

## Pantheon Report

Generated at 2017-12-20 01:57:22 (UTC).

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

Repeated the test of 14 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

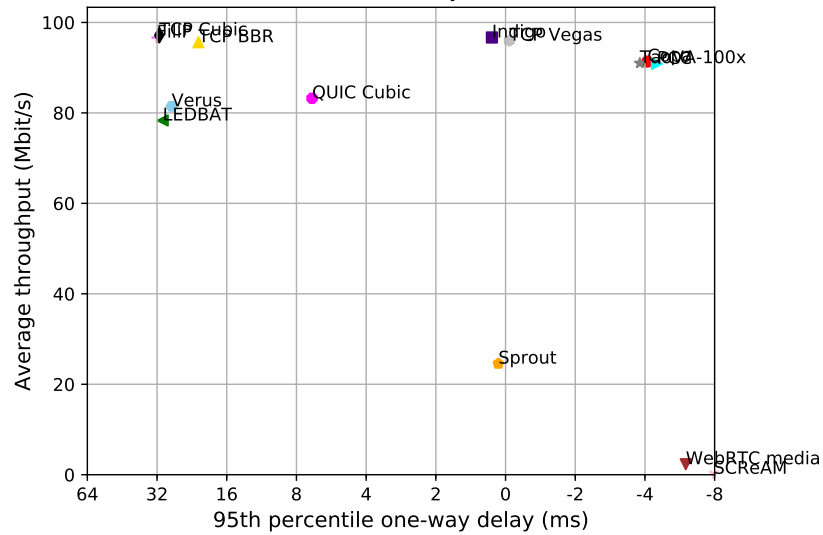
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

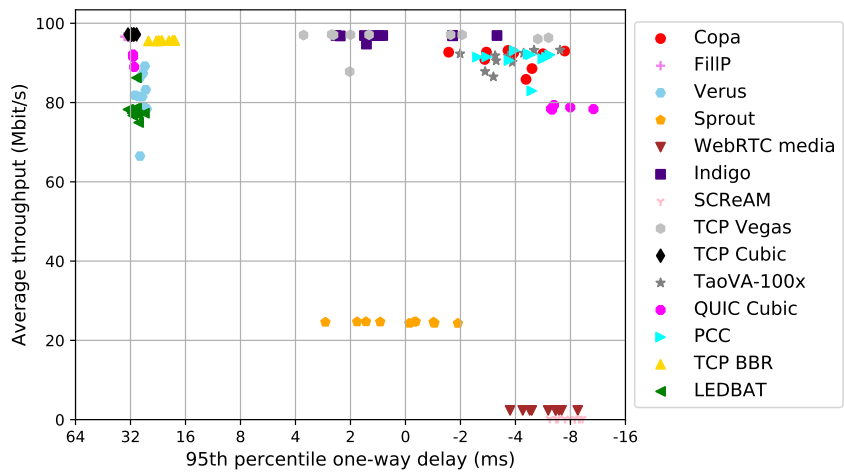
Git summary:

```
branch: master @ 904a5750834816b1e46a2c86405d707788d27c16
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ dcaef6b00654e660f73f7ed679d2eab61ce08639
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



| scheme       | # runs | mean avg tput (Mbit/s)<br>flow 1 | mean 95th-%ile delay (ms)<br>flow 1 | mean loss rate (%)<br>flow 1 |
|--------------|--------|----------------------------------|-------------------------------------|------------------------------|
| TCP BBR      | 10     | 95.63                            | 21.21                               | 0.49                         |
| TCP Cubic    | 7      | 97.16                            | 31.30                               | 0.45                         |
| LEDBAT       | 10     | 78.31                            | 30.26                               | 0.21                         |
| PCC          | 10     | 90.85                            | -4.51                               | 0.31                         |
| QUIC Cubic   | 8      | 83.22                            | 6.85                                | 0.27                         |
| SCReAM       | 10     | 0.21                             | -7.92                               | 0.00                         |
| WebRTC media | 10     | 2.32                             | -6.00                               | 0.01                         |
| Sprout       | 10     | 24.56                            | 0.21                                | 0.00                         |
| TaoVA-100x   | 10     | 90.99                            | -3.80                               | 0.00                         |
| TCP Vegas    | 10     | 95.98                            | -0.11                               | 0.07                         |
| Verus        | 10     | 81.45                            | 27.69                               | 16.65                        |
| Copa         | 10     | 91.35                            | -4.10                               | 0.01                         |
| FillP        | 7      | 96.66                            | 32.09                               | 22.58                        |
| Indigo       | 10     | 96.67                            | 0.39                                | 0.00                         |

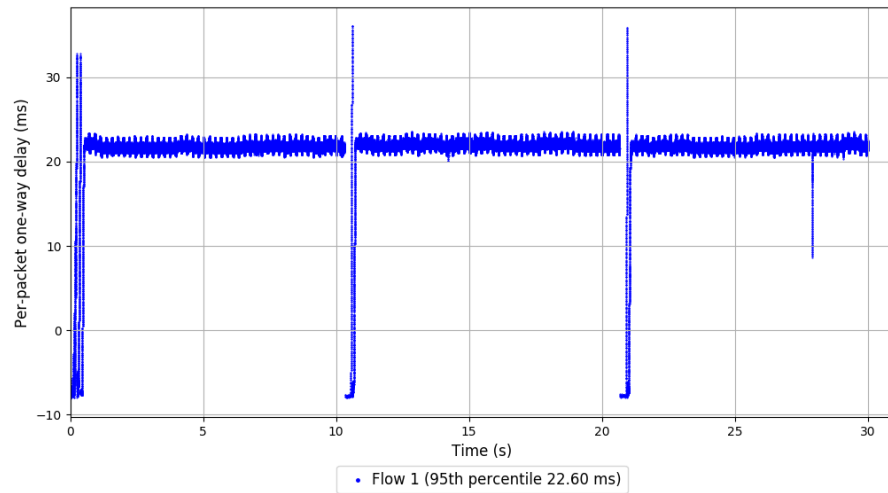
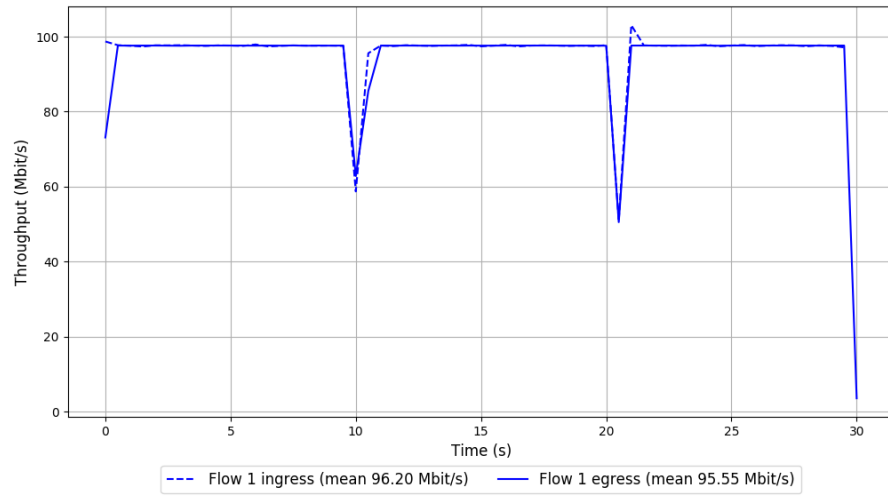
Run 1: Statistics of TCP BBR

Start at: 2017-12-19 22:31:47  
End at: 2017-12-19 22:32:17  
Local clock offset: 1.674 ms  
Remote clock offset: -13.76 ms

# Below is generated by plot.py at 2017-12-20 01:37:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.55 Mbit/s  
95th percentile per-packet one-way delay: 22.604 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 95.55 Mbit/s  
95th percentile per-packet one-way delay: 22.604 ms  
Loss rate: 0.57%



# Run 1: Report of TCP BBR — Data Link

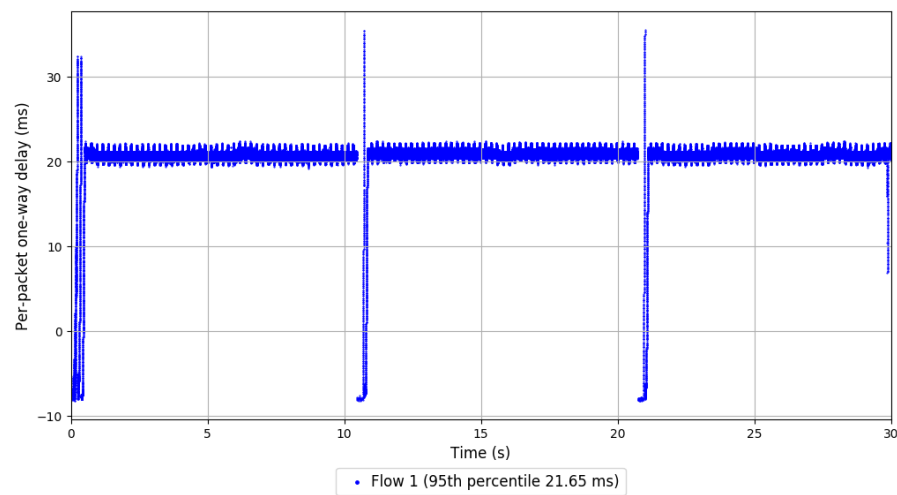
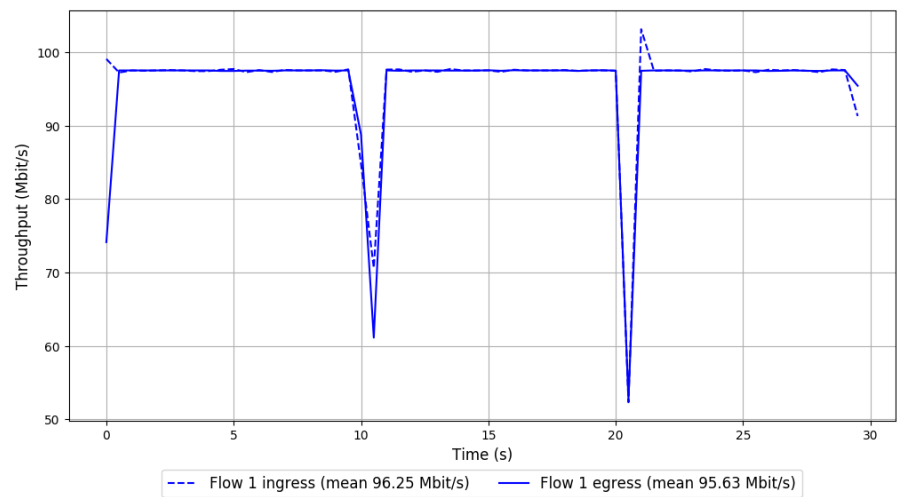


Run 2: Statistics of TCP BBR

Start at: 2017-12-19 22:49:11  
End at: 2017-12-19 22:49:41  
Local clock offset: 3.051 ms  
Remote clock offset: -11.75 ms

# Below is generated by plot.py at 2017-12-20 01:37:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.63 Mbit/s  
95th percentile per-packet one-way delay: 21.650 ms  
Loss rate: 0.55%  
-- Flow 1:  
Average throughput: 95.63 Mbit/s  
95th percentile per-packet one-way delay: 21.650 ms  
Loss rate: 0.55%

Run 2: Report of TCP BBR — Data Link

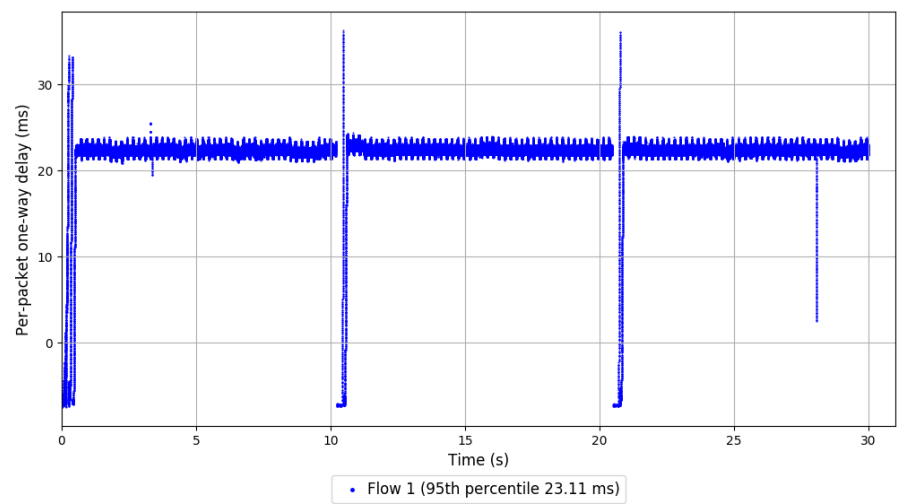
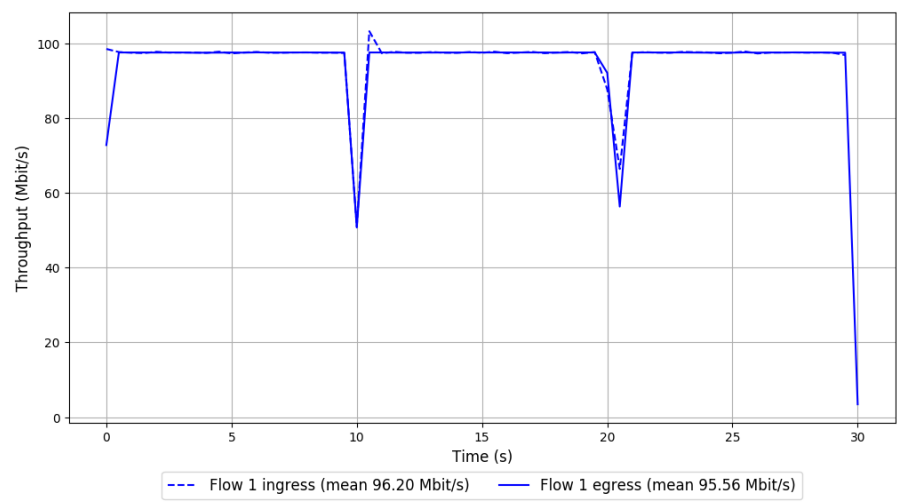


Run 3: Statistics of TCP BBR

Start at: 2017-12-19 23:06:44  
End at: 2017-12-19 23:07:14  
Local clock offset: 2.855 ms  
Remote clock offset: -12.626 ms

# Below is generated by plot.py at 2017-12-20 01:37:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.56 Mbit/s  
95th percentile per-packet one-way delay: 23.114 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 95.56 Mbit/s  
95th percentile per-packet one-way delay: 23.114 ms  
Loss rate: 0.57%

Run 3: Report of TCP BBR — Data Link

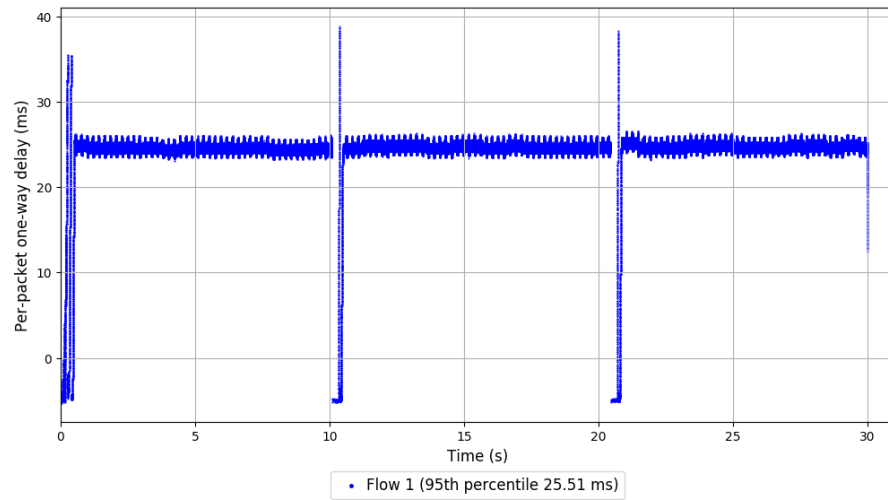
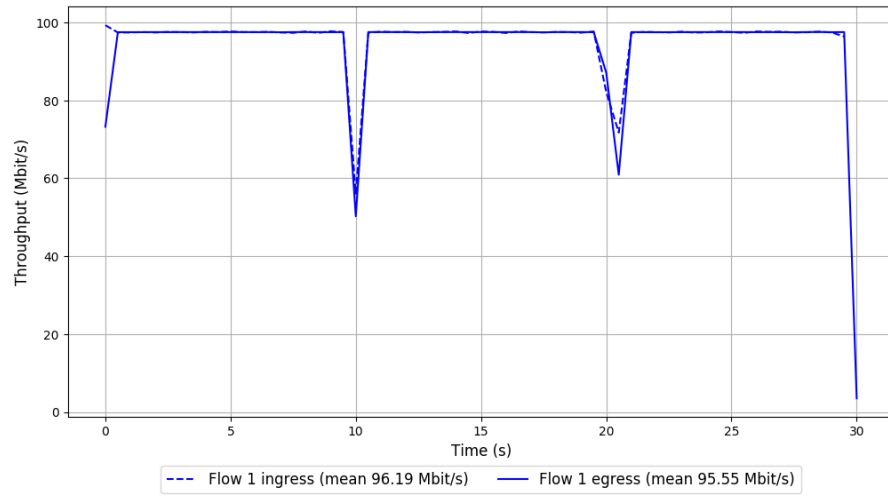


Run 4: Statistics of TCP BBR

Start at: 2017-12-19 23:24:07  
End at: 2017-12-19 23:24:37  
Local clock offset: 0.486 ms  
Remote clock offset: -13.191 ms

# Below is generated by plot.py at 2017-12-20 01:37:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.55 Mbit/s  
95th percentile per-packet one-way delay: 25.512 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 95.55 Mbit/s  
95th percentile per-packet one-way delay: 25.512 ms  
Loss rate: 0.57%

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



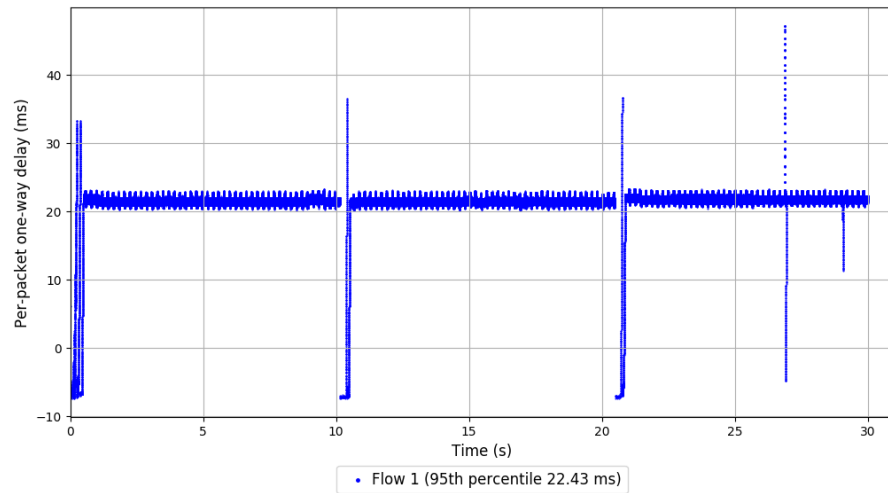
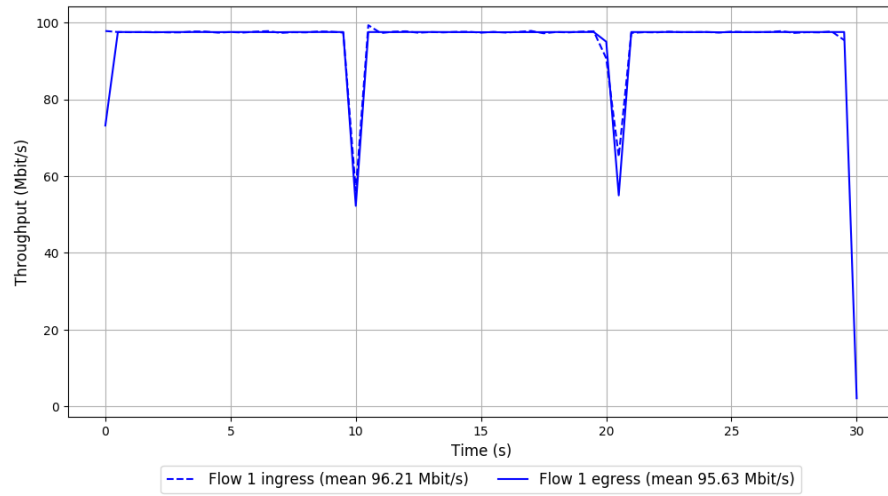
Run 5: Statistics of TCP BBR

Start at: 2017-12-19 23:41:20  
End at: 2017-12-19 23:41:50  
Local clock offset: 1.067 ms  
Remote clock offset: -14.036 ms

# Below is generated by plot.py at 2017-12-20 01:37:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.63 Mbit/s  
95th percentile per-packet one-way delay: 22.428 ms  
Loss rate: 0.55%  
-- Flow 1:  
Average throughput: 95.63 Mbit/s  
95th percentile per-packet one-way delay: 22.428 ms  
Loss rate: 0.55%



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

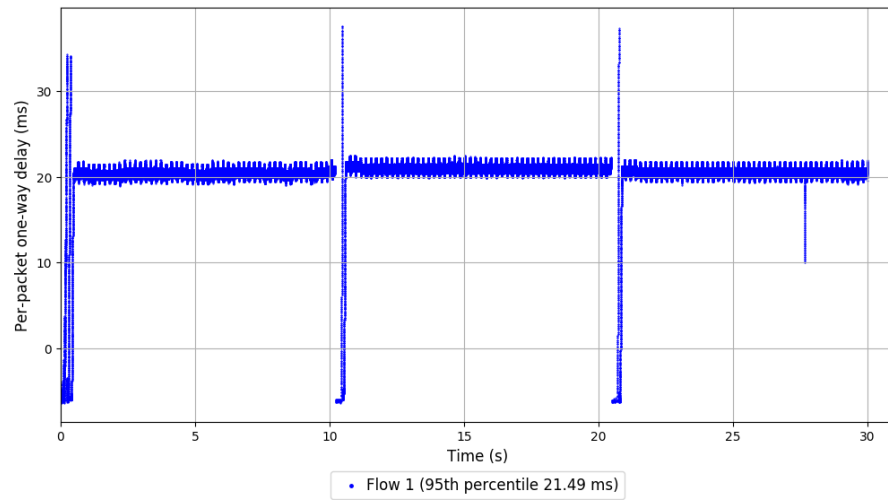
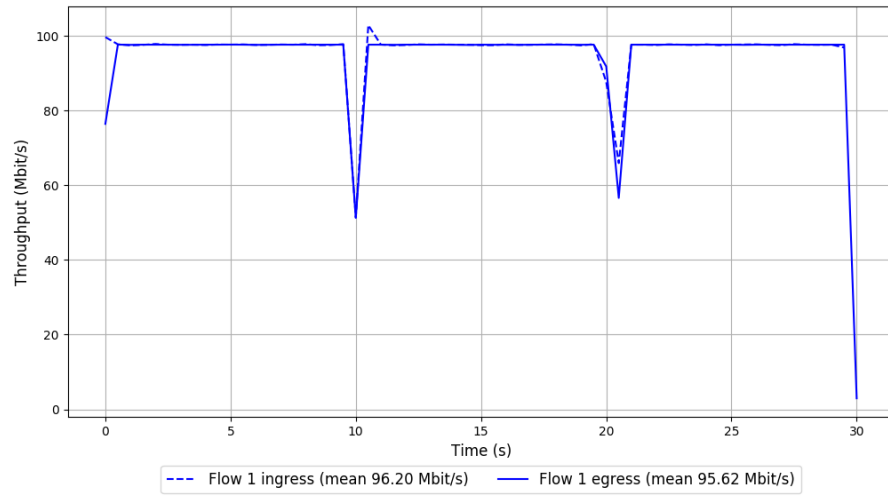


Run 6: Statistics of TCP BBR

Start at: 2017-12-19 23:58:47  
End at: 2017-12-19 23:59:17  
Local clock offset: 3.29 ms  
Remote clock offset: -11.904 ms

# Below is generated by plot.py at 2017-12-20 01:37:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.62 Mbit/s  
95th percentile per-packet one-way delay: 21.492 ms  
Loss rate: 0.52%  
-- Flow 1:  
Average throughput: 95.62 Mbit/s  
95th percentile per-packet one-way delay: 21.492 ms  
Loss rate: 0.52%

# Run 6: Report of TCP BBR — Data Link

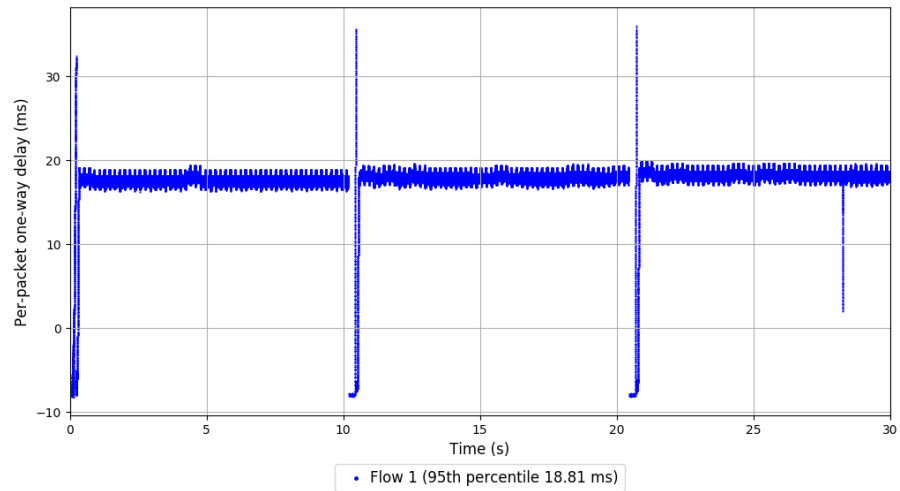
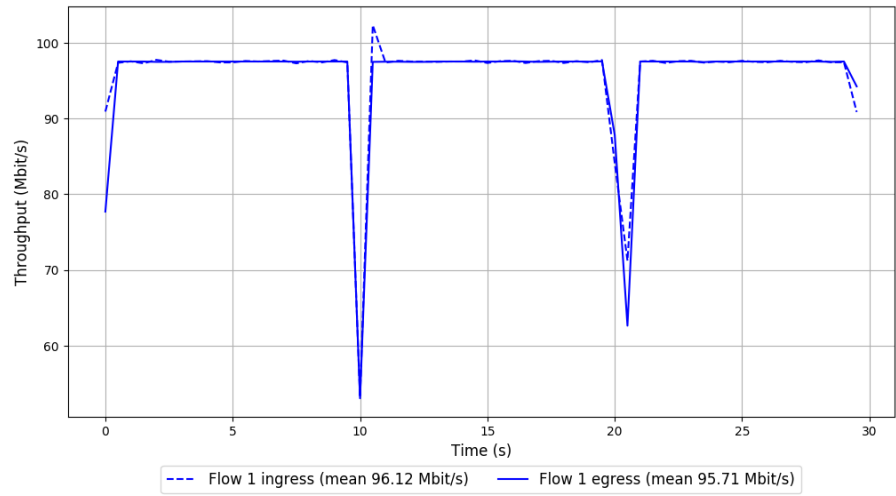


Run 7: Statistics of TCP BBR

Start at: 2017-12-20 00:16:26  
End at: 2017-12-20 00:16:56  
Local clock offset: 3.212 ms  
Remote clock offset: -14.56 ms

# Below is generated by plot.py at 2017-12-20 01:37:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.71 Mbit/s  
95th percentile per-packet one-way delay: 18.808 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 95.71 Mbit/s  
95th percentile per-packet one-way delay: 18.808 ms  
Loss rate: 0.34%

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

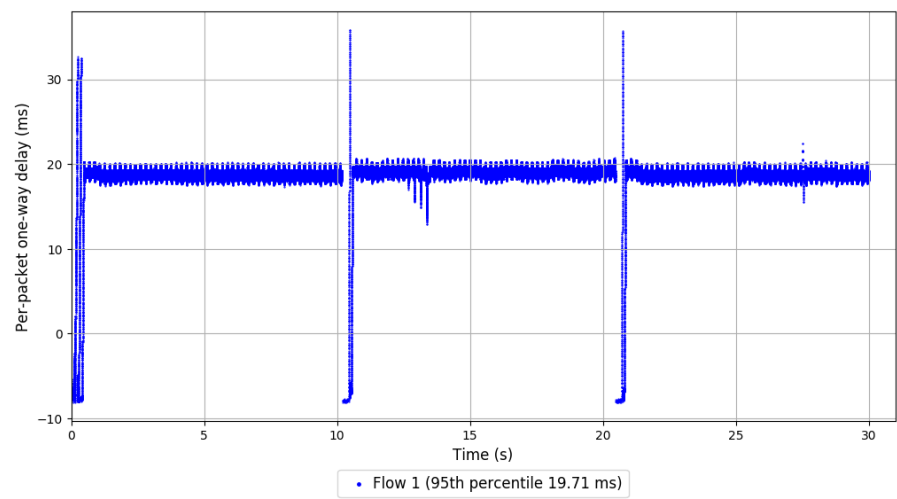
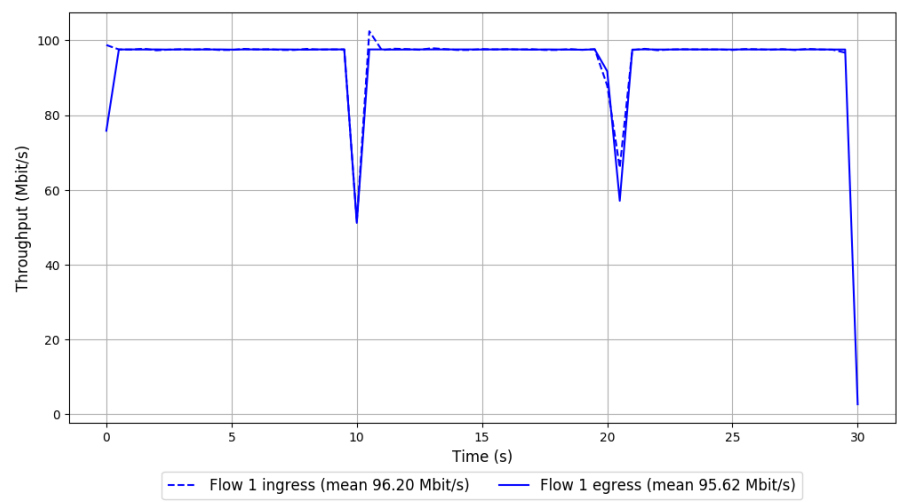


Run 8: Statistics of TCP BBR

Start at: 2017-12-20 00:33:45  
End at: 2017-12-20 00:34:15  
Local clock offset: 4.072 ms  
Remote clock offset: -14.296 ms

# Below is generated by plot.py at 2017-12-20 01:37:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.62 Mbit/s  
95th percentile per-packet one-way delay: 19.707 ms  
Loss rate: 0.52%  
-- Flow 1:  
Average throughput: 95.62 Mbit/s  
95th percentile per-packet one-way delay: 19.707 ms  
Loss rate: 0.52%

Run 8: Report of TCP BBR — Data Link



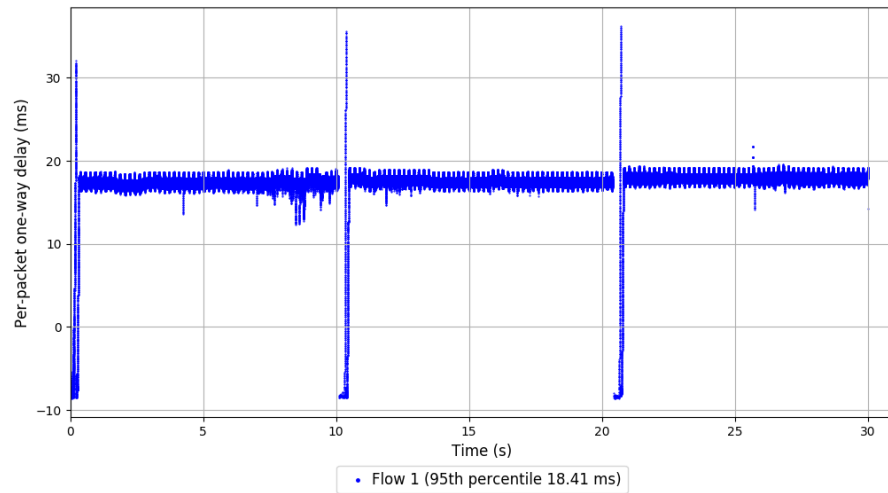
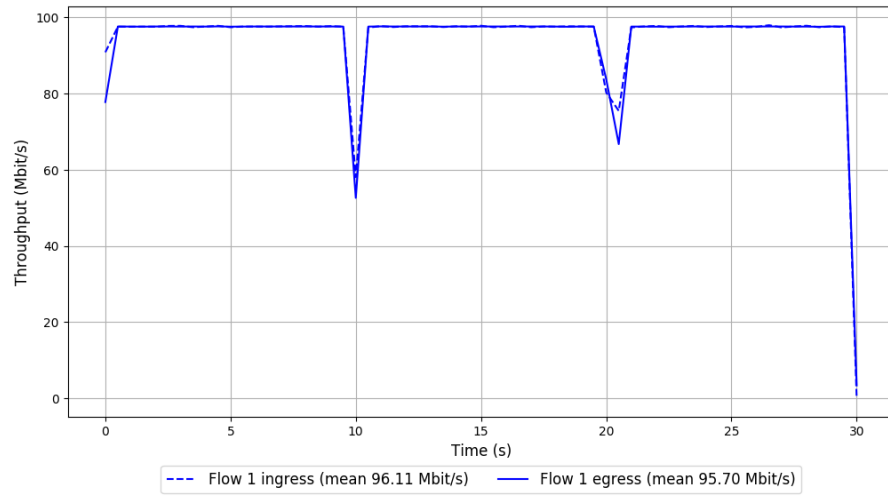
Run 9: Statistics of TCP BBR

Start at: 2017-12-20 00:51:18  
End at: 2017-12-20 00:51:48  
Local clock offset: 4.493 ms  
Remote clock offset: -12.864 ms

# Below is generated by plot.py at 2017-12-20 01:39:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.70 Mbit/s  
95th percentile per-packet one-way delay: 18.411 ms  
Loss rate: 0.35%  
-- Flow 1:  
Average throughput: 95.70 Mbit/s  
95th percentile per-packet one-way delay: 18.411 ms  
Loss rate: 0.35%



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

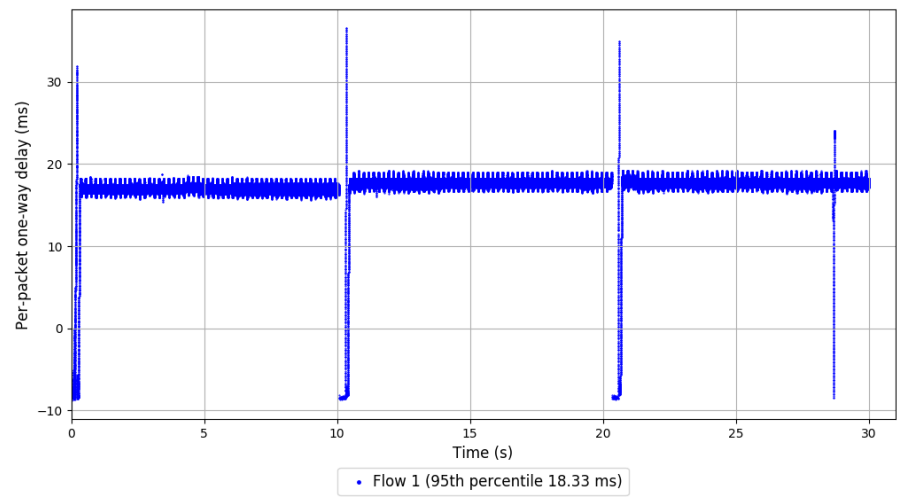
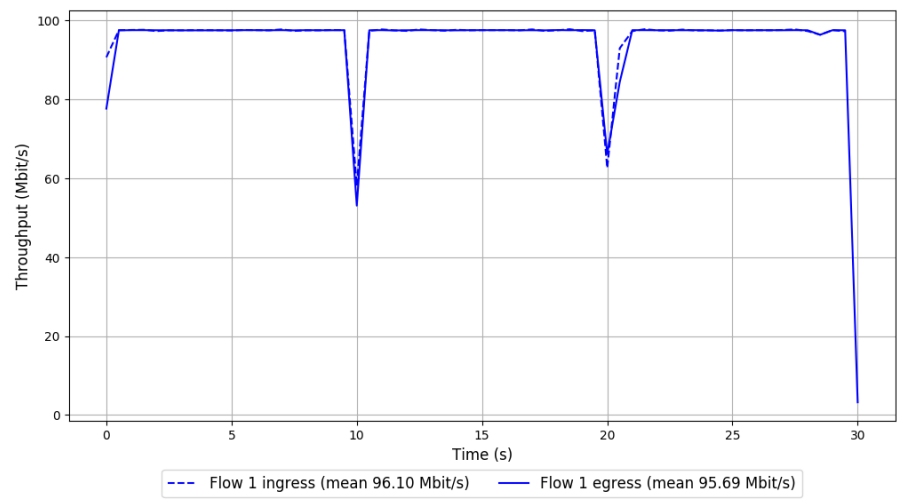


Run 10: Statistics of TCP BBR

Start at: 2017-12-20 01:08:59  
End at: 2017-12-20 01:09:29  
Local clock offset: 3.404 ms  
Remote clock offset: -14.616 ms

# Below is generated by plot.py at 2017-12-20 01:39:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.69 Mbit/s  
95th percentile per-packet one-way delay: 18.328 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 95.69 Mbit/s  
95th percentile per-packet one-way delay: 18.328 ms  
Loss rate: 0.34%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

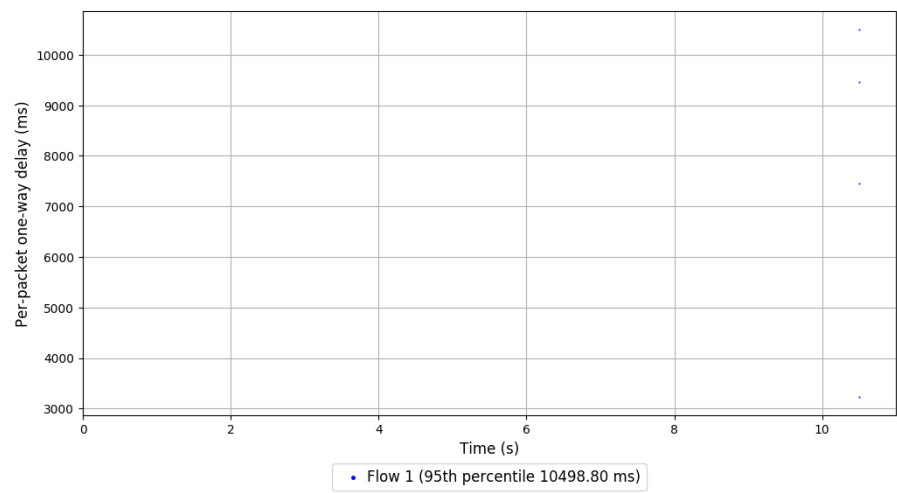
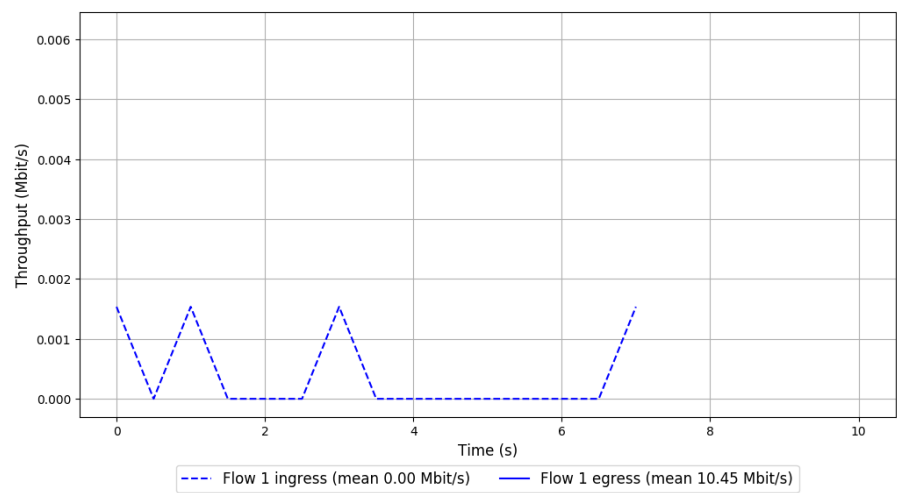
Start at: 2017-12-19 22:30:43

End at: 2017-12-19 22:31:13

Local clock offset: 0.434 ms

Remote clock offset: -13.387 ms

Run 1: Report of TCP Cubic — Data Link

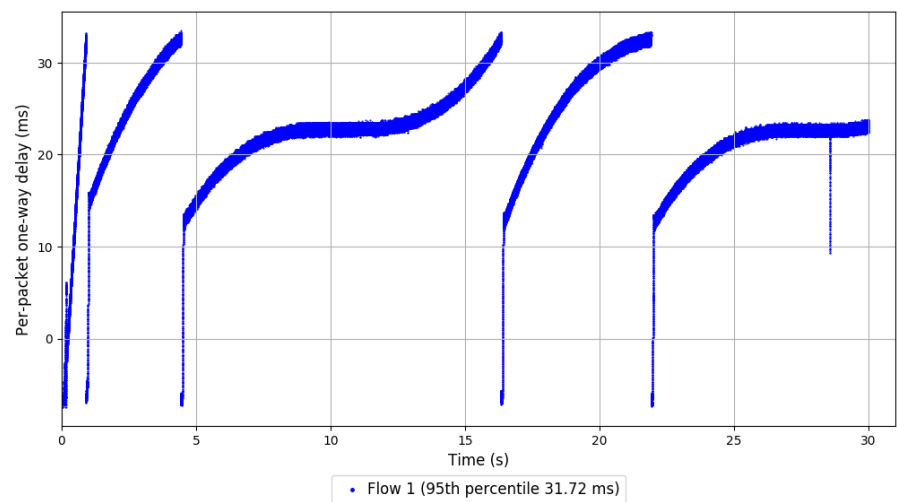
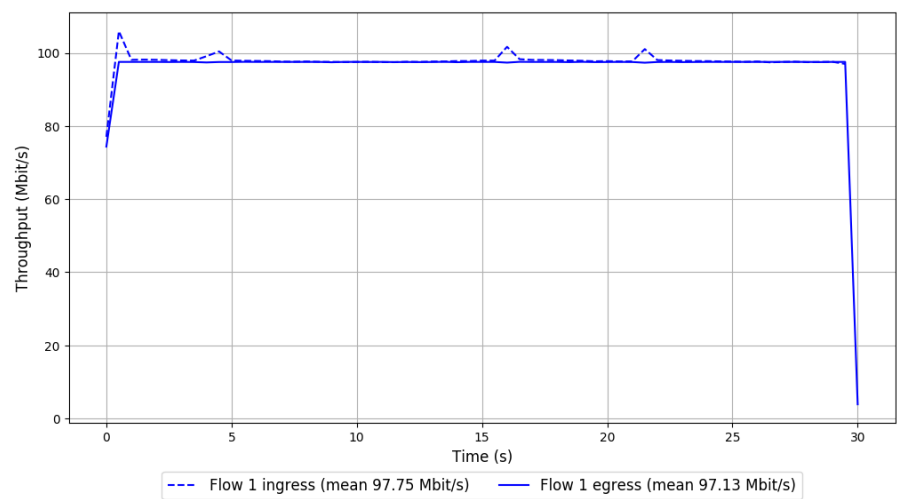


Run 2: Statistics of TCP Cubic

Start at: 2017-12-19 22:48:01  
End at: 2017-12-19 22:48:31  
Local clock offset: 1.585 ms  
Remote clock offset: -12.407 ms

# Below is generated by plot.py at 2017-12-20 01:39:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.13 Mbit/s  
95th percentile per-packet one-way delay: 31.723 ms  
Loss rate: 0.53%  
-- Flow 1:  
Average throughput: 97.13 Mbit/s  
95th percentile per-packet one-way delay: 31.723 ms  
Loss rate: 0.53%

Run 2: Report of TCP Cubic — Data Link



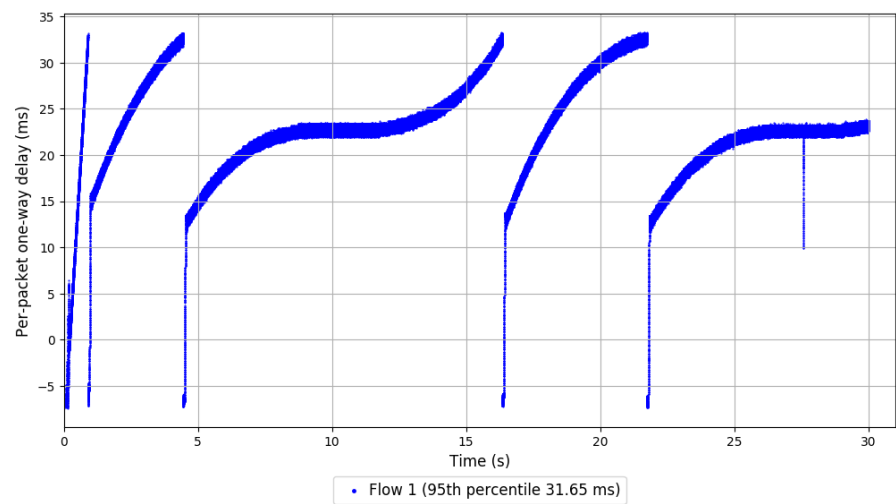
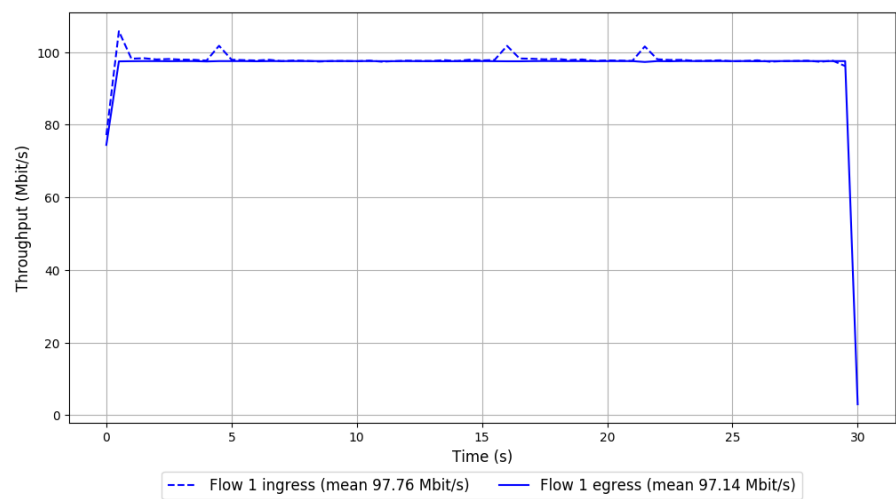
Run 3: Statistics of TCP Cubic

Start at: 2017-12-19 23:05:33  
End at: 2017-12-19 23:06:03  
Local clock offset: 2.496 ms  
Remote clock offset: -11.84 ms

# Below is generated by plot.py at 2017-12-20 01:39:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.14 Mbit/s  
95th percentile per-packet one-way delay: 31.653 ms  
Loss rate: 0.54%  
-- Flow 1:  
Average throughput: 97.14 Mbit/s  
95th percentile per-packet one-way delay: 31.653 ms  
Loss rate: 0.54%



Run 3: Report of TCP Cubic — Data Link

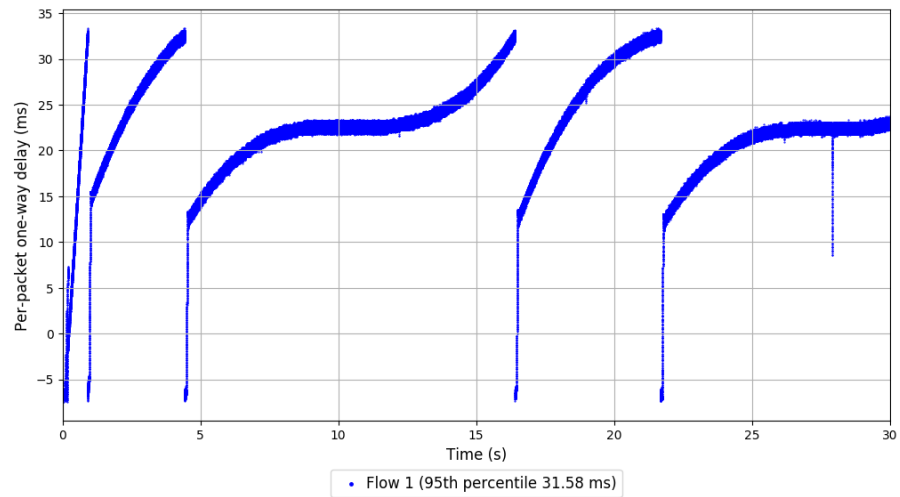
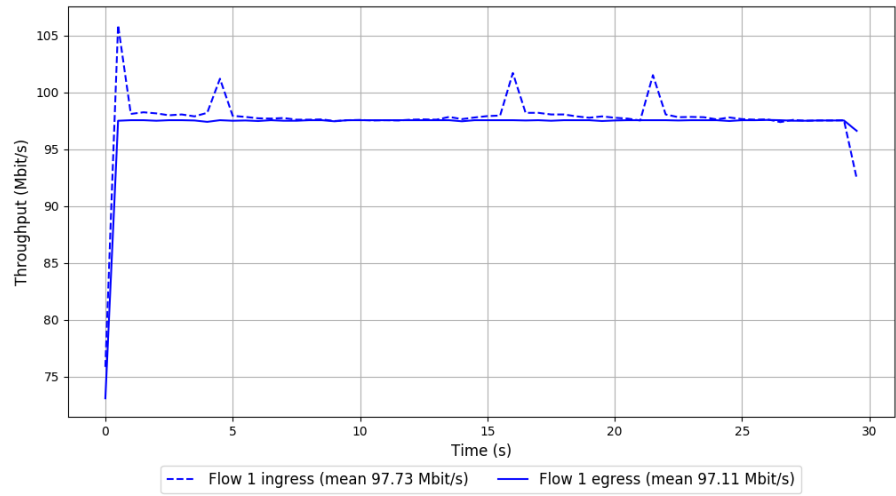


Run 4: Statistics of TCP Cubic

Start at: 2017-12-19 23:22:58  
End at: 2017-12-19 23:23:28  
Local clock offset: 3.907 ms  
Remote clock offset: -12.001 ms

# Below is generated by plot.py at 2017-12-20 01:39:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.11 Mbit/s  
95th percentile per-packet one-way delay: 31.583 ms  
Loss rate: 0.54%  
-- Flow 1:  
Average throughput: 97.11 Mbit/s  
95th percentile per-packet one-way delay: 31.583 ms  
Loss rate: 0.54%

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



Run 5: Statistics of TCP Cubic

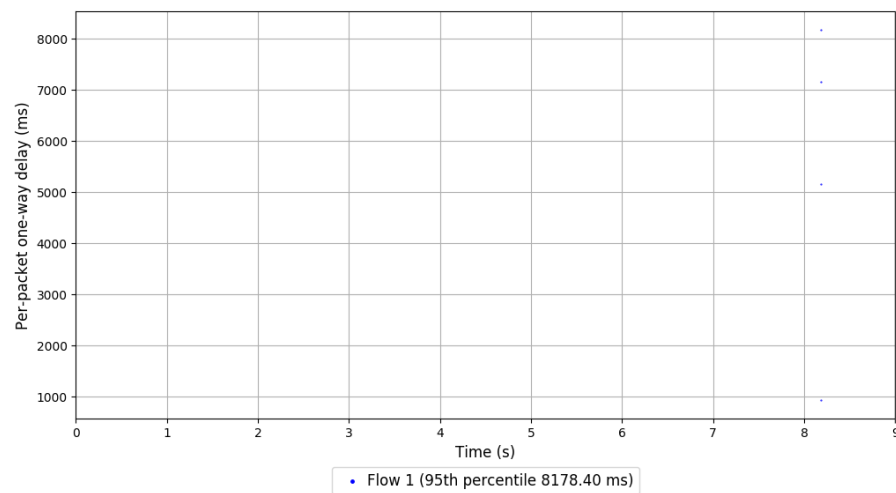
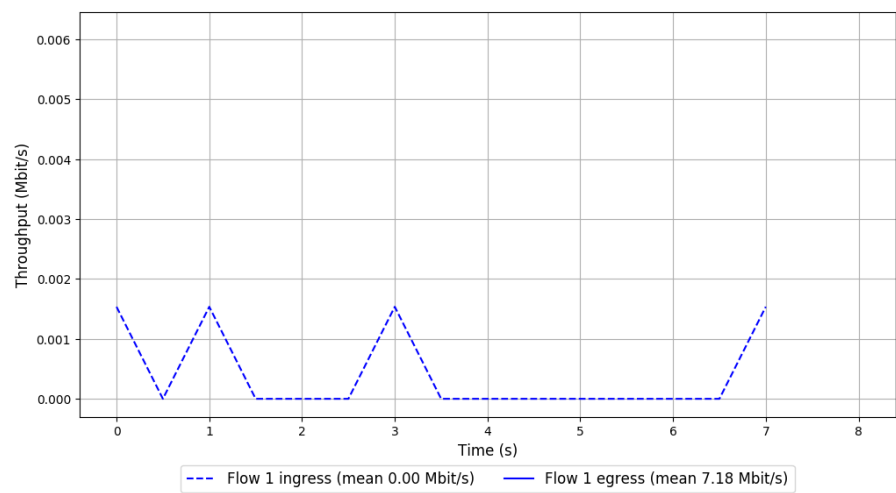
Start at: 2017-12-19 23:40:15

End at: 2017-12-19 23:40:45

Local clock offset: 2.286 ms

Remote clock offset: -14.249 ms

Run 5: Report of TCP Cubic — Data Link

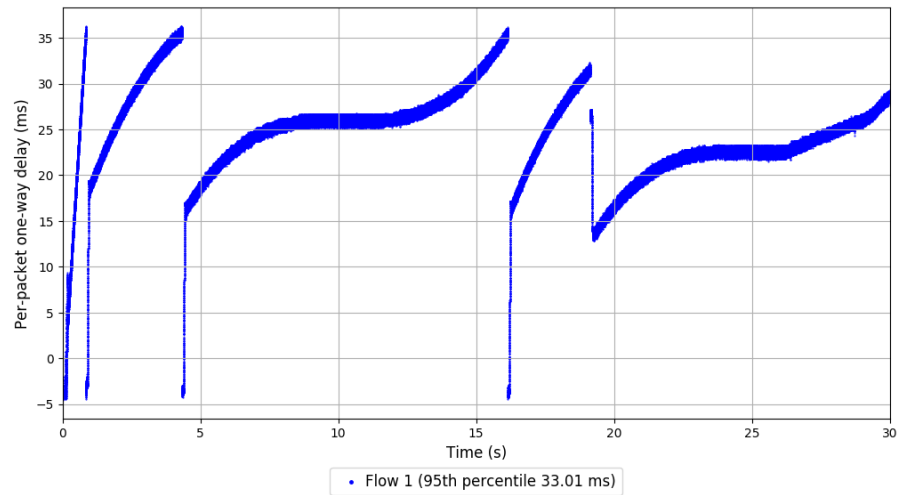
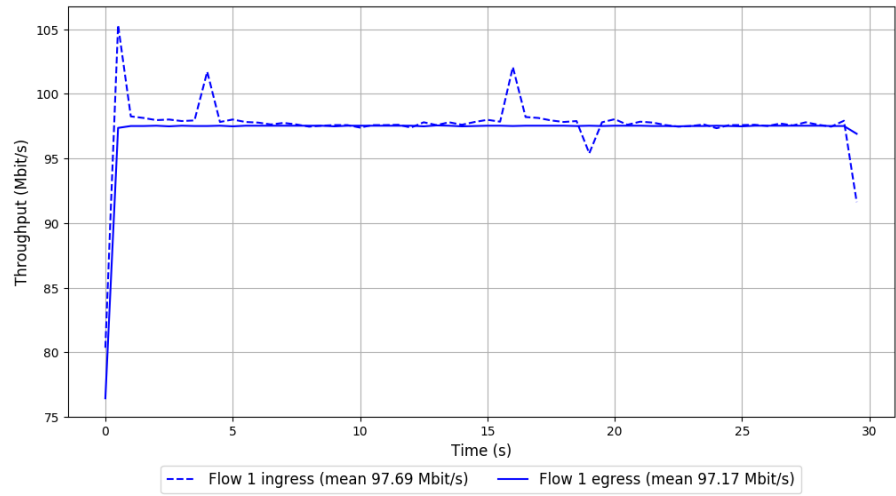


Run 6: Statistics of TCP Cubic

Start at: 2017-12-19 23:57:37  
End at: 2017-12-19 23:58:07  
Local clock offset: 1.846 ms  
Remote clock offset: -11.561 ms

# Below is generated by plot.py at 2017-12-20 01:39:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.17 Mbit/s  
95th percentile per-packet one-way delay: 33.013 ms  
Loss rate: 0.42%  
-- Flow 1:  
Average throughput: 97.17 Mbit/s  
95th percentile per-packet one-way delay: 33.013 ms  
Loss rate: 0.42%

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



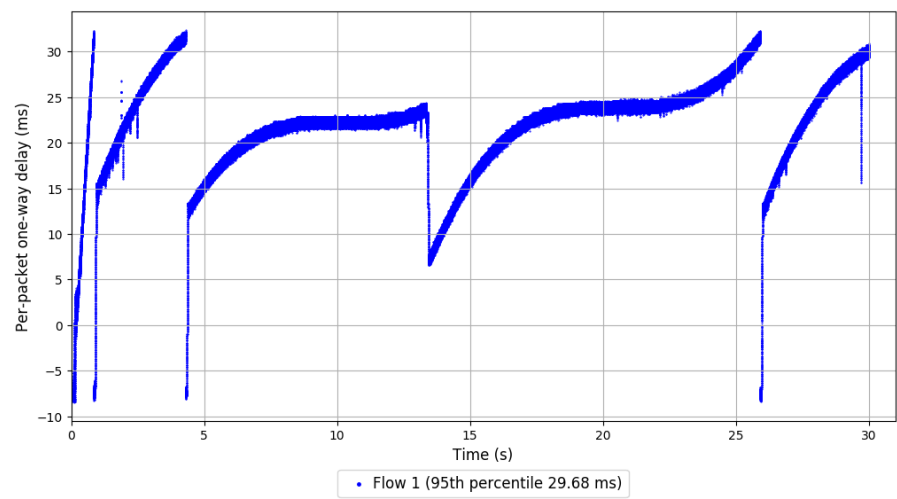
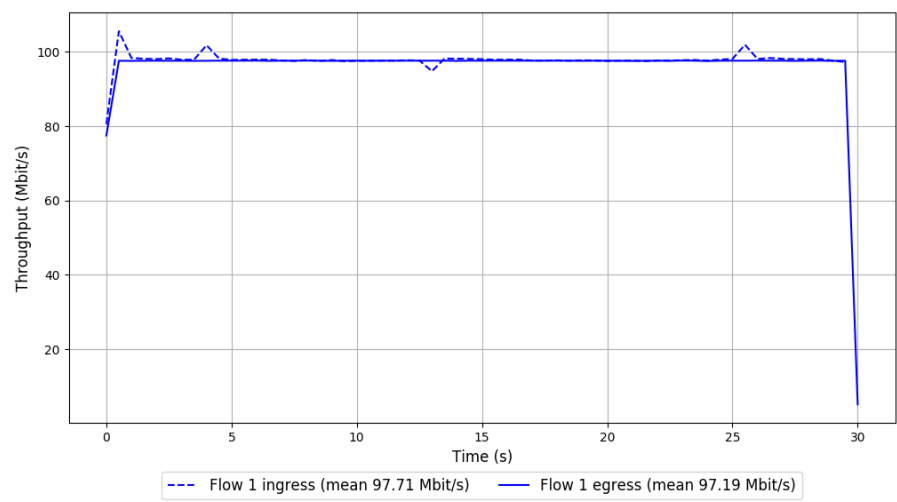
Run 7: Statistics of TCP Cubic

Start at: 2017-12-20 00:15:13  
End at: 2017-12-20 00:15:43  
Local clock offset: 3.605 ms  
Remote clock offset: -14.199 ms

# Below is generated by plot.py at 2017-12-20 01:39:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.19 Mbit/s  
95th percentile per-packet one-way delay: 29.677 ms  
Loss rate: 0.40%  
-- Flow 1:  
Average throughput: 97.19 Mbit/s  
95th percentile per-packet one-way delay: 29.677 ms  
Loss rate: 0.40%



Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

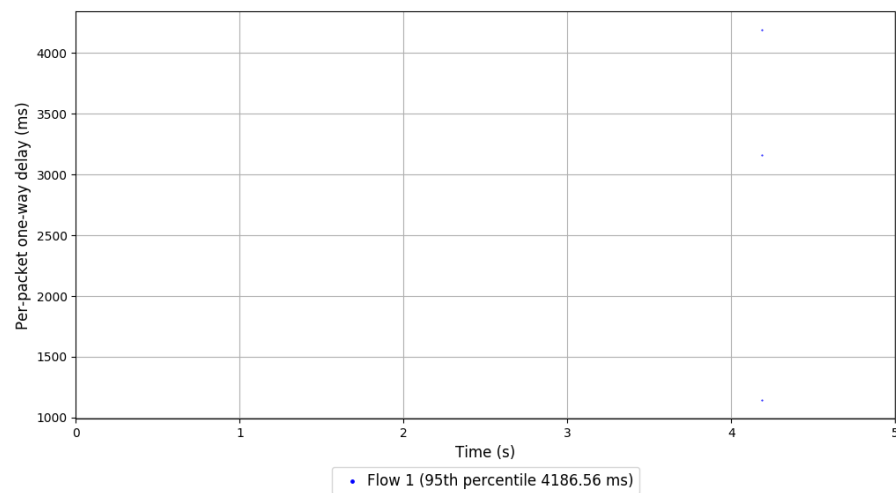
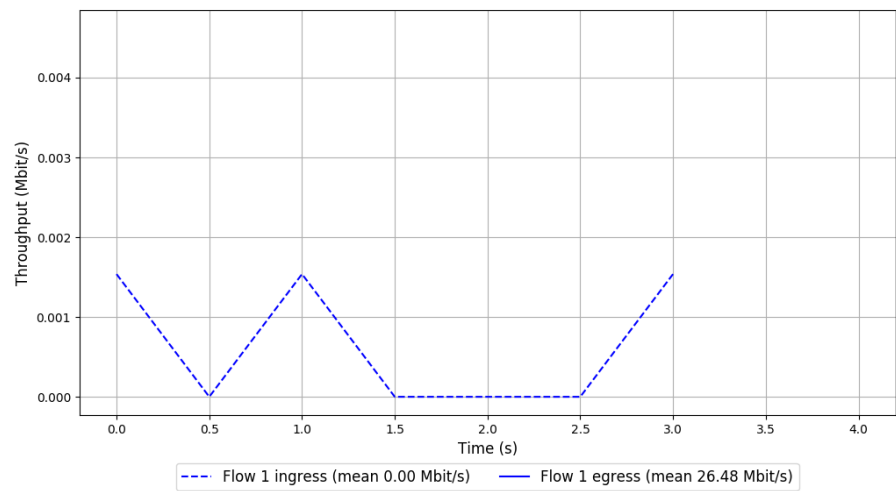
Start at: 2017-12-20 00:32:40

End at: 2017-12-20 00:33:10

Local clock offset: 4.461 ms

Remote clock offset: -14.695 ms

Run 8: Report of TCP Cubic — Data Link

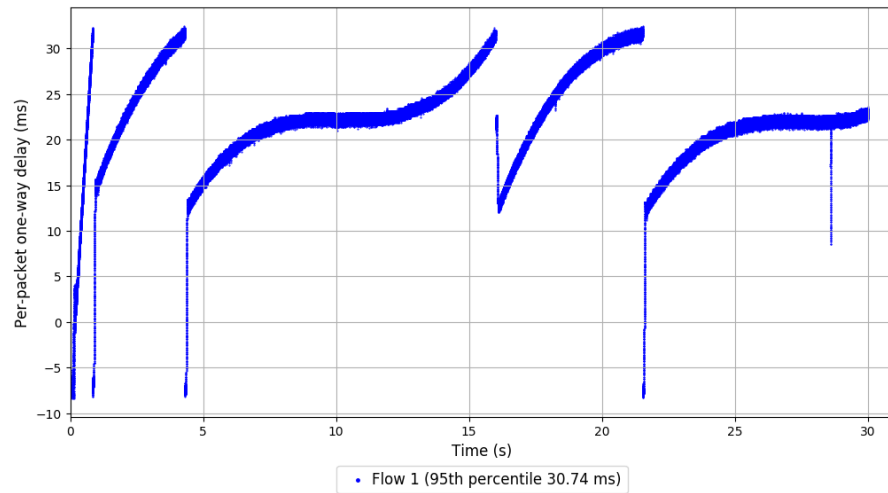
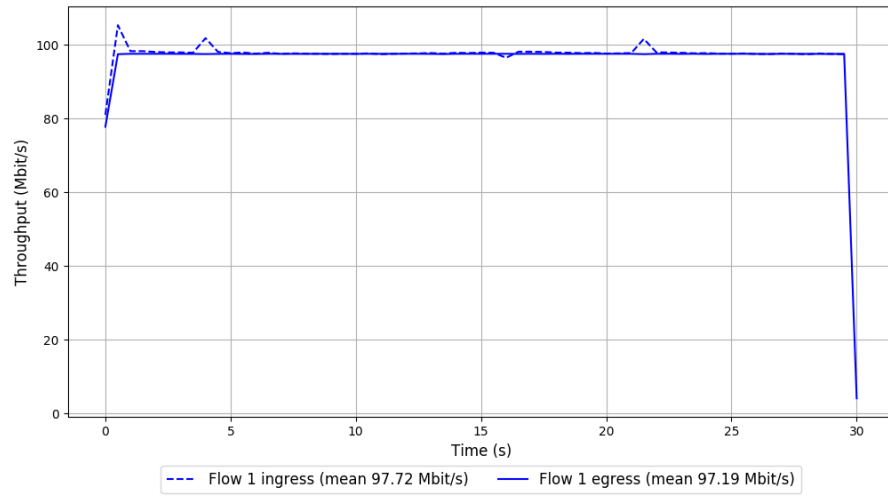


Run 9: Statistics of TCP Cubic

Start at: 2017-12-20 00:50:07  
End at: 2017-12-20 00:50:37  
Local clock offset: 2.269 ms  
Remote clock offset: -14.77 ms

# Below is generated by plot.py at 2017-12-20 01:39:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.19 Mbit/s  
95th percentile per-packet one-way delay: 30.742 ms  
Loss rate: 0.44%  
-- Flow 1:  
Average throughput: 97.19 Mbit/s  
95th percentile per-packet one-way delay: 30.742 ms  
Loss rate: 0.44%

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

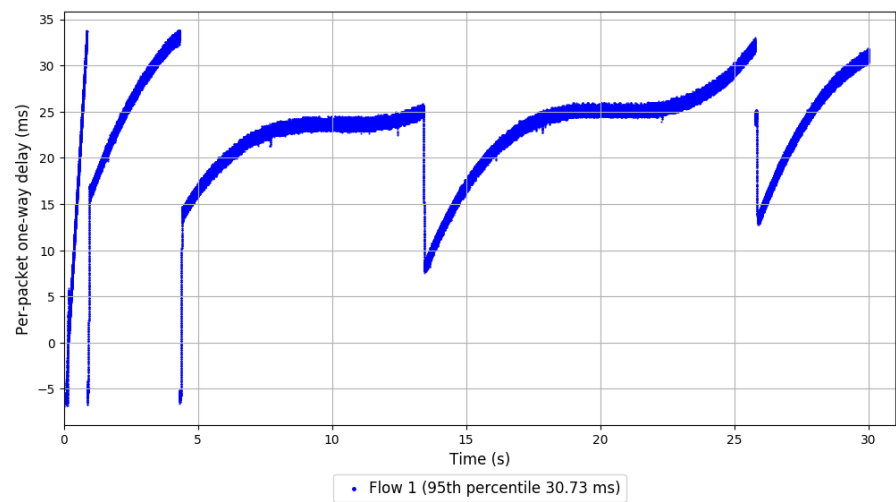
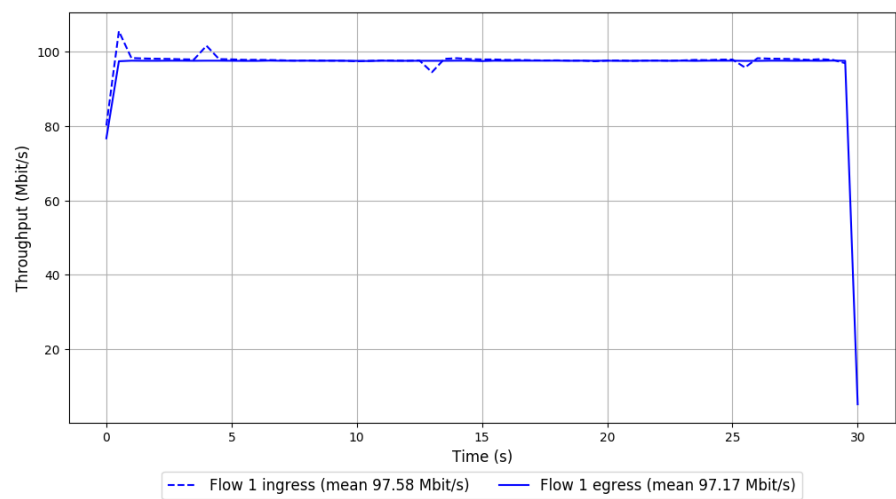


Run 10: Statistics of TCP Cubic

Start at: 2017-12-20 01:07:49  
End at: 2017-12-20 01:08:19  
Local clock offset: 3.486 ms  
Remote clock offset: -13.576 ms

# Below is generated by plot.py at 2017-12-20 01:40:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.17 Mbit/s  
95th percentile per-packet one-way delay: 30.730 ms  
Loss rate: 0.30%  
-- Flow 1:  
Average throughput: 97.17 Mbit/s  
95th percentile per-packet one-way delay: 30.730 ms  
Loss rate: 0.30%

Run 10: Report of TCP Cubic — Data Link



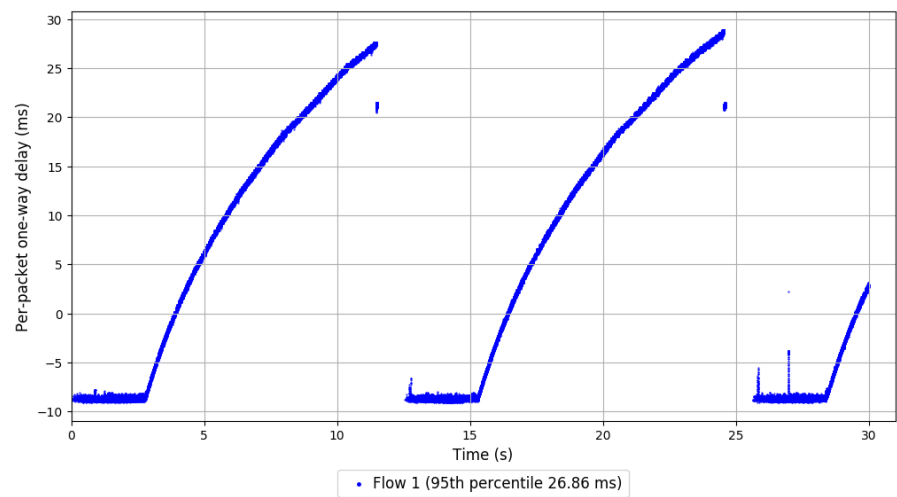
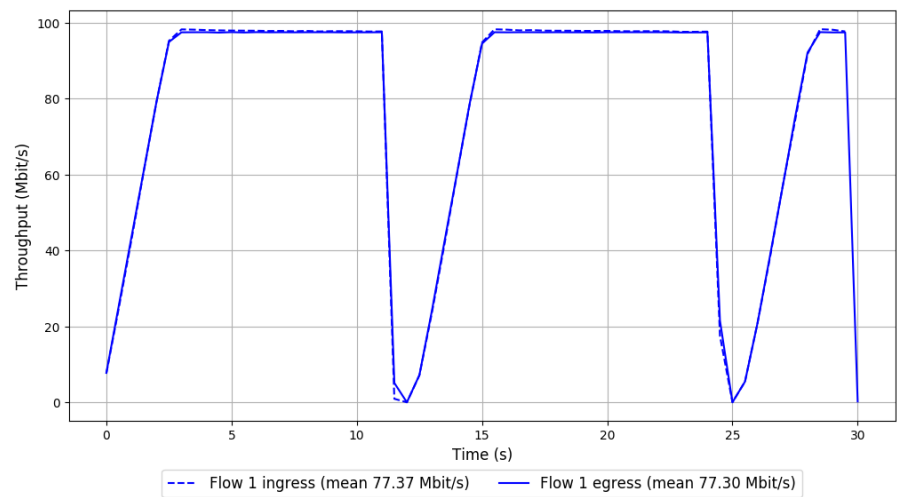
```
Run 1: Statistics of LEDBAT

