

## Pantheon Report

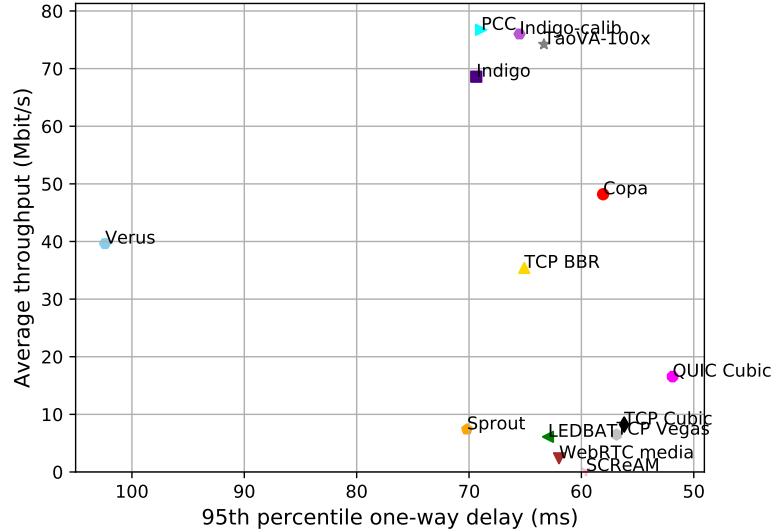
Generated at 2017-11-16 03:10:54 (UTC).  
Data path: AWS Korea Ethernet (*local*) → China Ethernet (*remote*).  
Repeated the test of 14 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).  
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).  
NTP offsets were measured against `ntp.nict.jp` and have been applied to correct the timestamps in logs.

Git summary:

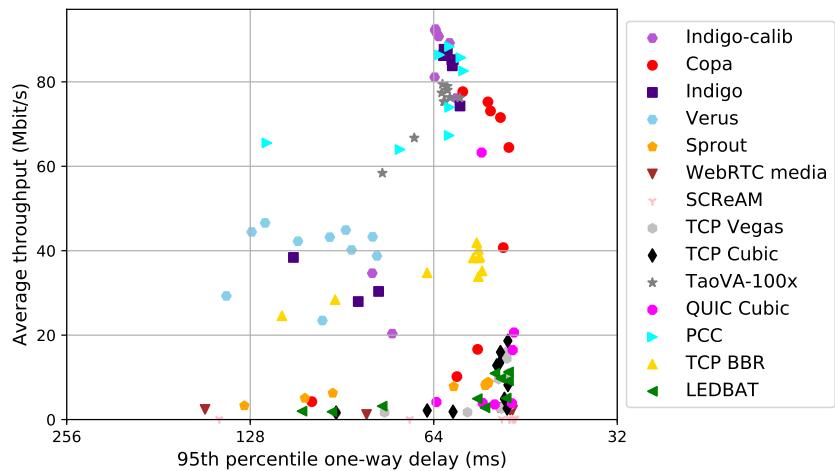
```
branch: indigos @ f54f2953f2a9765c9ffa988d13de5a9471790eb0
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fabb936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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 @ f1a14bffe749737437f61b1eaeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
  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 Korea Ethernet to China Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)

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test from AWS Korea Ethernet to China Ethernet, 10 runs of 30s each per scheme



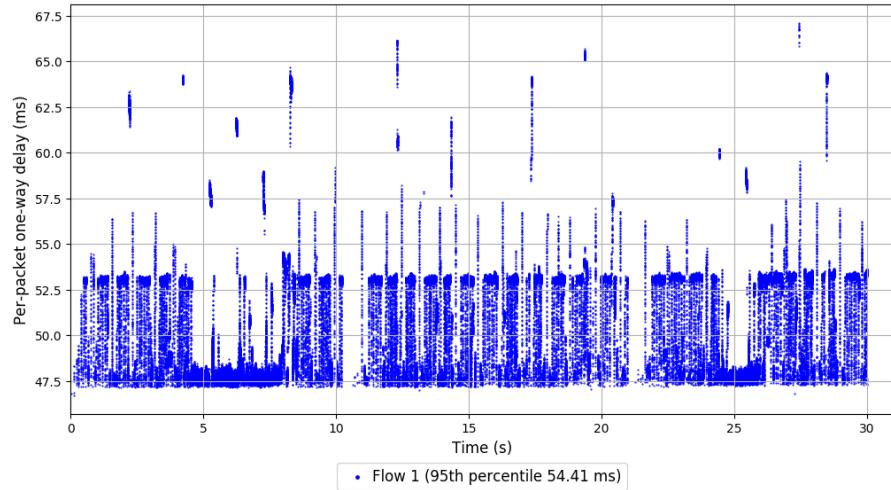
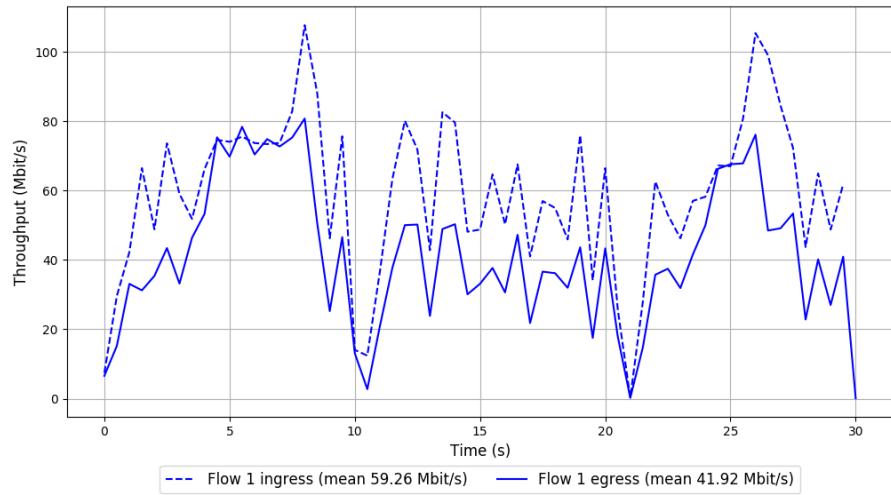
| scheme       | # runs | mean avg tput (Mbit/s)<br>flow 1 | mean 95th-%ile delay (ms)<br>flow 1 | mean loss rate (%)<br>flow 1 |
|--------------|--------|----------------------------------|-------------------------------------|------------------------------|
| TCP BBR      | 10     | 35.43                            | 65.08                               | 31.35                        |
| TCP Cubic    | 10     | 8.23                             | 56.19                               | 1.26                         |
| LEDBAT       | 10     | 6.10                             | 62.98                               | 0.68                         |
| PCC          | 8      | 76.72                            | 68.92                               | 1.44                         |
| QUIC Cubic   | 7      | 16.55                            | 51.89                               | 0.60                         |
| SCReAM       | 10     | 0.17                             | 59.59                               | 0.50                         |
| WebRTC media | 10     | 2.37                             | 61.99                               | 0.55                         |
| Sprout       | 10     | 7.40                             | 70.18                               | 2.82                         |
| TaoVA-100x   | 10     | 74.22                            | 63.33                               | 3.94                         |
| TCP Vegas    | 10     | 6.48                             | 56.87                               | 0.78                         |
| Verus        | 10     | 39.64                            | 102.39                              | 84.10                        |
| Copa         | 9      | 48.20                            | 58.07                               | 0.76                         |
| Indigo       | 10     | 68.60                            | 69.36                               | 3.69                         |
| Indigo-calib | 10     | 76.01                            | 65.51                               | 12.48                        |

Run 1: Statistics of TCP BBR

```
Start at: 2017-11-15 23:39:44
End at: 2017-11-15 23:40:14
Local clock offset: -7.115 ms
Remote clock offset: -7.325 ms

# Below is generated by plot.py at 2017-11-16 02:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 54.410 ms
Loss rate: 29.27%
-- Flow 1:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 54.410 ms
Loss rate: 29.27%
```

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

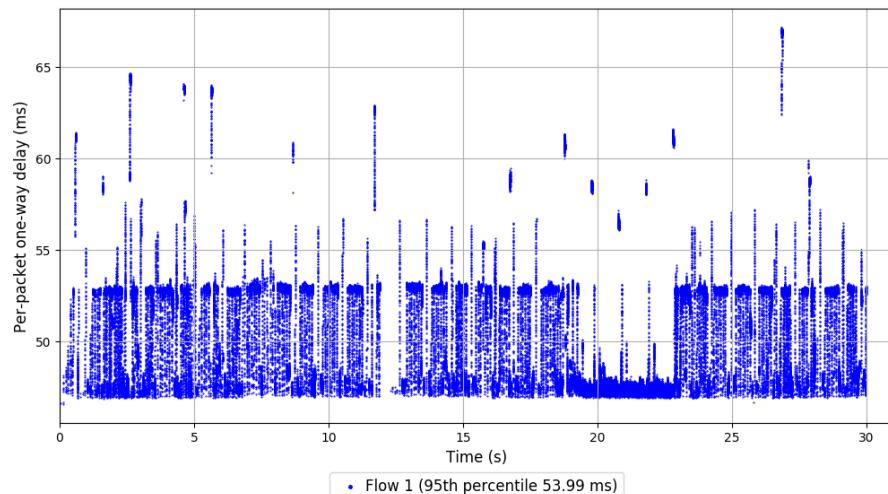
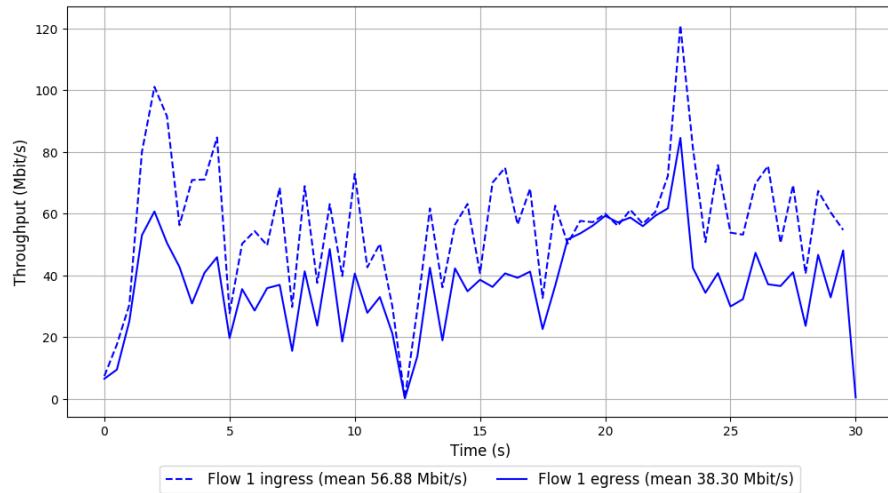


Run 2: Statistics of TCP BBR

```
Start at: 2017-11-16 00:00:00
End at: 2017-11-16 00:00:30
Local clock offset: -5.14 ms
Remote clock offset: -7.673 ms

# Below is generated by plot.py at 2017-11-16 02:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.30 Mbit/s
95th percentile per-packet one-way delay: 53.990 ms
Loss rate: 32.65%
-- Flow 1:
Average throughput: 38.30 Mbit/s
95th percentile per-packet one-way delay: 53.990 ms
Loss rate: 32.65%
```

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

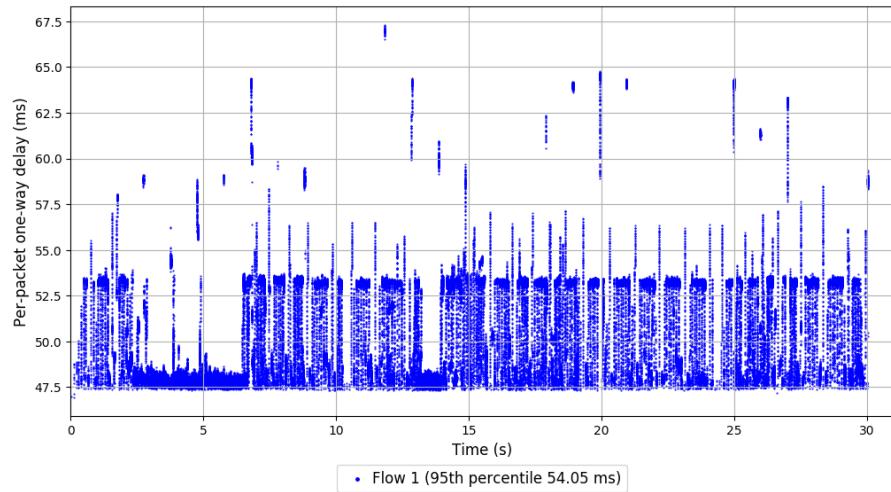
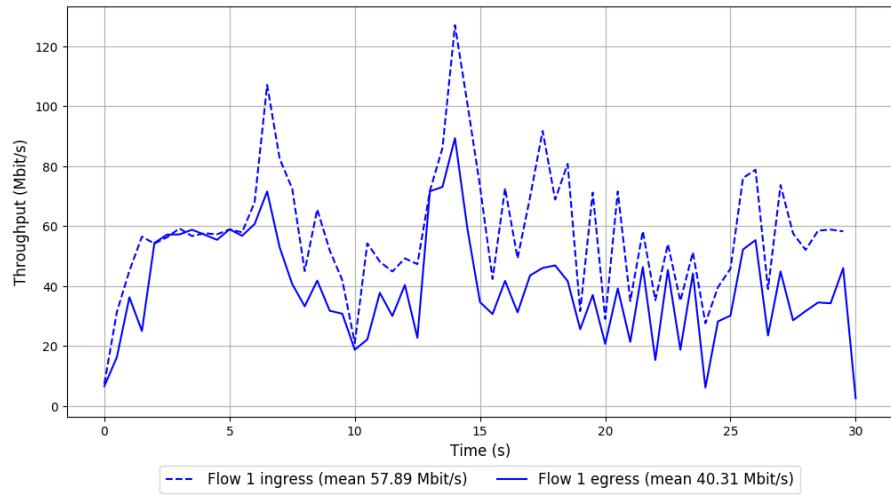


Run 3: Statistics of TCP BBR

```
Start at: 2017-11-16 00:20:07
End at: 2017-11-16 00:20:37
Local clock offset: -4.228 ms
Remote clock offset: -7.93 ms

# Below is generated by plot.py at 2017-11-16 02:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.31 Mbit/s
95th percentile per-packet one-way delay: 54.046 ms
Loss rate: 30.35%
-- Flow 1:
Average throughput: 40.31 Mbit/s
95th percentile per-packet one-way delay: 54.046 ms
Loss rate: 30.35%
```

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

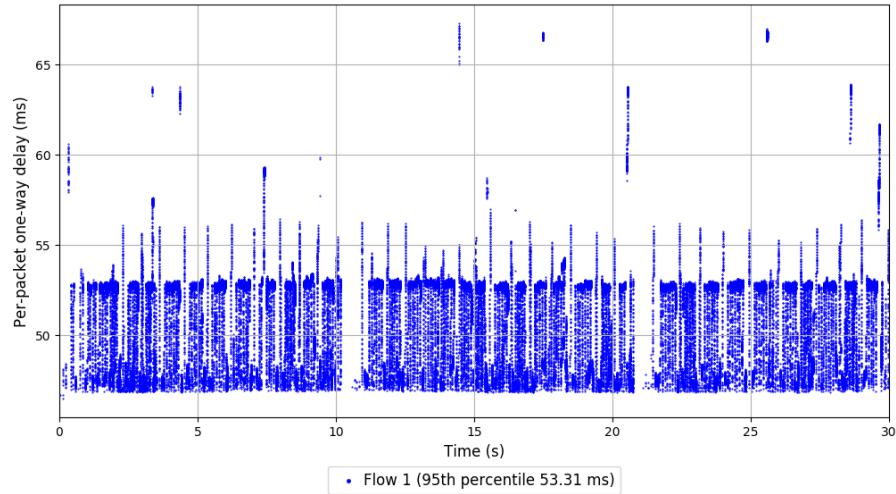
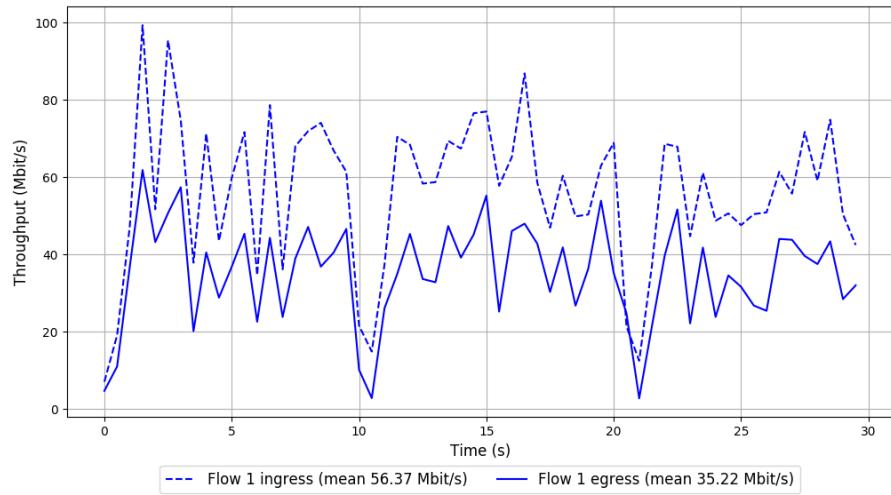


Run 4: Statistics of TCP BBR

```
Start at: 2017-11-16 00:40:01
End at: 2017-11-16 00:40:31
Local clock offset: -3.3 ms
Remote clock offset: -7.924 ms

# Below is generated by plot.py at 2017-11-16 02:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.22 Mbit/s
95th percentile per-packet one-way delay: 53.310 ms
Loss rate: 37.50%
-- Flow 1:
Average throughput: 35.22 Mbit/s
95th percentile per-packet one-way delay: 53.310 ms
Loss rate: 37.50%
```

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

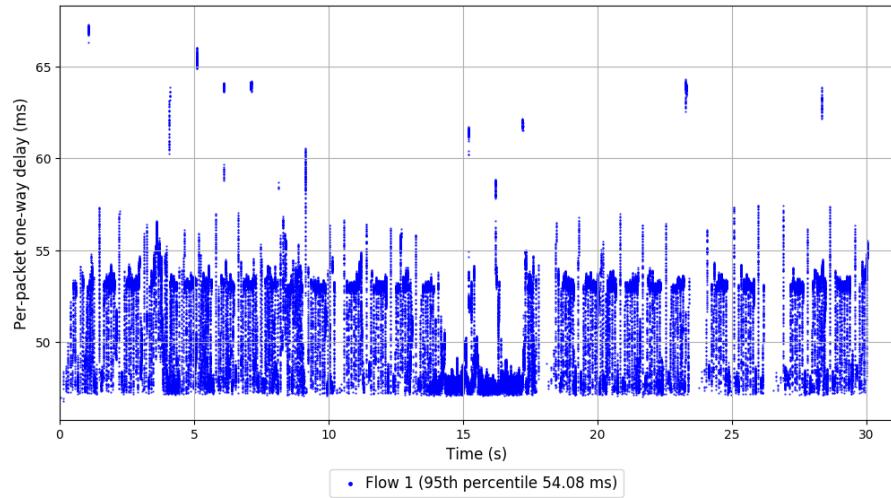
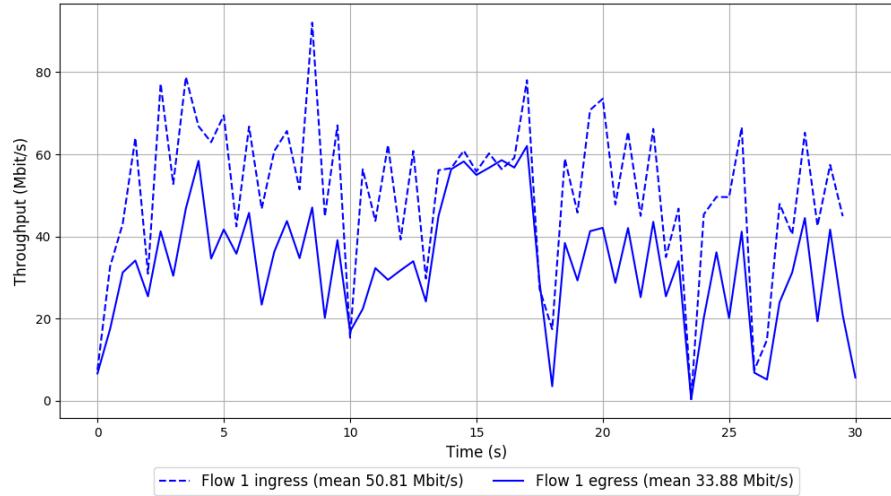


Run 5: Statistics of TCP BBR

```
Start at: 2017-11-16 01:00:09
End at: 2017-11-16 01:00:39
Local clock offset: -3.133 ms
Remote clock offset: -7.826 ms

# Below is generated by plot.py at 2017-11-16 02:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.88 Mbit/s
95th percentile per-packet one-way delay: 54.082 ms
Loss rate: 33.31%
-- Flow 1:
Average throughput: 33.88 Mbit/s
95th percentile per-packet one-way delay: 54.082 ms
Loss rate: 33.31%
```

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

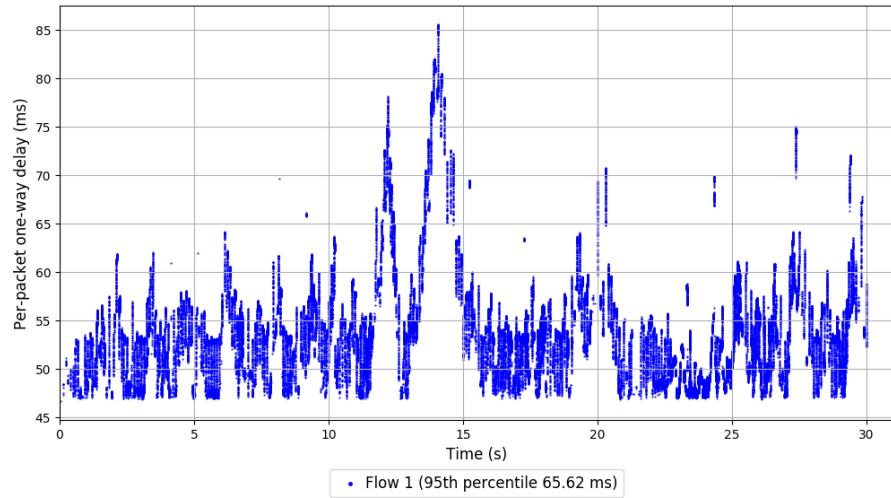
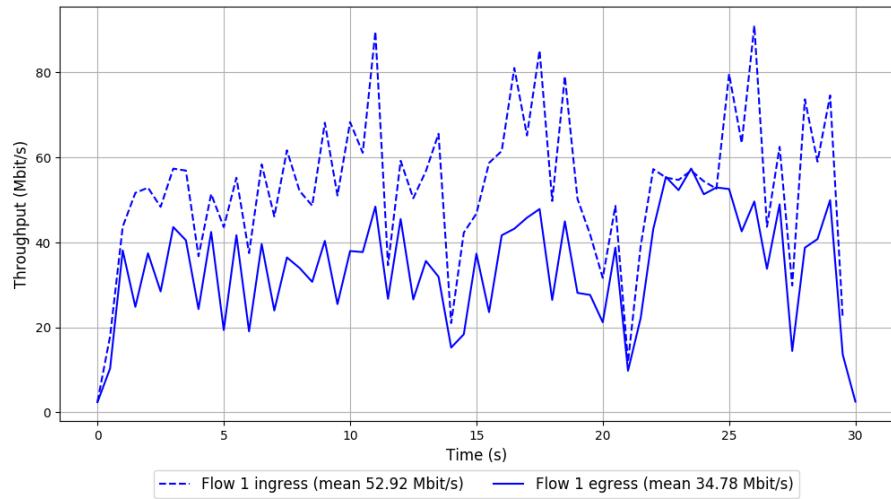


Run 6: Statistics of TCP BBR

```
Start at: 2017-11-16 01:18:45
End at: 2017-11-16 01:19:15
Local clock offset: -2.759 ms
Remote clock offset: -8.244 ms

# Below is generated by plot.py at 2017-11-16 02:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.78 Mbit/s
95th percentile per-packet one-way delay: 65.622 ms
Loss rate: 34.24%
-- Flow 1:
Average throughput: 34.78 Mbit/s
95th percentile per-packet one-way delay: 65.622 ms
Loss rate: 34.24%
```

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

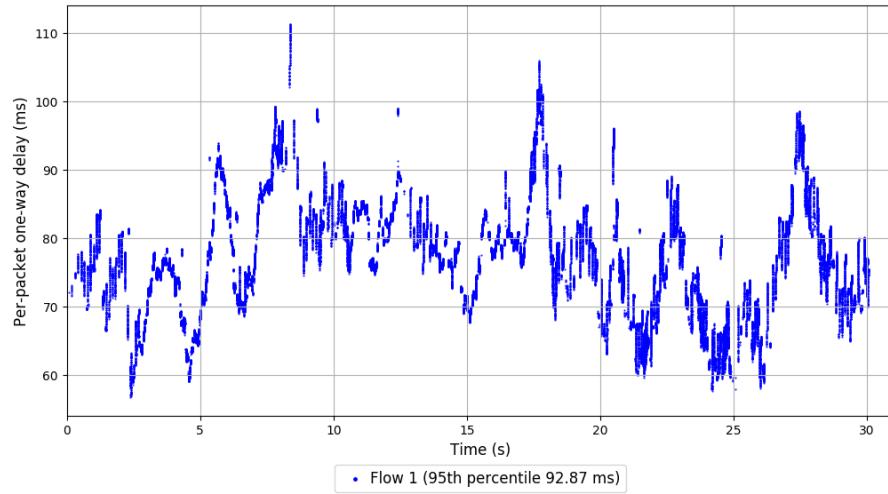
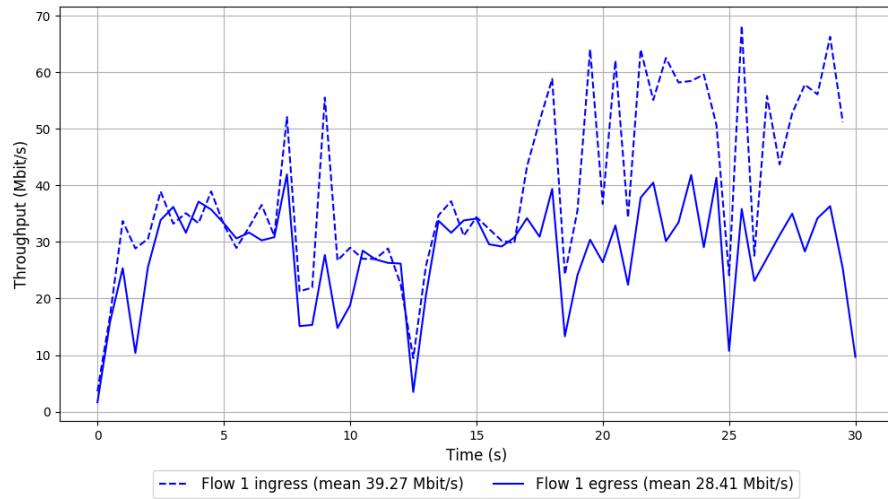


Run 7: Statistics of TCP BBR

```
Start at: 2017-11-16 01:36:26
End at: 2017-11-16 01:36:56
Local clock offset: -1.881 ms
Remote clock offset: -8.806 ms

# Below is generated by plot.py at 2017-11-16 02:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.41 Mbit/s
95th percentile per-packet one-way delay: 92.873 ms
Loss rate: 27.65%
-- Flow 1:
Average throughput: 28.41 Mbit/s
95th percentile per-packet one-way delay: 92.873 ms
Loss rate: 27.65%
```

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

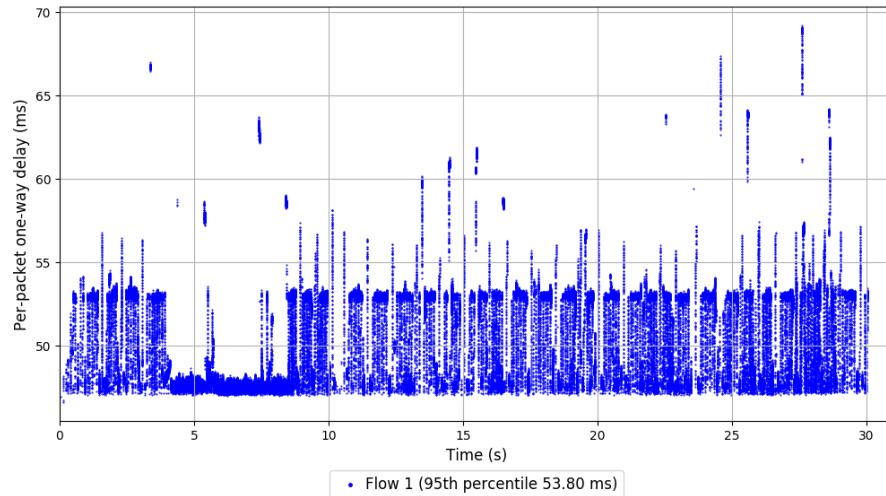
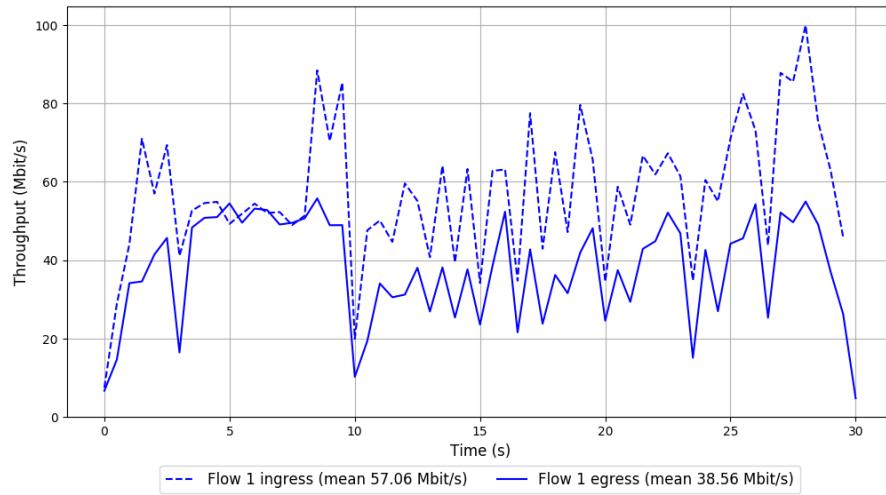


Run 8: Statistics of TCP BBR

```
Start at: 2017-11-16 01:55:40
End at: 2017-11-16 01:56:10
Local clock offset: -1.424 ms
Remote clock offset: -8.47 ms

# Below is generated by plot.py at 2017-11-16 02:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.56 Mbit/s
95th percentile per-packet one-way delay: 53.801 ms
Loss rate: 32.41%
-- Flow 1:
Average throughput: 38.56 Mbit/s
95th percentile per-packet one-way delay: 53.801 ms
Loss rate: 32.41%
```

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

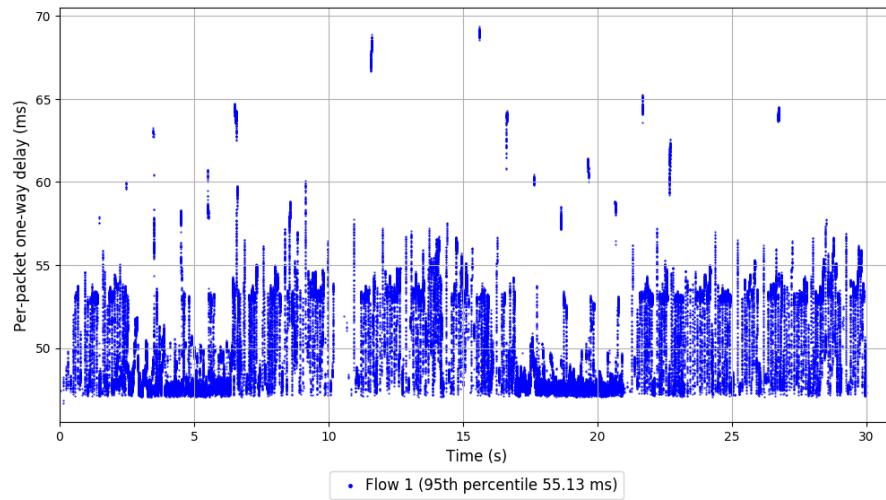
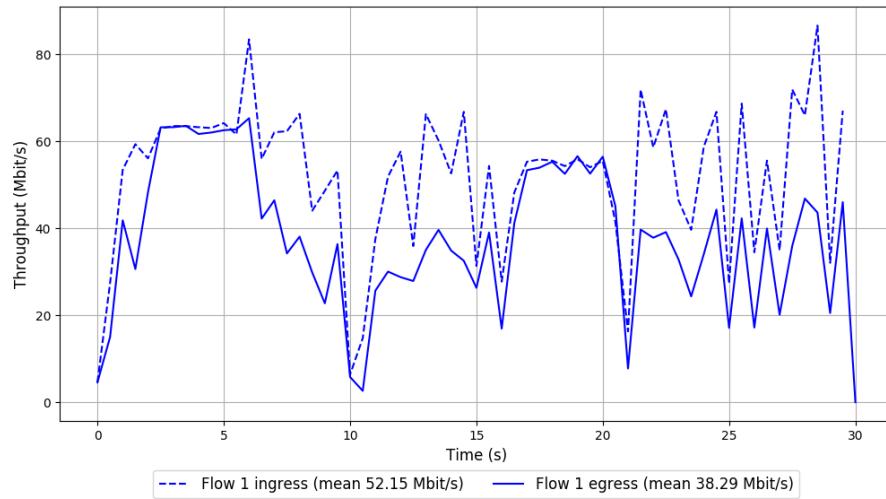


Run 9: Statistics of TCP BBR

```
Start at: 2017-11-16 02:14:23
End at: 2017-11-16 02:14:53
Local clock offset: -0.769 ms
Remote clock offset: -8.541 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.29 Mbit/s
95th percentile per-packet one-way delay: 55.131 ms
Loss rate: 26.59%
-- Flow 1:
Average throughput: 38.29 Mbit/s
95th percentile per-packet one-way delay: 55.131 ms
Loss rate: 26.59%
```

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

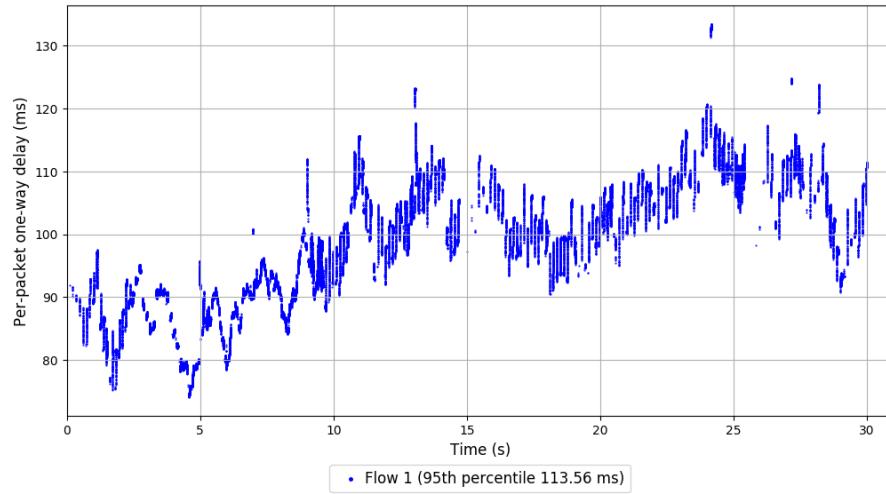
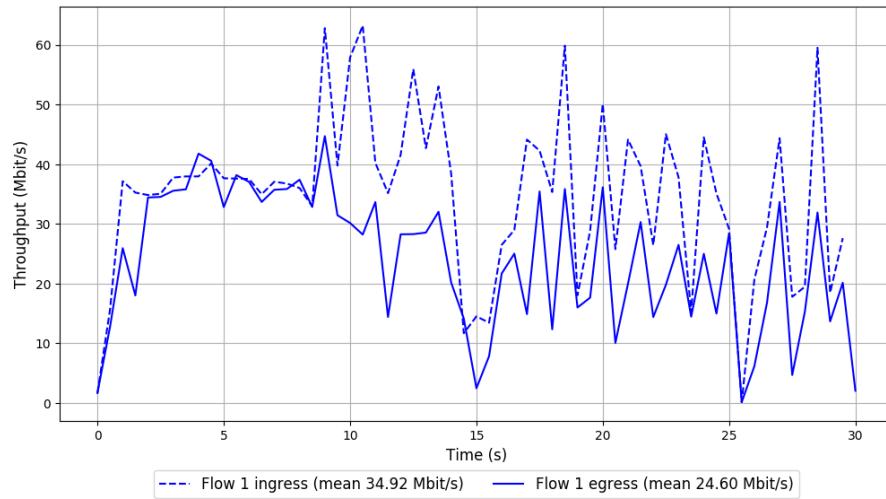


Run 10: Statistics of TCP BBR

```
Start at: 2017-11-16 02:33:04
End at: 2017-11-16 02:33:34
Local clock offset: -0.549 ms
Remote clock offset: -8.061 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 113.556 ms
Loss rate: 29.51%
-- Flow 1:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 113.556 ms
Loss rate: 29.51%
```

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

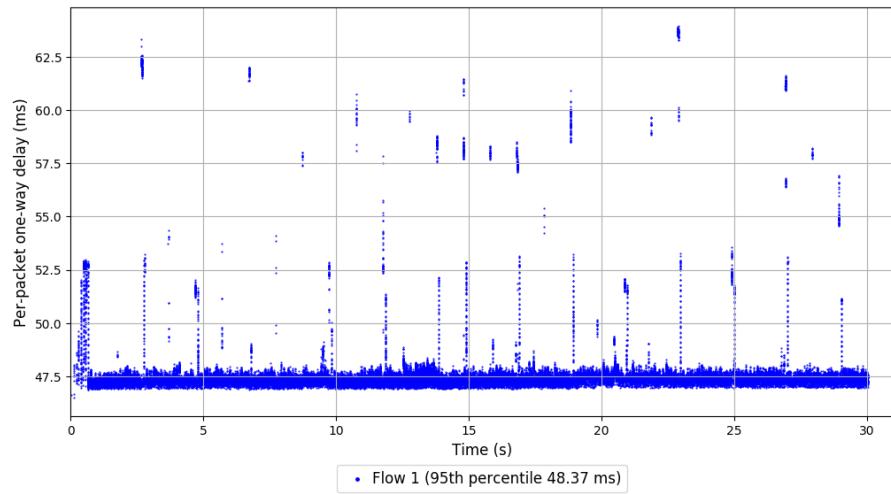
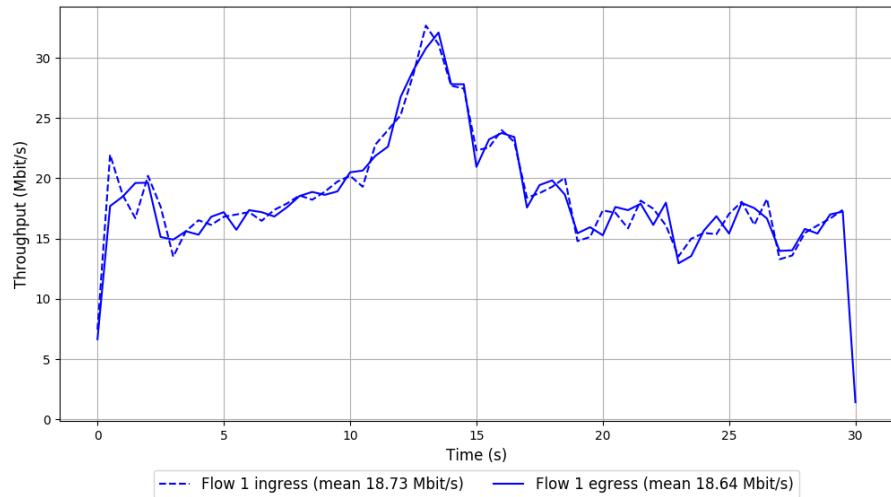


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-11-15 23:34:20
End at: 2017-11-15 23:34:51
Local clock offset: -7.72 ms
Remote clock offset: -7.24 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.64 Mbit/s
95th percentile per-packet one-way delay: 48.373 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 18.64 Mbit/s
95th percentile per-packet one-way delay: 48.373 ms
Loss rate: 0.43%
```

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

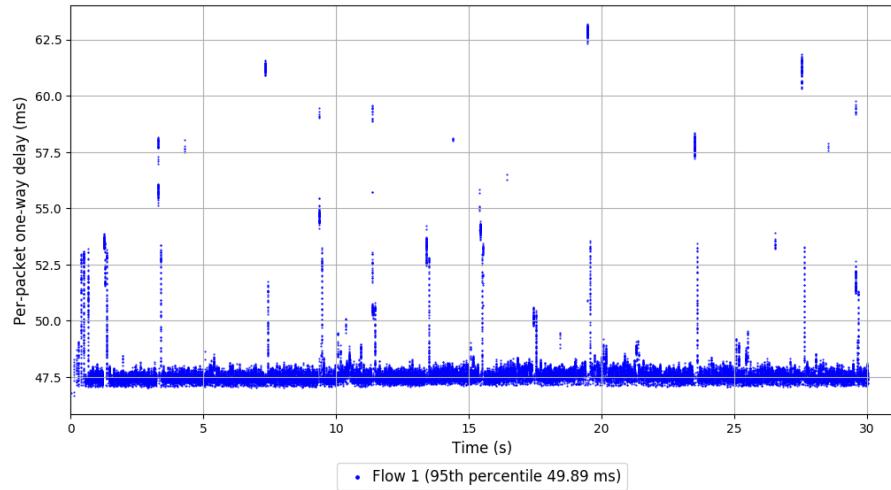
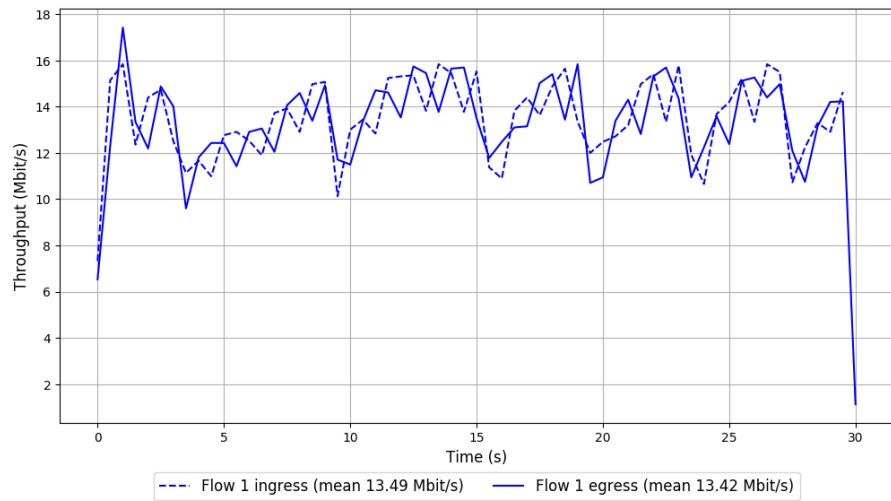


Run 2: Statistics of TCP Cubic

```
Start at: 2017-11-15 23:53:56
End at: 2017-11-15 23:54:26
Local clock offset: -5.465 ms
Remote clock offset: -7.647 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.42 Mbit/s
95th percentile per-packet one-way delay: 49.894 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 13.42 Mbit/s
95th percentile per-packet one-way delay: 49.894 ms
Loss rate: 0.47%
```

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

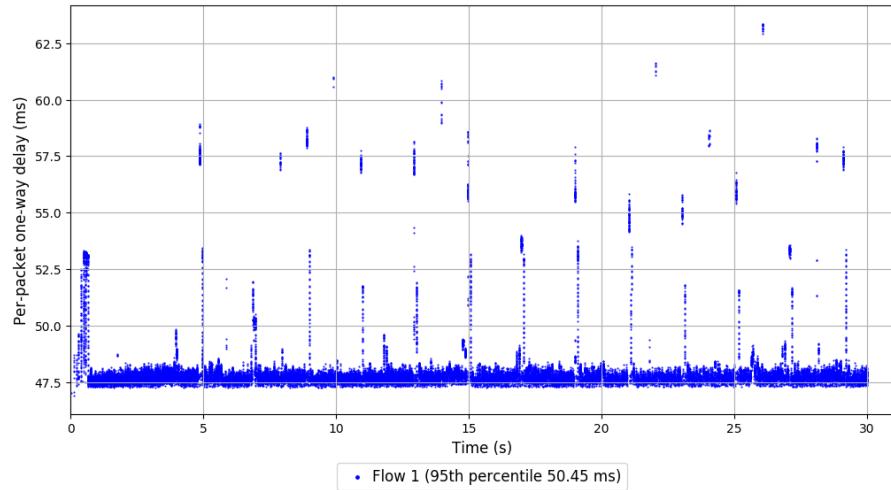
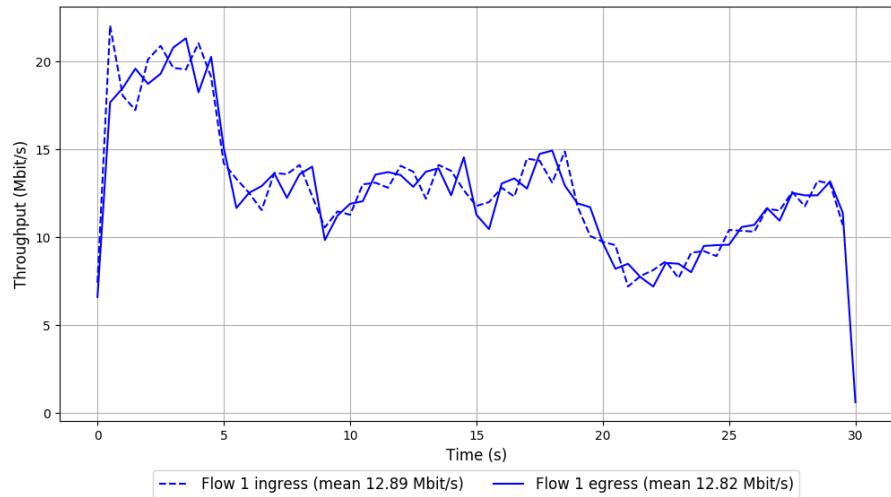


```
Run 3: Statistics of TCP Cubic
```

```
Start at: 2017-11-16 00:14:21
End at: 2017-11-16 00:14:51
Local clock offset: -4.638 ms
Remote clock offset: -7.836 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.82 Mbit/s
95th percentile per-packet one-way delay: 50.445 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 12.82 Mbit/s
95th percentile per-packet one-way delay: 50.445 ms
Loss rate: 0.49%
```

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

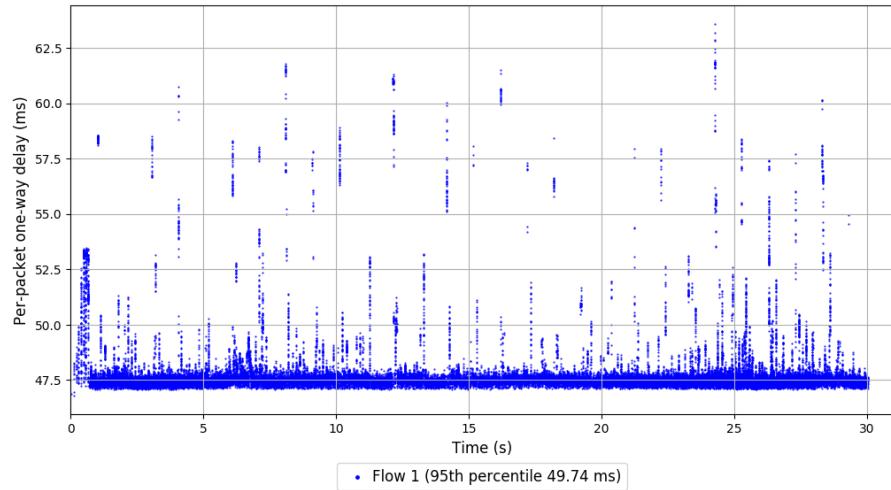
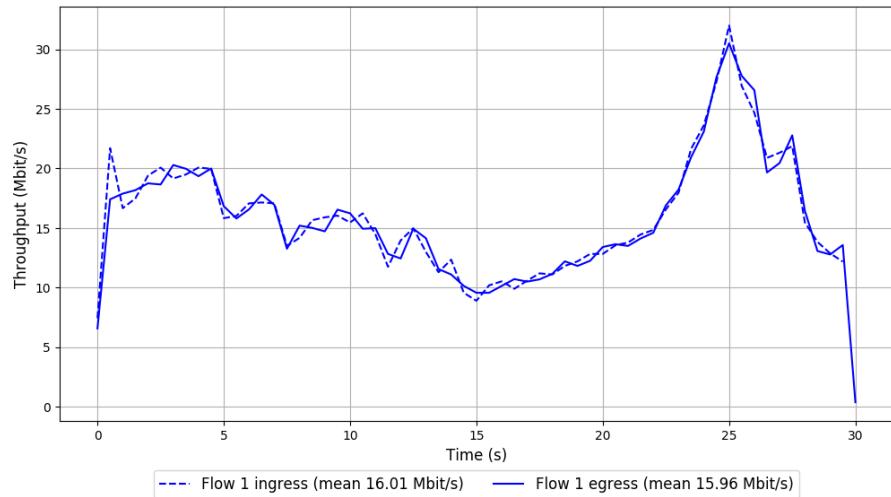


Run 4: Statistics of TCP Cubic

```
Start at: 2017-11-16 00:34:15
End at: 2017-11-16 00:34:45
Local clock offset: -3.332 ms
Remote clock offset: -7.94 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 49.742 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 49.742 ms
Loss rate: 0.31%
```

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

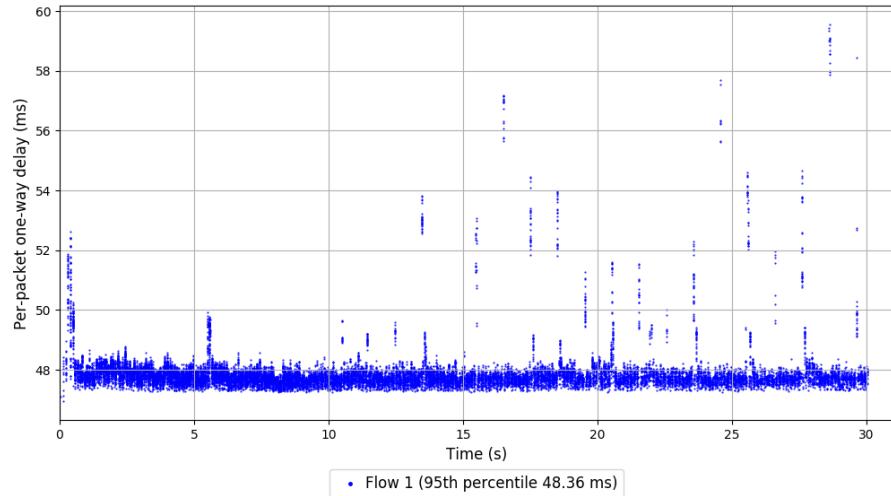
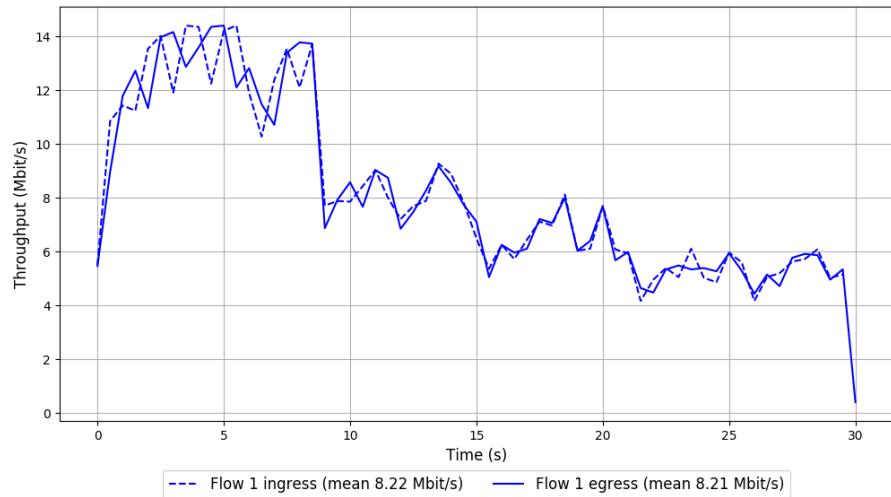


Run 5: Statistics of TCP Cubic

```
Start at: 2017-11-16 00:54:22
End at: 2017-11-16 00:54:52
Local clock offset: -3.303 ms
Remote clock offset: -7.906 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 48.358 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 48.358 ms
Loss rate: 0.09%
```

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

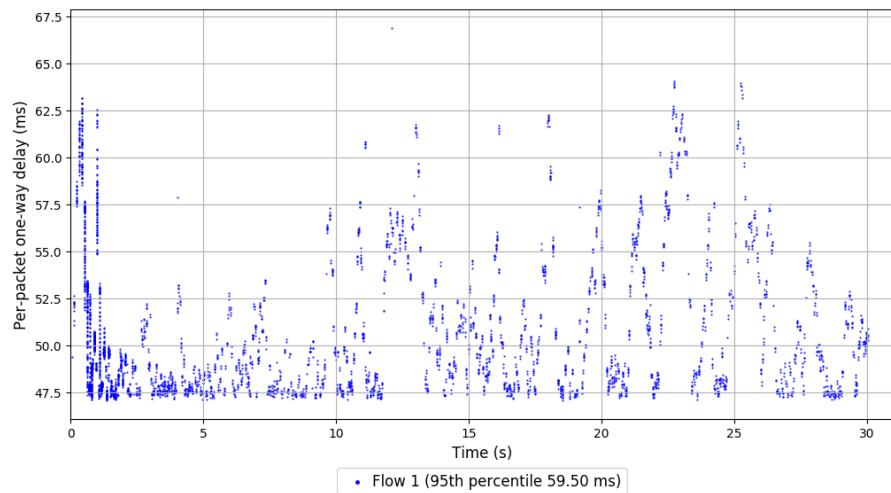
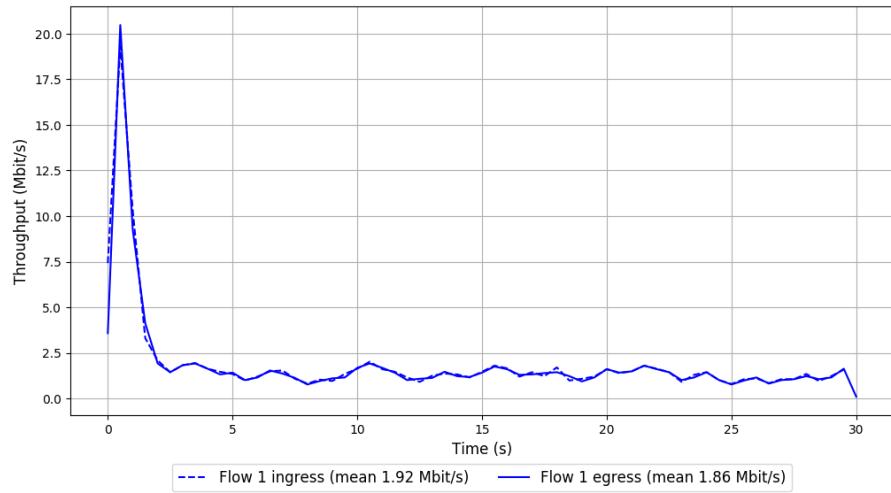


Run 6: Statistics of TCP Cubic

```
Start at: 2017-11-16 01:13:09
End at: 2017-11-16 01:13:39
Local clock offset: -2.708 ms
Remote clock offset: -8.207 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 59.500 ms
Loss rate: 3.38%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 59.500 ms
Loss rate: 3.38%
```

