

## Pantheon Report

Generated at 2018-01-09 02:16:13 (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).

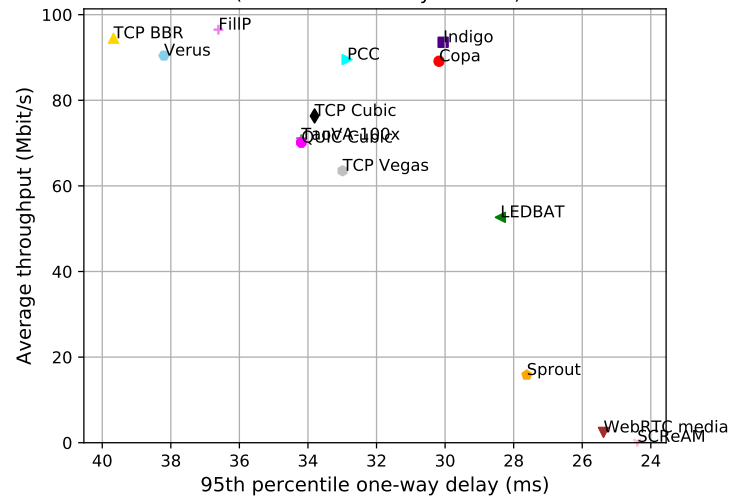
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

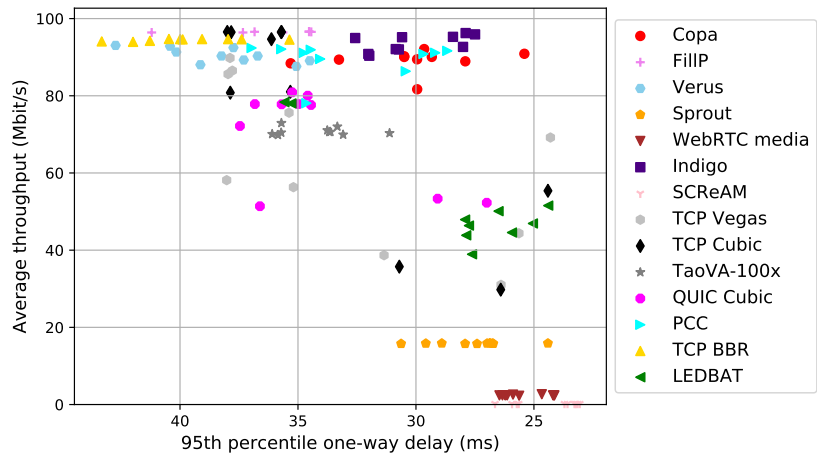
Git summary:

```
branch: master @ 56d1792c316a5efca3f2d21342905405fedffb48
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-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	10	94.48	39.67	0.37
TCP Cubic	10	76.34	33.81	0.25
LEDBAT	10	52.66	28.39	0.24
PCC	10	89.51	32.86	0.33
QUIC Cubic	10	70.12	34.19	0.27
SCReAM	10	0.22	24.39	0.18
WebRTC media	10	2.42	25.38	0.19
Sprout	10	15.82	27.62	0.23
TaoVA-100x	10	70.79	34.20	0.29
TCP Vegas	10	63.52	32.99	0.25
Verus	10	90.43	38.20	0.36
Copa	10	89.12	30.18	0.28
FillP	10	96.50	36.61	0.34
Indigo	10	93.55	30.06	0.35

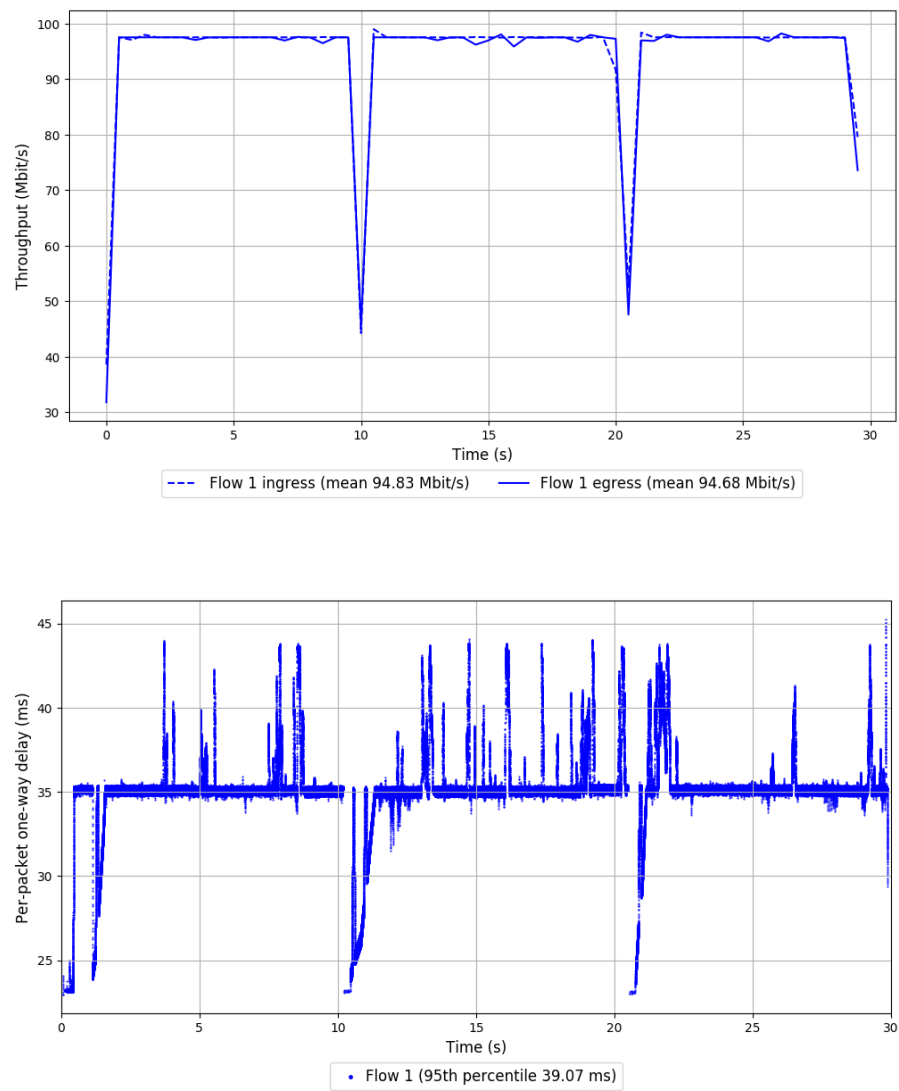
Run 1: Statistics of TCP BBR

Start at: 2018-01-08 19:02:31  
End at: 2018-01-08 19:03:01  
Local clock offset: 25.781 ms  
Remote clock offset: -2.344 ms

# Below is generated by plot.py at 2018-01-09 01:42:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.68 Mbit/s  
95th percentile per-packet one-way delay: 39.066 ms  
Loss rate: 0.35%  
-- Flow 1:  
Average throughput: 94.68 Mbit/s  
95th percentile per-packet one-way delay: 39.066 ms  
Loss rate: 0.35%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-01-08 19:22:28

End at: 2018-01-08 19:22:58

Local clock offset: 17.68 ms

Remote clock offset: -4.873 ms

# Below is generated by plot.py at 2018-01-09 01:42:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.61 Mbit/s

95th percentile per-packet one-way delay: 39.890 ms

Loss rate: 0.27%

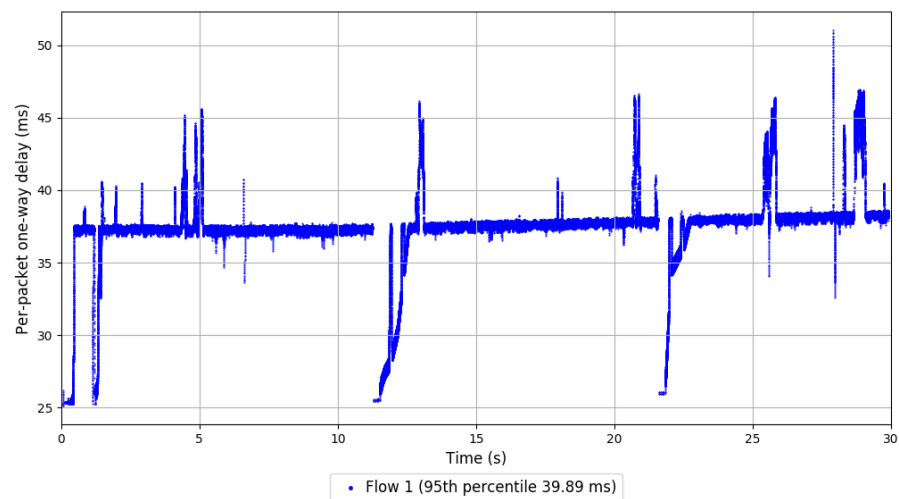
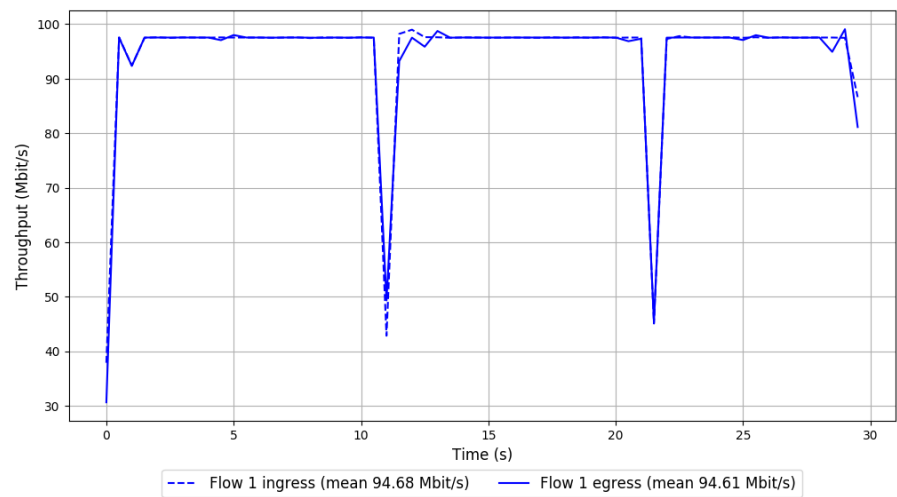
-- Flow 1:

Average throughput: 94.61 Mbit/s

95th percentile per-packet one-way delay: 39.890 ms

Loss rate: 0.27%

Run 2: Report of TCP BBR — Data Link

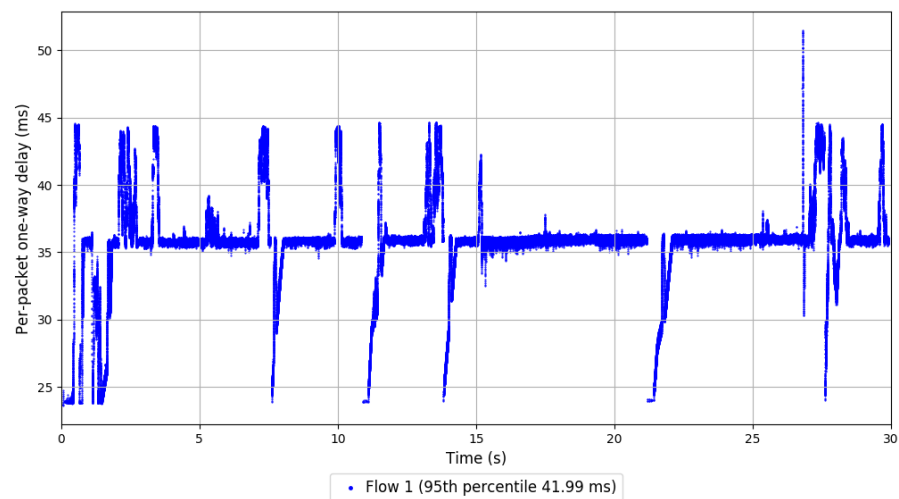
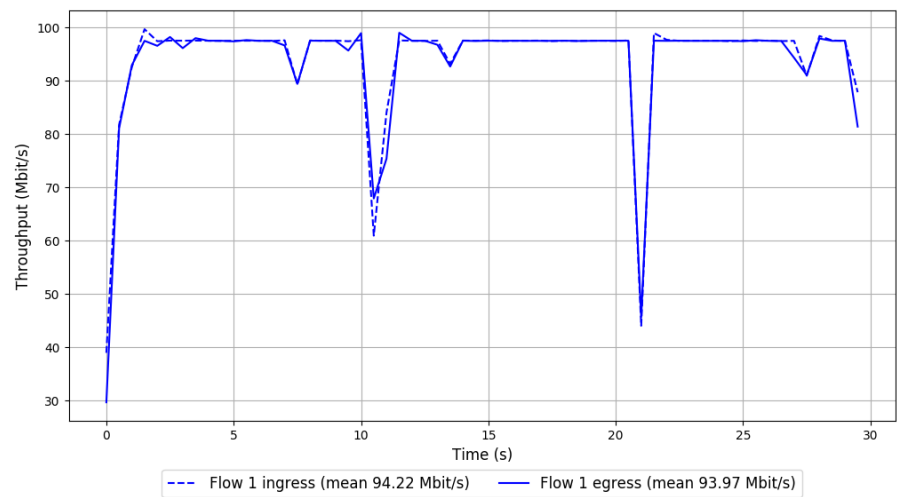


Run 3: Statistics of TCP BBR

Start at: 2018-01-08 19:42:43  
End at: 2018-01-08 19:43:13  
Local clock offset: 5.727 ms  
Remote clock offset: -3.399 ms

# Below is generated by plot.py at 2018-01-09 01:42:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.97 Mbit/s  
95th percentile per-packet one-way delay: 41.990 ms  
Loss rate: 0.46%  
-- Flow 1:  
Average throughput: 93.97 Mbit/s  
95th percentile per-packet one-way delay: 41.990 ms  
Loss rate: 0.46%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-01-08 20:02:55

End at: 2018-01-08 20:03:25

Local clock offset: 3.752 ms

Remote clock offset: -2.697 ms

# Below is generated by plot.py at 2018-01-09 01:42:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.23 Mbit/s

95th percentile per-packet one-way delay: 41.277 ms

Loss rate: 0.46%

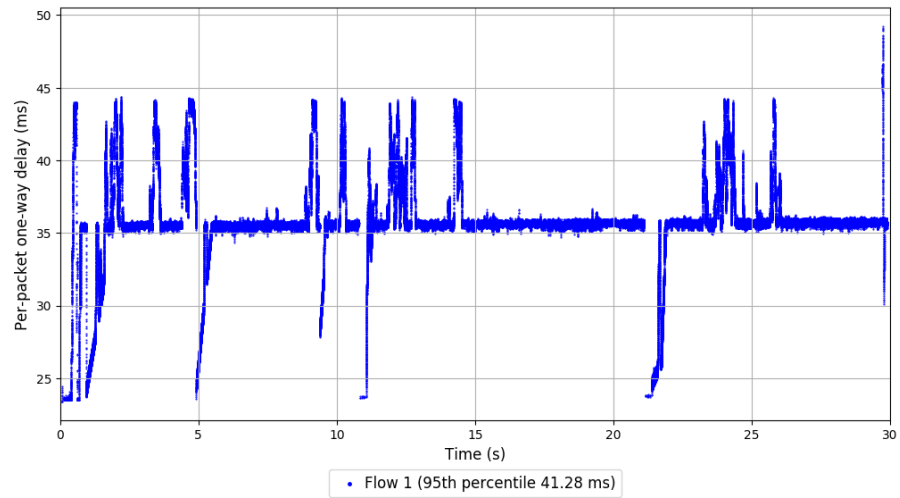
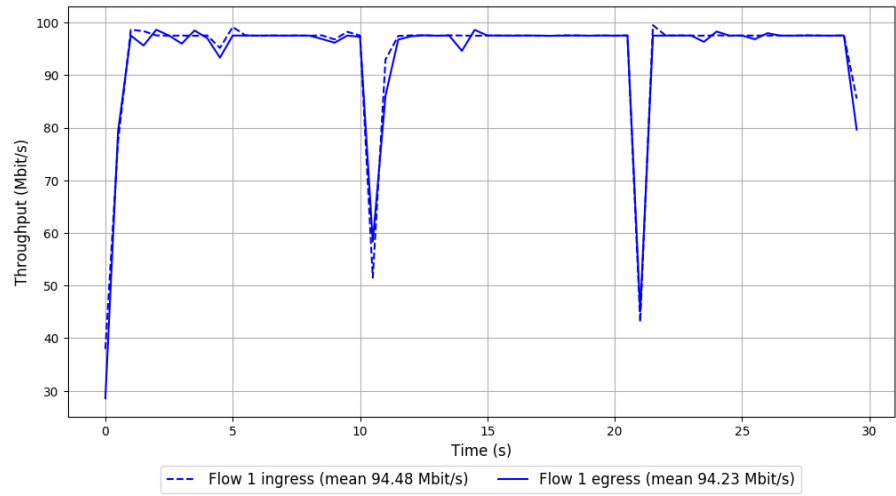
-- Flow 1:

Average throughput: 94.23 Mbit/s

95th percentile per-packet one-way delay: 41.277 ms

Loss rate: 0.46%

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



Run 5: Statistics of TCP BBR

Start at: 2018-01-08 20:22:53

End at: 2018-01-08 20:23:23

Local clock offset: 2.089 ms

Remote clock offset: -4.25 ms

# Below is generated by plot.py at 2018-01-09 01:42:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 37.961 ms

Loss rate: 0.32%

-- Flow 1:

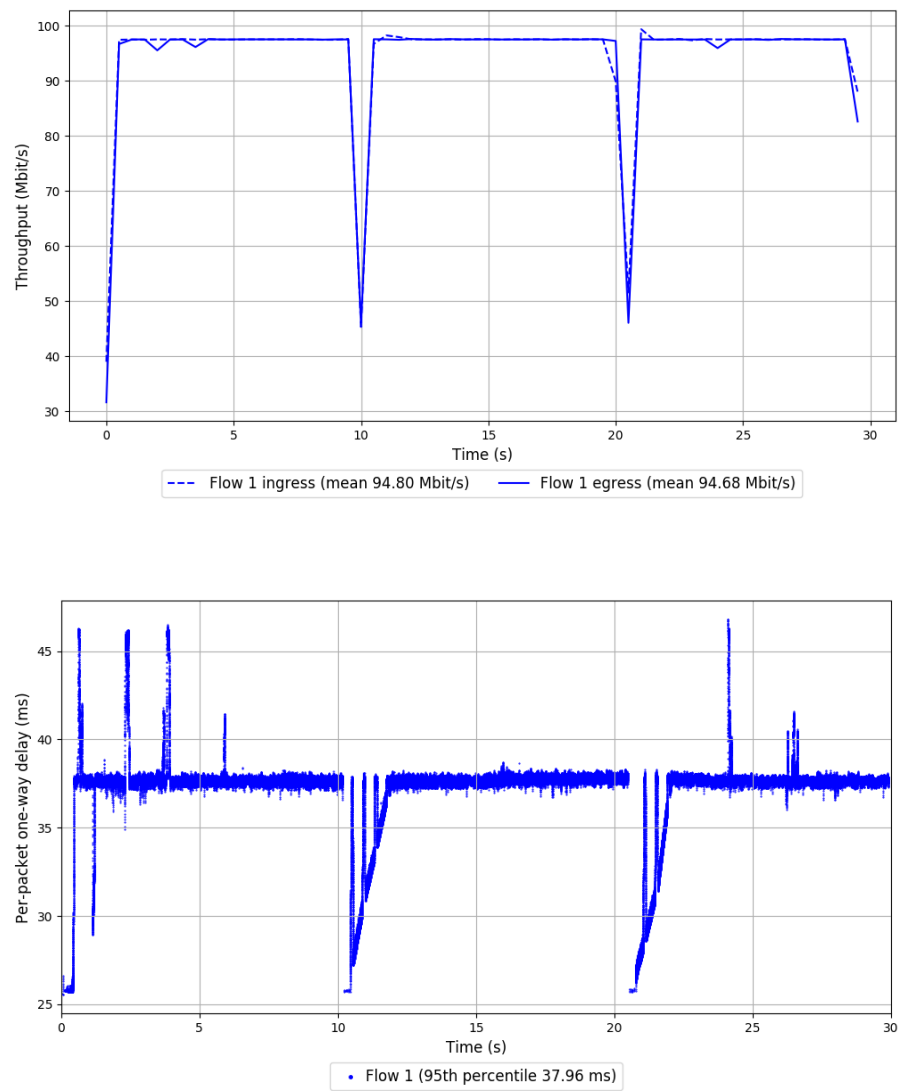
Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 37.961 ms

Loss rate: 0.32%



Run 5: Report of TCP BBR — Data Link

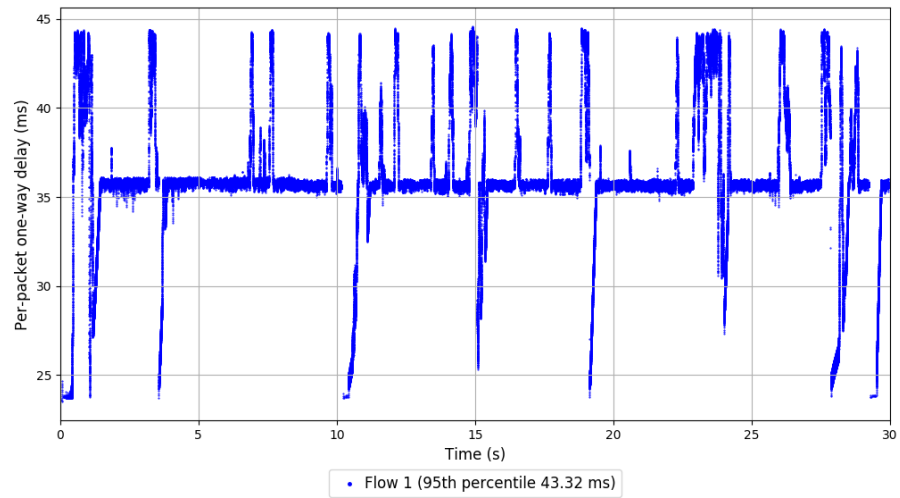
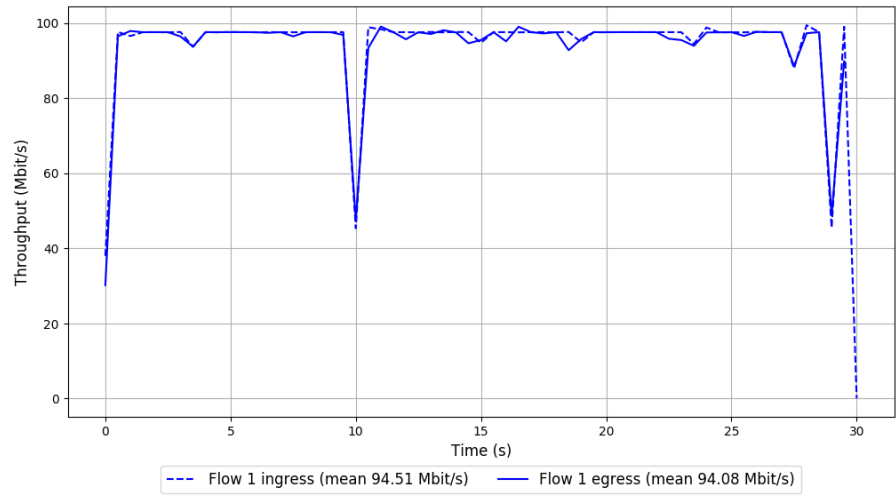


Run 6: Statistics of TCP BBR

Start at: 2018-01-08 20:42:54  
End at: 2018-01-08 20:43:24  
Local clock offset: 2.89 ms  
Remote clock offset: -1.728 ms

# Below is generated by plot.py at 2018-01-09 01:42:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.08 Mbit/s  
95th percentile per-packet one-way delay: 43.318 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 94.08 Mbit/s  
95th percentile per-packet one-way delay: 43.318 ms  
Loss rate: 0.65%

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

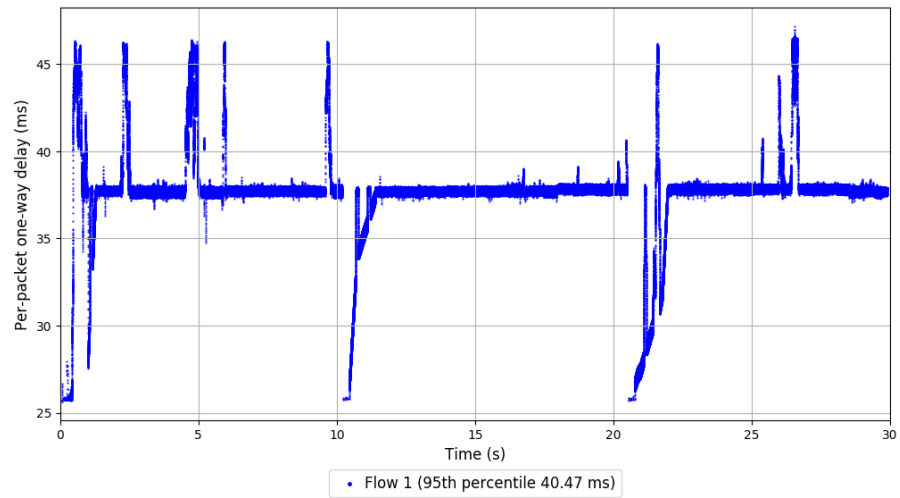
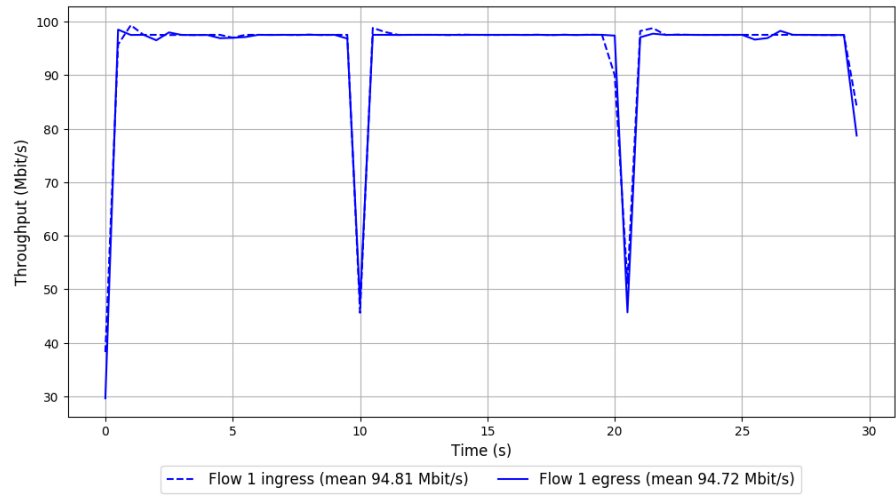


Run 7: Statistics of TCP BBR

Start at: 2018-01-08 21:02:59  
End at: 2018-01-08 21:03:29  
Local clock offset: 2.495 ms  
Remote clock offset: -3.807 ms

# Below is generated by plot.py at 2018-01-09 01:42:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.72 Mbit/s  
95th percentile per-packet one-way delay: 40.470 ms  
Loss rate: 0.29%  
-- Flow 1:  
Average throughput: 94.72 Mbit/s  
95th percentile per-packet one-way delay: 40.470 ms  
Loss rate: 0.29%

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



Run 8: Statistics of TCP BBR

Start at: 2018-01-08 21:23:00

End at: 2018-01-08 21:23:30

Local clock offset: 3.182 ms

Remote clock offset: -2.215 ms

# Below is generated by plot.py at 2018-01-09 01:42:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.55 Mbit/s

95th percentile per-packet one-way delay: 35.361 ms

