

## Pantheon Report

Generated at 2017-12-11 17:27:16 (UTC).

Data path: Mexico Ethernet (*remote*) → AWS California 2 Ethernet (*local*).

Repeated the test of 14 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

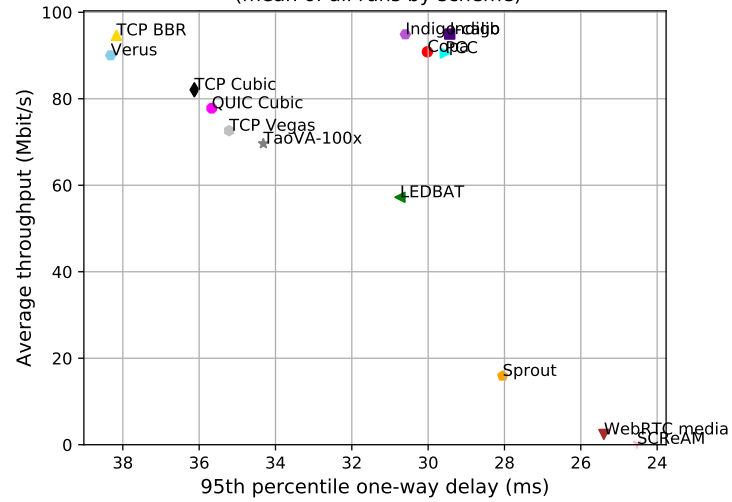
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

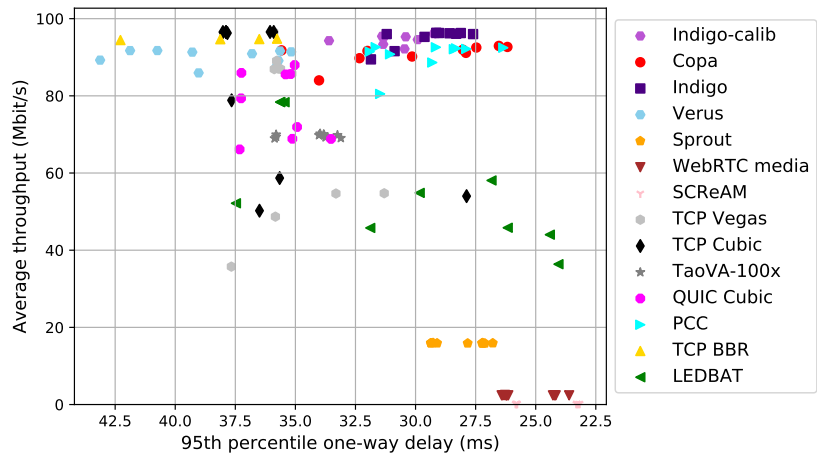
Git summary:

```
branch: indigos @ e3a57ad5ac5cfcaca0e3f983c8dd4cc3509e0262
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ b5b7c38e8391001927dc41c6cfa2627d03dde737
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fab936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	4	94.66	38.17	0.33
TCP Cubic	10	82.08	36.13	0.26
LEDBAT	10	57.22	30.74	0.24
PCC	10	90.56	29.55	0.24
QUIC Cubic	9	77.81	35.67	0.29
SCReAM	10	0.22	24.53	0.23
WebRTC media	10	2.38	25.40	0.20
Sprout	10	15.91	28.05	0.21
TaoVA-100x	10	69.62	34.32	0.22
TCP Vegas	10	72.61	35.22	0.19
Verus	10	90.05	38.32	0.33
Copa	10	90.86	30.02	0.27
Indigo	10	94.95	29.43	0.27
Indigo-calib	10	94.90	30.60	0.29

Run 1: Statistics of TCP BBR

Start at: 2017-12-11 10:55:20

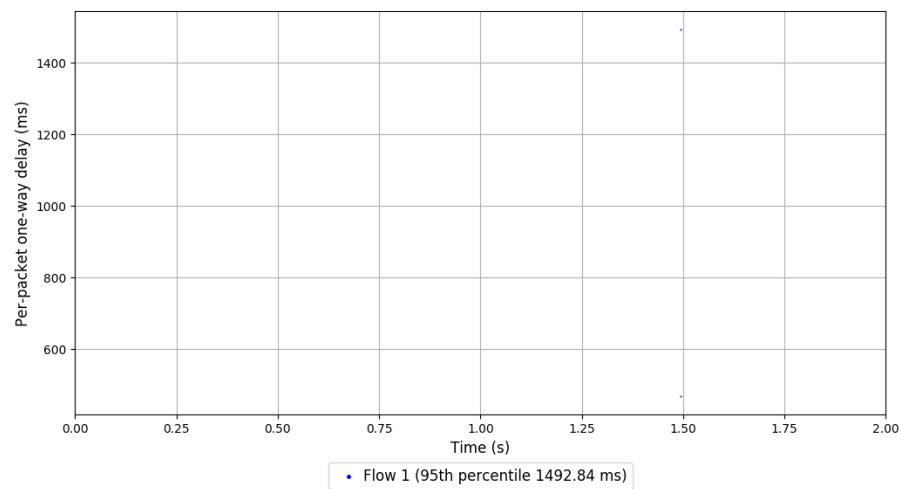
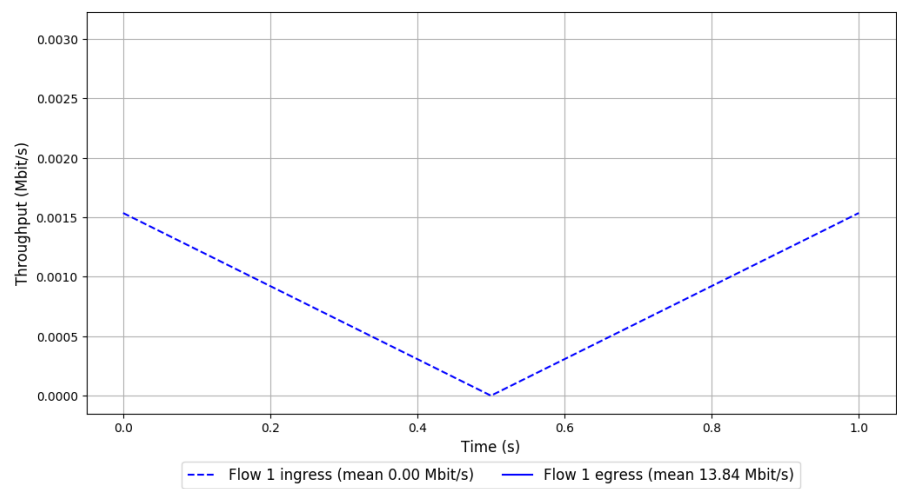
End at: 2017-12-11 10:55:50

Local clock offset: 3.864 ms

Remote clock offset: -0.969 ms



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-12-11 11:13:58

End at: 2017-12-11 11:14:28

Local clock offset: 3.625 ms

Remote clock offset: -1.197 ms

# Below is generated by plot.py at 2017-12-11 17:10:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.81 Mbit/s

95th percentile per-packet one-way delay: 35.763 ms

Loss rate: 0.26%

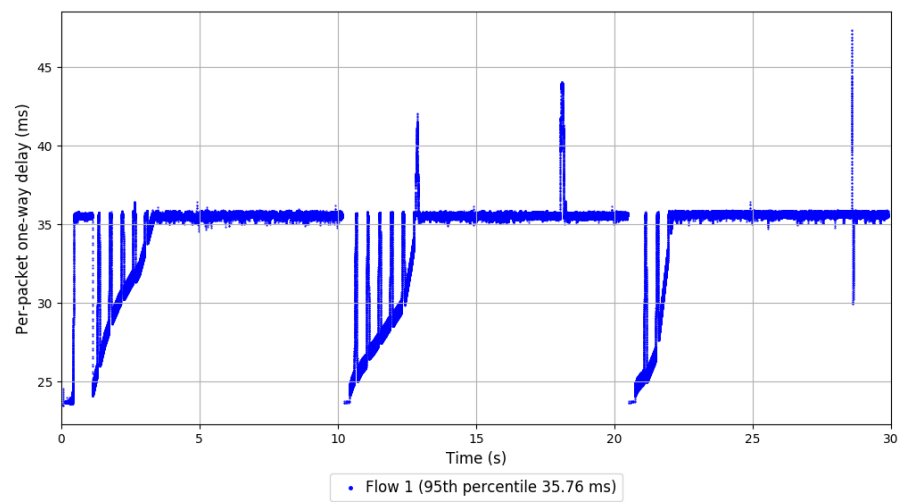
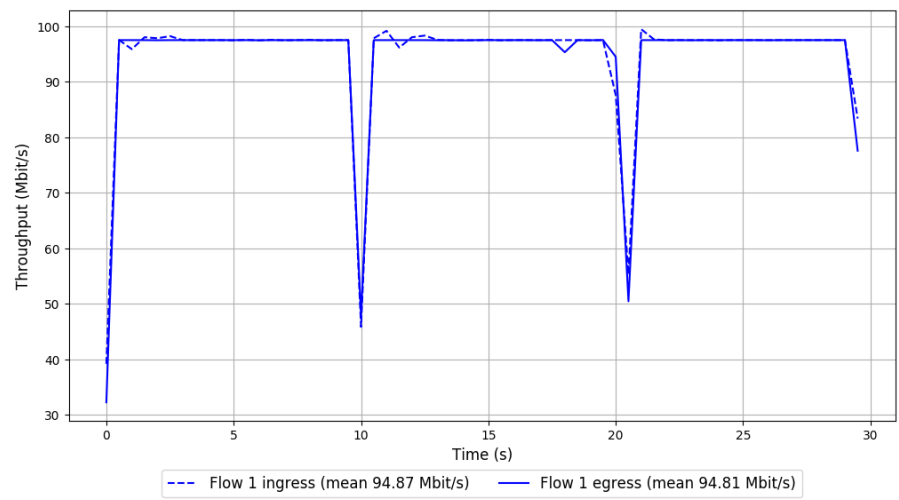
-- Flow 1:

Average throughput: 94.81 Mbit/s

95th percentile per-packet one-way delay: 35.763 ms

Loss rate: 0.26%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

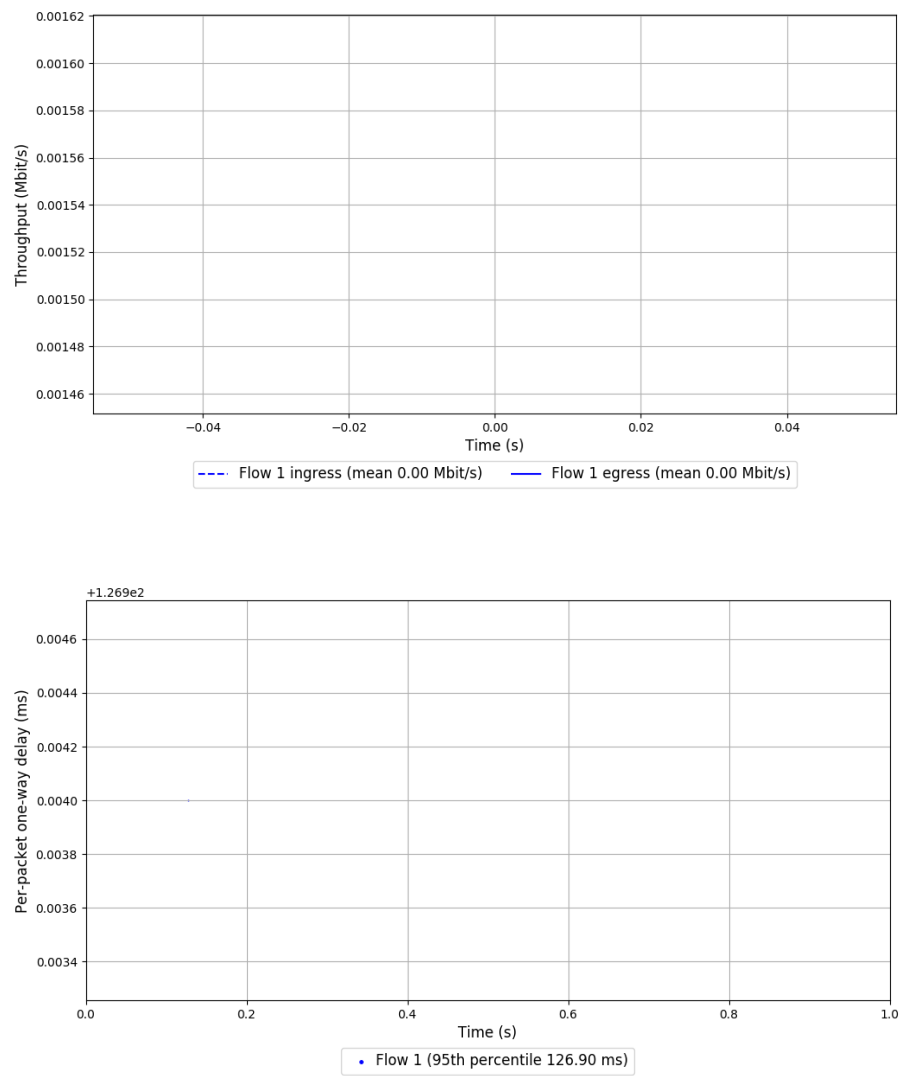
Start at: 2017-12-11 11:32:38

End at: 2017-12-11 11:33:08

Local clock offset: 2.82 ms

Remote clock offset: -0.652 ms

Run 3: Report of TCP BBR — Data Link

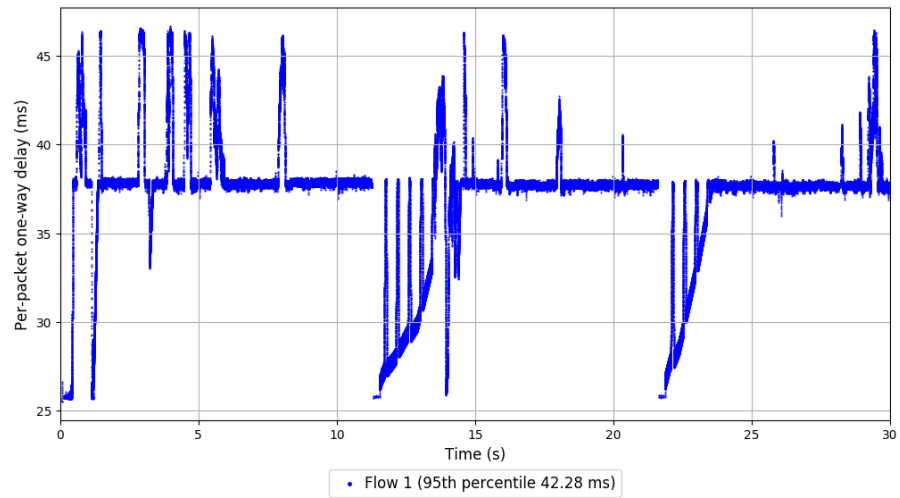
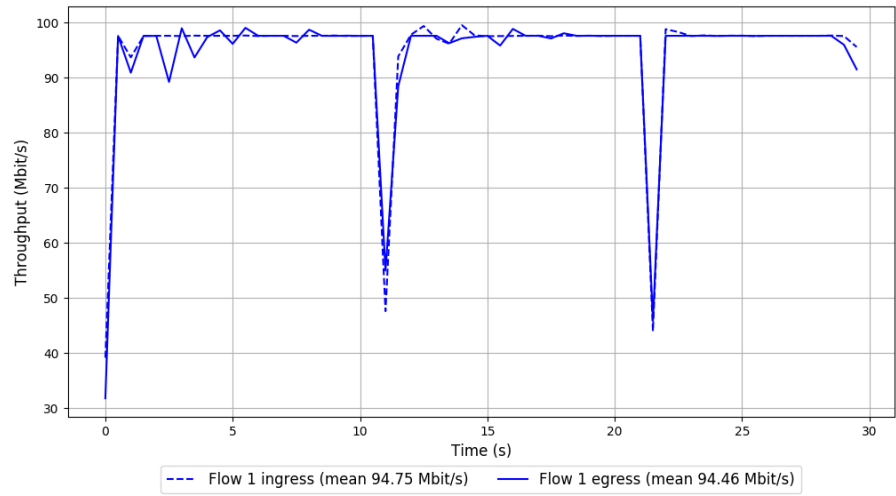


Run 4: Statistics of TCP BBR

Start at: 2017-12-11 11:51:26  
End at: 2017-12-11 11:51:56  
Local clock offset: 2.291 ms  
Remote clock offset: -2.948 ms

# Below is generated by plot.py at 2017-12-11 17:10:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.46 Mbit/s  
95th percentile per-packet one-way delay: 42.280 ms  
Loss rate: 0.50%  
-- Flow 1:  
Average throughput: 94.46 Mbit/s  
95th percentile per-packet one-way delay: 42.280 ms  
Loss rate: 0.50%

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



Run 5: Statistics of TCP BBR

Start at: 2017-12-11 12:10:07

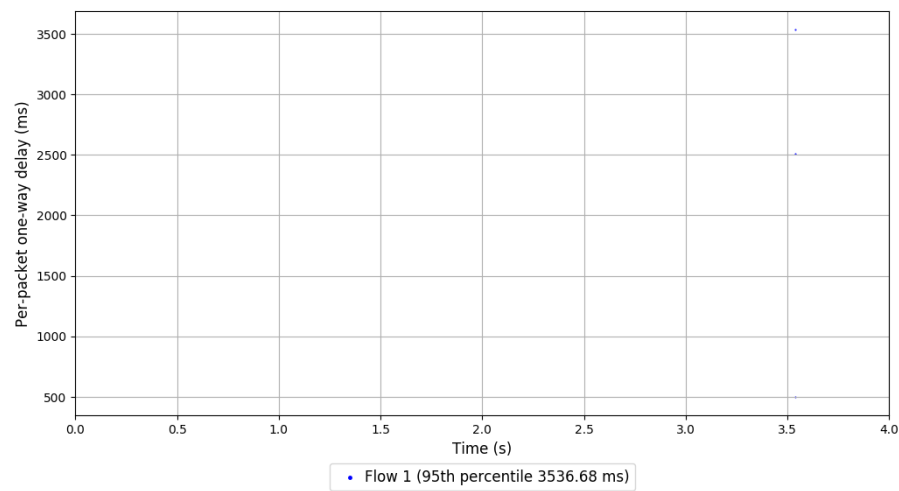
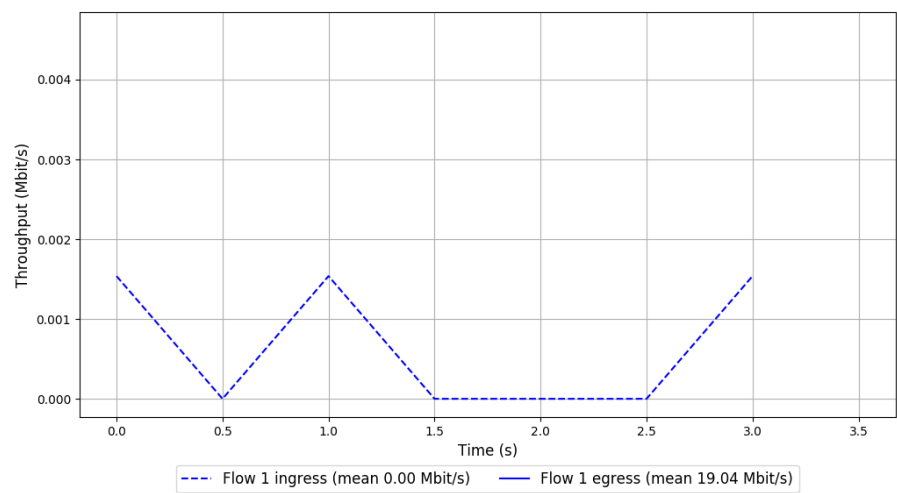
End at: 2017-12-11 12:10:37

Local clock offset: 2.3 ms

Remote clock offset: 0.109 ms



Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

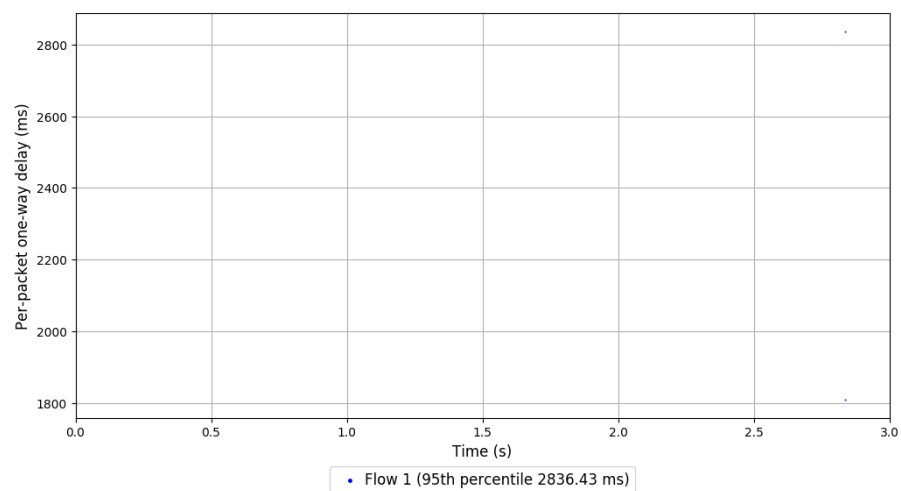
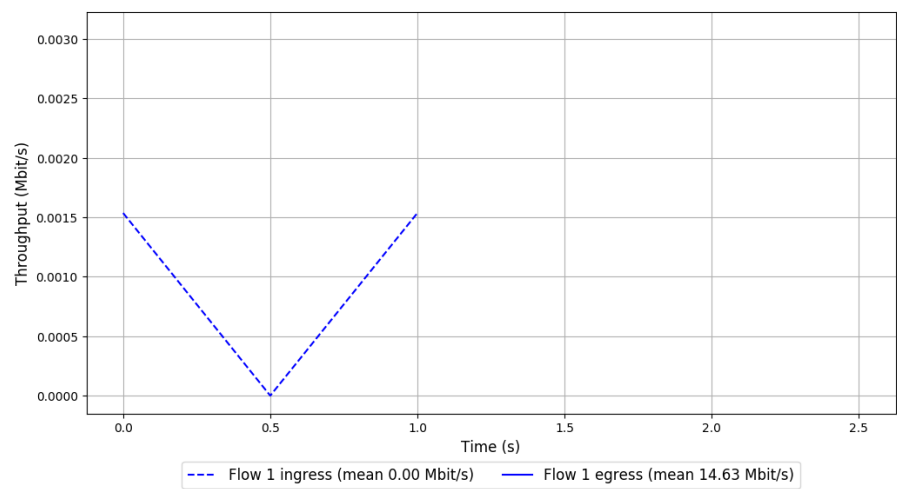
Start at: 2017-12-11 12:28:38

End at: 2017-12-11 12:29:08

Local clock offset: 2.158 ms

Remote clock offset: 0.019 ms

Run 6: Report of TCP BBR — Data Link

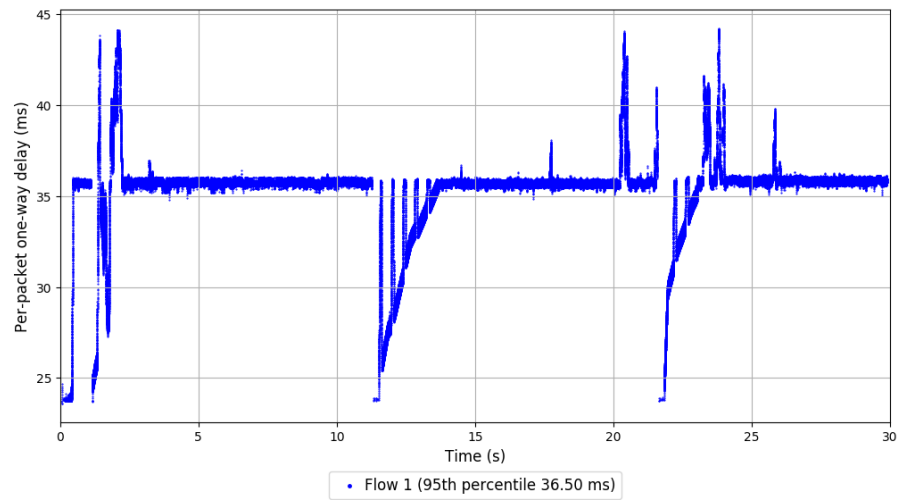
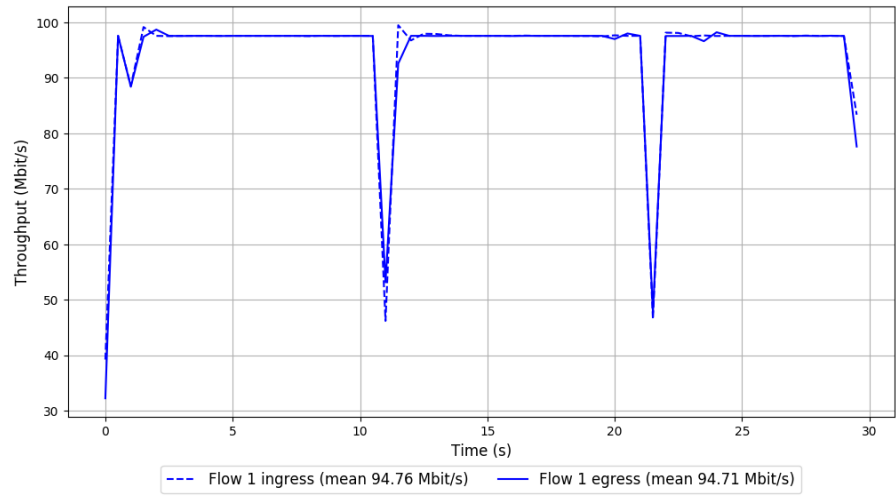


Run 7: Statistics of TCP BBR

Start at: 2017-12-11 12:47:19  
End at: 2017-12-11 12:47:49  
Local clock offset: 1.852 ms  
Remote clock offset: -0.109 ms

# Below is generated by plot.py at 2017-12-11 17:10:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.71 Mbit/s  
95th percentile per-packet one-way delay: 36.502 ms  
Loss rate: 0.24%  
-- Flow 1:  
Average throughput: 94.71 Mbit/s  
95th percentile per-packet one-way delay: 36.502 ms  
Loss rate: 0.24%

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



Run 8: Statistics of TCP BBR

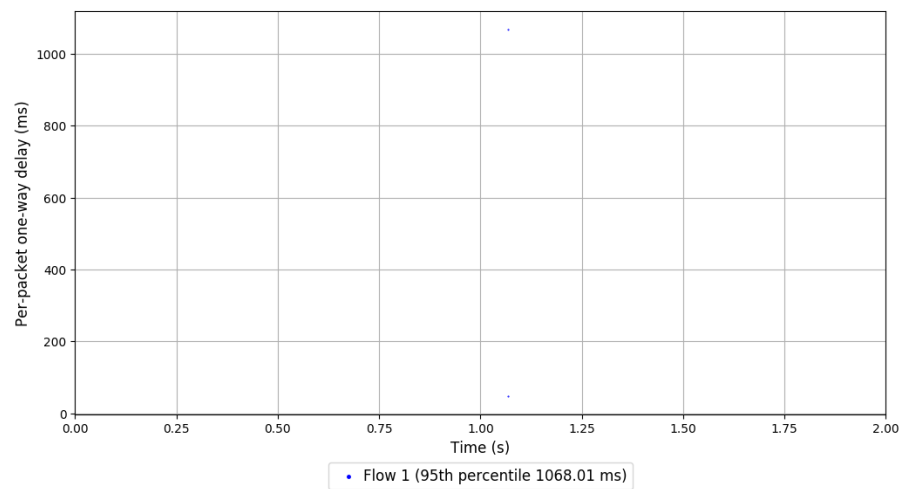
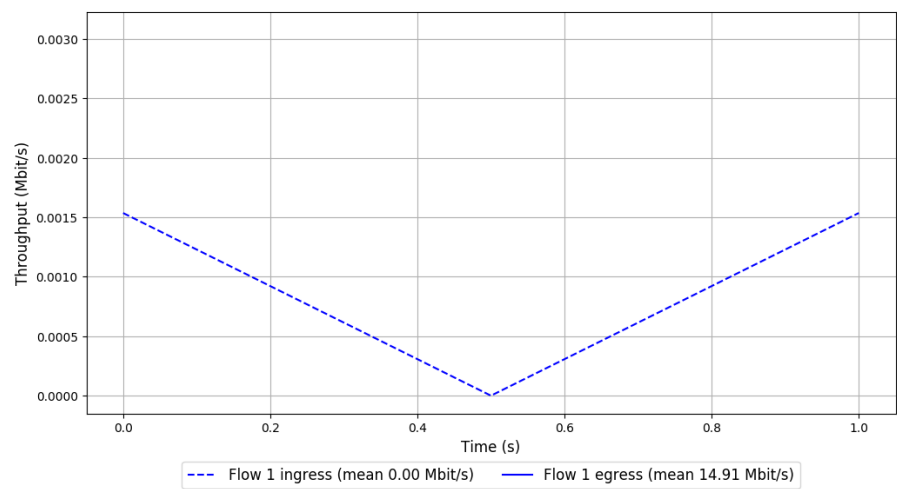
Start at: 2017-12-11 13:05:52

End at: 2017-12-11 13:06:22

Local clock offset: 1.557 ms

Remote clock offset: 0.312 ms

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-12-11 13:24:38

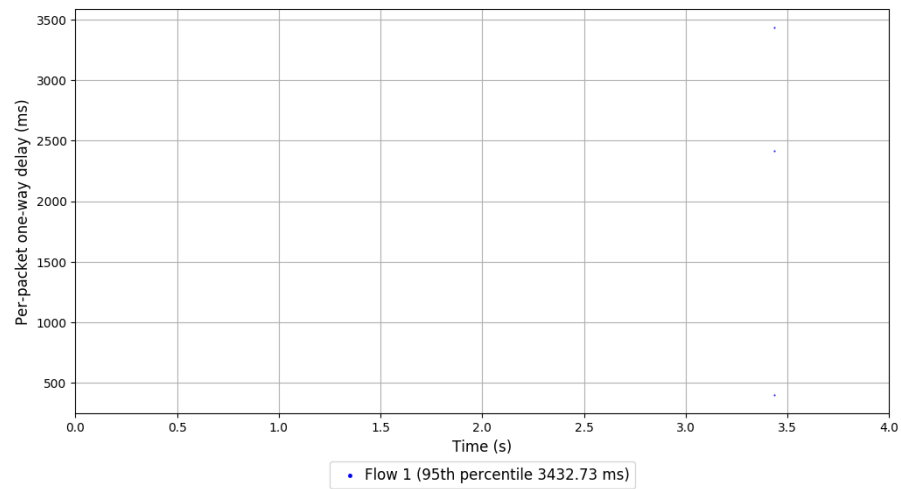
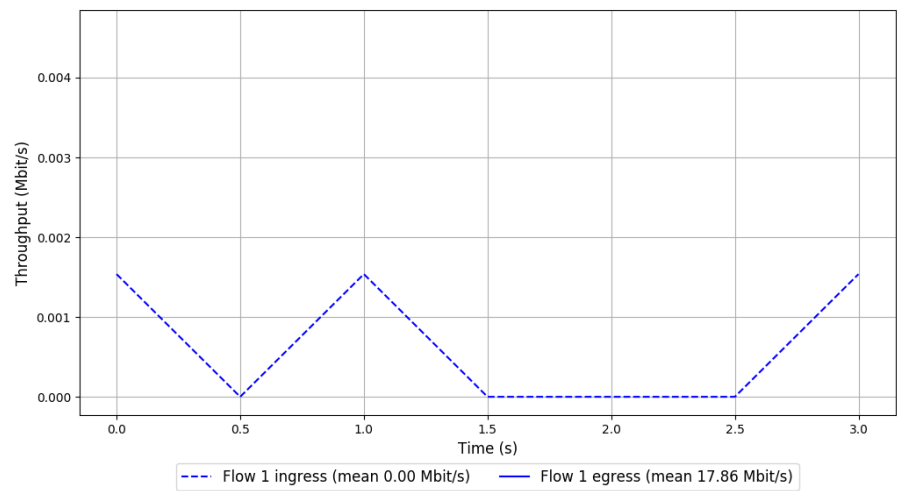
End at: 2017-12-11 13:25:08

Local clock offset: 1.443 ms

Remote clock offset: -0.384 ms



Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-12-11 13:43:27

End at: 2017-12-11 13:43:57

Local clock offset: 1.456 ms

Remote clock offset: 0.128 ms

# Below is generated by plot.py at 2017-12-11 17:10:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 38.125 ms

Loss rate: 0.31%

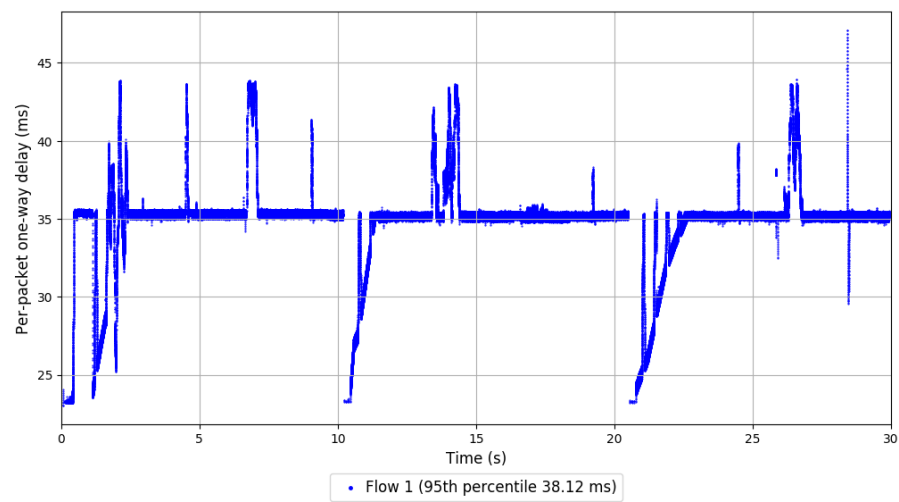
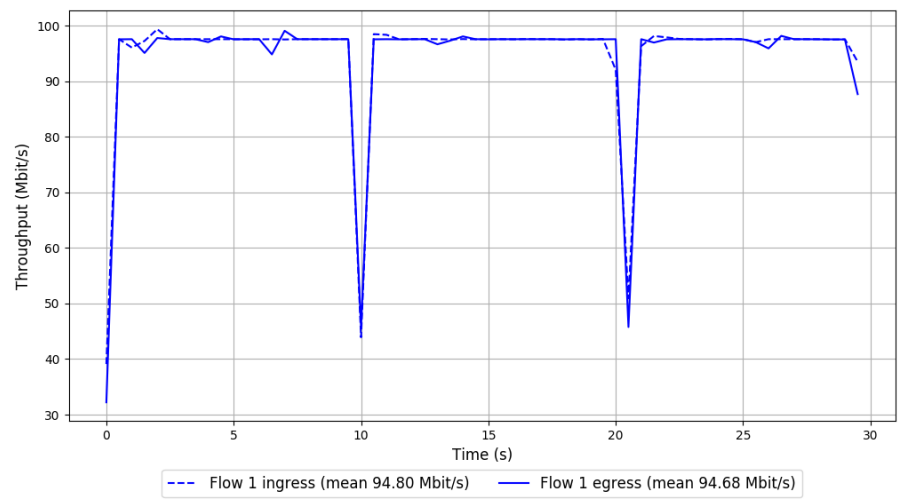
-- Flow 1:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 38.125 ms

Loss rate: 0.31%

Run 10: Report of TCP BBR — Data Link

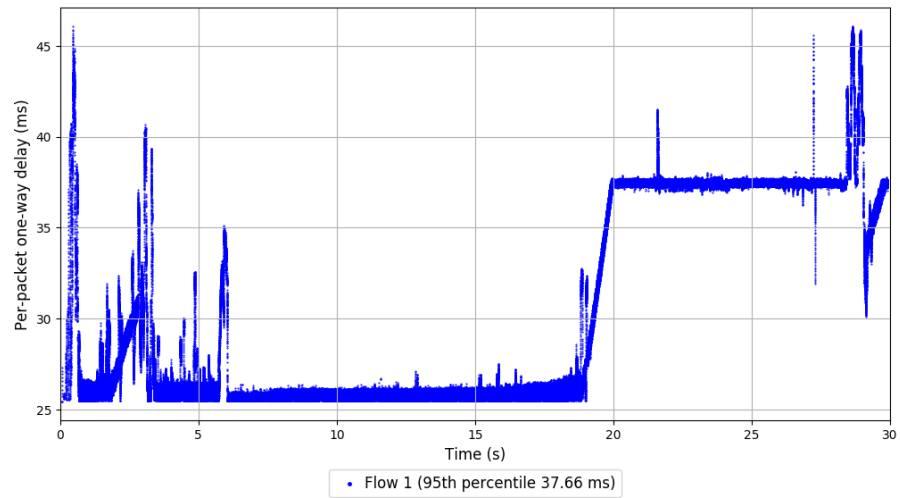
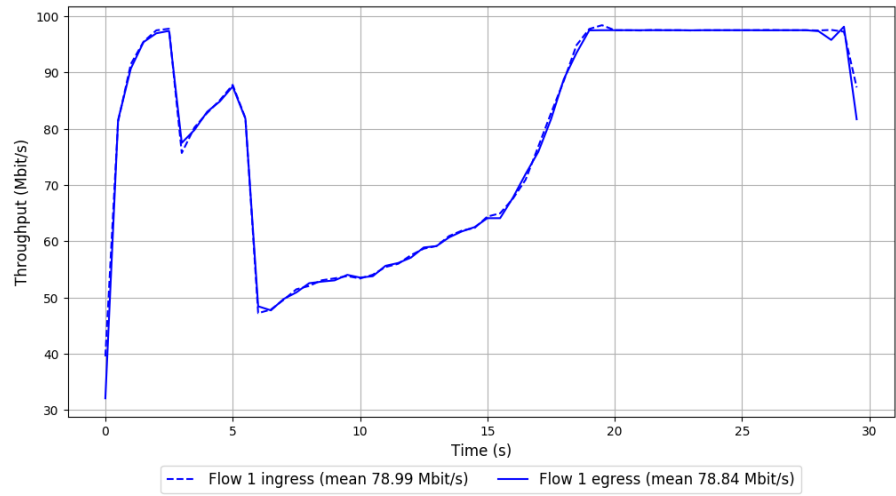


Run 1: Statistics of TCP Cubic

Start at: 2017-12-11 10:49:58  
End at: 2017-12-11 10:50:28  
Local clock offset: 3.822 ms  
Remote clock offset: -3.286 ms

# Below is generated by plot.py at 2017-12-11 17:10:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.84 Mbit/s  
95th percentile per-packet one-way delay: 37.655 ms  
Loss rate: 0.39%  
-- Flow 1:  
Average throughput: 78.84 Mbit/s  
95th percentile per-packet one-way delay: 37.655 ms  
Loss rate: 0.39%

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

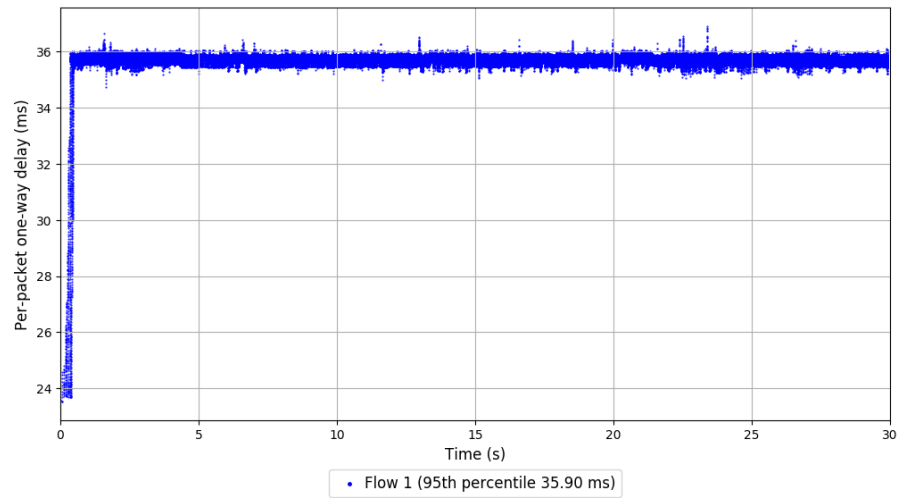
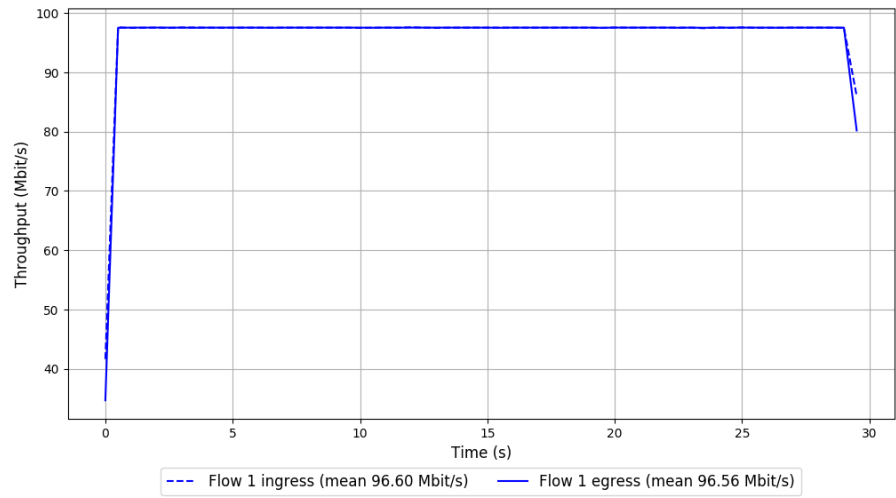


Run 2: Statistics of TCP Cubic

Start at: 2017-12-11 11:08:33  
End at: 2017-12-11 11:09:03  
Local clock offset: 3.946 ms  
Remote clock offset: -1.254 ms

# Below is generated by plot.py at 2017-12-11 17:10:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.56 Mbit/s  
95th percentile per-packet one-way delay: 35.901 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 96.56 Mbit/s  
95th percentile per-packet one-way delay: 35.901 ms  
Loss rate: 0.22%

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



Run 3: Statistics of TCP Cubic

Start at: 2017-12-11 11:27:14

End at: 2017-12-11 11:27:44

Local clock offset: 3.006 ms

Remote clock offset: -1.16 ms

# Below is generated by plot.py at 2017-12-11 17:10:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.56 Mbit/s

95th percentile per-packet one-way delay: 36.054 ms

Loss rate: 0.22%

-- Flow 1:

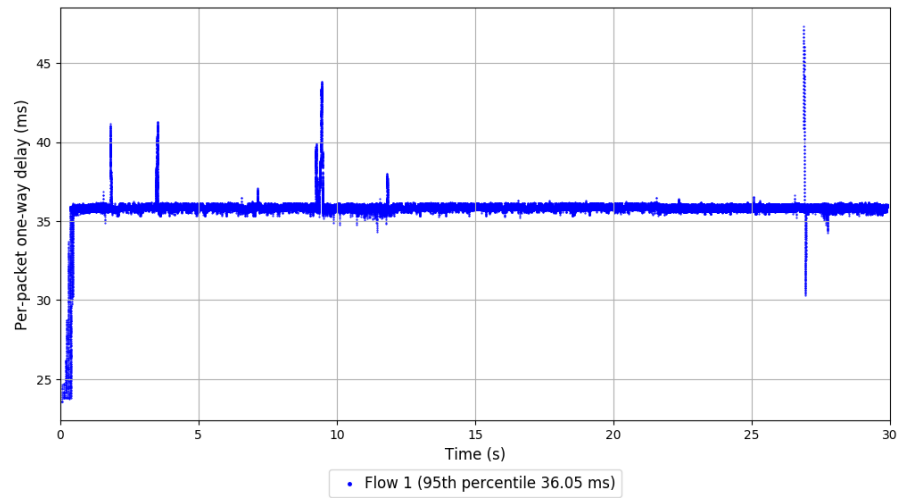
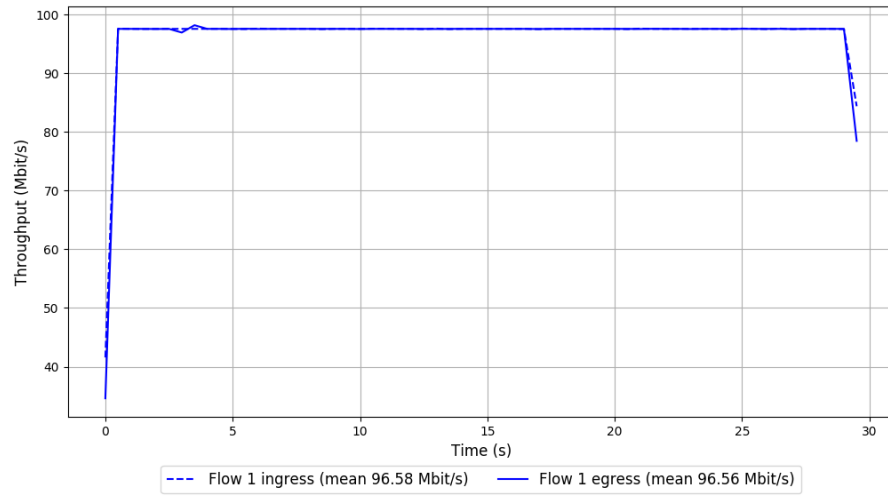
Average throughput: 96.56 Mbit/s

95th percentile per-packet one-way delay: 36.054 ms

Loss rate: 0.22%



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

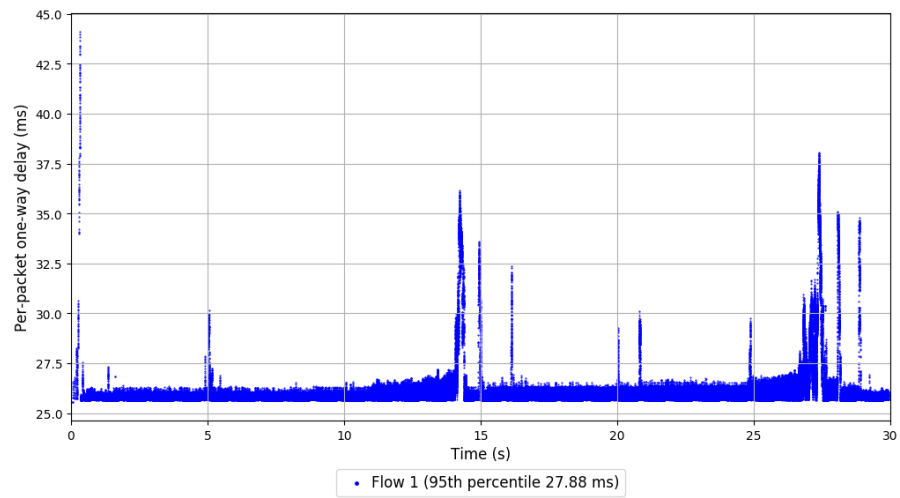
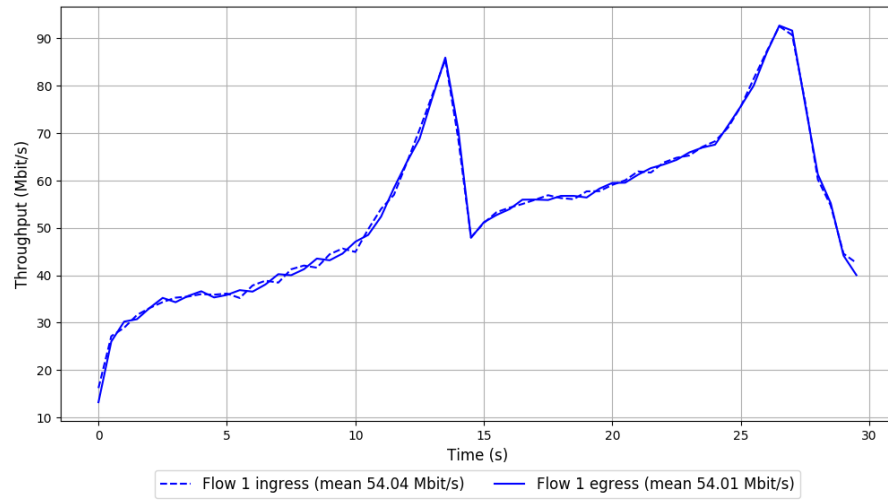


Run 4: Statistics of TCP Cubic

Start at: 2017-12-11 11:46:02  
End at: 2017-12-11 11:46:32  
Local clock offset: 2.34 ms  
Remote clock offset: -2.958 ms

# Below is generated by plot.py at 2017-12-11 17:10:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 54.01 Mbit/s  
95th percentile per-packet one-way delay: 27.877 ms  
Loss rate: 0.24%  
-- Flow 1:  
Average throughput: 54.01 Mbit/s  
95th percentile per-packet one-way delay: 27.877 ms  
Loss rate: 0.24%

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

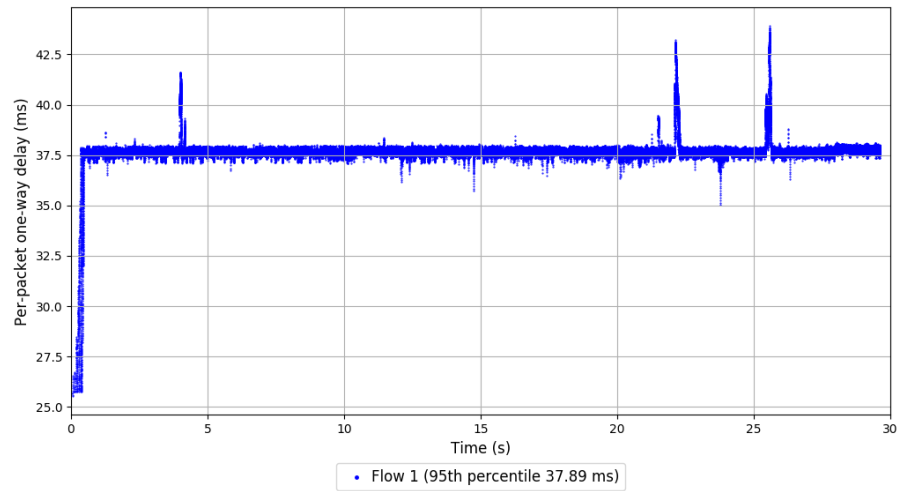
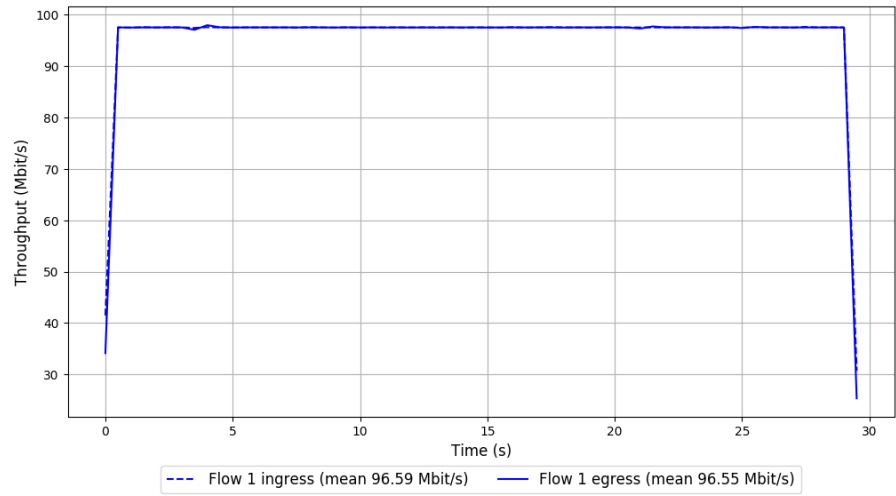


Run 5: Statistics of TCP Cubic

Start at: 2017-12-11 12:04:46  
End at: 2017-12-11 12:05:16  
Local clock offset: 2.259 ms  
Remote clock offset: -2.637 ms

# Below is generated by plot.py at 2017-12-11 17:10:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.55 Mbit/s  
95th percentile per-packet one-way delay: 37.886 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 96.55 Mbit/s  
95th percentile per-packet one-way delay: 37.886 ms  
Loss rate: 0.22%

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



Run 6: Statistics of TCP Cubic

Start at: 2017-12-11 12:23:18

End at: 2017-12-11 12:23:48

Local clock offset: 2.248 ms

Remote clock offset: 0.5 ms

# Below is generated by plot.py at 2017-12-11 17:10:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.23 Mbit/s

95th percentile per-packet one-way delay: 36.494 ms

Loss rate: 0.27%

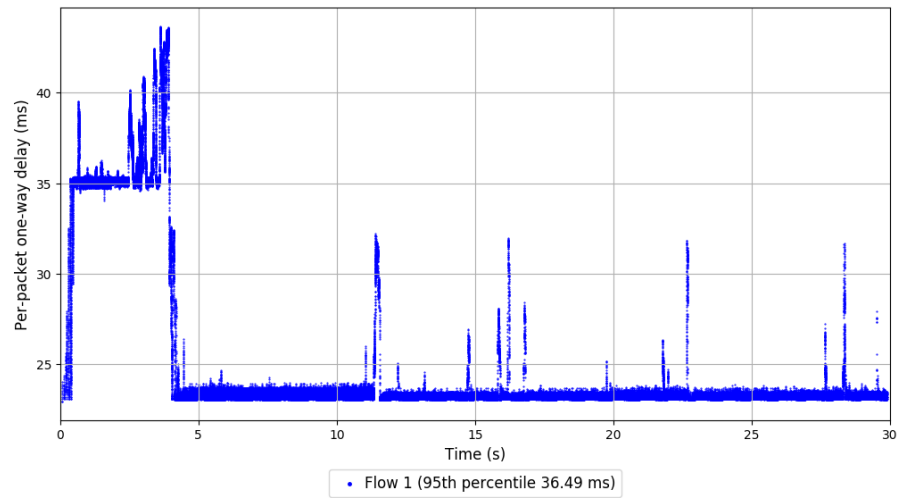
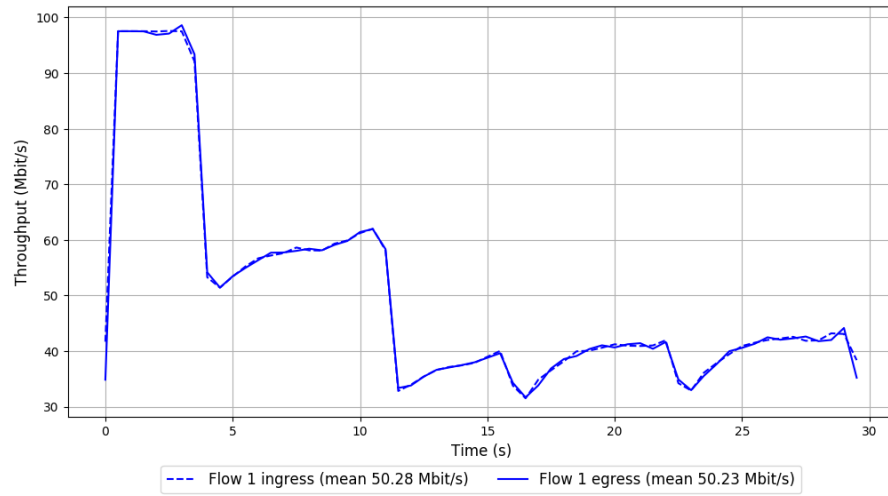
-- Flow 1:

Average throughput: 50.23 Mbit/s

95th percentile per-packet one-way delay: 36.494 ms

Loss rate: 0.27%

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



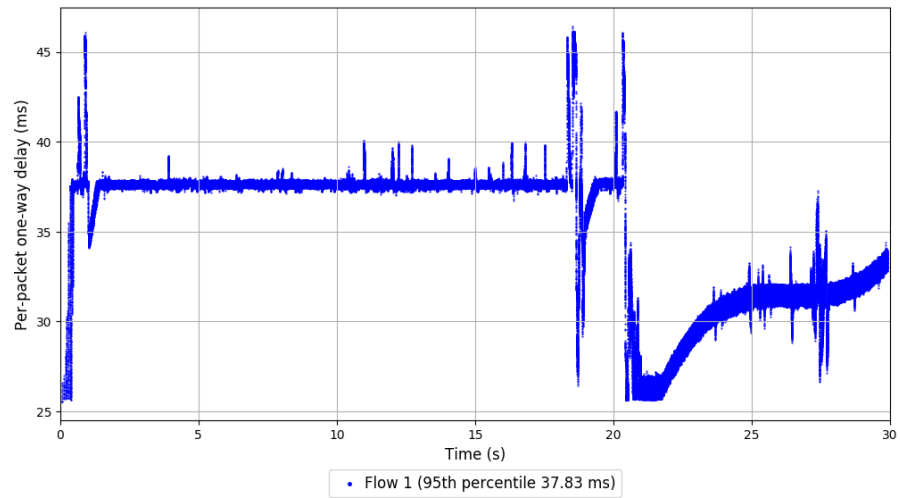
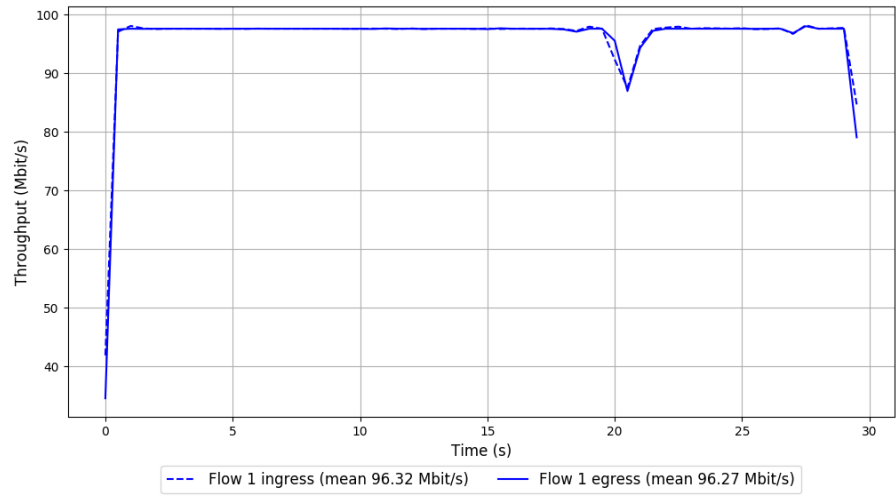
Run 7: Statistics of TCP Cubic

Start at: 2017-12-11 12:41:51  
End at: 2017-12-11 12:42:21  
Local clock offset: 1.989 ms  
Remote clock offset: -2.008 ms

# Below is generated by plot.py at 2017-12-11 17:11:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.27 Mbit/s  
95th percentile per-packet one-way delay: 37.830 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 96.27 Mbit/s  
95th percentile per-packet one-way delay: 37.830 ms  
Loss rate: 0.22%



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



Run 8: Statistics of TCP Cubic

Start at: 2017-12-11 13:00:30

End at: 2017-12-11 13:01:00

Local clock offset: 1.707 ms

Remote clock offset: -0.12 ms

# Below is generated by plot.py at 2017-12-11 17:11:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.53 Mbit/s

95th percentile per-packet one-way delay: 37.889 ms

Loss rate: 0.25%

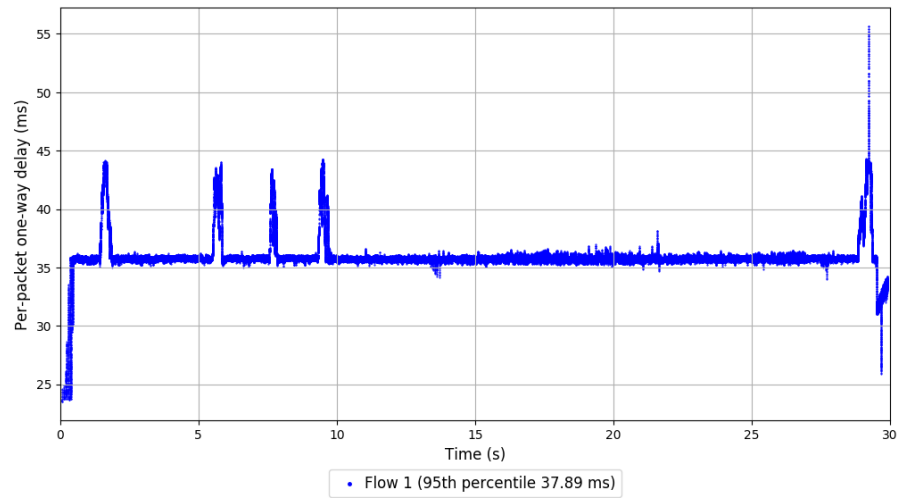
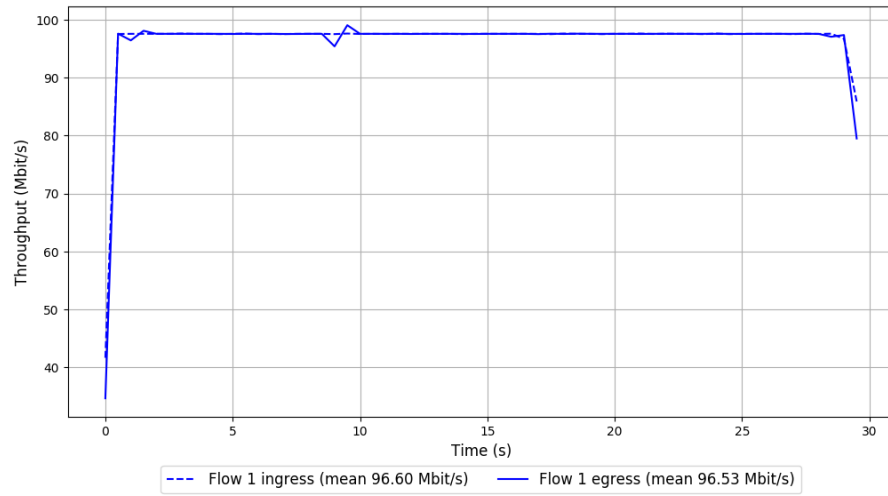
-- Flow 1:

Average throughput: 96.53 Mbit/s

95th percentile per-packet one-way delay: 37.889 ms

Loss rate: 0.25%

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

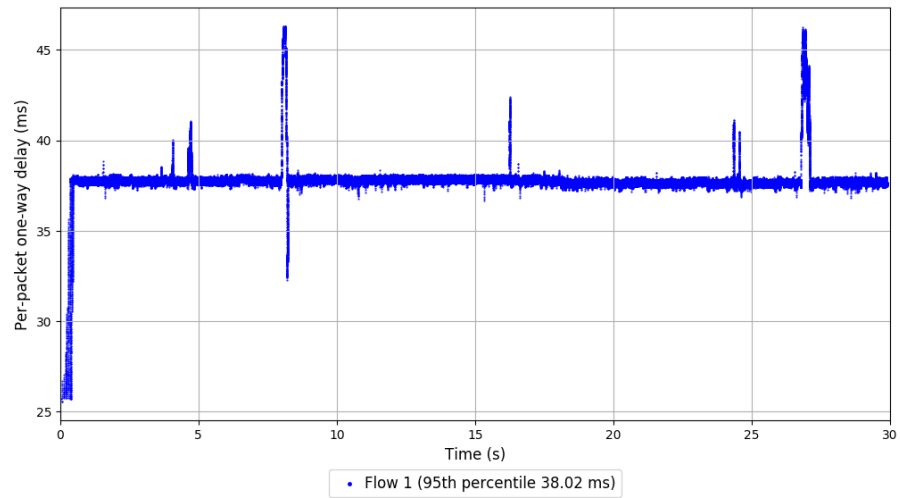
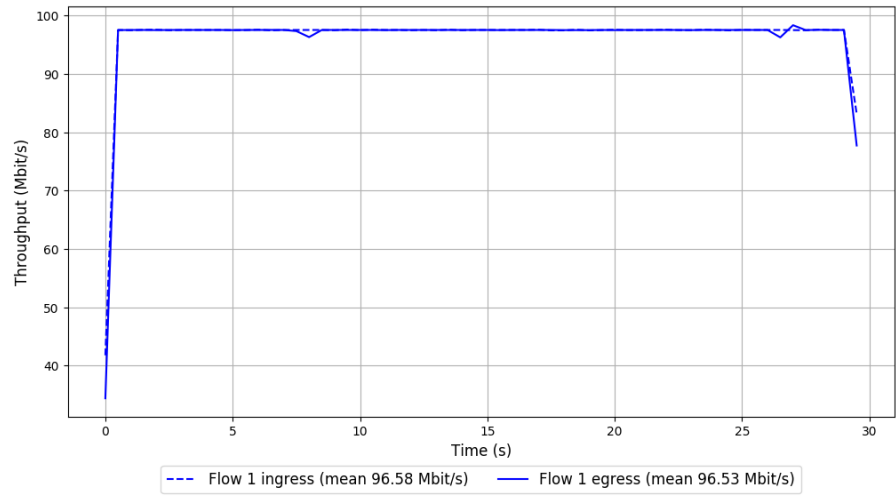


Run 9: Statistics of TCP Cubic

Start at: 2017-12-11 13:19:17  
End at: 2017-12-11 13:19:47  
Local clock offset: 1.553 ms  
Remote clock offset: -2.339 ms

# Below is generated by plot.py at 2017-12-11 17:11:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.53 Mbit/s  
95th percentile per-packet one-way delay: 38.015 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 96.53 Mbit/s  
95th percentile per-packet one-way delay: 38.015 ms  
Loss rate: 0.25%

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



Run 10: Statistics of TCP Cubic

Start at: 2017-12-11 13:37:59

End at: 2017-12-11 13:38:29

Local clock offset: 1.41 ms

Remote clock offset: -0.346 ms

# Below is generated by plot.py at 2017-12-11 17:11:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.70 Mbit/s

95th percentile per-packet one-way delay: 35.655 ms

Loss rate: 0.30%

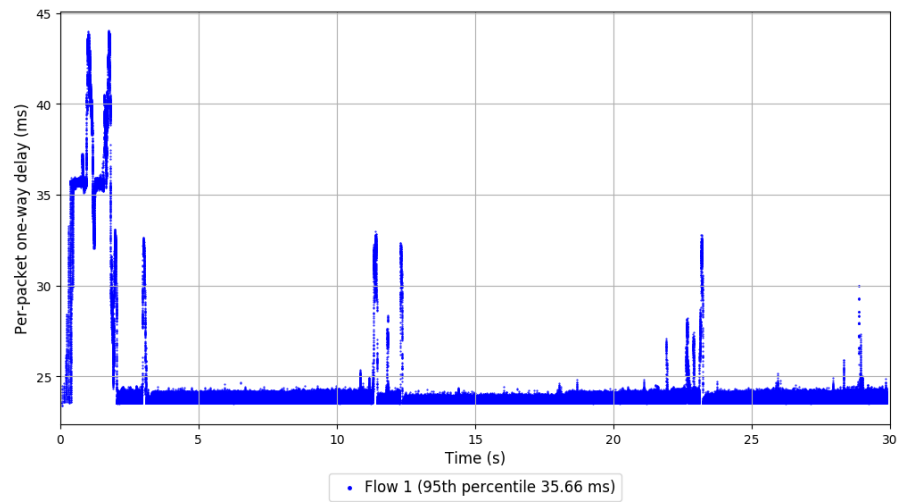
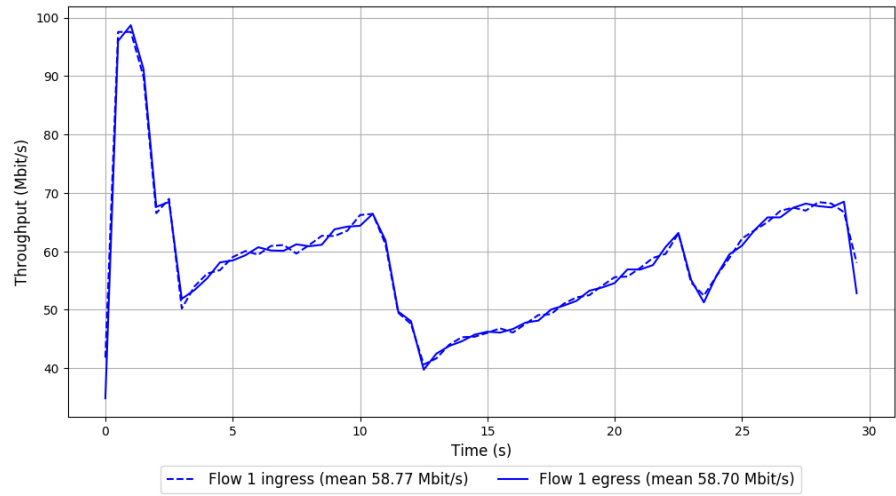
-- Flow 1:

Average throughput: 58.70 Mbit/s

95th percentile per-packet one-way delay: 35.655 ms

Loss rate: 0.30%

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



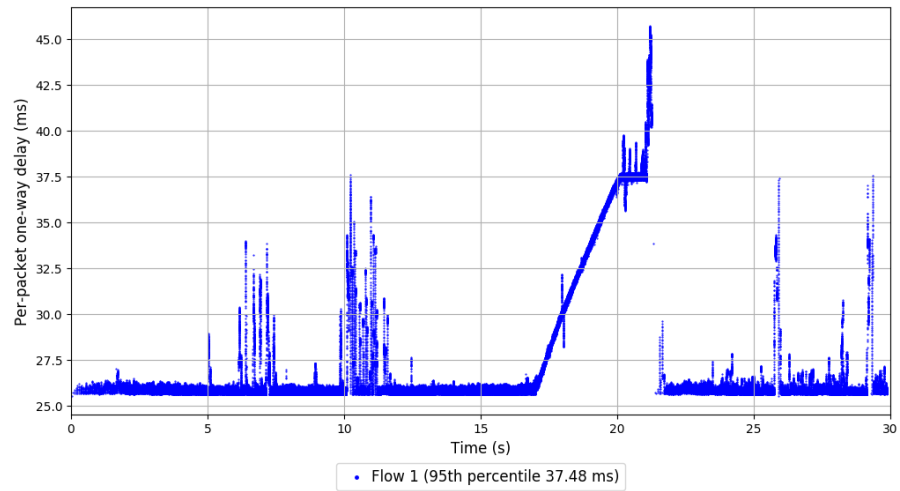
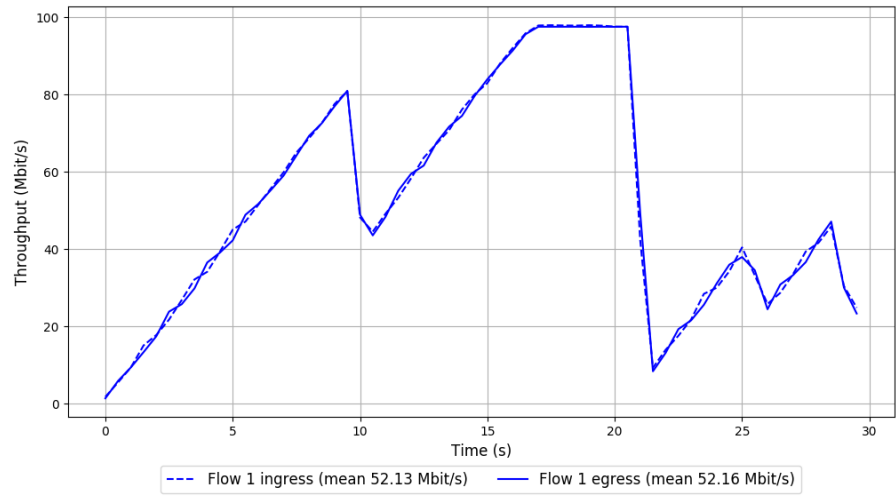
```
Run 1: Statistics of LEDBAT

