

## Pantheon Report

Generated at 2018-07-10 18:45:29 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

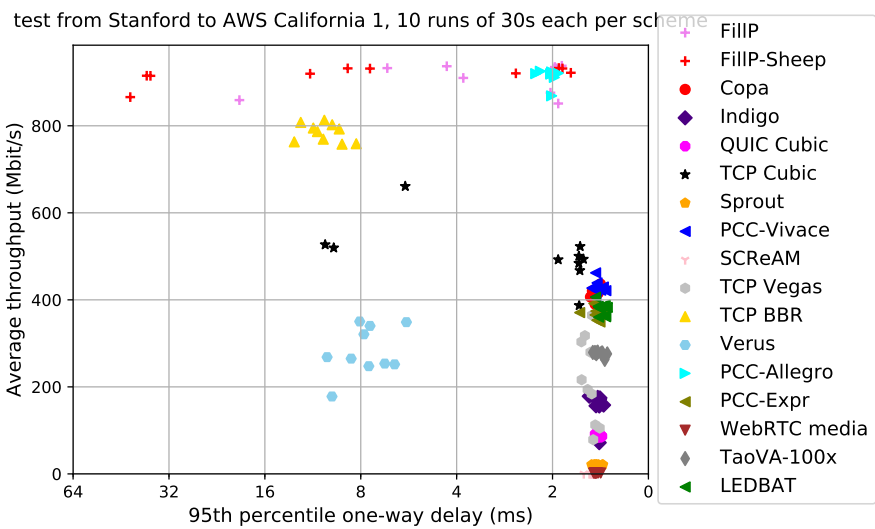
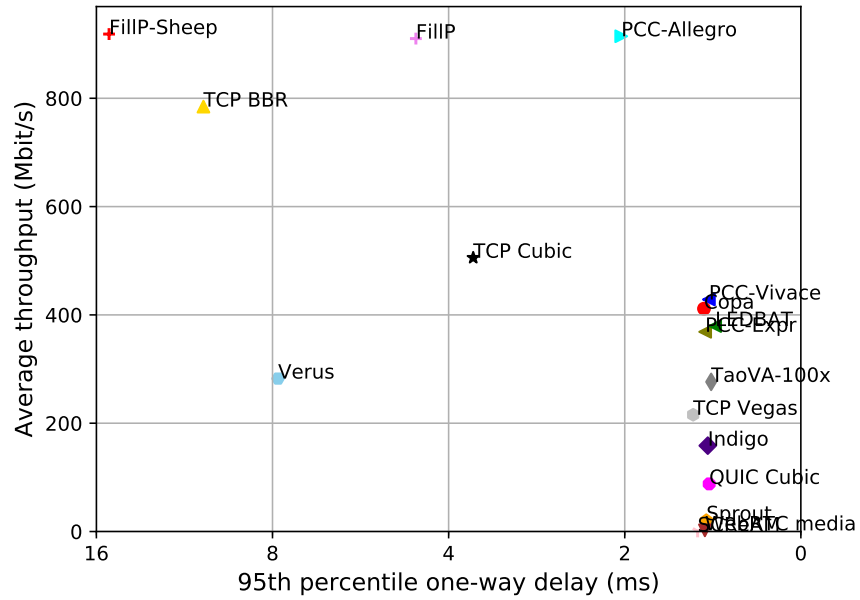
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
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/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from Stanford to AWS California 1, 10 runs of 30s each per scheme  
(mean of all runs by 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     | 784.63                           | 10.50                               | 0.07                         |
| Copa         | 10     | 411.49                           | 1.10                                | 0.06                         |
| TCP Cubic    | 10     | 505.48                           | 3.63                                | 0.07                         |
| FillP        | 10     | 910.22                           | 4.55                                | 0.11                         |
| FillP-Sheep  | 10     | 918.56                           | 15.22                               | 1.02                         |
| Indigo       | 10     | 158.57                           | 1.06                                | 0.07                         |
| LEDBAT       | 10     | 379.44                           | 0.97                                | 0.07                         |
| PCC-Allegro  | 10     | 914.53                           | 2.03                                | 0.07                         |
| PCC-Expr     | 10     | 368.77                           | 1.09                                | 0.07                         |
| QUIC Cubic   | 10     | 87.97                            | 1.04                                | 0.07                         |
| SCReAM       | 10     | 0.22                             | 1.17                                | 0.12                         |
| Sprout       | 10     | 20.89                            | 1.07                                | 0.08                         |
| TaoVA-100x   | 10     | 276.35                           | 1.02                                | 0.06                         |
| TCP Vegas    | 10     | 215.61                           | 1.22                                | 0.04                         |
| Verus        | 10     | 282.40                           | 7.83                                | 0.09                         |
| PCC-Vivace   | 10     | 428.48                           | 1.04                                | 0.06                         |
| WebRTC media | 10     | 2.12                             | 1.09                                | 0.07                         |

Run 1: Statistics of TCP BBR

Start at: 2018-07-10 12:16:33

End at: 2018-07-10 12:17:03

Local clock offset: 0.211 ms

Remote clock offset: -0.666 ms

# Below is generated by plot.py at 2018-07-10 16:57:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 757.80 Mbit/s

95th percentile per-packet one-way delay: 9.158 ms

Loss rate: 0.07%

-- Flow 1:

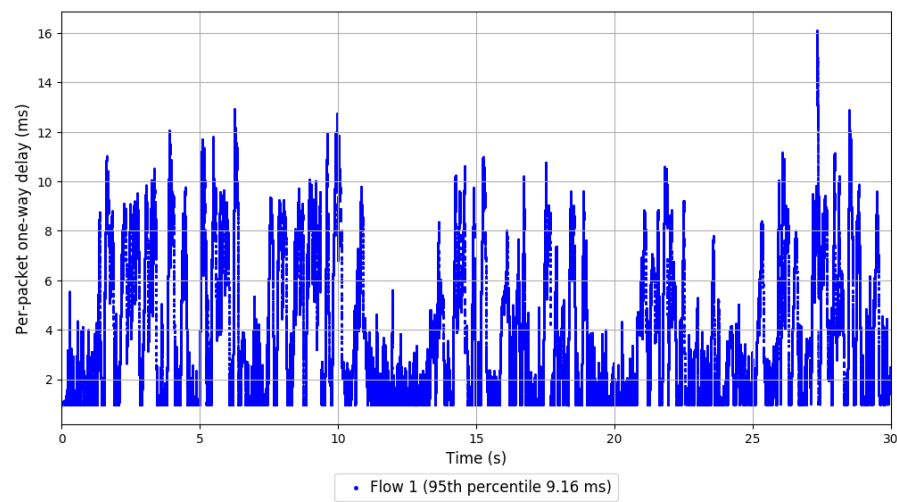
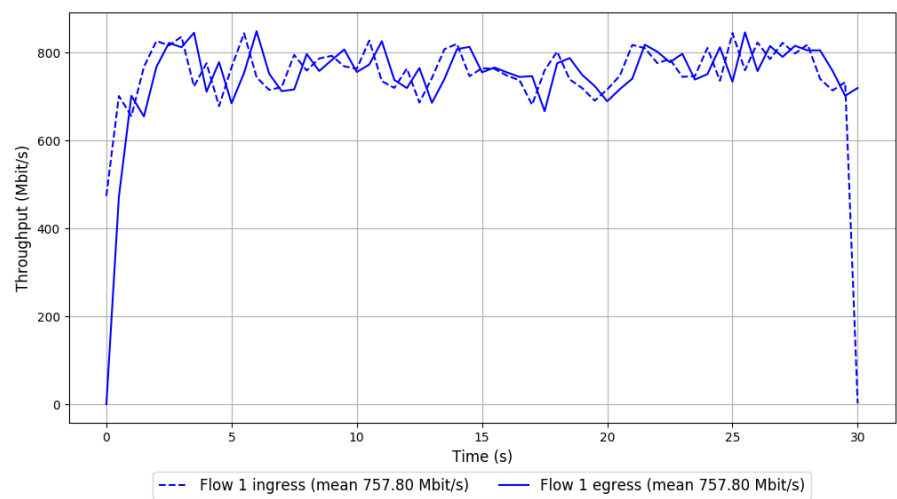
Average throughput: 757.80 Mbit/s

95th percentile per-packet one-way delay: 9.158 ms

Loss rate: 0.07%



Run 1: Report of TCP BBR — Data Link

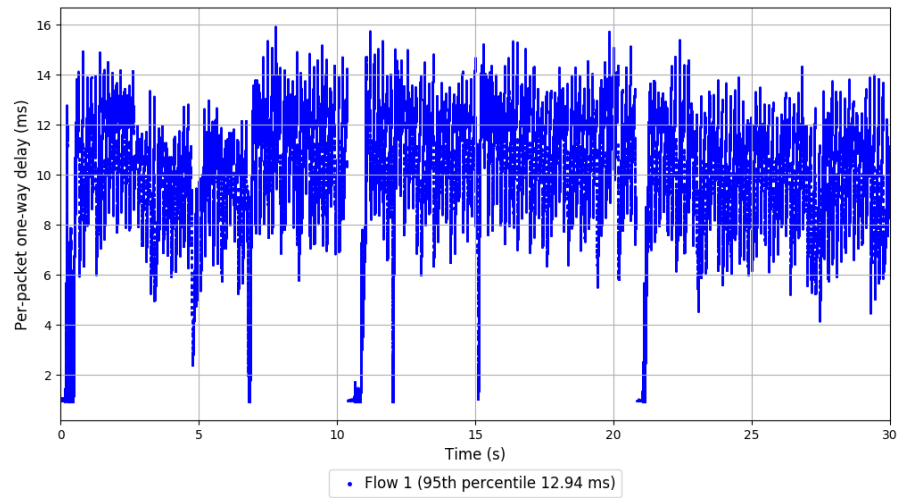
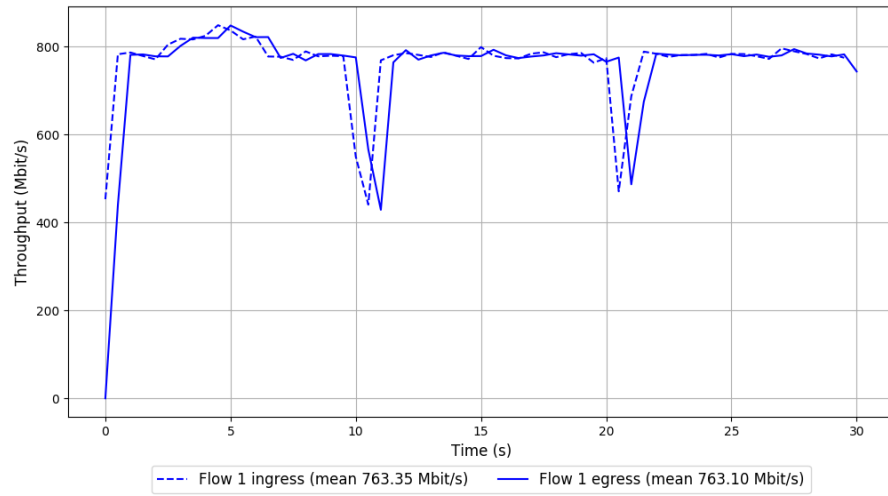


Run 2: Statistics of TCP BBR

Start at: 2018-07-10 12:42:18  
End at: 2018-07-10 12:42:48  
Local clock offset: 0.206 ms  
Remote clock offset: -0.443 ms

# Below is generated by plot.py at 2018-07-10 16:57:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 763.10 Mbit/s  
95th percentile per-packet one-way delay: 12.937 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 763.10 Mbit/s  
95th percentile per-packet one-way delay: 12.937 ms  
Loss rate: 0.10%

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



Run 3: Statistics of TCP BBR

Start at: 2018-07-10 13:08:05

End at: 2018-07-10 13:08:35

Local clock offset: 0.373 ms

Remote clock offset: -3.804 ms

# Below is generated by plot.py at 2018-07-10 16:57:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 758.80 Mbit/s

95th percentile per-packet one-way delay: 8.263 ms

Loss rate: 0.07%

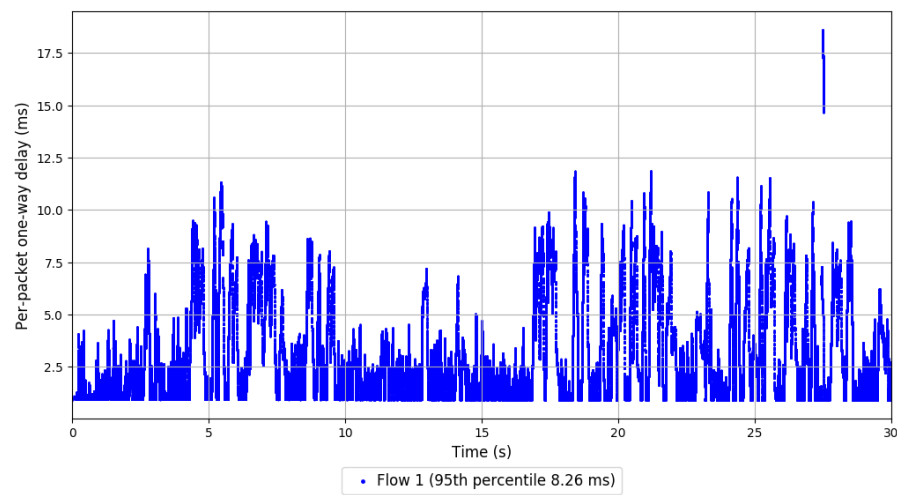
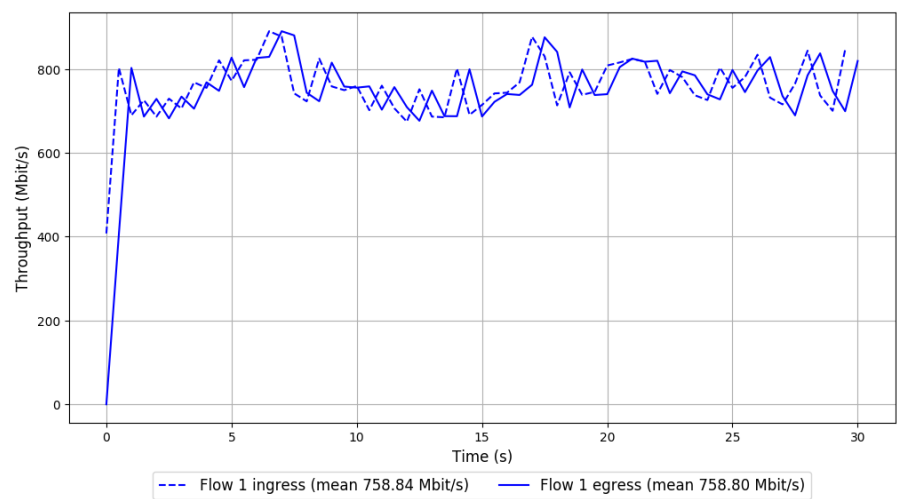
-- Flow 1:

Average throughput: 758.80 Mbit/s

95th percentile per-packet one-way delay: 8.263 ms

Loss rate: 0.07%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-07-10 13:33:58

End at: 2018-07-10 13:34:28

Local clock offset: 0.48 ms

Remote clock offset: -0.817 ms

# Below is generated by plot.py at 2018-07-10 16:58:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 812.77 Mbit/s

95th percentile per-packet one-way delay: 10.408 ms

Loss rate: 0.08%

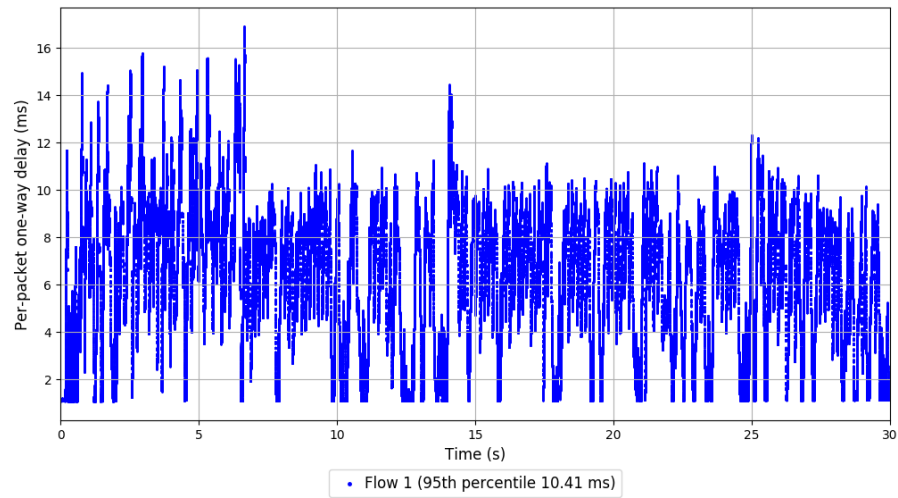
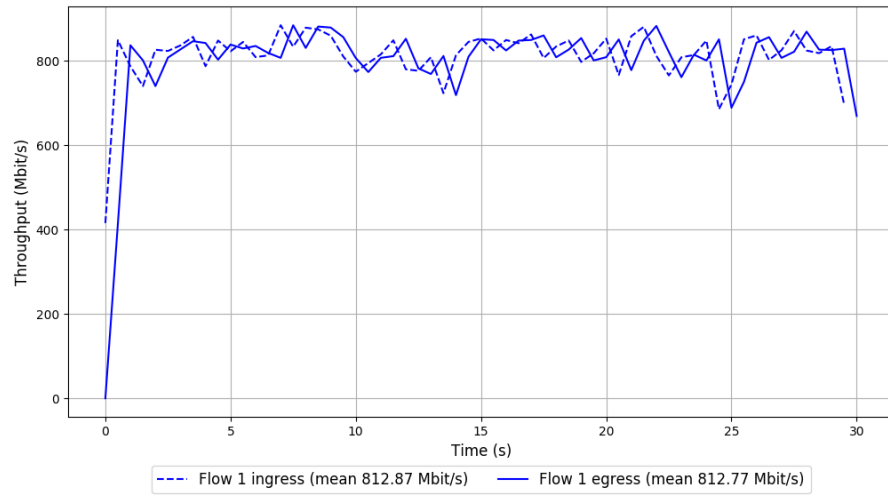
-- Flow 1:

Average throughput: 812.77 Mbit/s

95th percentile per-packet one-way delay: 10.408 ms

Loss rate: 0.08%

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



Run 5: Statistics of TCP BBR

Start at: 2018-07-10 13:59:55

End at: 2018-07-10 14:00:25

Local clock offset: 0.491 ms

Remote clock offset: 0.601 ms

# Below is generated by plot.py at 2018-07-10 16:58:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 792.72 Mbit/s

95th percentile per-packet one-way delay: 9.347 ms

Loss rate: 0.09%

-- Flow 1:

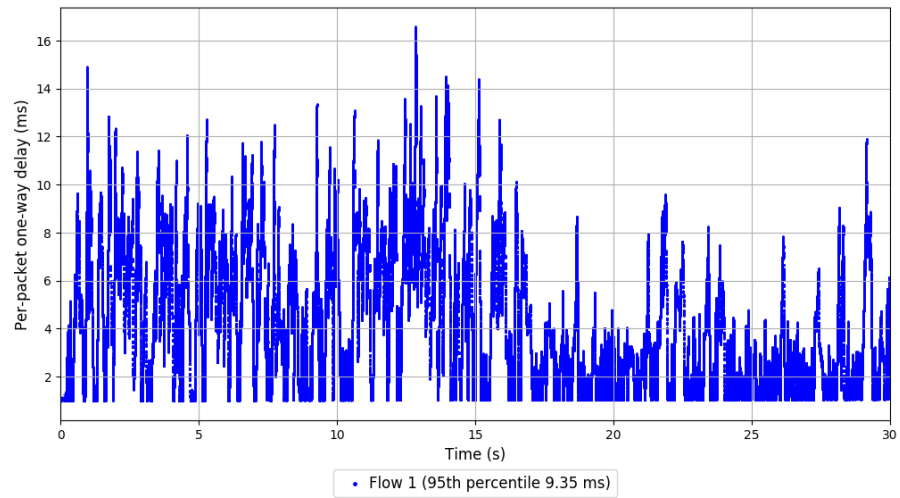
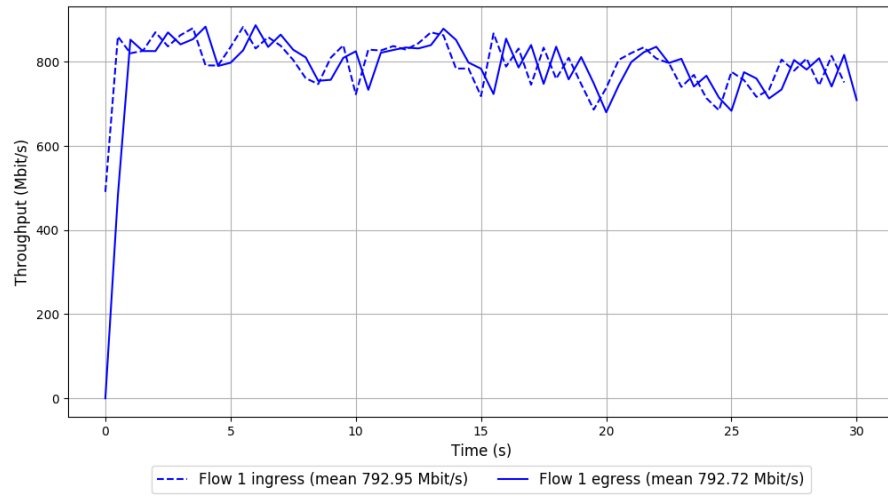
Average throughput: 792.72 Mbit/s

95th percentile per-packet one-way delay: 9.347 ms

Loss rate: 0.09%



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



Run 6: Statistics of TCP BBR

Start at: 2018-07-10 14:25:54

End at: 2018-07-10 14:26:24

Local clock offset: 0.289 ms

Remote clock offset: 1.02 ms

# Below is generated by plot.py at 2018-07-10 16:58:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 807.79 Mbit/s

95th percentile per-packet one-way delay: 12.345 ms

Loss rate: 0.10%

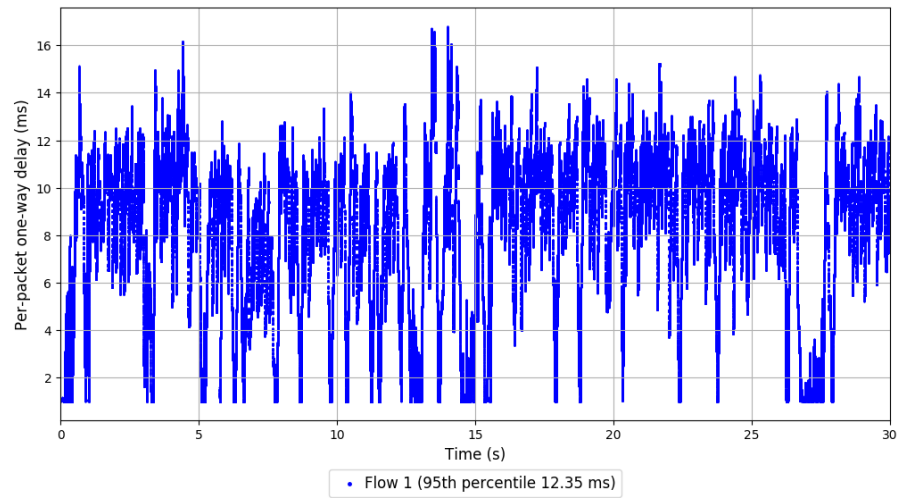
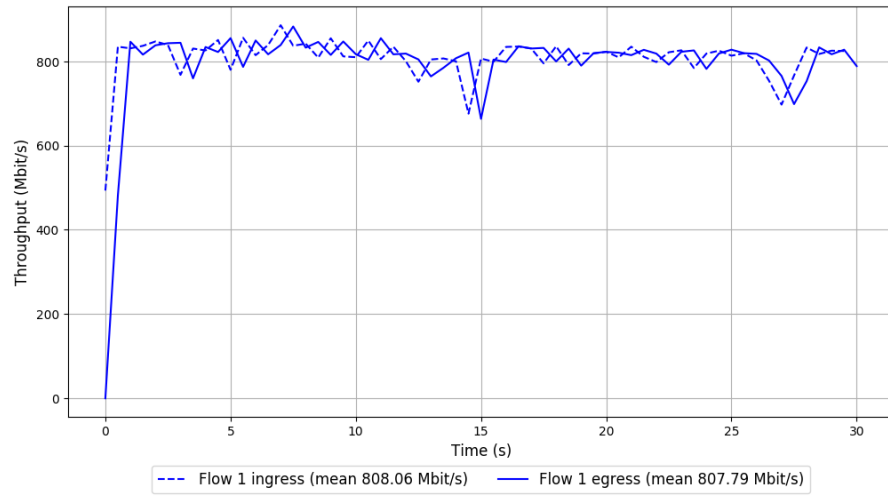
-- Flow 1:

Average throughput: 807.79 Mbit/s

95th percentile per-packet one-way delay: 12.345 ms

Loss rate: 0.10%

# Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-07-10 14:51:30

End at: 2018-07-10 14:52:00

Local clock offset: 0.324 ms

Remote clock offset: 1.118 ms

# Below is generated by plot.py at 2018-07-10 16:58:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 802.47 Mbit/s

95th percentile per-packet one-way delay: 9.835 ms

Loss rate: 0.08%

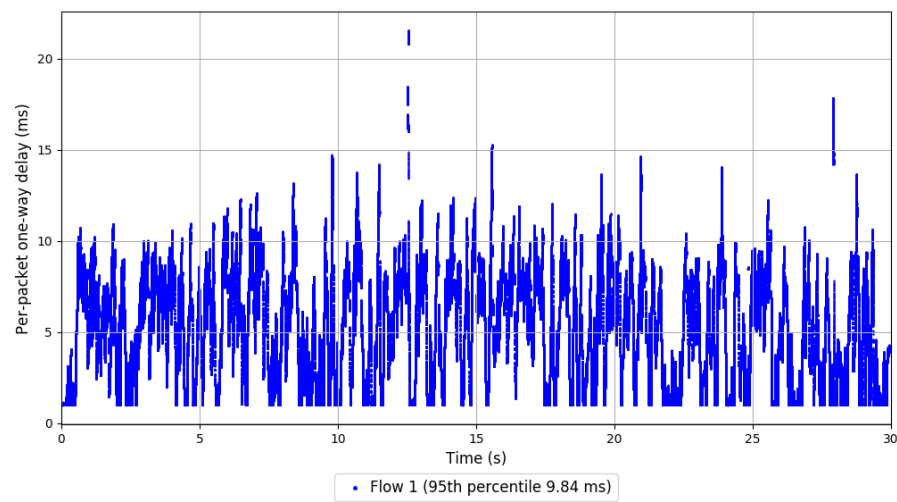
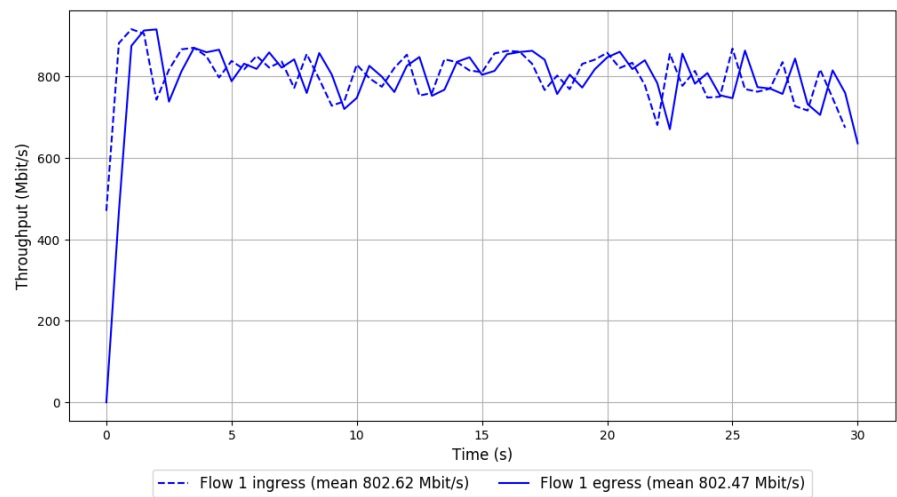
-- Flow 1:

Average throughput: 802.47 Mbit/s

95th percentile per-packet one-way delay: 9.835 ms

Loss rate: 0.08%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-07-10 15:17:21

End at: 2018-07-10 15:17:51

Local clock offset: 0.305 ms

Remote clock offset: 1.161 ms

# Below is generated by plot.py at 2018-07-10 16:58:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 769.28 Mbit/s

95th percentile per-packet one-way delay: 10.489 ms

Loss rate: 0.01%

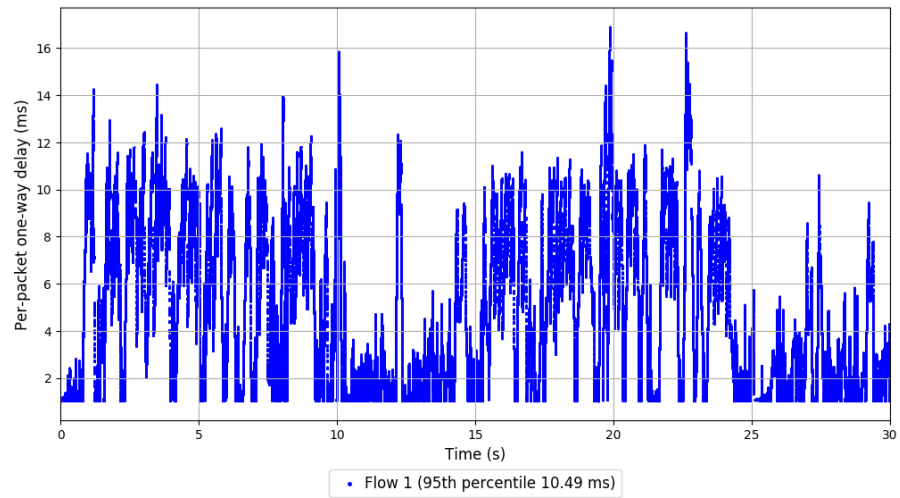
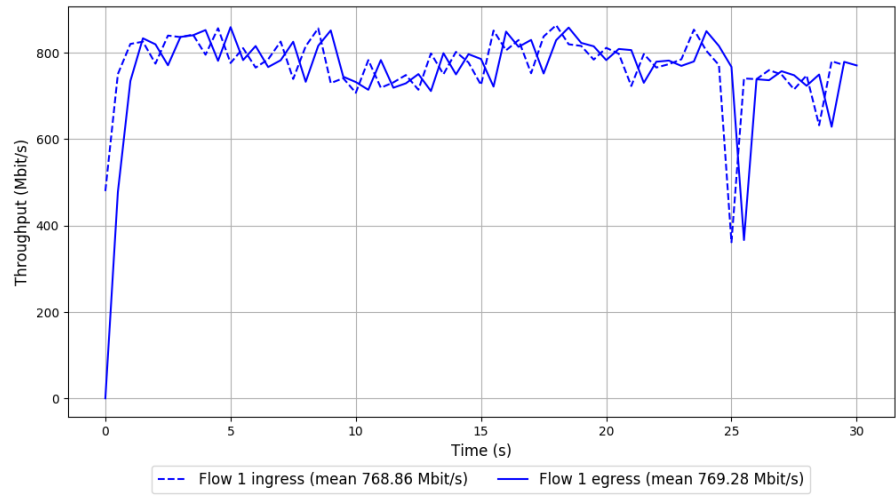
-- Flow 1:

Average throughput: 769.28 Mbit/s

95th percentile per-packet one-way delay: 10.489 ms

Loss rate: 0.01%

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



Run 9: Statistics of TCP BBR

Start at: 2018-07-10 15:43:18

End at: 2018-07-10 15:43:48

Local clock offset: 0.201 ms

Remote clock offset: 1.177 ms

# Below is generated by plot.py at 2018-07-10 17:06:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 794.86 Mbit/s

95th percentile per-packet one-way delay: 11.271 ms

Loss rate: 0.08%

-- Flow 1:

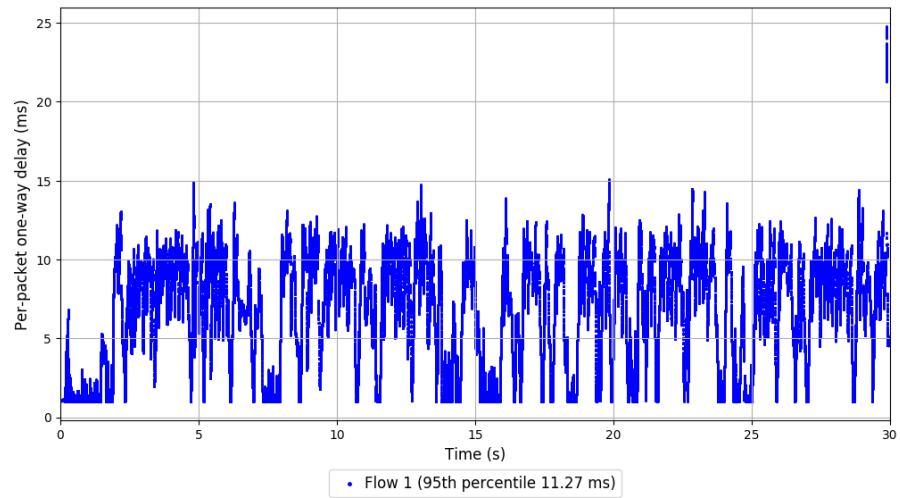
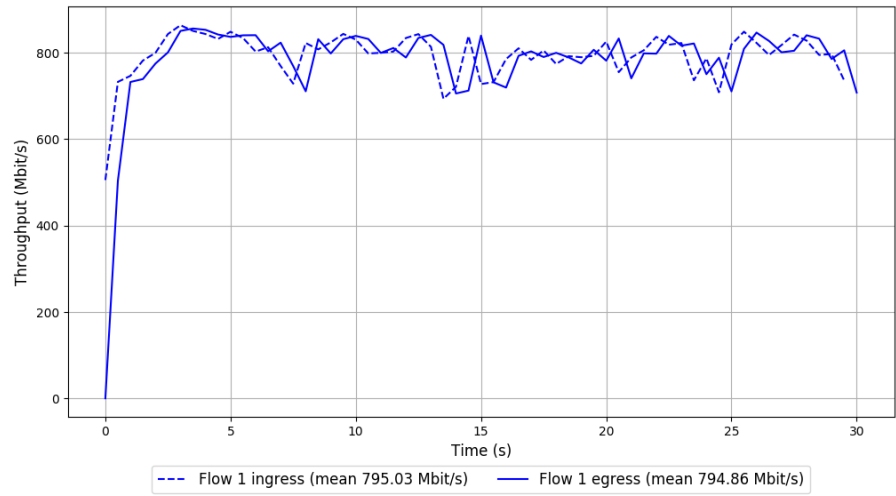
Average throughput: 794.86 Mbit/s

95th percentile per-packet one-way delay: 11.271 ms

Loss rate: 0.08%



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



Run 10: Statistics of TCP BBR

Start at: 2018-07-10 16:09:09

End at: 2018-07-10 16:09:39

Local clock offset: -0.244 ms

Remote clock offset: 1.191 ms

# Below is generated by plot.py at 2018-07-10 17:06:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 786.72 Mbit/s

95th percentile per-packet one-way delay: 10.937 ms

Loss rate: 0.07%

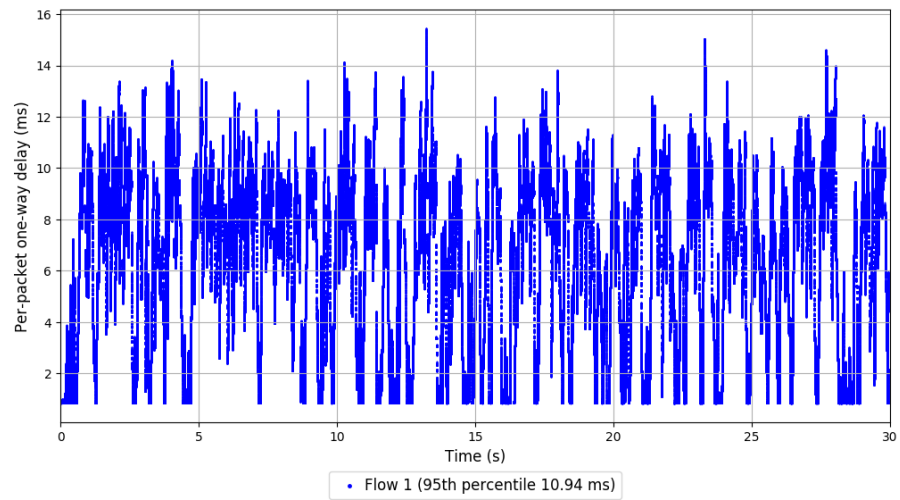
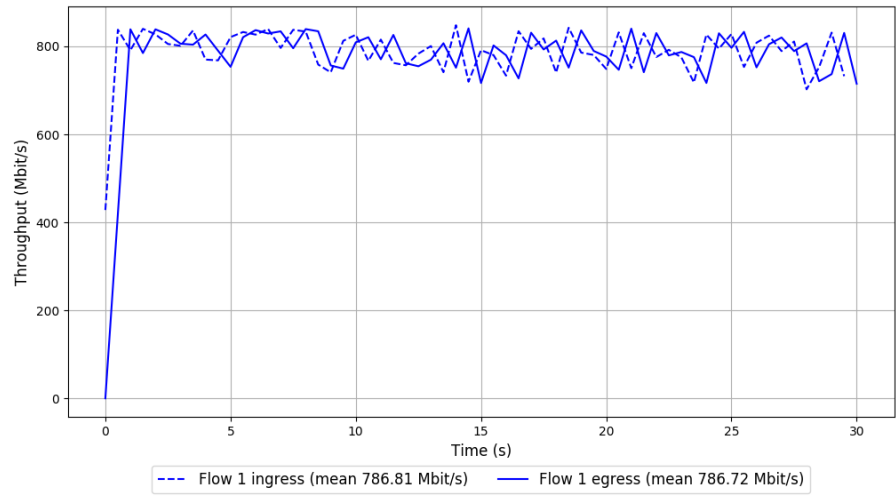
-- Flow 1:

Average throughput: 786.72 Mbit/s

95th percentile per-packet one-way delay: 10.937 ms

Loss rate: 0.07%

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

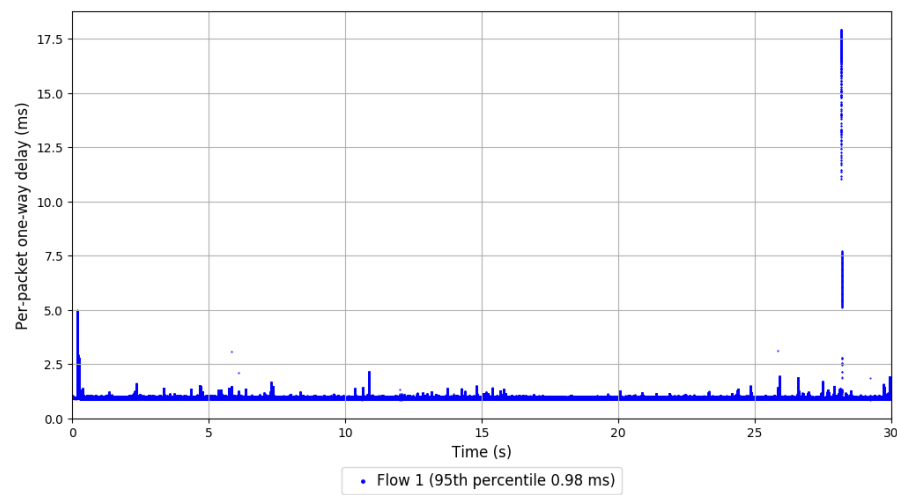
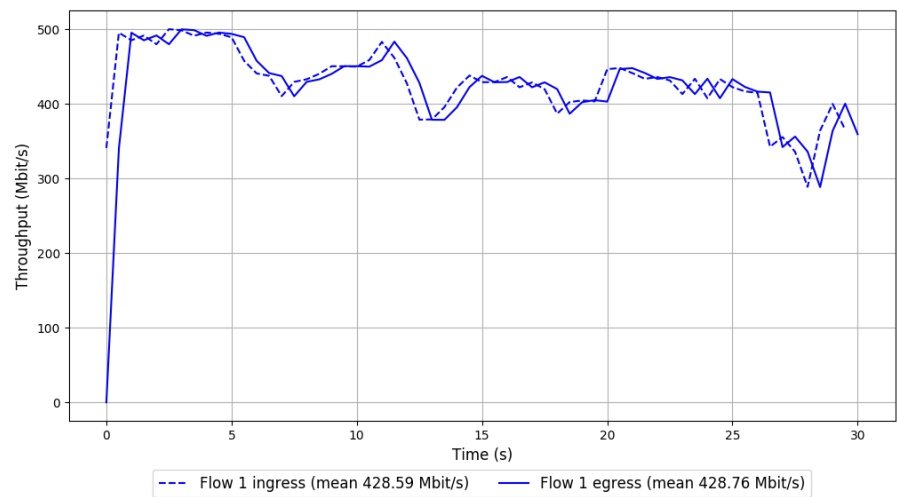


Run 1: Statistics of Copa

Start at: 2018-07-10 12:35:49  
End at: 2018-07-10 12:36:19  
Local clock offset: 0.162 ms  
Remote clock offset: -0.391 ms

# Below is generated by plot.py at 2018-07-10 17:06:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 428.76 Mbit/s  
95th percentile per-packet one-way delay: 0.976 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 428.76 Mbit/s  
95th percentile per-packet one-way delay: 0.976 ms  
Loss rate: 0.03%

Run 1: Report of Copa — Data Link

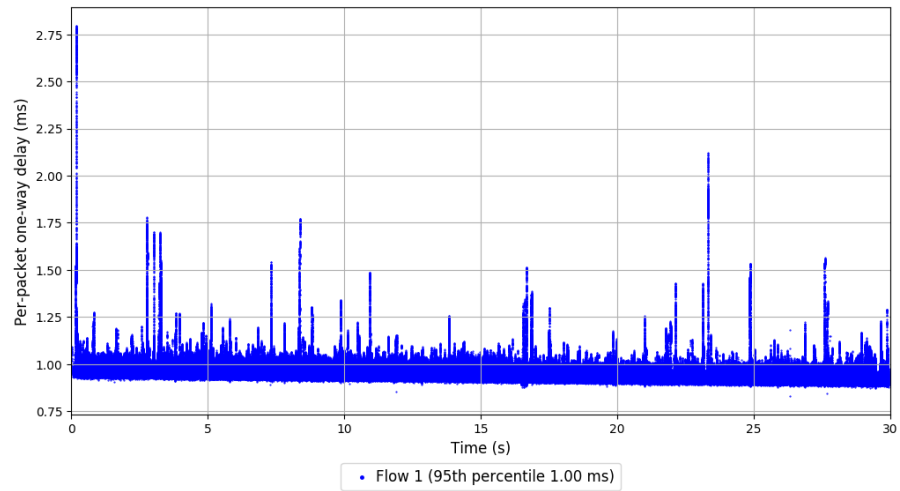
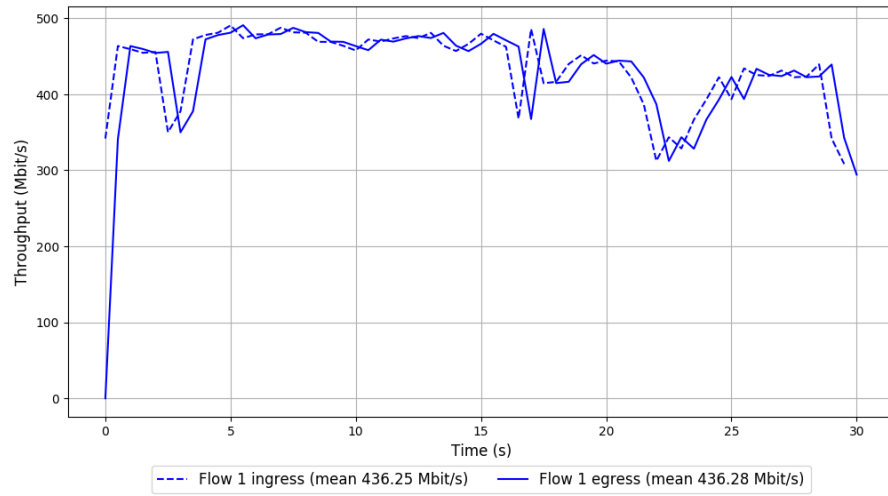


Run 2: Statistics of Copa

Start at: 2018-07-10 13:01:33  
End at: 2018-07-10 13:02:03  
Local clock offset: 0.253 ms  
Remote clock offset: -3.406 ms

# Below is generated by plot.py at 2018-07-10 17:06:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 436.28 Mbit/s  
95th percentile per-packet one-way delay: 1.002 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 436.28 Mbit/s  
95th percentile per-packet one-way delay: 1.002 ms  
Loss rate: 0.05%

## Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-07-10 13:27:28

End at: 2018-07-10 13:27:58

Local clock offset: 0.355 ms

Remote clock offset: -1.591 ms

# Below is generated by plot.py at 2018-07-10 17:06:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 391.26 Mbit/s

95th percentile per-packet one-way delay: 1.087 ms

Loss rate: 0.07%

-- Flow 1:

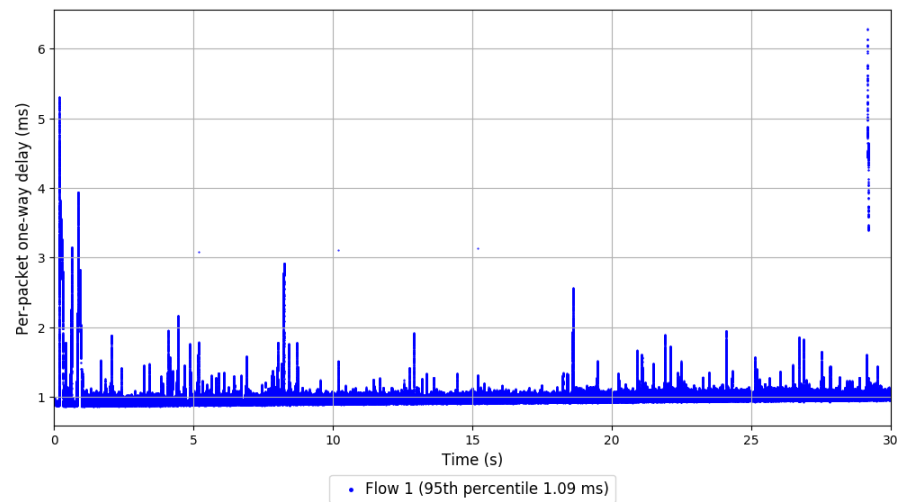
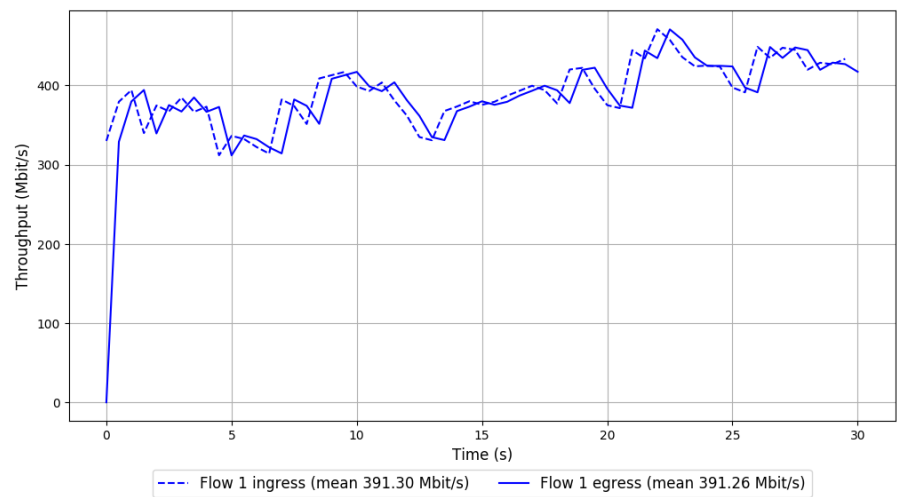
Average throughput: 391.26 Mbit/s

95th percentile per-packet one-way delay: 1.087 ms

Loss rate: 0.07%



Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-07-10 13:53:20

End at: 2018-07-10 13:53:50

Local clock offset: 0.503 ms

Remote clock offset: 0.177 ms

# Below is generated by plot.py at 2018-07-10 17:06:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 407.41 Mbit/s

95th percentile per-packet one-way delay: 1.138 ms

Loss rate: 0.06%

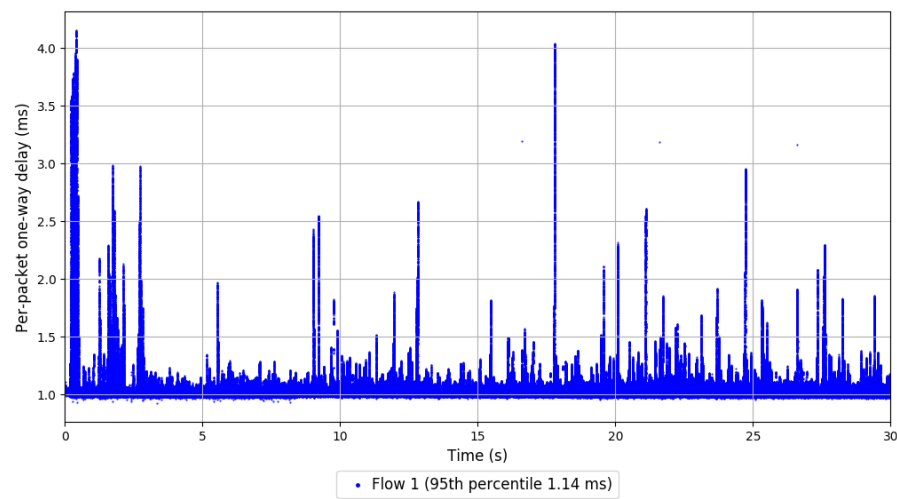
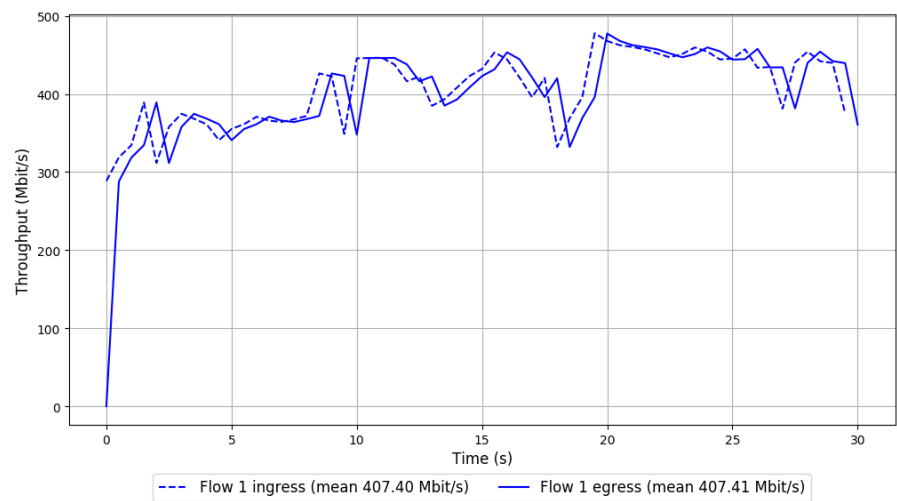
-- Flow 1:

Average throughput: 407.41 Mbit/s

95th percentile per-packet one-way delay: 1.138 ms

Loss rate: 0.06%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-07-10 14:19:26

End at: 2018-07-10 14:19:56

Local clock offset: 0.414 ms

Remote clock offset: 1.112 ms

# Below is generated by plot.py at 2018-07-10 17:06:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 400.39 Mbit/s

95th percentile per-packet one-way delay: 1.106 ms

Loss rate: 0.07%

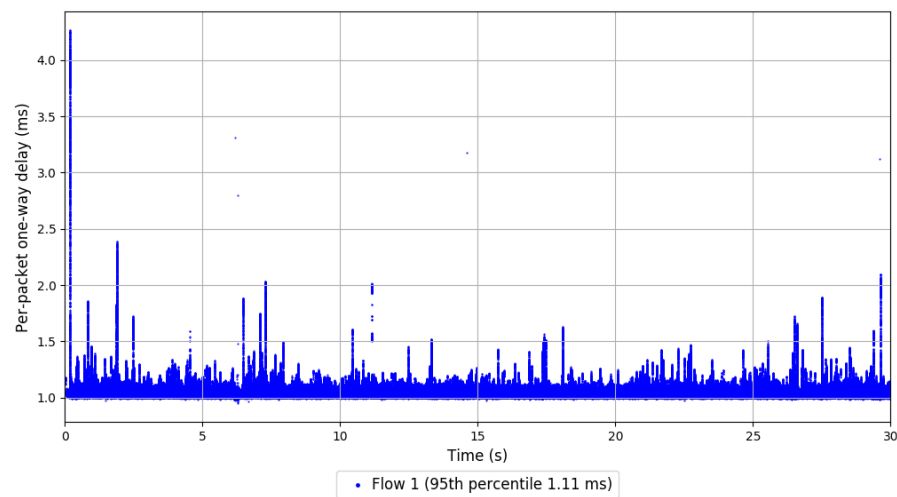
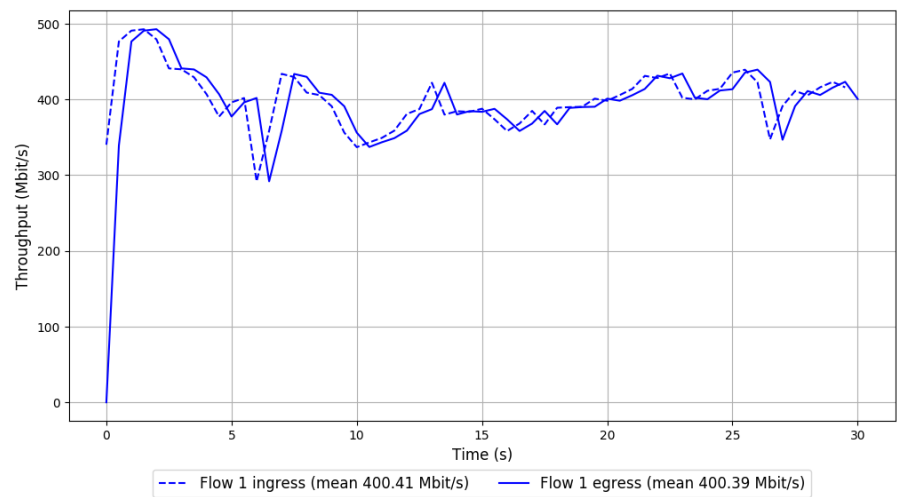
-- Flow 1:

Average throughput: 400.39 Mbit/s

95th percentile per-packet one-way delay: 1.106 ms

Loss rate: 0.07%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-07-10 14:45:06

End at: 2018-07-10 14:45:37

Local clock offset: 0.291 ms

Remote clock offset: 1.062 ms

# Below is generated by plot.py at 2018-07-10 17:06:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 390.17 Mbit/s

95th percentile per-packet one-way delay: 1.112 ms

Loss rate: 0.07%

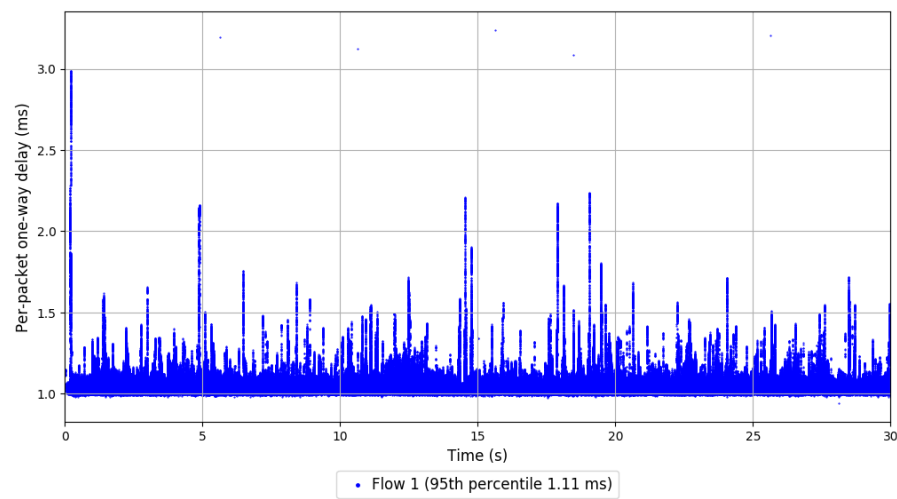
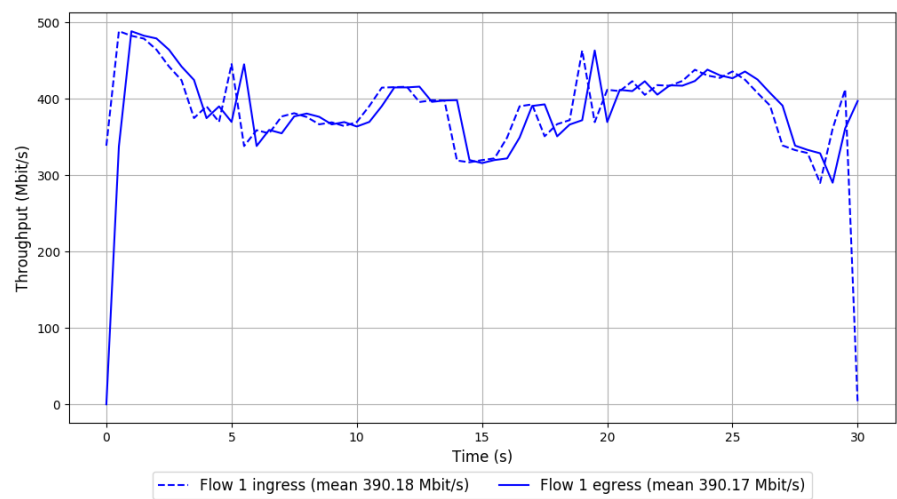
-- Flow 1:

Average throughput: 390.17 Mbit/s

95th percentile per-packet one-way delay: 1.112 ms

Loss rate: 0.07%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-07-10 15:10:51

End at: 2018-07-10 15:11:21

Local clock offset: 0.289 ms

Remote clock offset: 1.14 ms

# Below is generated by plot.py at 2018-07-10 17:14:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 406.67 Mbit/s

95th percentile per-packet one-way delay: 1.208 ms

Loss rate: 0.04%

-- Flow 1:

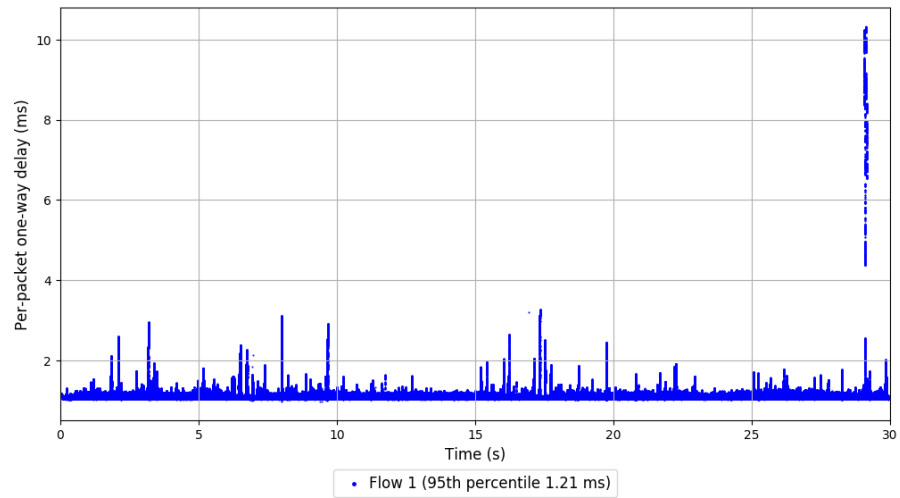
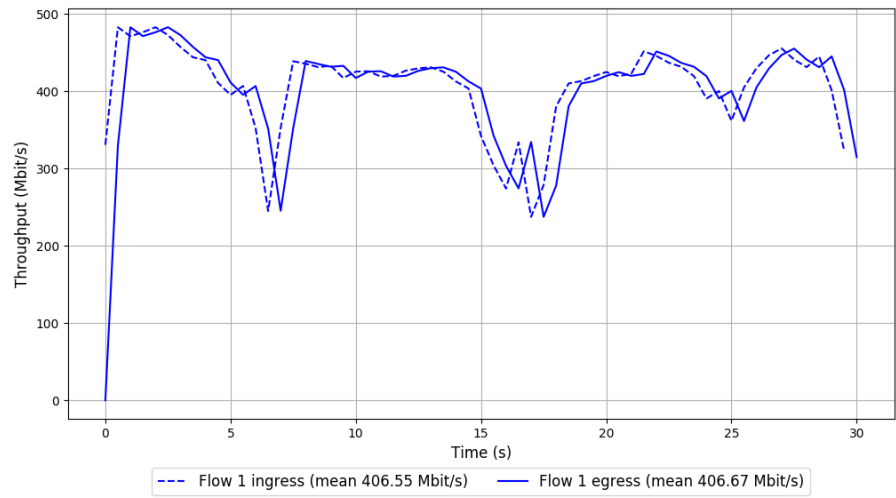
Average throughput: 406.67 Mbit/s

95th percentile per-packet one-way delay: 1.208 ms

Loss rate: 0.04%



## Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-07-10 15:36:45

End at: 2018-07-10 15:37:15

Local clock offset: 0.173 ms

Remote clock offset: 1.24 ms

# Below is generated by plot.py at 2018-07-10 17:14:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 417.66 Mbit/s

95th percentile per-packet one-way delay: 1.158 ms

Loss rate: 0.08%

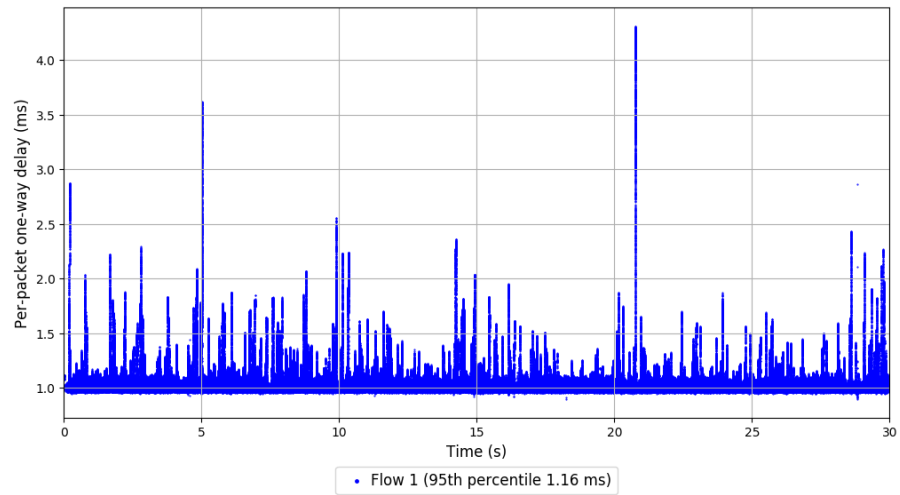
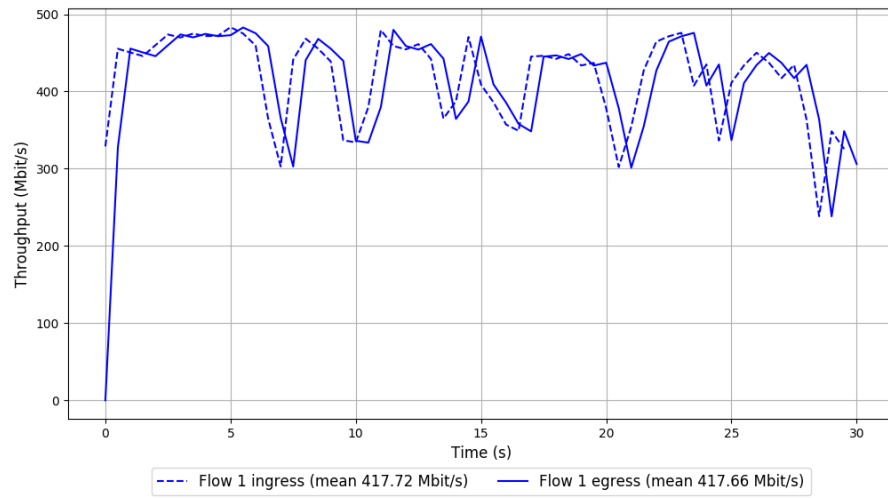
-- Flow 1:

Average throughput: 417.66 Mbit/s

95th percentile per-packet one-way delay: 1.158 ms

Loss rate: 0.08%

### Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-07-10 16:02:39

End at: 2018-07-10 16:03:09

Local clock offset: -0.054 ms

Remote clock offset: 1.229 ms

# Below is generated by plot.py at 2018-07-10 17:15:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 420.69 Mbit/s

95th percentile per-packet one-way delay: 1.168 ms

Loss rate: 0.07%

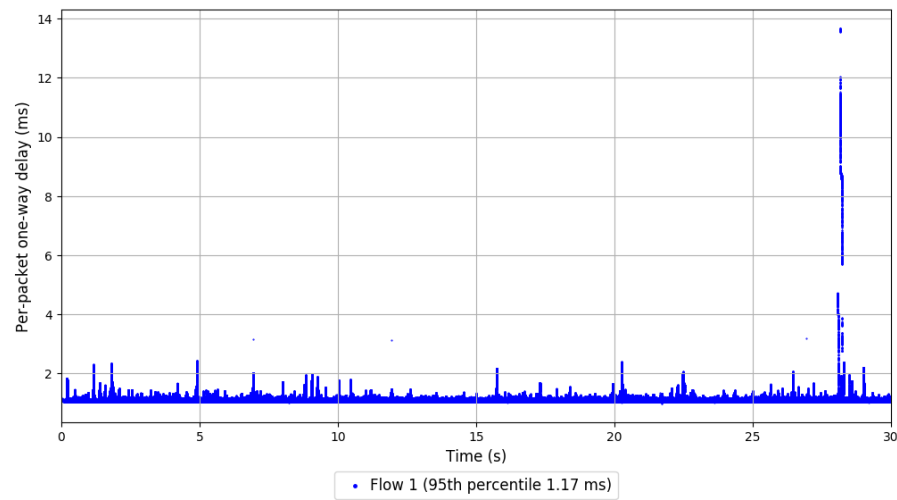
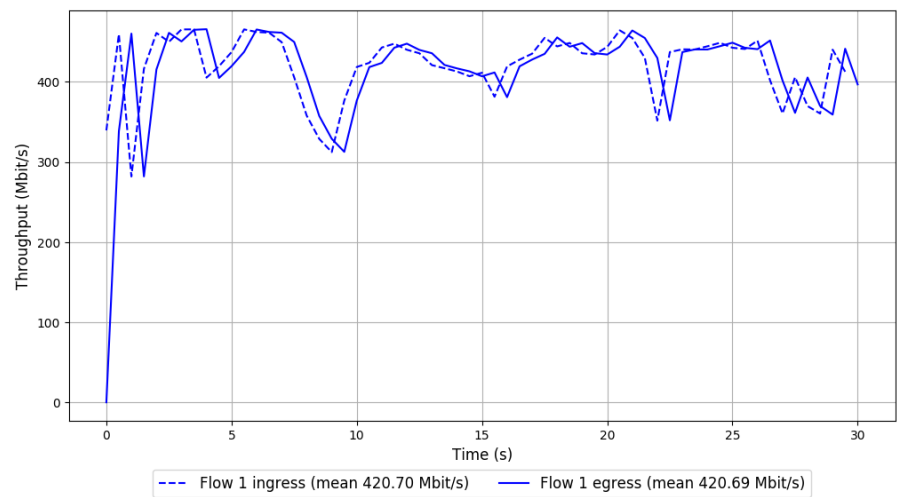
-- Flow 1:

Average throughput: 420.69 Mbit/s

95th percentile per-packet one-way delay: 1.168 ms

Loss rate: 0.07%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-07-10 16:28:31

End at: 2018-07-10 16:29:01

Local clock offset: -0.408 ms

Remote clock offset: 0.62 ms

# Below is generated by plot.py at 2018-07-10 17:15:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 415.60 Mbit/s

95th percentile per-packet one-way delay: 1.046 ms

Loss rate: 0.06%

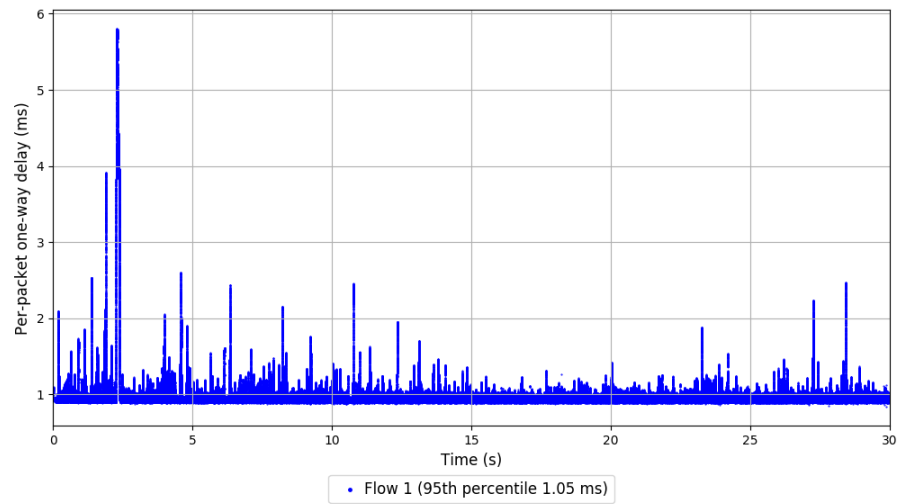
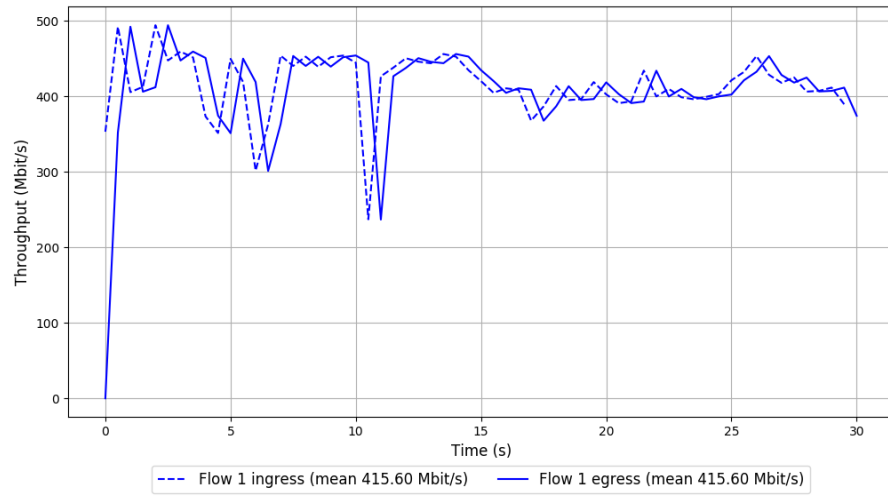
-- Flow 1:

Average throughput: 415.60 Mbit/s

95th percentile per-packet one-way delay: 1.046 ms

Loss rate: 0.06%

### Run 10: Report of Copa — Data Link



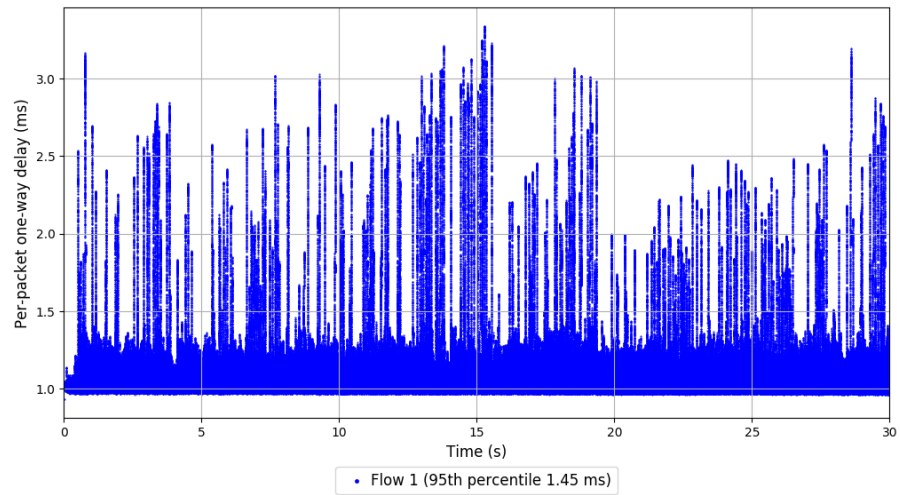
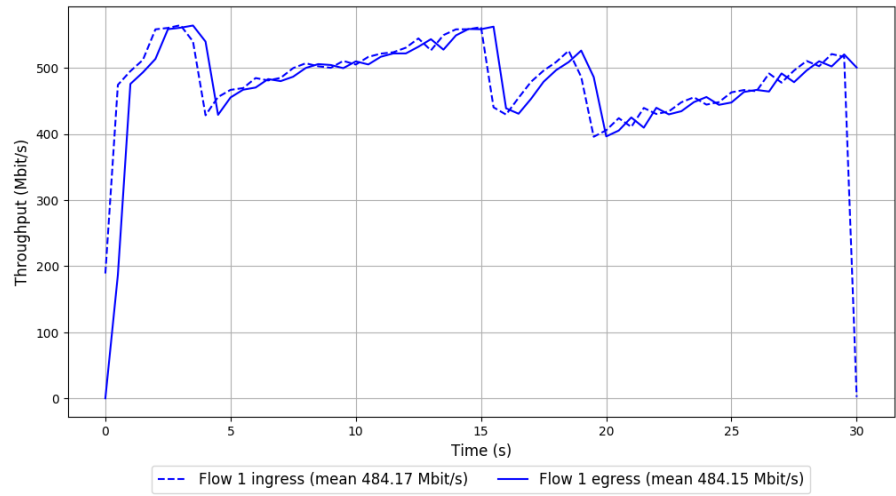
Run 1: Statistics of TCP Cubic

Start at: 2018-07-10 12:39:07  
End at: 2018-07-10 12:39:37  
Local clock offset: 0.269 ms  
Remote clock offset: -0.379 ms

# Below is generated by plot.py at 2018-07-10 17:15:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 484.15 Mbit/s  
95th percentile per-packet one-way delay: 1.451 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 484.15 Mbit/s  
95th percentile per-packet one-way delay: 1.451 ms  
Loss rate: 0.07%



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



Run 2: Statistics of TCP Cubic

Start at: 2018-07-10 13:04:53

End at: 2018-07-10 13:05:23

Local clock offset: 0.355 ms

Remote clock offset: -3.67 ms

# Below is generated by plot.py at 2018-07-10 17:15:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 493.59 Mbit/s

95th percentile per-packet one-way delay: 1.356 ms

Loss rate: 0.08%

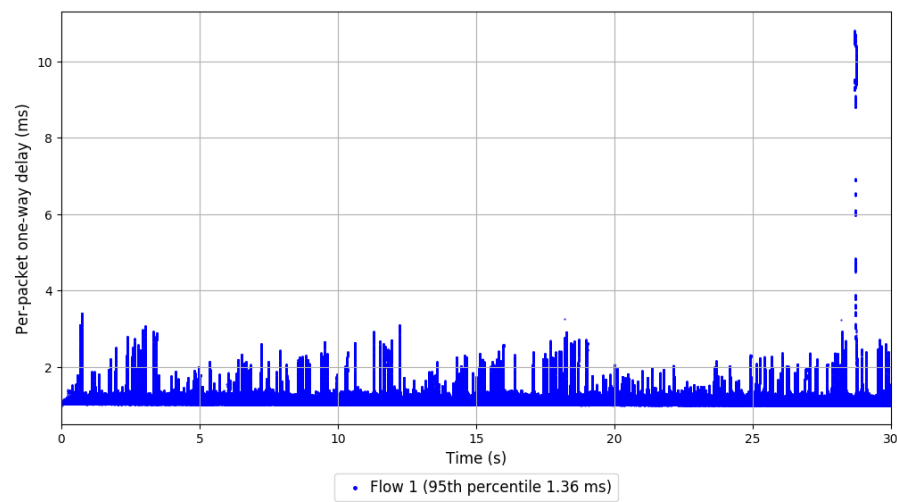
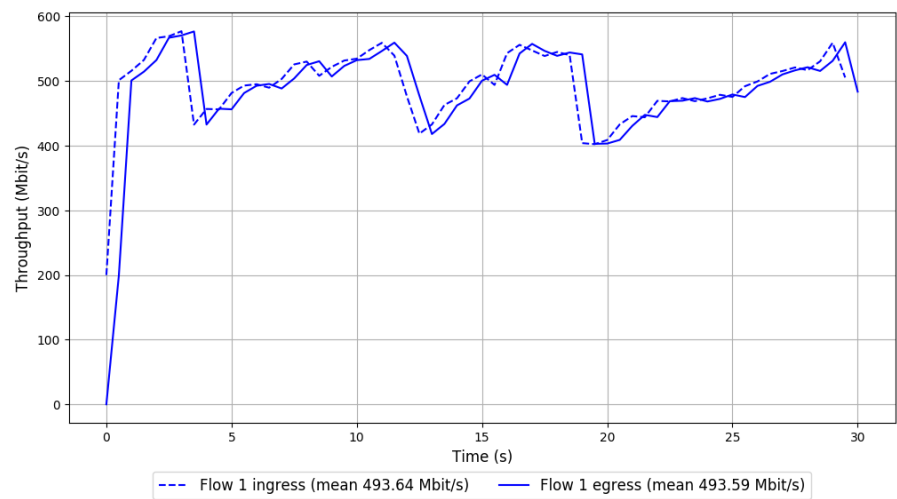
-- Flow 1:

Average throughput: 493.59 Mbit/s

95th percentile per-packet one-way delay: 1.356 ms

Loss rate: 0.08%

Run 2: Report of TCP Cubic — Data Link

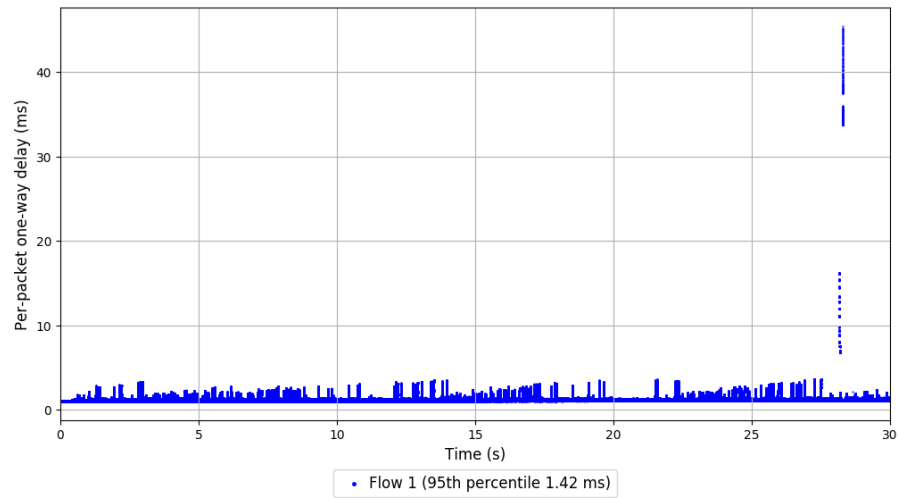
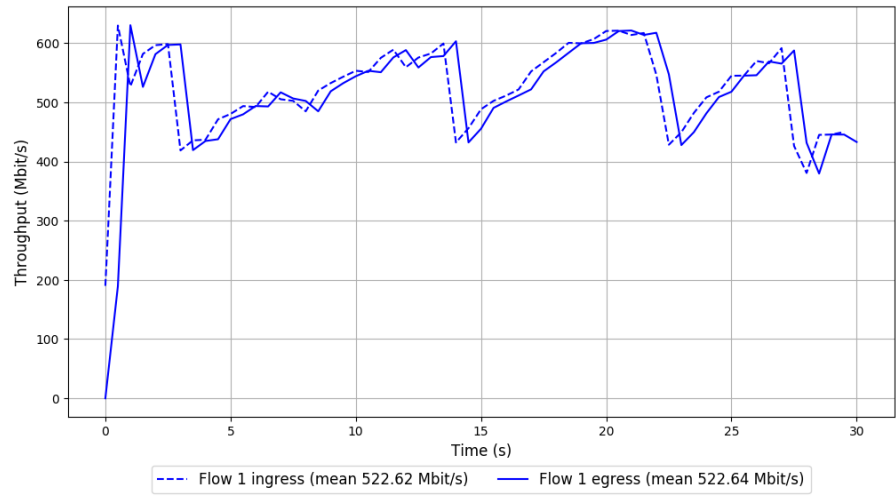


Run 3: Statistics of TCP Cubic

Start at: 2018-07-10 13:30:45  
End at: 2018-07-10 13:31:15  
Local clock offset: 0.366 ms  
Remote clock offset: -1.174 ms

# Below is generated by plot.py at 2018-07-10 17:15:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 522.64 Mbit/s  
95th percentile per-packet one-way delay: 1.424 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 522.64 Mbit/s  
95th percentile per-packet one-way delay: 1.424 ms  
Loss rate: 0.06%

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



Run 4: Statistics of TCP Cubic

Start at: 2018-07-10 13:56:38

End at: 2018-07-10 13:57:08

Local clock offset: 0.523 ms

Remote clock offset: 0.177 ms

# Below is generated by plot.py at 2018-07-10 17:15:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 660.94 Mbit/s

95th percentile per-packet one-way delay: 5.799 ms

Loss rate: 0.05%

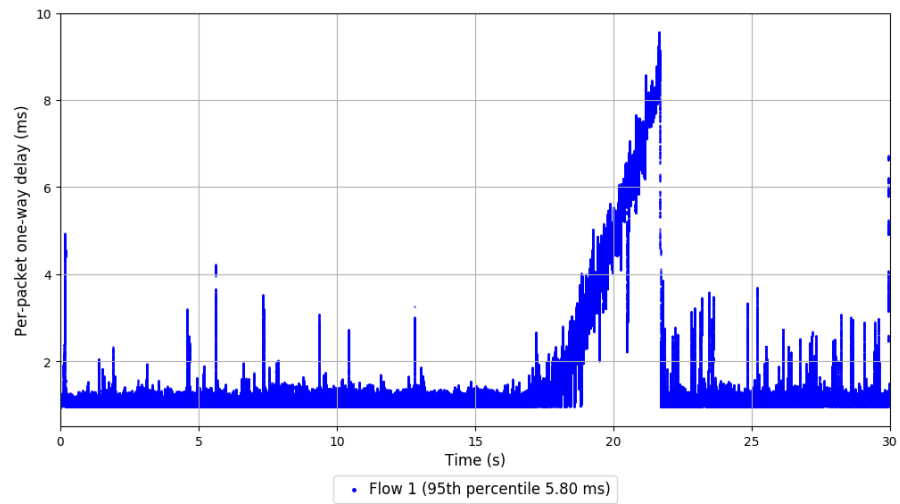
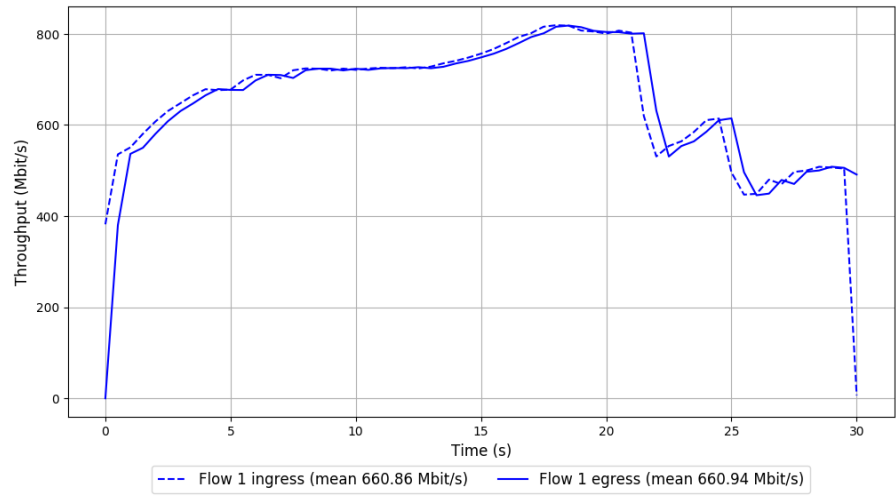
-- Flow 1:

Average throughput: 660.94 Mbit/s

95th percentile per-packet one-way delay: 5.799 ms

Loss rate: 0.05%

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



Run 5: Statistics of TCP Cubic

Start at: 2018-07-10 14:22:43

End at: 2018-07-10 14:23:13

Local clock offset: 0.331 ms

Remote clock offset: 1.092 ms

# Below is generated by plot.py at 2018-07-10 17:17:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 492.32 Mbit/s

95th percentile per-packet one-way delay: 1.882 ms

Loss rate: 0.07%

-- Flow 1:

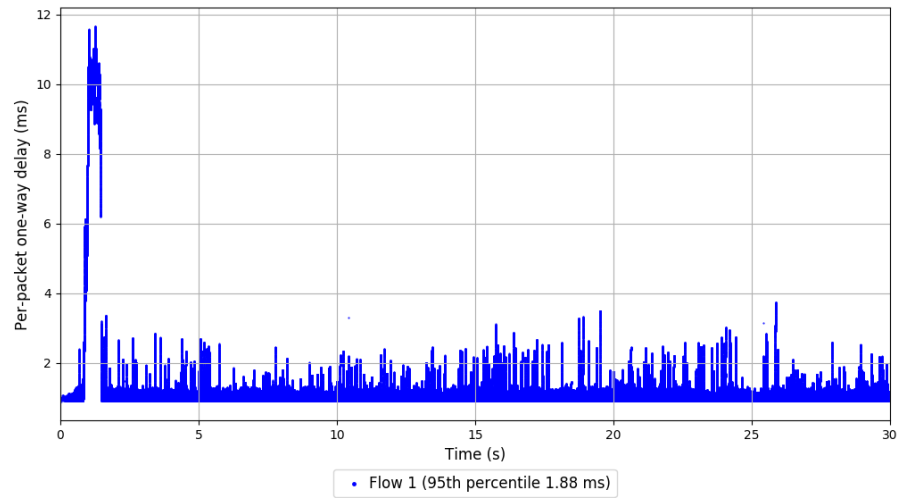
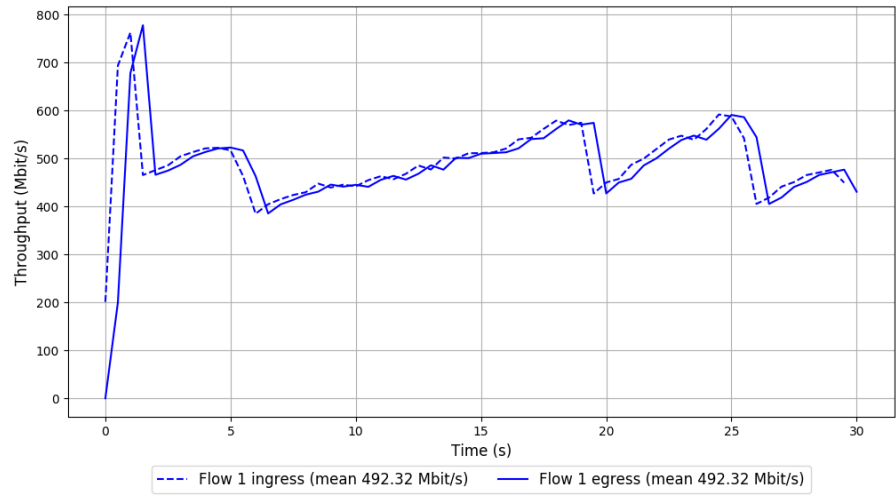
Average throughput: 492.32 Mbit/s

95th percentile per-packet one-way delay: 1.882 ms

Loss rate: 0.07%



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



Run 6: Statistics of TCP Cubic

Start at: 2018-07-10 14:48:22

End at: 2018-07-10 14:48:52

Local clock offset: 0.333 ms

Remote clock offset: 1.092 ms

# Below is generated by plot.py at 2018-07-10 17:17:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 387.16 Mbit/s

95th percentile per-packet one-way delay: 1.444 ms

Loss rate: 0.11%

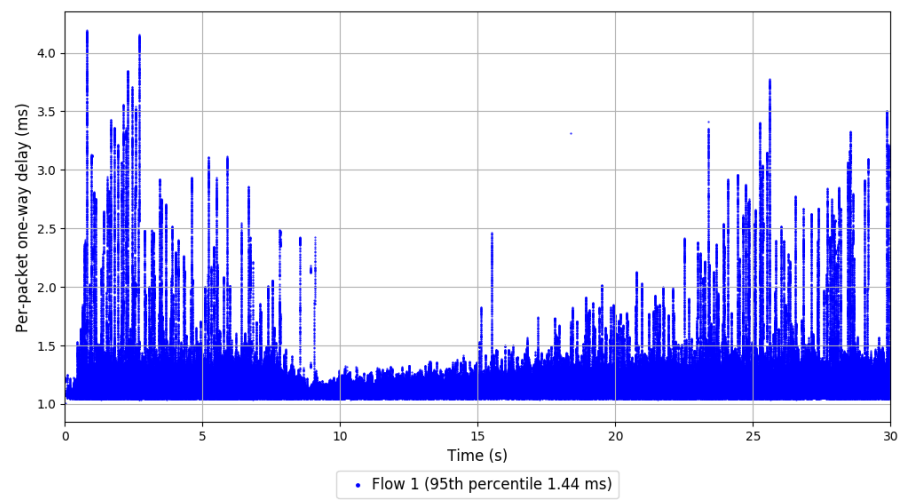
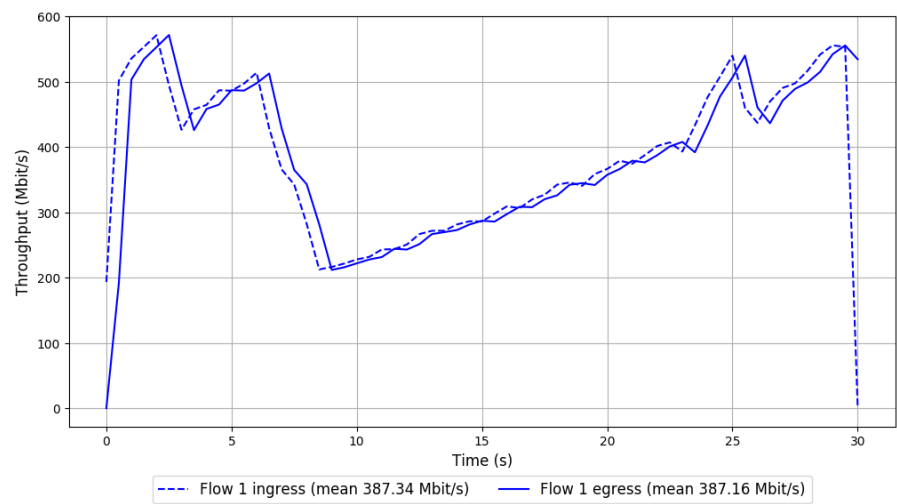
-- Flow 1:

Average throughput: 387.16 Mbit/s

95th percentile per-packet one-way delay: 1.444 ms

Loss rate: 0.11%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-07-10 15:14:09

End at: 2018-07-10 15:14:39

Local clock offset: 0.194 ms

Remote clock offset: 1.158 ms

# Below is generated by plot.py at 2018-07-10 17:17:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 500.36 Mbit/s

95th percentile per-packet one-way delay: 1.451 ms

Loss rate: 0.06%

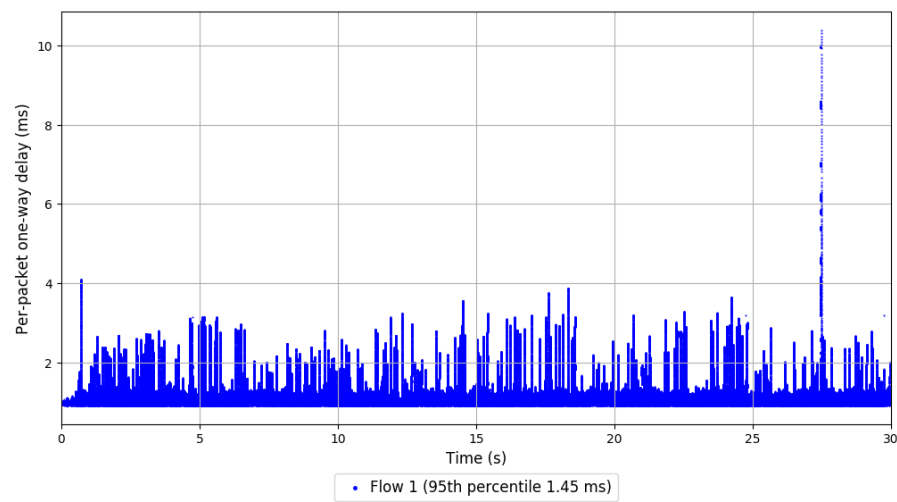
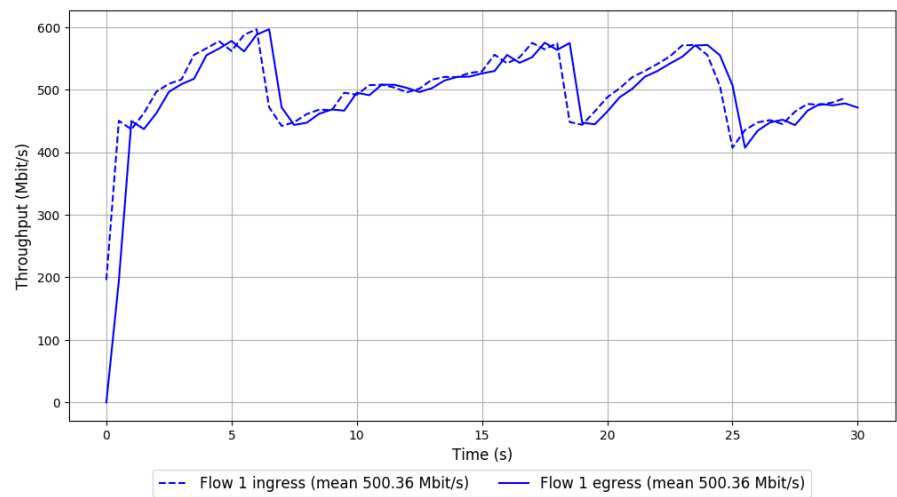
-- Flow 1:

Average throughput: 500.36 Mbit/s

95th percentile per-packet one-way delay: 1.451 ms

Loss rate: 0.06%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-07-10 15:40:03

End at: 2018-07-10 15:40:33

Local clock offset: 0.198 ms

Remote clock offset: 1.164 ms

# Below is generated by plot.py at 2018-07-10 17:19:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 519.51 Mbit/s

95th percentile per-packet one-way delay: 9.727 ms

Loss rate: 0.05%

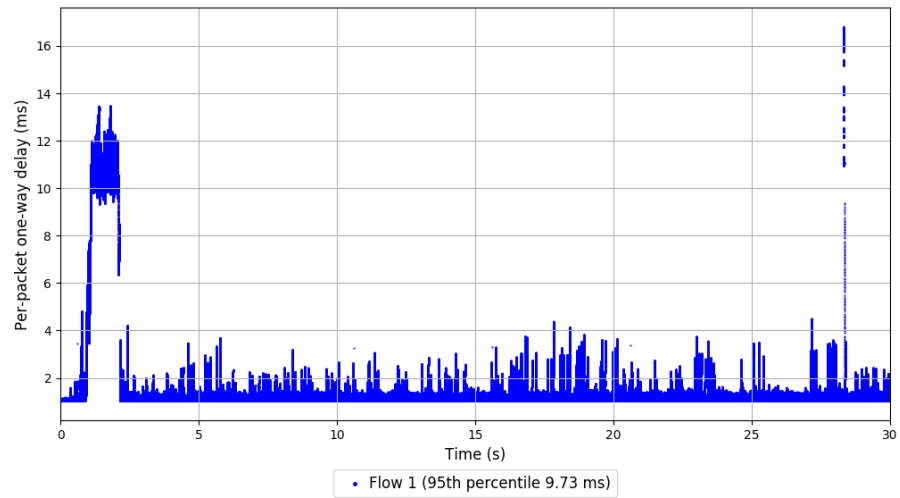
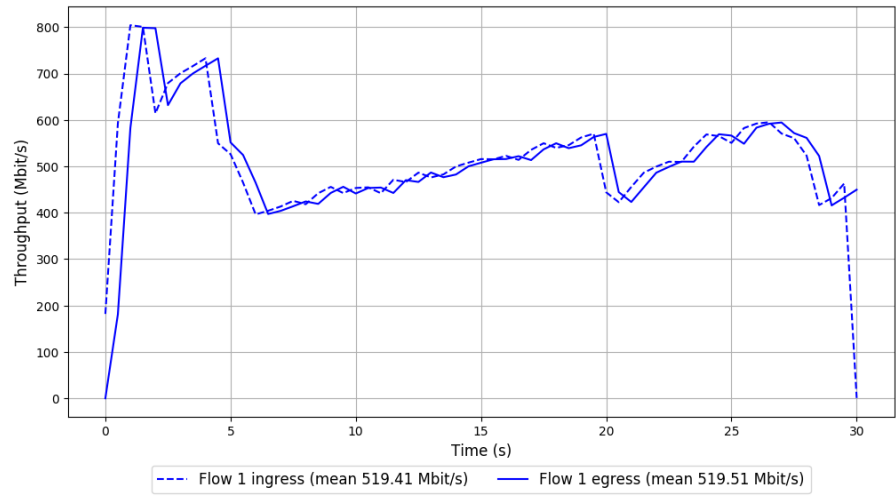
-- Flow 1:

Average throughput: 519.51 Mbit/s

95th percentile per-packet one-way delay: 9.727 ms

Loss rate: 0.05%

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



Run 9: Statistics of TCP Cubic

Start at: 2018-07-10 16:05:57

End at: 2018-07-10 16:06:27

Local clock offset: -0.139 ms

Remote clock offset: 1.201 ms

# Below is generated by plot.py at 2018-07-10 17:19:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 467.34 Mbit/s

95th percentile per-packet one-way delay: 1.430 ms

Loss rate: 0.07%

-- Flow 1:

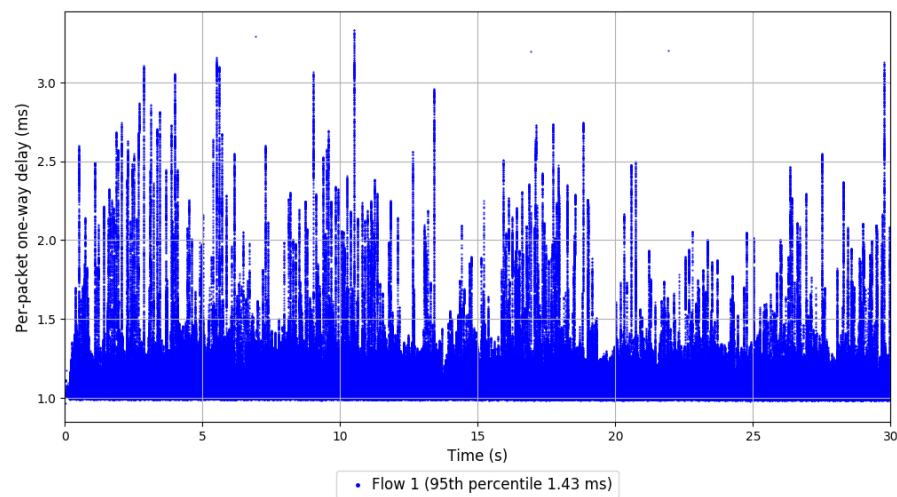
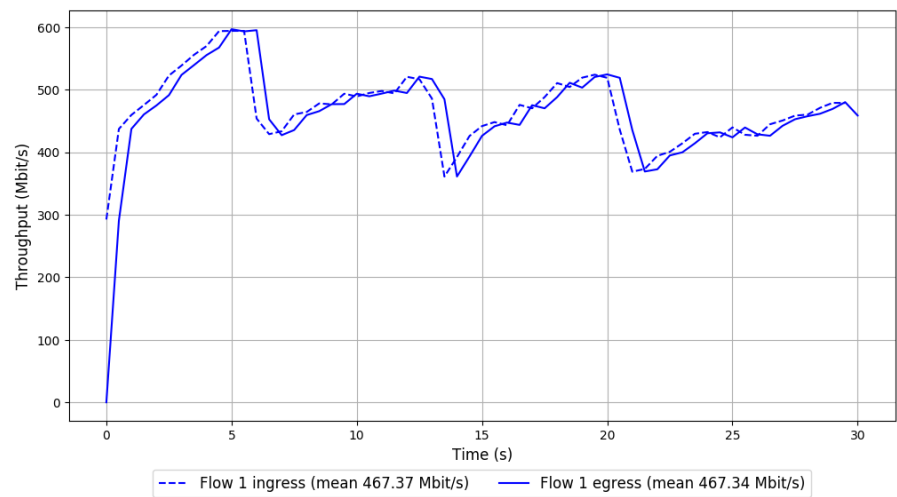
Average throughput: 467.34 Mbit/s

95th percentile per-packet one-way delay: 1.430 ms

Loss rate: 0.07%



Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-07-10 16:31:51

End at: 2018-07-10 16:32:21

Local clock offset: -0.342 ms

Remote clock offset: 0.53 ms

# Below is generated by plot.py at 2018-07-10 17:20:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 526.81 Mbit/s

95th percentile per-packet one-way delay: 10.347 ms

Loss rate: 0.06%

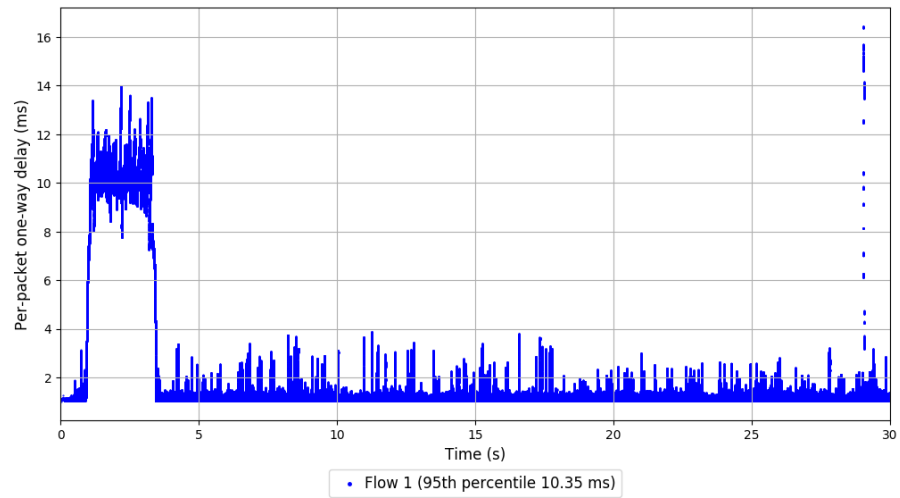
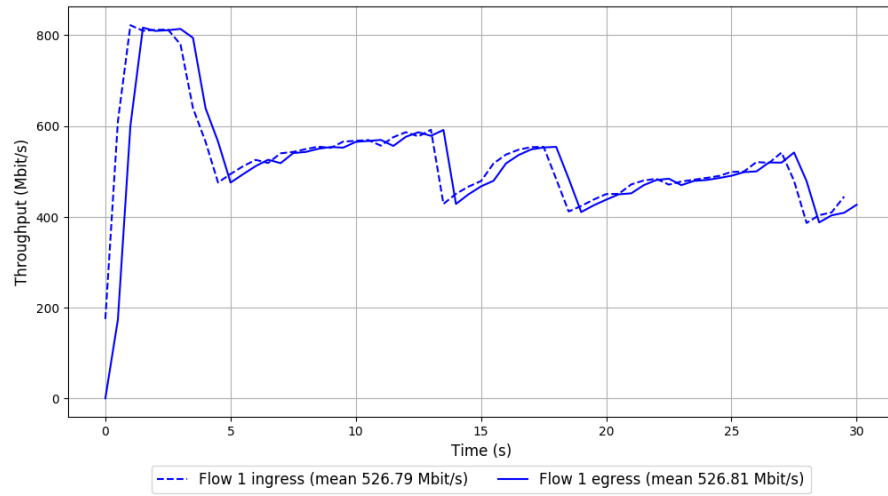
-- Flow 1:

Average throughput: 526.81 Mbit/s

95th percentile per-packet one-way delay: 10.347 ms

Loss rate: 0.06%

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

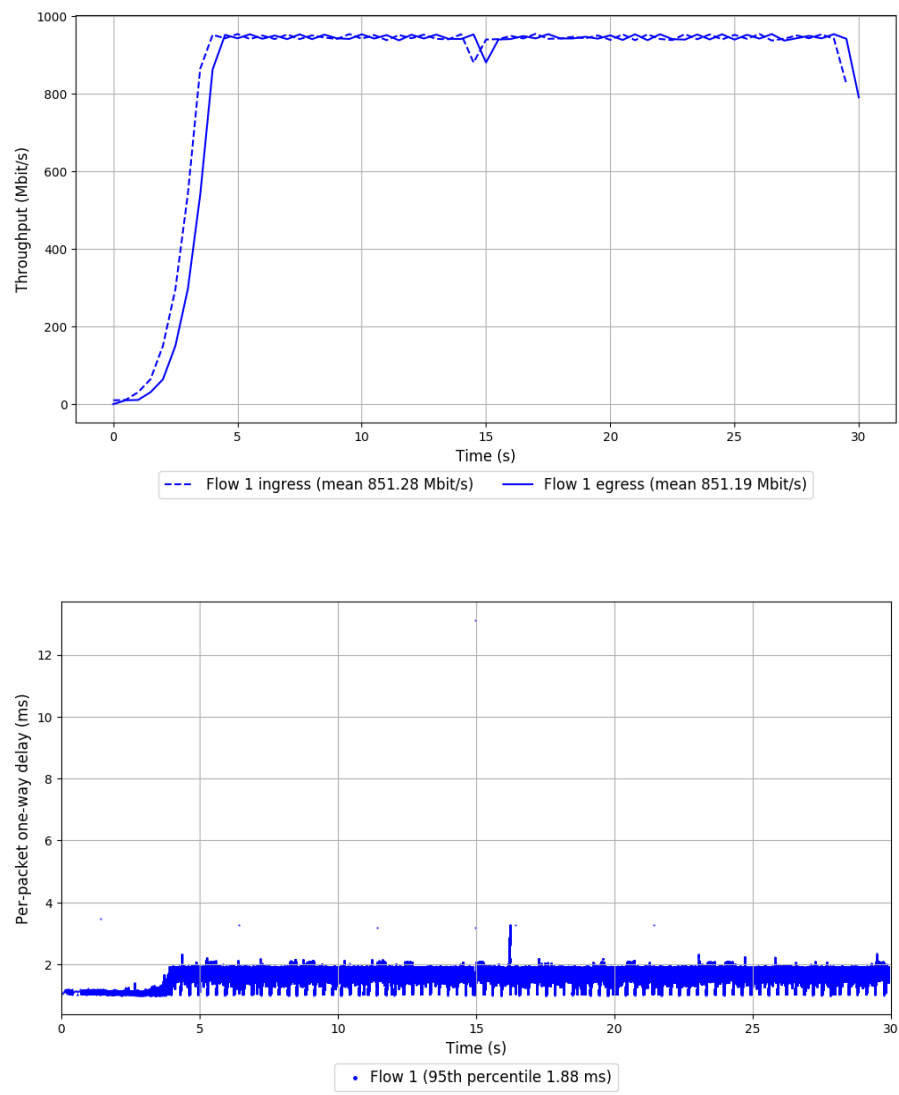


Run 1: Statistics of FillP

Start at: 2018-07-10 12:30:04  
End at: 2018-07-10 12:30:34  
Local clock offset: 0.237 ms  
Remote clock offset: -0.412 ms

# Below is generated by plot.py at 2018-07-10 17:26:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 851.19 Mbit/s  
95th percentile per-packet one-way delay: 1.881 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 851.19 Mbit/s  
95th percentile per-packet one-way delay: 1.881 ms  
Loss rate: 0.07%

Run 1: Report of FillP — Data Link

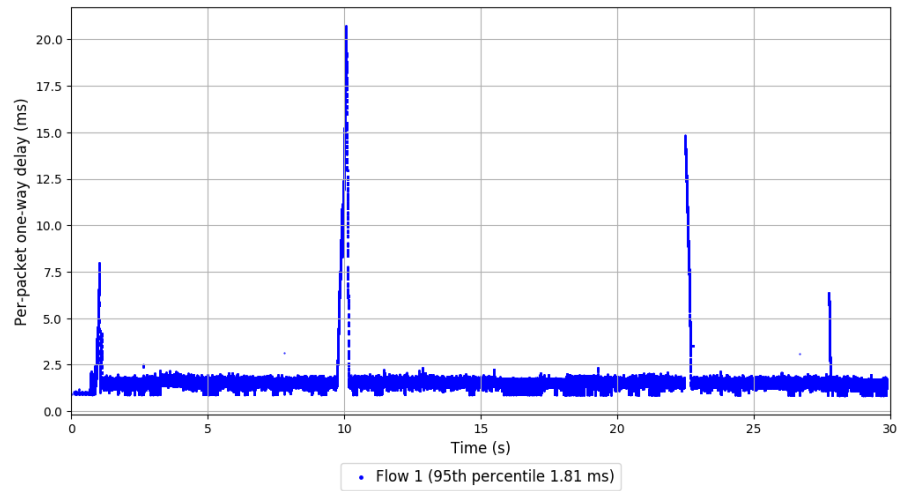
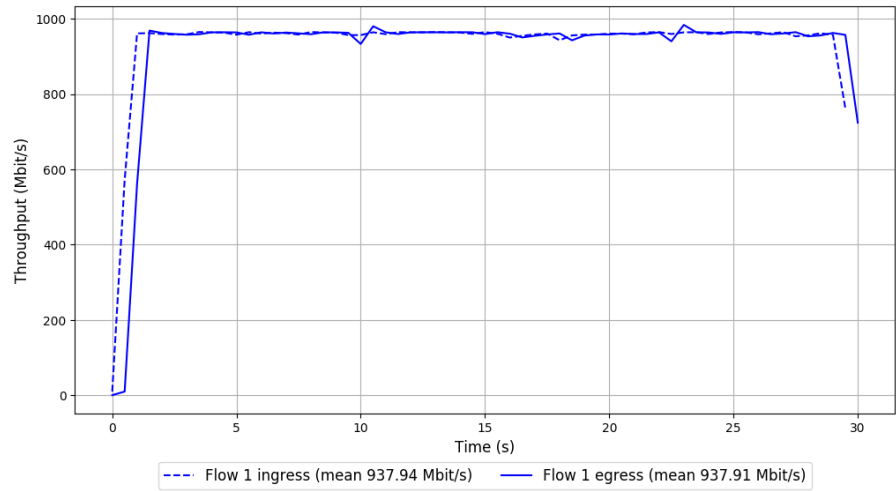


Run 2: Statistics of FillP

Start at: 2018-07-10 12:55:41  
End at: 2018-07-10 12:56:11  
Local clock offset: 0.336 ms  
Remote clock offset: -2.686 ms

# Below is generated by plot.py at 2018-07-10 17:27:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 937.91 Mbit/s  
95th percentile per-packet one-way delay: 1.806 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 937.91 Mbit/s  
95th percentile per-packet one-way delay: 1.806 ms  
Loss rate: 0.07%

## Run 2: Report of FillP — Data Link



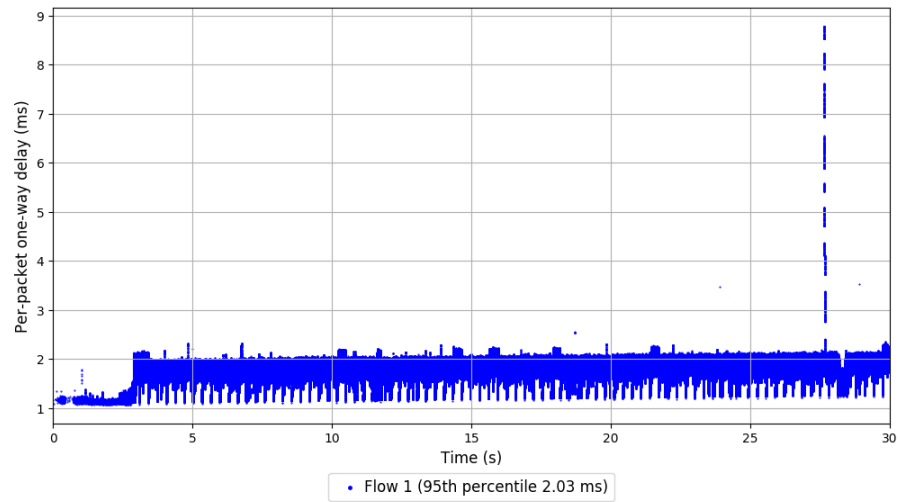
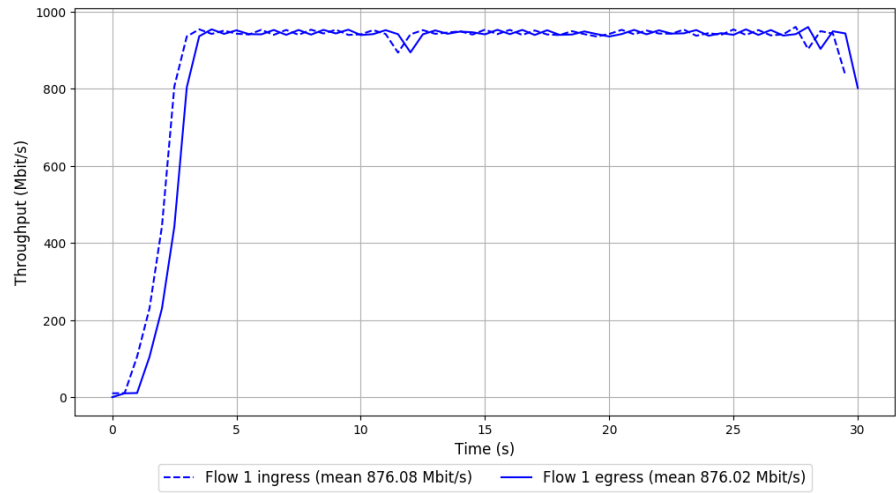
Run 3: Statistics of FillP

Start at: 2018-07-10 13:21:35  
End at: 2018-07-10 13:22:05  
Local clock offset: 0.414 ms  
Remote clock offset: -3.297 ms

# Below is generated by plot.py at 2018-07-10 17:28:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 876.02 Mbit/s  
95th percentile per-packet one-way delay: 2.030 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 876.02 Mbit/s  
95th percentile per-packet one-way delay: 2.030 ms  
Loss rate: 0.07%



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



Run 4: Statistics of FillP

Start at: 2018-07-10 13:47:28

End at: 2018-07-10 13:47:58

Local clock offset: 0.504 ms

Remote clock offset: 0.072 ms

# Below is generated by plot.py at 2018-07-10 17:31:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 931.67 Mbit/s

95th percentile per-packet one-way delay: 1.959 ms

Loss rate: 0.07%

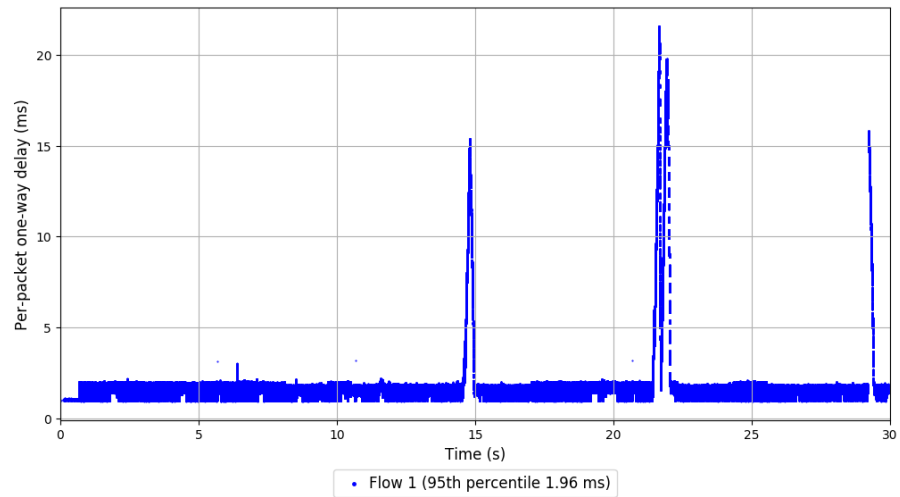
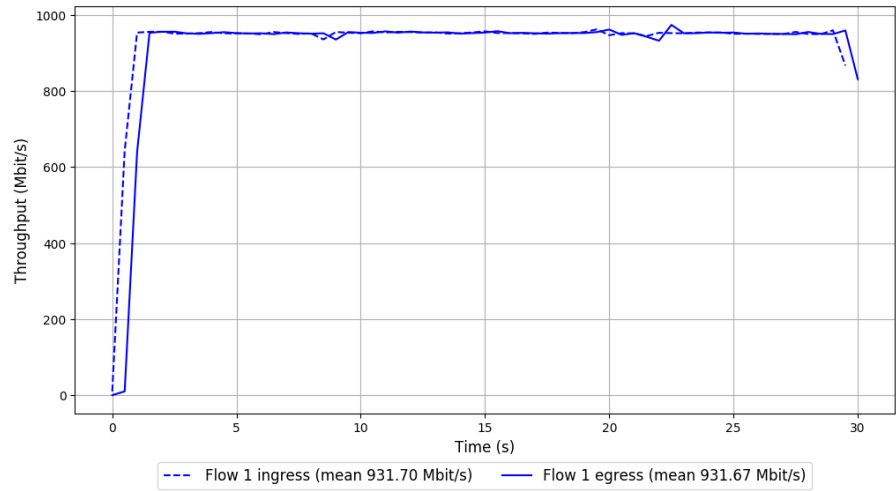
-- Flow 1:

Average throughput: 931.67 Mbit/s

95th percentile per-packet one-way delay: 1.959 ms

Loss rate: 0.07%

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



Run 5: Statistics of FillP

Start at: 2018-07-10 14:13:30

End at: 2018-07-10 14:14:00

Local clock offset: 0.473 ms

Remote clock offset: 1.179 ms

# Below is generated by plot.py at 2018-07-10 17:31:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 932.08 Mbit/s

95th percentile per-packet one-way delay: 1.929 ms

Loss rate: 0.07%

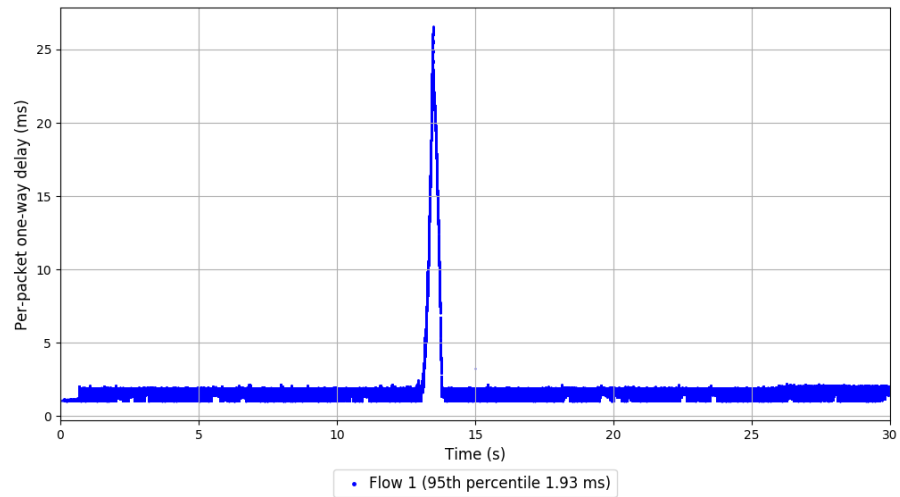
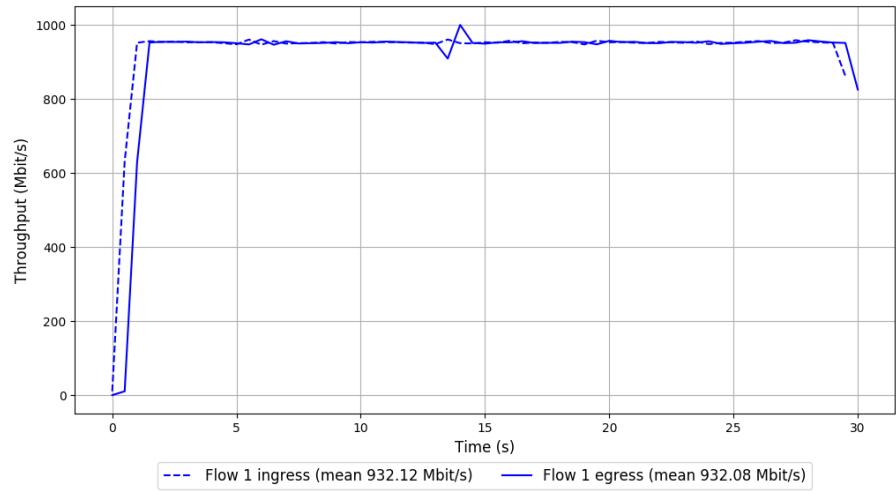
-- Flow 1:

Average throughput: 932.08 Mbit/s

95th percentile per-packet one-way delay: 1.929 ms

Loss rate: 0.07%

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



Run 6: Statistics of FillP

Start at: 2018-07-10 14:39:20

End at: 2018-07-10 14:39:50

Local clock offset: 0.194 ms

Remote clock offset: 1.015 ms

# Below is generated by plot.py at 2018-07-10 17:31:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 859.00 Mbit/s

95th percentile per-packet one-way delay: 19.232 ms

Loss rate: 0.25%

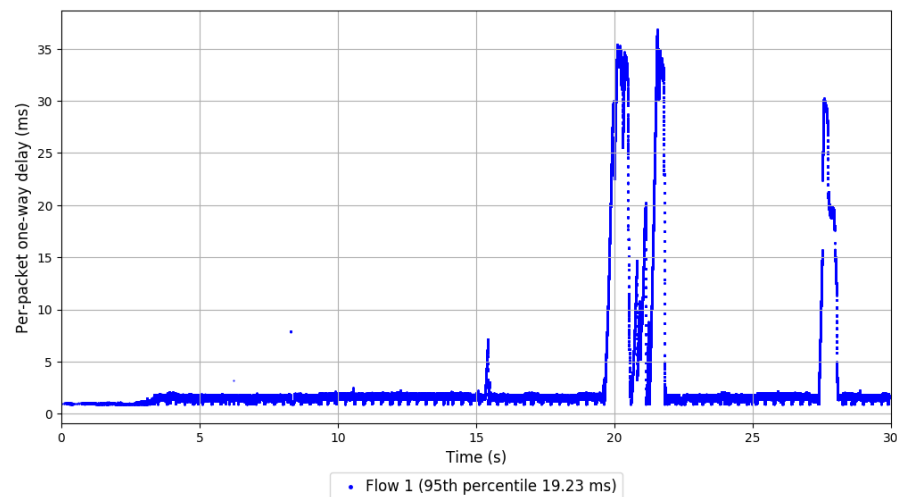
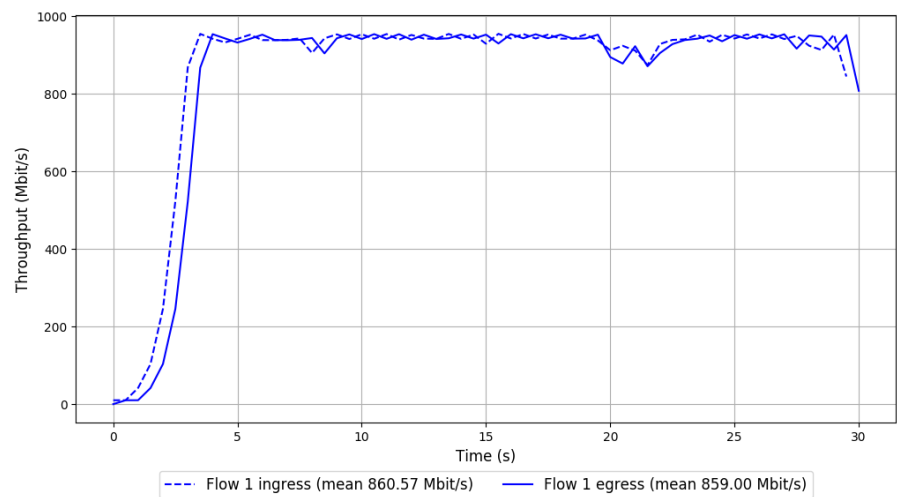
-- Flow 1:

Average throughput: 859.00 Mbit/s

95th percentile per-packet one-way delay: 19.232 ms

Loss rate: 0.25%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-07-10 15:04:59

End at: 2018-07-10 15:05:29

Local clock offset: 0.279 ms

Remote clock offset: 1.149 ms

# Below is generated by plot.py at 2018-07-10 17:32:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 936.84 Mbit/s

95th percentile per-packet one-way delay: 4.296 ms

Loss rate: 0.22%

-- Flow 1:

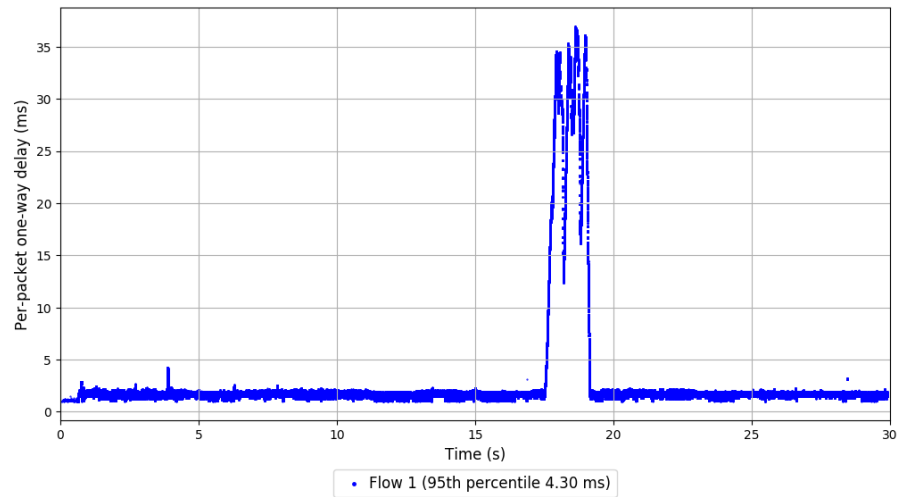
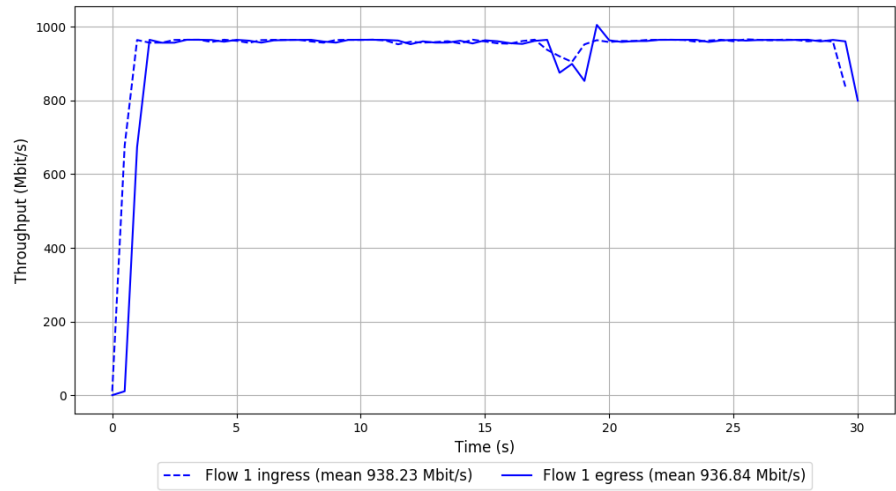
Average throughput: 936.84 Mbit/s

95th percentile per-packet one-way delay: 4.296 ms

Loss rate: 0.22%



## Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-07-10 15:30:49

End at: 2018-07-10 15:31:19

Local clock offset: 0.264 ms

Remote clock offset: 1.235 ms

# Below is generated by plot.py at 2018-07-10 17:33:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 909.95 Mbit/s

95th percentile per-packet one-way delay: 3.812 ms

Loss rate: 0.11%

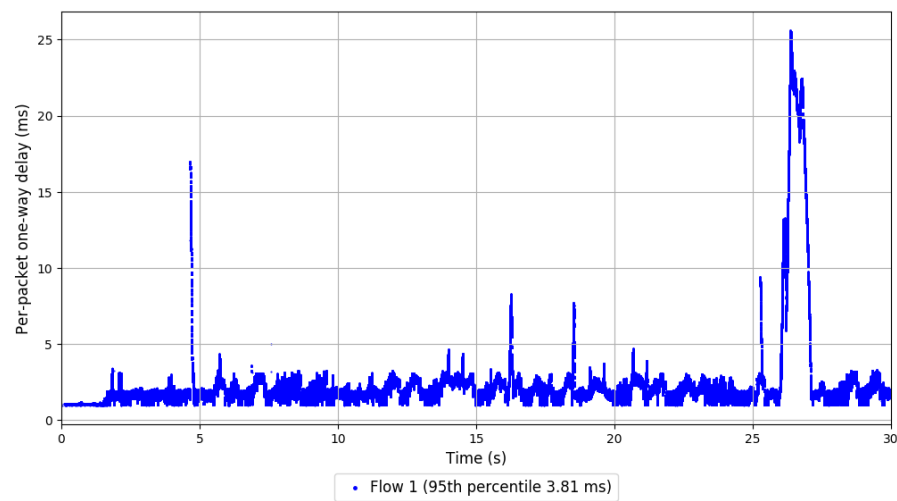
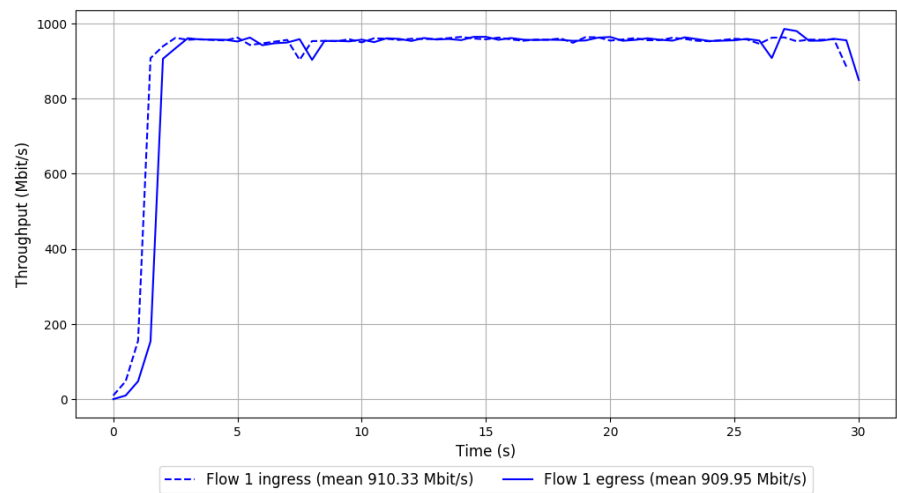
-- Flow 1:

Average throughput: 909.95 Mbit/s

95th percentile per-packet one-way delay: 3.812 ms

Loss rate: 0.11%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-07-10 15:56:43

End at: 2018-07-10 15:57:13

Local clock offset: 0.11 ms

Remote clock offset: 1.316 ms

# Below is generated by plot.py at 2018-07-10 17:40:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 935.02 Mbit/s

95th percentile per-packet one-way delay: 1.952 ms

Loss rate: 0.07%

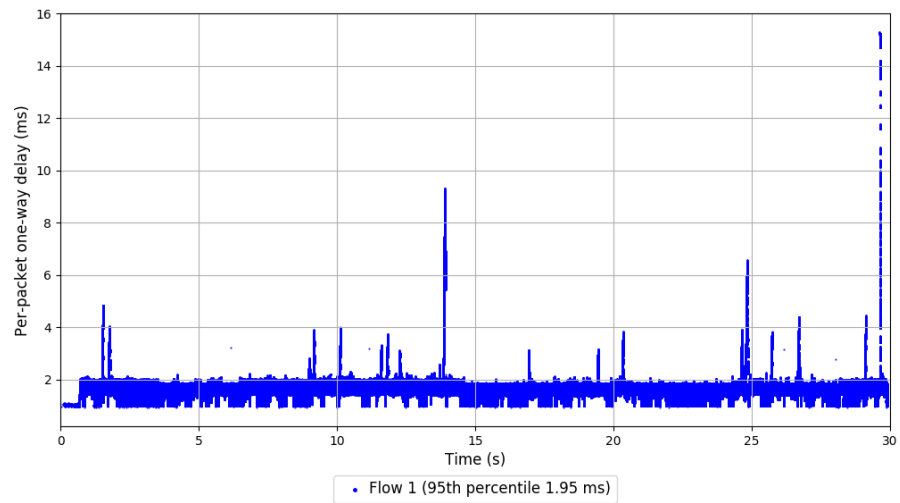
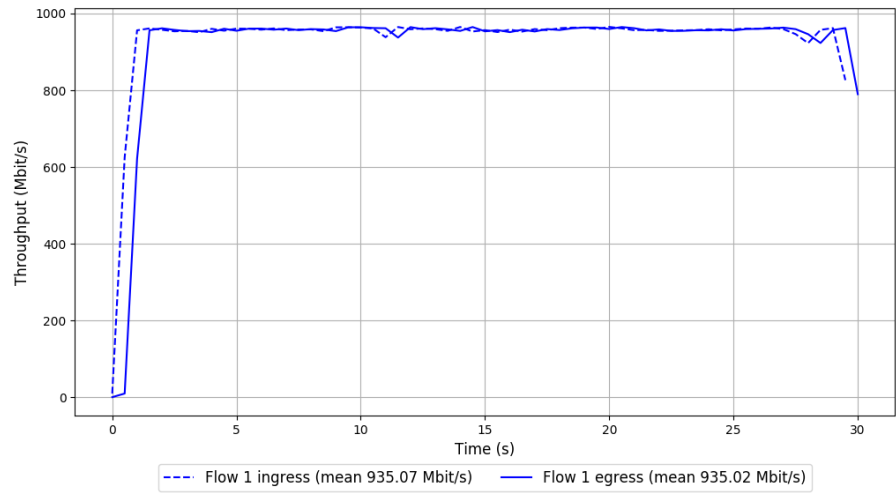
-- Flow 1:

Average throughput: 935.02 Mbit/s

95th percentile per-packet one-way delay: 1.952 ms

Loss rate: 0.07%

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



Run 10: Statistics of FillP

Start at: 2018-07-10 16:22:40

End at: 2018-07-10 16:23:10

Local clock offset: -0.25 ms

Remote clock offset: 0.718 ms

# Below is generated by plot.py at 2018-07-10 17:41:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 932.55 Mbit/s

95th percentile per-packet one-way delay: 6.604 ms

Loss rate: 0.07%

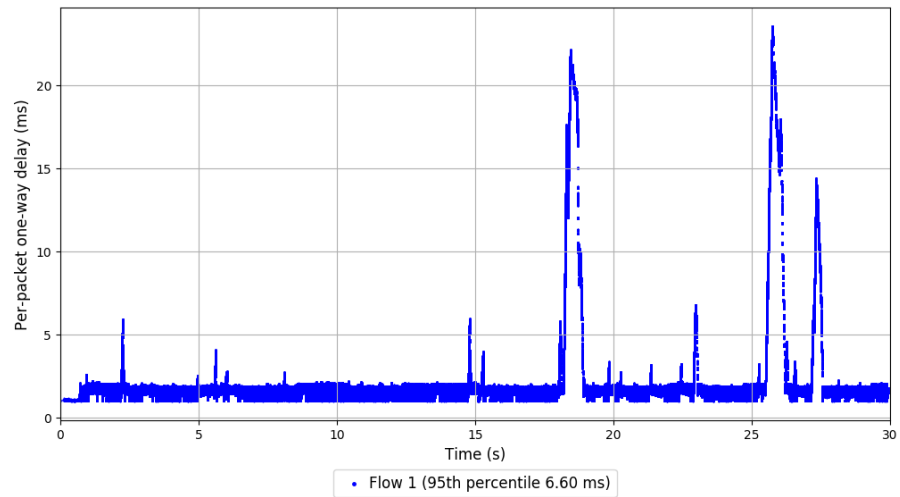
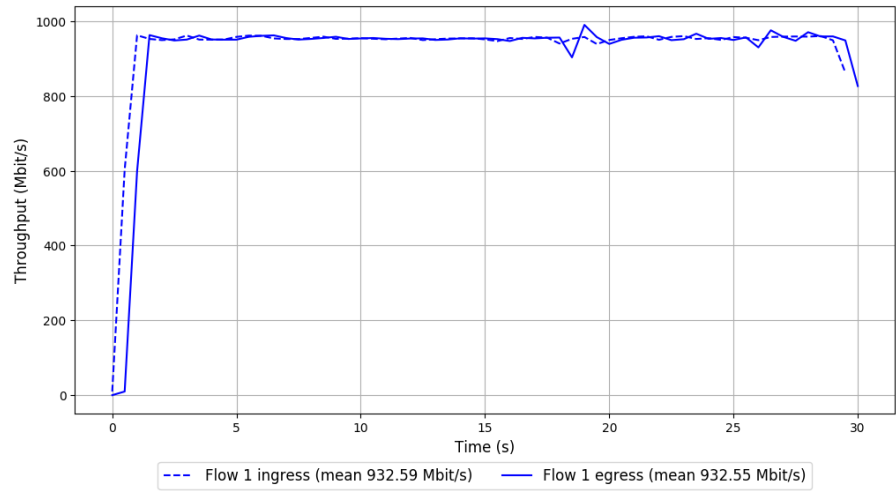
-- Flow 1:

Average throughput: 932.55 Mbit/s

95th percentile per-packet one-way delay: 6.604 ms

Loss rate: 0.07%

### Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-07-10 12:19:48

End at: 2018-07-10 12:20:18

Local clock offset: 0.13 ms

Remote clock offset: -0.587 ms

# Below is generated by plot.py at 2018-07-10 17:42:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 932.74 Mbit/s

95th percentile per-packet one-way delay: 1.869 ms

Loss rate: 0.07%

-- Flow 1:

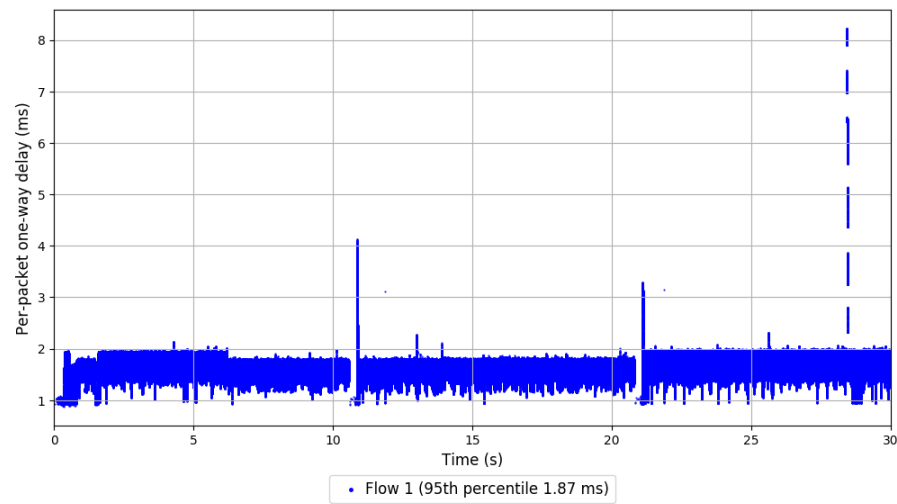
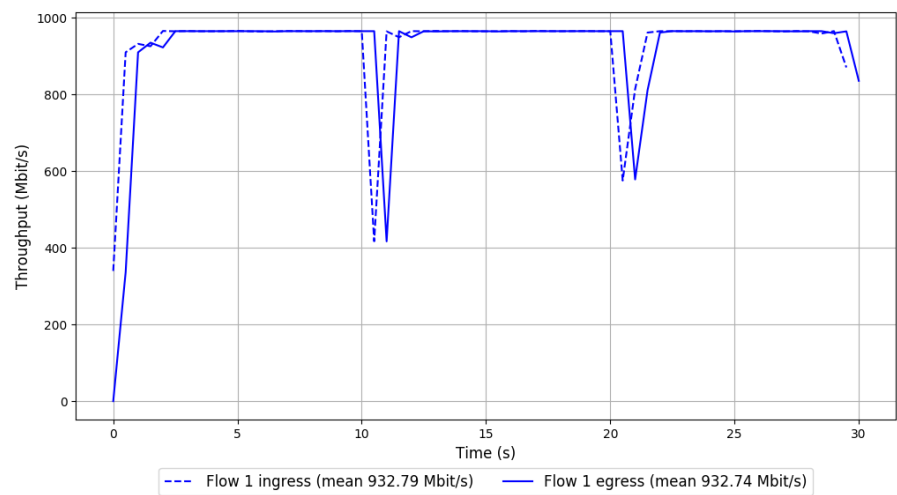
Average throughput: 932.74 Mbit/s