Start at: 2017-12-19 22:20:21
End at: 2017-12-19 22:20:51
Local clock offset: 0.772 ms
Remote clock offset: -14.072 ms

# Below is generated by plot.py at 2017-12-20 01:40:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.30 Mbit/s
95th percentile per-packet one-way delay: 26.859 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 77.30 Mbit/s
95th percentile per-packet one-way delay: 26.859 ms
Loss rate: 0.06%
```



Run 1: Report of LEDBAT — Data Link

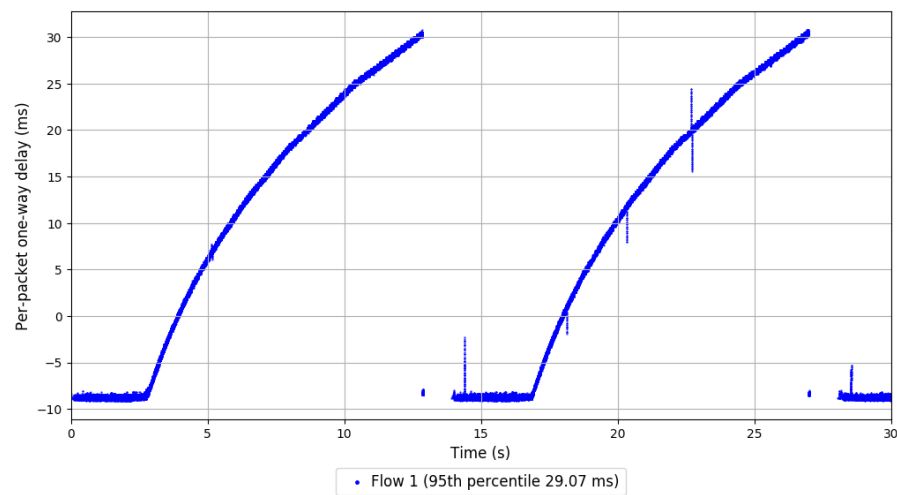
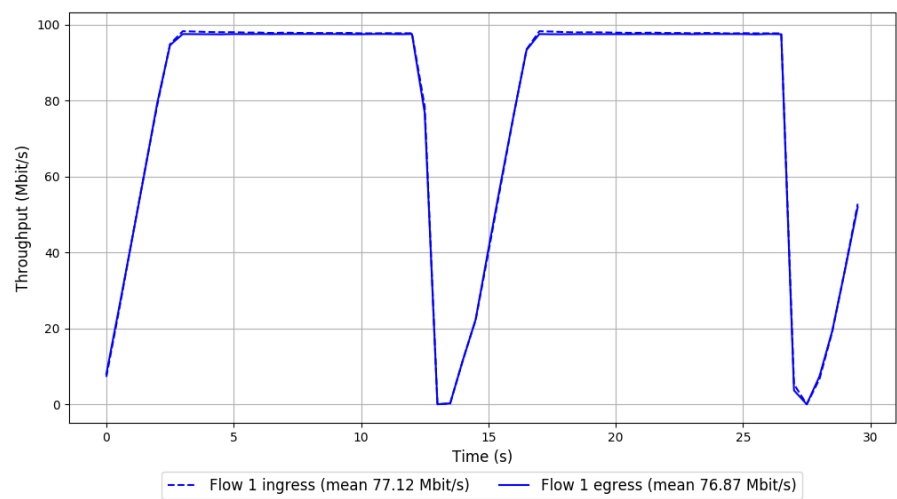


Run 2: Statistics of LEDBAT

Start at: 2017-12-19 22:37:36  
End at: 2017-12-19 22:38:06  
Local clock offset: 3.198 ms  
Remote clock offset: -12.46 ms

# Below is generated by plot.py at 2017-12-20 01:40:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.87 Mbit/s  
95th percentile per-packet one-way delay: 29.072 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 76.87 Mbit/s  
95th percentile per-packet one-way delay: 29.072 ms  
Loss rate: 0.33%

Run 2: Report of LEDBAT — Data Link

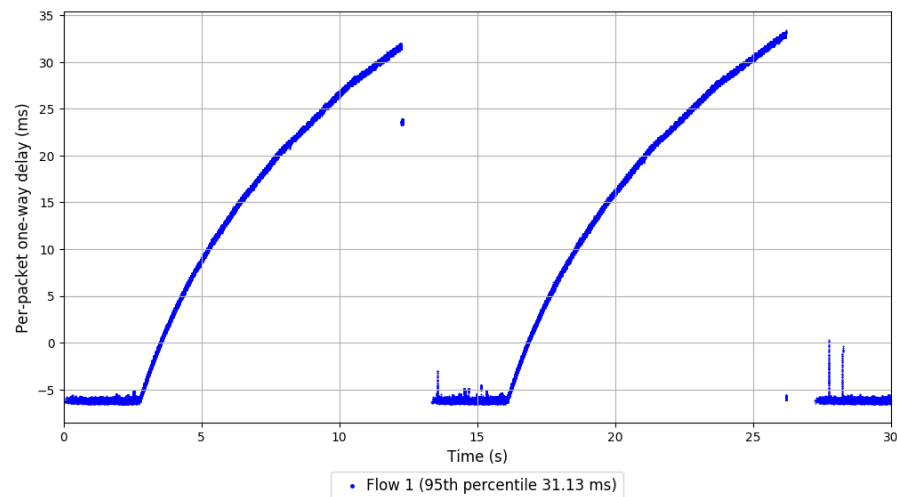
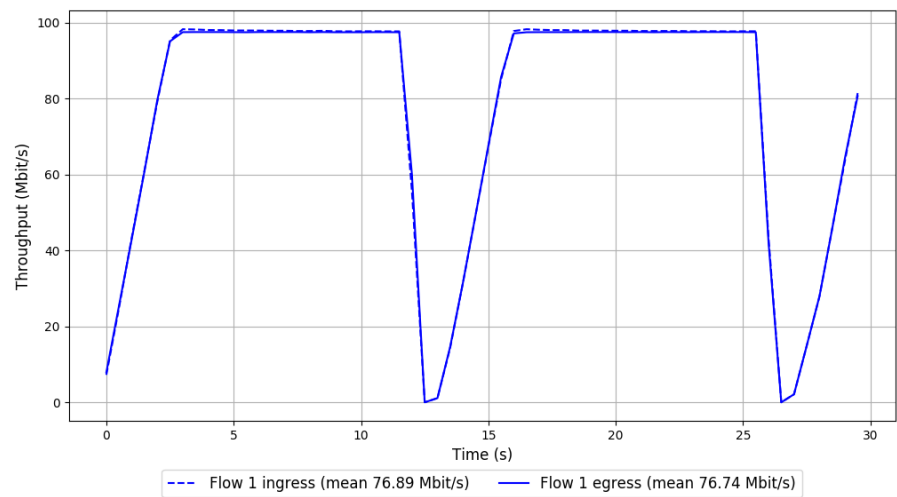


Run 3: Statistics of LEDBAT

Start at: 2017-12-19 22:55:07  
End at: 2017-12-19 22:55:37  
Local clock offset: 1.119 ms  
Remote clock offset: -12.058 ms

# Below is generated by plot.py at 2017-12-20 01:40:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.74 Mbit/s  
95th percentile per-packet one-way delay: 31.126 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 76.74 Mbit/s  
95th percentile per-packet one-way delay: 31.126 ms  
Loss rate: 0.20%

Run 3: Report of LEDBAT — Data Link

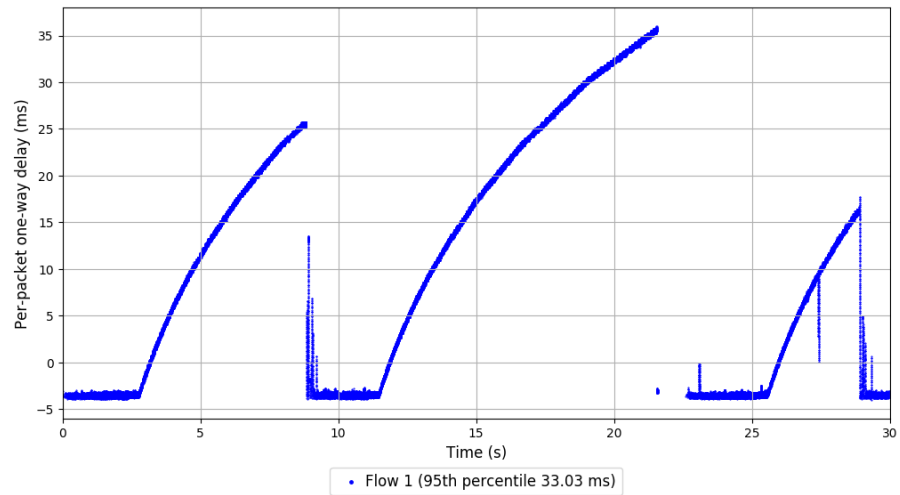
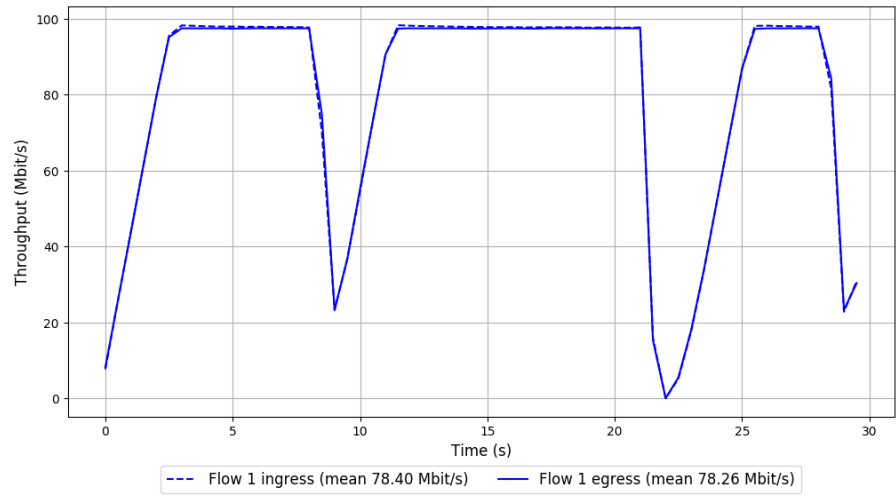


Run 4: Statistics of LEDBAT

Start at: 2017-12-19 23:12:33  
End at: 2017-12-19 23:13:03  
Local clock offset: -0.567 ms  
Remote clock offset: -11.588 ms

# Below is generated by plot.py at 2017-12-20 01:40:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.26 Mbit/s  
95th percentile per-packet one-way delay: 33.030 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 78.26 Mbit/s  
95th percentile per-packet one-way delay: 33.030 ms  
Loss rate: 0.17%

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



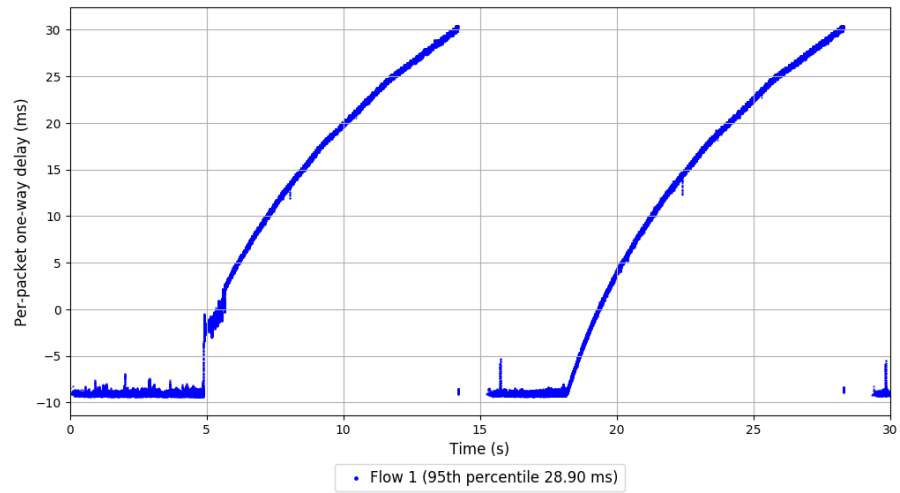
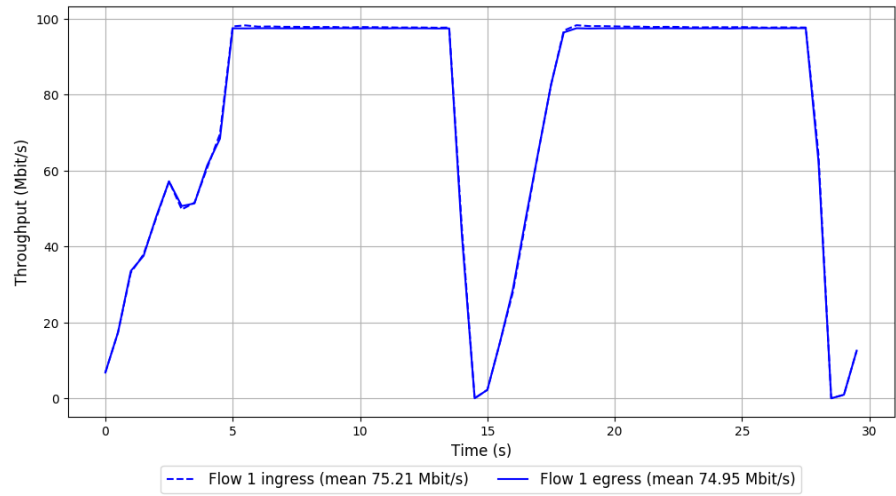
Run 5: Statistics of LEDBAT

Start at: 2017-12-19 23:29:50  
End at: 2017-12-19 23:30:20  
Local clock offset: 3.043 ms  
Remote clock offset: -13.778 ms

# Below is generated by plot.py at 2017-12-20 01:40:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 74.95 Mbit/s  
95th percentile per-packet one-way delay: 28.896 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 74.95 Mbit/s  
95th percentile per-packet one-way delay: 28.896 ms  
Loss rate: 0.34%



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

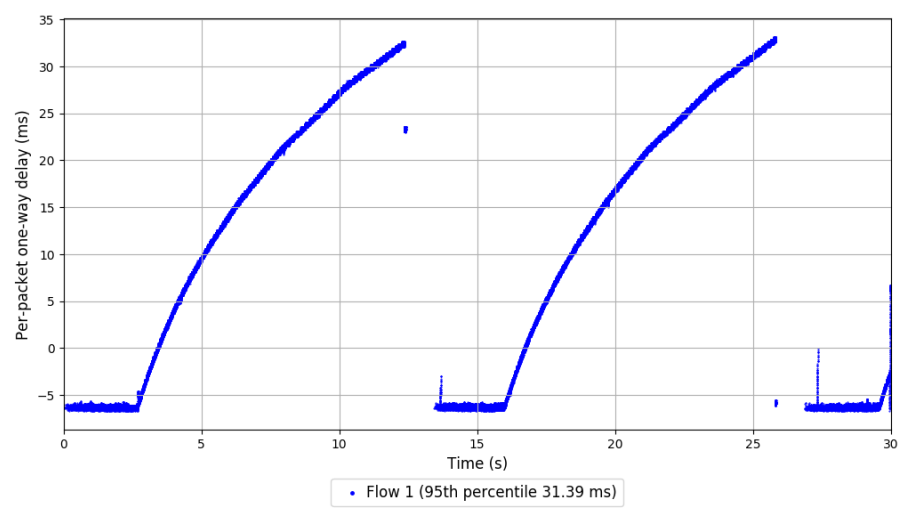
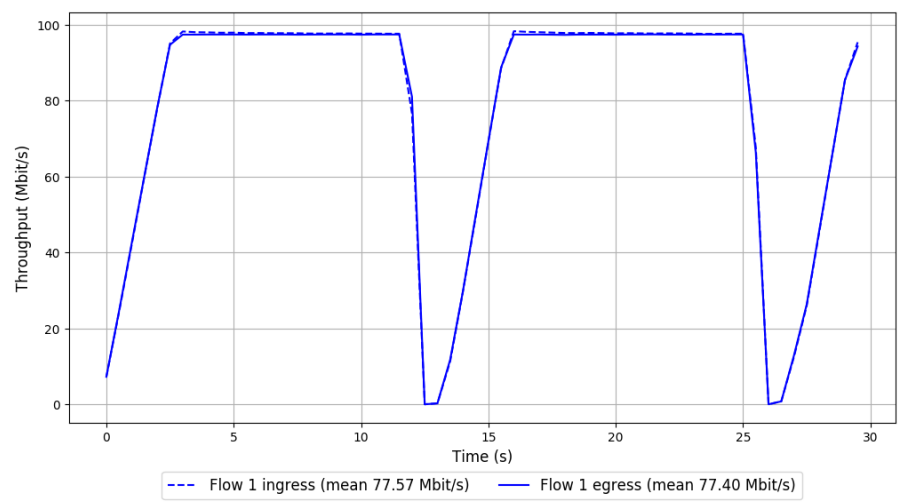


Run 6: Statistics of LEDBAT

Start at: 2017-12-19 23:47:08  
End at: 2017-12-19 23:47:38  
Local clock offset: 1.506 ms  
Remote clock offset: -12.982 ms

# Below is generated by plot.py at 2017-12-20 01:40:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.40 Mbit/s  
95th percentile per-packet one-way delay: 31.391 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 77.40 Mbit/s  
95th percentile per-packet one-way delay: 31.391 ms  
Loss rate: 0.20%

Run 6: Report of LEDBAT — Data Link

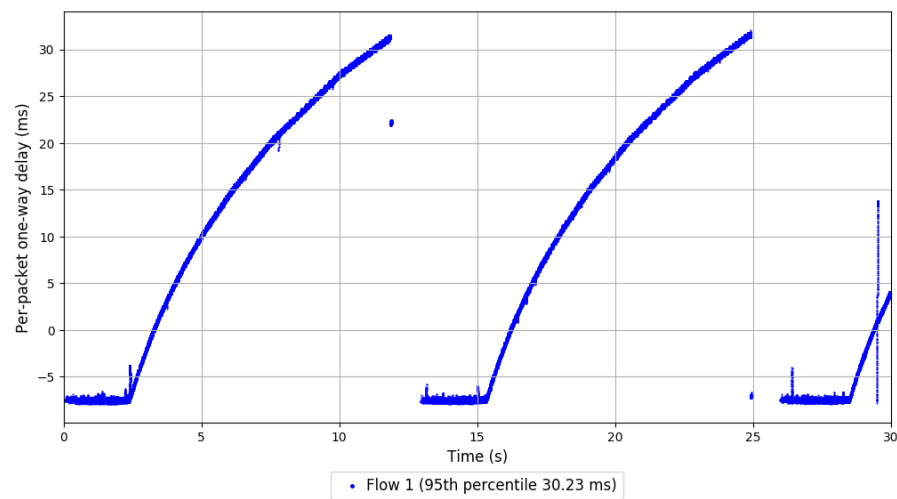
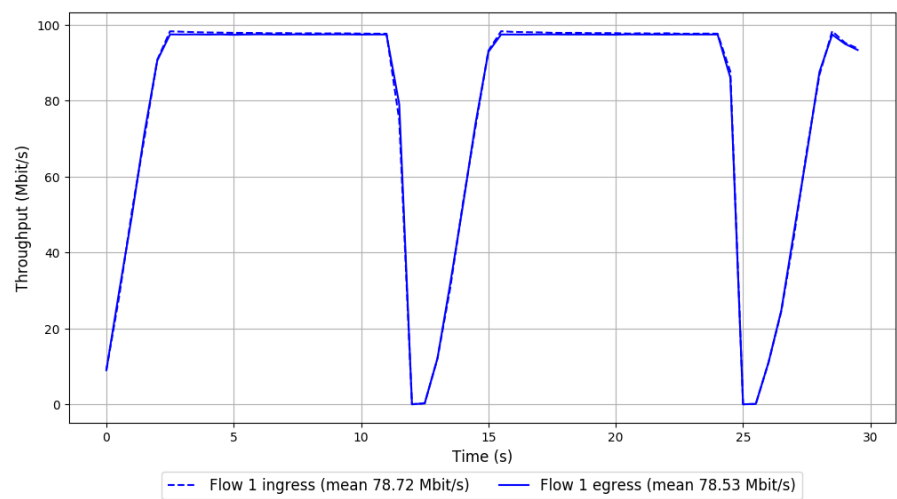


Run 7: Statistics of LEDBAT

Start at: 2017-12-20 00:04:38  
End at: 2017-12-20 00:05:08  
Local clock offset: 3.198 ms  
Remote clock offset: -14.061 ms

# Below is generated by plot.py at 2017-12-20 01:40:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.53 Mbit/s  
95th percentile per-packet one-way delay: 30.235 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 78.53 Mbit/s  
95th percentile per-packet one-way delay: 30.235 ms  
Loss rate: 0.20%

Run 7: Report of LEDBAT — Data Link

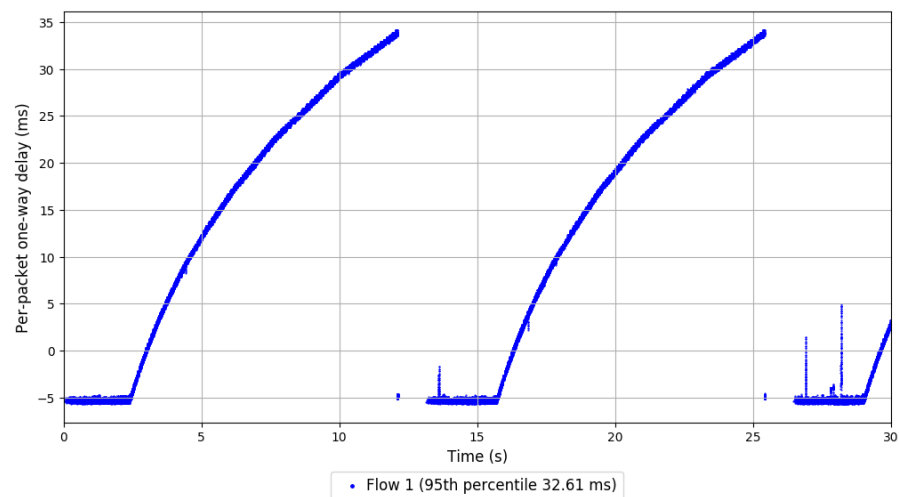
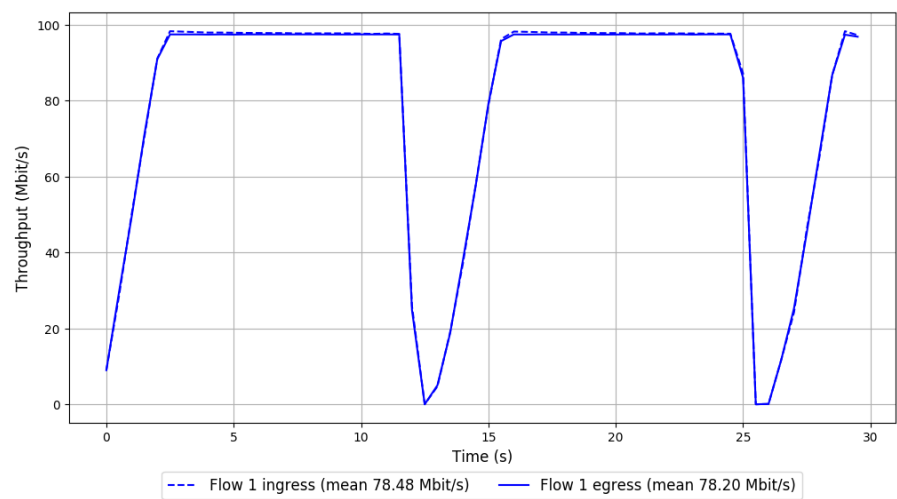


Run 8: Statistics of LEDBAT

Start at: 2017-12-20 00:22:07  
End at: 2017-12-20 00:22:37  
Local clock offset: 2.902 ms  
Remote clock offset: -13.291 ms

# Below is generated by plot.py at 2017-12-20 01:41:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.20 Mbit/s  
95th percentile per-packet one-way delay: 32.612 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 78.20 Mbit/s  
95th percentile per-packet one-way delay: 32.612 ms  
Loss rate: 0.33%

Run 8: Report of LEDBAT — Data Link



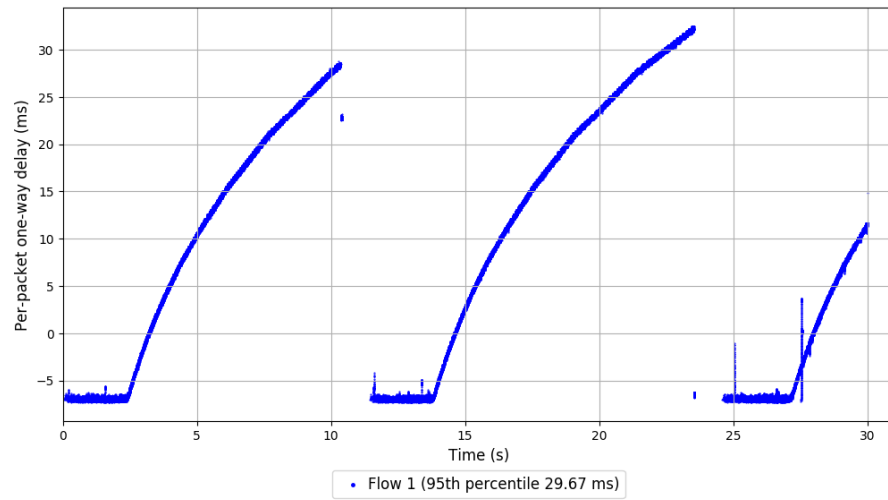
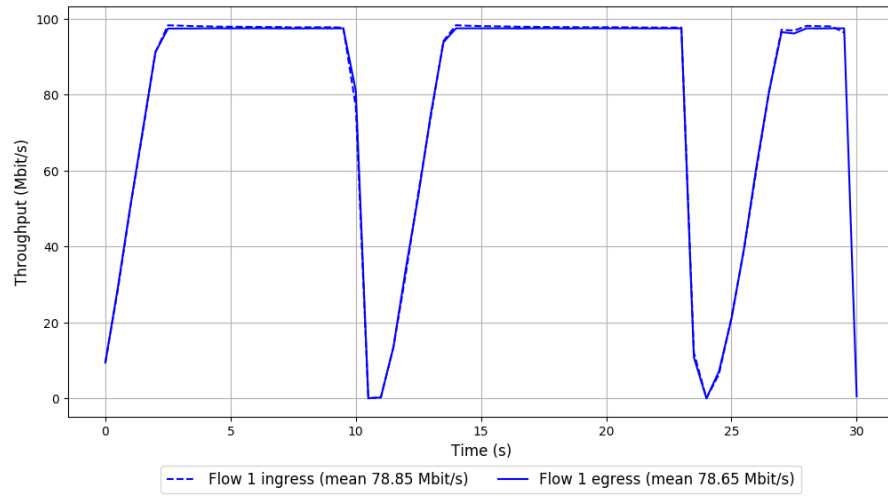
Run 9: Statistics of LEDBAT

Start at: 2017-12-20 00:39:39  
End at: 2017-12-20 00:40:09  
Local clock offset: 2.664 ms  
Remote clock offset: -14.88 ms

# Below is generated by plot.py at 2017-12-20 01:41:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.65 Mbit/s  
95th percentile per-packet one-way delay: 29.666 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 78.65 Mbit/s  
95th percentile per-packet one-way delay: 29.666 ms  
Loss rate: 0.19%



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

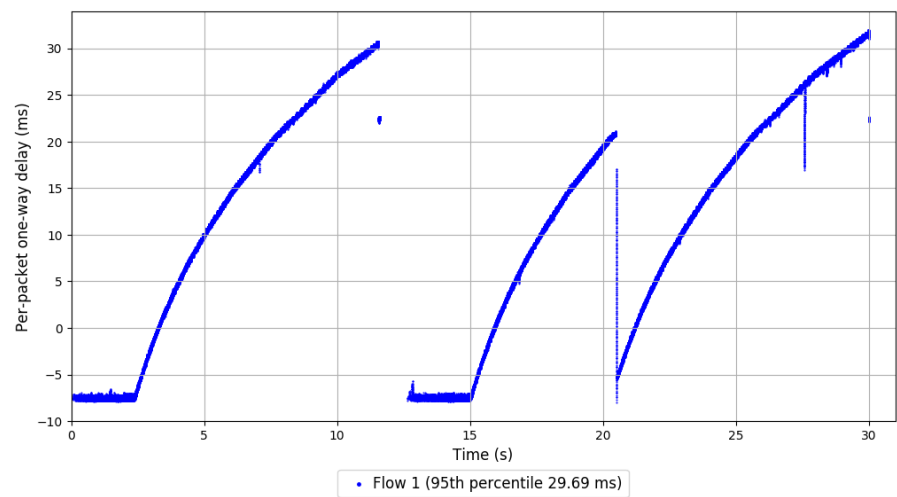
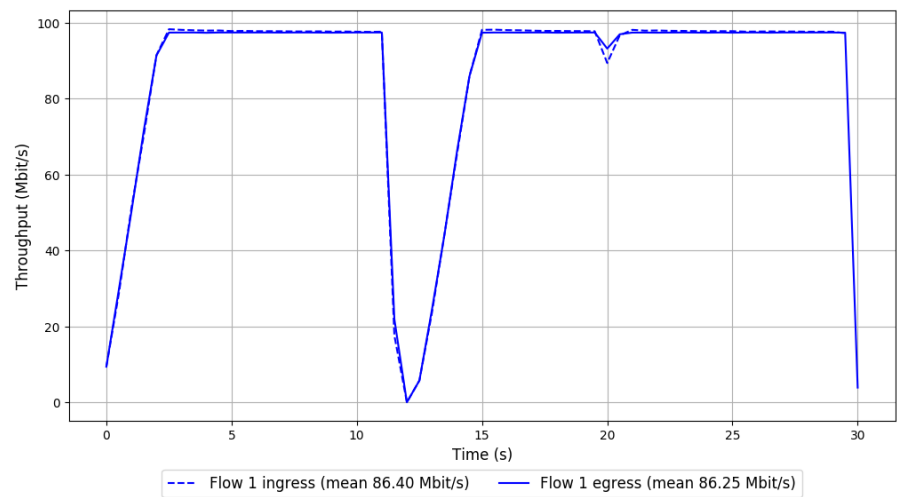


Run 10: Statistics of LEDBAT

Start at: 2017-12-20 00:57:19  
End at: 2017-12-20 00:57:49  
Local clock offset: 3.393 ms  
Remote clock offset: -14.024 ms

# Below is generated by plot.py at 2017-12-20 01:41:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.25 Mbit/s  
95th percentile per-packet one-way delay: 29.692 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 86.25 Mbit/s  
95th percentile per-packet one-way delay: 29.692 ms  
Loss rate: 0.07%

Run 10: Report of LEDBAT — Data Link

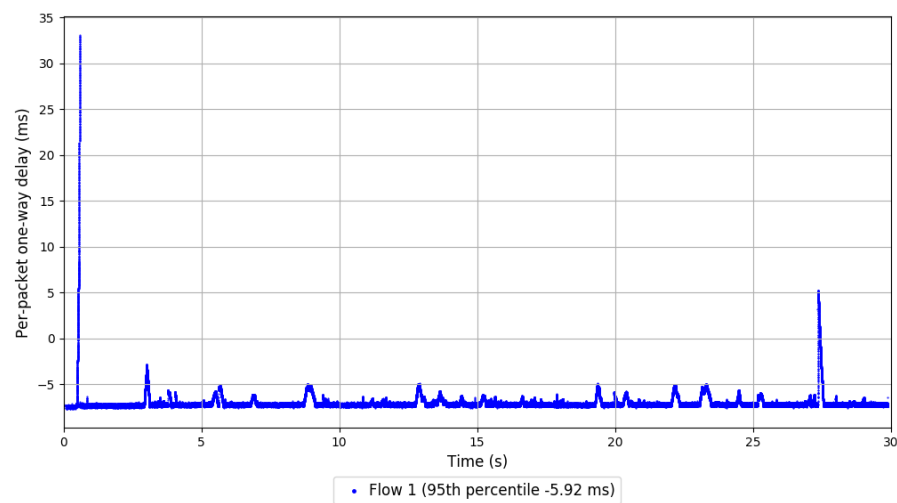
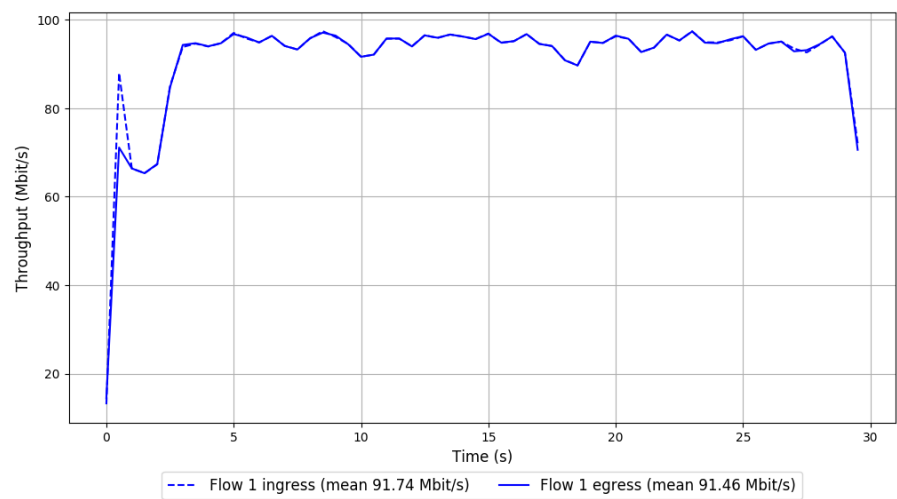


```
Run 1: Statistics of PCC

Start at: 2017-12-19 22:27:16
End at: 2017-12-19 22:27:46
Local clock offset: 1.049 ms
Remote clock offset: -13.761 ms