Start at: 2017-12-11 10:51:18
End at: 2017-12-11 10:51:48
Local clock offset: 3.892 ms
Remote clock offset: -3.344 ms

# Below is generated by plot.py at 2017-12-11 17:11:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.16 Mbit/s
95th percentile per-packet one-way delay: 37.476 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 52.16 Mbit/s
95th percentile per-packet one-way delay: 37.476 ms
Loss rate: 0.12%
```



# Run 1: Report of LEDBAT — Data Link

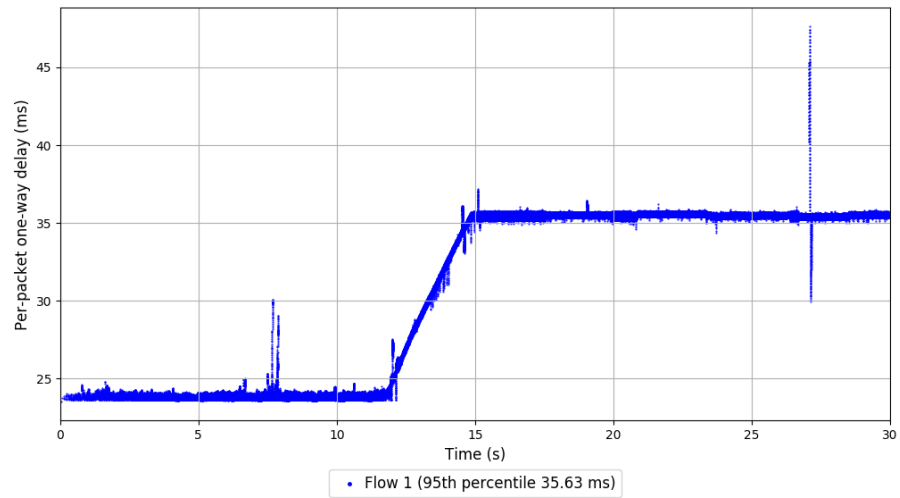
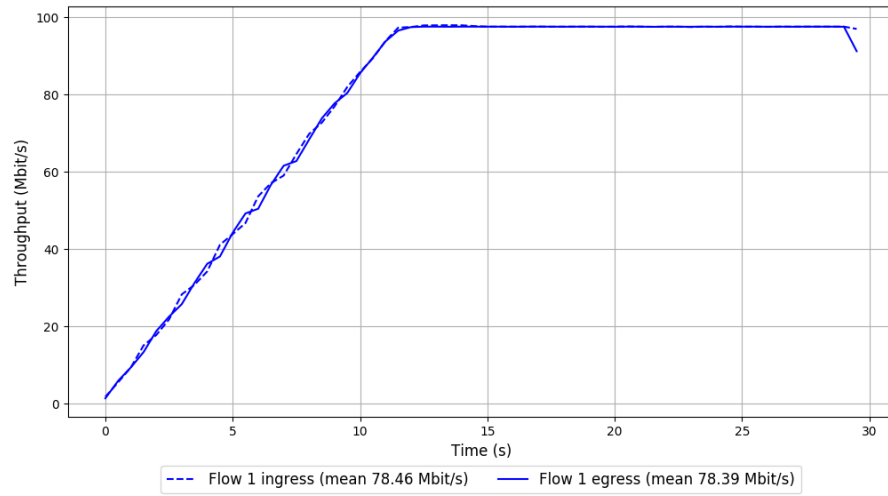


Run 2: Statistics of LEDBAT

Start at: 2017-12-11 11:09:54  
End at: 2017-12-11 11:10:24  
Local clock offset: 3.86 ms  
Remote clock offset: -1.363 ms

# Below is generated by plot.py at 2017-12-11 17:11:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.39 Mbit/s  
95th percentile per-packet one-way delay: 35.635 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 78.39 Mbit/s  
95th percentile per-packet one-way delay: 35.635 ms  
Loss rate: 0.27%

## Run 2: Report of LEDBAT — Data Link

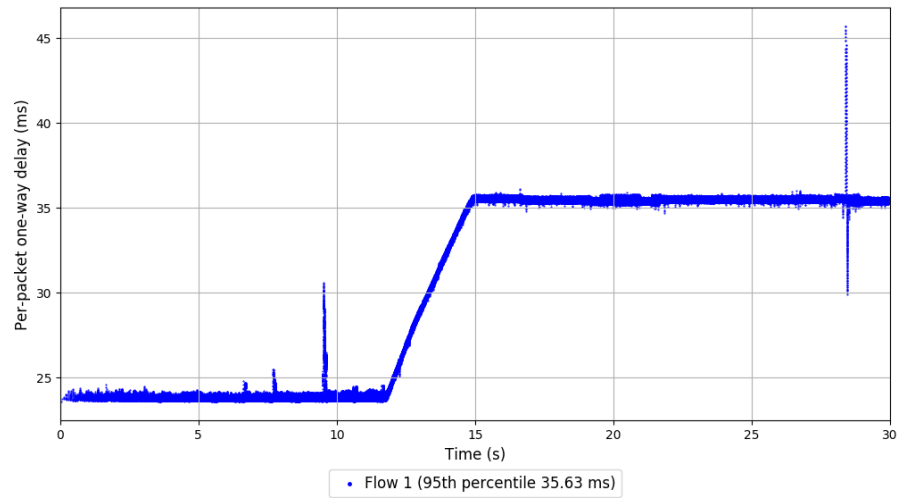
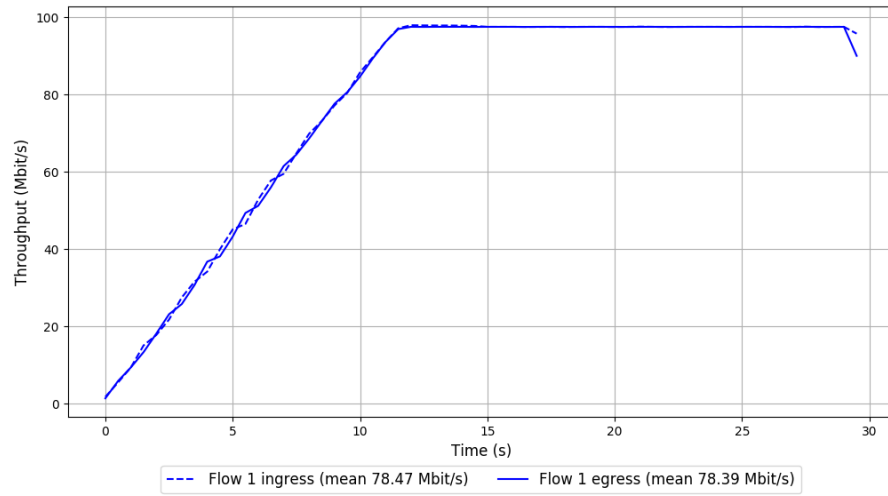


Run 3: Statistics of LEDBAT

Start at: 2017-12-11 11:28:35  
End at: 2017-12-11 11:29:05  
Local clock offset: 2.854 ms  
Remote clock offset: -1.091 ms

# Below is generated by plot.py at 2017-12-11 17:11:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.39 Mbit/s  
95th percentile per-packet one-way delay: 35.629 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 78.39 Mbit/s  
95th percentile per-packet one-way delay: 35.629 ms  
Loss rate: 0.27%

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

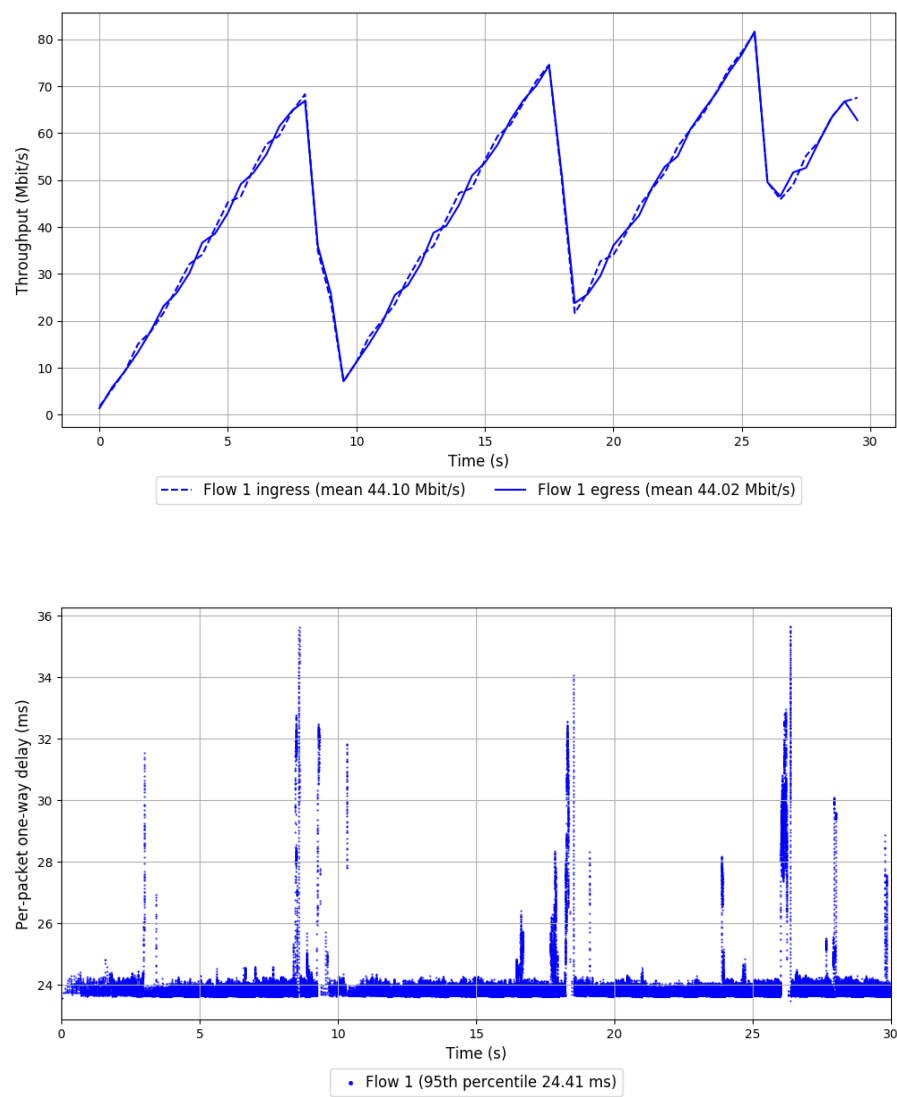


Run 4: Statistics of LEDBAT

Start at: 2017-12-11 11:47:21  
End at: 2017-12-11 11:47:51  
Local clock offset: 2.31 ms  
Remote clock offset: -0.946 ms

# Below is generated by plot.py at 2017-12-11 17:11:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.02 Mbit/s  
95th percentile per-packet one-way delay: 24.414 ms  
Loss rate: 0.36%  
-- Flow 1:  
Average throughput: 44.02 Mbit/s  
95th percentile per-packet one-way delay: 24.414 ms  
Loss rate: 0.36%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2017-12-11 12:06:06

End at: 2017-12-11 12:06:36

Local clock offset: 2.369 ms

Remote clock offset: -2.61 ms

# Below is generated by plot.py at 2017-12-11 17:11:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.77 Mbit/s

95th percentile per-packet one-way delay: 31.886 ms

Loss rate: 0.20%

-- Flow 1:

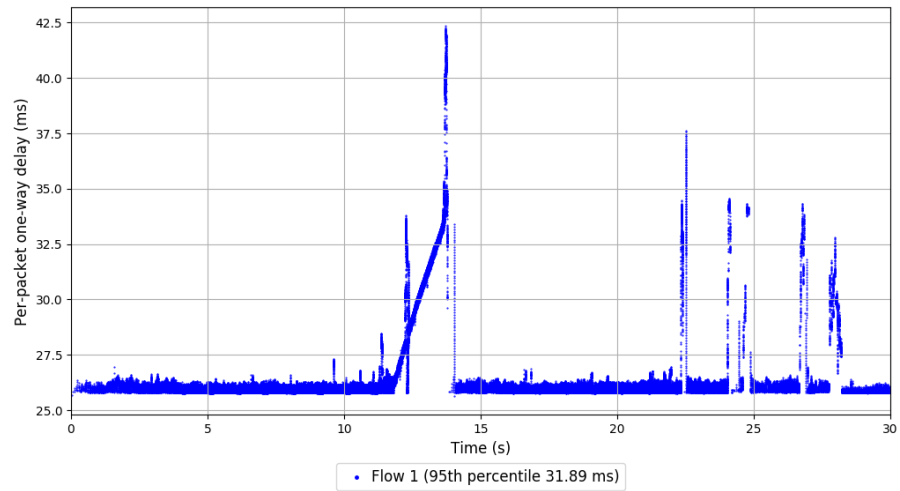
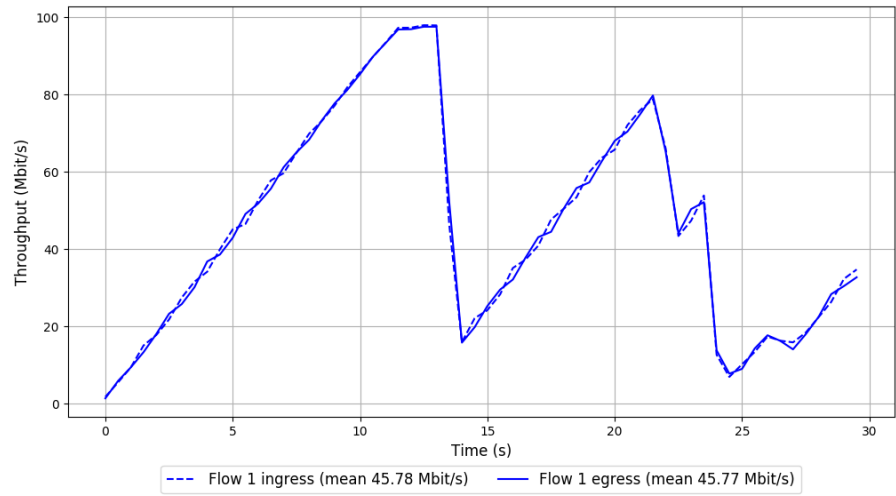
Average throughput: 45.77 Mbit/s

95th percentile per-packet one-way delay: 31.886 ms

Loss rate: 0.20%



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



Run 6: Statistics of LEDBAT

Start at: 2017-12-11 12:24:36

End at: 2017-12-11 12:25:06

Local clock offset: 2.313 ms

Remote clock offset: 0.53 ms

# Below is generated by plot.py at 2017-12-11 17:11:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 36.37 Mbit/s

95th percentile per-packet one-way delay: 24.055 ms

Loss rate: 0.32%

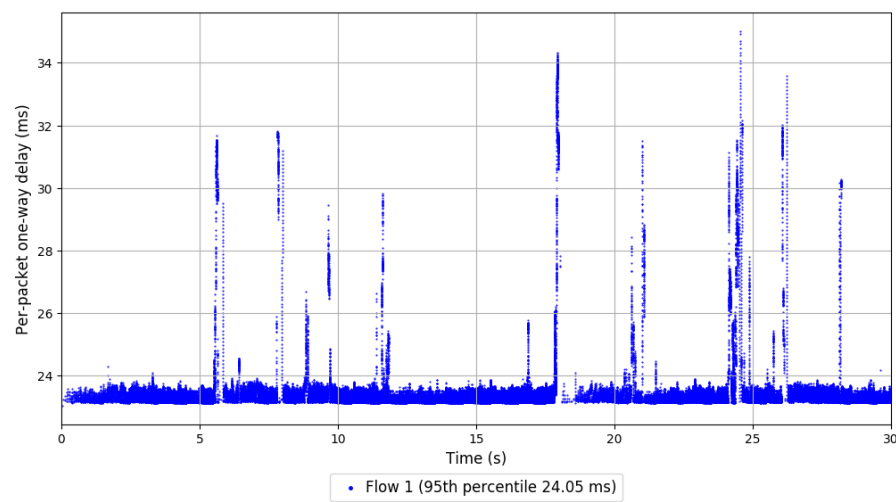
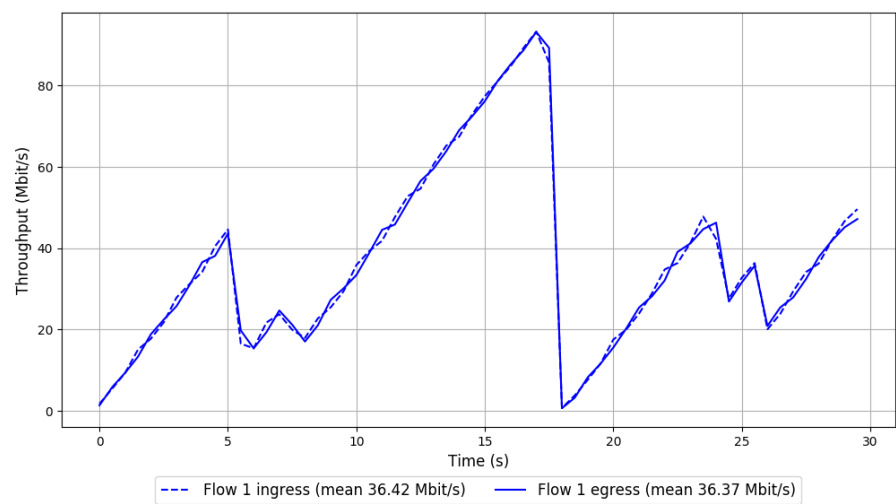
-- Flow 1:

Average throughput: 36.37 Mbit/s

95th percentile per-packet one-way delay: 24.055 ms

Loss rate: 0.32%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2017-12-11 12:43:12

End at: 2017-12-11 12:43:43

Local clock offset: 1.864 ms

Remote clock offset: 0.016 ms

# Below is generated by plot.py at 2017-12-11 17:12:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.35 Mbit/s

95th percentile per-packet one-way delay: 35.452 ms

Loss rate: 0.27%

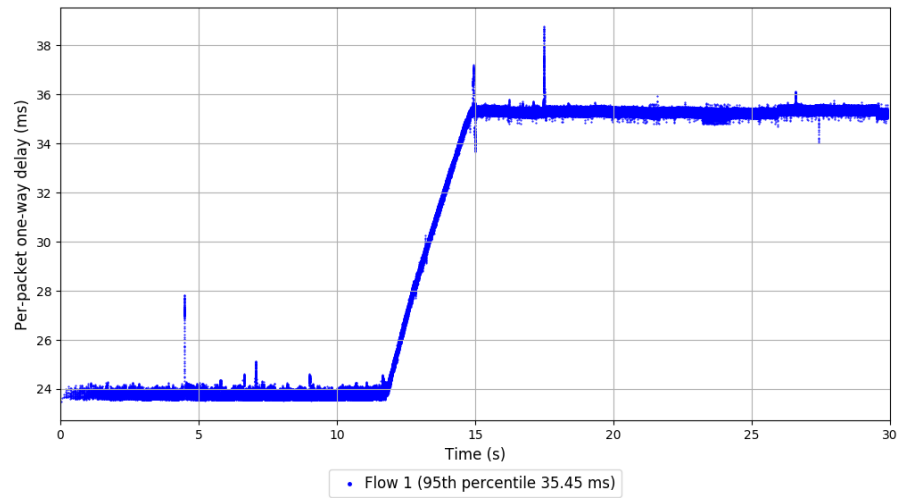
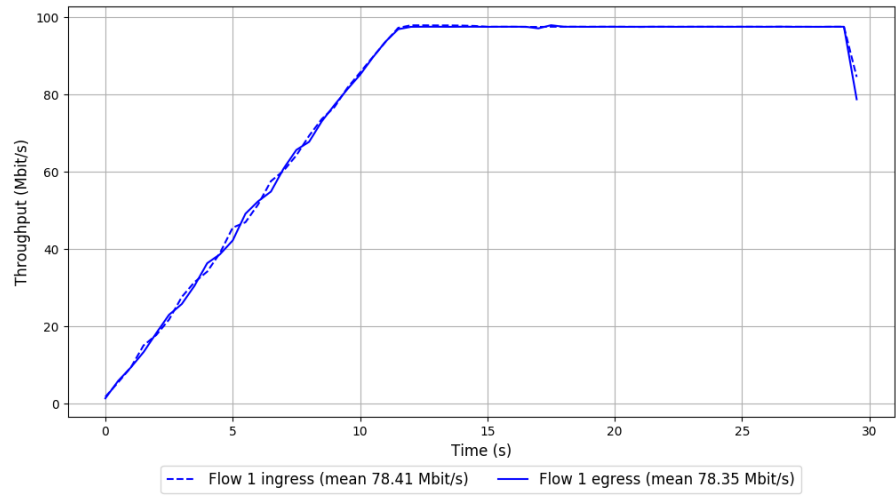
-- Flow 1:

Average throughput: 78.35 Mbit/s

95th percentile per-packet one-way delay: 35.452 ms

Loss rate: 0.27%

## Run 7: Report of LEDBAT — Data Link

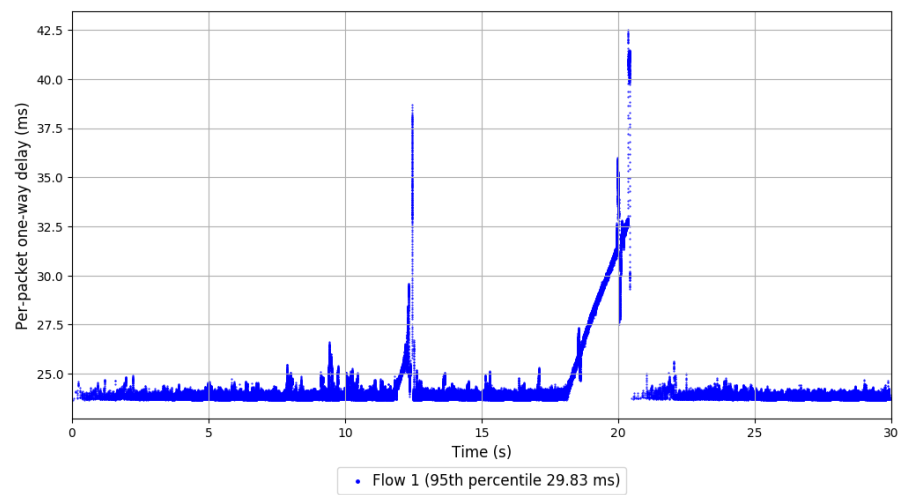
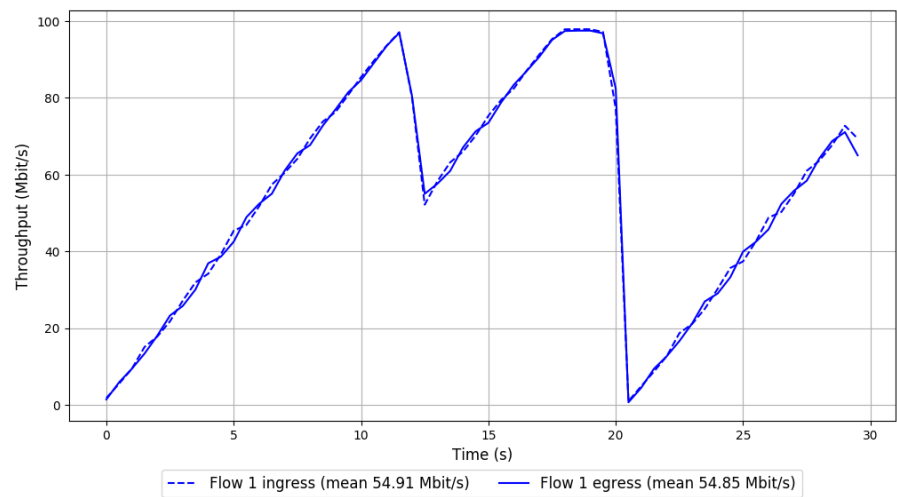


Run 8: Statistics of LEDBAT

Start at: 2017-12-11 13:01:50  
End at: 2017-12-11 13:02:20  
Local clock offset: 1.685 ms  
Remote clock offset: -0.145 ms

# Below is generated by plot.py at 2017-12-11 17:12:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 54.85 Mbit/s  
95th percentile per-packet one-way delay: 29.830 ms  
Loss rate: 0.29%  
-- Flow 1:  
Average throughput: 54.85 Mbit/s  
95th percentile per-packet one-way delay: 29.830 ms  
Loss rate: 0.29%

Run 8: Report of LEDBAT — Data Link



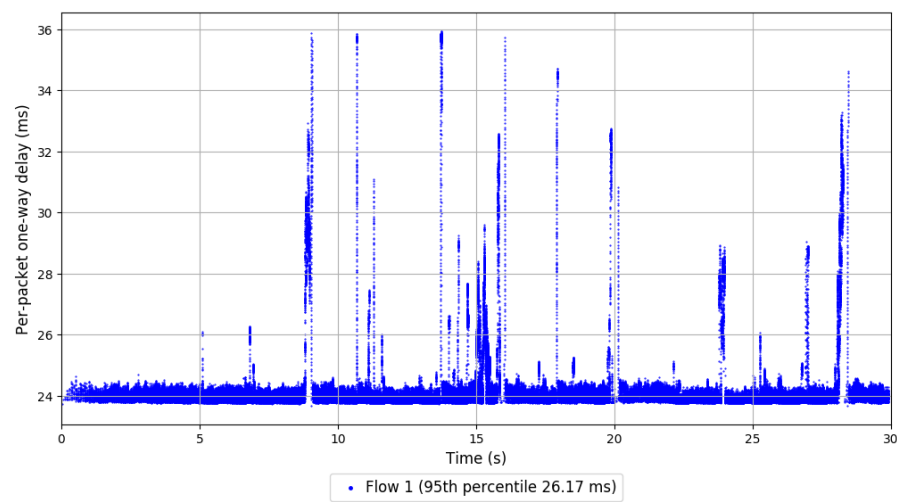
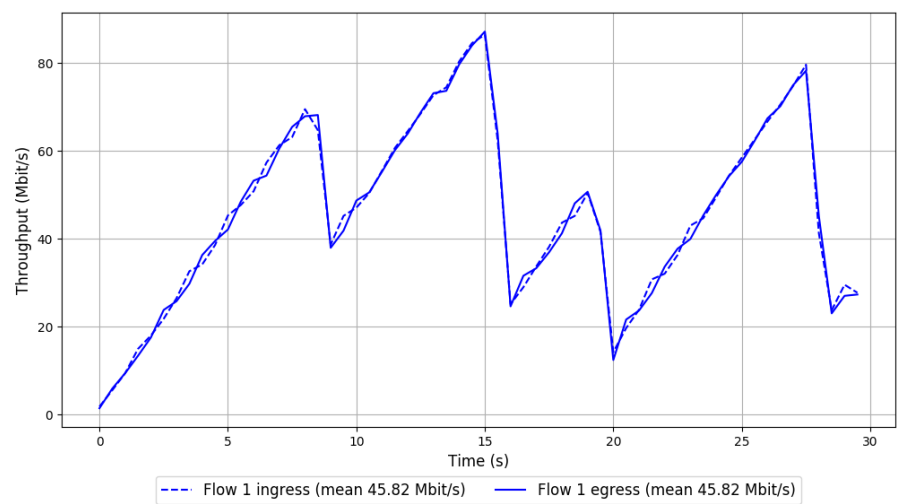
Run 9: Statistics of LEDBAT

Start at: 2017-12-11 13:20:37  
End at: 2017-12-11 13:21:07  
Local clock offset: 1.561 ms  
Remote clock offset: -0.406 ms

# Below is generated by plot.py at 2017-12-11 17:12:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 45.82 Mbit/s  
95th percentile per-packet one-way delay: 26.167 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 45.82 Mbit/s  
95th percentile per-packet one-way delay: 26.167 ms  
Loss rate: 0.19%



Run 9: Report of LEDBAT — Data Link

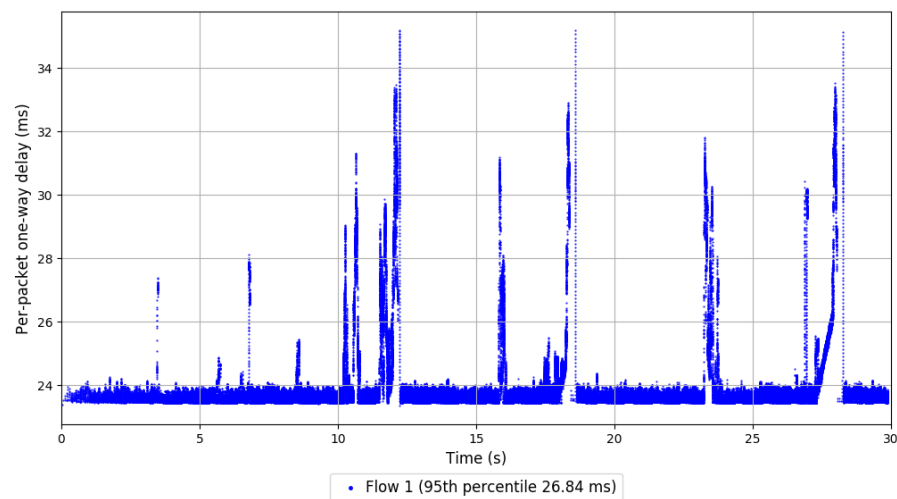
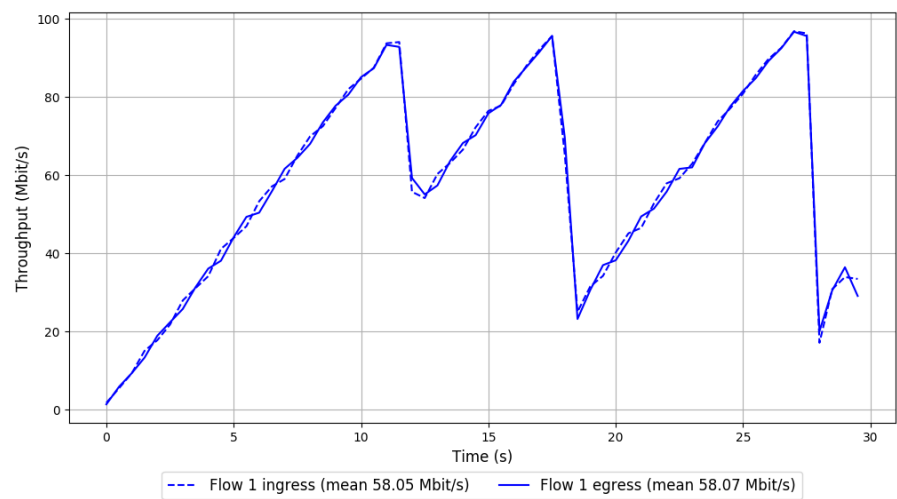


Run 10: Statistics of LEDBAT

Start at: 2017-12-11 13:39:23  
End at: 2017-12-11 13:39:53  
Local clock offset: 1.432 ms  
Remote clock offset: -0.256 ms

# Below is generated by plot.py at 2017-12-11 17:12:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.07 Mbit/s  
95th percentile per-packet one-way delay: 26.841 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 58.07 Mbit/s  
95th percentile per-packet one-way delay: 26.841 ms  
Loss rate: 0.15%

Run 10: Report of LEDBAT — Data Link

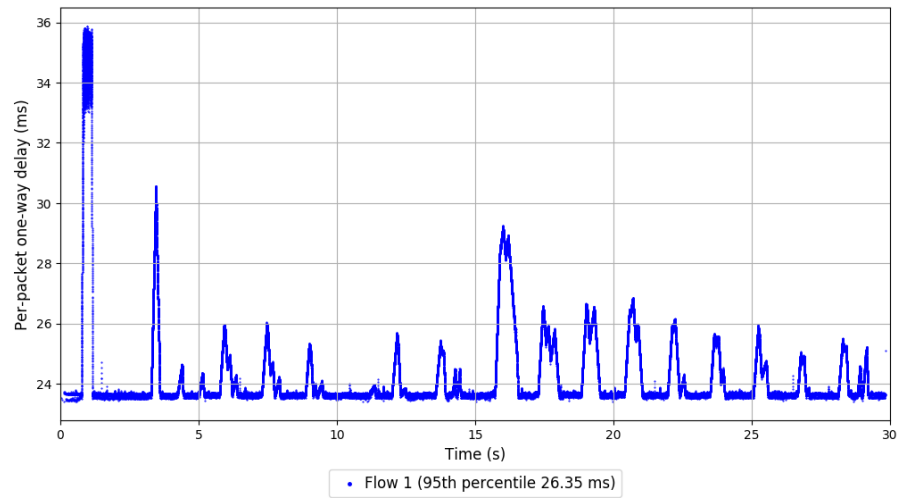
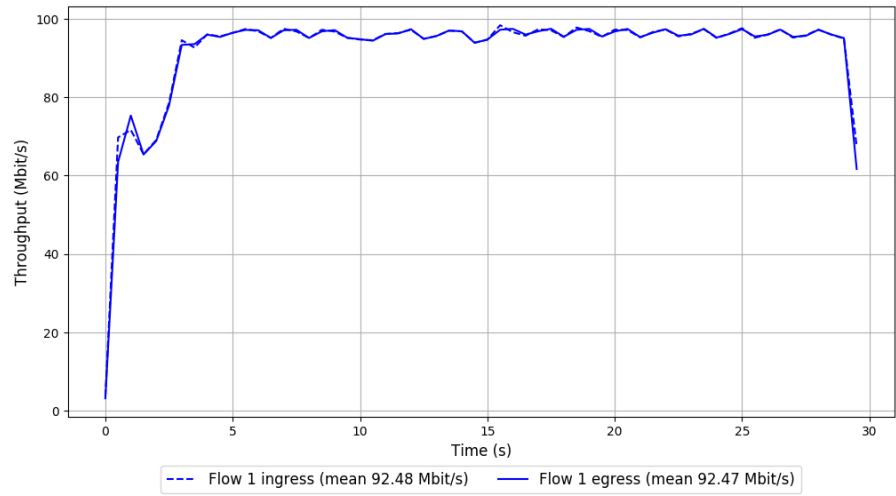


Run 1: Statistics of PCC

Start at: 2017-12-11 10:54:01  
End at: 2017-12-11 10:54:31  
Local clock offset: 3.772 ms  
Remote clock offset: -1.413 ms

# Below is generated by plot.py at 2017-12-11 17:12:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.47 Mbit/s  
95th percentile per-packet one-way delay: 26.348 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 92.47 Mbit/s  
95th percentile per-packet one-way delay: 26.348 ms  
Loss rate: 0.18%

### Run 1: Report of PCC — Data Link

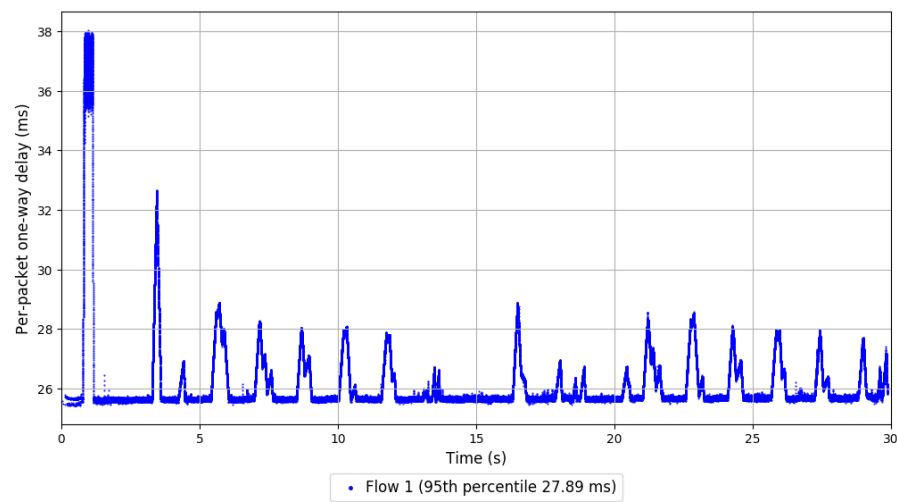
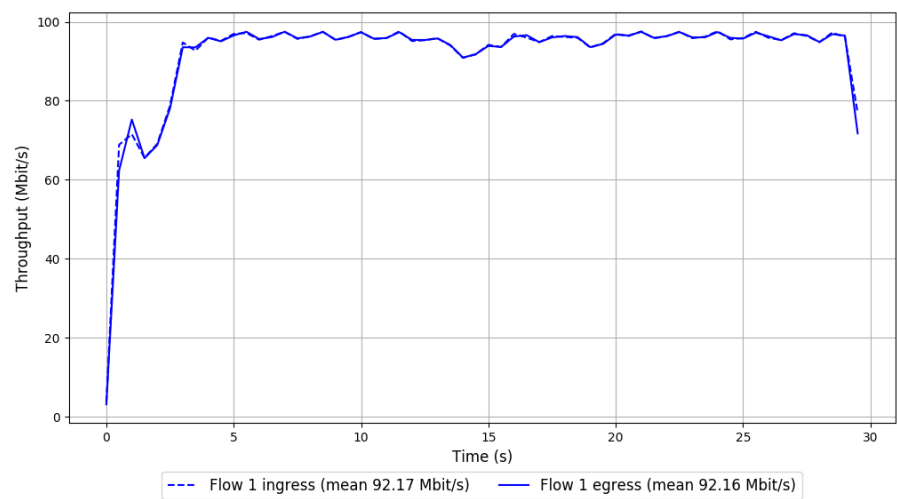


Run 2: Statistics of PCC

Start at: 2017-12-11 11:12:39  
End at: 2017-12-11 11:13:09  
Local clock offset: 3.784 ms  
Remote clock offset: -3.253 ms

# Below is generated by plot.py at 2017-12-11 17:13:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.16 Mbit/s  
95th percentile per-packet one-way delay: 27.893 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 92.16 Mbit/s  
95th percentile per-packet one-way delay: 27.893 ms  
Loss rate: 0.18%

Run 2: Report of PCC — Data Link



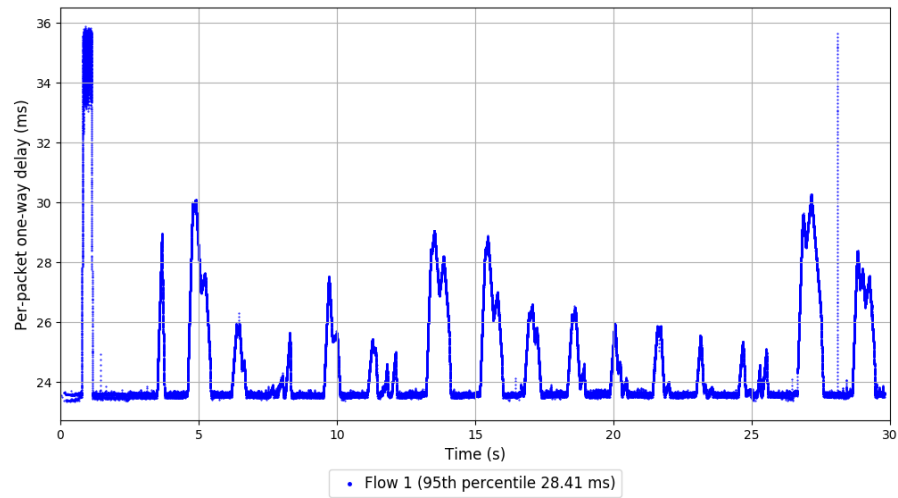
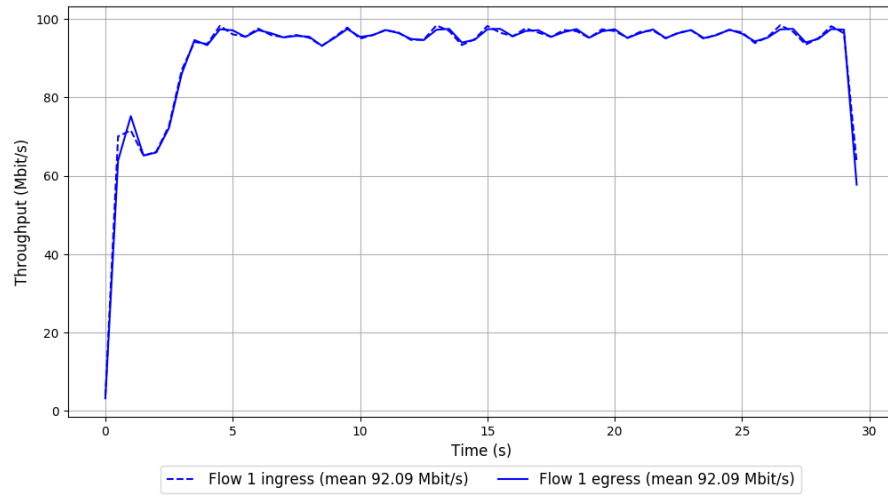
Run 3: Statistics of PCC

Start at: 2017-12-11 11:31:19  
End at: 2017-12-11 11:31:49  
Local clock offset: 2.757 ms  
Remote clock offset: -1.056 ms

# Below is generated by plot.py at 2017-12-11 17:13:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.09 Mbit/s  
95th percentile per-packet one-way delay: 28.406 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 92.09 Mbit/s  
95th percentile per-packet one-way delay: 28.406 ms  
Loss rate: 0.18%



### Run 3: Report of PCC — Data Link

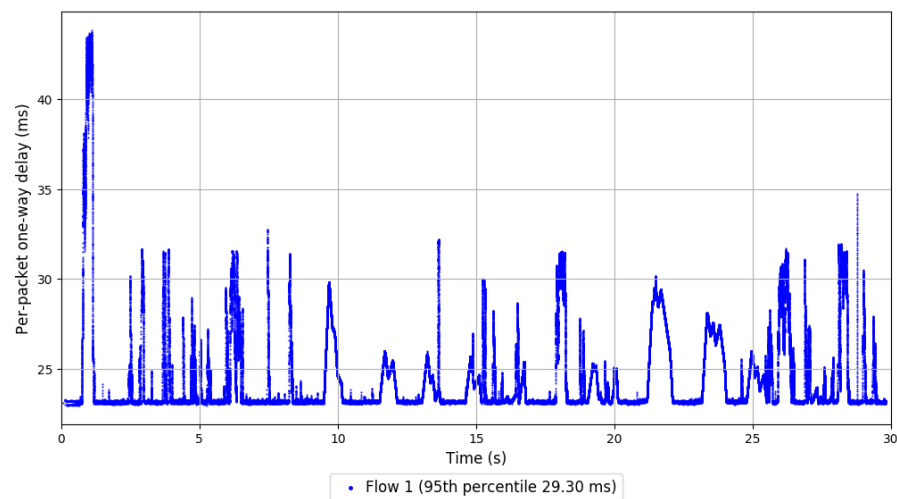
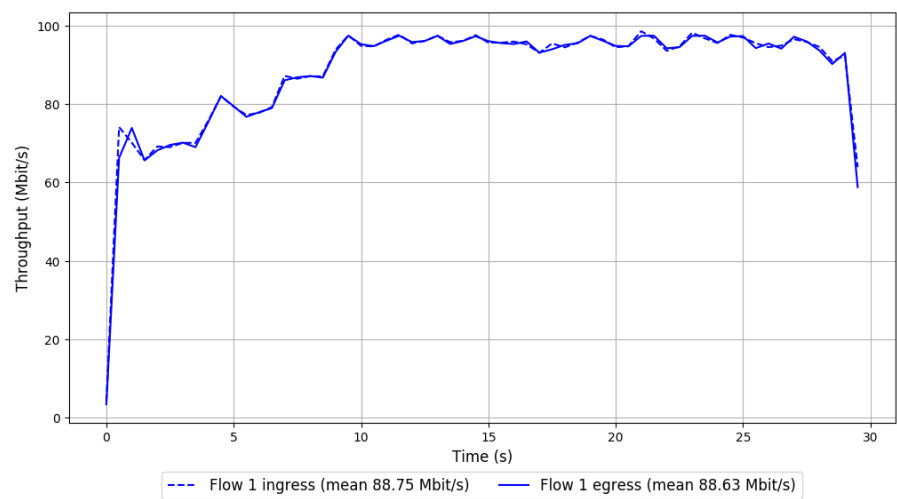


Run 4: Statistics of PCC

Start at: 2017-12-11 11:50:06  
End at: 2017-12-11 11:50:36  
Local clock offset: 2.307 ms  
Remote clock offset: -0.425 ms

# Below is generated by plot.py at 2017-12-11 17:13:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.63 Mbit/s  
95th percentile per-packet one-way delay: 29.303 ms  
Loss rate: 0.31%  
-- Flow 1:  
Average throughput: 88.63 Mbit/s  
95th percentile per-packet one-way delay: 29.303 ms  
Loss rate: 0.31%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-12-11 12:08:48

End at: 2017-12-11 12:09:18

Local clock offset: 2.351 ms

Remote clock offset: -2.55 ms

# Below is generated by plot.py at 2017-12-11 17:13:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.59 Mbit/s

95th percentile per-packet one-way delay: 29.153 ms

Loss rate: 0.19%

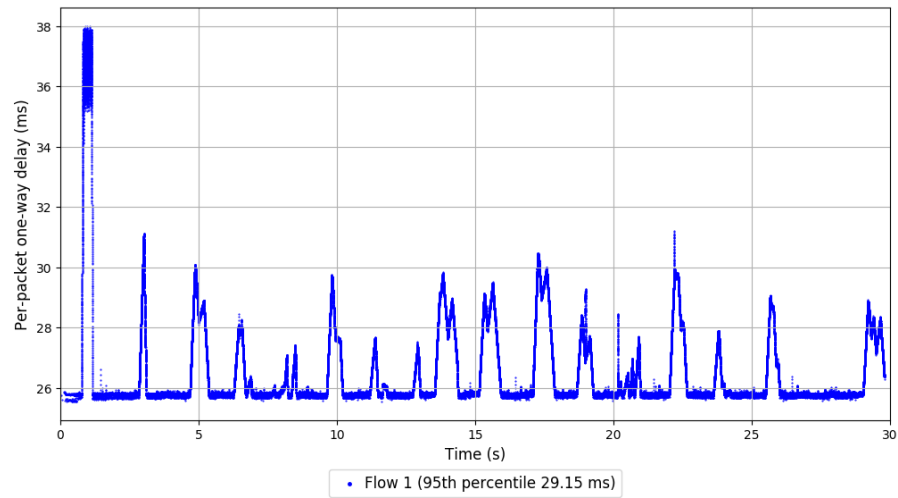
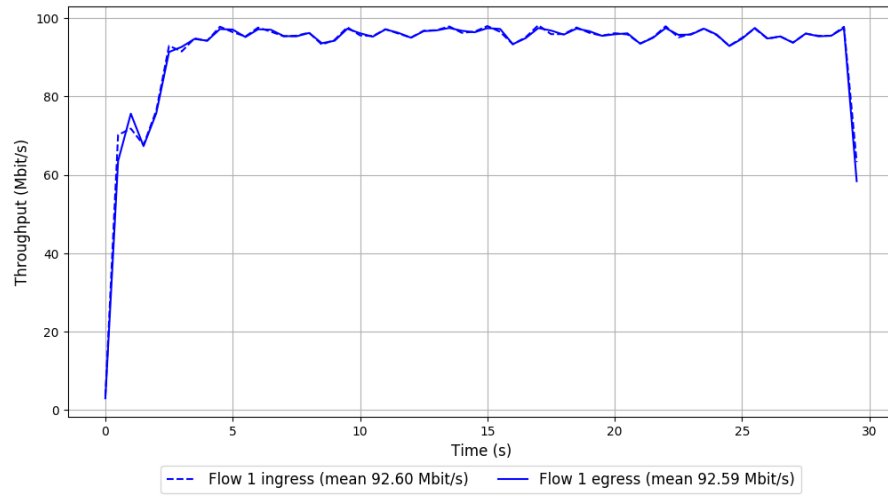
-- Flow 1:

Average throughput: 92.59 Mbit/s

95th percentile per-packet one-way delay: 29.153 ms

Loss rate: 0.19%

### Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-12-11 12:27:19

End at: 2017-12-11 12:27:49

Local clock offset: 2.245 ms

Remote clock offset: 0.038 ms