Loss rate: 0.26%

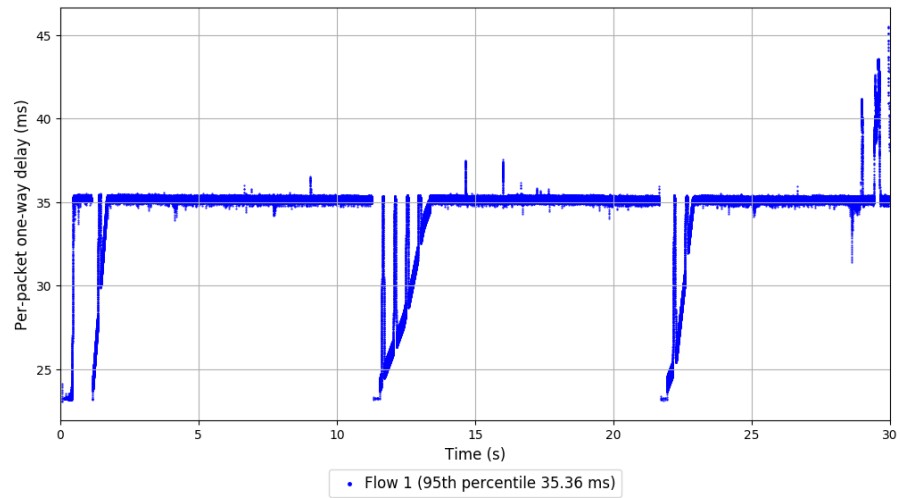
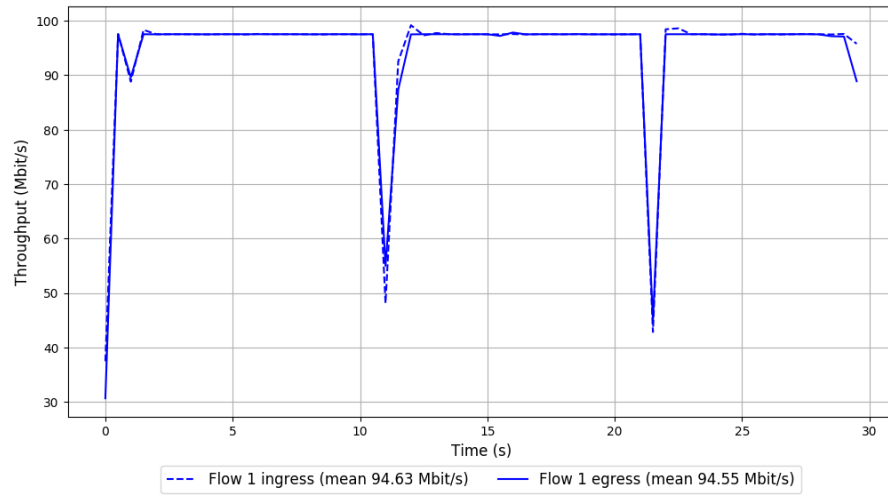
-- Flow 1:

Average throughput: 94.55 Mbit/s

95th percentile per-packet one-way delay: 35.361 ms

Loss rate: 0.26%

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



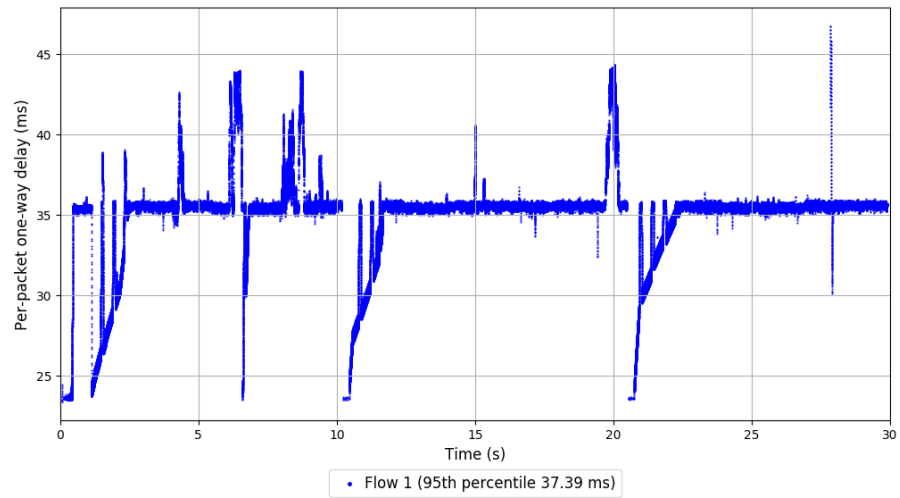
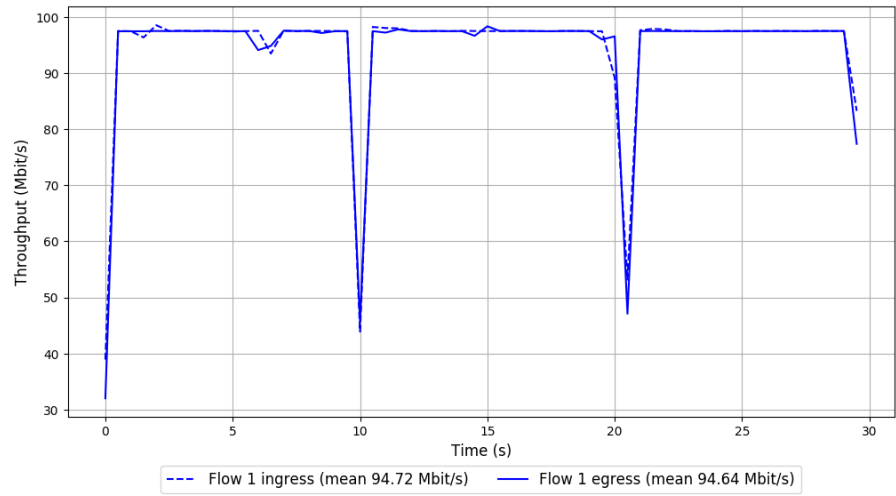
Run 9: Statistics of TCP BBR

Start at: 2018-01-08 21:42:56  
End at: 2018-01-08 21:43:26  
Local clock offset: 3.383 ms  
Remote clock offset: -2.865 ms

# Below is generated by plot.py at 2018-01-09 01:44:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.64 Mbit/s  
95th percentile per-packet one-way delay: 37.387 ms  
Loss rate: 0.29%  
-- Flow 1:  
Average throughput: 94.64 Mbit/s  
95th percentile per-packet one-way delay: 37.387 ms  
Loss rate: 0.29%



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

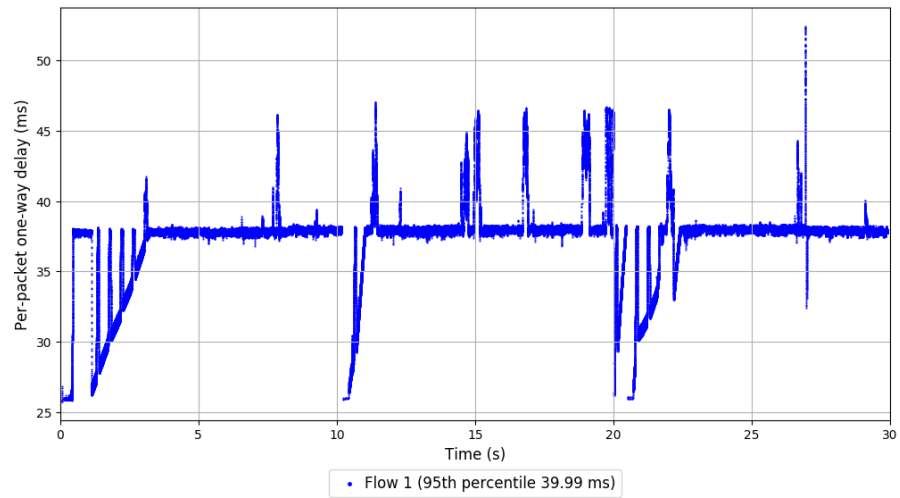
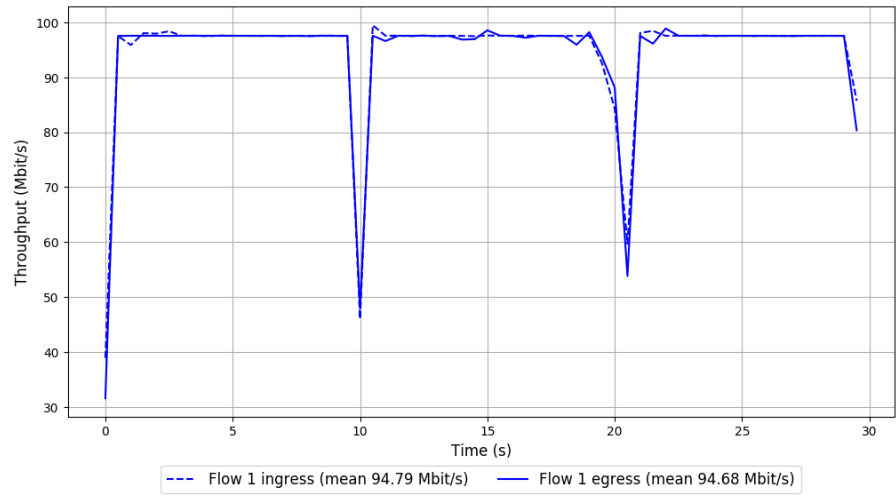


Run 10: Statistics of TCP BBR

Start at: 2018-01-08 22:02:56  
End at: 2018-01-08 22:03:26  
Local clock offset: 2.798 ms  
Remote clock offset: -4.512 ms

# Below is generated by plot.py at 2018-01-09 01:44:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.68 Mbit/s  
95th percentile per-packet one-way delay: 39.995 ms  
Loss rate: 0.31%  
-- Flow 1:  
Average throughput: 94.68 Mbit/s  
95th percentile per-packet one-way delay: 39.995 ms  
Loss rate: 0.31%

# Run 10: Report of TCP BBR — Data Link

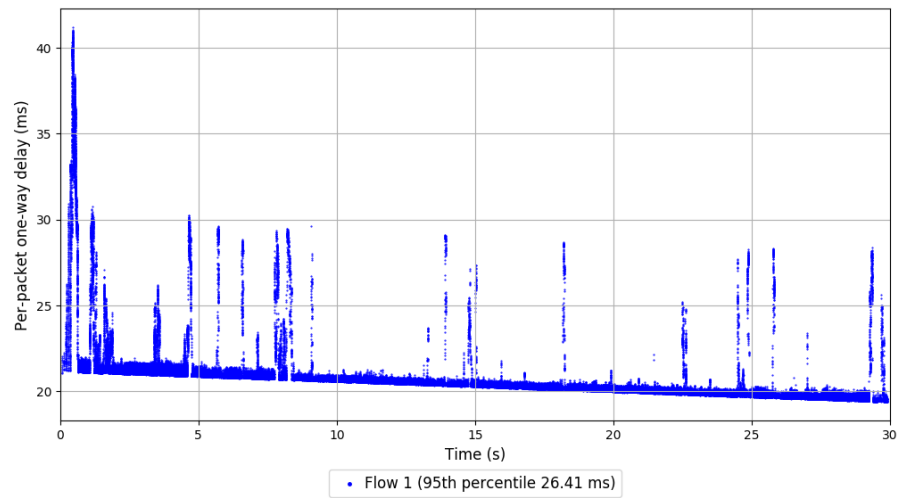
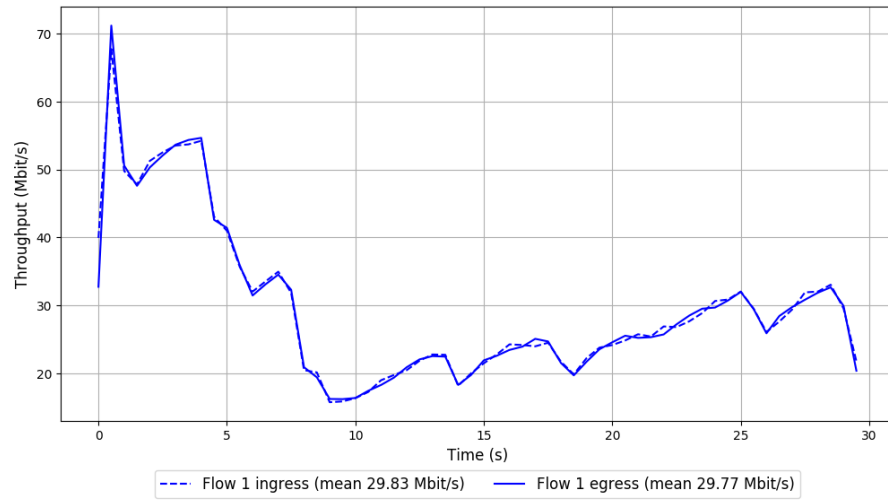


Run 1: Statistics of TCP Cubic

Start at: 2018-01-08 18:51:57  
End at: 2018-01-08 18:52:27  
Local clock offset: 19.122 ms  
Remote clock offset: -2.408 ms

# Below is generated by plot.py at 2018-01-09 01:44:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 29.77 Mbit/s  
95th percentile per-packet one-way delay: 26.407 ms  
Loss rate: 0.38%  
-- Flow 1:  
Average throughput: 29.77 Mbit/s  
95th percentile per-packet one-way delay: 26.407 ms  
Loss rate: 0.38%

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

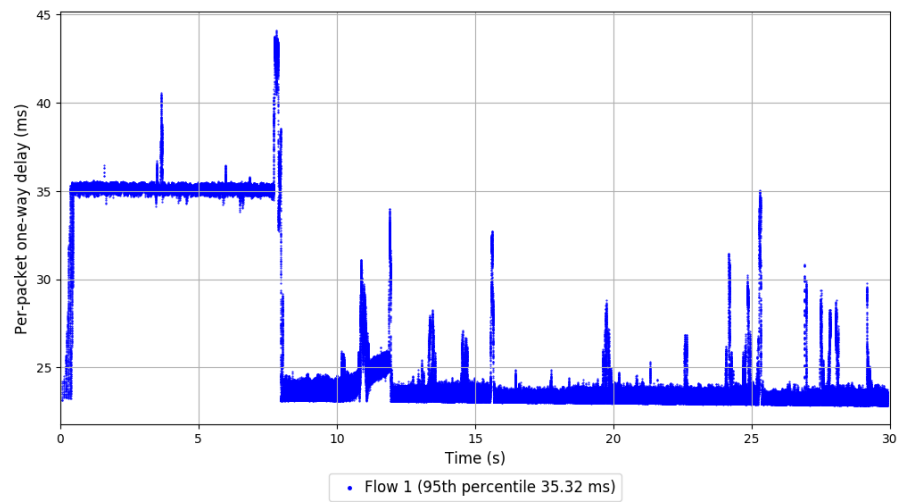
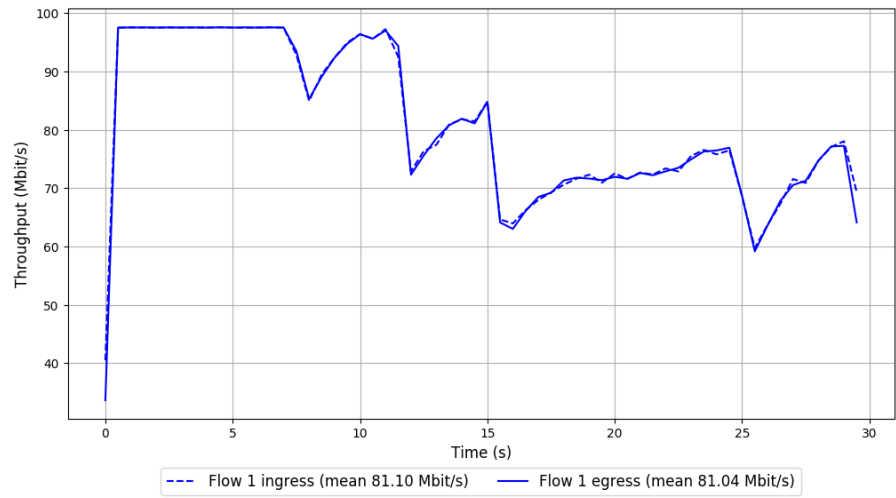


Run 2: Statistics of TCP Cubic

Start at: 2018-01-08 19:11:48  
End at: 2018-01-08 19:12:18  
Local clock offset: 20.678 ms  
Remote clock offset: -2.771 ms

# Below is generated by plot.py at 2018-01-09 01:44:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.04 Mbit/s  
95th percentile per-packet one-way delay: 35.323 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 81.04 Mbit/s  
95th percentile per-packet one-way delay: 35.323 ms  
Loss rate: 0.27%

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



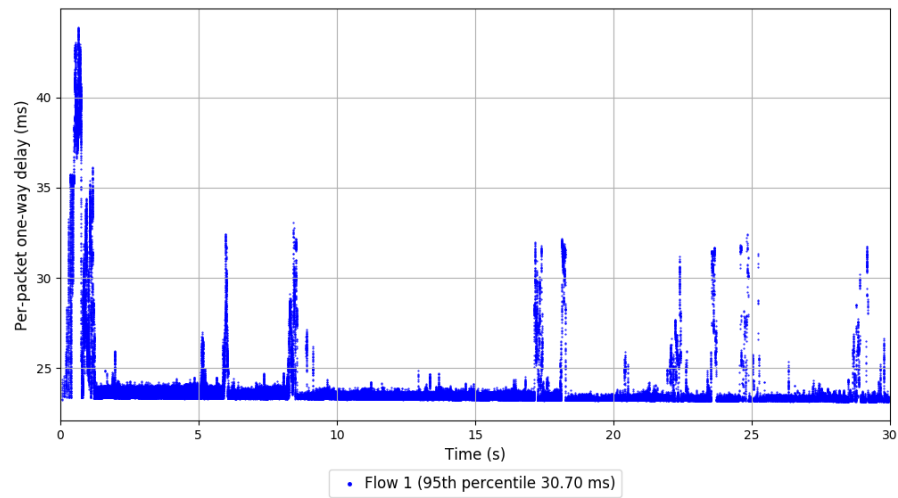
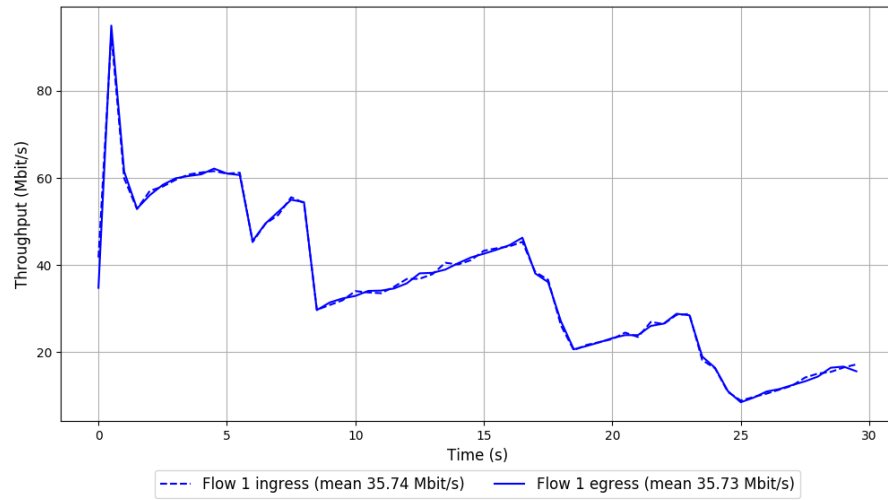
Run 3: Statistics of TCP Cubic

Start at: 2018-01-08 19:31:48  
End at: 2018-01-08 19:32:18  
Local clock offset: 9.031 ms  
Remote clock offset: -3.072 ms

# Below is generated by plot.py at 2018-01-09 01:44:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 35.73 Mbit/s  
95th percentile per-packet one-way delay: 30.704 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 35.73 Mbit/s  
95th percentile per-packet one-way delay: 30.704 ms  
Loss rate: 0.21%



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

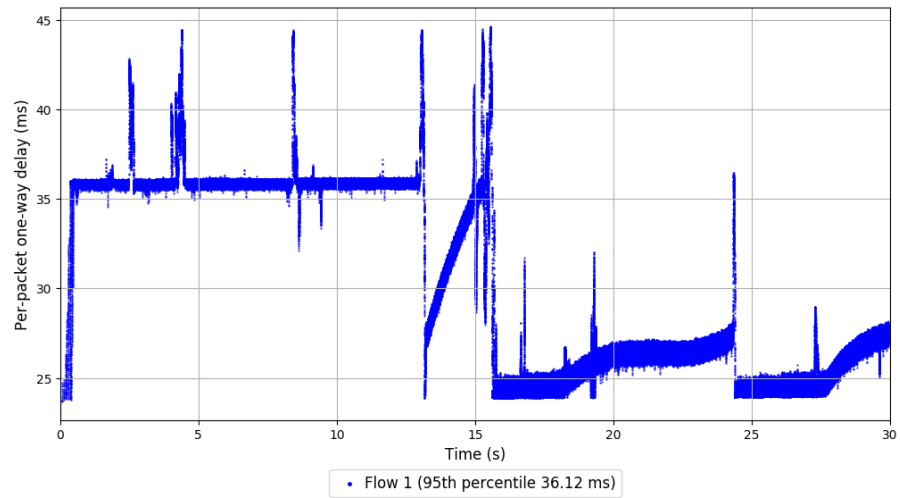
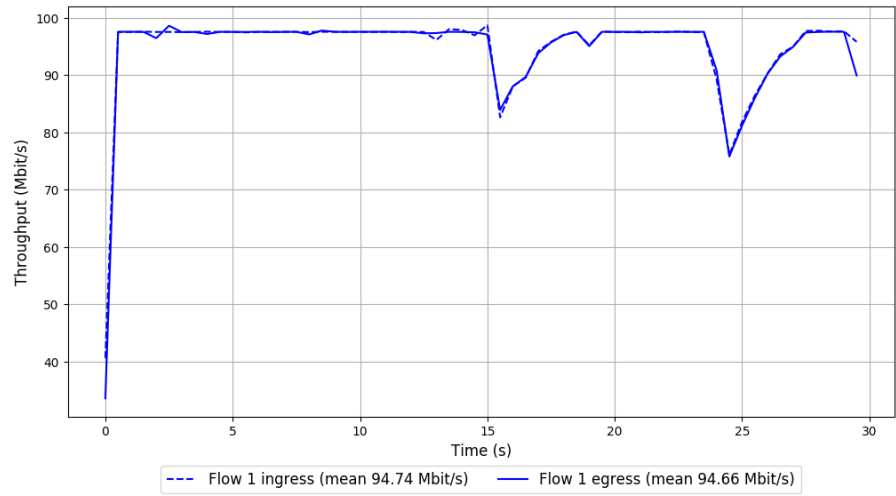


Run 4: Statistics of TCP Cubic

Start at: 2018-01-08 19:52:04  
End at: 2018-01-08 19:52:34  
Local clock offset: 5.939 ms  
Remote clock offset: -3.415 ms

# Below is generated by plot.py at 2018-01-09 01:44:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.66 Mbit/s  
95th percentile per-packet one-way delay: 36.125 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 94.66 Mbit/s  
95th percentile per-packet one-way delay: 36.125 ms  
Loss rate: 0.26%

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

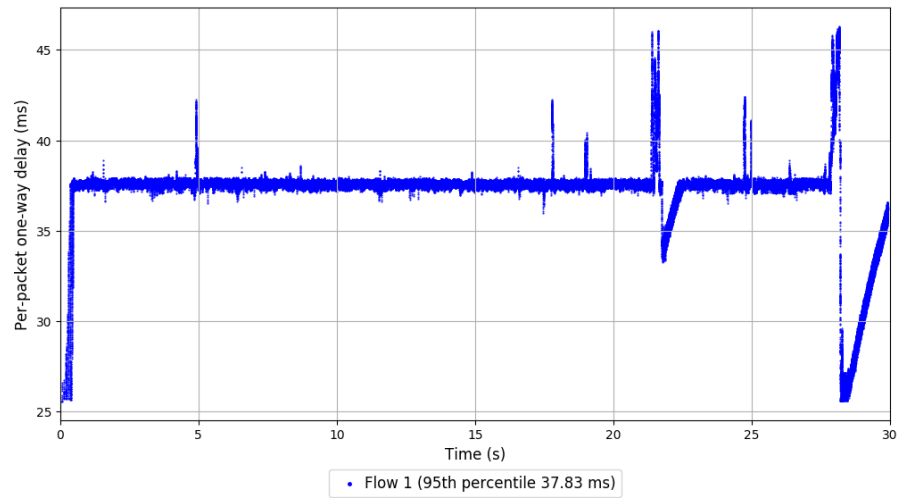
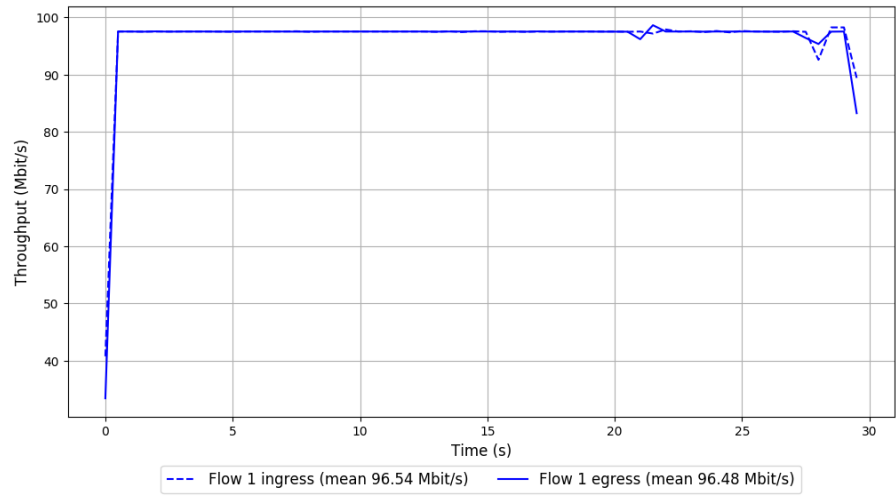


Run 5: Statistics of TCP Cubic

Start at: 2018-01-08 20:12:13  
End at: 2018-01-08 20:12:43  
Local clock offset: 2.239 ms  
Remote clock offset: -4.812 ms

# Below is generated by plot.py at 2018-01-09 01:44:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.48 Mbit/s  
95th percentile per-packet one-way delay: 37.830 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 96.48 Mbit/s  
95th percentile per-packet one-way delay: 37.830 ms  
Loss rate: 0.23%

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

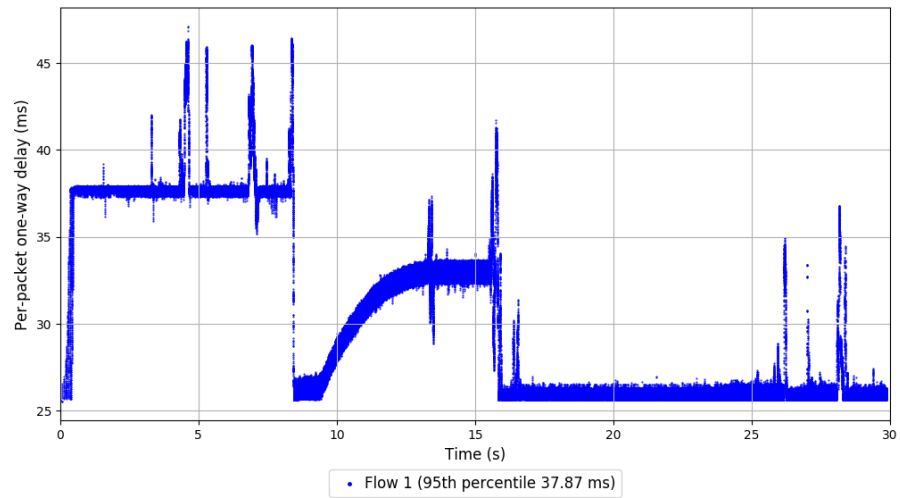
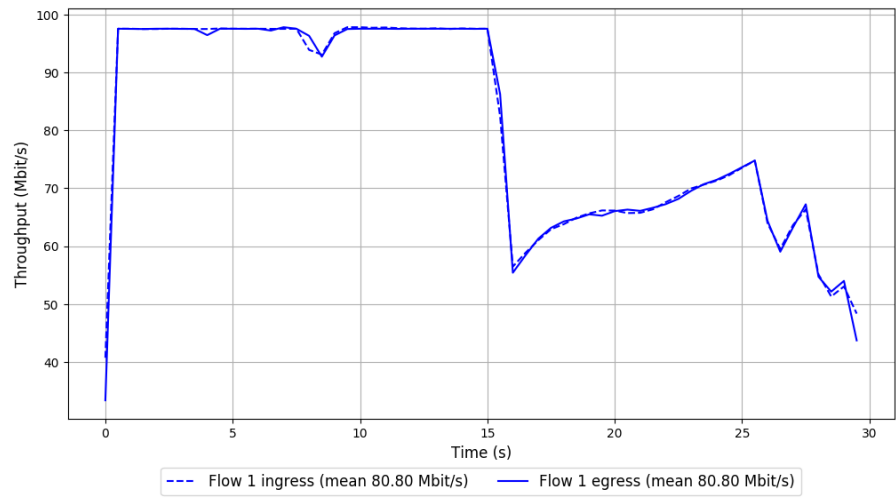


Run 6: Statistics of TCP Cubic

Start at: 2018-01-08 20:32:11  
End at: 2018-01-08 20:32:41  
Local clock offset: 2.18 ms  
Remote clock offset: -4.053 ms

# Below is generated by plot.py at 2018-01-09 01:44:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 80.80 Mbit/s  
95th percentile per-packet one-way delay: 37.868 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 80.80 Mbit/s  
95th percentile per-packet one-way delay: 37.868 ms  
Loss rate: 0.17%