# Below is generated by plot.py at 2017-12-20 01:41:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.46 Mbit/s
95th percentile per-packet one-way delay: -5.923 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 91.46 Mbit/s
95th percentile per-packet one-way delay: -5.923 ms
Loss rate: 0.30%
```

Run 1: Report of PCC — Data Link

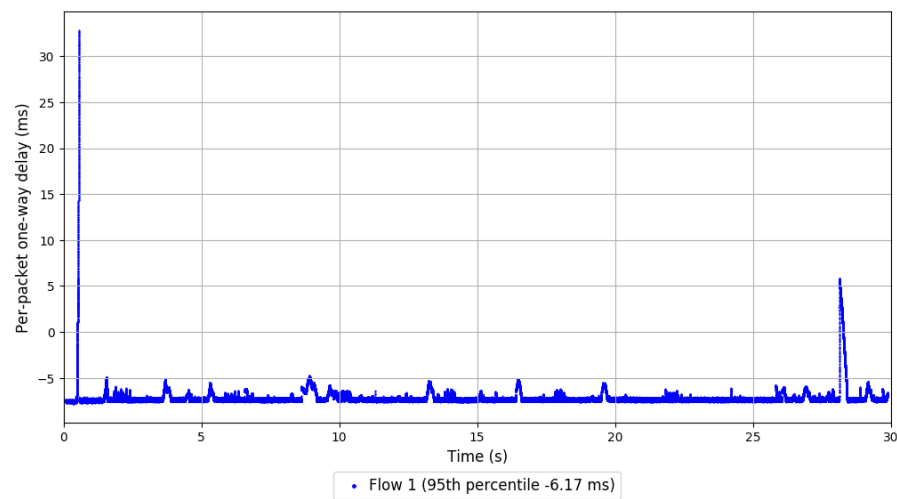
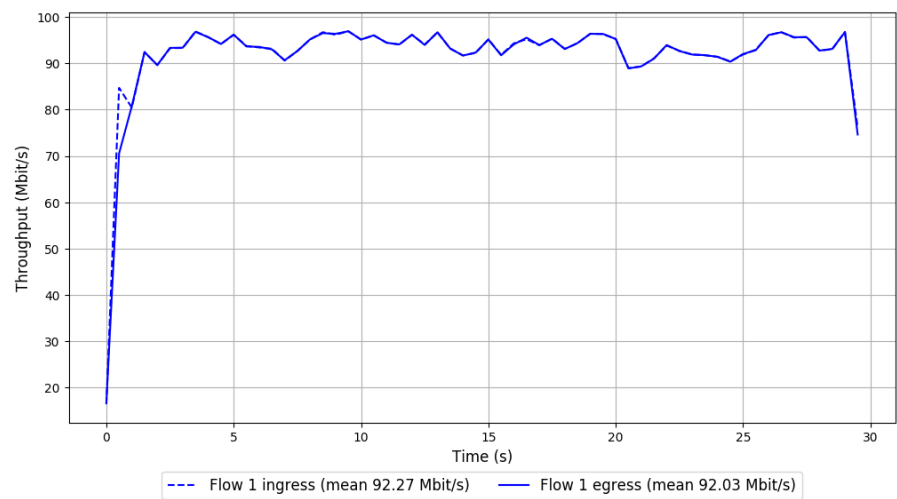


Run 2: Statistics of PCC

Start at: 2017-12-19 22:44:31  
End at: 2017-12-19 22:45:01  
Local clock offset: 2.341 ms  
Remote clock offset: -11.95 ms

# Below is generated by plot.py at 2017-12-20 01:41:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.03 Mbit/s  
95th percentile per-packet one-way delay: -6.166 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 92.03 Mbit/s  
95th percentile per-packet one-way delay: -6.166 ms  
Loss rate: 0.27%

Run 2: Report of PCC — Data Link



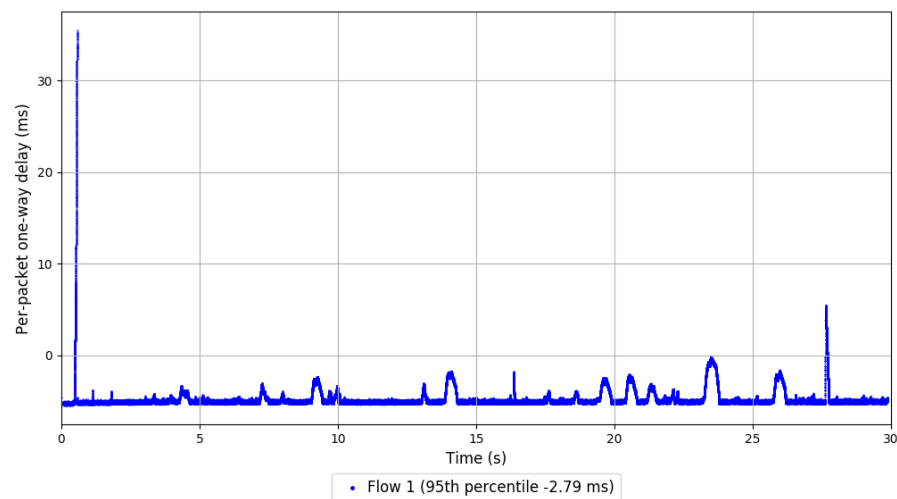
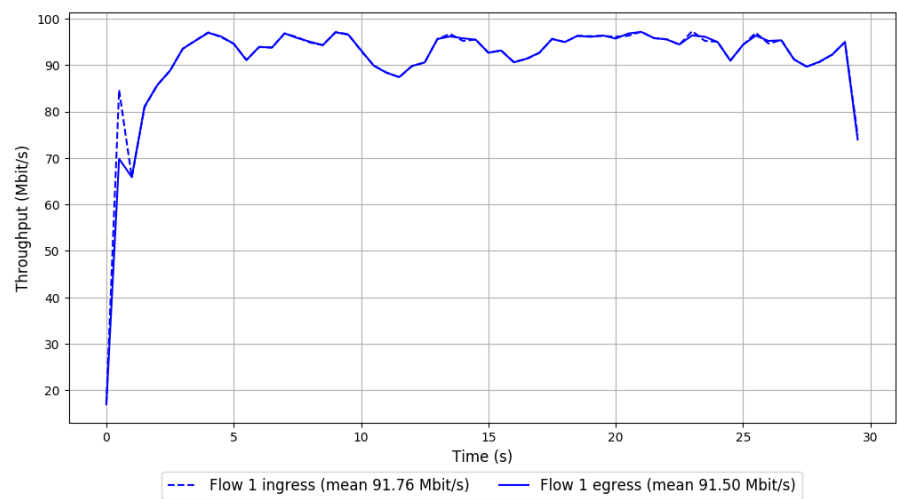
Run 3: Statistics of PCC

Start at: 2017-12-19 23:02:02  
End at: 2017-12-19 23:02:32  
Local clock offset: -0.091 ms  
Remote clock offset: -12.236 ms

# Below is generated by plot.py at 2017-12-20 01:41:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.50 Mbit/s  
95th percentile per-packet one-way delay: -2.785 ms  
Loss rate: 0.29%  
-- Flow 1:  
Average throughput: 91.50 Mbit/s  
95th percentile per-packet one-way delay: -2.785 ms  
Loss rate: 0.29%



Run 3: Report of PCC — Data Link

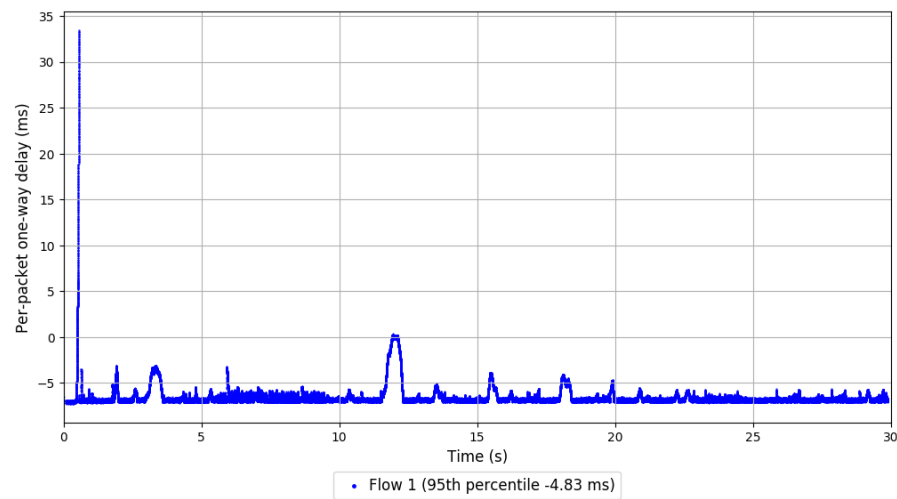
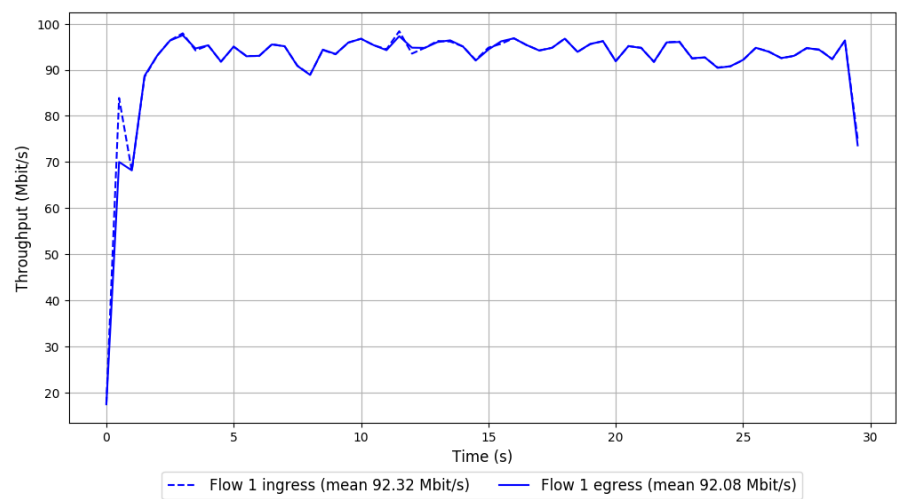


Run 4: Statistics of PCC

Start at: 2017-12-19 23:19:30  
End at: 2017-12-19 23:20:00  
Local clock offset: 2.052 ms  
Remote clock offset: -12.319 ms

# Below is generated by plot.py at 2017-12-20 01:41:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.08 Mbit/s  
95th percentile per-packet one-way delay: -4.833 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 92.08 Mbit/s  
95th percentile per-packet one-way delay: -4.833 ms  
Loss rate: 0.27%

Run 4: Report of PCC — Data Link

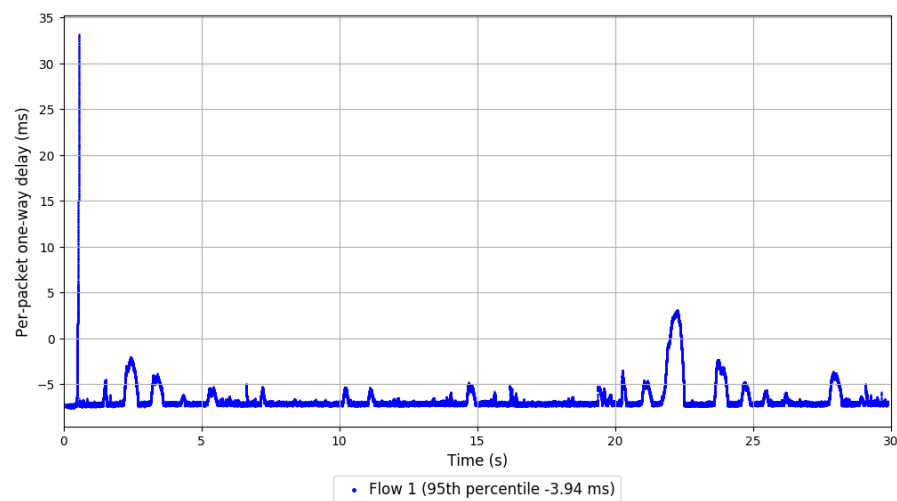
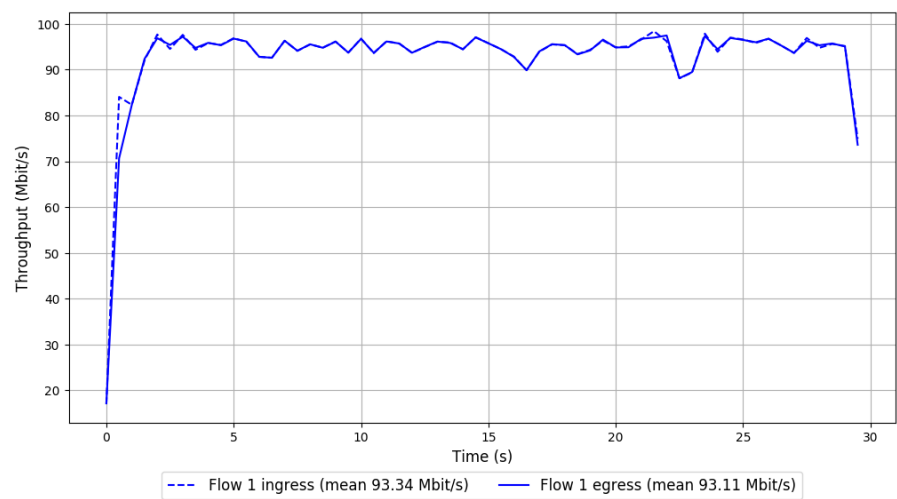


Run 5: Statistics of PCC

Start at: 2017-12-19 23:36:46  
End at: 2017-12-19 23:37:16  
Local clock offset: 2.257 ms  
Remote clock offset: -12.839 ms

# Below is generated by plot.py at 2017-12-20 01:42:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.11 Mbit/s  
95th percentile per-packet one-way delay: -3.938 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 93.11 Mbit/s  
95th percentile per-packet one-way delay: -3.938 ms  
Loss rate: 0.25%

Run 5: Report of PCC — Data Link

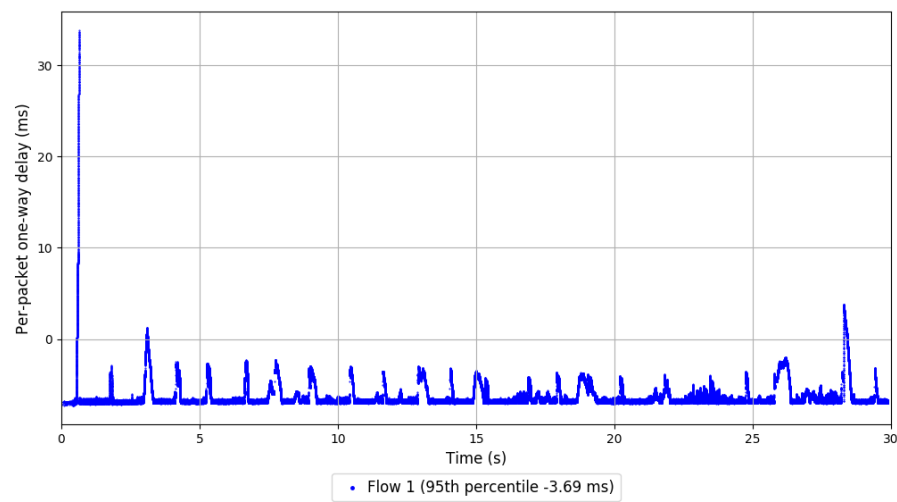
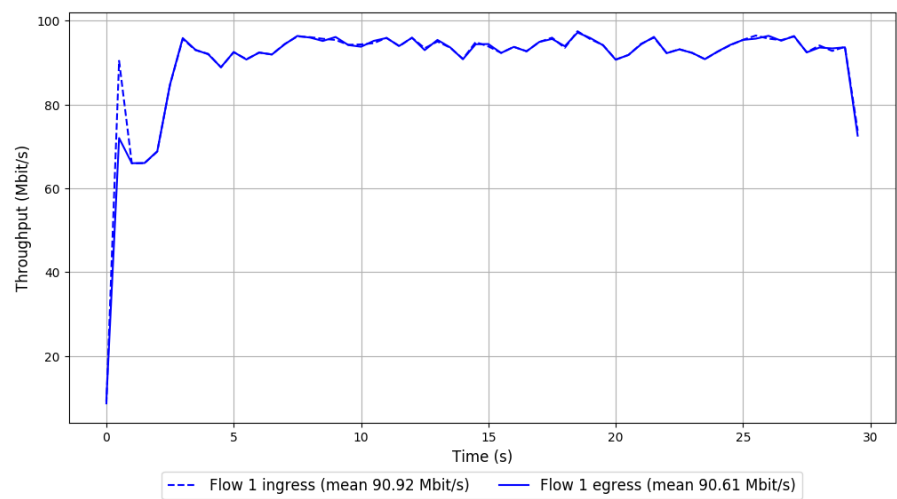


Run 6: Statistics of PCC

Start at: 2017-12-19 23:54:04  
End at: 2017-12-19 23:54:34  
Local clock offset: 3.975 ms  
Remote clock offset: -10.884 ms

# Below is generated by plot.py at 2017-12-20 01:43:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.61 Mbit/s  
95th percentile per-packet one-way delay: -3.687 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 90.61 Mbit/s  
95th percentile per-packet one-way delay: -3.687 ms  
Loss rate: 0.34%

Run 6: Report of PCC — Data Link



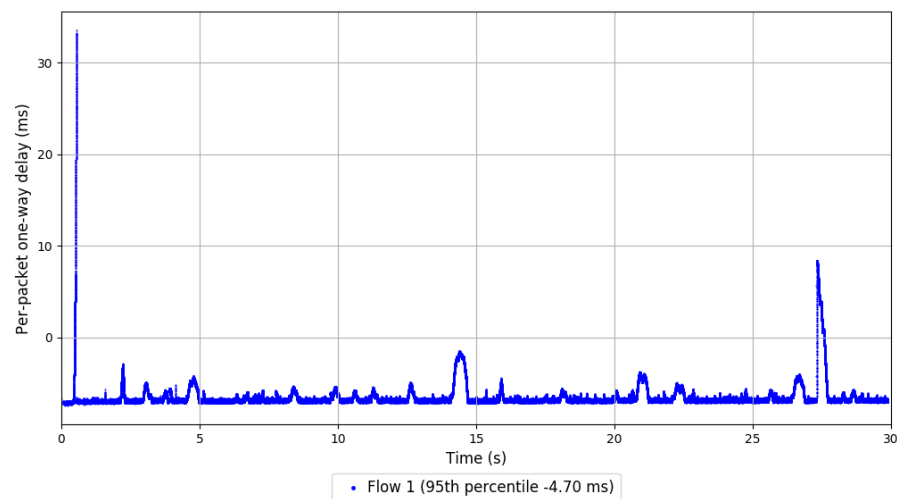
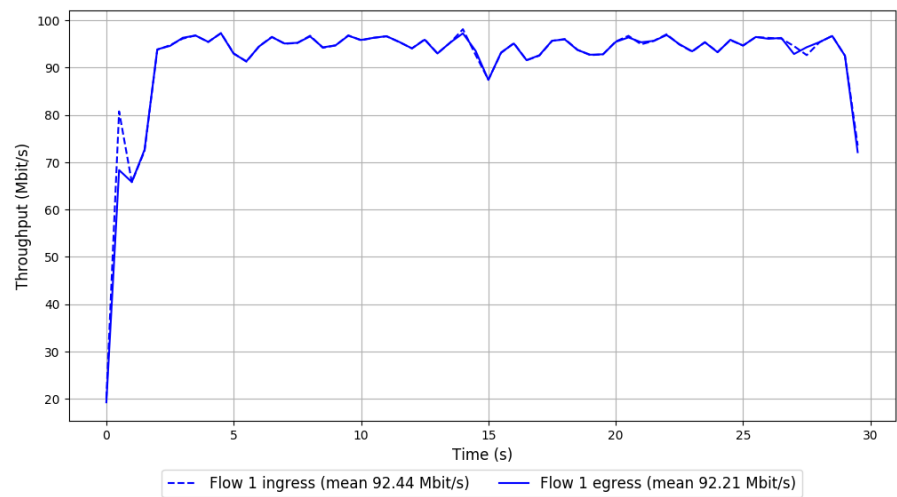
Run 7: Statistics of PCC

Start at: 2017-12-20 00:11:40  
End at: 2017-12-20 00:12:10  
Local clock offset: 1.029 ms  
Remote clock offset: -16.331 ms

# Below is generated by plot.py at 2017-12-20 01:43:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.21 Mbit/s  
95th percentile per-packet one-way delay: -4.697 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 92.21 Mbit/s  
95th percentile per-packet one-way delay: -4.697 ms  
Loss rate: 0.26%



Run 7: Report of PCC — Data Link

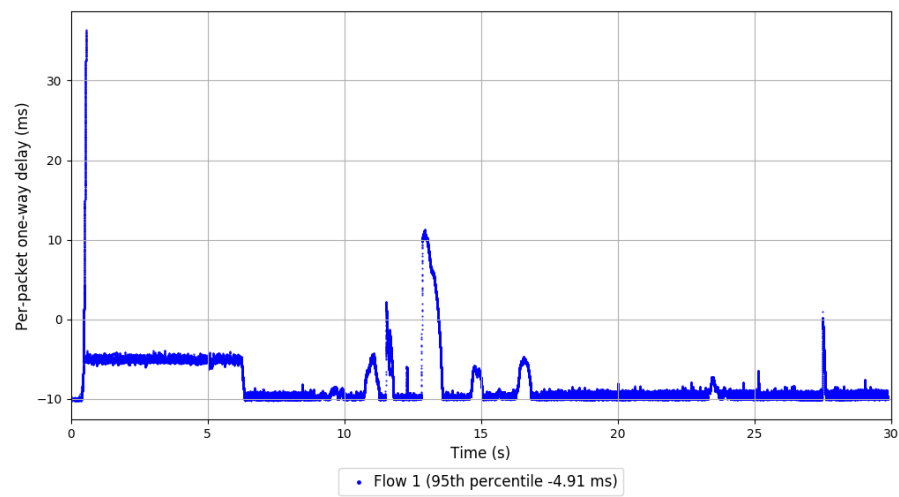
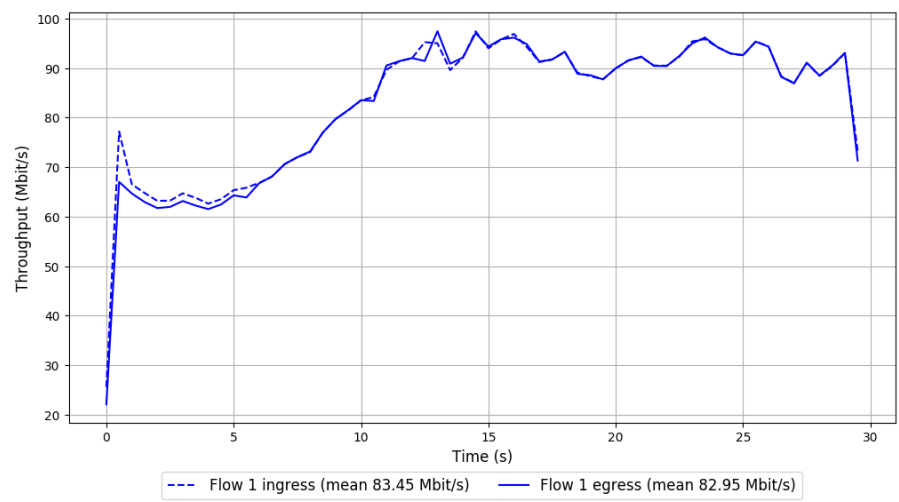


Run 8: Statistics of PCC

Start at: 2017-12-20 00:29:13  
End at: 2017-12-20 00:29:43  
Local clock offset: 3.014 ms  
Remote clock offset: -16.425 ms

# Below is generated by plot.py at 2017-12-20 01:43:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 82.95 Mbit/s  
95th percentile per-packet one-way delay: -4.912 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 82.95 Mbit/s  
95th percentile per-packet one-way delay: -4.912 ms  
Loss rate: 0.60%

Run 8: Report of PCC — Data Link

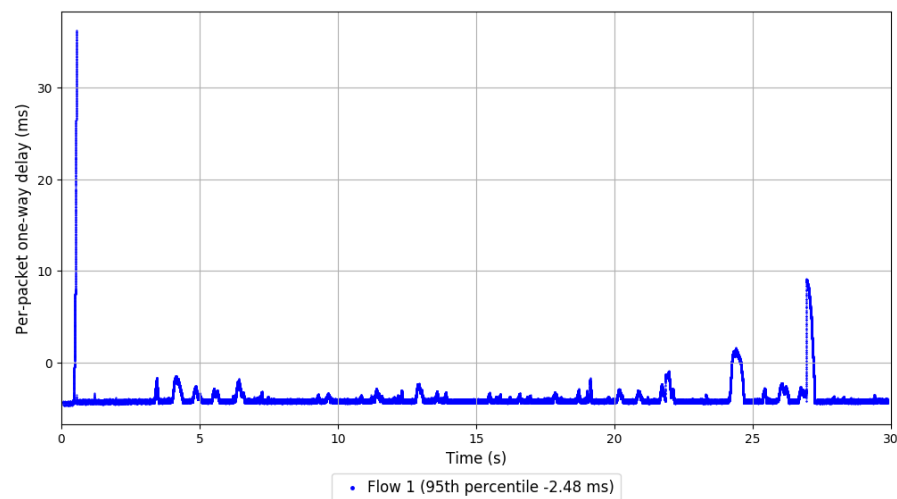
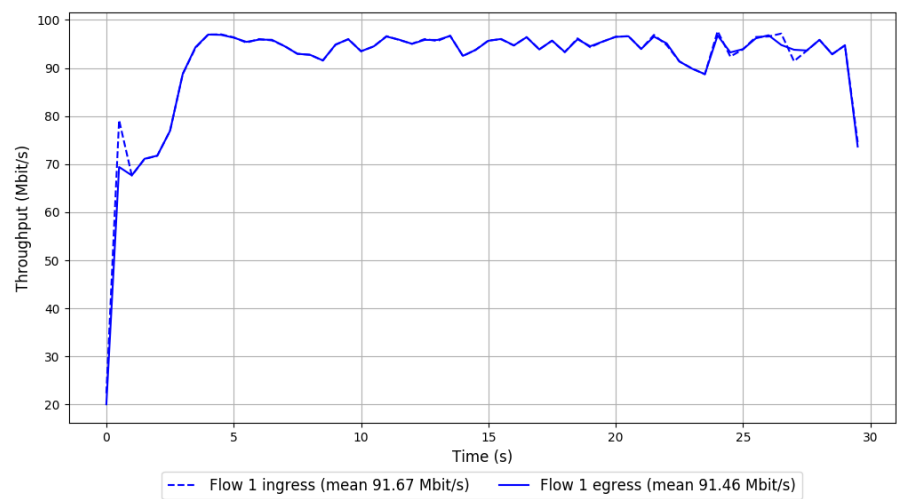


Run 9: Statistics of PCC

Start at: 2017-12-20 00:46:39  
End at: 2017-12-20 00:47:09  
Local clock offset: 1.21 ms  
Remote clock offset: -13.024 ms

# Below is generated by plot.py at 2017-12-20 01:43:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.46 Mbit/s  
95th percentile per-packet one-way delay: -2.480 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 91.46 Mbit/s  
95th percentile per-packet one-way delay: -2.480 ms  
Loss rate: 0.23%

Run 9: Report of PCC — Data Link

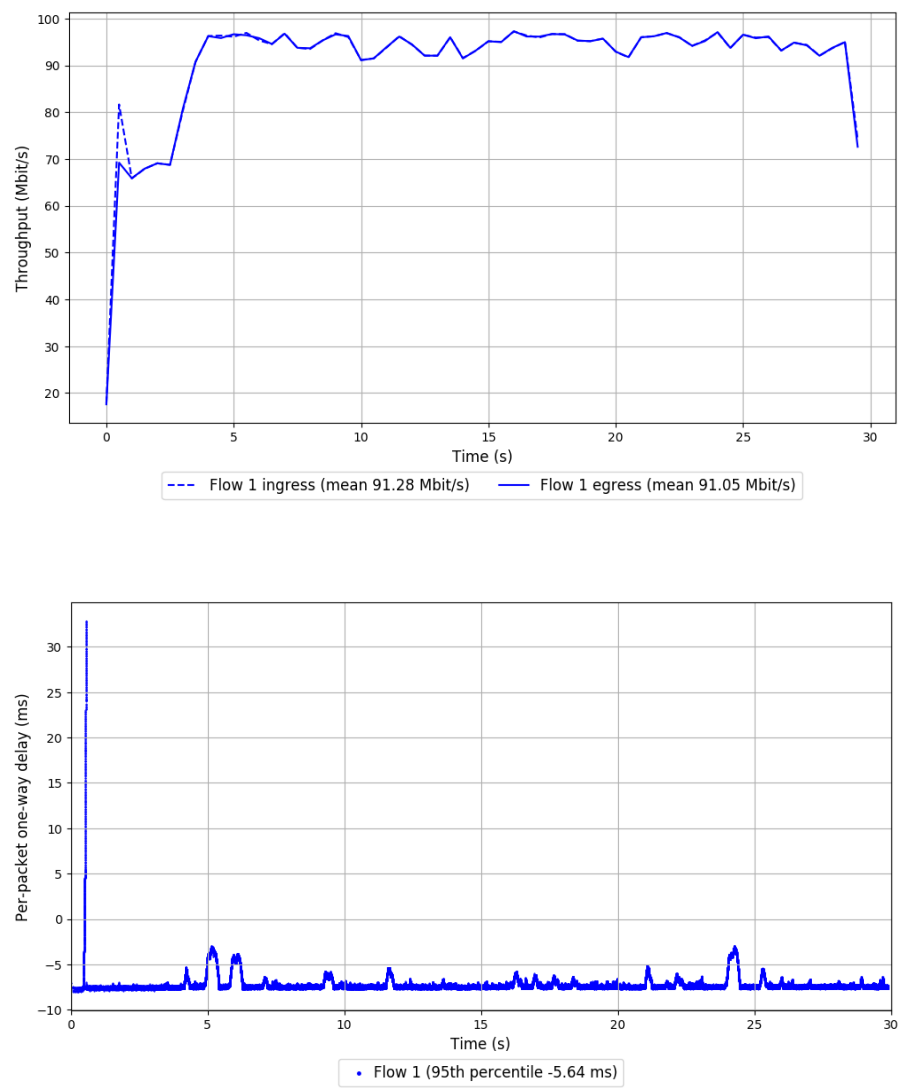


Run 10: Statistics of PCC

Start at: 2017-12-20 01:04:20  
End at: 2017-12-20 01:04:50  
Local clock offset: 2.103 ms  
Remote clock offset: -15.669 ms

# Below is generated by plot.py at 2017-12-20 01:43:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.05 Mbit/s  
95th percentile per-packet one-way delay: -5.645 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 91.05 Mbit/s  
95th percentile per-packet one-way delay: -5.645 ms  
Loss rate: 0.25%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-12-19 22:29:38

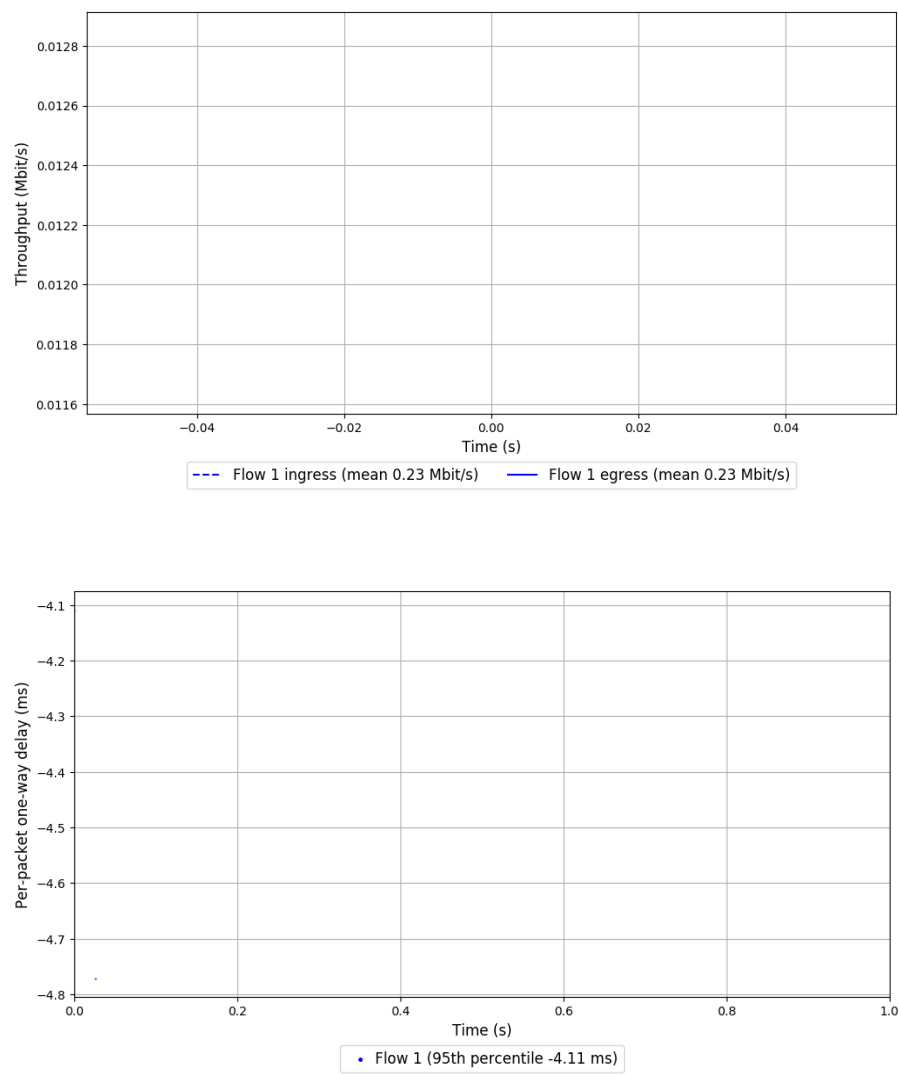
End at: 2017-12-19 22:30:08

Local clock offset: -0.997 ms

Remote clock offset: -12.297 ms



Run 1: Report of QUIC Cubic — Data Link

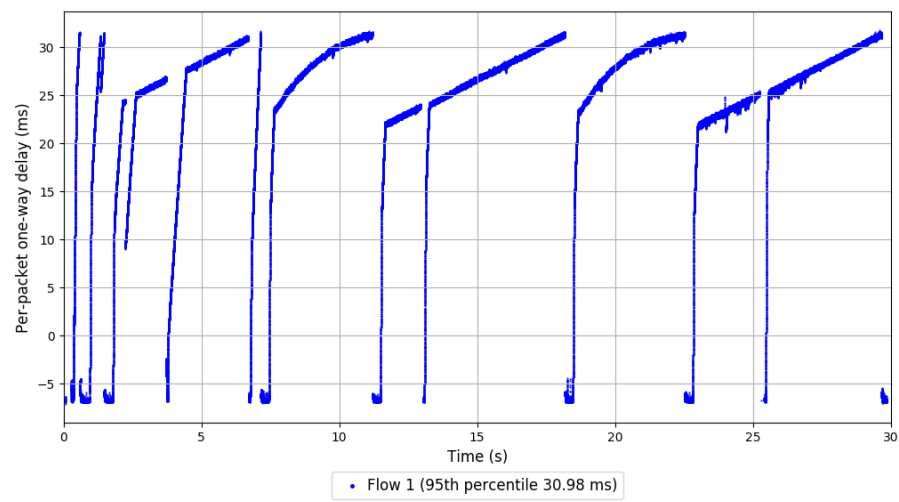
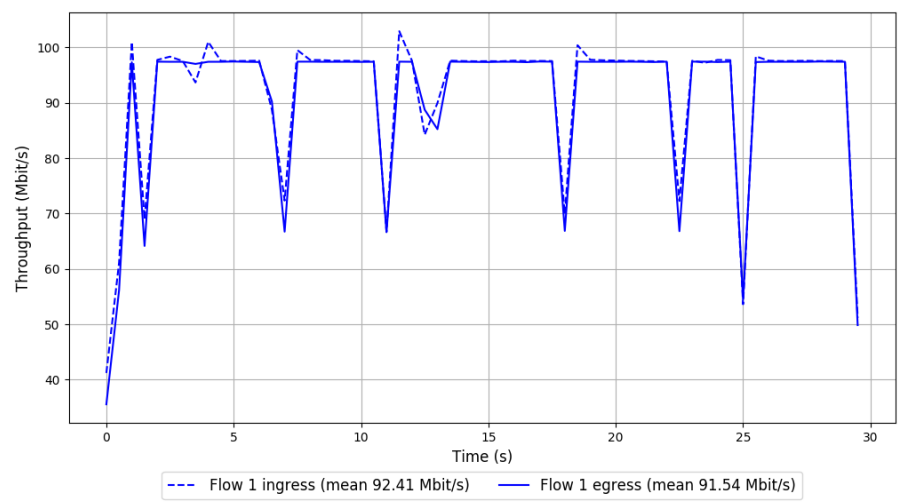


Run 2: Statistics of QUIC Cubic

Start at: 2017-12-19 22:46:51  
End at: 2017-12-19 22:47:21  
Local clock offset: 2.124 ms  
Remote clock offset: -12.33 ms

# Below is generated by plot.py at 2017-12-20 01:43:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.54 Mbit/s  
95th percentile per-packet one-way delay: 30.979 ms  
Loss rate: 0.94%  
-- Flow 1:  
Average throughput: 91.54 Mbit/s  
95th percentile per-packet one-way delay: 30.979 ms  
Loss rate: 0.94%

Run 2: Report of QUIC Cubic — Data Link

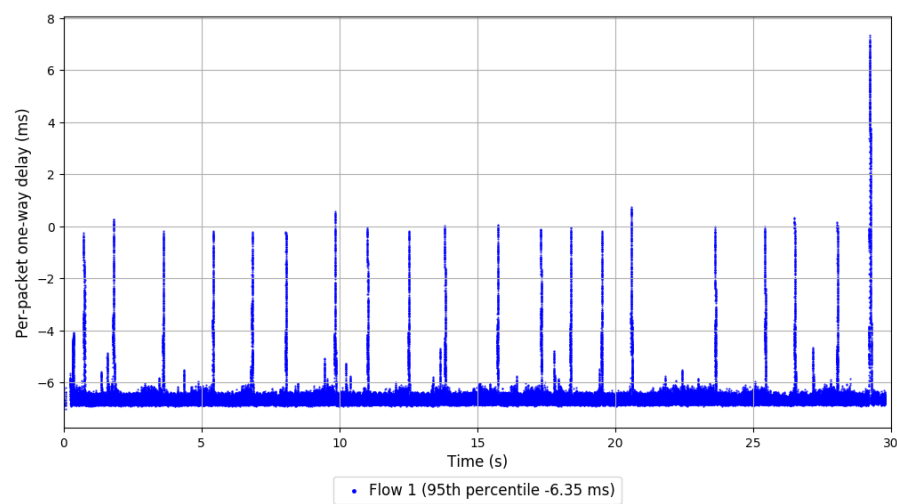
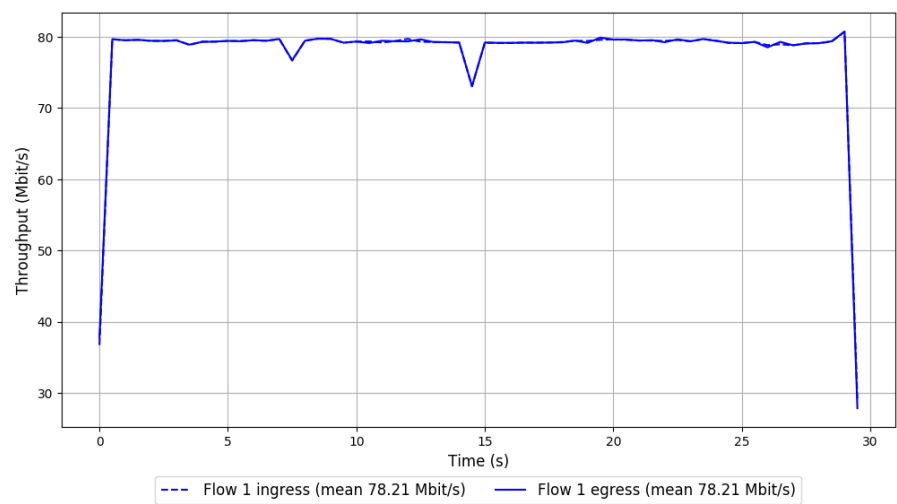


Run 3: Statistics of QUIC Cubic

Start at: 2017-12-19 23:04:24  
End at: 2017-12-19 23:04:54  
Local clock offset: 2.333 ms  
Remote clock offset: -12.513 ms

# Below is generated by plot.py at 2017-12-20 01:43:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.21 Mbit/s  
95th percentile per-packet one-way delay: -6.347 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 78.21 Mbit/s  
95th percentile per-packet one-way delay: -6.347 ms  
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

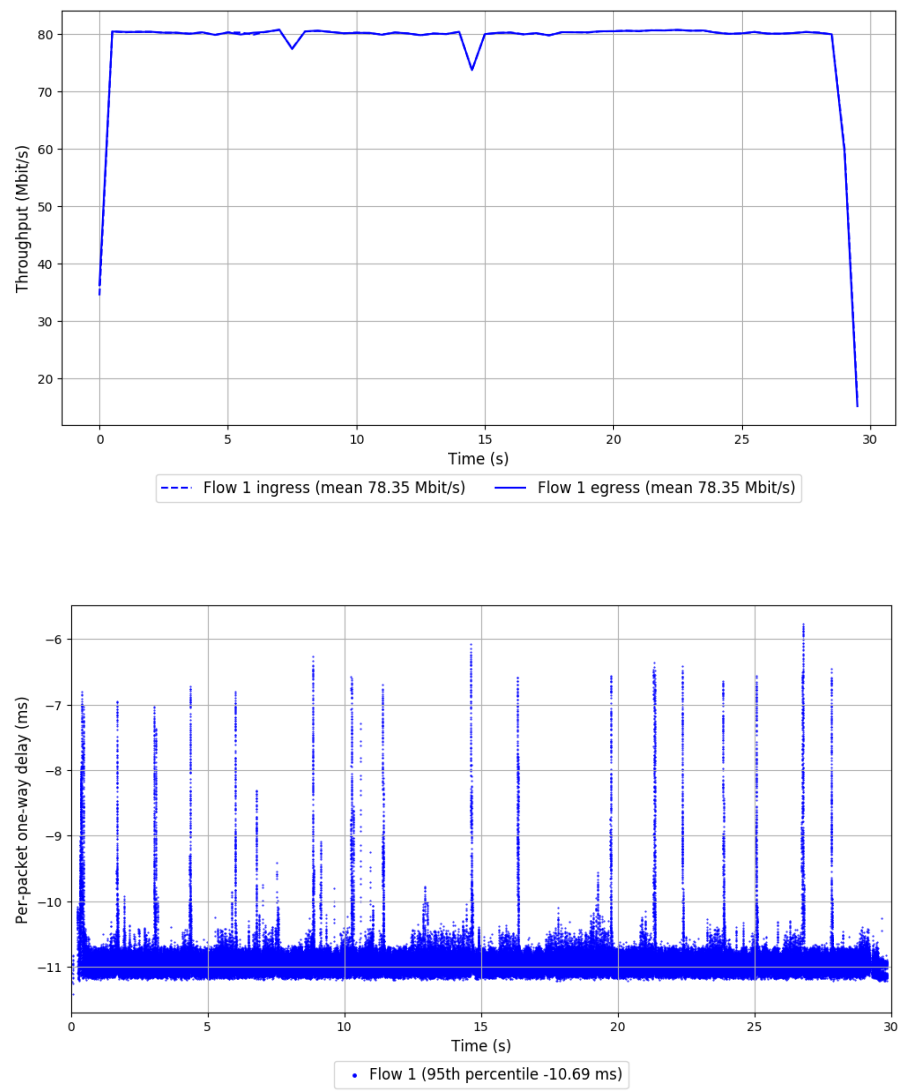


Run 4: Statistics of QUIC Cubic

Start at: 2017-12-19 23:21:49  
End at: 2017-12-19 23:22:19  
Local clock offset: 4.021 ms  
Remote clock offset: -14.463 ms

# Below is generated by plot.py at 2017-12-20 01:43:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.35 Mbit/s  
95th percentile per-packet one-way delay: -10.692 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 78.35 Mbit/s  
95th percentile per-packet one-way delay: -10.692 ms  
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



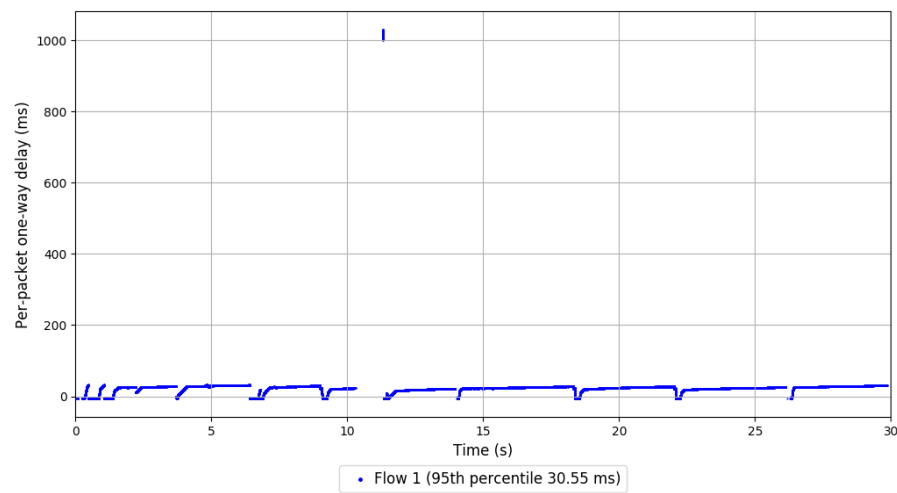
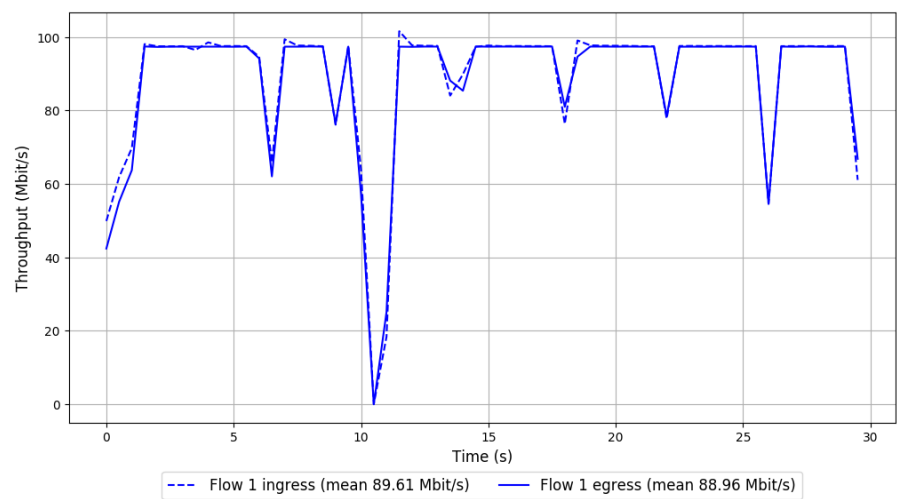
Run 5: Statistics of QUIC Cubic

Start at: 2017-12-19 23:39:05  
End at: 2017-12-19 23:39:35  
Local clock offset: 1.12 ms  
Remote clock offset: -13.596 ms

# Below is generated by plot.py at 2017-12-20 01:44:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.96 Mbit/s  
95th percentile per-packet one-way delay: 30.555 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 88.96 Mbit/s  
95th percentile per-packet one-way delay: 30.555 ms  
Loss rate: 0.60%



Run 5: Report of QUIC Cubic — Data Link

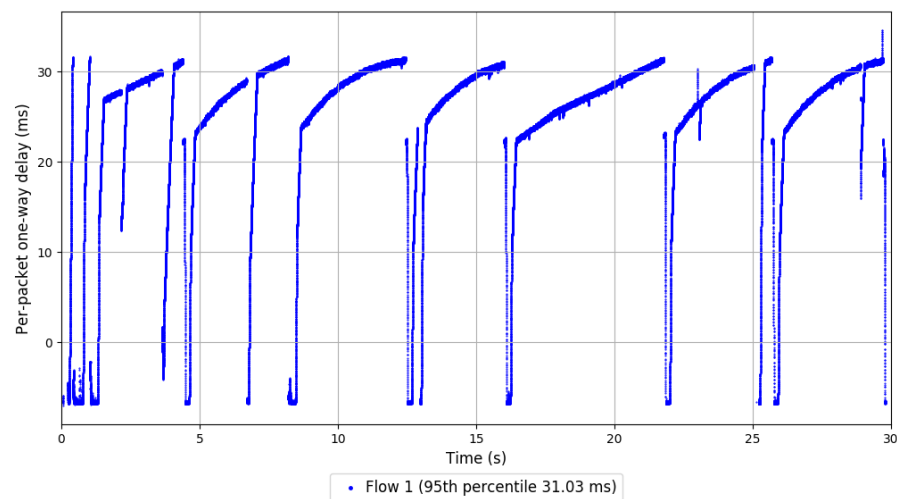
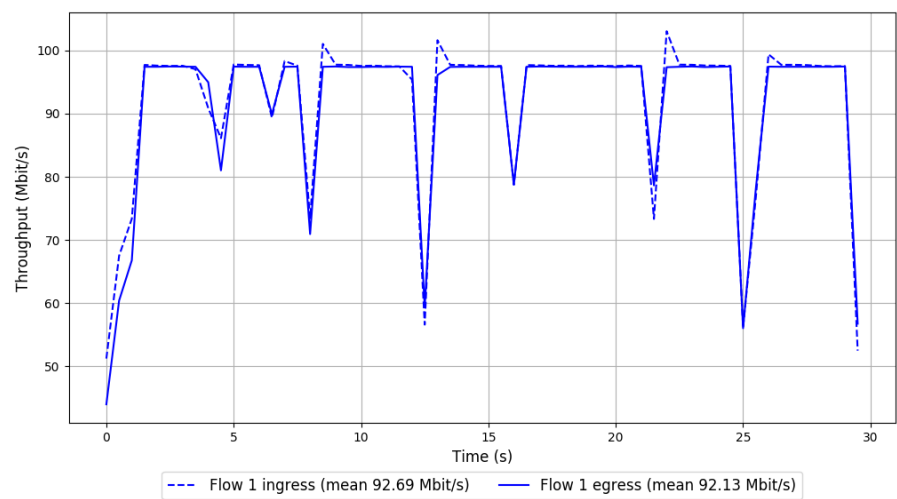


Run 6: Statistics of QUIC Cubic

Start at: 2017-12-19 23:56:27  
End at: 2017-12-19 23:56:57  
Local clock offset: 1.428 ms  
Remote clock offset: -13.159 ms

# Below is generated by plot.py at 2017-12-20 01:44:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.13 Mbit/s  
95th percentile per-packet one-way delay: 31.032 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 92.13 Mbit/s  
95th percentile per-packet one-way delay: 31.032 ms  
Loss rate: 0.61%

Run 6: Report of QUIC Cubic — Data Link

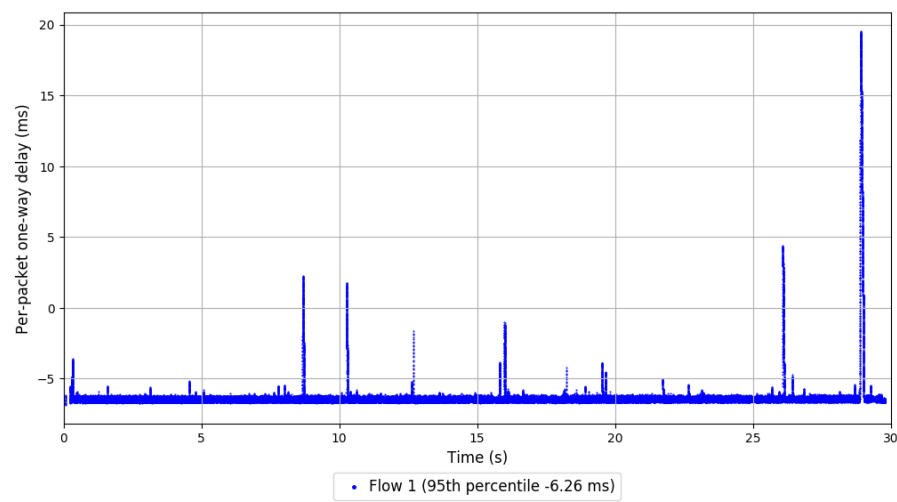
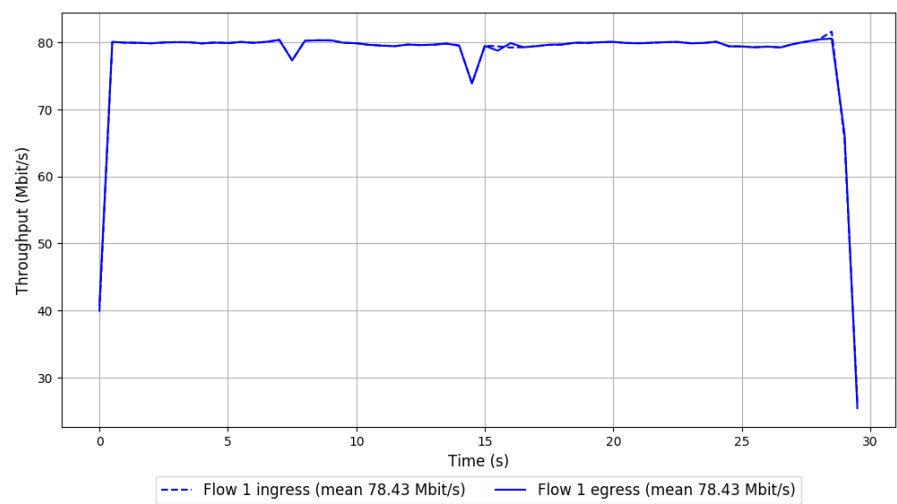


Run 7: Statistics of QUIC Cubic

Start at: 2017-12-20 00:14:02  
End at: 2017-12-20 00:14:32  
Local clock offset: 1.399 ms  
Remote clock offset: -14.653 ms

# Below is generated by plot.py at 2017-12-20 01:44:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.43 Mbit/s  
95th percentile per-packet one-way delay: -6.264 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 78.43 Mbit/s  
95th percentile per-packet one-way delay: -6.264 ms  
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

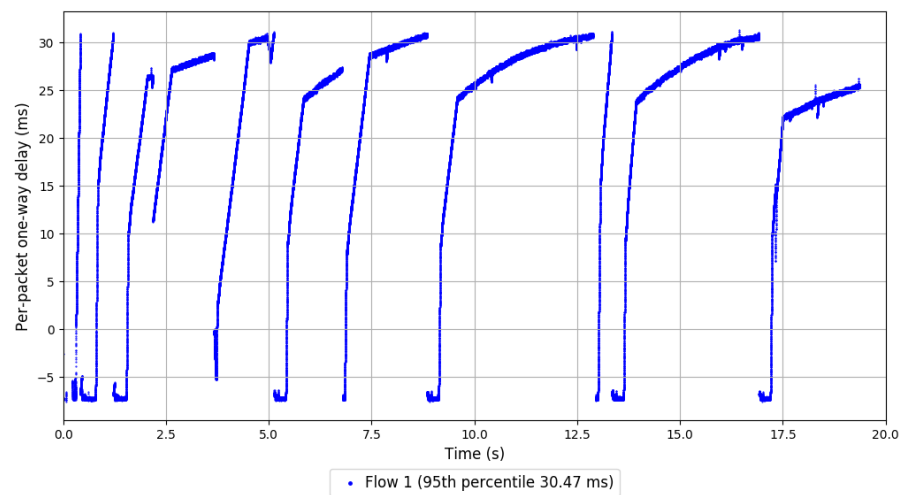
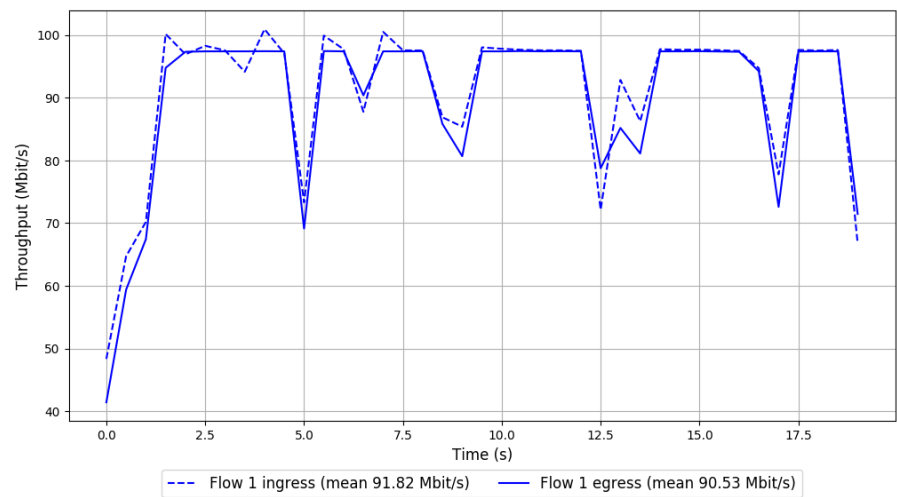
Start at: 2017-12-20 00:31:31

End at: 2017-12-20 00:32:01

Local clock offset: 3.463 ms

Remote clock offset: -14.2 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-12-20 00:48:58

End at: 2017-12-20 00:49:28

Local clock offset: 0.759 ms

Remote clock offset: -17.47 ms

# Below is generated by plot.py at 2017-12-20 01:44:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.79 Mbit/s

95th percentile per-packet one-way delay: -7.978 ms

Loss rate: 0.00%

-- Flow 1:

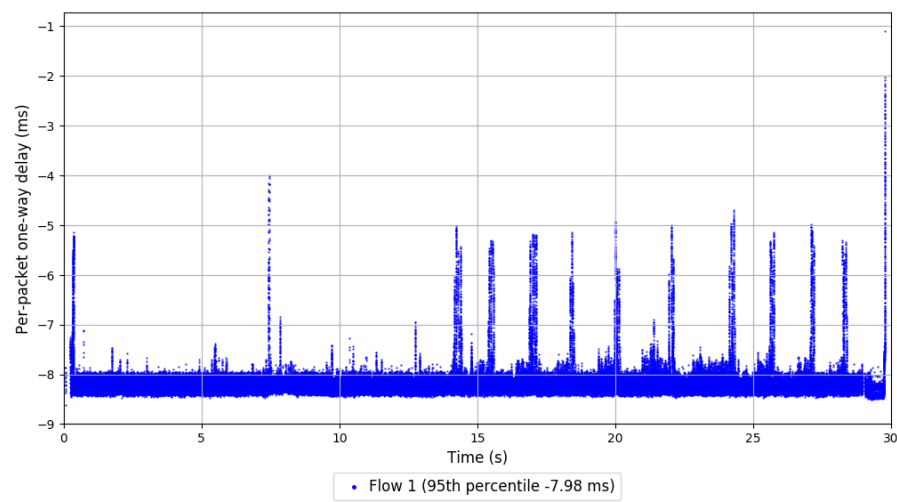
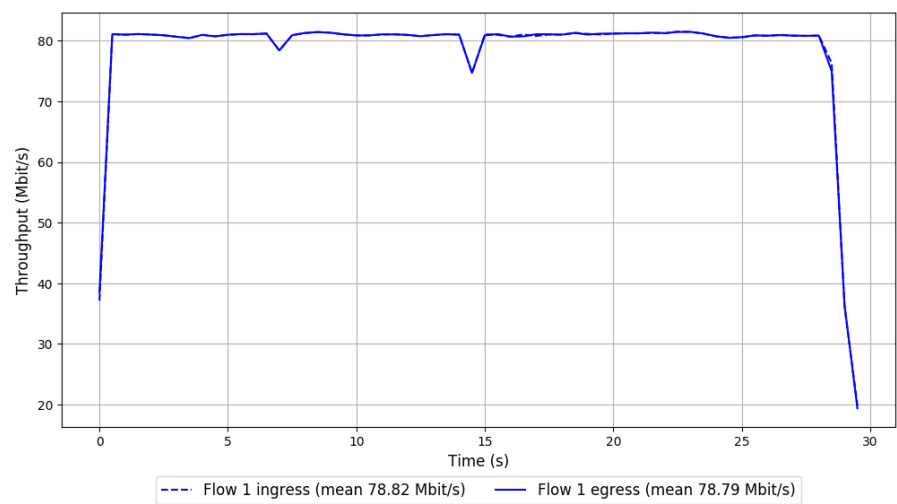
Average throughput: 78.79 Mbit/s

95th percentile per-packet one-way delay: -7.978 ms

Loss rate: 0.00%



Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-12-20 01:06:40

End at: 2017-12-20 01:07:10

Local clock offset: 1.606 ms

Remote clock offset: -14.458 ms

# Below is generated by plot.py at 2017-12-20 01:44:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.37 Mbit/s

95th percentile per-packet one-way delay: -6.500 ms

Loss rate: 0.00%

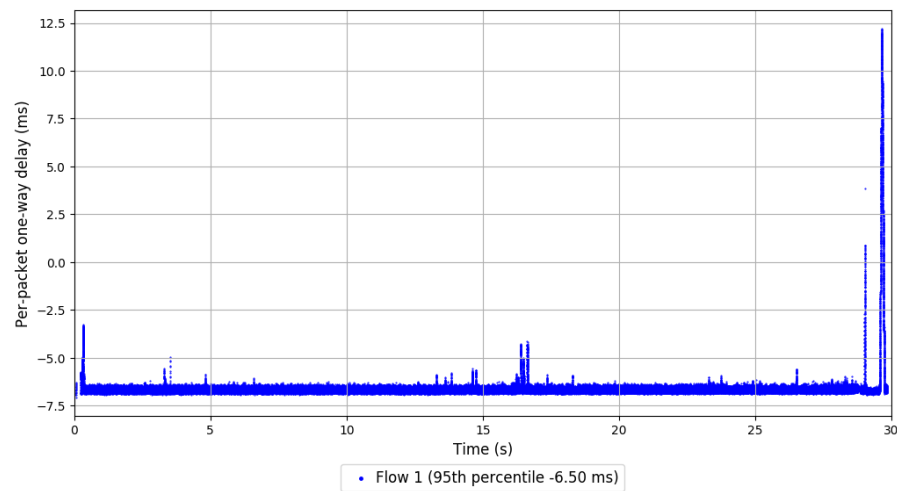
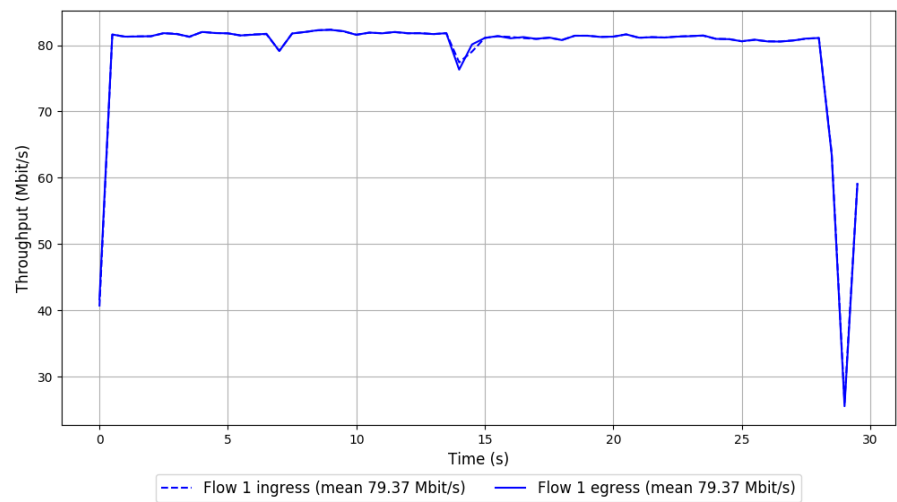
-- Flow 1:

Average throughput: 79.37 Mbit/s

95th percentile per-packet one-way delay: -6.500 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

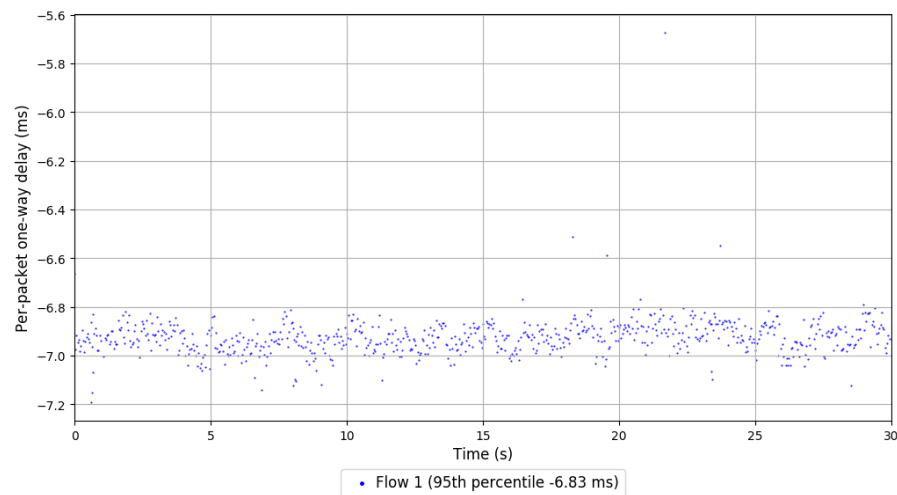
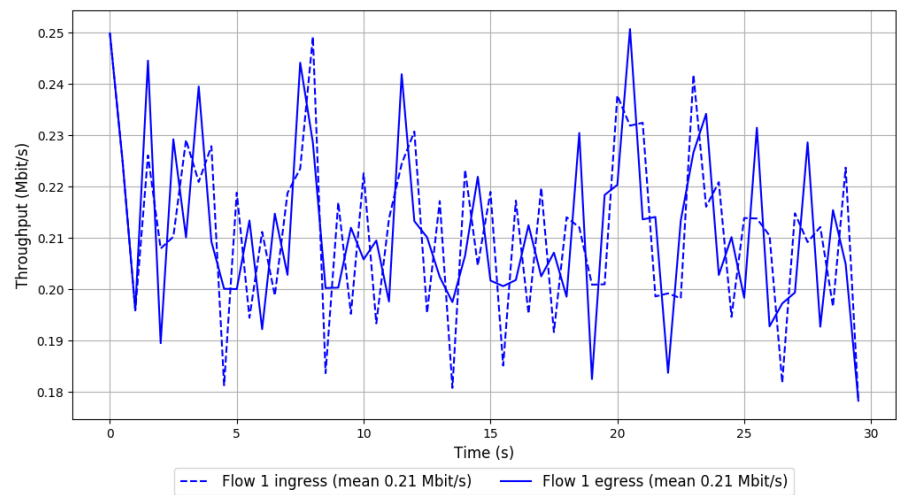


```
Run 1: Statistics of SCReAM

Start at: 2017-12-19 22:22:44
End at: 2017-12-19 22:23:14
Local clock offset: 1.526 ms
Remote clock offset: -12.393 ms

# Below is generated by plot.py at 2017-12-20 01:44:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.833 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.833 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