# Below is generated by plot.py at 2017-12-11 17:13:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.50 Mbit/s

95th percentile per-packet one-way delay: 31.473 ms

Loss rate: 0.34%

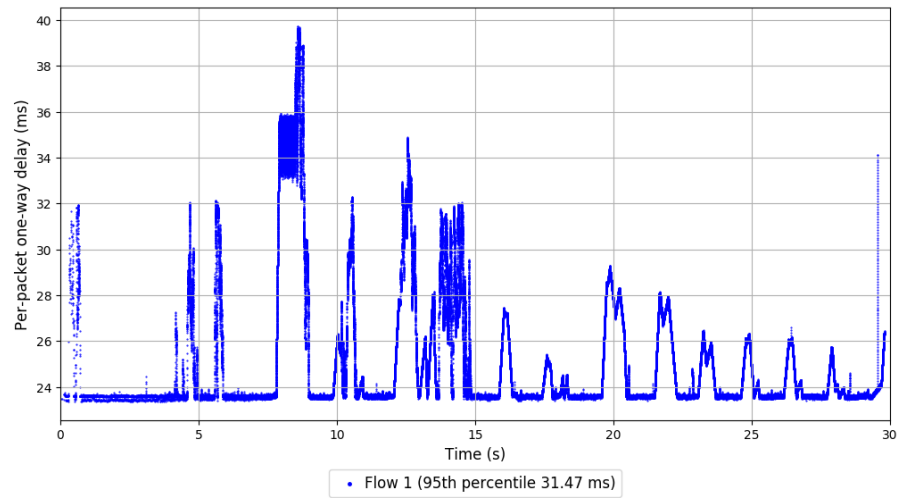
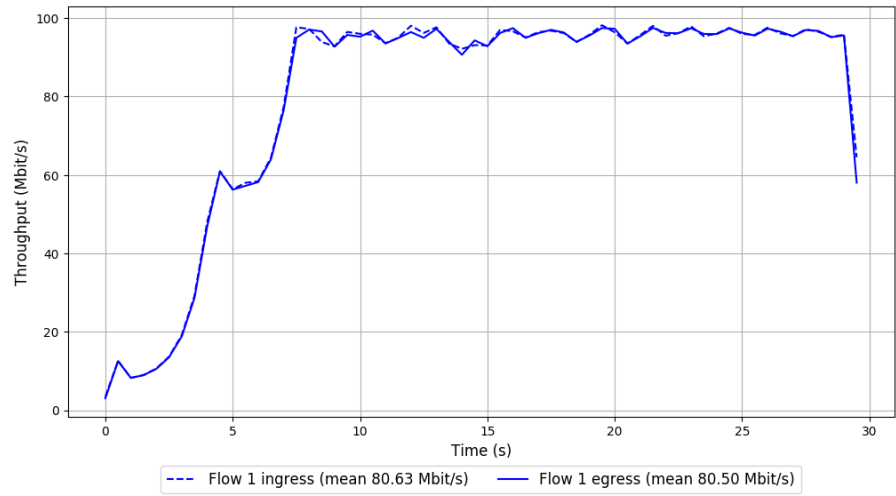
-- Flow 1:

Average throughput: 80.50 Mbit/s

95th percentile per-packet one-way delay: 31.473 ms

Loss rate: 0.34%

## Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-12-11 12:45:59

End at: 2017-12-11 12:46:29

Local clock offset: 1.761 ms

Remote clock offset: 0.46 ms

# Below is generated by plot.py at 2017-12-11 17:13:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.30 Mbit/s

95th percentile per-packet one-way delay: 28.314 ms

Loss rate: 0.22%

-- Flow 1:

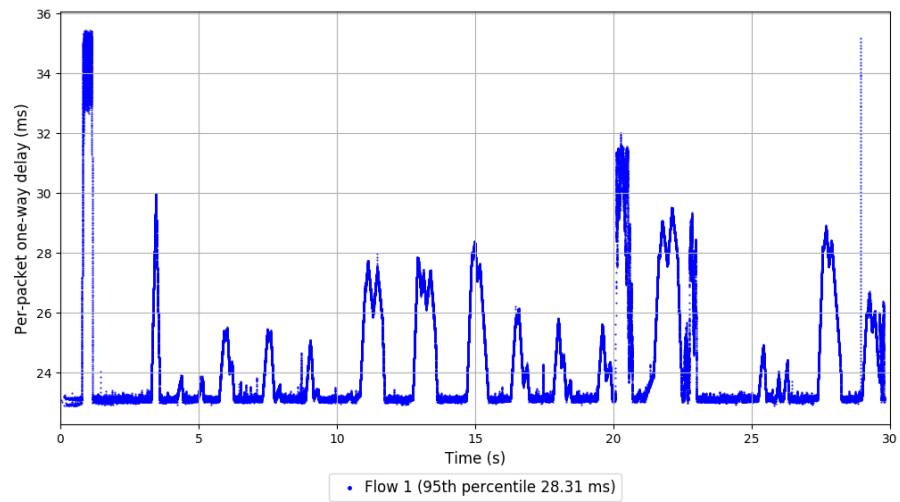
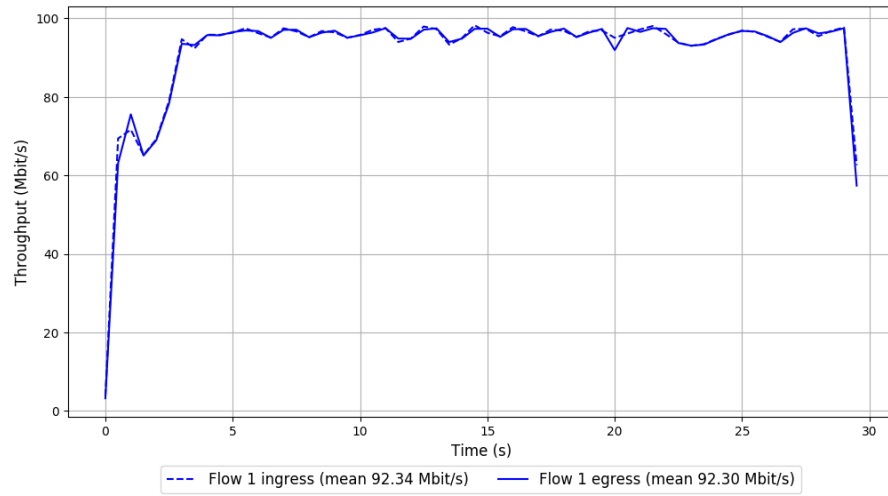
Average throughput: 92.30 Mbit/s

95th percentile per-packet one-way delay: 28.314 ms

Loss rate: 0.22%



### Run 7: Report of PCC — Data Link

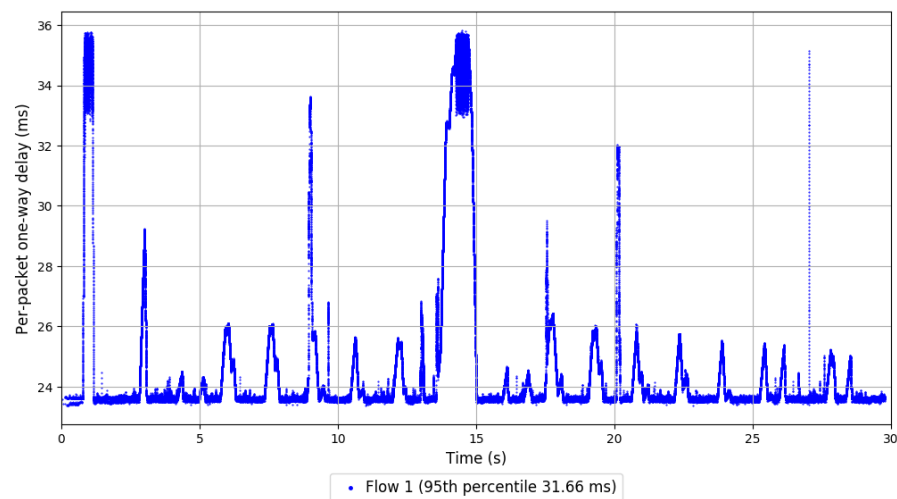
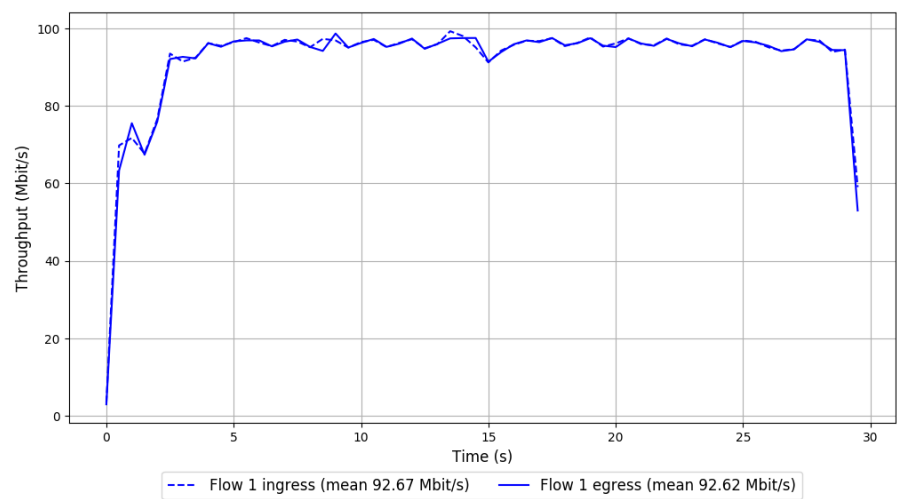


Run 8: Statistics of PCC

Start at: 2017-12-11 13:04:33  
End at: 2017-12-11 13:05:03  
Local clock offset: 1.658 ms  
Remote clock offset: -0.144 ms

# Below is generated by plot.py at 2017-12-11 17:13:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.62 Mbit/s  
95th percentile per-packet one-way delay: 31.657 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 92.62 Mbit/s  
95th percentile per-packet one-way delay: 31.657 ms  
Loss rate: 0.23%

Run 8: Report of PCC — Data Link

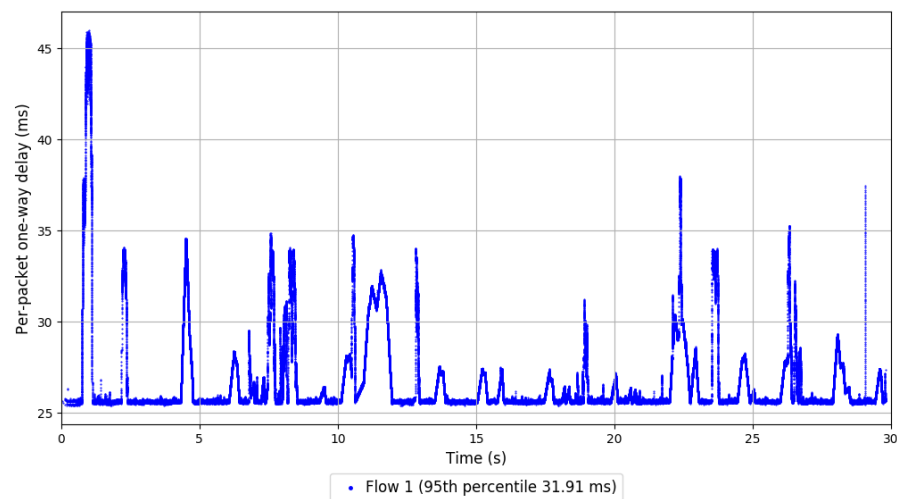
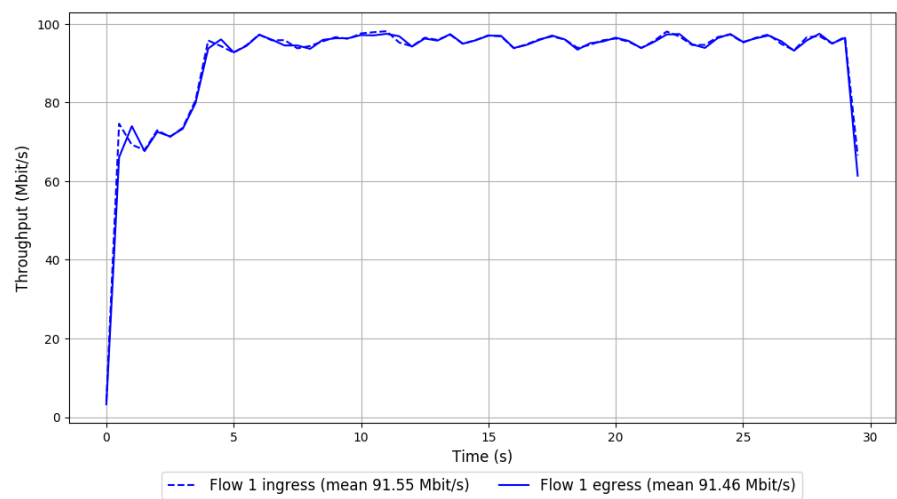


Run 9: Statistics of PCC

Start at: 2017-12-11 13:23:19  
End at: 2017-12-11 13:23:49  
Local clock offset: 1.432 ms  
Remote clock offset: -2.399 ms

# Below is generated by plot.py at 2017-12-11 17:14:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.46 Mbit/s  
95th percentile per-packet one-way delay: 31.905 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 91.46 Mbit/s  
95th percentile per-packet one-way delay: 31.905 ms  
Loss rate: 0.27%

Run 9: Report of PCC — Data Link

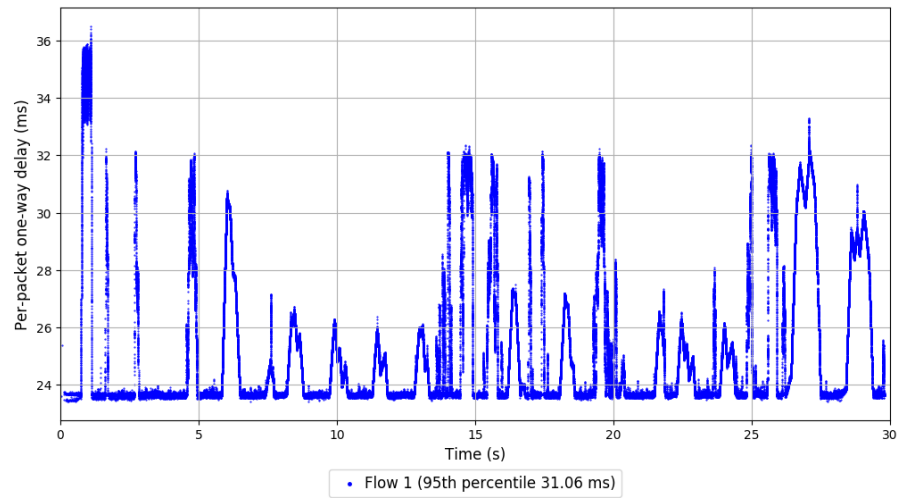
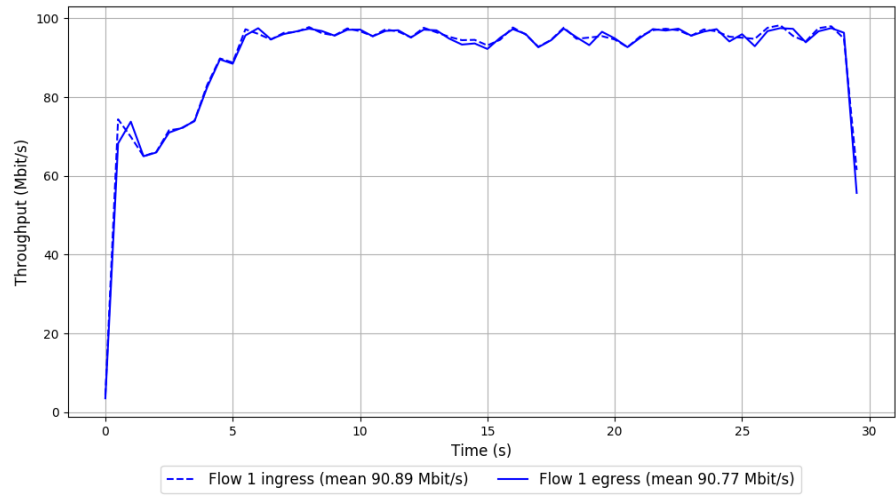


Run 10: Statistics of PCC

Start at: 2017-12-11 13:42:08  
End at: 2017-12-11 13:42:38  
Local clock offset: 1.408 ms  
Remote clock offset: -0.433 ms

# Below is generated by plot.py at 2017-12-11 17:14:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.77 Mbit/s  
95th percentile per-packet one-way delay: 31.061 ms  
Loss rate: 0.31%  
-- Flow 1:  
Average throughput: 90.77 Mbit/s  
95th percentile per-packet one-way delay: 31.061 ms  
Loss rate: 0.31%

### Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-12-11 11:01:51

End at: 2017-12-11 11:02:21

Local clock offset: 3.762 ms

Remote clock offset: -3.446 ms

# Below is generated by plot.py at 2017-12-11 17:14:22

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.95 Mbit/s

95th percentile per-packet one-way delay: 37.247 ms

Loss rate: 0.25%

-- Flow 1:

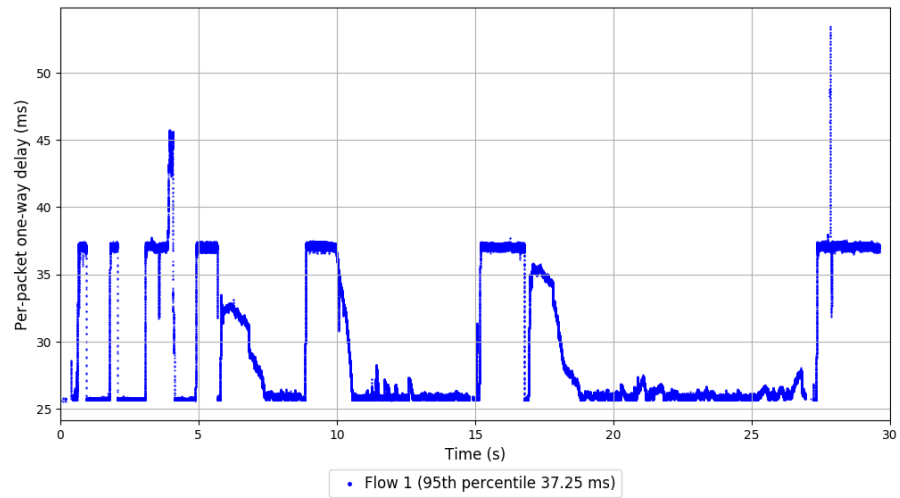
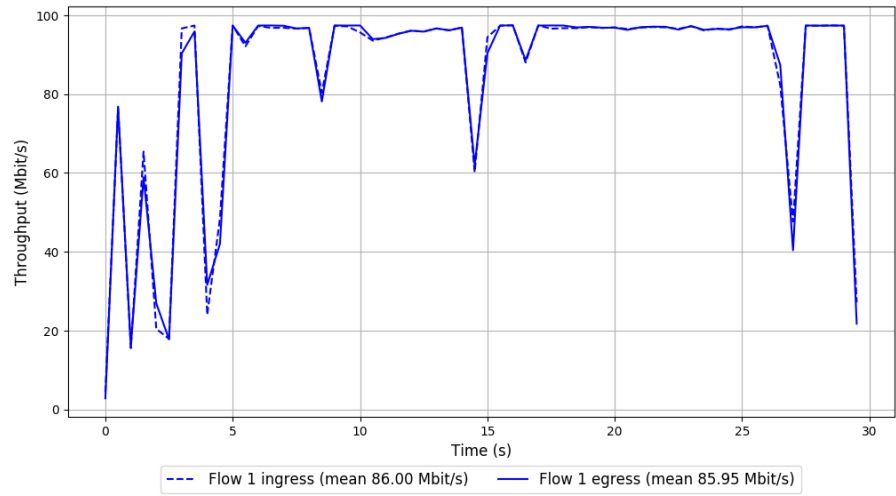
Average throughput: 85.95 Mbit/s

95th percentile per-packet one-way delay: 37.247 ms

Loss rate: 0.25%



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



Run 2: Statistics of QUIC Cubic

Start at: 2017-12-11 11:20:33

End at: 2017-12-11 11:21:03

Local clock offset: 3.285 ms

Remote clock offset: -1.234 ms

# Below is generated by plot.py at 2017-12-11 17:14:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.56 Mbit/s

95th percentile per-packet one-way delay: 35.408 ms

Loss rate: 0.29%

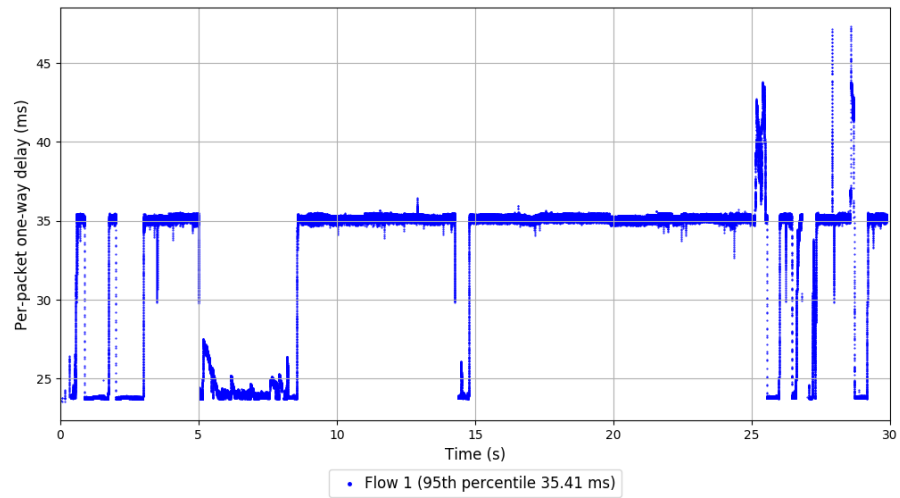
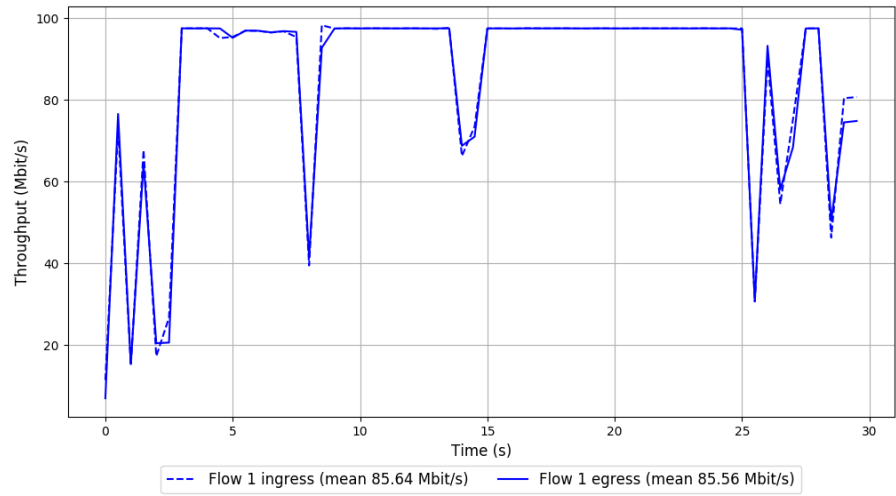
-- Flow 1:

Average throughput: 85.56 Mbit/s

95th percentile per-packet one-way delay: 35.408 ms

Loss rate: 0.29%

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



Run 3: Statistics of QUIC Cubic

Start at: 2017-12-11 11:39:08

End at: 2017-12-11 11:39:38

Local clock offset: 2.493 ms

Remote clock offset: -3.117 ms

# Below is generated by plot.py at 2017-12-11 17:14:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.36 Mbit/s

95th percentile per-packet one-way delay: 37.261 ms

Loss rate: 0.29%

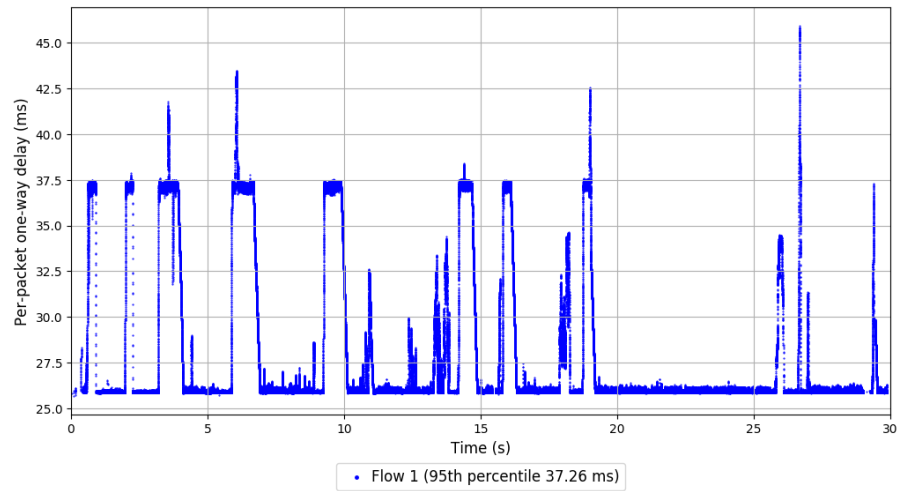
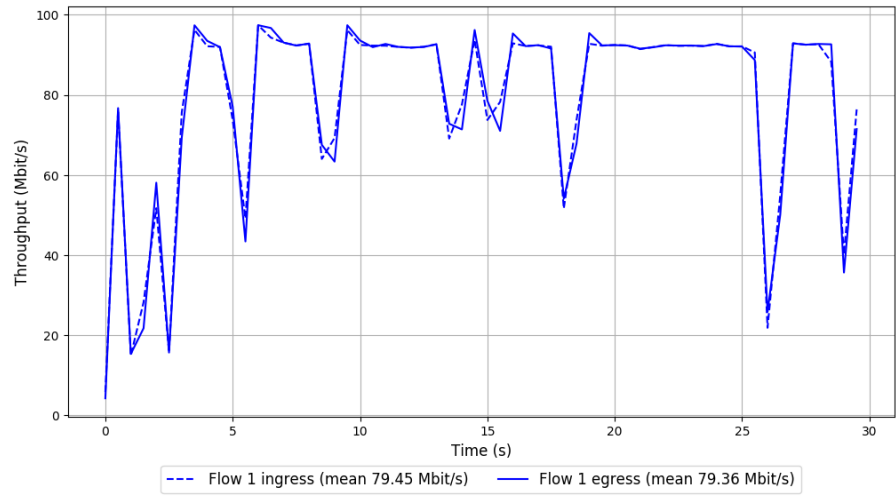
-- Flow 1:

Average throughput: 79.36 Mbit/s

95th percentile per-packet one-way delay: 37.261 ms

Loss rate: 0.29%

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



Run 4: Statistics of QUIC Cubic

Start at: 2017-12-11 11:58:02

End at: 2017-12-11 11:58:33

Local clock offset: 2.264 ms

Remote clock offset: -0.634 ms

# Below is generated by plot.py at 2017-12-11 17:15:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.99 Mbit/s

95th percentile per-packet one-way delay: 35.030 ms

Loss rate: 0.19%

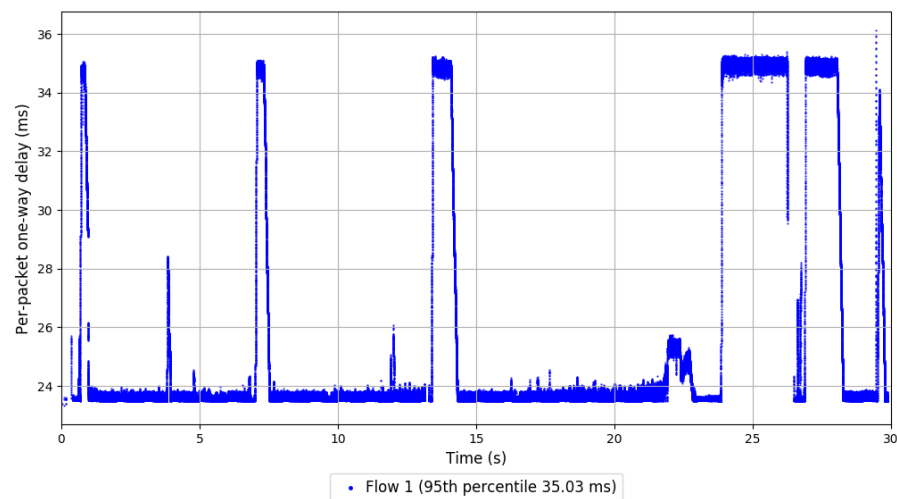
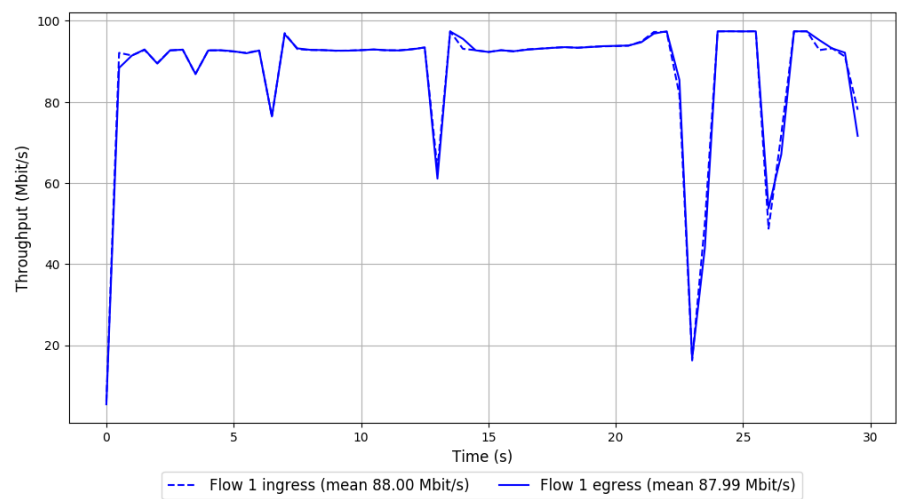
-- Flow 1:

Average throughput: 87.99 Mbit/s

95th percentile per-packet one-way delay: 35.030 ms

Loss rate: 0.19%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-12-11 12:16:35

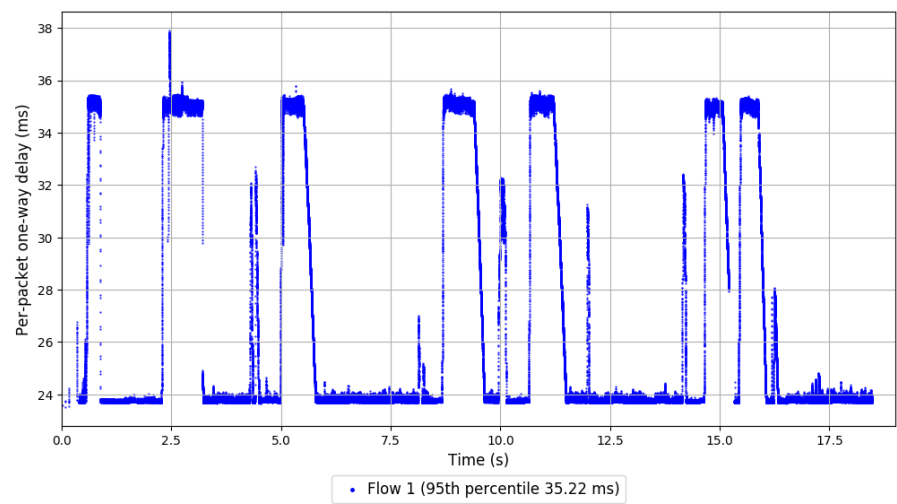
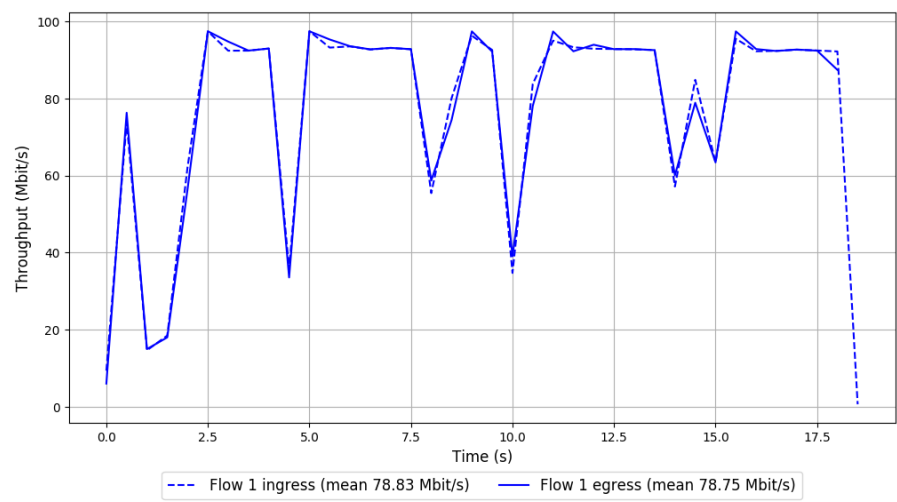
End at: 2017-12-11 12:17:05

Local clock offset: 2.394 ms

Remote clock offset: -0.238 ms



Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-12-11 12:35:09

End at: 2017-12-11 12:35:39

Local clock offset: 2.049 ms

Remote clock offset: 0.063 ms

# Below is generated by plot.py at 2017-12-11 17:15:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.83 Mbit/s

95th percentile per-packet one-way delay: 33.520 ms

Loss rate: 0.36%

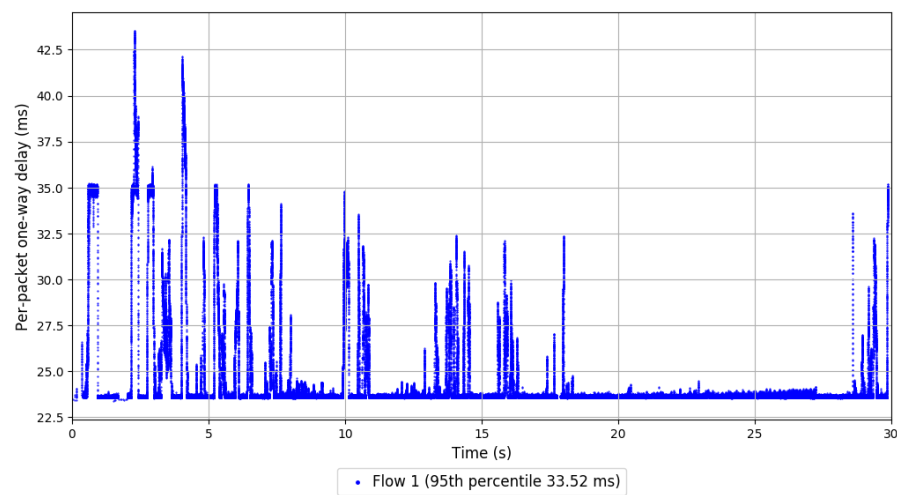
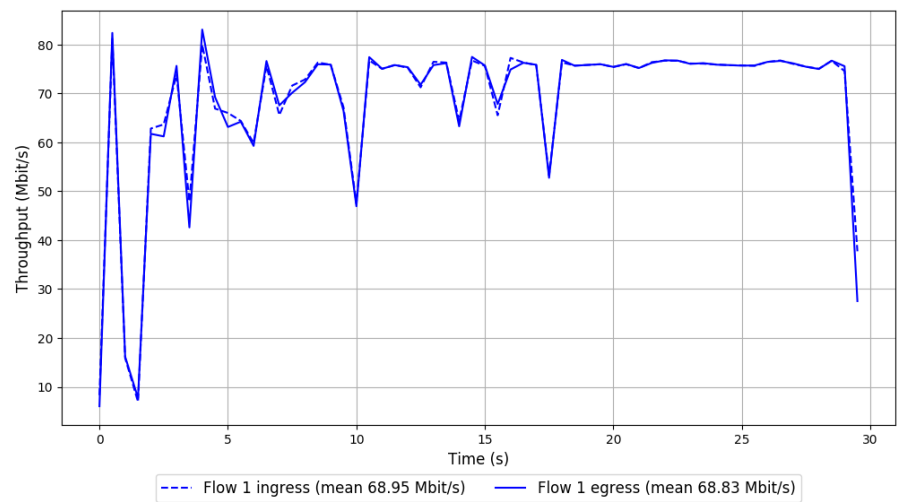
-- Flow 1:

Average throughput: 68.83 Mbit/s

95th percentile per-packet one-way delay: 33.520 ms

Loss rate: 0.36%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-12-11 12:53:50

End at: 2017-12-11 12:54:20

Local clock offset: 1.716 ms

Remote clock offset: -0.163 ms

# Below is generated by plot.py at 2017-12-11 17:15:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.87 Mbit/s

95th percentile per-packet one-way delay: 35.126 ms

Loss rate: 0.39%

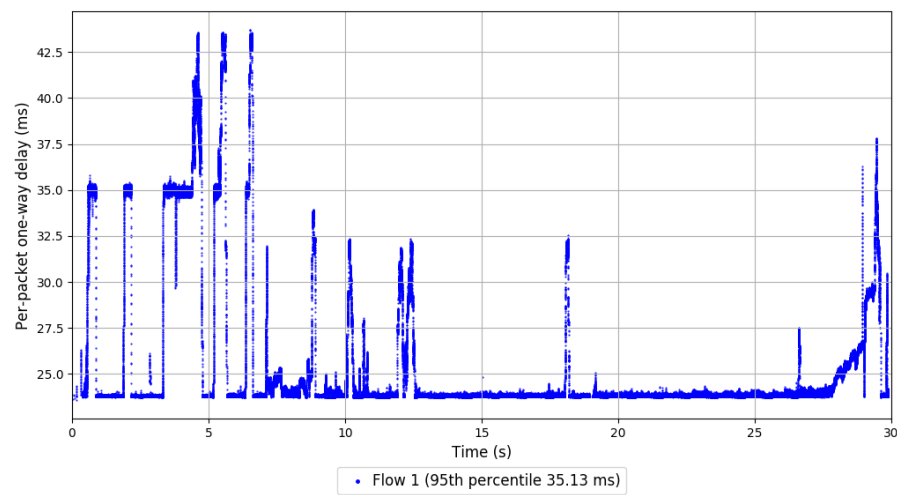
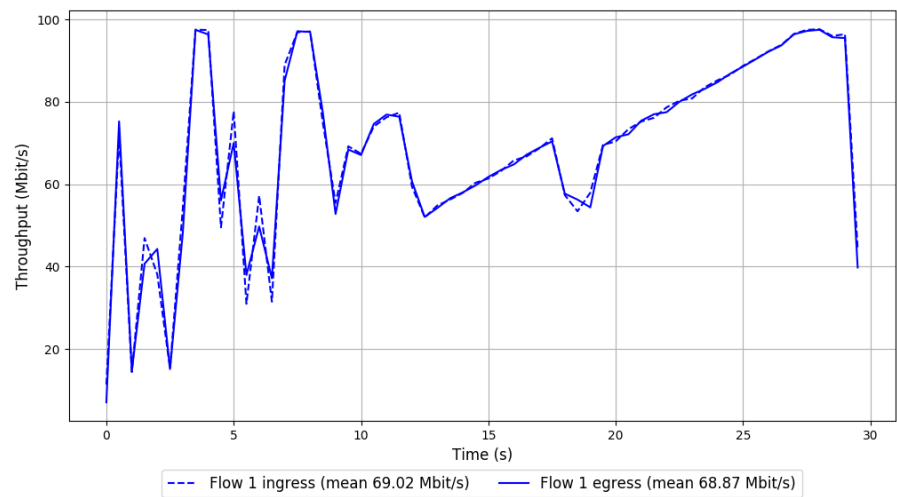
-- Flow 1:

Average throughput: 68.87 Mbit/s

95th percentile per-packet one-way delay: 35.126 ms

Loss rate: 0.39%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-12-11 13:12:25

End at: 2017-12-11 13:12:55

Local clock offset: 1.59 ms

Remote clock offset: -0.355 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.65 Mbit/s

95th percentile per-packet one-way delay: 35.201 ms

Loss rate: 0.20%

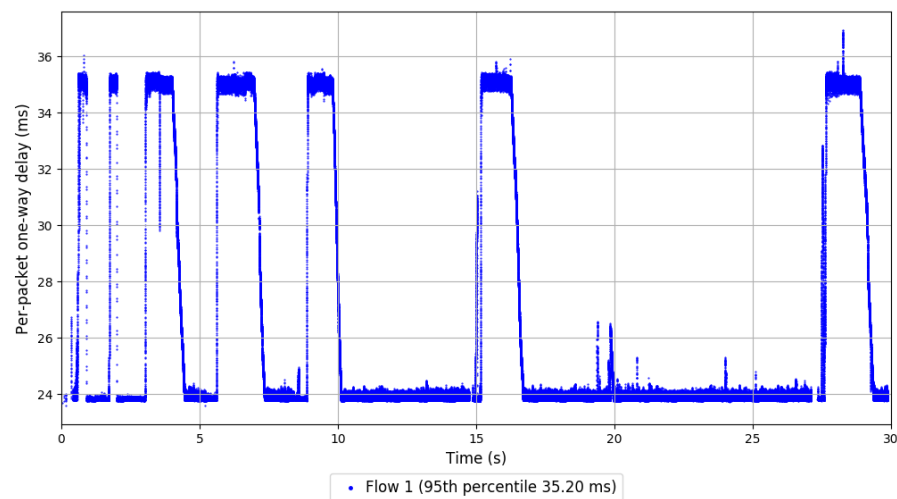
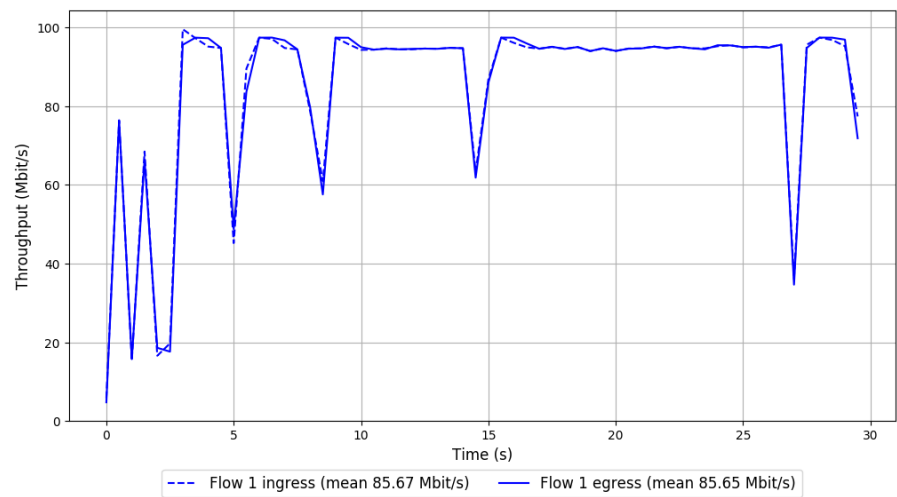
-- Flow 1:

Average throughput: 85.65 Mbit/s

95th percentile per-packet one-way delay: 35.201 ms

Loss rate: 0.20%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-12-11 13:31:16

End at: 2017-12-11 13:31:46

Local clock offset: 1.464 ms

Remote clock offset: -2.505 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.13 Mbit/s

95th percentile per-packet one-way delay: 37.321 ms

Loss rate: 0.34%

-- Flow 1:

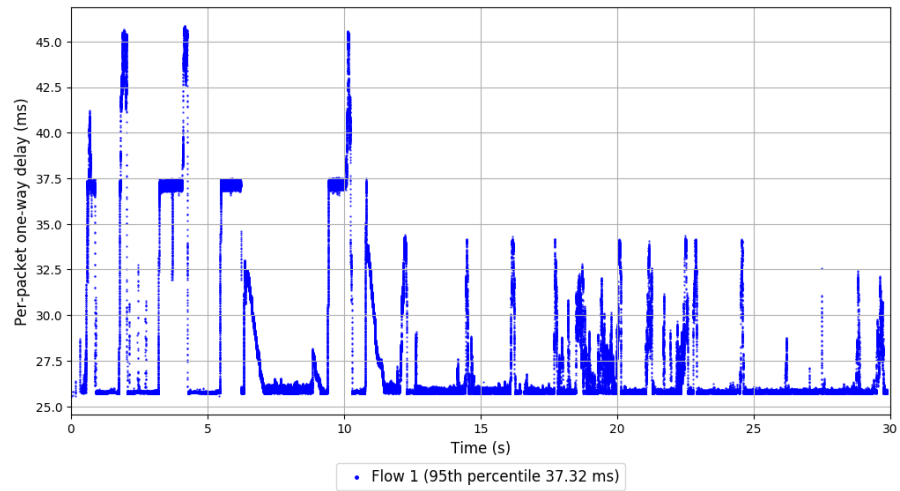
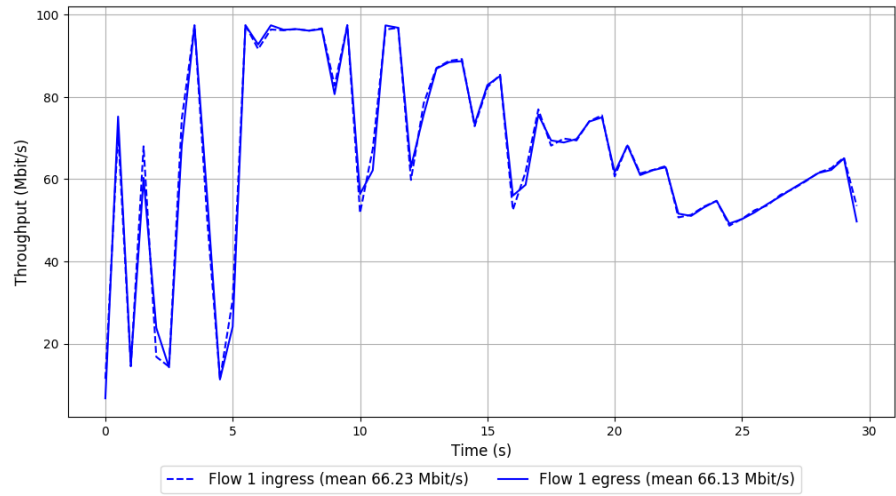
Average throughput: 66.13 Mbit/s

95th percentile per-packet one-way delay: 37.321 ms

Loss rate: 0.34%



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



Run 10: Statistics of QUIC Cubic

Start at: 2017-12-11 13:49:59

End at: 2017-12-11 13:50:29

Local clock offset: 1.439 ms

Remote clock offset: -0.397 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.93 Mbit/s

95th percentile per-packet one-way delay: 34.930 ms

Loss rate: 0.34%

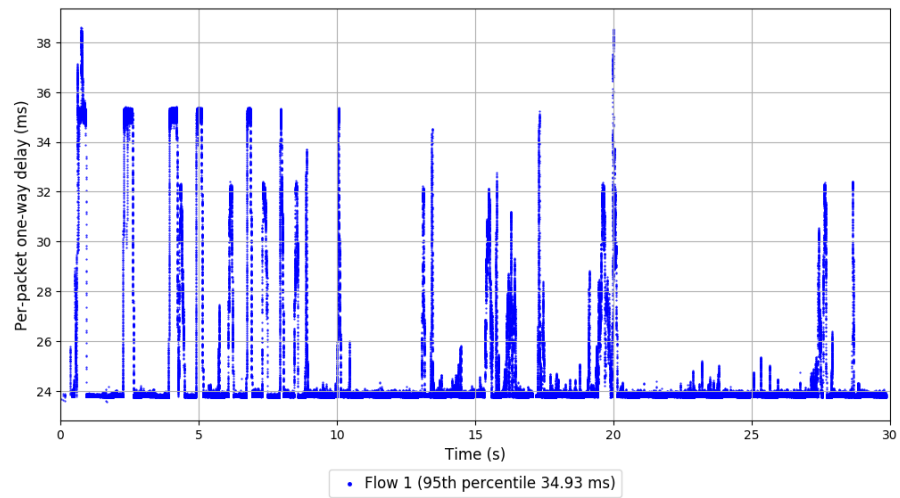
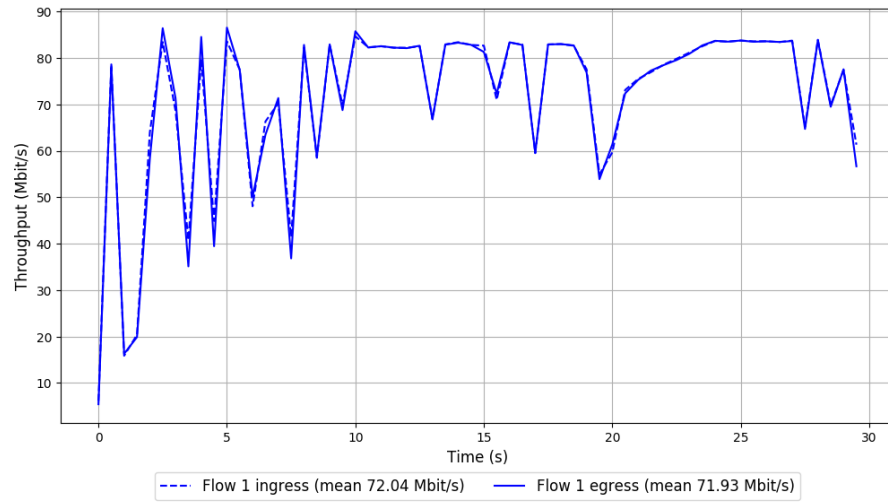
-- Flow 1:

Average throughput: 71.93 Mbit/s

95th percentile per-packet one-way delay: 34.930 ms

Loss rate: 0.34%

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

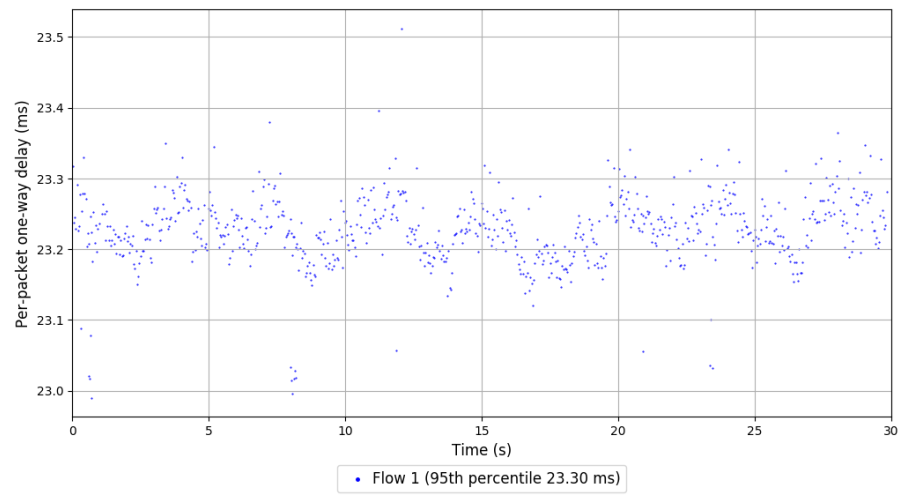
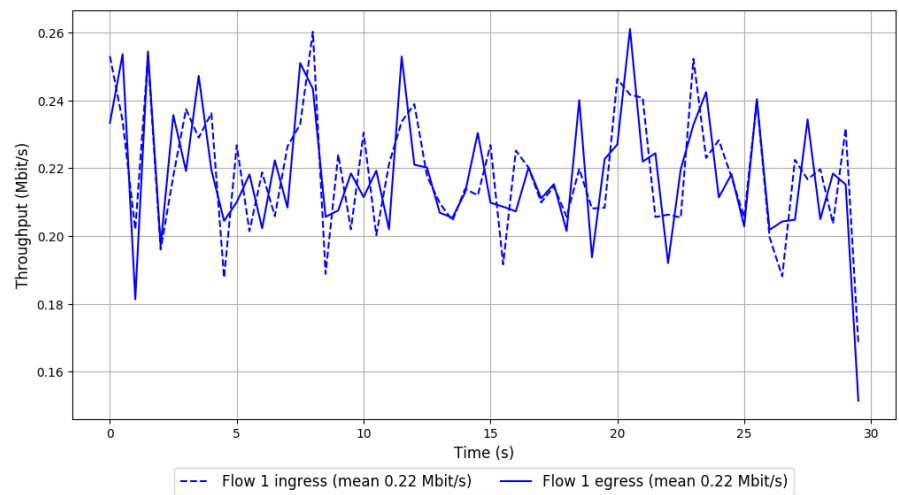


```
Run 1: Statistics of SCReAM

Start at: 2017-12-11 11:03:11
End at: 2017-12-11 11:03:41
Local clock offset: 3.861 ms
Remote clock offset: -0.858 ms

# Below is generated by plot.py at 2017-12-11 17:16:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.301 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.301 ms
Loss rate: 0.25%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2017-12-11 11:21:53

End at: 2017-12-11 11:22:23

Local clock offset: 3.149 ms

Remote clock offset: -3.27 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 25.835 ms

Loss rate: 0.13%

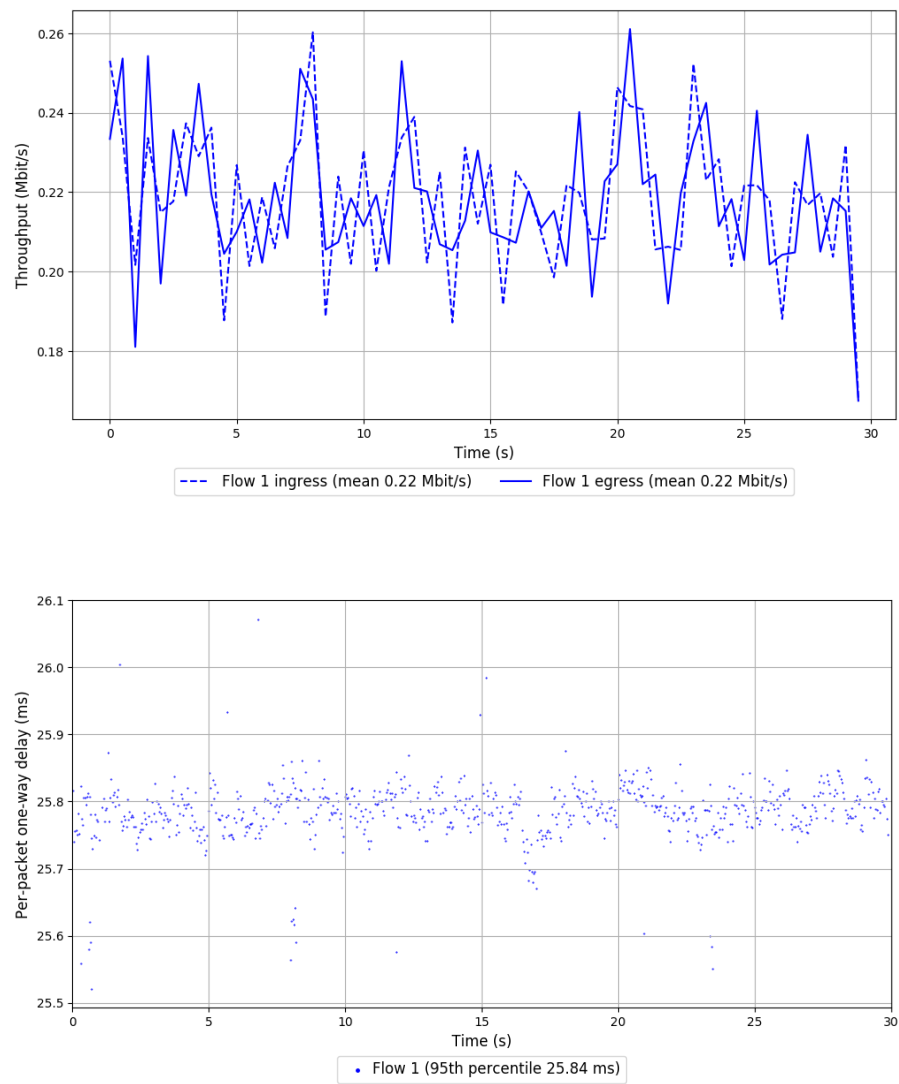
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 25.835 ms

