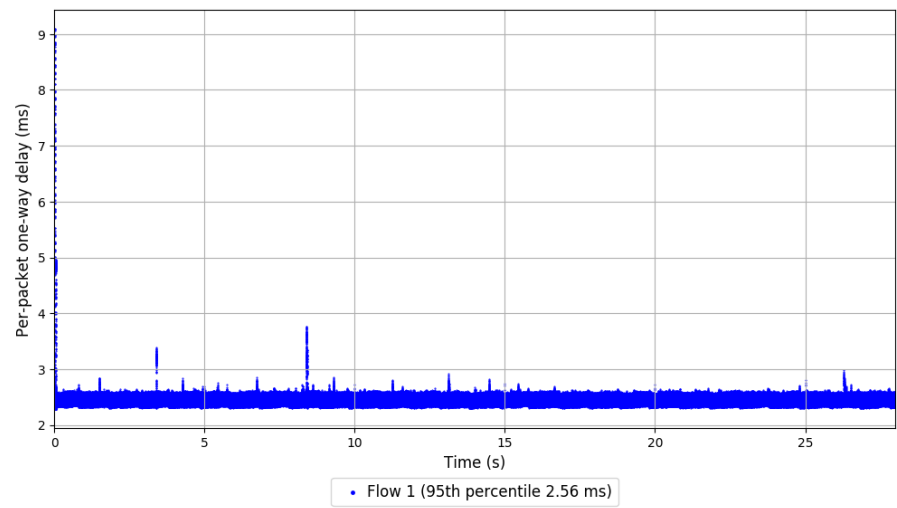
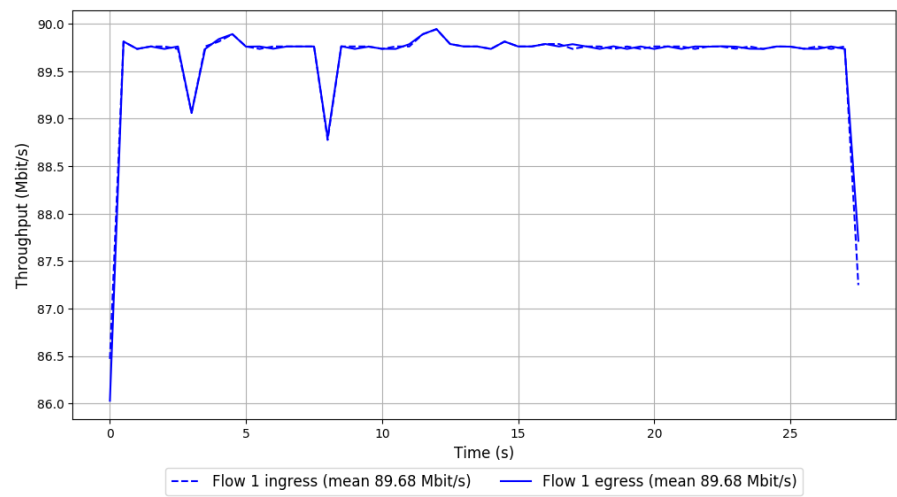
-- Flow 1:

Average throughput: 89.68 Mbit/s

95th percentile per-packet one-way delay: 2.556 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-01-25 09:19:15

End at: 2018-01-25 09:19:45

Local clock offset: 0.384 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2018-01-25 12:22:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.82 Mbit/s

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

Loss rate: 0.00%

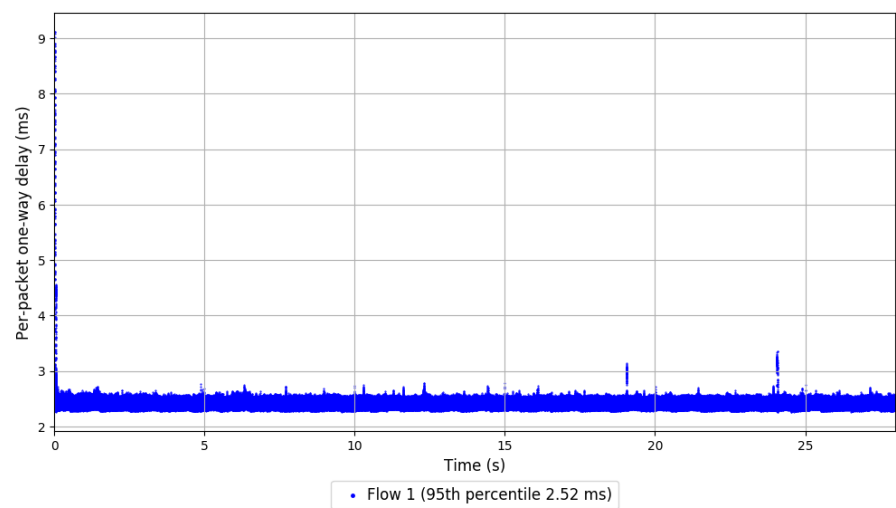
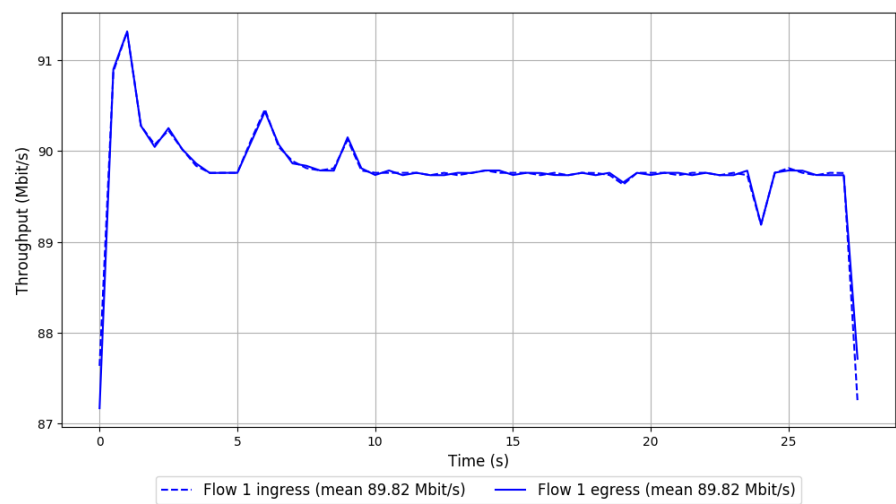
-- Flow 1:

Average throughput: 89.82 Mbit/s

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

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-01-25 09:37:25

End at: 2018-01-25 09:37:55

Local clock offset: 0.38 ms

Remote clock offset: -0.141 ms

Below is generated by plot.py at 2018-01-25 12:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.73 Mbit/s

95th percentile per-packet one-way delay: 2.543 ms

Loss rate: 0.00%

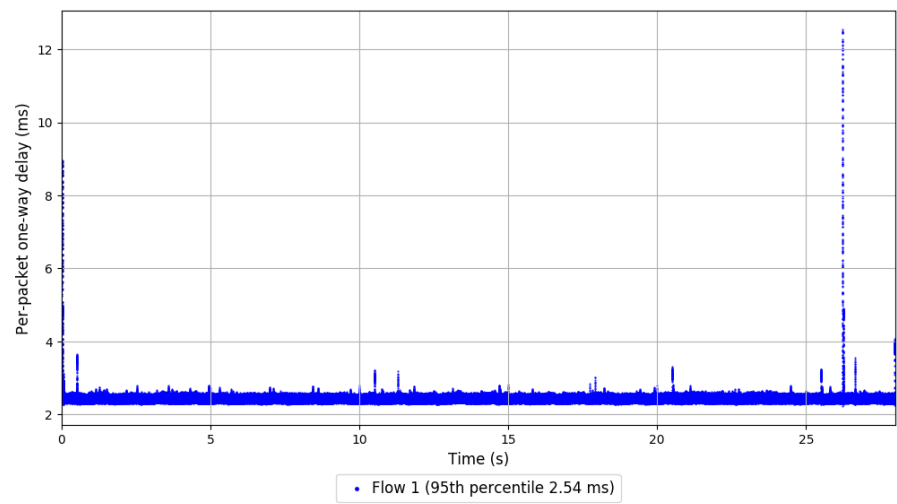
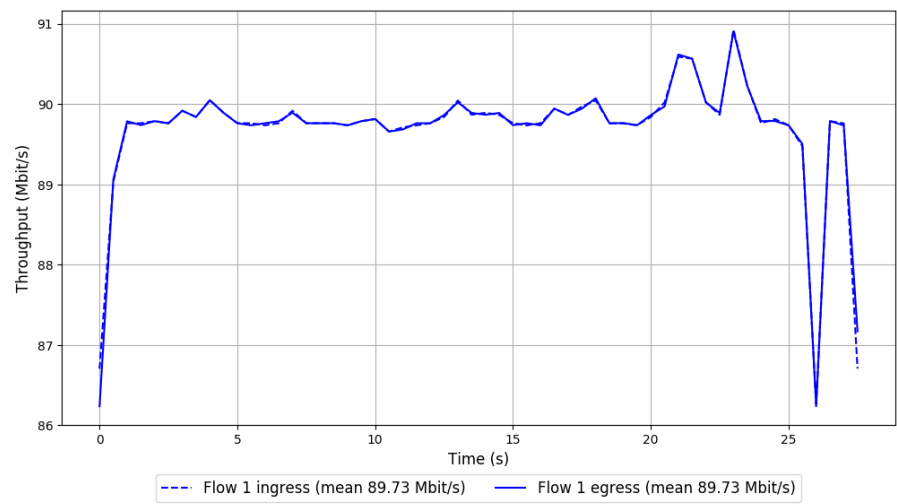
-- Flow 1:

Average throughput: 89.73 Mbit/s

95th percentile per-packet one-way delay: 2.543 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-01-25 09:55:35

End at: 2018-01-25 09:56:05

Local clock offset: 0.324 ms

Remote clock offset: 0.095 ms

Below is generated by plot.py at 2018-01-25 12:23:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.73 Mbit/s

95th percentile per-packet one-way delay: 2.528 ms

Loss rate: 0.00%

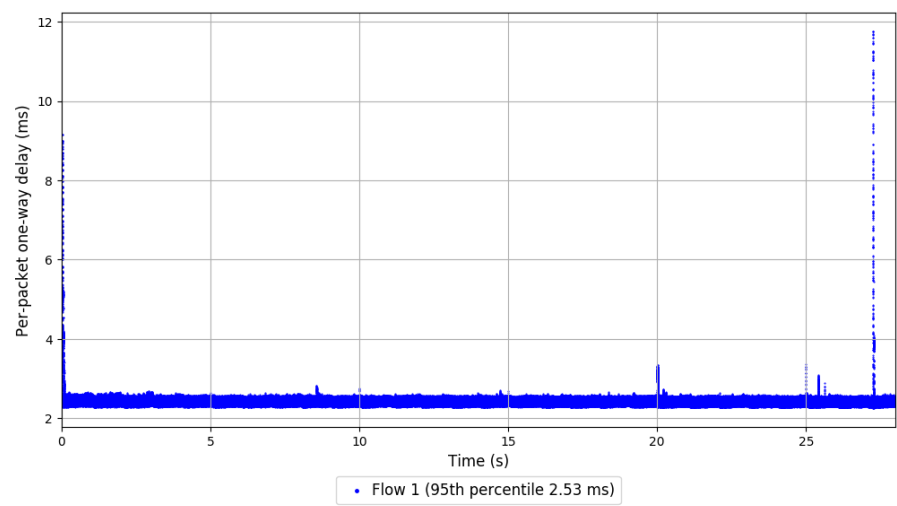
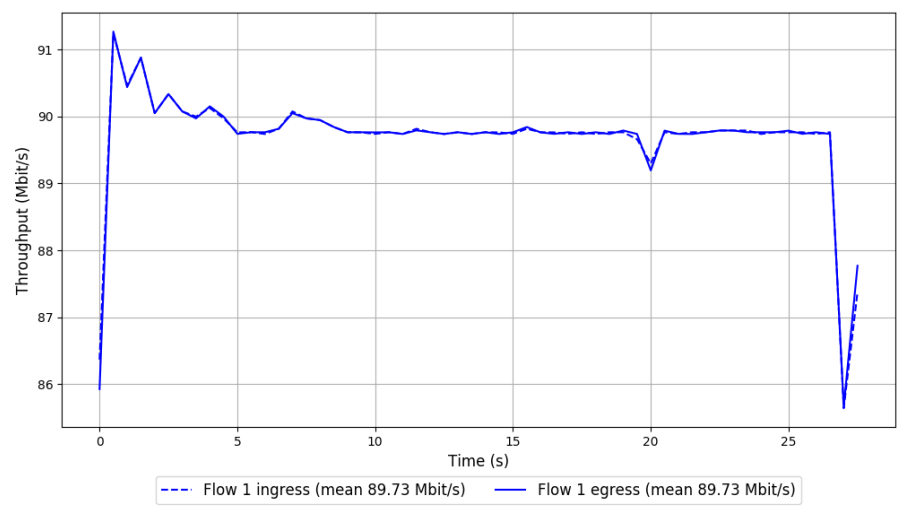
-- Flow 1:

Average throughput: 89.73 Mbit/s

95th percentile per-packet one-way delay: 2.528 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-01-25 10:13:46

End at: 2018-01-25 10:14:16

Local clock offset: 0.11 ms

Remote clock offset: 0.28 ms

Below is generated by plot.py at 2018-01-25 12:23:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.71 Mbit/s

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

Loss rate: 0.00%

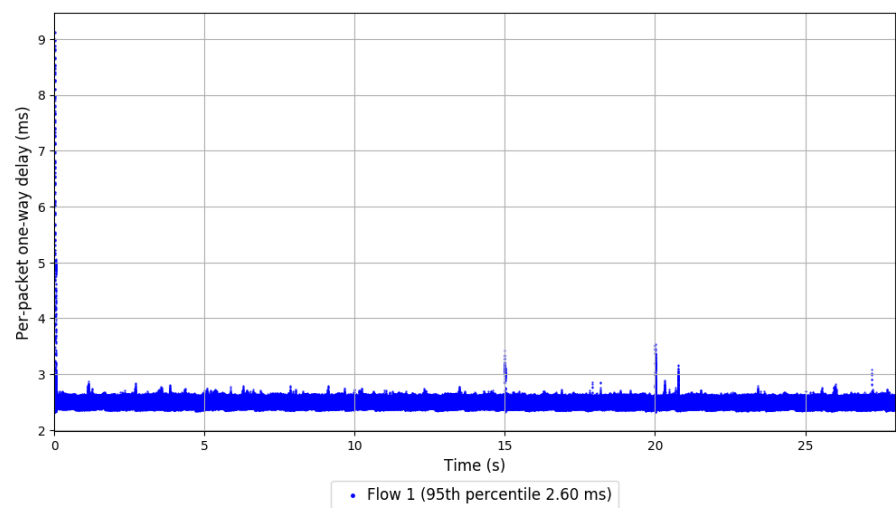
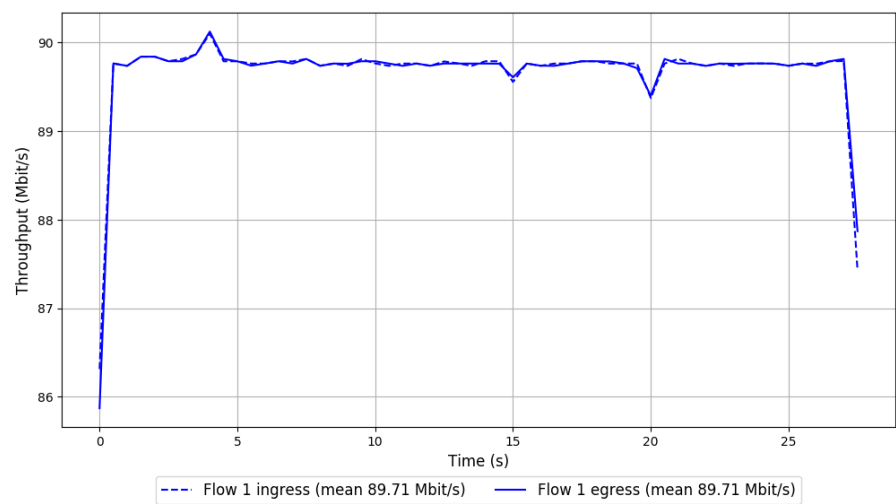
-- Flow 1:

Average throughput: 89.71 Mbit/s

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

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-01-25 10:31:57

End at: 2018-01-25 10:32:27

Local clock offset: 0.164 ms

Remote clock offset: 0.396 ms

Below is generated by plot.py at 2018-01-25 12:23:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.86 Mbit/s

95th percentile per-packet one-way delay: 2.553 ms

Loss rate: 0.00%

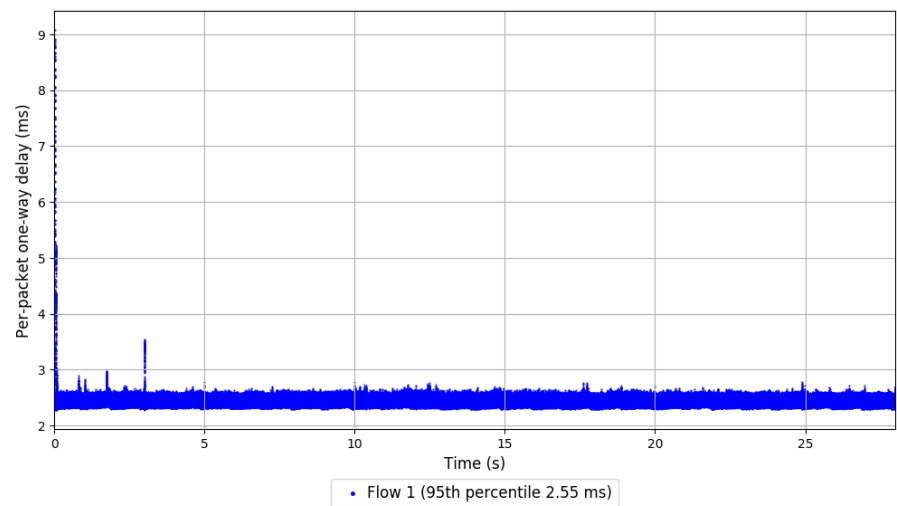
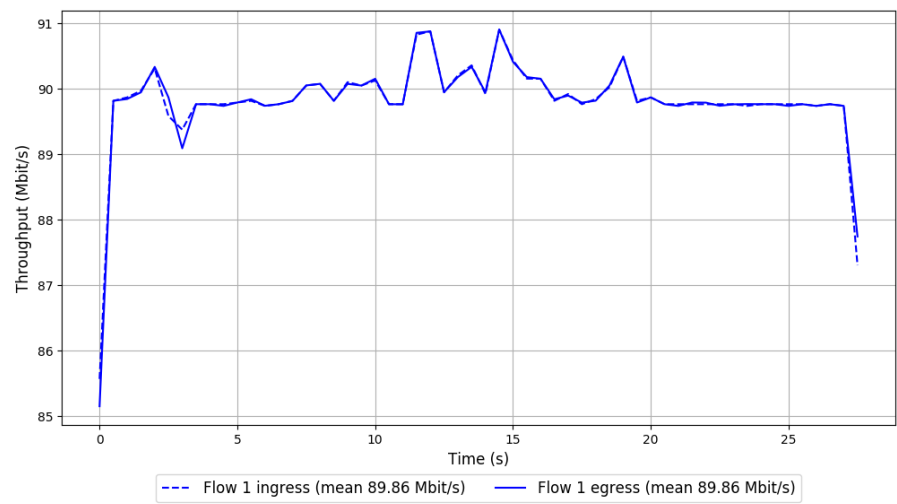
-- Flow 1:

Average throughput: 89.86 Mbit/s

95th percentile per-packet one-way delay: 2.553 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-01-25 10:50:07

End at: 2018-01-25 10:50:37

Local clock offset: 0.186 ms

Remote clock offset: 0.519 ms

Below is generated by plot.py at 2018-01-25 12:23:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.50 Mbit/s

95th percentile per-packet one-way delay: 2.558 ms

Loss rate: 0.00%

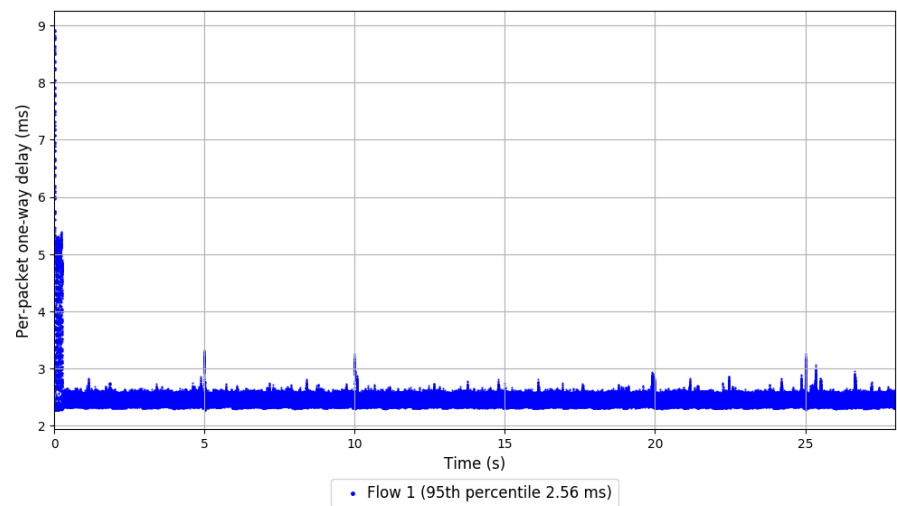
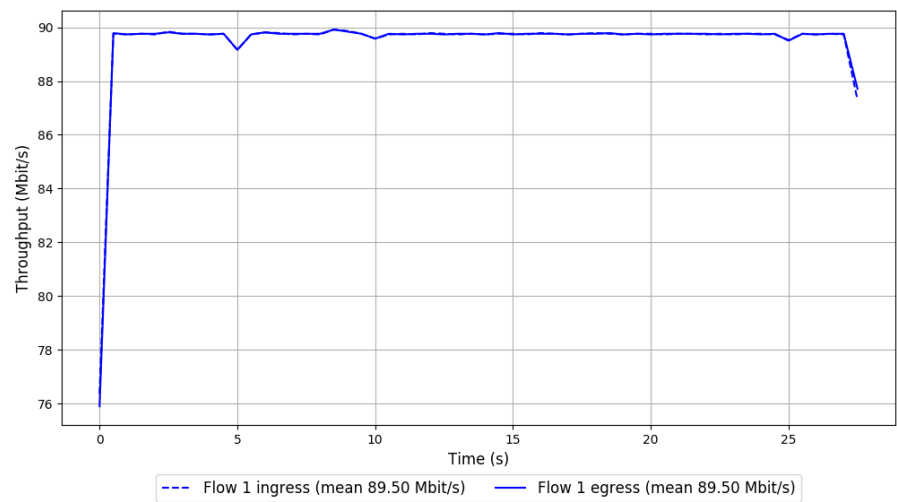
-- Flow 1:

Average throughput: 89.50 Mbit/s

95th percentile per-packet one-way delay: 2.558 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-01-25 11:08:17

End at: 2018-01-25 11:08:47

Local clock offset: 0.263 ms

Remote clock offset: 0.596 ms

Below is generated by plot.py at 2018-01-25 12:24:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.66 Mbit/s

95th percentile per-packet one-way delay: 2.520 ms

Loss rate: 0.00%

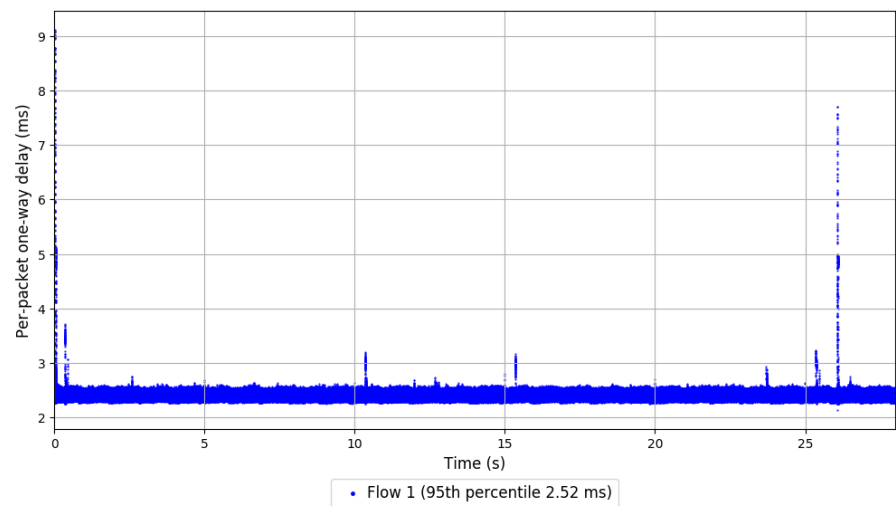
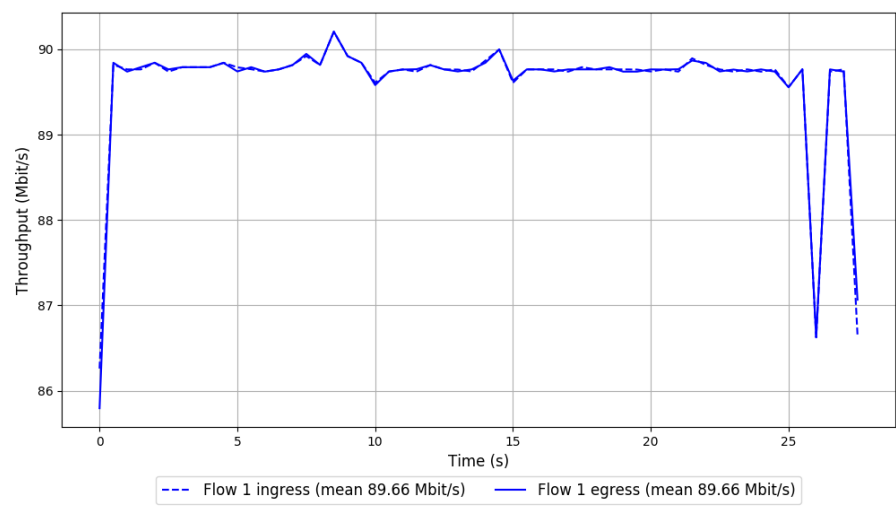
-- Flow 1:

Average throughput: 89.66 Mbit/s

95th percentile per-packet one-way delay: 2.520 ms

Loss rate: 0.00%

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

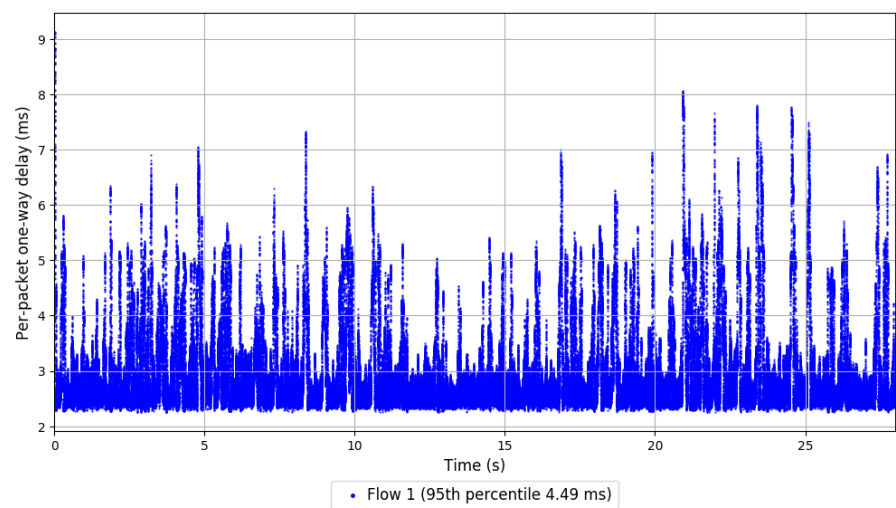
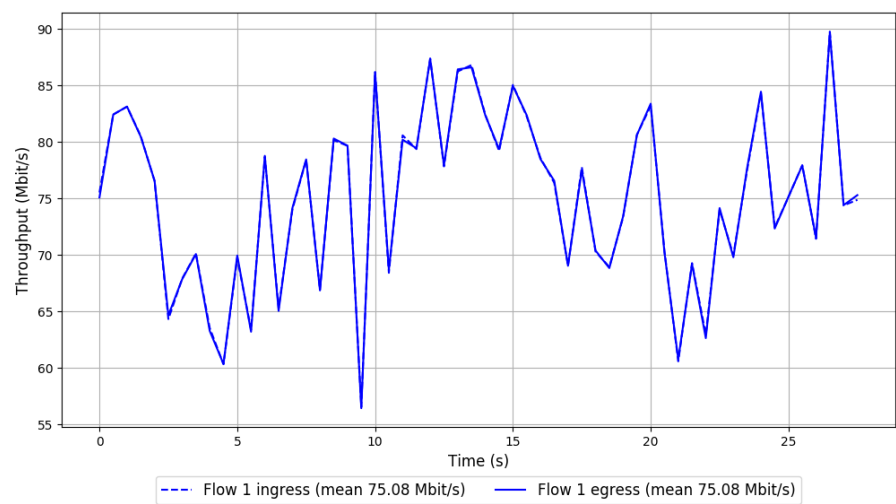


```
Run 10: Statistics of TaoVA-100x

Start at: 2018-01-25 11:26:26
End at: 2018-01-25 11:26:56
Local clock offset: 0.214 ms
Remote clock offset: 0.64 ms

# Below is generated by plot.py at 2018-01-25 12:24:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.08 Mbit/s
95th percentile per-packet one-way delay: 4.492 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.08 Mbit/s
95th percentile per-packet one-way delay: 4.492 ms
Loss rate: 0.00%
```

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

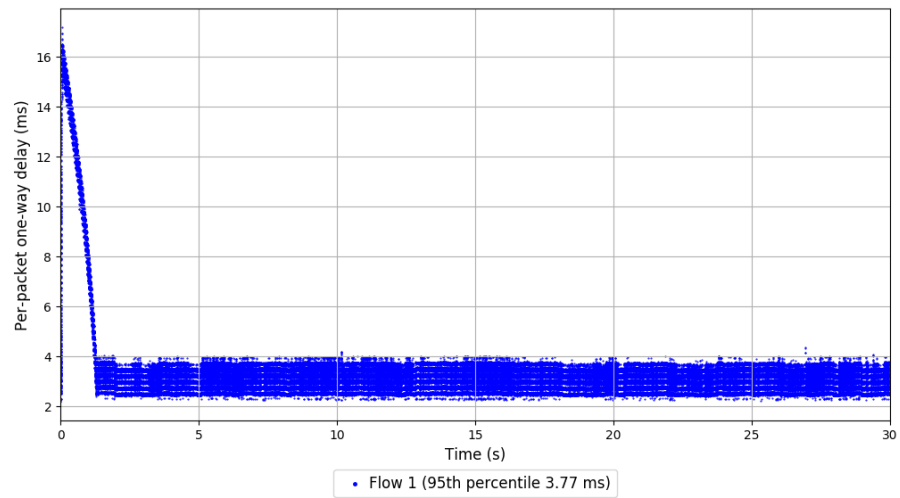
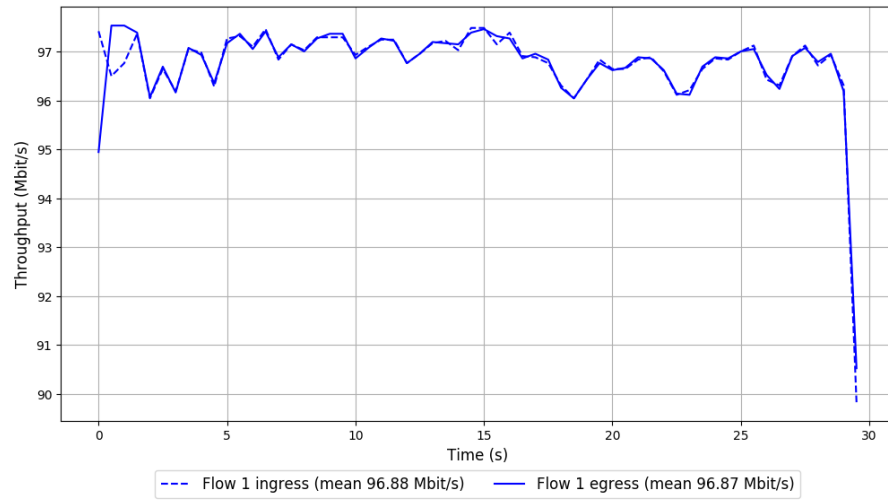


Run 1: Statistics of TCP Vegas

Start at: 2018-01-25 08:46:17
End at: 2018-01-25 08:46:47
Local clock offset: 0.462 ms
Remote clock offset: -0.181 ms

Below is generated by plot.py at 2018-01-25 12:24:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 3.765 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 3.765 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

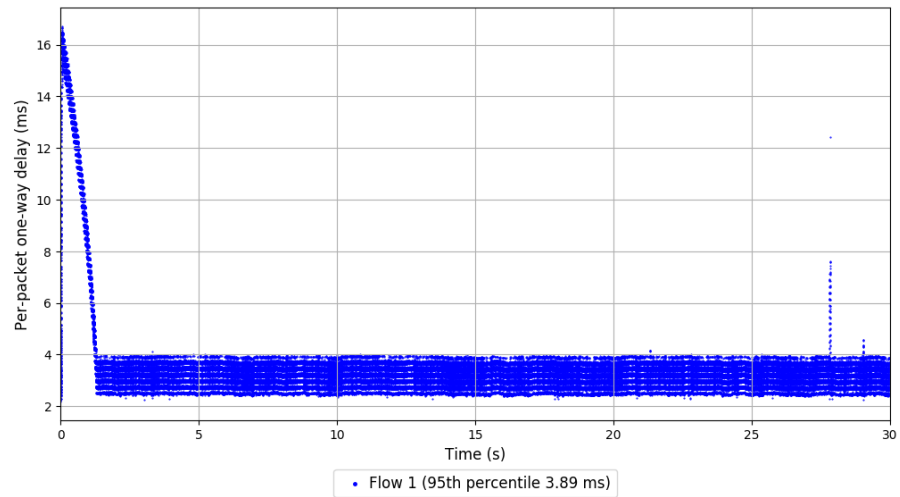
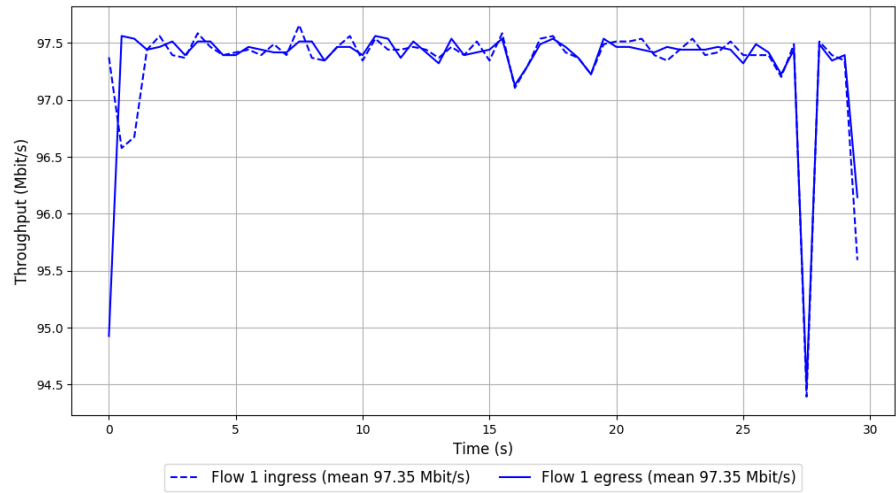


Run 2: Statistics of TCP Vegas

Start at: 2018-01-25 09:04:27
End at: 2018-01-25 09:04:57
Local clock offset: 0.423 ms
Remote clock offset: -0.164 ms

Below is generated by plot.py at 2018-01-25 12:24:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 3.893 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 3.893 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

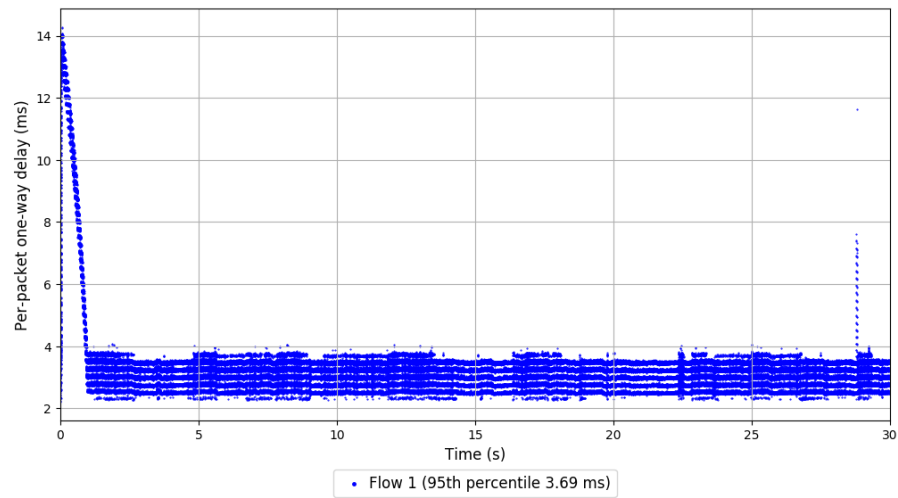
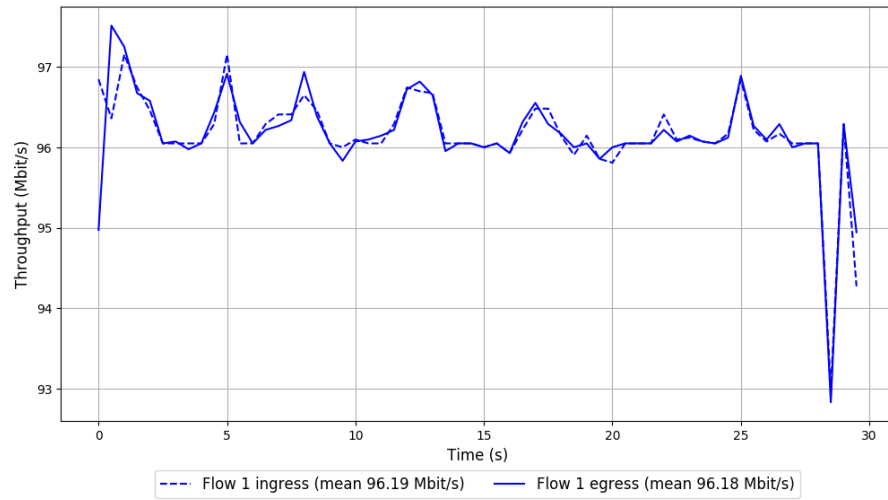


Run 3: Statistics of TCP Vegas

Start at: 2018-01-25 09:22:38
End at: 2018-01-25 09:23:08
Local clock offset: 0.382 ms
Remote clock offset: -0.147 ms

Below is generated by plot.py at 2018-01-25 12:24:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 3.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 3.693 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

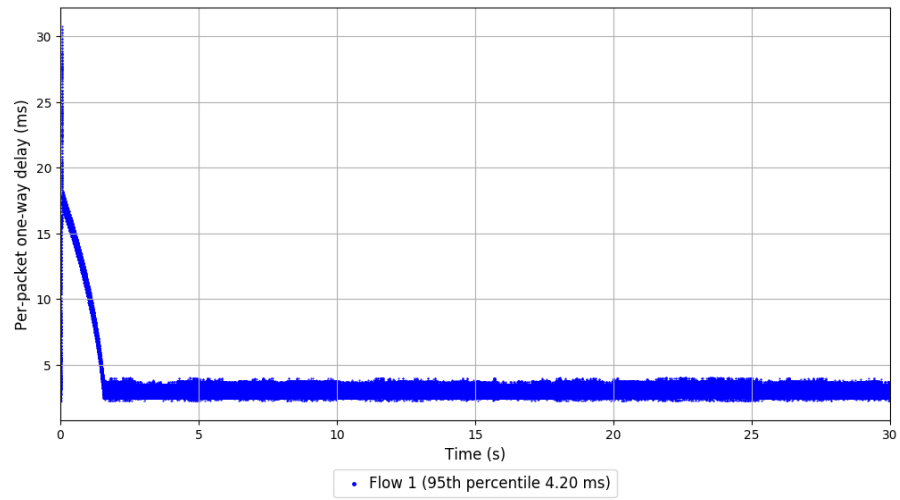
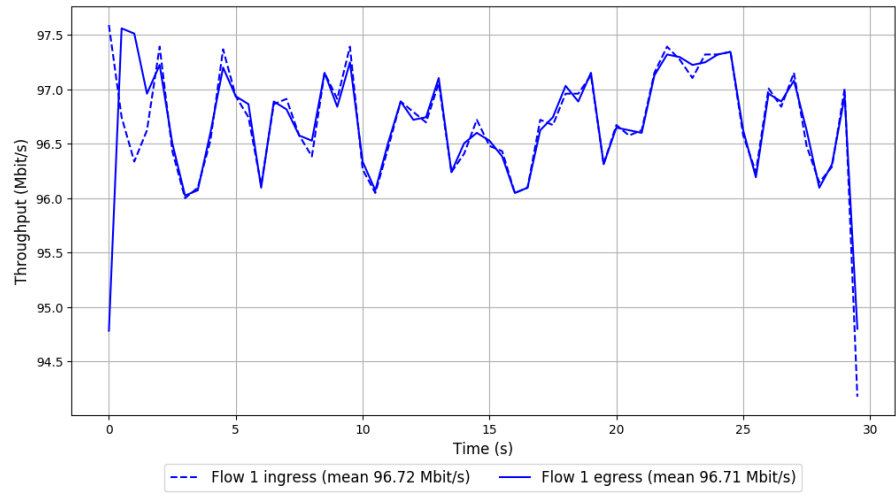


Run 4: Statistics of TCP Vegas

Start at: 2018-01-25 09:40:48
End at: 2018-01-25 09:41:18
Local clock offset: 0.33 ms
Remote clock offset: -0.218 ms

Below is generated by plot.py at 2018-01-25 12:24:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 4.199 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 4.199 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-01-25 09:58:58

End at: 2018-01-25 09:59:28

Local clock offset: 0.286 ms

Remote clock offset: 0.128 ms

Below is generated by plot.py at 2018-01-25 12:24:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 3.641 ms

Loss rate: 0.00%

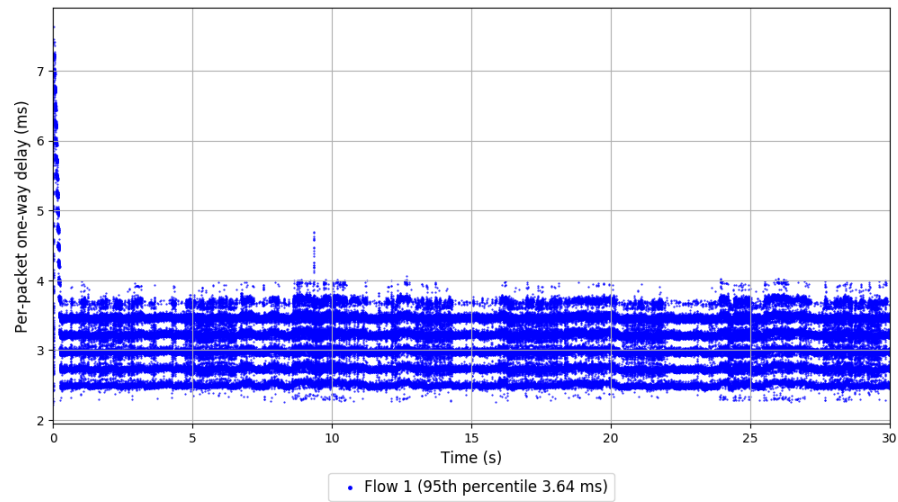
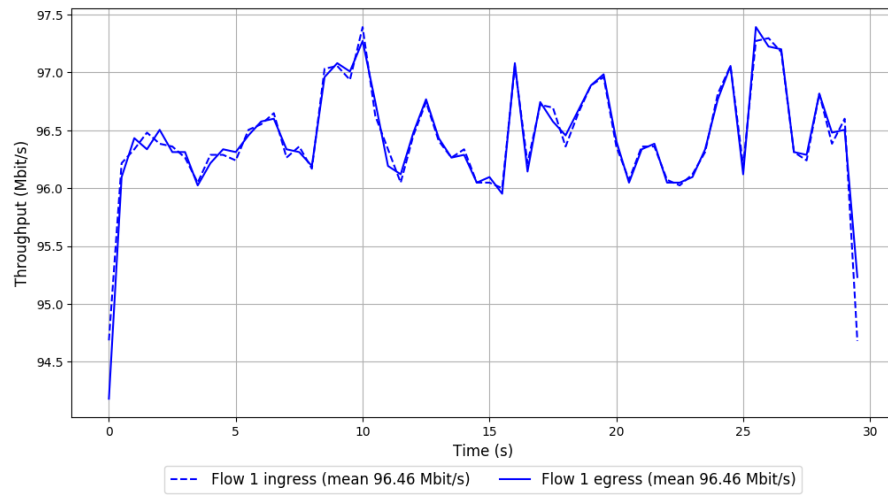
-- Flow 1:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 3.641 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-01-25 10:17:09

End at: 2018-01-25 10:17:39

Local clock offset: 0.186 ms

Remote clock offset: 0.25 ms

Below is generated by plot.py at 2018-01-25 12:24:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 3.676 ms

Loss rate: 0.00%

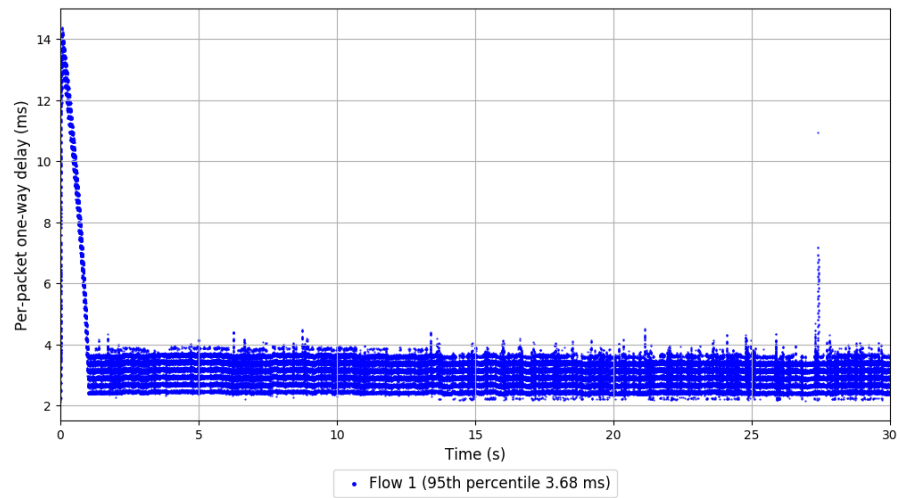
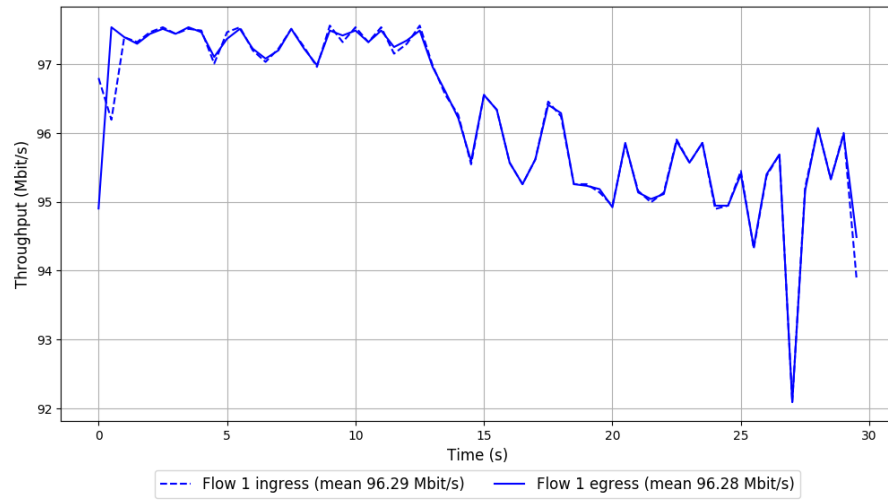
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 3.676 ms

Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-01-25 10:35:20

End at: 2018-01-25 10:35:50

Local clock offset: 0.172 ms

Remote clock offset: 0.414 ms

Below is generated by plot.py at 2018-01-25 12:25:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 5.217 ms

Loss rate: 0.00%

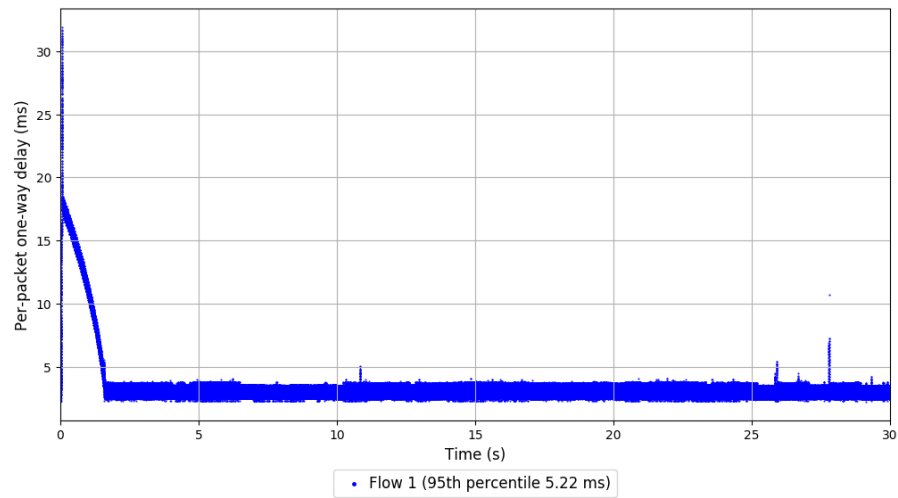
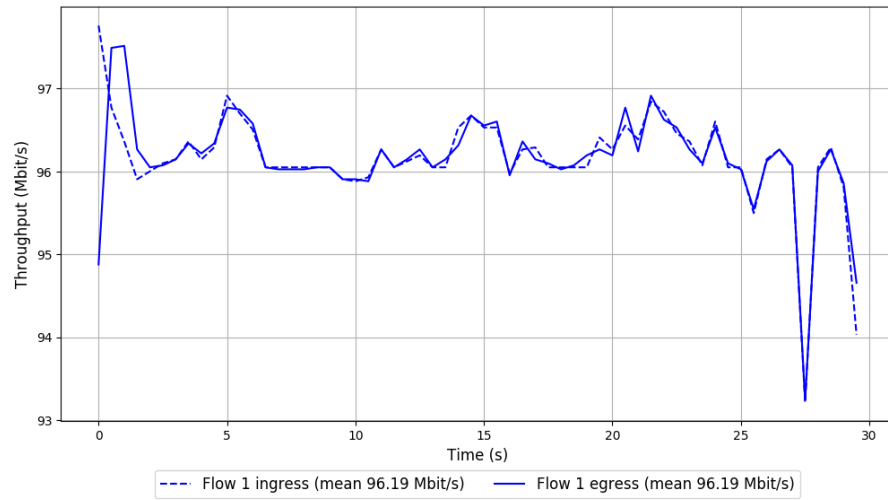
-- Flow 1:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 5.217 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-01-25 10:53:29

End at: 2018-01-25 10:54:00

Local clock offset: 0.192 ms

Remote clock offset: 0.526 ms

Below is generated by plot.py at 2018-01-25 12:25:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.29 Mbit/s

95th percentile per-packet one-way delay: 3.702 ms

Loss rate: 0.00%

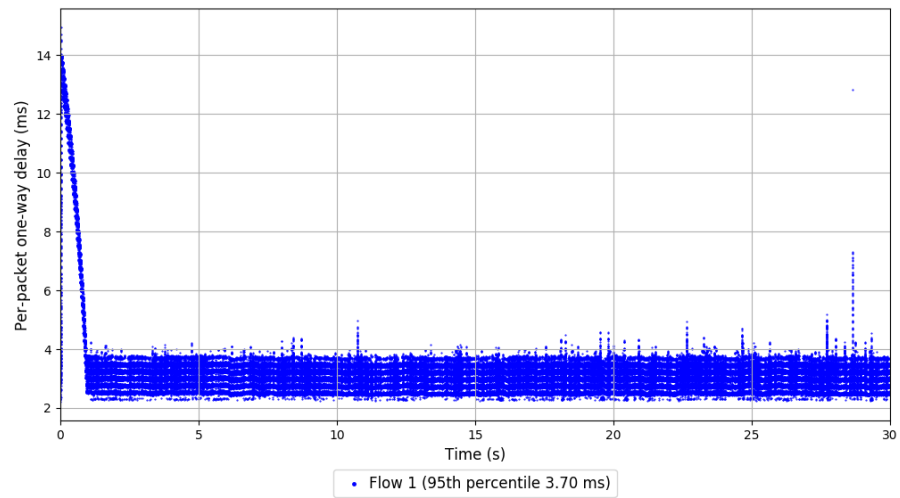
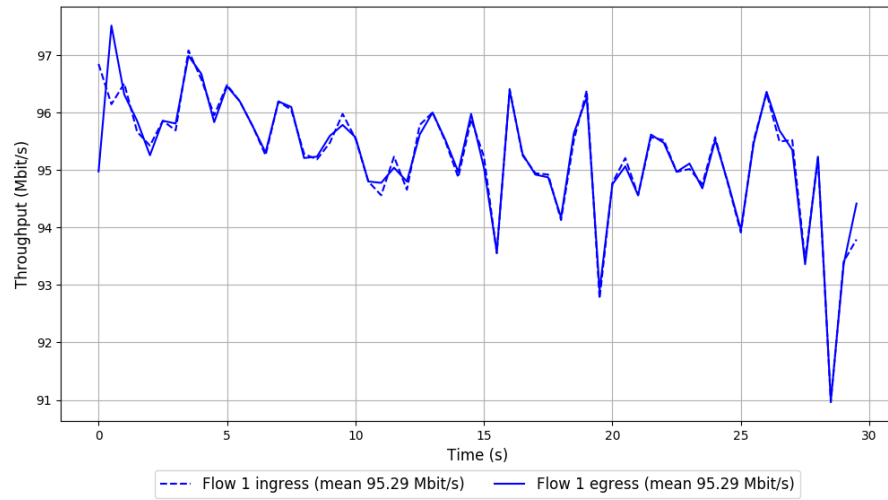
-- Flow 1:

Average throughput: 95.29 Mbit/s

95th percentile per-packet one-way delay: 3.702 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-01-25 11:11:40

End at: 2018-01-25 11:12:10

Local clock offset: 0.266 ms

Remote clock offset: 0.622 ms

Below is generated by plot.py at 2018-01-25 12:25:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.92 Mbit/s