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



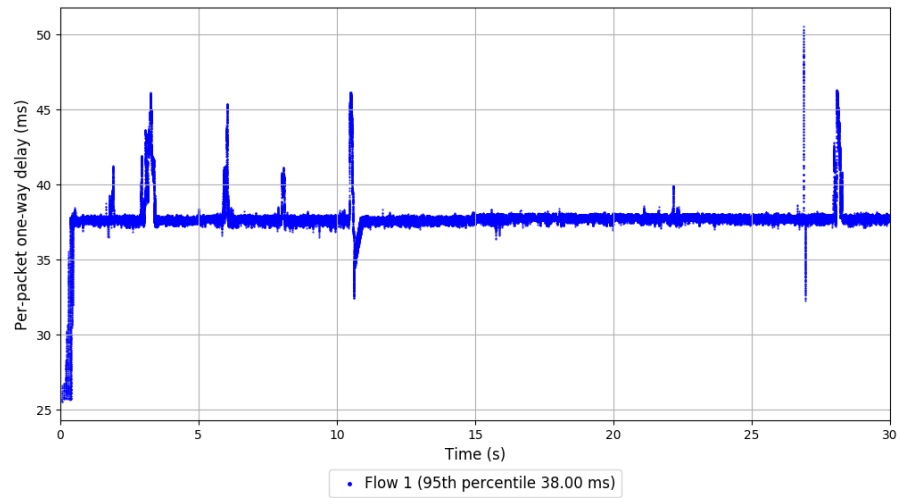
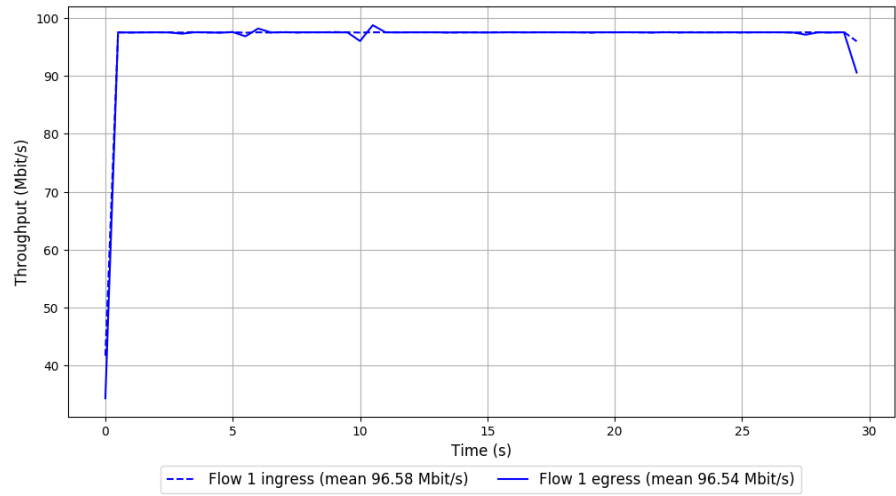
Run 7: Statistics of TCP Cubic

Start at: 2018-01-08 20:52:11  
End at: 2018-01-08 20:52:41  
Local clock offset: 2.904 ms  
Remote clock offset: -3.766 ms

# Below is generated by plot.py at 2018-01-09 01:45:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.54 Mbit/s  
95th percentile per-packet one-way delay: 37.996 ms  
Loss rate: 0.24%  
-- Flow 1:  
Average throughput: 96.54 Mbit/s  
95th percentile per-packet one-way delay: 37.996 ms  
Loss rate: 0.24%



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

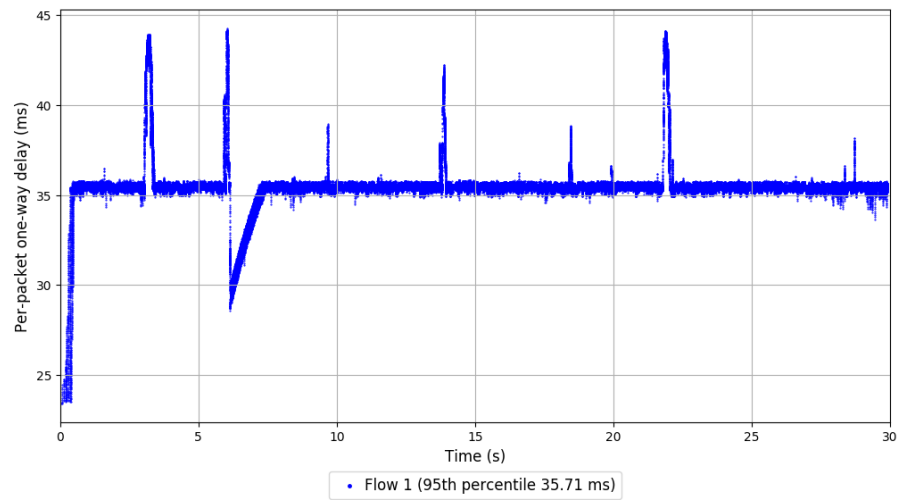
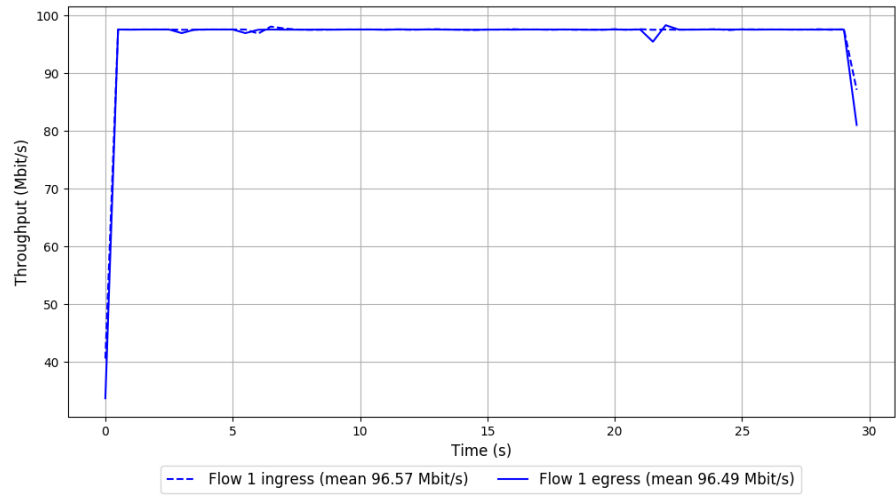


Run 8: Statistics of TCP Cubic

Start at: 2018-01-08 21:12:15  
End at: 2018-01-08 21:12:45  
Local clock offset: 2.548 ms  
Remote clock offset: -2.064 ms

# Below is generated by plot.py at 2018-01-09 01:45:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.49 Mbit/s  
95th percentile per-packet one-way delay: 35.711 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 96.49 Mbit/s  
95th percentile per-packet one-way delay: 35.711 ms  
Loss rate: 0.27%

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

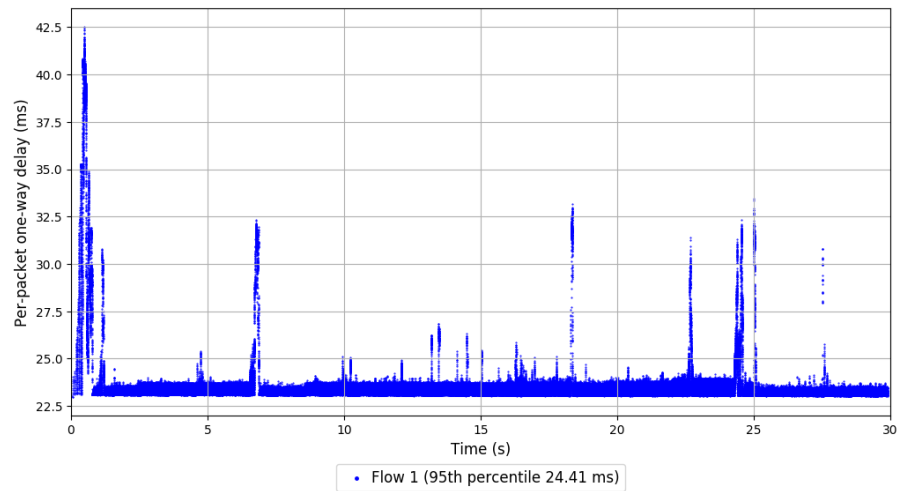
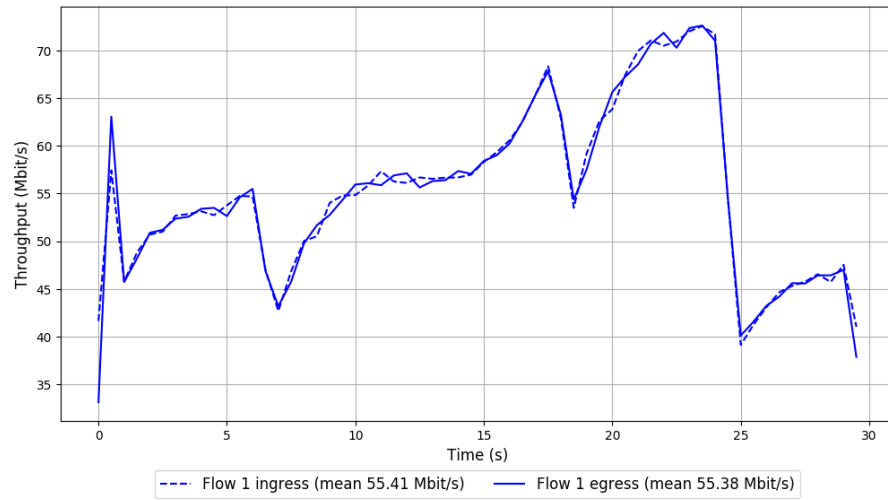


Run 9: Statistics of TCP Cubic

Start at: 2018-01-08 21:32:17  
End at: 2018-01-08 21:32:47  
Local clock offset: 3.856 ms  
Remote clock offset: -2.444 ms

# Below is generated by plot.py at 2018-01-09 01:45:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 55.38 Mbit/s  
95th percentile per-packet one-way delay: 24.406 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 55.38 Mbit/s  
95th percentile per-packet one-way delay: 24.406 ms  
Loss rate: 0.23%

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



Run 10: Statistics of TCP Cubic

Start at: 2018-01-08 21:52:13

End at: 2018-01-08 21:52:43

Local clock offset: 3.168 ms

Remote clock offset: -2.698 ms

# Below is generated by plot.py at 2018-01-09 01:47:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.54 Mbit/s

95th percentile per-packet one-way delay: 35.697 ms

Loss rate: 0.23%

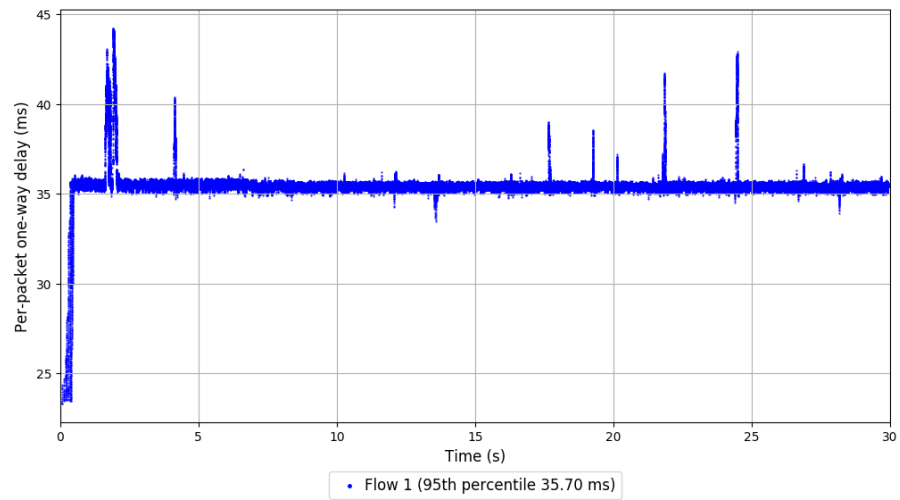
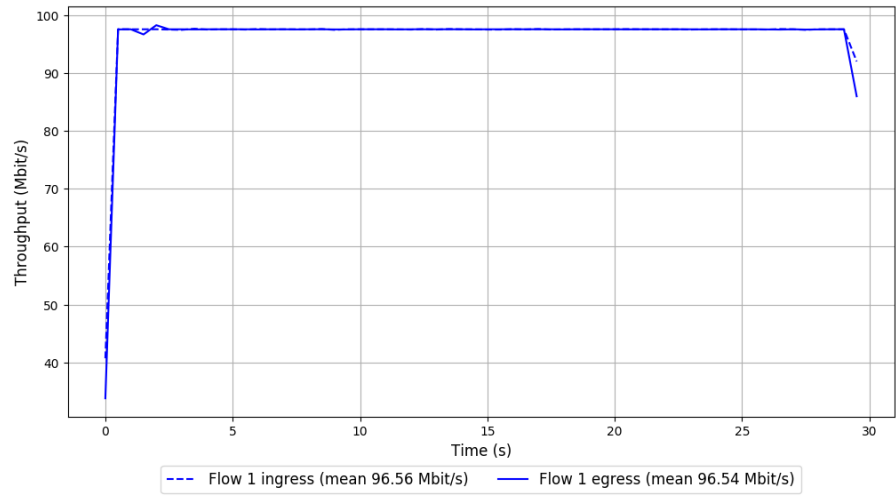
-- Flow 1:

Average throughput: 96.54 Mbit/s

95th percentile per-packet one-way delay: 35.697 ms

Loss rate: 0.23%

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



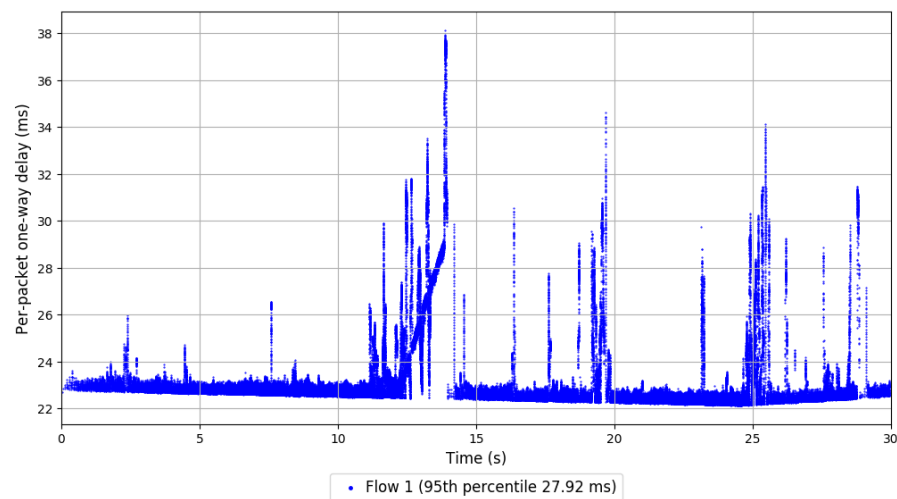
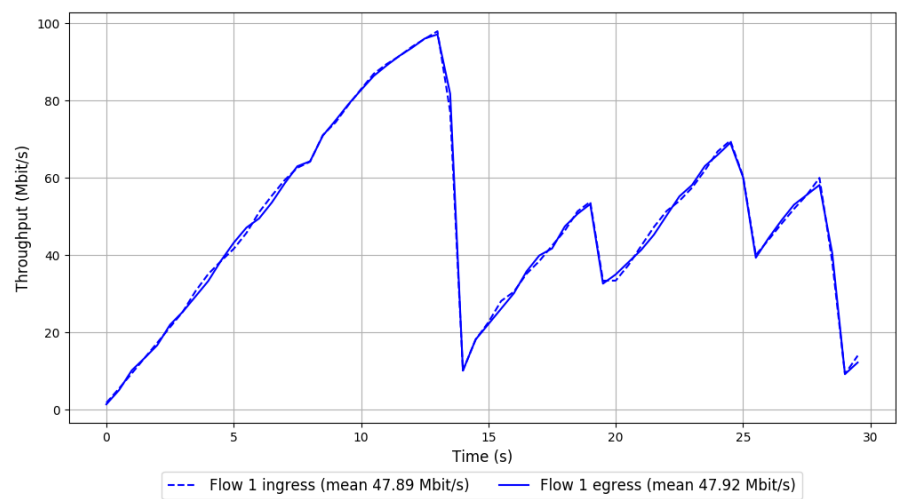
```
Run 1: Statistics of LEDBAT

Start at: 2018-01-08 19:05:16
End at: 2018-01-08 19:05:46
Local clock offset: 27.349 ms
Remote clock offset: -2.81 ms

# Below is generated by plot.py at 2018-01-09 01:47:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.92 Mbit/s
95th percentile per-packet one-way delay: 27.918 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 47.92 Mbit/s
95th percentile per-packet one-way delay: 27.918 ms
Loss rate: 0.12%
```



Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-01-08 19:25:12

End at: 2018-01-08 19:25:42

Local clock offset: 13.36 ms

Remote clock offset: -2.88 ms

# Below is generated by plot.py at 2018-01-09 01:47:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.37 Mbit/s

95th percentile per-packet one-way delay: 27.755 ms

Loss rate: 0.21%

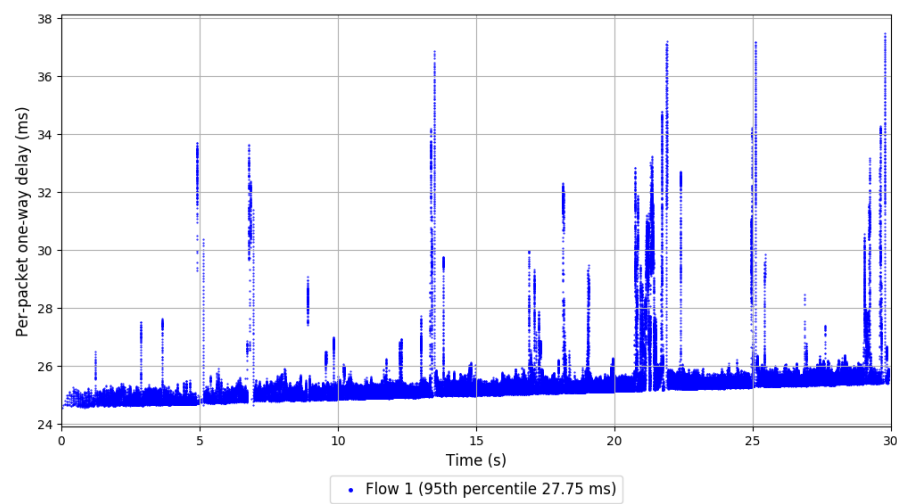
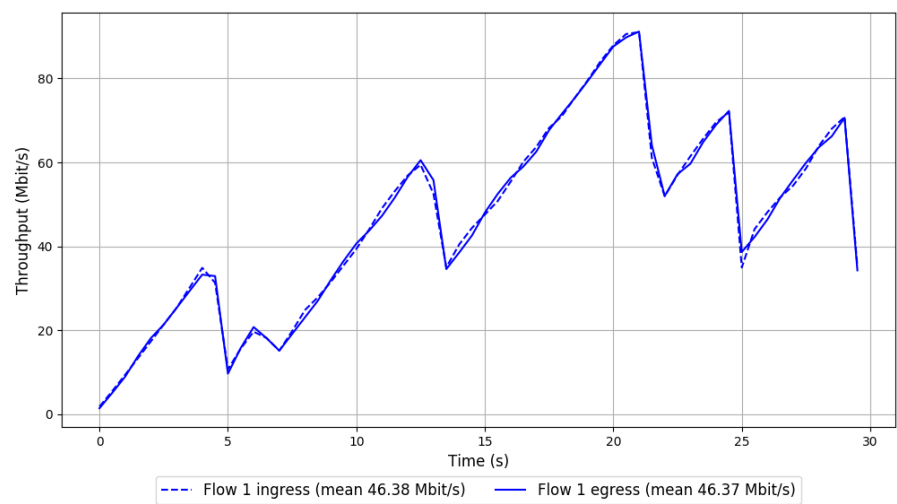
-- Flow 1:

Average throughput: 46.37 Mbit/s

95th percentile per-packet one-way delay: 27.755 ms

Loss rate: 0.21%

Run 2: Report of LEDBAT — Data Link

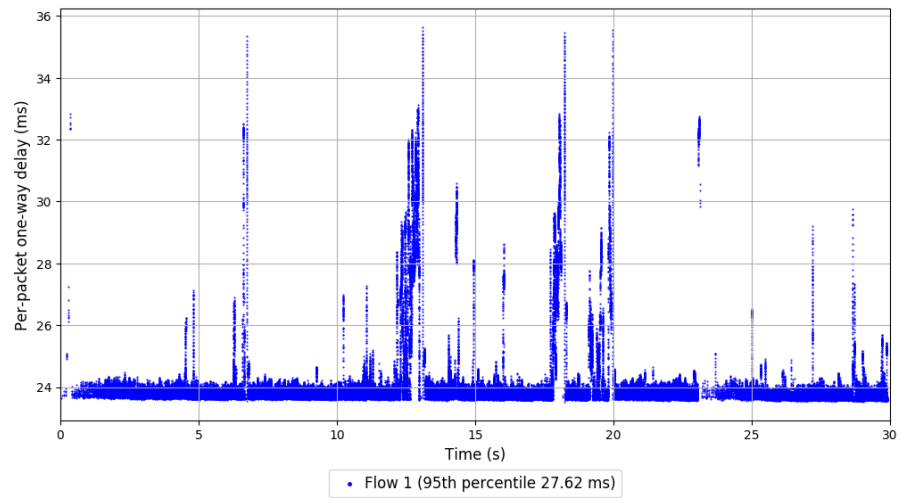
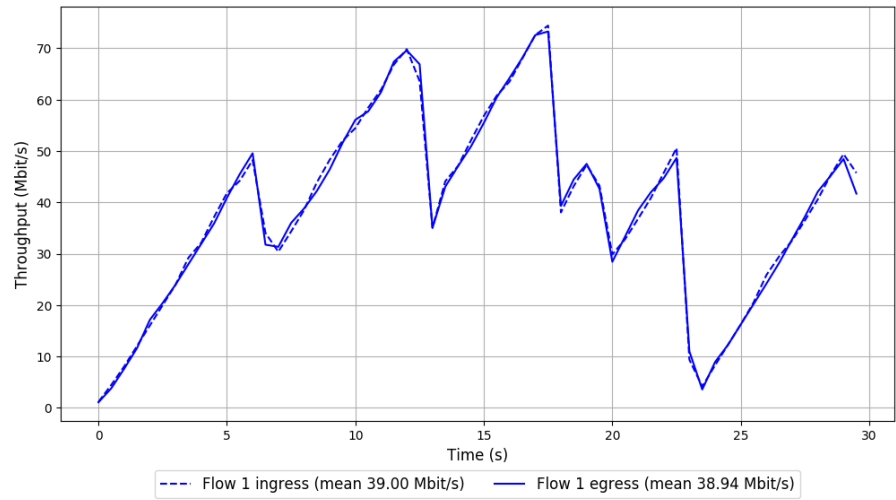


Run 3: Statistics of LEDBAT

Start at: 2018-01-08 19:45:30  
End at: 2018-01-08 19:46:00  
Local clock offset: 5.131 ms  
Remote clock offset: -3.488 ms

# Below is generated by plot.py at 2018-01-09 01:47:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 38.94 Mbit/s  
95th percentile per-packet one-way delay: 27.624 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 38.94 Mbit/s  
95th percentile per-packet one-way delay: 27.624 ms  
Loss rate: 0.34%

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

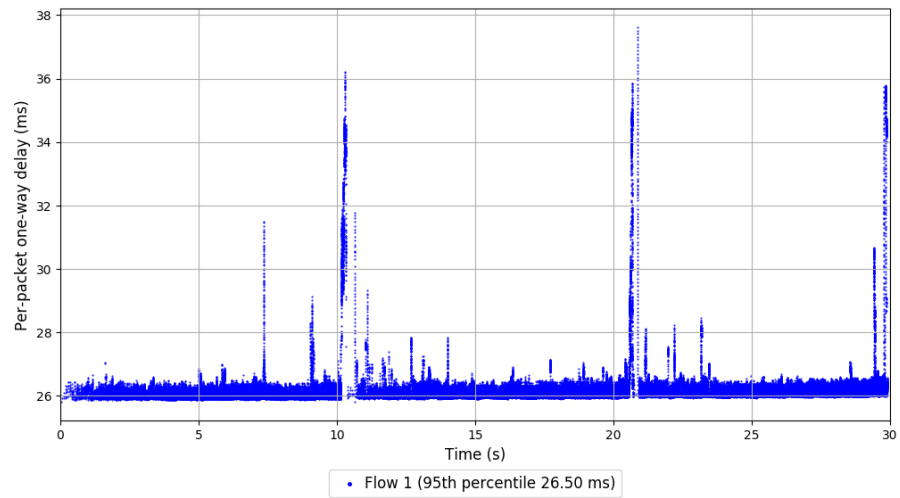
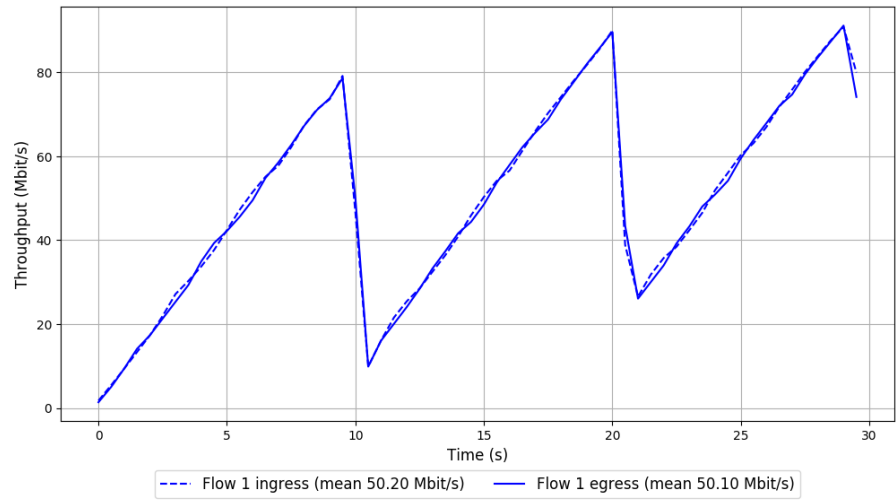


Run 4: Statistics of LEDBAT

Start at: 2018-01-08 20:05:39  
End at: 2018-01-08 20:06:09  
Local clock offset: 2.513 ms  
Remote clock offset: -5.066 ms

# Below is generated by plot.py at 2018-01-09 01:47:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.10 Mbit/s  
95th percentile per-packet one-way delay: 26.501 ms  
Loss rate: 0.37%  
-- Flow 1:  
Average throughput: 50.10 Mbit/s  
95th percentile per-packet one-way delay: 26.501 ms  
Loss rate: 0.37%

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



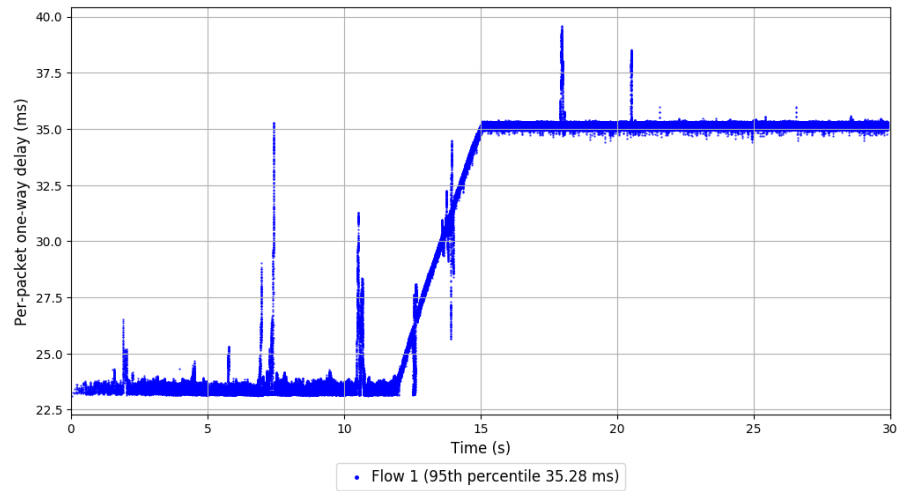
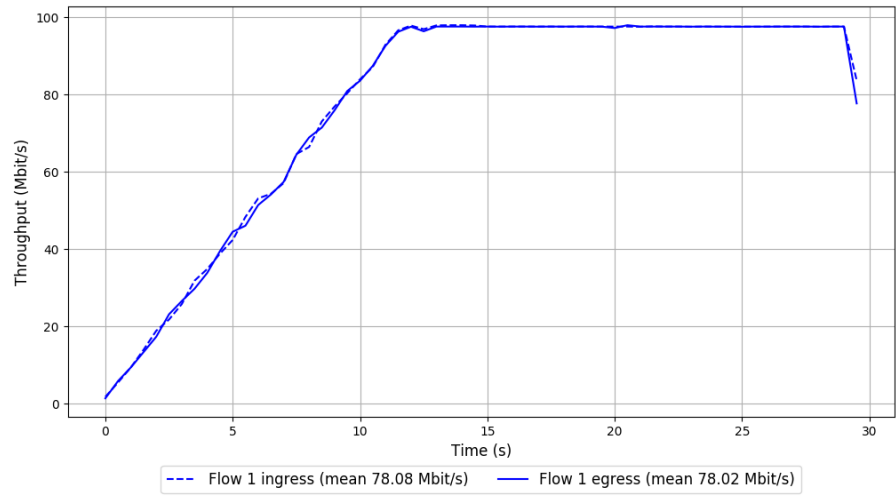
Run 5: Statistics of LEDBAT

Start at: 2018-01-08 20:25:37  
End at: 2018-01-08 20:26:07  
Local clock offset: 2.038 ms  
Remote clock offset: -1.626 ms

