

## Pantheon Report

Generated at 2018-01-16 17:56:42 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

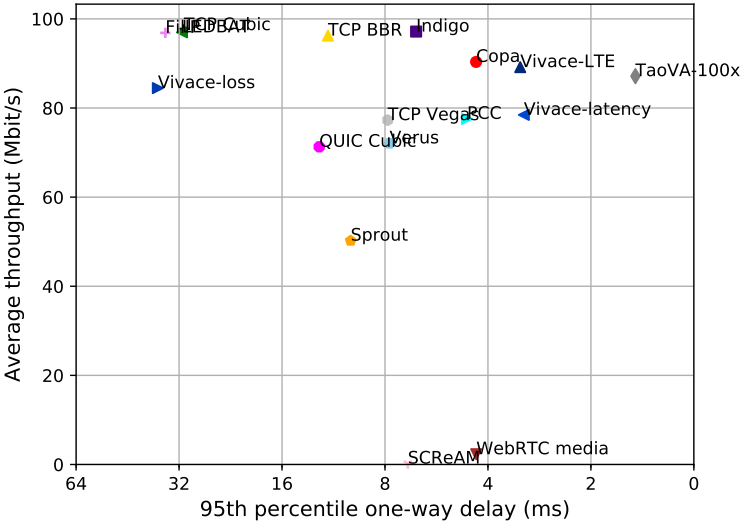
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

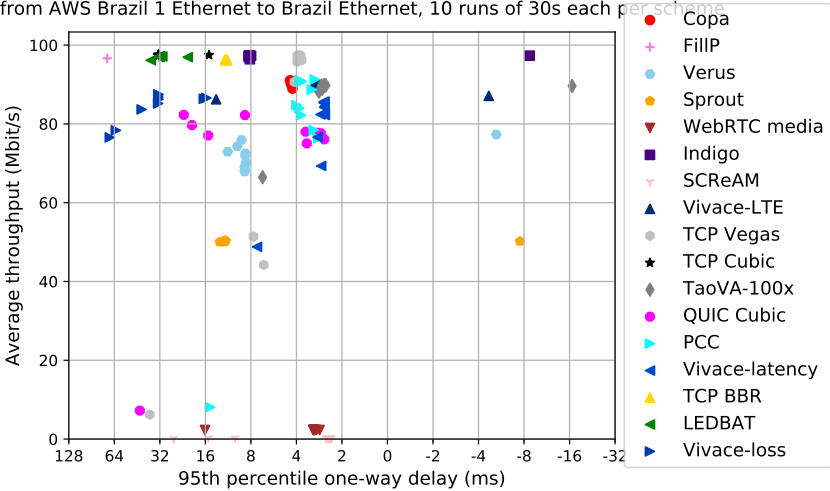
Git summary:

```
branch: master @ af8abdfba95588b0c5f2aeca9e856a1656b0c598
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fixlisp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 423cbca3e8ea1d599e7b5cf725835e8a2b6bfac6
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	96.25	11.74	0.00
TCP Cubic	10	97.48	30.98	0.01
LEDBAT	10	96.98	31.38	0.02
PCC	10	77.56	4.60	0.01
QUIC Cubic	10	71.30	12.45	0.18
SCReAM	10	0.21	6.86	0.07
WebRTC media	10	2.30	4.33	0.00
Sprout	10	50.23	10.08	0.00
TaoVA-100x	10	87.16	1.14	0.00
TCP Vegas	10	77.28	7.86	0.00
Verus	10	72.06	7.76	0.94
Copa	5	90.35	4.33	0.00
FillP	10	96.87	35.10	12.24
Indigo	10	97.16	6.49	0.00
Vivace-latency	10	78.46	3.14	0.00
Vivace-loss	10	84.47	36.91	11.40
Vivace-LTE	10	89.18	3.22	0.10

Run 1: Statistics of TCP BBR

Start at: 2018-01-16 13:28:51

End at: 2018-01-16 13:29:21

Local clock offset: -2.886 ms

Remote clock offset: 0.307 ms

# Below is generated by plot.py at 2018-01-16 17:28:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.20 Mbit/s

95th percentile per-packet one-way delay: 11.487 ms

Loss rate: 0.00%

-- Flow 1:

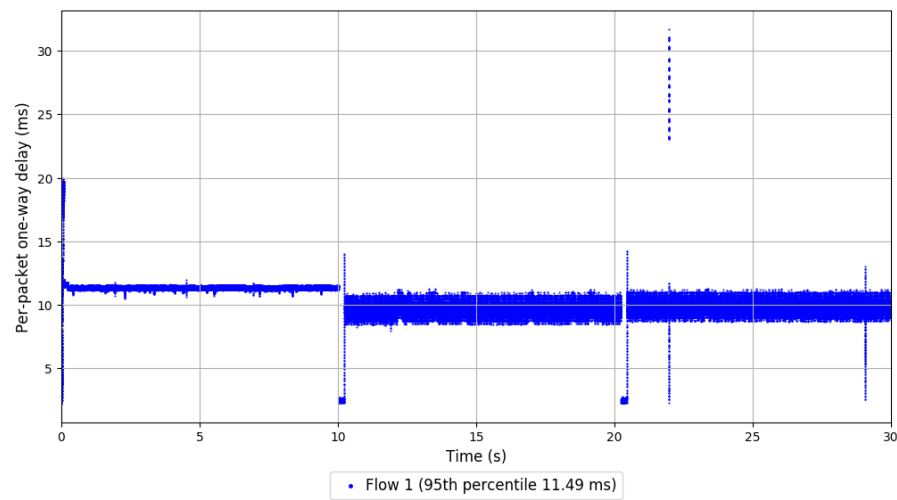
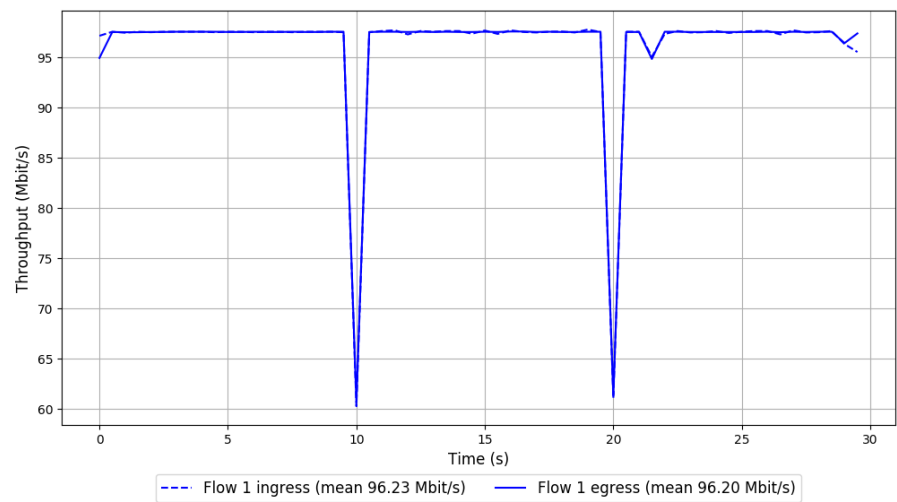
Average throughput: 96.20 Mbit/s

95th percentile per-packet one-way delay: 11.487 ms

Loss rate: 0.00%



Run 1: Report of TCP BBR — Data Link

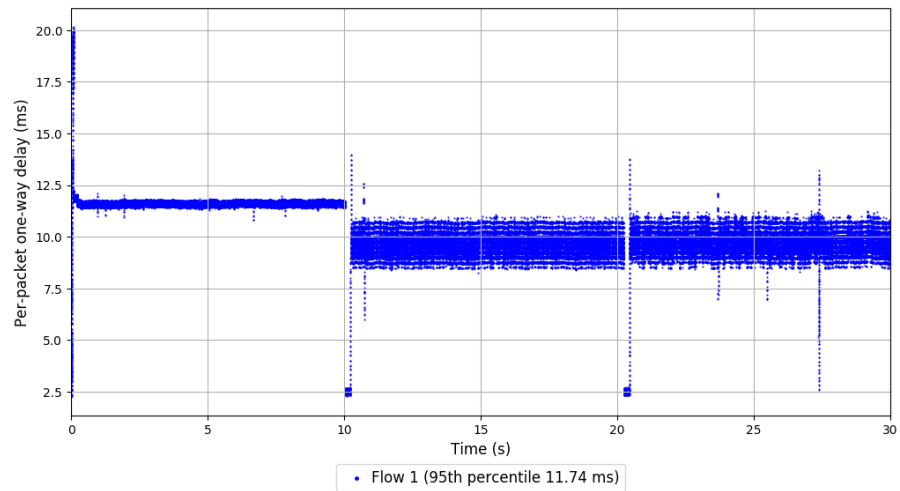
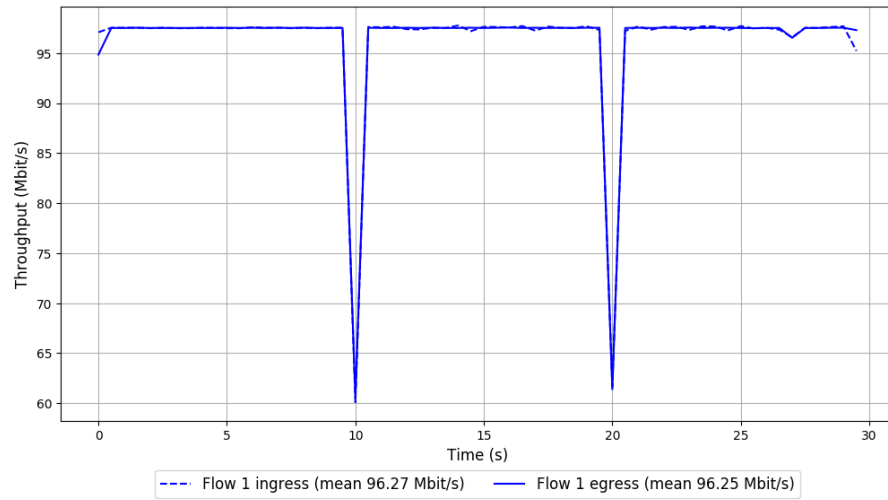


Run 2: Statistics of TCP BBR

Start at: 2018-01-16 13:49:22  
End at: 2018-01-16 13:49:52  
Local clock offset: -2.637 ms  
Remote clock offset: -0.361 ms

# Below is generated by plot.py at 2018-01-16 17:28:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.25 Mbit/s  
95th percentile per-packet one-way delay: 11.736 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.25 Mbit/s  
95th percentile per-packet one-way delay: 11.736 ms  
Loss rate: 0.00%

## Run 2: Report of TCP BBR — Data Link

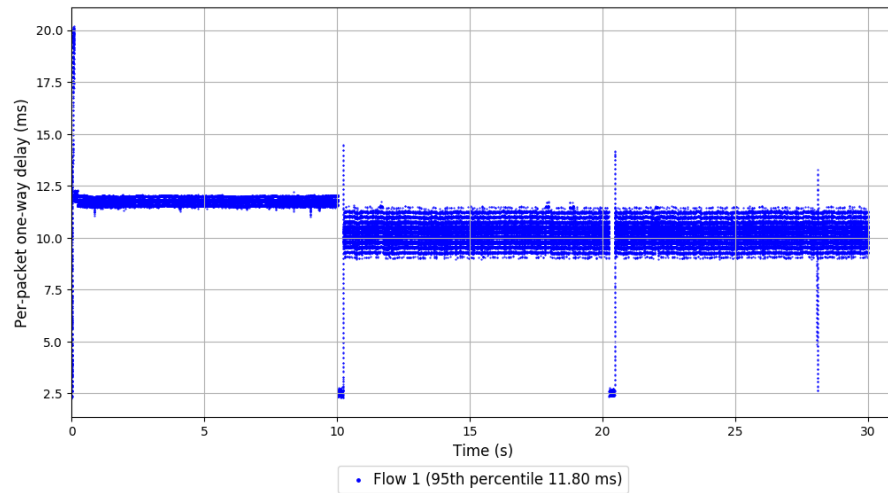
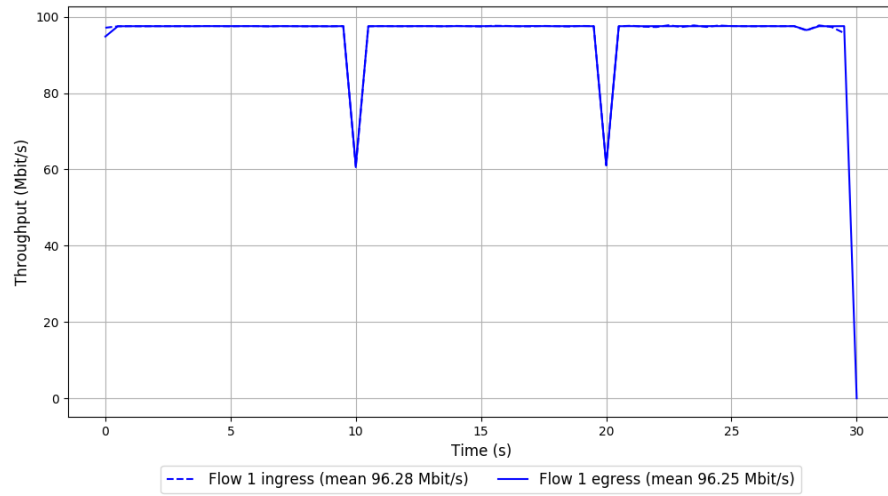


Run 3: Statistics of TCP BBR

Start at: 2018-01-16 14:09:56  
End at: 2018-01-16 14:10:26  
Local clock offset: -2.348 ms  
Remote clock offset: -0.225 ms

# Below is generated by plot.py at 2018-01-16 17:28:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.25 Mbit/s  
95th percentile per-packet one-way delay: 11.805 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.25 Mbit/s  
95th percentile per-packet one-way delay: 11.805 ms  
Loss rate: 0.00%

### Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-01-16 14:30:22

End at: 2018-01-16 14:30:52

Local clock offset: -1.404 ms

Remote clock offset: 0.011 ms

# Below is generated by plot.py at 2018-01-16 17:28:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 11.758 ms

Loss rate: 0.00%

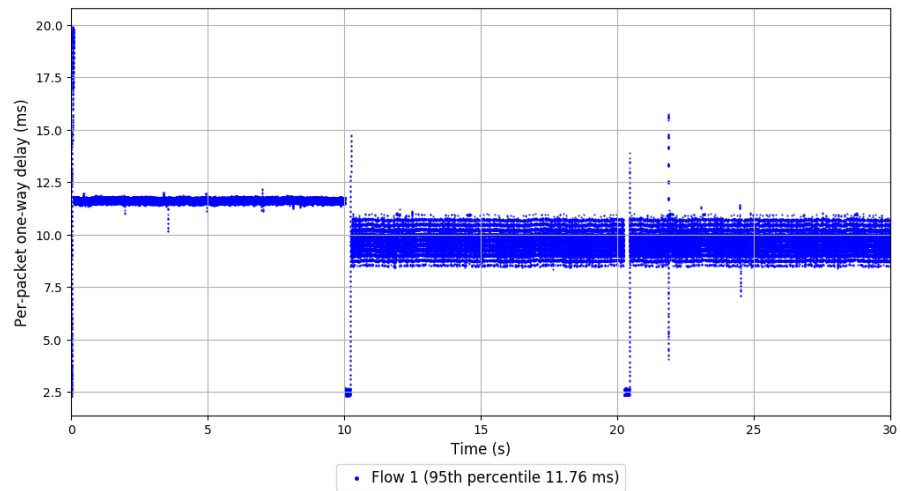
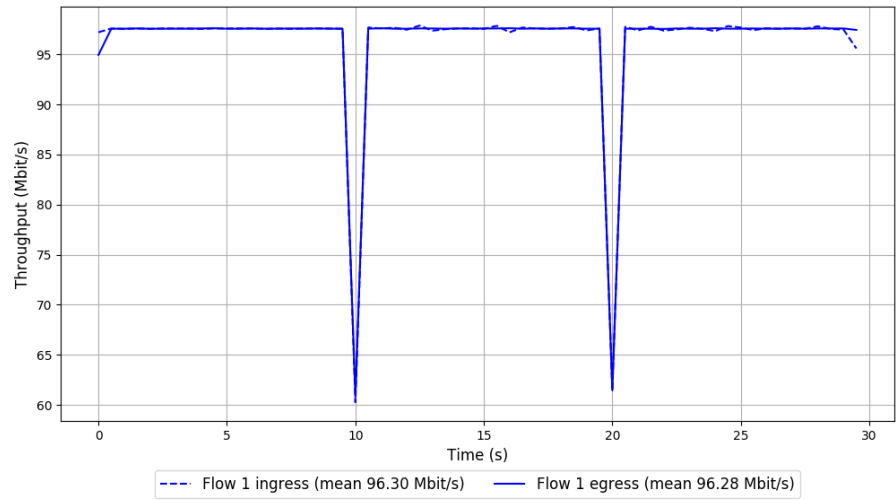
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 11.758 ms

Loss rate: 0.00%

#### Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-01-16 14:50:47

End at: 2018-01-16 14:51:17

Local clock offset: -0.746 ms

Remote clock offset: 0.093 ms

# Below is generated by plot.py at 2018-01-16 17:28:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 11.739 ms

Loss rate: 0.00%

-- Flow 1:

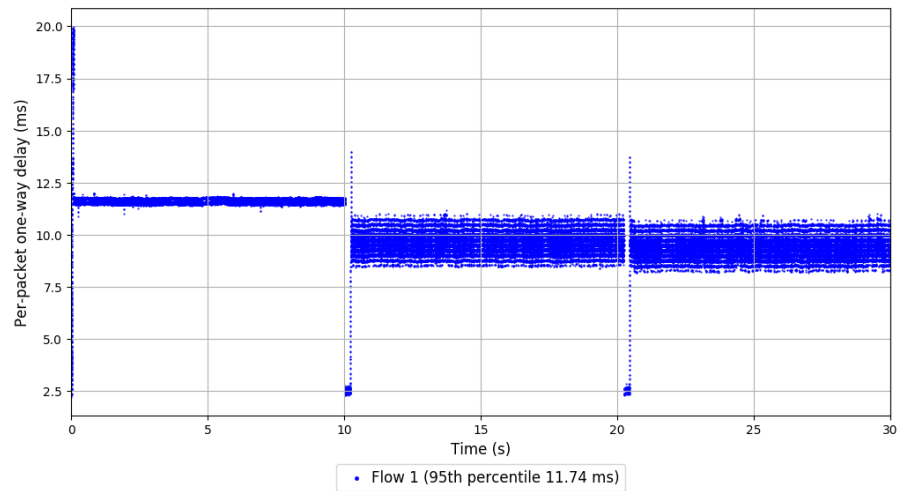
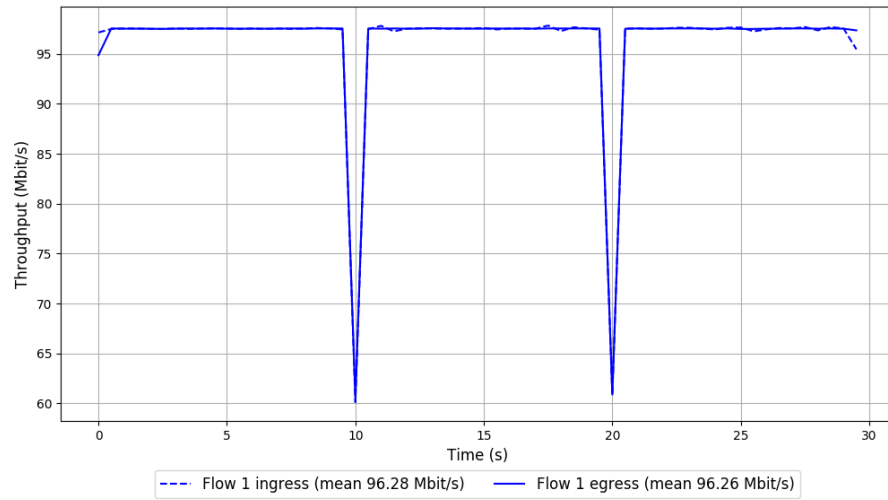
Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 11.739 ms

Loss rate: 0.00%



### Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-01-16 15:11:14

End at: 2018-01-16 15:11:44

Local clock offset: -0.114 ms

Remote clock offset: 0.345 ms

# Below is generated by plot.py at 2018-01-16 17:28:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.21 Mbit/s

95th percentile per-packet one-way delay: 11.720 ms

Loss rate: 0.00%

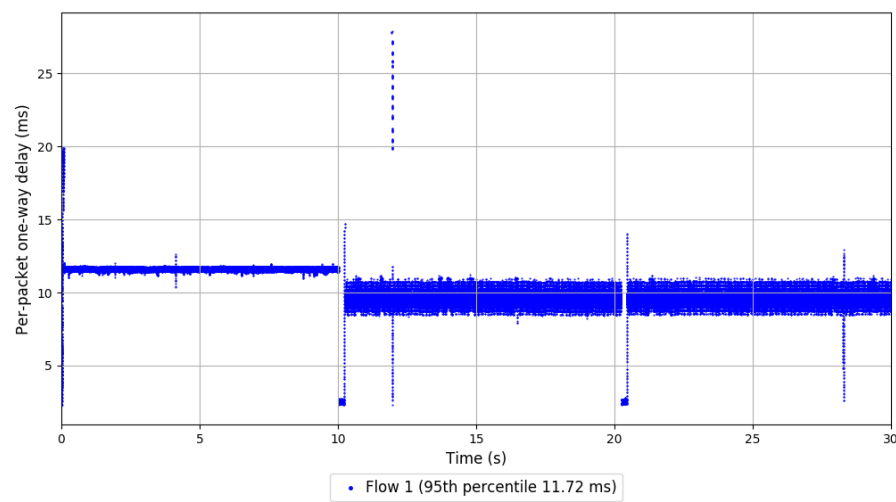
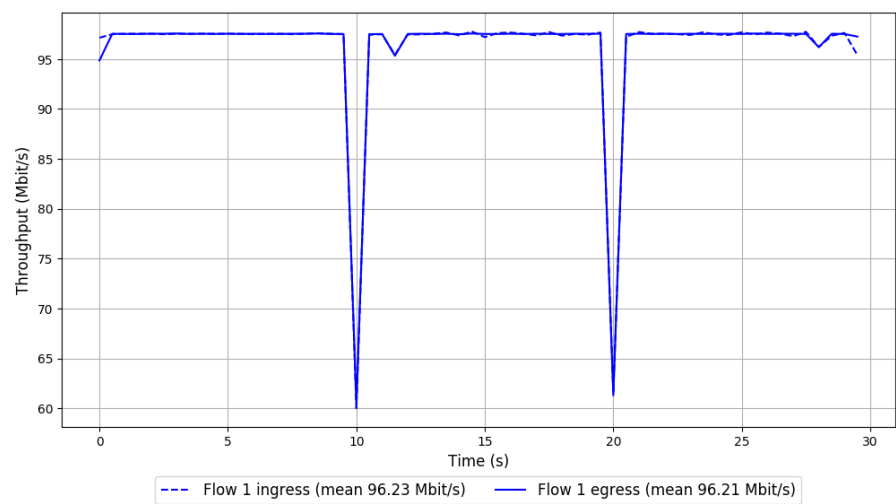
-- Flow 1:

Average throughput: 96.21 Mbit/s

95th percentile per-packet one-way delay: 11.720 ms

Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-01-16 15:31:46

End at: 2018-01-16 15:32:16

Local clock offset: 0.348 ms

Remote clock offset: 0.509 ms

# Below is generated by plot.py at 2018-01-16 17:28:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.851 ms

Loss rate: 0.00%

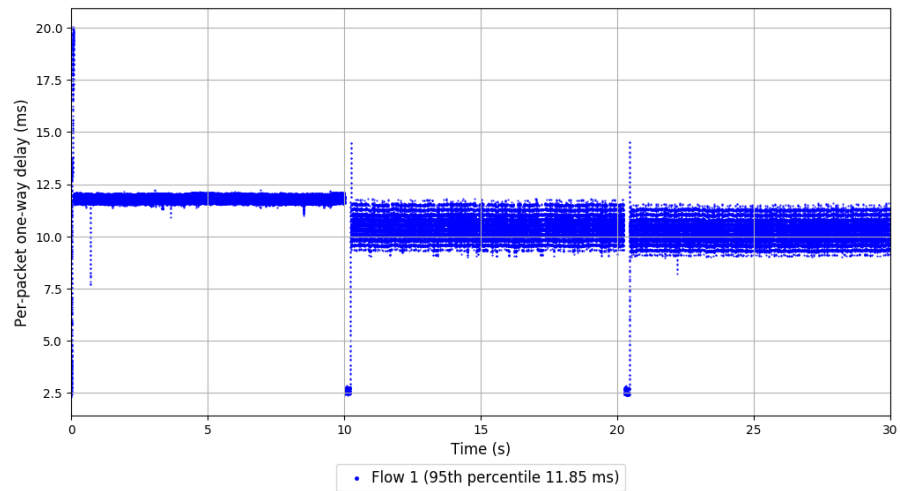
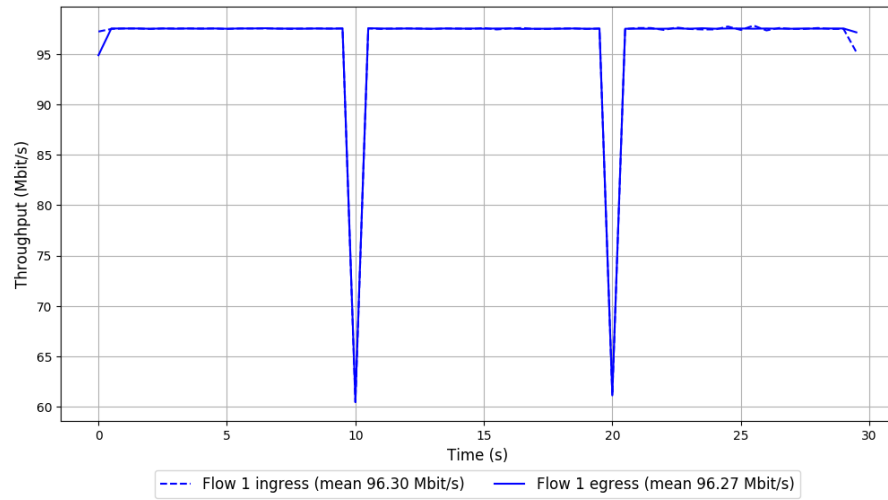
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.851 ms

Loss rate: 0.00%

## Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-01-16 15:52:08

End at: 2018-01-16 15:52:38

Local clock offset: 0.709 ms

Remote clock offset: 0.592 ms

# Below is generated by plot.py at 2018-01-16 17:28:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 11.794 ms

Loss rate: 0.00%

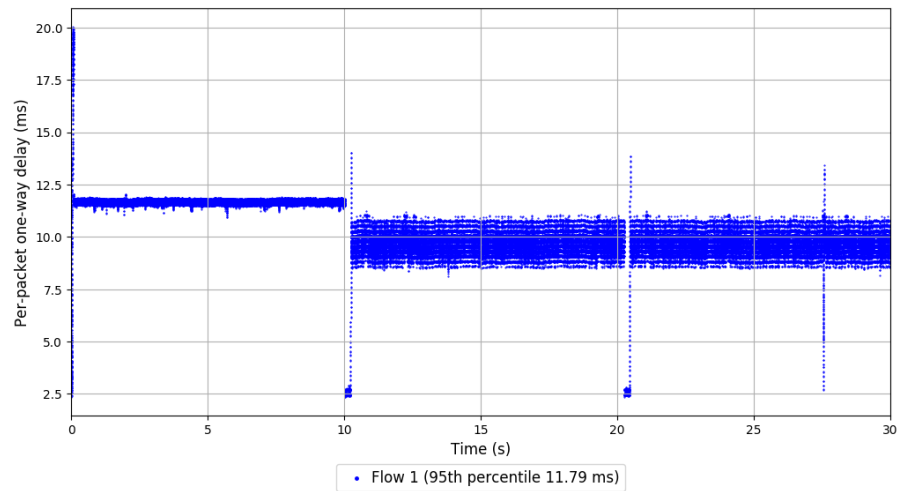
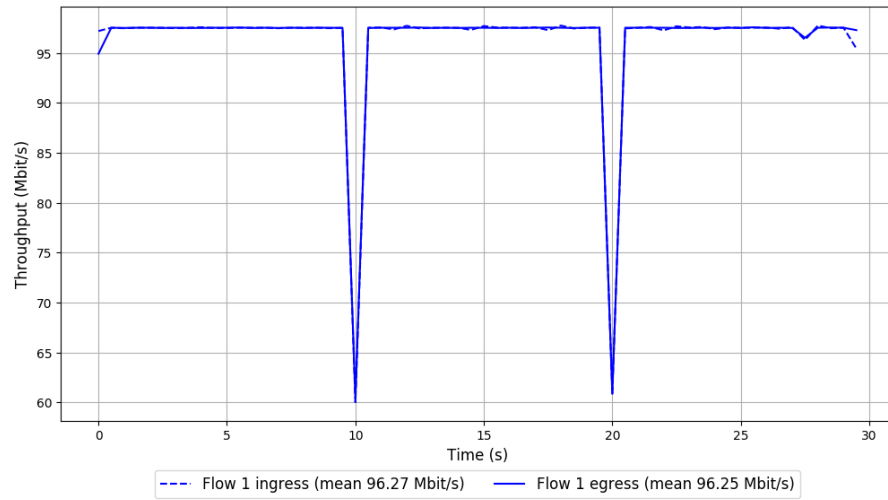
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 11.794 ms

Loss rate: 0.00%

## Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-01-16 16:12:31

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

Local clock offset: 0.954 ms

Remote clock offset: 0.493 ms

# Below is generated by plot.py at 2018-01-16 17:29:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 11.788 ms

Loss rate: 0.00%

-- Flow 1:

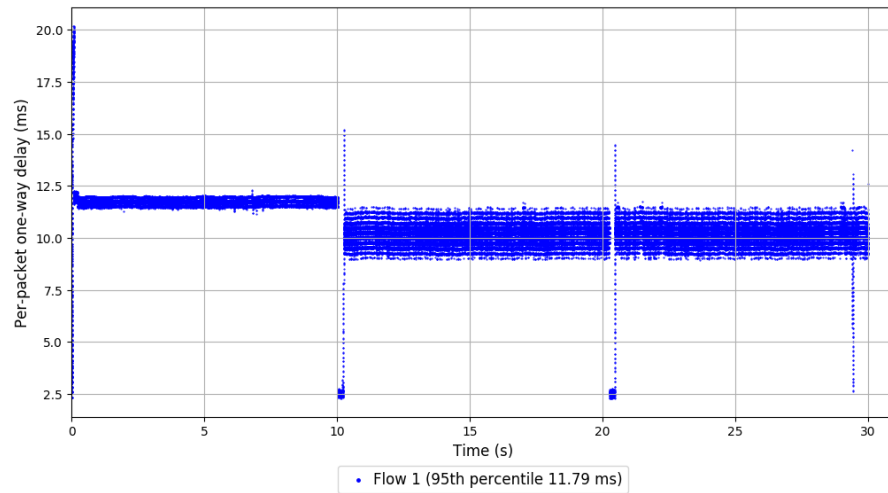
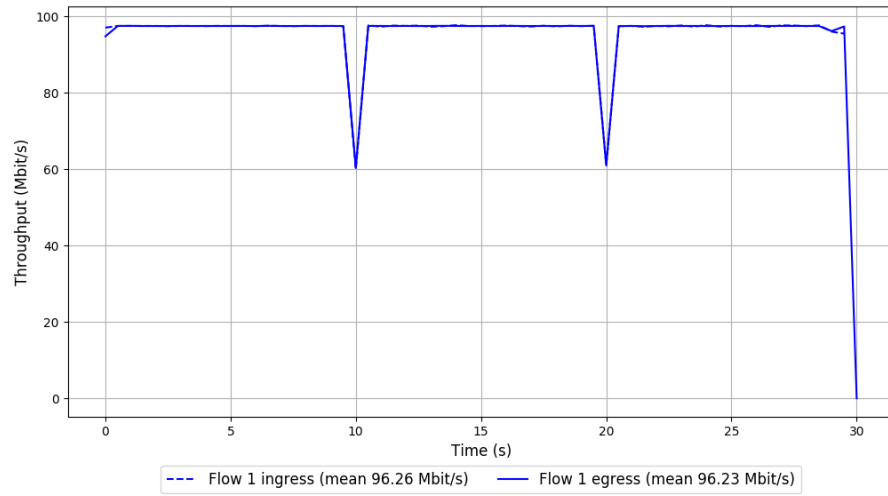
Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 11.788 ms

Loss rate: 0.00%



### Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-01-16 16:32:58

End at: 2018-01-16 16:33:28

Local clock offset: 1.145 ms

Remote clock offset: 0.307 ms

# Below is generated by plot.py at 2018-01-16 17:29:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 11.755 ms

Loss rate: 0.00%

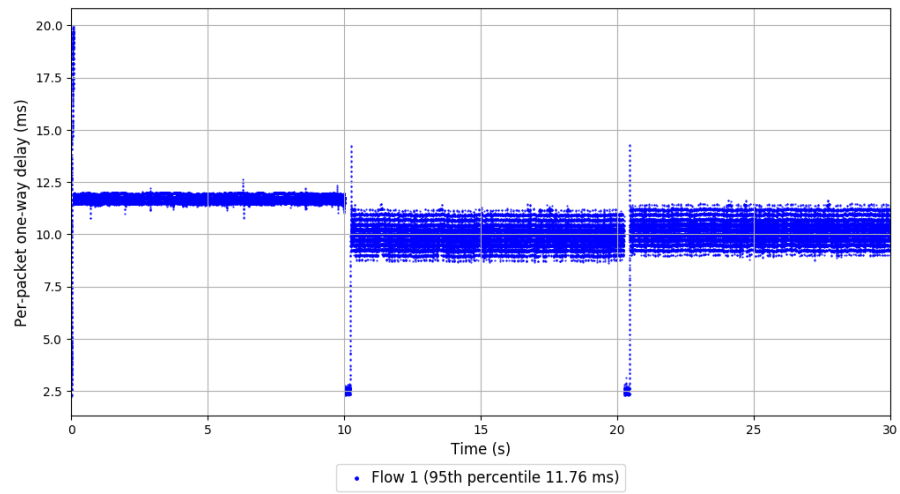
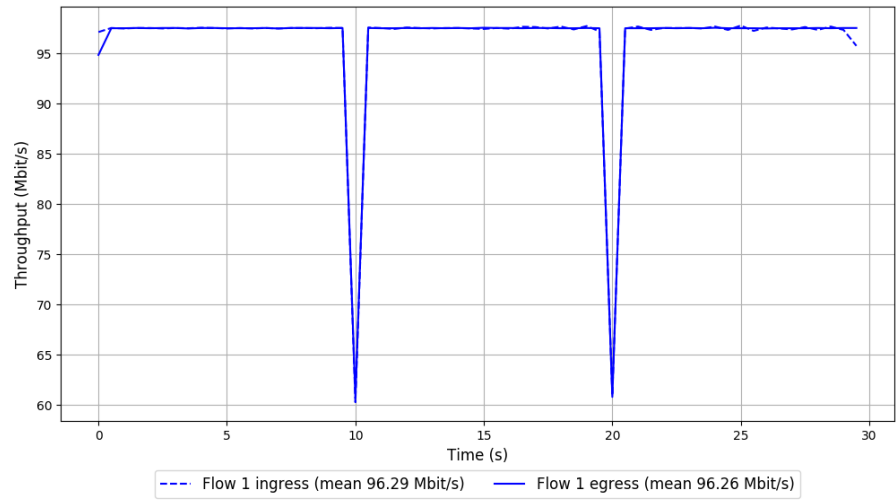
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 11.755 ms

Loss rate: 0.00%

# Run 10: Report of TCP BBR — Data Link

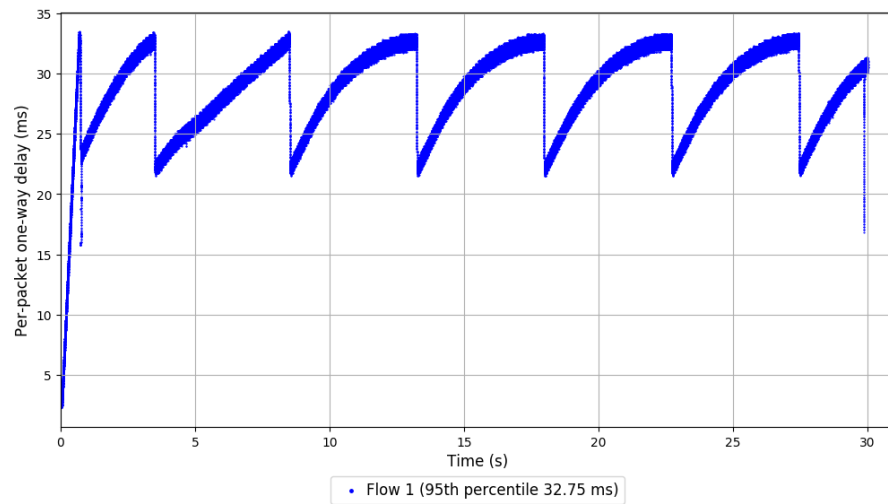
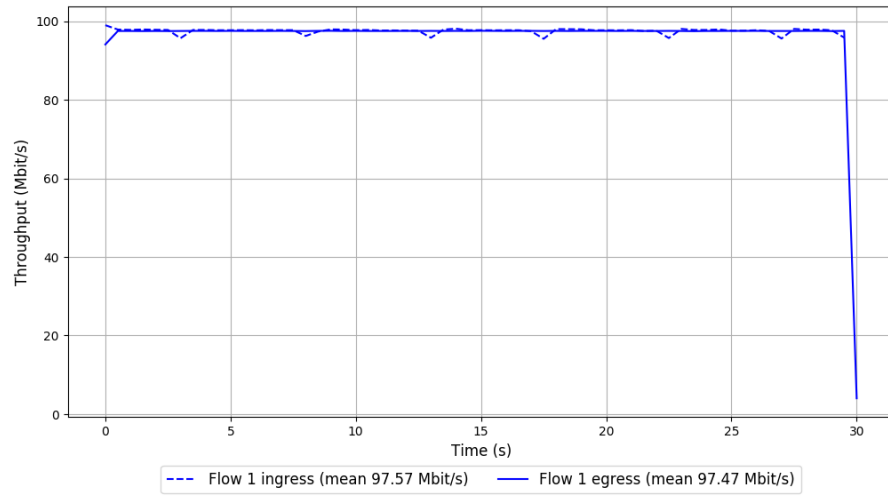


Run 1: Statistics of TCP Cubic

Start at: 2018-01-16 13:46:00  
End at: 2018-01-16 13:46:30  
Local clock offset: -2.704 ms  
Remote clock offset: -0.226 ms

# Below is generated by plot.py at 2018-01-16 17:29:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.47 Mbit/s  
95th percentile per-packet one-way delay: 32.748 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 97.47 Mbit/s  
95th percentile per-packet one-way delay: 32.748 ms  
Loss rate: 0.01%

### Run 1: Report of TCP Cubic — Data Link

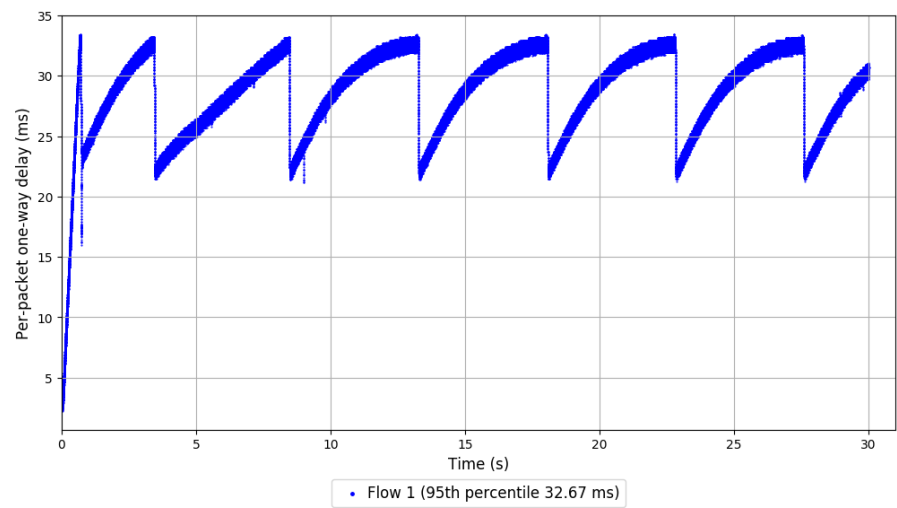
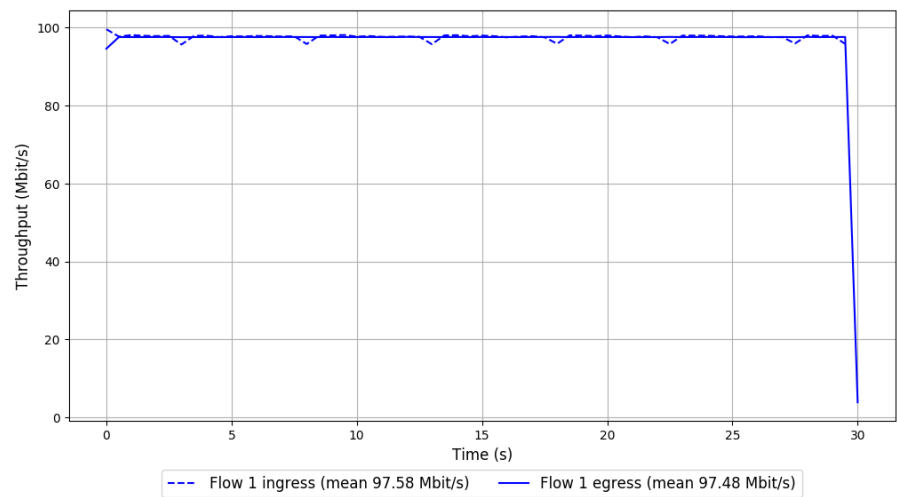


Run 2: Statistics of TCP Cubic

Start at: 2018-01-16 14:06:34  
End at: 2018-01-16 14:07:04  
Local clock offset: -2.384 ms  
Remote clock offset: -0.289 ms

# Below is generated by plot.py at 2018-01-16 17:29:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.48 Mbit/s  
95th percentile per-packet one-way delay: 32.667 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 97.48 Mbit/s  
95th percentile per-packet one-way delay: 32.667 ms  
Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-01-16 14:27:00

End at: 2018-01-16 14:27:30

Local clock offset: -1.595 ms

Remote clock offset: -0.01 ms

# Below is generated by plot.py at 2018-01-16 17:29:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.764 ms

Loss rate: 0.01%

-- Flow 1:

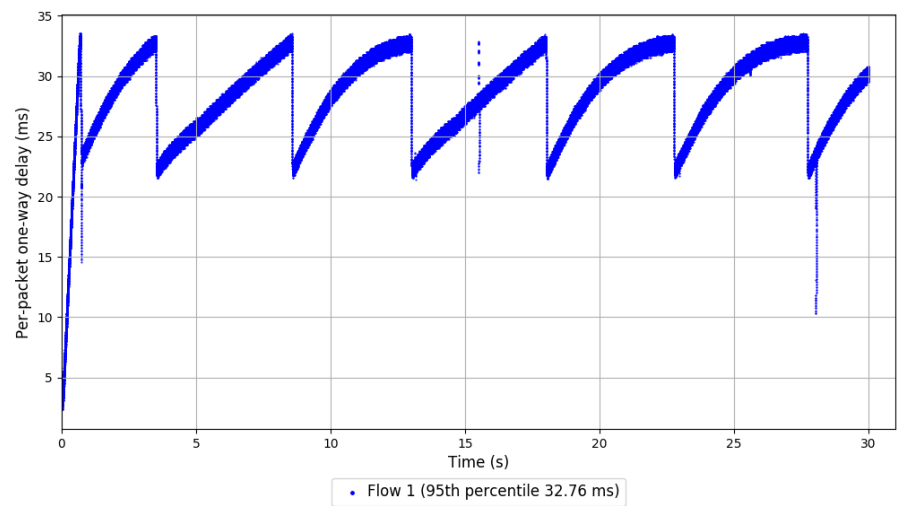
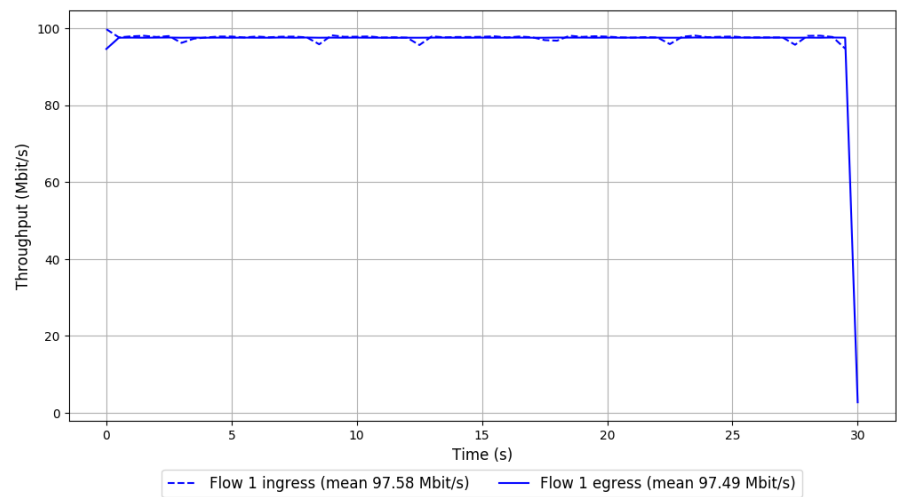
Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.764 ms

Loss rate: 0.01%



Run 3: Report of TCP Cubic — Data Link

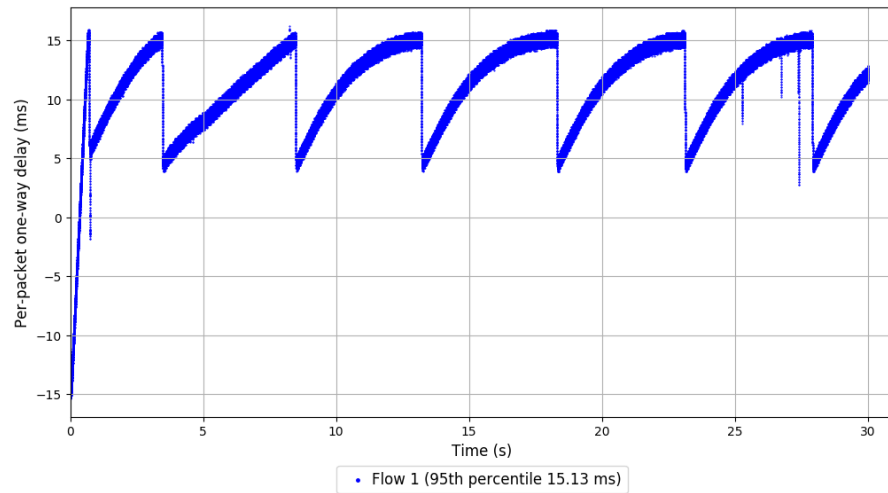
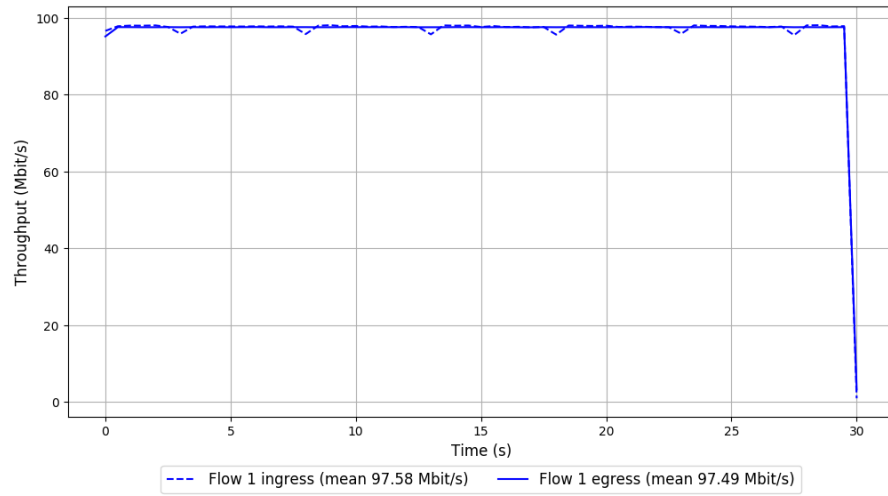


Run 4: Statistics of TCP Cubic

Start at: 2018-01-16 14:47:25  
End at: 2018-01-16 14:47:55  
Local clock offset: -0.763 ms  
Remote clock offset: -17.459 ms

# Below is generated by plot.py at 2018-01-16 17:29:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.49 Mbit/s  
95th percentile per-packet one-way delay: 15.135 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 97.49 Mbit/s  
95th percentile per-packet one-way delay: 15.135 ms  
Loss rate: 0.01%

#### Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-01-16 15:07:52

End at: 2018-01-16 15:08:22

Local clock offset: -0.196 ms

Remote clock offset: 0.303 ms

# Below is generated by plot.py at 2018-01-16 17:29:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 32.727 ms

Loss rate: 0.01%

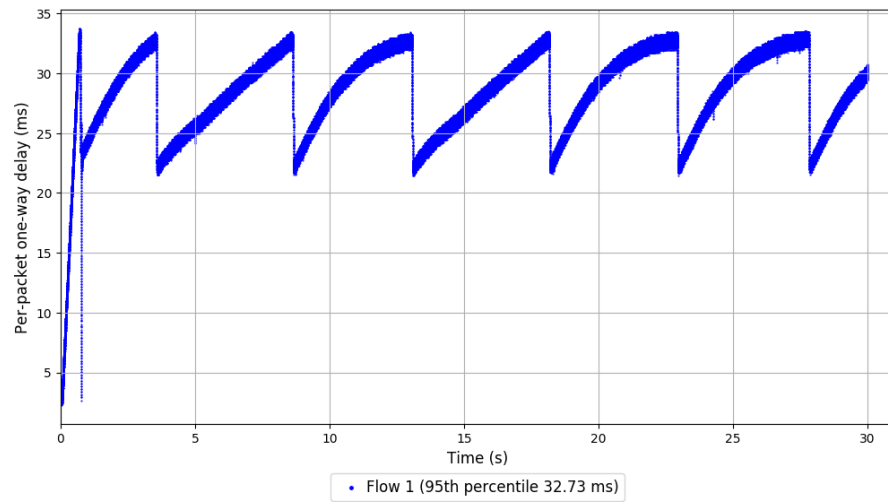
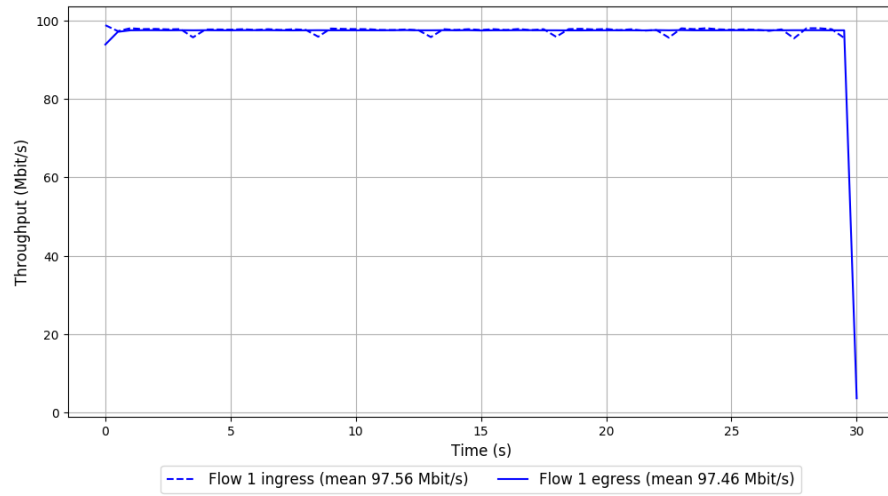
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 32.727 ms

Loss rate: 0.01%

### Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-01-16 15:28:24

End at: 2018-01-16 15:28:54

Local clock offset: 0.259 ms

Remote clock offset: 0.499 ms

# Below is generated by plot.py at 2018-01-16 17:29:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.805 ms

Loss rate: 0.01%

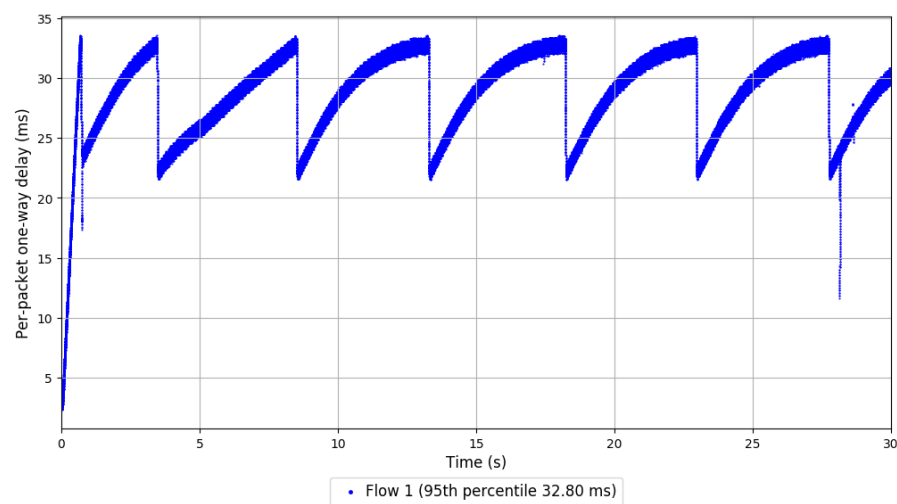
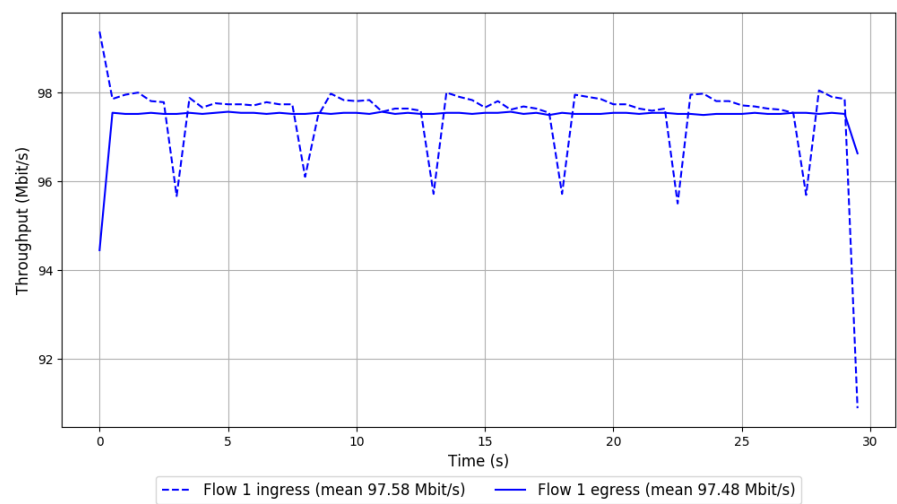
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.805 ms

Loss rate: 0.01%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-01-16 15:48:46

End at: 2018-01-16 15:49:16

Local clock offset: 0.639 ms

Remote clock offset: 0.573 ms

# Below is generated by plot.py at 2018-01-16 17:31:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.794 ms

Loss rate: 0.01%

-- Flow 1:

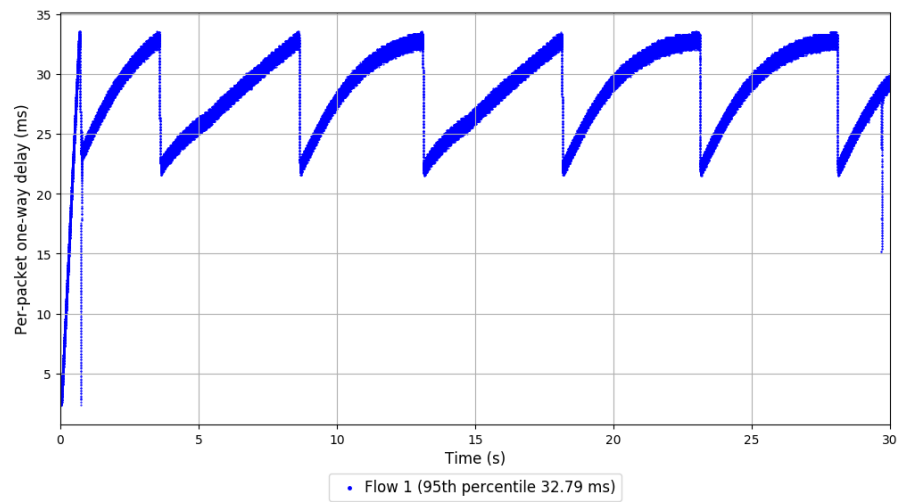
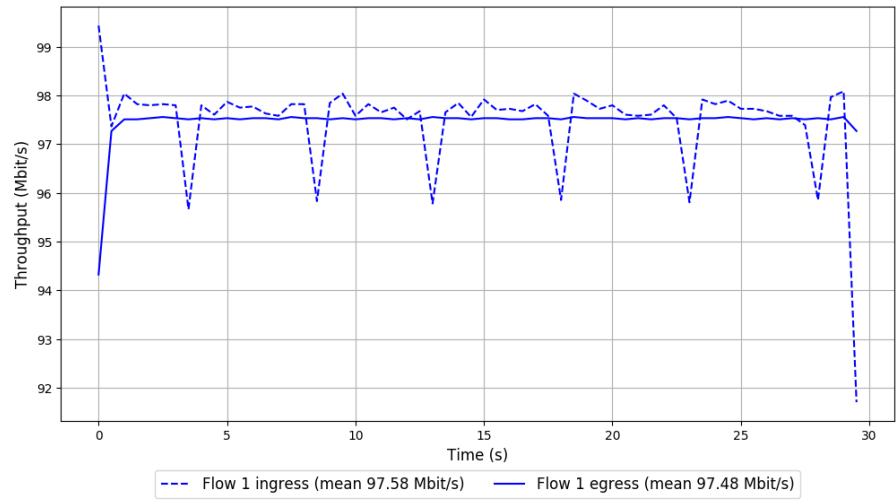
Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.794 ms

Loss rate: 0.01%



### Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-01-16 16:09:08

End at: 2018-01-16 16:09:38

Local clock offset: 0.927 ms

Remote clock offset: 0.539 ms

# Below is generated by plot.py at 2018-01-16 17:31:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.739 ms

Loss rate: 0.01%

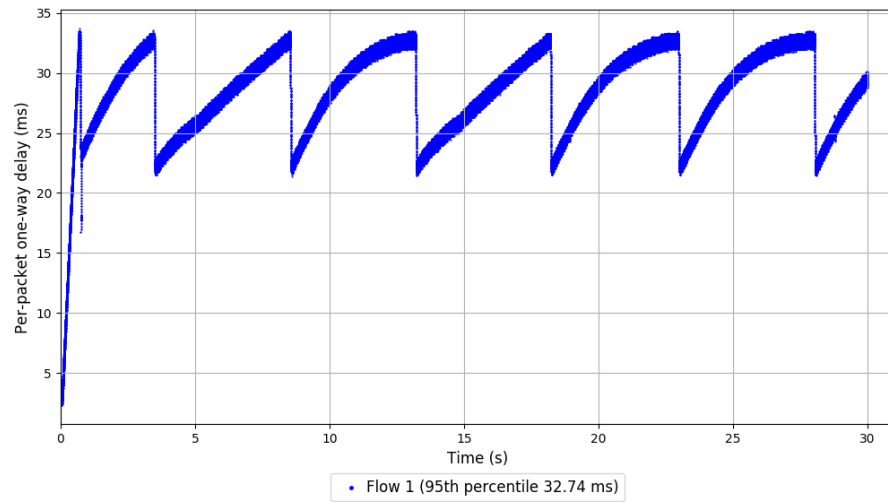
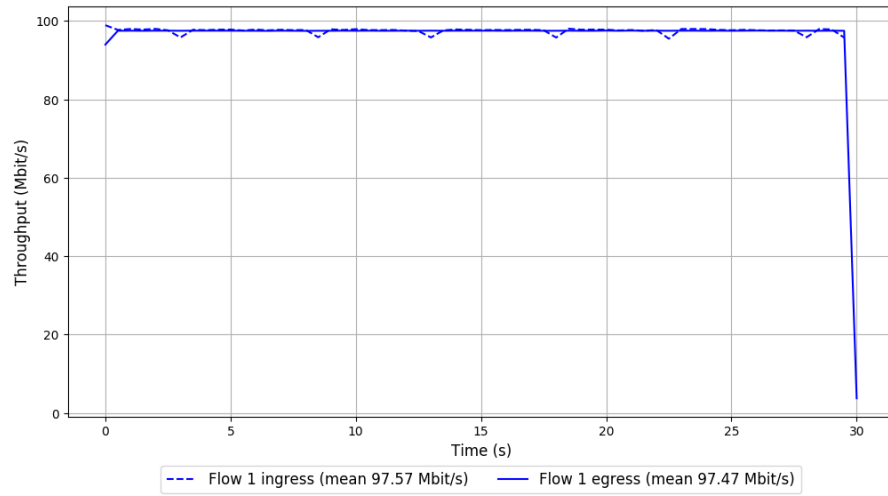
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.739 ms

Loss rate: 0.01%

### Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-01-16 16:29:36

End at: 2018-01-16 16:30:06

Local clock offset: 1.118 ms

Remote clock offset: 0.327 ms

# Below is generated by plot.py at 2018-01-16 17:31:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.701 ms

Loss rate: 0.01%

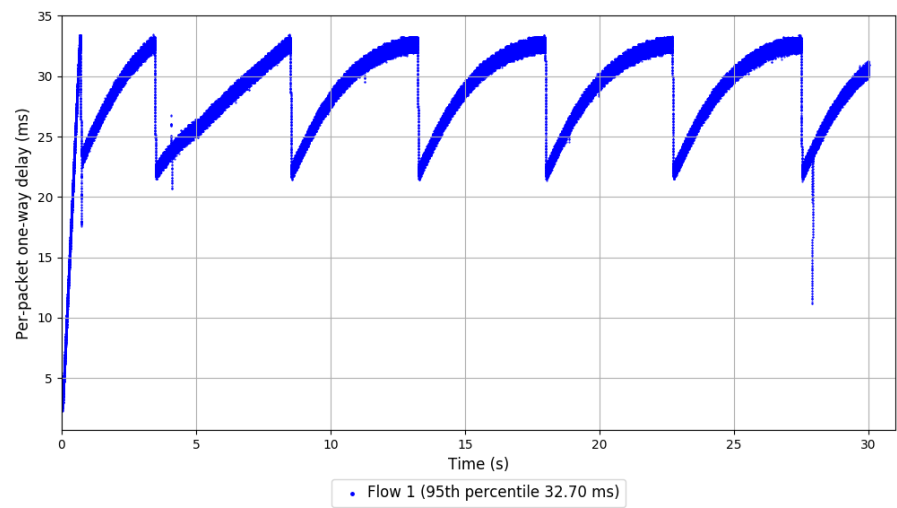
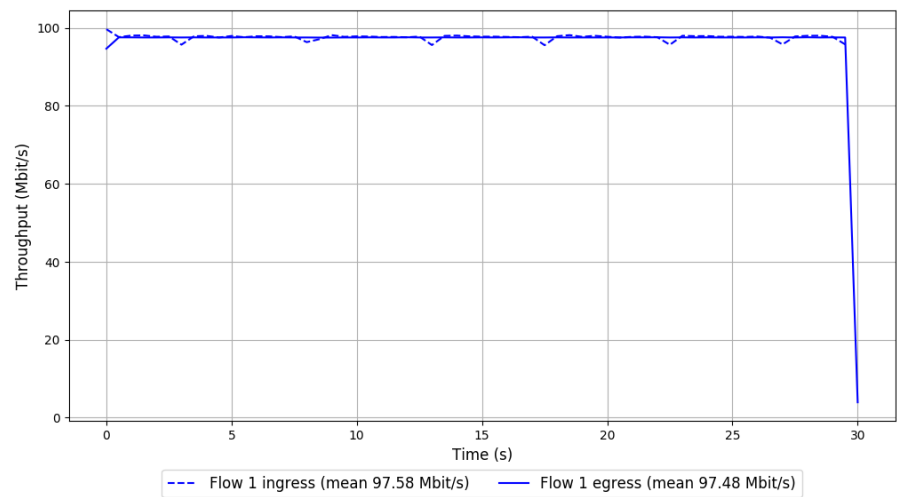
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.701 ms

Loss rate: 0.01%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-01-16 16:50:03

End at: 2018-01-16 16:50:33

Local clock offset: 1.279 ms

Remote clock offset: 0.067 ms

# Below is generated by plot.py at 2018-01-16 17:31:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.737 ms

Loss rate: 0.01%

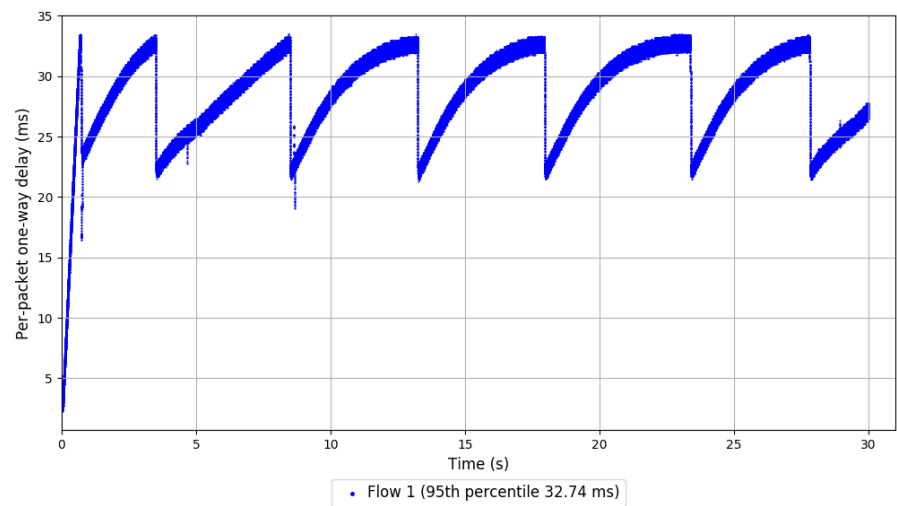
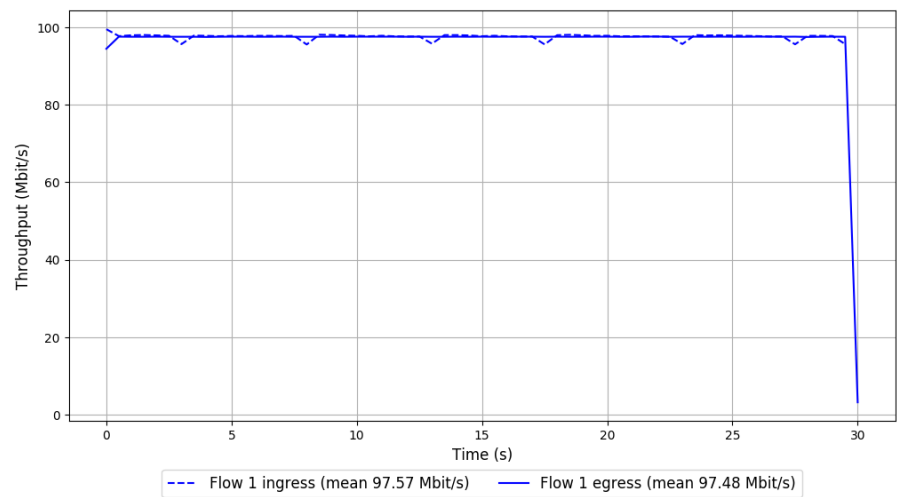
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.737 ms

Loss rate: 0.01%

Run 10: Report of TCP Cubic — Data Link



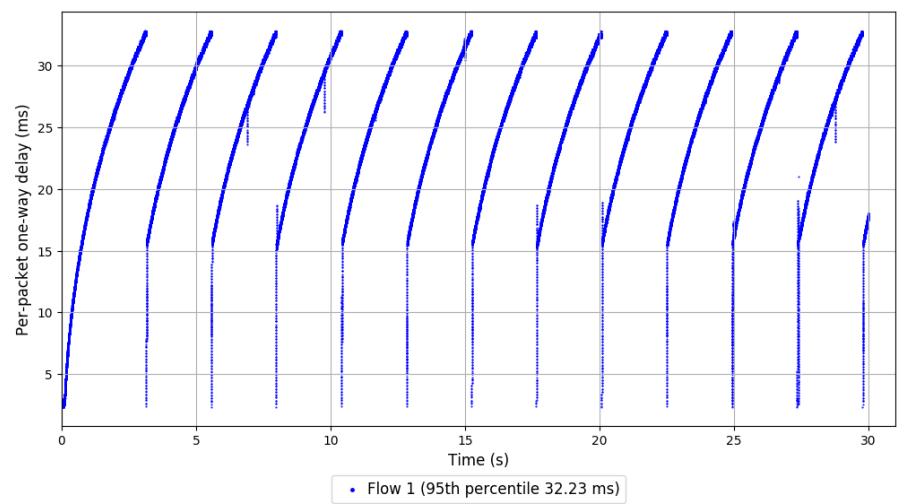
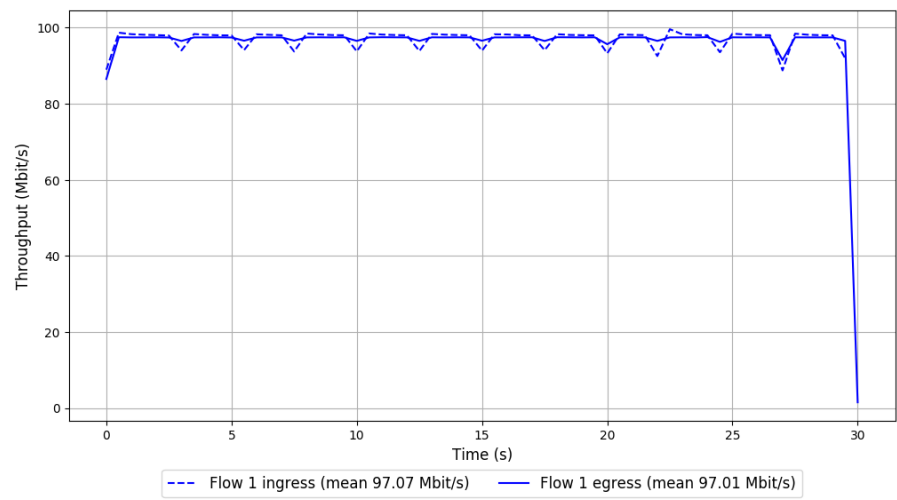
```
Run 1: Statistics of LEDBAT