95th percentile per-packet one-way delay: 3.783 ms

Loss rate: 0.00%

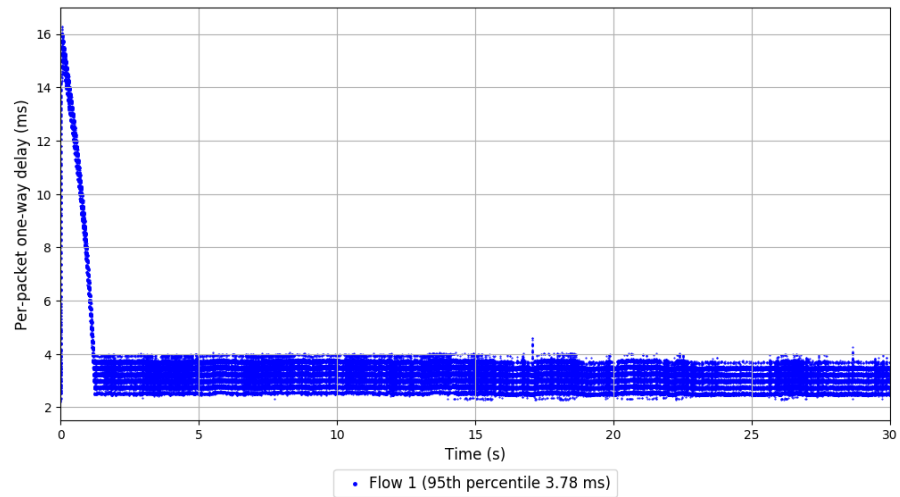
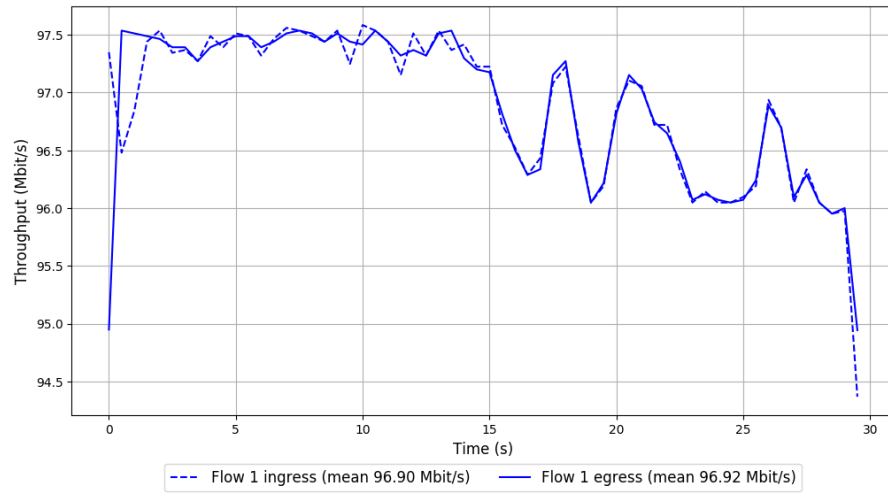
-- Flow 1:

Average throughput: 96.92 Mbit/s

95th percentile per-packet one-way delay: 3.783 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-01-25 11:29:48

End at: 2018-01-25 11:30:18

Local clock offset: 0.279 ms

Remote clock offset: 0.718 ms

Below is generated by plot.py at 2018-01-25 12:26:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.93 Mbit/s

95th percentile per-packet one-way delay: 3.651 ms

Loss rate: 0.00%

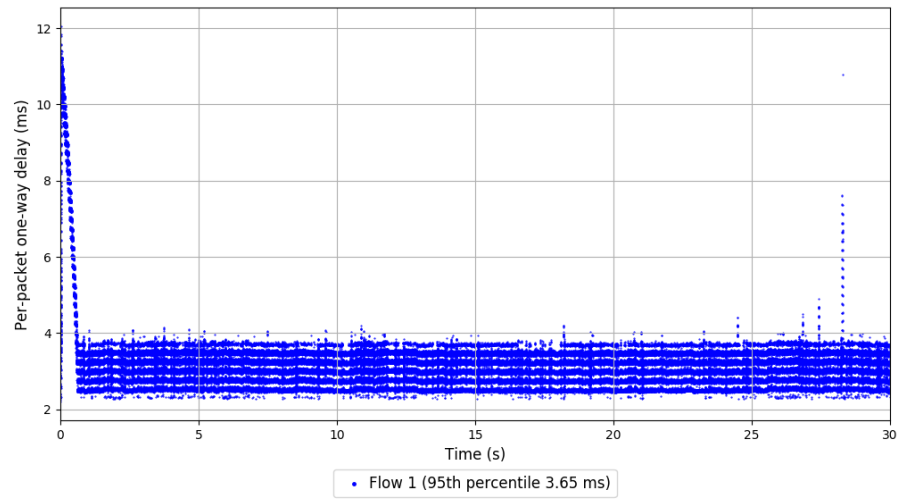
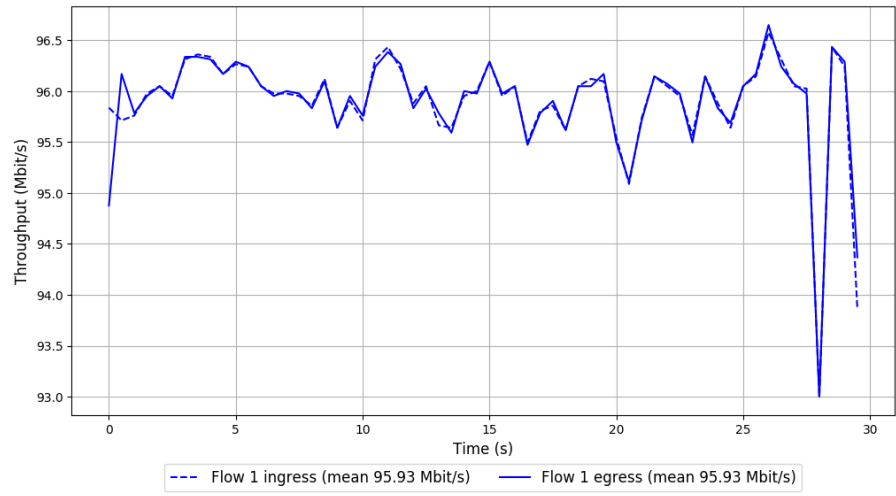
-- Flow 1:

Average throughput: 95.93 Mbit/s

95th percentile per-packet one-way delay: 3.651 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

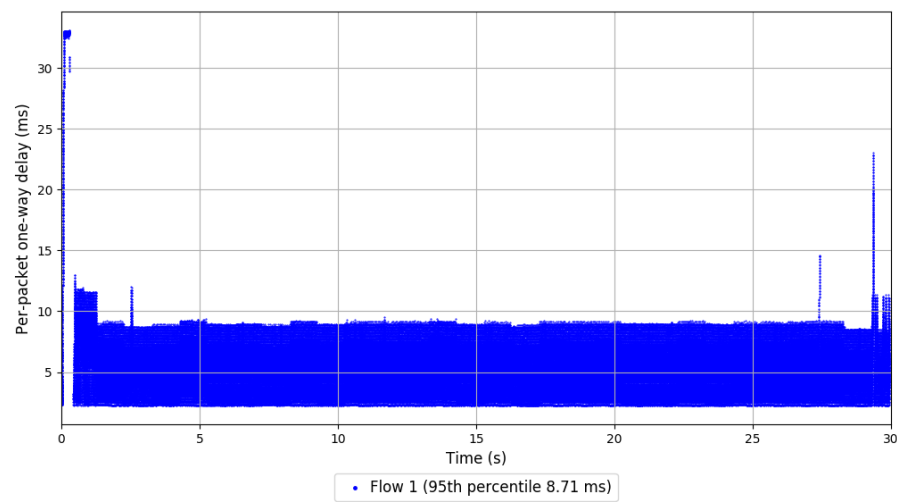
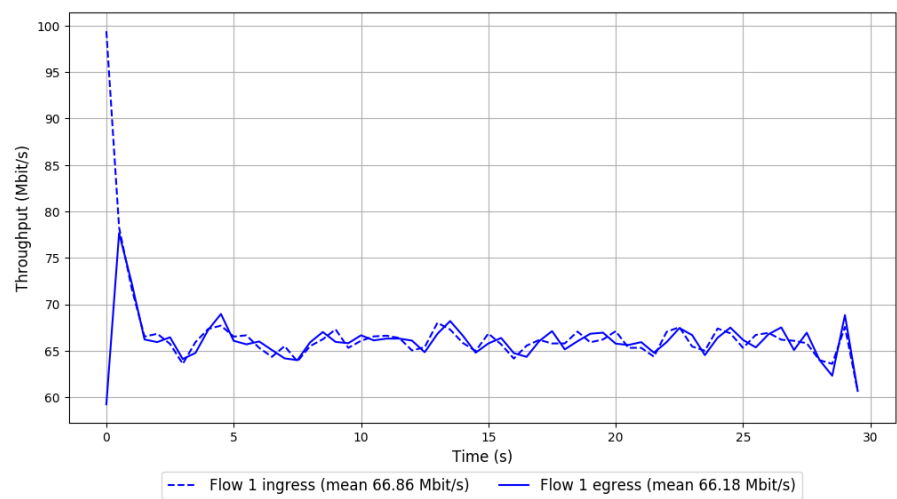


Run 1: Statistics of Verus

Start at: 2018-01-25 08:59:56
End at: 2018-01-25 09:00:26
Local clock offset: 0.434 ms
Remote clock offset: -0.155 ms

Below is generated by plot.py at 2018-01-25 12:26:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.18 Mbit/s
95th percentile per-packet one-way delay: 8.705 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 66.18 Mbit/s
95th percentile per-packet one-way delay: 8.705 ms
Loss rate: 1.00%

Run 1: Report of Verus — Data Link

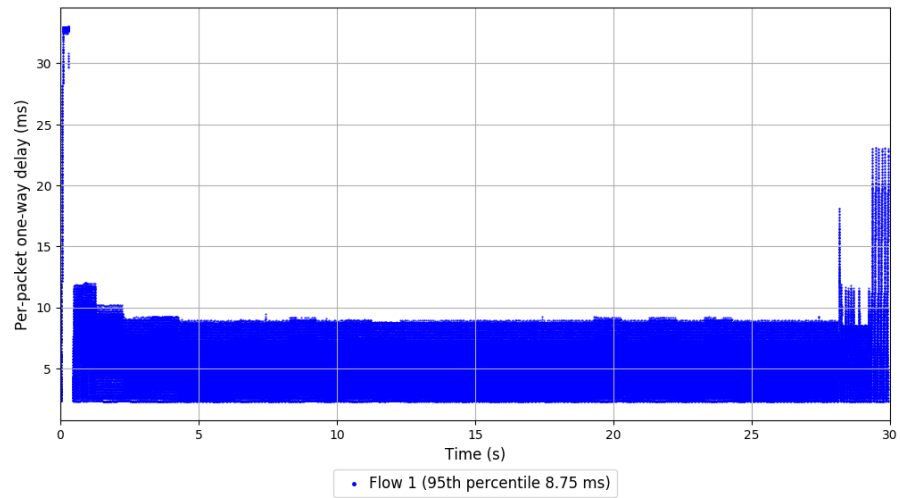
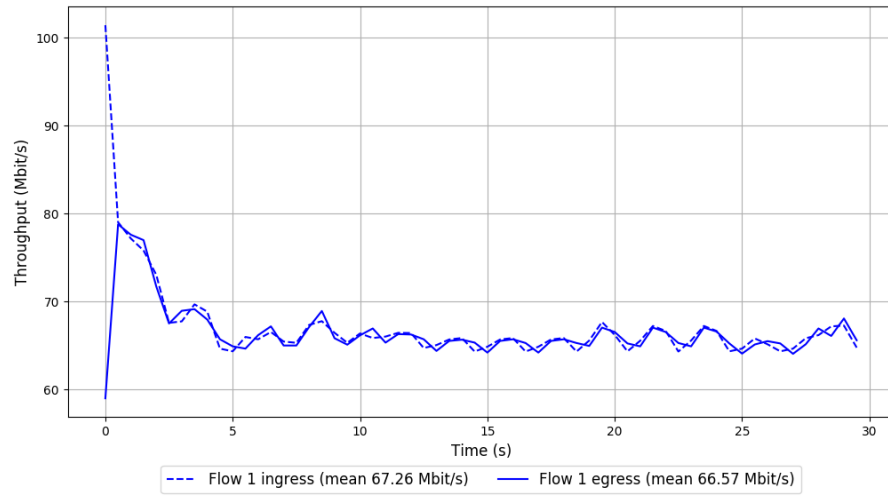


Run 2: Statistics of Verus

Start at: 2018-01-25 09:18:07
End at: 2018-01-25 09:18:37
Local clock offset: 0.373 ms
Remote clock offset: -0.155 ms

Below is generated by plot.py at 2018-01-25 12:26:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.57 Mbit/s
95th percentile per-packet one-way delay: 8.754 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 66.57 Mbit/s
95th percentile per-packet one-way delay: 8.754 ms
Loss rate: 1.02%

Run 2: Report of Verus — Data Link

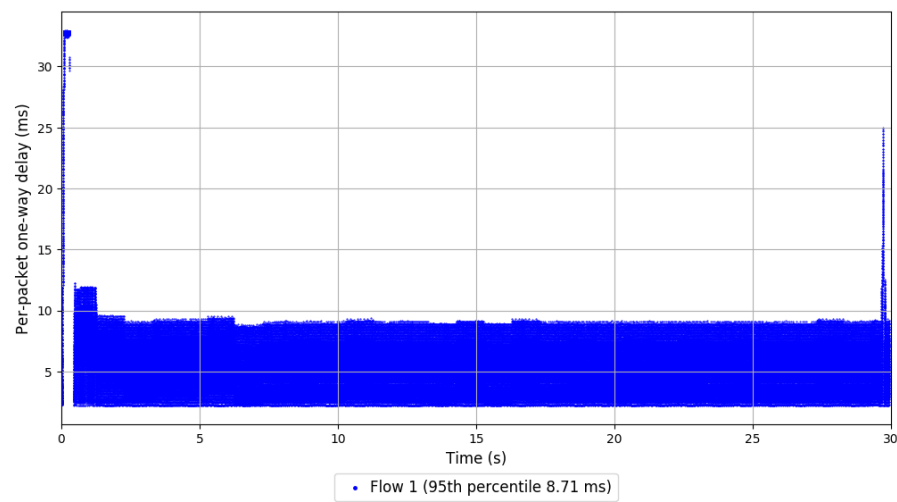
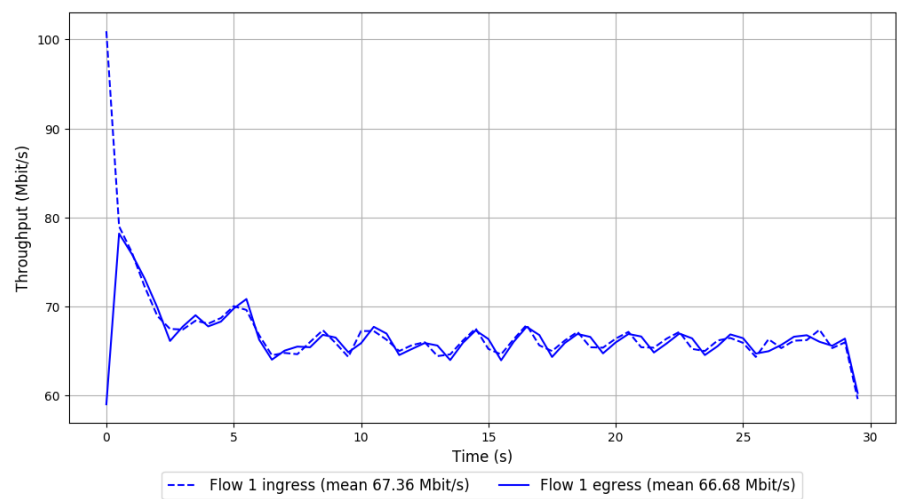


Run 3: Statistics of Verus

Start at: 2018-01-25 09:36:17
End at: 2018-01-25 09:36:47
Local clock offset: 0.388 ms
Remote clock offset: -0.194 ms

Below is generated by plot.py at 2018-01-25 12:26:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.68 Mbit/s
95th percentile per-packet one-way delay: 8.713 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 66.68 Mbit/s
95th percentile per-packet one-way delay: 8.713 ms
Loss rate: 1.02%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-01-25 09:54:27

End at: 2018-01-25 09:54:57

Local clock offset: 0.312 ms

Remote clock offset: 0.068 ms

Below is generated by plot.py at 2018-01-25 12:26:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.17 Mbit/s

95th percentile per-packet one-way delay: 8.859 ms

Loss rate: 0.94%

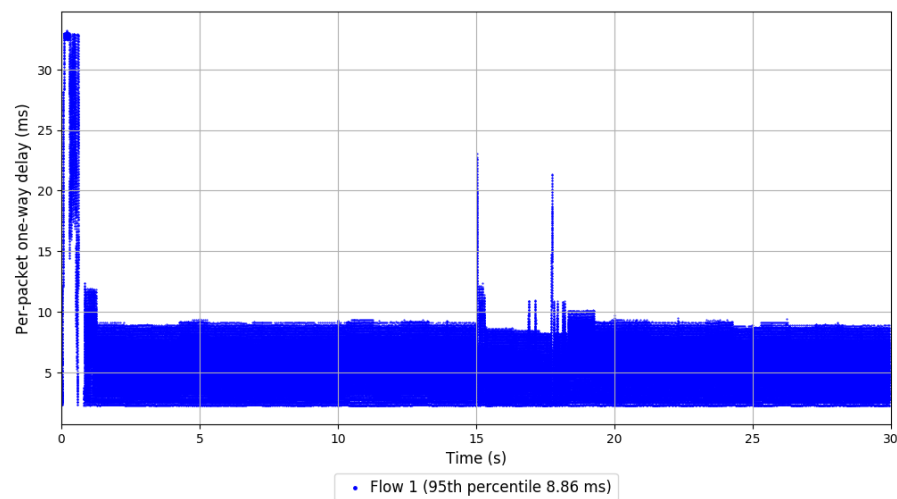
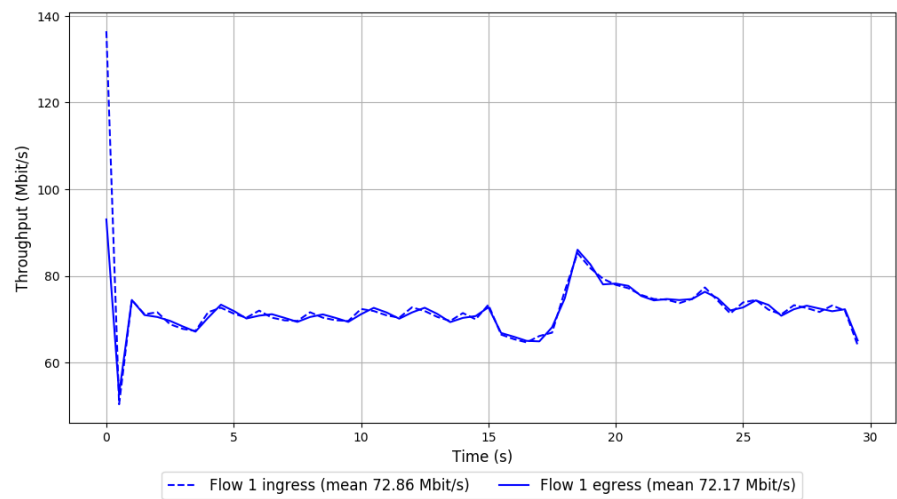
-- Flow 1:

Average throughput: 72.17 Mbit/s

95th percentile per-packet one-way delay: 8.859 ms

Loss rate: 0.94%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-01-25 10:12:37

End at: 2018-01-25 10:13:07

Local clock offset: 0.135 ms

Remote clock offset: 0.214 ms

Below is generated by plot.py at 2018-01-25 12:26:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.83 Mbit/s

95th percentile per-packet one-way delay: 8.972 ms

Loss rate: 0.94%

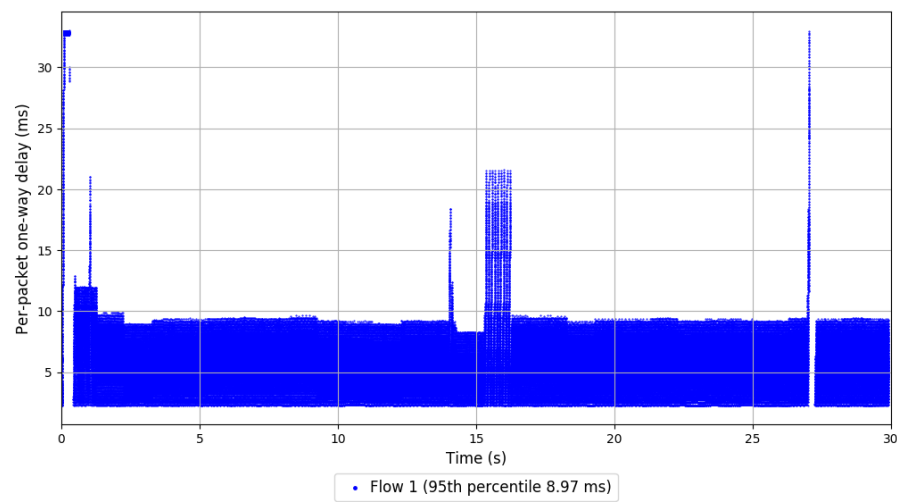
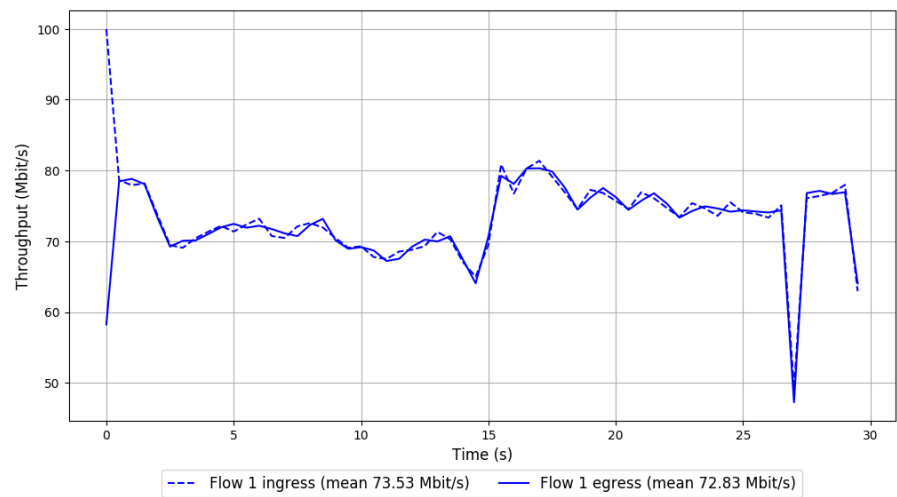
-- Flow 1:

Average throughput: 72.83 Mbit/s

95th percentile per-packet one-way delay: 8.972 ms

Loss rate: 0.94%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-01-25 10:30:48

End at: 2018-01-25 10:31:18

Local clock offset: 0.103 ms

Remote clock offset: 0.377 ms

Below is generated by plot.py at 2018-01-25 12:26:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.91 Mbit/s

95th percentile per-packet one-way delay: 9.142 ms

Loss rate: 0.82%

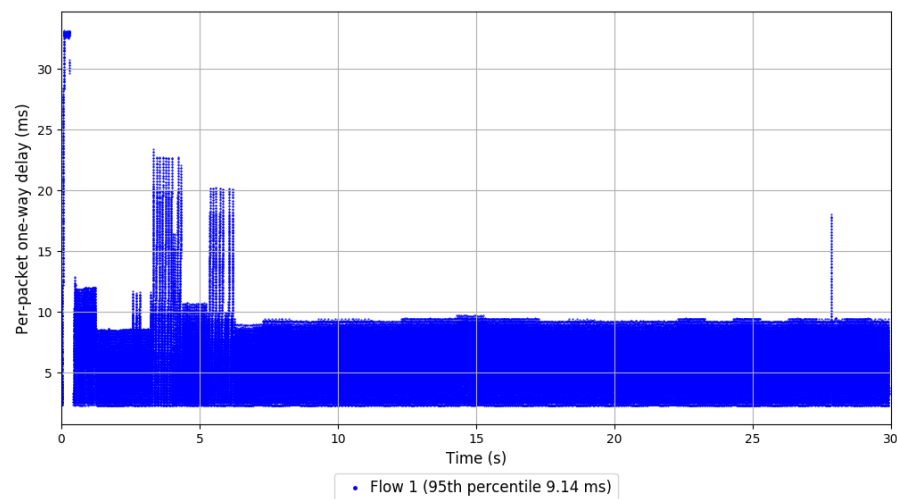
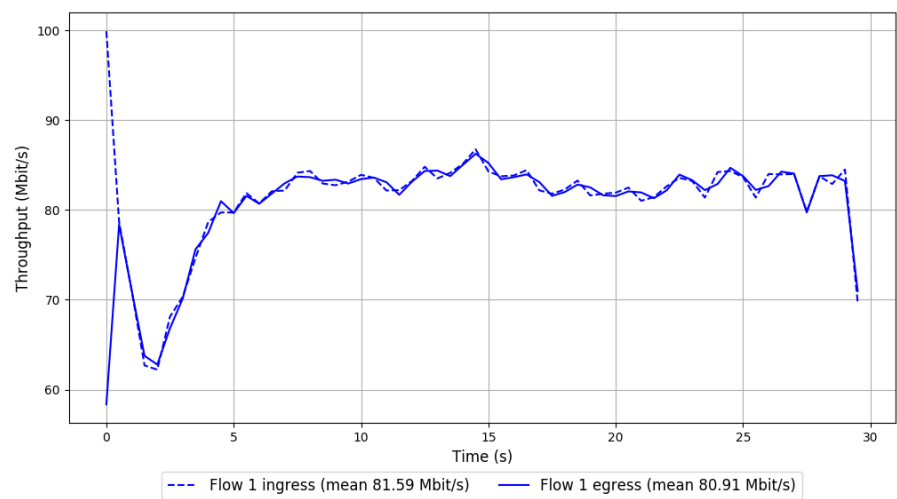
-- Flow 1:

Average throughput: 80.91 Mbit/s

95th percentile per-packet one-way delay: 9.142 ms

Loss rate: 0.82%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-01-25 10:48:59

End at: 2018-01-25 10:49:29

Local clock offset: 0.197 ms

Remote clock offset: 0.515 ms

Below is generated by plot.py at 2018-01-25 12:26:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.73 Mbit/s

95th percentile per-packet one-way delay: 8.695 ms

Loss rate: 1.03%

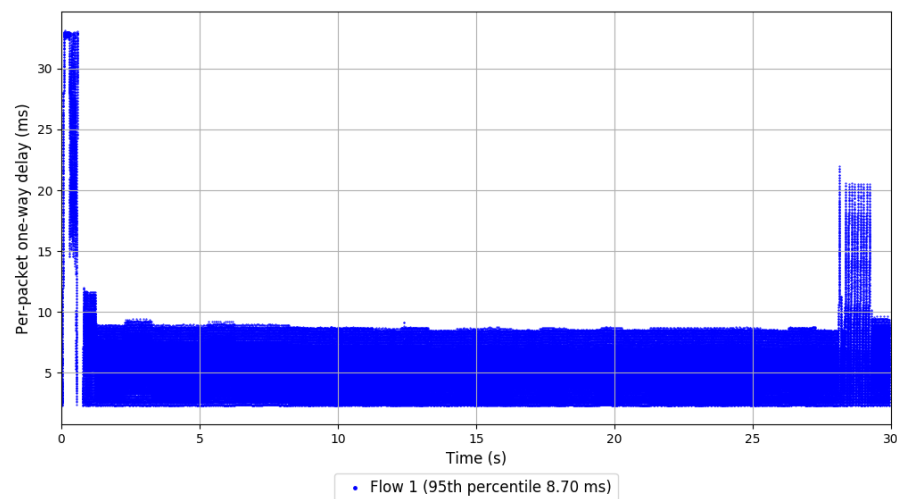
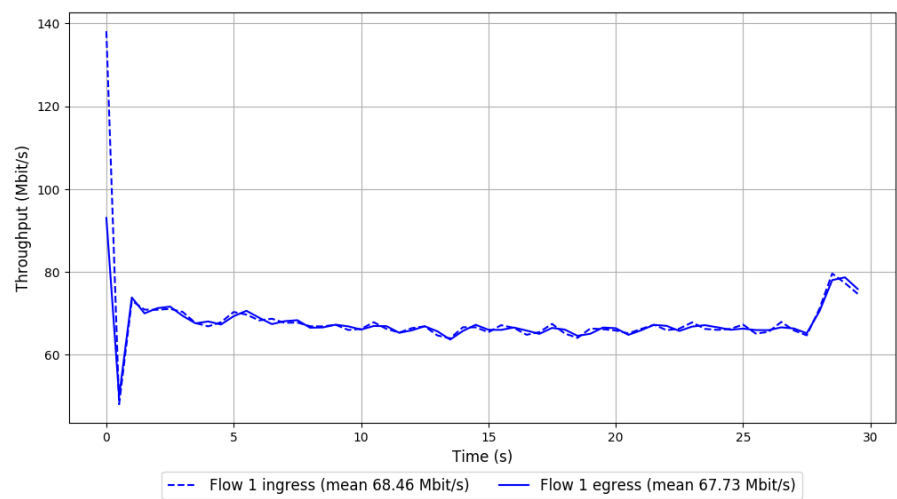
-- Flow 1:

Average throughput: 67.73 Mbit/s

95th percentile per-packet one-way delay: 8.695 ms

Loss rate: 1.03%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-01-25 11:07:08

End at: 2018-01-25 11:07:38

Local clock offset: 0.232 ms

Remote clock offset: 0.592 ms

Below is generated by plot.py at 2018-01-25 12:26:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.44 Mbit/s

95th percentile per-packet one-way delay: 8.794 ms

Loss rate: 0.93%

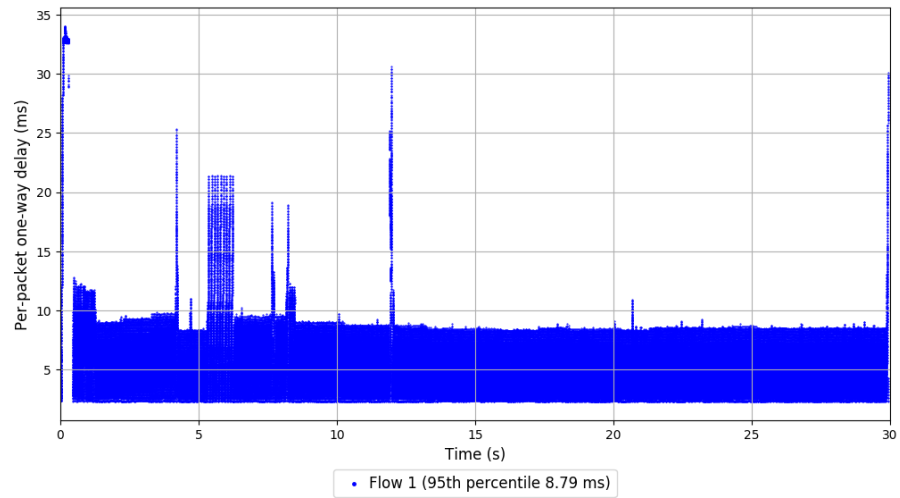
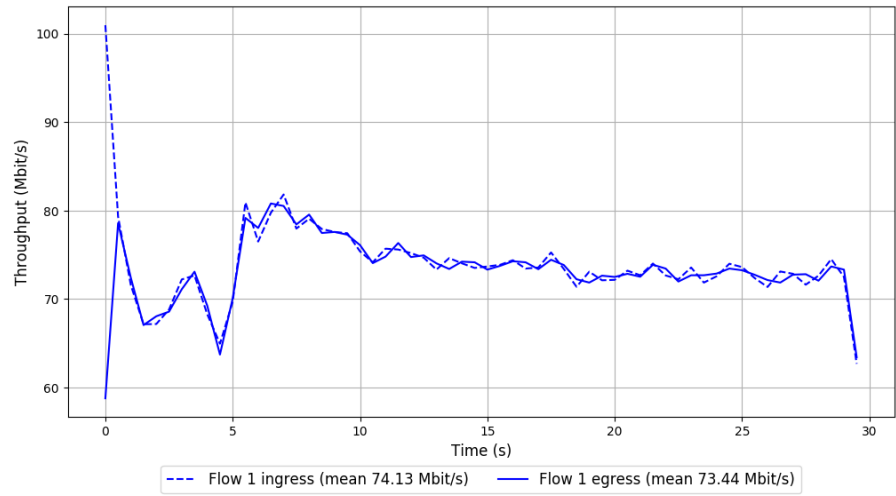
-- Flow 1:

Average throughput: 73.44 Mbit/s

95th percentile per-packet one-way delay: 8.794 ms

Loss rate: 0.93%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-01-25 11:25:18

End at: 2018-01-25 11:25:48

Local clock offset: 0.294 ms

Remote clock offset: 0.633 ms

Below is generated by plot.py at 2018-01-25 12:26:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.44 Mbit/s

95th percentile per-packet one-way delay: 8.846 ms

Loss rate: 0.98%

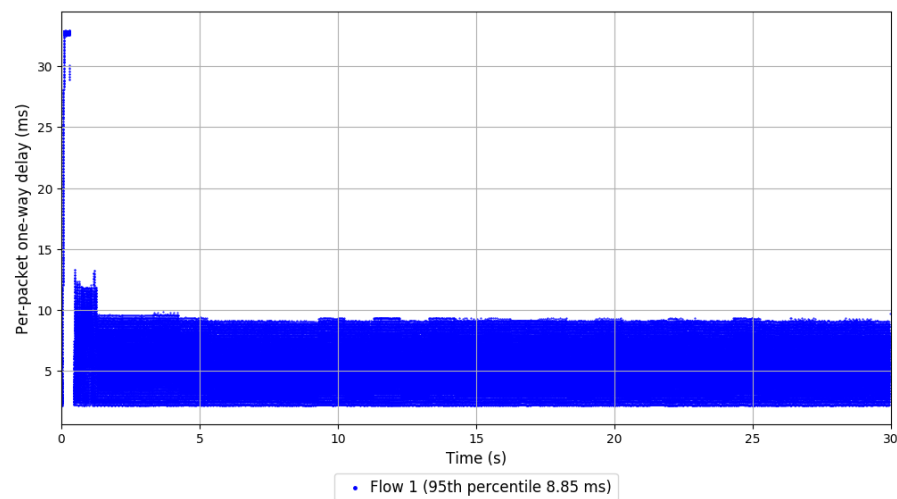
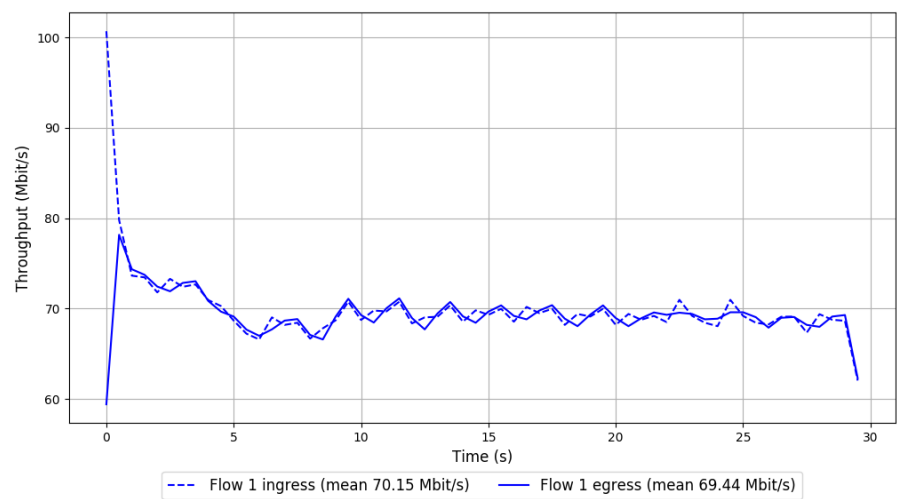
-- Flow 1:

Average throughput: 69.44 Mbit/s

95th percentile per-packet one-way delay: 8.846 ms

Loss rate: 0.98%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-01-25 11:43:26

End at: 2018-01-25 11:43:56

Local clock offset: 0.228 ms

Remote clock offset: -4.28 ms

Below is generated by plot.py at 2018-01-25 12:26:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.00 Mbit/s

95th percentile per-packet one-way delay: 3.756 ms

Loss rate: 0.99%

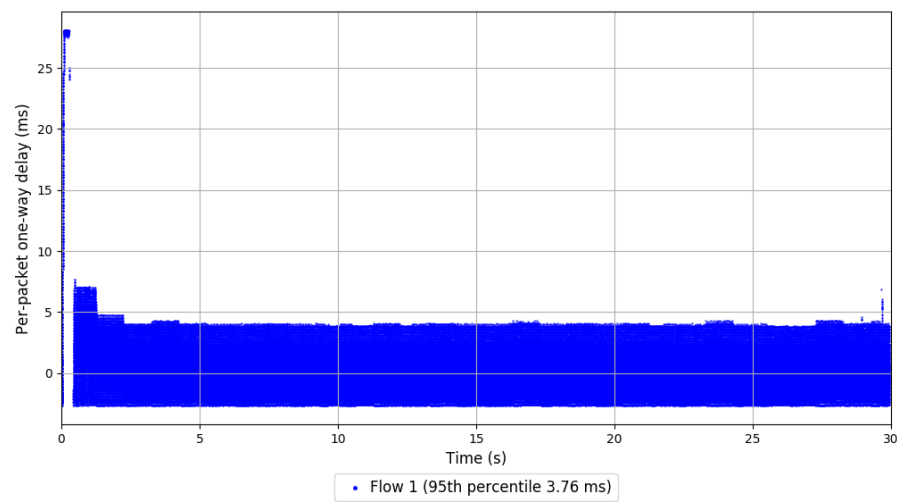
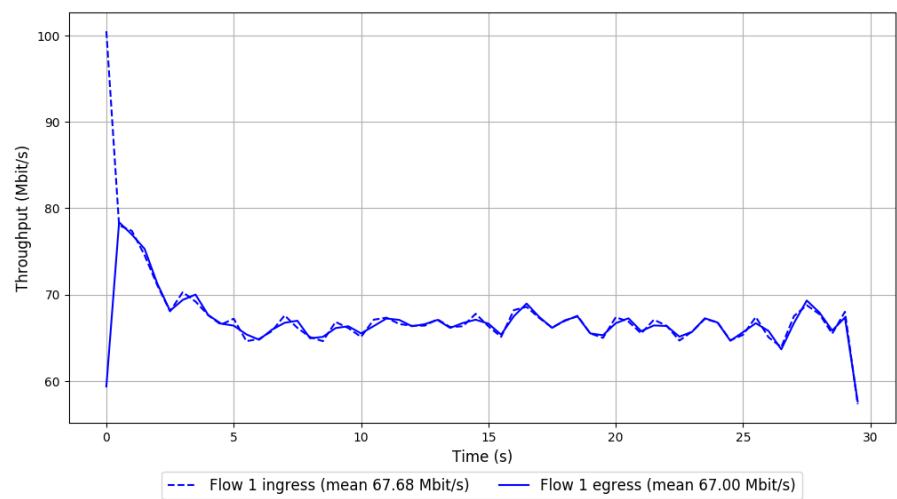
-- Flow 1:

Average throughput: 67.00 Mbit/s

95th percentile per-packet one-way delay: 3.756 ms

Loss rate: 0.99%

Run 10: Report of Verus — Data Link

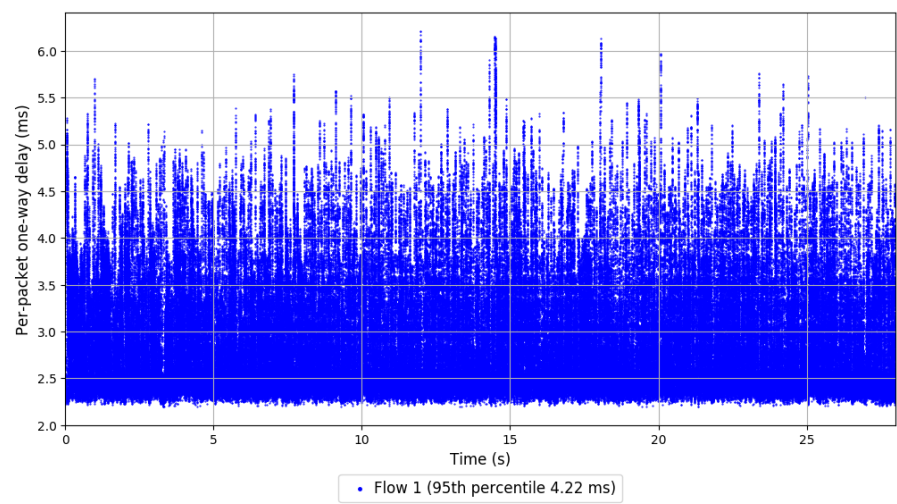
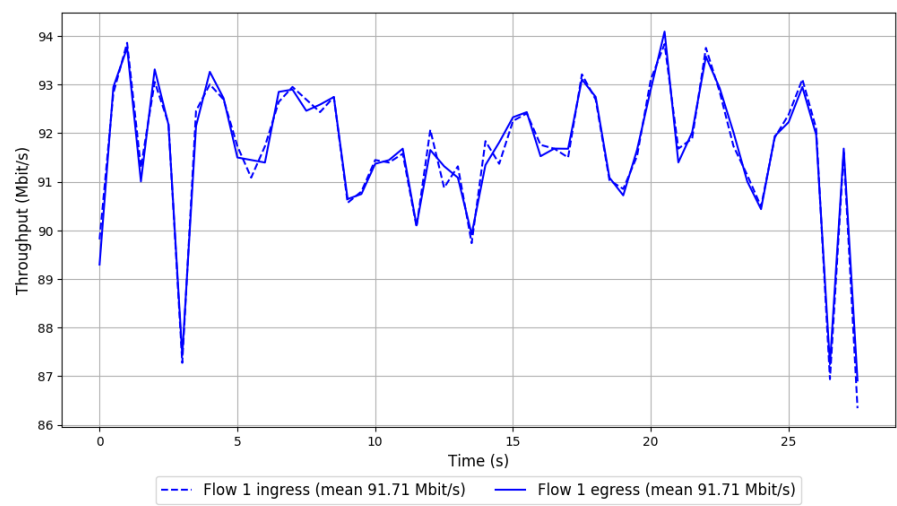


Run 1: Statistics of Copa

Start at: 2018-01-25 08:55:18
End at: 2018-01-25 08:55:48
Local clock offset: 0.429 ms
Remote clock offset: -0.244 ms

Below is generated by plot.py at 2018-01-25 12:27:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 4.217 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 4.217 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

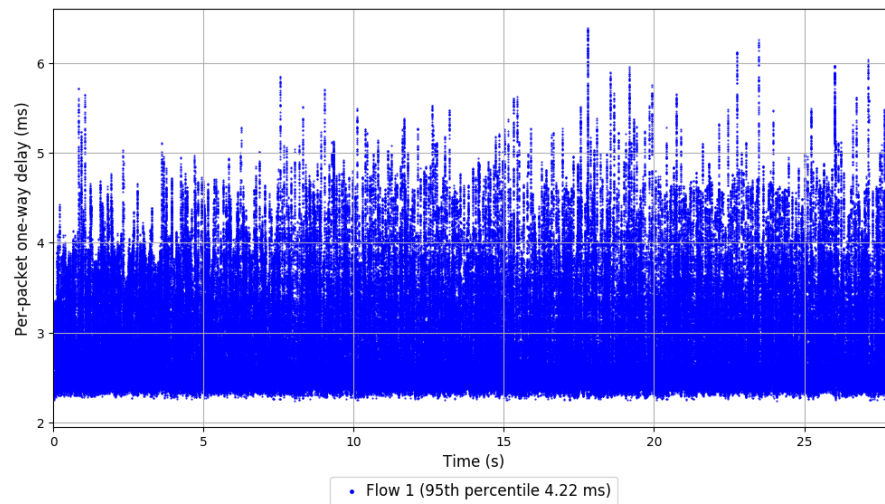
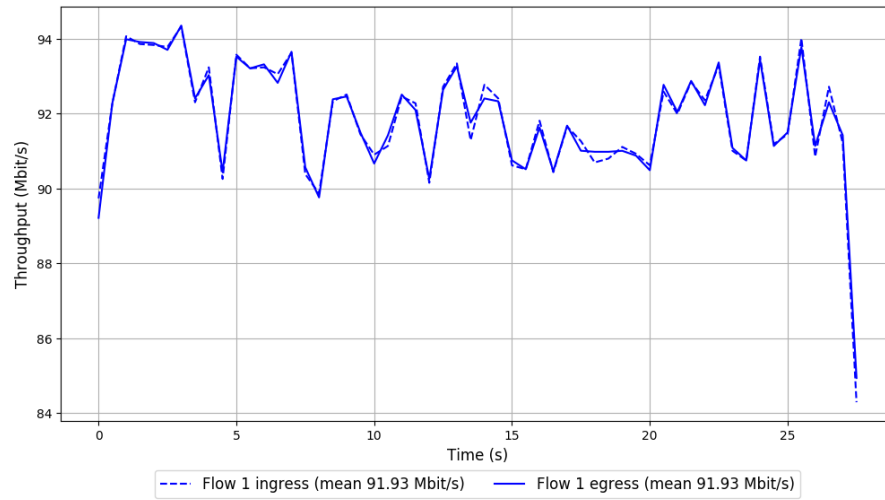


Run 2: Statistics of Copa

Start at: 2018-01-25 09:13:28
End at: 2018-01-25 09:13:58
Local clock offset: 0.388 ms
Remote clock offset: -0.135 ms

Below is generated by plot.py at 2018-01-25 12:28:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.93 Mbit/s
95th percentile per-packet one-way delay: 4.220 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.93 Mbit/s
95th percentile per-packet one-way delay: 4.220 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

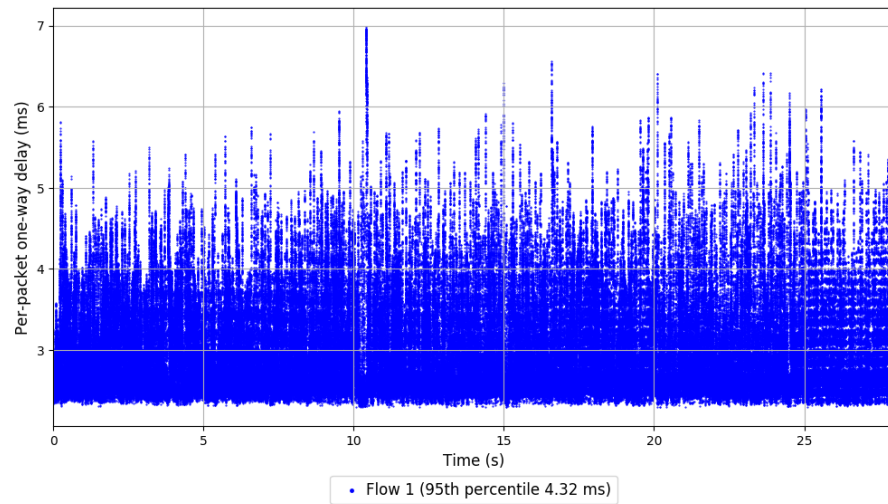
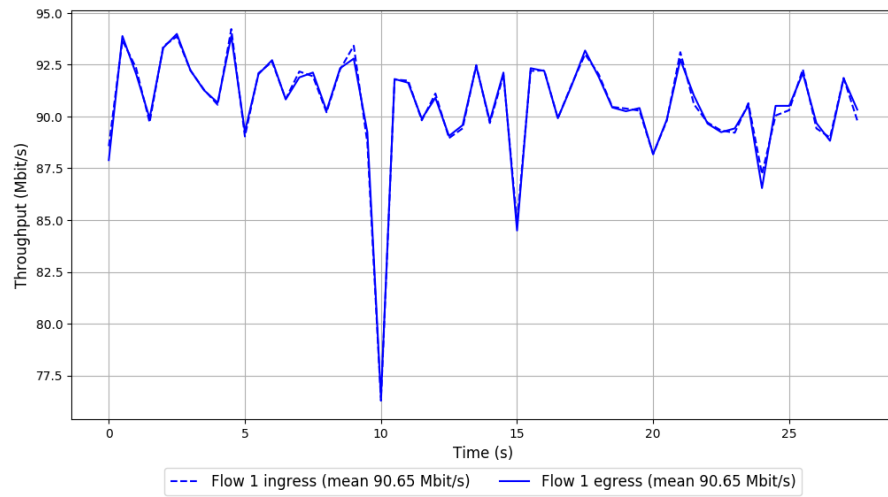


Run 3: Statistics of Copa

Start at: 2018-01-25 09:31:38
End at: 2018-01-25 09:32:08
Local clock offset: 0.337 ms
Remote clock offset: -0.132 ms

Below is generated by plot.py at 2018-01-25 12:28:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.65 Mbit/s
95th percentile per-packet one-way delay: 4.321 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.65 Mbit/s
95th percentile per-packet one-way delay: 4.321 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

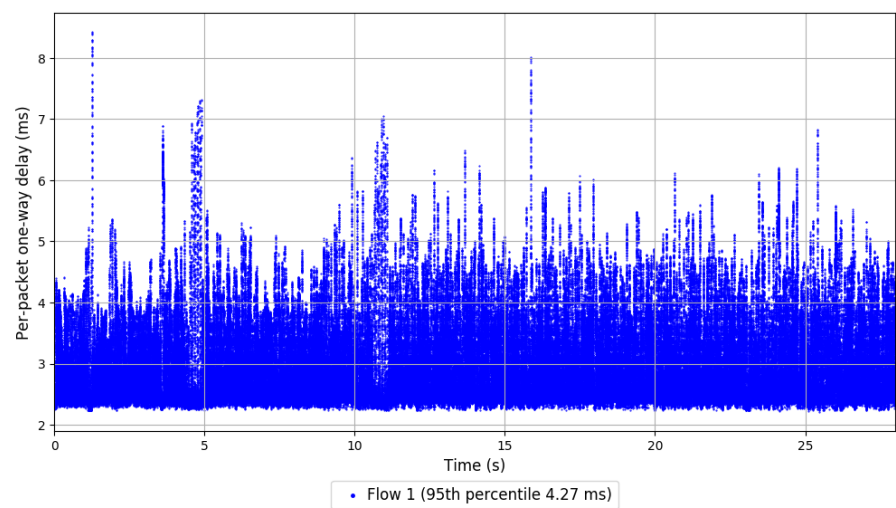
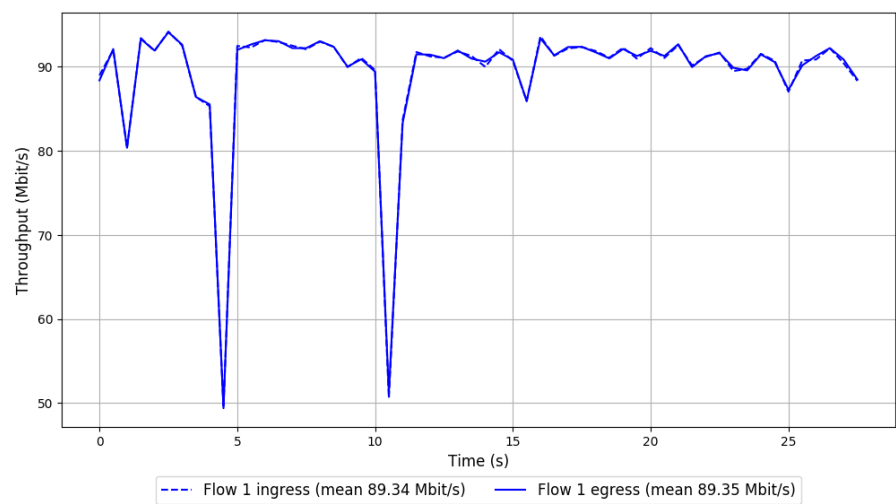


Run 4: Statistics of Copa

Start at: 2018-01-25 09:49:48
End at: 2018-01-25 09:50:18
Local clock offset: 0.364 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2018-01-25 12:28:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.35 Mbit/s
95th percentile per-packet one-way delay: 4.268 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.35 Mbit/s
95th percentile per-packet one-way delay: 4.268 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-01-25 10:07:59

End at: 2018-01-25 10:08:29

Local clock offset: 0.148 ms

Remote clock offset: 0.227 ms

Below is generated by plot.py at 2018-01-25 12:29:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.99 Mbit/s

95th percentile per-packet one-way delay: 4.235 ms

Loss rate: 0.00%

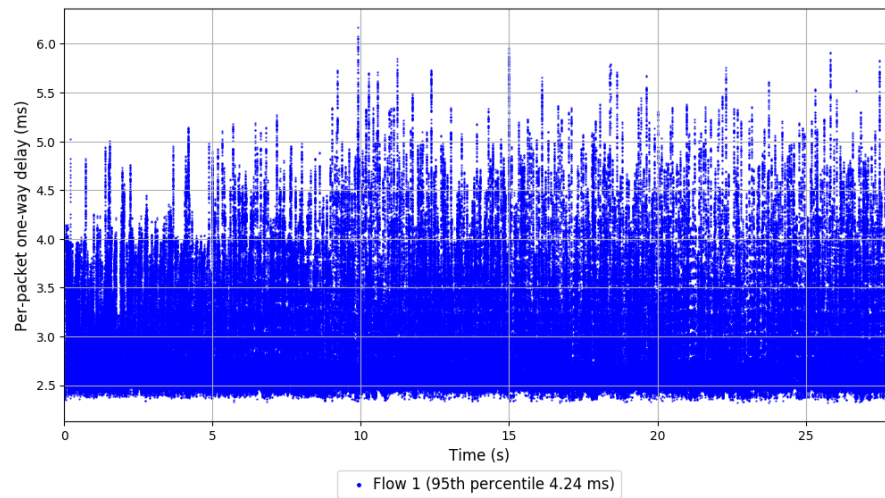
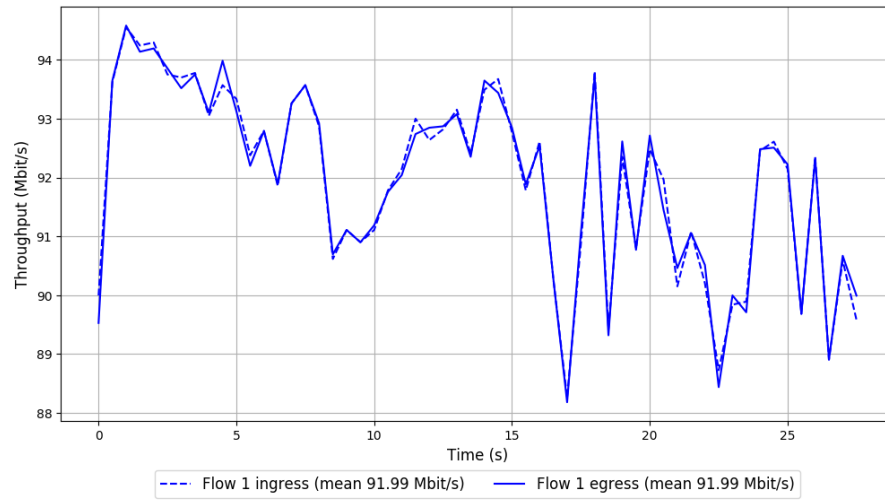
-- Flow 1:

Average throughput: 91.99 Mbit/s

95th percentile per-packet one-way delay: 4.235 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-01-25 10:26:09

End at: 2018-01-25 10:26:39

Local clock offset: 0.16 ms

Remote clock offset: 0.291 ms

Below is generated by plot.py at 2018-01-25 12:29:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.26 Mbit/s