# Below is generated by plot.py at 2018-01-09 01:47:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.02 Mbit/s  
95th percentile per-packet one-way delay: 35.279 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 78.02 Mbit/s  
95th percentile per-packet one-way delay: 35.279 ms  
Loss rate: 0.27%



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

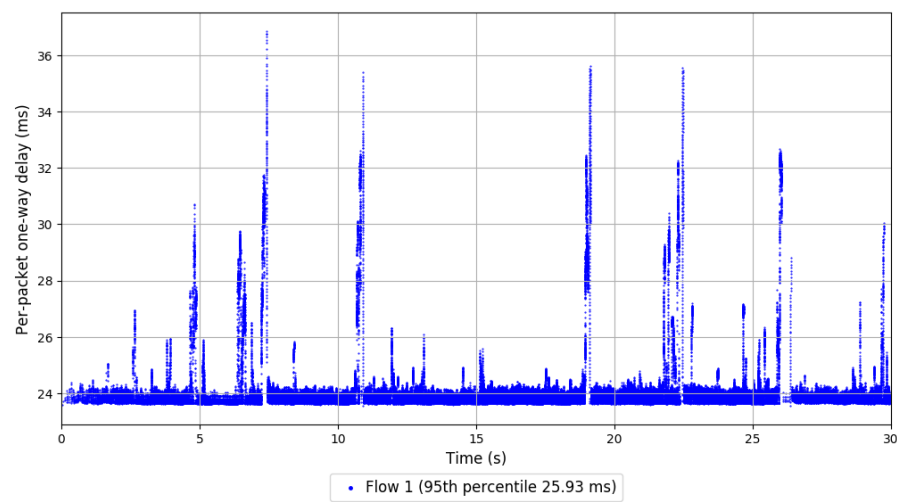
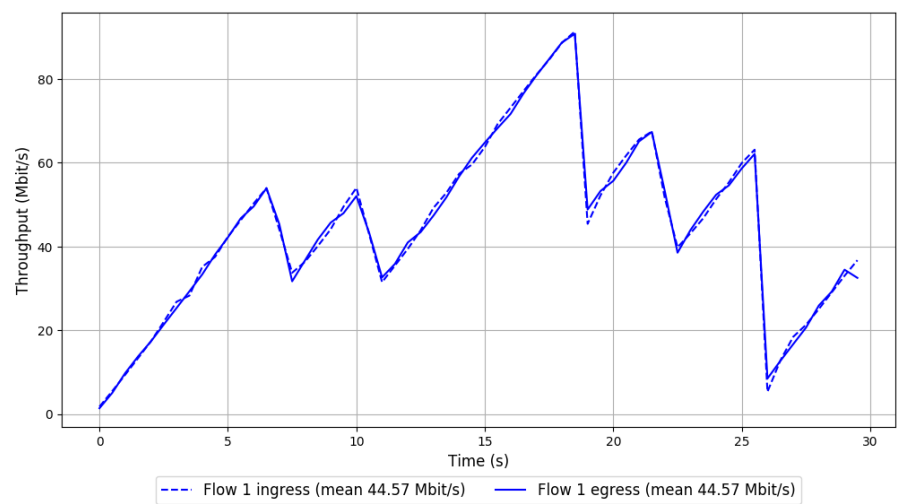


Run 6: Statistics of LEDBAT

Start at: 2018-01-08 20:45:39  
End at: 2018-01-08 20:46:09  
Local clock offset: 2.742 ms  
Remote clock offset: -1.703 ms

# Below is generated by plot.py at 2018-01-09 01:47:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.57 Mbit/s  
95th percentile per-packet one-way delay: 25.931 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 44.57 Mbit/s  
95th percentile per-packet one-way delay: 25.931 ms  
Loss rate: 0.19%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-01-08 21:05:43

End at: 2018-01-08 21:06:13

Local clock offset: 2.497 ms

Remote clock offset: -1.83 ms

# Below is generated by plot.py at 2018-01-09 01:47:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.92 Mbit/s

95th percentile per-packet one-way delay: 25.044 ms

Loss rate: 0.33%

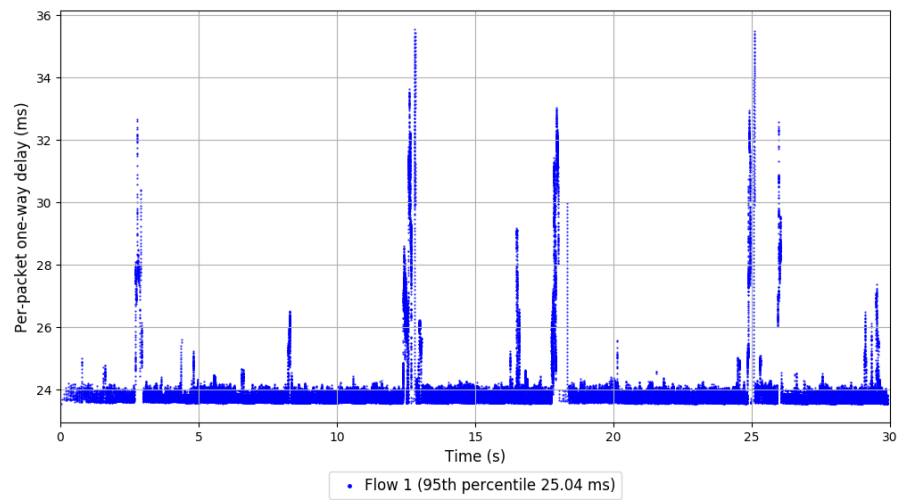
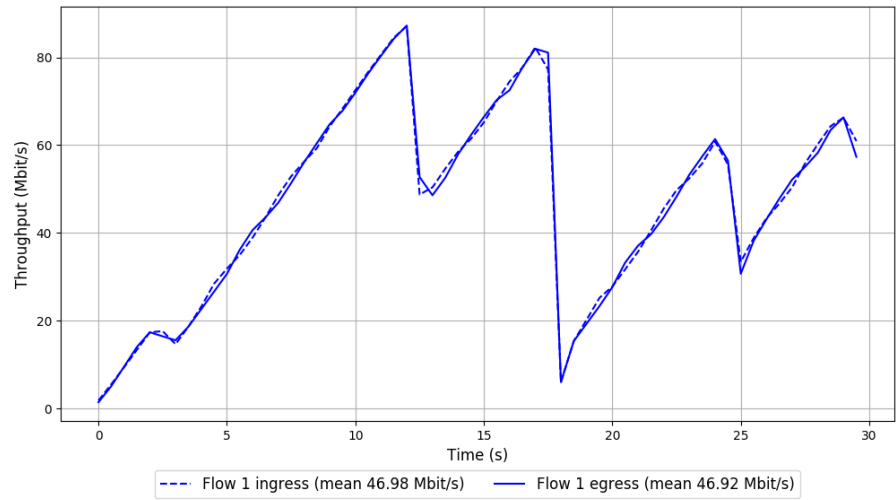
-- Flow 1:

Average throughput: 46.92 Mbit/s

95th percentile per-packet one-way delay: 25.044 ms

Loss rate: 0.33%

## Run 7: Report of LEDBAT — Data Link

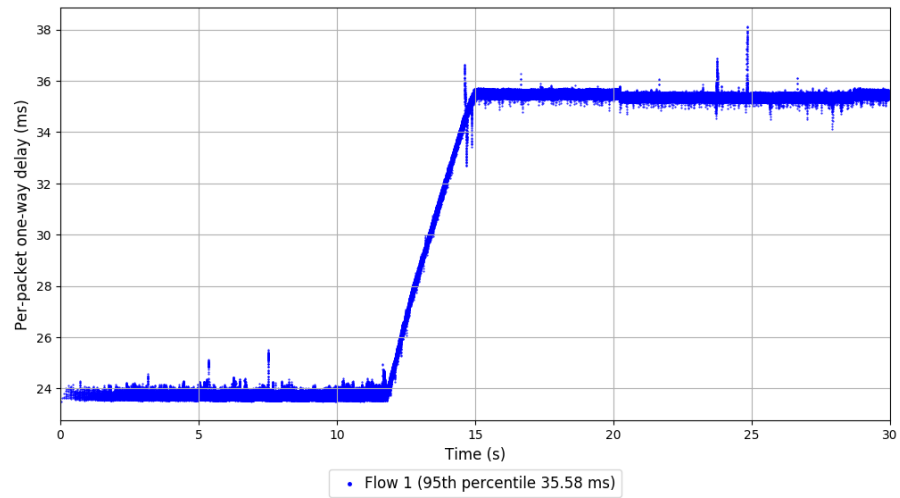
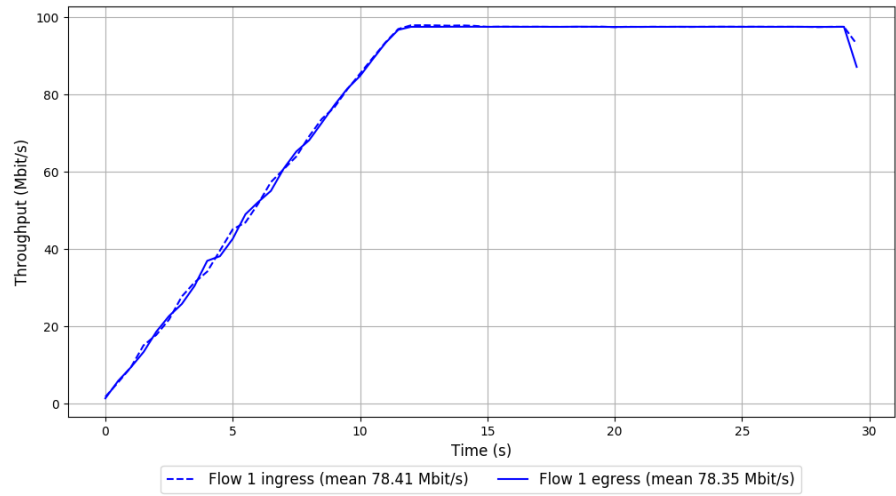


Run 8: Statistics of LEDBAT

Start at: 2018-01-08 21:25:43  
End at: 2018-01-08 21:26:13  
Local clock offset: 3.368 ms  
Remote clock offset: -2.747 ms

# Below is generated by plot.py at 2018-01-09 01:48:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.35 Mbit/s  
95th percentile per-packet one-way delay: 35.576 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 78.35 Mbit/s  
95th percentile per-packet one-way delay: 35.576 ms  
Loss rate: 0.27%

## Run 8: Report of LEDBAT — Data Link



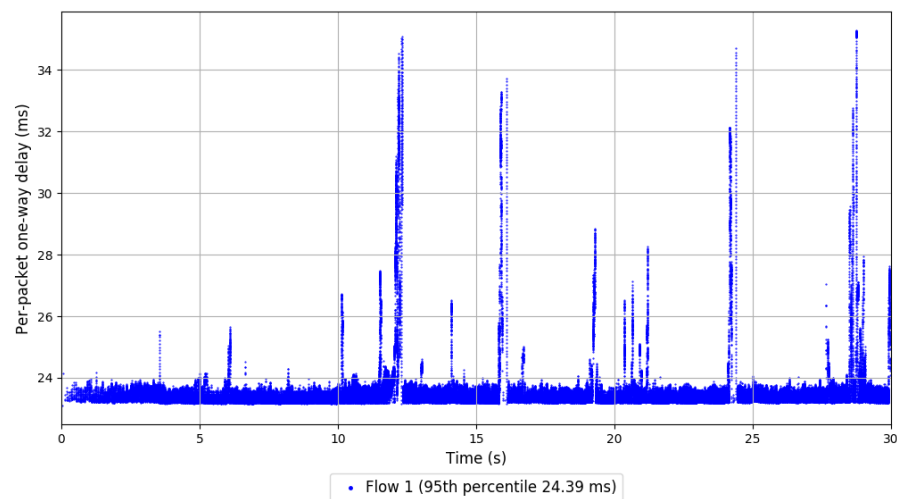
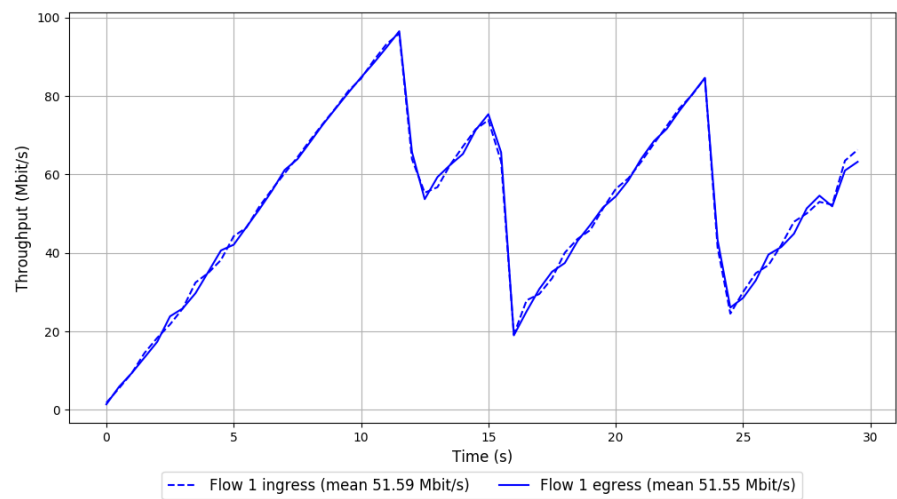
Run 9: Statistics of LEDBAT

Start at: 2018-01-08 21:45:40  
End at: 2018-01-08 21:46:11  
Local clock offset: 3.264 ms  
Remote clock offset: -2.611 ms

# Below is generated by plot.py at 2018-01-09 01:48:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 51.55 Mbit/s  
95th percentile per-packet one-way delay: 24.395 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 51.55 Mbit/s  
95th percentile per-packet one-way delay: 24.395 ms  
Loss rate: 0.25%



Run 9: Report of LEDBAT — Data Link

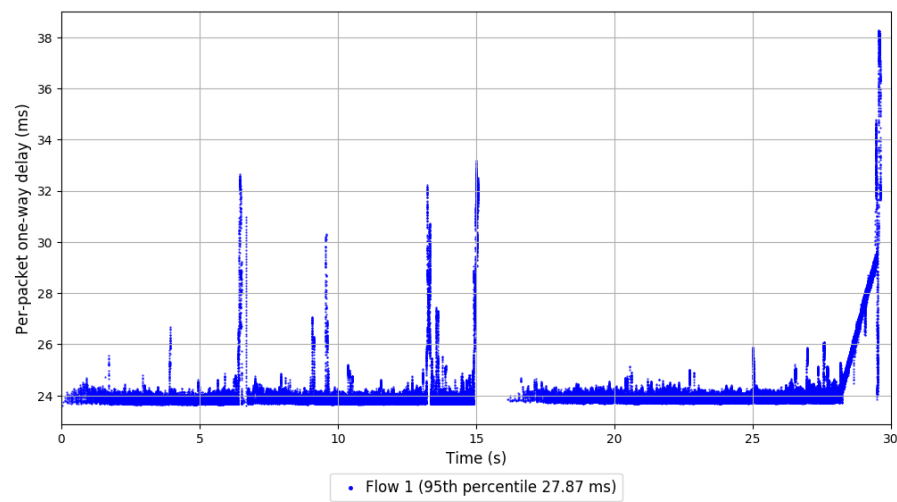
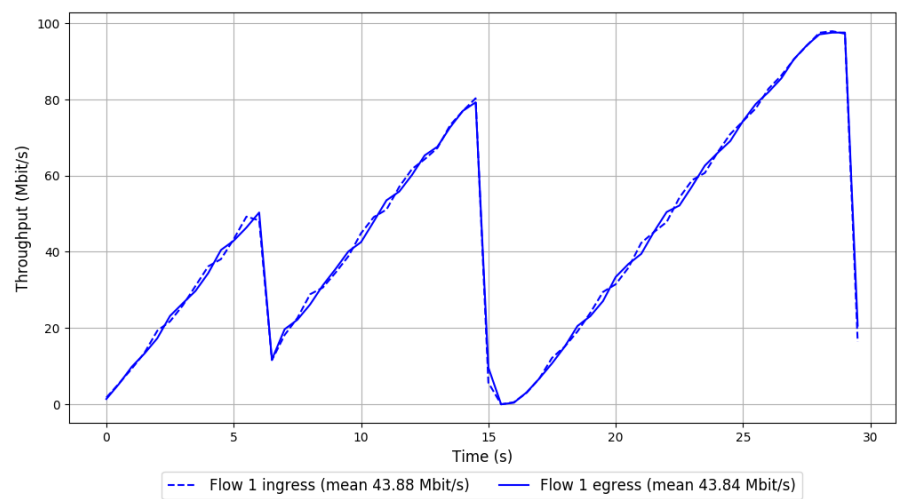


Run 10: Statistics of LEDBAT

Start at: 2018-01-08 22:05:42  
End at: 2018-01-08 22:06:12  
Local clock offset: 2.419 ms  
Remote clock offset: -2.205 ms

# Below is generated by plot.py at 2018-01-09 01:48:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 43.84 Mbit/s  
95th percentile per-packet one-way delay: 27.870 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 43.84 Mbit/s  
95th percentile per-packet one-way delay: 27.870 ms  
Loss rate: 0.07%

Run 10: Report of LEDBAT — Data Link

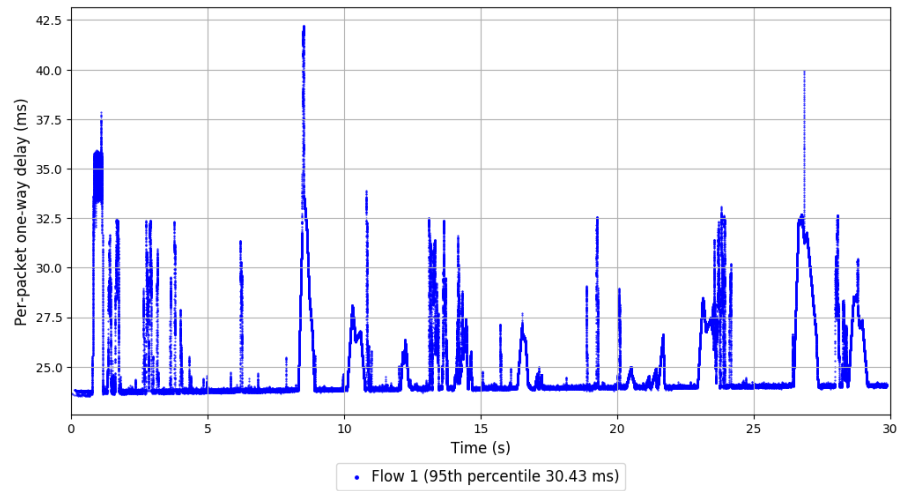
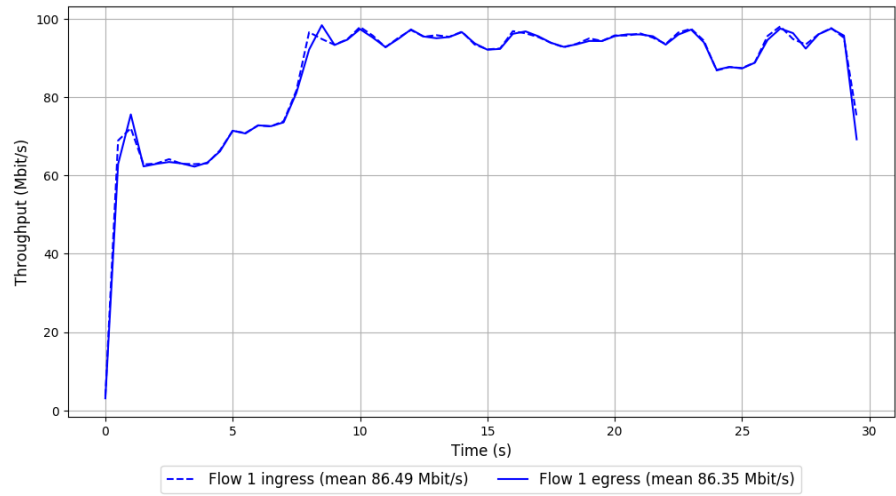


```
Run 1: Statistics of PCC

Start at: 2018-01-08 19:01:12
End at: 2018-01-08 19:01:42
Local clock offset: 26.821 ms
Remote clock offset: -2.395 ms

# Below is generated by plot.py at 2018-01-09 01:48:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.35 Mbit/s
95th percentile per-packet one-way delay: 30.432 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 86.35 Mbit/s
95th percentile per-packet one-way delay: 30.432 ms
Loss rate: 0.33%
```

### Run 1: Report of PCC — Data Link

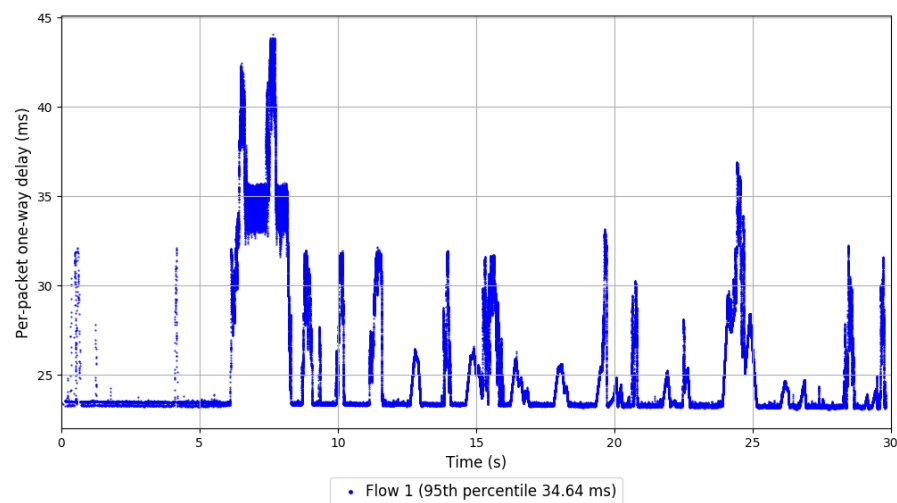
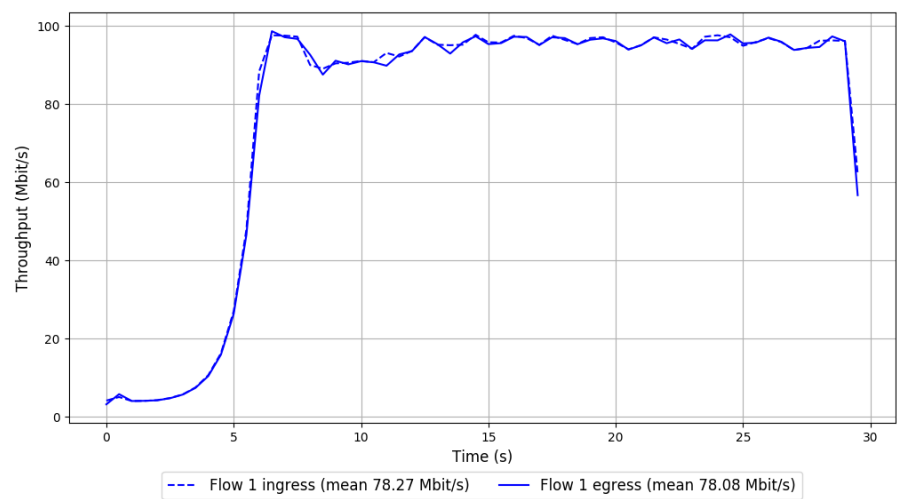


Run 2: Statistics of PCC

Start at: 2018-01-08 19:21:08  
End at: 2018-01-08 19:21:38  
Local clock offset: 17.062 ms  
Remote clock offset: -2.853 ms

# Below is generated by plot.py at 2018-01-09 01:49:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.08 Mbit/s  
95th percentile per-packet one-way delay: 34.644 ms  
Loss rate: 0.43%  
-- Flow 1:  
Average throughput: 78.08 Mbit/s  
95th percentile per-packet one-way delay: 34.644 ms  
Loss rate: 0.43%

Run 2: Report of PCC — Data Link



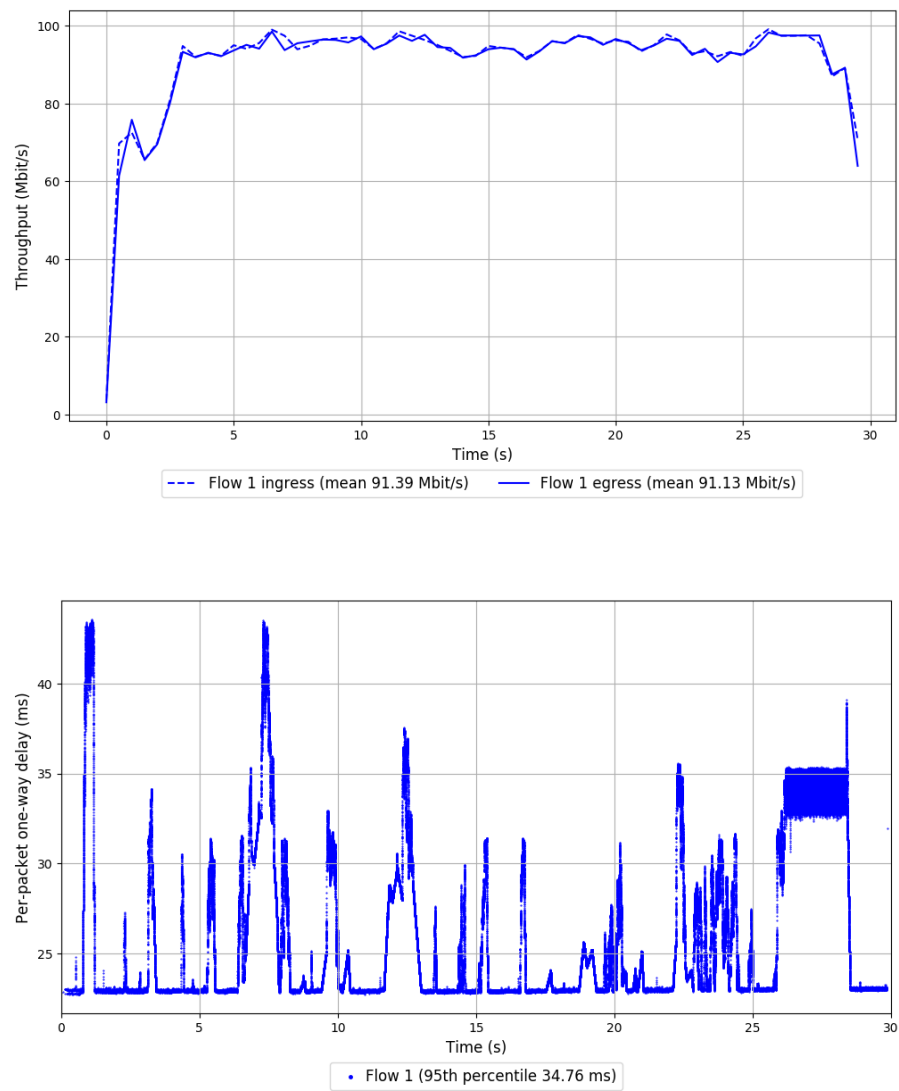
Run 3: Statistics of PCC

Start at: 2018-01-08 19:41:23  
End at: 2018-01-08 19:41:53  
Local clock offset: 5.925 ms  
Remote clock offset: -2.818 ms

# Below is generated by plot.py at 2018-01-09 01:49:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.13 Mbit/s  
95th percentile per-packet one-way delay: 34.760 ms  
Loss rate: 0.45%  
-- Flow 1:  
Average throughput: 91.13 Mbit/s  
95th percentile per-packet one-way delay: 34.760 ms  
Loss rate: 0.45%



Run 3: Report of PCC — Data Link

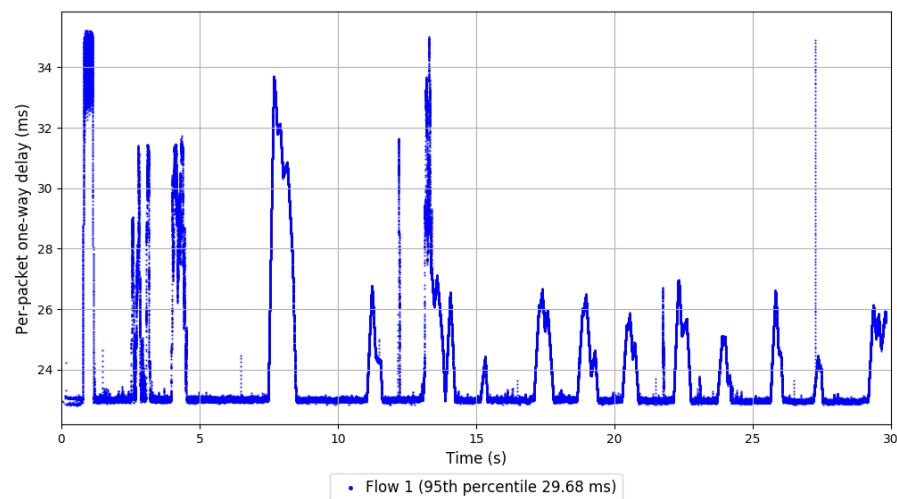
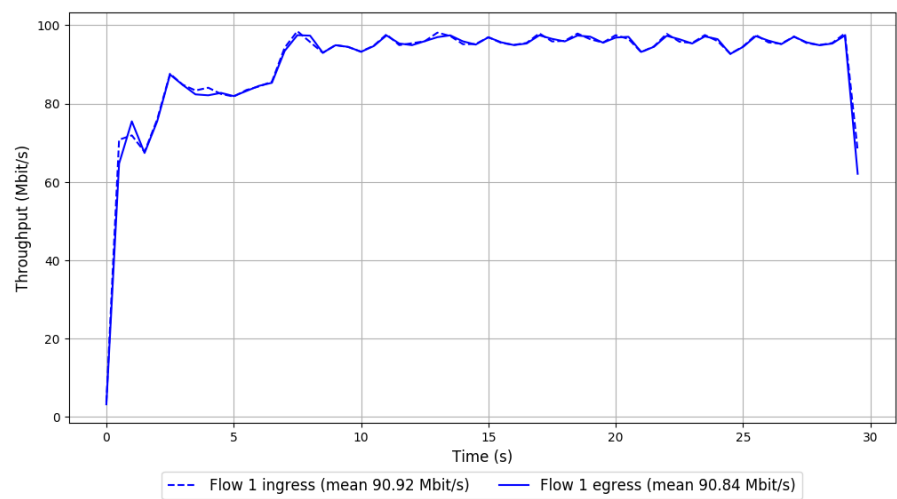


Run 4: Statistics of PCC