Start at: 2018-01-16 13:27:41
End at: 2018-01-16 13:28:11
Local clock offset: -2.861 ms
Remote clock offset: 0.397 ms

# Below is generated by plot.py at 2018-01-16 17:31:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 32.225 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 32.225 ms
Loss rate: 0.01%
```



Run 1: Report of LEDBAT — Data Link

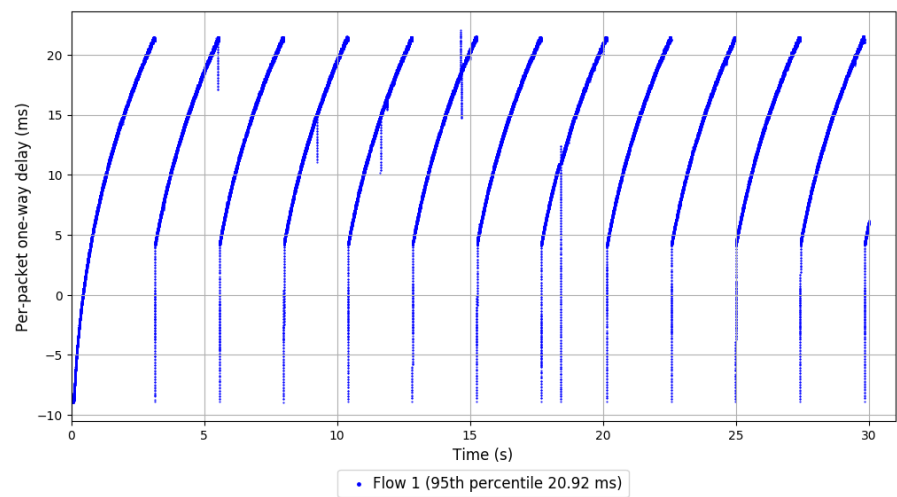
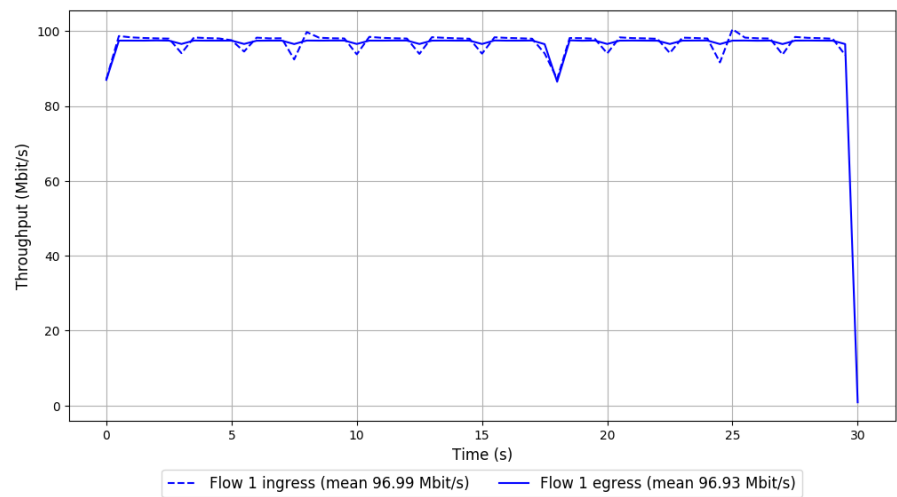


Run 2: Statistics of LEDBAT

Start at: 2018-01-16 13:48:12  
End at: 2018-01-16 13:48:42  
Local clock offset: -2.657 ms  
Remote clock offset: -11.555 ms

# Below is generated by plot.py at 2018-01-16 17:31:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.93 Mbit/s  
95th percentile per-packet one-way delay: 20.920 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 96.93 Mbit/s  
95th percentile per-packet one-way delay: 20.920 ms  
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link

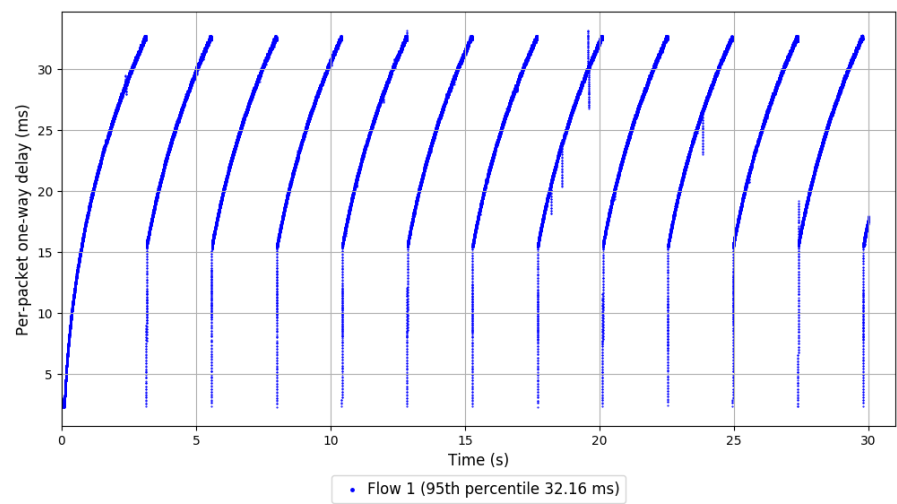
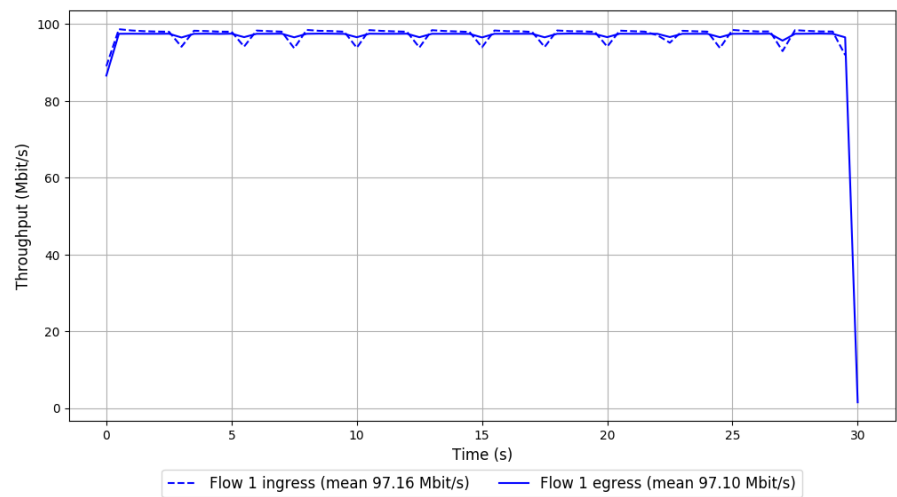


Run 3: Statistics of LEDBAT

Start at: 2018-01-16 14:08:46  
End at: 2018-01-16 14:09:16  
Local clock offset: -2.381 ms  
Remote clock offset: -0.252 ms

# Below is generated by plot.py at 2018-01-16 17:31:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.10 Mbit/s  
95th percentile per-packet one-way delay: 32.159 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 97.10 Mbit/s  
95th percentile per-packet one-way delay: 32.159 ms  
Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-01-16 14:29:13

End at: 2018-01-16 14:29:43

Local clock offset: -1.46 ms

Remote clock offset: 0.003 ms

# Below is generated by plot.py at 2018-01-16 17:31:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.204 ms

Loss rate: 0.01%

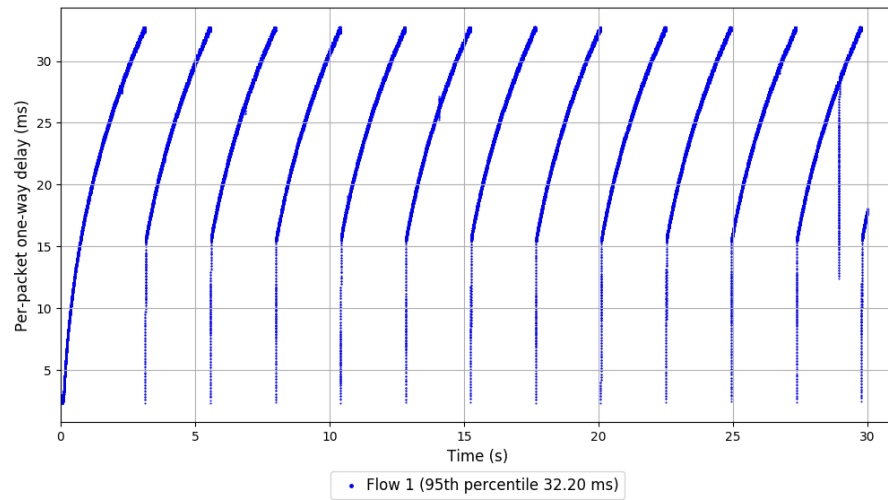
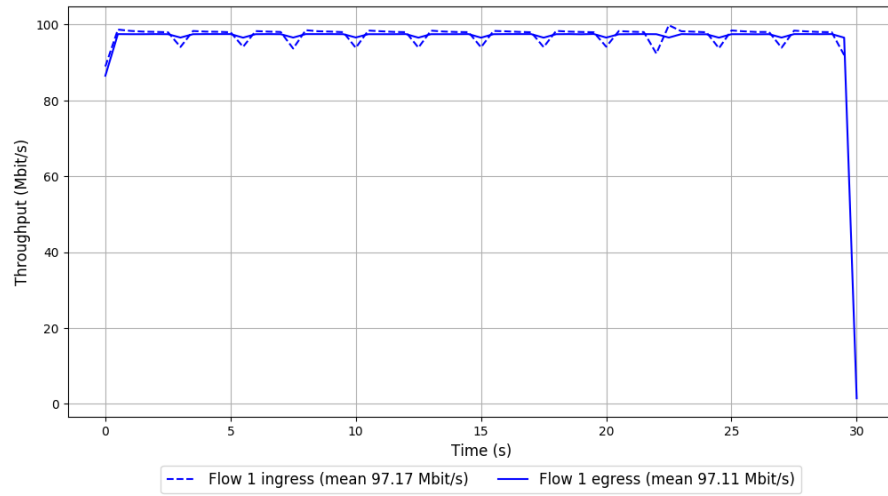
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.204 ms

Loss rate: 0.01%

#### Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-01-16 14:49:37

End at: 2018-01-16 14:50:07

Local clock offset: -0.721 ms

Remote clock offset: 0.163 ms

# Below is generated by plot.py at 2018-01-16 17:32:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.192 ms

Loss rate: 0.01%

-- Flow 1:

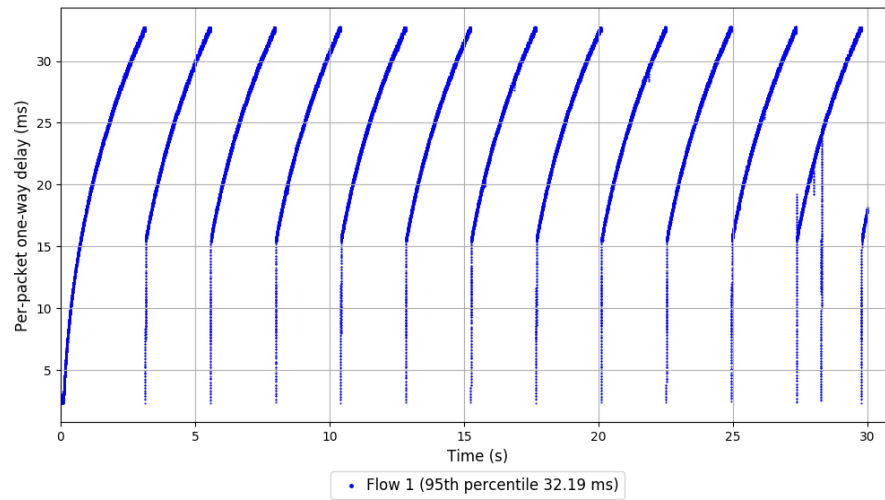
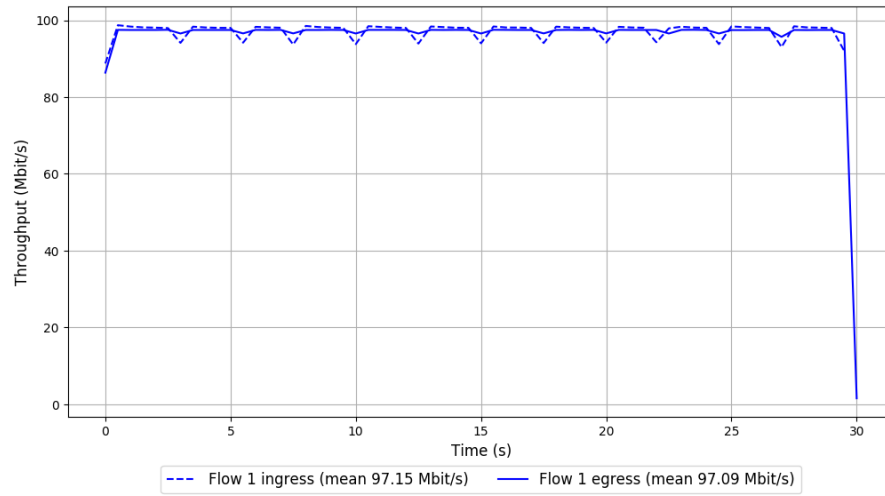
Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.192 ms

Loss rate: 0.01%



### Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-01-16 15:10:04

End at: 2018-01-16 15:10:34

Local clock offset: -0.142 ms

Remote clock offset: 0.339 ms

# Below is generated by plot.py at 2018-01-16 17:32:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 32.169 ms

Loss rate: 0.01%

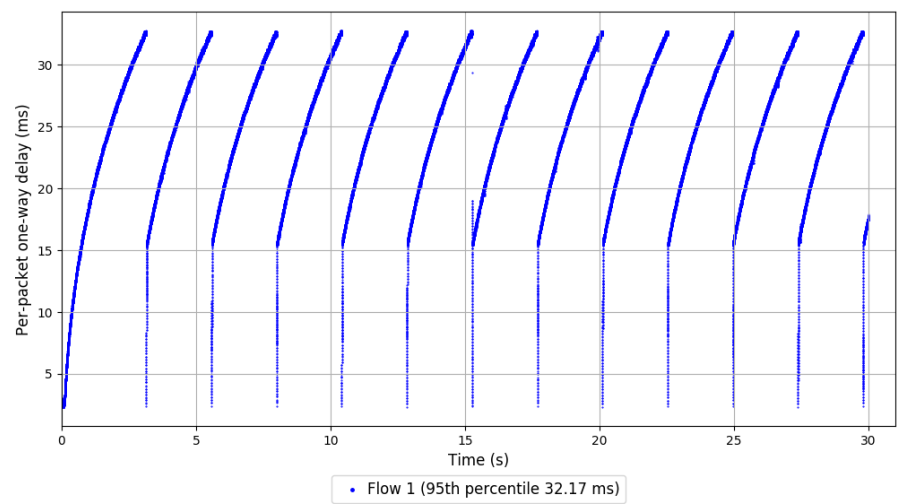
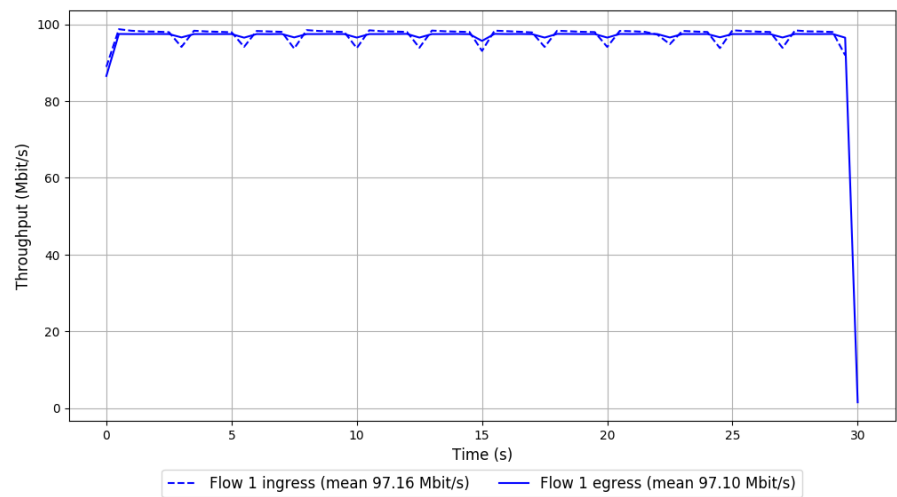
-- Flow 1:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 32.169 ms

Loss rate: 0.01%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-01-16 15:30:36

End at: 2018-01-16 15:31:06

Local clock offset: 0.323 ms

Remote clock offset: 0.432 ms

# Below is generated by plot.py at 2018-01-16 17:32:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.15 Mbit/s

95th percentile per-packet one-way delay: 36.705 ms

Loss rate: 0.06%

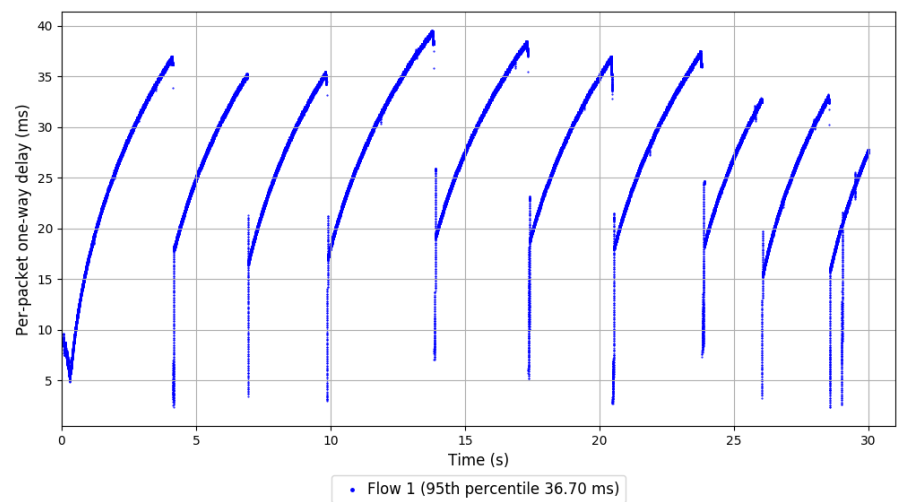
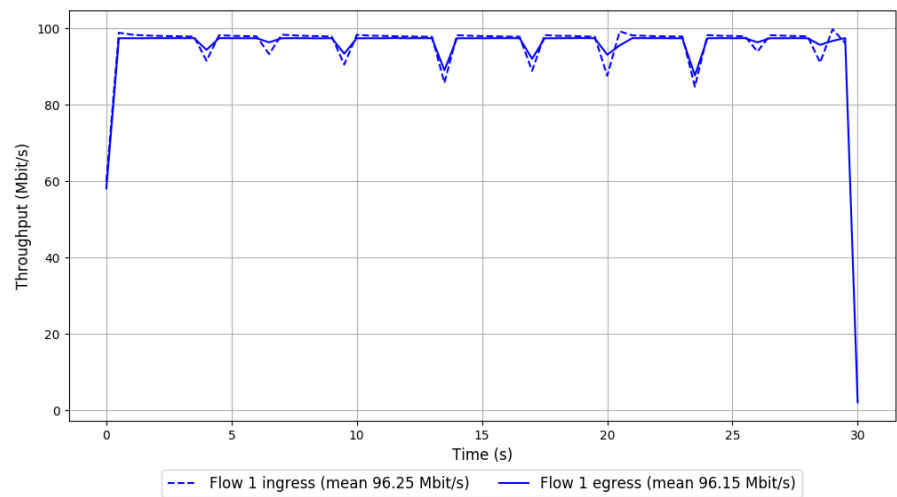
-- Flow 1:

Average throughput: 96.15 Mbit/s

95th percentile per-packet one-way delay: 36.705 ms

Loss rate: 0.06%

Run 7: Report of LEDBAT — Data Link

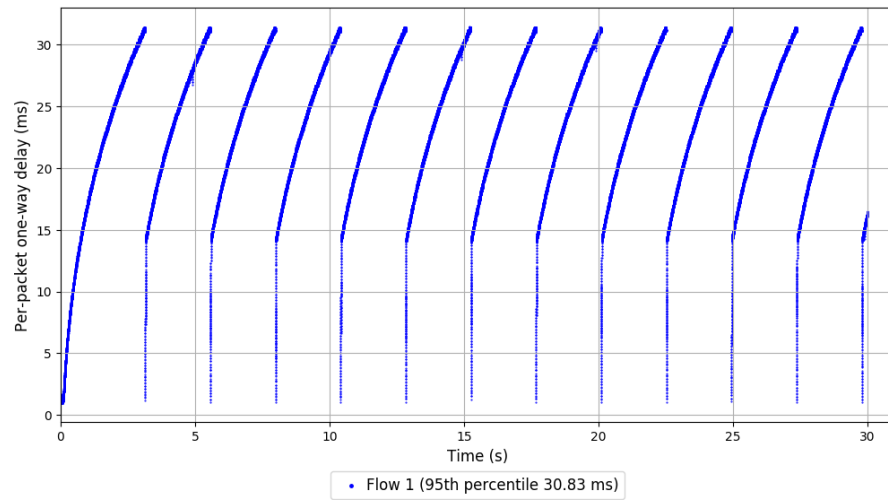
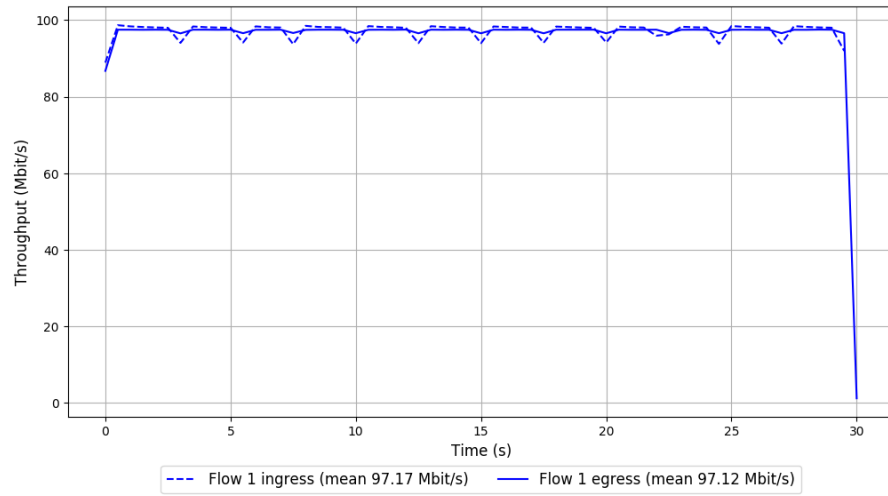


Run 8: Statistics of LEDBAT

Start at: 2018-01-16 15:50:58  
End at: 2018-01-16 15:51:28  
Local clock offset: 0.751 ms  
Remote clock offset: -0.731 ms

# Below is generated by plot.py at 2018-01-16 17:32:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.12 Mbit/s  
95th percentile per-packet one-way delay: 30.830 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 97.12 Mbit/s  
95th percentile per-packet one-way delay: 30.830 ms  
Loss rate: 0.01%

## Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-01-16 16:11:21

End at: 2018-01-16 16:11:51

Local clock offset: 0.945 ms

Remote clock offset: 0.508 ms

# Below is generated by plot.py at 2018-01-16 17:32:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 32.155 ms

Loss rate: 0.01%

-- Flow 1:

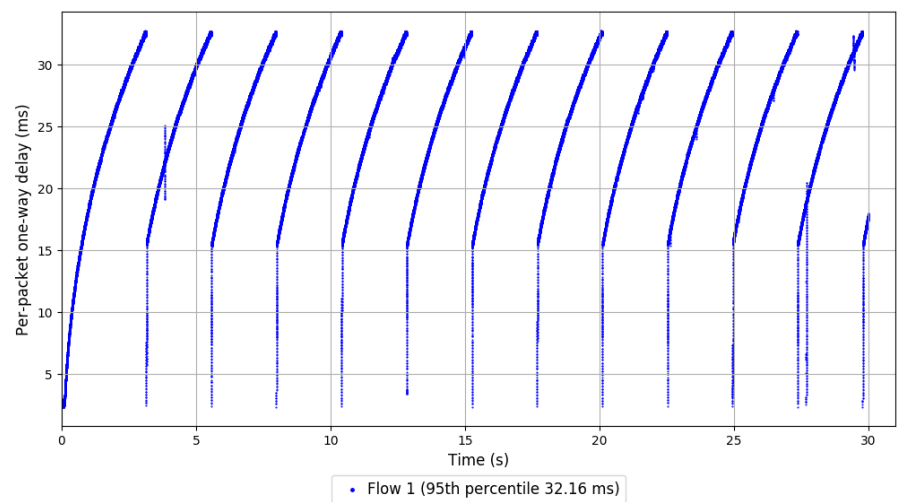
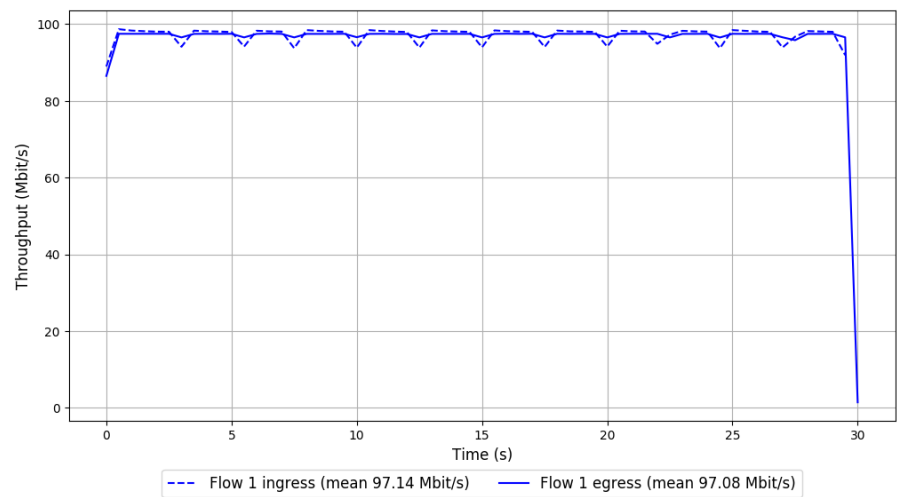
Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 32.155 ms

Loss rate: 0.01%



Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-01-16 16:31:49

End at: 2018-01-16 16:32:19

Local clock offset: 1.119 ms

Remote clock offset: 0.336 ms

# Below is generated by plot.py at 2018-01-16 17:32:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.209 ms

Loss rate: 0.01%

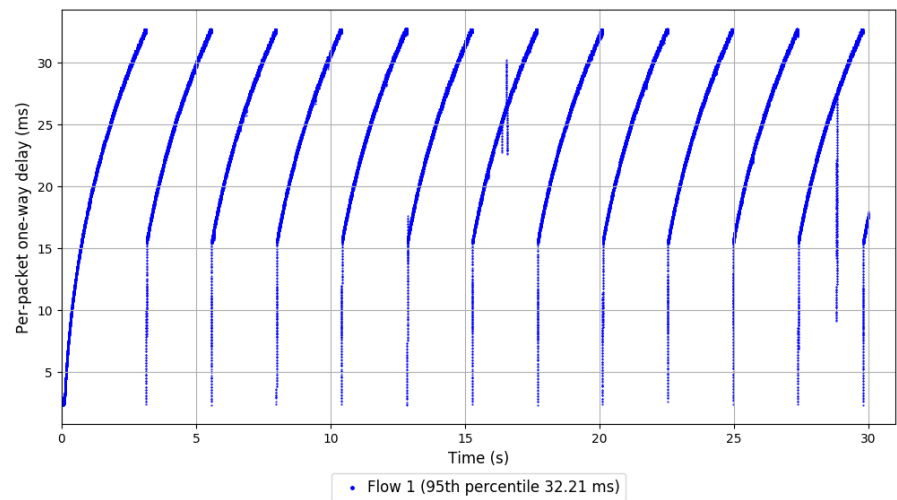
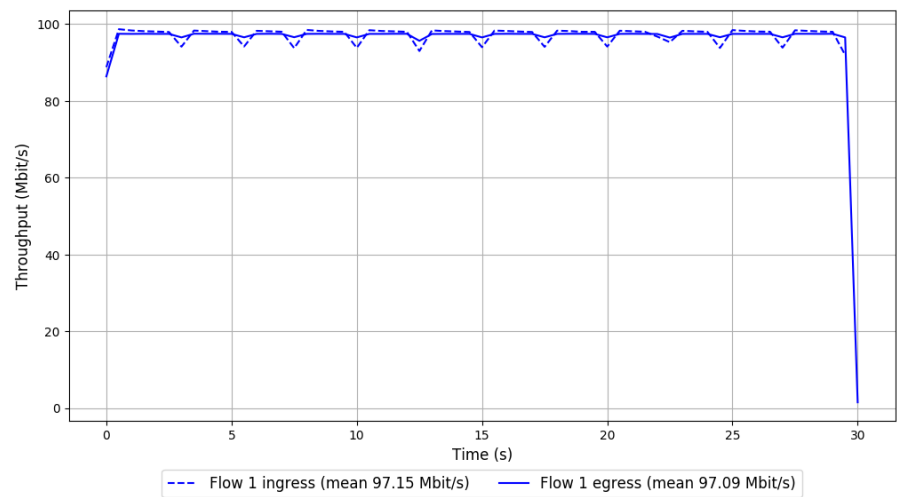
-- Flow 1:

Average throughput: 97.09 Mbit/s

95th percentile per-packet one-way delay: 32.209 ms

Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

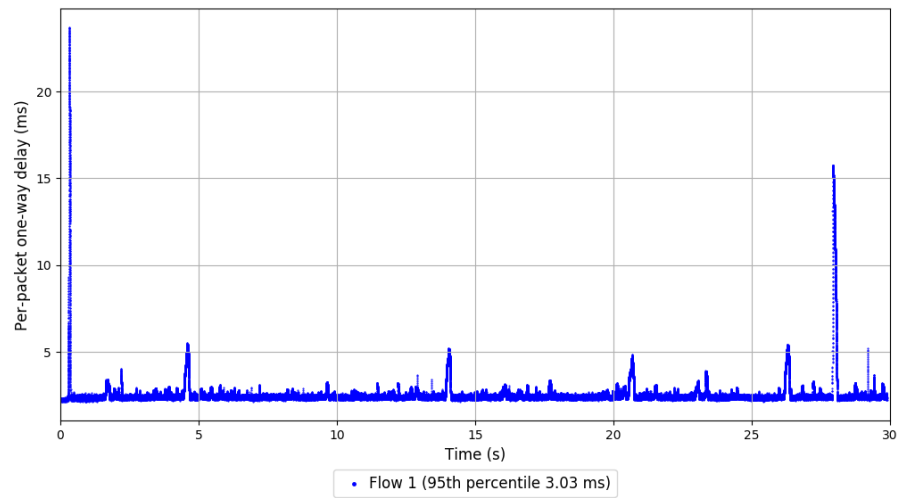
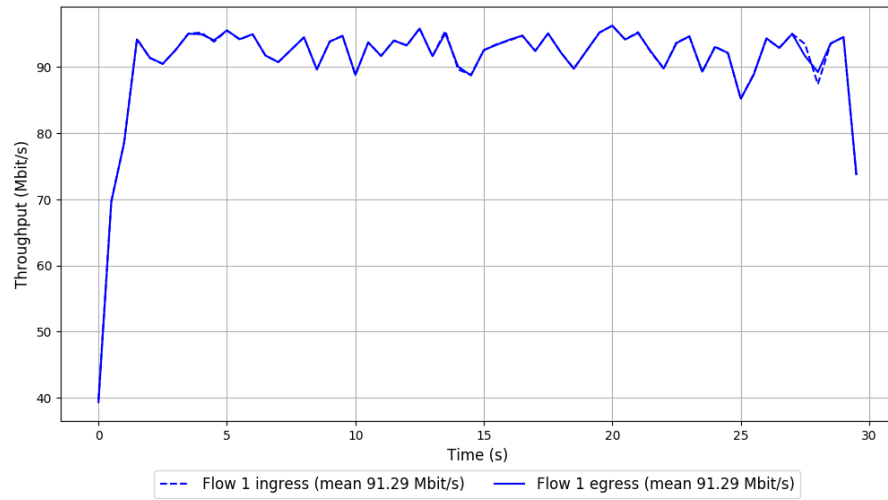


```
Run 1: Statistics of PCC

Start at: 2018-01-16 13:31:10
End at: 2018-01-16 13:31:40
Local clock offset: -2.889 ms
Remote clock offset: 0.241 ms

# Below is generated by plot.py at 2018-01-16 17:32:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 3.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 3.026 ms
Loss rate: 0.00%
```

### Run 1: Report of PCC — Data Link

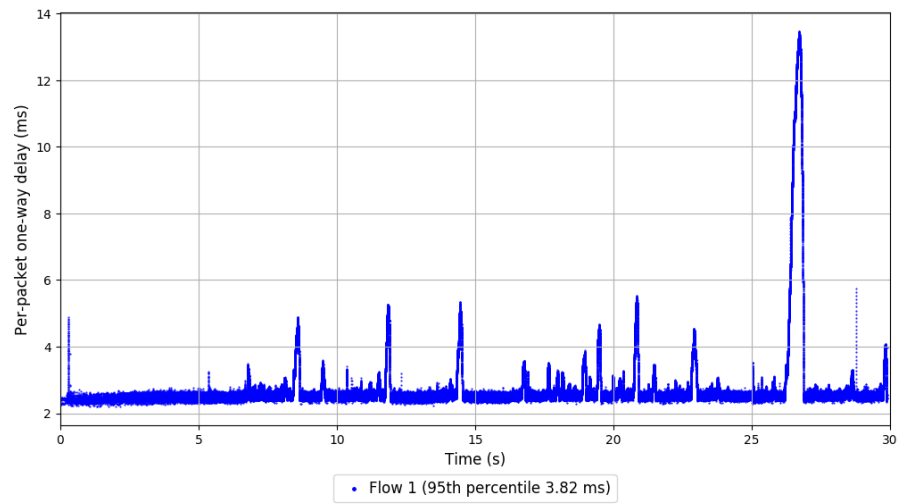
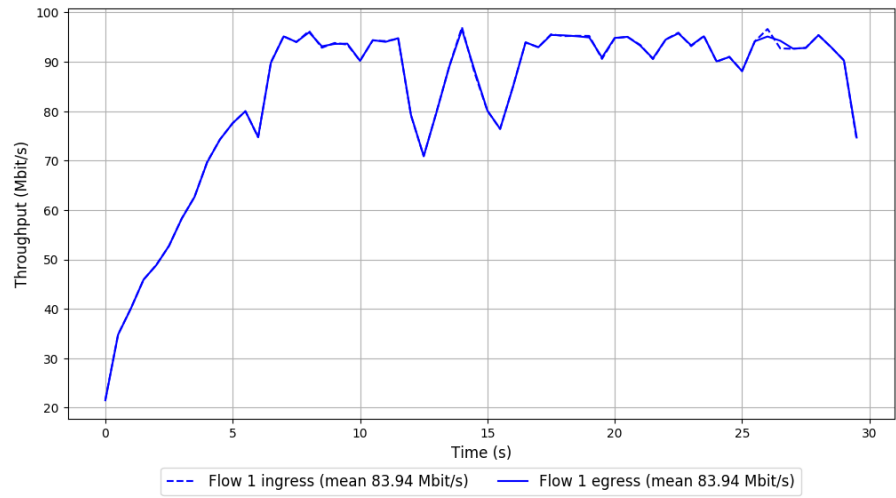


Run 2: Statistics of PCC

Start at: 2018-01-16 13:51:41  
End at: 2018-01-16 13:52:12  
Local clock offset: -2.654 ms  
Remote clock offset: -0.423 ms

# Below is generated by plot.py at 2018-01-16 17:32:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 83.94 Mbit/s  
95th percentile per-packet one-way delay: 3.822 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 83.94 Mbit/s  
95th percentile per-packet one-way delay: 3.822 ms  
Loss rate: 0.00%

## Run 2: Report of PCC — Data Link



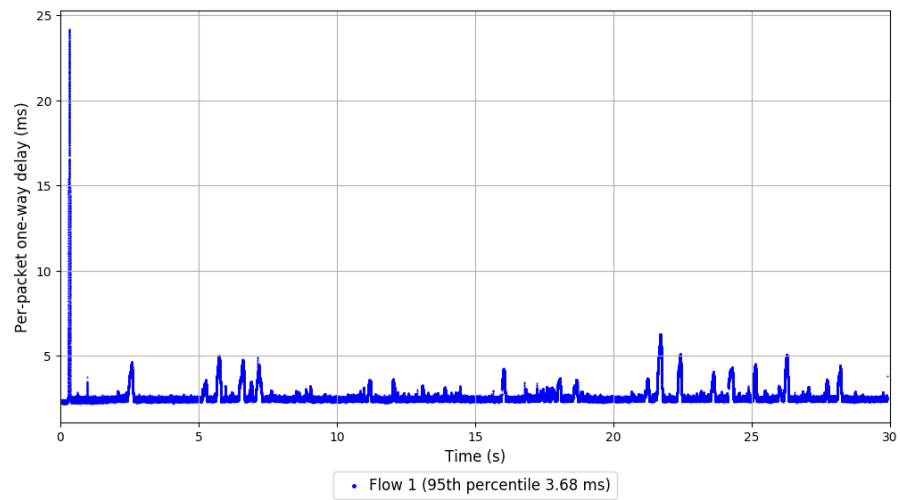
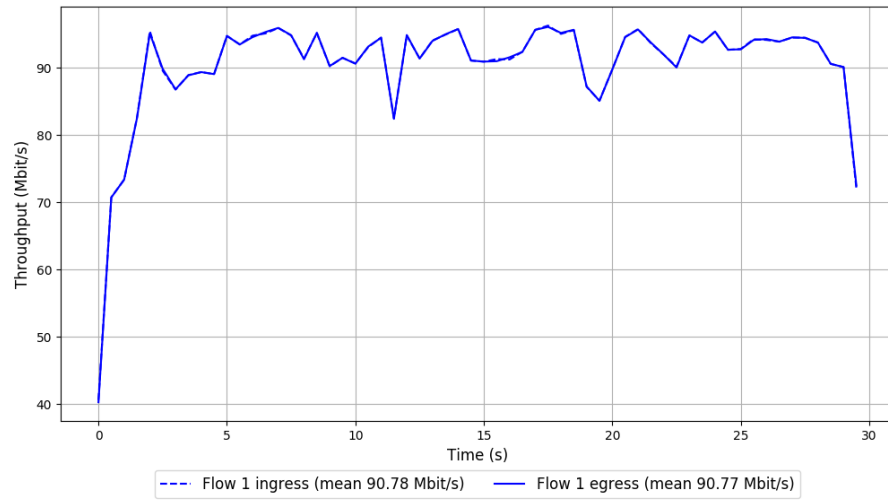
Run 3: Statistics of PCC

Start at: 2018-01-16 14:12:15  
End at: 2018-01-16 14:12:45  
Local clock offset: -2.208 ms  
Remote clock offset: -0.188 ms

# Below is generated by plot.py at 2018-01-16 17:33:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.77 Mbit/s  
95th percentile per-packet one-way delay: 3.677 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 90.77 Mbit/s  
95th percentile per-packet one-way delay: 3.677 ms  
Loss rate: 0.00%



### Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-01-16 14:32:42

End at: 2018-01-16 14:33:12

Local clock offset: -1.295 ms

Remote clock offset: 0.022 ms

# Below is generated by plot.py at 2018-01-16 17:33:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.40 Mbit/s

95th percentile per-packet one-way delay: 2.867 ms

Loss rate: 0.00%

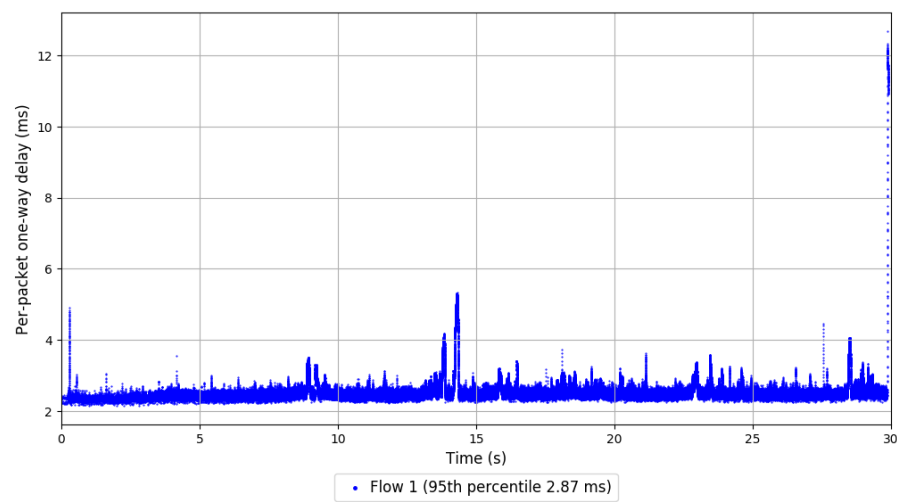
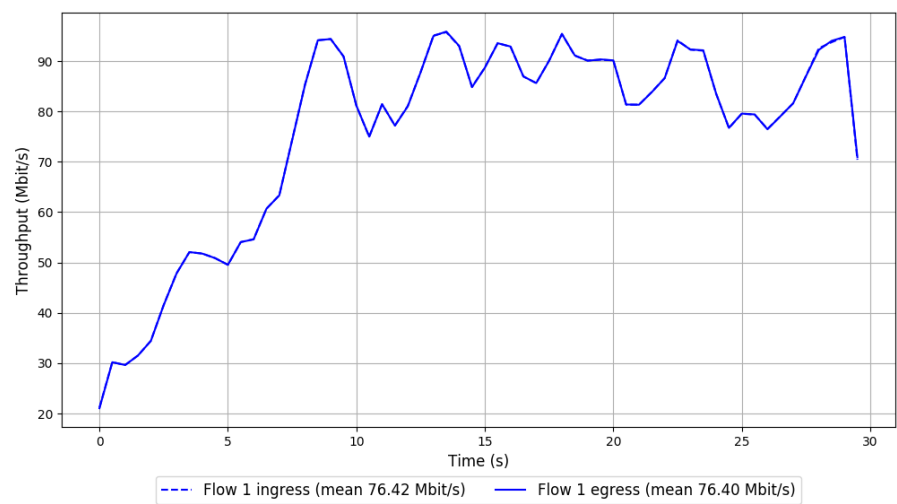
-- Flow 1:

Average throughput: 76.40 Mbit/s

95th percentile per-packet one-way delay: 2.867 ms

Loss rate: 0.00%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-01-16 14:53:06

End at: 2018-01-16 14:53:36

Local clock offset: -0.61 ms

Remote clock offset: 0.118 ms

# Below is generated by plot.py at 2018-01-16 17:34:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.10 Mbit/s

95th percentile per-packet one-way delay: 3.820 ms

Loss rate: 0.00%

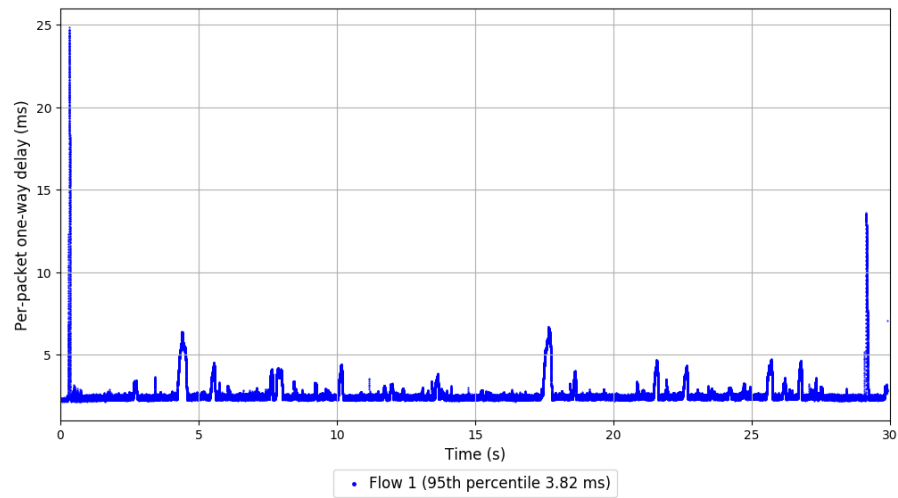
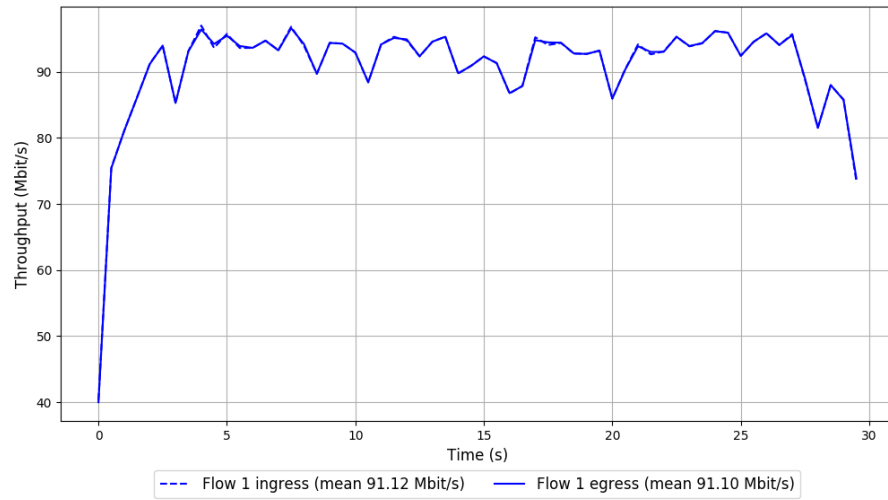
-- Flow 1:

Average throughput: 91.10 Mbit/s

95th percentile per-packet one-way delay: 3.820 ms

Loss rate: 0.00%

### Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-01-16 15:13:32

End at: 2018-01-16 15:14:02

Local clock offset: -0.046 ms

Remote clock offset: 0.372 ms

# Below is generated by plot.py at 2018-01-16 17:34:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.74 Mbit/s

95th percentile per-packet one-way delay: 3.996 ms

Loss rate: 0.00%

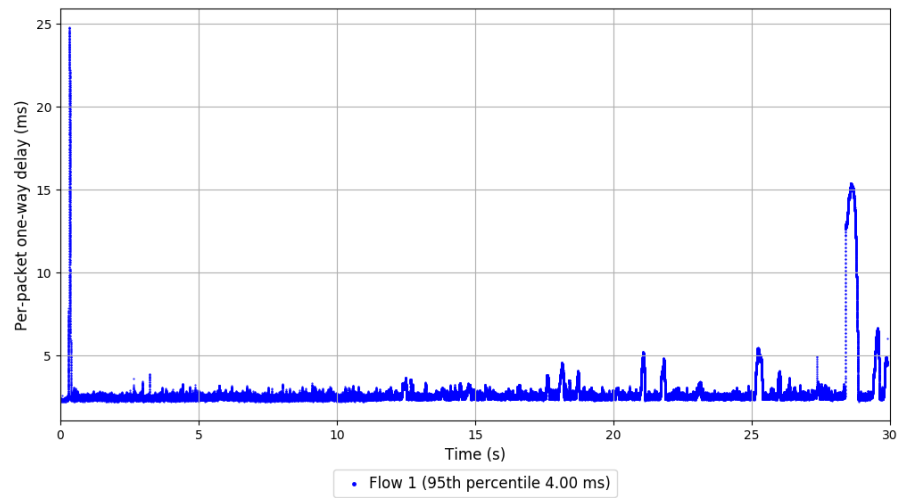
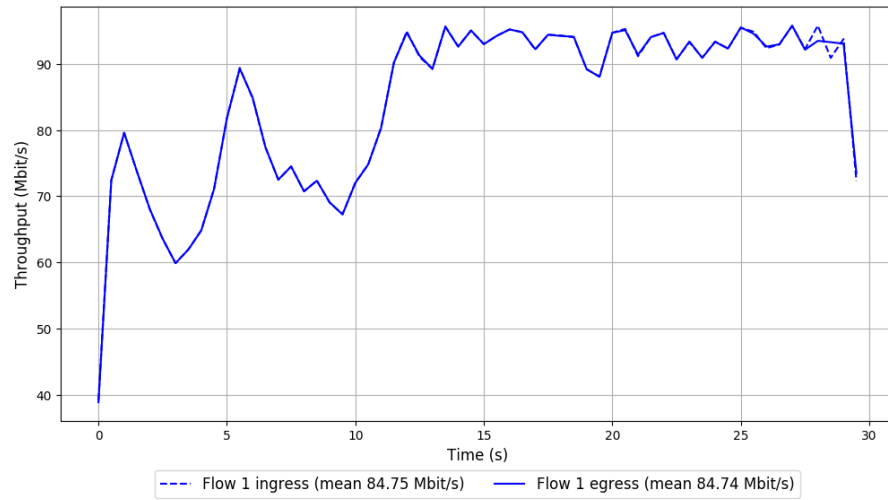
-- Flow 1:

Average throughput: 84.74 Mbit/s

95th percentile per-packet one-way delay: 3.996 ms

Loss rate: 0.00%

## Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-01-16 15:34:05

End at: 2018-01-16 15:34:35

Local clock offset: 0.474 ms

Remote clock offset: 0.496 ms

# Below is generated by plot.py at 2018-01-16 17:34:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.69 Mbit/s

95th percentile per-packet one-way delay: 3.166 ms

Loss rate: 0.00%

-- Flow 1:

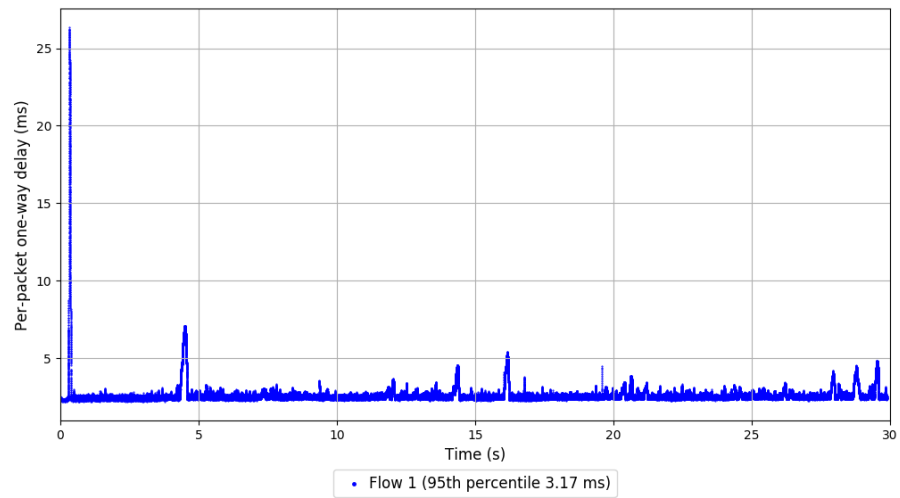
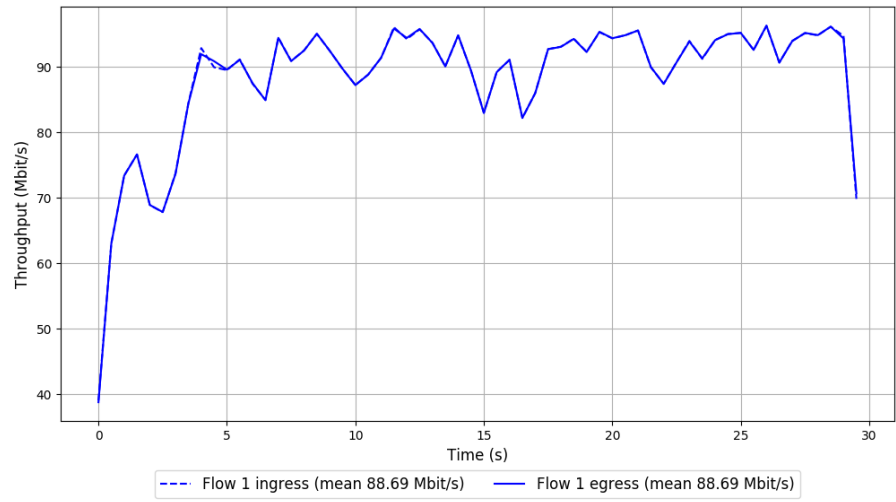
Average throughput: 88.69 Mbit/s

95th percentile per-packet one-way delay: 3.166 ms

Loss rate: 0.00%



### Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-01-16 15:54:27

End at: 2018-01-16 15:54:57

Local clock offset: 0.795 ms

Remote clock offset: 0.612 ms

# Below is generated by plot.py at 2018-01-16 17:34:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.43 Mbit/s

95th percentile per-packet one-way delay: 3.073 ms

Loss rate: 0.00%

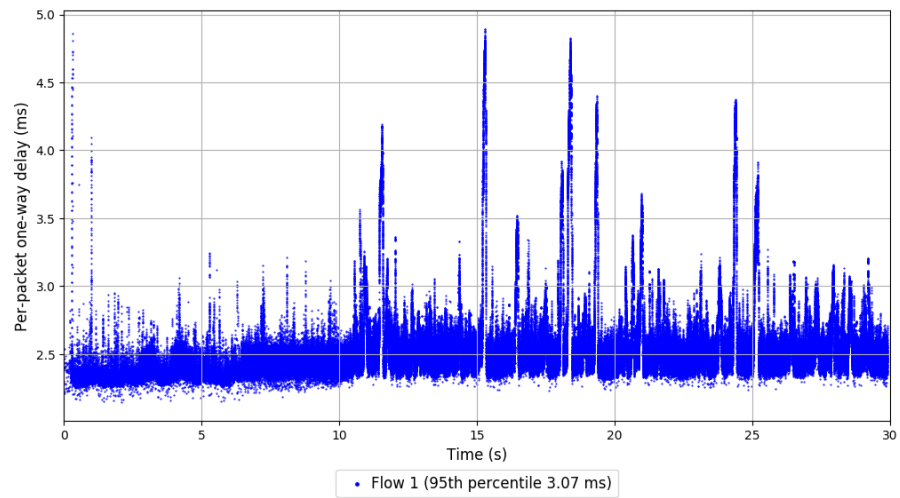
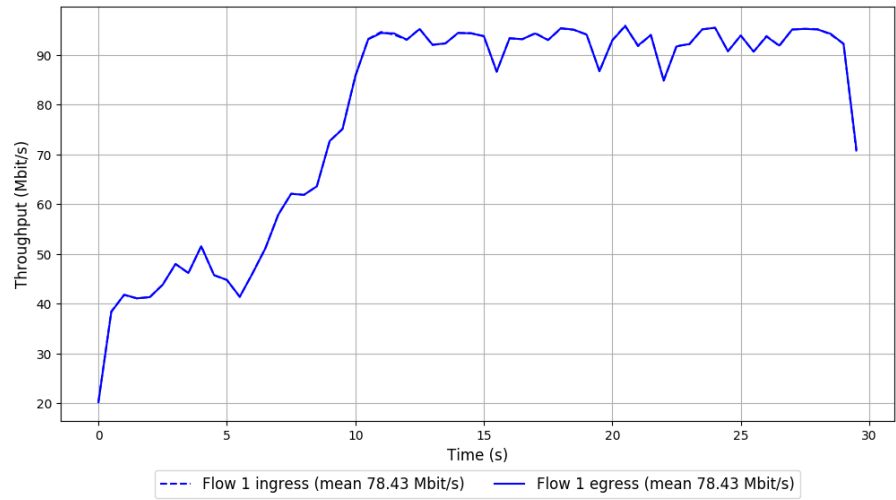
-- Flow 1:

Average throughput: 78.43 Mbit/s

95th percentile per-packet one-way delay: 3.073 ms

Loss rate: 0.00%

## Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-01-16 16:14:47

End at: 2018-01-16 16:15:17

Local clock offset: 0.983 ms

Remote clock offset: 0.478 ms

# Below is generated by plot.py at 2018-01-16 17:34:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.19 Mbit/s

95th percentile per-packet one-way delay: 3.722 ms

Loss rate: 0.00%

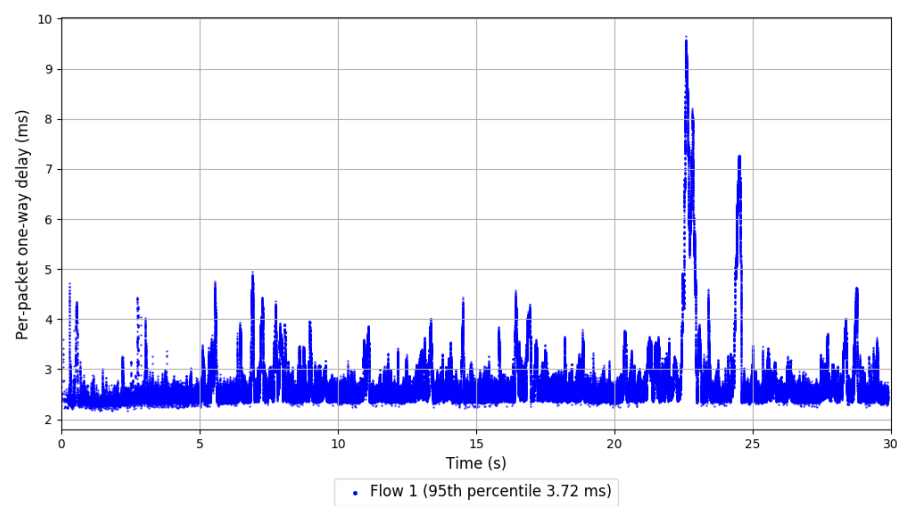
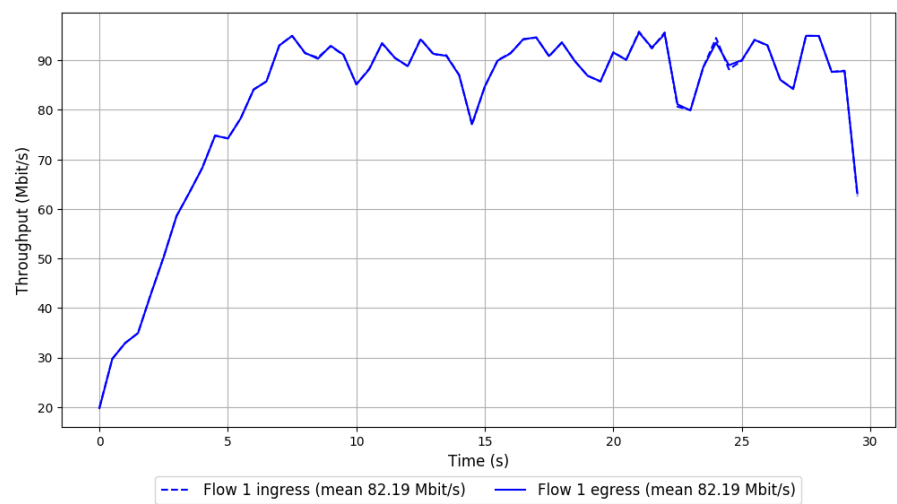
-- Flow 1:

Average throughput: 82.19 Mbit/s

95th percentile per-packet one-way delay: 3.722 ms

Loss rate: 0.00%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-01-16 16:35:17

End at: 2018-01-16 16:35:47

Local clock offset: 1.086 ms

Remote clock offset: 0.222 ms

# Below is generated by plot.py at 2018-01-16 17:34:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.08 Mbit/s

95th percentile per-packet one-way delay: 14.878 ms

Loss rate: 0.07%

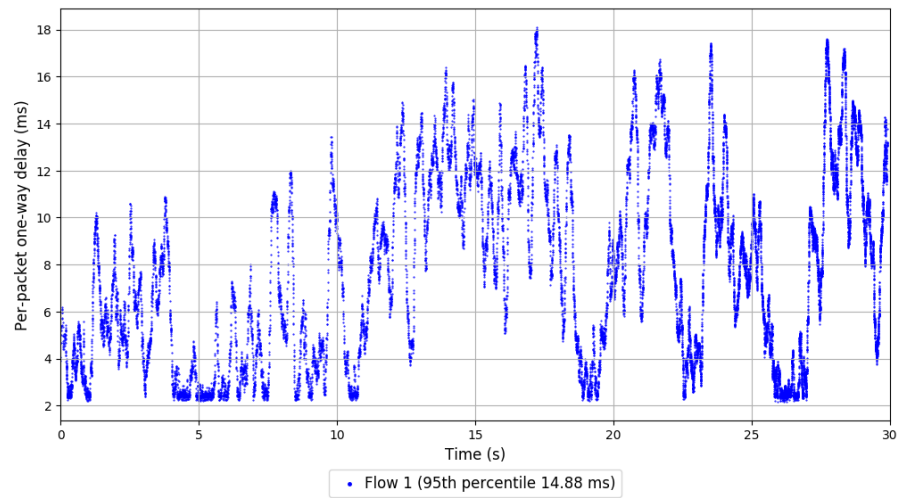
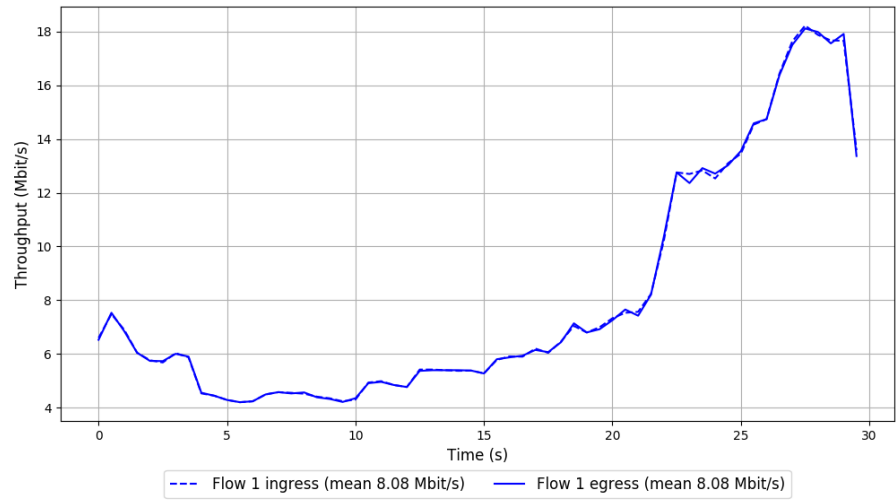
-- Flow 1:

Average throughput: 8.08 Mbit/s

95th percentile per-packet one-way delay: 14.878 ms

Loss rate: 0.07%

### Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-01-16 13:44:52

End at: 2018-01-16 13:45:22

Local clock offset: -2.718 ms

Remote clock offset: -0.198 ms

# Below is generated by plot.py at 2018-01-16 17:34:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.76 Mbit/s

95th percentile per-packet one-way delay: 2.913 ms

Loss rate: 0.01%

-- Flow 1:

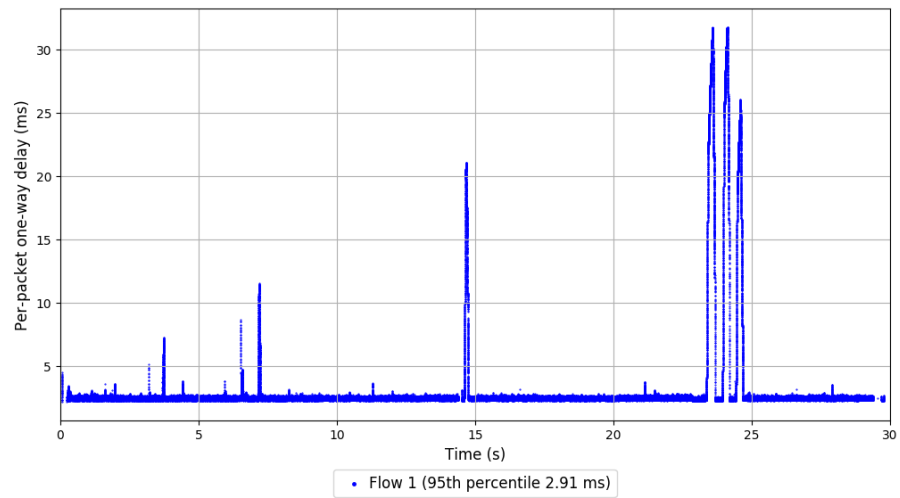
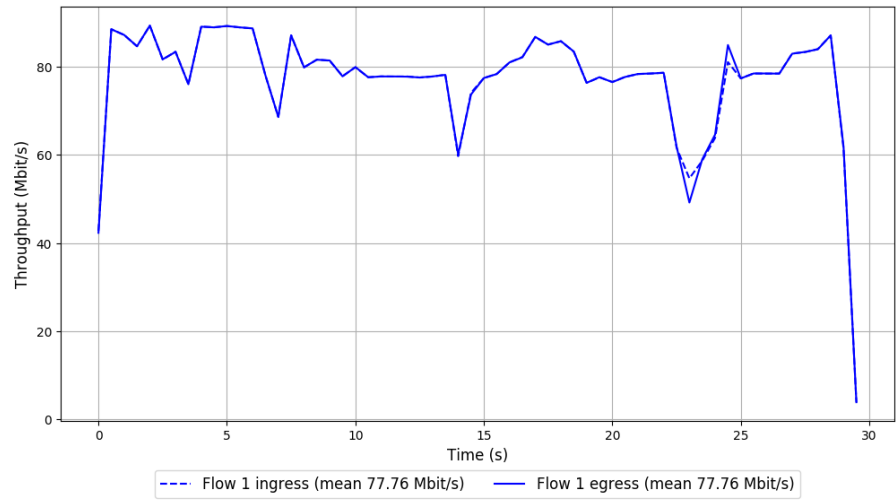
Average throughput: 77.76 Mbit/s

95th percentile per-packet one-way delay: 2.913 ms

Loss rate: 0.01%



### Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-01-16 14:05:26

End at: 2018-01-16 14:05:56

Local clock offset: -2.402 ms

Remote clock offset: -0.299 ms

# Below is generated by plot.py at 2018-01-16 17:35:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.05 Mbit/s

95th percentile per-packet one-way delay: 15.342 ms

Loss rate: 0.05%

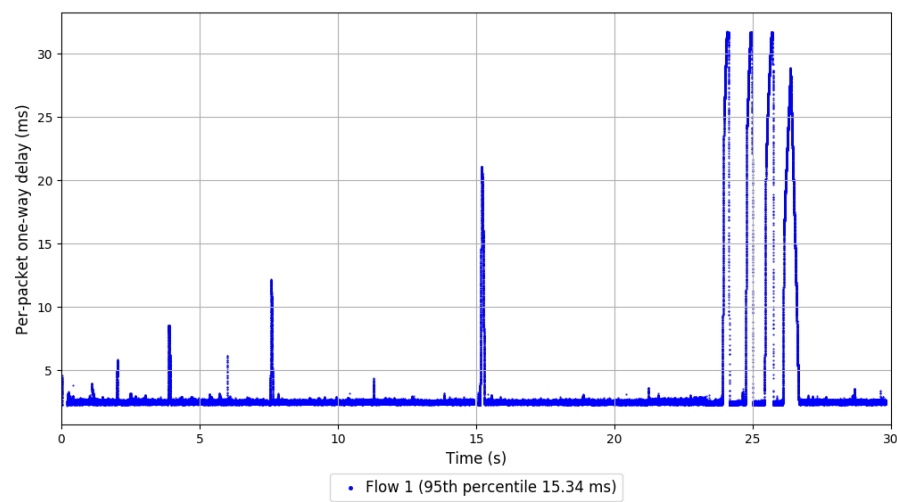
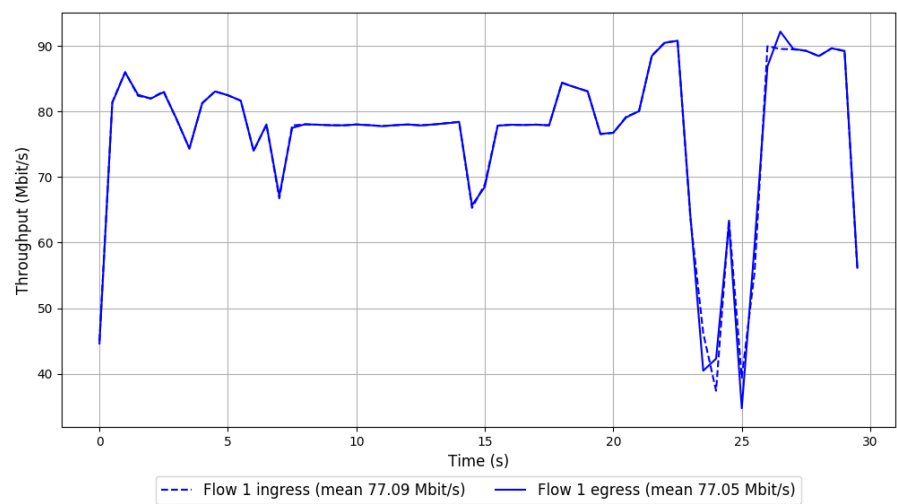
-- Flow 1:

Average throughput: 77.05 Mbit/s

95th percentile per-packet one-way delay: 15.342 ms

Loss rate: 0.05%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-01-16 14:25:53

End at: 2018-01-16 14:26:23

Local clock offset: -1.586 ms

Remote clock offset: -0.018 ms

# Below is generated by plot.py at 2018-01-16 17:35:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.08 Mbit/s

95th percentile per-packet one-way delay: 2.616 ms

Loss rate: 0.00%

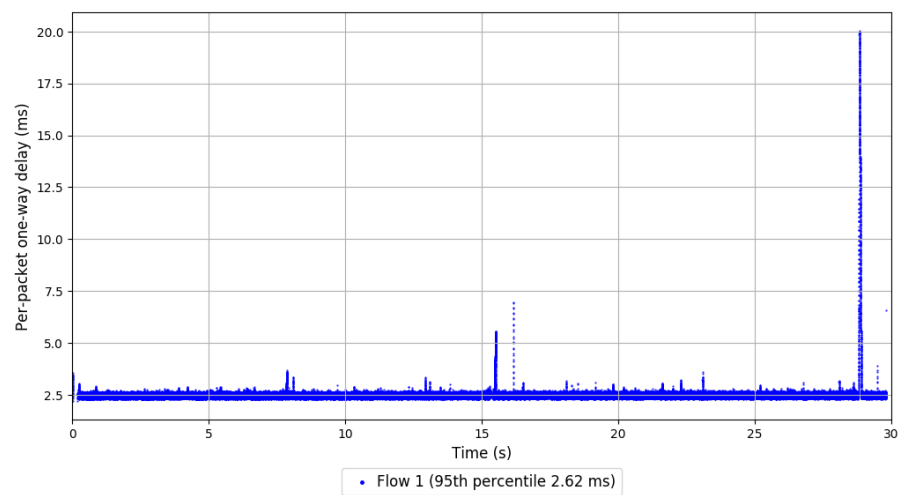
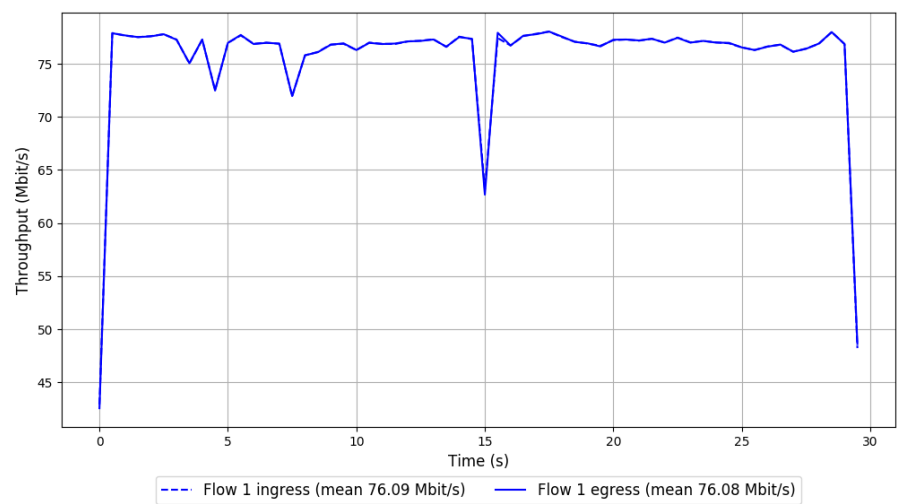
-- Flow 1:

Average throughput: 76.08 Mbit/s

95th percentile per-packet one-way delay: 2.616 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-01-16 14:46:17

End at: 2018-01-16 14:46:47

Local clock offset: -0.884 ms

Remote clock offset: 0.118 ms

# Below is generated by plot.py at 2018-01-16 17:35:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.63 Mbit/s

95th percentile per-packet one-way delay: 2.761 ms

Loss rate: 0.02%

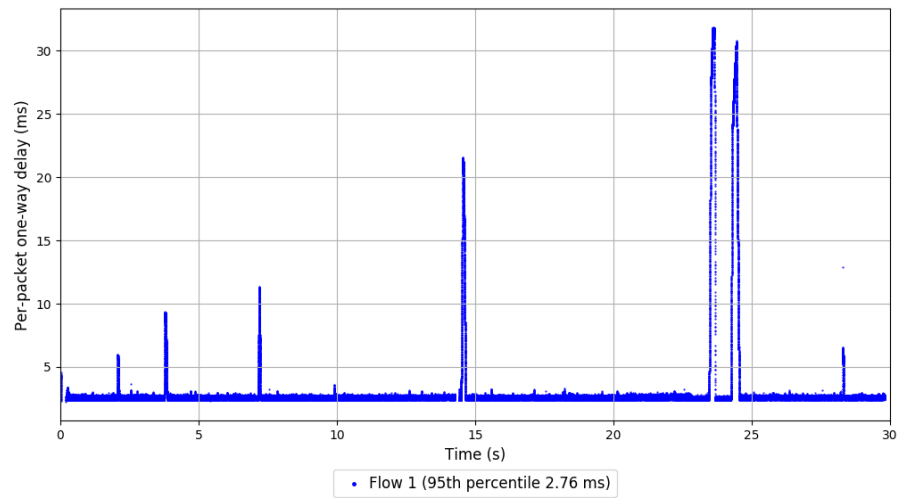
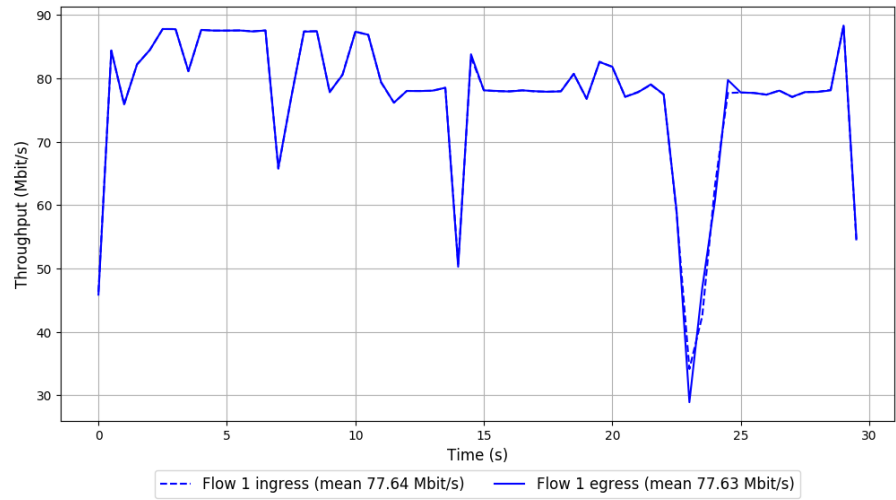
-- Flow 1:

Average throughput: 77.63 Mbit/s

95th percentile per-packet one-way delay: 2.761 ms

Loss rate: 0.02%

#### Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-01-16 15:06:44

End at: 2018-01-16 15:07:14

Local clock offset: -0.224 ms

Remote clock offset: 0.288 ms

# Below is generated by plot.py at 2018-01-16 17:35:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.23 Mbit/s

95th percentile per-packet one-way delay: 8.758 ms

Loss rate: 0.00%

-- Flow 1:

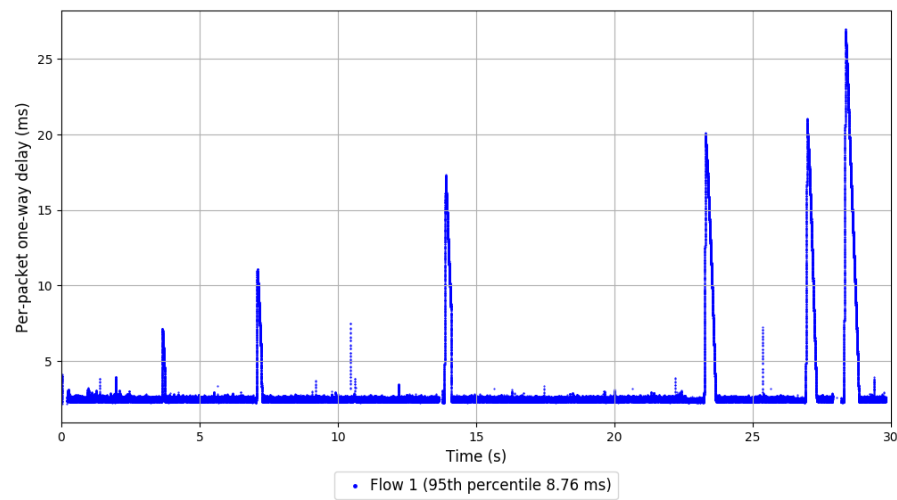
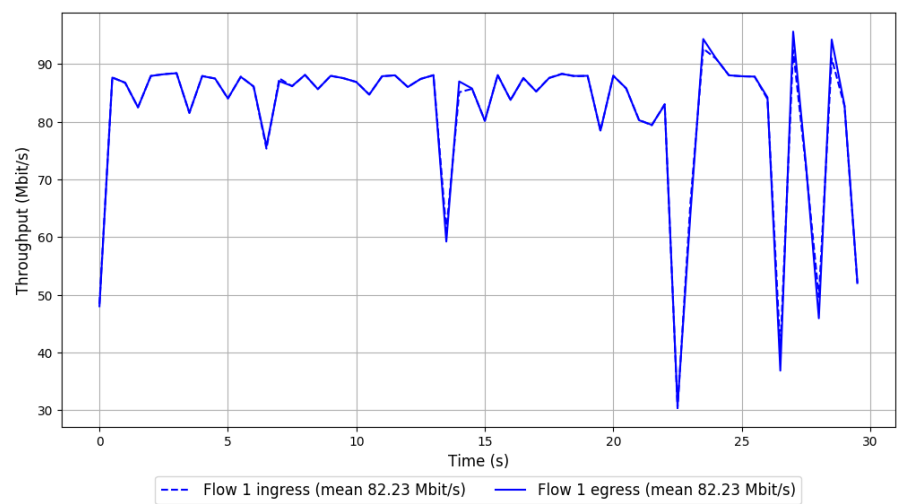
Average throughput: 82.23 Mbit/s

95th percentile per-packet one-way delay: 8.758 ms

Loss rate: 0.00%



Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-01-16 15:27:16

End at: 2018-01-16 15:27:46

Local clock offset: 0.243 ms

Remote clock offset: 0.488 ms

# Below is generated by plot.py at 2018-01-16 17:35:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.01 Mbit/s

95th percentile per-packet one-way delay: 3.481 ms

Loss rate: 0.00%

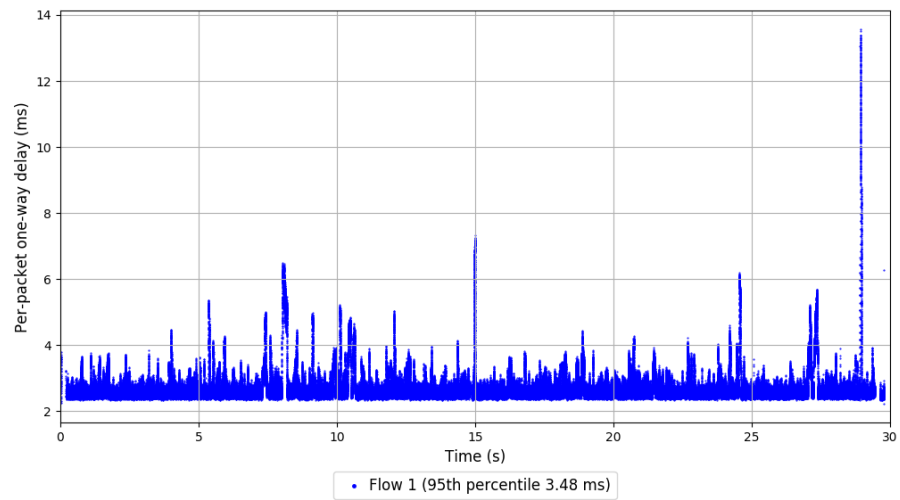
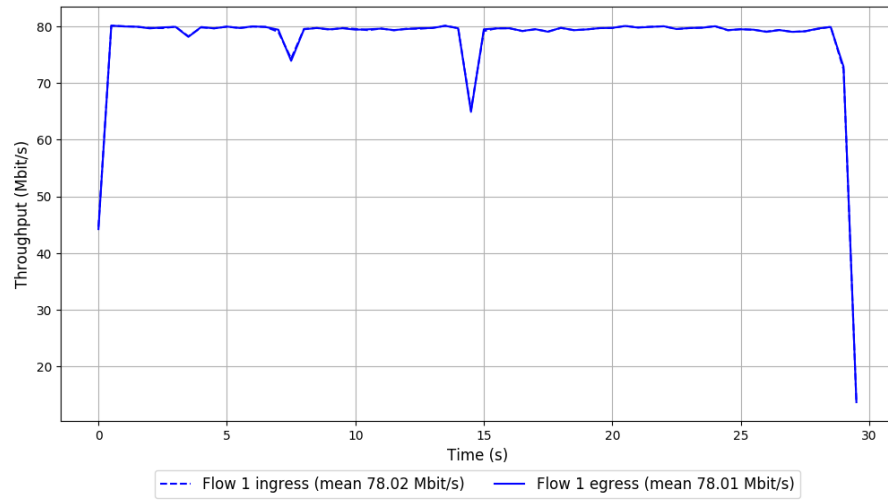
-- Flow 1:

Average throughput: 78.01 Mbit/s

95th percentile per-packet one-way delay: 3.481 ms

Loss rate: 0.00%

## Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-01-16 15:47:38

End at: 2018-01-16 15:48:08

Local clock offset: 0.639 ms

Remote clock offset: 0.448 ms

# Below is generated by plot.py at 2018-01-16 17:35:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.29 Mbit/s

95th percentile per-packet one-way delay: 22.231 ms

Loss rate: 0.04%

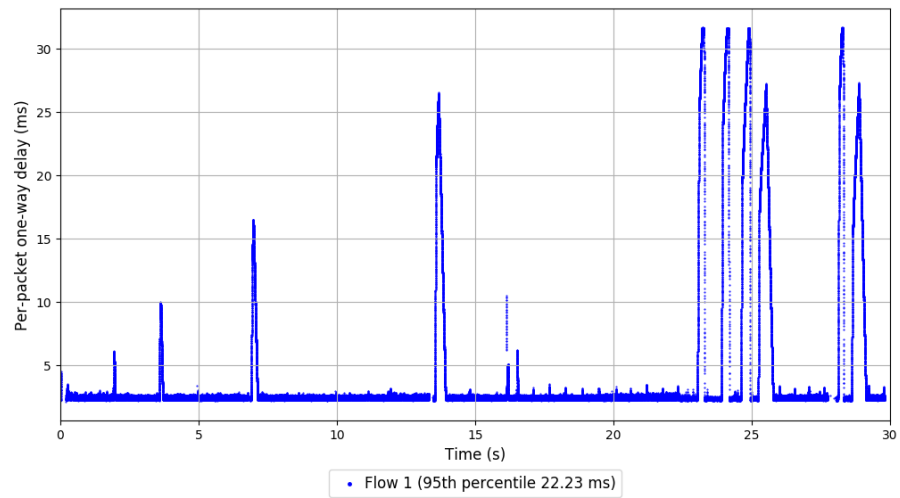
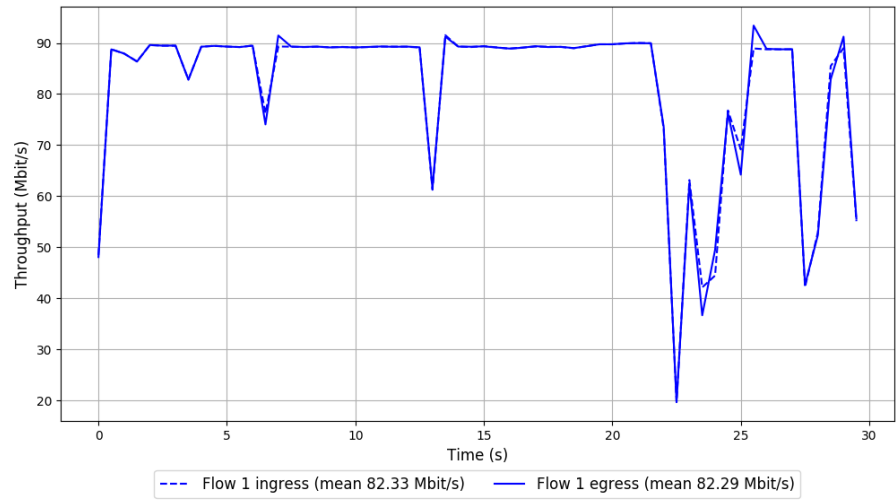
-- Flow 1:

Average throughput: 82.29 Mbit/s

95th percentile per-packet one-way delay: 22.231 ms

Loss rate: 0.04%

### Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-01-16 16:08:04

End at: 2018-01-16 16:08:34

Local clock offset: 0.921 ms

Remote clock offset: 0.526 ms

# Below is generated by plot.py at 2018-01-16 17:35:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.22 Mbit/s

95th percentile per-packet one-way delay: 43.404 ms

Loss rate: 1.56%

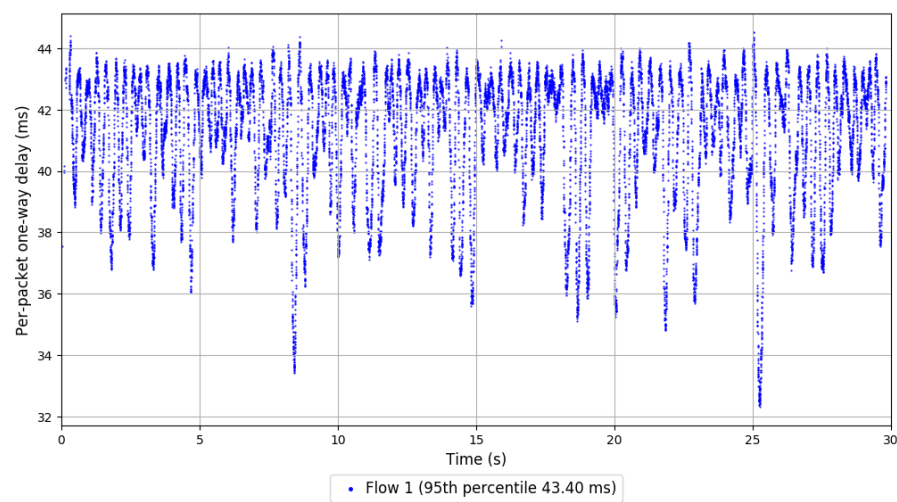
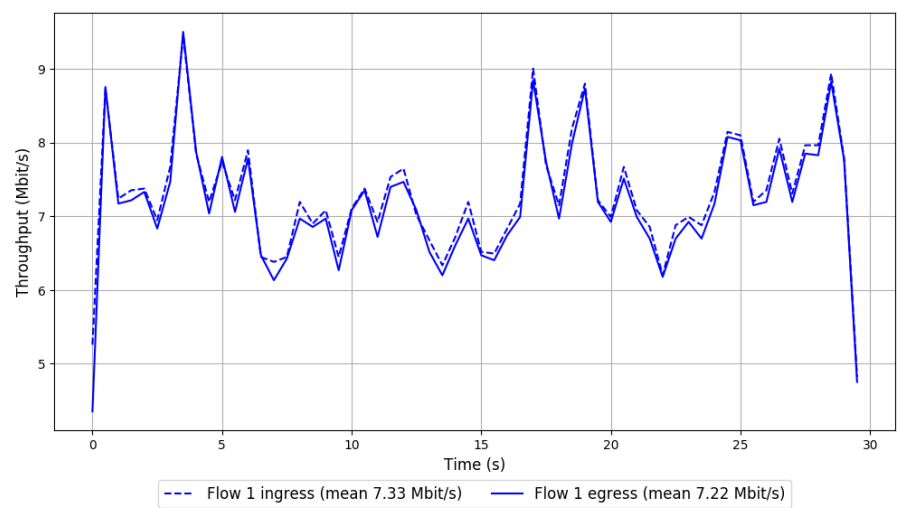
-- Flow 1:

Average throughput: 7.22 Mbit/s

95th percentile per-packet one-way delay: 43.404 ms

Loss rate: 1.56%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-01-16 16:28:29

End at: 2018-01-16 16:28:59

Local clock offset: 1.032 ms

Remote clock offset: 0.334 ms

# Below is generated by plot.py at 2018-01-16 17:35:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.06 Mbit/s

95th percentile per-packet one-way delay: 3.414 ms

Loss rate: 0.03%

-- Flow 1:

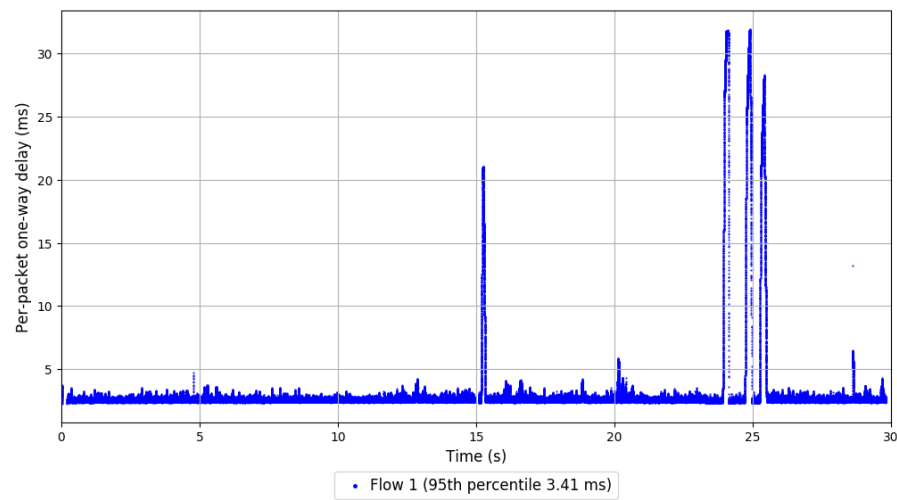
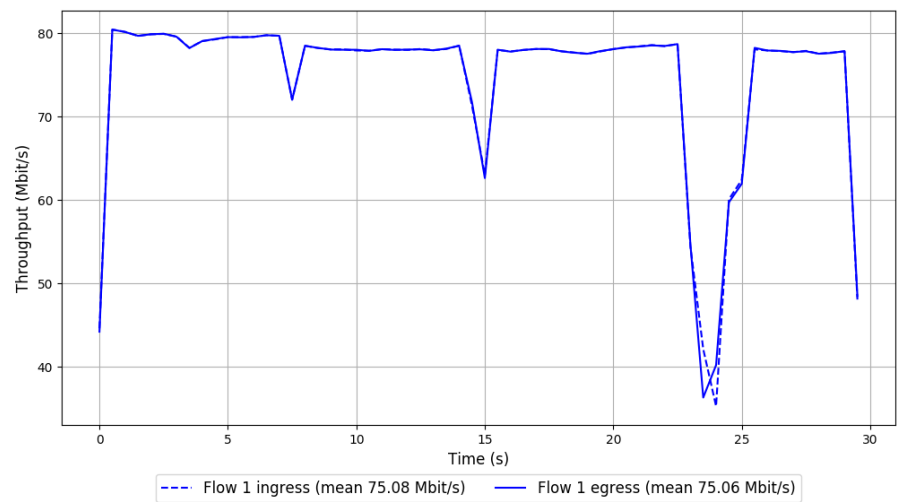
Average throughput: 75.06 Mbit/s

95th percentile per-packet one-way delay: 3.414 ms

Loss rate: 0.03%



Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-01-16 16:48:55

End at: 2018-01-16 16:49:25

Local clock offset: 1.277 ms

Remote clock offset: 0.105 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.69 Mbit/s

95th percentile per-packet one-way delay: 19.629 ms

Loss rate: 0.06%

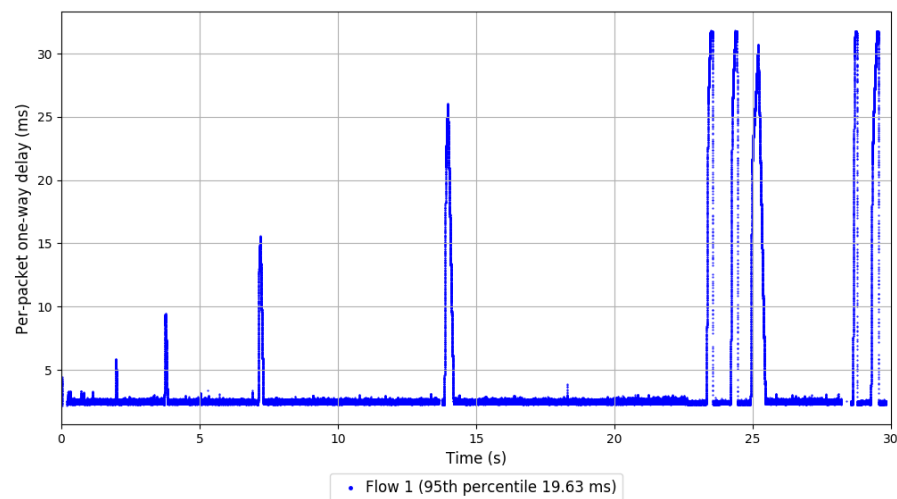
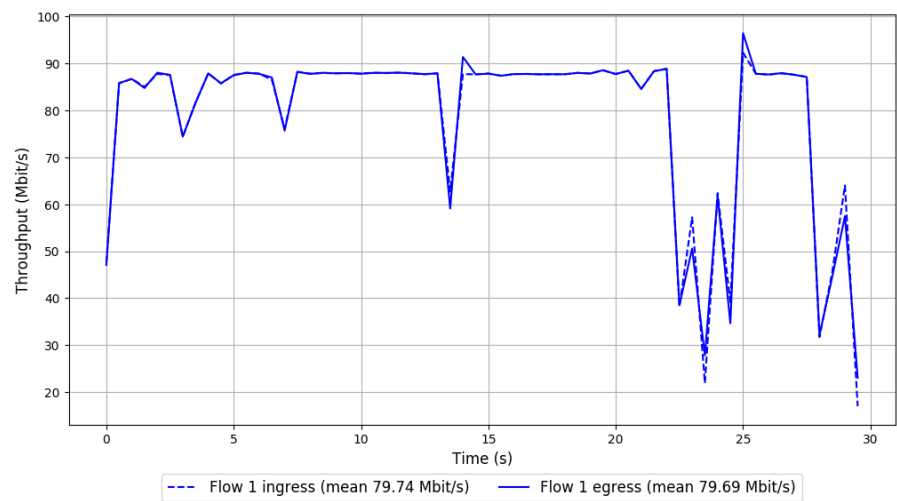
-- Flow 1:

Average throughput: 79.69 Mbit/s

95th percentile per-packet one-way delay: 19.629 ms

Loss rate: 0.06%

Run 10: Report of QUIC Cubic — Data Link

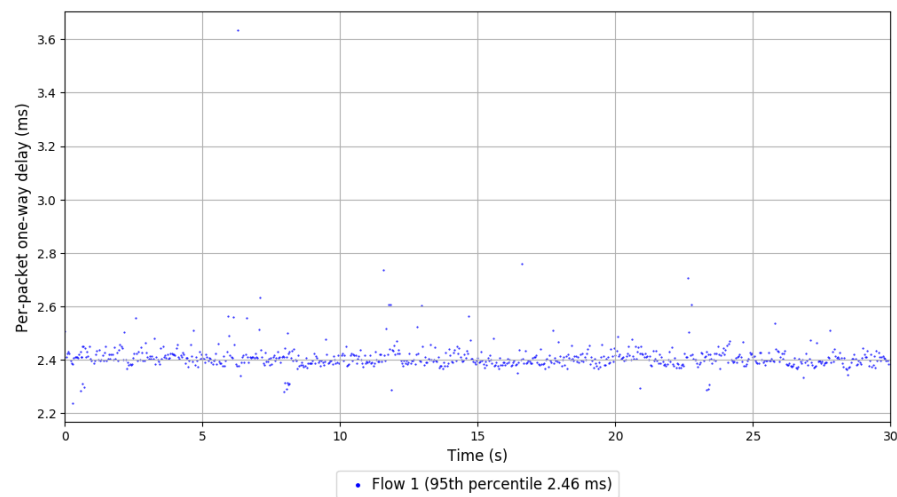
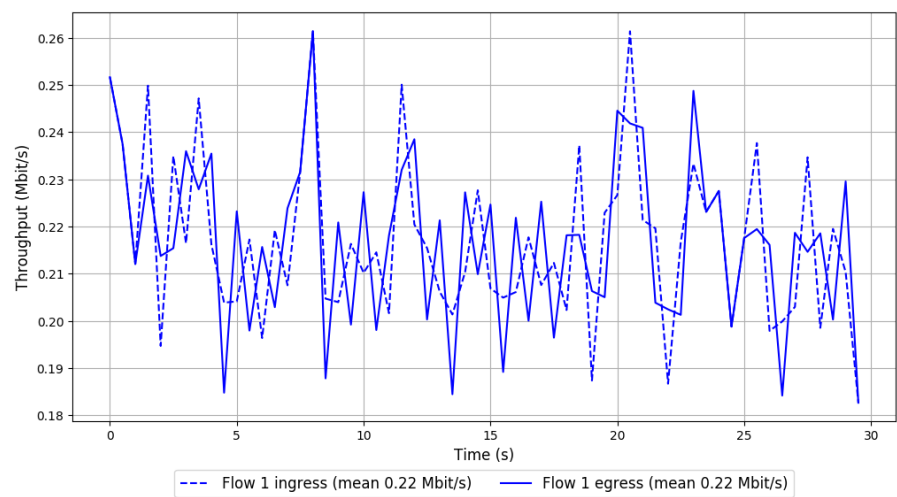