Loss rate: 0.13%

Run 2: Report of SReAM — Data Link



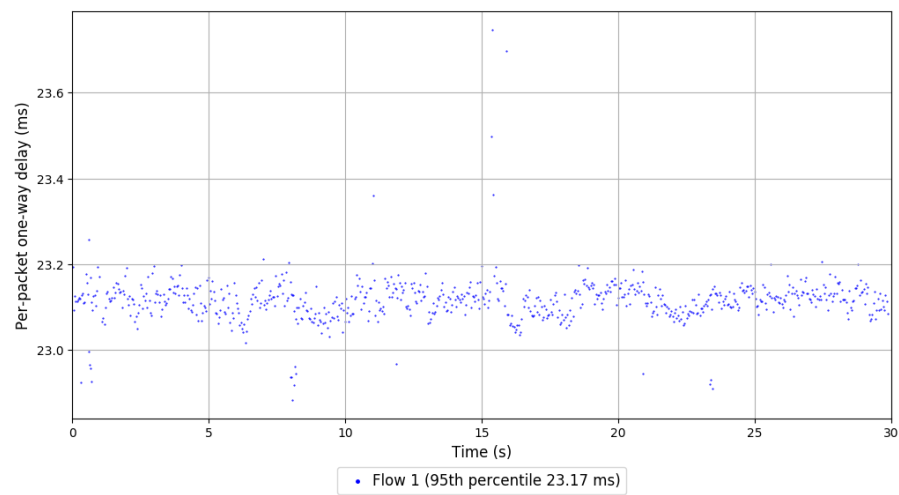
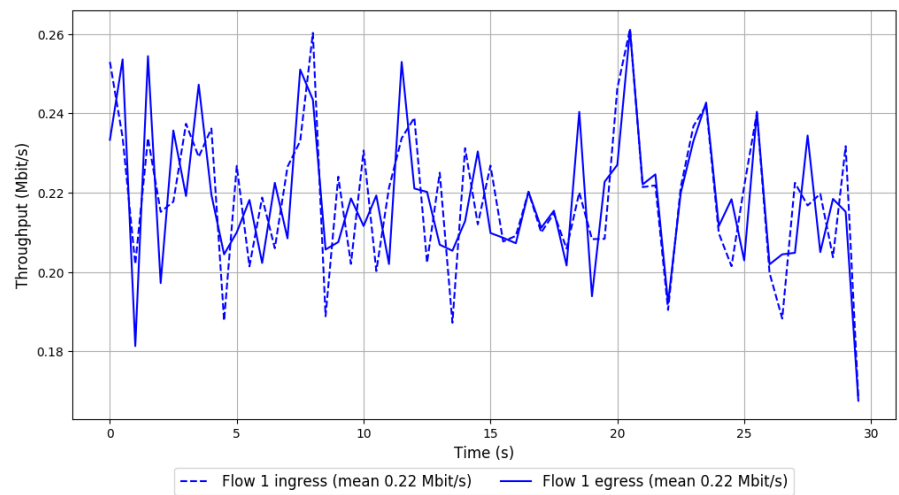
Run 3: Statistics of SCReAM

Start at: 2017-12-11 11:40:28  
End at: 2017-12-11 11:40:58  
Local clock offset: 2.345 ms  
Remote clock offset: -0.469 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.172 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.172 ms  
Loss rate: 0.13%



Run 3: Report of SReAM — Data Link

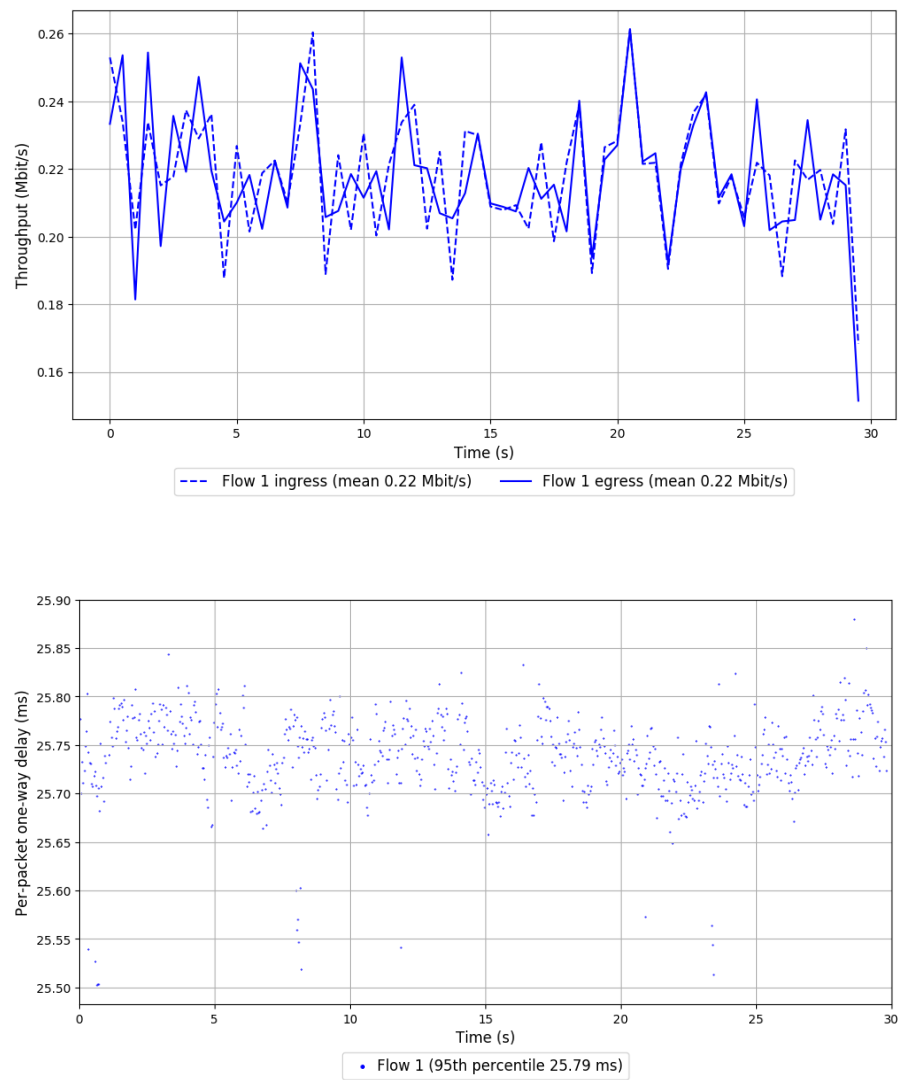


Run 4: Statistics of SCReAM

Start at: 2017-12-11 11:59:24  
End at: 2017-12-11 11:59:54  
Local clock offset: 2.258 ms  
Remote clock offset: -2.773 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 25.792 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 25.792 ms  
Loss rate: 0.25%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2017-12-11 12:17:53

End at: 2017-12-11 12:18:23

Local clock offset: 2.422 ms

Remote clock offset: 0.417 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.18 Mbit/s

95th percentile per-packet one-way delay: 23.209 ms

Loss rate: 0.29%

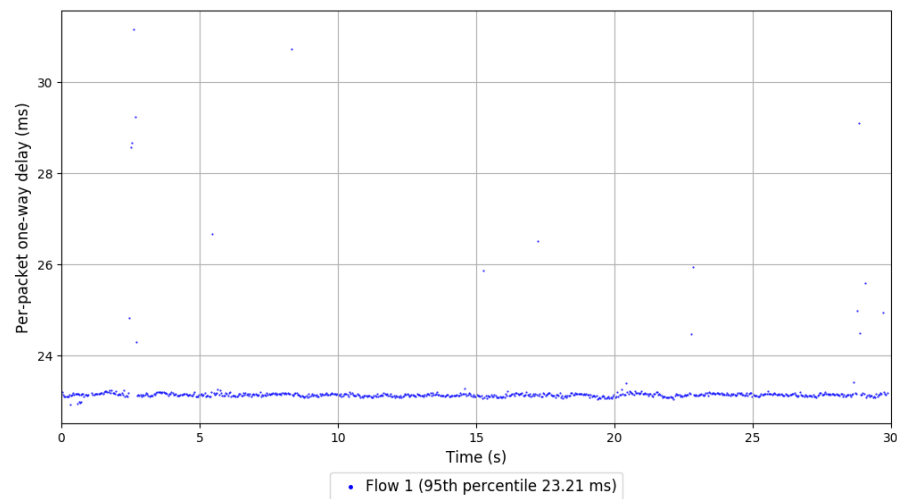
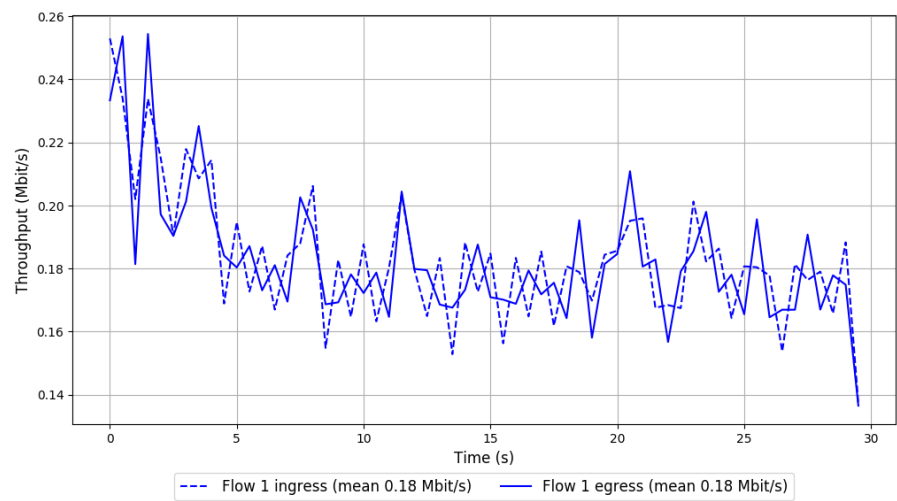
-- Flow 1:

Average throughput: 0.18 Mbit/s

95th percentile per-packet one-way delay: 23.209 ms

Loss rate: 0.29%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-12-11 12:36:28

End at: 2017-12-11 12:36:58

Local clock offset: 2.123 ms

Remote clock offset: 0.51 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.284 ms

Loss rate: 0.25%

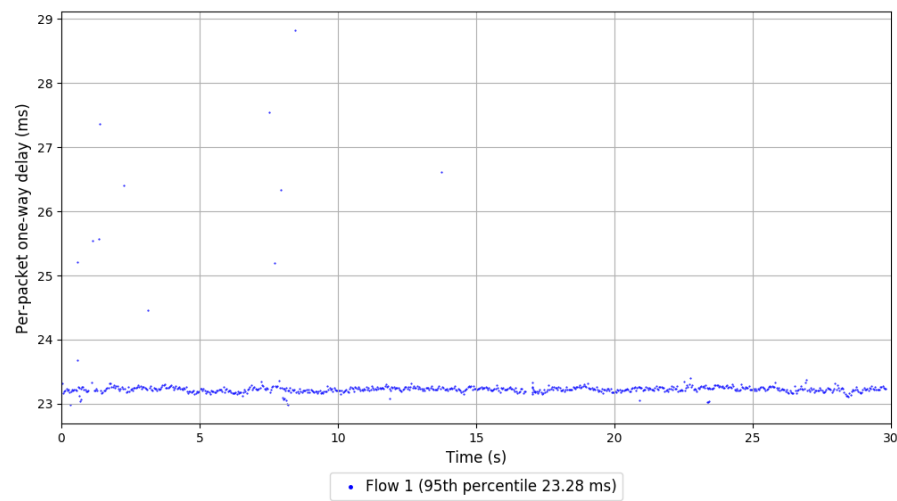
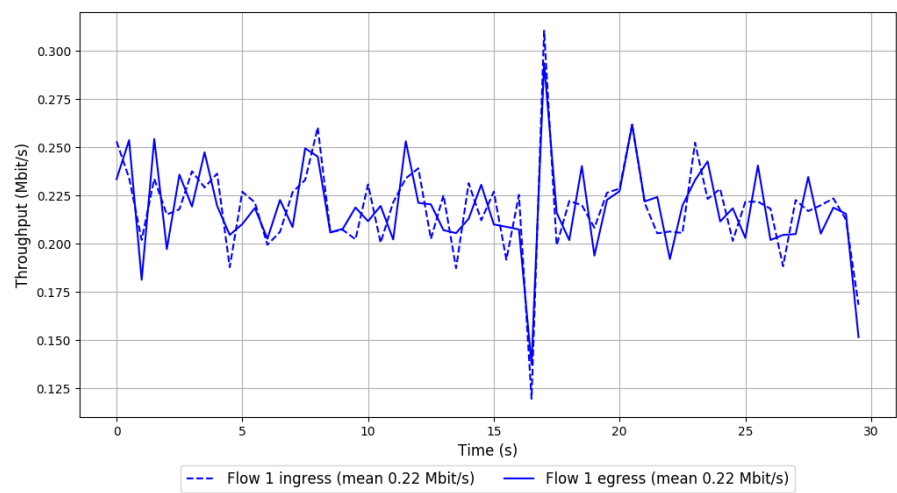
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.284 ms

Loss rate: 0.25%

Run 6: Report of SReAM — Data Link



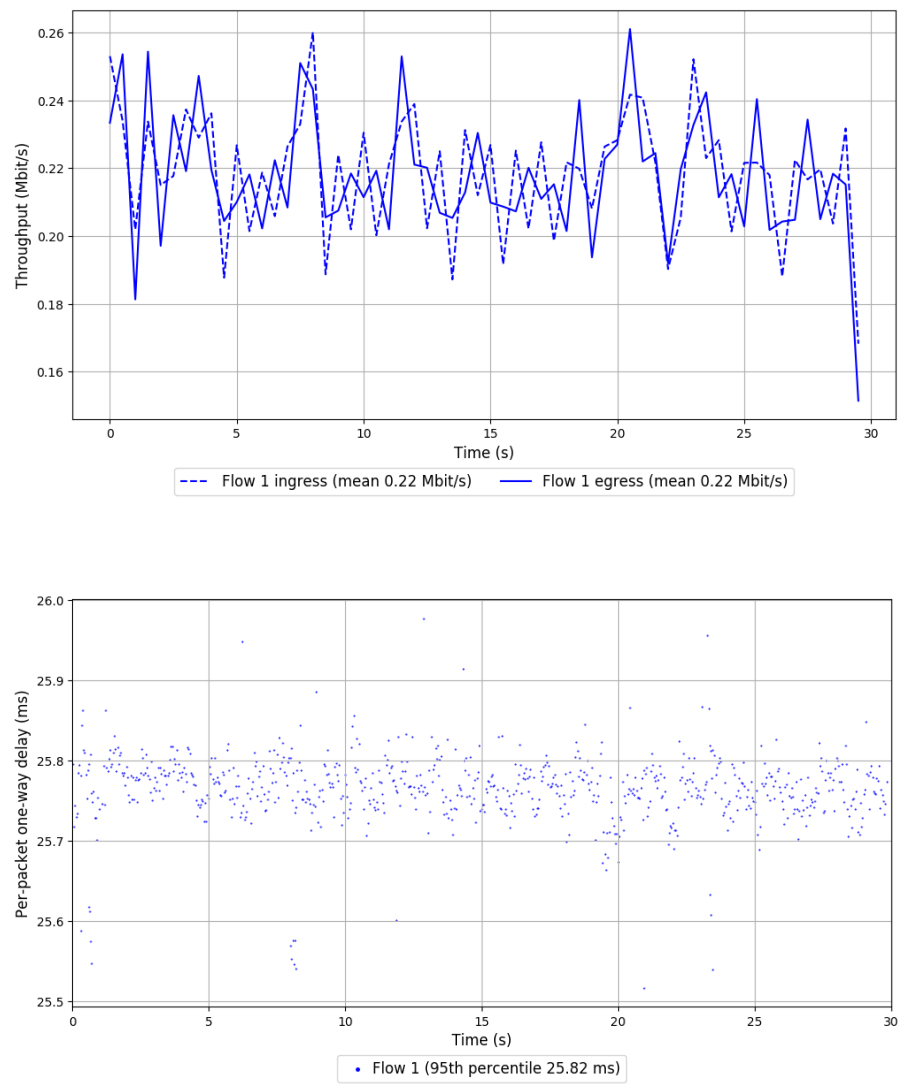
Run 7: Statistics of SCReAM

Start at: 2017-12-11 12:55:10  
End at: 2017-12-11 12:55:40  
Local clock offset: 1.741 ms  
Remote clock offset: -2.115 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 25.819 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 25.819 ms  
Loss rate: 0.25%



Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2017-12-11 13:13:52

End at: 2017-12-11 13:14:22

Local clock offset: 1.482 ms

Remote clock offset: -2.35 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 25.793 ms

Loss rate: 0.25%

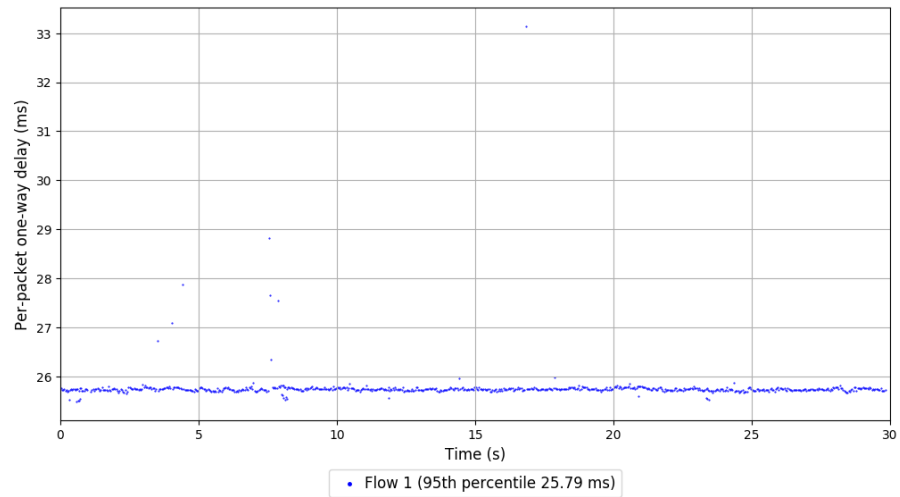
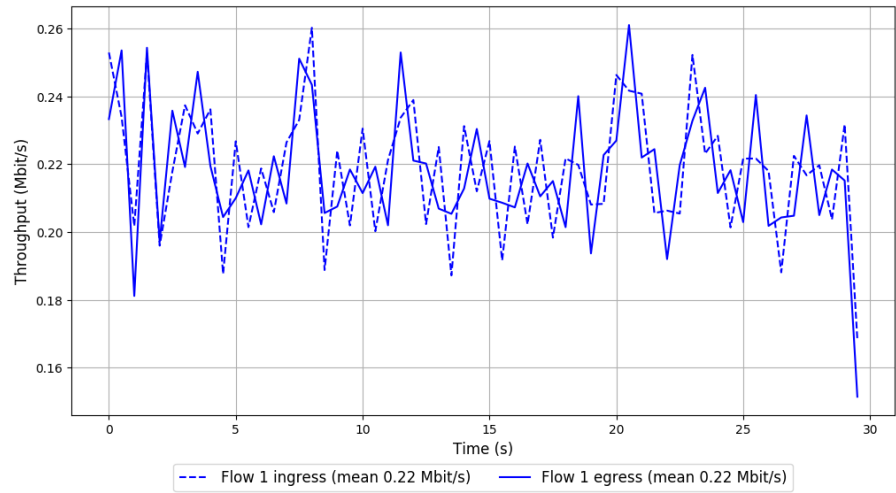
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 25.793 ms

Loss rate: 0.25%

## Run 8: Report of SCRaM — Data Link



Run 9: Statistics of SCReAM

Start at: 2017-12-11 13:32:36

End at: 2017-12-11 13:33:06

Local clock offset: 1.449 ms

Remote clock offset: -2.43 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 25.773 ms

Loss rate: 0.25%

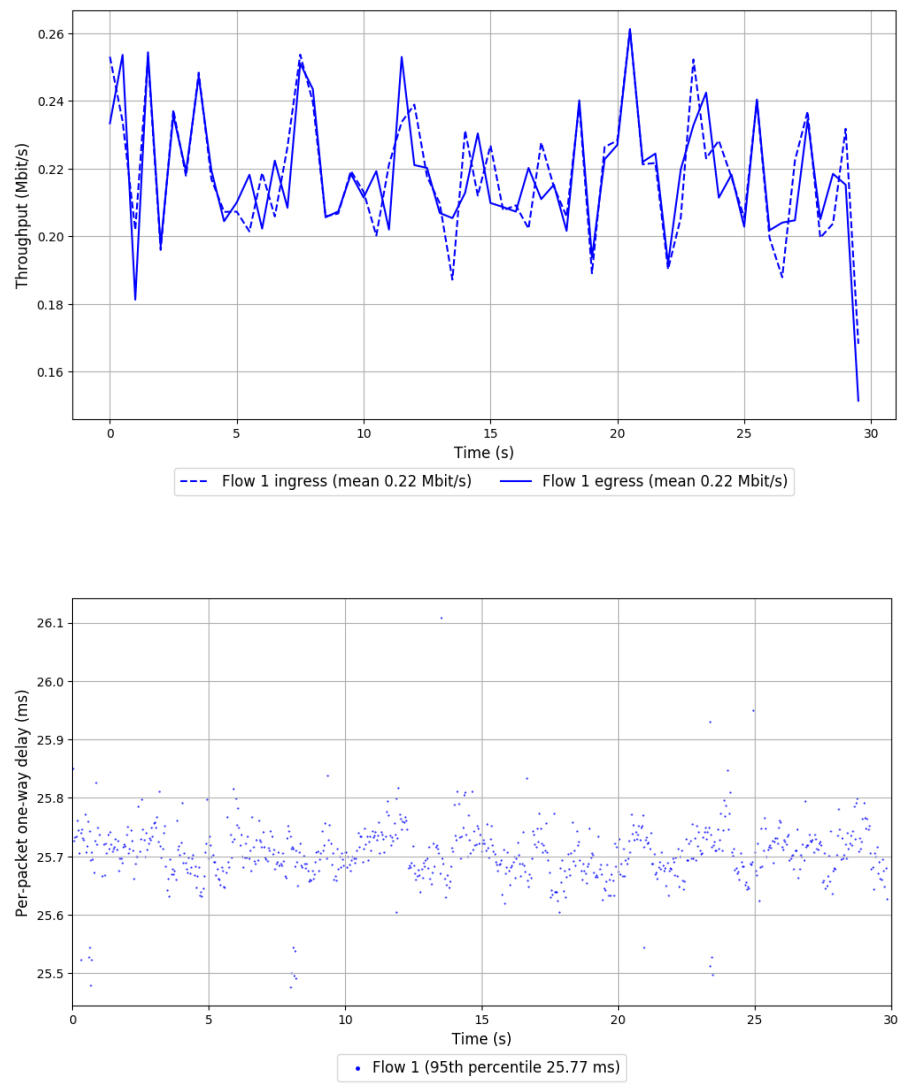
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 25.773 ms

Loss rate: 0.25%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2017-12-11 13:51:19

End at: 2017-12-11 13:51:49

Local clock offset: 1.329 ms

Remote clock offset: 0.074 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.297 ms

Loss rate: 0.25%

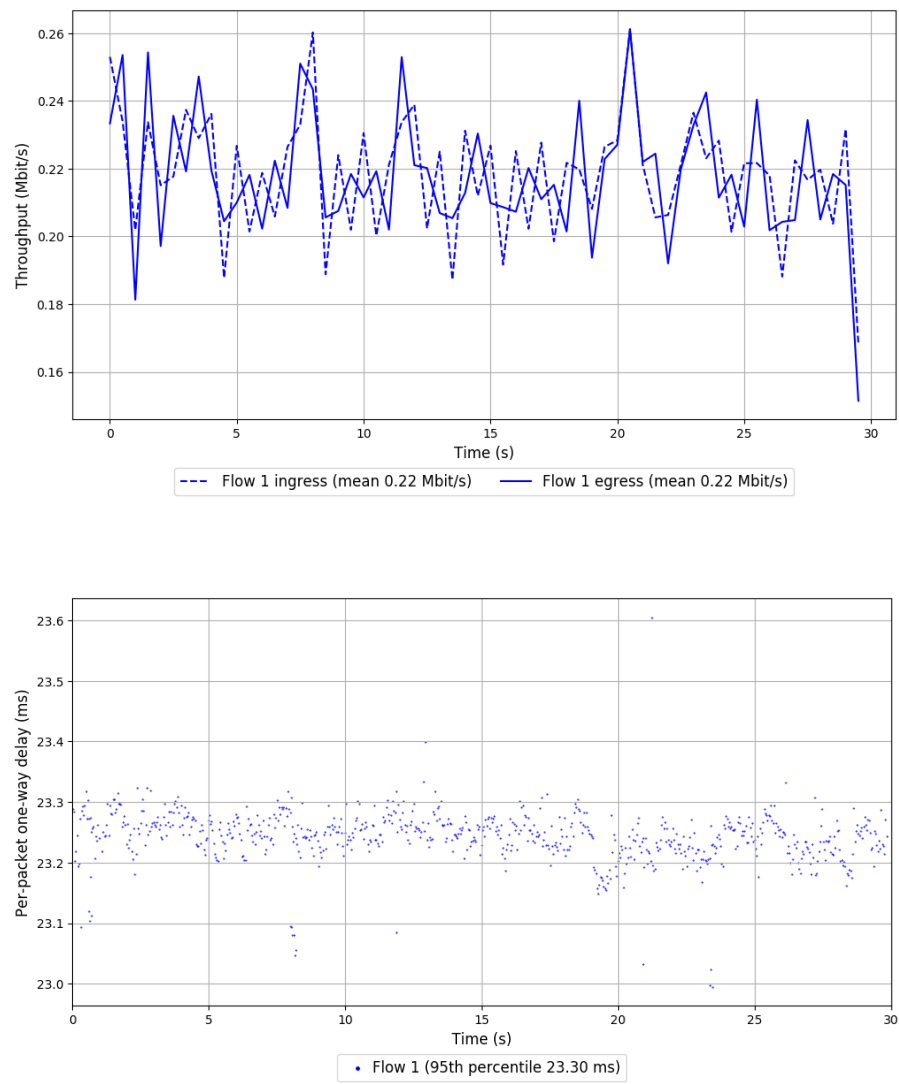
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.297 ms

Loss rate: 0.25%

Run 10: Report of SReAM — Data Link



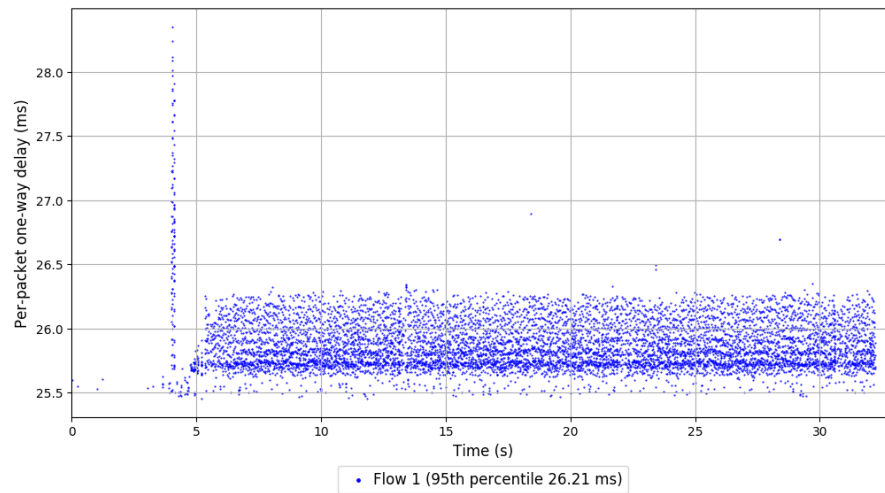
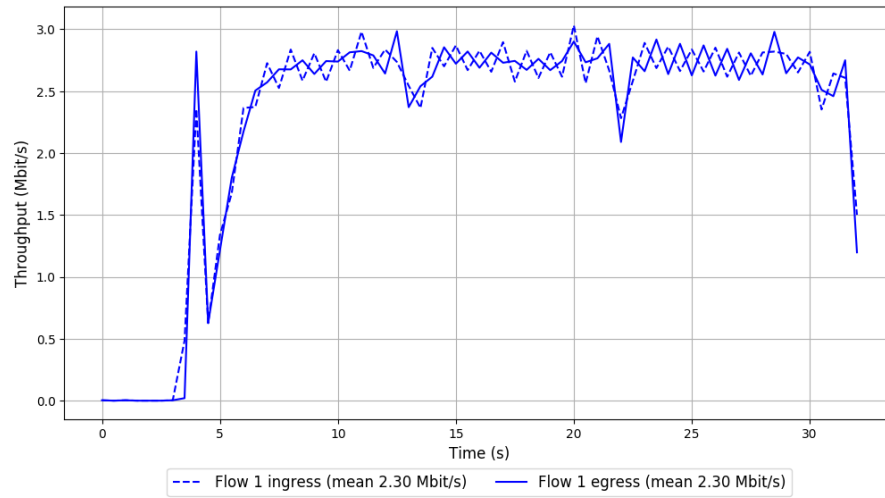
Run 1: Statistics of WebRTC media

Start at: 2017-12-11 10:56:36  
End at: 2017-12-11 10:57:06  
Local clock offset: 3.878 ms  
Remote clock offset: -3.377 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 26.206 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 26.206 ms  
Loss rate: 0.26%



# Run 1: Report of WebRTC media — Data Link

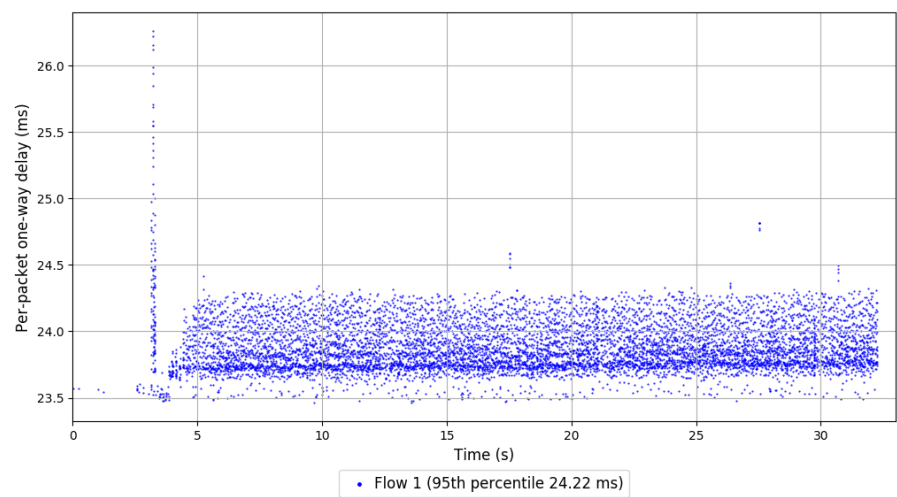
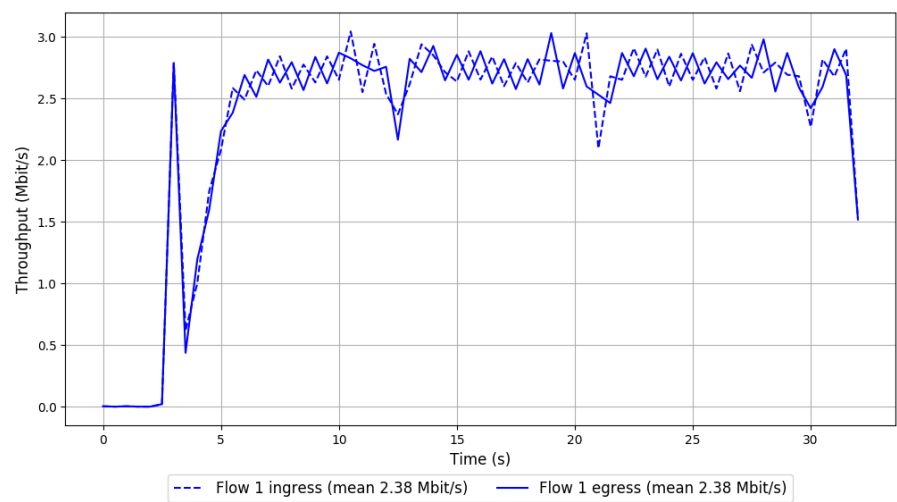


Run 2: Statistics of WebRTC media

Start at: 2017-12-11 11:15:19  
End at: 2017-12-11 11:15:49  
Local clock offset: 3.526 ms  
Remote clock offset: -1.265 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 24.217 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 24.217 ms  
Loss rate: 0.14%

Run 2: Report of WebRTC media — Data Link

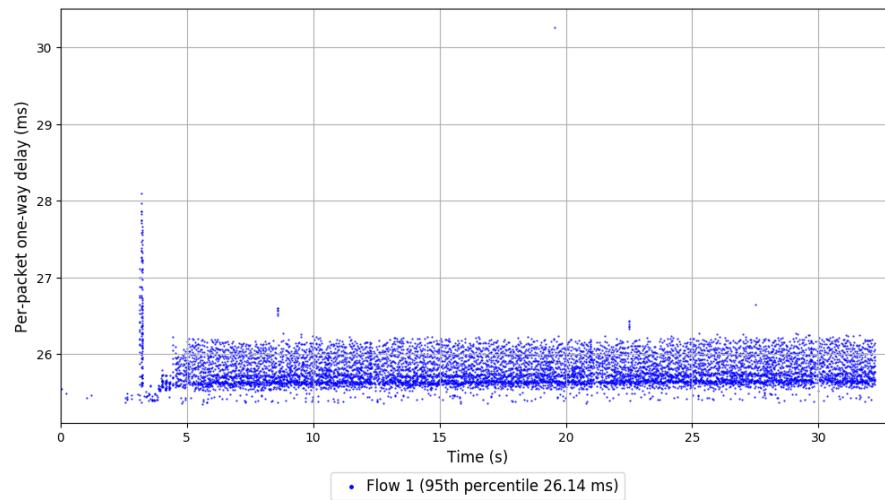
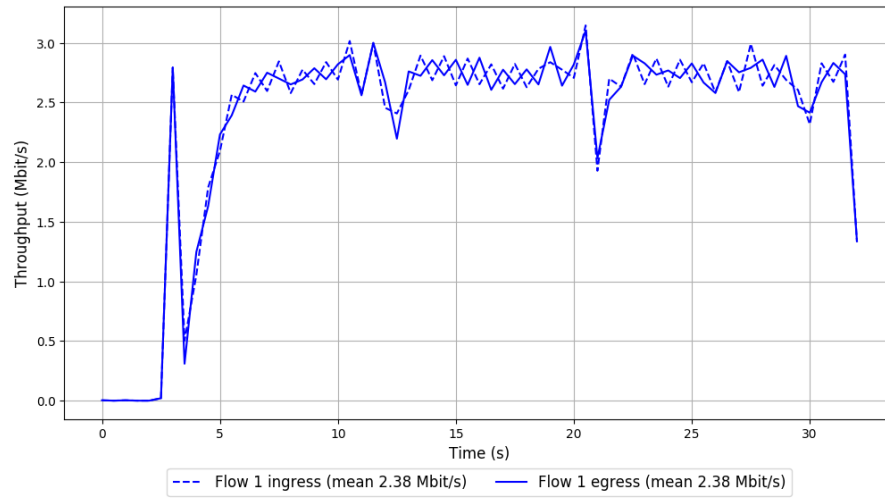


Run 3: Statistics of WebRTC media

Start at: 2017-12-11 11:33:54  
End at: 2017-12-11 11:34:24  
Local clock offset: 2.64 ms  
Remote clock offset: -3.022 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 26.142 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 26.142 ms  
Loss rate: 0.14%

### Run 3: Report of WebRTC media — Data Link

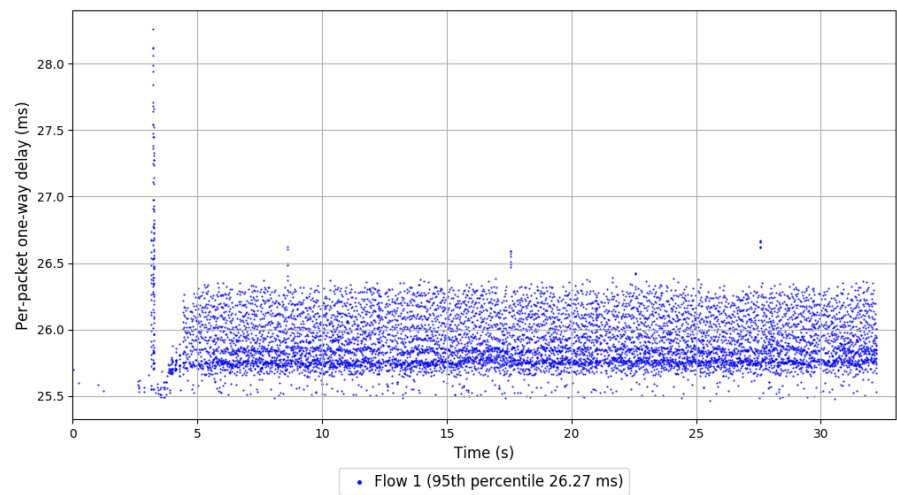
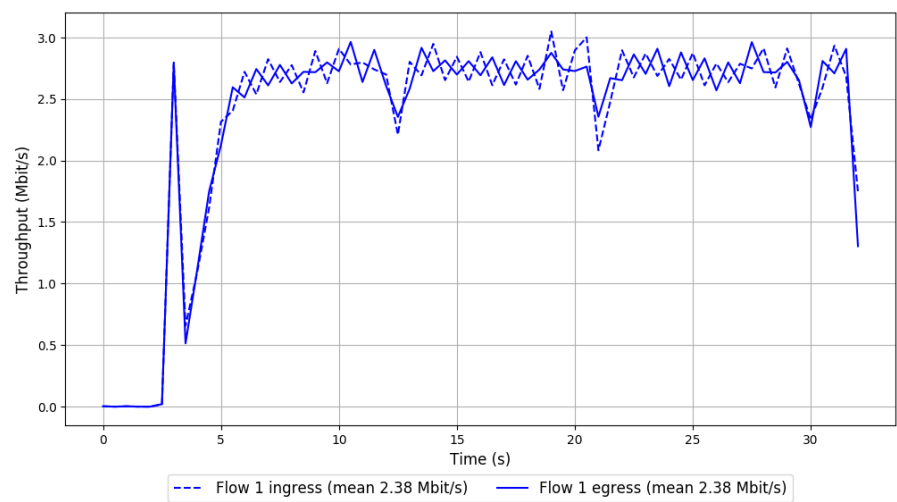


Run 4: Statistics of WebRTC media

Start at: 2017-12-11 11:52:47  
End at: 2017-12-11 11:53:17  
Local clock offset: 2.281 ms  
Remote clock offset: -2.892 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 26.273 ms  
Loss rate: 0.29%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 26.273 ms  
Loss rate: 0.29%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-12-11 12:11:22

End at: 2017-12-11 12:11:52

Local clock offset: 2.316 ms

Remote clock offset: 0.16 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 23.609 ms

Loss rate: 0.19%

-- Flow 1:

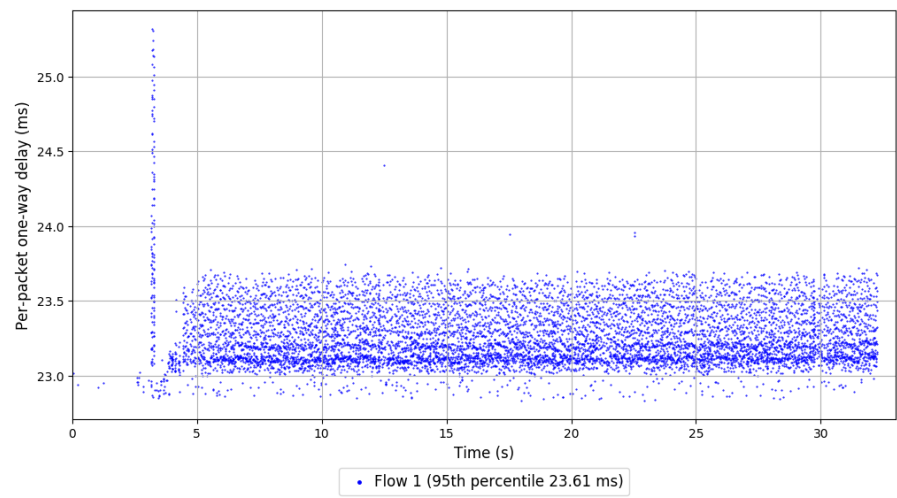
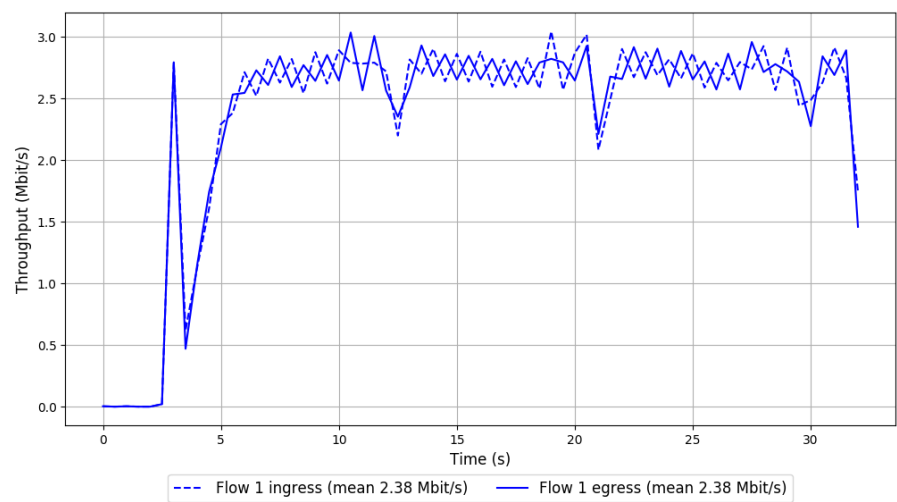
Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 23.609 ms

Loss rate: 0.19%



Run 5: Report of WebRTC media — Data Link

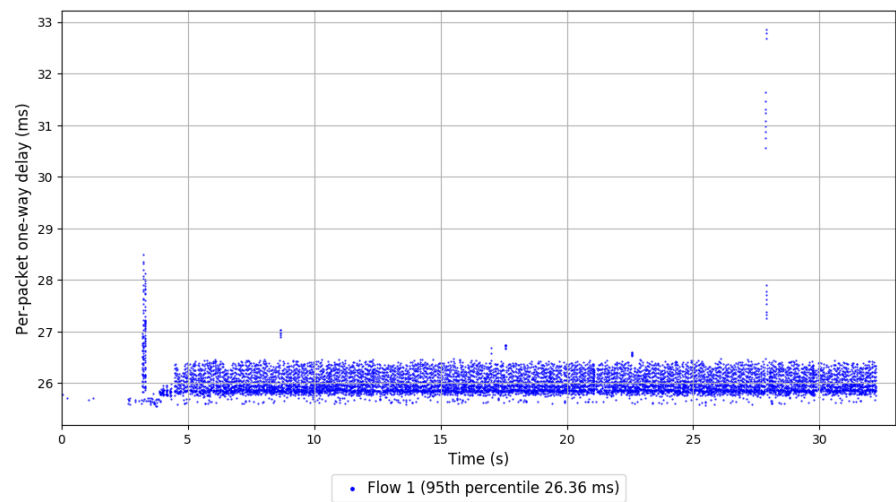
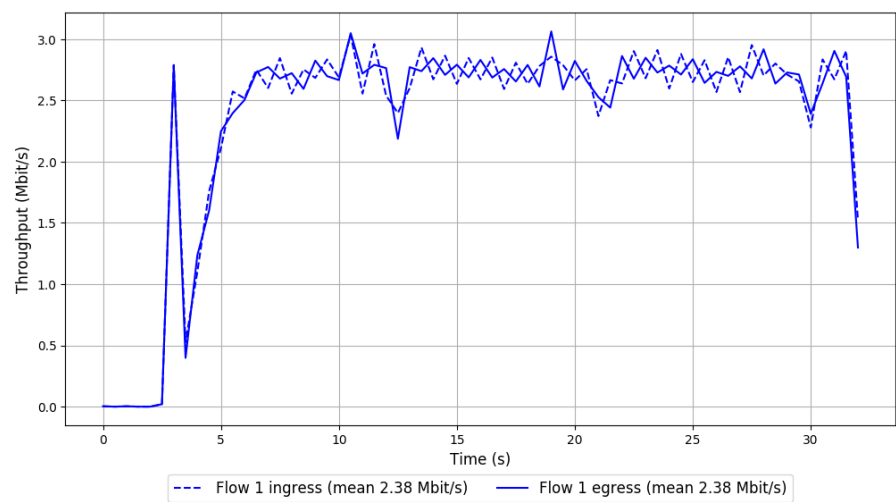


Run 6: Statistics of WebRTC media

Start at: 2017-12-11 12:29:53  
End at: 2017-12-11 12:30:23  
Local clock offset: 2.21 ms  
Remote clock offset: -2.121 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 26.365 ms  
Loss rate: 0.28%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 26.365 ms  
Loss rate: 0.28%

Run 6: Report of WebRTC media — Data Link

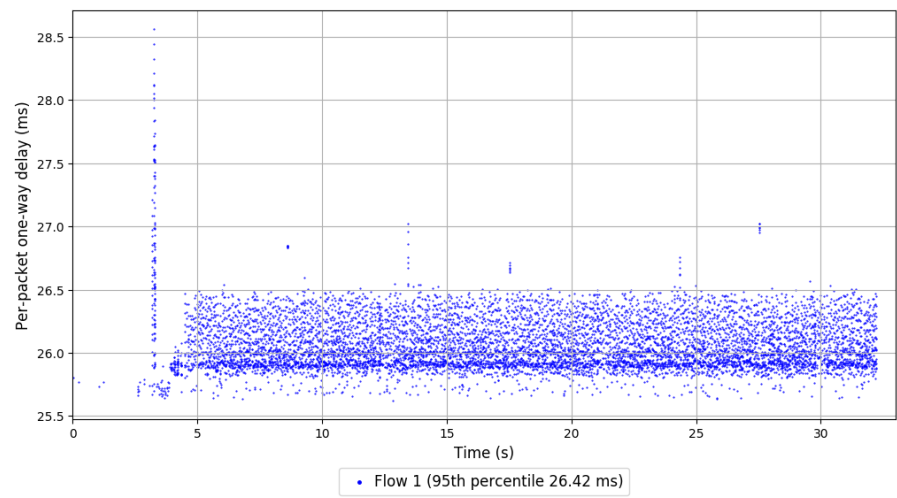
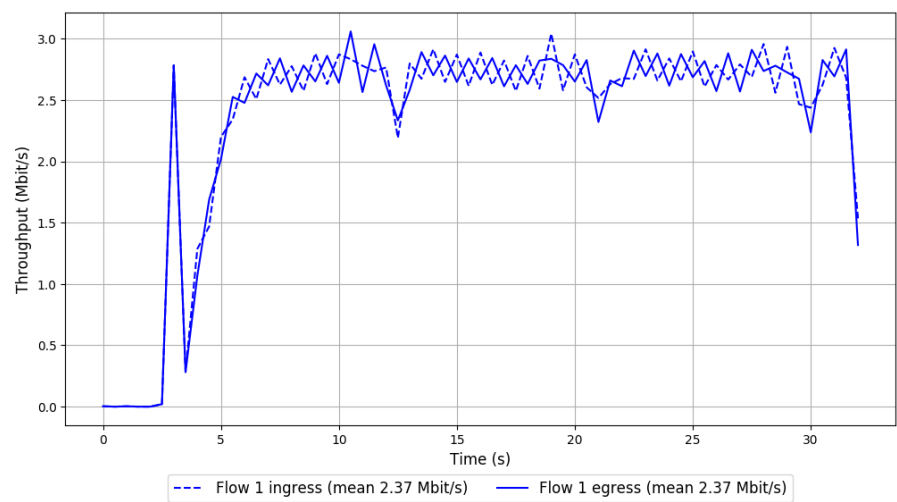


Run 7: Statistics of WebRTC media

Start at: 2017-12-11 12:48:39  
End at: 2017-12-11 12:49:09  
Local clock offset: 1.813 ms  
Remote clock offset: -2.209 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 26.417 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 26.417 ms  
Loss rate: 0.14%

Run 7: Report of WebRTC media — Data Link

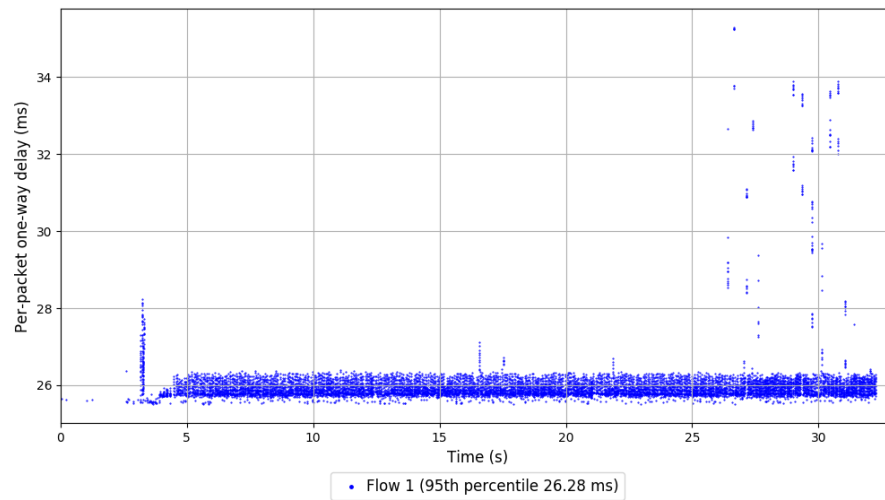
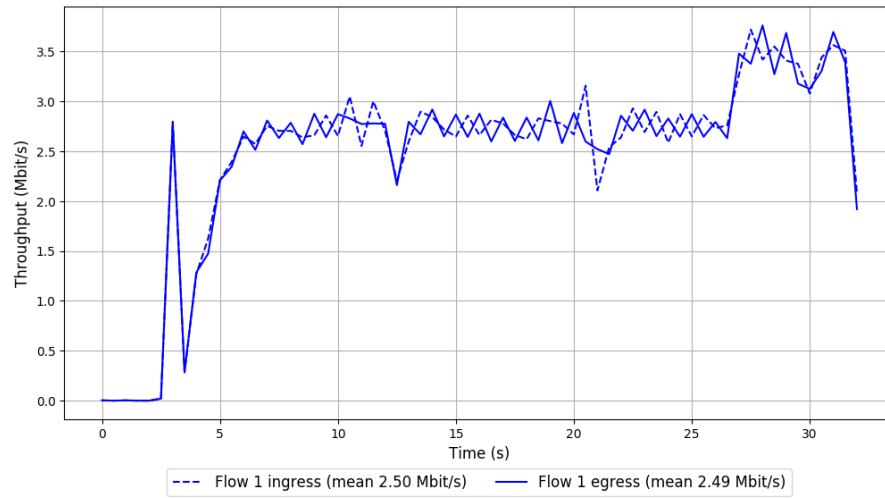


Run 8: Statistics of WebRTC media

Start at: 2017-12-11 13:07:07  
End at: 2017-12-11 13:07:37  
Local clock offset: 1.542 ms  
Remote clock offset: -2.338 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.49 Mbit/s  
95th percentile per-packet one-way delay: 26.280 ms  
Loss rate: 0.31%  
-- Flow 1:  
Average throughput: 2.49 Mbit/s  
95th percentile per-packet one-way delay: 26.280 ms  
Loss rate: 0.31%

## Run 8: Report of WebRTC media — Data Link



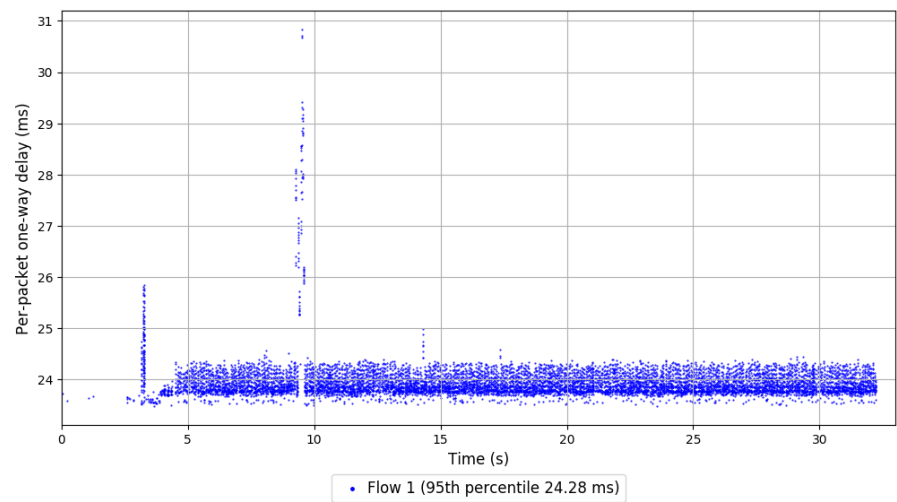
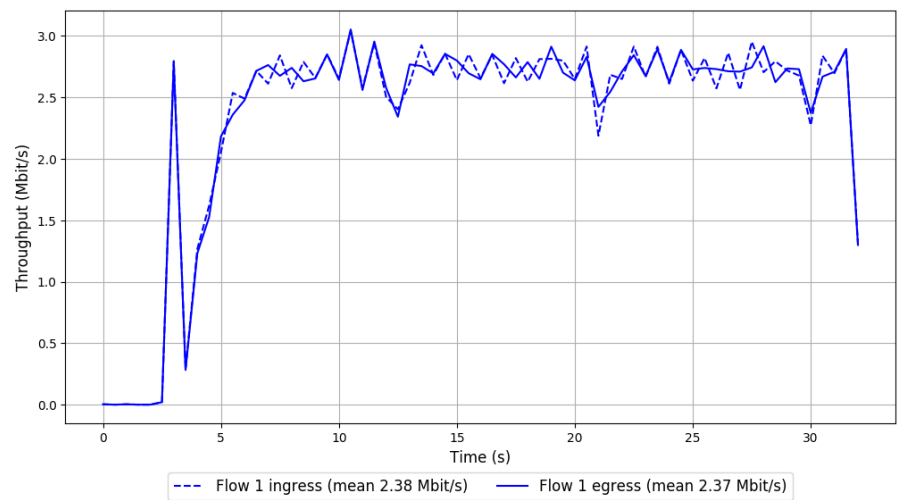
Run 9: Statistics of WebRTC media

Start at: 2017-12-11 13:25:54  
End at: 2017-12-11 13:26:24  
Local clock offset: 1.54 ms  
Remote clock offset: -0.392 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 24.283 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 24.283 ms  
Loss rate: 0.14%



Run 9: Report of WebRTC media — Data Link

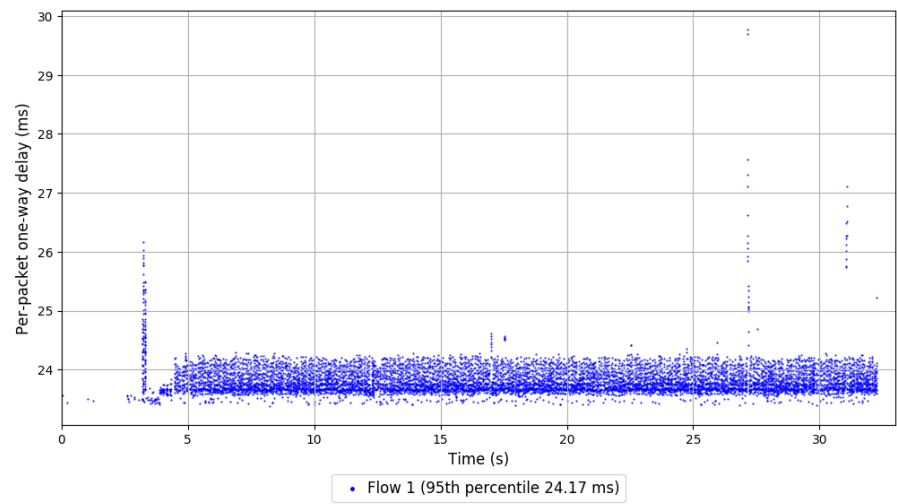
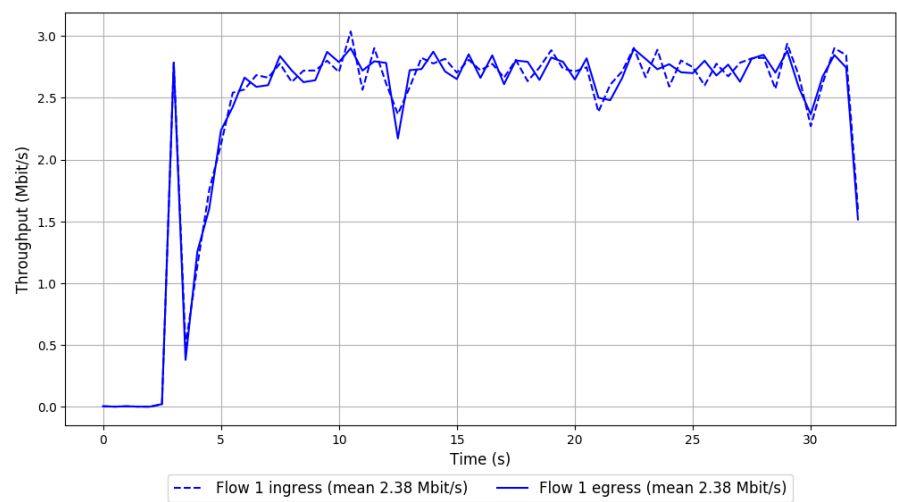