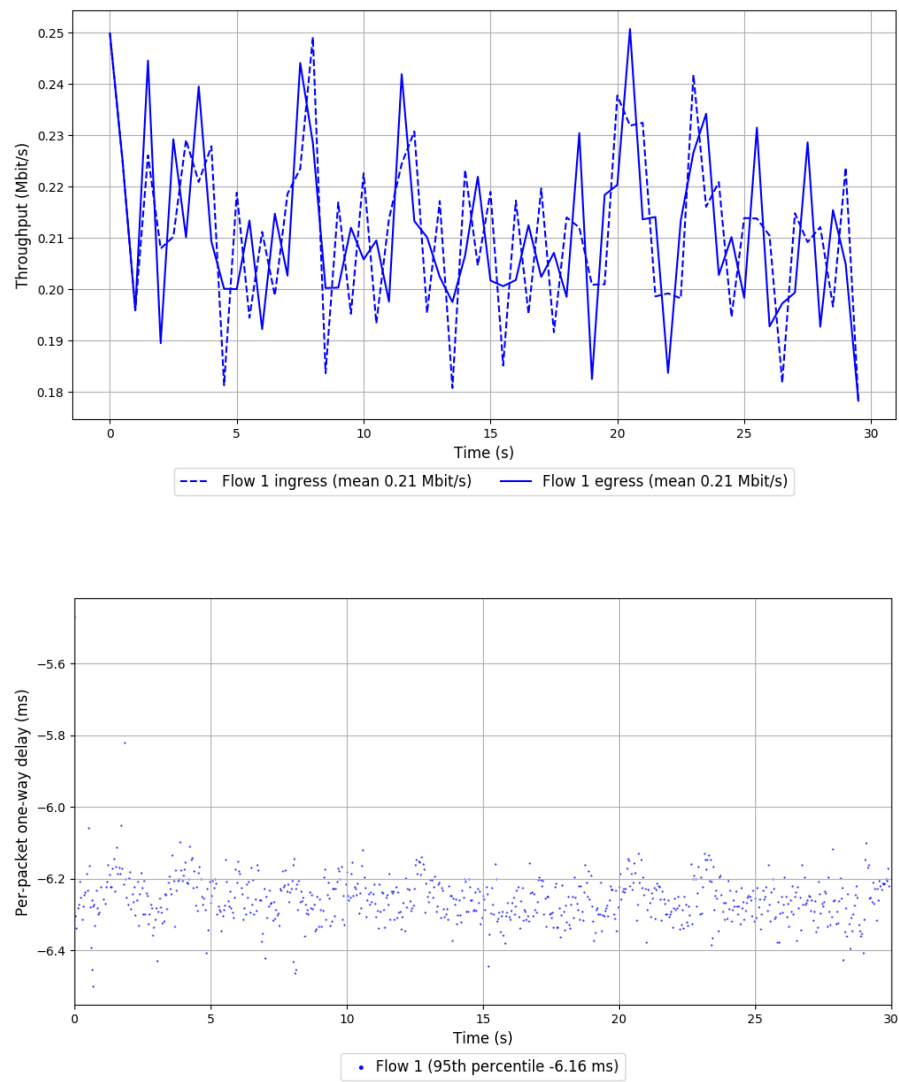


Run 2: Statistics of SCReAM

Start at: 2017-12-19 22:39:59  
End at: 2017-12-19 22:40:29  
Local clock offset: 1.668 ms  
Remote clock offset: -12.219 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -6.161 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -6.161 ms  
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



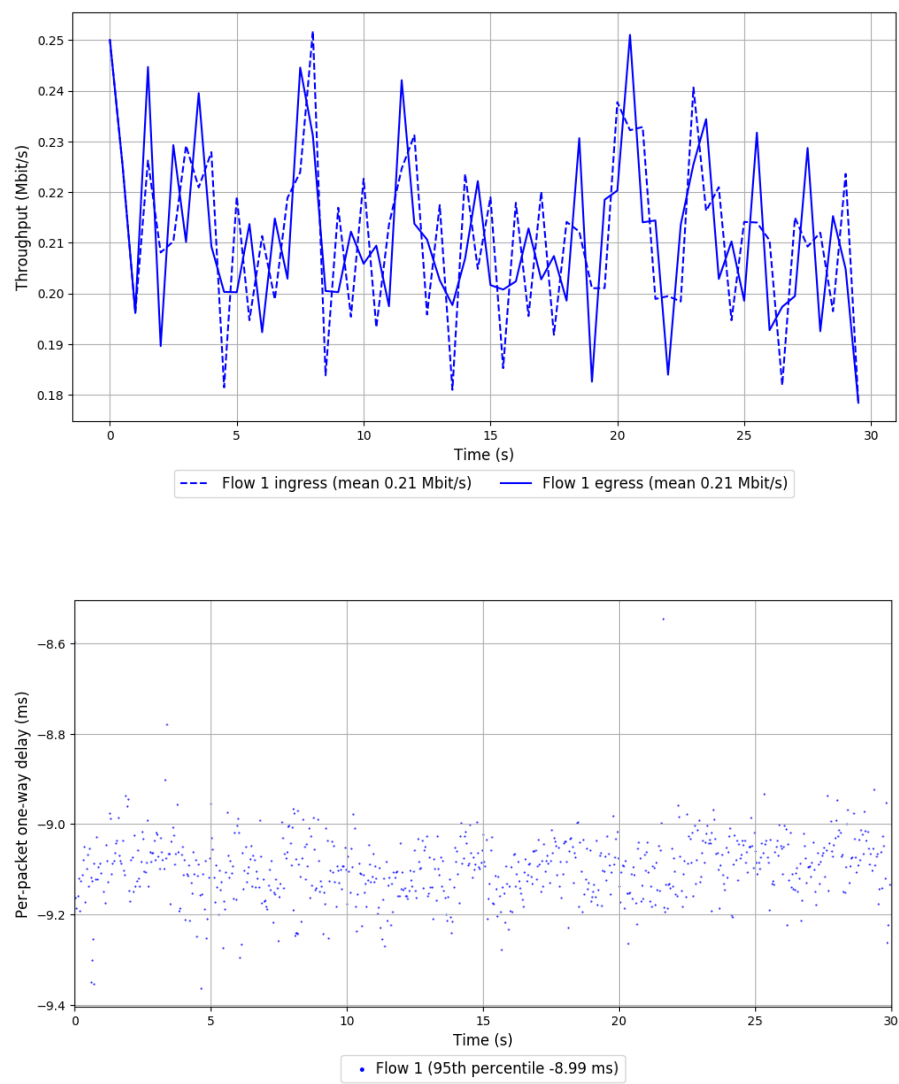
Run 3: Statistics of SCReAM

Start at: 2017-12-19 22:57:30  
End at: 2017-12-19 22:58:00  
Local clock offset: 2.645 ms  
Remote clock offset: -13.39 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -8.991 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -8.991 ms  
Loss rate: 0.00%



Run 3: Report of SReAM — Data Link

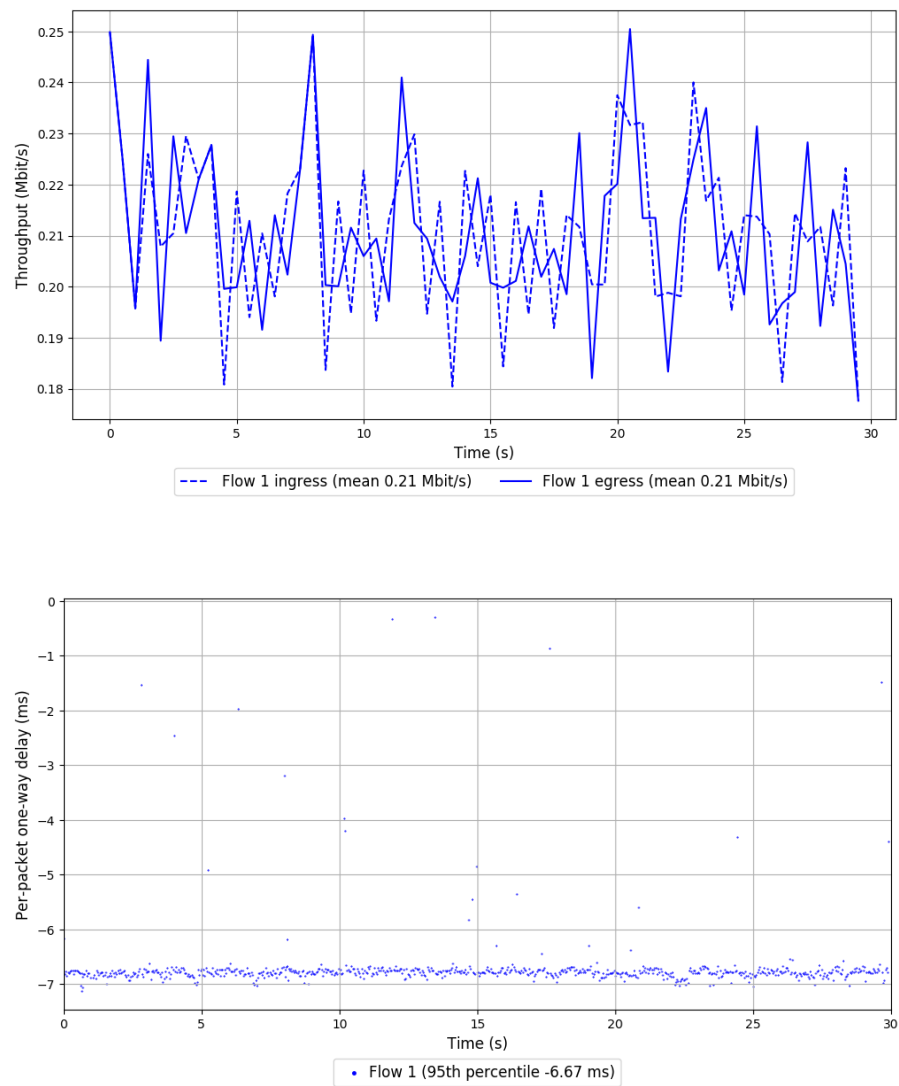


Run 4: Statistics of SCReAM

Start at: 2017-12-19 23:14:58  
End at: 2017-12-19 23:15:28  
Local clock offset: 1.758 ms  
Remote clock offset: -13.397 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -6.668 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -6.668 ms  
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

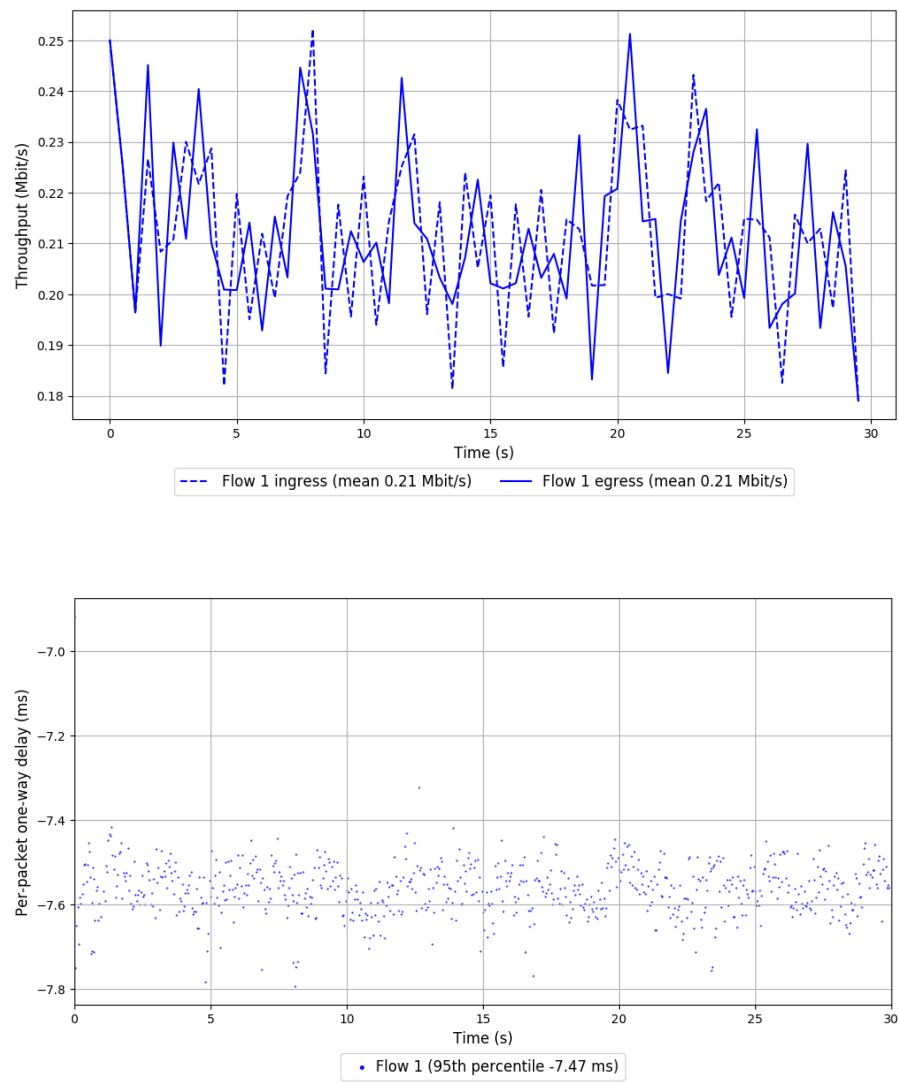


Run 5: Statistics of SCReAM

Start at: 2017-12-19 23:32:14  
End at: 2017-12-19 23:32:44  
Local clock offset: 2.868 ms  
Remote clock offset: -12.453 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -7.474 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -7.474 ms  
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

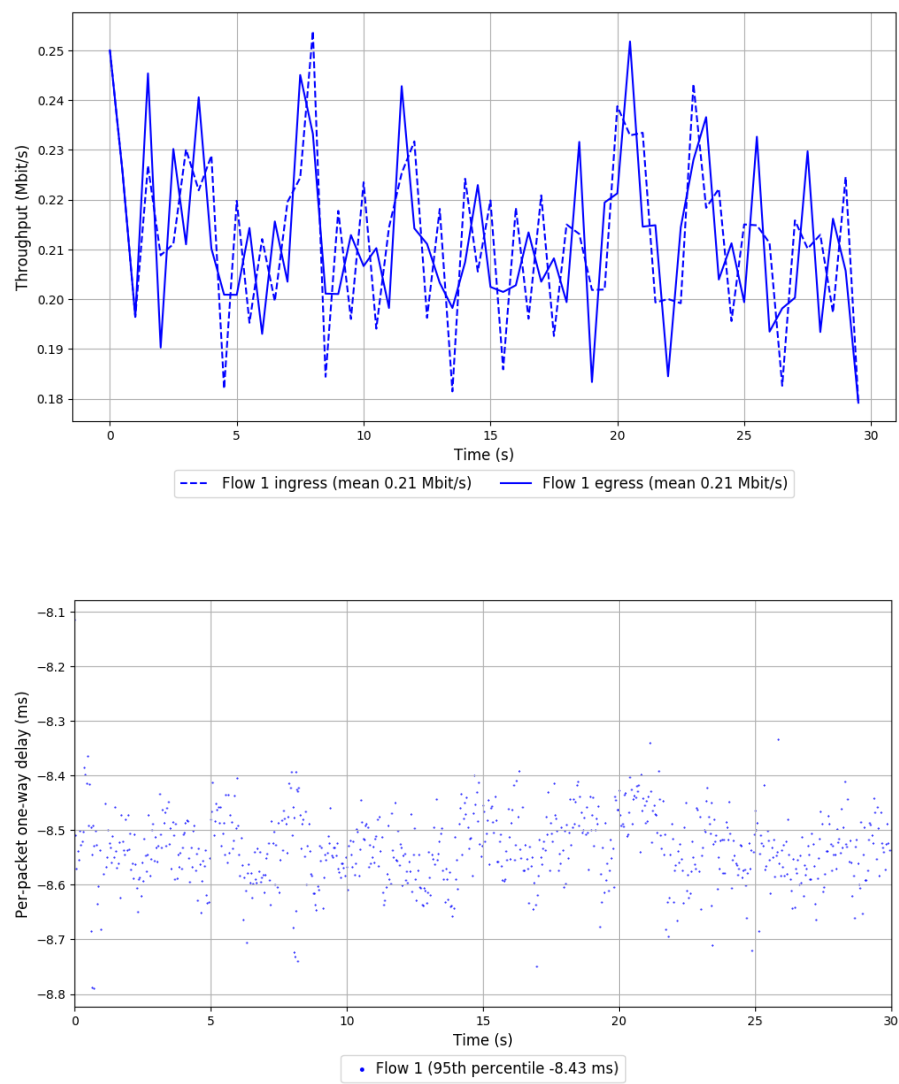


Run 6: Statistics of SCReAM

Start at: 2017-12-19 23:49:31  
End at: 2017-12-19 23:50:01  
Local clock offset: 3.485 ms  
Remote clock offset: -13.942 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -8.431 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -8.431 ms  
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



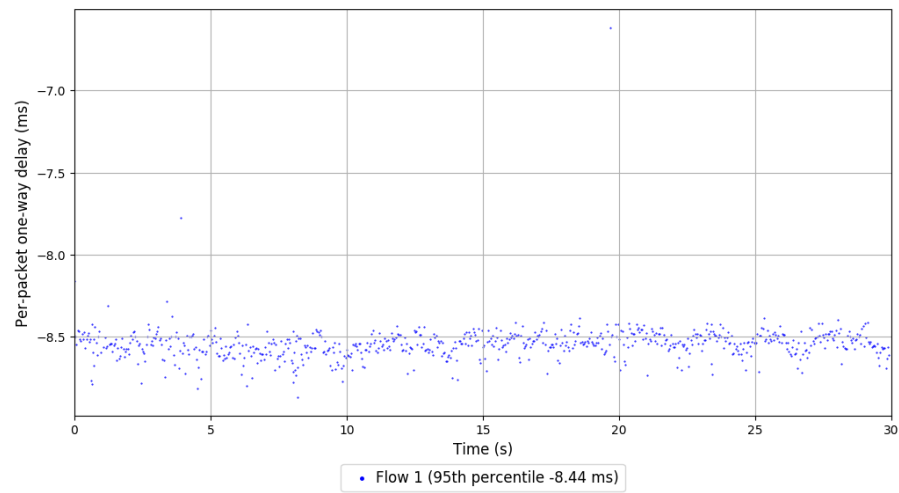
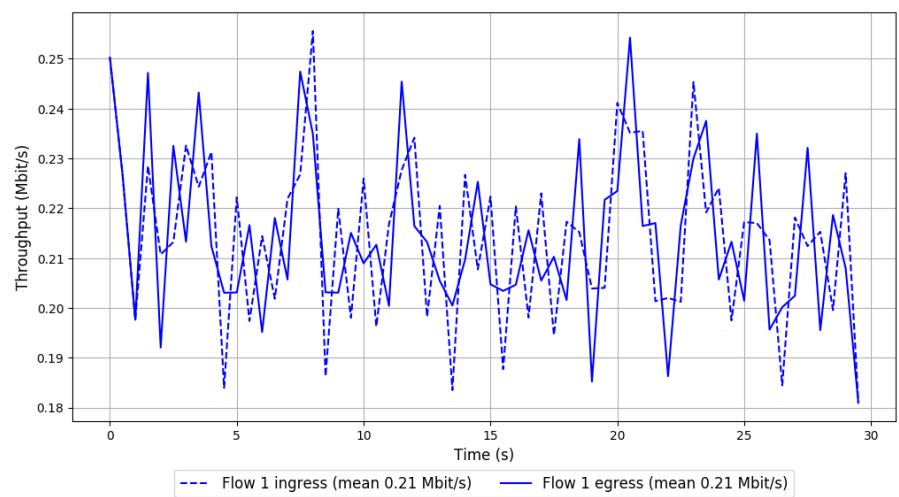
Run 7: Statistics of SCReAM

Start at: 2017-12-20 00:07:05  
End at: 2017-12-20 00:07:35  
Local clock offset: 3.995 ms  
Remote clock offset: -13.471 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -8.444 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -8.444 ms  
Loss rate: 0.00%



Run 7: Report of SReAM — Data Link

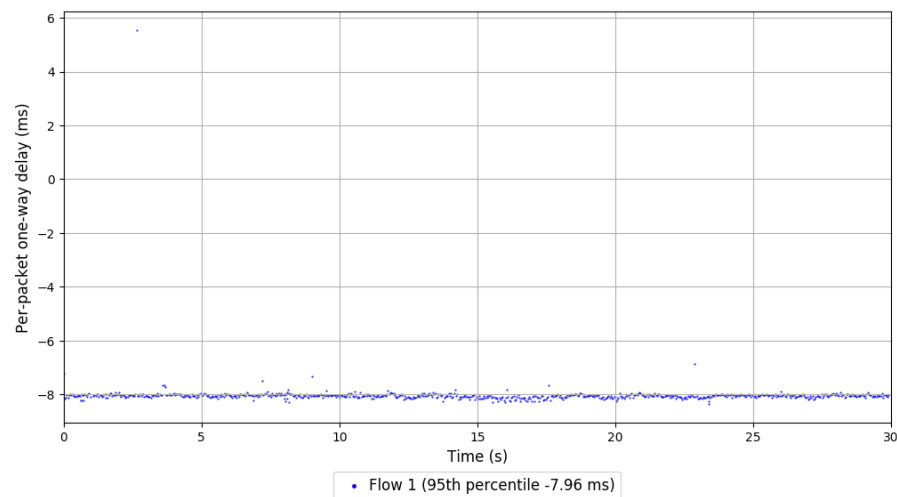
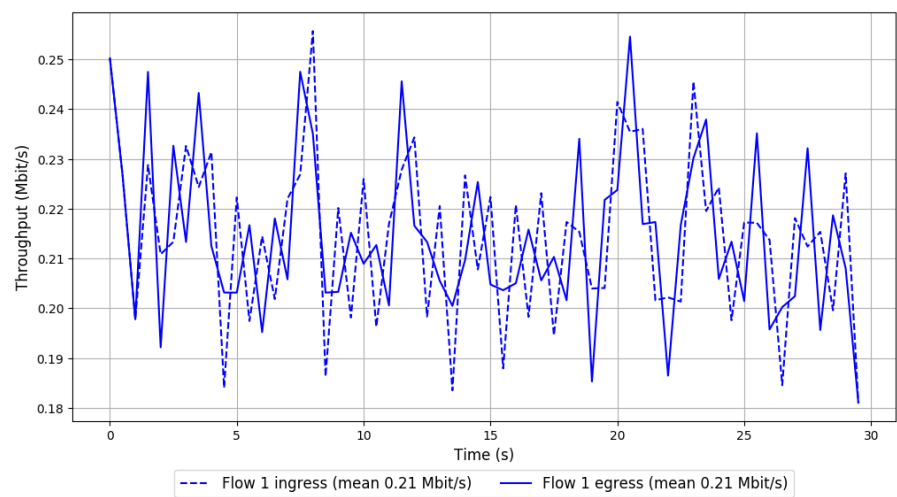


Run 8: Statistics of SCReAM

Start at: 2017-12-20 00:24:33  
End at: 2017-12-20 00:25:03  
Local clock offset: 2.733 ms  
Remote clock offset: -14.902 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -7.962 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -7.962 ms  
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

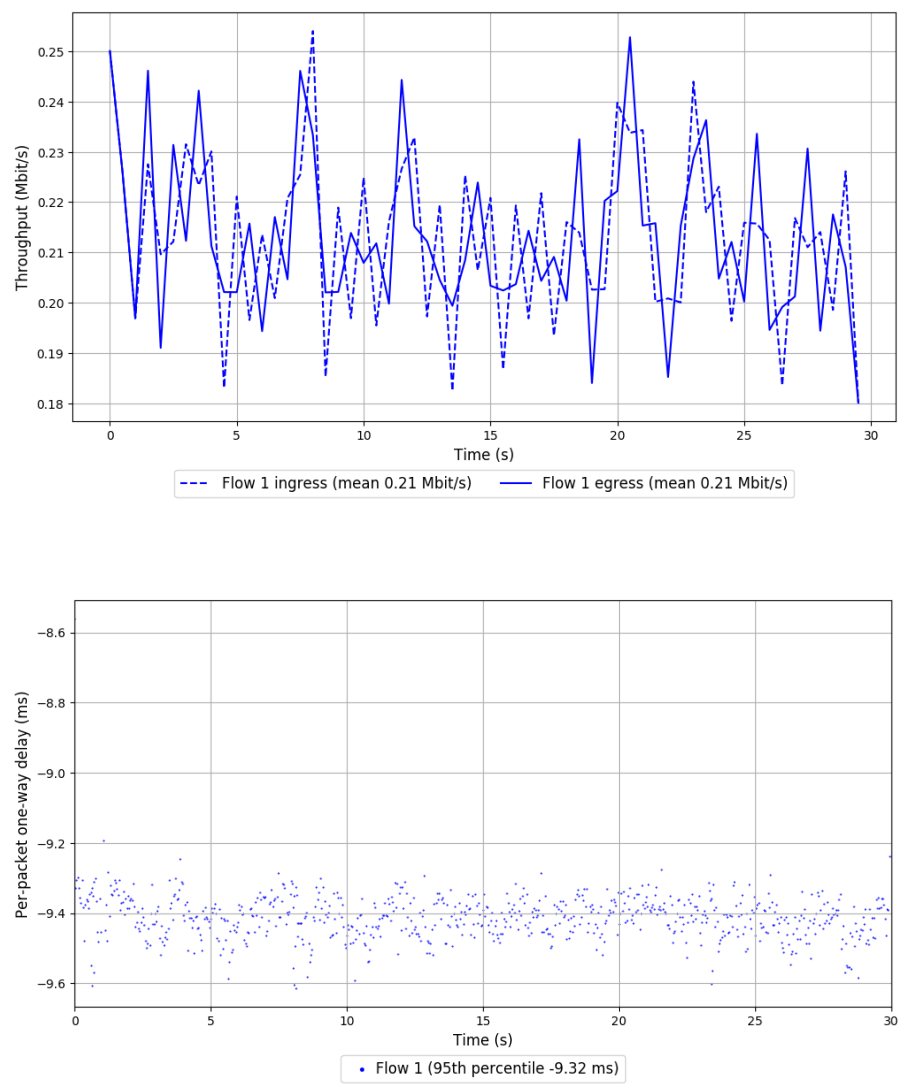


Run 9: Statistics of SReAM

Start at: 2017-12-20 00:42:05  
End at: 2017-12-20 00:42:35  
Local clock offset: 5.078 ms  
Remote clock offset: -14.518 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -9.320 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -9.320 ms  
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

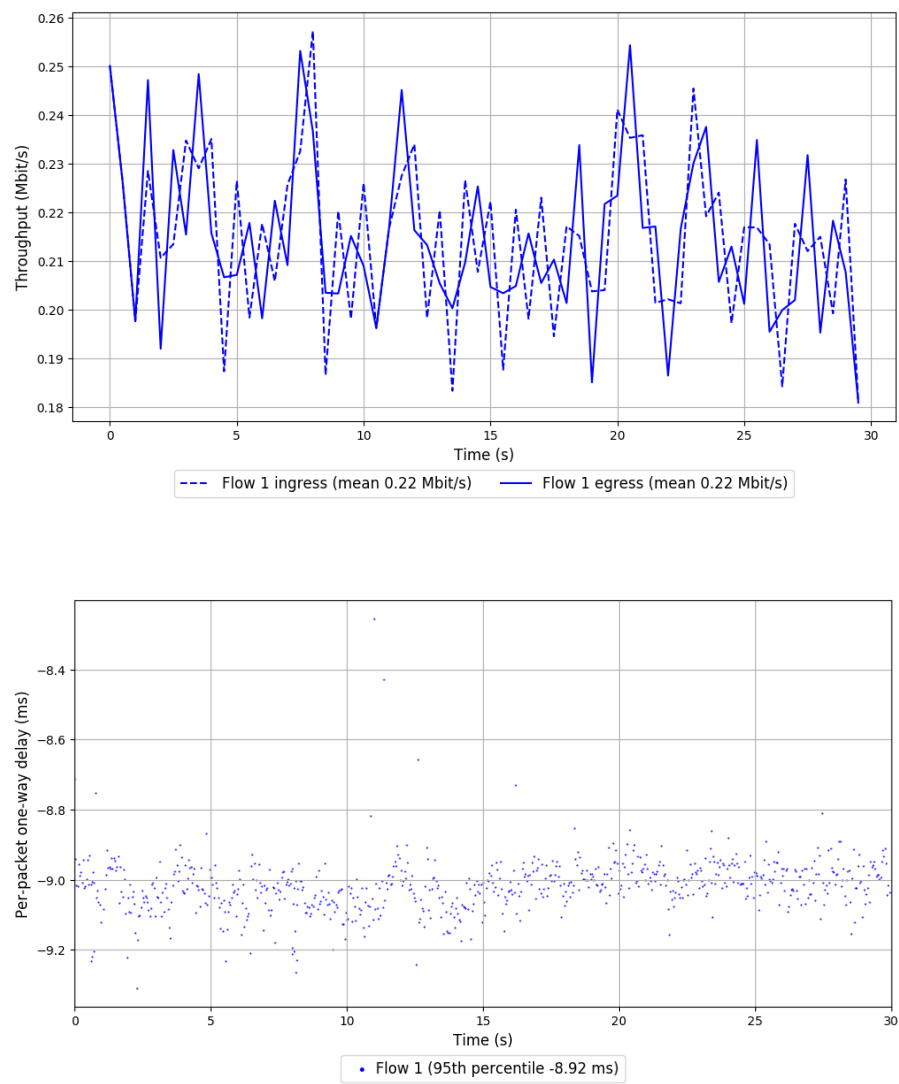


Run 10: Statistics of SCReAM

Start at: 2017-12-20 00:59:44  
End at: 2017-12-20 01:00:14  
Local clock offset: 4.001 ms  
Remote clock offset: -13.942 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -8.920 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -8.920 ms  
Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link



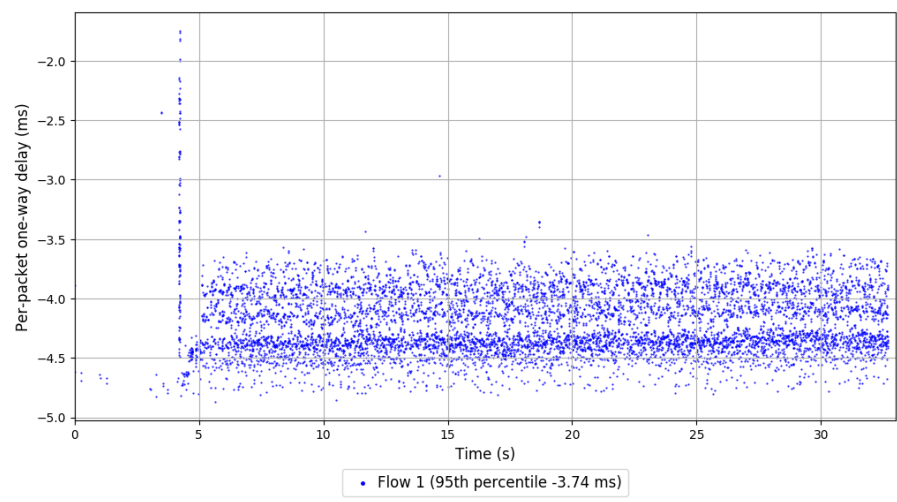
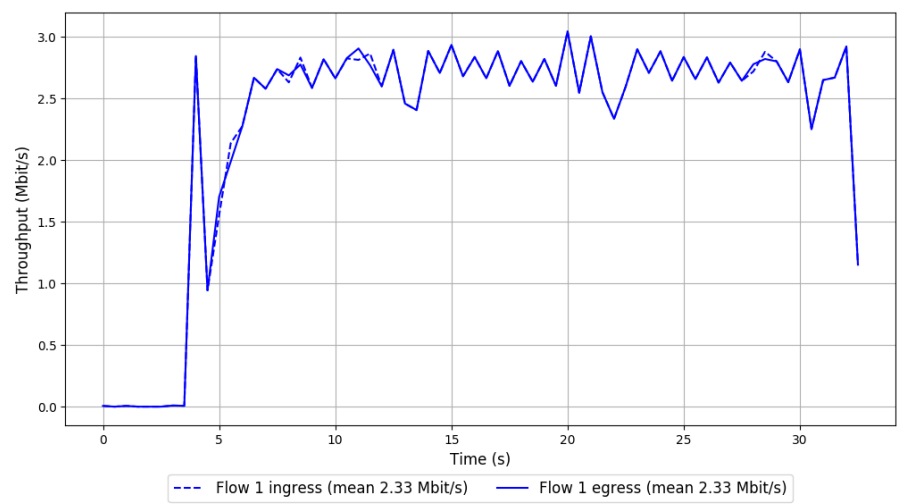
```
Run 1: Statistics of WebRTC media

Start at: 2017-12-19 22:25:02
End at: 2017-12-19 22:25:32
Local clock offset: -1.29 ms
Remote clock offset: -13.016 ms

# Below is generated by plot.py at 2017-12-20 01:44:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -3.738 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -3.738 ms
Loss rate: 0.00%
```



Run 1: Report of WebRTC media — Data Link

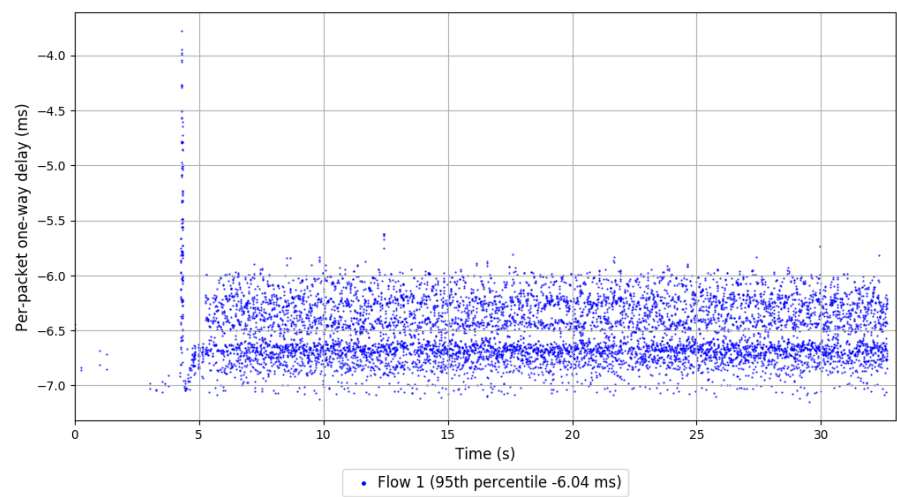
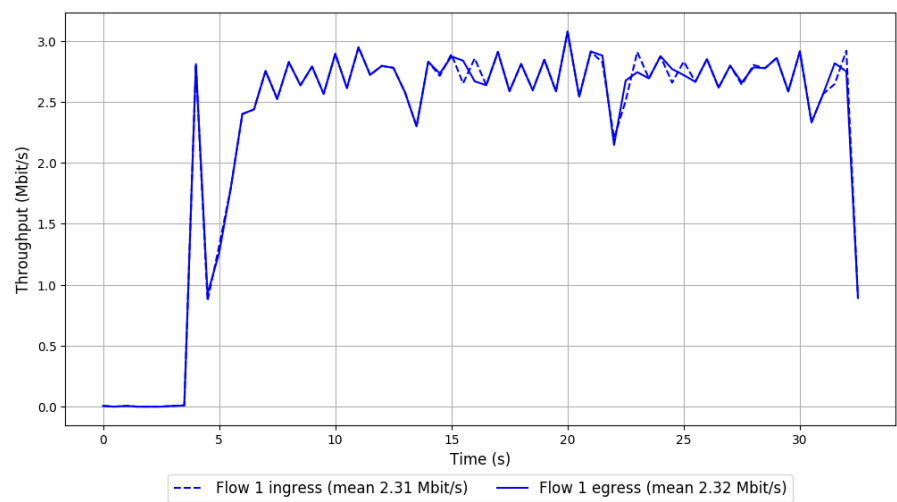


Run 2: Statistics of WebRTC media

Start at: 2017-12-19 22:42:16  
End at: 2017-12-19 22:42:46  
Local clock offset: 1.779 ms  
Remote clock offset: -12.622 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -6.045 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -6.045 ms  
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

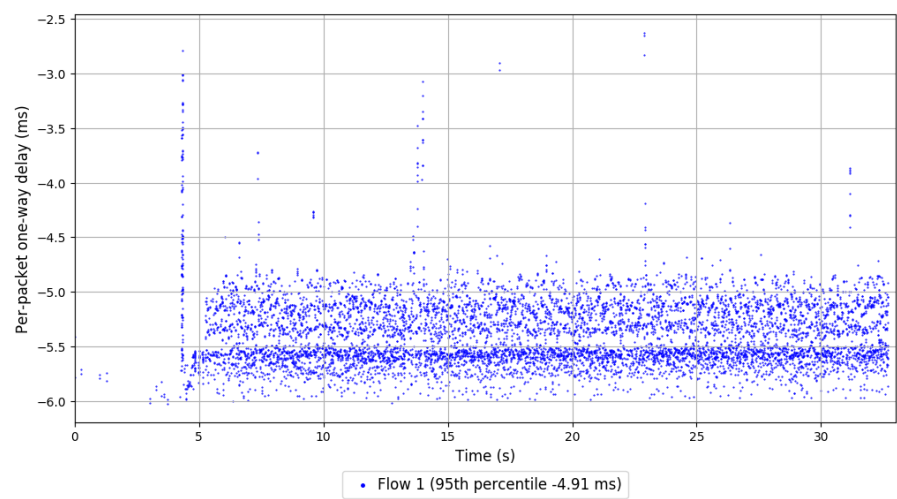
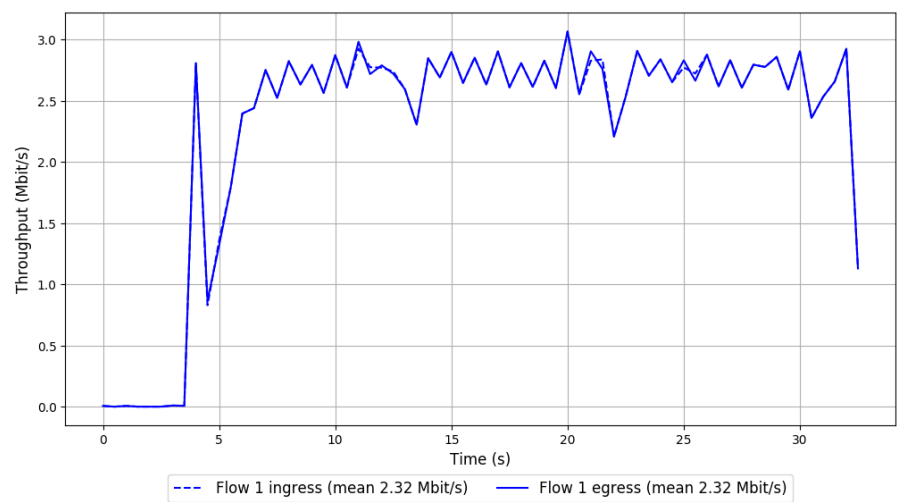


Run 3: Statistics of WebRTC media

Start at: 2017-12-19 22:59:48  
End at: 2017-12-19 23:00:18  
Local clock offset: 0.549 ms  
Remote clock offset: -11.942 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -4.911 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -4.911 ms  
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

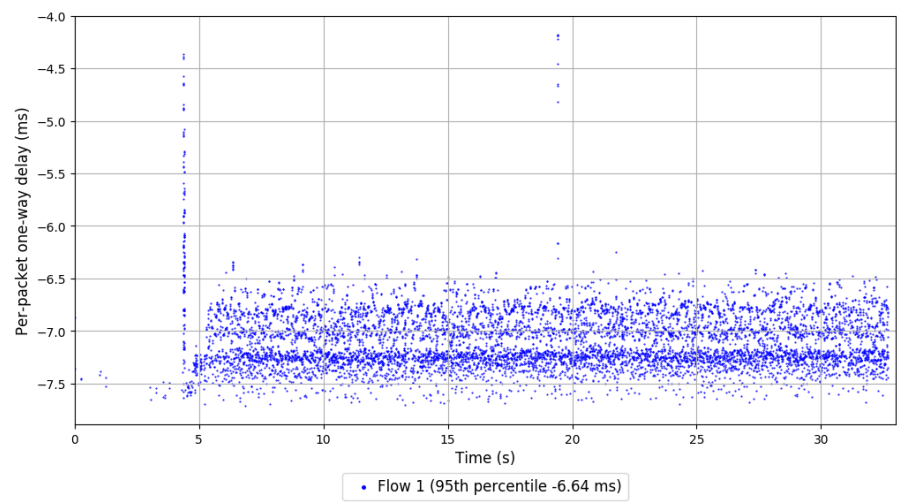
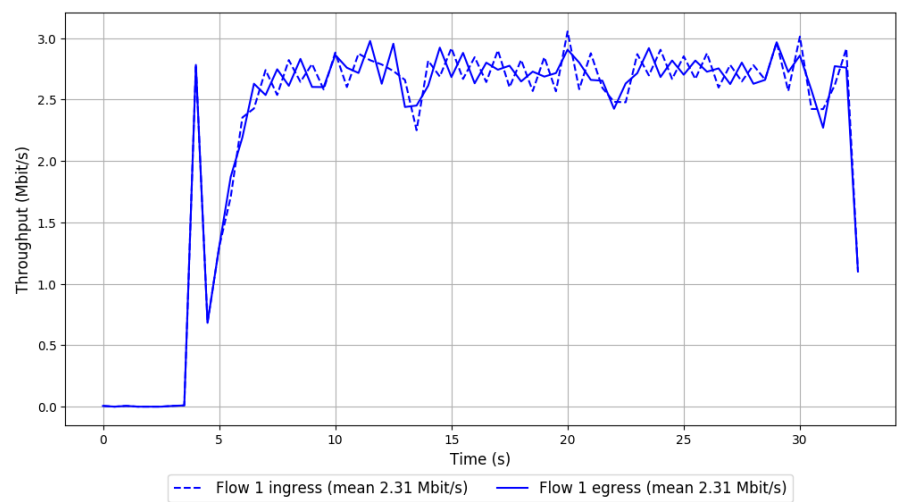


Run 4: Statistics of WebRTC media

Start at: 2017-12-19 23:17:15  
End at: 2017-12-19 23:17:45  
Local clock offset: 2.037 ms  
Remote clock offset: -12.585 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: -6.644 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: -6.644 ms  
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



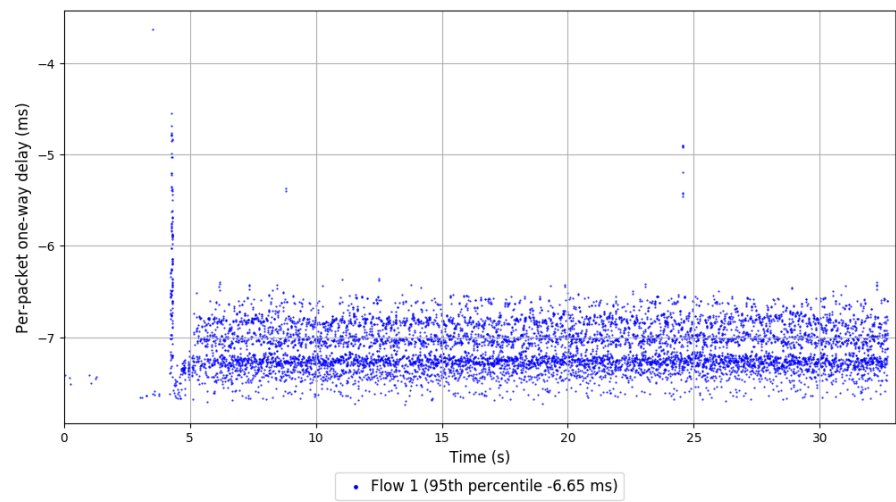
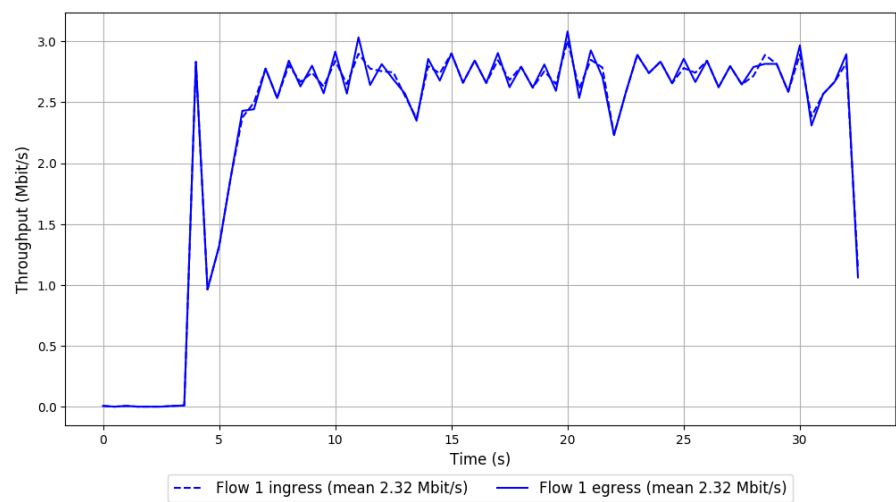
Run 5: Statistics of WebRTC media

Start at: 2017-12-19 23:34:31  
End at: 2017-12-19 23:35:01  
Local clock offset: 0.794 ms  
Remote clock offset: -15.326 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -6.652 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -6.652 ms  
Loss rate: 0.00%



Run 5: Report of WebRTC media — Data Link

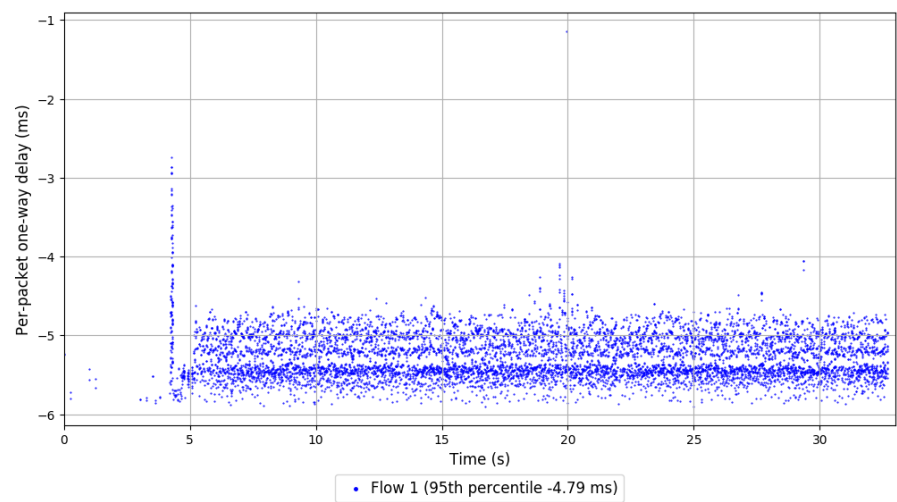
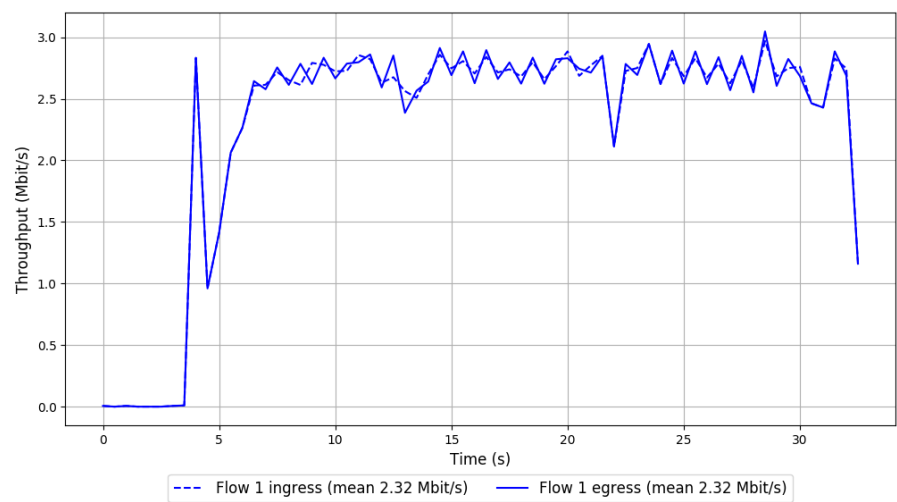


Run 6: Statistics of WebRTC media

Start at: 2017-12-19 23:51:49  
End at: 2017-12-19 23:52:19  
Local clock offset: 0.963 ms  
Remote clock offset: -13.449 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -4.789 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -4.789 ms  
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

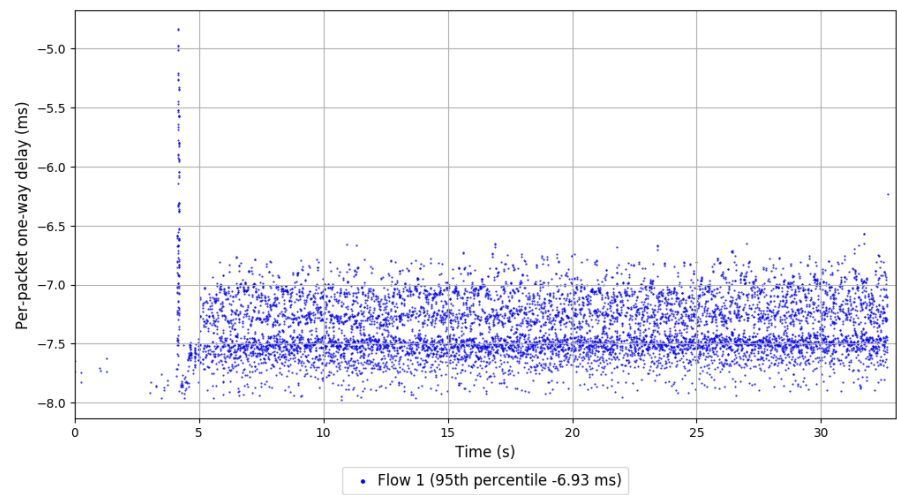
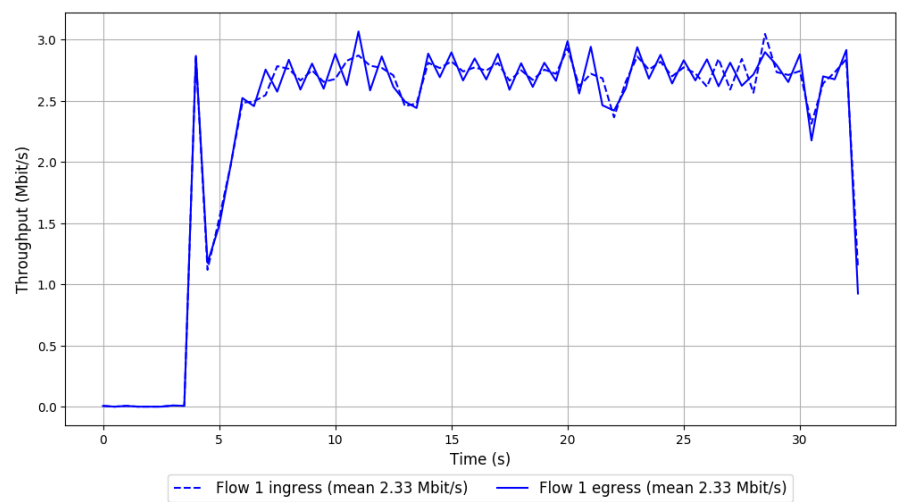


Run 7: Statistics of WebRTC media

Start at: 2017-12-20 00:09:25  
End at: 2017-12-20 00:09:56  
Local clock offset: 4.166 ms  
Remote clock offset: -13.412 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.33 Mbit/s  
95th percentile per-packet one-way delay: -6.926 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 2.33 Mbit/s  
95th percentile per-packet one-way delay: -6.926 ms  
Loss rate: 0.09%

Run 7: Report of WebRTC media — Data Link

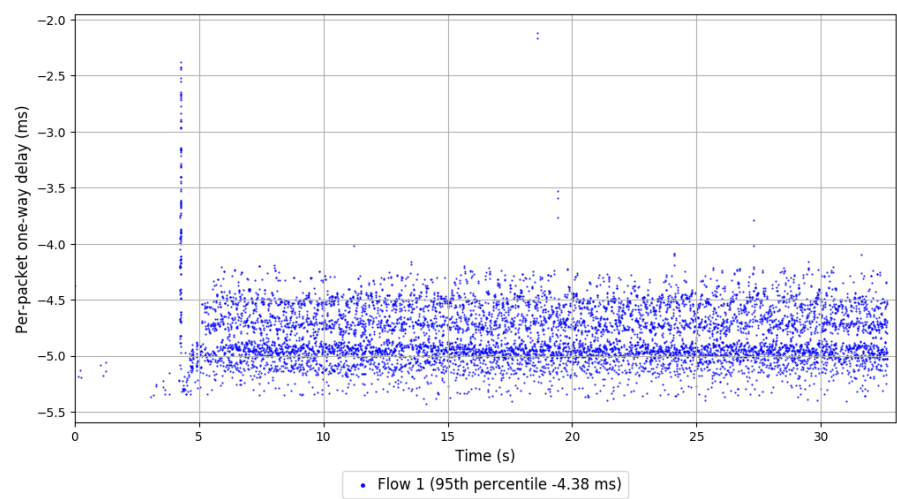
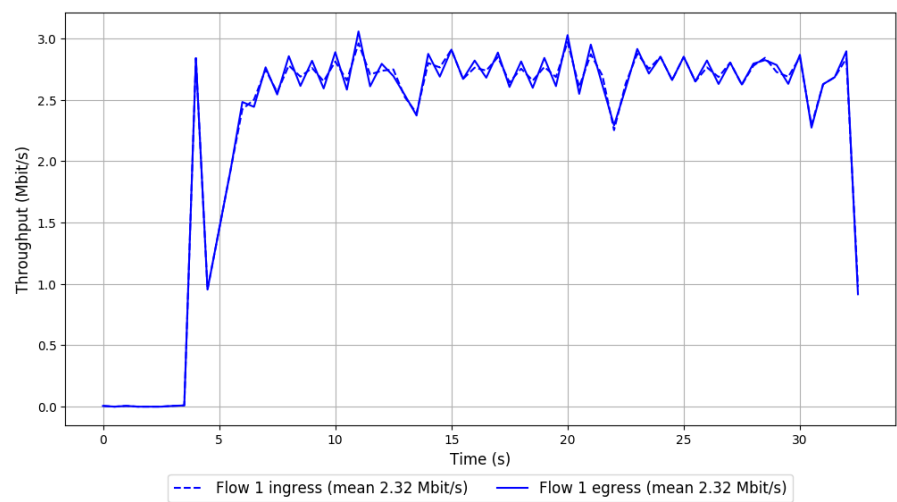


Run 8: Statistics of WebRTC media

Start at: 2017-12-20 00:26:54  
End at: 2017-12-20 00:27:24  
Local clock offset: 1.056 ms  
Remote clock offset: -13.442 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -4.384 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -4.384 ms  
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



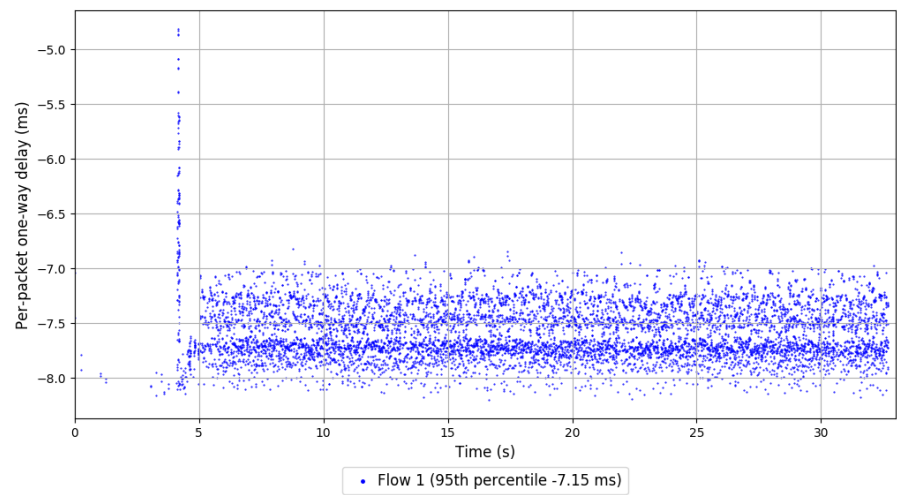
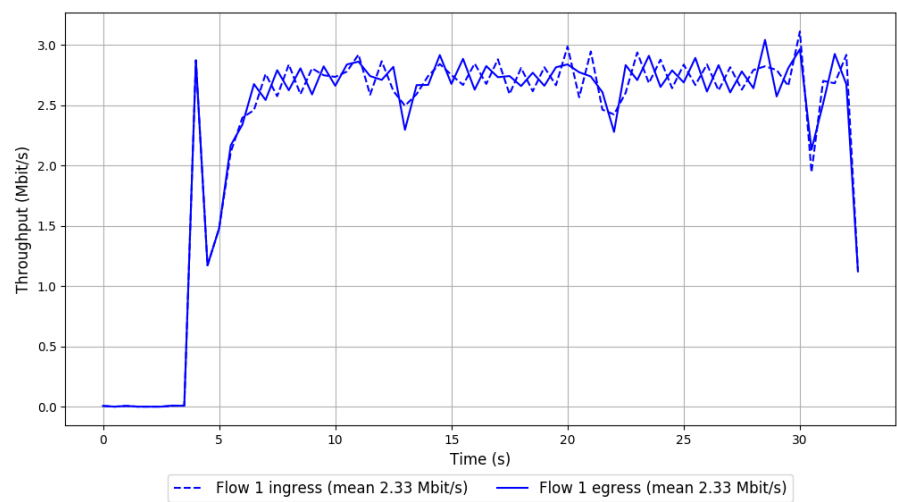
Run 9: Statistics of WebRTC media

Start at: 2017-12-20 00:44:23  
End at: 2017-12-20 00:44:53  
Local clock offset: 2.122 ms  
Remote clock offset: -14.693 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.33 Mbit/s  
95th percentile per-packet one-way delay: -7.152 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.33 Mbit/s  
95th percentile per-packet one-way delay: -7.152 ms  
Loss rate: 0.00%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-12-20 01:02:05