```
Run 1: Statistics of SCReAM

Start at: 2018-01-16 13:26:37
End at: 2018-01-16 13:27:07
Local clock offset: -2.821 ms
Remote clock offset: 0.44 ms

# Below is generated by plot.py at 2018-01-16 17:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.465 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.465 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

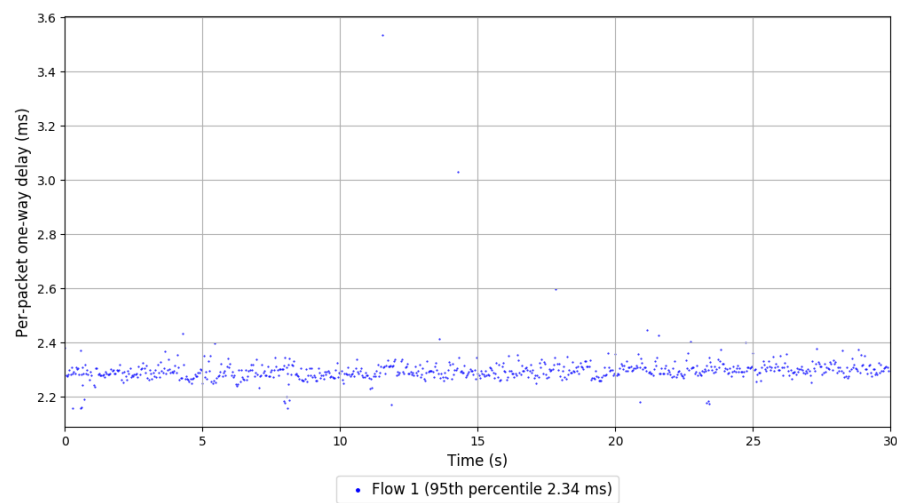
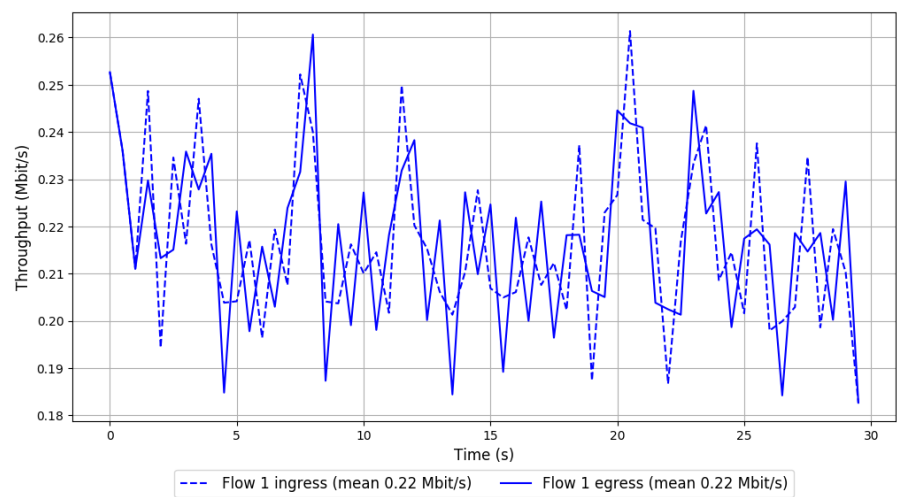


Run 2: Statistics of SCReAM

Start at: 2018-01-16 13:47:08  
End at: 2018-01-16 13:47:38  
Local clock offset: -2.674 ms  
Remote clock offset: -0.333 ms

# Below is generated by plot.py at 2018-01-16 17:35:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.344 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.344 ms  
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



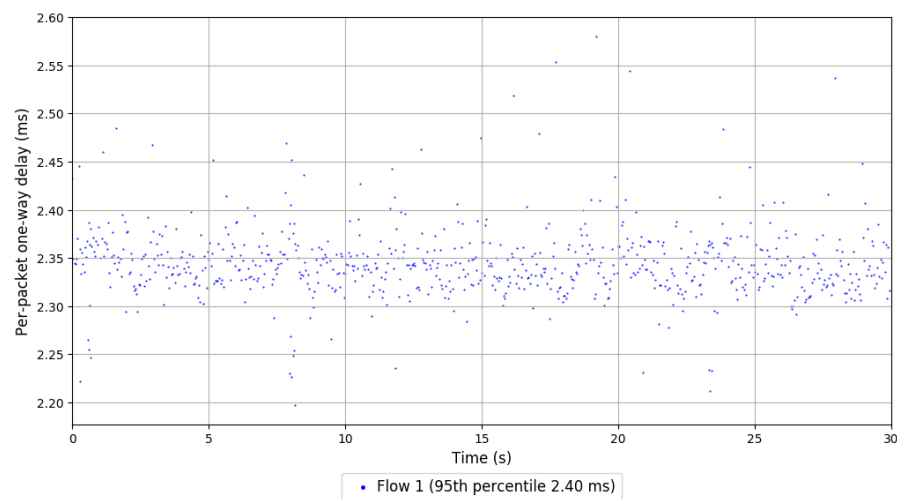
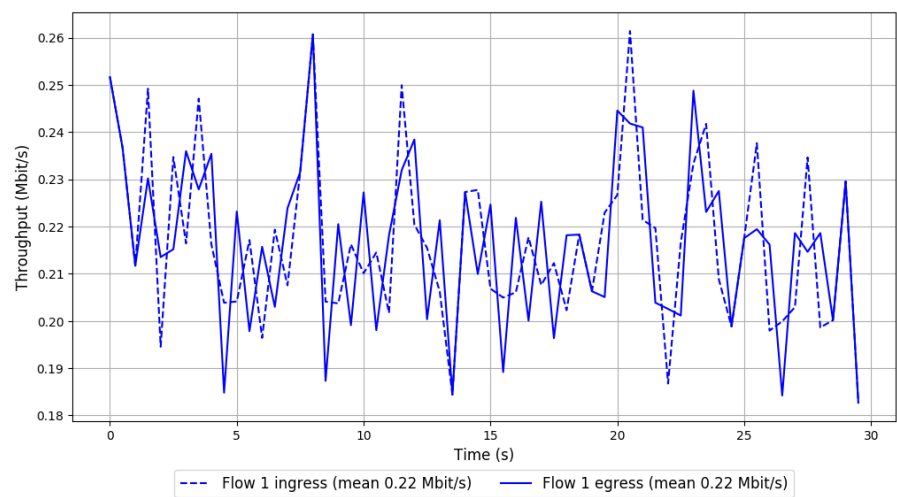
Run 3: Statistics of SCReAM

Start at: 2018-01-16 14:07:42  
End at: 2018-01-16 14:08:12  
Local clock offset: -2.386 ms  
Remote clock offset: -0.257 ms

# Below is generated by plot.py at 2018-01-16 17:35:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.403 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.403 ms  
Loss rate: 0.00%



Run 3: Report of SReAM — Data Link

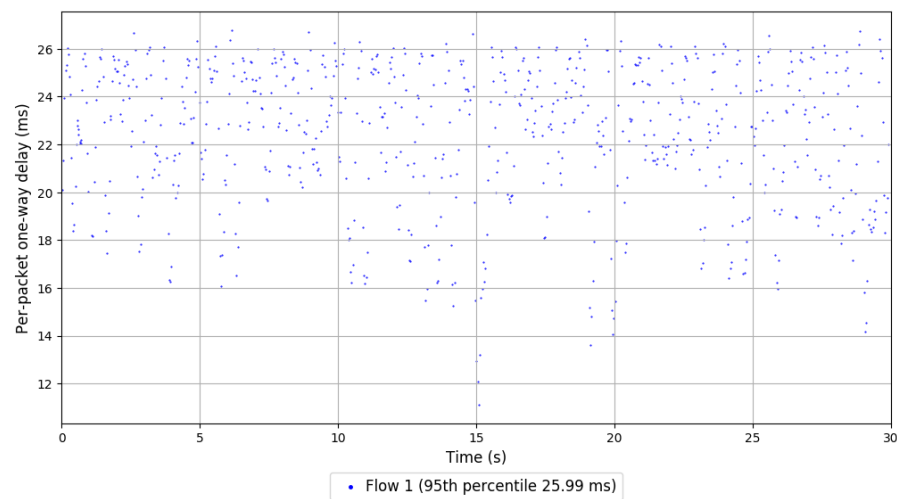
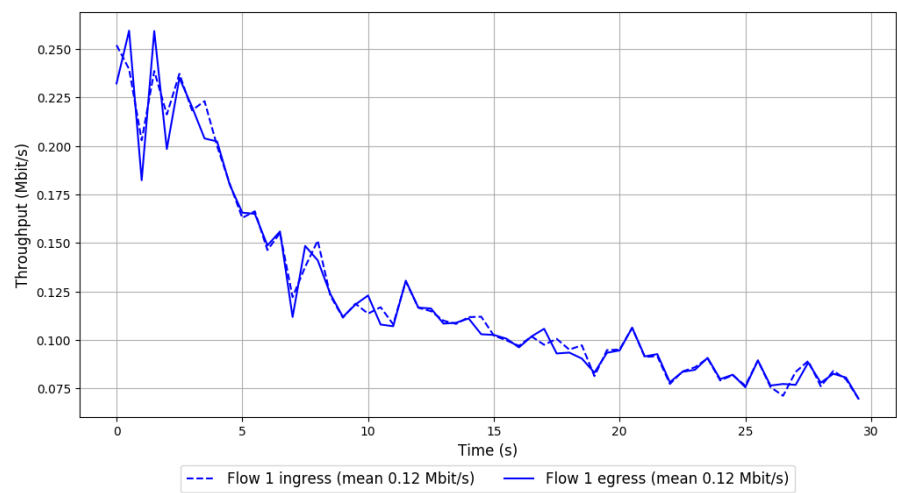


Run 4: Statistics of SCReAM

Start at: 2018-01-16 14:28:09  
End at: 2018-01-16 14:28:39  
Local clock offset: -1.478 ms  
Remote clock offset: -17.285 ms

# Below is generated by plot.py at 2018-01-16 17:35:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.12 Mbit/s  
95th percentile per-packet one-way delay: 25.992 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 0.12 Mbit/s  
95th percentile per-packet one-way delay: 25.992 ms  
Loss rate: 0.74%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-01-16 14:48:33

End at: 2018-01-16 14:49:03

Local clock offset: -0.828 ms

Remote clock offset: 0.143 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.545 ms

Loss rate: 0.00%

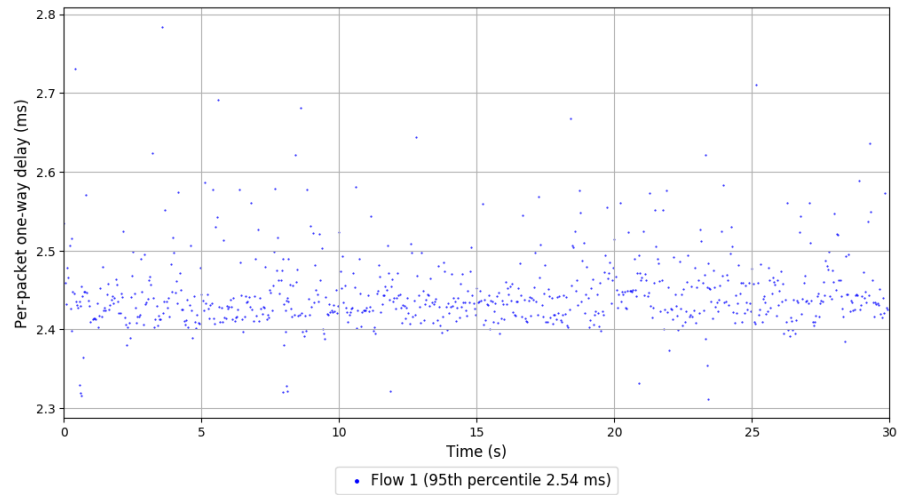
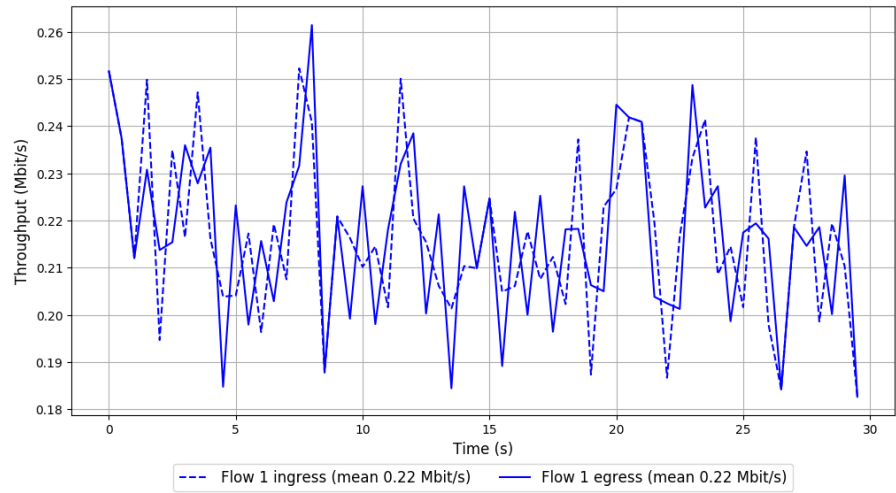
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.545 ms

Loss rate: 0.00%

## Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-01-16 15:09:00

End at: 2018-01-16 15:09:30

Local clock offset: -0.254 ms

Remote clock offset: 0.243 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 15.289 ms

Loss rate: 0.00%

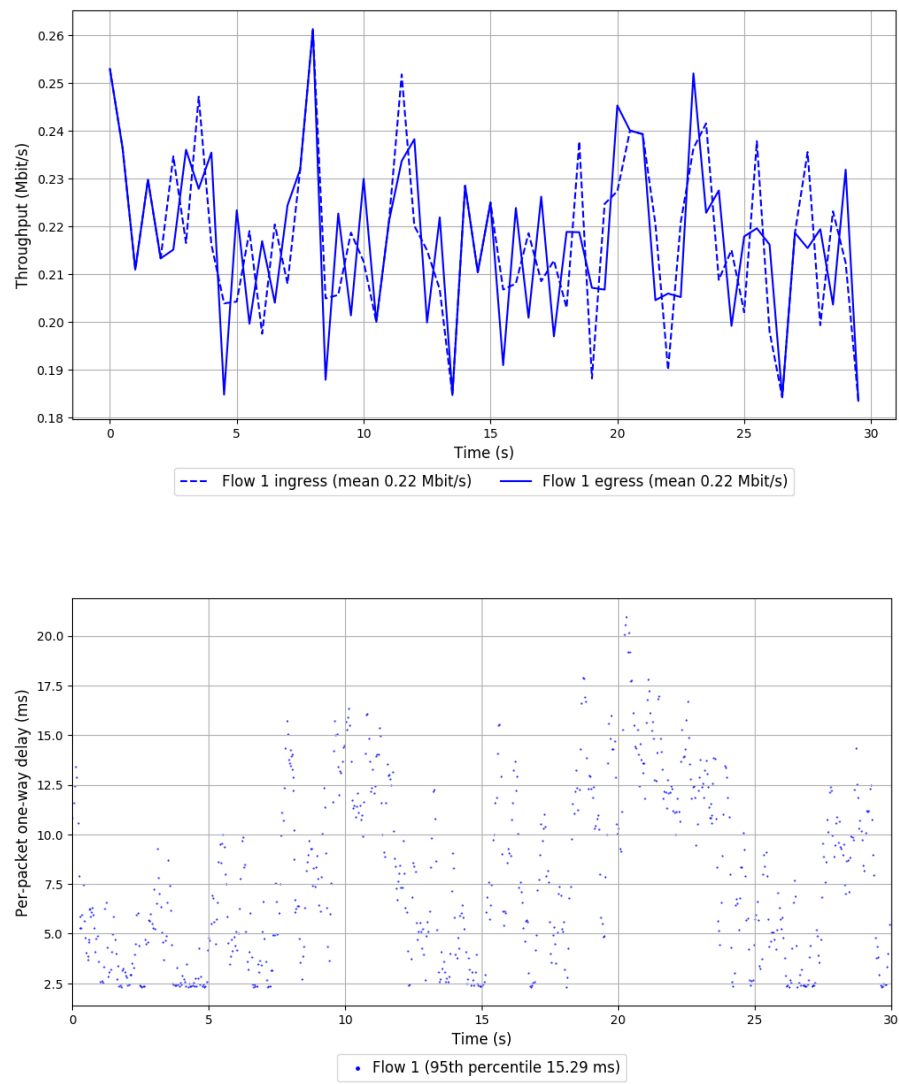
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 15.289 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-01-16 15:29:32

End at: 2018-01-16 15:30:02

Local clock offset: 0.366 ms

Remote clock offset: 0.438 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 10.203 ms

Loss rate: 0.00%

-- Flow 1:

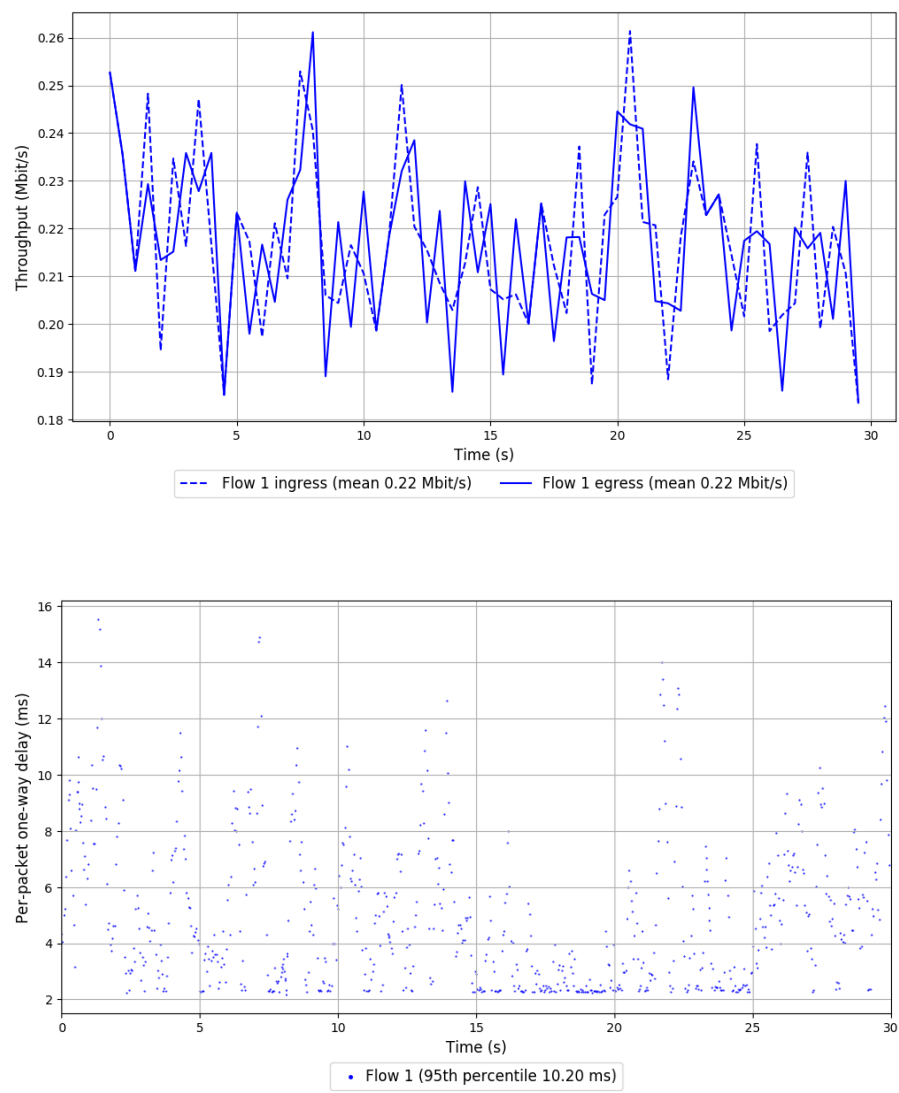
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 10.203 ms

Loss rate: 0.00%



Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-01-16 15:49:54

End at: 2018-01-16 15:50:24

Local clock offset: 0.718 ms

Remote clock offset: 0.577 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.443 ms

Loss rate: 0.00%

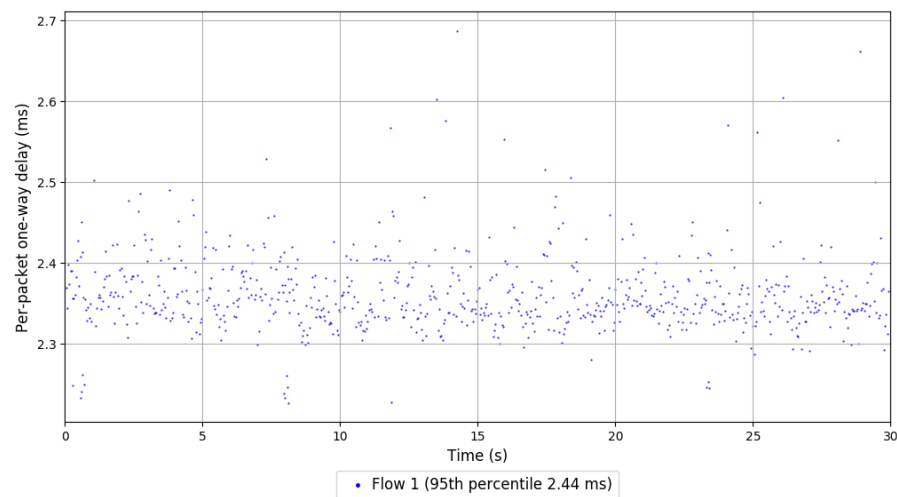
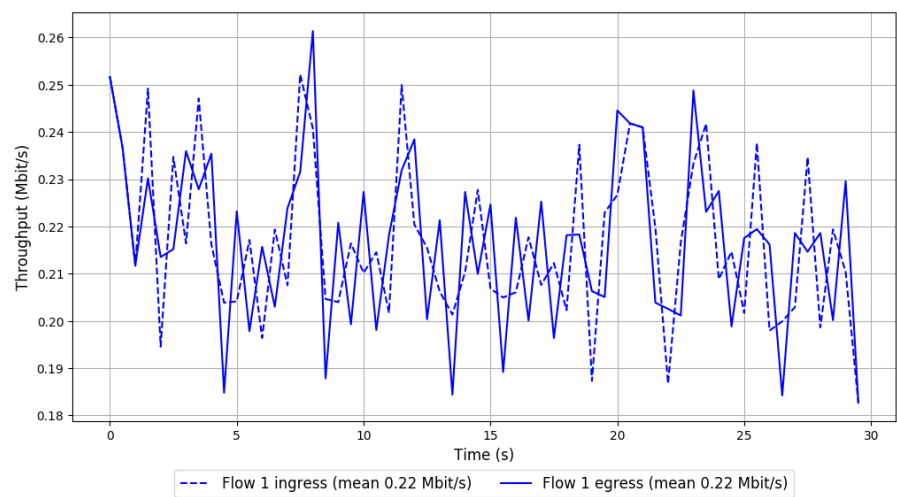
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.443 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-01-16 16:10:17

End at: 2018-01-16 16:10:47

Local clock offset: 0.952 ms

Remote clock offset: 0.532 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.496 ms

Loss rate: 0.00%

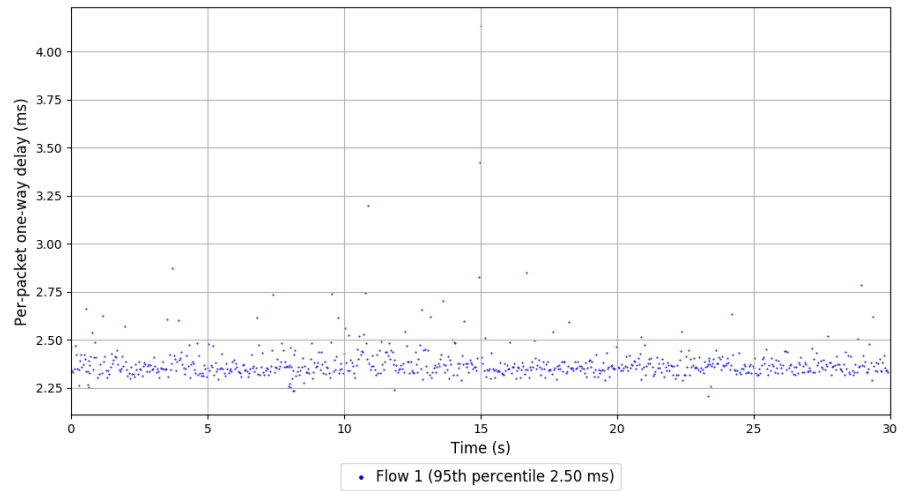
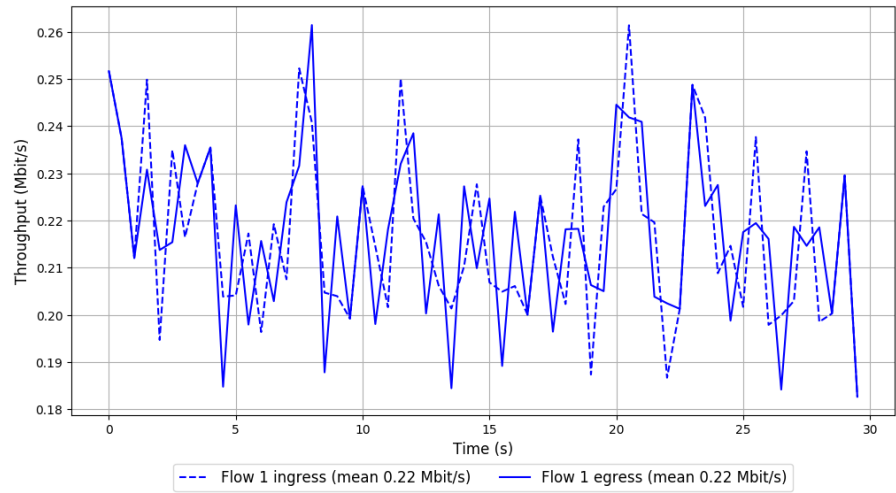
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.496 ms

Loss rate: 0.00%

### Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-01-16 16:30:45

End at: 2018-01-16 16:31:15

Local clock offset: 1.118 ms

Remote clock offset: 0.33 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.434 ms

Loss rate: 0.00%

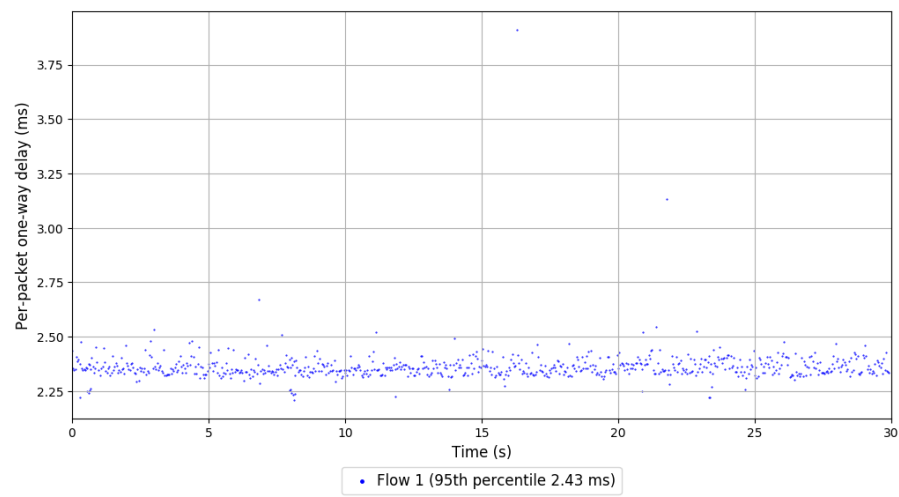
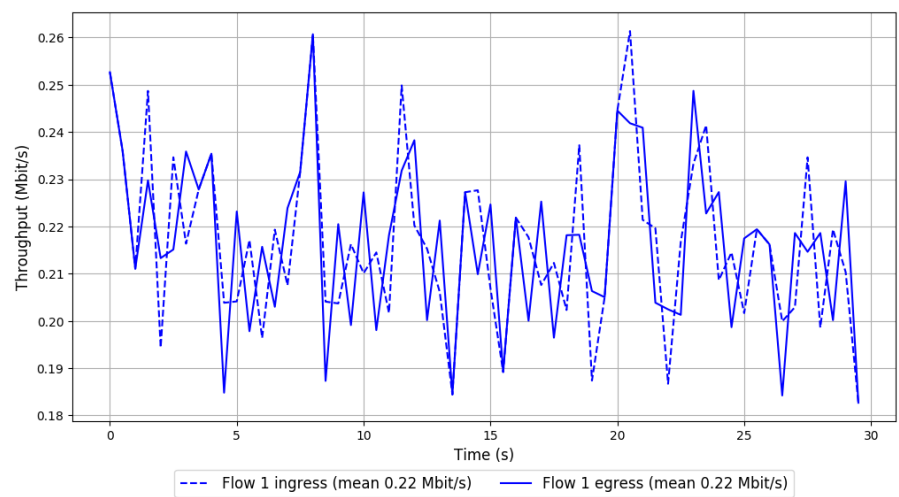
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.434 ms

Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-01-16 13:36:52

End at: 2018-01-16 13:37:22

Local clock offset: -2.898 ms

Remote clock offset: 0.131 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

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

Loss rate: 0.00%

-- Flow 1:

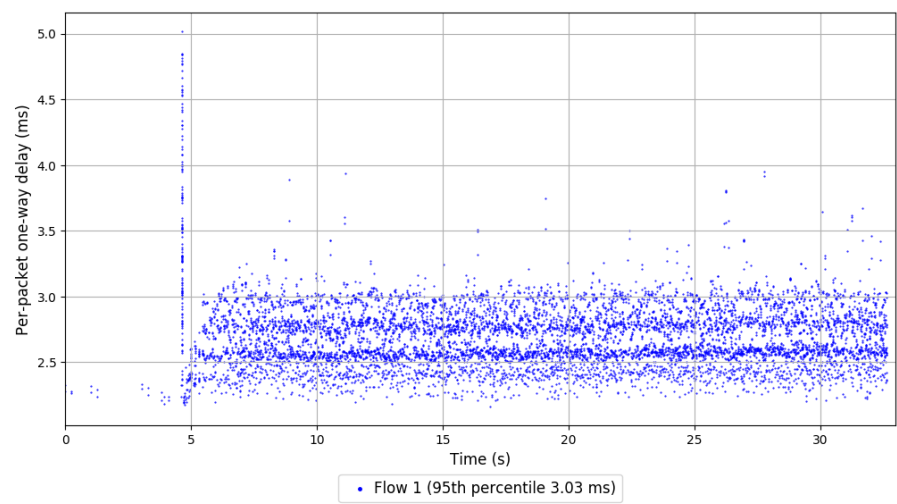
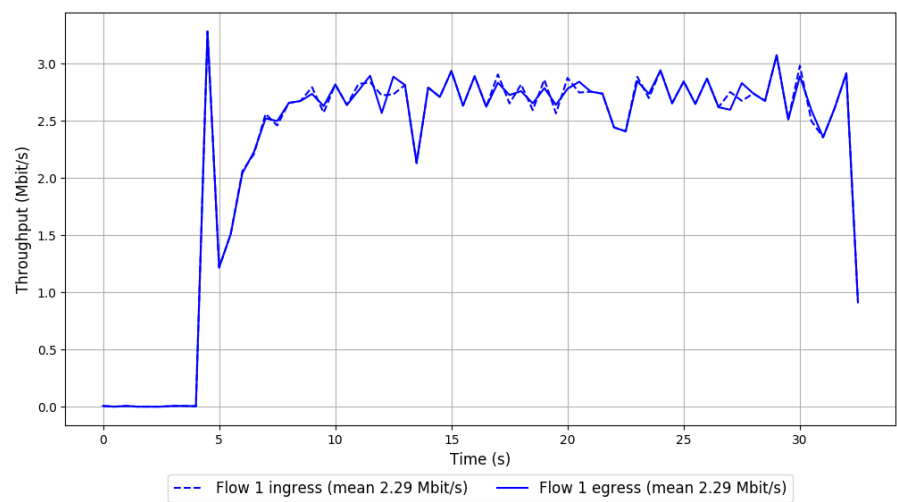
Average throughput: 2.29 Mbit/s

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

Loss rate: 0.00%



Run 1: Report of WebRTC media — Data Link

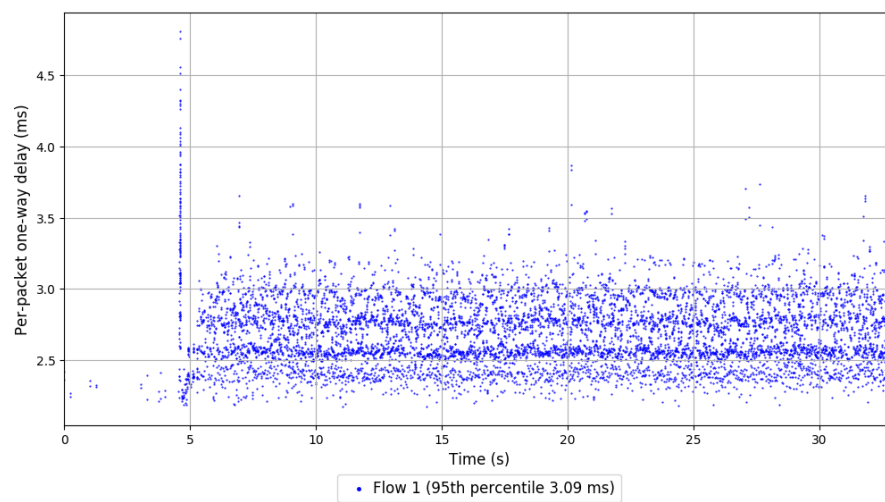
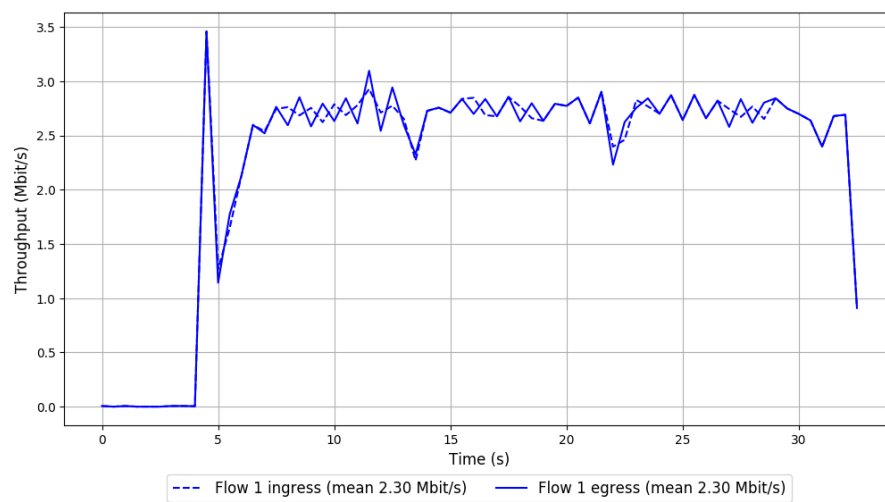


Run 2: Statistics of WebRTC media

Start at: 2018-01-16 13:57:22  
End at: 2018-01-16 13:57:52  
Local clock offset: -2.508 ms  
Remote clock offset: -0.369 ms

# Below is generated by plot.py at 2018-01-16 17:35:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 3.088 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 3.088 ms  
Loss rate: 0.00%

## Run 2: Report of WebRTC media — Data Link

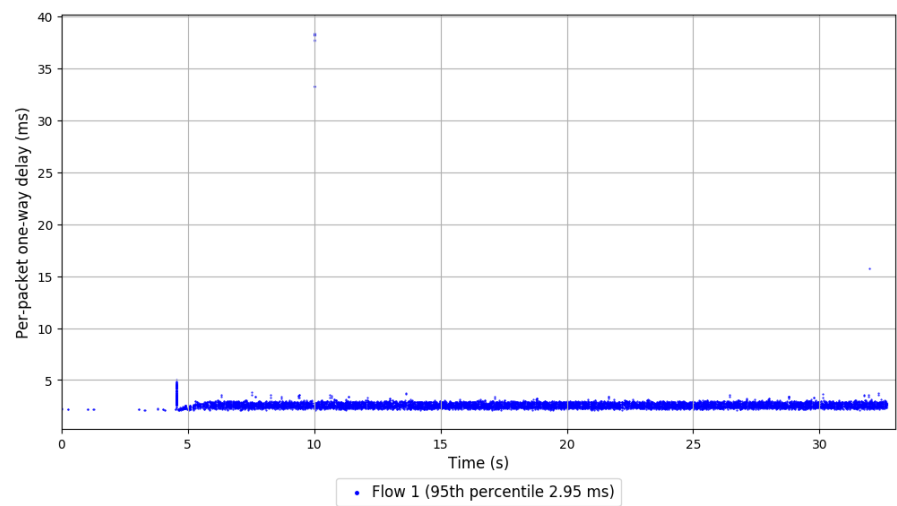
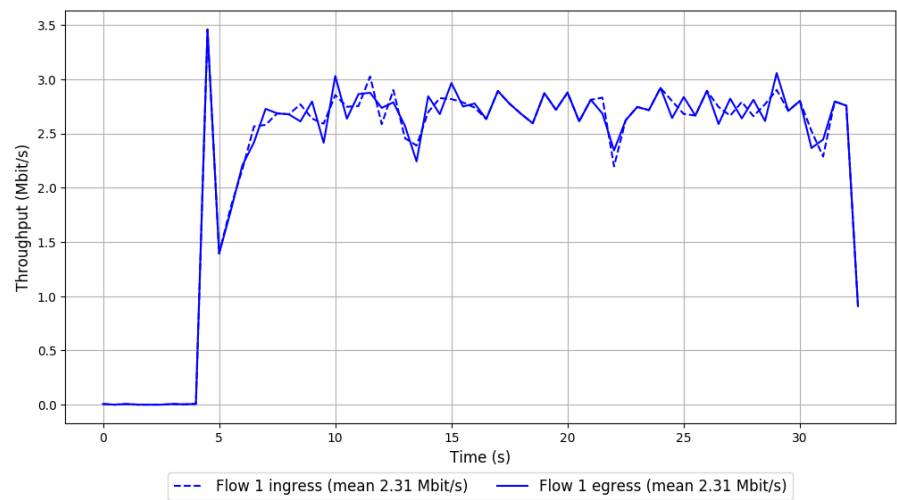


Run 3: Statistics of WebRTC media

Start at: 2018-01-16 14:17:49  
End at: 2018-01-16 14:18:19  
Local clock offset: -1.94 ms  
Remote clock offset: -0.166 ms

# Below is generated by plot.py at 2018-01-16 17:35:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 2.950 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 2.950 ms  
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