Run 10: Statistics of WebRTC media

Start at: 2017-12-11 13:44:47  
End at: 2017-12-11 13:45:17  
Local clock offset: 1.47 ms  
Remote clock offset: -0.294 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 24.169 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 24.169 ms  
Loss rate: 0.15%

Run 10: Report of WebRTC media — Data Link

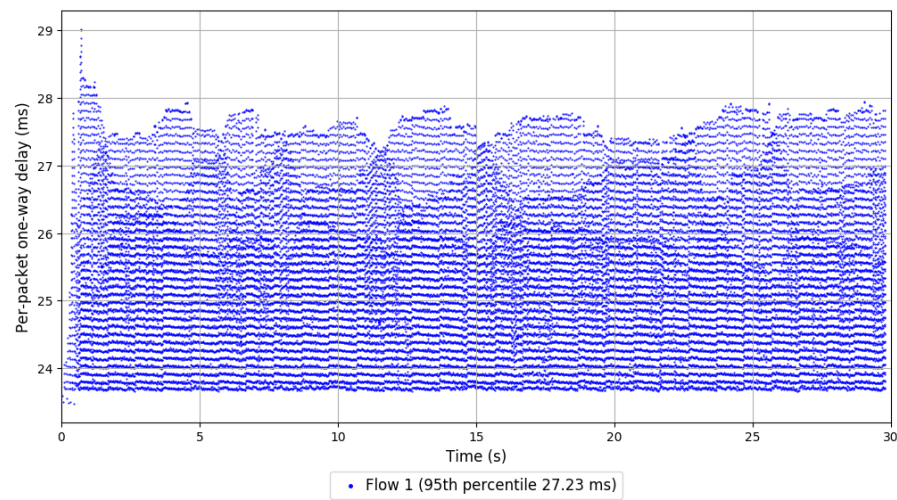
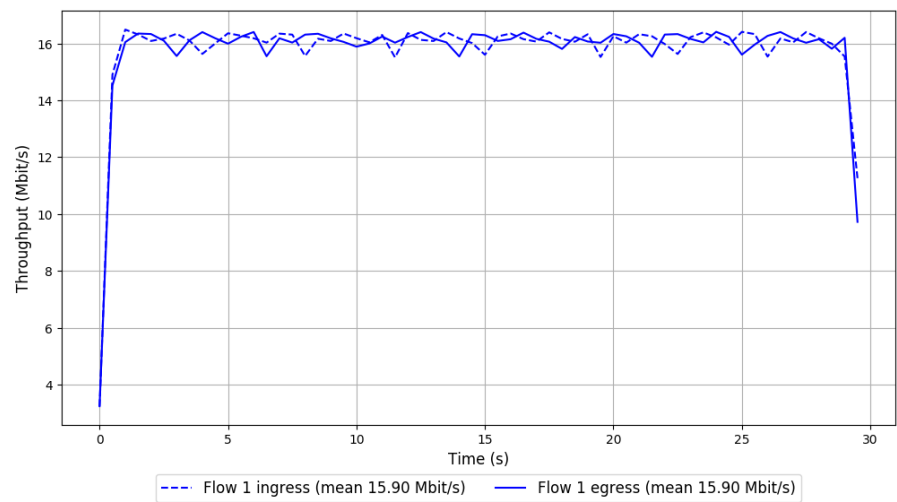


Run 1: Statistics of Sprout

Start at: 2017-12-11 10:57:52  
End at: 2017-12-11 10:58:22  
Local clock offset: 3.787 ms  
Remote clock offset: -1.405 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.90 Mbit/s  
95th percentile per-packet one-way delay: 27.234 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 15.90 Mbit/s  
95th percentile per-packet one-way delay: 27.234 ms  
Loss rate: 0.21%

Run 1: Report of Sprout — Data Link

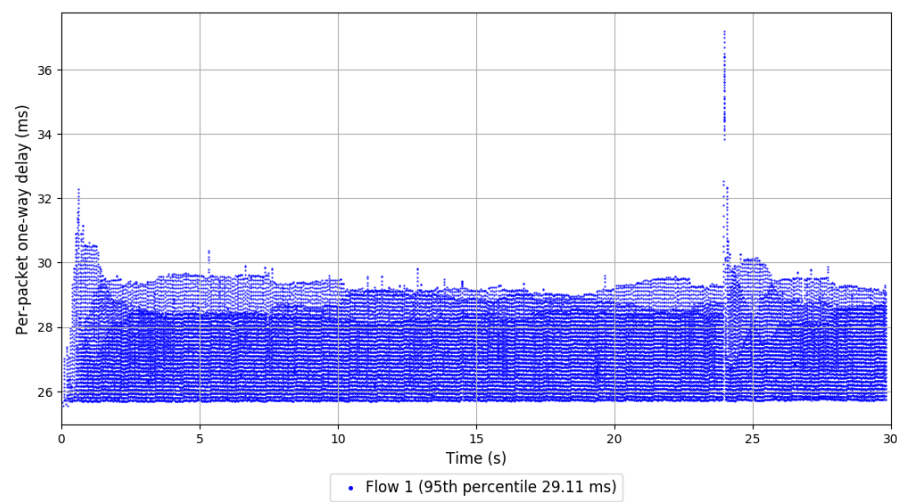
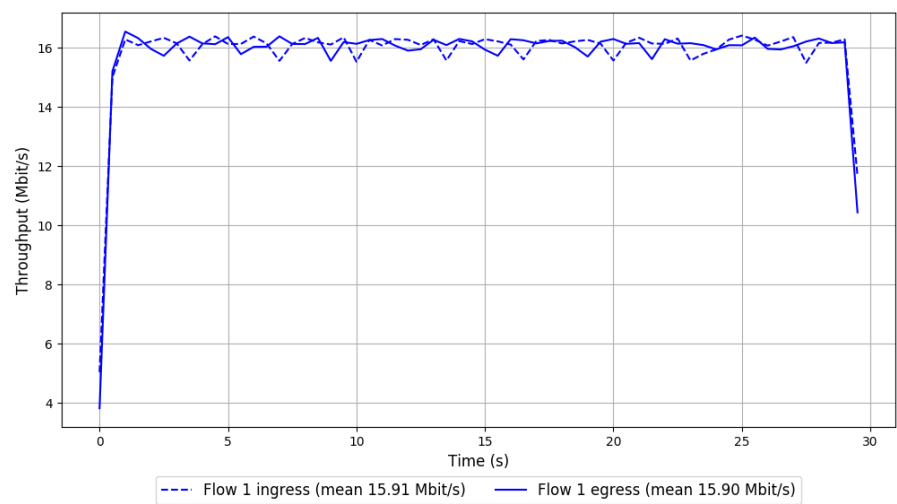


Run 2: Statistics of Sprout

Start at: 2017-12-11 11:16:35  
End at: 2017-12-11 11:17:05  
Local clock offset: 3.532 ms  
Remote clock offset: -3.178 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.90 Mbit/s  
95th percentile per-packet one-way delay: 29.105 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 15.90 Mbit/s  
95th percentile per-packet one-way delay: 29.105 ms  
Loss rate: 0.22%

Run 2: Report of Sprout — Data Link



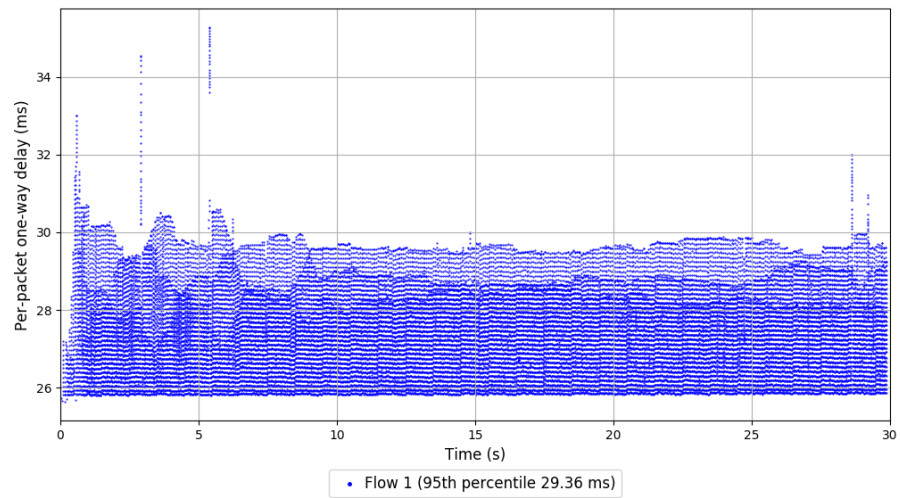
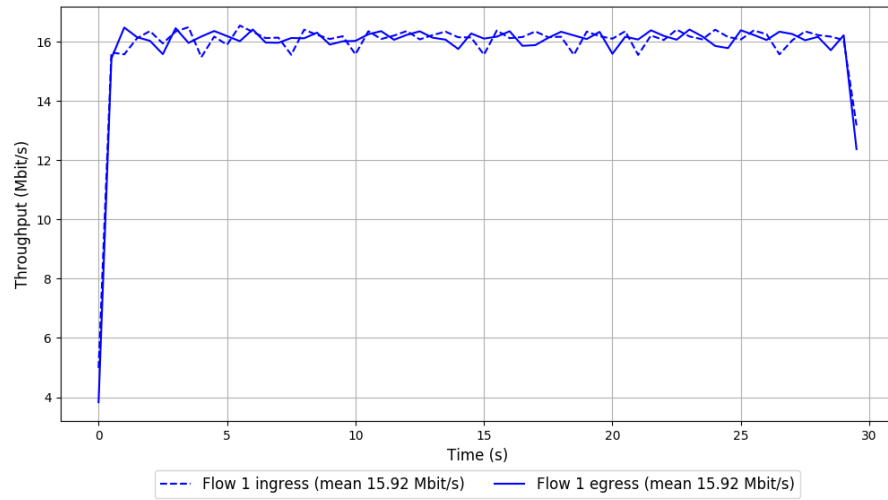
Run 3: Statistics of Sprout

Start at: 2017-12-11 11:35:10  
End at: 2017-12-11 11:35:40  
Local clock offset: 2.648 ms  
Remote clock offset: -3.085 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.92 Mbit/s  
95th percentile per-packet one-way delay: 29.364 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 15.92 Mbit/s  
95th percentile per-packet one-way delay: 29.364 ms  
Loss rate: 0.20%



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

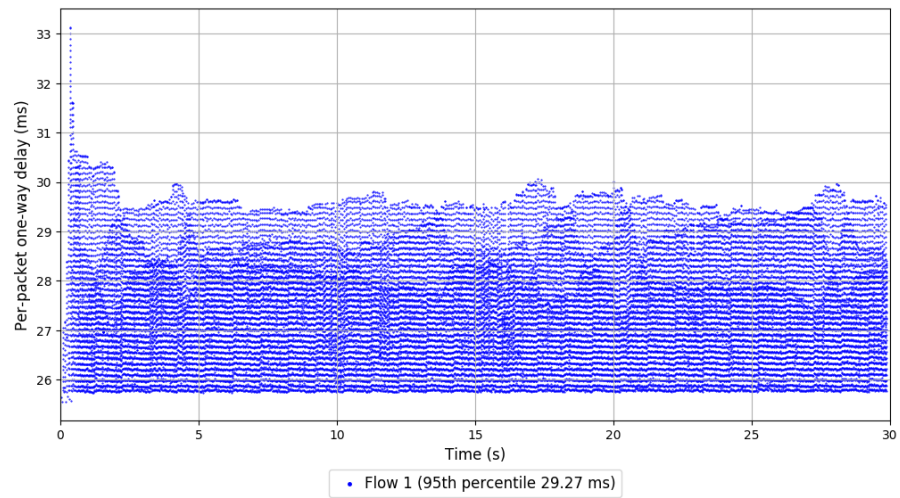
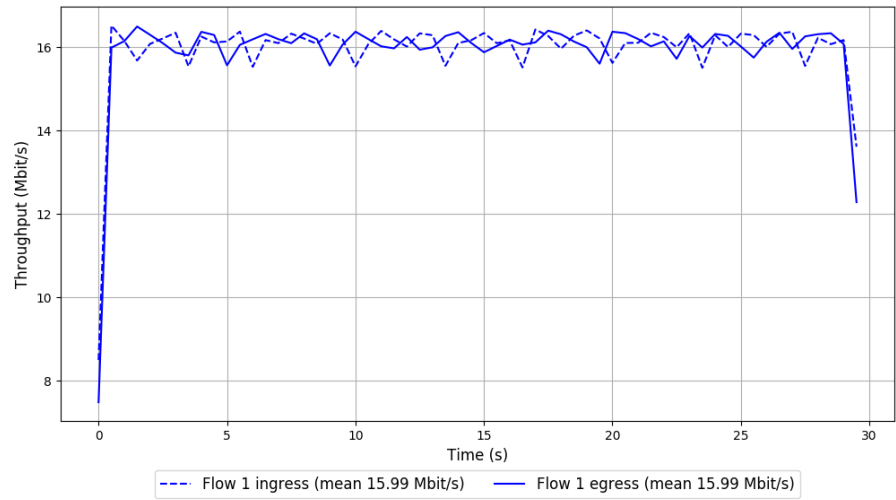


Run 4: Statistics of Sprout

Start at: 2017-12-11 11:54:03  
End at: 2017-12-11 11:54:33  
Local clock offset: 2.361 ms  
Remote clock offset: -2.851 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.99 Mbit/s  
95th percentile per-packet one-way delay: 29.271 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 15.99 Mbit/s  
95th percentile per-packet one-way delay: 29.271 ms  
Loss rate: 0.20%

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



Run 5: Statistics of Sprout

Start at: 2017-12-11 12:12:38

End at: 2017-12-11 12:13:08

Local clock offset: 2.389 ms

Remote clock offset: 0.133 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.92 Mbit/s

95th percentile per-packet one-way delay: 26.787 ms

Loss rate: 0.19%

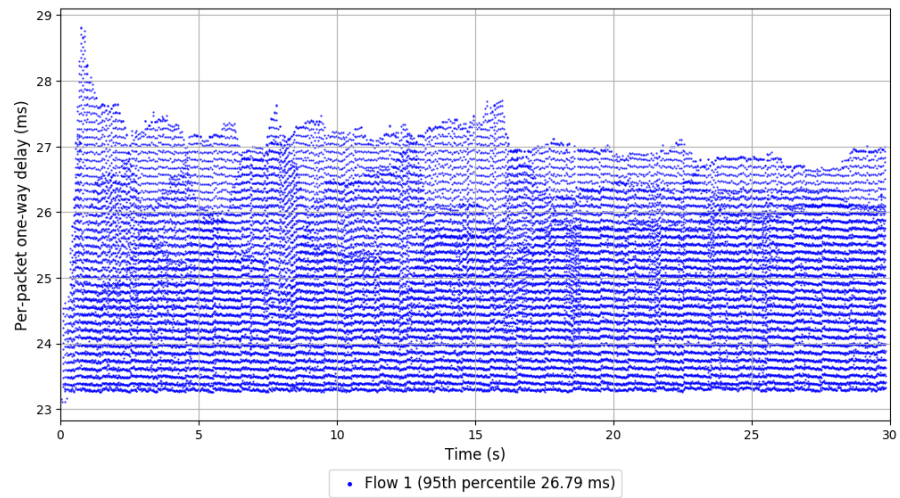
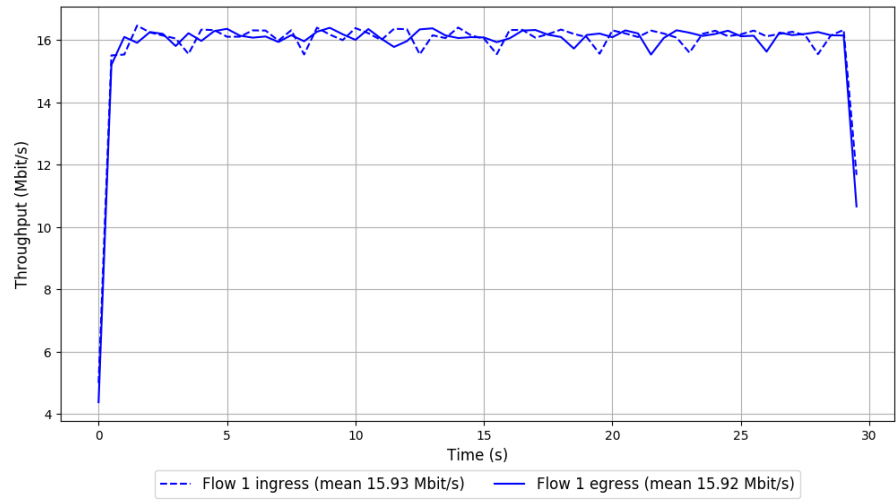
-- Flow 1:

Average throughput: 15.92 Mbit/s

95th percentile per-packet one-way delay: 26.787 ms

Loss rate: 0.19%

## Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-12-11 12:31:09

End at: 2017-12-11 12:31:39

Local clock offset: 2.106 ms

Remote clock offset: -2.07 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.93 Mbit/s

95th percentile per-packet one-way delay: 29.362 ms

Loss rate: 0.20%

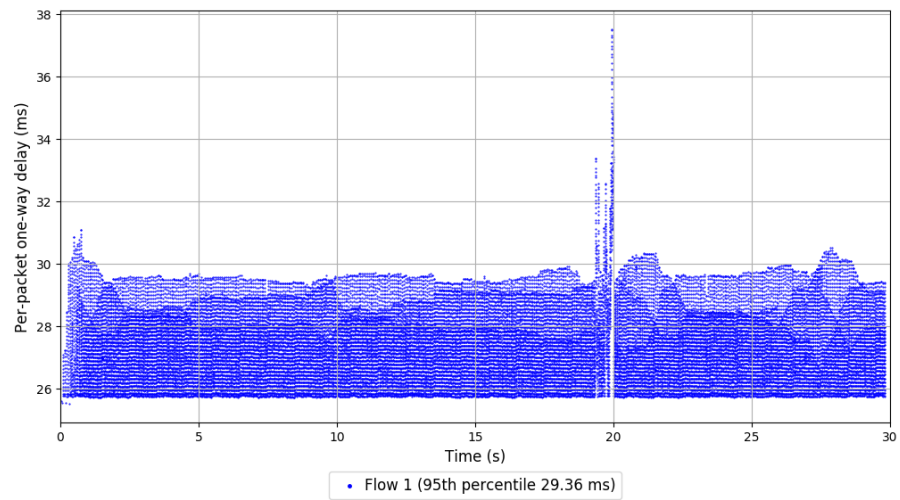
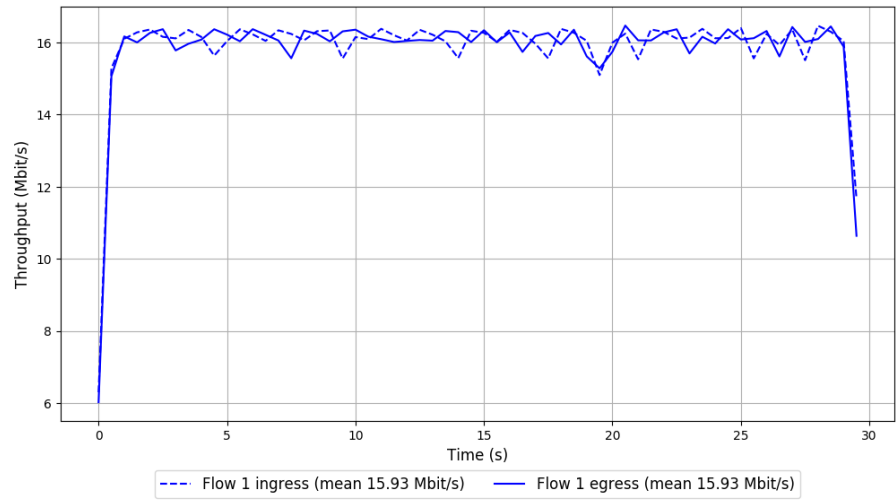
-- Flow 1:

Average throughput: 15.93 Mbit/s

95th percentile per-packet one-way delay: 29.362 ms

Loss rate: 0.20%

## Run 6: Report of Sprout — Data Link



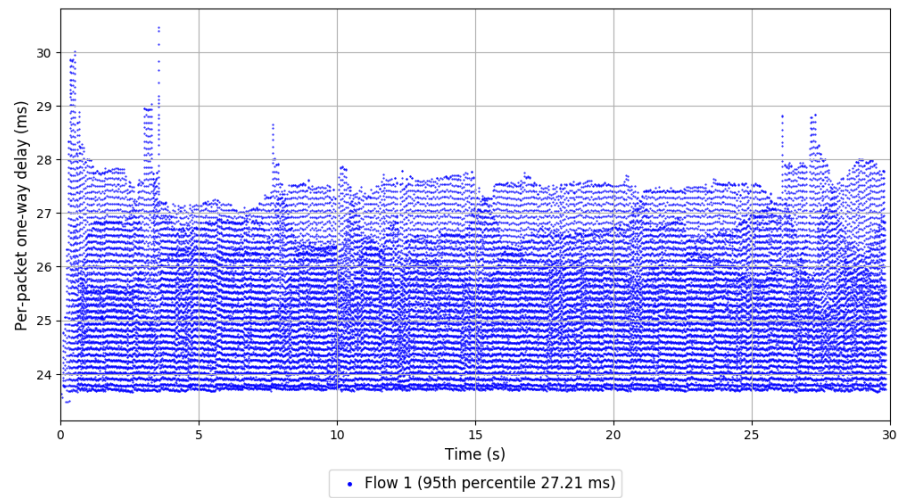
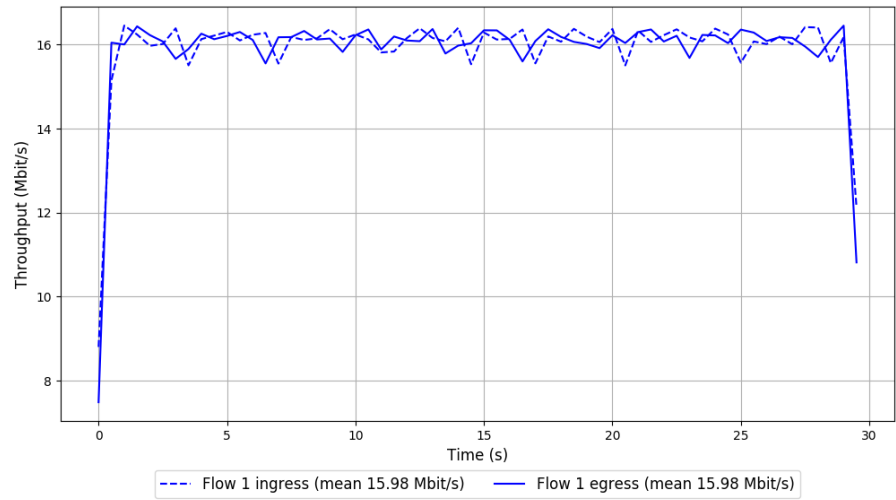
Run 7: Statistics of Sprout

Start at: 2017-12-11 12:49:55  
End at: 2017-12-11 12:50:25  
Local clock offset: 1.78 ms  
Remote clock offset: -0.055 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.98 Mbit/s  
95th percentile per-packet one-way delay: 27.211 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 15.98 Mbit/s  
95th percentile per-packet one-way delay: 27.211 ms  
Loss rate: 0.20%



## Run 7: Report of Sprout — Data Link

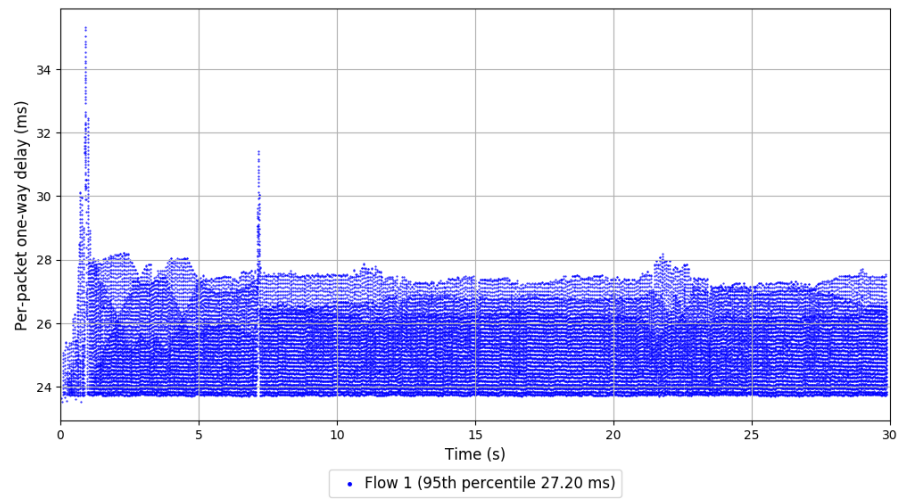
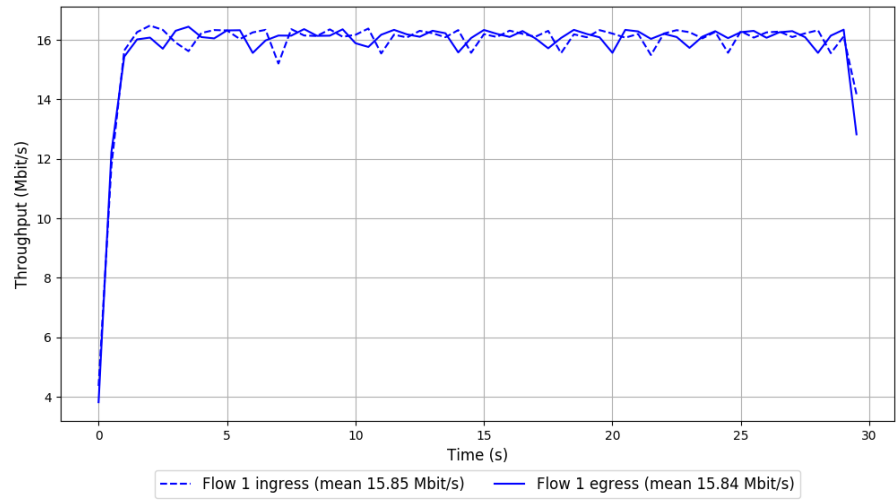


Run 8: Statistics of Sprout

Start at: 2017-12-11 13:08:23  
End at: 2017-12-11 13:08:53  
Local clock offset: 1.555 ms  
Remote clock offset: -0.305 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.84 Mbit/s  
95th percentile per-packet one-way delay: 27.204 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 15.84 Mbit/s  
95th percentile per-packet one-way delay: 27.204 ms  
Loss rate: 0.21%

# Run 8: Report of Sprout — Data Link

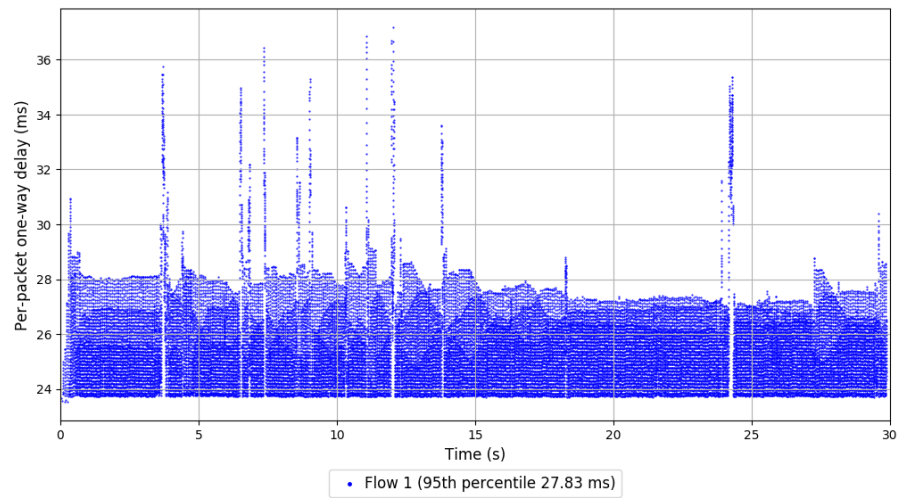
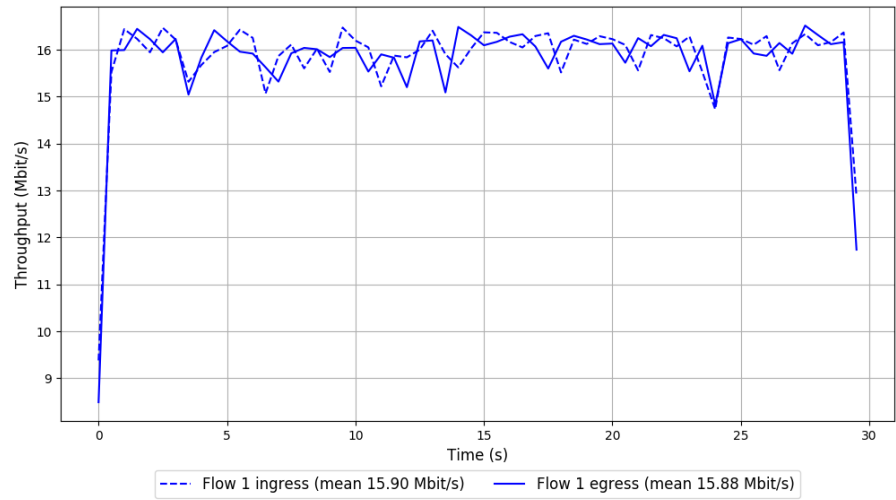


Run 9: Statistics of Sprout

Start at: 2017-12-11 13:27:10  
End at: 2017-12-11 13:27:40  
Local clock offset: 1.536 ms  
Remote clock offset: -0.416 ms

# Below is generated by plot.py at 2017-12-11 17:16:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.88 Mbit/s  
95th percentile per-packet one-way delay: 27.831 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 15.88 Mbit/s  
95th percentile per-packet one-way delay: 27.831 ms  
Loss rate: 0.33%

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



Run 10: Statistics of Sprout

Start at: 2017-12-11 13:46:03

End at: 2017-12-11 13:46:33

Local clock offset: 1.354 ms

Remote clock offset: -0.321 ms

# Below is generated by plot.py at 2017-12-11 17:16:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.87 Mbit/s

95th percentile per-packet one-way delay: 27.117 ms

Loss rate: 0.15%

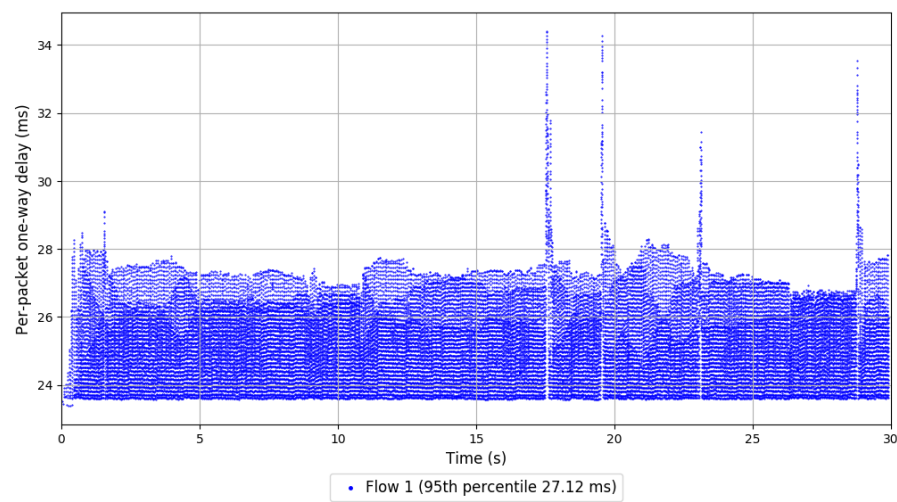
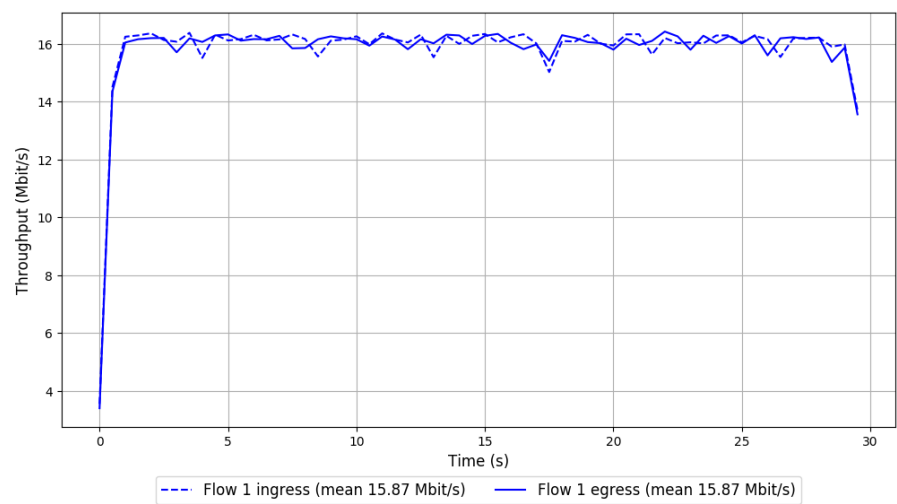
-- Flow 1:

Average throughput: 15.87 Mbit/s

95th percentile per-packet one-way delay: 27.117 ms

Loss rate: 0.15%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-12-11 11:04:27

End at: 2017-12-11 11:04:57

Local clock offset: 3.798 ms

Remote clock offset: -0.747 ms

# Below is generated by plot.py at 2017-12-11 17:17:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.06 Mbit/s

95th percentile per-packet one-way delay: 33.109 ms

Loss rate: 0.19%

-- Flow 1:

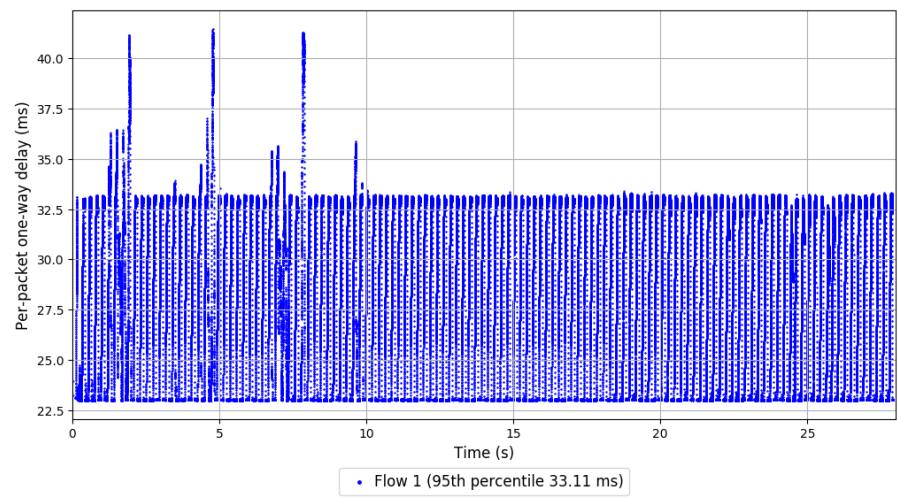
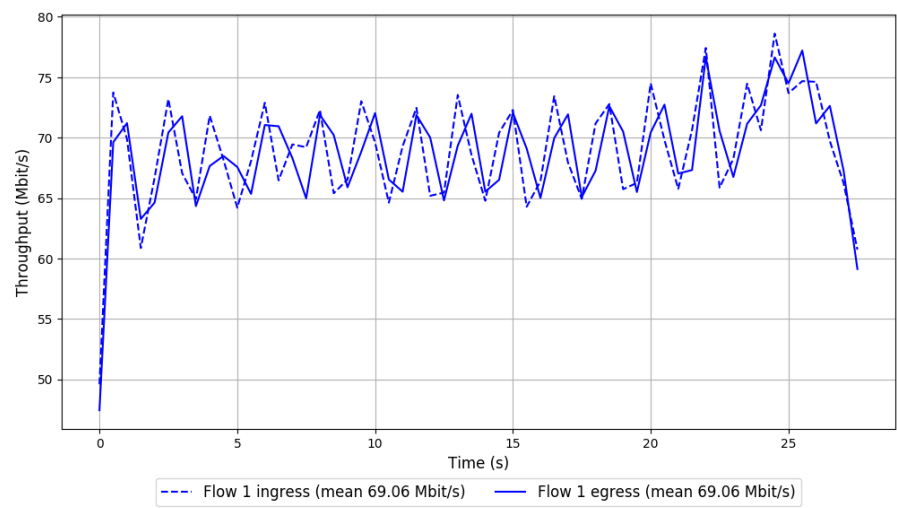
Average throughput: 69.06 Mbit/s

95th percentile per-packet one-way delay: 33.109 ms

Loss rate: 0.19%



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



Run 2: Statistics of TaoVA-100x

Start at: 2017-12-11 11:23:09

End at: 2017-12-11 11:23:39

Local clock offset: 3.149 ms

Remote clock offset: -3.18 ms

# Below is generated by plot.py at 2017-12-11 17:17:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.40 Mbit/s

95th percentile per-packet one-way delay: 35.805 ms

Loss rate: 0.25%

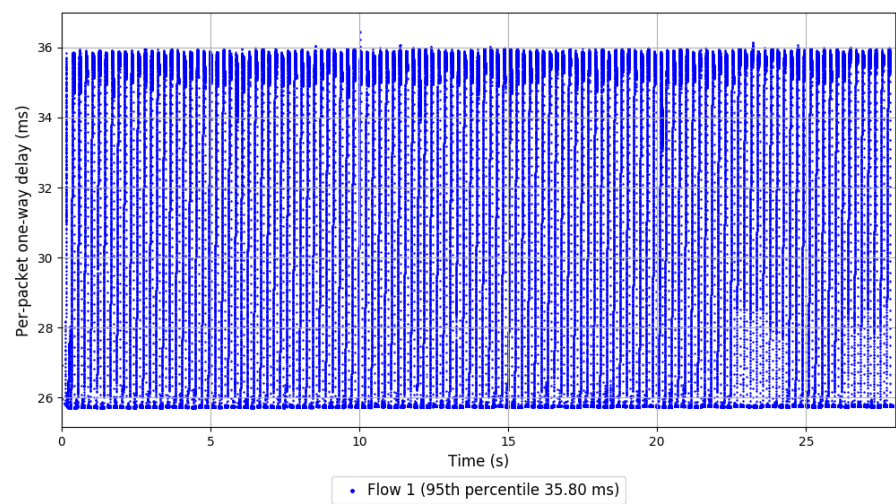
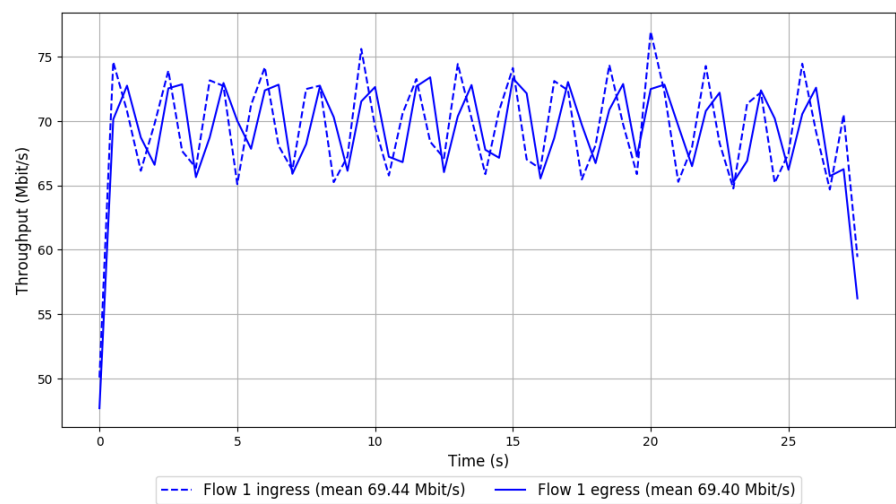
-- Flow 1:

Average throughput: 69.40 Mbit/s

95th percentile per-packet one-way delay: 35.805 ms

Loss rate: 0.25%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-12-11 11:41:43

End at: 2017-12-11 11:42:13

Local clock offset: 2.412 ms

Remote clock offset: -2.976 ms

# Below is generated by plot.py at 2017-12-11 17:17:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.97 Mbit/s

95th percentile per-packet one-way delay: 35.865 ms

Loss rate: 0.27%

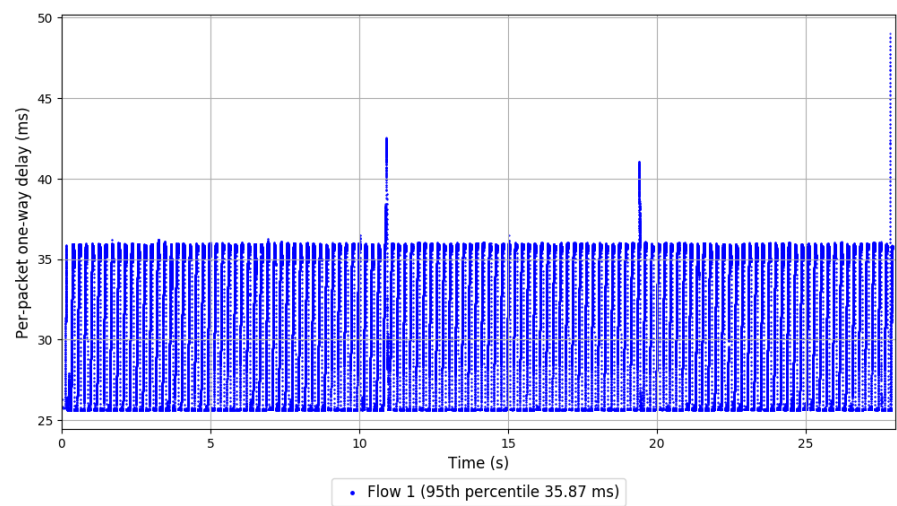
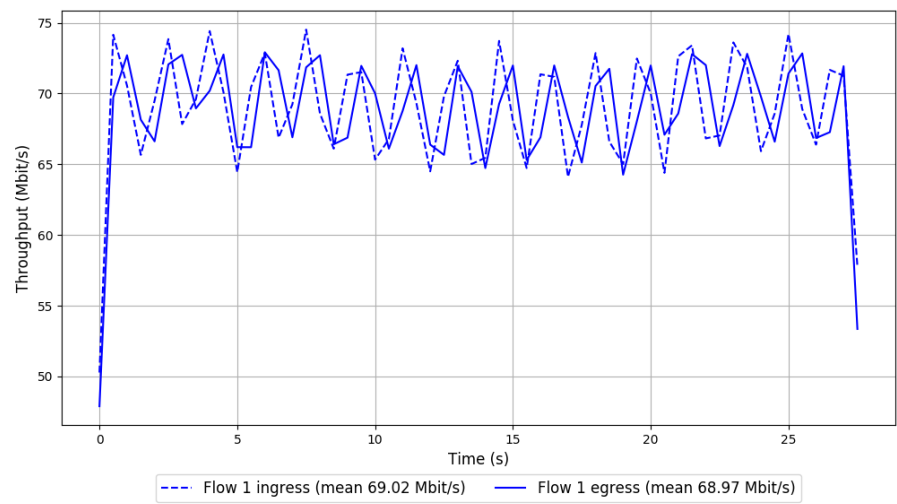
-- Flow 1:

Average throughput: 68.97 Mbit/s

95th percentile per-packet one-way delay: 35.865 ms

Loss rate: 0.27%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-12-11 12:00:39

End at: 2017-12-11 12:01:09

Local clock offset: 2.262 ms

Remote clock offset: -0.691 ms

# Below is generated by plot.py at 2017-12-11 17:17:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.04 Mbit/s

95th percentile per-packet one-way delay: 33.821 ms

Loss rate: 0.14%

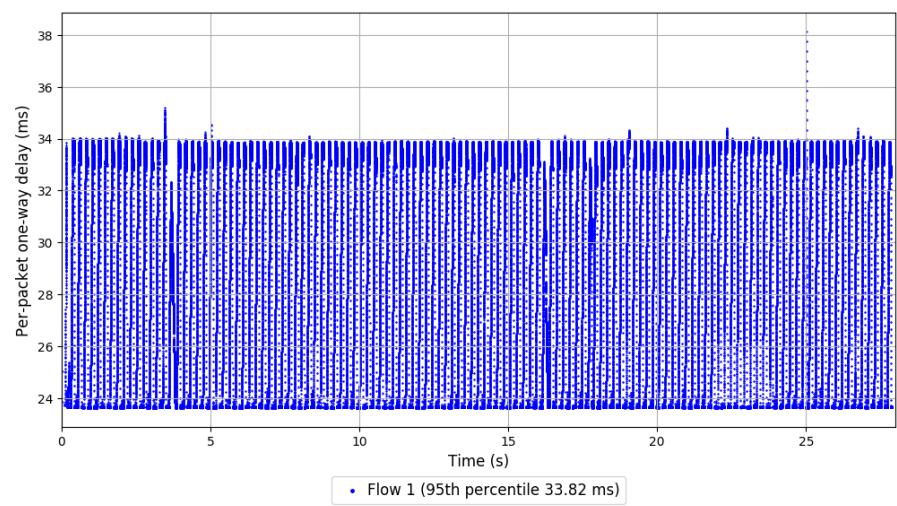
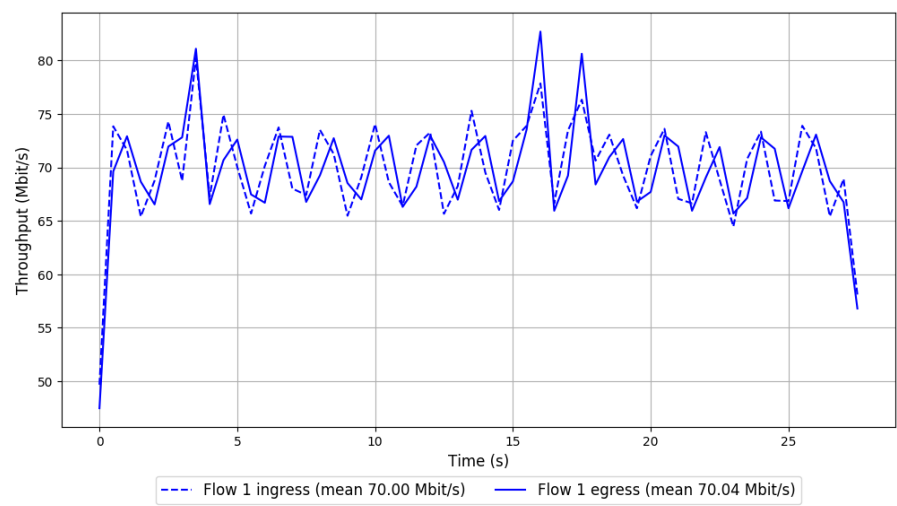
-- Flow 1:

Average throughput: 70.04 Mbit/s

95th percentile per-packet one-way delay: 33.821 ms

Loss rate: 0.14%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-12-11 12:19:09

End at: 2017-12-11 12:19:39

Local clock offset: 2.326 ms

Remote clock offset: -0.195 ms

# Below is generated by plot.py at 2017-12-11 17:17:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.24 Mbit/s

95th percentile per-packet one-way delay: 33.743 ms

Loss rate: 0.32%

-- Flow 1:

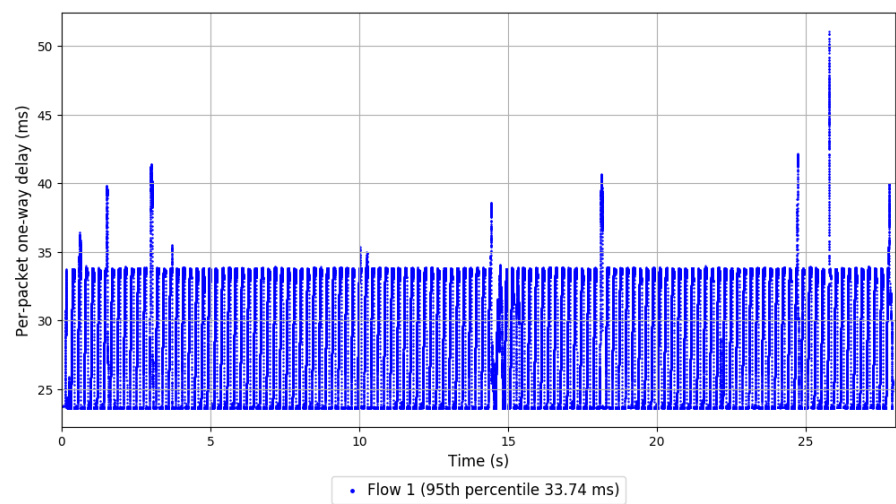
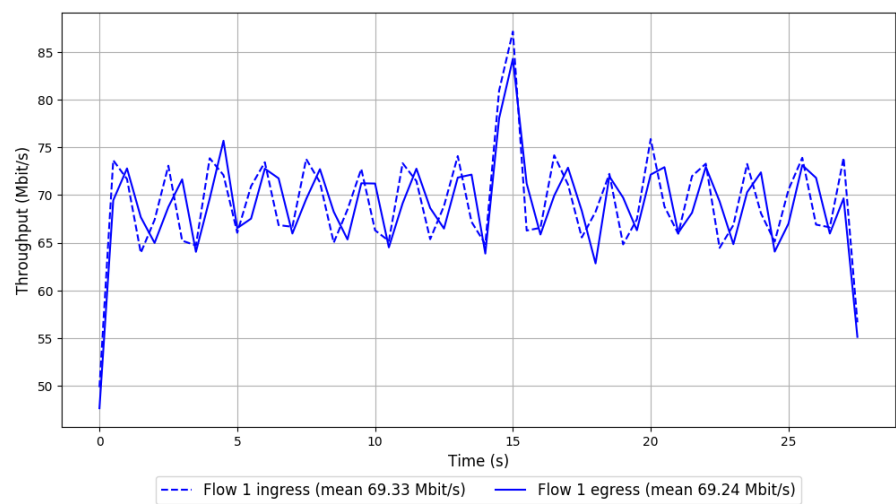
Average throughput: 69.24 Mbit/s

95th percentile per-packet one-way delay: 33.743 ms

Loss rate: 0.32%



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



Run 6: Statistics of TaoVA-100x

Start at: 2017-12-11 12:37:44

End at: 2017-12-11 12:38:14

Local clock offset: 1.99 ms

Remote clock offset: 0.508 ms

# Below is generated by plot.py at 2017-12-11 17:17:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.82 Mbit/s

95th percentile per-packet one-way delay: 33.249 ms

Loss rate: 0.22%

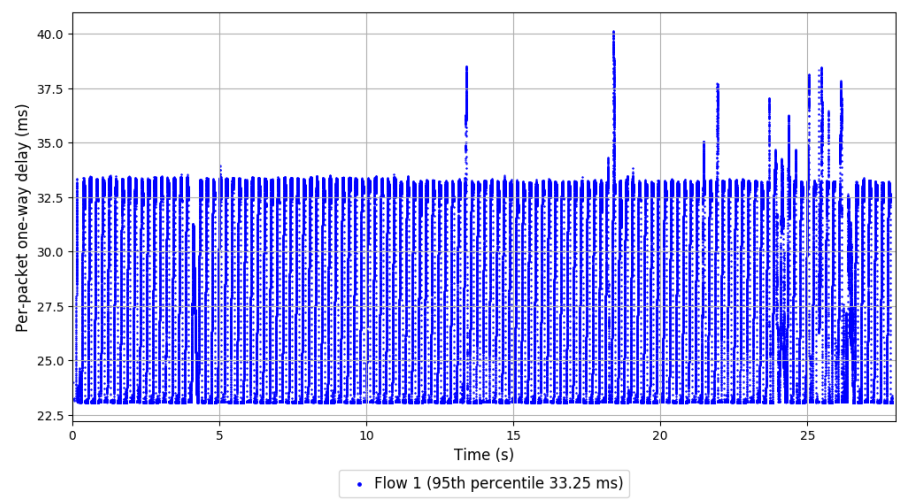
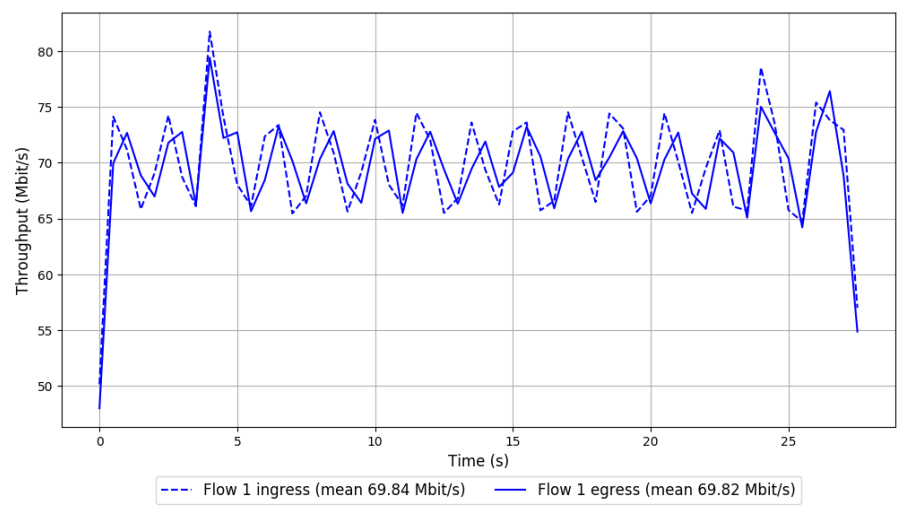
-- Flow 1:

Average throughput: 69.82 Mbit/s

95th percentile per-packet one-way delay: 33.249 ms

Loss rate: 0.22%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-12-11 12:56:25

End at: 2017-12-11 12:56:55

Local clock offset: 1.647 ms

Remote clock offset: -0.141 ms

# Below is generated by plot.py at 2017-12-11 17:17:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.73 Mbit/s

95th percentile per-packet one-way delay: 33.797 ms

Loss rate: 0.10%

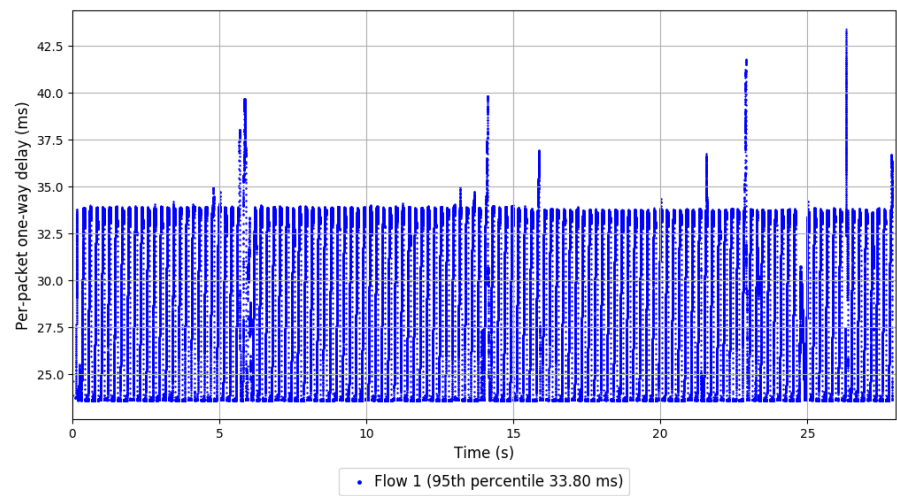
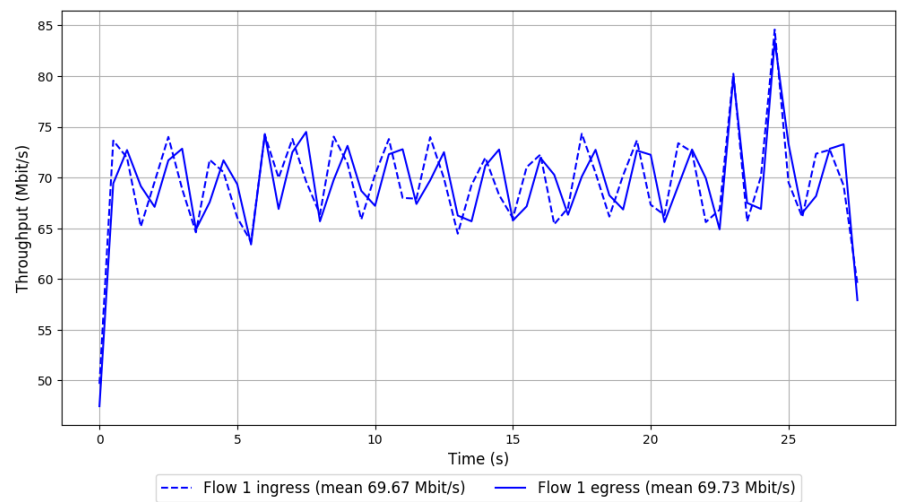
-- Flow 1:

Average throughput: 69.73 Mbit/s

95th percentile per-packet one-way delay: 33.797 ms

Loss rate: 0.10%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-12-11 13:15:08