95th percentile per-packet one-way delay: 4.244 ms

Loss rate: 0.00%

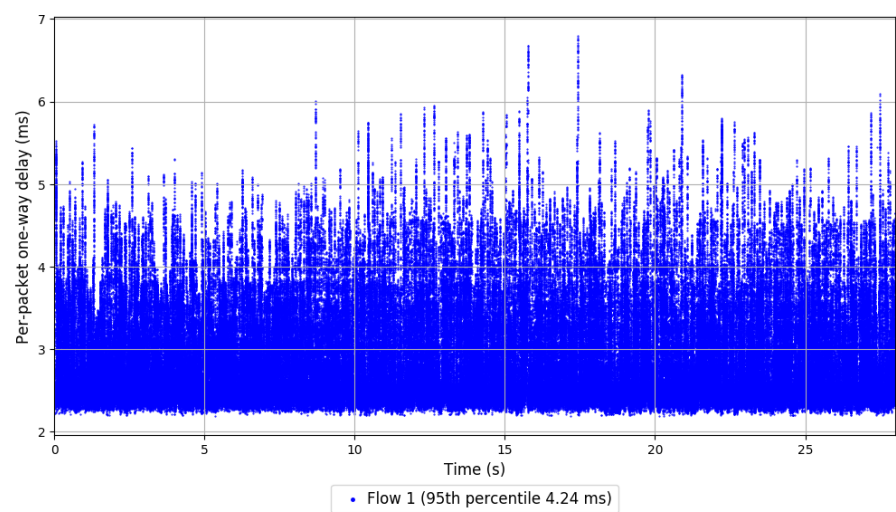
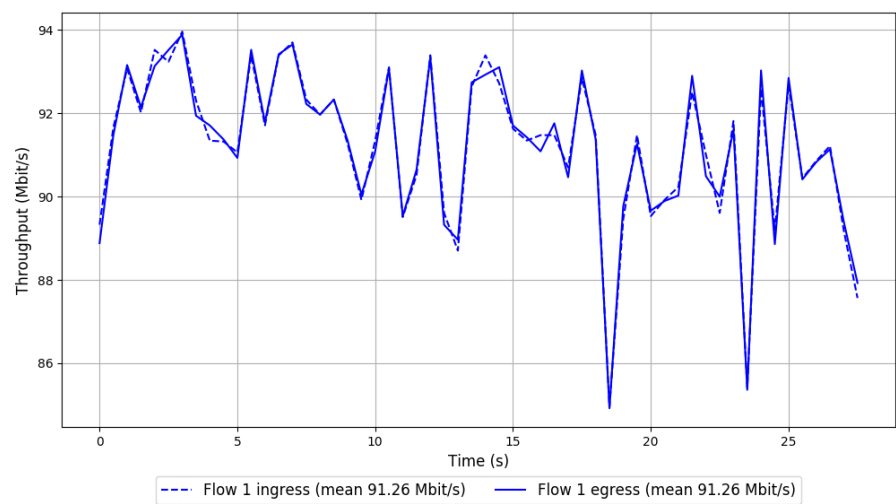
-- Flow 1:

Average throughput: 91.26 Mbit/s

95th percentile per-packet one-way delay: 4.244 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-01-25 10:44:20

End at: 2018-01-25 10:44:50

Local clock offset: 0.165 ms

Remote clock offset: 0.464 ms

Below is generated by plot.py at 2018-01-25 12:29:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.29 Mbit/s

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

Loss rate: 0.00%

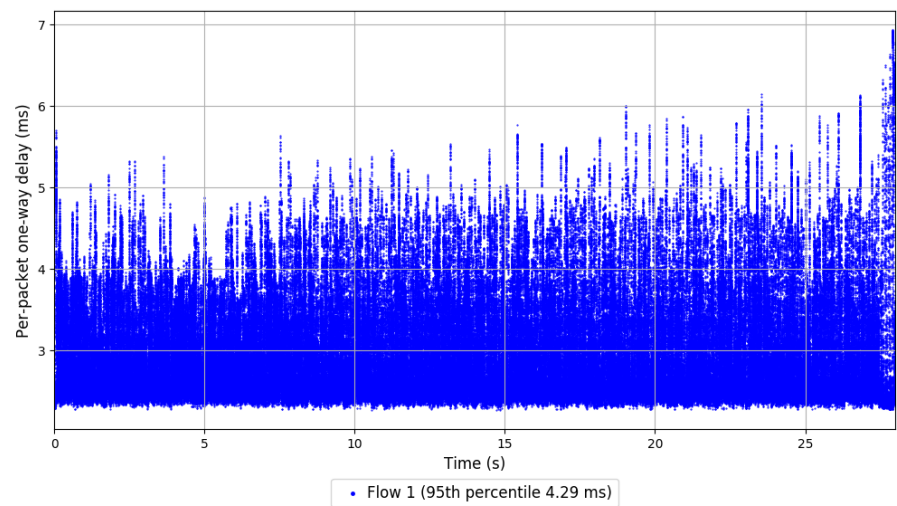
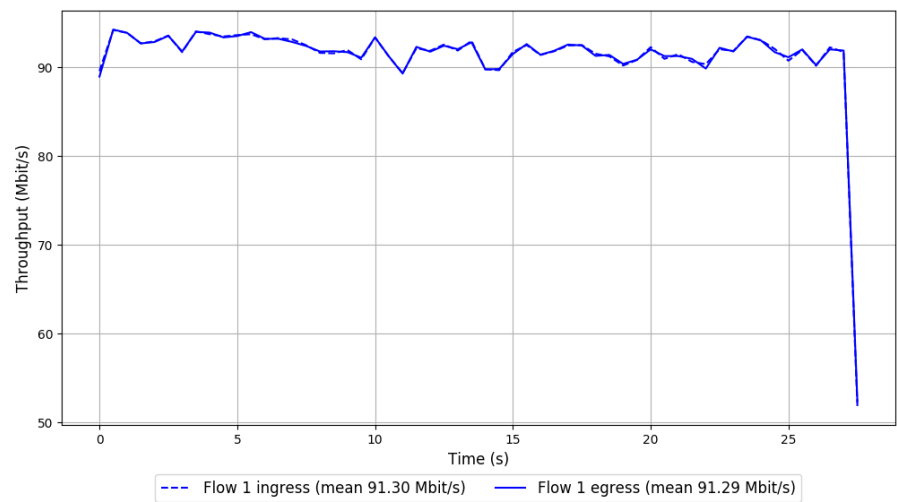
-- Flow 1:

Average throughput: 91.29 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: 2018-01-25 11:02:30

End at: 2018-01-25 11:03:00

Local clock offset: 0.197 ms

Remote clock offset: 0.503 ms

Below is generated by plot.py at 2018-01-25 12:29:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.31 Mbit/s

95th percentile per-packet one-way delay: 4.160 ms

Loss rate: 0.00%

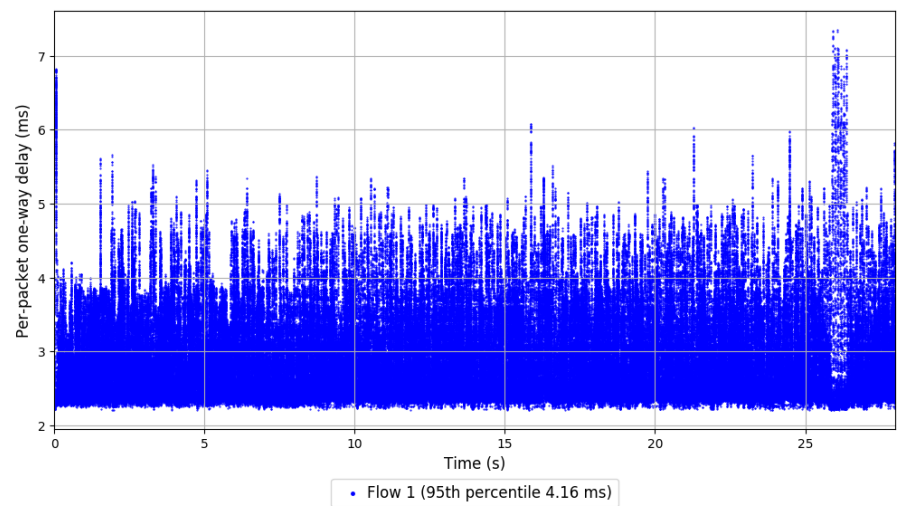
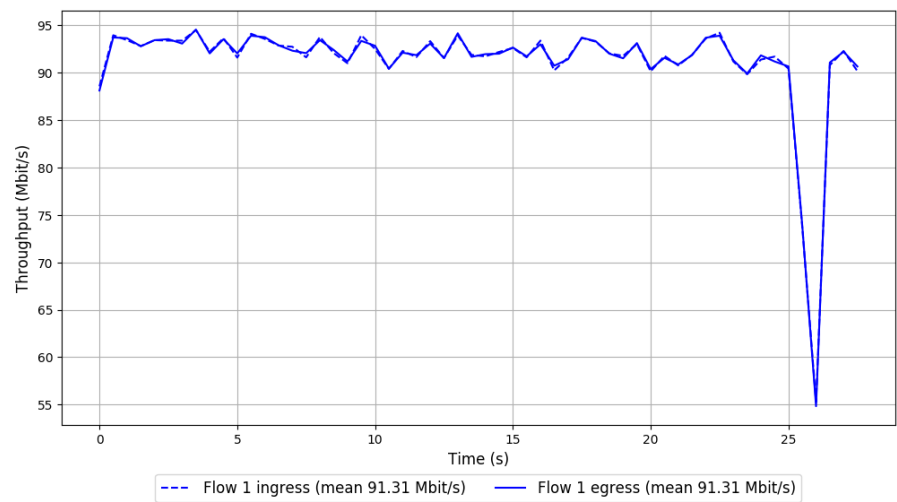
-- Flow 1:

Average throughput: 91.31 Mbit/s

95th percentile per-packet one-way delay: 4.160 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-01-25 11:20:40

End at: 2018-01-25 11:21:10

Local clock offset: 0.264 ms

Remote clock offset: 0.607 ms

Below is generated by plot.py at 2018-01-25 12:30:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.36 Mbit/s

95th percentile per-packet one-way delay: 4.217 ms

Loss rate: 0.00%

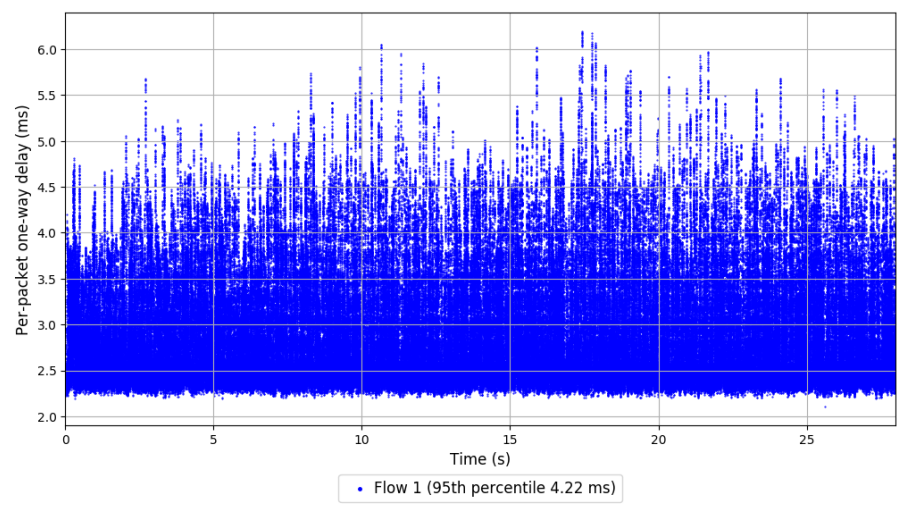
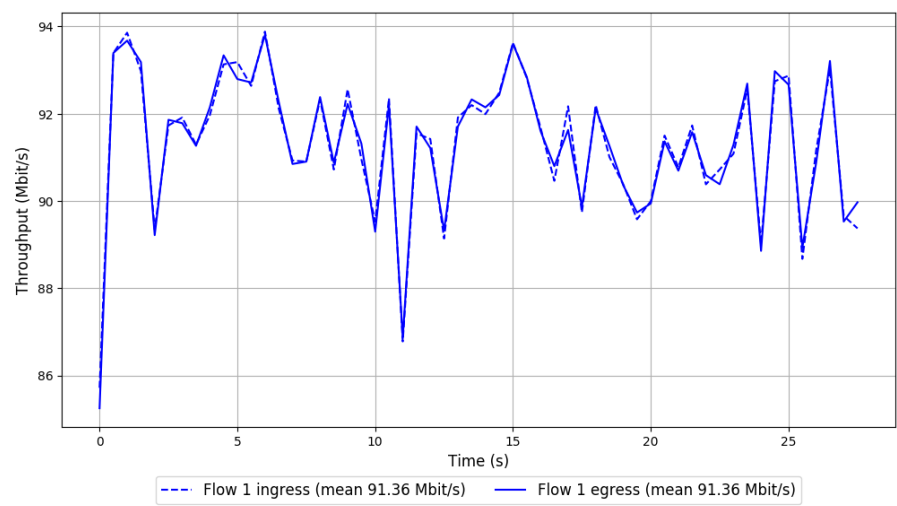
-- Flow 1:

Average throughput: 91.36 Mbit/s

95th percentile per-packet one-way delay: 4.217 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-01-25 11:38:48

End at: 2018-01-25 11:39:18

Local clock offset: 0.303 ms

Remote clock offset: 0.736 ms

Below is generated by plot.py at 2018-01-25 12:30:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.27 Mbit/s

95th percentile per-packet one-way delay: 4.269 ms

Loss rate: 0.00%

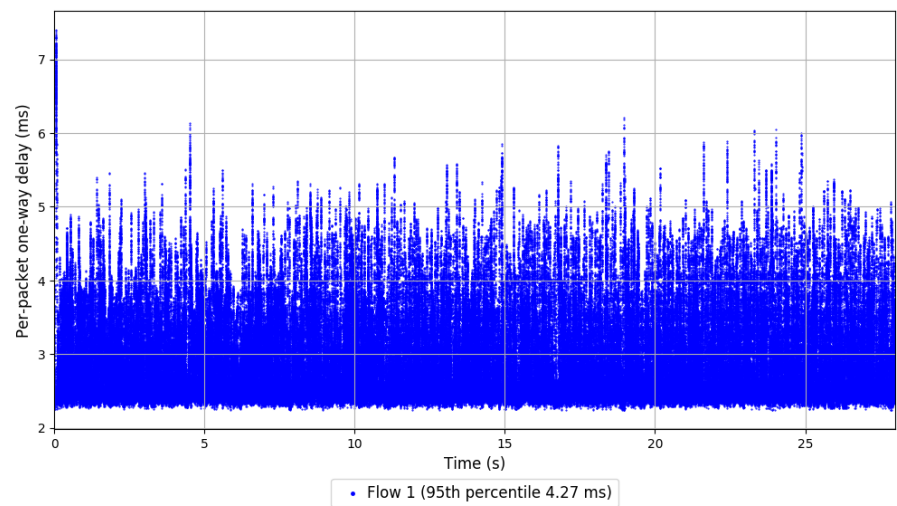
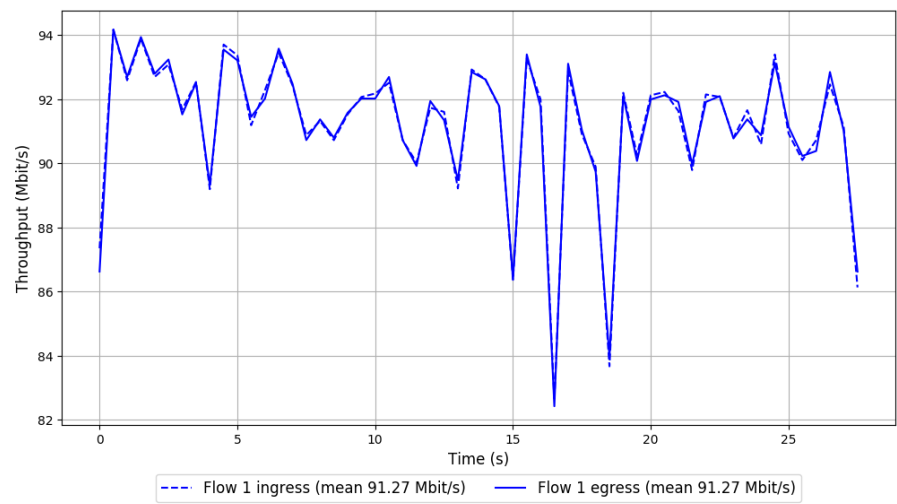
-- Flow 1:

Average throughput: 91.27 Mbit/s

95th percentile per-packet one-way delay: 4.269 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of Indigo-2-256

Start at: 2018-01-25 08:58:47

End at: 2018-01-25 08:59:17

Local clock offset: 0.408 ms

Remote clock offset: -0.237 ms

Below is generated by plot.py at 2018-01-25 12:30:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 8.147 ms

Loss rate: 0.00%

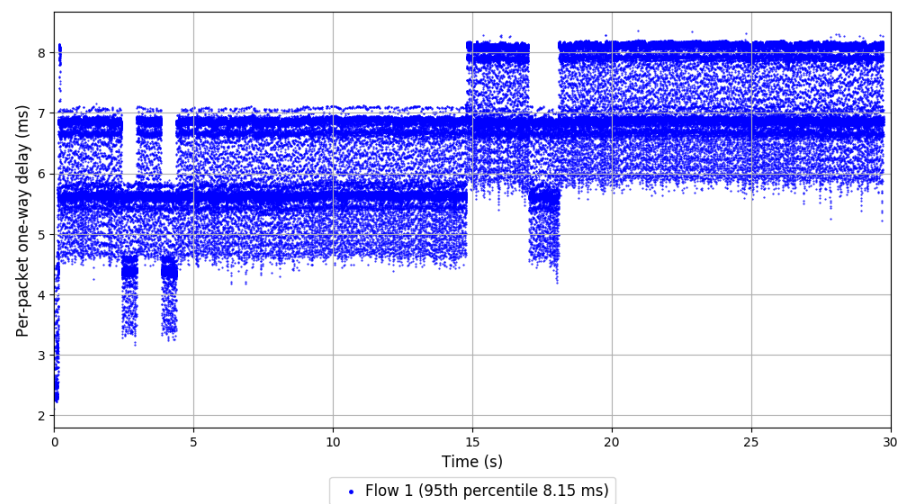
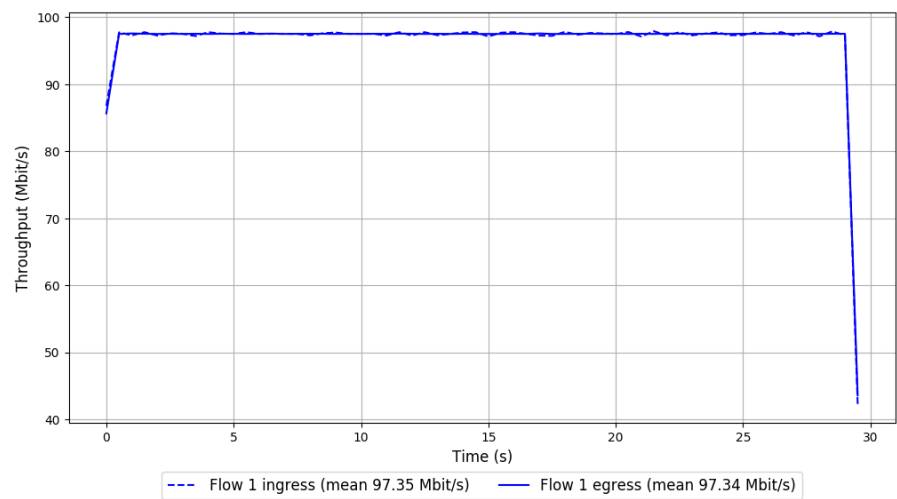
-- Flow 1:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 8.147 ms

Loss rate: 0.00%

Run 1: Report of Indigo-2-256 — Data Link

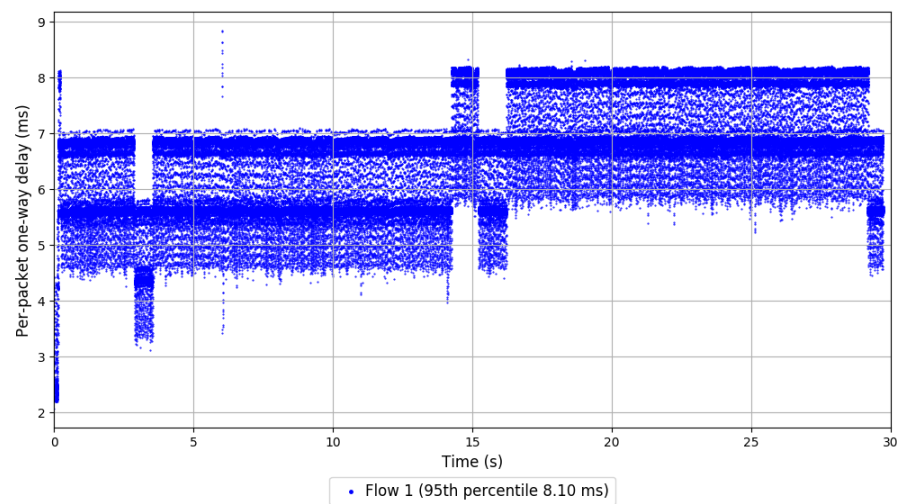
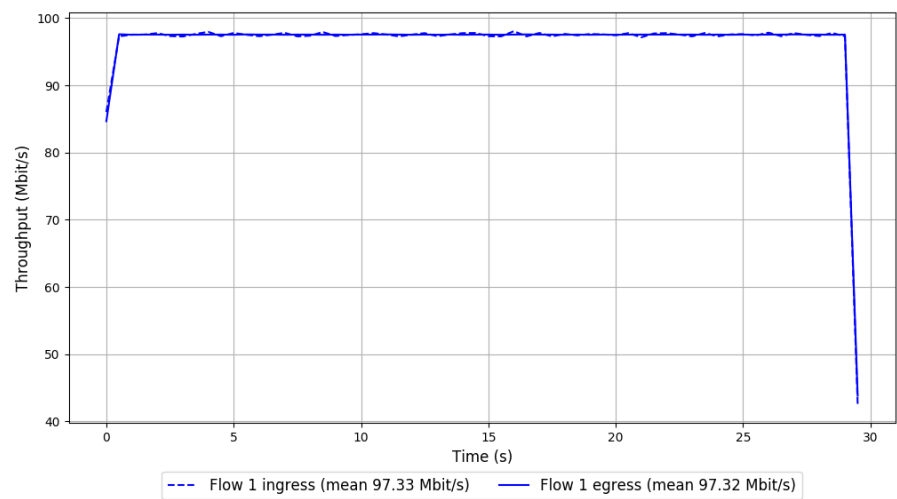


Run 2: Statistics of Indigo-2-256

Start at: 2018-01-25 09:16:57
End at: 2018-01-25 09:17:27
Local clock offset: 0.389 ms
Remote clock offset: -0.221 ms

Below is generated by plot.py at 2018-01-25 12:30:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 8.101 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 8.101 ms
Loss rate: 0.00%

Run 2: Report of Indigo-2-256 — Data Link



Run 3: Statistics of Indigo-2-256

Start at: 2018-01-25 09:35:07

End at: 2018-01-25 09:35:37

Local clock offset: 0.307 ms

Remote clock offset: -0.141 ms

Below is generated by plot.py at 2018-01-25 12:30:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 8.243 ms

Loss rate: 0.00%

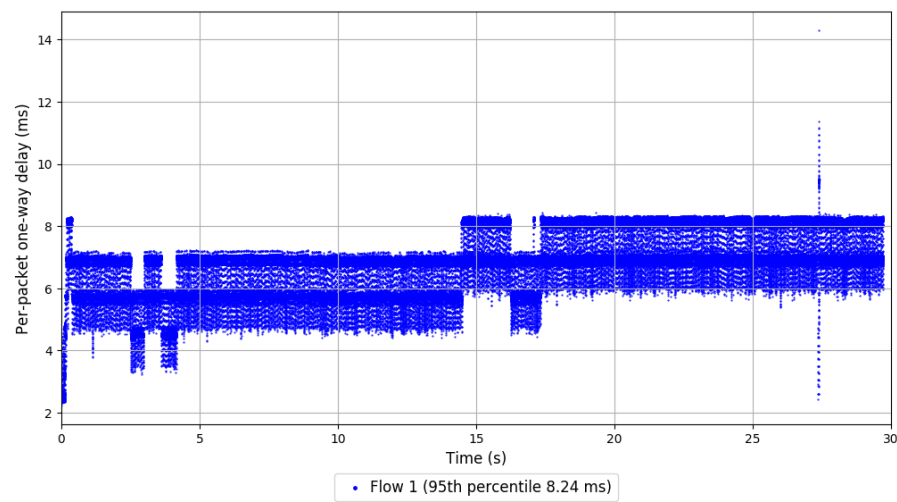
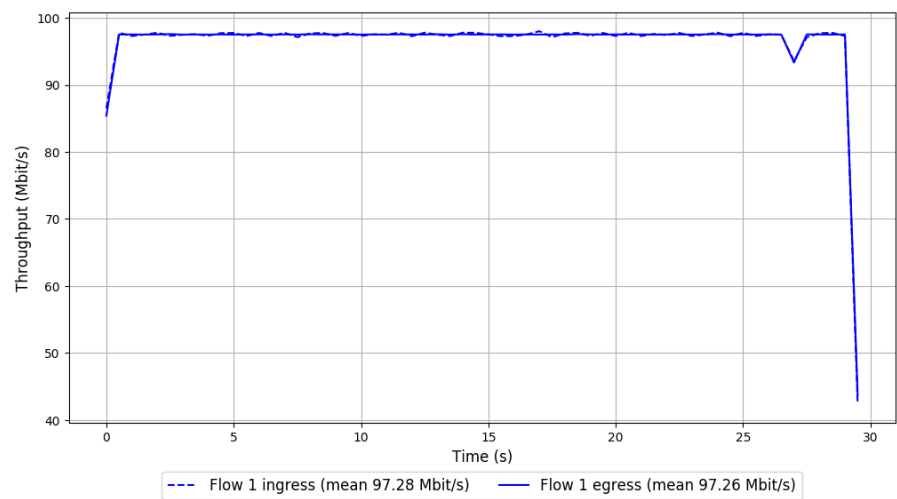
-- Flow 1:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 8.243 ms

Loss rate: 0.00%

Run 3: Report of Indigo-2-256 — Data Link



Run 4: Statistics of Indigo-2-256

Start at: 2018-01-25 09:53:17

End at: 2018-01-25 09:53:47

Local clock offset: 0.33 ms

Remote clock offset: 0.037 ms

Below is generated by plot.py at 2018-01-25 12:30:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 8.186 ms

Loss rate: 0.00%

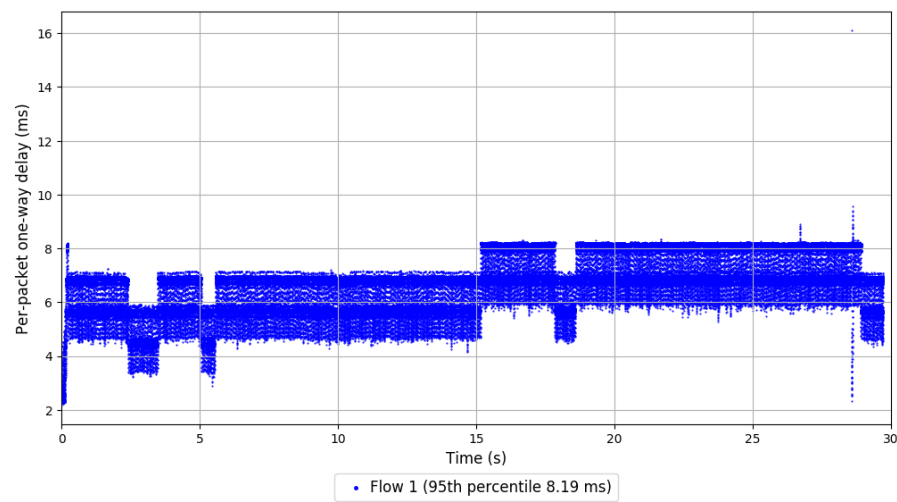
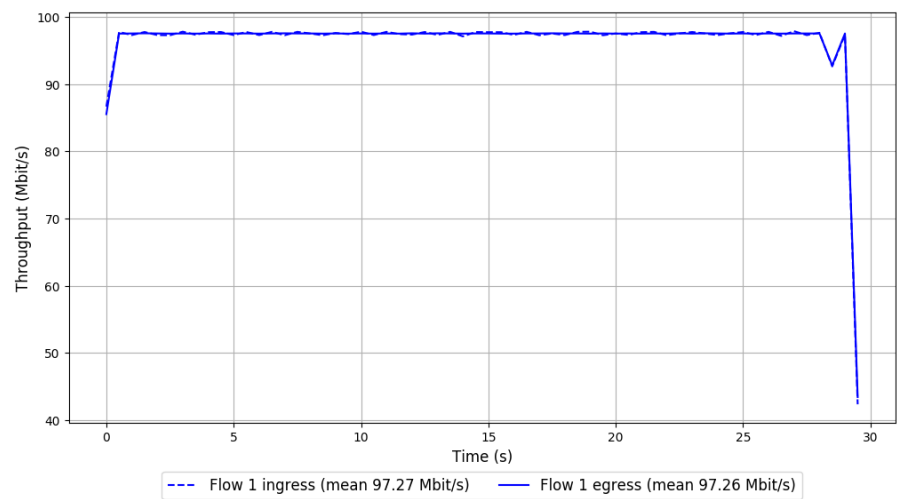
-- Flow 1:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 8.186 ms