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

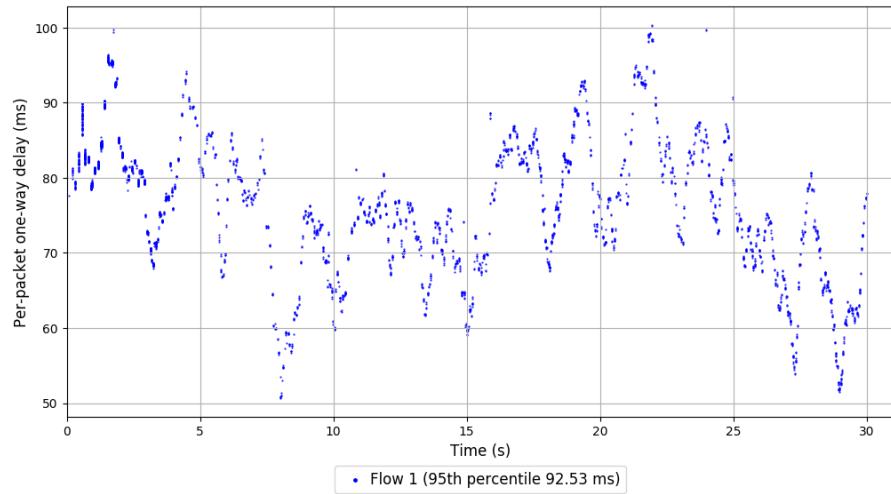
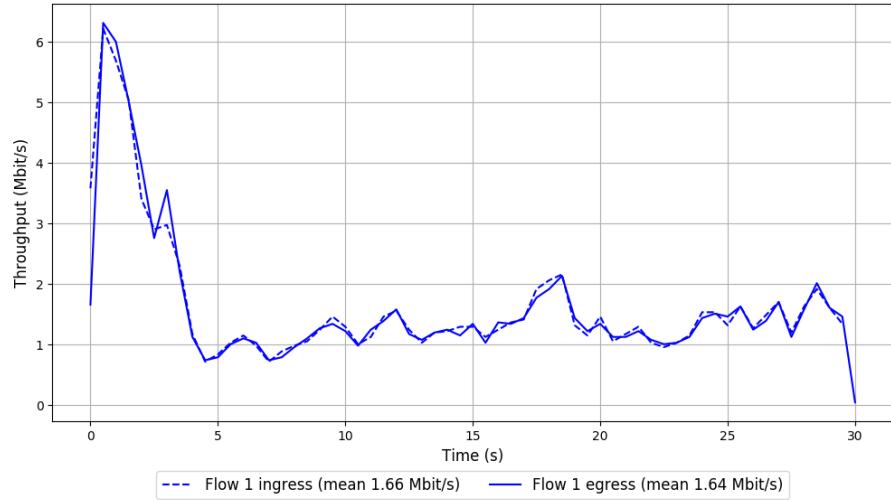


Run 7: Statistics of TCP Cubic

```
Start at: 2017-11-16 01:31:33
End at: 2017-11-16 01:32:03
Local clock offset: -2.221 ms
Remote clock offset: -8.235 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 92.526 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 92.526 ms
Loss rate: 1.16%
```

Run 7: Report of TCP Cubic — Data Link

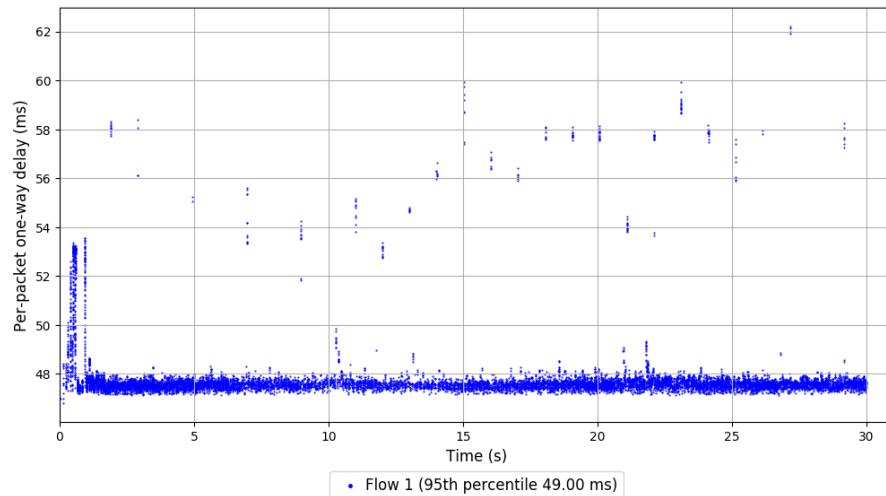
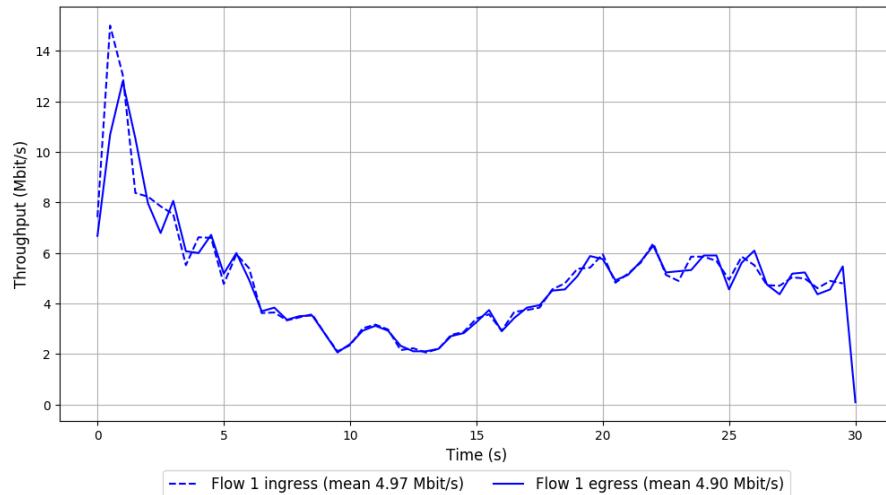


Run 8: Statistics of TCP Cubic

```
Start at: 2017-11-16 01:50:17
End at: 2017-11-16 01:50:47
Local clock offset: -1.526 ms
Remote clock offset: -8.447 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 48.998 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 48.998 ms
Loss rate: 1.26%
```

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

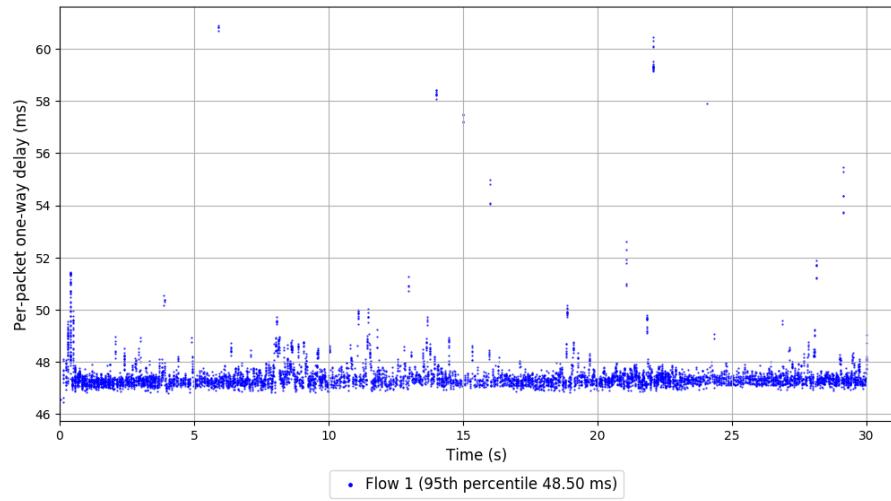
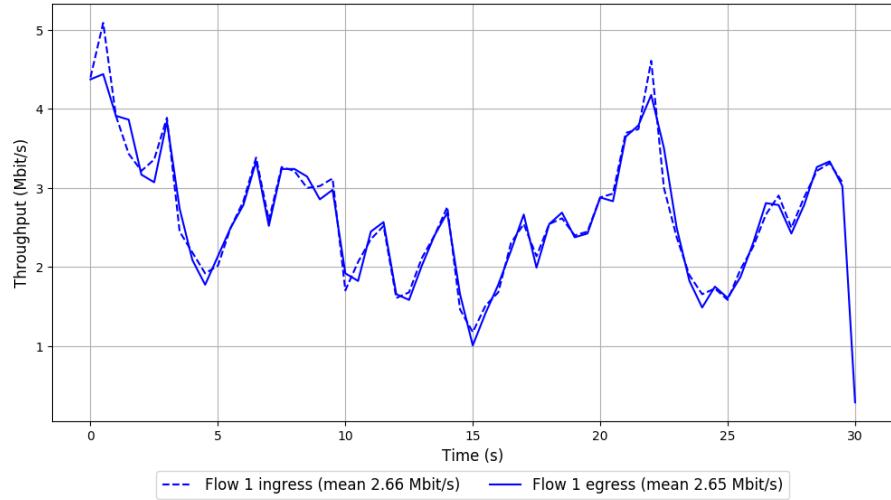


Run 9: Statistics of TCP Cubic

```
Start at: 2017-11-16 02:08:45
End at: 2017-11-16 02:09:15
Local clock offset: -0.91 ms
Remote clock offset: -8.591 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 48.502 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 48.502 ms
Loss rate: 0.59%
```

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

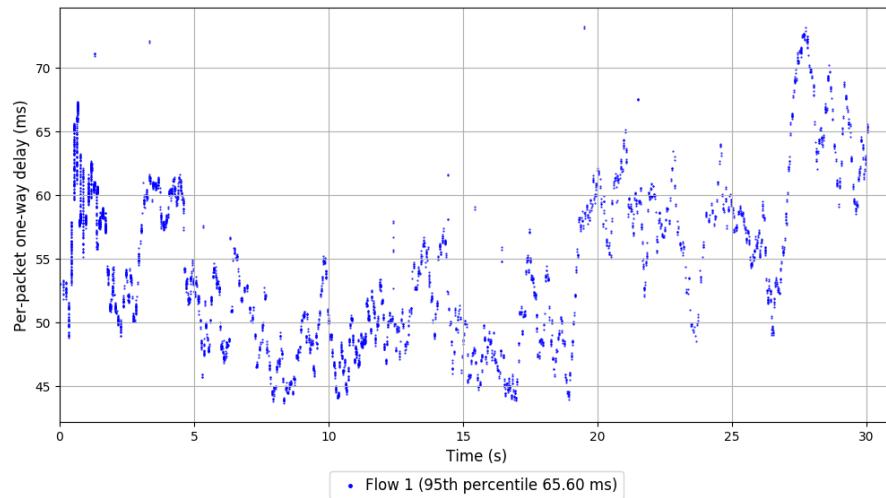
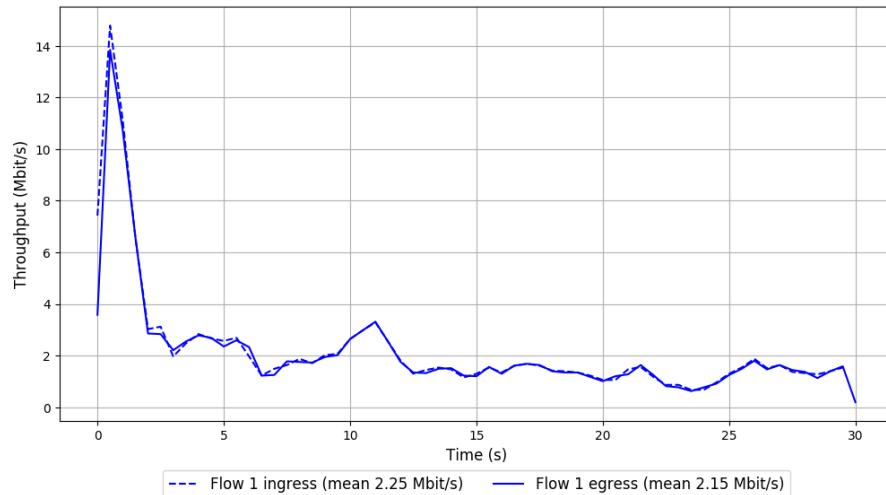


Run 10: Statistics of TCP Cubic

```
Start at: 2017-11-16 02:27:47
End at: 2017-11-16 02:28:17
Local clock offset: -0.624 ms
Remote clock offset: -11.854 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 65.599 ms
Loss rate: 4.38%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 65.599 ms
Loss rate: 4.38%
```

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

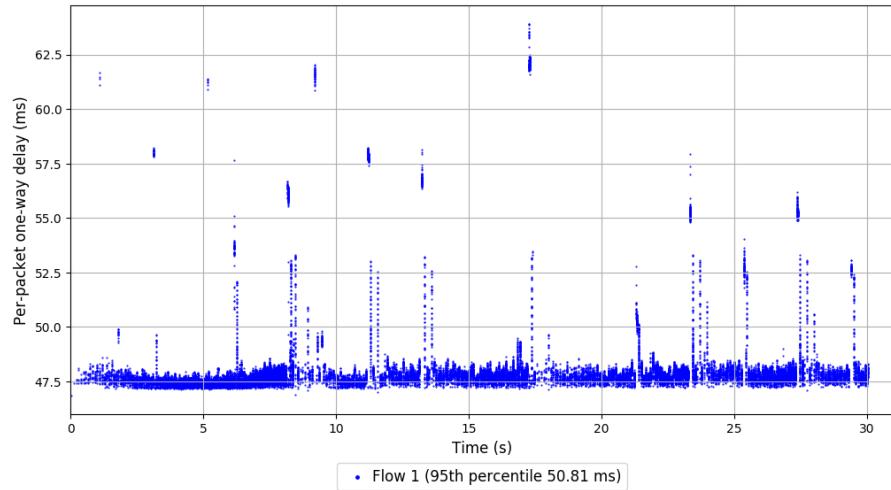
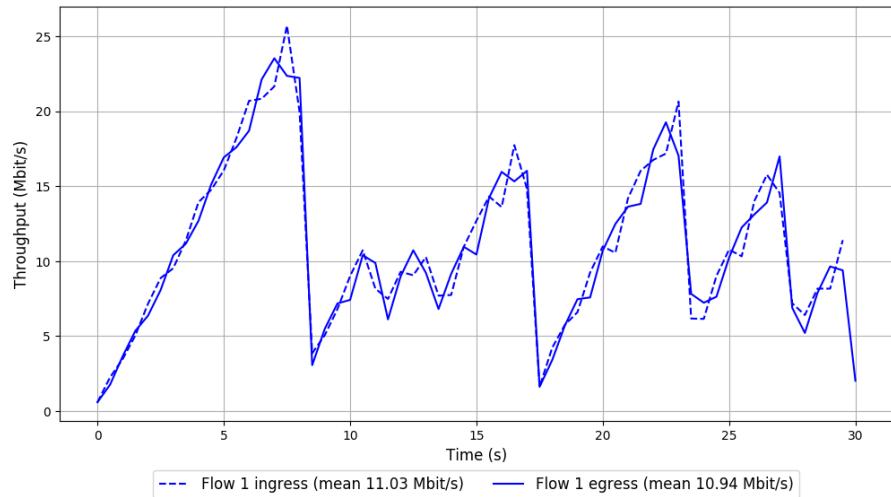


```
Run 1: Statistics of LEDBAT

Start at: 2017-11-15 23:51:36
End at: 2017-11-15 23:52:06
Local clock offset: -5.782 ms
Remote clock offset: -7.6 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 50.810 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 50.810 ms
Loss rate: 0.75%
```

## Run 1: Report of LEDBAT — Data Link

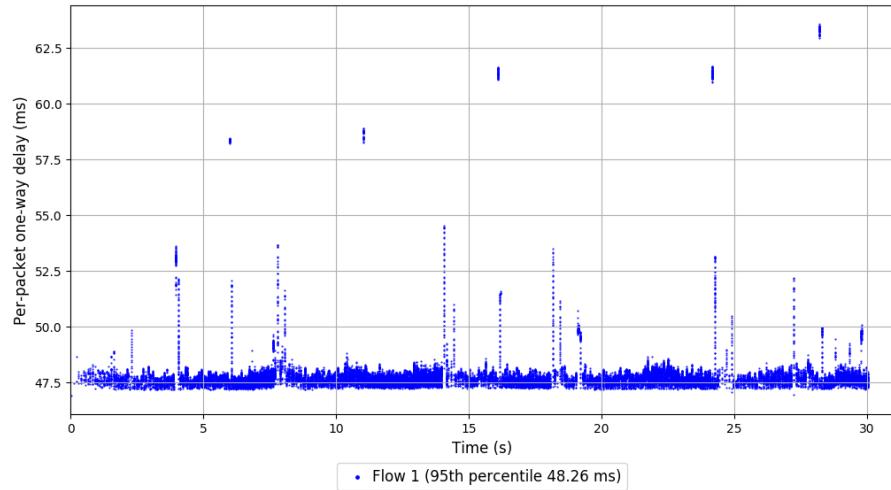
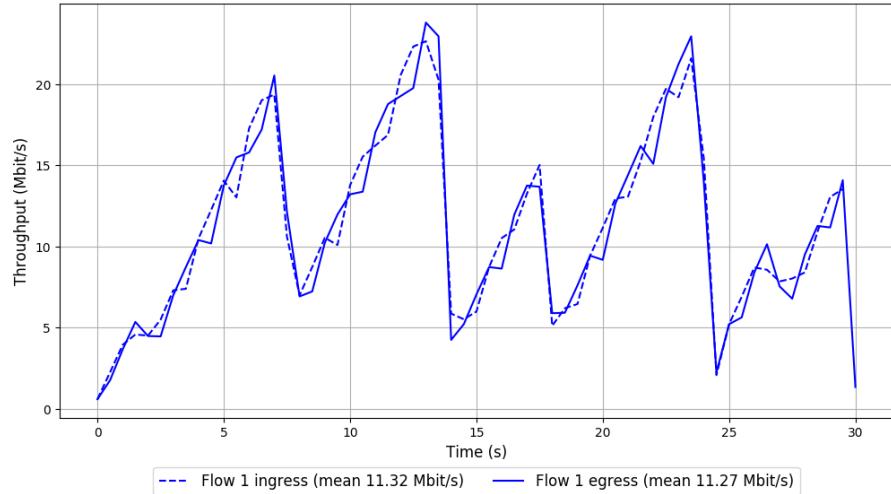


Run 2: Statistics of LEDBAT

```
Start at: 2017-11-16 00:11:58
End at: 2017-11-16 00:12:28
Local clock offset: -4.698 ms
Remote clock offset: -7.856 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.27 Mbit/s
95th percentile per-packet one-way delay: 48.260 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 11.27 Mbit/s
95th percentile per-packet one-way delay: 48.260 ms
Loss rate: 0.45%
```

## Run 2: Report of LEDBAT — Data Link

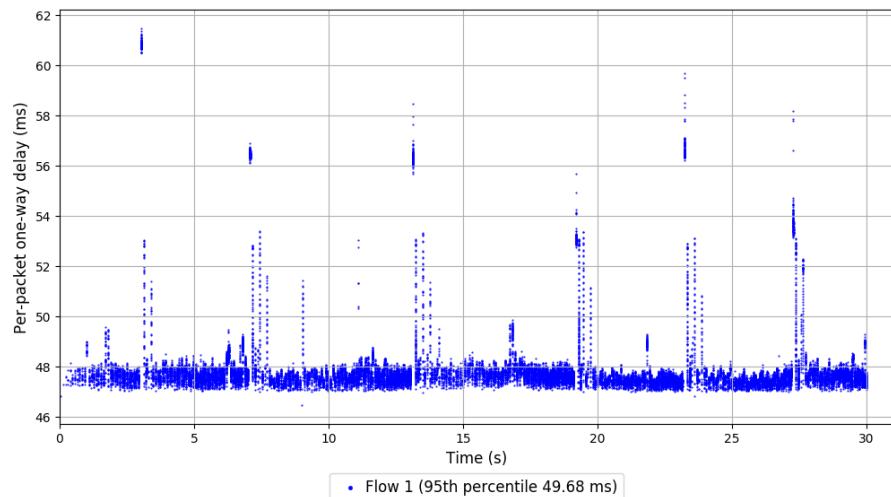
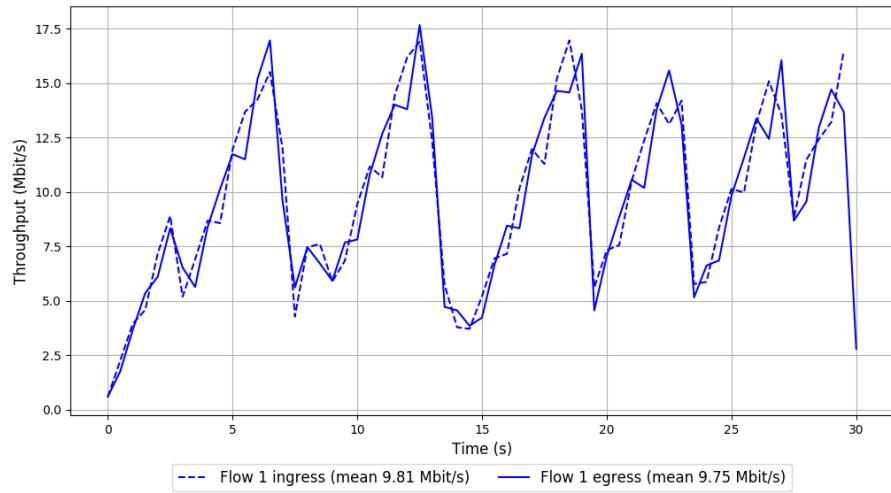


Run 3: Statistics of LEDBAT

```
Start at: 2017-11-16 00:31:54
End at: 2017-11-16 00:32:24
Local clock offset: -3.258 ms
Remote clock offset: -7.936 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 49.682 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 49.682 ms
Loss rate: 0.66%
```

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

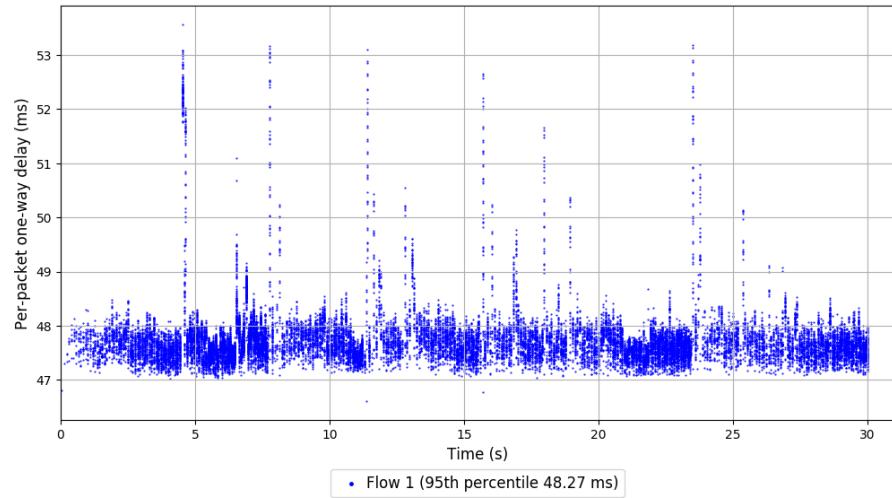
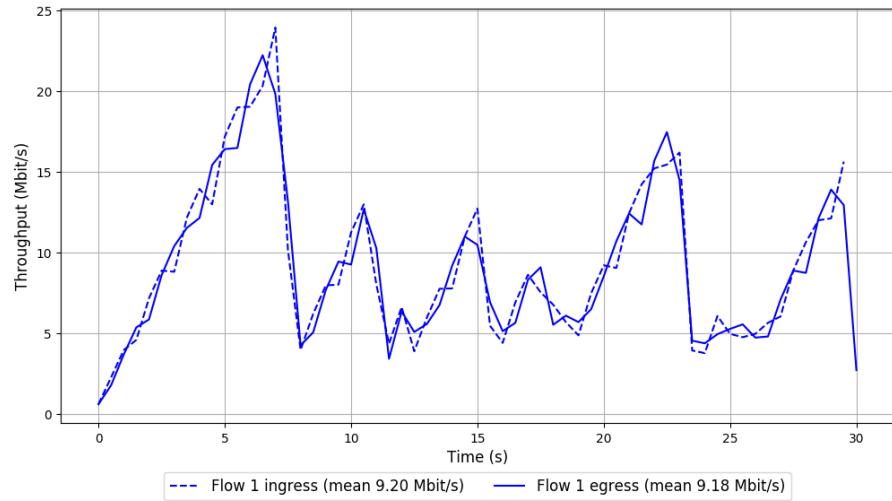


Run 4: Statistics of LEDBAT

```
Start at: 2017-11-16 00:52:01
End at: 2017-11-16 00:52:31
Local clock offset: -3.203 ms
Remote clock offset: -7.948 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 48.270 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 48.270 ms
Loss rate: 0.28%
```

## Run 4: Report of LEDBAT — Data Link

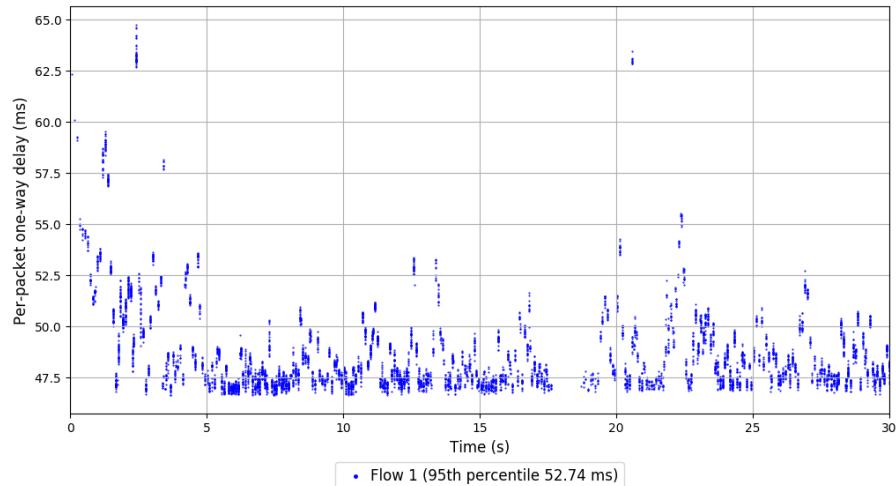
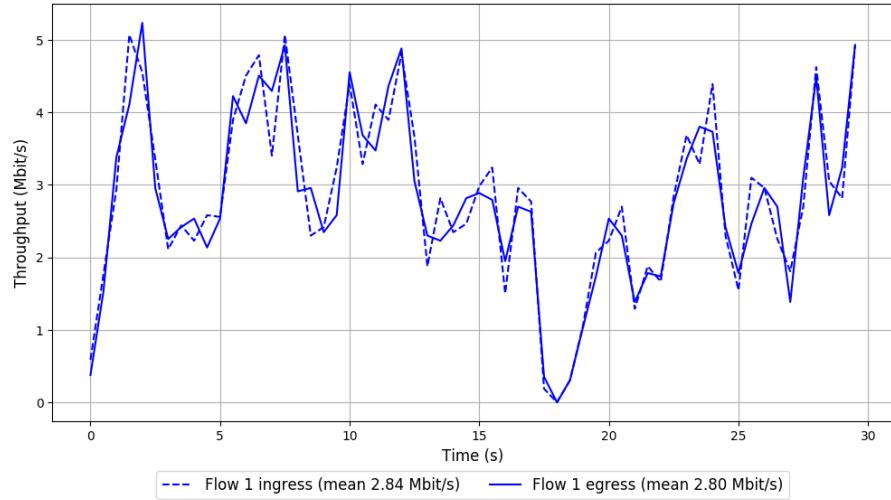


Run 5: Statistics of LEDBAT

```
Start at: 2017-11-16 01:10:48
End at: 2017-11-16 01:11:18
Local clock offset: -2.741 ms
Remote clock offset: -8.31 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 52.740 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 52.740 ms
Loss rate: 1.53%
```

Run 5: Report of LEDBAT — Data Link

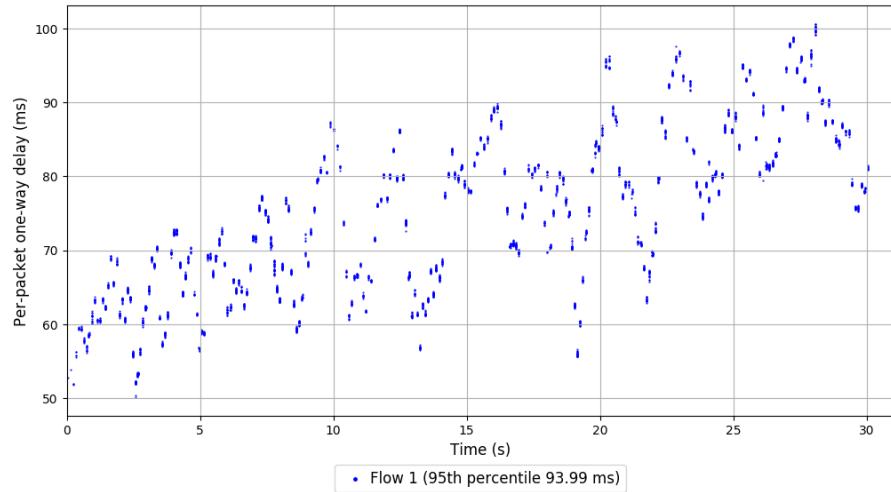
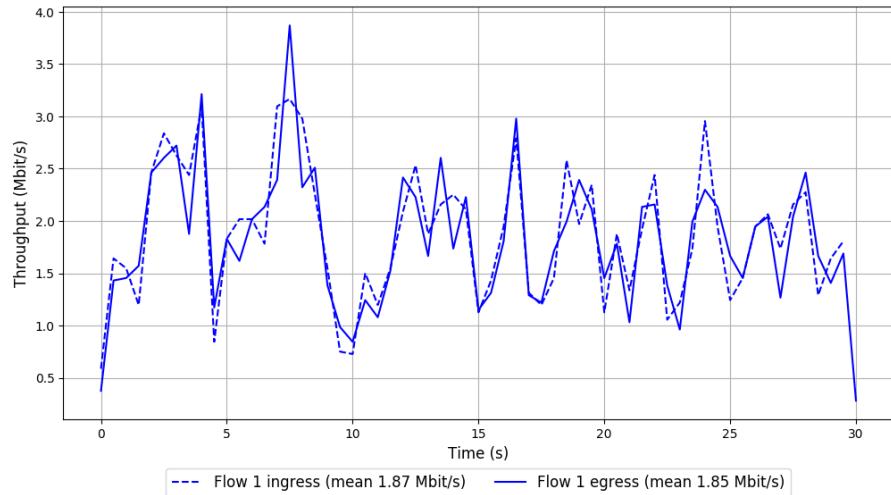


Run 6: Statistics of LEDBAT

```
Start at: 2017-11-16 01:29:13
End at: 2017-11-16 01:29:43
Local clock offset: -2.473 ms
Remote clock offset: -8.293 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 93.987 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 93.987 ms
Loss rate: 1.21%
```

## Run 6: Report of LEDBAT — Data Link

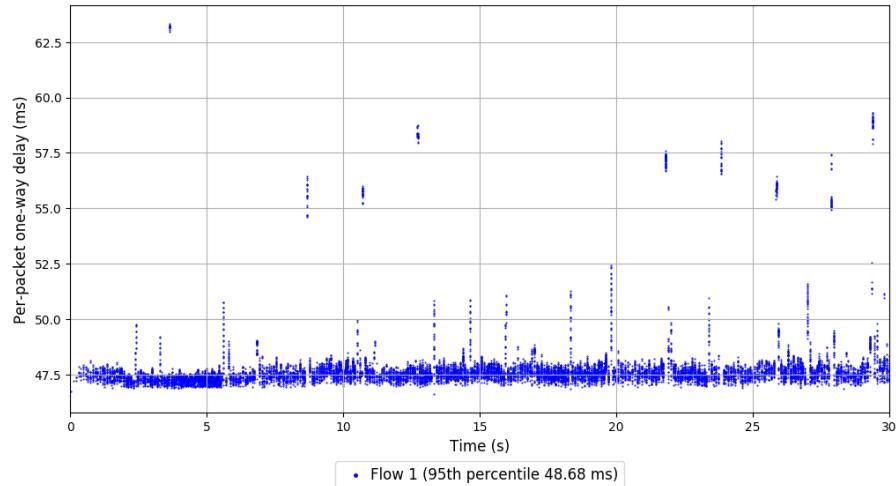
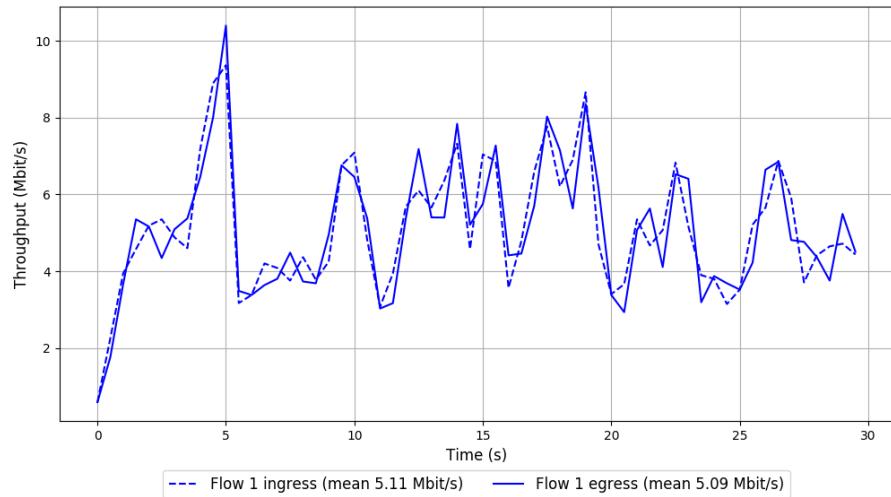


Run 7: Statistics of LEDBAT

```
Start at: 2017-11-16 01:47:59
End at: 2017-11-16 01:48:29
Local clock offset: -1.592 ms
Remote clock offset: -8.426 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.09 Mbit/s
95th percentile per-packet one-way delay: 48.681 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 5.09 Mbit/s
95th percentile per-packet one-way delay: 48.681 ms
Loss rate: 0.38%
```

## Run 7: Report of LEDBAT — Data Link

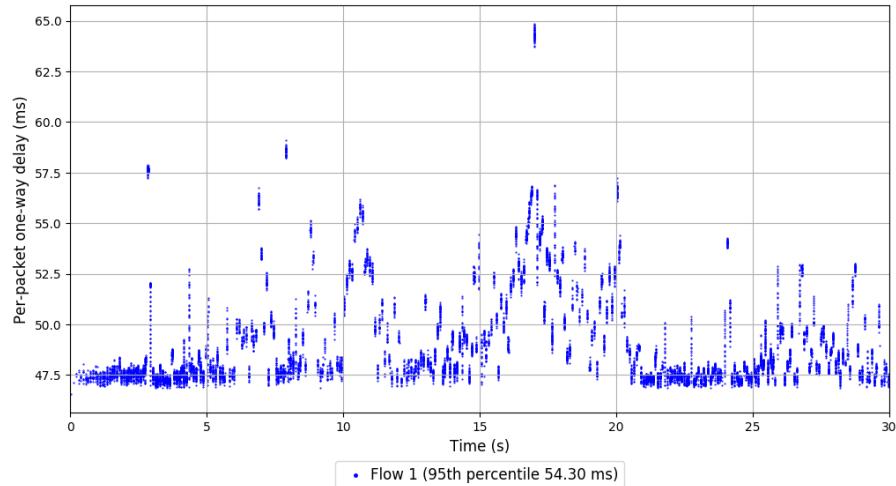
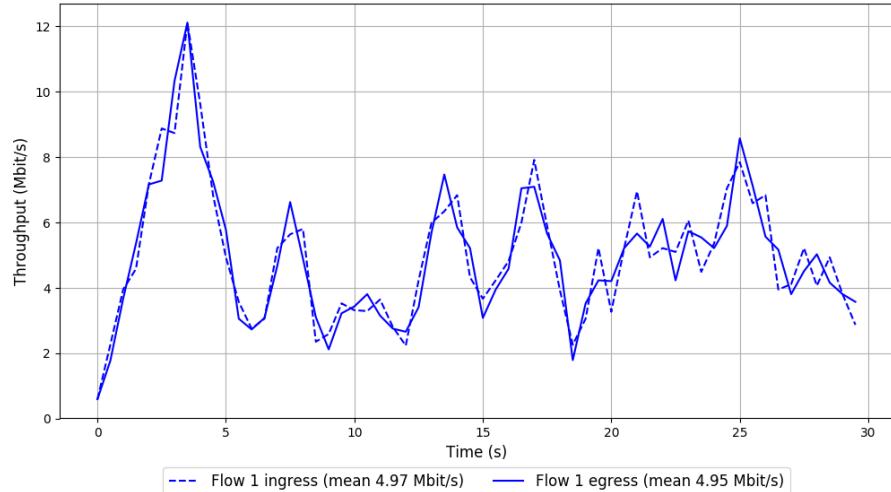


Run 8: Statistics of LEDBAT

```
Start at: 2017-11-16 02:06:27
End at: 2017-11-16 02:06:57
Local clock offset: -1.069 ms
Remote clock offset: -8.625 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.95 Mbit/s
95th percentile per-packet one-way delay: 54.304 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 4.95 Mbit/s
95th percentile per-packet one-way delay: 54.304 ms
Loss rate: 0.43%
```

## Run 8: Report of LEDBAT — Data Link

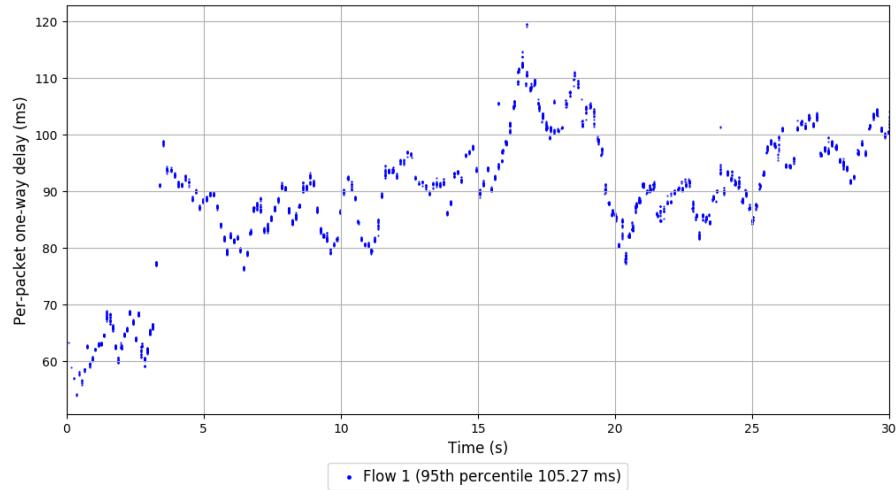
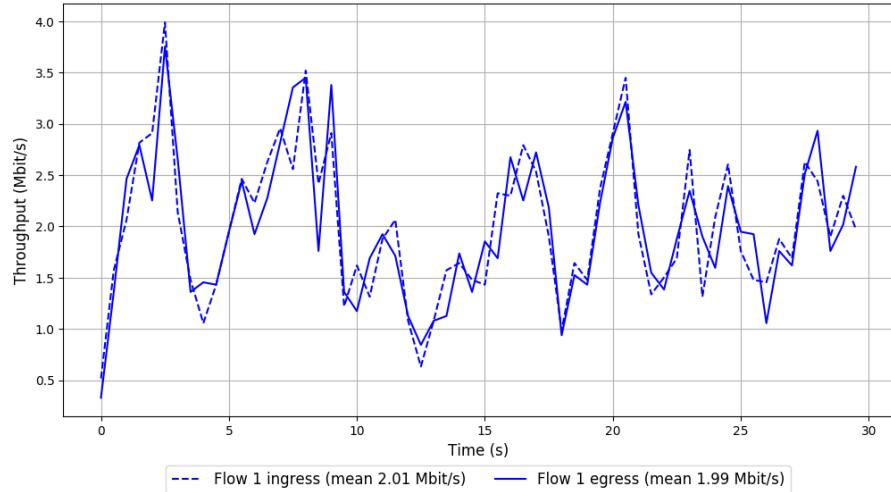


Run 9: Statistics of LEDBAT

```
Start at: 2017-11-16 02:25:23
End at: 2017-11-16 02:25:53
Local clock offset: -0.613 ms
Remote clock offset: -8.556 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 105.269 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 105.269 ms
Loss rate: 0.61%
```

## Run 9: Report of LEDBAT — Data Link

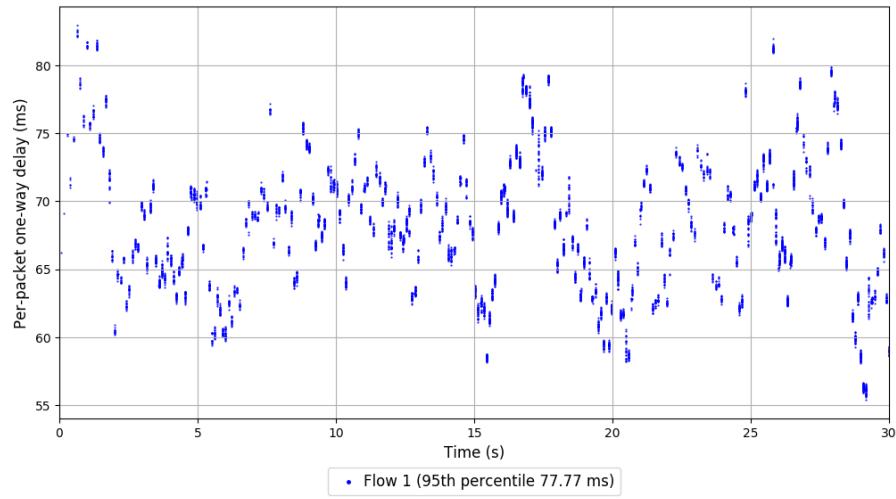
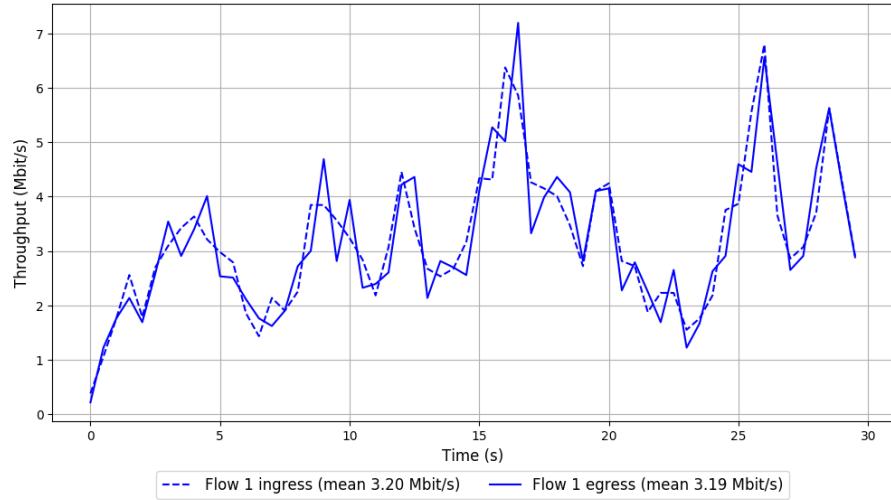


```
Run 10: Statistics of LEDBAT
```

```
Start at: 2017-11-16 02:44:07
End at: 2017-11-16 02:44:37
Local clock offset: -0.261 ms
Remote clock offset: -7.78 ms

# Below is generated by plot.py at 2017-11-16 03:00:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.19 Mbit/s
95th percentile per-packet one-way delay: 77.765 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 3.19 Mbit/s
95th percentile per-packet one-way delay: 77.765 ms
Loss rate: 0.54%
```

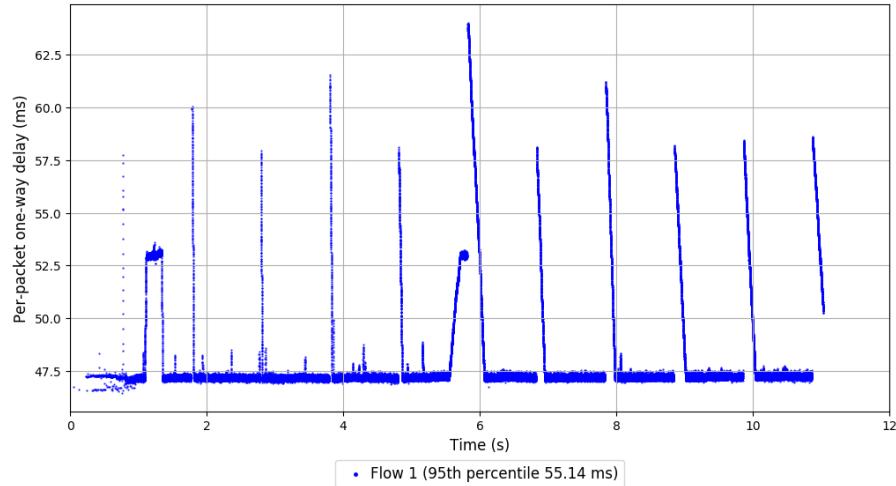
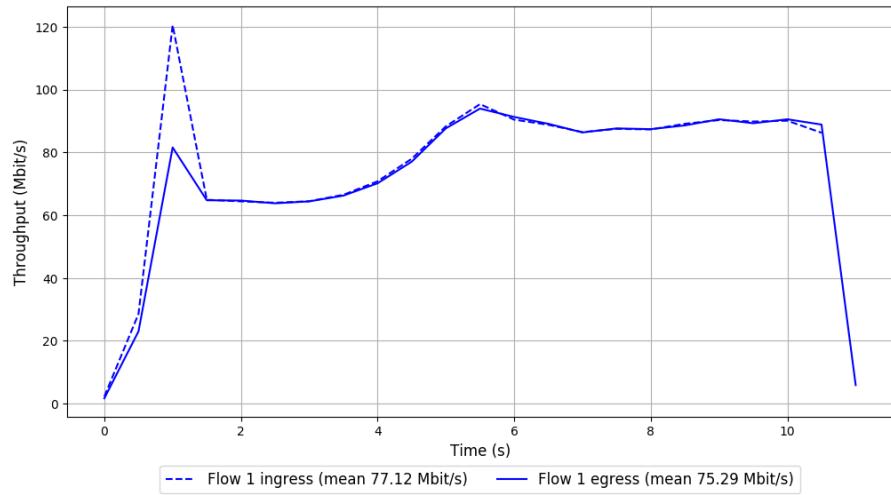
## Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: 2017-11-15 23:44:18  
End at: 2017-11-15 23:44:48  
Local clock offset: -6.635 ms  
Remote clock offset: -7.423 ms

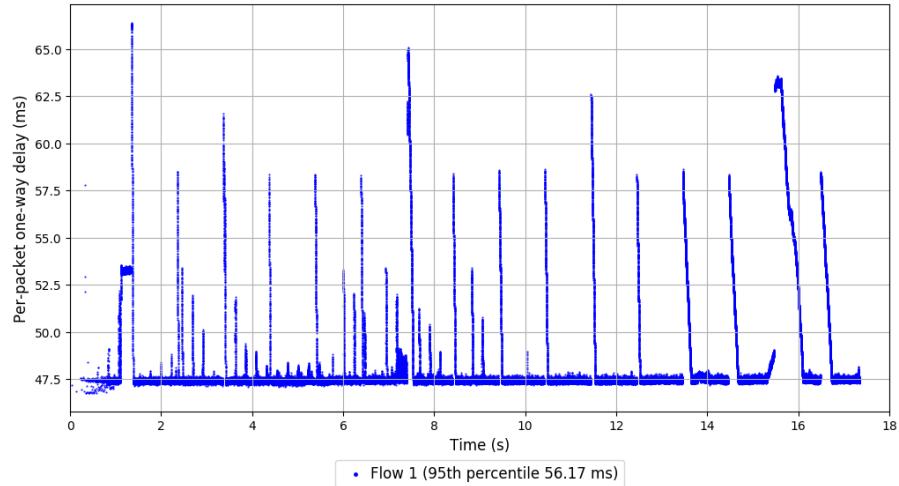
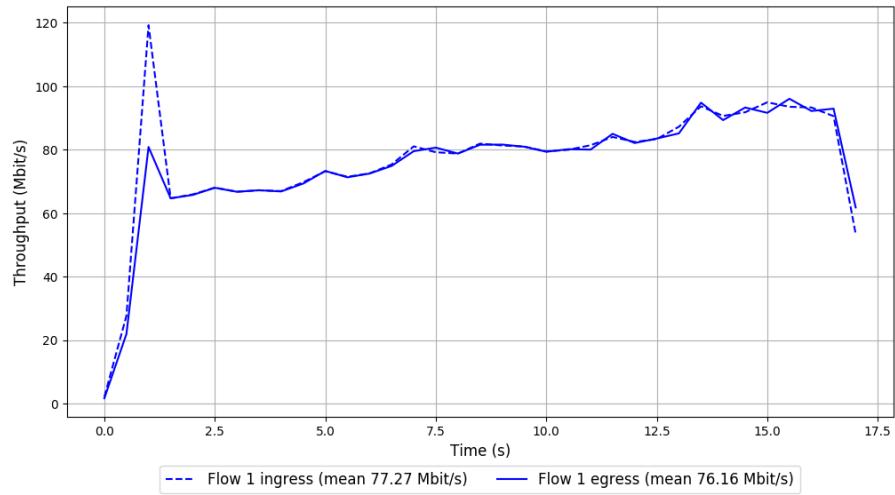
### Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-11-16 00:04:37  
End at: 2017-11-16 00:05:07  
Local clock offset: -4.876 ms  
Remote clock offset: -7.671 ms

## Run 2: Report of PCC — Data Link

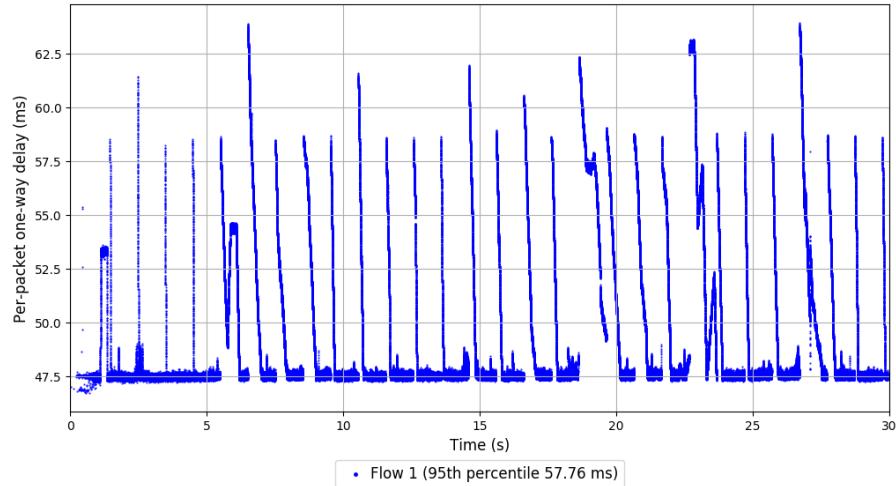
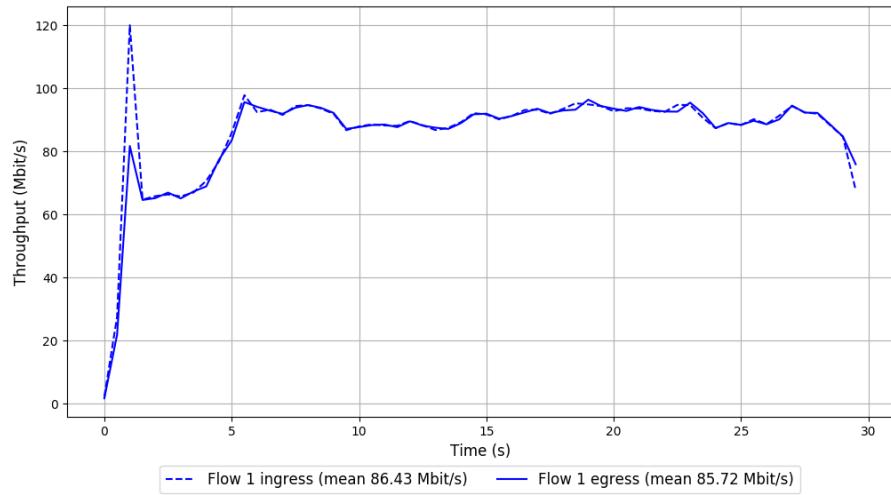


Run 3: Statistics of PCC

```
Start at: 2017-11-16 00:24:26
End at: 2017-11-16 00:24:56
Local clock offset: -3.736 ms
Remote clock offset: -7.911 ms

# Below is generated by plot.py at 2017-11-16 03:01:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.72 Mbit/s
95th percentile per-packet one-way delay: 57.762 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 85.72 Mbit/s
95th percentile per-packet one-way delay: 57.762 ms
Loss rate: 0.82%
```

### Run 3: Report of PCC — Data Link

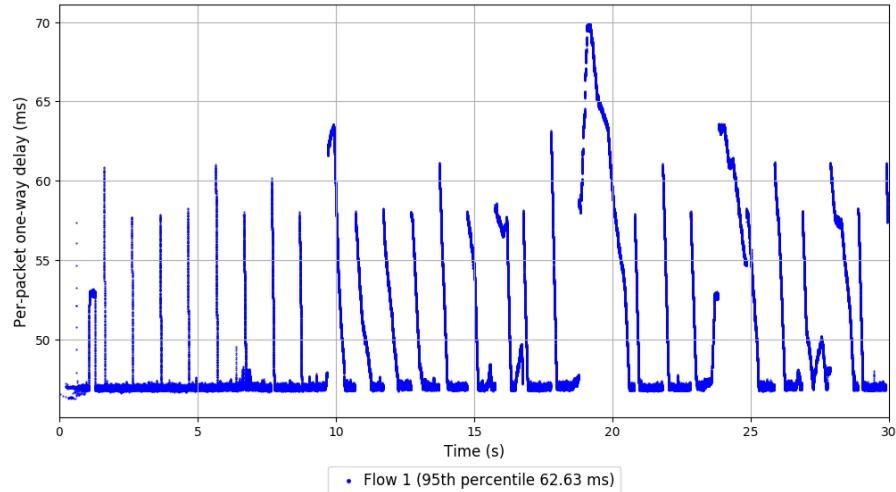
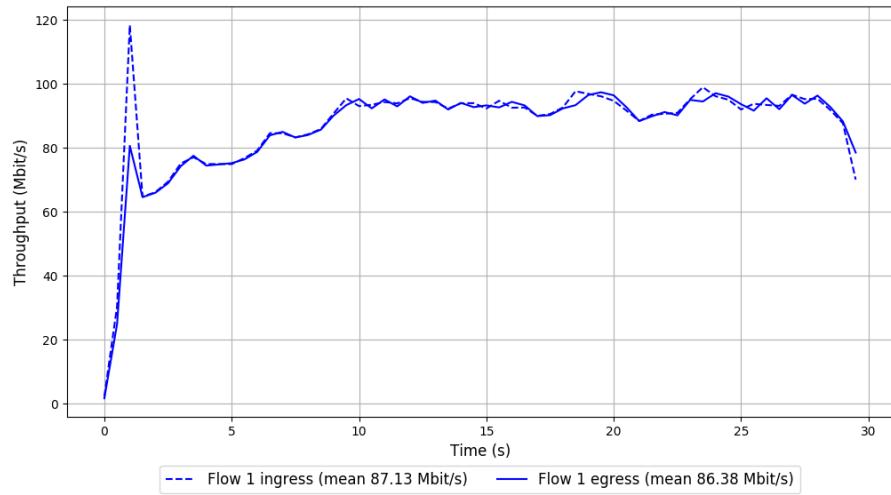


Run 4: Statistics of PCC

```
Start at: 2017-11-16 00:44:27
End at: 2017-11-16 00:44:57
Local clock offset: -3.15 ms
Remote clock offset: -7.867 ms

# Below is generated by plot.py at 2017-11-16 03:01:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.38 Mbit/s
95th percentile per-packet one-way delay: 62.628 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 86.38 Mbit/s
95th percentile per-packet one-way delay: 62.628 ms
Loss rate: 0.82%
```