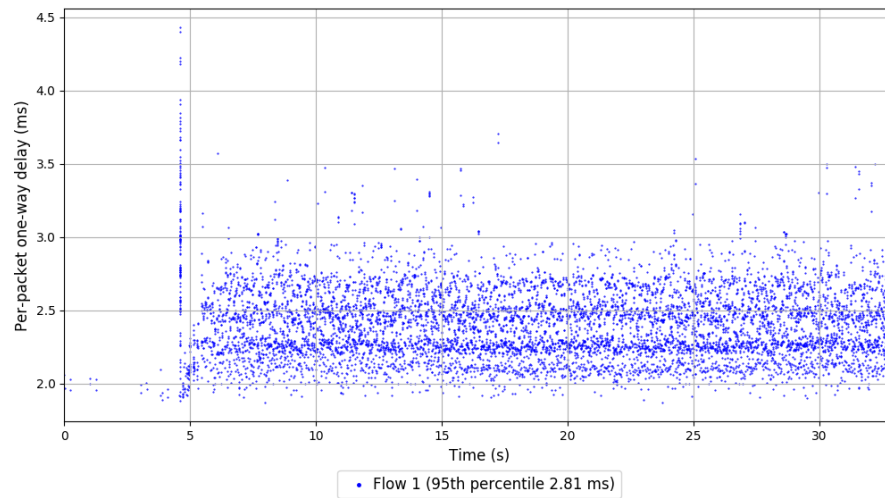
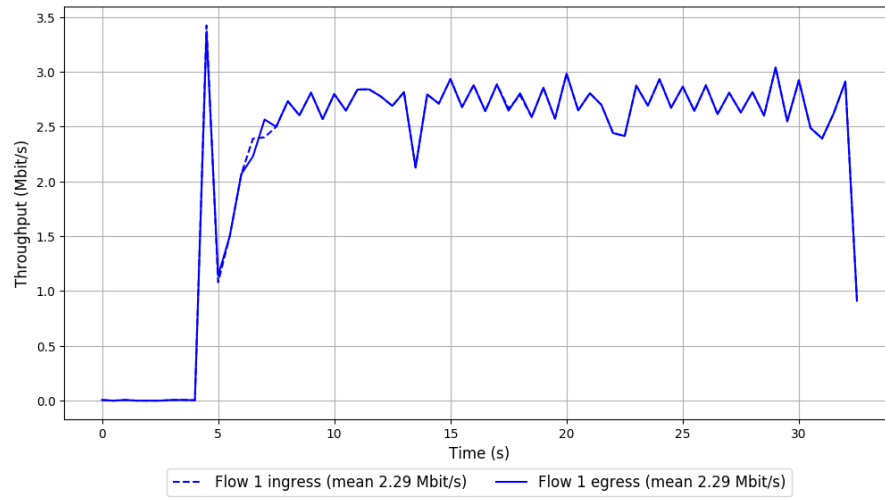


Run 4: Statistics of WebRTC media

Start at: 2018-01-16 14:38:16  
End at: 2018-01-16 14:38:46  
Local clock offset: -1.09 ms  
Remote clock offset: -0.223 ms

# Below is generated by plot.py at 2018-01-16 17:35:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: 2.810 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: 2.810 ms  
Loss rate: 0.00%

#### Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-01-16 14:58:40

End at: 2018-01-16 14:59:10

Local clock offset: -0.448 ms

Remote clock offset: 0.209 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.086 ms

Loss rate: 0.00%

-- Flow 1:

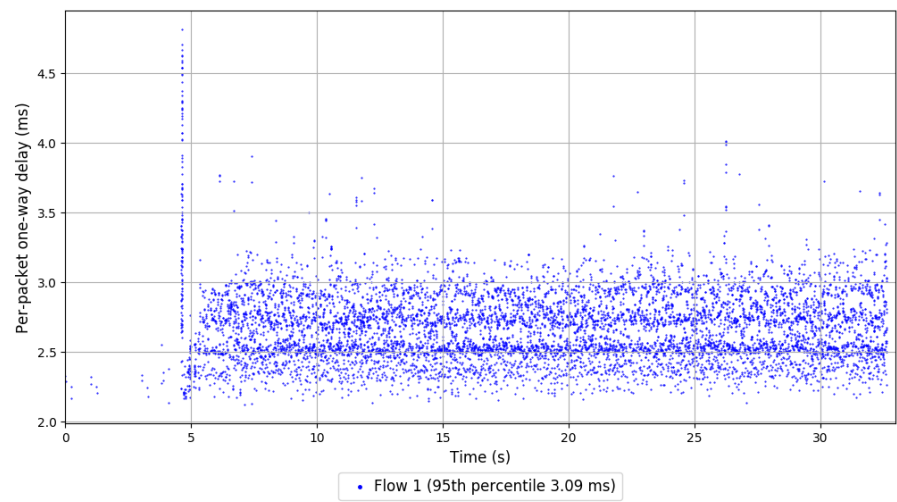
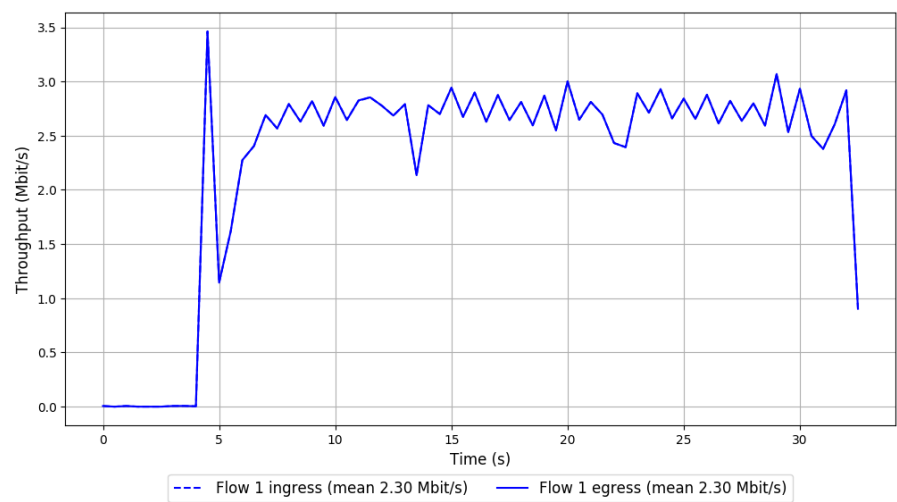
Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.086 ms

Loss rate: 0.00%



Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-01-16 15:19:13

End at: 2018-01-16 15:19:43

Local clock offset: 0.083 ms

Remote clock offset: 0.427 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.088 ms

Loss rate: 0.00%

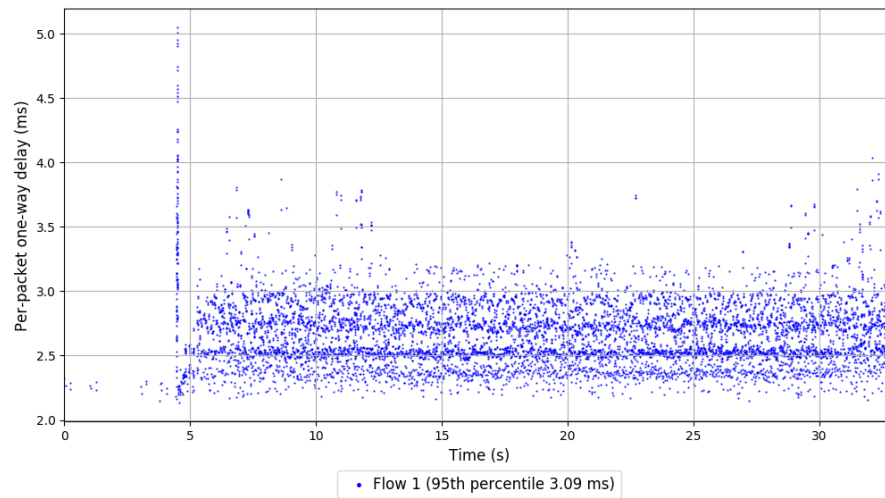
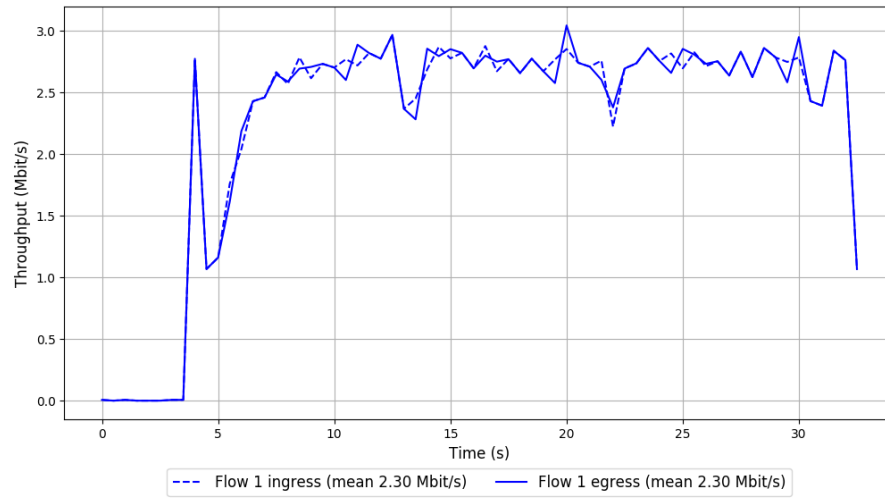
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.088 ms

Loss rate: 0.00%

## Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-01-16 15:39:39

End at: 2018-01-16 15:40:09

Local clock offset: 0.49 ms

Remote clock offset: 0.511 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 3.087 ms

Loss rate: 0.00%

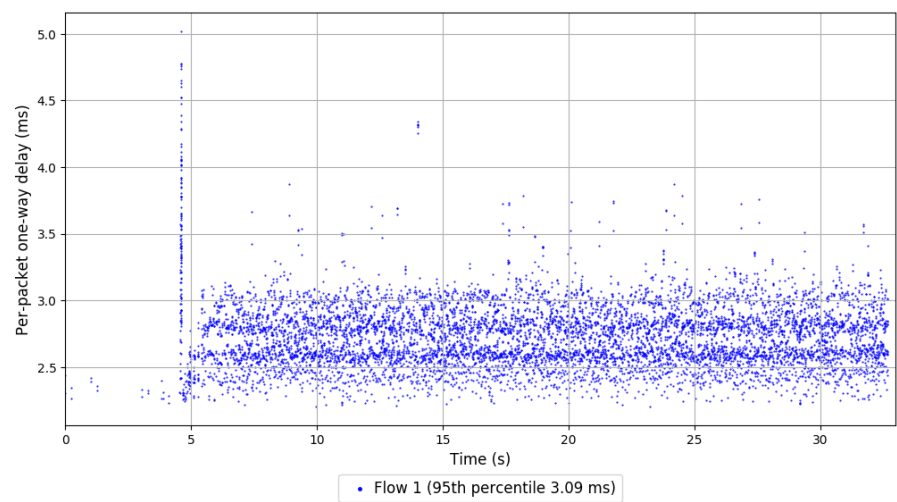
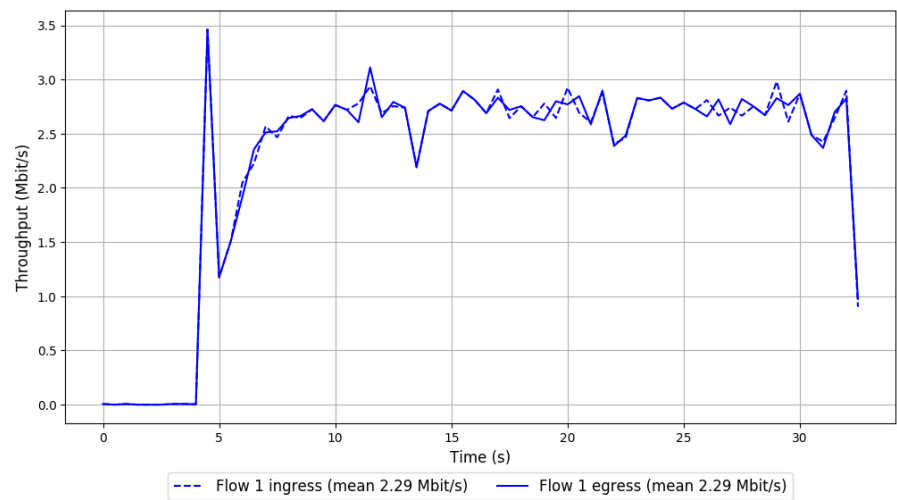
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 3.087 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-01-16 16:00:01

End at: 2018-01-16 16:00:31

Local clock offset: 0.846 ms

Remote clock offset: 0.596 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.033 ms

Loss rate: 0.00%

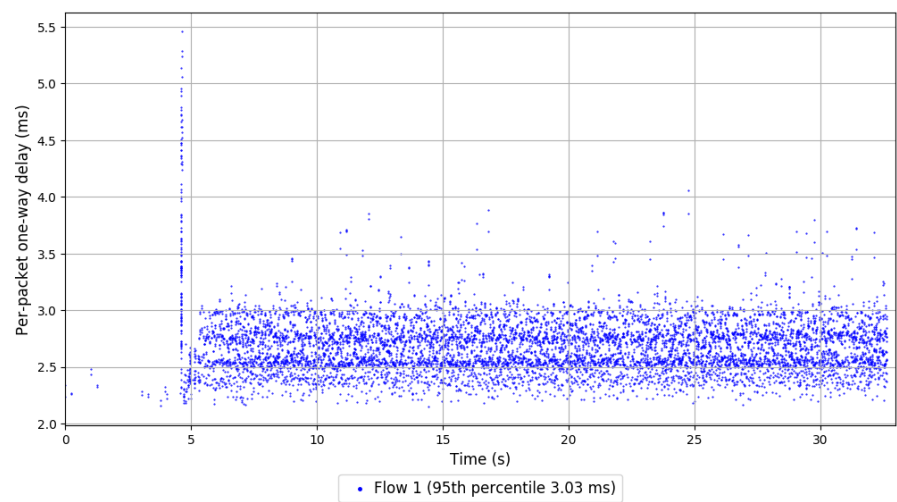
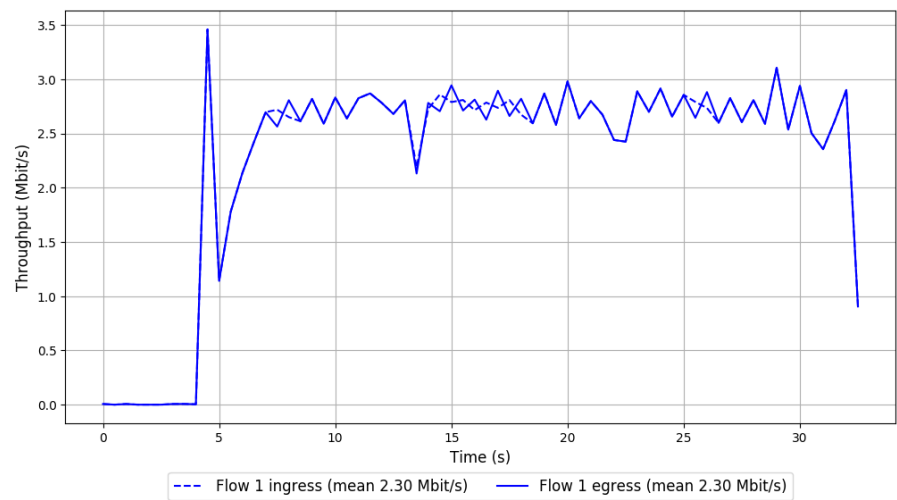
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 3.033 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-01-16 16:20:27

End at: 2018-01-16 16:20:58

Local clock offset: 1.023 ms

Remote clock offset: 0.409 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 16.091 ms

Loss rate: 0.00%

-- Flow 1:

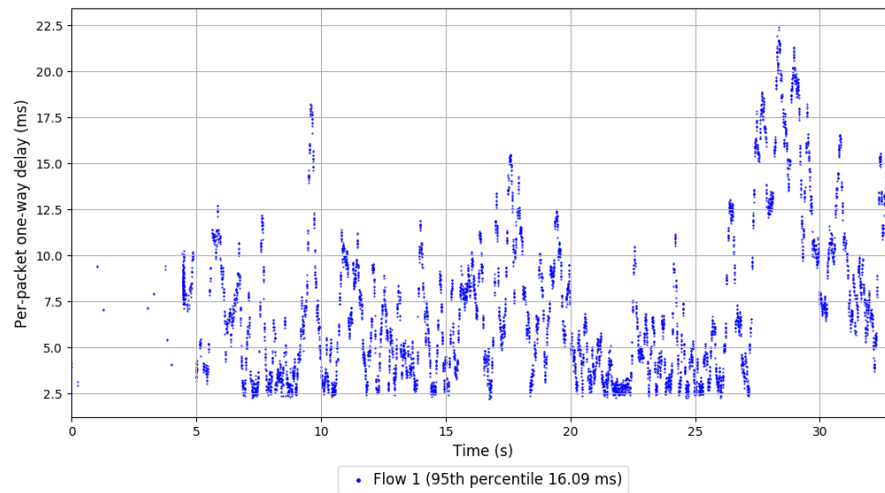
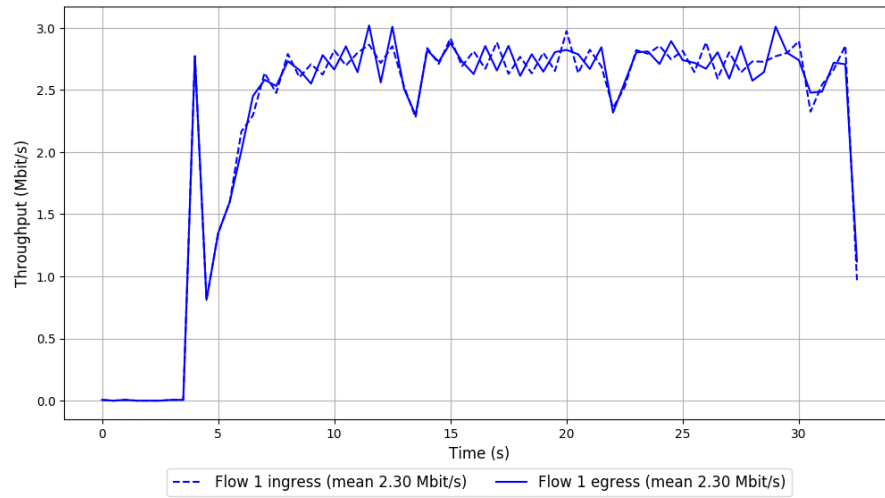
Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 16.091 ms

Loss rate: 0.00%



### Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-01-16 16:40:52

End at: 2018-01-16 16:41:22

Local clock offset: 1.2 ms

Remote clock offset: 0.129 ms

# Below is generated by plot.py at 2018-01-16 17:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 3.022 ms

Loss rate: 0.00%

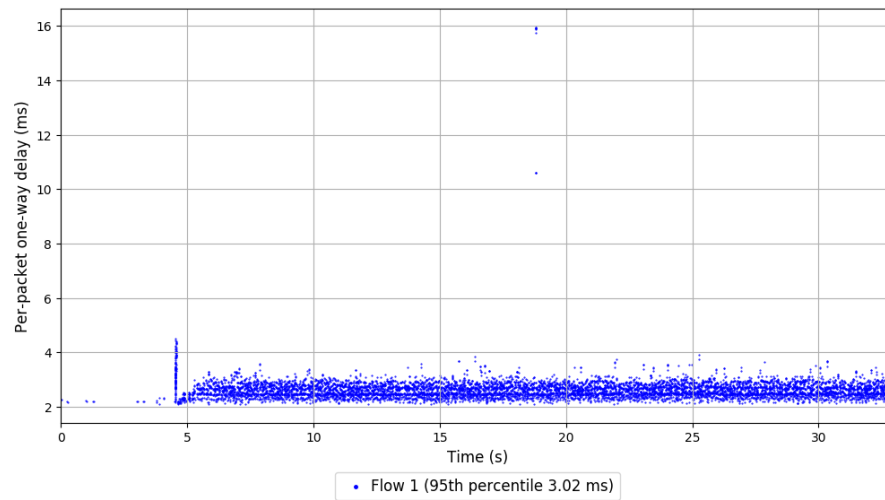
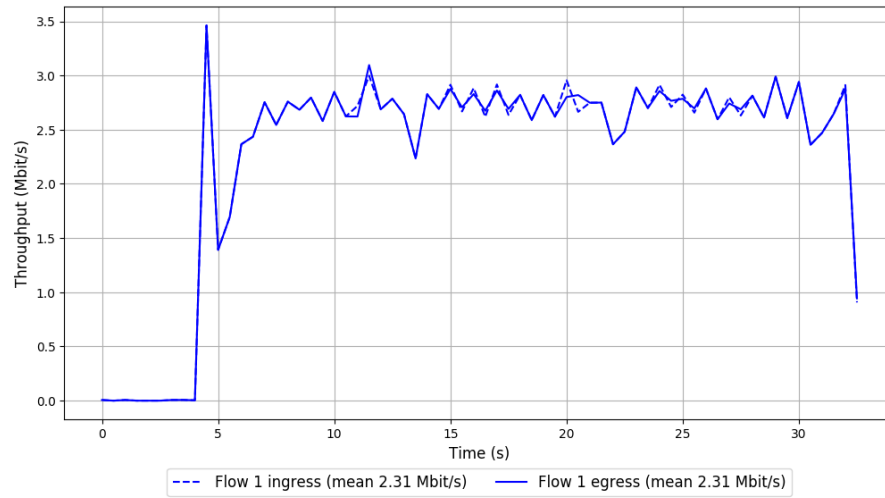
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 3.022 ms

Loss rate: 0.00%

# Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2018-01-16 13:34:37

End at: 2018-01-16 13:35:07

Local clock offset: -2.966 ms

Remote clock offset: 0.218 ms

# Below is generated by plot.py at 2018-01-16 17:36:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.28 Mbit/s

95th percentile per-packet one-way delay: 11.932 ms

Loss rate: 0.00%

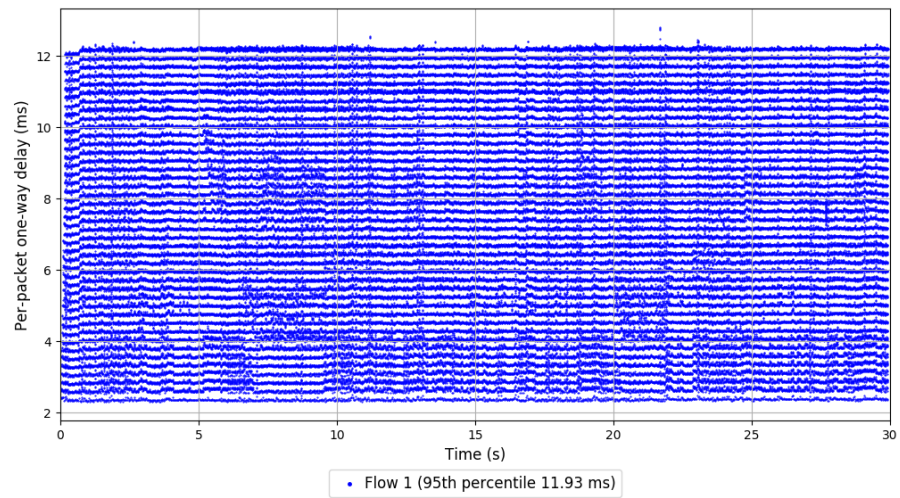
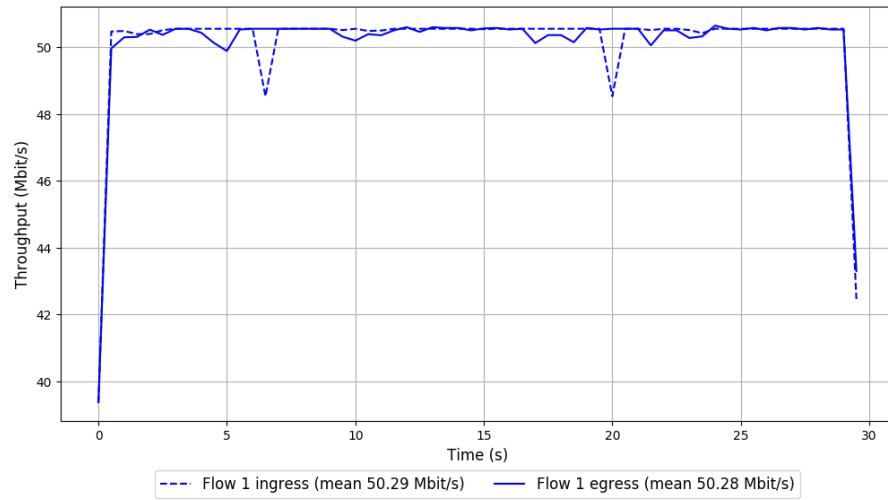
-- Flow 1:

Average throughput: 50.28 Mbit/s

95th percentile per-packet one-way delay: 11.932 ms

Loss rate: 0.00%

# Run 1: Report of Sprout — Data Link

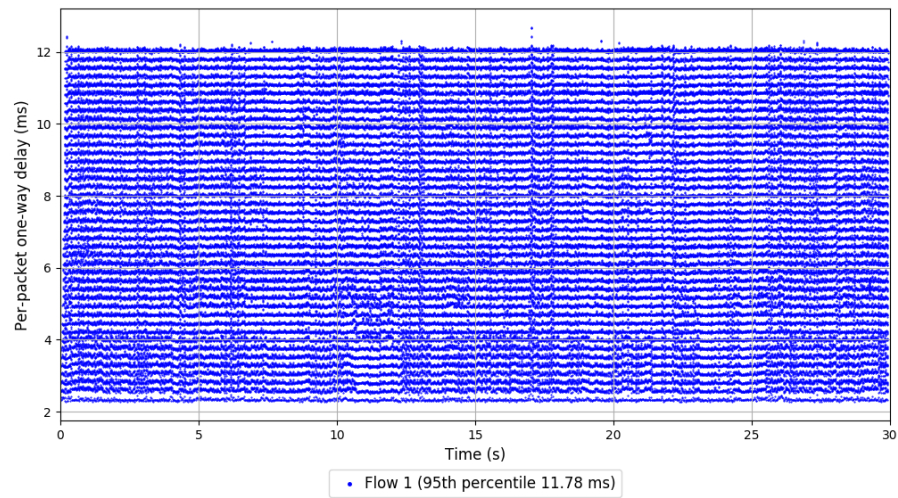
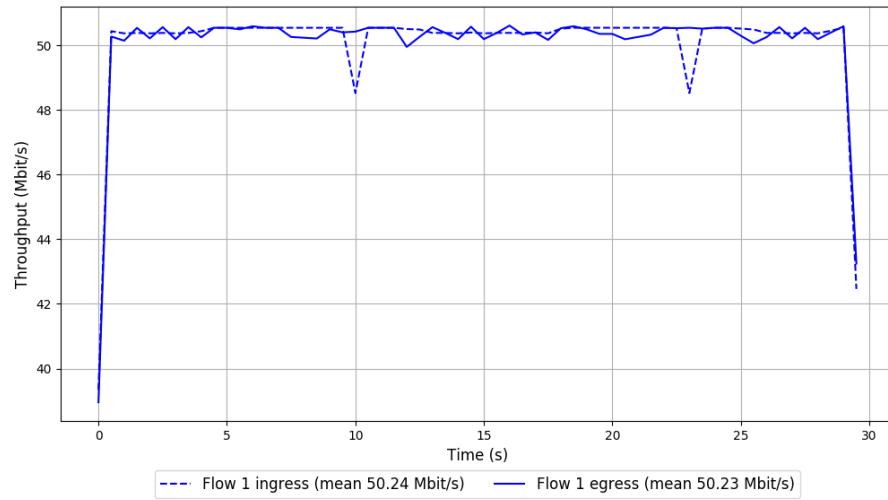


Run 2: Statistics of Sprout

Start at: 2018-01-16 13:55:07  
End at: 2018-01-16 13:55:37  
Local clock offset: -2.54 ms  
Remote clock offset: -0.422 ms

# Below is generated by plot.py at 2018-01-16 17:36:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.23 Mbit/s  
95th percentile per-packet one-way delay: 11.779 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.23 Mbit/s  
95th percentile per-packet one-way delay: 11.779 ms  
Loss rate: 0.00%

## Run 2: Report of Sprout — Data Link



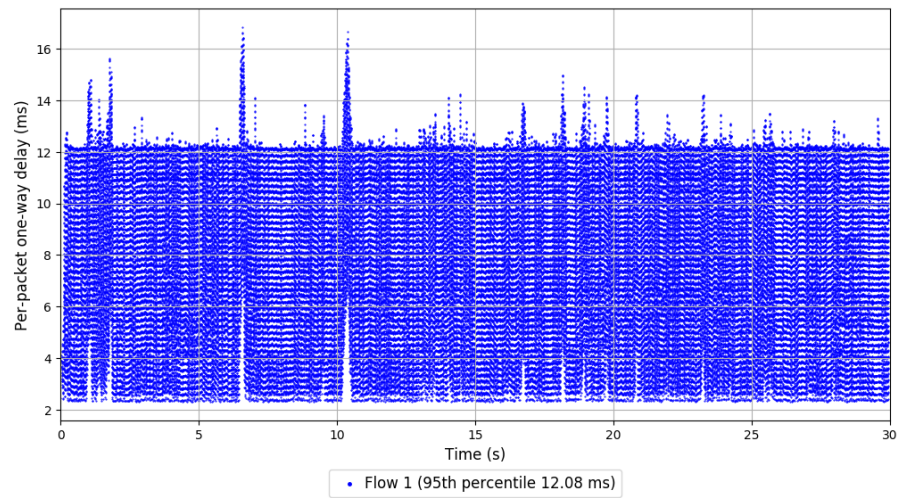
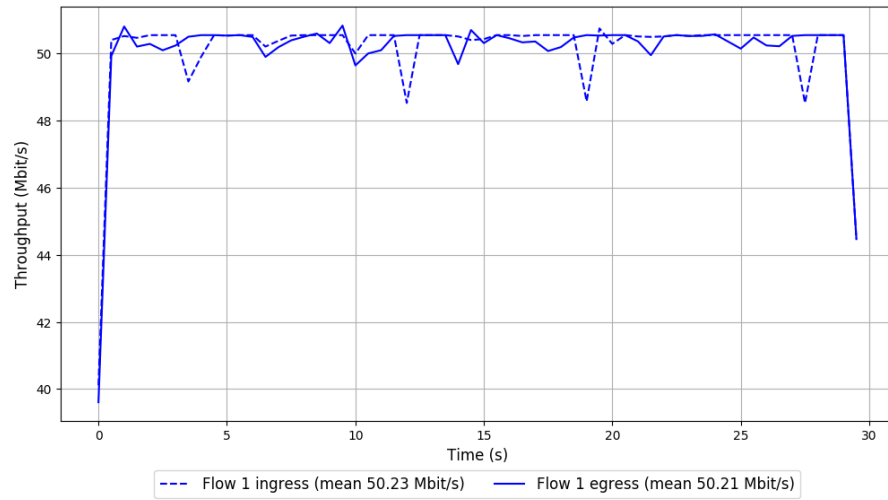
Run 3: Statistics of Sprout

Start at: 2018-01-16 14:15:34  
End at: 2018-01-16 14:16:04  
Local clock offset: -2.053 ms  
Remote clock offset: -0.124 ms

# Below is generated by plot.py at 2018-01-16 17:36:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 12.080 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 12.080 ms  
Loss rate: 0.00%



### Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-01-16 14:36:00

End at: 2018-01-16 14:36:30

Local clock offset: -1.187 ms

Remote clock offset: 0.058 ms

# Below is generated by plot.py at 2018-01-16 17:36:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.29 Mbit/s

95th percentile per-packet one-way delay: 11.955 ms

Loss rate: 0.00%

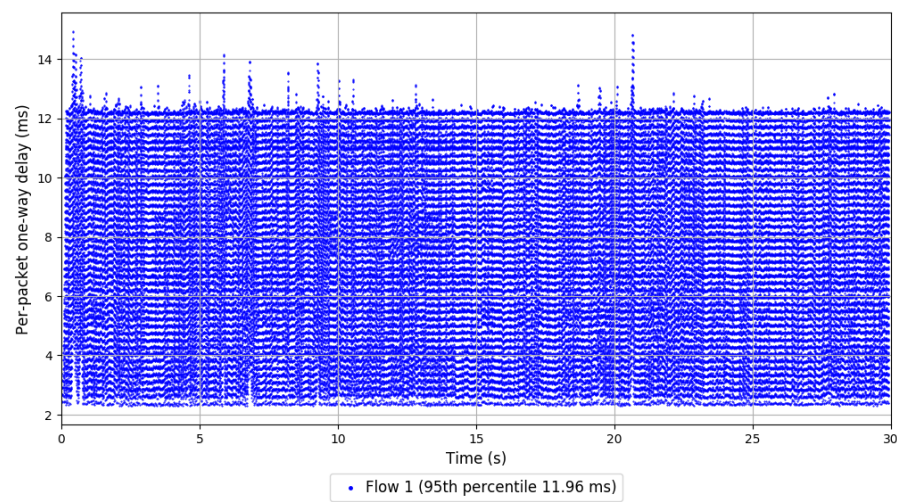
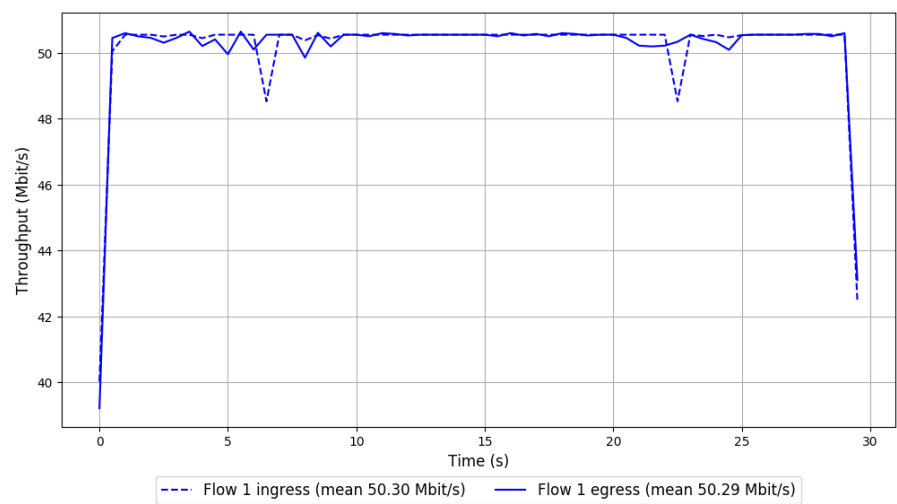
-- Flow 1:

Average throughput: 50.29 Mbit/s

95th percentile per-packet one-way delay: 11.955 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-01-16 14:56:25

End at: 2018-01-16 14:56:55

Local clock offset: -0.524 ms

Remote clock offset: 0.22 ms

# Below is generated by plot.py at 2018-01-16 17:36:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.04 Mbit/s

95th percentile per-packet one-way delay: 12.862 ms

Loss rate: 0.00%

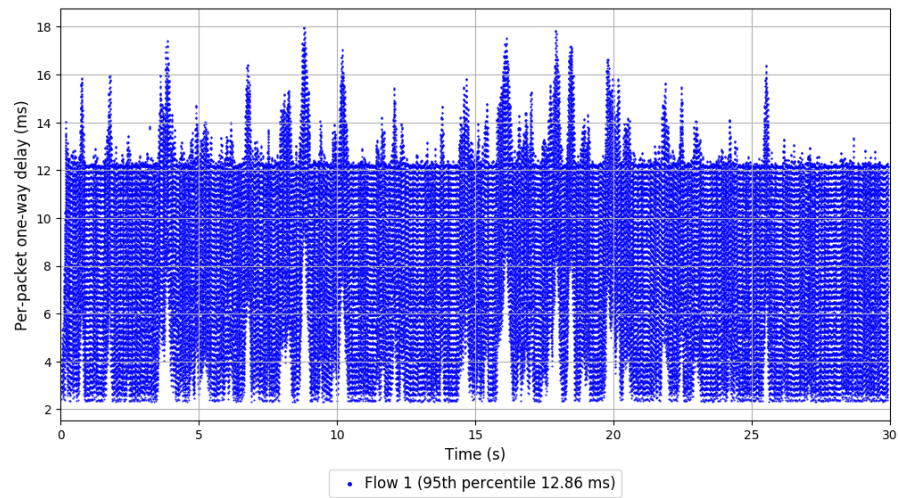
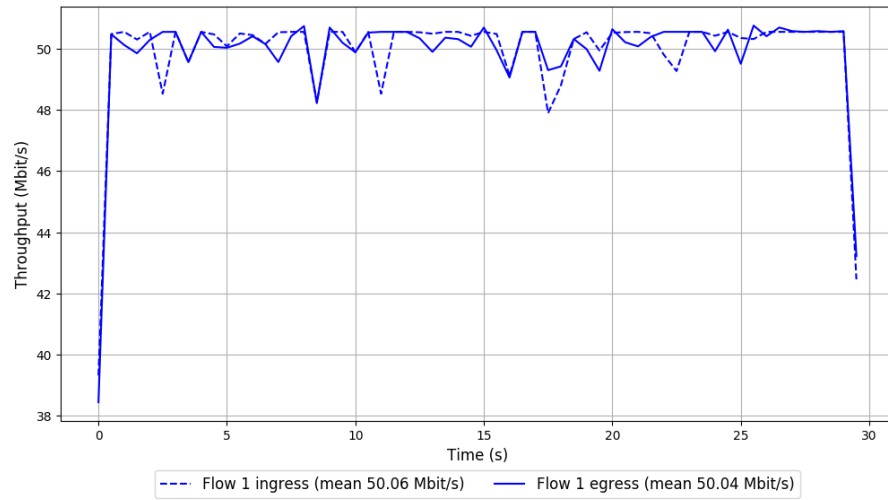
-- Flow 1:

Average throughput: 50.04 Mbit/s

95th percentile per-packet one-way delay: 12.862 ms

Loss rate: 0.00%

### Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-01-16 15:16:58

End at: 2018-01-16 15:17:28

Local clock offset: 0.028 ms

Remote clock offset: 0.445 ms

# Below is generated by plot.py at 2018-01-16 17:36:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.39 Mbit/s

95th percentile per-packet one-way delay: 11.912 ms

Loss rate: 0.00%

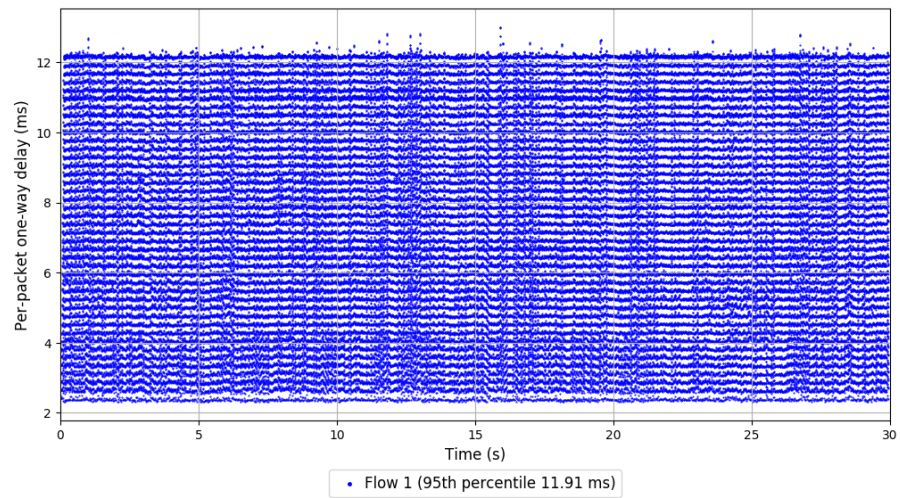
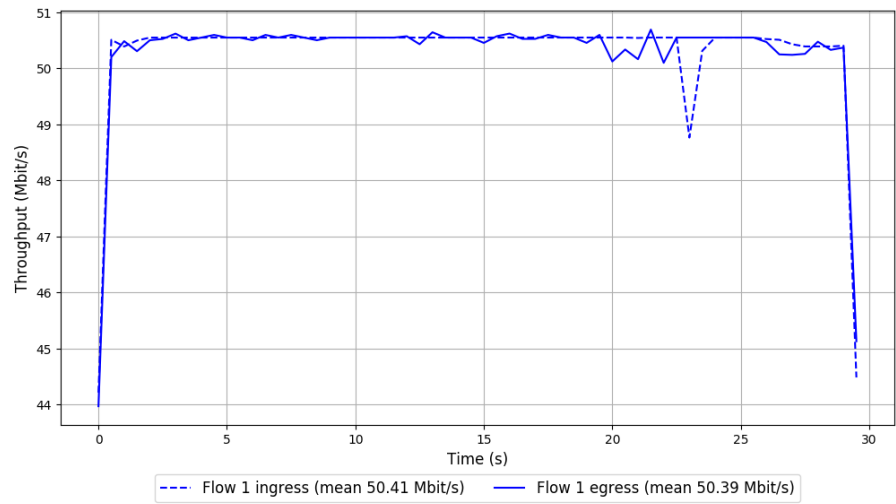
-- Flow 1:

Average throughput: 50.39 Mbit/s

95th percentile per-packet one-way delay: 11.912 ms

Loss rate: 0.00%

## Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-01-16 15:37:24

End at: 2018-01-16 15:37:54

Local clock offset: 0.536 ms

Remote clock offset: 0.512 ms

# Below is generated by plot.py at 2018-01-16 17:36:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.31 Mbit/s

95th percentile per-packet one-way delay: 11.807 ms

Loss rate: 0.00%

-- Flow 1:

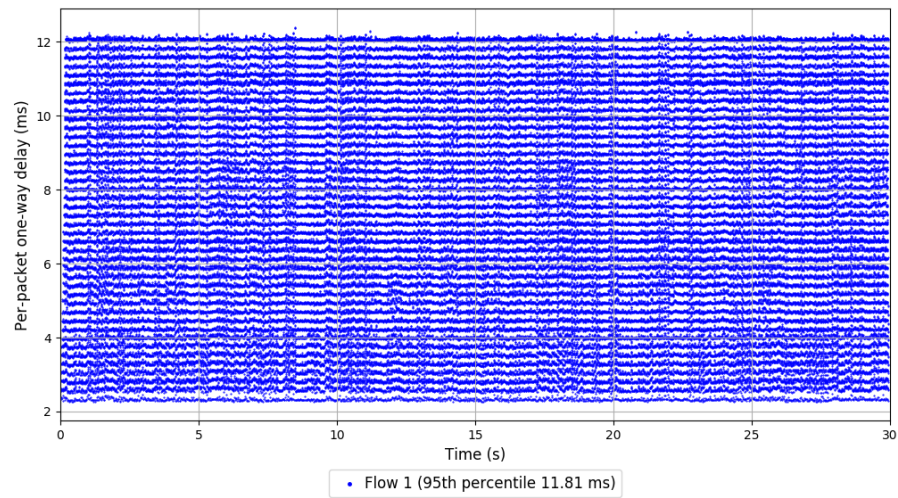
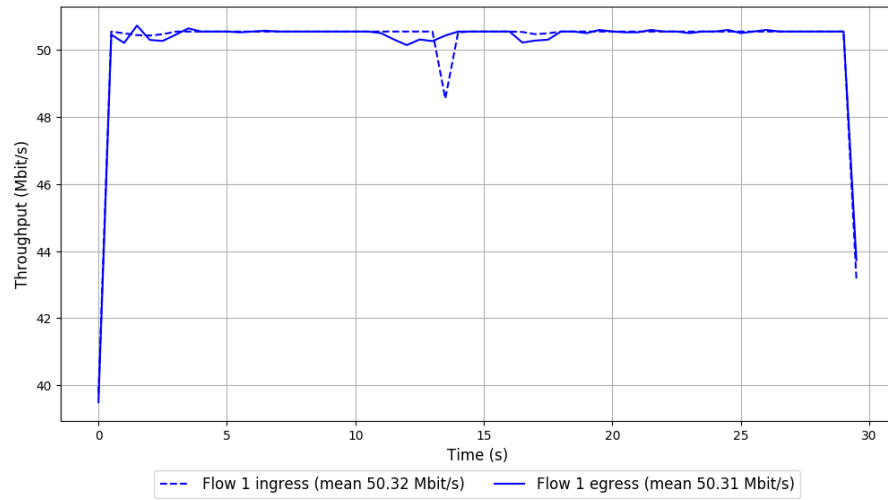
Average throughput: 50.31 Mbit/s

95th percentile per-packet one-way delay: 11.807 ms

Loss rate: 0.00%



## Run 7: Report of Sprout — Data Link

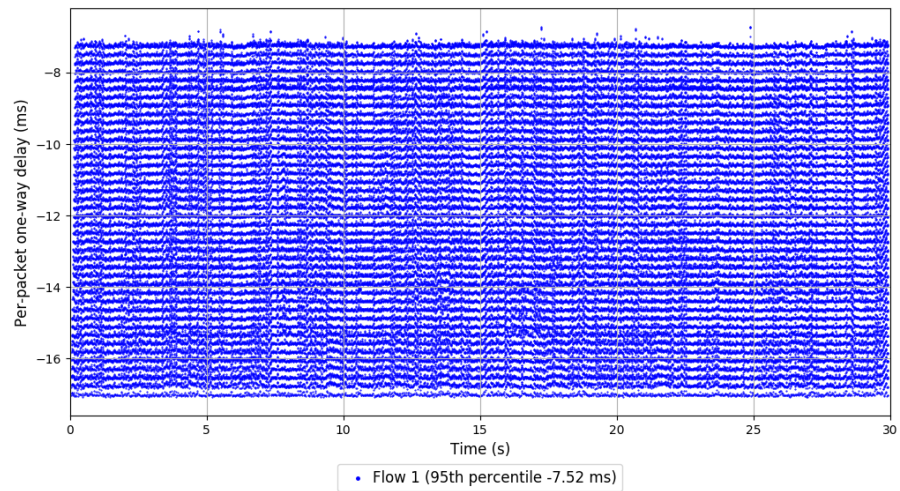
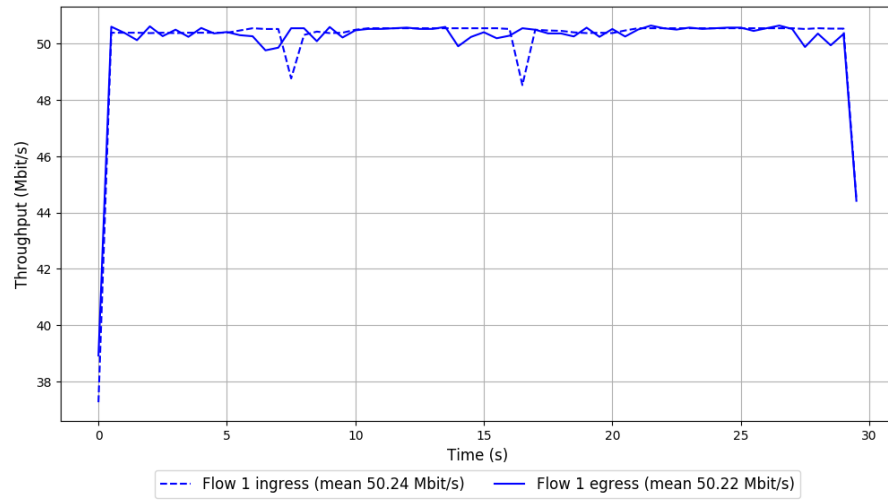


Run 8: Statistics of Sprout

Start at: 2018-01-16 15:57:46  
End at: 2018-01-16 15:58:16  
Local clock offset: 0.827 ms  
Remote clock offset: -18.739 ms

# Below is generated by plot.py at 2018-01-16 17:36:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.22 Mbit/s  
95th percentile per-packet one-way delay: -7.518 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.22 Mbit/s  
95th percentile per-packet one-way delay: -7.518 ms  
Loss rate: 0.00%

### Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-01-16 16:18:12

End at: 2018-01-16 16:18:42

Local clock offset: 1.007 ms

Remote clock offset: 0.364 ms

# Below is generated by plot.py at 2018-01-16 17:36:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.30 Mbit/s

95th percentile per-packet one-way delay: 11.774 ms

Loss rate: 0.00%

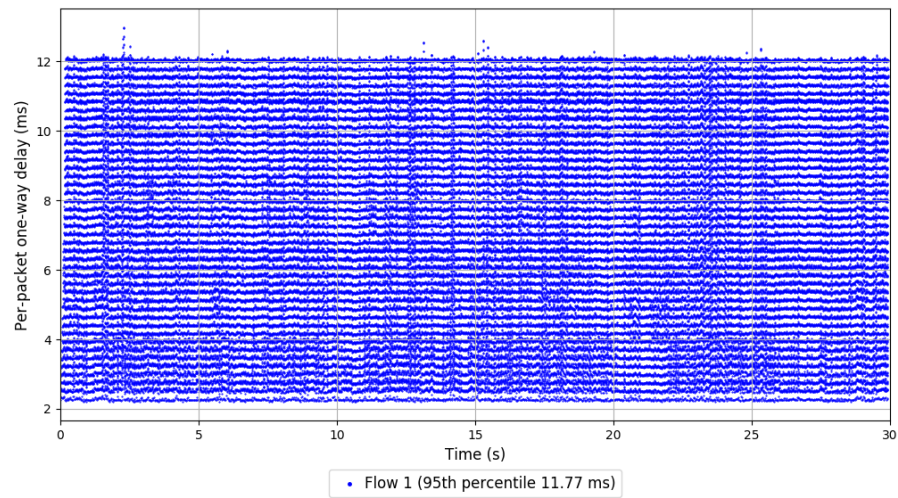
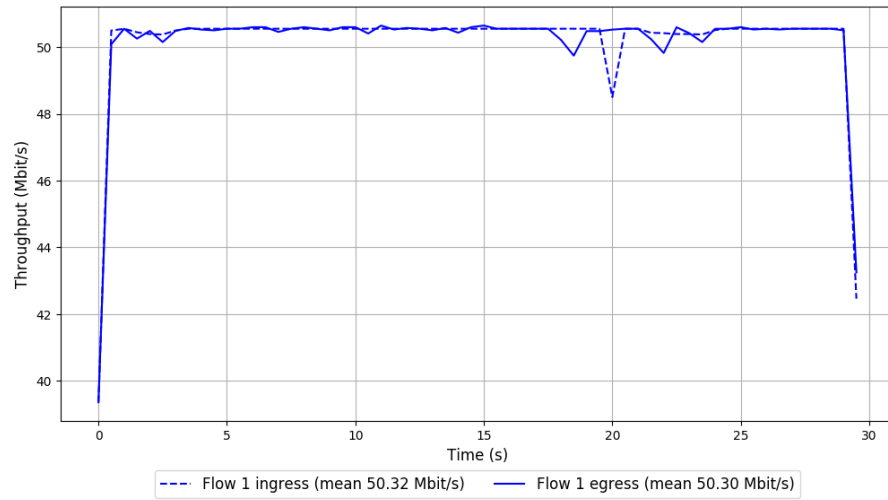
-- Flow 1:

Average throughput: 50.30 Mbit/s

95th percentile per-packet one-way delay: 11.774 ms

Loss rate: 0.00%

## Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-01-16 16:38:40

End at: 2018-01-16 16:39:10

Local clock offset: 1.185 ms

Remote clock offset: 0.238 ms

# Below is generated by plot.py at 2018-01-16 17:37:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.05 Mbit/s

95th percentile per-packet one-way delay: 12.210 ms

Loss rate: 0.00%

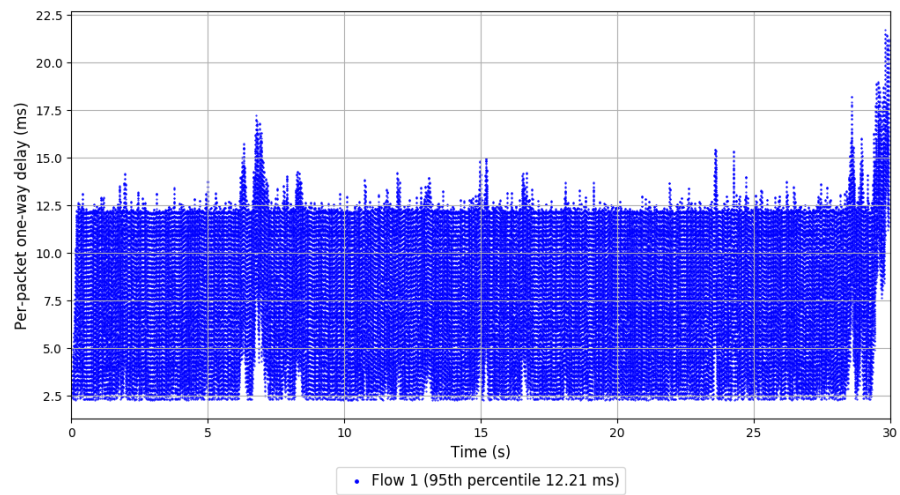
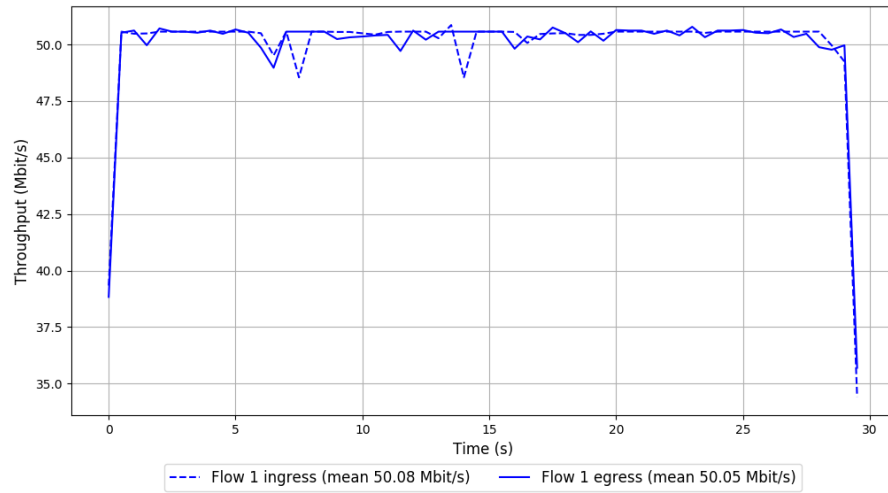
-- Flow 1:

Average throughput: 50.05 Mbit/s

95th percentile per-packet one-way delay: 12.210 ms

Loss rate: 0.00%

## Run 10: Report of Sprout — Data Link



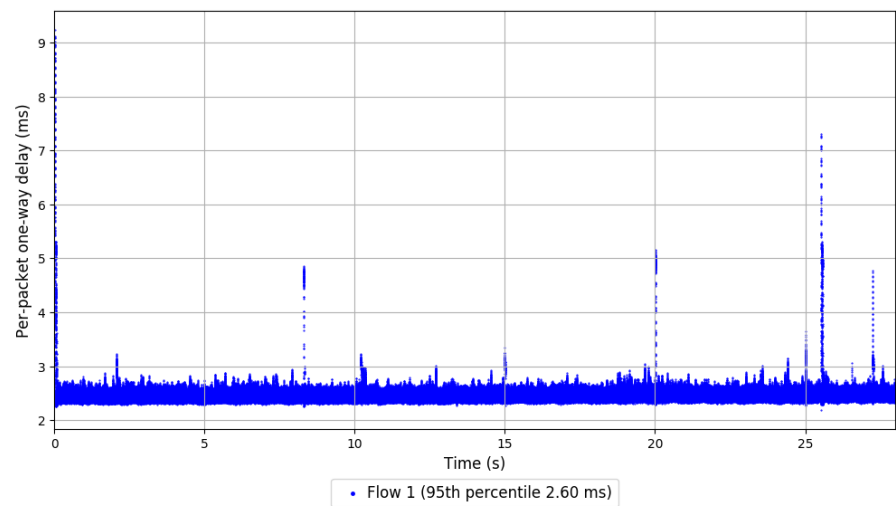
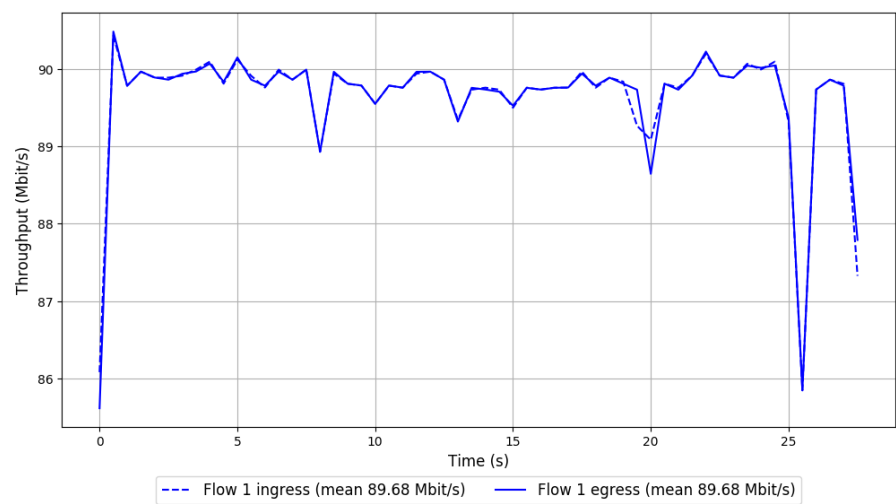
```
Run 1: Statistics of TaoVA-100x

Start at: 2018-01-16 13:37:56
End at: 2018-01-16 13:38:26
Local clock offset: -2.938 ms
Remote clock offset: -0.012 ms

# Below is generated by plot.py at 2018-01-16 17:38:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 2.595 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 2.595 ms
Loss rate: 0.00%
```



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



Run 2: Statistics of TaoVA-100x

Start at: 2018-01-16 13:58:26

End at: 2018-01-16 13:58:56

Local clock offset: -2.493 ms

Remote clock offset: -0.408 ms

# Below is generated by plot.py at 2018-01-16 17:38:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.80 Mbit/s

95th percentile per-packet one-way delay: 2.555 ms

Loss rate: 0.00%

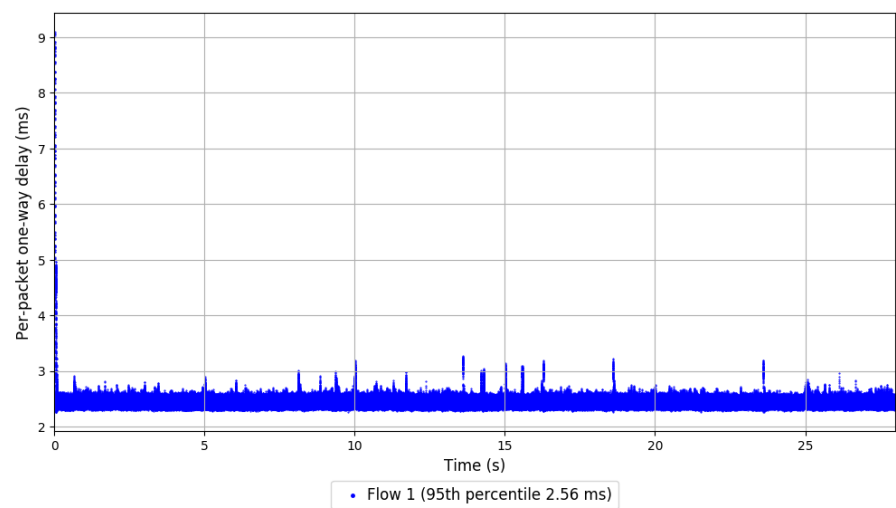
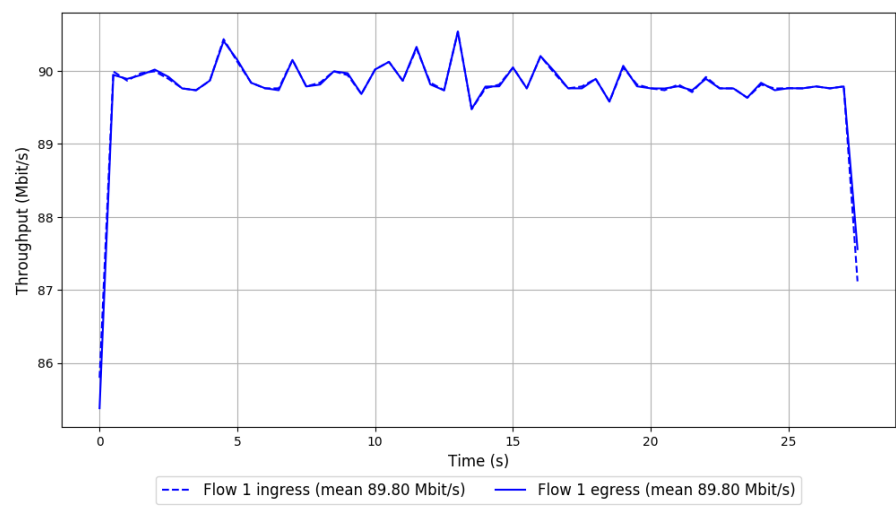
-- Flow 1:

Average throughput: 89.80 Mbit/s

95th percentile per-packet one-way delay: 2.555 ms

Loss rate: 0.00%

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

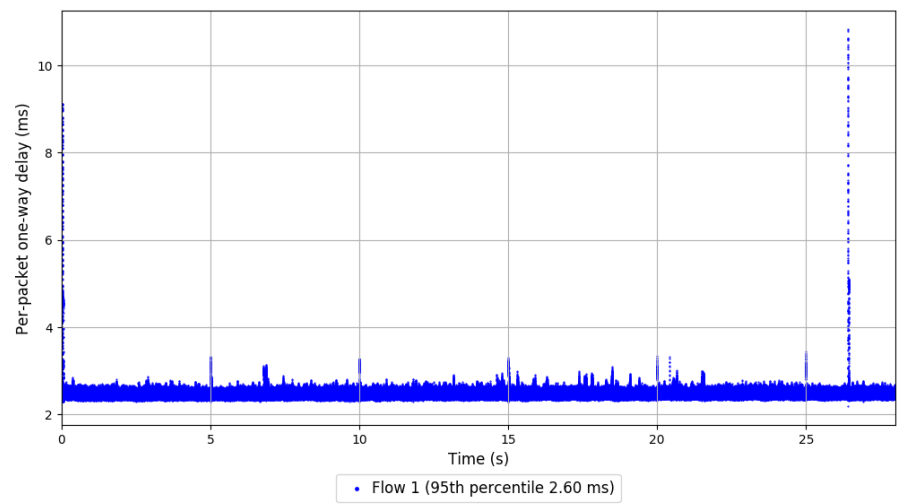
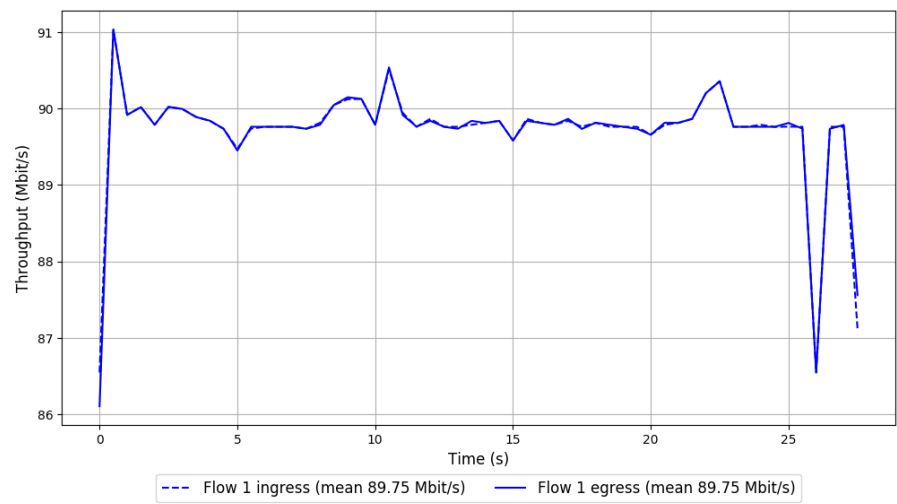


Run 3: Statistics of TaoVA-100x

Start at: 2018-01-16 14:18:53  
End at: 2018-01-16 14:19:23  
Local clock offset: -1.894 ms  
Remote clock offset: -0.097 ms

# Below is generated by plot.py at 2018-01-16 17:38:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.75 Mbit/s  
95th percentile per-packet one-way delay: 2.595 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 89.75 Mbit/s  
95th percentile per-packet one-way delay: 2.595 ms  
Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-01-16 14:39:19

End at: 2018-01-16 14:39:49

Local clock offset: -1.064 ms

Remote clock offset: 0.062 ms

# Below is generated by plot.py at 2018-01-16 17:38:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.70 Mbit/s

95th percentile per-packet one-way delay: 2.623 ms

Loss rate: 0.00%

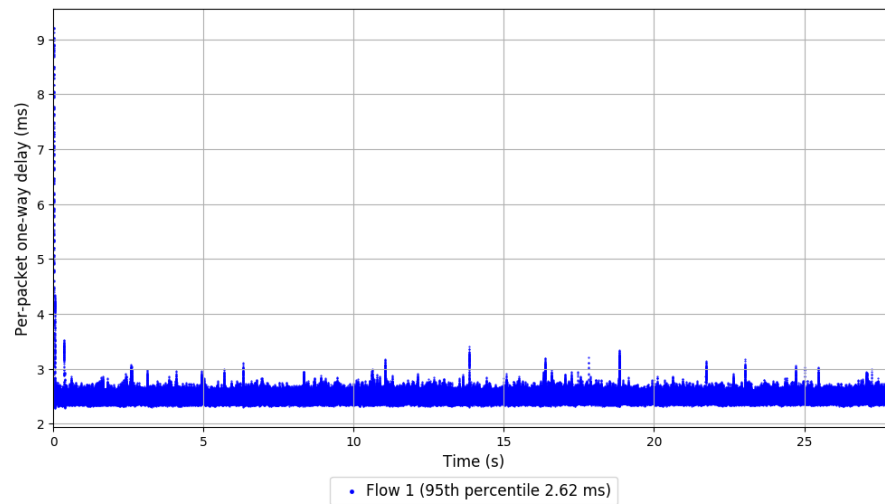
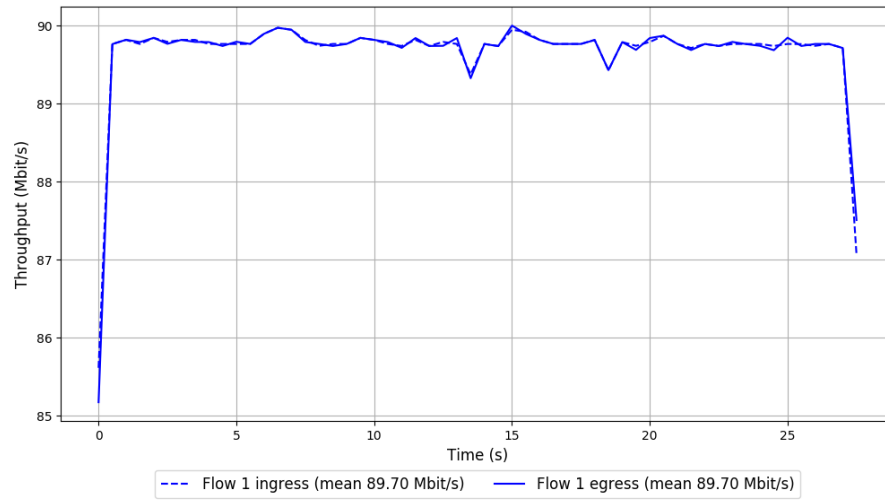
-- Flow 1:

Average throughput: 89.70 Mbit/s

95th percentile per-packet one-way delay: 2.623 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-01-16 14:59:44

End at: 2018-01-16 15:00:14

Local clock offset: -0.421 ms

Remote clock offset: 0.277 ms

# Below is generated by plot.py at 2018-01-16 17:38:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 2.647 ms

Loss rate: 0.00%

-- Flow 1:

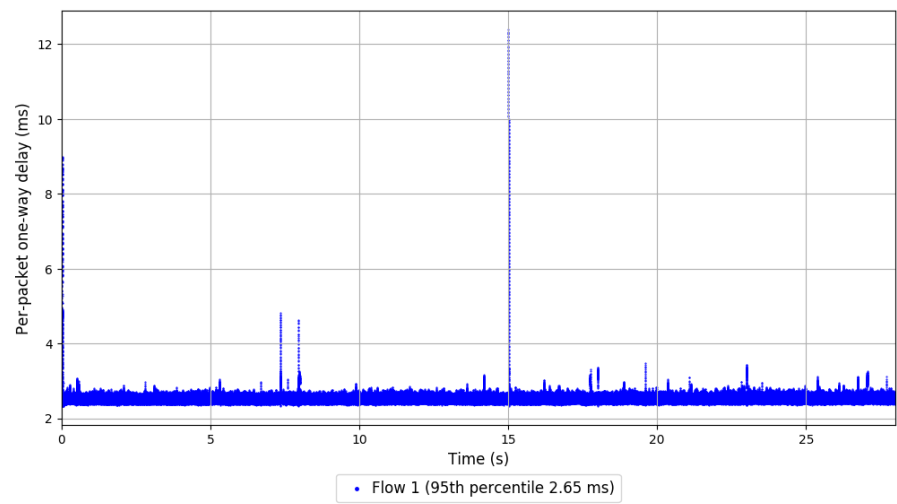
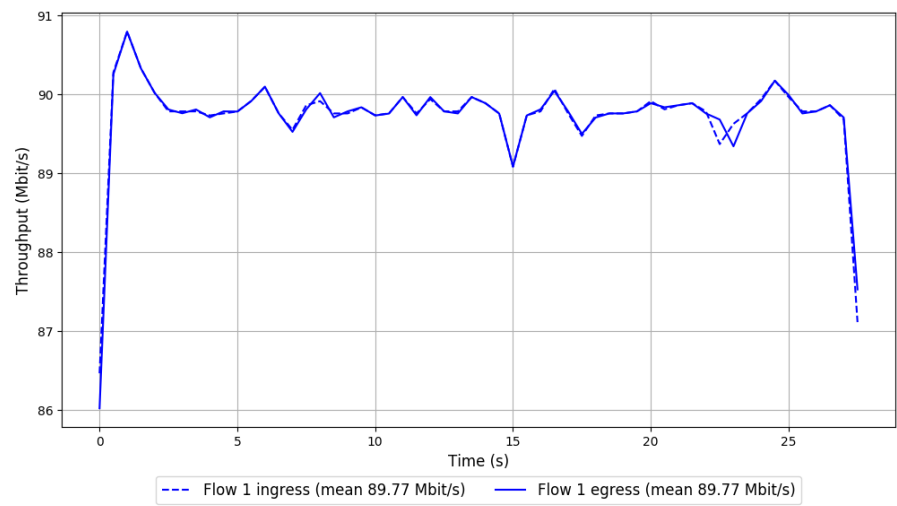
Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 2.647 ms

