

Pantheon Report

Generated at 2018-03-13 08:21:40 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

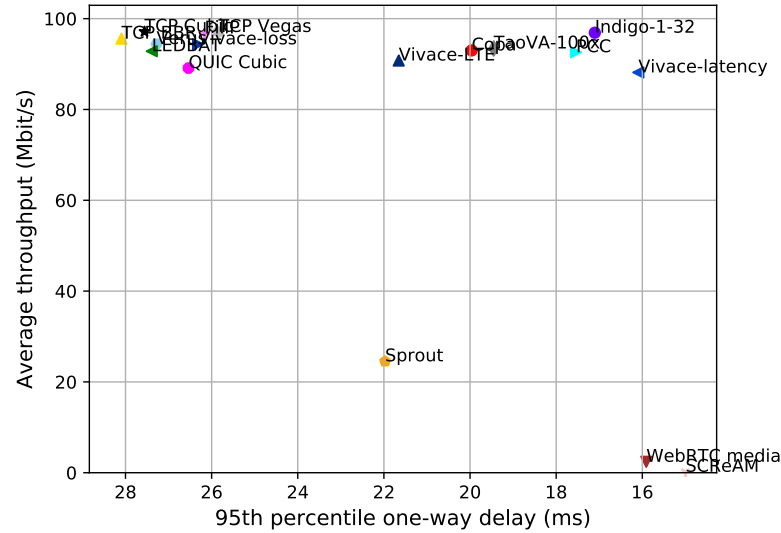
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

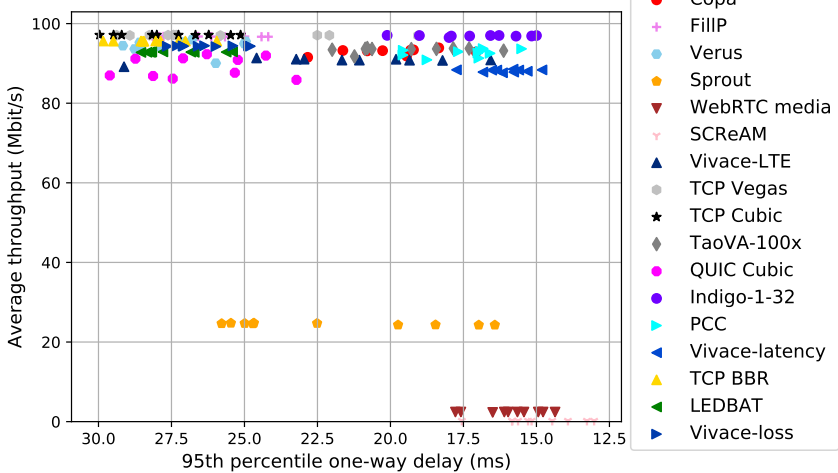
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	95.60	28.09	0.13
TCP Cubic	10	97.13	27.56	0.13
LEDBAT	10	92.83	27.39	0.13
PCC	10	92.61	17.54	0.09
QUIC Cubic	10	89.11	26.54	0.11
SCReAM	10	0.21	15.00	0.12
WebRTC media	10	2.41	15.91	0.10
Sprout	10	24.54	21.97	0.09
TaoVA-100x	10	93.43	19.45	0.09
TCP Vegas	10	97.07	25.84	0.09
Verus	10	94.41	27.28	0.13
Copa	10	93.00	19.96	0.09
FillP	10	96.74	26.17	0.12
Indigo-1-32	10	96.91	17.10	0.09
Vivace-latency	10	88.16	16.09	0.09
Vivace-loss	10	94.35	26.31	0.13
Vivace-LTE	10	90.78	21.66	0.09

Run 1: Statistics of TCP BBR

Start at: 2018-03-13 01:04:18

End at: 2018-03-13 01:04:48

Local clock offset: 2.935 ms

Remote clock offset: 5.52 ms

Below is generated by plot.py at 2018-03-13 07:54:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 27.023 ms

Loss rate: 0.13%

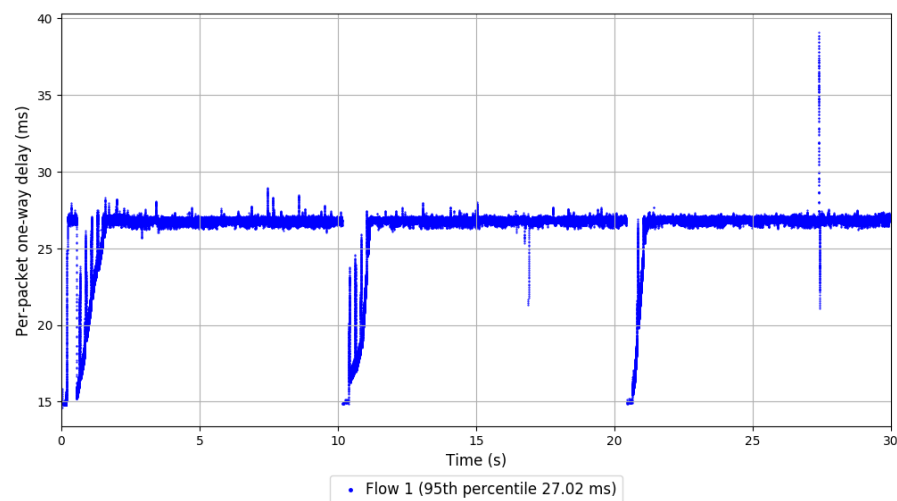
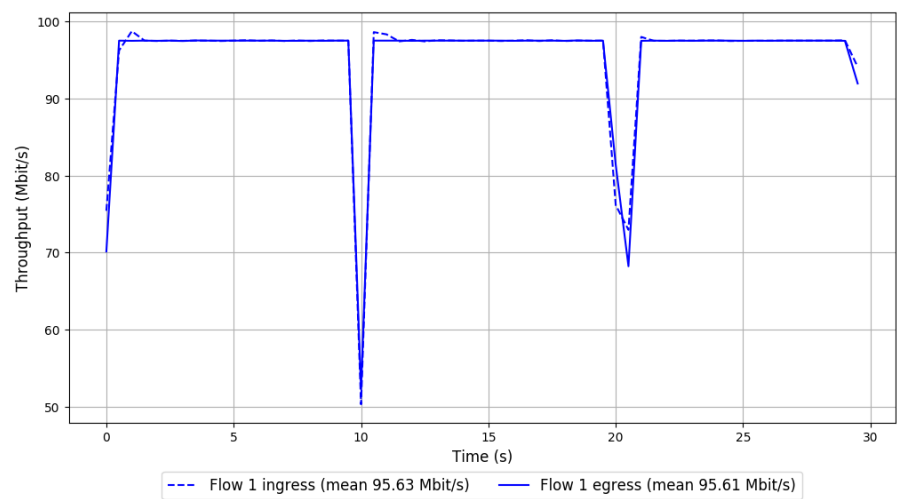
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 27.023 ms

Loss rate: 0.13%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-03-13 01:25:22

End at: 2018-03-13 01:25:52

Local clock offset: 2.859 ms

Remote clock offset: 2.311 ms

Below is generated by plot.py at 2018-03-13 07:54:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 28.543 ms

Loss rate: 0.13%

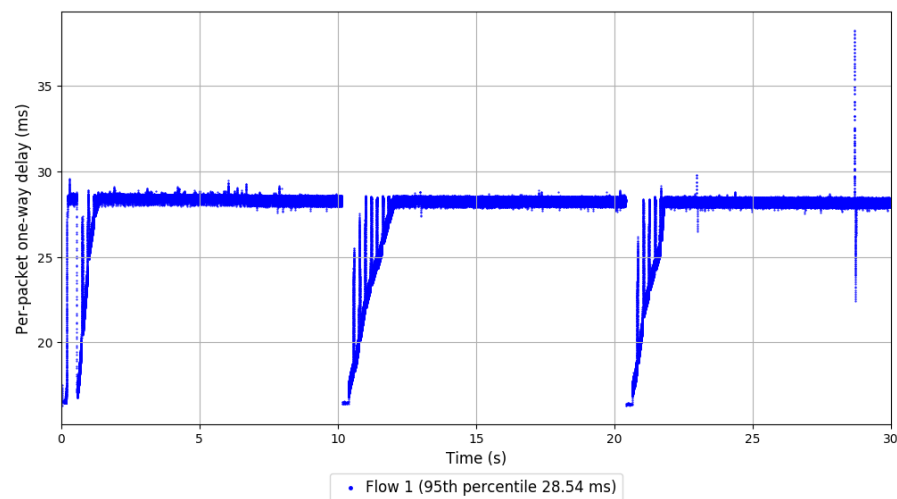
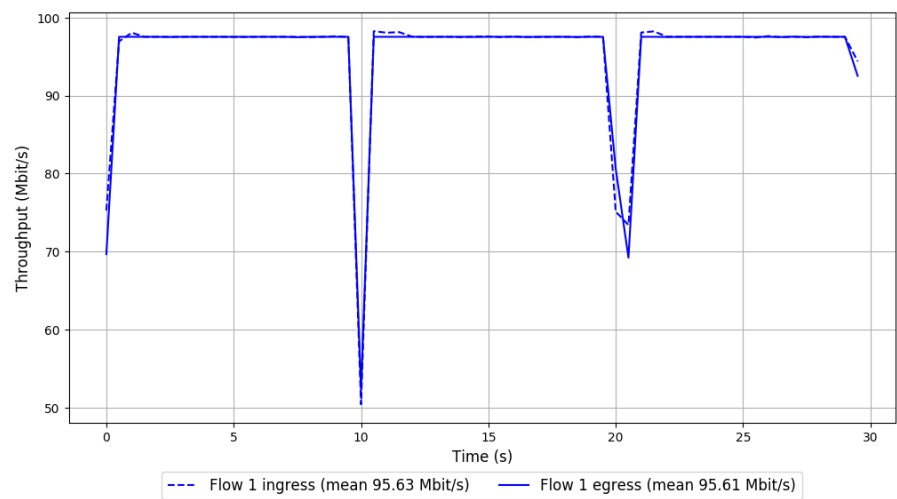
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 28.543 ms

Loss rate: 0.13%

Run 2: Report of TCP BBR — Data Link

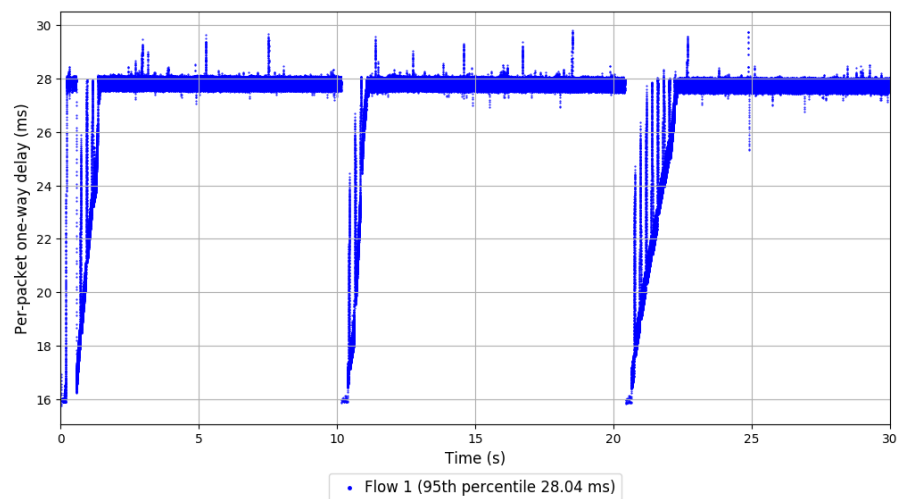
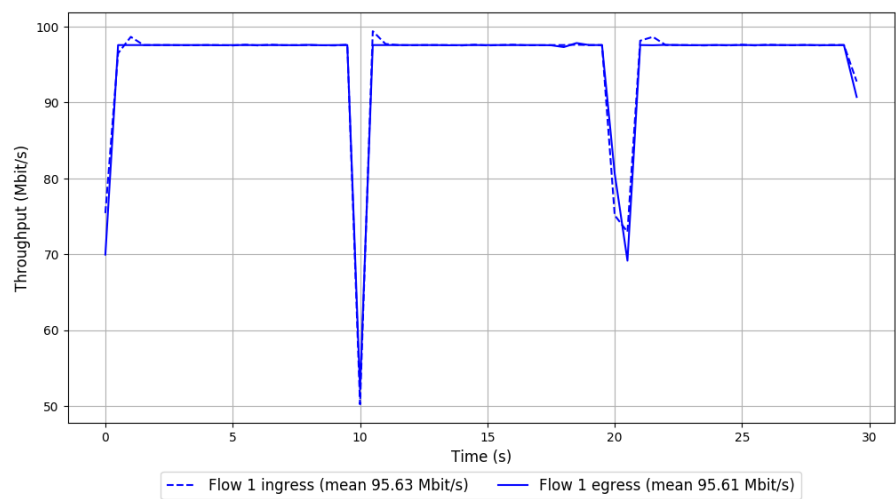


Run 3: Statistics of TCP BBR

Start at: 2018-03-13 01:46:11
End at: 2018-03-13 01:46:41
Local clock offset: 3.941 ms
Remote clock offset: -1.148 ms

Below is generated by plot.py at 2018-03-13 07:54:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 28.041 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 28.041 ms
Loss rate: 0.13%

Run 3: Report of TCP BBR — Data Link

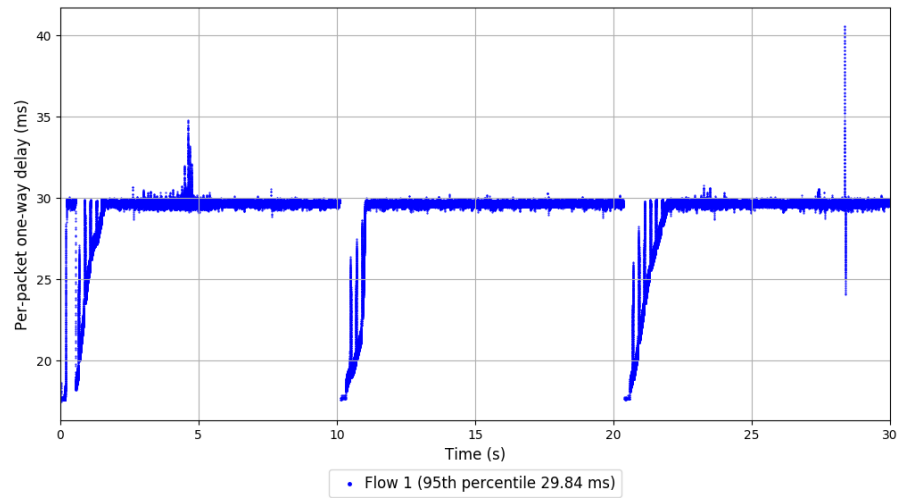
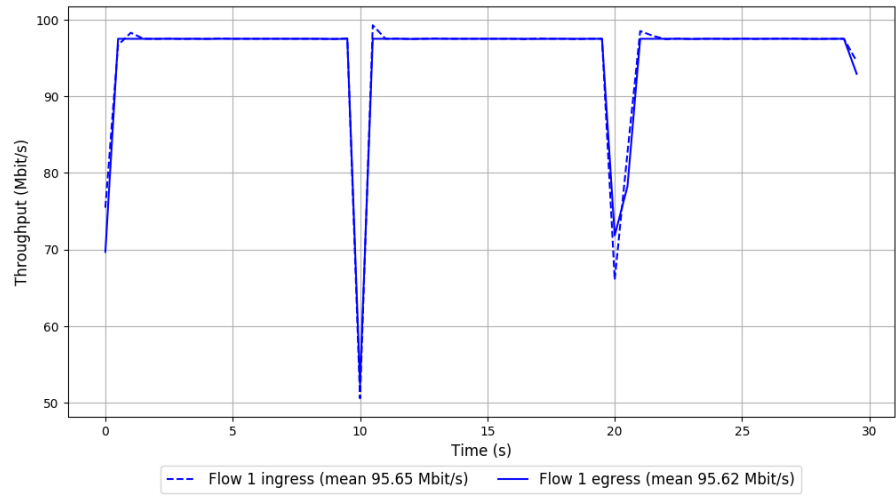


Run 4: Statistics of TCP BBR

Start at: 2018-03-13 02:07:02
End at: 2018-03-13 02:07:32
Local clock offset: -2.771 ms
Remote clock offset: -10.074 ms

Below is generated by plot.py at 2018-03-13 07:54:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 29.839 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 29.839 ms
Loss rate: 0.13%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-03-13 02:27:56

End at: 2018-03-13 02:28:26

Local clock offset: 2.44 ms

Remote clock offset: -3.487 ms

Below is generated by plot.py at 2018-03-13 07:54:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 25.948 ms

Loss rate: 0.13%

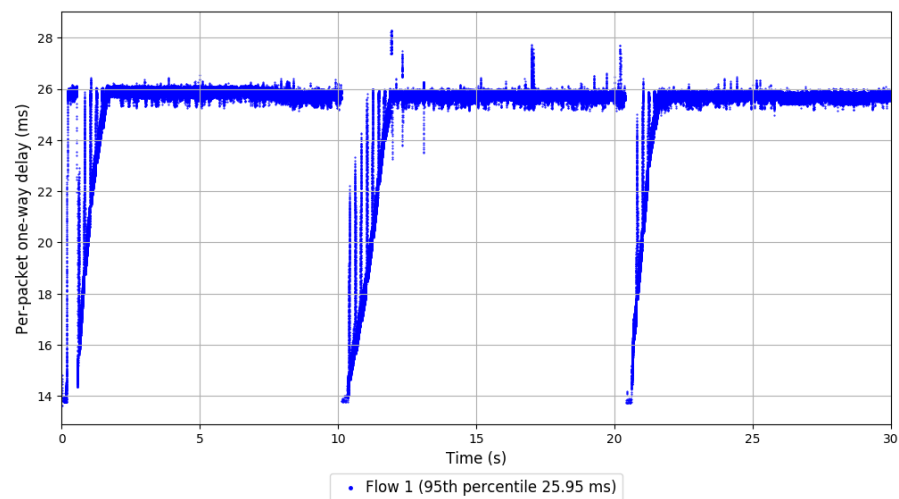
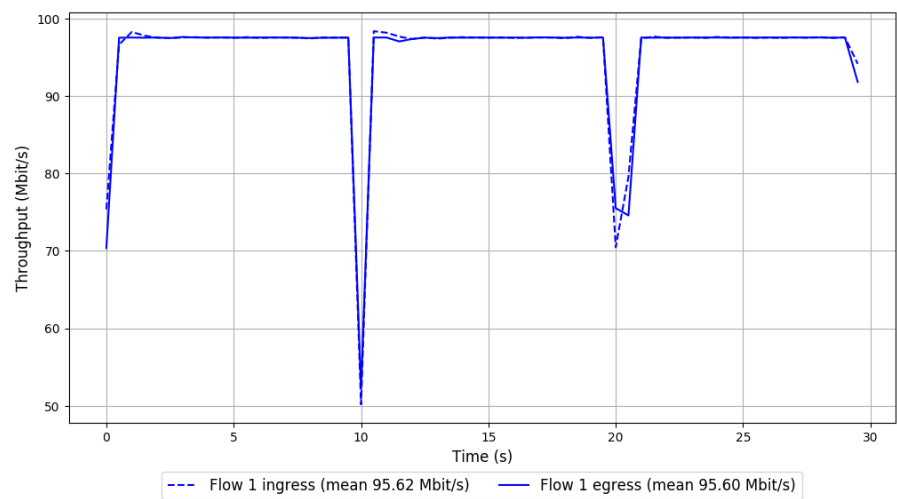
-- Flow 1:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 25.948 ms

Loss rate: 0.13%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-03-13 02:48:59

End at: 2018-03-13 02:49:29

Local clock offset: 4.005 ms

Remote clock offset: -2.337 ms

Below is generated by plot.py at 2018-03-13 07:54:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 27.870 ms

Loss rate: 0.13%

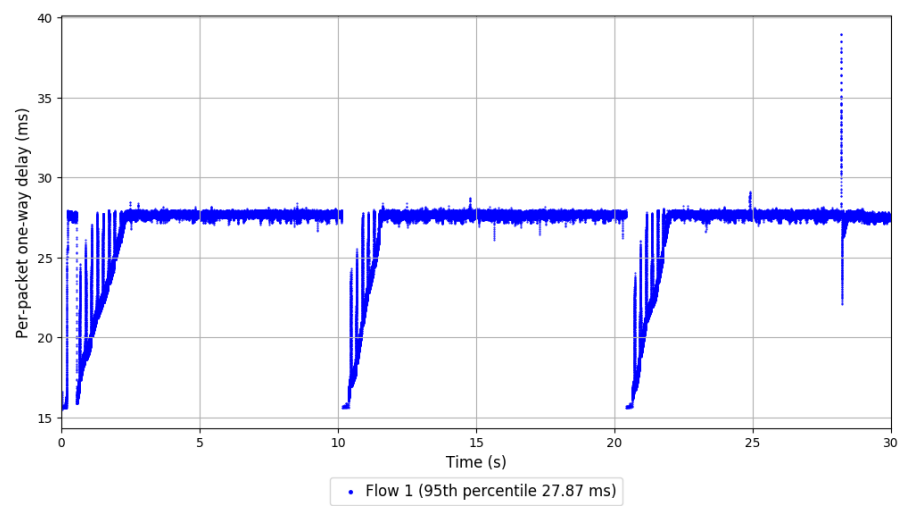
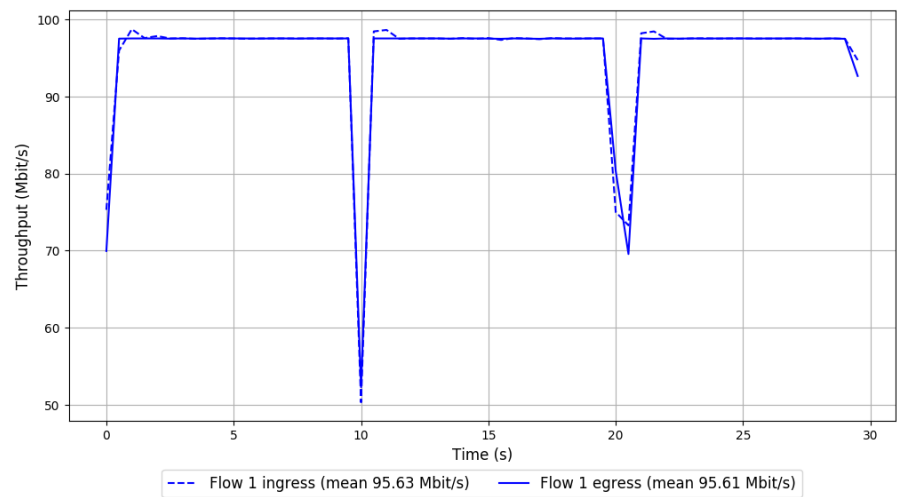
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 27.870 ms

Loss rate: 0.13%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-03-13 03:10:01

End at: 2018-03-13 03:10:31

Local clock offset: 4.463 ms

Remote clock offset: 1.468 ms

Below is generated by plot.py at 2018-03-13 07:54:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.57 Mbit/s

95th percentile per-packet one-way delay: 28.474 ms

Loss rate: 0.13%

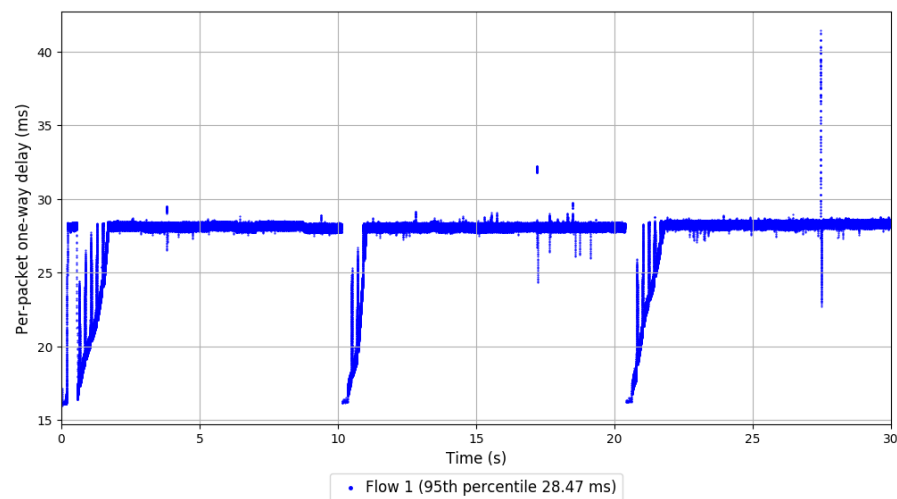
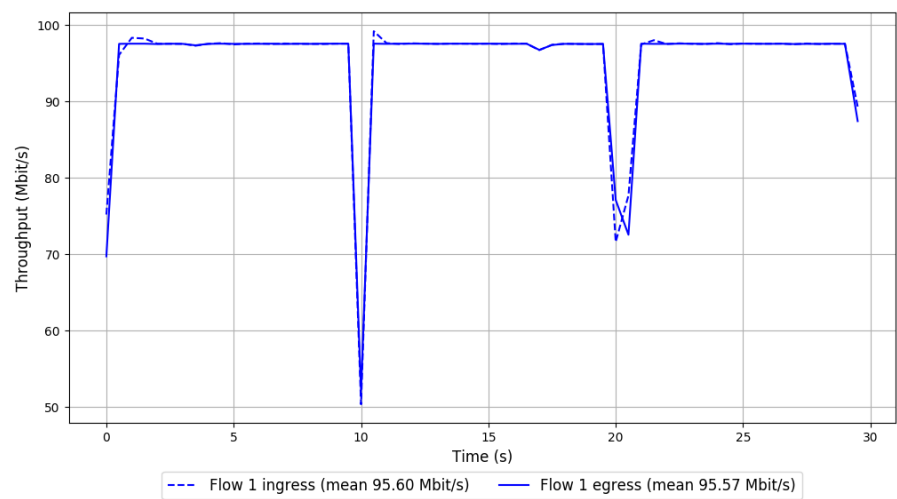
-- Flow 1:

Average throughput: 95.57 Mbit/s

95th percentile per-packet one-way delay: 28.474 ms

Loss rate: 0.13%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-03-13 03:30:57

End at: 2018-03-13 03:31:27

Local clock offset: 5.28 ms

Remote clock offset: 4.727 ms

Below is generated by plot.py at 2018-03-13 07:54:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.58 Mbit/s

95th percentile per-packet one-way delay: 28.443 ms

Loss rate: 0.13%

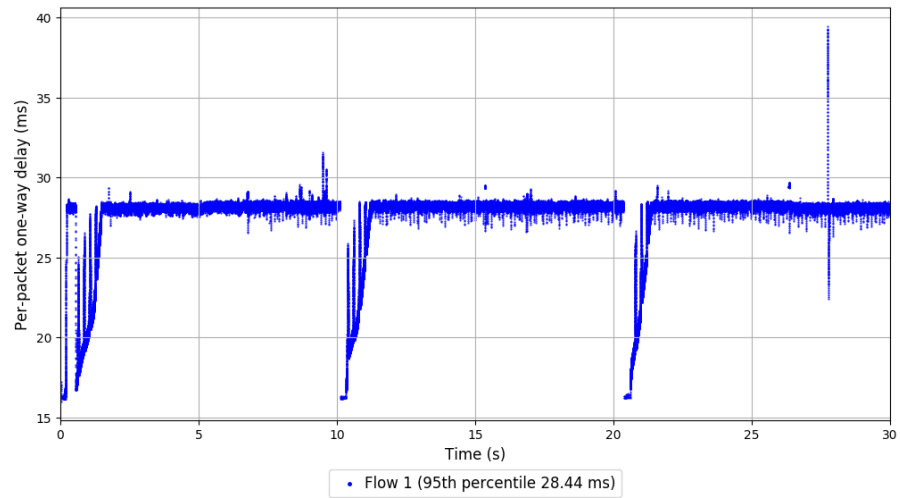
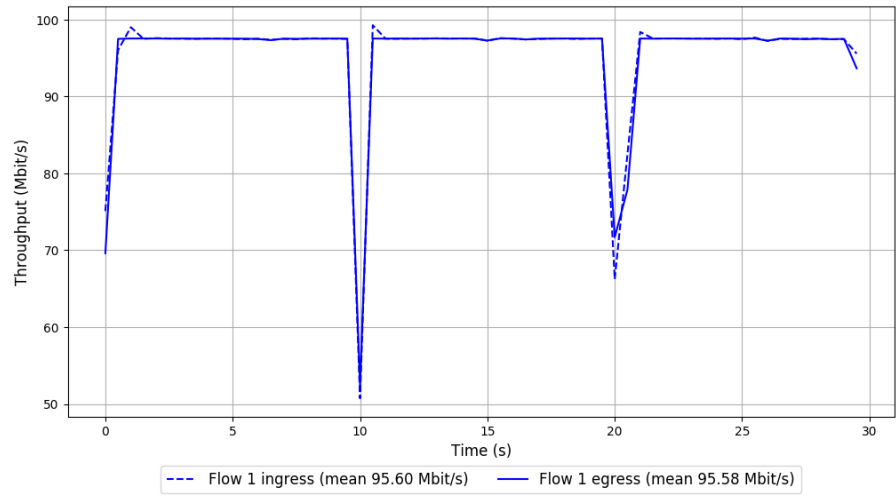
-- Flow 1:

Average throughput: 95.58 Mbit/s

95th percentile per-packet one-way delay: 28.443 ms

Loss rate: 0.13%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-03-13 03:51:57

End at: 2018-03-13 03:52:27

Local clock offset: 5.155 ms

Remote clock offset: 0.798 ms

Below is generated by plot.py at 2018-03-13 07:55:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.57 Mbit/s

95th percentile per-packet one-way delay: 27.255 ms

Loss rate: 0.13%

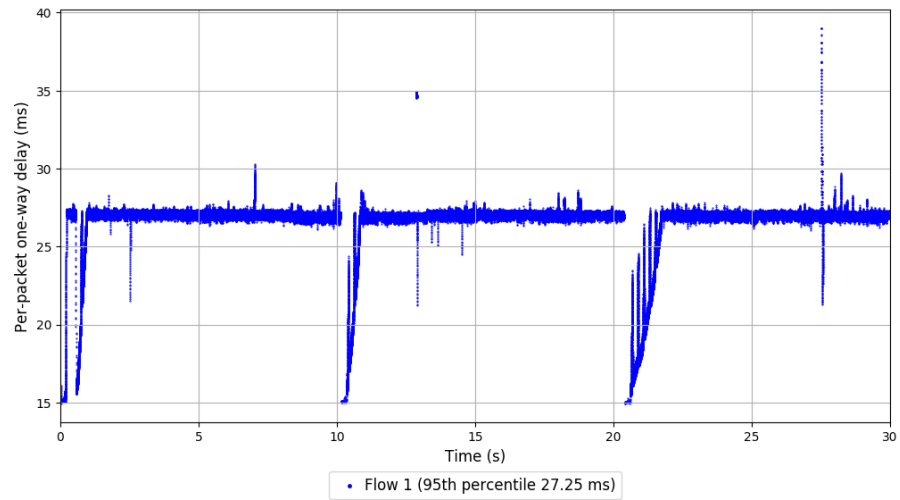
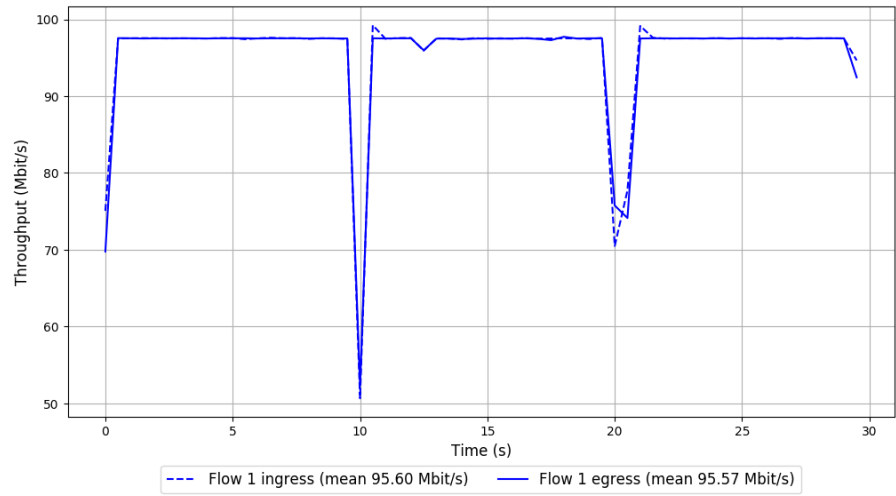
-- Flow 1:

Average throughput: 95.57 Mbit/s

95th percentile per-packet one-way delay: 27.255 ms

Loss rate: 0.13%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

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

End at: 2018-03-13 04:13:33

Local clock offset: 4.705 ms

Remote clock offset: -2.868 ms

Below is generated by plot.py at 2018-03-13 07:55:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.59 Mbit/s

95th percentile per-packet one-way delay: 29.490 ms

Loss rate: 0.13%

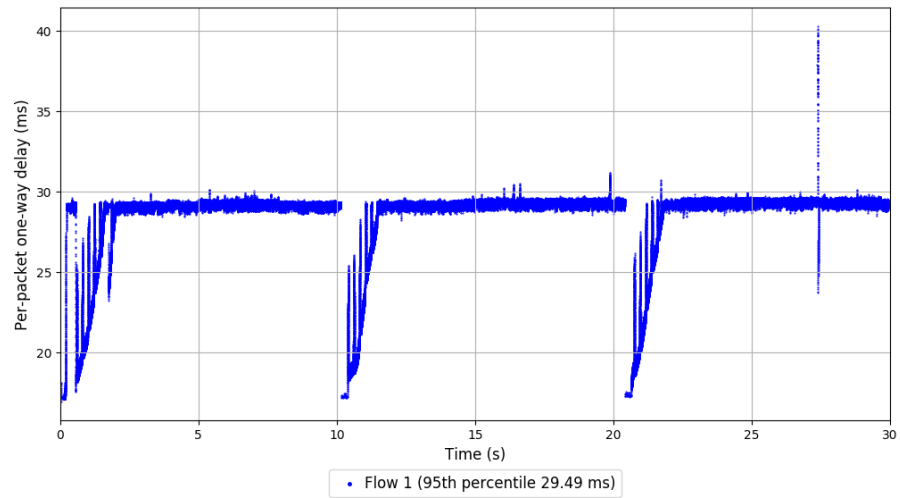
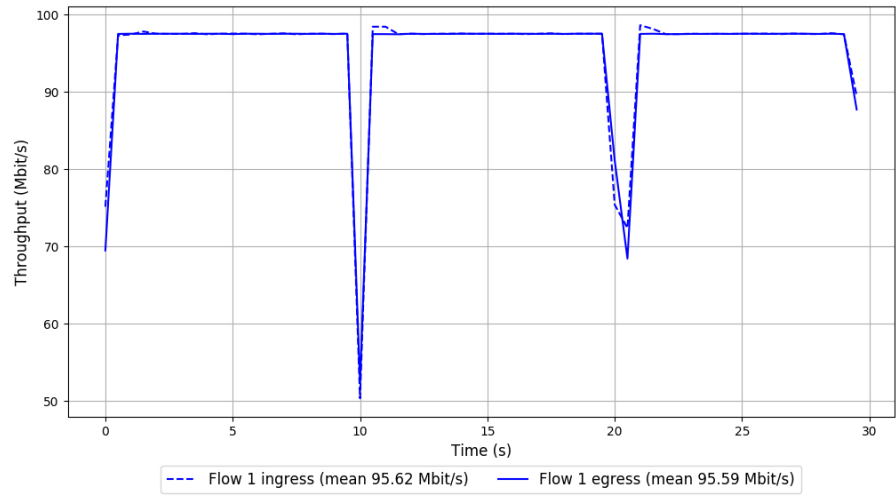
-- Flow 1:

Average throughput: 95.59 Mbit/s

95th percentile per-packet one-way delay: 29.490 ms

Loss rate: 0.13%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-03-13 01:00:55

End at: 2018-03-13 01:01:25

Local clock offset: 5.256 ms

Remote clock offset: 4.984 ms

Below is generated by plot.py at 2018-03-13 07:55:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 29.483 ms

Loss rate: 0.13%

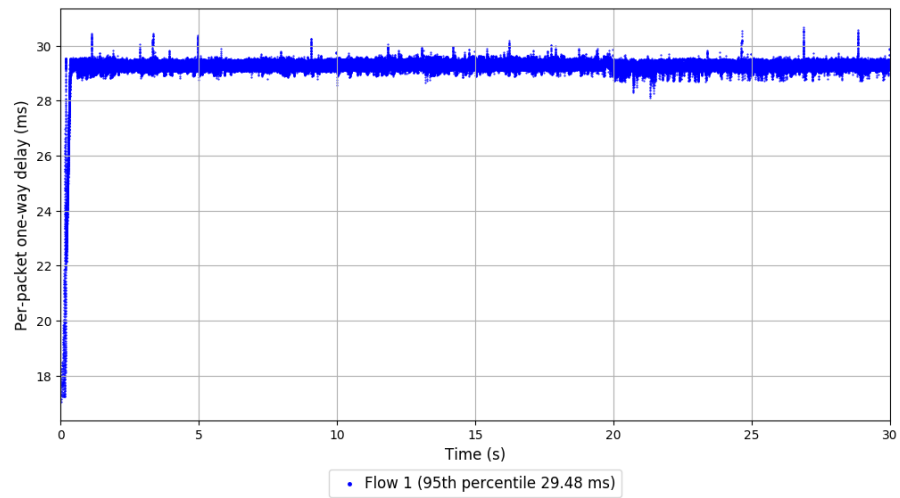
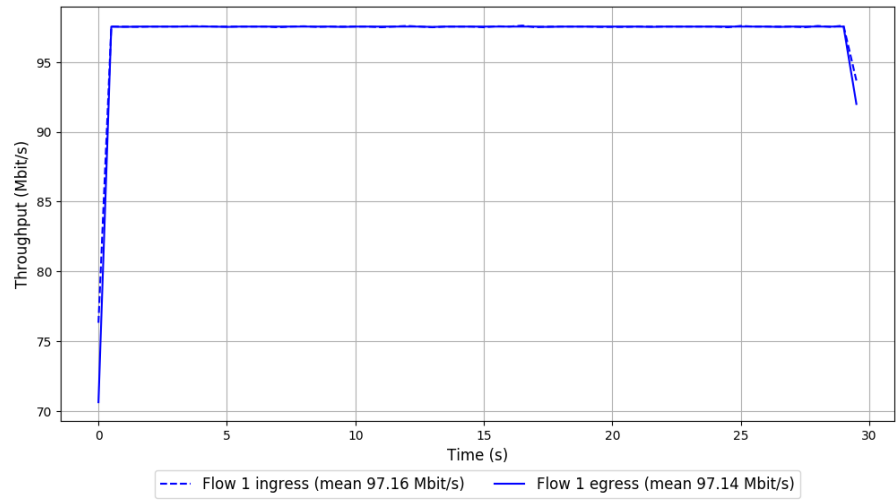
-- Flow 1:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 29.483 ms

Loss rate: 0.13%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-03-13 01:21:58

End at: 2018-03-13 01:22:28

Local clock offset: 0.365 ms

Remote clock offset: 4.146 ms

Below is generated by plot.py at 2018-03-13 07:55:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 26.226 ms

Loss rate: 0.13%

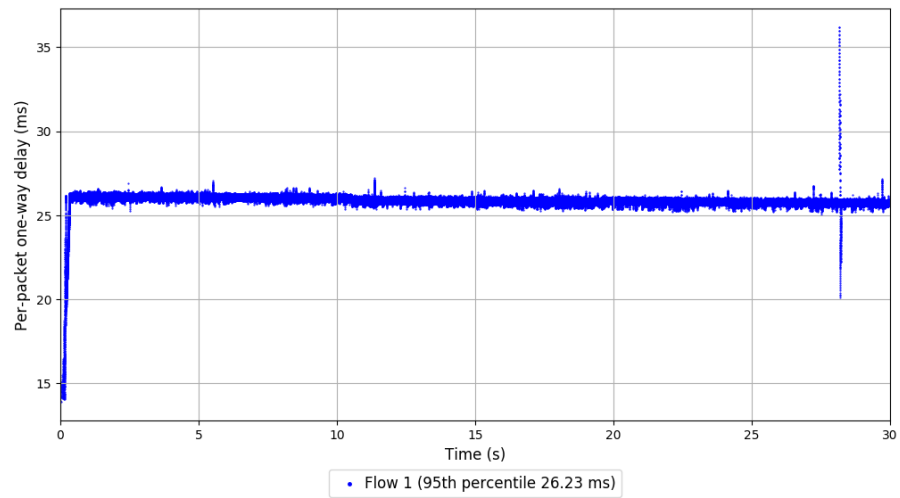
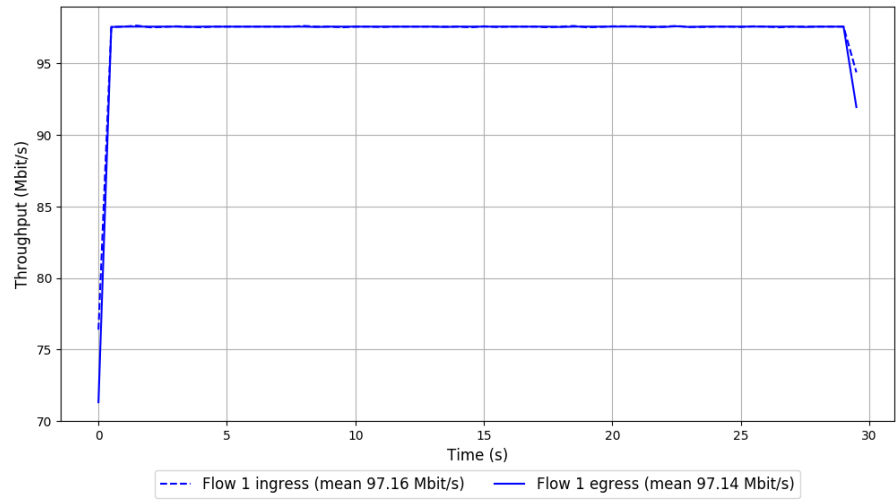
-- Flow 1:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 26.226 ms

Loss rate: 0.13%

Run 2: Report of TCP Cubic — Data Link

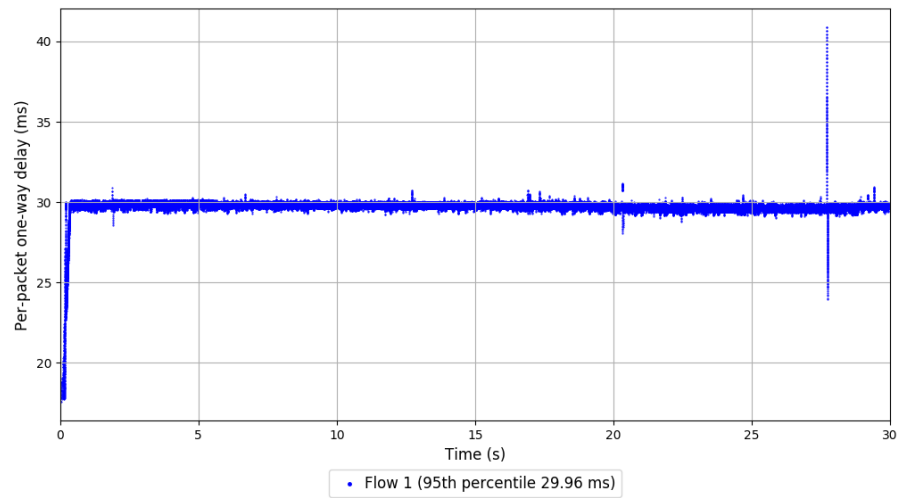
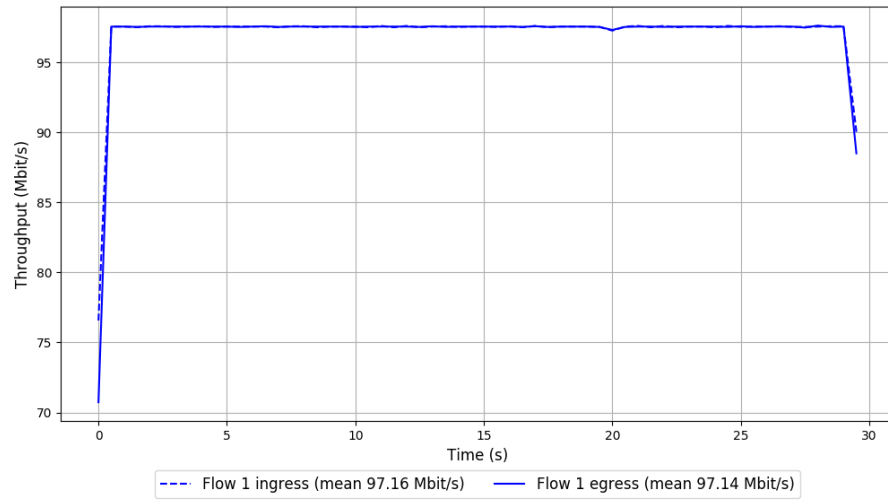


Run 3: Statistics of TCP Cubic

Start at: 2018-03-13 01:42:49
End at: 2018-03-13 01:43:19
Local clock offset: 4.993 ms
Remote clock offset: -1.507 ms

Below is generated by plot.py at 2018-03-13 07:55:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 29.963 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 29.963 ms
Loss rate: 0.13%

Run 3: Report of TCP Cubic — Data Link

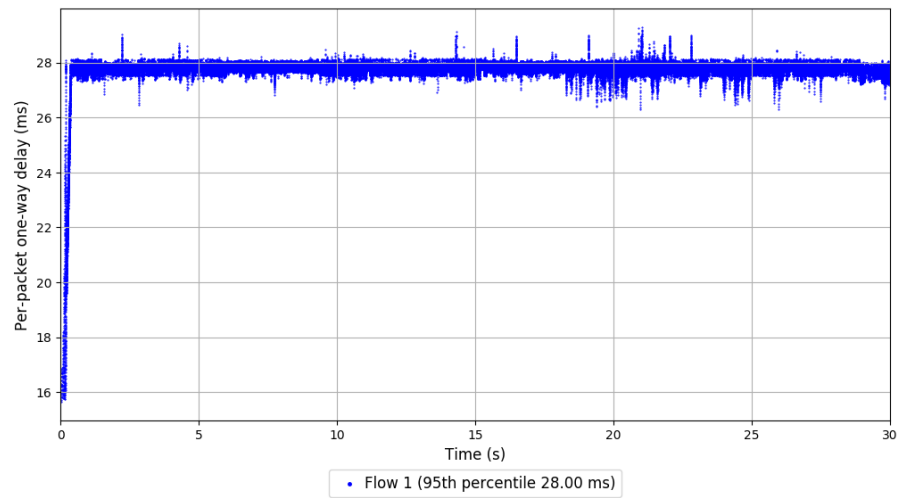
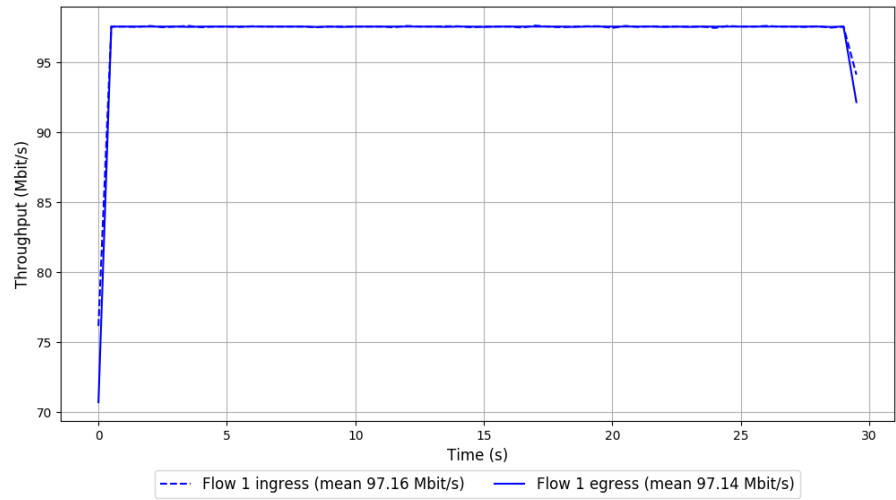


Run 4: Statistics of TCP Cubic

Start at: 2018-03-13 02:03:41
End at: 2018-03-13 02:04:11
Local clock offset: 2.889 ms
Remote clock offset: -2.592 ms

Below is generated by plot.py at 2018-03-13 07:55:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 28.004 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 28.004 ms
Loss rate: 0.13%

Run 4: Report of TCP Cubic — Data Link

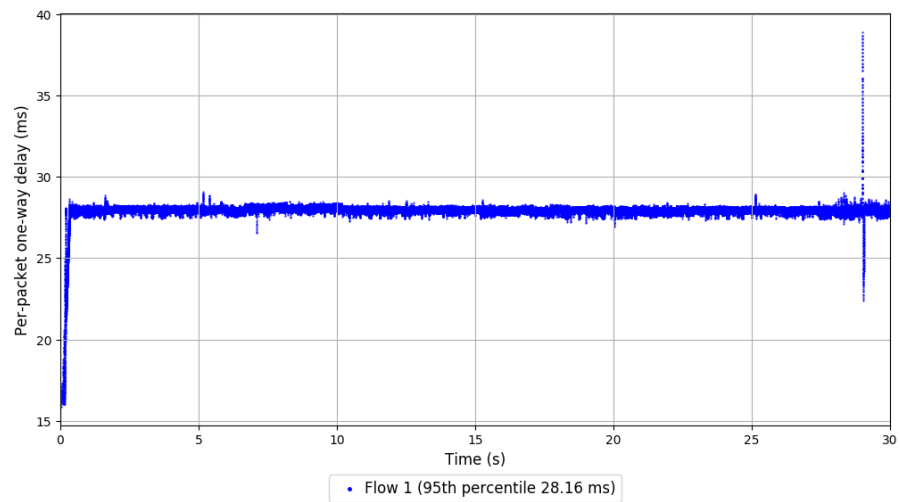
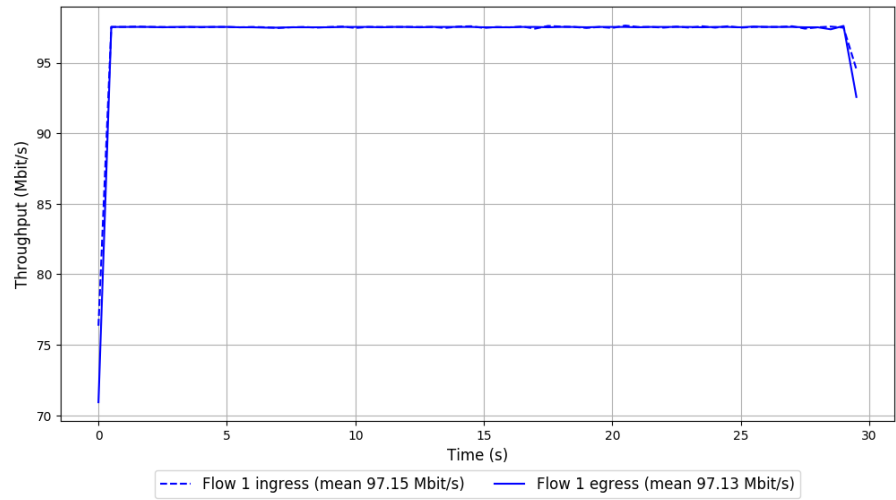


Run 5: Statistics of TCP Cubic

Start at: 2018-03-13 02:24:33
End at: 2018-03-13 02:25:03
Local clock offset: 4.587 ms
Remote clock offset: -3.156 ms

Below is generated by plot.py at 2018-03-13 07:55:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 28.165 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 28.165 ms
Loss rate: 0.13%

Run 5: Report of TCP Cubic — Data Link

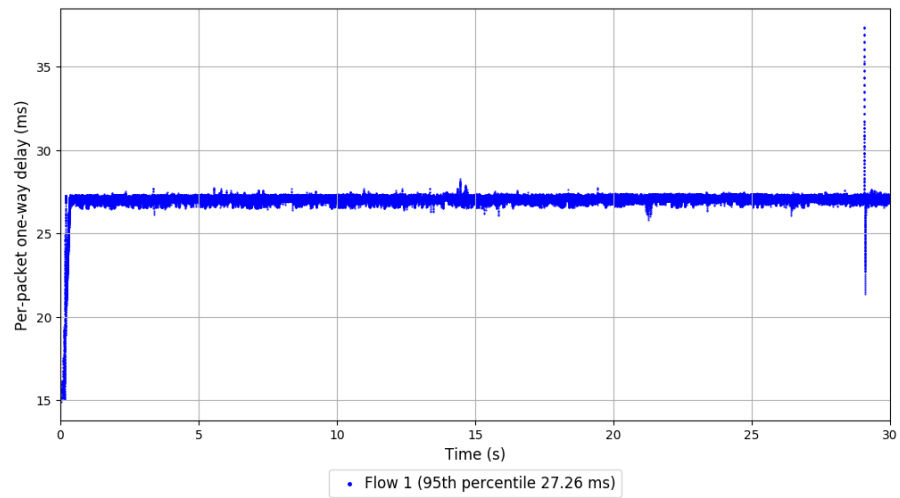
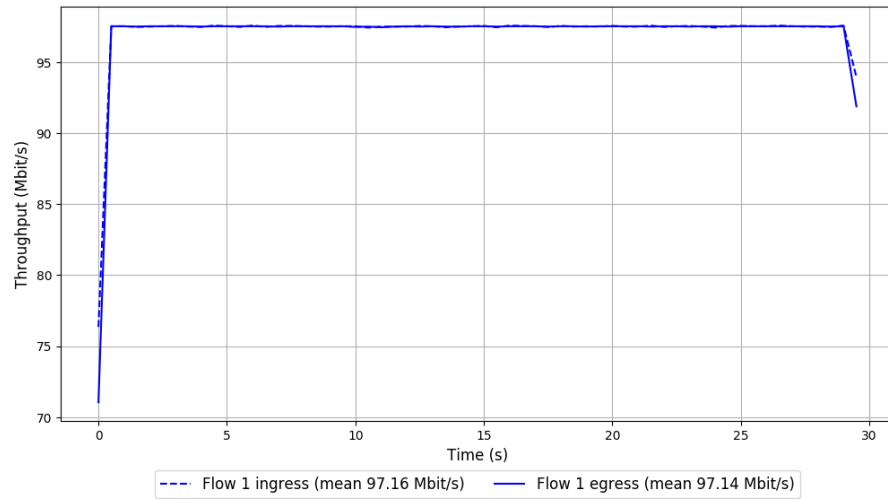


Run 6: Statistics of TCP Cubic

Start at: 2018-03-13 02:45:38
End at: 2018-03-13 02:46:08
Local clock offset: 3.743 ms
Remote clock offset: -2.479 ms

Below is generated by plot.py at 2018-03-13 07:55:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 27.260 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 27.260 ms
Loss rate: 0.13%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-03-13 03:06:34

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

Local clock offset: 1.394 ms

Remote clock offset: 0.397 ms

Below is generated by plot.py at 2018-03-13 07:56:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 25.133 ms

Loss rate: 0.13%

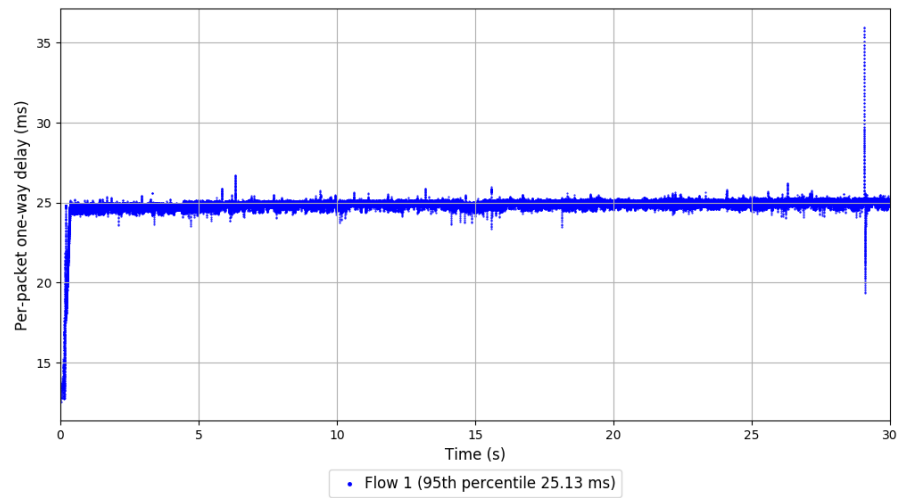
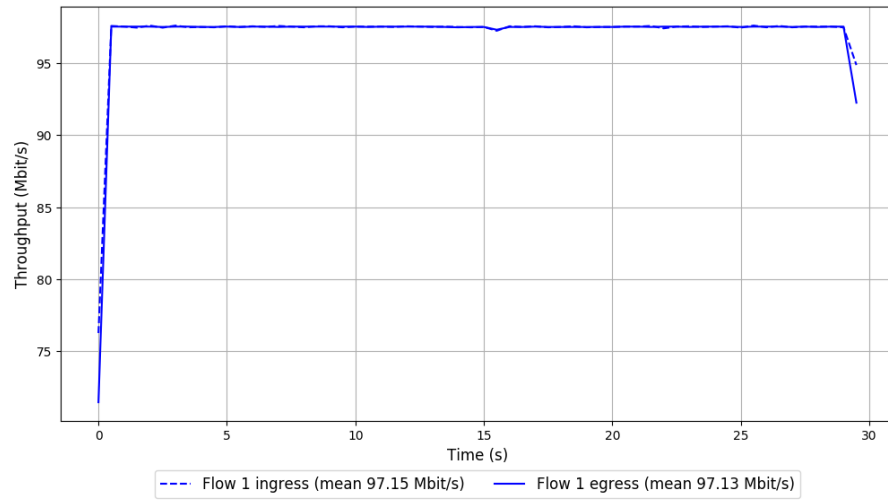
-- Flow 1:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 25.133 ms

Loss rate: 0.13%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-03-13 03:27:33

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

Local clock offset: 2.565 ms

Remote clock offset: 3.671 ms

Below is generated by plot.py at 2018-03-13 07:56:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 26.677 ms

Loss rate: 0.13%

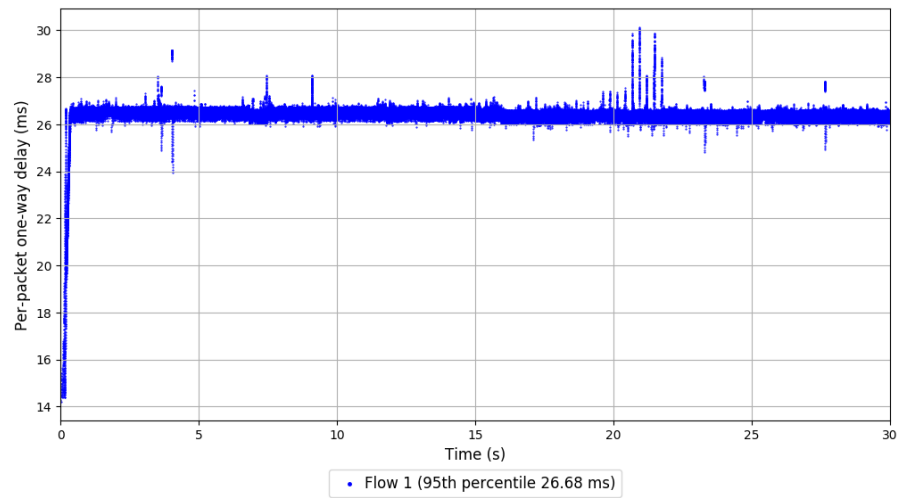
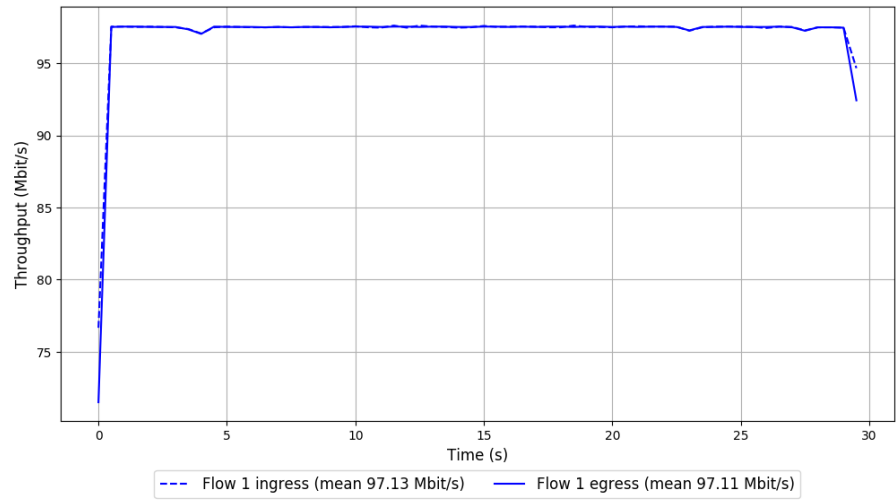
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 26.677 ms

Loss rate: 0.13%

Run 8: Report of TCP Cubic — Data Link

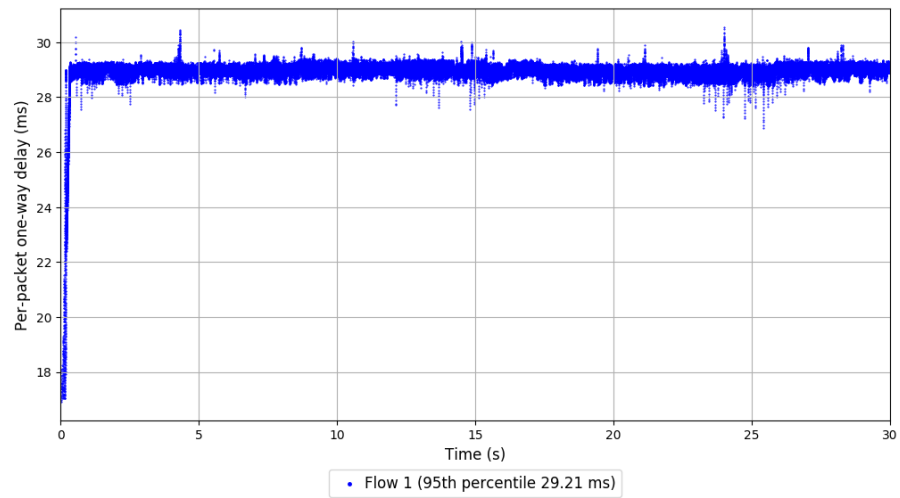
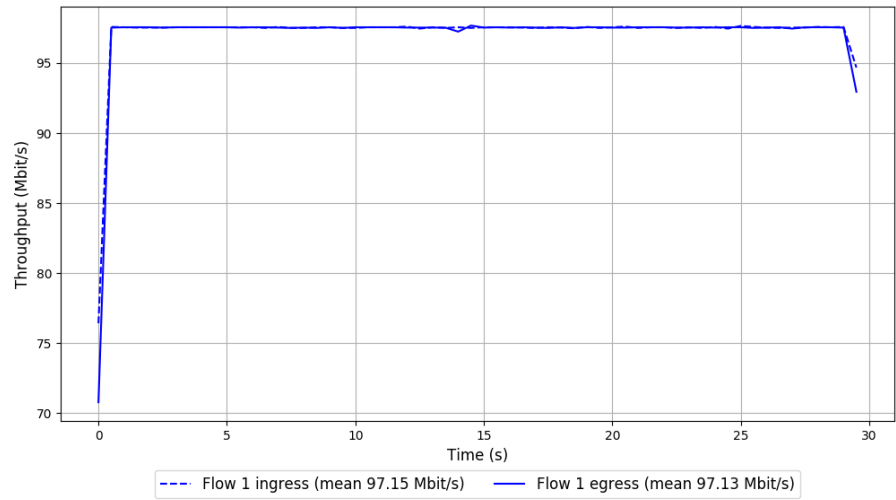


Run 9: Statistics of TCP Cubic

Start at: 2018-03-13 03:48:33
End at: 2018-03-13 03:49:03
Local clock offset: 5.665 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-03-13 07:56:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 29.206 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 29.206 ms
Loss rate: 0.13%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-03-13 04:09:37

End at: 2018-03-13 04:10:07

Local clock offset: 1.639 ms

Remote clock offset: -2.691 ms

Below is generated by plot.py at 2018-03-13 07:56:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 25.472 ms

Loss rate: 0.13%

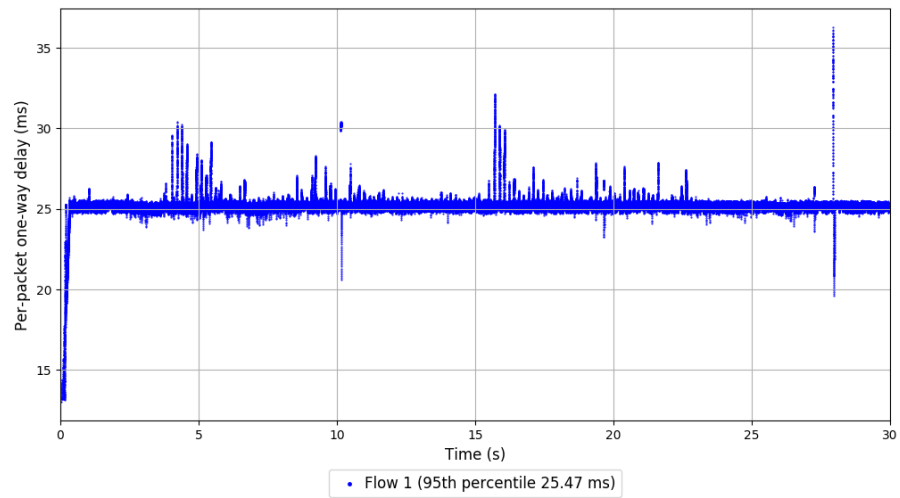
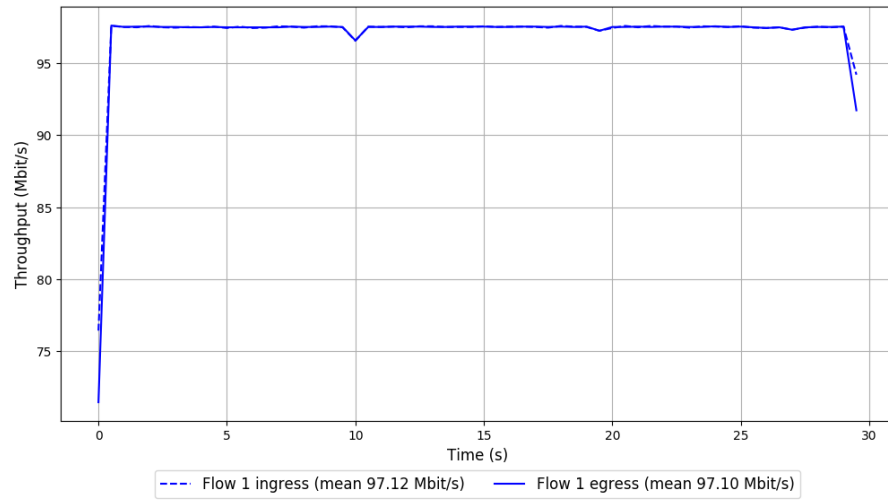
-- Flow 1:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 25.472 ms

Loss rate: 0.13%

Run 10: Report of TCP Cubic — Data Link

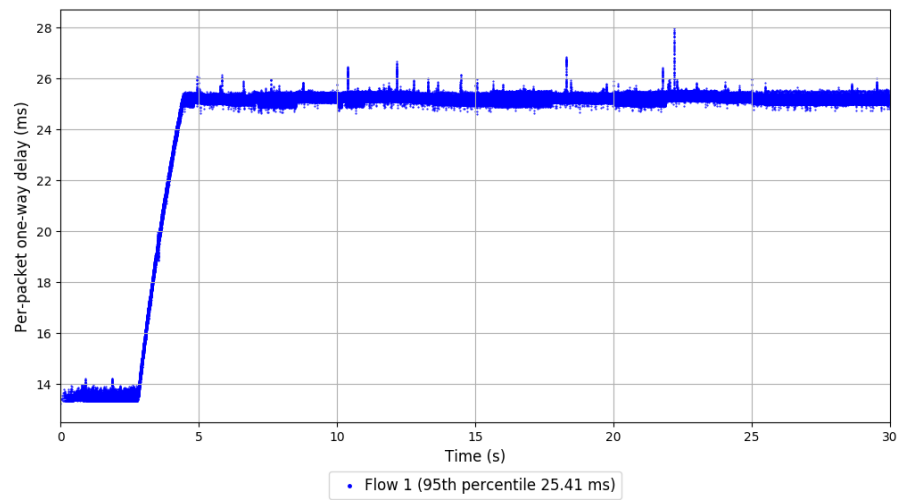
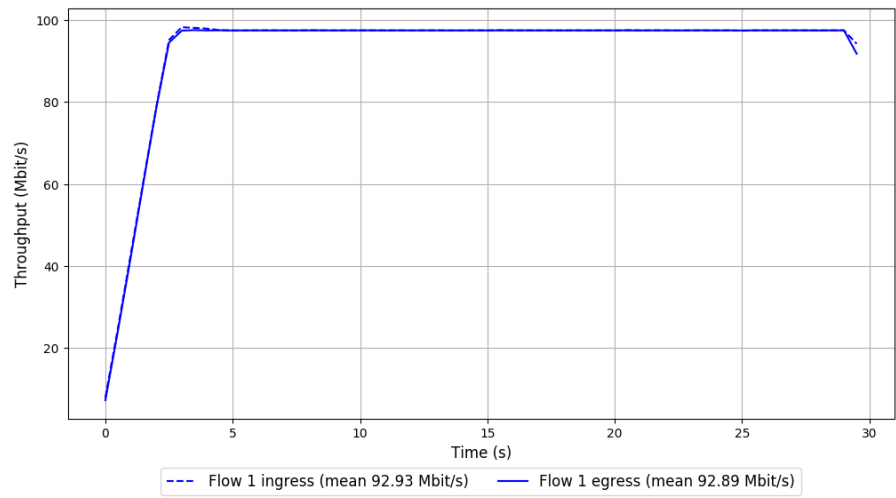