95th percentile per-packet one-way delay: 1.869 ms

Loss rate: 0.07%



Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2018-07-10 12:45:32

End at: 2018-07-10 12:46:03

Local clock offset: 0.213 ms

Remote clock offset: -0.725 ms

# Below is generated by plot.py at 2018-07-10 17:44:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 921.82 Mbit/s

95th percentile per-packet one-way delay: 1.618 ms

Loss rate: 0.07%

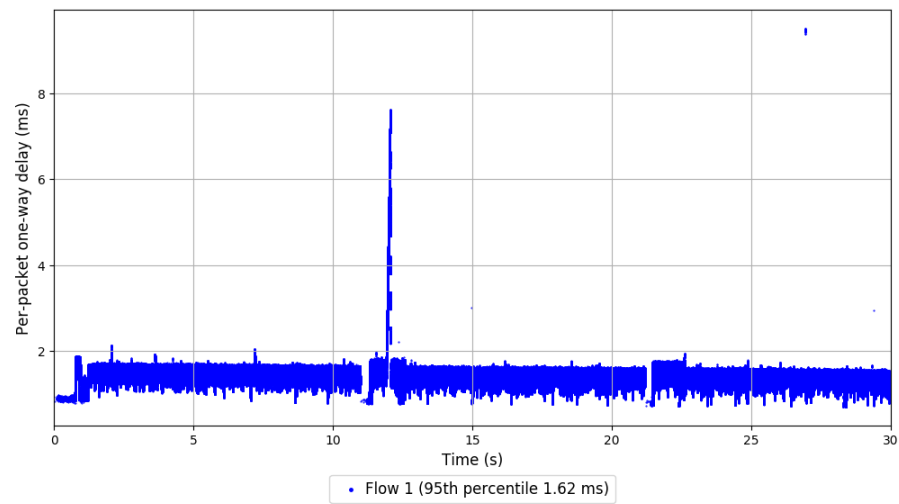
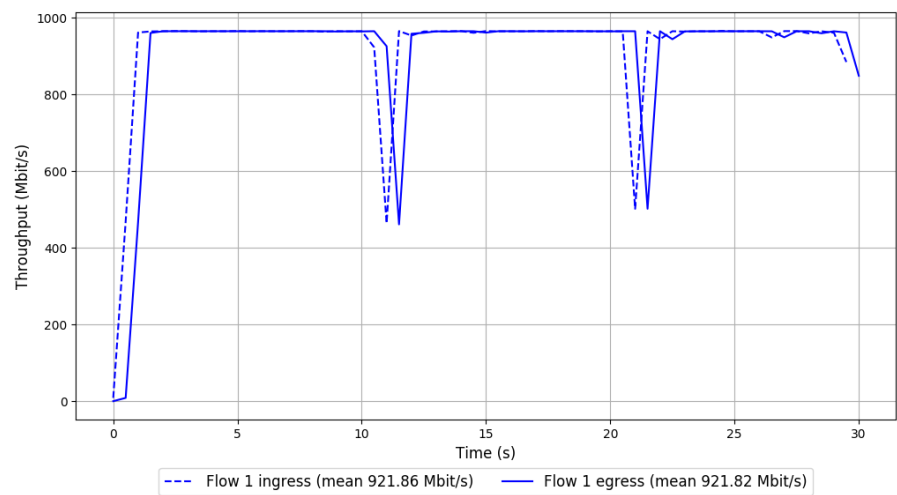
-- Flow 1:

Average throughput: 921.82 Mbit/s

95th percentile per-packet one-way delay: 1.618 ms

Loss rate: 0.07%

Run 2: Report of FillP-Sheep — Data Link

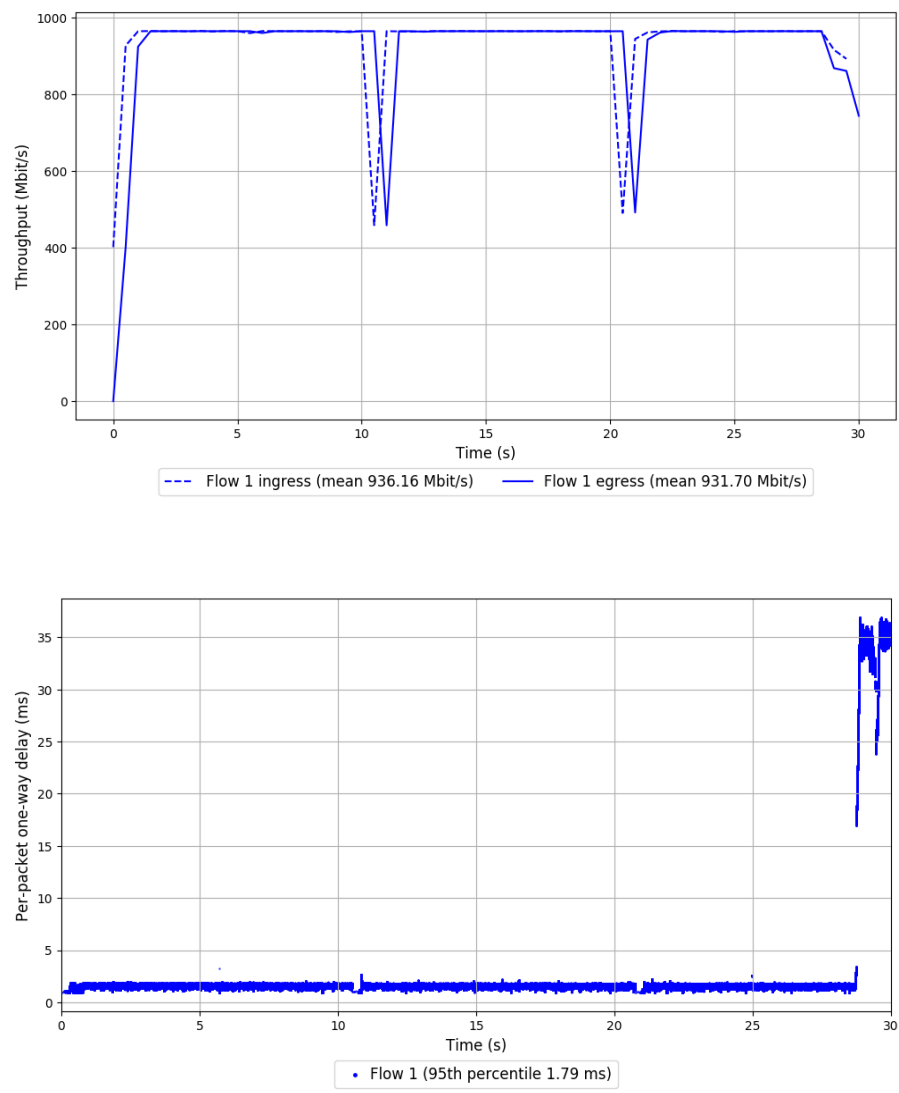


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-10 13:11:19  
End at: 2018-07-10 13:11:49  
Local clock offset: 0.376 ms  
Remote clock offset: -4.025 ms

# Below is generated by plot.py at 2018-07-10 17:44:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 931.70 Mbit/s  
95th percentile per-packet one-way delay: 1.793 ms  
Loss rate: 0.54%  
-- Flow 1:  
Average throughput: 931.70 Mbit/s  
95th percentile per-packet one-way delay: 1.793 ms  
Loss rate: 0.54%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-07-10 13:37:14

End at: 2018-07-10 13:37:44

Local clock offset: 0.484 ms

Remote clock offset: -0.515 ms

# Below is generated by plot.py at 2018-07-10 17:45:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 931.49 Mbit/s

95th percentile per-packet one-way delay: 7.484 ms

Loss rate: 0.40%

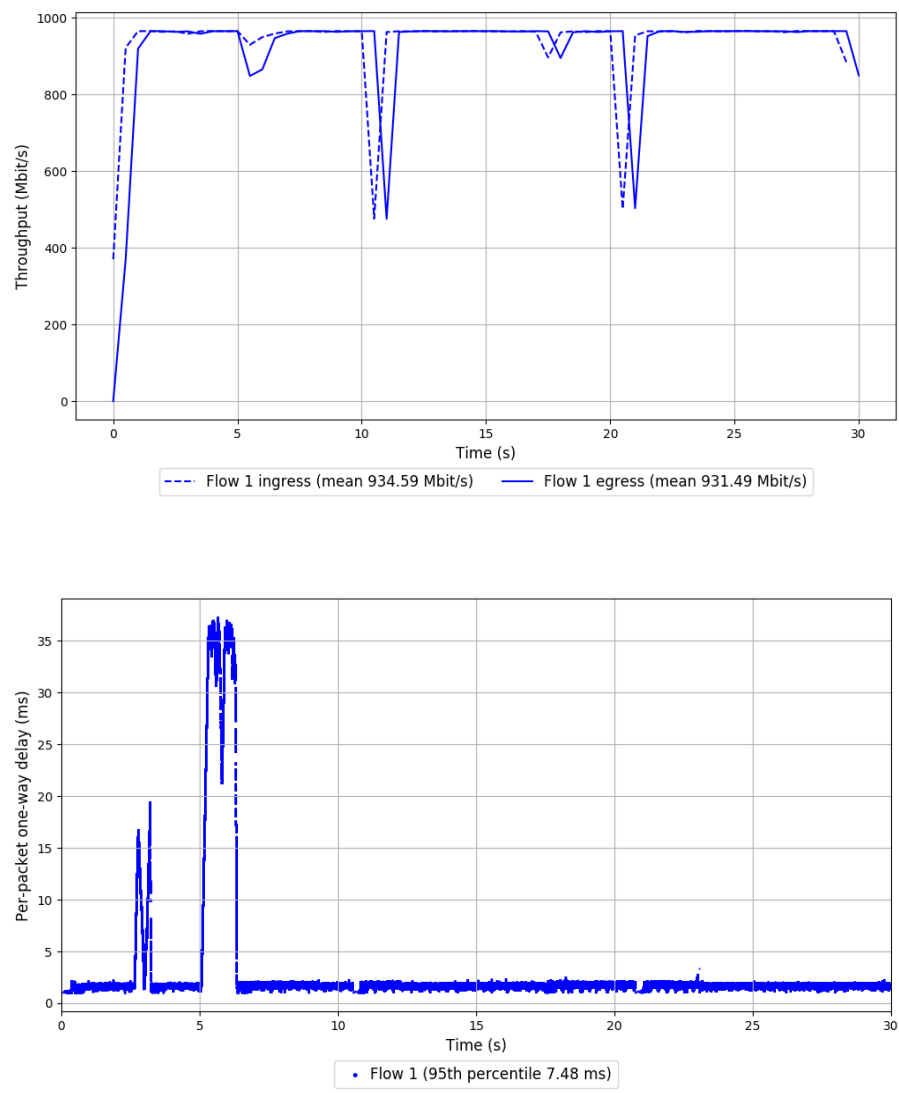
-- Flow 1:

Average throughput: 931.49 Mbit/s

95th percentile per-packet one-way delay: 7.484 ms

Loss rate: 0.40%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-10 14:03:12

End at: 2018-07-10 14:03:42

Local clock offset: 0.474 ms

Remote clock offset: 0.891 ms

# Below is generated by plot.py at 2018-07-10 17:46:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 914.79 Mbit/s

95th percentile per-packet one-way delay: 36.587 ms

Loss rate: 1.77%

-- Flow 1:

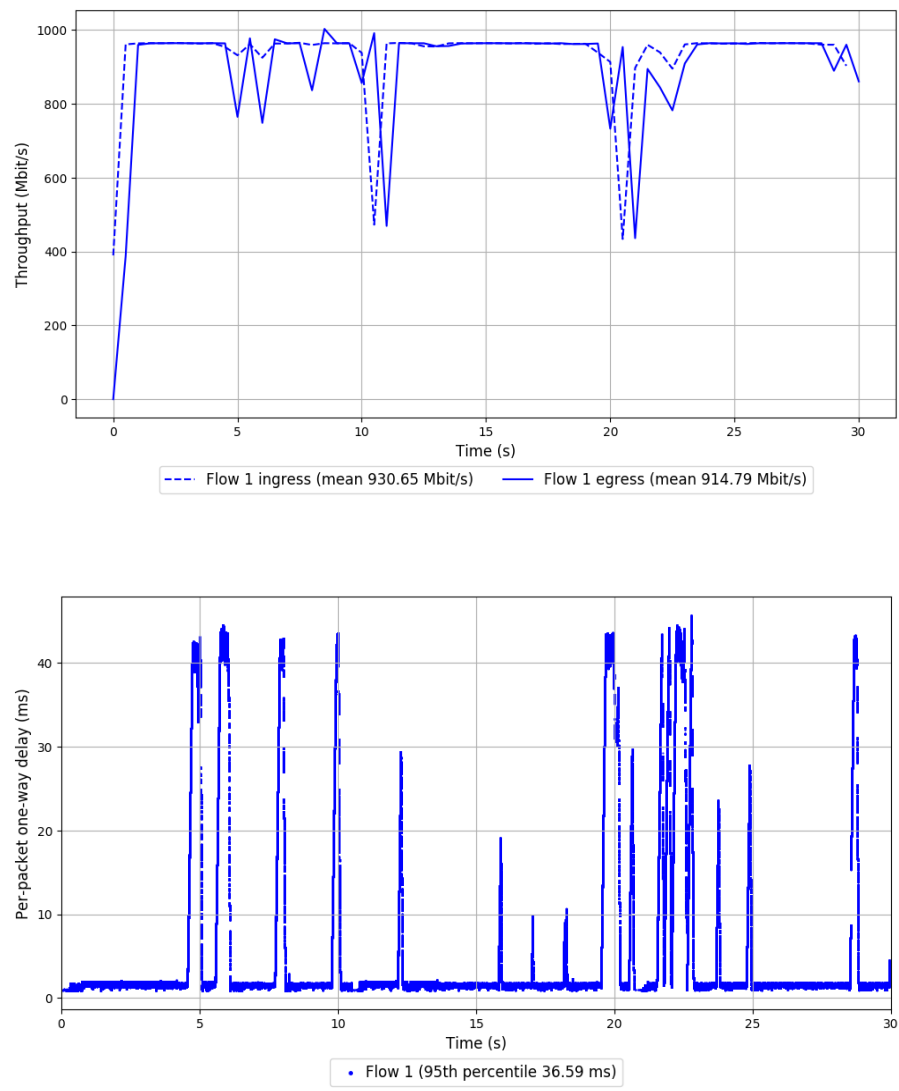
Average throughput: 914.79 Mbit/s

95th percentile per-packet one-way delay: 36.587 ms

Loss rate: 1.77%



Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-07-10 14:29:10

End at: 2018-07-10 14:29:40

Local clock offset: 0.301 ms

Remote clock offset: 1.032 ms

# Below is generated by plot.py at 2018-07-10 17:46:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 919.65 Mbit/s

95th percentile per-packet one-way delay: 11.538 ms

Loss rate: 0.12%

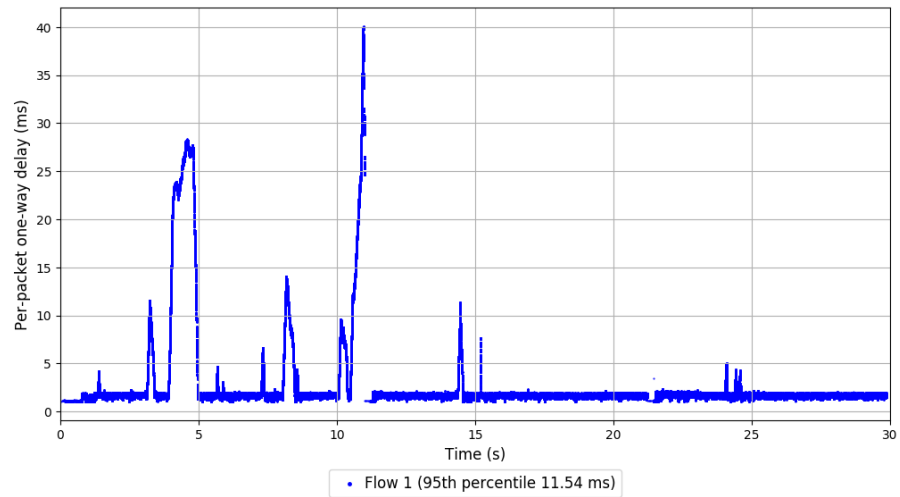
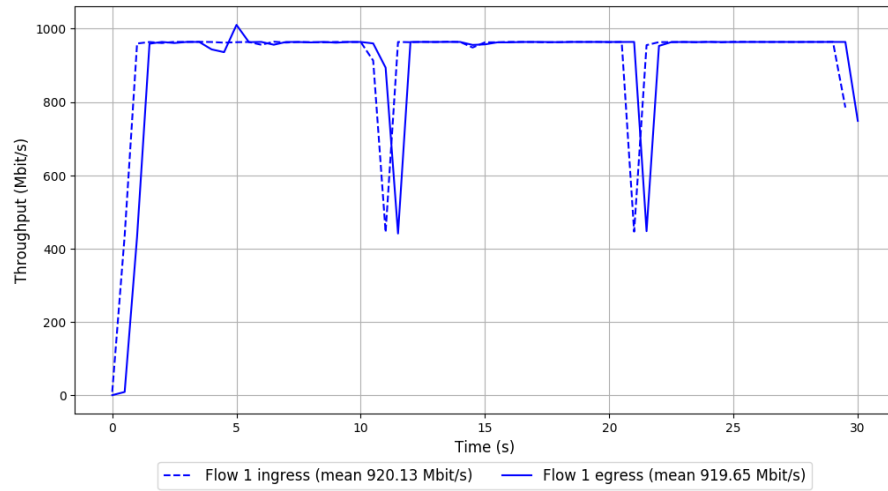
-- Flow 1:

Average throughput: 919.65 Mbit/s

95th percentile per-packet one-way delay: 11.538 ms

Loss rate: 0.12%

## Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-07-10 14:54:46

End at: 2018-07-10 14:55:16

Local clock offset: 0.341 ms

Remote clock offset: 1.089 ms

# Below is generated by plot.py at 2018-07-10 17:53:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 865.92 Mbit/s

95th percentile per-packet one-way delay: 42.334 ms

Loss rate: 5.13%

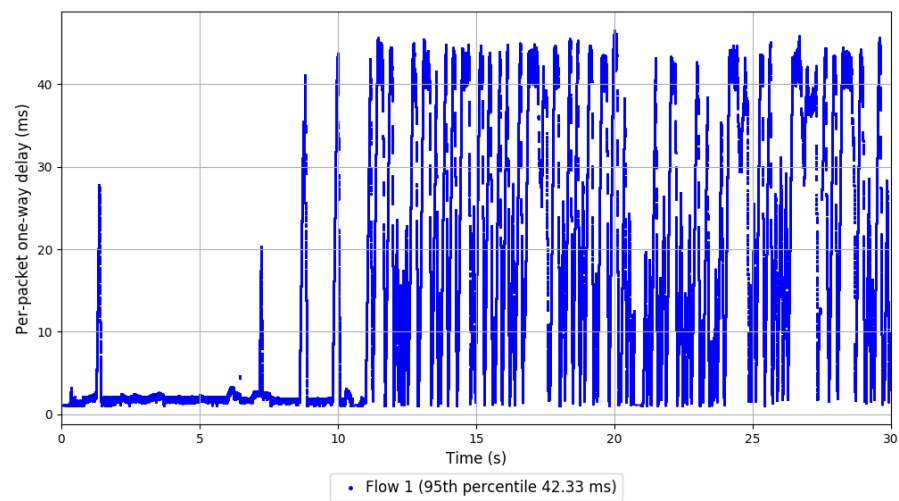
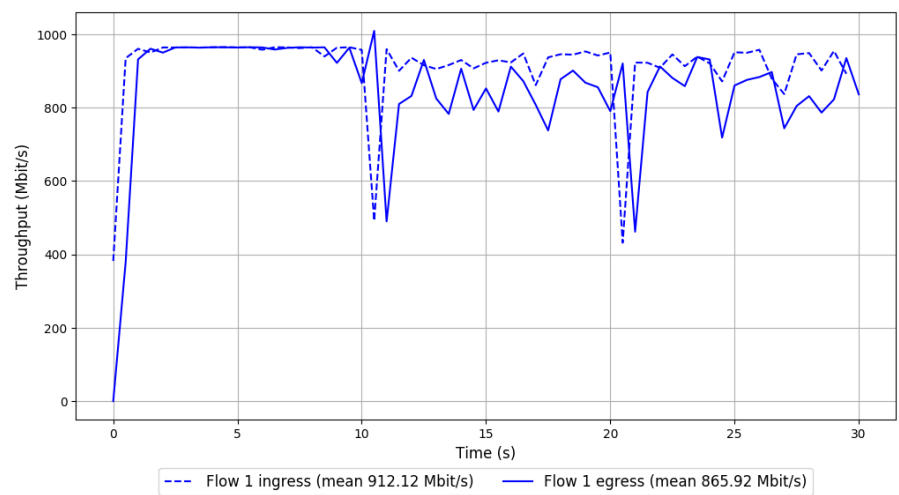
-- Flow 1:

Average throughput: 865.92 Mbit/s

95th percentile per-packet one-way delay: 42.334 ms

Loss rate: 5.13%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-07-10 15:20:36

End at: 2018-07-10 15:21:06

Local clock offset: 0.304 ms

Remote clock offset: 1.168 ms

# Below is generated by plot.py at 2018-07-10 17:55:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 915.03 Mbit/s

95th percentile per-packet one-way delay: 37.586 ms

Loss rate: 1.85%

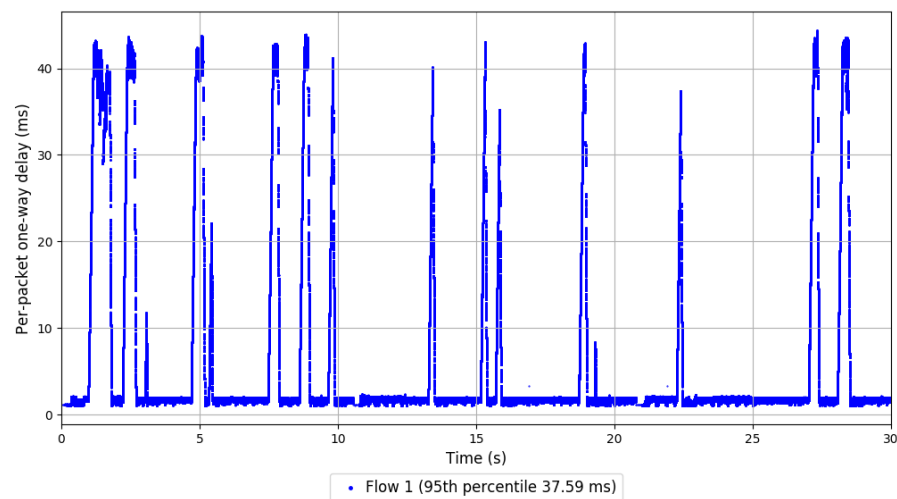
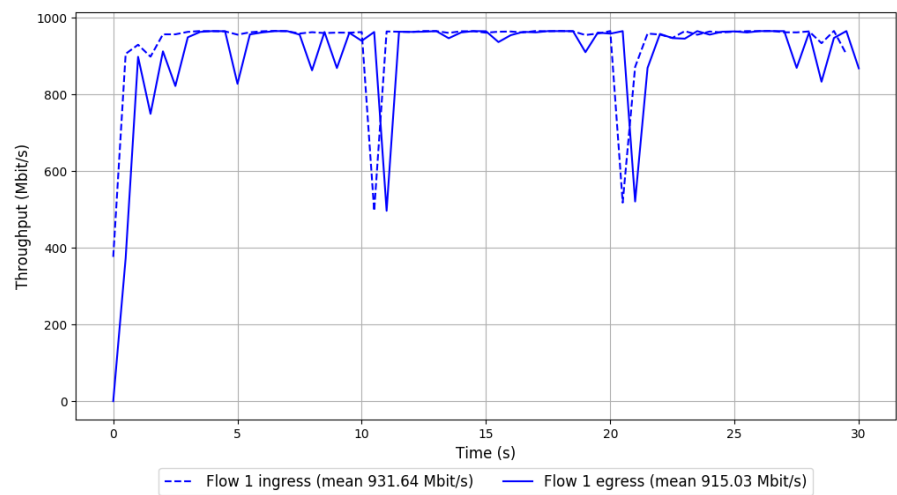
-- Flow 1:

Average throughput: 915.03 Mbit/s

95th percentile per-packet one-way delay: 37.586 ms

Loss rate: 1.85%

Run 8: Report of FillP-Sheep — Data Link



Run 9: Statistics of FillP-Sheep

Start at: 2018-07-10 15:46:33

End at: 2018-07-10 15:47:03

Local clock offset: 0.246 ms

Remote clock offset: 1.18 ms

# Below is generated by plot.py at 2018-07-10 17:55:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 920.50 Mbit/s

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

Loss rate: 0.08%

-- Flow 1:

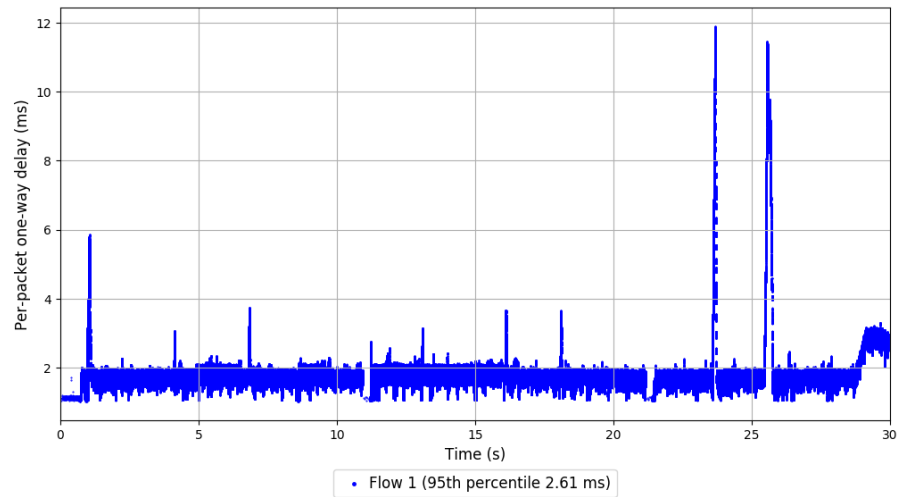
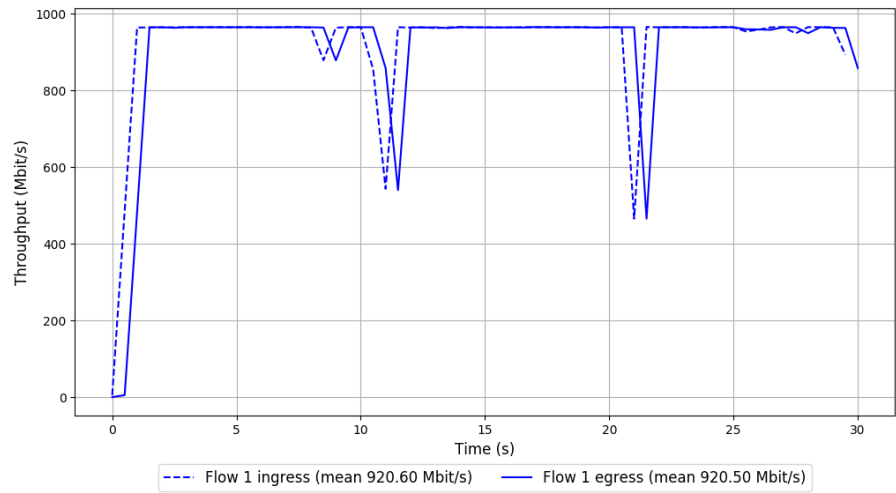
Average throughput: 920.50 Mbit/s

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

Loss rate: 0.08%



### Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-07-10 16:12:23

End at: 2018-07-10 16:12:53

Local clock offset: -0.184 ms

Remote clock offset: 0.921 ms

# Below is generated by plot.py at 2018-07-10 17:57:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 931.93 Mbit/s

95th percentile per-packet one-way delay: 8.791 ms

Loss rate: 0.13%

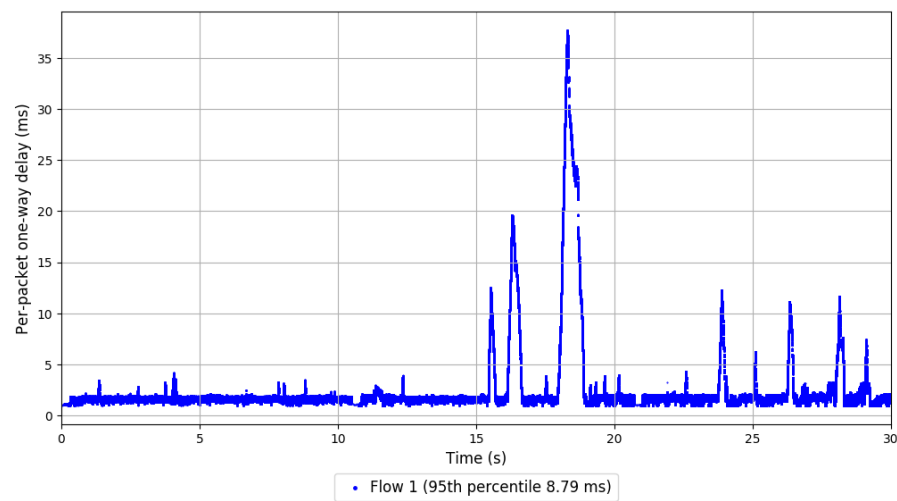
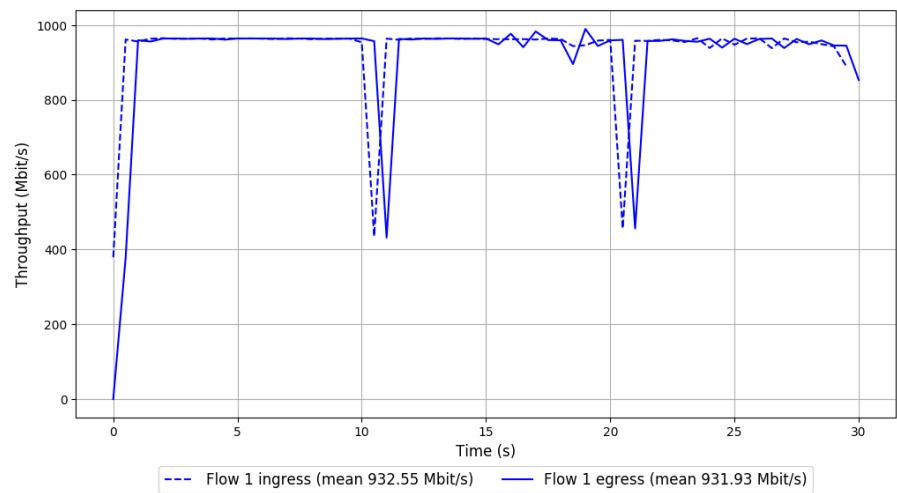
-- Flow 1:

Average throughput: 931.93 Mbit/s

95th percentile per-packet one-way delay: 8.791 ms

Loss rate: 0.13%

Run 10: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2018-07-10 12:31:44

End at: 2018-07-10 12:32:14

Local clock offset: 0.144 ms

Remote clock offset: -0.403 ms

# Below is generated by plot.py at 2018-07-10 17:57:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.75 Mbit/s

95th percentile per-packet one-way delay: 1.026 ms

Loss rate: 0.06%

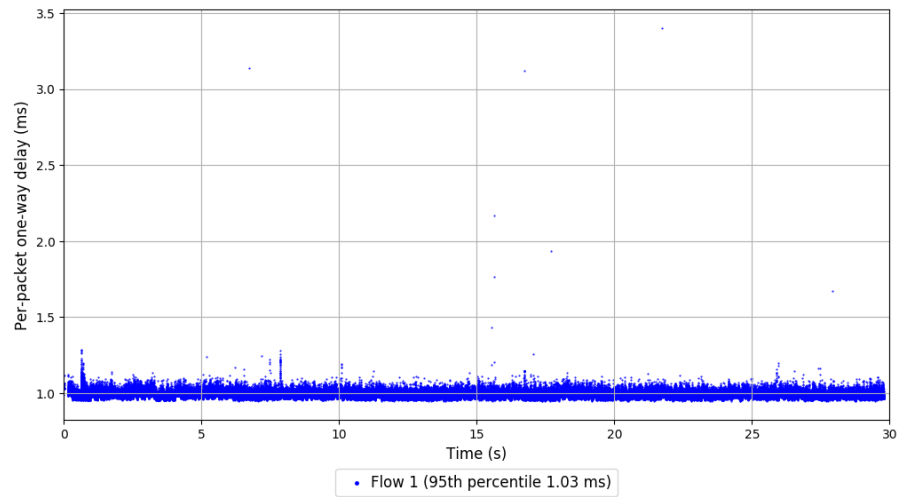
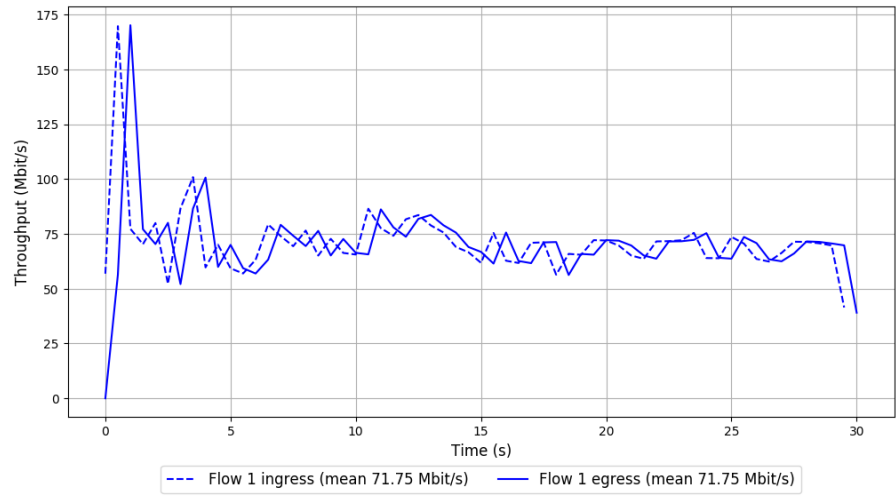
-- Flow 1:

Average throughput: 71.75 Mbit/s

95th percentile per-packet one-way delay: 1.026 ms

Loss rate: 0.06%

## Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-07-10 12:57:23

End at: 2018-07-10 12:57:53

Local clock offset: 0.334 ms

Remote clock offset: -3.008 ms

# Below is generated by plot.py at 2018-07-10 17:57:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 172.16 Mbit/s

95th percentile per-packet one-way delay: 1.089 ms

Loss rate: 0.08%

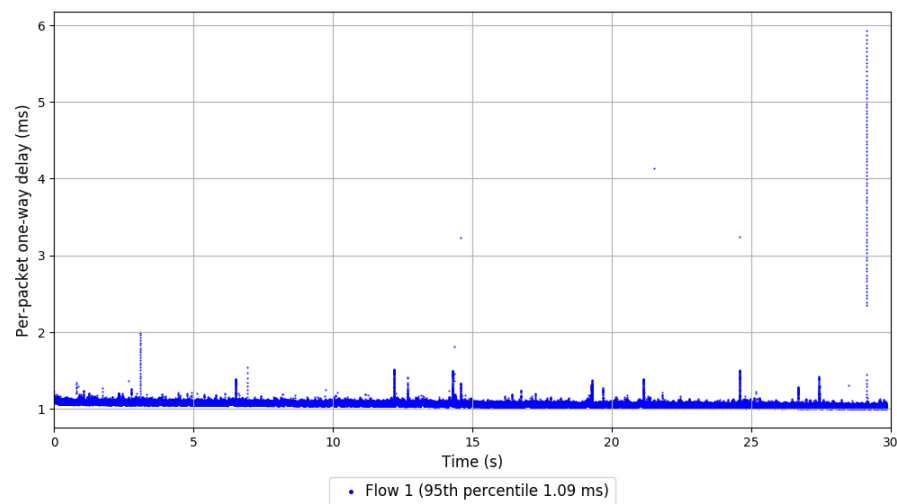
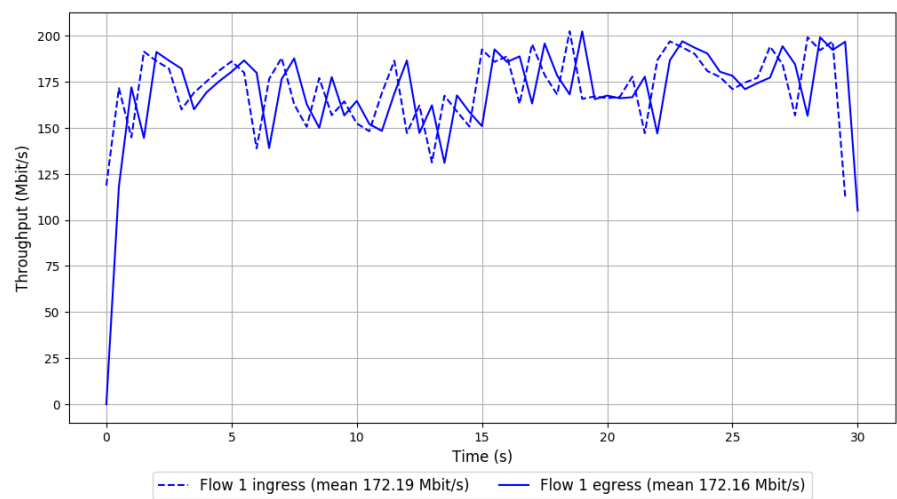
-- Flow 1:

Average throughput: 172.16 Mbit/s

95th percentile per-packet one-way delay: 1.089 ms

Loss rate: 0.08%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-07-10 13:23:15

End at: 2018-07-10 13:23:45

Local clock offset: 0.424 ms

Remote clock offset: -2.705 ms

# Below is generated by plot.py at 2018-07-10 17:57:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 178.53 Mbit/s

95th percentile per-packet one-way delay: 1.234 ms

Loss rate: 0.07%

-- Flow 1:

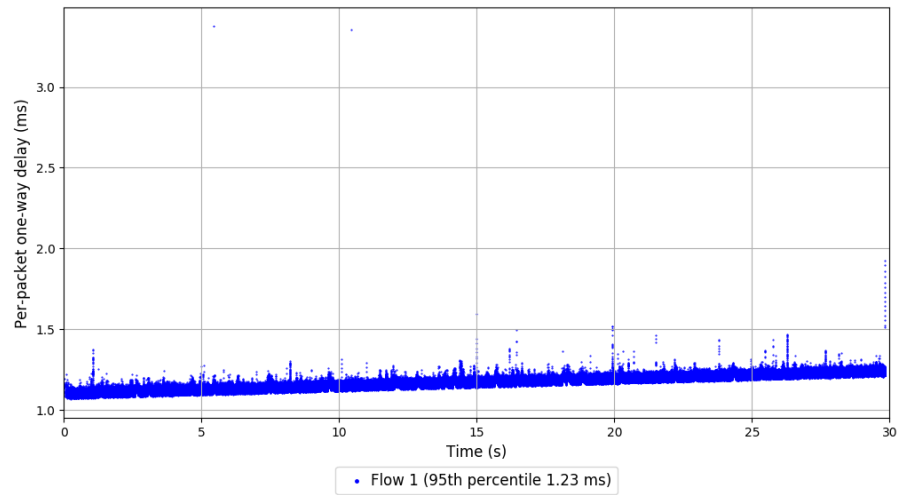
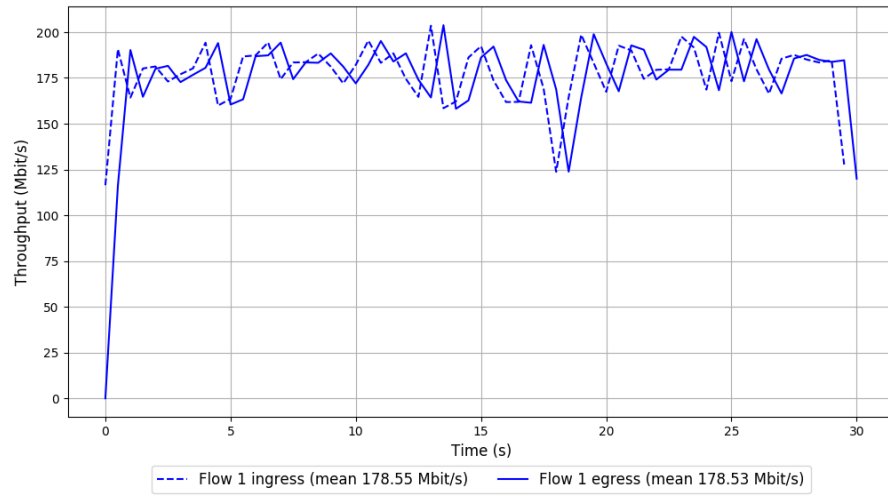
Average throughput: 178.53 Mbit/s

95th percentile per-packet one-way delay: 1.234 ms

Loss rate: 0.07%



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



Run 4: Statistics of Indigo

Start at: 2018-07-10 13:49:10

End at: 2018-07-10 13:49:40

Local clock offset: 0.415 ms

Remote clock offset: 0.125 ms

# Below is generated by plot.py at 2018-07-10 17:57:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 158.15 Mbit/s

95th percentile per-packet one-way delay: 0.935 ms

Loss rate: 0.05%

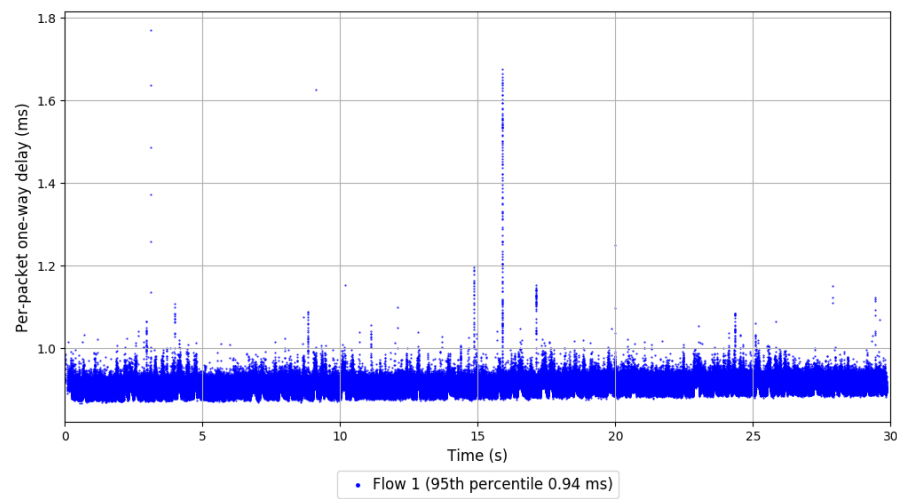
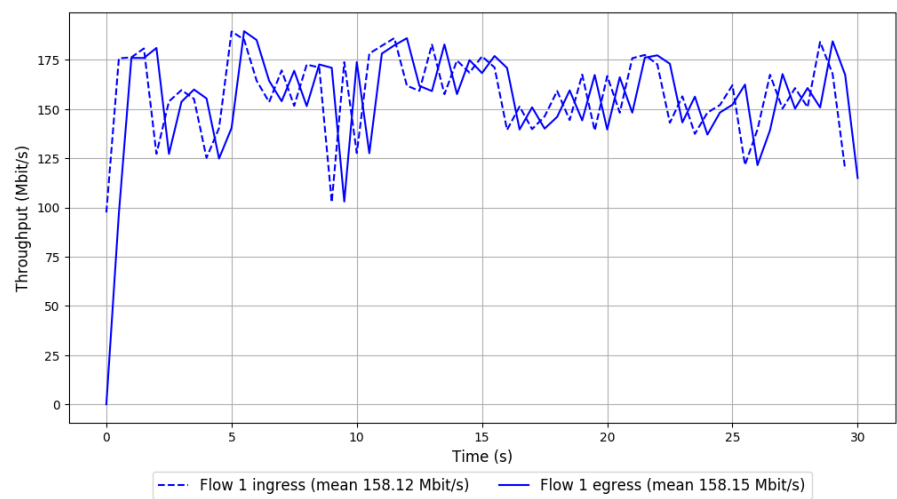
-- Flow 1:

Average throughput: 158.15 Mbit/s

95th percentile per-packet one-way delay: 0.935 ms

Loss rate: 0.05%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2018-07-10 14:15:11

End at: 2018-07-10 14:15:41

Local clock offset: 0.361 ms

Remote clock offset: 1.127 ms

# Below is generated by plot.py at 2018-07-10 17:57:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 171.12 Mbit/s

95th percentile per-packet one-way delay: 1.020 ms

Loss rate: 0.08%

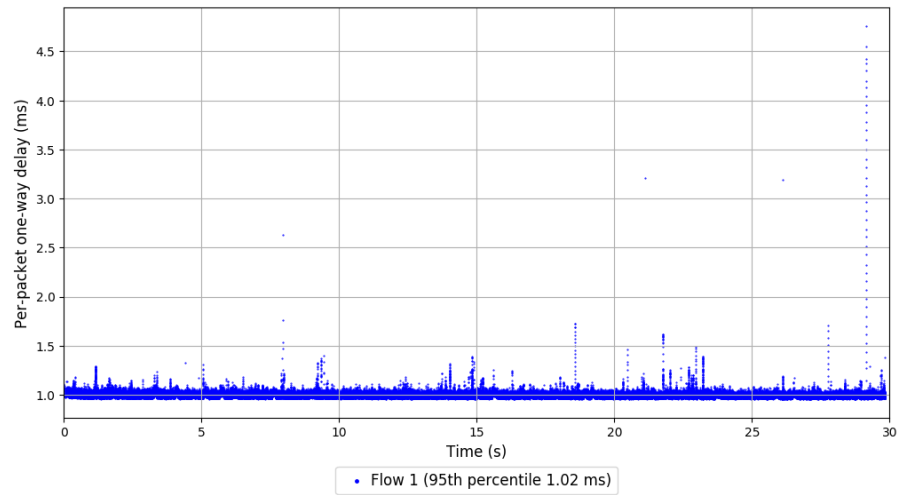
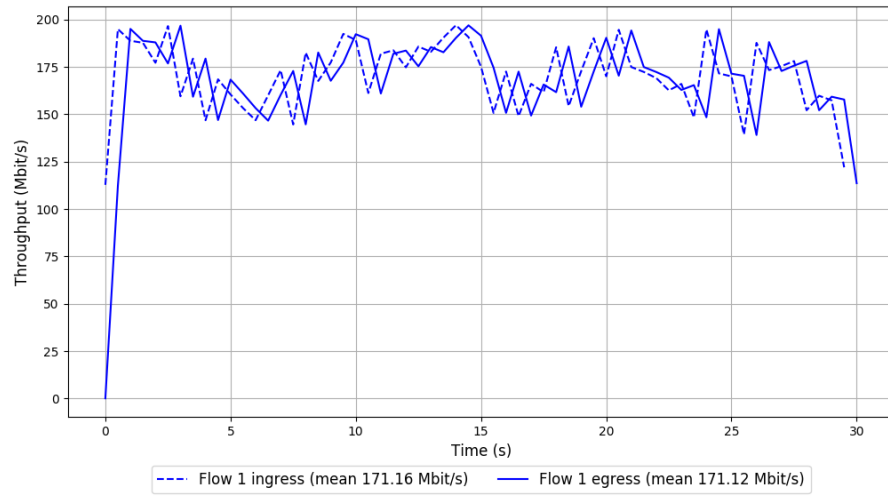
-- Flow 1:

Average throughput: 171.12 Mbit/s

95th percentile per-packet one-way delay: 1.020 ms

Loss rate: 0.08%

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



Run 6: Statistics of Indigo

Start at: 2018-07-10 14:41:00

End at: 2018-07-10 14:41:30

Local clock offset: 0.29 ms

Remote clock offset: 1.059 ms

# Below is generated by plot.py at 2018-07-10 17:57:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 175.83 Mbit/s

95th percentile per-packet one-way delay: 1.057 ms

Loss rate: 0.08%

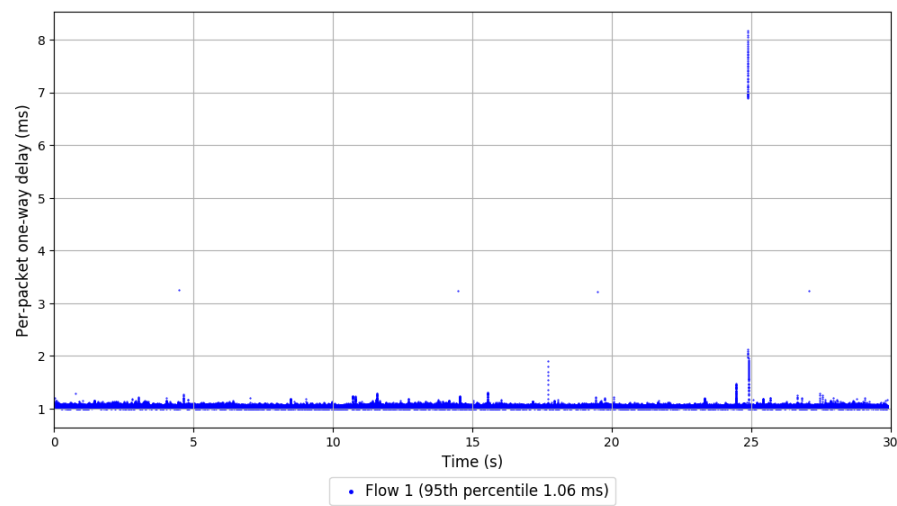
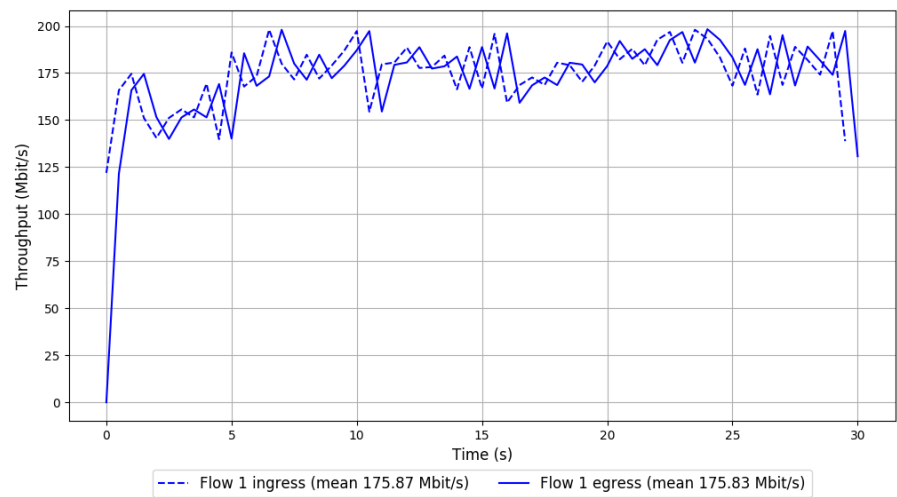
-- Flow 1:

Average throughput: 175.83 Mbit/s

95th percentile per-packet one-way delay: 1.057 ms

Loss rate: 0.08%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-07-10 15:06:41

End at: 2018-07-10 15:07:11

Local clock offset: 0.28 ms

Remote clock offset: 1.159 ms

# Below is generated by plot.py at 2018-07-10 17:57:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 170.97 Mbit/s

95th percentile per-packet one-way delay: 1.082 ms

Loss rate: 0.06%

-- Flow 1:

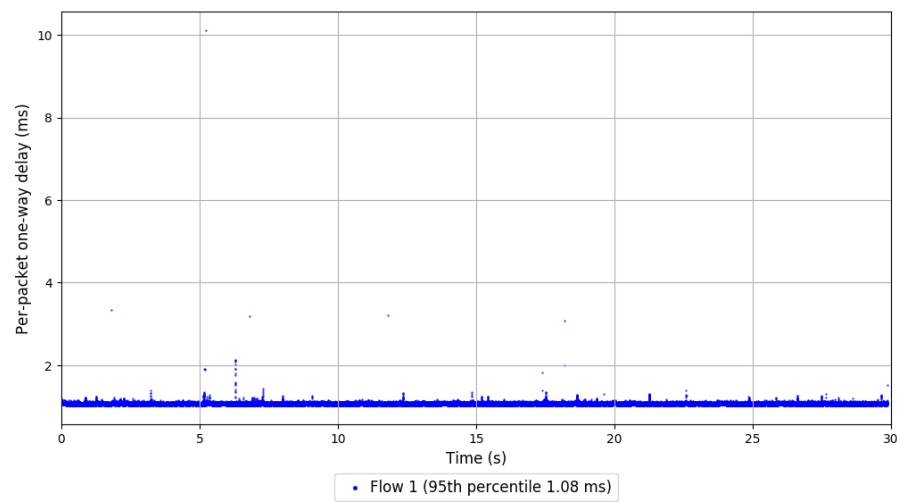
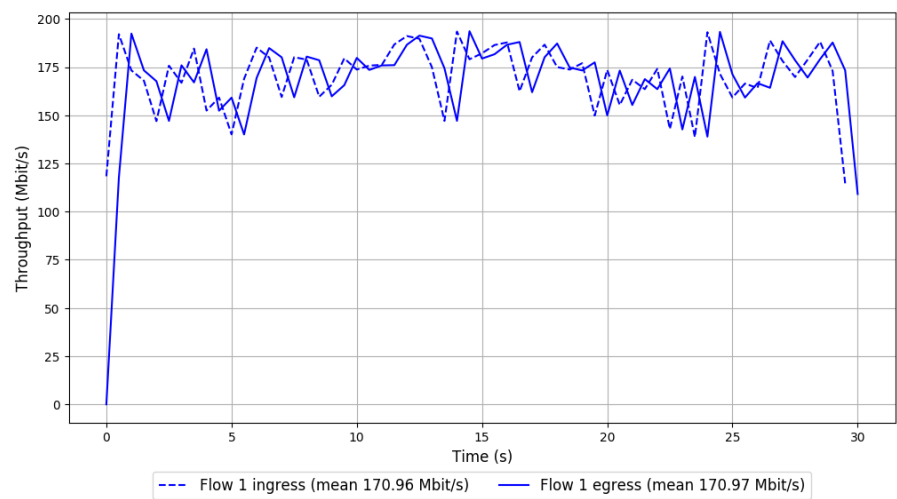
Average throughput: 170.97 Mbit/s

95th percentile per-packet one-way delay: 1.082 ms

Loss rate: 0.06%



Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-07-10 15:32:30

End at: 2018-07-10 15:33:00

Local clock offset: 0.128 ms

Remote clock offset: 1.186 ms

# Below is generated by plot.py at 2018-07-10 17:57:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 174.59 Mbit/s

95th percentile per-packet one-way delay: 1.011 ms

Loss rate: 0.07%

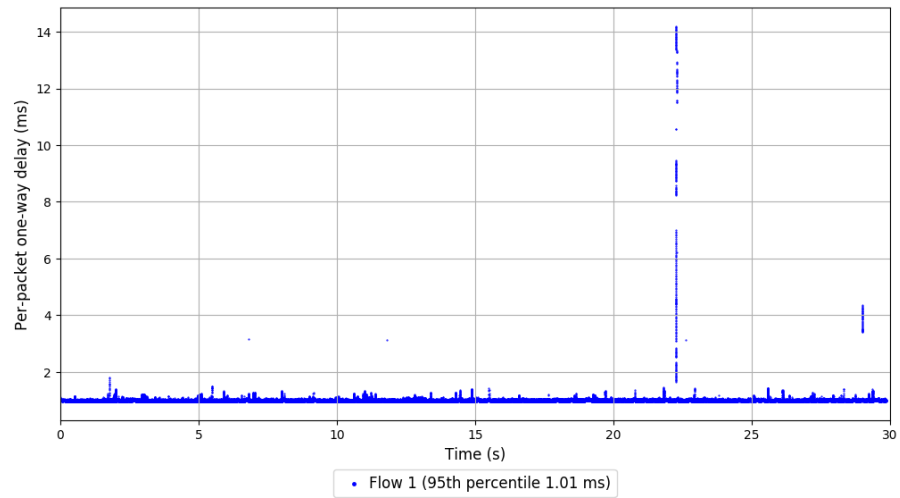
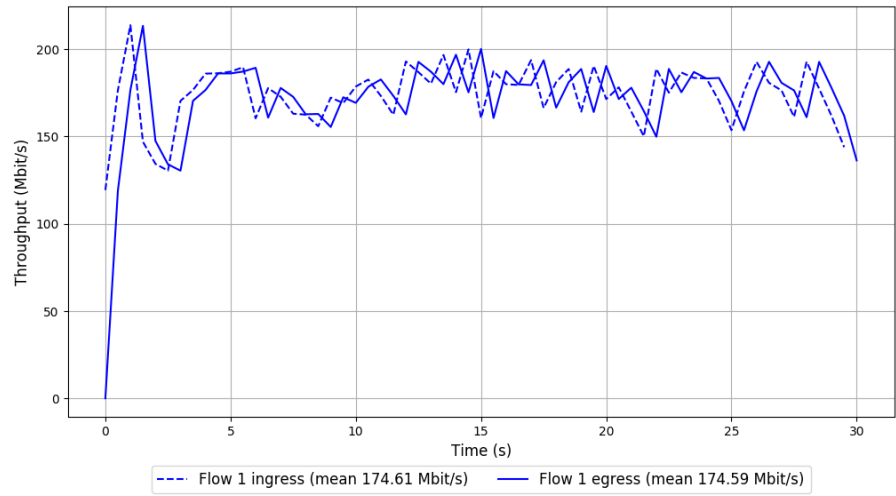
-- Flow 1:

Average throughput: 174.59 Mbit/s

95th percentile per-packet one-way delay: 1.011 ms

Loss rate: 0.07%

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



Run 9: Statistics of Indigo

Start at: 2018-07-10 15:58:25

End at: 2018-07-10 15:58:55

Local clock offset: 0.008 ms

Remote clock offset: 1.255 ms

# Below is generated by plot.py at 2018-07-10 17:57:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 156.08 Mbit/s

95th percentile per-packet one-way delay: 1.025 ms

Loss rate: 0.09%

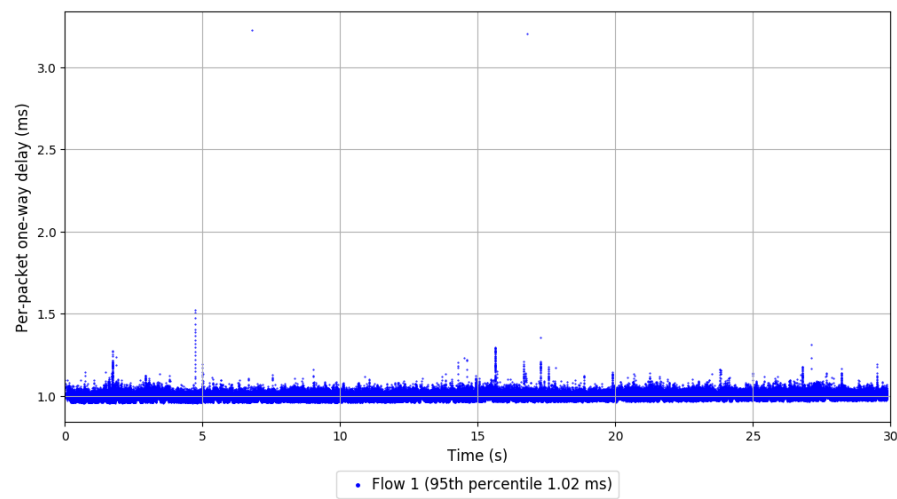
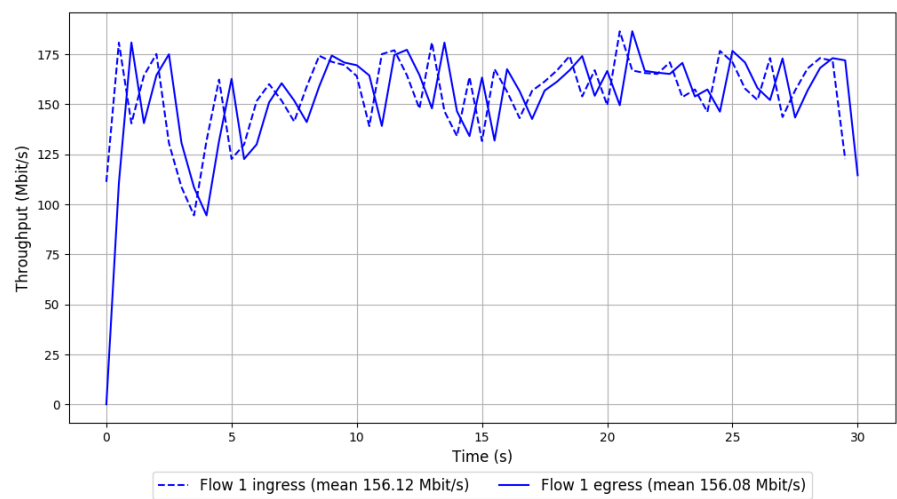
-- Flow 1:

Average throughput: 156.08 Mbit/s

95th percentile per-packet one-way delay: 1.025 ms

Loss rate: 0.09%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-07-10 16:24:21

End at: 2018-07-10 16:24:51

Local clock offset: -0.295 ms

Remote clock offset: 0.628 ms

# Below is generated by plot.py at 2018-07-10 17:57:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 156.50 Mbit/s

95th percentile per-packet one-way delay: 1.093 ms

Loss rate: 0.09%

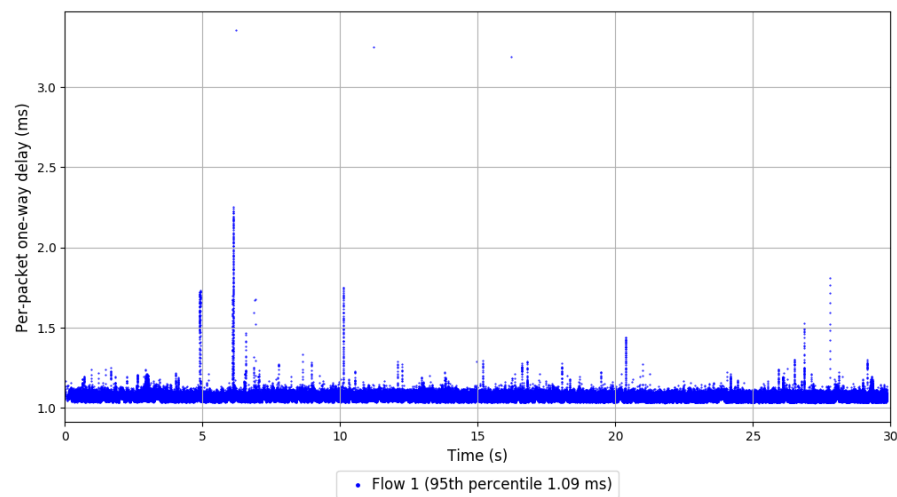
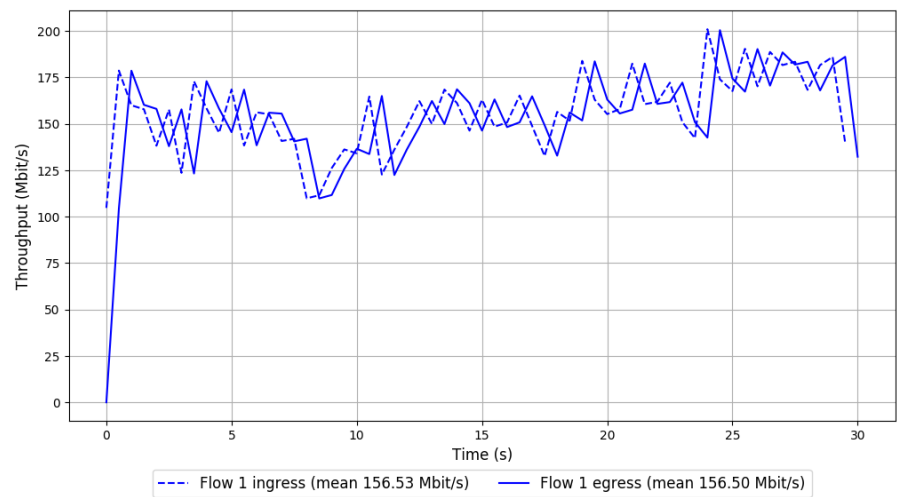
-- Flow 1:

Average throughput: 156.50 Mbit/s

95th percentile per-packet one-way delay: 1.093 ms

Loss rate: 0.09%

Run 10: Report of Indigo — Data Link



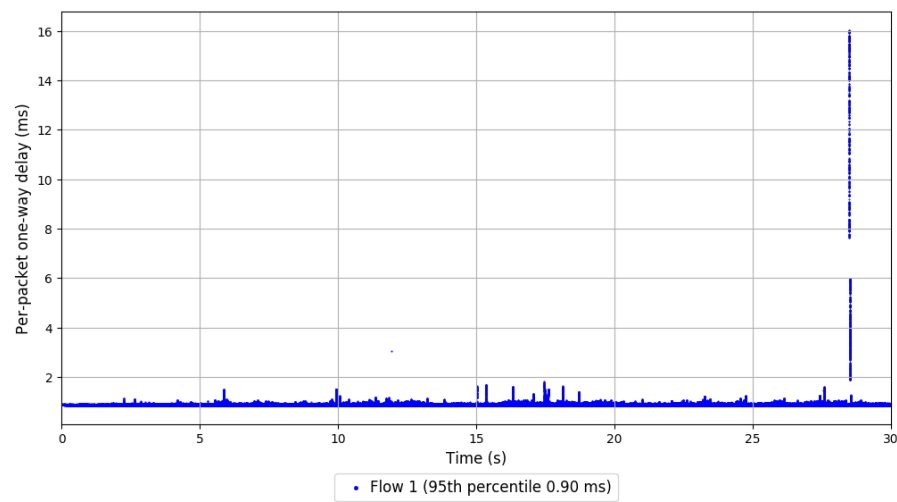
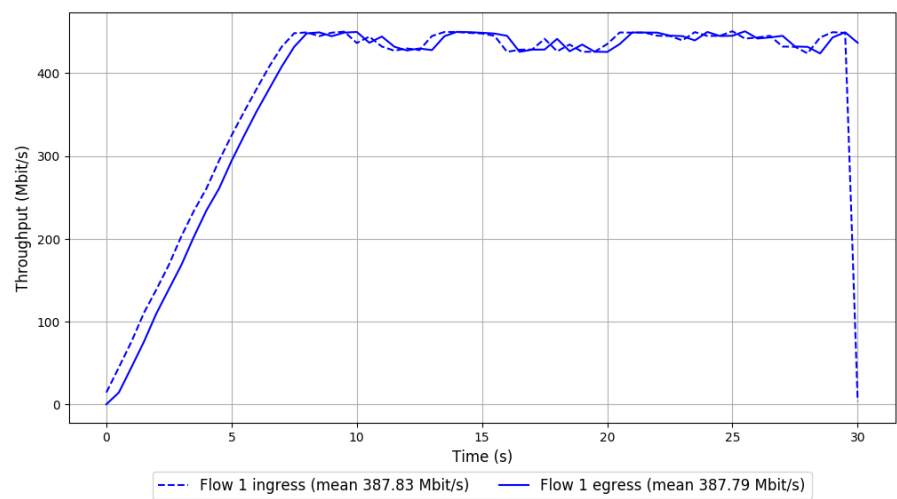
Run 1: Statistics of LEDBAT

Start at: 2018-07-10 12:18:15  
End at: 2018-07-10 12:18:45  
Local clock offset: 0.108 ms  
Remote clock offset: -0.578 ms

# Below is generated by plot.py at 2018-07-10 17:57:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 387.79 Mbit/s  
95th percentile per-packet one-way delay: 0.902 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 387.79 Mbit/s  
95th percentile per-packet one-way delay: 0.902 ms  
Loss rate: 0.07%



Run 1: Report of LEDBAT — Data Link

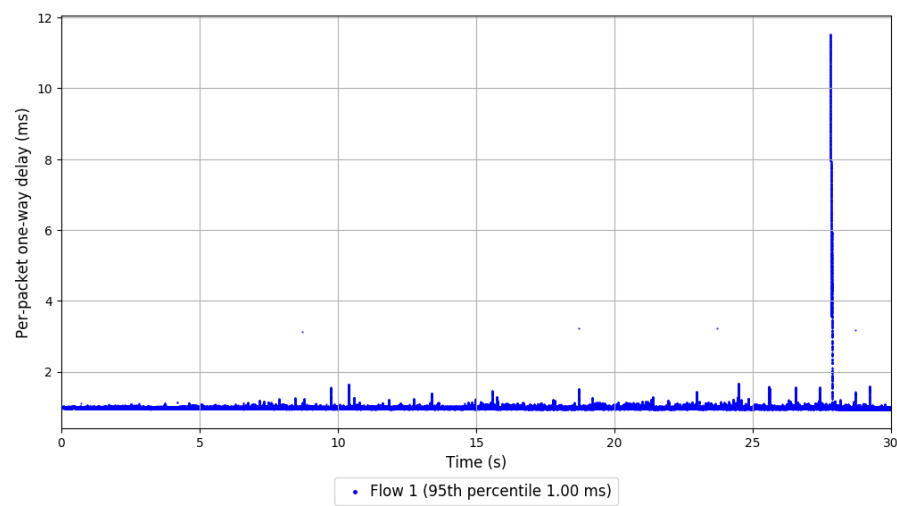
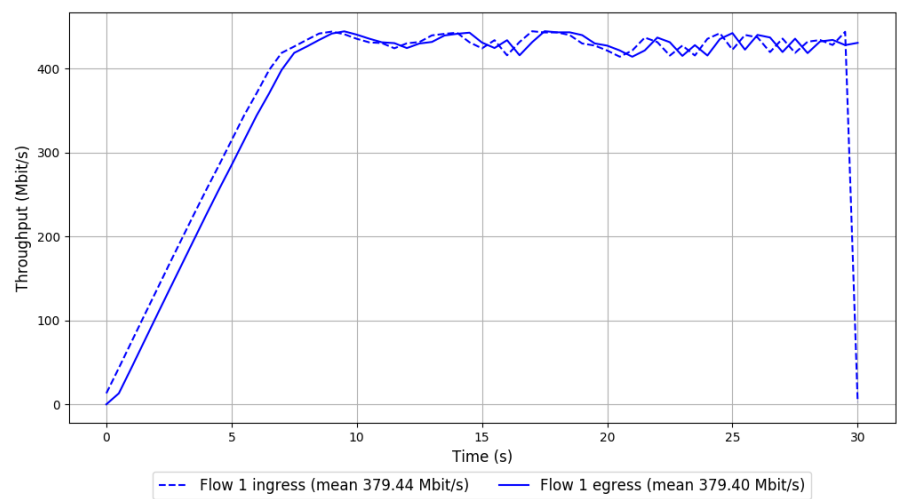


Run 2: Statistics of LEDBAT

Start at: 2018-07-10 12:43:59  
End at: 2018-07-10 12:44:29  
Local clock offset: 0.294 ms  
Remote clock offset: -0.375 ms

# Below is generated by plot.py at 2018-07-10 17:57:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 379.40 Mbit/s  
95th percentile per-packet one-way delay: 0.996 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 379.40 Mbit/s  
95th percentile per-packet one-way delay: 0.996 ms  
Loss rate: 0.07%