End at: 2017-12-11 13:15:38

Local clock offset: 1.554 ms

Remote clock offset: -2.361 ms

# Below is generated by plot.py at 2017-12-11 17:17:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.96 Mbit/s

95th percentile per-packet one-way delay: 35.801 ms

Loss rate: 0.33%

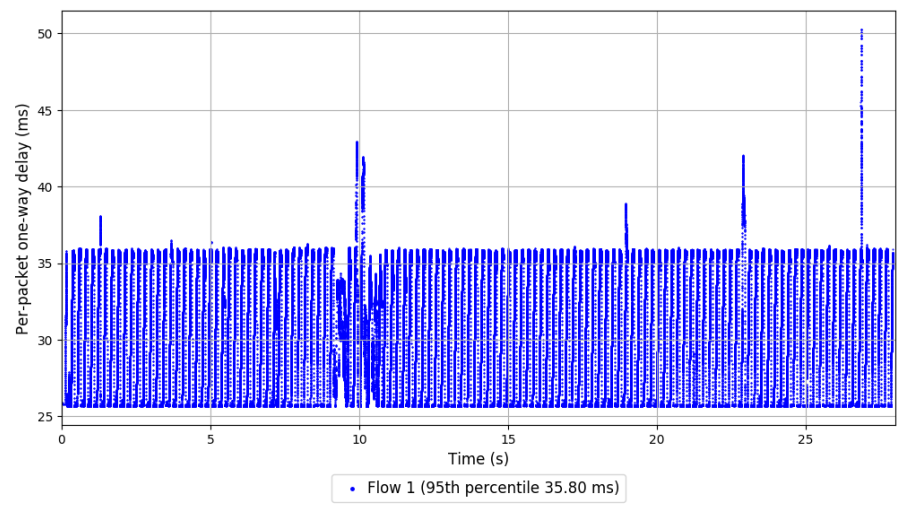
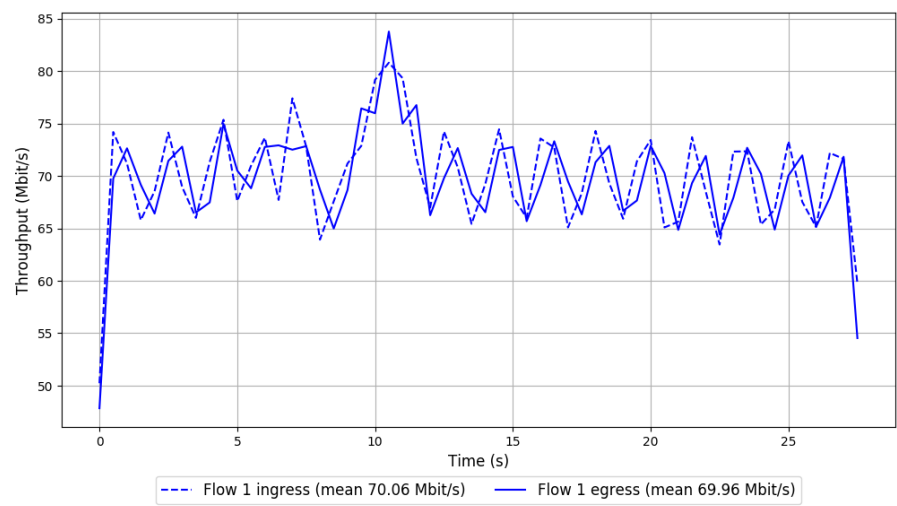
-- Flow 1:

Average throughput: 69.96 Mbit/s

95th percentile per-packet one-way delay: 35.801 ms

Loss rate: 0.33%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-12-11 13:33:52

End at: 2017-12-11 13:34:22

Local clock offset: 1.519 ms

Remote clock offset: -0.422 ms

# Below is generated by plot.py at 2017-12-11 17:19:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.80 Mbit/s

95th percentile per-packet one-way delay: 34.019 ms

Loss rate: 0.22%

-- Flow 1:

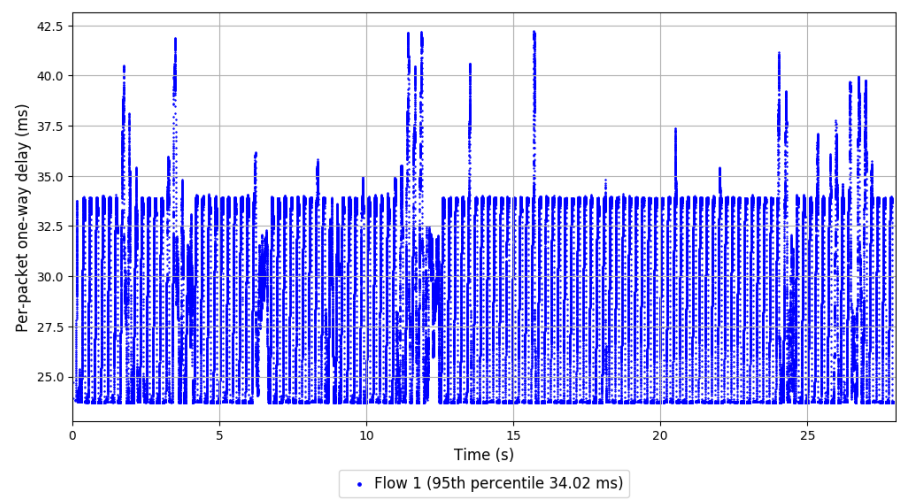
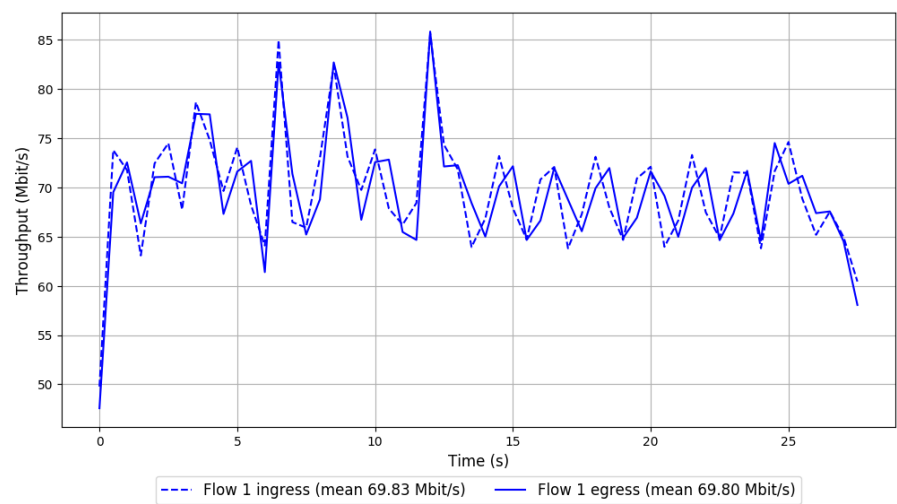
Average throughput: 69.80 Mbit/s

95th percentile per-packet one-way delay: 34.019 ms

Loss rate: 0.22%



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



Run 10: Statistics of TaoVA-100x

Start at: 2017-12-11 13:52:34

End at: 2017-12-11 13:53:04

Local clock offset: 1.425 ms

Remote clock offset: -0.399 ms

# Below is generated by plot.py at 2017-12-11 17:19:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.20 Mbit/s

95th percentile per-packet one-way delay: 33.970 ms

Loss rate: 0.15%

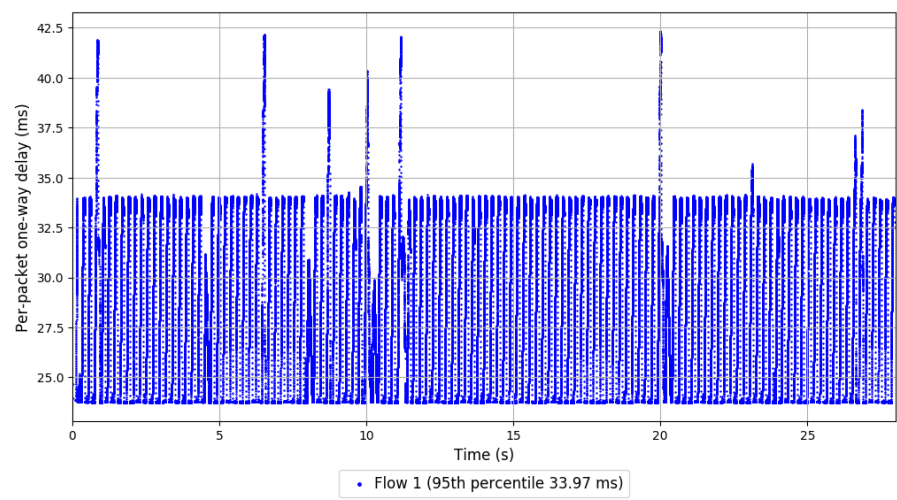
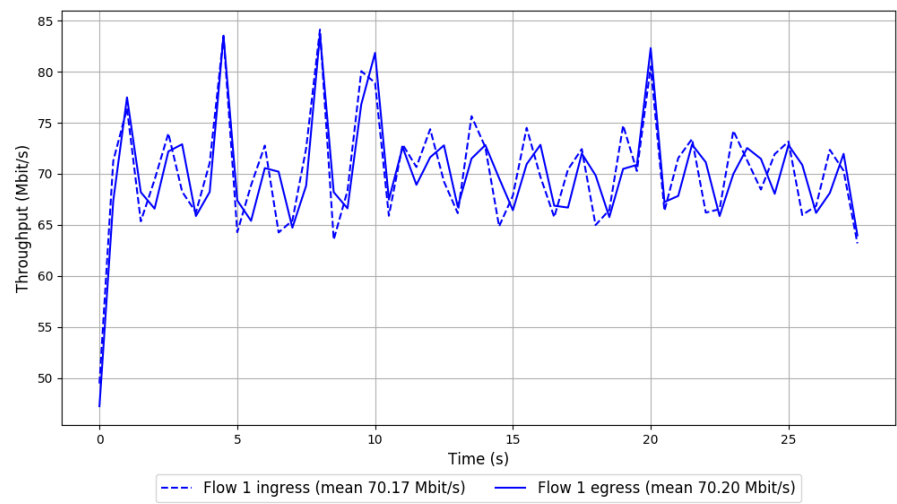
-- Flow 1:

Average throughput: 70.20 Mbit/s

95th percentile per-packet one-way delay: 33.970 ms

Loss rate: 0.15%

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

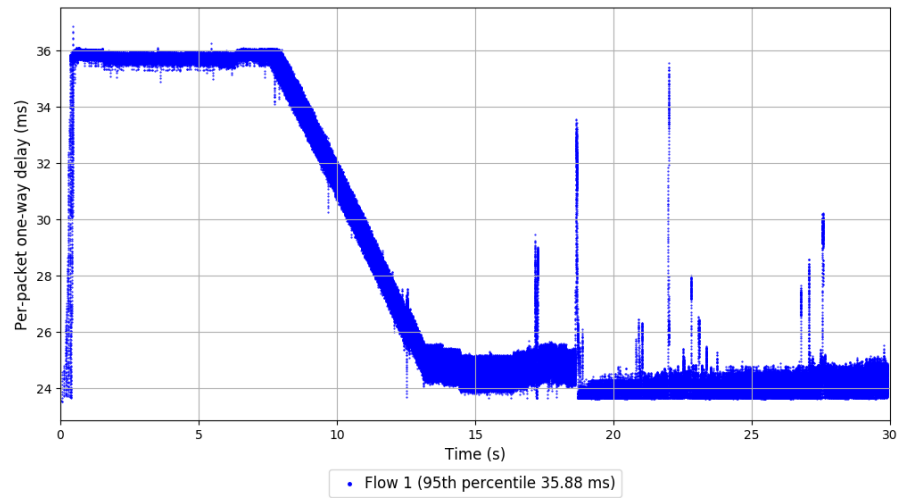
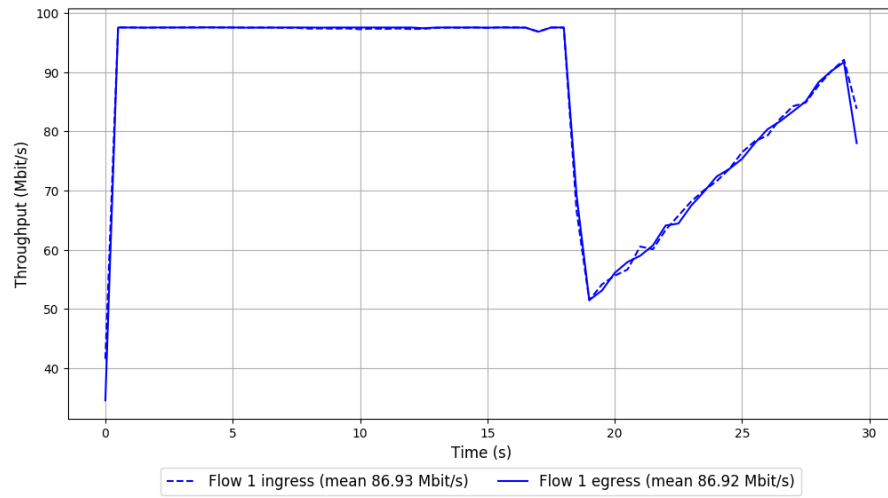


Run 1: Statistics of TCP Vegas

Start at: 2017-12-11 11:00:31  
End at: 2017-12-11 11:01:01  
Local clock offset: 3.874 ms  
Remote clock offset: -1.287 ms

# Below is generated by plot.py at 2017-12-11 17:19:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.92 Mbit/s  
95th percentile per-packet one-way delay: 35.879 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 86.92 Mbit/s  
95th percentile per-packet one-way delay: 35.879 ms  
Loss rate: 0.20%

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



Run 2: Statistics of TCP Vegas

Start at: 2017-12-11 11:19:13

End at: 2017-12-11 11:19:43

Local clock offset: 3.368 ms

Remote clock offset: -1.12 ms

# Below is generated by plot.py at 2017-12-11 17:19:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.05 Mbit/s

95th percentile per-packet one-way delay: 35.716 ms

Loss rate: 0.19%

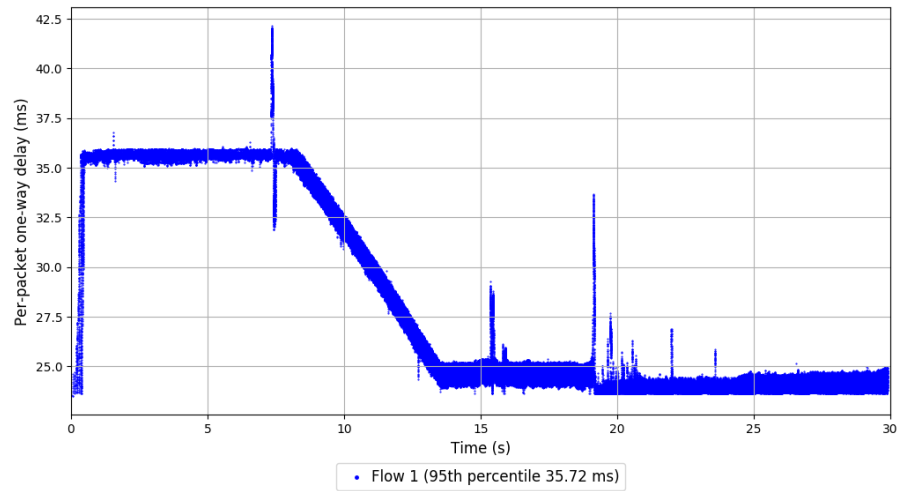
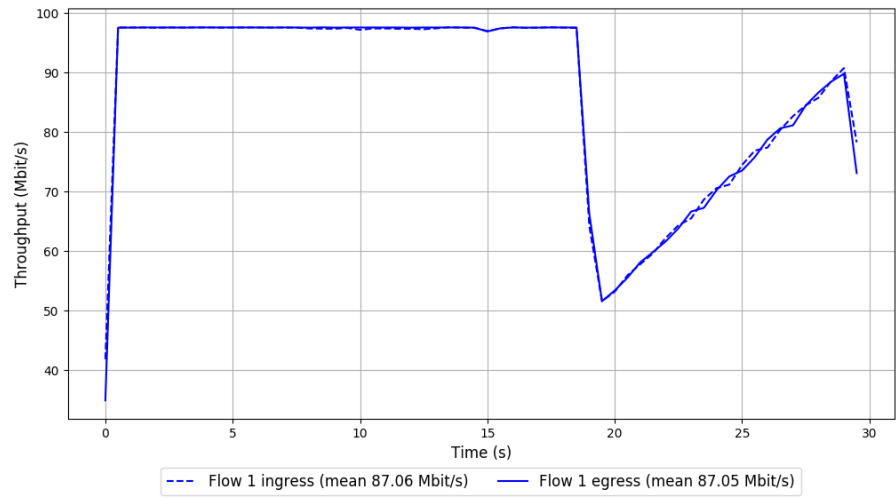
-- Flow 1:

Average throughput: 87.05 Mbit/s

95th percentile per-packet one-way delay: 35.716 ms

Loss rate: 0.19%

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



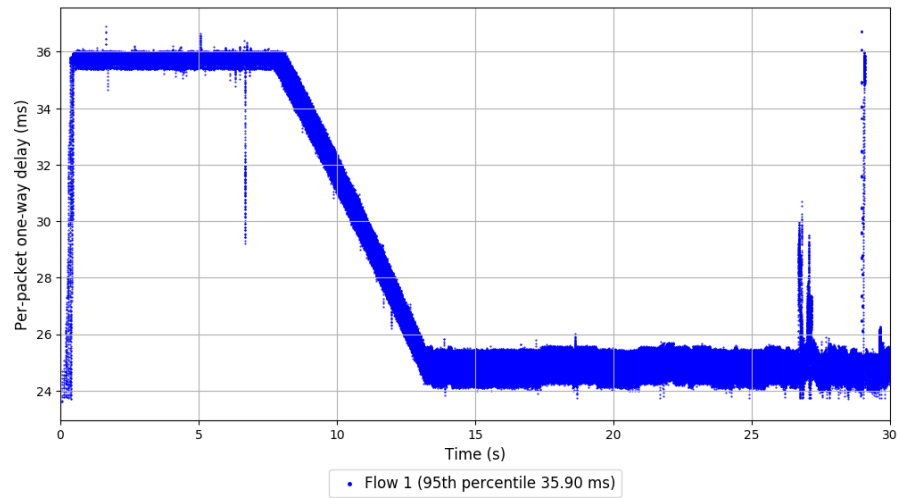
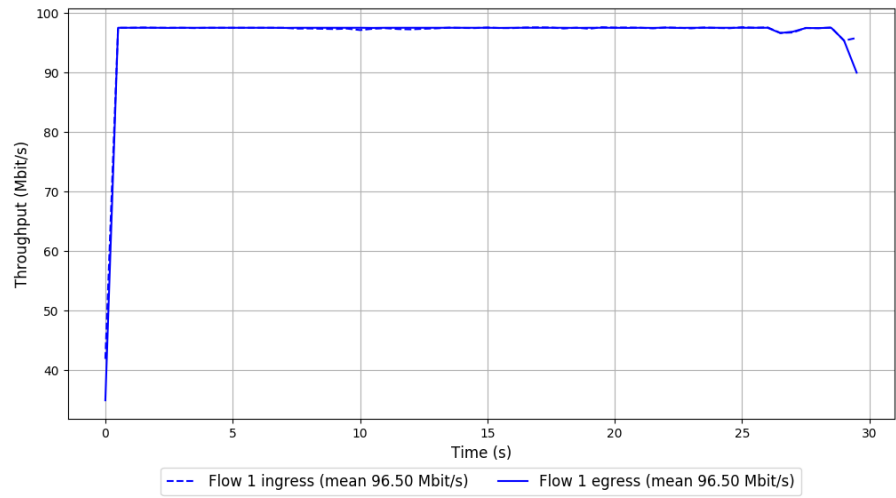
Run 3: Statistics of TCP Vegas

Start at: 2017-12-11 11:37:48  
End at: 2017-12-11 11:38:18  
Local clock offset: 2.474 ms  
Remote clock offset: -1.063 ms

# Below is generated by plot.py at 2017-12-11 17:19:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.50 Mbit/s  
95th percentile per-packet one-way delay: 35.902 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 96.50 Mbit/s  
95th percentile per-packet one-way delay: 35.902 ms  
Loss rate: 0.18%



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

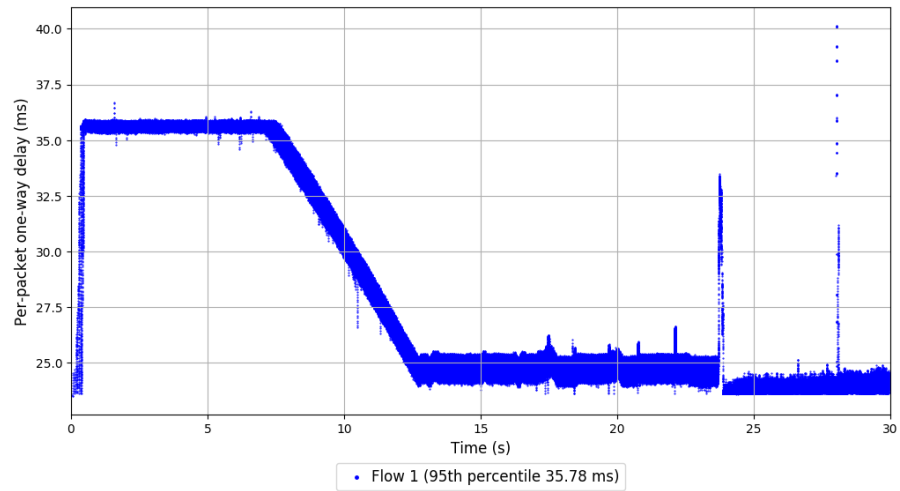
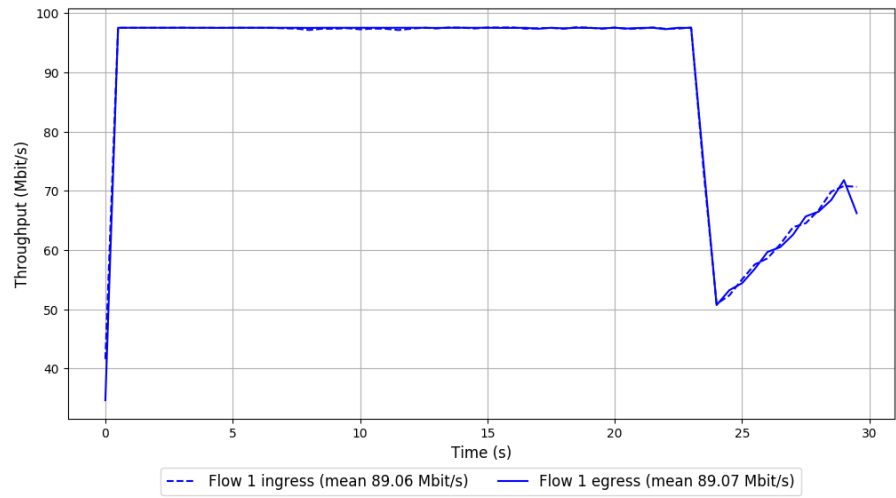


Run 4: Statistics of TCP Vegas

Start at: 2017-12-11 11:56:42  
End at: 2017-12-11 11:57:12  
Local clock offset: 2.253 ms  
Remote clock offset: -0.714 ms

# Below is generated by plot.py at 2017-12-11 17:19:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.07 Mbit/s  
95th percentile per-packet one-way delay: 35.782 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 89.07 Mbit/s  
95th percentile per-packet one-way delay: 35.782 ms  
Loss rate: 0.17%

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

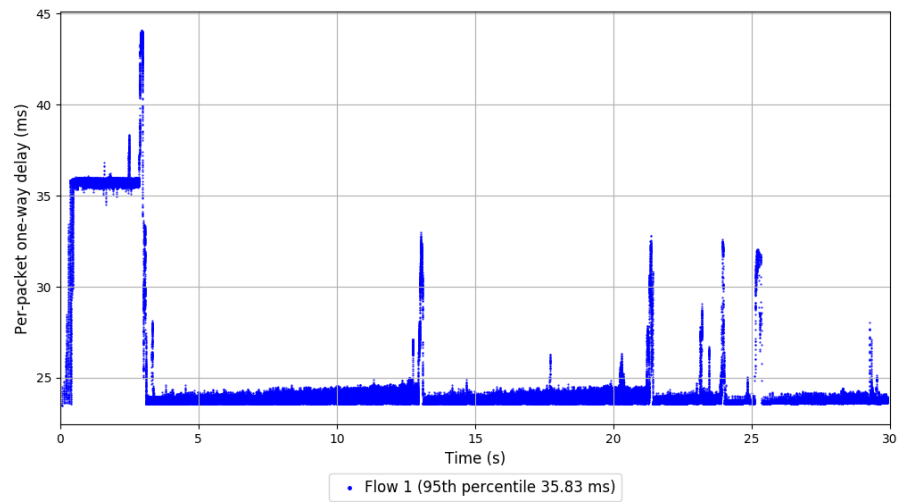
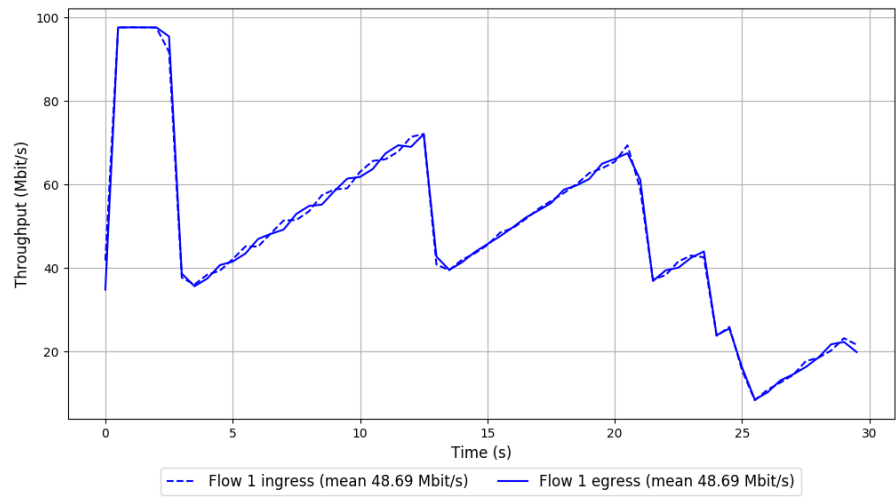


Run 5: Statistics of TCP Vegas

Start at: 2017-12-11 12:15:16  
End at: 2017-12-11 12:15:46  
Local clock offset: 2.421 ms  
Remote clock offset: -0.088 ms

# Below is generated by plot.py at 2017-12-11 17:19:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 48.69 Mbit/s  
95th percentile per-packet one-way delay: 35.832 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 48.69 Mbit/s  
95th percentile per-packet one-way delay: 35.832 ms  
Loss rate: 0.18%

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



Run 6: Statistics of TCP Vegas

Start at: 2017-12-11 12:33:48

End at: 2017-12-11 12:34:18

Local clock offset: 2.153 ms

Remote clock offset: 0.388 ms

# Below is generated by plot.py at 2017-12-11 17:19:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.74 Mbit/s

95th percentile per-packet one-way delay: 35.149 ms

Loss rate: 0.16%

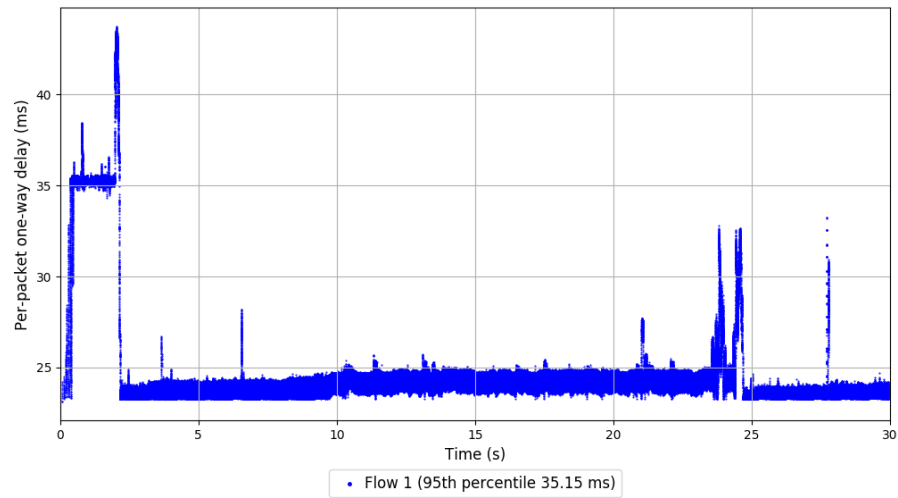
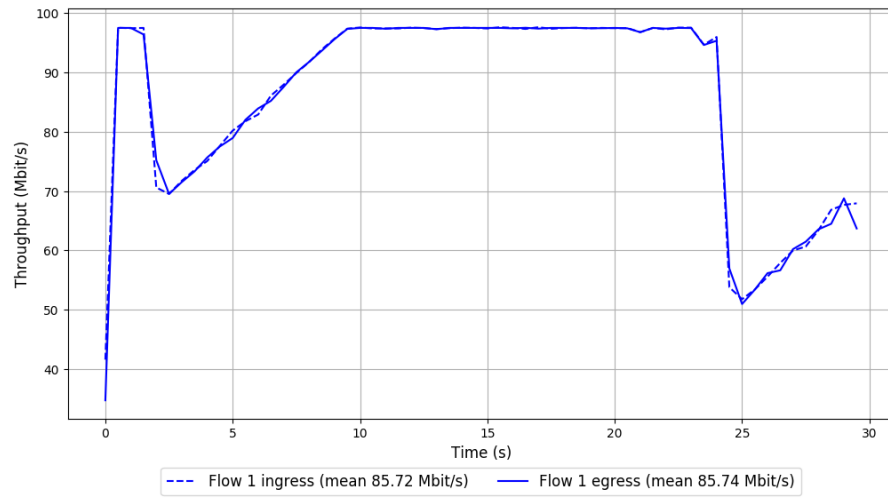
-- Flow 1:

Average throughput: 85.74 Mbit/s

95th percentile per-packet one-way delay: 35.149 ms

Loss rate: 0.16%

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



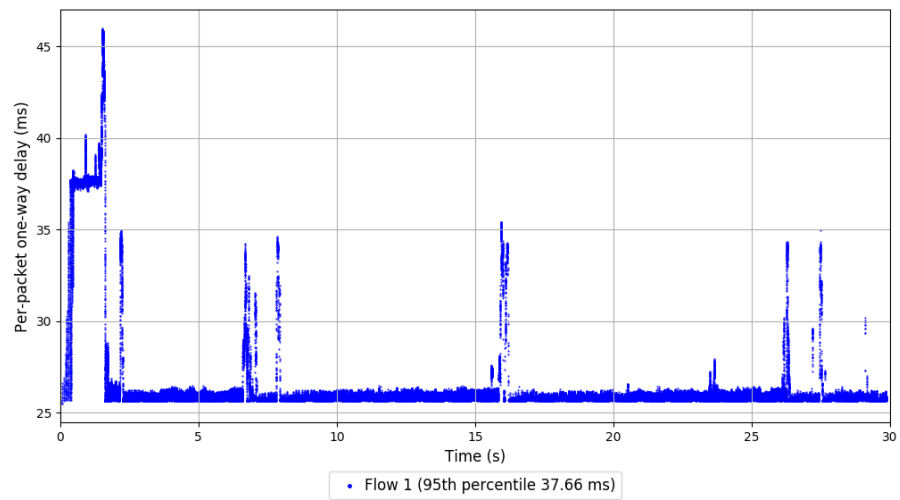
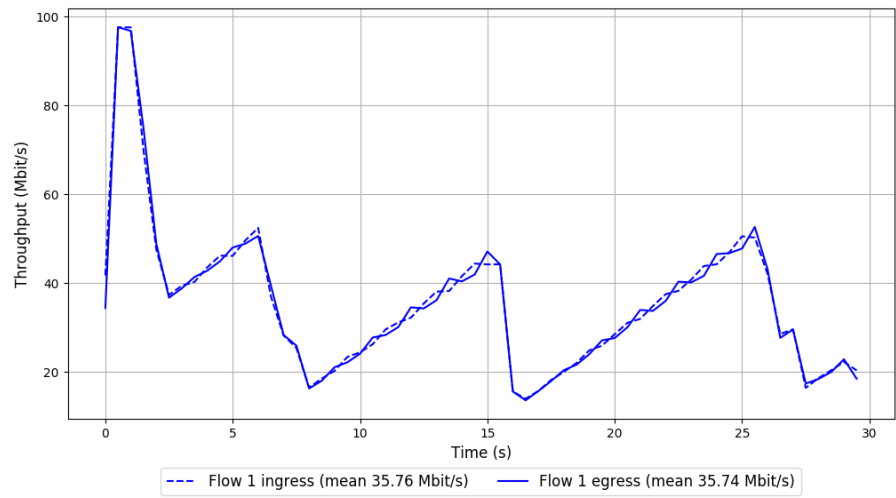
Run 7: Statistics of TCP Vegas

Start at: 2017-12-11 12:52:33  
End at: 2017-12-11 12:53:03  
Local clock offset: 1.66 ms  
Remote clock offset: -2.147 ms

# Below is generated by plot.py at 2017-12-11 17:19:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 35.74 Mbit/s  
95th percentile per-packet one-way delay: 37.664 ms  
Loss rate: 0.24%  
-- Flow 1:  
Average throughput: 35.74 Mbit/s  
95th percentile per-packet one-way delay: 37.664 ms  
Loss rate: 0.24%



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

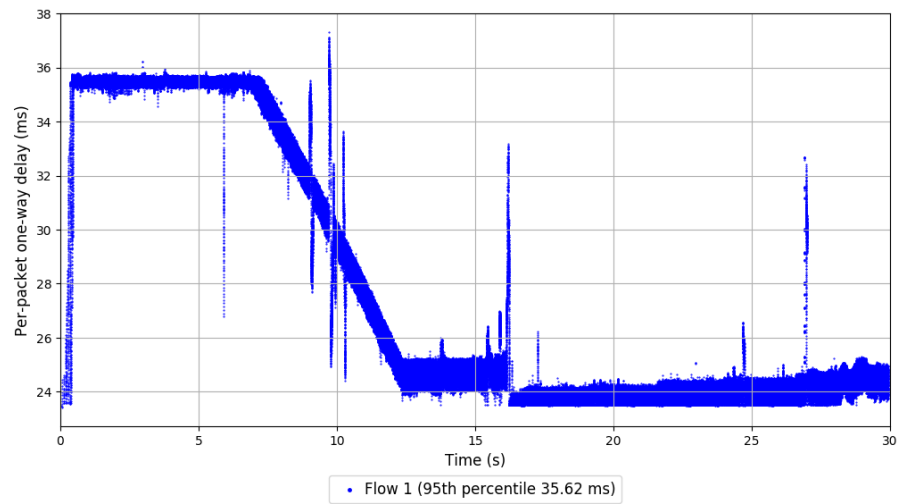
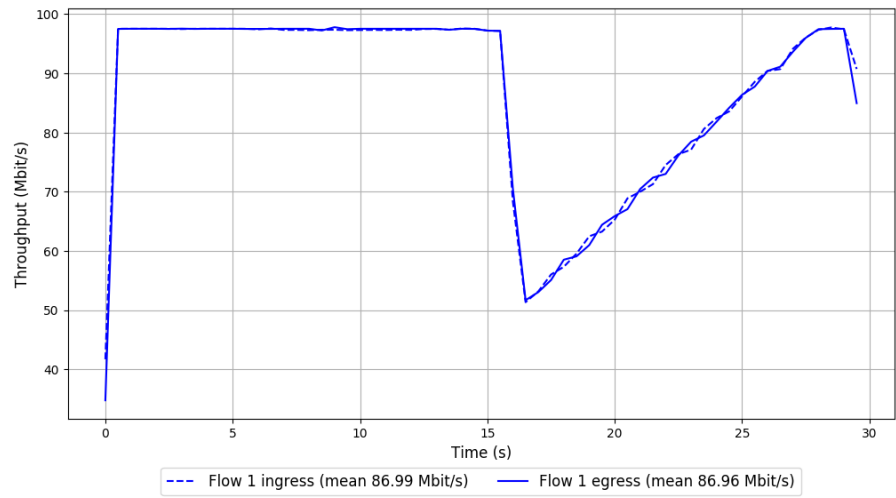


Run 8: Statistics of TCP Vegas

Start at: 2017-12-11 13:11:03  
End at: 2017-12-11 13:11:33  
Local clock offset: 1.525 ms  
Remote clock offset: -0.193 ms

# Below is generated by plot.py at 2017-12-11 17:20:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.96 Mbit/s  
95th percentile per-packet one-way delay: 35.619 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 86.96 Mbit/s  
95th percentile per-packet one-way delay: 35.619 ms  
Loss rate: 0.20%

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

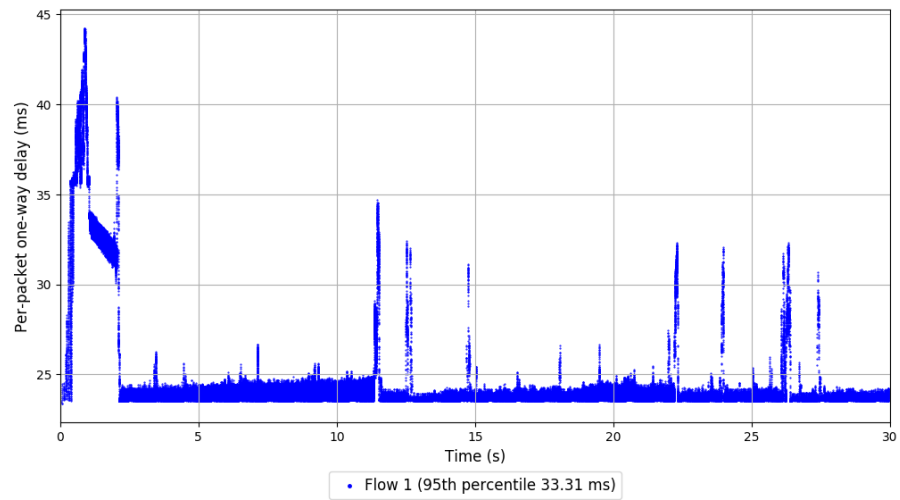
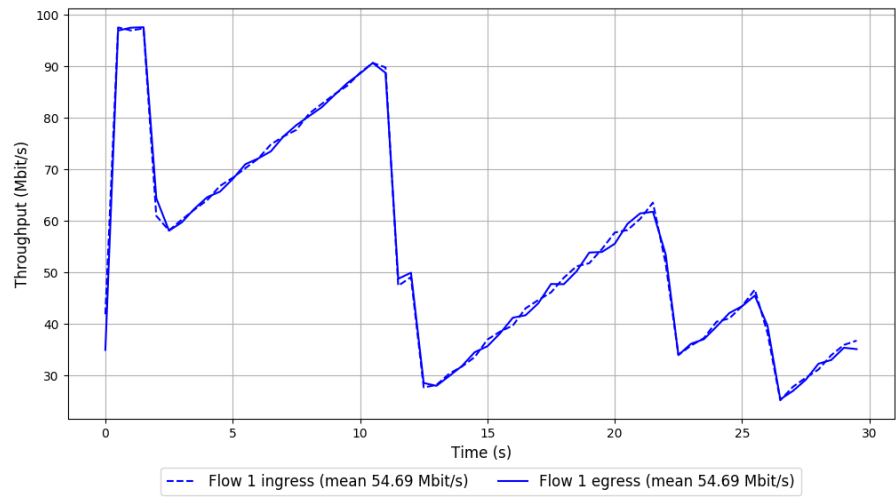


Run 9: Statistics of TCP Vegas

Start at: 2017-12-11 13:29:56  
End at: 2017-12-11 13:30:26  
Local clock offset: 1.516 ms  
Remote clock offset: -0.293 ms

# Below is generated by plot.py at 2017-12-11 17:20:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 54.69 Mbit/s  
95th percentile per-packet one-way delay: 33.313 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 54.69 Mbit/s  
95th percentile per-packet one-way delay: 33.313 ms  
Loss rate: 0.19%

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



Run 10: Statistics of TCP Vegas

Start at: 2017-12-11 13:48:41

End at: 2017-12-11 13:49:11

Local clock offset: 1.345 ms

Remote clock offset: 0.218 ms

# Below is generated by plot.py at 2017-12-11 17:20:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.75 Mbit/s

95th percentile per-packet one-way delay: 31.304 ms

Loss rate: 0.17%

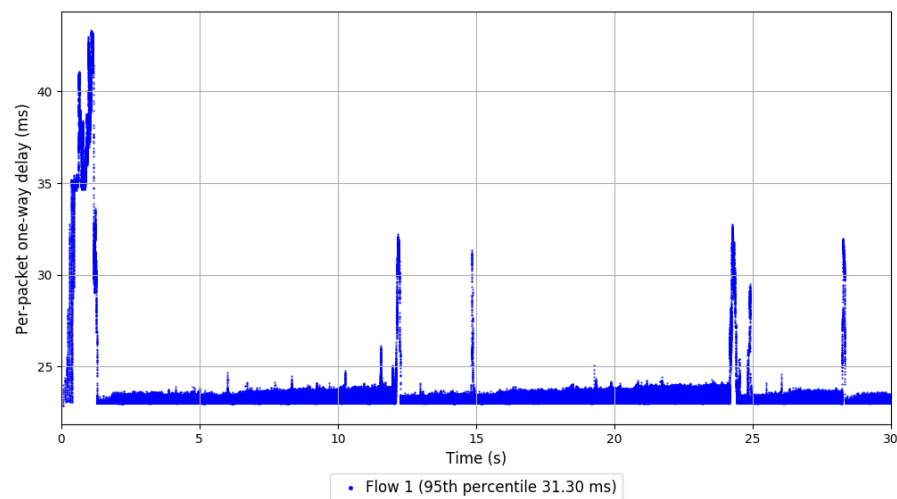
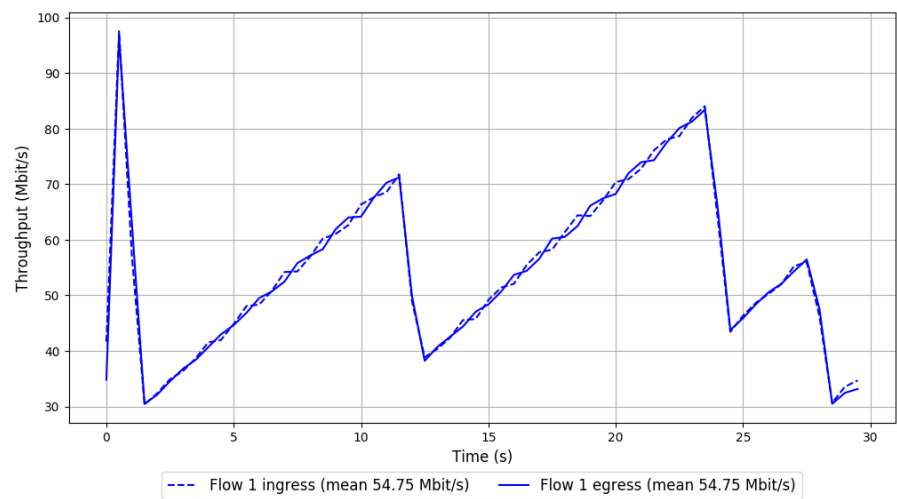
-- Flow 1:

Average throughput: 54.75 Mbit/s

95th percentile per-packet one-way delay: 31.304 ms

Loss rate: 0.17%

Run 10: Report of TCP Vegas — Data Link



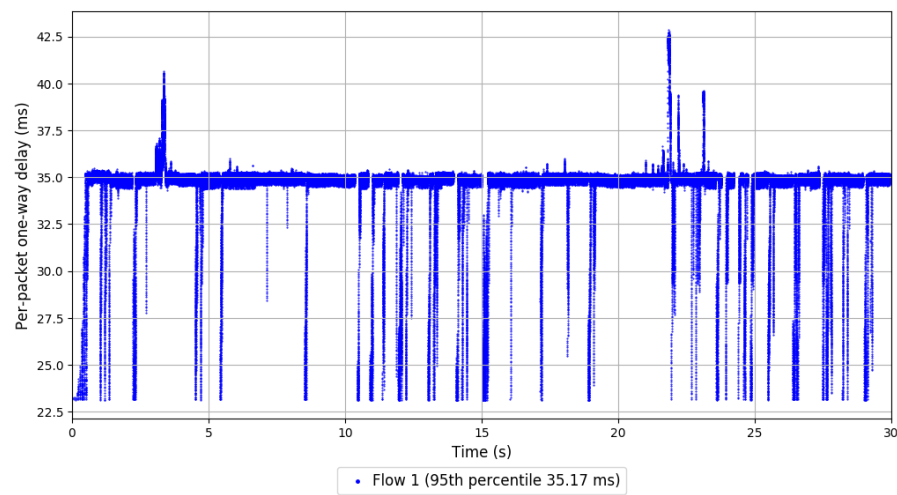
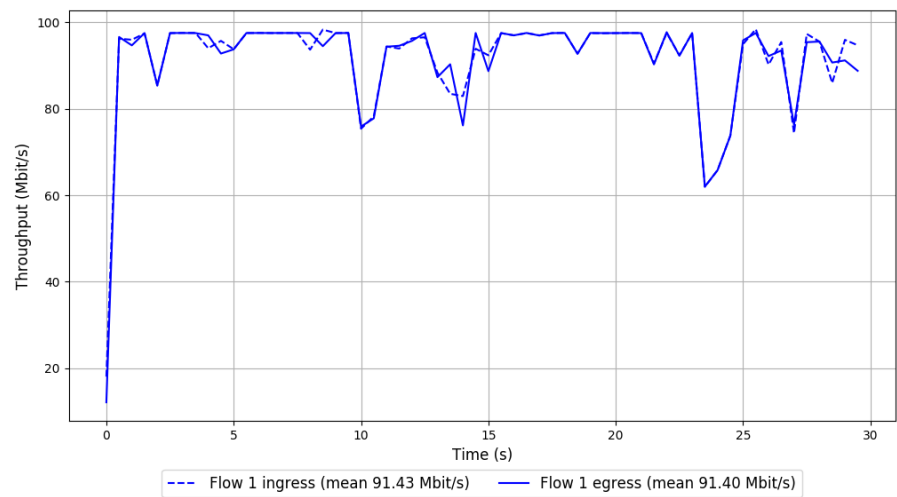
Run 1: Statistics of Verus

Start at: 2017-12-11 10:59:09  
End at: 2017-12-11 10:59:39  
Local clock offset: 3.766 ms  
Remote clock offset: -0.955 ms

# Below is generated by plot.py at 2017-12-11 17:20:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.40 Mbit/s  
95th percentile per-packet one-way delay: 35.174 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 91.40 Mbit/s  
95th percentile per-packet one-way delay: 35.174 ms  
Loss rate: 0.23%



Run 1: Report of Verus — Data Link

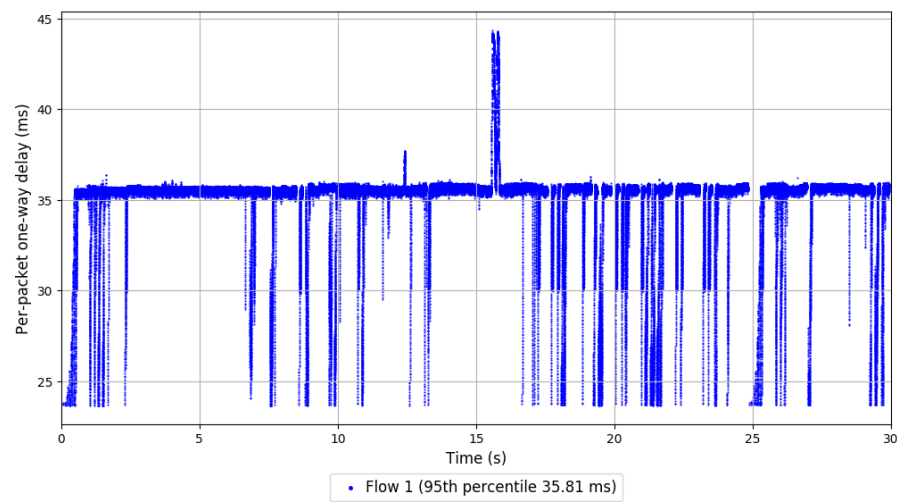
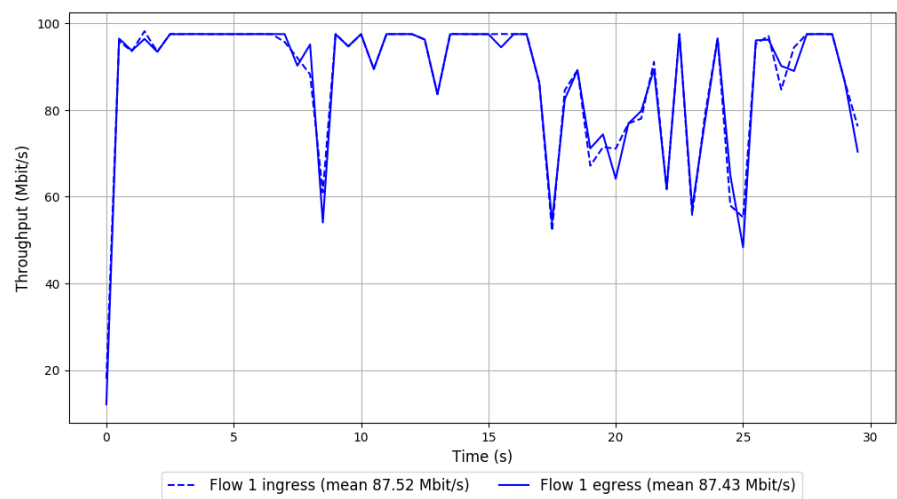


Run 2: Statistics of Verus

Start at: 2017-12-11 11:17:52  
End at: 2017-12-11 11:18:22  
Local clock offset: 3.356 ms  
Remote clock offset: -1.253 ms

# Below is generated by plot.py at 2017-12-11 17:20:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.43 Mbit/s  
95th percentile per-packet one-way delay: 35.808 ms  
Loss rate: 0.30%  
-- Flow 1:  
Average throughput: 87.43 Mbit/s  
95th percentile per-packet one-way delay: 35.808 ms  
Loss rate: 0.30%

Run 2: Report of Verus — Data Link

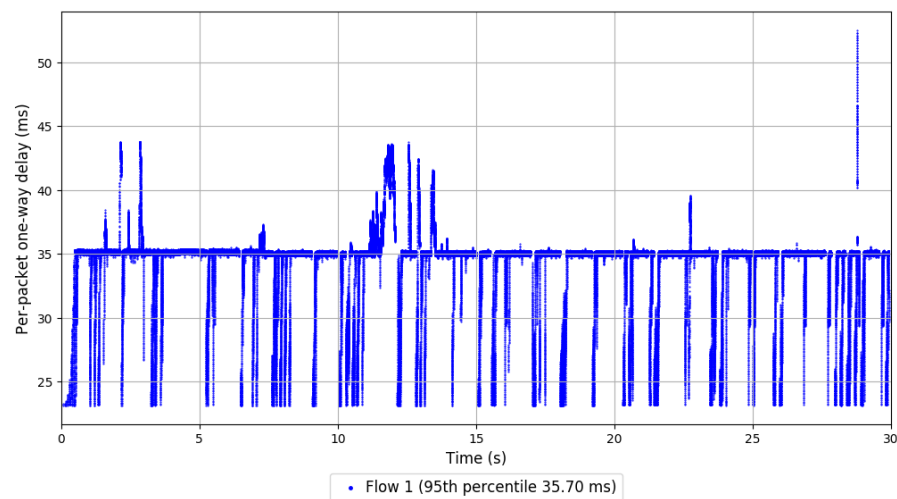
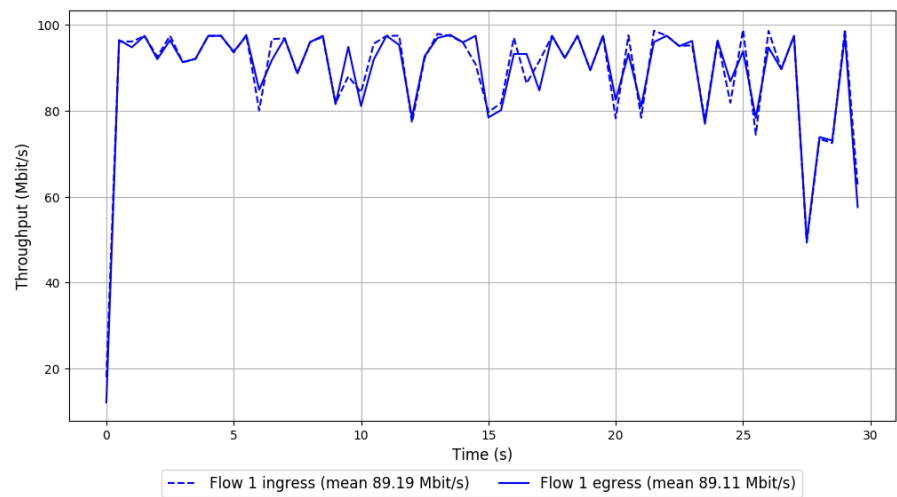


Run 3: Statistics of Verus

Start at: 2017-12-11 11:36:26  
End at: 2017-12-11 11:36:56  
Local clock offset: 2.455 ms  
Remote clock offset: -0.522 ms

# Below is generated by plot.py at 2017-12-11 17:20:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.11 Mbit/s  
95th percentile per-packet one-way delay: 35.704 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 89.11 Mbit/s  
95th percentile per-packet one-way delay: 35.704 ms  
Loss rate: 0.27%

Run 3: Report of Verus — Data Link

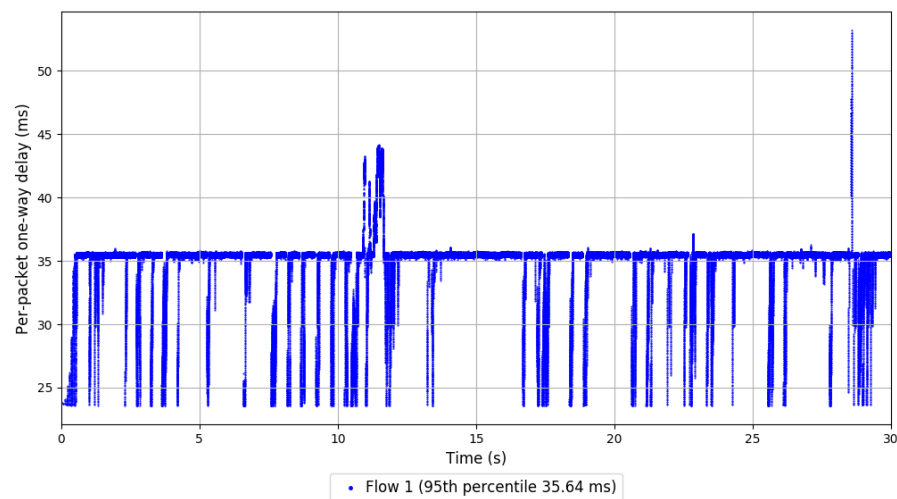
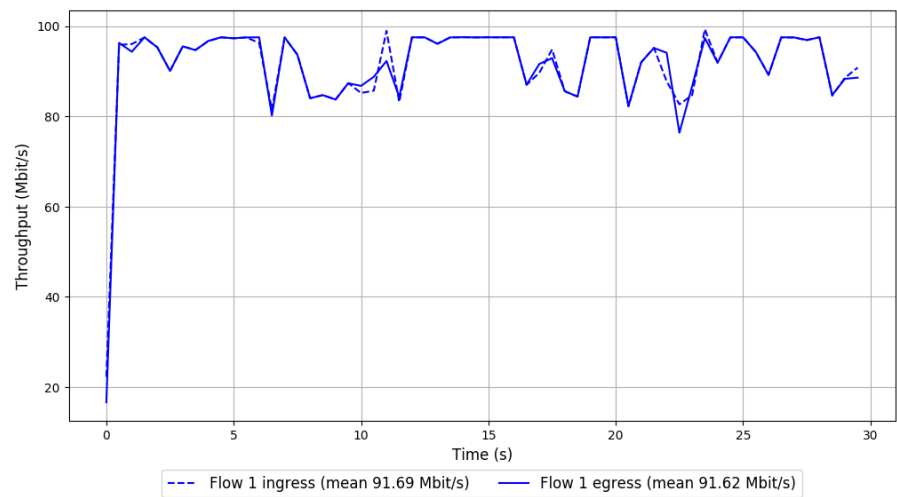


Run 4: Statistics of Verus

Start at: 2017-12-11 11:55:20  
End at: 2017-12-11 11:55:50  
Local clock offset: 2.278 ms  
Remote clock offset: -0.709 ms

# Below is generated by plot.py at 2017-12-11 17:20:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.62 Mbit/s  
95th percentile per-packet one-way delay: 35.639 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 91.62 Mbit/s  
95th percentile per-packet one-way delay: 35.639 ms  
Loss rate: 0.18%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-12-11 12:13:54

End at: 2017-12-11 12:14:24

Local clock offset: 2.3 ms

Remote clock offset: 0.218 ms

# Below is generated by plot.py at 2017-12-11 17:20:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.33 Mbit/s

95th percentile per-packet one-way delay: 39.290 ms

Loss rate: 0.41%

-- Flow 1:

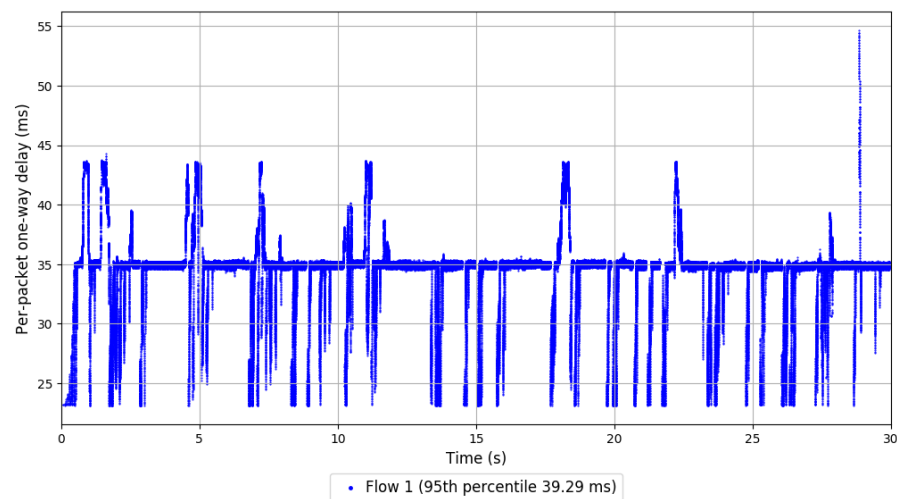
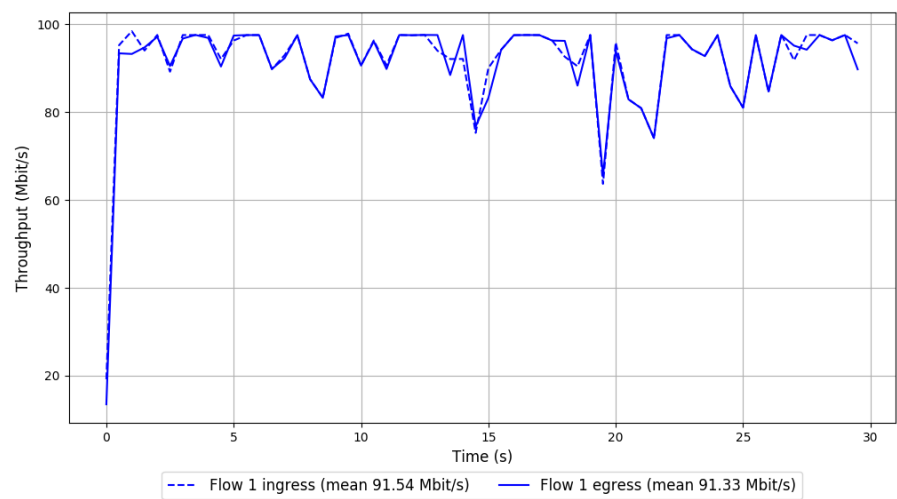
Average throughput: 91.33 Mbit/s