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-13 01:09:07
End at: 2018-03-13 01:09:37
Local clock offset: 0.27 ms
Remote clock offset: 4.97 ms

# Below is generated by plot.py at 2018-03-13 07:56:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.89 Mbit/s
95th percentile per-packet one-way delay: 25.407 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.89 Mbit/s
95th percentile per-packet one-way delay: 25.407 ms
Loss rate: 0.13%
```

Run 1: Report of LEDBAT — Data Link

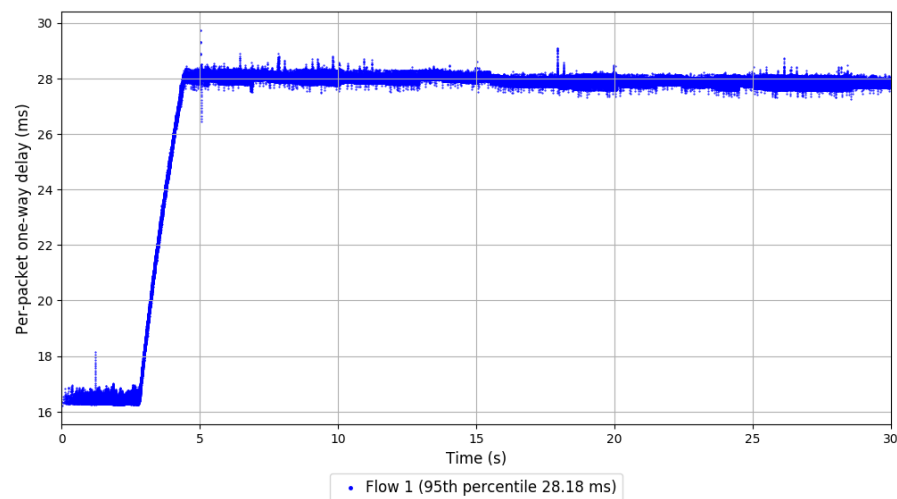
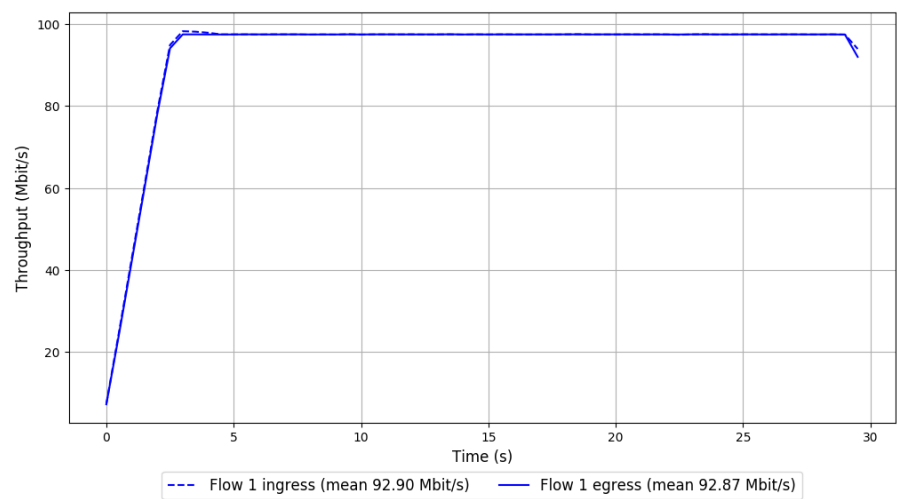


```
Run 2: Statistics of LEDBAT

Start at: 2018-03-13 01:30:01
End at: 2018-03-13 01:30:31
Local clock offset: 2.566 ms
Remote clock offset: 0.613 ms

# Below is generated by plot.py at 2018-03-13 07:57:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.87 Mbit/s
95th percentile per-packet one-way delay: 28.175 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.87 Mbit/s
95th percentile per-packet one-way delay: 28.175 ms
Loss rate: 0.13%
```

Run 2: Report of LEDBAT — Data Link

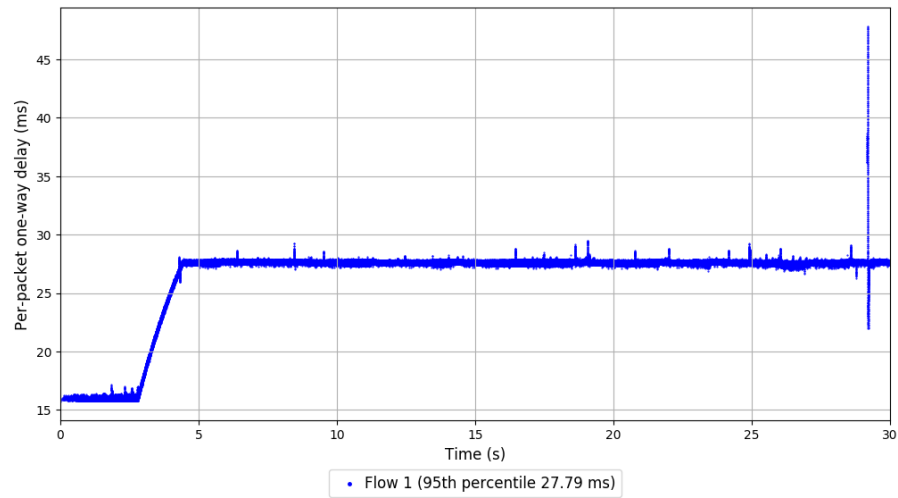
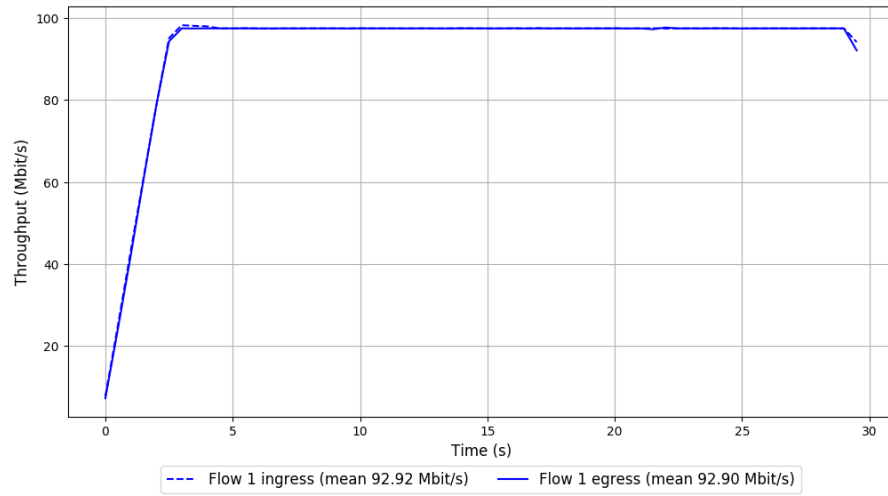


Run 3: Statistics of LEDBAT

Start at: 2018-03-13 01:50:54
End at: 2018-03-13 01:51:24
Local clock offset: 3.116 ms
Remote clock offset: -2.646 ms

Below is generated by plot.py at 2018-03-13 07:57:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 27.793 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 27.793 ms
Loss rate: 0.13%

Run 3: Report of LEDBAT — Data Link

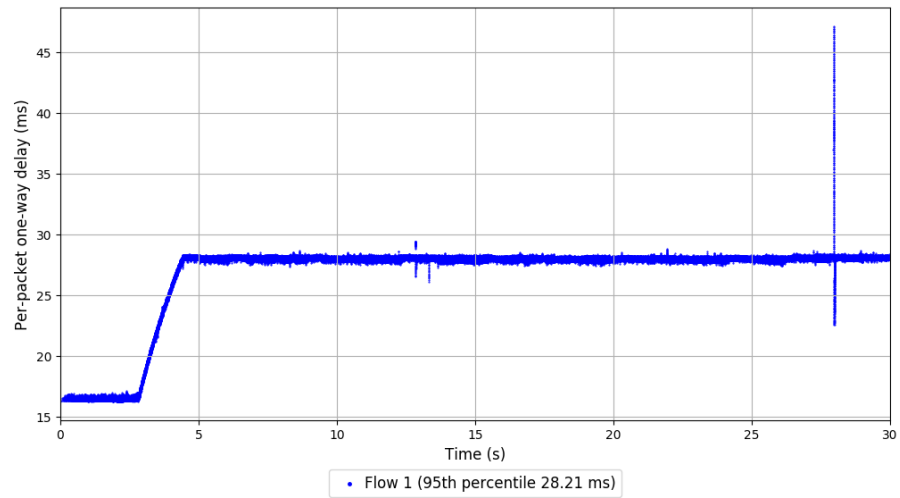
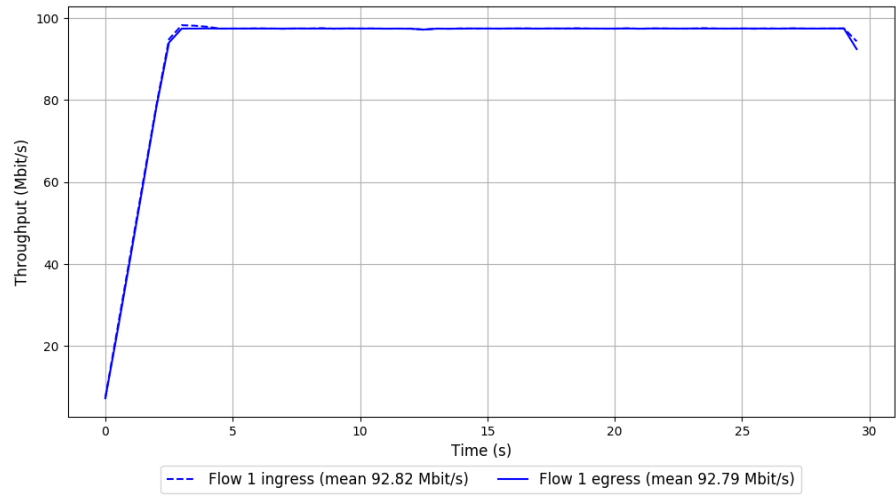


Run 4: Statistics of LEDBAT

Start at: 2018-03-13 02:11:49
End at: 2018-03-13 02:12:20
Local clock offset: 4.283 ms
Remote clock offset: -2.289 ms

Below is generated by plot.py at 2018-03-13 07:57:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 28.207 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 28.207 ms
Loss rate: 0.13%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-03-13 02:32:42

End at: 2018-03-13 02:33:12

Local clock offset: 2.703 ms

Remote clock offset: -2.85 ms

Below is generated by plot.py at 2018-03-13 07:58:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.85 Mbit/s

95th percentile per-packet one-way delay: 25.626 ms

Loss rate: 0.13%

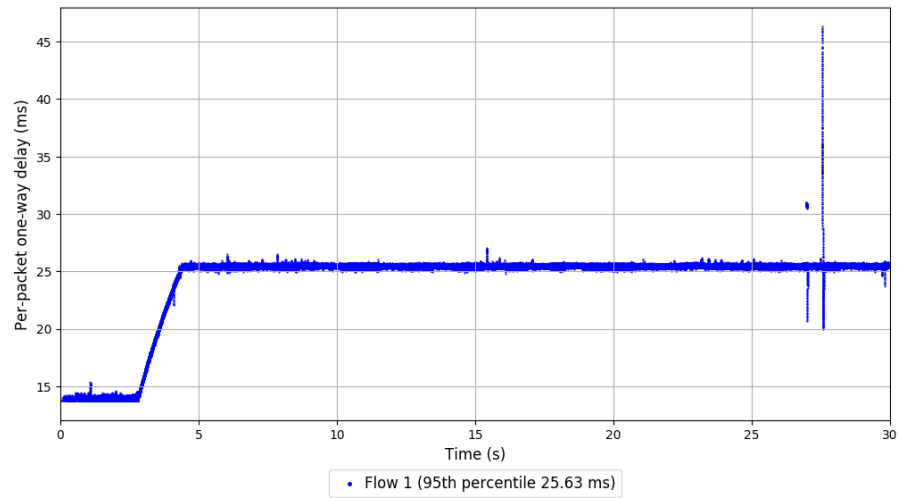
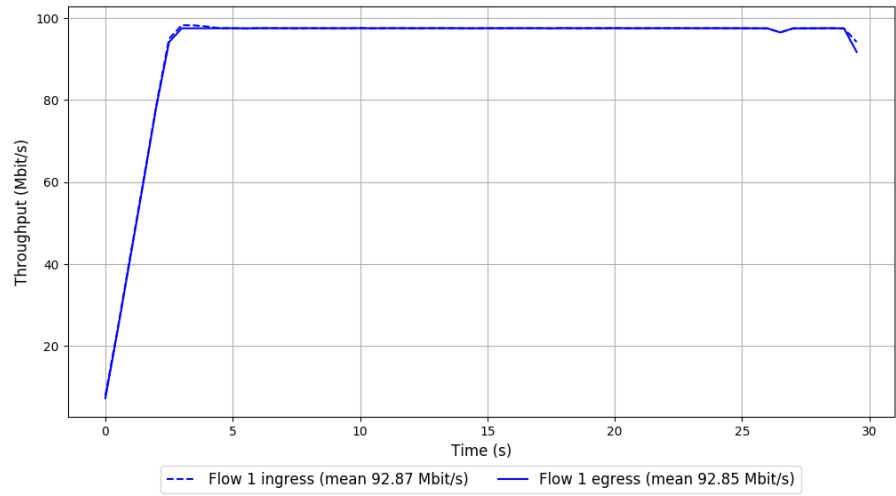
-- Flow 1:

Average throughput: 92.85 Mbit/s

95th percentile per-packet one-way delay: 25.626 ms

Loss rate: 0.13%

Run 5: Report of LEDBAT — Data Link

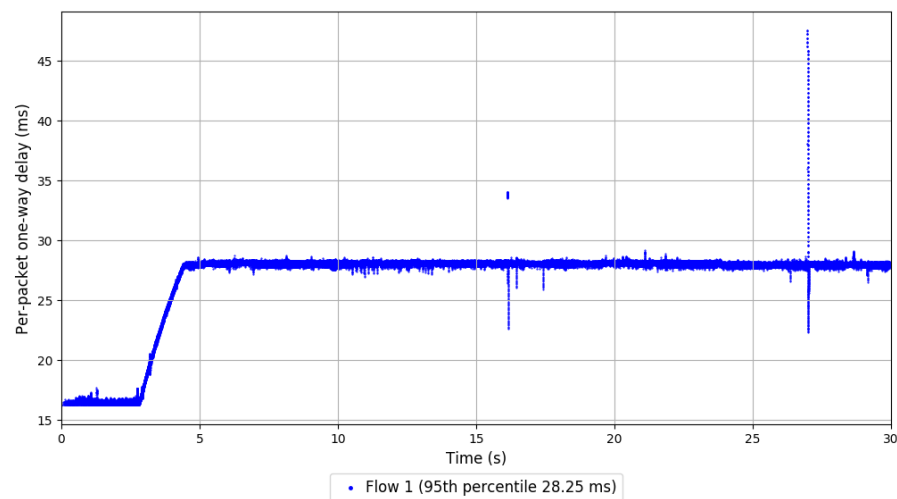
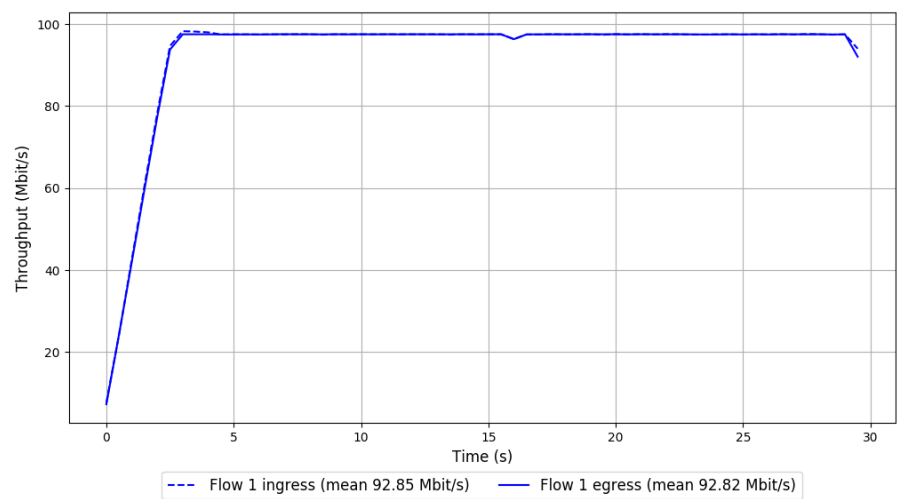


Run 6: Statistics of LEDBAT

Start at: 2018-03-13 02:53:47
End at: 2018-03-13 02:54:17
Local clock offset: 4.87 ms
Remote clock offset: -2.057 ms

Below is generated by plot.py at 2018-03-13 07:58:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.82 Mbit/s
95th percentile per-packet one-way delay: 28.246 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.82 Mbit/s
95th percentile per-packet one-way delay: 28.246 ms
Loss rate: 0.13%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-03-13 03:14:47

End at: 2018-03-13 03:15:17

Local clock offset: 3.791 ms

Remote clock offset: 1.849 ms

Below is generated by plot.py at 2018-03-13 07:58:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.79 Mbit/s

95th percentile per-packet one-way delay: 28.338 ms

Loss rate: 0.13%

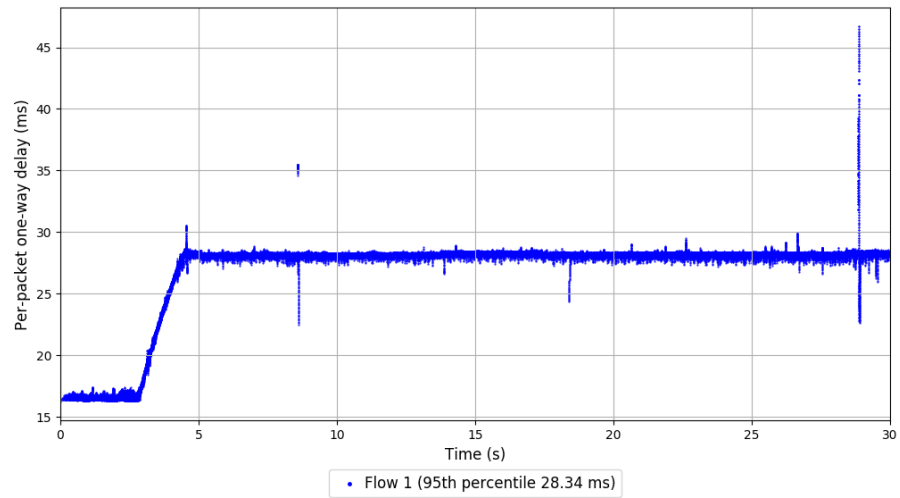
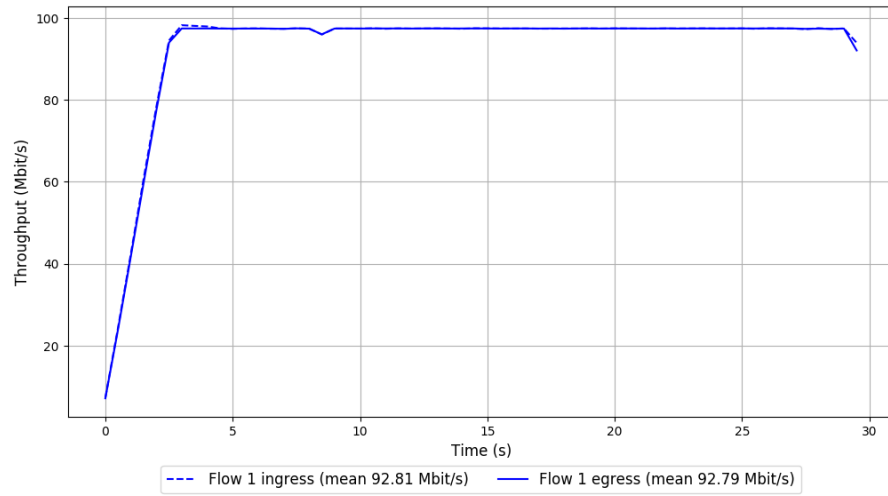
-- Flow 1:

Average throughput: 92.79 Mbit/s

95th percentile per-packet one-way delay: 28.338 ms

Loss rate: 0.13%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-03-13 03:35:41

End at: 2018-03-13 03:36:11

Local clock offset: 4.435 ms

Remote clock offset: 5.586 ms

Below is generated by plot.py at 2018-03-13 07:58:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.83 Mbit/s

95th percentile per-packet one-way delay: 26.839 ms

Loss rate: 0.13%

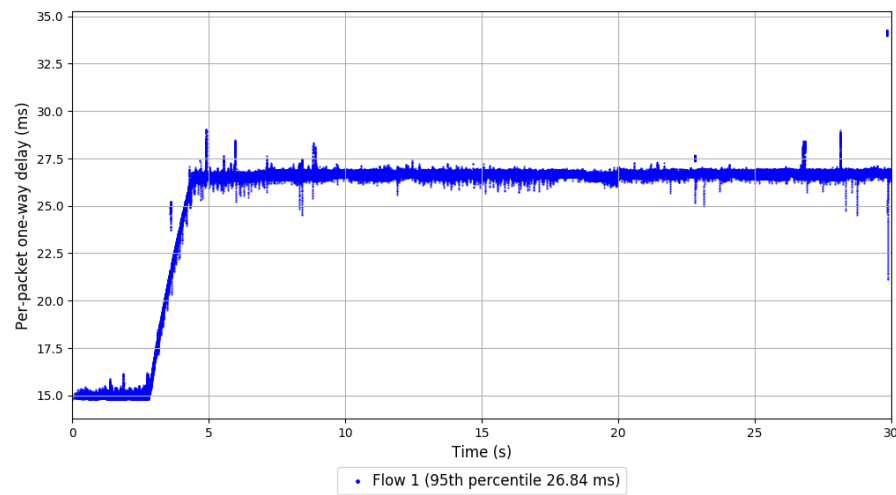
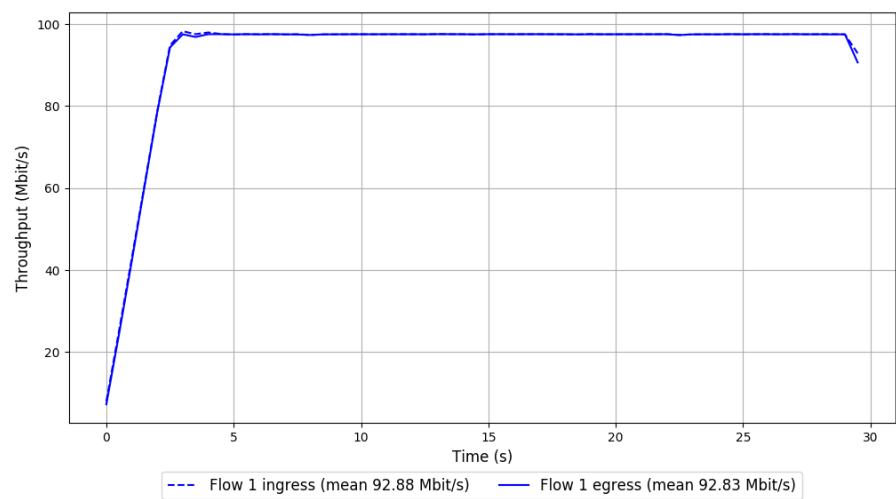
-- Flow 1:

Average throughput: 92.83 Mbit/s

95th percentile per-packet one-way delay: 26.839 ms

Loss rate: 0.13%

Run 8: Report of LEDBAT — Data Link

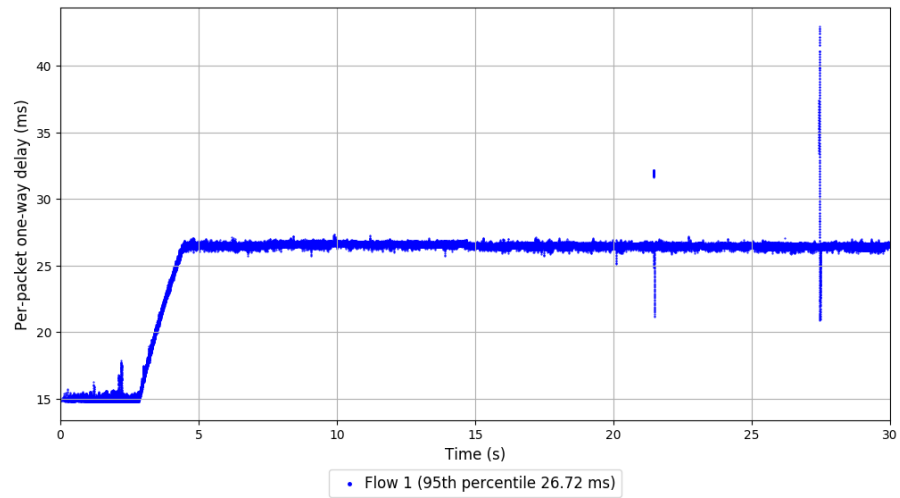
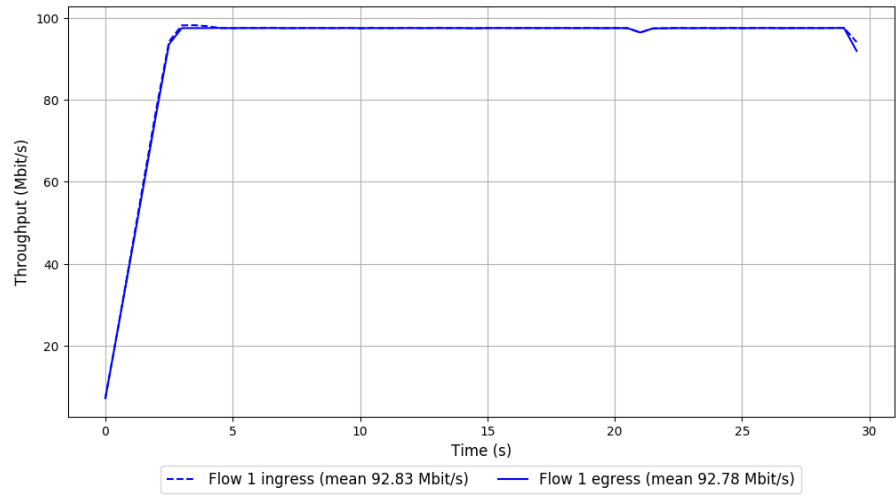


Run 9: Statistics of LEDBAT

Start at: 2018-03-13 03:56:45
End at: 2018-03-13 03:57:15
Local clock offset: 3.862 ms
Remote clock offset: -0.978 ms

Below is generated by plot.py at 2018-03-13 07:58:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.78 Mbit/s
95th percentile per-packet one-way delay: 26.720 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.78 Mbit/s
95th percentile per-packet one-way delay: 26.720 ms
Loss rate: 0.13%

Run 9: Report of LEDBAT — Data Link

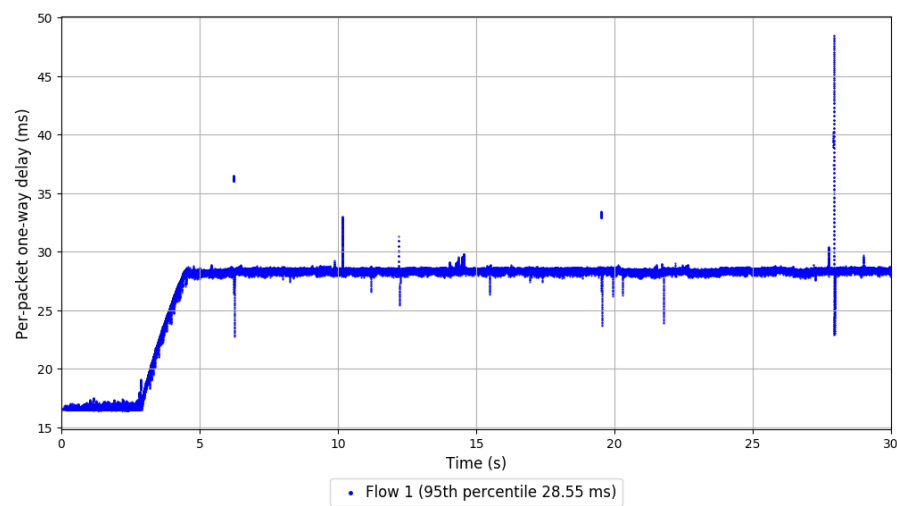
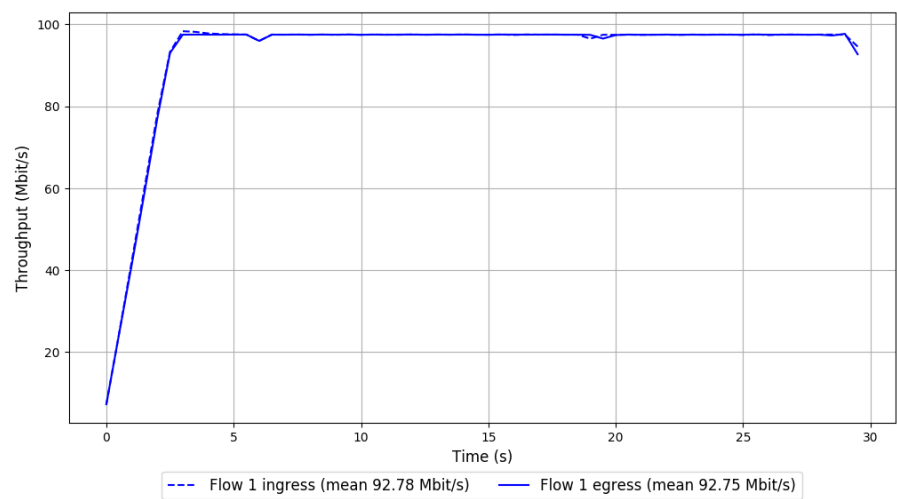


Run 10: Statistics of LEDBAT

Start at: 2018-03-13 04:17:50
End at: 2018-03-13 04:18:20
Local clock offset: 5.247 ms
Remote clock offset: -0.676 ms

Below is generated by plot.py at 2018-03-13 07:58:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 28.546 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 28.546 ms
Loss rate: 0.13%

Run 10: Report of LEDBAT — Data Link

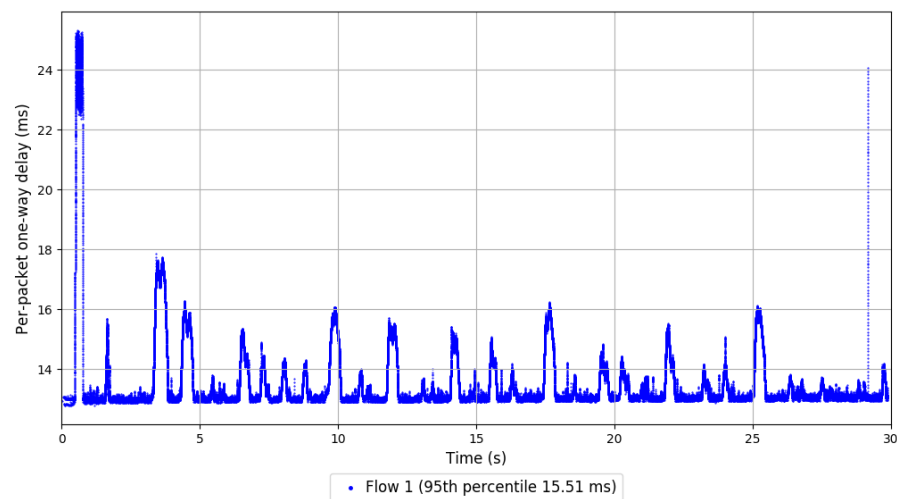
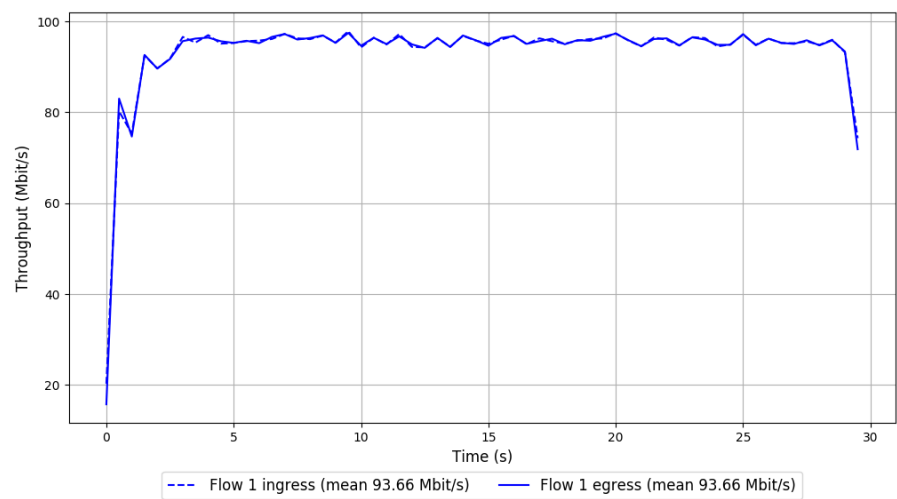


```
Run 1: Statistics of PCC

Start at: 2018-03-13 01:03:10
End at: 2018-03-13 01:03:40
Local clock offset: 0.575 ms
Remote clock offset: 4.829 ms

# Below is generated by plot.py at 2018-03-13 07:58:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 15.507 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 15.507 ms
Loss rate: 0.09%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-03-13 01:24:13

End at: 2018-03-13 01:24:43

Local clock offset: 1.073 ms

Remote clock offset: 3.22 ms

Below is generated by plot.py at 2018-03-13 07:58:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.03 Mbit/s

95th percentile per-packet one-way delay: 16.930 ms

Loss rate: 0.09%

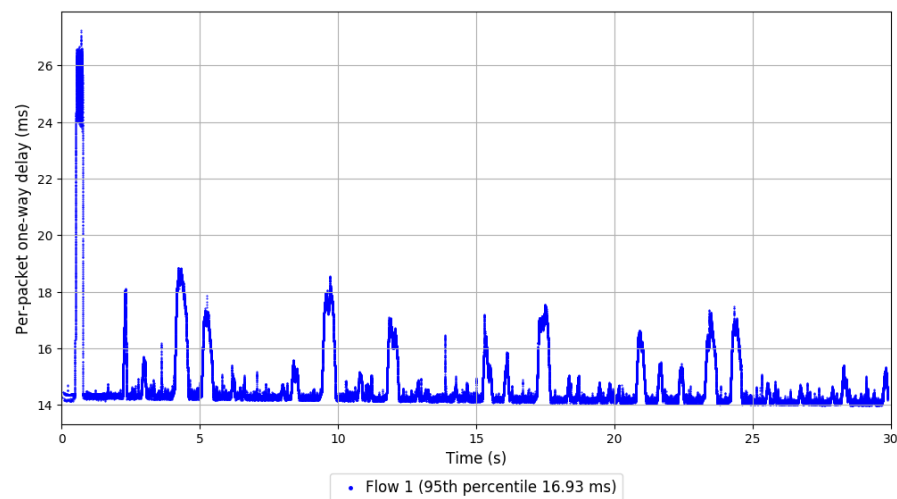
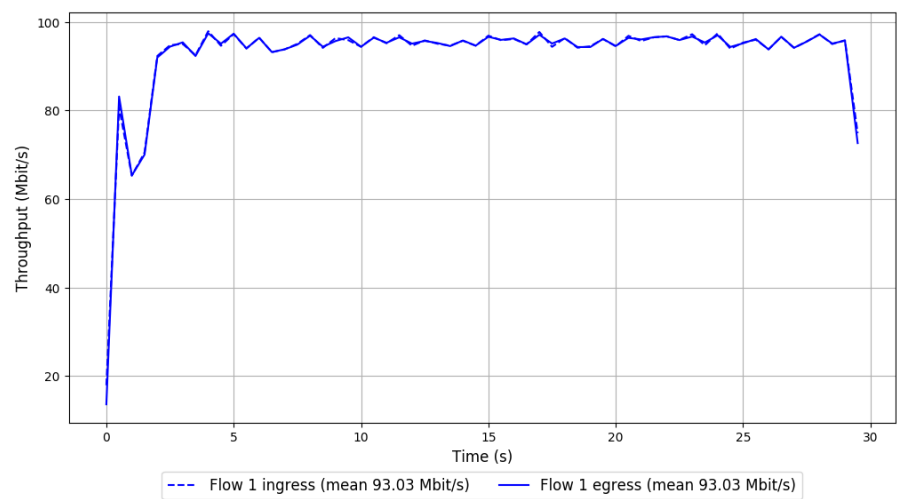
-- Flow 1:

Average throughput: 93.03 Mbit/s

95th percentile per-packet one-way delay: 16.930 ms

Loss rate: 0.09%

Run 2: Report of PCC — Data Link

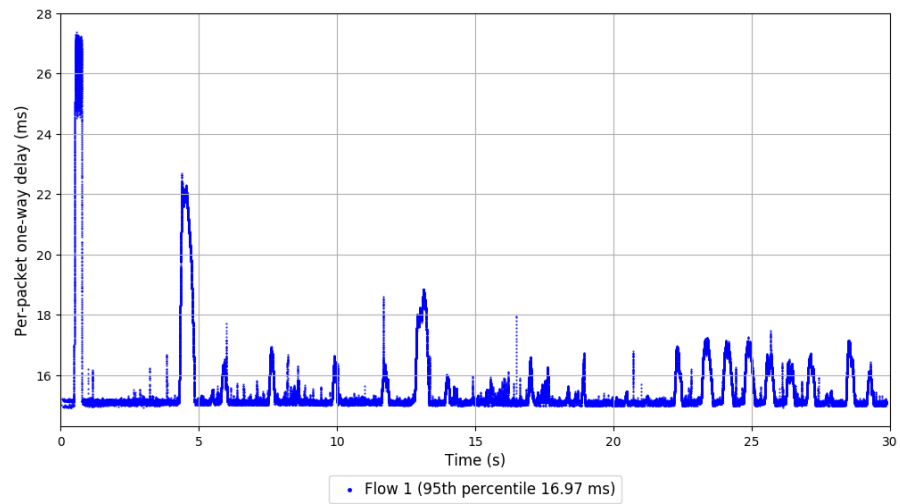
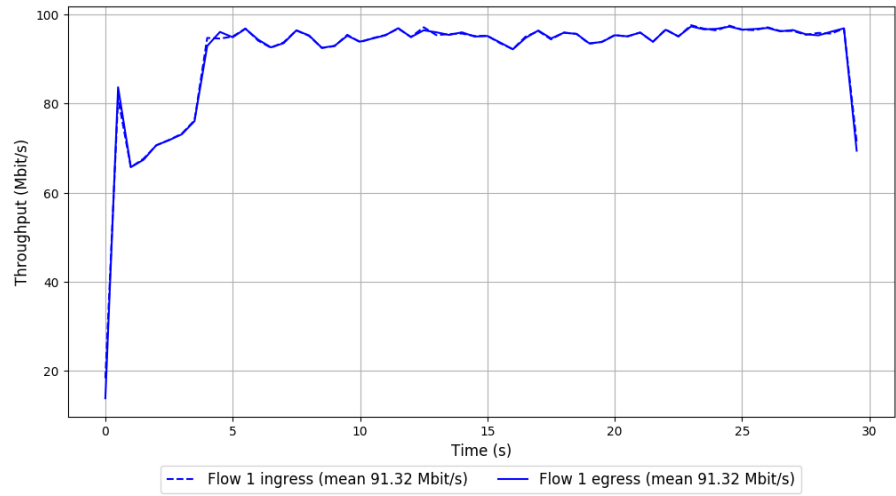


Run 3: Statistics of PCC

Start at: 2018-03-13 01:45:03
End at: 2018-03-13 01:45:33
Local clock offset: 2.747 ms
Remote clock offset: -1.476 ms

Below is generated by plot.py at 2018-03-13 07:59:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.32 Mbit/s
95th percentile per-packet one-way delay: 16.972 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 91.32 Mbit/s
95th percentile per-packet one-way delay: 16.972 ms
Loss rate: 0.09%

Run 3: Report of PCC — Data Link

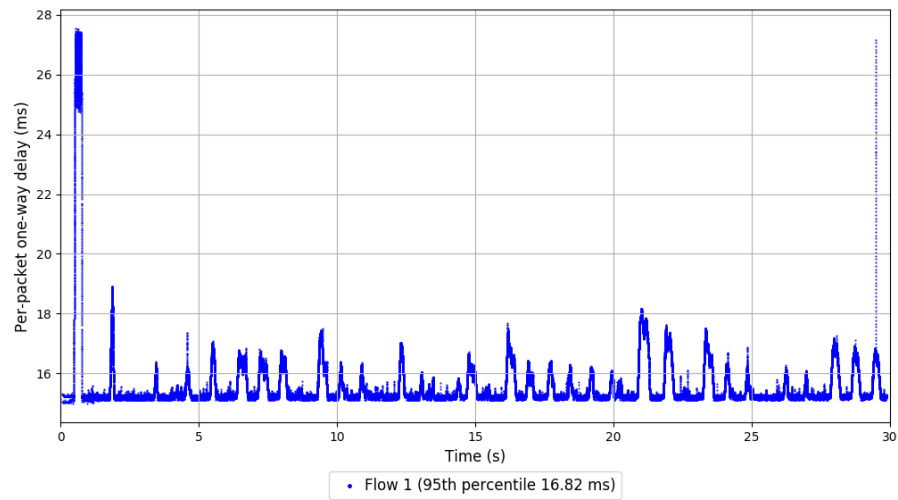
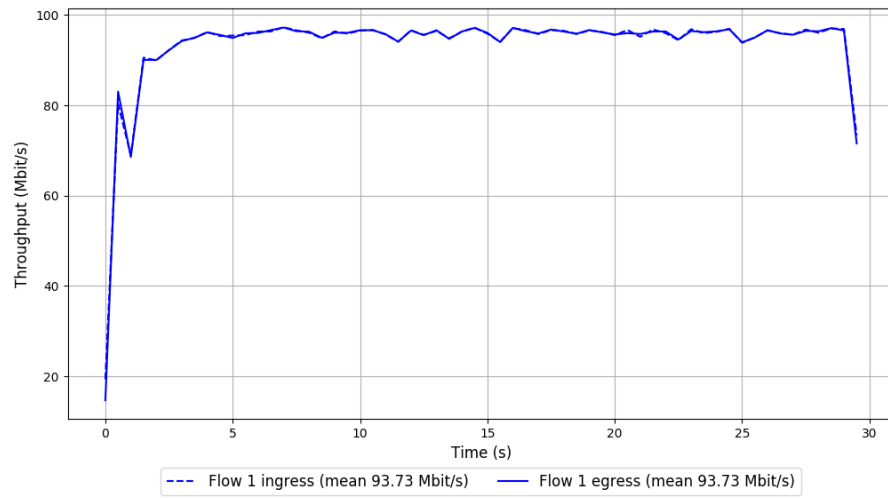


Run 4: Statistics of PCC

Start at: 2018-03-13 02:05:55
End at: 2018-03-13 02:06:25
Local clock offset: 2.784 ms
Remote clock offset: -2.194 ms

Below is generated by plot.py at 2018-03-13 07:59:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 16.825 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 16.825 ms
Loss rate: 0.09%

Run 4: Report of PCC — Data Link

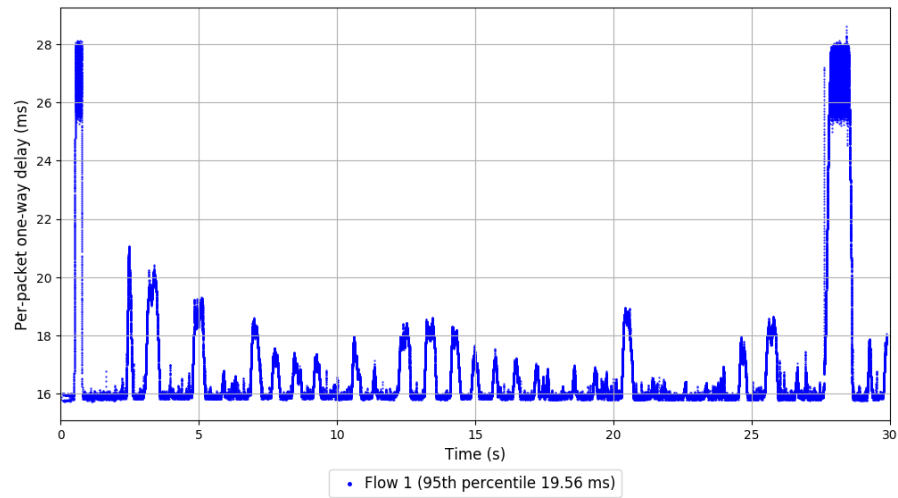
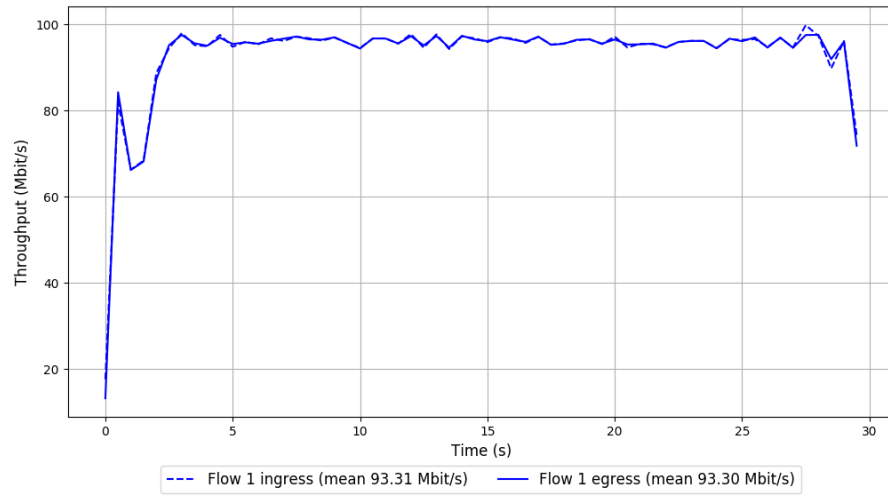


Run 5: Statistics of PCC

Start at: 2018-03-13 02:26:48
End at: 2018-03-13 02:27:18
Local clock offset: 5.14 ms
Remote clock offset: -2.863 ms

Below is generated by plot.py at 2018-03-13 07:59:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.30 Mbit/s
95th percentile per-packet one-way delay: 19.564 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 93.30 Mbit/s
95th percentile per-packet one-way delay: 19.564 ms
Loss rate: 0.10%

Run 5: Report of PCC — Data Link

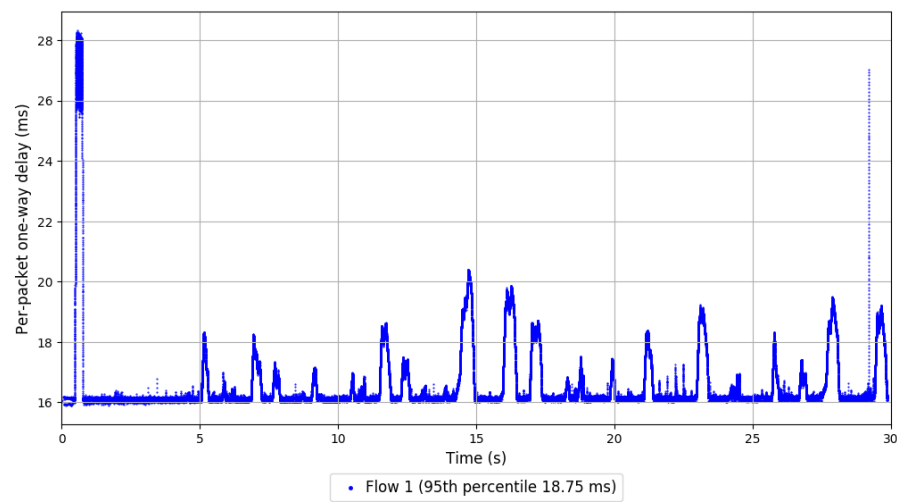
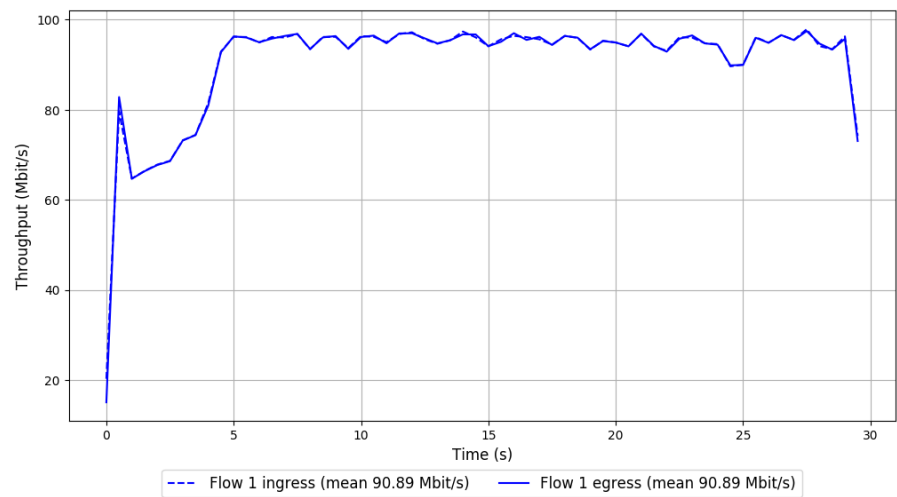


Run 6: Statistics of PCC

Start at: 2018-03-13 02:47:52
End at: 2018-03-13 02:48:22
Local clock offset: 5.866 ms
Remote clock offset: -1.098 ms

Below is generated by plot.py at 2018-03-13 07:59:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.89 Mbit/s
95th percentile per-packet one-way delay: 18.750 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 90.89 Mbit/s
95th percentile per-packet one-way delay: 18.750 ms
Loss rate: 0.09%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-03-13 03:08:51

End at: 2018-03-13 03:09:21

Local clock offset: 3.326 ms

Remote clock offset: 1.083 ms

Below is generated by plot.py at 2018-03-13 07:59:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.95 Mbit/s

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

Loss rate: 0.09%

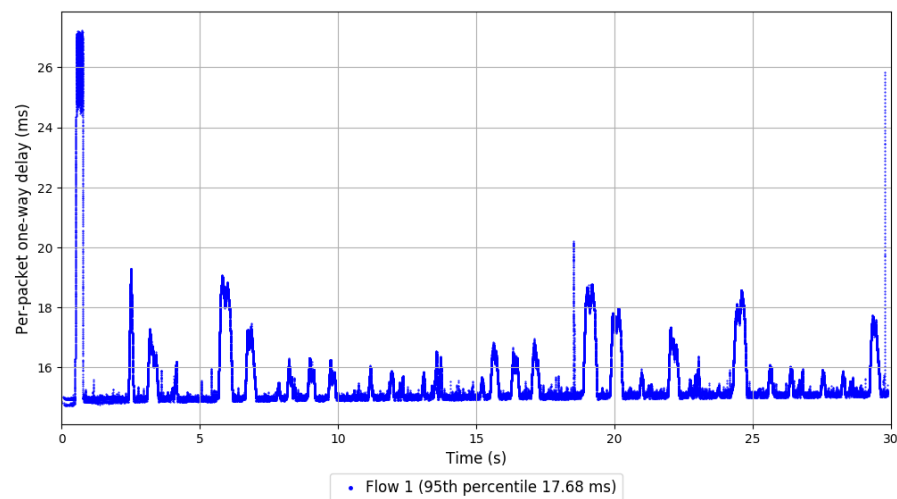
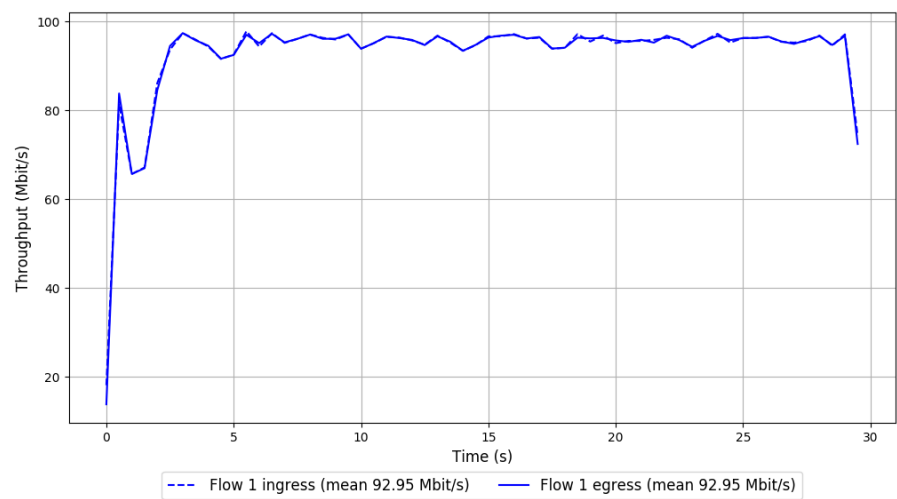
-- Flow 1:

Average throughput: 92.95 Mbit/s

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

Loss rate: 0.09%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-03-13 03:29:48

End at: 2018-03-13 03:30:18

Local clock offset: 4.268 ms

Remote clock offset: 3.544 ms

Below is generated by plot.py at 2018-03-13 07:59:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.10 Mbit/s

95th percentile per-packet one-way delay: 19.573 ms

Loss rate: 0.10%

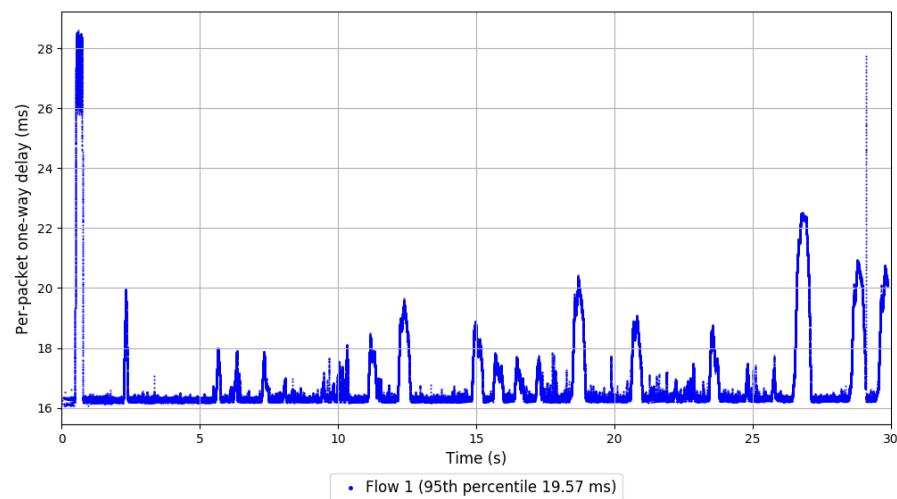
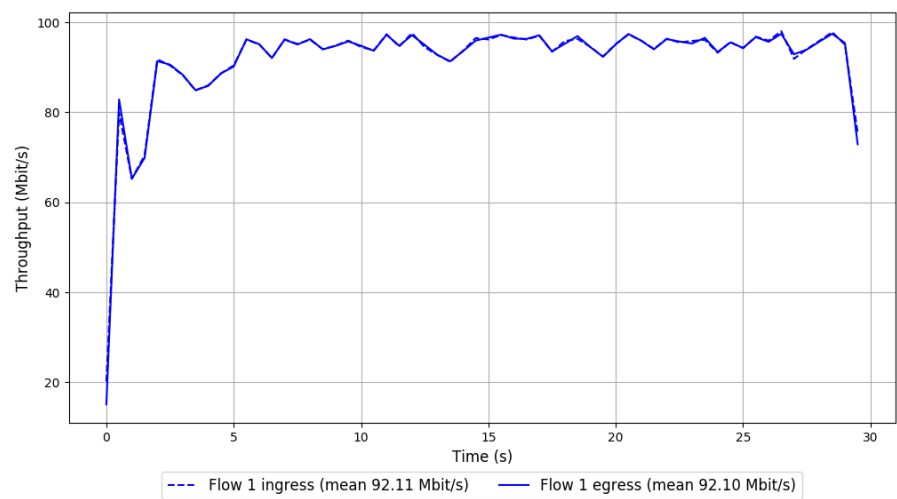
-- Flow 1:

Average throughput: 92.10 Mbit/s

95th percentile per-packet one-way delay: 19.573 ms

Loss rate: 0.10%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-03-13 03:50:49

End at: 2018-03-13 03:51:19

Local clock offset: 3.887 ms

Remote clock offset: 0.338 ms

Below is generated by plot.py at 2018-03-13 07:59:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.62 Mbit/s

95th percentile per-packet one-way delay: 17.005 ms

Loss rate: 0.09%

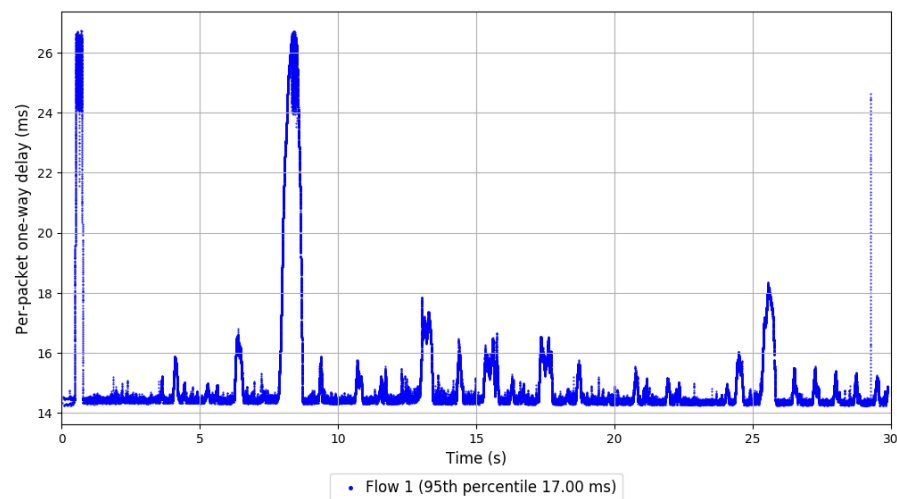
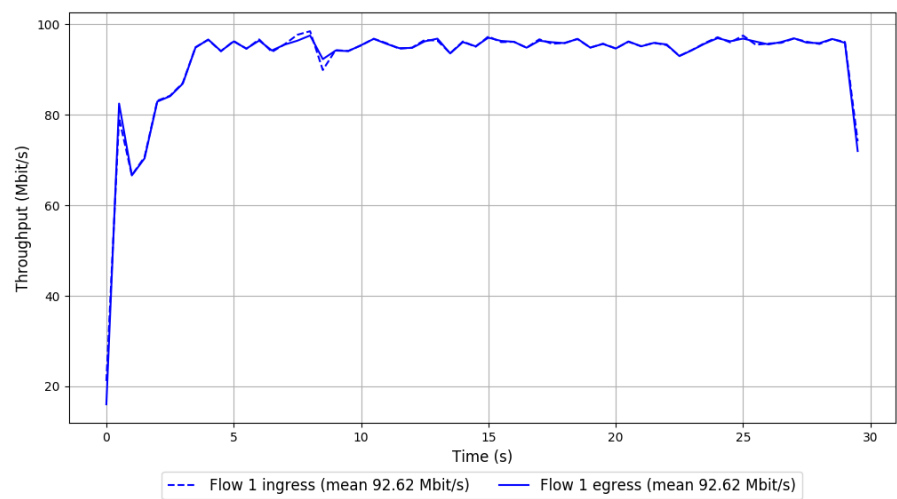
-- Flow 1:

Average throughput: 92.62 Mbit/s

95th percentile per-packet one-way delay: 17.005 ms

Loss rate: 0.09%

Run 9: Report of PCC — Data Link

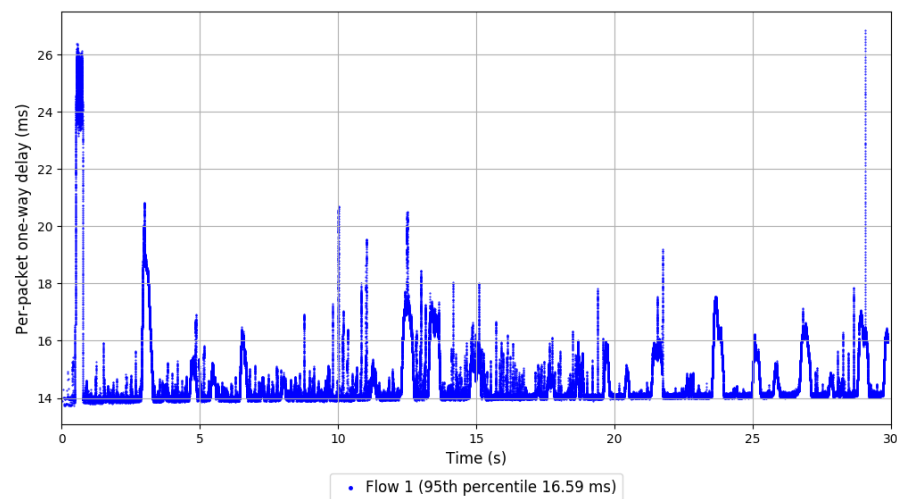
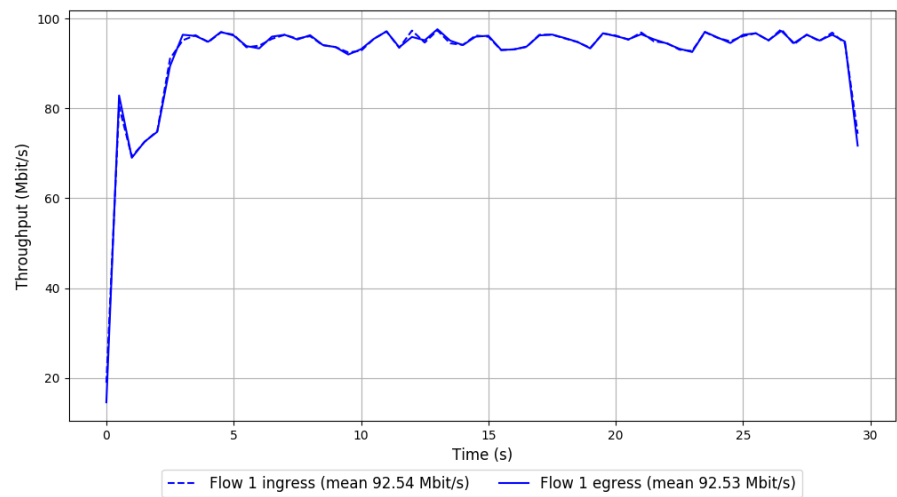


Run 10: Statistics of PCC

Start at: 2018-03-13 04:11:54
End at: 2018-03-13 04:12:24
Local clock offset: 3.092 ms
Remote clock offset: -1.713 ms

Below is generated by plot.py at 2018-03-13 07:59:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.53 Mbit/s
95th percentile per-packet one-way delay: 16.587 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 92.53 Mbit/s
95th percentile per-packet one-way delay: 16.587 ms
Loss rate: 0.10%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-03-13 00:55:06

End at: 2018-03-13 00:55:36

Local clock offset: 3.018 ms

Remote clock offset: 6.324 ms

Below is generated by plot.py at 2018-03-13 08:01:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.65 Mbit/s

95th percentile per-packet one-way delay: 25.330 ms

Loss rate: 0.14%

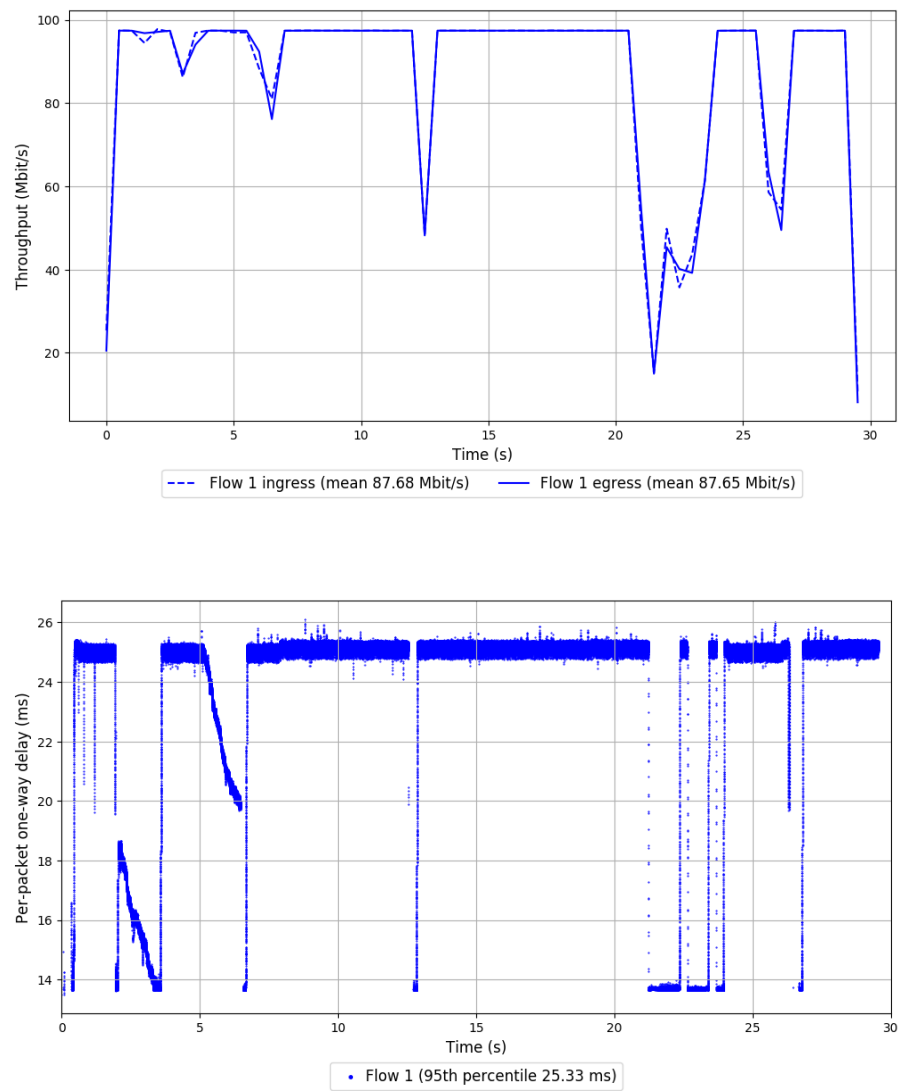
-- Flow 1:

Average throughput: 87.65 Mbit/s

95th percentile per-packet one-way delay: 25.330 ms

Loss rate: 0.14%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-13 01:16:10

End at: 2018-03-13 01:16:40

Local clock offset: 4.759 ms

Remote clock offset: 5.102 ms

Below is generated by plot.py at 2018-03-13 08:01:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.98 Mbit/s