Run 2: Report of LEDBAT — Data Link

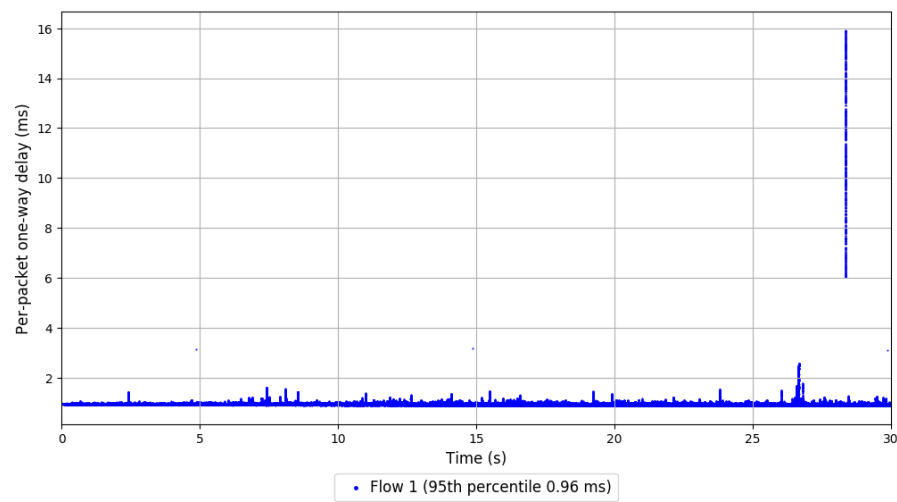
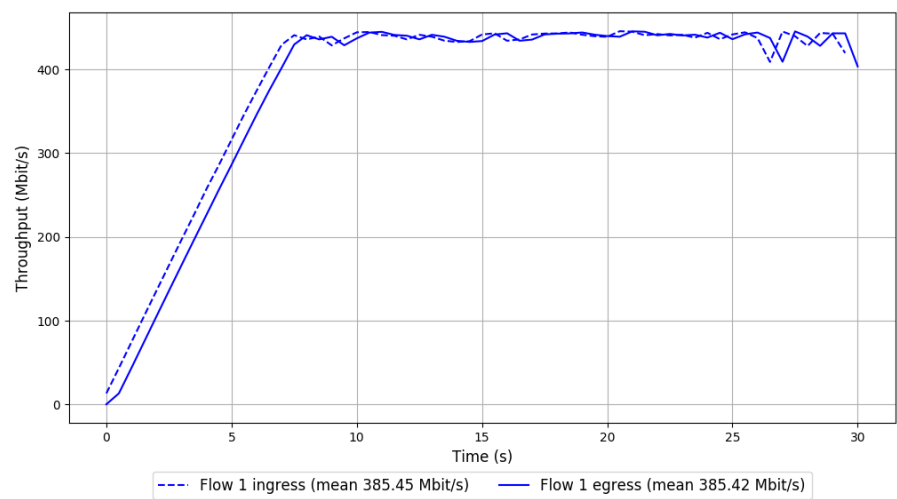


Run 3: Statistics of LEDBAT

Start at: 2018-07-10 13:09:47  
End at: 2018-07-10 13:10:17  
Local clock offset: 0.346 ms  
Remote clock offset: -3.901 ms

# Below is generated by plot.py at 2018-07-10 17:57:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 385.42 Mbit/s  
95th percentile per-packet one-way delay: 0.960 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 385.42 Mbit/s  
95th percentile per-packet one-way delay: 0.960 ms  
Loss rate: 0.07%

Run 3: Report of LEDBAT — Data Link

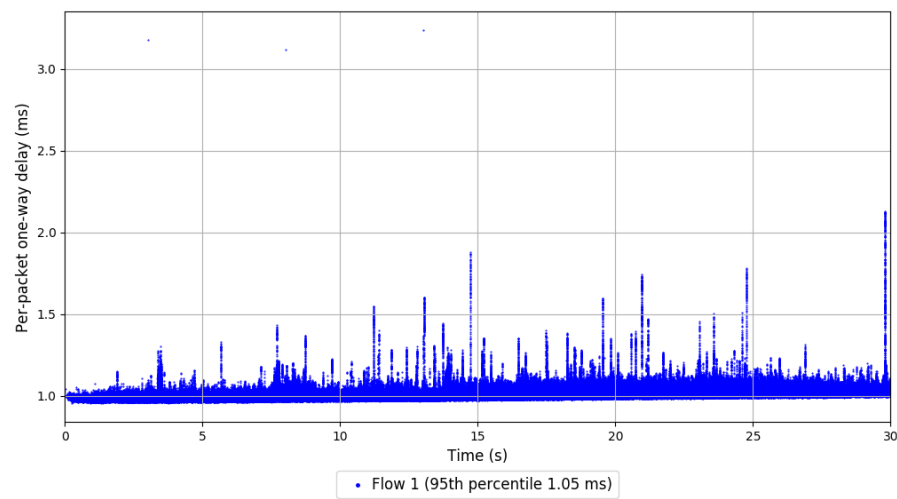
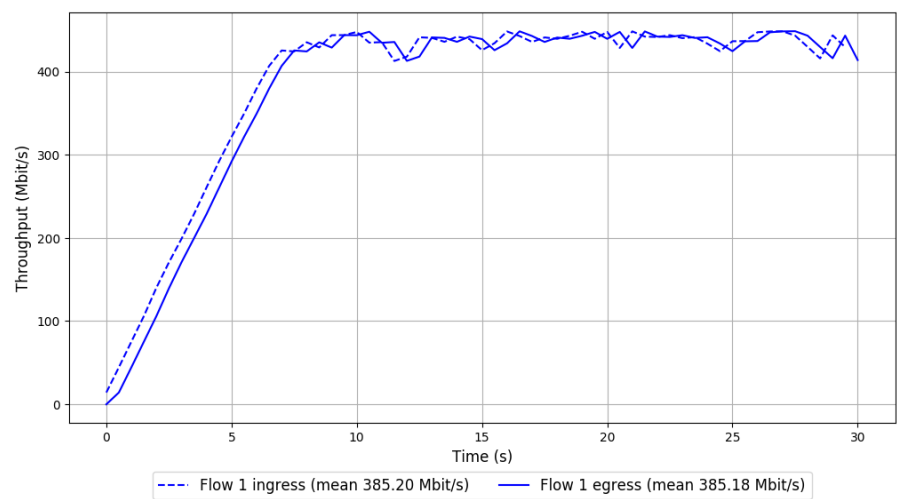


Run 4: Statistics of LEDBAT

Start at: 2018-07-10 13:35:41  
End at: 2018-07-10 13:36:11  
Local clock offset: 0.469 ms  
Remote clock offset: -0.571 ms

# Below is generated by plot.py at 2018-07-10 17:57:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 385.18 Mbit/s  
95th percentile per-packet one-way delay: 1.048 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 385.18 Mbit/s  
95th percentile per-packet one-way delay: 1.048 ms  
Loss rate: 0.07%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-07-10 14:01:39

End at: 2018-07-10 14:02:09

Local clock offset: 0.489 ms

Remote clock offset: 0.787 ms

# Below is generated by plot.py at 2018-07-10 17:58:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 382.73 Mbit/s

95th percentile per-packet one-way delay: 1.043 ms

Loss rate: 0.07%

-- Flow 1:

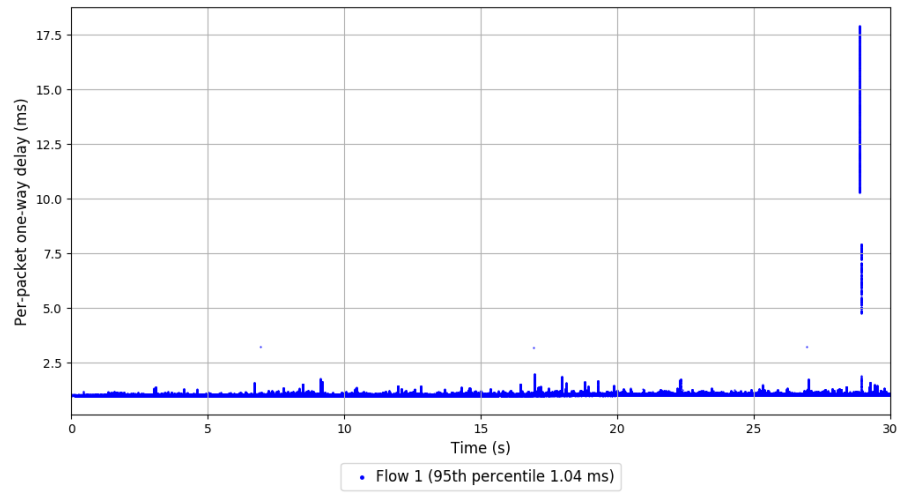
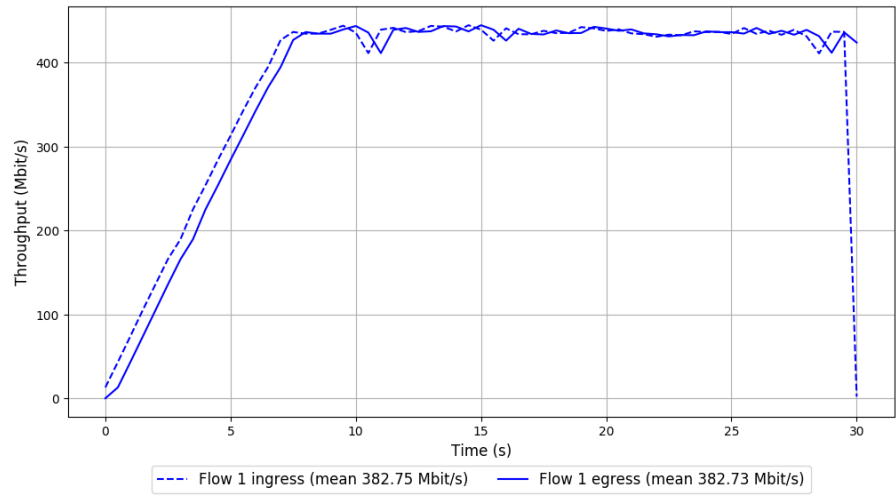
Average throughput: 382.73 Mbit/s

95th percentile per-packet one-way delay: 1.043 ms

Loss rate: 0.07%



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



Run 6: Statistics of LEDBAT

Start at: 2018-07-10 14:27:36

End at: 2018-07-10 14:28:07

Local clock offset: 0.318 ms

Remote clock offset: 1.079 ms

# Below is generated by plot.py at 2018-07-10 17:58:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 406.19 Mbit/s

95th percentile per-packet one-way delay: 1.103 ms

Loss rate: 0.07%

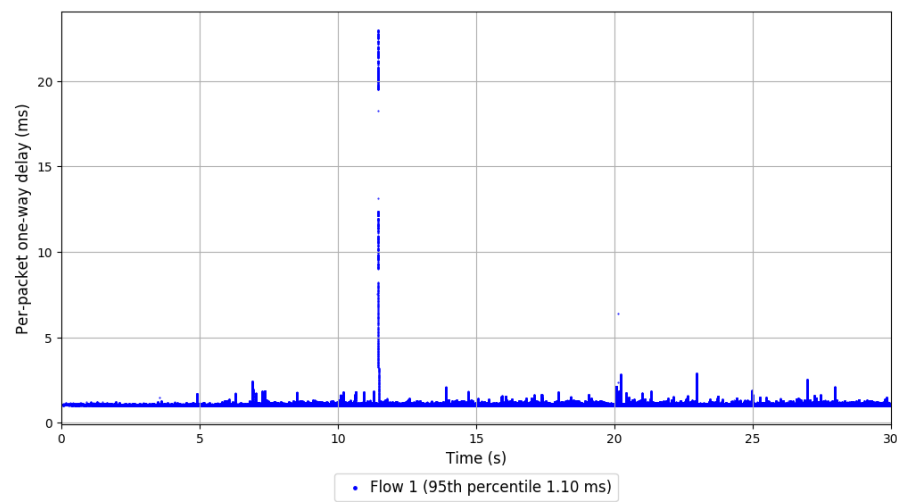
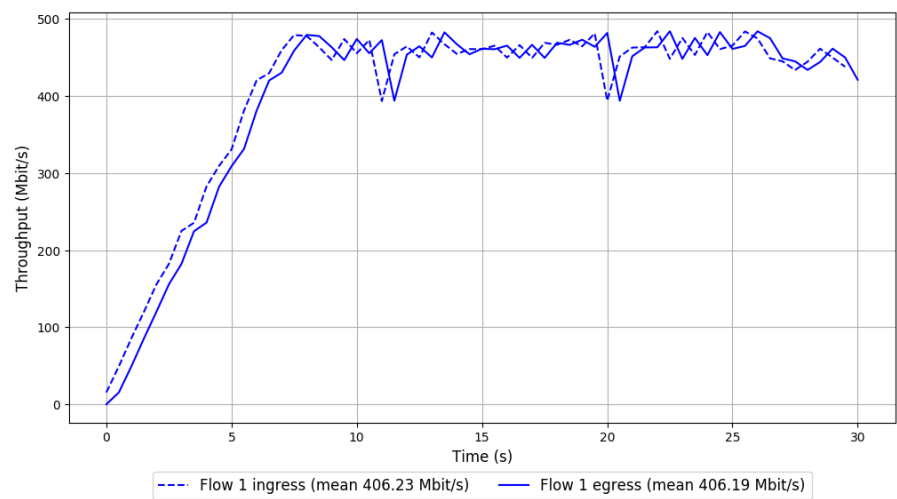
-- Flow 1:

Average throughput: 406.19 Mbit/s

95th percentile per-packet one-way delay: 1.103 ms

Loss rate: 0.07%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-07-10 14:53:13

End at: 2018-07-10 14:53:43

Local clock offset: 0.233 ms

Remote clock offset: 1.222 ms

# Below is generated by plot.py at 2018-07-10 17:59:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 382.65 Mbit/s

95th percentile per-packet one-way delay: 0.859 ms

Loss rate: 0.08%

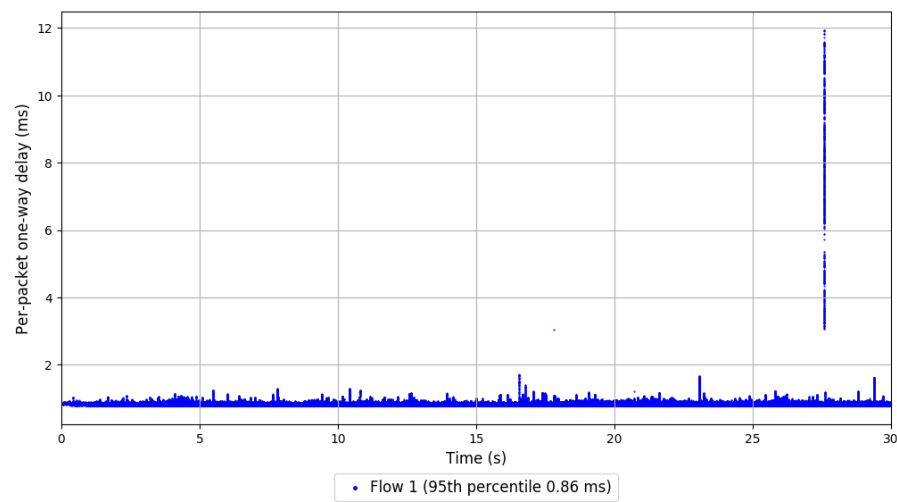
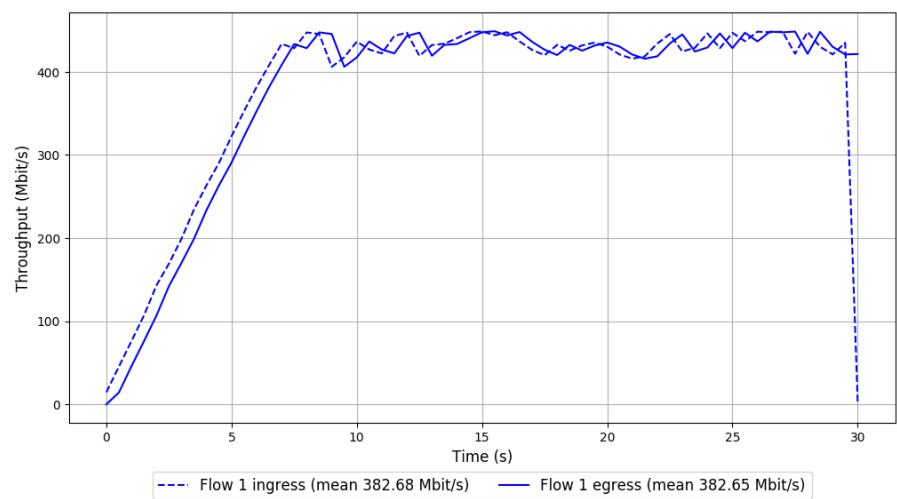
-- Flow 1:

Average throughput: 382.65 Mbit/s

95th percentile per-packet one-way delay: 0.859 ms

Loss rate: 0.08%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-07-10 15:19:04

End at: 2018-07-10 15:19:34

Local clock offset: 0.21 ms

Remote clock offset: 1.279 ms

# Below is generated by plot.py at 2018-07-10 17:59:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 361.23 Mbit/s

95th percentile per-packet one-way delay: 0.892 ms

Loss rate: 0.08%

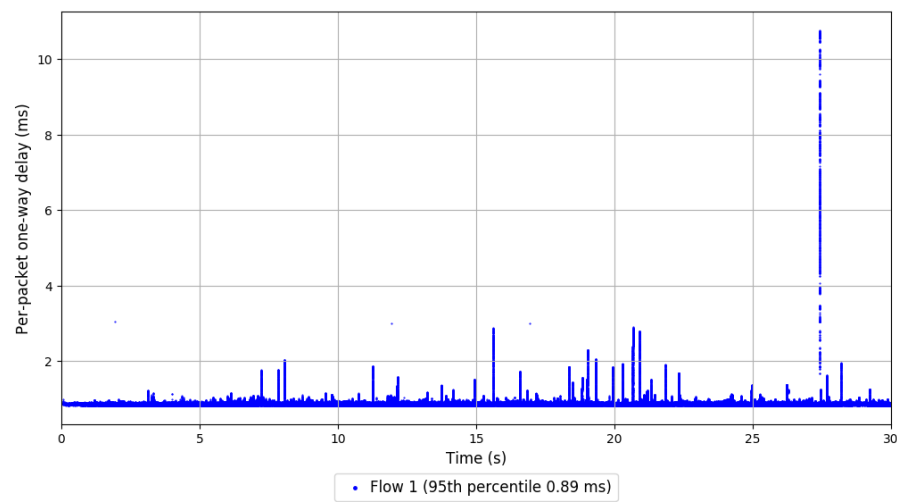
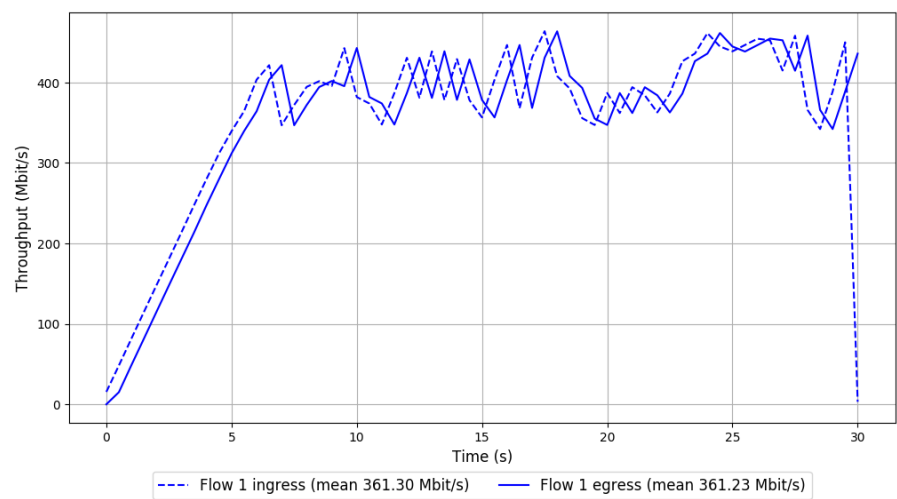
-- Flow 1:

Average throughput: 361.23 Mbit/s

95th percentile per-packet one-way delay: 0.892 ms

Loss rate: 0.08%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-07-10 15:45:01

End at: 2018-07-10 15:45:31

Local clock offset: 0.237 ms

Remote clock offset: 1.255 ms

# Below is generated by plot.py at 2018-07-10 17:59:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 360.23 Mbit/s

95th percentile per-packet one-way delay: 1.039 ms

Loss rate: 0.08%

-- Flow 1:

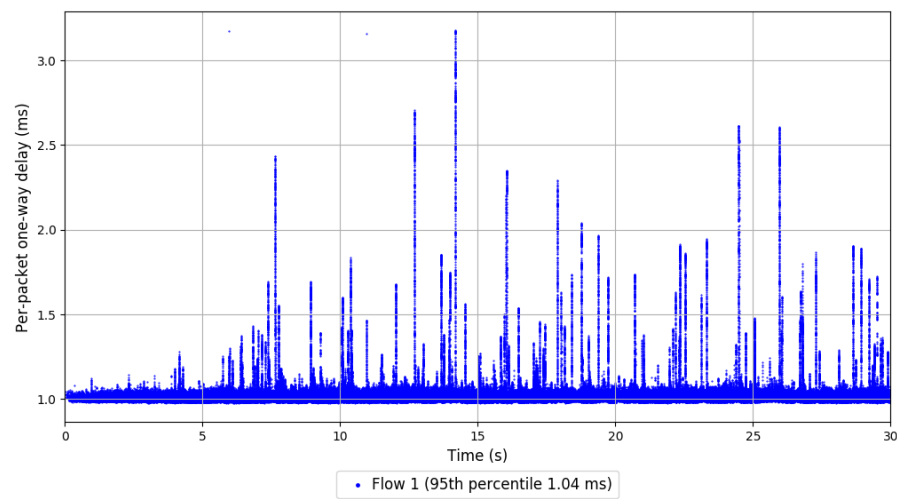
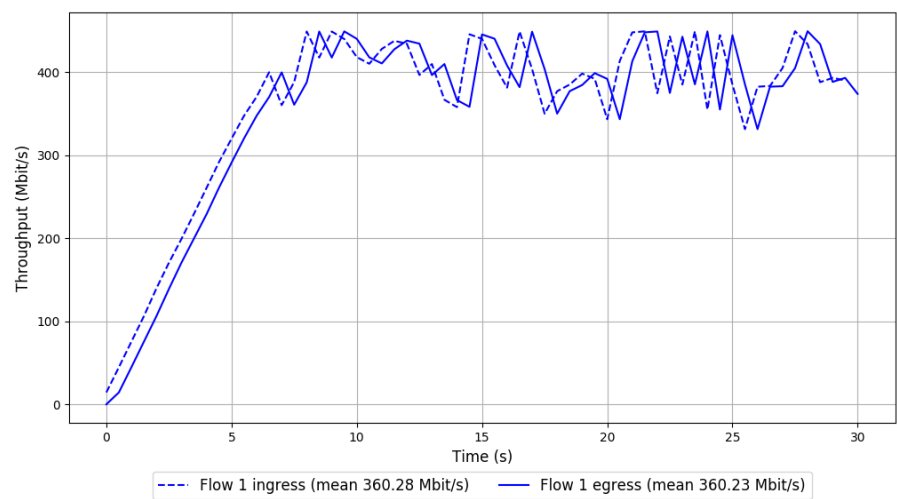
Average throughput: 360.23 Mbit/s

95th percentile per-packet one-way delay: 1.039 ms

Loss rate: 0.08%



Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-07-10 16:10:51

End at: 2018-07-10 16:11:21

Local clock offset: -0.251 ms

Remote clock offset: 1.129 ms

# Below is generated by plot.py at 2018-07-10 17:59:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 363.56 Mbit/s

95th percentile per-packet one-way delay: 0.894 ms

Loss rate: 0.08%

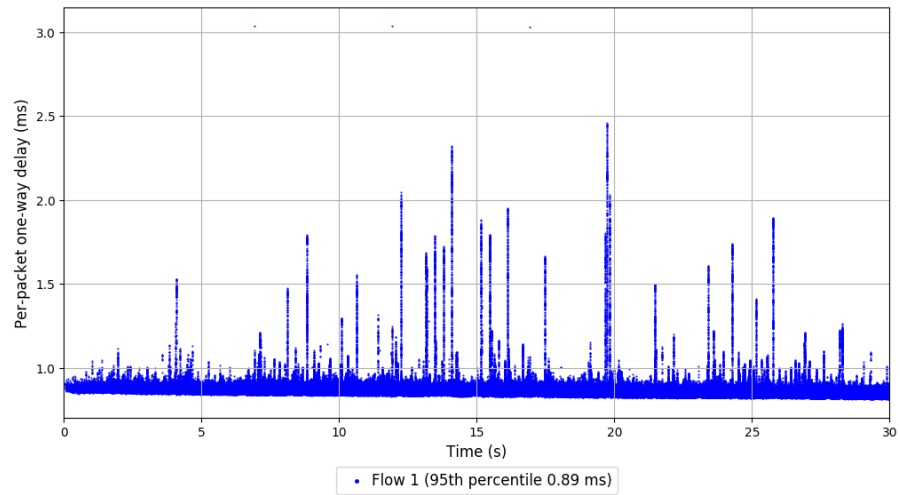
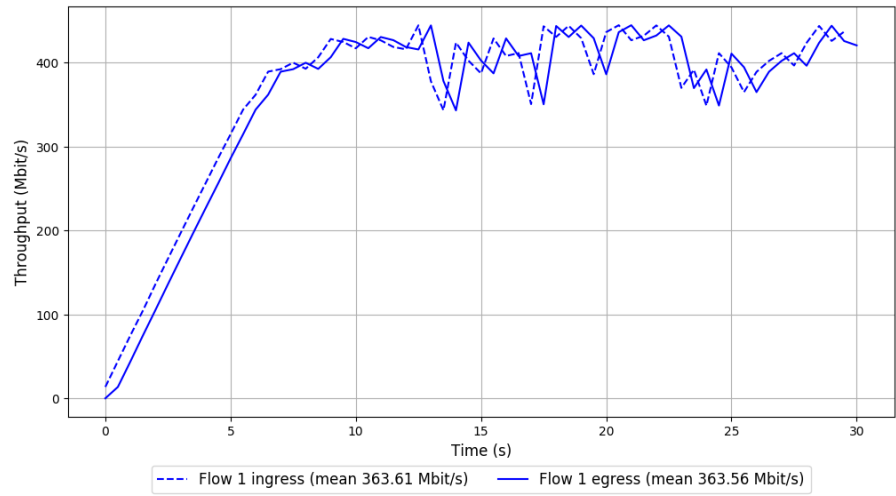
-- Flow 1:

Average throughput: 363.56 Mbit/s

95th percentile per-packet one-way delay: 0.894 ms

Loss rate: 0.08%

# Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-07-10 12:26:59

End at: 2018-07-10 12:27:29

Local clock offset: 0.231 ms

Remote clock offset: -0.468 ms

# Below is generated by plot.py at 2018-07-10 18:05:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 868.78 Mbit/s

95th percentile per-packet one-way delay: 2.013 ms

Loss rate: 0.07%

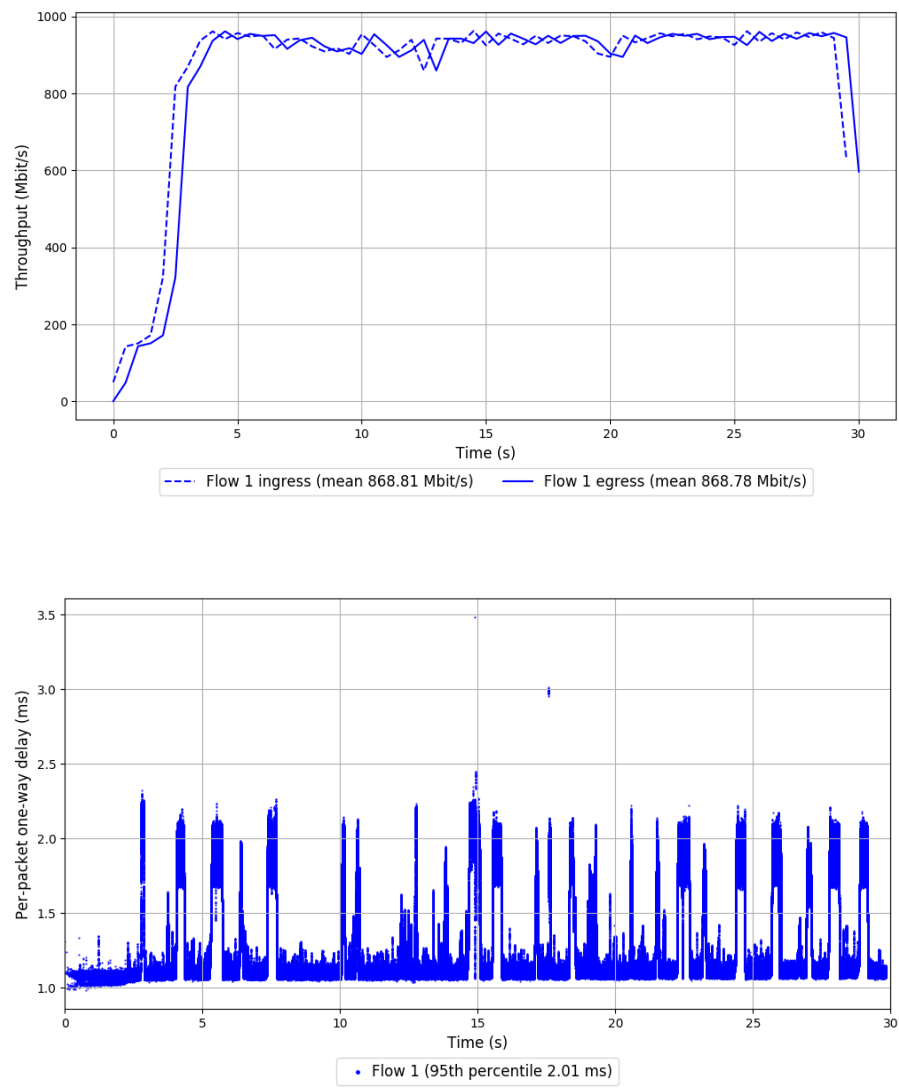
-- Flow 1:

Average throughput: 868.78 Mbit/s

95th percentile per-packet one-way delay: 2.013 ms

Loss rate: 0.07%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-10 12:52:42

End at: 2018-07-10 12:53:12

Local clock offset: 0.338 ms

Remote clock offset: -2.332 ms

# Below is generated by plot.py at 2018-07-10 18:08:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 911.18 Mbit/s

95th percentile per-packet one-way delay: 1.962 ms

Loss rate: 0.09%

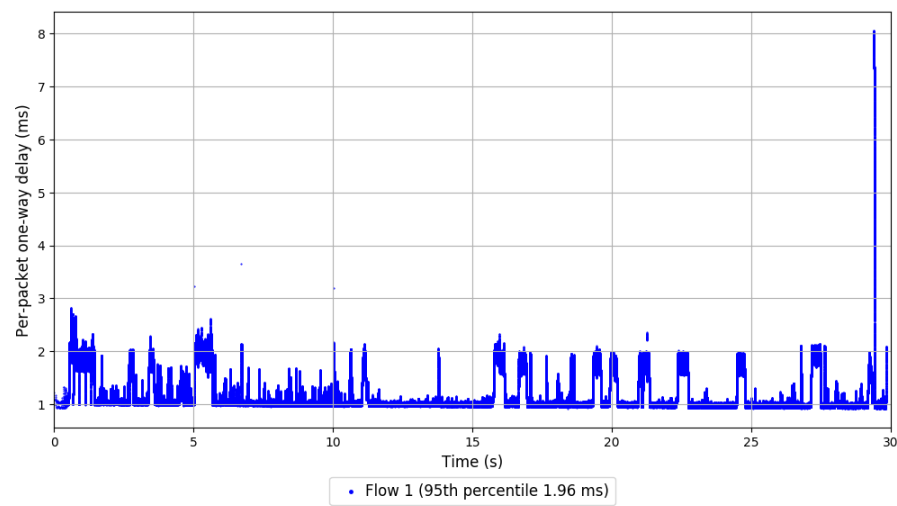
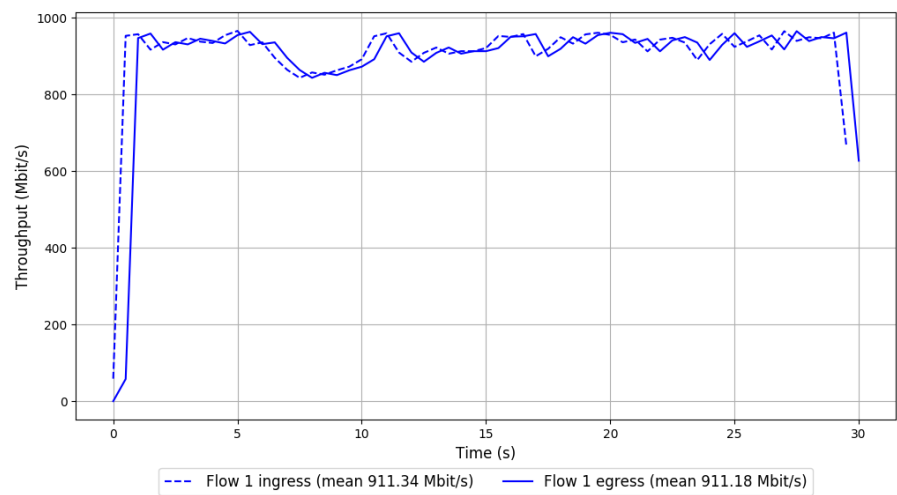
-- Flow 1:

Average throughput: 911.18 Mbit/s

95th percentile per-packet one-way delay: 1.962 ms

Loss rate: 0.09%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-07-10 13:18:30

End at: 2018-07-10 13:19:00

Local clock offset: 0.328 ms

Remote clock offset: -4.473 ms

# Below is generated by plot.py at 2018-07-10 18:09:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 919.49 Mbit/s

95th percentile per-packet one-way delay: 2.026 ms

Loss rate: 0.06%

-- Flow 1:

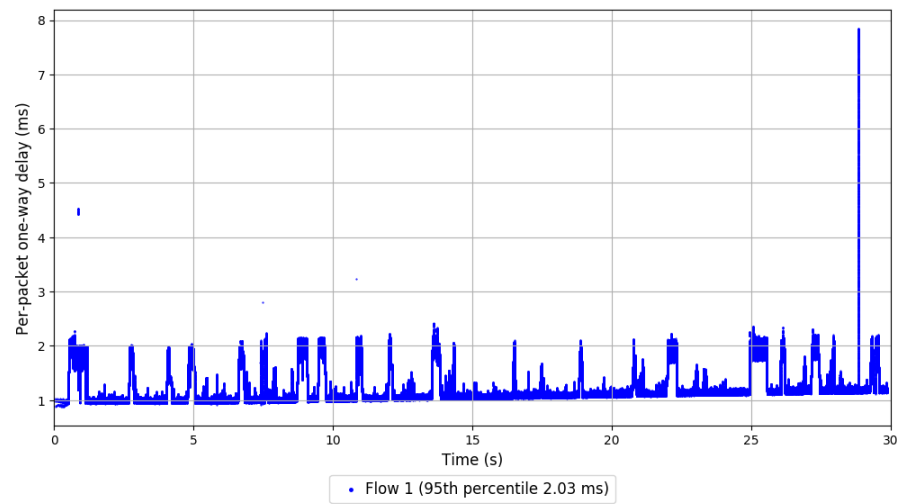
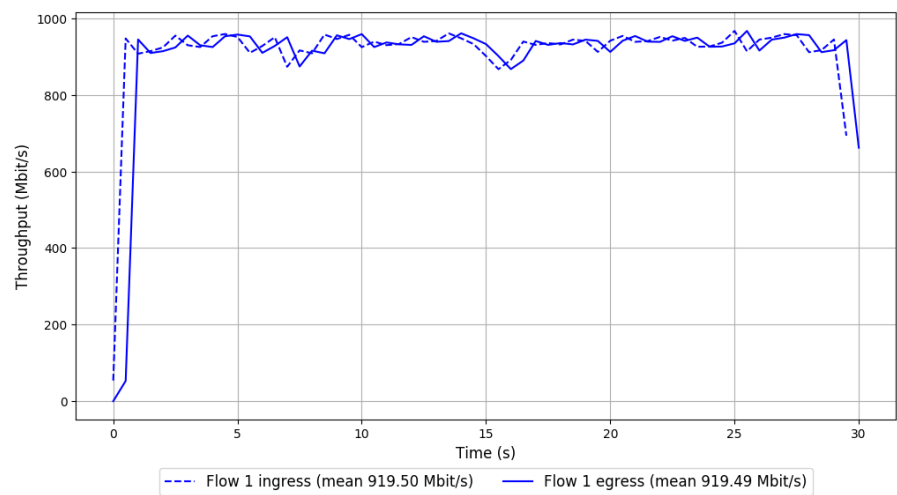
Average throughput: 919.49 Mbit/s

95th percentile per-packet one-way delay: 2.026 ms

Loss rate: 0.06%



Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-07-10 13:44:25

End at: 2018-07-10 13:44:55

Local clock offset: 0.501 ms

Remote clock offset: -0.123 ms

# Below is generated by plot.py at 2018-07-10 18:09:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 919.09 Mbit/s

95th percentile per-packet one-way delay: 2.024 ms

Loss rate: 0.07%

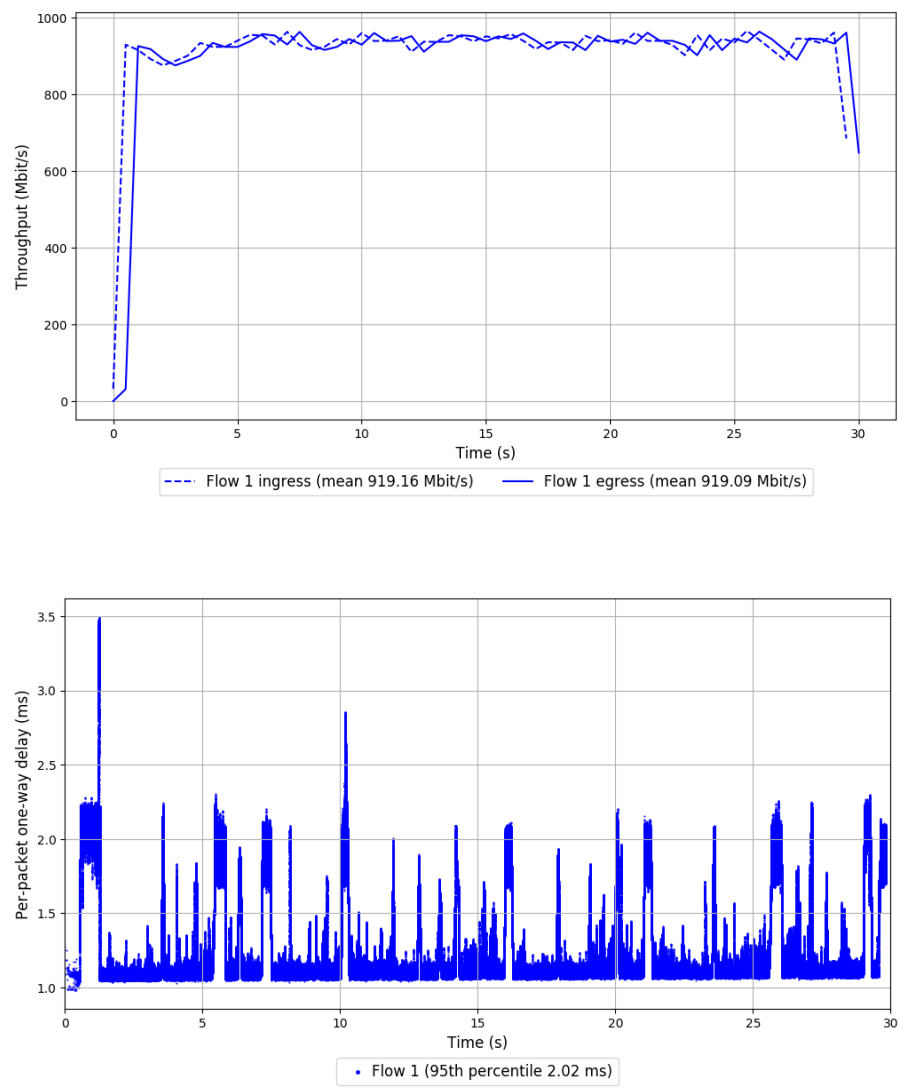
-- Flow 1:

Average throughput: 919.09 Mbit/s

95th percentile per-packet one-way delay: 2.024 ms

Loss rate: 0.07%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-07-10 14:10:24

End at: 2018-07-10 14:10:54

Local clock offset: 0.378 ms

Remote clock offset: 1.311 ms

# Below is generated by plot.py at 2018-07-10 18:09:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 919.84 Mbit/s

95th percentile per-packet one-way delay: 2.258 ms

Loss rate: 0.08%

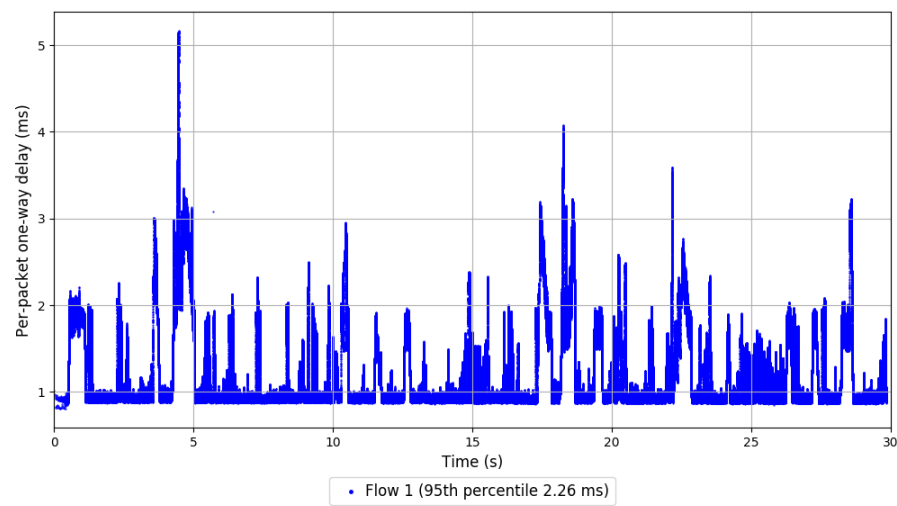
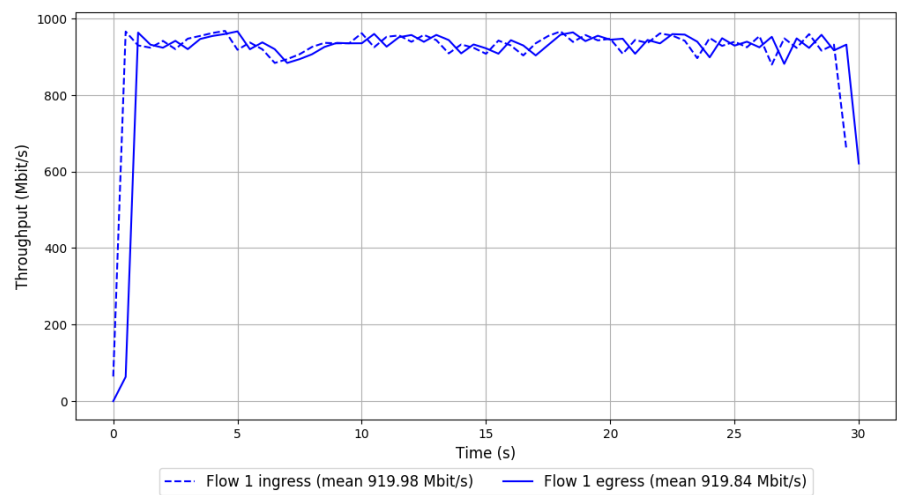
-- Flow 1:

Average throughput: 919.84 Mbit/s

95th percentile per-packet one-way delay: 2.258 ms

Loss rate: 0.08%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-10 14:36:21

End at: 2018-07-10 14:36:51

Local clock offset: 0.184 ms

Remote clock offset: 0.987 ms

# Below is generated by plot.py at 2018-07-10 18:09:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 918.77 Mbit/s

95th percentile per-packet one-way delay: 1.948 ms

Loss rate: 0.07%

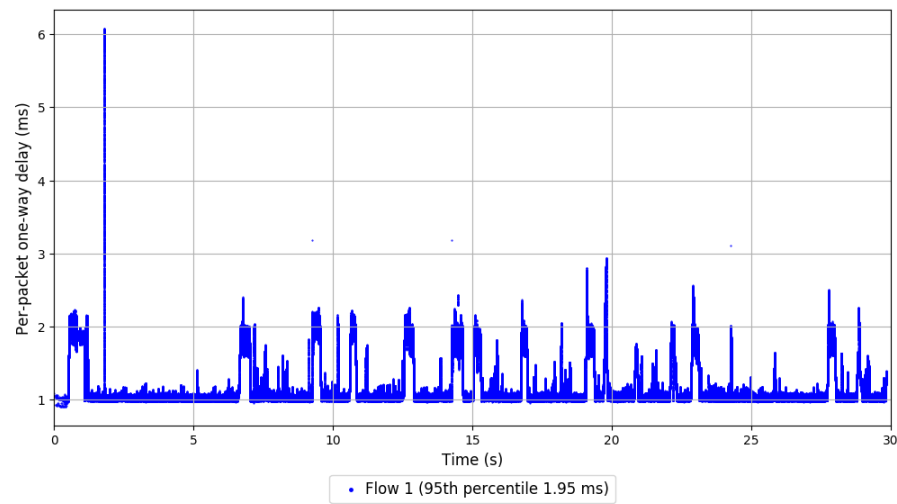
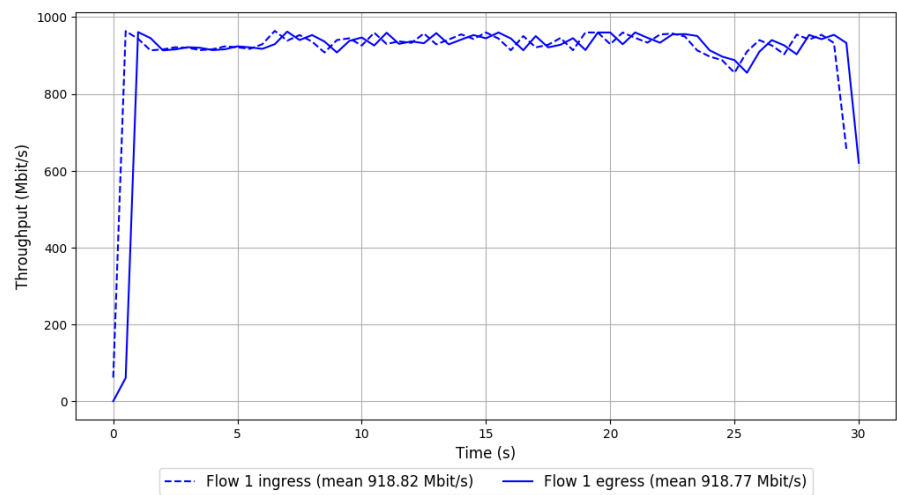
-- Flow 1:

Average throughput: 918.77 Mbit/s

95th percentile per-packet one-way delay: 1.948 ms

Loss rate: 0.07%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-07-10 15:01:57

End at: 2018-07-10 15:02:27

Local clock offset: 0.144 ms

Remote clock offset: 1.194 ms

# Below is generated by plot.py at 2018-07-10 18:10:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 920.68 Mbit/s

95th percentile per-packet one-way delay: 1.884 ms

Loss rate: 0.06%

-- Flow 1:

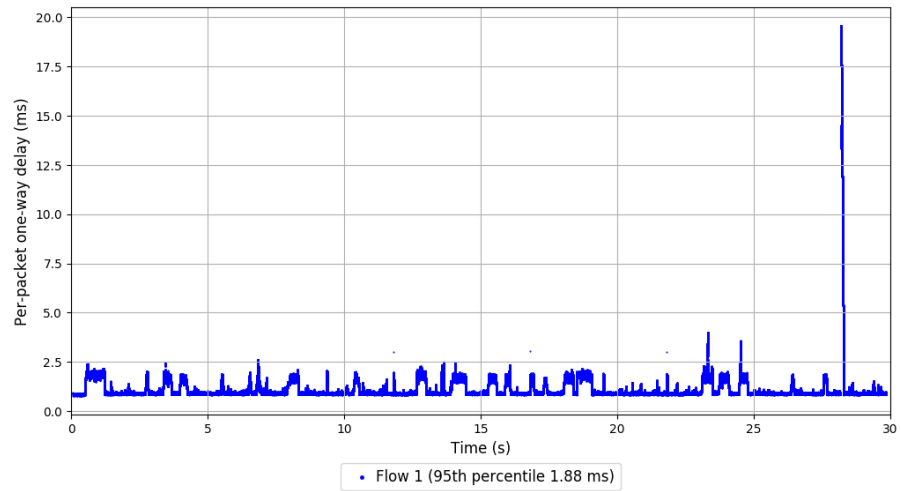
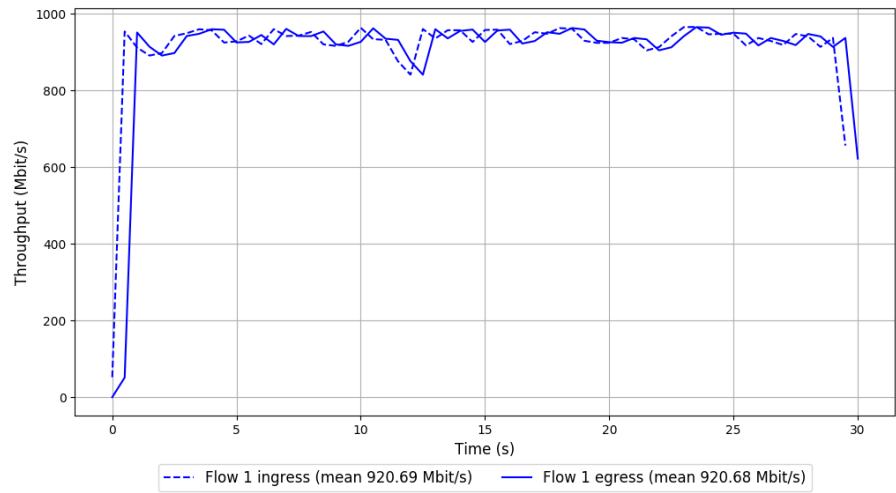
Average throughput: 920.68 Mbit/s

95th percentile per-packet one-way delay: 1.884 ms

Loss rate: 0.06%



### Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-10 15:27:47

End at: 2018-07-10 15:28:17

Local clock offset: 0.302 ms

Remote clock offset: 1.156 ms

# Below is generated by plot.py at 2018-07-10 18:10:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 925.33 Mbit/s

95th percentile per-packet one-way delay: 2.184 ms

Loss rate: 0.09%

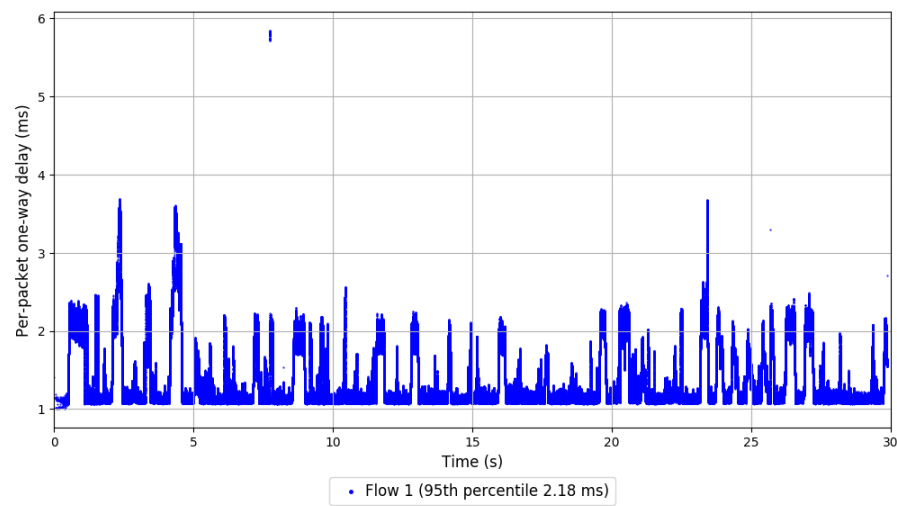
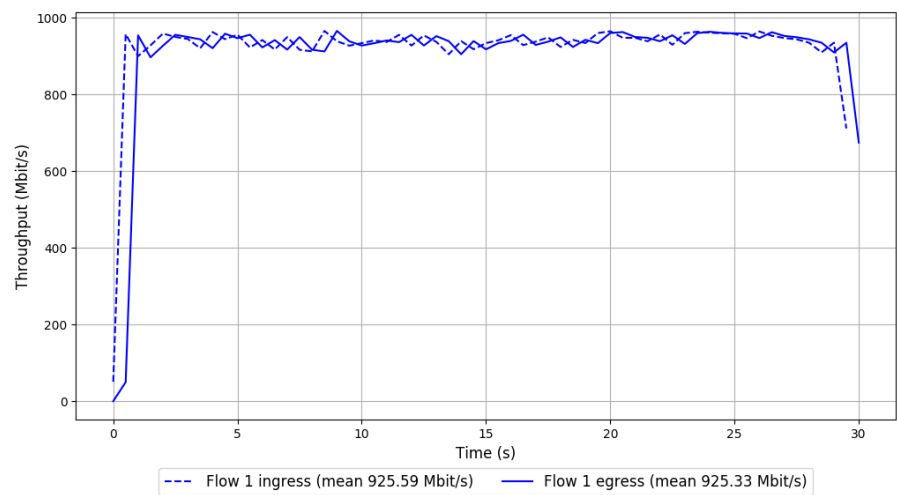
-- Flow 1:

Average throughput: 925.33 Mbit/s

95th percentile per-packet one-way delay: 2.184 ms

Loss rate: 0.09%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-07-10 15:53:45

End at: 2018-07-10 15:54:15

Local clock offset: 0.04 ms

Remote clock offset: 1.294 ms

# Below is generated by plot.py at 2018-07-10 18:17:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 923.67 Mbit/s

95th percentile per-packet one-way delay: 2.013 ms

Loss rate: 0.07%

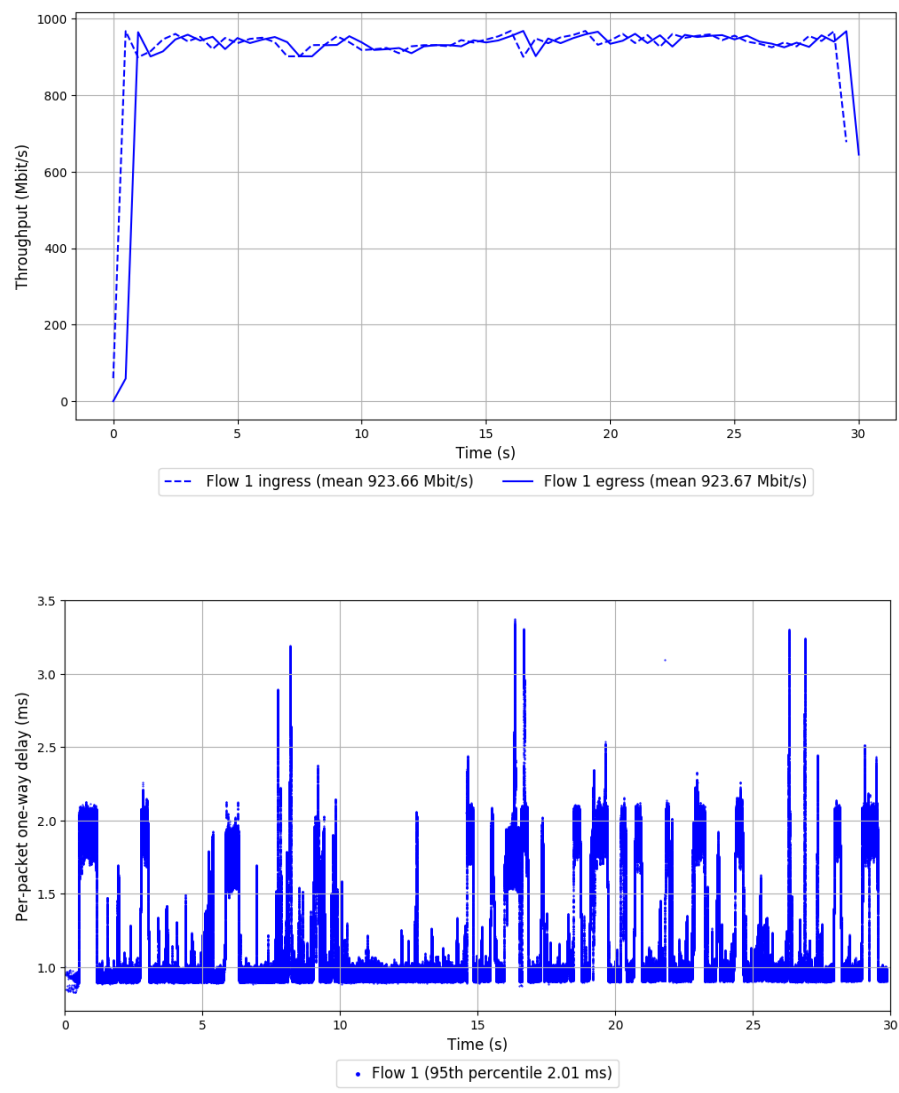
-- Flow 1:

Average throughput: 923.67 Mbit/s

95th percentile per-packet one-way delay: 2.013 ms

Loss rate: 0.07%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-07-10 16:19:35

End at: 2018-07-10 16:20:05

Local clock offset: -0.241 ms

Remote clock offset: 0.719 ms

# Below is generated by plot.py at 2018-07-10 18:19:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 918.51 Mbit/s

95th percentile per-packet one-way delay: 1.966 ms

Loss rate: 0.07%

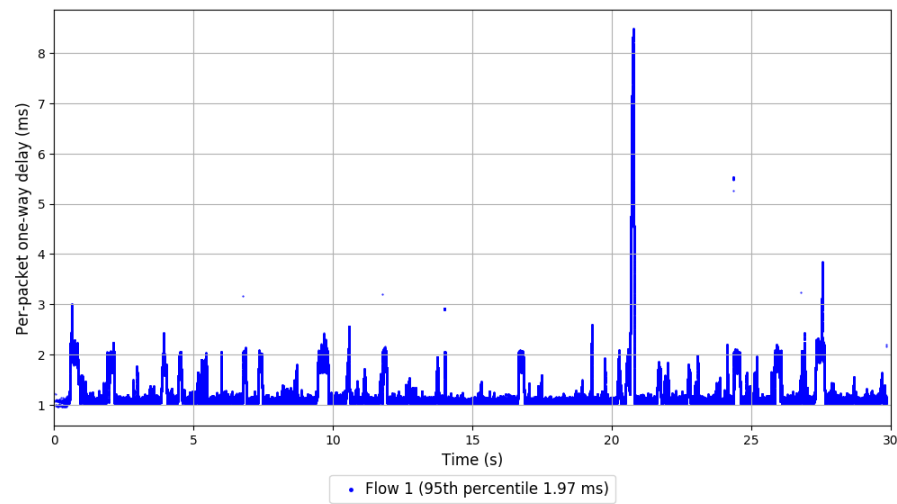
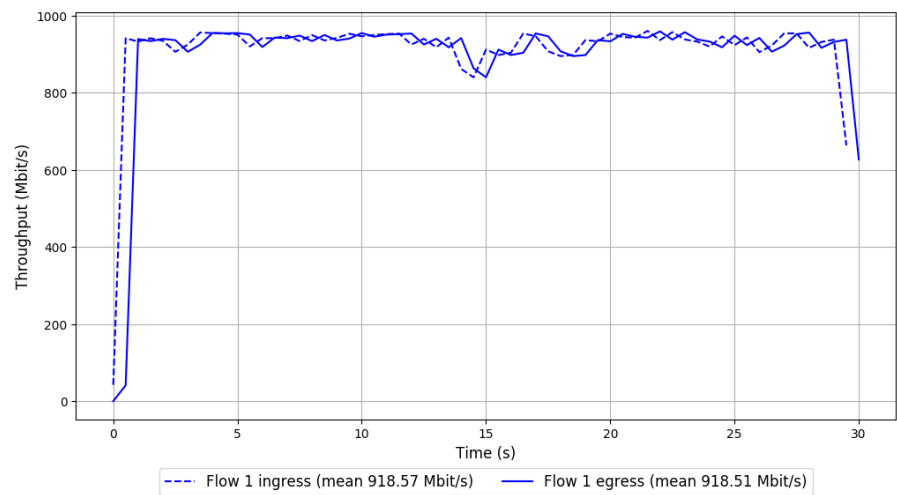
-- Flow 1:

Average throughput: 918.51 Mbit/s

95th percentile per-packet one-way delay: 1.966 ms

Loss rate: 0.07%

Run 10: Report of PCC-Allegro — Data Link



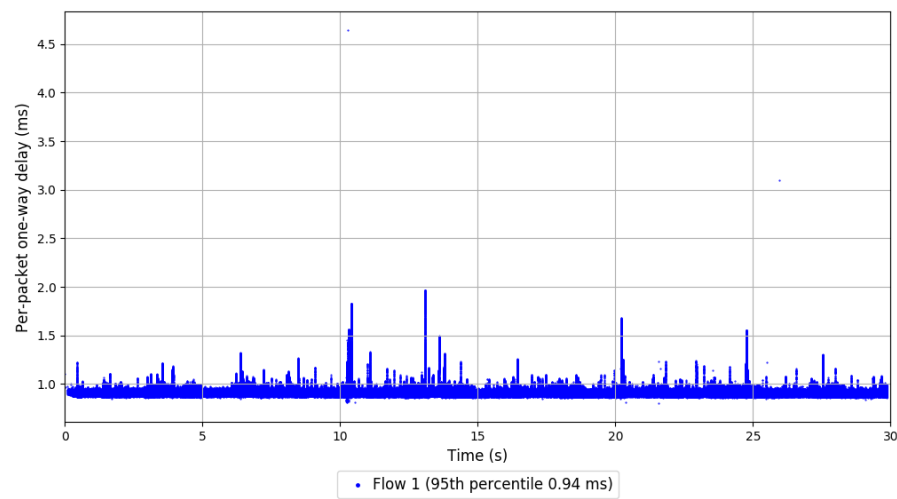
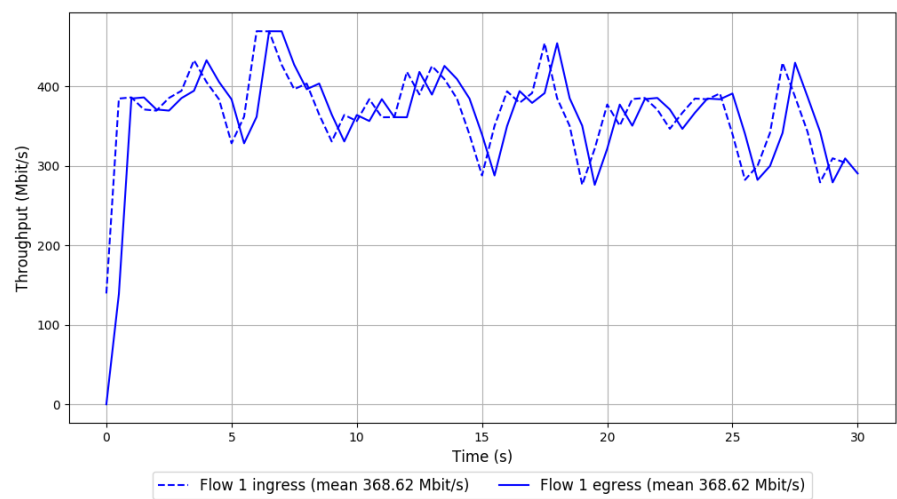
Run 1: Statistics of PCC-Expr

Start at: 2018-07-10 12:40:39  
End at: 2018-07-10 12:41:09  
Local clock offset: 0.172 ms  
Remote clock offset: -0.407 ms

# Below is generated by plot.py at 2018-07-10 18:19:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 368.62 Mbit/s  
95th percentile per-packet one-way delay: 0.940 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 368.62 Mbit/s  
95th percentile per-packet one-way delay: 0.940 ms  
Loss rate: 0.06%



Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2018-07-10 13:06:25

End at: 2018-07-10 13:06:55

Local clock offset: 0.37 ms

Remote clock offset: -3.786 ms

# Below is generated by plot.py at 2018-07-10 18:19:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 373.85 Mbit/s

95th percentile per-packet one-way delay: 1.097 ms

Loss rate: 0.06%

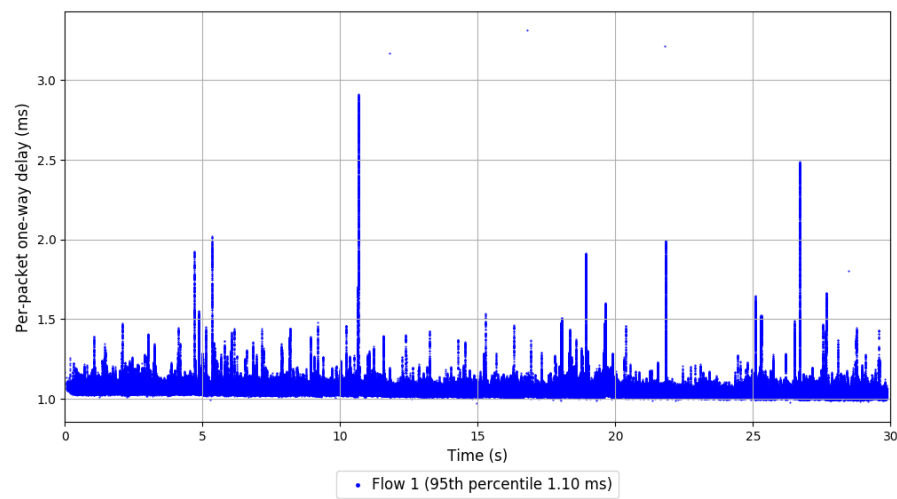
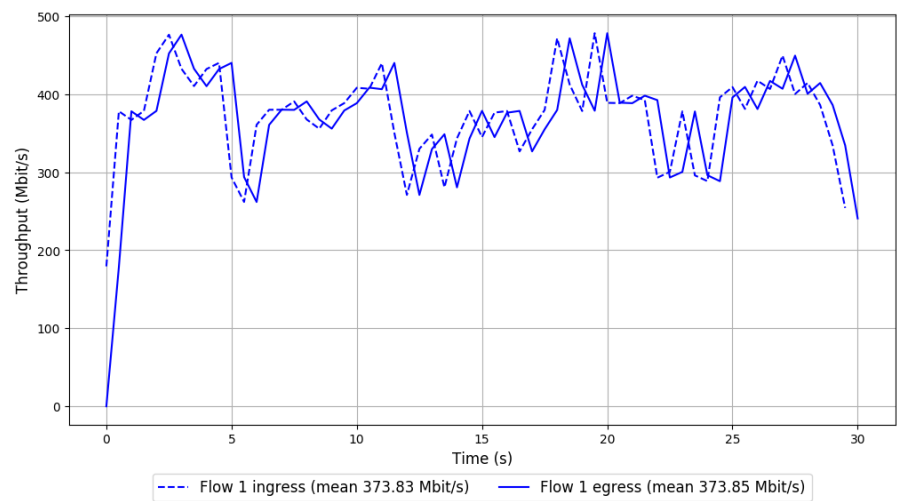
-- Flow 1:

Average throughput: 373.85 Mbit/s

95th percentile per-packet one-way delay: 1.097 ms

Loss rate: 0.06%

Run 2: Report of PCC-Expr — Data Link

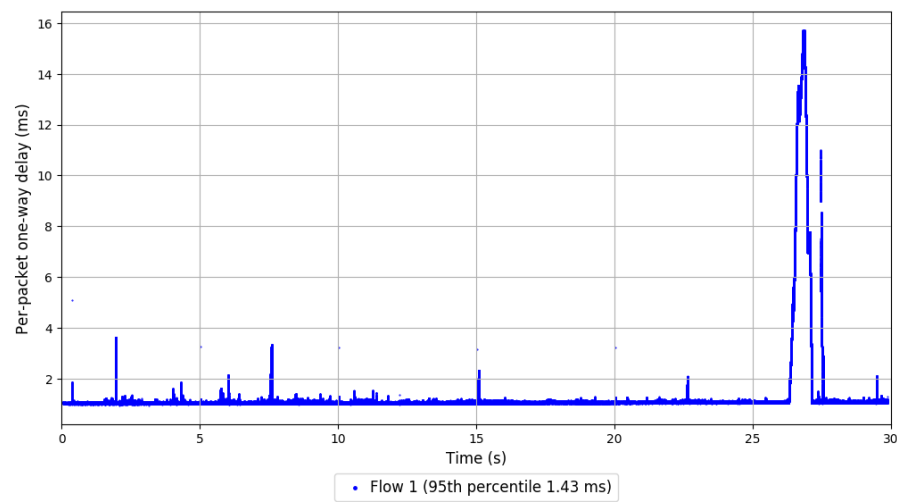
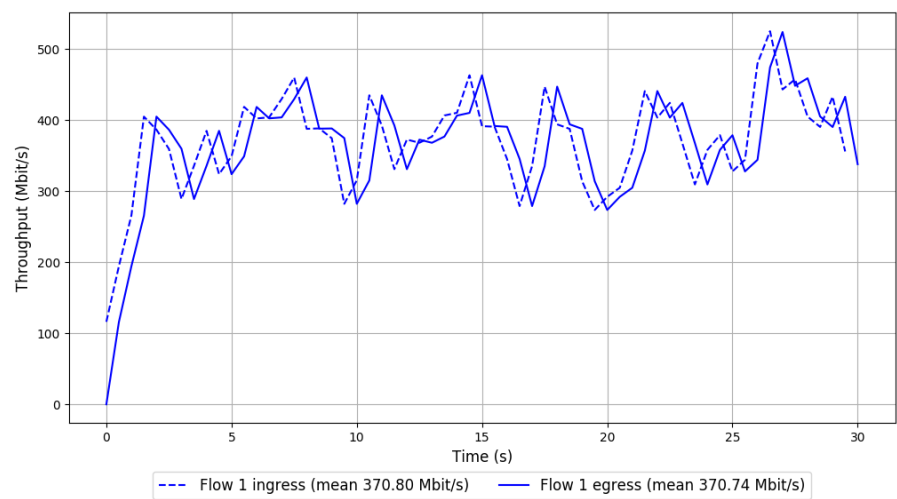


Run 3: Statistics of PCC-Expr

Start at: 2018-07-10 13:32:19  
End at: 2018-07-10 13:32:49  
Local clock offset: 0.469 ms  
Remote clock offset: -0.914 ms

# Below is generated by plot.py at 2018-07-10 18:19:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 370.74 Mbit/s  
95th percentile per-packet one-way delay: 1.434 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 370.74 Mbit/s  
95th percentile per-packet one-way delay: 1.434 ms  
Loss rate: 0.09%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-07-10 13:58:16