## Run 4: Report of PCC — Data Link

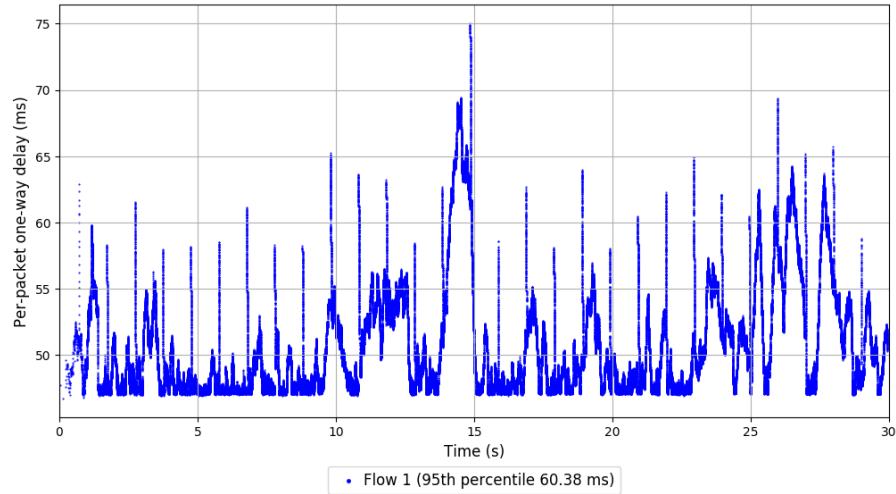
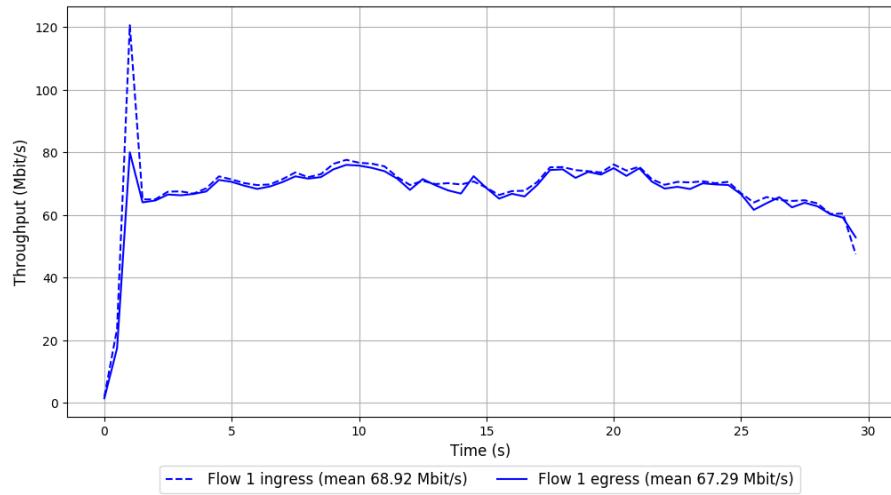


Run 5: Statistics of PCC

```
Start at: 2017-11-16 01:04:26
End at: 2017-11-16 01:04:56
Local clock offset: -2.798 ms
Remote clock offset: -7.99 ms

# Below is generated by plot.py at 2017-11-16 03:01:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.29 Mbit/s
95th percentile per-packet one-way delay: 60.376 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 67.29 Mbit/s
95th percentile per-packet one-way delay: 60.376 ms
Loss rate: 2.35%
```

## Run 5: Report of PCC — Data Link

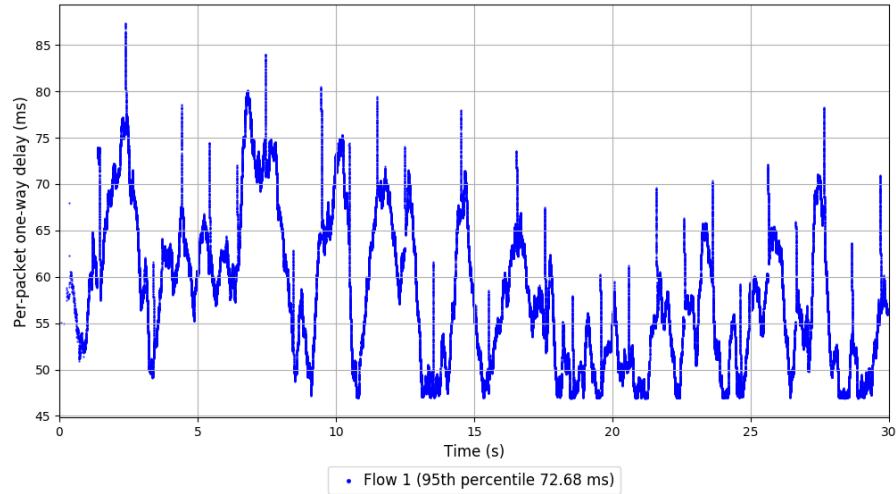
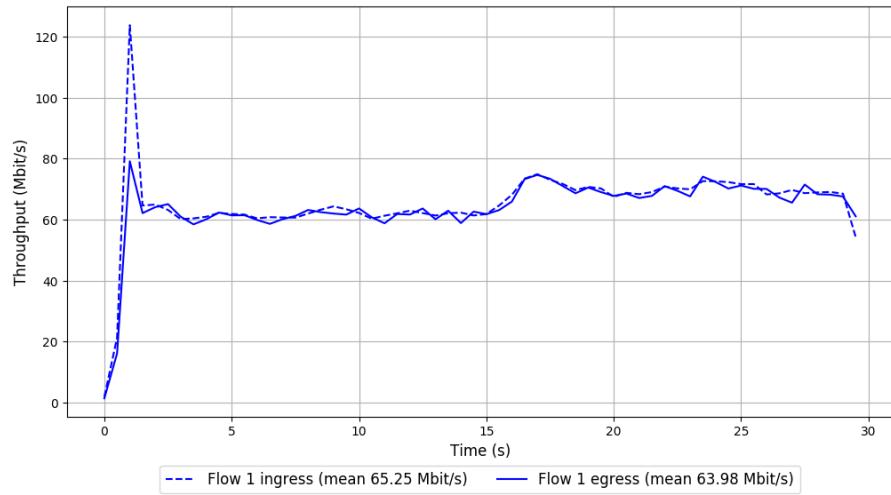


Run 6: Statistics of PCC

```
Start at: 2017-11-16 01:22:58
End at: 2017-11-16 01:23:28
Local clock offset: -2.766 ms
Remote clock offset: -8.298 ms

# Below is generated by plot.py at 2017-11-16 03:01:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.98 Mbit/s
95th percentile per-packet one-way delay: 72.679 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 63.98 Mbit/s
95th percentile per-packet one-way delay: 72.679 ms
Loss rate: 1.94%
```

### Run 6: Report of PCC — Data Link

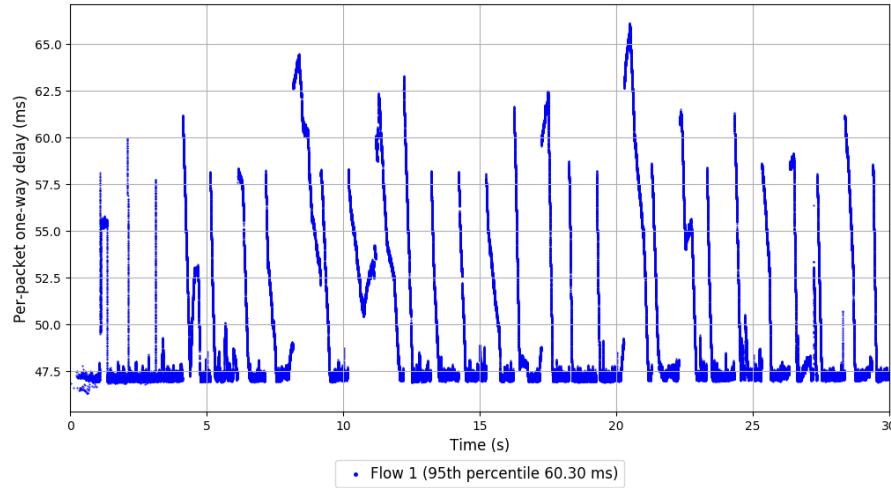
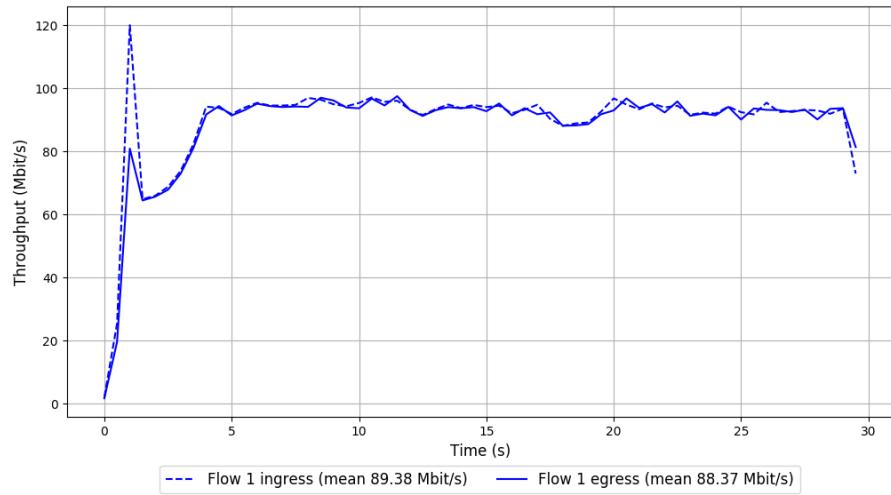


Run 7: Statistics of PCC

```
Start at: 2017-11-16 01:40:46
End at: 2017-11-16 01:41:16
Local clock offset: -1.818 ms
Remote clock offset: -8.369 ms

# Below is generated by plot.py at 2017-11-16 03:01:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.37 Mbit/s
95th percentile per-packet one-way delay: 60.297 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 88.37 Mbit/s
95th percentile per-packet one-way delay: 60.297 ms
Loss rate: 1.14%
```

### Run 7: Report of PCC — Data Link

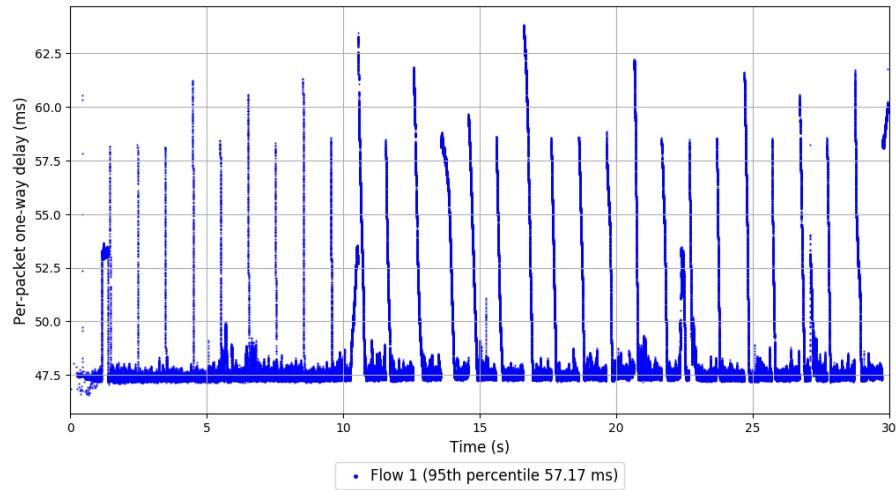
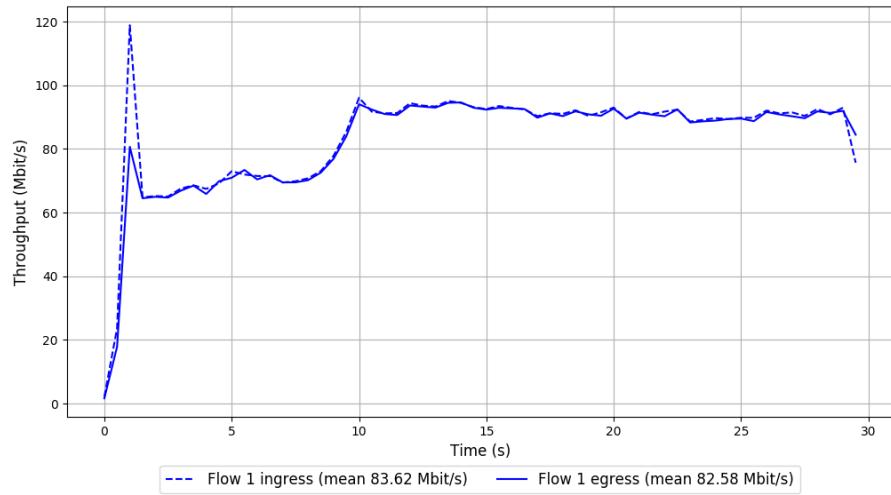


Run 8: Statistics of PCC

```
Start at: 2017-11-16 01:59:53
End at: 2017-11-16 02:00:23
Local clock offset: -1.204 ms
Remote clock offset: -8.537 ms

# Below is generated by plot.py at 2017-11-16 03:01:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.58 Mbit/s
95th percentile per-packet one-way delay: 57.167 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 82.58 Mbit/s
95th percentile per-packet one-way delay: 57.167 ms
Loss rate: 1.19%
```

### Run 8: Report of PCC — Data Link

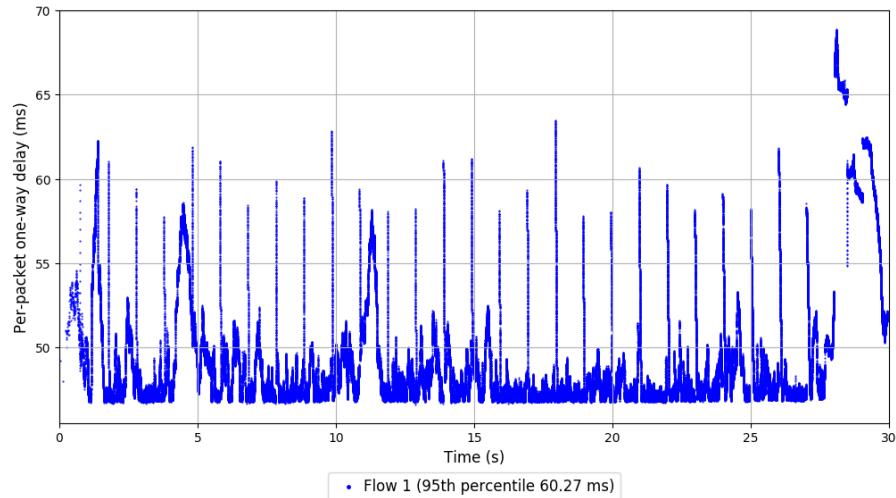
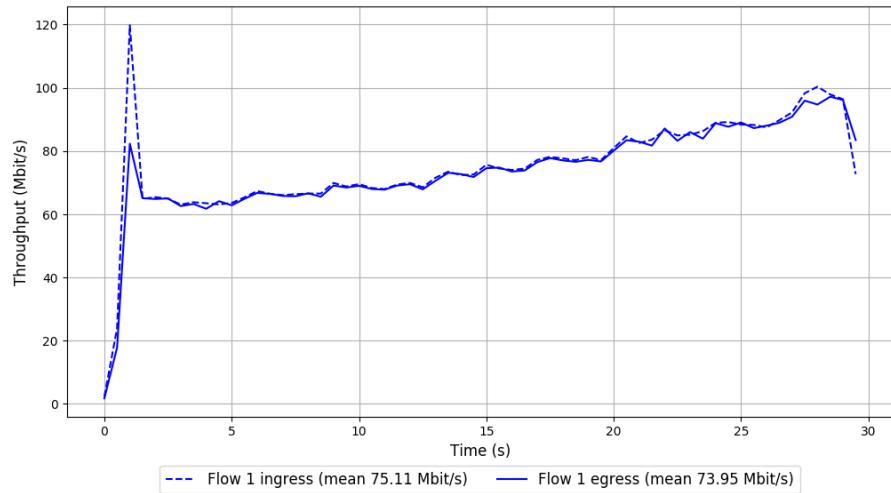


Run 9: Statistics of PCC

```
Start at: 2017-11-16 02:18:43
End at: 2017-11-16 02:19:13
Local clock offset: -0.653 ms
Remote clock offset: -8.433 ms

# Below is generated by plot.py at 2017-11-16 03:01:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.95 Mbit/s
95th percentile per-packet one-way delay: 60.274 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 73.95 Mbit/s
95th percentile per-packet one-way delay: 60.274 ms
Loss rate: 1.53%
```

### Run 9: Report of PCC — Data Link

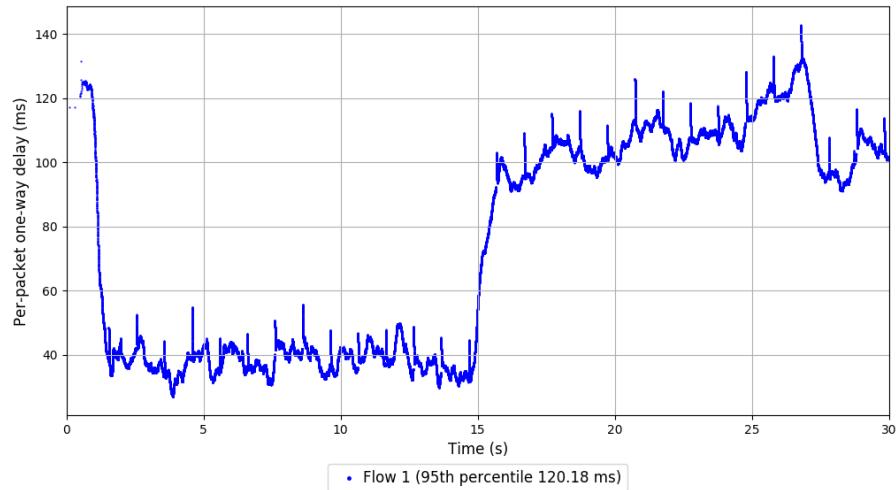
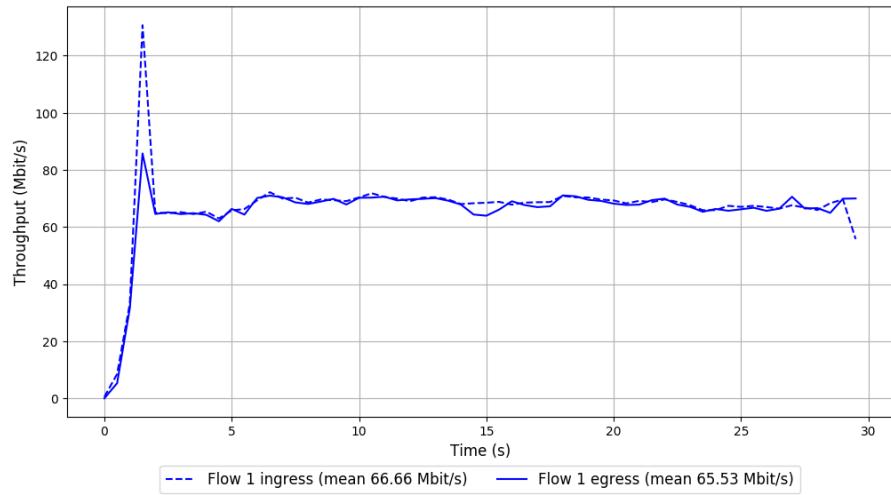


Run 10: Statistics of PCC

```
Start at: 2017-11-16 02:37:27
End at: 2017-11-16 02:37:57
Local clock offset: -0.467 ms
Remote clock offset: -34.208 ms

# Below is generated by plot.py at 2017-11-16 03:01:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.53 Mbit/s
95th percentile per-packet one-way delay: 120.181 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 65.53 Mbit/s
95th percentile per-packet one-way delay: 120.181 ms
Loss rate: 1.74%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

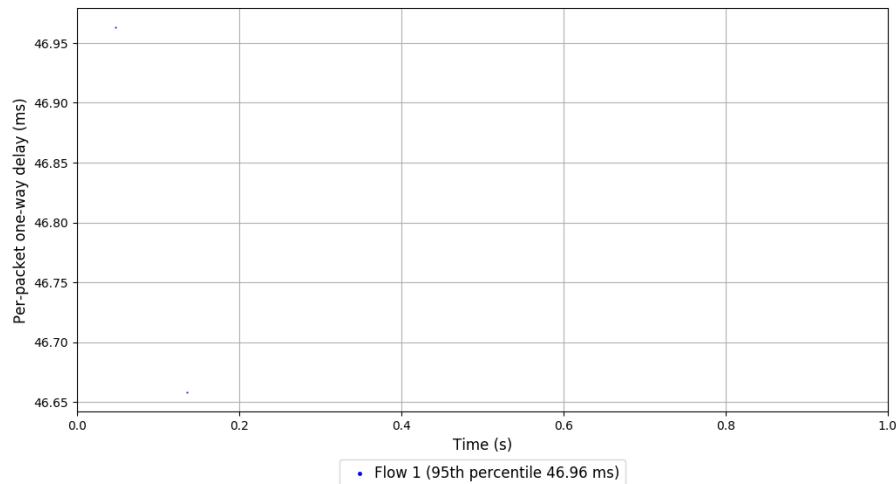
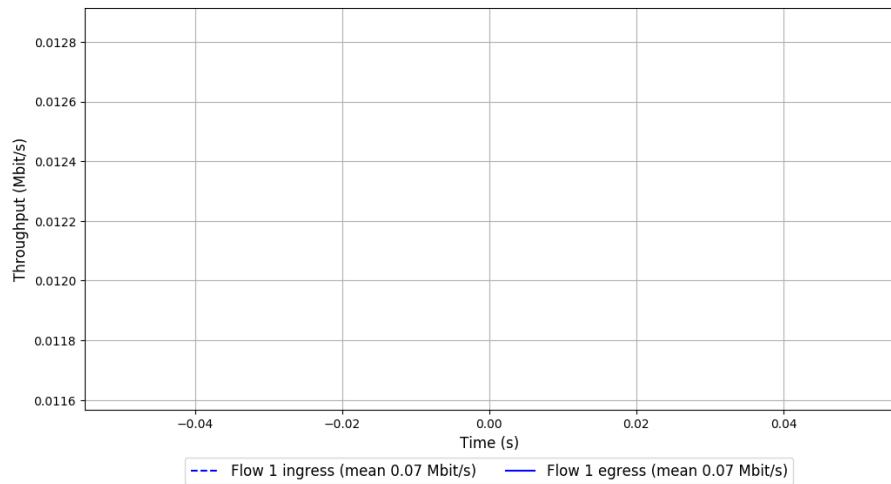
Start at: 2017-11-15 23:38:36

End at: 2017-11-15 23:39:06

Local clock offset: -7.232 ms

Remote clock offset: -7.298 ms

Run 1: Report of QUIC Cubic — Data Link

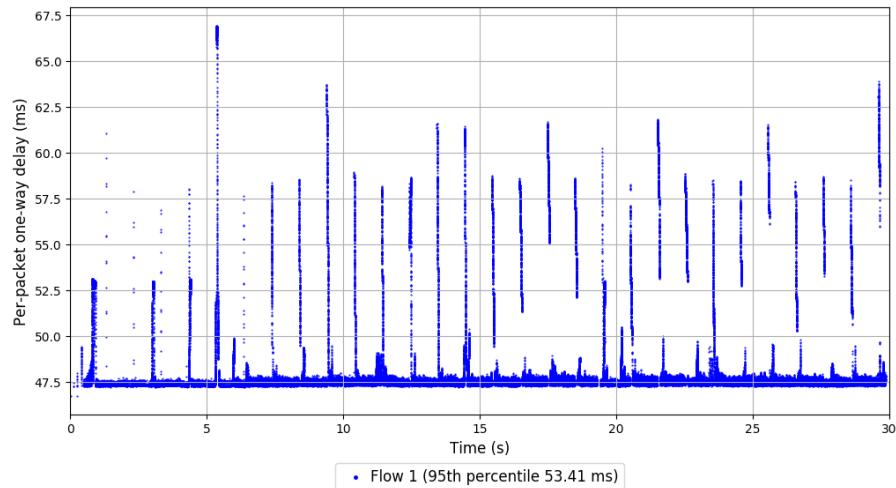
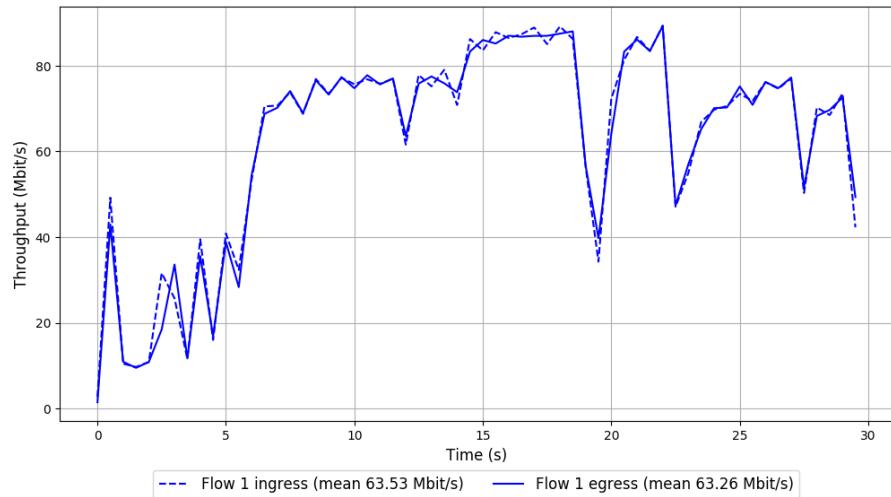


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-11-15 23:58:28
End at: 2017-11-15 23:58:58
Local clock offset: -5.358 ms
Remote clock offset: -7.625 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.26 Mbit/s
95th percentile per-packet one-way delay: 53.415 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 63.26 Mbit/s
95th percentile per-packet one-way delay: 53.415 ms
Loss rate: 0.43%
```

## Run 2: Report of QUIC Cubic — Data Link

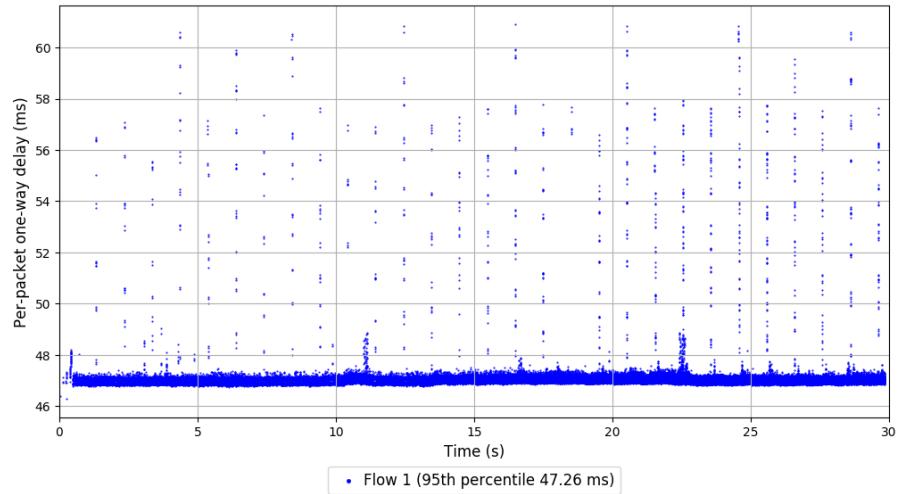
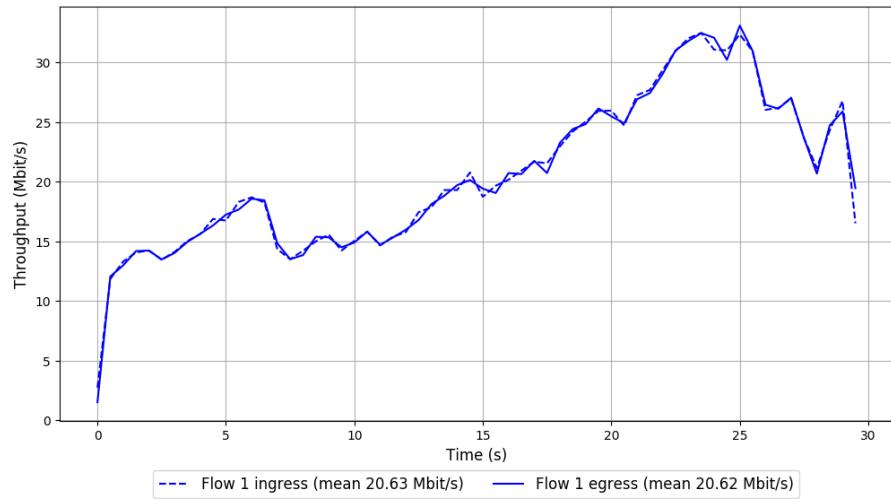


```
Run 3: Statistics of QUIC Cubic
```

```
Start at: 2017-11-16 00:18:53
End at: 2017-11-16 00:19:23
Local clock offset: -4.28 ms
Remote clock offset: -8.0 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.62 Mbit/s
95th percentile per-packet one-way delay: 47.264 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 20.62 Mbit/s
95th percentile per-packet one-way delay: 47.264 ms
Loss rate: 0.03%
```

### Run 3: Report of QUIC Cubic — Data Link

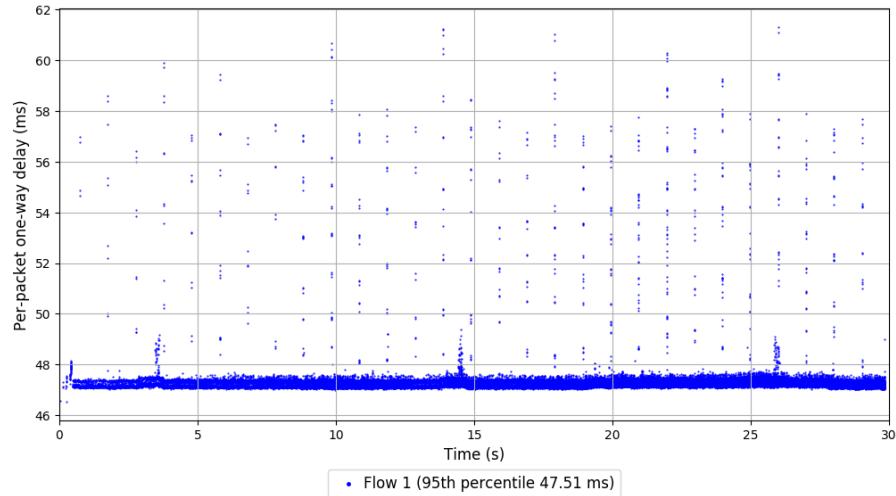
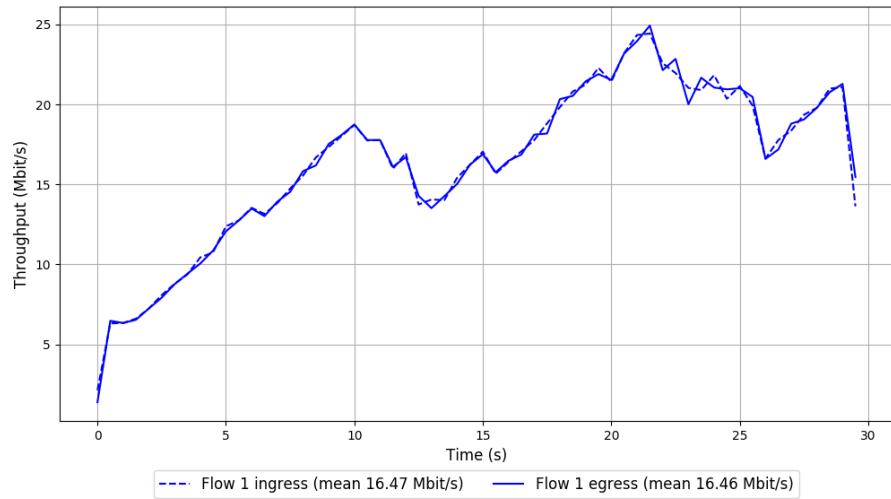


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-11-16 00:38:48
End at: 2017-11-16 00:39:18
Local clock offset: -3.314 ms
Remote clock offset: -7.918 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.46 Mbit/s
95th percentile per-packet one-way delay: 47.505 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 16.46 Mbit/s
95th percentile per-packet one-way delay: 47.505 ms
Loss rate: 0.04%
```

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

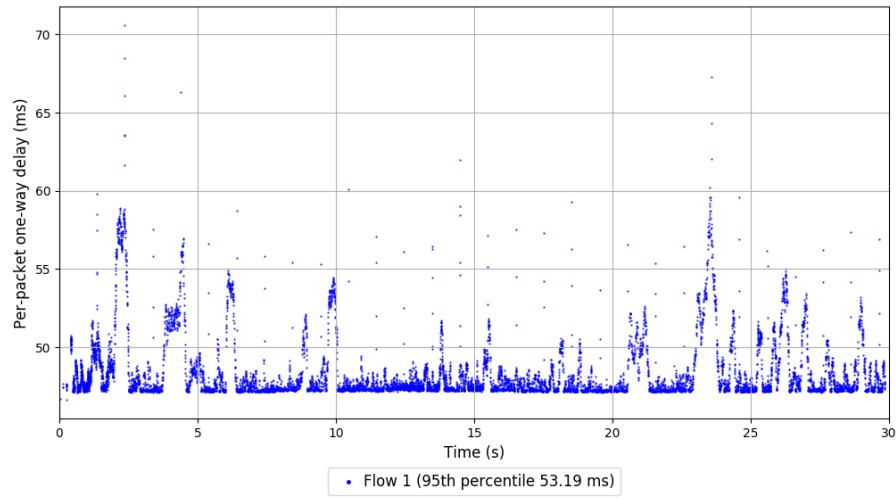
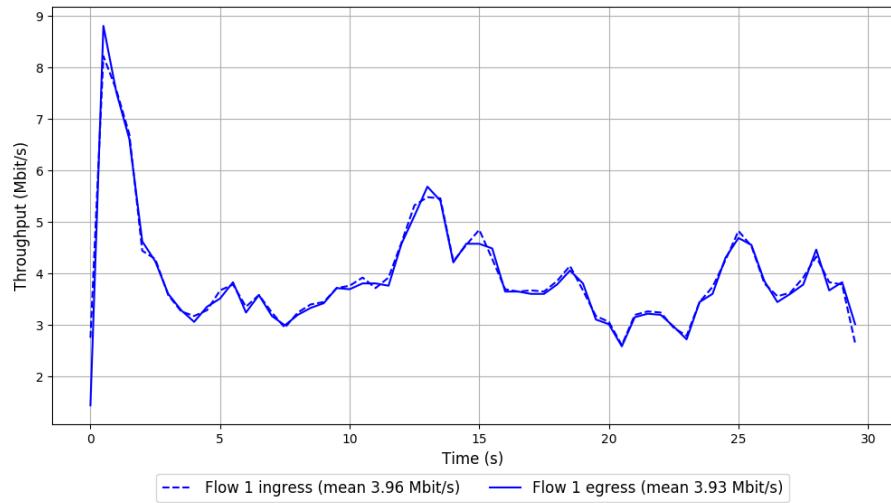


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-11-16 00:58:59
End at: 2017-11-16 00:59:29
Local clock offset: -3.1 ms
Remote clock offset: -7.949 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 53.193 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 53.193 ms
Loss rate: 0.86%
```

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

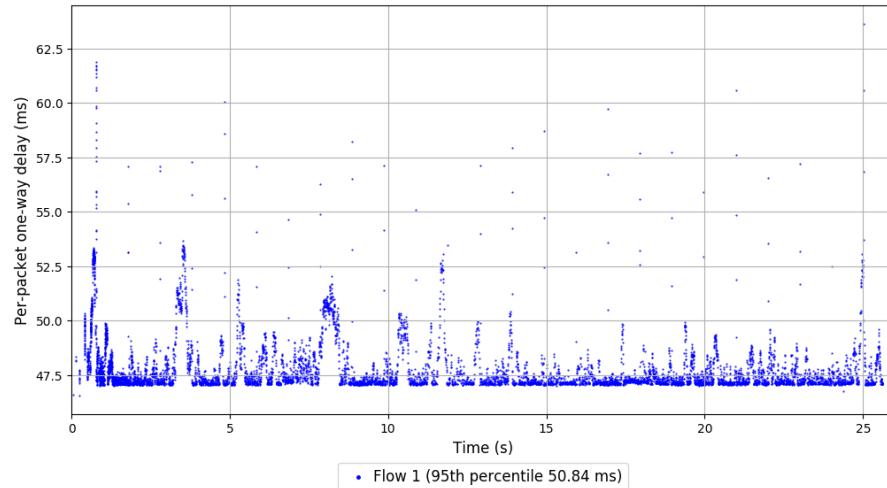
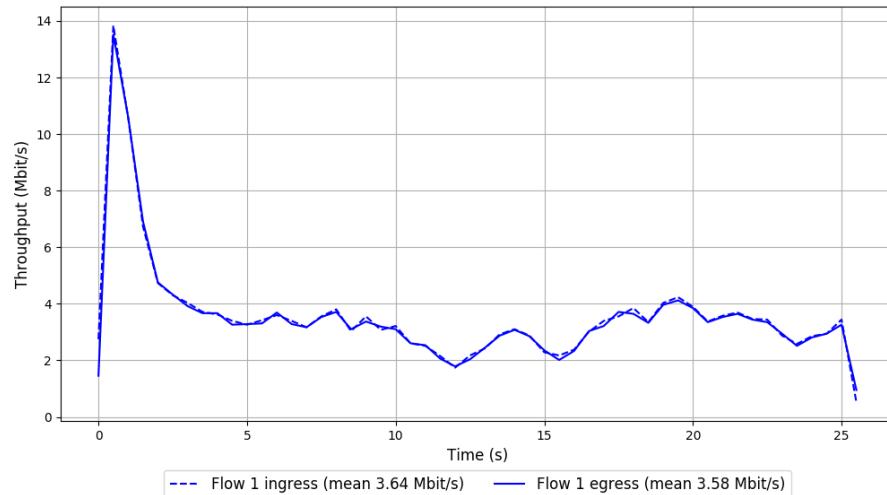


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-11-16 01:17:35
End at: 2017-11-16 01:18:05
Local clock offset: -2.83 ms
Remote clock offset: -8.364 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.58 Mbit/s
95th percentile per-packet one-way delay: 50.844 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 3.58 Mbit/s
95th percentile per-packet one-way delay: 50.844 ms
Loss rate: 1.50%
```

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



Run 7: Statistics of QUIC Cubic

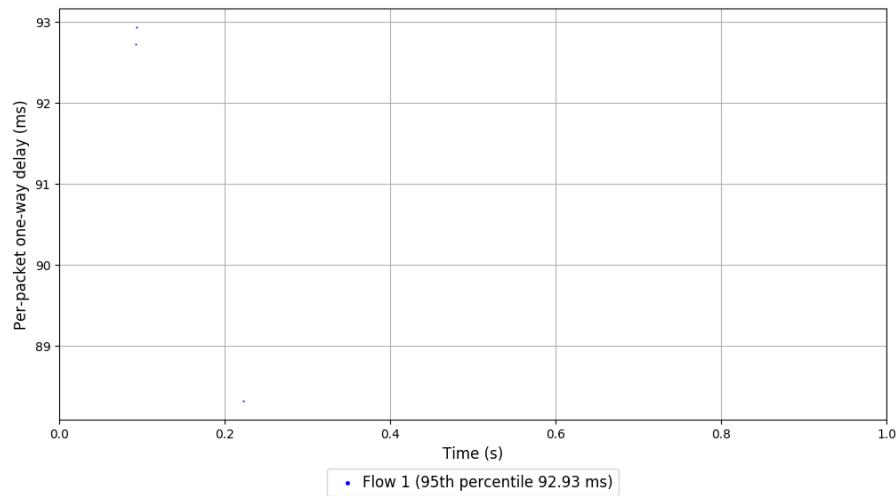
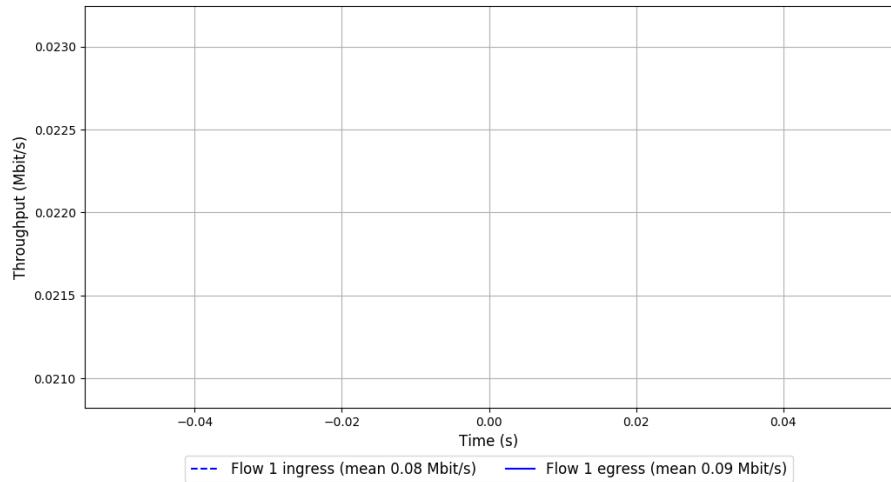
Start at: 2017-11-16 01:35:16

End at: 2017-11-16 01:35:46

Local clock offset: -2.02 ms

Remote clock offset: -9.342 ms

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



Run 8: Statistics of QUIC Cubic

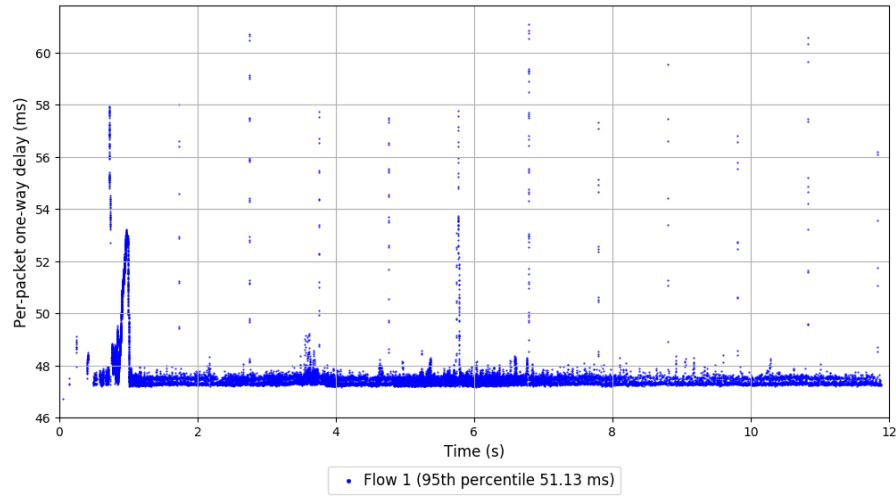
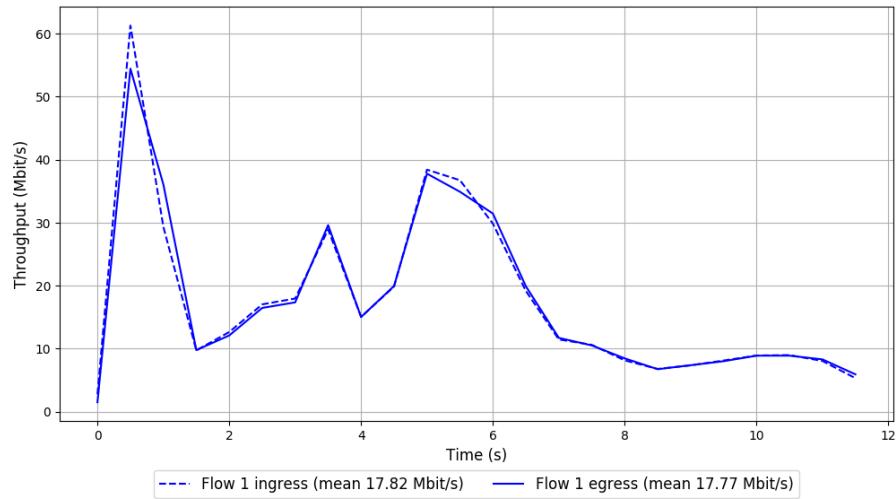
Start at: 2017-11-16 01:54:30

End at: 2017-11-16 01:55:00

Local clock offset: -1.467 ms

Remote clock offset: -8.475 ms

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

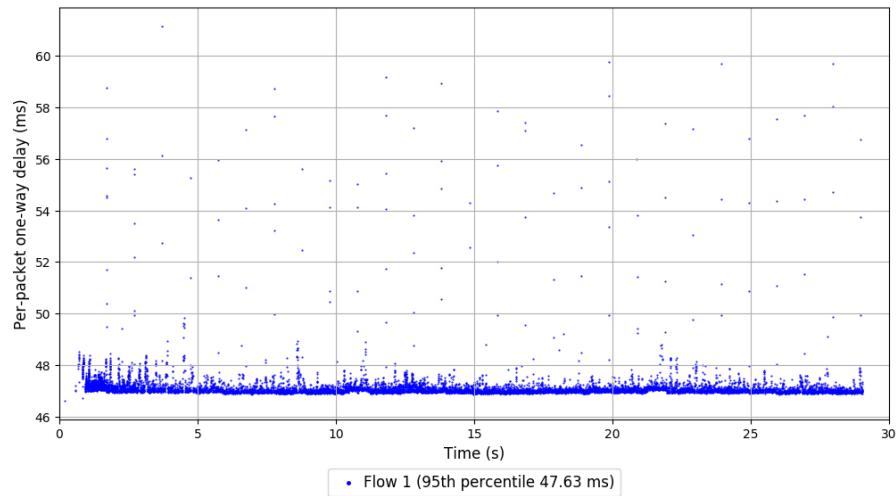
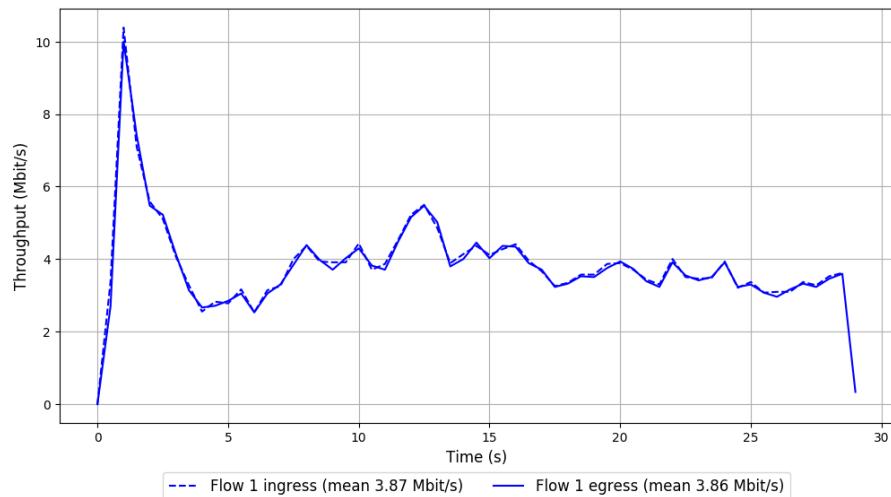


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-11-16 02:13:13
End at: 2017-11-16 02:13:43
Local clock offset: -1.03 ms
Remote clock offset: -8.579 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 47.630 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 47.630 ms
Loss rate: 0.82%
```

Run 9: Report of QUIC Cubic — Data Link

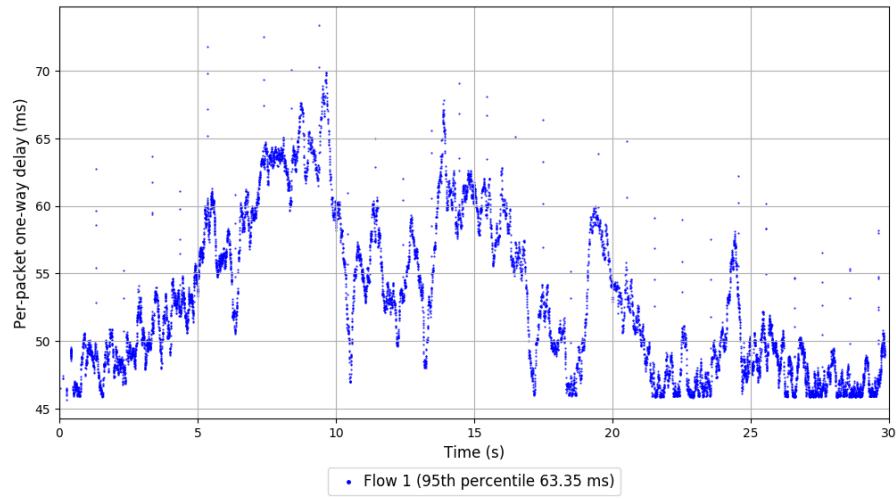
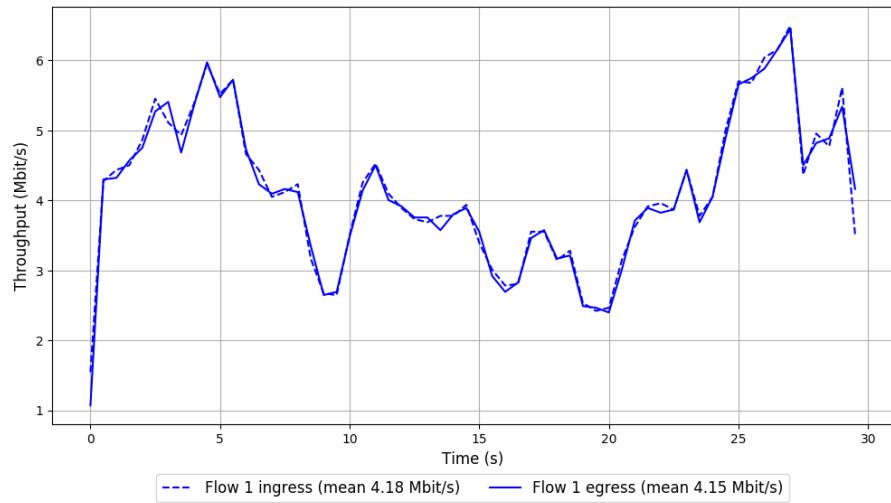


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-11-16 02:31:55
End at: 2017-11-16 02:32:25
Local clock offset: -0.659 ms
Remote clock offset: -9.477 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 63.349 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 63.349 ms
Loss rate: 0.55%
```

## Run 10: Report of QUIC Cubic — Data Link

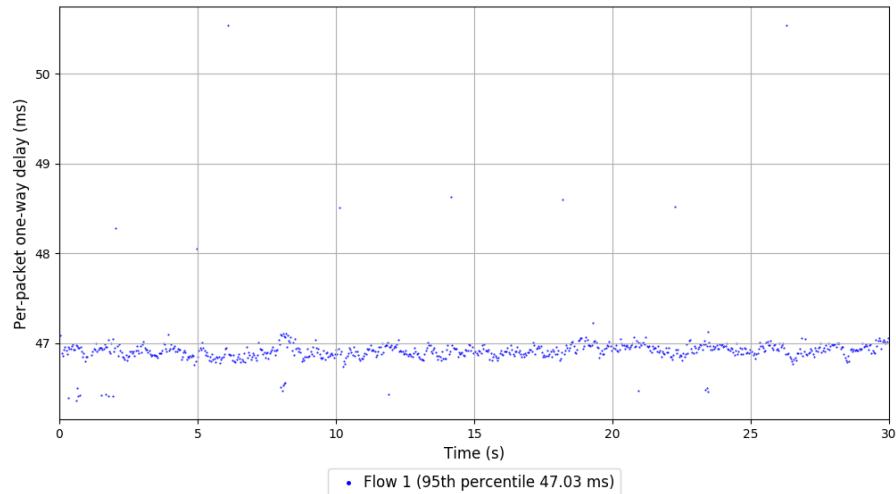
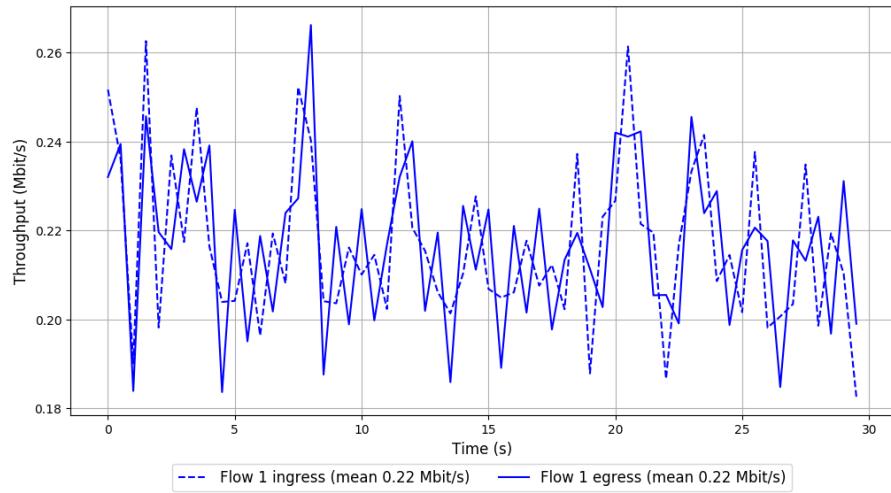


Run 1: Statistics of SCReAM

```
Start at: 2017-11-15 23:45:34
End at: 2017-11-15 23:46:04
Local clock offset: -6.346 ms
Remote clock offset: -7.469 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.033 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.033 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

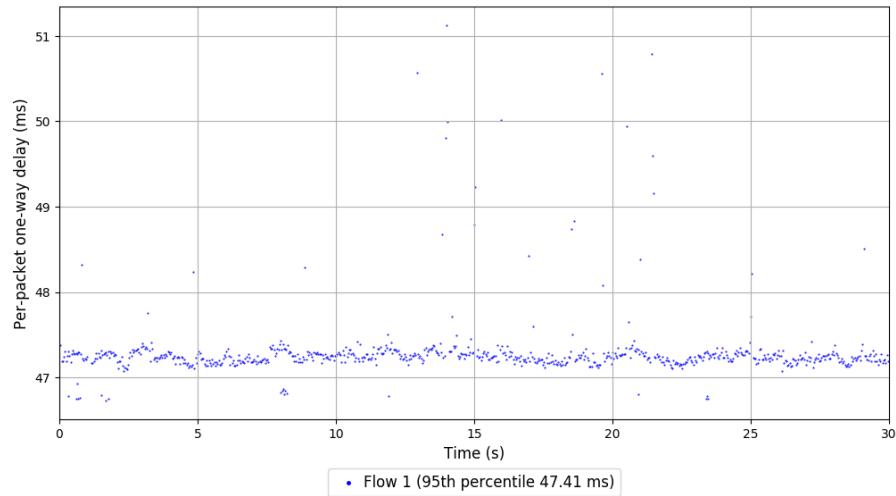
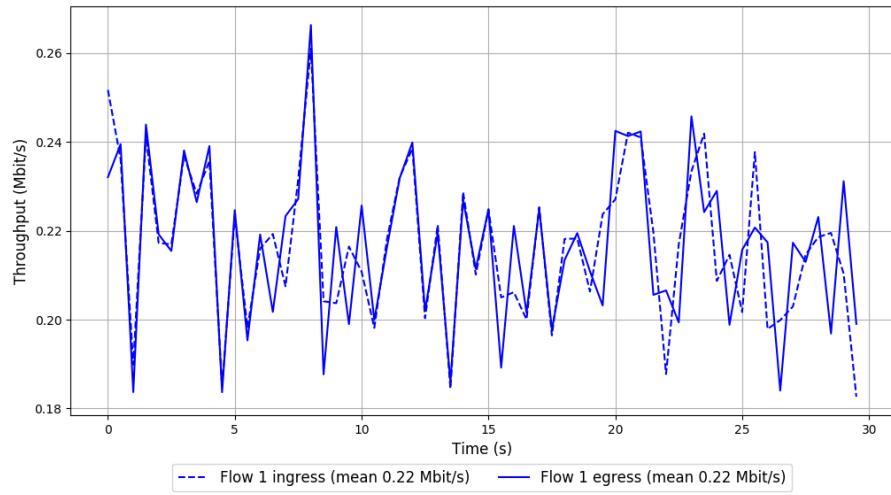