95th percentile per-packet one-way delay: 29.613 ms

Loss rate: 0.09%

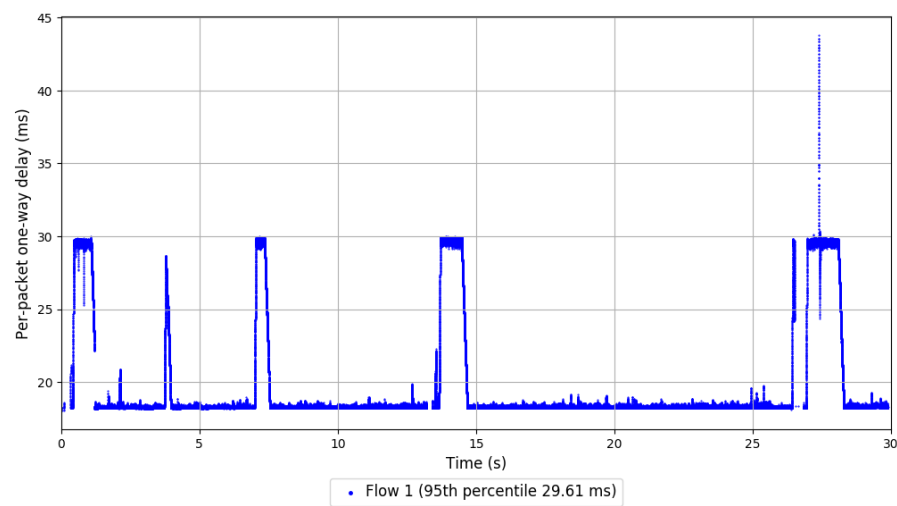
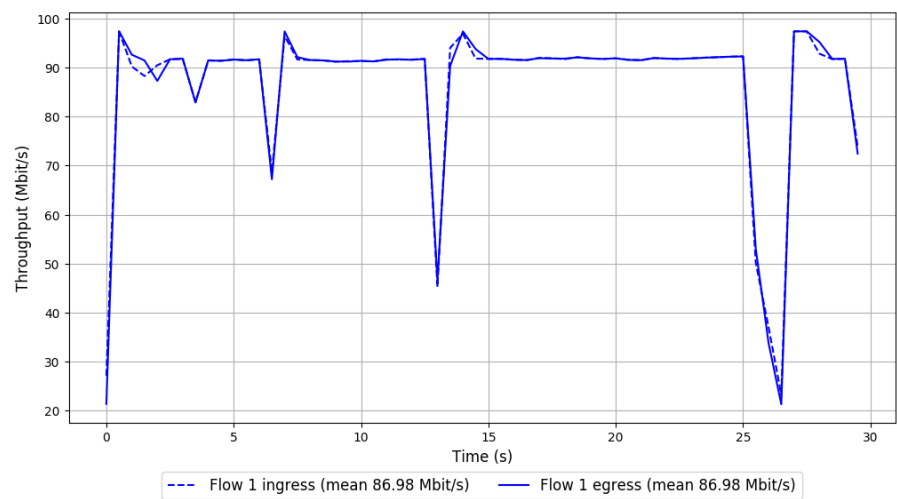
-- Flow 1:

Average throughput: 86.98 Mbit/s

95th percentile per-packet one-way delay: 29.613 ms

Loss rate: 0.09%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-03-13 01:37:03

End at: 2018-03-13 01:37:33

Local clock offset: 0.309 ms

Remote clock offset: -0.965 ms

Below is generated by plot.py at 2018-03-13 08:01:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.88 Mbit/s

95th percentile per-packet one-way delay: 25.228 ms

Loss rate: 0.13%

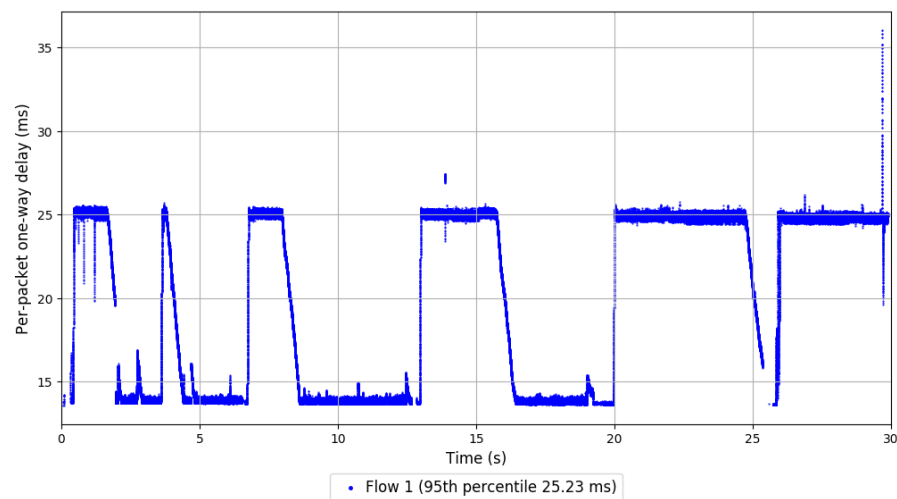
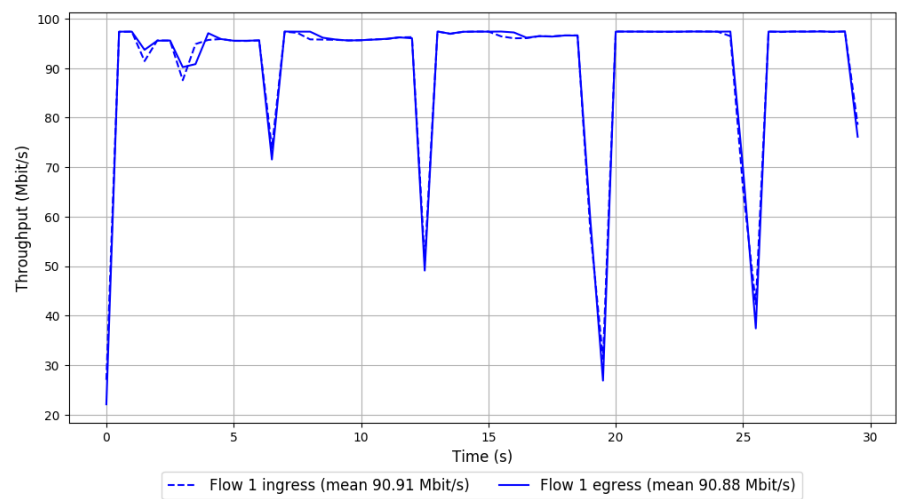
-- Flow 1:

Average throughput: 90.88 Mbit/s

95th percentile per-packet one-way delay: 25.228 ms

Loss rate: 0.13%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-13 01:57:57

End at: 2018-03-13 01:58:27

Local clock offset: 3.725 ms

Remote clock offset: -2.034 ms

Below is generated by plot.py at 2018-03-13 08:01:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.17 Mbit/s

95th percentile per-packet one-way delay: 27.457 ms

Loss rate: 0.09%

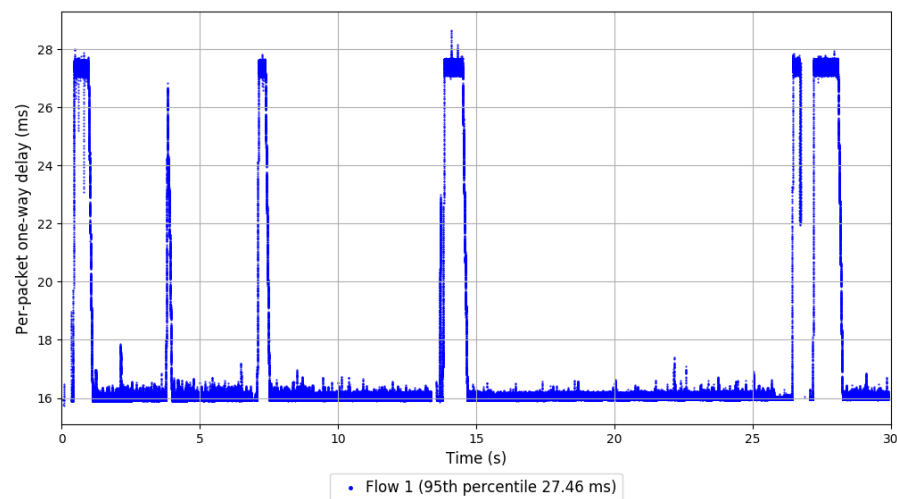
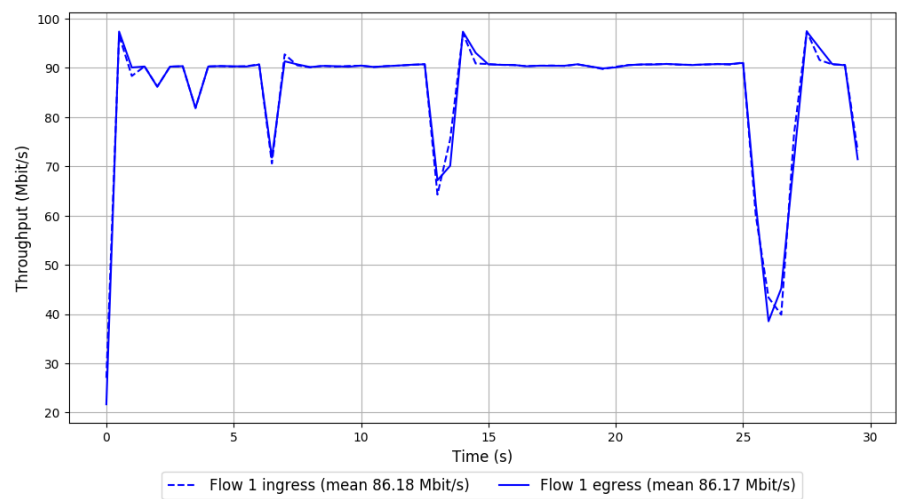
-- Flow 1:

Average throughput: 86.17 Mbit/s

95th percentile per-packet one-way delay: 27.457 ms

Loss rate: 0.09%

Run 4: Report of QUIC Cubic — Data Link

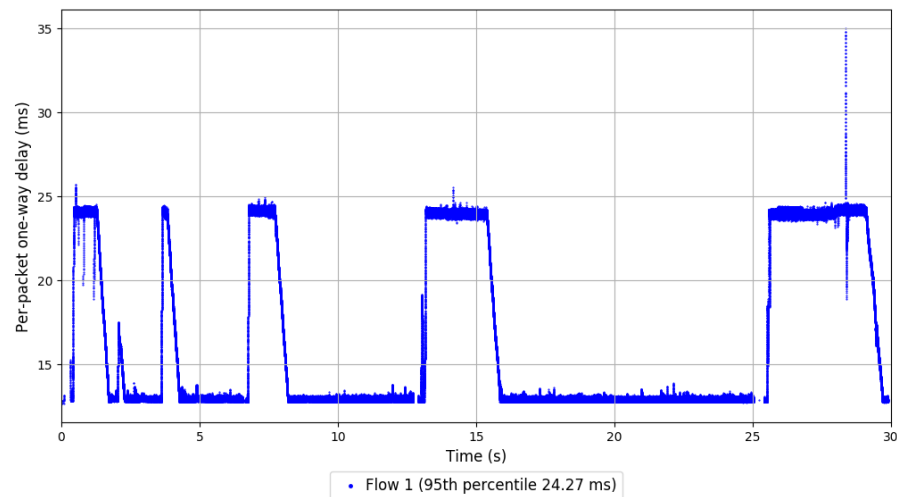
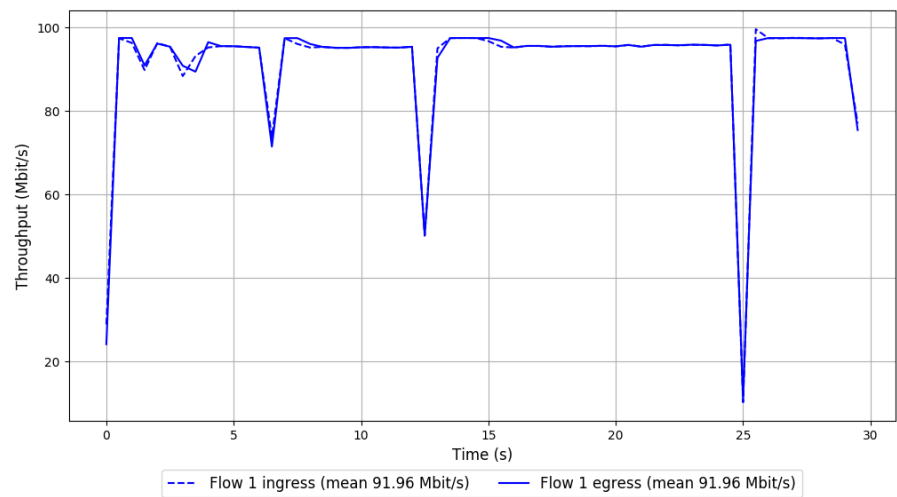


Run 5: Statistics of QUIC Cubic

Start at: 2018-03-13 02:18:50
End at: 2018-03-13 02:19:20
Local clock offset: 2.952 ms
Remote clock offset: -1.151 ms

Below is generated by plot.py at 2018-03-13 08:01:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.96 Mbit/s
95th percentile per-packet one-way delay: 24.266 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 91.96 Mbit/s
95th percentile per-packet one-way delay: 24.266 ms
Loss rate: 0.09%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-13 02:39:44

End at: 2018-03-13 02:40:14

Local clock offset: 7.136 ms

Remote clock offset: -1.625 ms

Below is generated by plot.py at 2018-03-13 08:01:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.18 Mbit/s

95th percentile per-packet one-way delay: 28.735 ms

Loss rate: 0.13%

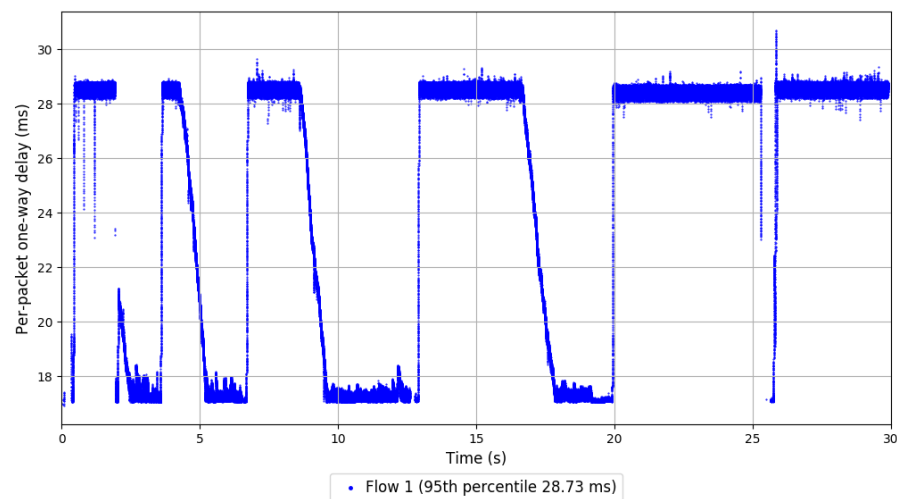
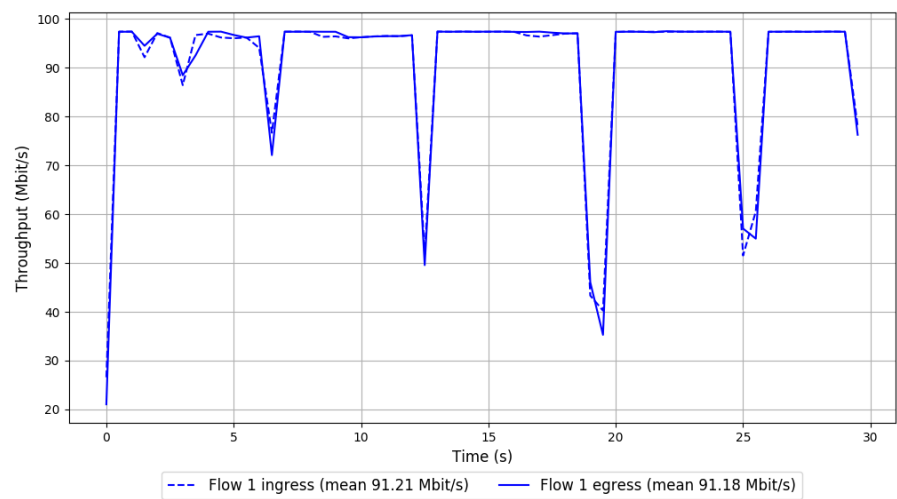
-- Flow 1:

Average throughput: 91.18 Mbit/s

95th percentile per-packet one-way delay: 28.735 ms

Loss rate: 0.13%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-03-13 03:00:46

End at: 2018-03-13 03:01:16

Local clock offset: 3.712 ms

Remote clock offset: -2.17 ms

Below is generated by plot.py at 2018-03-13 08:01:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.27 Mbit/s

95th percentile per-packet one-way delay: 27.104 ms

Loss rate: 0.13%

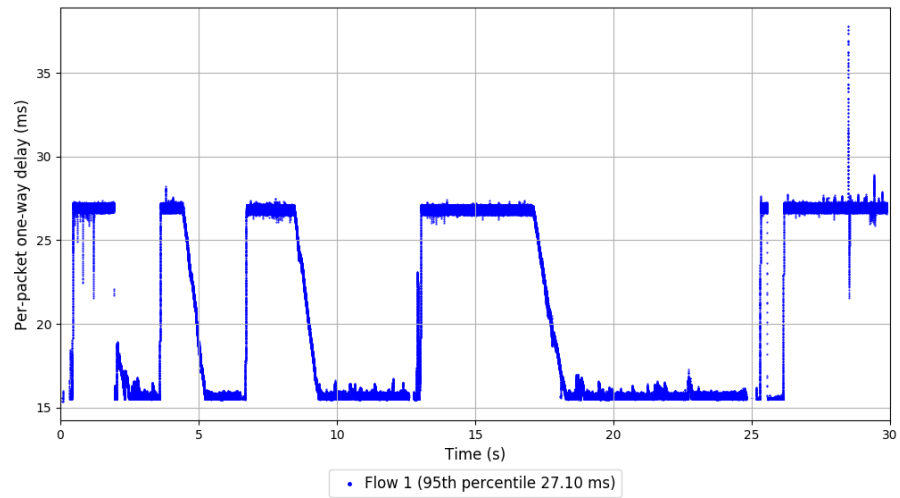
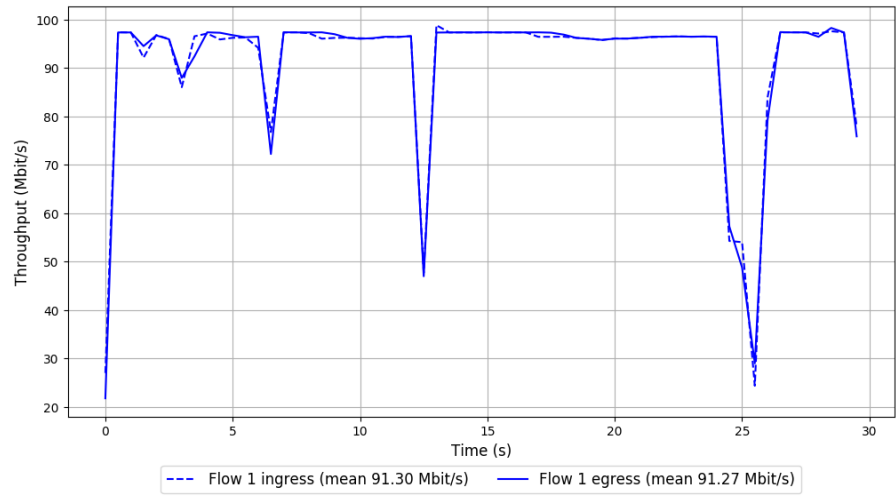
-- Flow 1:

Average throughput: 91.27 Mbit/s

95th percentile per-packet one-way delay: 27.104 ms

Loss rate: 0.13%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-03-13 03:21:45

End at: 2018-03-13 03:22:15

Local clock offset: 0.094 ms

Remote clock offset: 3.465 ms

Below is generated by plot.py at 2018-03-13 08:01:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.86 Mbit/s

95th percentile per-packet one-way delay: 23.219 ms

Loss rate: 0.09%

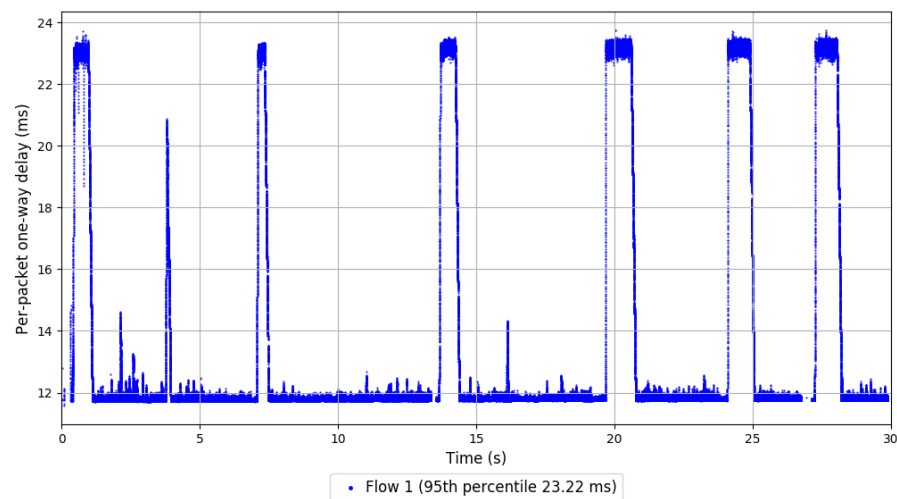
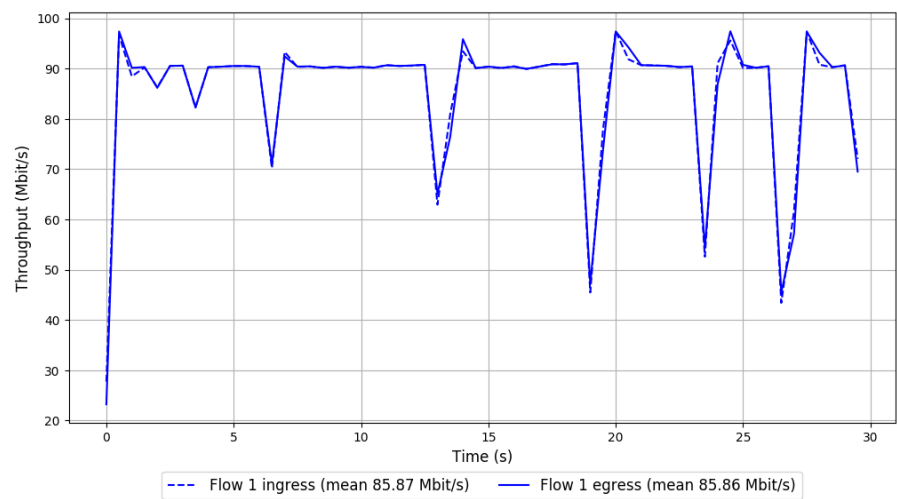
-- Flow 1:

Average throughput: 85.86 Mbit/s

95th percentile per-packet one-way delay: 23.219 ms

Loss rate: 0.09%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-13 03:42:48

End at: 2018-03-13 03:43:18

Local clock offset: 5.062 ms

Remote clock offset: 1.215 ms

Below is generated by plot.py at 2018-03-13 08:02:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.84 Mbit/s

95th percentile per-packet one-way delay: 28.130 ms

Loss rate: 0.09%

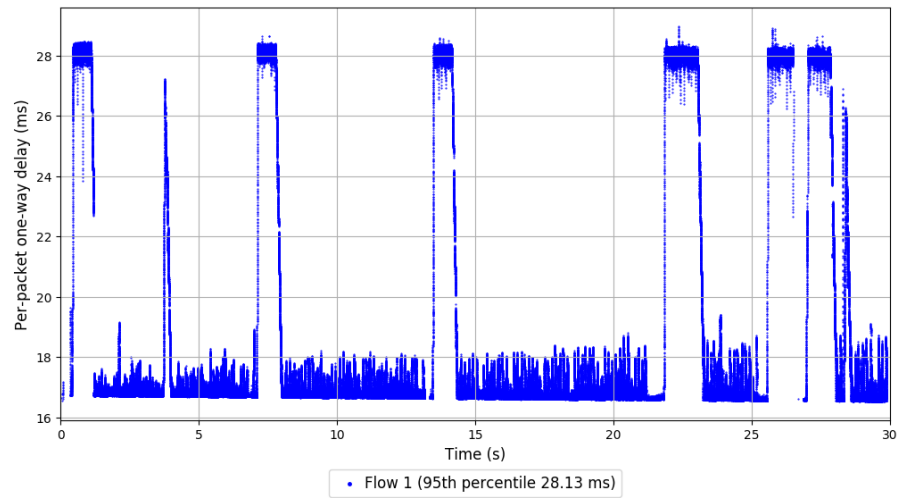
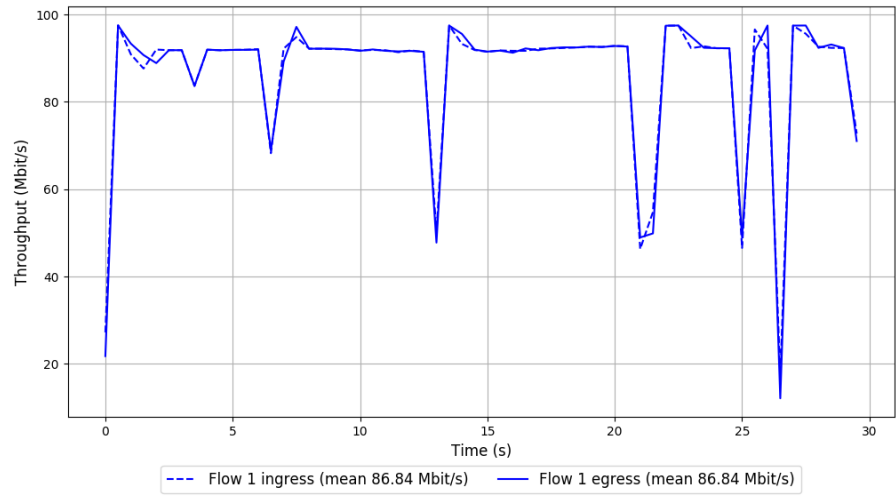
-- Flow 1:

Average throughput: 86.84 Mbit/s

95th percentile per-packet one-way delay: 28.130 ms

Loss rate: 0.09%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-13 04:03:42

End at: 2018-03-13 04:04:12

Local clock offset: 4.372 ms

Remote clock offset: -0.988 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.31 Mbit/s

95th percentile per-packet one-way delay: 26.289 ms

Loss rate: 0.13%

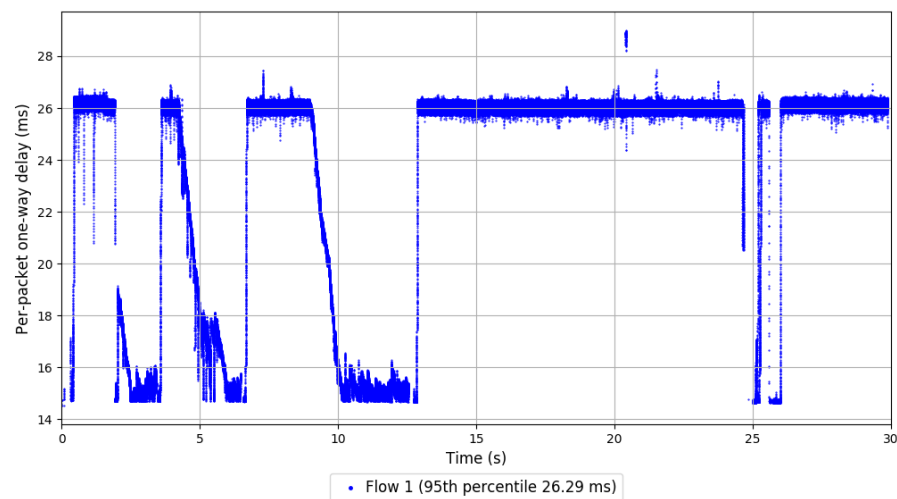
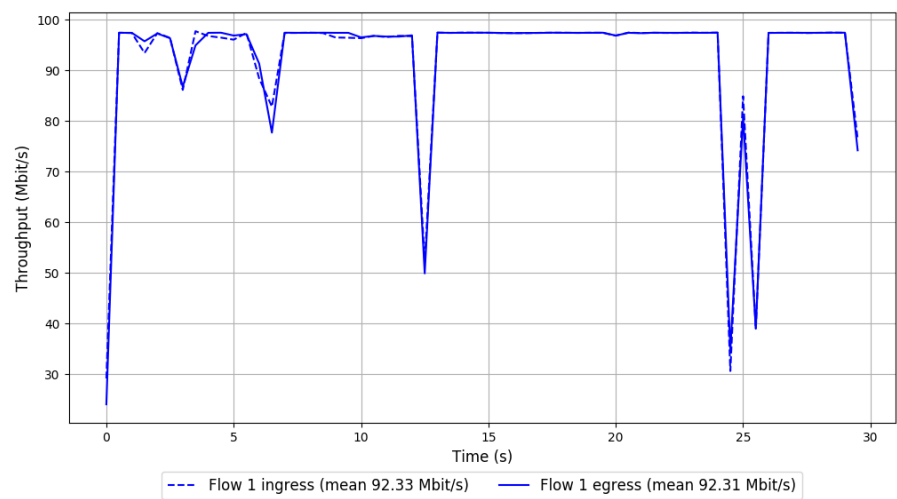
-- Flow 1:

Average throughput: 92.31 Mbit/s

95th percentile per-packet one-way delay: 26.289 ms

Loss rate: 0.13%

Run 10: Report of QUIC Cubic — Data Link

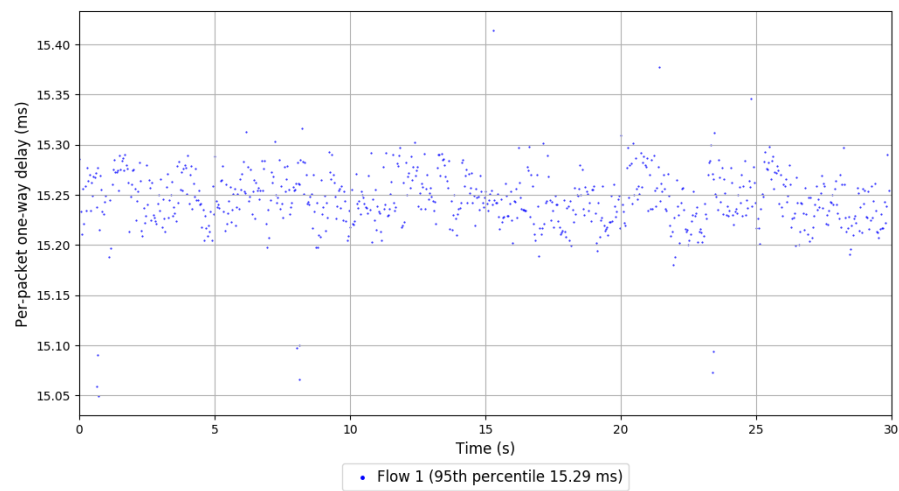
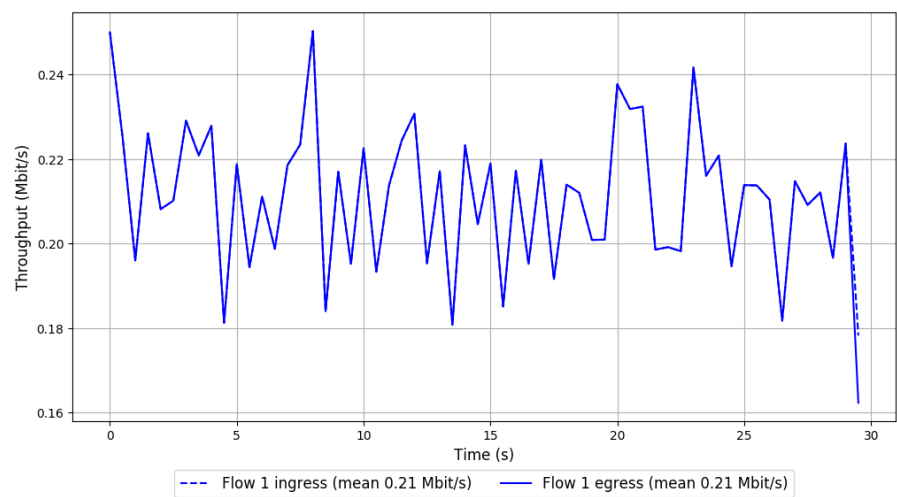


```
Run 1: Statistics of SCReAM

Start at: 2018-03-13 00:57:27
End at: 2018-03-13 00:57:57
Local clock offset: 2.215 ms
Remote clock offset: 3.969 ms

# Below is generated by plot.py at 2018-03-13 08:02:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.288 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.288 ms
Loss rate: 0.13%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-03-13 01:18:29

End at: 2018-03-13 01:18:59

Local clock offset: 0.142 ms

Remote clock offset: 5.13 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 13.921 ms

Loss rate: 0.13%

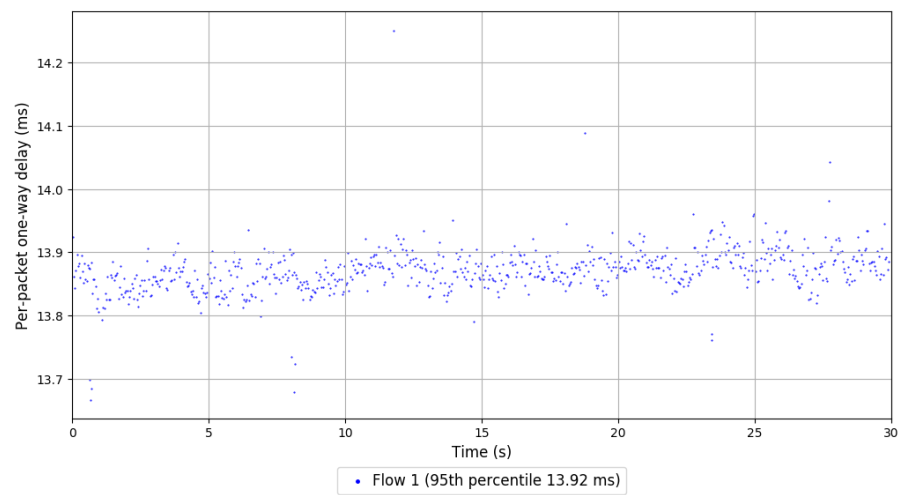
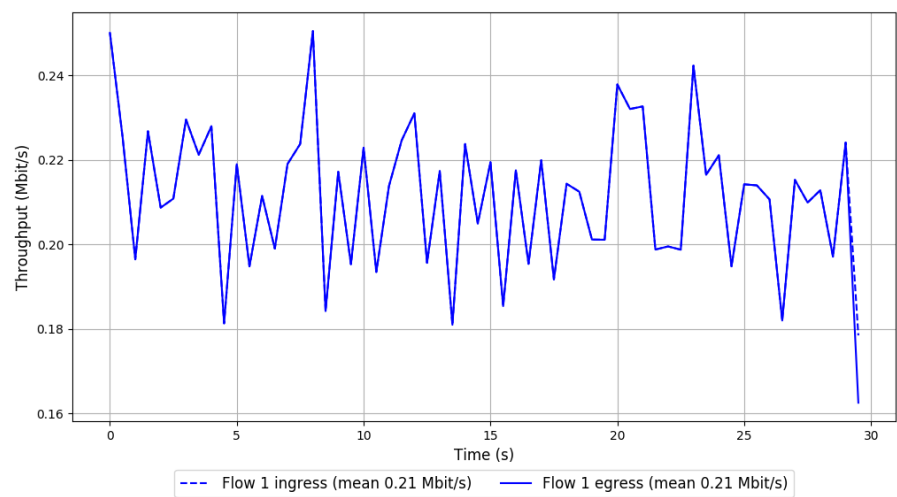
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 13.921 ms

Loss rate: 0.13%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-03-13 01:39:22

End at: 2018-03-13 01:39:52

Local clock offset: 1.05 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 13.024 ms

Loss rate: 0.13%

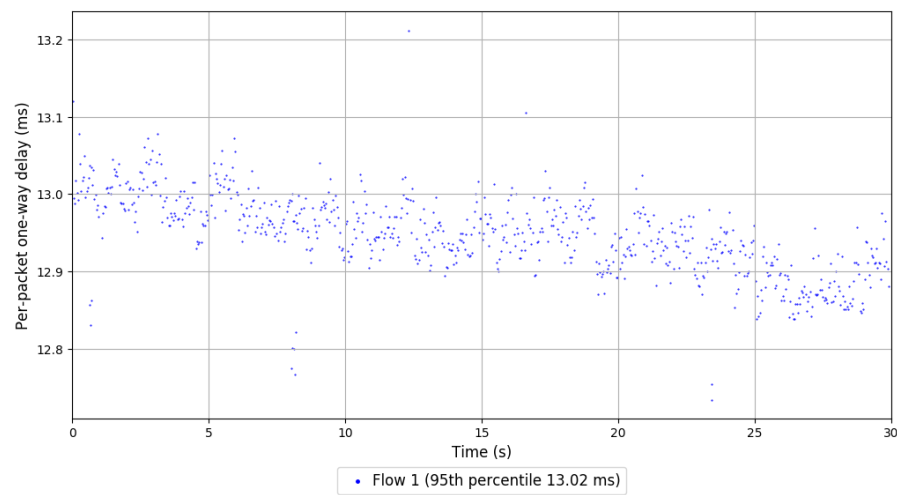
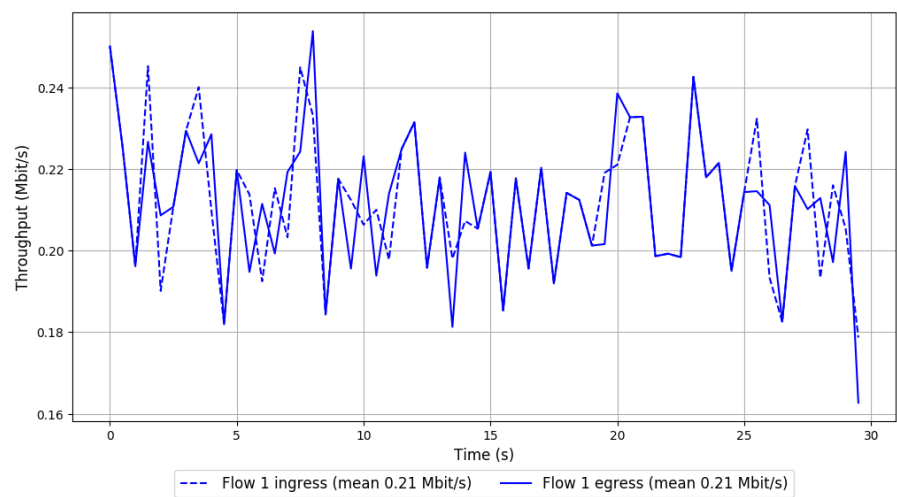
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 13.024 ms

Loss rate: 0.13%

Run 3: Report of SReAM — Data Link

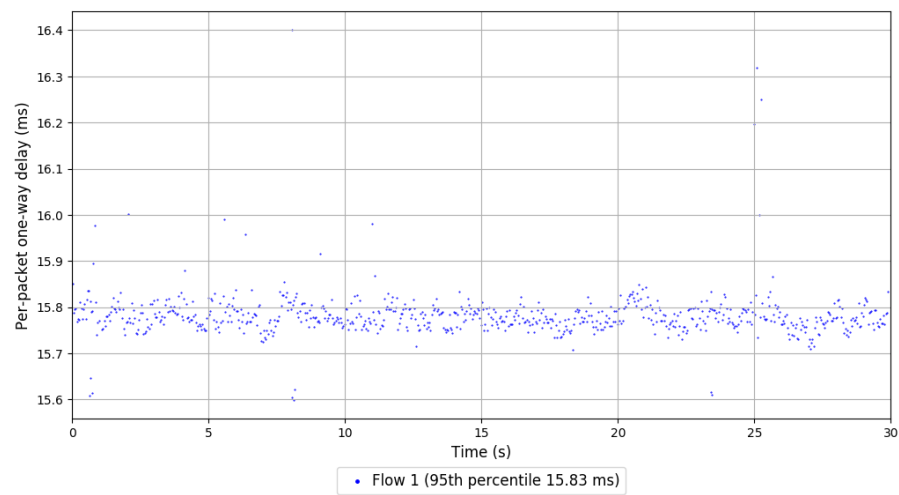
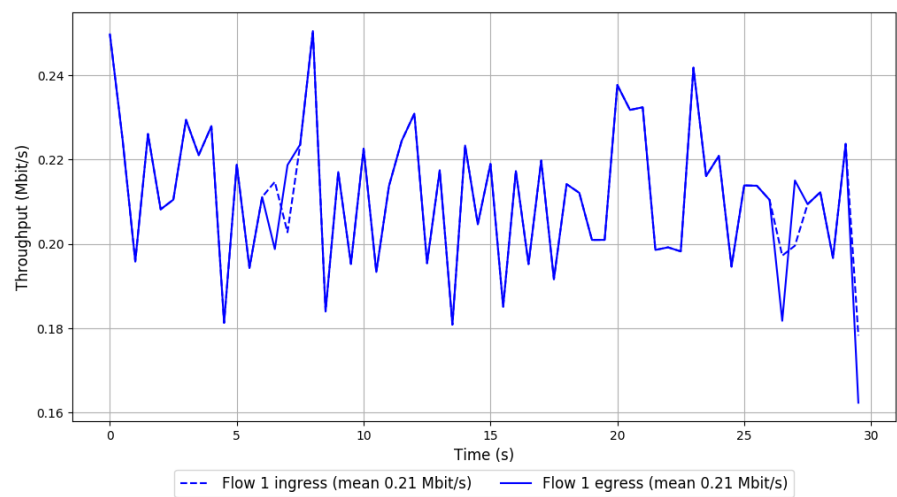


Run 4: Statistics of SCReAM

Start at: 2018-03-13 02:00:15
End at: 2018-03-13 02:00:45
Local clock offset: 3.083 ms
Remote clock offset: -2.393 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.828 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.828 ms
Loss rate: 0.13%

Run 4: Report of SReAM — Data Link

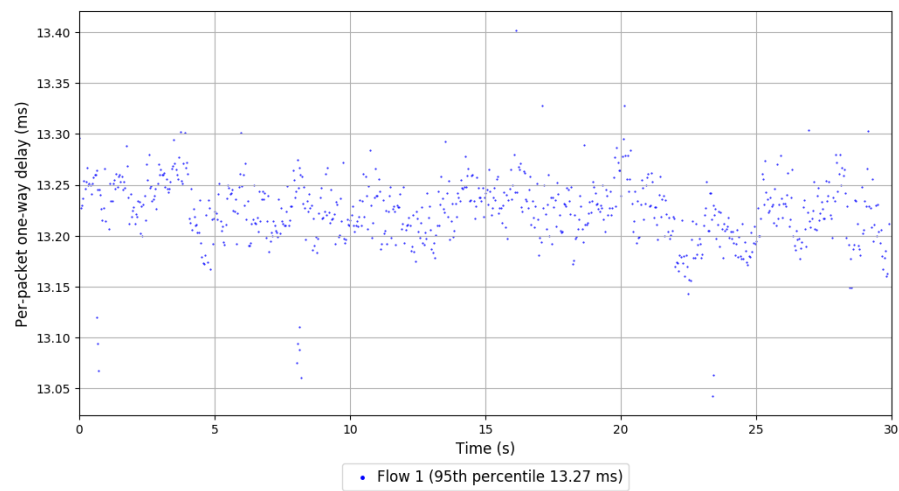
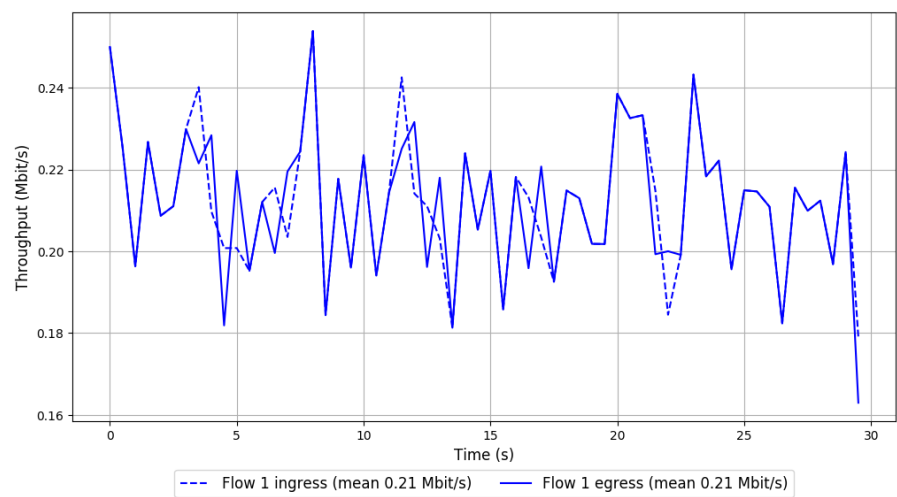


Run 5: Statistics of SCReAM

Start at: 2018-03-13 02:21:08
End at: 2018-03-13 02:21:38
Local clock offset: 2.601 ms
Remote clock offset: -2.133 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.270 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.270 ms
Loss rate: 0.13%

Run 5: Report of SReAM — Data Link

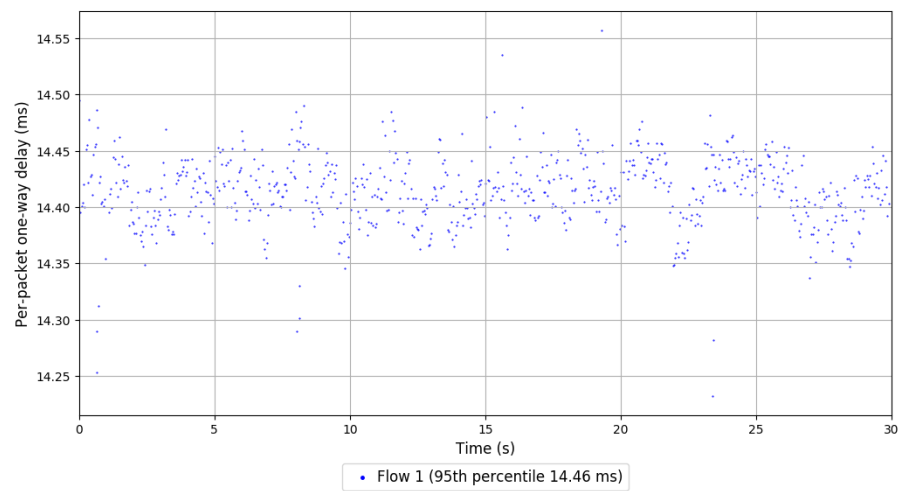
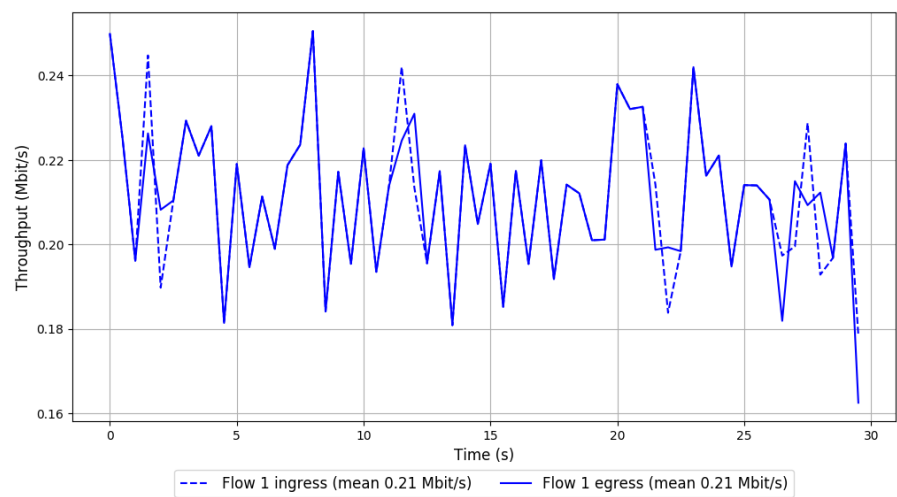


Run 6: Statistics of SCReAM

Start at: 2018-03-13 02:42:04
End at: 2018-03-13 02:42:34
Local clock offset: 4.235 ms
Remote clock offset: -1.868 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.459 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.459 ms
Loss rate: 0.13%

Run 6: Report of SReAM — Data Link

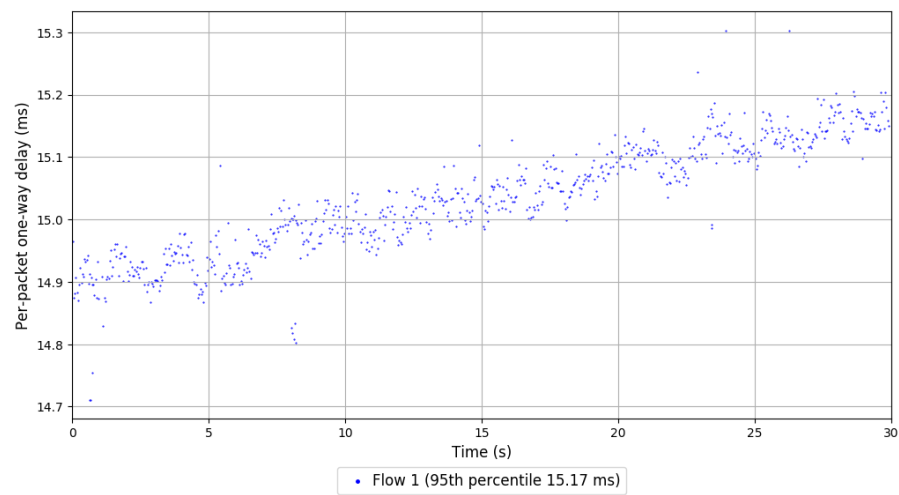
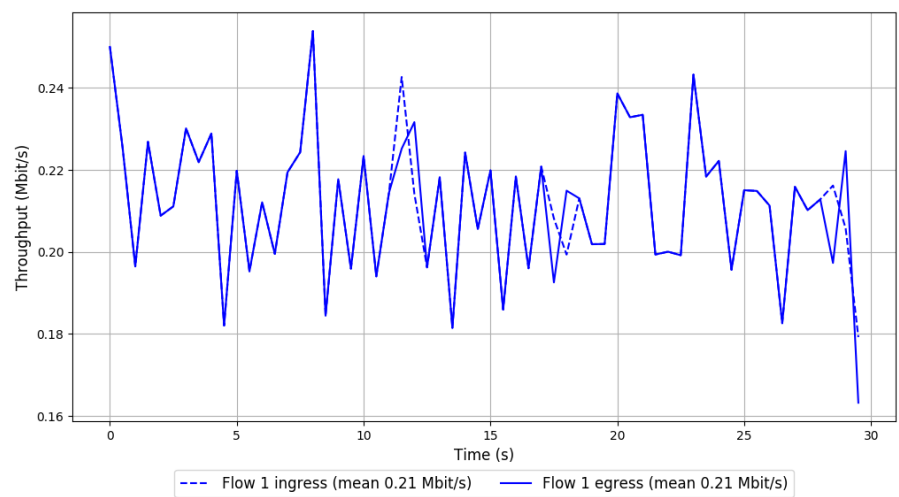


Run 7: Statistics of SCReAM

Start at: 2018-03-13 03:03:06
End at: 2018-03-13 03:03:36
Local clock offset: 1.956 ms
Remote clock offset: -3.057 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.166 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.166 ms
Loss rate: 0.13%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-03-13 03:24:04

End at: 2018-03-13 03:24:34

Local clock offset: 5.492 ms

Remote clock offset: 3.371 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 17.554 ms

Loss rate: 0.00%

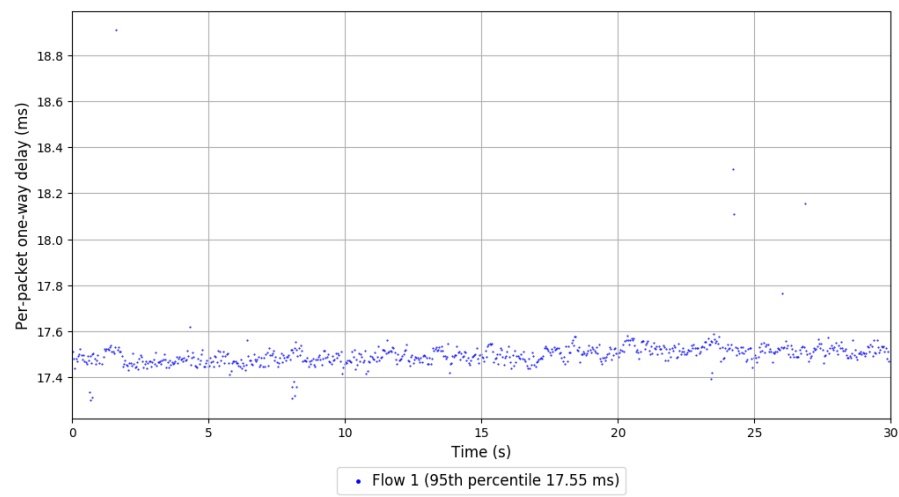
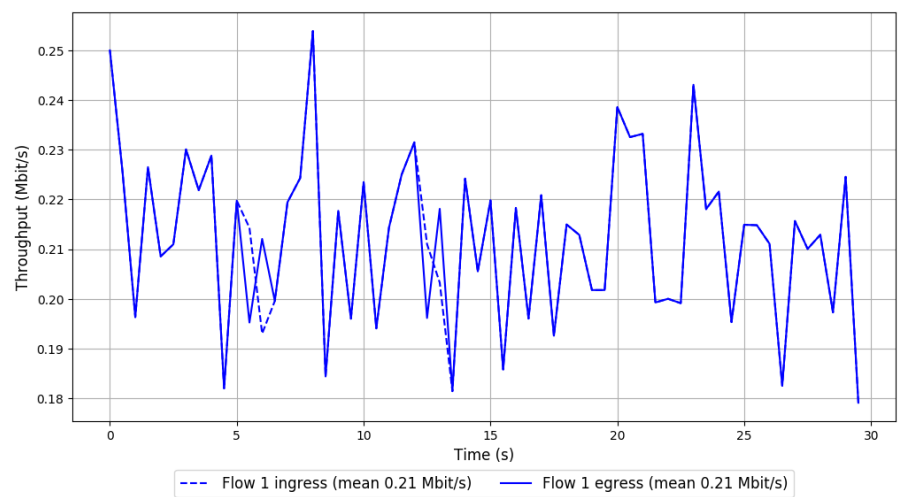
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 17.554 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-03-13 03:45:07

End at: 2018-03-13 03:45:37

Local clock offset: 4.431 ms

Remote clock offset: 0.984 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 15.630 ms

Loss rate: 0.13%

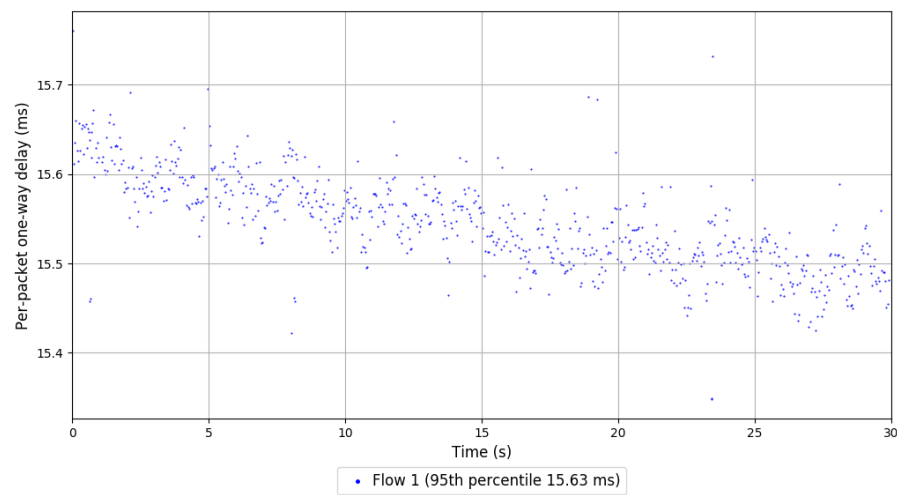
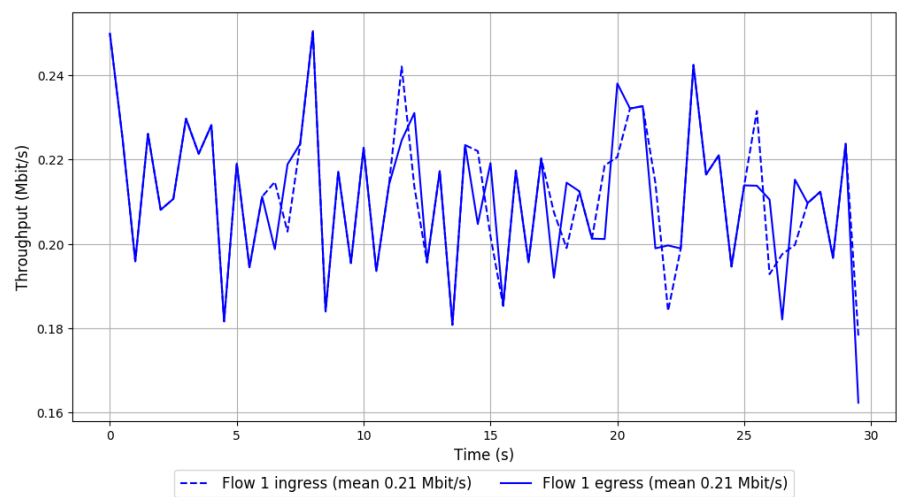
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 15.630 ms

Loss rate: 0.13%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-03-13 04:06:00

End at: 2018-03-13 04:06:30

Local clock offset: 4.732 ms

Remote clock offset: -1.958 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 15.835 ms

Loss rate: 0.13%

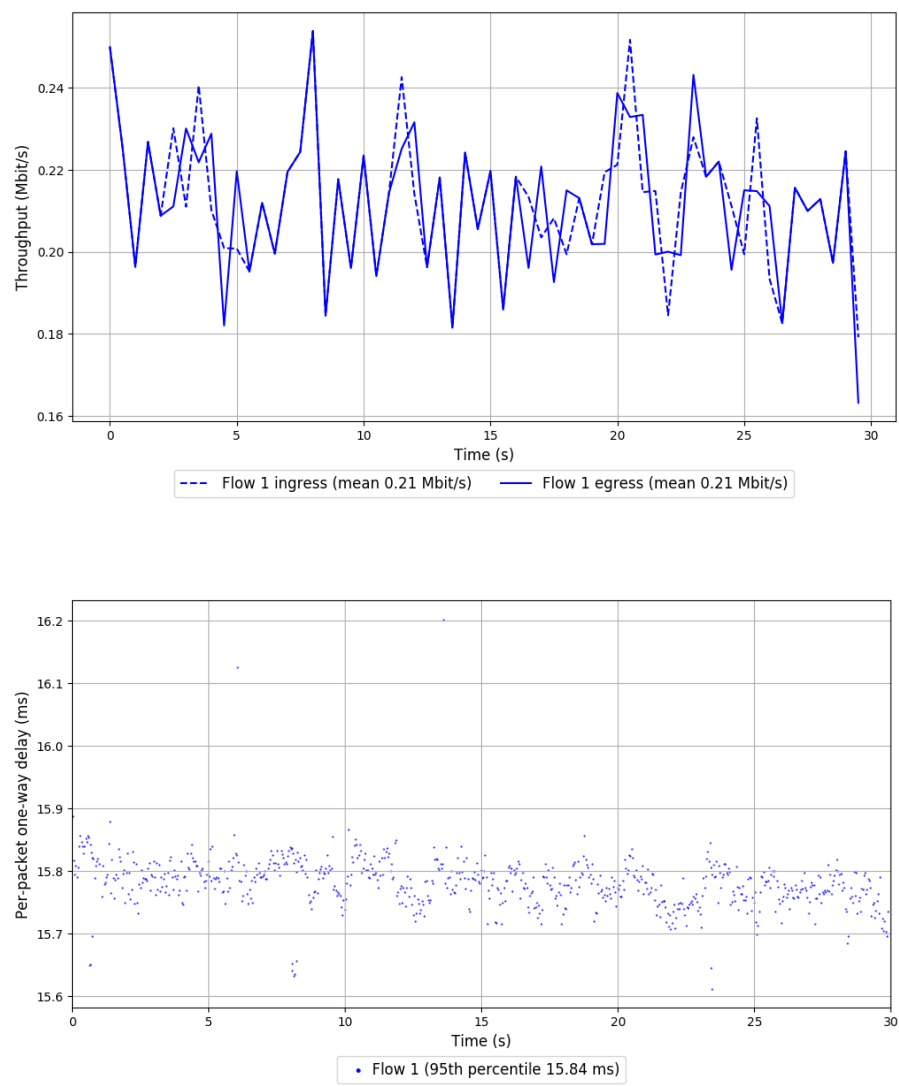
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 15.835 ms

Loss rate: 0.13%

Run 10: Report of SReAM — Data Link

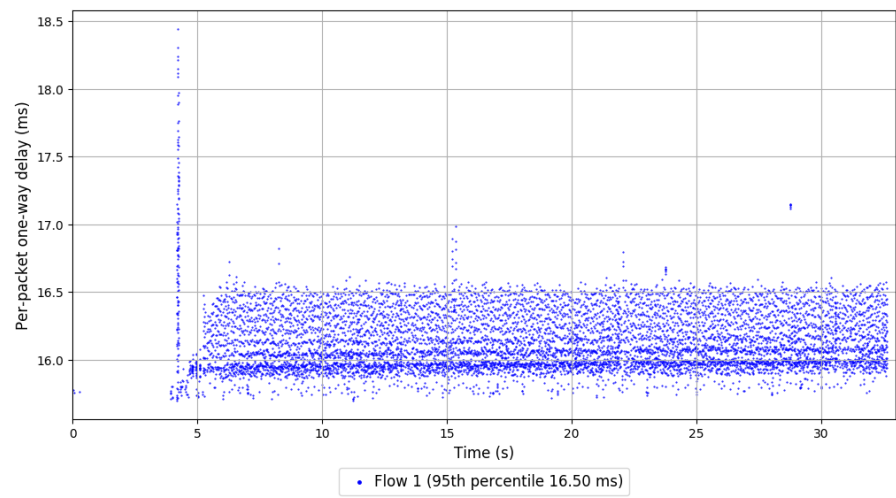
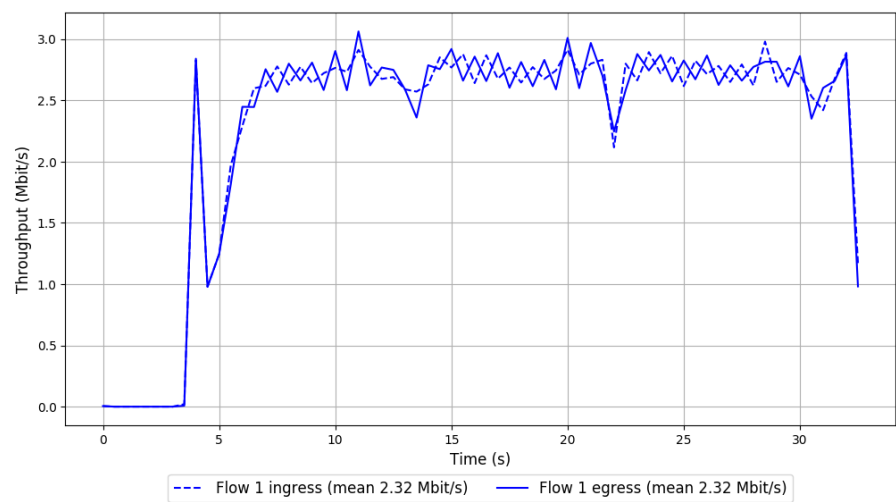


```
Run 1: Statistics of WebRTC media

Start at: 2018-03-13 01:02:05
End at: 2018-03-13 01:02:35
Local clock offset: 4.08 ms
Remote clock offset: 5.298 ms