95th percentile per-packet one-way delay: 39.290 ms

Loss rate: 0.41%



Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-12-11 12:32:25

End at: 2017-12-11 12:32:55

Local clock offset: 2.105 ms

Remote clock offset: -2.1 ms

# Below is generated by plot.py at 2017-12-11 17:20:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.73 Mbit/s

95th percentile per-packet one-way delay: 41.879 ms

Loss rate: 0.29%

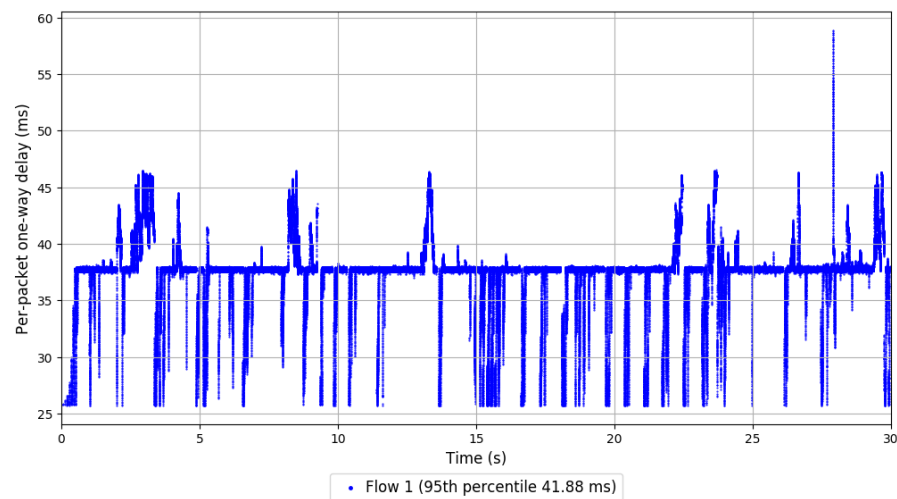
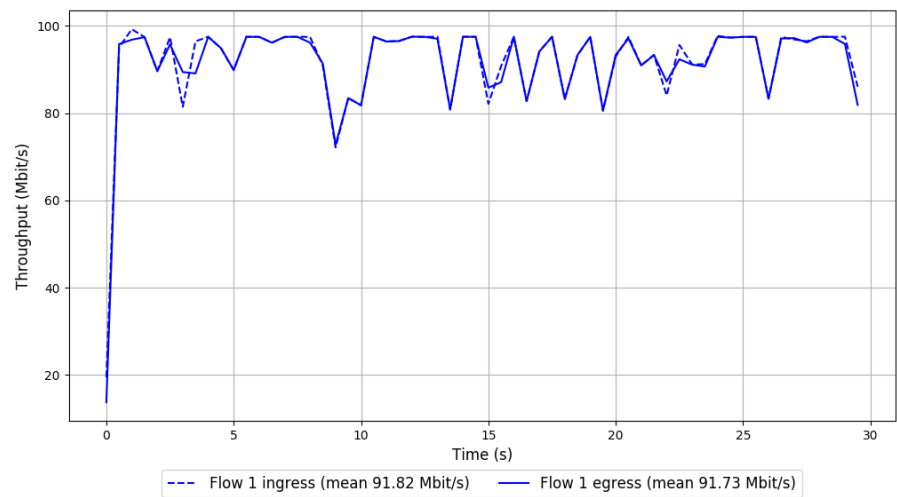
-- Flow 1:

Average throughput: 91.73 Mbit/s

95th percentile per-packet one-way delay: 41.879 ms

Loss rate: 0.29%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2017-12-11 12:51:12

End at: 2017-12-11 12:51:42

Local clock offset: 1.777 ms

Remote clock offset: 0.335 ms

# Below is generated by plot.py at 2017-12-11 17:20:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.95 Mbit/s

95th percentile per-packet one-way delay: 39.026 ms

Loss rate: 0.49%

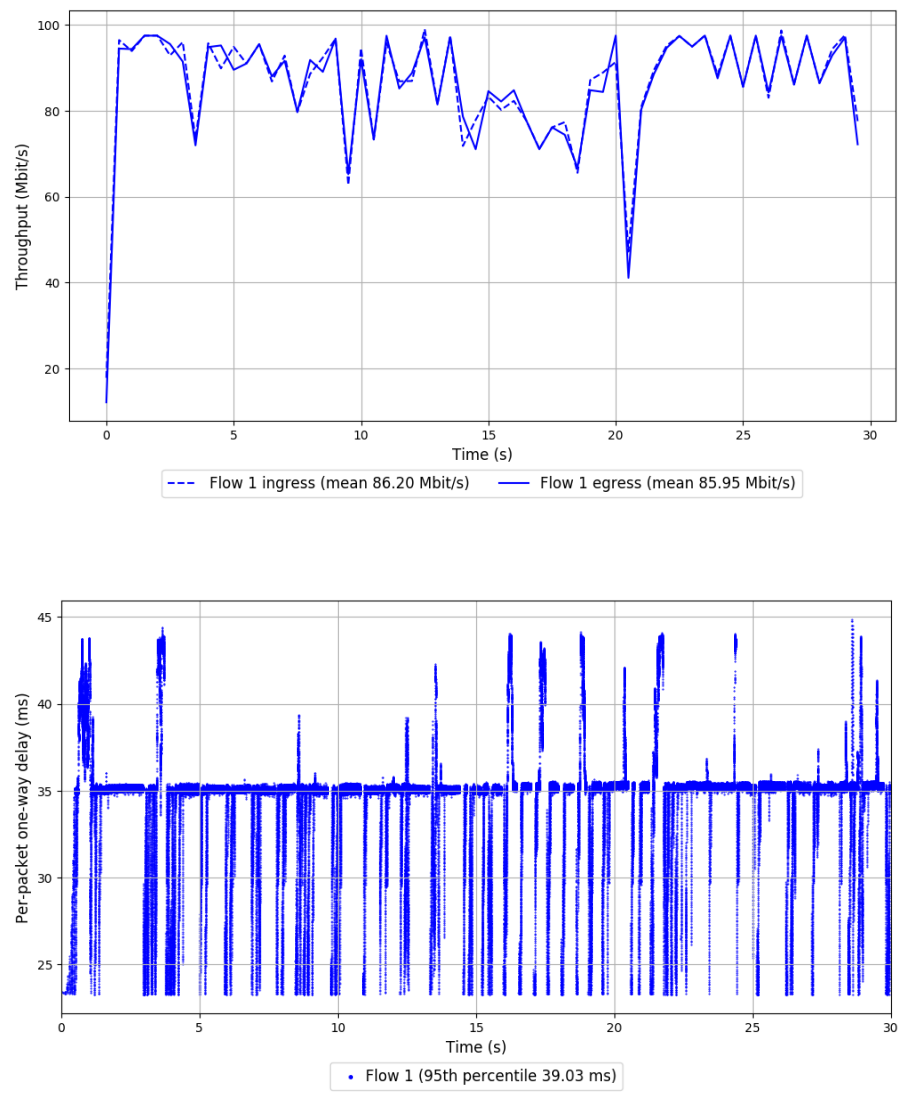
-- Flow 1:

Average throughput: 85.95 Mbit/s

95th percentile per-packet one-way delay: 39.026 ms

Loss rate: 0.49%

Run 7: Report of Verus — Data Link

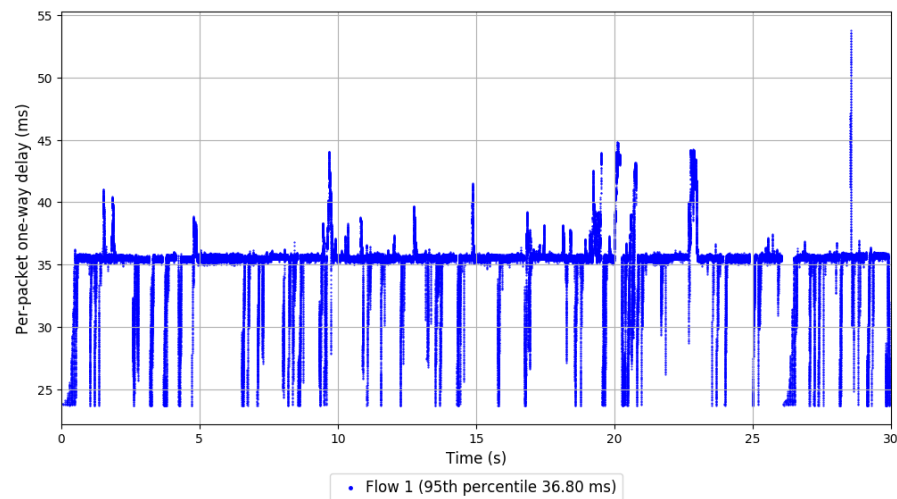
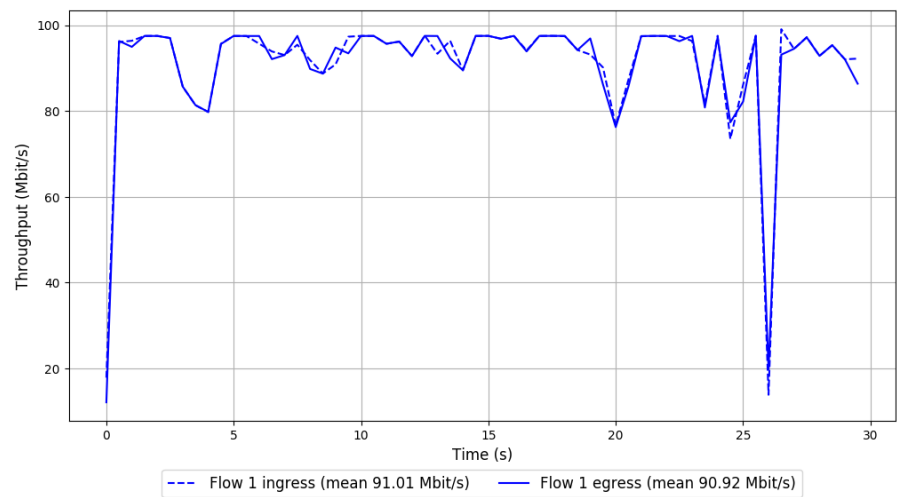


Run 8: Statistics of Verus

Start at: 2017-12-11 13:09:40  
End at: 2017-12-11 13:10:10  
Local clock offset: 1.534 ms  
Remote clock offset: -0.313 ms

# Below is generated by plot.py at 2017-12-11 17:21:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.92 Mbit/s  
95th percentile per-packet one-way delay: 36.805 ms  
Loss rate: 0.30%  
-- Flow 1:  
Average throughput: 90.92 Mbit/s  
95th percentile per-packet one-way delay: 36.805 ms  
Loss rate: 0.30%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-12-11 13:28:26

End at: 2017-12-11 13:28:56

Local clock offset: 1.531 ms

Remote clock offset: 0.026 ms

# Below is generated by plot.py at 2017-12-11 17:21:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.74 Mbit/s

95th percentile per-packet one-way delay: 40.744 ms

Loss rate: 0.46%

-- Flow 1:

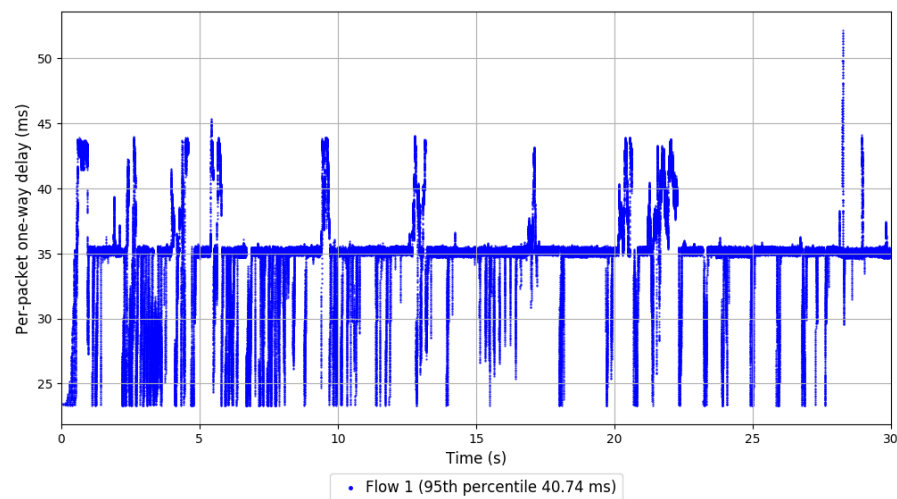
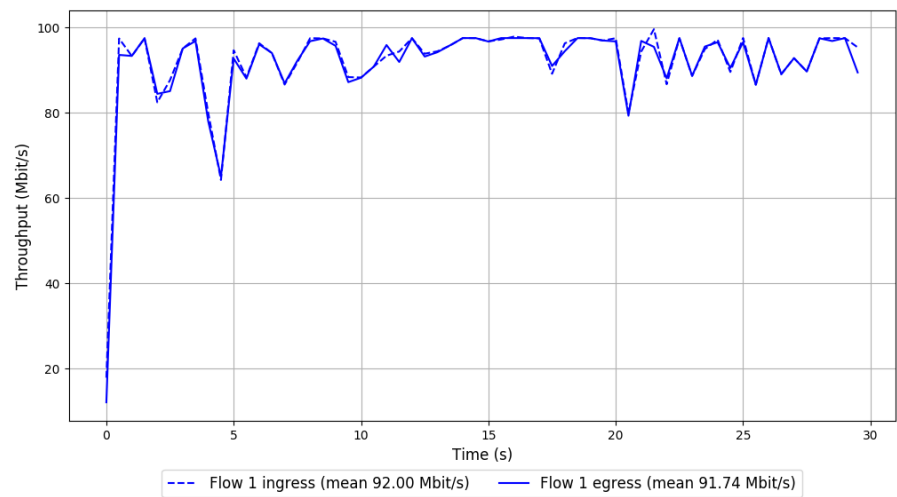
Average throughput: 91.74 Mbit/s

95th percentile per-packet one-way delay: 40.744 ms

Loss rate: 0.46%



Run 9: Report of Verus — Data Link

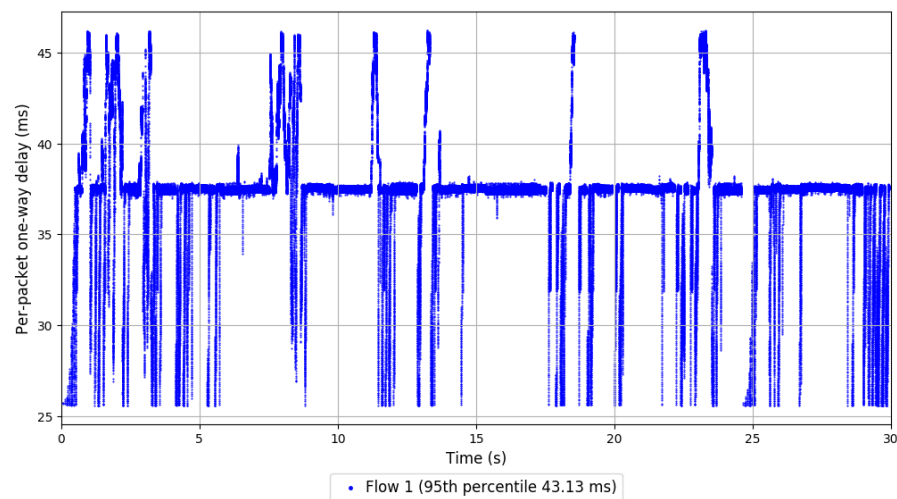
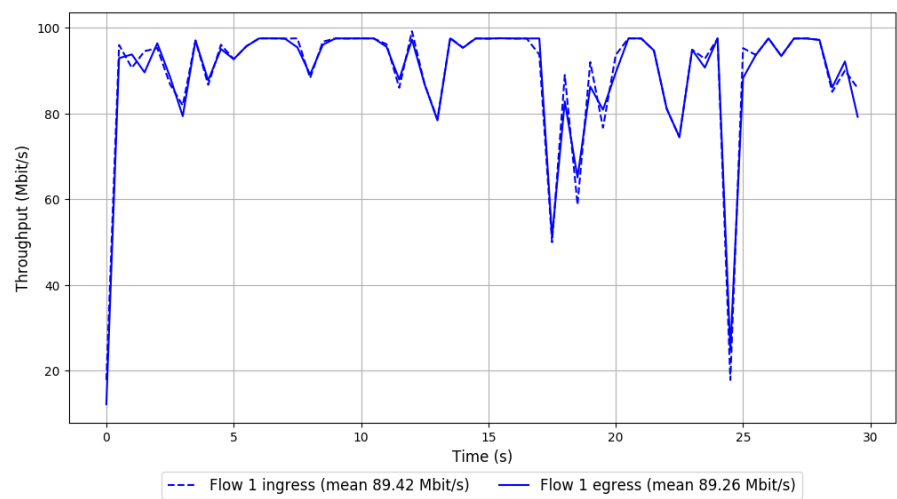


Run 10: Statistics of Verus

Start at: 2017-12-11 13:47:19  
End at: 2017-12-11 13:47:49  
Local clock offset: 1.337 ms  
Remote clock offset: -2.334 ms

# Below is generated by plot.py at 2017-12-11 17:21:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.26 Mbit/s  
95th percentile per-packet one-way delay: 43.126 ms  
Loss rate: 0.36%  
-- Flow 1:  
Average throughput: 89.26 Mbit/s  
95th percentile per-packet one-way delay: 43.126 ms  
Loss rate: 0.36%

Run 10: Report of Verus — Data Link

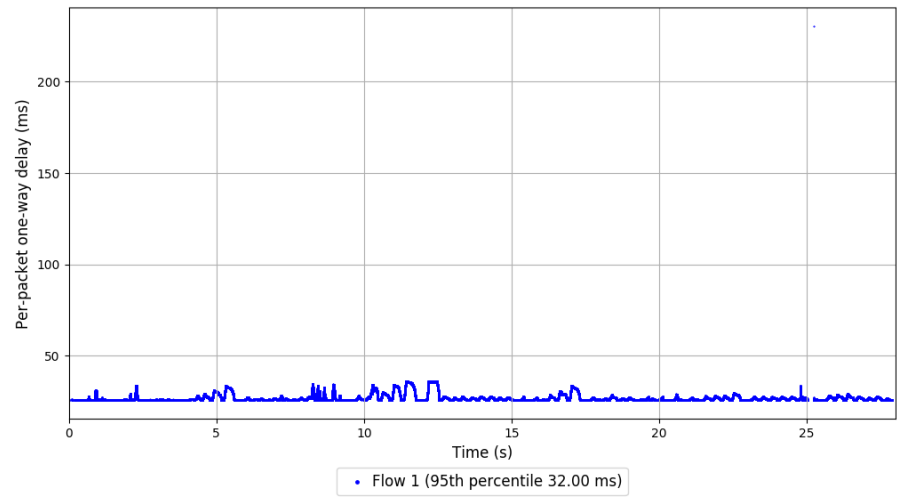
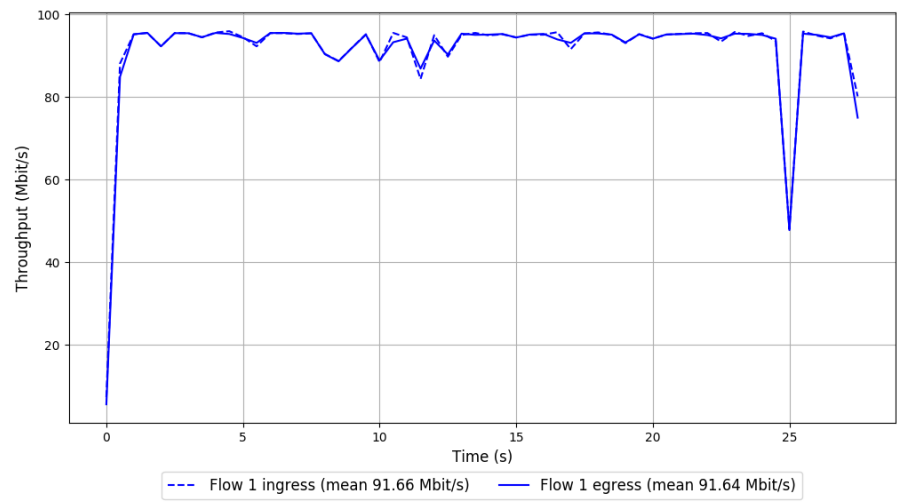


Run 1: Statistics of Copa

Start at: 2017-12-11 10:52:37  
End at: 2017-12-11 10:53:07  
Local clock offset: 3.781 ms  
Remote clock offset: -3.434 ms

# Below is generated by plot.py at 2017-12-11 17:22:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.64 Mbit/s  
95th percentile per-packet one-way delay: 32.001 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 91.64 Mbit/s  
95th percentile per-packet one-way delay: 32.001 ms  
Loss rate: 0.21%

Run 1: Report of Copa — Data Link

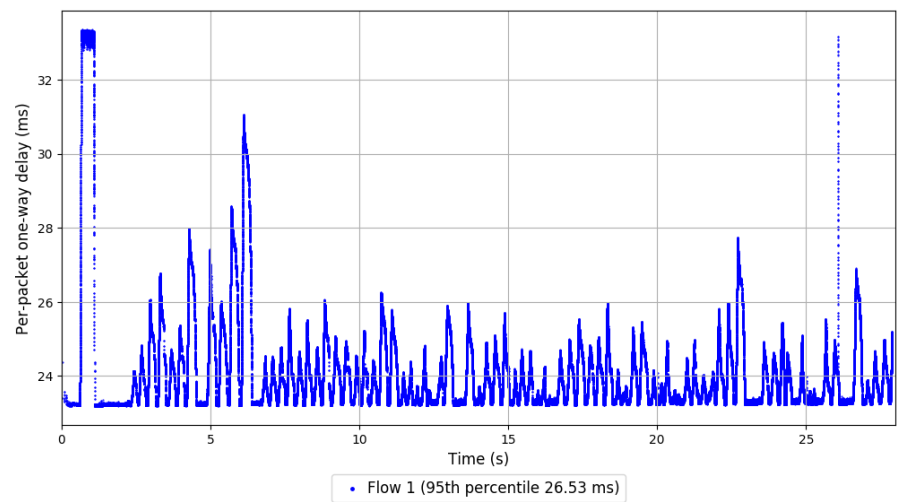
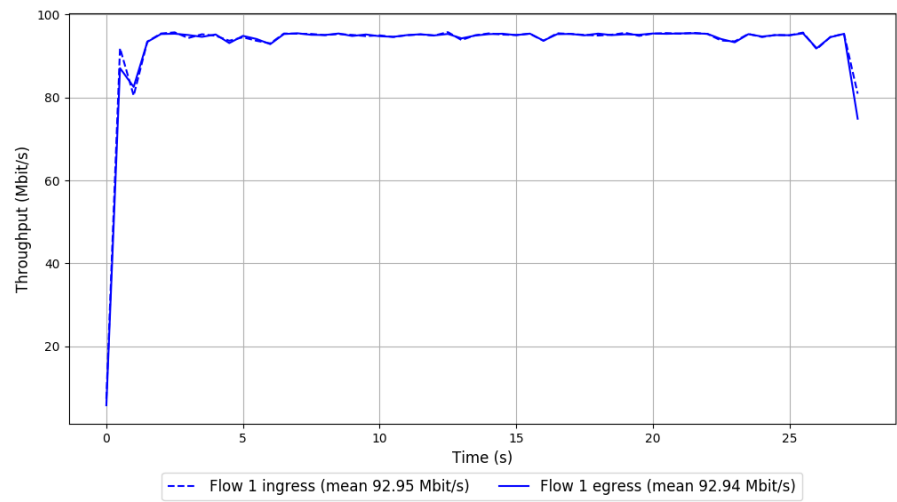


Run 2: Statistics of Copa

Start at: 2017-12-11 11:11:15  
End at: 2017-12-11 11:11:45  
Local clock offset: 3.943 ms  
Remote clock offset: -0.771 ms

# Below is generated by plot.py at 2017-12-11 17:22:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.94 Mbit/s  
95th percentile per-packet one-way delay: 26.533 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 92.94 Mbit/s  
95th percentile per-packet one-way delay: 26.533 ms  
Loss rate: 0.20%

Run 2: Report of Copa — Data Link



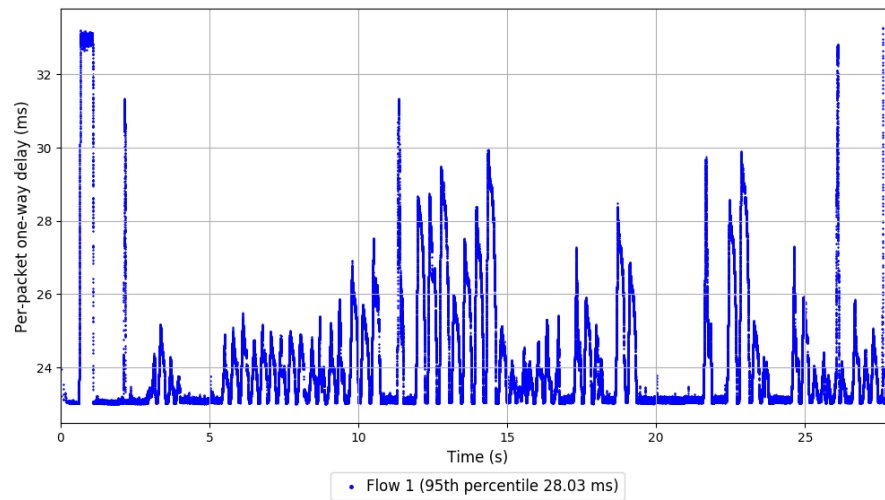
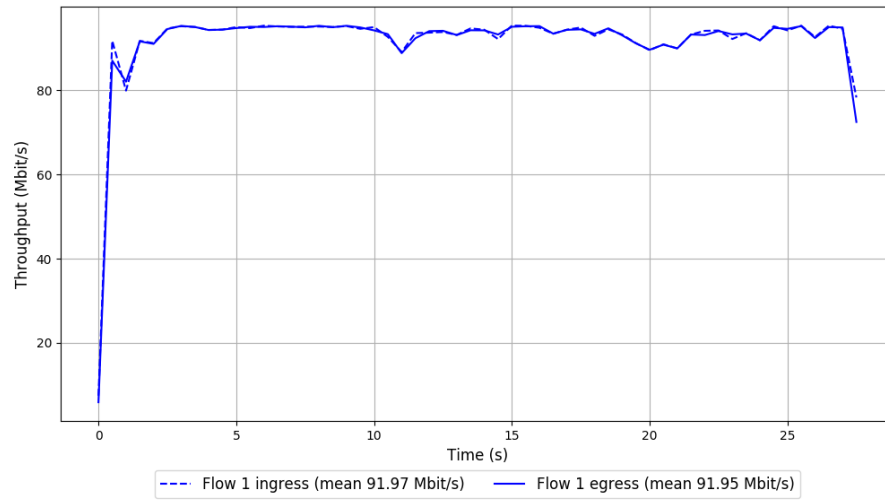
Run 3: Statistics of Copa

Start at: 2017-12-11 11:29:55  
End at: 2017-12-11 11:30:25  
Local clock offset: 2.804 ms  
Remote clock offset: -0.523 ms

# Below is generated by plot.py at 2017-12-11 17:22:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.95 Mbit/s  
95th percentile per-packet one-way delay: 28.031 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 91.95 Mbit/s  
95th percentile per-packet one-way delay: 28.031 ms  
Loss rate: 0.22%



### Run 3: Report of Copa — Data Link

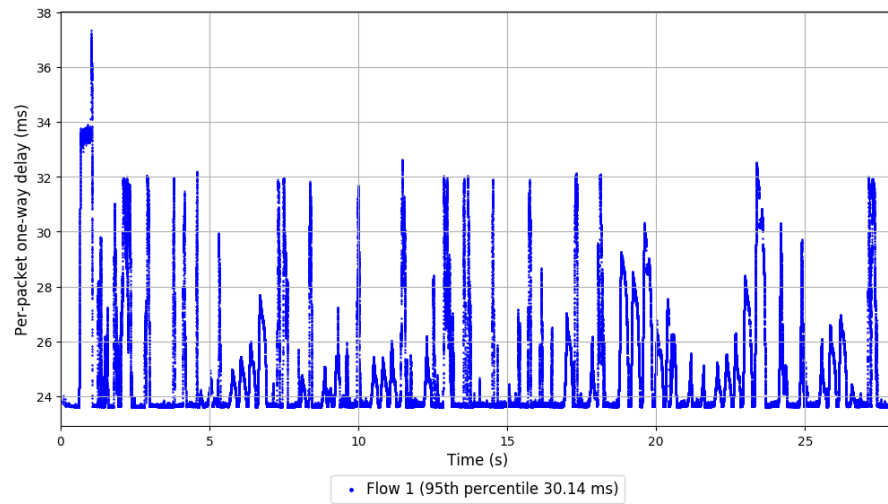
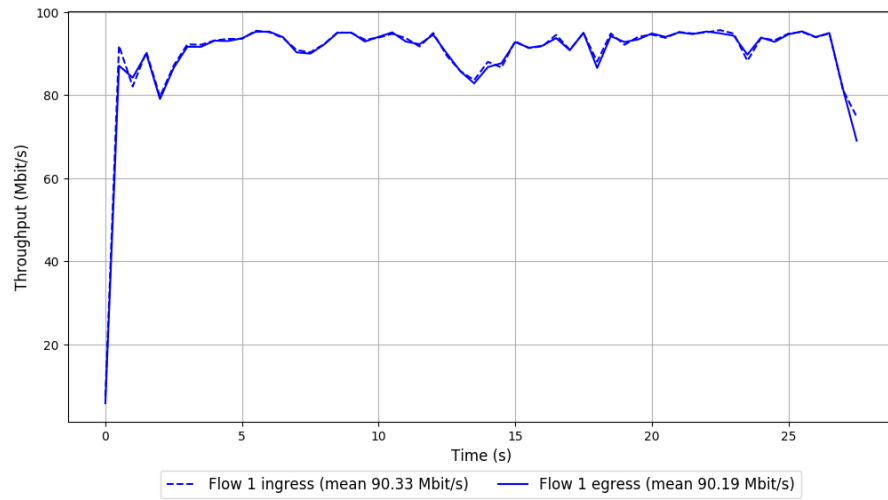


Run 4: Statistics of Copa

Start at: 2017-12-11 11:48:42  
End at: 2017-12-11 11:49:12  
Local clock offset: 2.387 ms  
Remote clock offset: -0.814 ms

# Below is generated by plot.py at 2017-12-11 17:23:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.19 Mbit/s  
95th percentile per-packet one-way delay: 30.144 ms  
Loss rate: 0.35%  
-- Flow 1:  
Average throughput: 90.19 Mbit/s  
95th percentile per-packet one-way delay: 30.144 ms  
Loss rate: 0.35%

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



Run 5: Statistics of Copa

Start at: 2017-12-11 12:07:25

End at: 2017-12-11 12:07:55

Local clock offset: 2.261 ms

Remote clock offset: 0.044 ms

# Below is generated by plot.py at 2017-12-11 17:23:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.67 Mbit/s

95th percentile per-packet one-way delay: 26.178 ms

Loss rate: 0.20%

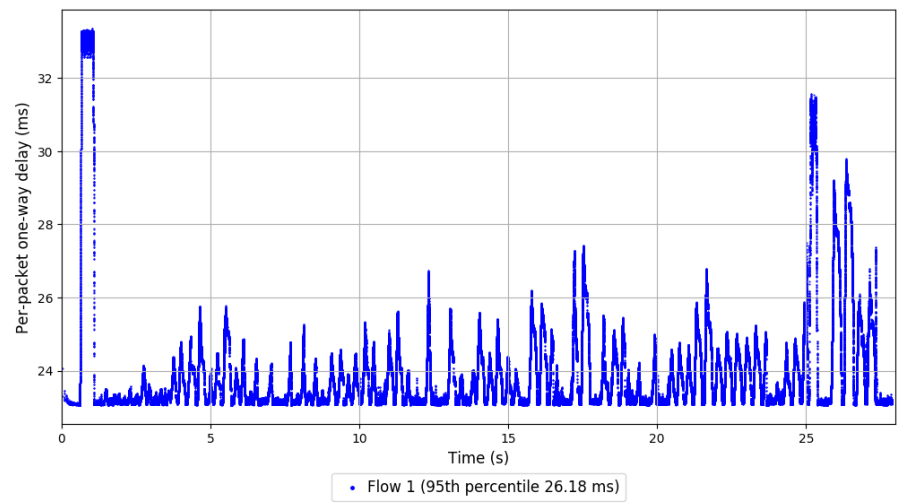
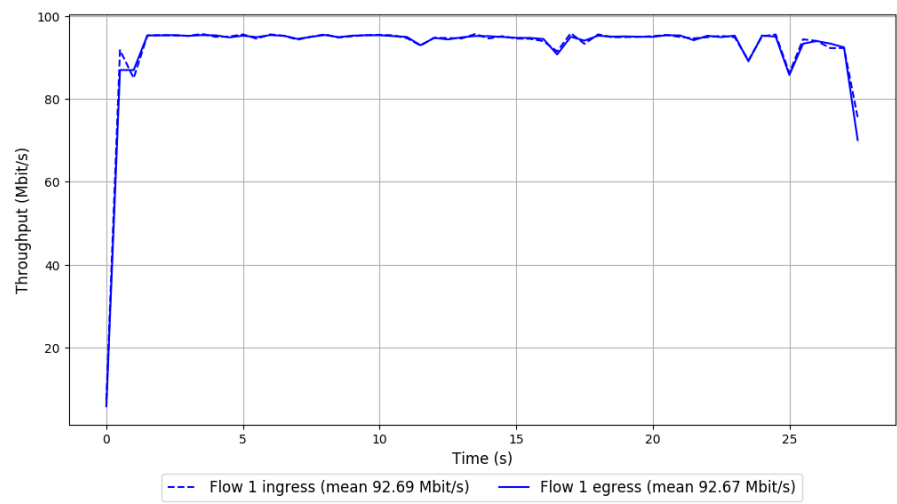
-- Flow 1:

Average throughput: 92.67 Mbit/s

95th percentile per-packet one-way delay: 26.178 ms

Loss rate: 0.20%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2017-12-11 12:25:55

End at: 2017-12-11 12:26:25

Local clock offset: 2.273 ms

Remote clock offset: -2.09 ms

# Below is generated by plot.py at 2017-12-11 17:23:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.01 Mbit/s

95th percentile per-packet one-way delay: 34.016 ms

Loss rate: 0.60%

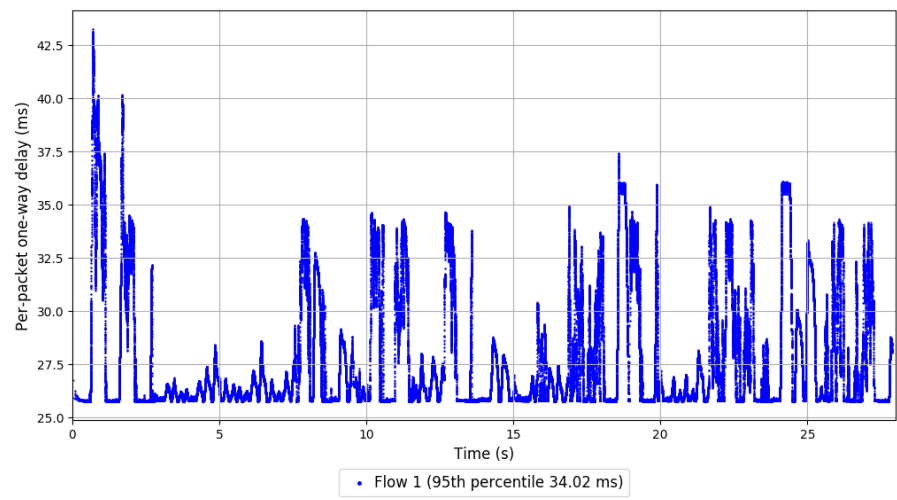
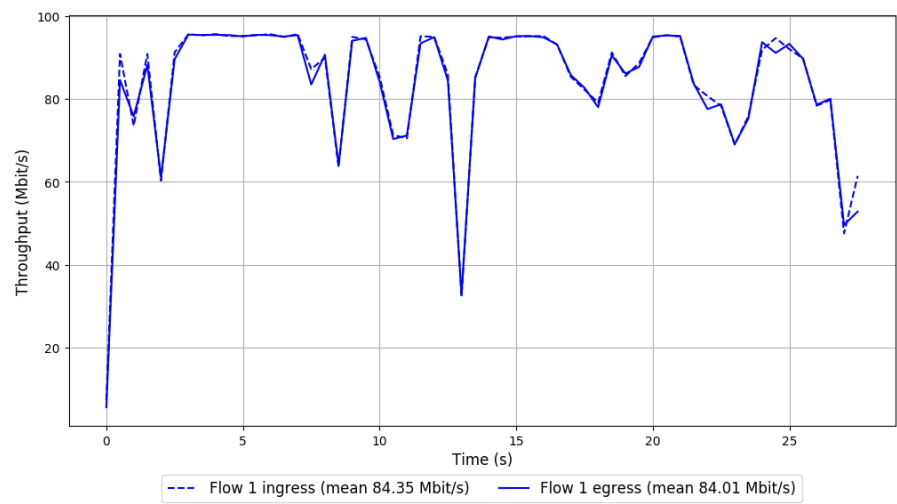
-- Flow 1:

Average throughput: 84.01 Mbit/s

95th percentile per-packet one-way delay: 34.016 ms

Loss rate: 0.60%

Run 6: Report of Copa — Data Link



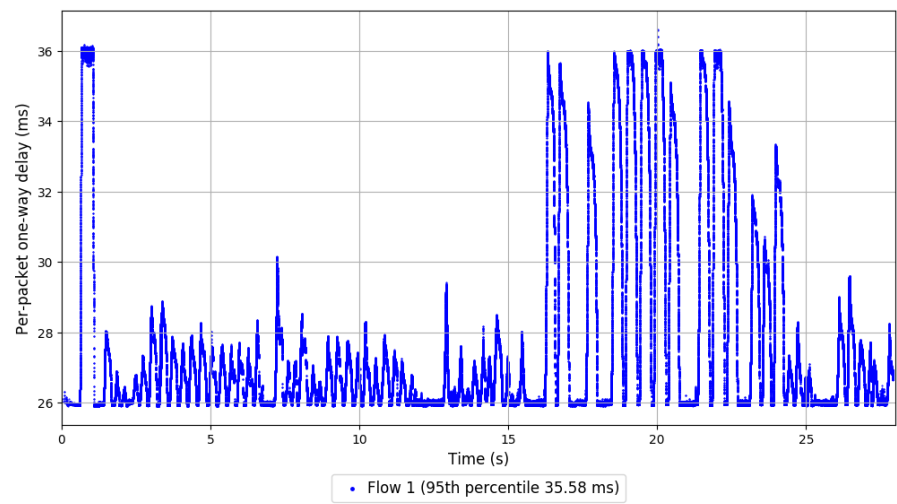
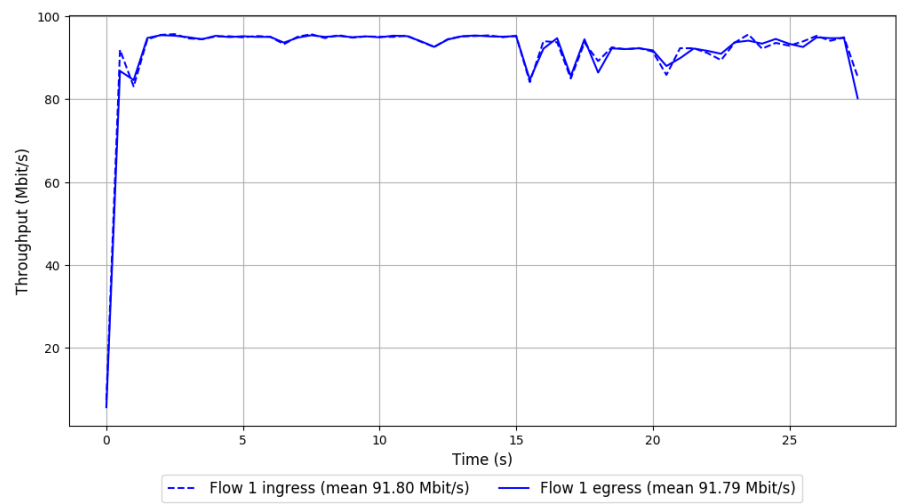
Run 7: Statistics of Copa

Start at: 2017-12-11 12:44:35  
End at: 2017-12-11 12:45:05  
Local clock offset: 1.939 ms  
Remote clock offset: -2.221 ms

# Below is generated by plot.py at 2017-12-11 17:23:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.79 Mbit/s  
95th percentile per-packet one-way delay: 35.579 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 91.79 Mbit/s  
95th percentile per-packet one-way delay: 35.579 ms  
Loss rate: 0.20%



Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2017-12-11 13:03:09

End at: 2017-12-11 13:03:39

Local clock offset: 1.703 ms

Remote clock offset: 0.266 ms

# Below is generated by plot.py at 2017-12-11 17:23:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.52 Mbit/s

95th percentile per-packet one-way delay: 27.472 ms

Loss rate: 0.25%

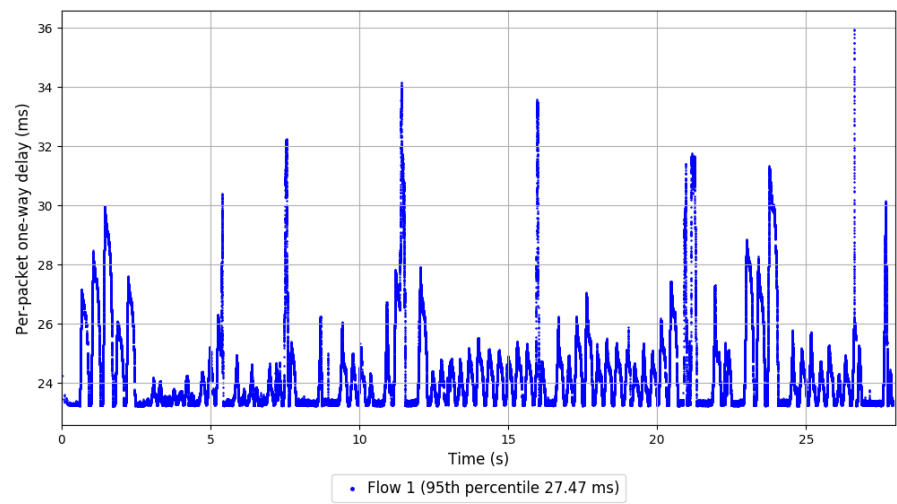
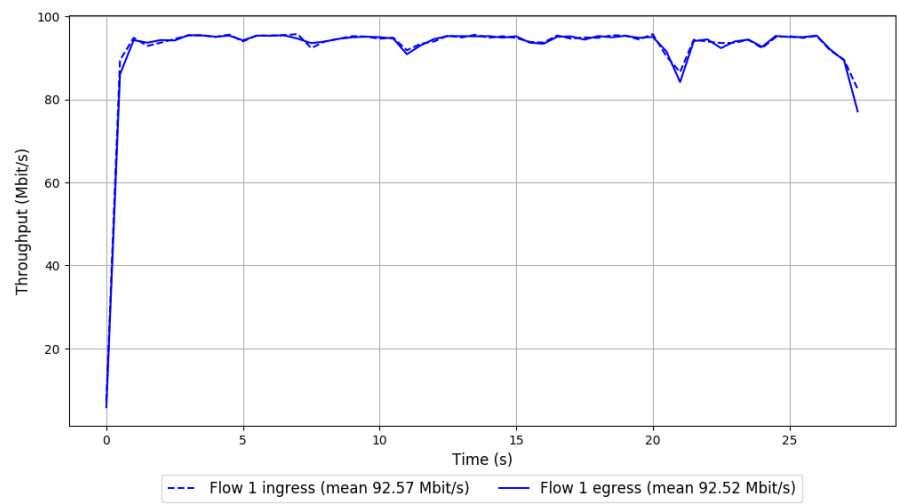
-- Flow 1:

Average throughput: 92.52 Mbit/s

95th percentile per-packet one-way delay: 27.472 ms

Loss rate: 0.25%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-12-11 13:21:56

End at: 2017-12-11 13:22:26

Local clock offset: 1.468 ms

Remote clock offset: 0.182 ms

# Below is generated by plot.py at 2017-12-11 17:24:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.14 Mbit/s

95th percentile per-packet one-way delay: 27.904 ms

Loss rate: 0.23%

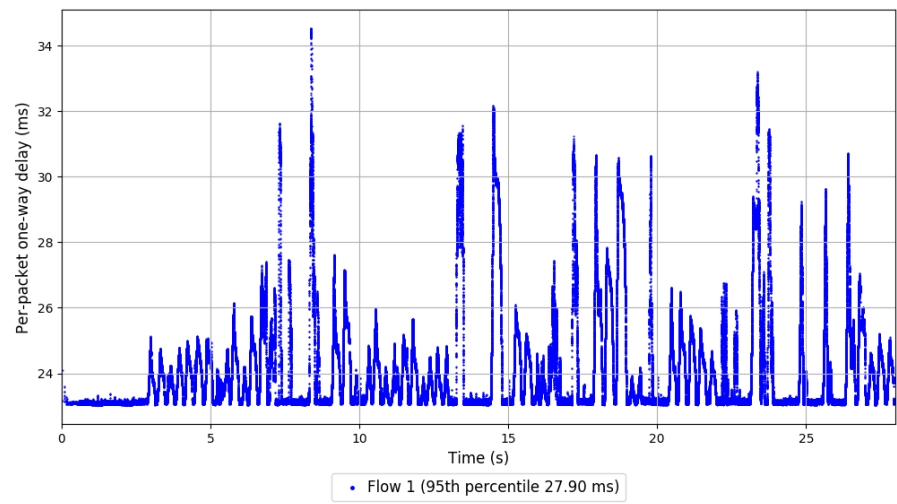
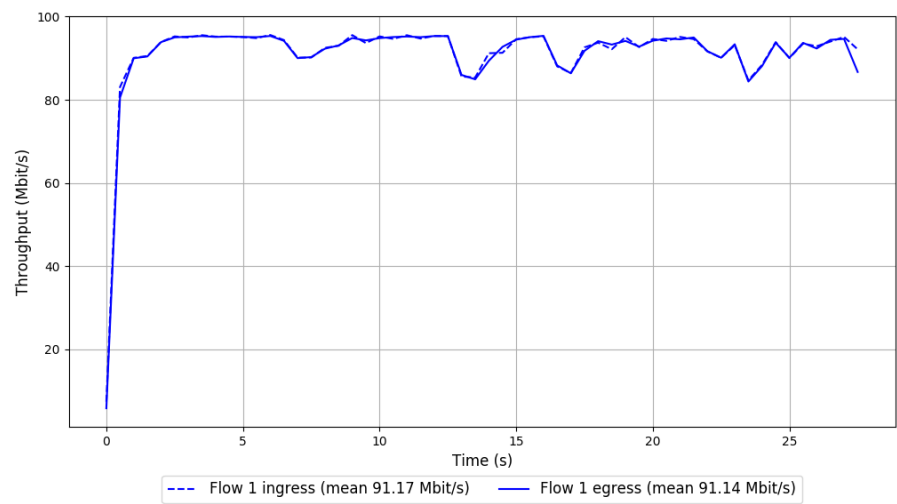
-- Flow 1:

Average throughput: 91.14 Mbit/s

95th percentile per-packet one-way delay: 27.904 ms

Loss rate: 0.23%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-12-11 13:40:44

End at: 2017-12-11 13:41:14

Local clock offset: 1.394 ms

Remote clock offset: -2.511 ms

# Below is generated by plot.py at 2017-12-11 17:25:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.76 Mbit/s

95th percentile per-packet one-way delay: 32.333 ms

Loss rate: 0.27%

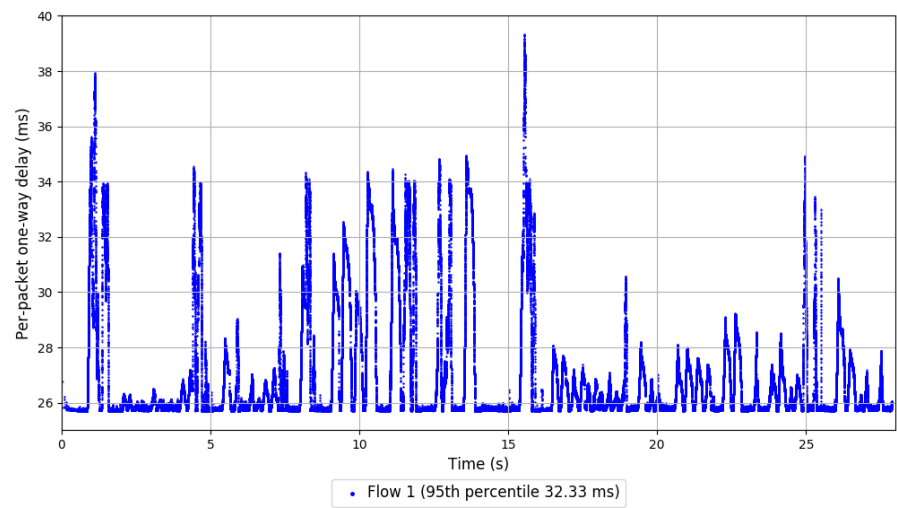
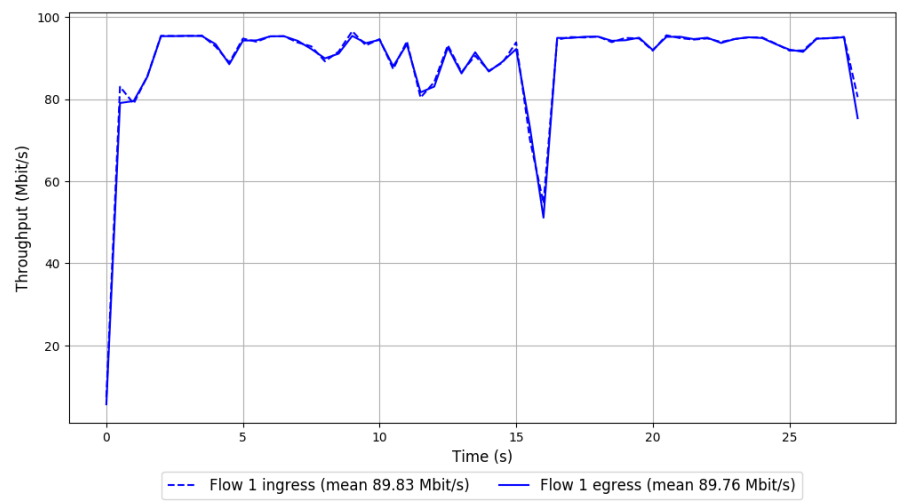
-- Flow 1:

Average throughput: 89.76 Mbit/s

95th percentile per-packet one-way delay: 32.333 ms

Loss rate: 0.27%

Run 10: Report of Copa — Data Link



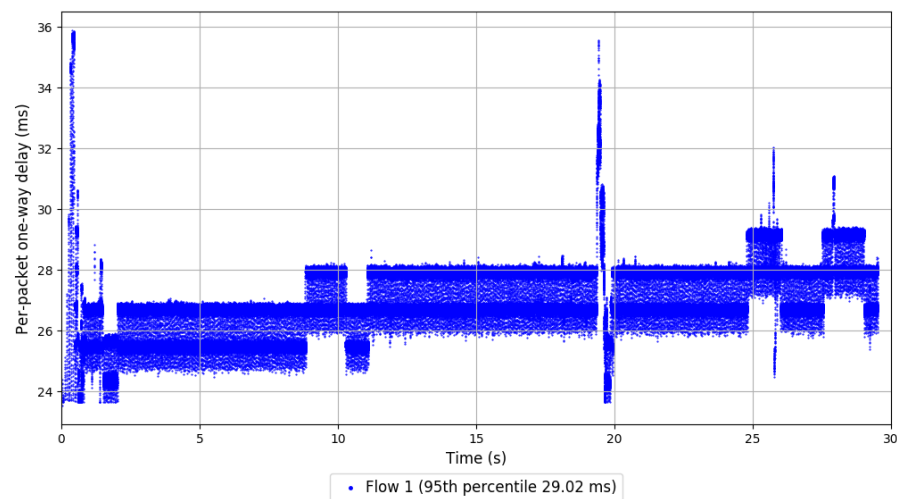
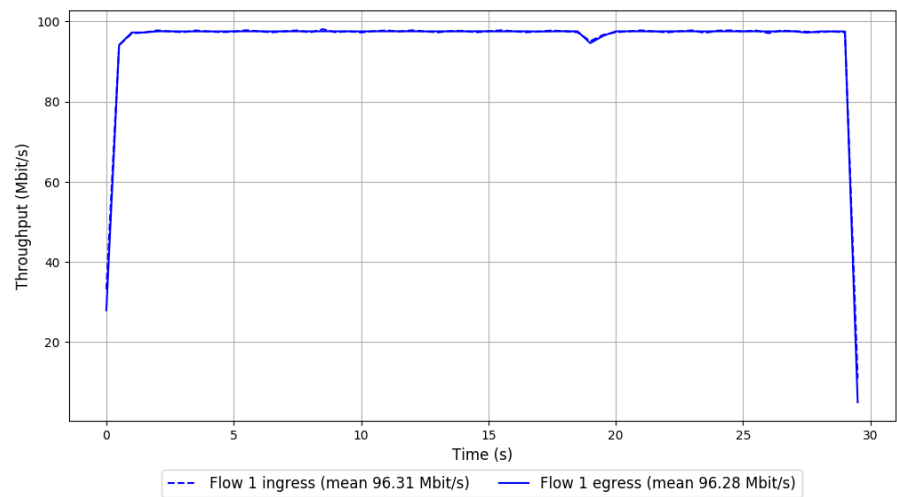
Run 1: Statistics of Indigo

Start at: 2017-12-11 11:05:49  
End at: 2017-12-11 11:06:19  
Local clock offset: 3.905 ms  
Remote clock offset: -1.267 ms

# Below is generated by plot.py at 2017-12-11 17:25:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.28 Mbit/s  
95th percentile per-packet one-way delay: 29.024 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 96.28 Mbit/s  
95th percentile per-packet one-way delay: 29.024 ms  
Loss rate: 0.20%



Run 1: Report of Indigo — Data Link

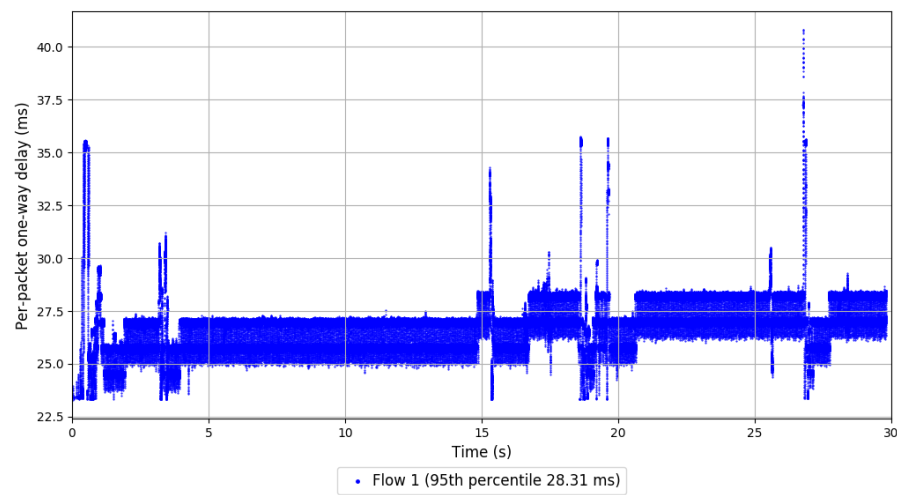
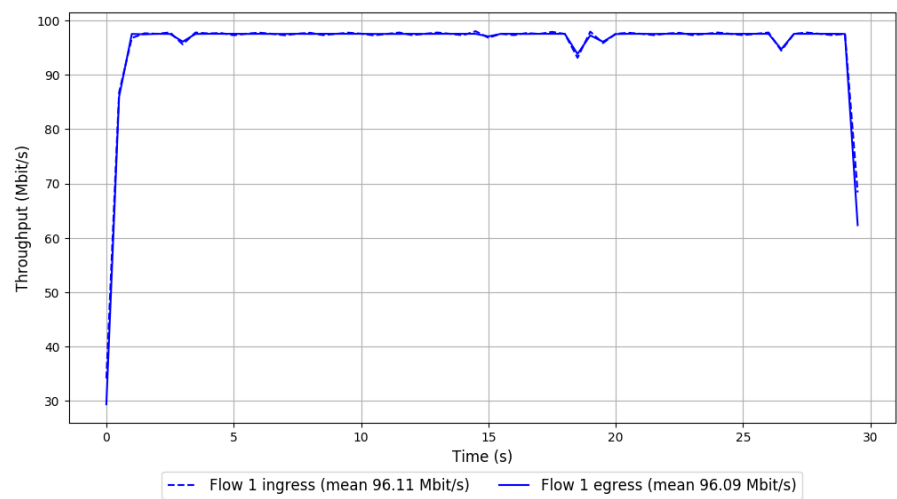


Run 2: Statistics of Indigo

Start at: 2017-12-11 11:24:30  
End at: 2017-12-11 11:25:00  
Local clock offset: 3.079 ms  
Remote clock offset: -0.734 ms