Run 2: Statistics of SCReAM

```
Start at: 2017-11-16 00:05:59
End at: 2017-11-16 00:06:29
Local clock offset: -4.792 ms
Remote clock offset: -7.732 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.409 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.409 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

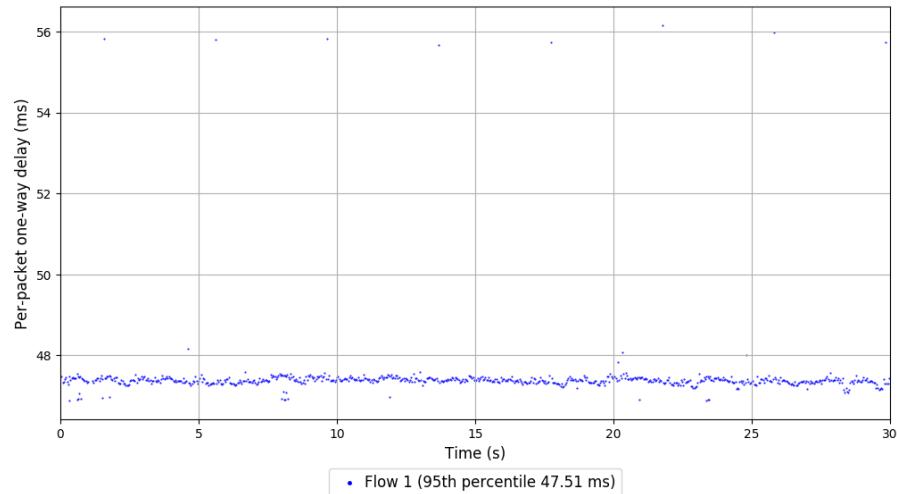
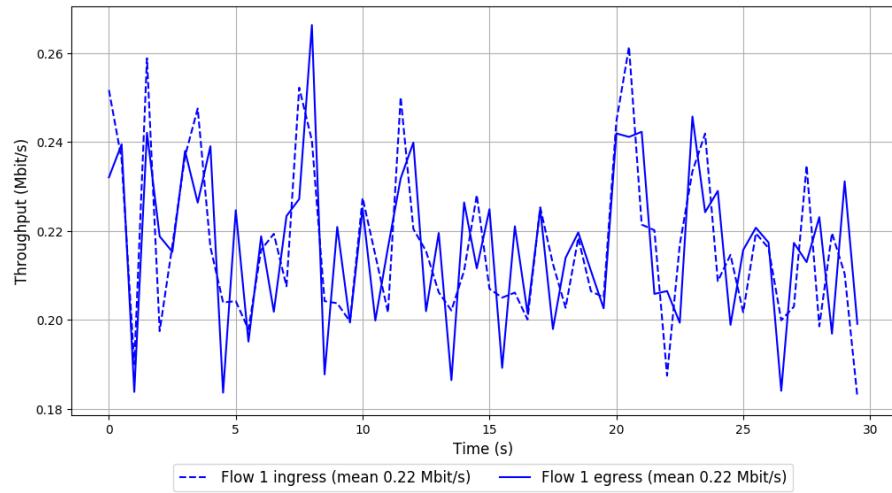


Run 3: Statistics of SCReAM

```
Start at: 2017-11-16 00:25:59
End at: 2017-11-16 00:26:29
Local clock offset: -3.634 ms
Remote clock offset: -7.933 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.505 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.505 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

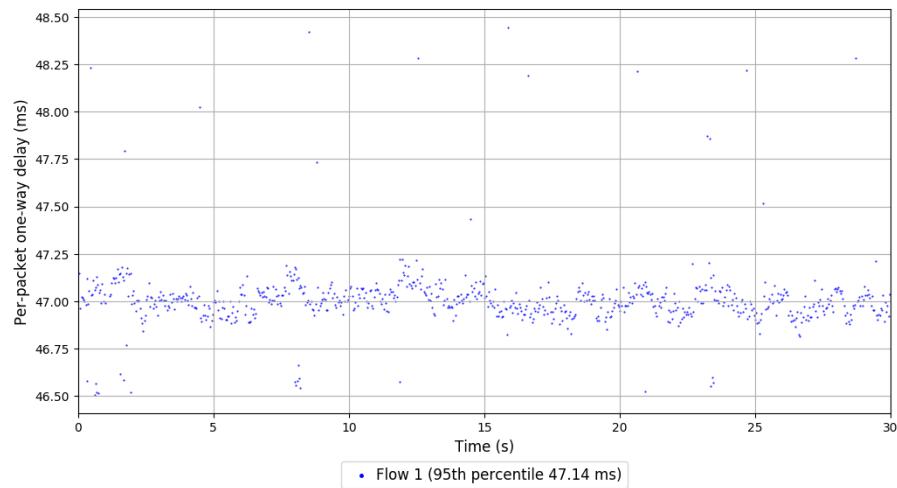
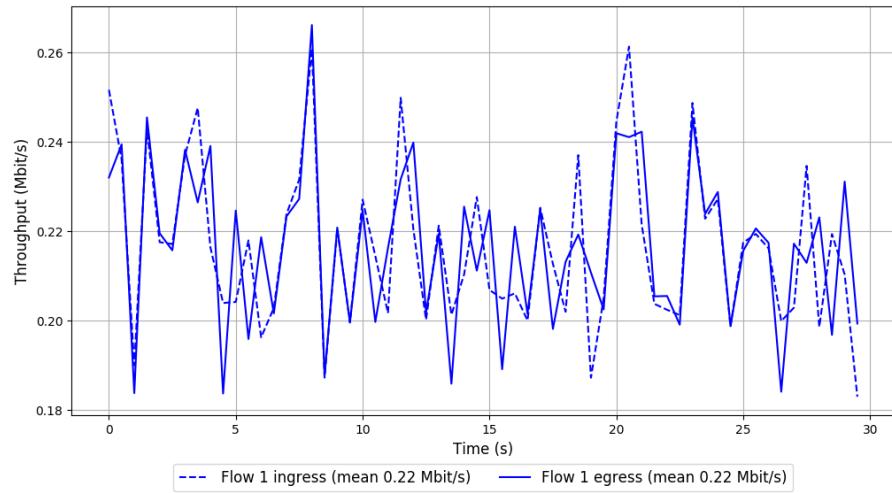


Run 4: Statistics of SCReAM

```
Start at: 2017-11-16 00:46:00
End at: 2017-11-16 00:46:30
Local clock offset: -3.355 ms
Remote clock offset: -7.919 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.142 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.142 ms
Loss rate: 0.00%
```

## Run 4: Report of SCReAM — Data Link

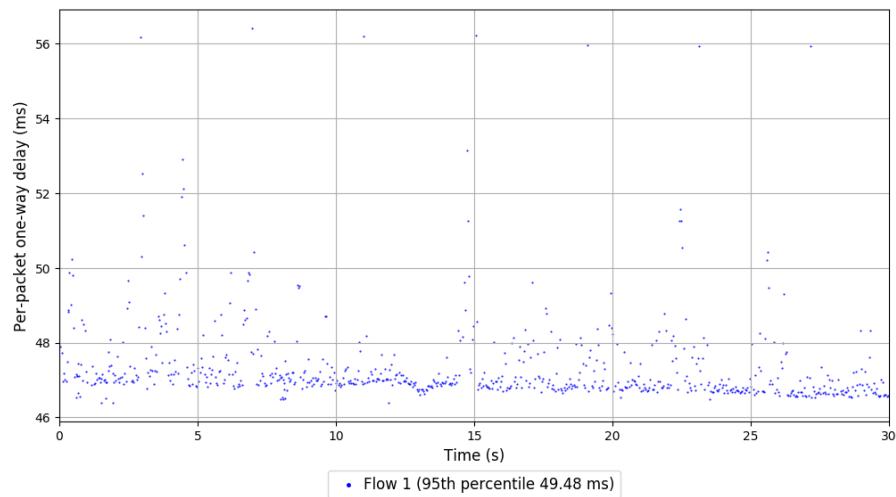
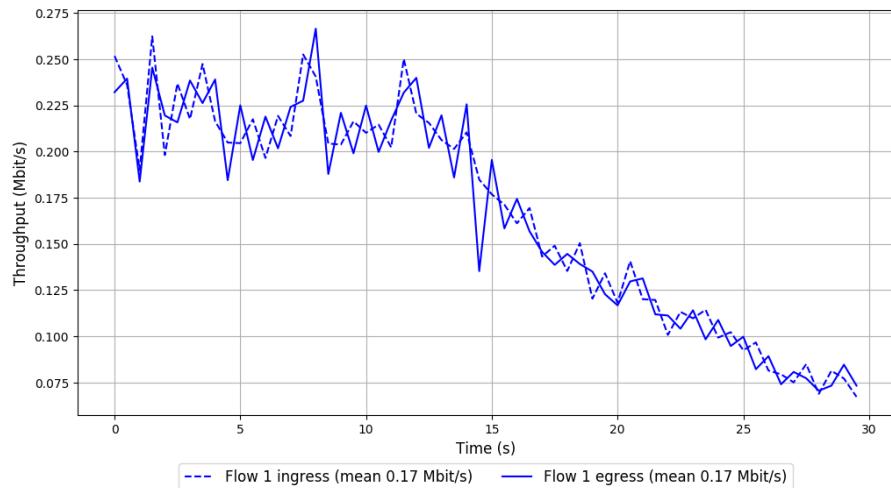


Run 5: Statistics of SCReAM

```
Start at: 2017-11-16 01:05:50
End at: 2017-11-16 01:06:20
Local clock offset: -2.899 ms
Remote clock offset: -8.078 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 49.480 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 49.480 ms
Loss rate: 0.85%
```

Run 5: Report of SCReAM — Data Link

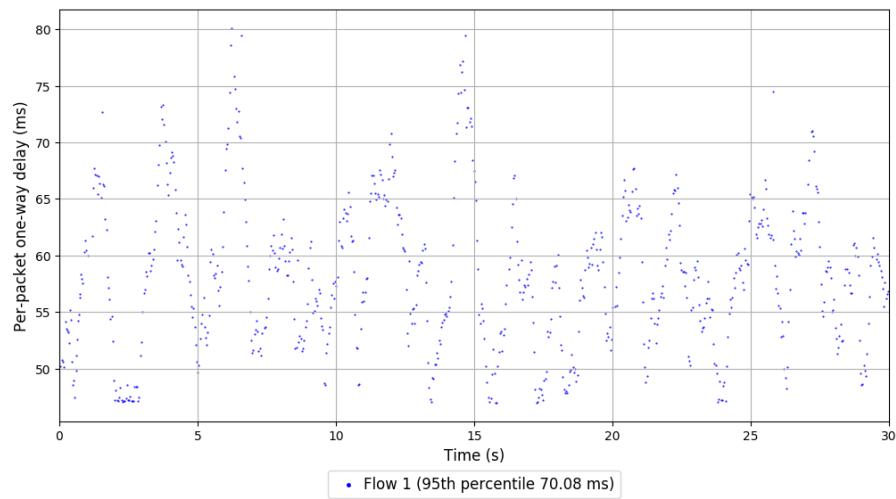
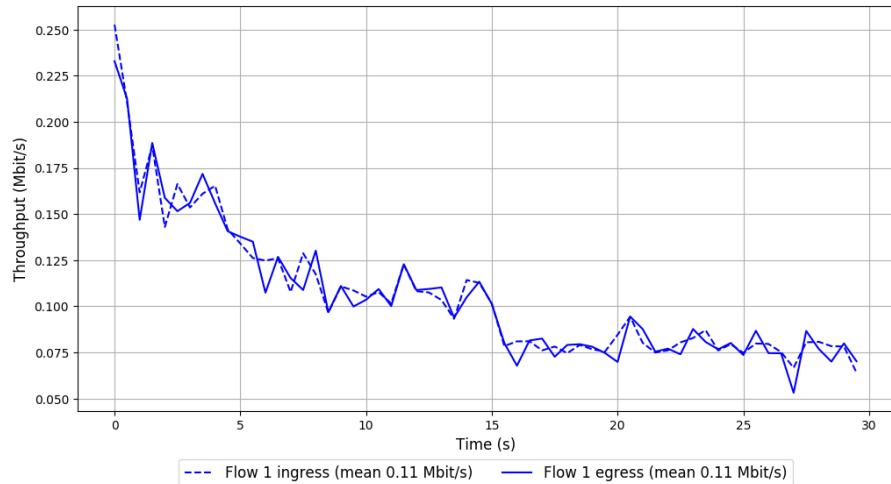


Run 6: Statistics of SCReAM

```
Start at: 2017-11-16 01:24:23
End at: 2017-11-16 01:24:53
Local clock offset: -2.788 ms
Remote clock offset: -8.348 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 70.079 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 70.079 ms
Loss rate: 1.08%
```

## Run 6: Report of SCReAM — Data Link

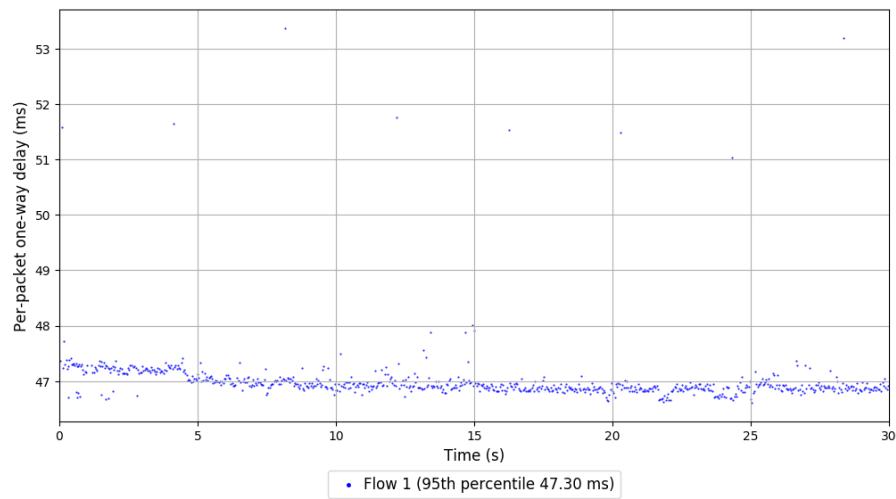
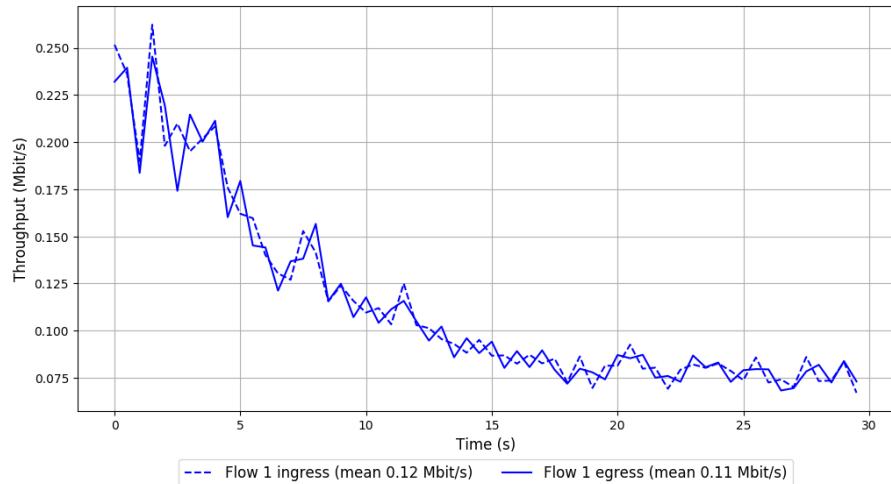


Run 7: Statistics of SCReAM

```
Start at: 2017-11-16 01:42:11
End at: 2017-11-16 01:42:41
Local clock offset: -1.652 ms
Remote clock offset: -8.32 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 47.295 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 47.295 ms
Loss rate: 0.73%
```

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

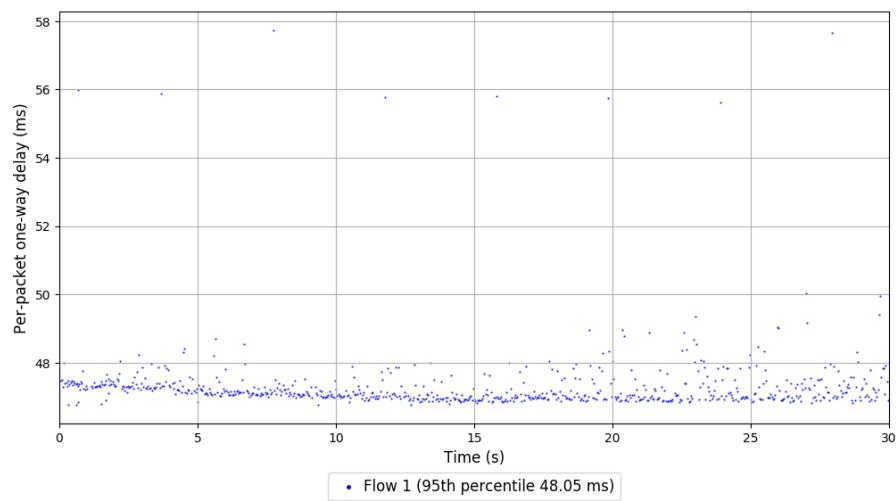
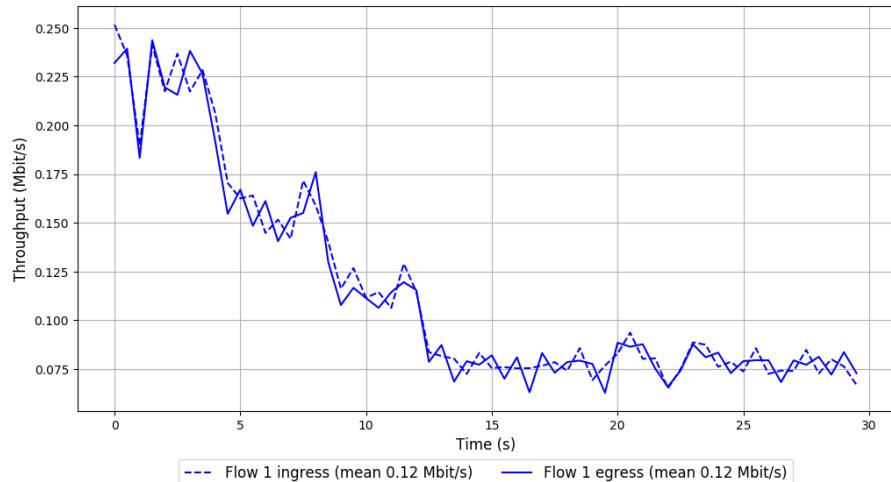


Run 8: Statistics of SCReAM

```
Start at: 2017-11-16 02:01:13
End at: 2017-11-16 02:01:43
Local clock offset: -1.121 ms
Remote clock offset: -8.556 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 48.049 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 48.049 ms
Loss rate: 1.42%
```

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

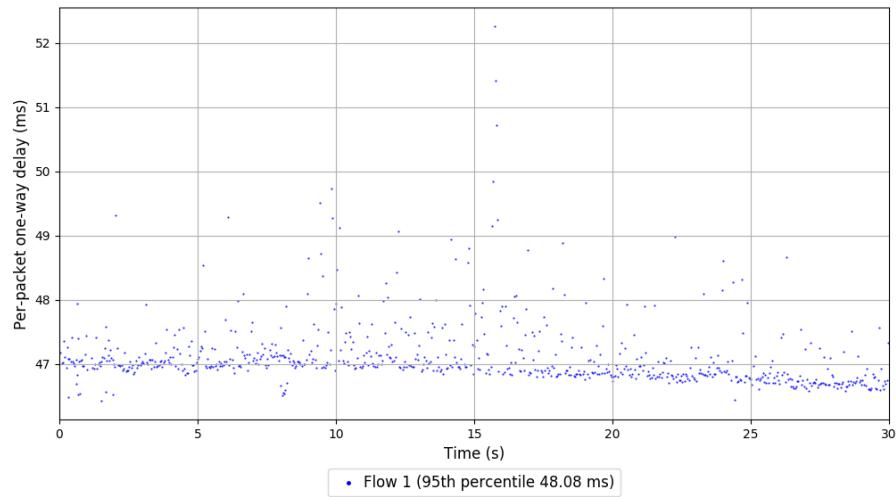
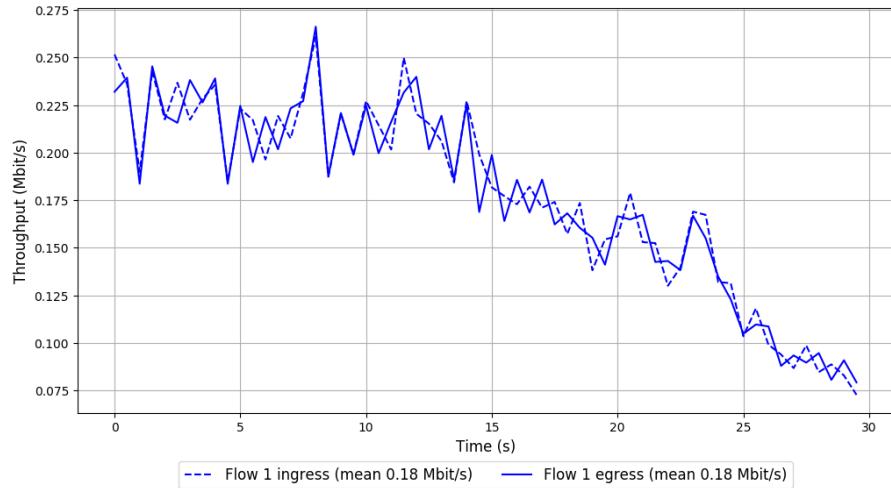


Run 9: Statistics of SCReAM

```
Start at: 2017-11-16 02:20:03
End at: 2017-11-16 02:20:33
Local clock offset: -0.733 ms
Remote clock offset: -8.4 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 48.078 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 48.078 ms
Loss rate: 0.35%
```

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

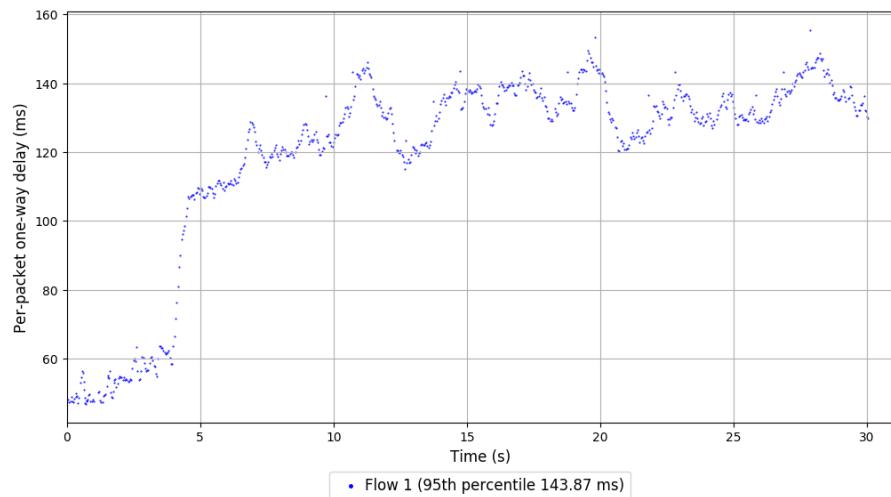
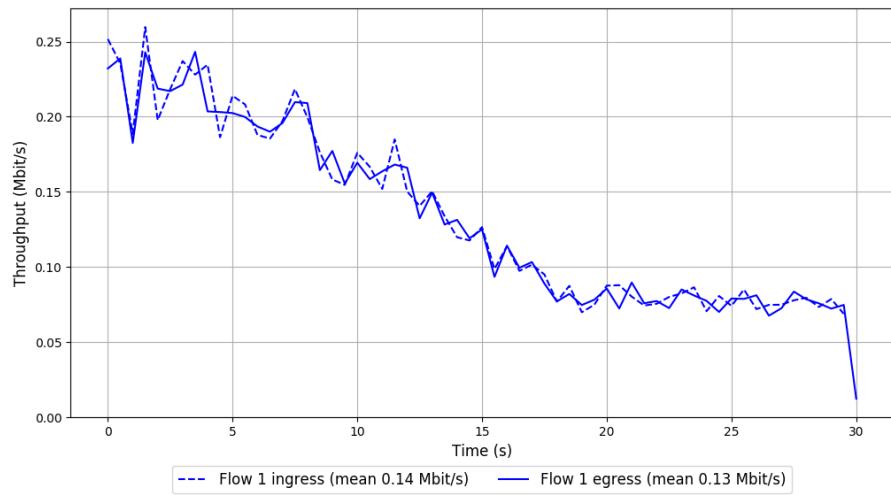


Run 10: Statistics of SCReAM

```
Start at: 2017-11-16 02:38:55
End at: 2017-11-16 02:39:25
Local clock offset: -0.379 ms
Remote clock offset: -7.932 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 143.874 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 143.874 ms
Loss rate: 0.61%
```

## Run 10: Report of SCReAM — Data Link

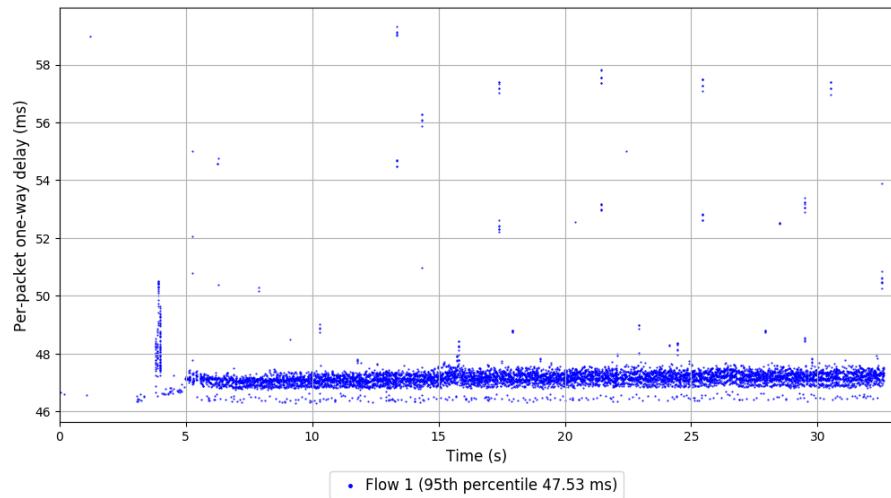
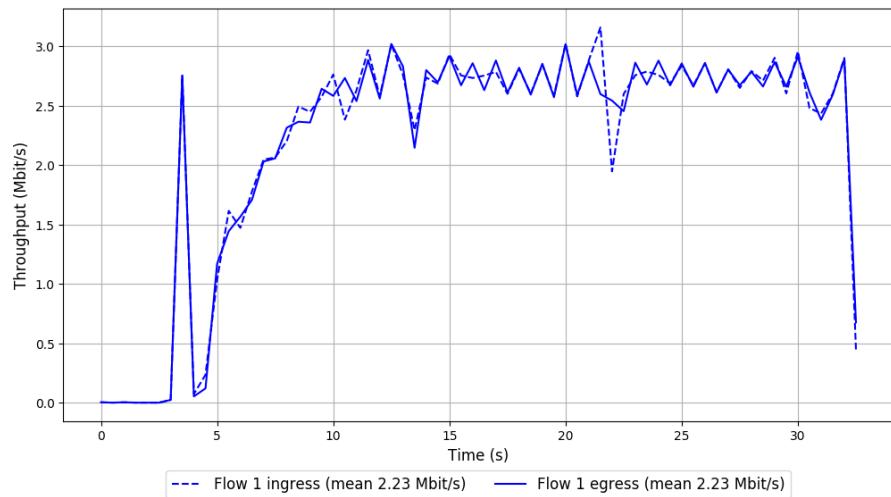


```
Run 1: Statistics of WebRTC media

Start at: 2017-11-15 23:33:12
End at: 2017-11-15 23:33:42
Local clock offset: -7.852 ms
Remote clock offset: -7.188 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 47.526 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 47.526 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

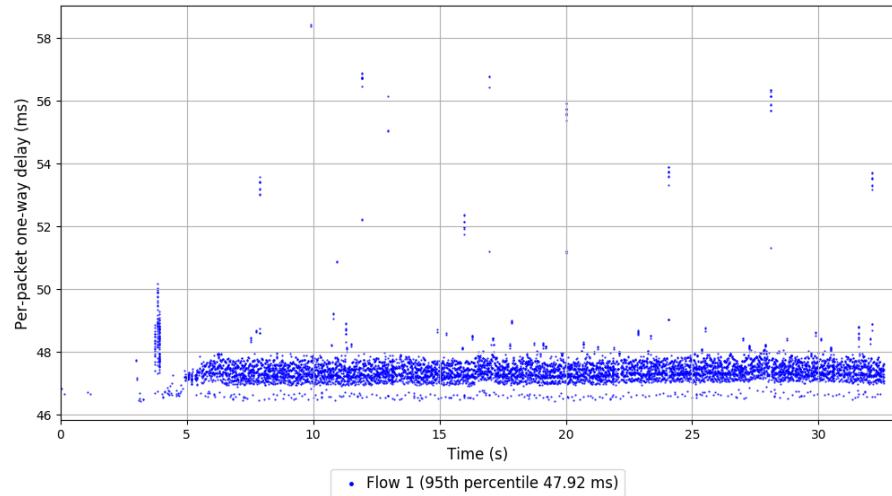
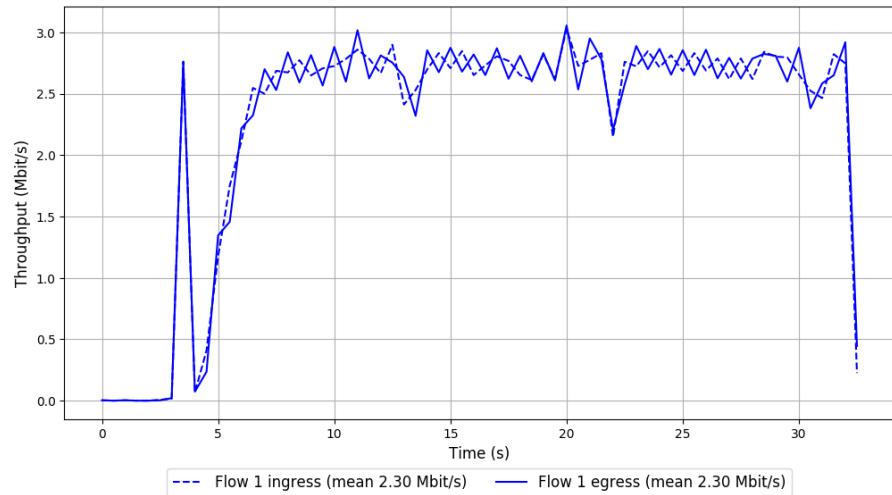


Run 2: Statistics of WebRTC media

```
Start at: 2017-11-15 23:52:47
End at: 2017-11-15 23:53:17
Local clock offset: -5.546 ms
Remote clock offset: -7.588 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 47.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 47.916 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

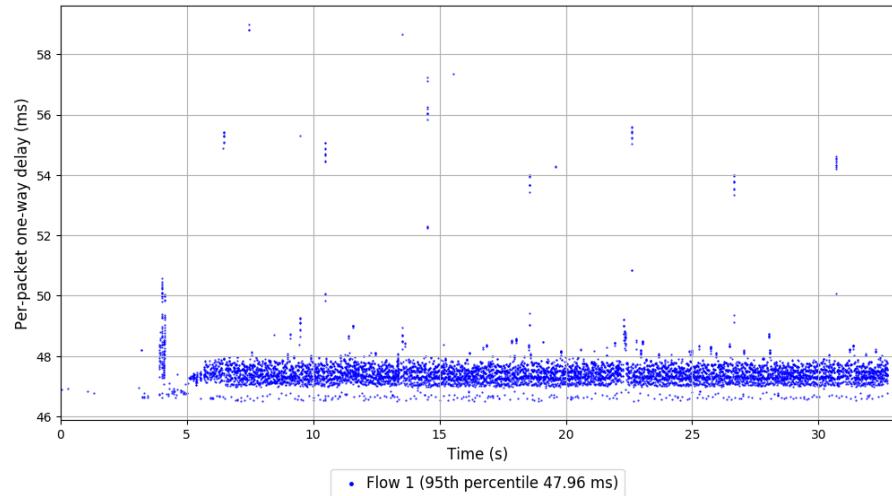
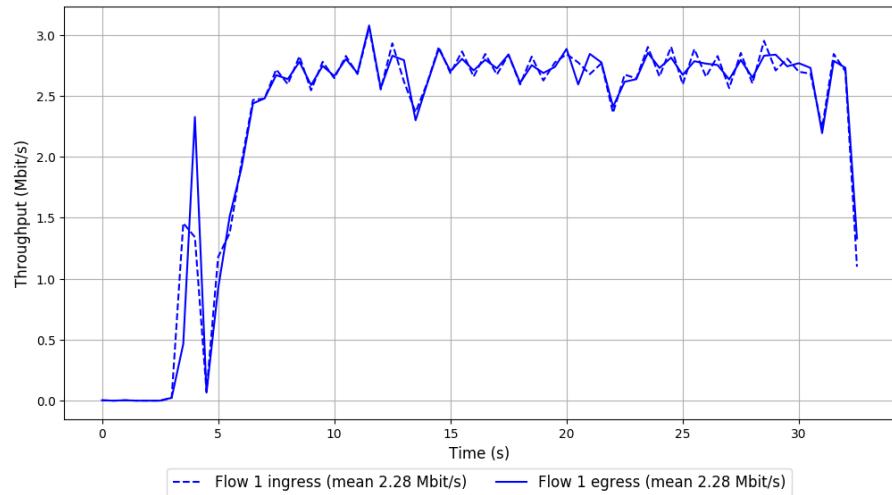


Run 3: Statistics of WebRTC media

```
Start at: 2017-11-16 00:13:12
End at: 2017-11-16 00:13:42
Local clock offset: -4.532 ms
Remote clock offset: -7.839 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 47.964 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 47.964 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

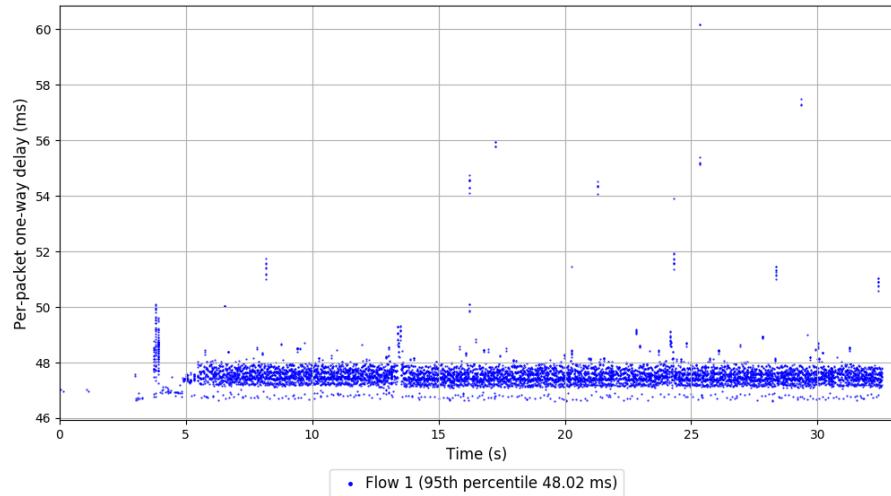
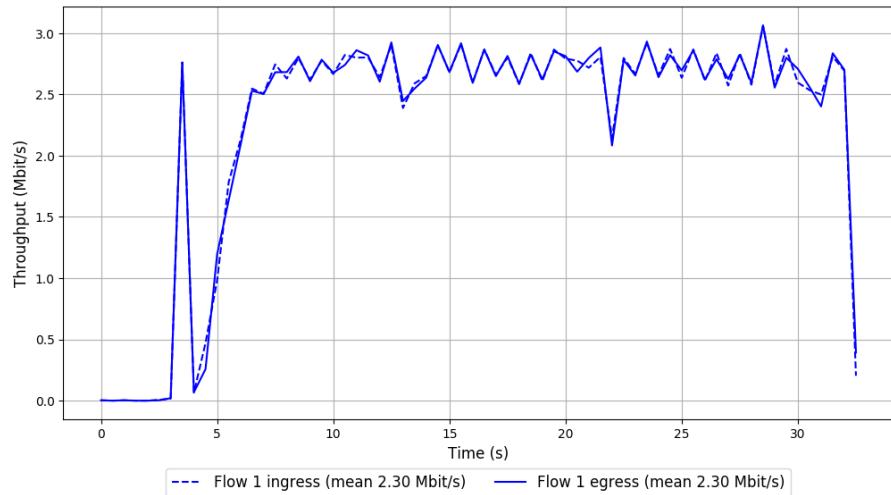


Run 4: Statistics of WebRTC media

```
Start at: 2017-11-16 00:33:05
End at: 2017-11-16 00:33:35
Local clock offset: -3.488 ms
Remote clock offset: -7.942 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 48.020 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 48.020 ms
Loss rate: 0.02%
```

Run 4: Report of WebRTC media — Data Link

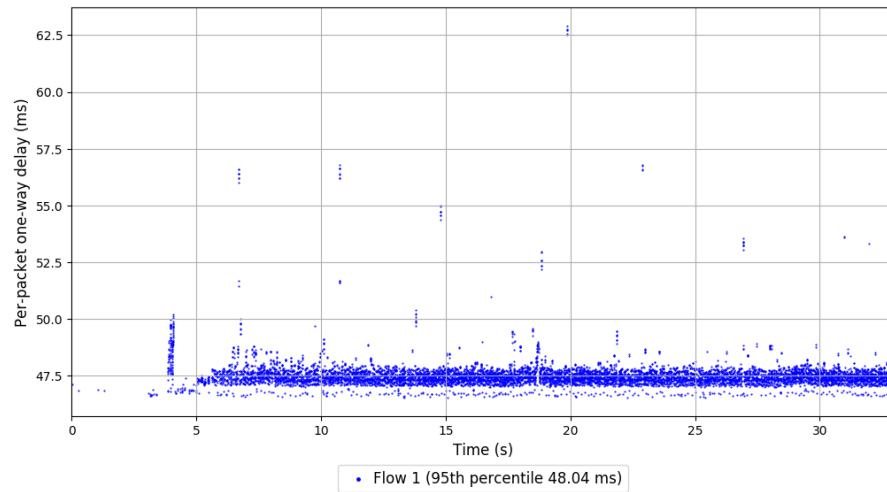
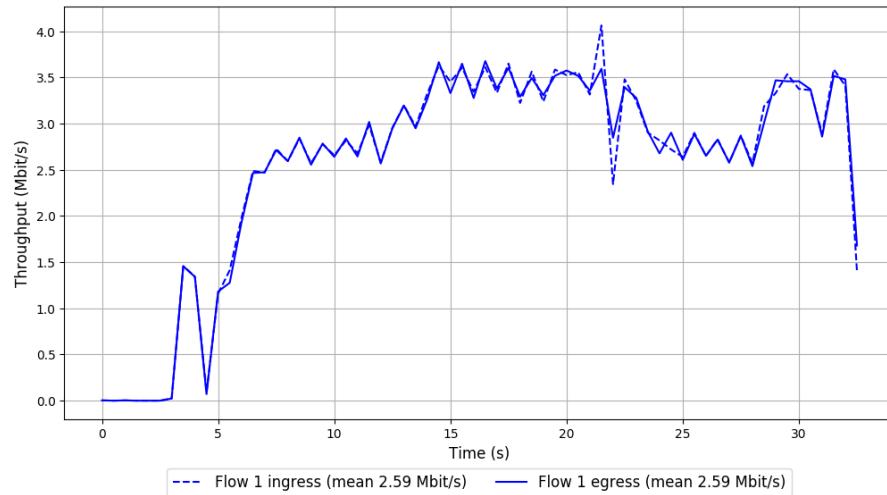


Run 5: Statistics of WebRTC media

```
Start at: 2017-11-16 00:53:13
End at: 2017-11-16 00:53:43
Local clock offset: -3.249 ms
Remote clock offset: -7.917 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: 48.044 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: 48.044 ms
Loss rate: 0.08%
```

Run 5: Report of WebRTC media — Data Link

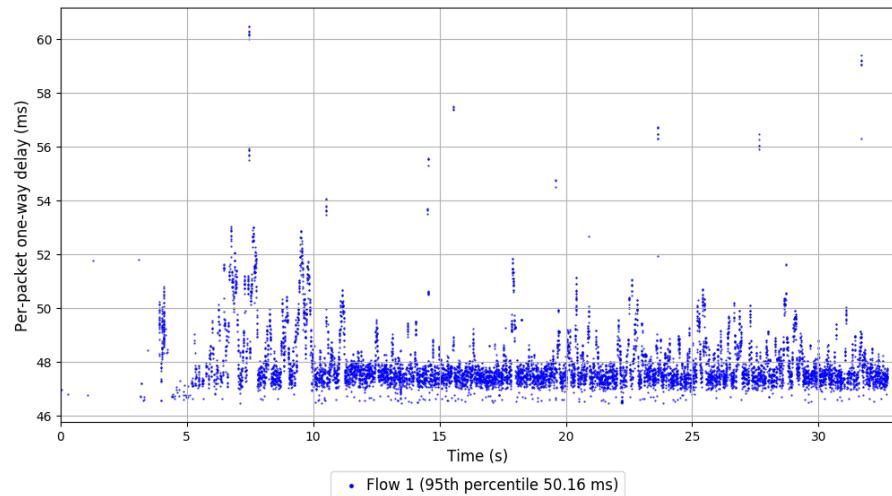
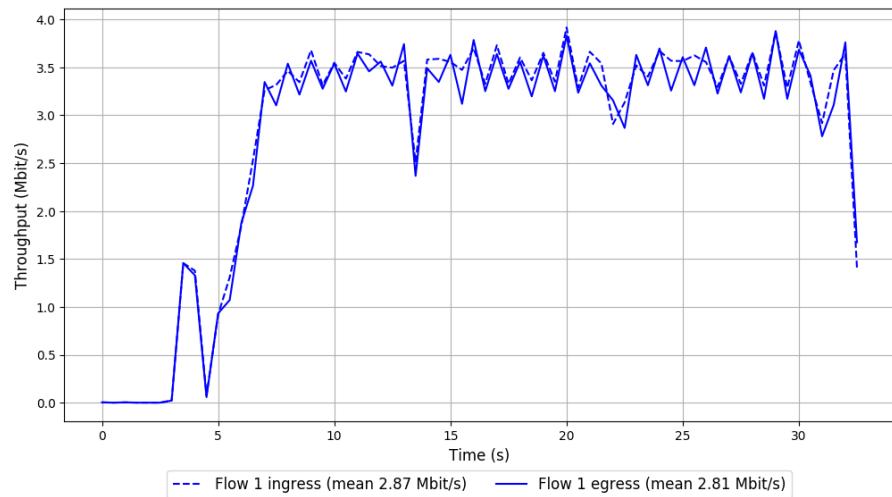


Run 6: Statistics of WebRTC media

```
Start at: 2017-11-16 01:11:58
End at: 2017-11-16 01:12:28
Local clock offset: -2.823 ms
Remote clock offset: -8.26 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.81 Mbit/s
95th percentile per-packet one-way delay: 50.161 ms
Loss rate: 2.04%
-- Flow 1:
Average throughput: 2.81 Mbit/s
95th percentile per-packet one-way delay: 50.161 ms
Loss rate: 2.04%
```

Run 6: Report of WebRTC media — Data Link

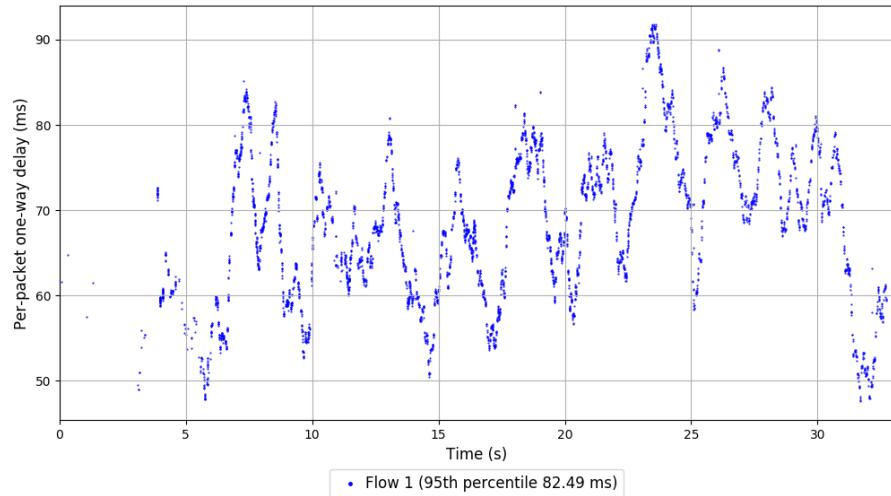
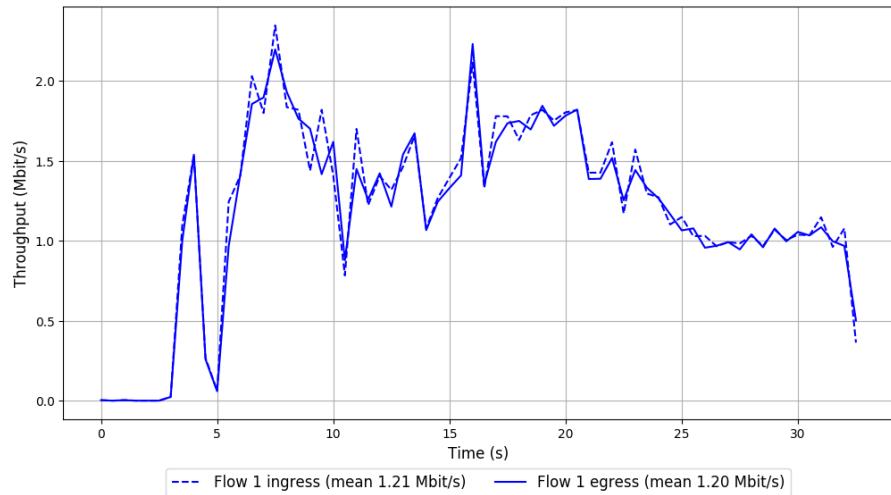


```
Run 7: Statistics of WebRTC media

Start at: 2017-11-16 01:30:23
End at: 2017-11-16 01:30:53
Local clock offset: -2.345 ms
Remote clock offset: -8.252 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 82.489 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 82.489 ms
Loss rate: 1.42%
```

Run 7: Report of WebRTC media — Data Link

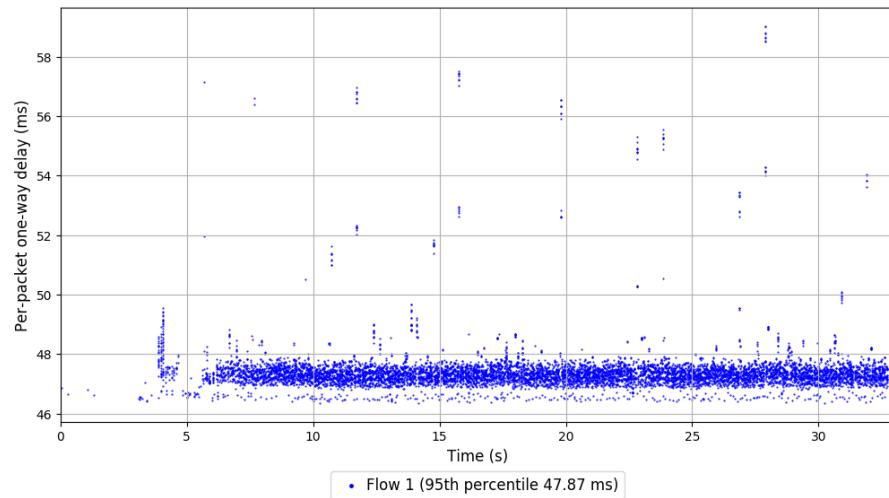
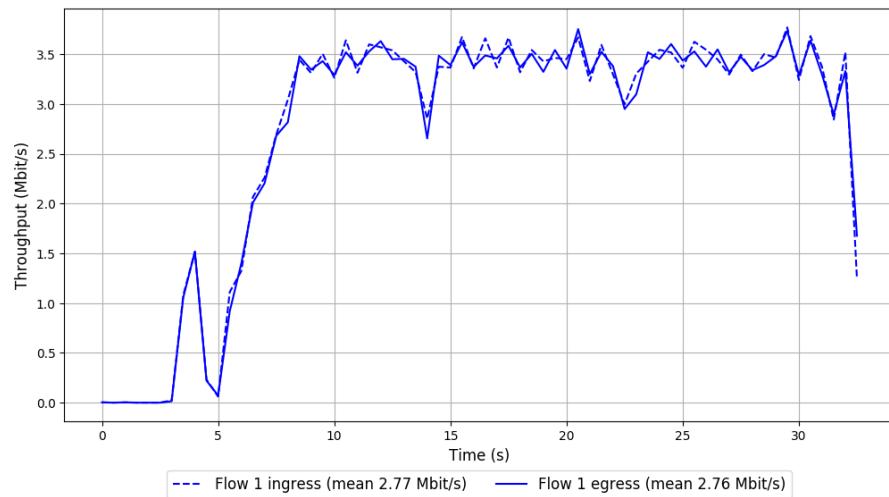


Run 8: Statistics of WebRTC media

```
Start at: 2017-11-16 01:49:08
End at: 2017-11-16 01:49:38
Local clock offset: -1.643 ms
Remote clock offset: -8.449 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 47.867 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 47.867 ms
Loss rate: 0.50%
```

Run 8: Report of WebRTC media — Data Link

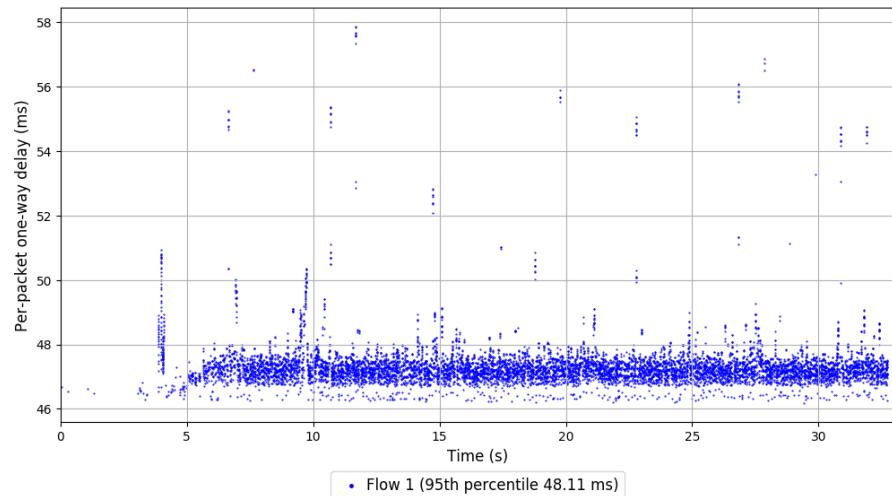
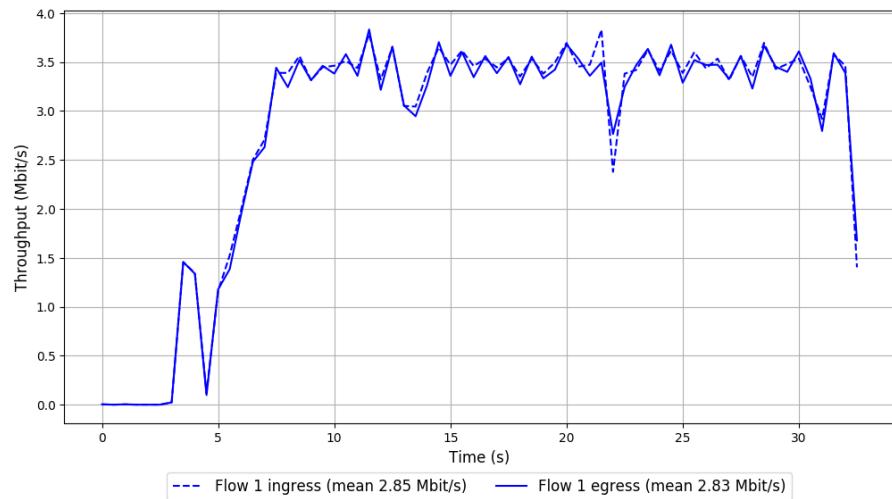


Run 9: Statistics of WebRTC media

```
Start at: 2017-11-16 02:07:36
End at: 2017-11-16 02:08:06
Local clock offset: -1.047 ms
Remote clock offset: -8.673 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 48.111 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 48.111 ms
Loss rate: 0.73%
```

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

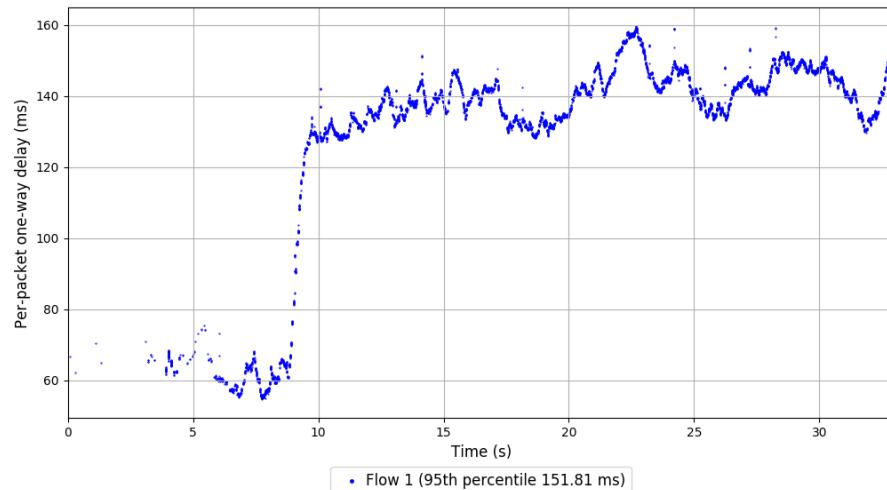
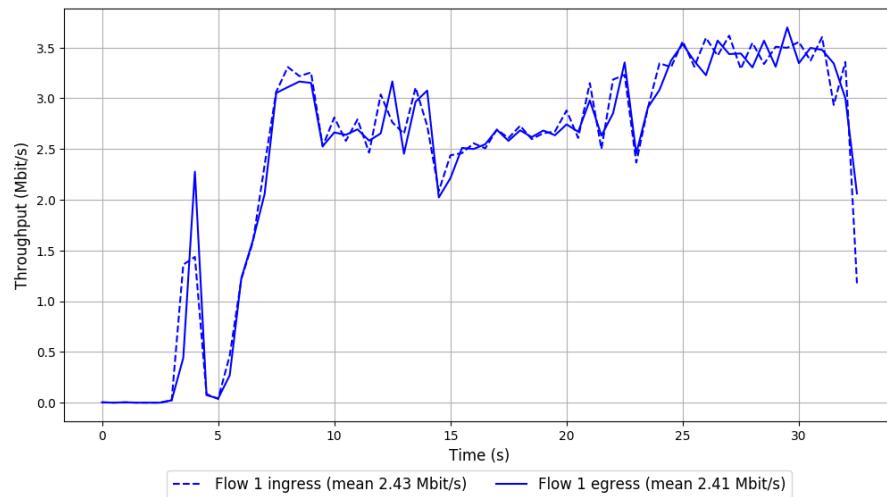


Run 10: Statistics of WebRTC media