# Below is generated by plot.py at 2018-03-13 08:02:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 16.499 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 16.499 ms
Loss rate: 0.15%
```

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-03-13 01:23:08

End at: 2018-03-13 01:23:38

Local clock offset: 3.417 ms

Remote clock offset: 5.007 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 15.969 ms

Loss rate: 0.14%

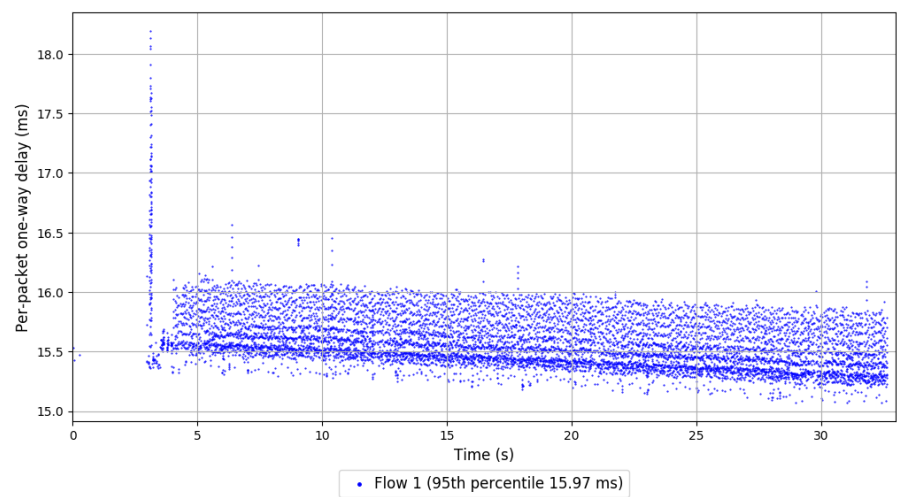
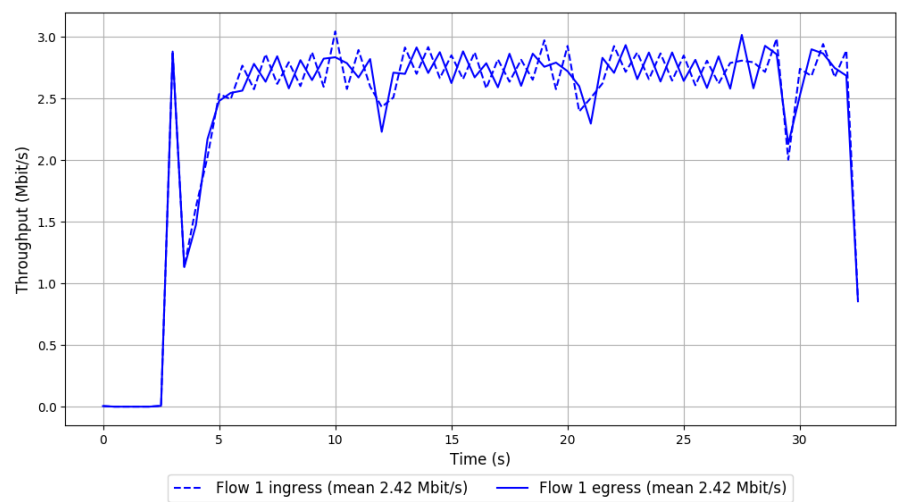
-- Flow 1:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 15.969 ms

Loss rate: 0.14%

Run 2: Report of WebRTC media — Data Link

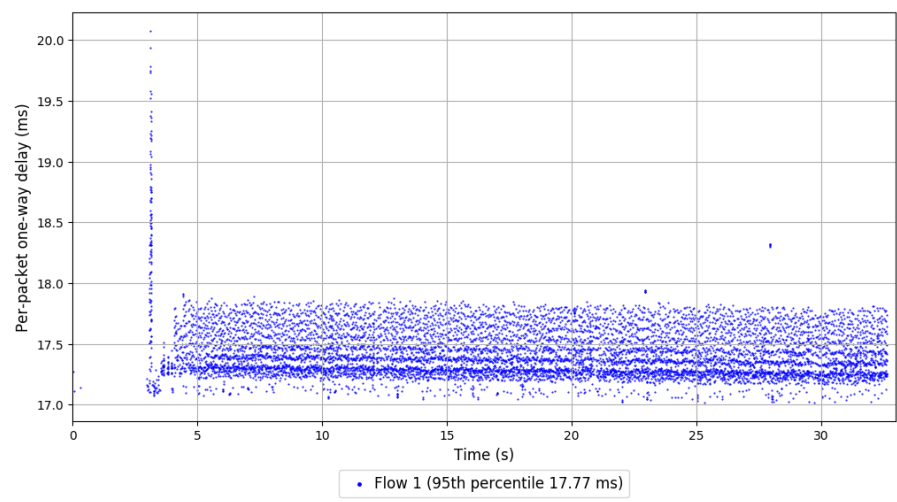
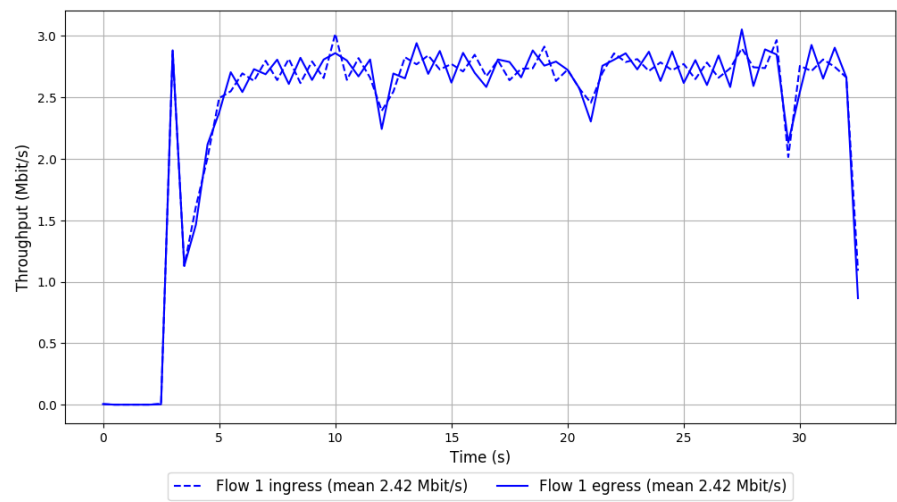


Run 3: Statistics of WebRTC media

Start at: 2018-03-13 01:43:58
End at: 2018-03-13 01:44:28
Local clock offset: 3.967 ms
Remote clock offset: -2.264 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 17.775 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 17.775 ms
Loss rate: 0.14%

Run 3: Report of WebRTC media — Data Link

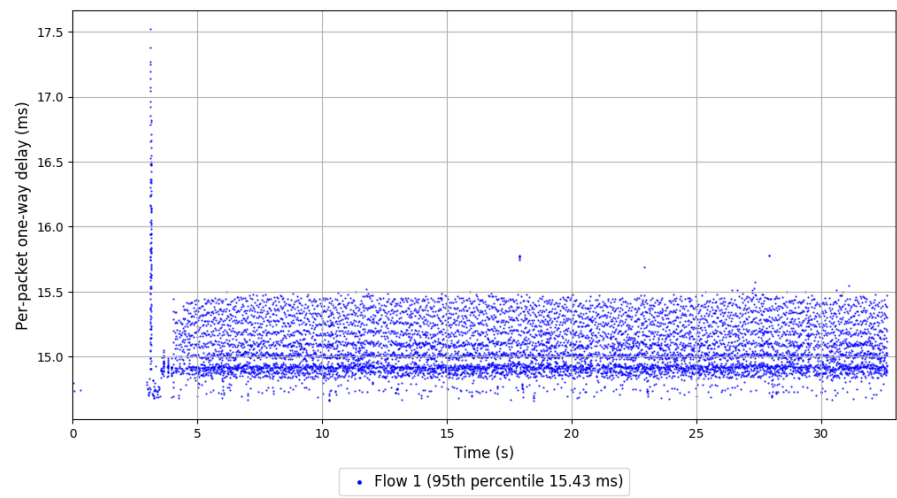
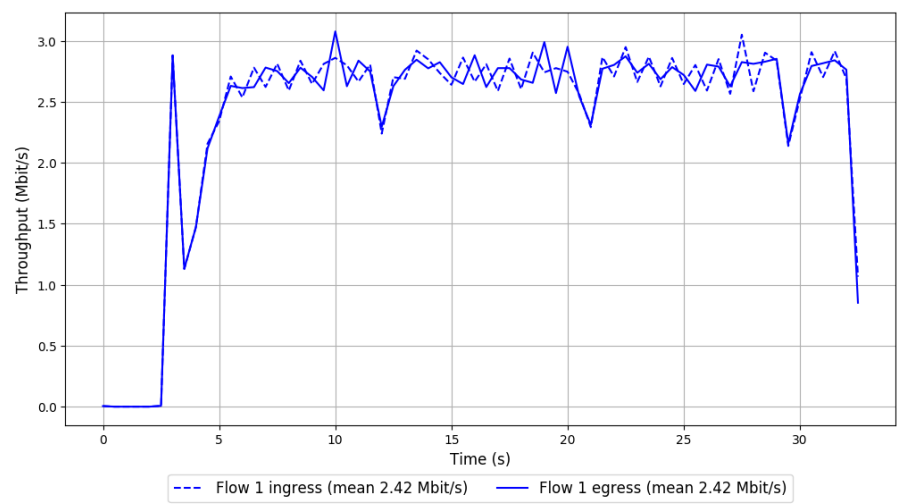


Run 4: Statistics of WebRTC media

Start at: 2018-03-13 02:04:50
End at: 2018-03-13 02:05:20
Local clock offset: 3.868 ms
Remote clock offset: -0.765 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 15.428 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 15.428 ms
Loss rate: 0.14%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-03-13 02:25:43

End at: 2018-03-13 02:26:13

Local clock offset: 4.483 ms

Remote clock offset: -3.02 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 16.100 ms

Loss rate: 0.04%

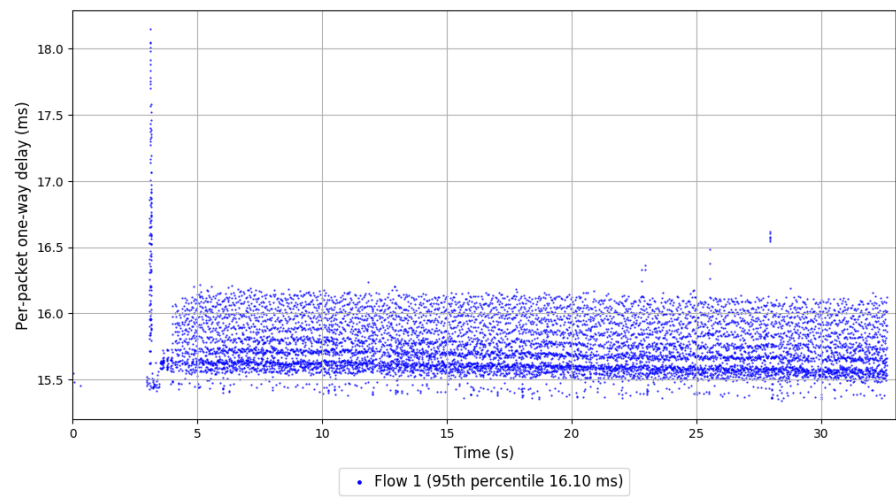
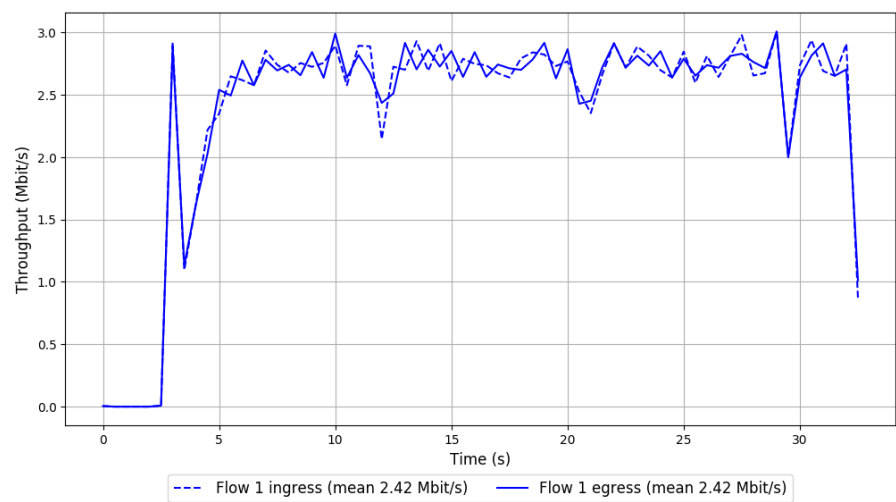
-- Flow 1:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 16.100 ms

Loss rate: 0.04%

Run 5: Report of WebRTC media — Data Link

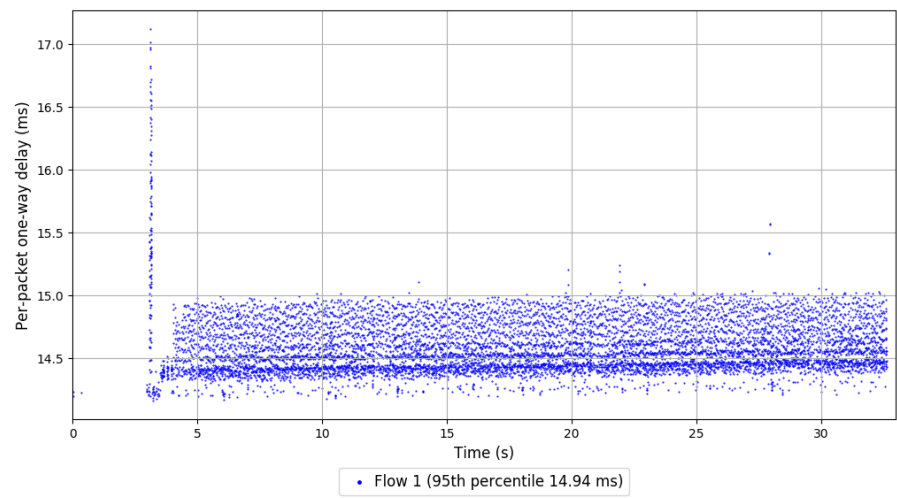
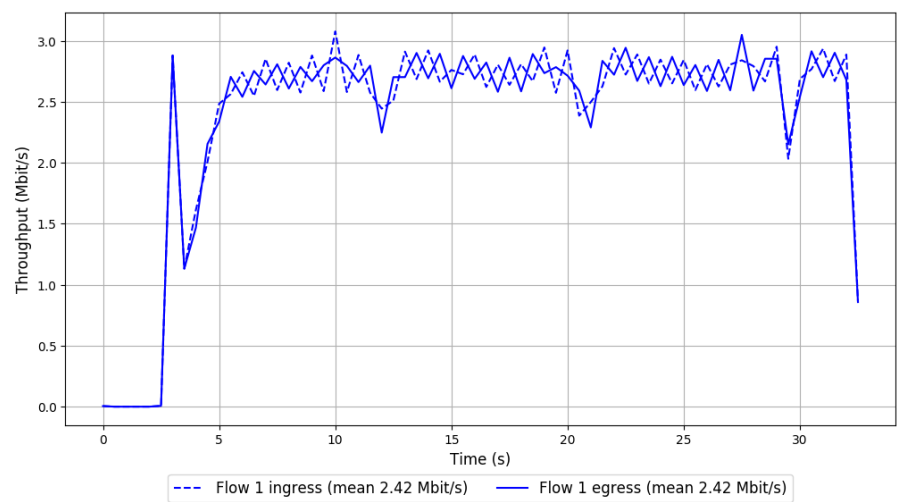


Run 6: Statistics of WebRTC media

Start at: 2018-03-13 02:46:47
End at: 2018-03-13 02:47:17
Local clock offset: 3.936 ms
Remote clock offset: -1.423 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 14.937 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 14.937 ms
Loss rate: 0.14%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-03-13 03:07:47

End at: 2018-03-13 03:08:17

Local clock offset: 2.732 ms

Remote clock offset: 0.028 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 15.651 ms

Loss rate: 0.14%

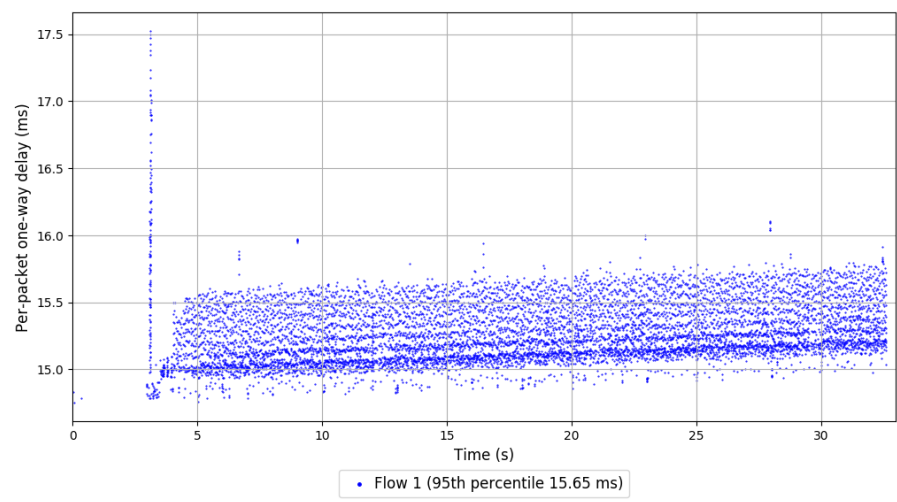
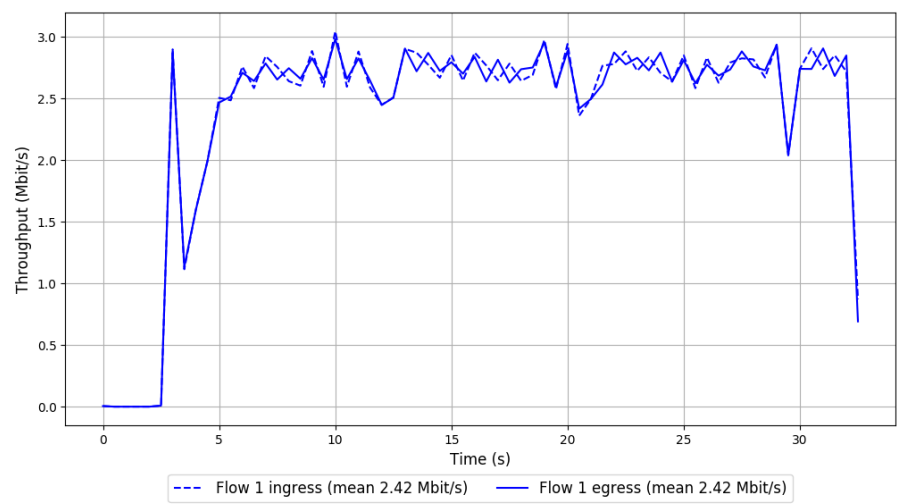
-- Flow 1:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 15.651 ms

Loss rate: 0.14%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-03-13 03:28:44

End at: 2018-03-13 03:29:14

Local clock offset: 2.269 ms

Remote clock offset: 3.92 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.41 Mbit/s

95th percentile per-packet one-way delay: 14.361 ms

Loss rate: 0.00%

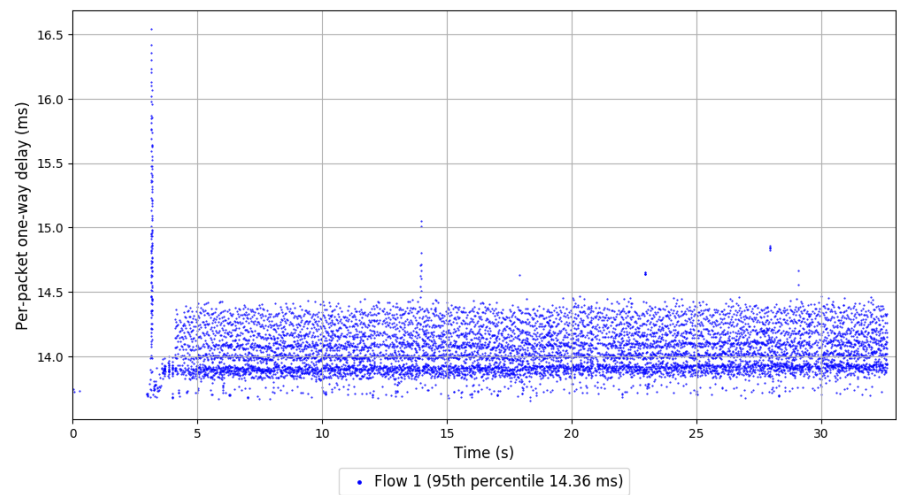
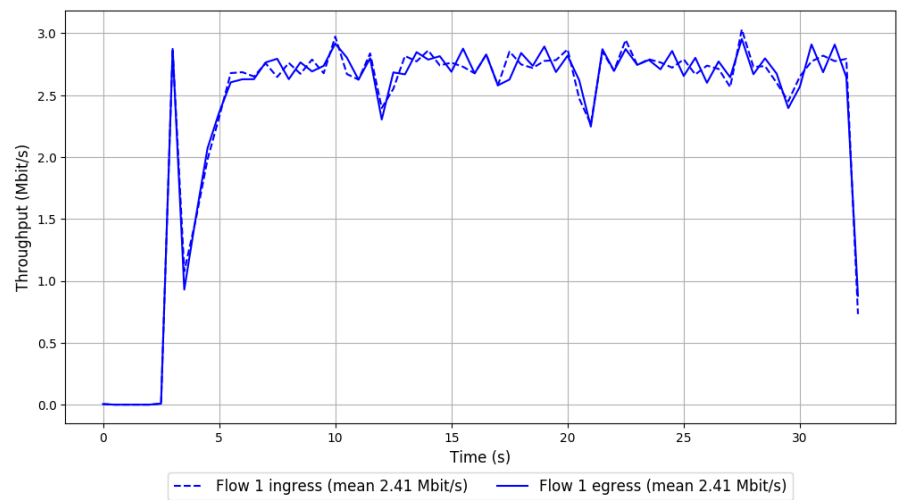
-- Flow 1:

Average throughput: 2.41 Mbit/s

95th percentile per-packet one-way delay: 14.361 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

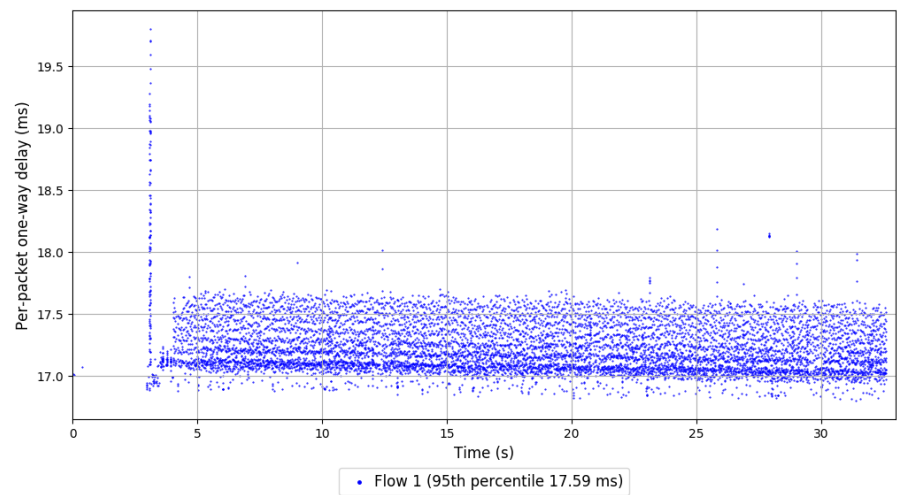
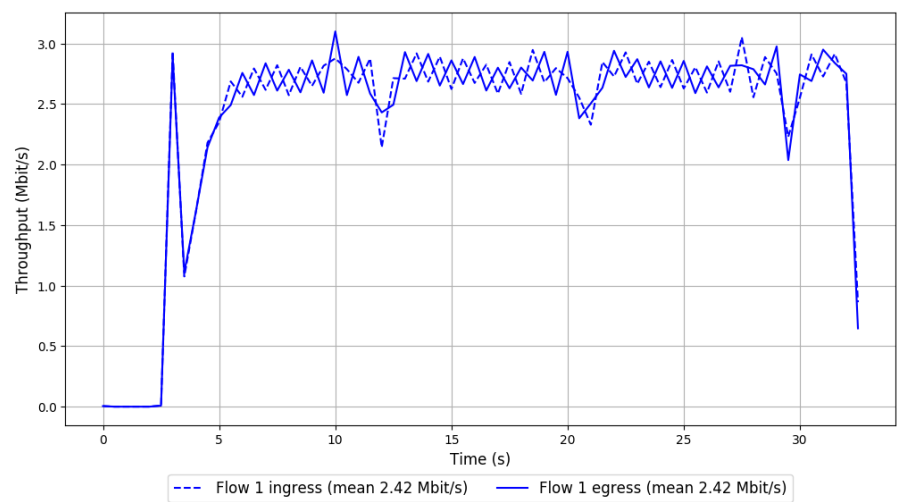


Run 9: Statistics of WebRTC media

Start at: 2018-03-13 03:49:44
End at: 2018-03-13 03:50:14
Local clock offset: 4.863 ms
Remote clock offset: -1.098 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 17.588 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 17.588 ms
Loss rate: 0.14%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-03-13 04:10:50

End at: 2018-03-13 04:11:20

Local clock offset: 2.478 ms

Remote clock offset: -2.883 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 14.772 ms

Loss rate: 0.00%

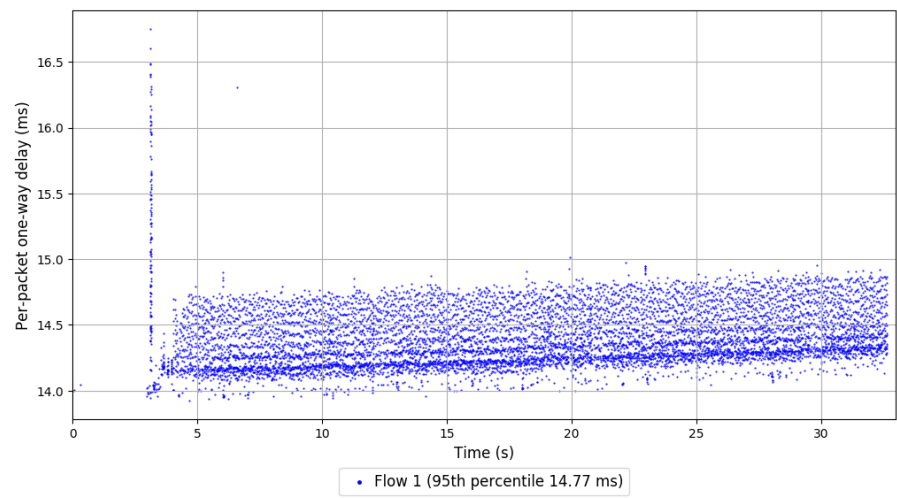
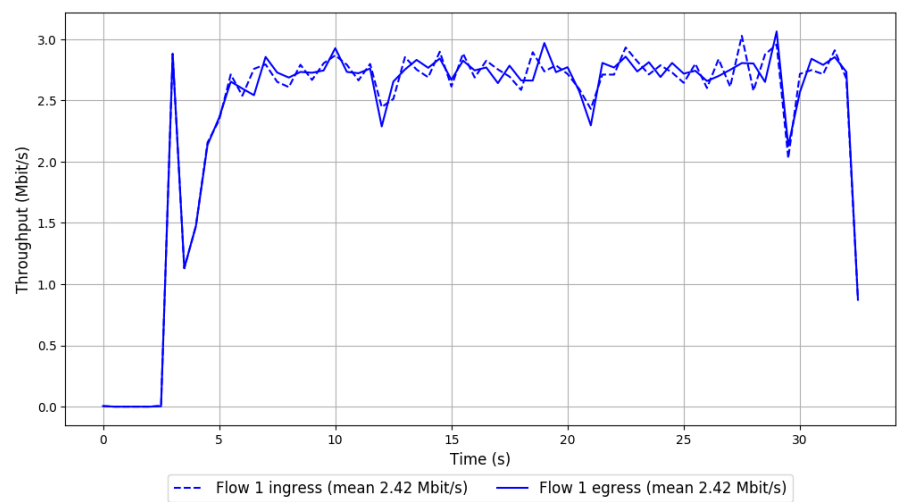
-- Flow 1:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 14.772 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2018-03-13 00:54:00

End at: 2018-03-13 00:54:30

Local clock offset: 1.984 ms

Remote clock offset: 4.694 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.33 Mbit/s

95th percentile per-packet one-way delay: 18.456 ms

Loss rate: 0.06%

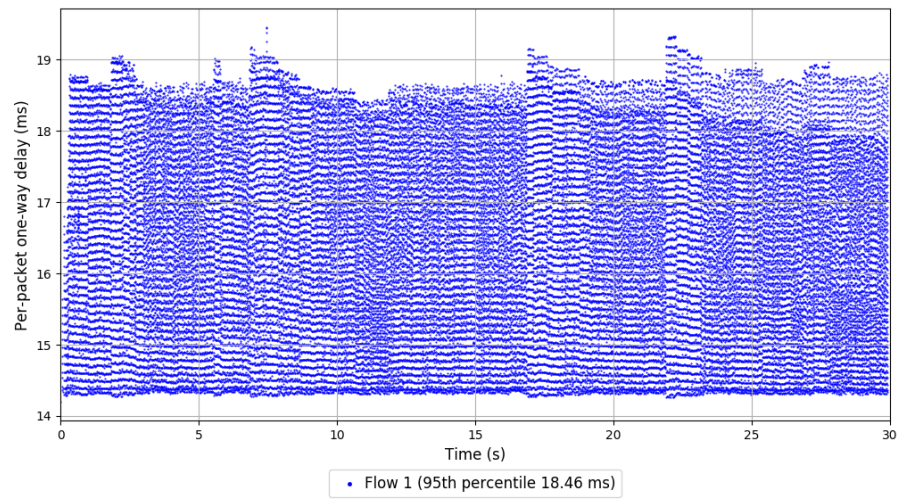
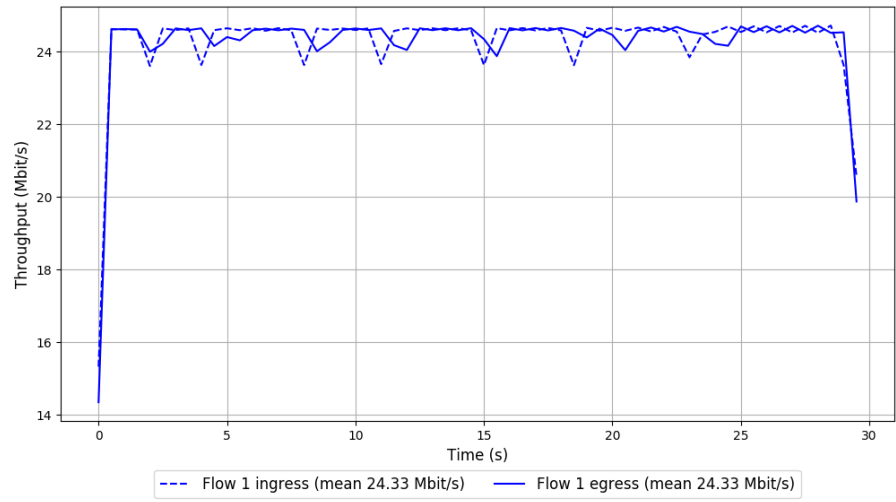
-- Flow 1:

Average throughput: 24.33 Mbit/s

95th percentile per-packet one-way delay: 18.456 ms

Loss rate: 0.06%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-03-13 01:15:05

End at: 2018-03-13 01:15:35

Local clock offset: 4.47 ms

Remote clock offset: 5.844 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.75 Mbit/s

95th percentile per-packet one-way delay: 25.465 ms

Loss rate: 0.12%

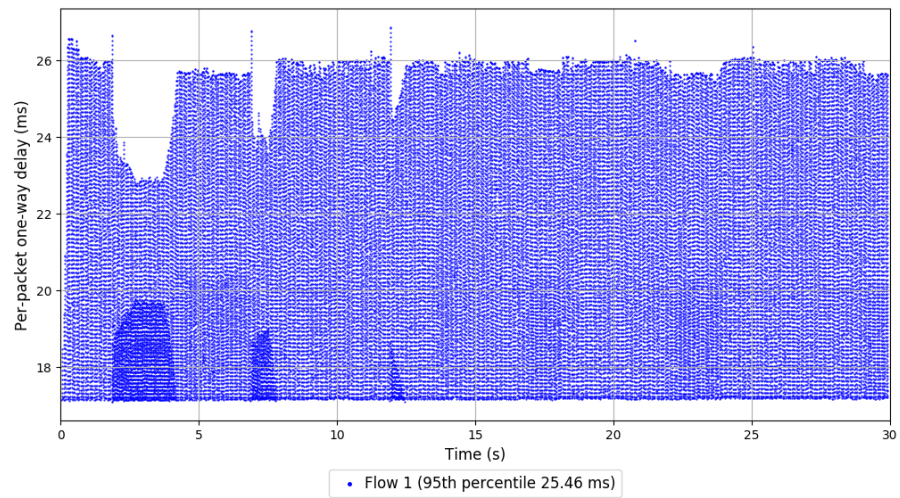
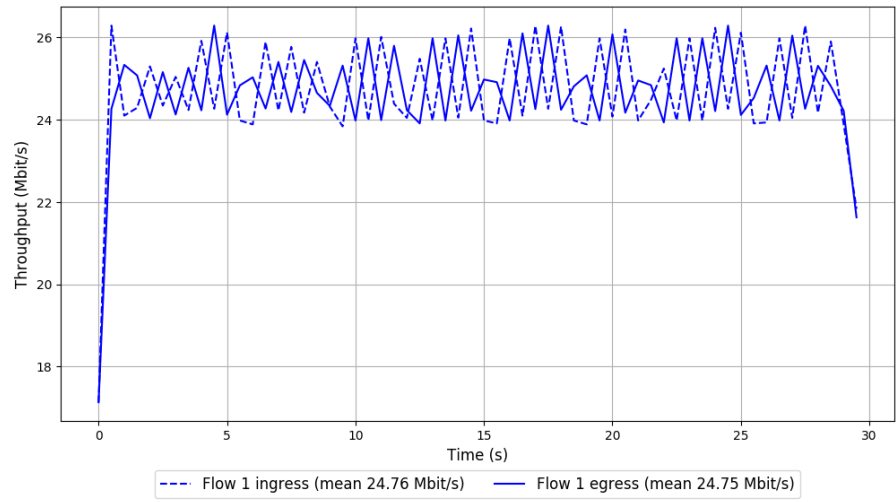
-- Flow 1:

Average throughput: 24.75 Mbit/s

95th percentile per-packet one-way delay: 25.465 ms

Loss rate: 0.12%

Run 2: Report of Sprout — Data Link

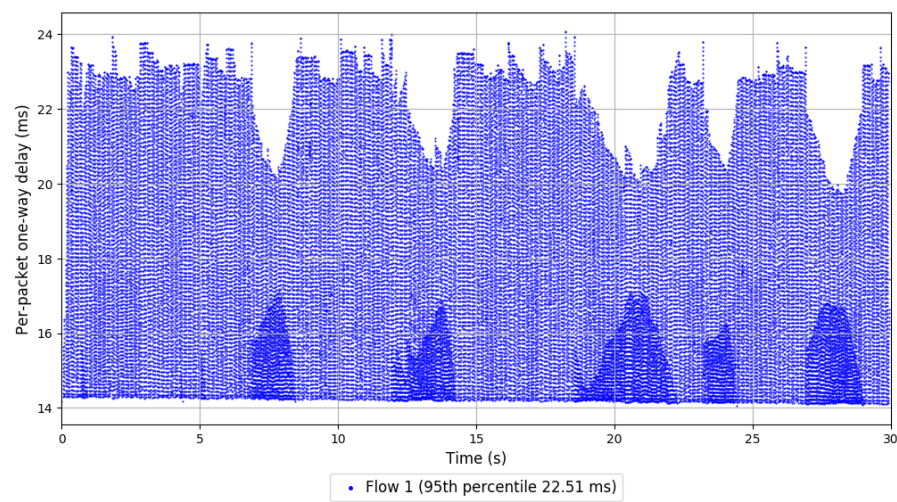
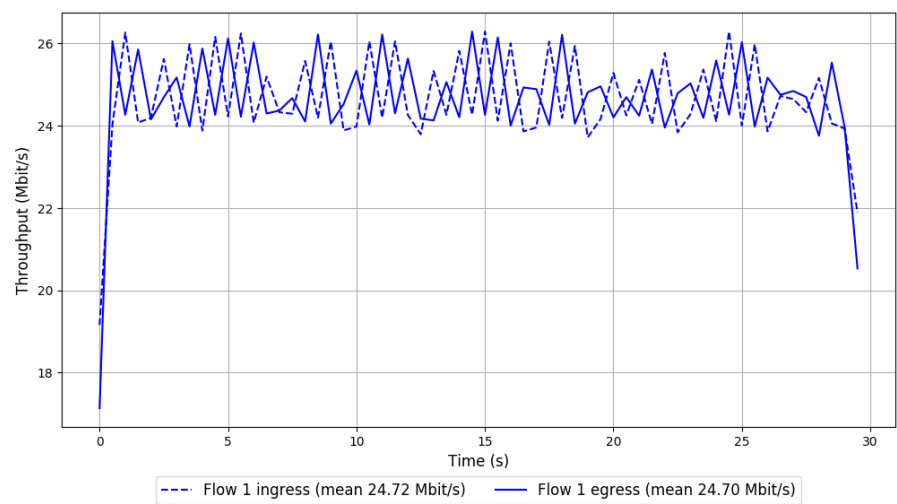


Run 3: Statistics of Sprout

Start at: 2018-03-13 01:35:58
End at: 2018-03-13 01:36:28
Local clock offset: 1.354 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 22.512 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 22.512 ms
Loss rate: 0.09%

Run 3: Report of Sprout — Data Link

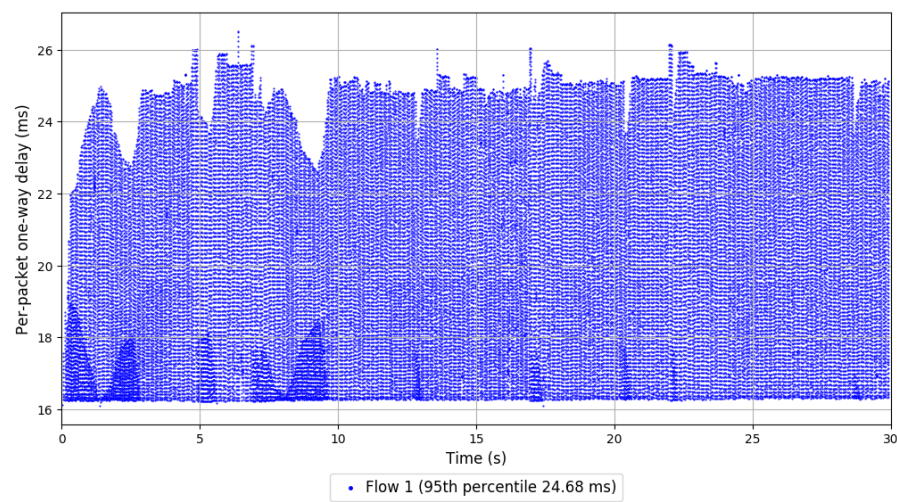
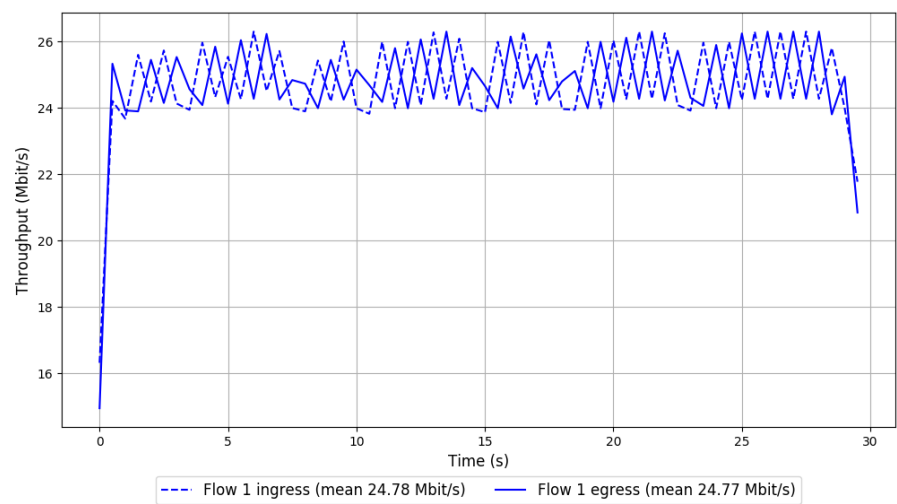


Run 4: Statistics of Sprout

Start at: 2018-03-13 01:56:51
End at: 2018-03-13 01:57:21
Local clock offset: 4.447 ms
Remote clock offset: -1.722 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 24.676 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 24.676 ms
Loss rate: 0.13%

Run 4: Report of Sprout — Data Link

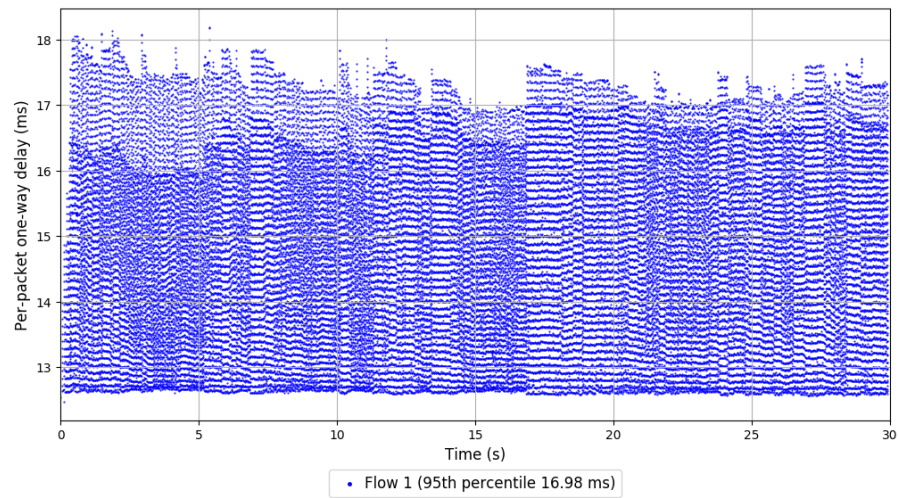
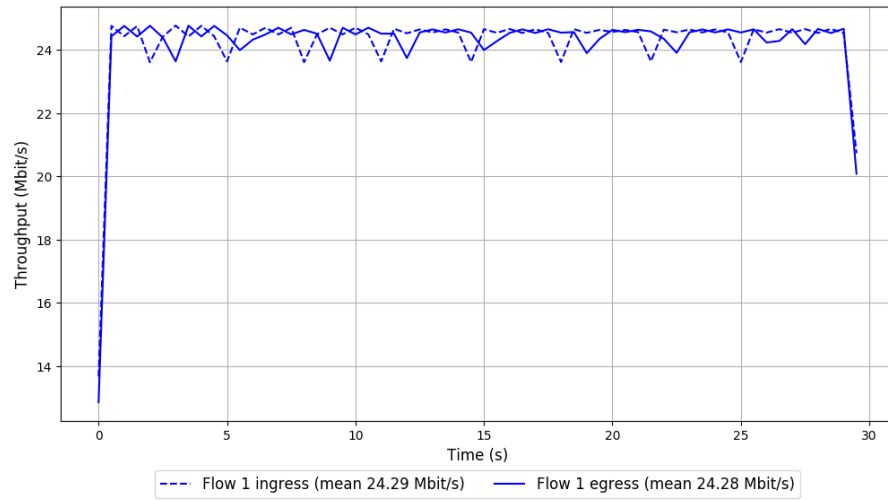


Run 5: Statistics of Sprout

Start at: 2018-03-13 02:17:44
End at: 2018-03-13 02:18:14
Local clock offset: 1.686 ms
Remote clock offset: -2.117 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 16.975 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 16.975 ms
Loss rate: 0.11%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-03-13 02:38:39

End at: 2018-03-13 02:39:09

Local clock offset: 5.904 ms

Remote clock offset: -2.47 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.69 Mbit/s

95th percentile per-packet one-way delay: 24.992 ms

Loss rate: 0.14%

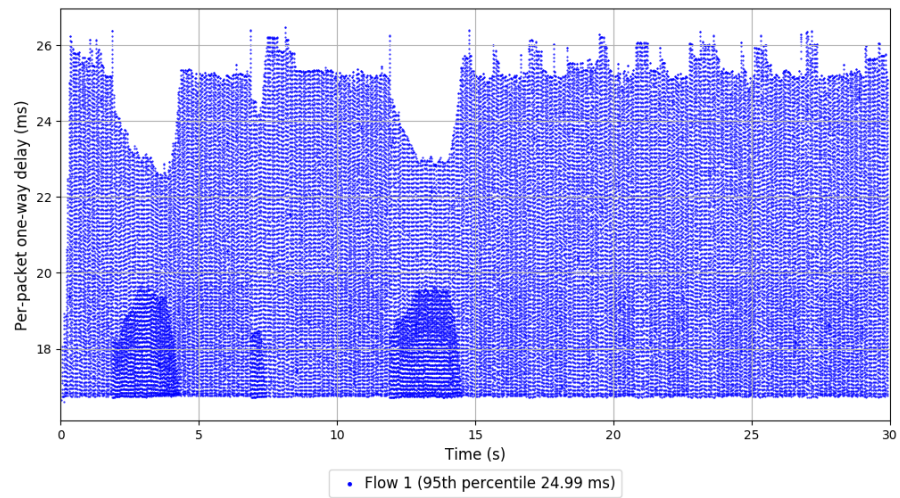
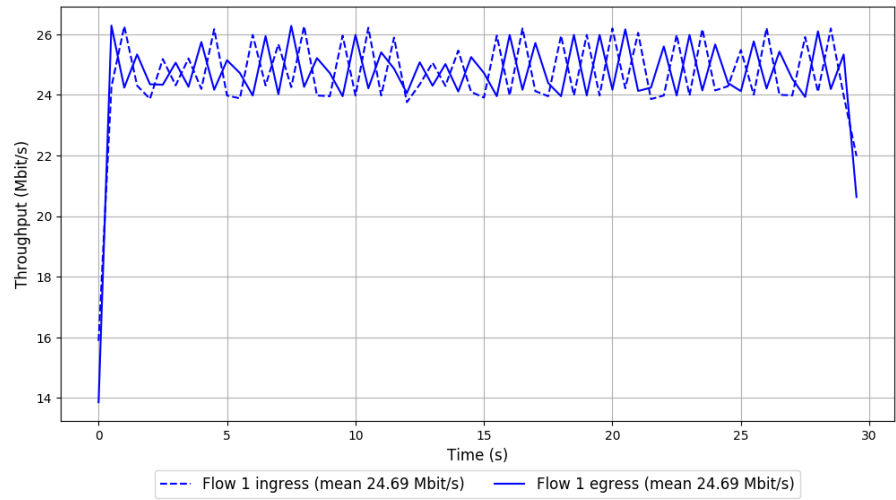
-- Flow 1:

Average throughput: 24.69 Mbit/s

95th percentile per-packet one-way delay: 24.992 ms

Loss rate: 0.14%

Run 6: Report of Sprout — Data Link

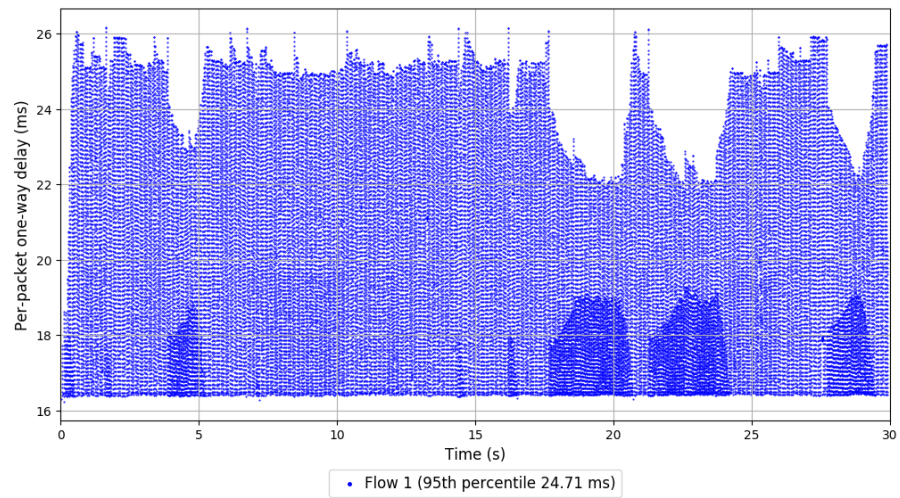
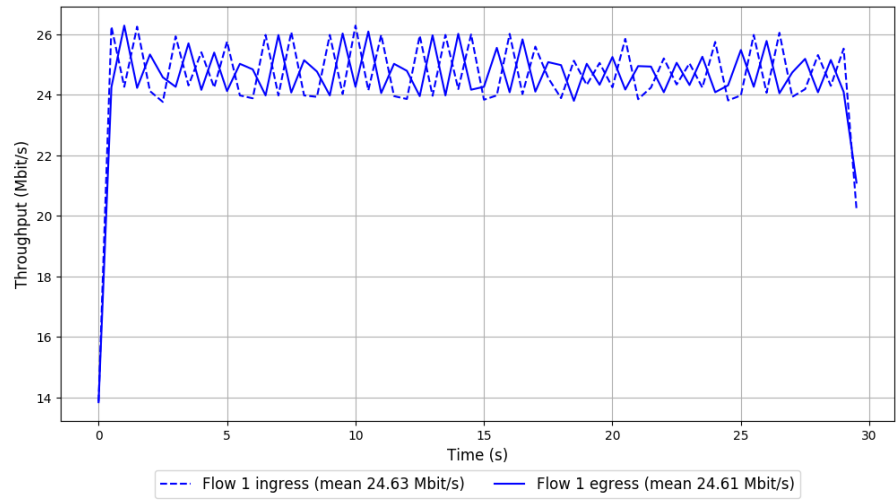


Run 7: Statistics of Sprout

Start at: 2018-03-13 02:59:40
End at: 2018-03-13 03:00:10
Local clock offset: 5.394 ms
Remote clock offset: -1.386 ms

Below is generated by plot.py at 2018-03-13 08:02:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 24.710 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 24.710 ms
Loss rate: 0.08%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-03-13 03:20:39

End at: 2018-03-13 03:21:09

Local clock offset: 3.187 ms

Remote clock offset: 0.539 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.64 Mbit/s

95th percentile per-packet one-way delay: 25.782 ms

Loss rate: 0.04%

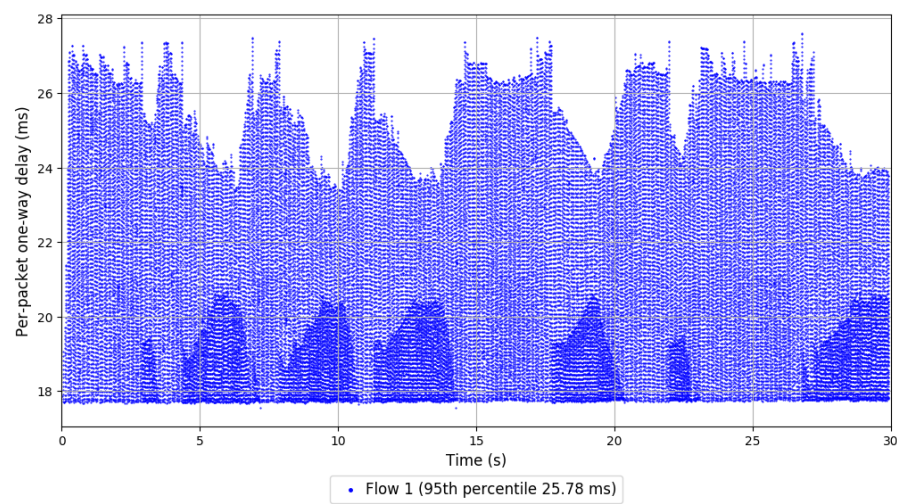
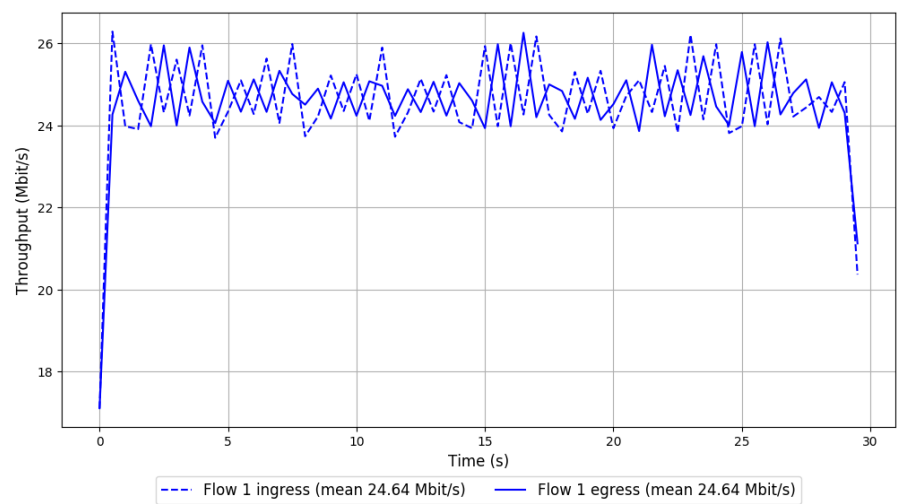
-- Flow 1:

Average throughput: 24.64 Mbit/s

95th percentile per-packet one-way delay: 25.782 ms

Loss rate: 0.04%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-03-13 03:41:43

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

Local clock offset: 4.626 ms

Remote clock offset: 2.35 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.30 Mbit/s

95th percentile per-packet one-way delay: 19.739 ms

Loss rate: 0.07%

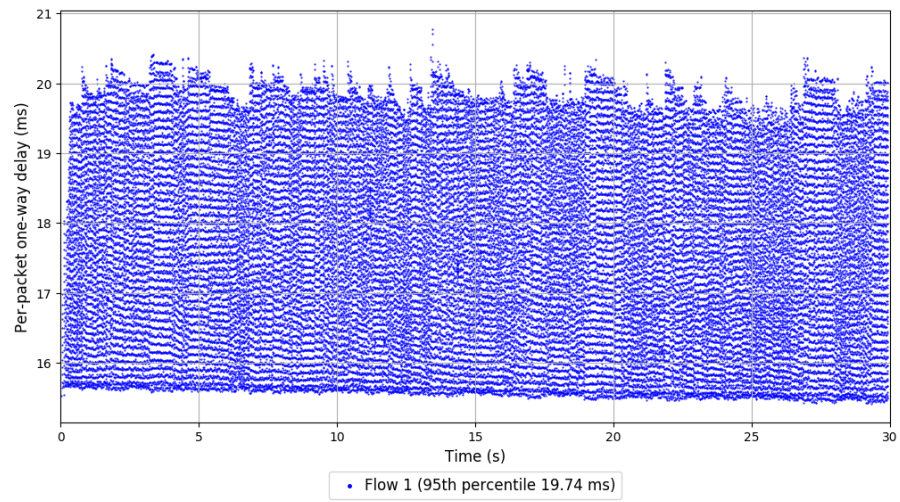
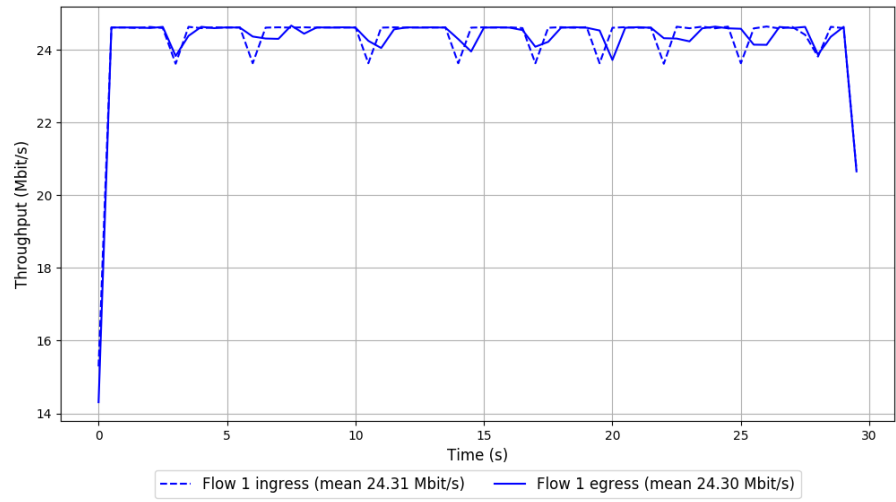
-- Flow 1:

Average throughput: 24.30 Mbit/s

95th percentile per-packet one-way delay: 19.739 ms

Loss rate: 0.07%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-03-13 04:02:36

End at: 2018-03-13 04:03:06

Local clock offset: 1.764 ms

Remote clock offset: -0.776 ms

Below is generated by plot.py at 2018-03-13 08:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.28 Mbit/s

95th percentile per-packet one-way delay: 16.425 ms

Loss rate: 0.06%

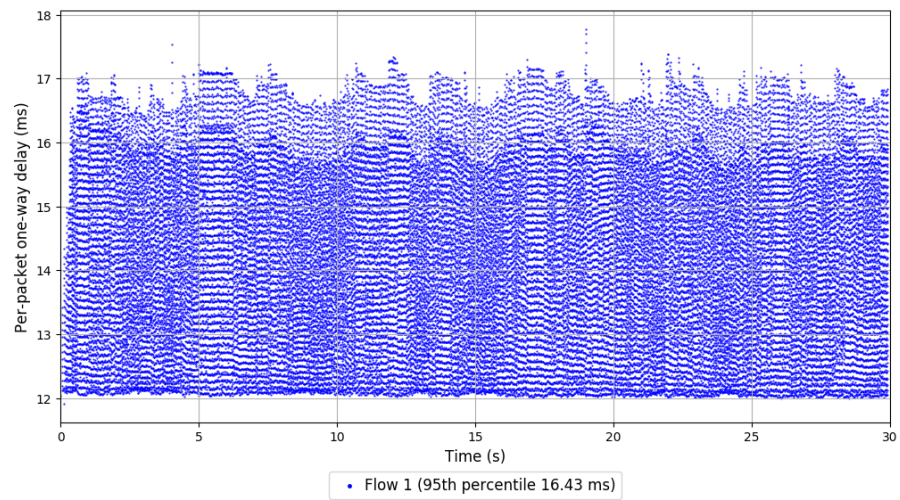
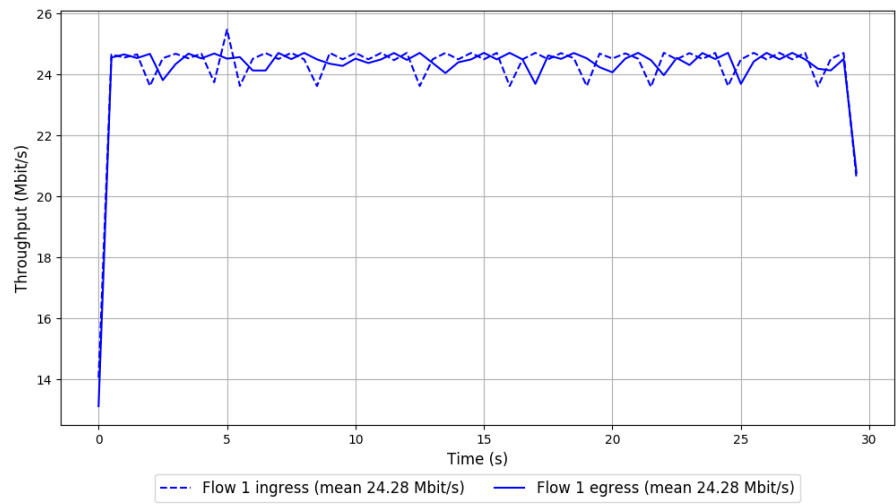
-- Flow 1:

Average throughput: 24.28 Mbit/s

95th percentile per-packet one-way delay: 16.425 ms

Loss rate: 0.06%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-03-13 01:06:42

End at: 2018-03-13 01:07:12

Local clock offset: 0.671 ms

Remote clock offset: 5.444 ms

Below is generated by plot.py at 2018-03-13 08:04:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.19 Mbit/s

95th percentile per-packet one-way delay: 16.124 ms

Loss rate: 0.08%

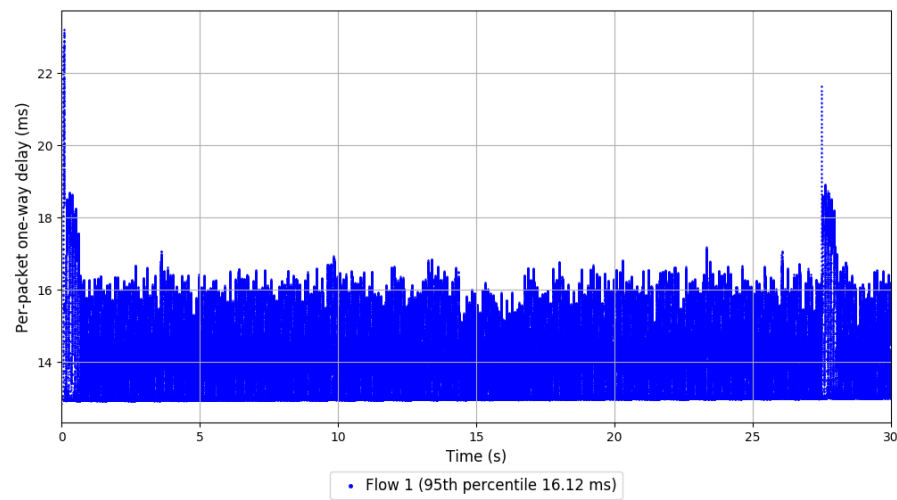
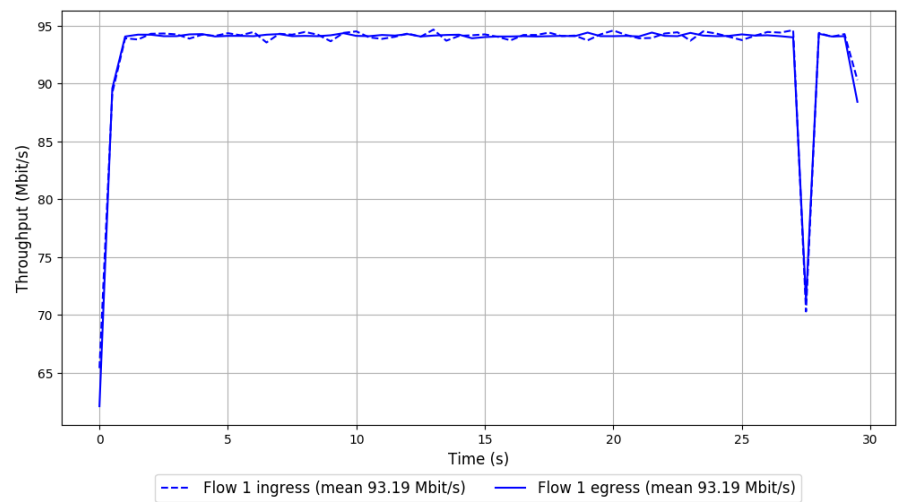
-- Flow 1:

Average throughput: 93.19 Mbit/s

95th percentile per-packet one-way delay: 16.124 ms

Loss rate: 0.08%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-03-13 01:27:37

End at: 2018-03-13 01:28:07

Local clock offset: 1.533 ms

Remote clock offset: 1.876 ms

Below is generated by plot.py at 2018-03-13 08:04:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.65 Mbit/s

95th percentile per-packet one-way delay: 18.425 ms

Loss rate: 0.08%

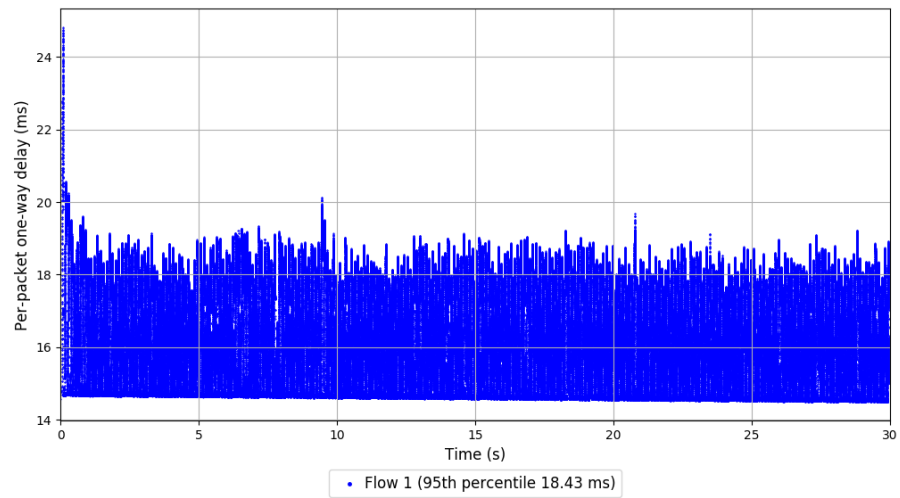
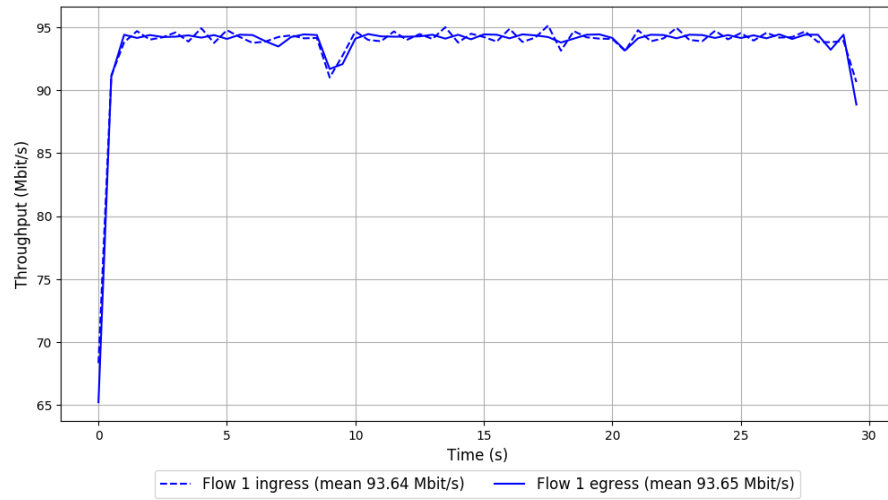
-- Flow 1:

Average throughput: 93.65 Mbit/s

95th percentile per-packet one-way delay: 18.425 ms

Loss rate: 0.08%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-03-13 01:48:30

End at: 2018-03-13 01:49:00

Local clock offset: 3.851 ms

Remote clock offset: -2.82 ms

Below is generated by plot.py at 2018-03-13 08:04:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.76 Mbit/s

95th percentile per-packet one-way delay: 21.233 ms

Loss rate: 0.09%

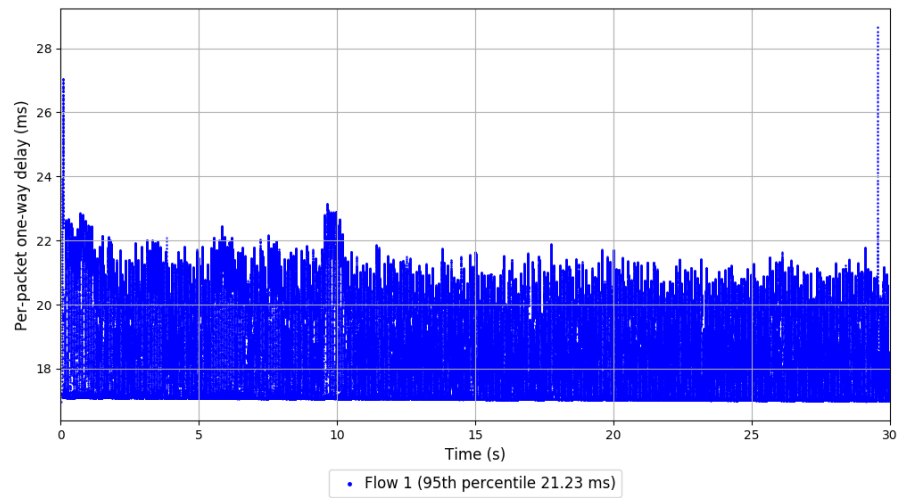
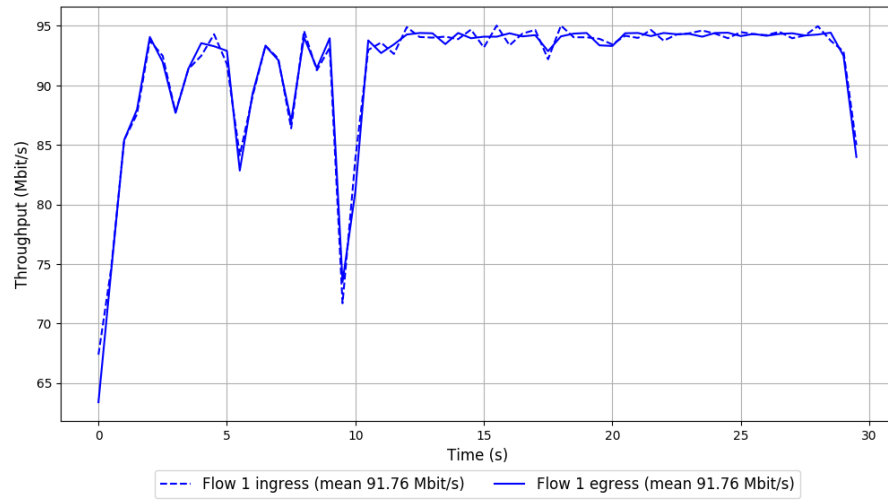
-- Flow 1:

Average throughput: 91.76 Mbit/s

95th percentile per-packet one-way delay: 21.233 ms

Loss rate: 0.09%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-13 02:09:23

End at: 2018-03-13 02:09:53

Local clock offset: 1.948 ms

Remote clock offset: -2.198 ms

Below is generated by plot.py at 2018-03-13 08:04:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.76 Mbit/s

95th percentile per-packet one-way delay: 17.850 ms

Loss rate: 0.09%

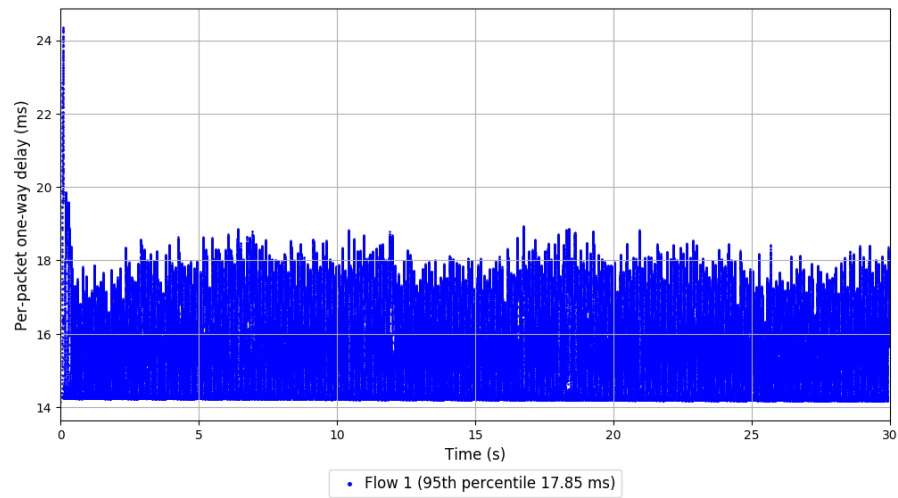
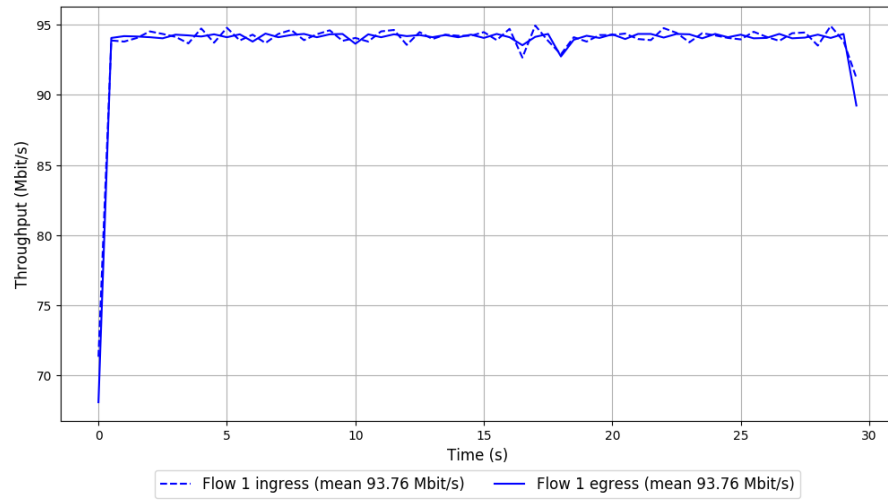
-- Flow 1:

Average throughput: 93.76 Mbit/s

95th percentile per-packet one-way delay: 17.850 ms

Loss rate: 0.09%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-13 02:30:18

End at: 2018-03-13 02:30:48

Local clock offset: 5.842 ms

Remote clock offset: -1.68 ms

Below is generated by plot.py at 2018-03-13 08:04:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.59 Mbit/s