Loss rate: 0.00%

Run 4: Report of Indigo-2-256 — Data Link



Run 5: Statistics of Indigo-2-256

Start at: 2018-01-25 10:11:28

End at: 2018-01-25 10:11:58

Local clock offset: 0.123 ms

Remote clock offset: 0.255 ms

Below is generated by plot.py at 2018-01-25 12:30:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 8.025 ms

Loss rate: 0.00%

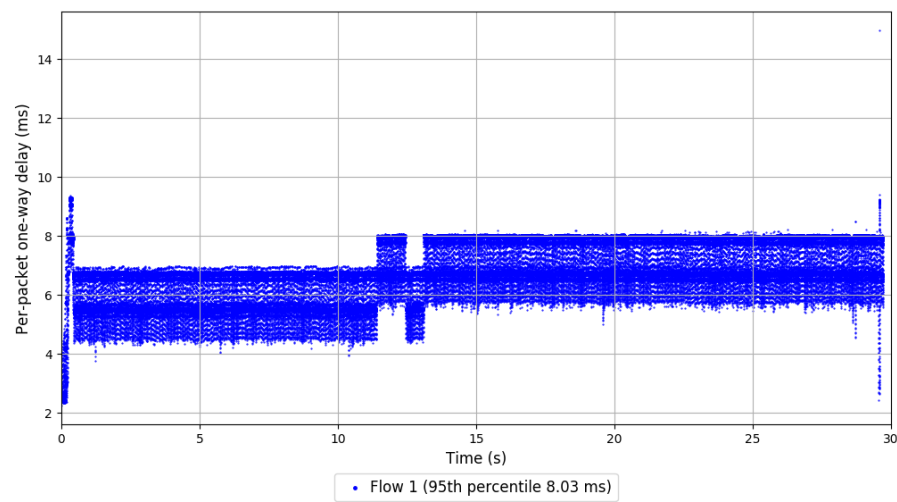
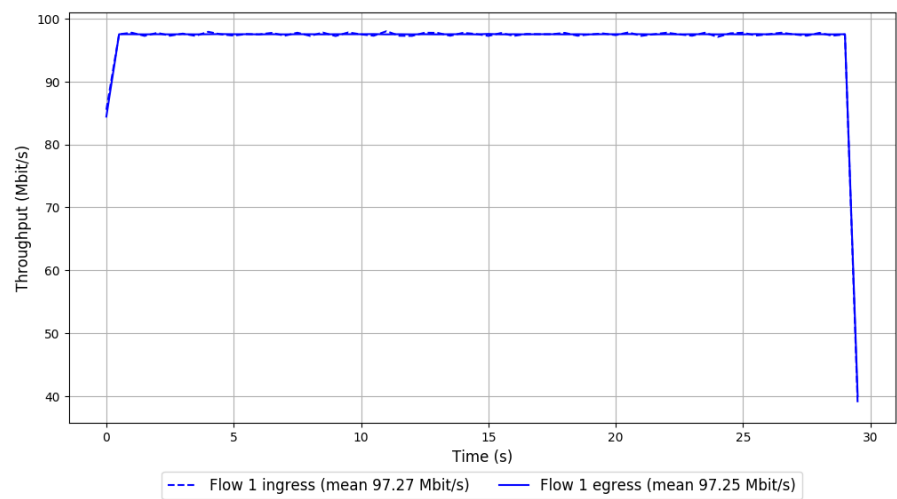
-- Flow 1:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 8.025 ms

Loss rate: 0.00%

Run 5: Report of Indigo-2-256 — Data Link



Run 6: Statistics of Indigo-2-256

Start at: 2018-01-25 10:29:38

End at: 2018-01-25 10:30:08

Local clock offset: 0.092 ms

Remote clock offset: 0.324 ms

Below is generated by plot.py at 2018-01-25 12:30:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 8.197 ms

Loss rate: 0.00%

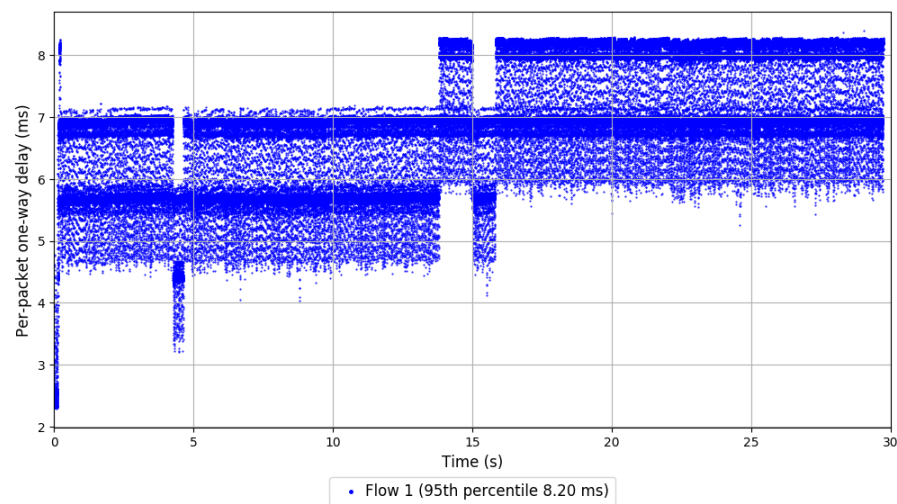
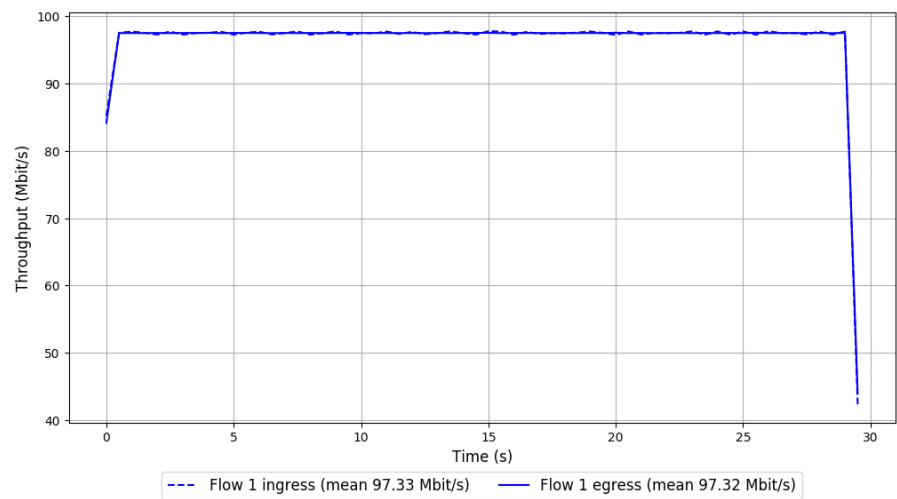
-- Flow 1:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 8.197 ms

Loss rate: 0.00%

Run 6: Report of Indigo-2-256 — Data Link



Run 7: Statistics of Indigo-2-256

Start at: 2018-01-25 10:47:49

End at: 2018-01-25 10:48:19

Local clock offset: 0.17 ms

Remote clock offset: 0.477 ms

Below is generated by plot.py at 2018-01-25 12:31:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 8.172 ms

Loss rate: 0.00%

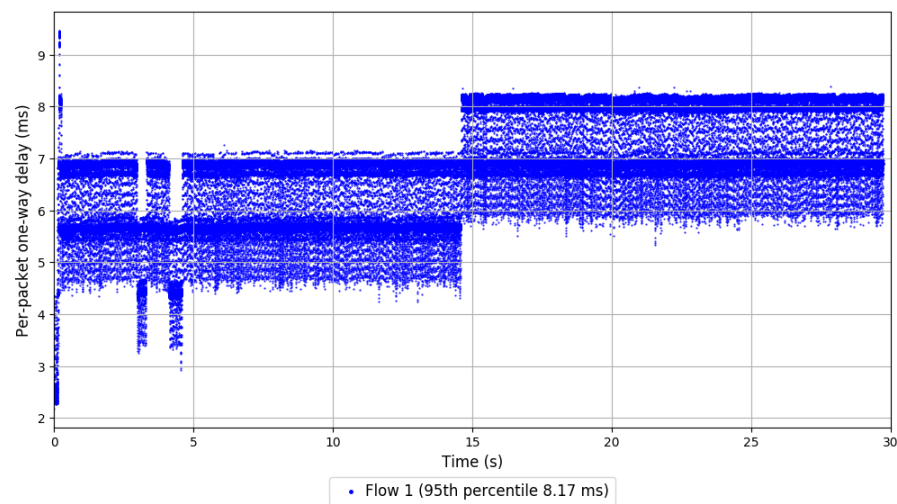
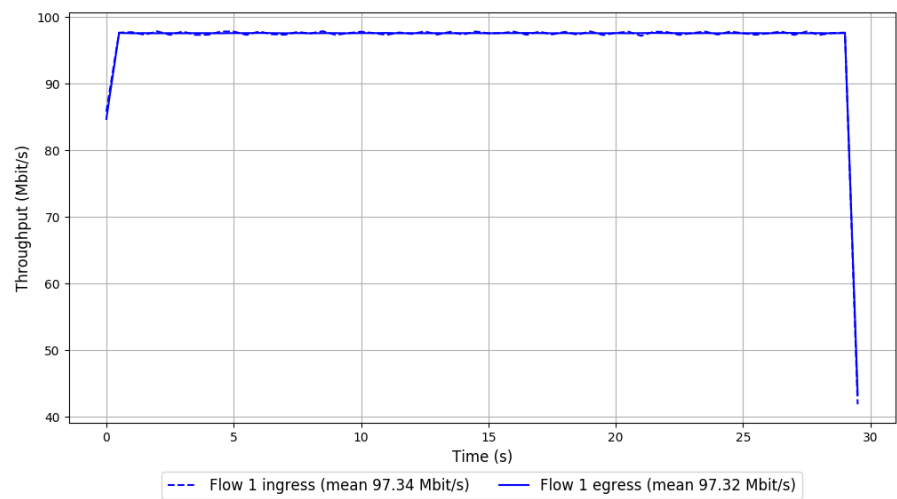
-- Flow 1:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 8.172 ms

Loss rate: 0.00%

Run 7: Report of Indigo-2-256 — Data Link



Run 8: Statistics of Indigo-2-256

Start at: 2018-01-25 11:05:59

End at: 2018-01-25 11:06:29

Local clock offset: 0.241 ms

Remote clock offset: 0.576 ms

Below is generated by plot.py at 2018-01-25 12:31:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 8.152 ms

Loss rate: 0.00%

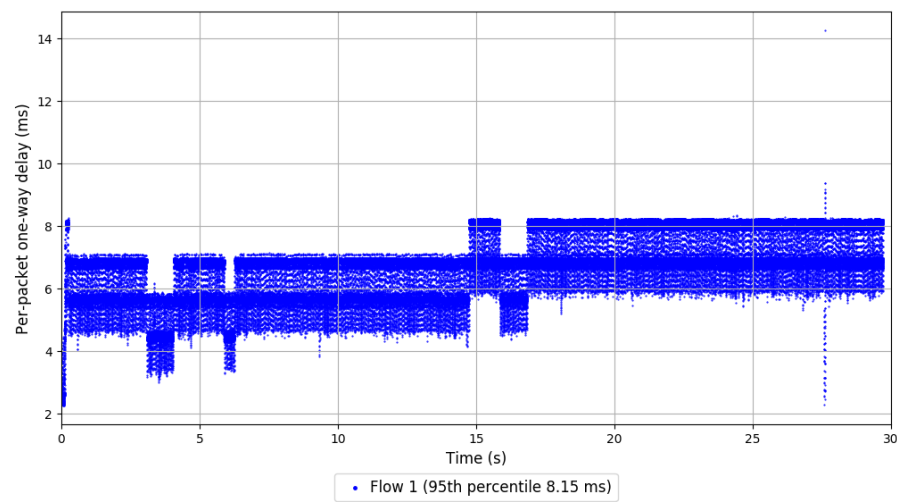
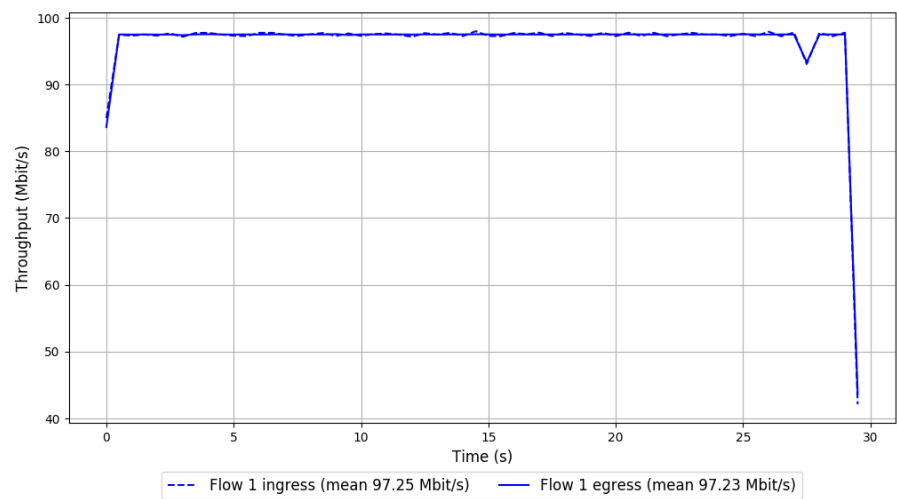
-- Flow 1:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 8.152 ms

Loss rate: 0.00%

Run 8: Report of Indigo-2-256 — Data Link



Run 9: Statistics of Indigo-2-256

Start at: 2018-01-25 11:24:08

End at: 2018-01-25 11:24:38

Local clock offset: 0.263 ms

Remote clock offset: 0.685 ms

Below is generated by plot.py at 2018-01-25 12:31:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 8.175 ms

Loss rate: 0.00%

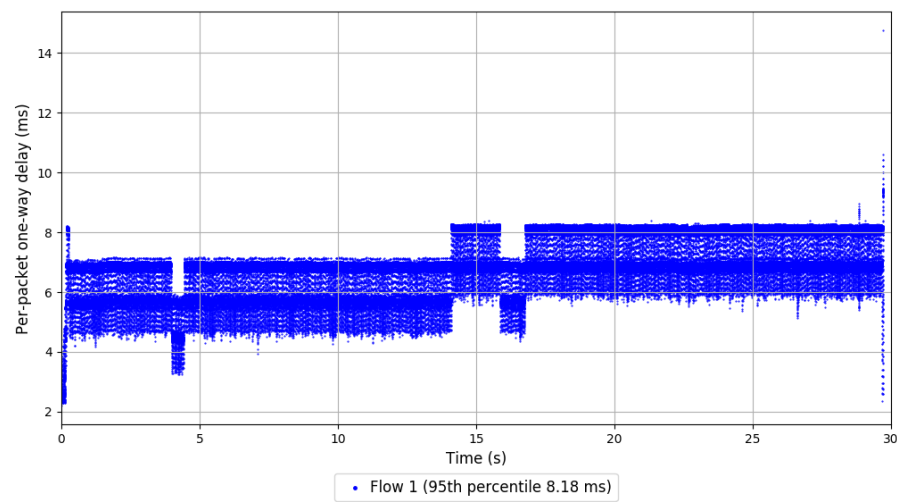
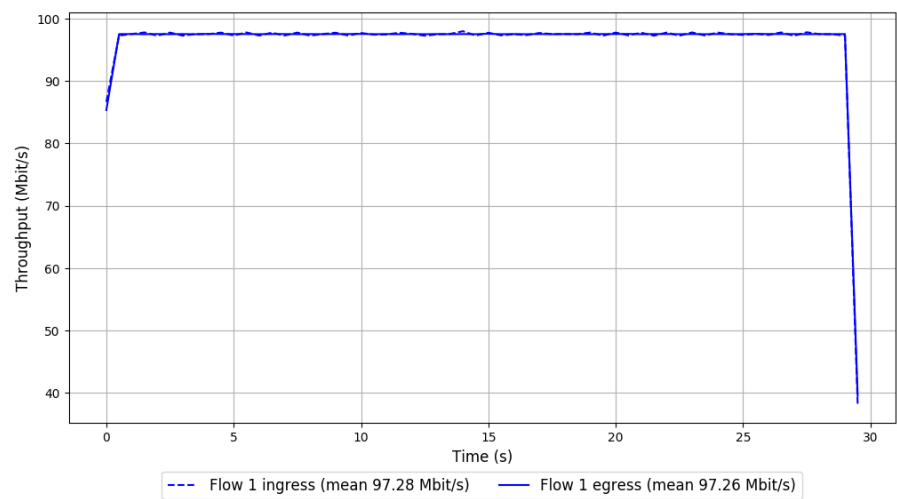
-- Flow 1:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 8.175 ms

Loss rate: 0.00%

Run 9: Report of Indigo-2-256 — Data Link



Run 10: Statistics of Indigo-2-256

Start at: 2018-01-25 11:42:17

End at: 2018-01-25 11:42:47

Local clock offset: 0.215 ms

Remote clock offset: 0.736 ms

Below is generated by plot.py at 2018-01-25 12:31:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 8.255 ms

Loss rate: 0.00%

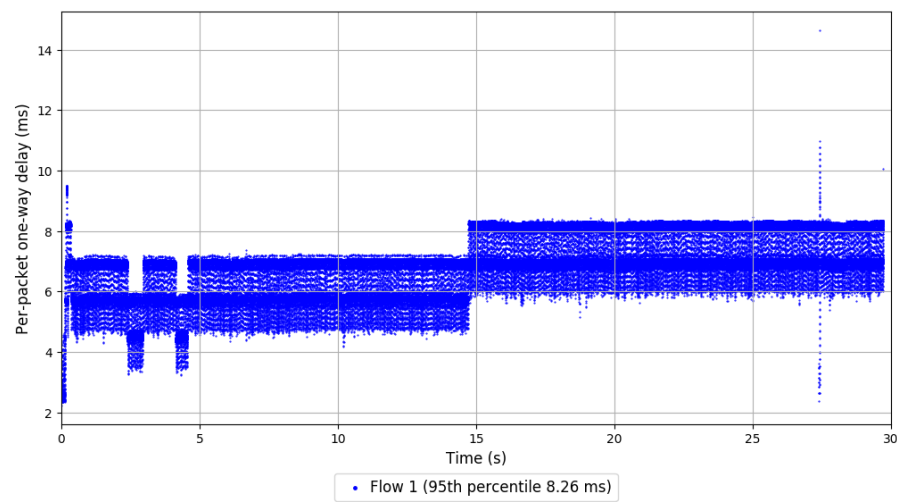
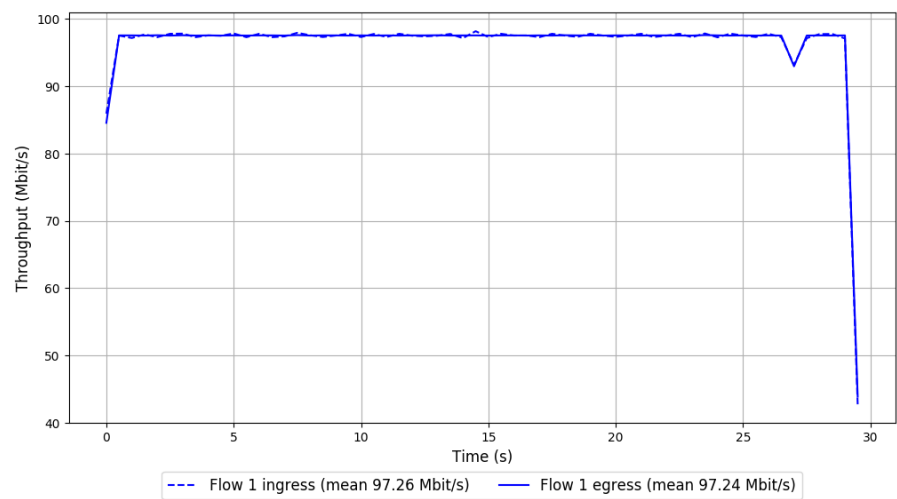
-- Flow 1:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 8.255 ms

Loss rate: 0.00%

Run 10: Report of Indigo-2-256 — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-01-25 08:56:29

End at: 2018-01-25 08:56:59

Local clock offset: 0.435 ms

Remote clock offset: -0.173 ms

Below is generated by plot.py at 2018-01-25 12:31:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.37 Mbit/s

95th percentile per-packet one-way delay: 5.216 ms

Loss rate: 0.00%

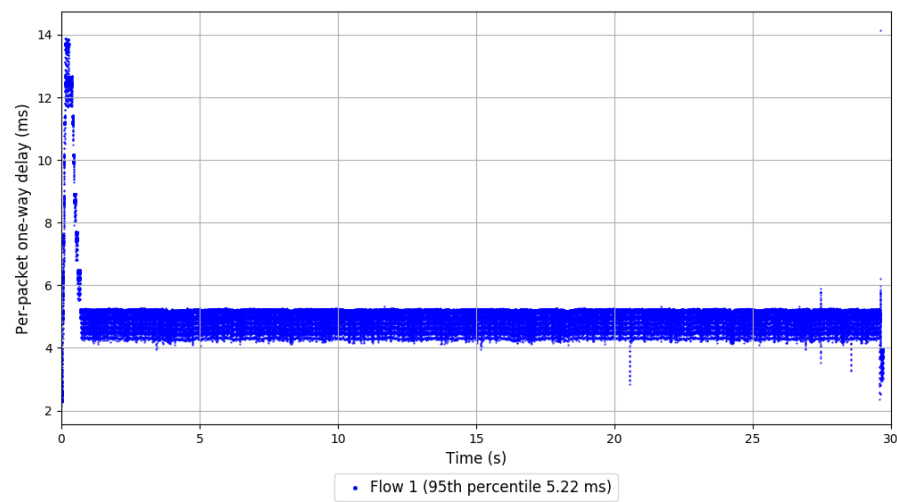
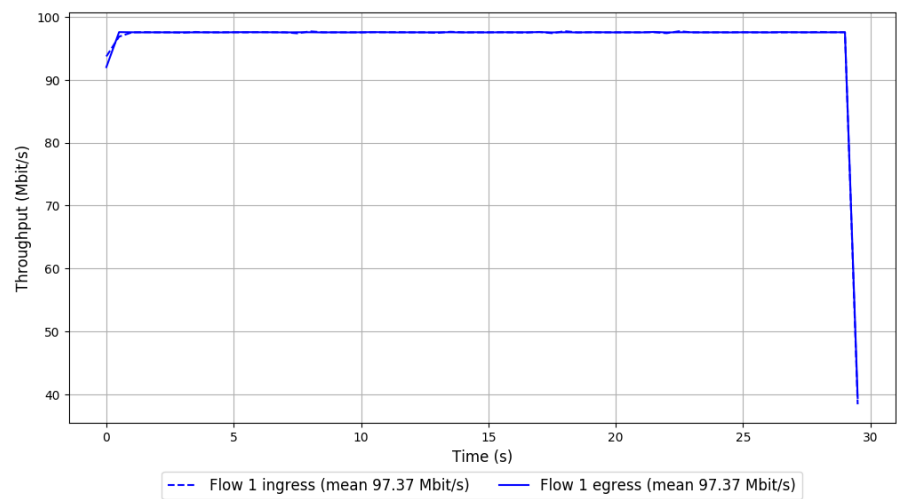
-- Flow 1:

Average throughput: 97.37 Mbit/s

95th percentile per-packet one-way delay: 5.216 ms

Loss rate: 0.00%

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

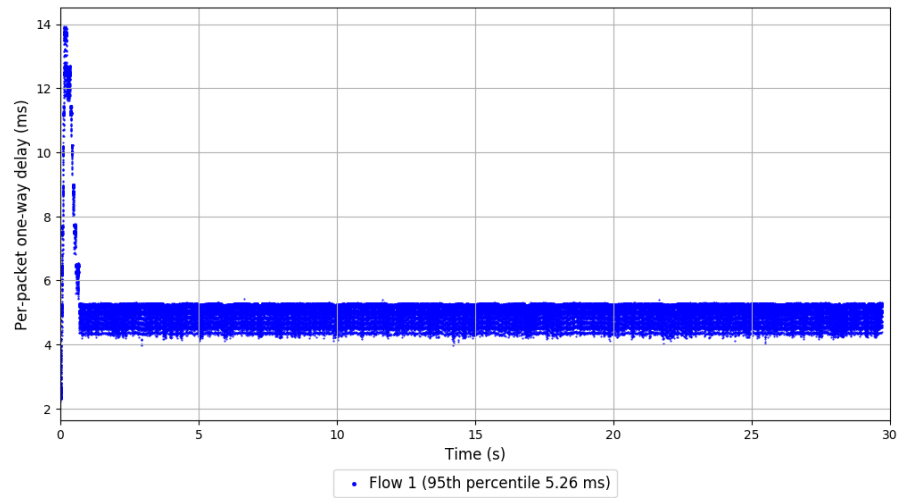
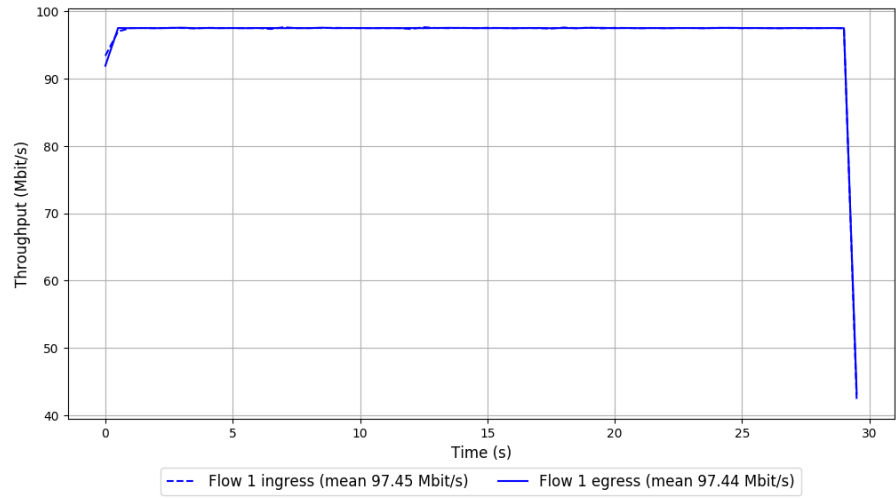


Run 2: Statistics of Indigo-1-32

Start at: 2018-01-25 09:14:39
End at: 2018-01-25 09:15:09
Local clock offset: 0.322 ms
Remote clock offset: -0.156 ms

Below is generated by plot.py at 2018-01-25 12:31:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 5.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 5.263 ms
Loss rate: 0.00%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-01-25 09:32:49

End at: 2018-01-25 09:33:19

Local clock offset: 0.396 ms

Remote clock offset: -0.141 ms

Below is generated by plot.py at 2018-01-25 12:31:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 5.171 ms