Loss rate: 0.00%



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



Run 6: Statistics of TaoVA-100x

Start at: 2018-01-16 15:20:17

End at: 2018-01-16 15:20:47

Local clock offset: 0.105 ms

Remote clock offset: 0.366 ms

# Below is generated by plot.py at 2018-01-16 17:38:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.90 Mbit/s

95th percentile per-packet one-way delay: 2.699 ms

Loss rate: 0.00%

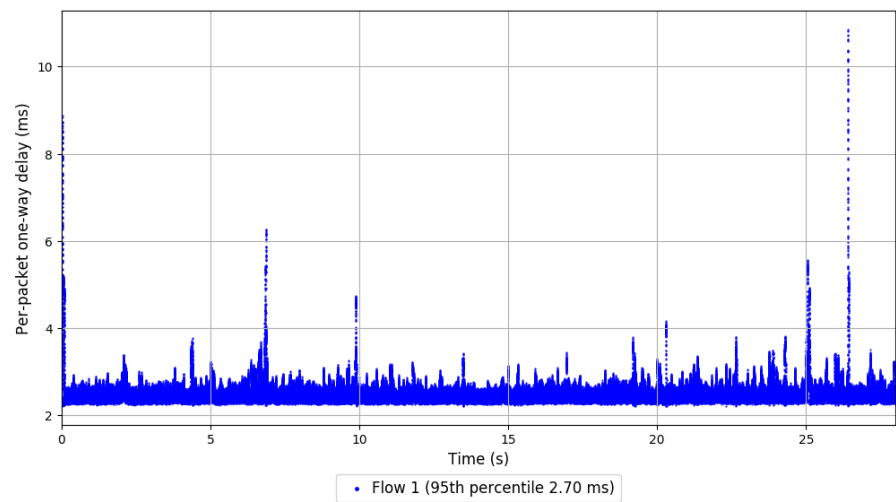
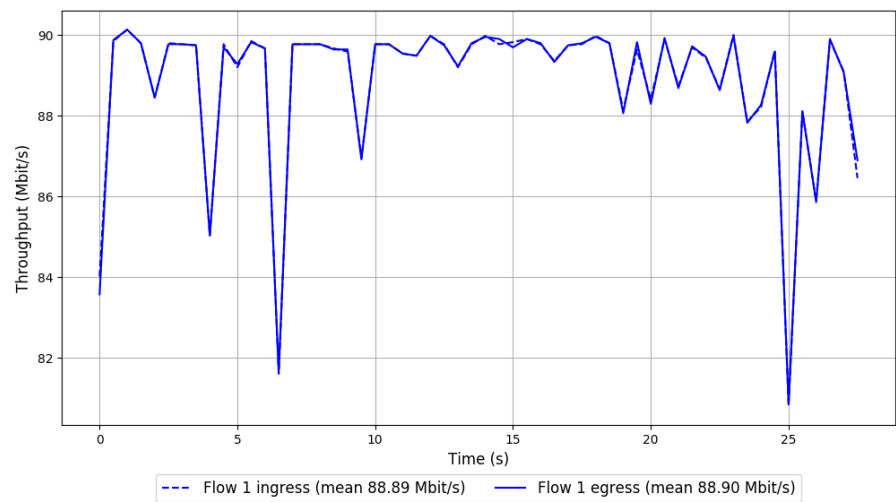
-- Flow 1:

Average throughput: 88.90 Mbit/s

95th percentile per-packet one-way delay: 2.699 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-01-16 15:40:43

End at: 2018-01-16 15:41:13

Local clock offset: 0.521 ms

Remote clock offset: 0.535 ms

# Below is generated by plot.py at 2018-01-16 17:39:22

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.68 Mbit/s

95th percentile per-packet one-way delay: 2.736 ms

Loss rate: 0.00%

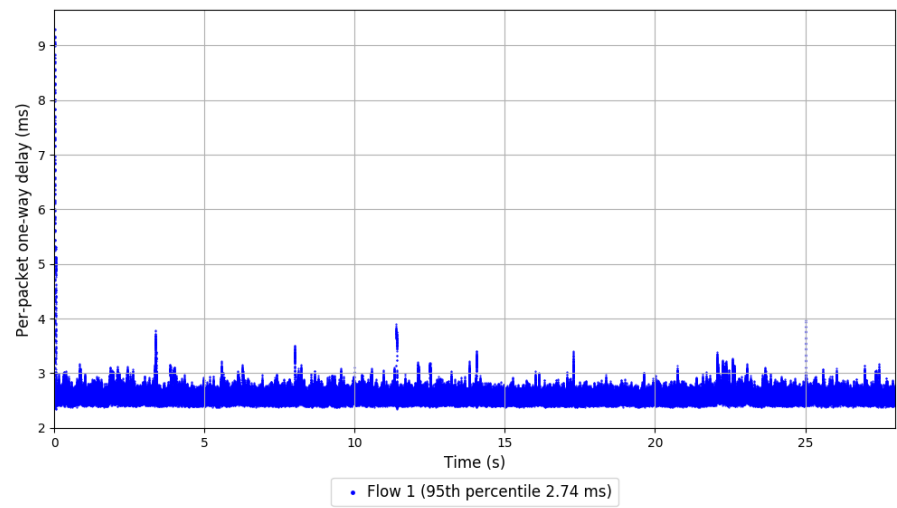
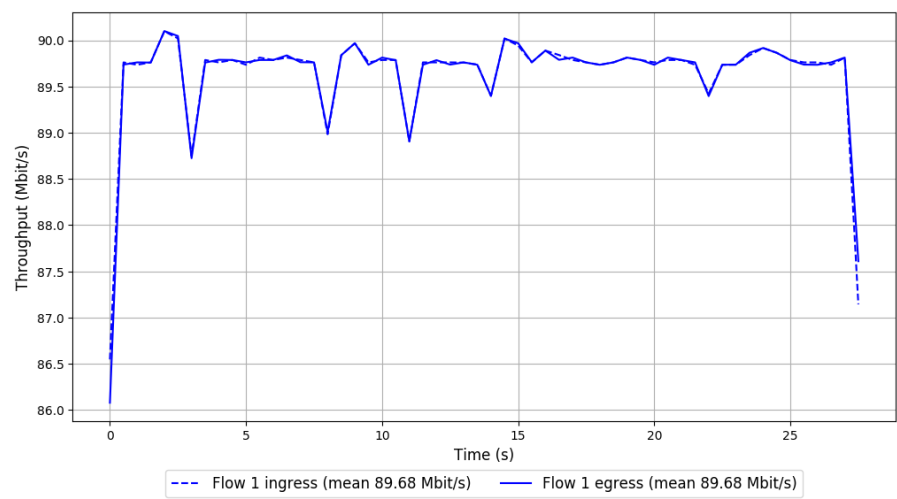
-- Flow 1:

Average throughput: 89.68 Mbit/s

95th percentile per-packet one-way delay: 2.736 ms

Loss rate: 0.00%

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

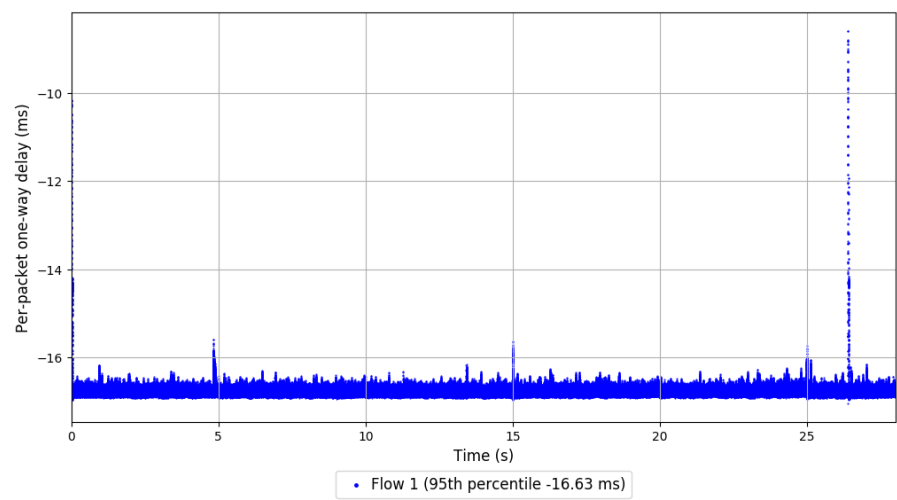
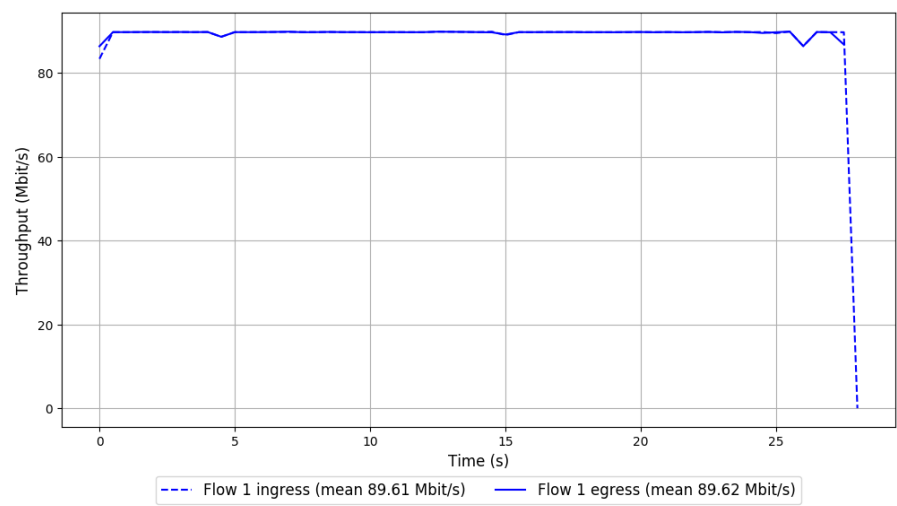


Run 8: Statistics of TaoVA-100x

Start at: 2018-01-16 16:01:05  
End at: 2018-01-16 16:01:35  
Local clock offset: 0.861 ms  
Remote clock offset: -18.634 ms

# Below is generated by plot.py at 2018-01-16 17:39:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.62 Mbit/s  
95th percentile per-packet one-way delay: -16.627 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 89.62 Mbit/s  
95th percentile per-packet one-way delay: -16.627 ms  
Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-01-16 16:21:31

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

Local clock offset: 1.035 ms

Remote clock offset: 0.396 ms

# Below is generated by plot.py at 2018-01-16 17:40:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.47 Mbit/s

95th percentile per-packet one-way delay: 6.695 ms

Loss rate: 0.00%

-- Flow 1:

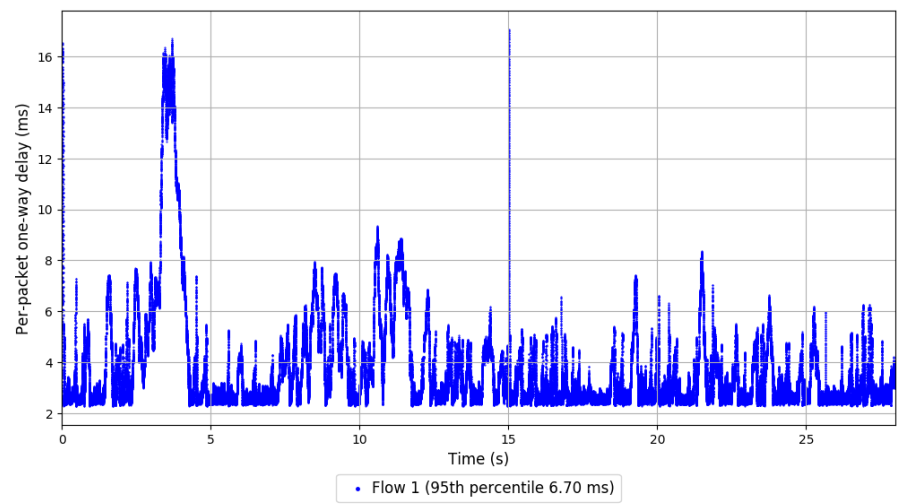
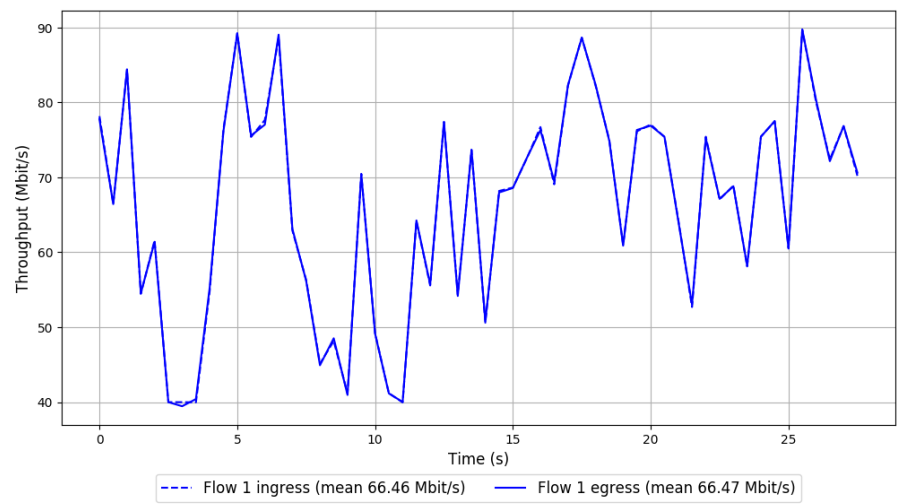
Average throughput: 66.47 Mbit/s

95th percentile per-packet one-way delay: 6.695 ms

Loss rate: 0.00%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-01-16 16:41:56

End at: 2018-01-16 16:42:26

Local clock offset: 1.125 ms

Remote clock offset: 0.107 ms

# Below is generated by plot.py at 2018-01-16 17:41:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.18 Mbit/s

95th percentile per-packet one-way delay: 2.841 ms

Loss rate: 0.00%

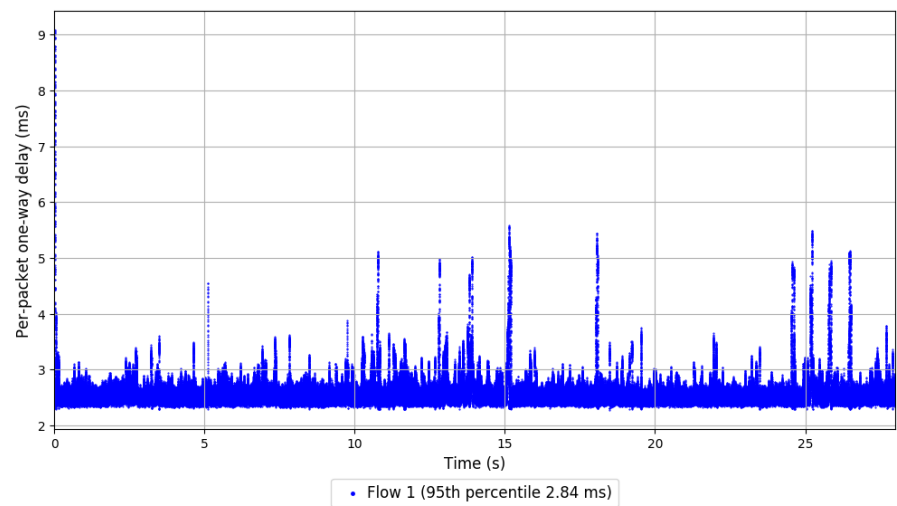
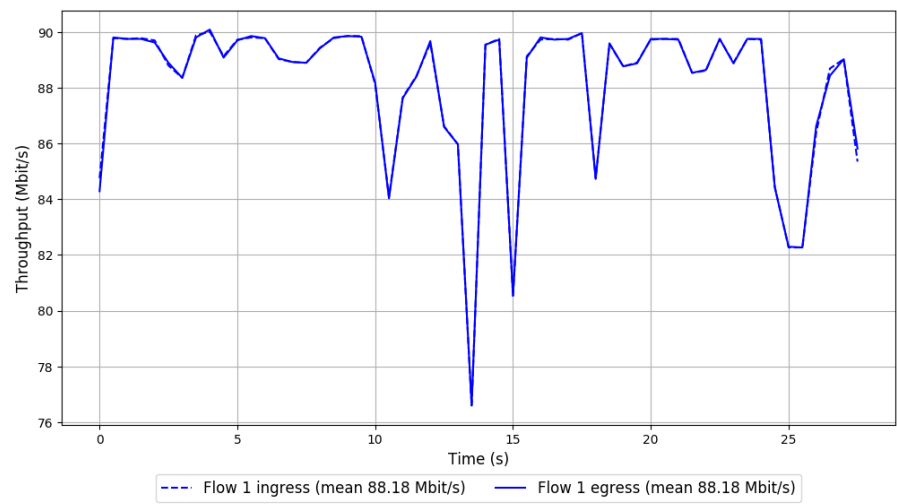
-- Flow 1:

Average throughput: 88.18 Mbit/s

95th percentile per-packet one-way delay: 2.841 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-01-16 13:43:47

End at: 2018-01-16 13:44:17

Local clock offset: -2.755 ms

Remote clock offset: -0.15 ms

# Below is generated by plot.py at 2018-01-16 17:41:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.21 Mbit/s

95th percentile per-packet one-way delay: 6.577 ms

Loss rate: 0.00%

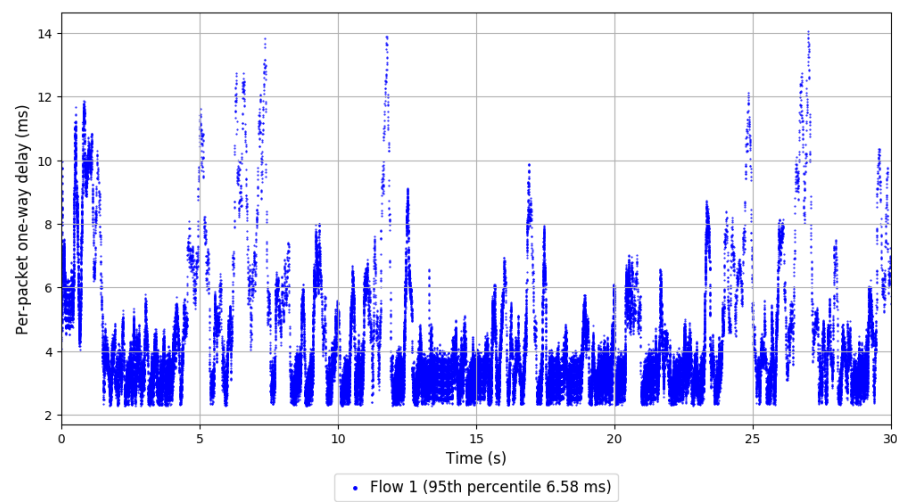
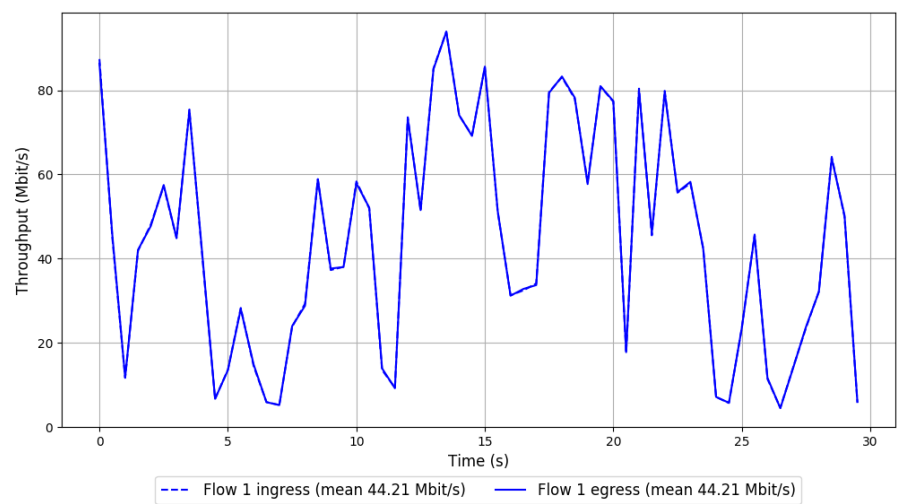
-- Flow 1:

Average throughput: 44.21 Mbit/s

95th percentile per-packet one-way delay: 6.577 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

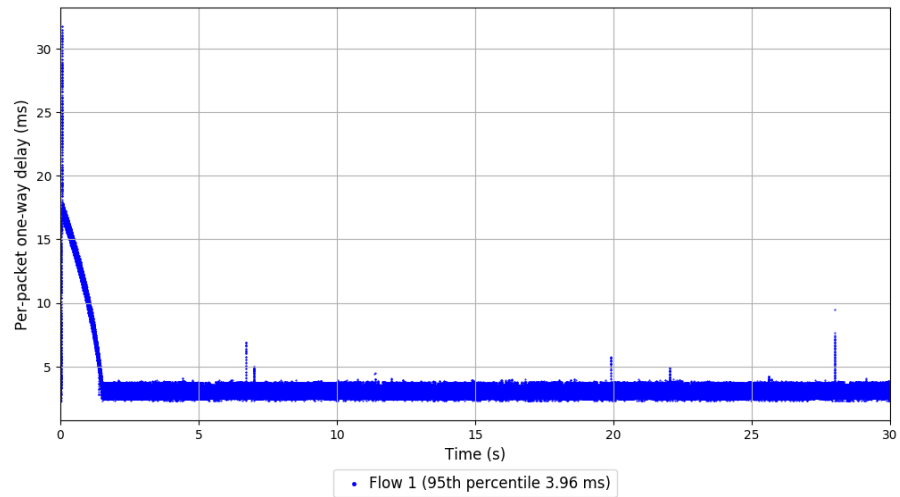
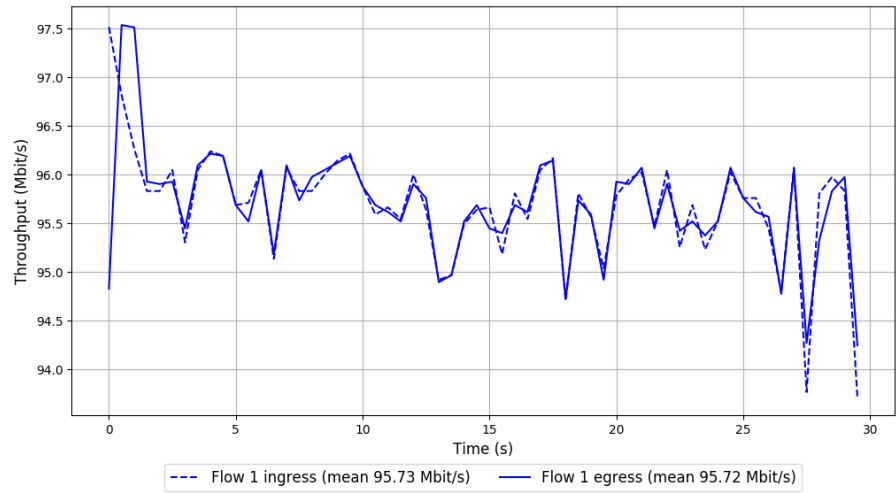


Run 2: Statistics of TCP Vegas

Start at: 2018-01-16 14:04:18  
End at: 2018-01-16 14:04:48  
Local clock offset: -2.437 ms  
Remote clock offset: -0.312 ms

# Below is generated by plot.py at 2018-01-16 17:41:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.72 Mbit/s  
95th percentile per-packet one-way delay: 3.955 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 95.72 Mbit/s  
95th percentile per-packet one-way delay: 3.955 ms  
Loss rate: 0.00%

## Run 2: Report of TCP Vegas — Data Link



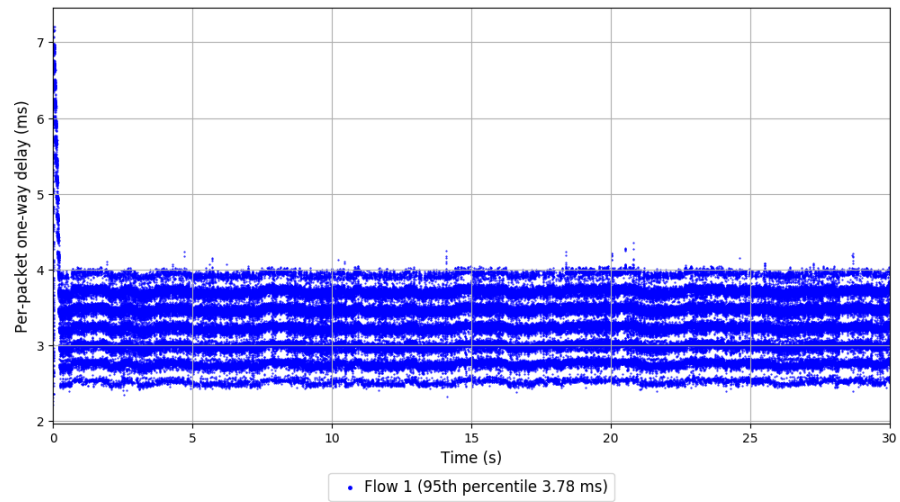
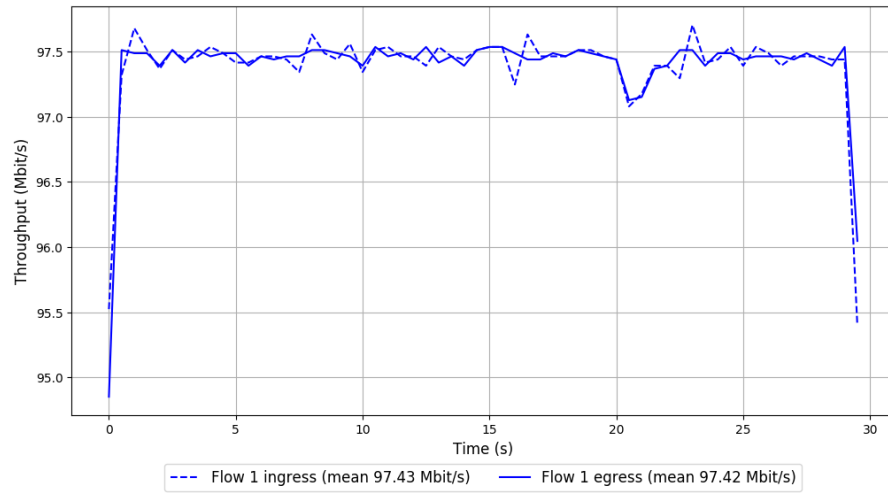
Run 3: Statistics of TCP Vegas

Start at: 2018-01-16 14:24:44  
End at: 2018-01-16 14:25:15  
Local clock offset: -1.63 ms  
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2018-01-16 17:41:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.42 Mbit/s  
95th percentile per-packet one-way delay: 3.782 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.42 Mbit/s  
95th percentile per-packet one-way delay: 3.782 ms  
Loss rate: 0.00%



### Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-01-16 14:45:11

End at: 2018-01-16 14:45:41

Local clock offset: -0.905 ms

Remote clock offset: 0.116 ms

# Below is generated by plot.py at 2018-01-16 17:41:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 51.40 Mbit/s

95th percentile per-packet one-way delay: 7.691 ms

Loss rate: 0.00%

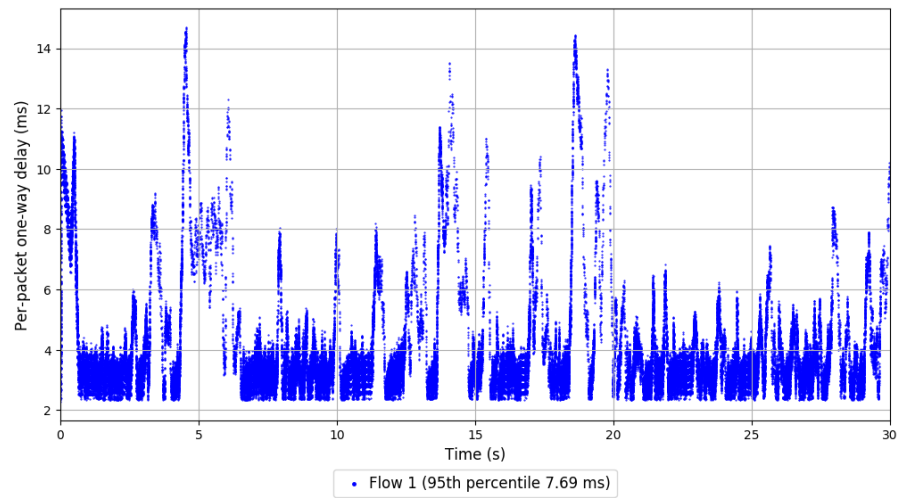
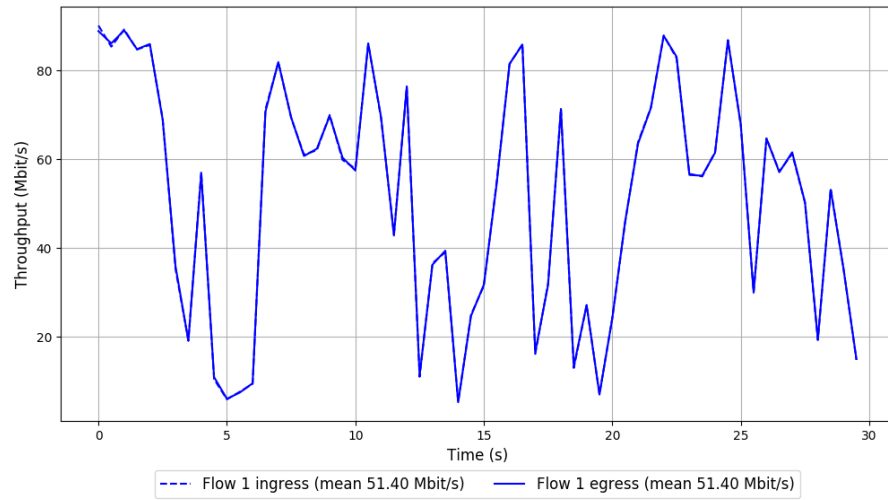
-- Flow 1:

Average throughput: 51.40 Mbit/s

95th percentile per-packet one-way delay: 7.691 ms

Loss rate: 0.00%

#### Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-01-16 15:05:36

End at: 2018-01-16 15:06:06

Local clock offset: -0.322 ms

Remote clock offset: 0.269 ms

# Below is generated by plot.py at 2018-01-16 17:41:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.38 Mbit/s

95th percentile per-packet one-way delay: 3.774 ms

Loss rate: 0.00%

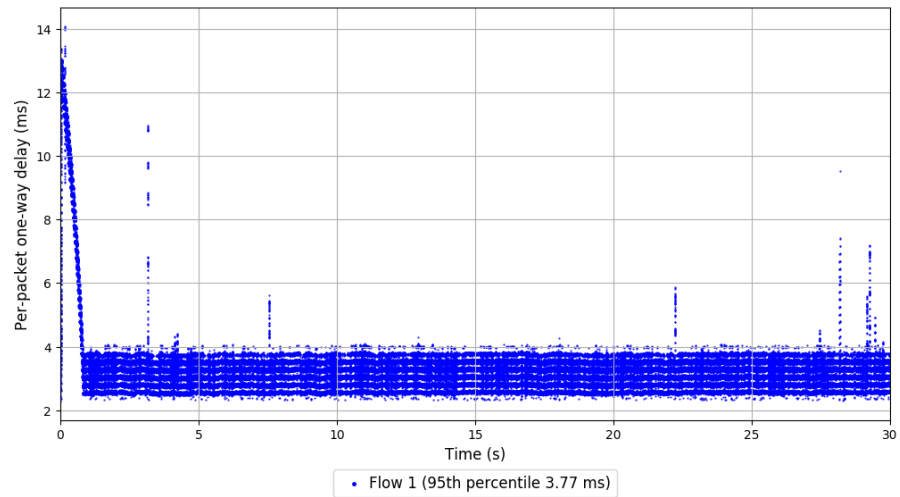
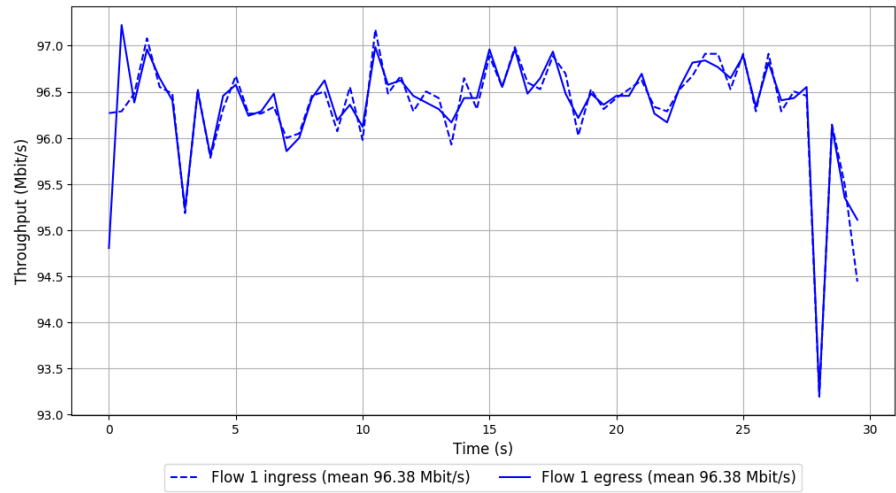
-- Flow 1:

Average throughput: 96.38 Mbit/s

95th percentile per-packet one-way delay: 3.774 ms

Loss rate: 0.00%

### Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-01-16 15:26:08

End at: 2018-01-16 15:26:38

Local clock offset: 0.273 ms

Remote clock offset: 0.489 ms

# Below is generated by plot.py at 2018-01-16 17:41:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.68 Mbit/s

95th percentile per-packet one-way delay: 4.127 ms

Loss rate: 0.00%

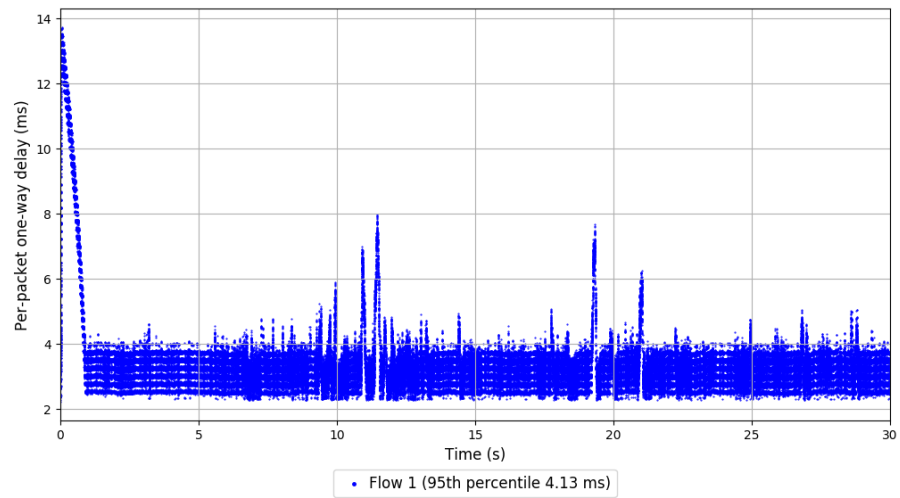
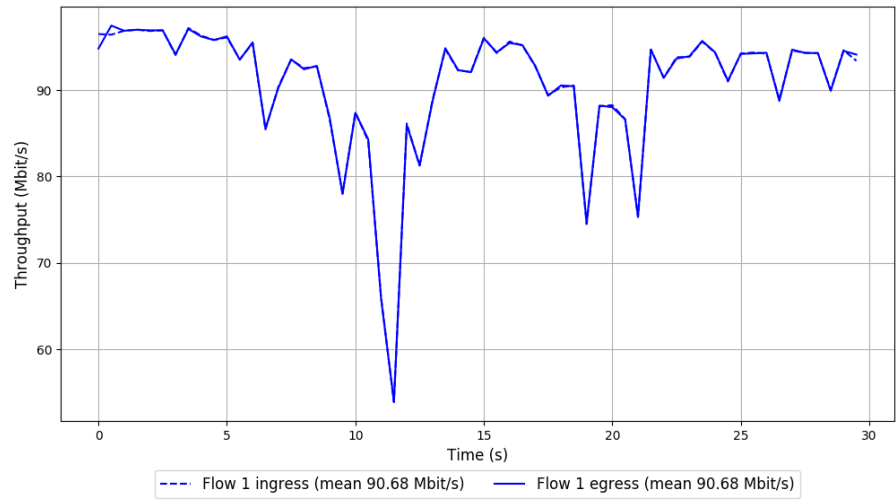
-- Flow 1:

Average throughput: 90.68 Mbit/s

95th percentile per-packet one-way delay: 4.127 ms

Loss rate: 0.00%

## Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-01-16 15:46:34

End at: 2018-01-16 15:47:04

Local clock offset: 0.688 ms

Remote clock offset: 0.548 ms

# Below is generated by plot.py at 2018-01-16 17:41:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.23 Mbit/s

95th percentile per-packet one-way delay: 37.270 ms

Loss rate: 0.04%

-- Flow 1:

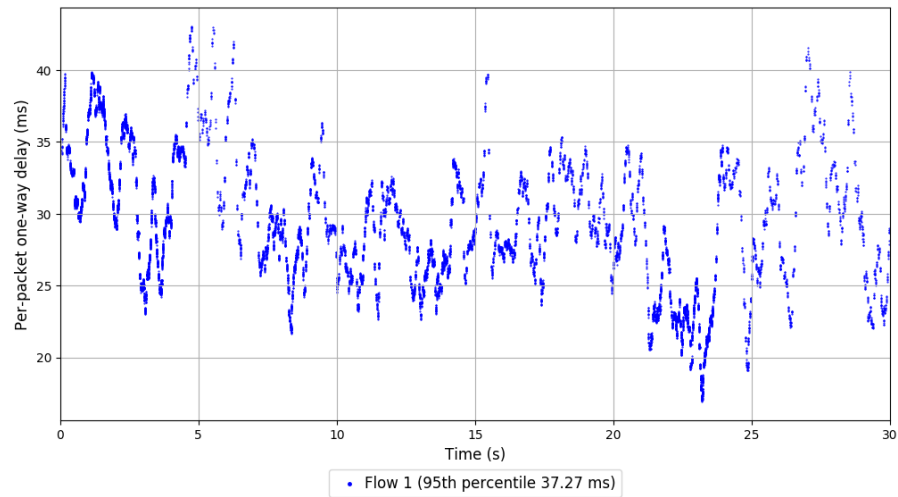
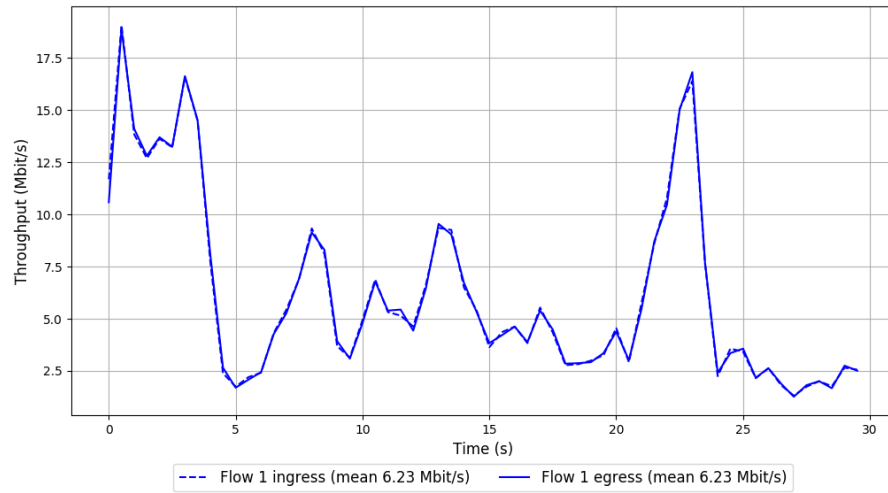
Average throughput: 6.23 Mbit/s

95th percentile per-packet one-way delay: 37.270 ms

Loss rate: 0.04%



### Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-01-16 16:06:56

End at: 2018-01-16 16:07:26

Local clock offset: 0.924 ms

Remote clock offset: 0.531 ms

# Below is generated by plot.py at 2018-01-16 17:41:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.17 Mbit/s

95th percentile per-packet one-way delay: 3.694 ms

Loss rate: 0.00%

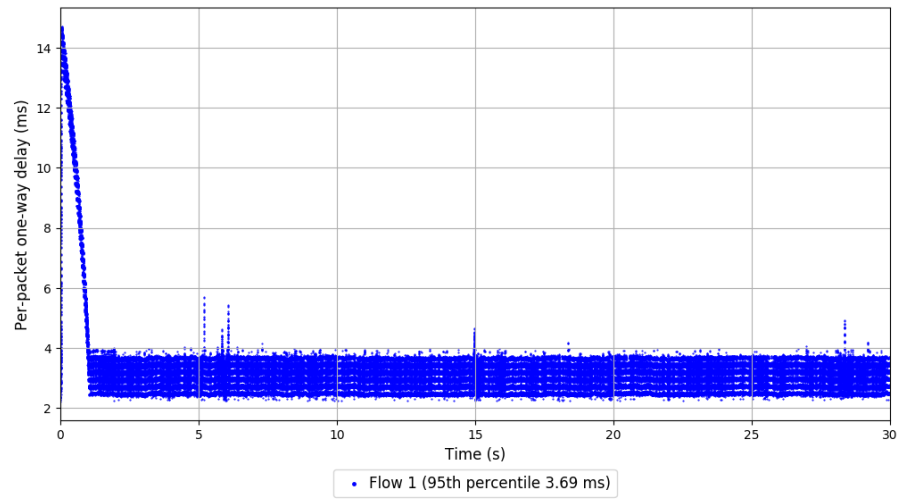
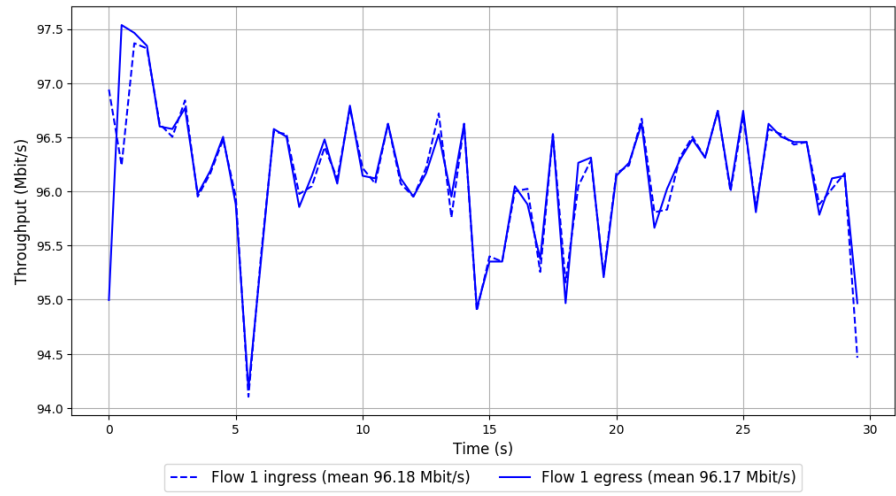
-- Flow 1:

Average throughput: 96.17 Mbit/s

95th percentile per-packet one-way delay: 3.694 ms

Loss rate: 0.00%

## Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-01-16 16:27:21

End at: 2018-01-16 16:27:51

Local clock offset: 1.097 ms

Remote clock offset: 0.344 ms

# Below is generated by plot.py at 2018-01-16 17:41:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 3.746 ms

Loss rate: 0.00%

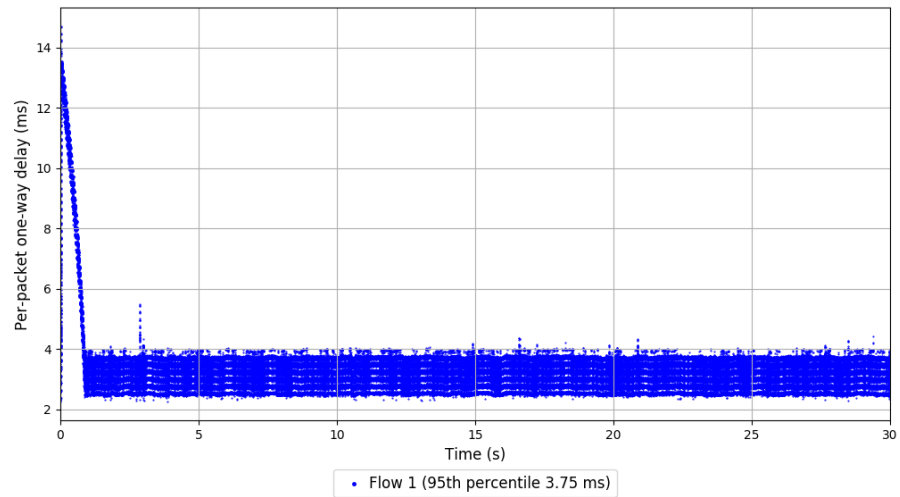
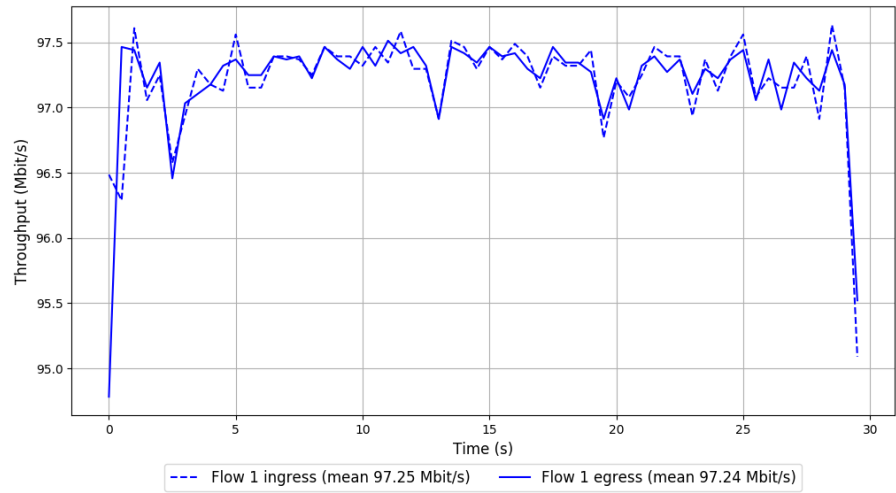
-- Flow 1:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 3.746 ms

Loss rate: 0.00%

### Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-01-16 16:47:47

End at: 2018-01-16 16:48:17

Local clock offset: 1.265 ms

Remote clock offset: 0.095 ms

# Below is generated by plot.py at 2018-01-16 17:41:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 3.948 ms

Loss rate: 0.00%

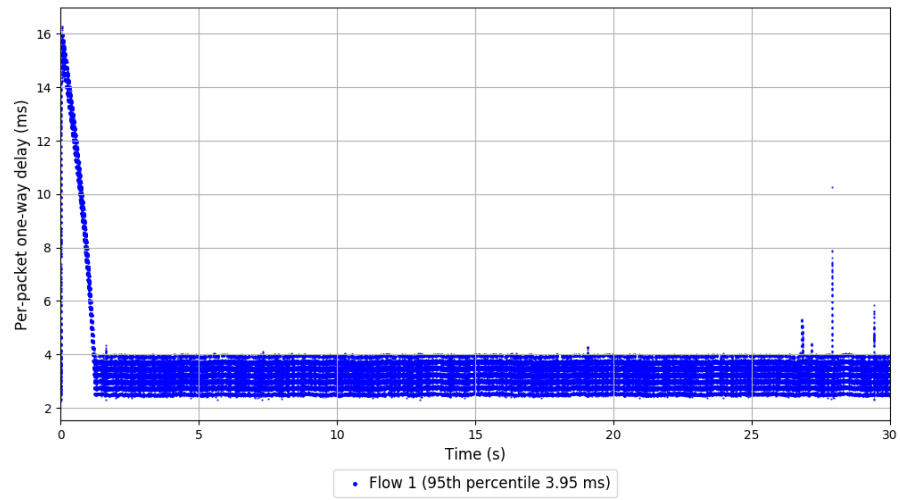
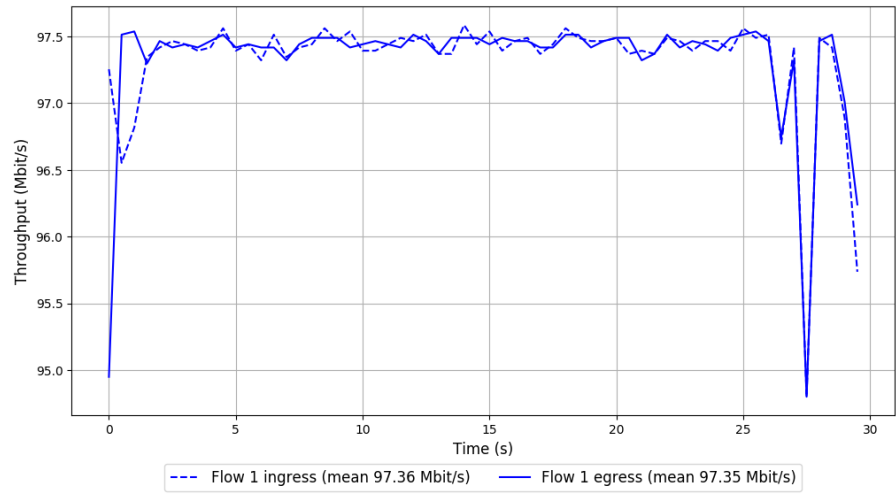
-- Flow 1:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 3.948 ms

Loss rate: 0.00%

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-01-16 13:32:17

End at: 2018-01-16 13:32:47

Local clock offset: -2.903 ms

Remote clock offset: 0.288 ms

# Below is generated by plot.py at 2018-01-16 17:41:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.91 Mbit/s

95th percentile per-packet one-way delay: 9.217 ms

Loss rate: 0.90%

-- Flow 1:

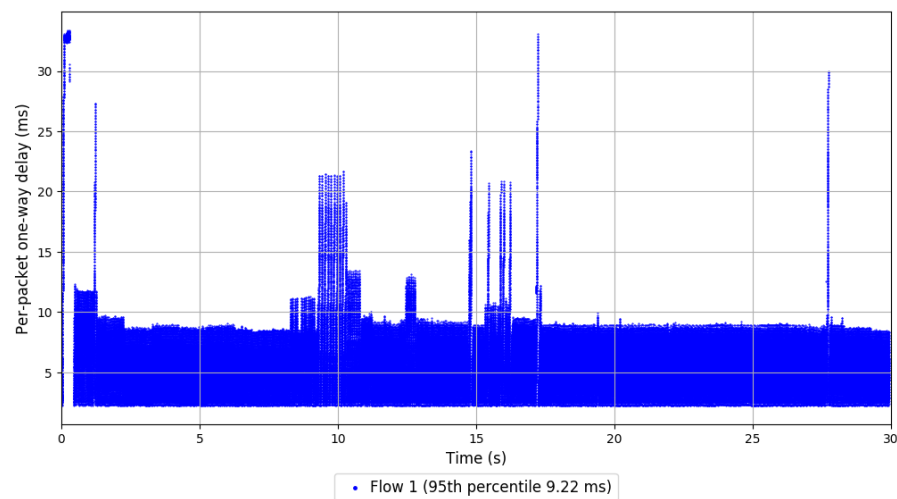
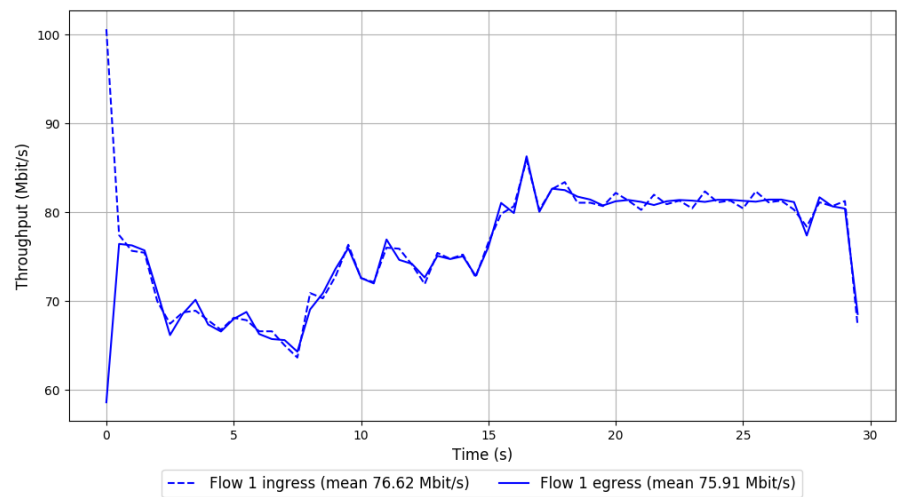
Average throughput: 75.91 Mbit/s

95th percentile per-packet one-way delay: 9.217 ms

Loss rate: 0.90%



Run 1: Report of Verus — Data Link

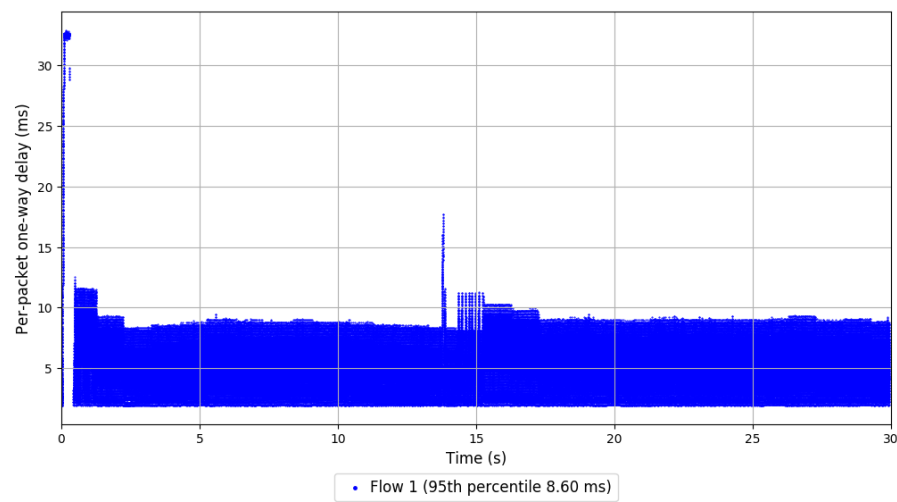
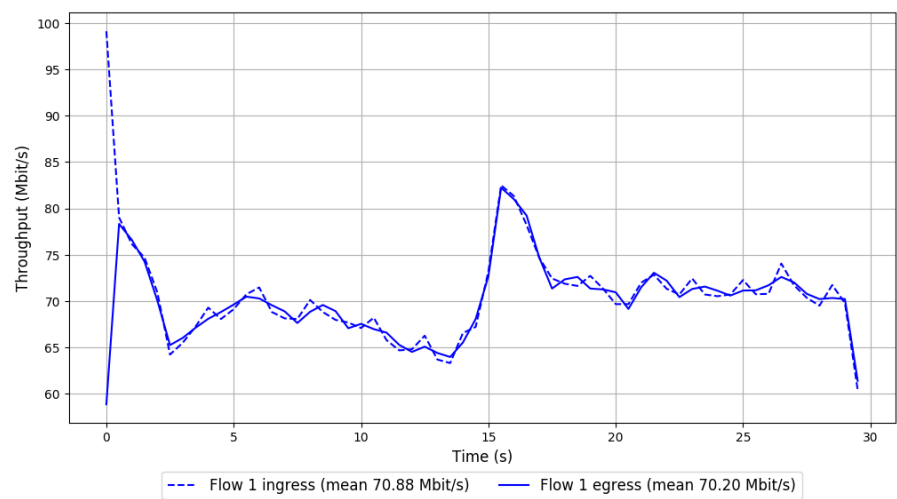


Run 2: Statistics of Verus

Start at: 2018-01-16 13:52:48  
End at: 2018-01-16 13:53:18  
Local clock offset: -2.667 ms  
Remote clock offset: -0.842 ms

# Below is generated by plot.py at 2018-01-16 17:41:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.20 Mbit/s  
95th percentile per-packet one-way delay: 8.603 ms  
Loss rate: 0.95%  
-- Flow 1:  
Average throughput: 70.20 Mbit/s  
95th percentile per-packet one-way delay: 8.603 ms  
Loss rate: 0.95%

Run 2: Report of Verus — Data Link

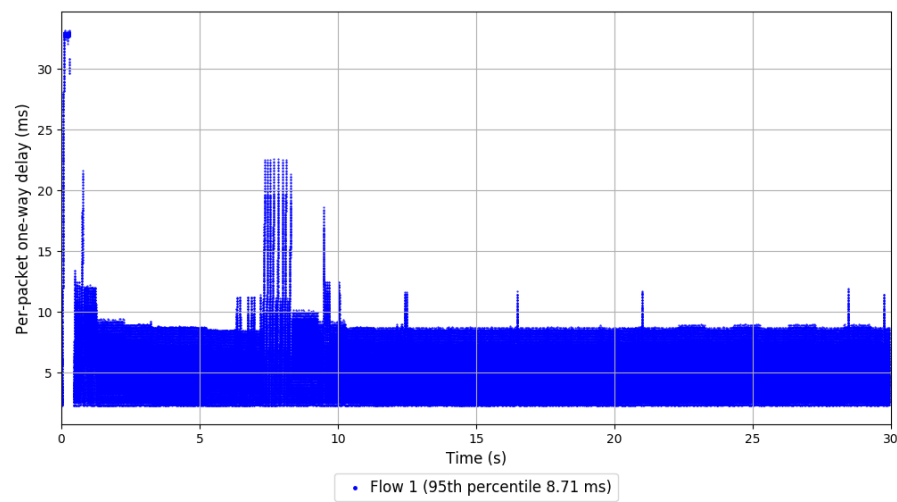
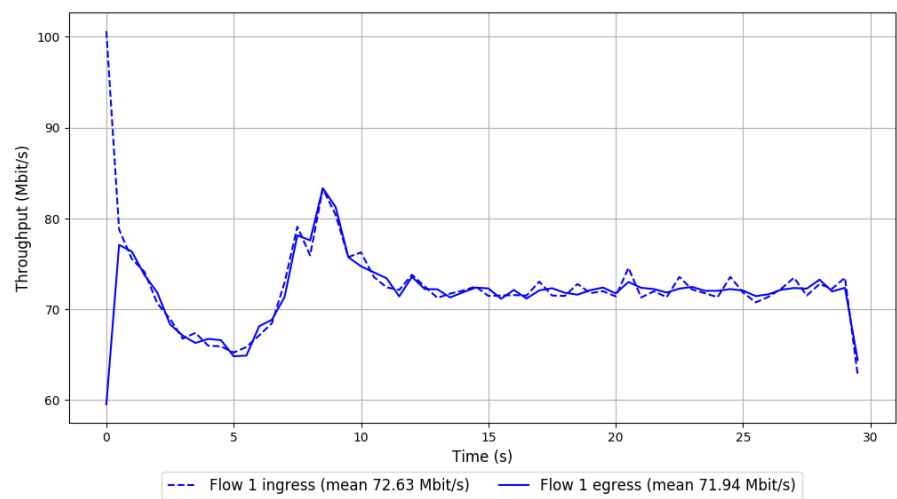


Run 3: Statistics of Verus

Start at: 2018-01-16 14:13:22  
End at: 2018-01-16 14:13:52  
Local clock offset: -2.165 ms  
Remote clock offset: -0.166 ms

# Below is generated by plot.py at 2018-01-16 17:42:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 71.94 Mbit/s  
95th percentile per-packet one-way delay: 8.713 ms  
Loss rate: 0.94%  
-- Flow 1:  
Average throughput: 71.94 Mbit/s  
95th percentile per-packet one-way delay: 8.713 ms  
Loss rate: 0.94%

Run 3: Report of Verus — Data Link

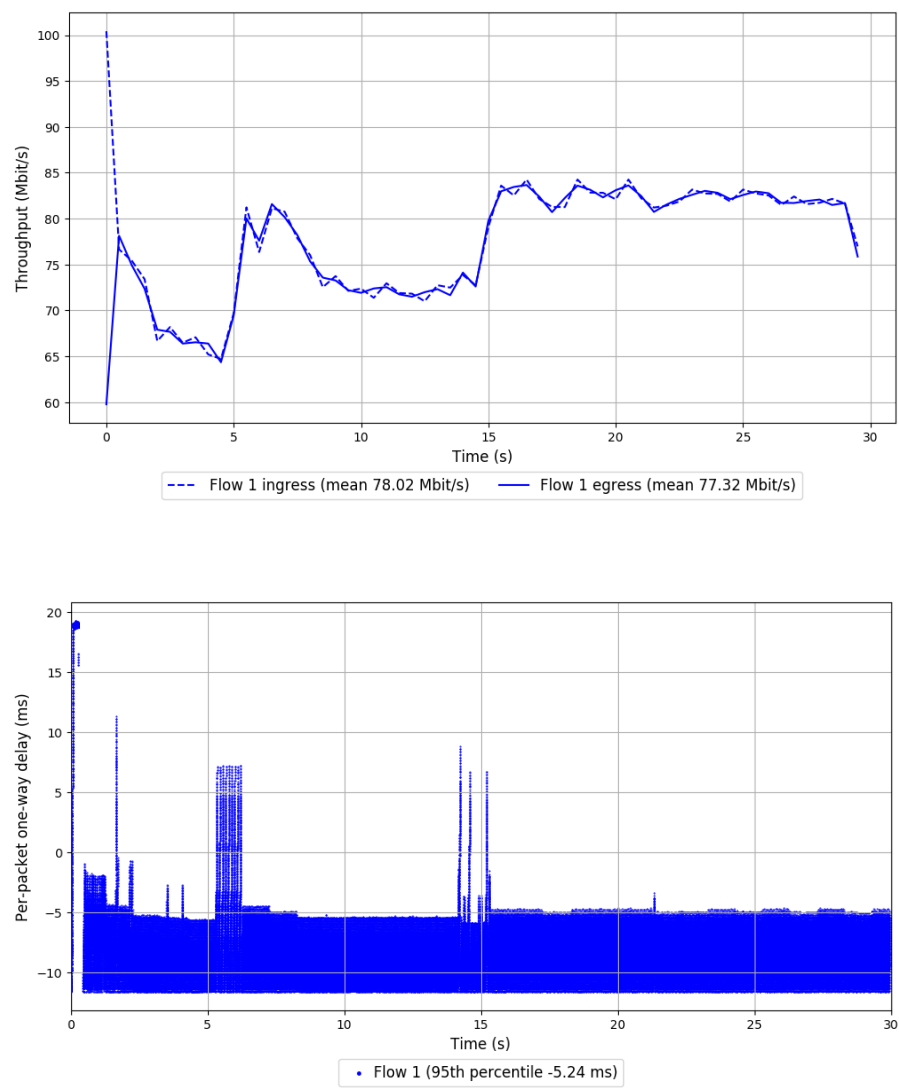


Run 4: Statistics of Verus

Start at: 2018-01-16 14:33:48  
End at: 2018-01-16 14:34:18  
Local clock offset: -1.264 ms  
Remote clock offset: -13.877 ms

# Below is generated by plot.py at 2018-01-16 17:42:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.32 Mbit/s  
95th percentile per-packet one-way delay: -5.242 ms  
Loss rate: 0.88%  
-- Flow 1:  
Average throughput: 77.32 Mbit/s  
95th percentile per-packet one-way delay: -5.242 ms  
Loss rate: 0.88%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-01-16 14:54:13

End at: 2018-01-16 14:54:43

Local clock offset: -0.586 ms

Remote clock offset: 0.18 ms

# Below is generated by plot.py at 2018-01-16 17:42:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.31 Mbit/s

95th percentile per-packet one-way delay: 9.848 ms

Loss rate: 0.91%

-- Flow 1:

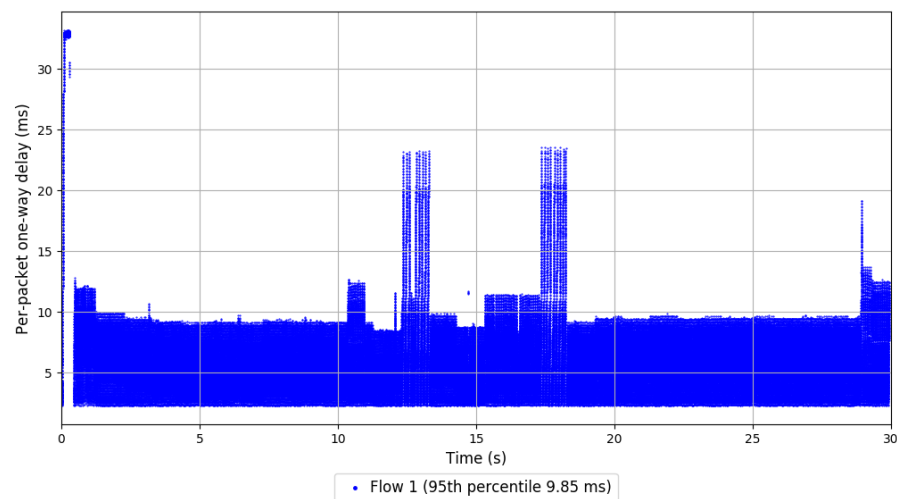
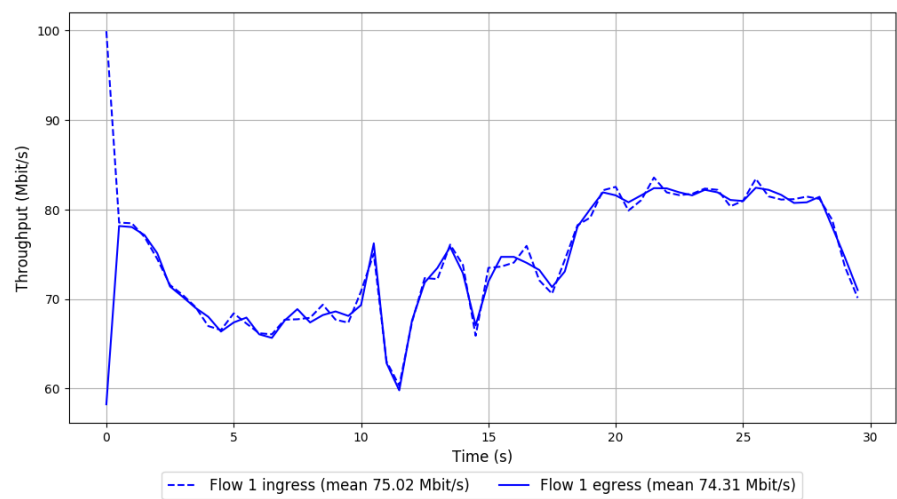
Average throughput: 74.31 Mbit/s

95th percentile per-packet one-way delay: 9.848 ms

Loss rate: 0.91%



Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-01-16 15:14:38

End at: 2018-01-16 15:15:08

Local clock offset: -0.03 ms

Remote clock offset: 0.381 ms

# Below is generated by plot.py at 2018-01-16 17:42:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.16 Mbit/s

95th percentile per-packet one-way delay: 8.812 ms

Loss rate: 0.98%

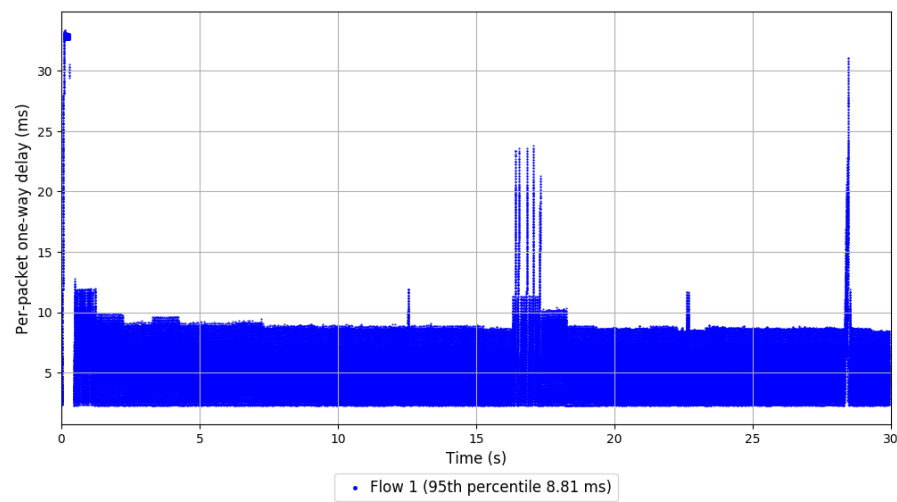
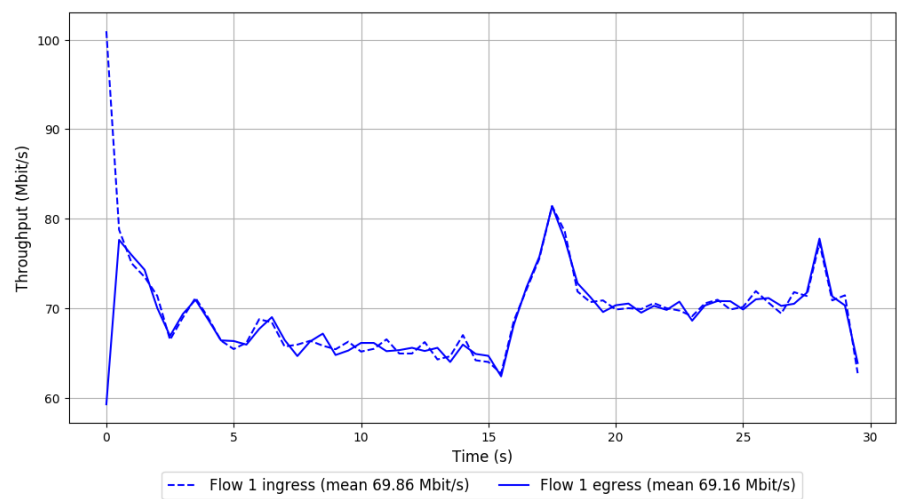
-- Flow 1:

Average throughput: 69.16 Mbit/s

95th percentile per-packet one-way delay: 8.812 ms

Loss rate: 0.98%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-01-16 15:35:12

End at: 2018-01-16 15:35:42

Local clock offset: 0.433 ms

Remote clock offset: 0.515 ms

# Below is generated by plot.py at 2018-01-16 17:42:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.94 Mbit/s

95th percentile per-packet one-way delay: 11.398 ms

Loss rate: 0.95%

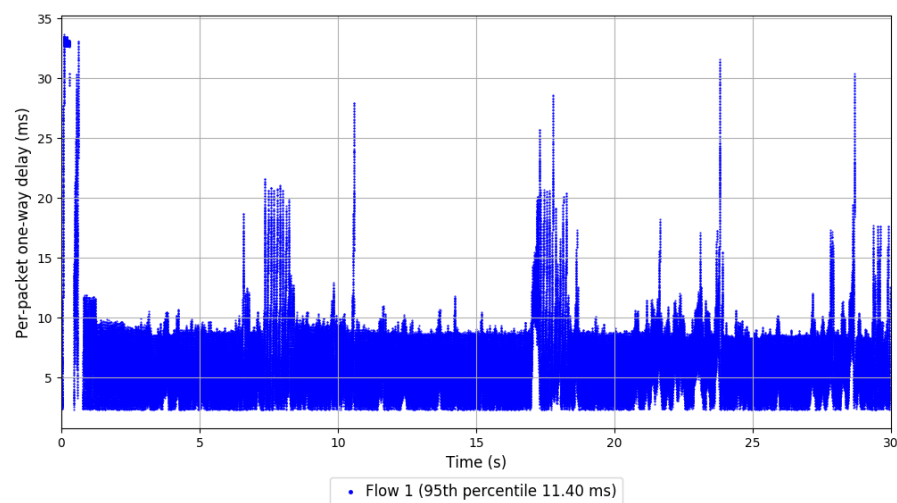
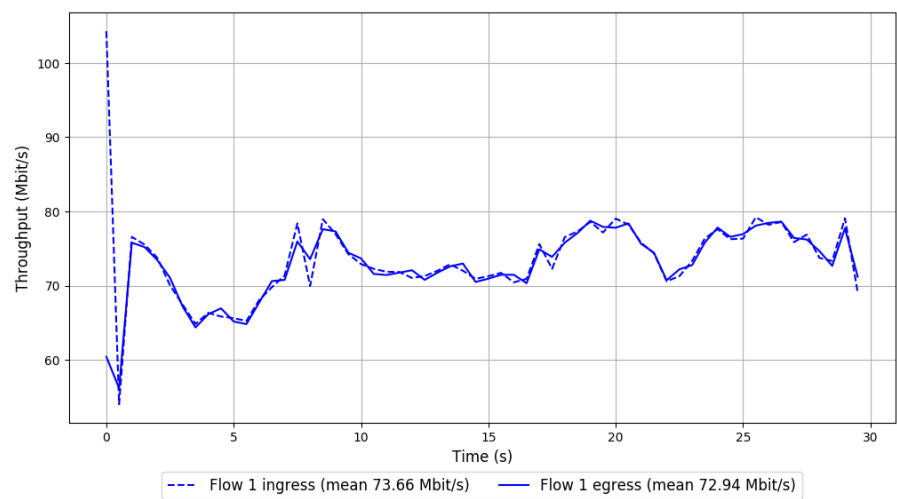
-- Flow 1:

Average throughput: 72.94 Mbit/s

95th percentile per-packet one-way delay: 11.398 ms

Loss rate: 0.95%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-01-16 15:55:34

End at: 2018-01-16 15:56:04

Local clock offset: 0.807 ms

Remote clock offset: 0.589 ms

# Below is generated by plot.py at 2018-01-16 17:42:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.56 Mbit/s

95th percentile per-packet one-way delay: 8.686 ms

Loss rate: 0.92%

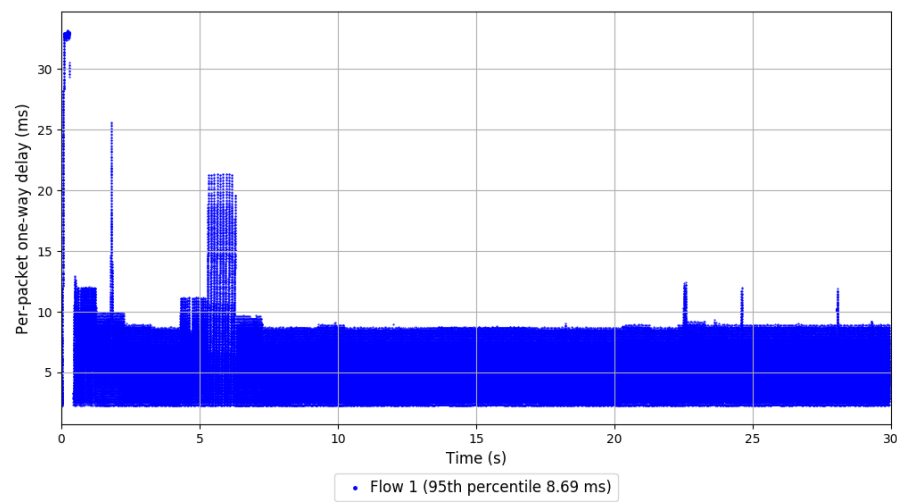
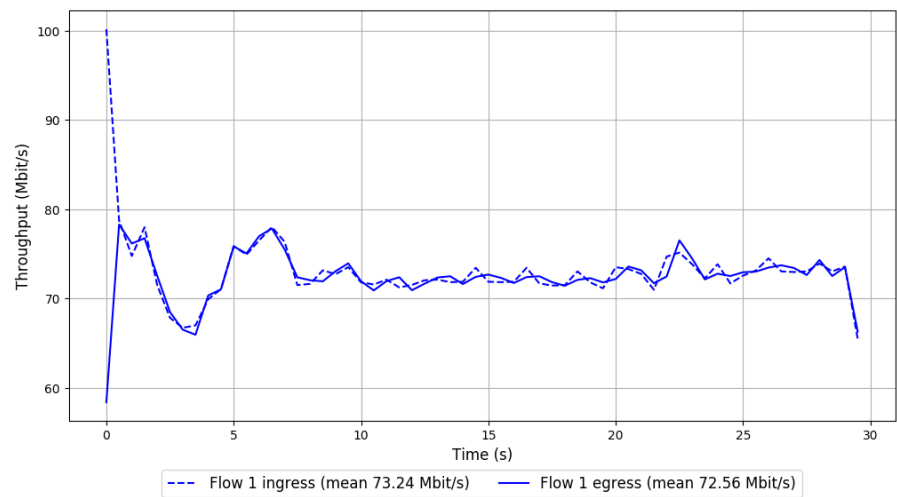
-- Flow 1:

Average throughput: 72.56 Mbit/s

95th percentile per-packet one-way delay: 8.686 ms

Loss rate: 0.92%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-01-16 16:15:53

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

Local clock offset: 0.992 ms

Remote clock offset: 0.411 ms

# Below is generated by plot.py at 2018-01-16 17:42:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.39 Mbit/s

95th percentile per-packet one-way delay: 8.776 ms

Loss rate: 1.00%

-- Flow 1:

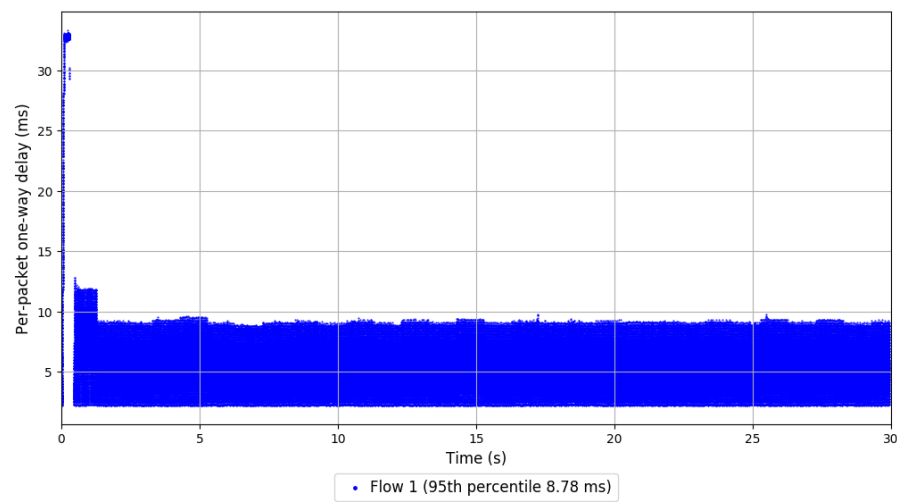
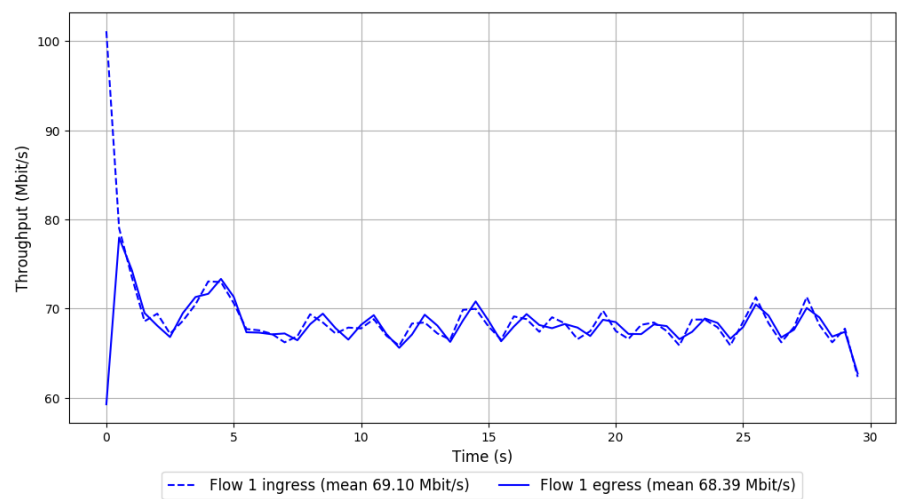
Average throughput: 68.39 Mbit/s

95th percentile per-packet one-way delay: 8.776 ms

Loss rate: 1.00%



Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-01-16 16:36:21

End at: 2018-01-16 16:36:51

Local clock offset: 1.174 ms

Remote clock offset: 0.198 ms

# Below is generated by plot.py at 2018-01-16 17:42:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 67.90 Mbit/s

95th percentile per-packet one-way delay: 8.787 ms

Loss rate: 1.00%

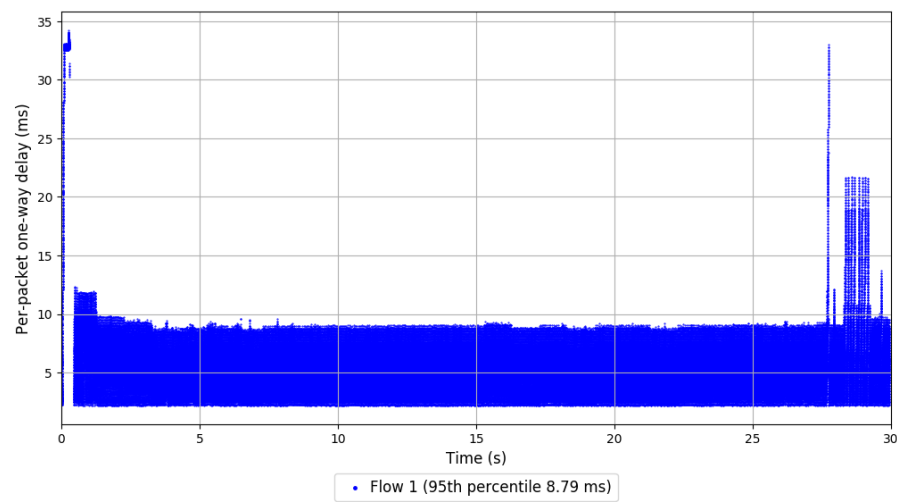
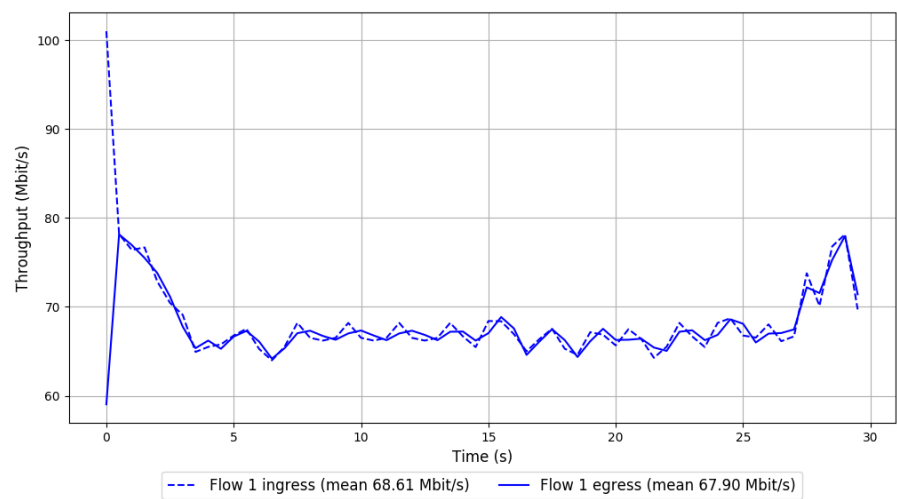
-- Flow 1:

Average throughput: 67.90 Mbit/s

95th percentile per-packet one-way delay: 8.787 ms

Loss rate: 1.00%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-01-16 13:33:26

End at: 2018-01-16 13:33:56

Local clock offset: -2.949 ms

Remote clock offset: 0.178 ms

# Below is generated by plot.py at 2018-01-16 17:44:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.96 Mbit/s

95th percentile per-packet one-way delay: 4.249 ms

Loss rate: 0.00%

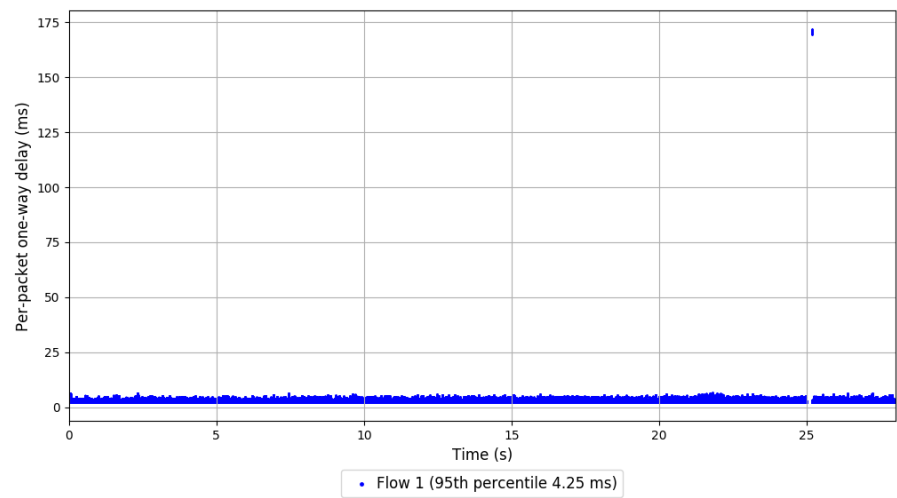
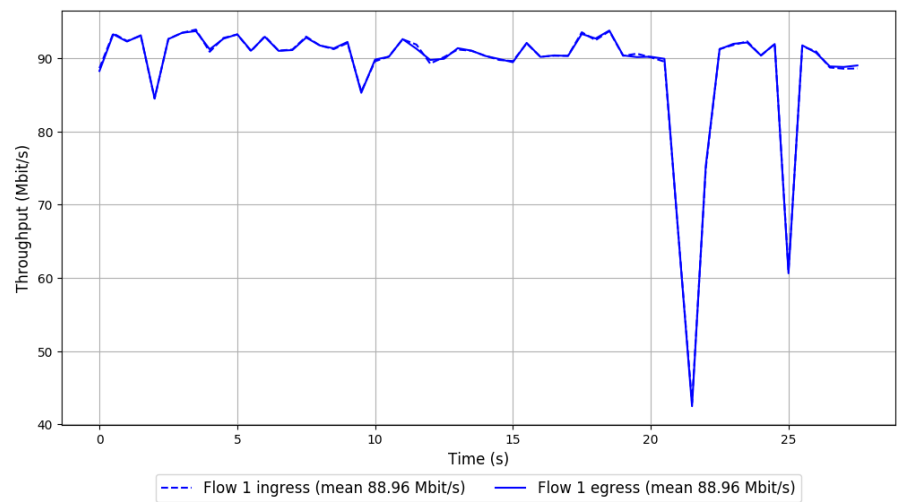
-- Flow 1:

Average throughput: 88.96 Mbit/s

95th percentile per-packet one-way delay: 4.249 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link

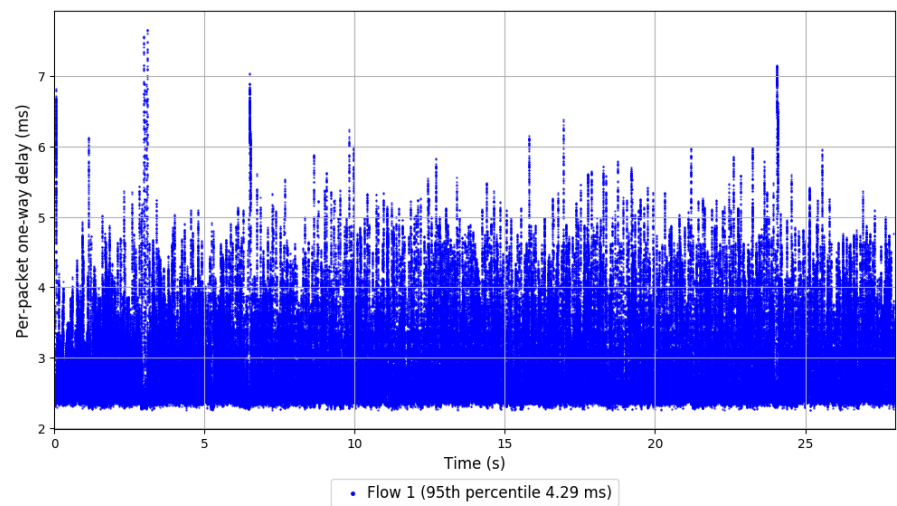
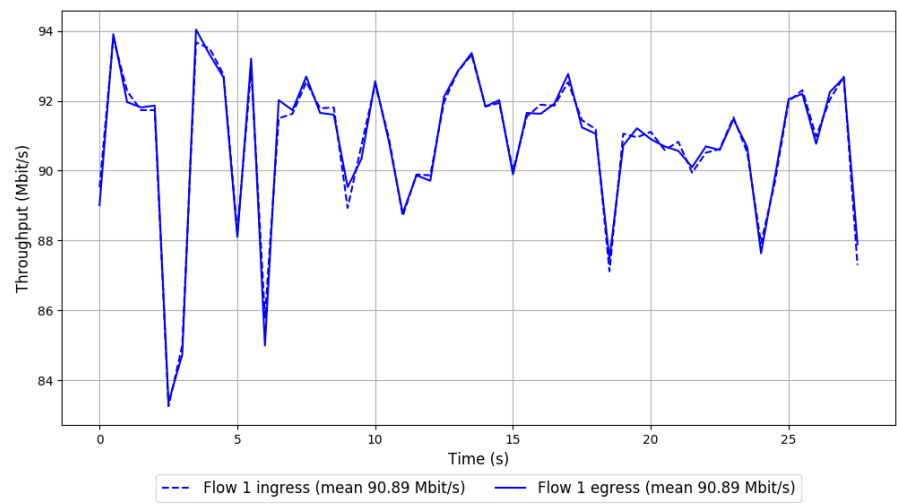


Run 2: Statistics of Copa

Start at: 2018-01-16 13:53:56  
End at: 2018-01-16 13:54:26  
Local clock offset: -2.55 ms  
Remote clock offset: -0.425 ms

# Below is generated by plot.py at 2018-01-16 17:44:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.89 Mbit/s  
95th percentile per-packet one-way delay: 4.290 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 90.89 Mbit/s  
95th percentile per-packet one-way delay: 4.290 ms  
Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-01-16 14:14:30

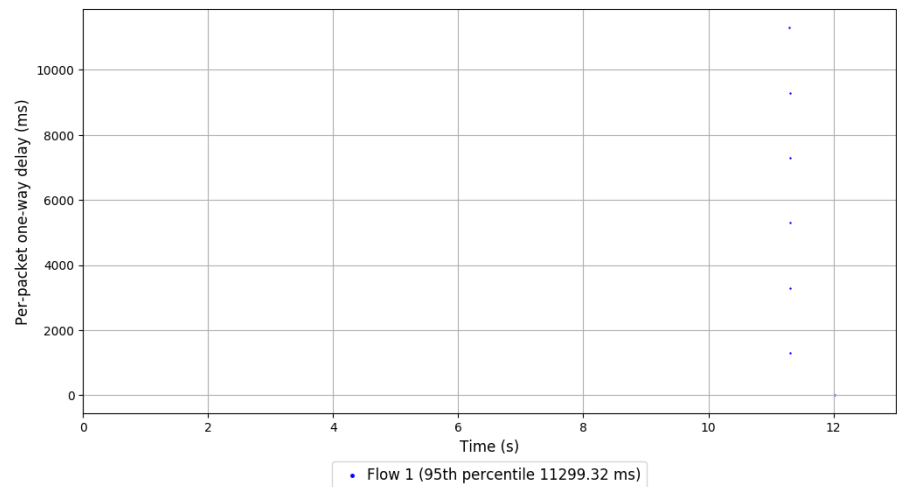
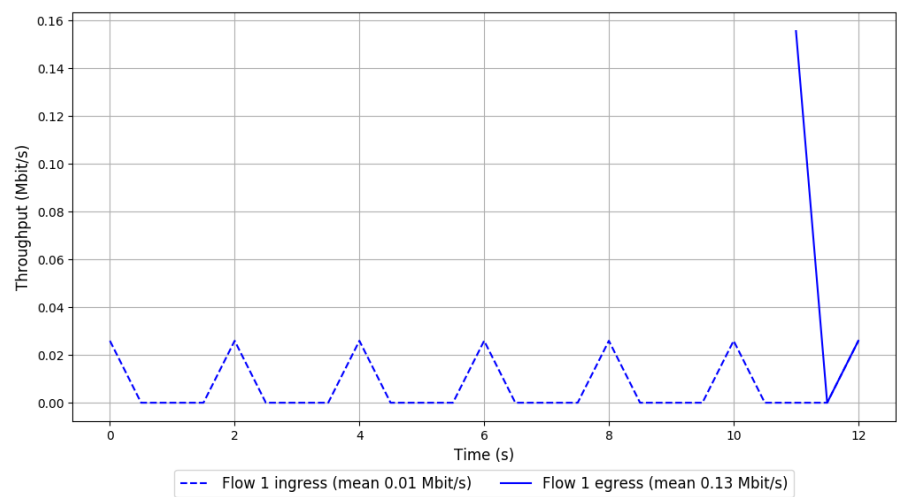
End at: 2018-01-16 14:15:00

Local clock offset: -2.091 ms

Remote clock offset: -0.147 ms



Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

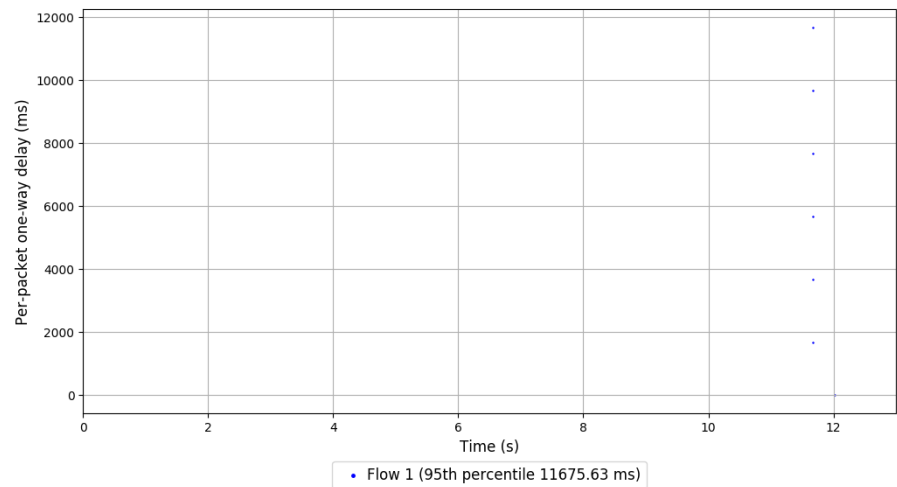
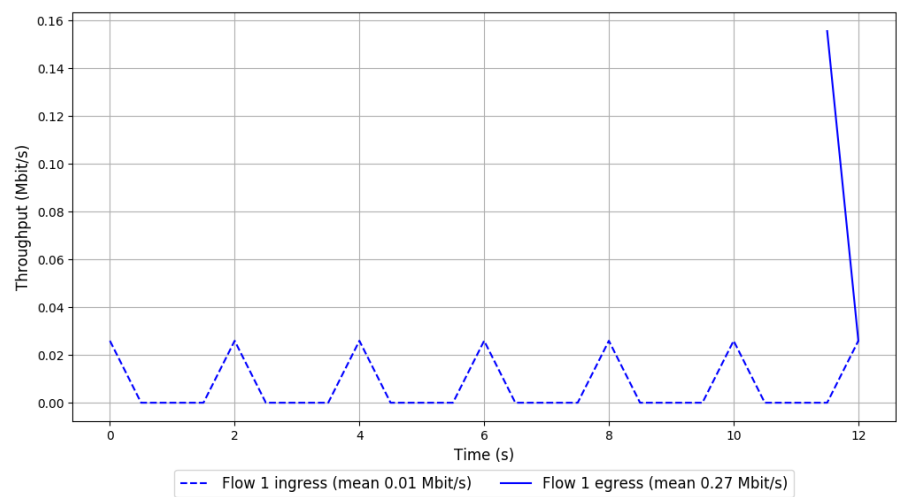
Start at: 2018-01-16 14:34:57

End at: 2018-01-16 14:35:27

Local clock offset: -1.193 ms

Remote clock offset: 0.033 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

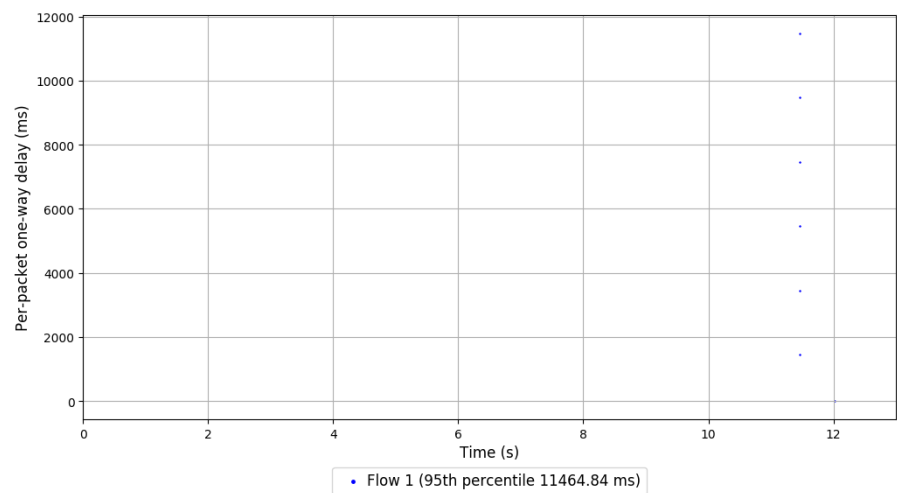
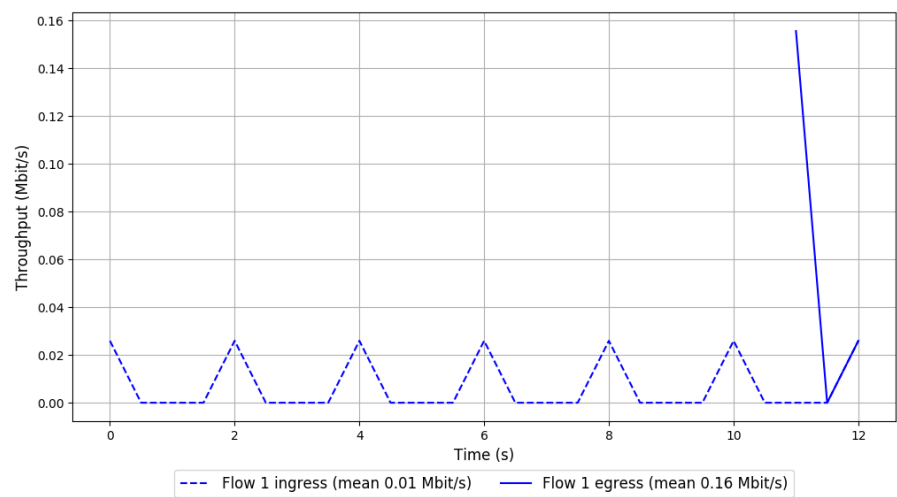
Start at: 2018-01-16 14:55:22

End at: 2018-01-16 14:55:52

Local clock offset: -0.541 ms

Remote clock offset: 0.157 ms

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-01-16 15:15:47

End at: 2018-01-16 15:16:17

Local clock offset: 0.002 ms

Remote clock offset: 0.403 ms

# Below is generated by plot.py at 2018-01-16 17:44:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.06 Mbit/s

95th percentile per-packet one-way delay: 4.334 ms

Loss rate: 0.00%

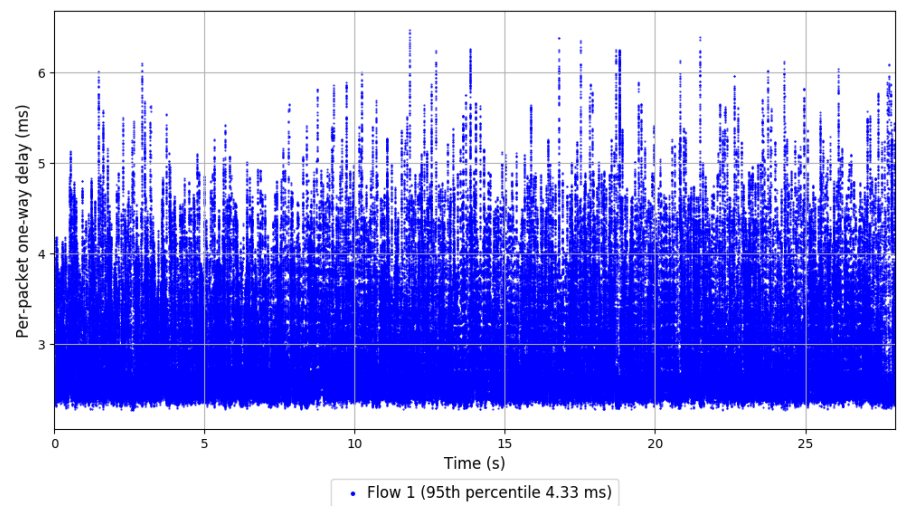
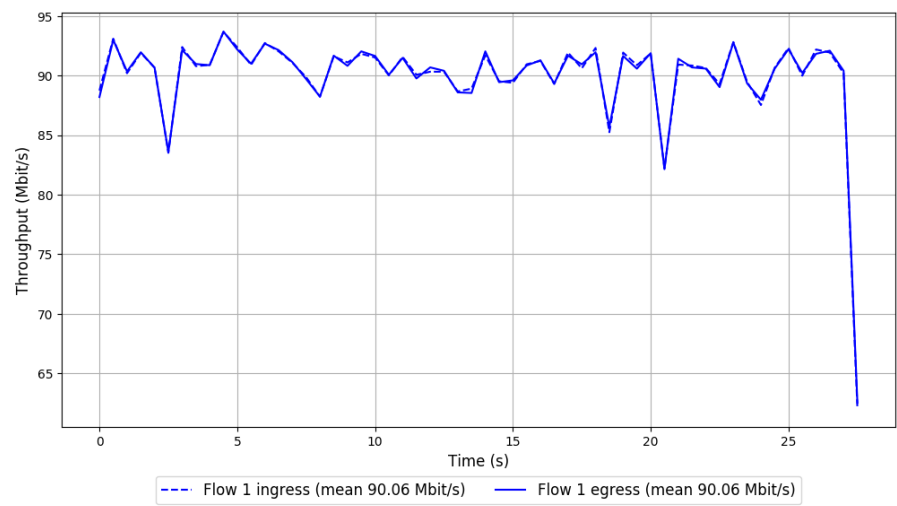
-- Flow 1:

Average throughput: 90.06 Mbit/s

95th percentile per-packet one-way delay: 4.334 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-01-16 15:36:20

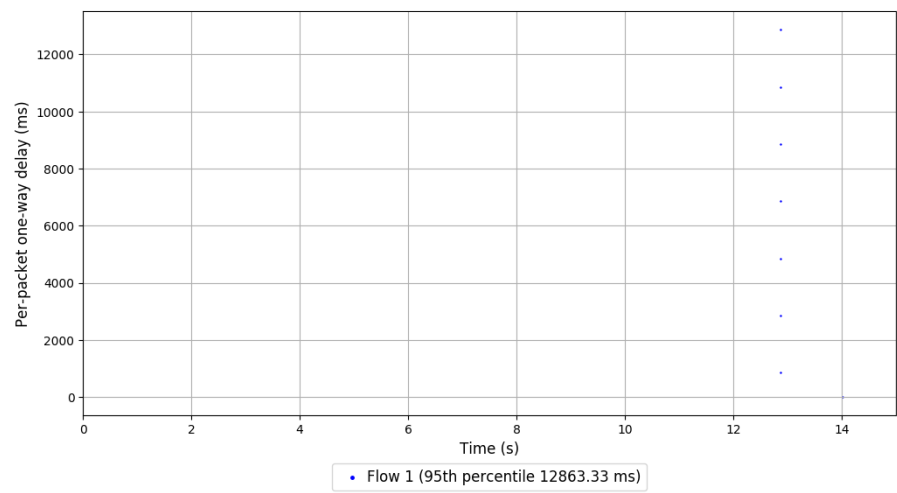
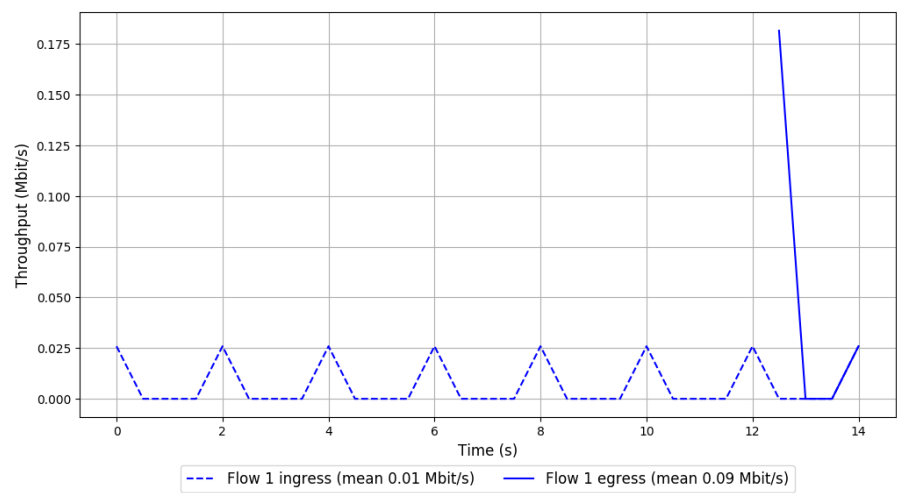
End at: 2018-01-16 15:36:50

Local clock offset: 0.529 ms

Remote clock offset: 0.447 ms



Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

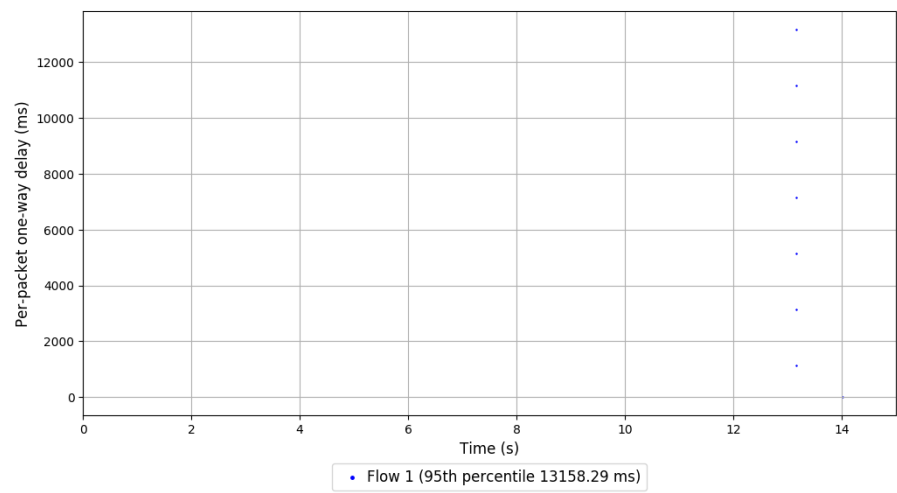
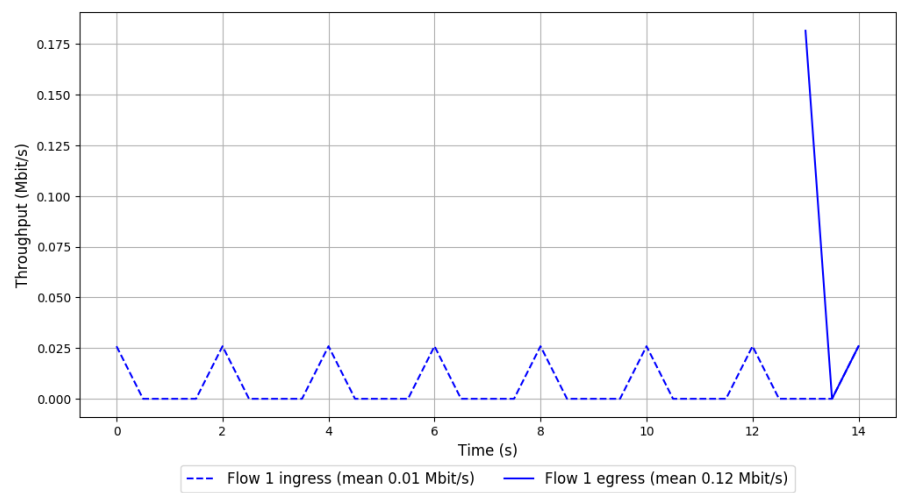
Start at: 2018-01-16 15:56:42

End at: 2018-01-16 15:57:12

Local clock offset: 0.744 ms

Remote clock offset: 0.613 ms

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-01-16 16:17:01

End at: 2018-01-16 16:17:31

Local clock offset: 1.0 ms

Remote clock offset: 0.444 ms

# Below is generated by plot.py at 2018-01-16 17:44:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.81 Mbit/s

95th percentile per-packet one-way delay: 4.375 ms

Loss rate: 0.00%

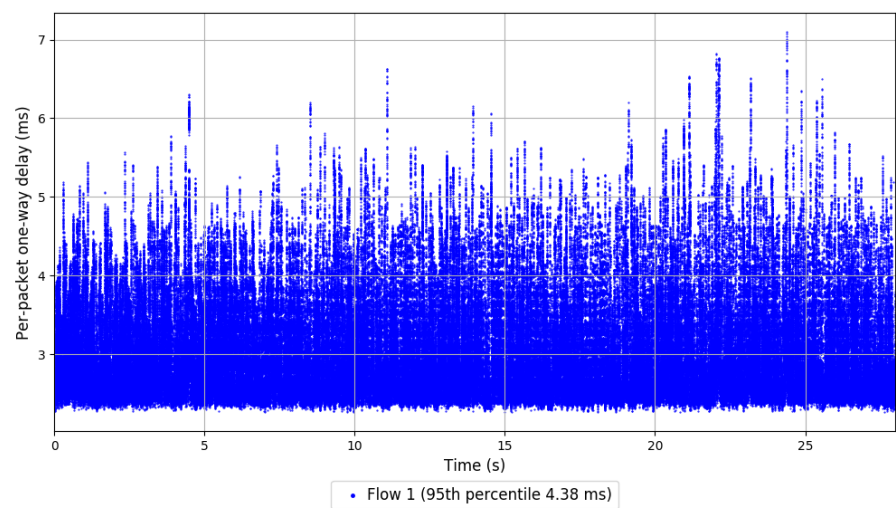
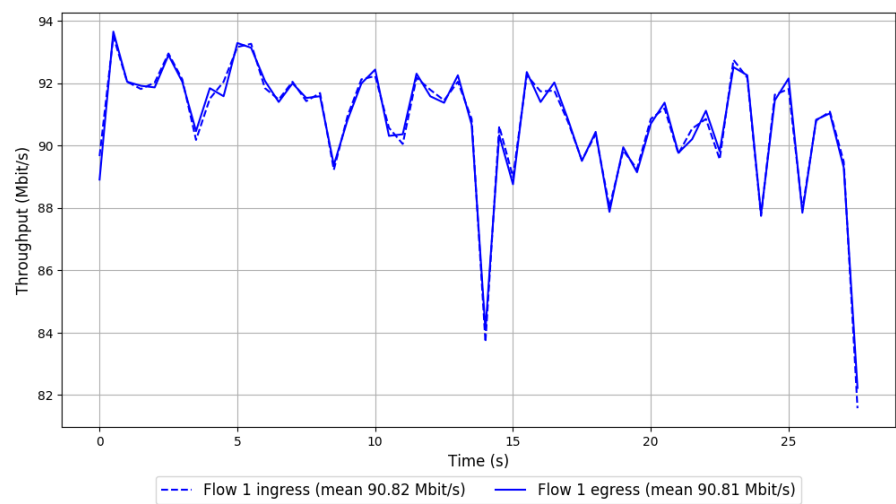
-- Flow 1:

Average throughput: 90.81 Mbit/s

95th percentile per-packet one-way delay: 4.375 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-01-16 16:37:29

End at: 2018-01-16 16:37:59

Local clock offset: 1.107 ms

Remote clock offset: 0.263 ms

# Below is generated by plot.py at 2018-01-16 17:44:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.03 Mbit/s

95th percentile per-packet one-way delay: 4.410 ms

Loss rate: 0.00%

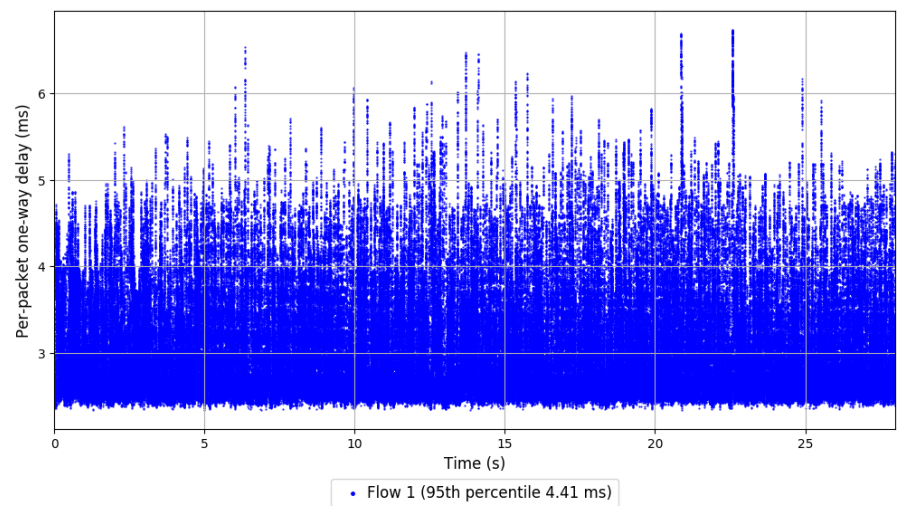
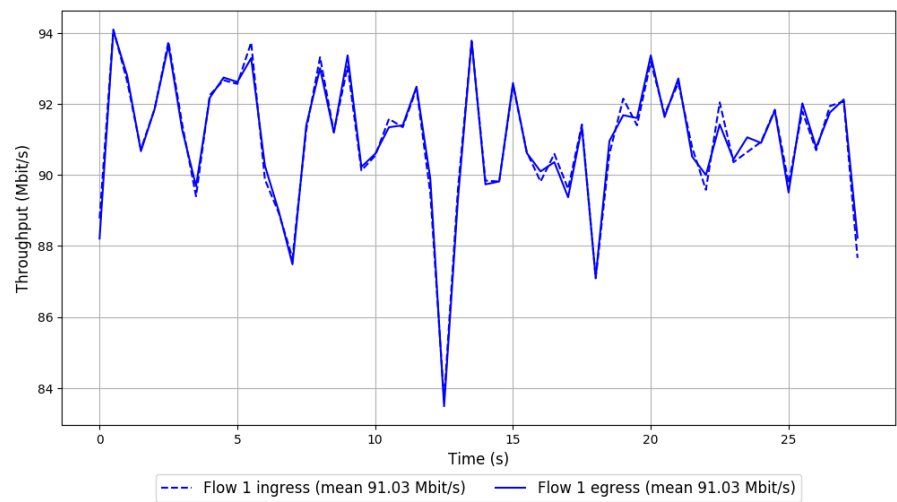
-- Flow 1:

Average throughput: 91.03 Mbit/s

95th percentile per-packet one-way delay: 4.410 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link



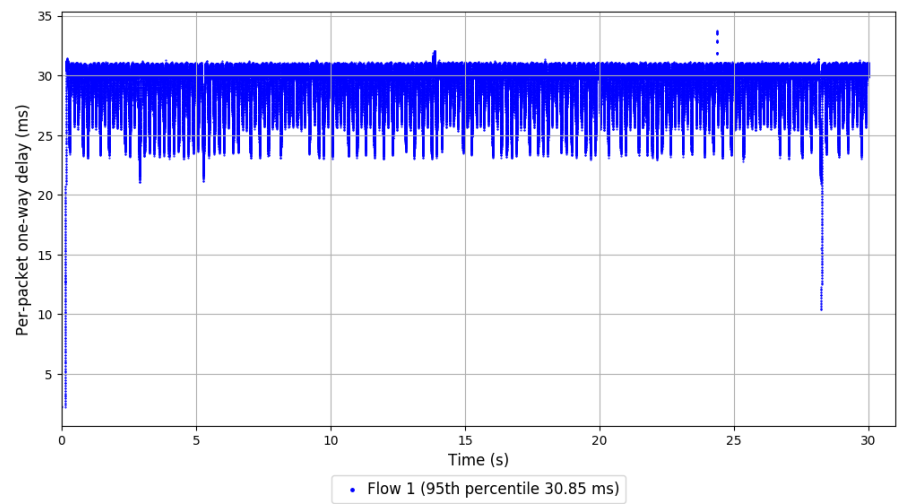
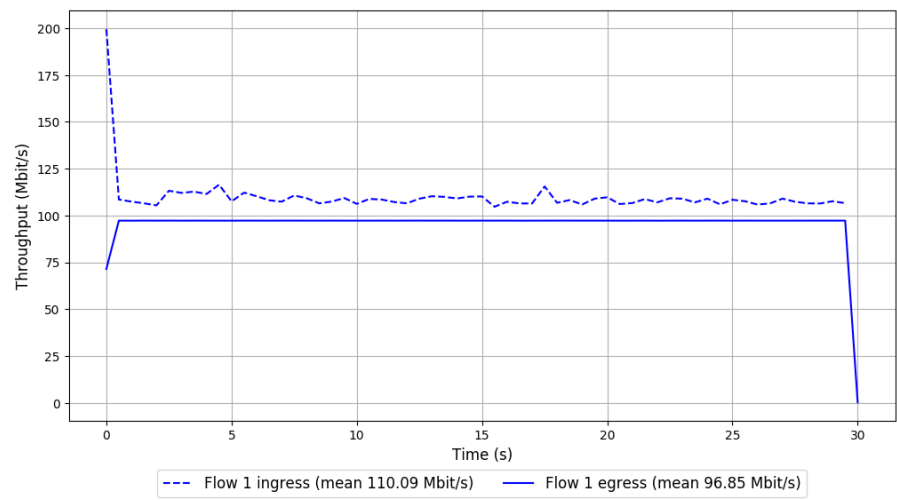
Run 1: Statistics of FillP

Start at: 2018-01-16 13:39:06  
End at: 2018-01-16 13:39:37  
Local clock offset: -2.861 ms  
Remote clock offset: -0.023 ms

# Below is generated by plot.py at 2018-01-16 17:44:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.85 Mbit/s  
95th percentile per-packet one-way delay: 30.848 ms  
Loss rate: 11.95%  
-- Flow 1:  
Average throughput: 96.85 Mbit/s  
95th percentile per-packet one-way delay: 30.848 ms  
Loss rate: 11.95%



Run 1: Report of FillP — Data Link

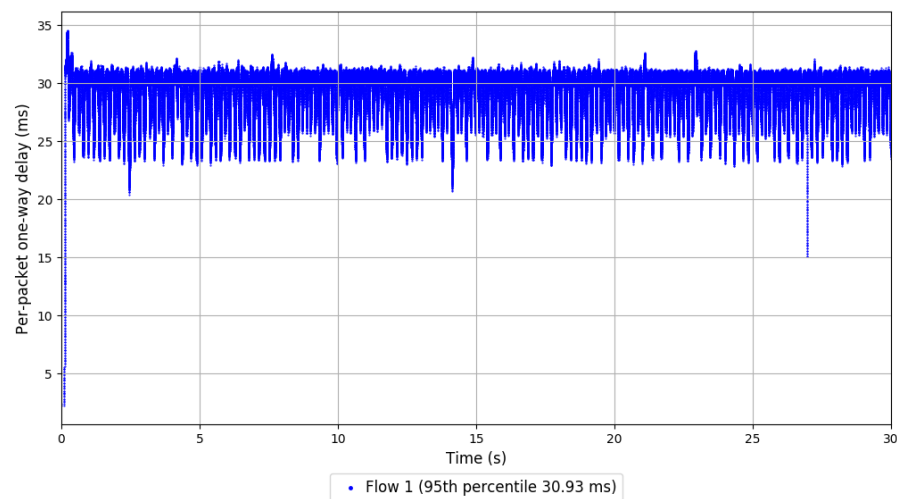
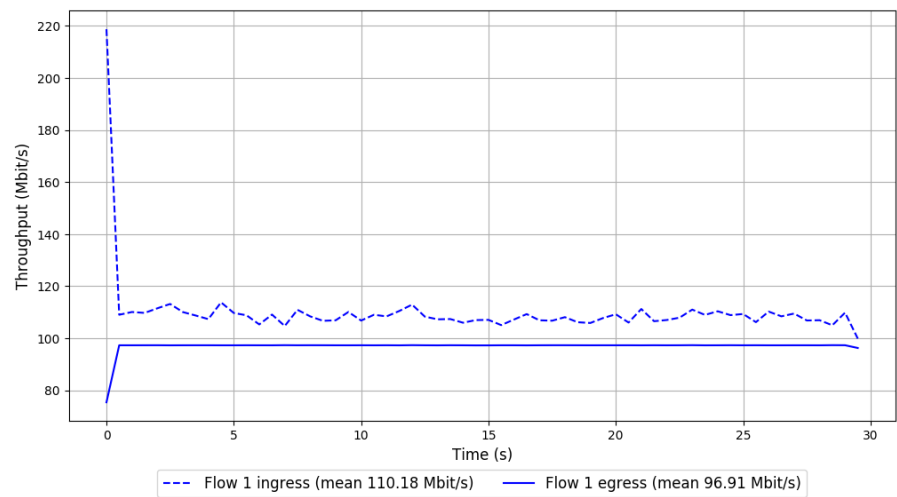


Run 2: Statistics of FillP

Start at: 2018-01-16 13:59:37  
End at: 2018-01-16 14:00:07  
Local clock offset: -2.49 ms  
Remote clock offset: -0.414 ms

# Below is generated by plot.py at 2018-01-16 17:44:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.91 Mbit/s  
95th percentile per-packet one-way delay: 30.926 ms  
Loss rate: 11.98%  
-- Flow 1:  
Average throughput: 96.91 Mbit/s  
95th percentile per-packet one-way delay: 30.926 ms  
Loss rate: 11.98%

Run 2: Report of FillP — Data Link

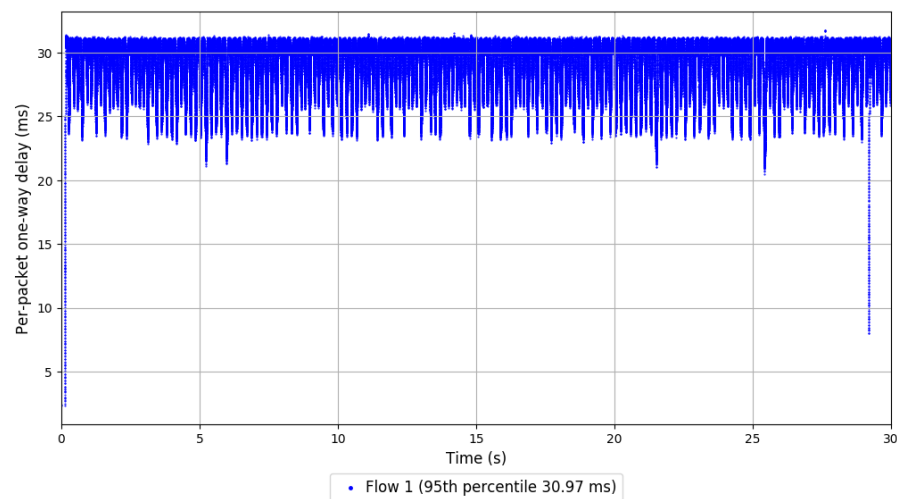
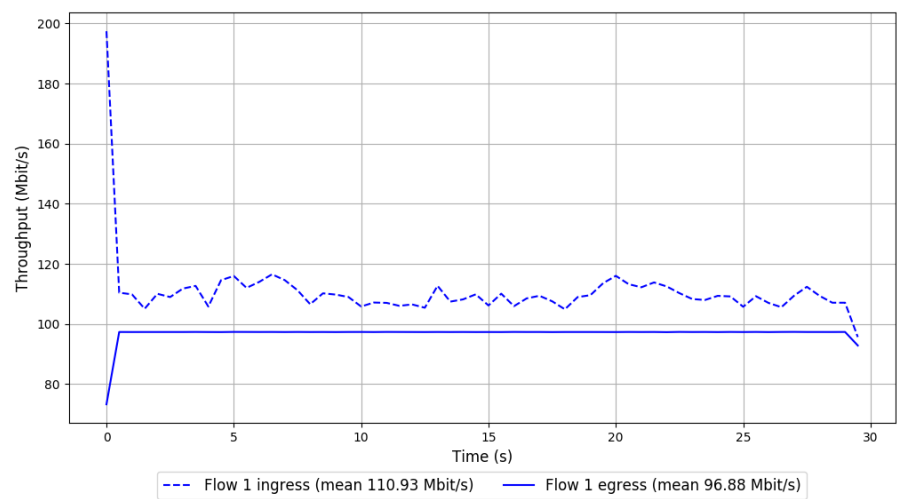


Run 3: Statistics of FillP

Start at: 2018-01-16 14:20:04  
End at: 2018-01-16 14:20:34  
Local clock offset: -1.922 ms  
Remote clock offset: -0.084 ms

# Below is generated by plot.py at 2018-01-16 17:44:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.88 Mbit/s  
95th percentile per-packet one-way delay: 30.972 ms  
Loss rate: 12.60%  
-- Flow 1:  
Average throughput: 96.88 Mbit/s  
95th percentile per-packet one-way delay: 30.972 ms  
Loss rate: 12.60%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-01-16 14:40:30

End at: 2018-01-16 14:41:00

Local clock offset: -1.002 ms

Remote clock offset: 0.074 ms

# Below is generated by plot.py at 2018-01-16 17:46:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.65 Mbit/s

95th percentile per-packet one-way delay: 71.288 ms

Loss rate: 14.33%

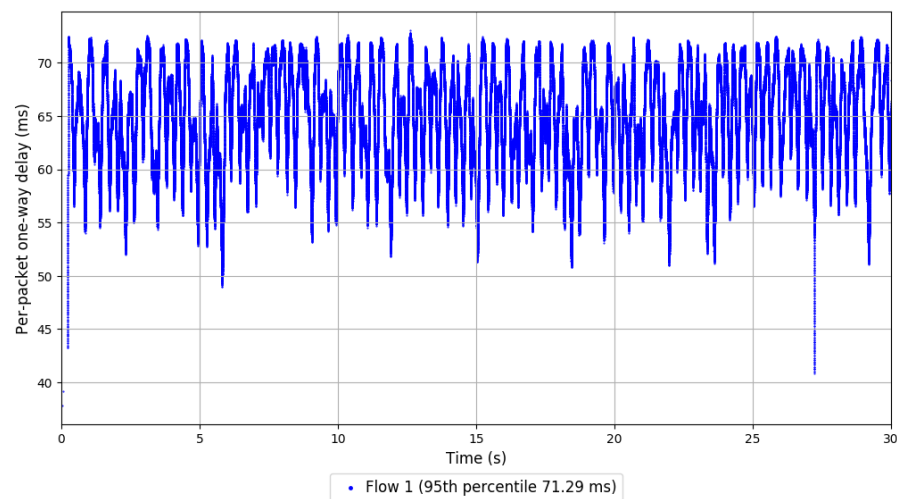
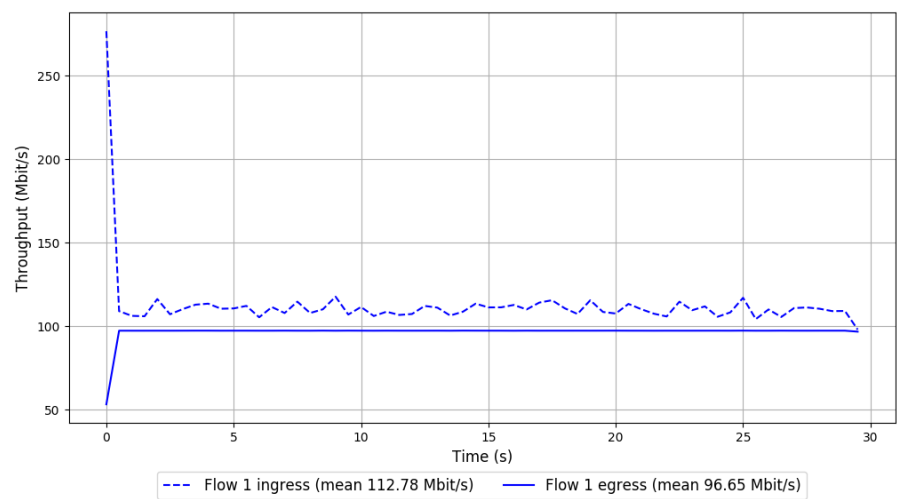
-- Flow 1:

Average throughput: 96.65 Mbit/s

95th percentile per-packet one-way delay: 71.288 ms

Loss rate: 14.33%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-01-16 15:00:55

End at: 2018-01-16 15:01:25

Local clock offset: -0.402 ms

Remote clock offset: 0.215 ms

# Below is generated by plot.py at 2018-01-16 17:46:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 30.867 ms

Loss rate: 11.45%

-- Flow 1:

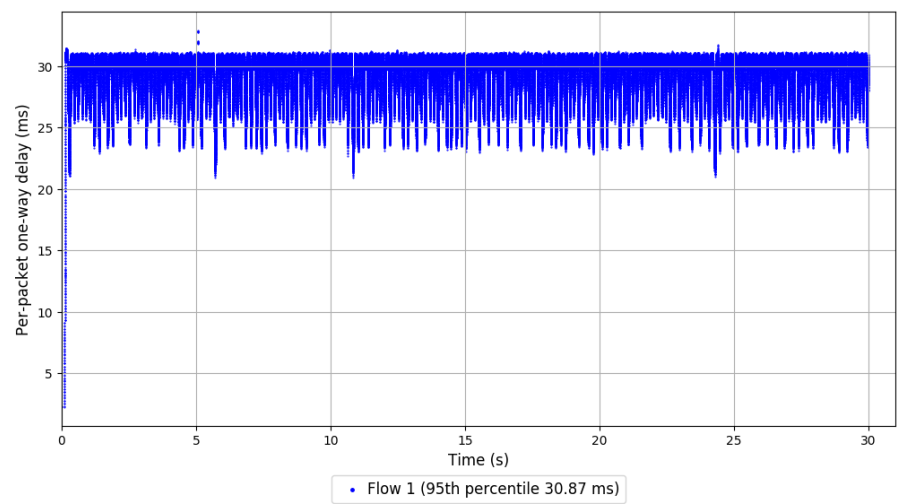
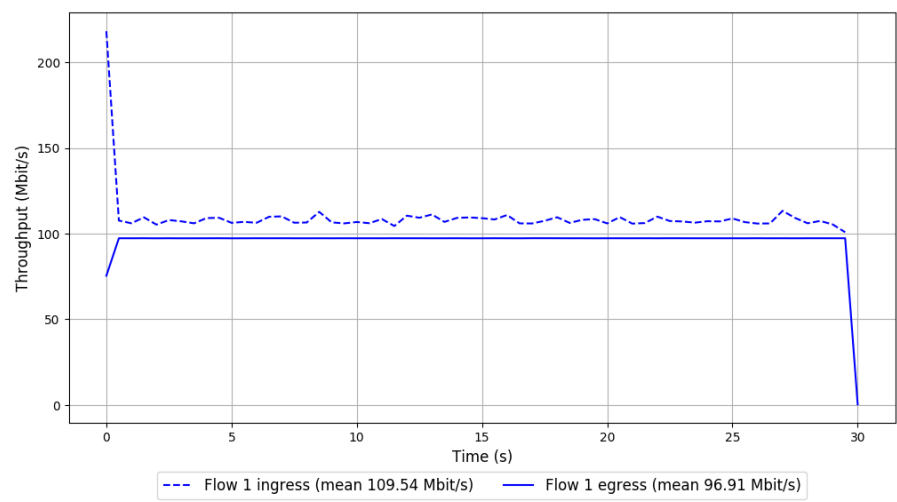
Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 30.867 ms

Loss rate: 11.45%



Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-01-16 15:21:27

End at: 2018-01-16 15:21:57

Local clock offset: 0.141 ms

Remote clock offset: 0.455 ms

# Below is generated by plot.py at 2018-01-16 17:46:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 30.903 ms

Loss rate: 12.07%

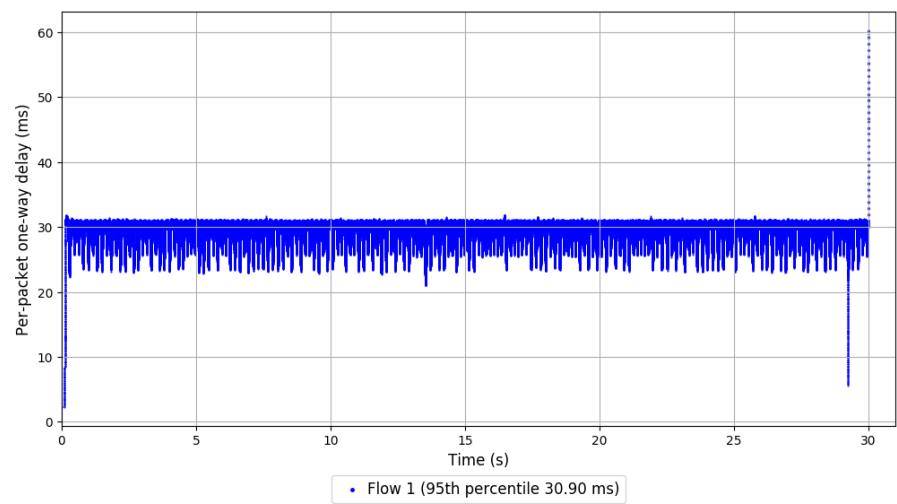
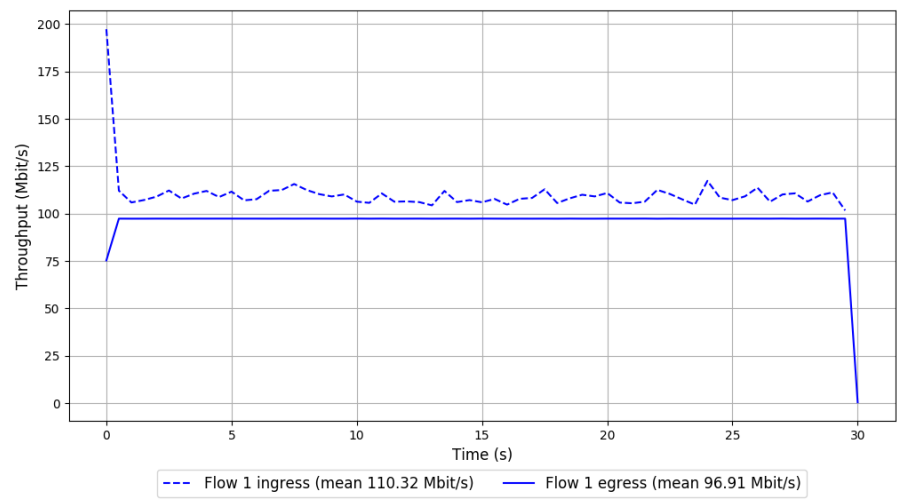
-- Flow 1:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 30.903 ms

Loss rate: 12.07%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-01-16 15:41:53

End at: 2018-01-16 15:42:23

Local clock offset: 0.592 ms

Remote clock offset: 0.515 ms

# Below is generated by plot.py at 2018-01-16 17:46:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 30.889 ms

Loss rate: 11.77%

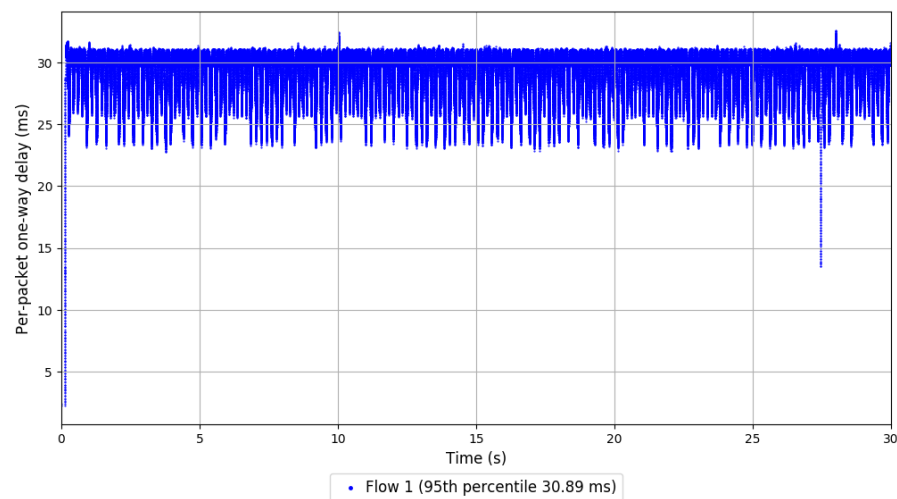
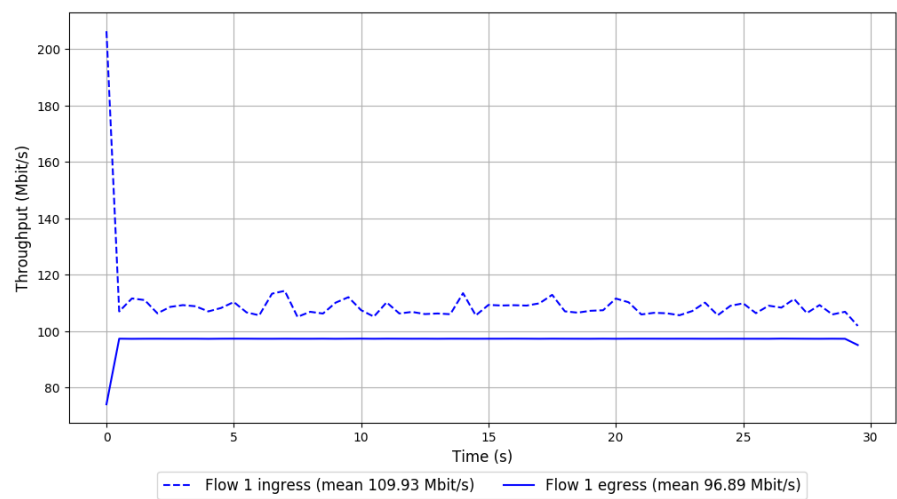
-- Flow 1:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 30.889 ms

Loss rate: 11.77%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-01-16 16:02:16