95th percentile per-packet one-way delay: 19.285 ms

Loss rate: 0.10%

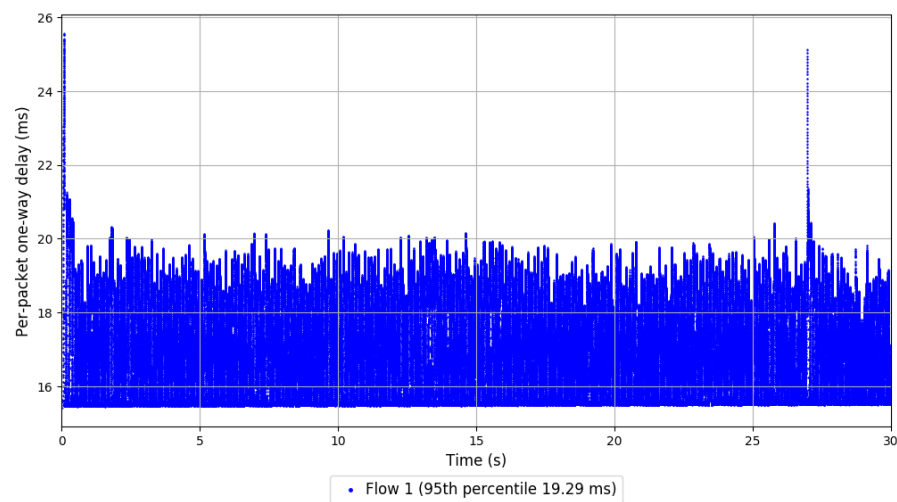
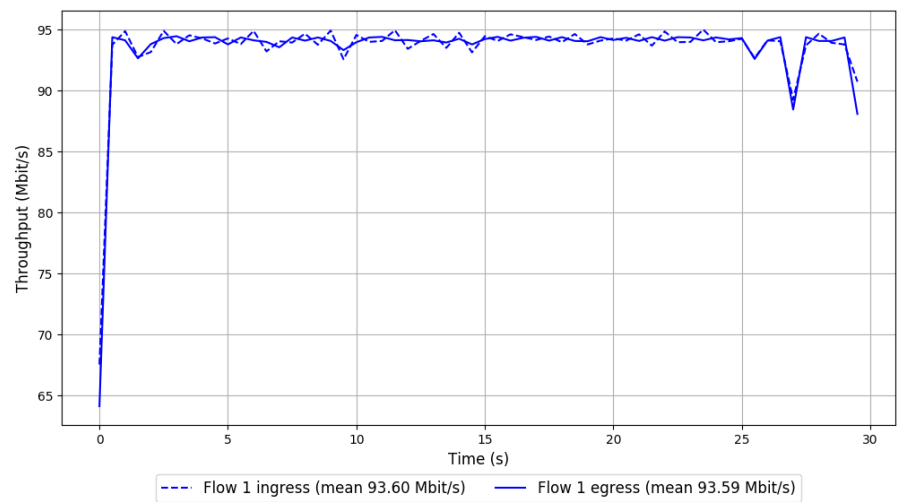
-- Flow 1:

Average throughput: 93.59 Mbit/s

95th percentile per-packet one-way delay: 19.285 ms

Loss rate: 0.10%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-13 02:51:18

End at: 2018-03-13 02:51:48

Local clock offset: 2.028 ms

Remote clock offset: -2.478 ms

Below is generated by plot.py at 2018-03-13 08:04:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.74 Mbit/s

95th percentile per-packet one-way delay: 17.306 ms

Loss rate: 0.09%

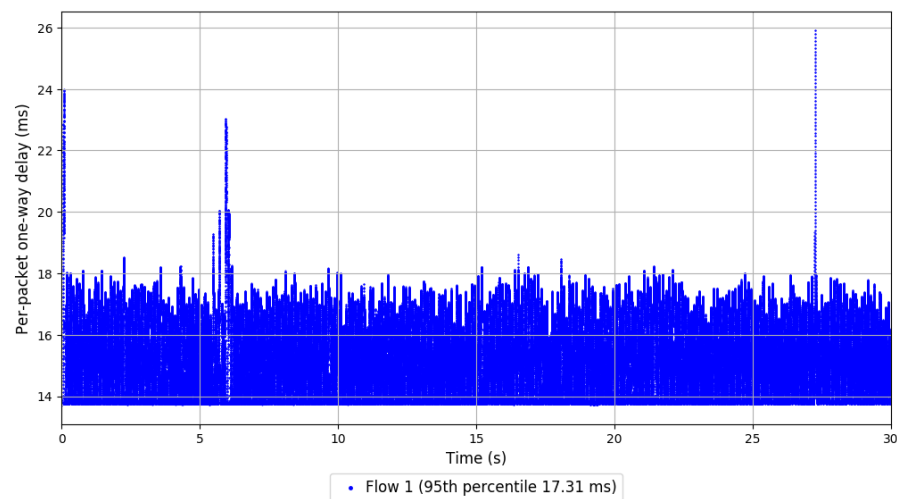
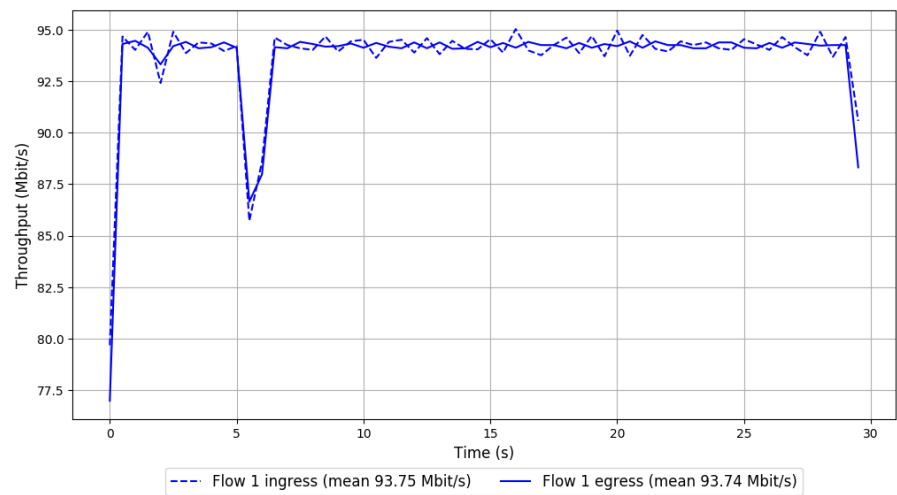
-- Flow 1:

Average throughput: 93.74 Mbit/s

95th percentile per-packet one-way delay: 17.306 ms

Loss rate: 0.09%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-03-13 03:12:24

End at: 2018-03-13 03:12:54

Local clock offset: 4.646 ms

Remote clock offset: 0.546 ms

Below is generated by plot.py at 2018-03-13 08:05:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.44 Mbit/s

95th percentile per-packet one-way delay: 21.996 ms

Loss rate: 0.09%

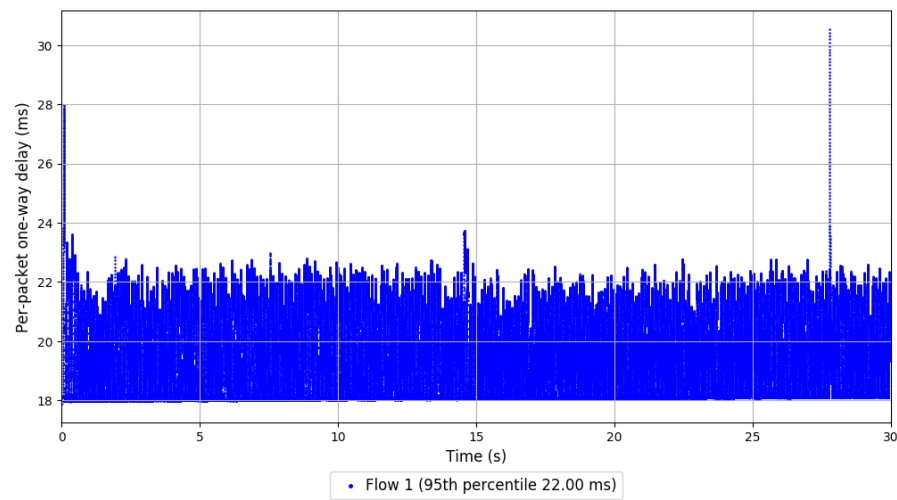
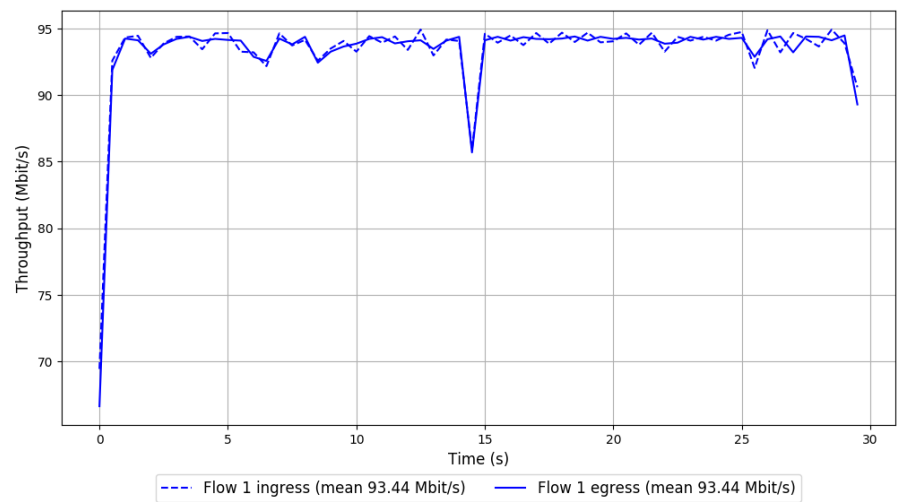
-- Flow 1:

Average throughput: 93.44 Mbit/s

95th percentile per-packet one-way delay: 21.996 ms

Loss rate: 0.09%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-03-13 03:33:17

End at: 2018-03-13 03:33:47

Local clock offset: 4.922 ms

Remote clock offset: 3.459 ms

Below is generated by plot.py at 2018-03-13 08:05:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.66 Mbit/s

95th percentile per-packet one-way delay: 20.863 ms

Loss rate: 0.09%

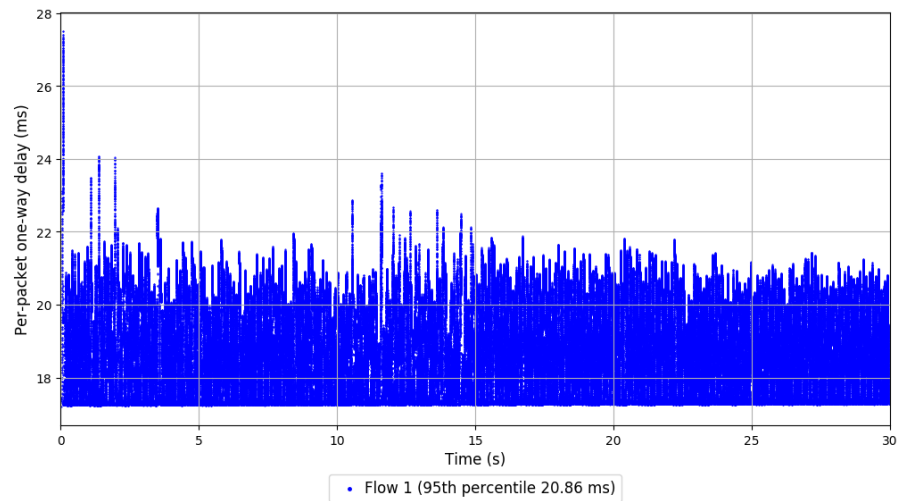
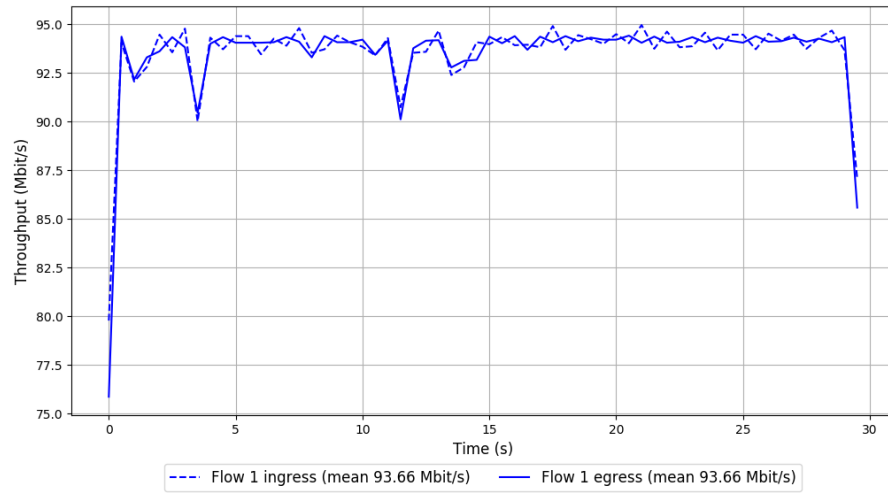
-- Flow 1:

Average throughput: 93.66 Mbit/s

95th percentile per-packet one-way delay: 20.863 ms

Loss rate: 0.09%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-03-13 03:54:20

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

Local clock offset: 5.442 ms

Remote clock offset: -1.324 ms

Below is generated by plot.py at 2018-03-13 08:07:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.86 Mbit/s

95th percentile per-packet one-way delay: 20.792 ms

Loss rate: 0.09%

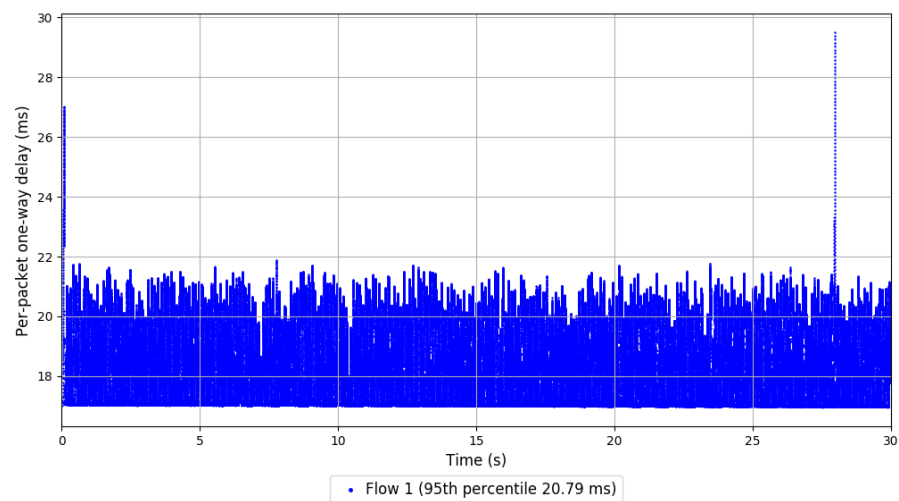
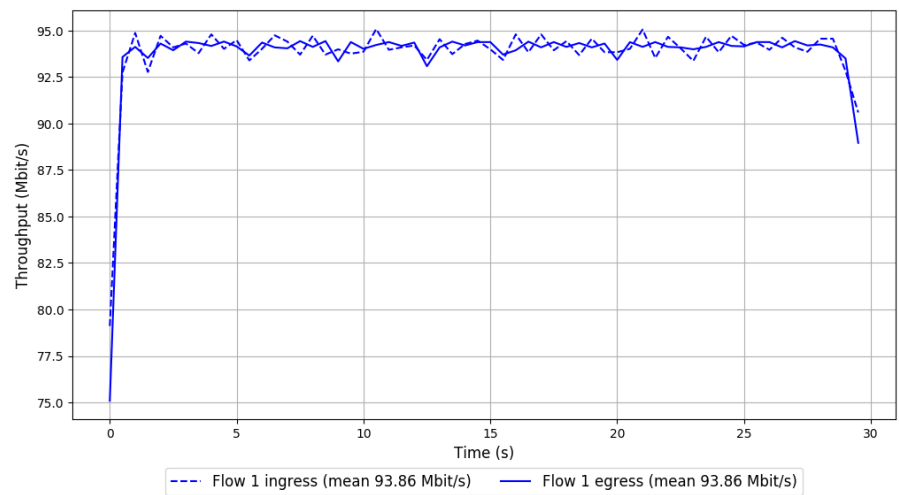
-- Flow 1:

Average throughput: 93.86 Mbit/s

95th percentile per-packet one-way delay: 20.792 ms

Loss rate: 0.09%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-13 04:15:25

End at: 2018-03-13 04:15:55

Local clock offset: 6.171 ms

Remote clock offset: -0.645 ms

Below is generated by plot.py at 2018-03-13 08:07:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 20.631 ms

Loss rate: 0.09%

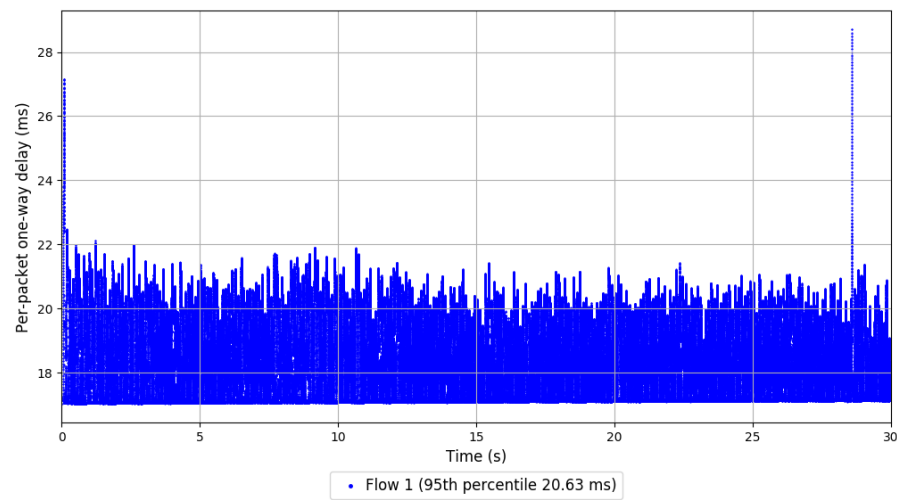
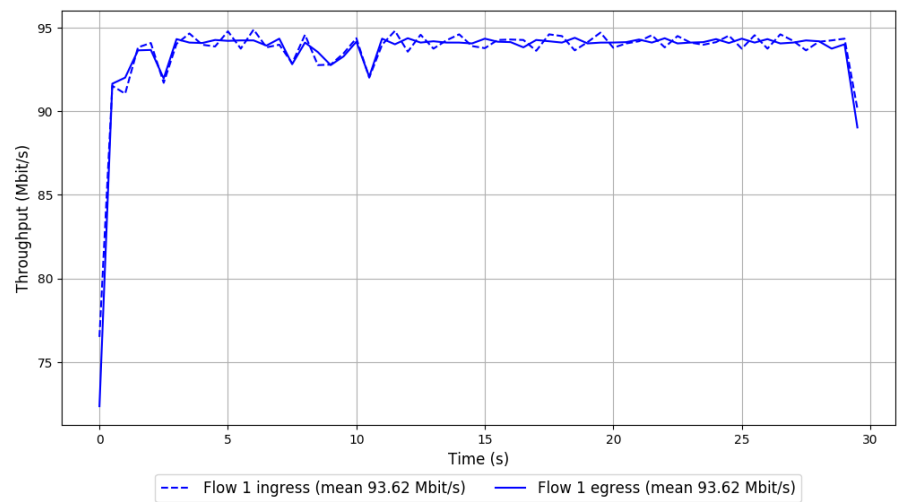
-- Flow 1:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 20.631 ms

Loss rate: 0.09%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-03-13 00:56:17

End at: 2018-03-13 00:56:47

Local clock offset: 2.804 ms

Remote clock offset: 4.6 ms

Below is generated by plot.py at 2018-03-13 08:07:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 27.431 ms

Loss rate: 0.09%

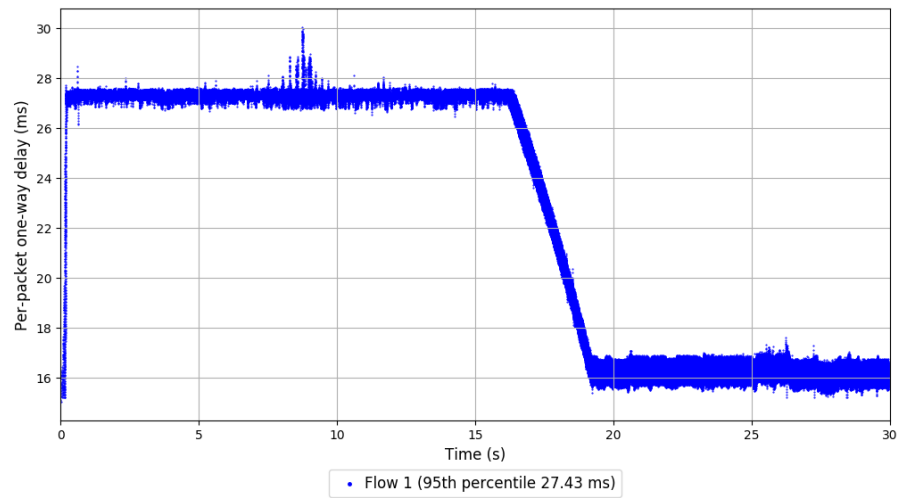
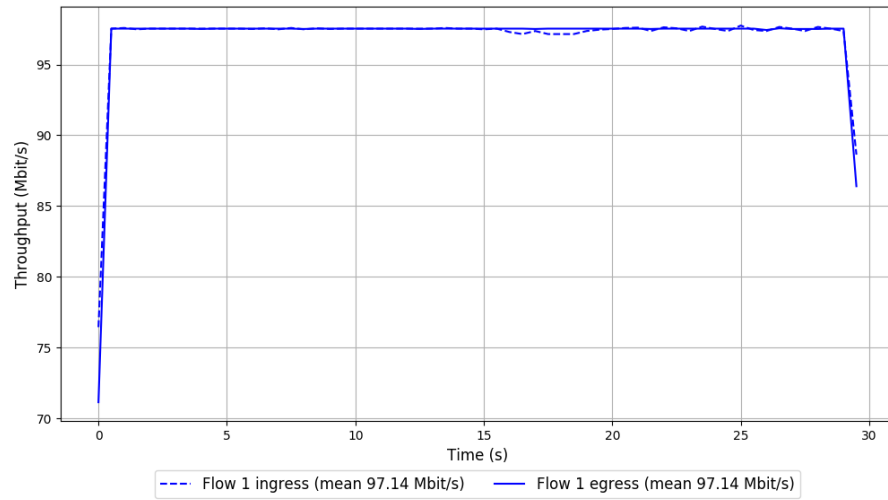
-- Flow 1:

Average throughput: 97.14 Mbit/s

95th percentile per-packet one-way delay: 27.431 ms

Loss rate: 0.09%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-03-13 01:17:19

End at: 2018-03-13 01:17:49

Local clock offset: -0.106 ms

Remote clock offset: 6.101 ms

Below is generated by plot.py at 2018-03-13 08:07:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.98 Mbit/s

95th percentile per-packet one-way delay: 19.056 ms

Loss rate: 0.09%

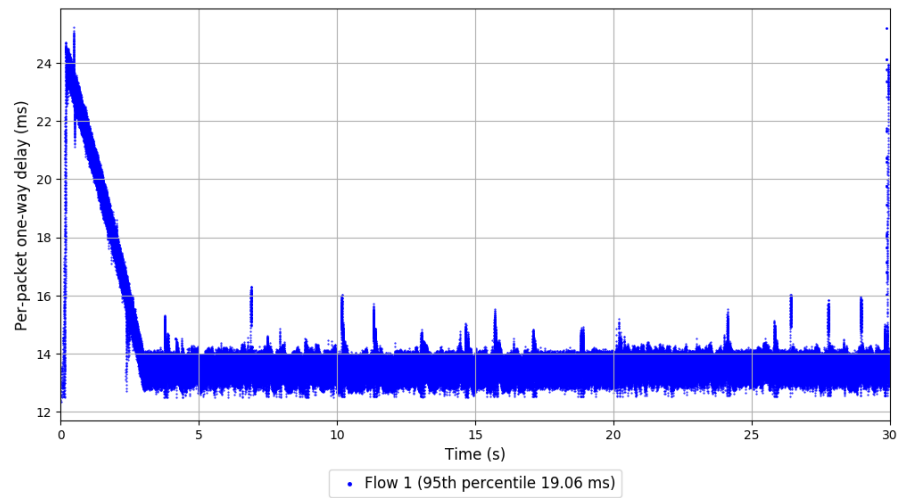
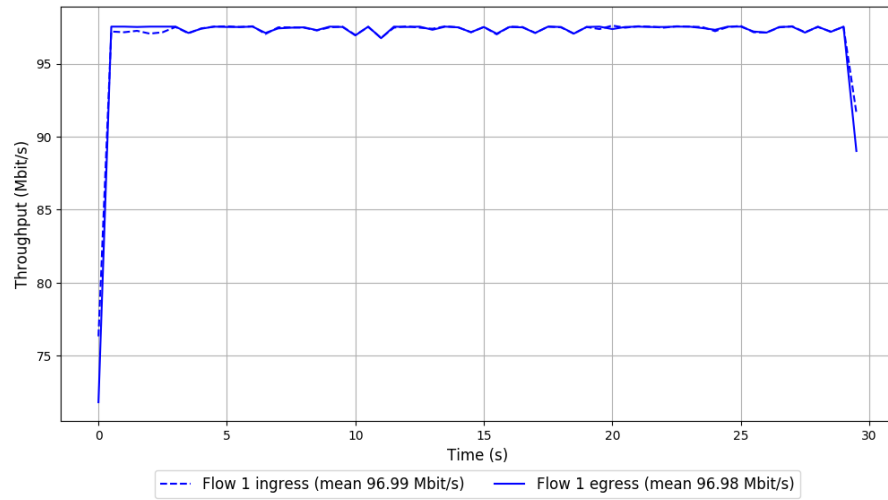
-- Flow 1:

Average throughput: 96.98 Mbit/s

95th percentile per-packet one-way delay: 19.056 ms

Loss rate: 0.09%

Run 2: Report of TCP Vegas — Data Link

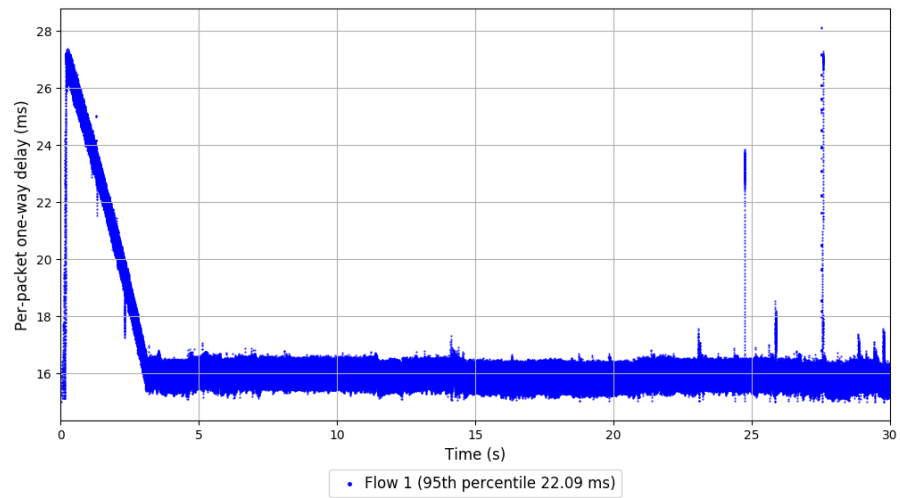
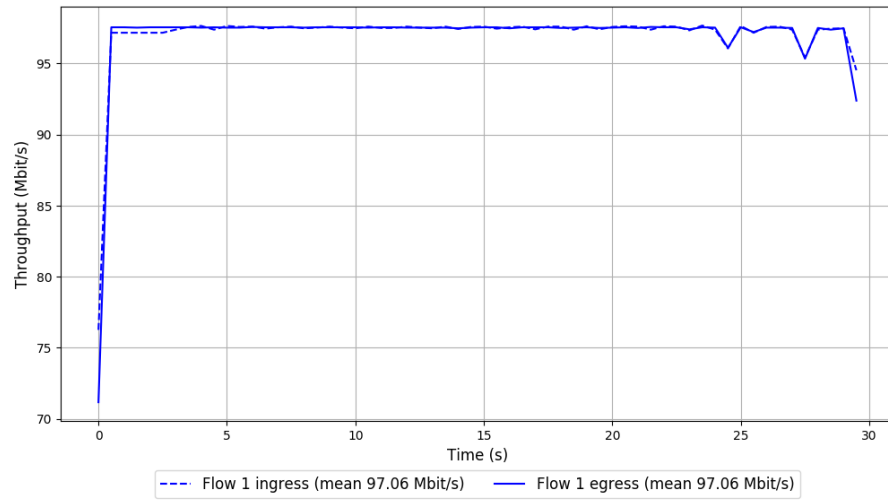


Run 3: Statistics of TCP Vegas

Start at: 2018-03-13 01:38:13
End at: 2018-03-13 01:38:43
Local clock offset: 2.749 ms
Remote clock offset: -0.195 ms

Below is generated by plot.py at 2018-03-13 08:07:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 22.092 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 22.092 ms
Loss rate: 0.09%

Run 3: Report of TCP Vegas — Data Link

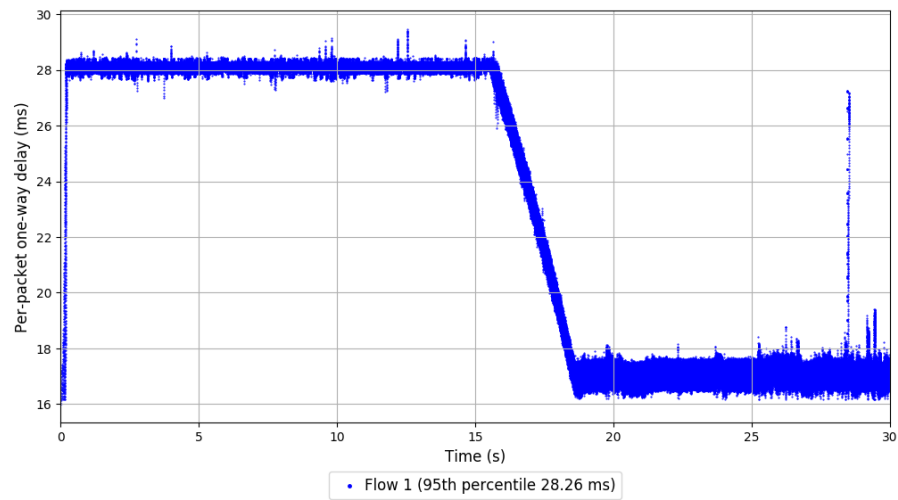
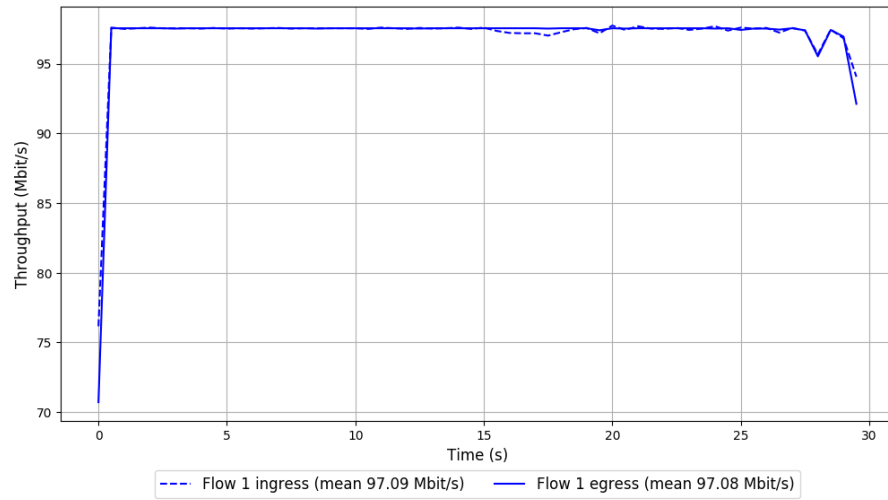


Run 4: Statistics of TCP Vegas

Start at: 2018-03-13 01:59:06
End at: 2018-03-13 01:59:36
Local clock offset: 3.291 ms
Remote clock offset: -2.621 ms

Below is generated by plot.py at 2018-03-13 08:07:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 28.256 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 28.256 ms
Loss rate: 0.09%

Run 4: Report of TCP Vegas — Data Link

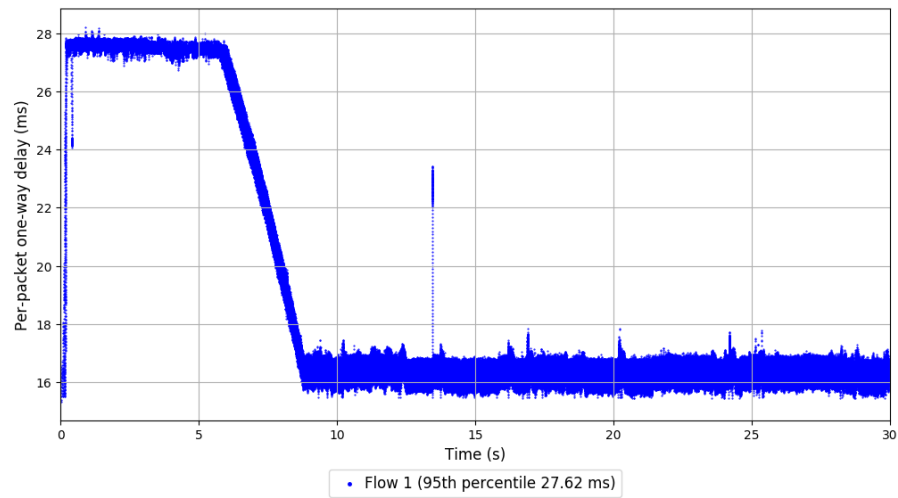
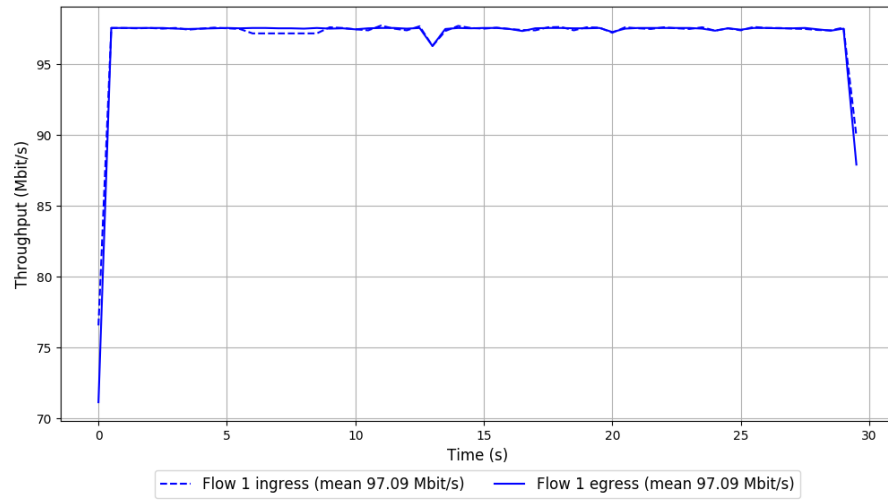


Run 5: Statistics of TCP Vegas

Start at: 2018-03-13 02:19:59
End at: 2018-03-13 02:20:29
Local clock offset: 3.882 ms
Remote clock offset: -3.015 ms

Below is generated by plot.py at 2018-03-13 08:07:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 27.616 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 27.616 ms
Loss rate: 0.09%

Run 5: Report of TCP Vegas — Data Link

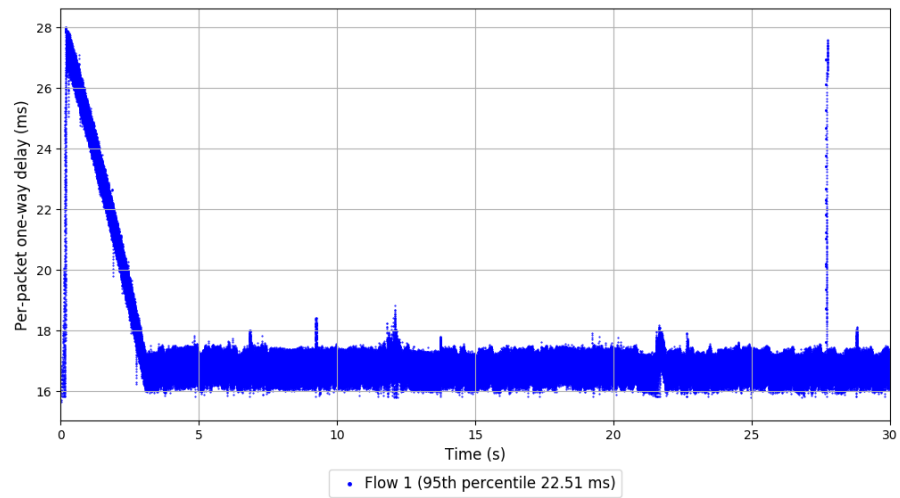
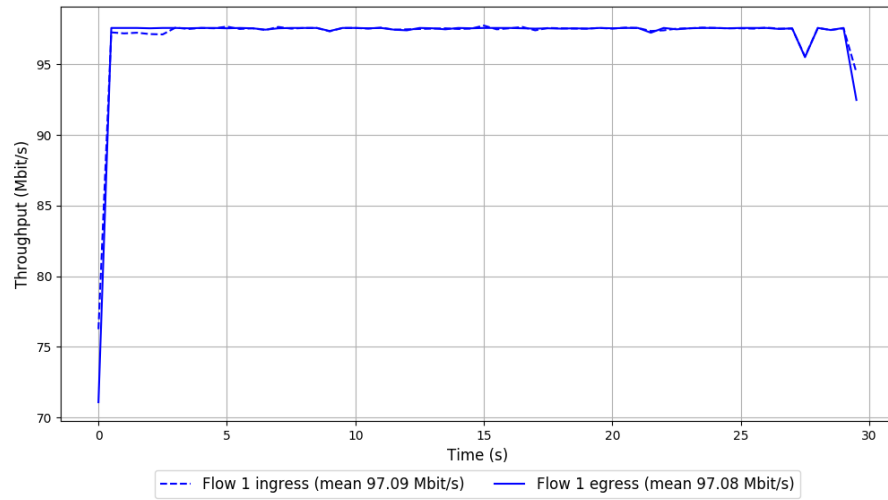


Run 6: Statistics of TCP Vegas

Start at: 2018-03-13 02:40:53
End at: 2018-03-13 02:41:23
Local clock offset: 5.486 ms
Remote clock offset: -2.002 ms

Below is generated by plot.py at 2018-03-13 08:07:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 22.506 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 22.506 ms
Loss rate: 0.09%

Run 6: Report of TCP Vegas — Data Link

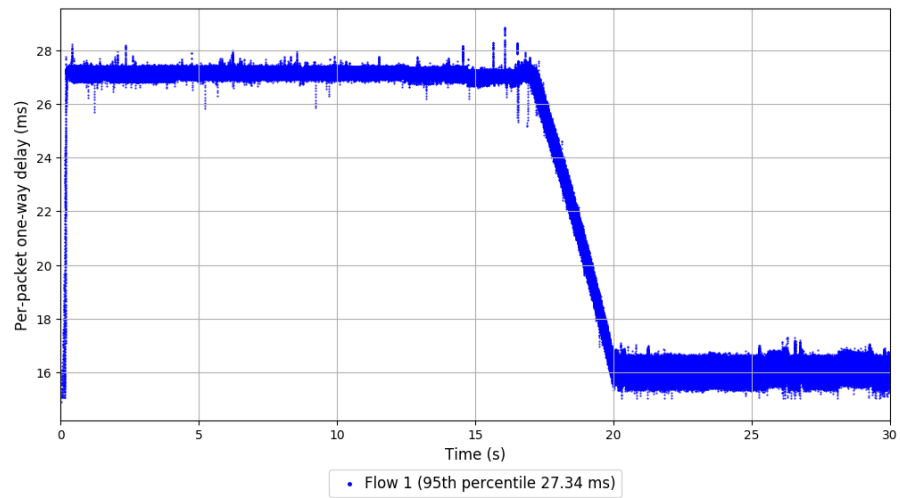
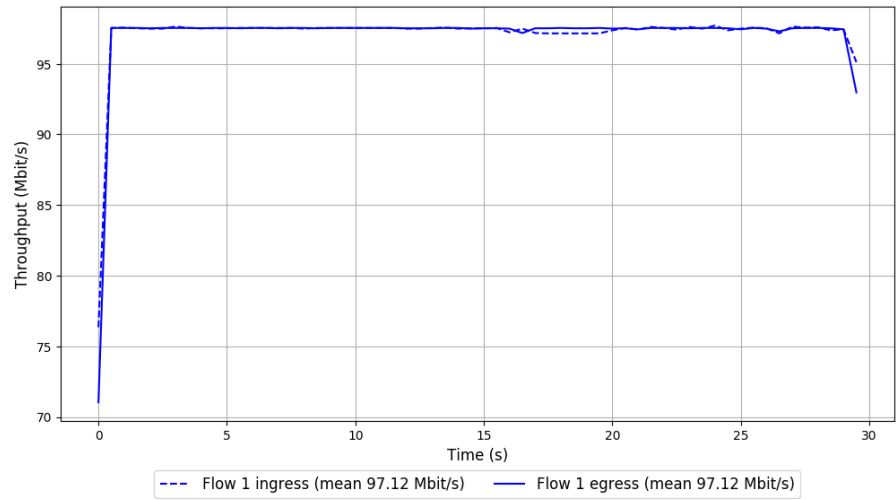


Run 7: Statistics of TCP Vegas

Start at: 2018-03-13 03:01:56
End at: 2018-03-13 03:02:26
Local clock offset: 3.522 ms
Remote clock offset: -1.927 ms

Below is generated by plot.py at 2018-03-13 08:07:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 27.339 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 27.339 ms
Loss rate: 0.09%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-03-13 03:22:54

End at: 2018-03-13 03:23:24

Local clock offset: 5.267 ms

Remote clock offset: 3.313 ms

Below is generated by plot.py at 2018-03-13 08:07:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 29.378 ms

Loss rate: 0.09%

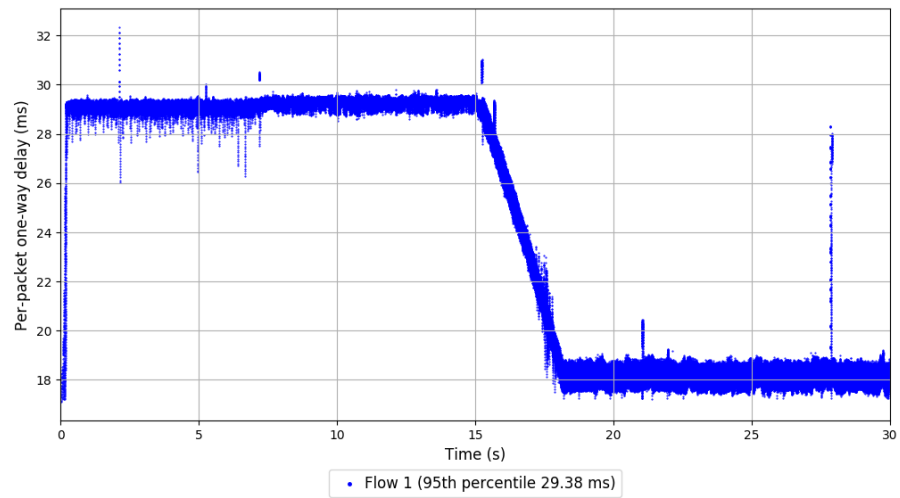
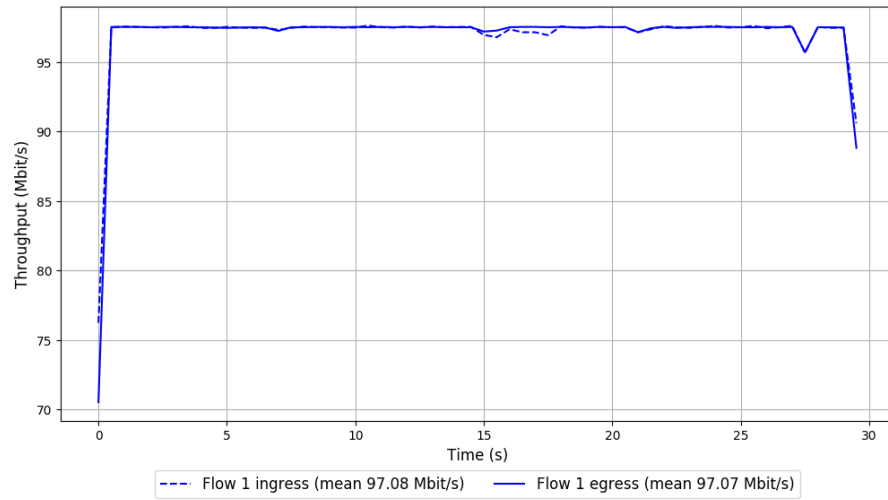
-- Flow 1:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 29.378 ms

Loss rate: 0.09%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-03-13 03:43:58

End at: 2018-03-13 03:44:28

Local clock offset: 5.625 ms

Remote clock offset: 1.194 ms

Below is generated by plot.py at 2018-03-13 08:07:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 28.925 ms

Loss rate: 0.09%

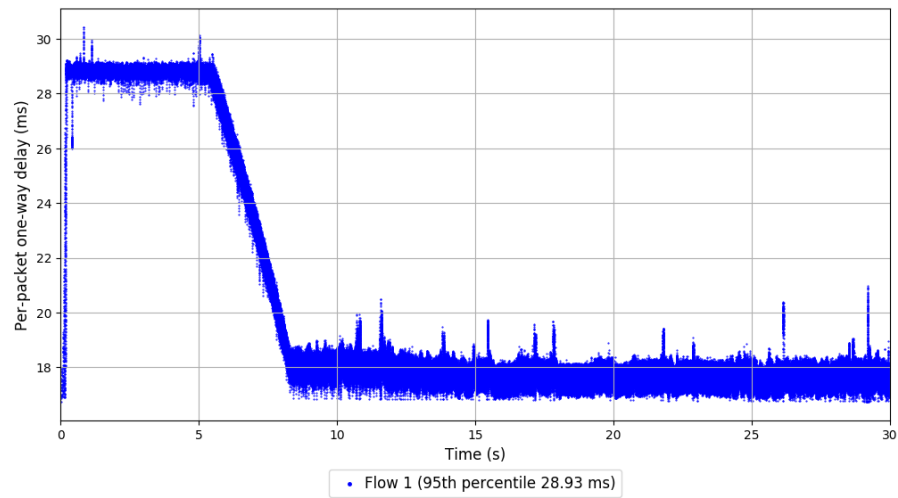
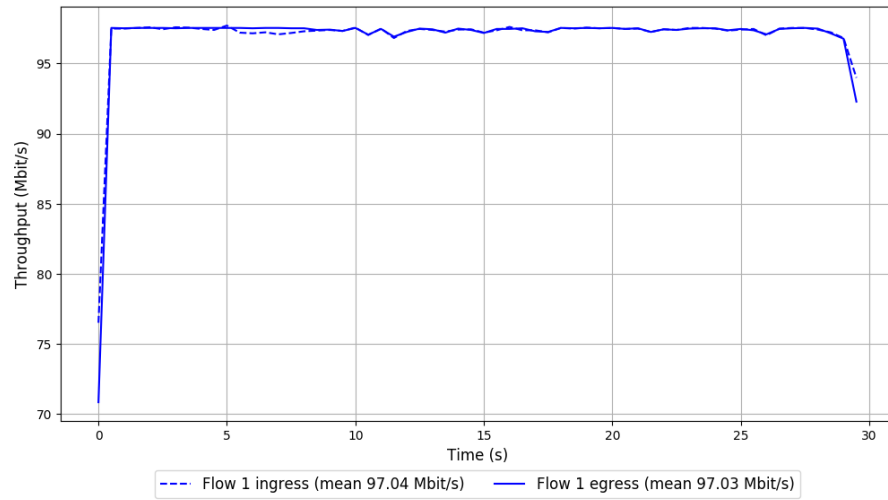
-- Flow 1:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 28.925 ms

Loss rate: 0.09%

Run 9: Report of TCP Vegas — Data Link

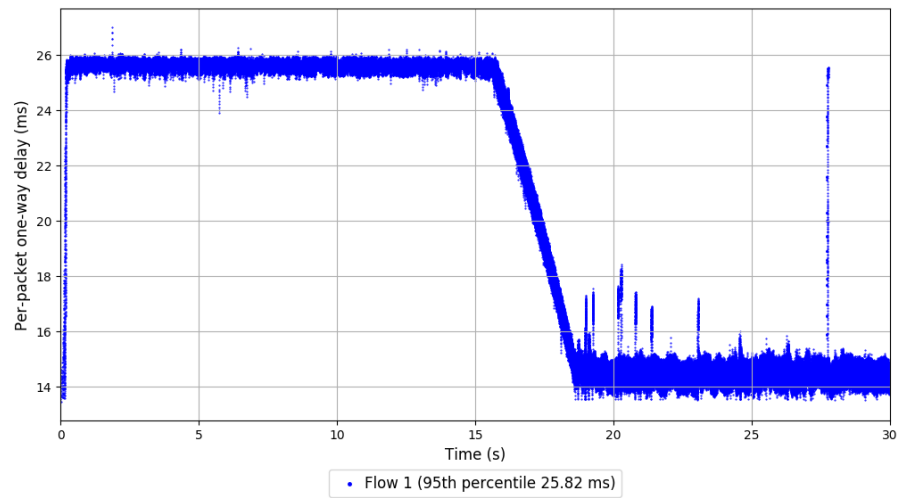
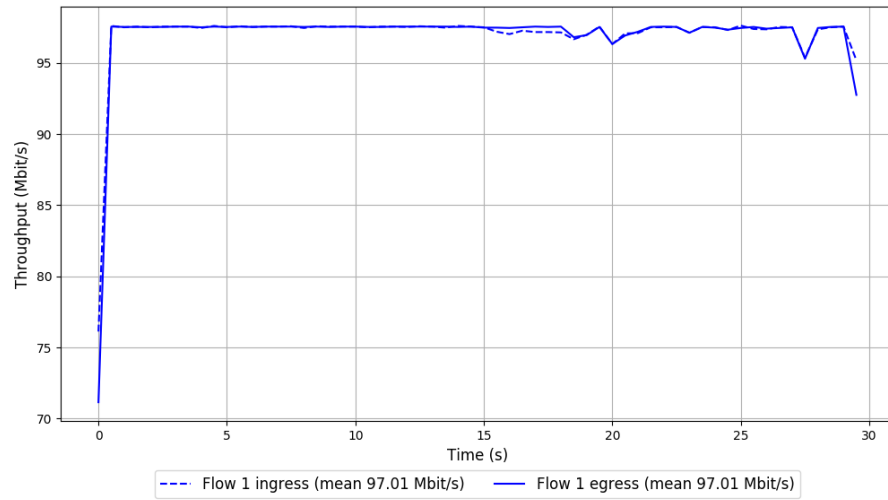


Run 10: Statistics of TCP Vegas

Start at: 2018-03-13 04:04:51
End at: 2018-03-13 04:05:21
Local clock offset: 2.987 ms
Remote clock offset: -1.406 ms

Below is generated by plot.py at 2018-03-13 08:07:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 25.824 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 25.824 ms
Loss rate: 0.09%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-03-13 01:07:56

End at: 2018-03-13 01:08:26

Local clock offset: 4.095 ms

Remote clock offset: 5.499 ms

Below is generated by plot.py at 2018-03-13 08:08:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.28 Mbit/s

95th percentile per-packet one-way delay: 28.587 ms

Loss rate: 0.13%

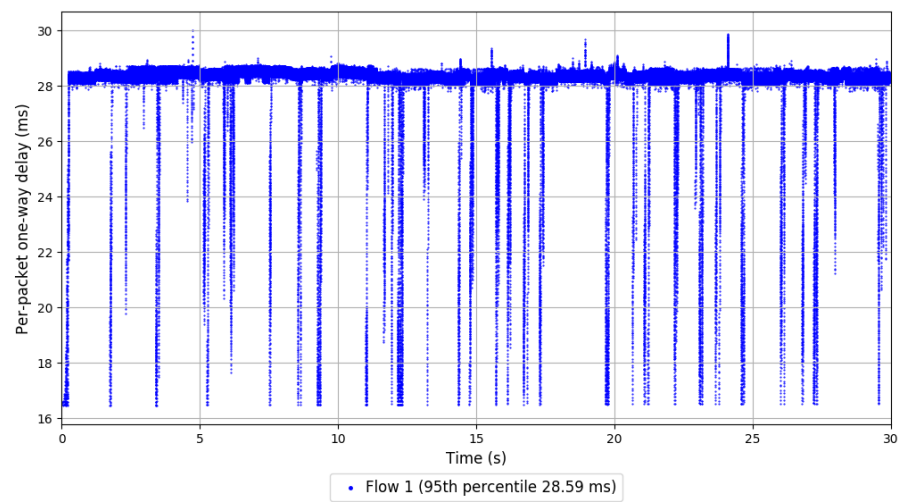
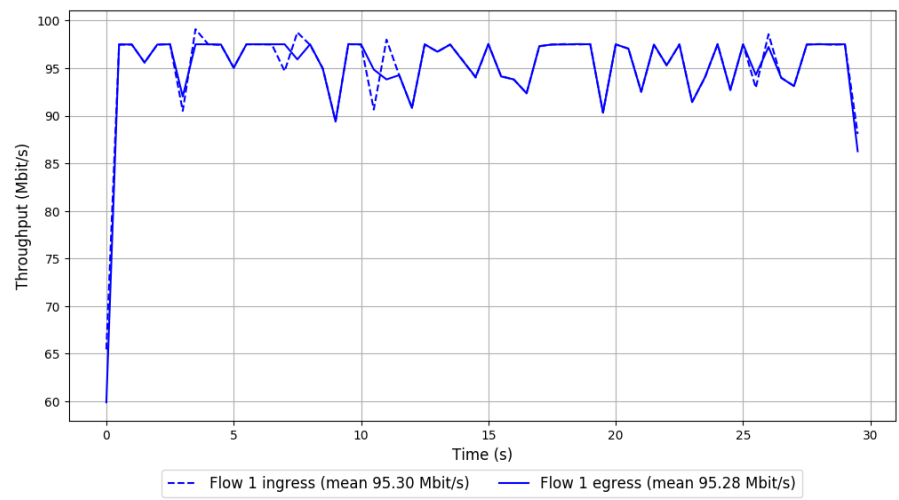
-- Flow 1:

Average throughput: 95.28 Mbit/s

95th percentile per-packet one-way delay: 28.587 ms

Loss rate: 0.13%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-03-13 01:28:50

End at: 2018-03-13 01:29:20

Local clock offset: 0.792 ms

Remote clock offset: 2.514 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.98 Mbit/s

95th percentile per-packet one-way delay: 25.005 ms

Loss rate: 0.13%

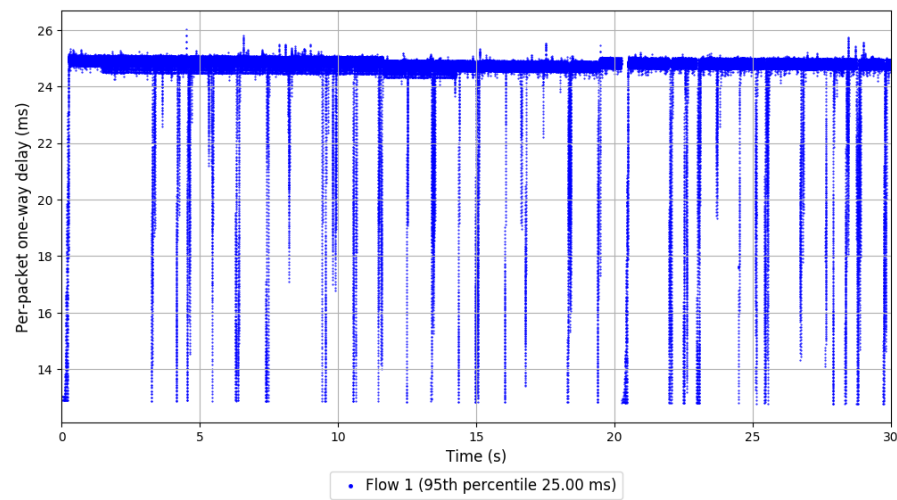
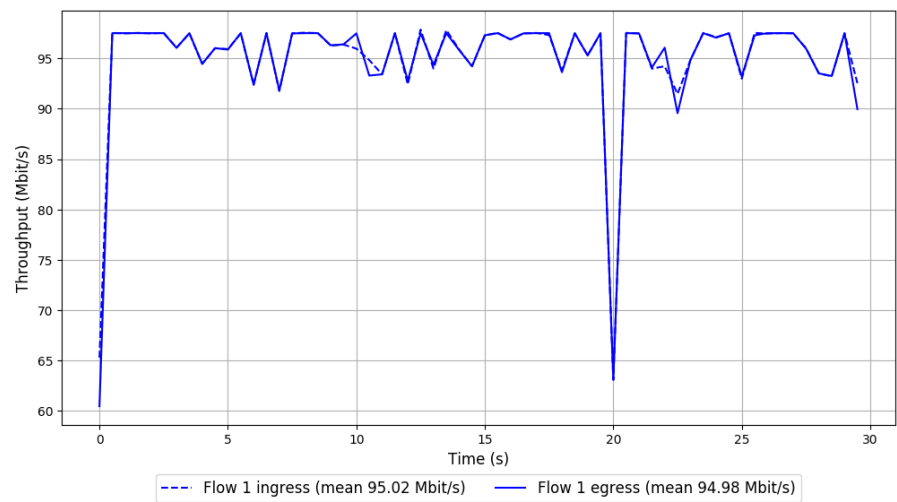
-- Flow 1:

Average throughput: 94.98 Mbit/s

95th percentile per-packet one-way delay: 25.005 ms

Loss rate: 0.13%

Run 2: Report of Verus — Data Link

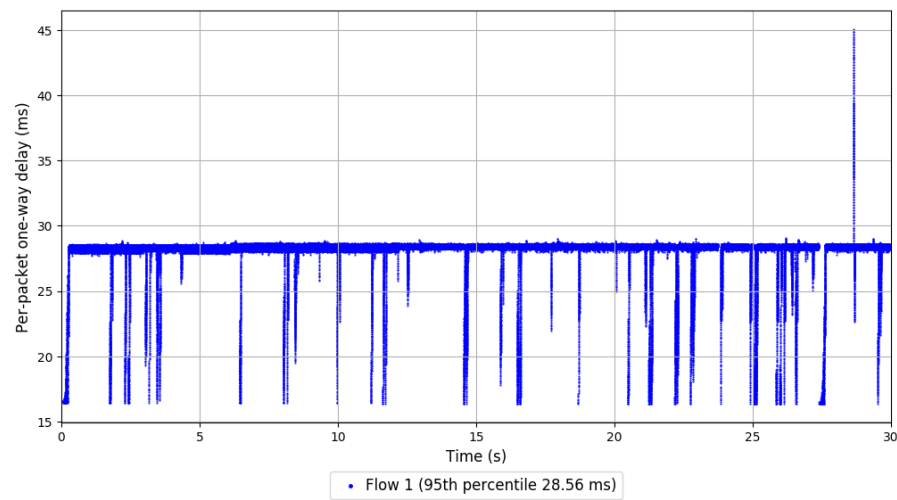
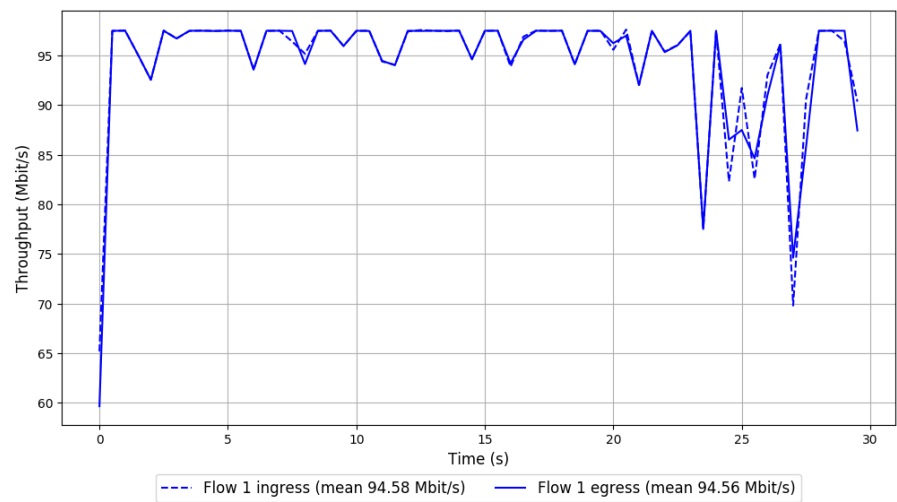


Run 3: Statistics of Verus

Start at: 2018-03-13 01:49:43
End at: 2018-03-13 01:50:13
Local clock offset: 3.564 ms
Remote clock offset: -2.656 ms

Below is generated by plot.py at 2018-03-13 08:08:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.56 Mbit/s
95th percentile per-packet one-way delay: 28.563 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 94.56 Mbit/s
95th percentile per-packet one-way delay: 28.563 ms
Loss rate: 0.13%

Run 3: Report of Verus — Data Link

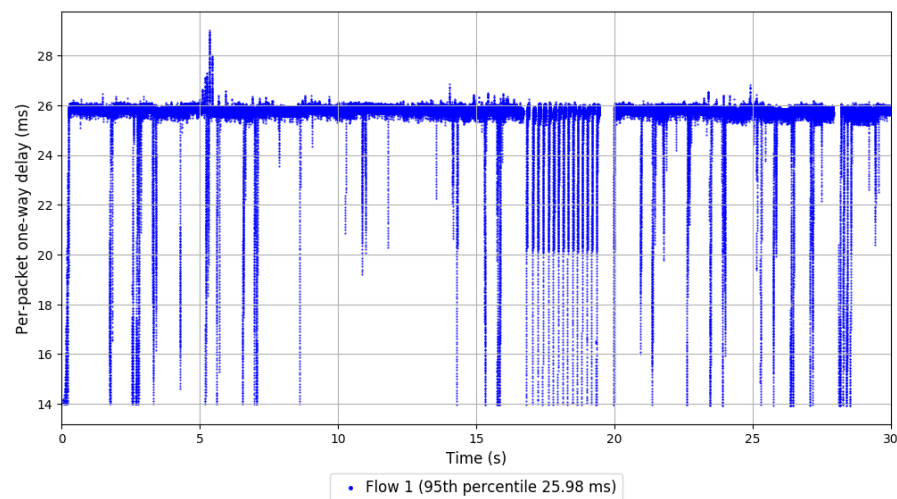
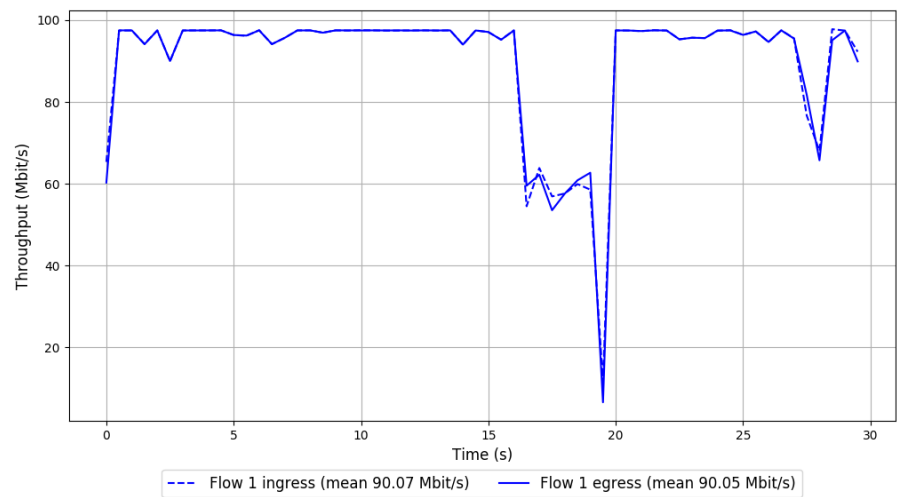


Run 4: Statistics of Verus

Start at: 2018-03-13 02:10:36
End at: 2018-03-13 02:11:06
Local clock offset: 1.341 ms
Remote clock offset: -2.721 ms

Below is generated by plot.py at 2018-03-13 08:08:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 25.982 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 25.982 ms
Loss rate: 0.14%

Run 4: Report of Verus — Data Link

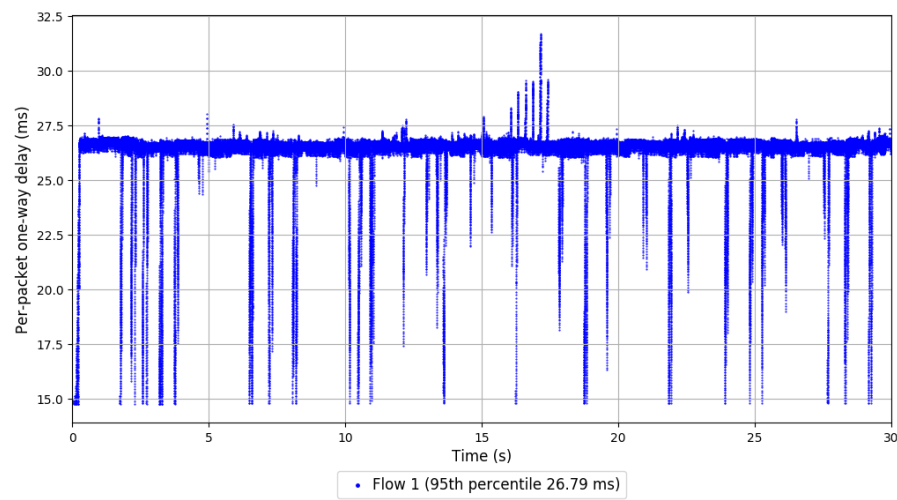
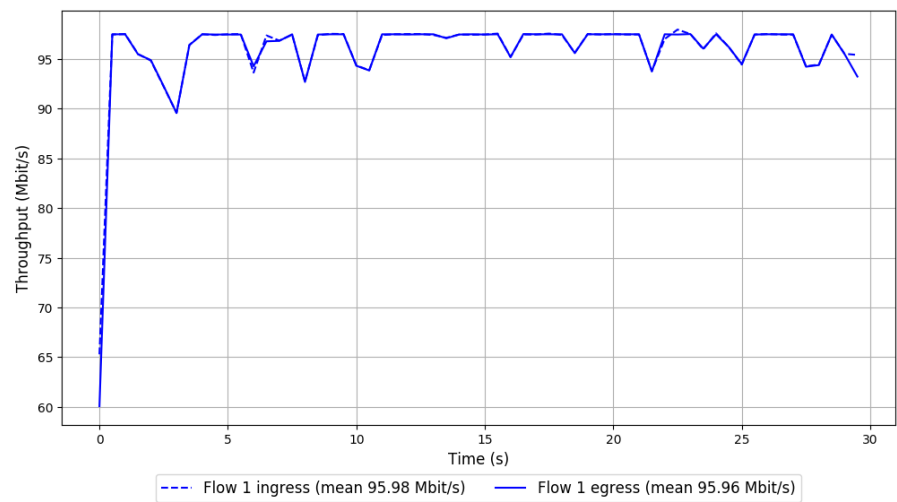


Run 5: Statistics of Verus

Start at: 2018-03-13 02:31:31
End at: 2018-03-13 02:32:01
Local clock offset: 3.627 ms
Remote clock offset: -3.053 ms

Below is generated by plot.py at 2018-03-13 08:09:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 26.794 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 26.794 ms
Loss rate: 0.13%

Run 5: Report of Verus — Data Link

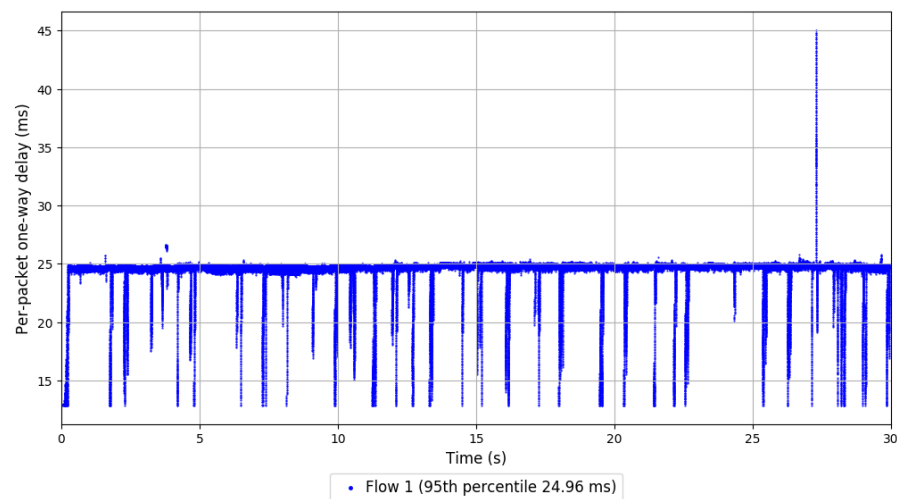
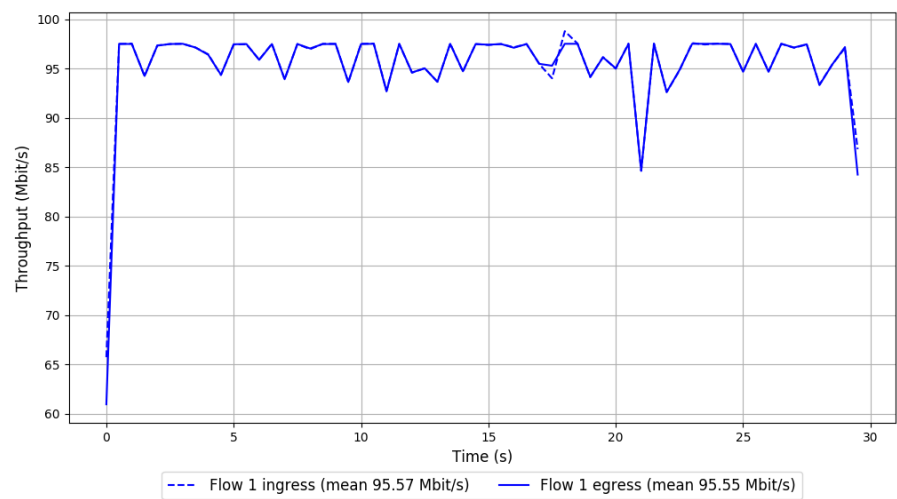


Run 6: Statistics of Verus

Start at: 2018-03-13 02:52:35
End at: 2018-03-13 02:53:05
Local clock offset: 1.814 ms
Remote clock offset: -1.726 ms

Below is generated by plot.py at 2018-03-13 08:09:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 24.957 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 24.957 ms
Loss rate: 0.13%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

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

End at: 2018-03-13 03:14:06

Local clock offset: 5.066 ms

Remote clock offset: 2.154 ms

Below is generated by plot.py at 2018-03-13 08:09:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.45 Mbit/s

95th percentile per-packet one-way delay: 29.164 ms

Loss rate: 0.13%

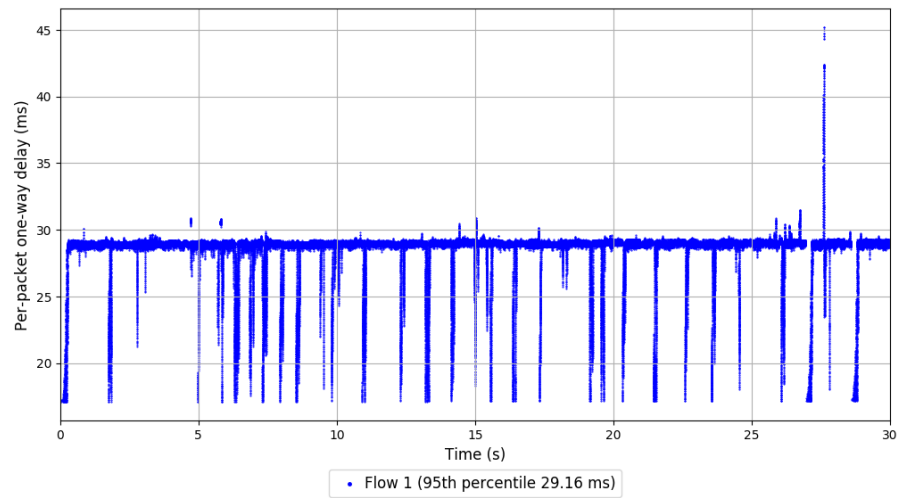