End at: 2018-07-10 13:58:46

Local clock offset: 0.404 ms

Remote clock offset: 0.324 ms

# Below is generated by plot.py at 2018-07-10 18:19:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 365.67 Mbit/s

95th percentile per-packet one-way delay: 1.046 ms

Loss rate: 0.06%

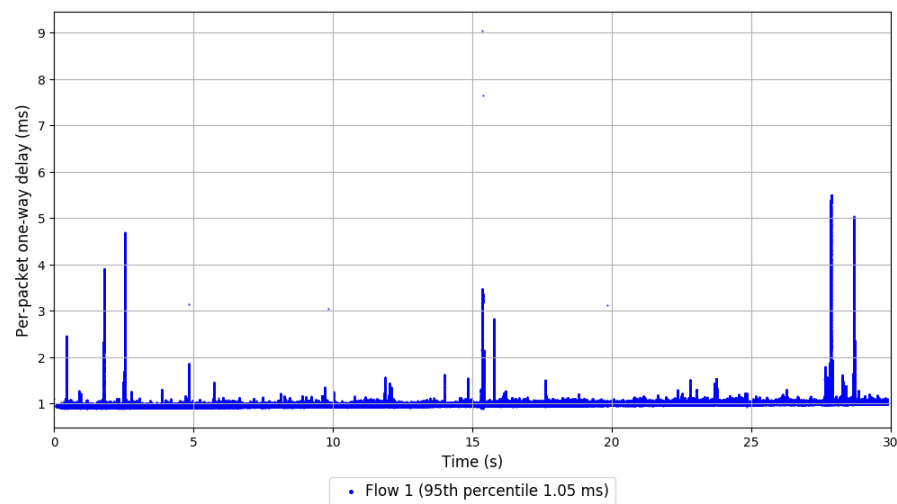
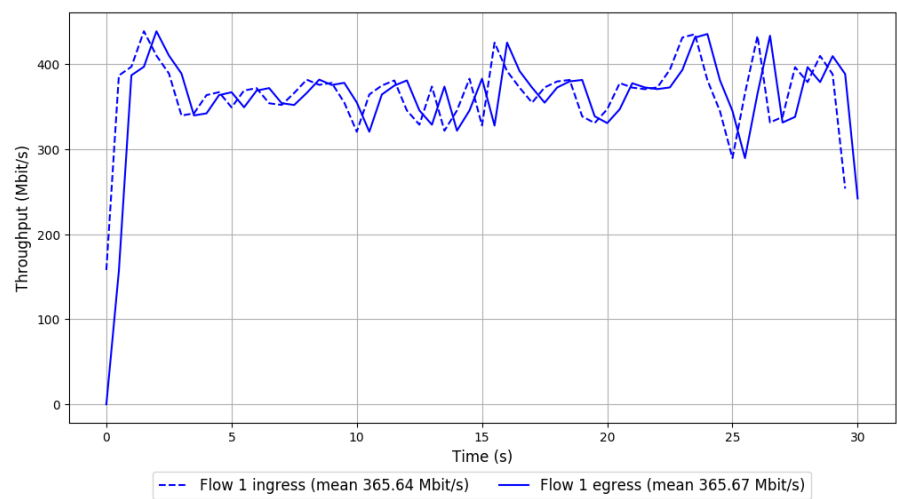
-- Flow 1:

Average throughput: 365.67 Mbit/s

95th percentile per-packet one-way delay: 1.046 ms

Loss rate: 0.06%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2018-07-10 14:24:16

End at: 2018-07-10 14:24:46

Local clock offset: 0.319 ms

Remote clock offset: 1.101 ms

# Below is generated by plot.py at 2018-07-10 18:19:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 349.13 Mbit/s

95th percentile per-packet one-way delay: 1.011 ms

Loss rate: 0.06%

-- Flow 1:

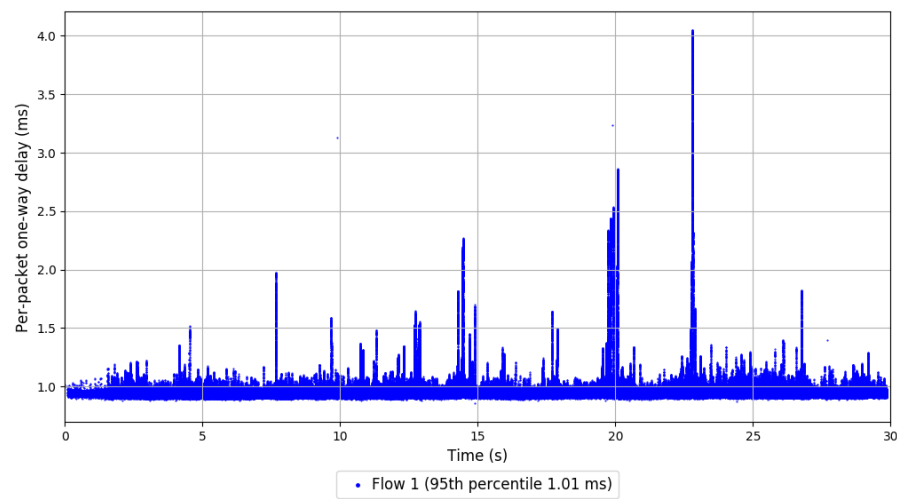
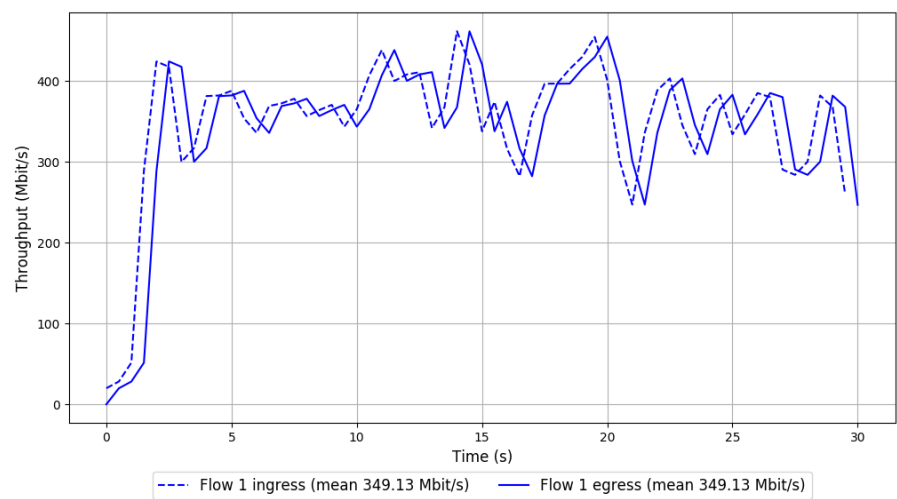
Average throughput: 349.13 Mbit/s

95th percentile per-packet one-way delay: 1.011 ms

Loss rate: 0.06%



Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

Start at: 2018-07-10 14:49:52

End at: 2018-07-10 14:50:22

Local clock offset: 0.304 ms

Remote clock offset: 1.094 ms

# Below is generated by plot.py at 2018-07-10 18:19:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 353.00 Mbit/s

95th percentile per-packet one-way delay: 1.076 ms

Loss rate: 0.08%

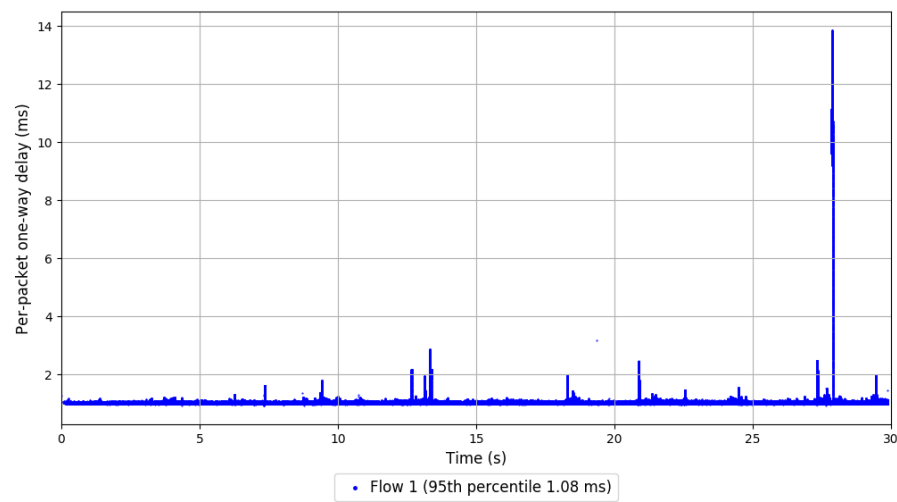
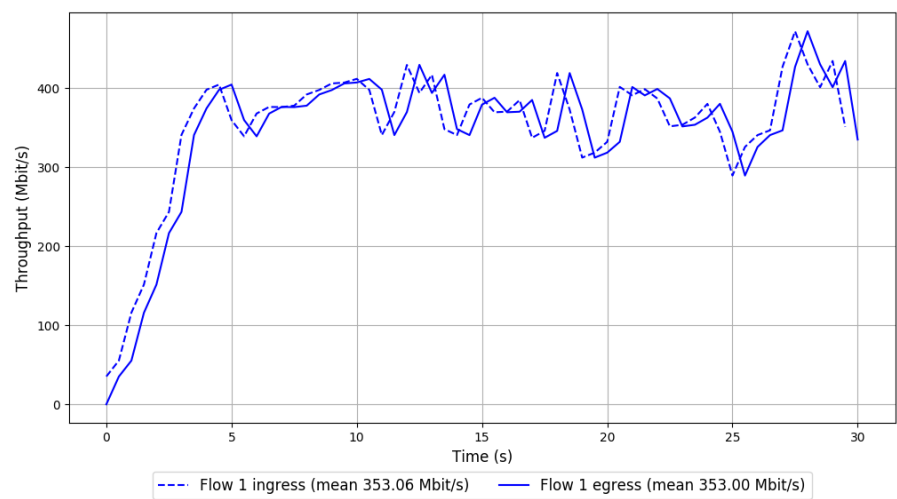
-- Flow 1:

Average throughput: 353.00 Mbit/s

95th percentile per-packet one-way delay: 1.076 ms

Loss rate: 0.08%

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-07-10 15:15:42

End at: 2018-07-10 15:16:12

Local clock offset: 0.296 ms

Remote clock offset: 1.148 ms

# Below is generated by plot.py at 2018-07-10 18:24:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 365.39 Mbit/s

95th percentile per-packet one-way delay: 1.114 ms

Loss rate: 0.07%

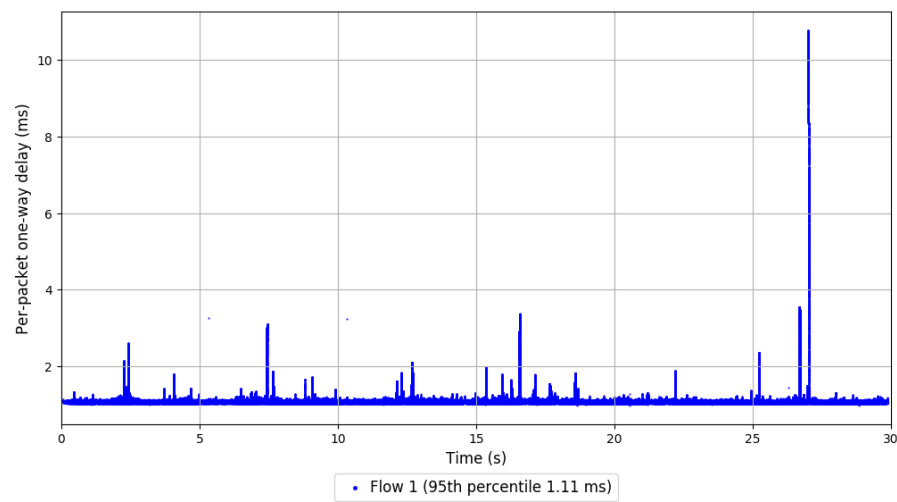
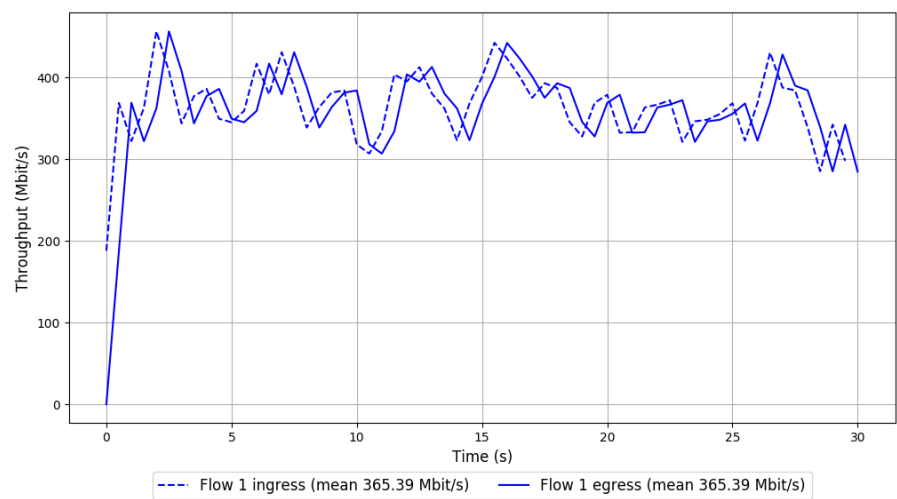
-- Flow 1:

Average throughput: 365.39 Mbit/s

95th percentile per-packet one-way delay: 1.114 ms

Loss rate: 0.07%

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-07-10 15:41:37

End at: 2018-07-10 15:42:07

Local clock offset: 0.209 ms

Remote clock offset: 1.184 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 391.80 Mbit/s

95th percentile per-packet one-way delay: 1.140 ms

Loss rate: 0.07%

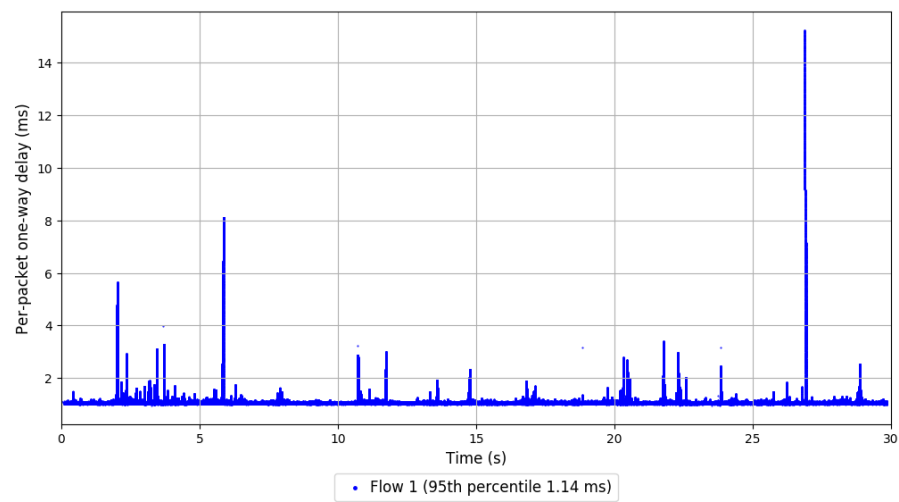
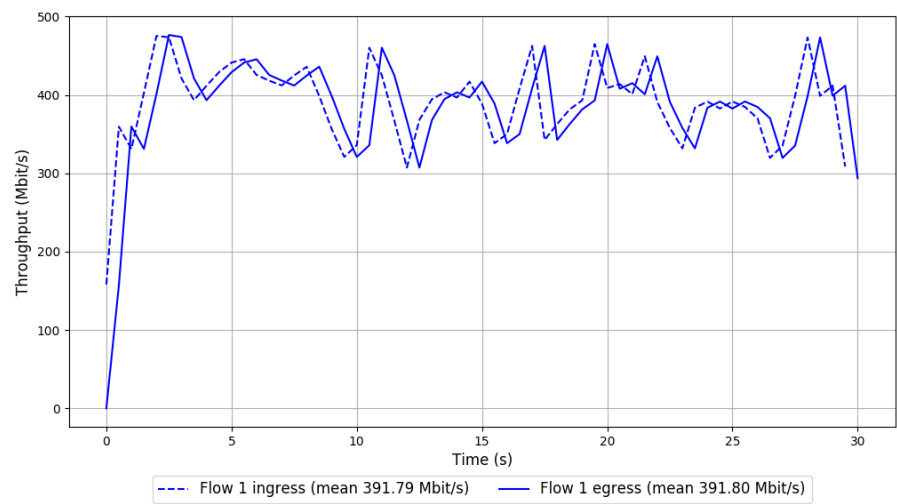
-- Flow 1:

Average throughput: 391.80 Mbit/s

95th percentile per-packet one-way delay: 1.140 ms

Loss rate: 0.07%

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

Start at: 2018-07-10 16:07:29

End at: 2018-07-10 16:07:59

Local clock offset: -0.241 ms

Remote clock offset: 1.172 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 377.55 Mbit/s

95th percentile per-packet one-way delay: 0.963 ms

Loss rate: 0.07%

-- Flow 1:

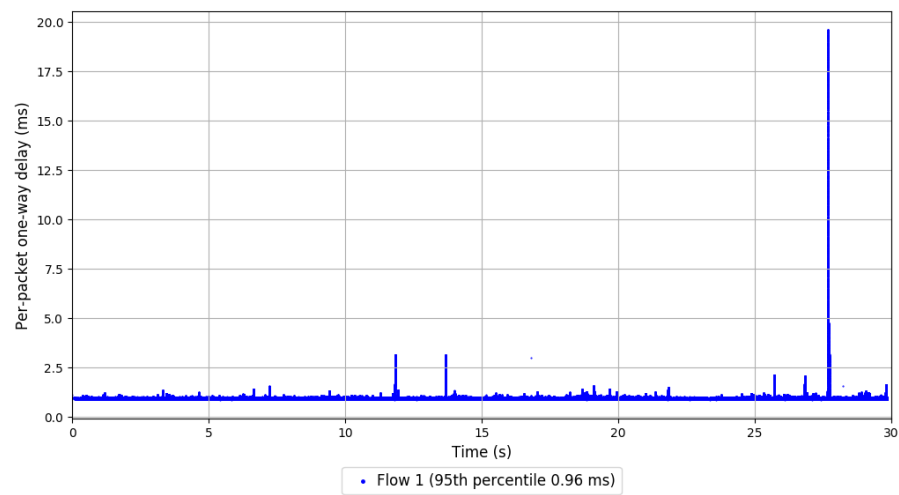
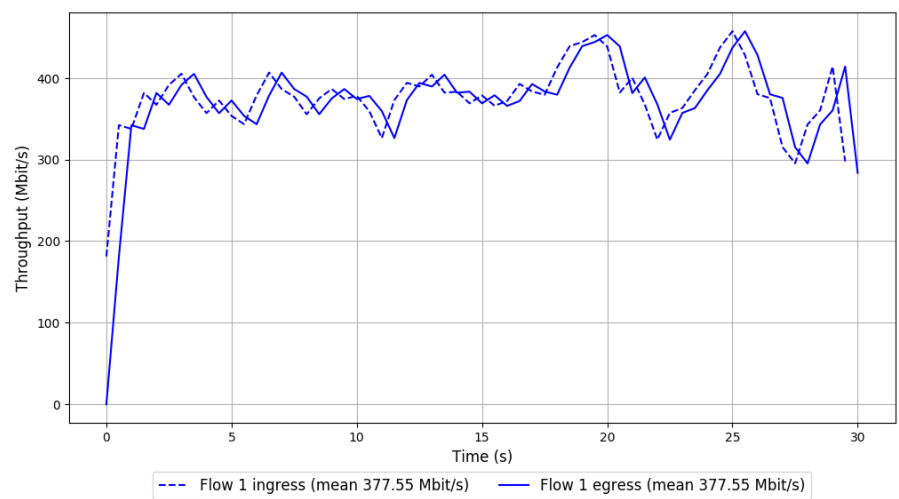
Average throughput: 377.55 Mbit/s

95th percentile per-packet one-way delay: 0.963 ms

Loss rate: 0.07%



Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-07-10 16:33:25

End at: 2018-07-10 16:33:55

Local clock offset: -0.441 ms

Remote clock offset: 0.509 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 371.95 Mbit/s

95th percentile per-packet one-way delay: 1.049 ms

Loss rate: 0.07%

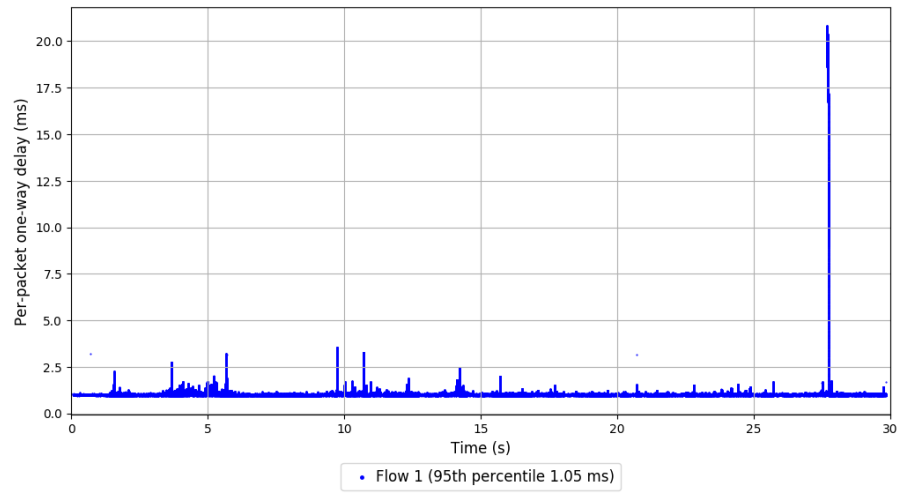
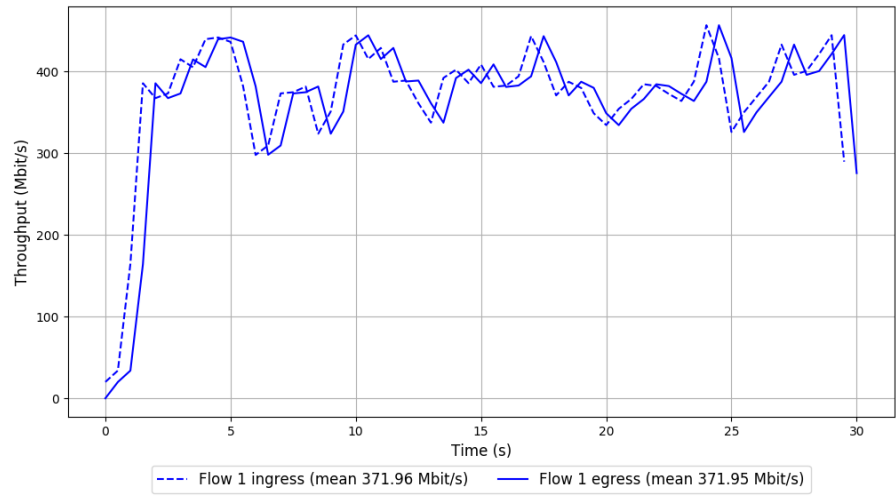
-- Flow 1:

Average throughput: 371.95 Mbit/s

95th percentile per-packet one-way delay: 1.049 ms

Loss rate: 0.07%

# Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-07-10 12:24:21

End at: 2018-07-10 12:24:51

Local clock offset: 0.139 ms

Remote clock offset: -0.455 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.25 Mbit/s

95th percentile per-packet one-way delay: 0.969 ms

Loss rate: 0.07%

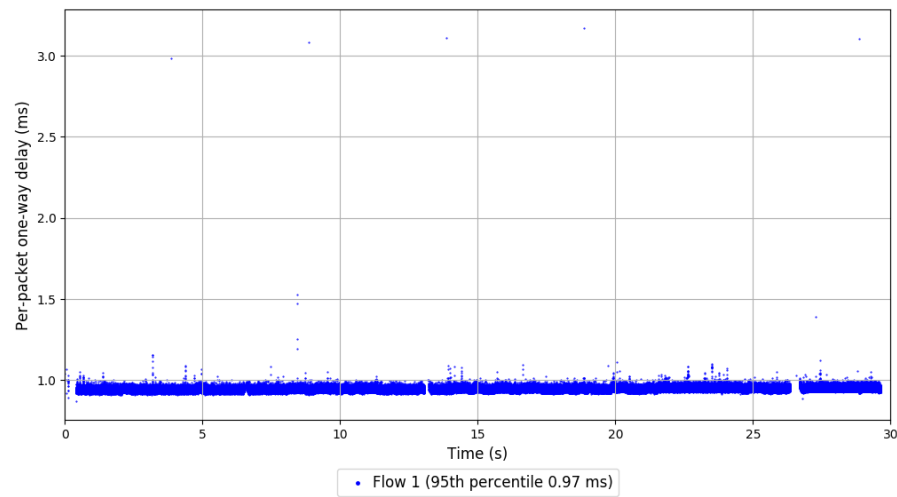
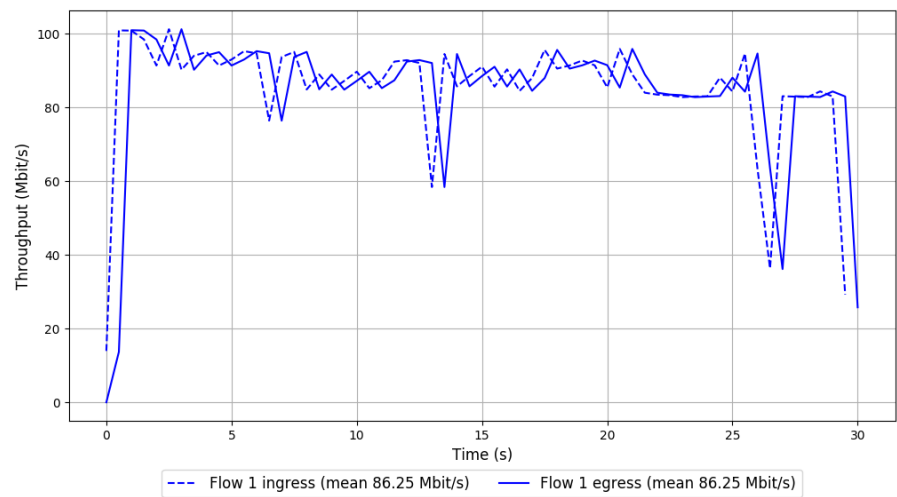
-- Flow 1:

Average throughput: 86.25 Mbit/s

95th percentile per-packet one-way delay: 0.969 ms

Loss rate: 0.07%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-07-10 12:50:04

End at: 2018-07-10 12:50:34

Local clock offset: 0.339 ms

Remote clock offset: -1.92 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.45 Mbit/s

95th percentile per-packet one-way delay: 1.079 ms

Loss rate: 0.06%

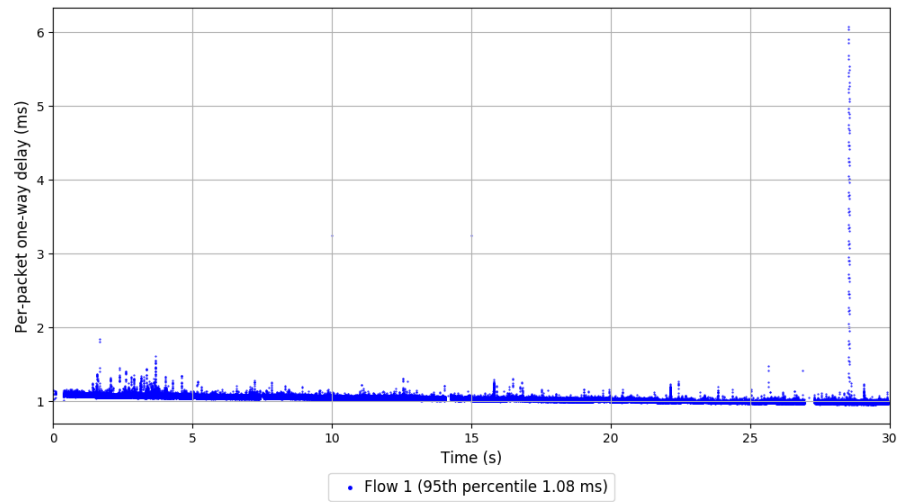
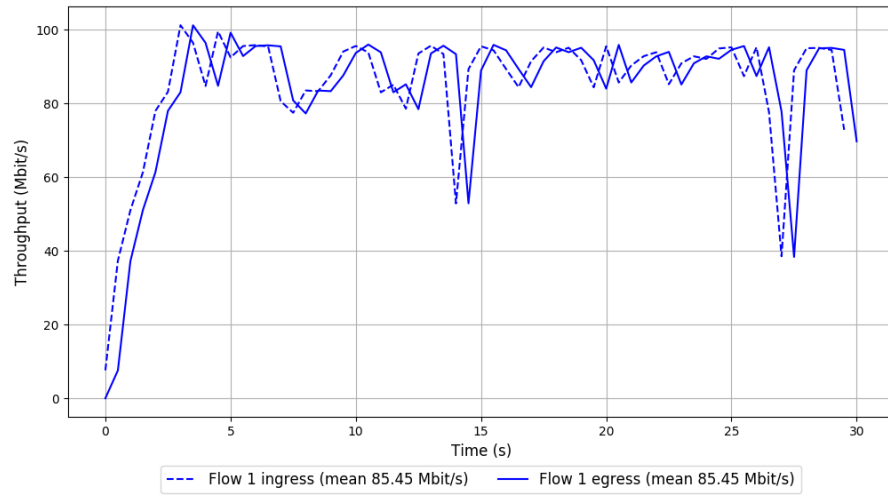
-- Flow 1:

Average throughput: 85.45 Mbit/s

95th percentile per-packet one-way delay: 1.079 ms

Loss rate: 0.06%

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



Run 3: Statistics of QUIC Cubic

Start at: 2018-07-10 13:15:52

End at: 2018-07-10 13:16:22

Local clock offset: 0.38 ms

Remote clock offset: -4.331 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.13 Mbit/s

95th percentile per-packet one-way delay: 1.033 ms

Loss rate: 0.07%

-- Flow 1:

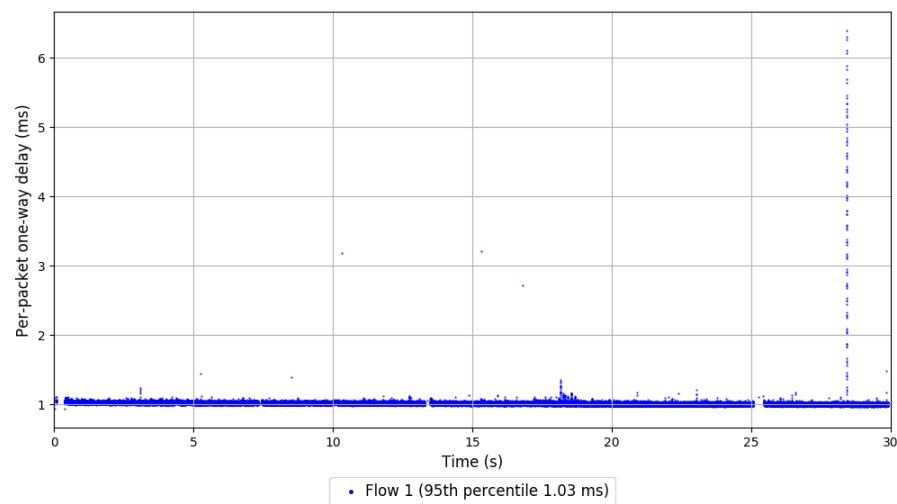
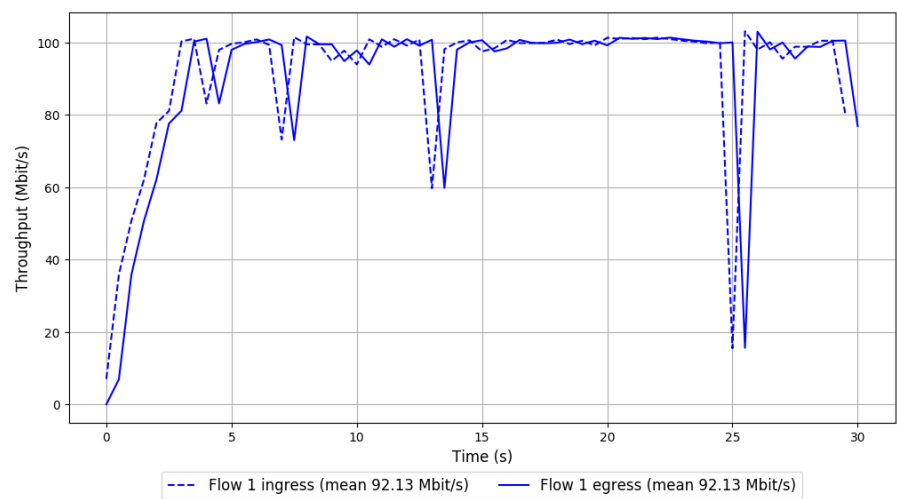
Average throughput: 92.13 Mbit/s

95th percentile per-packet one-way delay: 1.033 ms

Loss rate: 0.07%



Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-07-10 13:41:47

End at: 2018-07-10 13:42:18

Local clock offset: 0.406 ms

Remote clock offset: -0.245 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.00 Mbit/s

95th percentile per-packet one-way delay: 1.006 ms

Loss rate: 0.06%

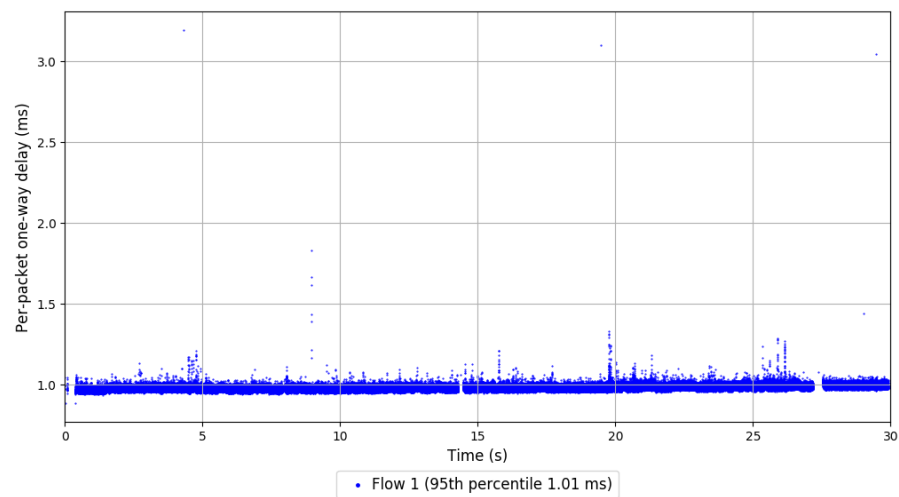
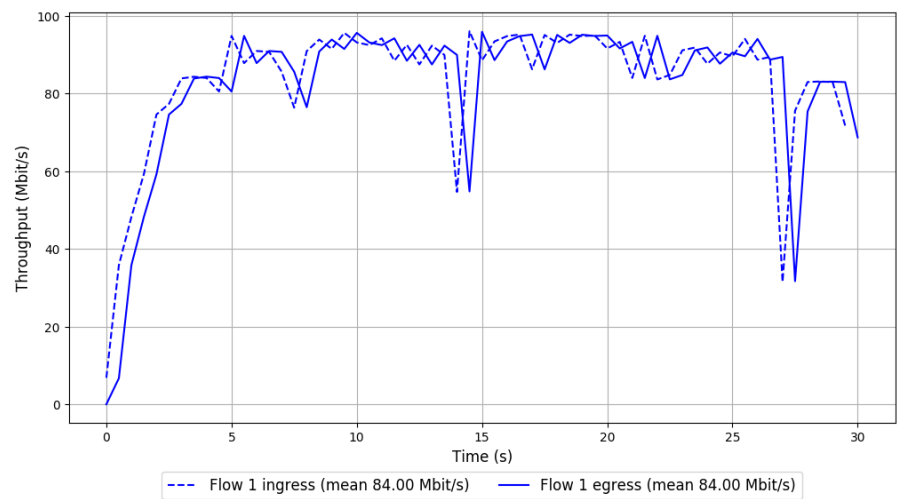
-- Flow 1:

Average throughput: 84.00 Mbit/s

95th percentile per-packet one-way delay: 1.006 ms

Loss rate: 0.06%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-07-10 14:07:46

End at: 2018-07-10 14:08:16

Local clock offset: 0.48 ms

Remote clock offset: 1.434 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.79 Mbit/s

95th percentile per-packet one-way delay: 1.021 ms

Loss rate: 0.06%

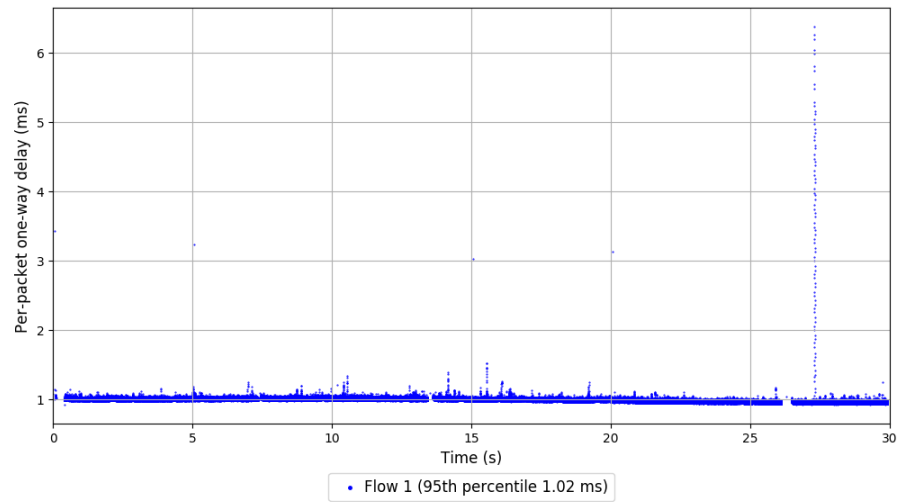
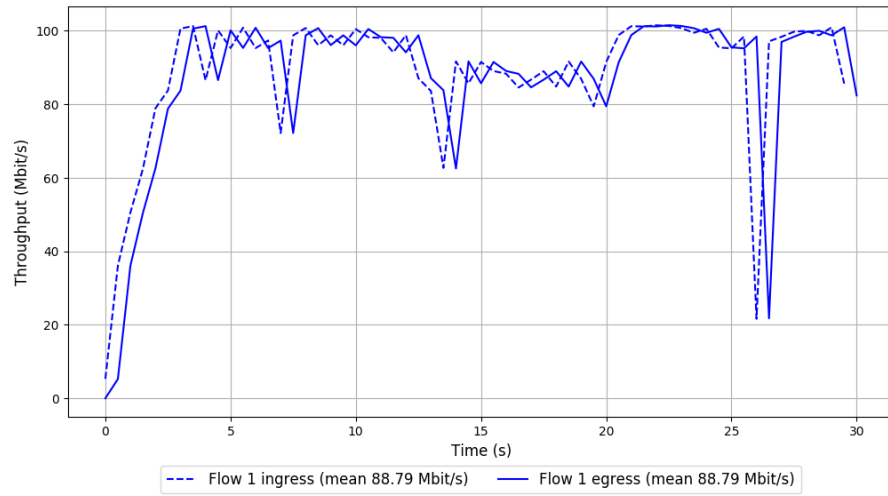
-- Flow 1:

Average throughput: 88.79 Mbit/s

95th percentile per-packet one-way delay: 1.021 ms

Loss rate: 0.06%

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



Run 6: Statistics of QUIC Cubic

Start at: 2018-07-10 14:33:43

End at: 2018-07-10 14:34:13

Local clock offset: 0.279 ms

Remote clock offset: 1.004 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 1.099 ms

Loss rate: 0.07%

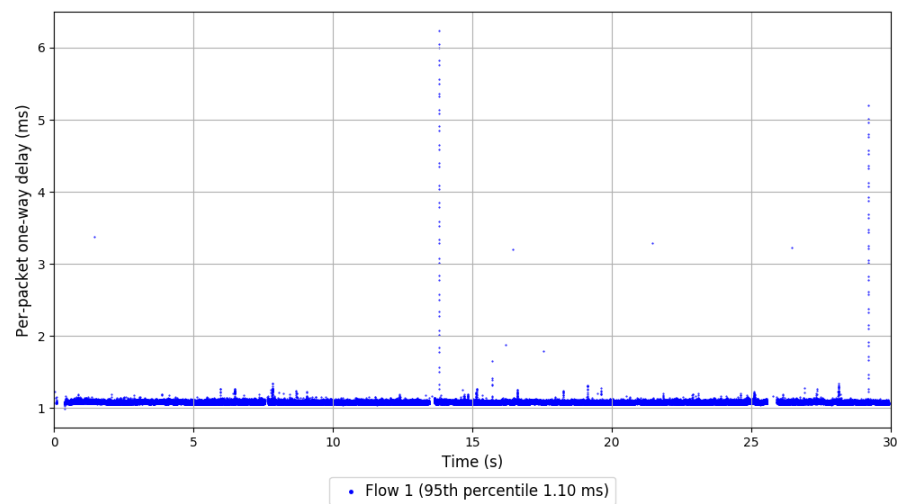
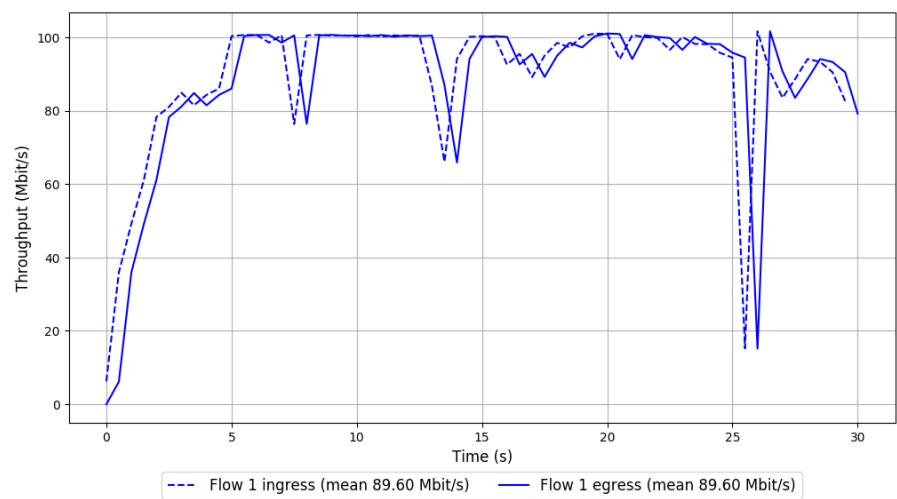
-- Flow 1:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 1.099 ms

Loss rate: 0.07%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-07-10 14:59:19

End at: 2018-07-10 14:59:49

Local clock offset: 0.264 ms

Remote clock offset: 1.169 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.64 Mbit/s

95th percentile per-packet one-way delay: 1.049 ms

Loss rate: 0.07%

-- Flow 1:

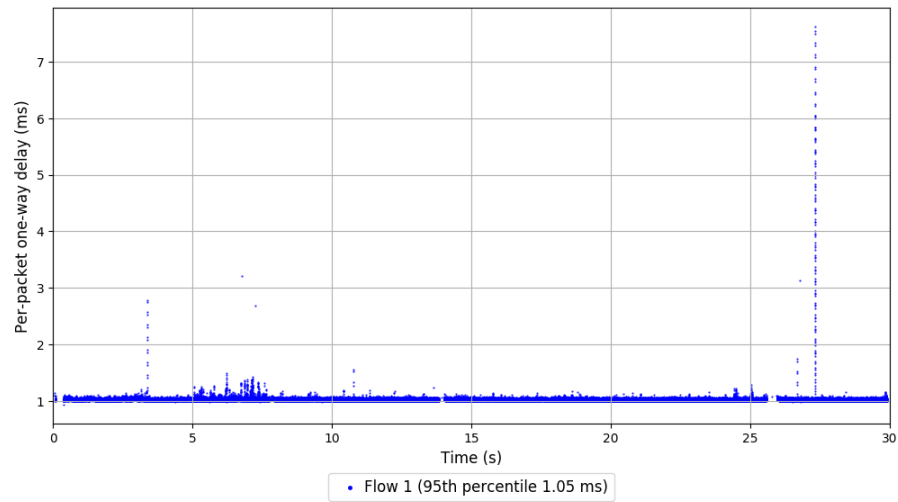
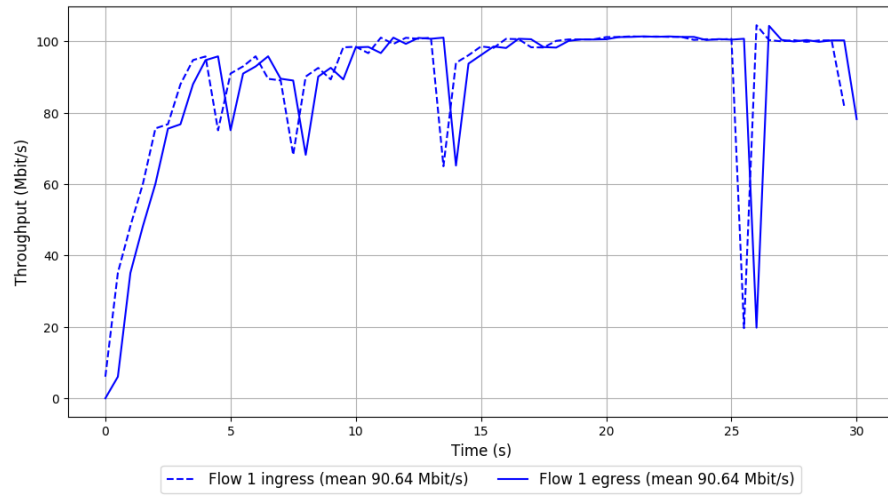
Average throughput: 90.64 Mbit/s

95th percentile per-packet one-way delay: 1.049 ms

Loss rate: 0.07%



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



Run 8: Statistics of QUIC Cubic

Start at: 2018-07-10 15:25:09

End at: 2018-07-10 15:25:39

Local clock offset: 0.281 ms

Remote clock offset: 1.199 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.66 Mbit/s

95th percentile per-packet one-way delay: 1.067 ms

Loss rate: 0.07%

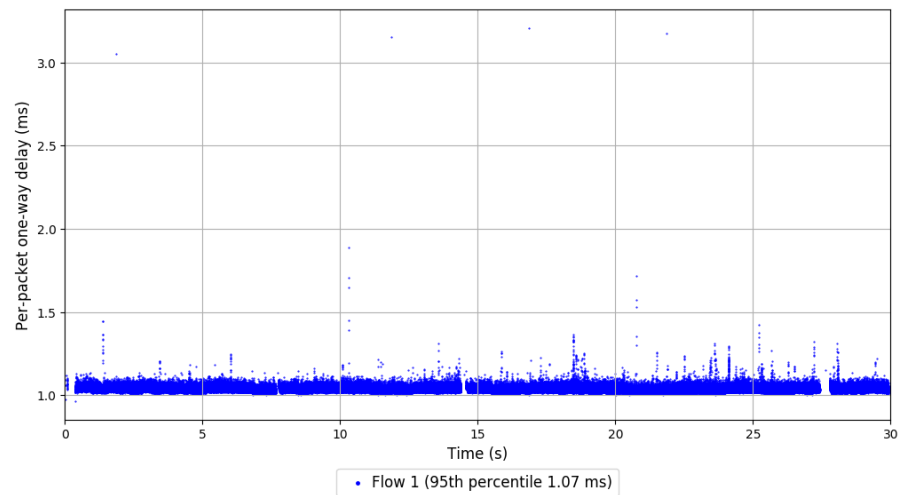
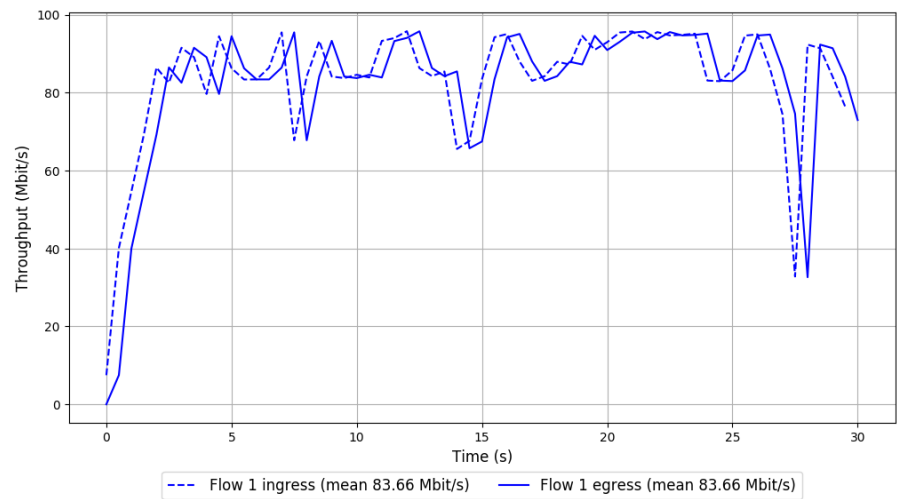
-- Flow 1:

Average throughput: 83.66 Mbit/s

95th percentile per-packet one-way delay: 1.067 ms

Loss rate: 0.07%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-07-10 15:51:07

End at: 2018-07-10 15:51:37

Local clock offset: 0.177 ms

Remote clock offset: 1.218 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.64 Mbit/s

95th percentile per-packet one-way delay: 1.113 ms

Loss rate: 0.07%

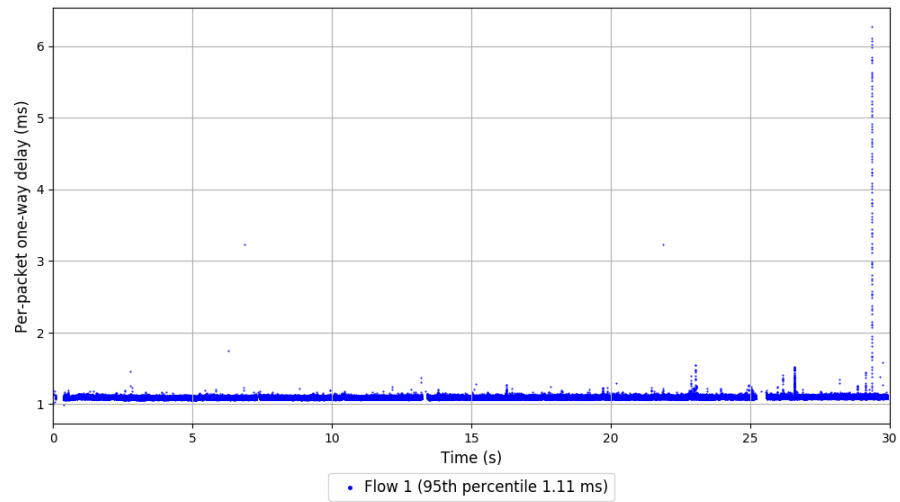
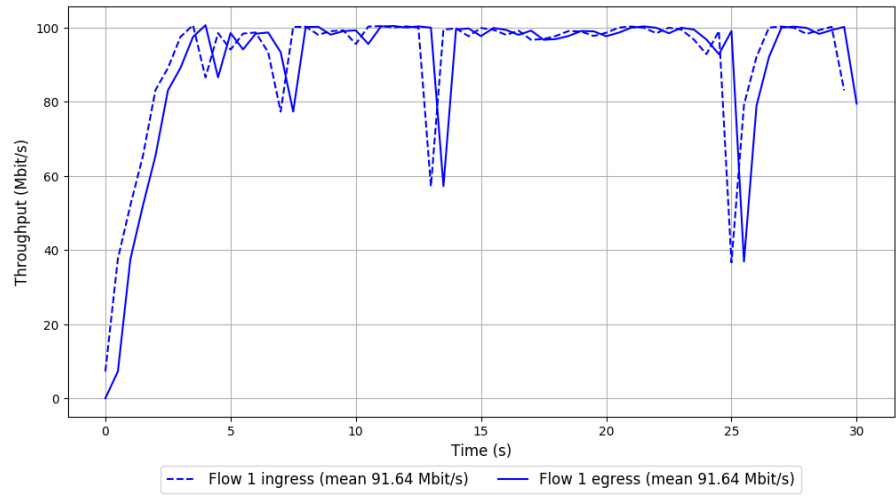
-- Flow 1:

Average throughput: 91.64 Mbit/s

95th percentile per-packet one-way delay: 1.113 ms

Loss rate: 0.07%

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



Run 10: Statistics of QUIC Cubic

Start at: 2018-07-10 16:16:57

End at: 2018-07-10 16:17:27

Local clock offset: -0.318 ms

Remote clock offset: 0.764 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.56 Mbit/s

95th percentile per-packet one-way delay: 0.975 ms

Loss rate: 0.06%

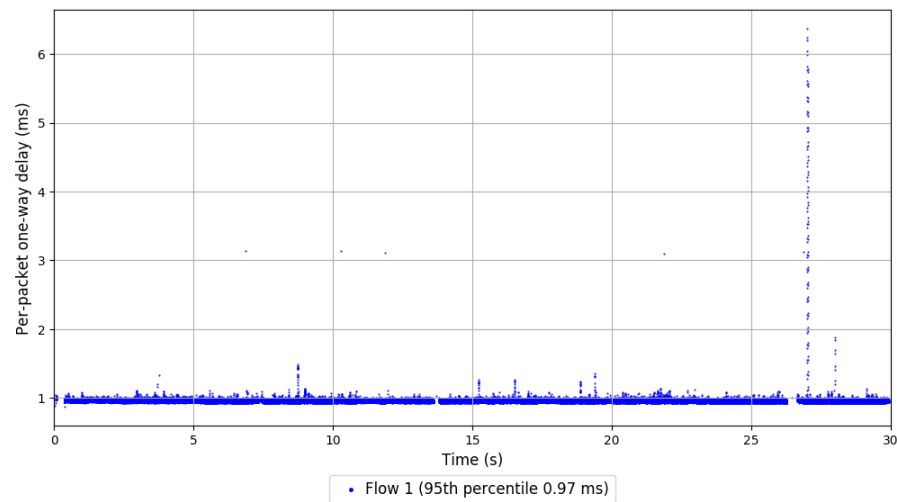
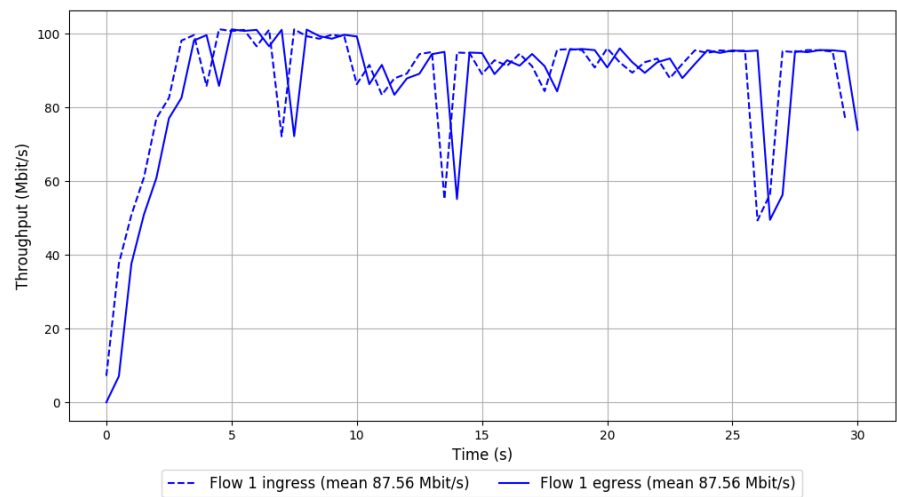
-- Flow 1:

Average throughput: 87.56 Mbit/s

95th percentile per-packet one-way delay: 0.975 ms

Loss rate: 0.06%

Run 10: Report of QUIC Cubic — Data Link



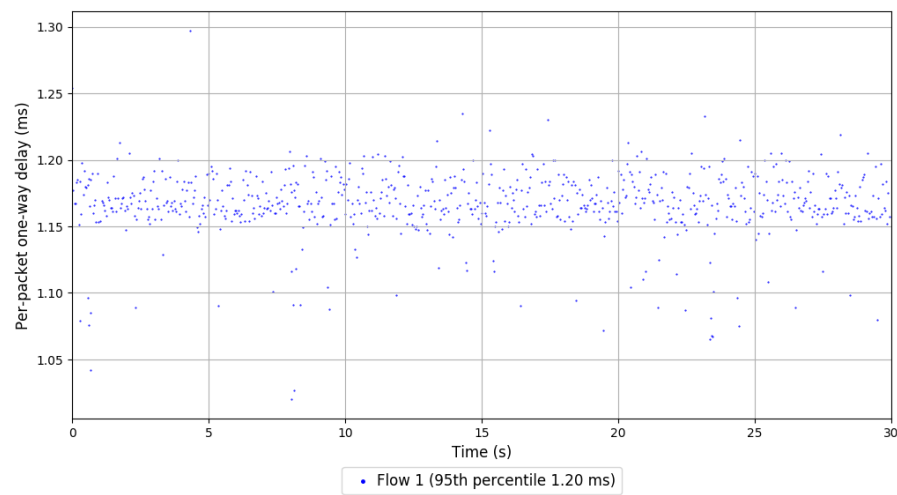
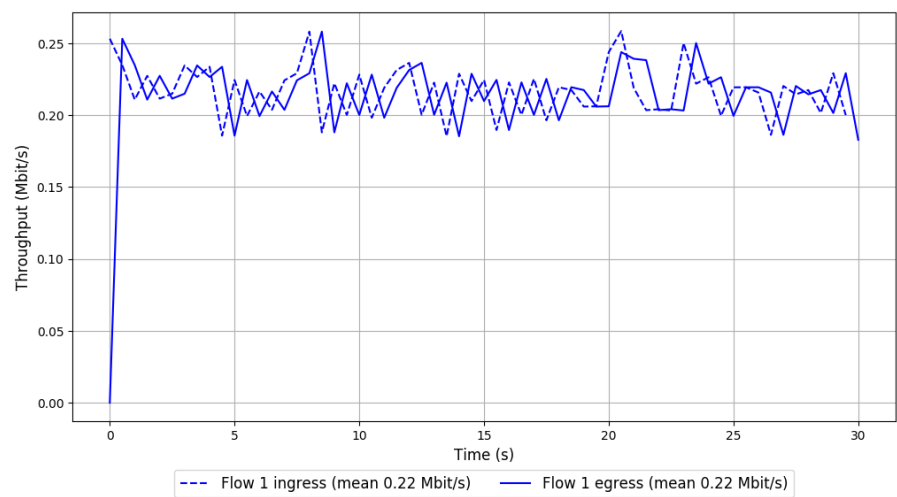
Run 1: Statistics of SCReAM

Start at: 2018-07-10 12:33:04  
End at: 2018-07-10 12:33:34  
Local clock offset: 0.243 ms  
Remote clock offset: -0.403 ms

# Below is generated by plot.py at 2018-07-10 18:25:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.200 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.200 ms  
Loss rate: 0.13%



Run 1: Report of SReAM — Data Link

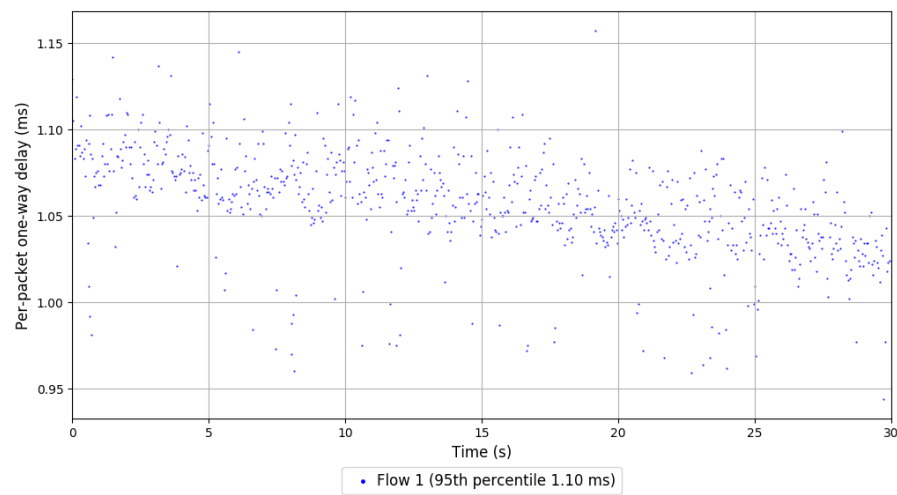
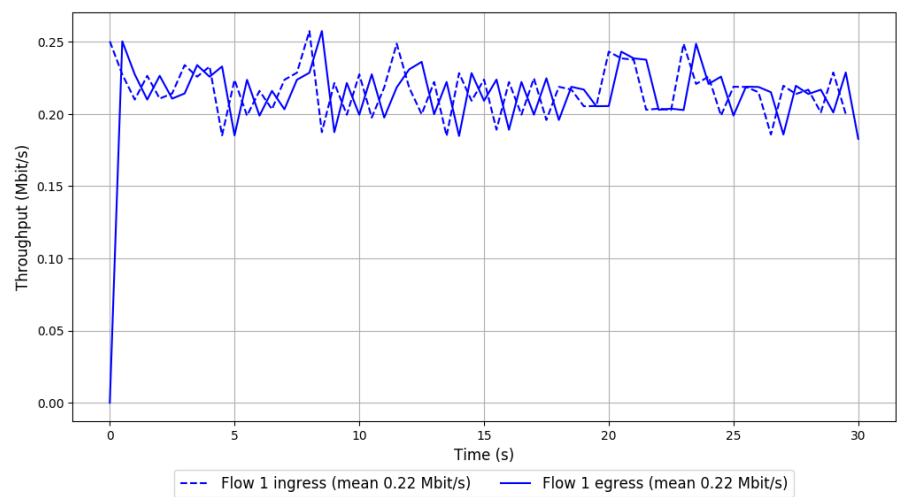


Run 2: Statistics of SCReAM

Start at: 2018-07-10 12:58:47  
End at: 2018-07-10 12:59:17  
Local clock offset: 0.266 ms  
Remote clock offset: -3.137 ms

# Below is generated by plot.py at 2018-07-10 18:25:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.102 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 1.102 ms  
Loss rate: 0.13%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-07-10 13:24:40

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

Local clock offset: 0.439 ms

Remote clock offset: -2.33 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.348 ms

Loss rate: 0.13%

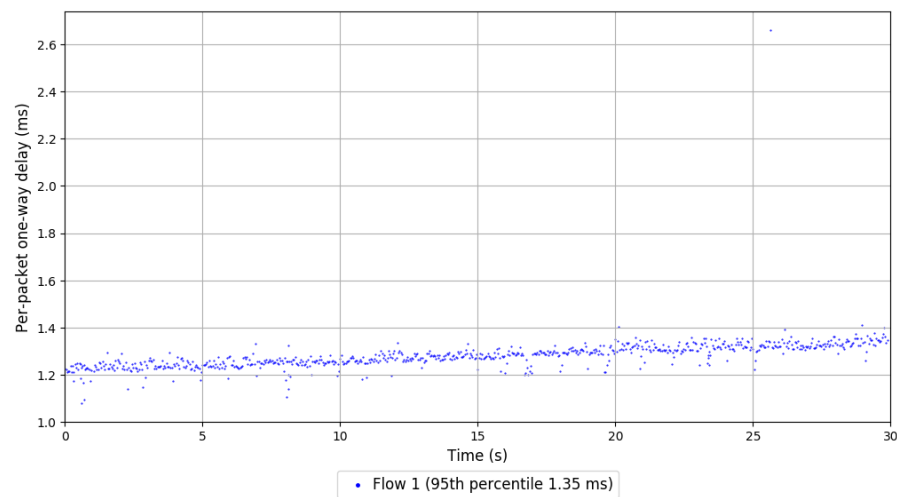
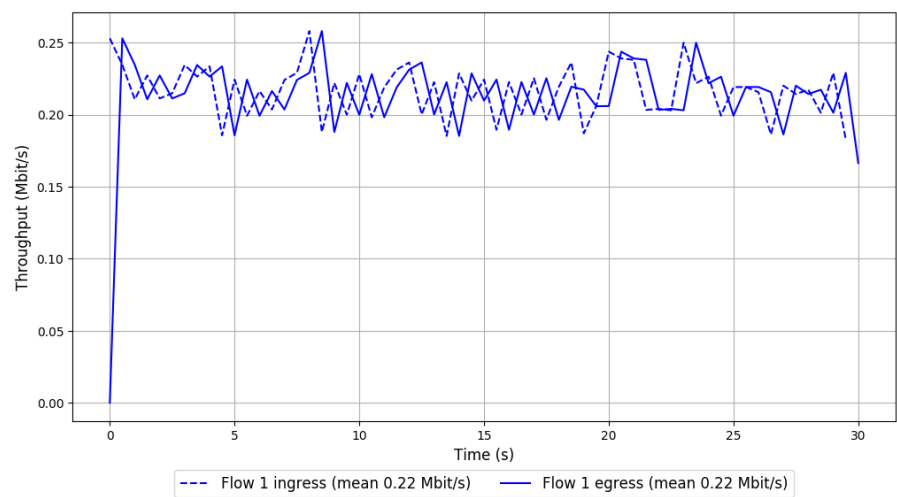
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.348 ms

Loss rate: 0.13%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-07-10 13:50:34

End at: 2018-07-10 13:51:04

Local clock offset: 0.411 ms

Remote clock offset: 0.112 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.106 ms

Loss rate: 0.13%

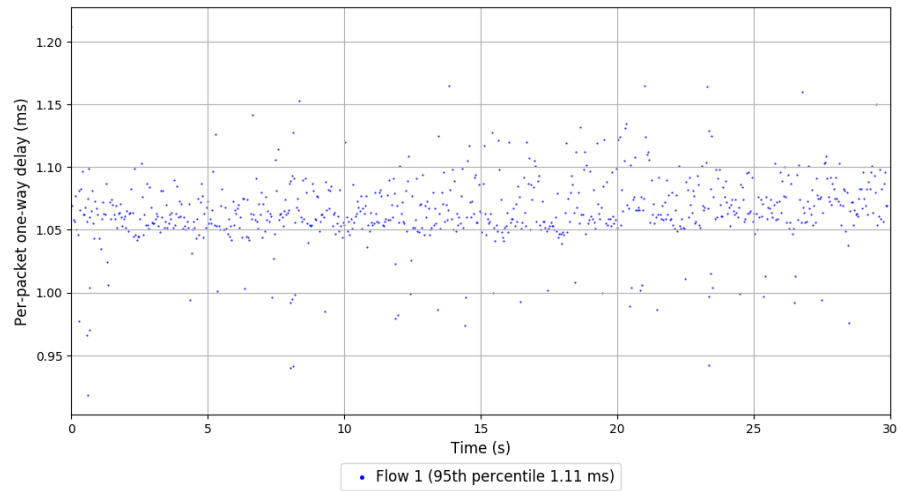
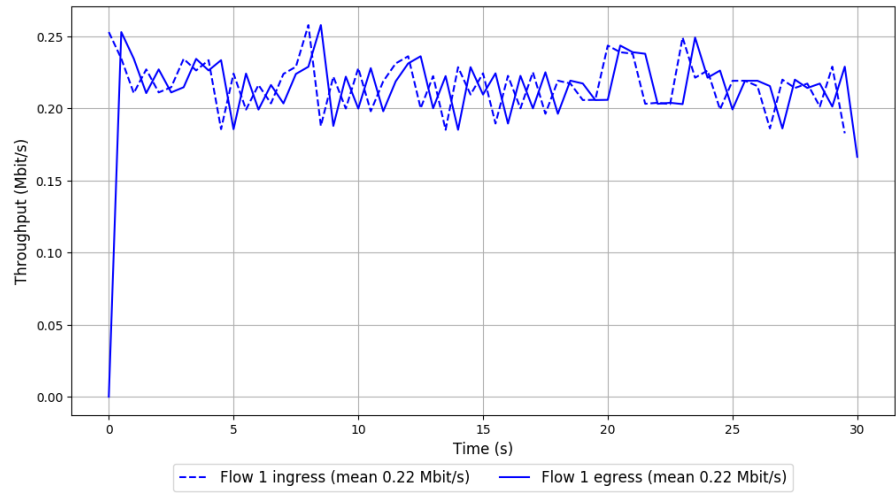
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.106 ms

Loss rate: 0.13%

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



Run 5: Statistics of SCReAM

Start at: 2018-07-10 14:16:36

End at: 2018-07-10 14:17:06

Local clock offset: 0.44 ms

Remote clock offset: 1.133 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.184 ms

Loss rate: 0.13%

-- Flow 1:

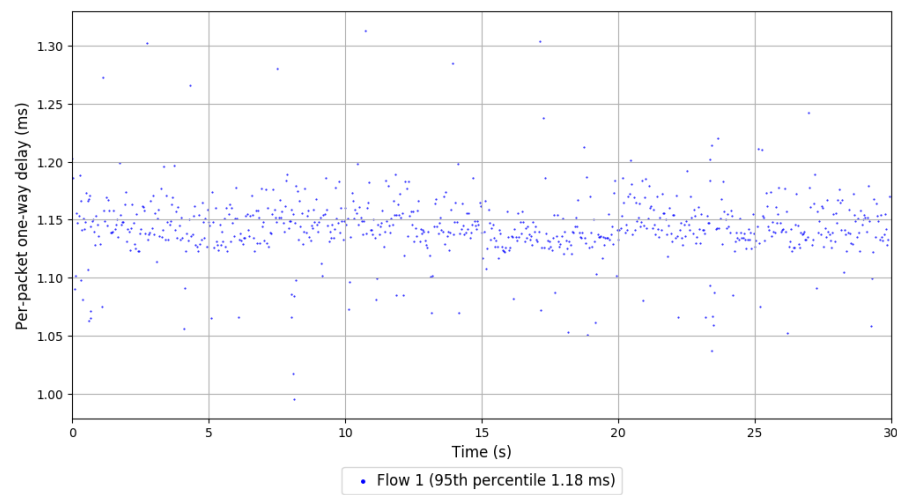
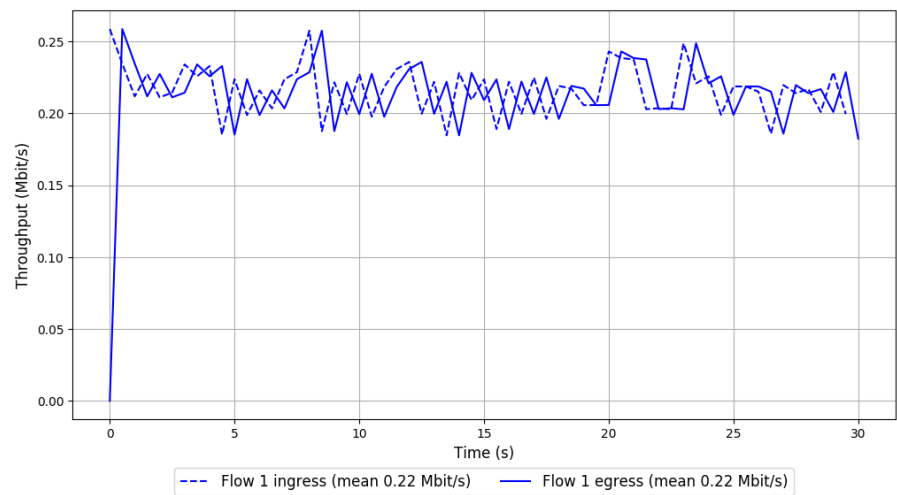
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.184 ms