```
Start at: 2017-11-16 02:26:34
End at: 2017-11-16 02:27:04
Local clock offset: -0.595 ms
Remote clock offset: -8.554 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 151.811 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 151.811 ms
Loss rate: 0.75%
```

Run 10: Report of WebRTC media — Data Link

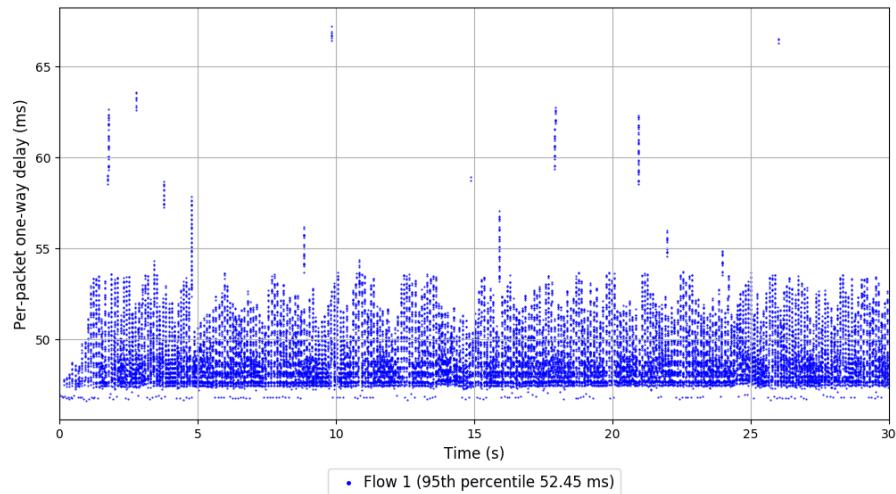
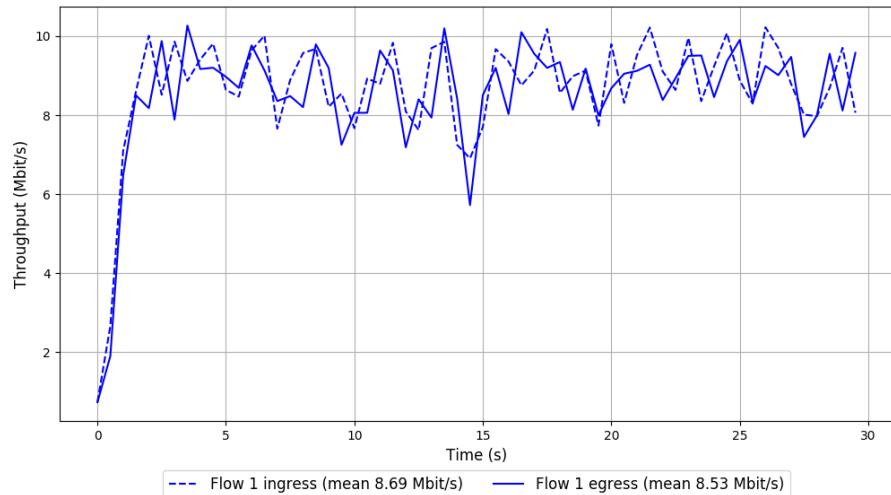


Run 1: Statistics of Sprout

```
Start at: 2017-11-15 23:50:27
End at: 2017-11-15 23:50:57
Local clock offset: -5.877 ms
Remote clock offset: -7.549 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 52.446 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 52.446 ms
Loss rate: 1.80%
```

### Run 1: Report of Sprout — Data Link

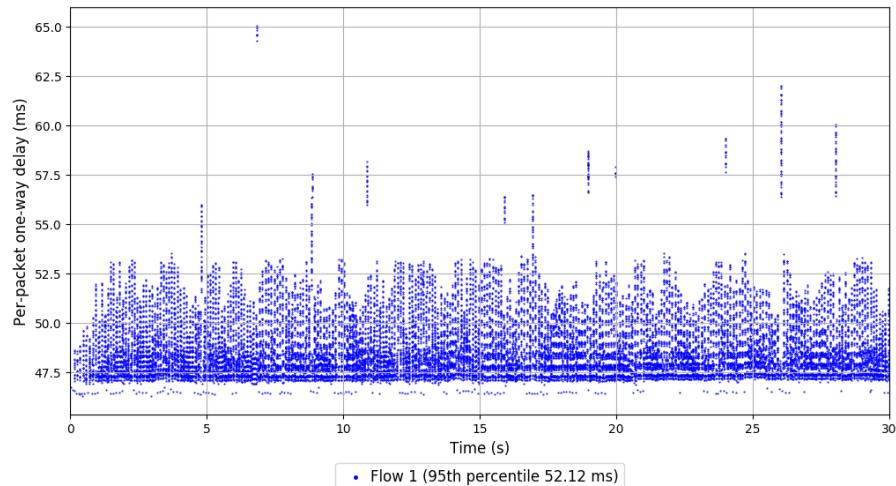
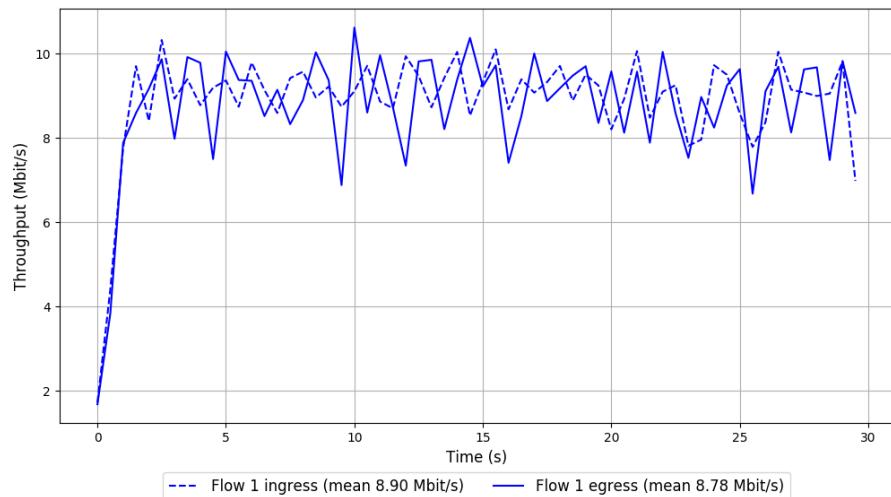


Run 2: Statistics of Sprout

```
Start at: 2017-11-16 00:10:46
End at: 2017-11-16 00:11:16
Local clock offset: -4.618 ms
Remote clock offset: -7.78 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.78 Mbit/s
95th percentile per-packet one-way delay: 52.120 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 8.78 Mbit/s
95th percentile per-packet one-way delay: 52.120 ms
Loss rate: 1.32%
```

## Run 2: Report of Sprout — Data Link

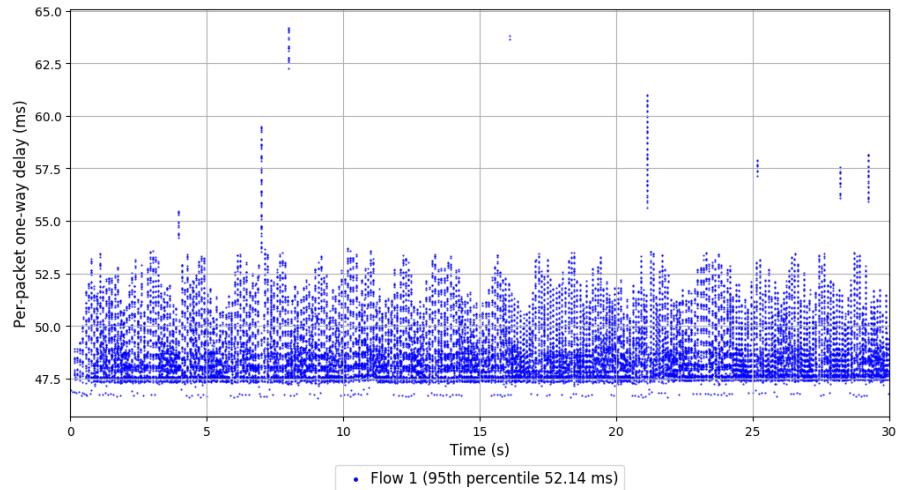
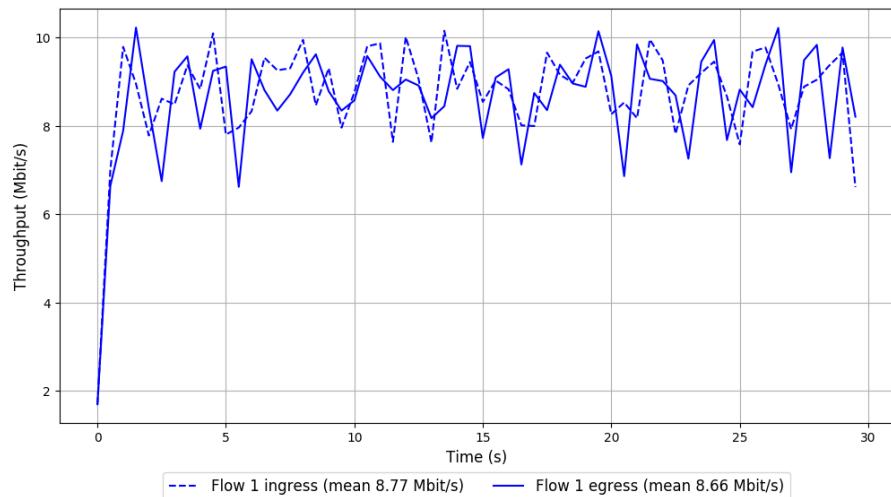


Run 3: Statistics of Sprout

```
Start at: 2017-11-16 00:30:45
End at: 2017-11-16 00:31:15
Local clock offset: -3.408 ms
Remote clock offset: -7.934 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.66 Mbit/s
95th percentile per-packet one-way delay: 52.139 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 8.66 Mbit/s
95th percentile per-packet one-way delay: 52.139 ms
Loss rate: 1.31%
```

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

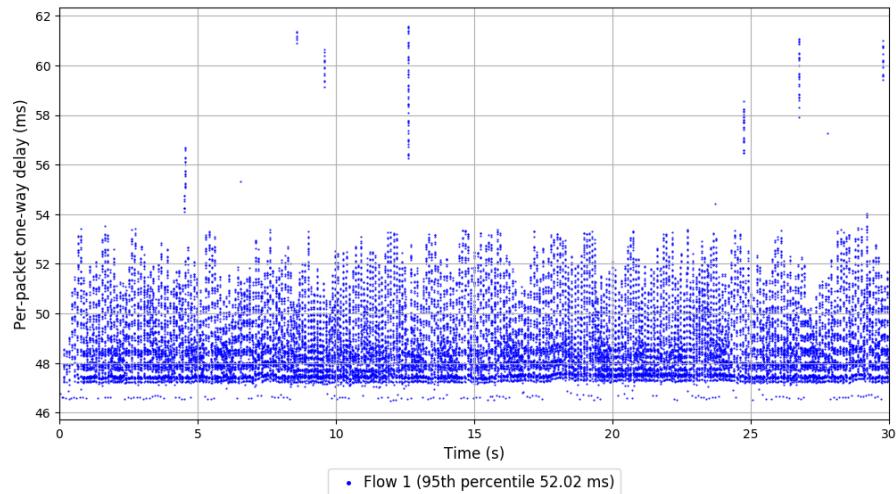
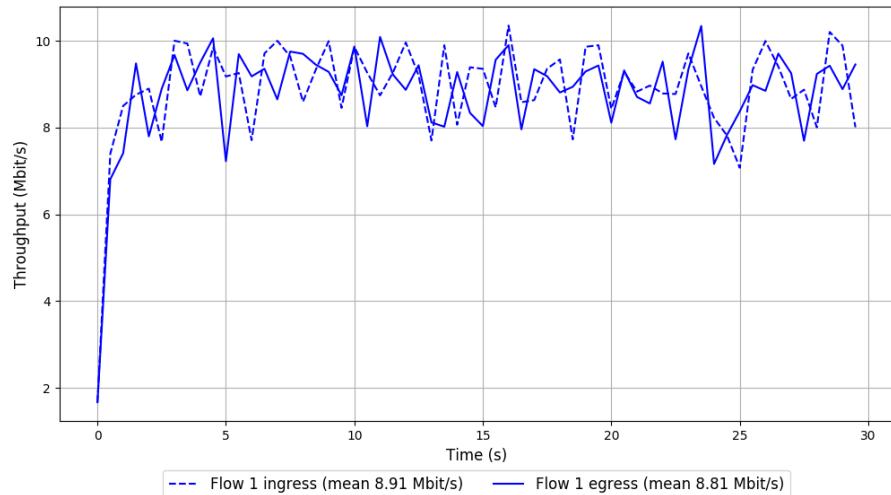


Run 4: Statistics of Sprout

```
Start at: 2017-11-16 00:50:51
End at: 2017-11-16 00:51:21
Local clock offset: -3.317 ms
Remote clock offset: -7.886 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.81 Mbit/s
95th percentile per-packet one-way delay: 52.021 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 8.81 Mbit/s
95th percentile per-packet one-way delay: 52.021 ms
Loss rate: 1.17%
```

## Run 4: Report of Sprout — Data Link

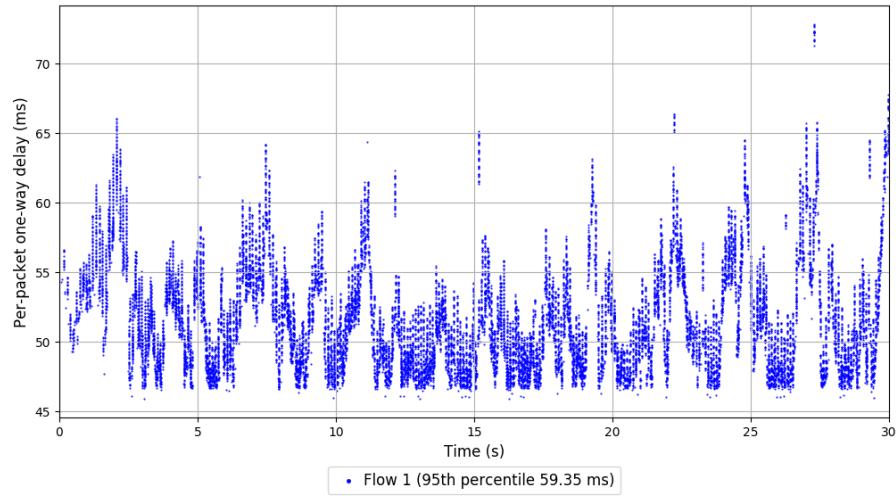
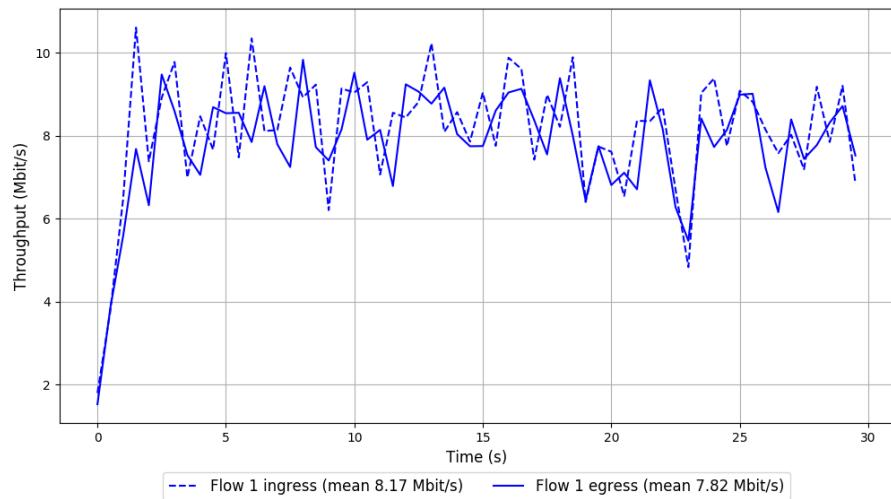


Run 5: Statistics of Sprout

```
Start at: 2017-11-16 01:09:37
End at: 2017-11-16 01:10:07
Local clock offset: -2.745 ms
Remote clock offset: -8.511 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.82 Mbit/s
95th percentile per-packet one-way delay: 59.346 ms
Loss rate: 4.17%
-- Flow 1:
Average throughput: 7.82 Mbit/s
95th percentile per-packet one-way delay: 59.346 ms
Loss rate: 4.17%
```

Run 5: Report of Sprout — Data Link

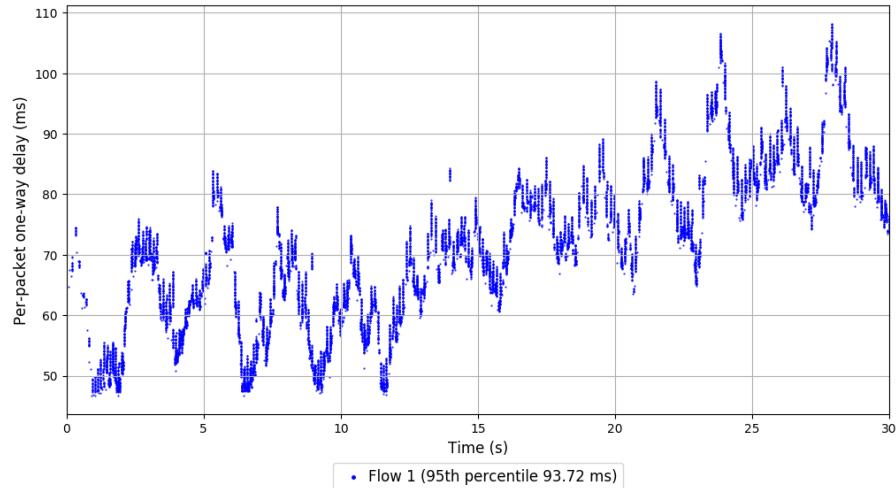
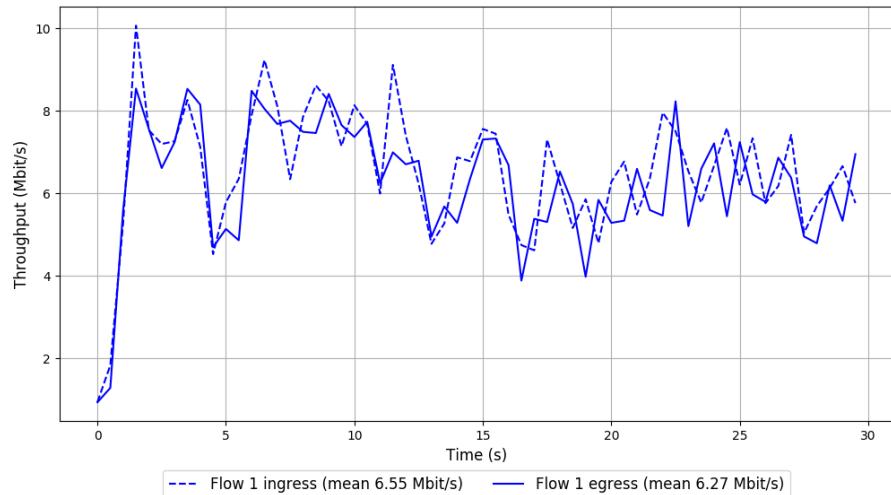


Run 6: Statistics of Sprout

```
Start at: 2017-11-16 01:28:02
End at: 2017-11-16 01:28:32
Local clock offset: -2.249 ms
Remote clock offset: -8.229 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 93.716 ms
Loss rate: 4.22%
-- Flow 1:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 93.716 ms
Loss rate: 4.22%
```

## Run 6: Report of Sprout — Data Link

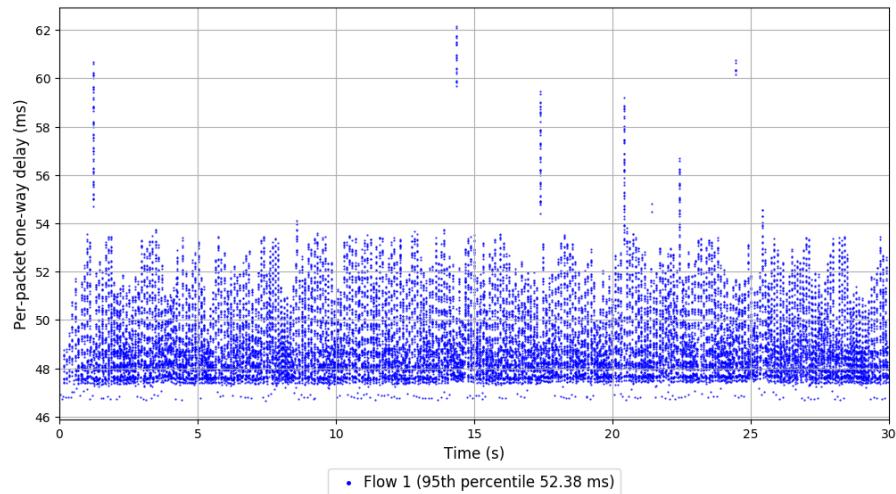
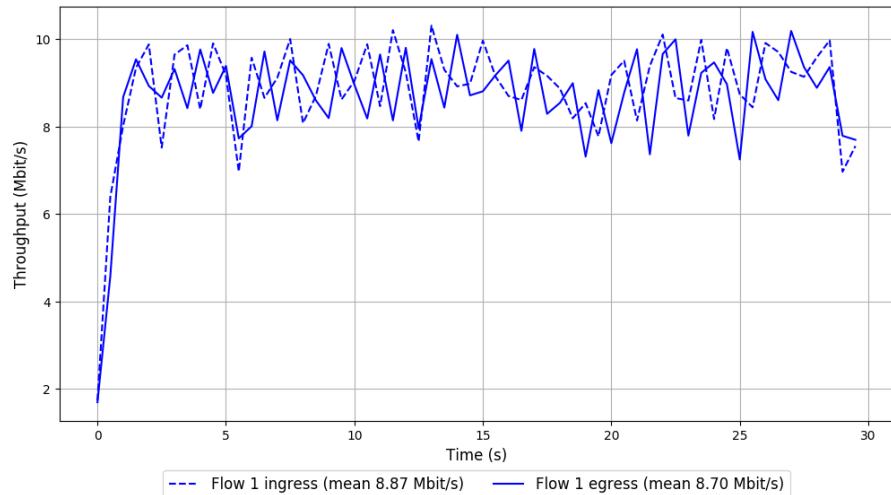


Run 7: Statistics of Sprout

```
Start at: 2017-11-16 01:46:50
End at: 2017-11-16 01:47:20
Local clock offset: -1.564 ms
Remote clock offset: -8.392 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 52.383 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 52.383 ms
Loss rate: 1.94%
```

Run 7: Report of Sprout — Data Link

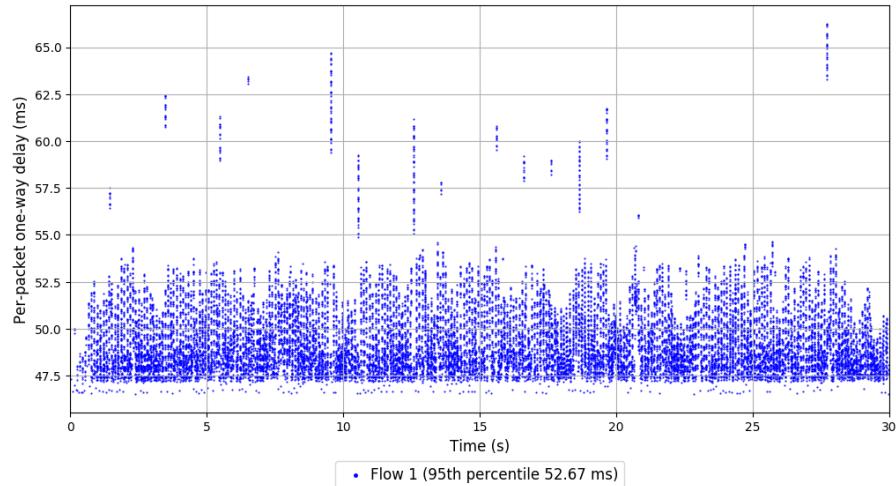
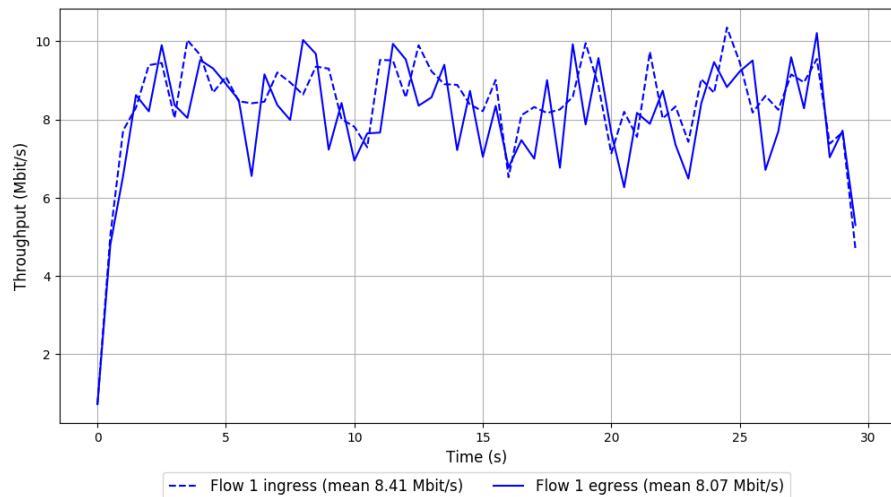


Run 8: Statistics of Sprout

```
Start at: 2017-11-16 02:05:17
End at: 2017-11-16 02:05:47
Local clock offset: -1.178 ms
Remote clock offset: -8.573 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 52.670 ms
Loss rate: 3.98%
-- Flow 1:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 52.670 ms
Loss rate: 3.98%
```

Run 8: Report of Sprout — Data Link

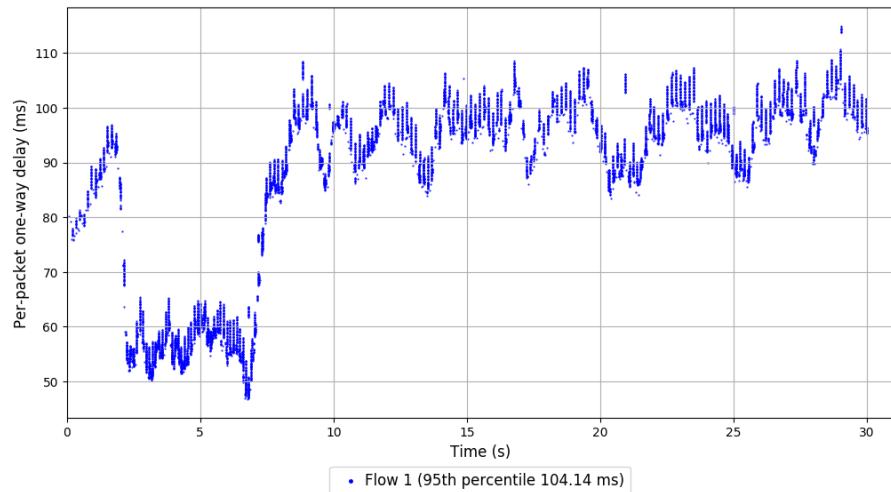
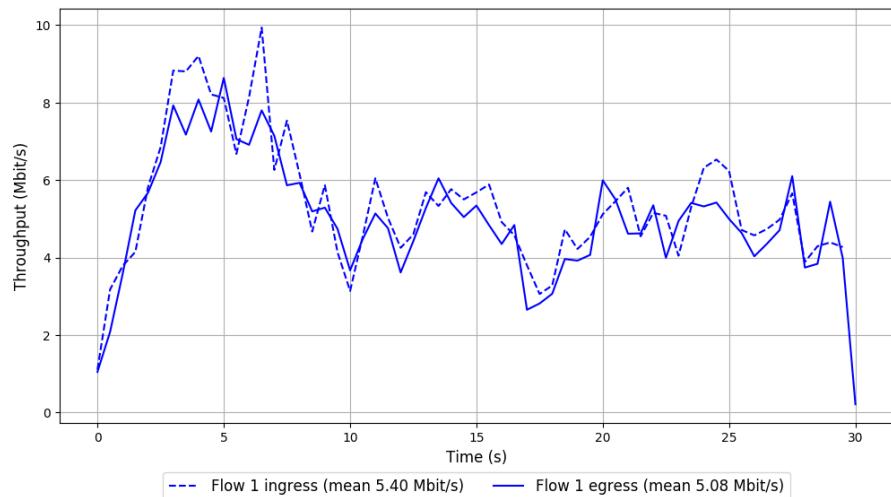


Run 9: Statistics of Sprout

```
Start at: 2017-11-16 02:24:11
End at: 2017-11-16 02:24:41
Local clock offset: -0.507 ms
Remote clock offset: -8.44 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.08 Mbit/s
95th percentile per-packet one-way delay: 104.135 ms
Loss rate: 5.91%
-- Flow 1:
Average throughput: 5.08 Mbit/s
95th percentile per-packet one-way delay: 104.135 ms
Loss rate: 5.91%
```

Run 9: Report of Sprout — Data Link

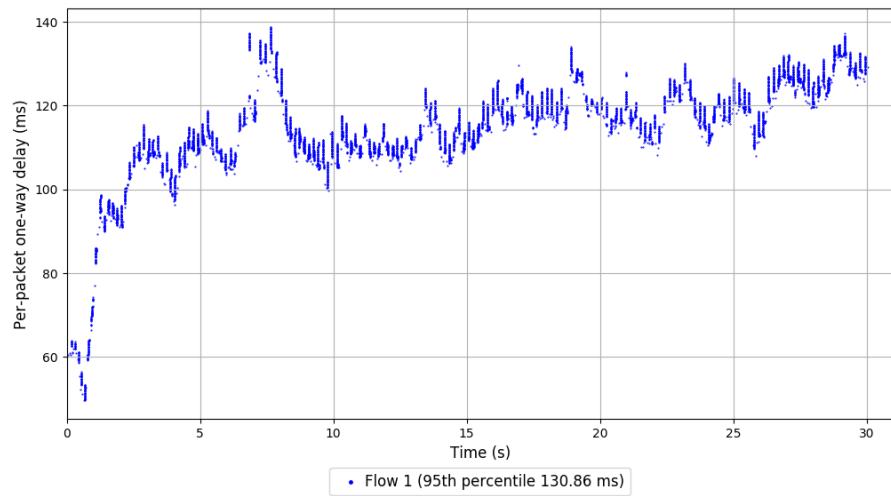
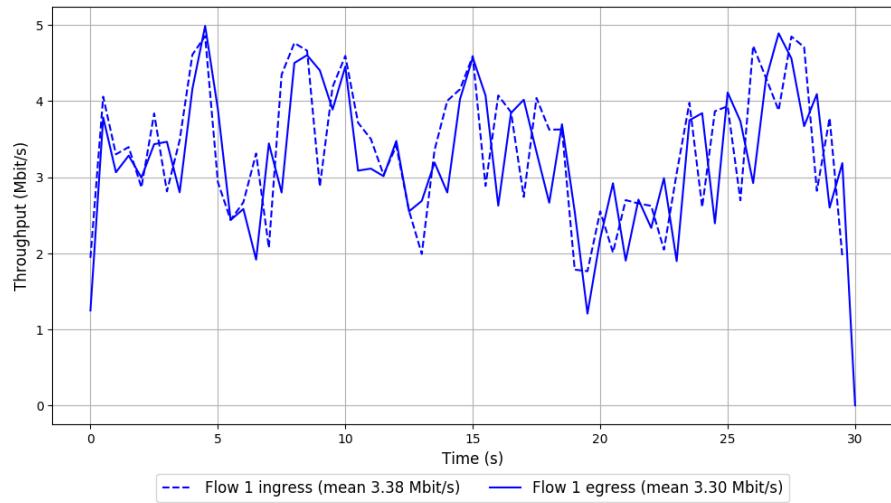


Run 10: Statistics of Sprout

```
Start at: 2017-11-16 02:42:55
End at: 2017-11-16 02:43:25
Local clock offset: -0.144 ms
Remote clock offset: -8.936 ms

# Below is generated by plot.py at 2017-11-16 03:02:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.30 Mbit/s
95th percentile per-packet one-way delay: 130.858 ms
Loss rate: 2.38%
-- Flow 1:
Average throughput: 3.30 Mbit/s
95th percentile per-packet one-way delay: 130.858 ms
Loss rate: 2.38%
```

Run 10: Report of Sprout — Data Link

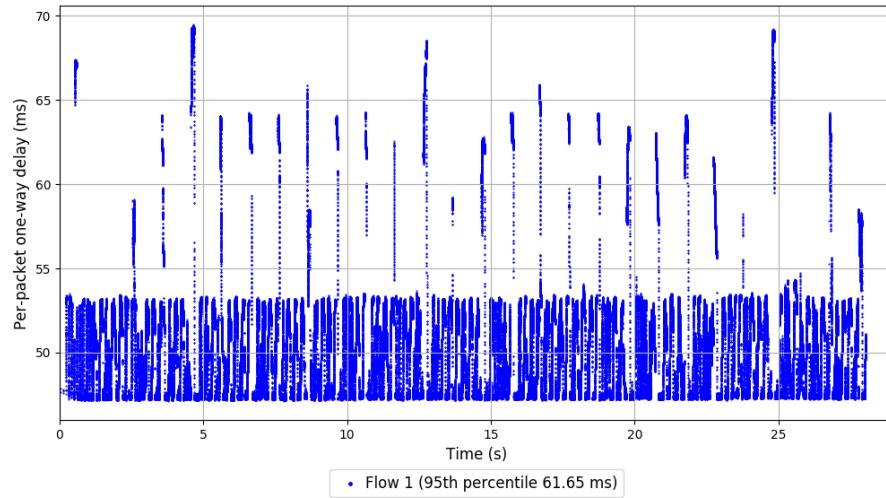
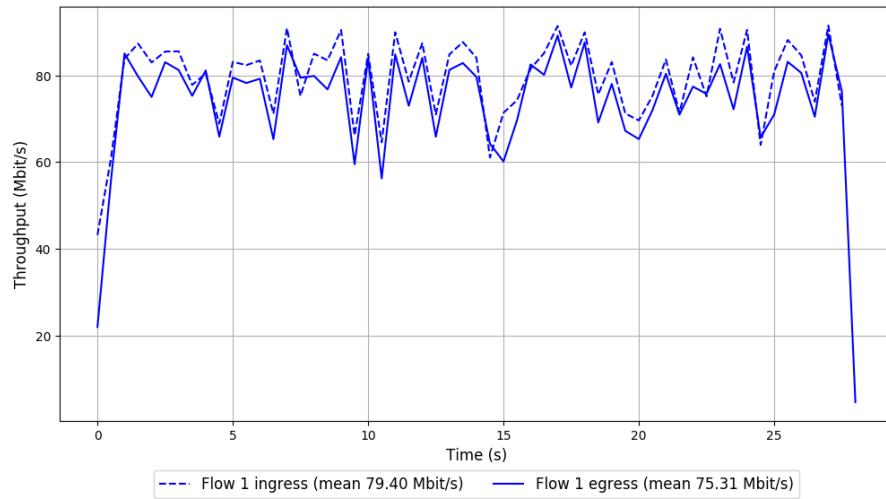


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-11-15 23:42:21
End at: 2017-11-15 23:42:51
Local clock offset: -6.868 ms
Remote clock offset: -7.419 ms

# Below is generated by plot.py at 2017-11-16 03:04:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.31 Mbit/s
95th percentile per-packet one-way delay: 61.648 ms
Loss rate: 5.14%
-- Flow 1:
Average throughput: 75.31 Mbit/s
95th percentile per-packet one-way delay: 61.648 ms
Loss rate: 5.14%
```

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

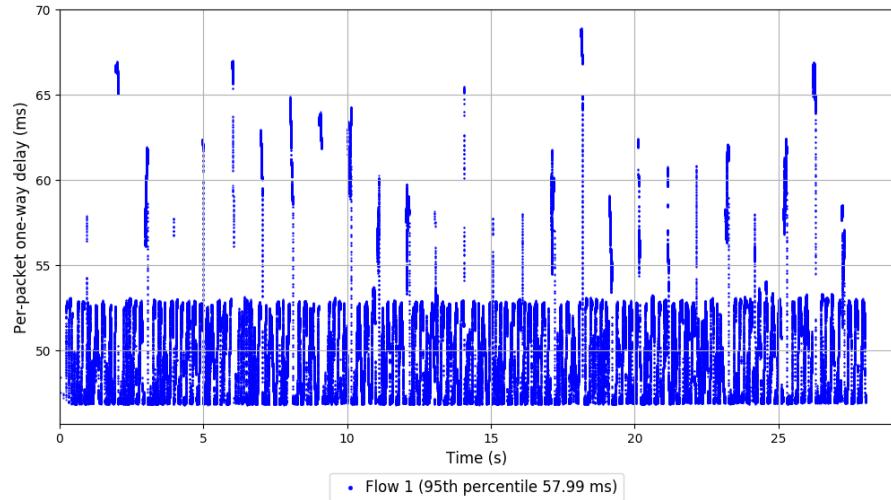
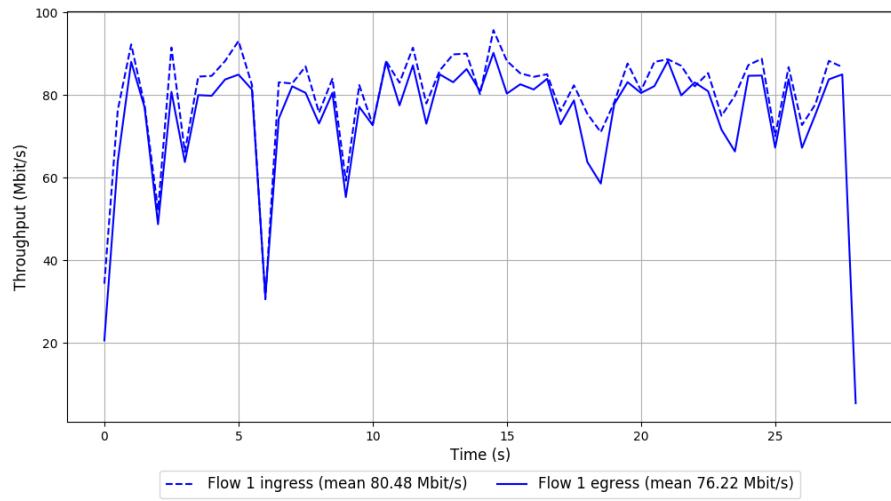


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-11-16 00:02:40
End at: 2017-11-16 00:03:10
Local clock offset: -4.985 ms
Remote clock offset: -7.724 ms

# Below is generated by plot.py at 2017-11-16 03:04:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.22 Mbit/s
95th percentile per-packet one-way delay: 57.988 ms
Loss rate: 5.30%
-- Flow 1:
Average throughput: 76.22 Mbit/s
95th percentile per-packet one-way delay: 57.988 ms
Loss rate: 5.30%
```

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

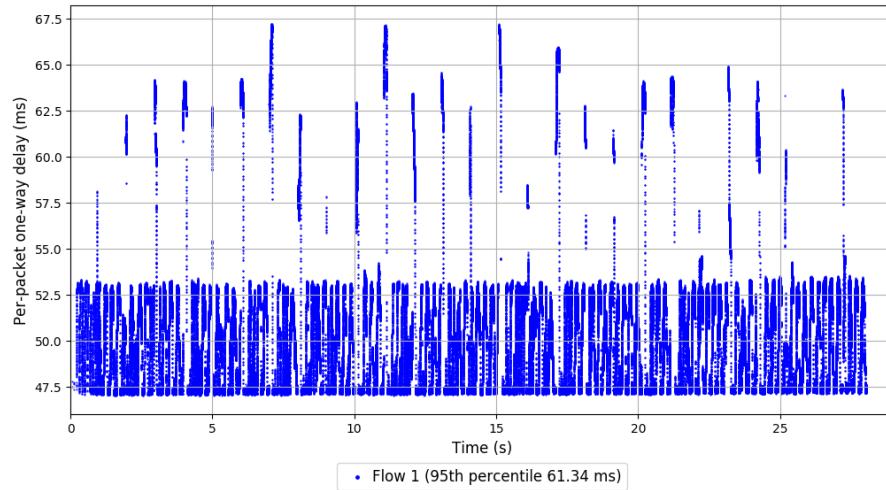
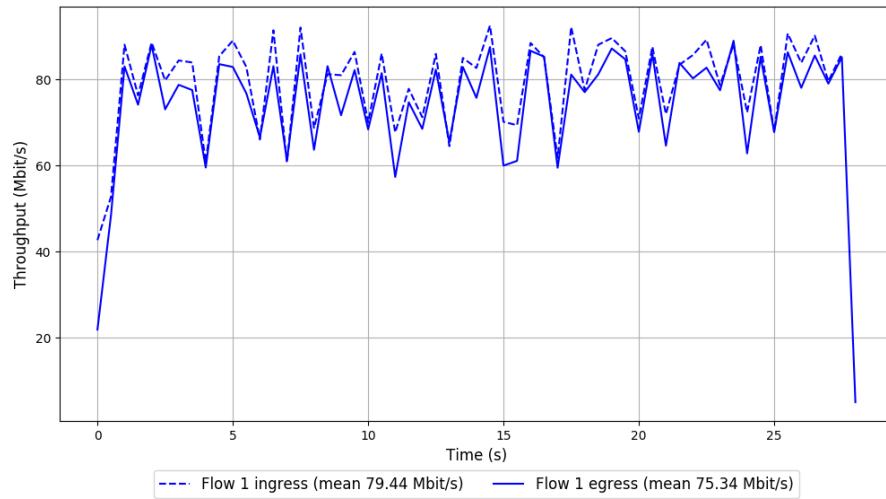


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-11-16 00:22:43
End at: 2017-11-16 00:23:13
Local clock offset: -3.679 ms
Remote clock offset: -7.926 ms

# Below is generated by plot.py at 2017-11-16 03:04:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.34 Mbit/s
95th percentile per-packet one-way delay: 61.343 ms
Loss rate: 5.16%
-- Flow 1:
Average throughput: 75.34 Mbit/s
95th percentile per-packet one-way delay: 61.343 ms
Loss rate: 5.16%
```

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

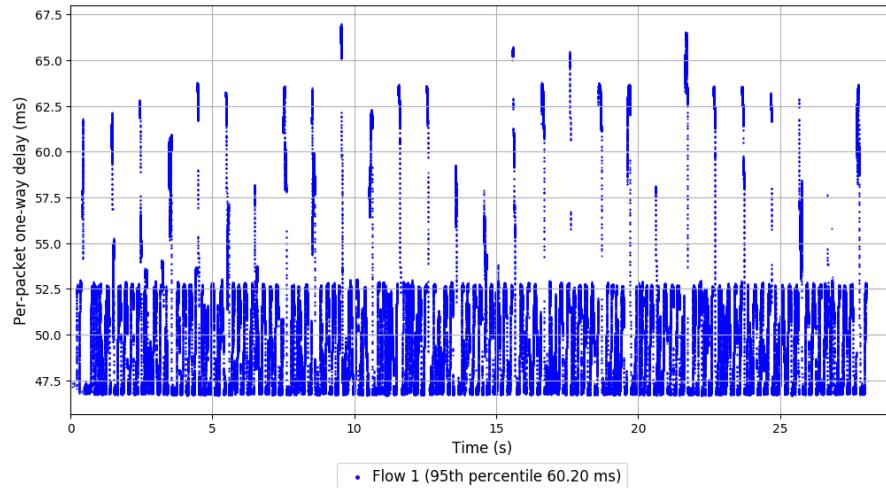
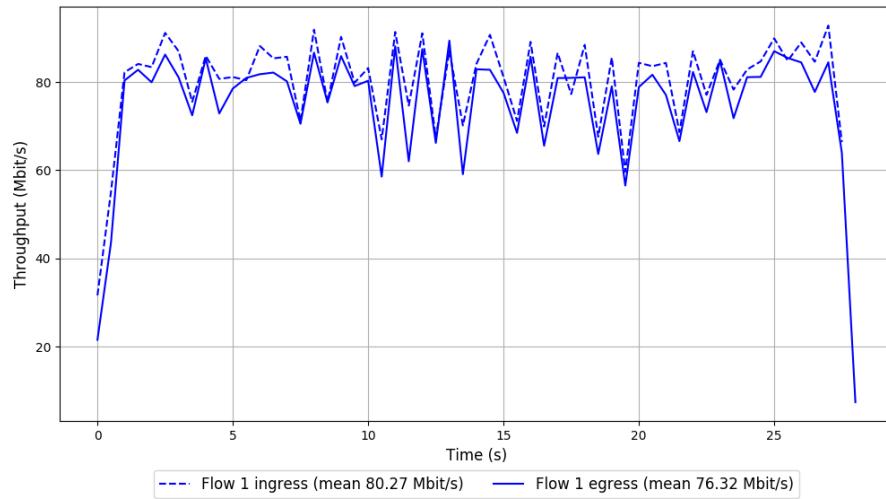


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-11-16 00:42:36
End at: 2017-11-16 00:43:06
Local clock offset: -3.175 ms
Remote clock offset: -7.913 ms

# Below is generated by plot.py at 2017-11-16 03:04:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.32 Mbit/s
95th percentile per-packet one-way delay: 60.195 ms
Loss rate: 4.91%
-- Flow 1:
Average throughput: 76.32 Mbit/s
95th percentile per-packet one-way delay: 60.195 ms
Loss rate: 4.91%
```

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

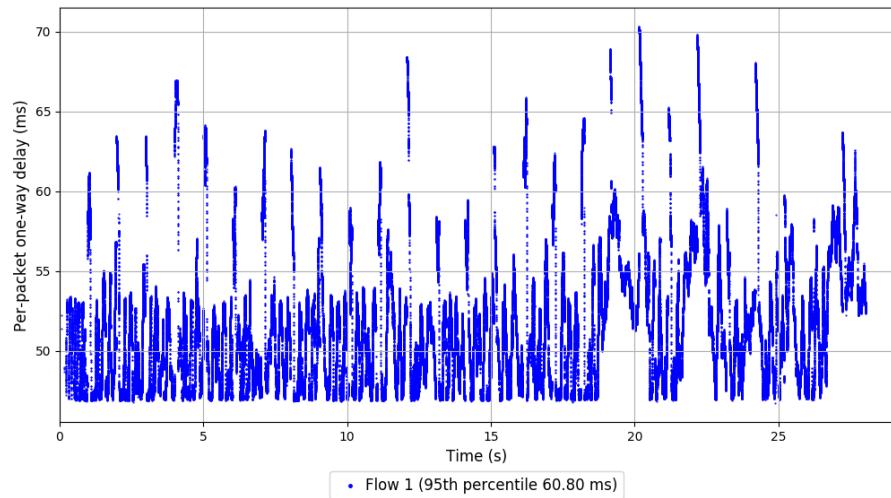
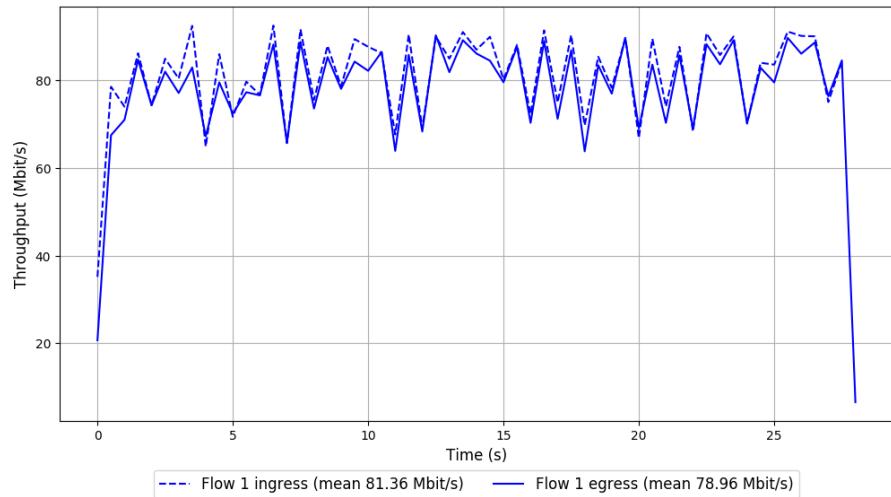


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-11-16 01:02:42
End at: 2017-11-16 01:03:12
Local clock offset: -2.938 ms
Remote clock offset: -7.939 ms

# Below is generated by plot.py at 2017-11-16 03:04:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.96 Mbit/s
95th percentile per-packet one-way delay: 60.803 ms
Loss rate: 2.95%
-- Flow 1:
Average throughput: 78.96 Mbit/s
95th percentile per-packet one-way delay: 60.803 ms
Loss rate: 2.95%
```

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

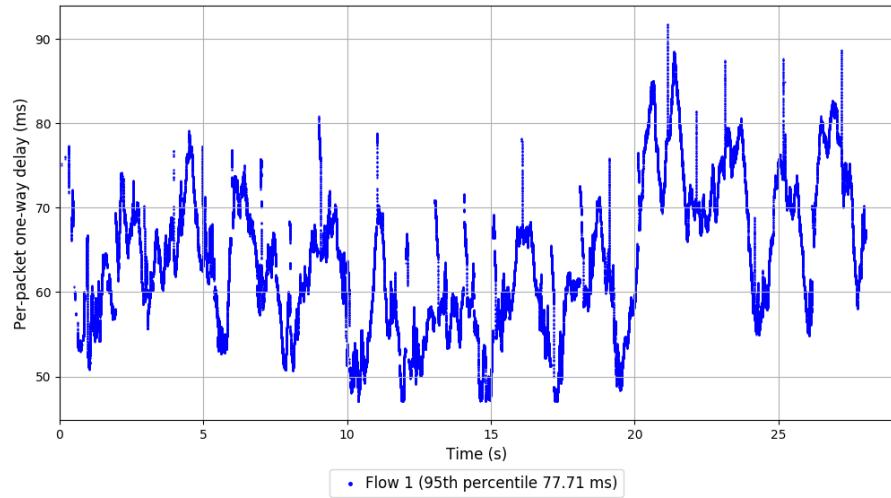
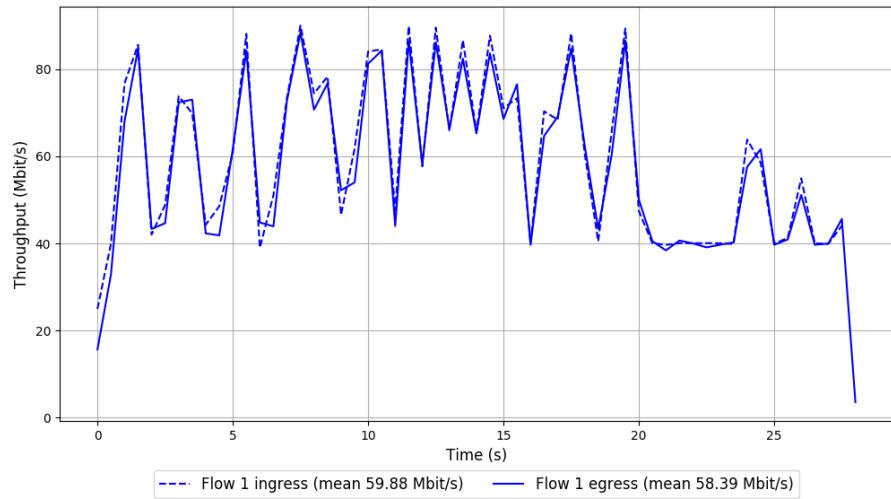


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-11-16 01:21:16
End at: 2017-11-16 01:21:46
Local clock offset: -2.721 ms
Remote clock offset: -8.313 ms

# Below is generated by plot.py at 2017-11-16 03:04:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.39 Mbit/s
95th percentile per-packet one-way delay: 77.707 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 58.39 Mbit/s
95th percentile per-packet one-way delay: 77.707 ms
Loss rate: 2.51%
```

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

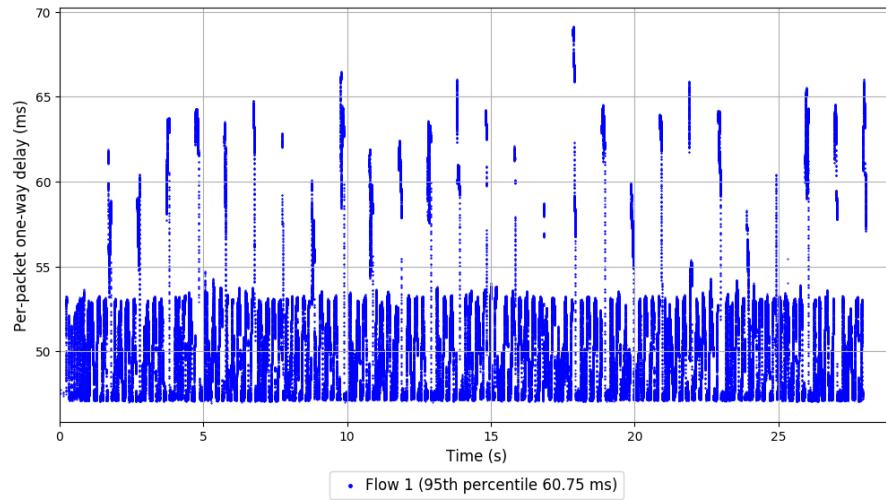
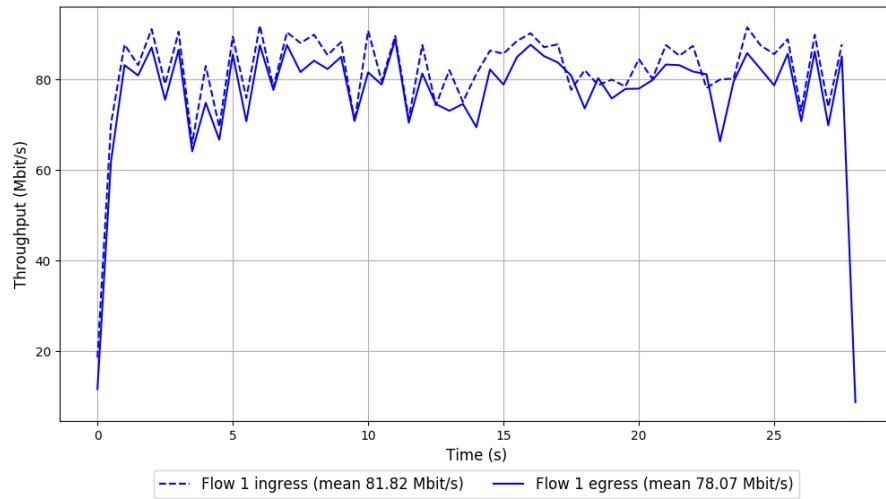


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-11-16 01:38:58
End at: 2017-11-16 01:39:28
Local clock offset: -1.855 ms
Remote clock offset: -8.383 ms

# Below is generated by plot.py at 2017-11-16 03:04:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.07 Mbit/s
95th percentile per-packet one-way delay: 60.753 ms
Loss rate: 4.53%
-- Flow 1:
Average throughput: 78.07 Mbit/s
95th percentile per-packet one-way delay: 60.753 ms
Loss rate: 4.53%
```

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

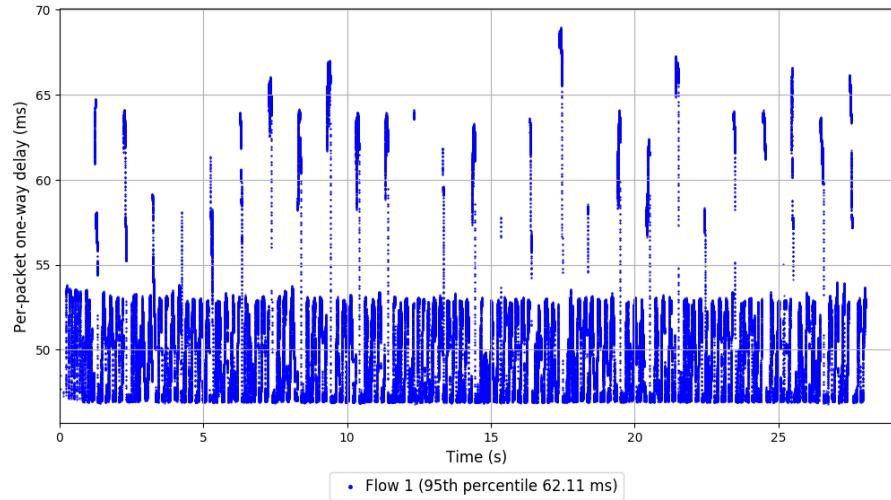
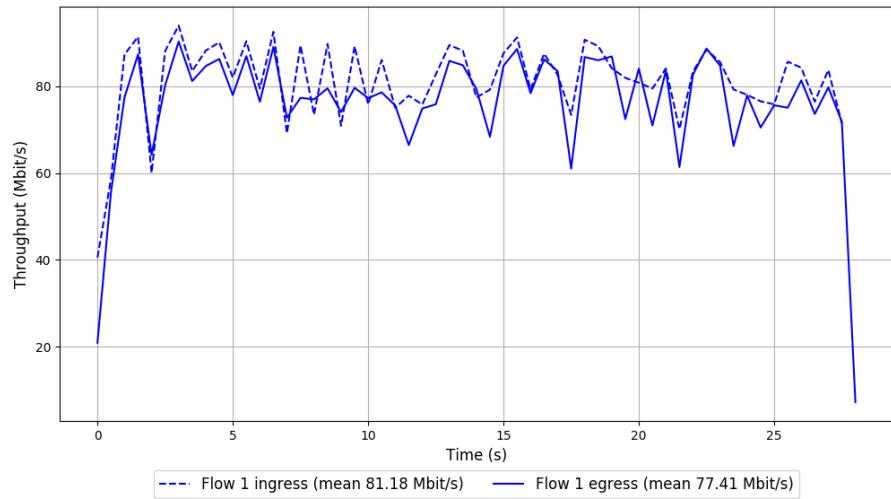