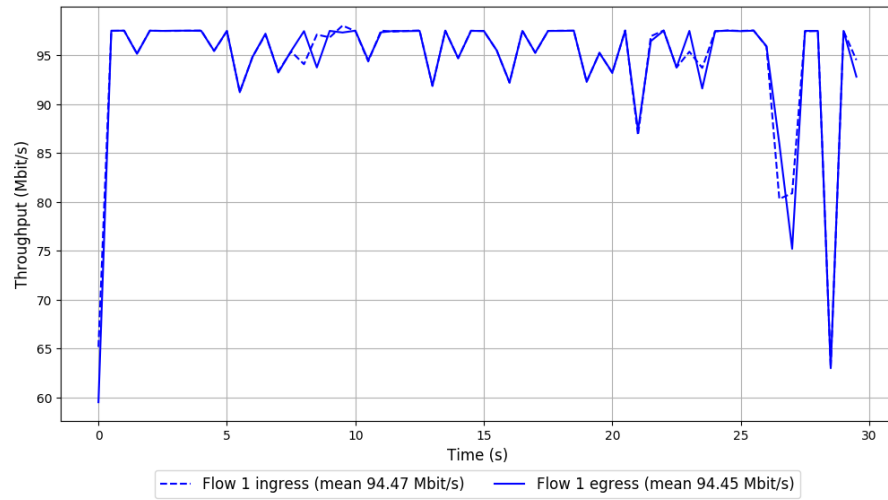
-- Flow 1:

Average throughput: 94.45 Mbit/s

95th percentile per-packet one-way delay: 29.164 ms

Loss rate: 0.13%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-03-13 03:34:29

End at: 2018-03-13 03:34:59

Local clock offset: 5.356 ms

Remote clock offset: 4.501 ms

Below is generated by plot.py at 2018-03-13 08:09:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.63 Mbit/s

95th percentile per-packet one-way delay: 28.762 ms

Loss rate: 0.13%

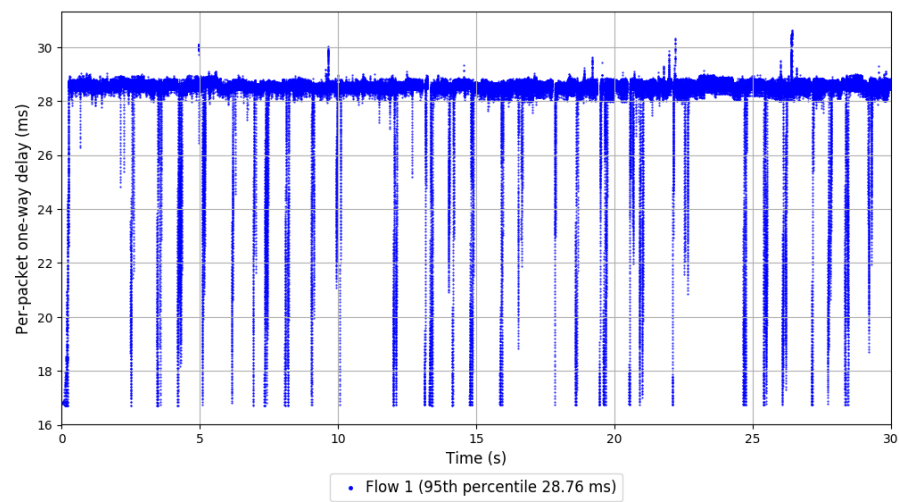
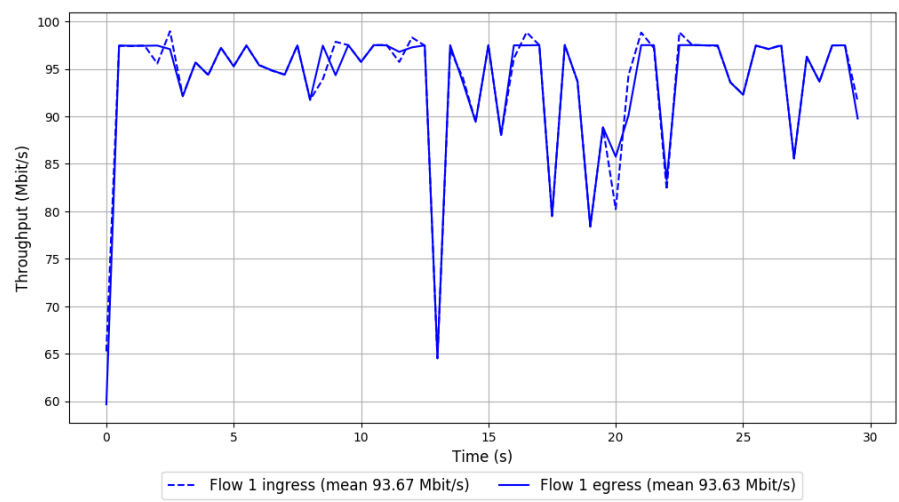
-- Flow 1:

Average throughput: 93.63 Mbit/s

95th percentile per-packet one-way delay: 28.762 ms

Loss rate: 0.13%

Run 8: Report of Verus — Data Link

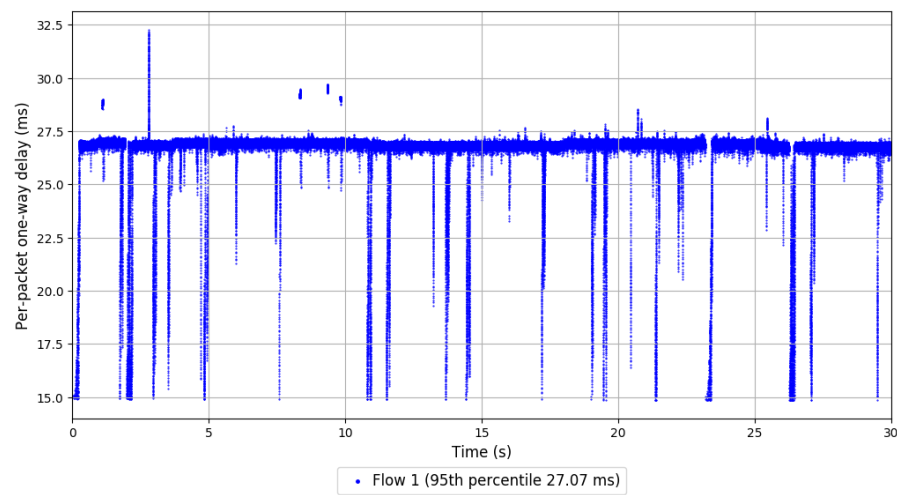
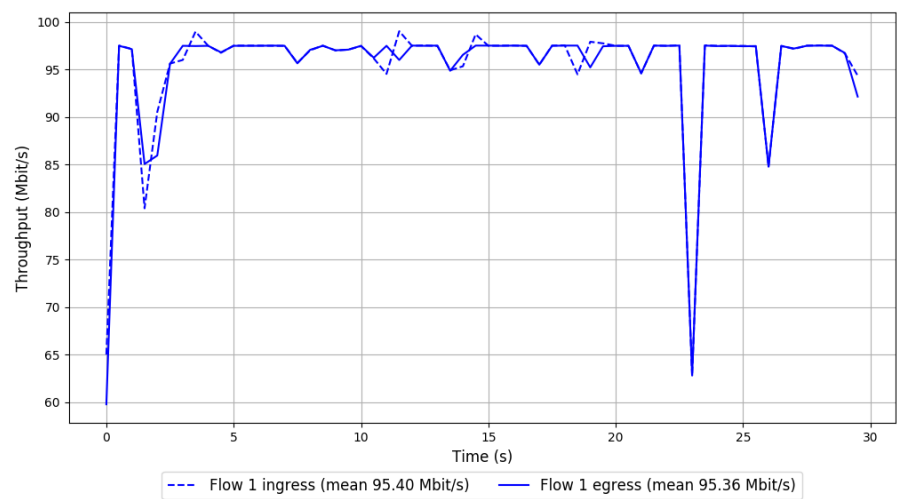


Run 9: Statistics of Verus

Start at: 2018-03-13 03:55:33
End at: 2018-03-13 03:56:03
Local clock offset: 3.703 ms
Remote clock offset: -1.116 ms

Below is generated by plot.py at 2018-03-13 08:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 27.070 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 27.070 ms
Loss rate: 0.13%

Run 9: Report of Verus — Data Link

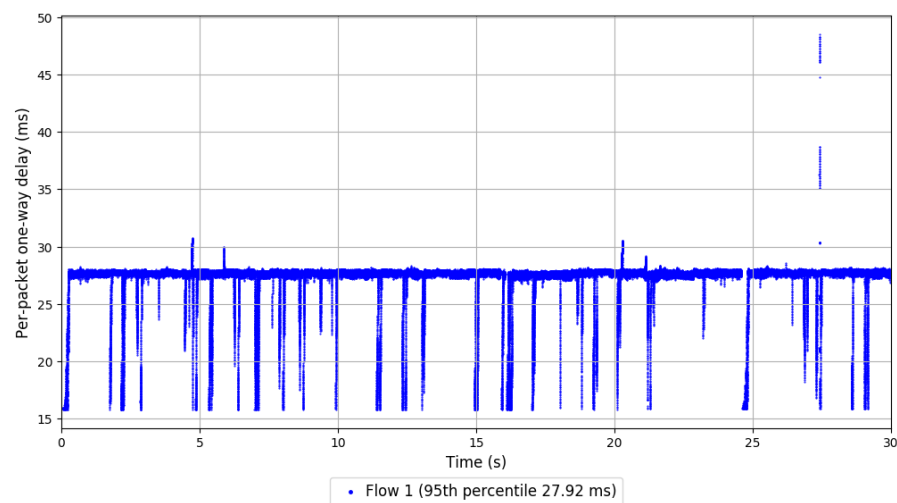
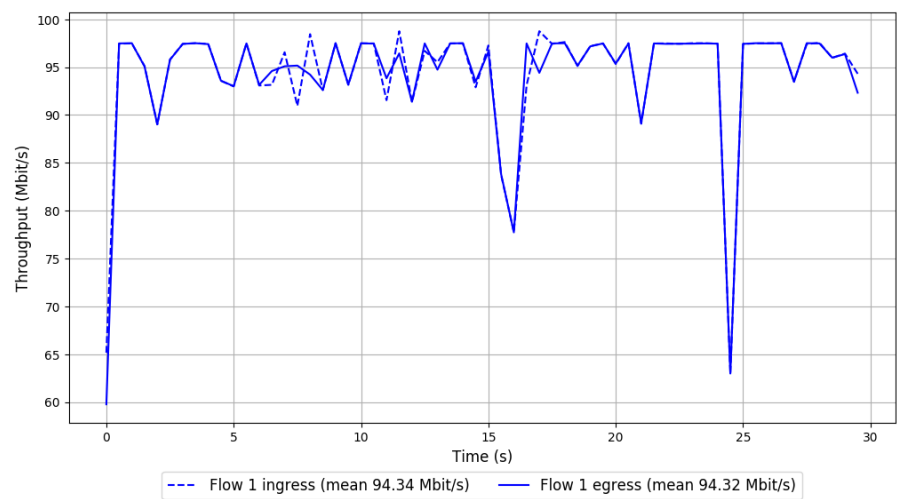


Run 10: Statistics of Verus

Start at: 2018-03-13 04:16:39
End at: 2018-03-13 04:17:09
Local clock offset: 5.217 ms
Remote clock offset: -0.146 ms

Below is generated by plot.py at 2018-03-13 08:09:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 27.920 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 27.920 ms
Loss rate: 0.13%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-03-13 00:50:26

End at: 2018-03-13 00:50:56

Local clock offset: 3.929 ms

Remote clock offset: 4.535 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.15 Mbit/s

95th percentile per-packet one-way delay: 20.796 ms

Loss rate: 0.09%

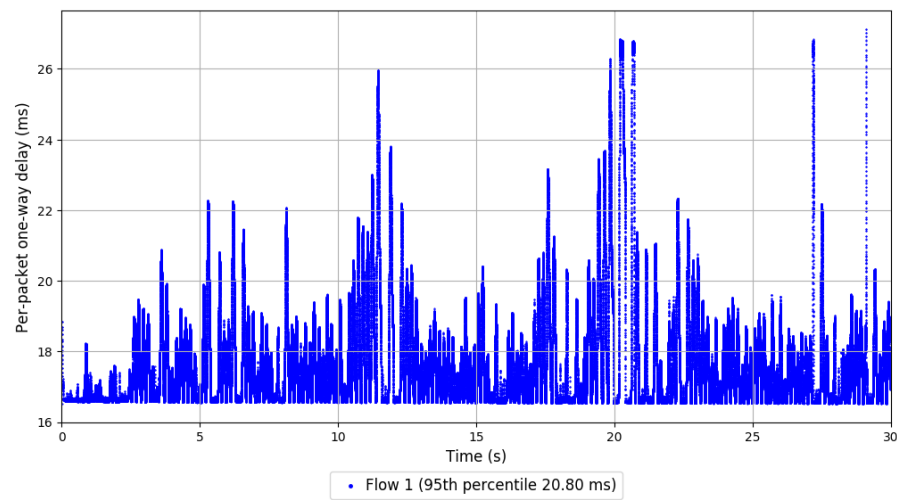
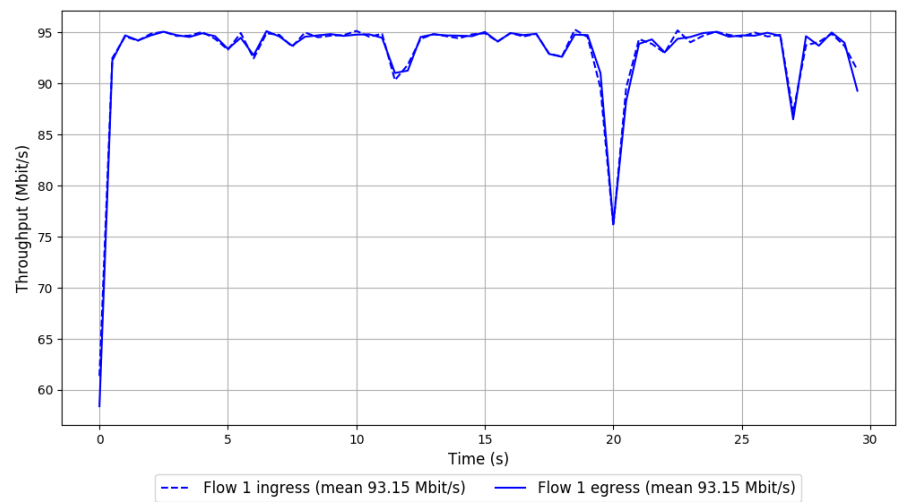
-- Flow 1:

Average throughput: 93.15 Mbit/s

95th percentile per-packet one-way delay: 20.796 ms

Loss rate: 0.09%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-03-13 01:11:27

End at: 2018-03-13 01:11:57

Local clock offset: 3.443 ms

Remote clock offset: 5.508 ms

Below is generated by plot.py at 2018-03-13 08:11:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.32 Mbit/s

95th percentile per-packet one-way delay: 19.310 ms

Loss rate: 0.09%

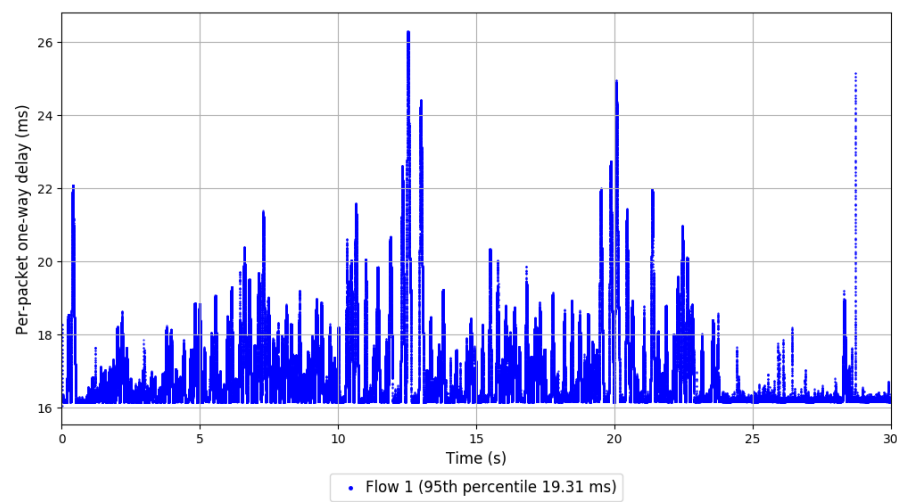
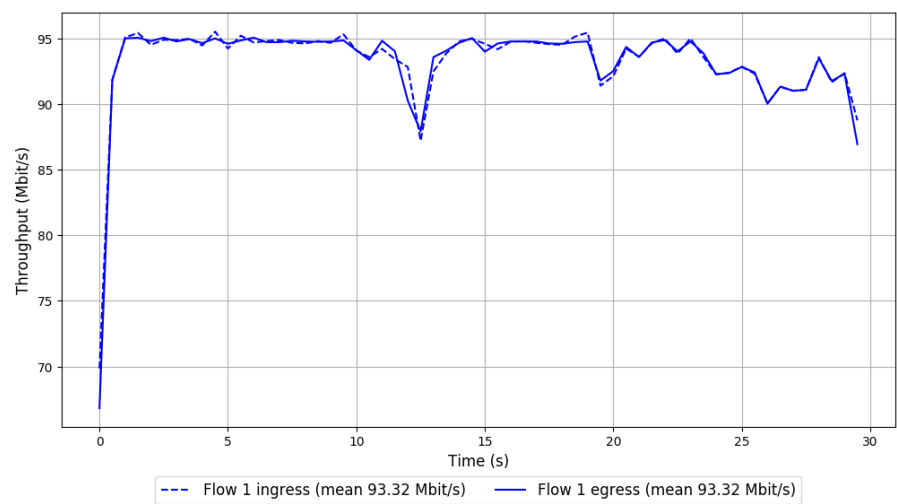
-- Flow 1:

Average throughput: 93.32 Mbit/s

95th percentile per-packet one-way delay: 19.310 ms

Loss rate: 0.09%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-03-13 01:32:22

End at: 2018-03-13 01:32:52

Local clock offset: 2.862 ms

Remote clock offset: 0.246 ms

Below is generated by plot.py at 2018-03-13 08:11:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.50 Mbit/s

95th percentile per-packet one-way delay: 20.734 ms

Loss rate: 0.08%

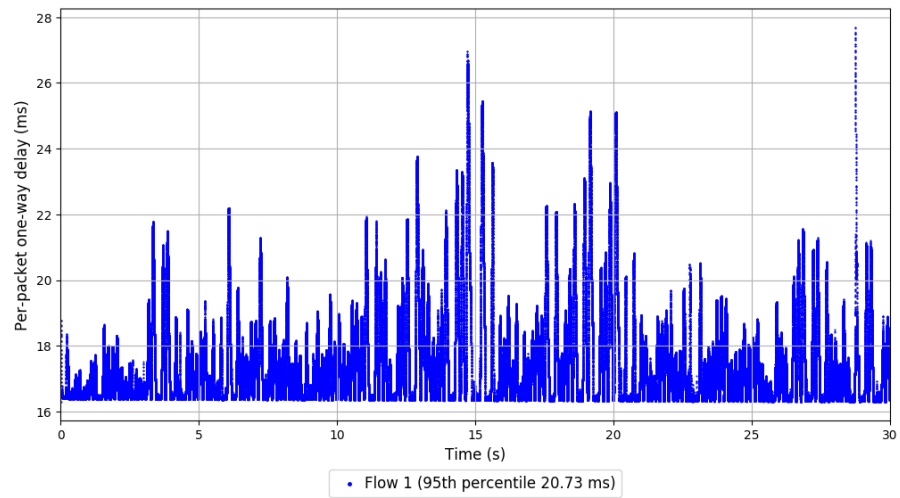
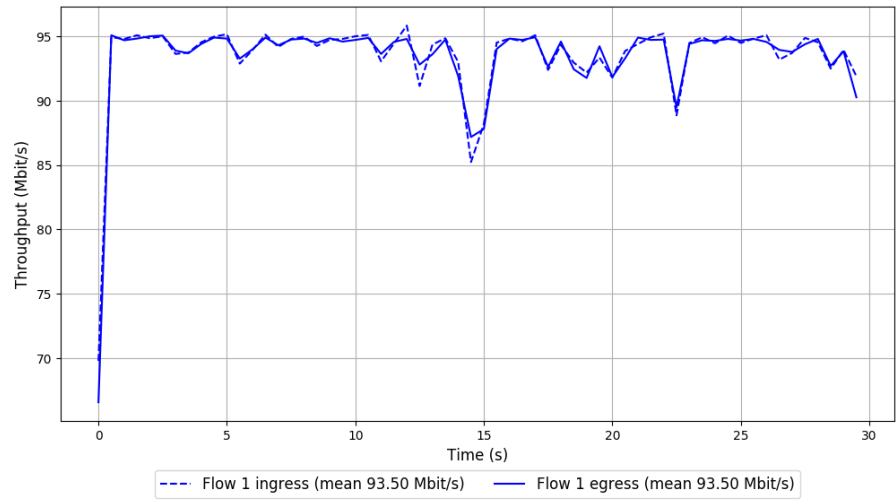
-- Flow 1:

Average throughput: 93.50 Mbit/s

95th percentile per-packet one-way delay: 20.734 ms

Loss rate: 0.08%

Run 3: Report of Copa — Data Link

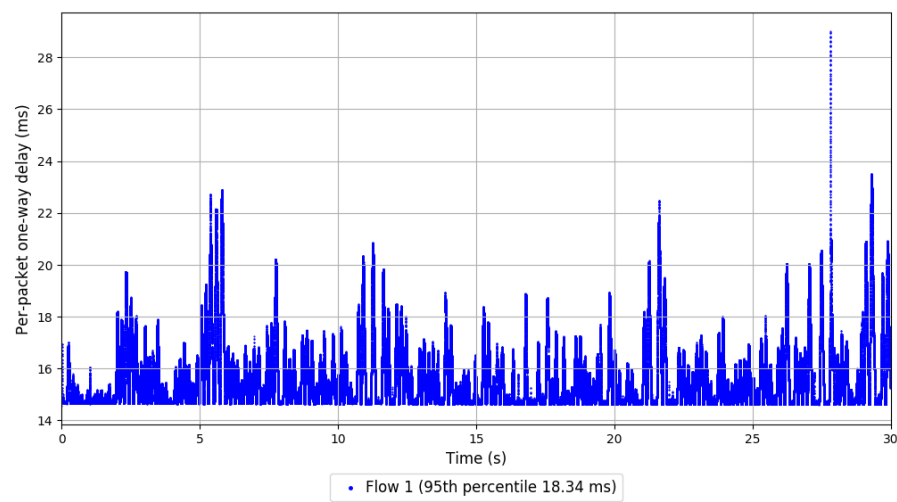
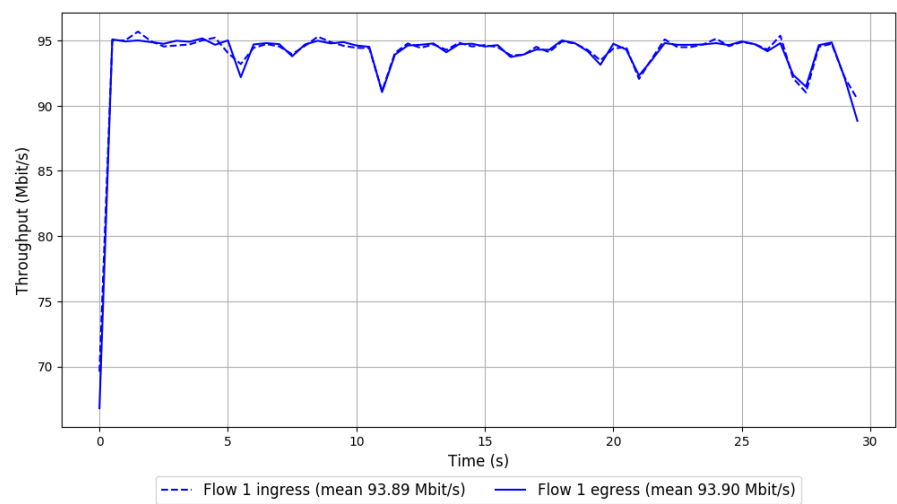


Run 4: Statistics of Copa

Start at: 2018-03-13 01:53:13
End at: 2018-03-13 01:53:44
Local clock offset: 3.175 ms
Remote clock offset: -1.685 ms

Below is generated by plot.py at 2018-03-13 08:11:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 18.345 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 18.345 ms
Loss rate: 0.08%

Run 4: Report of Copa — Data Link

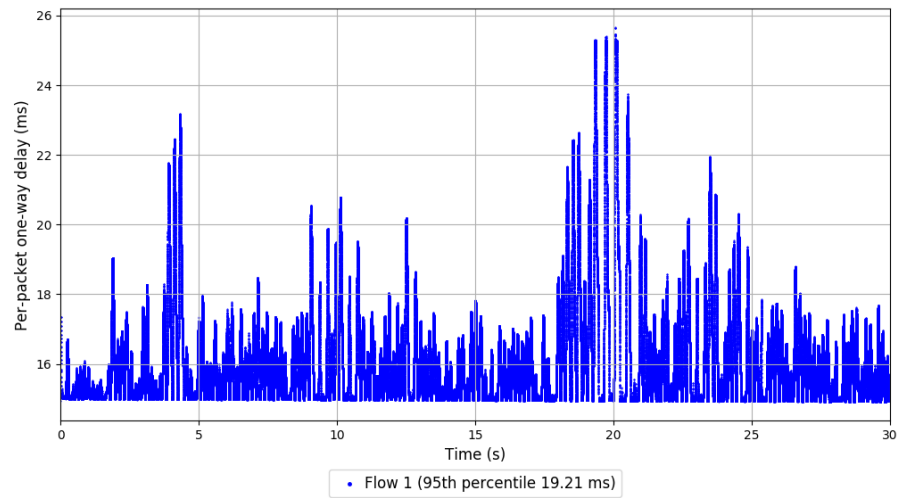
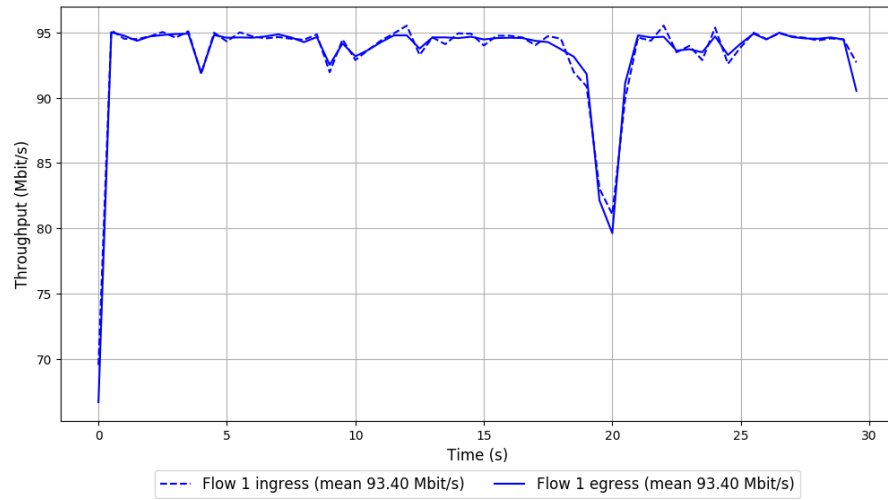


Run 5: Statistics of Copa

Start at: 2018-03-13 02:14:10
End at: 2018-03-13 02:14:40
Local clock offset: 3.747 ms
Remote clock offset: -1.966 ms

Below is generated by plot.py at 2018-03-13 08:11:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.40 Mbit/s
95th percentile per-packet one-way delay: 19.211 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.40 Mbit/s
95th percentile per-packet one-way delay: 19.211 ms
Loss rate: 0.09%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-03-13 02:35:03

End at: 2018-03-13 02:35:33

Local clock offset: 6.007 ms

Remote clock offset: -2.32 ms

Below is generated by plot.py at 2018-03-13 08:11:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 21.630 ms

Loss rate: 0.09%

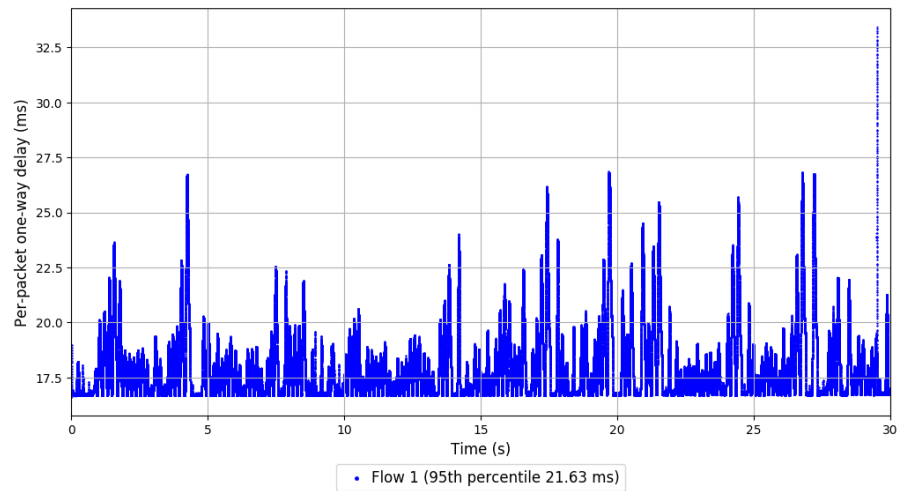
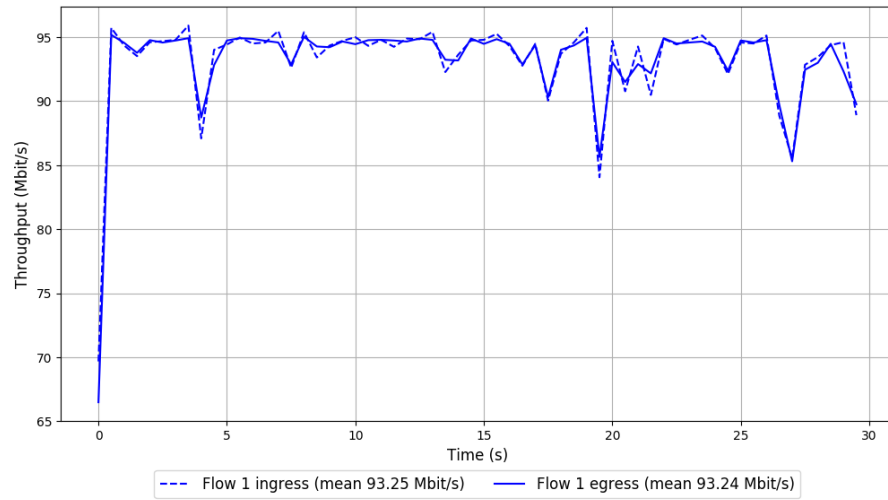
-- Flow 1:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 21.630 ms

Loss rate: 0.09%

Run 6: Report of Copa — Data Link

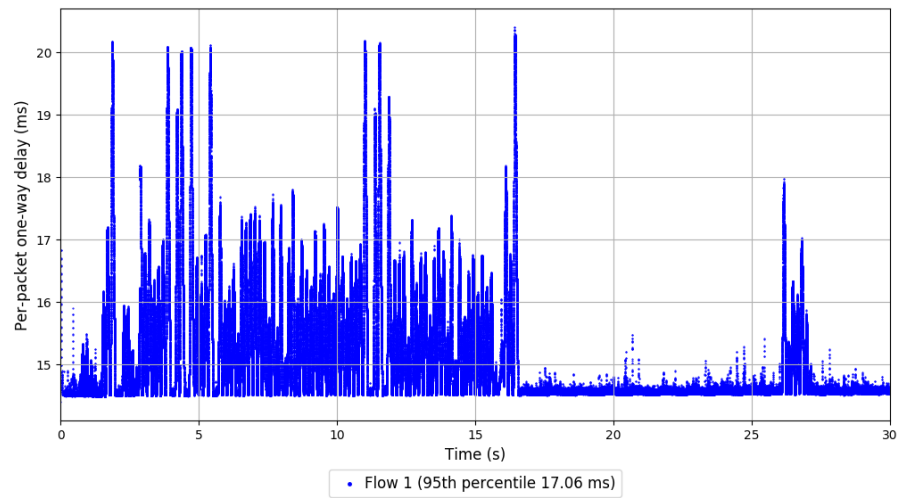
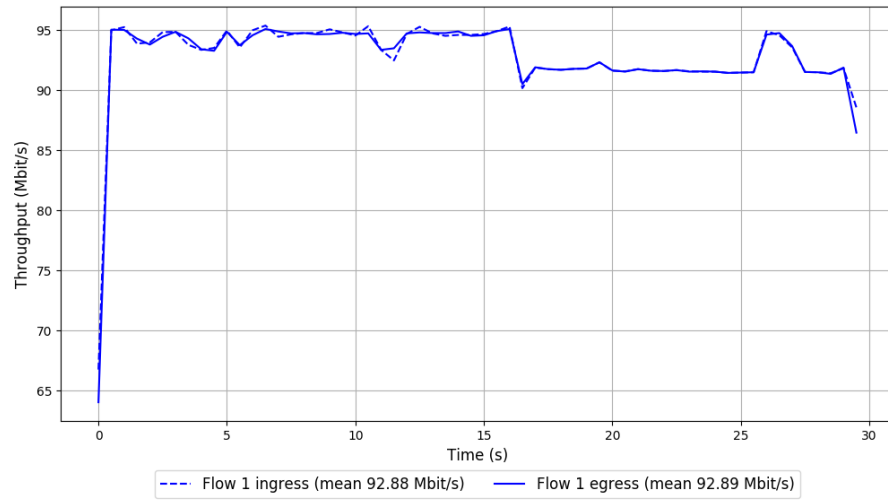


Run 7: Statistics of Copa

Start at: 2018-03-13 02:56:06
End at: 2018-03-13 02:56:36
Local clock offset: 4.001 ms
Remote clock offset: -1.079 ms

Below is generated by plot.py at 2018-03-13 08:12:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.89 Mbit/s
95th percentile per-packet one-way delay: 17.061 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.89 Mbit/s
95th percentile per-packet one-way delay: 17.061 ms
Loss rate: 0.09%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-03-13 03:17:05

End at: 2018-03-13 03:17:35

Local clock offset: 2.653 ms

Remote clock offset: 2.149 ms

Below is generated by plot.py at 2018-03-13 08:12:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.86 Mbit/s

95th percentile per-packet one-way delay: 19.448 ms

Loss rate: 0.10%

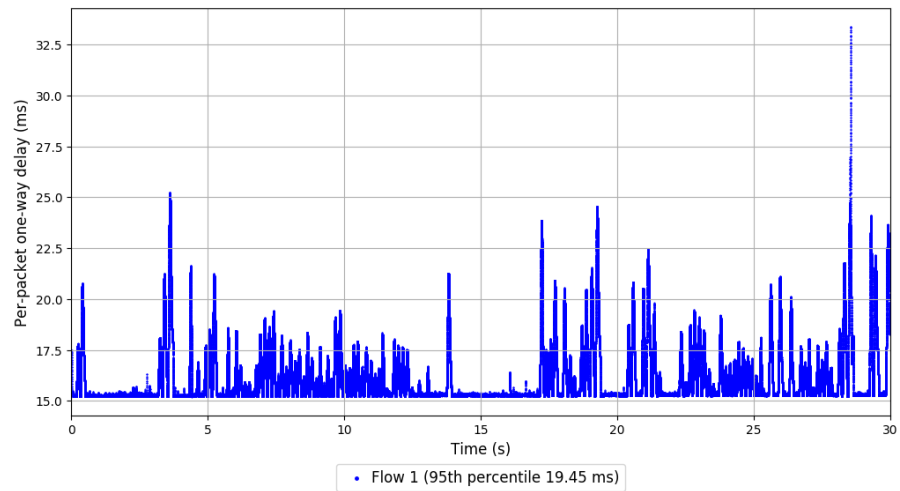
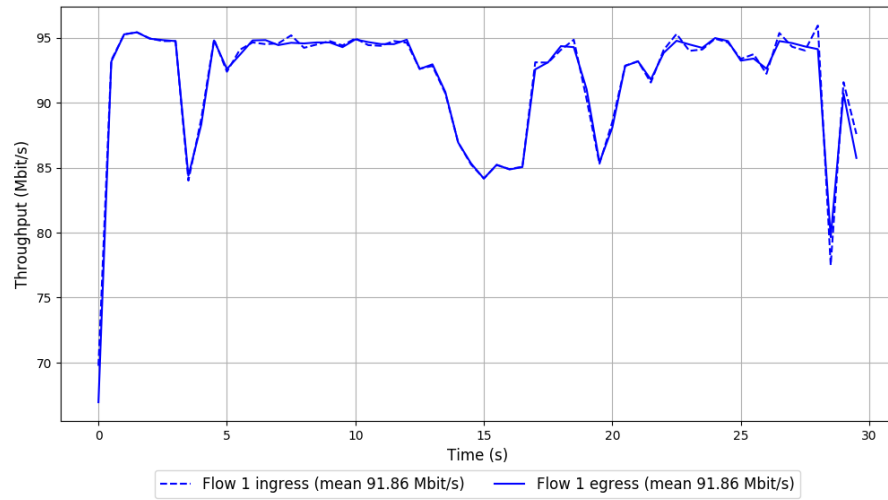
-- Flow 1:

Average throughput: 91.86 Mbit/s

95th percentile per-packet one-way delay: 19.448 ms

Loss rate: 0.10%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-03-13 03:38:01

End at: 2018-03-13 03:38:31

Local clock offset: 5.409 ms

Remote clock offset: 4.284 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.52 Mbit/s

95th percentile per-packet one-way delay: 22.835 ms

Loss rate: 0.09%

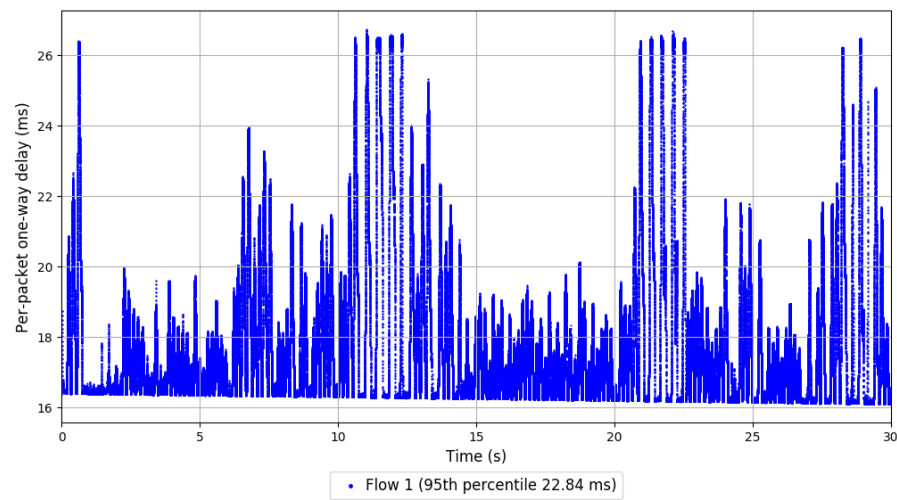
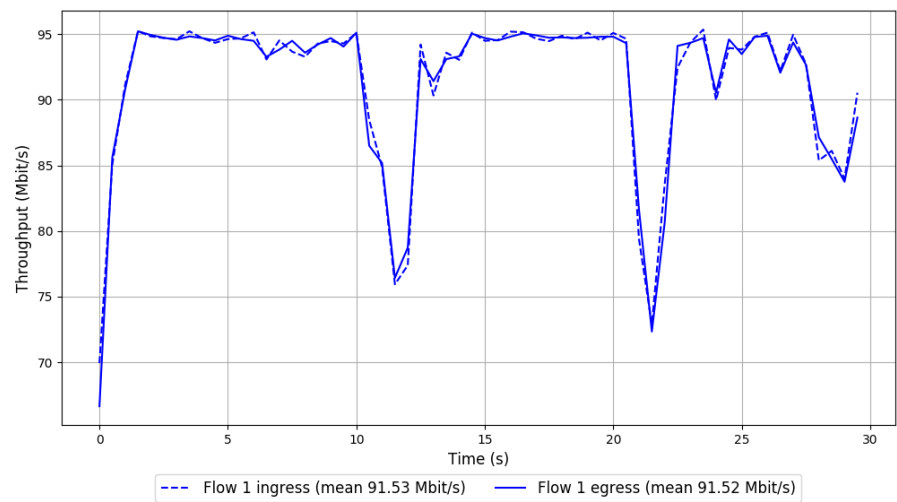
-- Flow 1:

Average throughput: 91.52 Mbit/s

95th percentile per-packet one-way delay: 22.835 ms

Loss rate: 0.09%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-03-13 03:59:04

End at: 2018-03-13 03:59:34

Local clock offset: 6.566 ms

Remote clock offset: -1.22 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.20 Mbit/s

95th percentile per-packet one-way delay: 20.269 ms

Loss rate: 0.09%

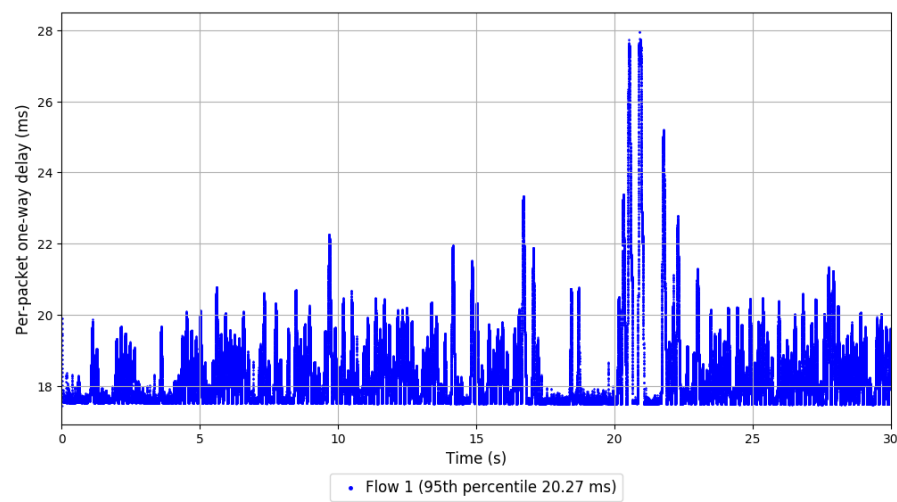
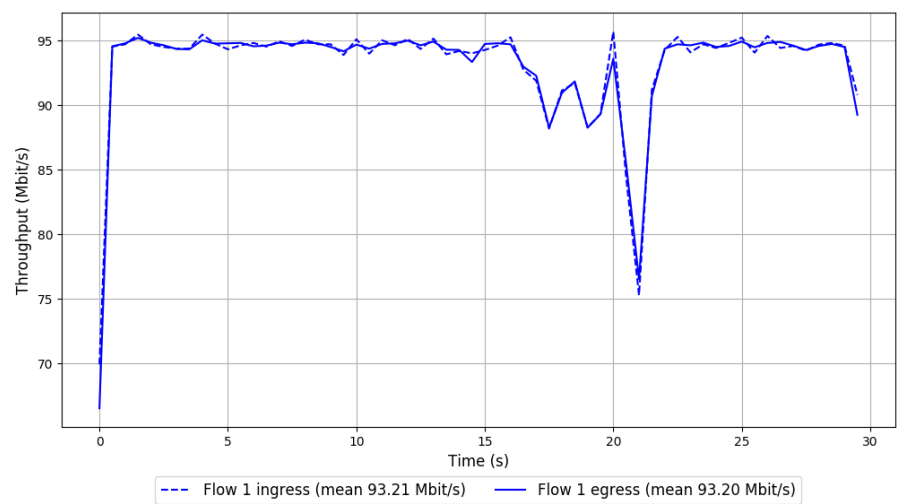
-- Flow 1:

Average throughput: 93.20 Mbit/s

95th percentile per-packet one-way delay: 20.269 ms

Loss rate: 0.09%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-03-13 00:49:19

End at: 2018-03-13 00:49:49

Local clock offset: 5.291 ms

Remote clock offset: 5.753 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.77 Mbit/s

95th percentile per-packet one-way delay: 27.774 ms

Loss rate: 0.12%

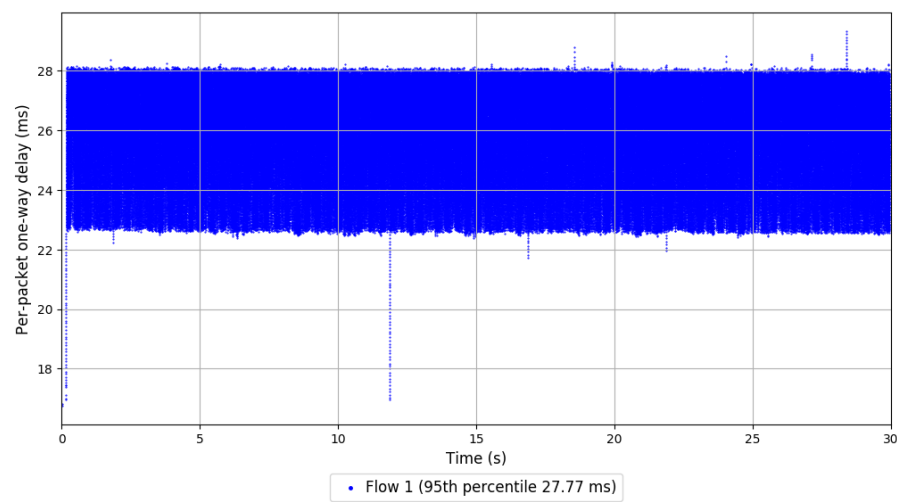
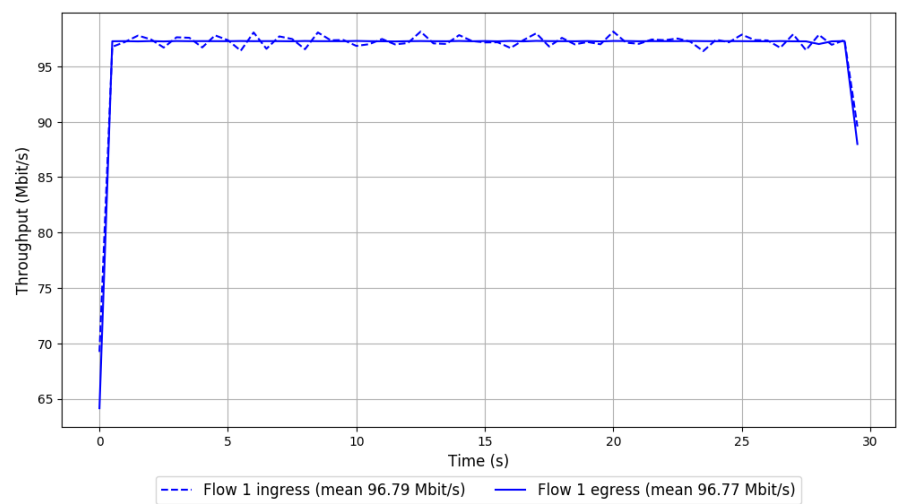
-- Flow 1:

Average throughput: 96.77 Mbit/s

95th percentile per-packet one-way delay: 27.774 ms

Loss rate: 0.12%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-03-13 01:10:19

End at: 2018-03-13 01:10:49

Local clock offset: 2.166 ms

Remote clock offset: 4.669 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 26.585 ms

Loss rate: 0.11%

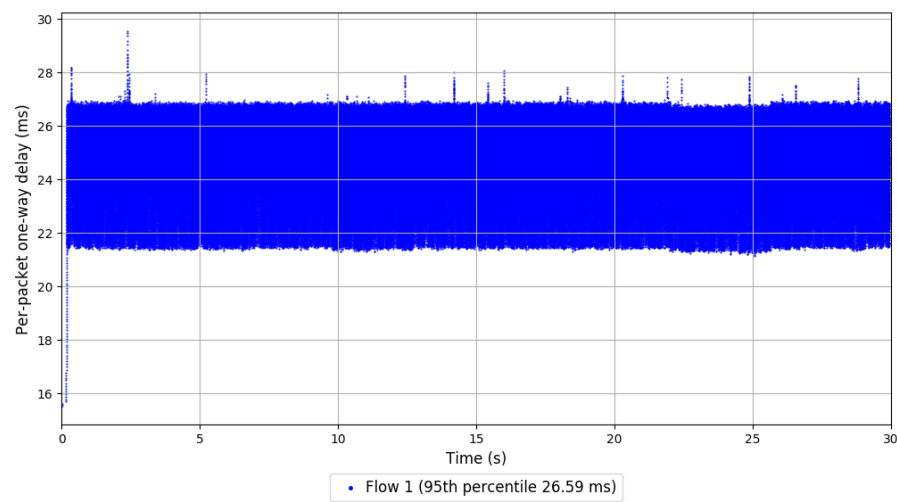
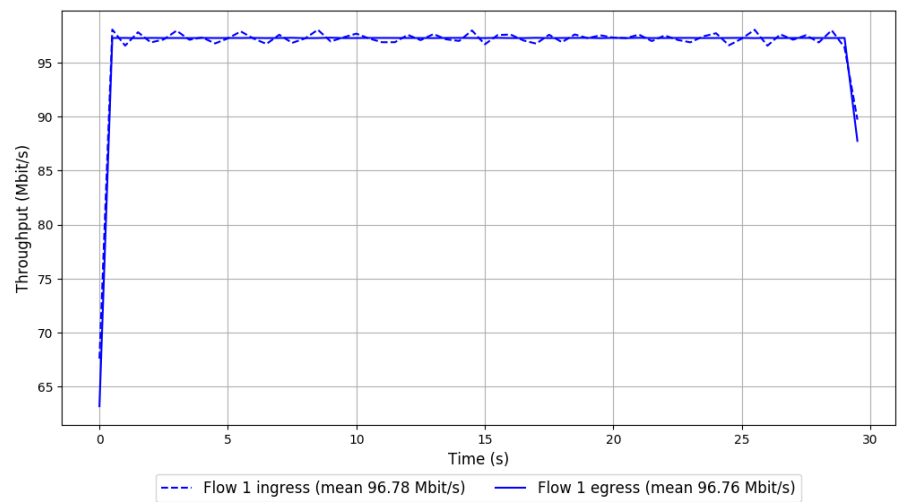
-- Flow 1:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 26.585 ms

Loss rate: 0.11%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-03-13 01:31:13

End at: 2018-03-13 01:31:43

Local clock offset: 0.501 ms

Remote clock offset: 0.38 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.75 Mbit/s

95th percentile per-packet one-way delay: 24.993 ms

Loss rate: 0.12%

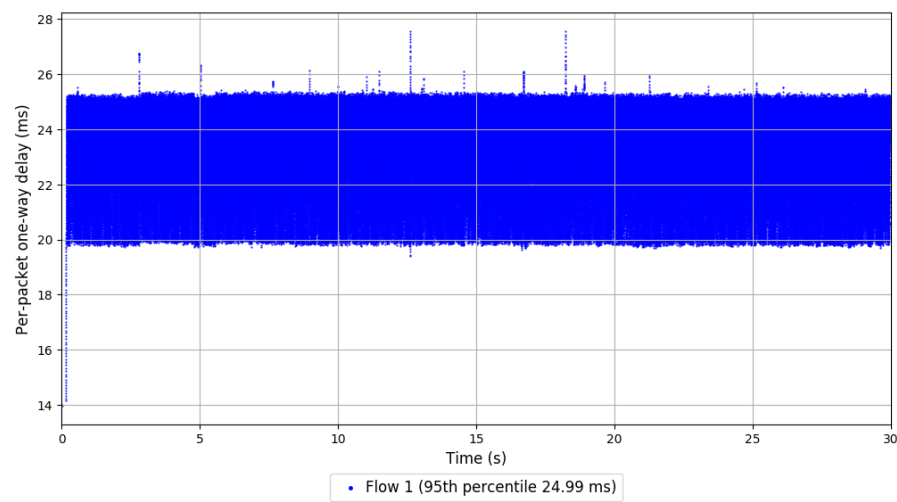
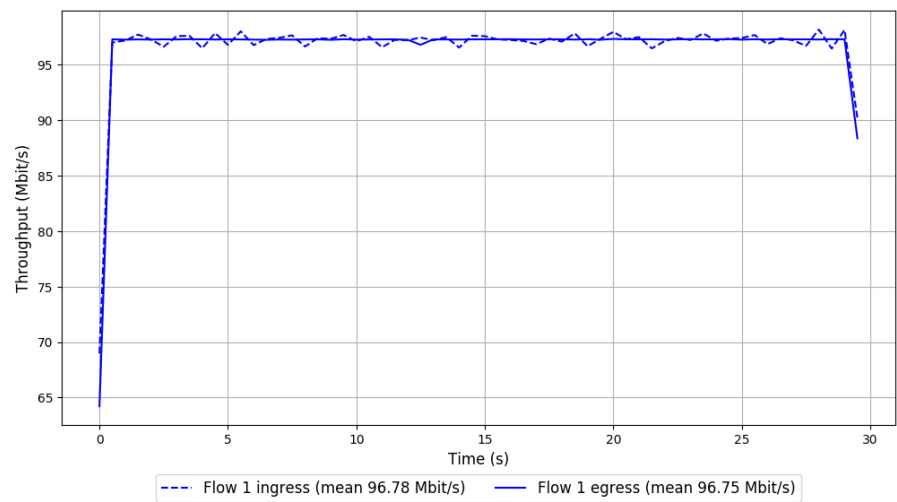
-- Flow 1:

Average throughput: 96.75 Mbit/s

95th percentile per-packet one-way delay: 24.993 ms

Loss rate: 0.12%

Run 3: Report of FillP — Data Link

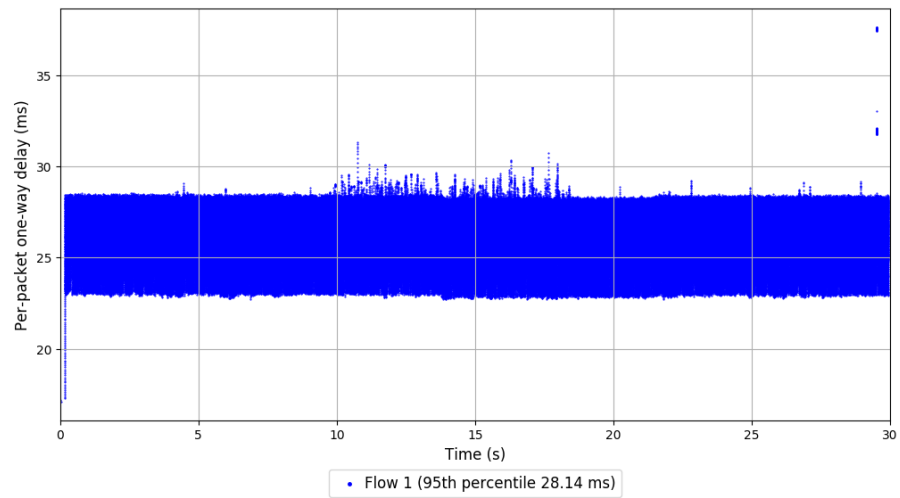
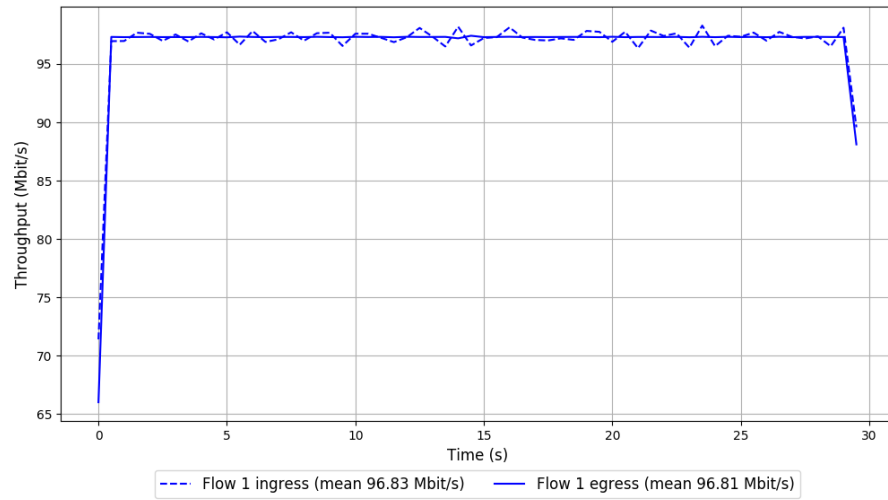


Run 4: Statistics of FillP

Start at: 2018-03-13 01:52:05
End at: 2018-03-13 01:52:35
Local clock offset: 3.89 ms
Remote clock offset: -3.452 ms

Below is generated by plot.py at 2018-03-13 08:13:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 28.145 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 28.145 ms
Loss rate: 0.12%

Run 4: Report of FillP — Data Link

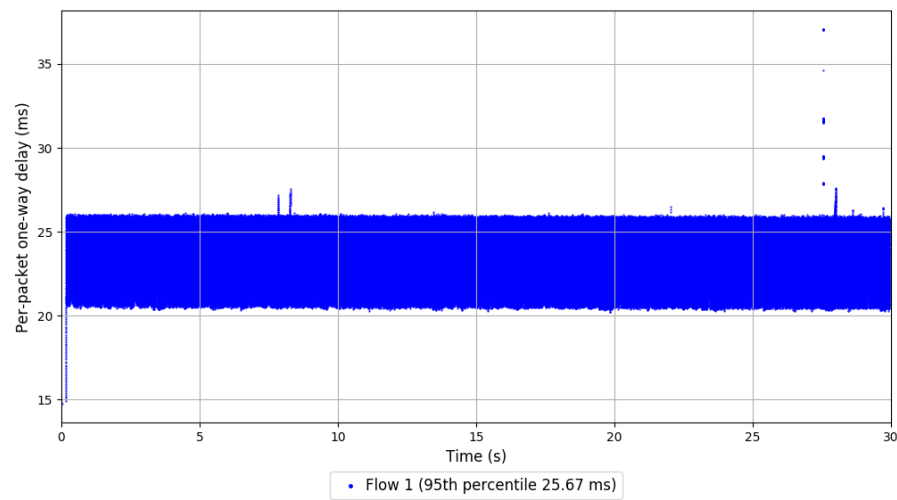
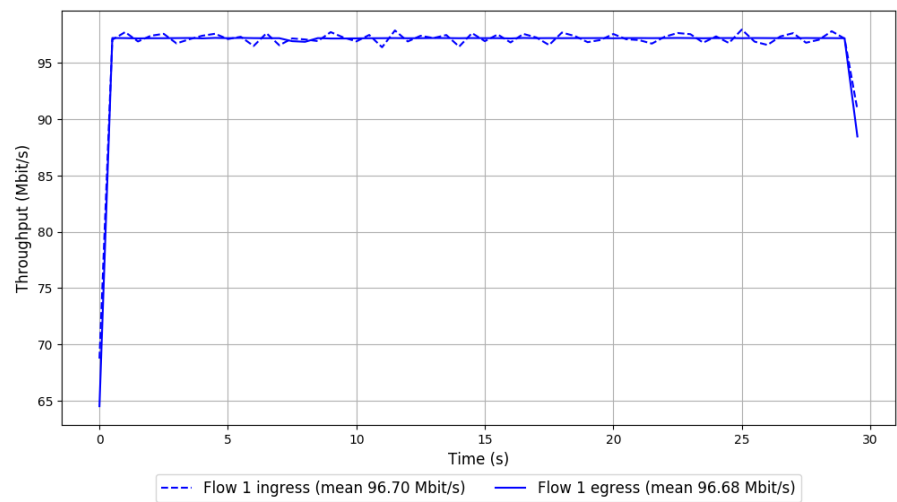


Run 5: Statistics of FillP

Start at: 2018-03-13 02:13:02
End at: 2018-03-13 02:13:32
Local clock offset: 3.26 ms
Remote clock offset: -2.114 ms

Below is generated by plot.py at 2018-03-13 08:13:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 25.666 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 25.666 ms
Loss rate: 0.12%

Run 5: Report of FillP — Data Link

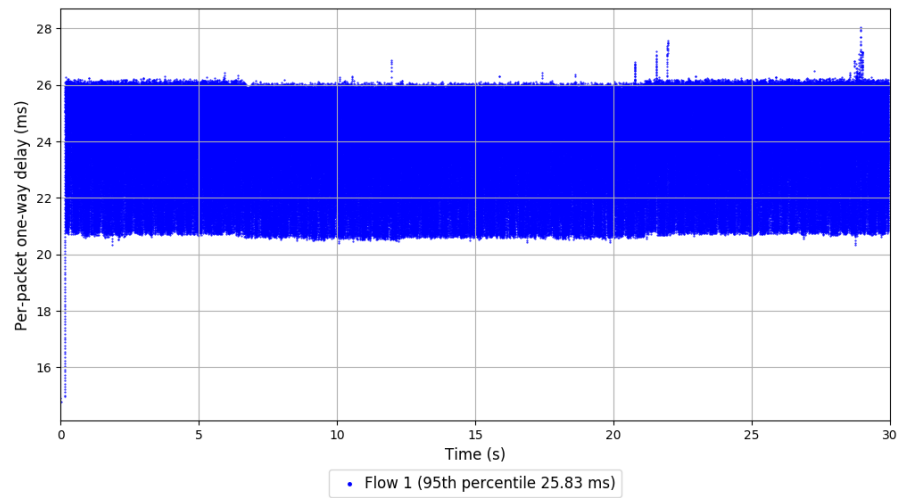
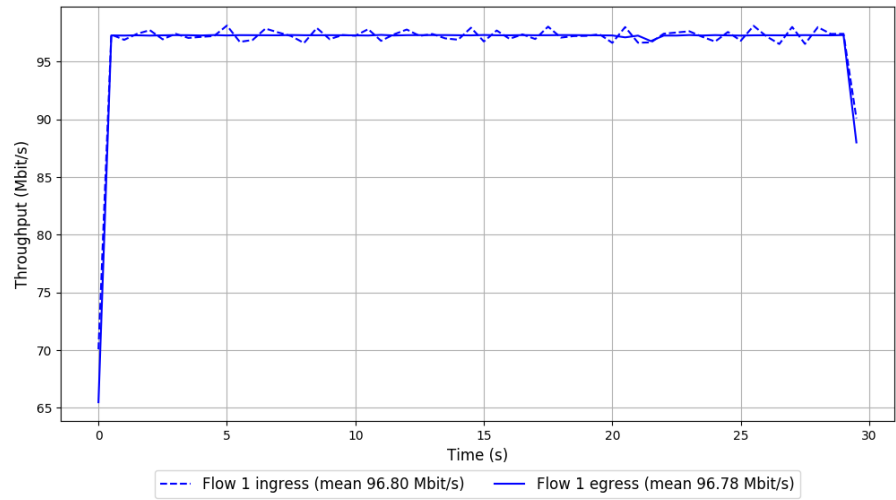


Run 6: Statistics of FillP

Start at: 2018-03-13 02:33:55
End at: 2018-03-13 02:34:25
Local clock offset: 4.391 ms
Remote clock offset: -2.285 ms

Below is generated by plot.py at 2018-03-13 08:13:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 25.827 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 25.827 ms
Loss rate: 0.12%

Run 6: Report of FillP — Data Link

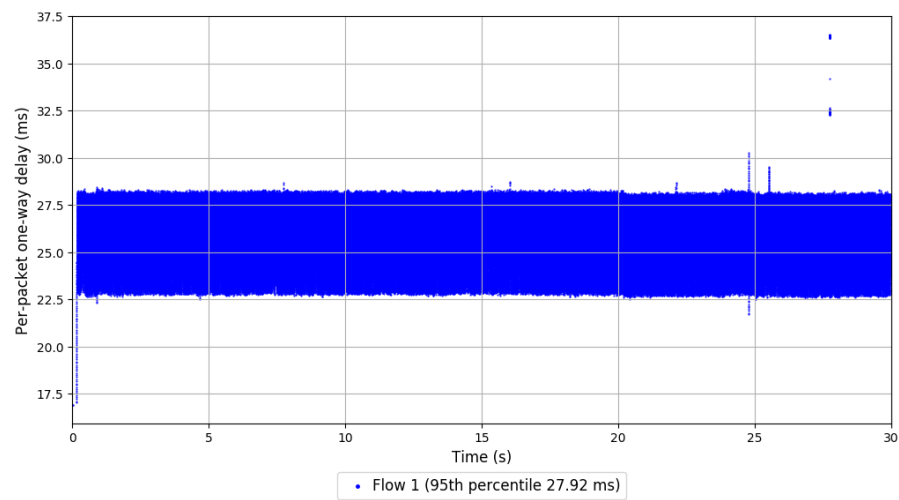
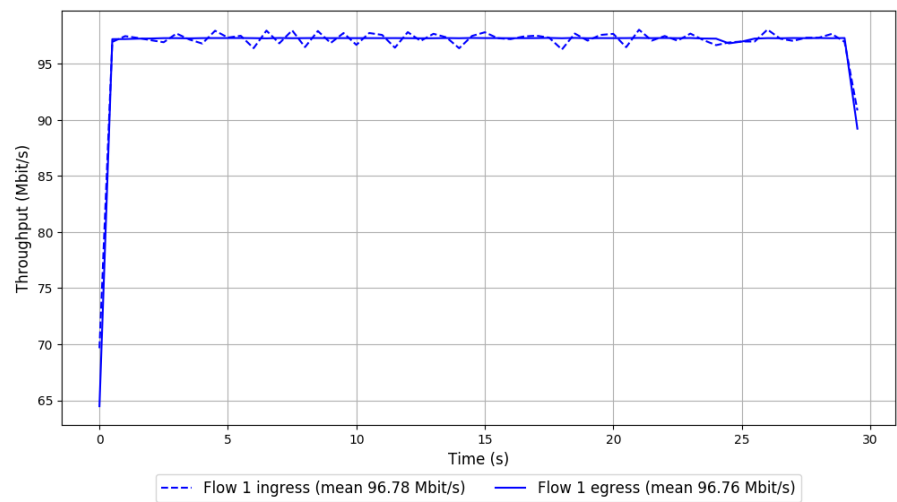


Run 7: Statistics of FillP

Start at: 2018-03-13 02:54:58
End at: 2018-03-13 02:55:28
Local clock offset: 4.397 ms
Remote clock offset: -3.262 ms

Below is generated by plot.py at 2018-03-13 08:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 27.922 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 27.922 ms
Loss rate: 0.12%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-03-13 03:15:57

End at: 2018-03-13 03:16:27

Local clock offset: 1.558 ms

Remote clock offset: 2.795 ms

Below is generated by plot.py at 2018-03-13 08:15:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.70 Mbit/s

95th percentile per-packet one-way delay: 24.187 ms

Loss rate: 0.12%

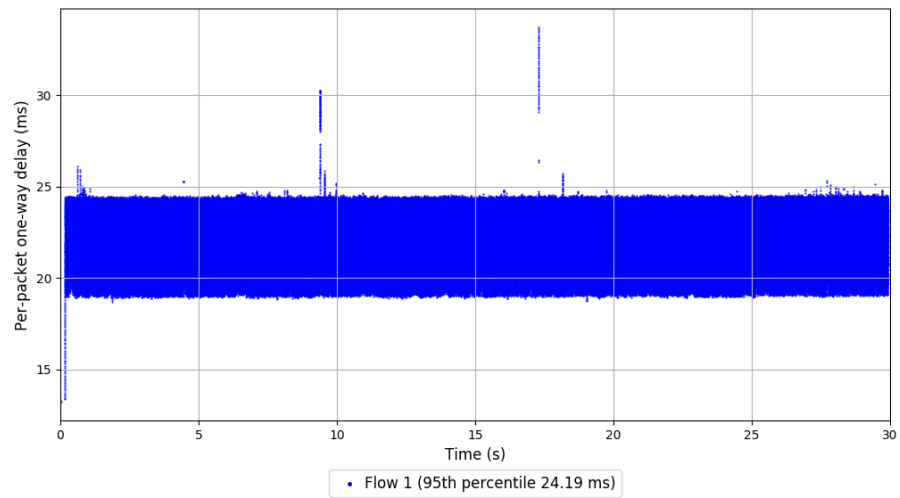
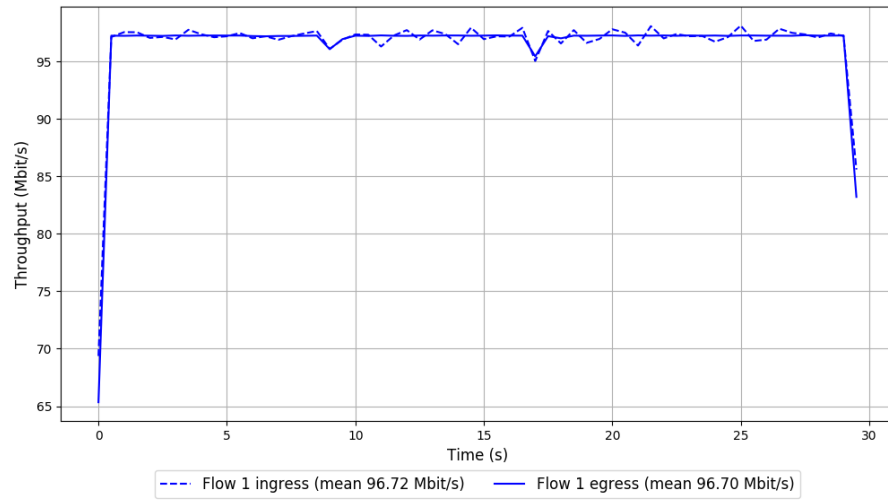
-- Flow 1:

Average throughput: 96.70 Mbit/s

95th percentile per-packet one-way delay: 24.187 ms

Loss rate: 0.12%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-03-13 03:36:52

End at: 2018-03-13 03:37:22

Local clock offset: 3.187 ms

Remote clock offset: 5.45 ms

Below is generated by plot.py at 2018-03-13 08:15:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 24.416 ms

Loss rate: 0.11%

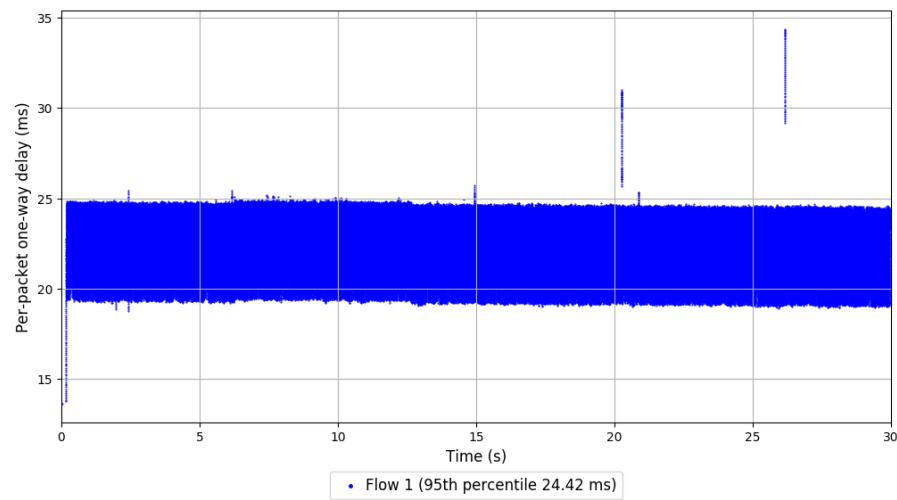
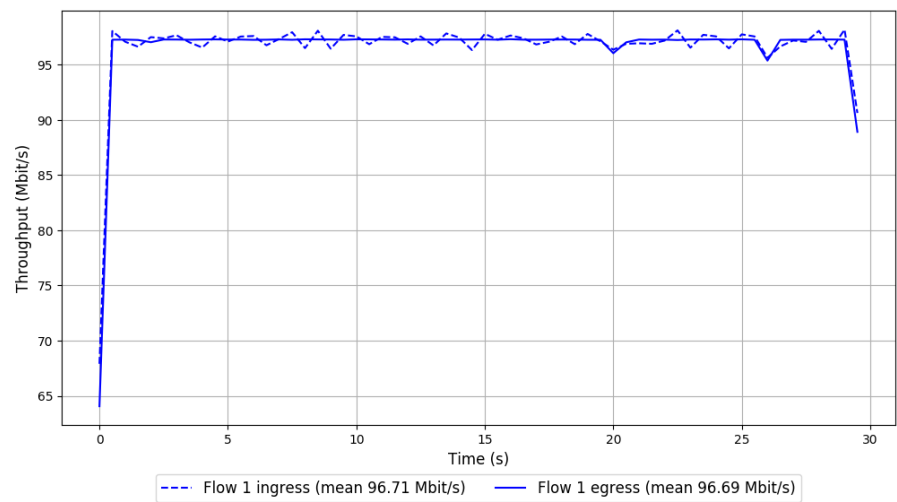
-- Flow 1:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 24.416 ms

Loss rate: 0.11%

Run 9: Report of FillP — Data Link

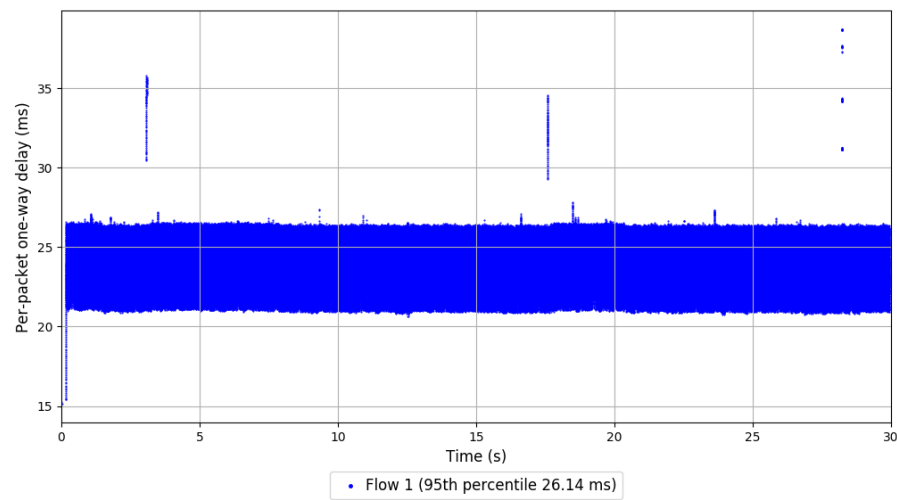