End at: 2018-01-16 16:02:46

Local clock offset: 0.78 ms

Remote clock offset: 0.573 ms

# Below is generated by plot.py at 2018-01-16 17:46:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.90 Mbit/s

95th percentile per-packet one-way delay: 32.534 ms

Loss rate: 11.58%

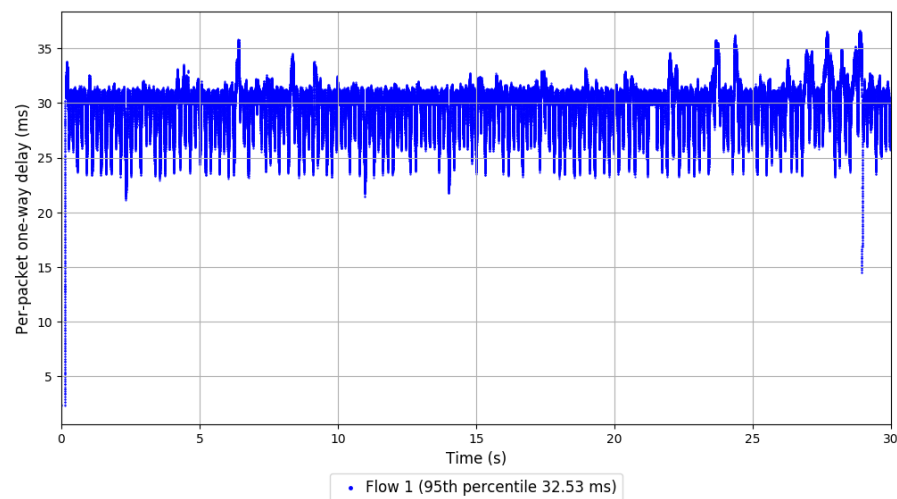
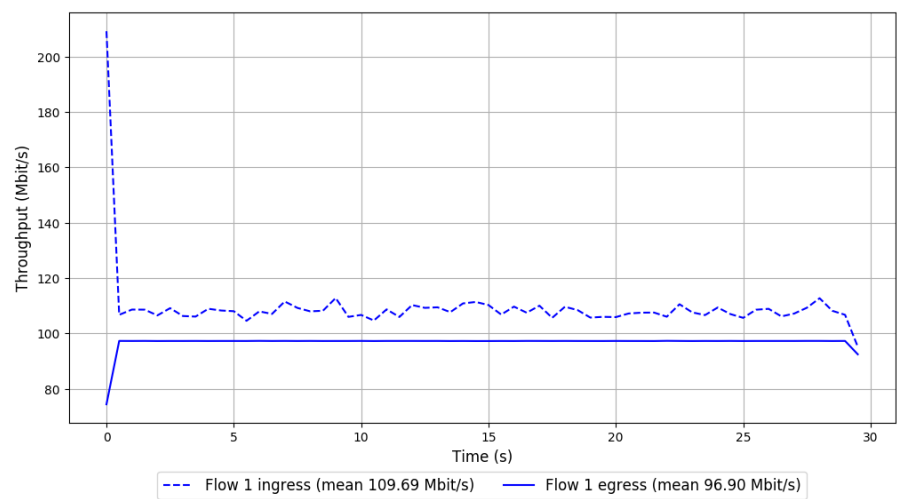
-- Flow 1:

Average throughput: 96.90 Mbit/s

95th percentile per-packet one-way delay: 32.534 ms

Loss rate: 11.58%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-01-16 16:22:40

End at: 2018-01-16 16:23:10

Local clock offset: 1.041 ms

Remote clock offset: 0.329 ms

# Below is generated by plot.py at 2018-01-16 17:46:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 30.842 ms

Loss rate: 12.29%

-- Flow 1:

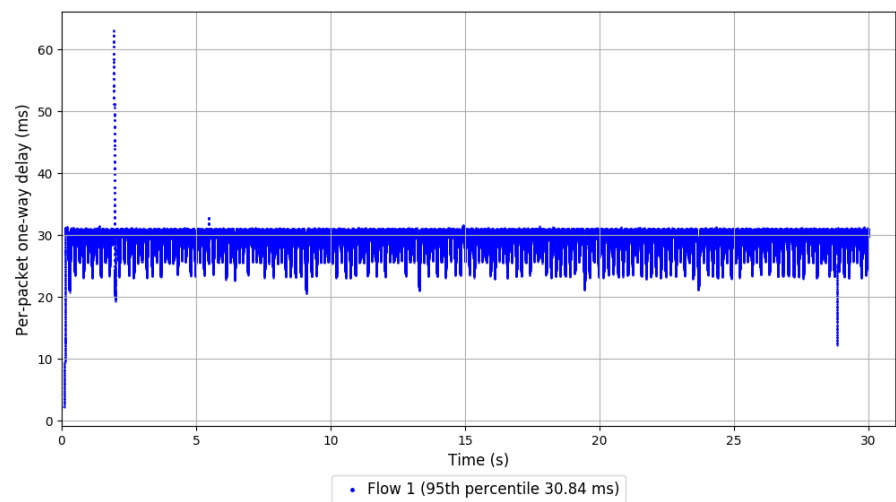
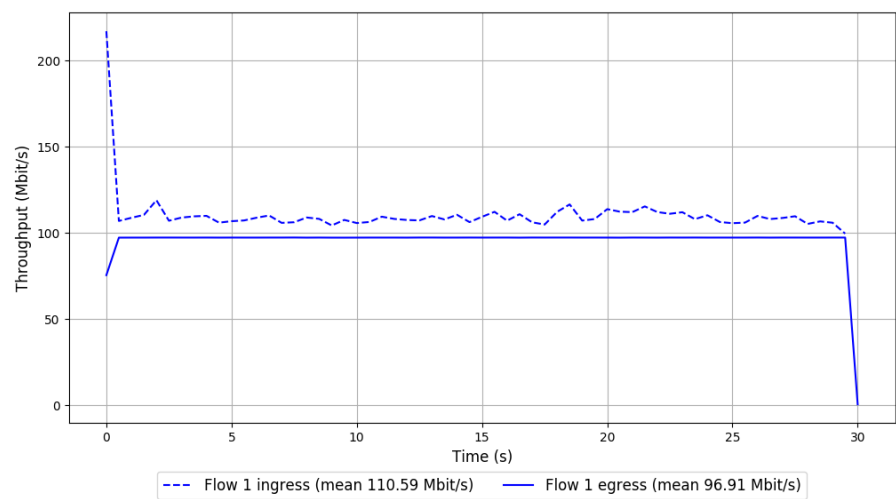
Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 30.842 ms

Loss rate: 12.29%



Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-01-16 16:43:06

End at: 2018-01-16 16:43:36

Local clock offset: 1.214 ms

Remote clock offset: 0.163 ms

# Below is generated by plot.py at 2018-01-16 17:46:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 30.887 ms

Loss rate: 12.41%

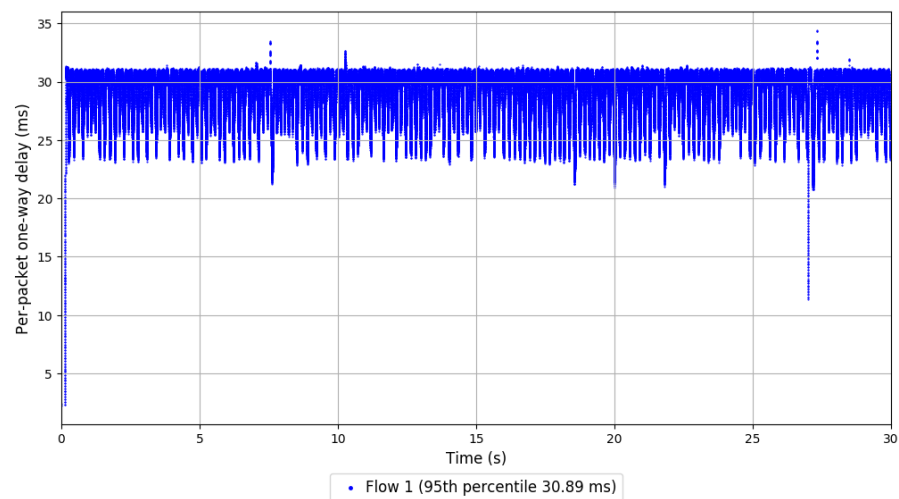
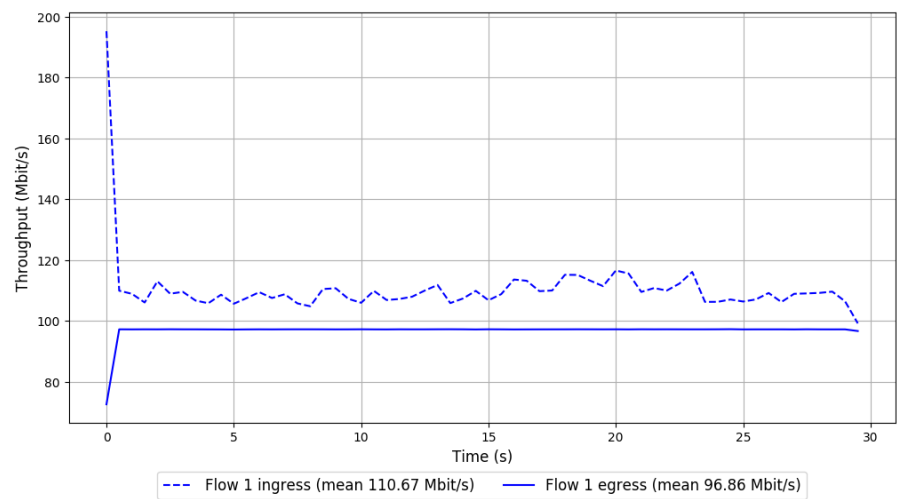
-- Flow 1:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 30.887 ms