Start at: 2018-01-08 20:01:36  
End at: 2018-01-08 20:02:06  
Local clock offset: 3.372 ms  
Remote clock offset: -2.785 ms

# Below is generated by plot.py at 2018-01-09 01:49:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.84 Mbit/s  
95th percentile per-packet one-way delay: 29.680 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 90.84 Mbit/s  
95th percentile per-packet one-way delay: 29.680 ms  
Loss rate: 0.27%

Run 4: Report of PCC — Data Link

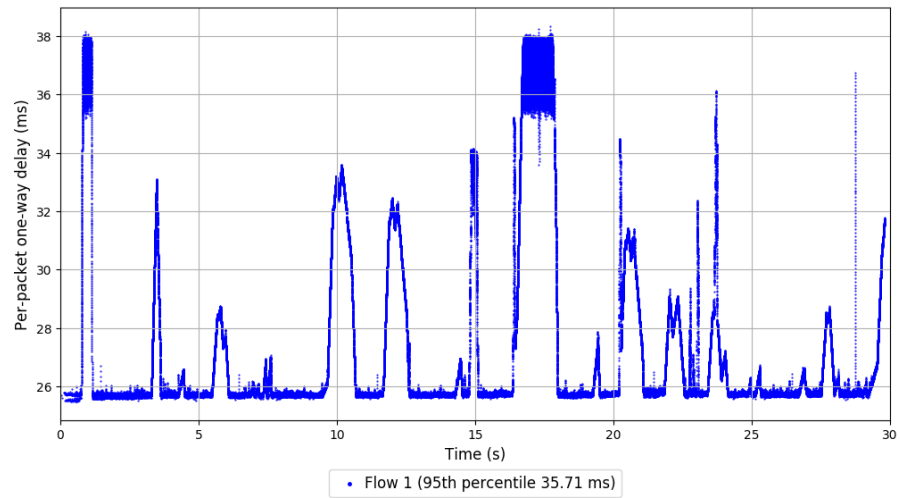
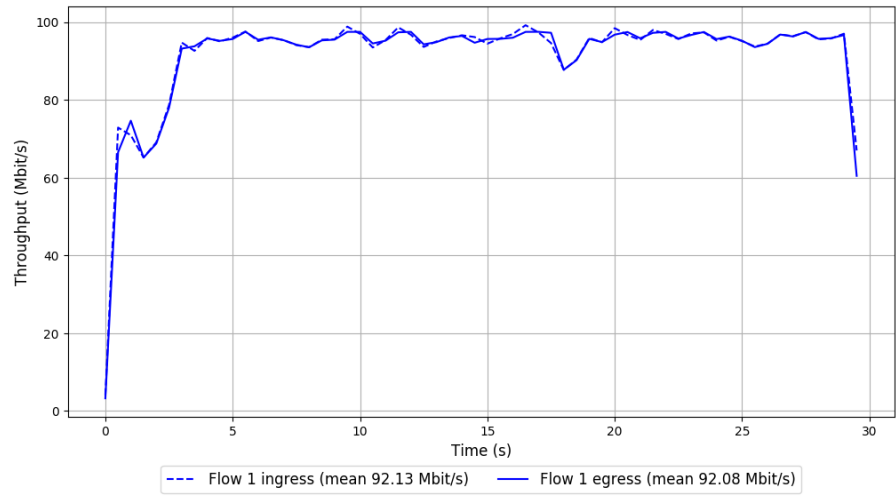


Run 5: Statistics of PCC

Start at: 2018-01-08 20:21:34  
End at: 2018-01-08 20:22:04  
Local clock offset: 2.246 ms  
Remote clock offset: -4.294 ms

# Below is generated by plot.py at 2018-01-09 01:49:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.08 Mbit/s  
95th percentile per-packet one-way delay: 35.709 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 92.08 Mbit/s  
95th percentile per-packet one-way delay: 35.709 ms  
Loss rate: 0.23%

### Run 5: Report of PCC — Data Link

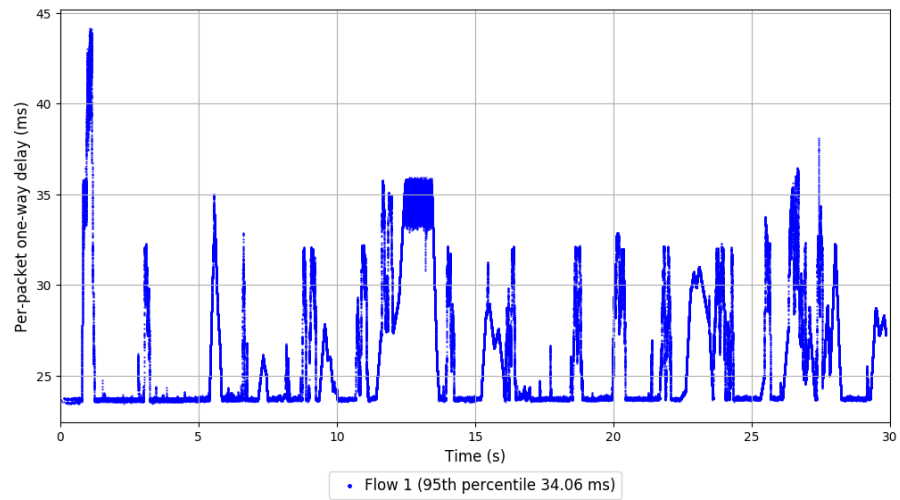
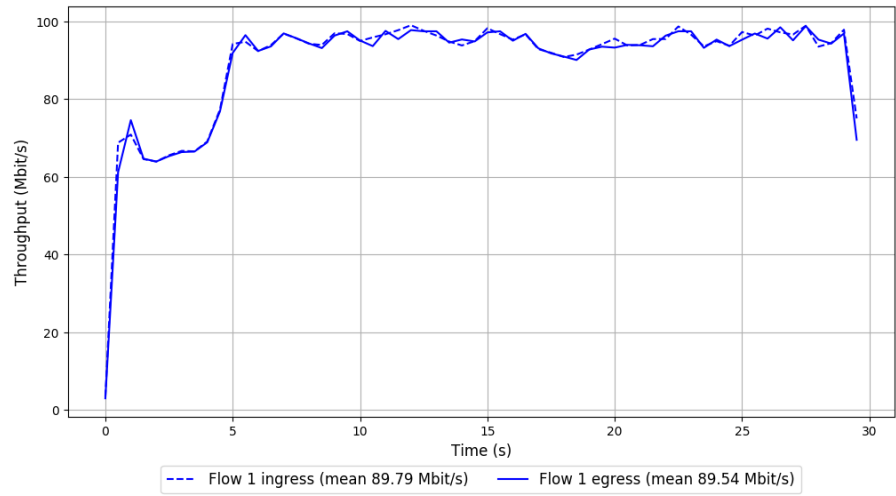


Run 6: Statistics of PCC

Start at: 2018-01-08 20:41:34  
End at: 2018-01-08 20:42:04  
Local clock offset: 2.984 ms  
Remote clock offset: -1.759 ms

# Below is generated by plot.py at 2018-01-09 01:50:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.54 Mbit/s  
95th percentile per-packet one-way delay: 34.060 ms  
Loss rate: 0.46%  
-- Flow 1:  
Average throughput: 89.54 Mbit/s  
95th percentile per-packet one-way delay: 34.060 ms  
Loss rate: 0.46%

## Run 6: Report of PCC — Data Link



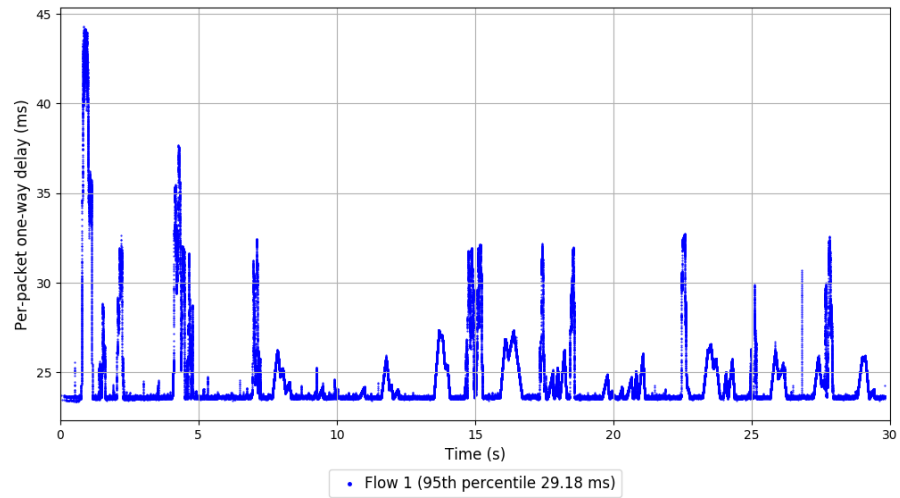
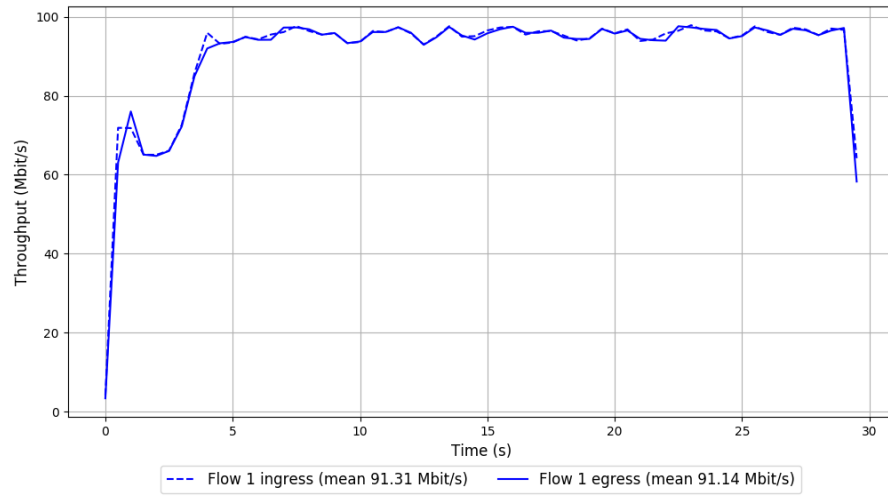
Run 7: Statistics of PCC

Start at: 2018-01-08 21:01:40  
End at: 2018-01-08 21:02:10  
Local clock offset: 2.504 ms  
Remote clock offset: -1.706 ms

# Below is generated by plot.py at 2018-01-09 01:50:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.14 Mbit/s  
95th percentile per-packet one-way delay: 29.185 ms  
Loss rate: 0.37%  
-- Flow 1:  
Average throughput: 91.14 Mbit/s  
95th percentile per-packet one-way delay: 29.185 ms  
Loss rate: 0.37%



## Run 7: Report of PCC — Data Link

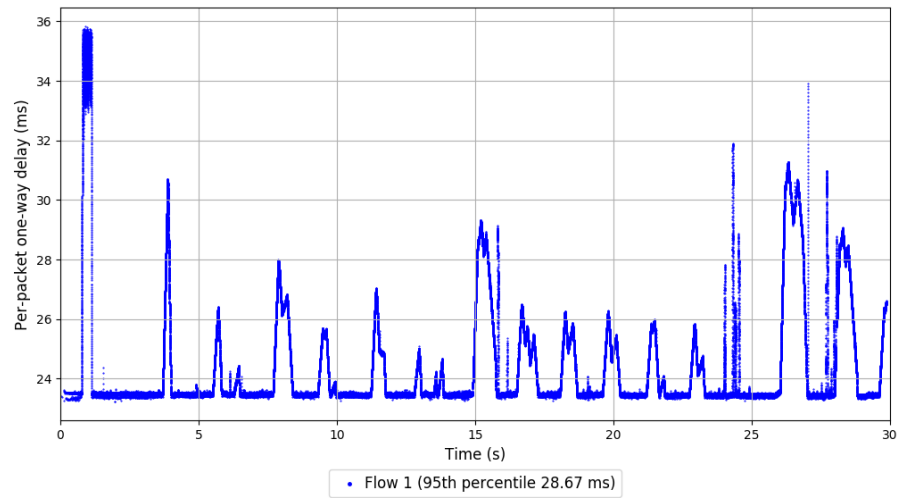
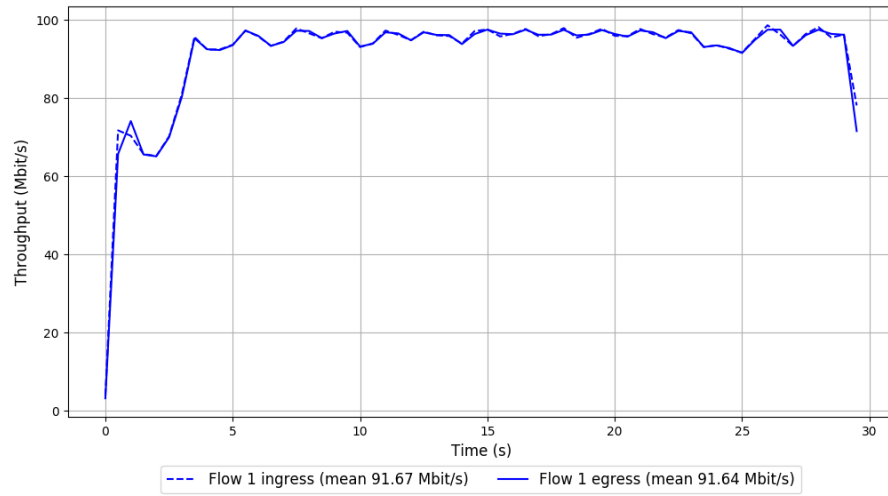


Run 8: Statistics of PCC

Start at: 2018-01-08 21:21:41  
End at: 2018-01-08 21:22:11  
Local clock offset: 3.015 ms  
Remote clock offset: -2.603 ms

# Below is generated by plot.py at 2018-01-09 01:50:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.64 Mbit/s  
95th percentile per-packet one-way delay: 28.672 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 91.64 Mbit/s  
95th percentile per-packet one-way delay: 28.672 ms  
Loss rate: 0.20%

## Run 8: Report of PCC — Data Link

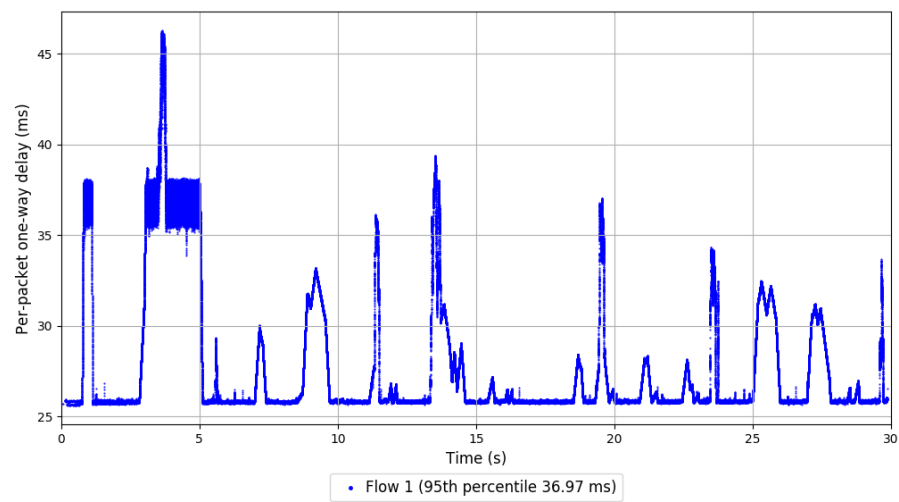
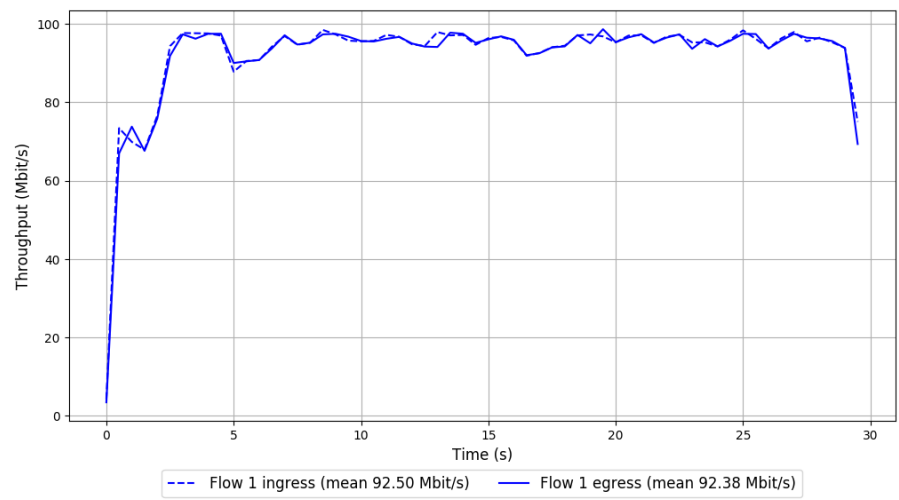


Run 9: Statistics of PCC

Start at: 2018-01-08 21:41:37  
End at: 2018-01-08 21:42:07  
Local clock offset: 3.553 ms  
Remote clock offset: -5.143 ms

# Below is generated by plot.py at 2018-01-09 01:51:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.38 Mbit/s  
95th percentile per-packet one-way delay: 36.966 ms  
Loss rate: 0.30%  
-- Flow 1:  
Average throughput: 92.38 Mbit/s  
95th percentile per-packet one-way delay: 36.966 ms  
Loss rate: 0.30%

Run 9: Report of PCC — Data Link

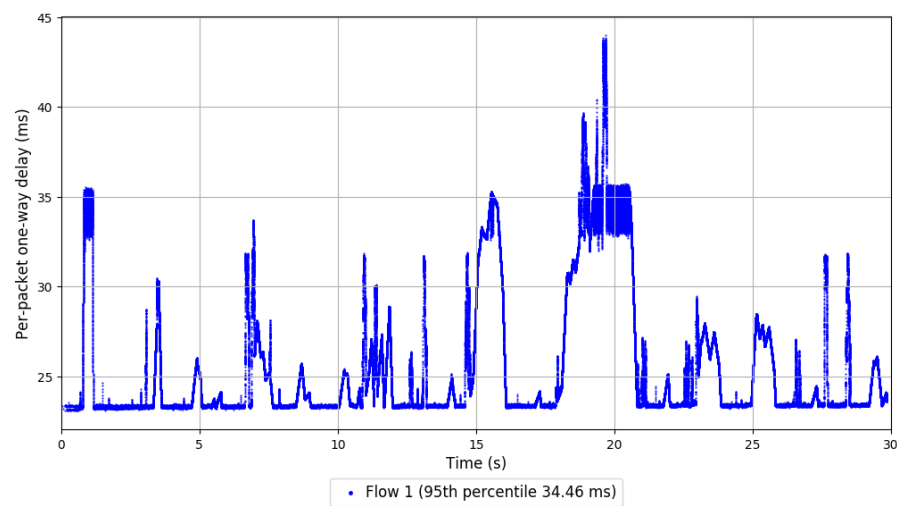
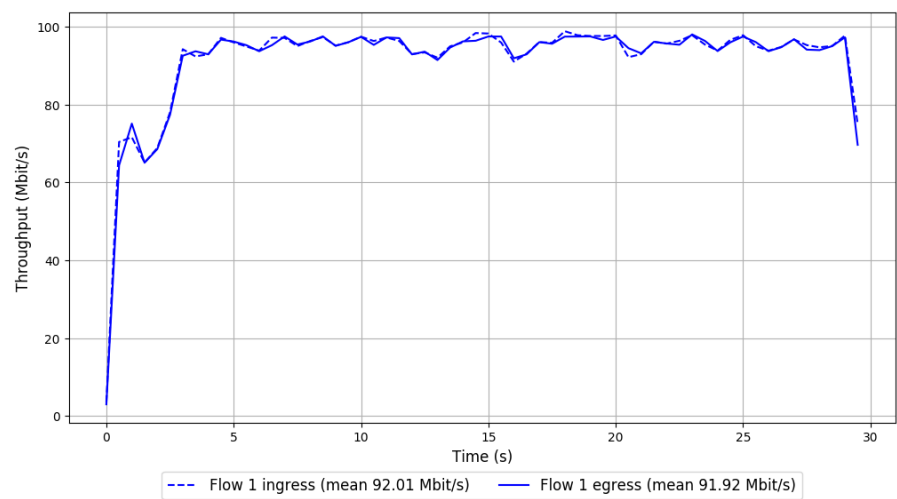


Run 10: Statistics of PCC

Start at: 2018-01-08 22:01:36  
End at: 2018-01-08 22:02:06  
Local clock offset: 3.012 ms  
Remote clock offset: -2.046 ms

# Below is generated by plot.py at 2018-01-09 01:51:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.92 Mbit/s  
95th percentile per-packet one-way delay: 34.459 ms  
Loss rate: 0.28%  
-- Flow 1:  
Average throughput: 91.92 Mbit/s  
95th percentile per-packet one-way delay: 34.459 ms  
Loss rate: 0.28%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-01-08 19:06:35

End at: 2018-01-08 19:07:05

Local clock offset: 27.68 ms

Remote clock offset: -2.761 ms

# Below is generated by plot.py at 2018-01-09 01:51:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.17 Mbit/s

95th percentile per-packet one-way delay: 37.460 ms

Loss rate: 0.29%

-- Flow 1:

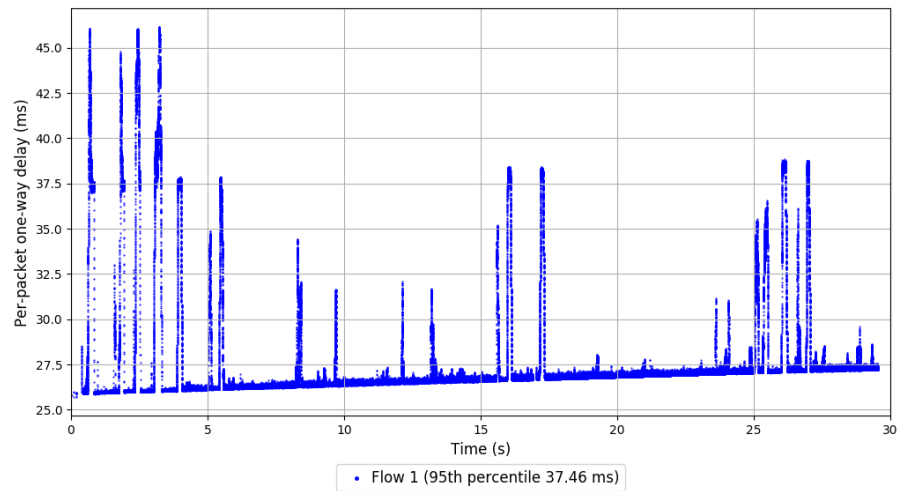
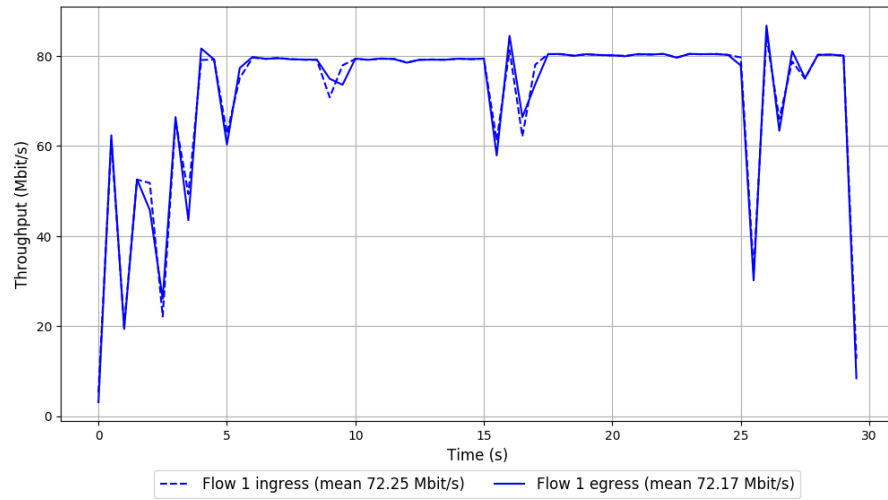
Average throughput: 72.17 Mbit/s

95th percentile per-packet one-way delay: 37.460 ms

Loss rate: 0.29%



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



Run 2: Statistics of QUIC Cubic

Start at: 2018-01-08 19:26:32

End at: 2018-01-08 19:27:02

Local clock offset: 11.27 ms

Remote clock offset: -2.411 ms

# Below is generated by plot.py at 2018-01-09 01:52:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.79 Mbit/s

95th percentile per-packet one-way delay: 35.694 ms

Loss rate: 0.35%

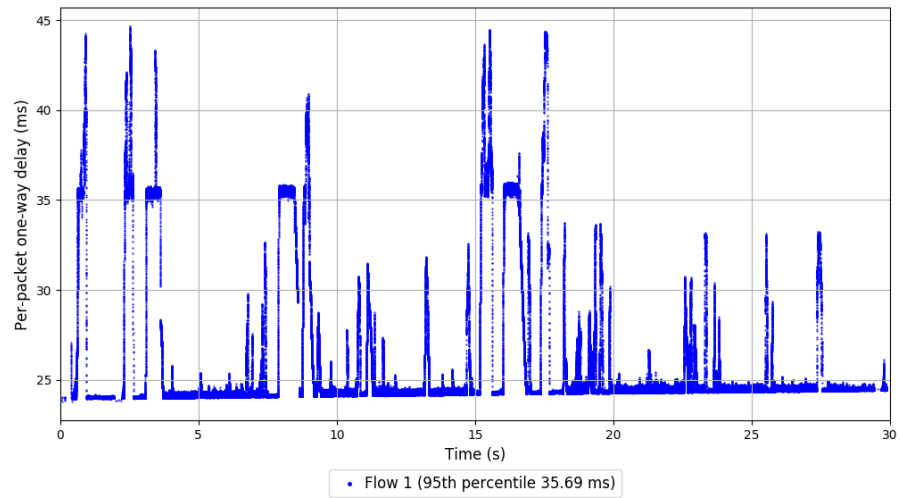
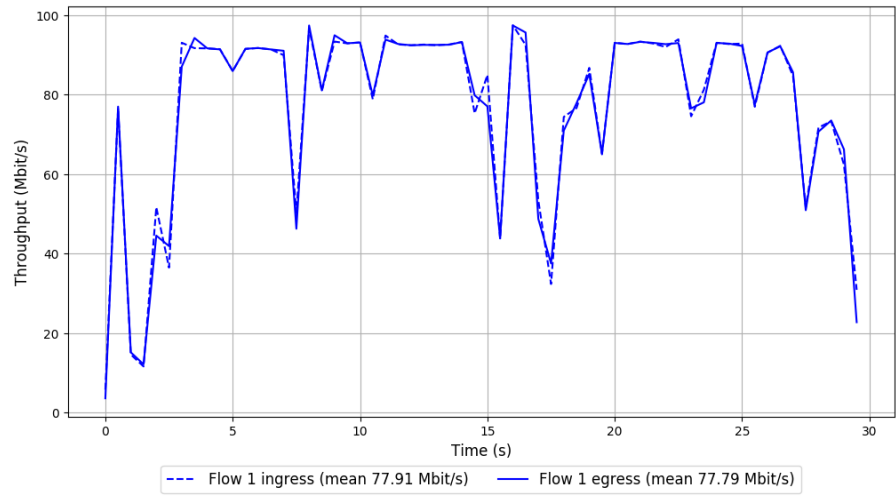
-- Flow 1:

Average throughput: 77.79 Mbit/s

95th percentile per-packet one-way delay: 35.694 ms

Loss rate: 0.35%