# Below is generated by plot.py at 2017-12-11 17:25:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.09 Mbit/s  
95th percentile per-packet one-way delay: 28.309 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 96.09 Mbit/s  
95th percentile per-packet one-way delay: 28.309 ms  
Loss rate: 0.20%

Run 2: Report of Indigo — Data Link

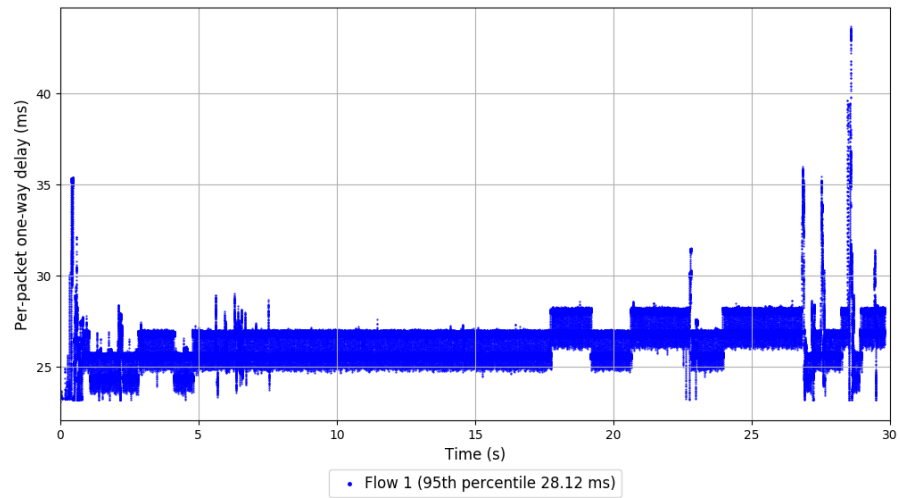
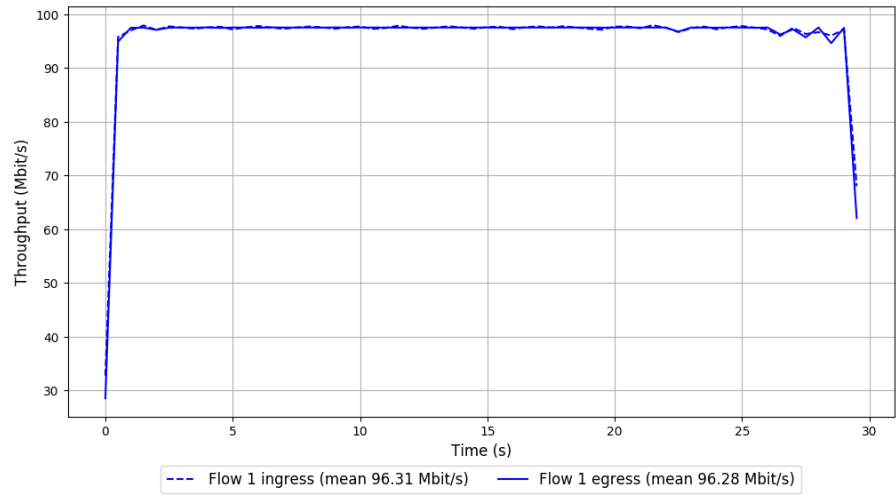


Run 3: Statistics of Indigo

Start at: 2017-12-11 11:43:07  
End at: 2017-12-11 11:43:37  
Local clock offset: 2.348 ms  
Remote clock offset: -0.477 ms

# Below is generated by plot.py at 2017-12-11 17:25:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.28 Mbit/s  
95th percentile per-packet one-way delay: 28.116 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 96.28 Mbit/s  
95th percentile per-packet one-way delay: 28.116 ms  
Loss rate: 0.21%

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

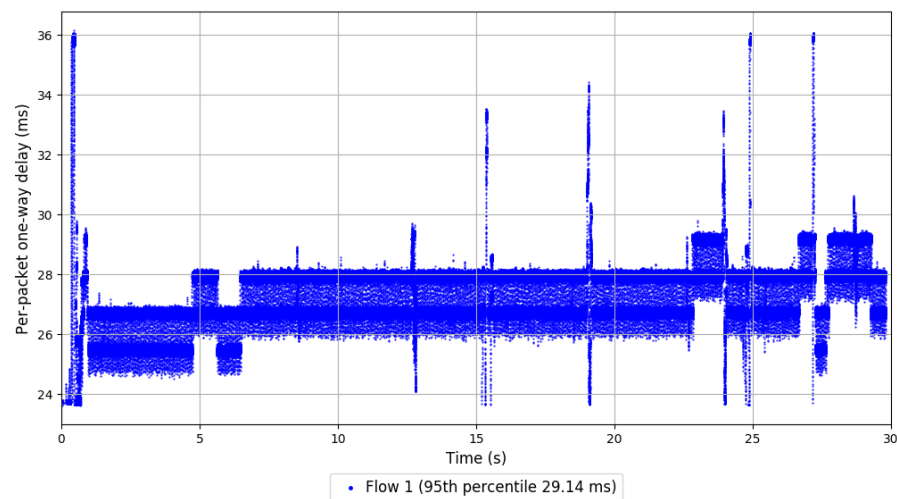
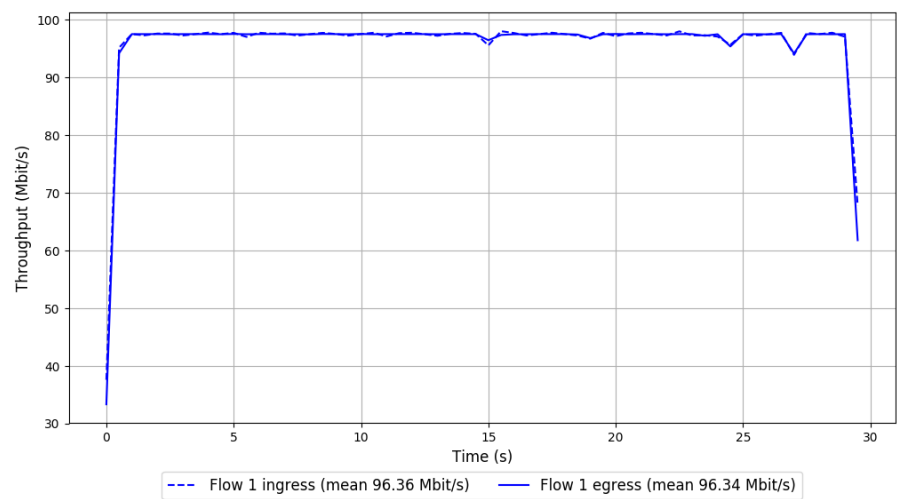


Run 4: Statistics of Indigo

Start at: 2017-12-11 12:02:02  
End at: 2017-12-11 12:02:32  
Local clock offset: 2.259 ms  
Remote clock offset: -0.684 ms

# Below is generated by plot.py at 2017-12-11 17:25:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.34 Mbit/s  
95th percentile per-packet one-way delay: 29.139 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 96.34 Mbit/s  
95th percentile per-packet one-way delay: 29.139 ms  
Loss rate: 0.20%

Run 4: Report of Indigo — Data Link



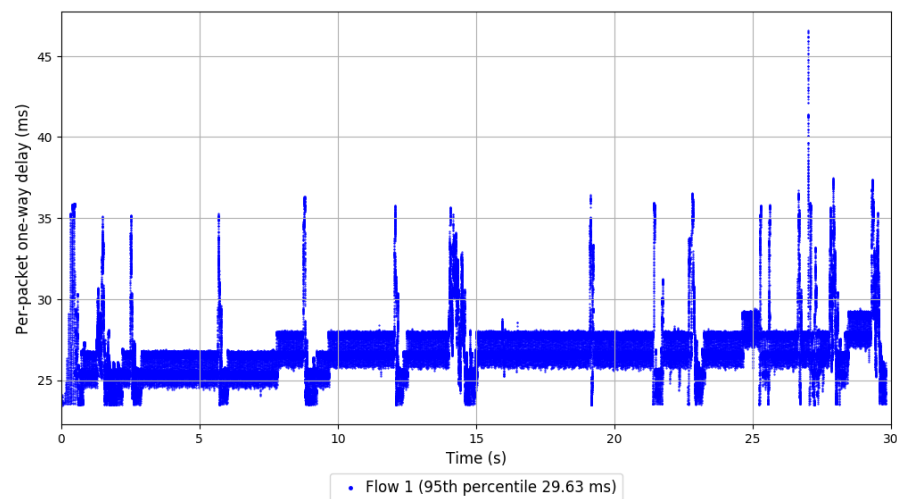
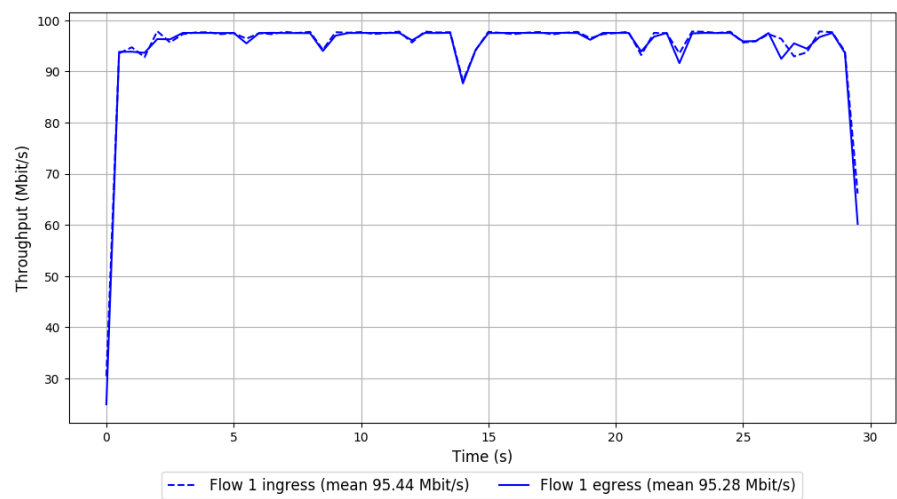
Run 5: Statistics of Indigo

Start at: 2017-12-11 12:20:31  
End at: 2017-12-11 12:21:01  
Local clock offset: 2.319 ms  
Remote clock offset: -0.042 ms

# Below is generated by plot.py at 2017-12-11 17:25:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.28 Mbit/s  
95th percentile per-packet one-way delay: 29.627 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 95.28 Mbit/s  
95th percentile per-packet one-way delay: 29.627 ms  
Loss rate: 0.34%



Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-12-11 12:39:06

End at: 2017-12-11 12:39:36

Local clock offset: 2.064 ms

Remote clock offset: 0.519 ms

# Below is generated by plot.py at 2017-12-11 17:25:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 27.607 ms

Loss rate: 0.20%

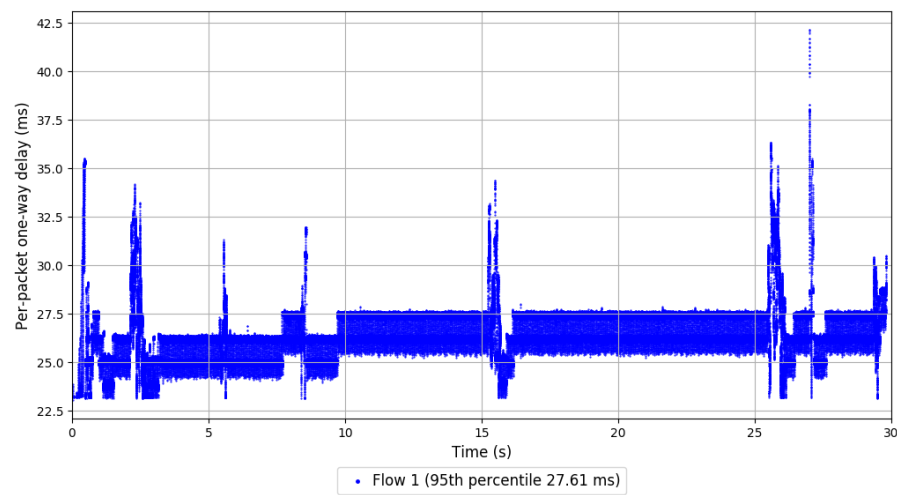
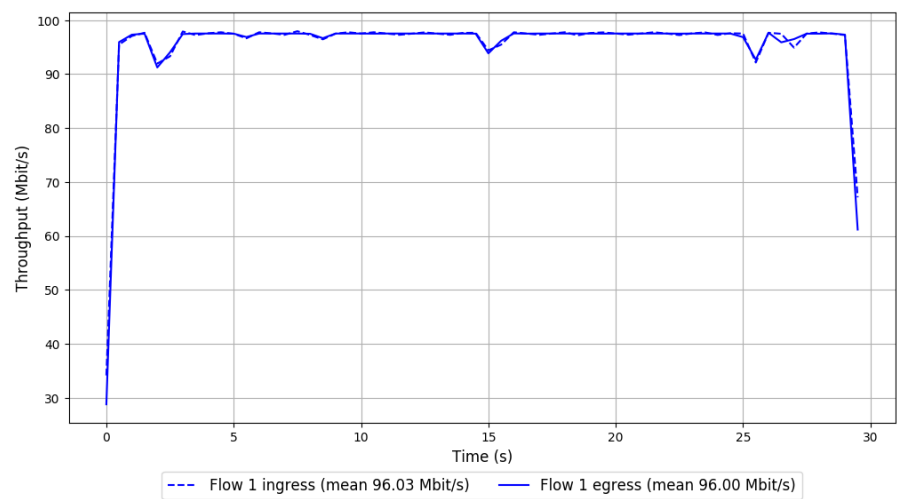
-- Flow 1:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 27.607 ms

Loss rate: 0.20%

Run 6: Report of Indigo — Data Link

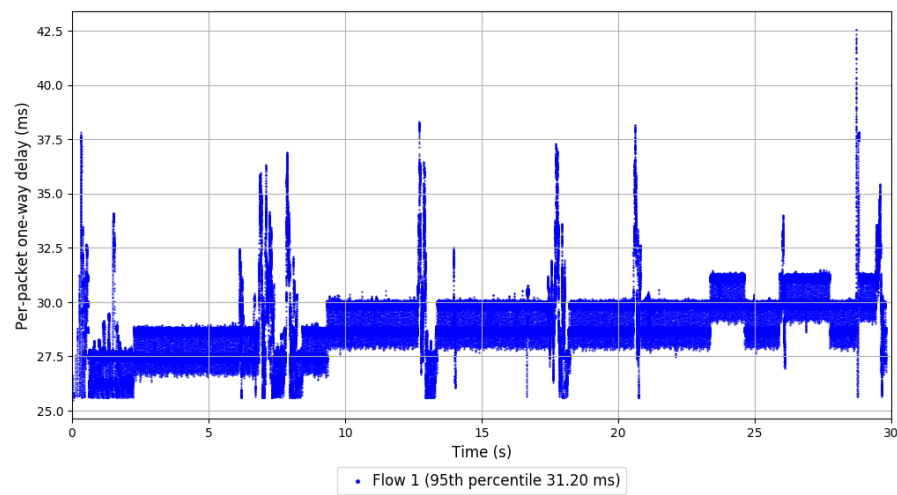
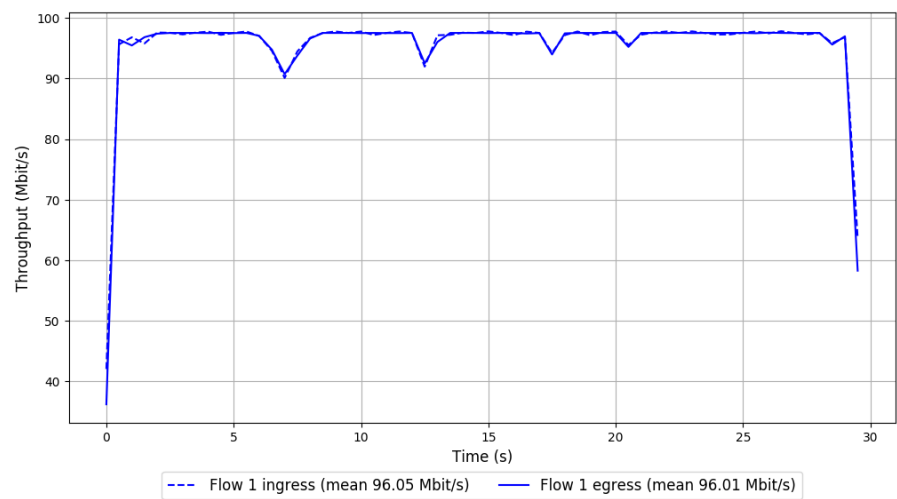


Run 7: Statistics of Indigo

Start at: 2017-12-11 12:57:46  
End at: 2017-12-11 12:58:16  
Local clock offset: 1.645 ms  
Remote clock offset: -2.135 ms

# Below is generated by plot.py at 2017-12-11 17:25:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.01 Mbit/s  
95th percentile per-packet one-way delay: 31.200 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 96.01 Mbit/s  
95th percentile per-packet one-way delay: 31.200 ms  
Loss rate: 0.22%

Run 7: Report of Indigo — Data Link

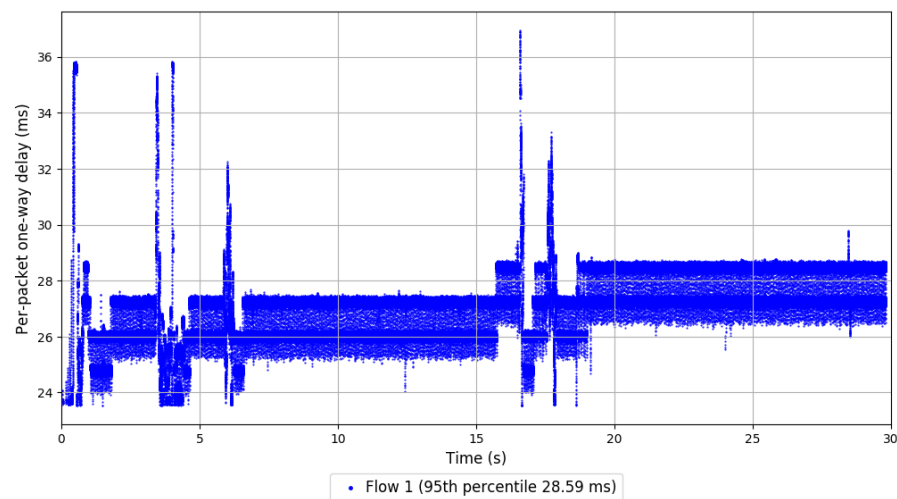
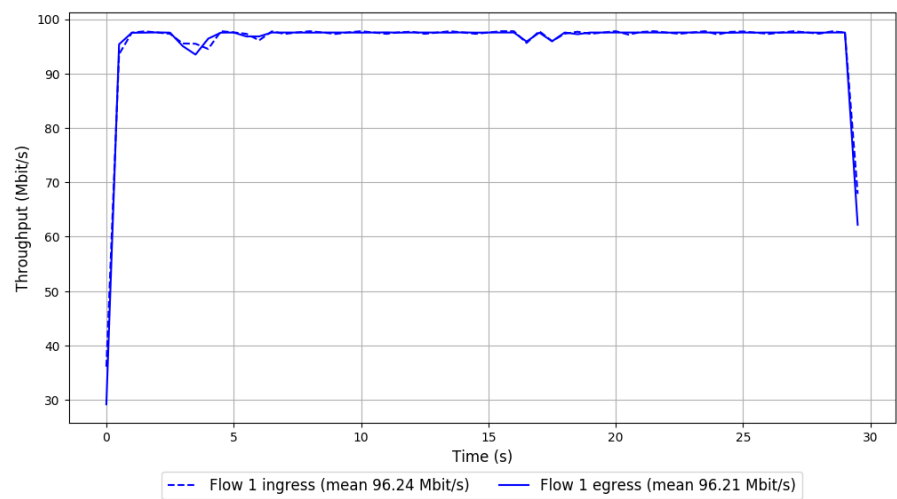


Run 8: Statistics of Indigo

Start at: 2017-12-11 13:16:32  
End at: 2017-12-11 13:17:02  
Local clock offset: 1.484 ms  
Remote clock offset: -0.284 ms

# Below is generated by plot.py at 2017-12-11 17:25:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.21 Mbit/s  
95th percentile per-packet one-way delay: 28.588 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 96.21 Mbit/s  
95th percentile per-packet one-way delay: 28.588 ms  
Loss rate: 0.21%

Run 8: Report of Indigo — Data Link



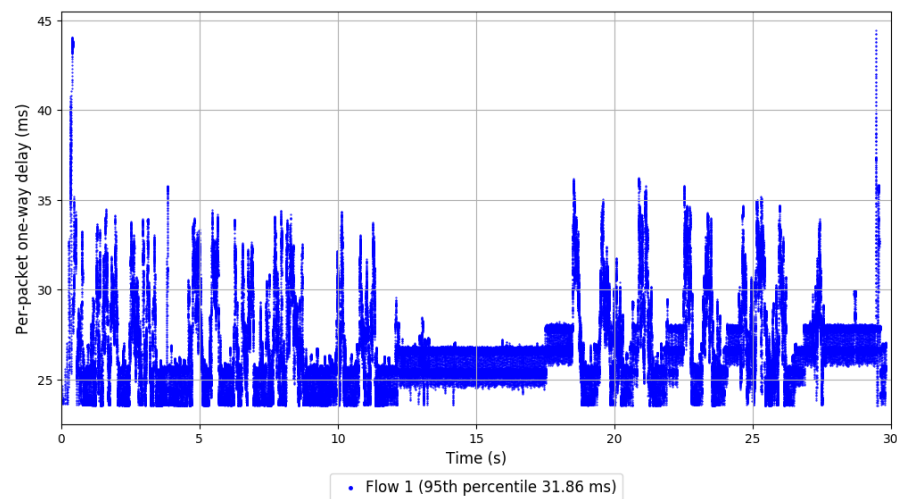
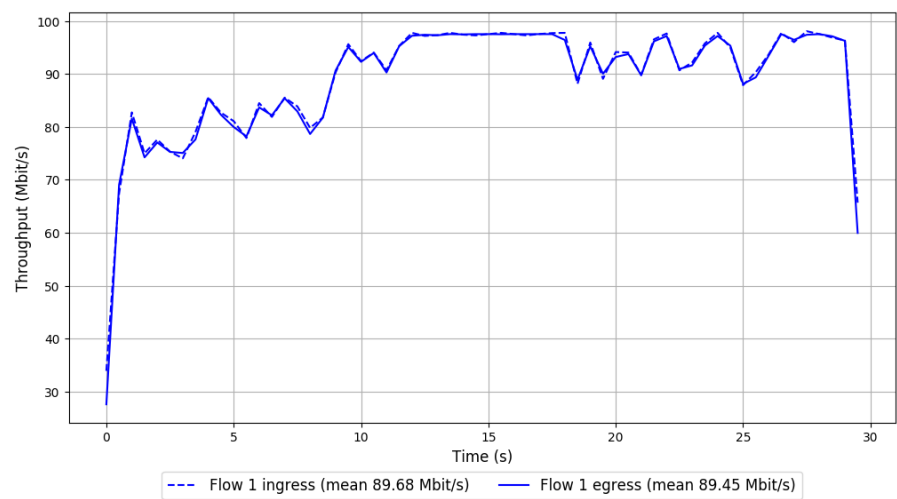
Run 9: Statistics of Indigo

Start at: 2017-12-11 13:35:14  
End at: 2017-12-11 13:35:44  
Local clock offset: 1.445 ms  
Remote clock offset: -0.359 ms

# Below is generated by plot.py at 2017-12-11 17:25:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.45 Mbit/s  
95th percentile per-packet one-way delay: 31.857 ms  
Loss rate: 0.44%  
-- Flow 1:  
Average throughput: 89.45 Mbit/s  
95th percentile per-packet one-way delay: 31.857 ms  
Loss rate: 0.44%



Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-12-11 13:53:56

End at: 2017-12-11 13:54:26

Local clock offset: 1.34 ms

Remote clock offset: -0.371 ms

# Below is generated by plot.py at 2017-12-11 17:26:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.58 Mbit/s

95th percentile per-packet one-way delay: 30.872 ms

Loss rate: 0.44%

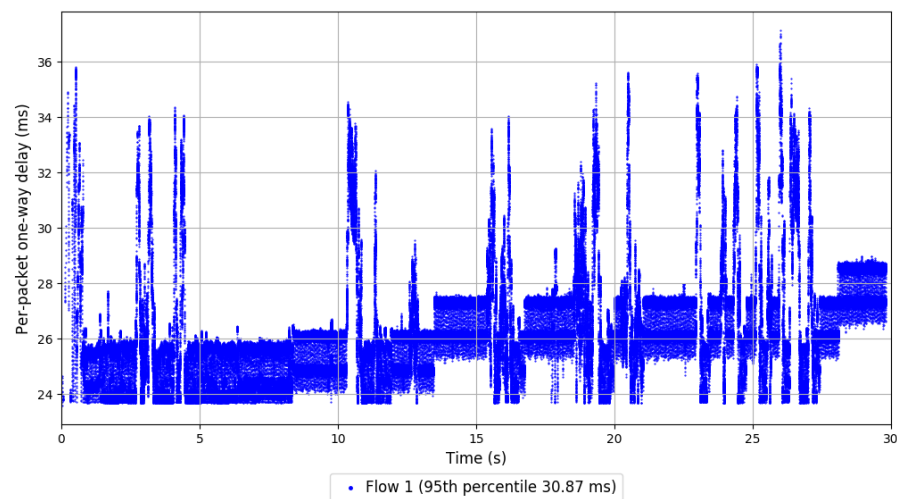
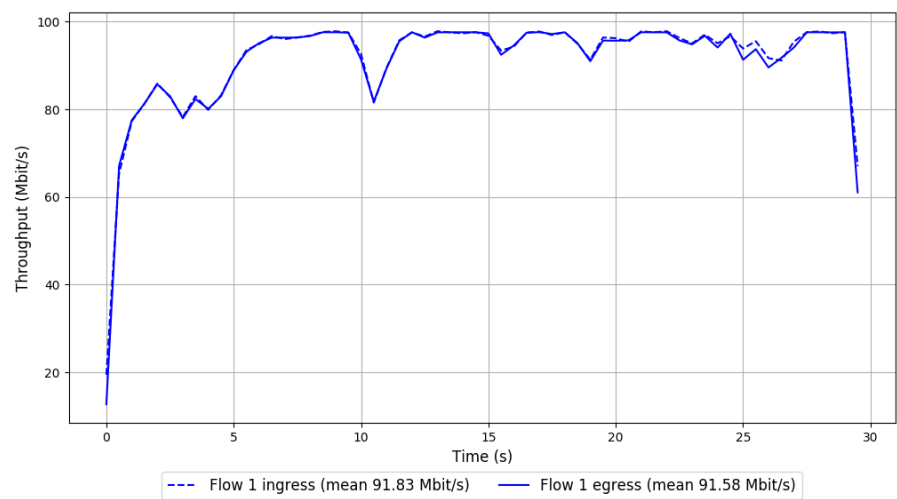
-- Flow 1:

Average throughput: 91.58 Mbit/s

95th percentile per-packet one-way delay: 30.872 ms

Loss rate: 0.44%

Run 10: Report of Indigo — Data Link

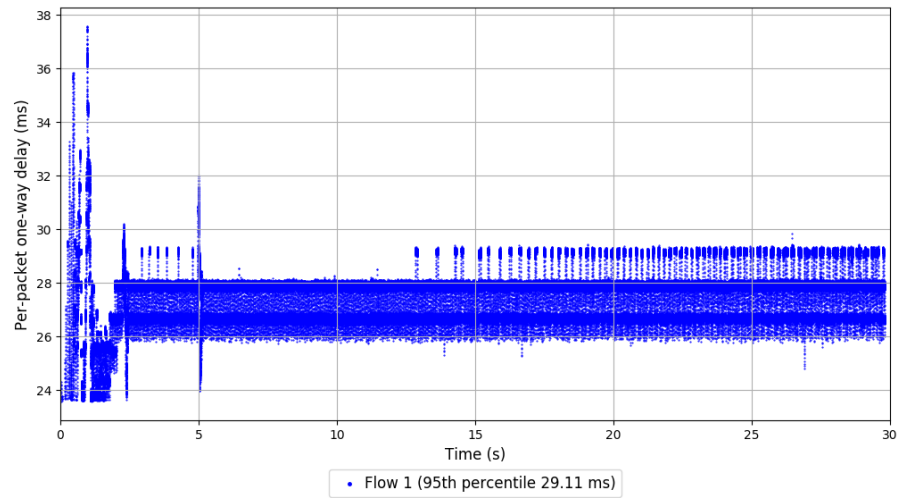
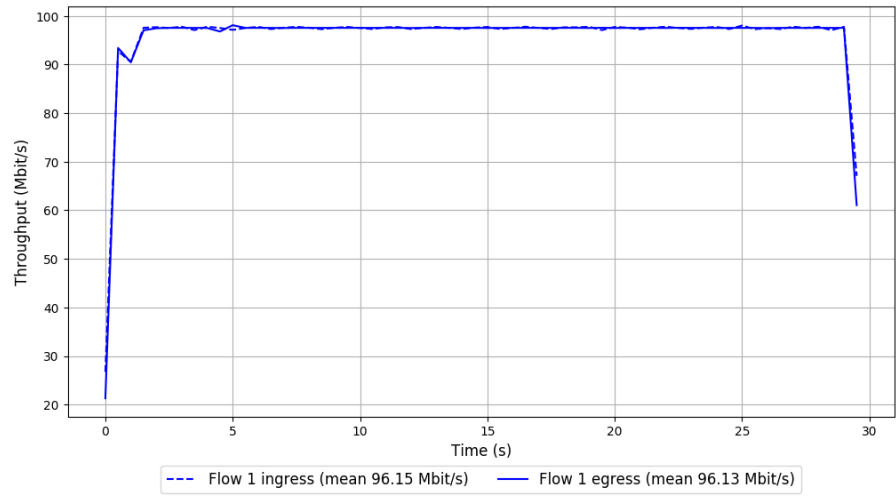


```
Run 1: Statistics of Indigo-calib

Start at: 2017-12-11 11:07:11
End at: 2017-12-11 11:07:41
Local clock offset: 3.819 ms
Remote clock offset: -1.35 ms

# Below is generated by plot.py at 2017-12-11 17:26:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 29.112 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 29.112 ms
Loss rate: 0.20%
```

# Run 1: Report of Indigo-calib — Data Link

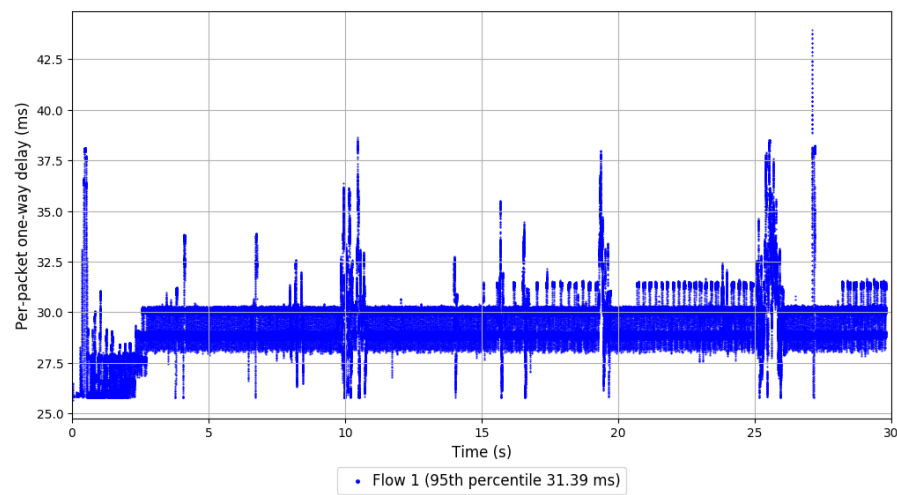
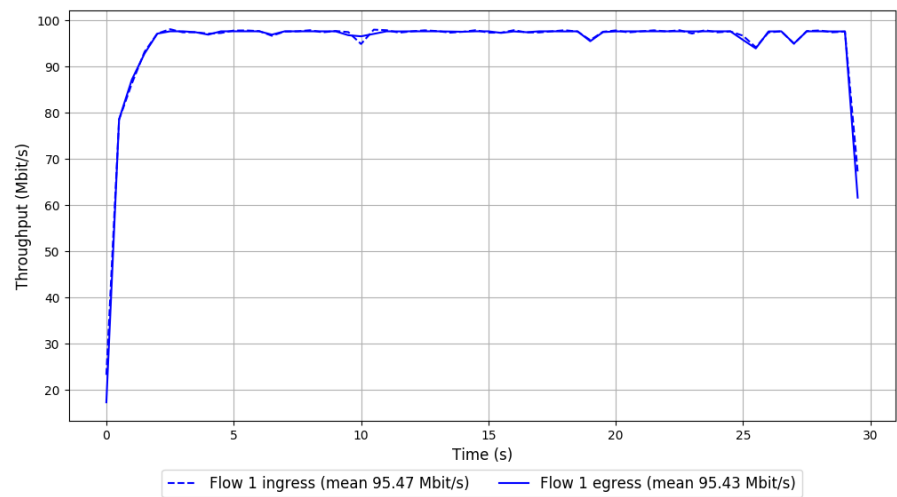


```
Run 2: Statistics of Indigo-calib

Start at: 2017-12-11 11:25:52
End at: 2017-12-11 11:26:22
Local clock offset: 3.052 ms
Remote clock offset: -3.22 ms

# Below is generated by plot.py at 2017-12-11 17:26:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 31.394 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 31.394 ms
Loss rate: 0.22%
```

Run 2: Report of Indigo-calib — Data Link



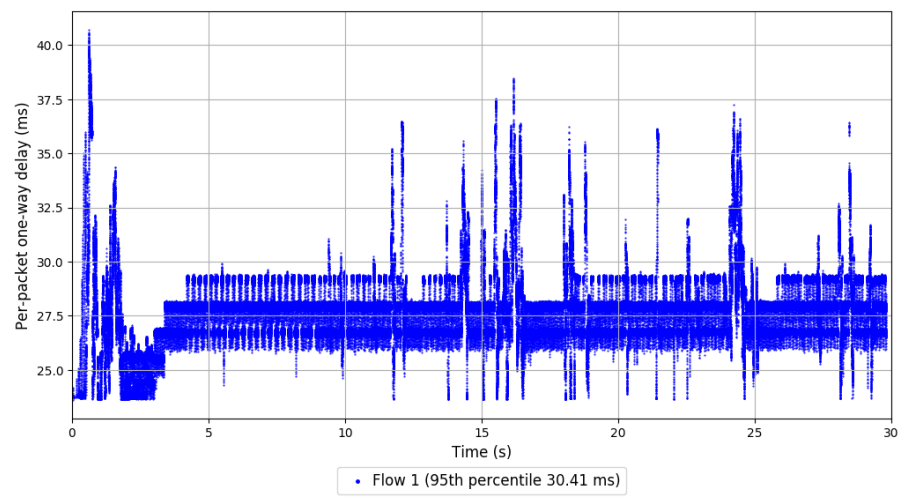
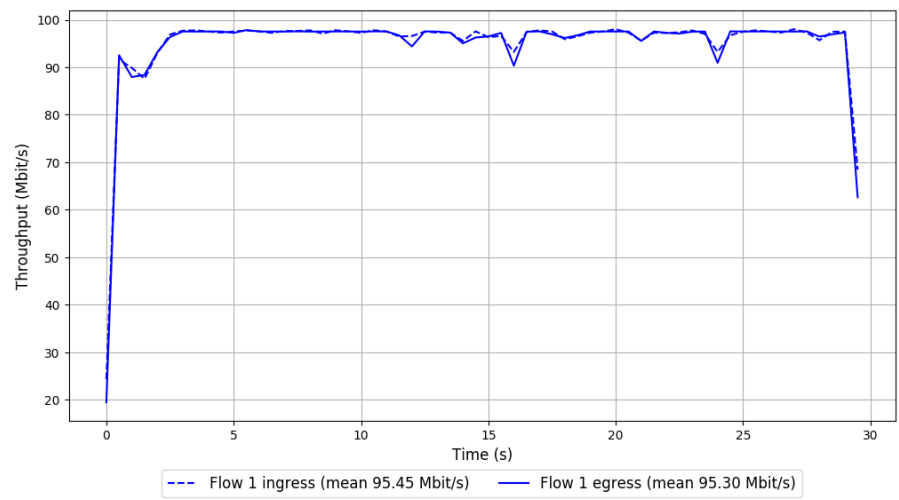
Run 3: Statistics of Indigo-calib

Start at: 2017-12-11 11:44:31  
End at: 2017-12-11 11:45:01  
Local clock offset: 2.428 ms  
Remote clock offset: -0.897 ms

# Below is generated by plot.py at 2017-12-11 17:26:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.30 Mbit/s  
95th percentile per-packet one-way delay: 30.409 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 95.30 Mbit/s  
95th percentile per-packet one-way delay: 30.409 ms  
Loss rate: 0.33%



Run 3: Report of Indigo-calib — Data Link



Run 4: Statistics of Indigo-calib

Start at: 2017-12-11 12:03:24

End at: 2017-12-11 12:03:54

Local clock offset: 2.247 ms

Remote clock offset: -0.551 ms

# Below is generated by plot.py at 2017-12-11 17:26:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 29.247 ms

Loss rate: 0.20%

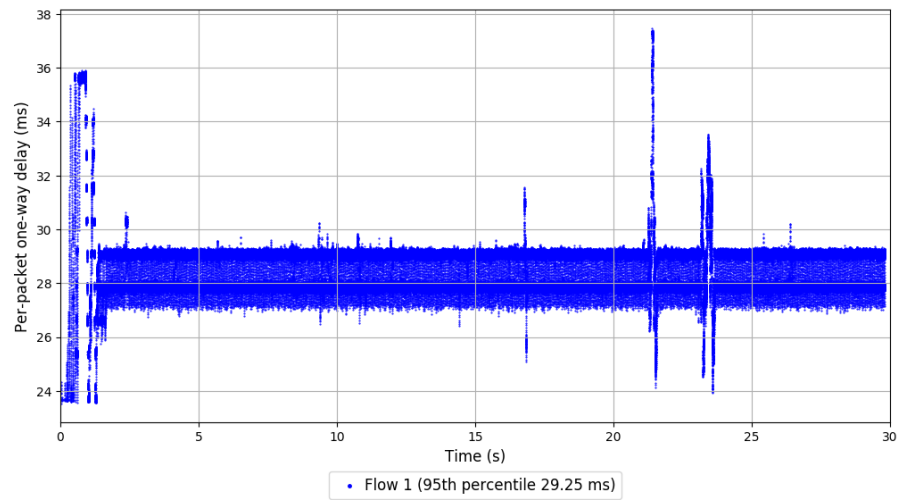
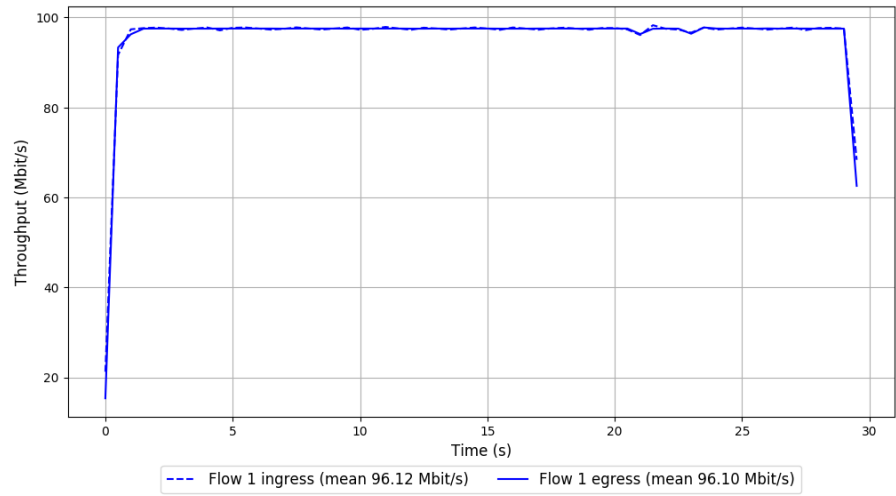
-- Flow 1:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 29.247 ms

Loss rate: 0.20%

#### Run 4: Report of Indigo-calib — Data Link



Run 5: Statistics of Indigo-calib

Start at: 2017-12-11 12:21:54

End at: 2017-12-11 12:22:24

Local clock offset: 2.294 ms

Remote clock offset: -2.09 ms

# Below is generated by plot.py at 2017-12-11 17:26:48

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.29 Mbit/s

95th percentile per-packet one-way delay: 33.601 ms

Loss rate: 0.44%

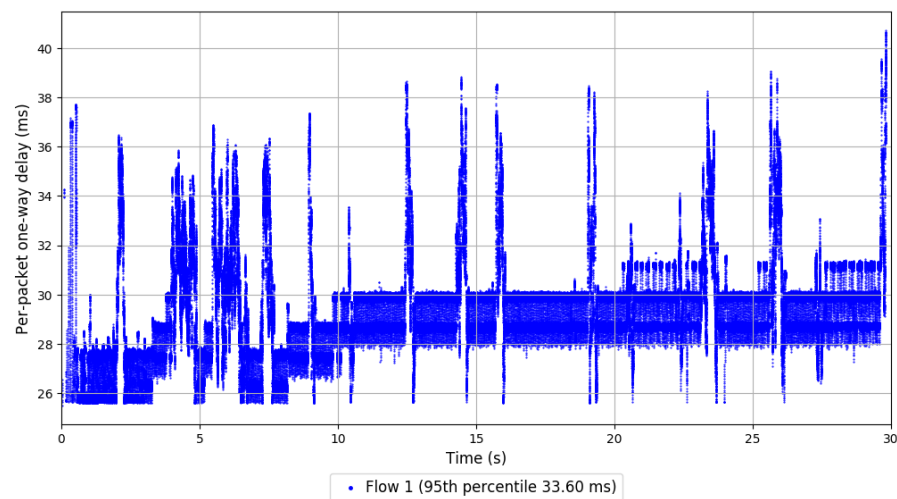
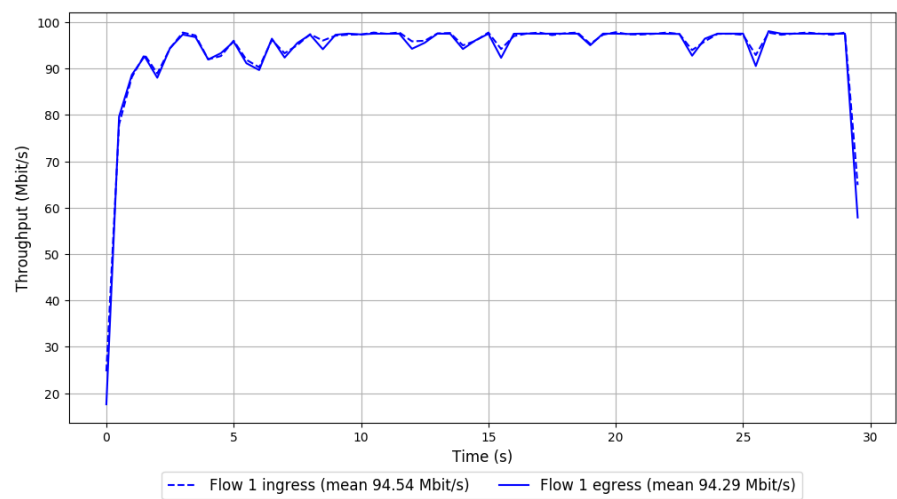
-- Flow 1:

Average throughput: 94.29 Mbit/s

95th percentile per-packet one-way delay: 33.601 ms

Loss rate: 0.44%

Run 5: Report of Indigo-calib — Data Link



Run 6: Statistics of Indigo-calib

Start at: 2017-12-11 12:40:28

End at: 2017-12-11 12:40:58

Local clock offset: 1.939 ms

Remote clock offset: -0.081 ms

# Below is generated by plot.py at 2017-12-11 17:27:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.57 Mbit/s

95th percentile per-packet one-way delay: 29.910 ms

Loss rate: 0.27%

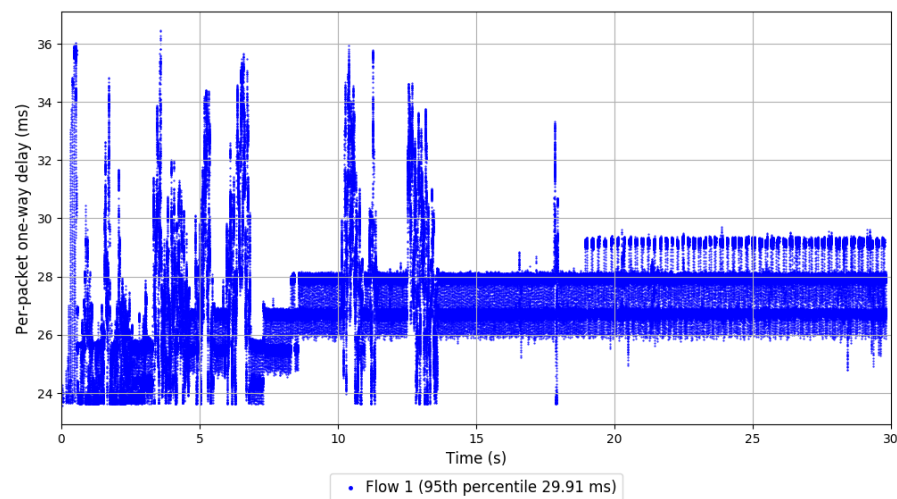
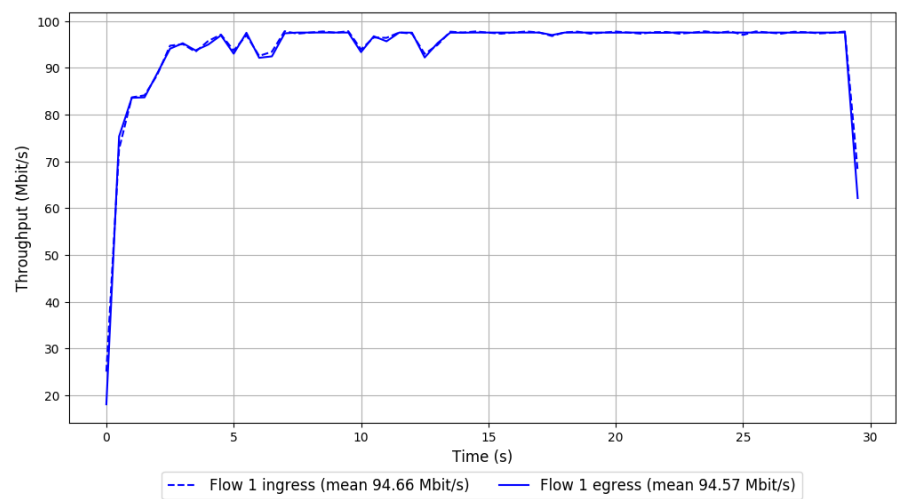
-- Flow 1:

Average throughput: 94.57 Mbit/s

95th percentile per-packet one-way delay: 29.910 ms

Loss rate: 0.27%

Run 6: Report of Indigo-calib — Data Link



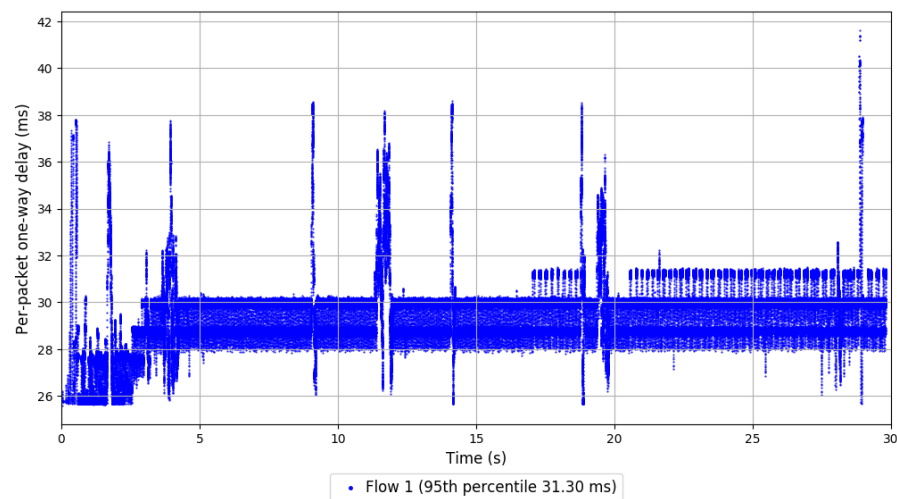
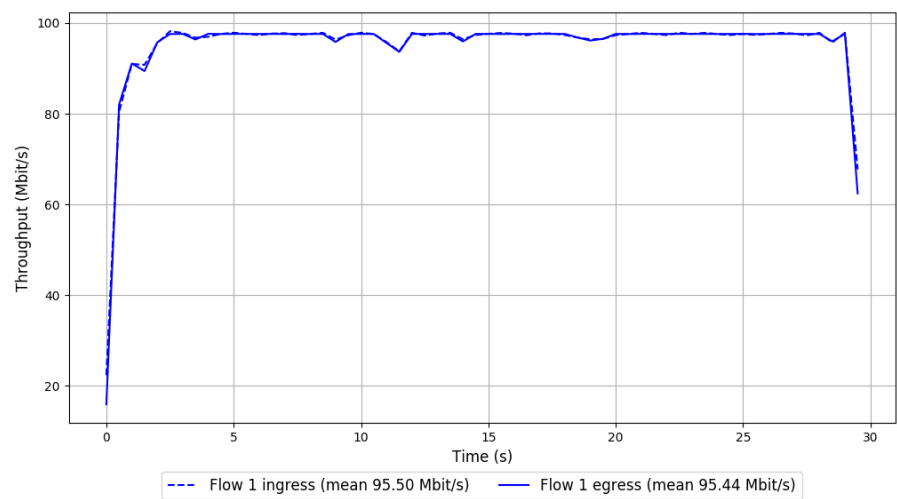
Run 7: Statistics of Indigo-calib

Start at: 2017-12-11 12:59:08  
End at: 2017-12-11 12:59:38  
Local clock offset: 1.624 ms  
Remote clock offset: -2.256 ms

# Below is generated by plot.py at 2017-12-11 17:27:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.44 Mbit/s  
95th percentile per-packet one-way delay: 31.296 ms  
Loss rate: 0.24%  
-- Flow 1:  
Average throughput: 95.44 Mbit/s  
95th percentile per-packet one-way delay: 31.296 ms  
Loss rate: 0.24%



Run 7: Report of Indigo-calib — Data Link



Run 8: Statistics of Indigo-calib

Start at: 2017-12-11 13:17:55

End at: 2017-12-11 13:18:25

Local clock offset: 1.478 ms

Remote clock offset: -0.245 ms

# Below is generated by plot.py at 2017-12-11 17:27:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 29.201 ms

Loss rate: 0.20%

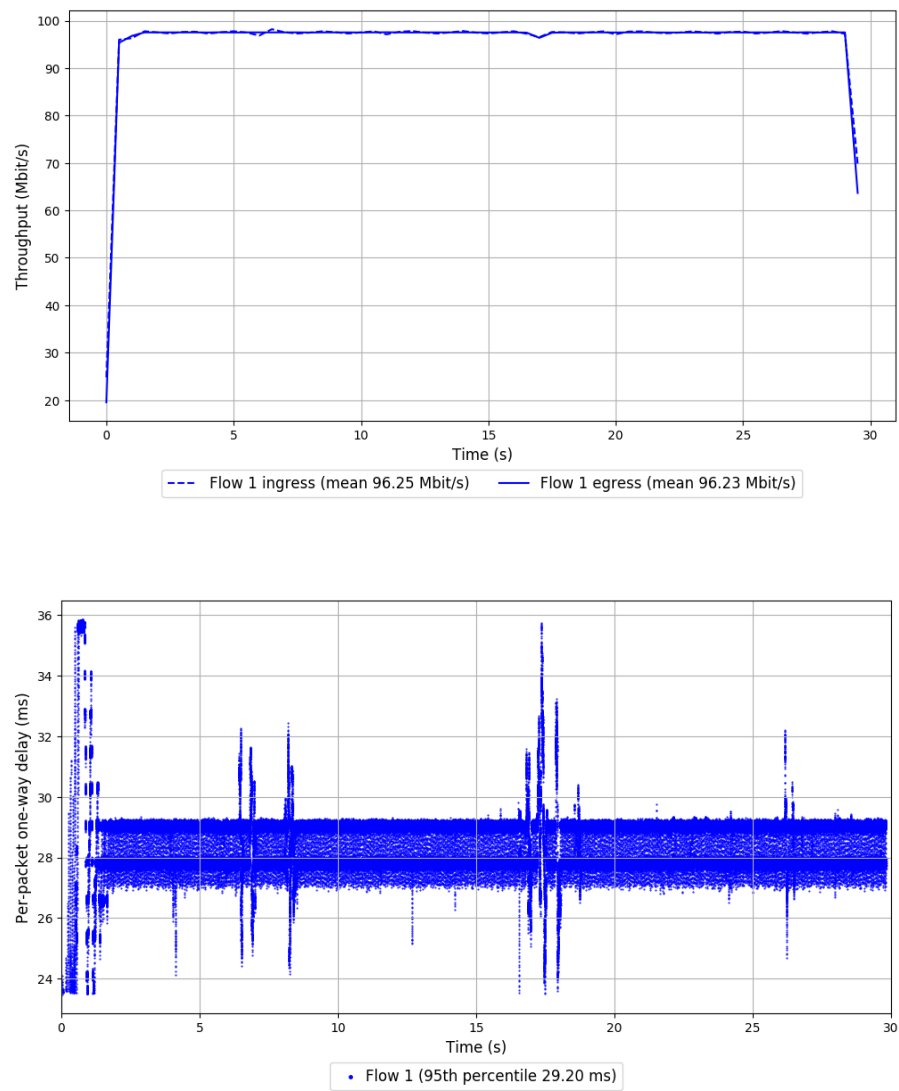
-- Flow 1:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 29.201 ms

Loss rate: 0.20%

Run 8: Report of Indigo-calib — Data Link



Run 9: Statistics of Indigo-calib

Start at: 2017-12-11 13:36:37

End at: 2017-12-11 13:37:07

Local clock offset: 1.404 ms

Remote clock offset: 0.036 ms

# Below is generated by plot.py at 2017-12-11 17:27:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.36 Mbit/s

95th percentile per-packet one-way delay: 31.345 ms

Loss rate: 0.41%

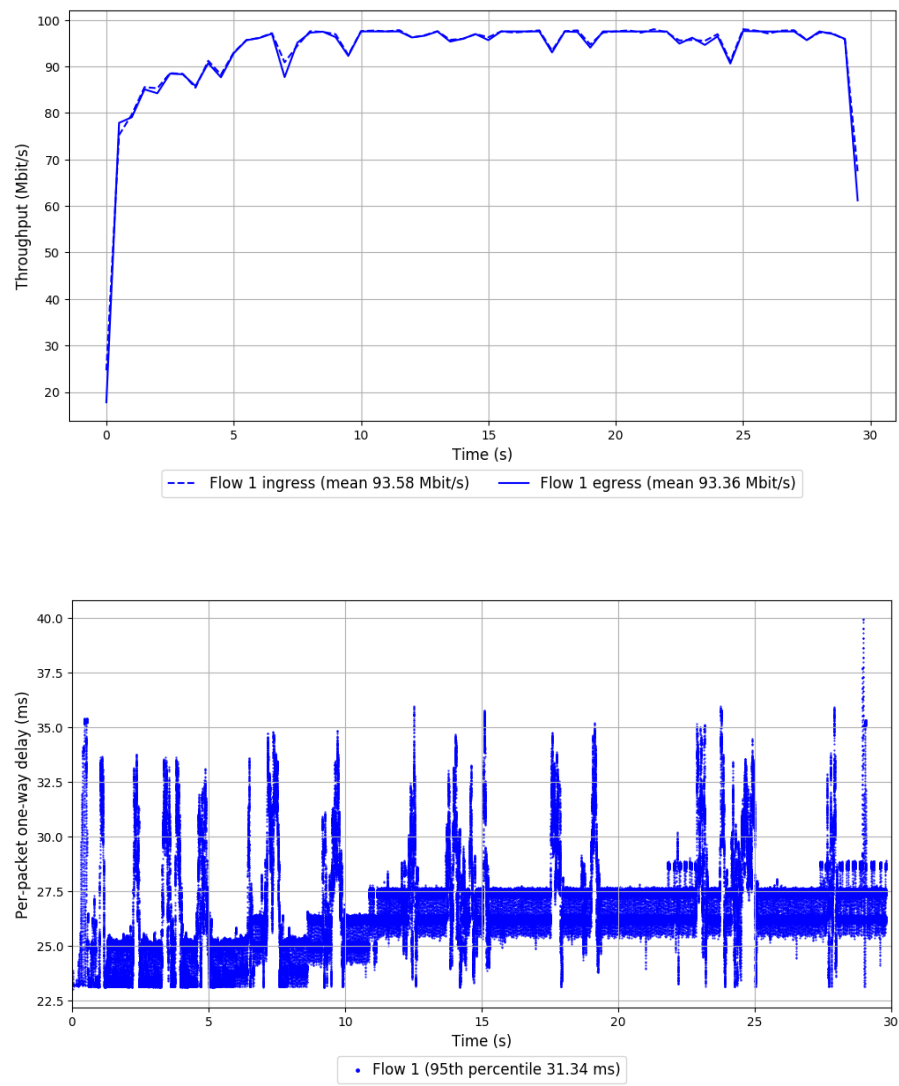
-- Flow 1:

Average throughput: 93.36 Mbit/s

95th percentile per-packet one-way delay: 31.345 ms

Loss rate: 0.41%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-12-11 13:55:18

End at: 2017-12-11 13:55:48

Local clock offset: 1.425 ms

Remote clock offset: 0.067 ms

# Below is generated by plot.py at 2017-12-11 17:27:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.17 Mbit/s

95th percentile per-packet one-way delay: 30.458 ms

Loss rate: 0.40%

-- Flow 1:

Average throughput: 92.17 Mbit/s

95th percentile per-packet one-way delay: 30.458 ms

Loss rate: 0.40%

Run 10: Report of Indigo-calib — Data Link