End at: 2017-12-20 01:02:35

Local clock offset: 4.044 ms

Remote clock offset: -15.419 ms

# Below is generated by plot.py at 2017-12-20 01:44:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: -8.772 ms

Loss rate: 0.00%

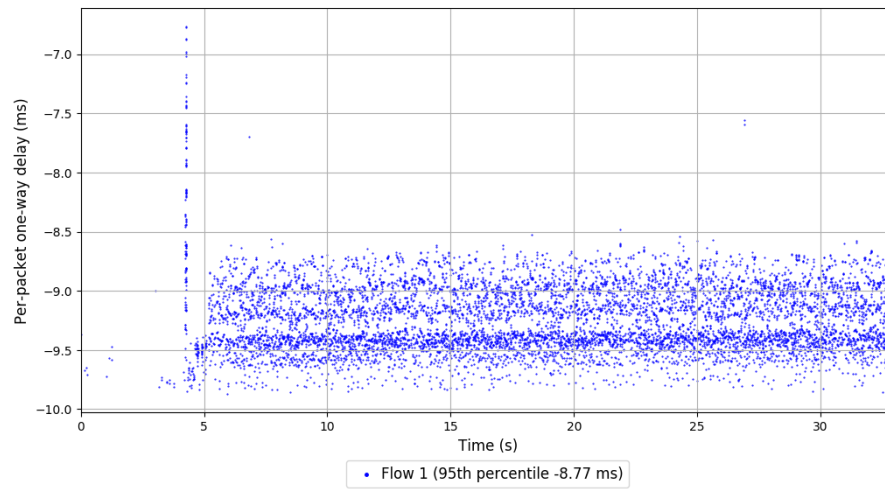
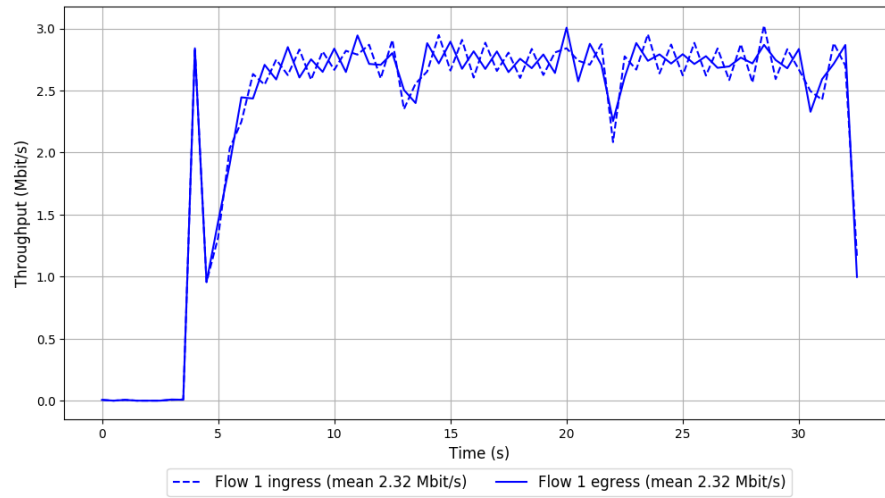
-- Flow 1:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: -8.772 ms

Loss rate: 0.00%

# Run 10: Report of WebRTC media — Data Link

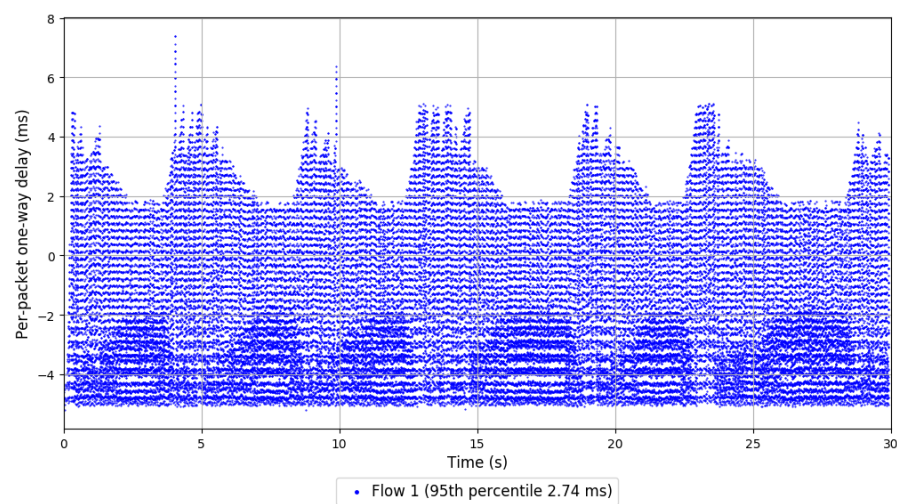
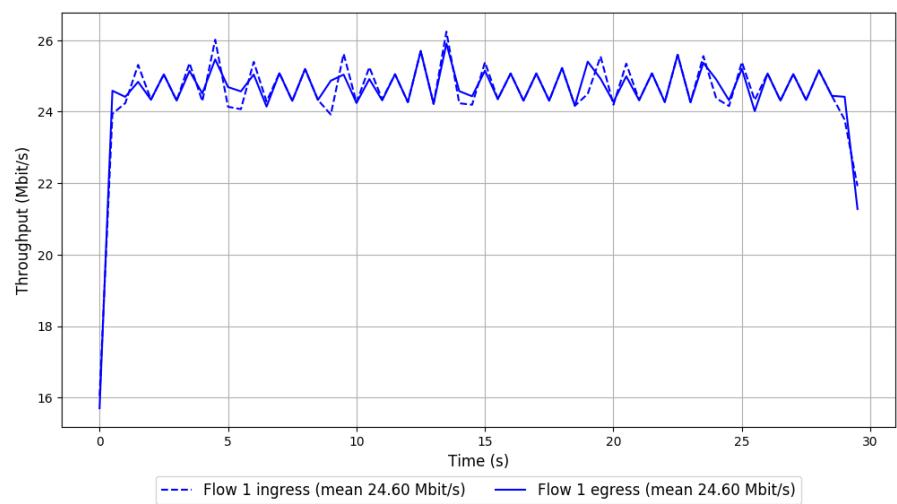


Run 1: Statistics of Sprout

Start at: 2017-12-19 22:32:57  
End at: 2017-12-19 22:33:27  
Local clock offset: -1.267 ms  
Remote clock offset: -12.813 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.60 Mbit/s  
95th percentile per-packet one-way delay: 2.744 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.60 Mbit/s  
95th percentile per-packet one-way delay: 2.744 ms  
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

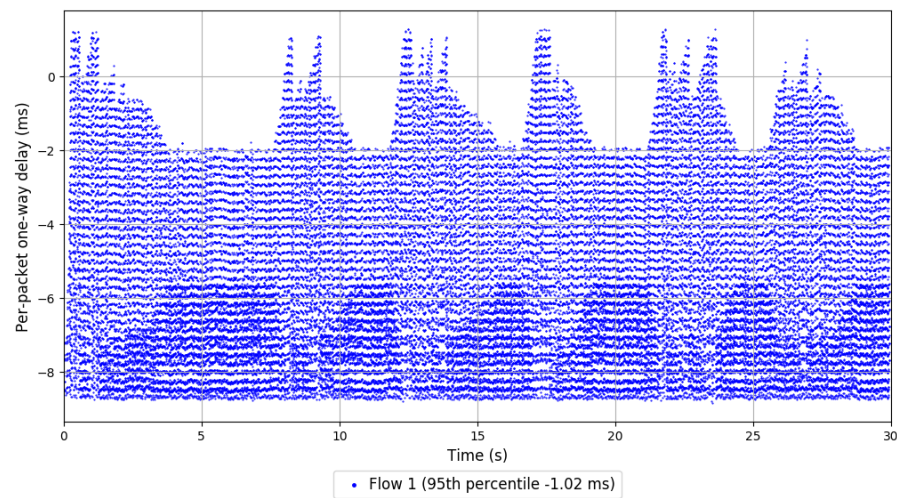
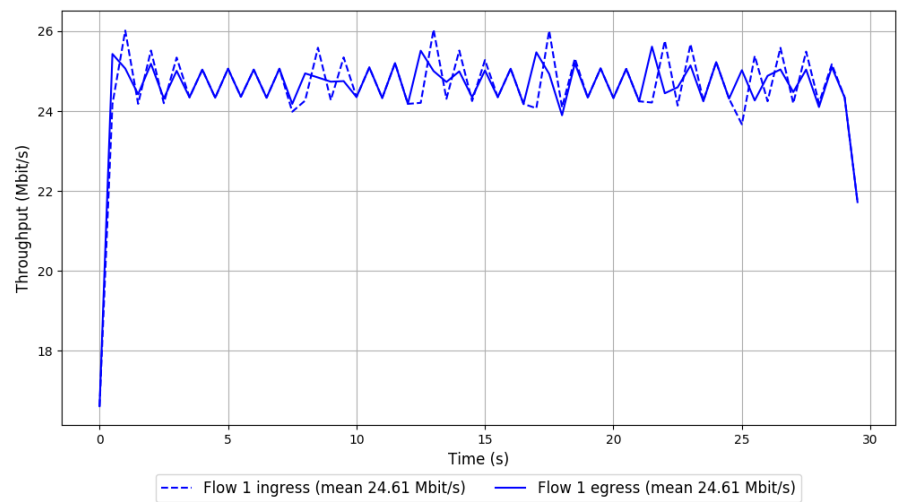


Run 2: Statistics of Sprout

Start at: 2017-12-19 22:50:21  
End at: 2017-12-19 22:50:51  
Local clock offset: 1.672 ms  
Remote clock offset: -13.783 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.61 Mbit/s  
95th percentile per-packet one-way delay: -1.022 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.61 Mbit/s  
95th percentile per-packet one-way delay: -1.022 ms  
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



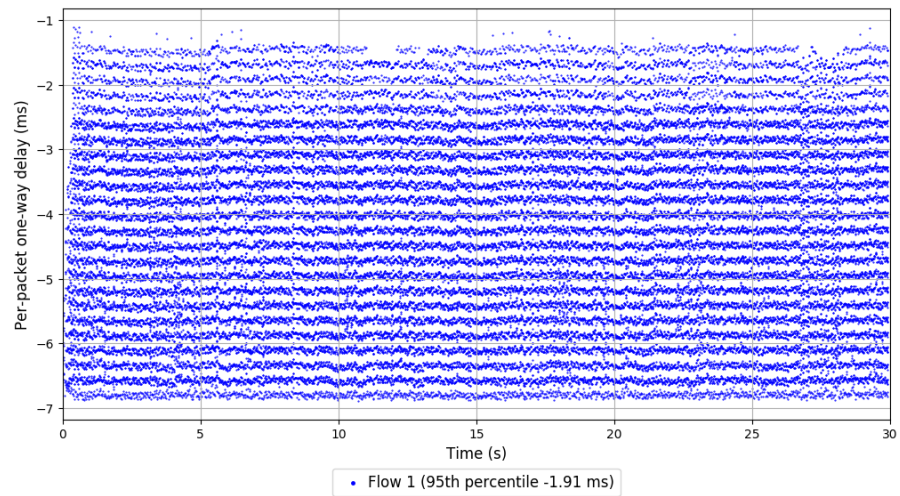
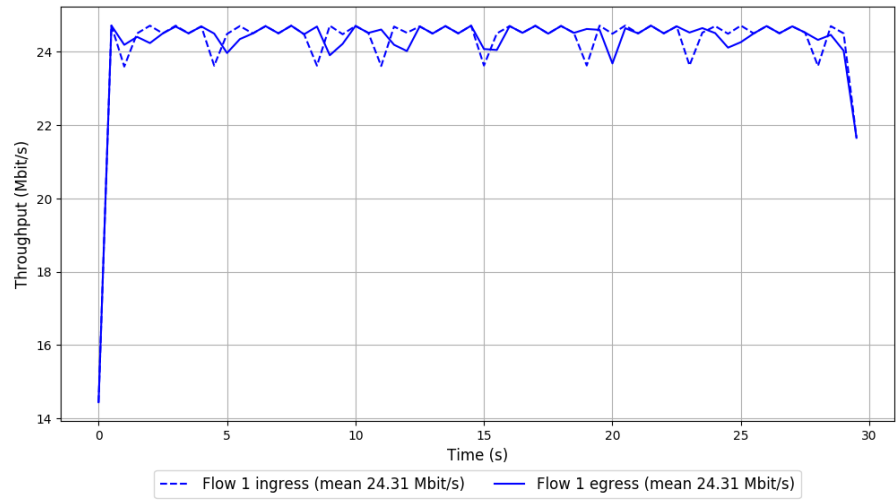
Run 3: Statistics of Sprout

Start at: 2017-12-19 23:07:54  
End at: 2017-12-19 23:08:24  
Local clock offset: 1.864 ms  
Remote clock offset: -11.988 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.31 Mbit/s  
95th percentile per-packet one-way delay: -1.907 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.31 Mbit/s  
95th percentile per-packet one-way delay: -1.907 ms  
Loss rate: 0.00%



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

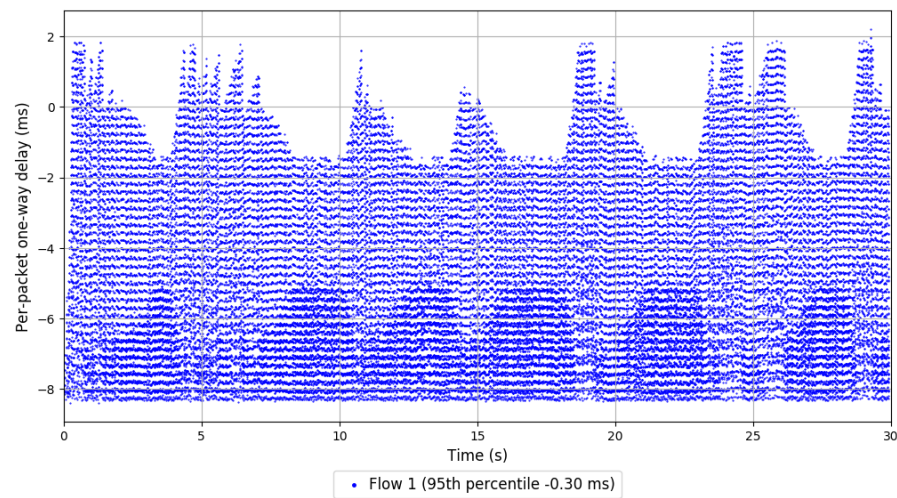
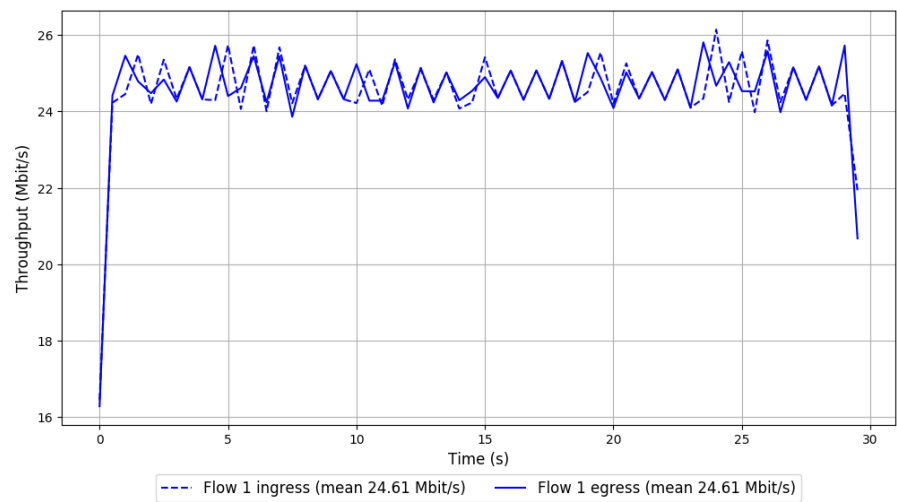


Run 4: Statistics of Sprout

Start at: 2017-12-19 23:25:17  
End at: 2017-12-19 23:25:47  
Local clock offset: 3.641 ms  
Remote clock offset: -13.179 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.61 Mbit/s  
95th percentile per-packet one-way delay: -0.303 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.61 Mbit/s  
95th percentile per-packet one-way delay: -0.303 ms  
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

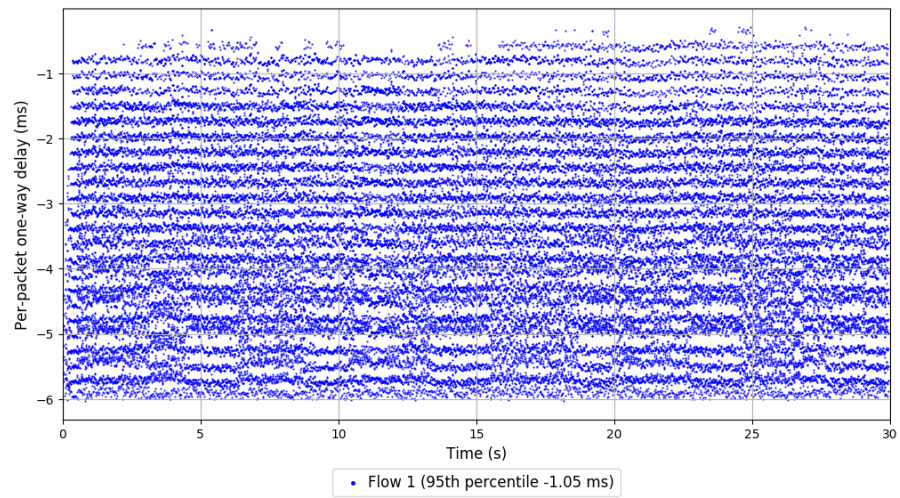
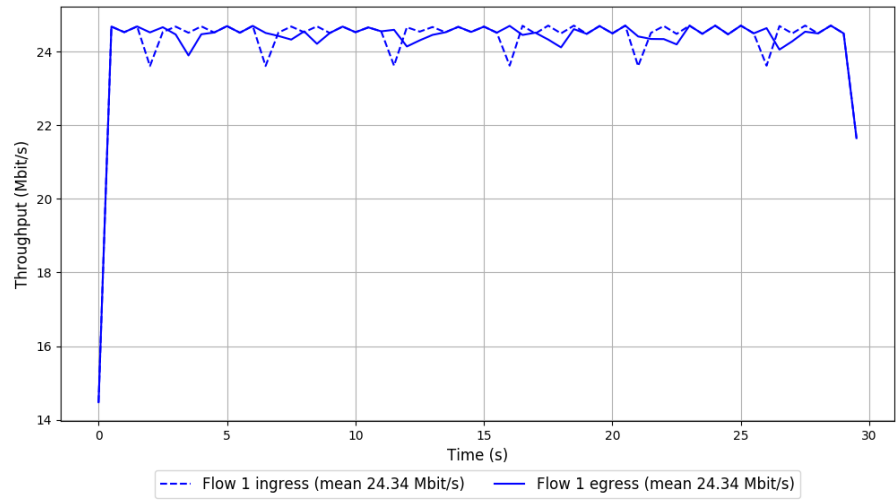


Run 5: Statistics of Sprout

Start at: 2017-12-19 23:42:30  
End at: 2017-12-19 23:43:00  
Local clock offset: 2.245 ms  
Remote clock offset: -12.544 ms

# Below is generated by plot.py at 2017-12-20 01:44:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.34 Mbit/s  
95th percentile per-packet one-way delay: -1.054 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.34 Mbit/s  
95th percentile per-packet one-way delay: -1.054 ms  
Loss rate: 0.00%

## Run 5: Report of Sprout — Data Link

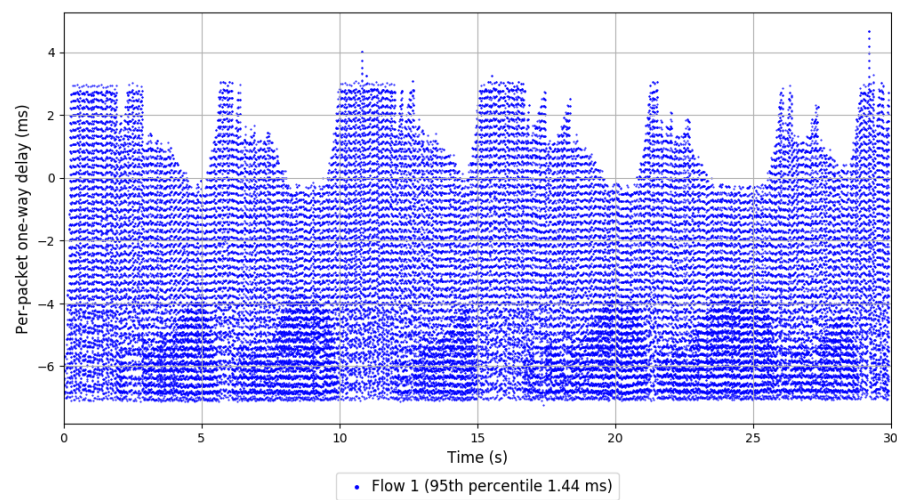
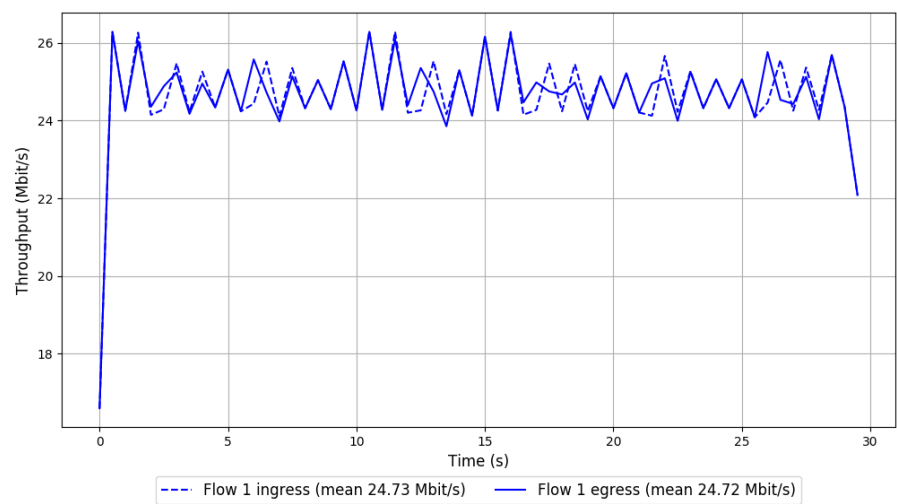


Run 6: Statistics of Sprout

Start at: 2017-12-19 23:59:57  
End at: 2017-12-20 00:00:27  
Local clock offset: 2.39 ms  
Remote clock offset: -13.585 ms

# Below is generated by plot.py at 2017-12-20 01:44:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.72 Mbit/s  
95th percentile per-packet one-way delay: 1.436 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.72 Mbit/s  
95th percentile per-packet one-way delay: 1.436 ms  
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



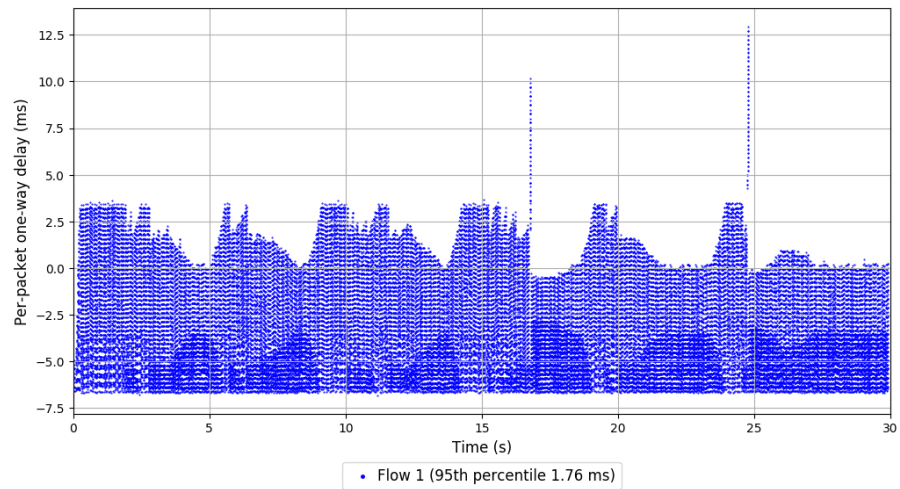
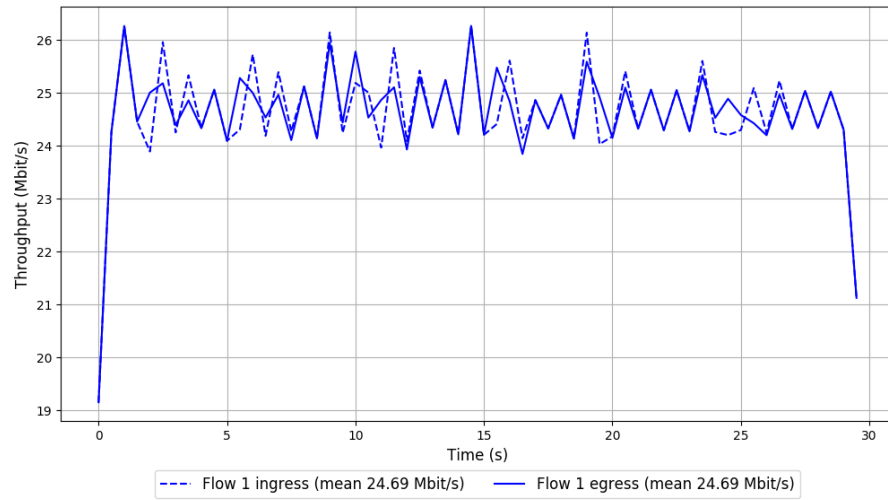
Run 7: Statistics of Sprout

Start at: 2017-12-20 00:17:36  
End at: 2017-12-20 00:18:06  
Local clock offset: 3.357 ms  
Remote clock offset: -13.888 ms

# Below is generated by plot.py at 2017-12-20 01:45:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.69 Mbit/s  
95th percentile per-packet one-way delay: 1.759 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.69 Mbit/s  
95th percentile per-packet one-way delay: 1.759 ms  
Loss rate: 0.00%



### Run 7: Report of Sprout — Data Link

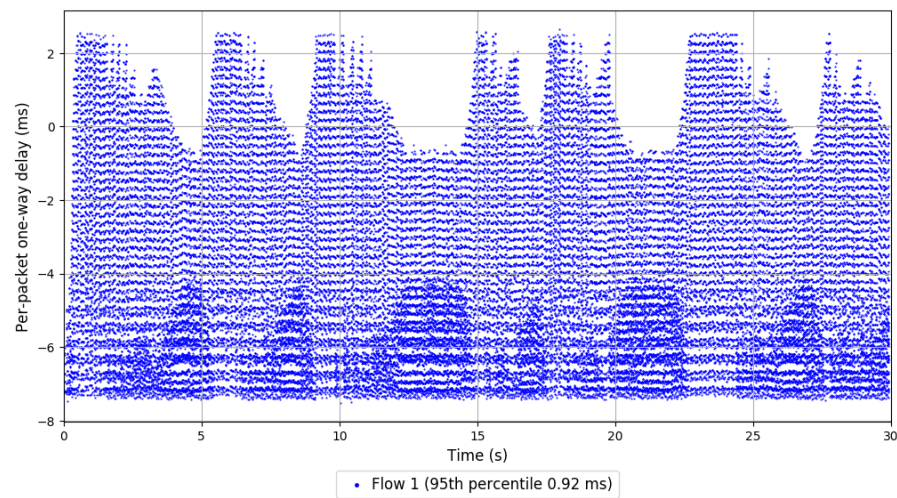
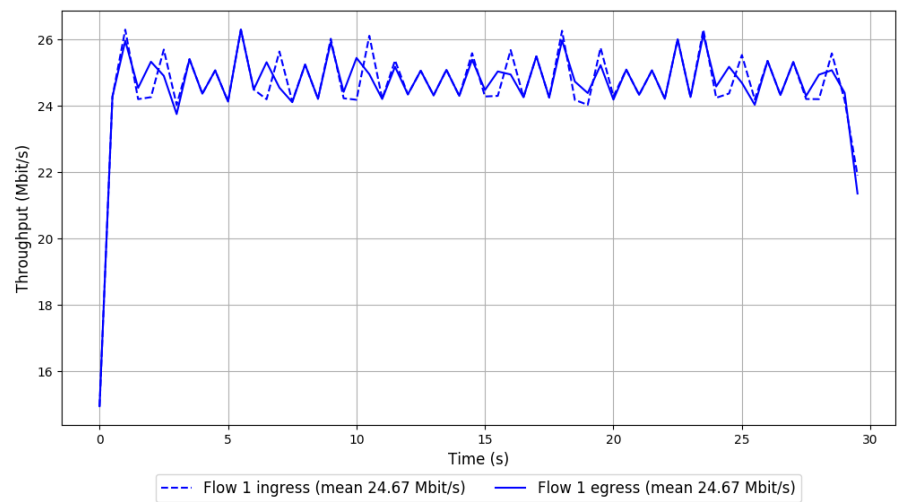


Run 8: Statistics of Sprout

Start at: 2017-12-20 00:34:55  
End at: 2017-12-20 00:35:25  
Local clock offset: 3.799 ms  
Remote clock offset: -13.877 ms

# Below is generated by plot.py at 2017-12-20 01:45:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.67 Mbit/s  
95th percentile per-packet one-way delay: 0.919 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.67 Mbit/s  
95th percentile per-packet one-way delay: 0.919 ms  
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

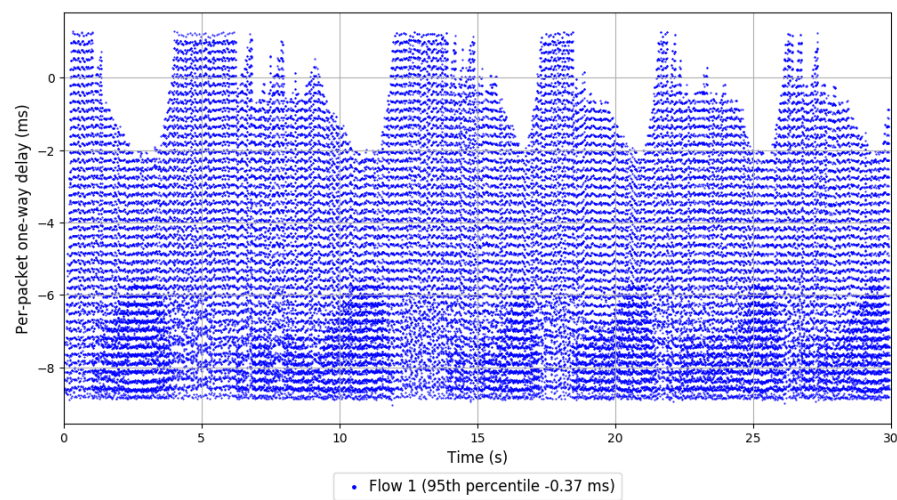
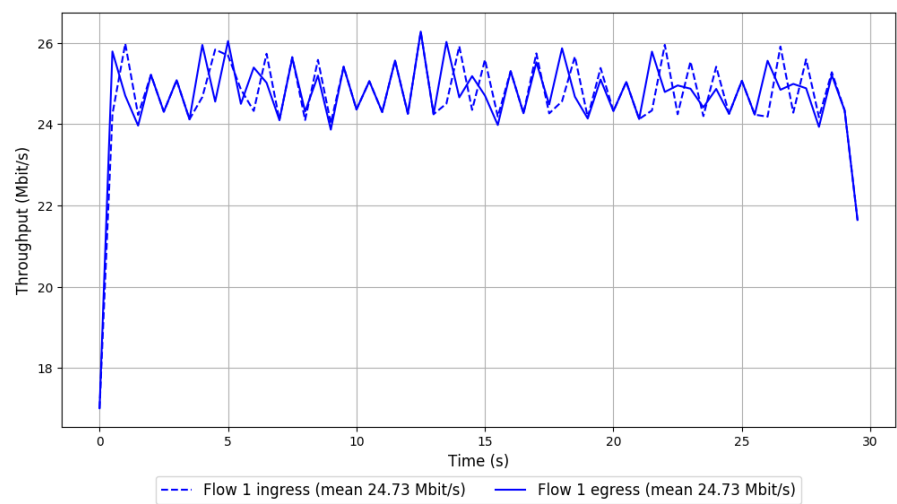


Run 9: Statistics of Sprout

Start at: 2017-12-20 00:52:29  
End at: 2017-12-20 00:52:59  
Local clock offset: 3.773 ms  
Remote clock offset: -13.801 ms

# Below is generated by plot.py at 2017-12-20 01:45:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.73 Mbit/s  
95th percentile per-packet one-way delay: -0.373 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.73 Mbit/s  
95th percentile per-packet one-way delay: -0.373 ms  
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

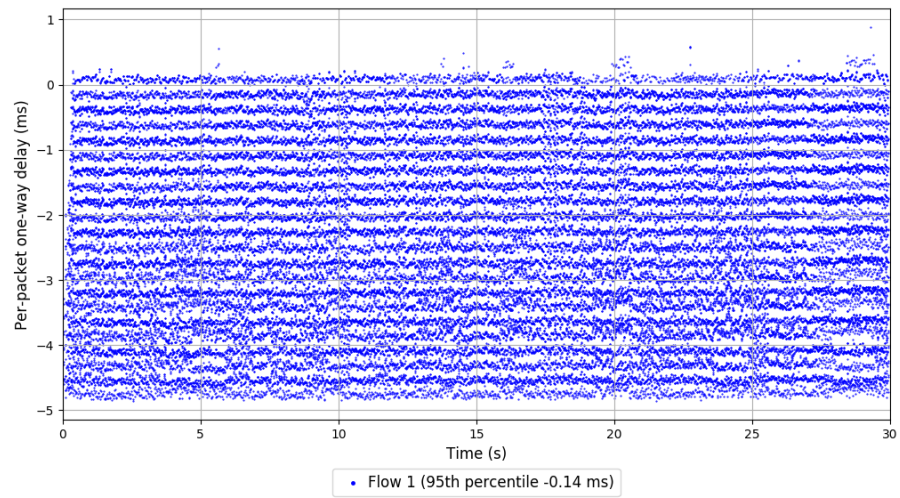
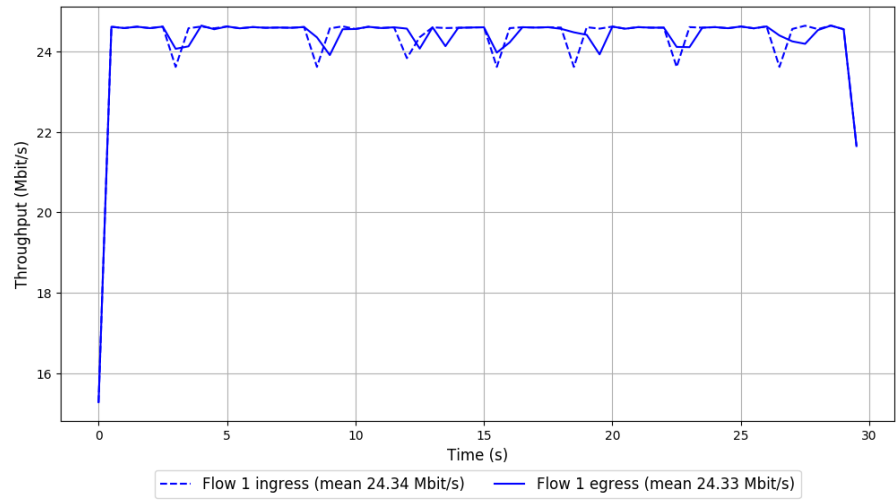


Run 10: Statistics of Sprout

Start at: 2017-12-20 01:10:09  
End at: 2017-12-20 01:10:39  
Local clock offset: 0.34 ms  
Remote clock offset: -14.923 ms

# Below is generated by plot.py at 2017-12-20 01:45:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.33 Mbit/s  
95th percentile per-packet one-way delay: -0.139 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.33 Mbit/s  
95th percentile per-packet one-way delay: -0.139 ms  
Loss rate: 0.00%

# Run 10: Report of Sprout — Data Link



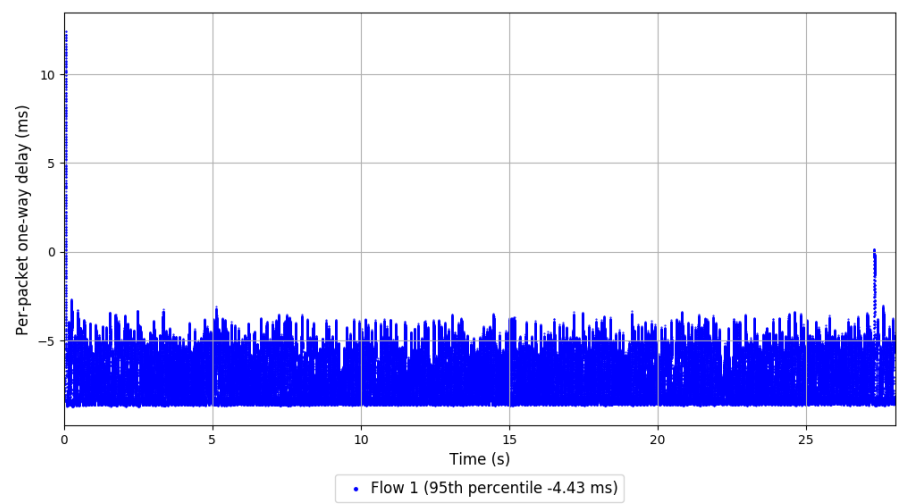
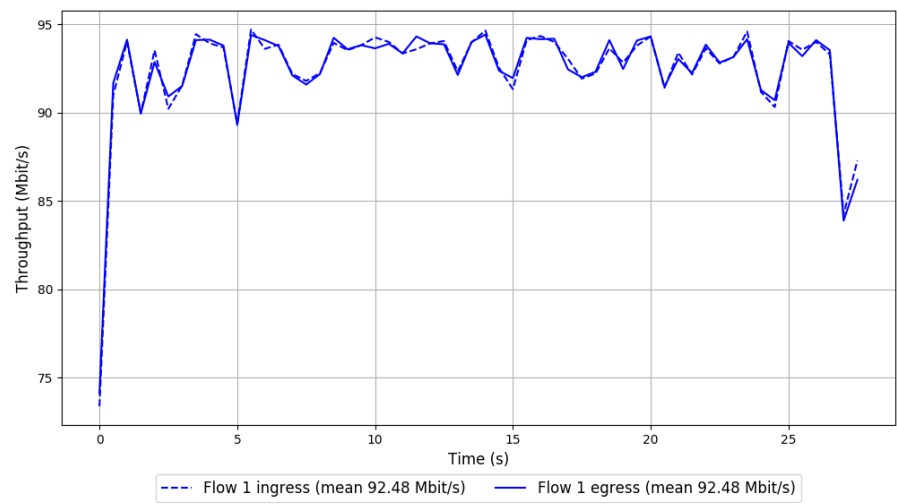
```
Run 1: Statistics of TaoVA-100x

Start at: 2017-12-19 22:23:49
End at: 2017-12-19 22:24:19
Local clock offset: -0.039 ms
Remote clock offset: -14.651 ms

# Below is generated by plot.py at 2017-12-20 01:47:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.48 Mbit/s
95th percentile per-packet one-way delay: -4.433 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.48 Mbit/s
95th percentile per-packet one-way delay: -4.433 ms
Loss rate: 0.00%
```



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

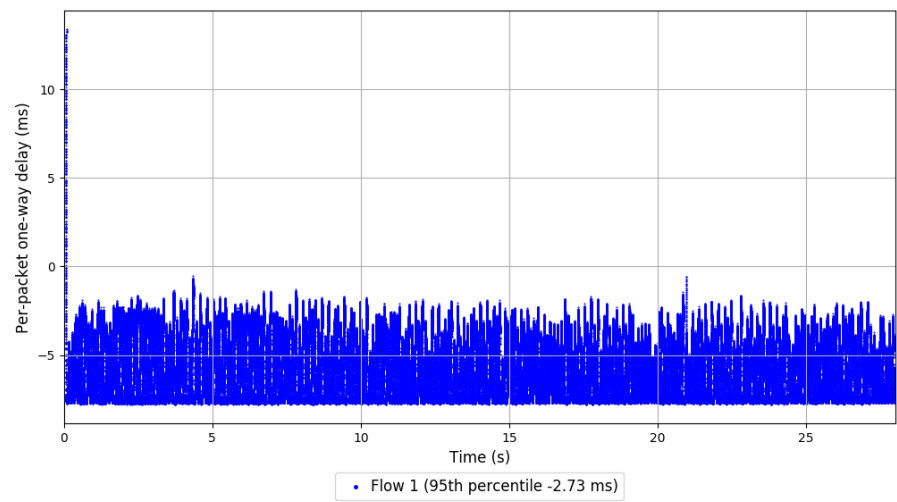
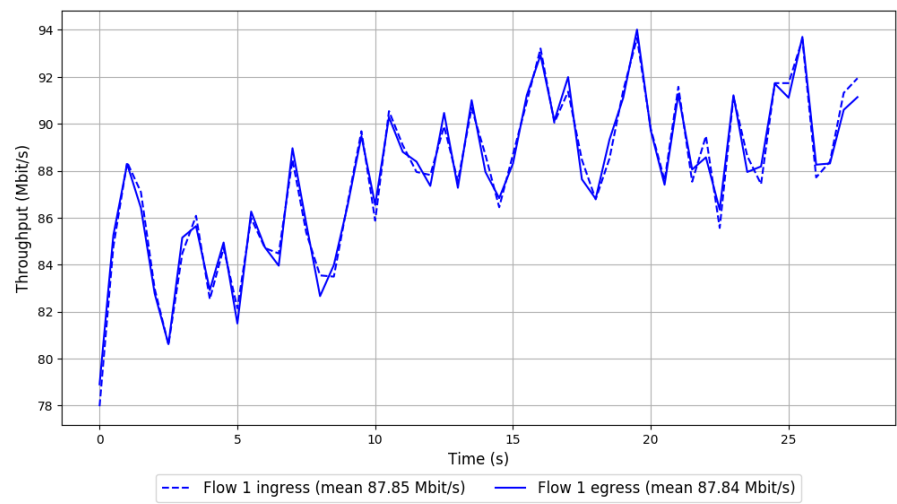


Run 2: Statistics of TaoVA-100x

Start at: 2017-12-19 22:41:03  
End at: 2017-12-19 22:41:33  
Local clock offset: 2.107 ms  
Remote clock offset: -13.273 ms

# Below is generated by plot.py at 2017-12-20 01:47:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.84 Mbit/s  
95th percentile per-packet one-way delay: -2.729 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 87.84 Mbit/s  
95th percentile per-packet one-way delay: -2.729 ms  
Loss rate: 0.00%

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

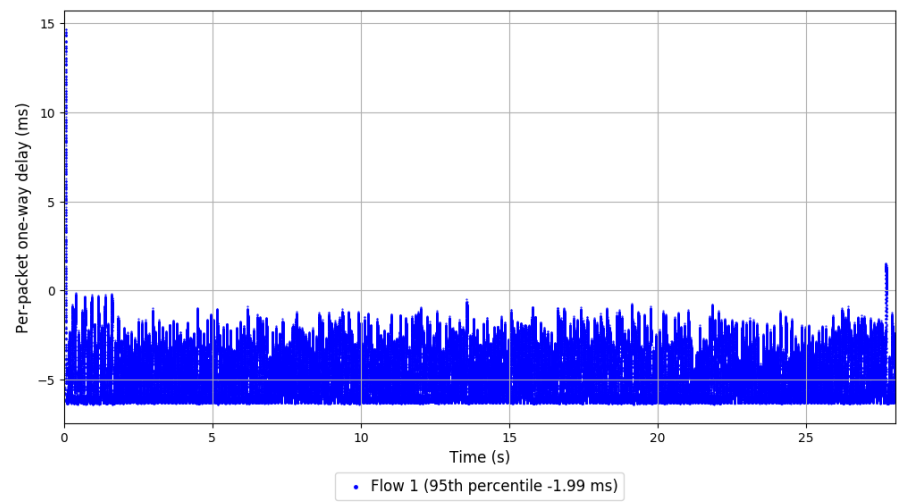
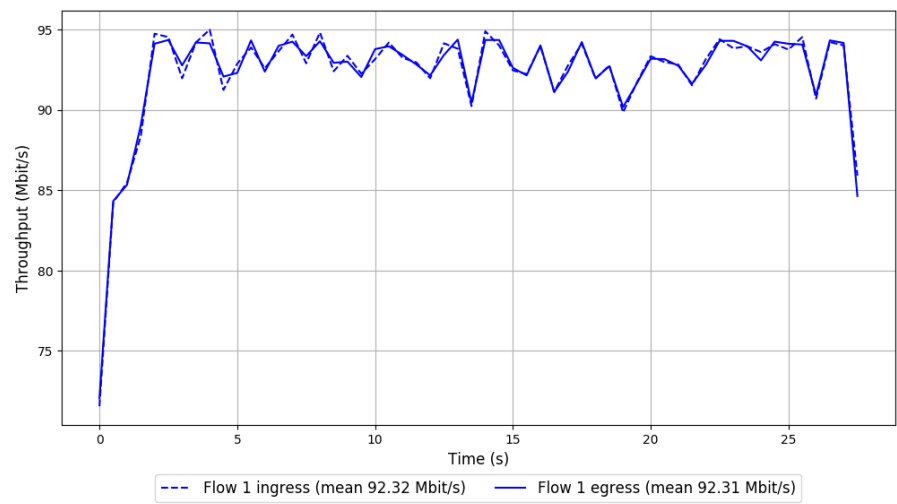


Run 3: Statistics of TaoVA-100x

Start at: 2017-12-19 22:58:35  
End at: 2017-12-19 22:59:05  
Local clock offset: 1.244 ms  
Remote clock offset: -12.817 ms

# Below is generated by plot.py at 2017-12-20 01:47:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.31 Mbit/s  
95th percentile per-packet one-way delay: -1.986 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 92.31 Mbit/s  
95th percentile per-packet one-way delay: -1.986 ms  
Loss rate: 0.00%

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

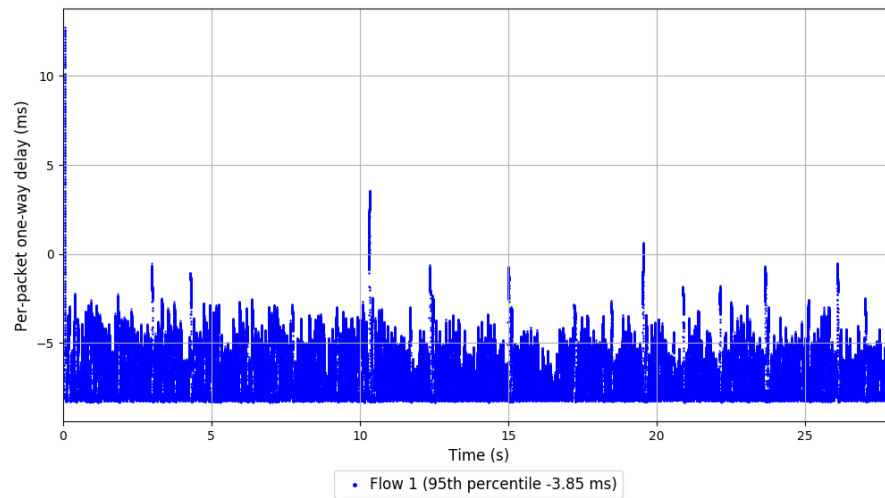
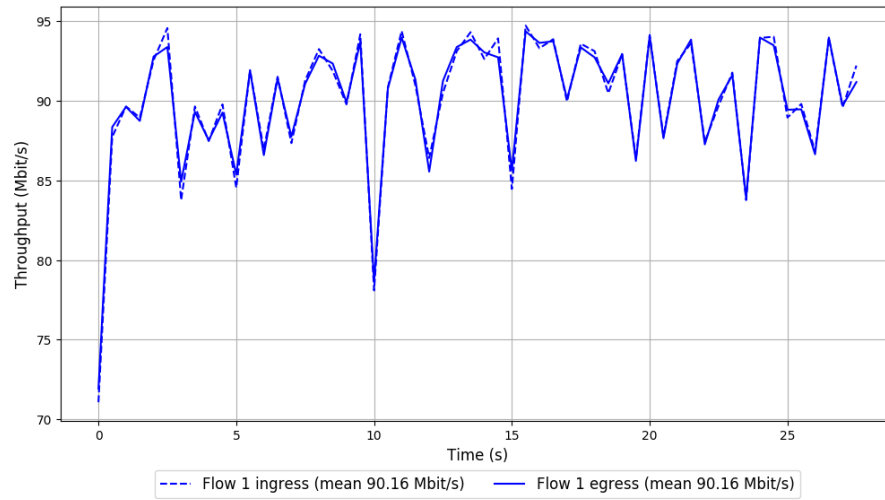


Run 4: Statistics of TaoVA-100x

Start at: 2017-12-19 23:16:03  
End at: 2017-12-19 23:16:33  
Local clock offset: 2.084 ms  
Remote clock offset: -13.374 ms

# Below is generated by plot.py at 2017-12-20 01:47:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.16 Mbit/s  
95th percentile per-packet one-way delay: -3.851 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 90.16 Mbit/s  
95th percentile per-packet one-way delay: -3.851 ms  
Loss rate: 0.00%

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



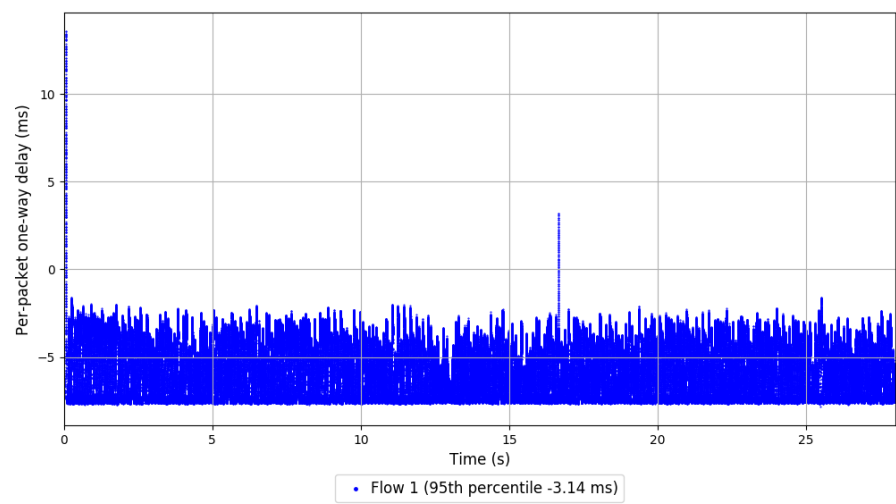
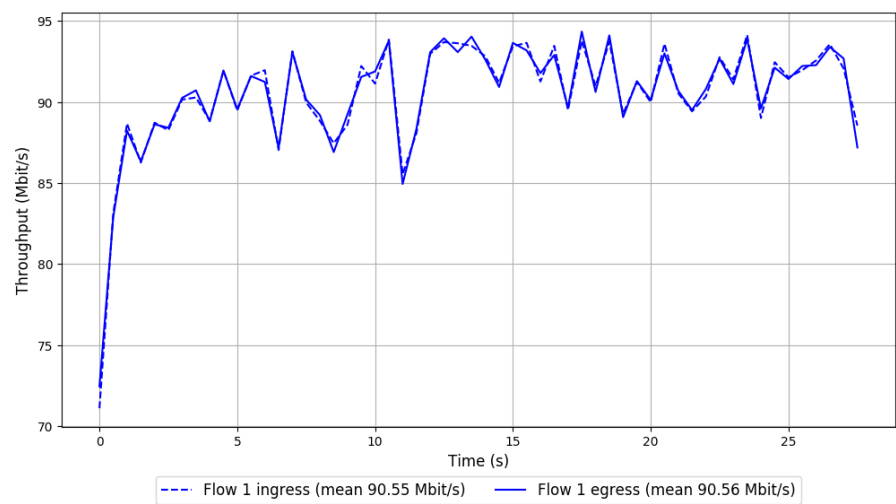
Run 5: Statistics of TaoVA-100x

Start at: 2017-12-19 23:33:19  
End at: 2017-12-19 23:33:49  
Local clock offset: 2.088 ms  
Remote clock offset: -13.112 ms

# Below is generated by plot.py at 2017-12-20 01:47:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.56 Mbit/s  
95th percentile per-packet one-way delay: -3.138 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 90.56 Mbit/s  
95th percentile per-packet one-way delay: -3.138 ms  
Loss rate: 0.00%



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

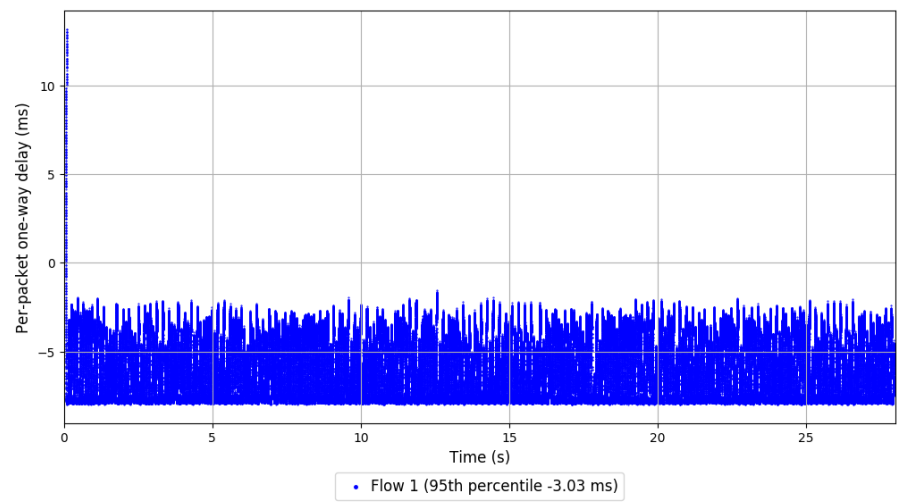
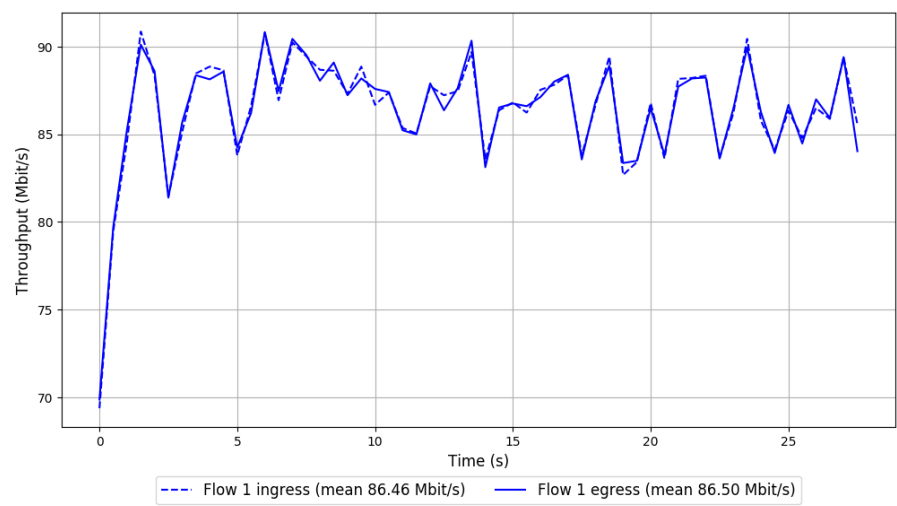


Run 6: Statistics of TaoVA-100x

Start at: 2017-12-19 23:50:36  
End at: 2017-12-19 23:51:06  
Local clock offset: 3.795 ms  
Remote clock offset: -13.009 ms

# Below is generated by plot.py at 2017-12-20 01:47:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.50 Mbit/s  
95th percentile per-packet one-way delay: -3.029 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 86.50 Mbit/s  
95th percentile per-packet one-way delay: -3.029 ms  
Loss rate: 0.00%

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

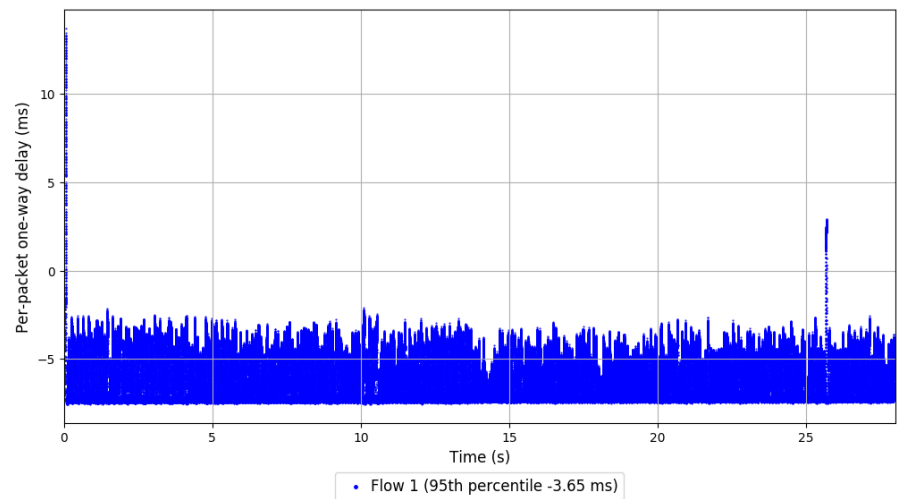
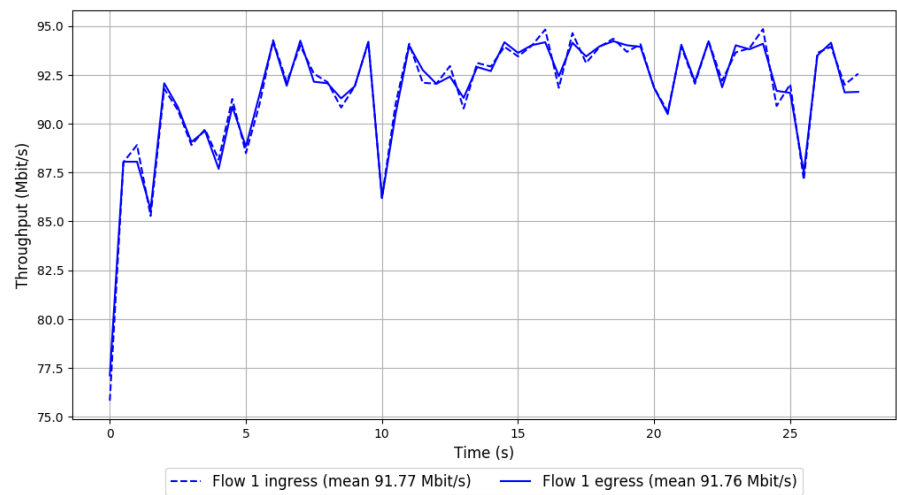