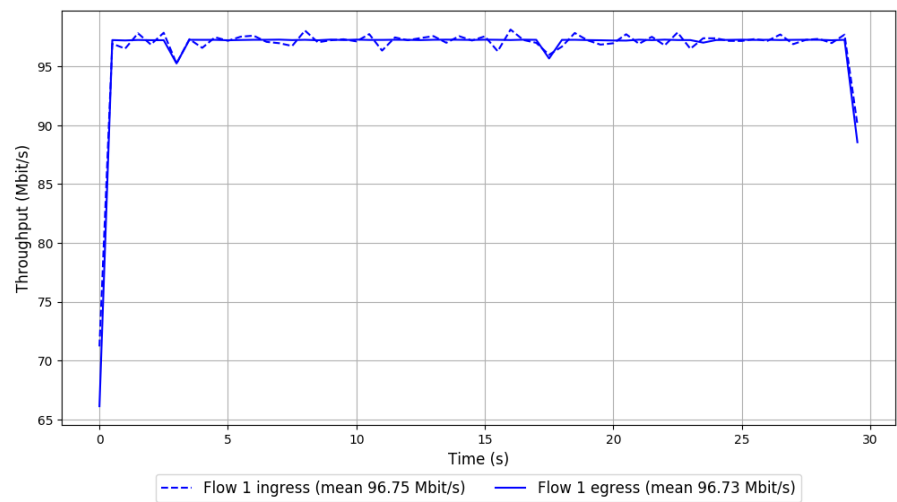


Run 10: Statistics of FillP

Start at: 2018-03-13 03:57:55
End at: 2018-03-13 03:58:25
Local clock offset: 4.303 ms
Remote clock offset: -1.138 ms

Below is generated by plot.py at 2018-03-13 08:15:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 26.137 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 26.137 ms
Loss rate: 0.11%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-03-13 00:52:49

End at: 2018-03-13 00:53:19

Local clock offset: -2.69 ms

Remote clock offset: -2.357 ms

Below is generated by plot.py at 2018-03-13 08:15:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.00 Mbit/s

95th percentile per-packet one-way delay: 19.008 ms

Loss rate: 0.09%

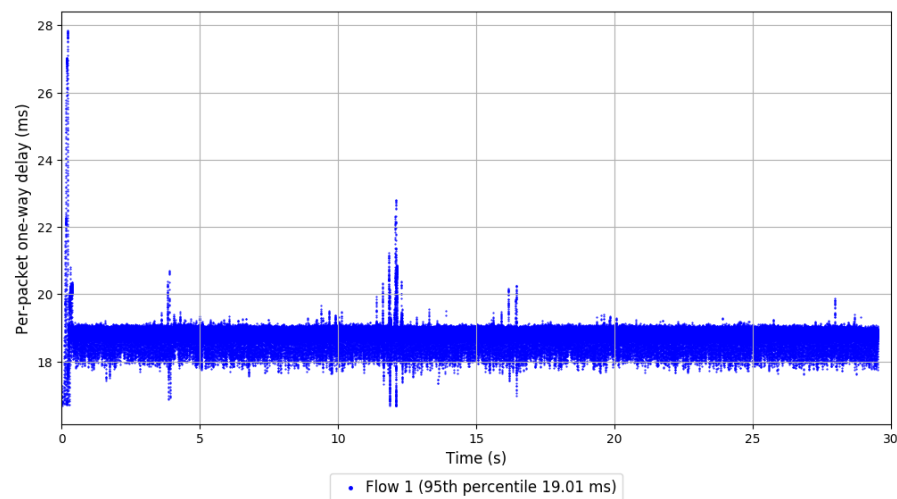
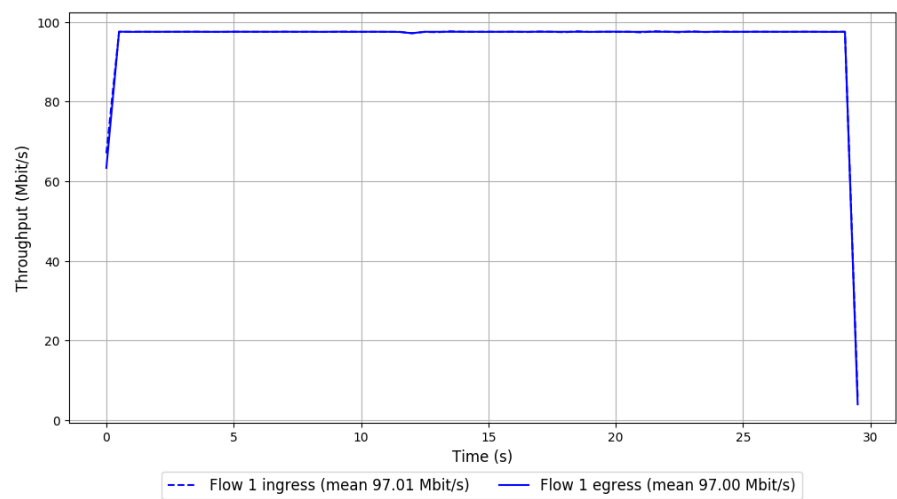
-- Flow 1:

Average throughput: 97.00 Mbit/s

95th percentile per-packet one-way delay: 19.008 ms

Loss rate: 0.09%

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-03-13 01:13:53

End at: 2018-03-13 01:14:23

Local clock offset: 0.654 ms

Remote clock offset: 5.066 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.02 Mbit/s

95th percentile per-packet one-way delay: 16.280 ms

Loss rate: 0.09%

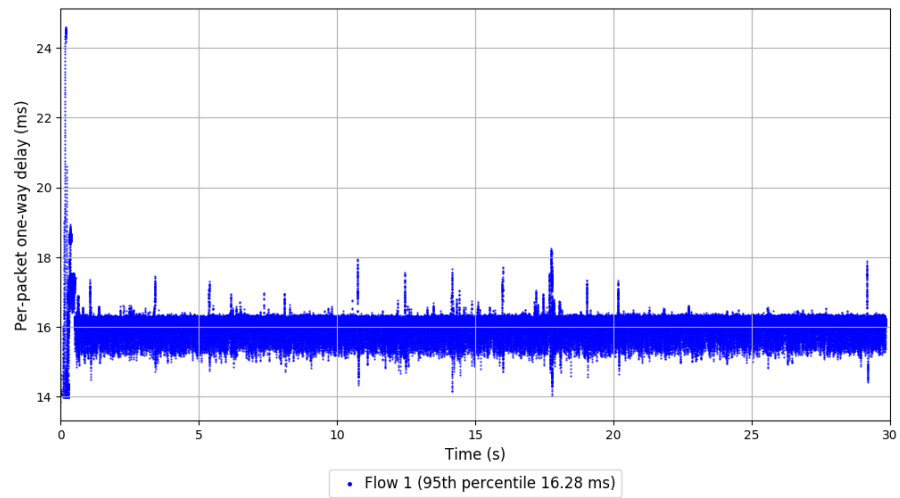
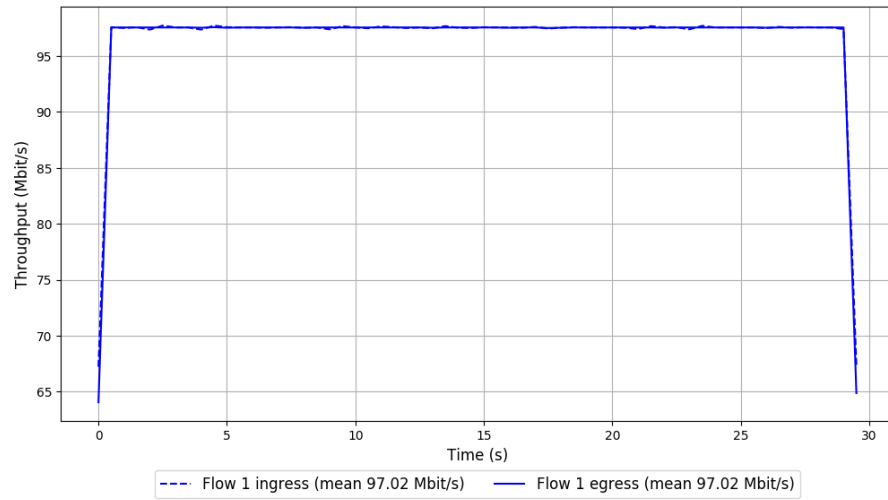
-- Flow 1:

Average throughput: 97.02 Mbit/s

95th percentile per-packet one-way delay: 16.280 ms

Loss rate: 0.09%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-03-13 01:34:47

End at: 2018-03-13 01:35:17

Local clock offset: -0.941 ms

Remote clock offset: -0.57 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.88 Mbit/s

95th percentile per-packet one-way delay: 15.164 ms

Loss rate: 0.09%

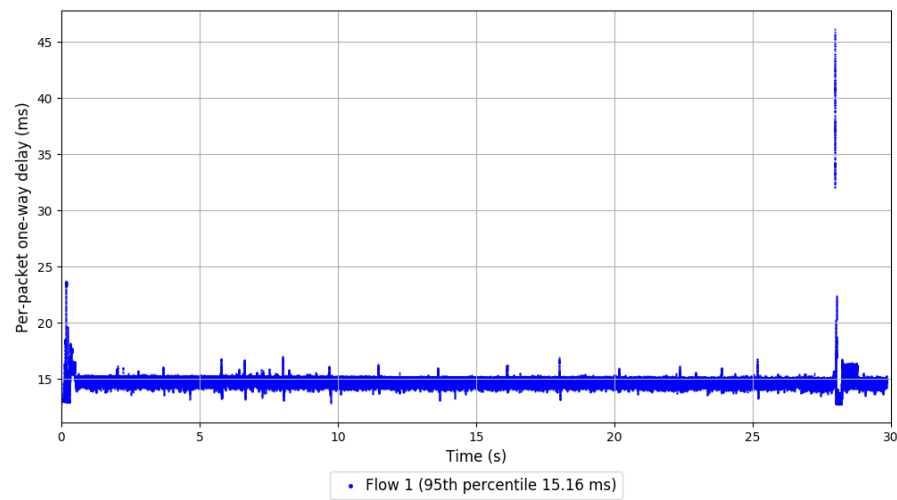
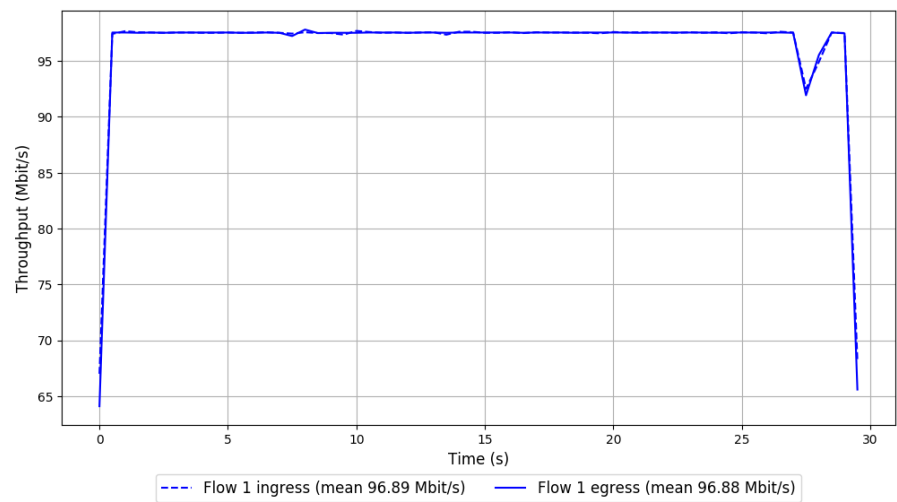
-- Flow 1:

Average throughput: 96.88 Mbit/s

95th percentile per-packet one-way delay: 15.164 ms

Loss rate: 0.09%

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

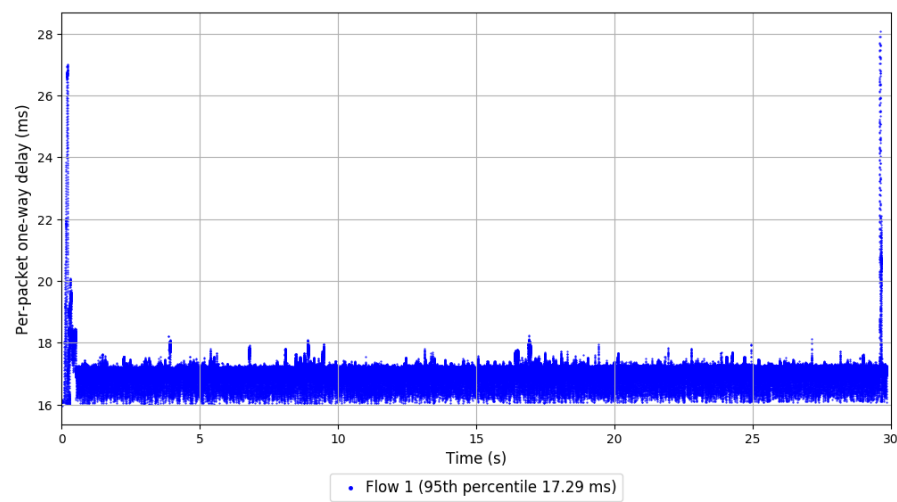
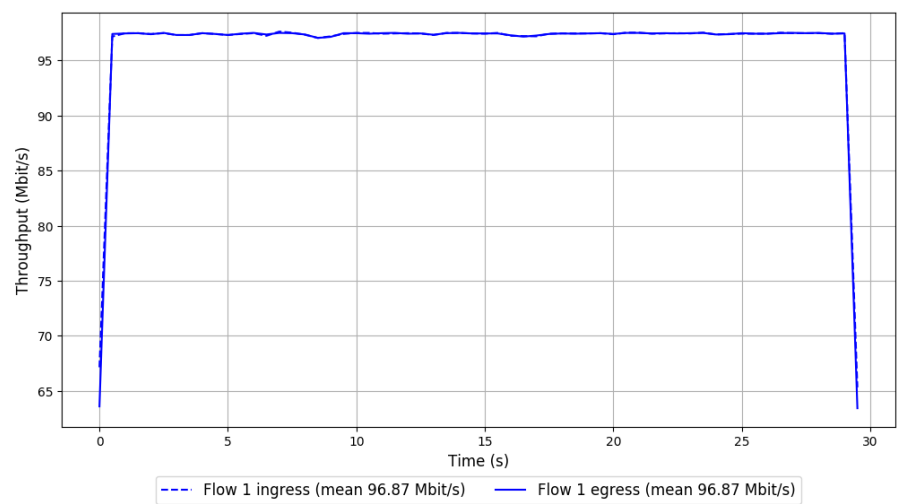


Run 4: Statistics of Indigo-1-32

Start at: 2018-03-13 01:55:40
End at: 2018-03-13 01:56:10
Local clock offset: 3.279 ms
Remote clock offset: -2.852 ms

Below is generated by plot.py at 2018-03-13 08:15:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 17.287 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 17.287 ms
Loss rate: 0.09%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-03-13 02:16:34

End at: 2018-03-13 02:17:04

Local clock offset: 1.808 ms

Remote clock offset: -1.903 ms

Below is generated by plot.py at 2018-03-13 08:16:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.00 Mbit/s

95th percentile per-packet one-way delay: 14.999 ms

Loss rate: 0.09%

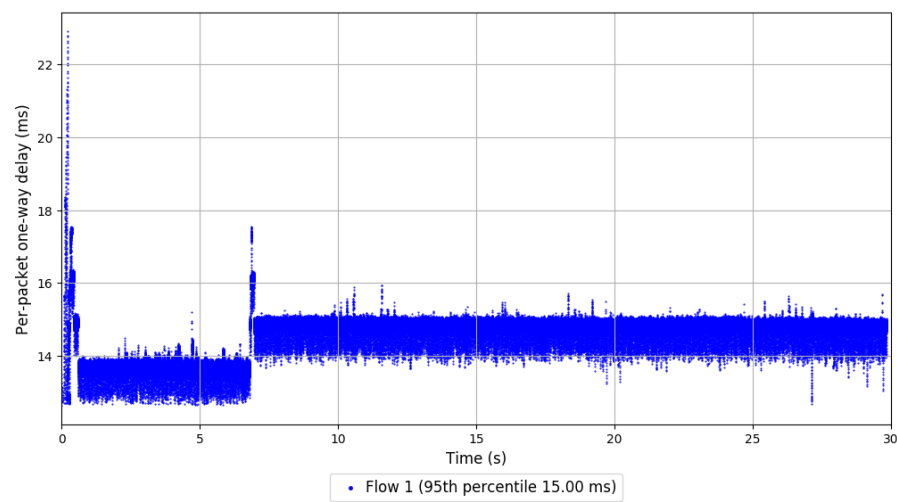
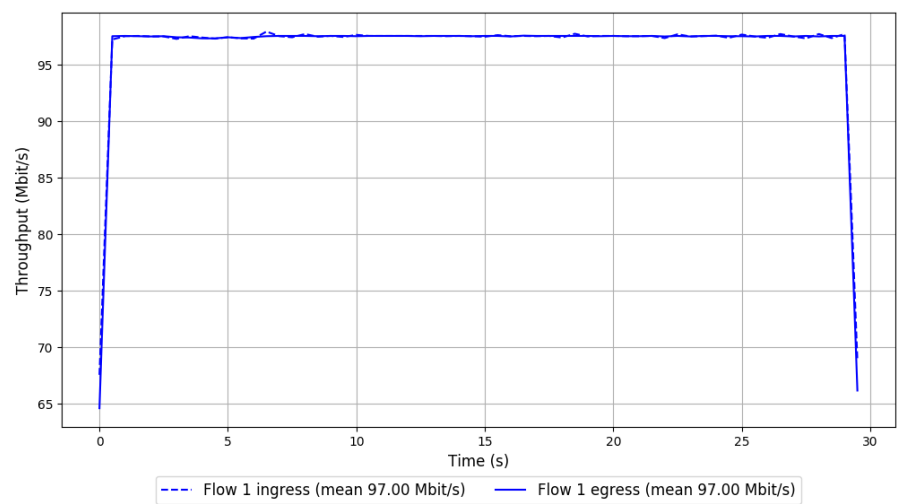
-- Flow 1:

Average throughput: 97.00 Mbit/s

95th percentile per-packet one-way delay: 14.999 ms

Loss rate: 0.09%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-13 02:37:28

End at: 2018-03-13 02:37:58

Local clock offset: 4.284 ms

Remote clock offset: -1.73 ms

Below is generated by plot.py at 2018-03-13 08:16:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.85 Mbit/s

95th percentile per-packet one-way delay: 15.699 ms

Loss rate: 0.09%

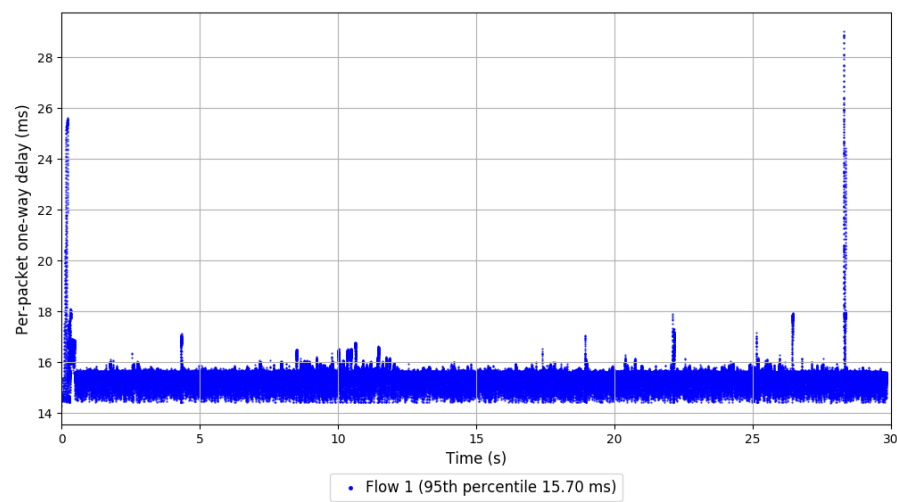
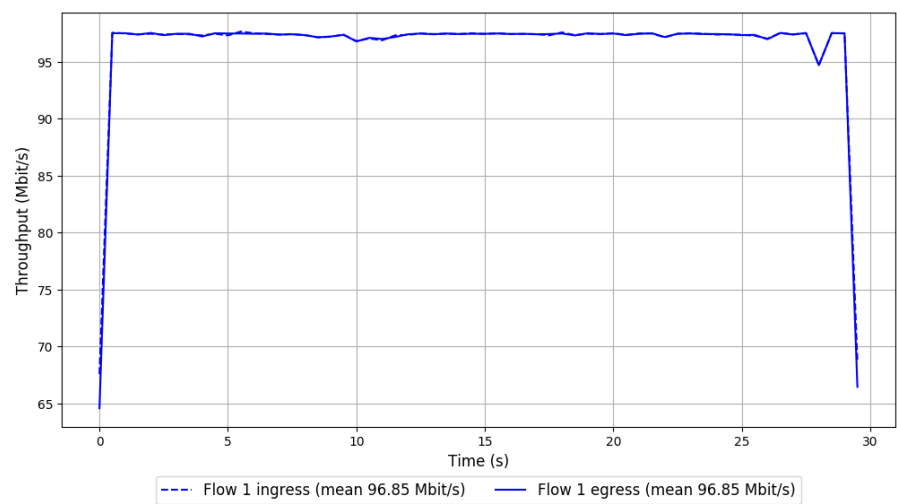
-- Flow 1:

Average throughput: 96.85 Mbit/s

95th percentile per-packet one-way delay: 15.699 ms

Loss rate: 0.09%

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

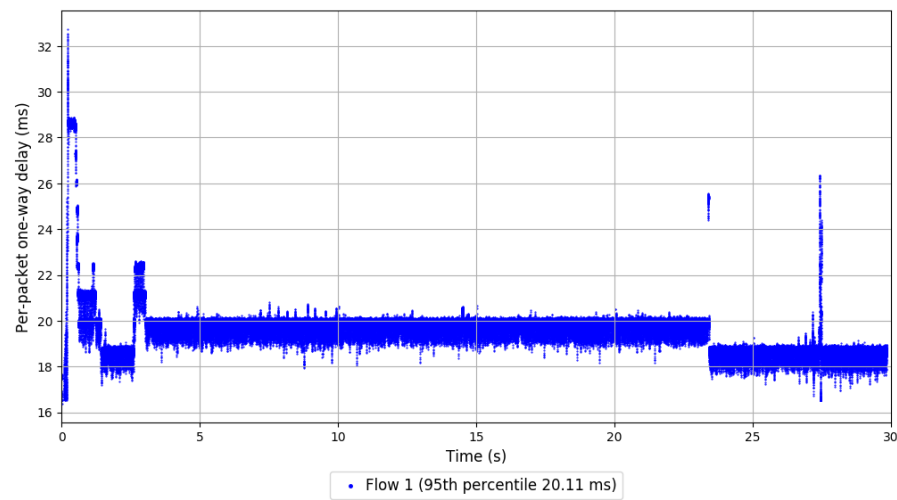
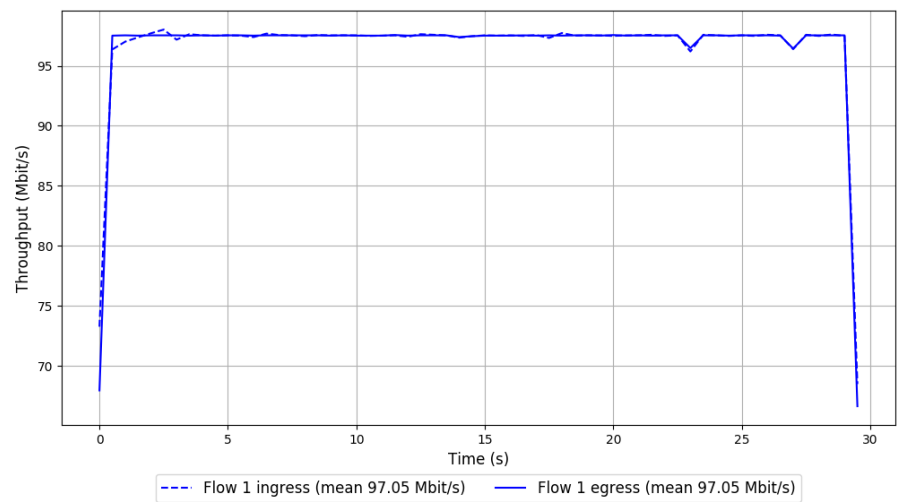


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-13 02:58:30
End at: 2018-03-13 02:59:00
Local clock offset: 5.111 ms
Remote clock offset: -1.889 ms

Below is generated by plot.py at 2018-03-13 08:16:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 20.113 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 20.113 ms
Loss rate: 0.09%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-03-13 03:19:28

End at: 2018-03-13 03:19:58

Local clock offset: 2.595 ms

Remote clock offset: 3.184 ms

Below is generated by plot.py at 2018-03-13 08:16:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.01 Mbit/s

95th percentile per-packet one-way delay: 16.573 ms

Loss rate: 0.09%

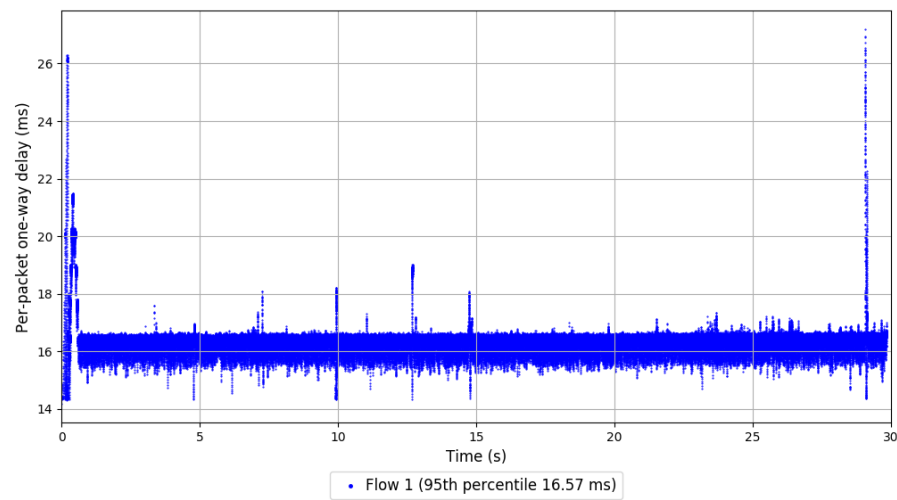
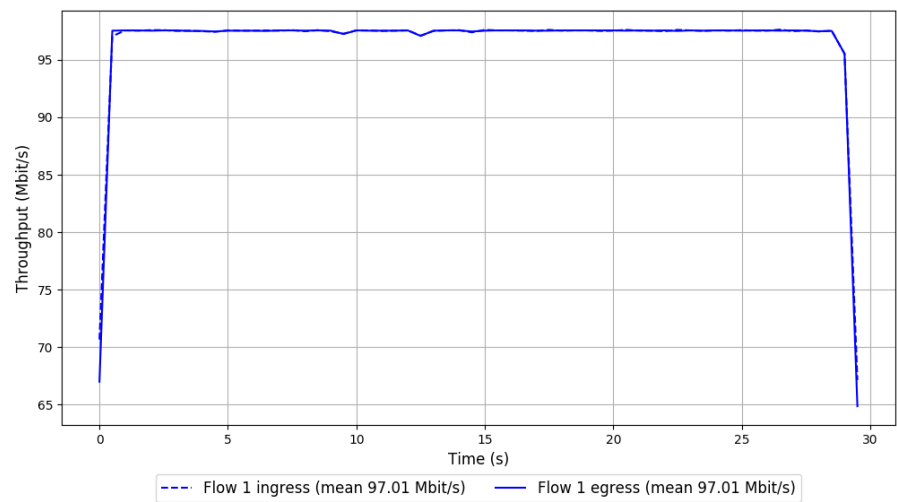
-- Flow 1:

Average throughput: 97.01 Mbit/s

95th percentile per-packet one-way delay: 16.573 ms

Loss rate: 0.09%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-03-13 03:40:30

End at: 2018-03-13 03:41:00

Local clock offset: 5.115 ms

Remote clock offset: 3.332 ms

Below is generated by plot.py at 2018-03-13 08:16:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 17.915 ms

Loss rate: 0.10%

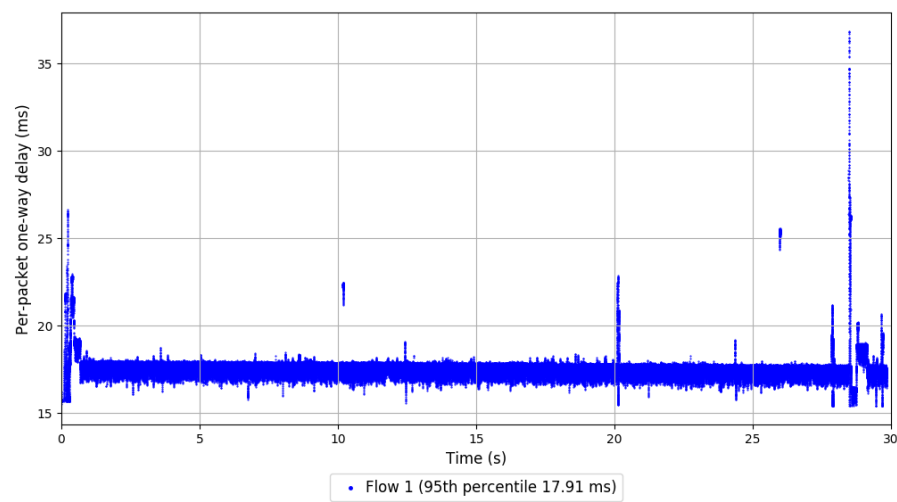
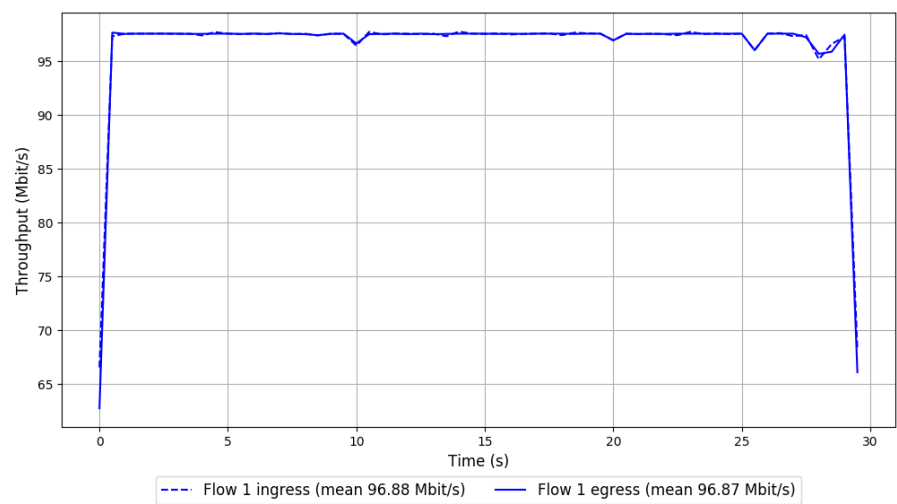
-- Flow 1:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 17.915 ms

Loss rate: 0.10%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-03-13 04:01:26

End at: 2018-03-13 04:01:56

Local clock offset: 3.788 ms

Remote clock offset: -2.35 ms

Below is generated by plot.py at 2018-03-13 08:16:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.50 Mbit/s

95th percentile per-packet one-way delay: 17.992 ms

Loss rate: 0.09%

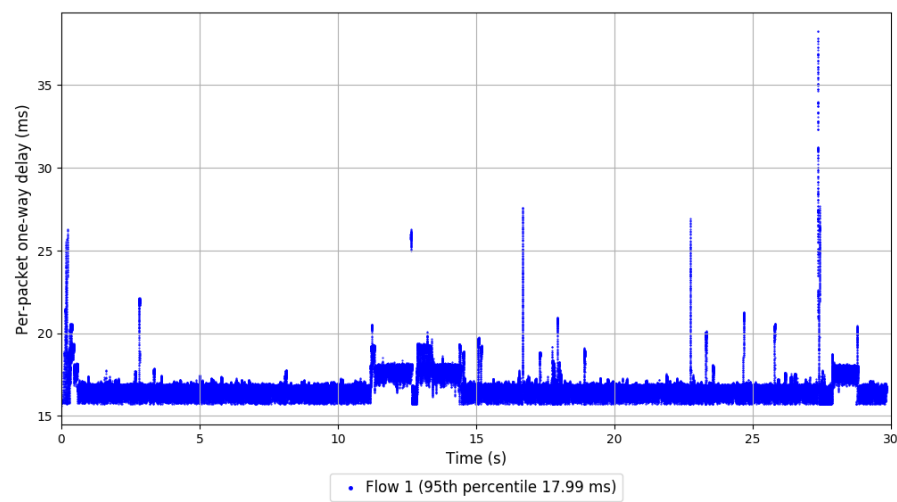
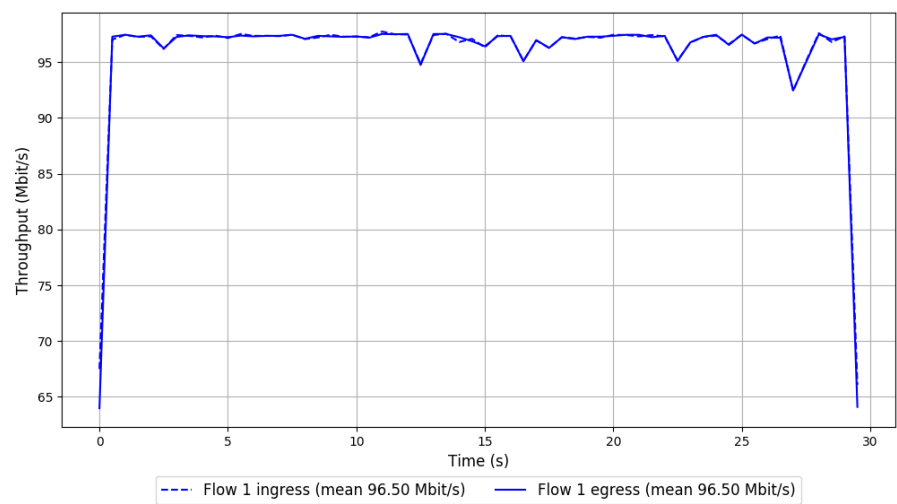
-- Flow 1:

Average throughput: 96.50 Mbit/s

95th percentile per-packet one-way delay: 17.992 ms

Loss rate: 0.09%

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



Run 1: Statistics of Vivace-latency

Start at: 2018-03-13 00:59:44

End at: 2018-03-13 01:00:14

Local clock offset: 6.026 ms

Remote clock offset: 5.473 ms

Below is generated by plot.py at 2018-03-13 08:16:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.38 Mbit/s

95th percentile per-packet one-way delay: 17.740 ms

Loss rate: 0.09%

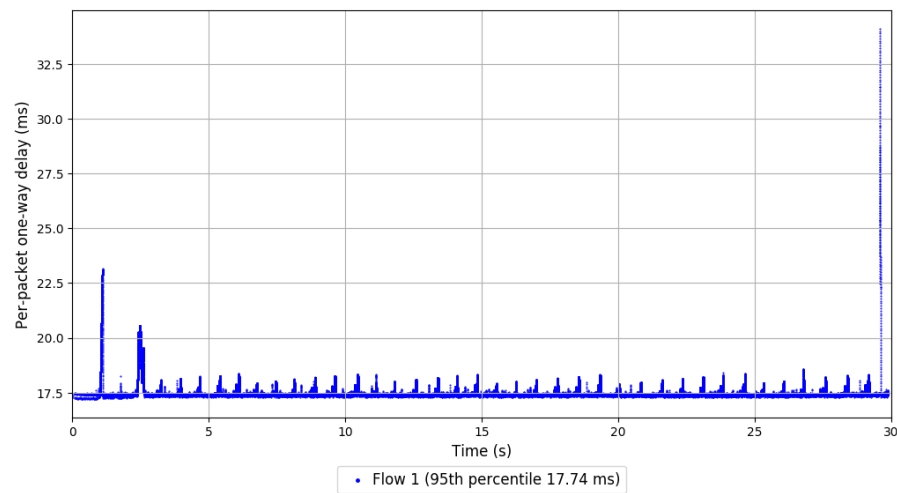
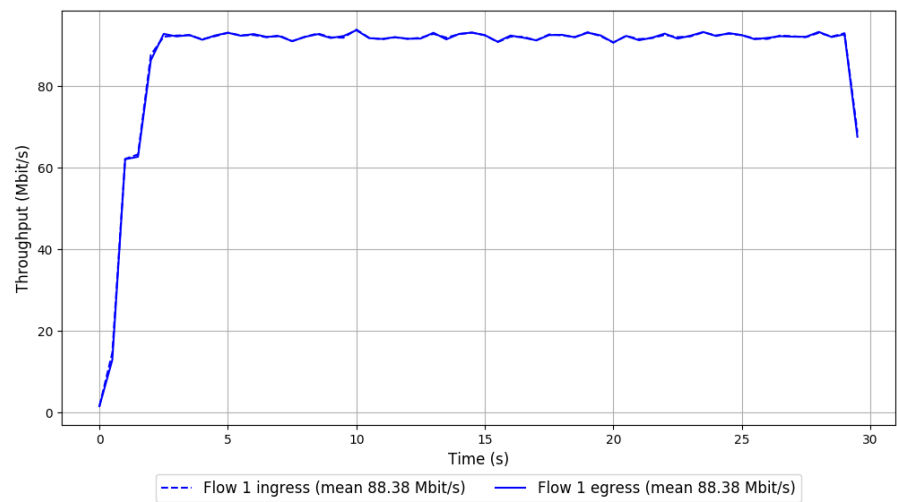
-- Flow 1:

Average throughput: 88.38 Mbit/s

95th percentile per-packet one-way delay: 17.740 ms

Loss rate: 0.09%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-03-13 01:20:46

End at: 2018-03-13 01:21:16

Local clock offset: 2.799 ms

Remote clock offset: 5.238 ms

Below is generated by plot.py at 2018-03-13 08:16:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.31 Mbit/s

95th percentile per-packet one-way delay: 16.531 ms

Loss rate: 0.09%

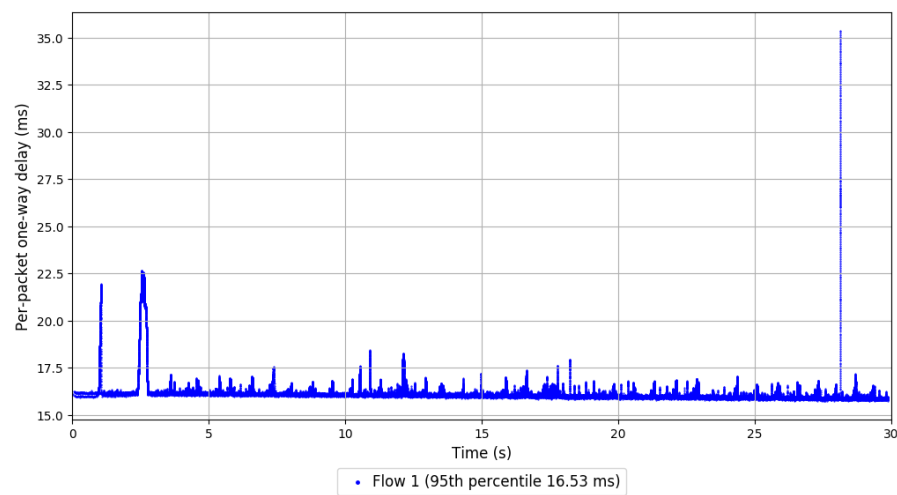
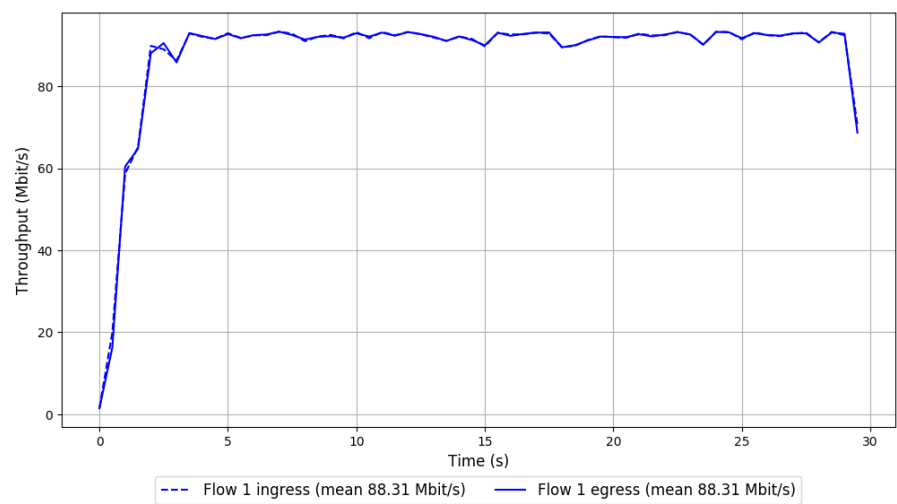
-- Flow 1:

Average throughput: 88.31 Mbit/s

95th percentile per-packet one-way delay: 16.531 ms

Loss rate: 0.09%

Run 2: Report of Vivace-latency — Data Link

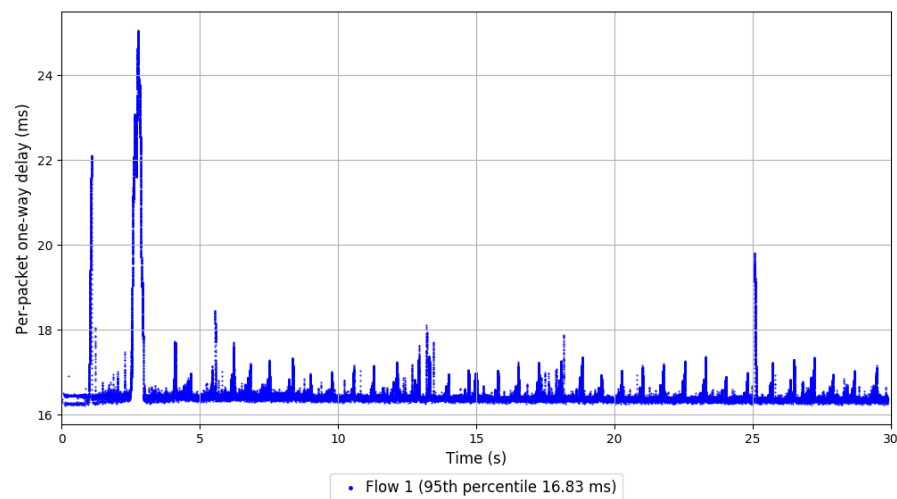
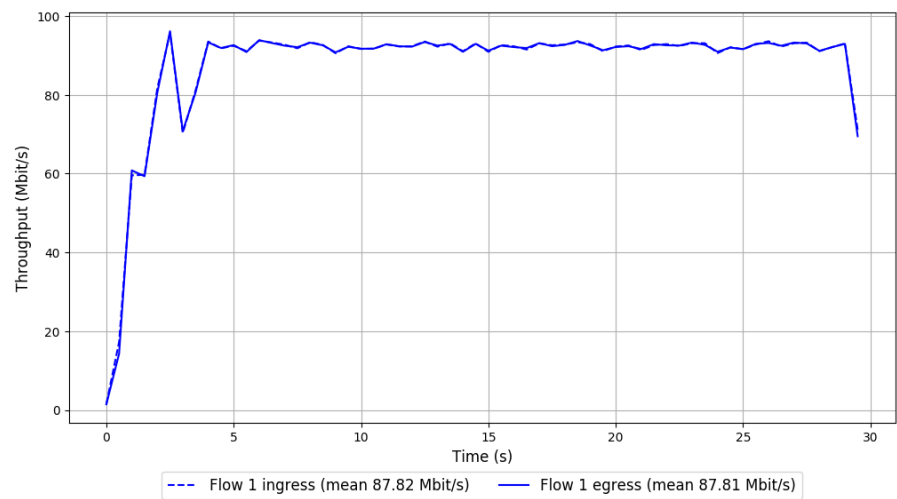


Run 3: Statistics of Vivace-latency

Start at: 2018-03-13 01:41:38
End at: 2018-03-13 01:42:08
Local clock offset: 3.266 ms
Remote clock offset: -1.743 ms

Below is generated by plot.py at 2018-03-13 08:17:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 16.834 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 16.834 ms
Loss rate: 0.09%

Run 3: Report of Vivace-latency — Data Link



Run 4: Statistics of Vivace-latency

Start at: 2018-03-13 02:02:31

End at: 2018-03-13 02:03:01

Local clock offset: 4.648 ms

Remote clock offset: -1.07 ms

Below is generated by plot.py at 2018-03-13 08:17:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.33 Mbit/s

95th percentile per-packet one-way delay: 16.357 ms

Loss rate: 0.09%

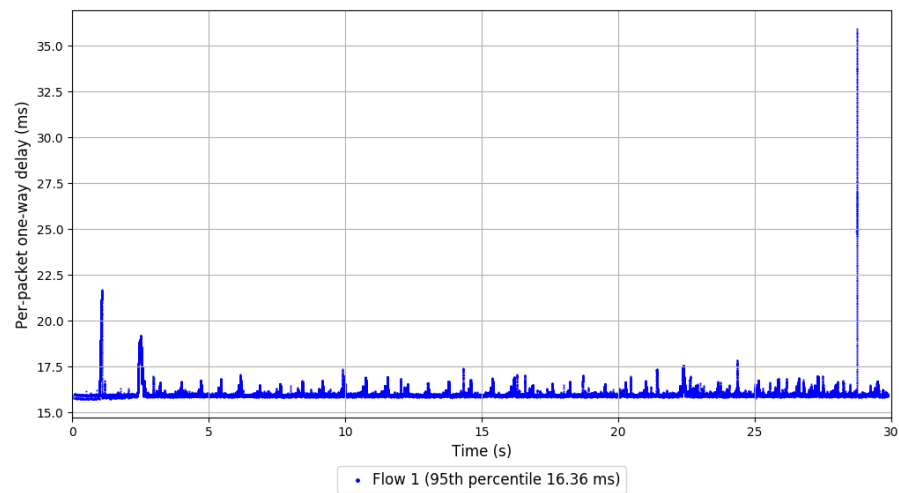
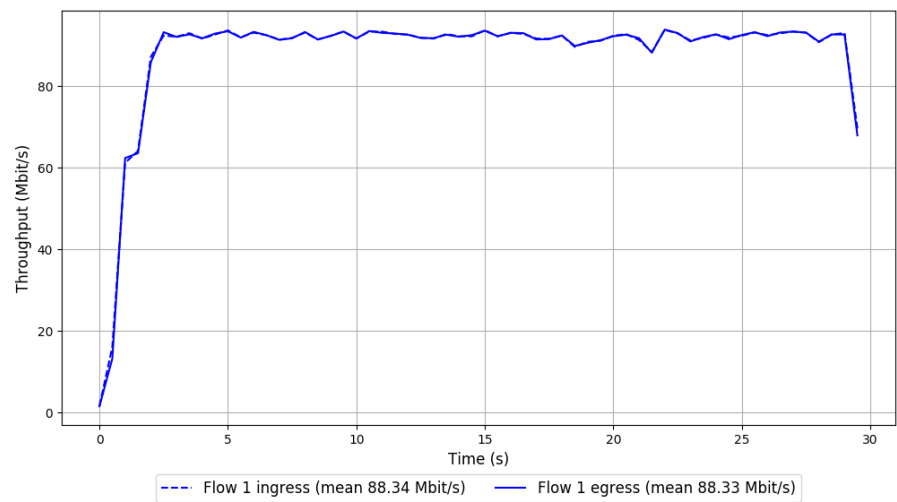
-- Flow 1:

Average throughput: 88.33 Mbit/s

95th percentile per-packet one-way delay: 16.357 ms

Loss rate: 0.09%

Run 4: Report of Vivace-latency — Data Link

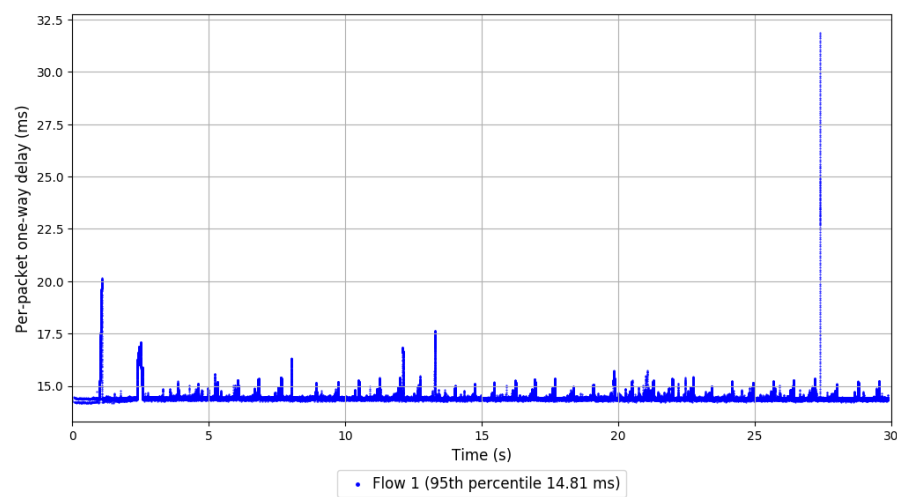
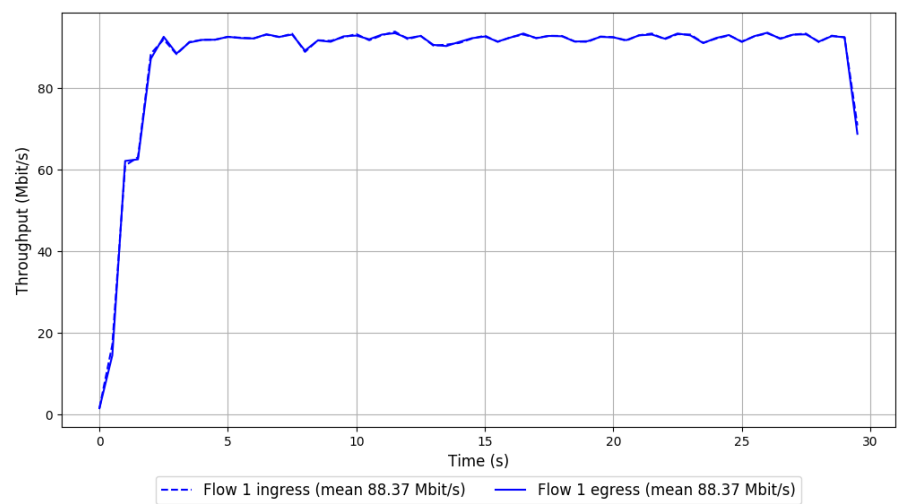


Run 5: Statistics of Vivace-latency

Start at: 2018-03-13 02:23:23
End at: 2018-03-13 02:23:53
Local clock offset: 3.34 ms
Remote clock offset: -2.692 ms

Below is generated by plot.py at 2018-03-13 08:17:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.37 Mbit/s
95th percentile per-packet one-way delay: 14.809 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 88.37 Mbit/s
95th percentile per-packet one-way delay: 14.809 ms
Loss rate: 0.09%

Run 5: Report of Vivace-latency — Data Link

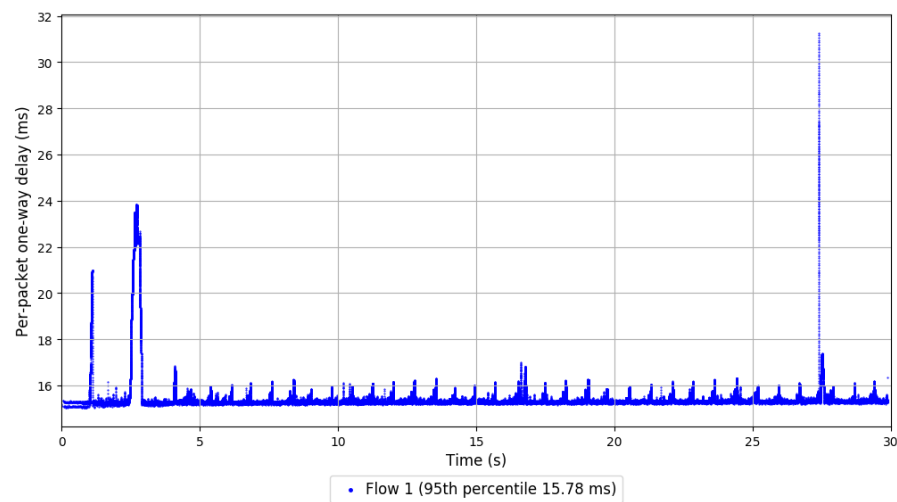
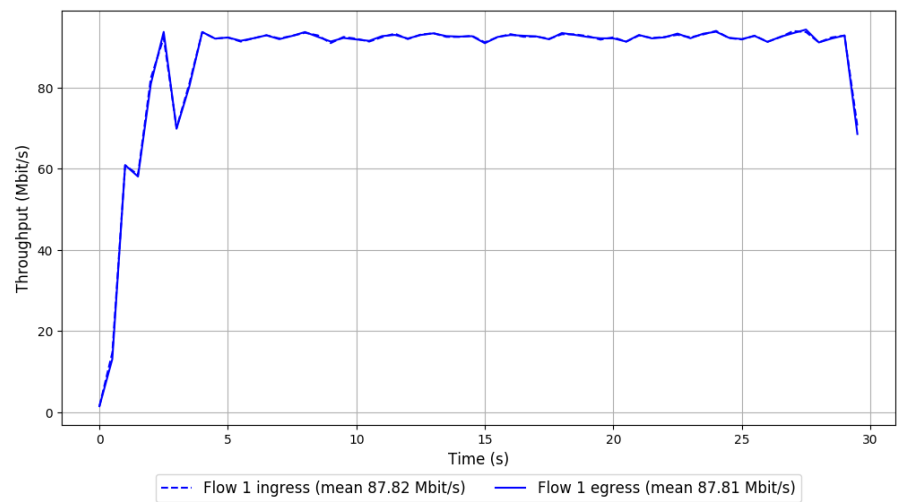


Run 6: Statistics of Vivace-latency

Start at: 2018-03-13 02:44:28
End at: 2018-03-13 02:44:58
Local clock offset: 3.89 ms
Remote clock offset: -2.691 ms

Below is generated by plot.py at 2018-03-13 08:18:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 15.778 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 15.778 ms
Loss rate: 0.09%

Run 6: Report of Vivace-latency — Data Link

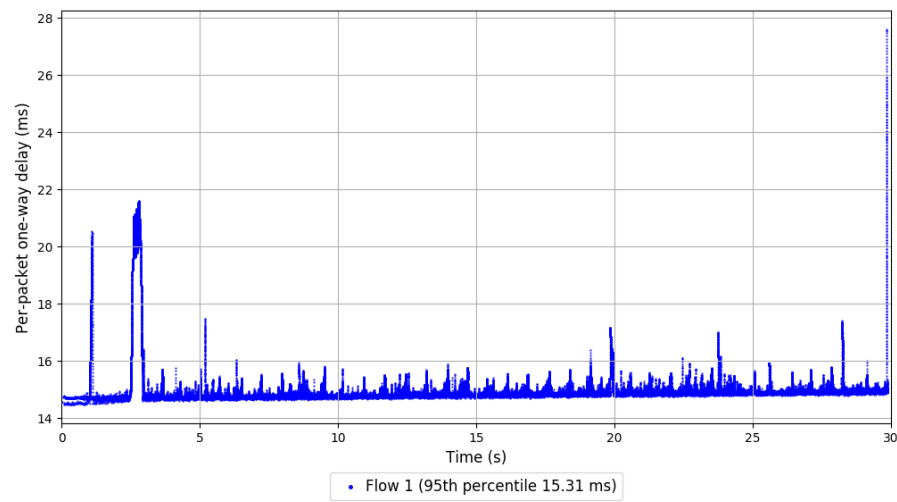
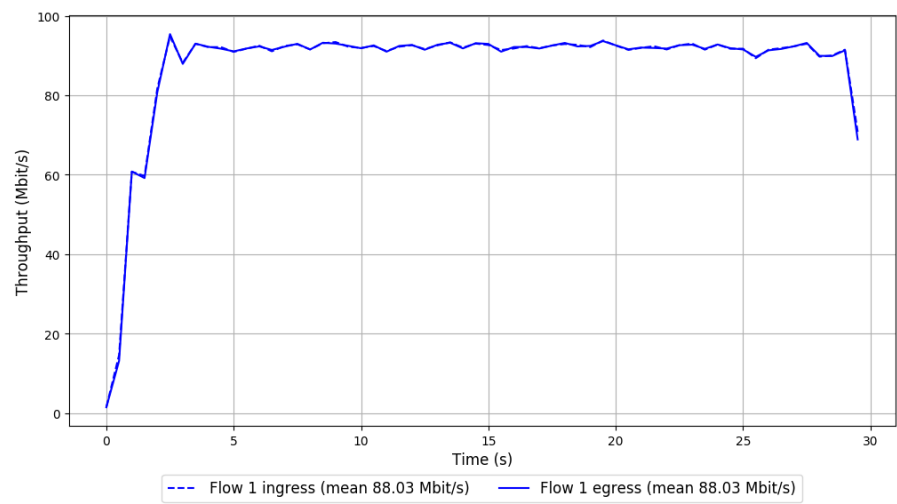


Run 7: Statistics of Vivace-latency

Start at: 2018-03-13 03:05:21
End at: 2018-03-13 03:05:51
Local clock offset: 2.505 ms
Remote clock offset: -1.033 ms

Below is generated by plot.py at 2018-03-13 08:18:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.03 Mbit/s
95th percentile per-packet one-way delay: 15.313 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 88.03 Mbit/s
95th percentile per-packet one-way delay: 15.313 ms
Loss rate: 0.09%

Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-03-13 03:26:20

End at: 2018-03-13 03:26:50

Local clock offset: 3.625 ms

Remote clock offset: 3.815 ms

Below is generated by plot.py at 2018-03-13 08:18:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.56 Mbit/s

95th percentile per-packet one-way delay: 15.799 ms

Loss rate: 0.09%

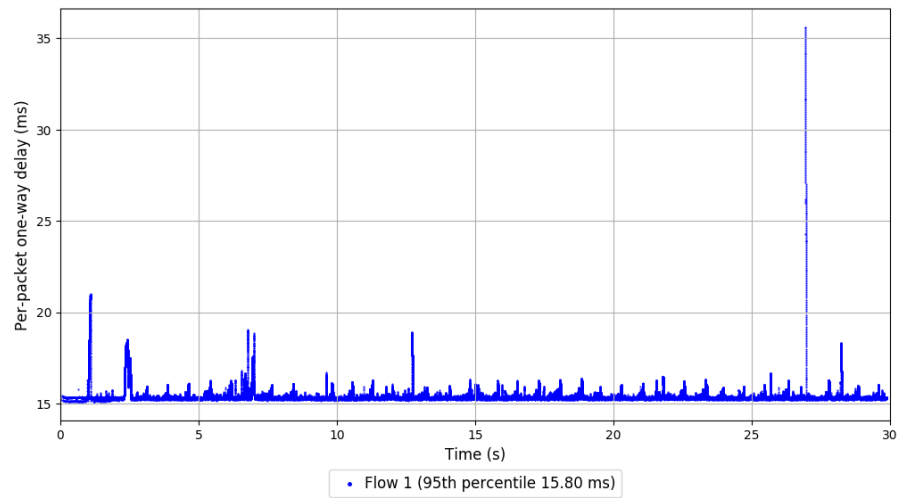
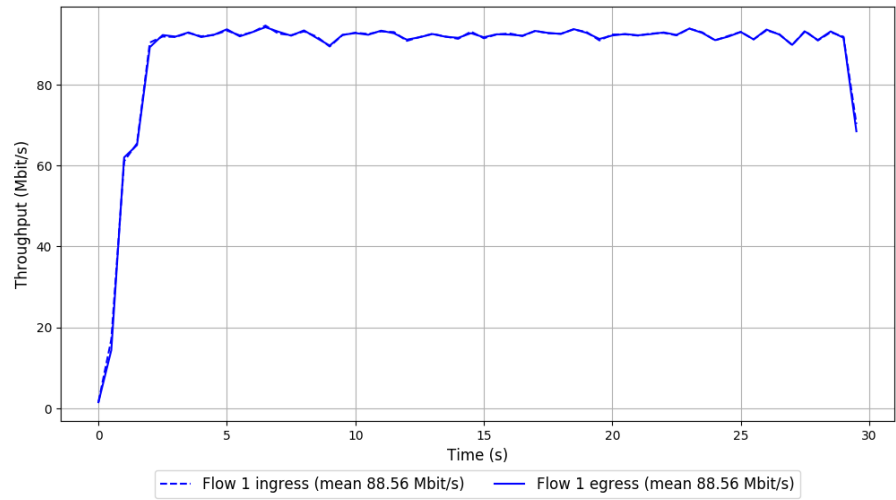
-- Flow 1:

Average throughput: 88.56 Mbit/s

95th percentile per-packet one-way delay: 15.799 ms

Loss rate: 0.09%

Run 8: Report of Vivace-latency — Data Link

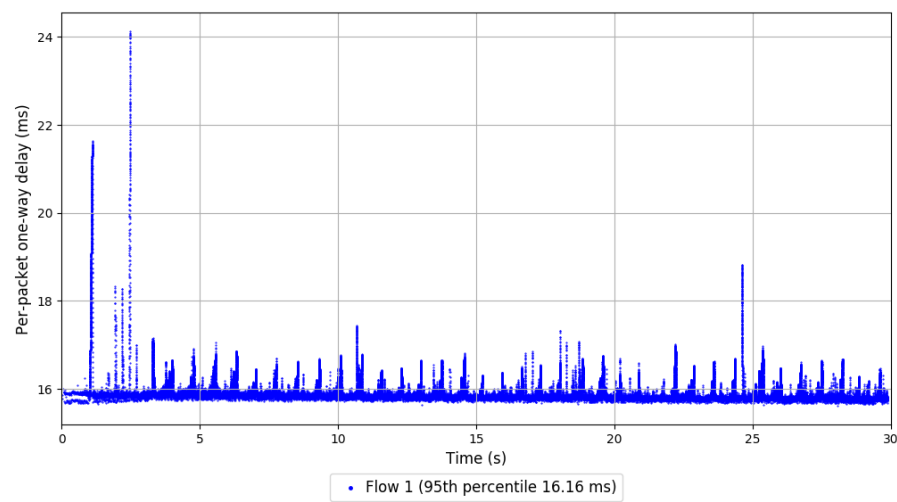
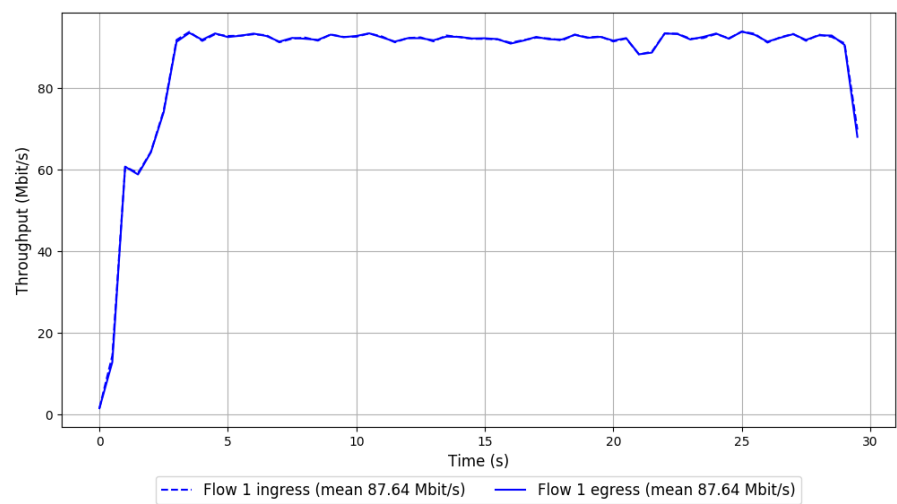


Run 9: Statistics of Vivace-latency

Start at: 2018-03-13 03:47:23
End at: 2018-03-13 03:47:53
Local clock offset: 4.228 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-03-13 08:18:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.64 Mbit/s
95th percentile per-packet one-way delay: 16.162 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 87.64 Mbit/s
95th percentile per-packet one-way delay: 16.162 ms
Loss rate: 0.09%

Run 9: Report of Vivace-latency — Data Link

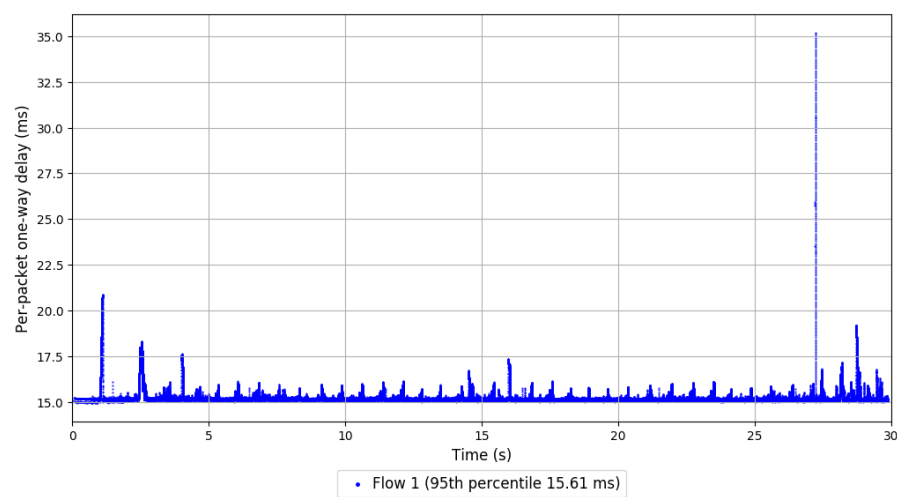
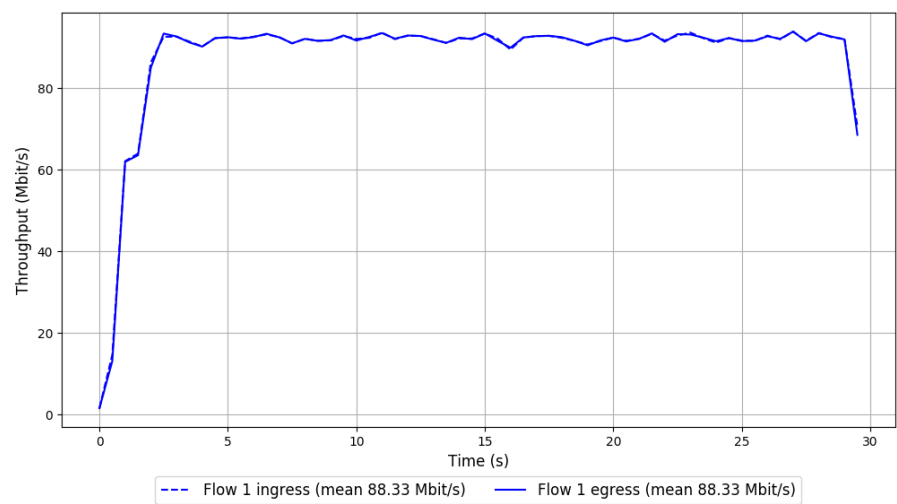


Run 10: Statistics of Vivace-latency

Start at: 2018-03-13 04:08:16
End at: 2018-03-13 04:08:46
Local clock offset: 4.382 ms
Remote clock offset: -1.869 ms

Below is generated by plot.py at 2018-03-13 08:18:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 15.605 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 15.605 ms
Loss rate: 0.09%

Run 10: Report of Vivace-latency — Data Link

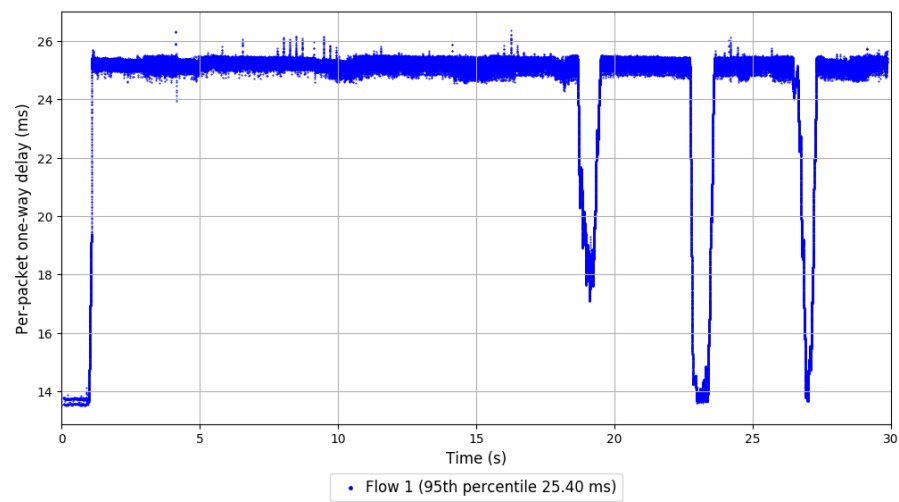
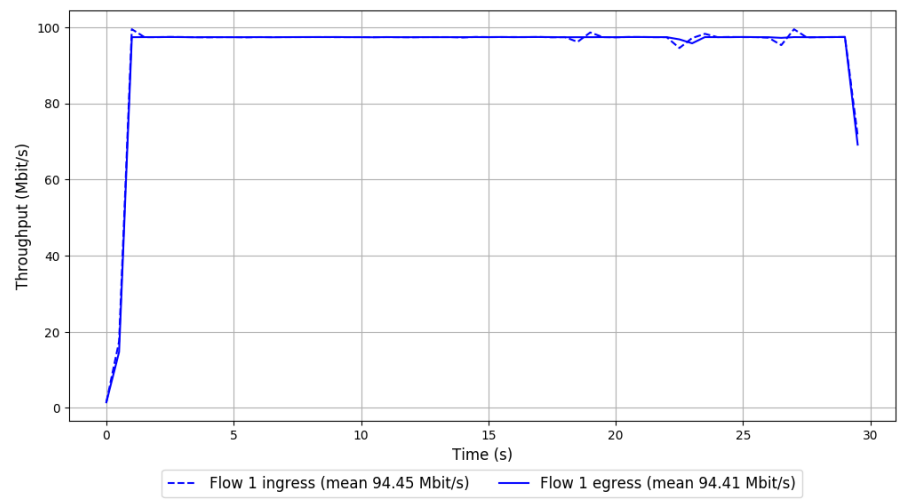