Loss rate: 0.00%

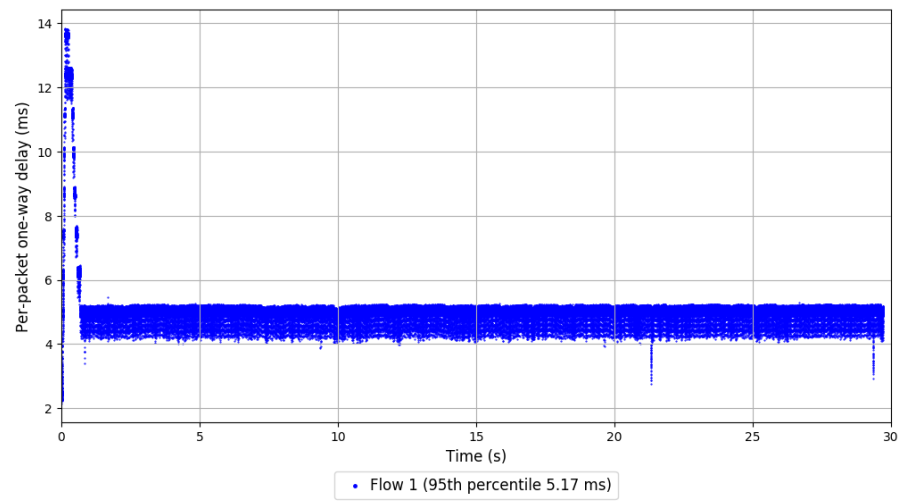
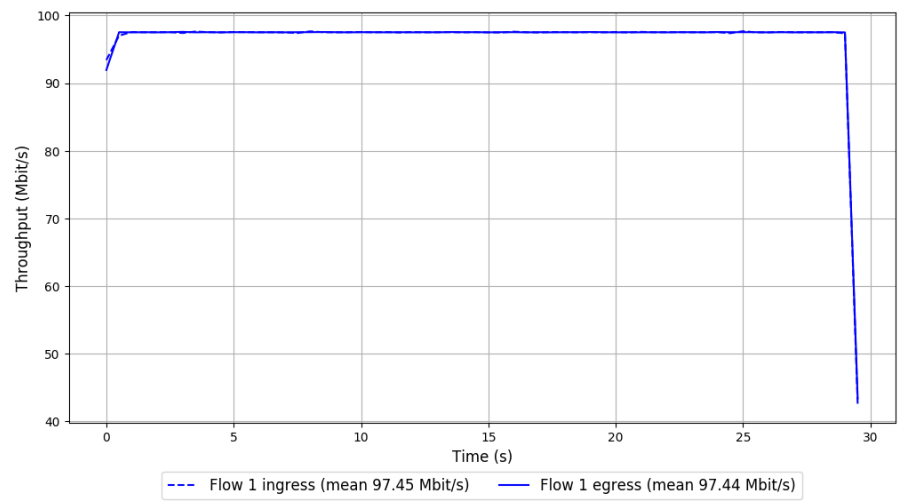
-- Flow 1:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 5.171 ms

Loss rate: 0.00%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-01-25 09:50:59

End at: 2018-01-25 09:51:29

Local clock offset: 0.291 ms

Remote clock offset: 0.005 ms

Below is generated by plot.py at 2018-01-25 12:32:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 5.253 ms

Loss rate: 0.00%

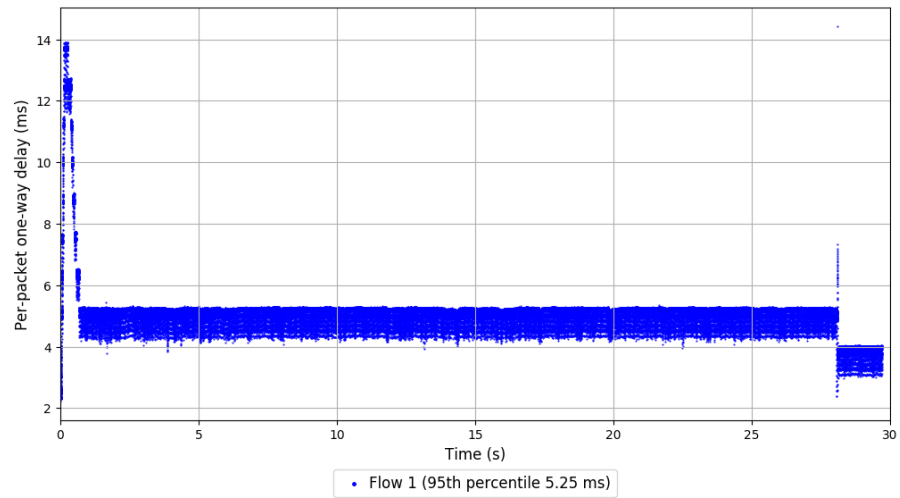
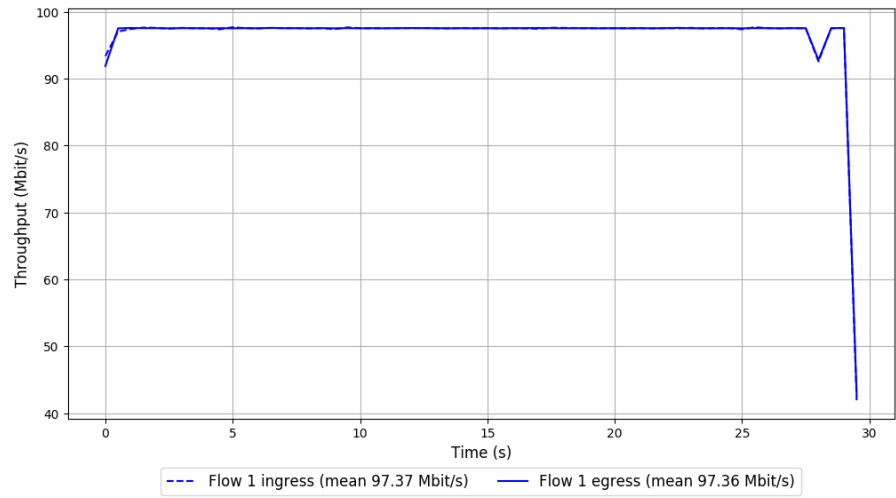
-- Flow 1:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 5.253 ms

Loss rate: 0.00%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-01-25 10:09:10

End at: 2018-01-25 10:09:40

Local clock offset: 0.123 ms

Remote clock offset: 0.232 ms

Below is generated by plot.py at 2018-01-25 12:32:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 5.288 ms

Loss rate: 0.00%

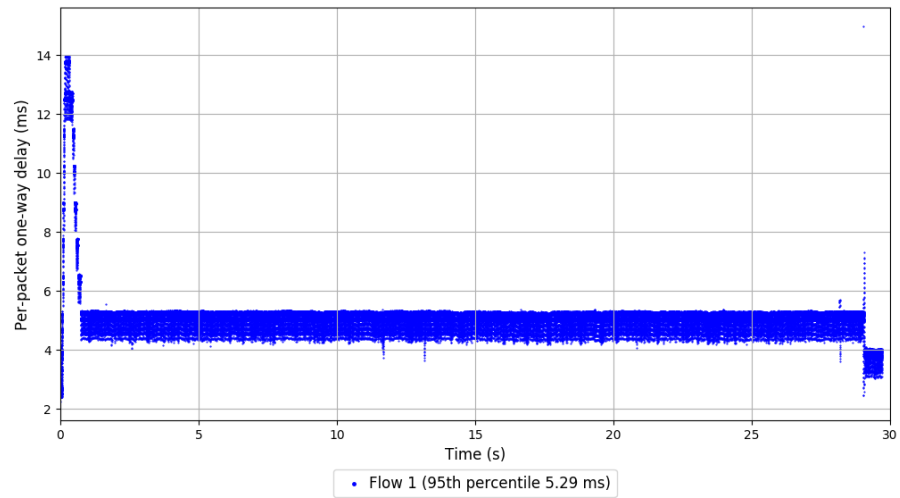
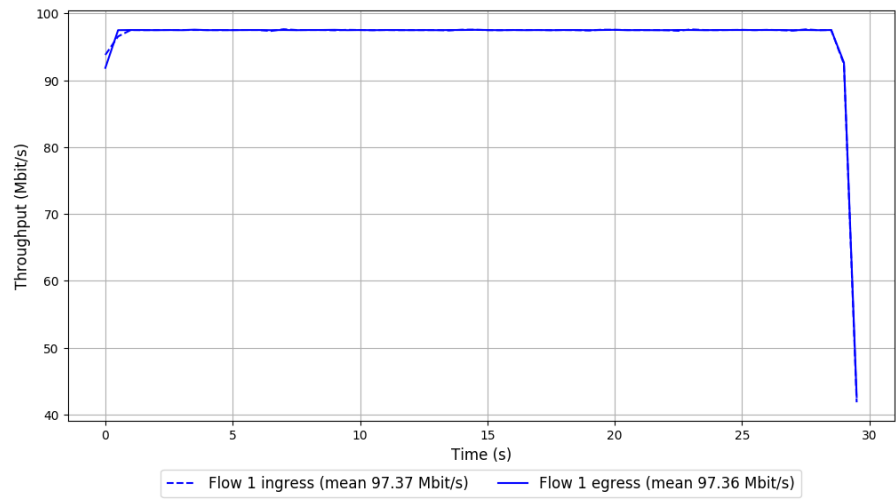
-- Flow 1:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 5.288 ms

Loss rate: 0.00%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-01-25 10:27:20

End at: 2018-01-25 10:27:50

Local clock offset: 0.158 ms

Remote clock offset: 0.363 ms

Below is generated by plot.py at 2018-01-25 12:33:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 5.198 ms

Loss rate: 0.00%

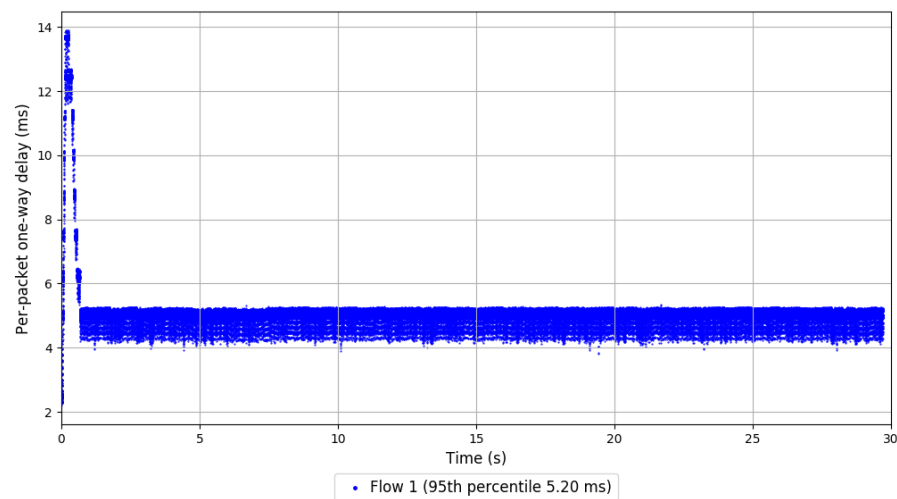
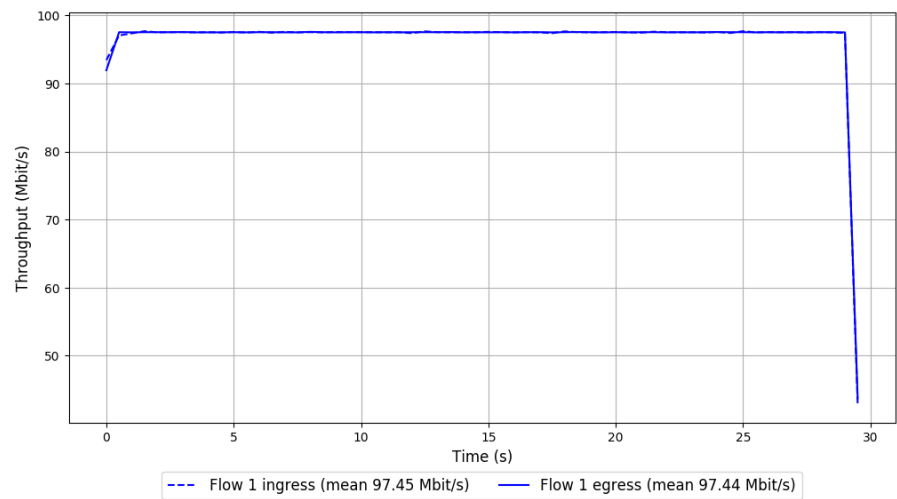
-- Flow 1:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 5.198 ms

Loss rate: 0.00%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-01-25 10:45:31

End at: 2018-01-25 10:46:01

Local clock offset: 0.173 ms

Remote clock offset: 0.457 ms

Below is generated by plot.py at 2018-01-25 12:33:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 5.180 ms

Loss rate: 0.00%

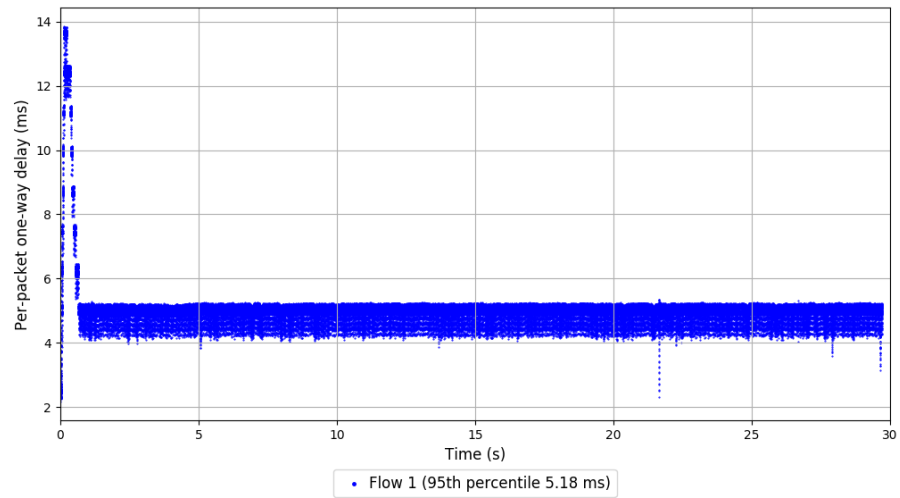
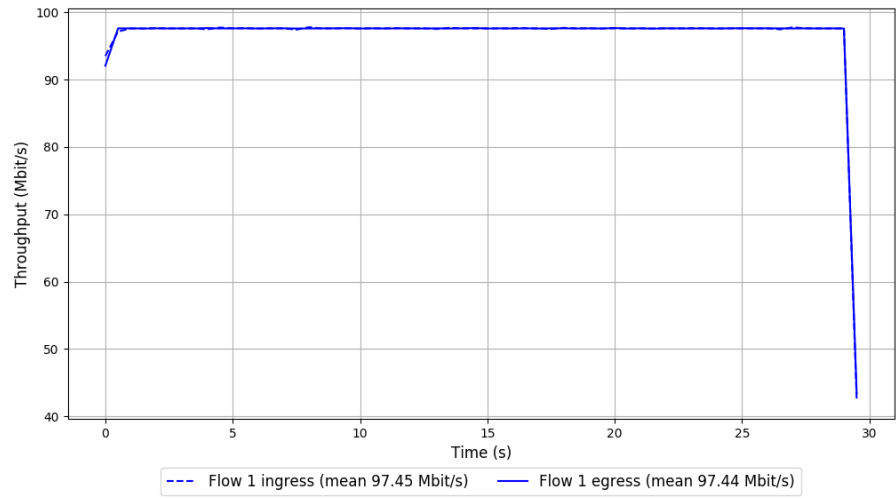
-- Flow 1:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 5.180 ms

Loss rate: 0.00%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-01-25 11:03:41

End at: 2018-01-25 11:04:11

Local clock offset: 0.133 ms

Remote clock offset: 0.588 ms

Below is generated by plot.py at 2018-01-25 12:33:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 5.281 ms

Loss rate: 0.00%

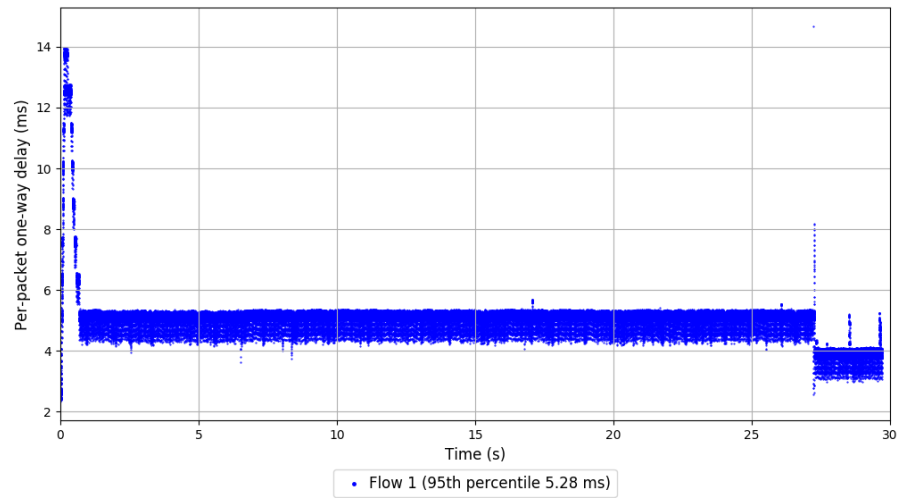
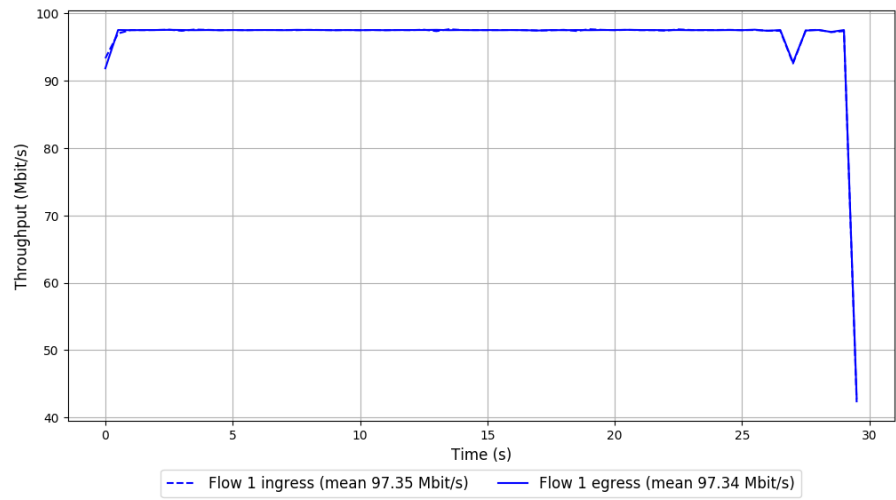
-- Flow 1:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 5.281 ms

Loss rate: 0.00%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-01-25 11:21:51

End at: 2018-01-25 11:22:21

Local clock offset: 0.206 ms

Remote clock offset: 0.671 ms

Below is generated by plot.py at 2018-01-25 12:33:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 7.520 ms

Loss rate: 0.01%

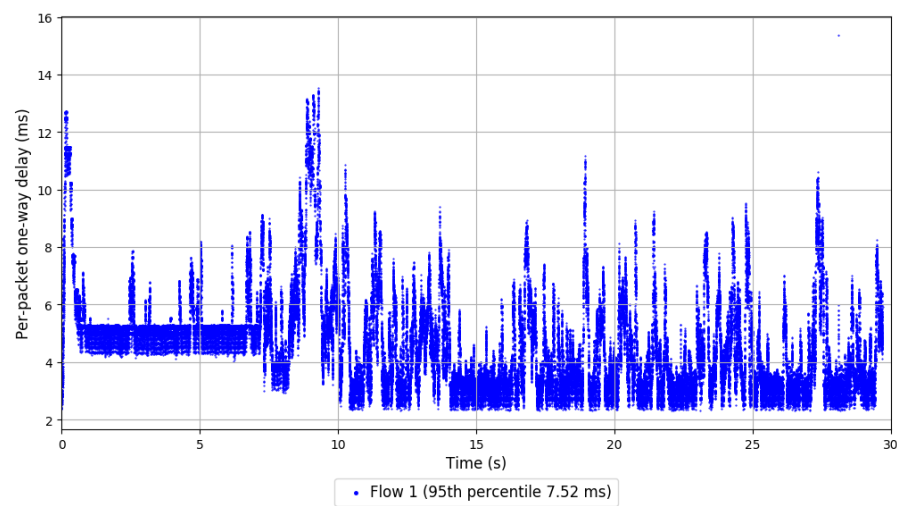
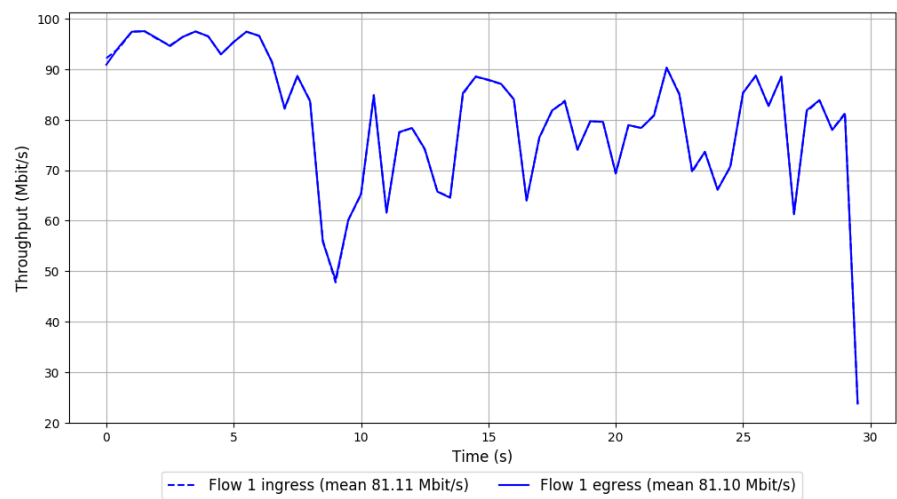
-- Flow 1:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 7.520 ms

Loss rate: 0.01%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-01-25 11:39:59

End at: 2018-01-25 11:40:29

Local clock offset: 0.311 ms

Remote clock offset: 0.729 ms

Below is generated by plot.py at 2018-01-25 12:33:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 5.176 ms

Loss rate: 0.00%

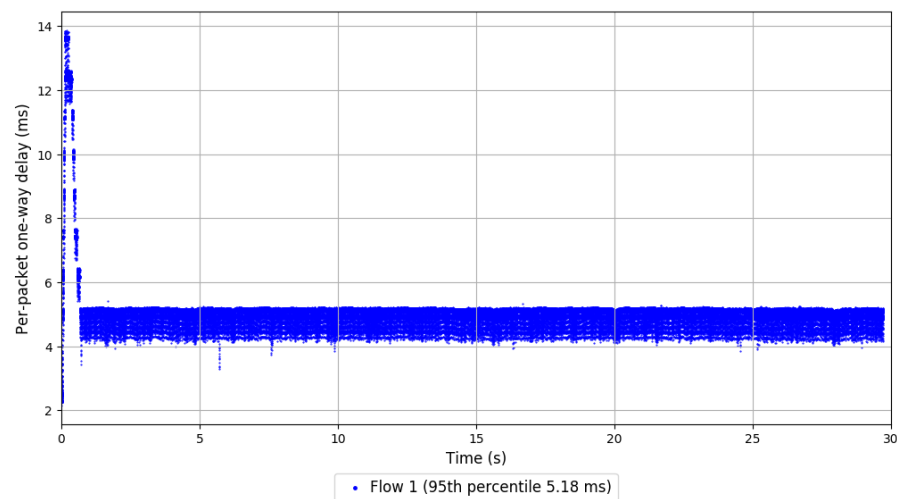
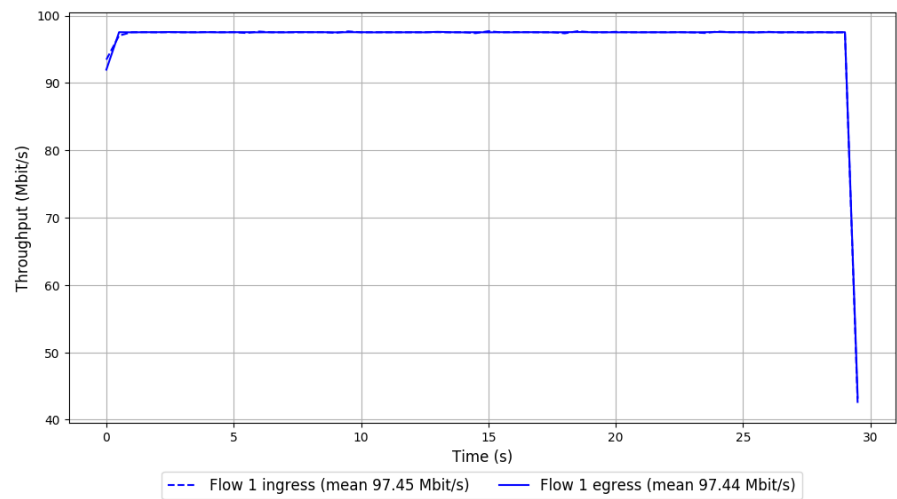
-- Flow 1:

Average throughput: 97.44 Mbit/s

95th percentile per-packet one-way delay: 5.176 ms

Loss rate: 0.00%

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



Run 1: Statistics of Indigo-1-128

Start at: 2018-01-25 08:47:25

End at: 2018-01-25 08:47:55

Local clock offset: 0.463 ms

Remote clock offset: -0.182 ms

Below is generated by plot.py at 2018-01-25 12:33:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 5.160 ms

Loss rate: 0.00%

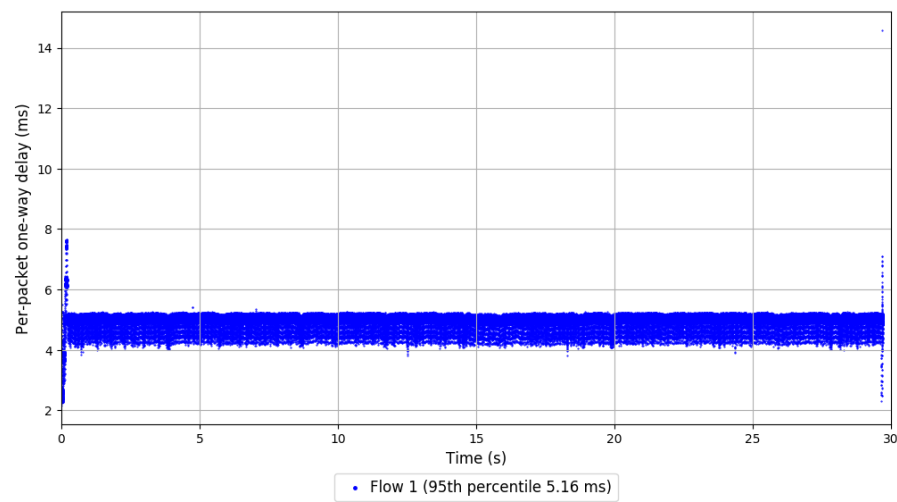
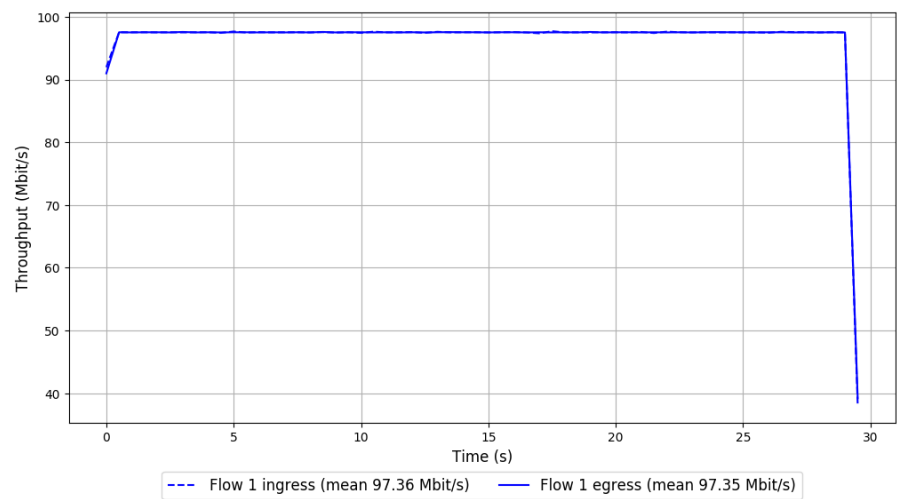
-- Flow 1:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 5.160 ms