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-11-16 01:58:09
End at: 2017-11-16 01:58:39
Local clock offset: -1.253 ms
Remote clock offset: -8.483 ms

# Below is generated by plot.py at 2017-11-16 03:04:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.41 Mbit/s
95th percentile per-packet one-way delay: 62.107 ms
Loss rate: 4.64%
-- Flow 1:
Average throughput: 77.41 Mbit/s
95th percentile per-packet one-way delay: 62.107 ms
Loss rate: 4.64%
```

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

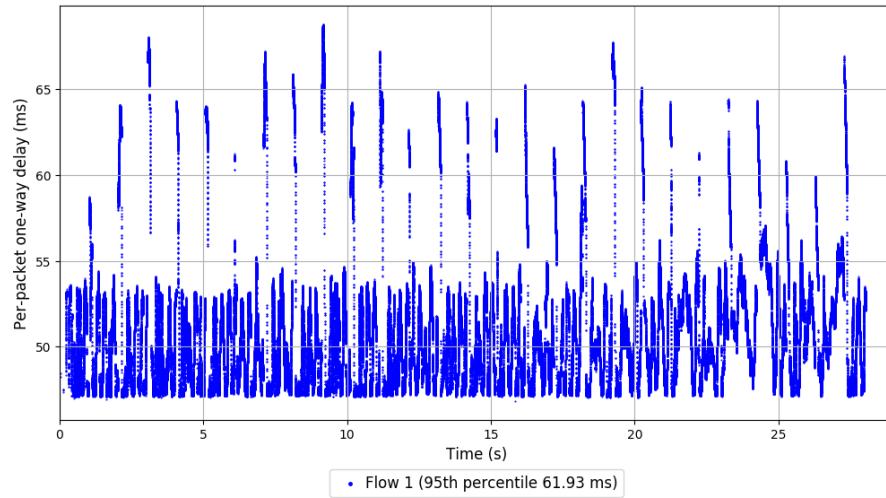
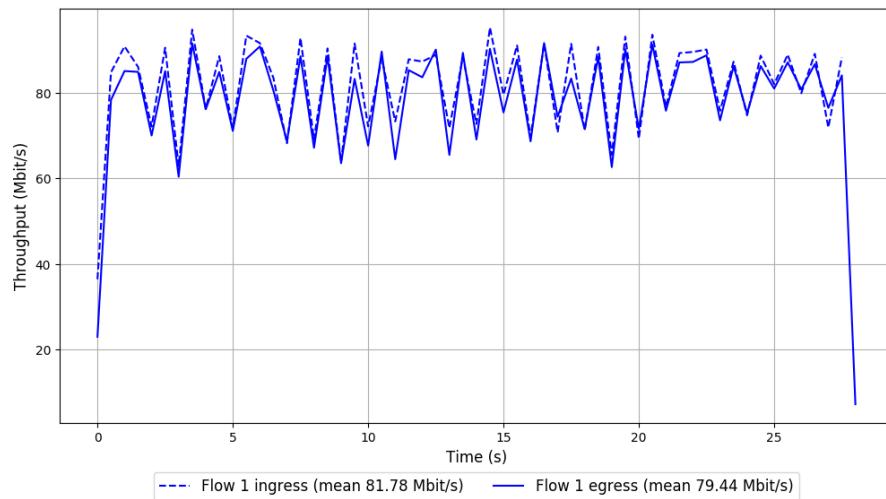


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-11-16 02:16:59
End at: 2017-11-16 02:17:29
Local clock offset: -0.826 ms
Remote clock offset: -8.498 ms

# Below is generated by plot.py at 2017-11-16 03:05:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.44 Mbit/s
95th percentile per-packet one-way delay: 61.927 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 79.44 Mbit/s
95th percentile per-packet one-way delay: 61.927 ms
Loss rate: 2.85%
```

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

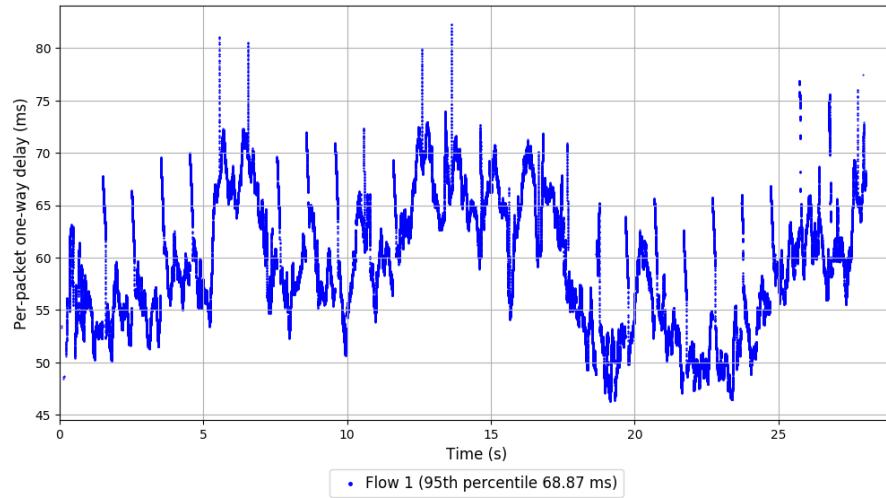
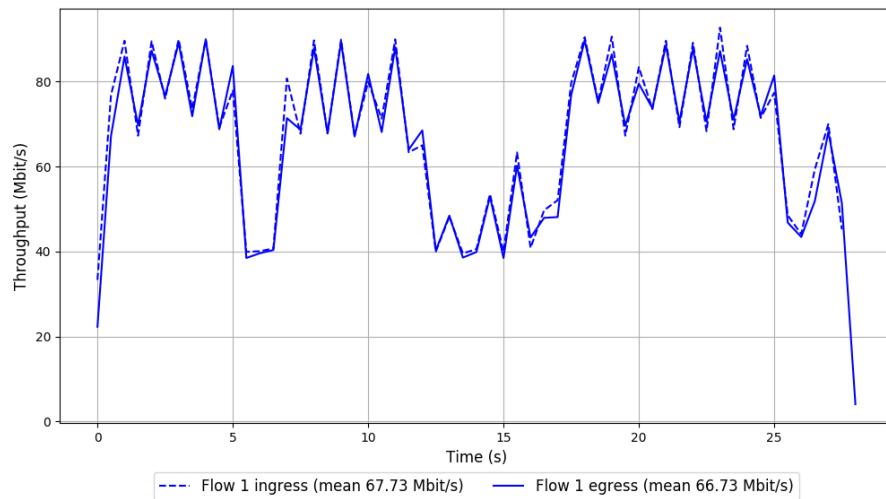


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-11-16 02:35:35
End at: 2017-11-16 02:36:05
Local clock offset: -0.321 ms
Remote clock offset: -8.45 ms

# Below is generated by plot.py at 2017-11-16 03:05:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.73 Mbit/s
95th percentile per-packet one-way delay: 68.873 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 66.73 Mbit/s
95th percentile per-packet one-way delay: 68.873 ms
Loss rate: 1.42%
```

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

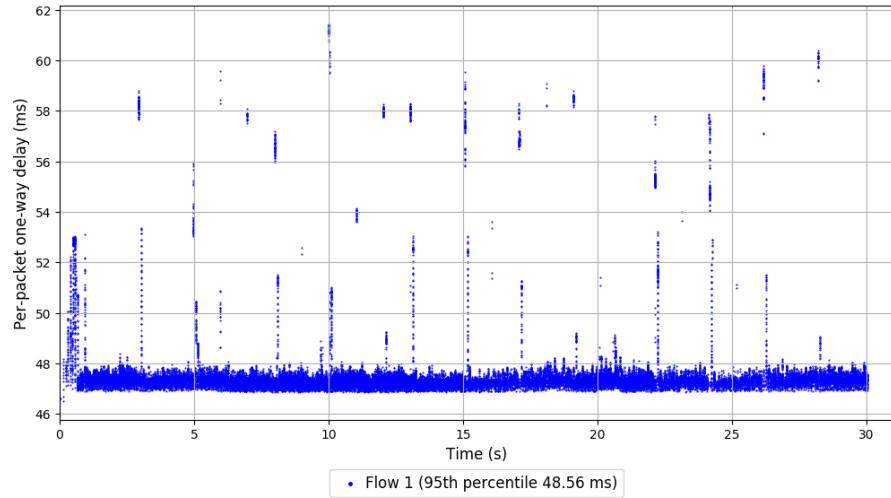
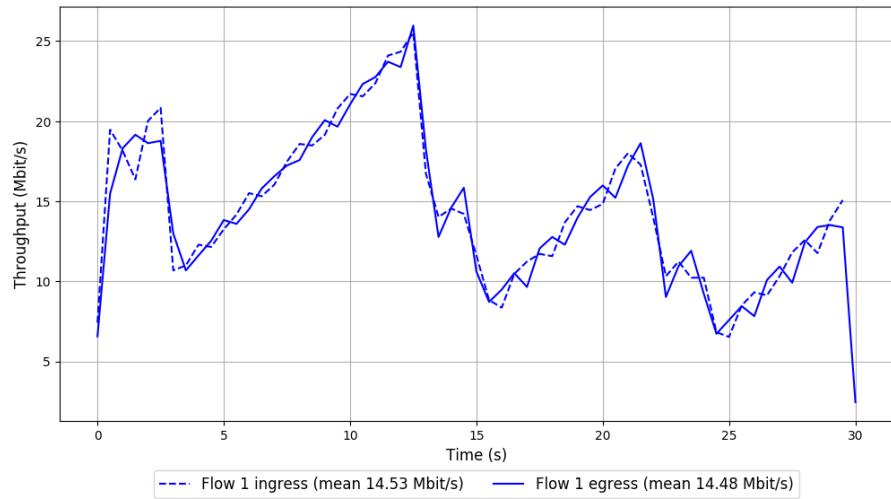


Run 1: Statistics of TCP Vegas

```
Start at: 2017-11-15 23:41:09
End at: 2017-11-15 23:41:39
Local clock offset: -6.997 ms
Remote clock offset: -7.385 ms

# Below is generated by plot.py at 2017-11-16 03:05:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 48.558 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 48.558 ms
Loss rate: 0.37%
```

Run 1: Report of TCP Vegas — Data Link

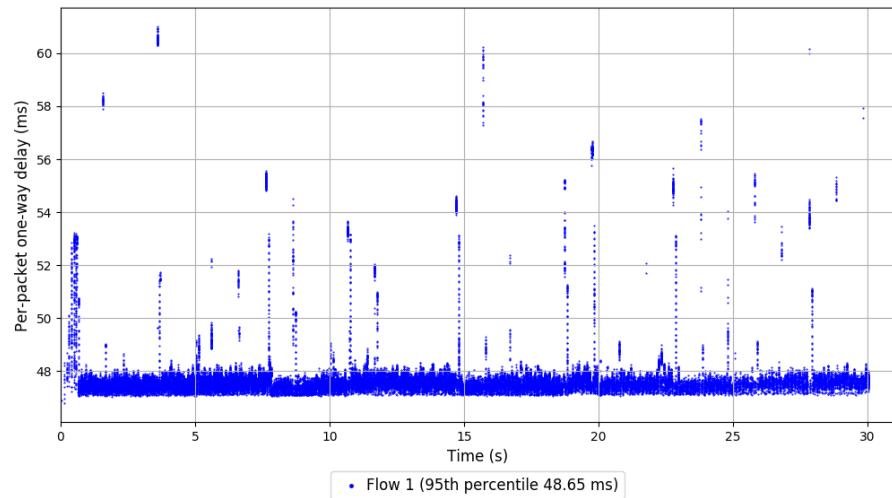
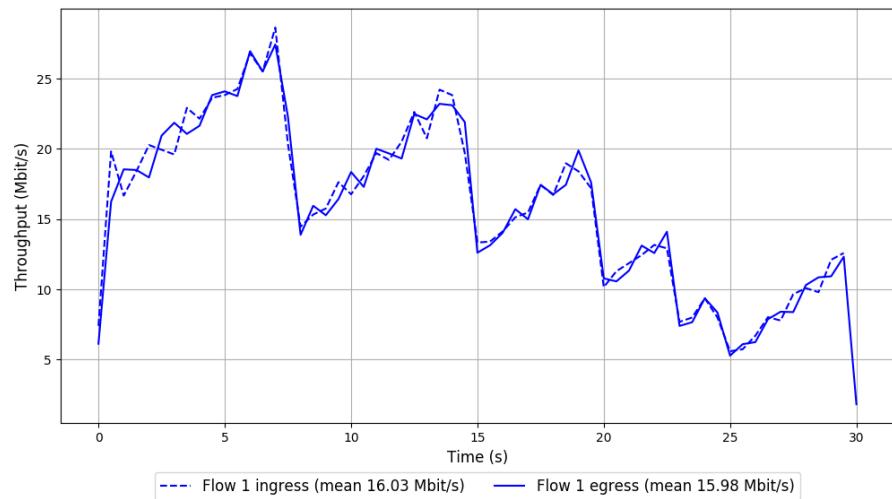


Run 2: Statistics of TCP Vegas

```
Start at: 2017-11-16 00:01:24
End at: 2017-11-16 00:01:54
Local clock offset: -4.982 ms
Remote clock offset: -7.675 ms

# Below is generated by plot.py at 2017-11-16 03:05:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 48.653 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 48.653 ms
Loss rate: 0.28%
```

Run 2: Report of TCP Vegas — Data Link

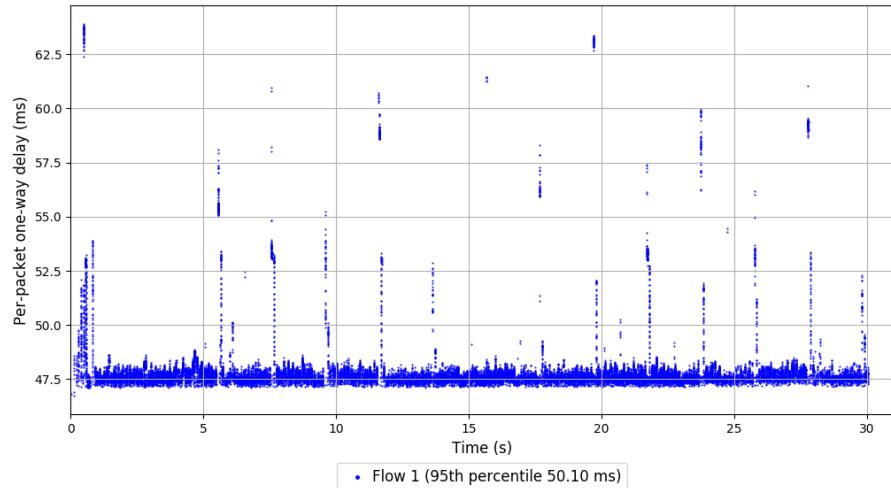
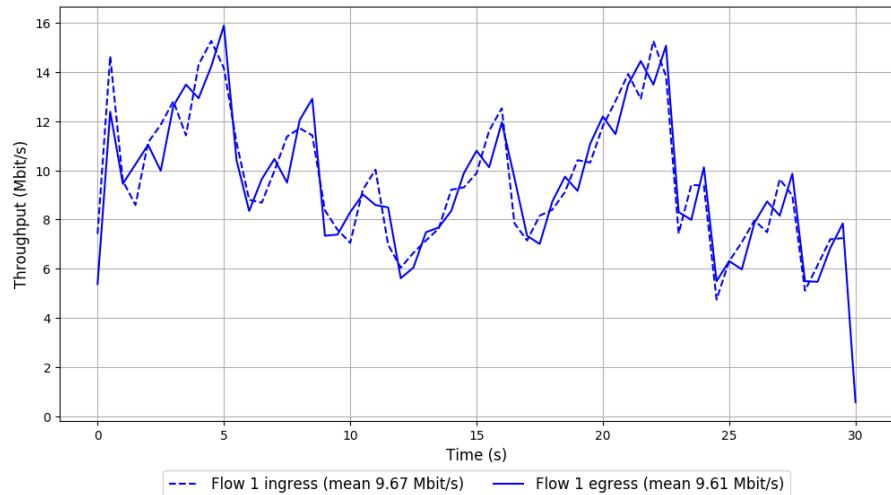


Run 3: Statistics of TCP Vegas

```
Start at: 2017-11-16 00:21:32
End at: 2017-11-16 00:22:02
Local clock offset: -3.807 ms
Remote clock offset: -7.904 ms

# Below is generated by plot.py at 2017-11-16 03:05:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.61 Mbit/s
95th percentile per-packet one-way delay: 50.099 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 9.61 Mbit/s
95th percentile per-packet one-way delay: 50.099 ms
Loss rate: 0.62%
```

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

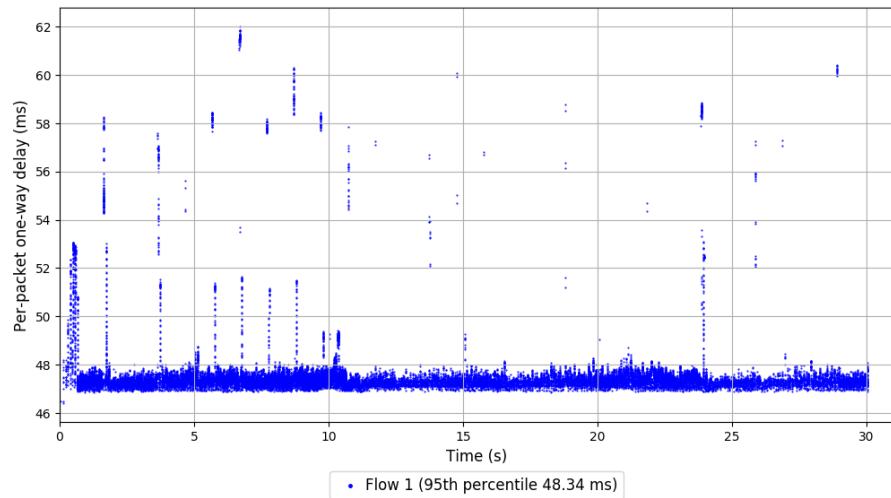
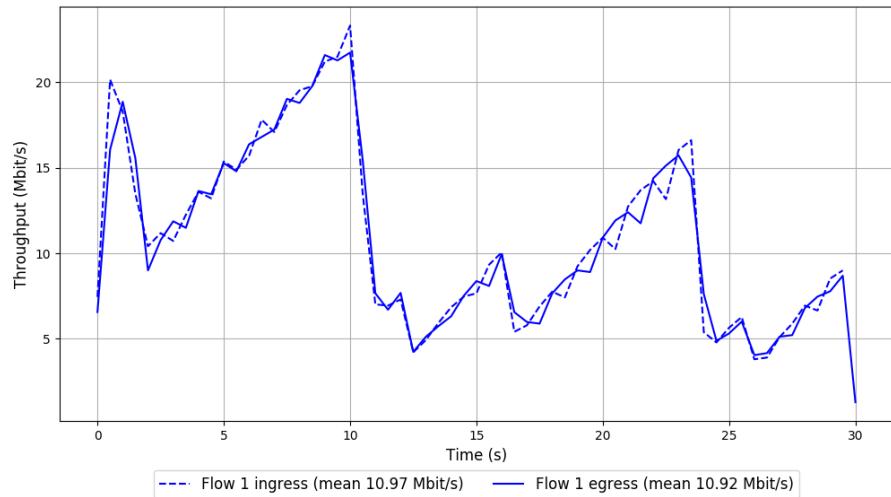


Run 4: Statistics of TCP Vegas

```
Start at: 2017-11-16 00:41:24
End at: 2017-11-16 00:41:54
Local clock offset: -3.299 ms
Remote clock offset: -7.892 ms

# Below is generated by plot.py at 2017-11-16 03:05:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.92 Mbit/s
95th percentile per-packet one-way delay: 48.338 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 10.92 Mbit/s
95th percentile per-packet one-way delay: 48.338 ms
Loss rate: 0.41%
```

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

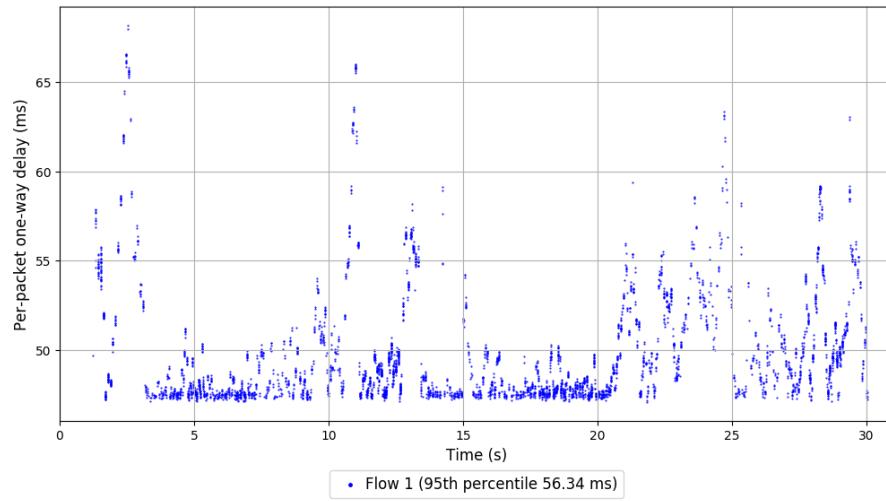
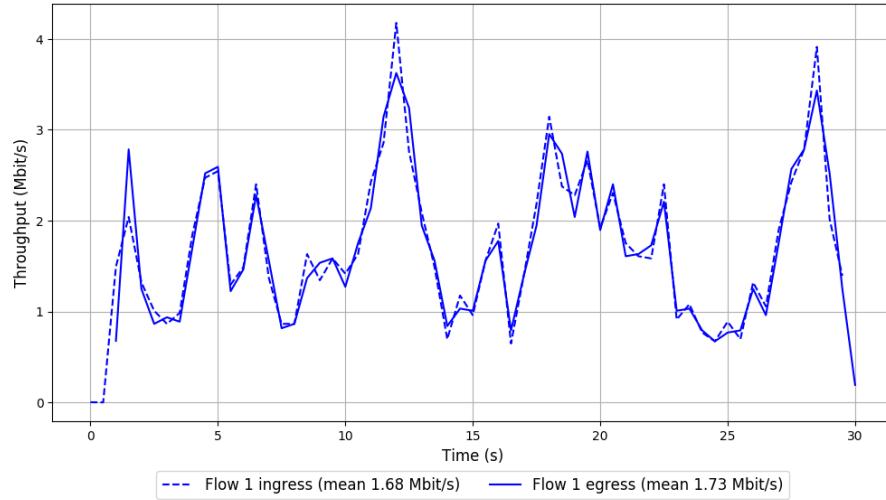


Run 5: Statistics of TCP Vegas

```
Start at: 2017-11-16 01:01:33
End at: 2017-11-16 01:02:03
Local clock offset: -2.901 ms
Remote clock offset: -7.939 ms

# Below is generated by plot.py at 2017-11-16 03:05:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.73 Mbit/s
95th percentile per-packet one-way delay: 56.336 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 1.73 Mbit/s
95th percentile per-packet one-way delay: 56.336 ms
Loss rate: 1.03%
```

Run 5: Report of TCP Vegas — Data Link

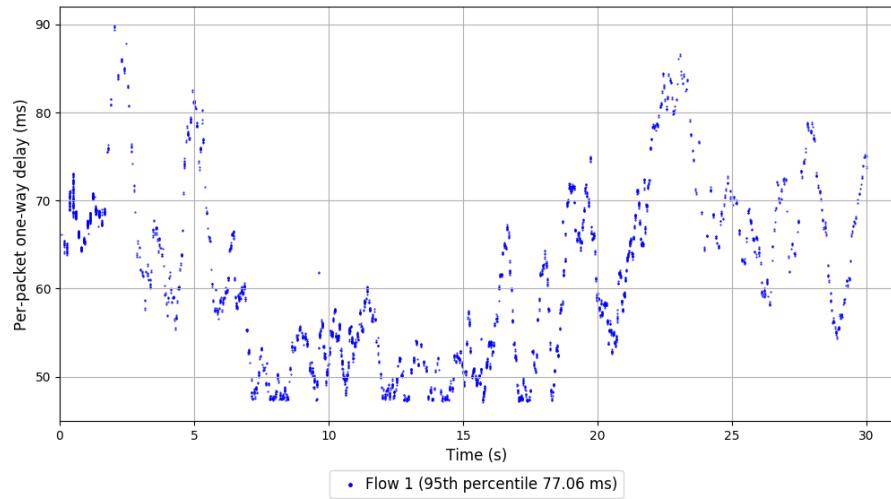
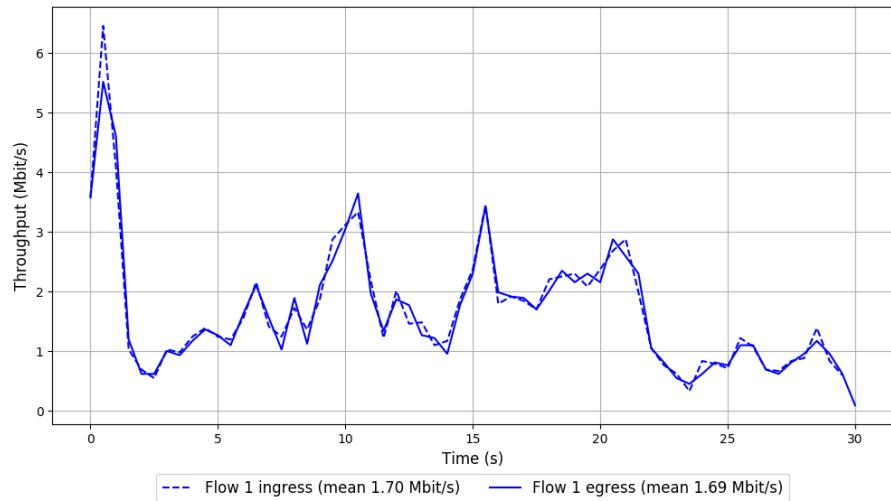


Run 6: Statistics of TCP Vegas

```
Start at: 2017-11-16 01:20:06
End at: 2017-11-16 01:20:36
Local clock offset: -2.933 ms
Remote clock offset: -8.245 ms

# Below is generated by plot.py at 2017-11-16 03:05:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.69 Mbit/s
95th percentile per-packet one-way delay: 77.058 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 1.69 Mbit/s
95th percentile per-packet one-way delay: 77.058 ms
Loss rate: 0.80%
```

Run 6: Report of TCP Vegas — Data Link

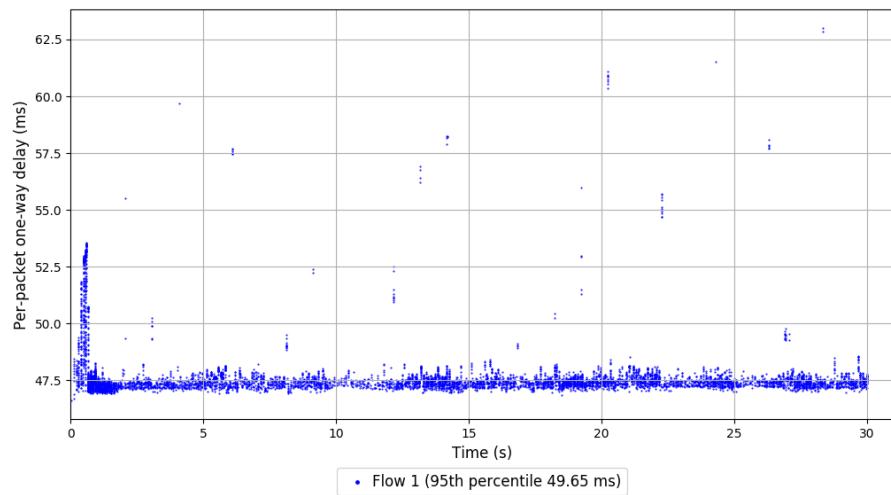
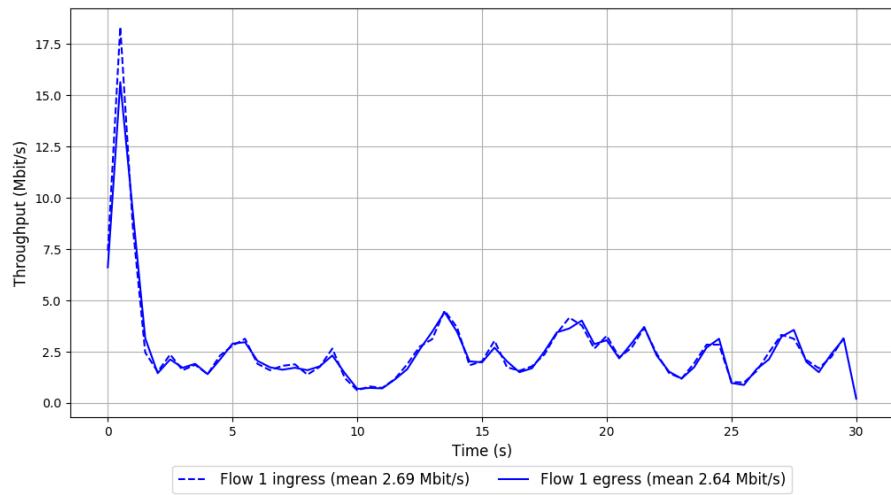


Run 7: Statistics of TCP Vegas

```
Start at: 2017-11-16 01:37:48
End at: 2017-11-16 01:38:18
Local clock offset: -1.92 ms
Remote clock offset: -8.321 ms

# Below is generated by plot.py at 2017-11-16 03:05:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.64 Mbit/s
95th percentile per-packet one-way delay: 49.651 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 2.64 Mbit/s
95th percentile per-packet one-way delay: 49.651 ms
Loss rate: 1.79%
```

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

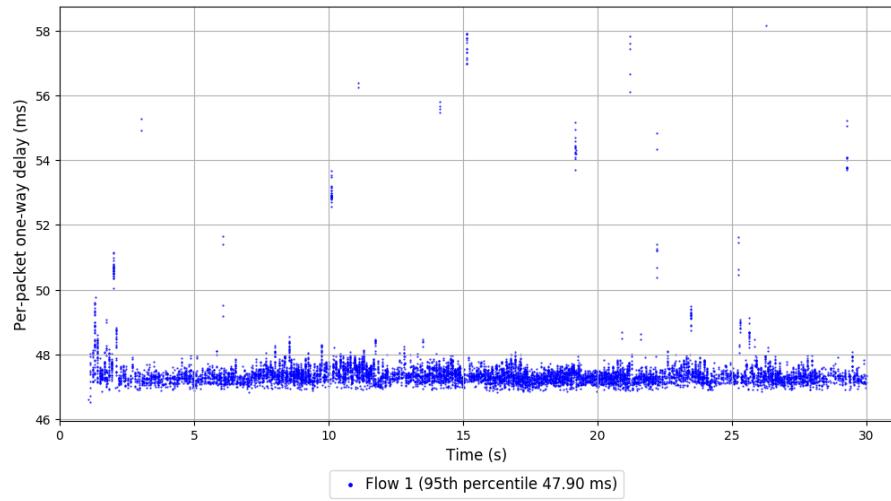
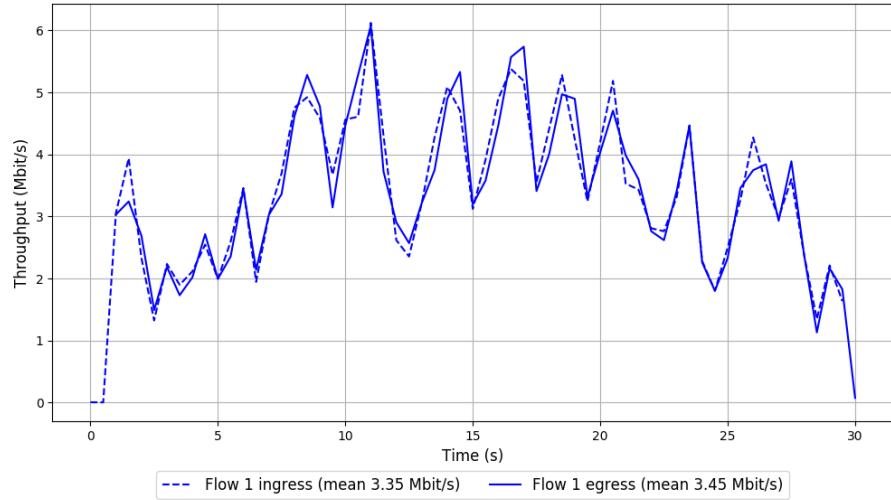


Run 8: Statistics of TCP Vegas

```
Start at: 2017-11-16 01:57:00
End at: 2017-11-16 01:57:30
Local clock offset: -1.285 ms
Remote clock offset: -8.517 ms

# Below is generated by plot.py at 2017-11-16 03:05:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 47.901 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 47.901 ms
Loss rate: 0.35%
```

Run 8: Report of TCP Vegas — Data Link

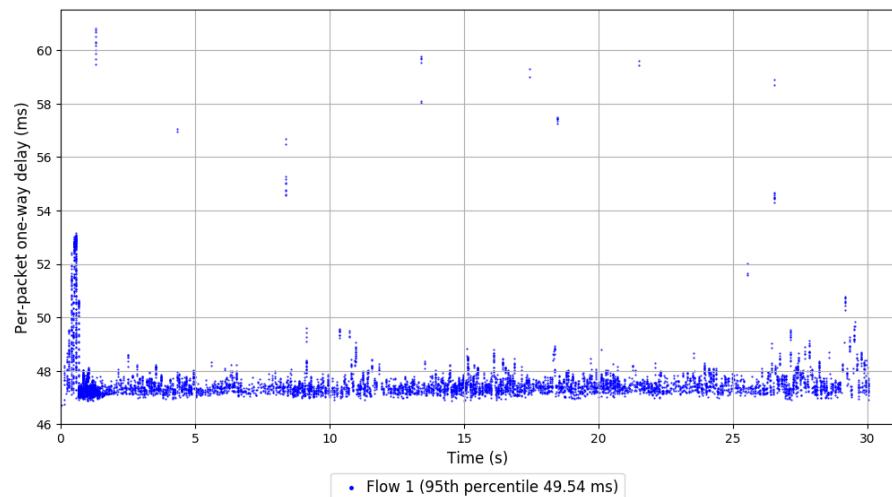
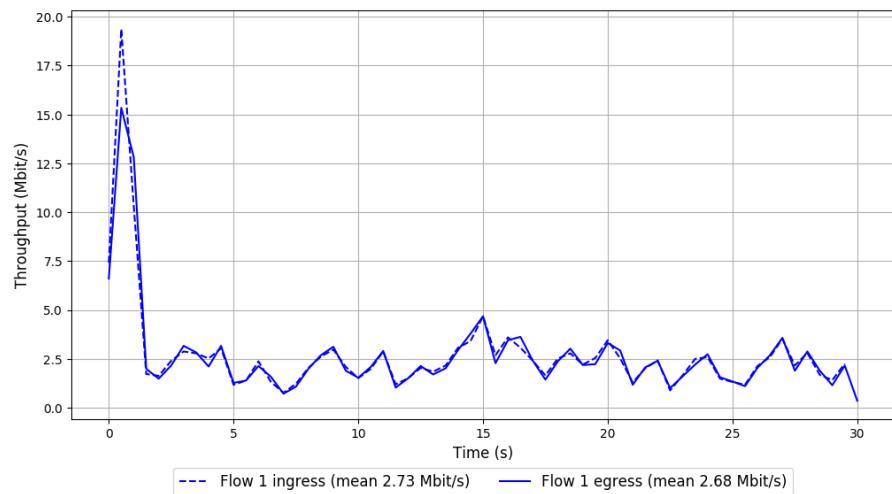


Run 9: Statistics of TCP Vegas

```
Start at: 2017-11-16 02:15:50
End at: 2017-11-16 02:16:20
Local clock offset: -0.864 ms
Remote clock offset: -8.476 ms

# Below is generated by plot.py at 2017-11-16 03:05:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 49.539 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 49.539 ms
Loss rate: 1.67%
```

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

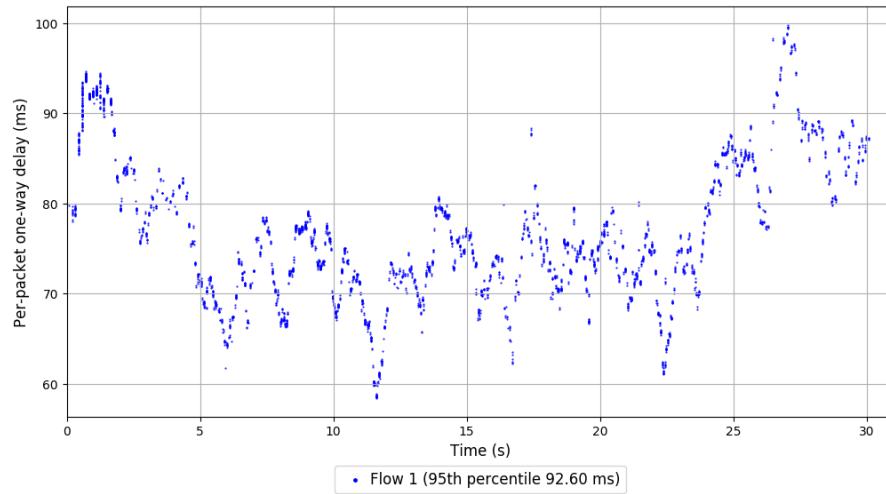
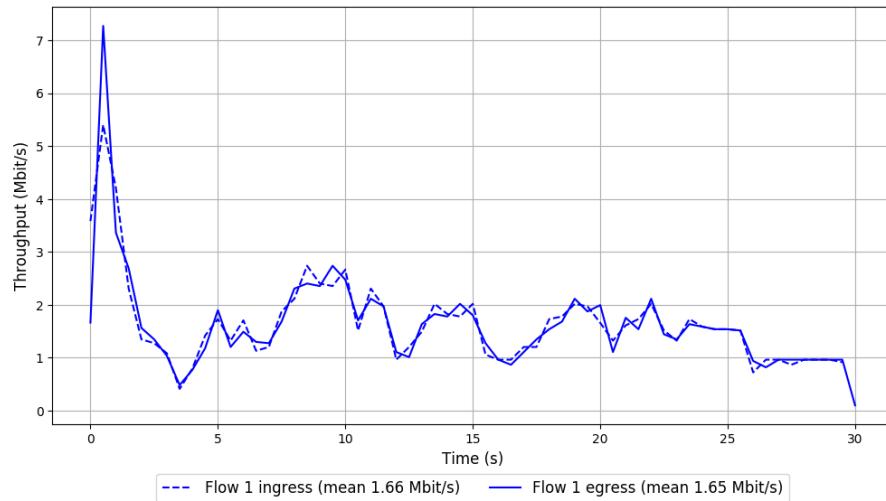


Run 10: Statistics of TCP Vegas

```
Start at: 2017-11-16 02:34:25
End at: 2017-11-16 02:34:55
Local clock offset: -0.572 ms
Remote clock offset: -8.041 ms

# Below is generated by plot.py at 2017-11-16 03:05:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 92.599 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 92.599 ms
Loss rate: 0.48%
```

Run 10: Report of TCP Vegas — Data Link

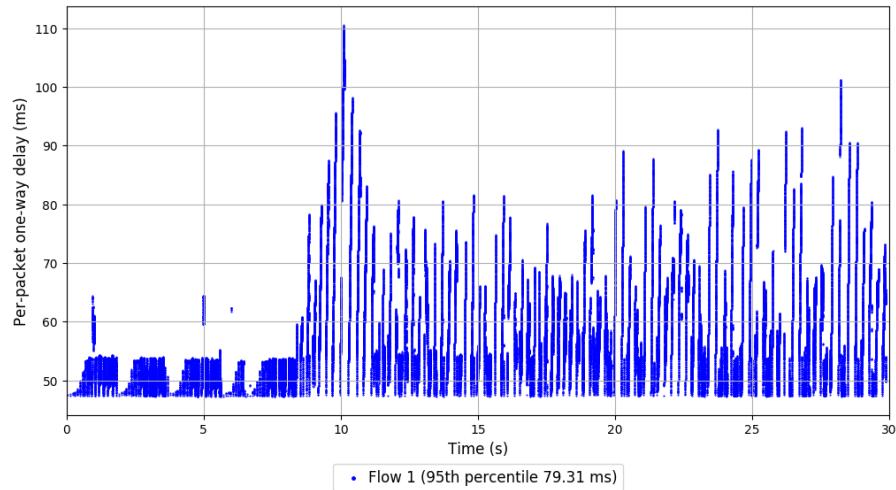
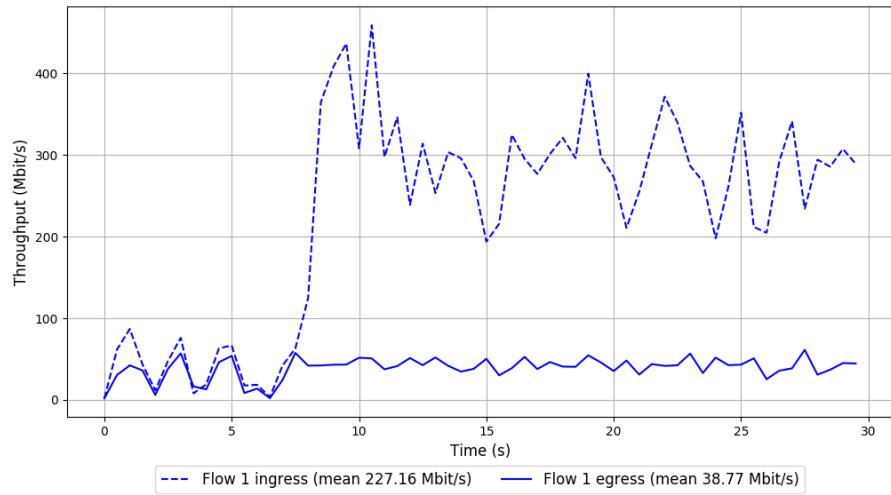


Run 1: Statistics of Verus

```
Start at: 2017-11-15 23:37:11
End at: 2017-11-15 23:37:41
Local clock offset: -7.487 ms
Remote clock offset: -7.233 ms

# Below is generated by plot.py at 2017-11-16 03:05:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.77 Mbit/s
95th percentile per-packet one-way delay: 79.312 ms
Loss rate: 82.93%
-- Flow 1:
Average throughput: 38.77 Mbit/s
95th percentile per-packet one-way delay: 79.312 ms
Loss rate: 82.93%
```

### Run 1: Report of Verus — Data Link

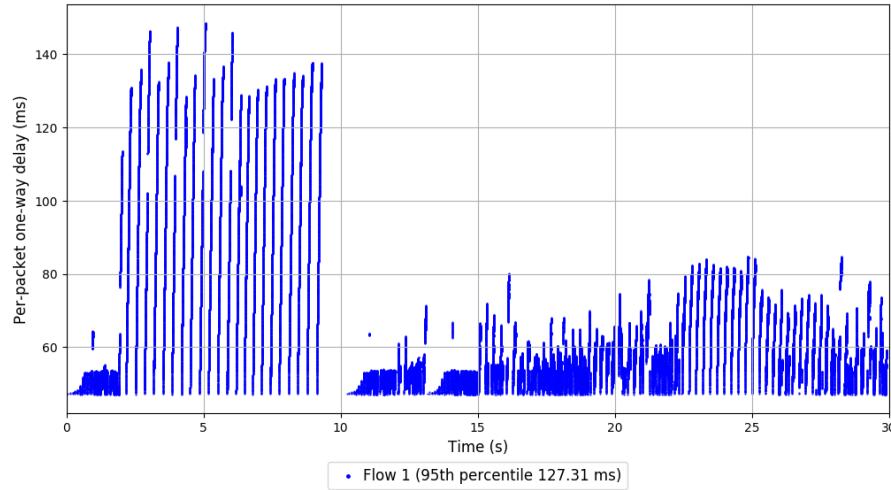
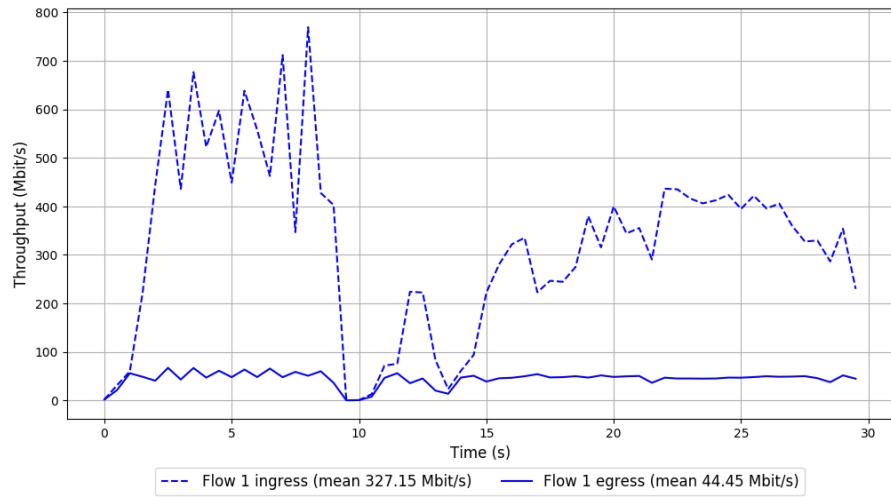


Run 2: Statistics of Verus

```
Start at: 2017-11-15 23:56:59
End at: 2017-11-15 23:57:29
Local clock offset: -5.236 ms
Remote clock offset: -7.672 ms

# Below is generated by plot.py at 2017-11-16 03:06:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.45 Mbit/s
95th percentile per-packet one-way delay: 127.310 ms
Loss rate: 86.41%
-- Flow 1:
Average throughput: 44.45 Mbit/s
95th percentile per-packet one-way delay: 127.310 ms
Loss rate: 86.41%
```

## Run 2: Report of Verus — Data Link

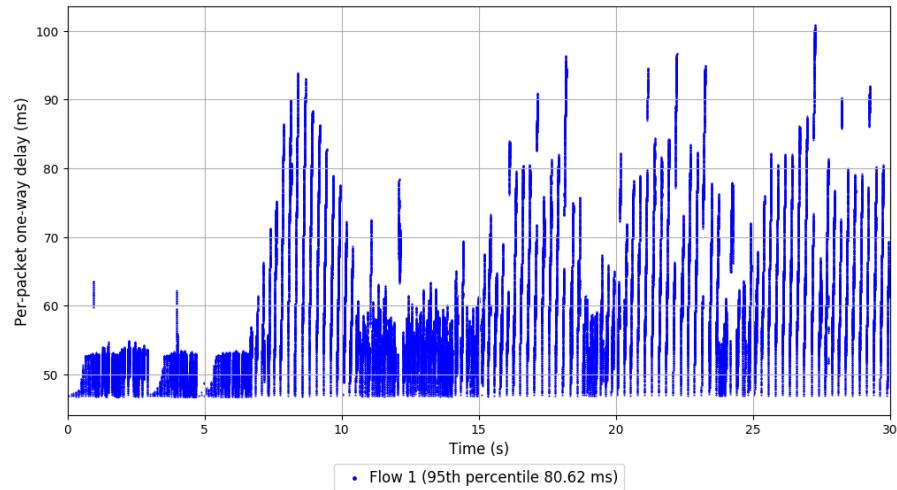
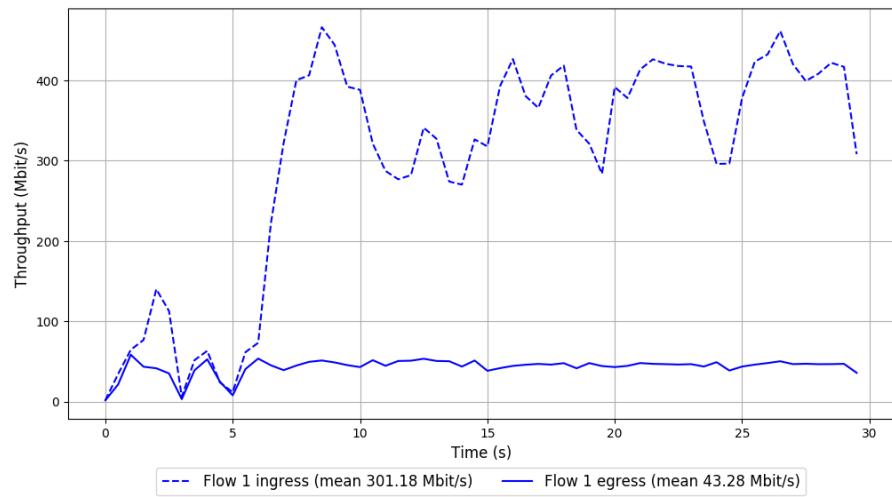


Run 3: Statistics of Verus

```
Start at: 2017-11-16 00:17:25
End at: 2017-11-16 00:17:55
Local clock offset: -4.325 ms
Remote clock offset: -7.865 ms

# Below is generated by plot.py at 2017-11-16 03:06:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.28 Mbit/s
95th percentile per-packet one-way delay: 80.616 ms
Loss rate: 85.62%
-- Flow 1:
Average throughput: 43.28 Mbit/s
95th percentile per-packet one-way delay: 80.616 ms
Loss rate: 85.62%
```

Run 3: Report of Verus — Data Link

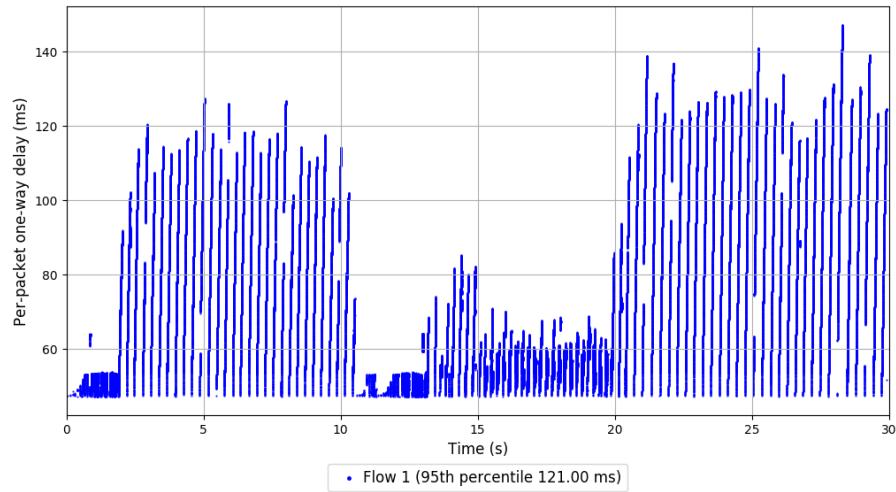
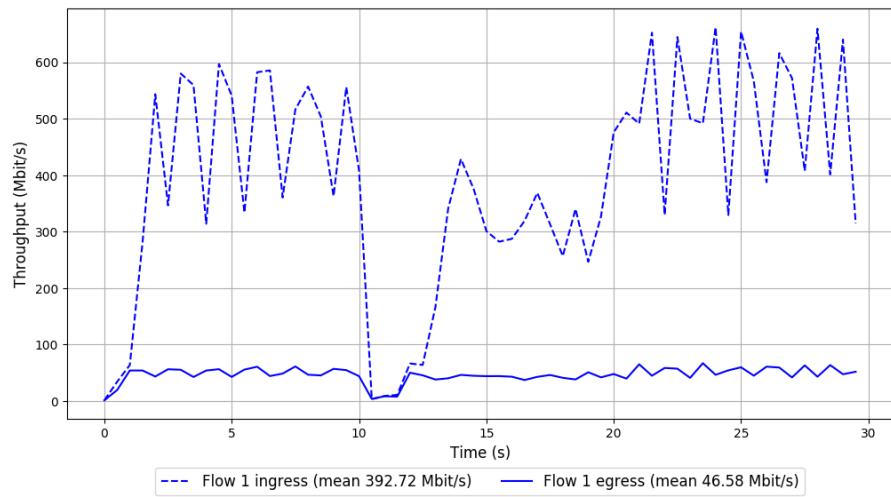


Run 4: Statistics of Verus

```
Start at: 2017-11-16 00:37:17
End at: 2017-11-16 00:37:47
Local clock offset: -3.29 ms
Remote clock offset: -7.94 ms

# Below is generated by plot.py at 2017-11-16 03:06:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.58 Mbit/s
95th percentile per-packet one-way delay: 121.004 ms
Loss rate: 88.14%
-- Flow 1:
Average throughput: 46.58 Mbit/s
95th percentile per-packet one-way delay: 121.004 ms
Loss rate: 88.14%
```

## Run 4: Report of Verus — Data Link

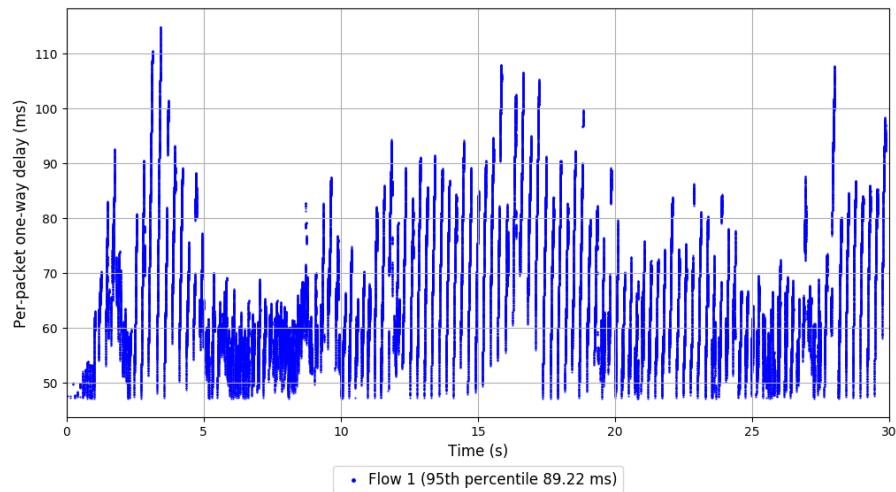
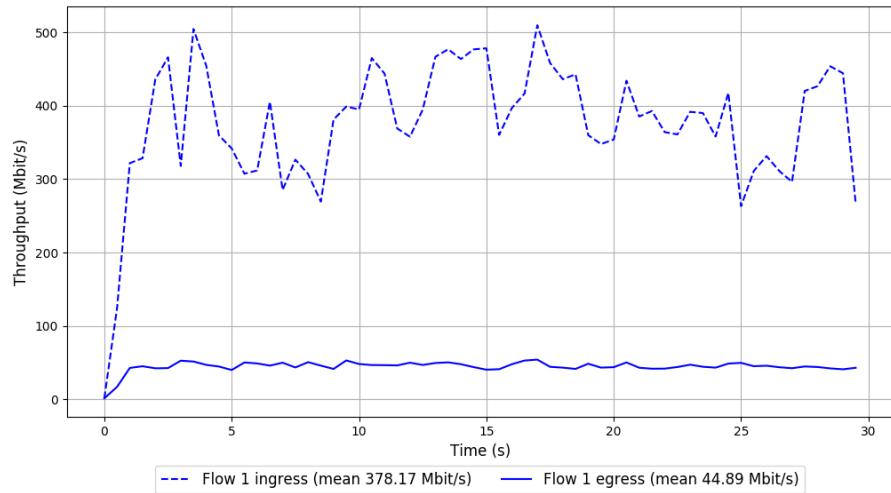


Run 5: Statistics of Verus

```
Start at: 2017-11-16 00:57:23
End at: 2017-11-16 00:57:53
Local clock offset: -3.139 ms
Remote clock offset: -7.936 ms