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



Run 3: Statistics of QUIC Cubic

Start at: 2018-01-08 19:46:50

End at: 2018-01-08 19:47:20

Local clock offset: 5.265 ms

Remote clock offset: -5.598 ms

# Below is generated by plot.py at 2018-01-09 01:52:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 51.39 Mbit/s

95th percentile per-packet one-way delay: 36.613 ms

Loss rate: 0.30%

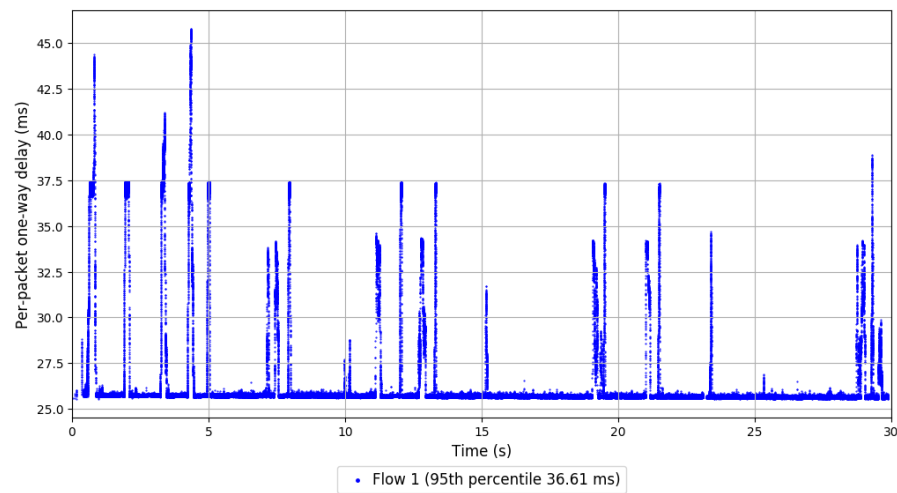
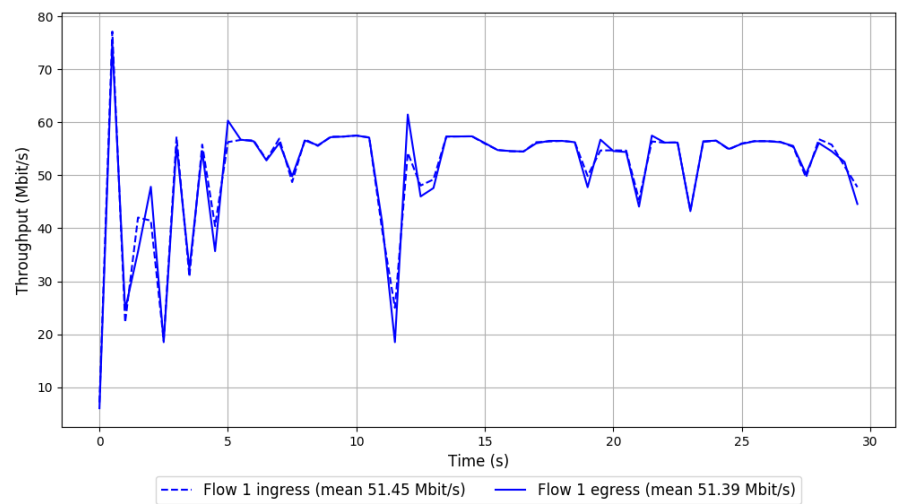
-- Flow 1:

Average throughput: 51.39 Mbit/s

95th percentile per-packet one-way delay: 36.613 ms

Loss rate: 0.30%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-01-08 20:06:59

End at: 2018-01-08 20:07:29

Local clock offset: 2.118 ms

Remote clock offset: -3.005 ms

# Below is generated by plot.py at 2018-01-09 01:52:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.90 Mbit/s

95th percentile per-packet one-way delay: 35.249 ms

Loss rate: 0.29%

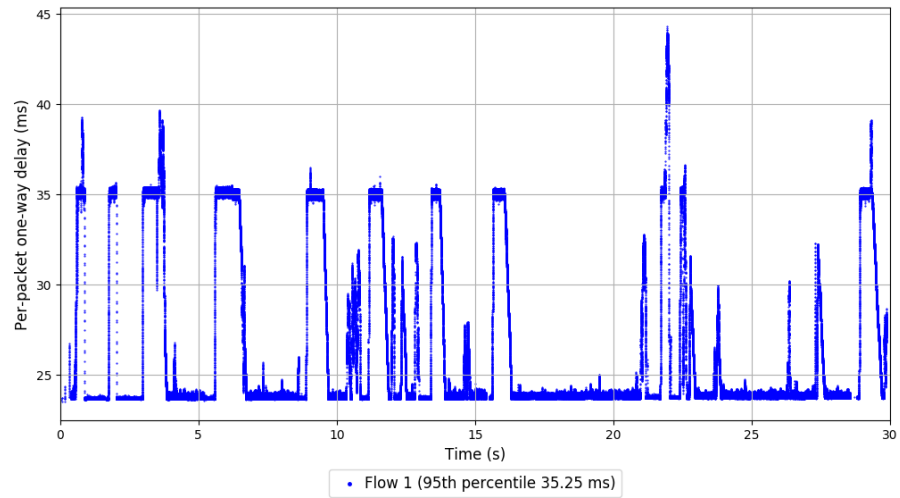
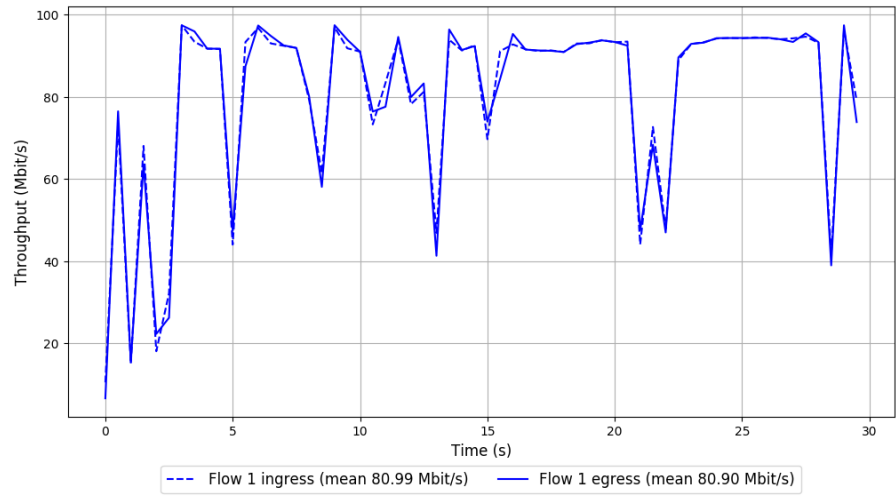
-- Flow 1:

Average throughput: 80.90 Mbit/s

95th percentile per-packet one-way delay: 35.249 ms

Loss rate: 0.29%

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



Run 5: Statistics of QUIC Cubic

Start at: 2018-01-08 20:26:58

End at: 2018-01-08 20:27:28

Local clock offset: 1.957 ms

Remote clock offset: -4.143 ms

# Below is generated by plot.py at 2018-01-09 01:52:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.85 Mbit/s

95th percentile per-packet one-way delay: 36.828 ms

Loss rate: 0.10%

-- Flow 1:

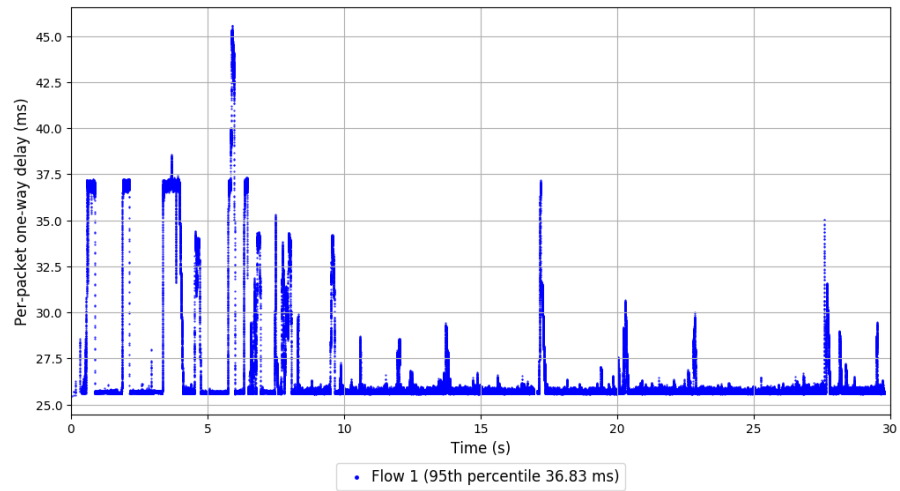
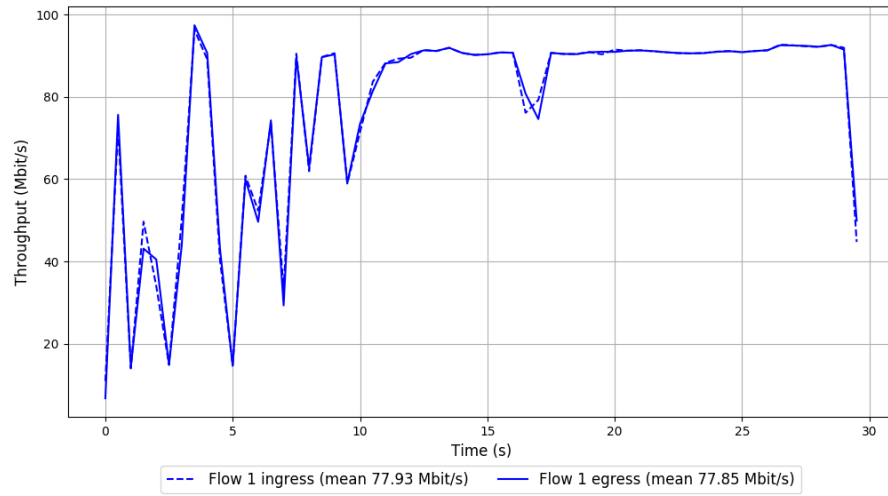
Average throughput: 77.85 Mbit/s

95th percentile per-packet one-way delay: 36.828 ms

Loss rate: 0.10%



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



Run 6: Statistics of QUIC Cubic

Start at: 2018-01-08 20:46:58

End at: 2018-01-08 20:47:28

Local clock offset: 2.669 ms

Remote clock offset: -1.23 ms

# Below is generated by plot.py at 2018-01-09 01:52:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.34 Mbit/s

95th percentile per-packet one-way delay: 29.080 ms

Loss rate: 0.21%

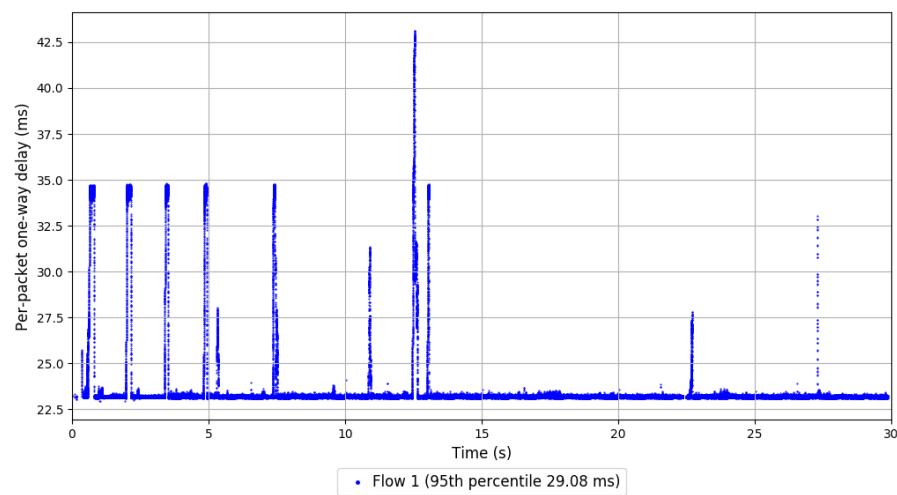
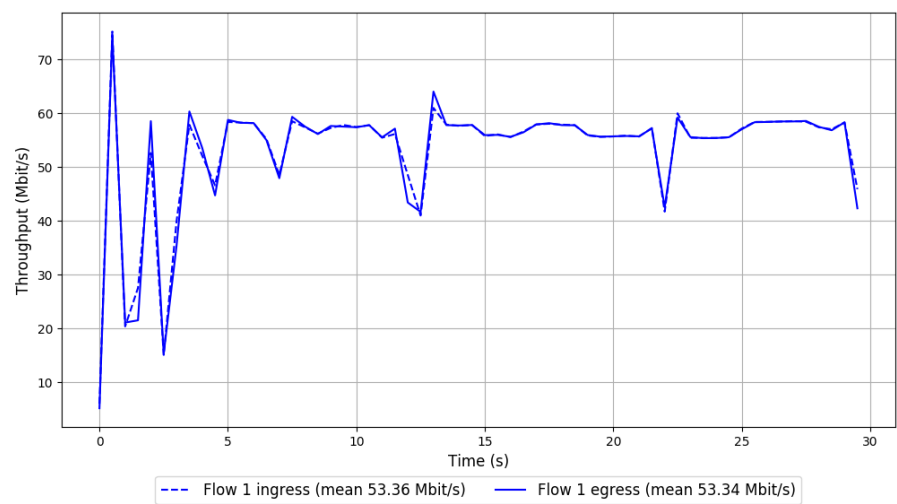
-- Flow 1:

Average throughput: 53.34 Mbit/s

95th percentile per-packet one-way delay: 29.080 ms

Loss rate: 0.21%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-01-08 21:07:02

End at: 2018-01-08 21:07:32

Local clock offset: 2.417 ms

Remote clock offset: -1.431 ms

# Below is generated by plot.py at 2018-01-09 01:53:53

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.61 Mbit/s

95th percentile per-packet one-way delay: 34.447 ms

Loss rate: 0.40%

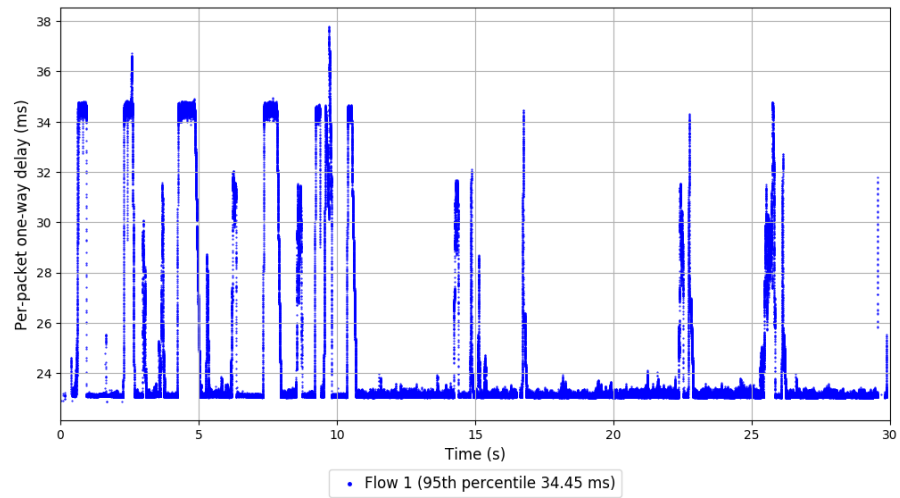
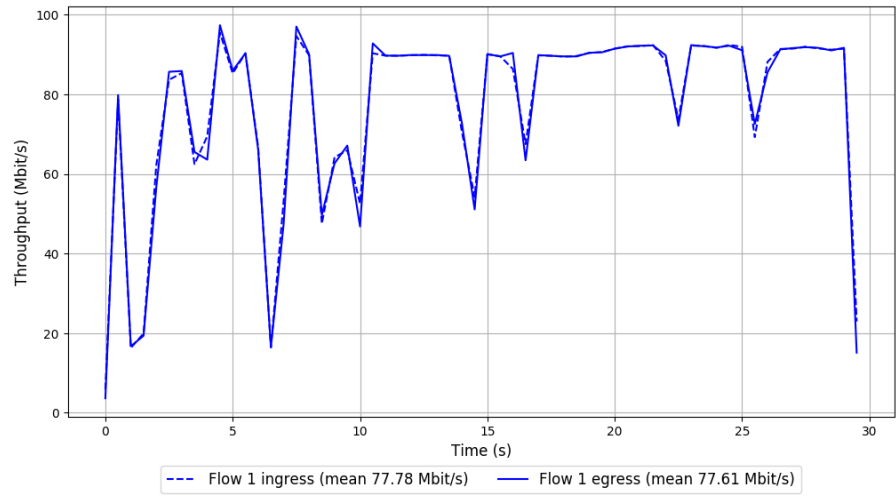
-- Flow 1:

Average throughput: 77.61 Mbit/s

95th percentile per-packet one-way delay: 34.447 ms

Loss rate: 0.40%

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



Run 8: Statistics of QUIC Cubic

Start at: 2018-01-08 21:27:04

End at: 2018-01-08 21:27:34

Local clock offset: 3.457 ms

Remote clock offset: -2.832 ms

# Below is generated by plot.py at 2018-01-09 01:54:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.85 Mbit/s

95th percentile per-packet one-way delay: 34.977 ms

Loss rate: 0.27%

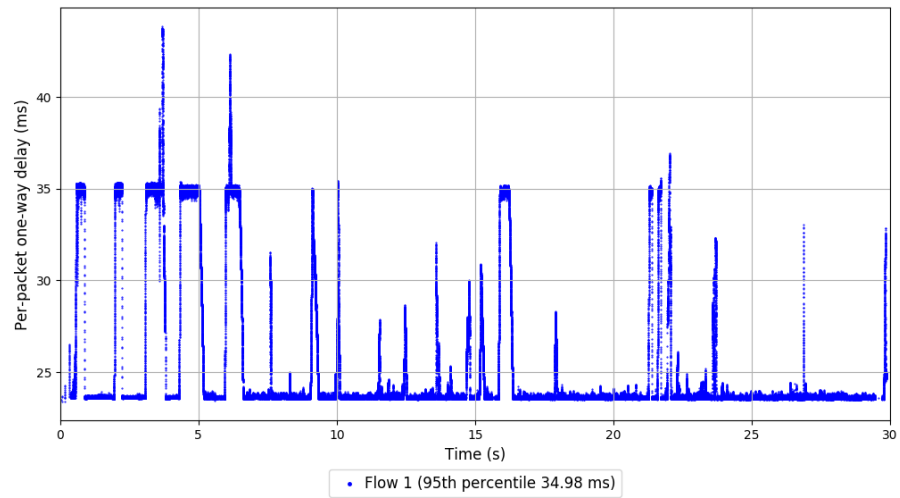
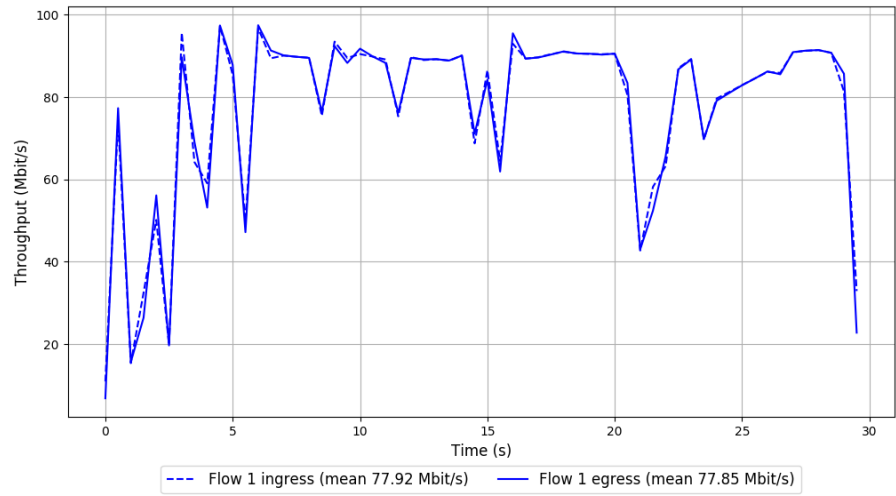
-- Flow 1:

Average throughput: 77.85 Mbit/s

95th percentile per-packet one-way delay: 34.977 ms

Loss rate: 0.27%

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



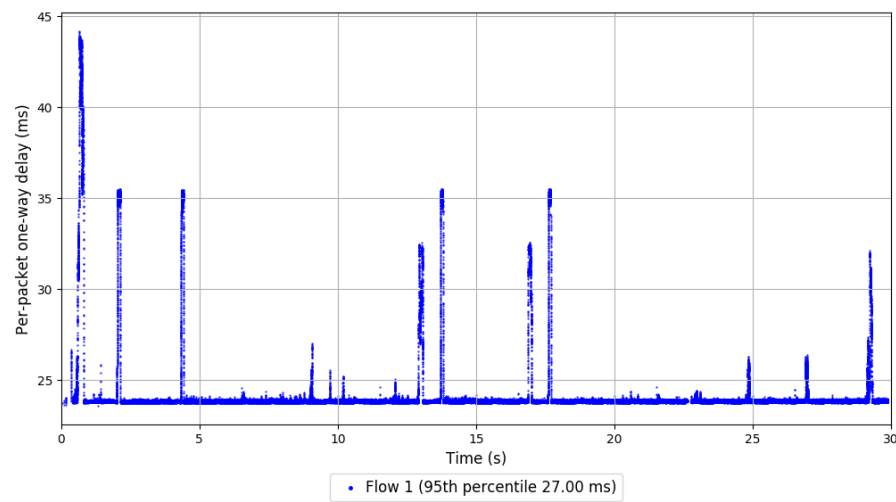
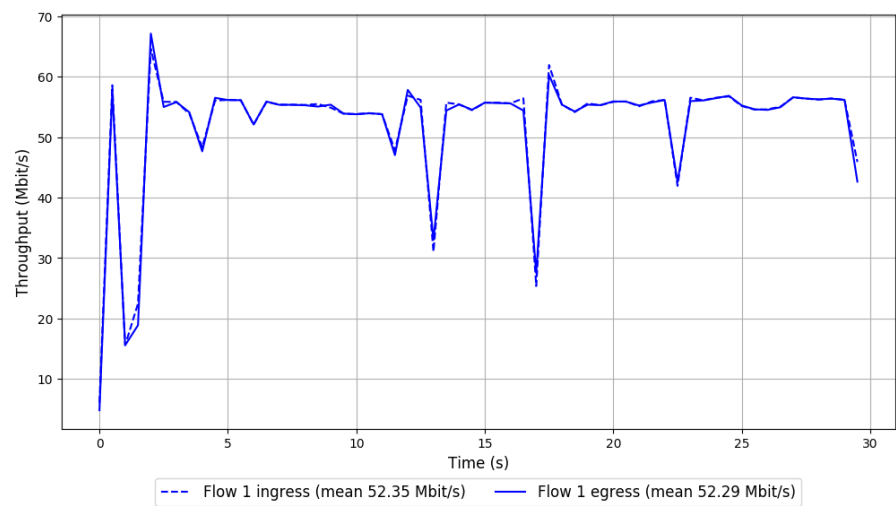
Run 9: Statistics of QUIC Cubic

Start at: 2018-01-08 21:47:00  
End at: 2018-01-08 21:47:30  
Local clock offset: 3.33 ms  
Remote clock offset: -3.045 ms

# Below is generated by plot.py at 2018-01-09 01:54:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 52.29 Mbit/s  
95th percentile per-packet one-way delay: 26.999 ms  
Loss rate: 0.30%  
-- Flow 1:  
Average throughput: 52.29 Mbit/s  
95th percentile per-packet one-way delay: 26.999 ms  
Loss rate: 0.30%



Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-01-08 22:07:01

End at: 2018-01-08 22:07:31

Local clock offset: 2.357 ms

Remote clock offset: -1.642 ms

# Below is generated by plot.py at 2018-01-09 01:54:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.03 Mbit/s

95th percentile per-packet one-way delay: 34.587 ms

Loss rate: 0.23%

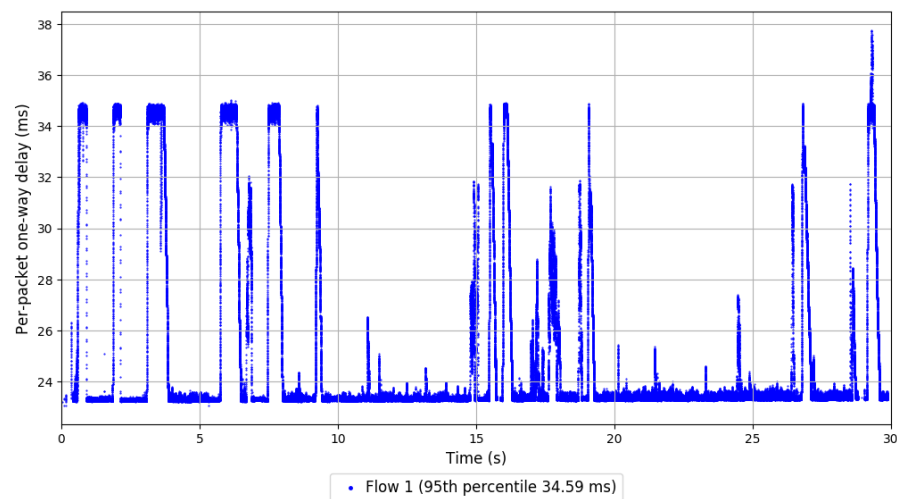
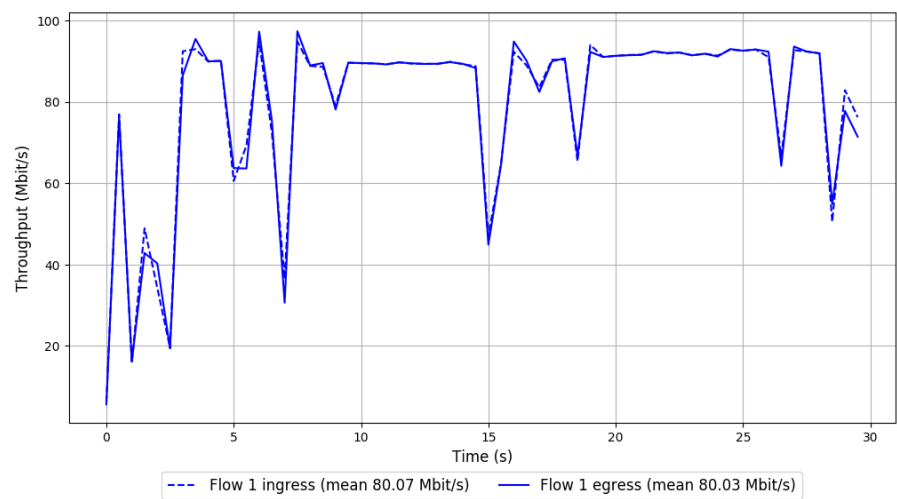
-- Flow 1:

Average throughput: 80.03 Mbit/s

95th percentile per-packet one-way delay: 34.587 ms

Loss rate: 0.23%

Run 10: Report of QUIC Cubic — Data Link

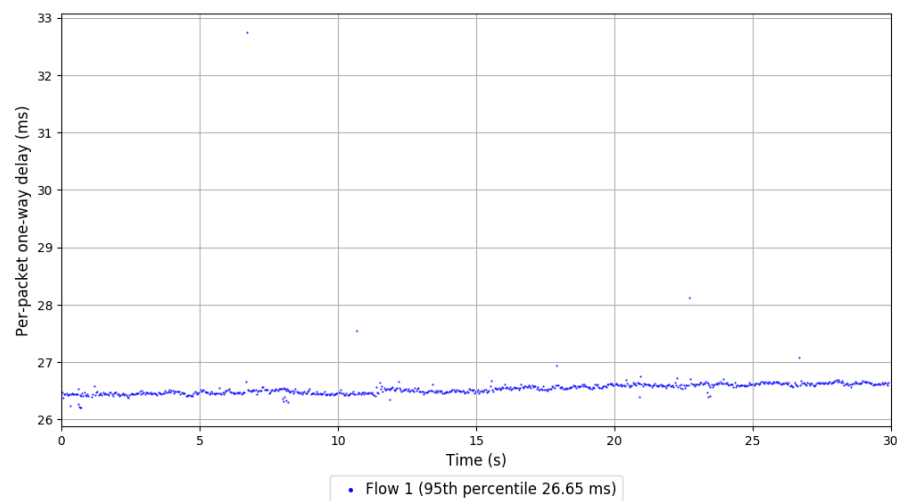
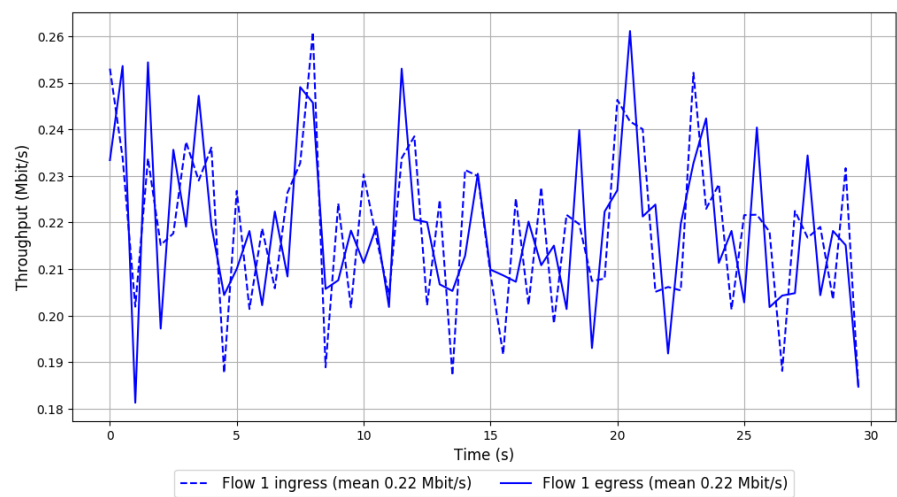


Run 1: Statistics of SCReAM

Start at: 2018-01-08 19:09:11  
End at: 2018-01-08 19:09:41  
Local clock offset: 21.451 ms  
Remote clock offset: -4.857 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 26.649 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 26.649 ms  