Loss rate: 0.13%



Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-07-10 14:42:25

End at: 2018-07-10 14:42:55

Local clock offset: 0.292 ms

Remote clock offset: 1.073 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.170 ms

Loss rate: 0.13%

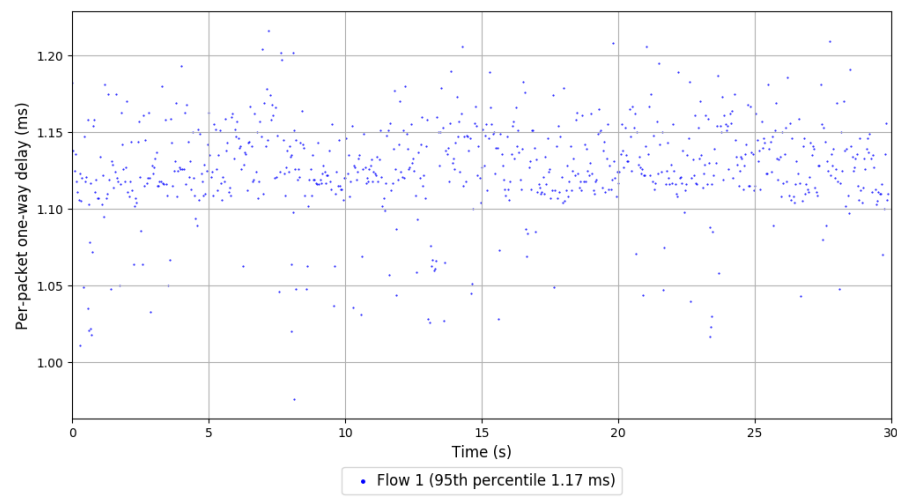
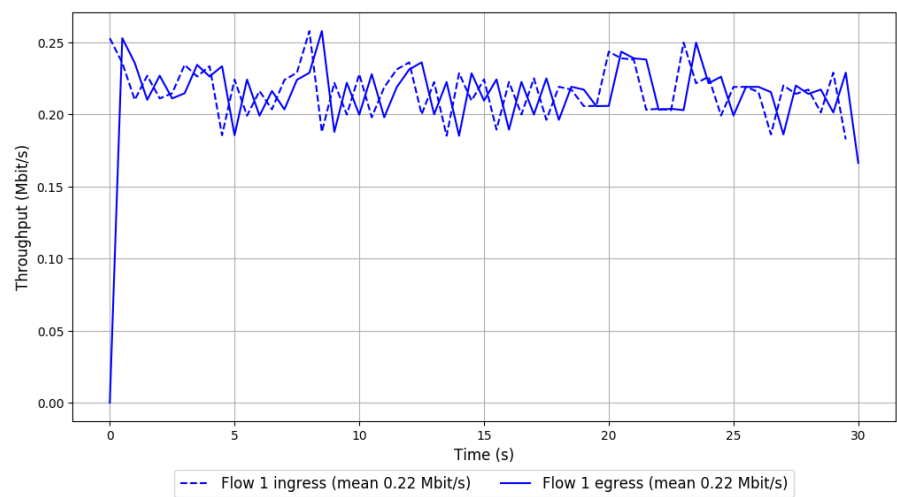
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.170 ms

Loss rate: 0.13%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-07-10 15:08:06

End at: 2018-07-10 15:08:36

Local clock offset: 0.196 ms

Remote clock offset: 1.116 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.158 ms

Loss rate: 0.13%

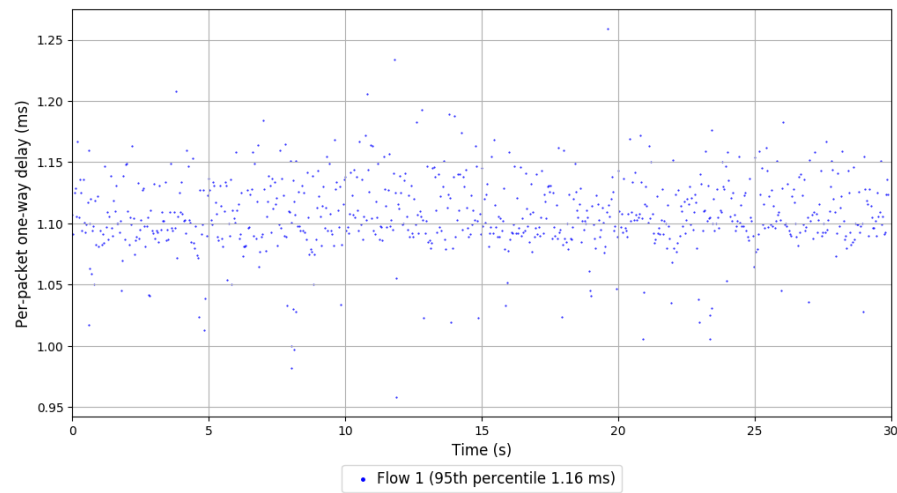
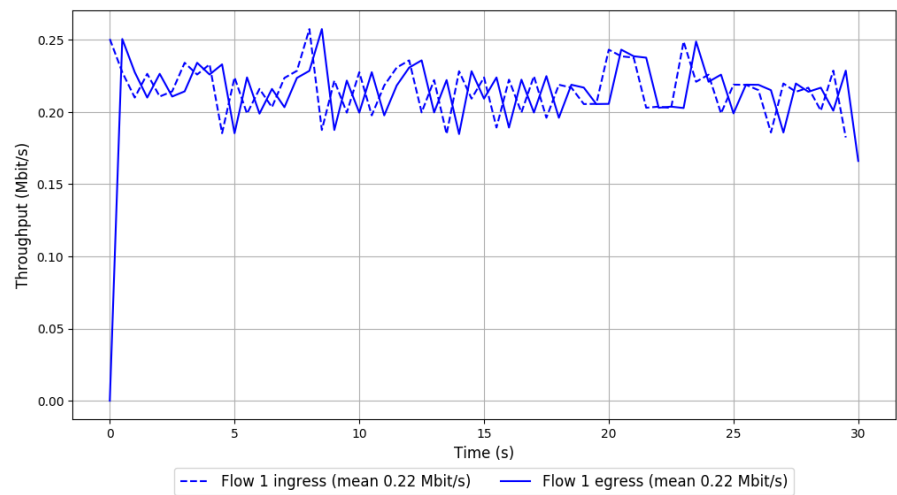
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.158 ms

Loss rate: 0.13%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-07-10 15:33:55

End at: 2018-07-10 15:34:25

Local clock offset: 0.098 ms

Remote clock offset: 1.191 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.108 ms

Loss rate: 0.13%

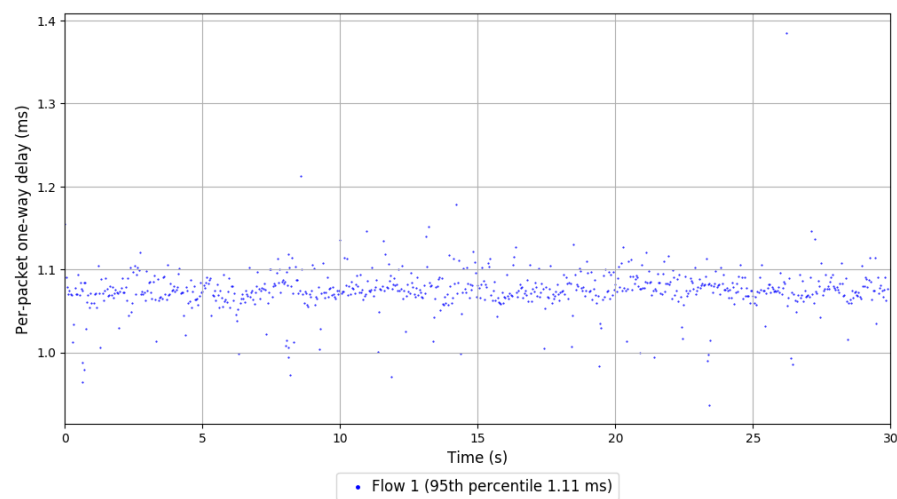
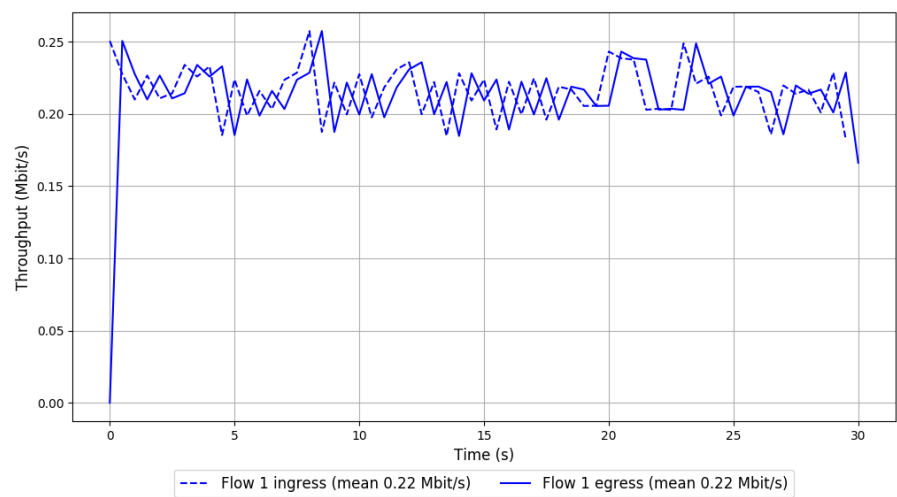
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.108 ms

Loss rate: 0.13%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-07-10 15:59:49

End at: 2018-07-10 16:00:19

Local clock offset: 0.074 ms

Remote clock offset: 1.285 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.229 ms

Loss rate: 0.13%

-- Flow 1:

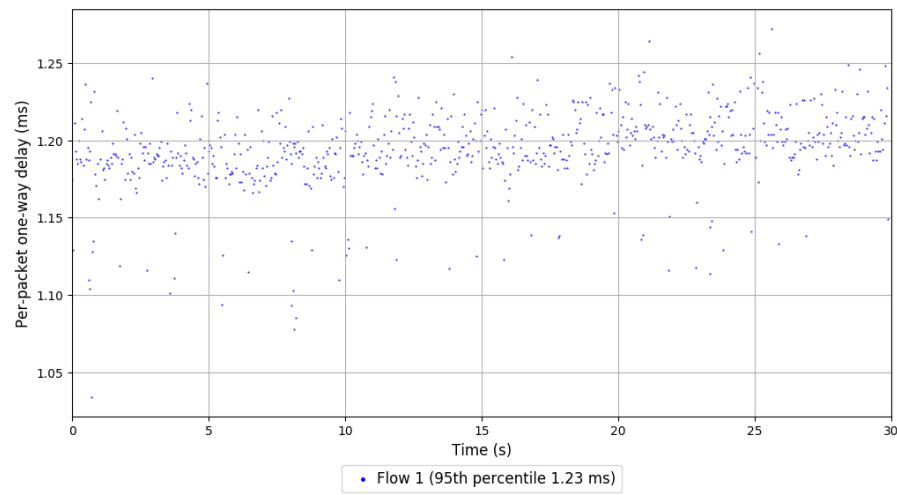
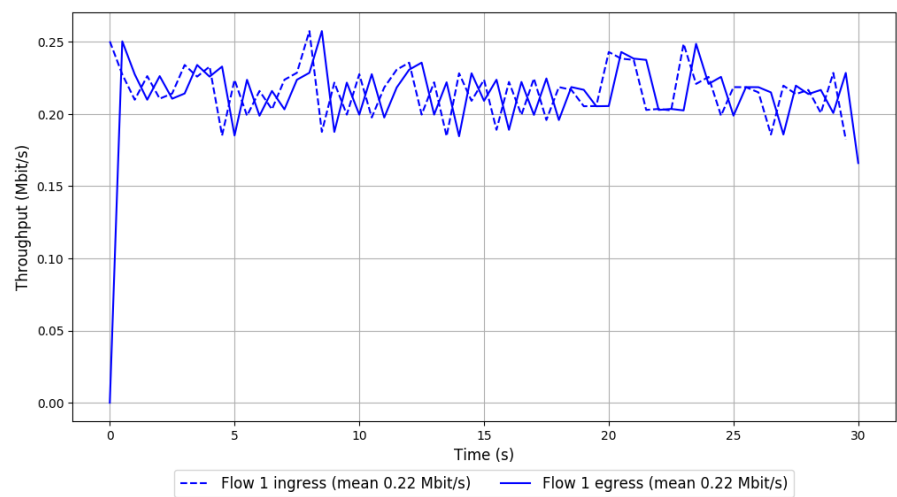
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.229 ms

Loss rate: 0.13%



Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-07-10 16:25:45

End at: 2018-07-10 16:26:15

Local clock offset: -0.288 ms

Remote clock offset: 0.702 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

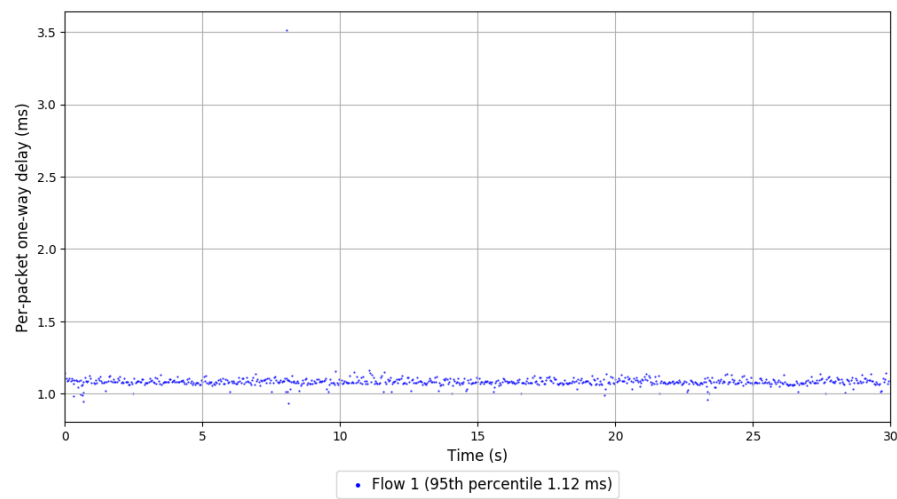
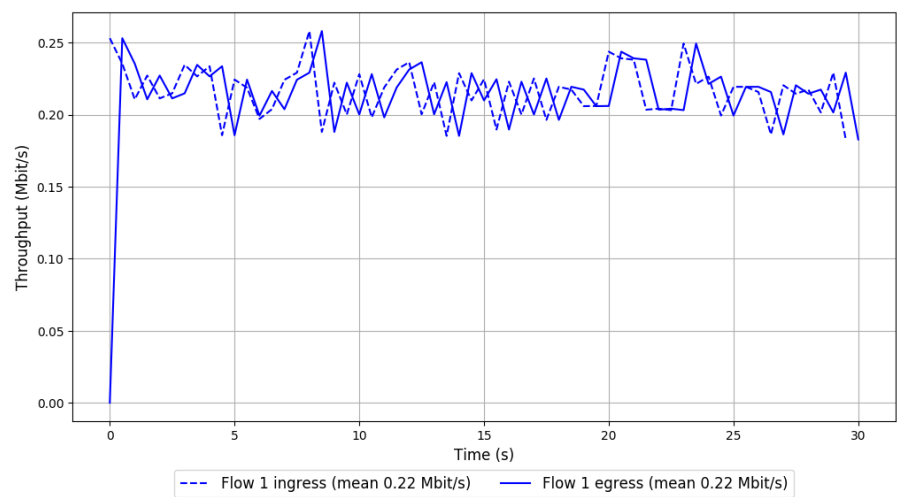
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link



Run 1: Statistics of Sprout

Start at: 2018-07-10 12:21:30  
End at: 2018-07-10 12:22:00  
Local clock offset: 0.215 ms  
Remote clock offset: -0.558 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

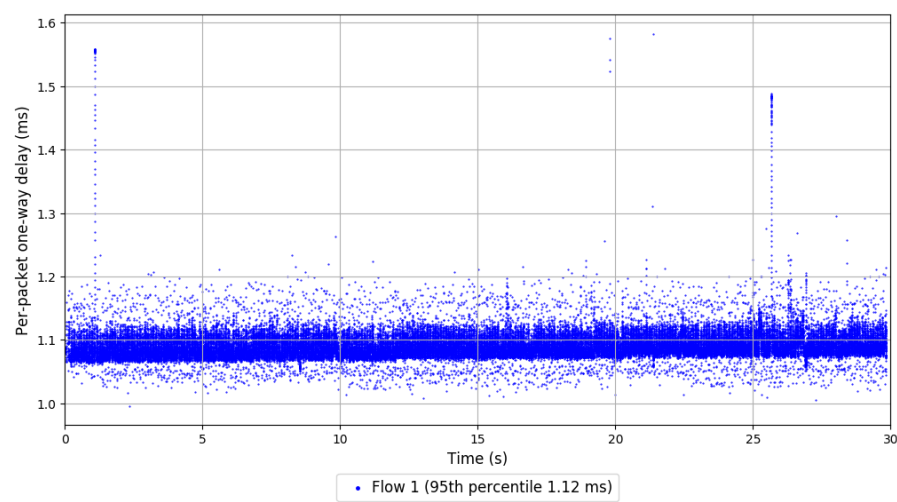
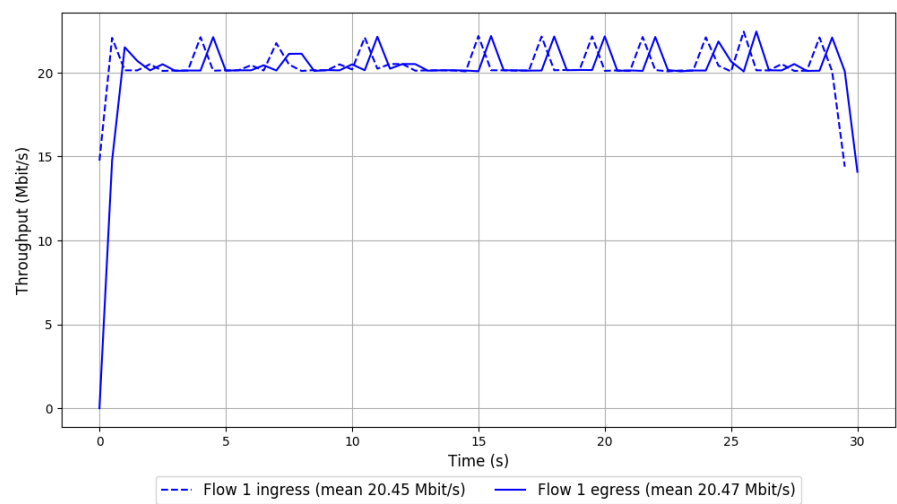
-- Total of 1 flow:

Average throughput: 20.47 Mbit/s  
95th percentile per-packet one-way delay: 1.123 ms  
Loss rate: 0.03%

-- Flow 1:

Average throughput: 20.47 Mbit/s  
95th percentile per-packet one-way delay: 1.123 ms  
Loss rate: 0.03%

Run 1: Report of Sprout — Data Link

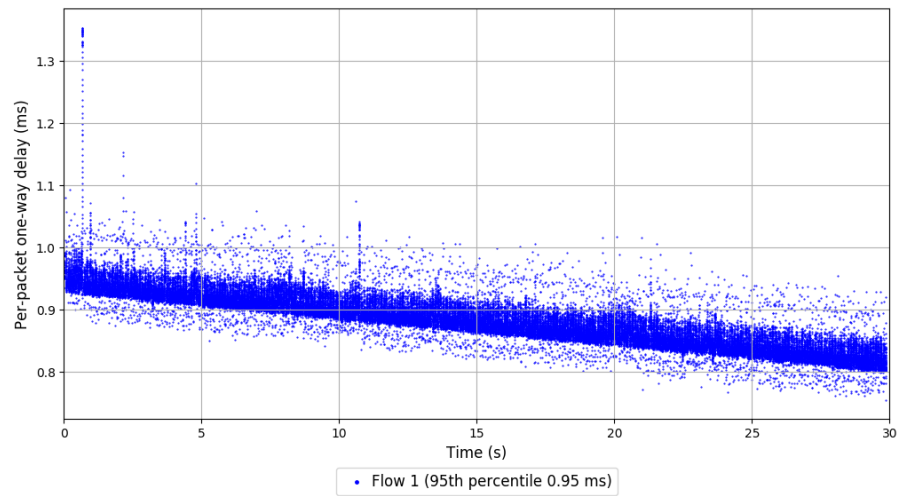
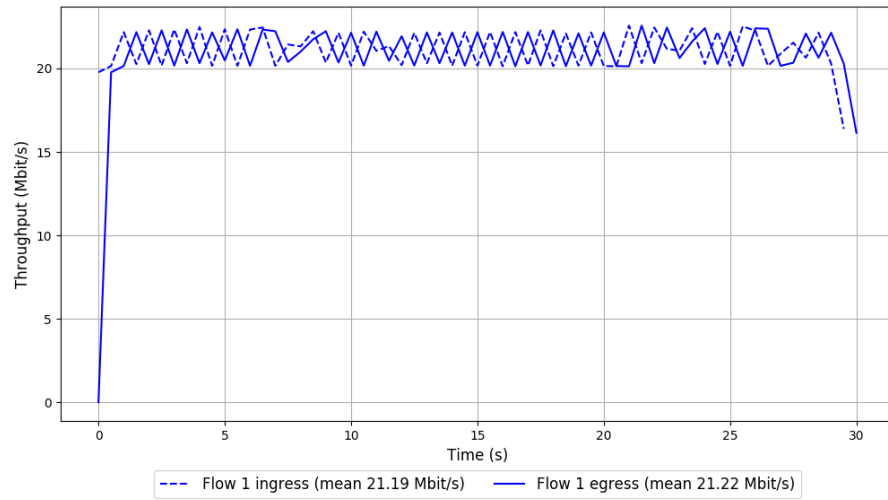


Run 2: Statistics of Sprout

Start at: 2018-07-10 12:47:14  
End at: 2018-07-10 12:47:44  
Local clock offset: 0.305 ms  
Remote clock offset: -1.159 ms

# Below is generated by plot.py at 2018-07-10 18:25:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 21.22 Mbit/s  
95th percentile per-packet one-way delay: 0.950 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 21.22 Mbit/s  
95th percentile per-packet one-way delay: 0.950 ms  
Loss rate: 0.02%

## Run 2: Report of Sprout — Data Link



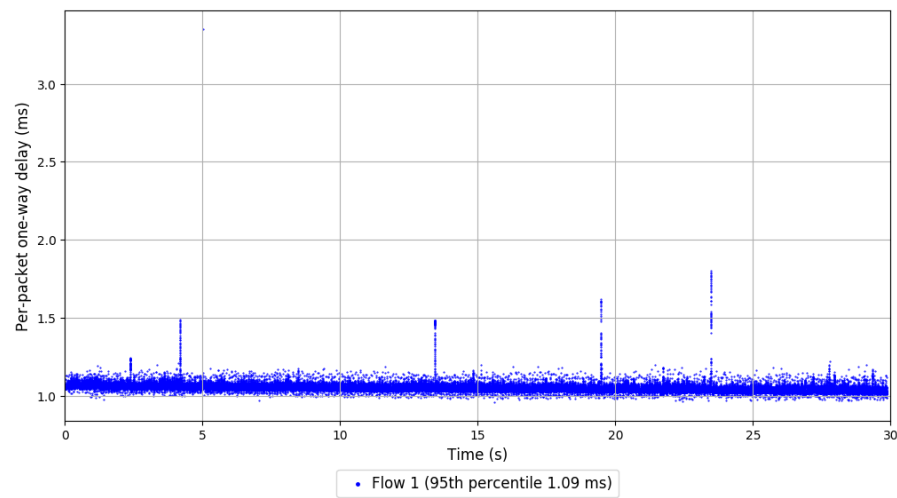
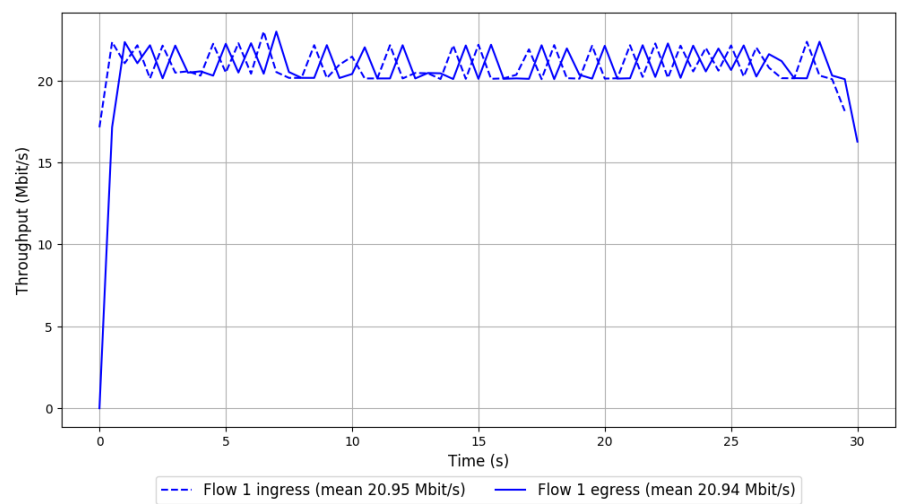
Run 3: Statistics of Sprout

Start at: 2018-07-10 13:13:01  
End at: 2018-07-10 13:13:31  
Local clock offset: 0.39 ms  
Remote clock offset: -4.163 ms

# Below is generated by plot.py at 2018-07-10 18:25:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 20.94 Mbit/s  
95th percentile per-packet one-way delay: 1.090 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 20.94 Mbit/s  
95th percentile per-packet one-way delay: 1.090 ms  
Loss rate: 0.15%



Run 3: Report of Sprout — Data Link

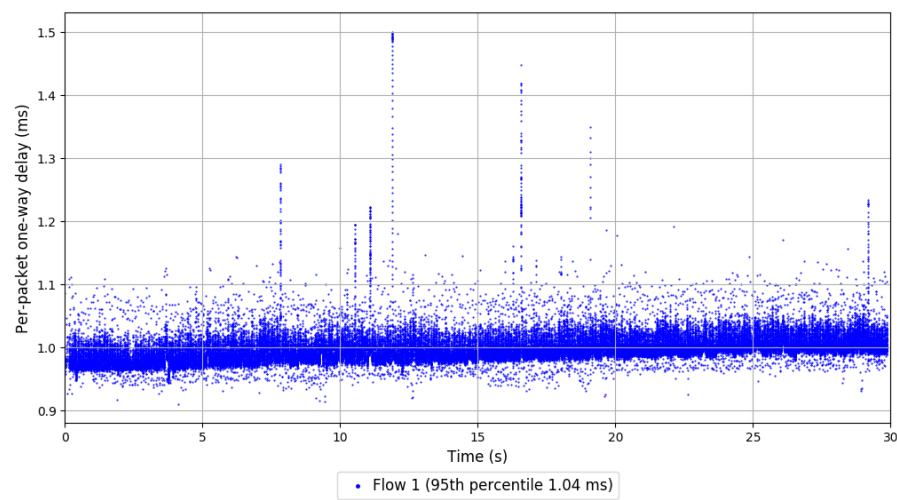
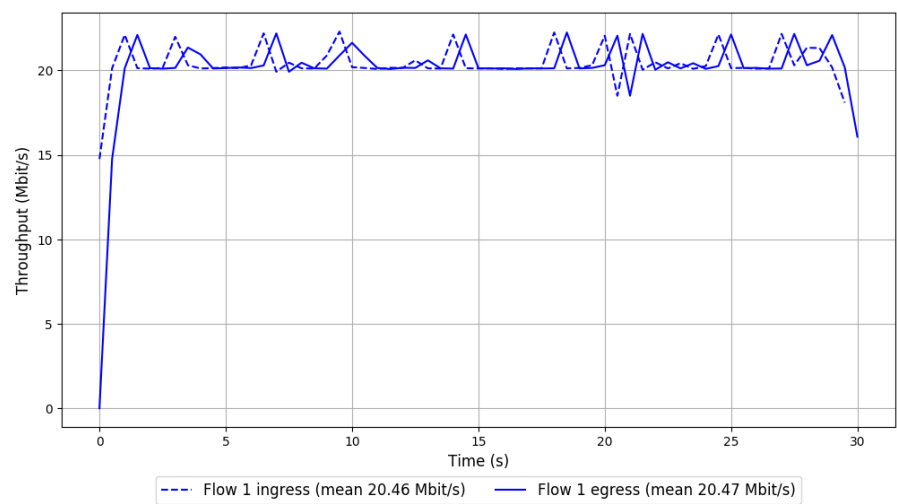


Run 4: Statistics of Sprout

Start at: 2018-07-10 13:38:56  
End at: 2018-07-10 13:39:26  
Local clock offset: 0.411 ms  
Remote clock offset: -0.382 ms

# Below is generated by plot.py at 2018-07-10 18:25:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 20.47 Mbit/s  
95th percentile per-packet one-way delay: 1.037 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 20.47 Mbit/s  
95th percentile per-packet one-way delay: 1.037 ms  
Loss rate: 0.16%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-07-10 14:04:54

End at: 2018-07-10 14:05:24

Local clock offset: 0.494 ms

Remote clock offset: 1.037 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 21.22 Mbit/s

95th percentile per-packet one-way delay: 1.185 ms

Loss rate: 0.16%

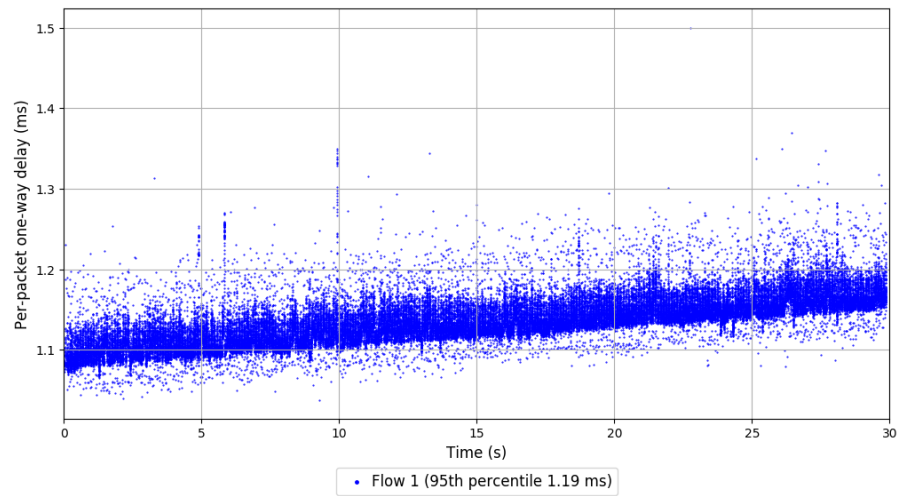
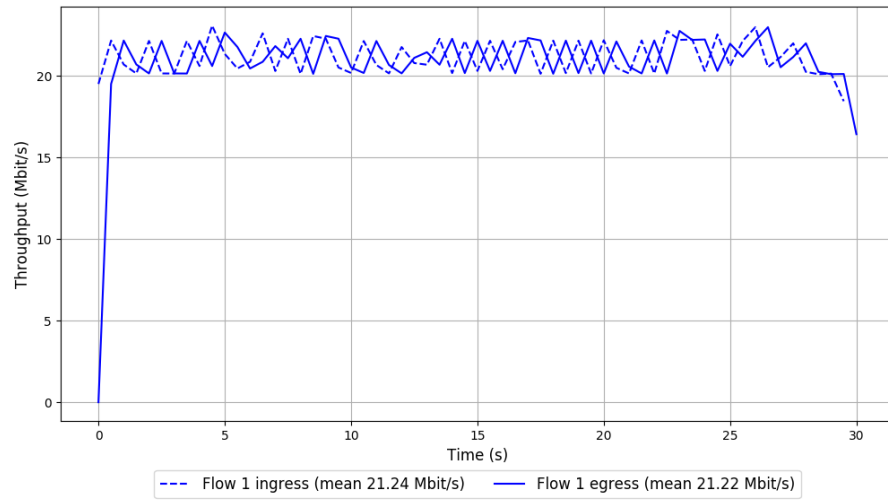
-- Flow 1:

Average throughput: 21.22 Mbit/s

95th percentile per-packet one-way delay: 1.185 ms

Loss rate: 0.16%

## Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-07-10 14:30:52

End at: 2018-07-10 14:31:22

Local clock offset: 0.266 ms

Remote clock offset: 1.099 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.90 Mbit/s

95th percentile per-packet one-way delay: 1.046 ms

Loss rate: 0.16%

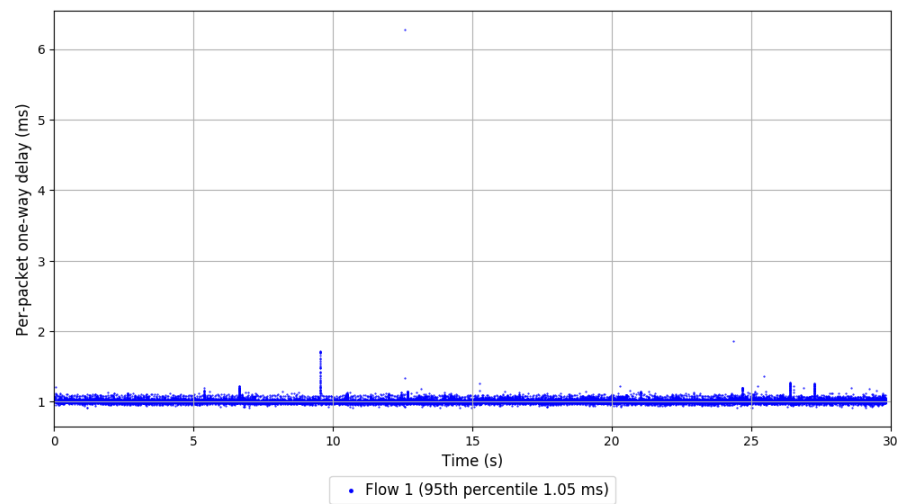
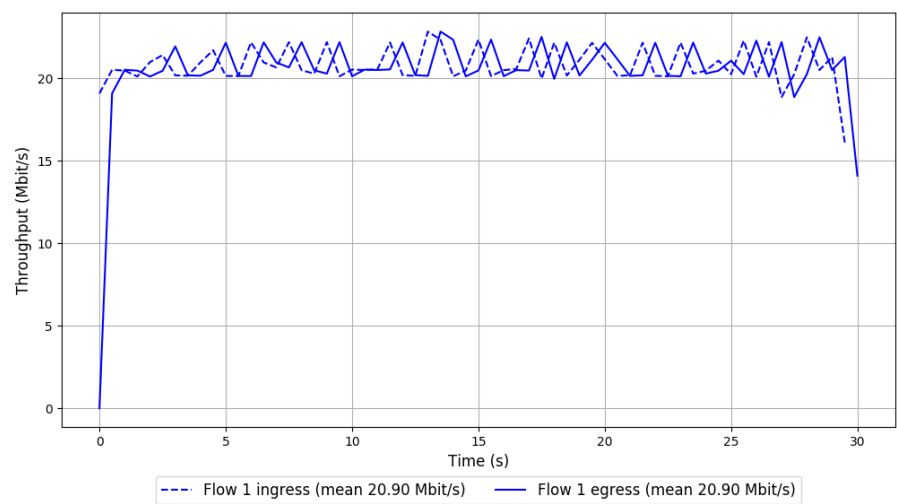
-- Flow 1:

Average throughput: 20.90 Mbit/s

95th percentile per-packet one-way delay: 1.046 ms

Loss rate: 0.16%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-07-10 14:56:27

End at: 2018-07-10 14:56:57

Local clock offset: 0.307 ms

Remote clock offset: 1.102 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.99 Mbit/s

95th percentile per-packet one-way delay: 1.134 ms

Loss rate: 0.00%

-- Flow 1:

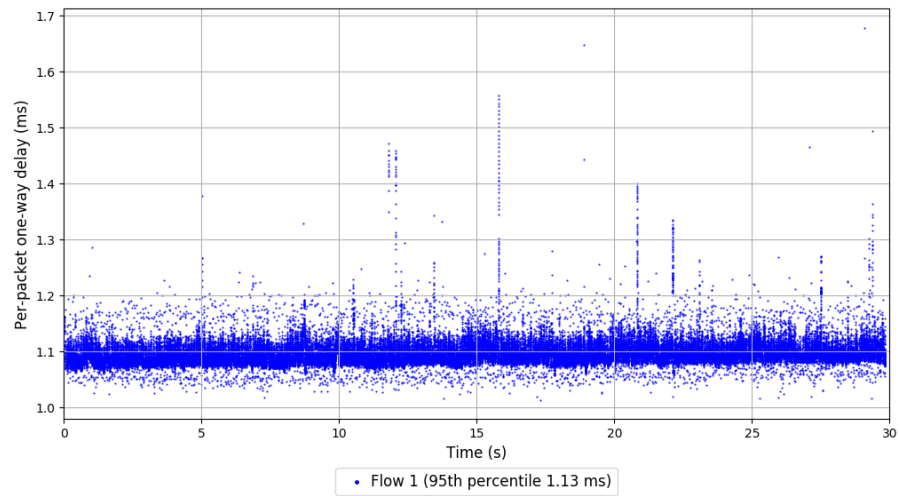
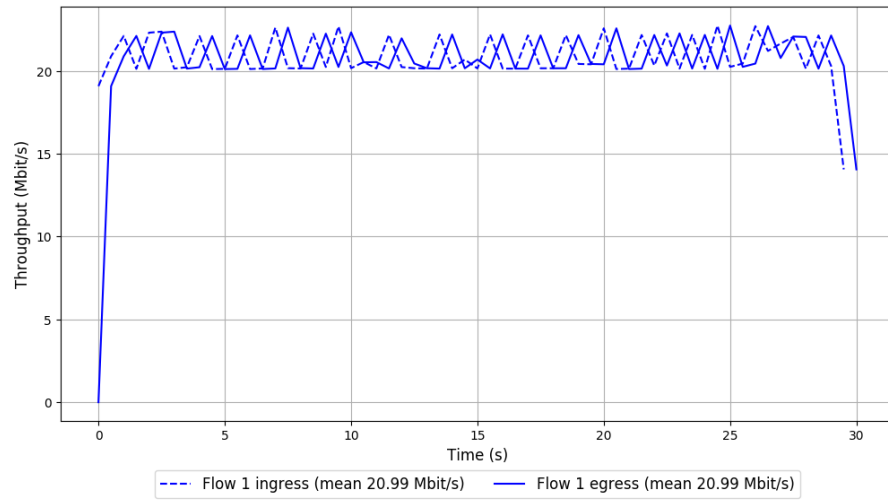
Average throughput: 20.99 Mbit/s

95th percentile per-packet one-way delay: 1.134 ms

Loss rate: 0.00%



# Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-07-10 15:22:17

End at: 2018-07-10 15:22:47

Local clock offset: 0.282 ms

Remote clock offset: 1.166 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.59 Mbit/s

95th percentile per-packet one-way delay: 1.121 ms

Loss rate: 0.00%

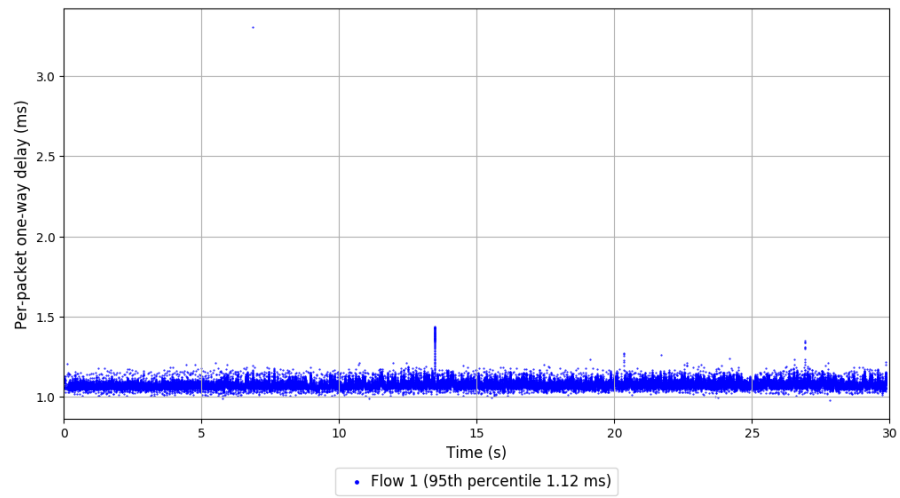
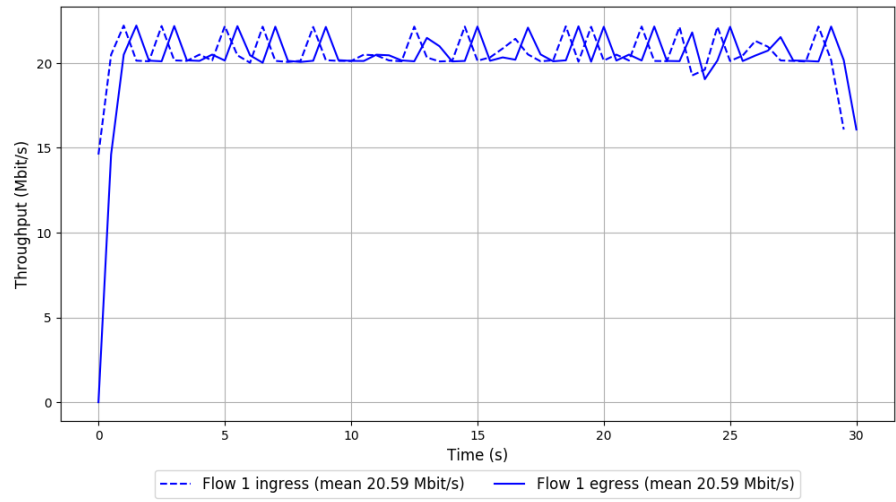
-- Flow 1:

Average throughput: 20.59 Mbit/s

95th percentile per-packet one-way delay: 1.121 ms

Loss rate: 0.00%

# Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-07-10 15:48:15

End at: 2018-07-10 15:48:45

Local clock offset: 0.153 ms

Remote clock offset: 1.173 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 21.30 Mbit/s

95th percentile per-packet one-way delay: 1.085 ms

Loss rate: 0.00%

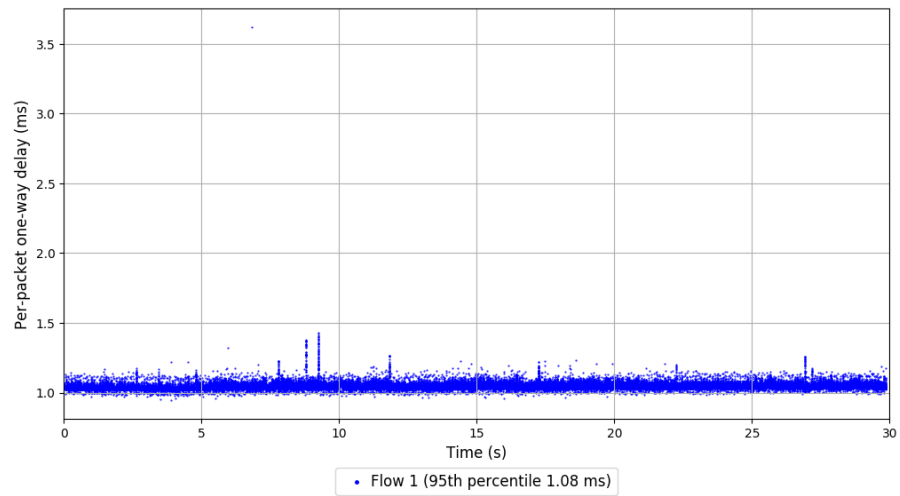
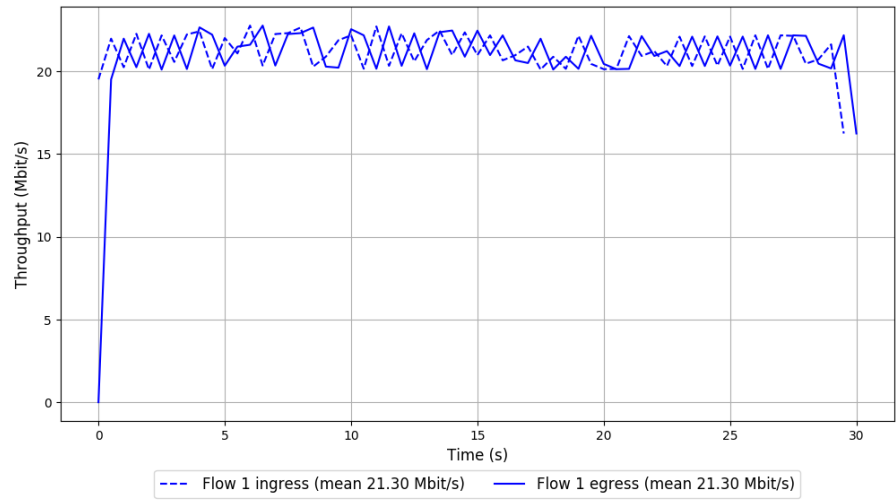
-- Flow 1:

Average throughput: 21.30 Mbit/s

95th percentile per-packet one-way delay: 1.085 ms

Loss rate: 0.00%

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



Run 10: Statistics of Sprout

Start at: 2018-07-10 16:14:05

End at: 2018-07-10 16:14:35

Local clock offset: -0.272 ms

Remote clock offset: 0.884 ms

# Below is generated by plot.py at 2018-07-10 18:25:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.78 Mbit/s

95th percentile per-packet one-way delay: 0.964 ms

Loss rate: 0.16%

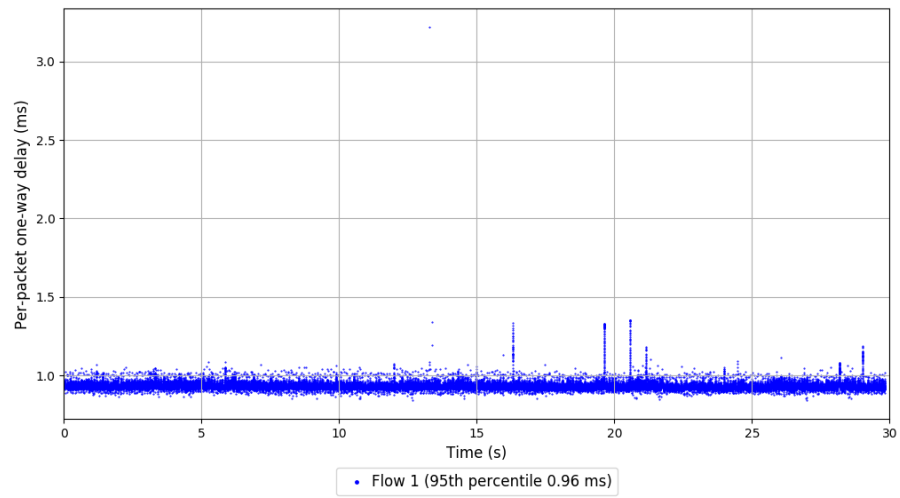
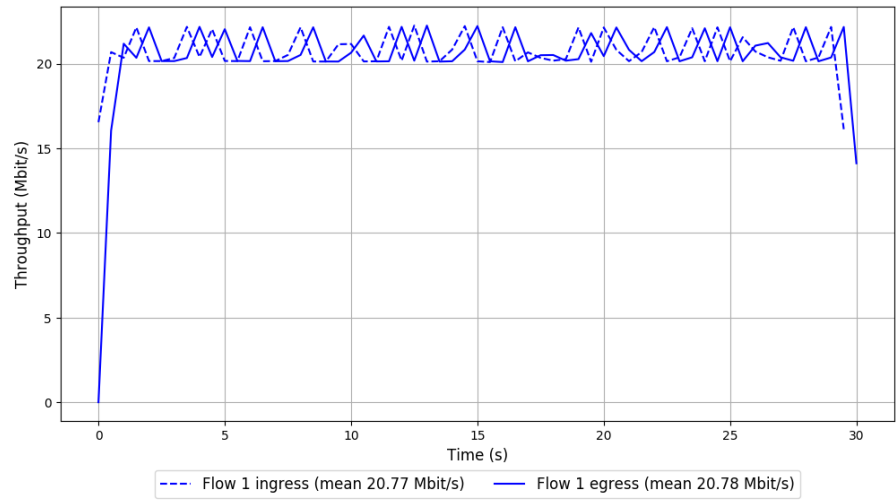
-- Flow 1:

Average throughput: 20.78 Mbit/s

95th percentile per-packet one-way delay: 0.964 ms

Loss rate: 0.16%

# Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-07-10 12:22:48

End at: 2018-07-10 12:23:18

Local clock offset: 0.23 ms

Remote clock offset: -0.472 ms

# Below is generated by plot.py at 2018-07-10 18:27:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 279.93 Mbit/s

95th percentile per-packet one-way delay: 1.059 ms

Loss rate: 0.06%

-- Flow 1:

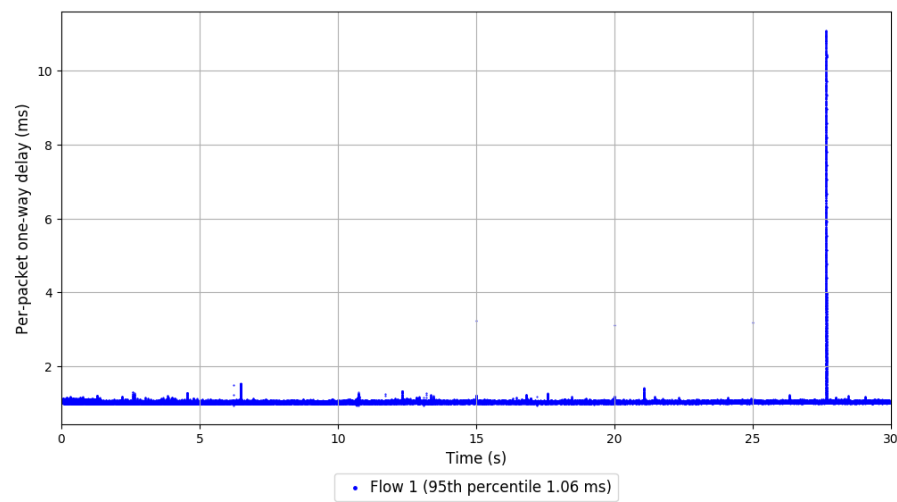
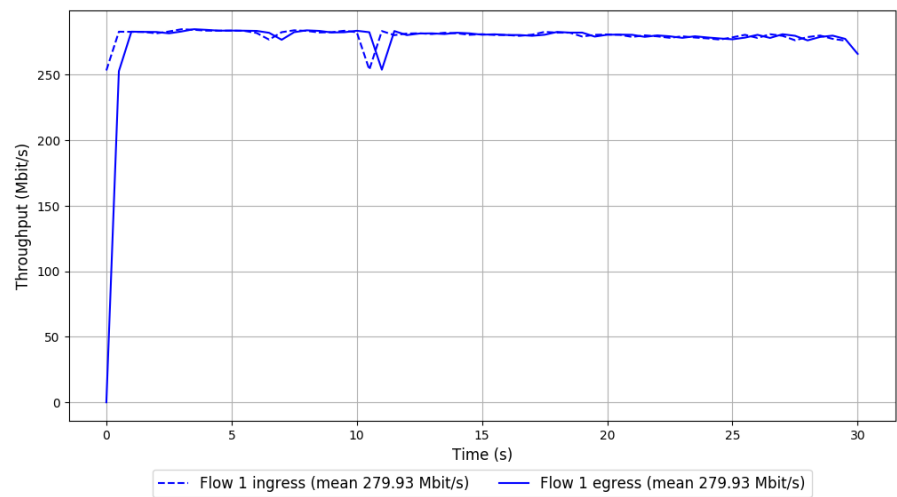
Average throughput: 279.93 Mbit/s

95th percentile per-packet one-way delay: 1.059 ms

Loss rate: 0.06%



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



Run 2: Statistics of TaoVA-100x

Start at: 2018-07-10 12:48:32

End at: 2018-07-10 12:49:02

Local clock offset: 0.229 ms

Remote clock offset: -1.544 ms

# Below is generated by plot.py at 2018-07-10 18:27:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 263.15 Mbit/s

95th percentile per-packet one-way delay: 0.910 ms

Loss rate: 0.03%

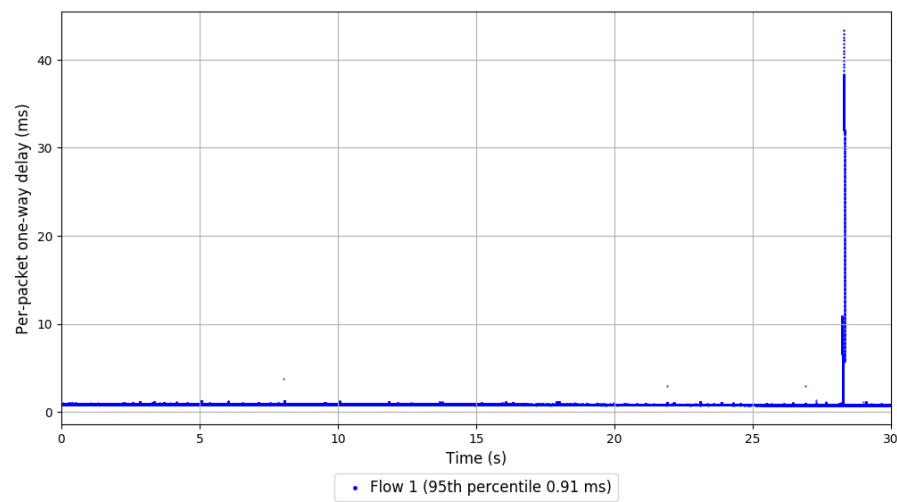
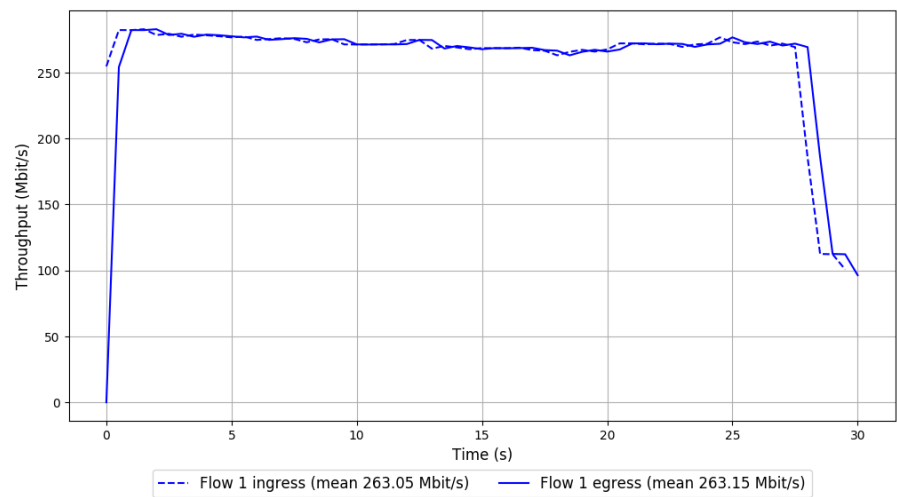
-- Flow 1:

Average throughput: 263.15 Mbit/s

95th percentile per-packet one-way delay: 0.910 ms

Loss rate: 0.03%

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

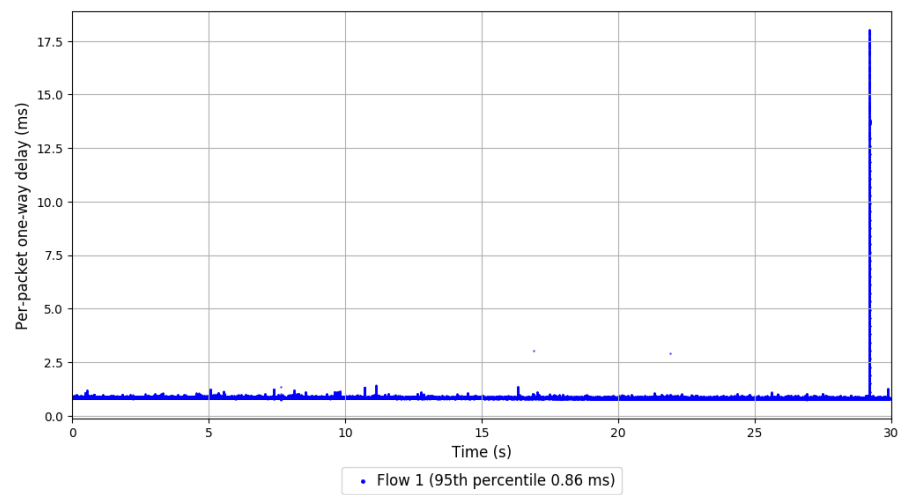
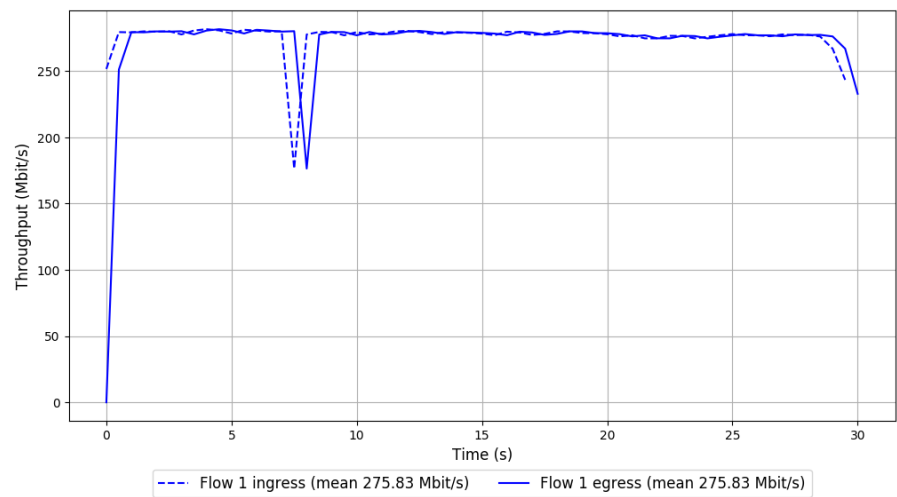


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-10 13:14:19  
End at: 2018-07-10 13:14:49  
Local clock offset: 0.302 ms  
Remote clock offset: -4.133 ms

# Below is generated by plot.py at 2018-07-10 18:27:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 275.83 Mbit/s  
95th percentile per-packet one-way delay: 0.857 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 275.83 Mbit/s  
95th percentile per-packet one-way delay: 0.857 ms  
Loss rate: 0.07%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-07-10 13:40:14

End at: 2018-07-10 13:40:44

Local clock offset: 0.484 ms

Remote clock offset: -0.327 ms

# Below is generated by plot.py at 2018-07-10 18:27:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 276.24 Mbit/s

95th percentile per-packet one-way delay: 1.087 ms

Loss rate: 0.06%

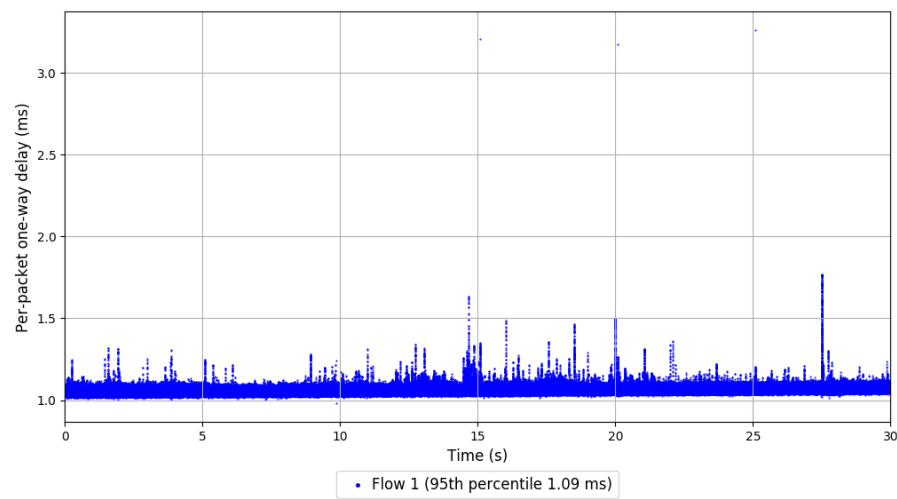
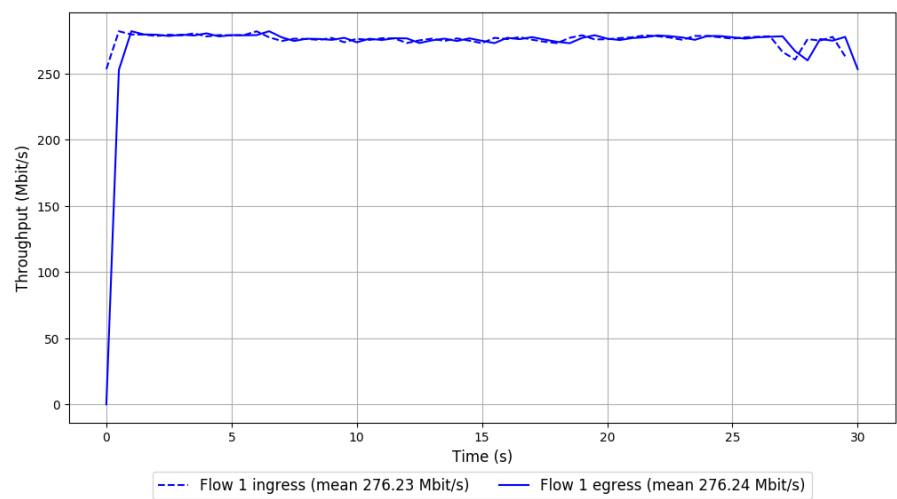
-- Flow 1:

Average throughput: 276.24 Mbit/s

95th percentile per-packet one-way delay: 1.087 ms

Loss rate: 0.06%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-07-10 14:06:12

End at: 2018-07-10 14:06:42

Local clock offset: 0.482 ms

Remote clock offset: 1.174 ms

# Below is generated by plot.py at 2018-07-10 18:31:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 279.12 Mbit/s

95th percentile per-packet one-way delay: 1.160 ms

Loss rate: 0.07%

-- Flow 1:

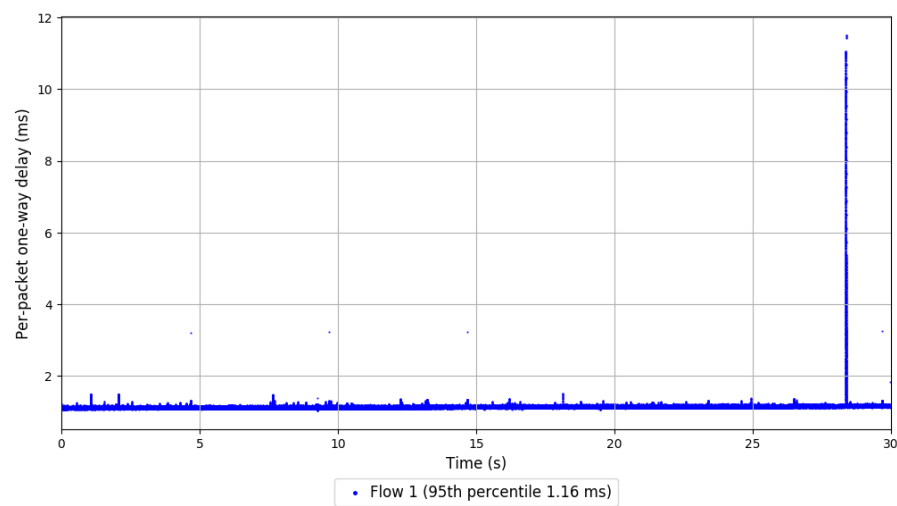
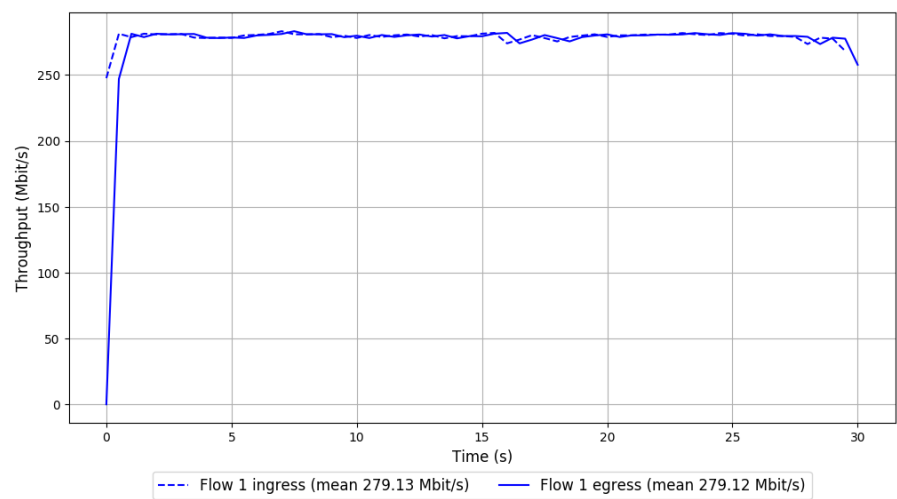
Average throughput: 279.12 Mbit/s

95th percentile per-packet one-way delay: 1.160 ms

Loss rate: 0.07%



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



Run 6: Statistics of TaoVA-100x

Start at: 2018-07-10 14:32:10

End at: 2018-07-10 14:32:40

Local clock offset: 0.188 ms

Remote clock offset: 1.043 ms

# Below is generated by plot.py at 2018-07-10 18:31:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 276.96 Mbit/s

95th percentile per-packet one-way delay: 0.983 ms

Loss rate: 0.06%

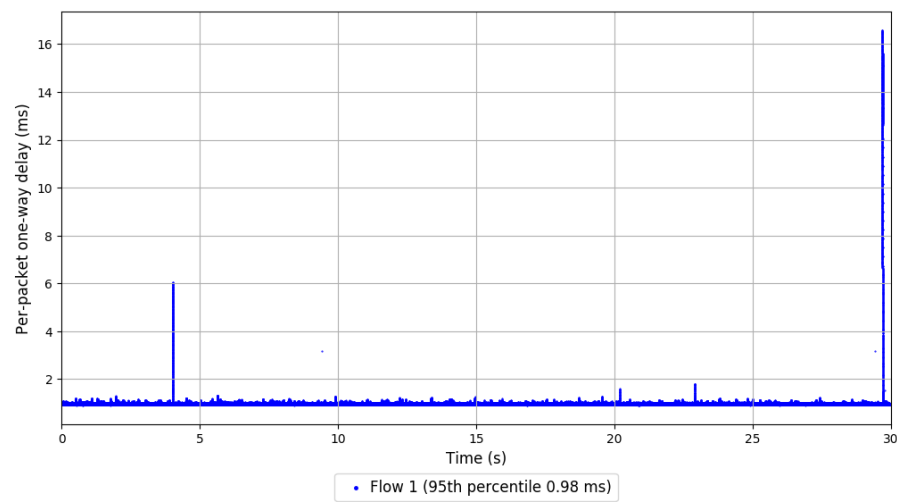
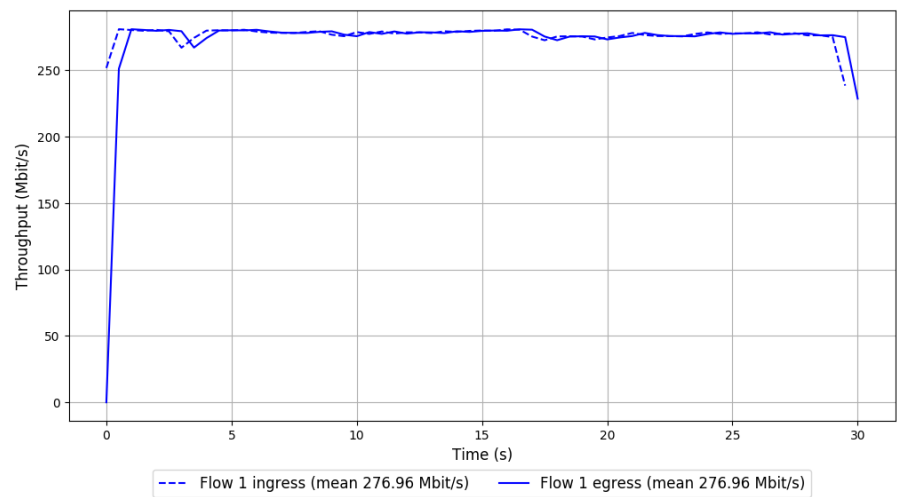
-- Flow 1:

Average throughput: 276.96 Mbit/s

95th percentile per-packet one-way delay: 0.983 ms

Loss rate: 0.06%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-07-10 14:57:46

End at: 2018-07-10 14:58:16

Local clock offset: 0.203 ms

Remote clock offset: 1.15 ms

# Below is generated by plot.py at 2018-07-10 18:31:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 277.34 Mbit/s

95th percentile per-packet one-way delay: 0.973 ms

Loss rate: 0.06%

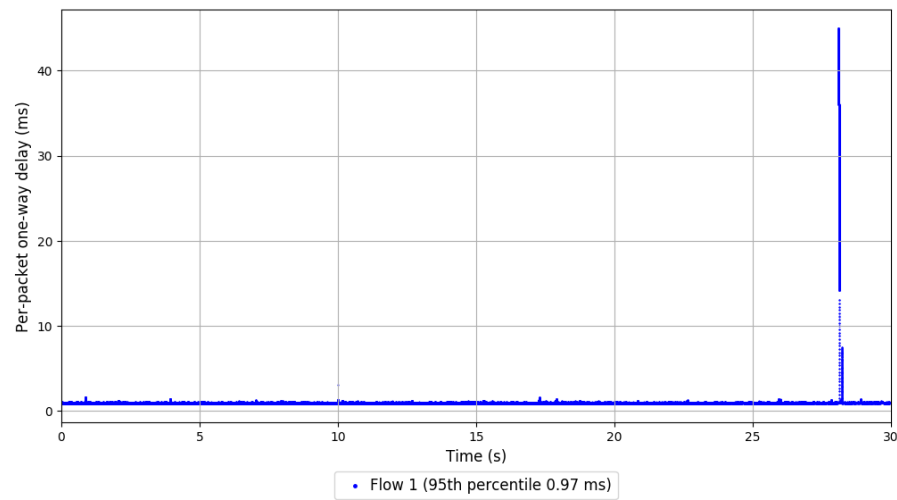
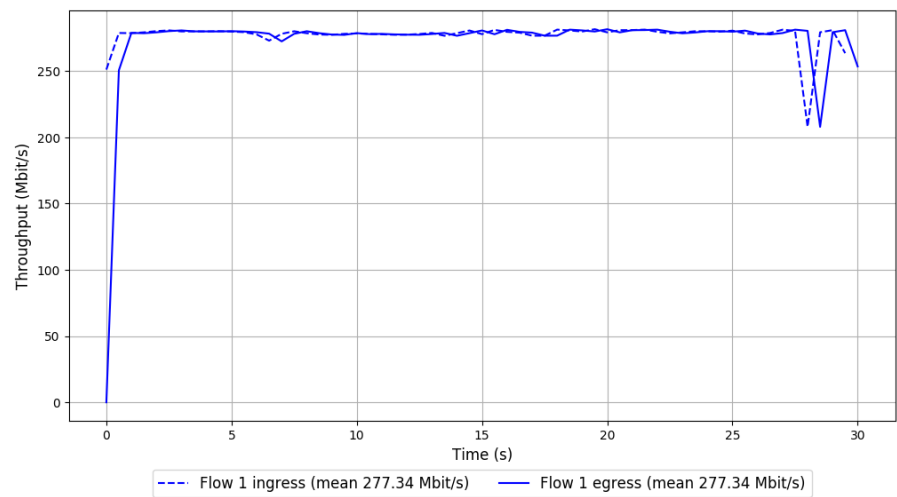
-- Flow 1:

Average throughput: 277.34 Mbit/s

95th percentile per-packet one-way delay: 0.973 ms

Loss rate: 0.06%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-07-10 15:23:36

End at: 2018-07-10 15:24:06

Local clock offset: 0.205 ms

Remote clock offset: 1.211 ms

# Below is generated by plot.py at 2018-07-10 18:32:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 277.89 Mbit/s

95th percentile per-packet one-way delay: 0.960 ms

Loss rate: 0.06%

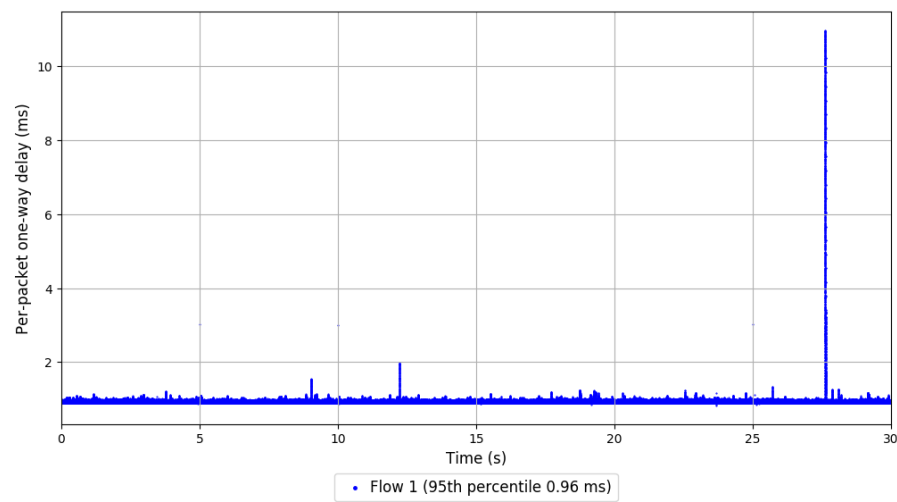
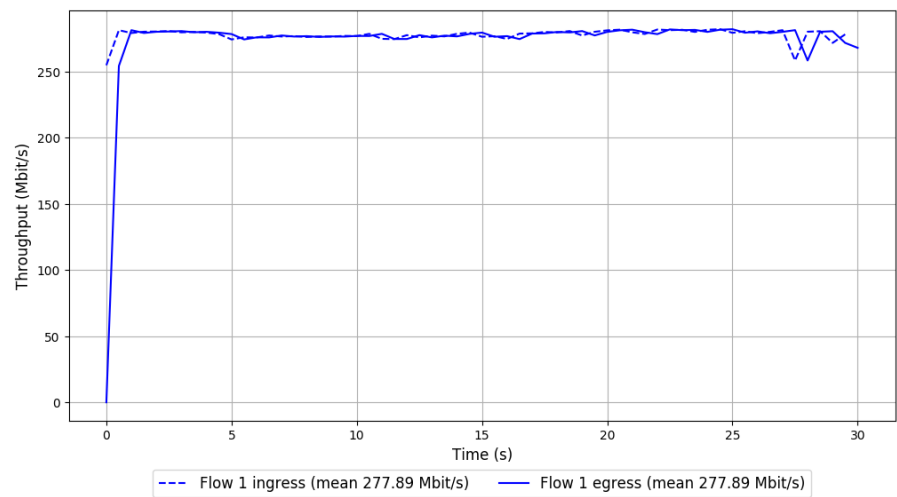
-- Flow 1:

Average throughput: 277.89 Mbit/s

95th percentile per-packet one-way delay: 0.960 ms

Loss rate: 0.06%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-07-10 15:49:33

End at: 2018-07-10 15:50:03

Local clock offset: 0.198 ms

Remote clock offset: 1.195 ms

# Below is generated by plot.py at 2018-07-10 18:33:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 279.04 Mbit/s

95th percentile per-packet one-way delay: 1.115 ms

Loss rate: 0.07%

-- Flow 1:

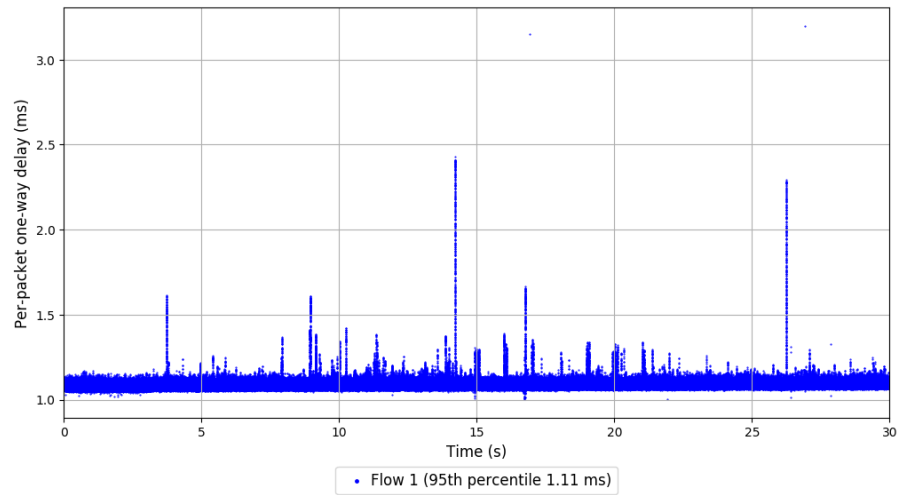
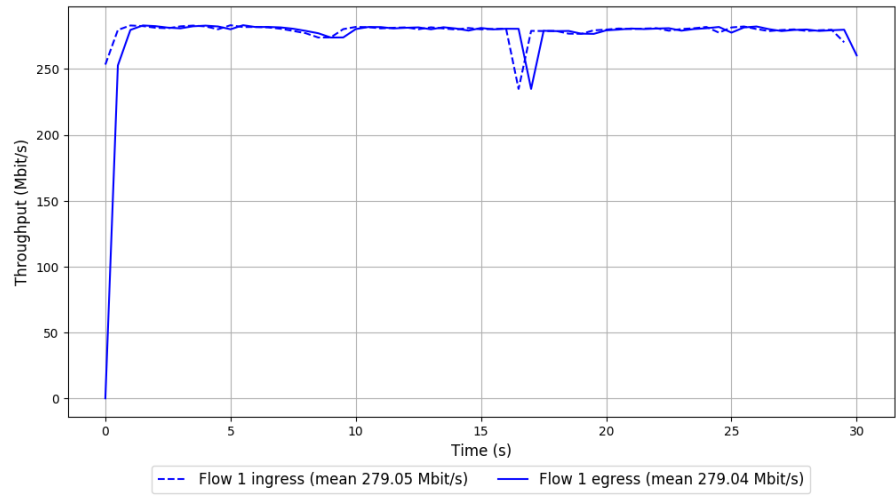
Average throughput: 279.04 Mbit/s

95th percentile per-packet one-way delay: 1.115 ms

Loss rate: 0.07%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-10 16:15:24

End at: 2018-07-10 16:15:54

Local clock offset: -0.195 ms

Remote clock offset: 0.794 ms

# Below is generated by plot.py at 2018-07-10 18:34:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 278.04 Mbit/s

95th percentile per-packet one-way delay: 1.084 ms

Loss rate: 0.07%

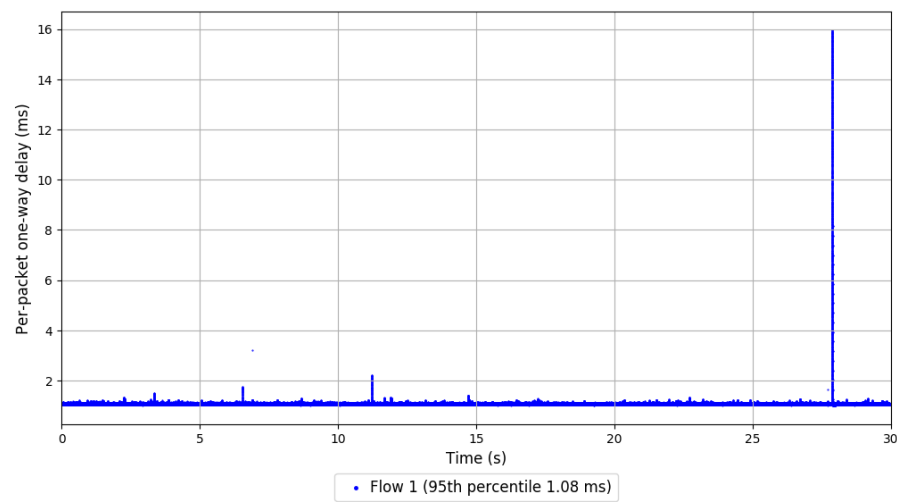
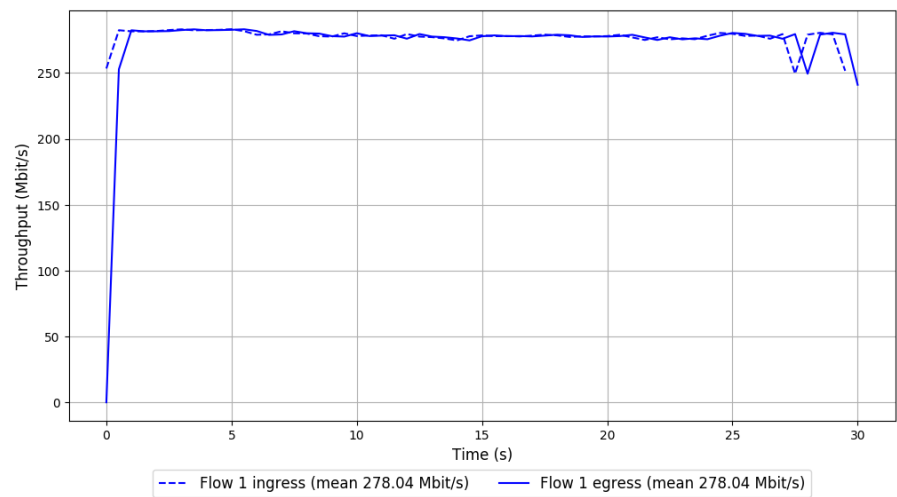
-- Flow 1:

Average throughput: 278.04 Mbit/s

95th percentile per-packet one-way delay: 1.084 ms

Loss rate: 0.07%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-07-10 12:28:36

End at: 2018-07-10 12:29:06

Local clock offset: 0.141 ms

Remote clock offset: -0.457 ms

# Below is generated by plot.py at 2018-07-10 18:34:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 364.69 Mbit/s

95th percentile per-packet one-way delay: 1.177 ms

Loss rate: 0.07%

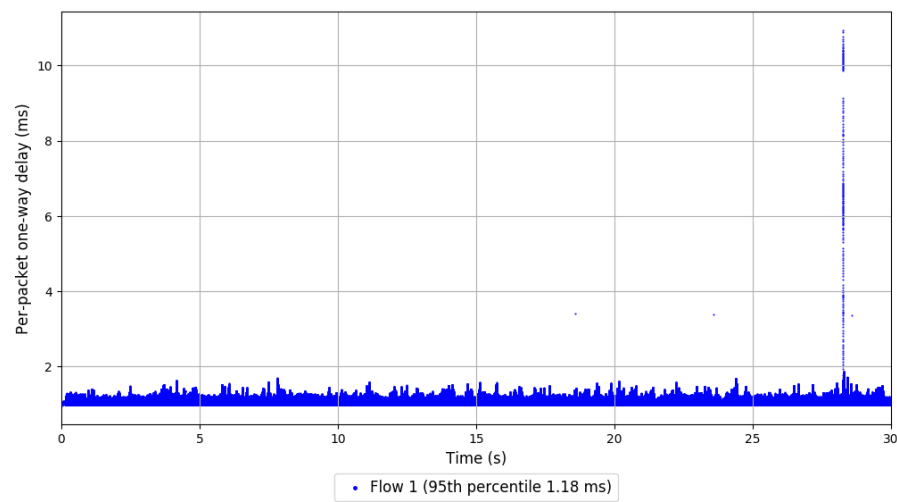
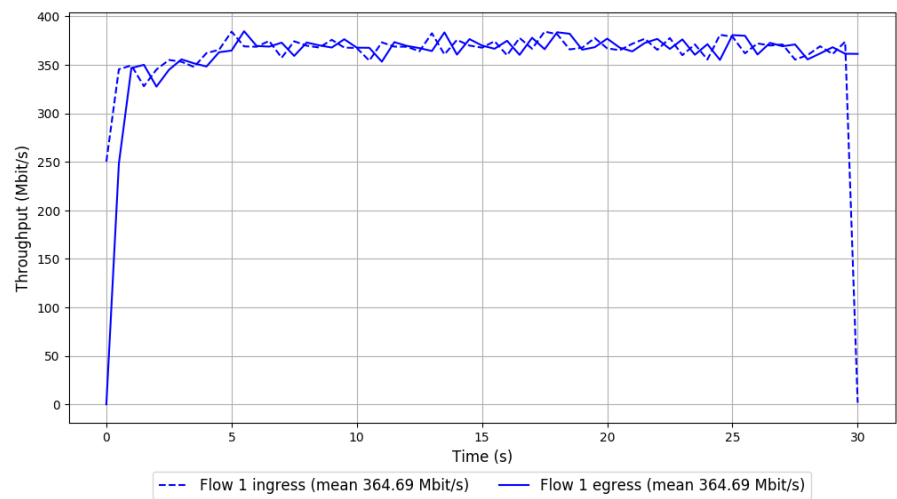
-- Flow 1:

Average throughput: 364.69 Mbit/s

95th percentile per-packet one-way delay: 1.177 ms

Loss rate: 0.07%

Run 1: Report of TCP Vegas — Data Link

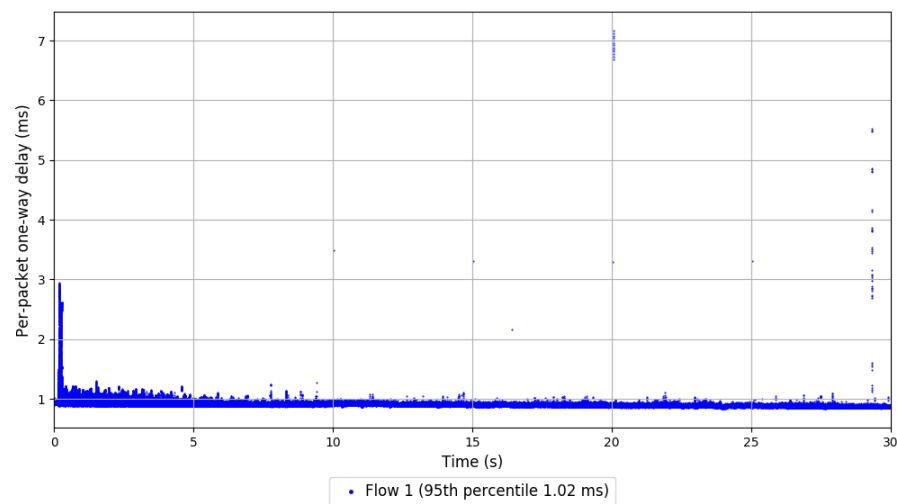
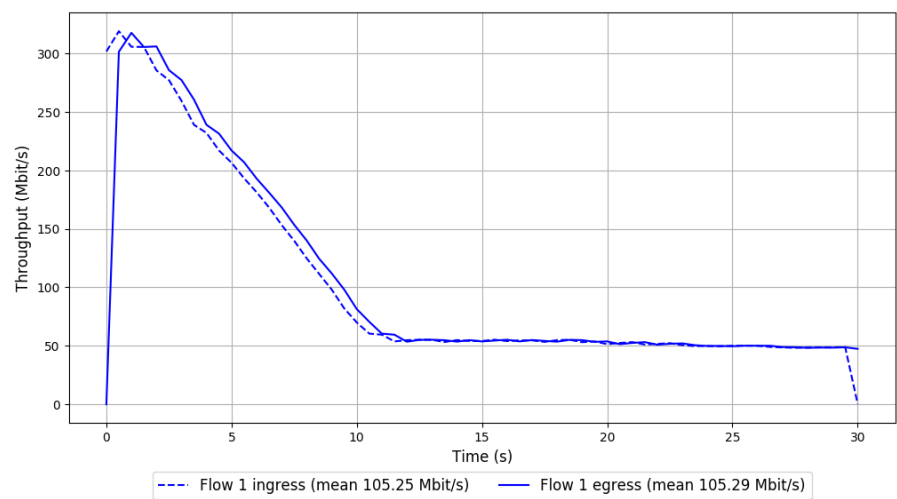


Run 2: Statistics of TCP Vegas

Start at: 2018-07-10 12:54:21  
End at: 2018-07-10 12:54:51  
Local clock offset: 0.313 ms  
Remote clock offset: -2.495 ms

# Below is generated by plot.py at 2018-07-10 18:34:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 105.29 Mbit/s  
95th percentile per-packet one-way delay: 1.016 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 105.29 Mbit/s  
95th percentile per-packet one-way delay: 1.016 ms  
Loss rate: 0.03%

Run 2: Report of TCP Vegas — Data Link



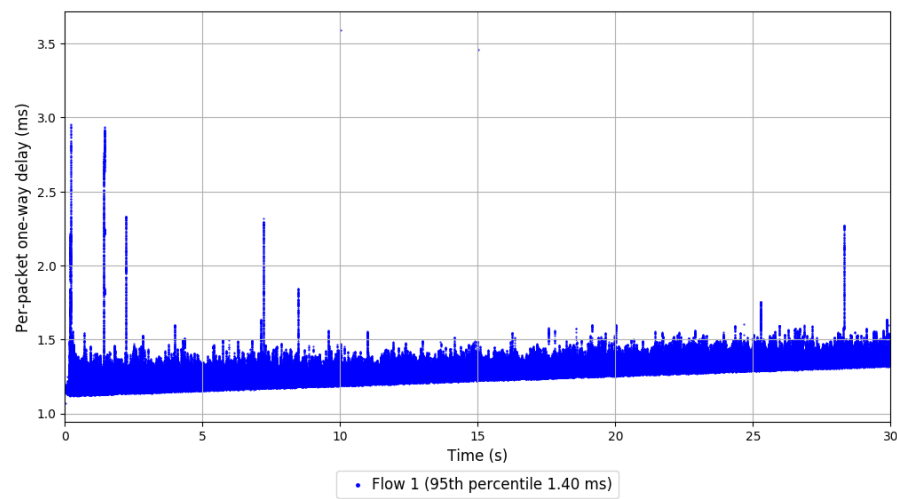
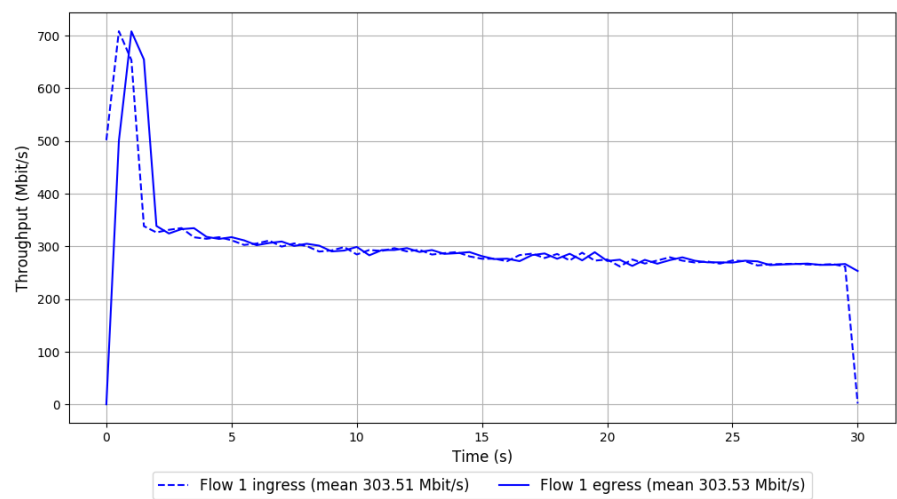
Run 3: Statistics of TCP Vegas

Start at: 2018-07-10 13:20:08  
End at: 2018-07-10 13:20:38  
Local clock offset: 0.423 ms  
Remote clock offset: -3.827 ms

# Below is generated by plot.py at 2018-07-10 18:34:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 303.53 Mbit/s  
95th percentile per-packet one-way delay: 1.398 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 303.53 Mbit/s  
95th percentile per-packet one-way delay: 1.398 ms  
Loss rate: 0.06%



Run 3: Report of TCP Vegas — Data Link

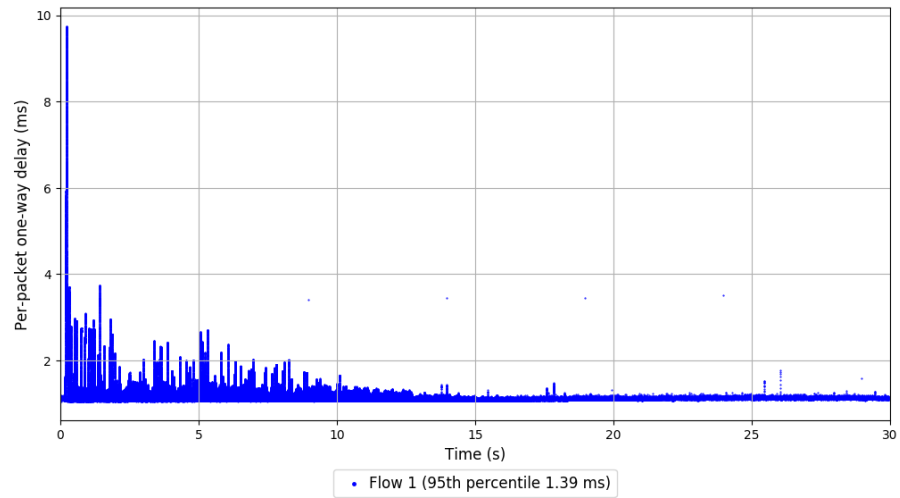
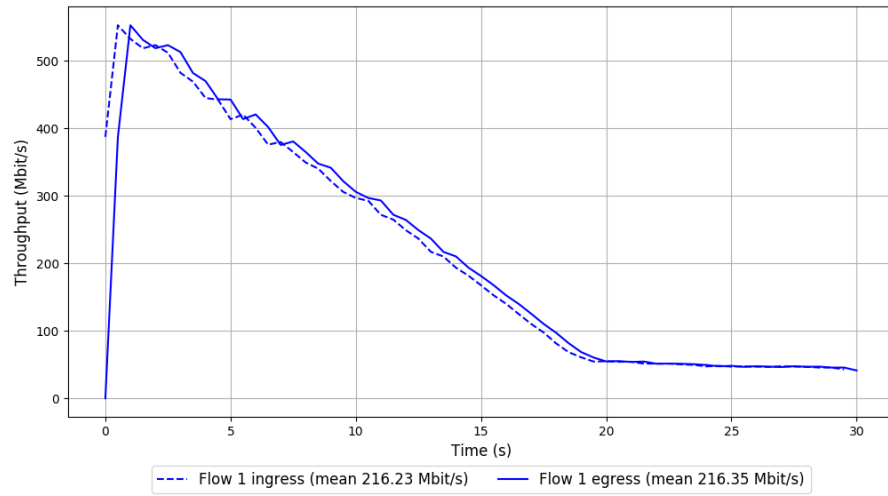


Run 4: Statistics of TCP Vegas

Start at: 2018-07-10 13:46:04  
End at: 2018-07-10 13:46:34  
Local clock offset: 0.516 ms  
Remote clock offset: -0.064 ms

# Below is generated by plot.py at 2018-07-10 18:34:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 216.35 Mbit/s  
95th percentile per-packet one-way delay: 1.393 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 216.35 Mbit/s  
95th percentile per-packet one-way delay: 1.393 ms  
Loss rate: 0.01%

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



Run 5: Statistics of TCP Vegas

Start at: 2018-07-10 14:12:02

End at: 2018-07-10 14:12:32

Local clock offset: 0.473 ms

Remote clock offset: 1.207 ms

# Below is generated by plot.py at 2018-07-10 18:35:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 317.64 Mbit/s

95th percentile per-packet one-way delay: 1.325 ms

Loss rate: 0.06%

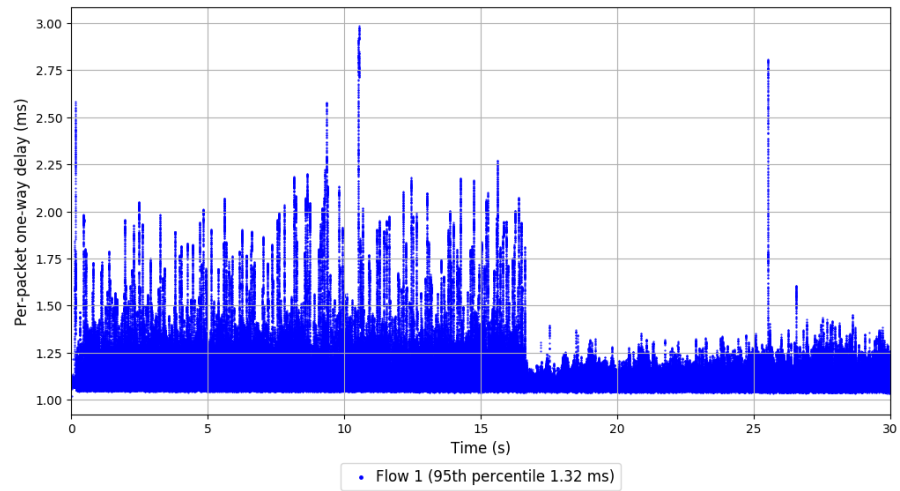
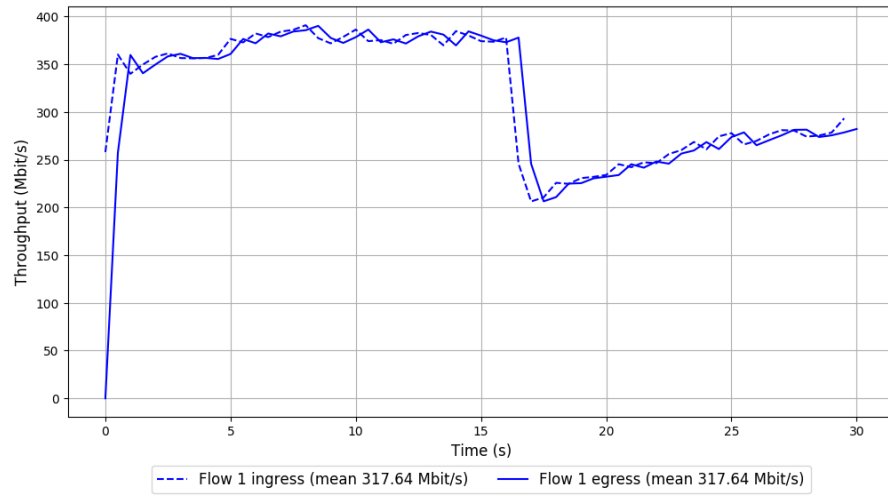
-- Flow 1:

Average throughput: 317.64 Mbit/s

95th percentile per-packet one-way delay: 1.325 ms

Loss rate: 0.06%

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



Run 6: Statistics of TCP Vegas

Start at: 2018-07-10 14:37:59

End at: 2018-07-10 14:38:29

Local clock offset: 0.192 ms

Remote clock offset: 1.057 ms

# Below is generated by plot.py at 2018-07-10 18:35:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 112.48 Mbit/s

95th percentile per-packet one-way delay: 1.109 ms

Loss rate: 0.02%

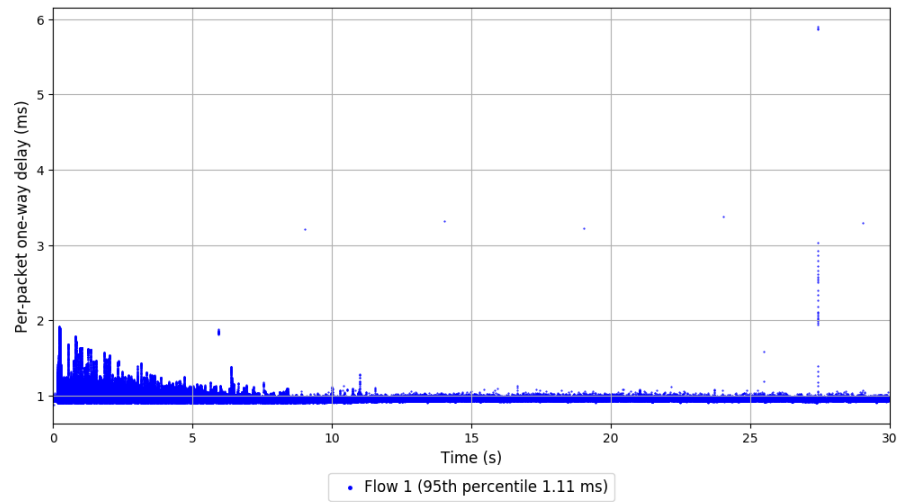
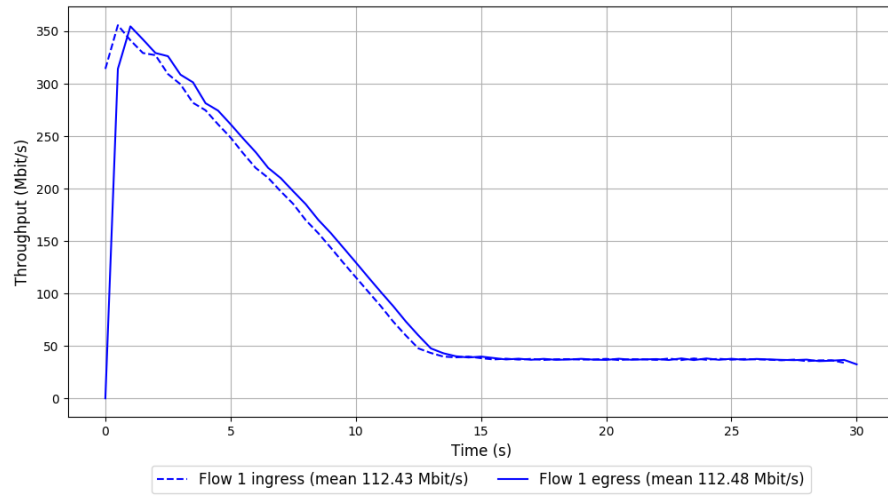
-- Flow 1:

Average throughput: 112.48 Mbit/s

95th percentile per-packet one-way delay: 1.109 ms

Loss rate: 0.02%

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



Run 7: Statistics of TCP Vegas

Start at: 2018-07-10 15:03:36

End at: 2018-07-10 15:04:06

Local clock offset: 0.254 ms

Remote clock offset: 1.15 ms

# Below is generated by plot.py at 2018-07-10 18:35:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 194.02 Mbit/s

95th percentile per-packet one-way delay: 1.268 ms

Loss rate: 0.01%

-- Flow 1:

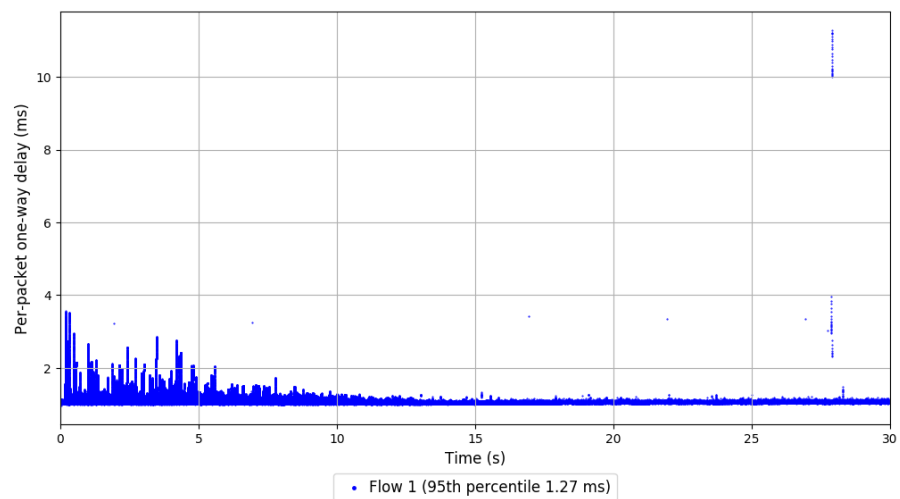
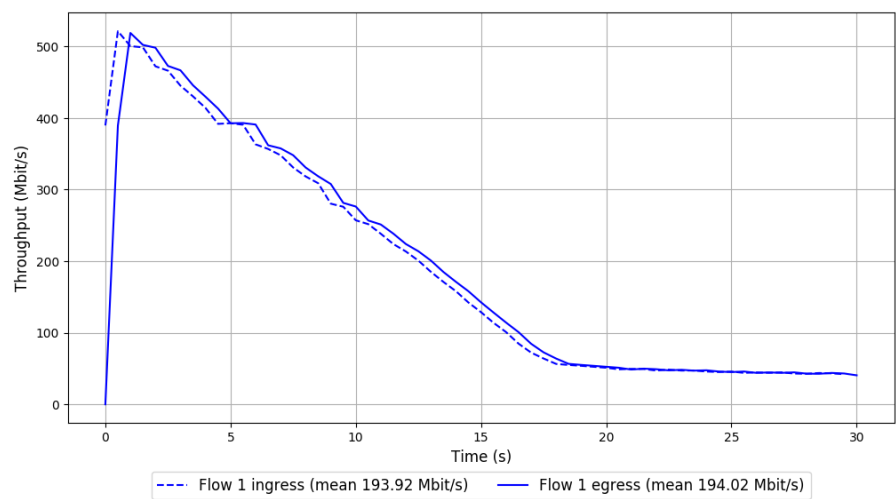
Average throughput: 194.02 Mbit/s

95th percentile per-packet one-way delay: 1.268 ms

Loss rate: 0.01%



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



Run 8: Statistics of TCP Vegas

Start at: 2018-07-10 15:29:26

End at: 2018-07-10 15:29:56

Local clock offset: 0.286 ms

Remote clock offset: 1.165 ms

# Below is generated by plot.py at 2018-07-10 18:35:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 183.89 Mbit/s

95th percentile per-packet one-way delay: 1.183 ms

Loss rate: 0.05%

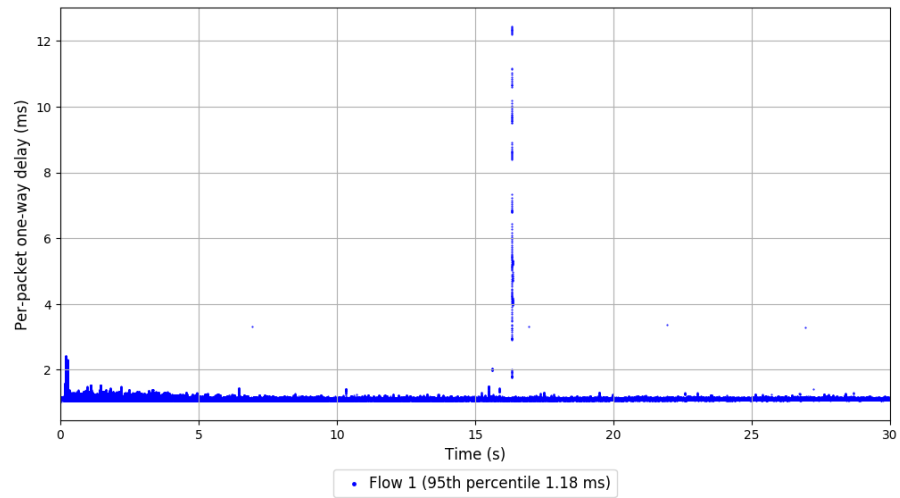
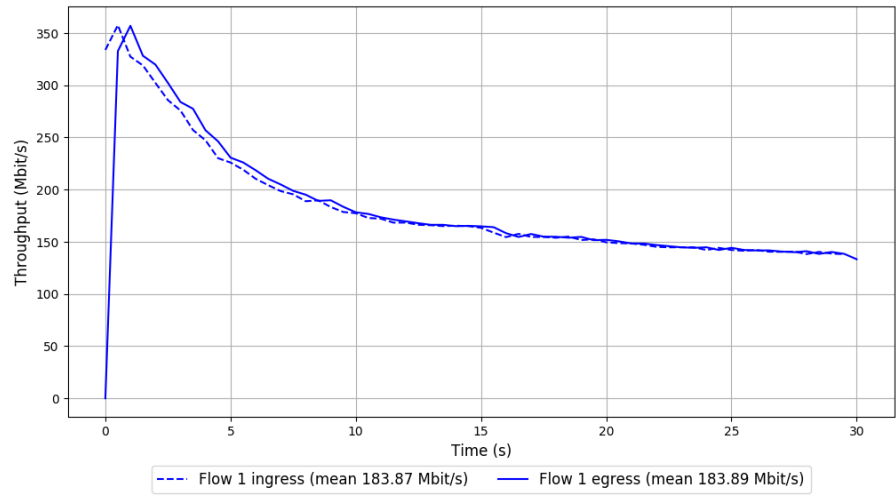
-- Flow 1:

Average throughput: 183.89 Mbit/s

95th percentile per-packet one-way delay: 1.183 ms

Loss rate: 0.05%

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



Run 9: Statistics of TCP Vegas

Start at: 2018-07-10 15:55:23

End at: 2018-07-10 15:55:53

Local clock offset: 0.118 ms

Remote clock offset: 1.285 ms

# Below is generated by plot.py at 2018-07-10 18:35:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.56 Mbit/s

95th percentile per-packet one-way delay: 1.151 ms

Loss rate: 0.03%

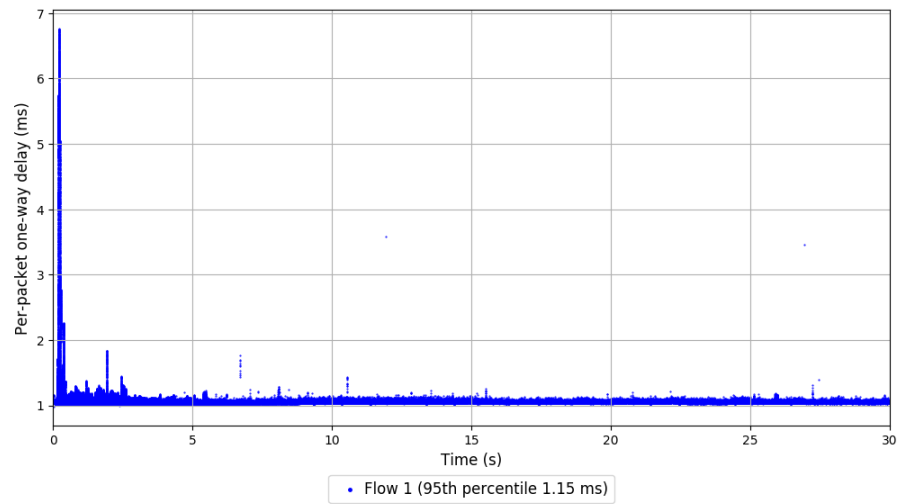
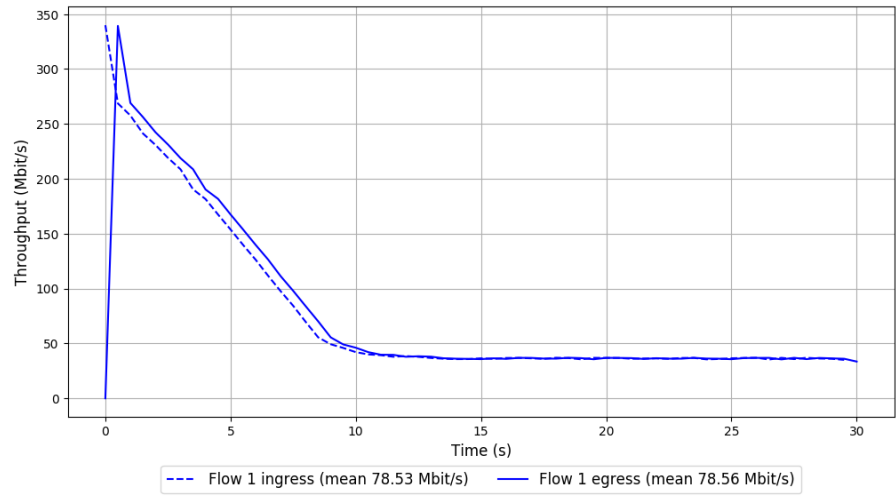
-- Flow 1:

Average throughput: 78.56 Mbit/s

95th percentile per-packet one-way delay: 1.151 ms

Loss rate: 0.03%

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



Run 10: Statistics of TCP Vegas

Start at: 2018-07-10 16:21:13

End at: 2018-07-10 16:21:43

Local clock offset: -0.264 ms

Remote clock offset: 0.676 ms

# Below is generated by plot.py at 2018-07-10 18:36:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 279.69 Mbit/s

95th percentile per-packet one-way delay: 1.209 ms

Loss rate: 0.06%

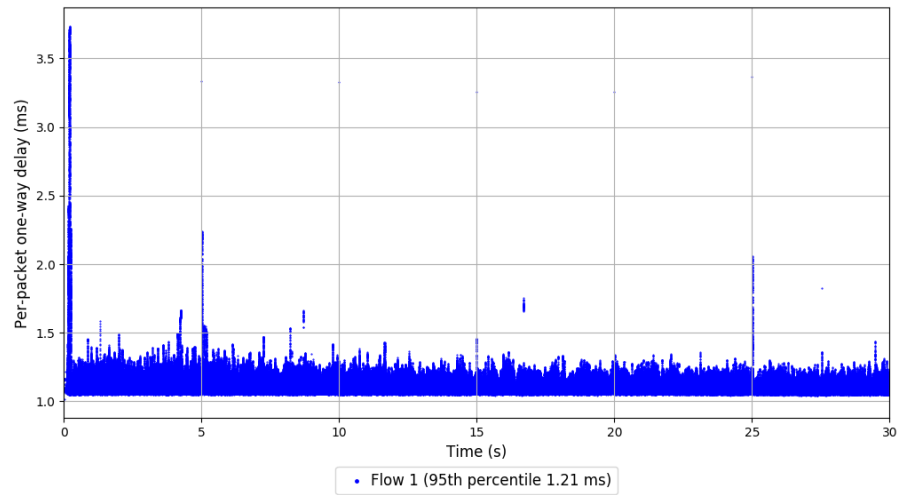
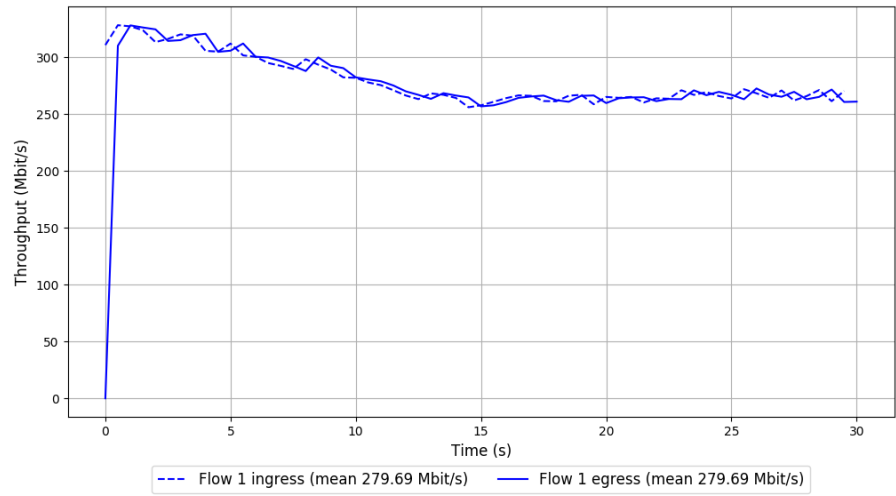
-- Flow 1:

Average throughput: 279.69 Mbit/s

95th percentile per-packet one-way delay: 1.209 ms

Loss rate: 0.06%

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-07-10 12:34:21

End at: 2018-07-10 12:34:51

Local clock offset: 0.244 ms

Remote clock offset: -0.37 ms

# Below is generated by plot.py at 2018-07-10 18:36:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 247.57 Mbit/s

95th percentile per-packet one-way delay: 7.547 ms

Loss rate: 0.00%

-- Flow 1:

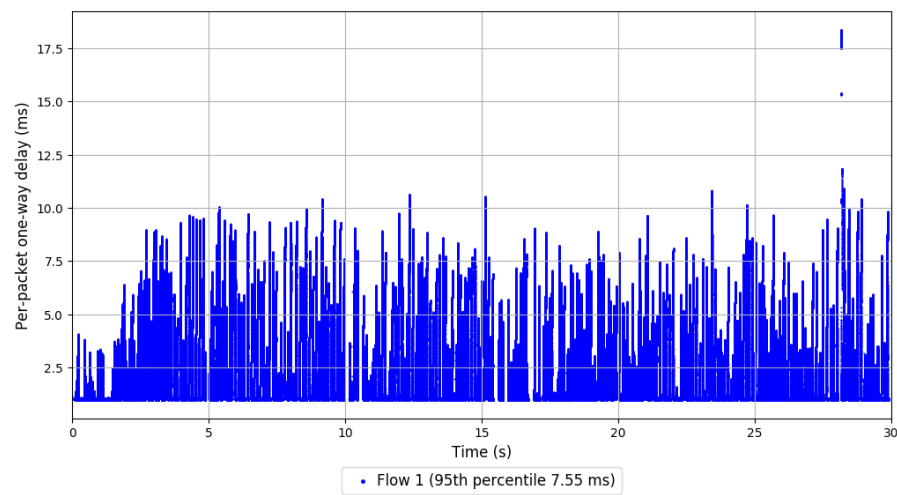
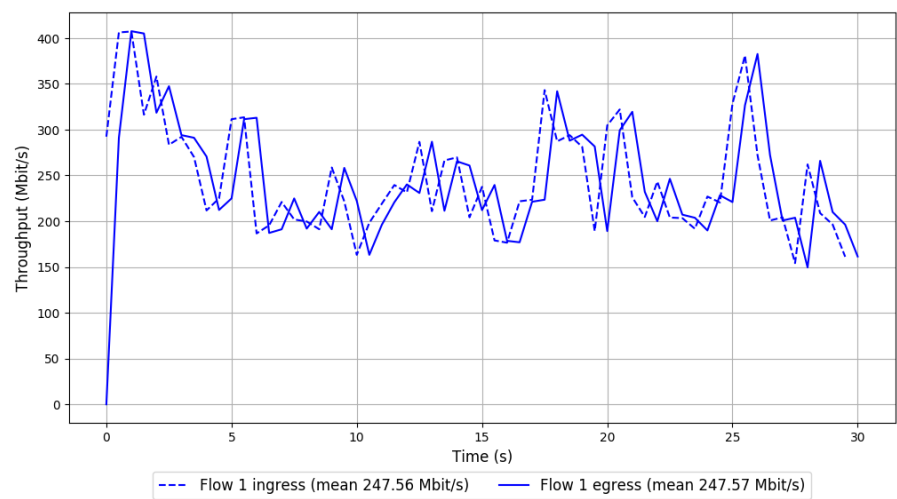
Average throughput: 247.57 Mbit/s

95th percentile per-packet one-way delay: 7.547 ms

Loss rate: 0.00%



Run 1: Report of Verus — Data Link

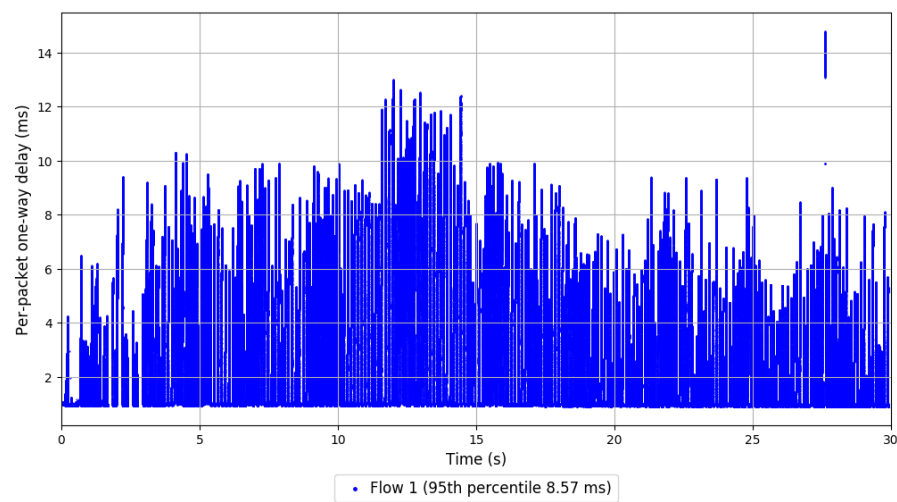
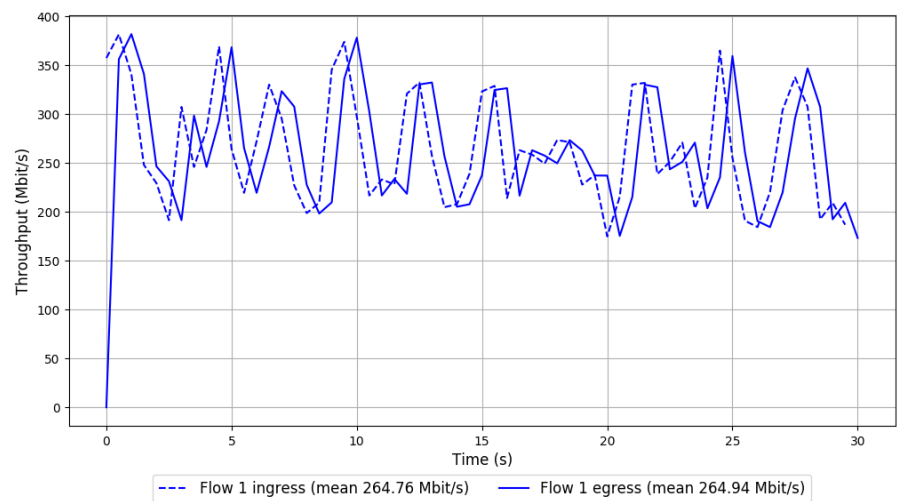


Run 2: Statistics of Verus

Start at: 2018-07-10 13:00:05  
End at: 2018-07-10 13:00:35  
Local clock offset: 0.35 ms  
Remote clock offset: -3.174 ms

# Below is generated by plot.py at 2018-07-10 18:37:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 264.94 Mbit/s  
95th percentile per-packet one-way delay: 8.574 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 264.94 Mbit/s  
95th percentile per-packet one-way delay: 8.574 ms  
Loss rate: 0.09%

Run 2: Report of Verus — Data Link

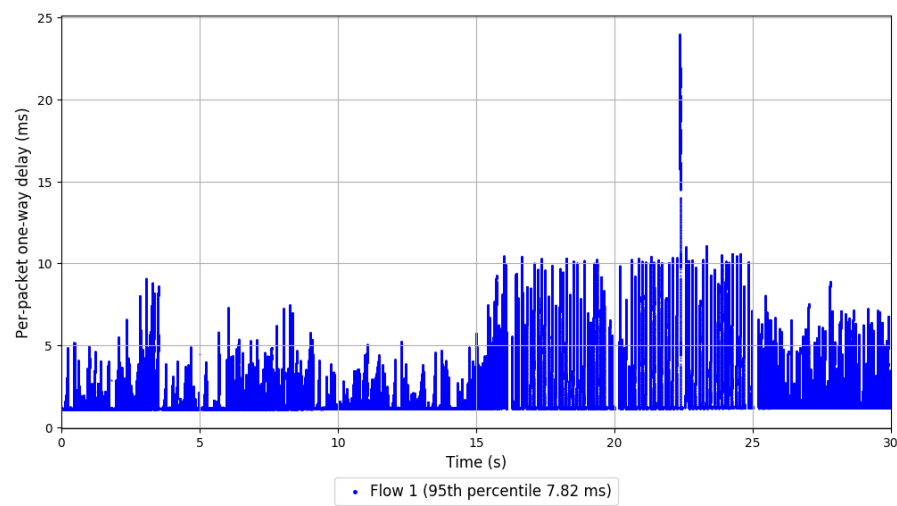
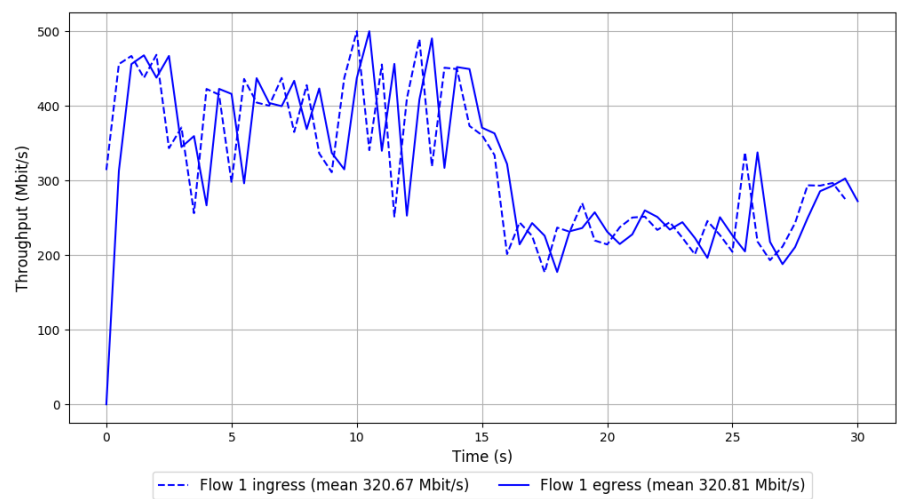


Run 3: Statistics of Verus

Start at: 2018-07-10 13:25:57  
End at: 2018-07-10 13:26:27  
Local clock offset: 0.44 ms  
Remote clock offset: -2.025 ms

# Below is generated by plot.py at 2018-07-10 18:37:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 320.81 Mbit/s  
95th percentile per-packet one-way delay: 7.821 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 320.81 Mbit/s  
95th percentile per-packet one-way delay: 7.821 ms  
Loss rate: 0.03%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-07-10 13:51:51

End at: 2018-07-10 13:52:22

Local clock offset: 0.501 ms

Remote clock offset: 0.15 ms

# Below is generated by plot.py at 2018-07-10 18:37:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 268.31 Mbit/s

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

Loss rate: 0.00%

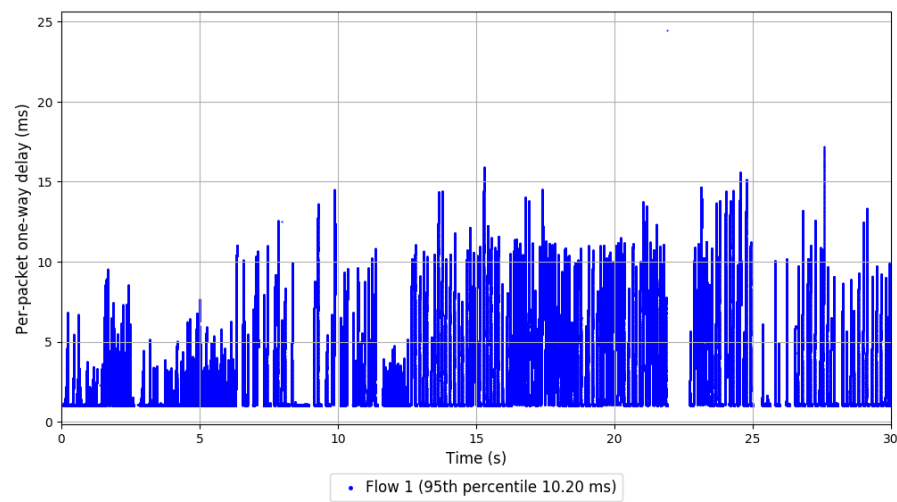
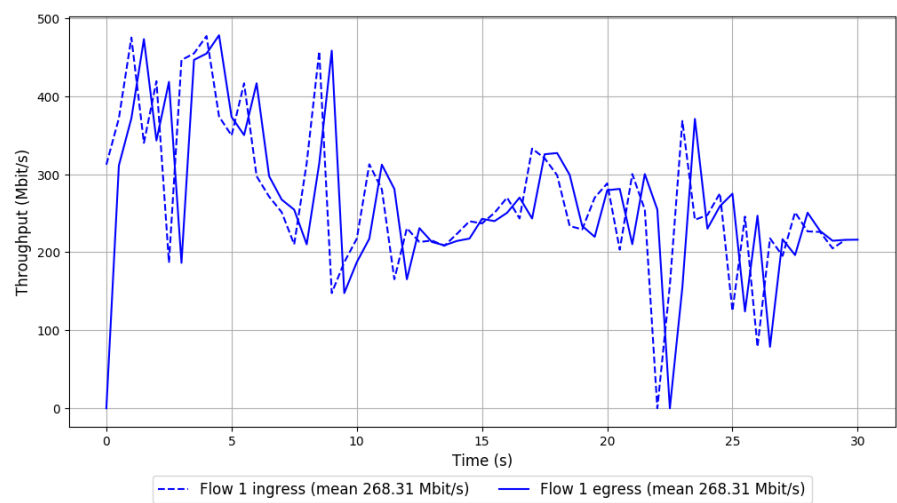
-- Flow 1:

Average throughput: 268.31 Mbit/s

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

Loss rate: 0.00%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-07-10 14:17:53

End at: 2018-07-10 14:18:23

Local clock offset: 0.334 ms

Remote clock offset: 1.1 ms

# Below is generated by plot.py at 2018-07-10 18:38:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 350.28 Mbit/s

95th percentile per-packet one-way delay: 8.060 ms

Loss rate: 0.15%

-- Flow 1:

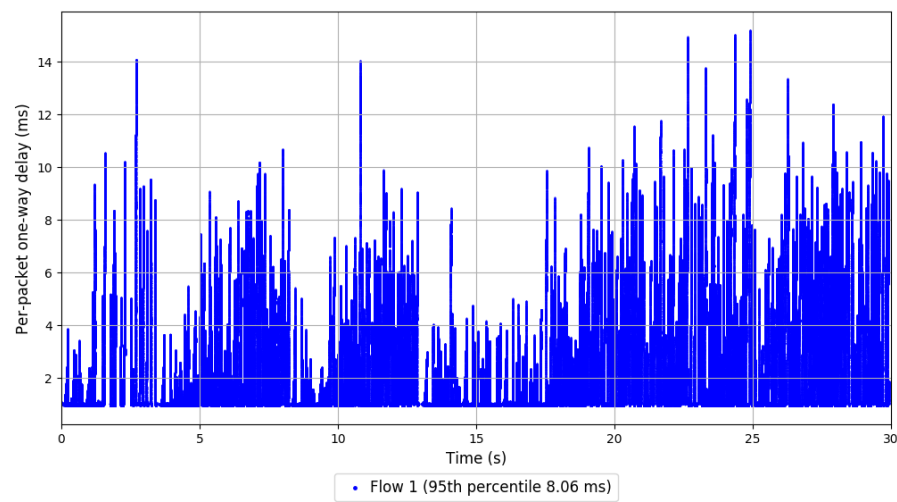
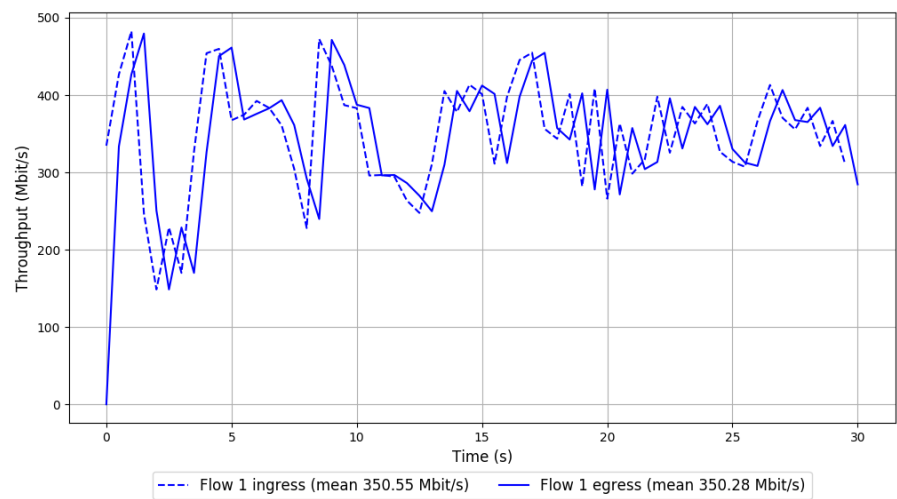
Average throughput: 350.28 Mbit/s

95th percentile per-packet one-way delay: 8.060 ms

Loss rate: 0.15%



Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-07-10 14:43:42

End at: 2018-07-10 14:44:12

Local clock offset: 0.288 ms

Remote clock offset: 1.035 ms

# Below is generated by plot.py at 2018-07-10 18:38:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 177.93 Mbit/s

95th percentile per-packet one-way delay: 9.849 ms

Loss rate: 0.29%

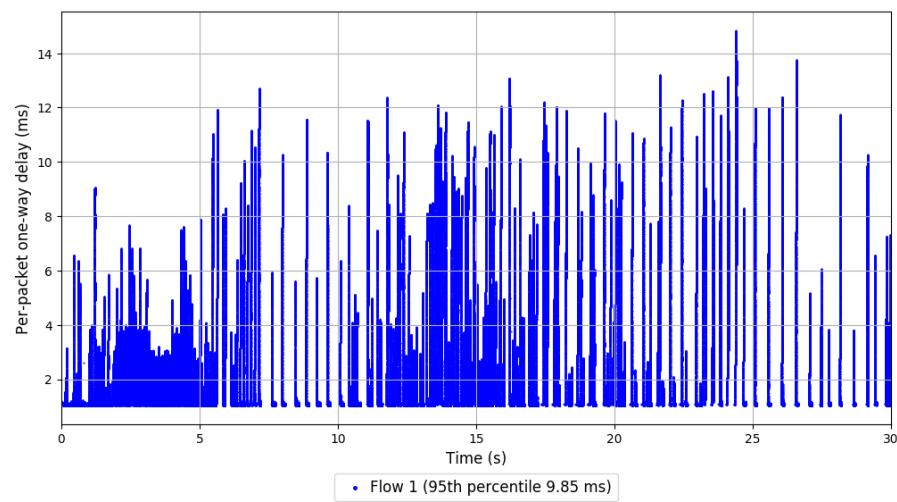
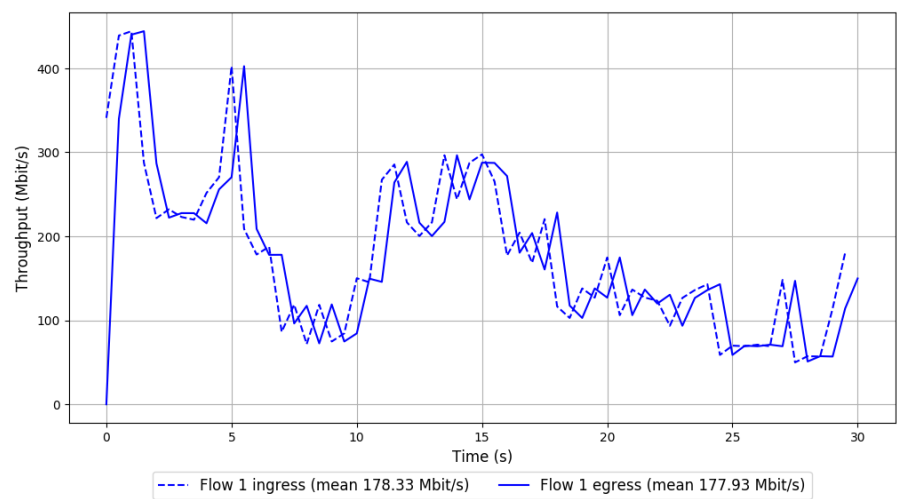
-- Flow 1:

Average throughput: 177.93 Mbit/s

95th percentile per-packet one-way delay: 9.849 ms

Loss rate: 0.29%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-07-10 15:09:23

End at: 2018-07-10 15:09:53

Local clock offset: 0.287 ms

Remote clock offset: 1.127 ms

# Below is generated by plot.py at 2018-07-10 18:38:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 251.76 Mbit/s

95th percentile per-packet one-way delay: 6.264 ms

Loss rate: 0.01%

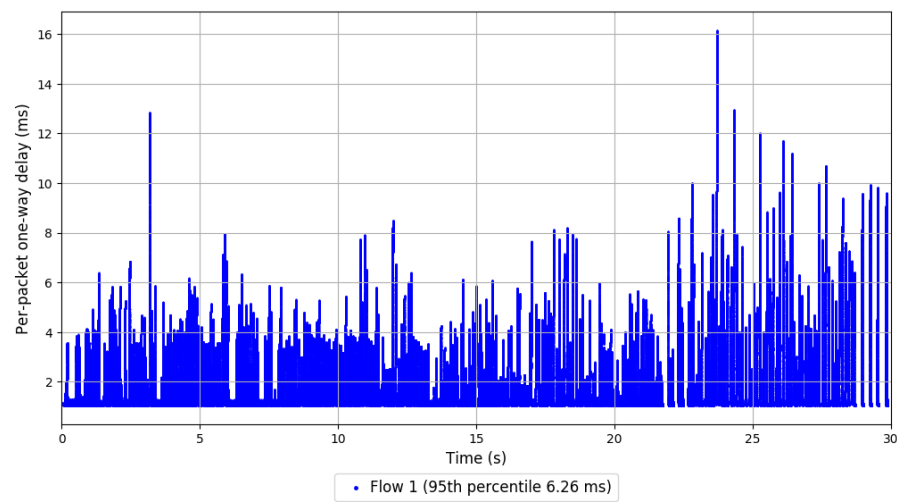
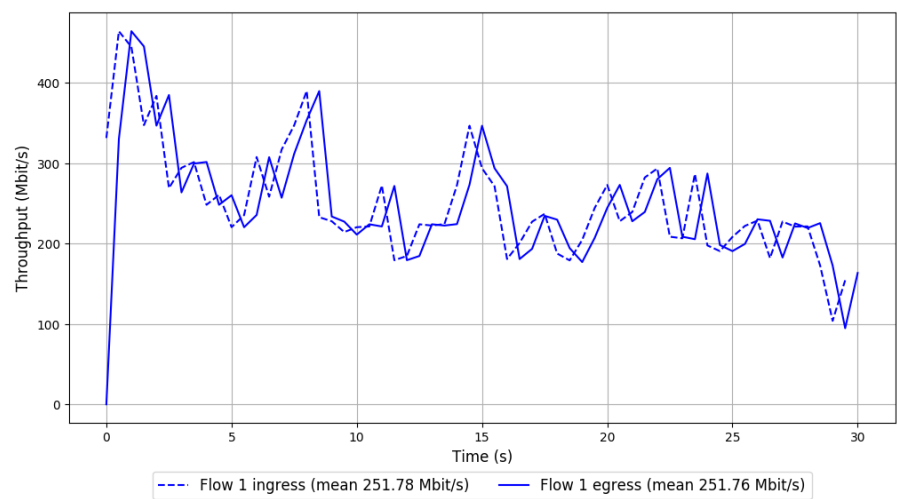
-- Flow 1:

Average throughput: 251.76 Mbit/s

95th percentile per-packet one-way delay: 6.264 ms

Loss rate: 0.01%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-07-10 15:35:13

End at: 2018-07-10 15:35:43

Local clock offset: 0.172 ms

Remote clock offset: 1.214 ms

# Below is generated by plot.py at 2018-07-10 18:40:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 340.12 Mbit/s

95th percentile per-packet one-way delay: 7.482 ms

Loss rate: 0.23%

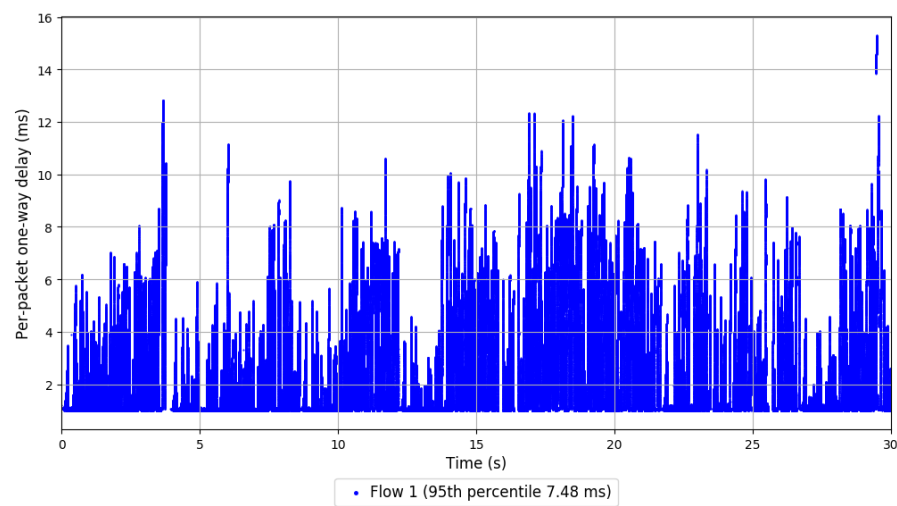
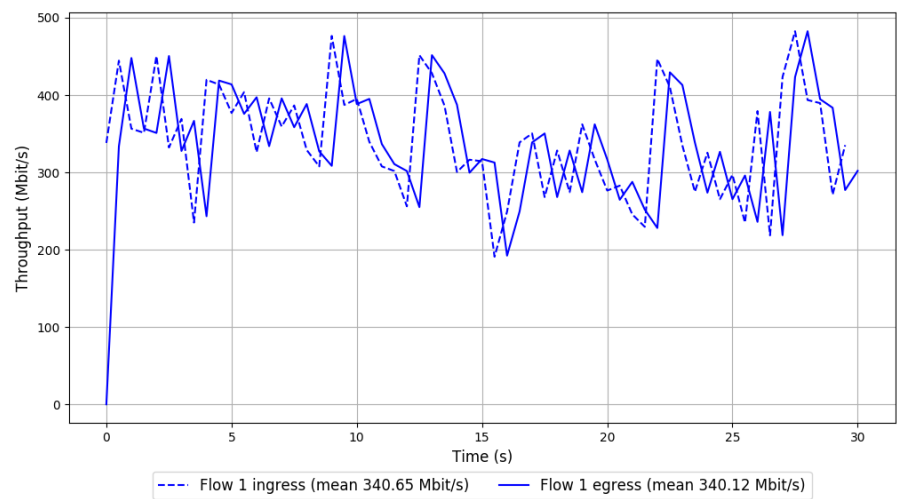
-- Flow 1:

Average throughput: 340.12 Mbit/s

95th percentile per-packet one-way delay: 7.482 ms

Loss rate: 0.23%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-07-10 16:01:07

End at: 2018-07-10 16:01:37

Local clock offset: -0.003 ms

Remote clock offset: 1.271 ms

# Below is generated by plot.py at 2018-07-10 18:40:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 348.73 Mbit/s

95th percentile per-packet one-way delay: 5.751 ms

Loss rate: 0.04%

-- Flow 1:

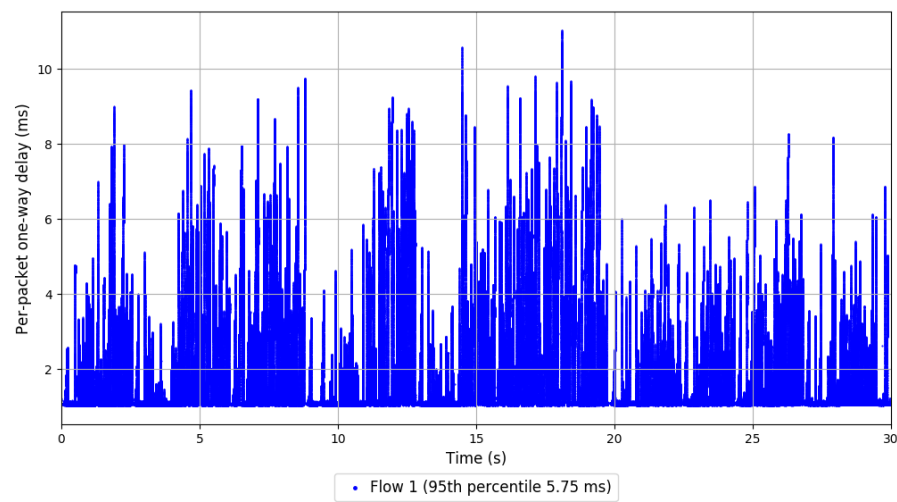
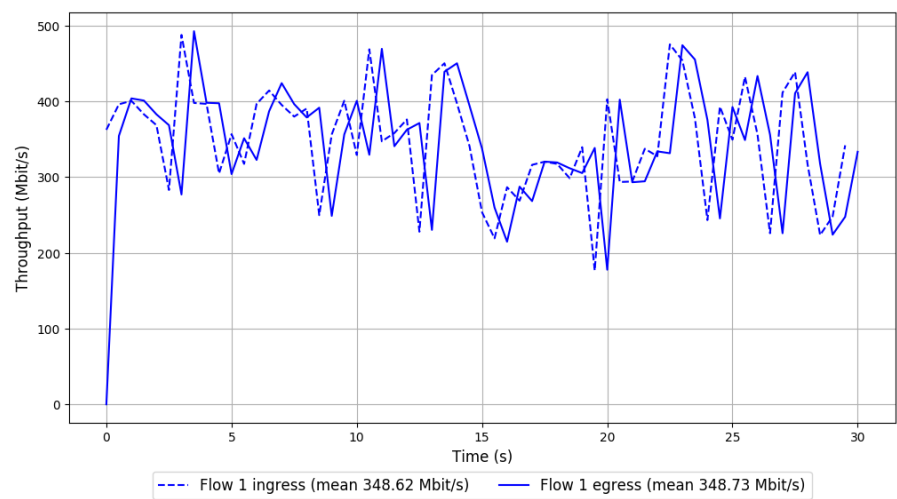
Average throughput: 348.73 Mbit/s

95th percentile per-packet one-way delay: 5.751 ms

Loss rate: 0.04%



Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-07-10 16:27:03

End at: 2018-07-10 16:27:33

Local clock offset: -0.382 ms

Remote clock offset: 0.587 ms

# Below is generated by plot.py at 2018-07-10 18:40:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 253.54 Mbit/s

95th percentile per-packet one-way delay: 6.725 ms

Loss rate: 0.02%

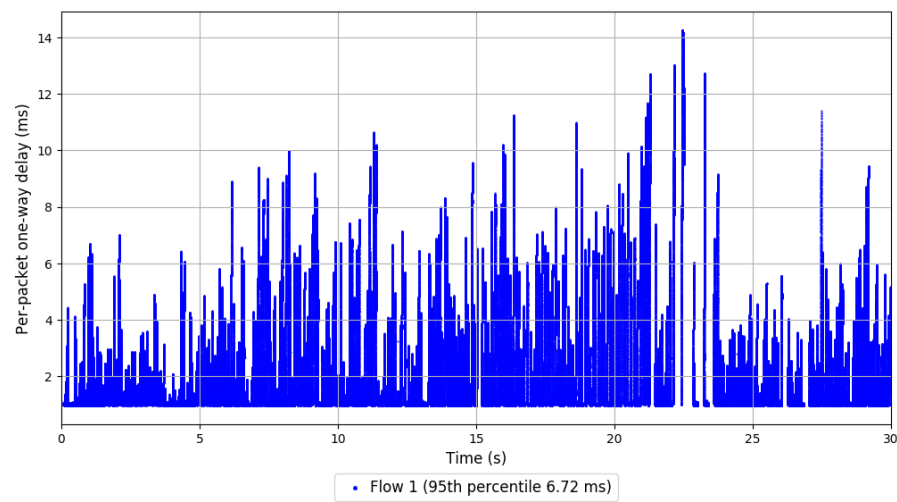
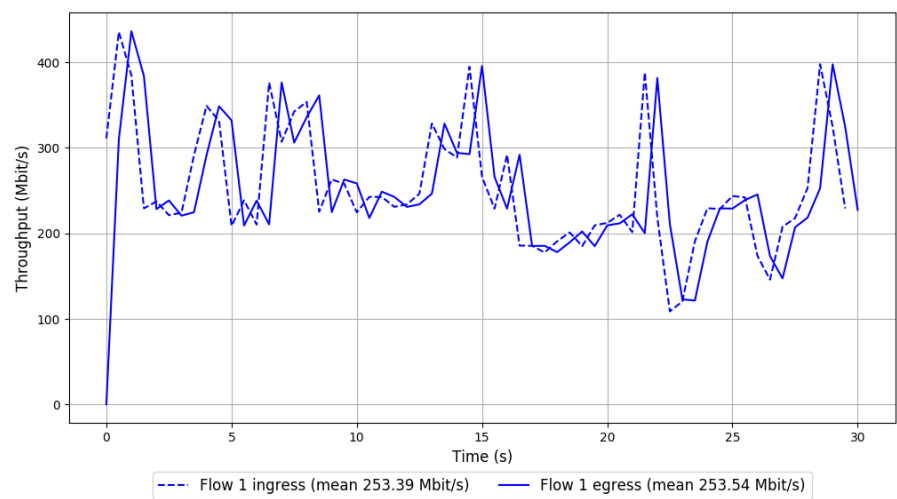
-- Flow 1:

Average throughput: 253.54 Mbit/s

95th percentile per-packet one-way delay: 6.725 ms

Loss rate: 0.02%

Run 10: Report of Verus — Data Link

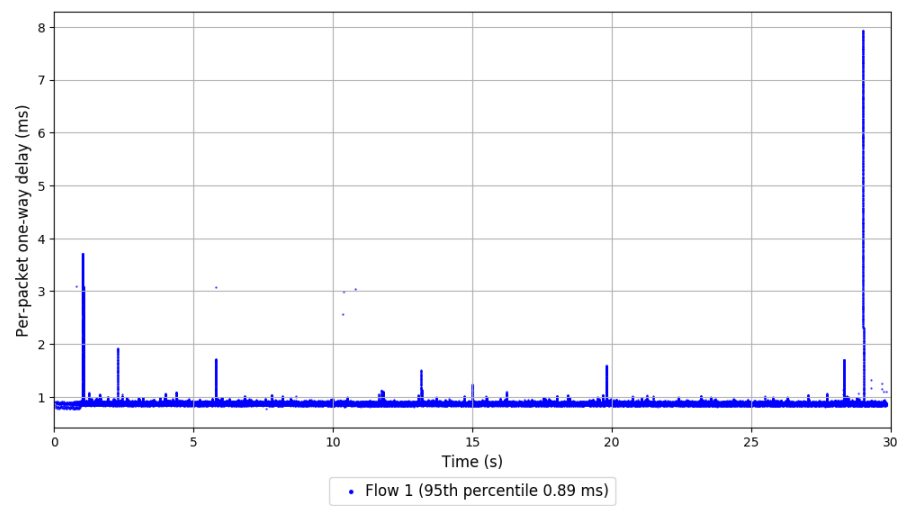
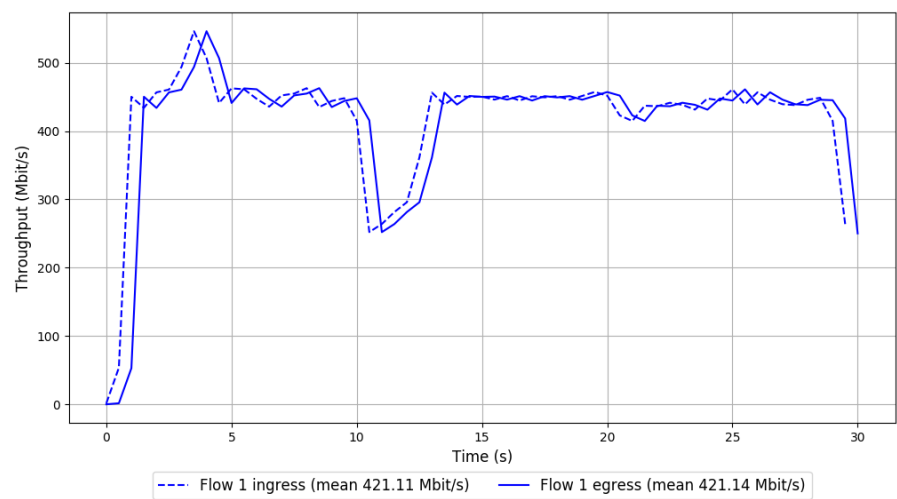


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-10 12:37:31  
End at: 2018-07-10 12:38:01  
Local clock offset: 0.153 ms  
Remote clock offset: -0.362 ms

# Below is generated by plot.py at 2018-07-10 18:41:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 421.14 Mbit/s  
95th percentile per-packet one-way delay: 0.888 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 421.14 Mbit/s  
95th percentile per-packet one-way delay: 0.888 ms  
Loss rate: 0.06%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-07-10 13:03:16

End at: 2018-07-10 13:03:46

Local clock offset: 0.356 ms

Remote clock offset: -3.553 ms

# Below is generated by plot.py at 2018-07-10 18:42:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 438.94 Mbit/s

95th percentile per-packet one-way delay: 1.072 ms

Loss rate: 0.07%

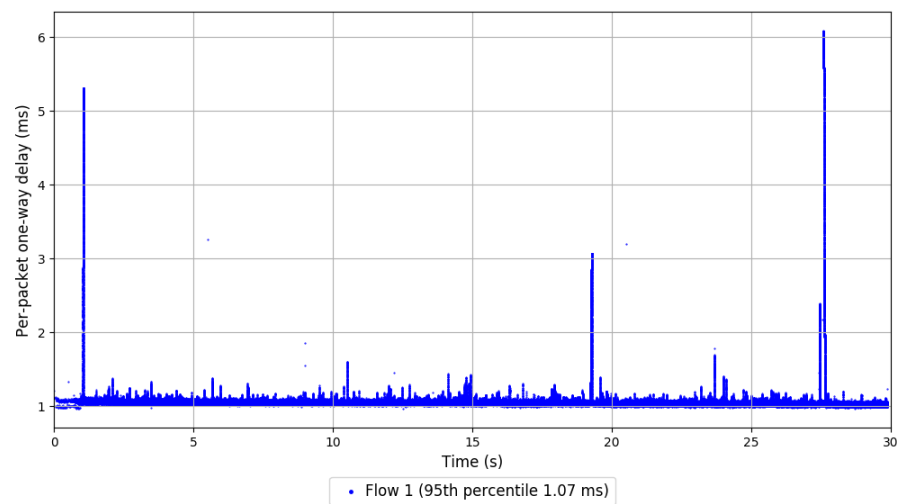
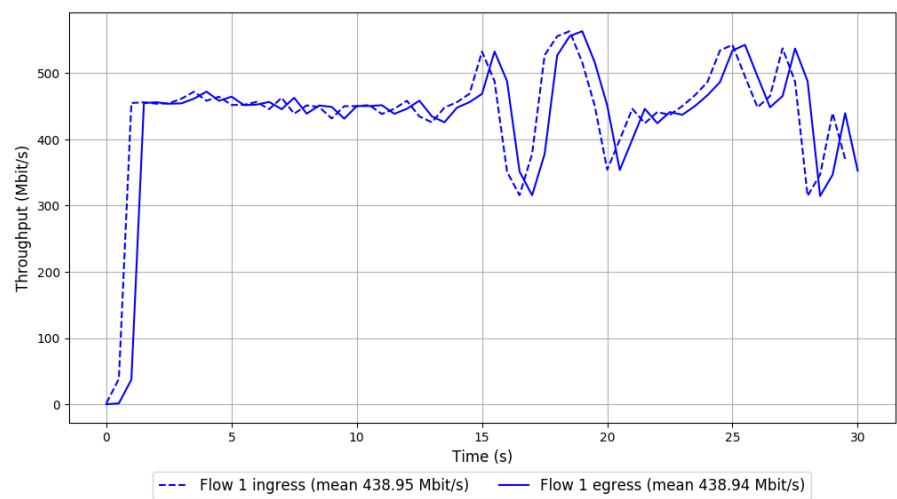
-- Flow 1:

Average throughput: 438.94 Mbit/s

95th percentile per-packet one-way delay: 1.072 ms

Loss rate: 0.07%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2018-07-10 13:29:08

End at: 2018-07-10 13:29:38

Local clock offset: 0.454 ms

Remote clock offset: -1.432 ms

# Below is generated by plot.py at 2018-07-10 18:42:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 427.00 Mbit/s

95th percentile per-packet one-way delay: 1.180 ms

Loss rate: 0.06%

-- Flow 1:

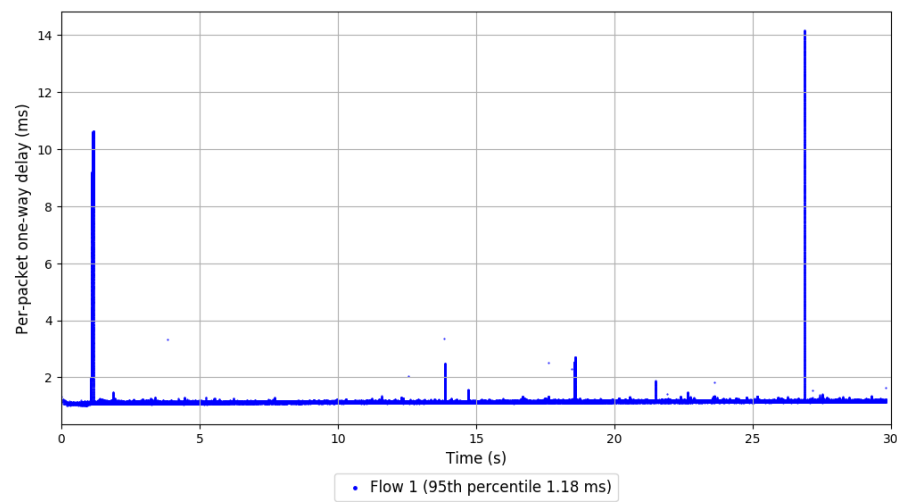
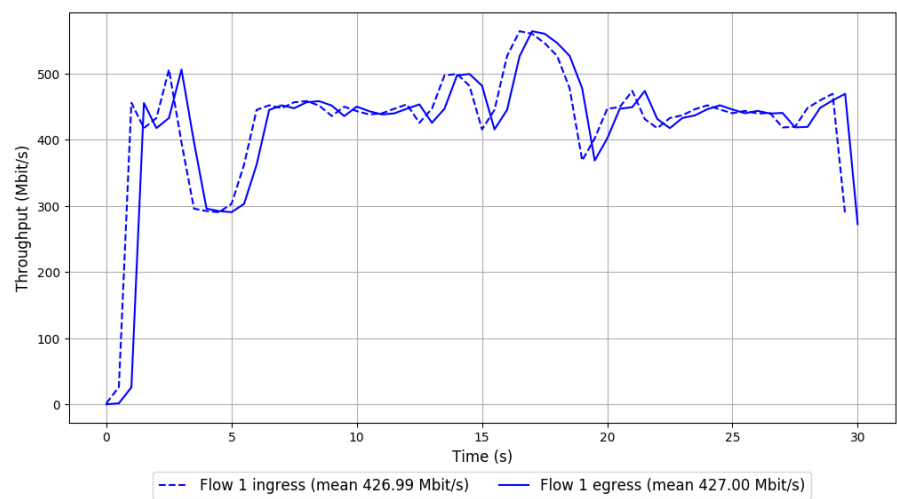
Average throughput: 427.00 Mbit/s

95th percentile per-packet one-way delay: 1.180 ms

Loss rate: 0.06%



Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2018-07-10 13:55:02

End at: 2018-07-10 13:55:32

Local clock offset: 0.412 ms

Remote clock offset: 0.087 ms

# Below is generated by plot.py at 2018-07-10 18:43:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 422.24 Mbit/s

95th percentile per-packet one-way delay: 0.995 ms

Loss rate: 0.07%

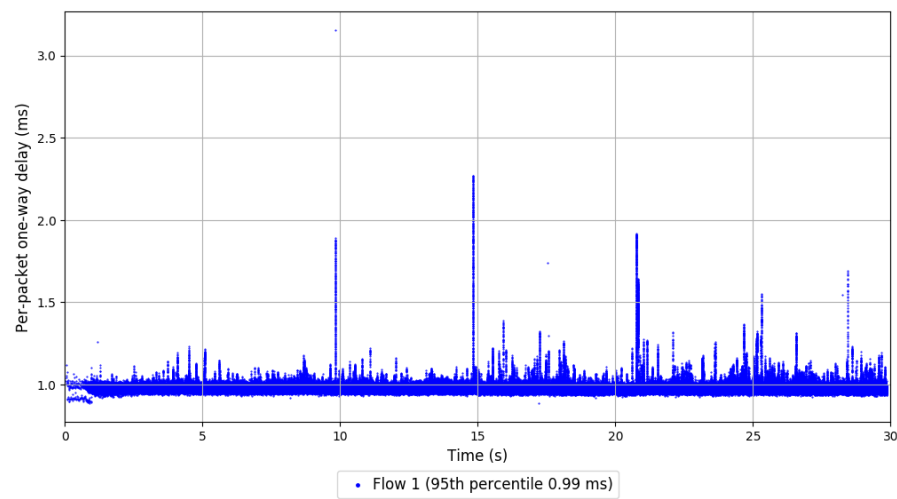
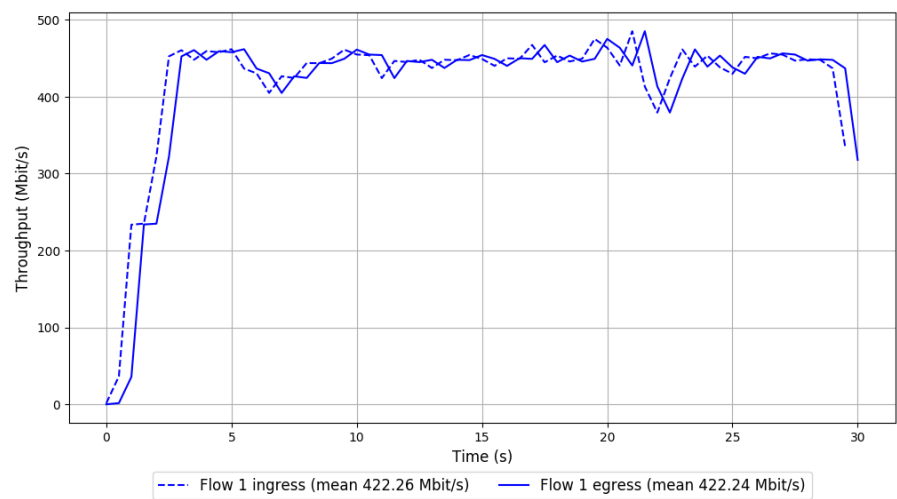
-- Flow 1:

Average throughput: 422.24 Mbit/s

95th percentile per-packet one-way delay: 0.995 ms

Loss rate: 0.07%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-07-10 14:21:06

End at: 2018-07-10 14:21:36

Local clock offset: 0.431 ms

Remote clock offset: 1.09 ms

# Below is generated by plot.py at 2018-07-10 18:43:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 421.36 Mbit/s

95th percentile per-packet one-way delay: 1.083 ms

Loss rate: 0.07%

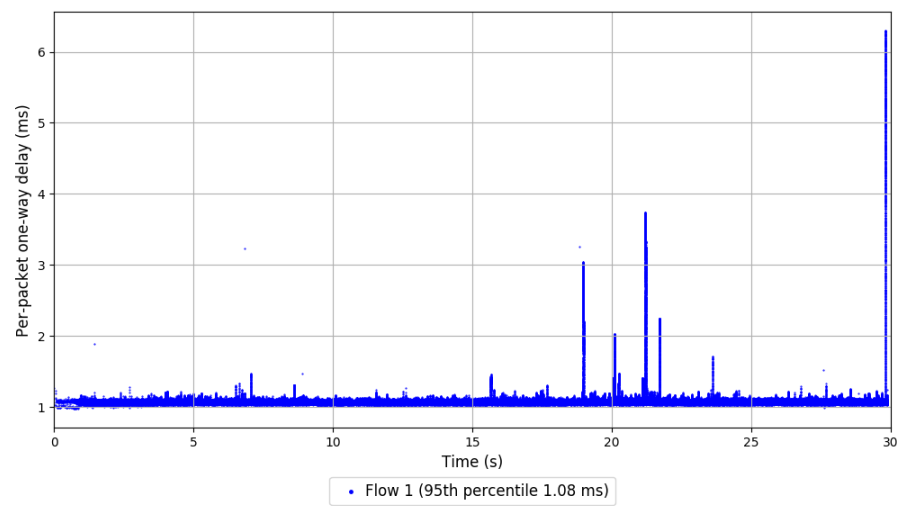
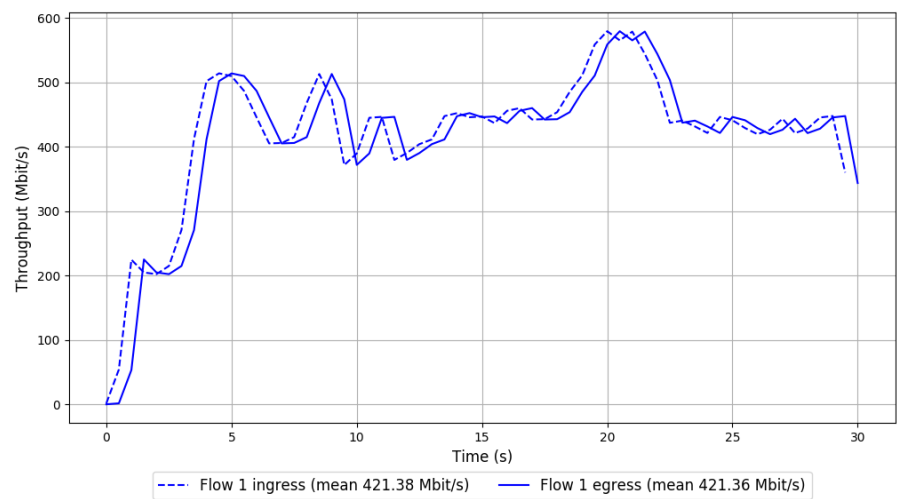
-- Flow 1:

Average throughput: 421.36 Mbit/s

95th percentile per-packet one-way delay: 1.083 ms

Loss rate: 0.07%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-07-10 14:46:46

End at: 2018-07-10 14:47:16

Local clock offset: 0.232 ms

Remote clock offset: 1.049 ms

# Below is generated by plot.py at 2018-07-10 18:44:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 423.60 Mbit/s

95th percentile per-packet one-way delay: 1.008 ms

Loss rate: 0.06%

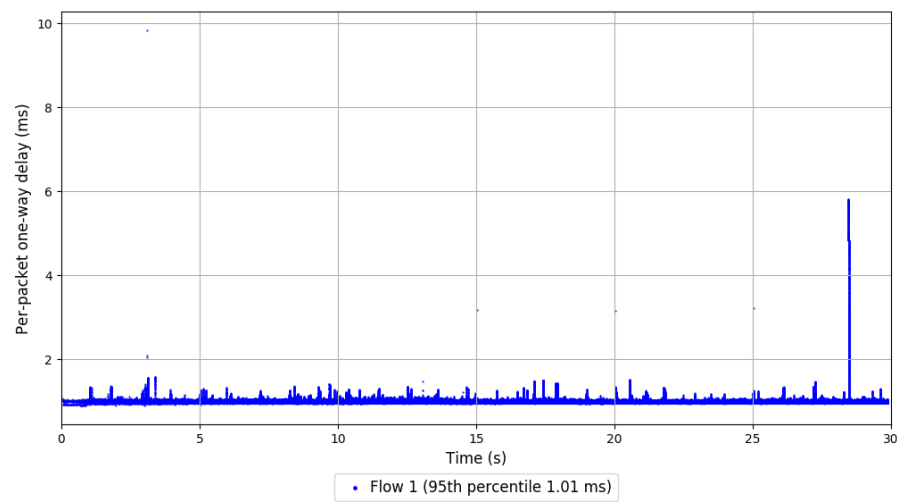
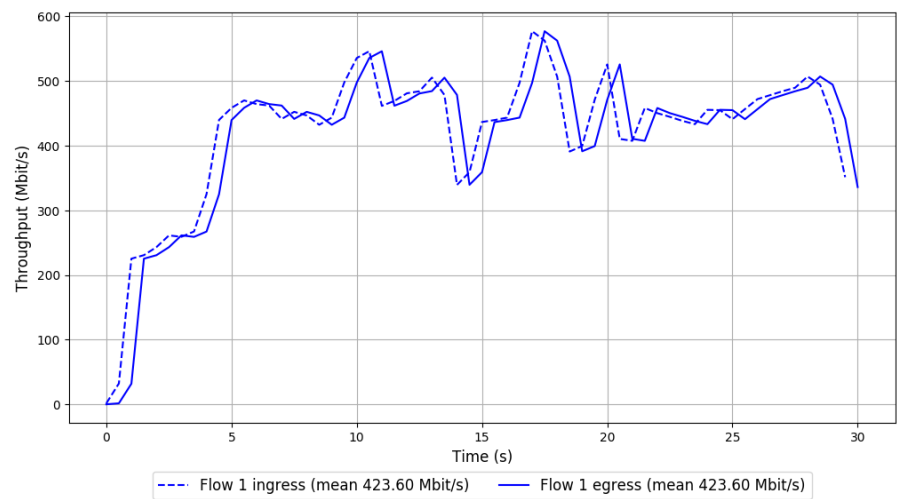
-- Flow 1:

Average throughput: 423.60 Mbit/s

95th percentile per-packet one-way delay: 1.008 ms

Loss rate: 0.06%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-07-10 15:12:32

End at: 2018-07-10 15:13:02

Local clock offset: 0.294 ms

Remote clock offset: 1.165 ms

# Below is generated by plot.py at 2018-07-10 18:44:51

# Datalink statistics

-- Total of 1 flow:

Average throughput: 432.56 Mbit/s

95th percentile per-packet one-way delay: 1.079 ms

Loss rate: 0.07%

-- Flow 1:

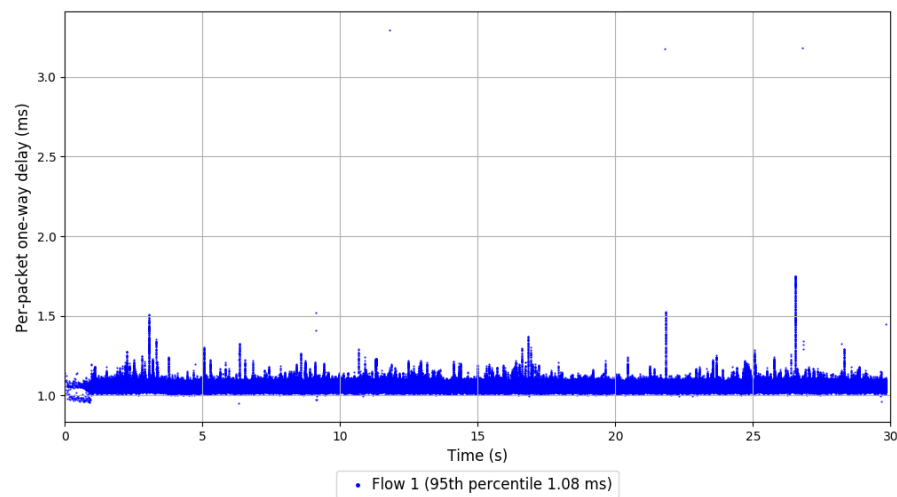
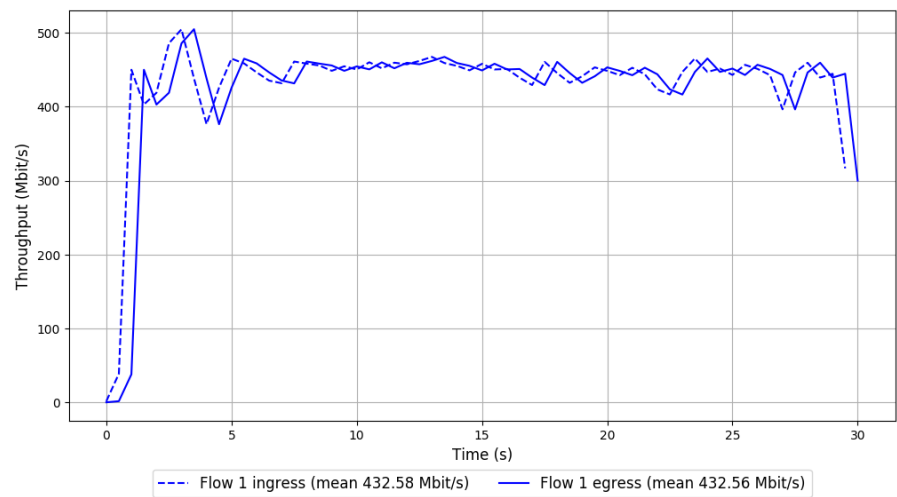
Average throughput: 432.56 Mbit/s

95th percentile per-packet one-way delay: 1.079 ms

Loss rate: 0.07%



Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-07-10 15:38:26

End at: 2018-07-10 15:38:56

Local clock offset: 0.096 ms

Remote clock offset: 1.225 ms

# Below is generated by plot.py at 2018-07-10 18:45:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 429.48 Mbit/s

95th percentile per-packet one-way delay: 0.941 ms

Loss rate: 0.06%

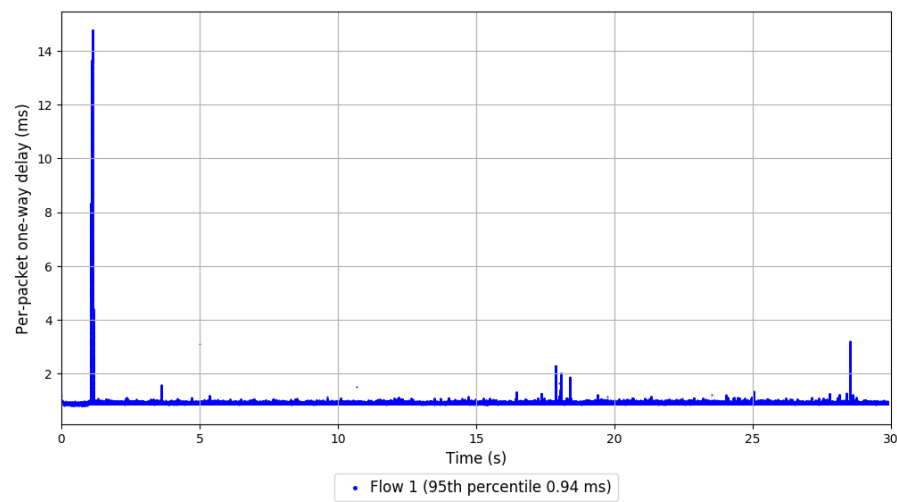
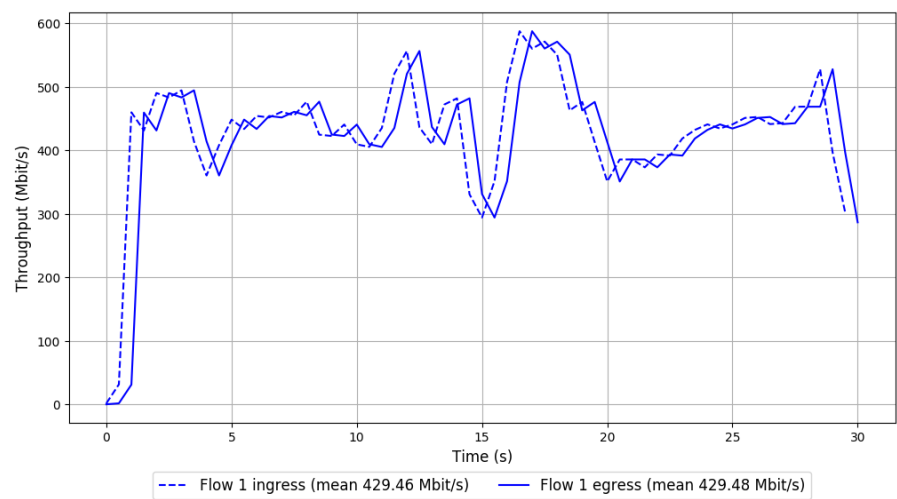
-- Flow 1:

Average throughput: 429.48 Mbit/s

95th percentile per-packet one-way delay: 0.941 ms

Loss rate: 0.06%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

Start at: 2018-07-10 16:04:21

End at: 2018-07-10 16:04:51

Local clock offset: -0.109 ms

Remote clock offset: 1.199 ms

# Below is generated by plot.py at 2018-07-10 18:45:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 406.46 Mbit/s

95th percentile per-packet one-way delay: 1.098 ms

Loss rate: 0.05%

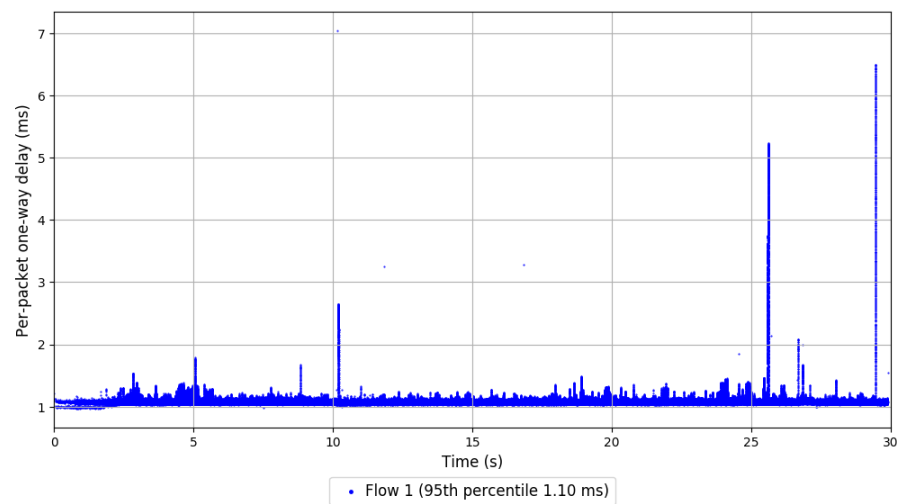
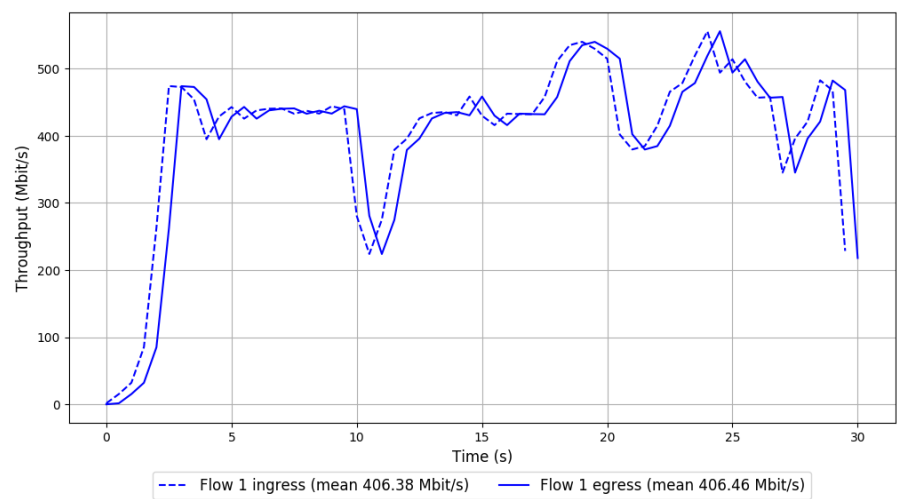
-- Flow 1:

Average throughput: 406.46 Mbit/s

95th percentile per-packet one-way delay: 1.098 ms

Loss rate: 0.05%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-07-10 16:30:13

End at: 2018-07-10 16:30:43

Local clock offset: -0.307 ms

Remote clock offset: 0.571 ms

# Below is generated by plot.py at 2018-07-10 18:45:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 461.99 Mbit/s

95th percentile per-packet one-way delay: 1.102 ms

Loss rate: 0.07%

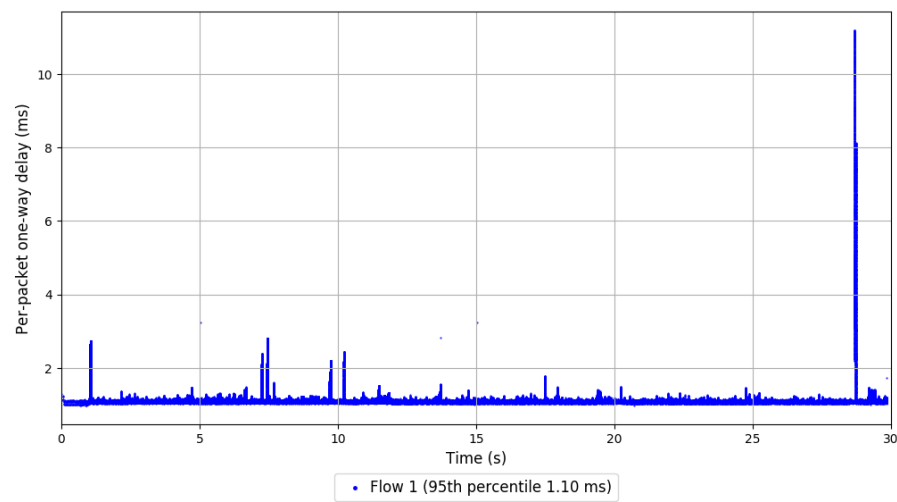
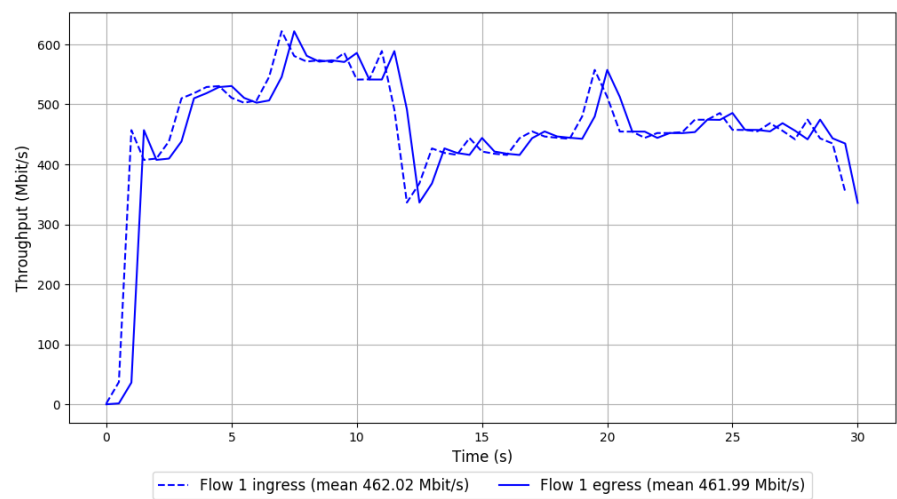
-- Flow 1:

Average throughput: 461.99 Mbit/s

95th percentile per-packet one-way delay: 1.102 ms

Loss rate: 0.07%

Run 10: Report of PCC-Vivace — Data Link



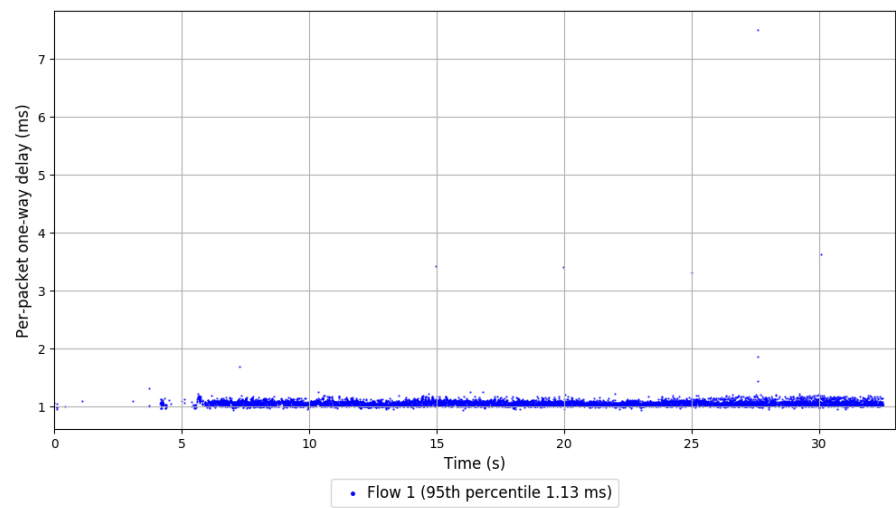
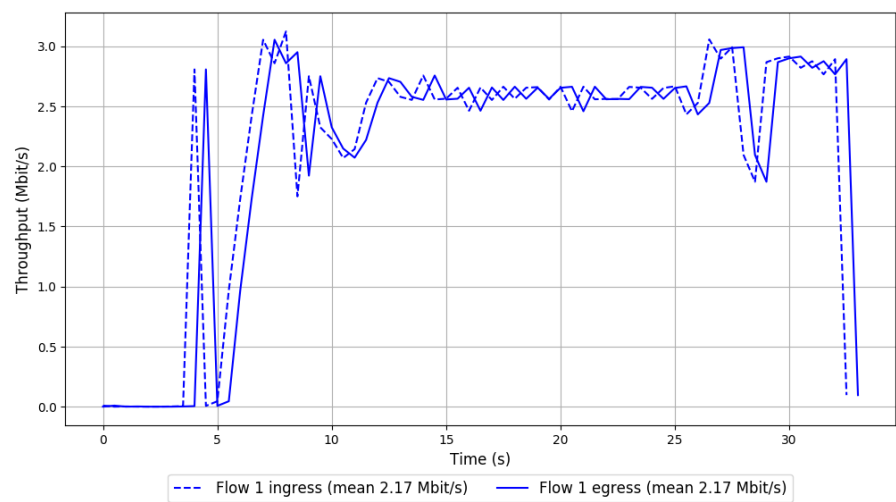
Run 1: Statistics of WebRTC media

Start at: 2018-07-10 12:25:41  
End at: 2018-07-10 12:26:11  
Local clock offset: 0.239 ms  
Remote clock offset: -0.418 ms

# Below is generated by plot.py at 2018-07-10 18:45:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.17 Mbit/s  
95th percentile per-packet one-way delay: 1.131 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.17 Mbit/s  
95th percentile per-packet one-way delay: 1.131 ms  
Loss rate: 0.00%



Run 1: Report of WebRTC media — Data Link

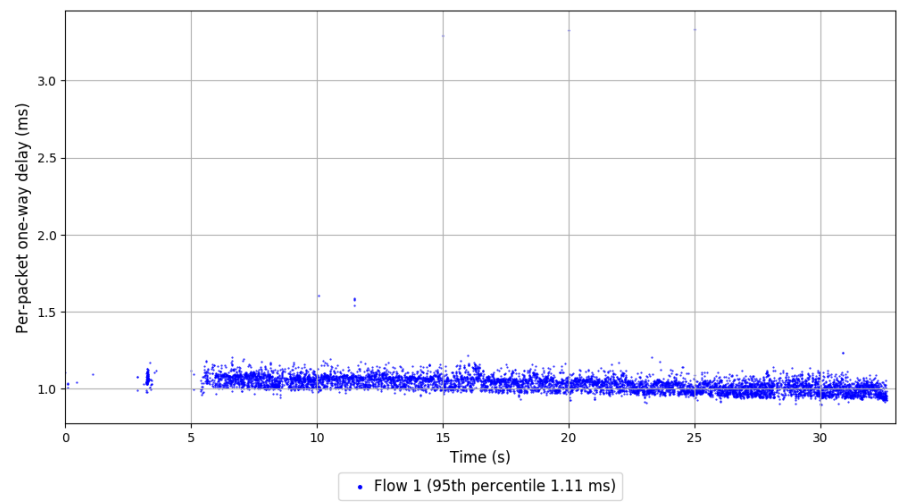
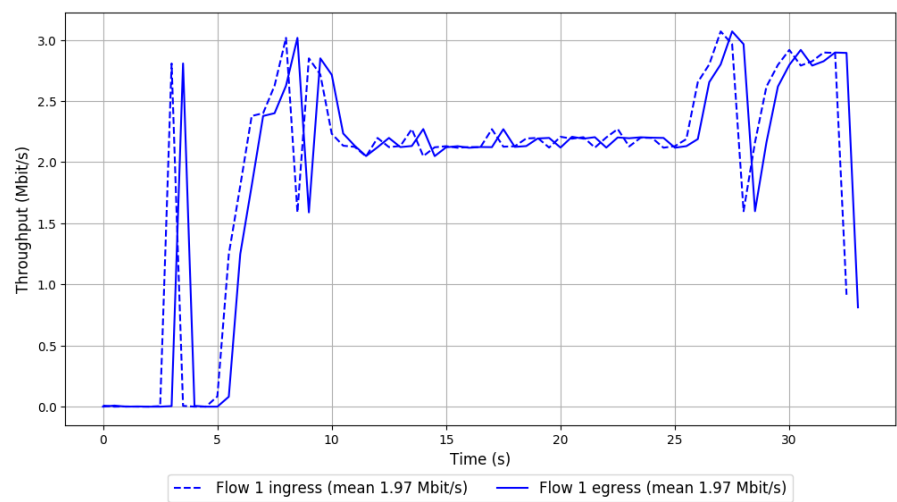


Run 2: Statistics of WebRTC media

Start at: 2018-07-10 12:51:25  
End at: 2018-07-10 12:51:55  
Local clock offset: 0.334 ms  
Remote clock offset: -2.161 ms

# Below is generated by plot.py at 2018-07-10 18:45:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.97 Mbit/s  
95th percentile per-packet one-way delay: 1.107 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 1.97 Mbit/s  
95th percentile per-packet one-way delay: 1.107 ms  
Loss rate: 0.08%

Run 2: Report of WebRTC media — Data Link

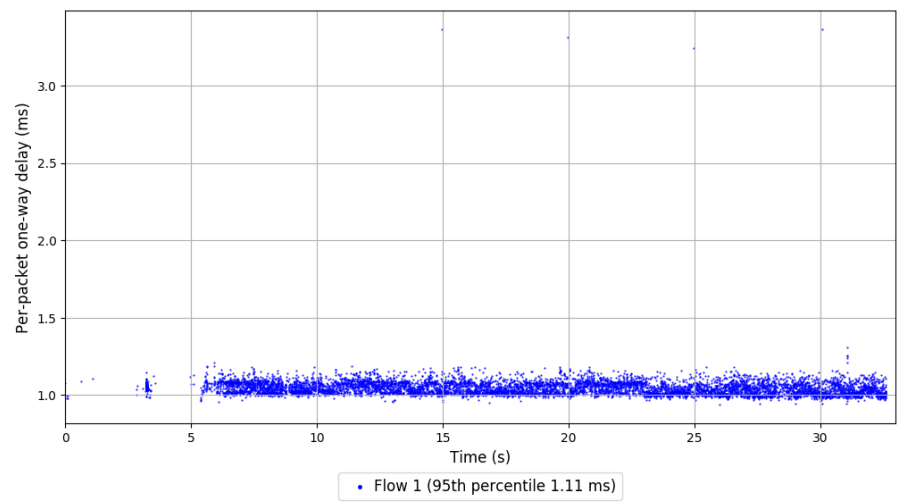
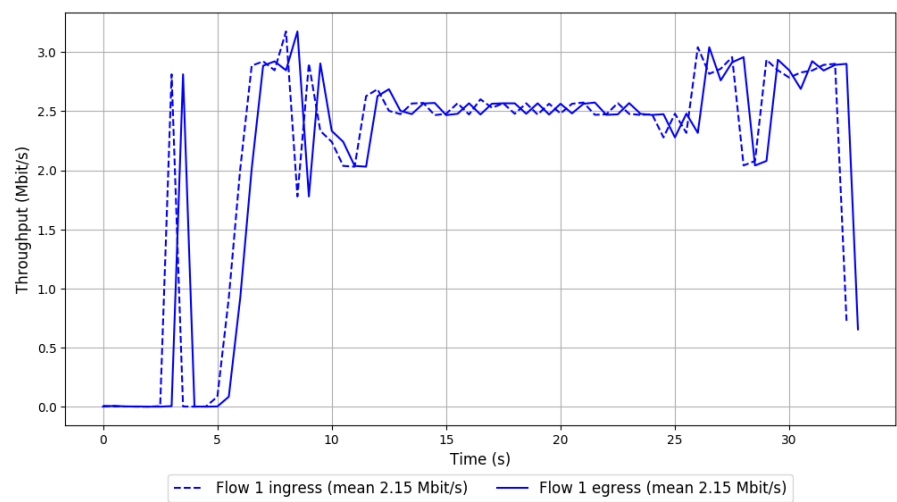


Run 3: Statistics of WebRTC media

Start at: 2018-07-10 13:17:13  
End at: 2018-07-10 13:17:43  
Local clock offset: 0.397 ms  
Remote clock offset: -4.405 ms

# Below is generated by plot.py at 2018-07-10 18:45:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.15 Mbit/s  
95th percentile per-packet one-way delay: 1.115 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 2.15 Mbit/s  
95th percentile per-packet one-way delay: 1.115 ms  
Loss rate: 0.05%

Run 3: Report of WebRTC media — Data Link

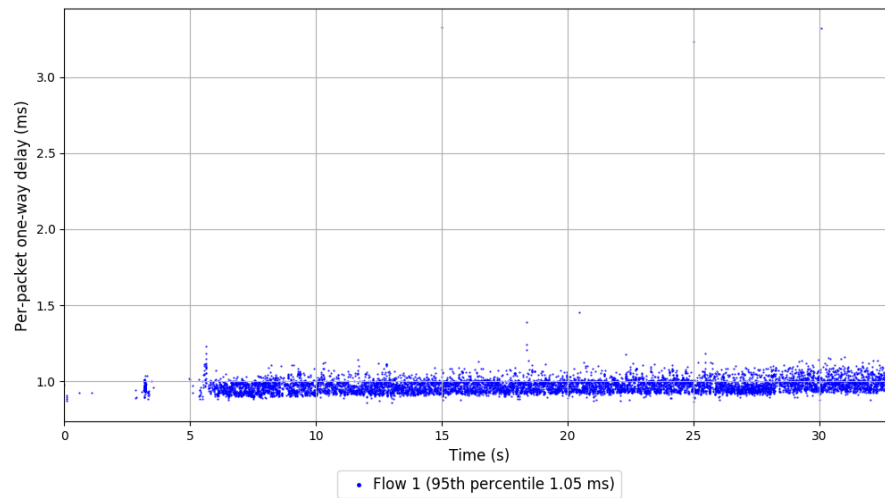
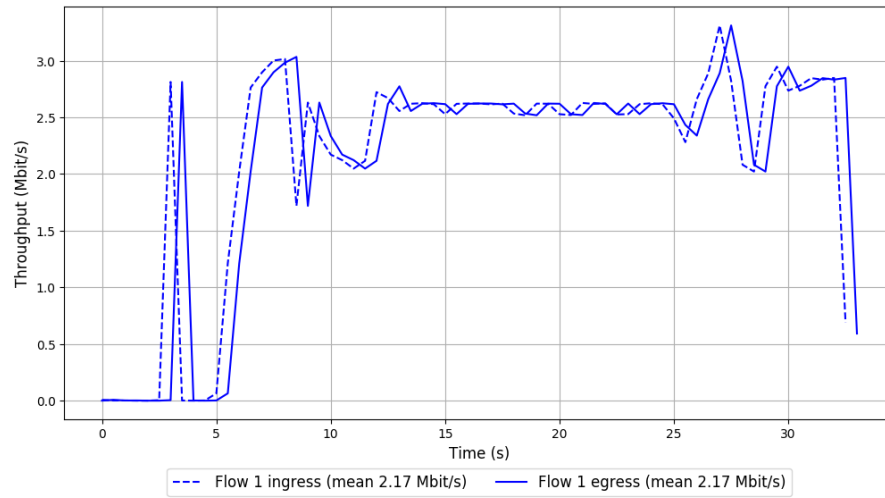


Run 4: Statistics of WebRTC media

Start at: 2018-07-10 13:43:08  
End at: 2018-07-10 13:43:38  
Local clock offset: 0.407 ms  
Remote clock offset: -0.149 ms

# Below is generated by plot.py at 2018-07-10 18:45:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.17 Mbit/s  
95th percentile per-packet one-way delay: 1.048 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 2.17 Mbit/s  
95th percentile per-packet one-way delay: 1.048 ms  
Loss rate: 0.07%

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



Run 5: Statistics of WebRTC media

Start at: 2018-07-10 14:09:06

End at: 2018-07-10 14:09:36

Local clock offset: 0.487 ms

Remote clock offset: 1.347 ms

# Below is generated by plot.py at 2018-07-10 18:45:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 1.104 ms

Loss rate: 0.07%

-- Flow 1:

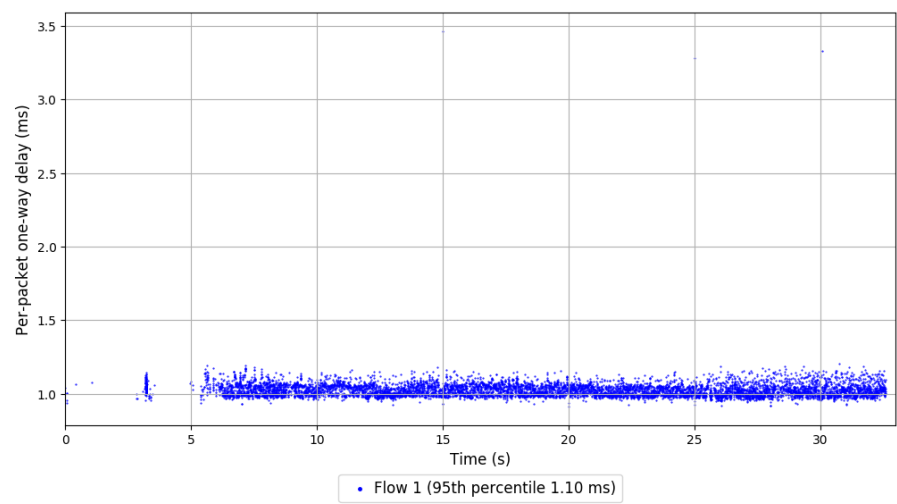
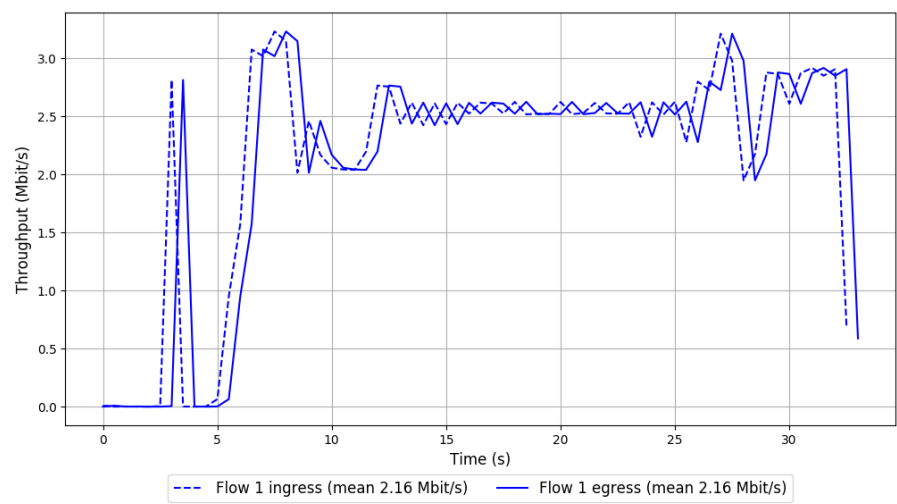
Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 1.104 ms

Loss rate: 0.07%



Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-07-10 14:35:04

End at: 2018-07-10 14:35:34

Local clock offset: 0.268 ms

Remote clock offset: 1.087 ms

# Below is generated by plot.py at 2018-07-10 18:45:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 1.087 ms

Loss rate: 0.07%

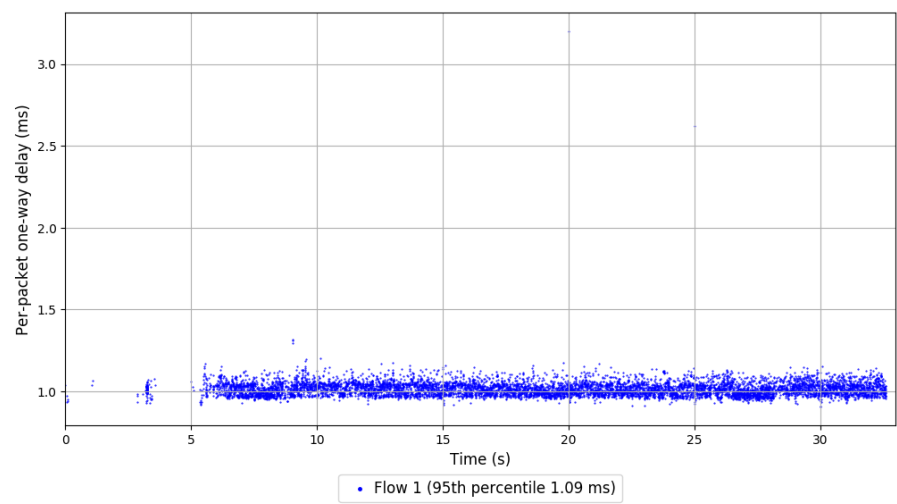
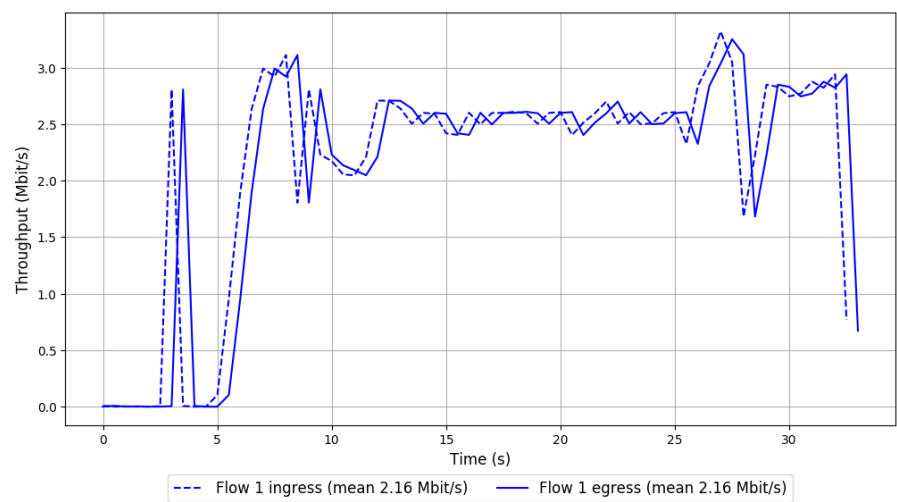
-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 1.087 ms

Loss rate: 0.07%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-07-10 15:00:40

End at: 2018-07-10 15:01:10

Local clock offset: 0.248 ms

Remote clock offset: 1.194 ms

# Below is generated by plot.py at 2018-07-10 18:45:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 1.073 ms

Loss rate: 0.07%

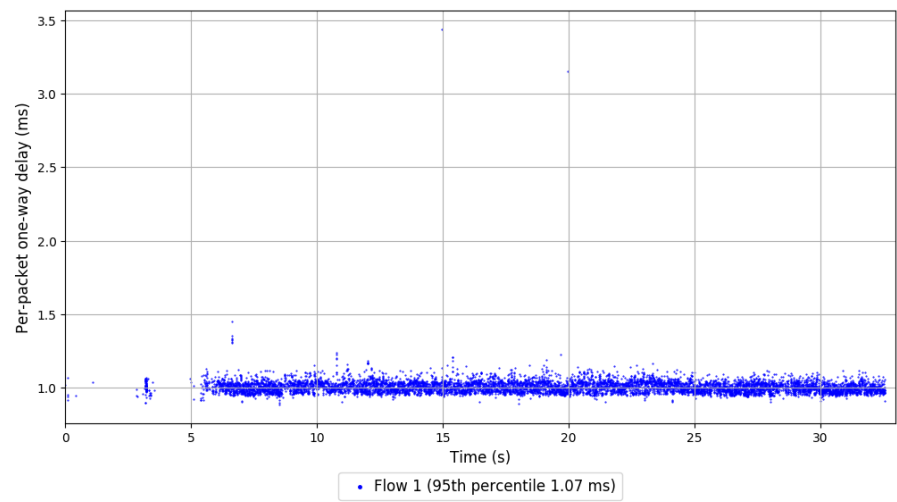
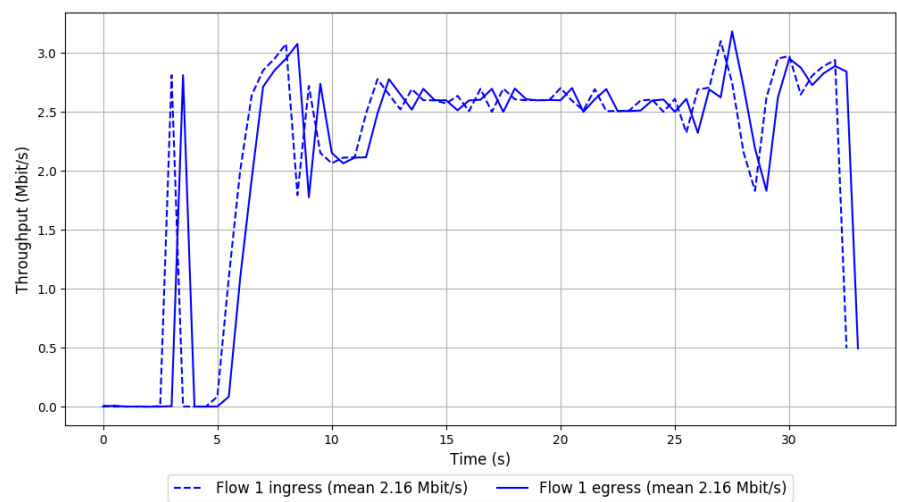
-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 1.073 ms

Loss rate: 0.07%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-07-10 15:26:30

End at: 2018-07-10 15:27:00

Local clock offset: 0.201 ms

Remote clock offset: 1.158 ms

# Below is generated by plot.py at 2018-07-10 18:45:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.17 Mbit/s

95th percentile per-packet one-way delay: 1.096 ms

Loss rate: 0.07%

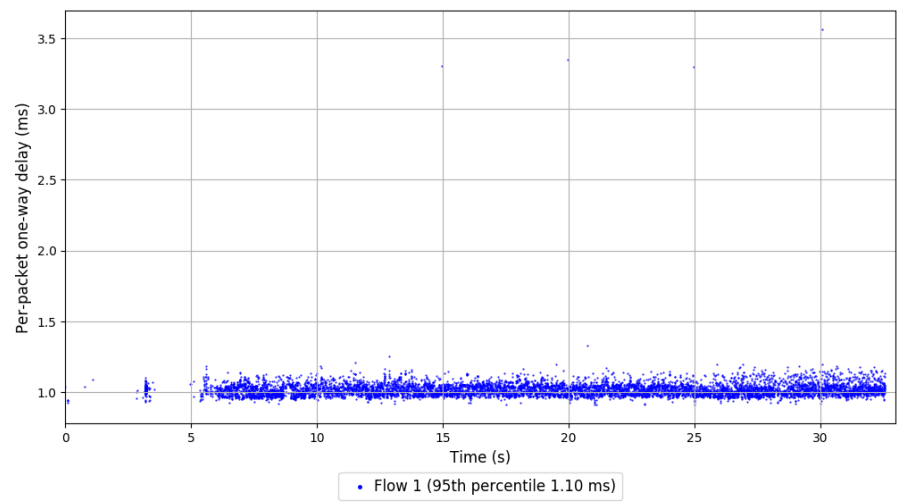
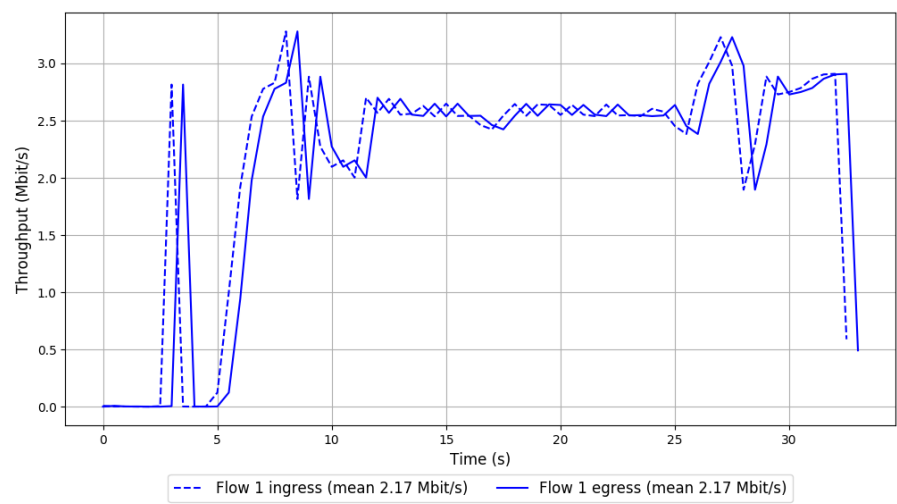
-- Flow 1:

Average throughput: 2.17 Mbit/s

95th percentile per-packet one-way delay: 1.096 ms

Loss rate: 0.07%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-07-10 15:52:27

End at: 2018-07-10 15:52:57

Local clock offset: 0.129 ms

Remote clock offset: 1.236 ms

# Below is generated by plot.py at 2018-07-10 18:45:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.98 Mbit/s

95th percentile per-packet one-way delay: 1.141 ms

Loss rate: 0.16%

-- Flow 1:

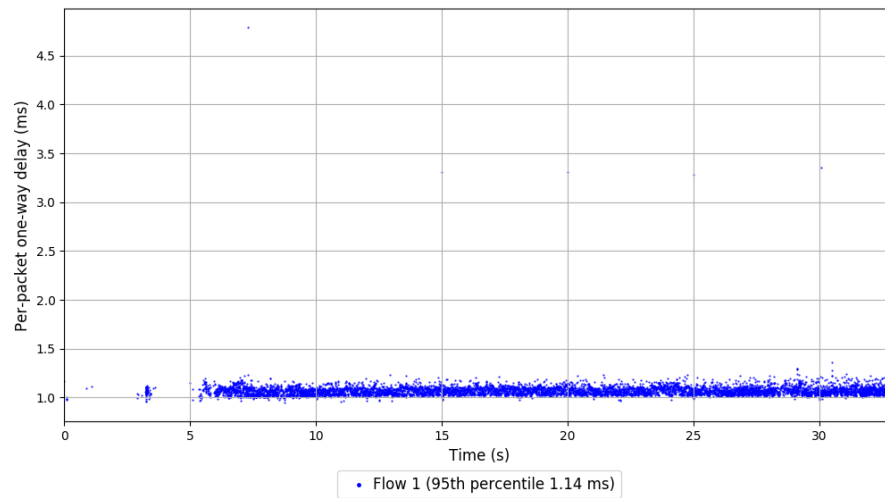
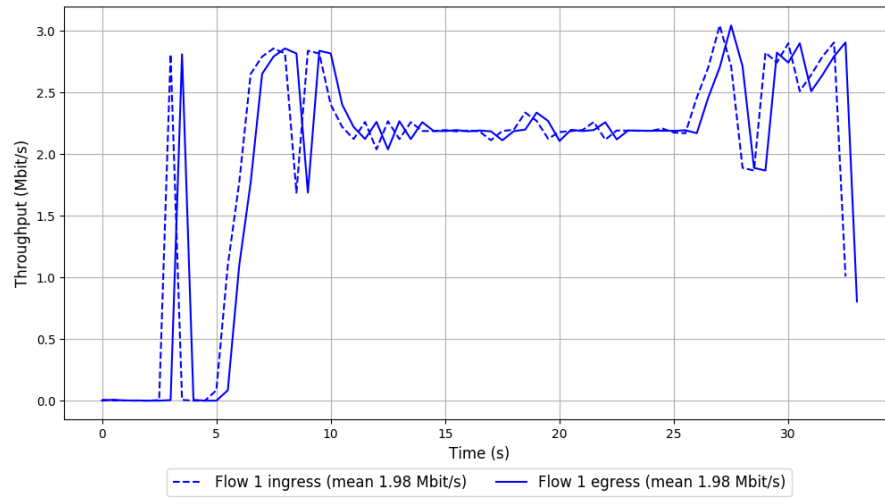
Average throughput: 1.98 Mbit/s

95th percentile per-packet one-way delay: 1.141 ms

Loss rate: 0.16%



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



Run 10: Statistics of WebRTC media

Start at: 2018-07-10 16:18:17

End at: 2018-07-10 16:18:47

Local clock offset: -0.323 ms

Remote clock offset: 0.782 ms

# Below is generated by plot.py at 2018-07-10 18:45:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 0.997 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 0.997 ms

Loss rate: 0.07%

Run 10: Report of WebRTC media — Data Link