Run 7: Statistics of TaoVA-100x

Start at: 2017-12-20 00:08:10  
End at: 2017-12-20 00:08:40  
Local clock offset: 3.205 ms  
Remote clock offset: -13.079 ms

# Below is generated by plot.py at 2017-12-20 01:47:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.76 Mbit/s  
95th percentile per-packet one-way delay: -3.648 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 91.76 Mbit/s  
95th percentile per-packet one-way delay: -3.648 ms  
Loss rate: 0.00%

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

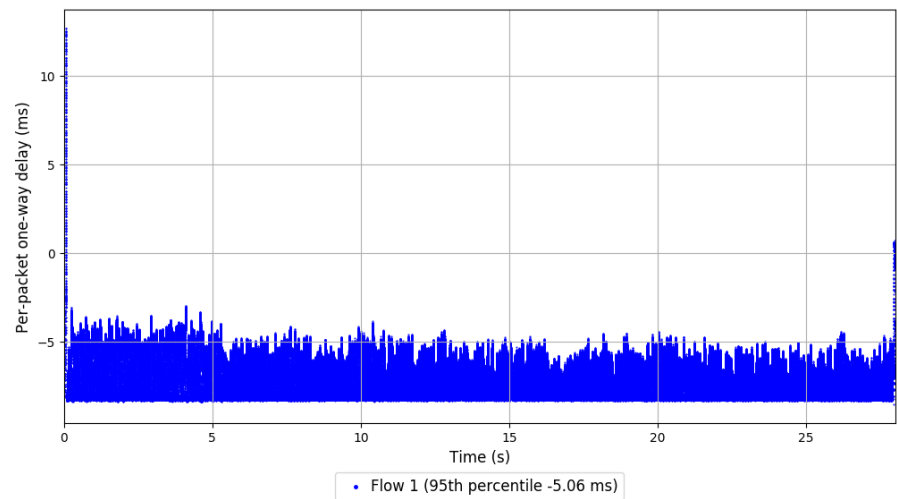
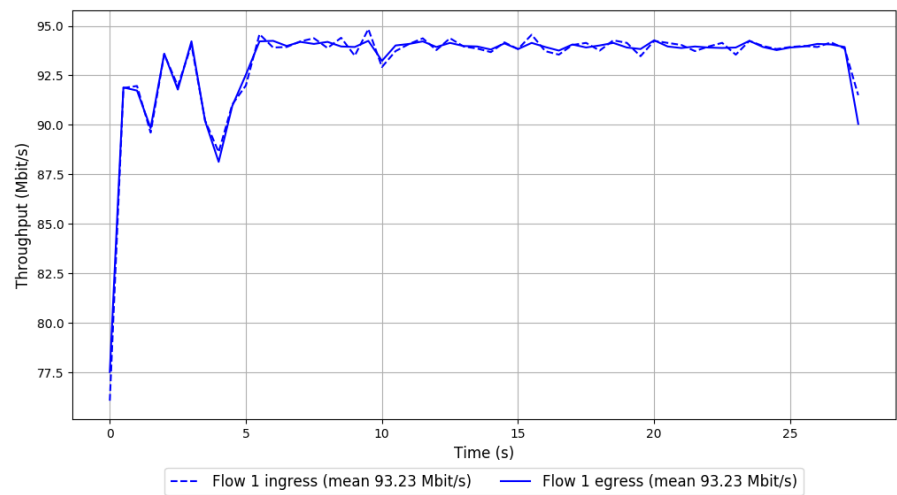


Run 8: Statistics of TaoVA-100x

Start at: 2017-12-20 00:25:37  
End at: 2017-12-20 00:26:07  
Local clock offset: 2.644 ms  
Remote clock offset: -15.202 ms

# Below is generated by plot.py at 2017-12-20 01:47:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.23 Mbit/s  
95th percentile per-packet one-way delay: -5.056 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 93.23 Mbit/s  
95th percentile per-packet one-way delay: -5.056 ms  
Loss rate: 0.00%

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



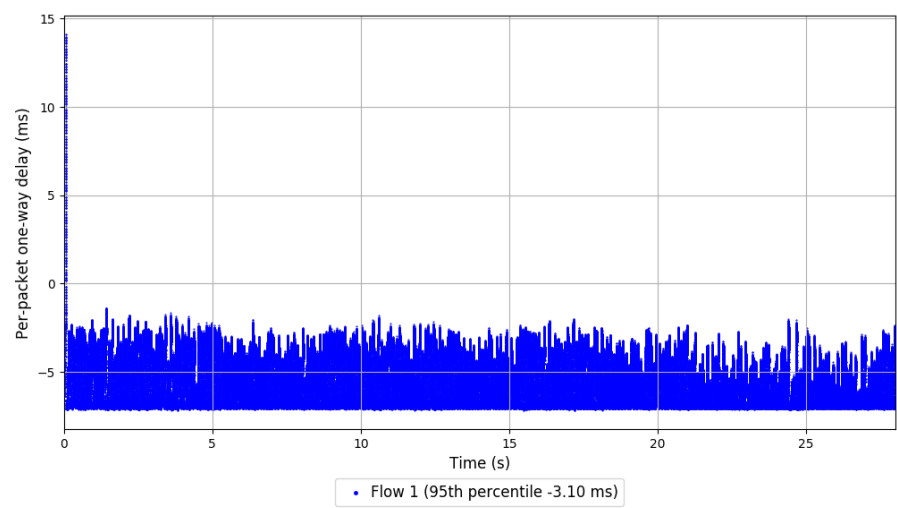
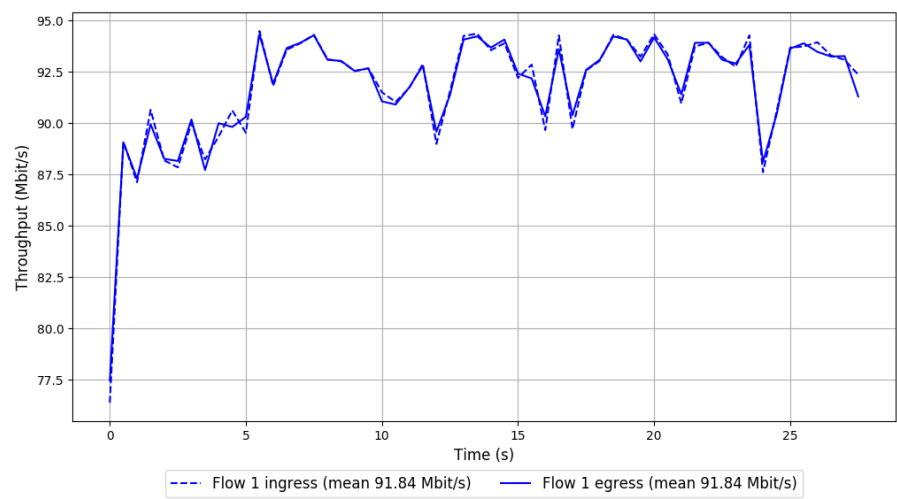
Run 9: Statistics of TaoVA-100x

Start at: 2017-12-20 00:43:10  
End at: 2017-12-20 00:43:40  
Local clock offset: 3.861 ms  
Remote clock offset: -13.213 ms

# Below is generated by plot.py at 2017-12-20 01:49:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.84 Mbit/s  
95th percentile per-packet one-way delay: -3.100 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 91.84 Mbit/s  
95th percentile per-packet one-way delay: -3.100 ms  
Loss rate: 0.00%



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



Run 10: Statistics of TaoVA-100x

Start at: 2017-12-20 01:00:49

End at: 2017-12-20 01:01:19

Local clock offset: 3.761 ms

Remote clock offset: -15.44 ms

# Below is generated by plot.py at 2017-12-20 01:49:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.26 Mbit/s

95th percentile per-packet one-way delay: -7.022 ms

Loss rate: 0.00%

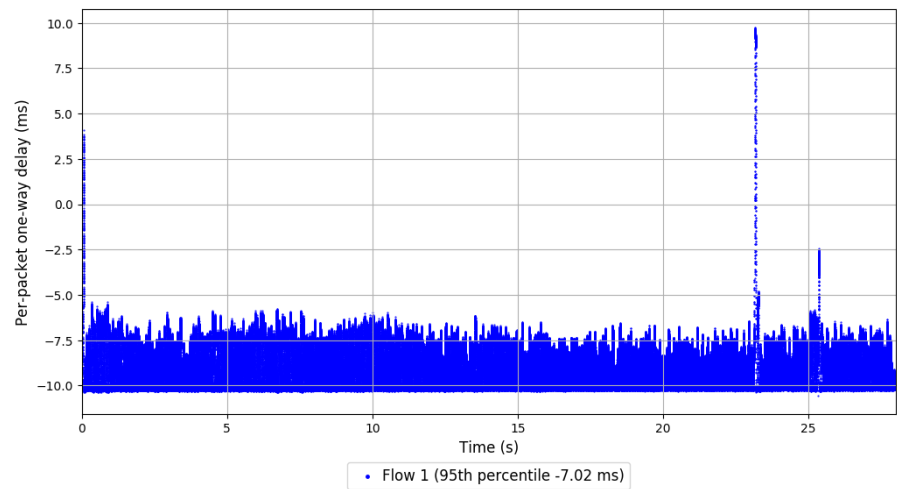
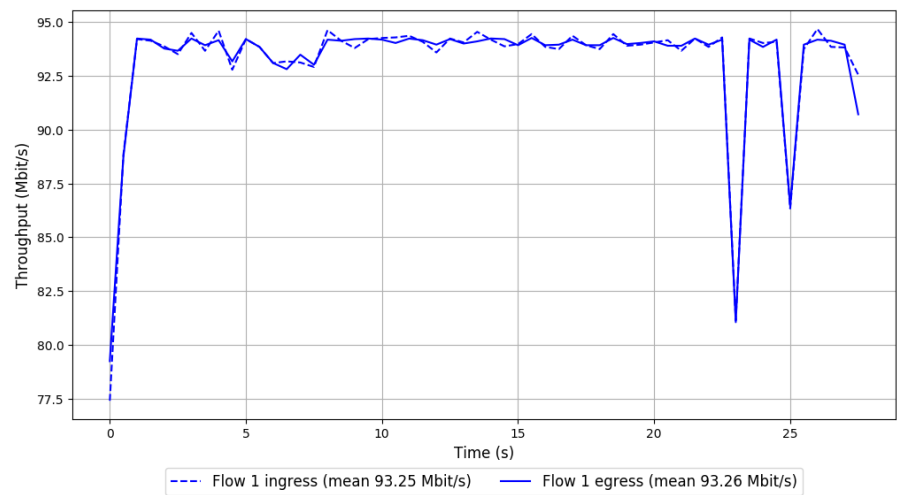
-- Flow 1:

Average throughput: 93.26 Mbit/s

95th percentile per-packet one-way delay: -7.022 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-12-19 22:26:07

End at: 2017-12-19 22:26:37

Local clock offset: 0.792 ms

Remote clock offset: -13.333 ms

# Below is generated by plot.py at 2017-12-20 01:49:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: -5.297 ms

Loss rate: 0.00%

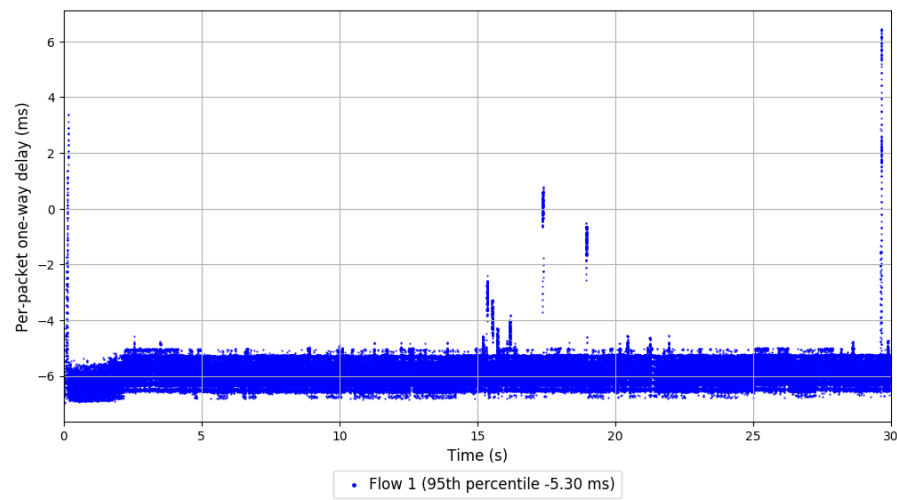
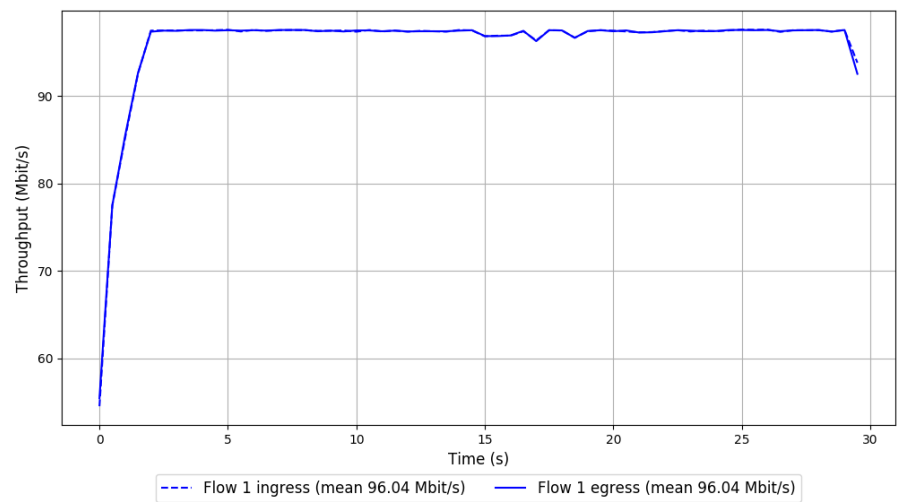
-- Flow 1:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: -5.297 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

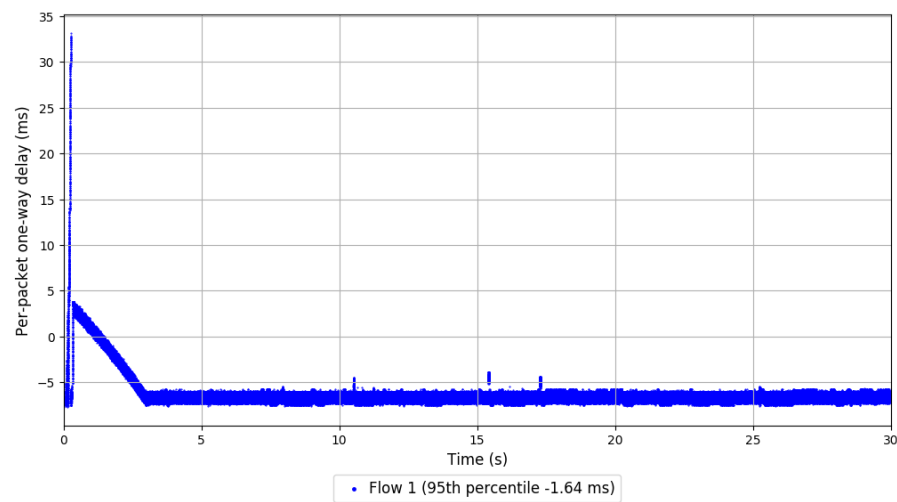
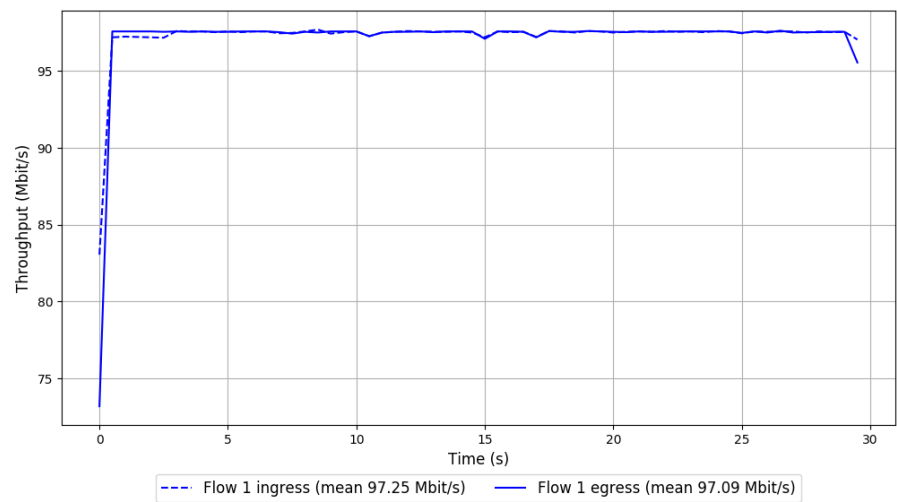


Run 2: Statistics of TCP Vegas

Start at: 2017-12-19 22:43:21  
End at: 2017-12-19 22:43:51  
Local clock offset: 2.704 ms  
Remote clock offset: -12.568 ms

# Below is generated by plot.py at 2017-12-20 01:49:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.09 Mbit/s  
95th percentile per-packet one-way delay: -1.643 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 97.09 Mbit/s  
95th percentile per-packet one-way delay: -1.643 ms  
Loss rate: 0.16%

Run 2: Report of TCP Vegas — Data Link



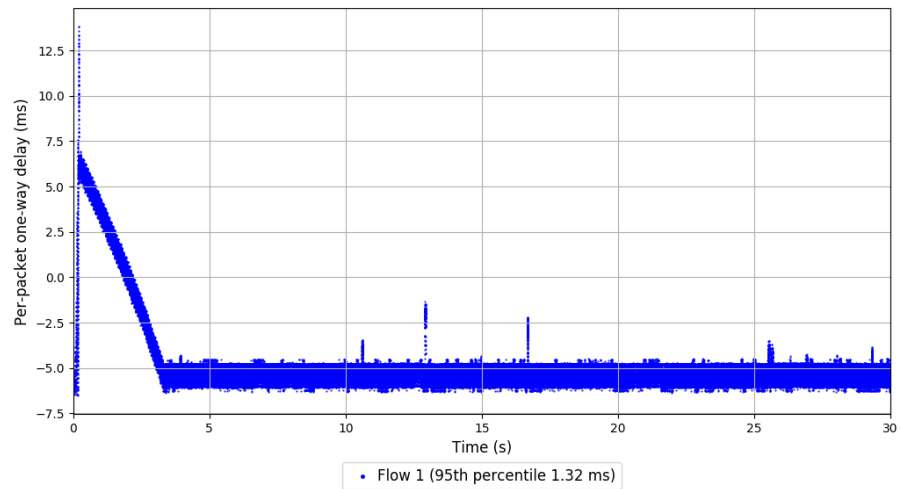
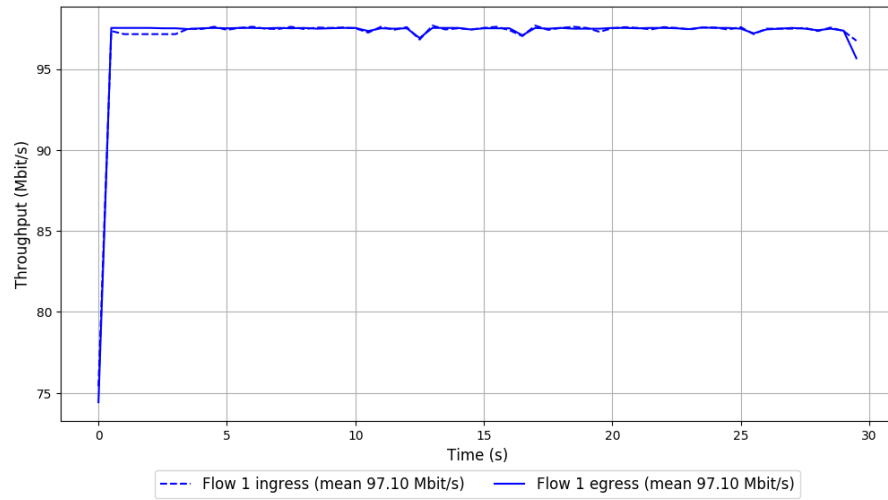
Run 3: Statistics of TCP Vegas

Start at: 2017-12-19 23:00:52  
End at: 2017-12-19 23:01:22  
Local clock offset: 0.338 ms  
Remote clock offset: -12.937 ms

# Below is generated by plot.py at 2017-12-20 01:49:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.10 Mbit/s  
95th percentile per-packet one-way delay: 1.324 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.10 Mbit/s  
95th percentile per-packet one-way delay: 1.324 ms  
Loss rate: 0.00%



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

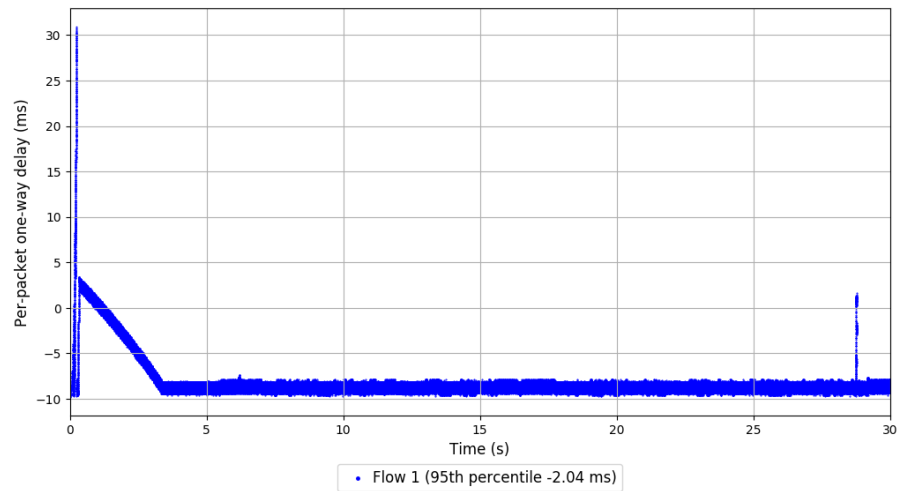
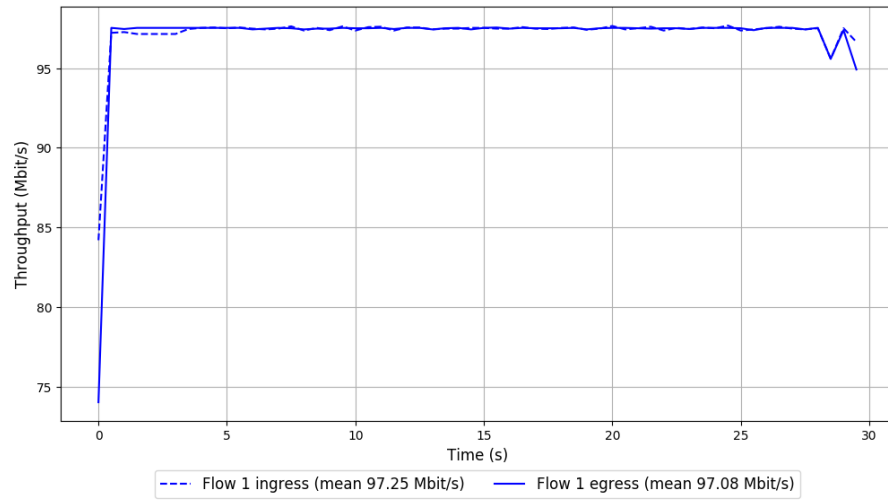


Run 4: Statistics of TCP Vegas

Start at: 2017-12-19 23:18:20  
End at: 2017-12-19 23:18:50  
Local clock offset: 3.98 ms  
Remote clock offset: -13.124 ms

# Below is generated by plot.py at 2017-12-20 01:49:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.08 Mbit/s  
95th percentile per-packet one-way delay: -2.042 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 97.08 Mbit/s  
95th percentile per-packet one-way delay: -2.042 ms  
Loss rate: 0.17%

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

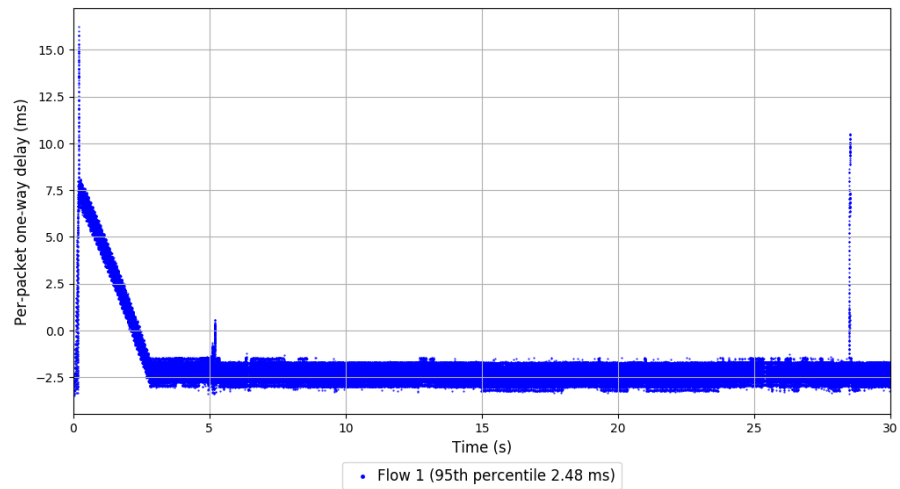
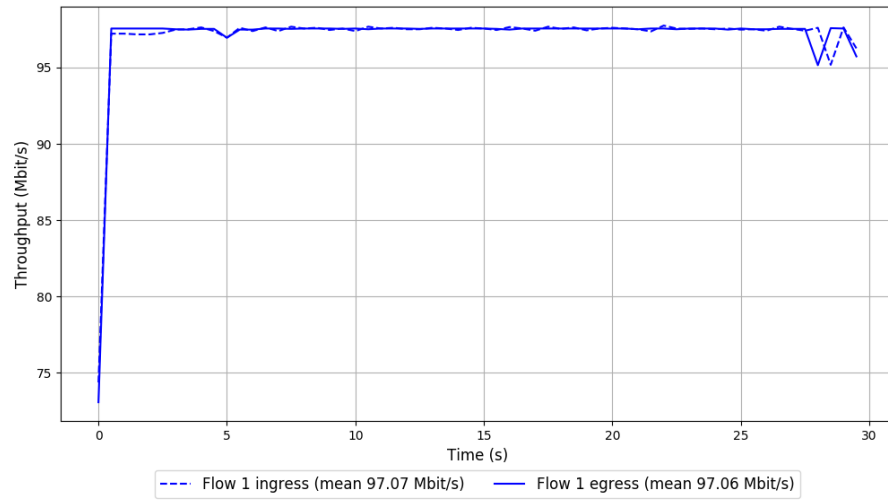


Run 5: Statistics of TCP Vegas

Start at: 2017-12-19 23:35:36  
End at: 2017-12-19 23:36:06  
Local clock offset: -3.433 ms  
Remote clock offset: -15.443 ms

# Below is generated by plot.py at 2017-12-20 01:49:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.06 Mbit/s  
95th percentile per-packet one-way delay: 2.476 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.06 Mbit/s  
95th percentile per-packet one-way delay: 2.476 ms  
Loss rate: 0.00%

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

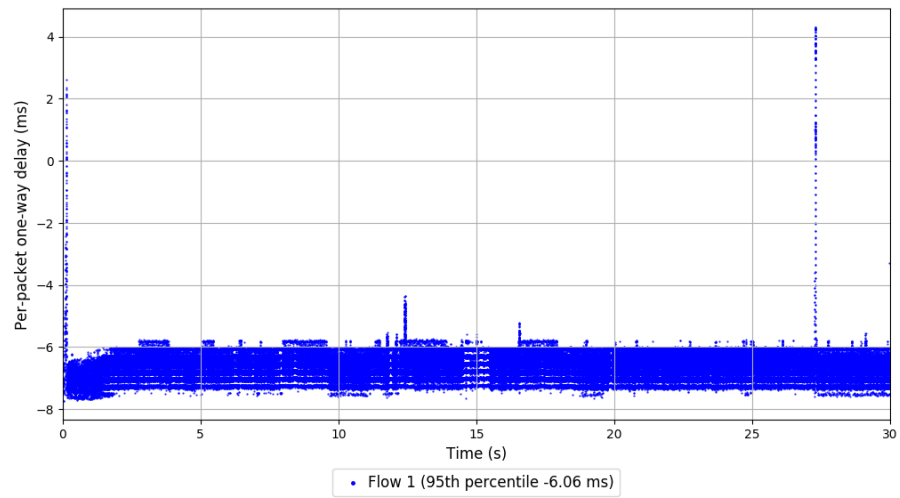
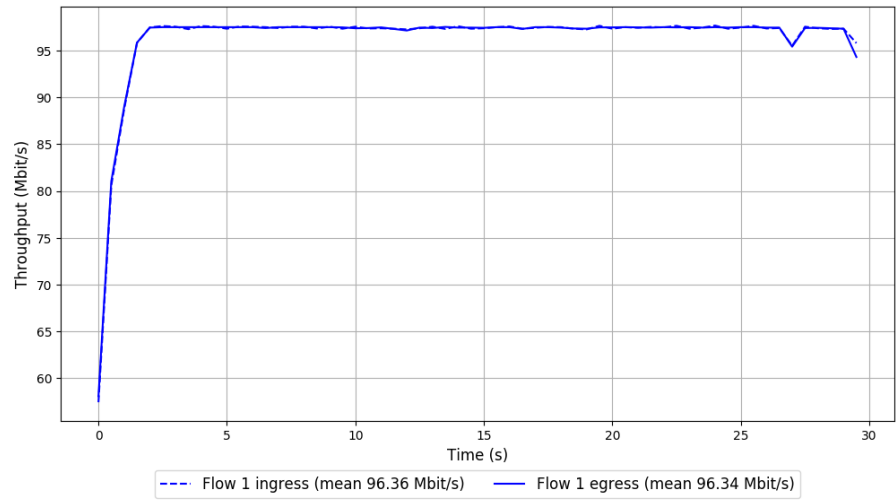


Run 6: Statistics of TCP Vegas

Start at: 2017-12-19 23:52:53  
End at: 2017-12-19 23:53:23  
Local clock offset: 2.802 ms  
Remote clock offset: -13.657 ms

# Below is generated by plot.py at 2017-12-20 01:49:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.34 Mbit/s  
95th percentile per-packet one-way delay: -6.064 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.34 Mbit/s  
95th percentile per-packet one-way delay: -6.064 ms  
Loss rate: 0.00%

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



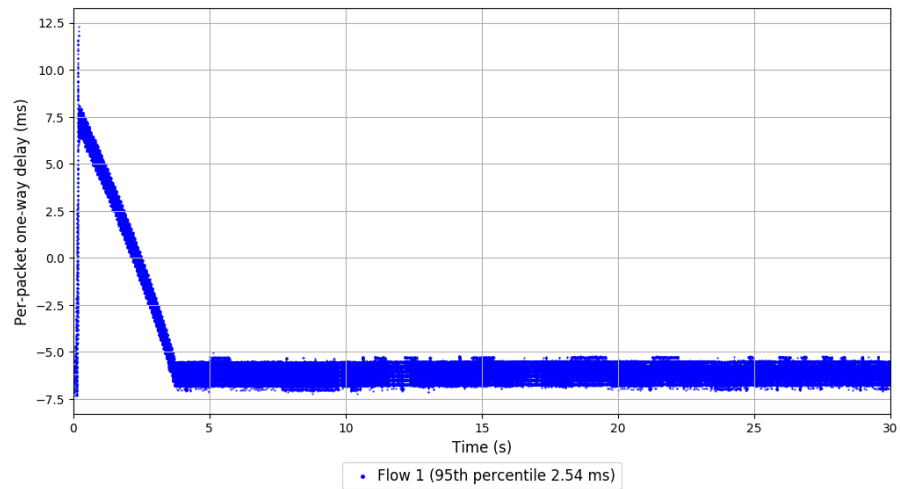
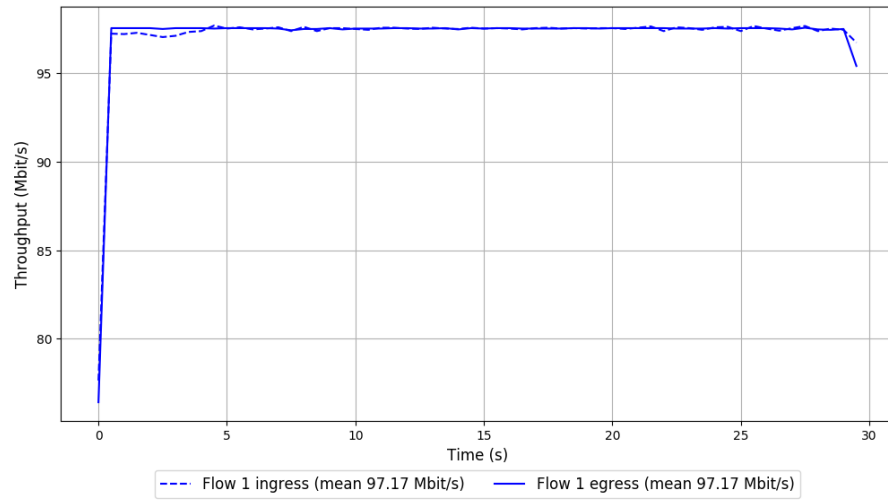
Run 7: Statistics of TCP Vegas

Start at: 2017-12-20 00:10:30  
End at: 2017-12-20 00:11:00  
Local clock offset: 4.132 ms  
Remote clock offset: -13.238 ms

# Below is generated by plot.py at 2017-12-20 01:49:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.17 Mbit/s  
95th percentile per-packet one-way delay: 2.536 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.17 Mbit/s  
95th percentile per-packet one-way delay: 2.536 ms  
Loss rate: 0.00%



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

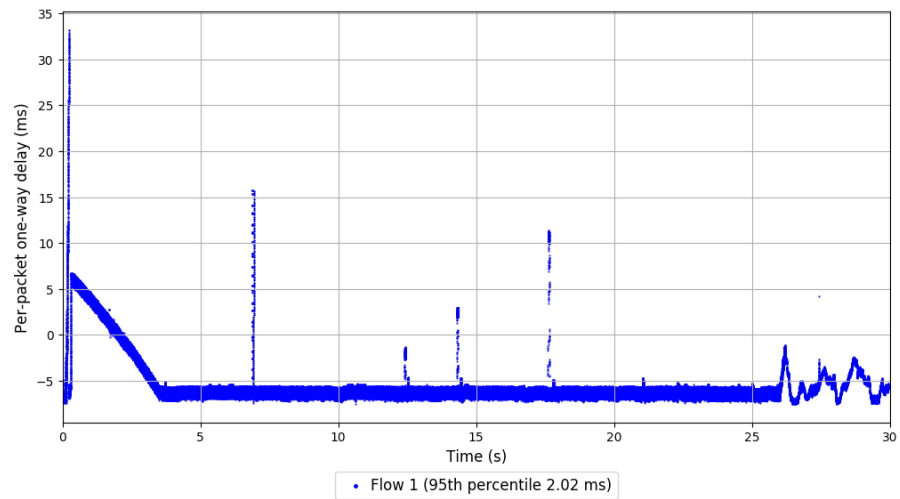
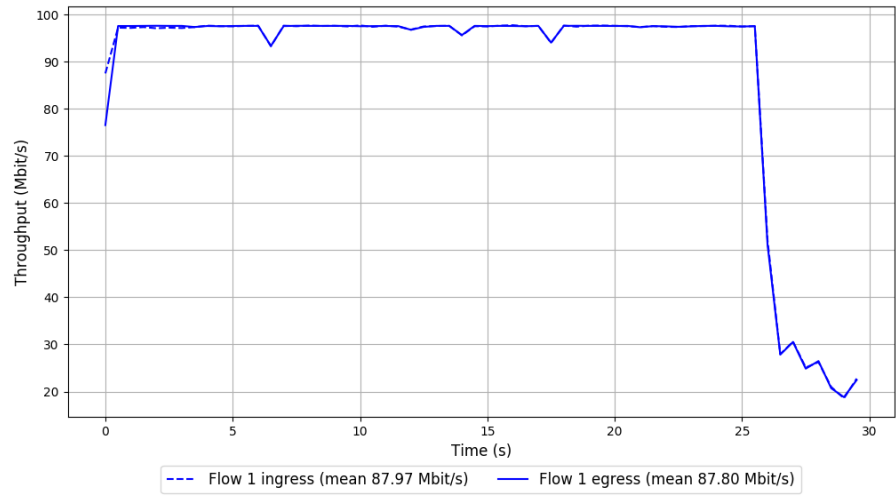


Run 8: Statistics of TCP Vegas

Start at: 2017-12-20 00:27:58  
End at: 2017-12-20 00:28:28  
Local clock offset: 3.922 ms  
Remote clock offset: -13.894 ms

# Below is generated by plot.py at 2017-12-20 01:49:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.80 Mbit/s  
95th percentile per-packet one-way delay: 2.021 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 87.80 Mbit/s  
95th percentile per-packet one-way delay: 2.021 ms  
Loss rate: 0.19%

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

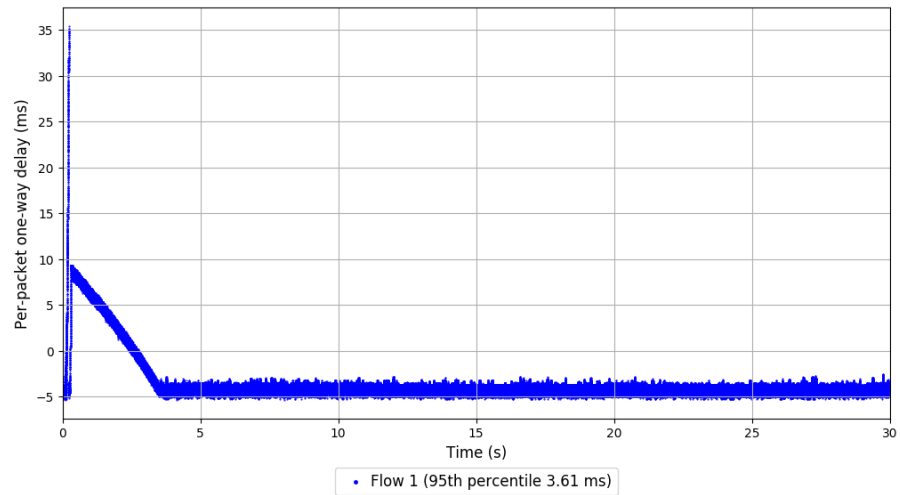
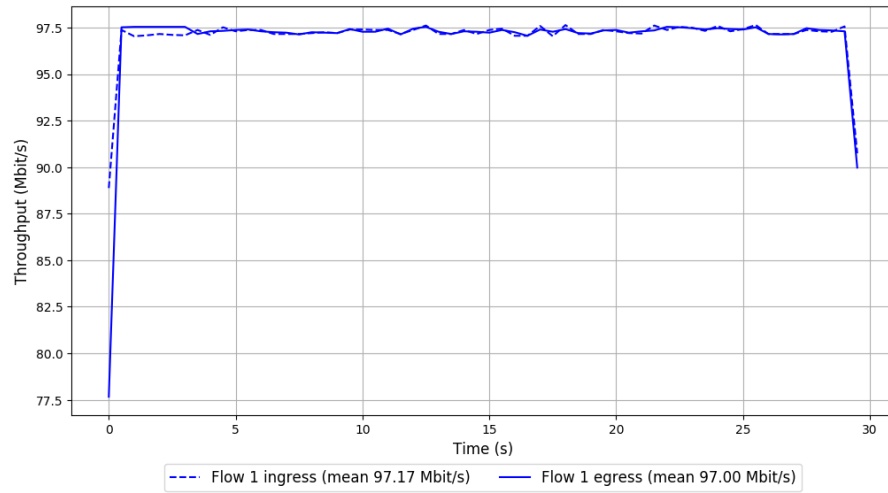


Run 9: Statistics of TCP Vegas

Start at: 2017-12-20 00:45:29  
End at: 2017-12-20 00:45:59  
Local clock offset: 1.008 ms  
Remote clock offset: -13.224 ms

# Below is generated by plot.py at 2017-12-20 01:50:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.00 Mbit/s  
95th percentile per-packet one-way delay: 3.614 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 97.00 Mbit/s  
95th percentile per-packet one-way delay: 3.614 ms  
Loss rate: 0.17%

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

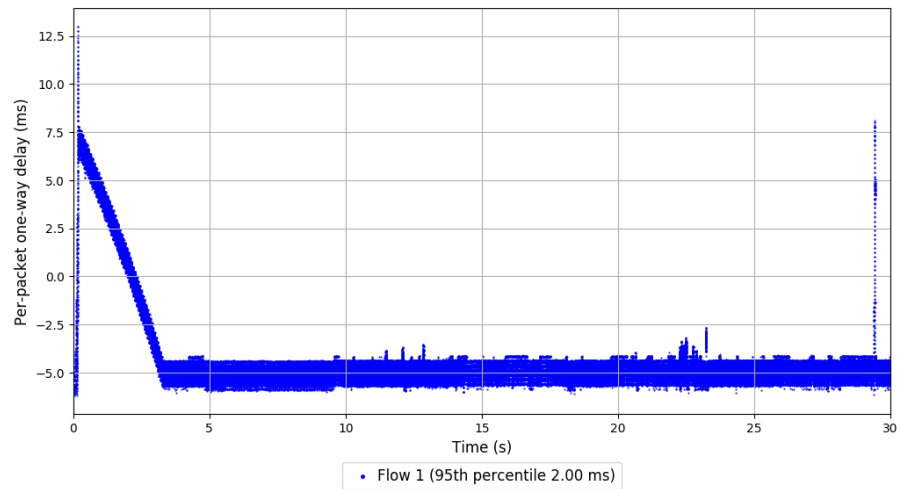
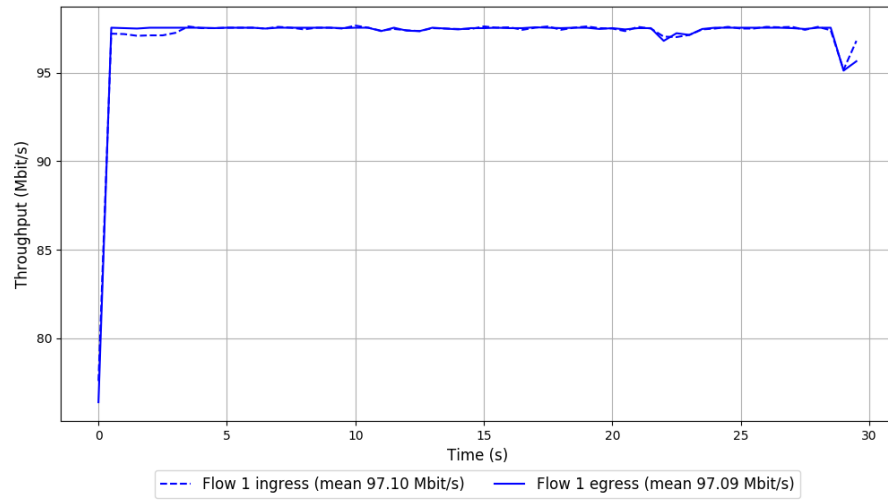


Run 10: Statistics of TCP Vegas

Start at: 2017-12-20 01:03:10  
End at: 2017-12-20 01:03:40  
Local clock offset: 1.327 ms  
Remote clock offset: -14.892 ms

# Below is generated by plot.py at 2017-12-20 01:50:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.09 Mbit/s  
95th percentile per-packet one-way delay: 2.000 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.09 Mbit/s  
95th percentile per-packet one-way delay: 2.000 ms  
Loss rate: 0.00%

### Run 10: Report of TCP Vegas — Data Link



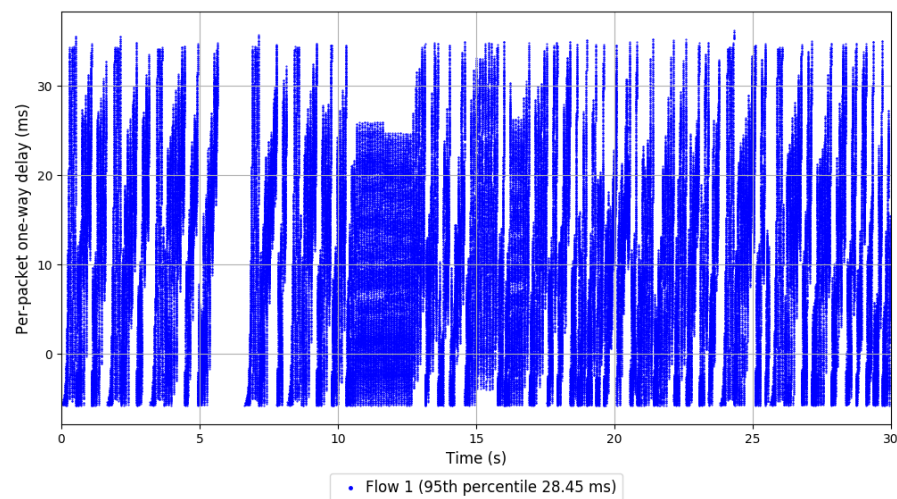
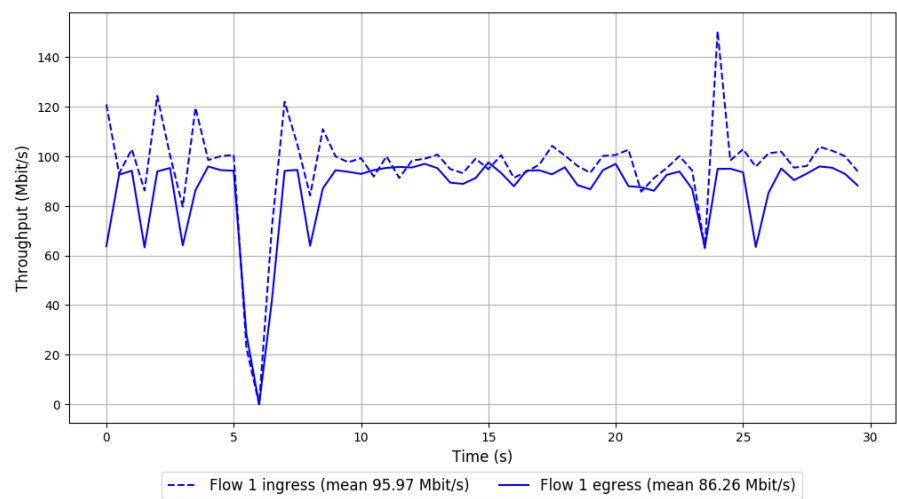
Run 1: Statistics of Verus

Start at: 2017-12-19 22:28:27  
End at: 2017-12-19 22:28:57  
Local clock offset: -0.256 ms  
Remote clock offset: -12.272 ms

# Below is generated by plot.py at 2017-12-20 01:50:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.26 Mbit/s  
95th percentile per-packet one-way delay: 28.447 ms  
Loss rate: 10.06%  
-- Flow 1:  
Average throughput: 86.26 Mbit/s  
95th percentile per-packet one-way delay: 28.447 ms  
Loss rate: 10.06%



Run 1: Report of Verus — Data Link

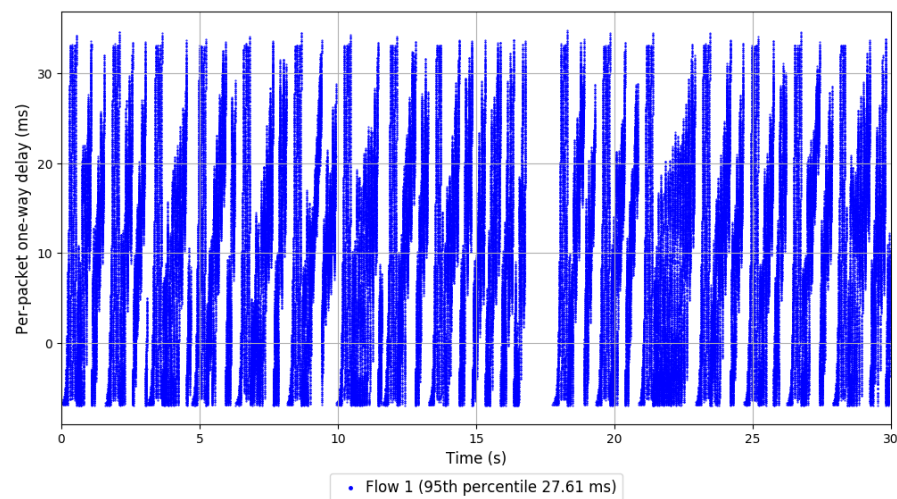
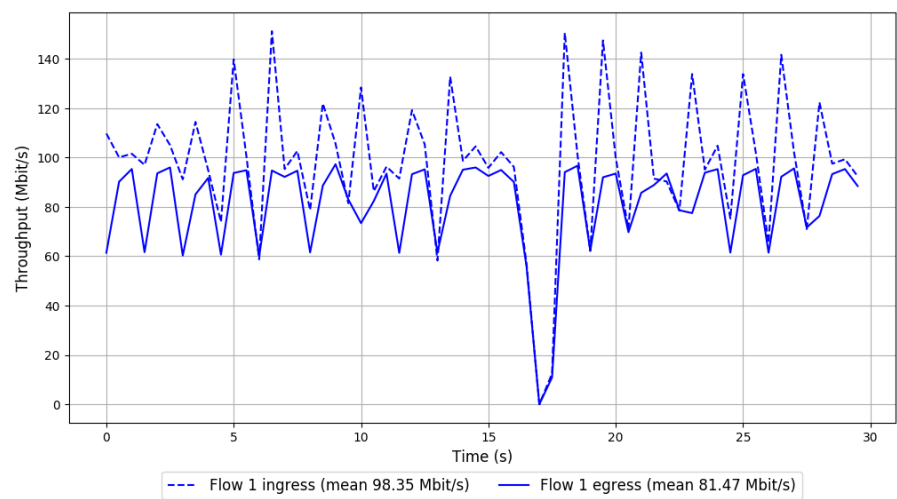


Run 2: Statistics of Verus

Start at: 2017-12-19 22:45:39  
End at: 2017-12-19 22:46:09  
Local clock offset: 2.066 ms  
Remote clock offset: -12.511 ms

# Below is generated by plot.py at 2017-12-20 01:50:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.47 Mbit/s  
95th percentile per-packet one-way delay: 27.608 ms  
Loss rate: 17.15%  
-- Flow 1:  
Average throughput: 81.47 Mbit/s  
95th percentile per-packet one-way delay: 27.608 ms  
Loss rate: 17.15%

Run 2: Report of Verus — Data Link

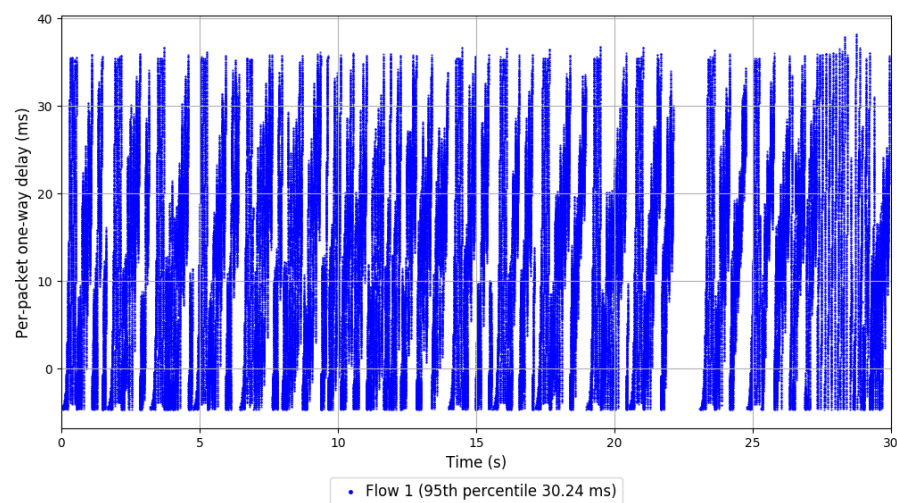
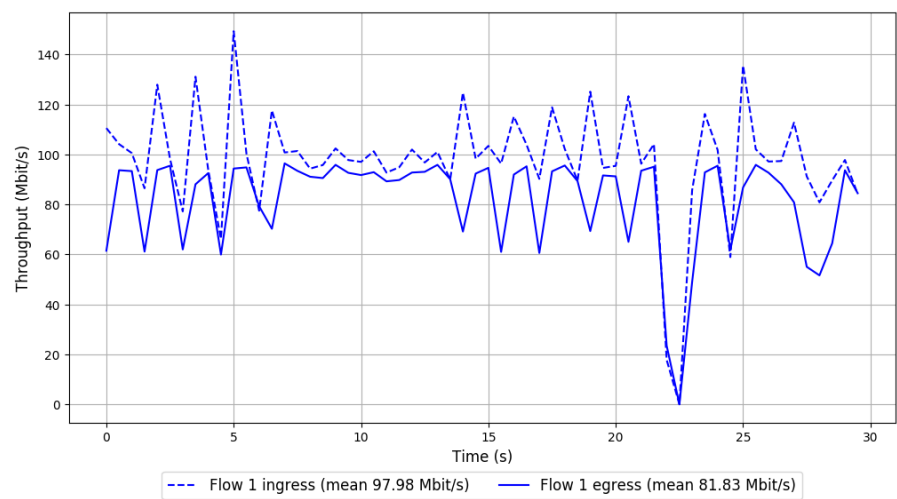


Run 3: Statistics of Verus

Start at: 2017-12-19 23:03:11  
End at: 2017-12-19 23:03:41  
Local clock offset: -0.571 ms  
Remote clock offset: -13.12 ms

# Below is generated by plot.py at 2017-12-20 01:50:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.83 Mbit/s  
95th percentile per-packet one-way delay: 30.242 ms  
Loss rate: 16.37%  
-- Flow 1:  
Average throughput: 81.83 Mbit/s  
95th percentile per-packet one-way delay: 30.242 ms  
Loss rate: 16.37%

Run 3: Report of Verus — Data Link

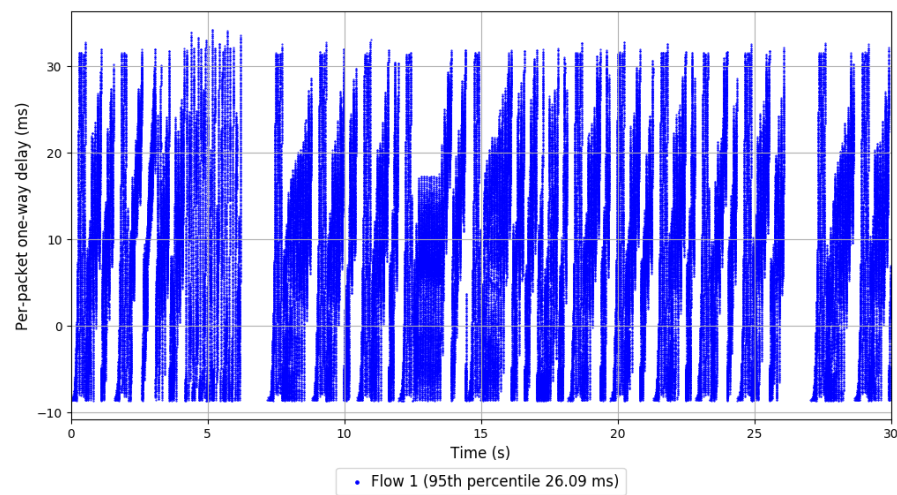
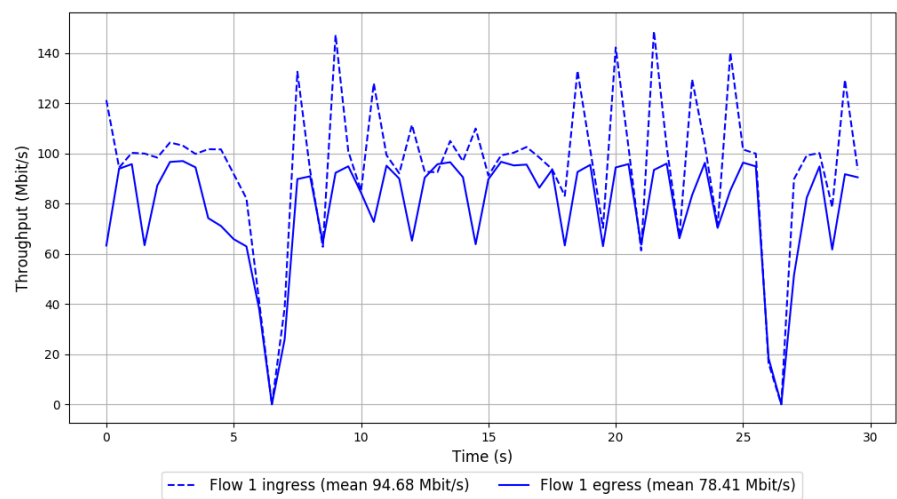


Run 4: Statistics of Verus

Start at: 2017-12-19 23:20:39  
End at: 2017-12-19 23:21:09  
Local clock offset: 3.452 ms  
Remote clock offset: -12.414 ms

# Below is generated by plot.py at 2017-12-20 01:50:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.41 Mbit/s  
95th percentile per-packet one-way delay: 26.087 ms  
Loss rate: 17.14%  
-- Flow 1:  
Average throughput: 78.41 Mbit/s  
95th percentile per-packet one-way delay: 26.087 ms  
Loss rate: 17.14%