Loss rate: 0.13%

Run 1: Report of SReAM — Data Link

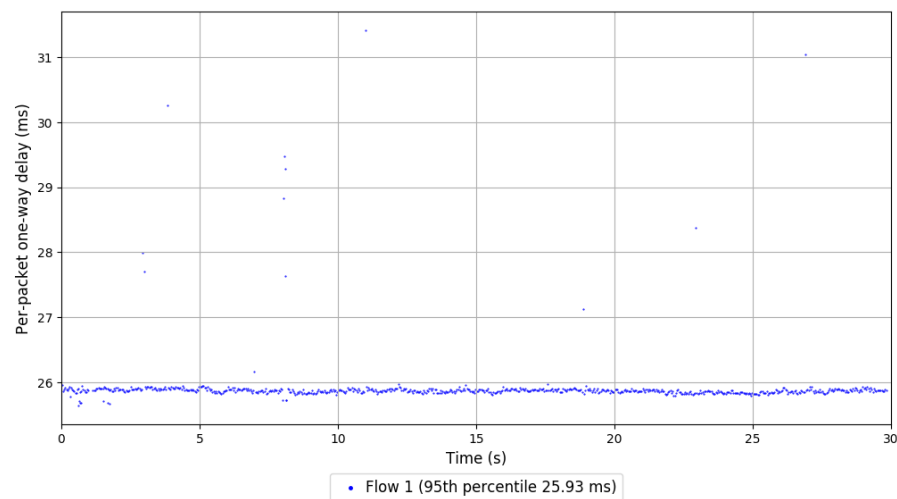
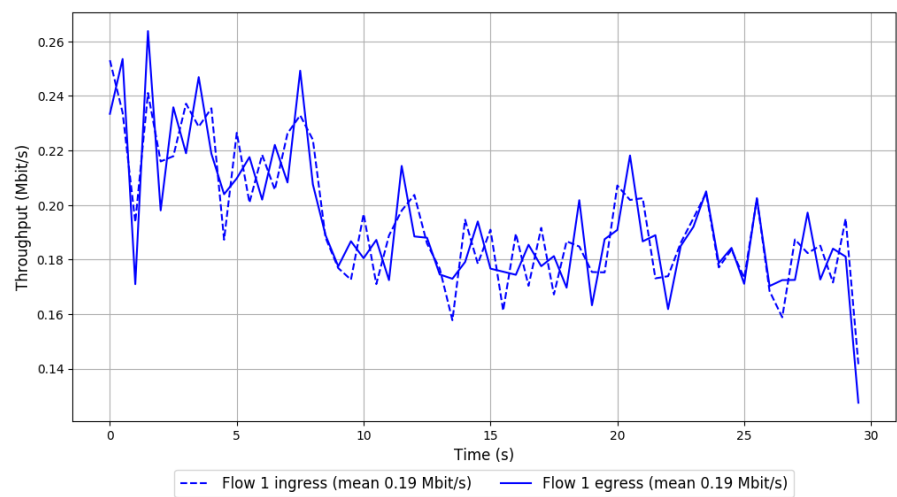


Run 2: Statistics of SCReAM

Start at: 2018-01-08 19:29:08  
End at: 2018-01-08 19:29:38  
Local clock offset: 8.977 ms  
Remote clock offset: -5.121 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.19 Mbit/s  
95th percentile per-packet one-way delay: 25.928 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 0.19 Mbit/s  
95th percentile per-packet one-way delay: 25.928 ms  
Loss rate: 0.26%

Run 2: Report of SReAM — Data Link



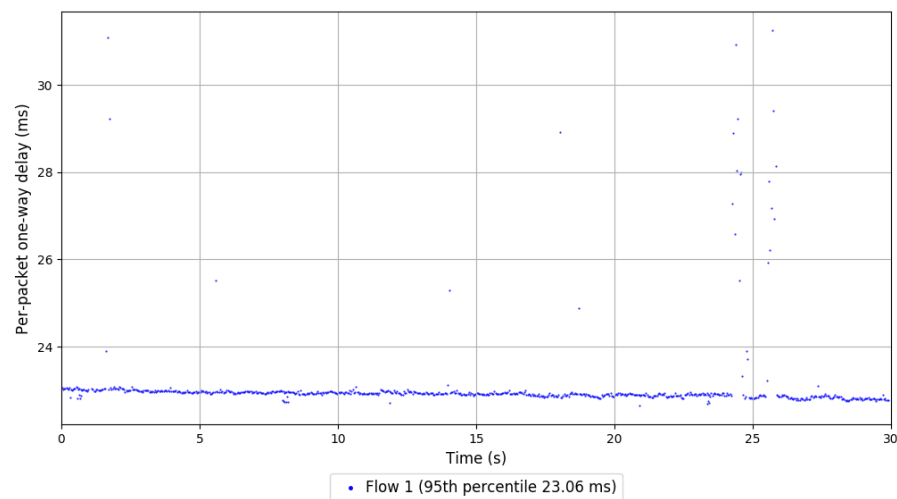
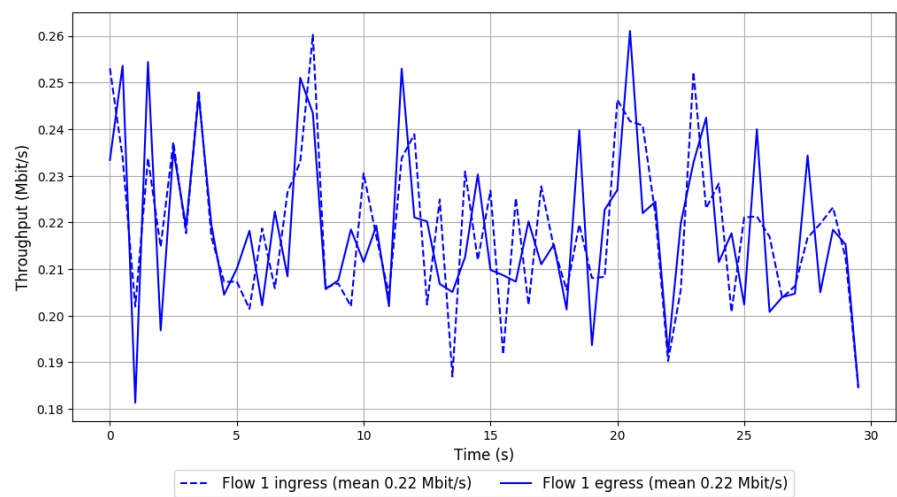
Run 3: Statistics of SCReAM

Start at: 2018-01-08 19:49:25  
End at: 2018-01-08 19:49:55  
Local clock offset: 5.976 ms  
Remote clock offset: -3.007 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.056 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.056 ms  
Loss rate: 0.13%



Run 3: Report of SReAM — Data Link

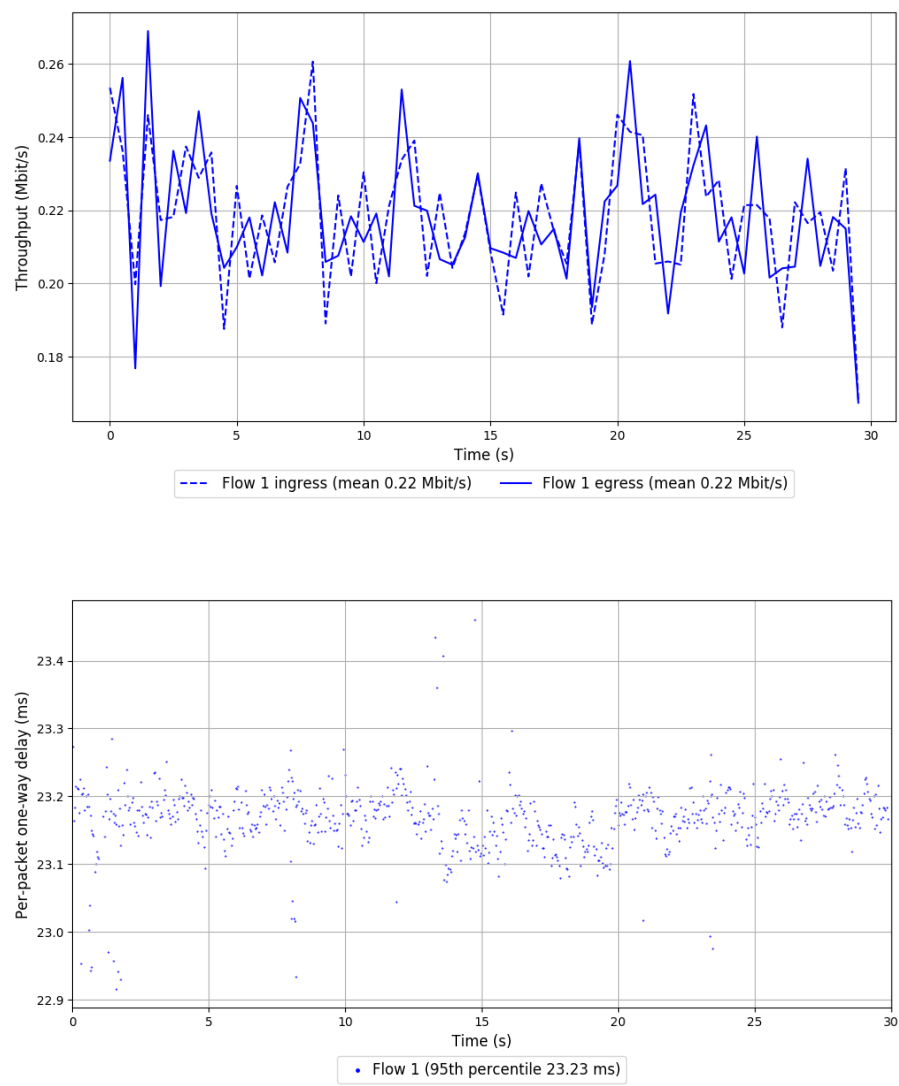


Run 4: Statistics of SCReAM

Start at: 2018-01-08 20:09:35  
End at: 2018-01-08 20:10:05  
Local clock offset: 1.965 ms  
Remote clock offset: -2.436 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.225 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.225 ms  
Loss rate: 0.13%

Run 4: Report of SReAM — Data Link

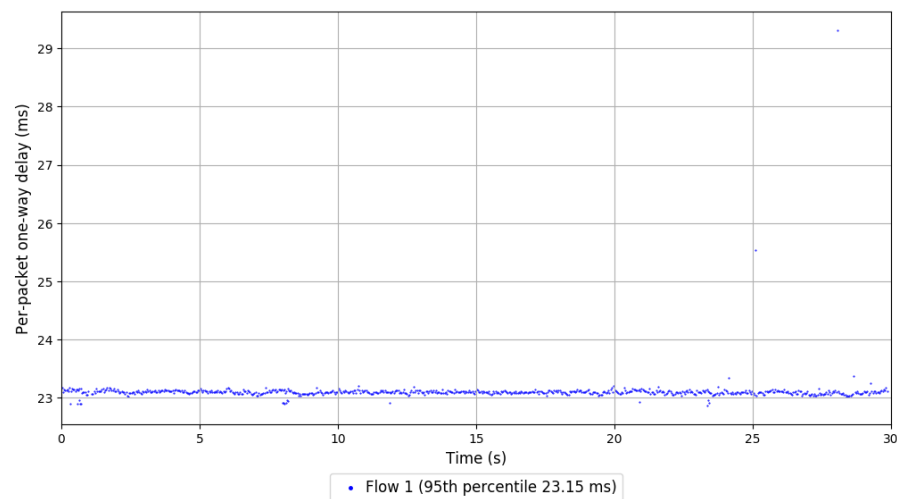
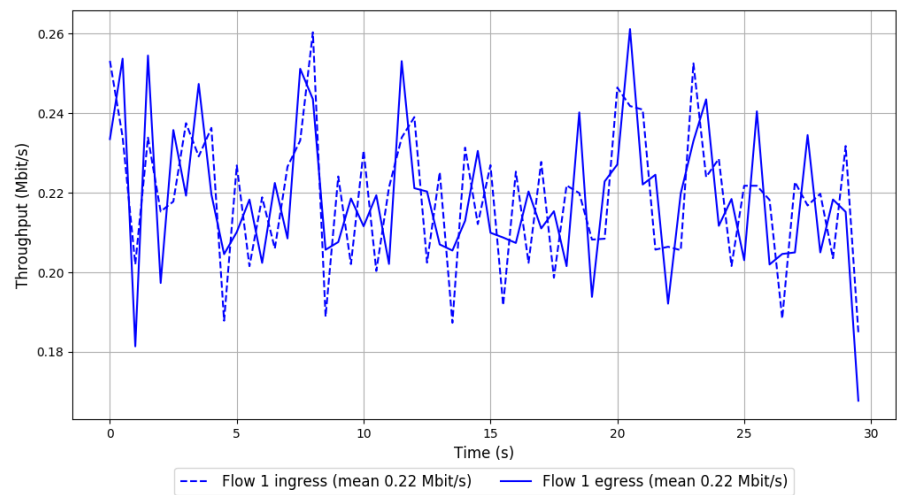


Run 5: Statistics of SCReAM

Start at: 2018-01-08 20:29:33  
End at: 2018-01-08 20:30:03  
Local clock offset: 2.018 ms  
Remote clock offset: -1.501 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.151 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.151 ms  
Loss rate: 0.26%

Run 5: Report of SReAM — Data Link

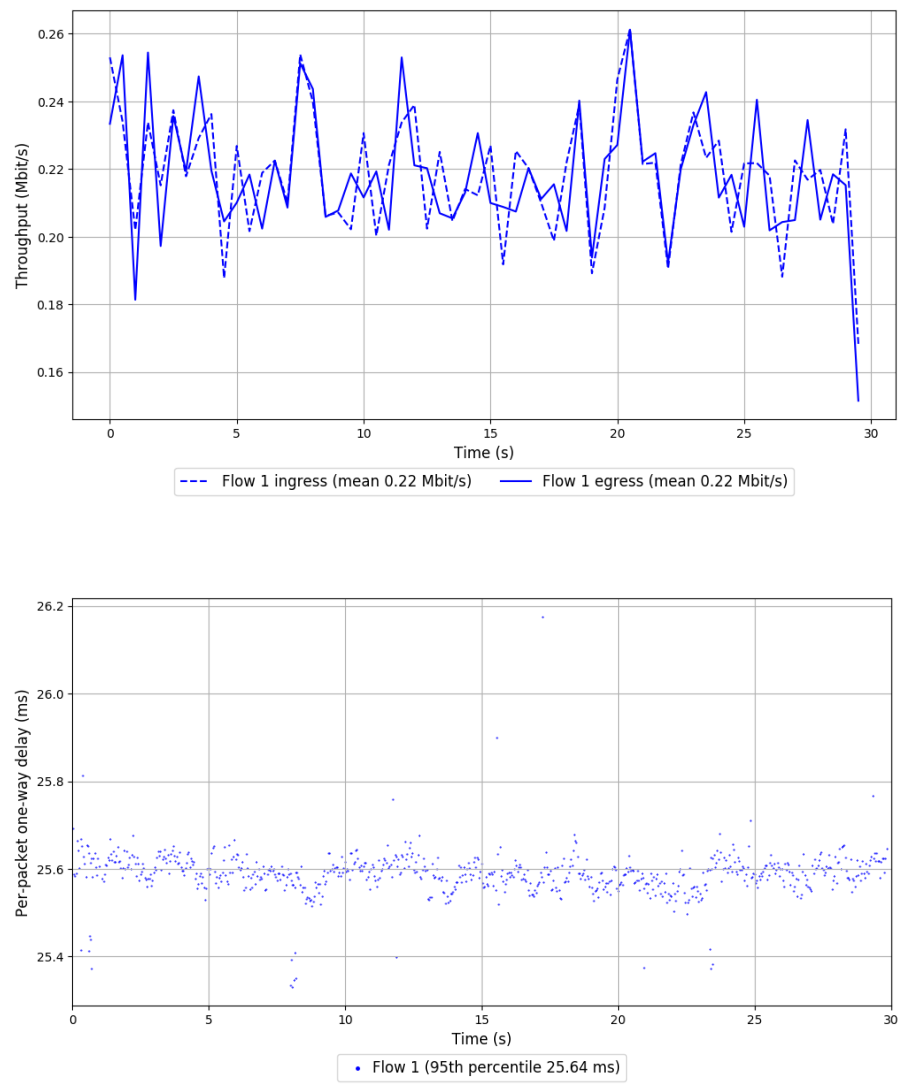


Run 6: Statistics of SCReAM

Start at: 2018-01-08 20:49:33  
End at: 2018-01-08 20:50:03  
Local clock offset: 2.794 ms  
Remote clock offset: -3.644 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 25.645 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 25.645 ms  
Loss rate: 0.25%

Run 6: Report of SReAM — Data Link



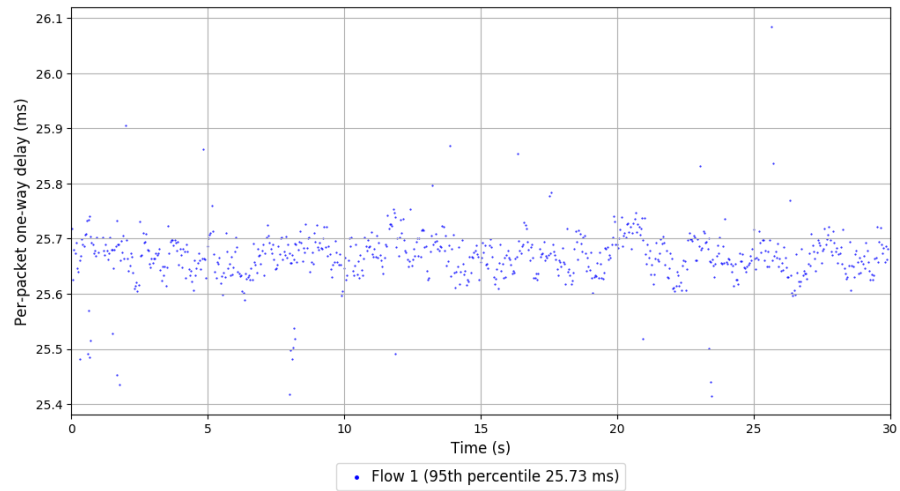
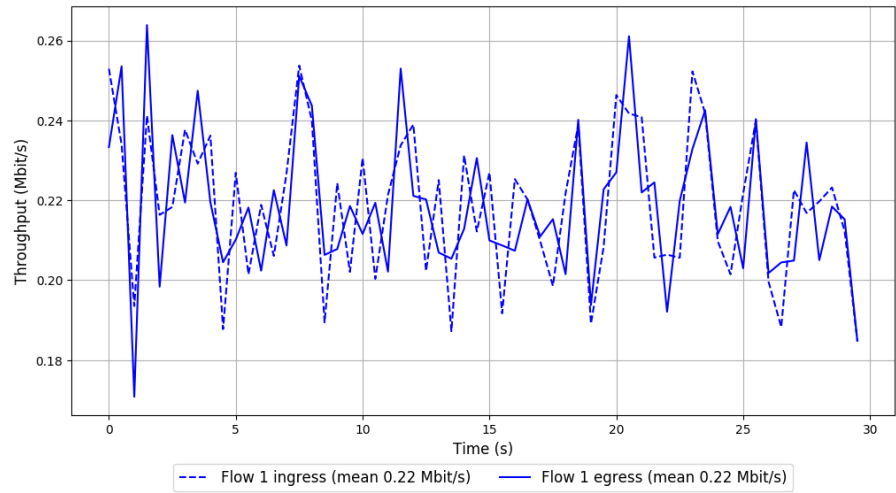
Run 7: Statistics of SCReAM

Start at: 2018-01-08 21:09:38  
End at: 2018-01-08 21:10:08  
Local clock offset: 2.579 ms  
Remote clock offset: -3.992 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 25.726 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 25.726 ms  
Loss rate: 0.13%



## Run 7: Report of SReAM — Data Link

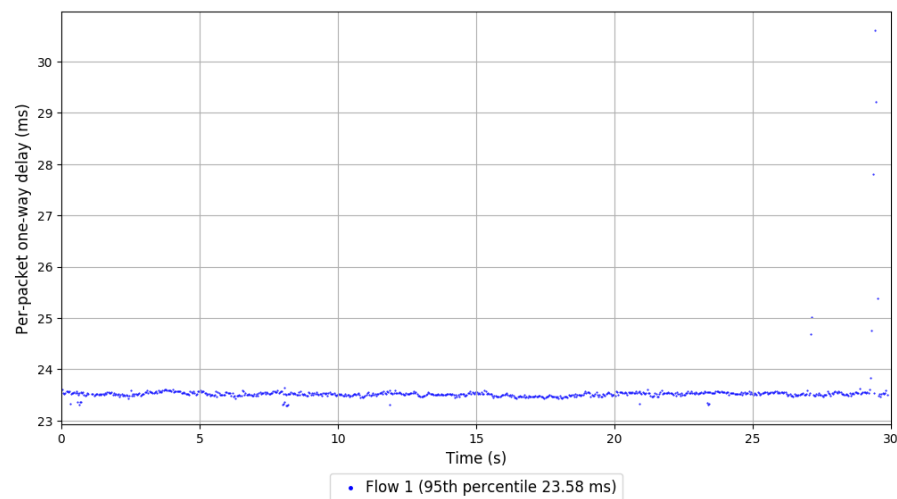
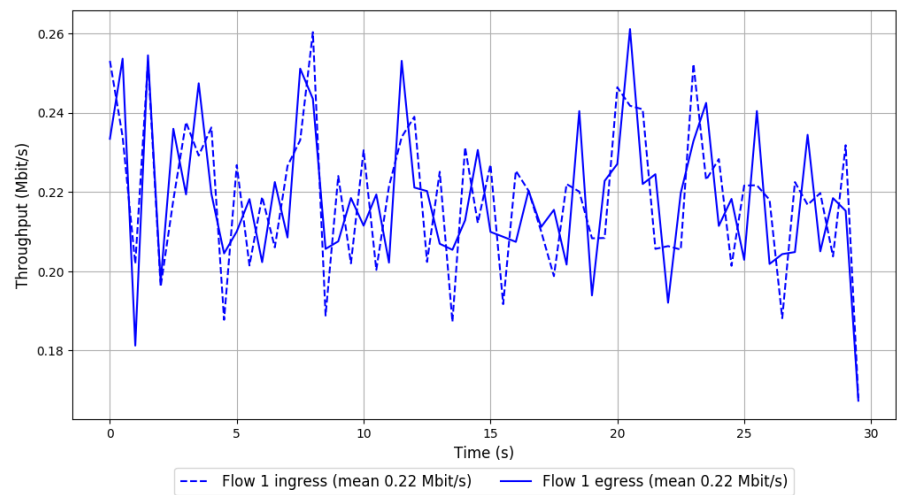


Run 8: Statistics of SCReAM

Start at: 2018-01-08 21:29:40  
End at: 2018-01-08 21:30:10  
Local clock offset: 3.631 ms  
Remote clock offset: -2.799 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.577 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.577 ms  
Loss rate: 0.13%

Run 8: Report of SReAM — Data Link

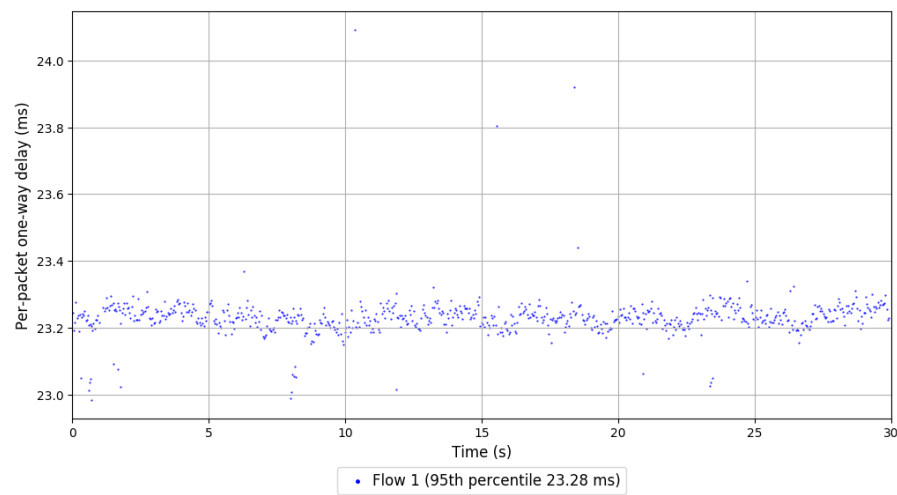
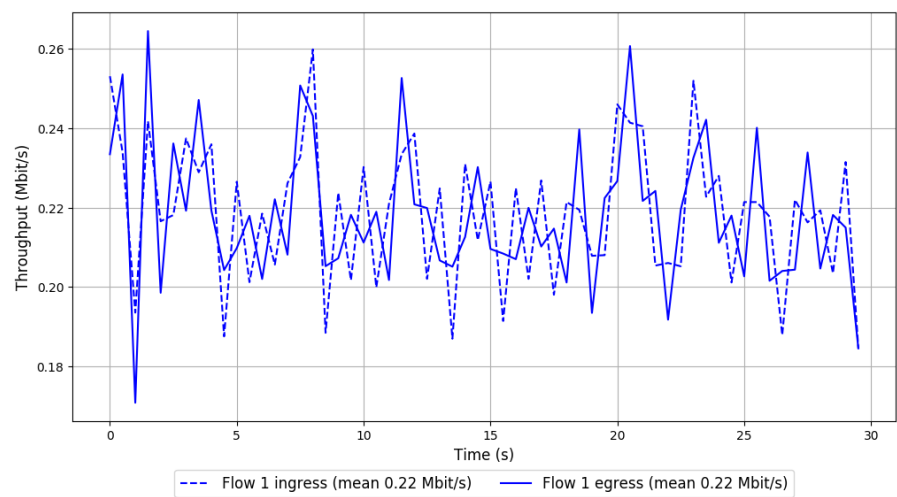


Run 9: Statistics of SCReAM

Start at: 2018-01-08 21:49:34  
End at: 2018-01-08 21:50:04  
Local clock offset: 3.278 ms  
Remote clock offset: -2.395 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.281 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.281 ms  
Loss rate: 0.13%

Run 9: Report of SReAM — Data Link

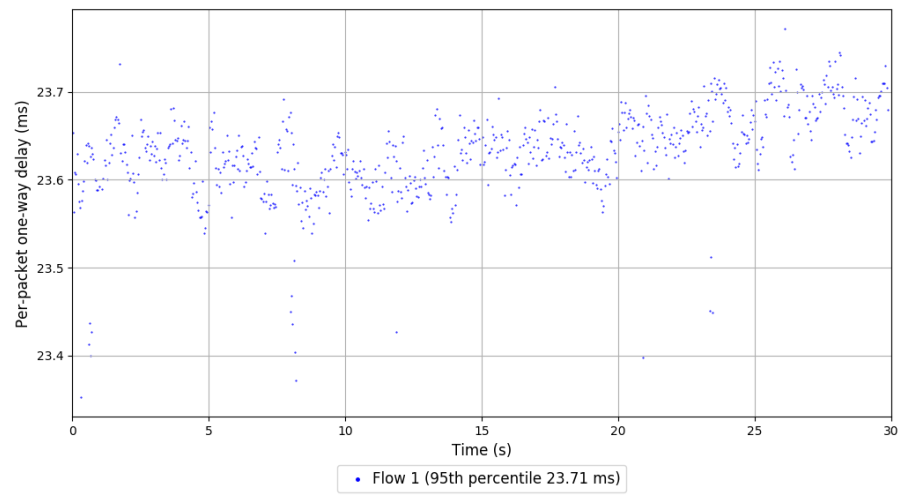
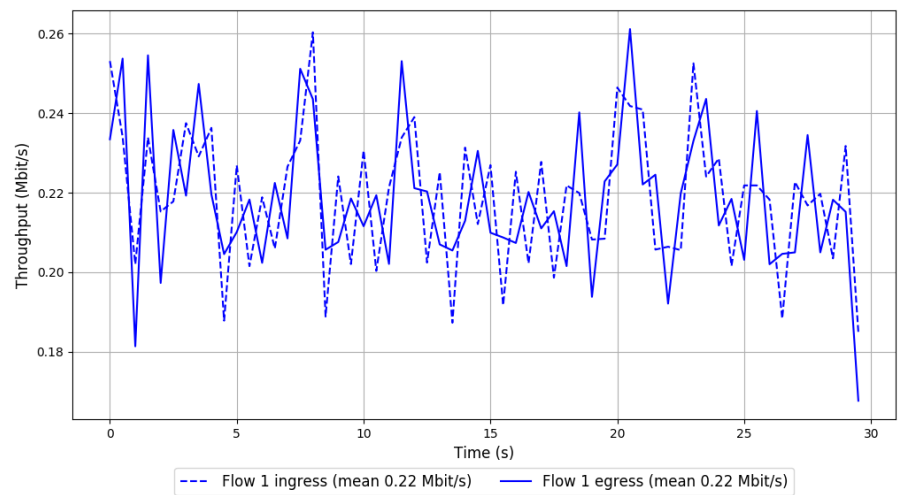


Run 10: Statistics of SReAM

Start at: 2018-01-08 22:09:37  
End at: 2018-01-08 22:10:07  
Local clock offset: 2.052 ms  
Remote clock offset: -1.916 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.706 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 23.706 ms  
Loss rate: 0.26%

Run 10: Report of SCReAM — Data Link



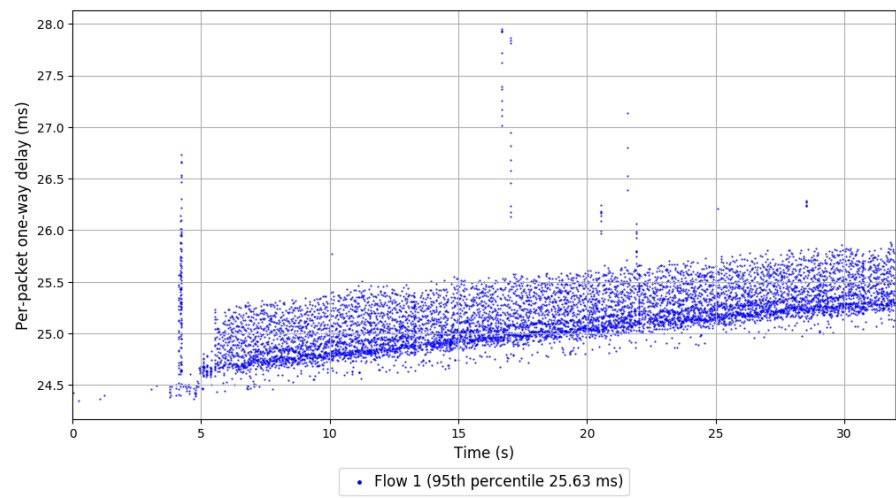
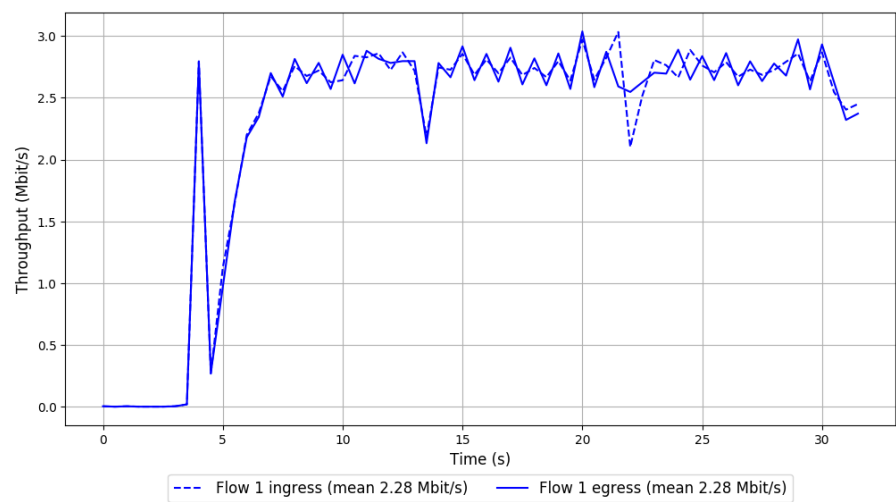
```
Run 1: Statistics of WebRTC media

Start at: 2018-01-08 19:07:55
End at: 2018-01-08 19:08:25
Local clock offset: 23.225 ms
Remote clock offset: -2.769 ms

# Below is generated by plot.py at 2018-01-09 01:54:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 25.626 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 25.626 ms
Loss rate: 0.16%
```



Run 1: Report of WebRTC media — Data Link

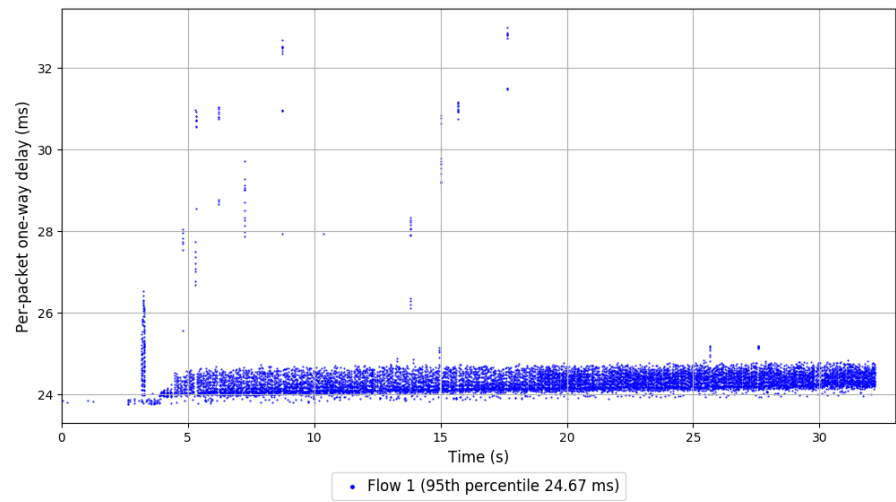
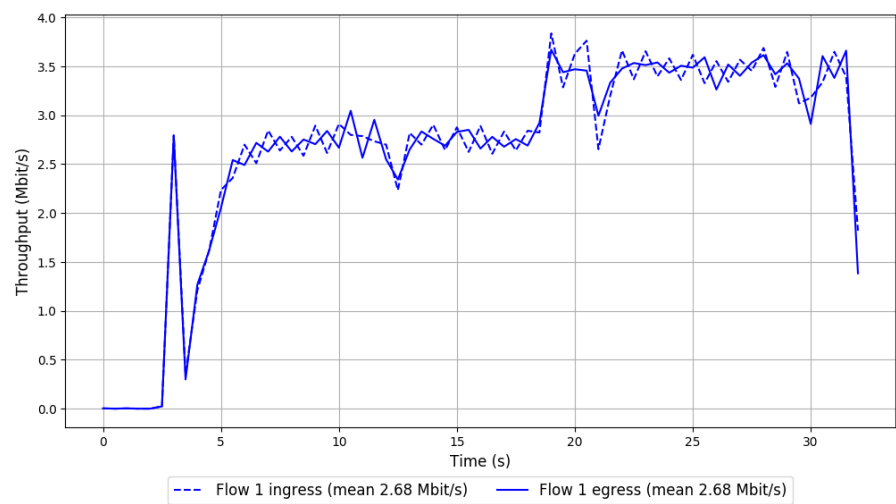


Run 2: Statistics of WebRTC media

Start at: 2018-01-08 19:27:52  
End at: 2018-01-08 19:28:22  
Local clock offset: 9.619 ms  
Remote clock offset: -2.988 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.68 Mbit/s  
95th percentile per-packet one-way delay: 24.667 ms  
Loss rate: 0.29%  
-- Flow 1:  
Average throughput: 2.68 Mbit/s  
95th percentile per-packet one-way delay: 24.667 ms  
Loss rate: 0.29%

Run 2: Report of WebRTC media — Data Link

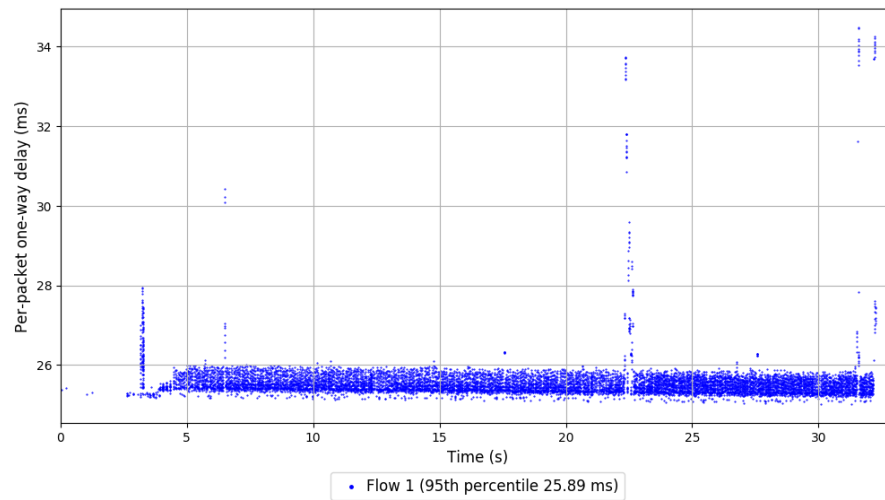
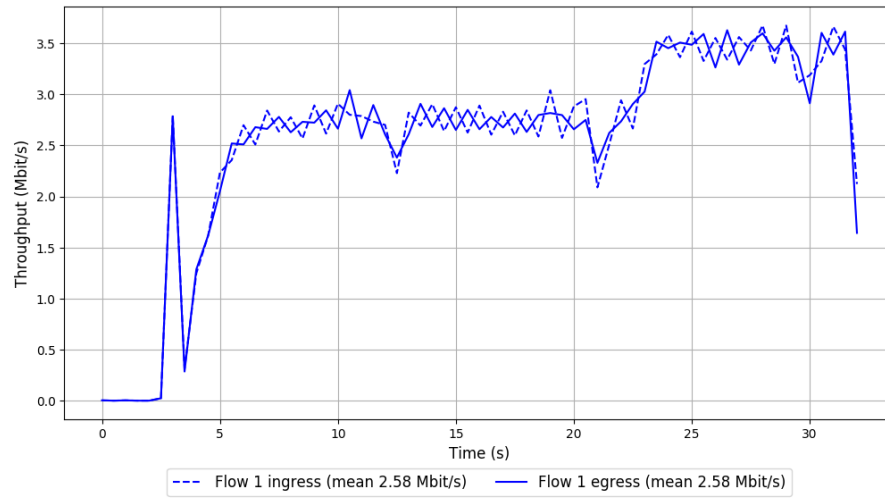


Run 3: Statistics of WebRTC media

Start at: 2018-01-08 19:48:09  
End at: 2018-01-08 19:48:39  
Local clock offset: 5.438 ms  