# Below is generated by plot.py at 2017-11-16 03:06:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: 89.220 ms
Loss rate: 88.11%
-- Flow 1:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: 89.220 ms
Loss rate: 88.11%
```

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

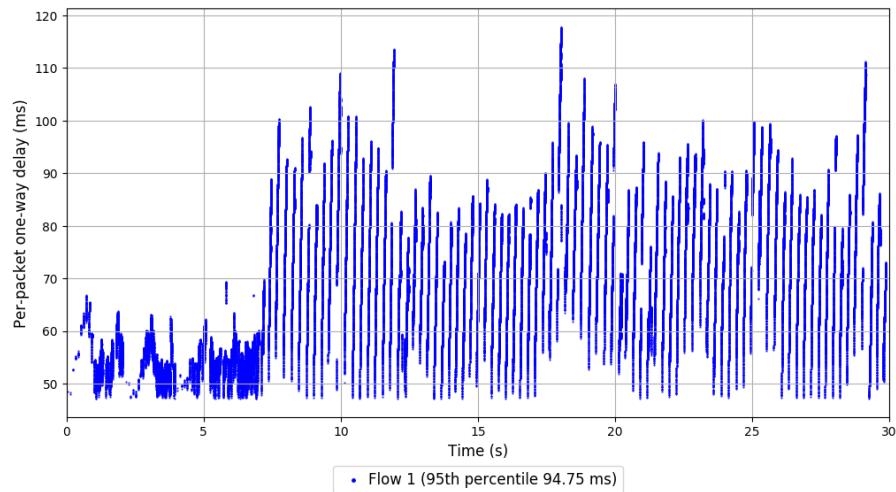
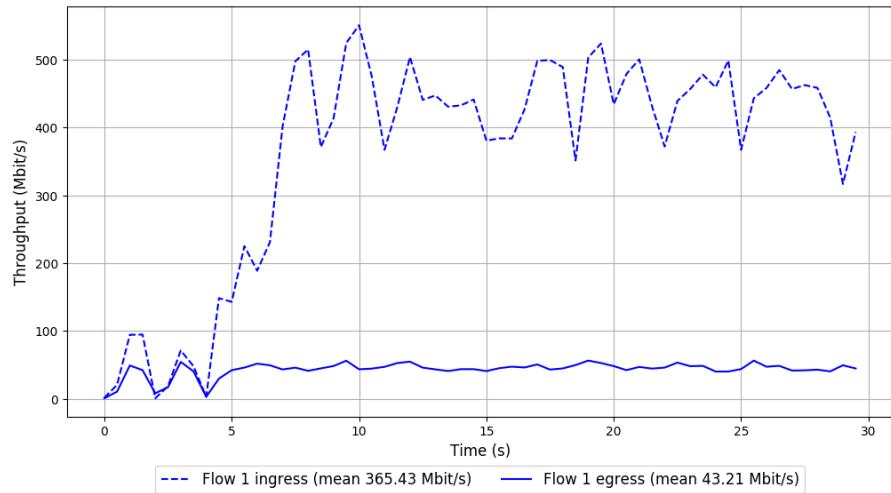


Run 6: Statistics of Verus

```
Start at: 2017-11-16 01:16:06
End at: 2017-11-16 01:16:36
Local clock offset: -2.776 ms
Remote clock offset: -8.281 ms

# Below is generated by plot.py at 2017-11-16 03:06:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.21 Mbit/s
95th percentile per-packet one-way delay: 94.752 ms
Loss rate: 88.16%
-- Flow 1:
Average throughput: 43.21 Mbit/s
95th percentile per-packet one-way delay: 94.752 ms
Loss rate: 88.16%
```

## Run 6: Report of Verus — Data Link

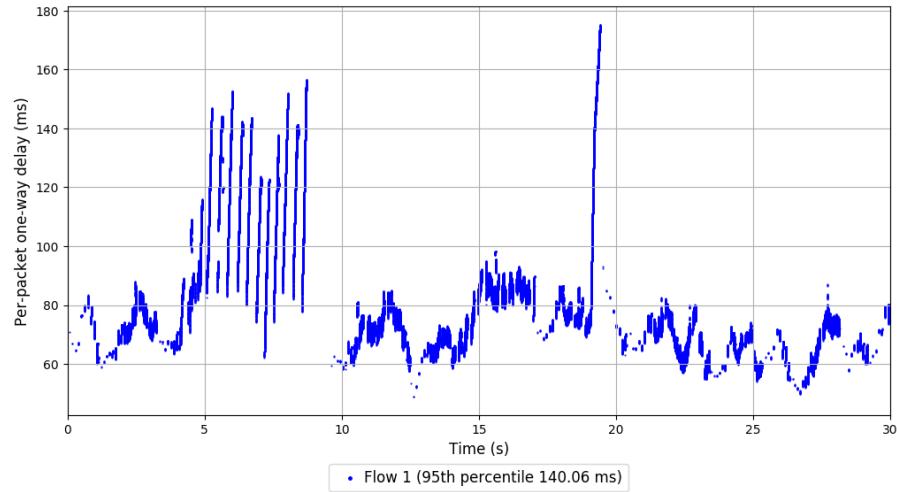
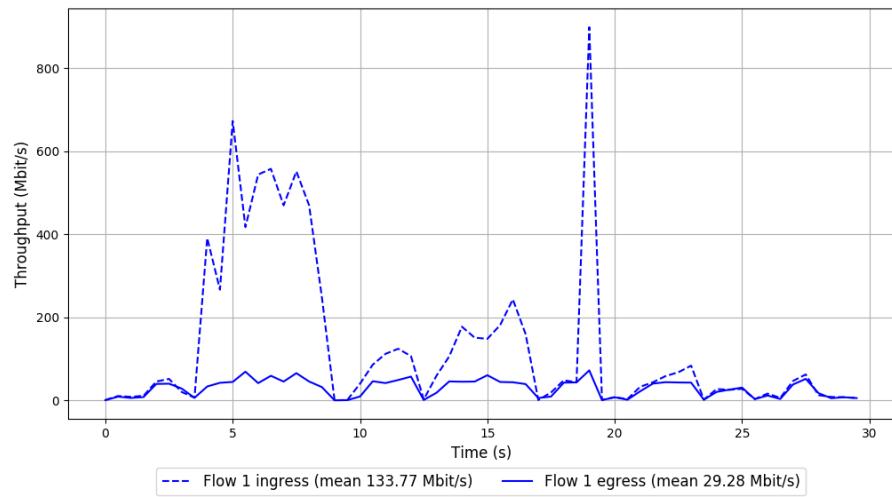


Run 7: Statistics of Verus

```
Start at: 2017-11-16 01:33:58
End at: 2017-11-16 01:34:28
Local clock offset: -1.955 ms
Remote clock offset: -8.303 ms

# Below is generated by plot.py at 2017-11-16 03:06:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.28 Mbit/s
95th percentile per-packet one-way delay: 140.062 ms
Loss rate: 78.10%
-- Flow 1:
Average throughput: 29.28 Mbit/s
95th percentile per-packet one-way delay: 140.062 ms
Loss rate: 78.10%
```

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

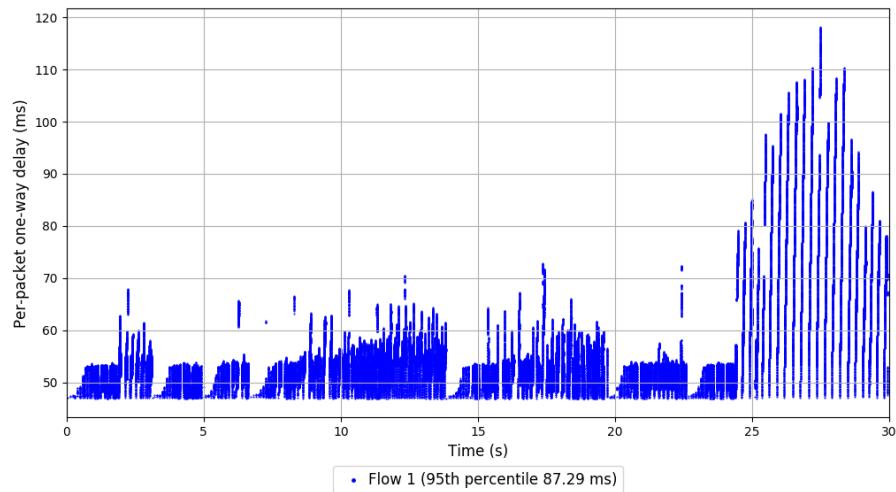
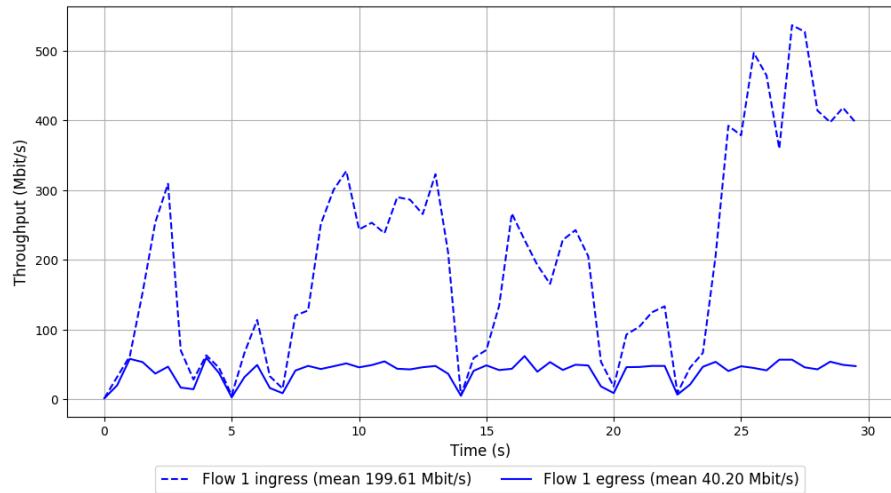


Run 8: Statistics of Verus

```
Start at: 2017-11-16 01:53:07
End at: 2017-11-16 01:53:37
Local clock offset: -1.287 ms
Remote clock offset: -8.339 ms

# Below is generated by plot.py at 2017-11-16 03:06:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.20 Mbit/s
95th percentile per-packet one-way delay: 87.294 ms
Loss rate: 79.86%
-- Flow 1:
Average throughput: 40.20 Mbit/s
95th percentile per-packet one-way delay: 87.294 ms
Loss rate: 79.86%
```

## Run 8: Report of Verus — Data Link

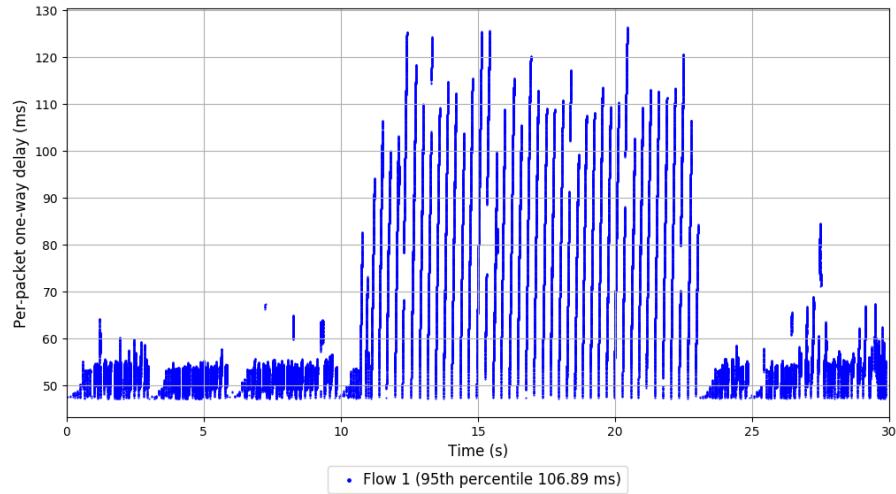
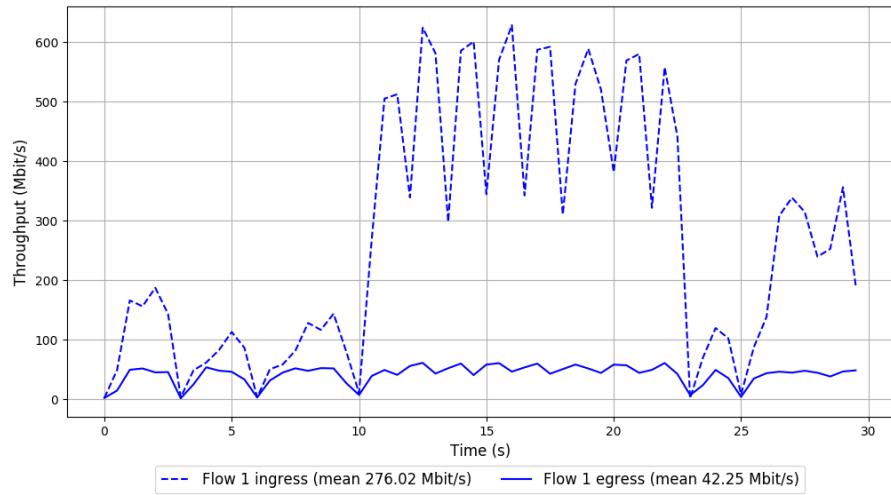


Run 9: Statistics of Verus

```
Start at: 2017-11-16 02:11:41
End at: 2017-11-16 02:12:11
Local clock offset: -0.949 ms
Remote clock offset: -8.615 ms

# Below is generated by plot.py at 2017-11-16 03:07:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.25 Mbit/s
95th percentile per-packet one-way delay: 106.890 ms
Loss rate: 84.69%
-- Flow 1:
Average throughput: 42.25 Mbit/s
95th percentile per-packet one-way delay: 106.890 ms
Loss rate: 84.69%
```

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

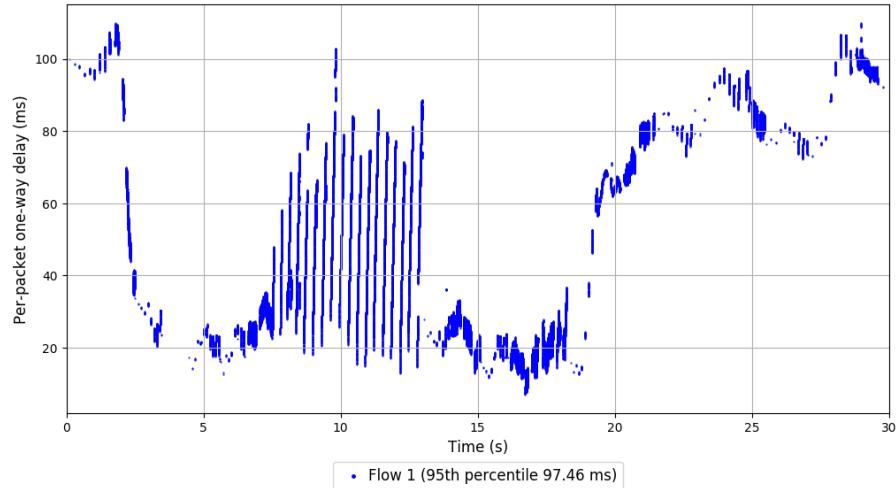
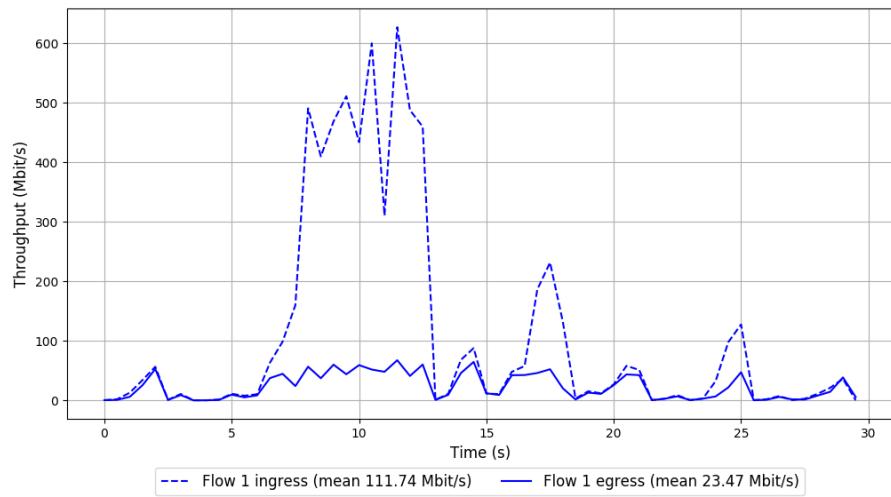


Run 10: Statistics of Verus

```
Start at: 2017-11-16 02:30:29
End at: 2017-11-16 02:30:59
Local clock offset: -0.565 ms
Remote clock offset: -55.84 ms

# Below is generated by plot.py at 2017-11-16 03:07:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.47 Mbit/s
95th percentile per-packet one-way delay: 97.460 ms
Loss rate: 79.00%
-- Flow 1:
Average throughput: 23.47 Mbit/s
95th percentile per-packet one-way delay: 97.460 ms
Loss rate: 79.00%
```

Run 10: Report of Verus — Data Link

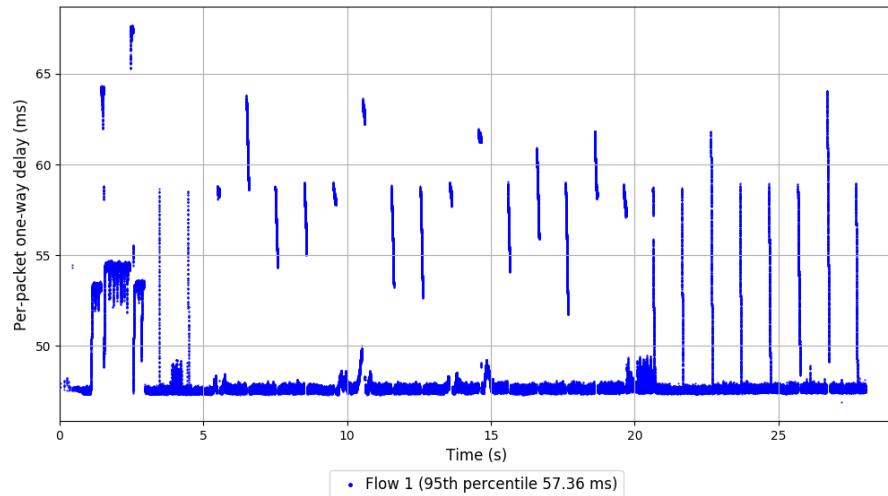
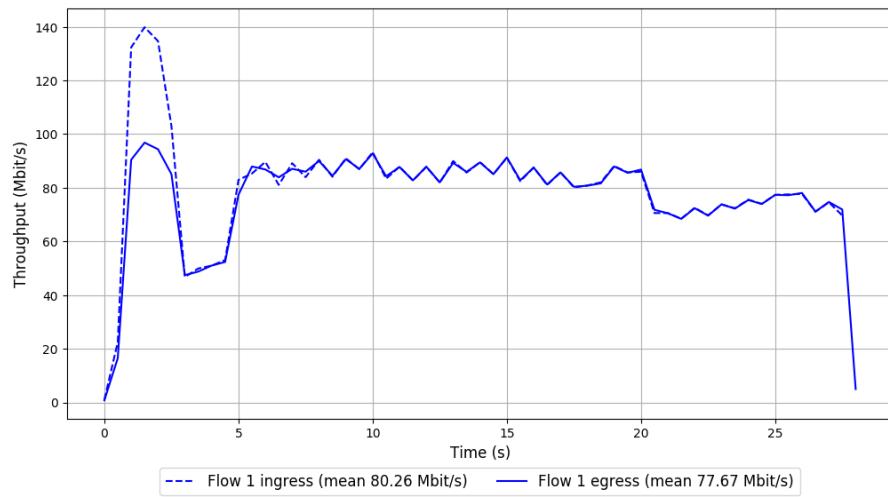


Run 1: Statistics of Copa

```
Start at: 2017-11-15 23:46:42
End at: 2017-11-15 23:47:12
Local clock offset: -6.425 ms
Remote clock offset: -7.495 ms

# Below is generated by plot.py at 2017-11-16 03:08:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.67 Mbit/s
95th percentile per-packet one-way delay: 57.358 ms
Loss rate: 3.23%
-- Flow 1:
Average throughput: 77.67 Mbit/s
95th percentile per-packet one-way delay: 57.358 ms
Loss rate: 3.23%
```

Run 1: Report of Copa — Data Link

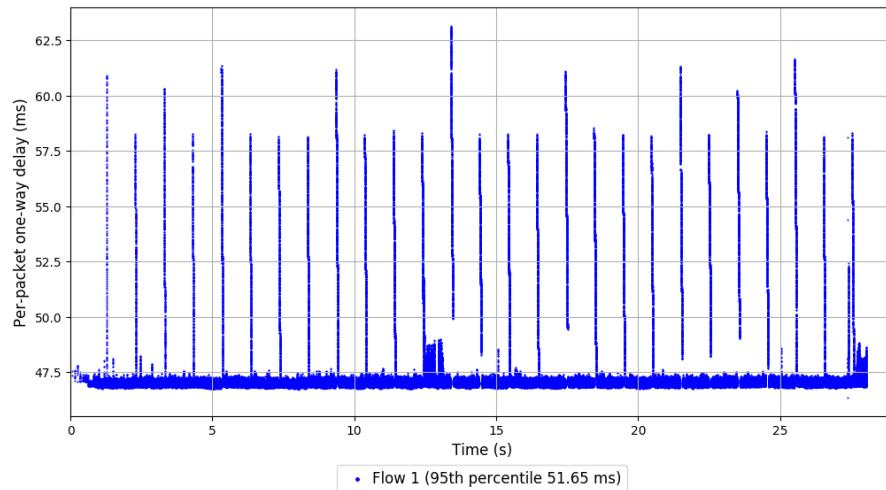
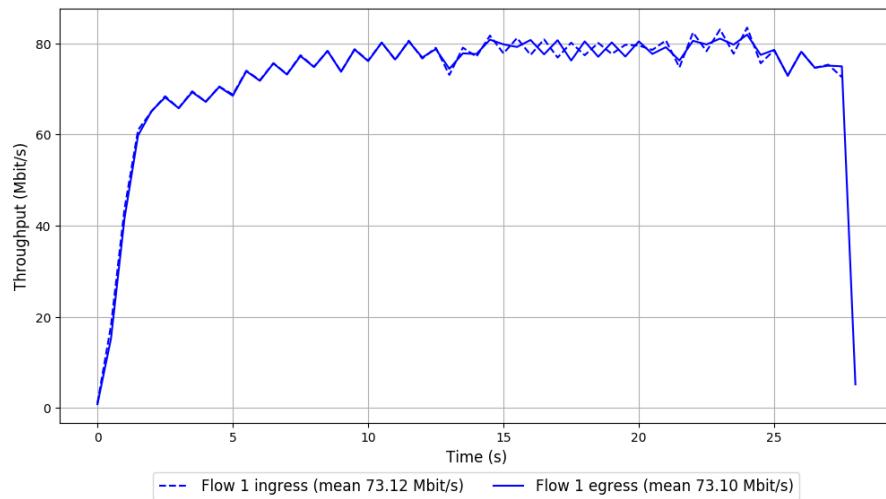


Run 2: Statistics of Copa

```
Start at: 2017-11-16 00:07:07
End at: 2017-11-16 00:07:37
Local clock offset: -4.653 ms
Remote clock offset: -7.729 ms

# Below is generated by plot.py at 2017-11-16 03:08:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.10 Mbit/s
95th percentile per-packet one-way delay: 51.650 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 73.10 Mbit/s
95th percentile per-packet one-way delay: 51.650 ms
Loss rate: 0.03%
```

## Run 2: Report of Copa — Data Link

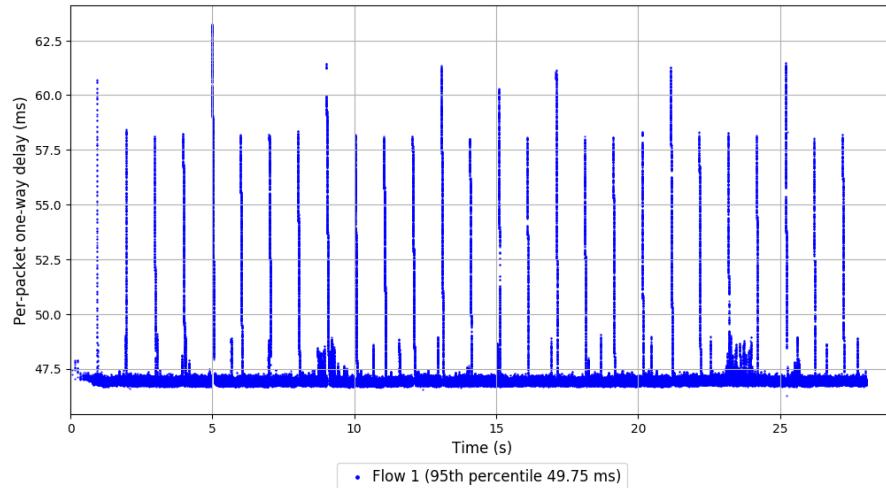
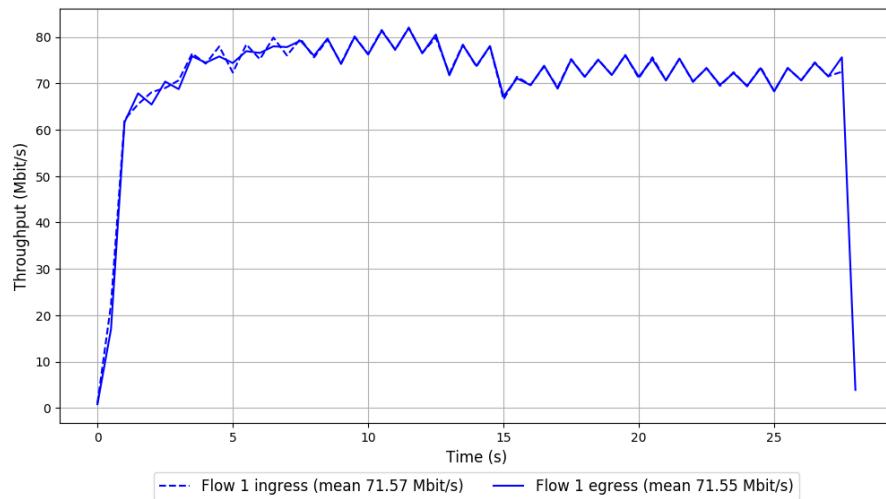


Run 3: Statistics of Copa

```
Start at: 2017-11-16 00:27:08
End at: 2017-11-16 00:27:38
Local clock offset: -3.362 ms
Remote clock offset: -7.974 ms

# Below is generated by plot.py at 2017-11-16 03:08:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.55 Mbit/s
95th percentile per-packet one-way delay: 49.747 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 71.55 Mbit/s
95th percentile per-packet one-way delay: 49.747 ms
Loss rate: 0.03%
```

### Run 3: Report of Copa — Data Link

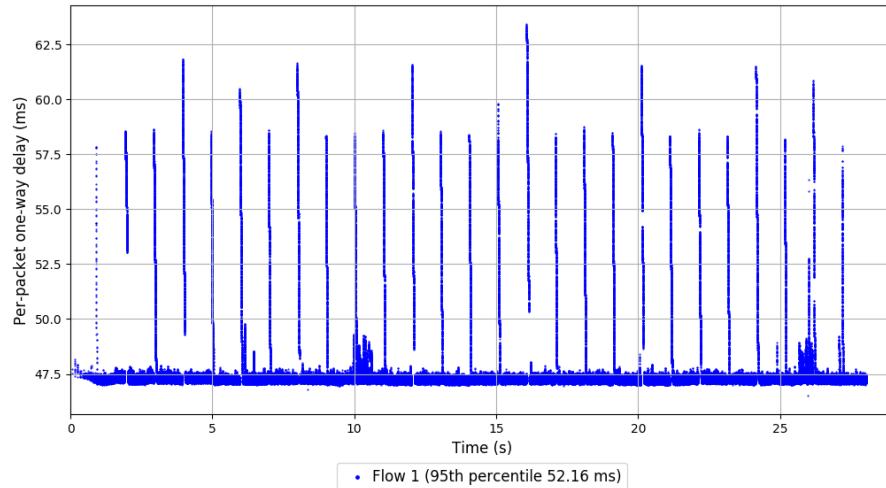
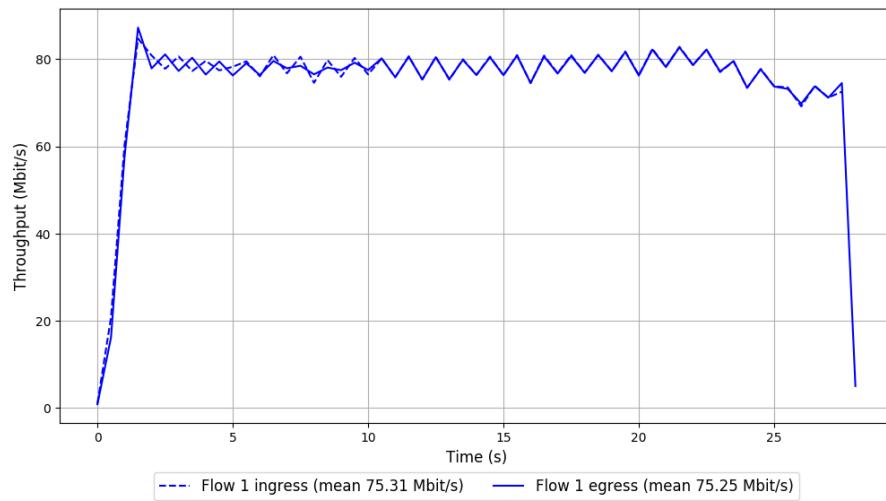


Run 4: Statistics of Copa

```
Start at: 2017-11-16 00:47:09
End at: 2017-11-16 00:47:39
Local clock offset: -3.128 ms
Remote clock offset: -7.89 ms

# Below is generated by plot.py at 2017-11-16 03:08:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.25 Mbit/s
95th percentile per-packet one-way delay: 52.155 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 75.25 Mbit/s
95th percentile per-packet one-way delay: 52.155 ms
Loss rate: 0.08%
```

### Run 4: Report of Copa — Data Link

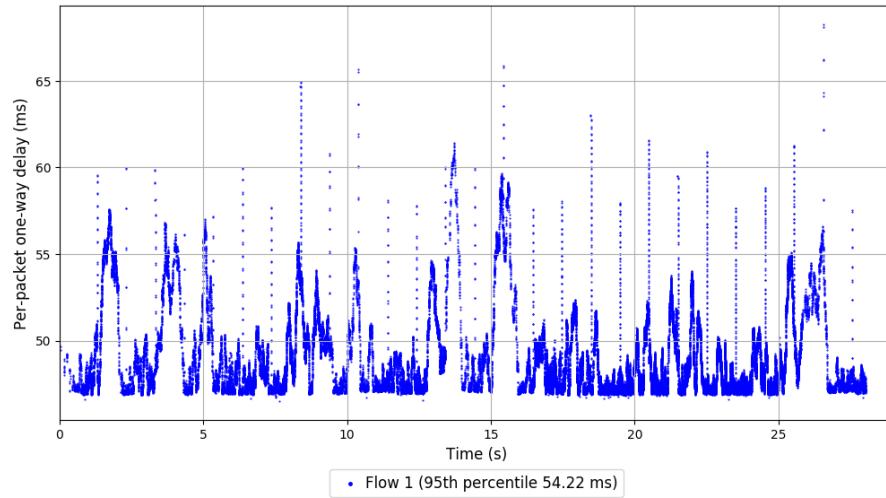
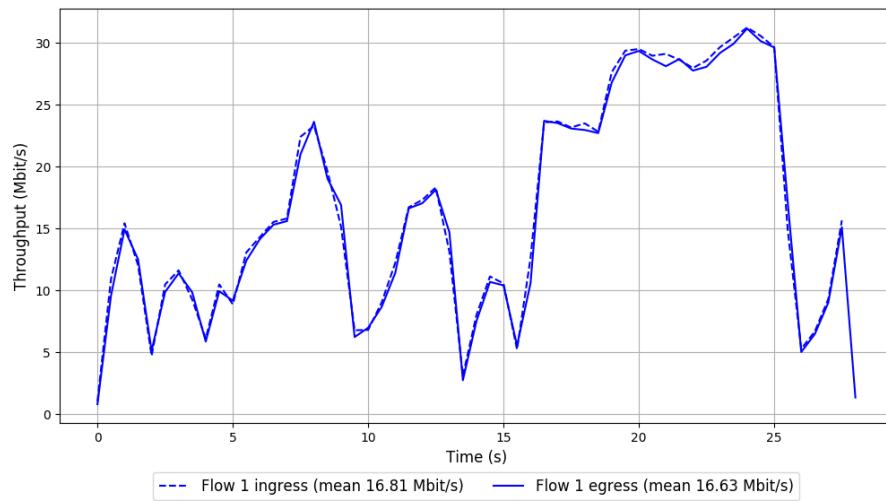


Run 5: Statistics of Copa

```
Start at: 2017-11-16 01:06:58
End at: 2017-11-16 01:07:28
Local clock offset: -2.88 ms
Remote clock offset: -8.063 ms

# Below is generated by plot.py at 2017-11-16 03:08:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.63 Mbit/s
95th percentile per-packet one-way delay: 54.222 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 16.63 Mbit/s
95th percentile per-packet one-way delay: 54.222 ms
Loss rate: 1.07%
```

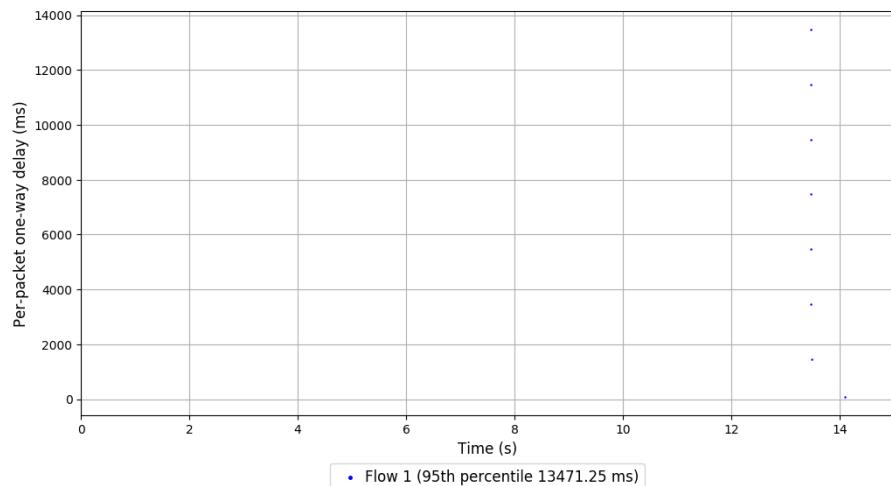
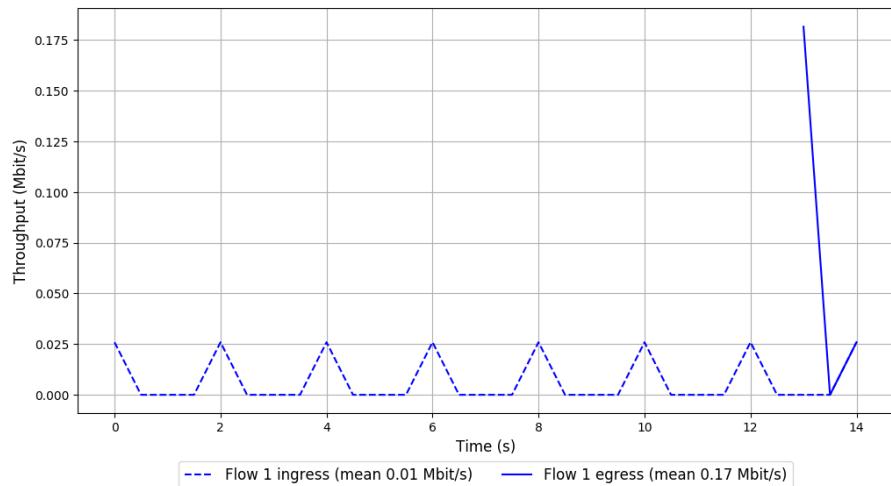
Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2017-11-16 01:25:32  
End at: 2017-11-16 01:26:02  
Local clock offset: -2.599 ms  
Remote clock offset: -8.357 ms

## Run 6: Report of Copa — Data Link

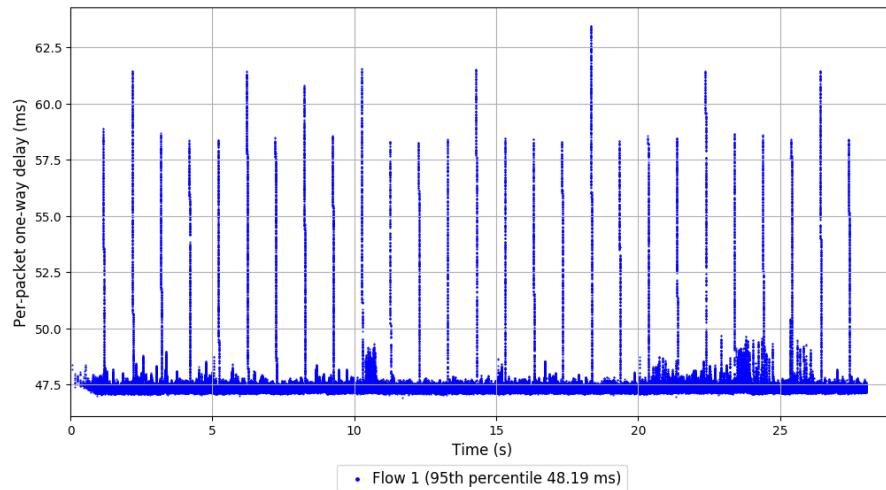
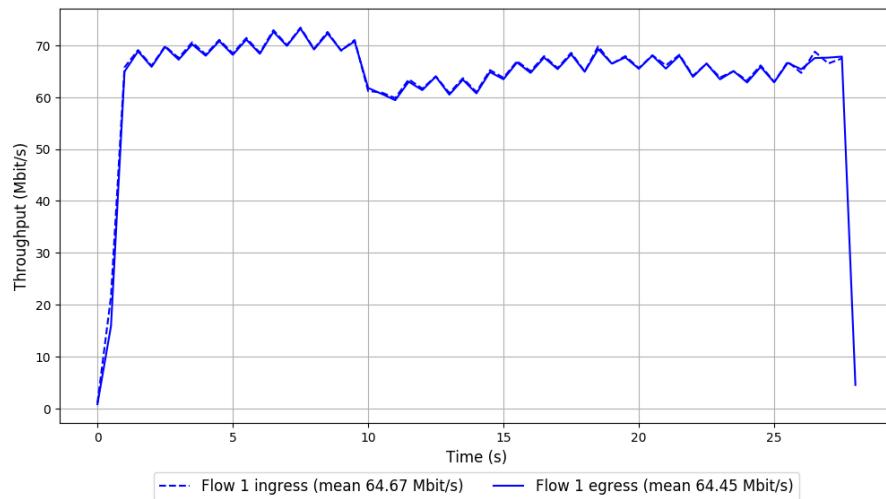


Run 7: Statistics of Copa

```
Start at: 2017-11-16 01:43:20
End at: 2017-11-16 01:43:50
Local clock offset: -1.706 ms
Remote clock offset: -8.428 ms

# Below is generated by plot.py at 2017-11-16 03:08:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 48.189 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 48.189 ms
Loss rate: 0.34%
```

### Run 7: Report of Copa — Data Link

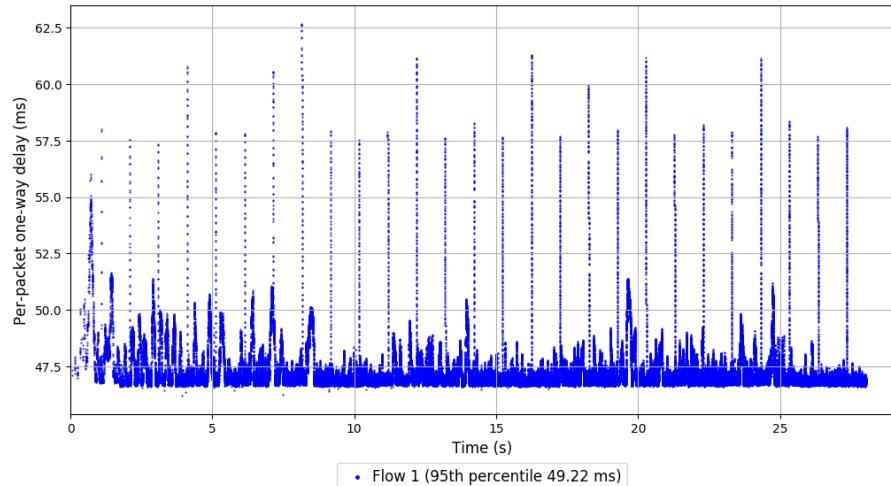
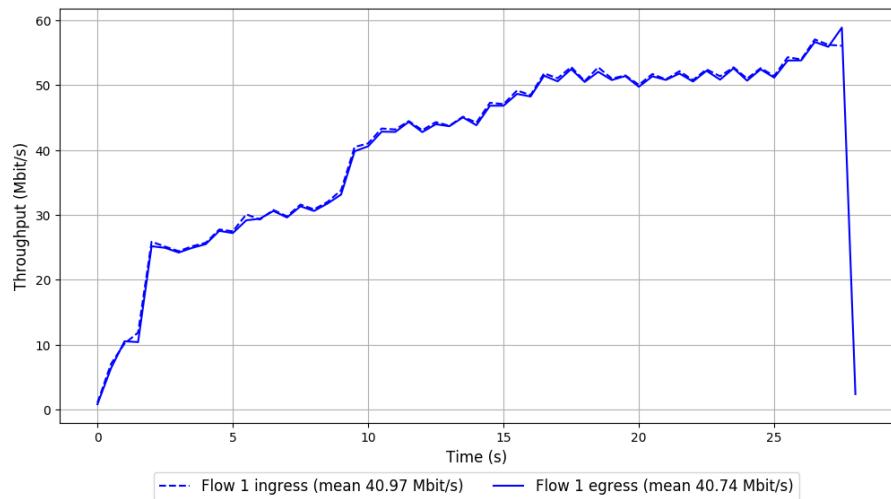


Run 8: Statistics of Copa

```
Start at: 2017-11-16 02:02:21
End at: 2017-11-16 02:02:51
Local clock offset: -1.004 ms
Remote clock offset: -8.656 ms

# Below is generated by plot.py at 2017-11-16 03:08:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.74 Mbit/s
95th percentile per-packet one-way delay: 49.221 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 40.74 Mbit/s
95th percentile per-packet one-way delay: 49.221 ms
Loss rate: 0.56%
```

### Run 8: Report of Copa — Data Link

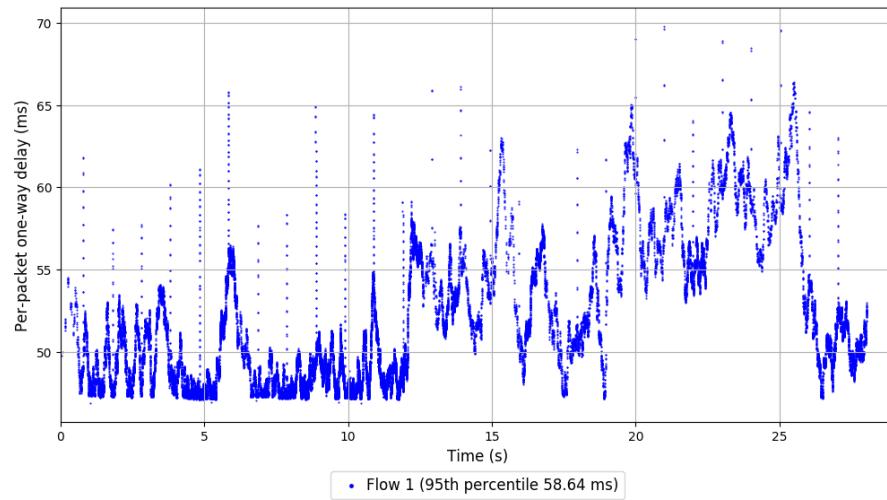
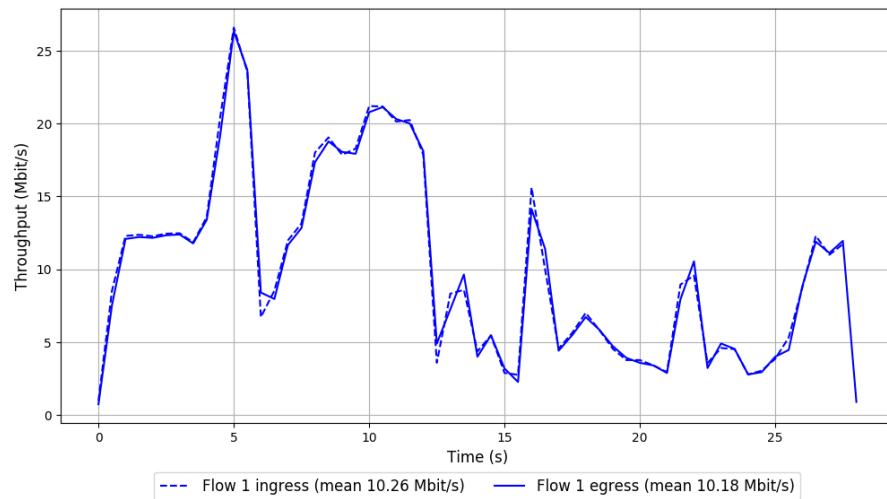


Run 9: Statistics of Copa

```
Start at: 2017-11-16 02:21:12
End at: 2017-11-16 02:21:42
Local clock offset: -0.684 ms
Remote clock offset: -8.418 ms

# Below is generated by plot.py at 2017-11-16 03:08:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.18 Mbit/s
95th percentile per-packet one-way delay: 58.644 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 10.18 Mbit/s
95th percentile per-packet one-way delay: 58.644 ms
Loss rate: 0.72%
```

Run 9: Report of Copa — Data Link

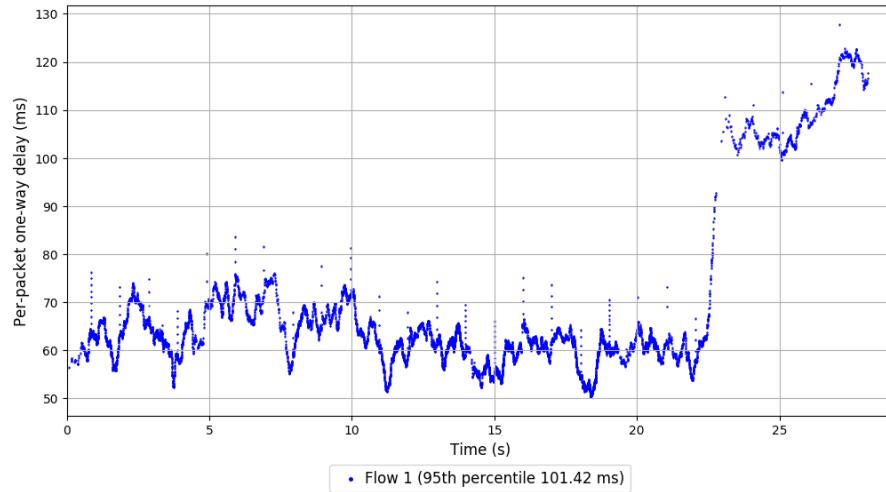
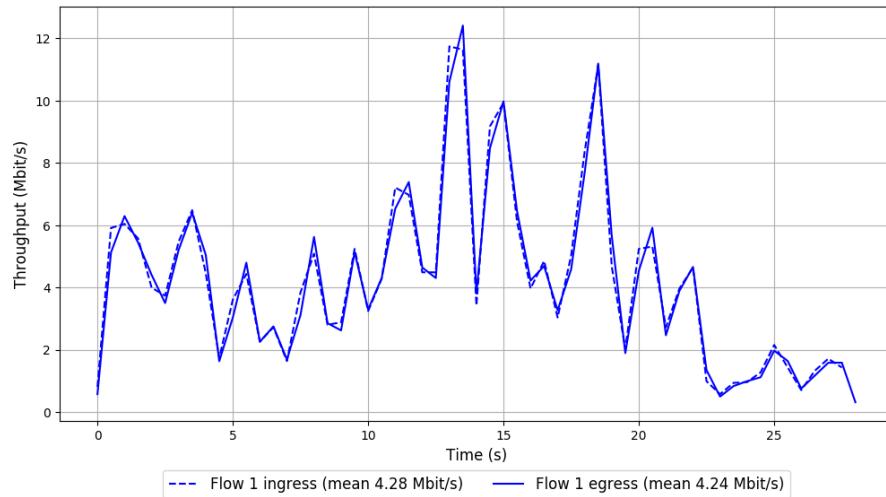


Run 10: Statistics of Copa

```
Start at: 2017-11-16 02:40:07
End at: 2017-11-16 02:40:37
Local clock offset: -0.221 ms
Remote clock offset: -8.101 ms

# Below is generated by plot.py at 2017-11-16 03:08:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 101.422 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 101.422 ms
Loss rate: 0.74%
```

Run 10: Report of Copa — Data Link

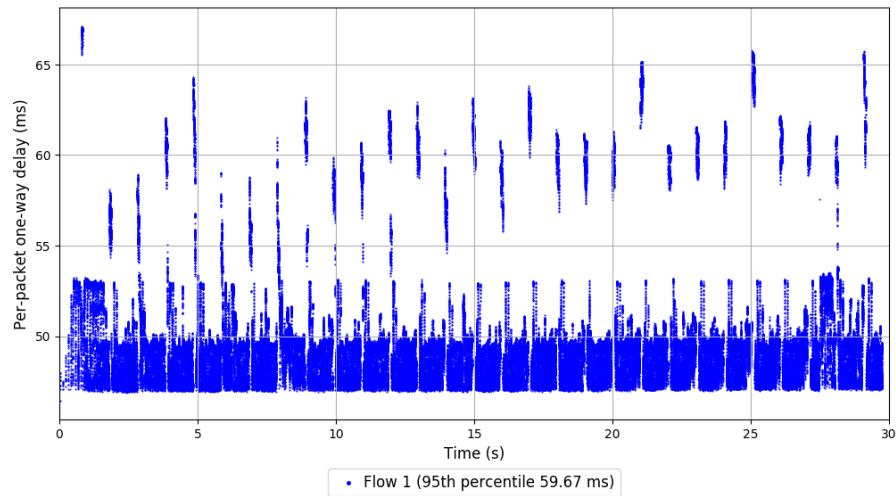
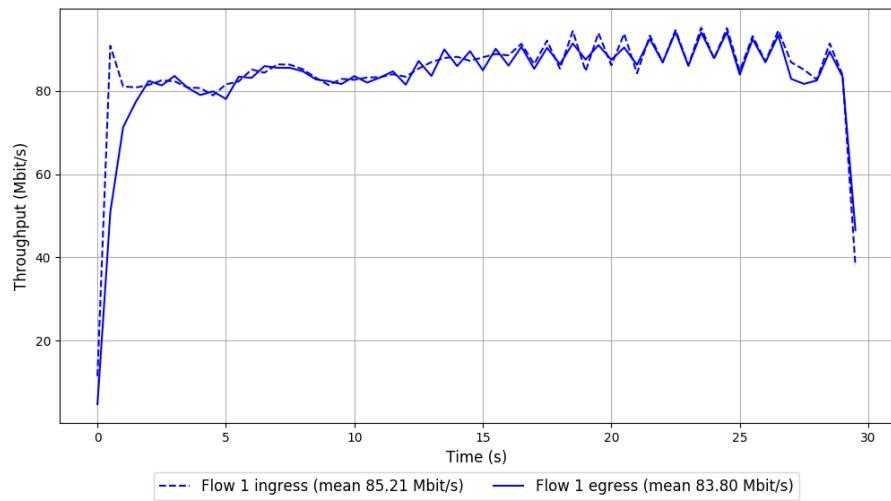


Run 1: Statistics of Indigo

```
Start at: 2017-11-15 23:48:47
End at: 2017-11-15 23:49:17
Local clock offset: -6.114 ms
Remote clock offset: -7.566 ms

# Below is generated by plot.py at 2017-11-16 03:08:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.80 Mbit/s
95th percentile per-packet one-way delay: 59.668 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 83.80 Mbit/s
95th percentile per-packet one-way delay: 59.668 ms
Loss rate: 1.65%
```

Run 1: Report of Indigo — Data Link

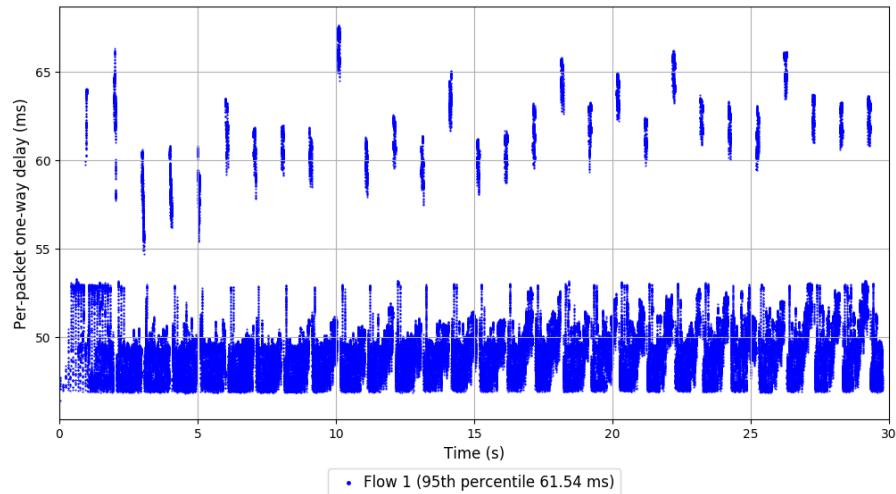
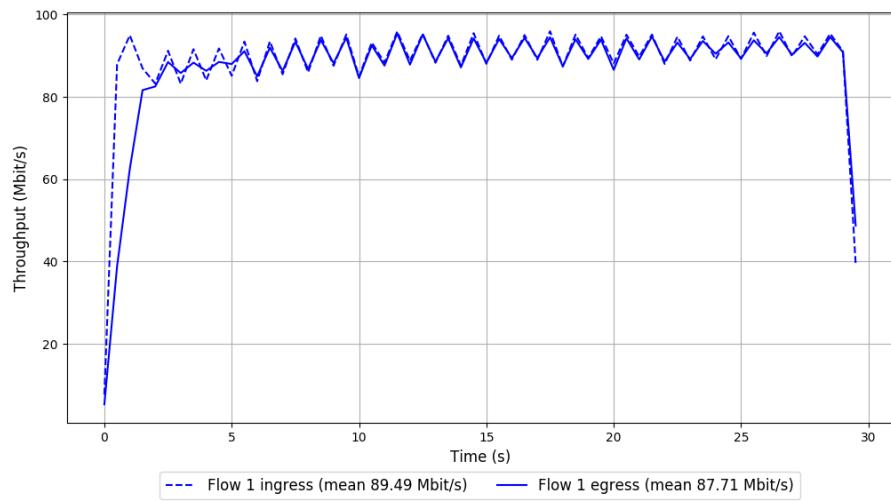


Run 2: Statistics of Indigo

```
Start at: 2017-11-16 00:08:53
End at: 2017-11-16 00:09:23
Local clock offset: -4.769 ms
Remote clock offset: -7.803 ms