Run 4: Report of Verus — Data Link



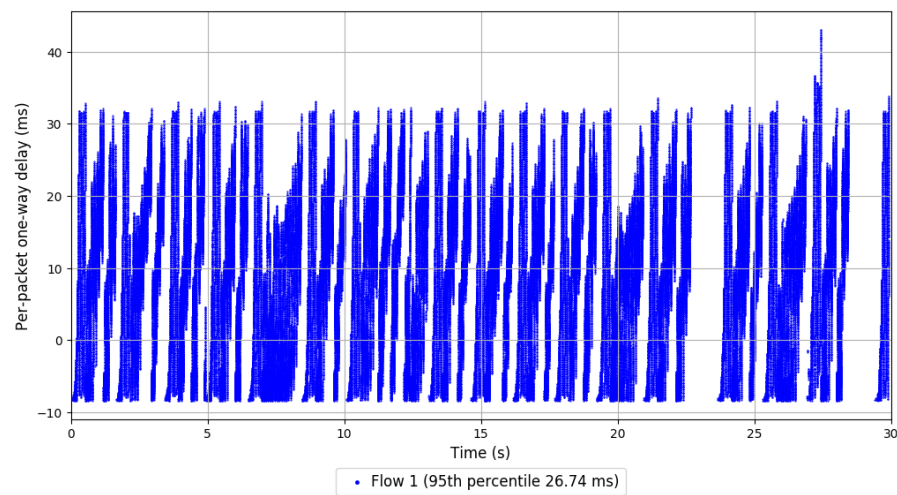
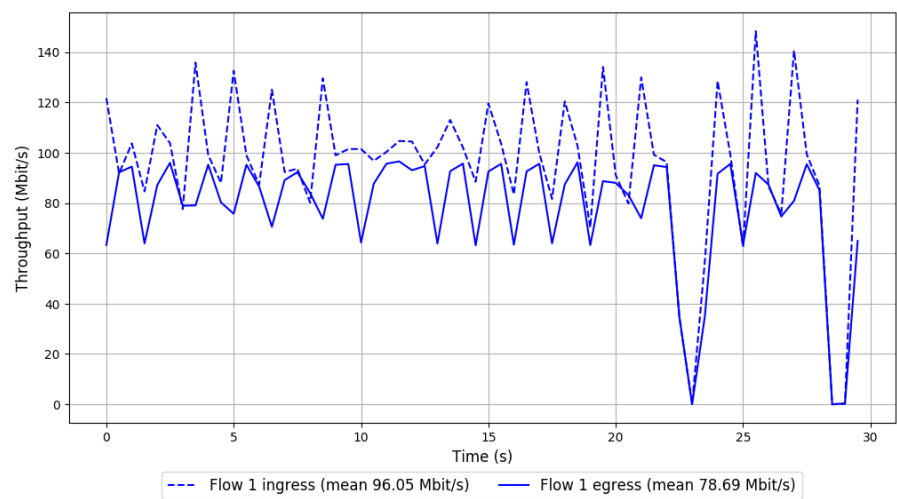
Run 5: Statistics of Verus

Start at: 2017-12-19 23:37:54  
End at: 2017-12-19 23:38:24  
Local clock offset: 3.799 ms  
Remote clock offset: -12.172 ms

# Below is generated by plot.py at 2017-12-20 01:51:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.69 Mbit/s  
95th percentile per-packet one-way delay: 26.737 ms  
Loss rate: 18.02%  
-- Flow 1:  
Average throughput: 78.69 Mbit/s  
95th percentile per-packet one-way delay: 26.737 ms  
Loss rate: 18.02%



Run 5: Report of Verus — Data Link

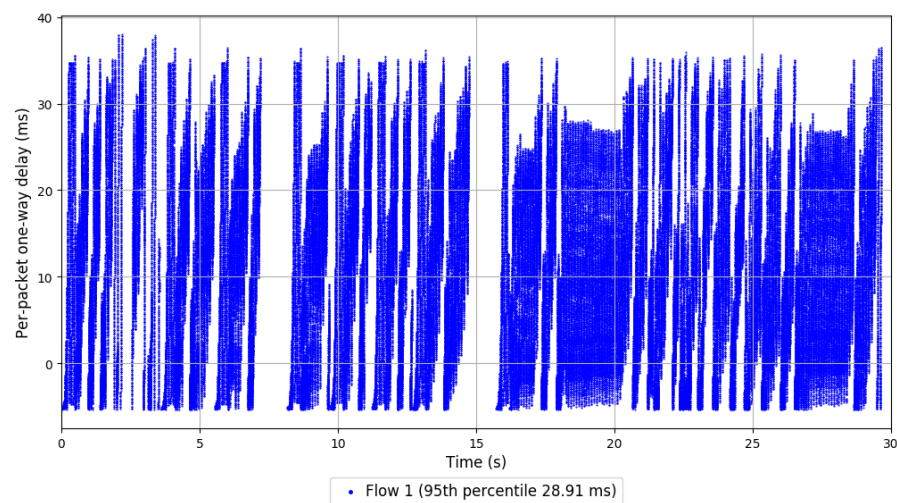
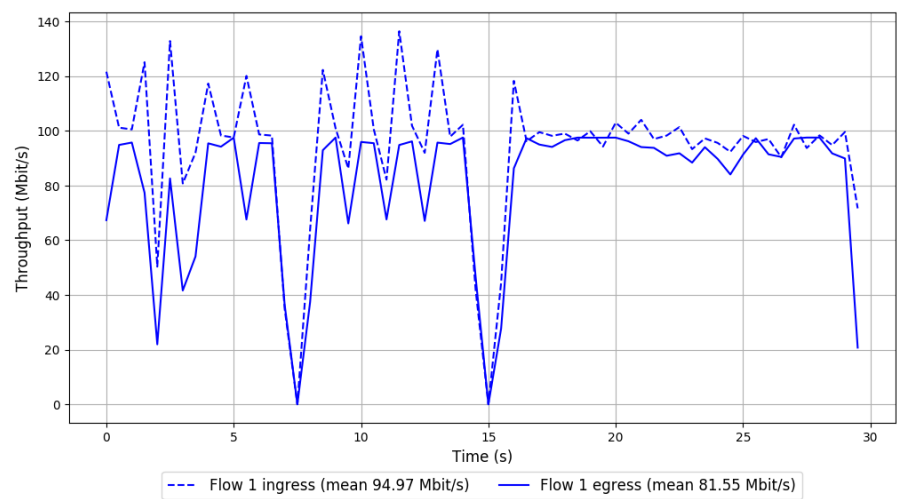


Run 6: Statistics of Verus

Start at: 2017-12-19 23:55:14  
End at: 2017-12-19 23:55:44  
Local clock offset: 0.218 ms  
Remote clock offset: -12.954 ms

# Below is generated by plot.py at 2017-12-20 01:51:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.55 Mbit/s  
95th percentile per-packet one-way delay: 28.914 ms  
Loss rate: 14.07%  
-- Flow 1:  
Average throughput: 81.55 Mbit/s  
95th percentile per-packet one-way delay: 28.914 ms  
Loss rate: 14.07%

Run 6: Report of Verus — Data Link

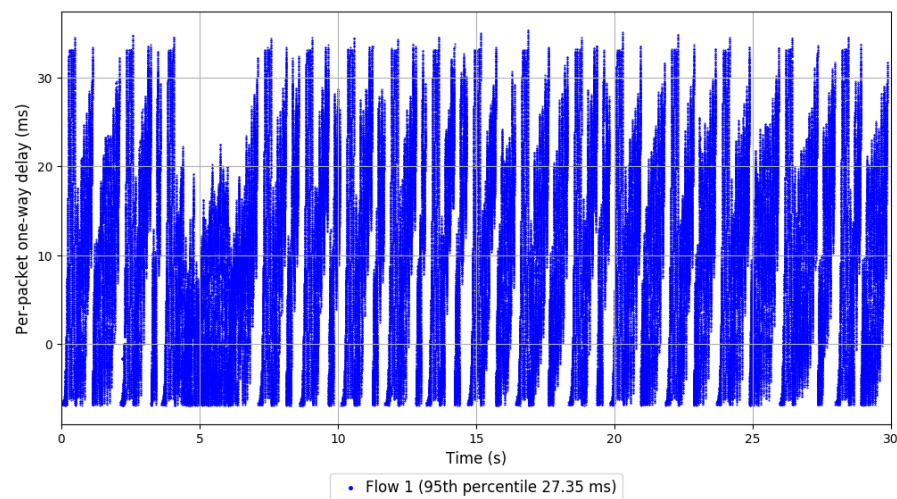
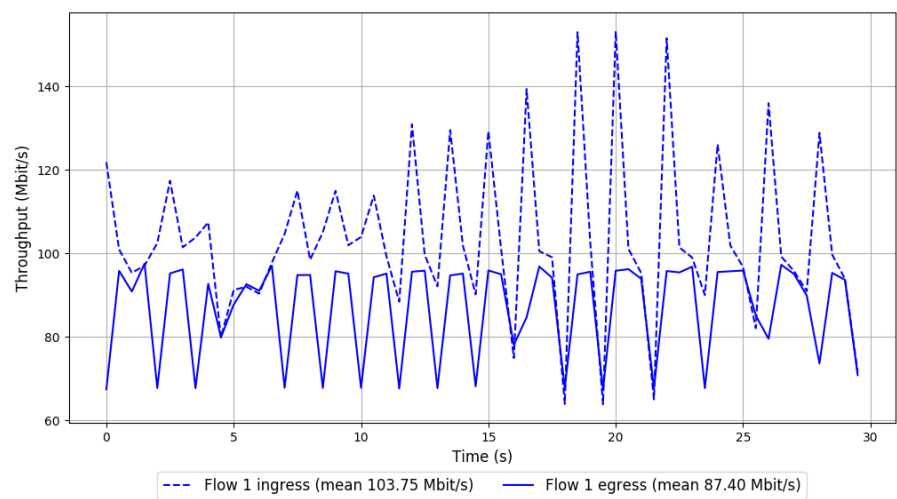


Run 7: Statistics of Verus

Start at: 2017-12-20 00:12:49  
End at: 2017-12-20 00:13:19  
Local clock offset: 1.323 ms  
Remote clock offset: -14.699 ms

# Below is generated by plot.py at 2017-12-20 01:51:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.40 Mbit/s  
95th percentile per-packet one-way delay: 27.350 ms  
Loss rate: 15.68%  
-- Flow 1:  
Average throughput: 87.40 Mbit/s  
95th percentile per-packet one-way delay: 27.350 ms  
Loss rate: 15.68%

Run 7: Report of Verus — Data Link

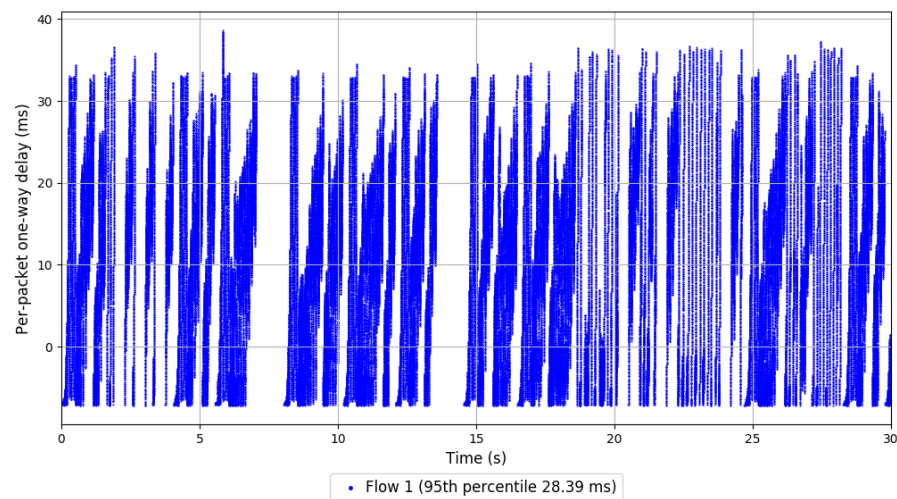
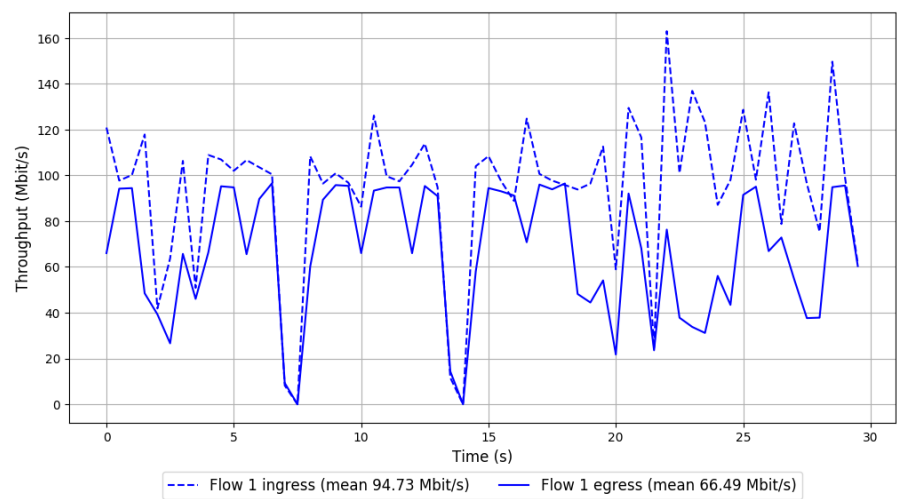


Run 8: Statistics of Verus

Start at: 2017-12-20 00:30:20  
End at: 2017-12-20 00:30:51  
Local clock offset: 3.667 ms  
Remote clock offset: -13.842 ms

# Below is generated by plot.py at 2017-12-20 01:51:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 66.49 Mbit/s  
95th percentile per-packet one-way delay: 28.388 ms  
Loss rate: 29.80%  
-- Flow 1:  
Average throughput: 66.49 Mbit/s  
95th percentile per-packet one-way delay: 28.388 ms  
Loss rate: 29.80%

Run 8: Report of Verus — Data Link



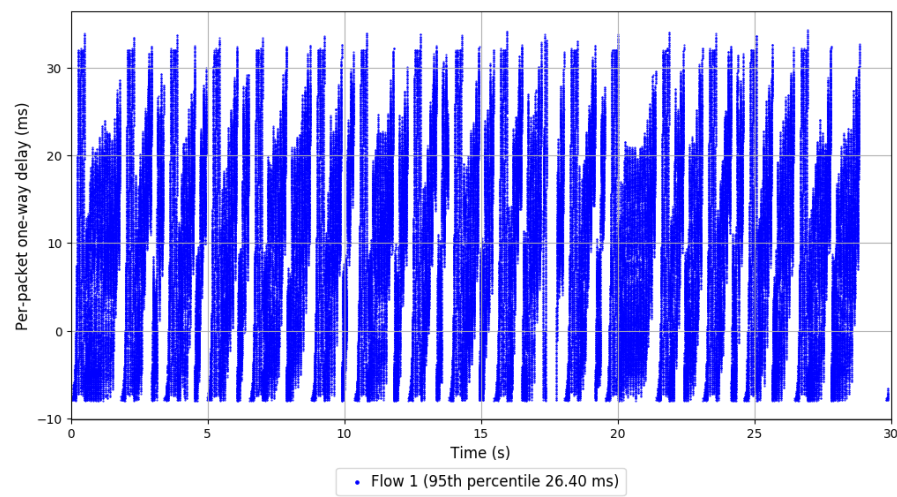
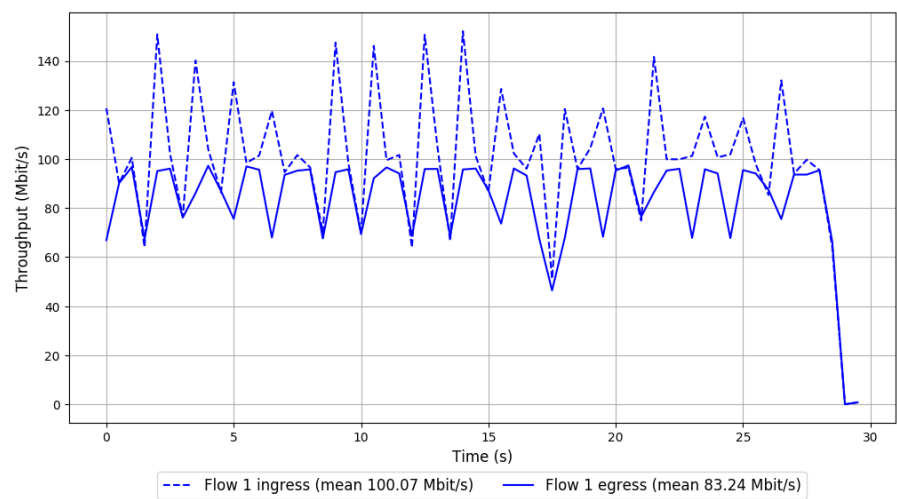
Run 9: Statistics of Verus

Start at: 2017-12-20 00:47:47  
End at: 2017-12-20 00:48:17  
Local clock offset: 3.885 ms  
Remote clock offset: -12.906 ms

# Below is generated by plot.py at 2017-12-20 01:51:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 83.24 Mbit/s  
95th percentile per-packet one-way delay: 26.404 ms  
Loss rate: 16.81%  
-- Flow 1:  
Average throughput: 83.24 Mbit/s  
95th percentile per-packet one-way delay: 26.404 ms  
Loss rate: 16.81%



Run 9: Report of Verus — Data Link

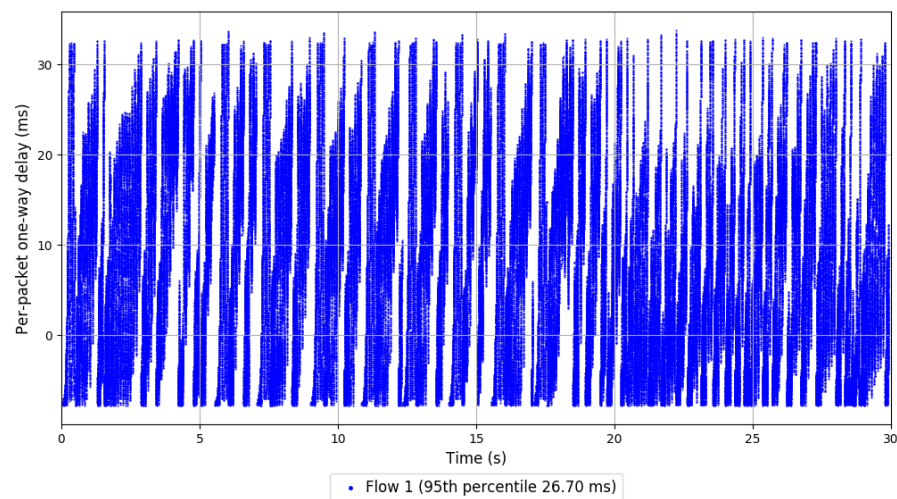
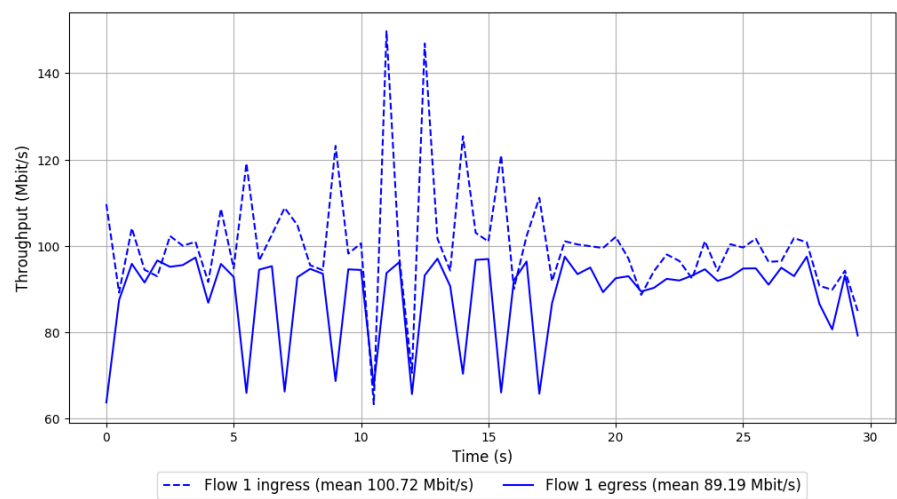


Run 10: Statistics of Verus

Start at: 2017-12-20 01:05:29  
End at: 2017-12-20 01:05:59  
Local clock offset: 2.266 ms  
Remote clock offset: -15.704 ms

# Below is generated by plot.py at 2017-12-20 01:51:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.19 Mbit/s  
95th percentile per-packet one-way delay: 26.699 ms  
Loss rate: 11.40%  
-- Flow 1:  
Average throughput: 89.19 Mbit/s  
95th percentile per-packet one-way delay: 26.699 ms  
Loss rate: 11.40%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2017-12-19 22:21:31

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

Local clock offset: -3.132 ms

Remote clock offset: -14.691 ms

# Below is generated by plot.py at 2017-12-20 01:52:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.70 Mbit/s

95th percentile per-packet one-way delay: -1.570 ms

Loss rate: 0.00%

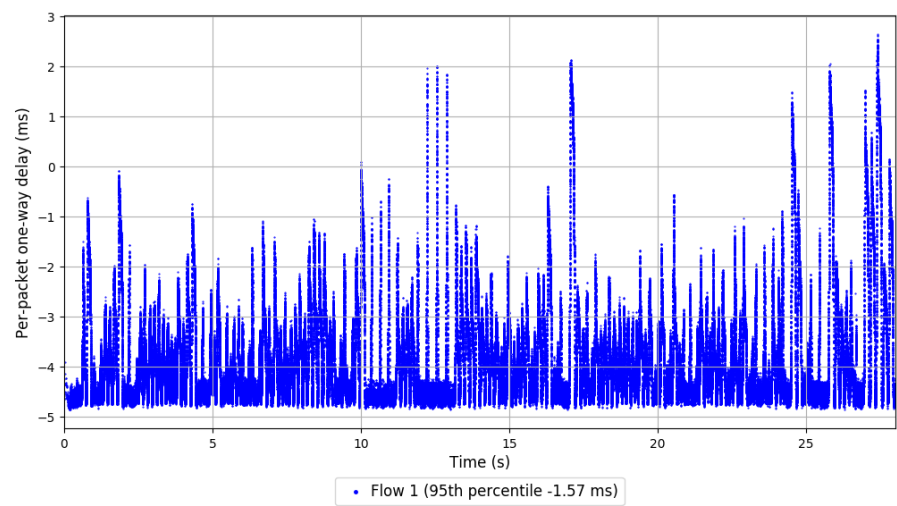
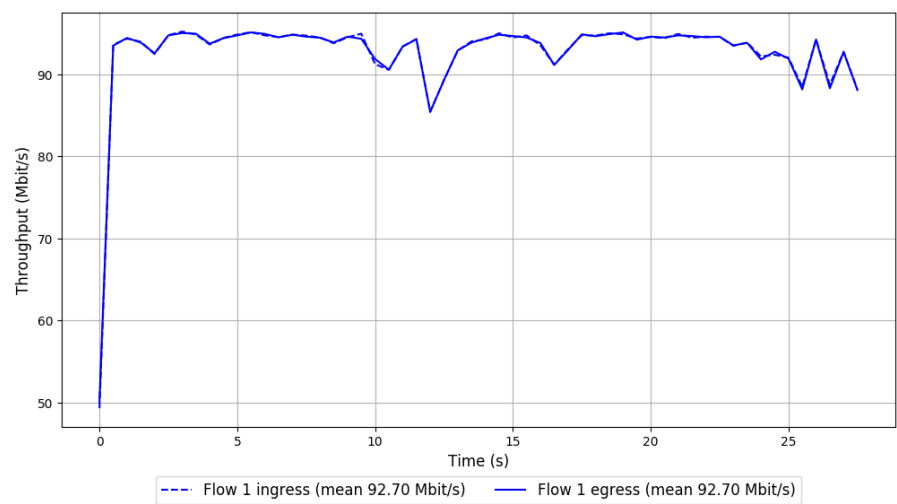
-- Flow 1:

Average throughput: 92.70 Mbit/s

95th percentile per-packet one-way delay: -1.570 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link

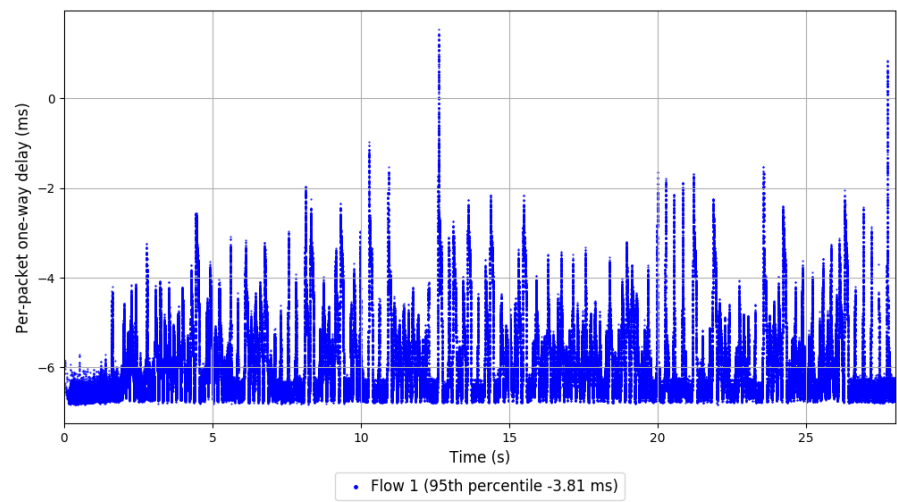
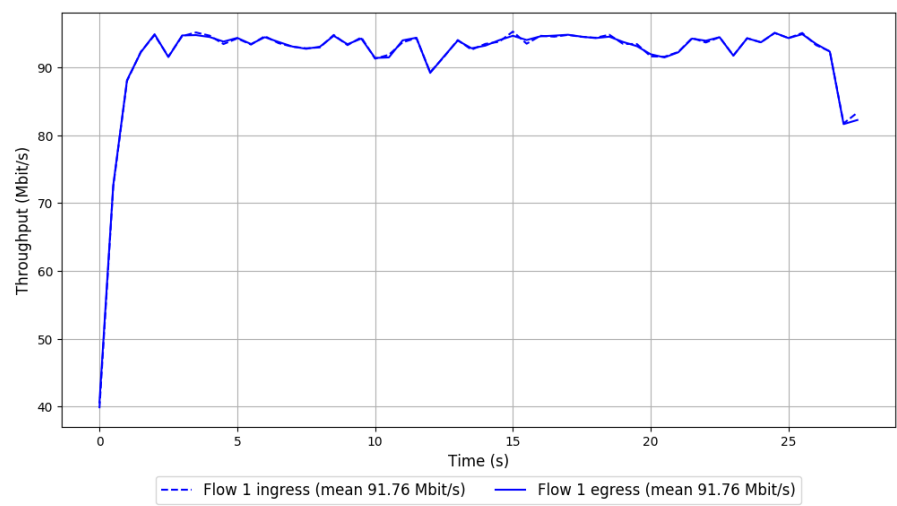


Run 2: Statistics of Copa

Start at: 2017-12-19 22:38:46  
End at: 2017-12-19 22:39:16  
Local clock offset: 0.949 ms  
Remote clock offset: -12.462 ms

# Below is generated by plot.py at 2017-12-20 01:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.76 Mbit/s  
95th percentile per-packet one-way delay: -3.806 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 91.76 Mbit/s  
95th percentile per-packet one-way delay: -3.806 ms  
Loss rate: 0.00%

Run 2: Report of Copa — Data Link



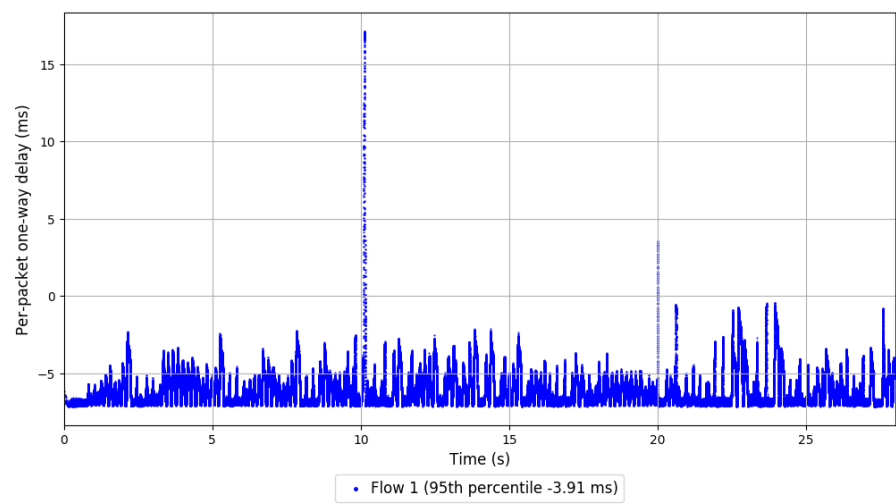
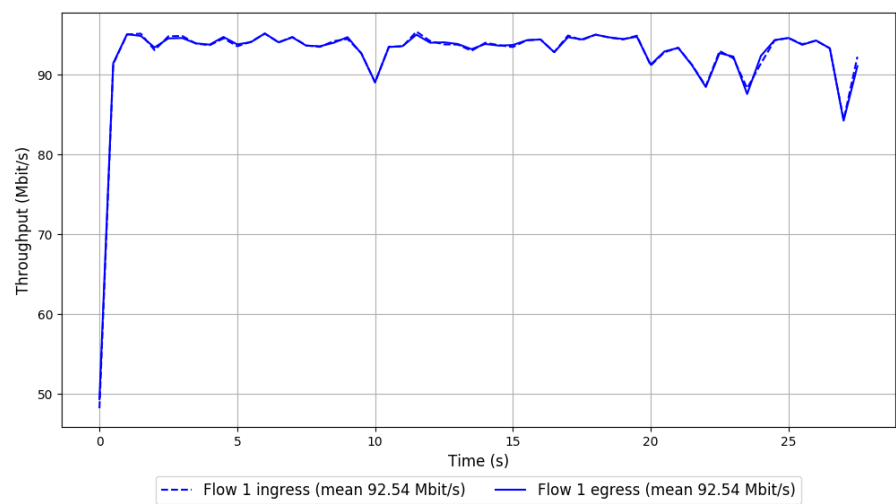
Run 3: Statistics of Copa

Start at: 2017-12-19 22:56:17  
End at: 2017-12-19 22:56:47  
Local clock offset: 1.336 ms  
Remote clock offset: -12.476 ms

# Below is generated by plot.py at 2017-12-20 01:53:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.54 Mbit/s  
95th percentile per-packet one-way delay: -3.912 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 92.54 Mbit/s  
95th percentile per-packet one-way delay: -3.912 ms  
Loss rate: 0.00%



Run 3: Report of Copa — Data Link

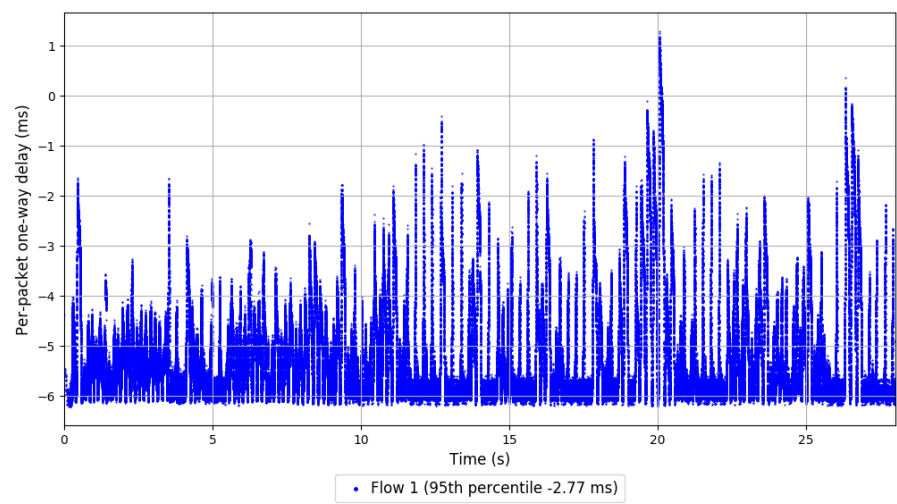
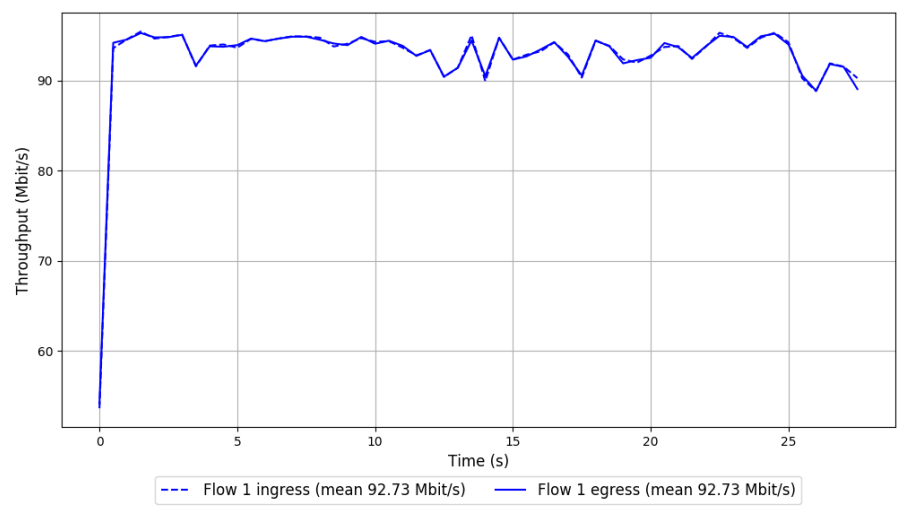


Run 4: Statistics of Copa

Start at: 2017-12-19 23:13:45  
End at: 2017-12-19 23:14:15  
Local clock offset: 0.603 ms  
Remote clock offset: -13.664 ms

# Below is generated by plot.py at 2017-12-20 01:53:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.73 Mbit/s  
95th percentile per-packet one-way delay: -2.774 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 92.73 Mbit/s  
95th percentile per-packet one-way delay: -2.774 ms  
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

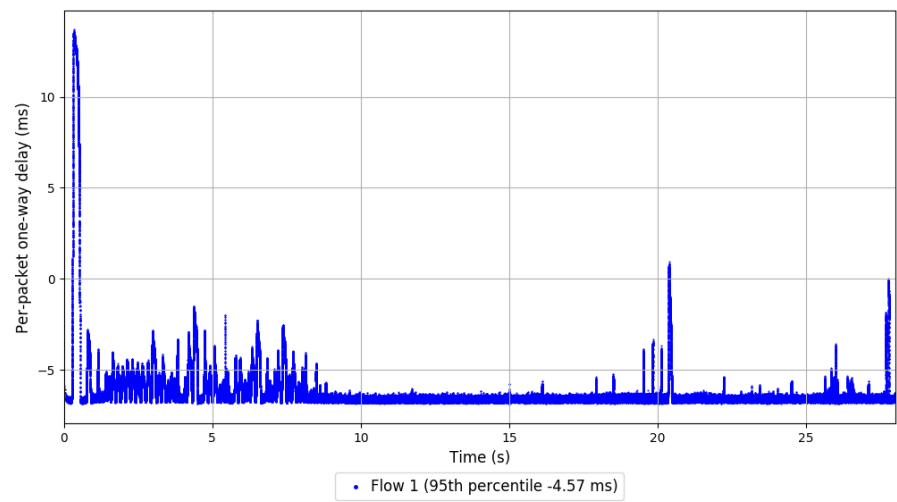
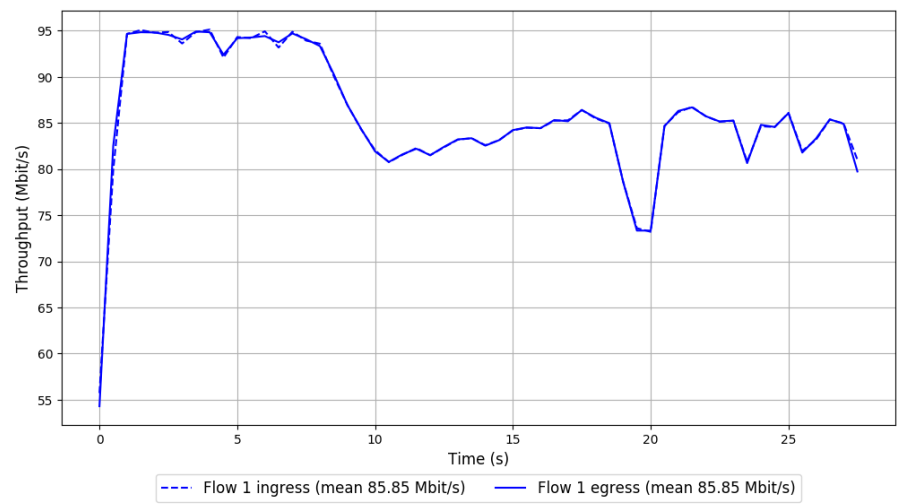


Run 5: Statistics of Copa

Start at: 2017-12-19 23:31:01  
End at: 2017-12-19 23:31:31  
Local clock offset: 1.988 ms  
Remote clock offset: -13.448 ms

# Below is generated by plot.py at 2017-12-20 01:53:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.85 Mbit/s  
95th percentile per-packet one-way delay: -4.569 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 85.85 Mbit/s  
95th percentile per-packet one-way delay: -4.569 ms  
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

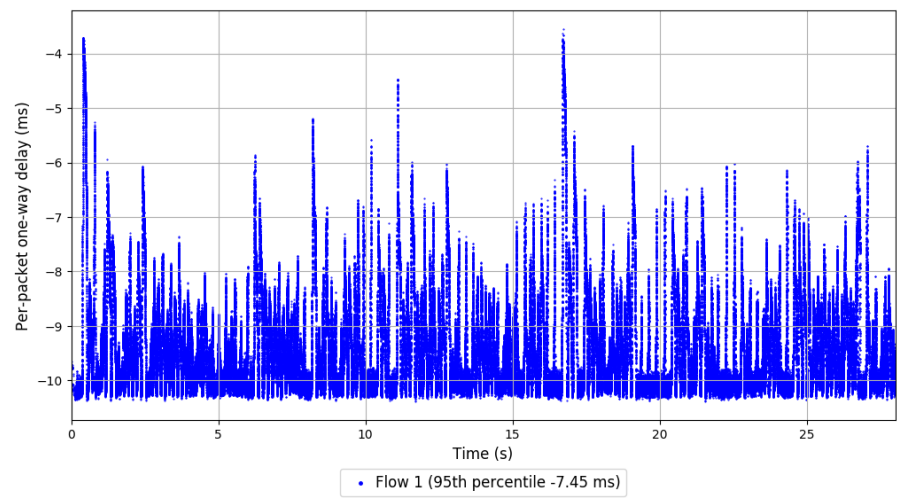
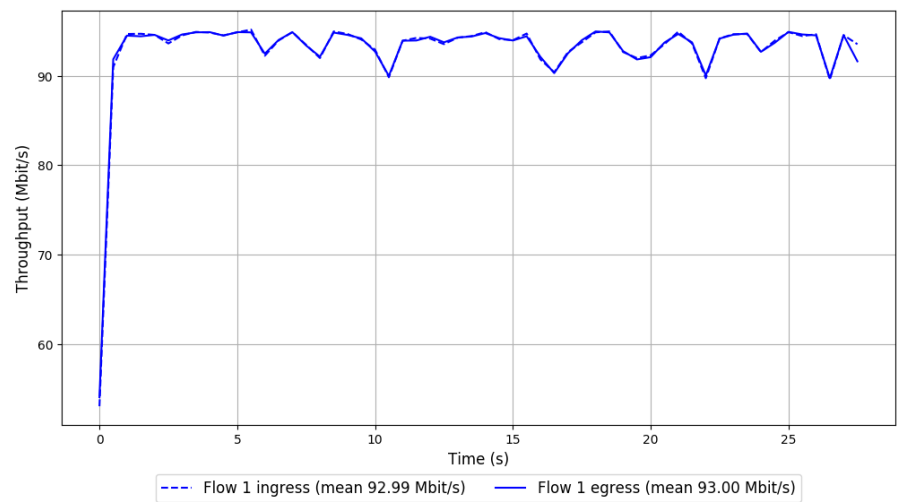


Run 6: Statistics of Copa

Start at: 2017-12-19 23:48:18  
End at: 2017-12-19 23:48:48  
Local clock offset: 3.595 ms  
Remote clock offset: -14.496 ms

# Below is generated by plot.py at 2017-12-20 01:53:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.00 Mbit/s  
95th percentile per-packet one-way delay: -7.445 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 93.00 Mbit/s  
95th percentile per-packet one-way delay: -7.445 ms  
Loss rate: 0.00%

Run 6: Report of Copa — Data Link



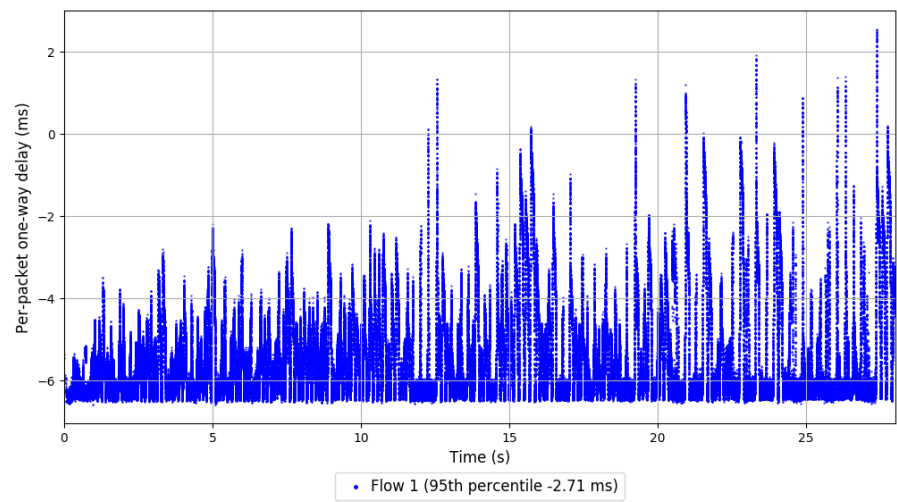
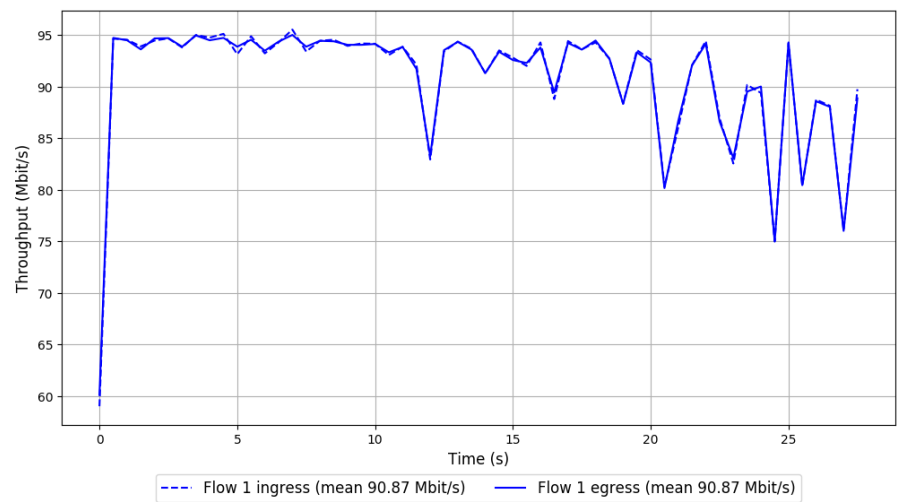
Run 7: Statistics of Copa

Start at: 2017-12-20 00:05:50  
End at: 2017-12-20 00:06:20  
Local clock offset: 3.2 ms  
Remote clock offset: -11.879 ms

# Below is generated by plot.py at 2017-12-20 01:53:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.87 Mbit/s  
95th percentile per-packet one-way delay: -2.715 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 90.87 Mbit/s  
95th percentile per-packet one-way delay: -2.715 ms  
Loss rate: 0.00%



Run 7: Report of Copa — Data Link

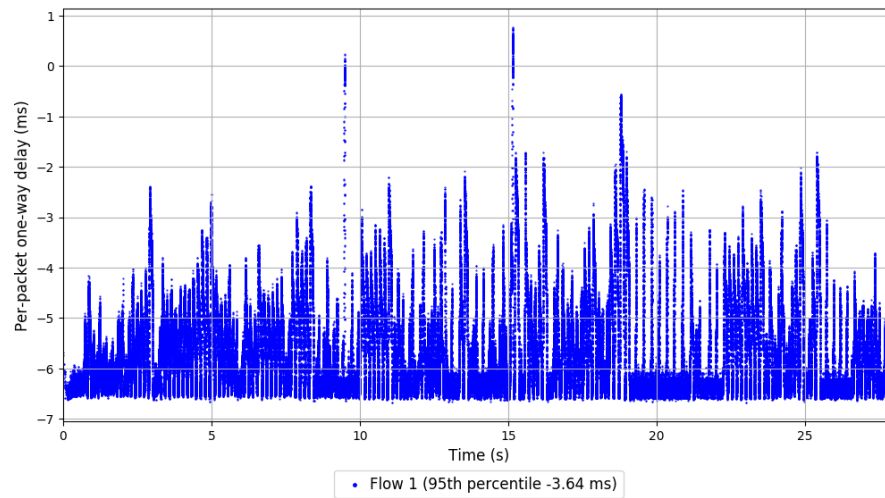
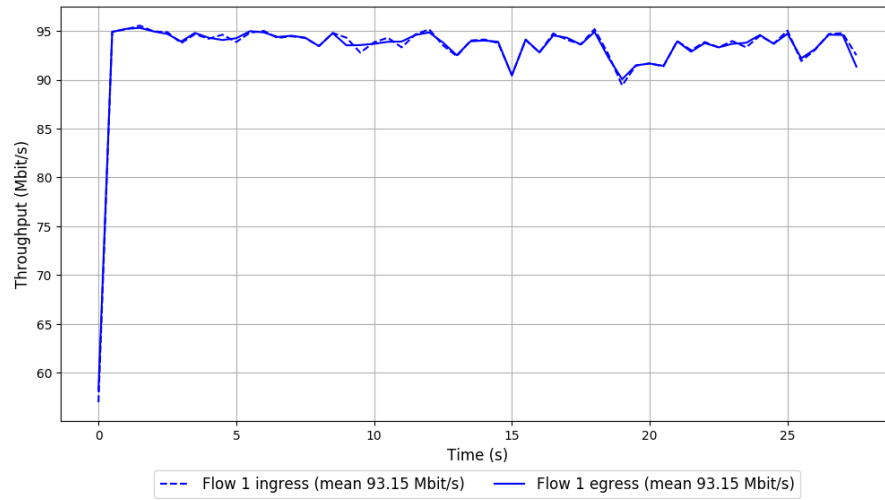


Run 8: Statistics of Copa

Start at: 2017-12-20 00:23:18  
End at: 2017-12-20 00:23:48  
Local clock offset: 0.843 ms  
Remote clock offset: -16.333 ms

# Below is generated by plot.py at 2017-12-20 01:53:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.15 Mbit/s  
95th percentile per-packet one-way delay: -3.643 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 93.15 Mbit/s  
95th percentile per-packet one-way delay: -3.643 ms  
Loss rate: 0.00%

### Run 8: Report of Copa — Data Link

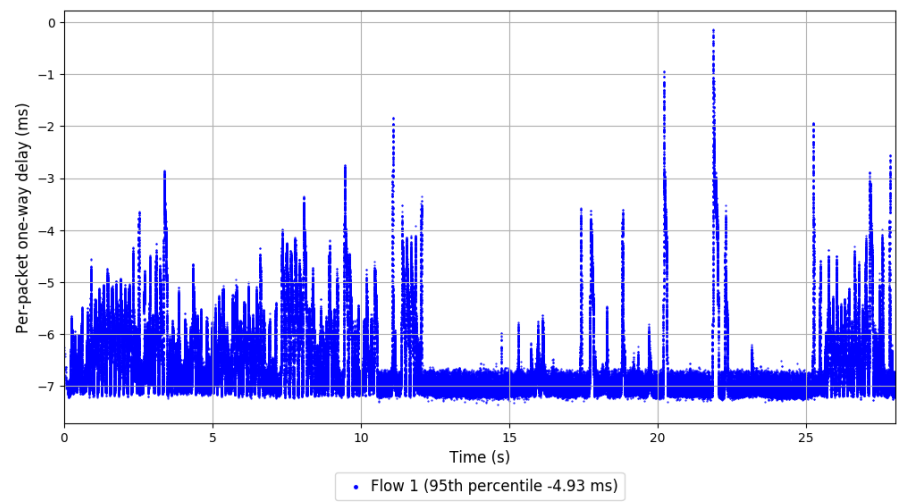
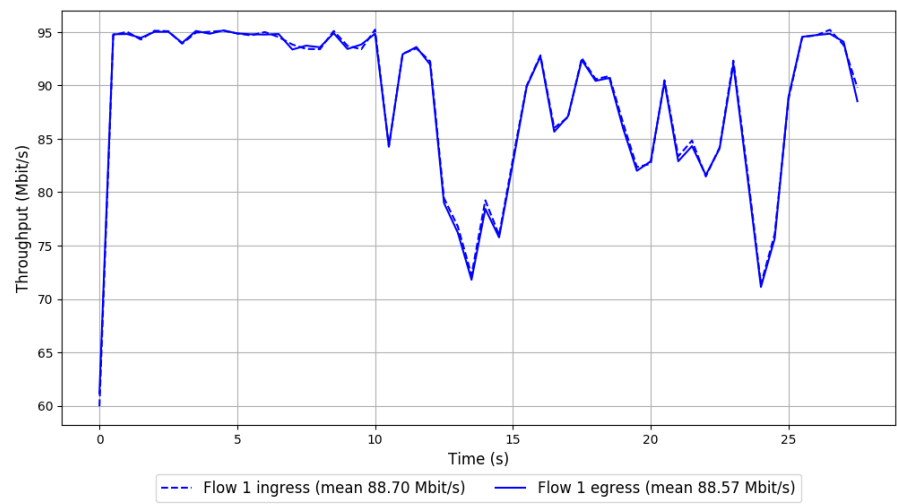


Run 9: Statistics of Copa

Start at: 2017-12-20 00:40:52  
End at: 2017-12-20 00:41:22  
Local clock offset: 1.225 ms  
Remote clock offset: -15.114 ms

# Below is generated by plot.py at 2017-12-20 01:54:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.57 Mbit/s  
95th percentile per-packet one-way delay: -4.926 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 88.57 Mbit/s  
95th percentile per-packet one-way delay: -4.926 ms  
Loss rate: 0.15%

Run 9: Report of Copa — Data Link

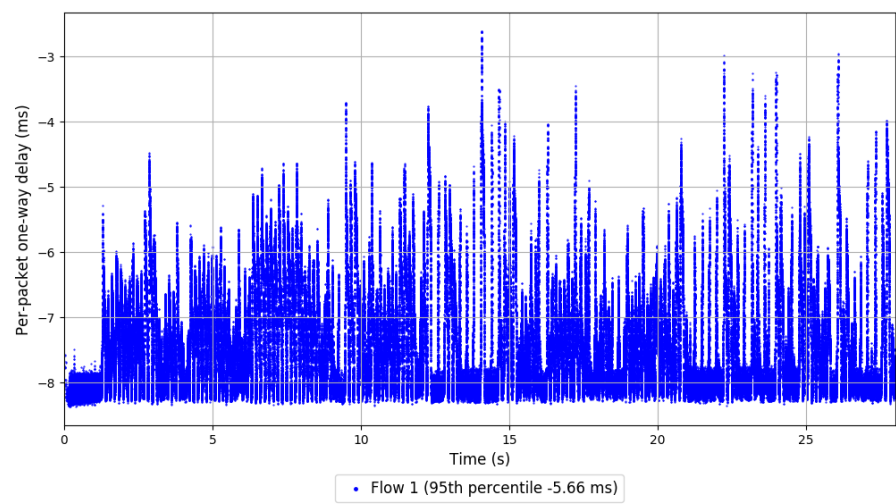
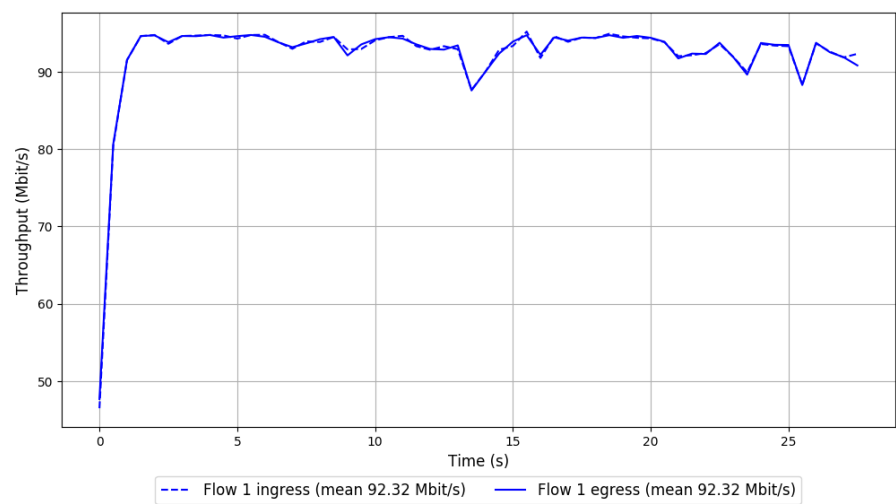


Run 10: Statistics of Copa

Start at: 2017-12-20 00:58:30  
End at: 2017-12-20 00:59:00  
Local clock offset: 2.883 ms  
Remote clock offset: -14.033 ms

# Below is generated by plot.py at 2017-12-20 01:55:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.32 Mbit/s  
95th percentile per-packet one-way delay: -5.657 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 92.32 Mbit/s  
95th percentile per-packet one-way delay: -5.657 ms  
Loss rate: 0.00%

Run 10: Report of Copa — Data Link



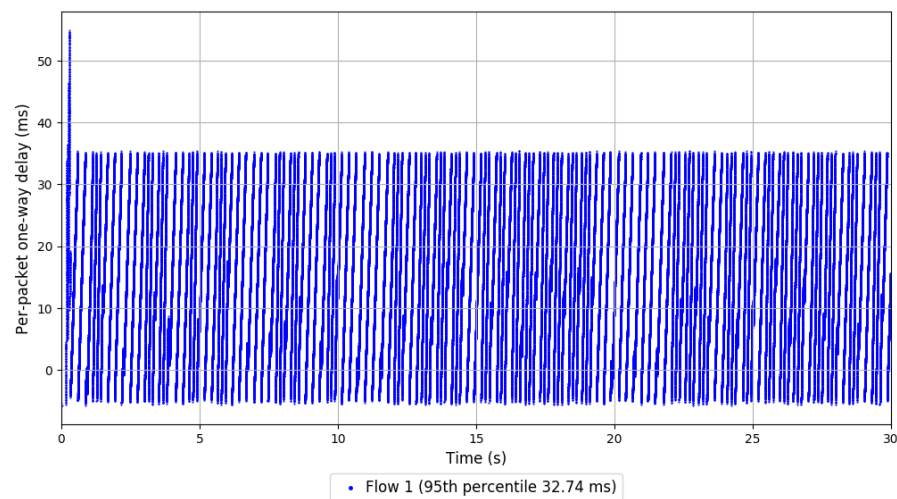
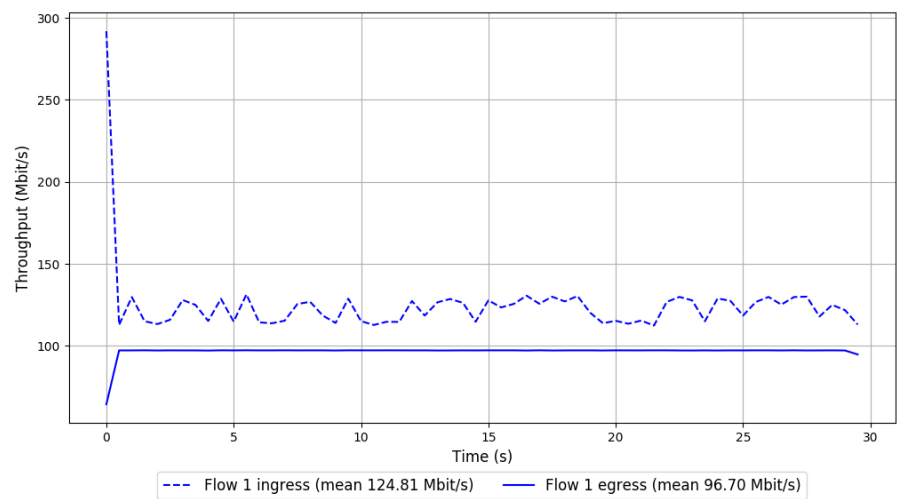
Run 1: Statistics of FillP

Start at: 2017-12-19 22:17:59  
End at: 2017-12-19 22:18:29  
Local clock offset: -1.358 ms  
Remote clock offset: -13.774 ms

# Below is generated by plot.py at 2017-12-20 01:55:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.70 Mbit/s  
95th percentile per-packet one-way delay: 32.738 ms  
Loss rate: 22.47%  
-- Flow 1:  
Average throughput: 96.70 Mbit/s  
95th percentile per-packet one-way delay: 32.738 ms  
Loss rate: 22.47%