Loss rate: 0.00%

Run 1: Report of Indigo-1-128 — Data Link



Run 2: Statistics of Indigo-1-128

Start at: 2018-01-25 09:05:35

End at: 2018-01-25 09:06:05

Local clock offset: 0.309 ms

Remote clock offset: -0.148 ms

Below is generated by plot.py at 2018-01-25 12:33:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 5.281 ms

Loss rate: 0.00%

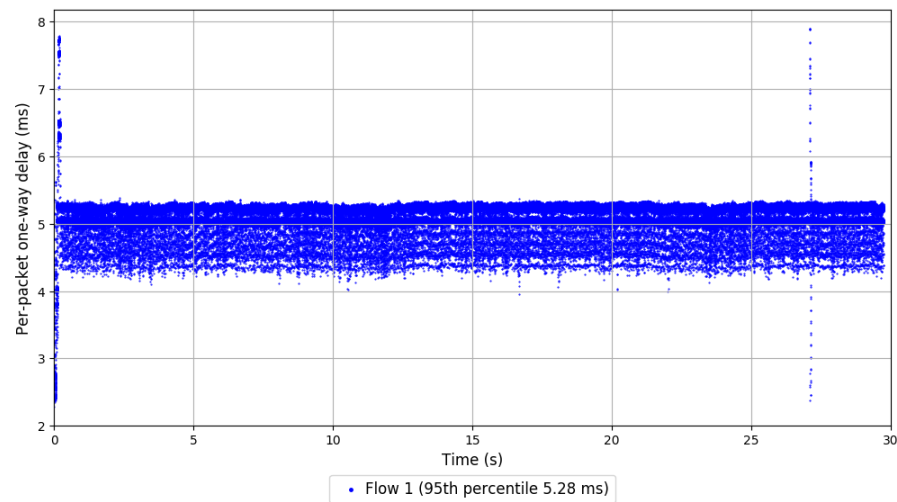
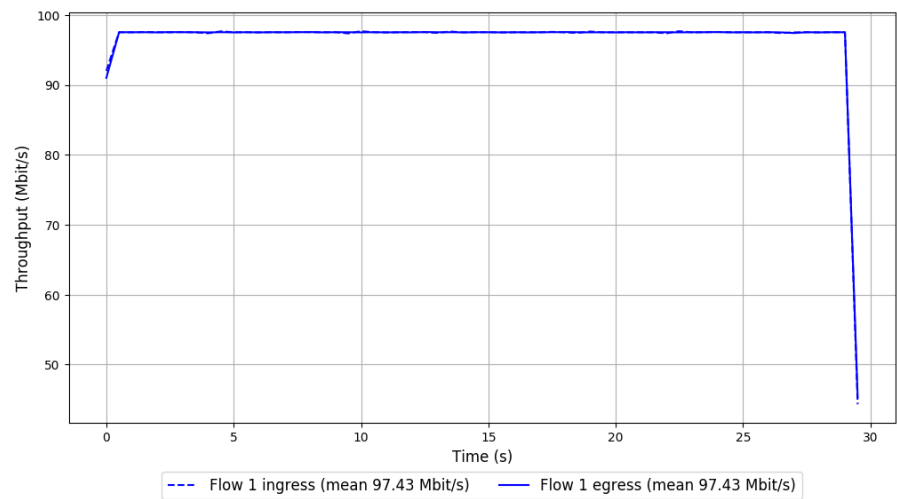
-- Flow 1:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 5.281 ms

Loss rate: 0.00%

Run 2: Report of Indigo-1-128 — Data Link



Run 3: Statistics of Indigo-1-128

Start at: 2018-01-25 09:23:46

End at: 2018-01-25 09:24:16

Local clock offset: 0.385 ms

Remote clock offset: -0.157 ms

Below is generated by plot.py at 2018-01-25 12:34:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.85 Mbit/s

95th percentile per-packet one-way delay: 5.162 ms

Loss rate: 0.00%

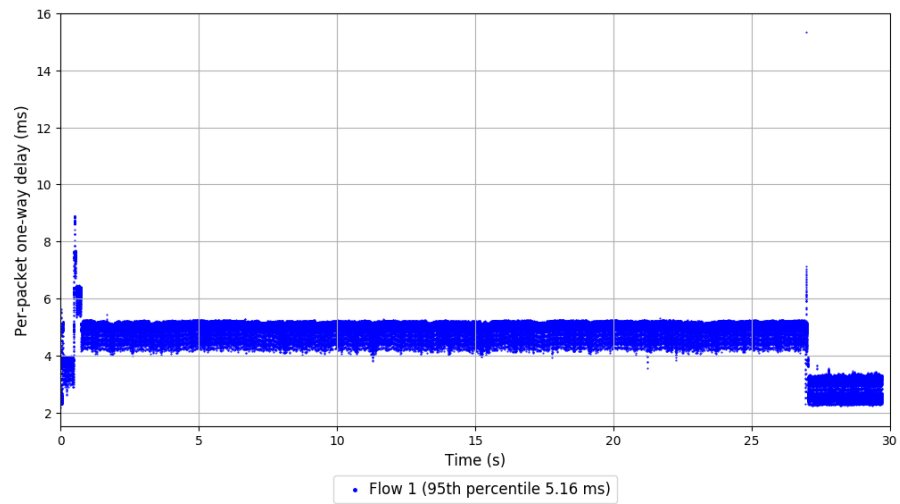
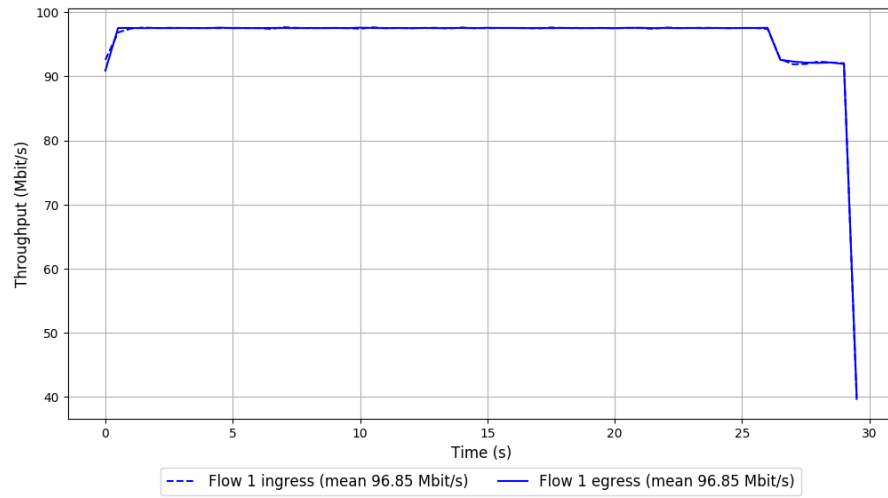
-- Flow 1:

Average throughput: 96.85 Mbit/s

95th percentile per-packet one-way delay: 5.162 ms

Loss rate: 0.00%

Run 3: Report of Indigo-1-128 — Data Link



Run 4: Statistics of Indigo-1-128

Start at: 2018-01-25 09:41:56

End at: 2018-01-25 09:42:26

Local clock offset: 0.378 ms

Remote clock offset: -0.193 ms

Below is generated by plot.py at 2018-01-25 12:34:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 5.169 ms

Loss rate: 0.00%

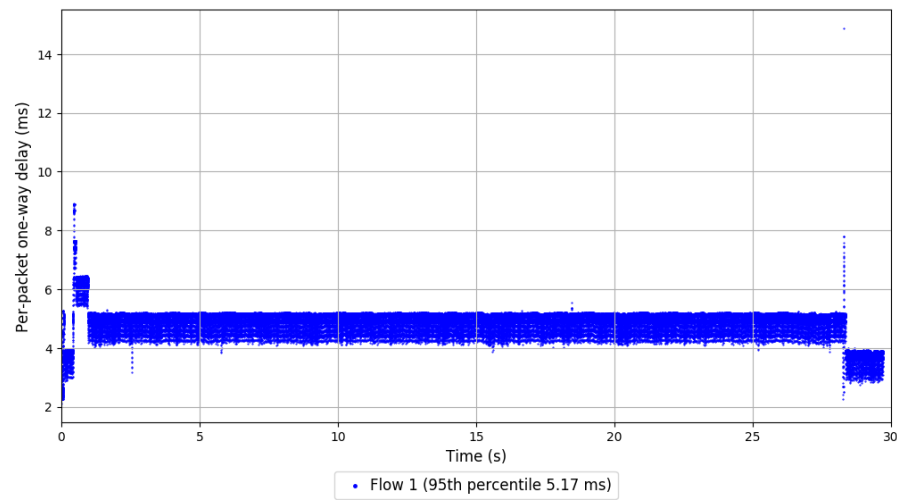
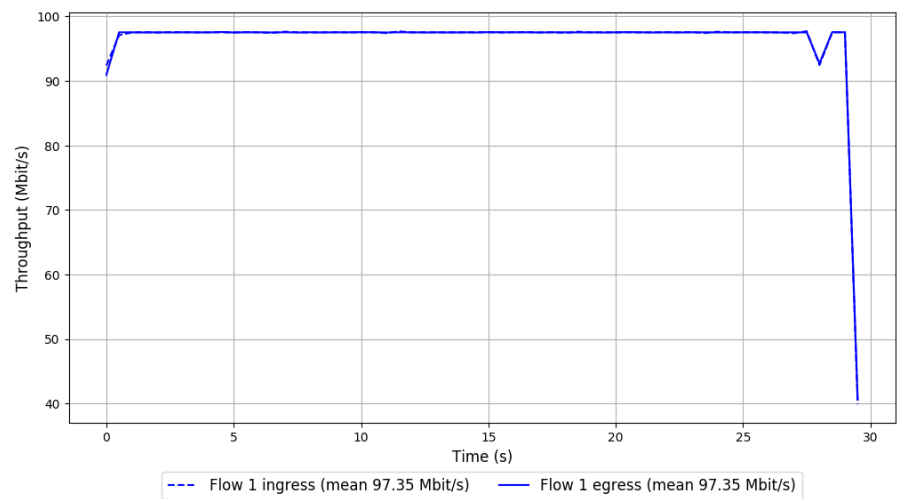
-- Flow 1:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 5.169 ms

Loss rate: 0.00%

Run 4: Report of Indigo-1-128 — Data Link



Run 5: Statistics of Indigo-1-128

Start at: 2018-01-25 10:00:06

End at: 2018-01-25 10:00:36

Local clock offset: 0.223 ms

Remote clock offset: 0.104 ms

Below is generated by plot.py at 2018-01-25 12:34:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 5.210 ms

Loss rate: 0.00%

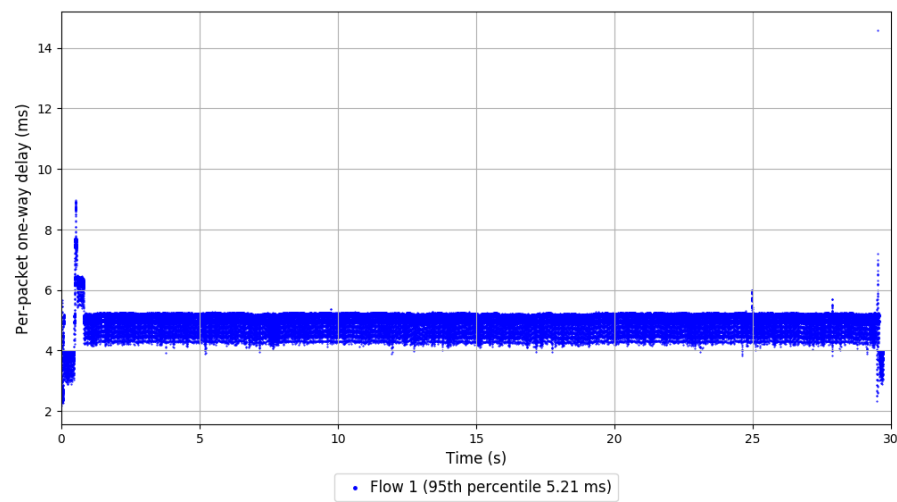
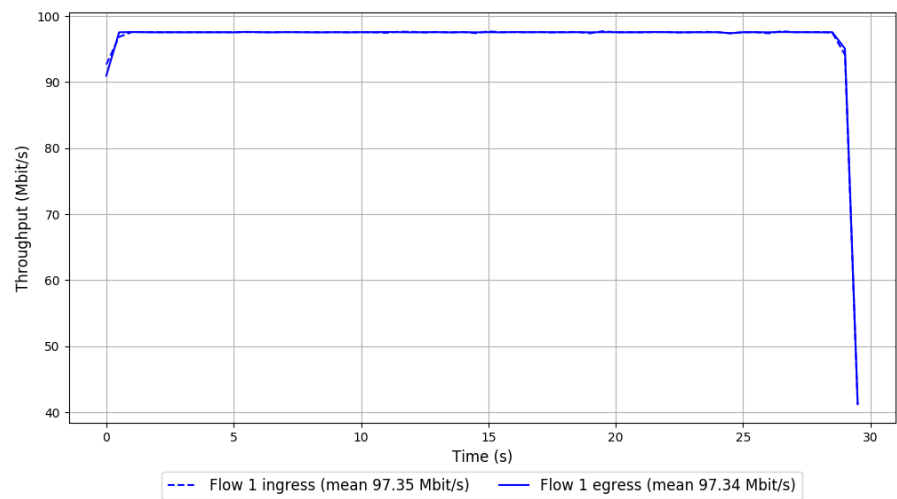
-- Flow 1:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 5.210 ms

Loss rate: 0.00%

Run 5: Report of Indigo-1-128 — Data Link



Run 6: Statistics of Indigo-1-128

Start at: 2018-01-25 10:18:17

End at: 2018-01-25 10:18:47

Local clock offset: 0.083 ms

Remote clock offset: 0.314 ms

Below is generated by plot.py at 2018-01-25 12:34:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 5.265 ms

Loss rate: 0.00%

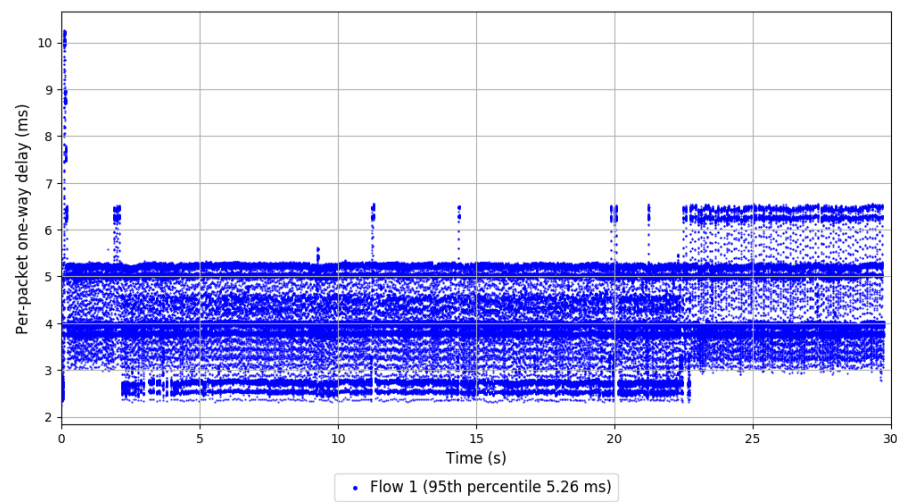
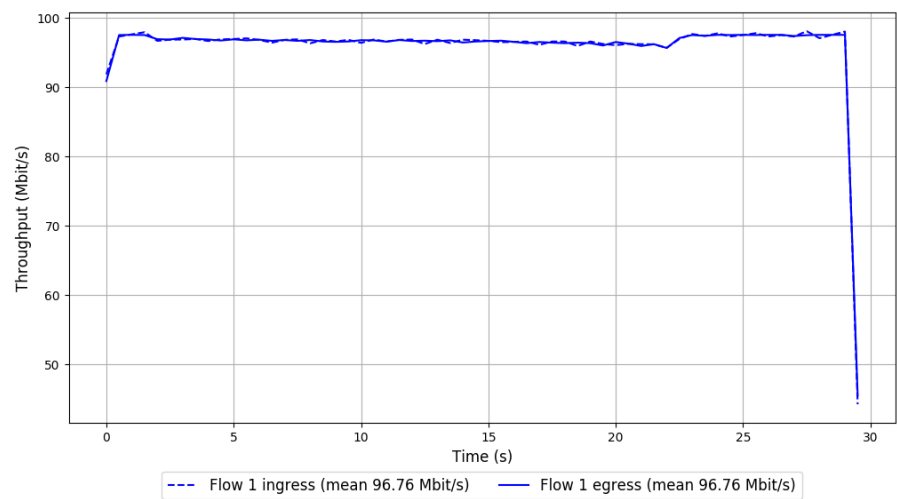
-- Flow 1:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 5.265 ms

Loss rate: 0.00%

Run 6: Report of Indigo-1-128 — Data Link



Run 7: Statistics of Indigo-1-128

Start at: 2018-01-25 10:36:28

End at: 2018-01-25 10:36:58

Local clock offset: 0.174 ms

Remote clock offset: 0.421 ms

Below is generated by plot.py at 2018-01-25 12:34:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 5.144 ms

Loss rate: 0.00%

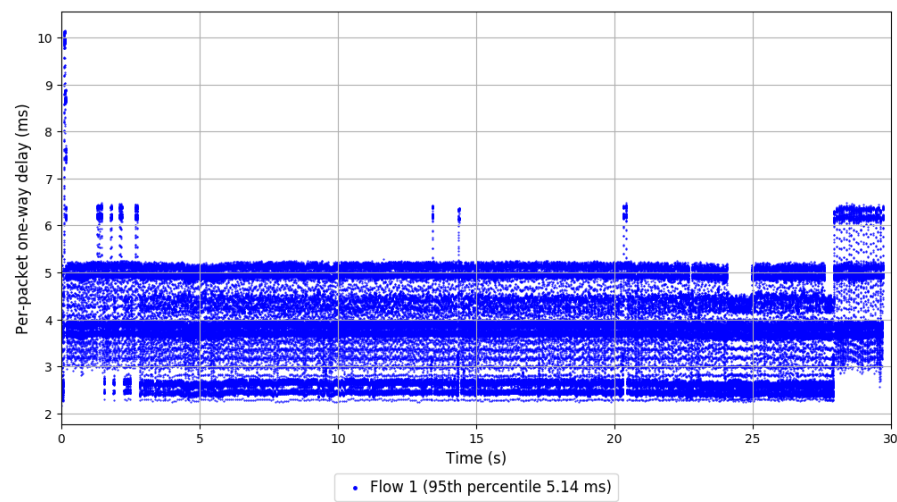
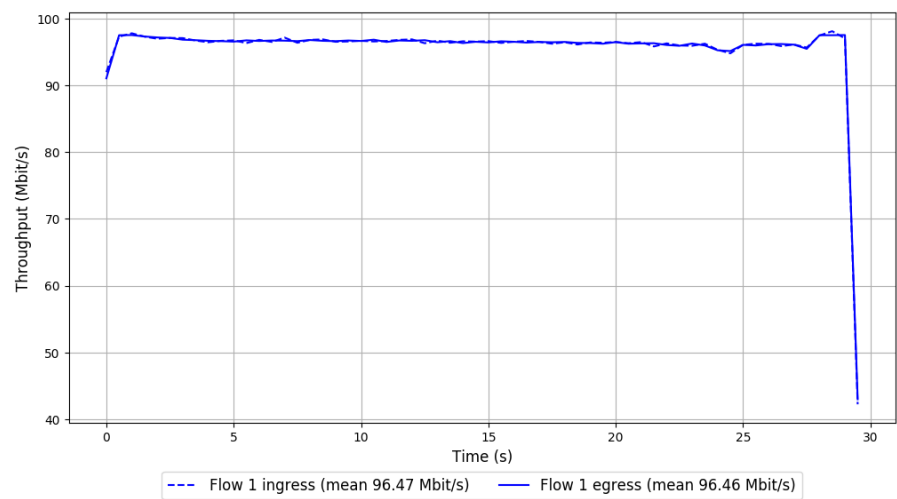
-- Flow 1:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 5.144 ms

Loss rate: 0.00%

Run 7: Report of Indigo-1-128 — Data Link



Run 8: Statistics of Indigo-1-128

Start at: 2018-01-25 10:54:38

End at: 2018-01-25 10:55:08

Local clock offset: 0.123 ms

Remote clock offset: 0.548 ms

Below is generated by plot.py at 2018-01-25 12:34:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 5.217 ms

Loss rate: 0.00%

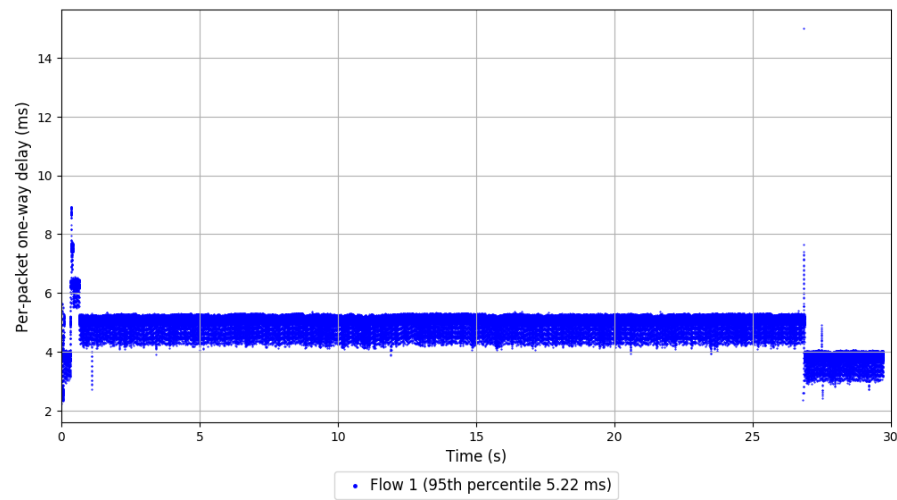
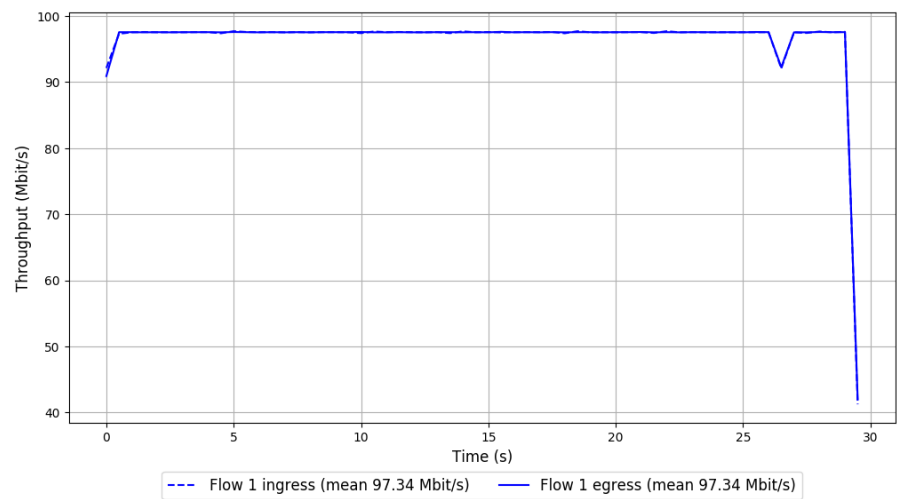
-- Flow 1:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 5.217 ms

Loss rate: 0.00%

Run 8: Report of Indigo-1-128 — Data Link



Run 9: Statistics of Indigo-1-128

Start at: 2018-01-25 11:12:48

End at: 2018-01-25 11:13:18

Local clock offset: 0.282 ms

Remote clock offset: 0.611 ms

Below is generated by plot.py at 2018-01-25 12:34:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 5.142 ms

Loss rate: 0.00%

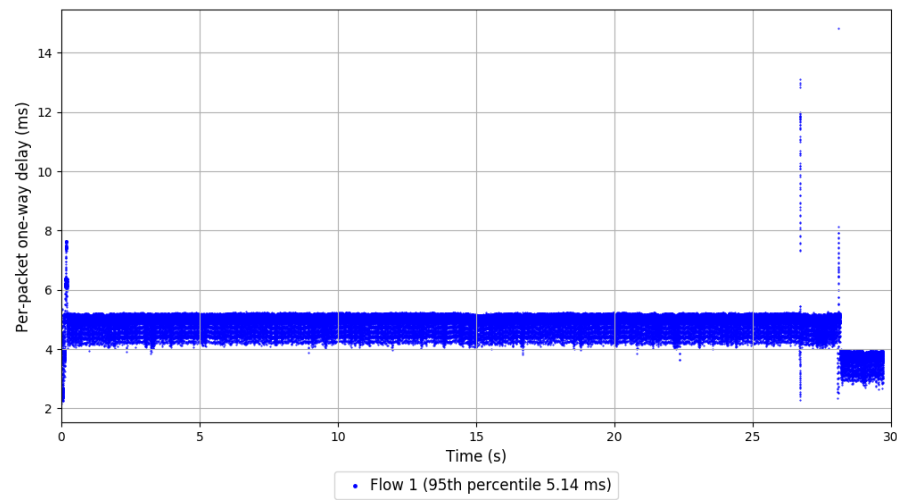
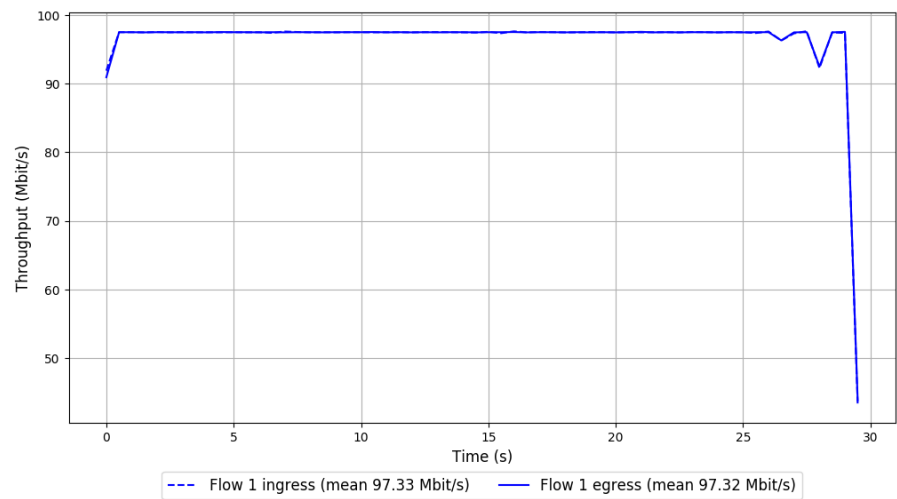
-- Flow 1:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 5.142 ms

Loss rate: 0.00%

Run 9: Report of Indigo-1-128 — Data Link



Run 10: Statistics of Indigo-1-128

Start at: 2018-01-25 11:30:56

End at: 2018-01-25 11:31:26

Local clock offset: 0.28 ms

Remote clock offset: 0.726 ms

Below is generated by plot.py at 2018-01-25 12:34:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 5.200 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 5.200 ms

Loss rate: 0.00%

Run 10: Report of Indigo-1-128 — Data Link