Loss rate: 12.41%

Run 10: Report of FillP — Data Link

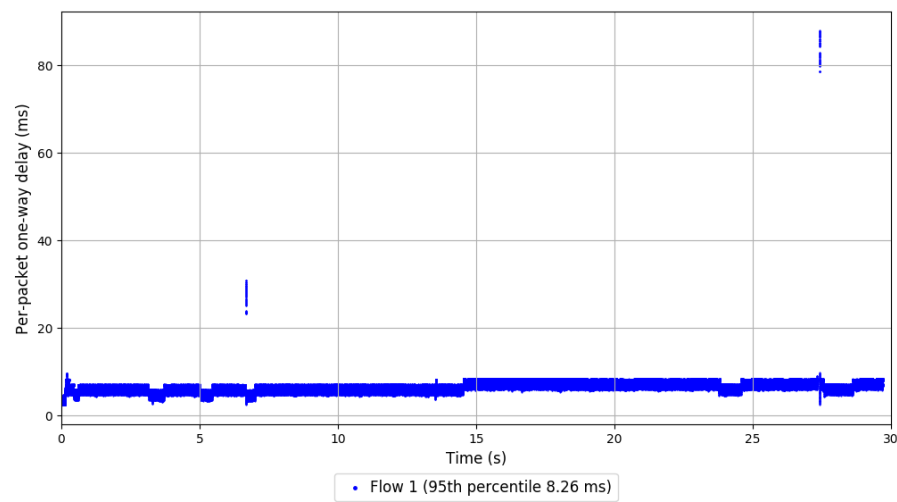
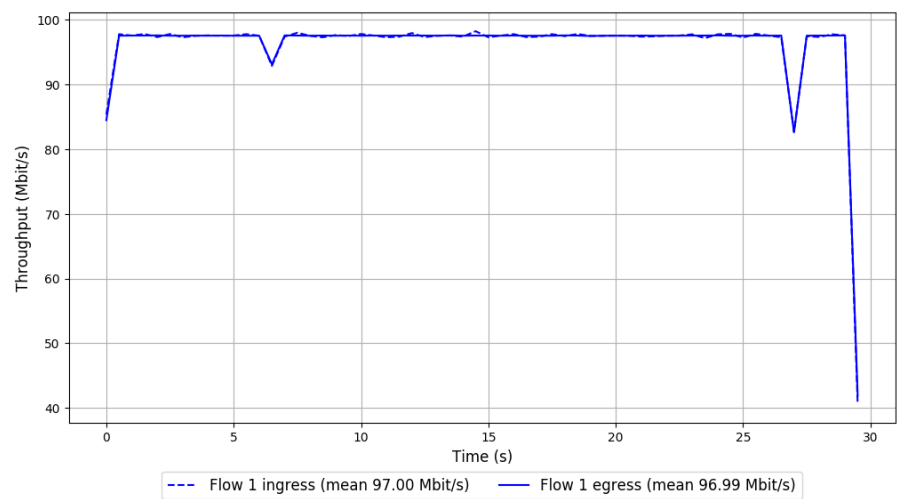


```
Run 1: Statistics of Indigo

Start at: 2018-01-16 13:40:15
End at: 2018-01-16 13:40:45
Local clock offset: -2.898 ms
Remote clock offset: -0.019 ms

# Below is generated by plot.py at 2018-01-16 17:46:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 8.259 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 8.259 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

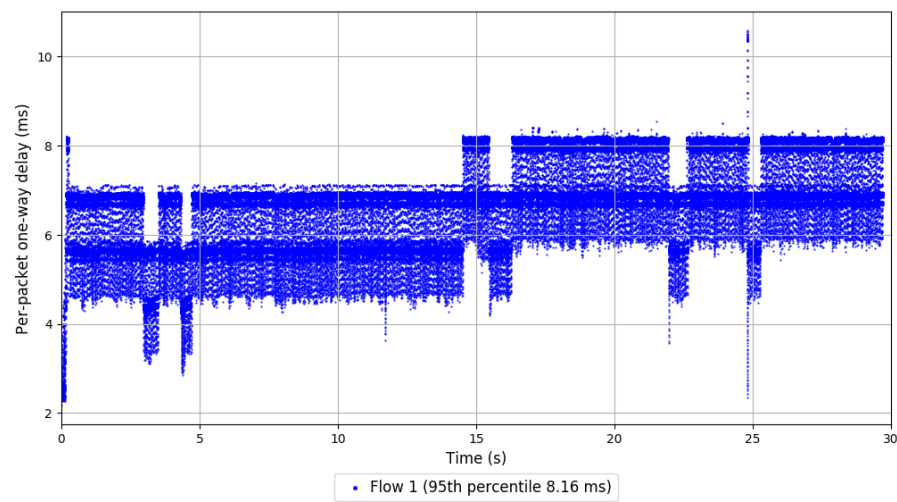
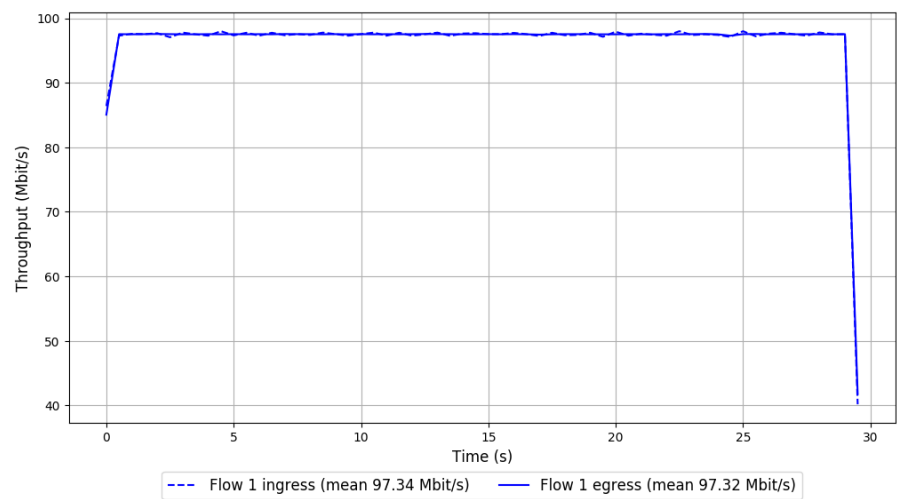


Run 2: Statistics of Indigo

Start at: 2018-01-16 14:00:45  
End at: 2018-01-16 14:01:15  
Local clock offset: -2.476 ms  
Remote clock offset: -0.387 ms

# Below is generated by plot.py at 2018-01-16 17:47:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.32 Mbit/s  
95th percentile per-packet one-way delay: 8.156 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.32 Mbit/s  
95th percentile per-packet one-way delay: 8.156 ms  
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



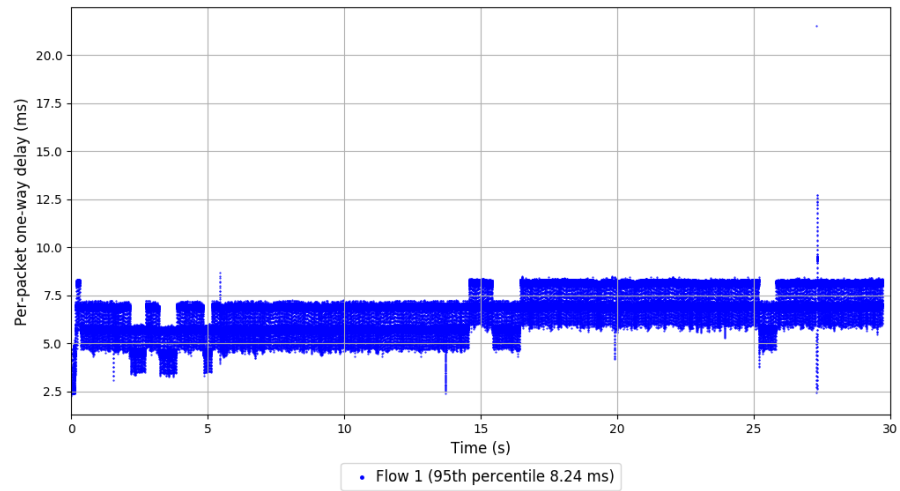
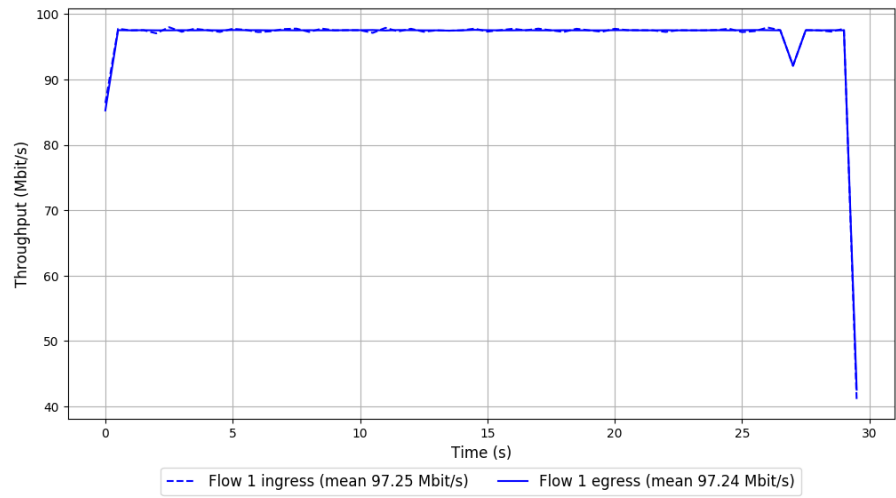
Run 3: Statistics of Indigo

Start at: 2018-01-16 14:21:12  
End at: 2018-01-16 14:21:42  
Local clock offset: -1.861 ms  
Remote clock offset: -0.068 ms

# Below is generated by plot.py at 2018-01-16 17:47:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.24 Mbit/s  
95th percentile per-packet one-way delay: 8.240 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.24 Mbit/s  
95th percentile per-packet one-way delay: 8.240 ms  
Loss rate: 0.00%



### Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-01-16 14:41:39

End at: 2018-01-16 14:42:09

Local clock offset: -1.036 ms

Remote clock offset: 0.09 ms

# Below is generated by plot.py at 2018-01-16 17:47:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 8.241 ms

Loss rate: 0.00%

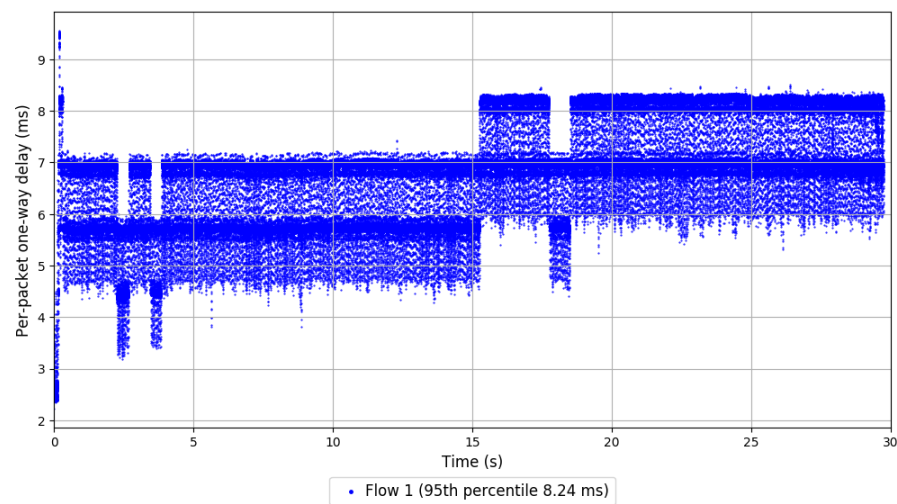
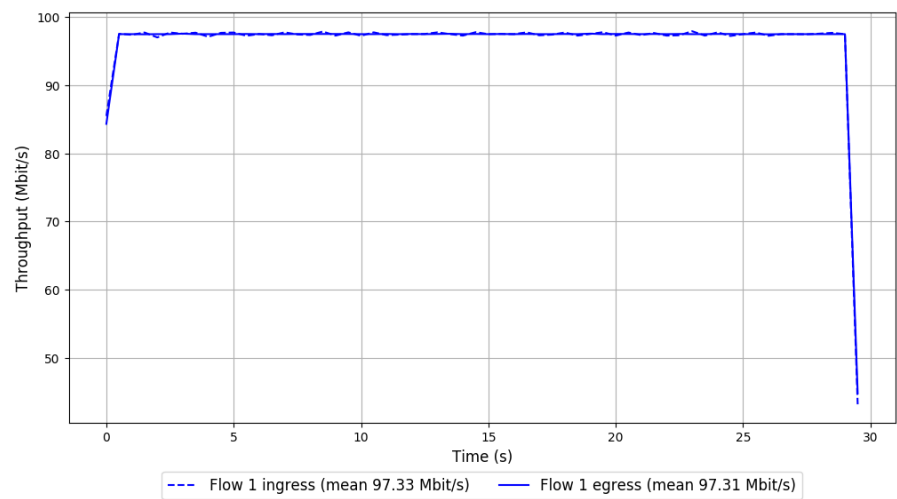
-- Flow 1:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 8.241 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

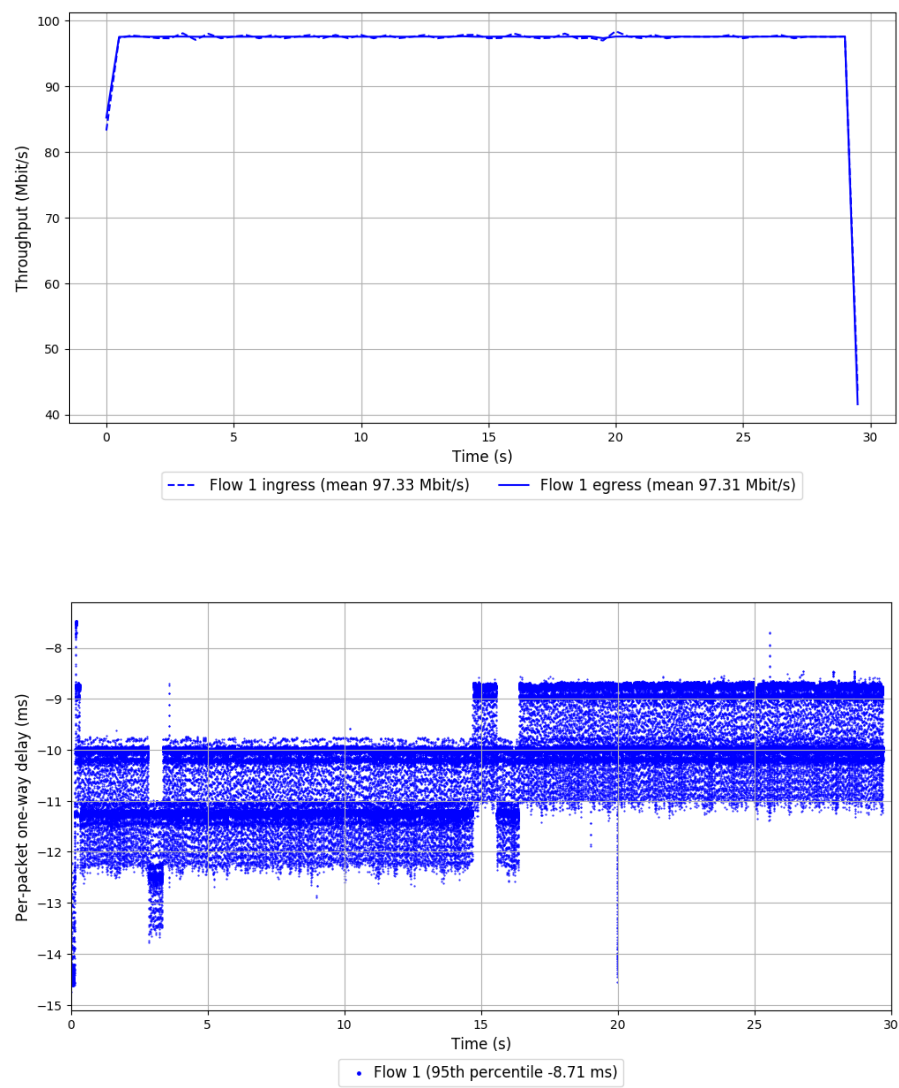


Run 5: Statistics of Indigo

Start at: 2018-01-16 15:02:03  
End at: 2018-01-16 15:02:33  
Local clock offset: -0.359 ms  
Remote clock offset: -16.647 ms

# Below is generated by plot.py at 2018-01-16 17:47:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.31 Mbit/s  
95th percentile per-packet one-way delay: -8.714 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.31 Mbit/s  
95th percentile per-packet one-way delay: -8.714 ms  
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-01-16 15:22:36

End at: 2018-01-16 15:23:06

Local clock offset: 0.108 ms

Remote clock offset: 0.46 ms

# Below is generated by plot.py at 2018-01-16 17:47:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.20 Mbit/s

95th percentile per-packet one-way delay: 8.211 ms

Loss rate: 0.00%

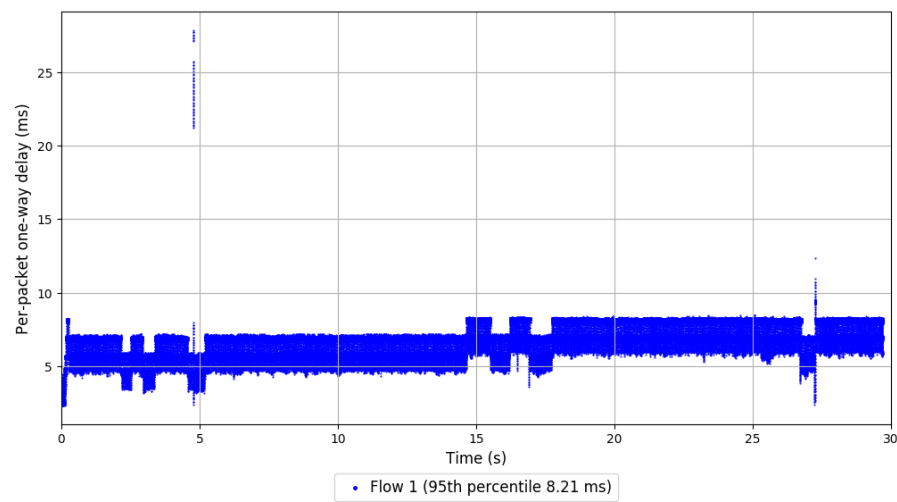
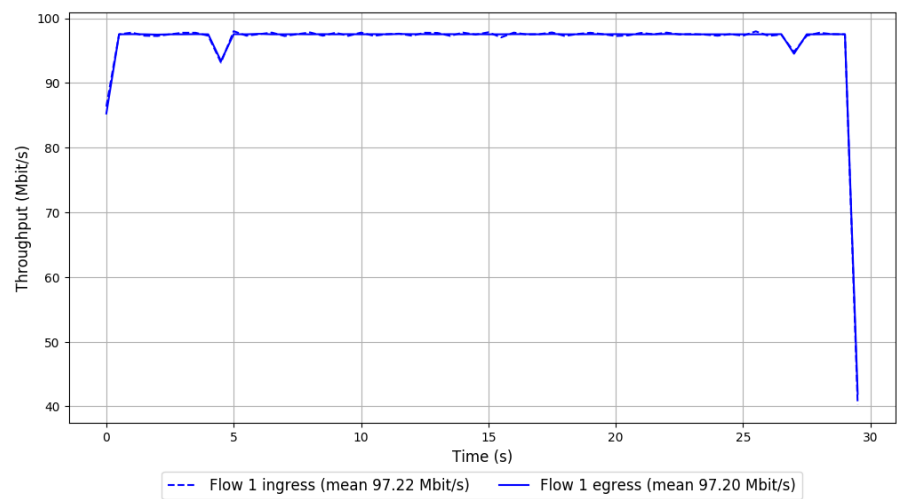
-- Flow 1:

Average throughput: 97.20 Mbit/s

95th percentile per-packet one-way delay: 8.211 ms

Loss rate: 0.00%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-01-16 15:43:02

End at: 2018-01-16 15:43:32

Local clock offset: 0.552 ms

Remote clock offset: 0.529 ms

# Below is generated by plot.py at 2018-01-16 17:47:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 7.979 ms

Loss rate: 0.00%

-- Flow 1:

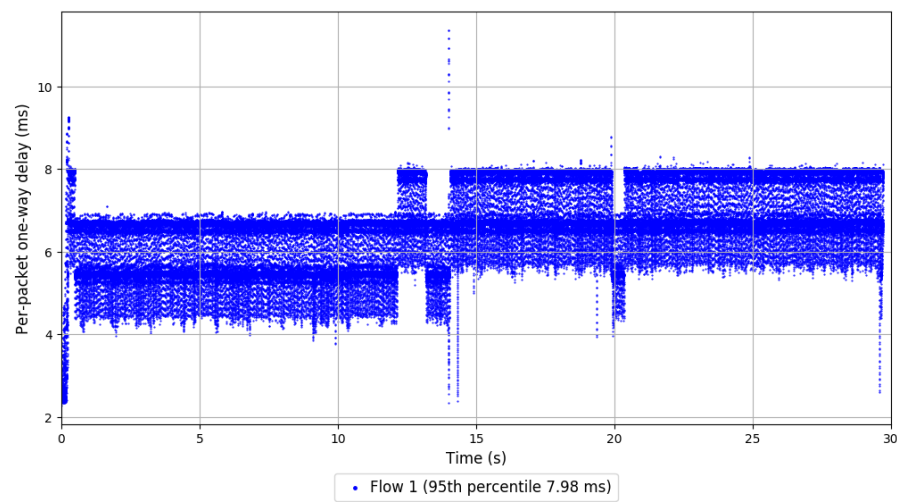
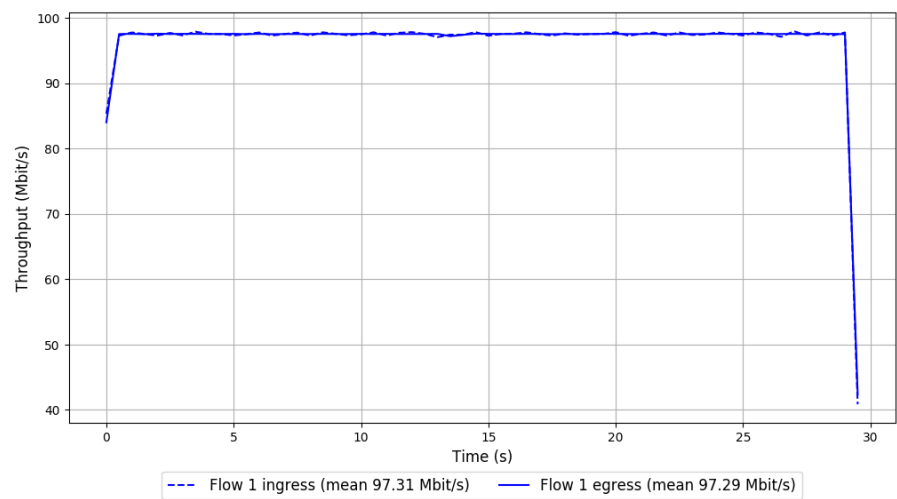
Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 7.979 ms

Loss rate: 0.00%



Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-01-16 16:03:24

End at: 2018-01-16 16:03:54

Local clock offset: 0.869 ms

Remote clock offset: 0.497 ms

# Below is generated by plot.py at 2018-01-16 17:47:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.41 Mbit/s

95th percentile per-packet one-way delay: 8.126 ms

Loss rate: 0.00%

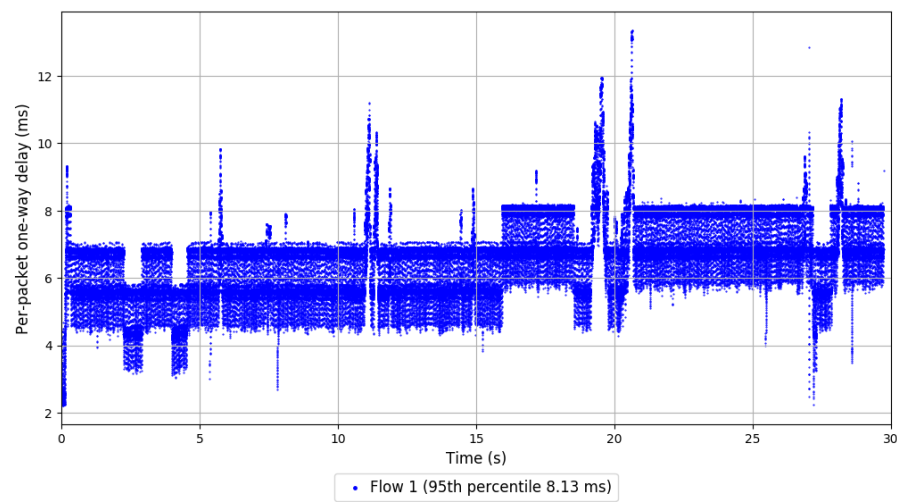
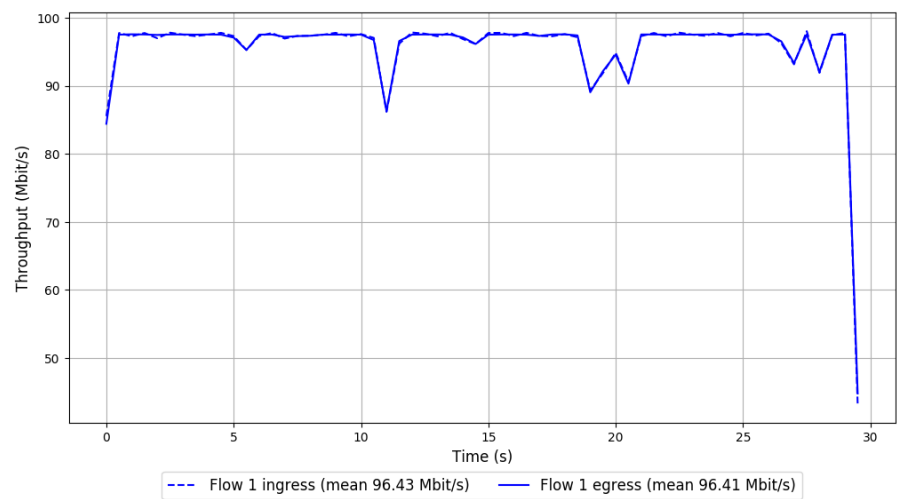
-- Flow 1:

Average throughput: 96.41 Mbit/s

95th percentile per-packet one-way delay: 8.126 ms

Loss rate: 0.00%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-01-16 16:23:49

End at: 2018-01-16 16:24:19

Local clock offset: 1.046 ms

Remote clock offset: 0.371 ms

# Below is generated by plot.py at 2018-01-16 17:47:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 8.146 ms

Loss rate: 0.00%

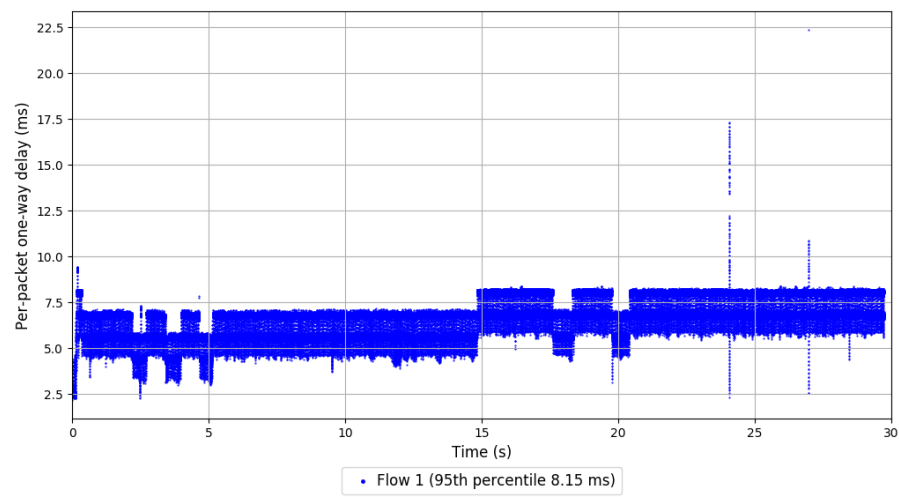
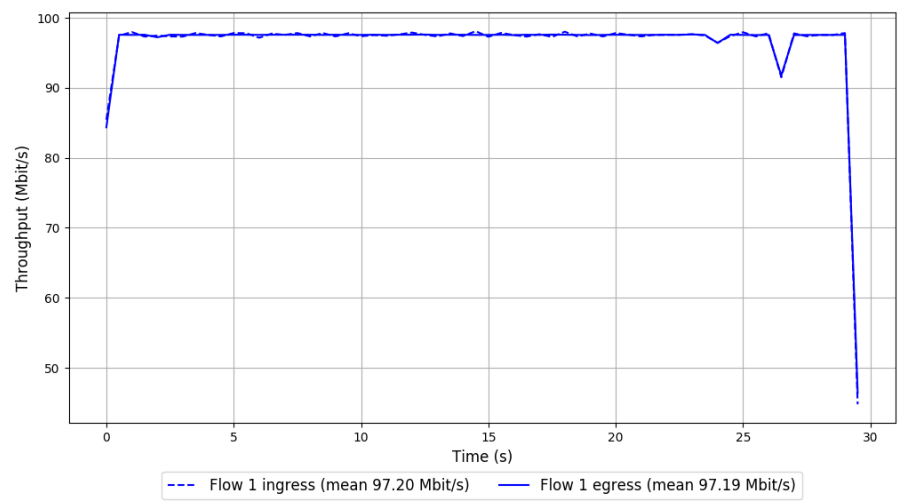
-- Flow 1:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 8.146 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-01-16 16:44:15

End at: 2018-01-16 16:44:45

Local clock offset: 1.168 ms

Remote clock offset: 0.147 ms

# Below is generated by plot.py at 2018-01-16 17:48:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 8.234 ms

Loss rate: 0.00%

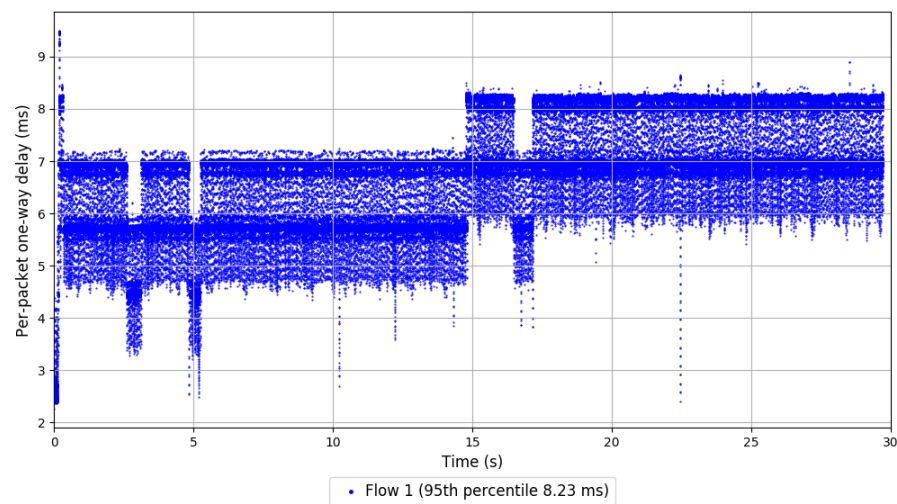
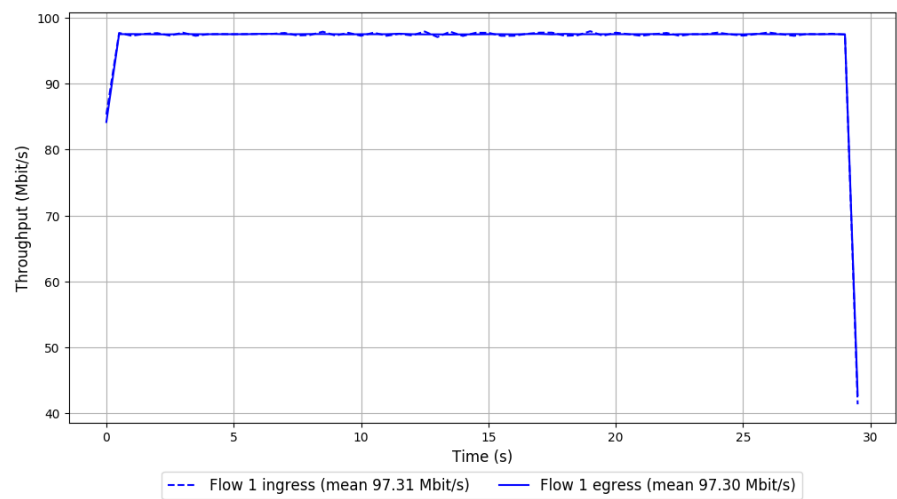
-- Flow 1:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 8.234 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link



Run 1: Statistics of Vivace-latency

Start at: 2018-01-16 13:29:59

End at: 2018-01-16 13:30:29

Local clock offset: -2.868 ms

Remote clock offset: 0.34 ms

# Below is generated by plot.py at 2018-01-16 17:49:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.61 Mbit/s

95th percentile per-packet one-way delay: 2.607 ms

Loss rate: 0.00%

-- Flow 1:

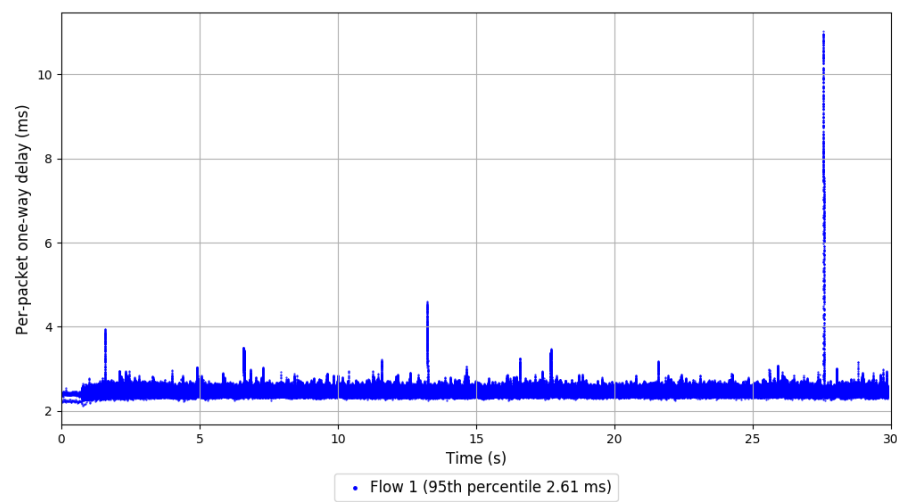
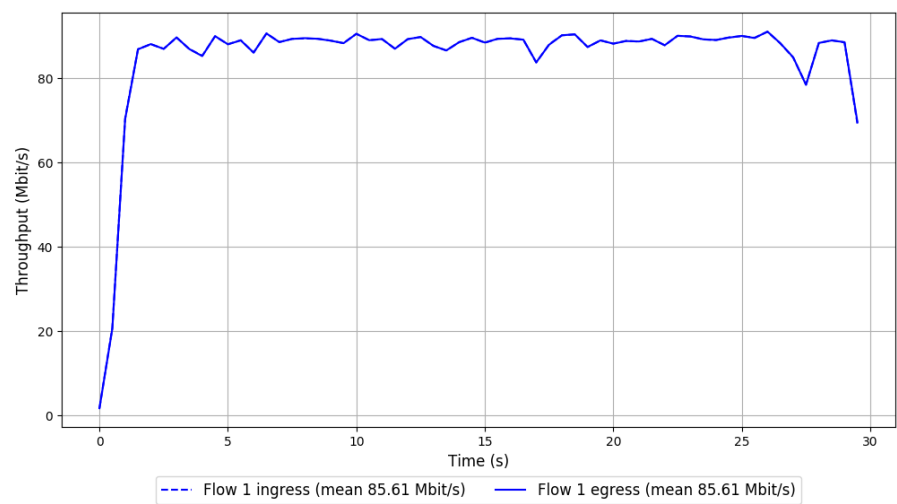
Average throughput: 85.61 Mbit/s

95th percentile per-packet one-way delay: 2.607 ms

Loss rate: 0.00%



Run 1: Report of Vivace-latency — Data Link

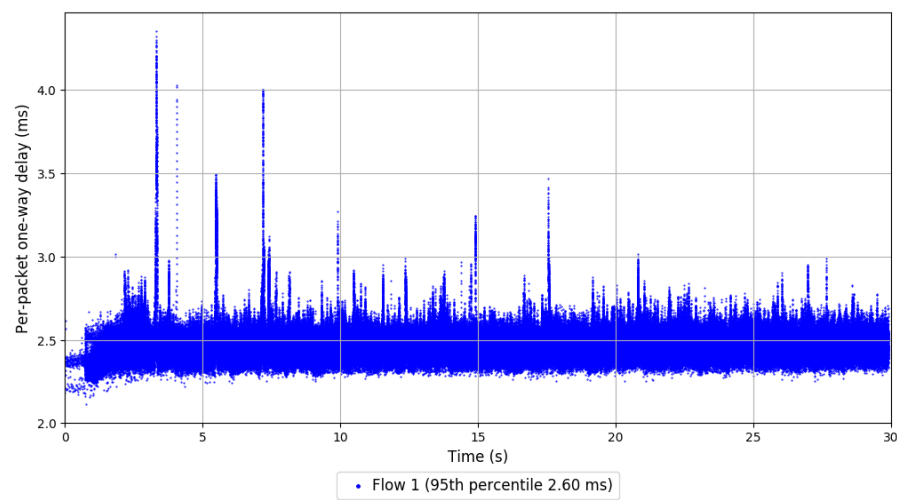
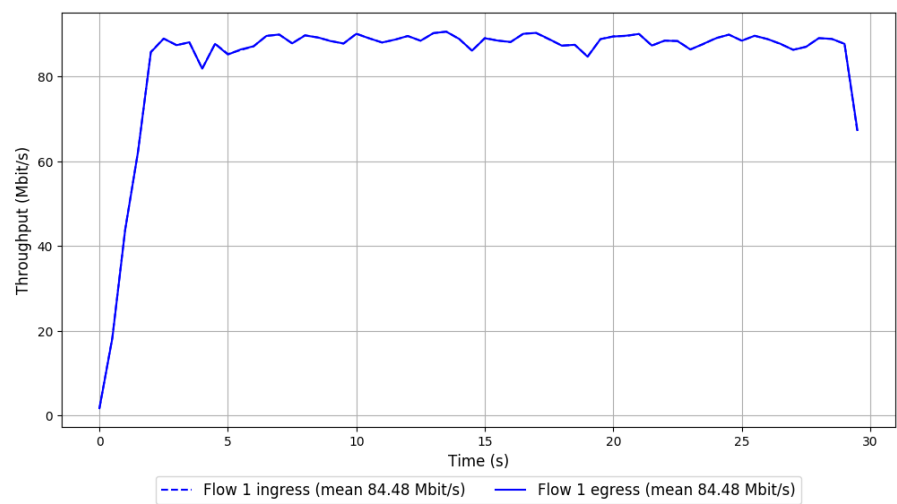


Run 2: Statistics of Vivace-latency

Start at: 2018-01-16 13:50:30  
End at: 2018-01-16 13:51:00  
Local clock offset: -2.603 ms  
Remote clock offset: -0.395 ms

# Below is generated by plot.py at 2018-01-16 17:49:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.48 Mbit/s  
95th percentile per-packet one-way delay: 2.604 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 84.48 Mbit/s  
95th percentile per-packet one-way delay: 2.604 ms  
Loss rate: 0.00%

Run 2: Report of Vivace-latency — Data Link

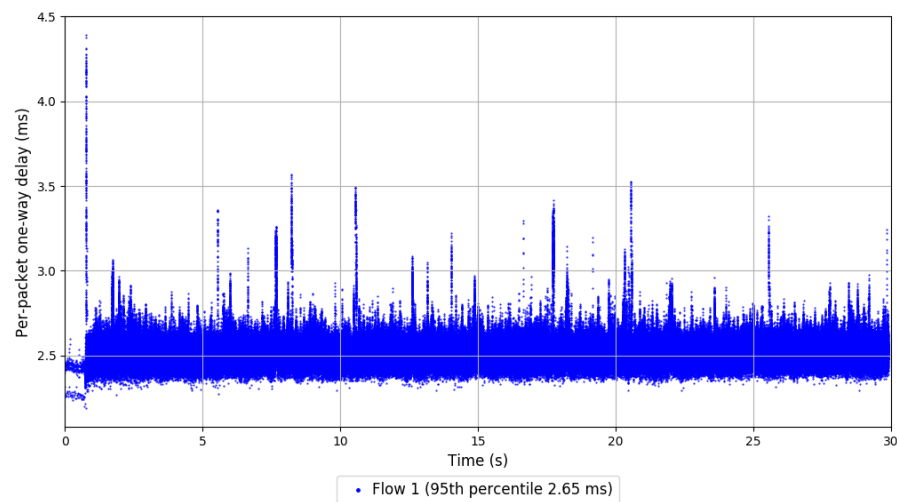
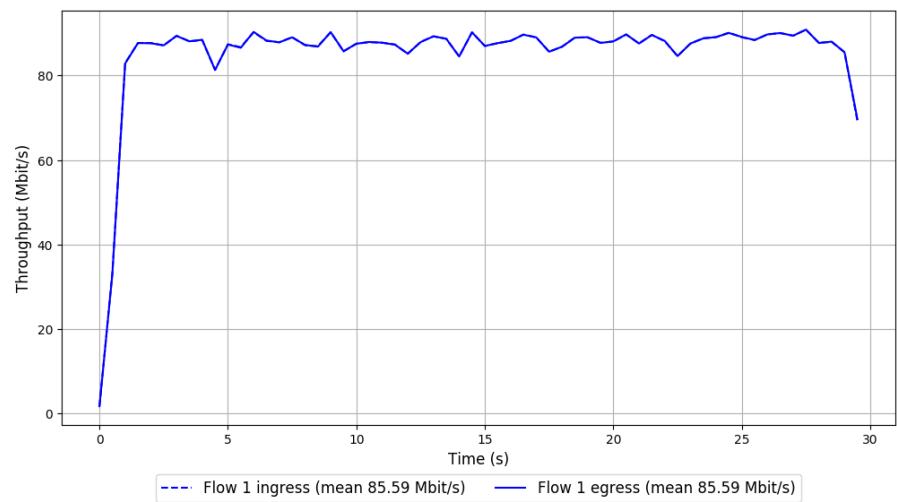


Run 3: Statistics of Vivace-latency

Start at: 2018-01-16 14:11:04  
End at: 2018-01-16 14:11:34  
Local clock offset: -2.277 ms  
Remote clock offset: -0.176 ms

# Below is generated by plot.py at 2018-01-16 17:50:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.59 Mbit/s  
95th percentile per-packet one-way delay: 2.649 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 85.59 Mbit/s  
95th percentile per-packet one-way delay: 2.649 ms  
Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link



Run 4: Statistics of Vivace-latency

Start at: 2018-01-16 14:31:31

End at: 2018-01-16 14:32:01

Local clock offset: -1.409 ms

Remote clock offset: 0.04 ms

# Below is generated by plot.py at 2018-01-16 17:50:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.39 Mbit/s

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

Loss rate: 0.00%

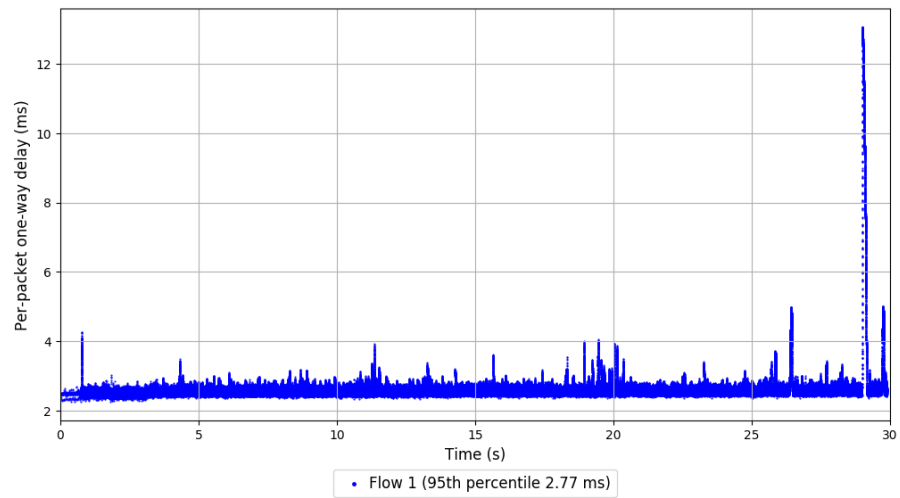
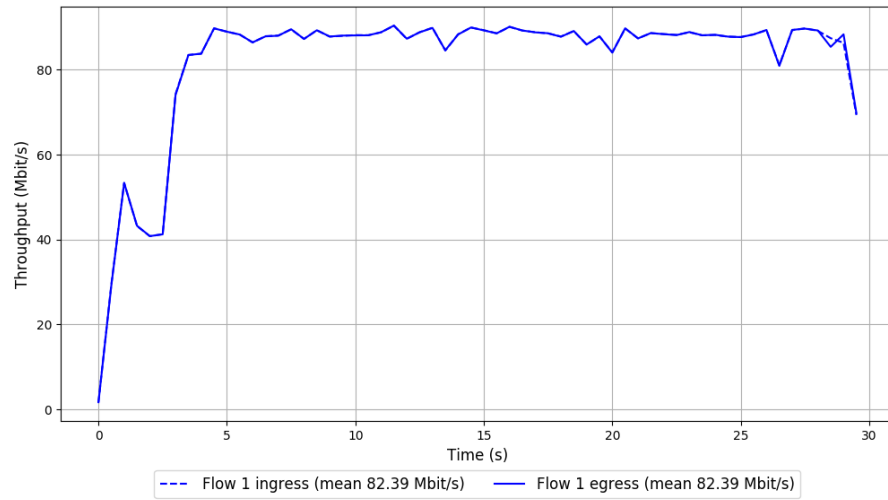
-- Flow 1:

Average throughput: 82.39 Mbit/s

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

Loss rate: 0.00%

#### Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-01-16 14:51:55

End at: 2018-01-16 14:52:25

Local clock offset: -0.647 ms

Remote clock offset: 0.099 ms

# Below is generated by plot.py at 2018-01-16 17:50:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.19 Mbit/s

95th percentile per-packet one-way delay: 2.620 ms

Loss rate: 0.00%

-- Flow 1:

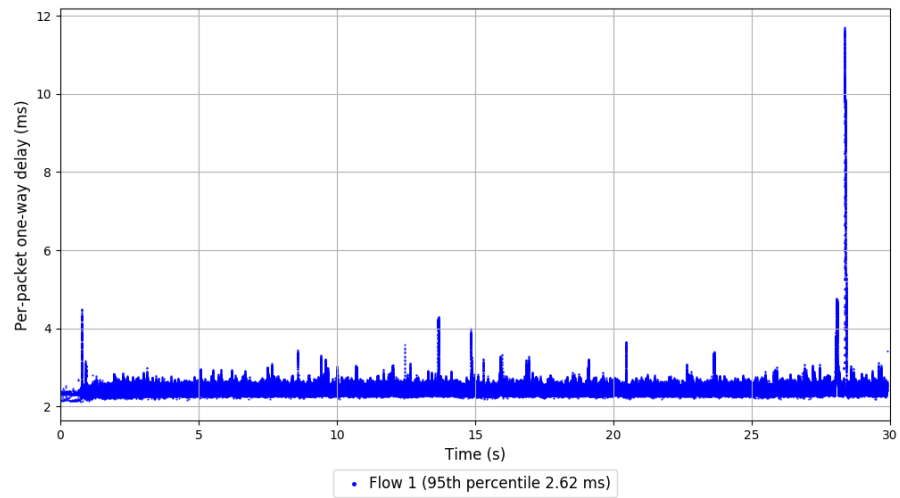
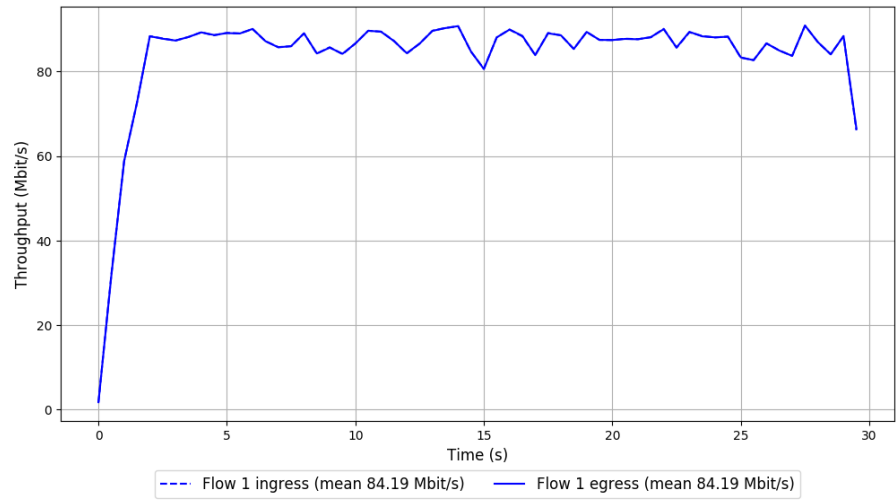
Average throughput: 84.19 Mbit/s

95th percentile per-packet one-way delay: 2.620 ms

Loss rate: 0.00%



### Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-01-16 15:12:22

End at: 2018-01-16 15:12:52

Local clock offset: -0.085 ms

Remote clock offset: 0.291 ms

# Below is generated by plot.py at 2018-01-16 17:50:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.33 Mbit/s

95th percentile per-packet one-way delay: 2.744 ms

Loss rate: 0.00%

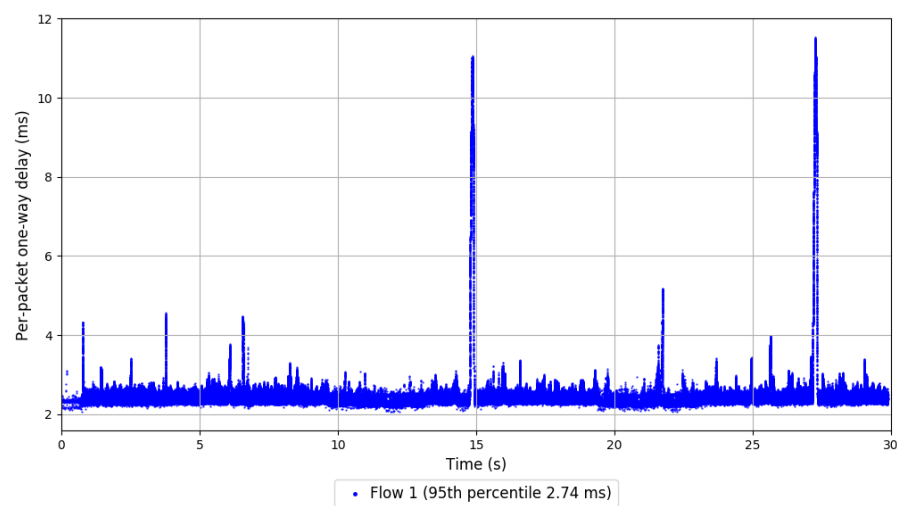
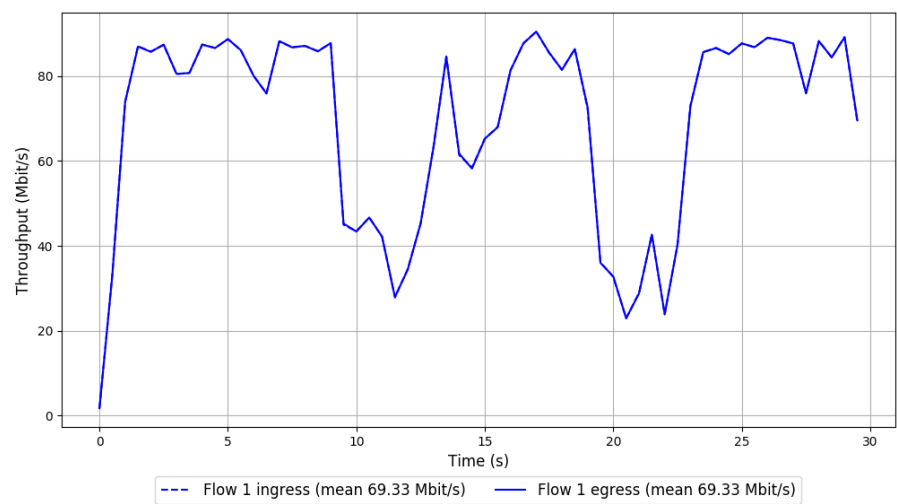
-- Flow 1:

Average throughput: 69.33 Mbit/s

95th percentile per-packet one-way delay: 2.744 ms

Loss rate: 0.00%

Run 6: Report of Vivace-latency — Data Link



Run 7: Statistics of Vivace-latency

Start at: 2018-01-16 15:32:54

End at: 2018-01-16 15:33:24

Local clock offset: 0.442 ms

Remote clock offset: 0.442 ms

# Below is generated by plot.py at 2018-01-16 17:50:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.24 Mbit/s

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

Loss rate: 0.00%

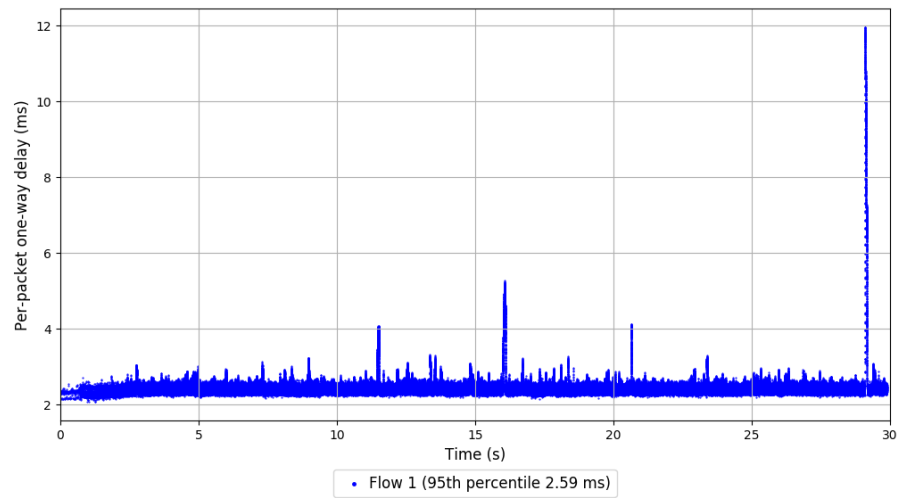
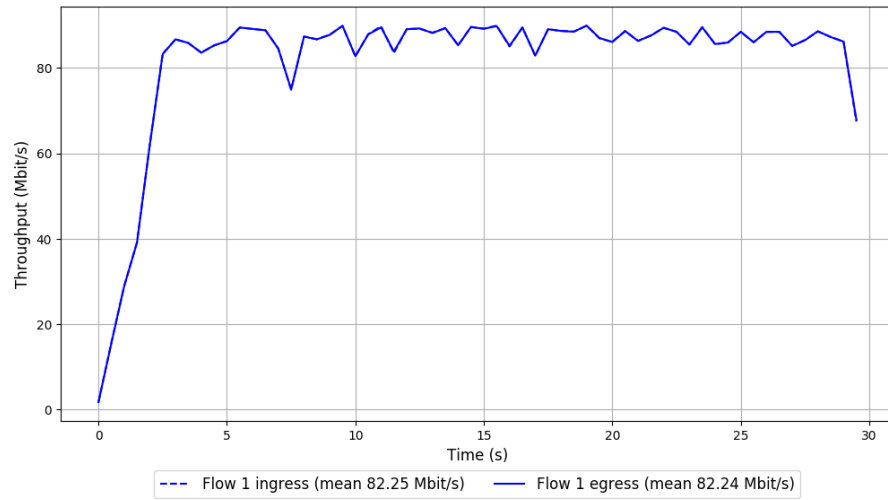
-- Flow 1:

Average throughput: 82.24 Mbit/s

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

Loss rate: 0.00%

### Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-01-16 15:53:16

End at: 2018-01-16 15:53:46

Local clock offset: 0.775 ms

Remote clock offset: 0.6 ms

# Below is generated by plot.py at 2018-01-16 17:51:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.32 Mbit/s

95th percentile per-packet one-way delay: 2.640 ms

Loss rate: 0.00%

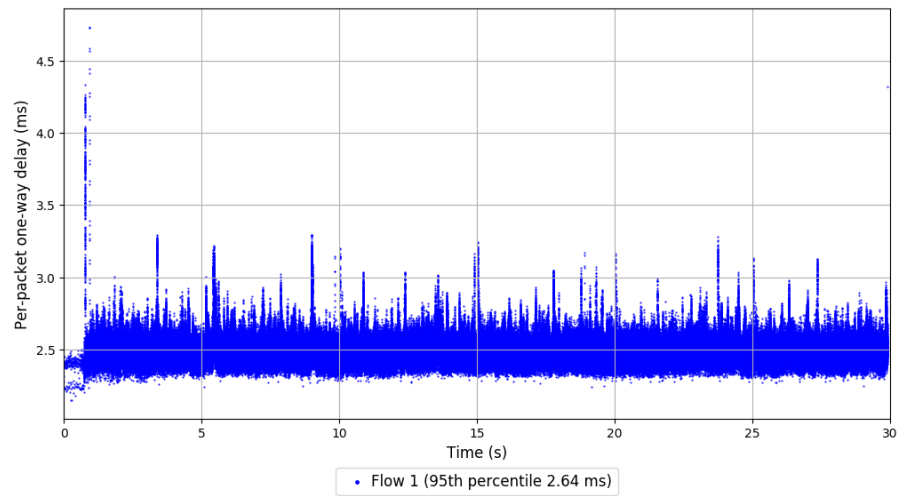
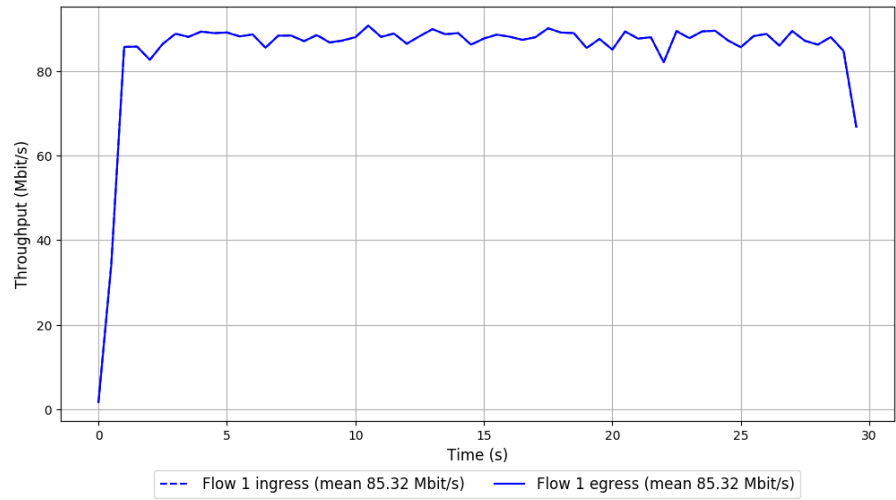
-- Flow 1:

Average throughput: 85.32 Mbit/s

95th percentile per-packet one-way delay: 2.640 ms

Loss rate: 0.00%

### Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-01-16 16:13:39

End at: 2018-01-16 16:14:09

Local clock offset: 0.975 ms

Remote clock offset: 0.515 ms

# Below is generated by plot.py at 2018-01-16 17:51:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 48.79 Mbit/s

95th percentile per-packet one-way delay: 7.290 ms

Loss rate: 0.00%

-- Flow 1:

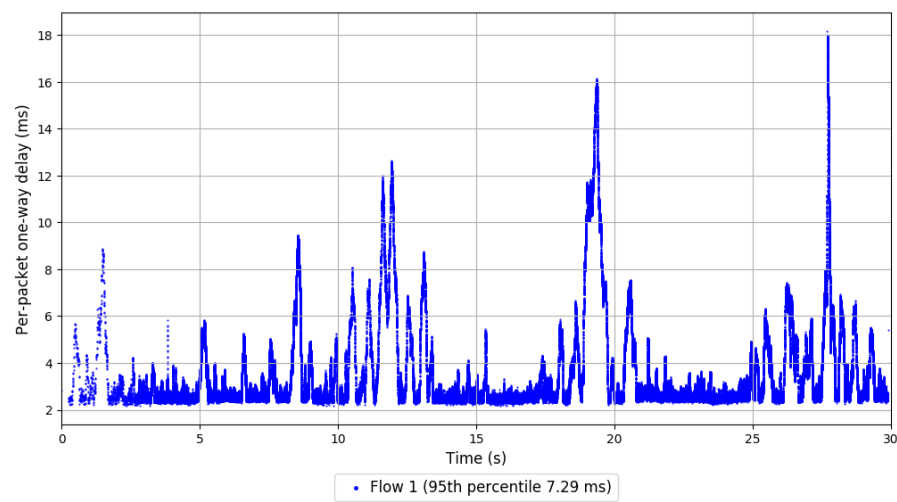
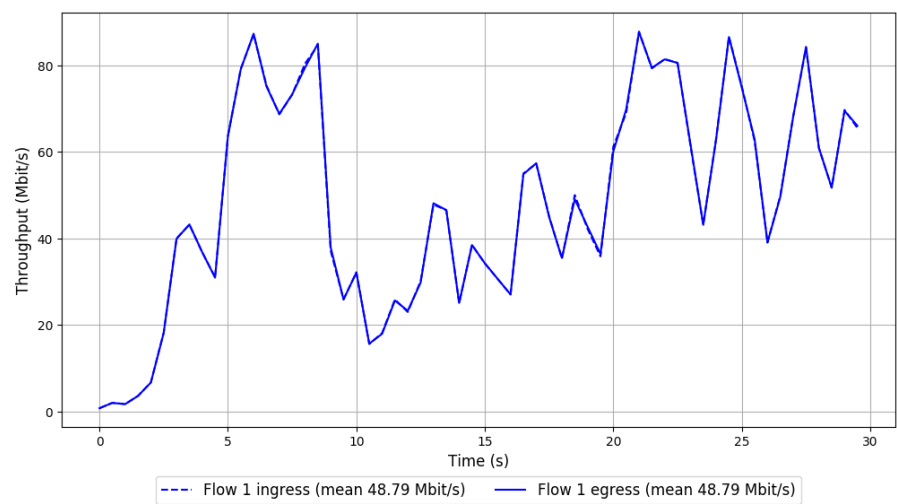
Average throughput: 48.79 Mbit/s

95th percentile per-packet one-way delay: 7.290 ms

Loss rate: 0.00%



Run 9: Report of Vivace-latency — Data Link



Run 10: Statistics of Vivace-latency

Start at: 2018-01-16 16:34:07

End at: 2018-01-16 16:34:37

Local clock offset: 1.136 ms

Remote clock offset: 0.303 ms

# Below is generated by plot.py at 2018-01-16 17:52:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.63 Mbit/s

95th percentile per-packet one-way delay: 2.899 ms

Loss rate: 0.00%

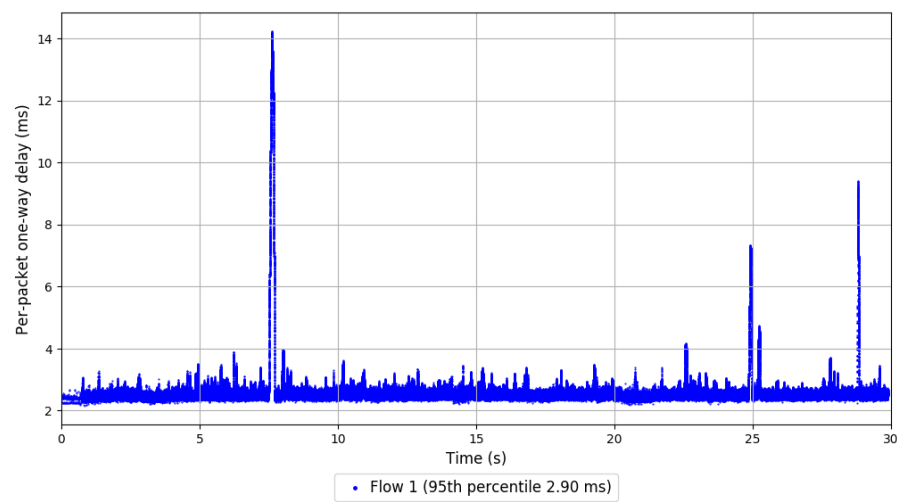
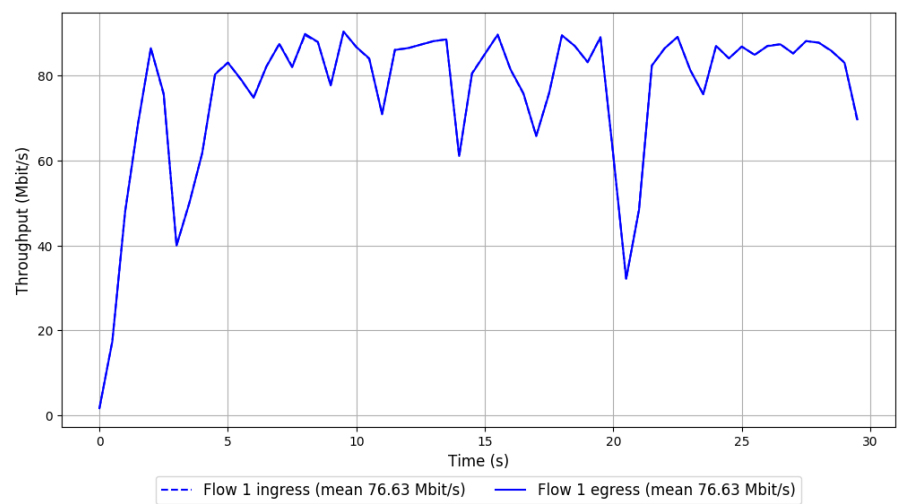
-- Flow 1:

Average throughput: 76.63 Mbit/s

95th percentile per-packet one-way delay: 2.899 ms

Loss rate: 0.00%

Run 10: Report of Vivace-latency — Data Link

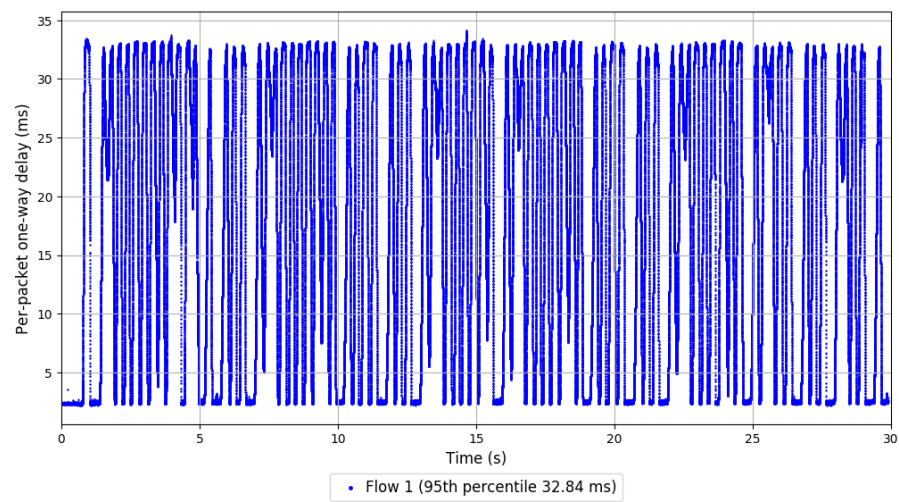
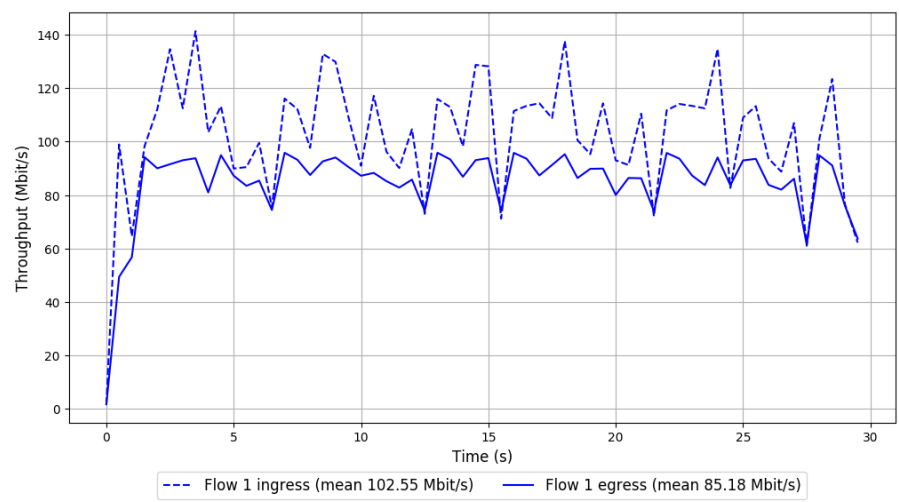


Run 1: Statistics of Vivace-loss

Start at: 2018-01-16 13:42:36  
End at: 2018-01-16 13:43:06  
Local clock offset: -2.792 ms  
Remote clock offset: -0.113 ms

# Below is generated by plot.py at 2018-01-16 17:52:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.18 Mbit/s  
95th percentile per-packet one-way delay: 32.842 ms  
Loss rate: 16.94%  
-- Flow 1:  
Average throughput: 85.18 Mbit/s  
95th percentile per-packet one-way delay: 32.842 ms  
Loss rate: 16.94%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-01-16 14:03:07

End at: 2018-01-16 14:03:37

Local clock offset: -2.43 ms

Remote clock offset: -0.332 ms

# Below is generated by plot.py at 2018-01-16 17:52:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.29 Mbit/s

95th percentile per-packet one-way delay: 32.623 ms

Loss rate: 12.15%

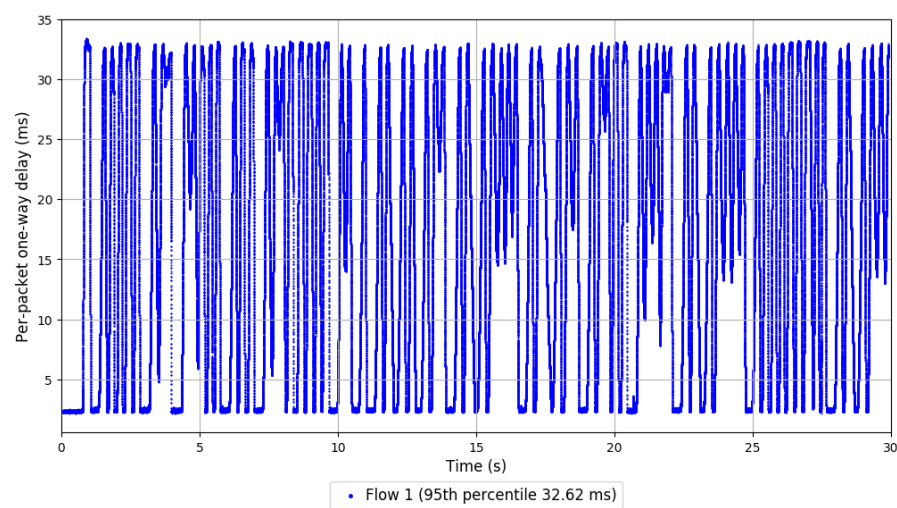
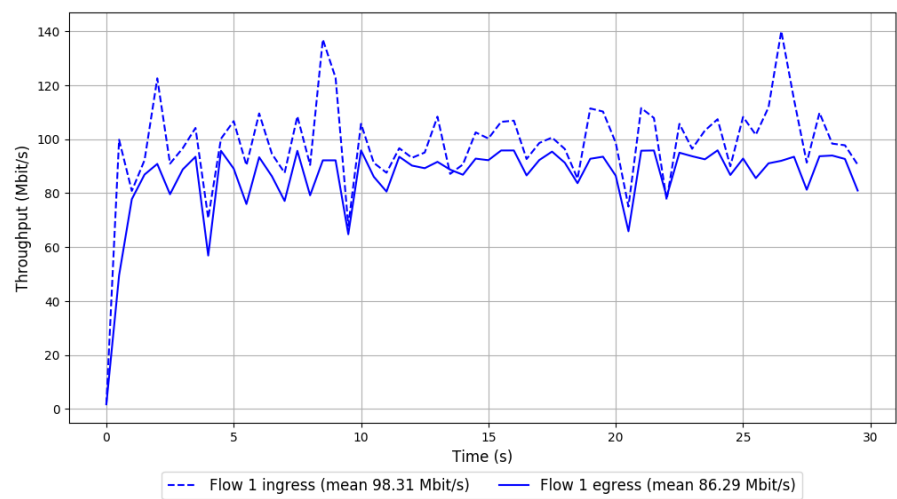
-- Flow 1:

Average throughput: 86.29 Mbit/s

95th percentile per-packet one-way delay: 32.623 ms

Loss rate: 12.15%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-01-16 14:23:33

End at: 2018-01-16 14:24:03

Local clock offset: -1.673 ms

Remote clock offset: -16.182 ms

# Below is generated by plot.py at 2018-01-16 17:52:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.36 Mbit/s

95th percentile per-packet one-way delay: 16.380 ms

Loss rate: 10.41%

-- Flow 1:

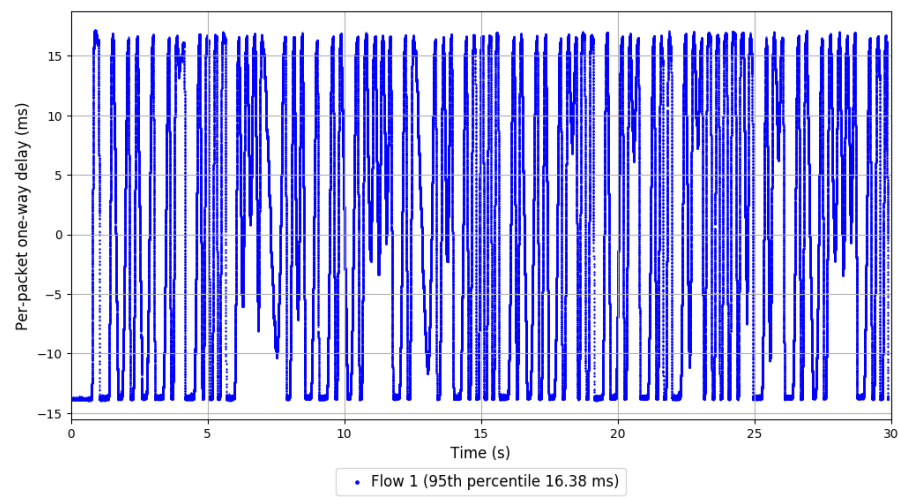
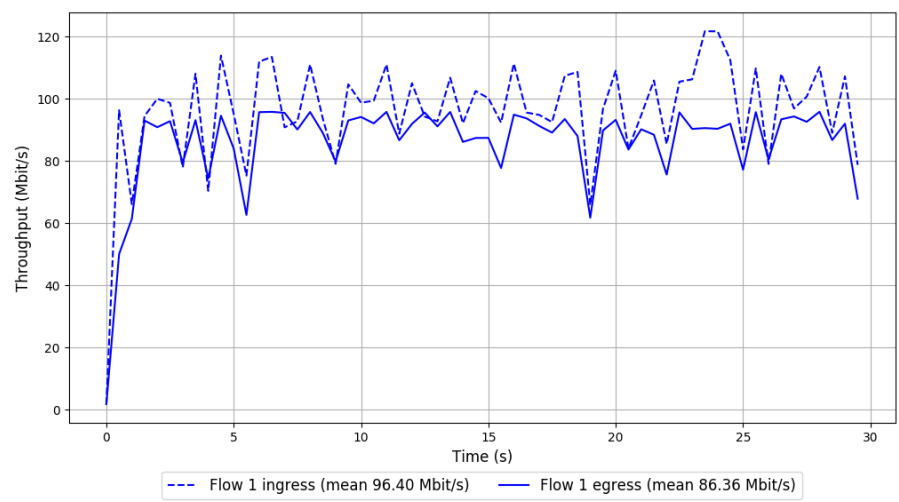
Average throughput: 86.36 Mbit/s

95th percentile per-packet one-way delay: 16.380 ms

Loss rate: 10.41%



Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-01-16 14:44:00

End at: 2018-01-16 14:44:30

Local clock offset: -0.892 ms

Remote clock offset: 0.101 ms

# Below is generated by plot.py at 2018-01-16 17:52:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.83 Mbit/s

95th percentile per-packet one-way delay: 32.740 ms

Loss rate: 14.79%

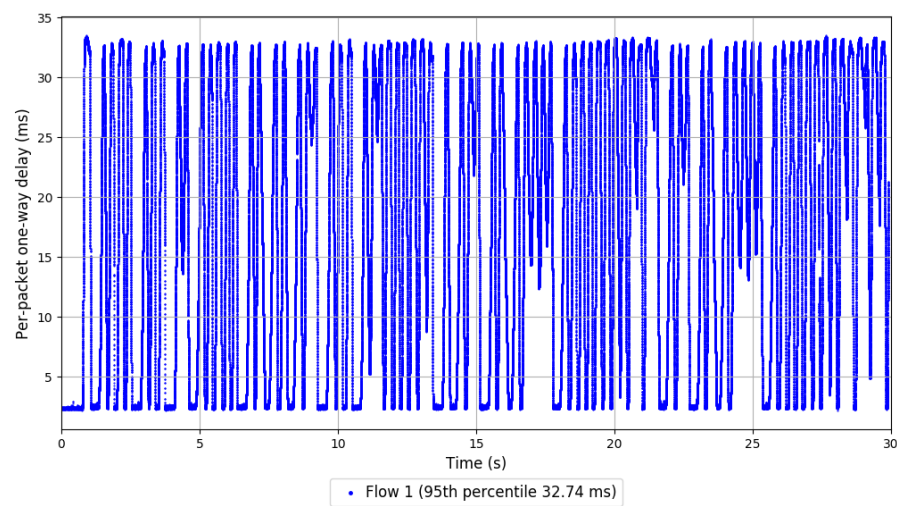
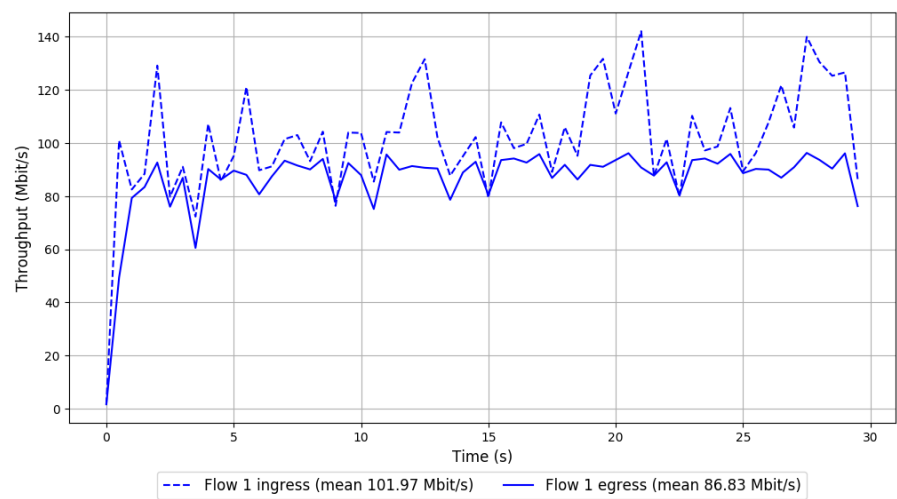
-- Flow 1:

Average throughput: 86.83 Mbit/s

95th percentile per-packet one-way delay: 32.740 ms

Loss rate: 14.79%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-01-16 15:04:25

End at: 2018-01-16 15:04:55

Local clock offset: -0.294 ms

Remote clock offset: 0.289 ms

# Below is generated by plot.py at 2018-01-16 17:52:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.35 Mbit/s

95th percentile per-packet one-way delay: 32.754 ms

Loss rate: 14.20%

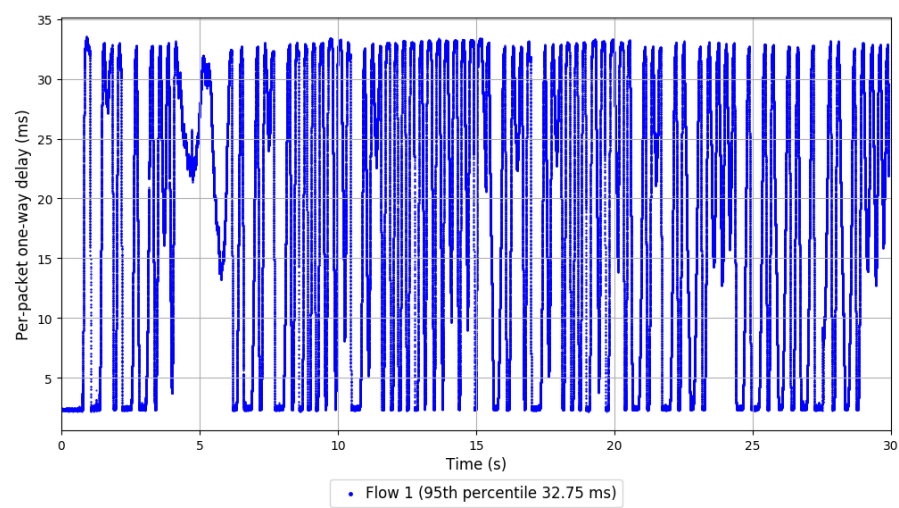
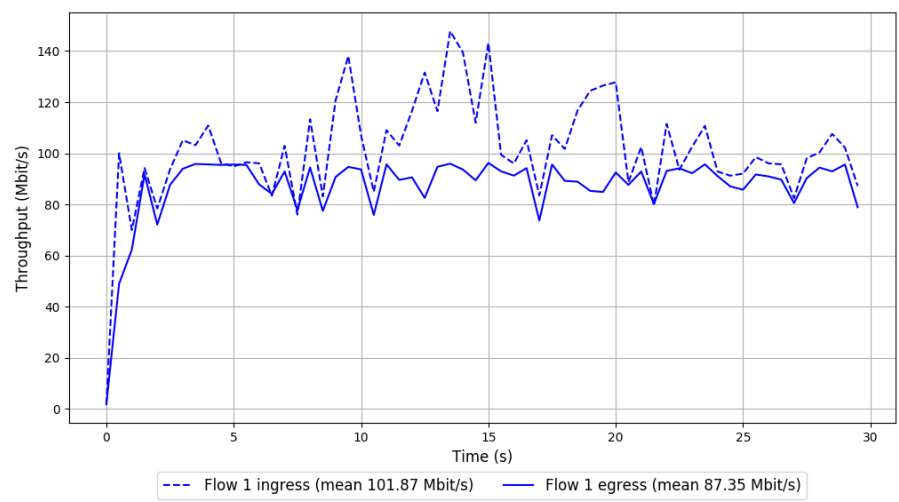
-- Flow 1:

Average throughput: 87.35 Mbit/s

95th percentile per-packet one-way delay: 32.754 ms

Loss rate: 14.20%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-01-16 15:24:57

End at: 2018-01-16 15:25:27

Local clock offset: 0.226 ms

Remote clock offset: 0.476 ms

# Below is generated by plot.py at 2018-01-16 17:53:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.67 Mbit/s

95th percentile per-packet one-way delay: 42.212 ms

Loss rate: 13.12%

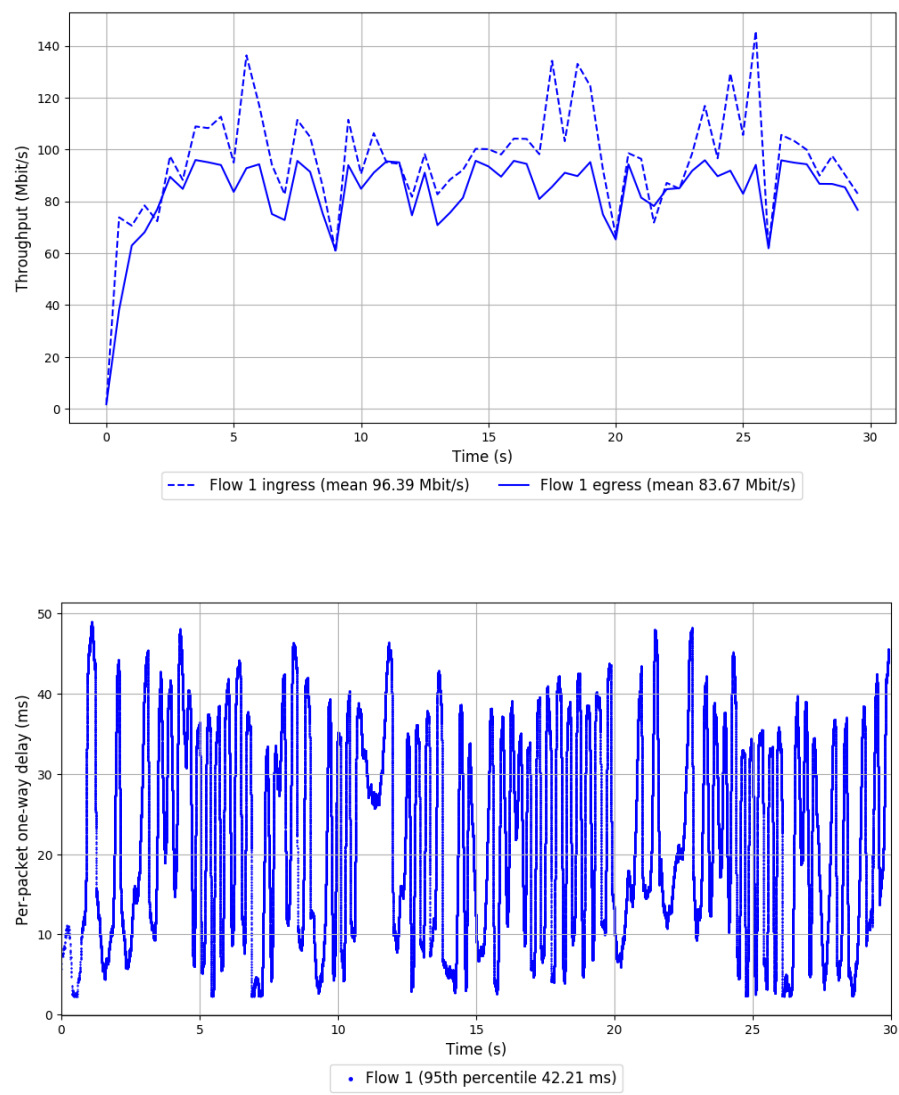
-- Flow 1:

Average throughput: 83.67 Mbit/s

95th percentile per-packet one-way delay: 42.212 ms

Loss rate: 13.12%

Run 6: Report of Vivace-loss — Data Link



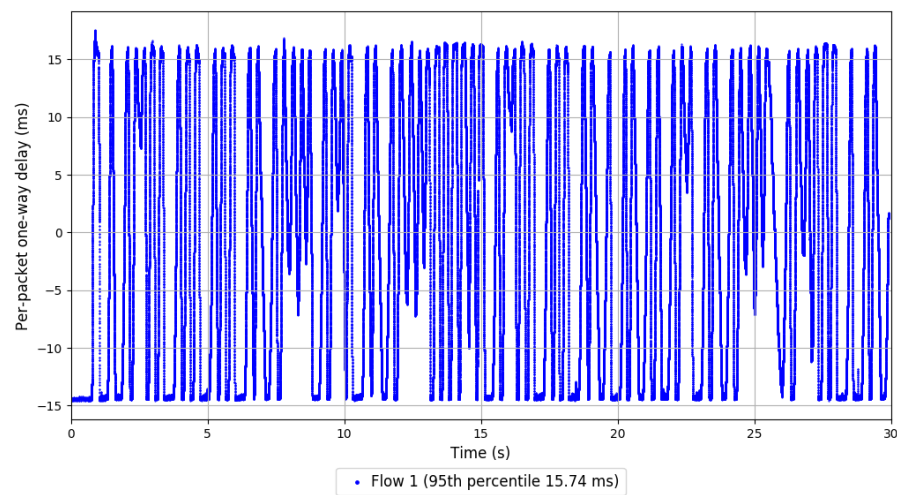
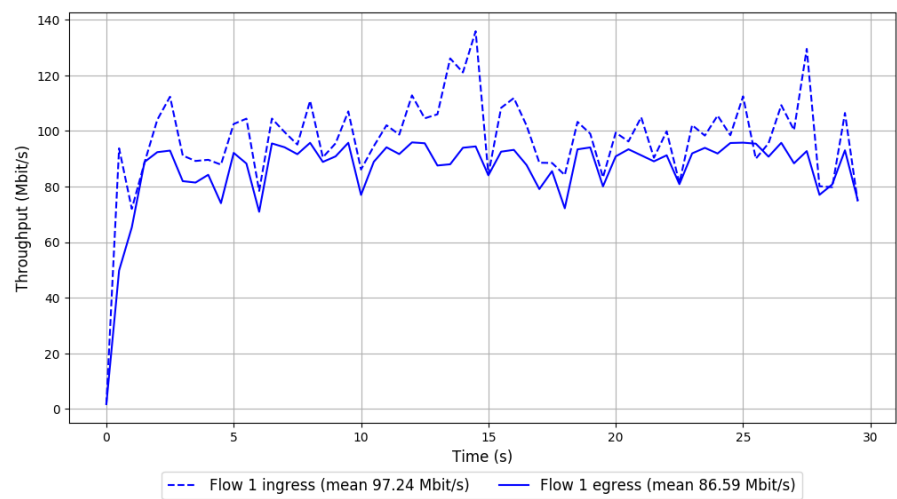
Run 7: Statistics of Vivace-loss

Start at: 2018-01-16 15:45:23  
End at: 2018-01-16 15:45:53  
Local clock offset: 0.653 ms  
Remote clock offset: -16.243 ms

# Below is generated by plot.py at 2018-01-16 17:53:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.59 Mbit/s  
95th percentile per-packet one-way delay: 15.741 ms  
Loss rate: 10.90%  
-- Flow 1:  
Average throughput: 86.59 Mbit/s  
95th percentile per-packet one-way delay: 15.741 ms  
Loss rate: 10.90%



Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-01-16 16:05:46

End at: 2018-01-16 16:06:16

Local clock offset: 0.822 ms

Remote clock offset: 0.546 ms

# Below is generated by plot.py at 2018-01-16 17:54:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.37 Mbit/s

95th percentile per-packet one-way delay: 62.493 ms

Loss rate: 4.34%

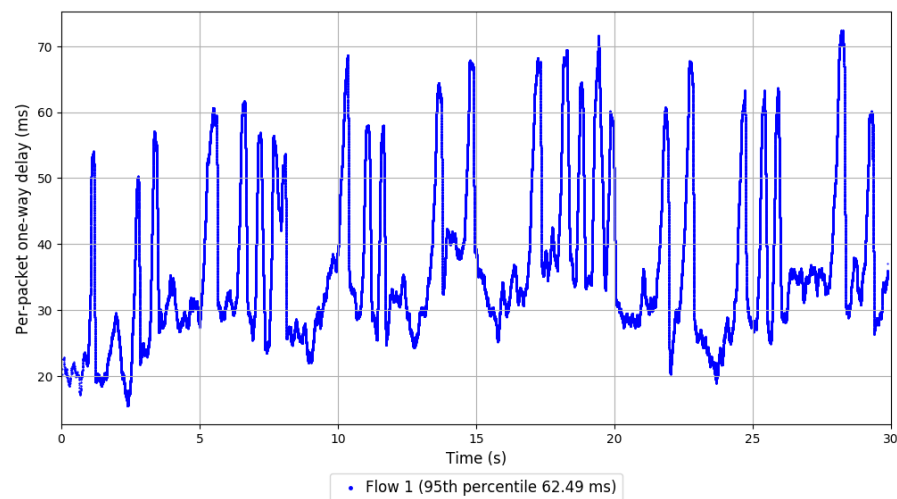
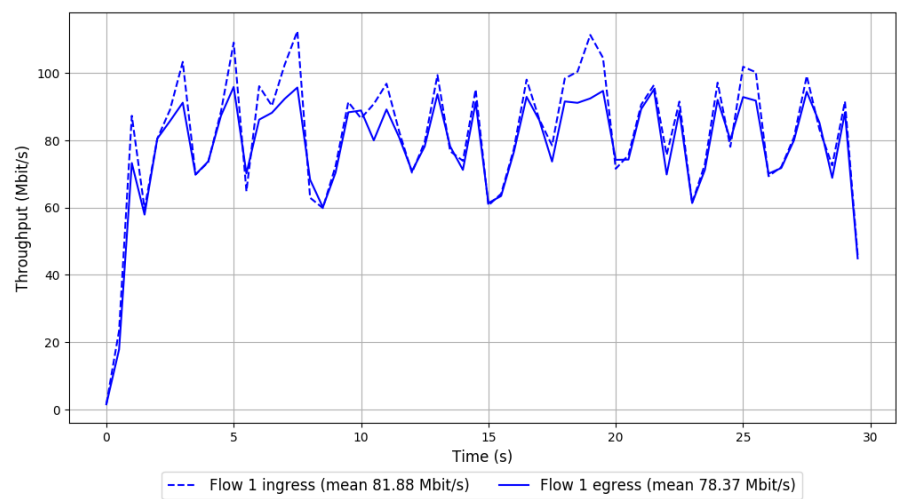
-- Flow 1:

Average throughput: 78.37 Mbit/s

95th percentile per-packet one-way delay: 62.493 ms

Loss rate: 4.34%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-01-16 16:26:10

End at: 2018-01-16 16:26:40

Local clock offset: 1.025 ms

Remote clock offset: 0.328 ms

# Below is generated by plot.py at 2018-01-16 17:54:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.57 Mbit/s

95th percentile per-packet one-way delay: 68.541 ms

Loss rate: 1.61%

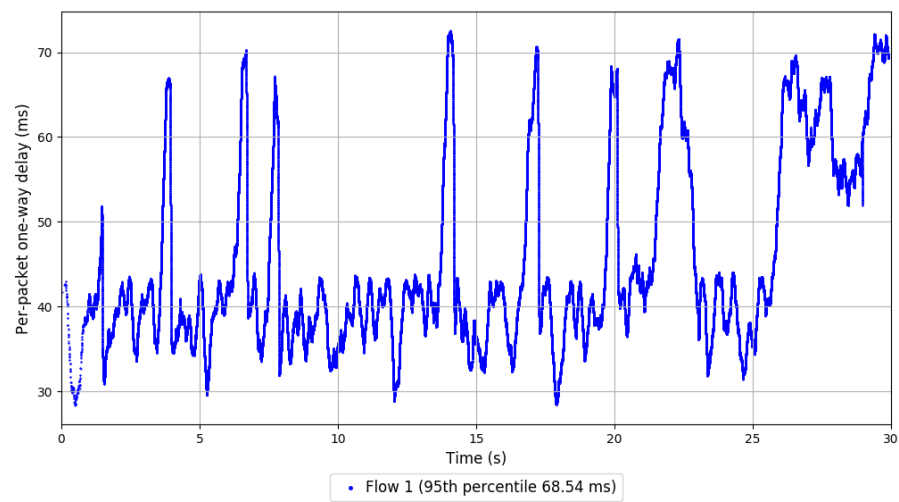
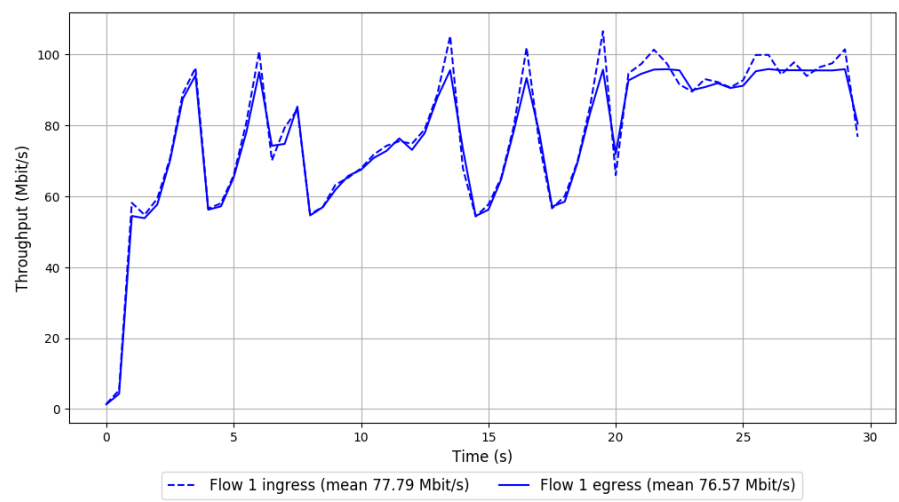
-- Flow 1:

Average throughput: 76.57 Mbit/s

95th percentile per-packet one-way delay: 68.541 ms

Loss rate: 1.61%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-01-16 16:46:36

End at: 2018-01-16 16:47:06

Local clock offset: 1.243 ms

Remote clock offset: 0.107 ms

# Below is generated by plot.py at 2018-01-16 17:54:51

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.49 Mbit/s

95th percentile per-packet one-way delay: 32.752 ms

Loss rate: 15.55%

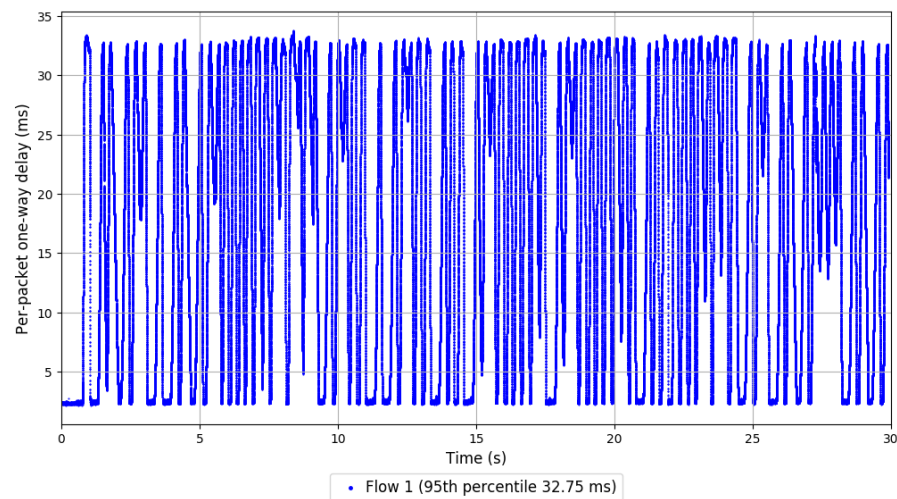
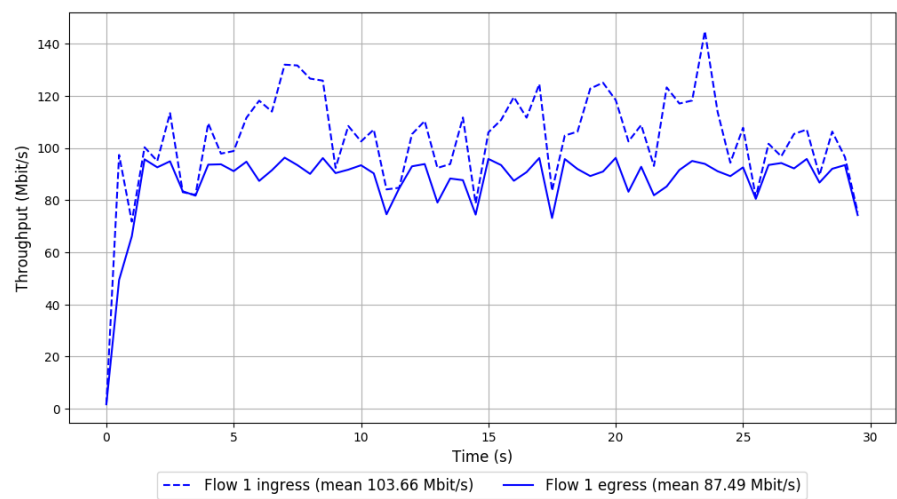
-- Flow 1:

Average throughput: 87.49 Mbit/s

95th percentile per-packet one-way delay: 32.752 ms

Loss rate: 15.55%

Run 10: Report of Vivace-loss — Data Link



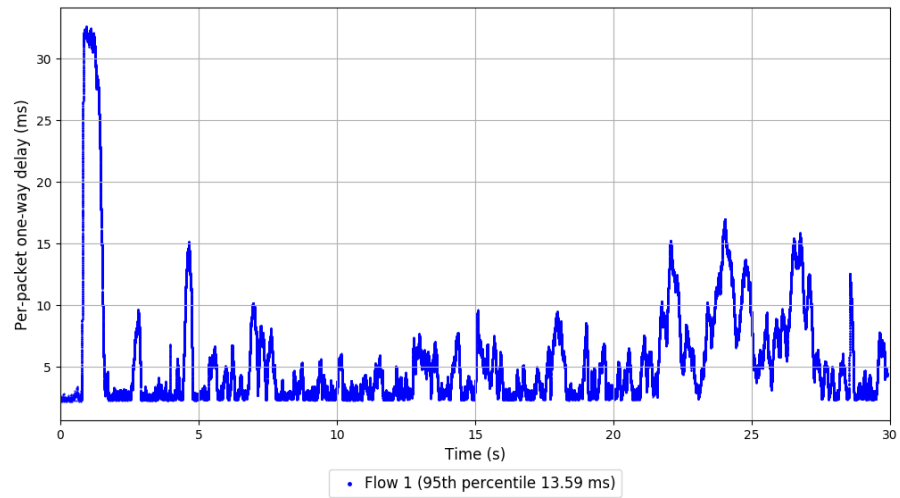
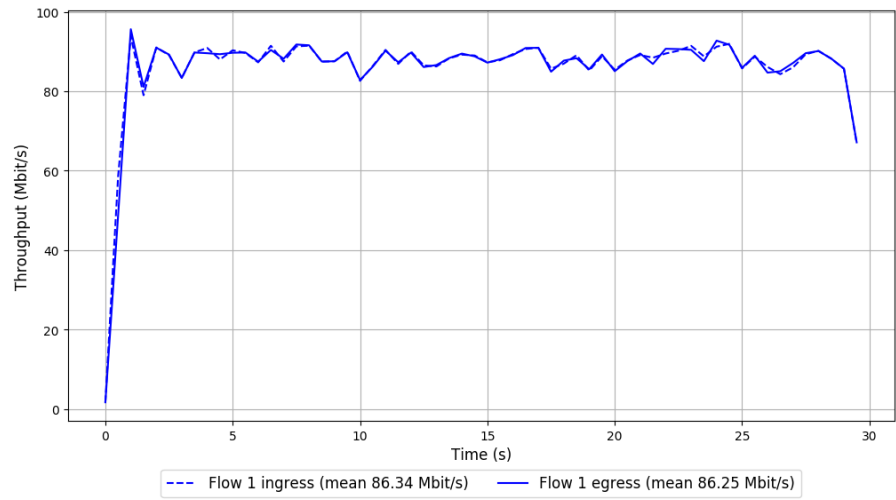
Run 1: Statistics of Vivace-LTE

Start at: 2018-01-16 13:41:24  
End at: 2018-01-16 13:41:54  
Local clock offset: -2.797 ms  
Remote clock offset: -0.103 ms

# Below is generated by plot.py at 2018-01-16 17:54:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.25 Mbit/s  
95th percentile per-packet one-way delay: 13.586 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 86.25 Mbit/s  
95th percentile per-packet one-way delay: 13.586 ms  
Loss rate: 0.11%



### Run 1: Report of Vivace-LTE — Data Link

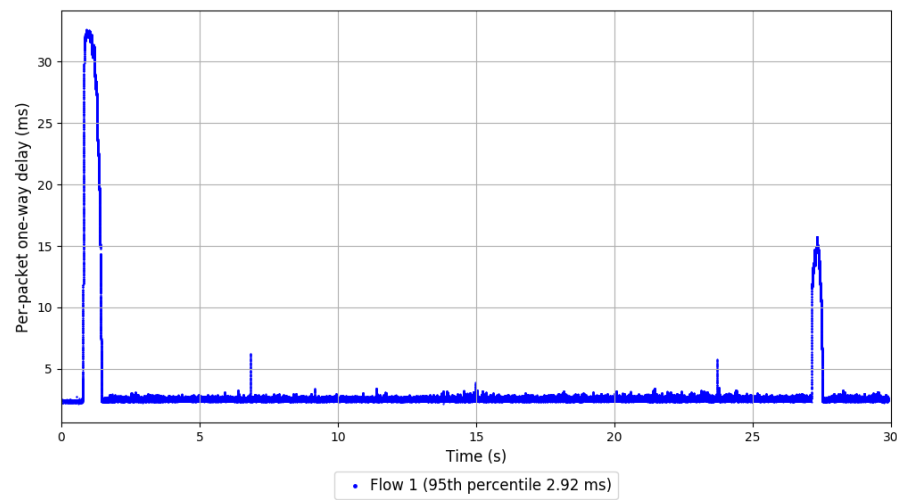
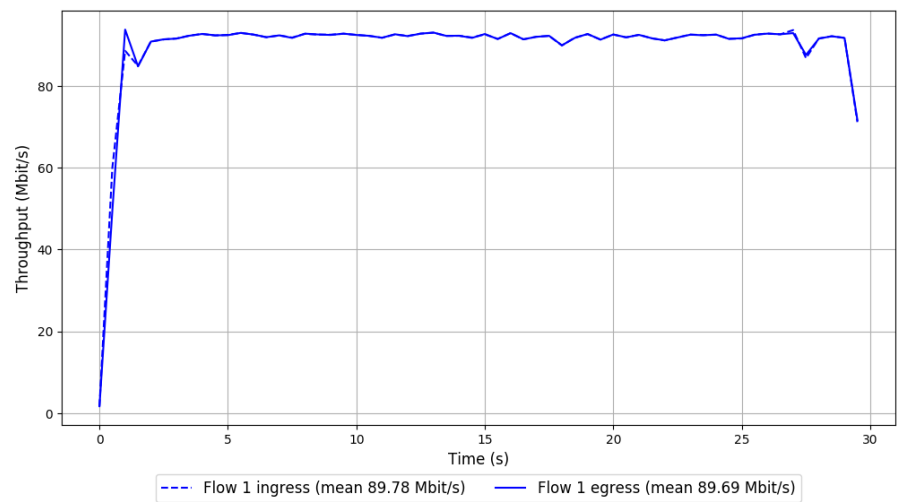


Run 2: Statistics of Vivace-LTE

Start at: 2018-01-16 14:01:55  
End at: 2018-01-16 14:02:25  
Local clock offset: -2.453 ms  
Remote clock offset: -0.355 ms

# Below is generated by plot.py at 2018-01-16 17:54:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.69 Mbit/s  
95th percentile per-packet one-way delay: 2.918 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 89.69 Mbit/s  
95th percentile per-packet one-way delay: 2.918 ms  
Loss rate: 0.09%

Run 2: Report of Vivace-LTE — Data Link

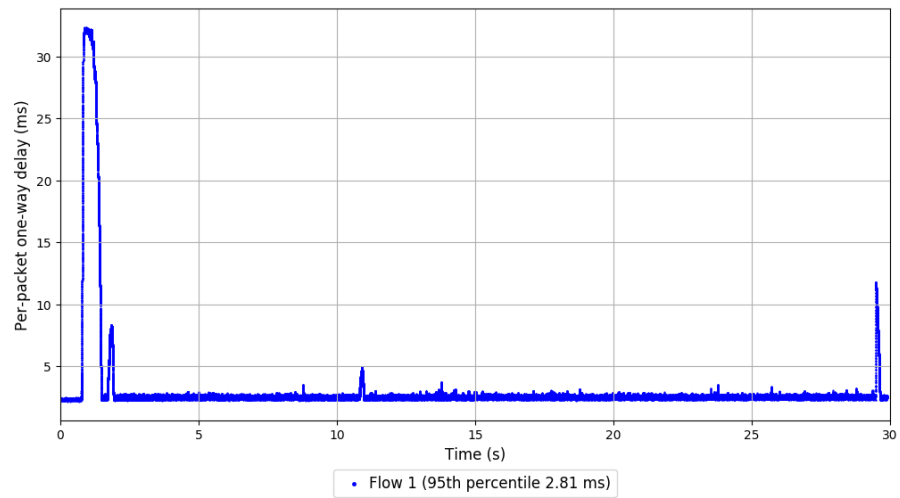
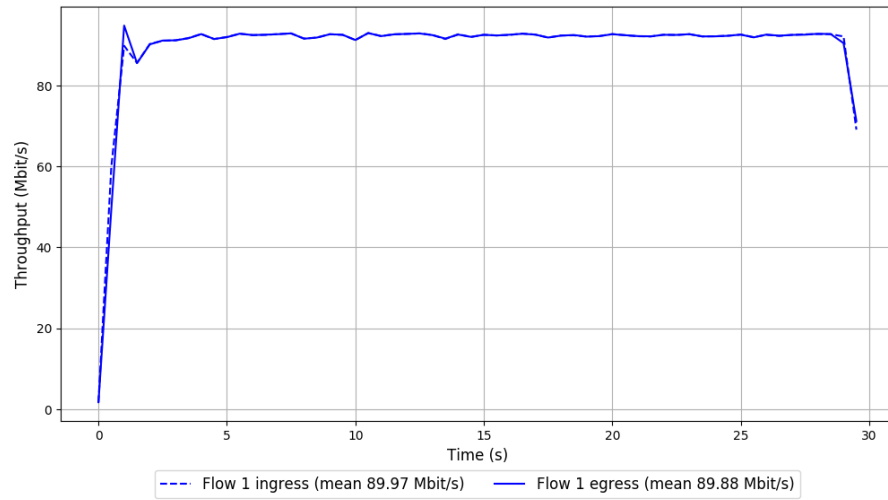


Run 3: Statistics of Vivace-LTE

Start at: 2018-01-16 14:22:22  
End at: 2018-01-16 14:22:52  
Local clock offset: -1.743 ms  
Remote clock offset: -0.101 ms

# Below is generated by plot.py at 2018-01-16 17:55:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.88 Mbit/s  
95th percentile per-packet one-way delay: 2.810 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 89.88 Mbit/s  
95th percentile per-packet one-way delay: 2.810 ms  
Loss rate: 0.10%

### Run 3: Report of Vivace-LTE — Data Link

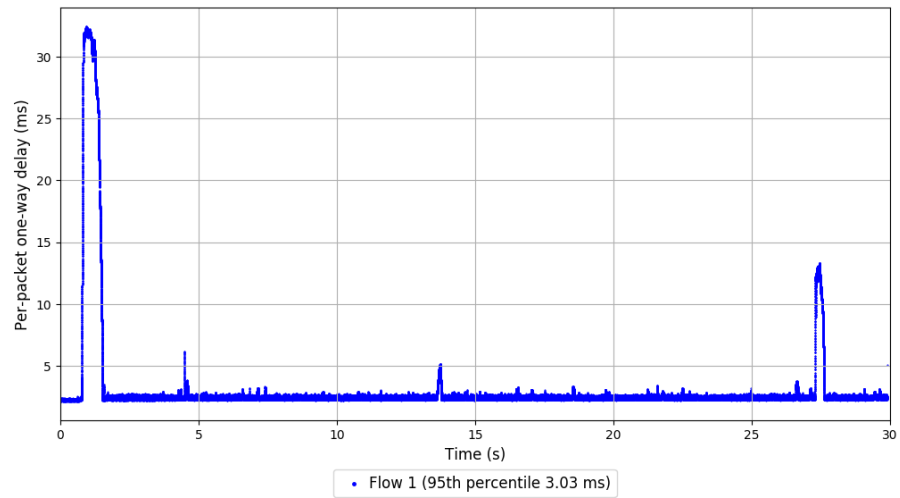
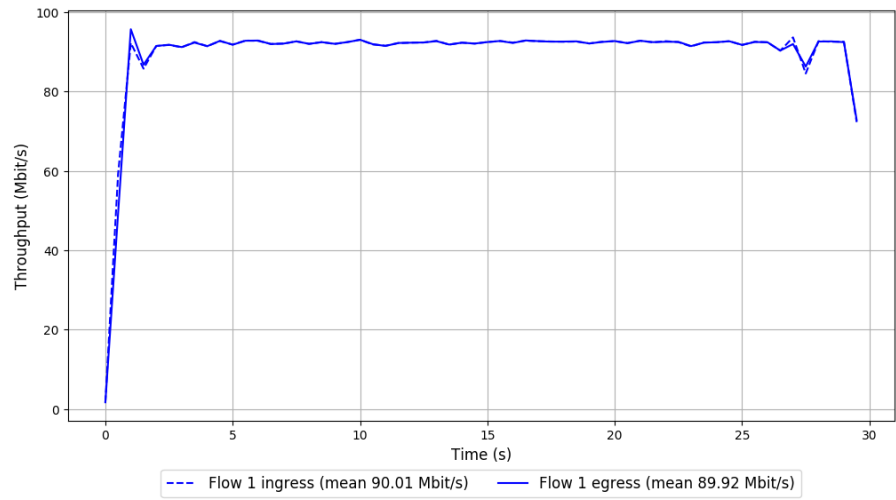


Run 4: Statistics of Vivace-LTE

Start at: 2018-01-16 14:42:48  
End at: 2018-01-16 14:43:18  
Local clock offset: -0.929 ms  
Remote clock offset: -0.001 ms

# Below is generated by plot.py at 2018-01-16 17:55:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.92 Mbit/s  
95th percentile per-packet one-way delay: 3.029 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 89.92 Mbit/s  
95th percentile per-packet one-way delay: 3.029 ms  
Loss rate: 0.09%

#### Run 4: Report of Vivace-LTE — Data Link



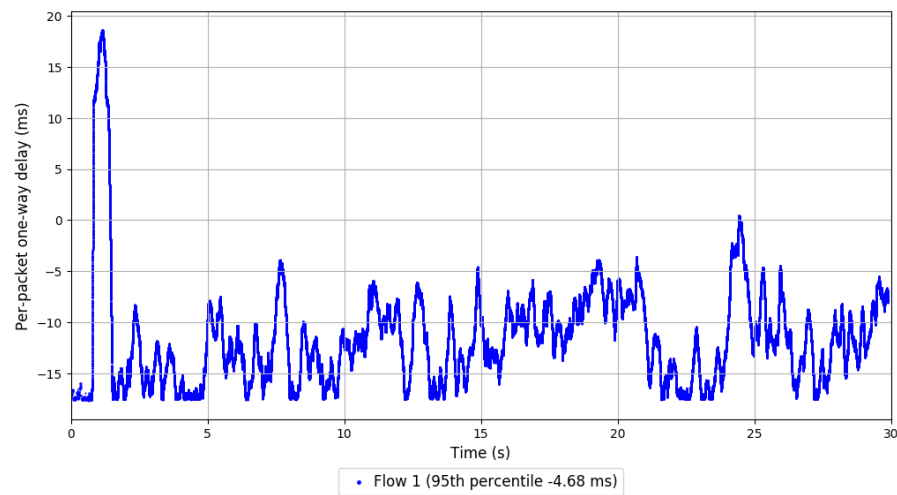
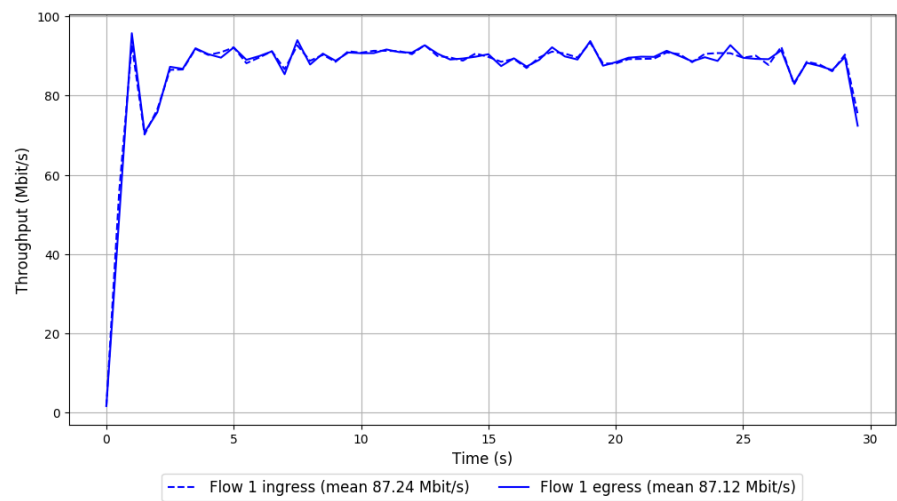
Run 5: Statistics of Vivace-LTE

Start at: 2018-01-16 15:03:13  
End at: 2018-01-16 15:03:43  
Local clock offset: -0.332 ms  
Remote clock offset: -19.604 ms

# Below is generated by plot.py at 2018-01-16 17:55:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.12 Mbit/s  
95th percentile per-packet one-way delay: -4.678 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 87.12 Mbit/s  
95th percentile per-packet one-way delay: -4.678 ms  
Loss rate: 0.14%



Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-01-16 15:23:46

End at: 2018-01-16 15:24:16

Local clock offset: 0.212 ms

Remote clock offset: 0.466 ms

# Below is generated by plot.py at 2018-01-16 17:56:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.42 Mbit/s

95th percentile per-packet one-way delay: 3.132 ms

Loss rate: 0.08%

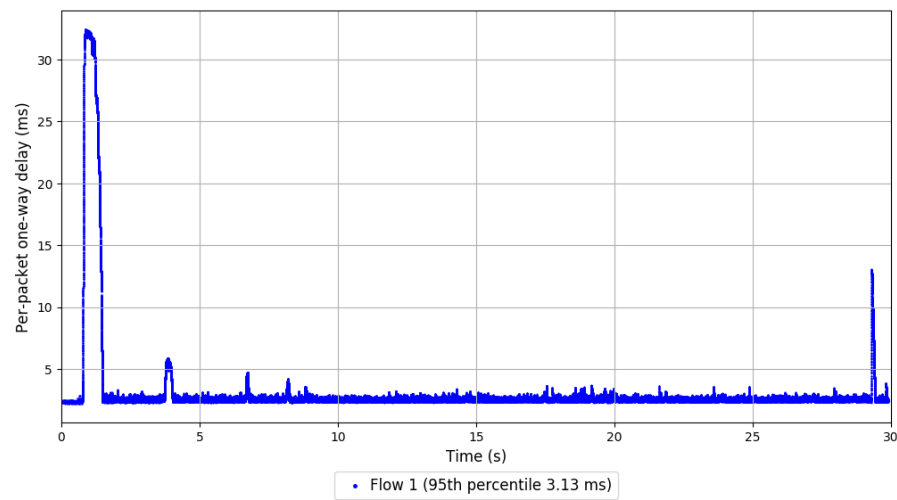
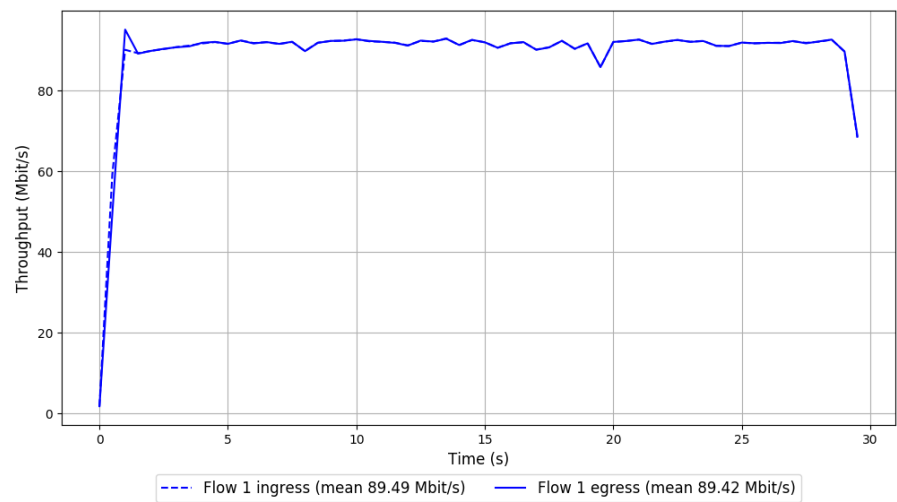
-- Flow 1:

Average throughput: 89.42 Mbit/s

95th percentile per-packet one-way delay: 3.132 ms

Loss rate: 0.08%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-01-16 15:44:11

End at: 2018-01-16 15:44:41

Local clock offset: 0.572 ms

Remote clock offset: 0.544 ms

# Below is generated by plot.py at 2018-01-16 17:56:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.88 Mbit/s

95th percentile per-packet one-way delay: 2.917 ms

Loss rate: 0.09%

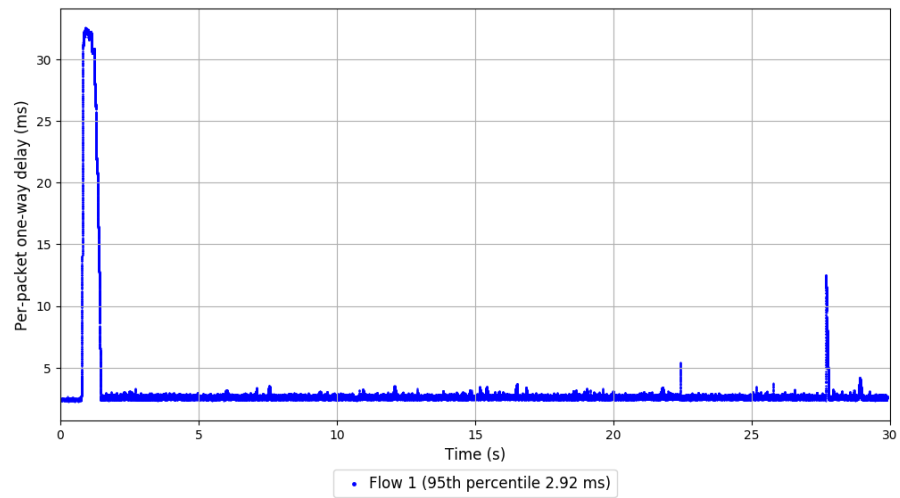
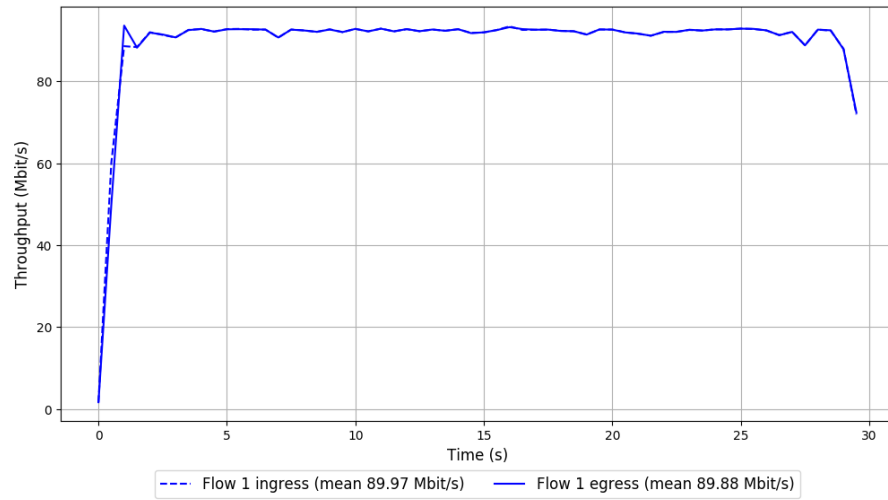
-- Flow 1:

Average throughput: 89.88 Mbit/s

95th percentile per-packet one-way delay: 2.917 ms

Loss rate: 0.09%

### Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-01-16 16:04:34

End at: 2018-01-16 16:05:04

Local clock offset: 0.891 ms

Remote clock offset: 0.558 ms

# Below is generated by plot.py at 2018-01-16 17:56:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.96 Mbit/s

95th percentile per-packet one-way delay: 2.883 ms

Loss rate: 0.09%

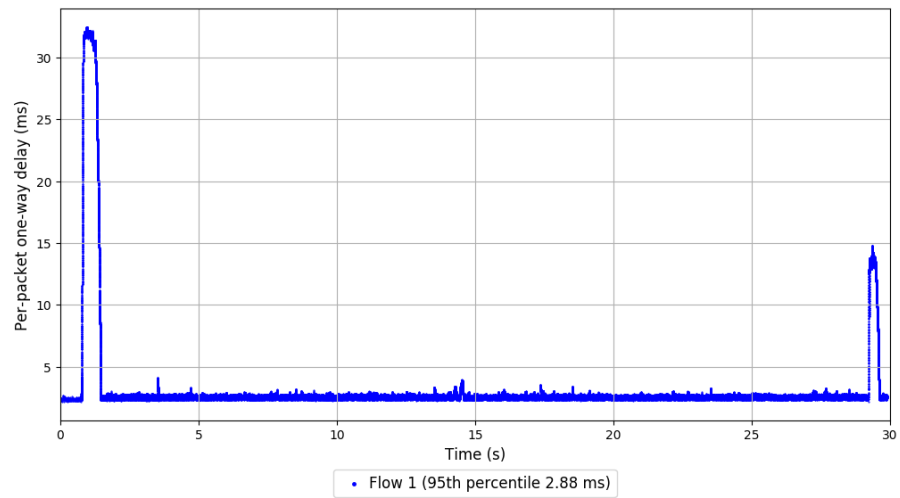
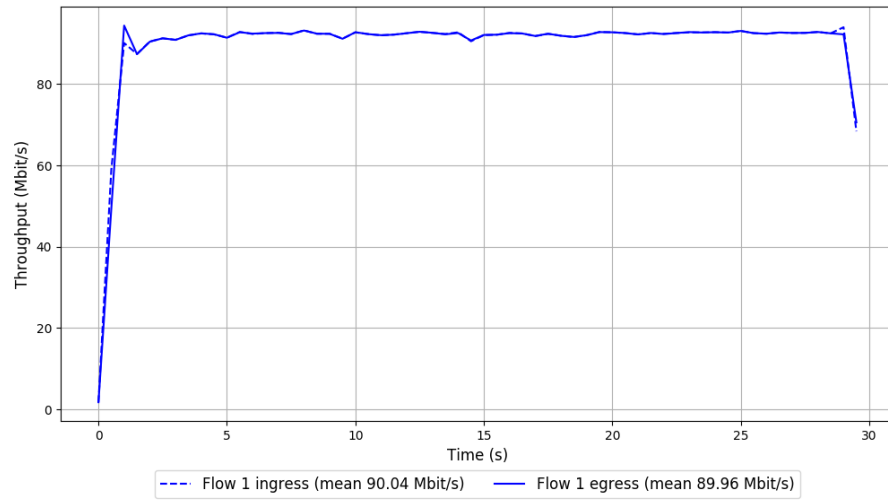
-- Flow 1:

Average throughput: 89.96 Mbit/s

95th percentile per-packet one-way delay: 2.883 ms

Loss rate: 0.09%

# Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-01-16 16:24:59

End at: 2018-01-16 16:25:29

Local clock offset: 1.058 ms

Remote clock offset: 0.321 ms

# Below is generated by plot.py at 2018-01-16 17:56:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.70 Mbit/s

95th percentile per-packet one-way delay: 2.718 ms

Loss rate: 0.10%

-- Flow 1:

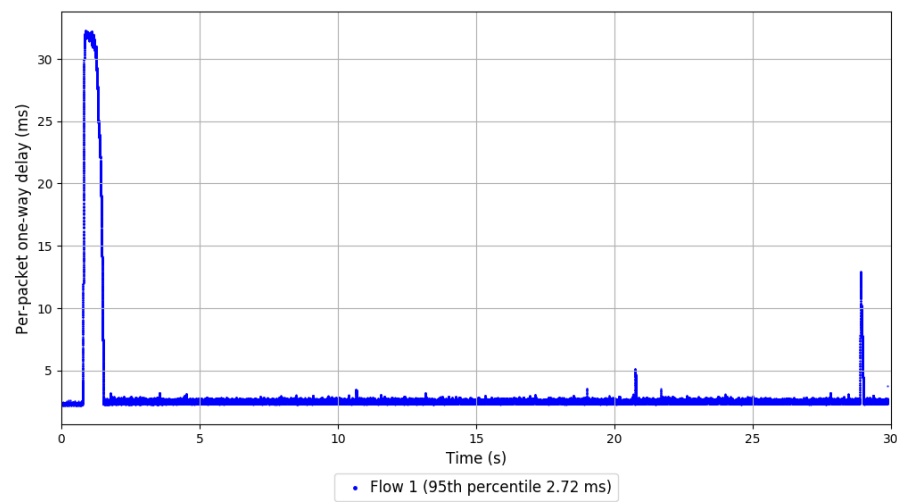
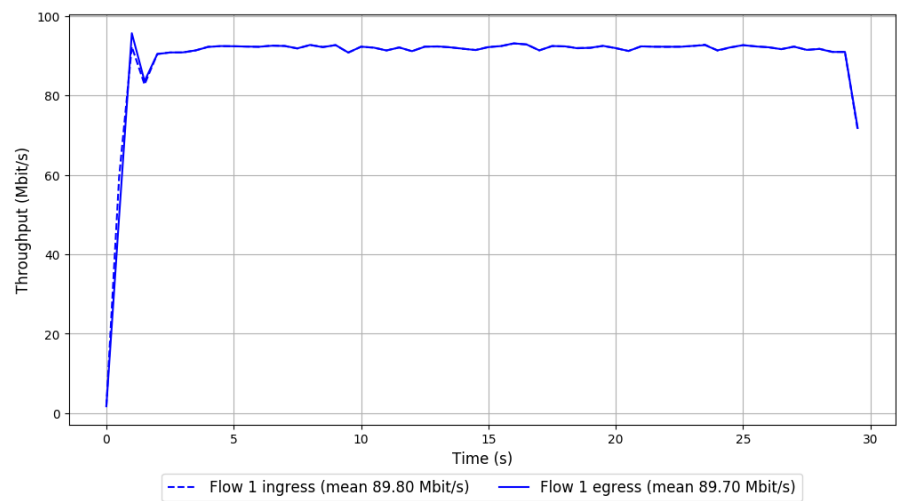
Average throughput: 89.70 Mbit/s

95th percentile per-packet one-way delay: 2.718 ms

Loss rate: 0.10%



Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-01-16 16:45:24

End at: 2018-01-16 16:45:54

Local clock offset: 1.246 ms

Remote clock offset: 0.132 ms

# Below is generated by plot.py at 2018-01-16 17:56:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.96 Mbit/s

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

Loss rate: 0.10%

-- Flow 1:

Average throughput: 89.96 Mbit/s

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

Loss rate: 0.10%

### Run 10: Report of Vivace-LTE — Data Link