Run 1: Report of FillP — Data Link

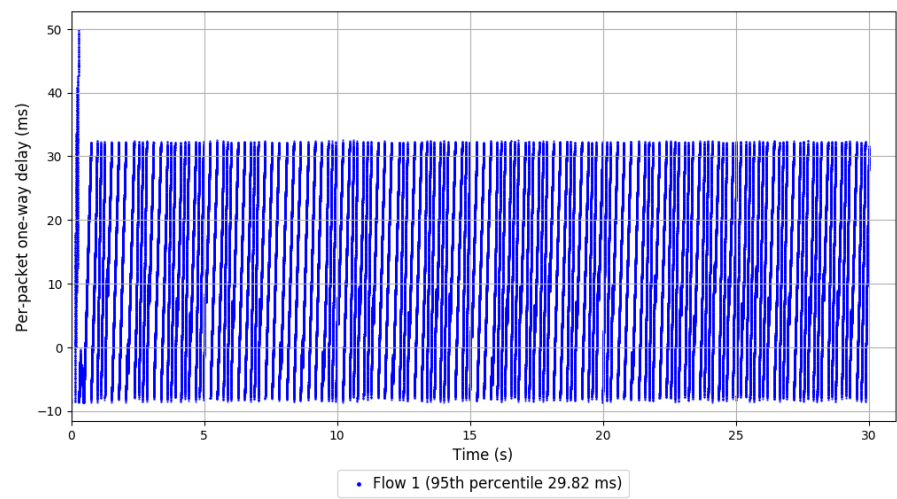
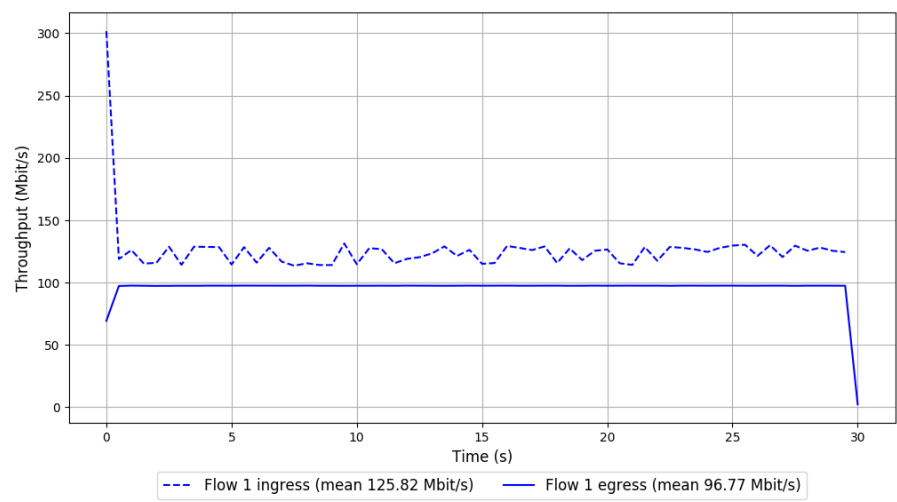


Run 2: Statistics of FillP

Start at: 2017-12-19 22:35:15  
End at: 2017-12-19 22:35:45  
Local clock offset: 2.817 ms  
Remote clock offset: -12.354 ms

# Below is generated by plot.py at 2017-12-20 01:55:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.77 Mbit/s  
95th percentile per-packet one-way delay: 29.817 ms  
Loss rate: 22.99%  
-- Flow 1:  
Average throughput: 96.77 Mbit/s  
95th percentile per-packet one-way delay: 29.817 ms  
Loss rate: 22.99%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

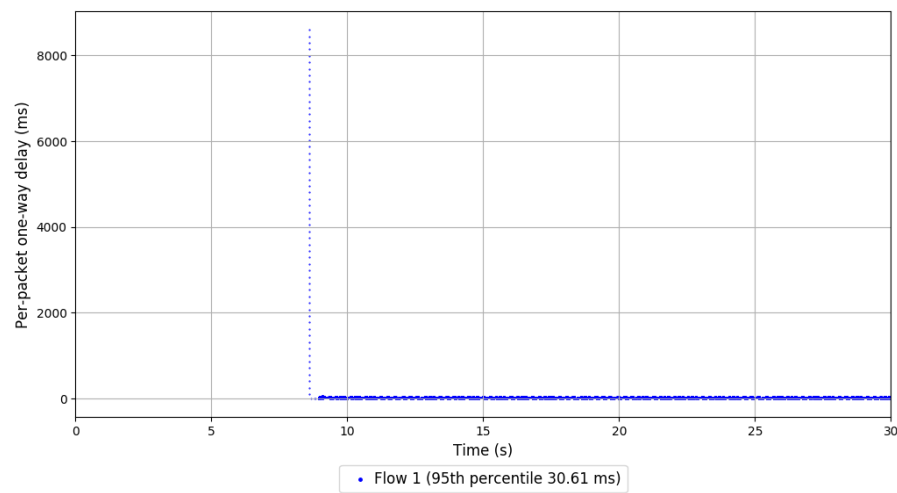
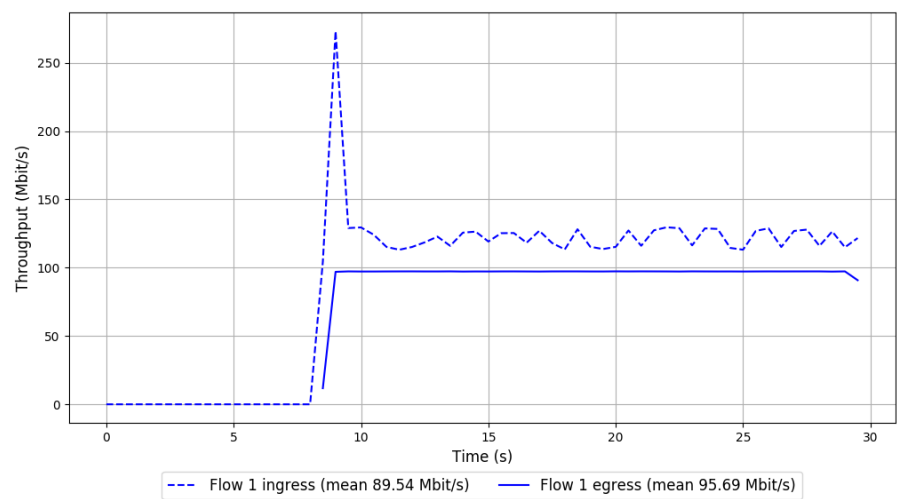
Start at: 2017-12-19 22:52:46

End at: 2017-12-19 22:53:16

Local clock offset: 1.941 ms

Remote clock offset: -13.567 ms

Run 3: Report of FillP — Data Link

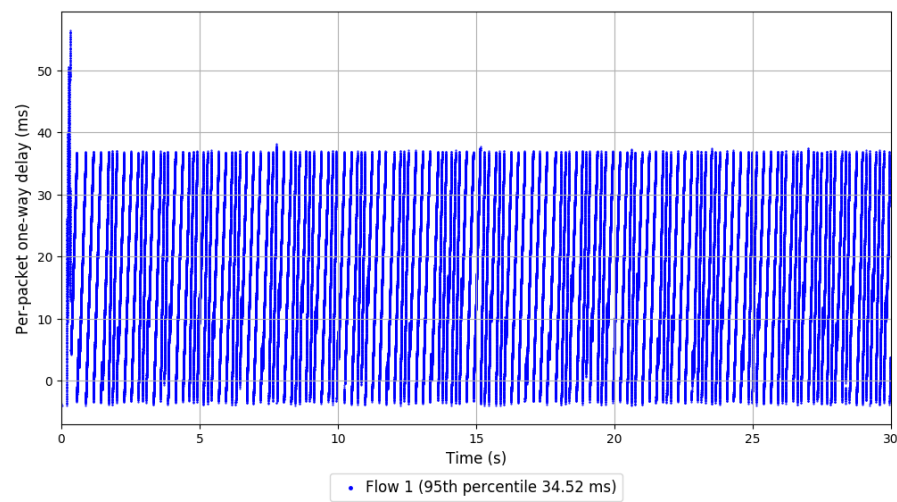
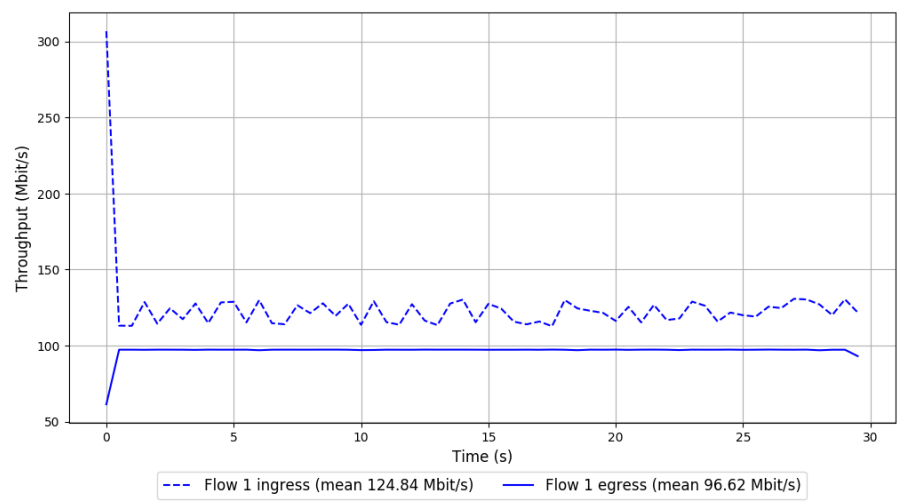


Run 4: Statistics of FillP

Start at: 2017-12-19 23:10:11  
End at: 2017-12-19 23:10:41  
Local clock offset: 0.547 ms  
Remote clock offset: -11.45 ms

# Below is generated by plot.py at 2017-12-20 01:55:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.62 Mbit/s  
95th percentile per-packet one-way delay: 34.515 ms  
Loss rate: 22.59%  
-- Flow 1:  
Average throughput: 96.62 Mbit/s  
95th percentile per-packet one-way delay: 34.515 ms  
Loss rate: 22.59%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2017-12-19 23:27:34

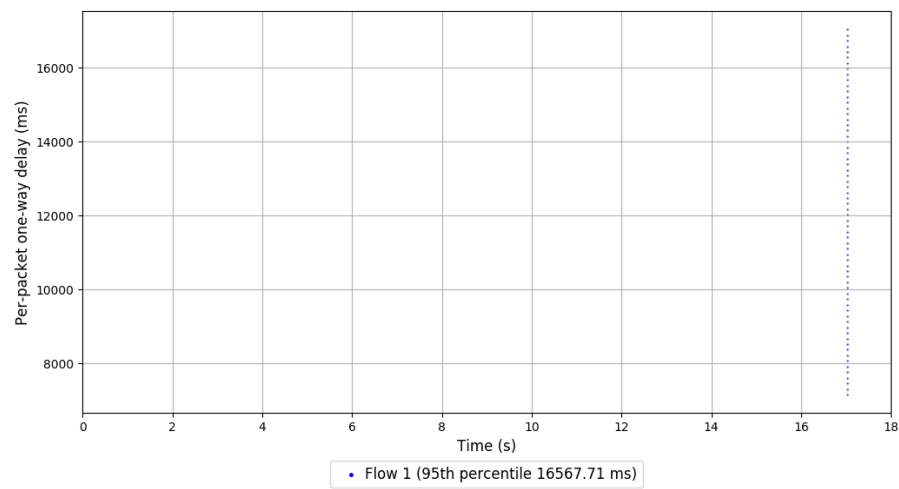
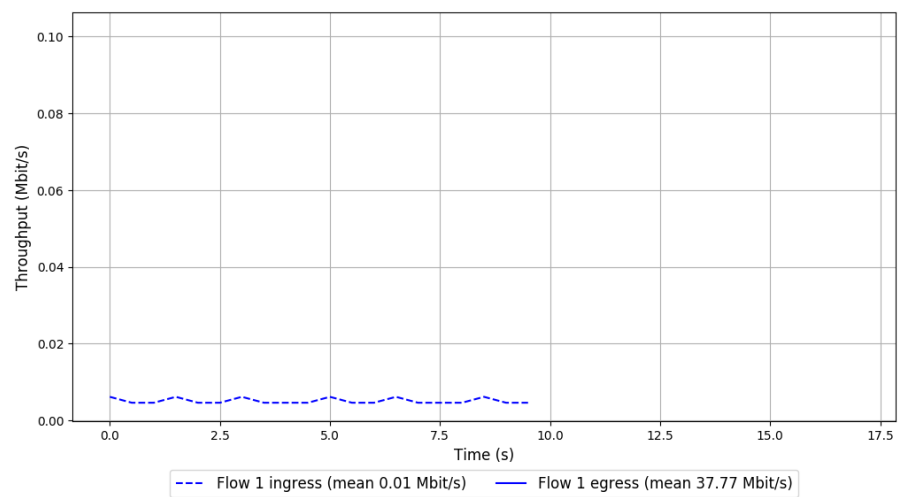
End at: 2017-12-19 23:28:04

Local clock offset: -0.01 ms

Remote clock offset: -12.953 ms



Run 5: Report of FillP — Data Link

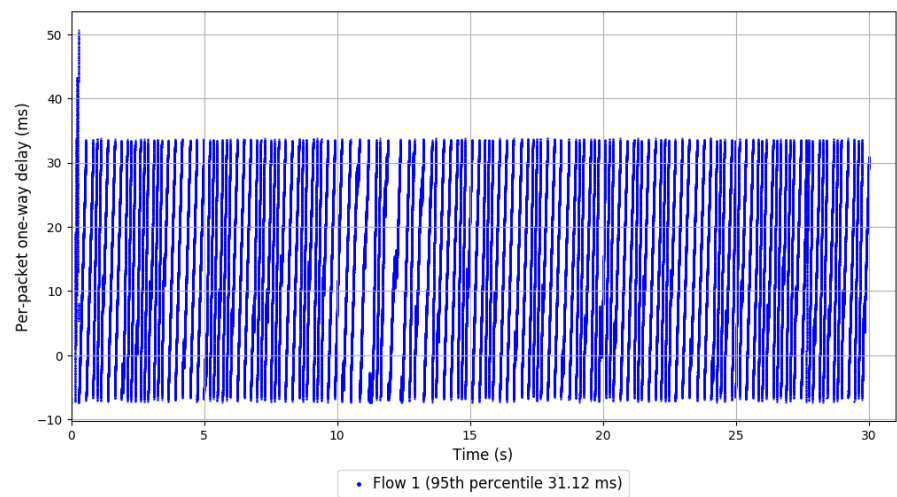
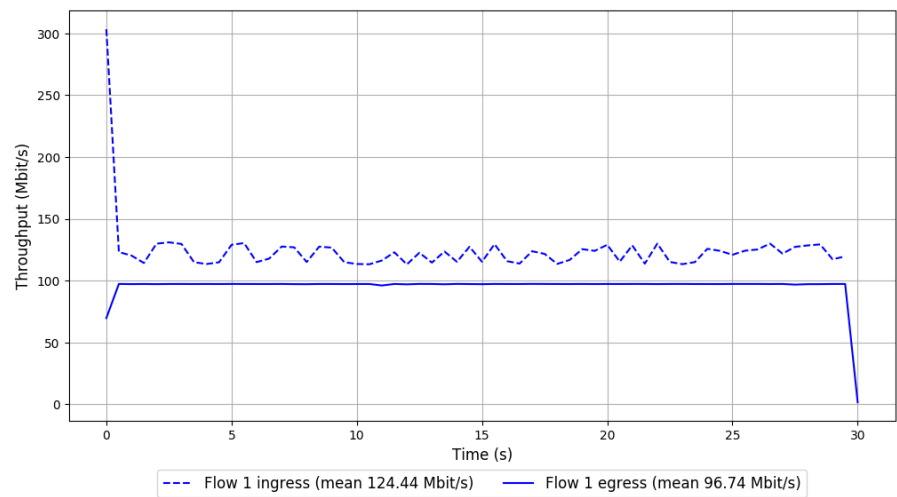


Run 6: Statistics of FillP

Start at: 2017-12-19 23:44:46  
End at: 2017-12-19 23:45:17  
Local clock offset: 1.34 ms  
Remote clock offset: -13.78 ms

# Below is generated by plot.py at 2017-12-20 01:55:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.74 Mbit/s  
95th percentile per-packet one-way delay: 31.118 ms  
Loss rate: 22.16%  
-- Flow 1:  
Average throughput: 96.74 Mbit/s  
95th percentile per-packet one-way delay: 31.118 ms  
Loss rate: 22.16%

Run 6: Report of FillP — Data Link

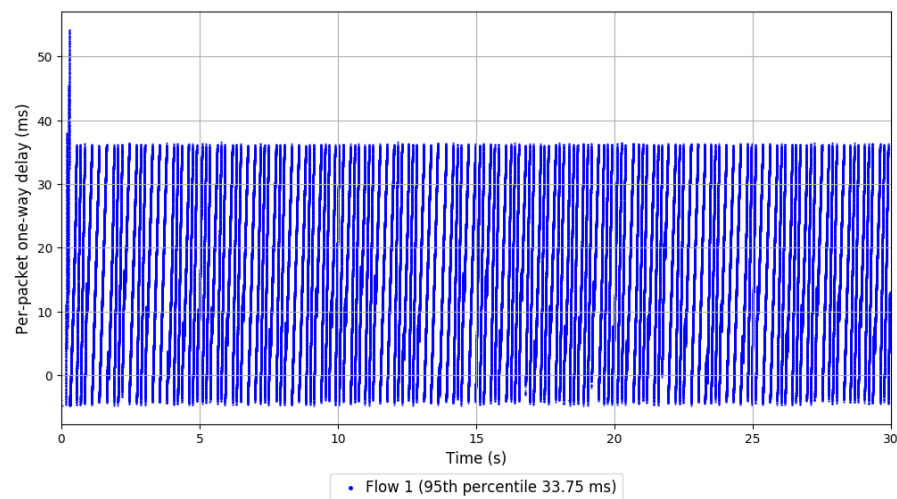
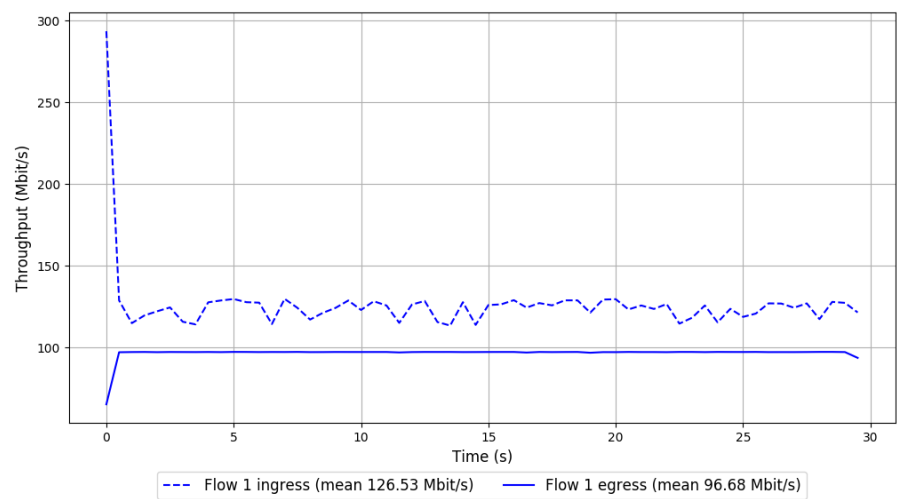


Run 7: Statistics of FillP

Start at: 2017-12-20 00:02:16  
End at: 2017-12-20 00:02:46  
Local clock offset: 0.481 ms  
Remote clock offset: -12.374 ms

# Below is generated by plot.py at 2017-12-20 01:55:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.68 Mbit/s  
95th percentile per-packet one-way delay: 33.751 ms  
Loss rate: 23.56%  
-- Flow 1:  
Average throughput: 96.68 Mbit/s  
95th percentile per-packet one-way delay: 33.751 ms  
Loss rate: 23.56%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

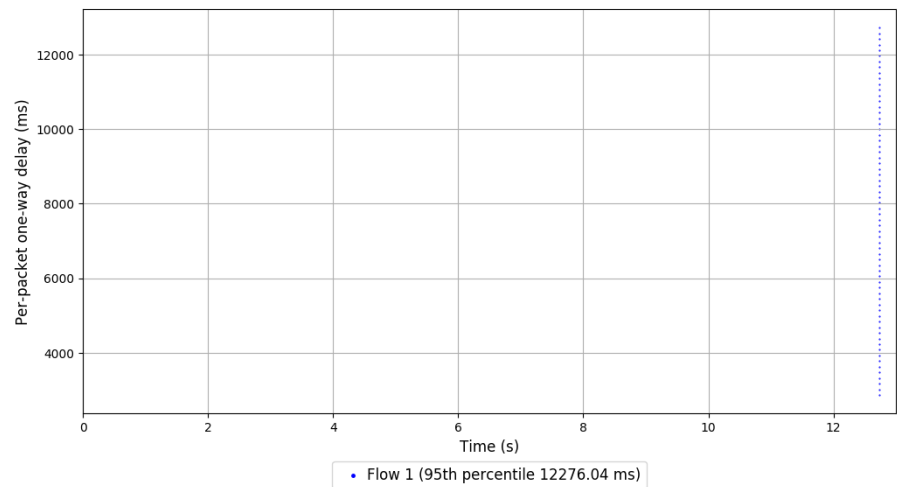
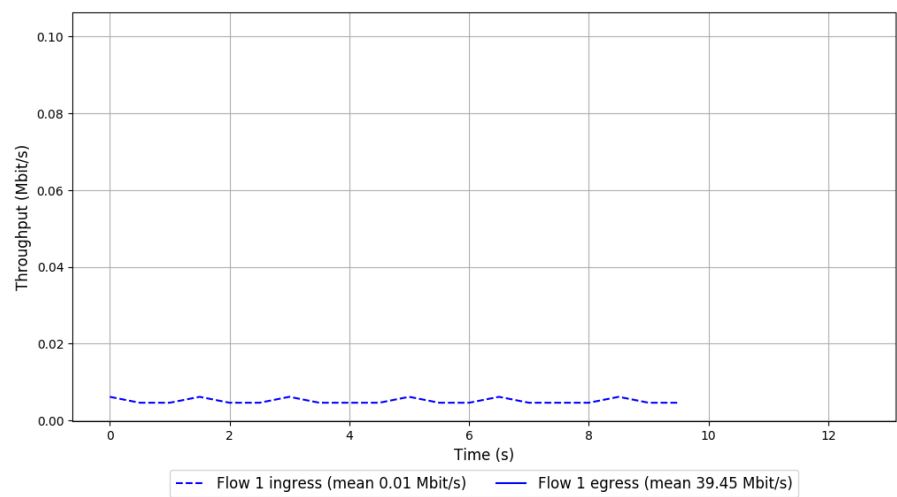
Start at: 2017-12-20 00:19:54

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

Local clock offset: 2.856 ms

Remote clock offset: -14.33 ms

Run 8: Report of FillP — Data Link



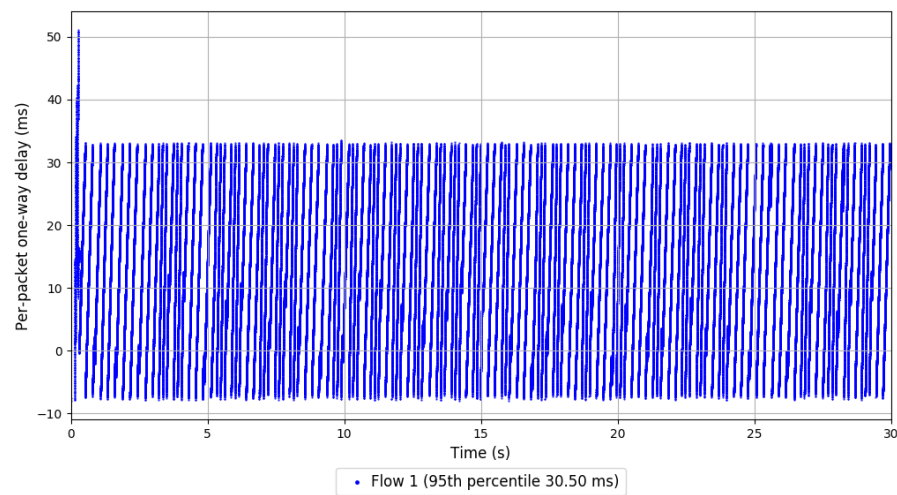
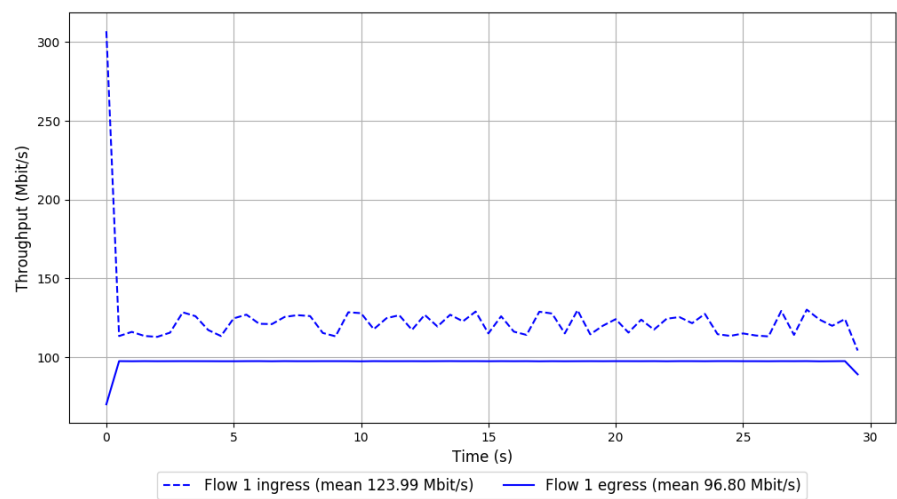
Run 9: Statistics of FillP

Start at: 2017-12-20 00:37:16  
End at: 2017-12-20 00:37:46  
Local clock offset: 1.523 ms  
Remote clock offset: -15.763 ms

# Below is generated by plot.py at 2017-12-20 01:56:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.80 Mbit/s  
95th percentile per-packet one-way delay: 30.502 ms  
Loss rate: 21.89%  
-- Flow 1:  
Average throughput: 96.80 Mbit/s  
95th percentile per-packet one-way delay: 30.502 ms  
Loss rate: 21.89%



Run 9: Report of FillP — Data Link

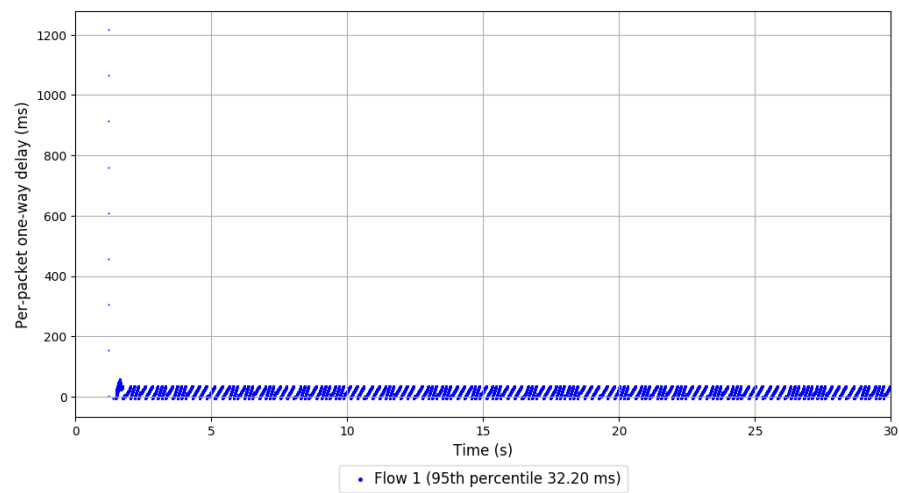
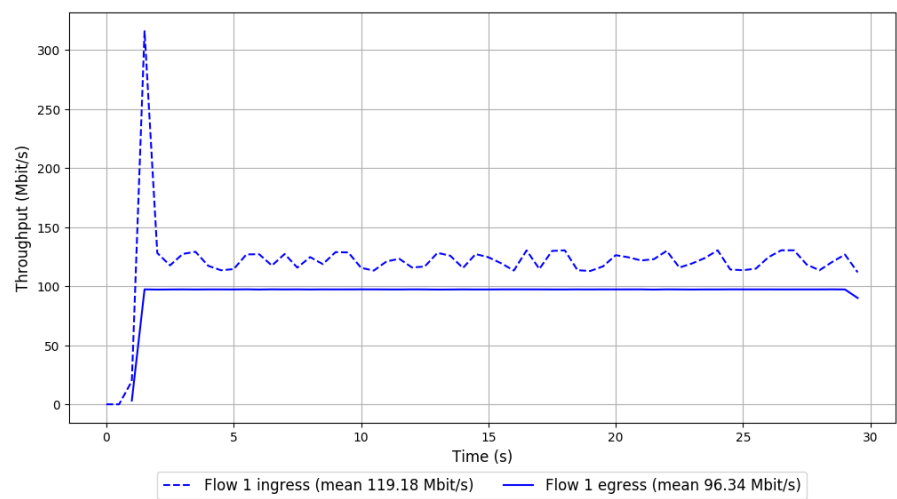


Run 10: Statistics of FillP

Start at: 2017-12-20 00:54:56  
End at: 2017-12-20 00:55:26  
Local clock offset: 0.435 ms  
Remote clock offset: -15.385 ms

# Below is generated by plot.py at 2017-12-20 01:56:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.34 Mbit/s  
95th percentile per-packet one-way delay: 32.200 ms  
Loss rate: 22.39%  
-- Flow 1:  
Average throughput: 96.34 Mbit/s  
95th percentile per-packet one-way delay: 32.200 ms  
Loss rate: 22.39%

Run 10: Report of FillP — Data Link

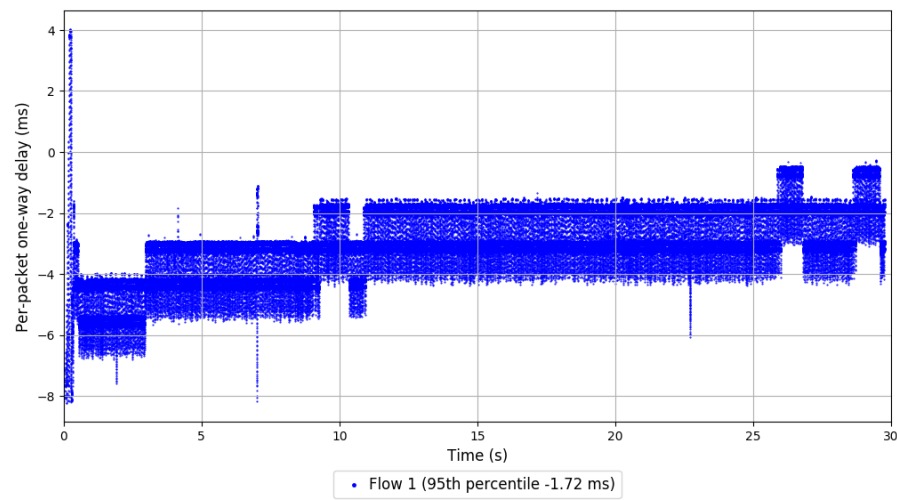
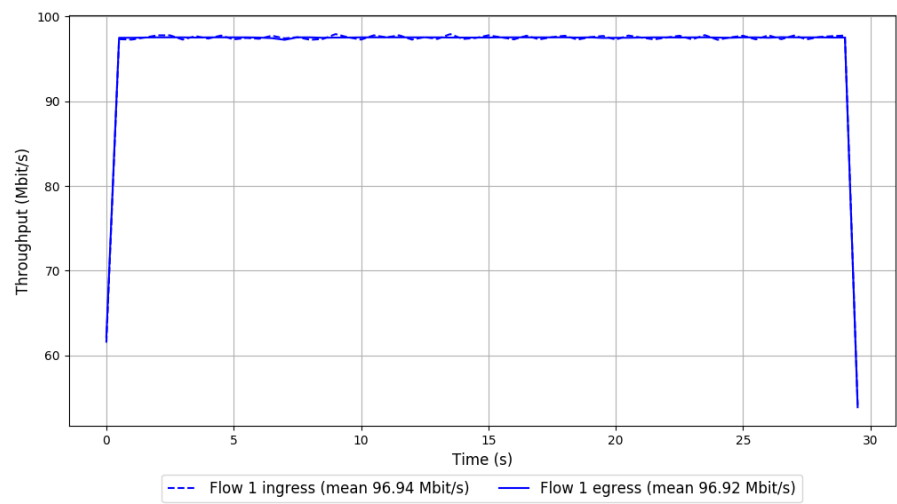


```
Run 1: Statistics of Indigo

Start at: 2017-12-19 22:34:03
End at: 2017-12-19 22:34:33
Local clock offset: 2.493 ms
Remote clock offset: -13.176 ms

# Below is generated by plot.py at 2017-12-20 01:56:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: -1.717 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: -1.717 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-12-19 22:51:26

End at: 2017-12-19 22:51:56

Local clock offset: 0.255 ms

Remote clock offset: -12.838 ms

# Below is generated by plot.py at 2017-12-20 01:56:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.88 Mbit/s

95th percentile per-packet one-way delay: 0.980 ms

Loss rate: 0.00%

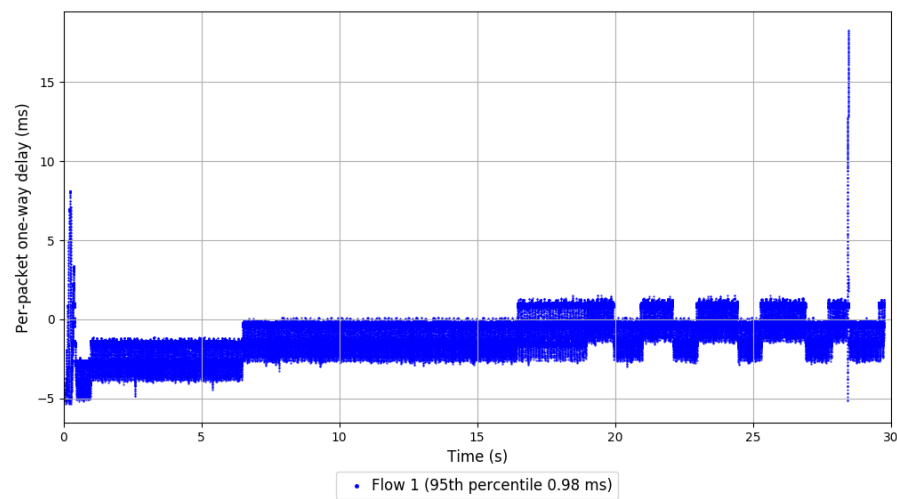
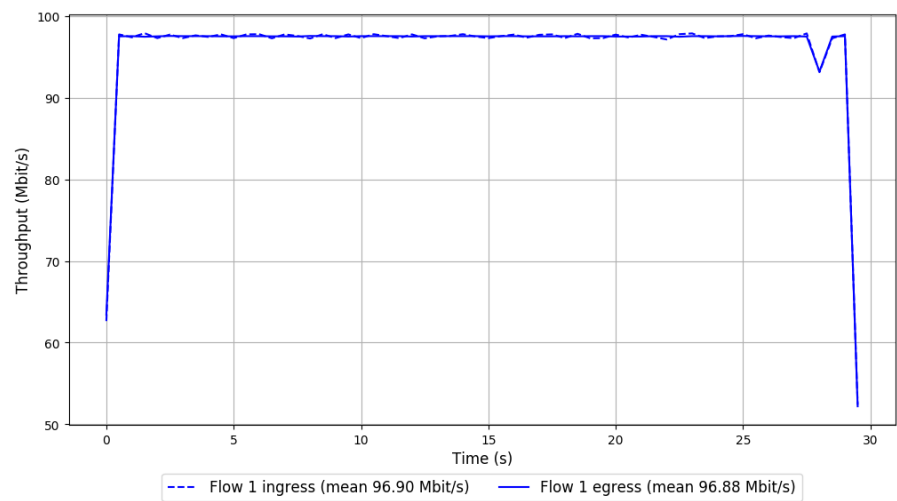
-- Flow 1:

Average throughput: 96.88 Mbit/s

95th percentile per-packet one-way delay: 0.980 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-12-19 23:08:59

End at: 2017-12-19 23:09:29

Local clock offset: 0.37 ms

Remote clock offset: -13.119 ms

# Below is generated by plot.py at 2017-12-20 01:56:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 0.828 ms

Loss rate: 0.00%

-- Flow 1:

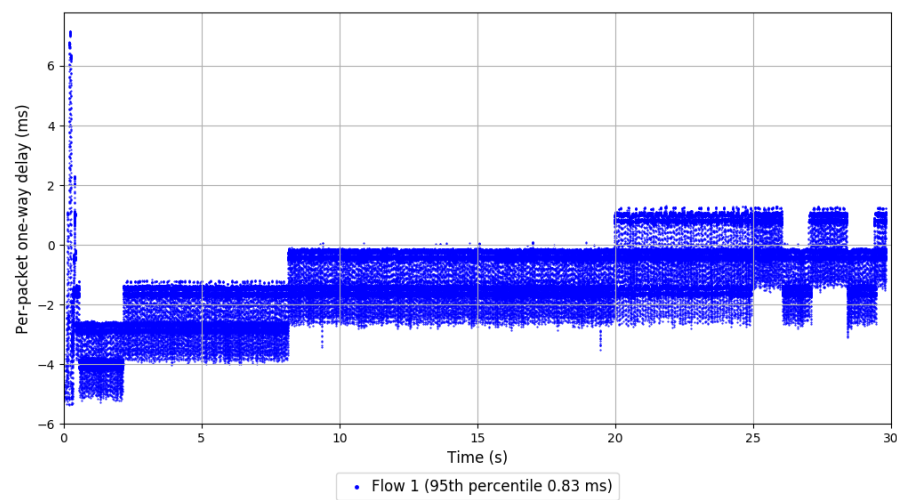
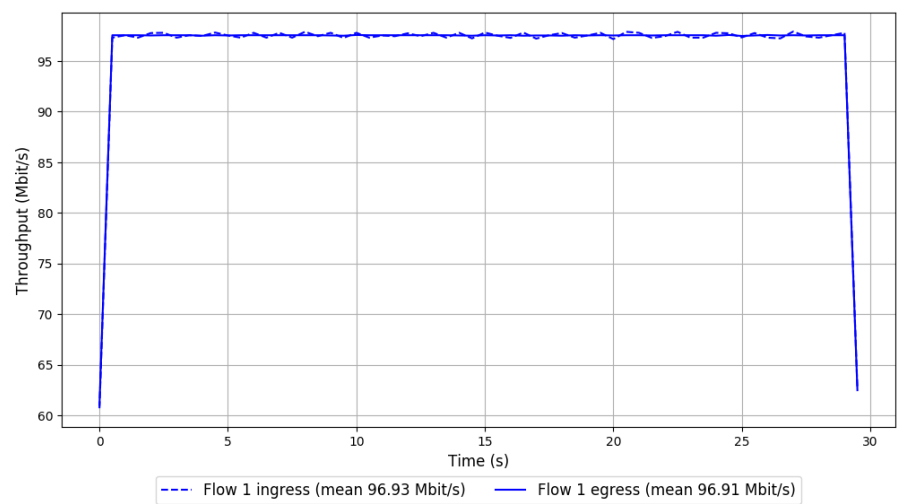
Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 0.828 ms

Loss rate: 0.00%



Run 3: Report of Indigo — Data Link

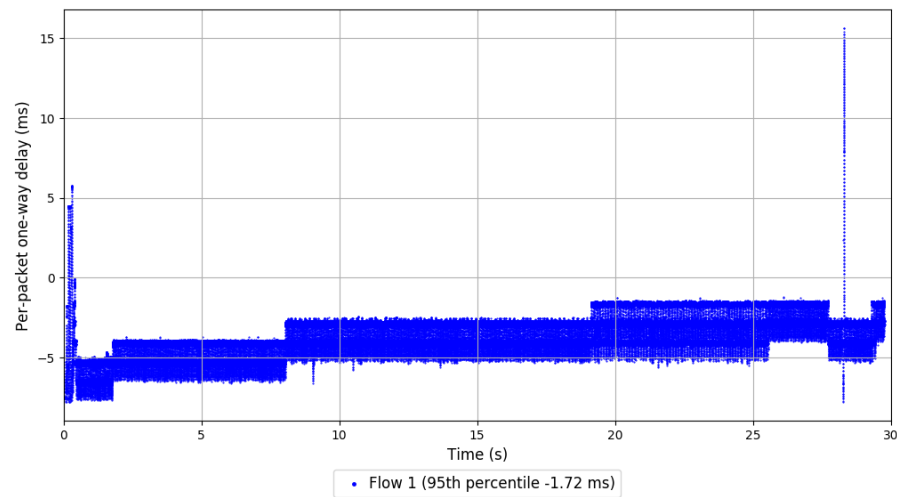
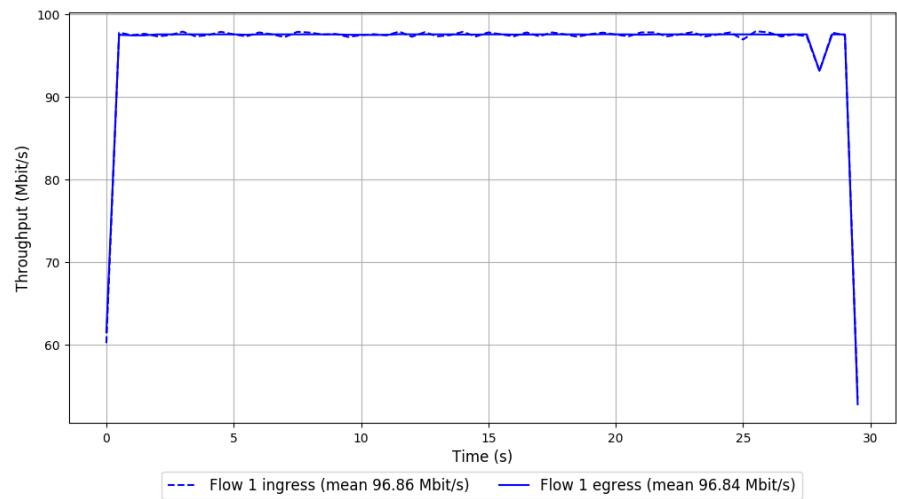


Run 4: Statistics of Indigo

Start at: 2017-12-19 23:26:23  
End at: 2017-12-19 23:26:53  
Local clock offset: 3.118 ms  
Remote clock offset: -12.112 ms

# Below is generated by plot.py at 2017-12-20 01:56:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.84 Mbit/s  
95th percentile per-packet one-way delay: -1.716 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.84 Mbit/s  
95th percentile per-packet one-way delay: -1.716 ms  
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

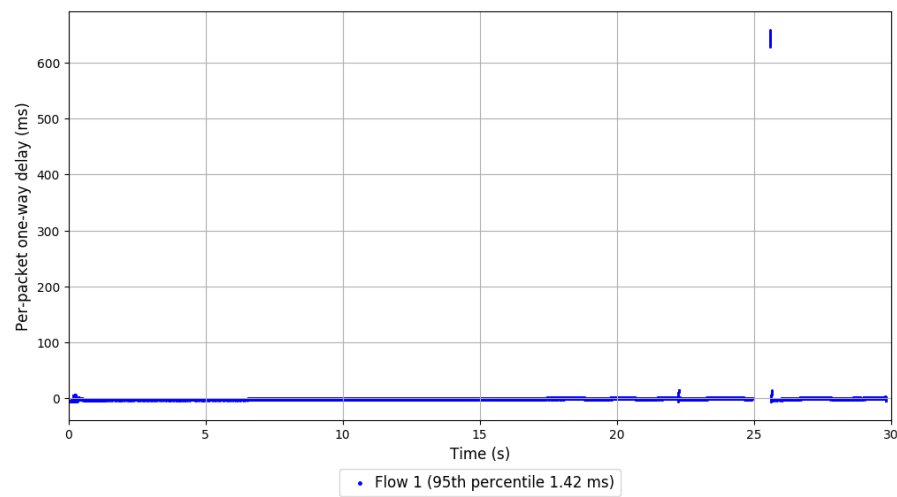
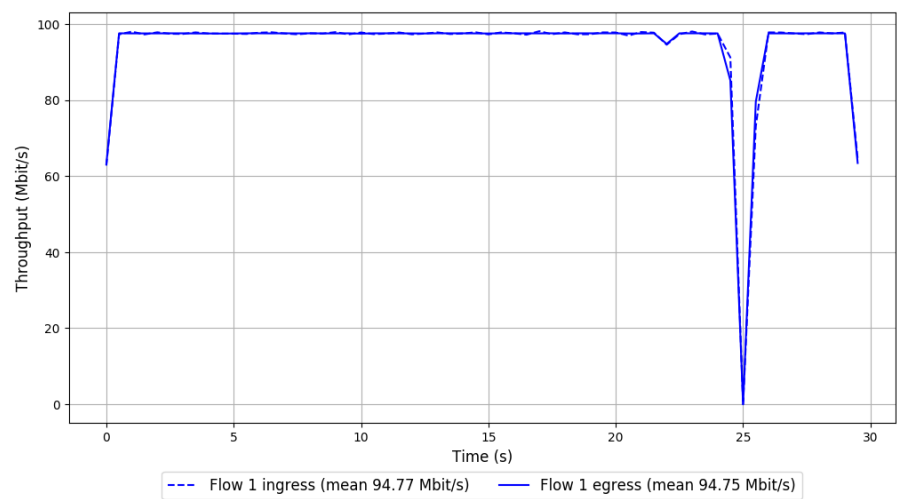


Run 5: Statistics of Indigo

Start at: 2017-12-19 23:43:35  
End at: 2017-12-19 23:44:05  
Local clock offset: 1.344 ms  
Remote clock offset: -12.363 ms

# Below is generated by plot.py at 2017-12-20 01:56:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.75 Mbit/s  
95th percentile per-packet one-way delay: 1.419 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 94.75 Mbit/s  
95th percentile per-packet one-way delay: 1.419 ms  
Loss rate: 0.02%

Run 5: Report of Indigo — Data Link

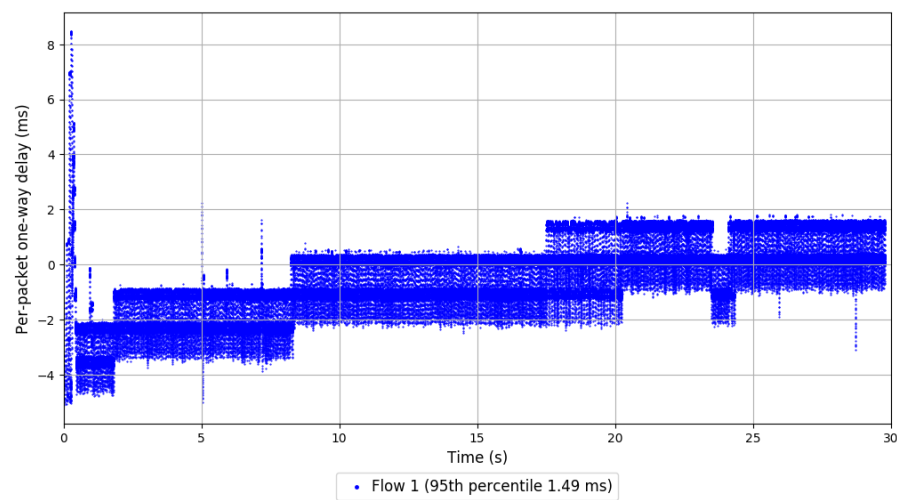
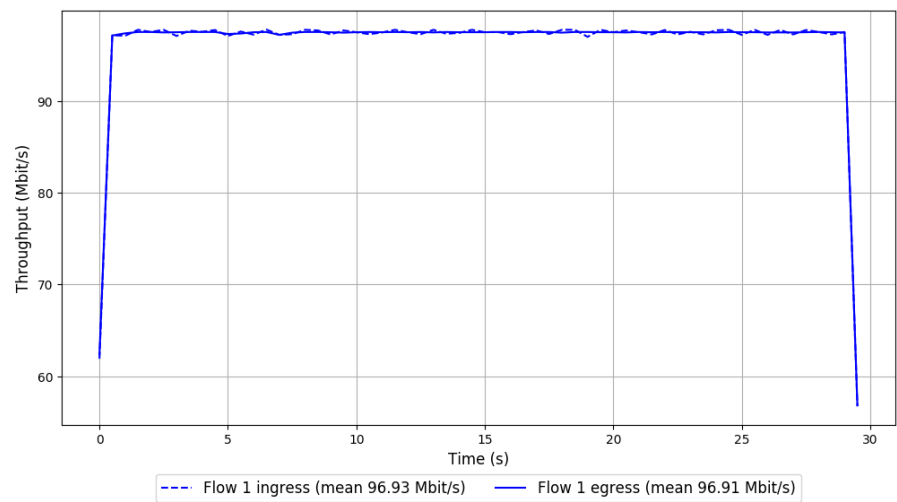


Run 6: Statistics of Indigo

Start at: 2017-12-20 00:01:02  
End at: 2017-12-20 00:01:32  
Local clock offset: 1.095 ms  
Remote clock offset: -12.091 ms

# Below is generated by plot.py at 2017-12-20 01:56:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.91 Mbit/s  
95th percentile per-packet one-way delay: 1.492 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.91 Mbit/s  
95th percentile per-packet one-way delay: 1.492 ms  
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link



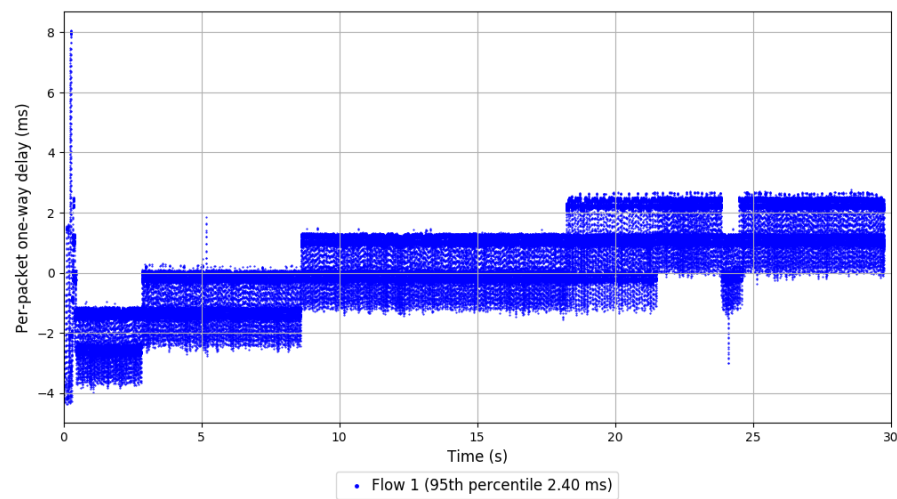
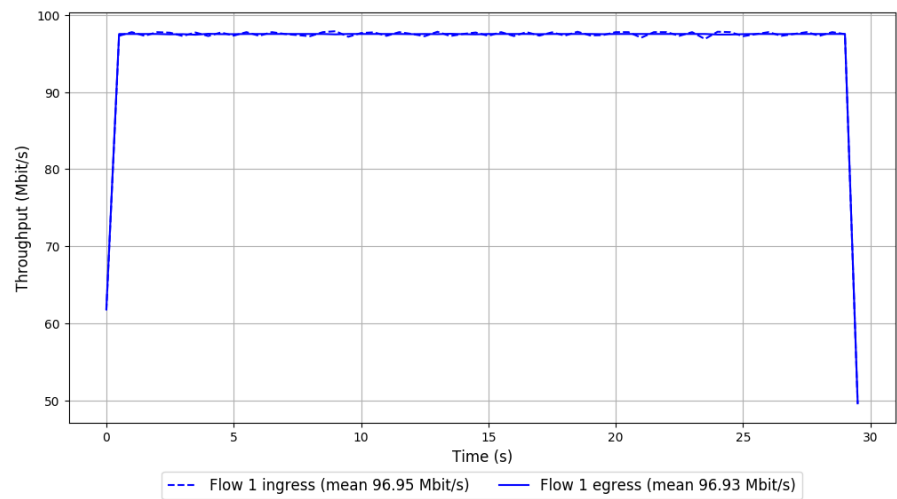
Run 7: Statistics of Indigo

Start at: 2017-12-20 00:18:42  
End at: 2017-12-20 00:19:12  
Local clock offset: 0.931 ms  
Remote clock offset: -14.073 ms

# Below is generated by plot.py at 2017-12-20 01:57:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.93 Mbit/s  
95th percentile per-packet one-way delay: 2.400 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.93 Mbit/s  
95th percentile per-packet one-way delay: 2.400 ms  
Loss rate: 0.00%



Run 7: Report of Indigo — Data Link

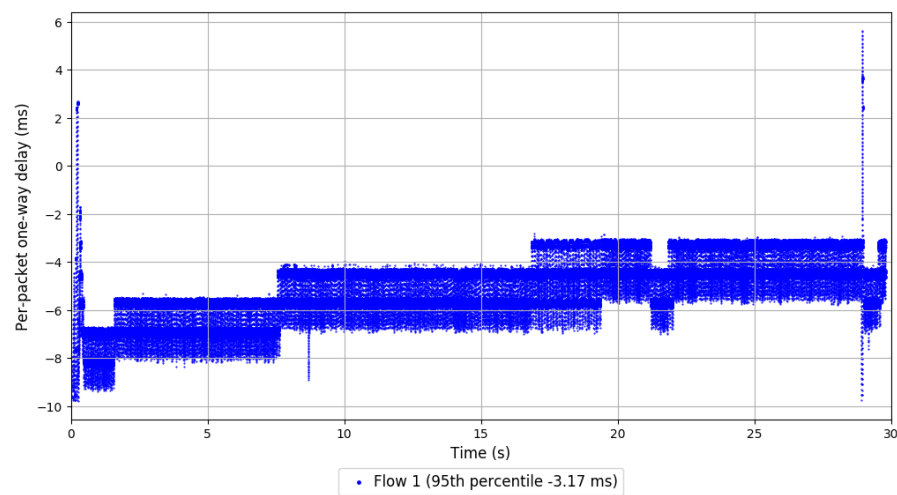
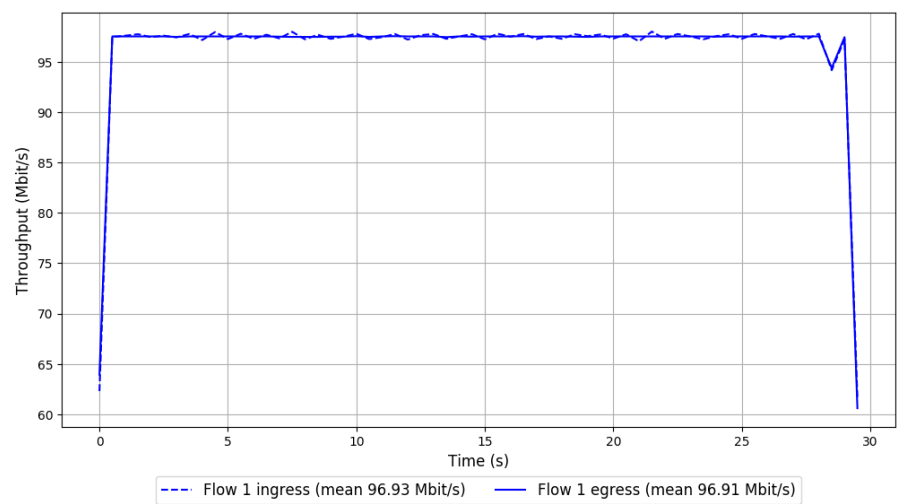


Run 8: Statistics of Indigo

Start at: 2017-12-20 00:36:01  
End at: 2017-12-20 00:36:31  
Local clock offset: 3.517 ms  
Remote clock offset: -15.524 ms

# Below is generated by plot.py at 2017-12-20 01:57:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.91 Mbit/s  
95th percentile per-packet one-way delay: -3.169 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.91 Mbit/s  
95th percentile per-packet one-way delay: -3.169 ms  
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-12-20 00:53:35

End at: 2017-12-20 00:54:05

Local clock offset: 2.186 ms

Remote clock offset: -11.997 ms

# Below is generated by plot.py at 2017-12-20 01:57:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.81 Mbit/s

95th percentile per-packet one-way delay: 2.275 ms

Loss rate: 0.00%

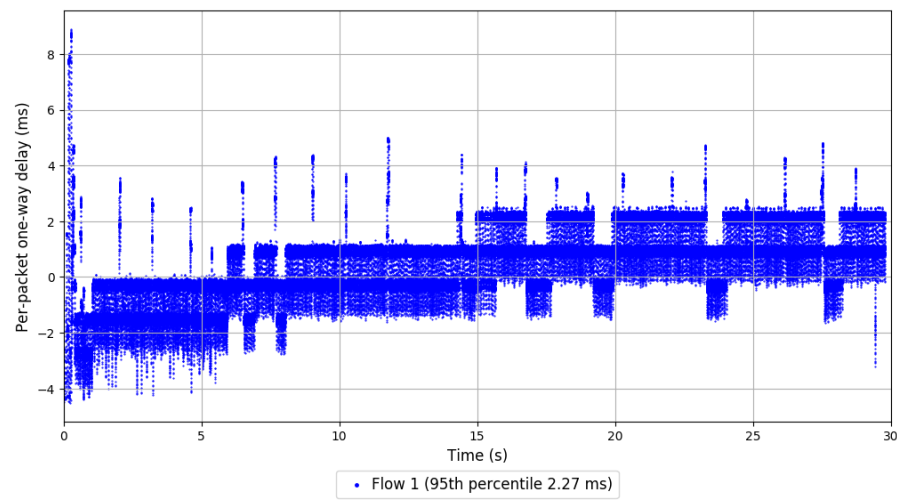
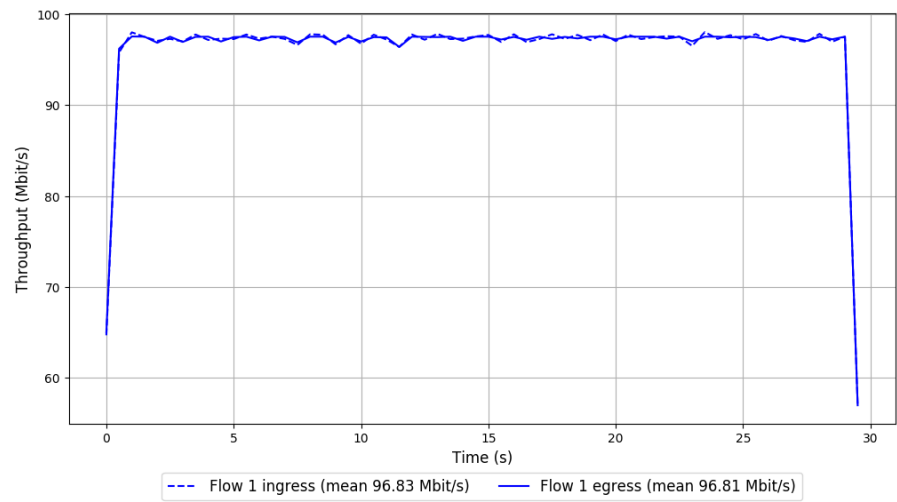
-- Flow 1:

Average throughput: 96.81 Mbit/s

95th percentile per-packet one-way delay: 2.275 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-12-20 01:11:16  
End at: 2017-12-20 01:11:46  
Local clock offset: 1.213 ms  
Remote clock offset: -15.027 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 1.119 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 1.119 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