# Below is generated by plot.py at 2017-11-16 03:08:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 61.541 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 61.541 ms
Loss rate: 1.98%
```

Run 2: Report of Indigo — Data Link

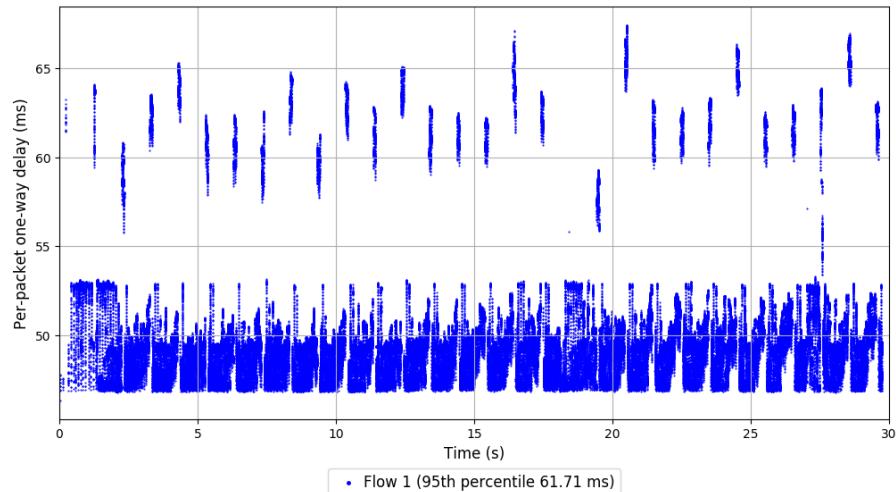
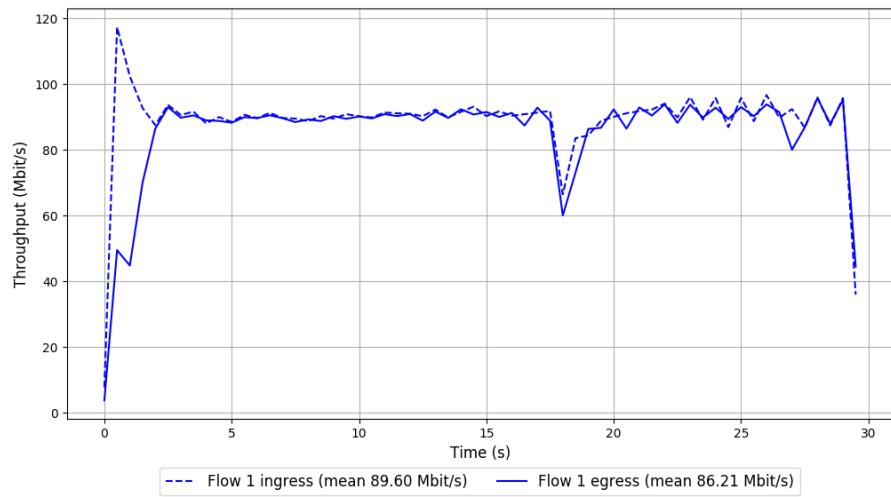


Run 3: Statistics of Indigo

```
Start at: 2017-11-16 00:28:55
End at: 2017-11-16 00:29:25
Local clock offset: -3.426 ms
Remote clock offset: -7.955 ms

# Below is generated by plot.py at 2017-11-16 03:09:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 61.712 ms
Loss rate: 3.77%
-- Flow 1:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 61.712 ms
Loss rate: 3.77%
```

Run 3: Report of Indigo — Data Link

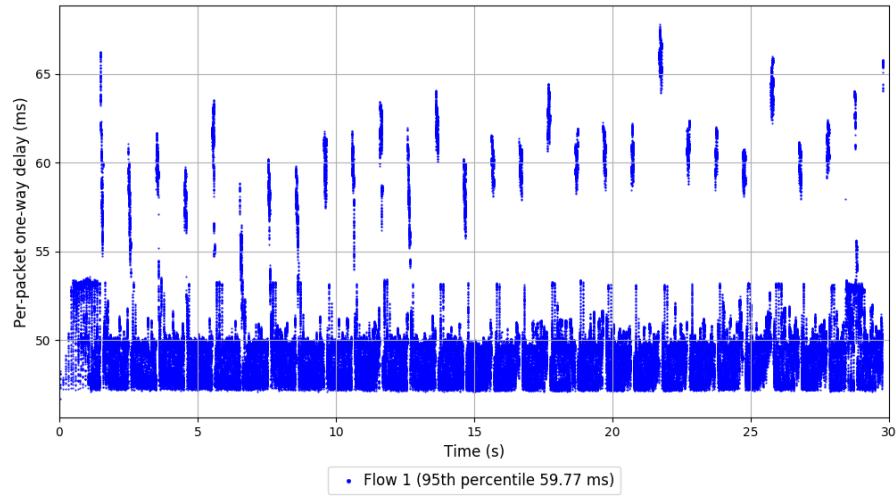
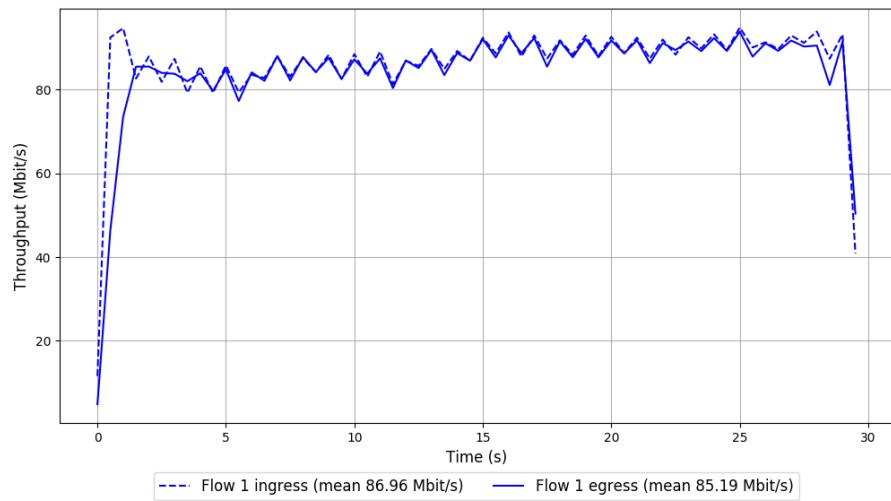


Run 4: Statistics of Indigo

```
Start at: 2017-11-16 00:49:06
End at: 2017-11-16 00:49:36
Local clock offset: -3.23 ms
Remote clock offset: -7.904 ms

# Below is generated by plot.py at 2017-11-16 03:09:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 59.765 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 59.765 ms
Loss rate: 1.98%
```

Run 4: Report of Indigo — Data Link

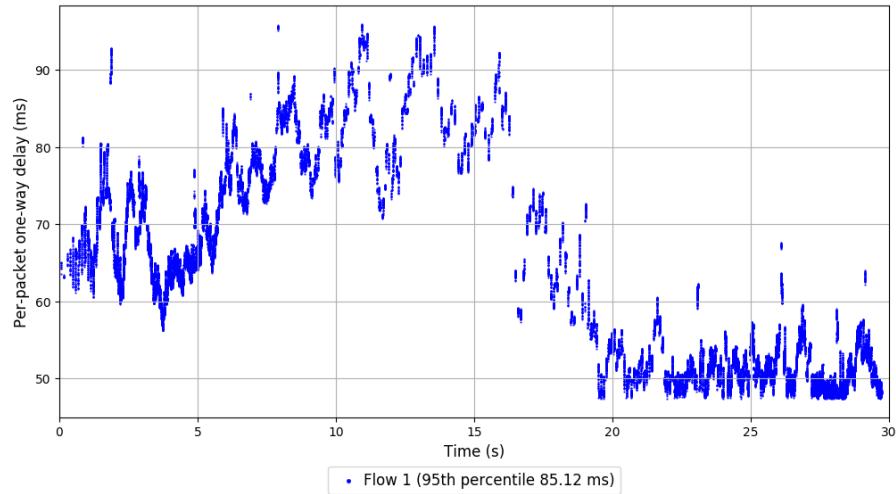
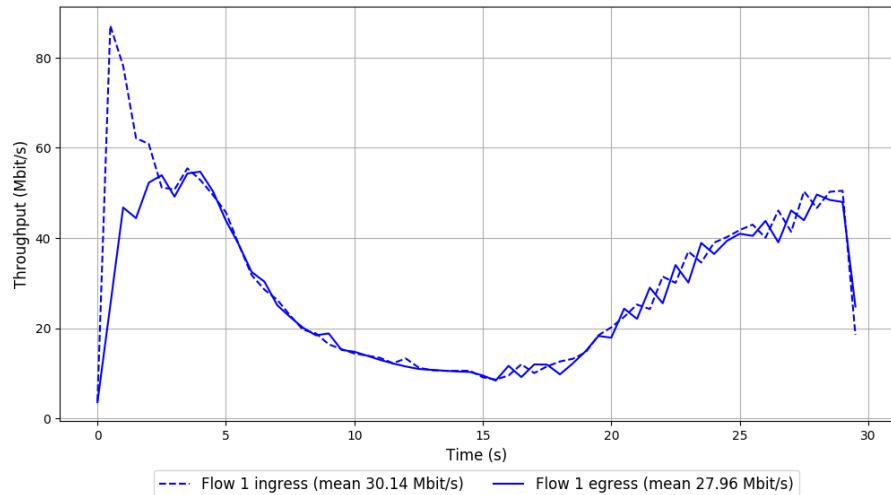


Run 5: Statistics of Indigo

```
Start at: 2017-11-16 01:08:17
End at: 2017-11-16 01:08:47
Local clock offset: -2.947 ms
Remote clock offset: -7.996 ms

# Below is generated by plot.py at 2017-11-16 03:09:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.96 Mbit/s
95th percentile per-packet one-way delay: 85.121 ms
Loss rate: 7.29%
-- Flow 1:
Average throughput: 27.96 Mbit/s
95th percentile per-packet one-way delay: 85.121 ms
Loss rate: 7.29%
```

Run 5: Report of Indigo — Data Link

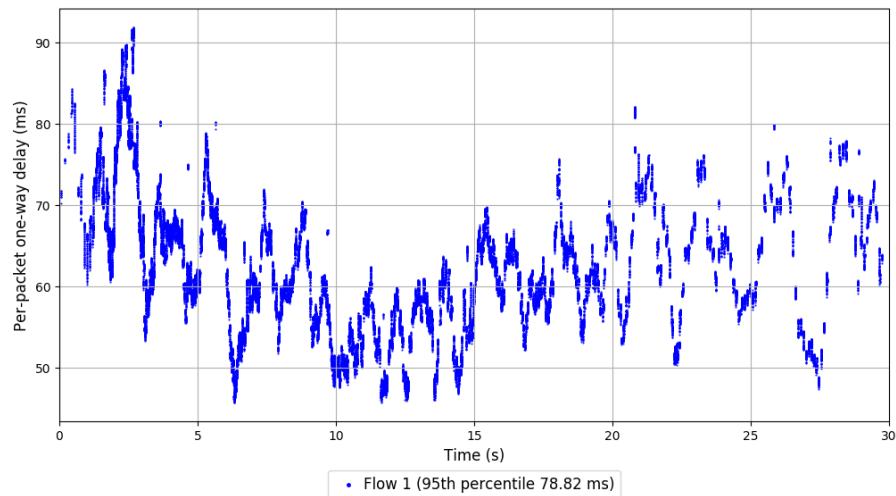
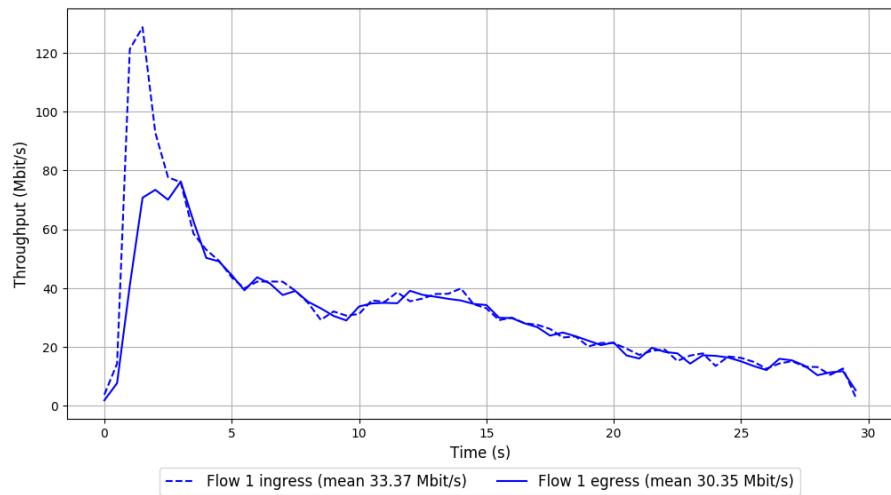


Run 6: Statistics of Indigo

```
Start at: 2017-11-16 01:26:41
End at: 2017-11-16 01:27:11
Local clock offset: -2.488 ms
Remote clock offset: -9.852 ms

# Below is generated by plot.py at 2017-11-16 03:09:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.35 Mbit/s
95th percentile per-packet one-way delay: 78.822 ms
Loss rate: 9.07%
-- Flow 1:
Average throughput: 30.35 Mbit/s
95th percentile per-packet one-way delay: 78.822 ms
Loss rate: 9.07%
```

Run 6: Report of Indigo — Data Link

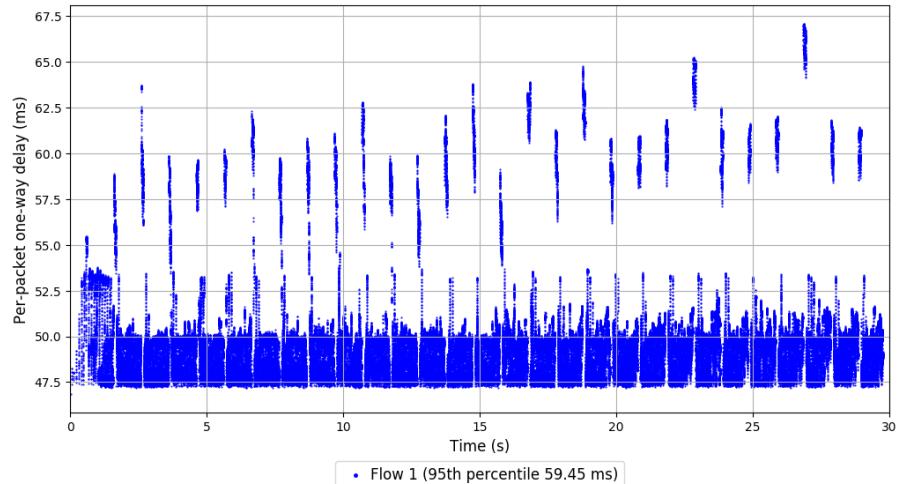
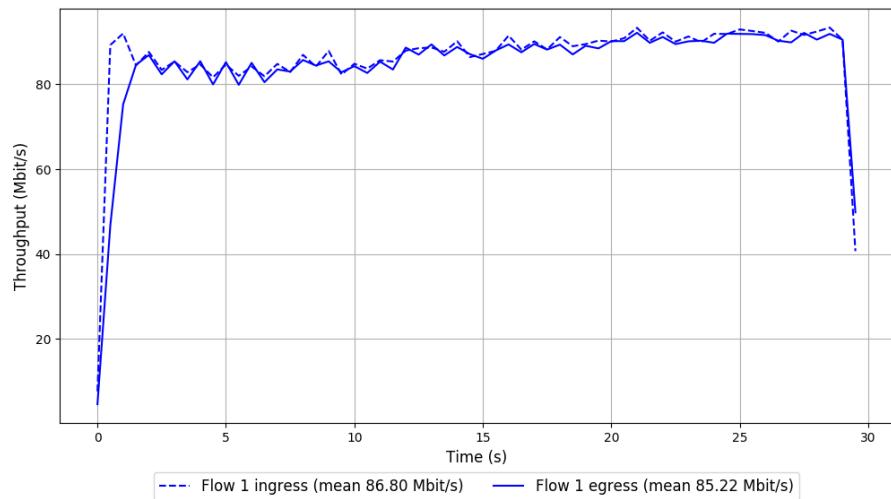


Run 7: Statistics of Indigo

```
Start at: 2017-11-16 01:45:14
End at: 2017-11-16 01:45:44
Local clock offset: -1.743 ms
Remote clock offset: -8.435 ms

# Below is generated by plot.py at 2017-11-16 03:09:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.22 Mbit/s
95th percentile per-packet one-way delay: 59.450 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 85.22 Mbit/s
95th percentile per-packet one-way delay: 59.450 ms
Loss rate: 1.81%
```

Run 7: Report of Indigo — Data Link

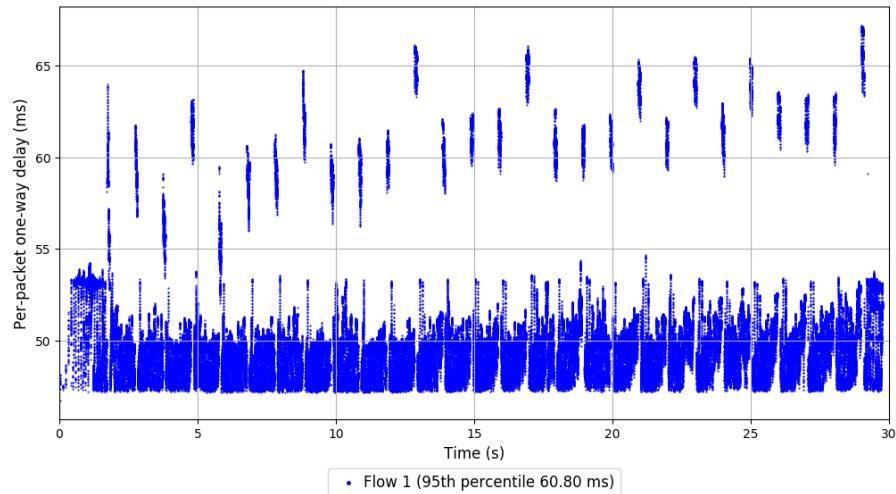
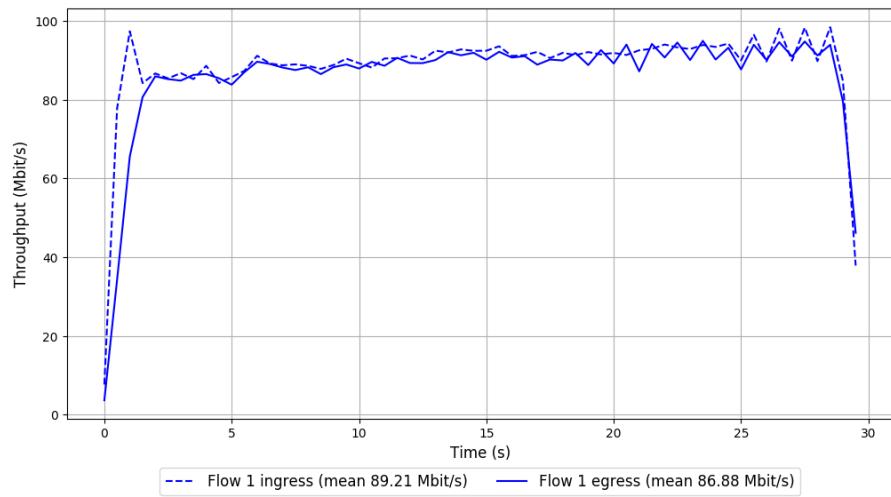


Run 8: Statistics of Indigo

```
Start at: 2017-11-16 02:03:39
End at: 2017-11-16 02:04:09
Local clock offset: -1.151 ms
Remote clock offset: -8.588 ms

# Below is generated by plot.py at 2017-11-16 03:09:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 60.795 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 60.795 ms
Loss rate: 2.60%
```

Run 8: Report of Indigo — Data Link

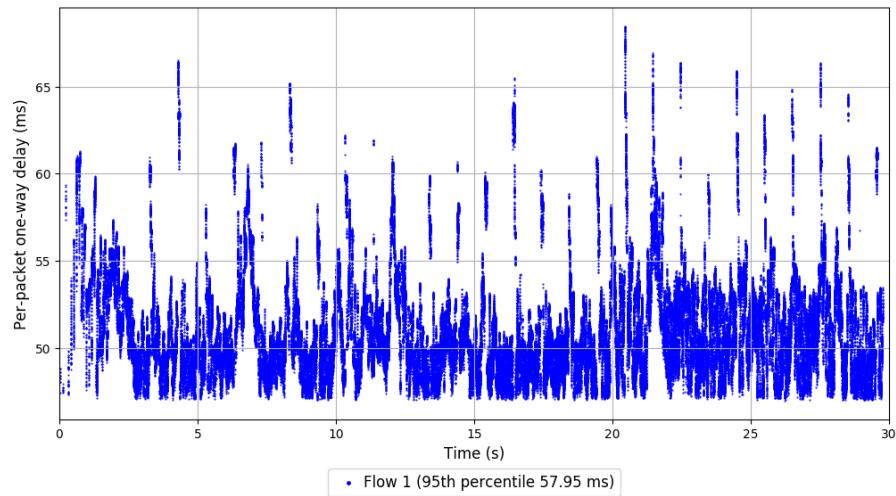
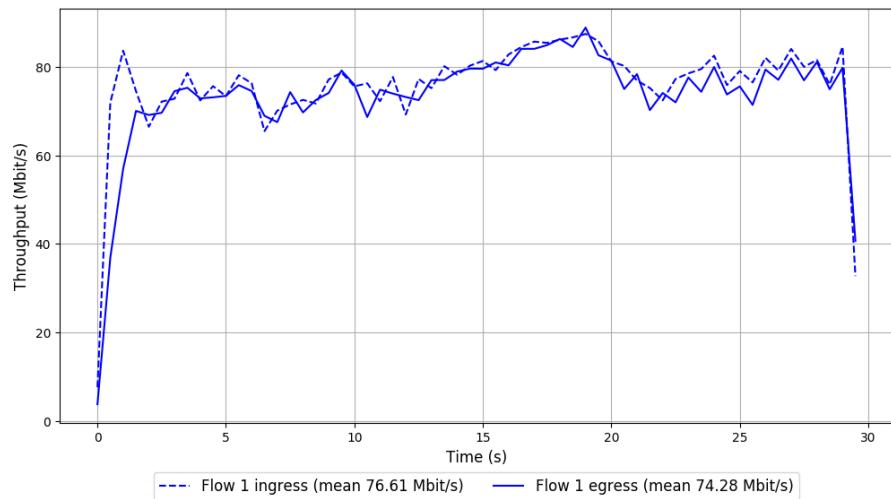


Run 9: Statistics of Indigo

```
Start at: 2017-11-16 02:22:22
End at: 2017-11-16 02:22:53
Local clock offset: -0.798 ms
Remote clock offset: -8.342 ms

# Below is generated by plot.py at 2017-11-16 03:09:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.28 Mbit/s
95th percentile per-packet one-way delay: 57.955 ms
Loss rate: 3.02%
-- Flow 1:
Average throughput: 74.28 Mbit/s
95th percentile per-packet one-way delay: 57.955 ms
Loss rate: 3.02%
```

Run 9: Report of Indigo — Data Link

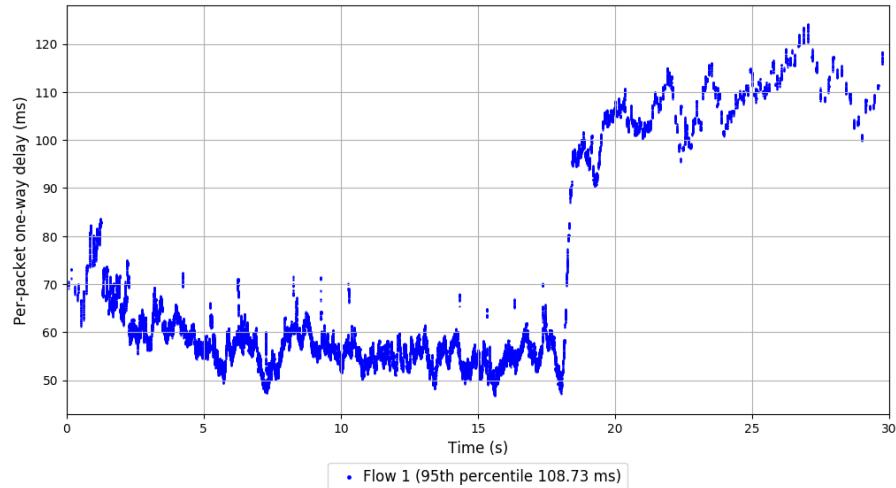
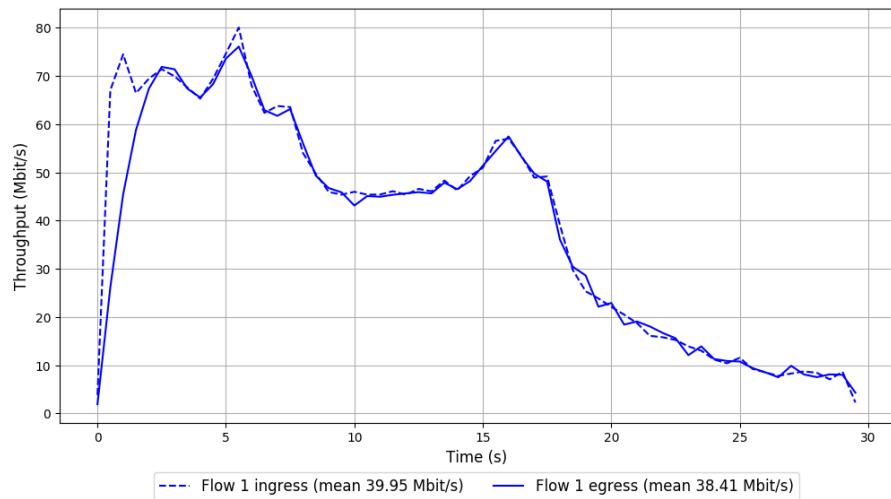


Run 10: Statistics of Indigo

```
Start at: 2017-11-16 02:41:21
End at: 2017-11-16 02:41:51
Local clock offset: -0.363 ms
Remote clock offset: -8.944 ms

# Below is generated by plot.py at 2017-11-16 03:09:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.41 Mbit/s
95th percentile per-packet one-way delay: 108.735 ms
Loss rate: 3.72%
-- Flow 1:
Average throughput: 38.41 Mbit/s
95th percentile per-packet one-way delay: 108.735 ms
Loss rate: 3.72%
```

Run 10: Report of Indigo — Data Link

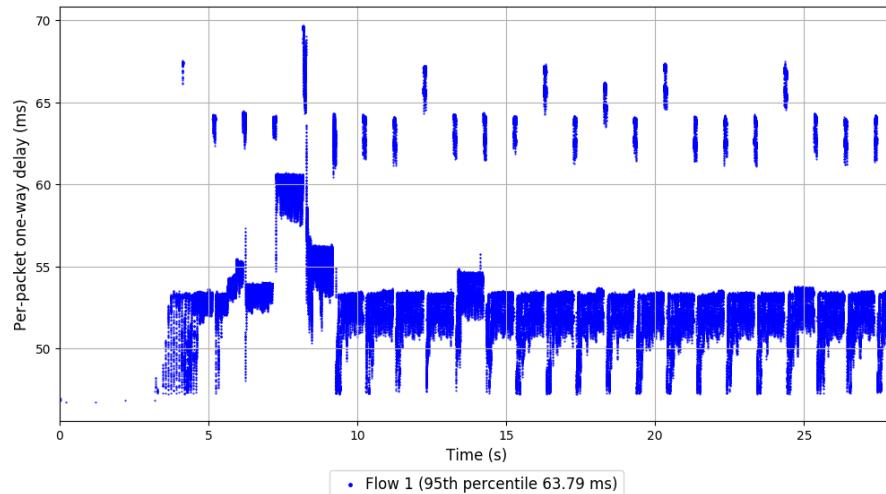
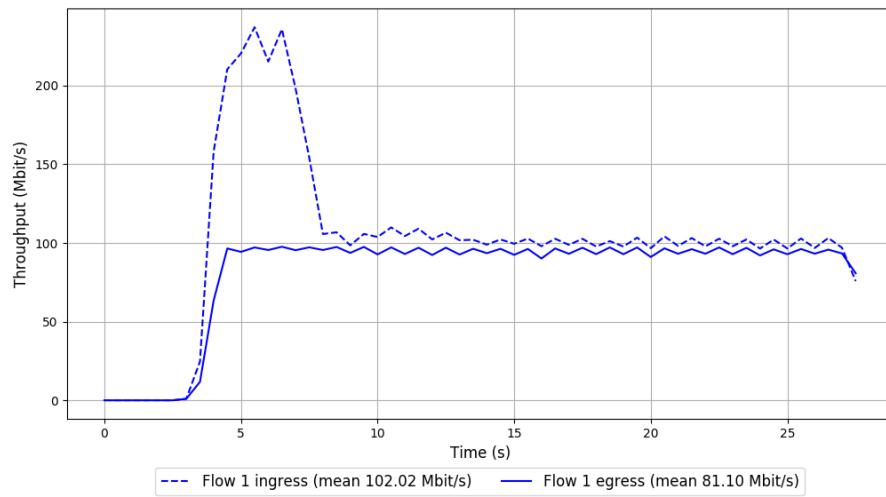


```
Run 1: Statistics of Indigo-calib

Start at: 2017-11-15 23:35:34
End at: 2017-11-15 23:36:04
Local clock offset: -7.588 ms
Remote clock offset: -7.224 ms

# Below is generated by plot.py at 2017-11-16 03:10:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.10 Mbit/s
95th percentile per-packet one-way delay: 63.788 ms
Loss rate: 20.49%
-- Flow 1:
Average throughput: 81.10 Mbit/s
95th percentile per-packet one-way delay: 63.788 ms
Loss rate: 20.49%
```

Run 1: Report of Indigo-calib — Data Link

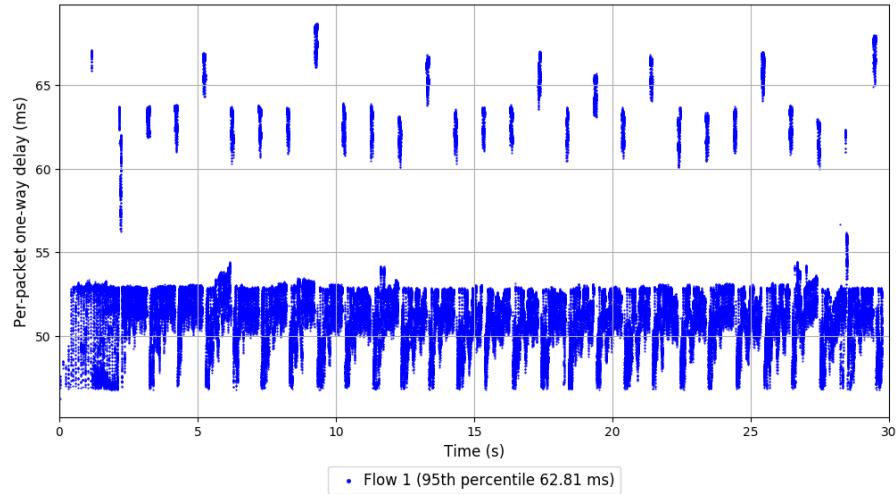
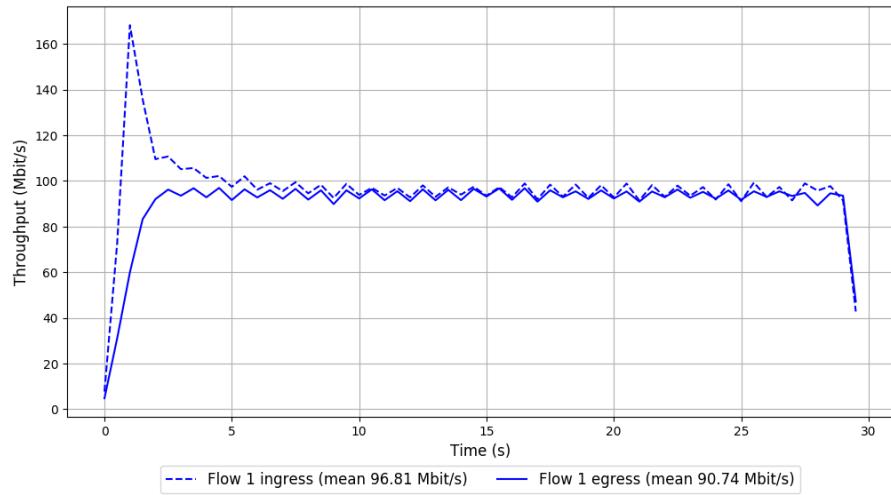


Run 2: Statistics of Indigo-calib

```
Start at: 2017-11-15 23:55:06
End at: 2017-11-15 23:55:36
Local clock offset: -5.365 ms
Remote clock offset: -7.635 ms

# Below is generated by plot.py at 2017-11-16 03:10:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 62.809 ms
Loss rate: 6.26%
-- Flow 1:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 62.809 ms
Loss rate: 6.26%
```

Run 2: Report of Indigo-calib — Data Link

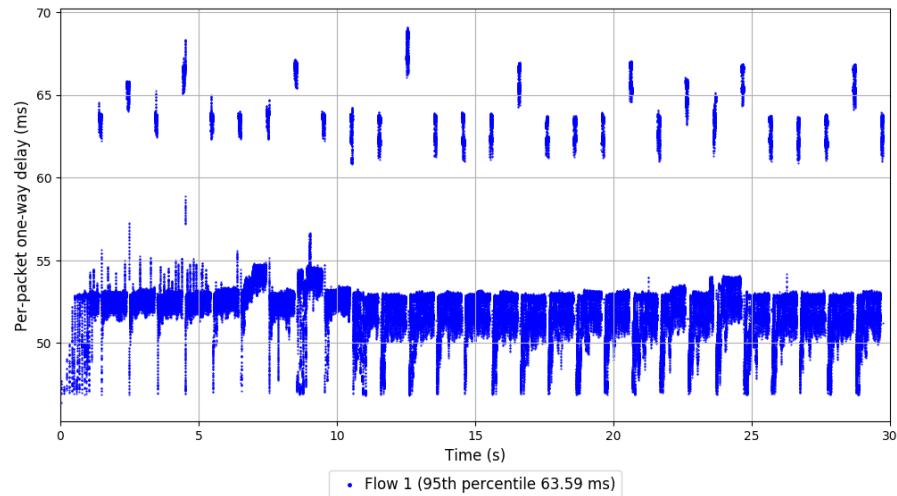
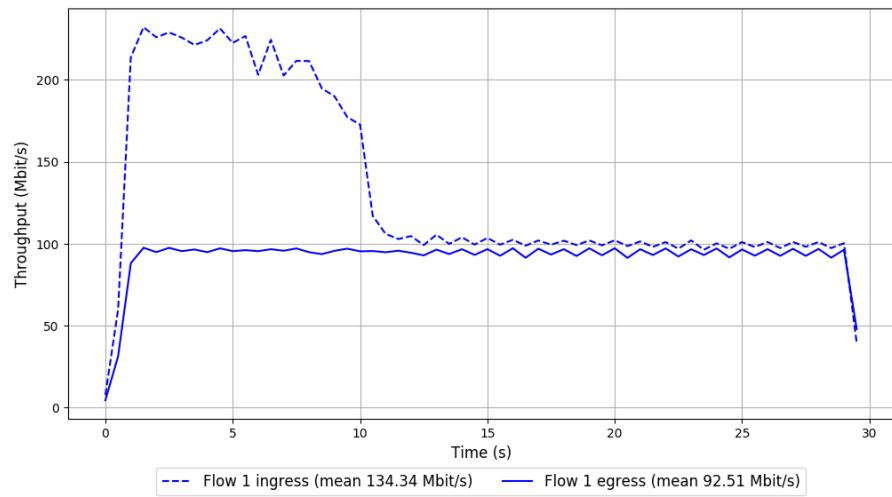


Run 3: Statistics of Indigo-calib

```
Start at: 2017-11-16 00:15:35
End at: 2017-11-16 00:16:05
Local clock offset: -4.474 ms
Remote clock offset: -7.892 ms

# Below is generated by plot.py at 2017-11-16 03:10:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.51 Mbit/s
95th percentile per-packet one-way delay: 63.588 ms
Loss rate: 31.13%
-- Flow 1:
Average throughput: 92.51 Mbit/s
95th percentile per-packet one-way delay: 63.588 ms
Loss rate: 31.13%
```

Run 3: Report of Indigo-calib — Data Link

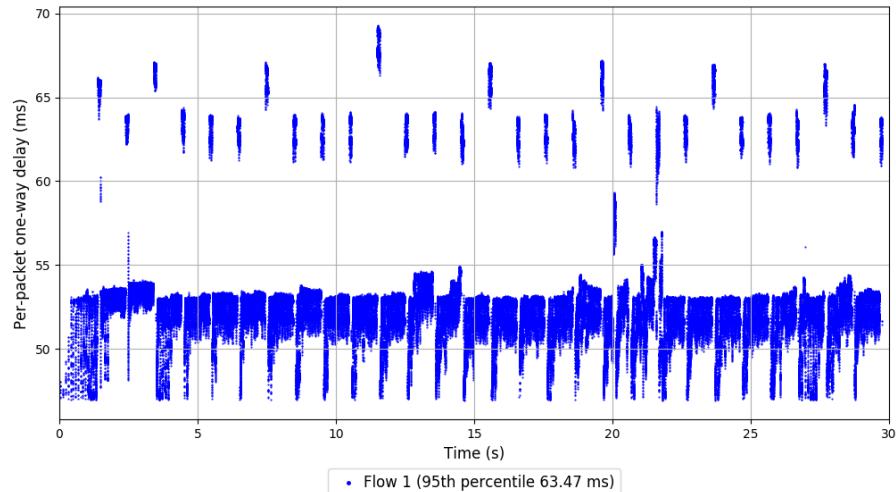
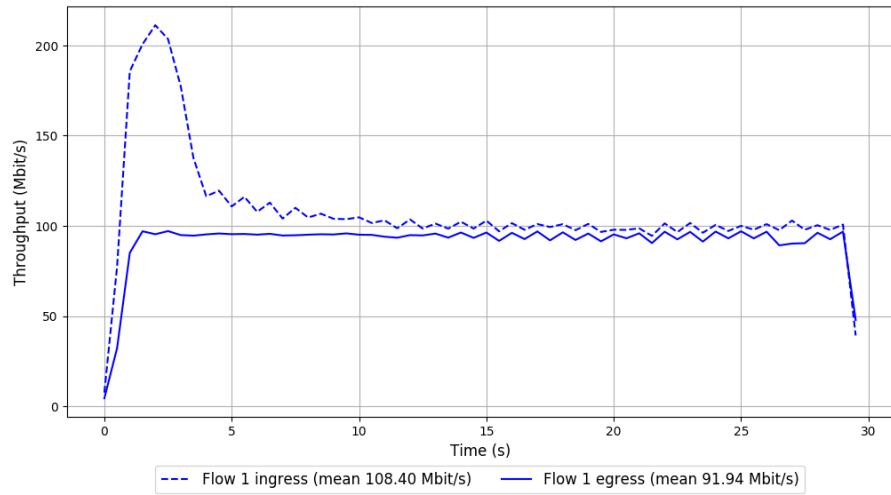


Run 4: Statistics of Indigo-calib

```
Start at: 2017-11-16 00:35:28
End at: 2017-11-16 00:35:58
Local clock offset: -3.473 ms
Remote clock offset: -7.959 ms

# Below is generated by plot.py at 2017-11-16 03:10:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.94 Mbit/s
95th percentile per-packet one-way delay: 63.473 ms
Loss rate: 15.17%
-- Flow 1:
Average throughput: 91.94 Mbit/s
95th percentile per-packet one-way delay: 63.473 ms
Loss rate: 15.17%
```

Run 4: Report of Indigo-calib — Data Link

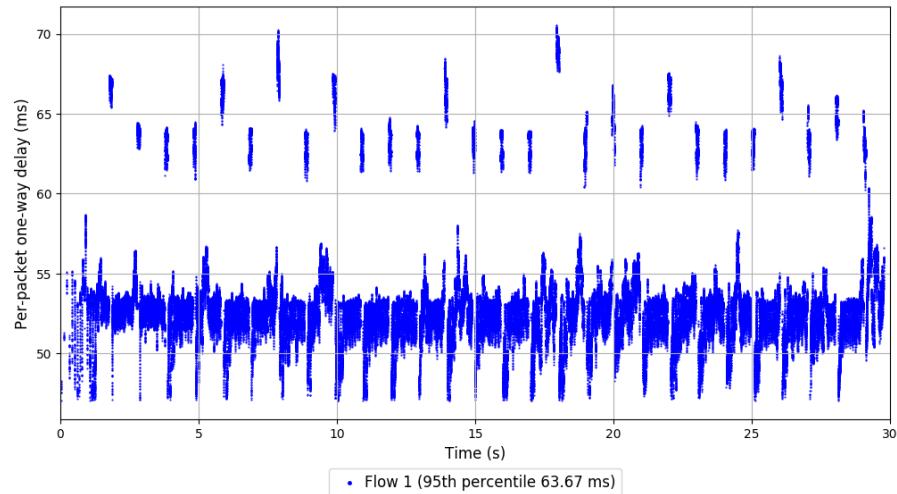
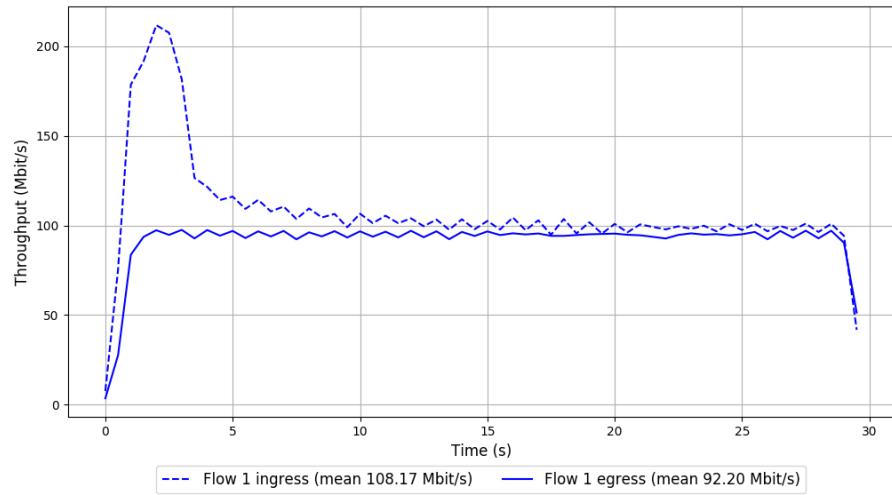


Run 5: Statistics of Indigo-calib

```
Start at: 2017-11-16 00:55:33
End at: 2017-11-16 00:56:03
Local clock offset: -3.279 ms
Remote clock offset: -7.871 ms

# Below is generated by plot.py at 2017-11-16 03:10:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.20 Mbit/s
95th percentile per-packet one-way delay: 63.666 ms
Loss rate: 14.74%
-- Flow 1:
Average throughput: 92.20 Mbit/s
95th percentile per-packet one-way delay: 63.666 ms
Loss rate: 14.74%
```

Run 5: Report of Indigo-calib — Data Link

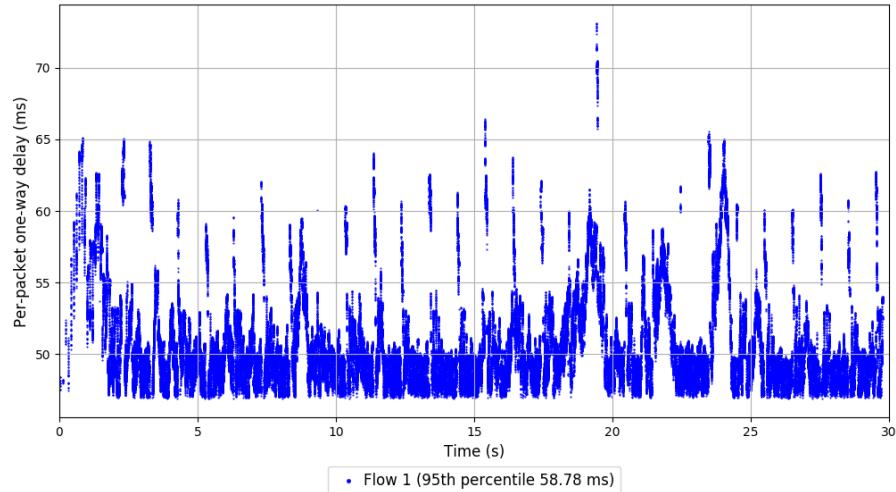
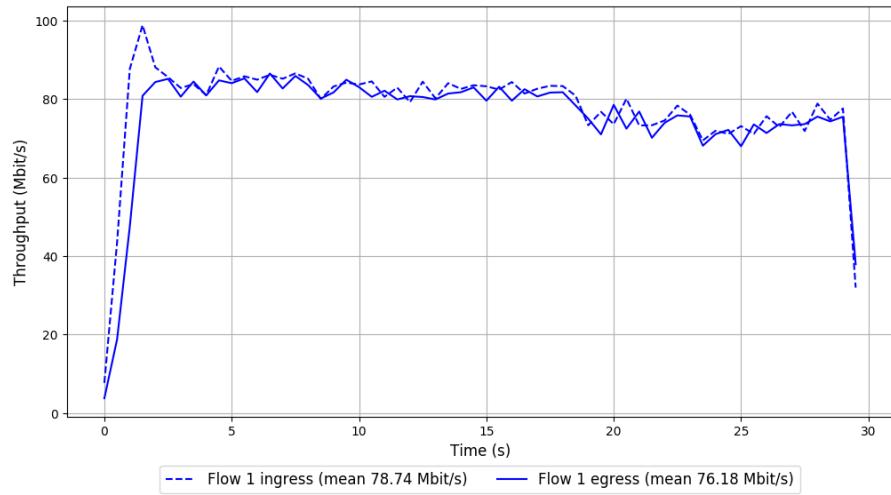


Run 6: Statistics of Indigo-calib

```
Start at: 2017-11-16 01:14:19
End at: 2017-11-16 01:14:49
Local clock offset: -2.83 ms
Remote clock offset: -8.234 ms

# Below is generated by plot.py at 2017-11-16 03:10:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.18 Mbit/s
95th percentile per-packet one-way delay: 58.780 ms
Loss rate: 3.24%
-- Flow 1:
Average throughput: 76.18 Mbit/s
95th percentile per-packet one-way delay: 58.780 ms
Loss rate: 3.24%
```

Run 6: Report of Indigo-calib — Data Link

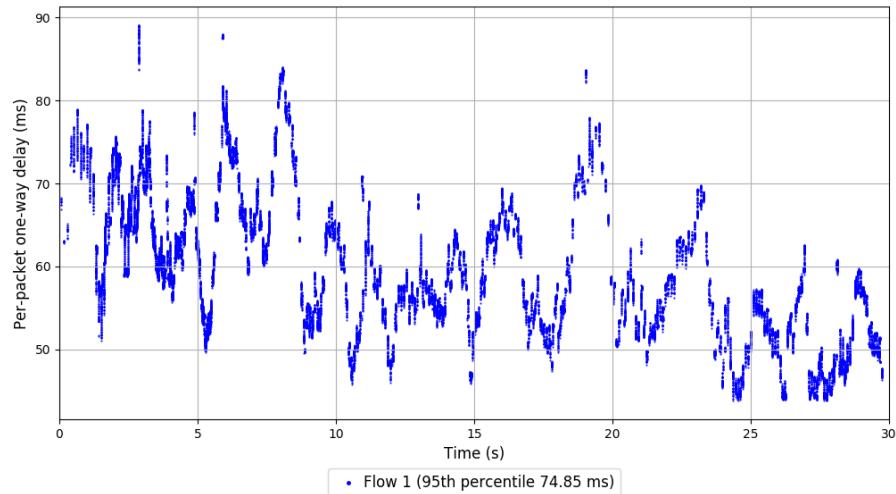
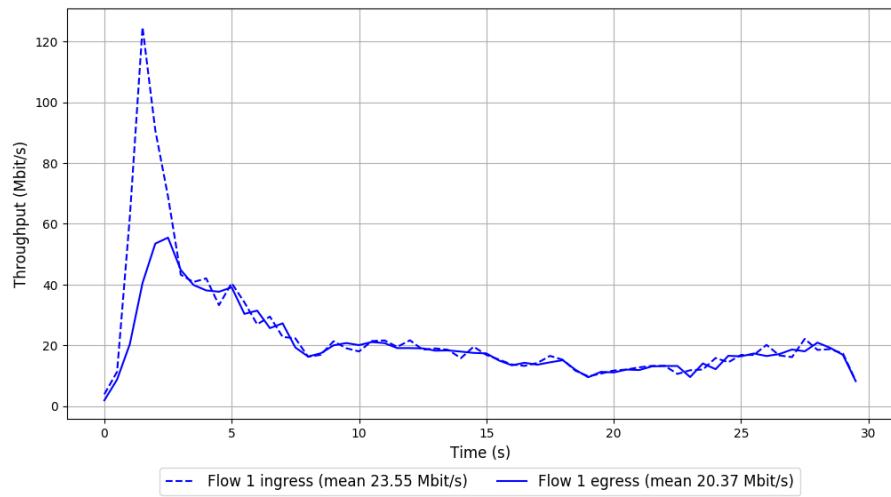


Run 7: Statistics of Indigo-calib

```
Start at: 2017-11-16 01:32:42
End at: 2017-11-16 01:33:12
Local clock offset: -2.013 ms
Remote clock offset: -11.626 ms

# Below is generated by plot.py at 2017-11-16 03:10:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.37 Mbit/s
95th percentile per-packet one-way delay: 74.854 ms
Loss rate: 13.56%
-- Flow 1:
Average throughput: 20.37 Mbit/s
95th percentile per-packet one-way delay: 74.854 ms
Loss rate: 13.56%
```

Run 7: Report of Indigo-calib — Data Link

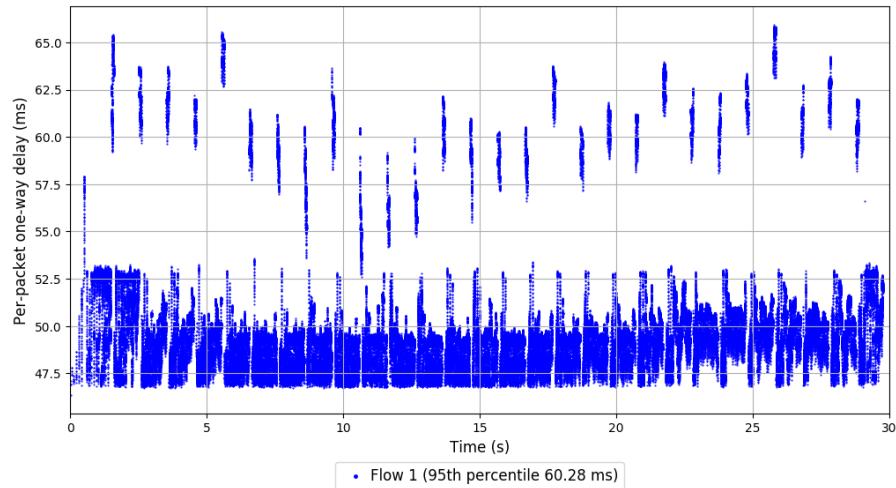
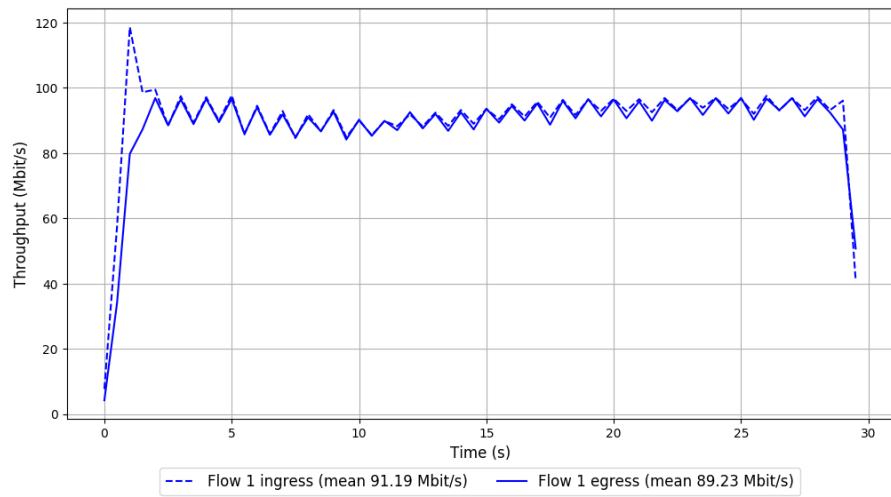


Run 8: Statistics of Indigo-calib

```
Start at: 2017-11-16 01:51:27
End at: 2017-11-16 01:51:57
Local clock offset: -1.343 ms
Remote clock offset: -8.441 ms

# Below is generated by plot.py at 2017-11-16 03:10:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 60.281 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 60.281 ms
Loss rate: 2.13%
```

Run 8: Report of Indigo-calib — Data Link

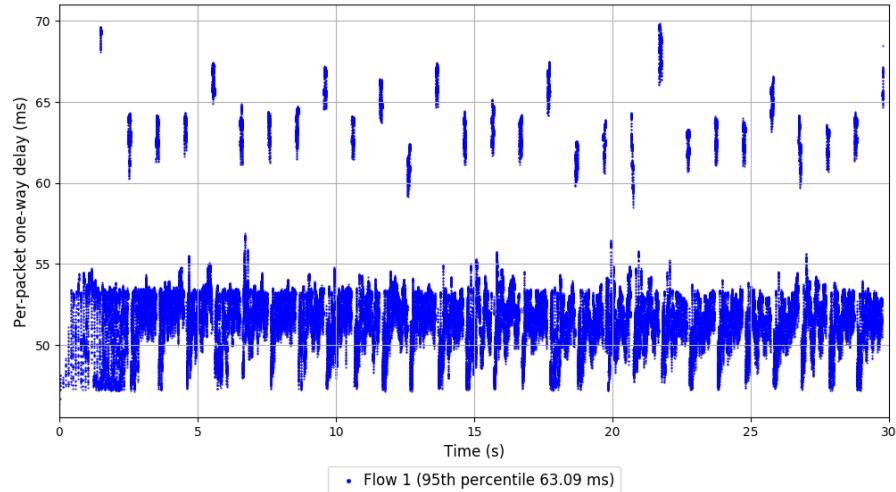
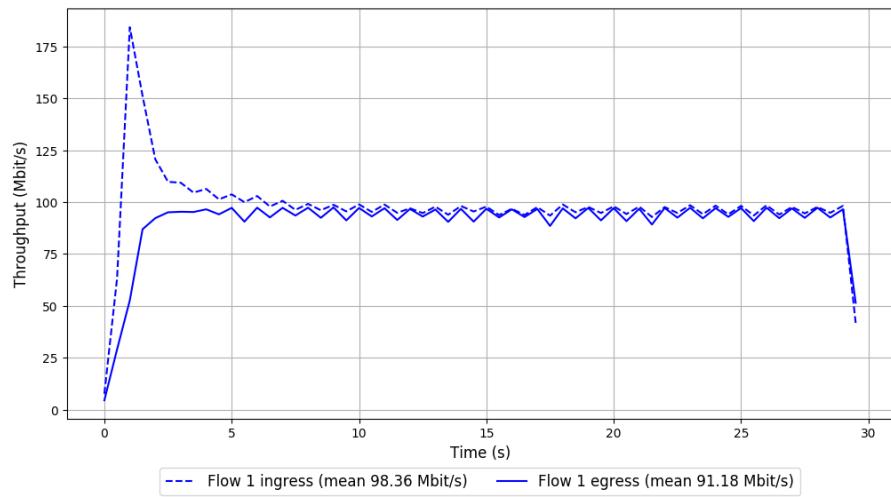


Run 9: Statistics of Indigo-calib

```
Start at: 2017-11-16 02:09:54
End at: 2017-11-16 02:10:24
Local clock offset: -1.018 ms
Remote clock offset: -8.66 ms

# Below is generated by plot.py at 2017-11-16 03:10:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.18 Mbit/s
95th percentile per-packet one-way delay: 63.093 ms
Loss rate: 7.23%
-- Flow 1:
Average throughput: 91.18 Mbit/s
95th percentile per-packet one-way delay: 63.093 ms
Loss rate: 7.23%
```

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

```
Start at: 2017-11-16 02:28:56
End at: 2017-11-16 02:29:26
Local clock offset: -0.56 ms
Remote clock offset: -8.226 ms

# Below is generated by plot.py at 2017-11-16 03:10:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.67 Mbit/s
95th percentile per-packet one-way delay: 80.736 ms
Loss rate: 10.85%
-- Flow 1:
Average throughput: 34.67 Mbit/s
95th percentile per-packet one-way delay: 80.736 ms
Loss rate: 10.85%
```

Run 10: Report of Indigo-calib — Data Link