```
Run 1: Statistics of Vivace-loss

Start at: 2018-03-13 00:58:32
End at: 2018-03-13 00:59:02
Local clock offset: 1.785 ms
Remote clock offset: 4.983 ms

# Below is generated by plot.py at 2018-03-13 08:19:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.41 Mbit/s
95th percentile per-packet one-way delay: 25.396 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 94.41 Mbit/s
95th percentile per-packet one-way delay: 25.396 ms
Loss rate: 0.13%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-03-13 01:19:33

End at: 2018-03-13 01:20:03

Local clock offset: 2.054 ms

Remote clock offset: 5.556 ms

Below is generated by plot.py at 2018-03-13 08:19:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.39 Mbit/s

95th percentile per-packet one-way delay: 27.104 ms

Loss rate: 0.13%

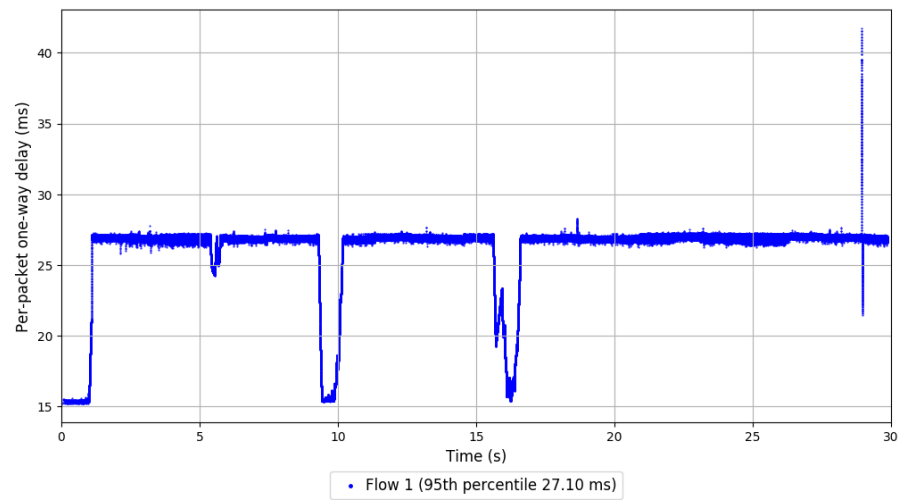
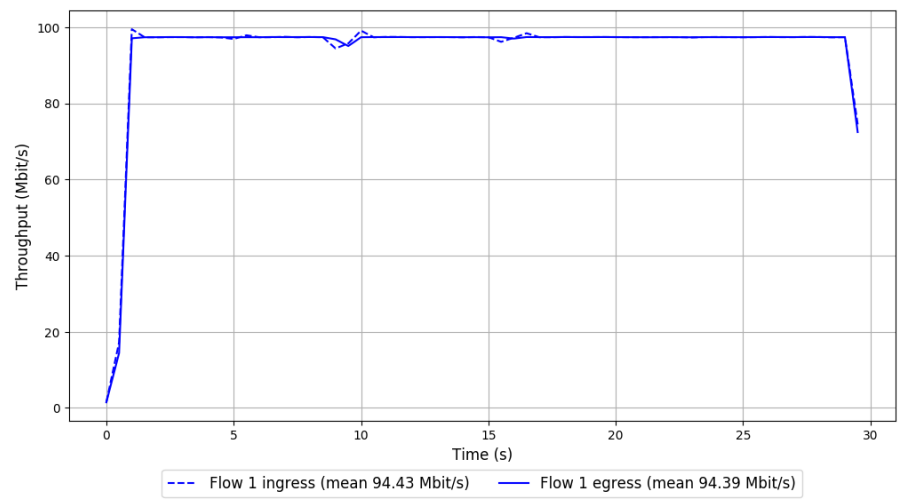
-- Flow 1:

Average throughput: 94.39 Mbit/s

95th percentile per-packet one-way delay: 27.104 ms

Loss rate: 0.13%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-03-13 01:40:27

End at: 2018-03-13 01:40:57

Local clock offset: 2.638 ms

Remote clock offset: -0.703 ms

Below is generated by plot.py at 2018-03-13 08:19:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.30 Mbit/s

95th percentile per-packet one-way delay: 26.586 ms

Loss rate: 0.13%

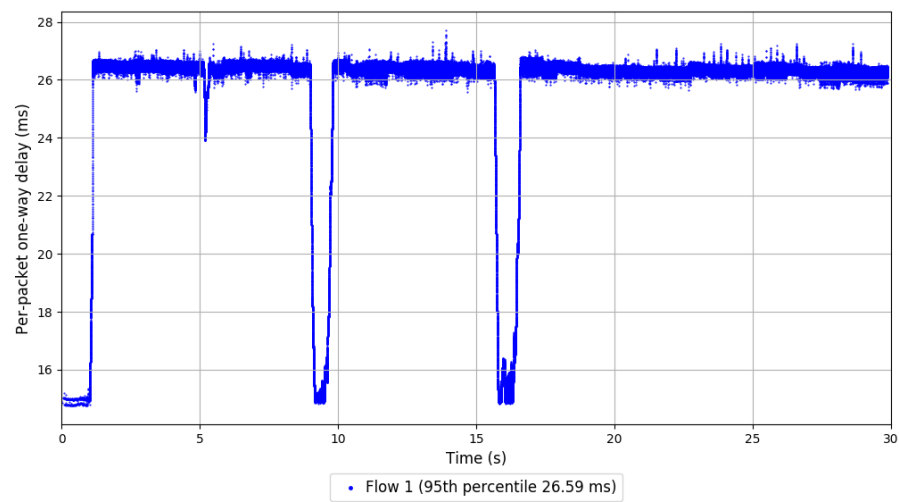
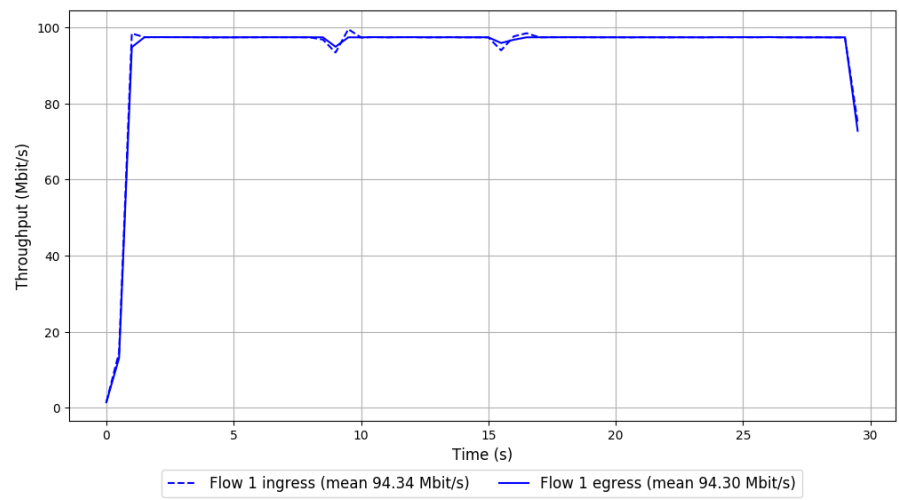
-- Flow 1:

Average throughput: 94.30 Mbit/s

95th percentile per-packet one-way delay: 26.586 ms

Loss rate: 0.13%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-03-13 02:01:20

End at: 2018-03-13 02:01:50

Local clock offset: 1.302 ms

Remote clock offset: -1.505 ms

Below is generated by plot.py at 2018-03-13 08:19:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.39 Mbit/s

95th percentile per-packet one-way delay: 24.861 ms

Loss rate: 0.13%

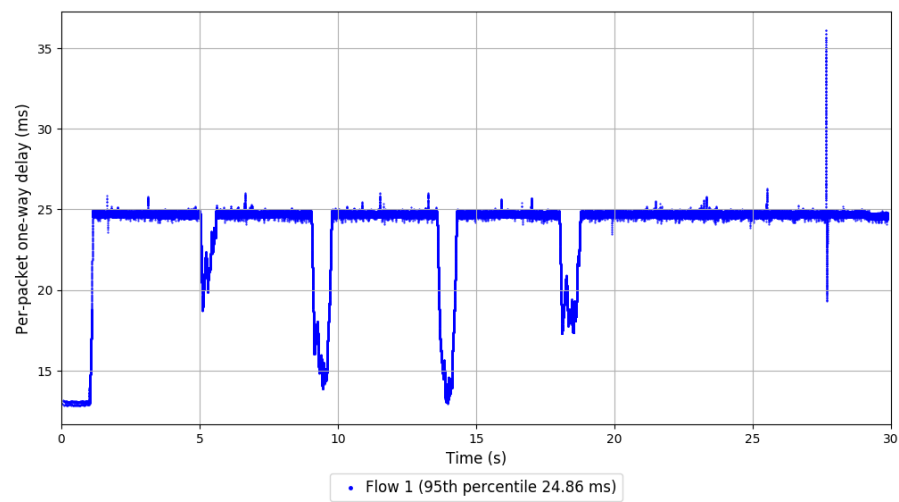
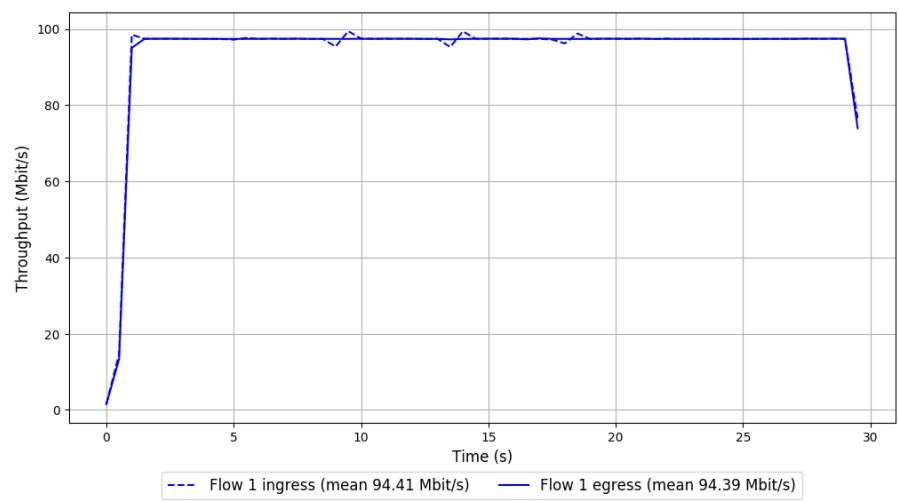
-- Flow 1:

Average throughput: 94.39 Mbit/s

95th percentile per-packet one-way delay: 24.861 ms

Loss rate: 0.13%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-03-13 02:22:13

End at: 2018-03-13 02:22:43

Local clock offset: 4.348 ms

Remote clock offset: -2.817 ms

Below is generated by plot.py at 2018-03-13 08:19:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.38 Mbit/s

95th percentile per-packet one-way delay: 27.318 ms

Loss rate: 0.13%

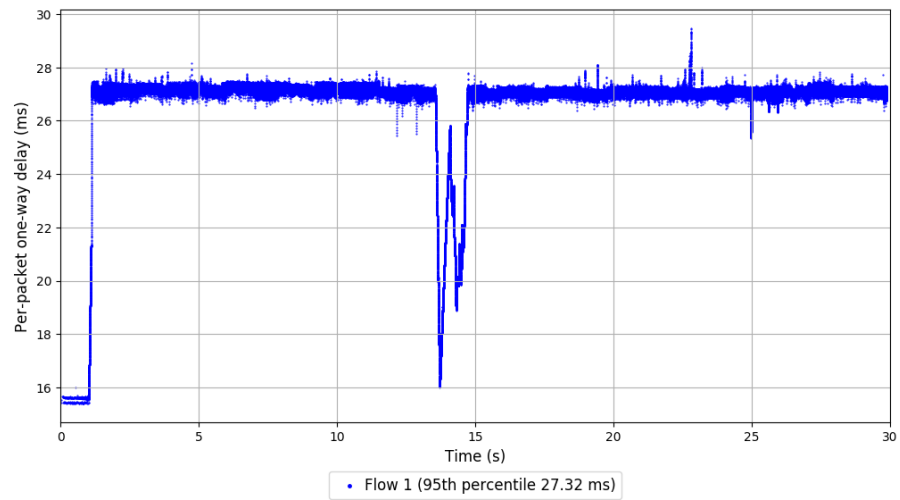
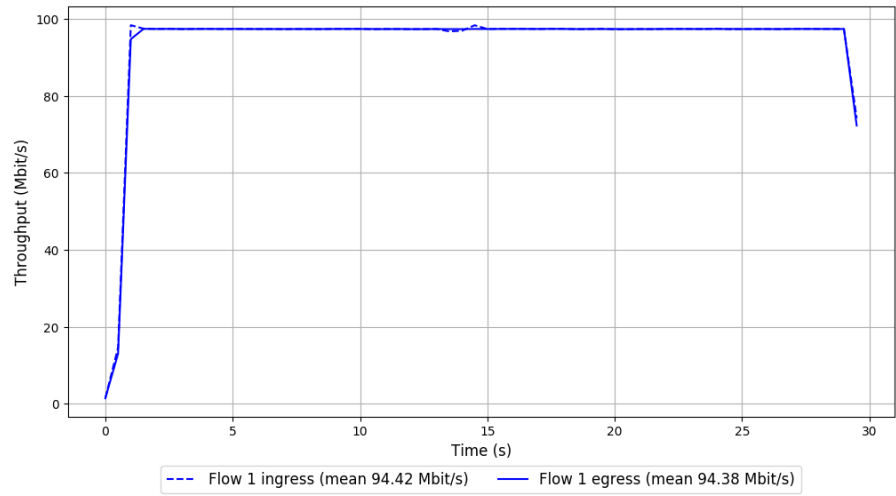
-- Flow 1:

Average throughput: 94.38 Mbit/s

95th percentile per-packet one-way delay: 27.318 ms

Loss rate: 0.13%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-03-13 02:43:16

End at: 2018-03-13 02:43:46

Local clock offset: 4.257 ms

Remote clock offset: -2.624 ms

Below is generated by plot.py at 2018-03-13 08:19:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.32 Mbit/s

95th percentile per-packet one-way delay: 27.084 ms

Loss rate: 0.13%

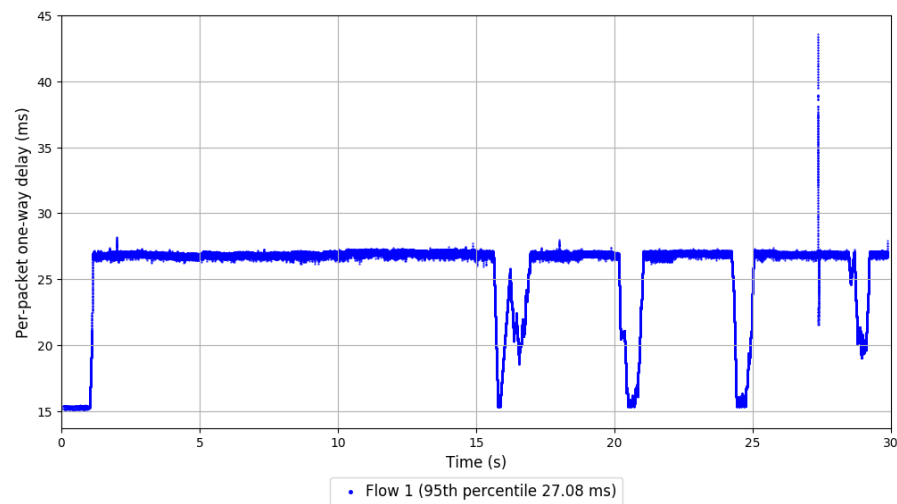
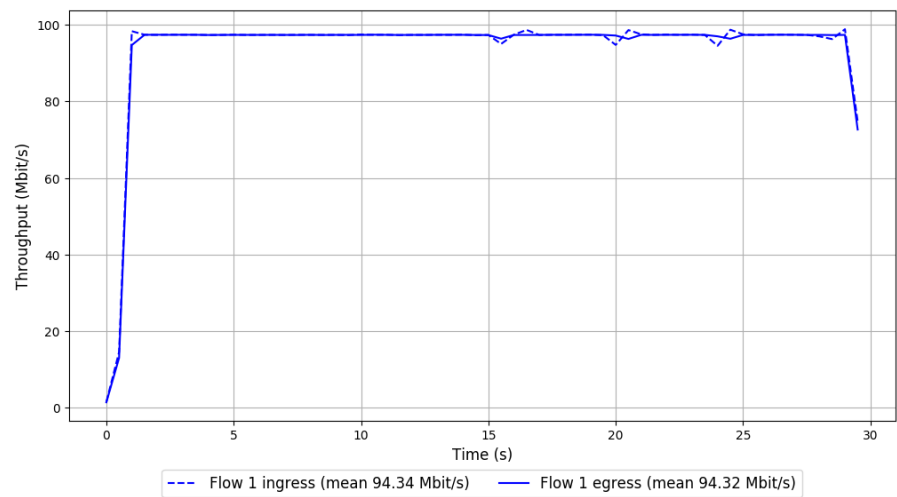
-- Flow 1:

Average throughput: 94.32 Mbit/s

95th percentile per-packet one-way delay: 27.084 ms

Loss rate: 0.13%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

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

End at: 2018-03-13 03:04:40

Local clock offset: 2.747 ms

Remote clock offset: -1.23 ms

Below is generated by plot.py at 2018-03-13 08:19:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.44 Mbit/s

95th percentile per-packet one-way delay: 26.366 ms

Loss rate: 0.13%

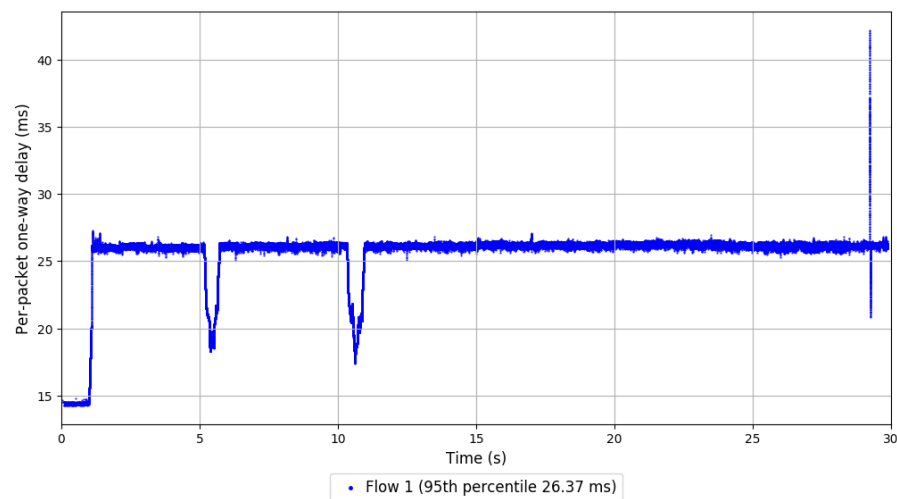
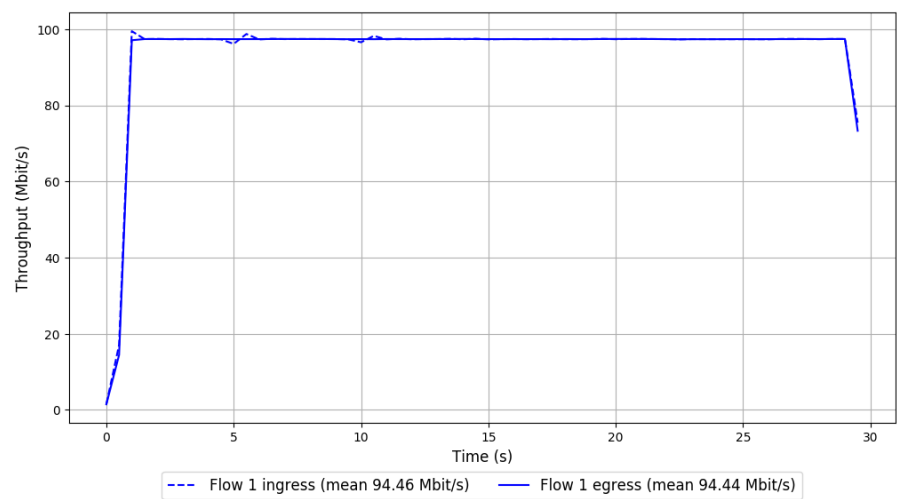
-- Flow 1:

Average throughput: 94.44 Mbit/s

95th percentile per-packet one-way delay: 26.366 ms

Loss rate: 0.13%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-03-13 03:25:08

End at: 2018-03-13 03:25:38

Local clock offset: 3.503 ms

Remote clock offset: 4.721 ms

Below is generated by plot.py at 2018-03-13 08:19:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.24 Mbit/s

95th percentile per-packet one-way delay: 25.978 ms

Loss rate: 0.13%

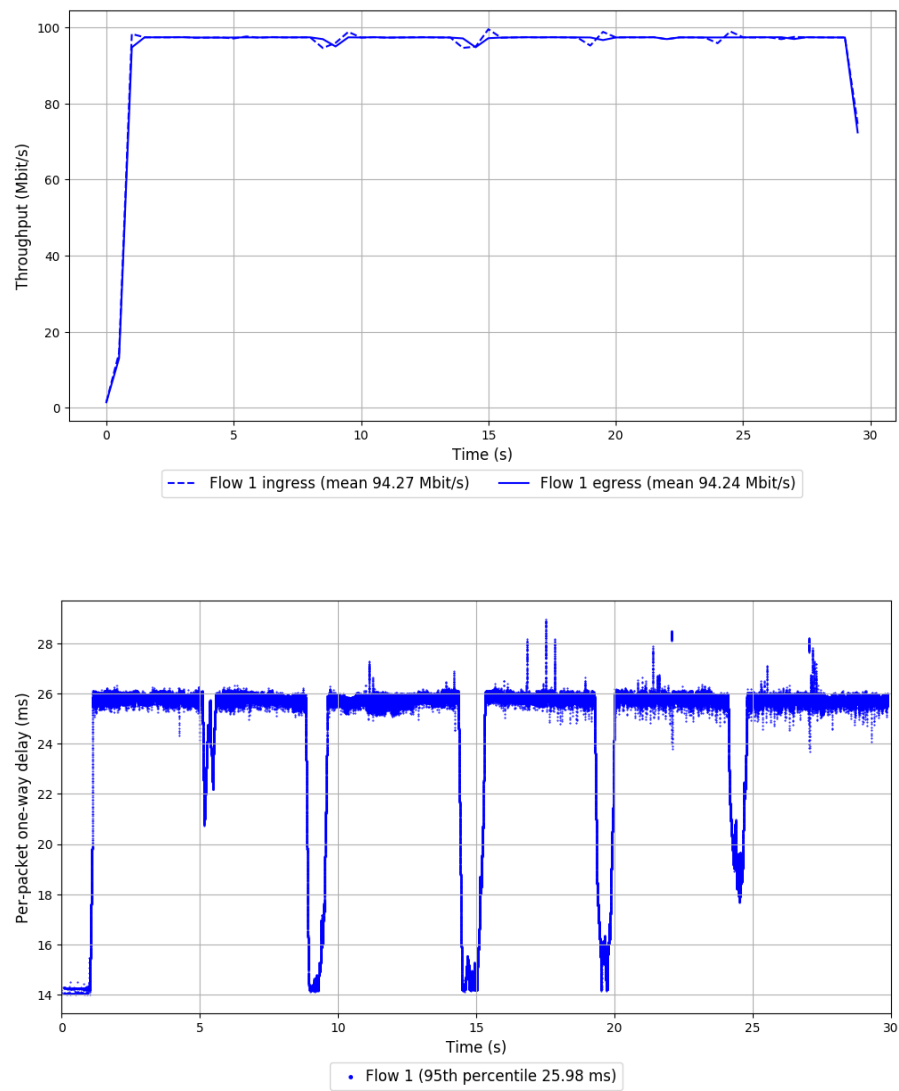
-- Flow 1:

Average throughput: 94.24 Mbit/s

95th percentile per-packet one-way delay: 25.978 ms

Loss rate: 0.13%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-03-13 03:46:12

End at: 2018-03-13 03:46:42

Local clock offset: 2.729 ms

Remote clock offset: 1.474 ms

Below is generated by plot.py at 2018-03-13 08:20:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.31 Mbit/s

95th percentile per-packet one-way delay: 24.798 ms

Loss rate: 0.13%

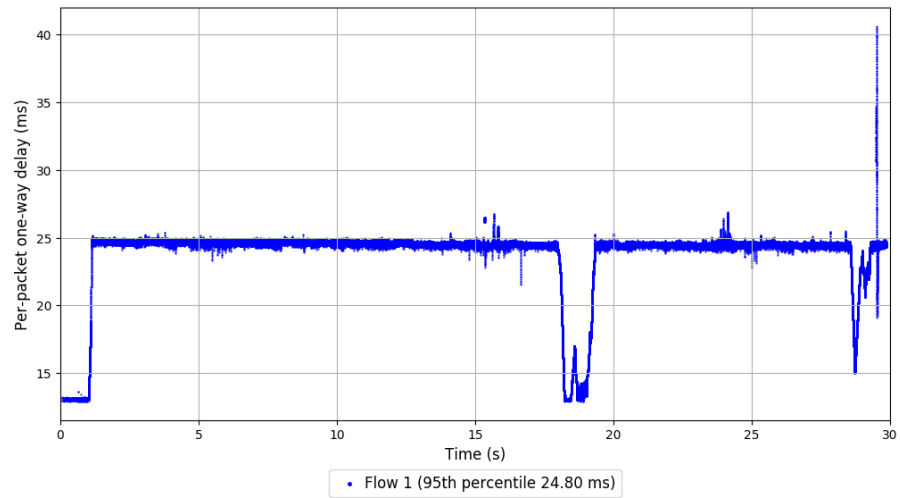
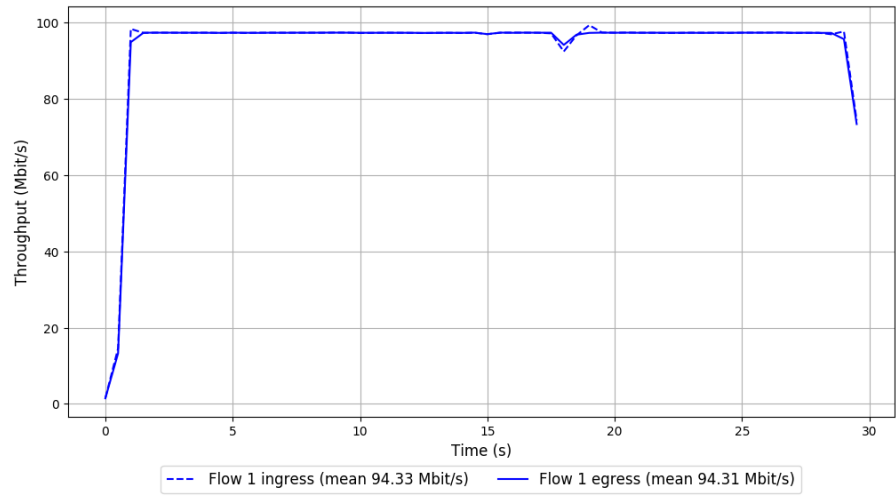
-- Flow 1:

Average throughput: 94.31 Mbit/s

95th percentile per-packet one-way delay: 24.798 ms

Loss rate: 0.13%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-03-13 04:07:05

End at: 2018-03-13 04:07:35

Local clock offset: 4.364 ms

Remote clock offset: -2.553 ms

Below is generated by plot.py at 2018-03-13 08:20:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.31 Mbit/s

95th percentile per-packet one-way delay: 27.644 ms

Loss rate: 0.12%

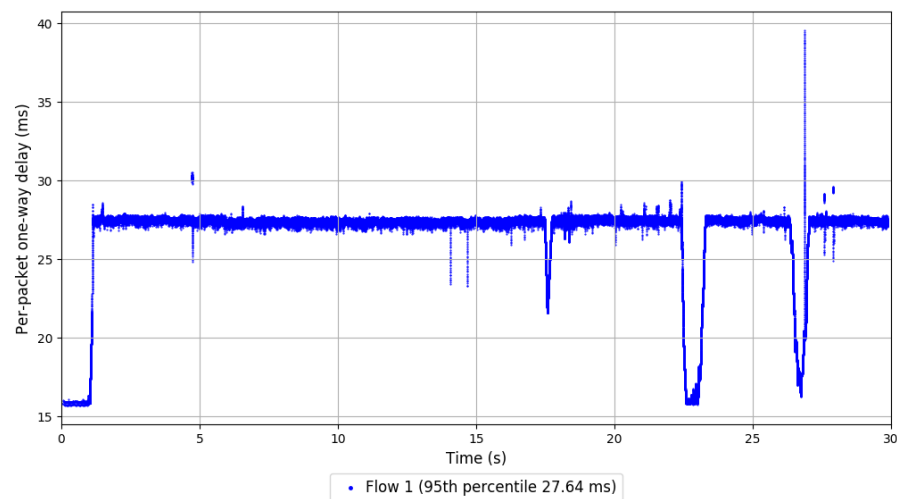
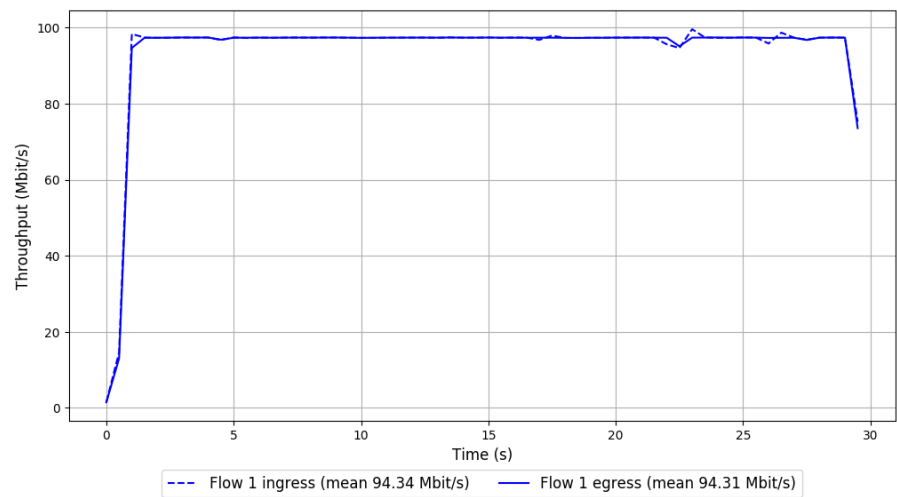
-- Flow 1:

Average throughput: 94.31 Mbit/s

95th percentile per-packet one-way delay: 27.644 ms

Loss rate: 0.12%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-03-13 00:51:38

End at: 2018-03-13 00:52:09

Local clock offset: 6.031 ms

Remote clock offset: 4.851 ms

Below is generated by plot.py at 2018-03-13 08:20:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.17 Mbit/s

95th percentile per-packet one-way delay: 29.125 ms

Loss rate: 0.09%

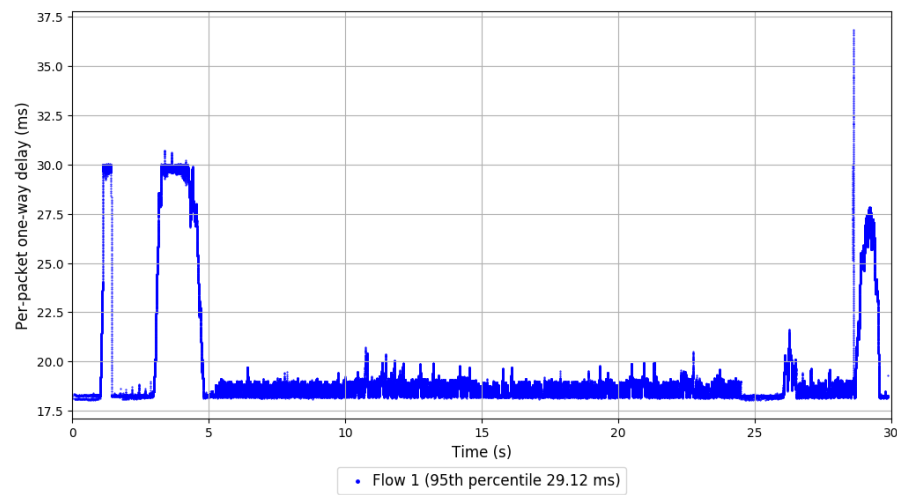
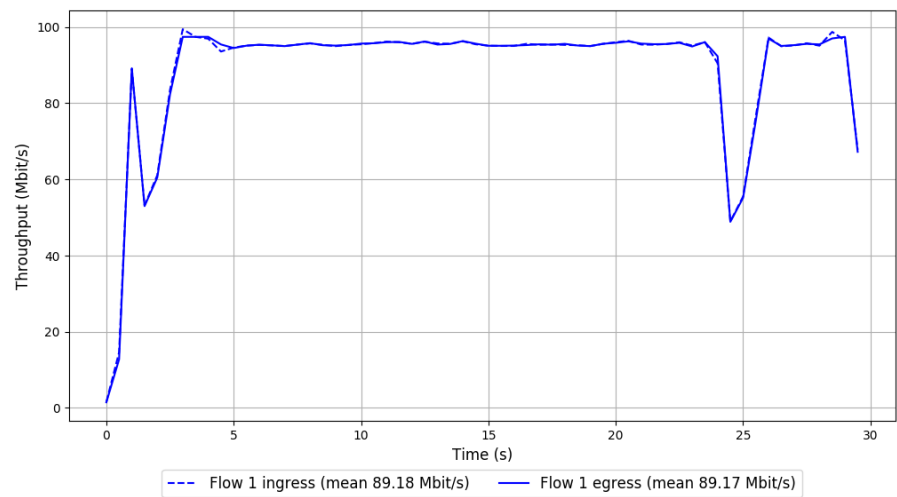
-- Flow 1:

Average throughput: 89.17 Mbit/s

95th percentile per-packet one-way delay: 29.125 ms

Loss rate: 0.09%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-03-13 01:12:41

End at: 2018-03-13 01:13:11

Local clock offset: 1.961 ms

Remote clock offset: 5.857 ms

Below is generated by plot.py at 2018-03-13 08:20:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.80 Mbit/s

95th percentile per-packet one-way delay: 19.346 ms

Loss rate: 0.10%

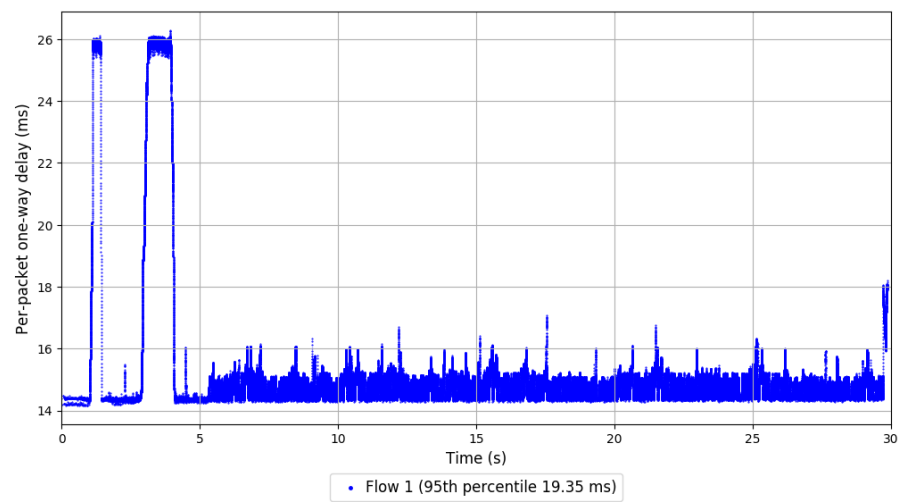
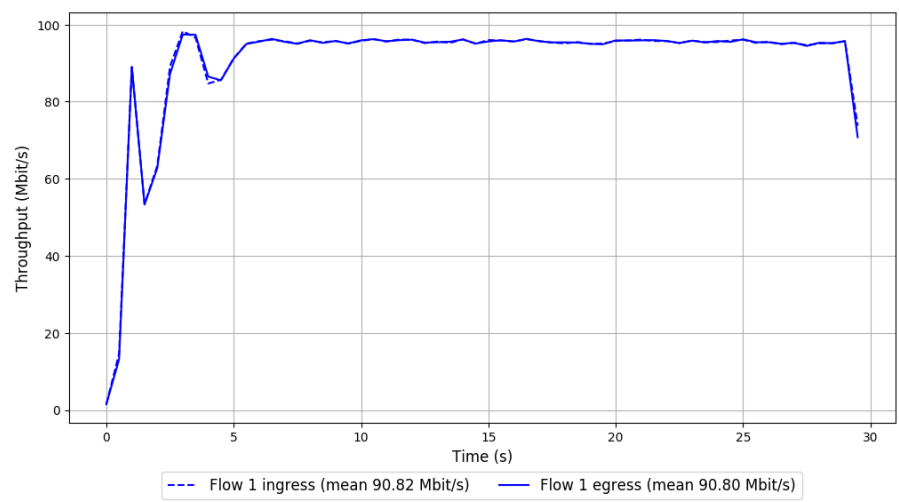
-- Flow 1:

Average throughput: 90.80 Mbit/s

95th percentile per-packet one-way delay: 19.346 ms

Loss rate: 0.10%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-03-13 01:33:36

End at: 2018-03-13 01:34:06

Local clock offset: 0.303 ms

Remote clock offset: 0.408 ms

Below is generated by plot.py at 2018-03-13 08:20:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.06 Mbit/s

95th percentile per-packet one-way delay: 23.227 ms

Loss rate: 0.09%

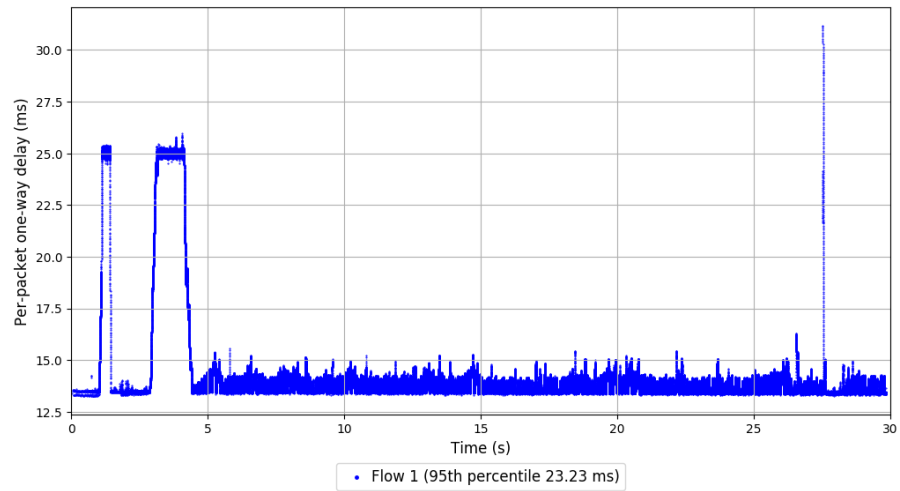
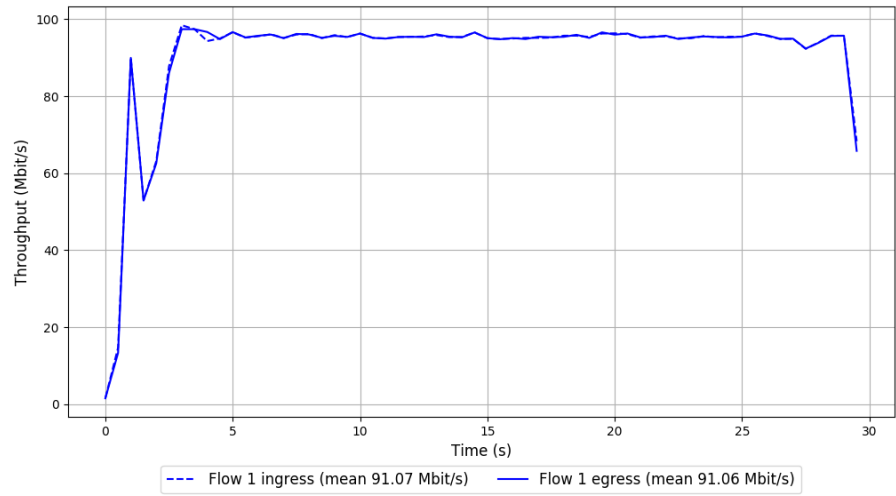
-- Flow 1:

Average throughput: 91.06 Mbit/s

95th percentile per-packet one-way delay: 23.227 ms

Loss rate: 0.09%

Run 3: Report of Vivace-LTE — Data Link

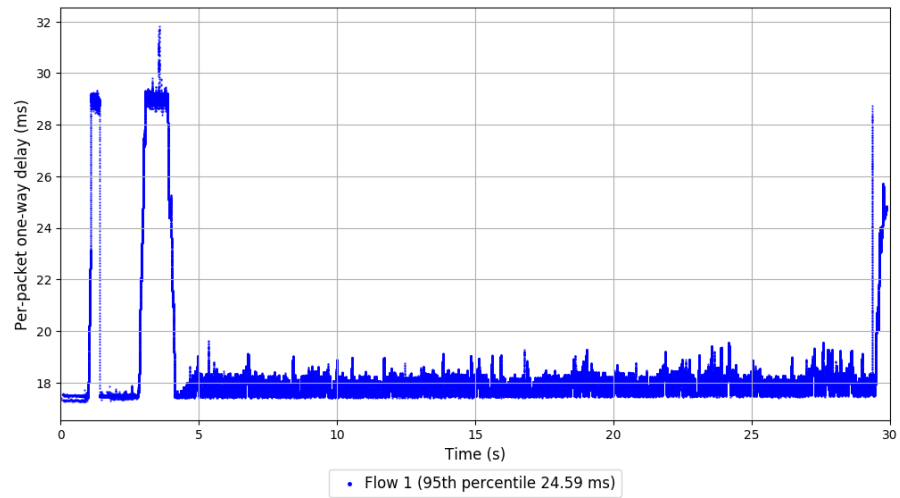
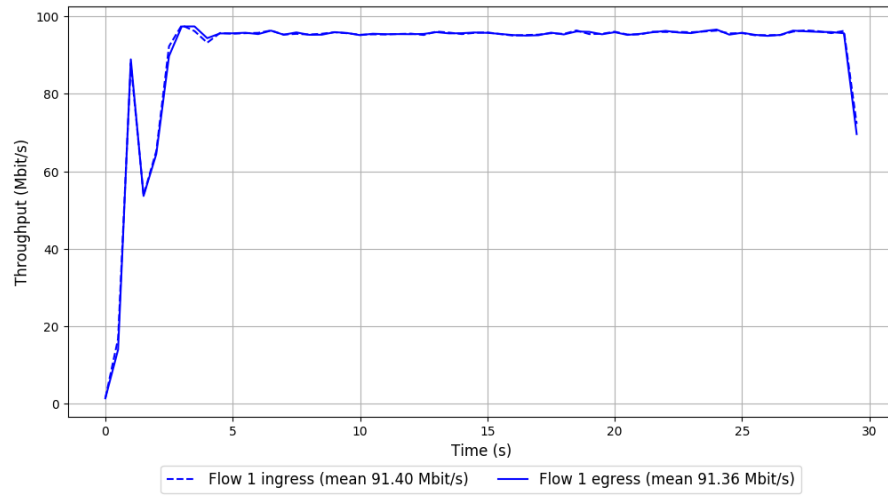


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-13 01:54:29
End at: 2018-03-13 01:54:59
Local clock offset: 4.443 ms
Remote clock offset: -3.312 ms

Below is generated by plot.py at 2018-03-13 08:21:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.36 Mbit/s
95th percentile per-packet one-way delay: 24.585 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 91.36 Mbit/s
95th percentile per-packet one-way delay: 24.585 ms
Loss rate: 0.12%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-03-13 02:15:23

End at: 2018-03-13 02:15:53

Local clock offset: 4.441 ms

Remote clock offset: -2.017 ms

Below is generated by plot.py at 2018-03-13 08:21:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.87 Mbit/s

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

Loss rate: 0.09%

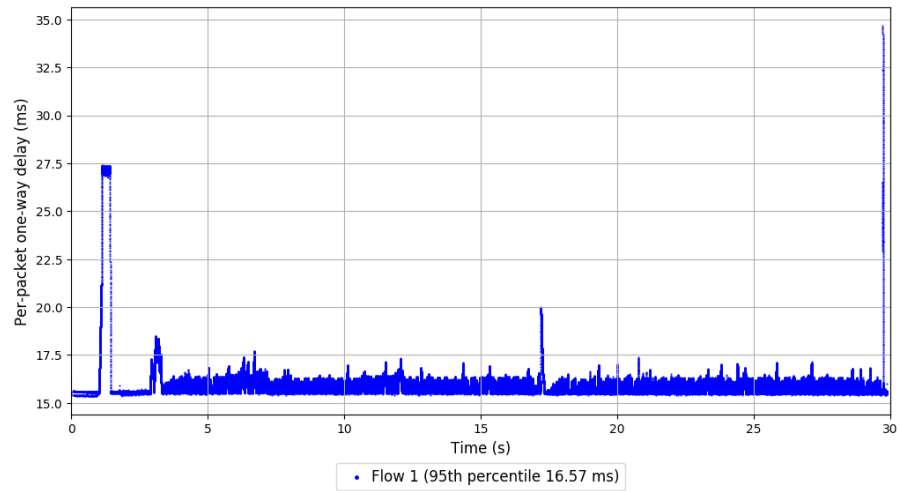
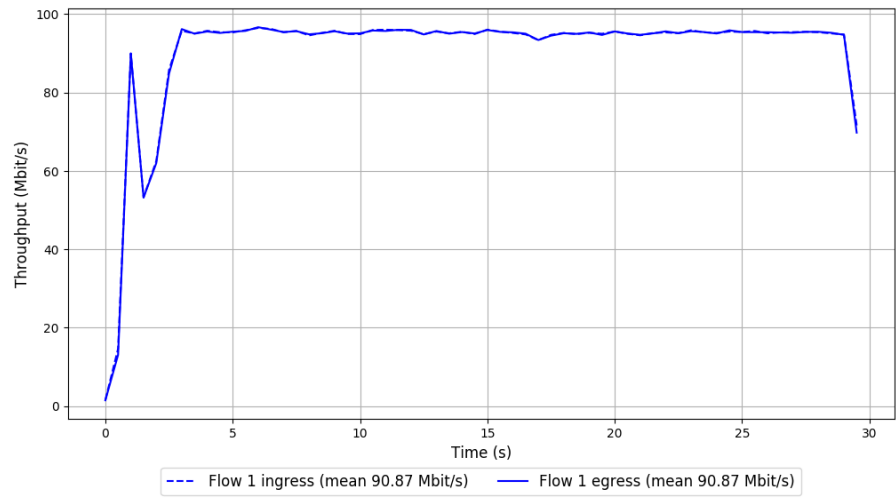
-- Flow 1:

Average throughput: 90.87 Mbit/s

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

Loss rate: 0.09%

Run 5: Report of Vivace-LTE — Data Link

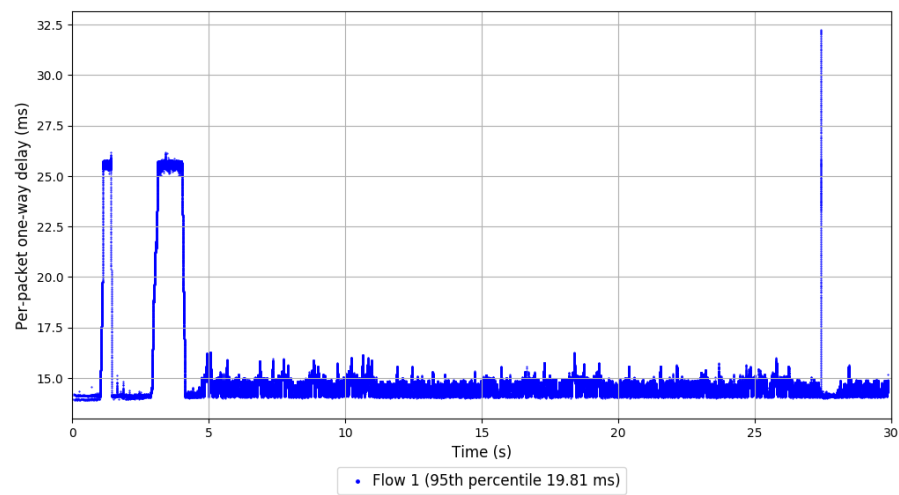
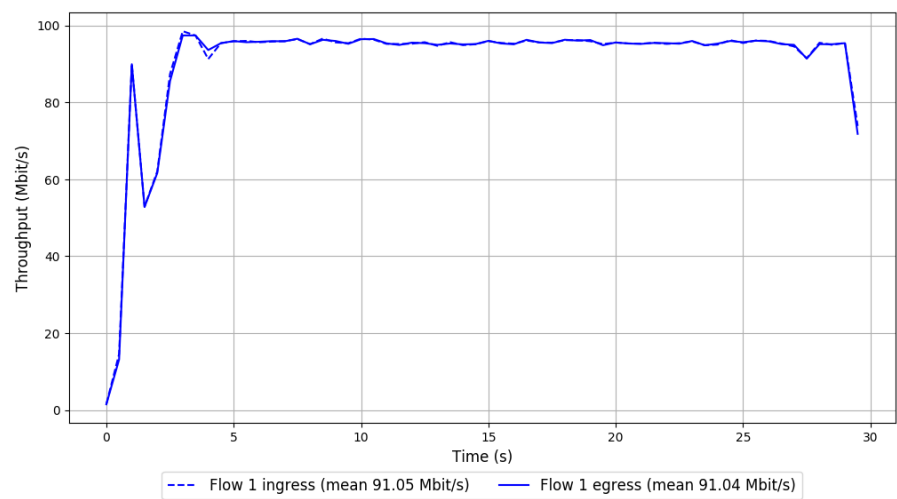


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-13 02:36:17
End at: 2018-03-13 02:36:47
Local clock offset: 4.317 ms
Remote clock offset: -1.374 ms

Below is generated by plot.py at 2018-03-13 08:21:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.04 Mbit/s
95th percentile per-packet one-way delay: 19.810 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 91.04 Mbit/s
95th percentile per-packet one-way delay: 19.810 ms
Loss rate: 0.09%

Run 6: Report of Vivace-LTE — Data Link

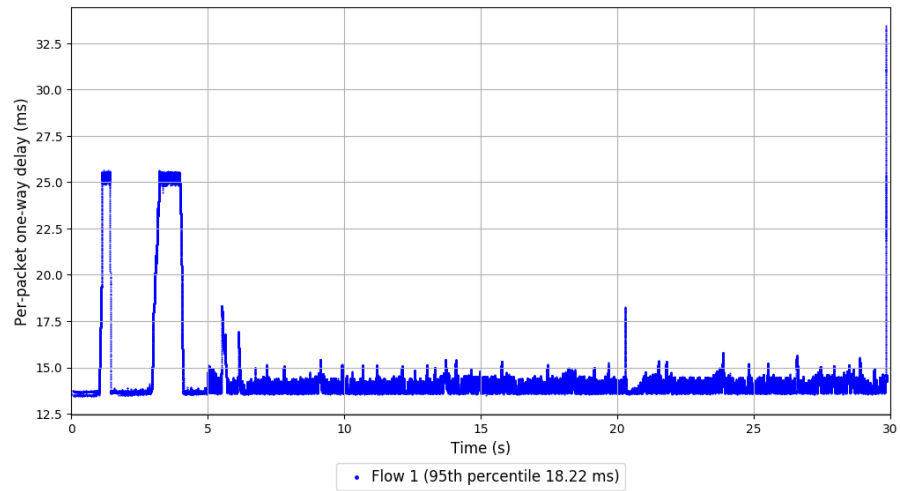
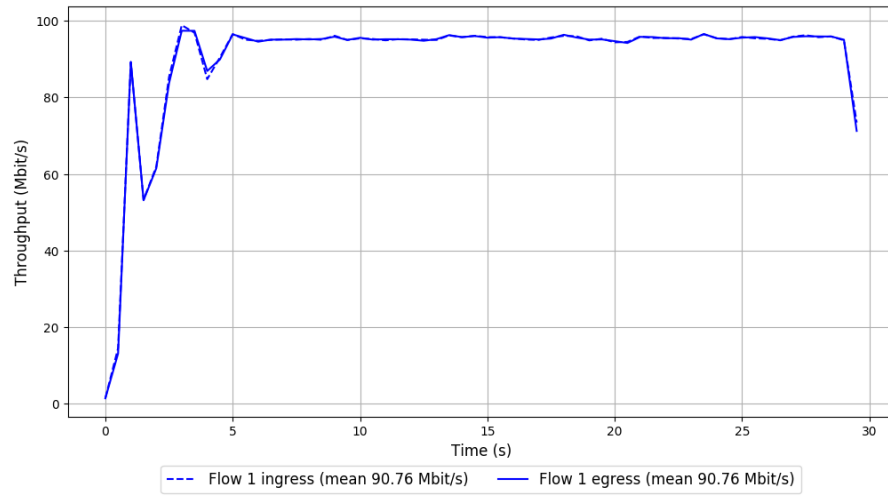


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-13 02:57:19
End at: 2018-03-13 02:57:49
Local clock offset: 2.711 ms
Remote clock offset: -1.486 ms

Below is generated by plot.py at 2018-03-13 08:21:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.76 Mbit/s
95th percentile per-packet one-way delay: 18.216 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 90.76 Mbit/s
95th percentile per-packet one-way delay: 18.216 ms
Loss rate: 0.09%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-03-13 03:18:18

End at: 2018-03-13 03:18:48

Local clock offset: 2.25 ms

Remote clock offset: 2.454 ms

Below is generated by plot.py at 2018-03-13 08:21:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.82 Mbit/s

95th percentile per-packet one-way delay: 21.064 ms

Loss rate: 0.09%

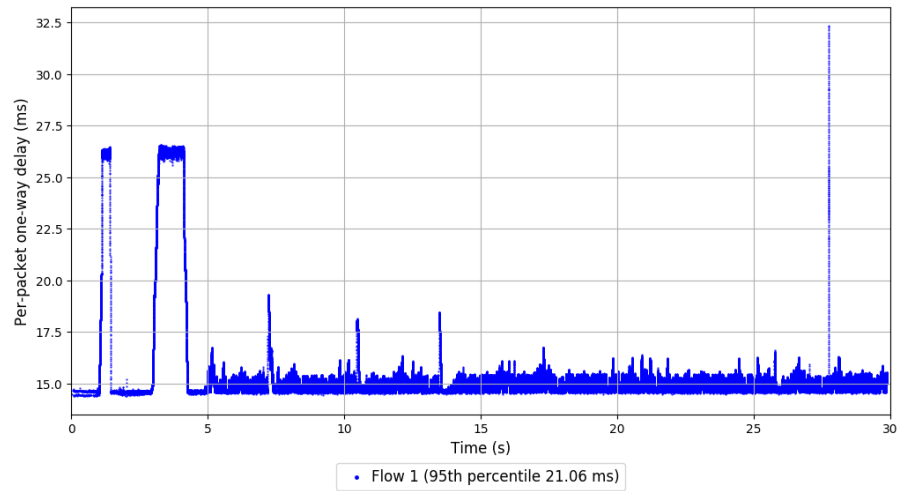
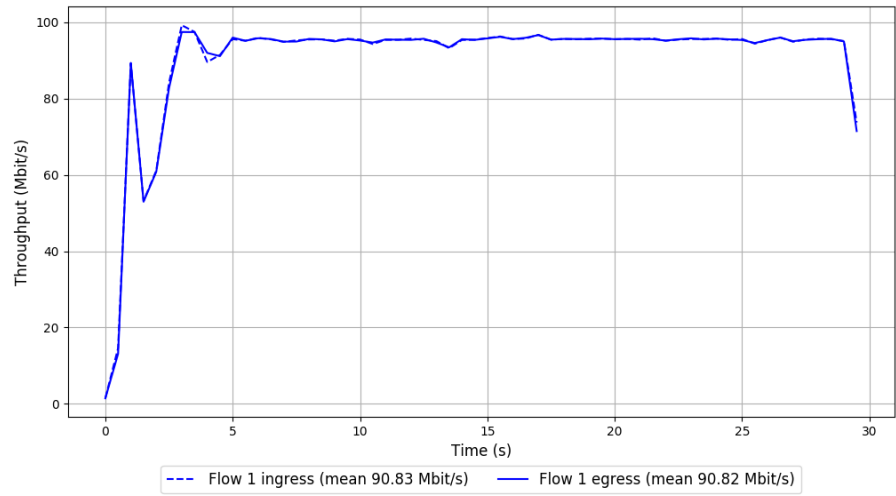
-- Flow 1:

Average throughput: 90.82 Mbit/s

95th percentile per-packet one-way delay: 21.064 ms

Loss rate: 0.09%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-03-13 03:39:15

End at: 2018-03-13 03:39:45

Local clock offset: 4.055 ms

Remote clock offset: 2.678 ms

Below is generated by plot.py at 2018-03-13 08:21:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.07 Mbit/s

95th percentile per-packet one-way delay: 22.957 ms

Loss rate: 0.09%

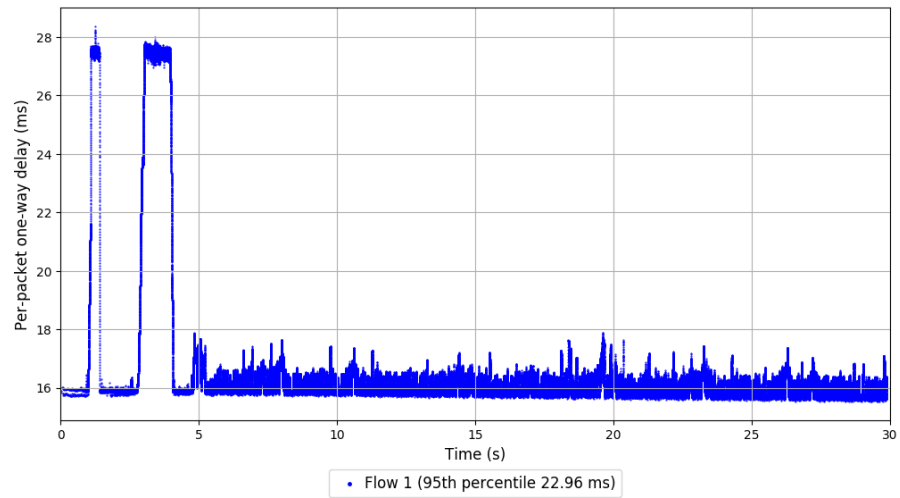
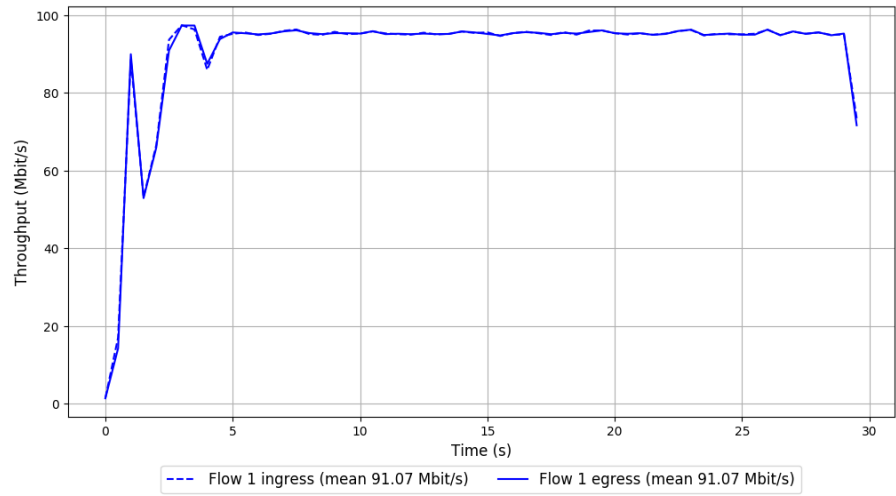
-- Flow 1:

Average throughput: 91.07 Mbit/s

95th percentile per-packet one-way delay: 22.957 ms

Loss rate: 0.09%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-13 04:00:16

End at: 2018-03-13 04:00:46

Local clock offset: 4.813 ms

Remote clock offset: -1.032 ms

Below is generated by plot.py at 2018-03-13 08:21:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.83 Mbit/s

95th percentile per-packet one-way delay: 21.661 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 90.83 Mbit/s

95th percentile per-packet one-way delay: 21.661 ms

Loss rate: 0.09%

Run 10: Report of Vivace-LTE — Data Link