Remote clock offset: -5.495 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.58 Mbit/s  
95th percentile per-packet one-way delay: 25.887 ms  
Loss rate: 0.37%  
-- Flow 1:  
Average throughput: 2.58 Mbit/s  
95th percentile per-packet one-way delay: 25.887 ms  
Loss rate: 0.37%

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

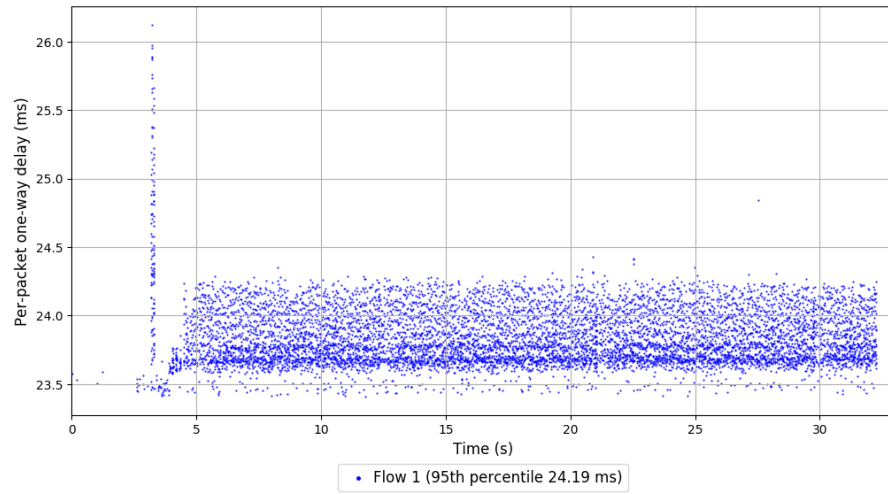
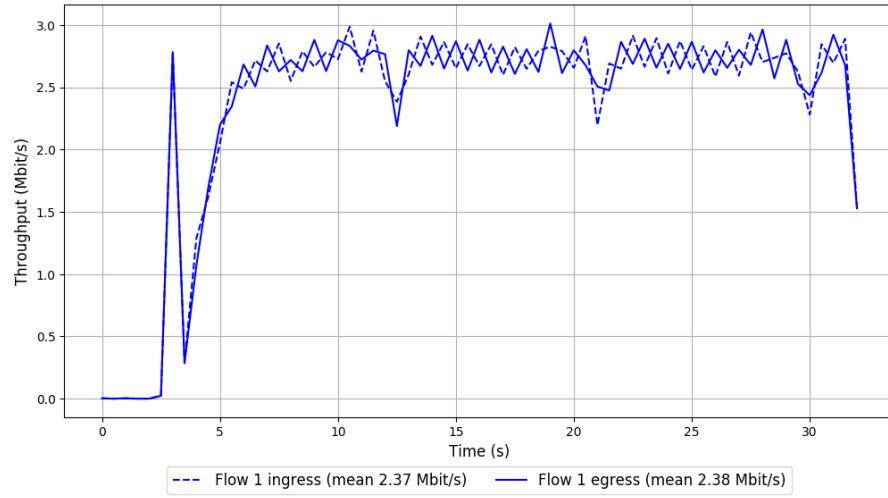


Run 4: Statistics of WebRTC media

Start at: 2018-01-08 20:08:19  
End at: 2018-01-08 20:08:49  
Local clock offset: 2.068 ms  
Remote clock offset: -2.872 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 24.189 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 24.189 ms  
Loss rate: 0.14%

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



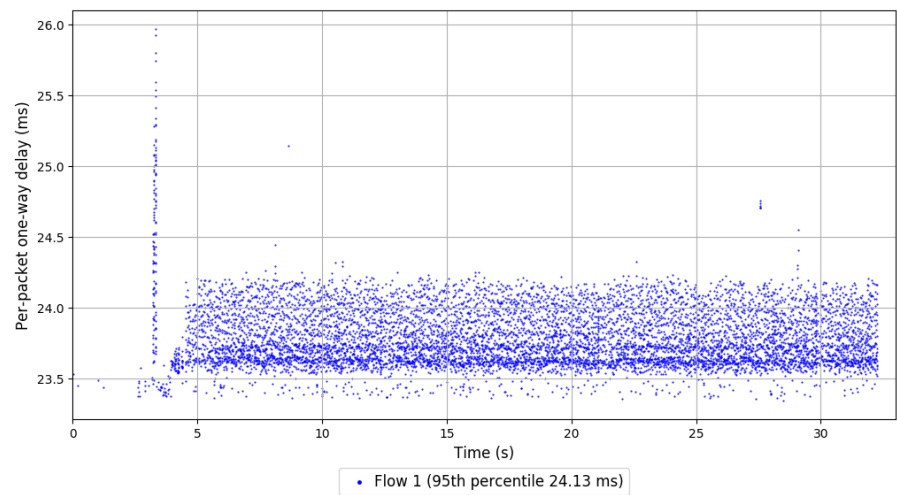
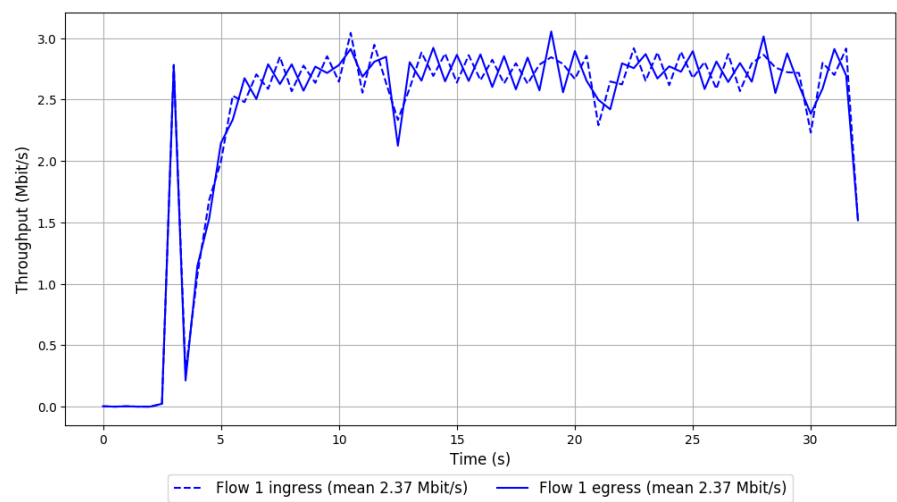
Run 5: Statistics of WebRTC media

Start at: 2018-01-08 20:28:17  
End at: 2018-01-08 20:28:47  
Local clock offset: 2.034 ms  
Remote clock offset: -2.001 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 24.134 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 24.134 ms  
Loss rate: 0.14%



Run 5: Report of WebRTC media — Data Link

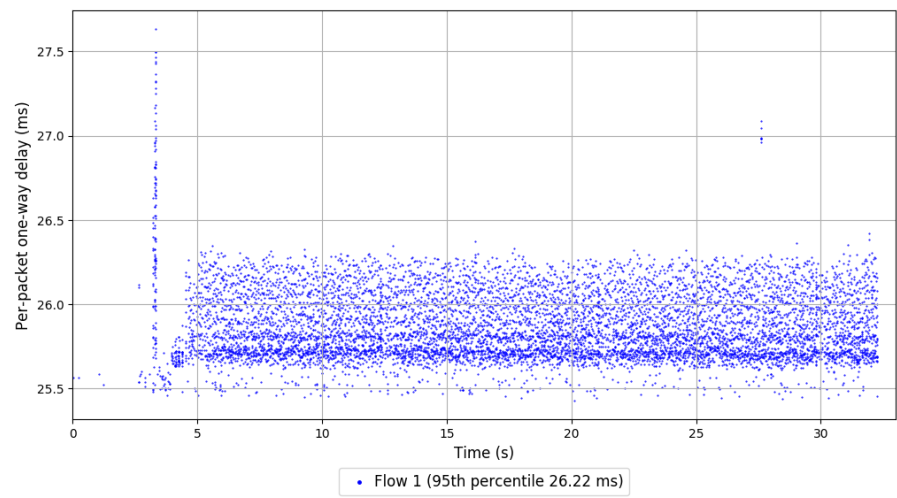
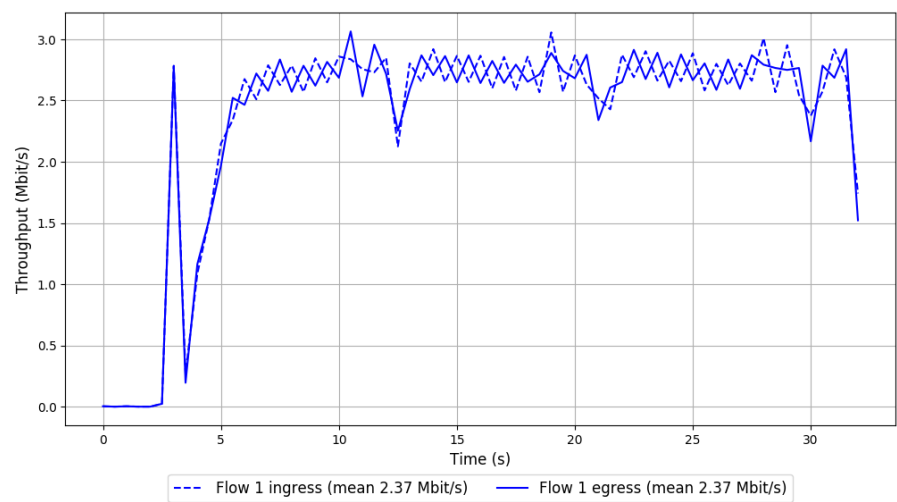


Run 6: Statistics of WebRTC media

Start at: 2018-01-08 20:48:17  
End at: 2018-01-08 20:48:47  
Local clock offset: 2.669 ms  
Remote clock offset: -3.802 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 26.217 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 26.217 ms  
Loss rate: 0.14%

Run 6: Report of WebRTC media — Data Link

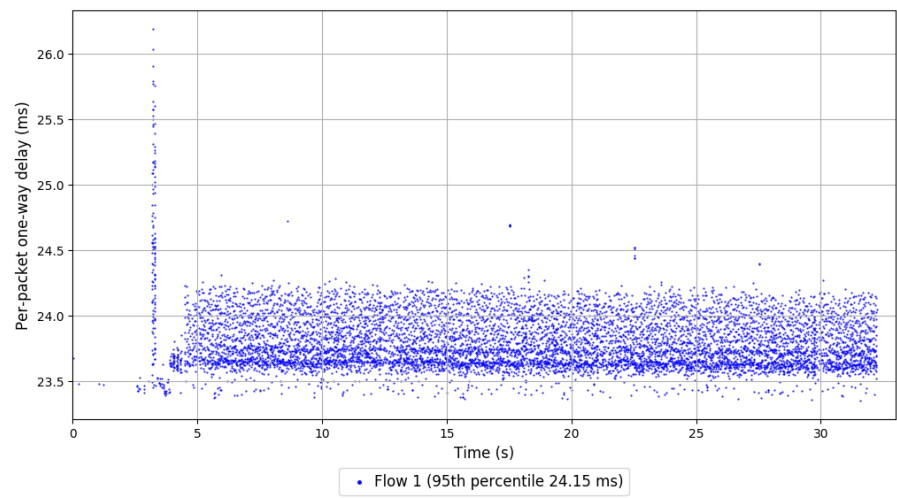
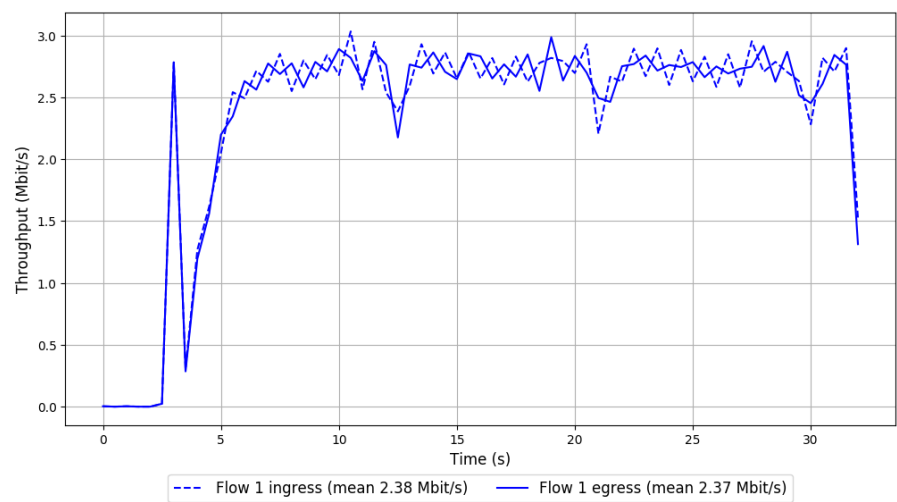


Run 7: Statistics of WebRTC media

Start at: 2018-01-08 21:08:22  
End at: 2018-01-08 21:08:52  
Local clock offset: 2.53 ms  
Remote clock offset: -1.892 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 24.152 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 24.152 ms  
Loss rate: 0.27%

Run 7: Report of WebRTC media — Data Link

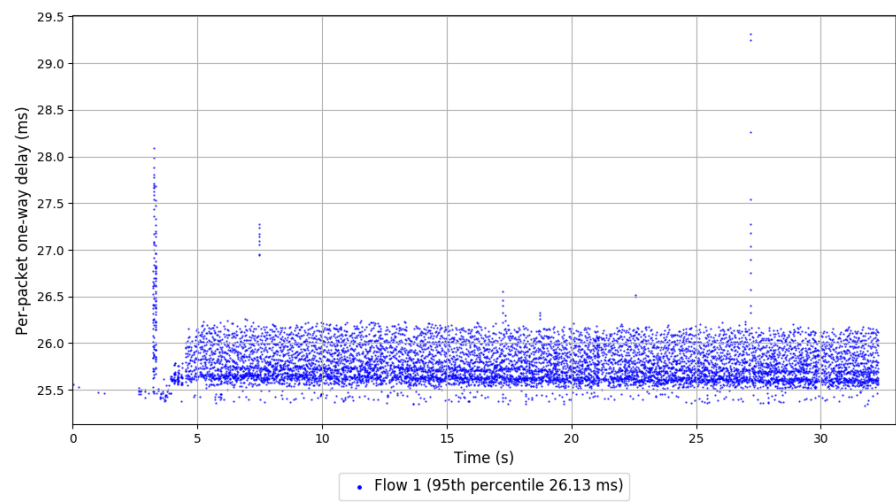
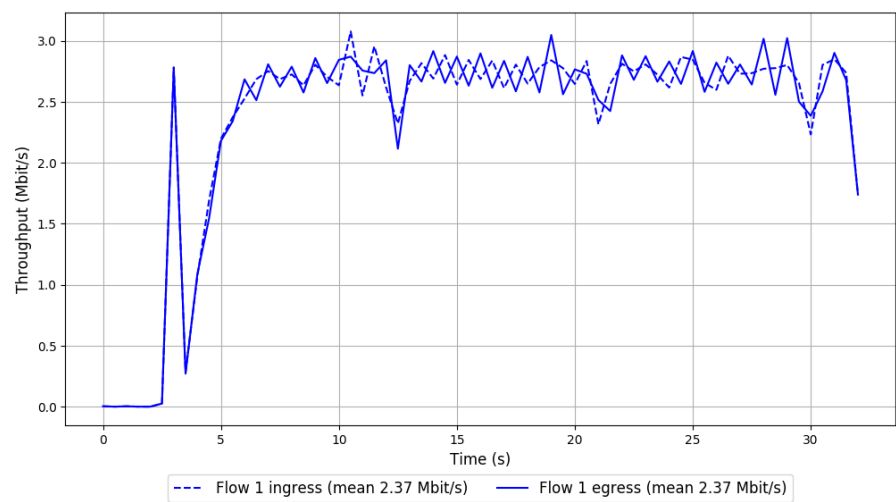


Run 8: Statistics of WebRTC media

Start at: 2018-01-08 21:28:24  
End at: 2018-01-08 21:28:54  
Local clock offset: 3.465 ms  
Remote clock offset: -4.957 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 26.133 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 26.133 ms  
Loss rate: 0.14%

Run 8: Report of WebRTC media — Data Link



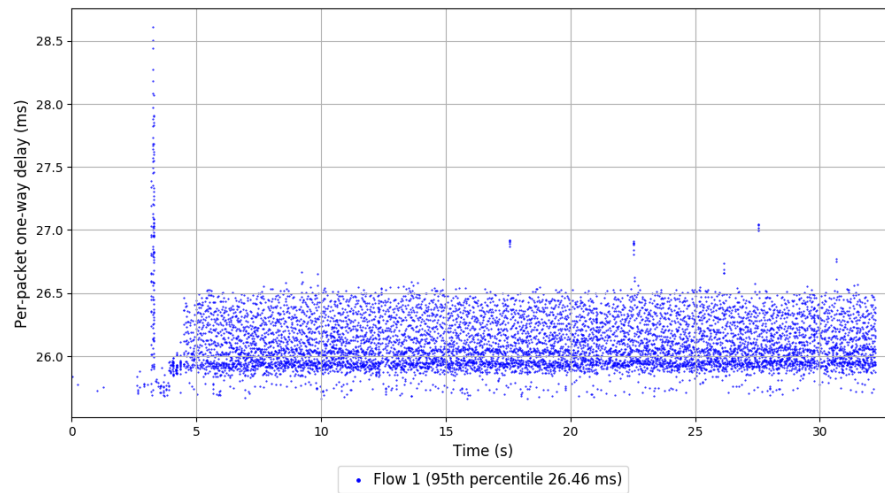
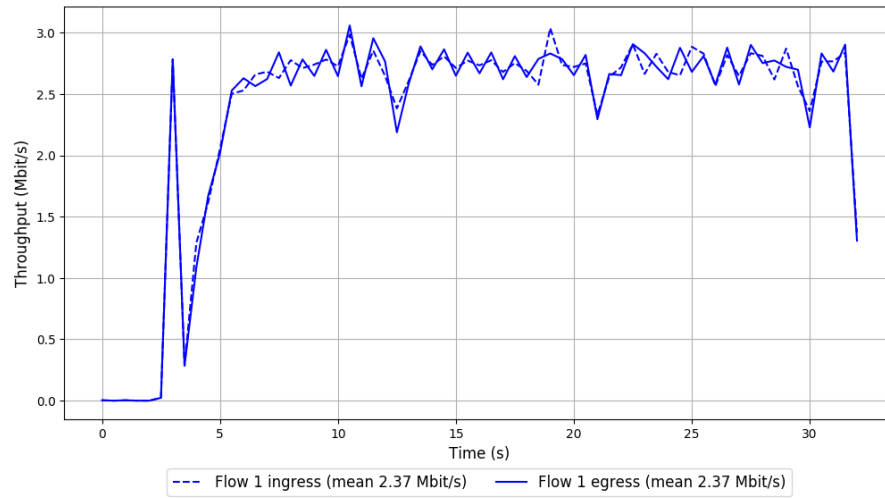
Run 9: Statistics of WebRTC media

Start at: 2018-01-08 21:48:18  
End at: 2018-01-08 21:48:48  
Local clock offset: 3.275 ms  
Remote clock offset: -5.151 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 26.461 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 26.461 ms  
Loss rate: 0.14%



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



Run 10: Statistics of WebRTC media

Start at: 2018-01-08 22:08:21

End at: 2018-01-08 22:08:51

Local clock offset: 2.231 ms

Remote clock offset: -4.07 ms

# Below is generated by plot.py at 2018-01-09 01:54:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 26.333 ms

Loss rate: 0.14%

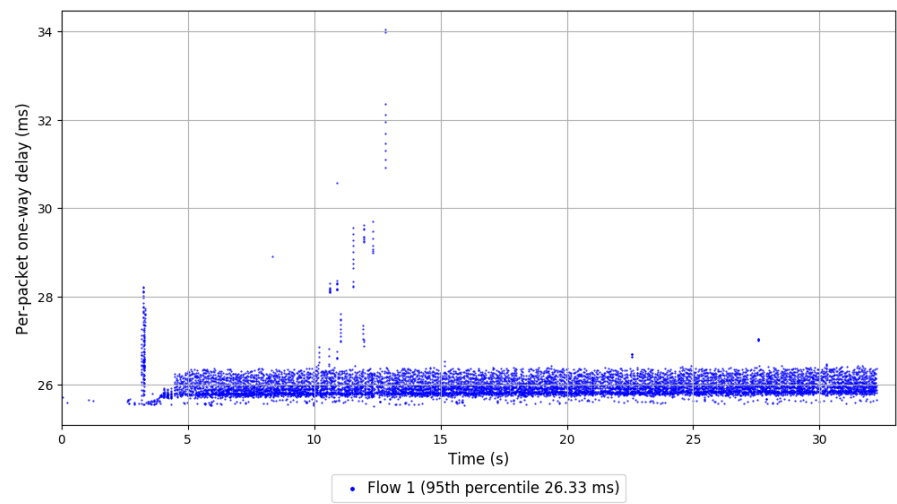
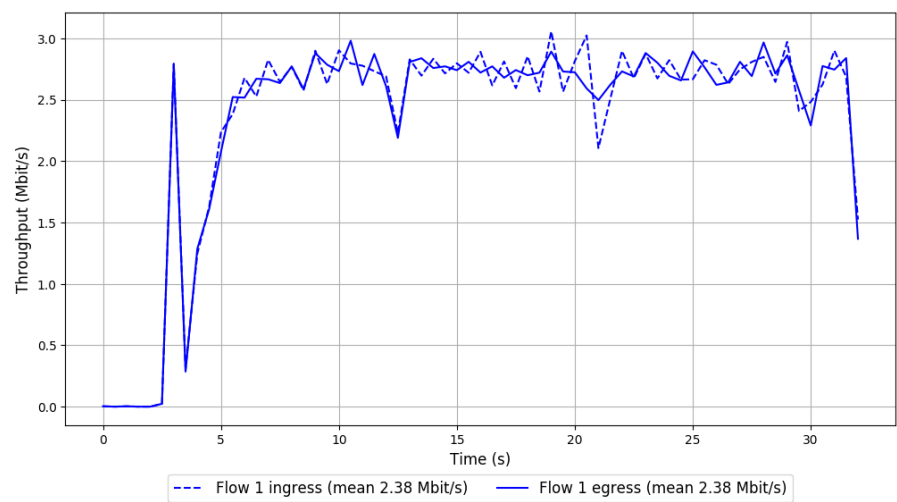
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 26.333 ms

Loss rate: 0.14%

Run 10: Report of WebRTC media — Data Link

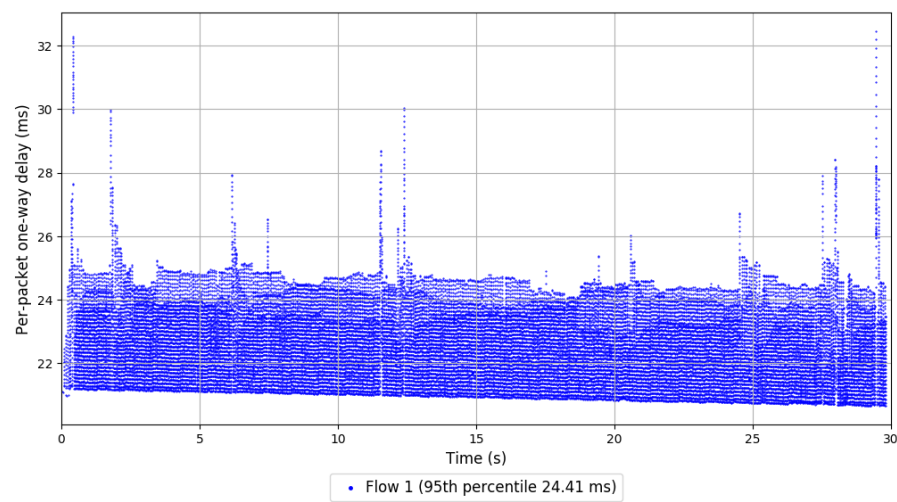
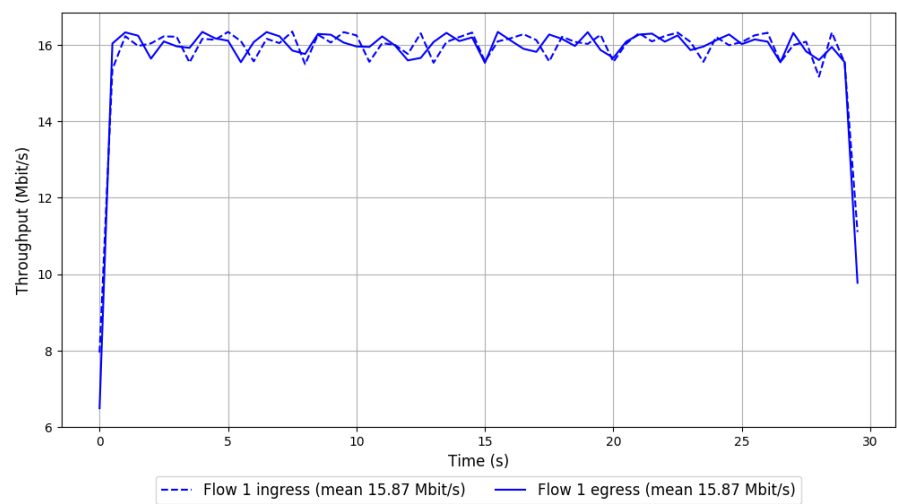


Run 1: Statistics of Sprout

Start at: 2018-01-08 18:54:35  
End at: 2018-01-08 18:55:05  
Local clock offset: 28.226 ms  
Remote clock offset: -2.404 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.87 Mbit/s  
95th percentile per-packet one-way delay: 24.407 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 15.87 Mbit/s  
95th percentile per-packet one-way delay: 24.407 ms  
Loss rate: 0.21%

Run 1: Report of Sprout — Data Link

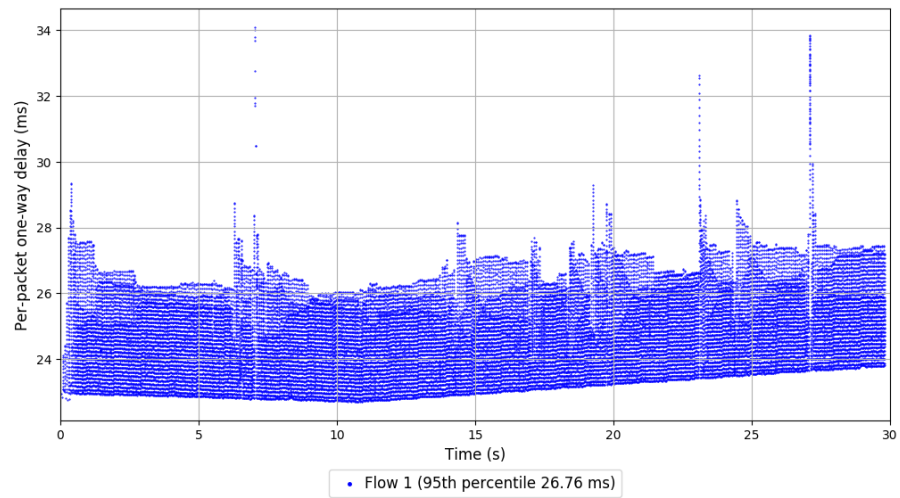
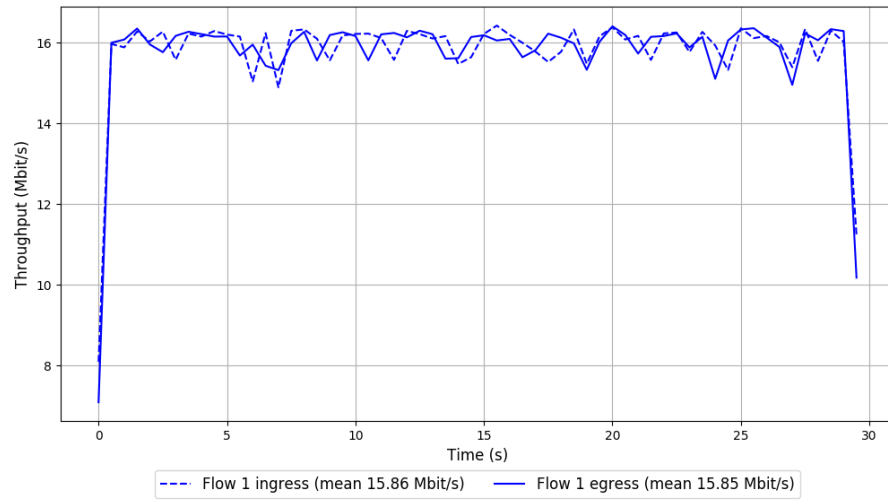


Run 2: Statistics of Sprout

Start at: 2018-01-08 19:14:29  
End at: 2018-01-08 19:14:59  
Local clock offset: 23.359 ms  
Remote clock offset: -2.776 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.85 Mbit/s  
95th percentile per-packet one-way delay: 26.759 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 15.85 Mbit/s  
95th percentile per-packet one-way delay: 26.759 ms  
Loss rate: 0.19%

## Run 2: Report of Sprout — Data Link



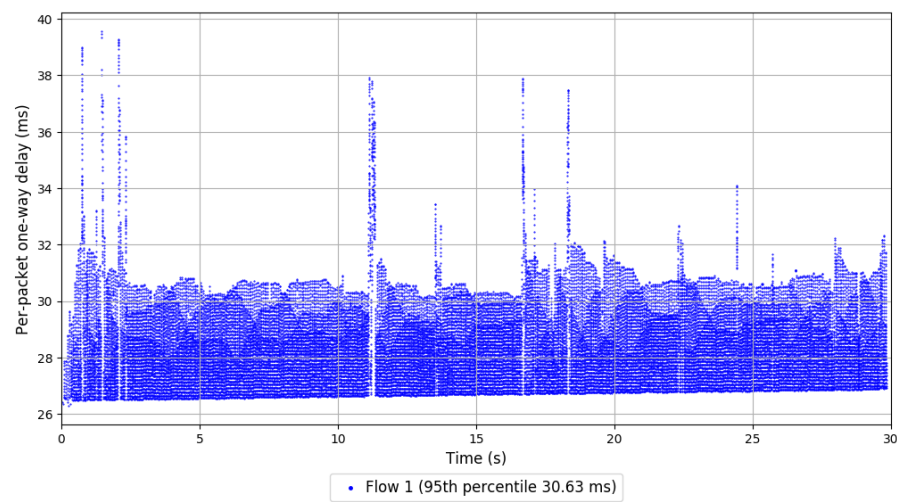
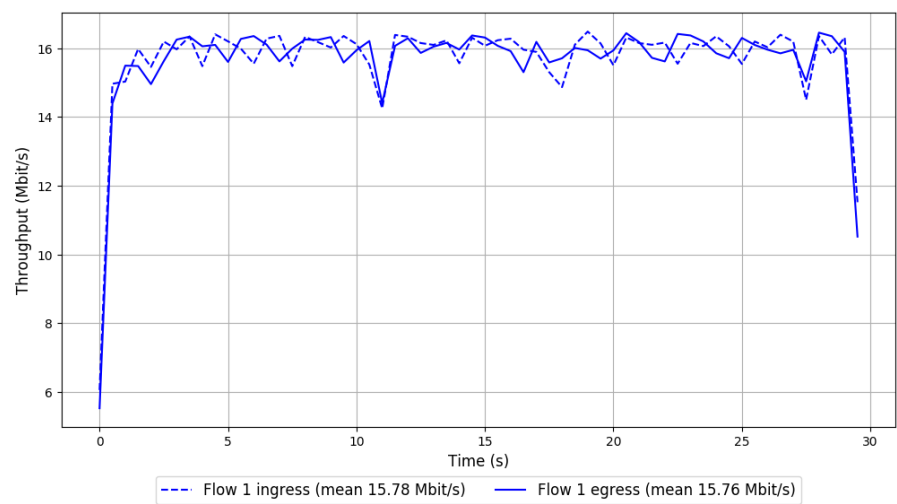
Run 3: Statistics of Sprout

Start at: 2018-01-08 19:34:31  
End at: 2018-01-08 19:35:01  
Local clock offset: 10.108 ms  
Remote clock offset: -5.282 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.76 Mbit/s  
95th percentile per-packet one-way delay: 30.629 ms  
Loss rate: 0.29%  
-- Flow 1:  
Average throughput: 15.76 Mbit/s  
95th percentile per-packet one-way delay: 30.629 ms  
Loss rate: 0.29%



Run 3: Report of Sprout — Data Link

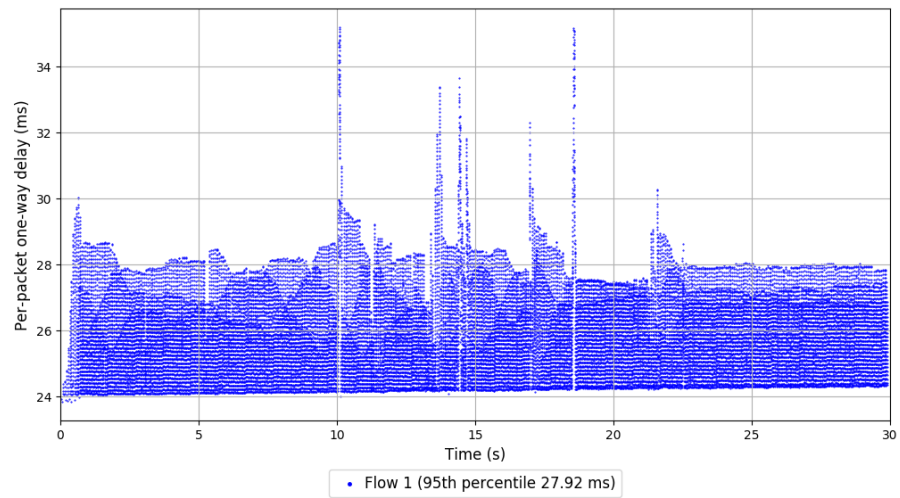
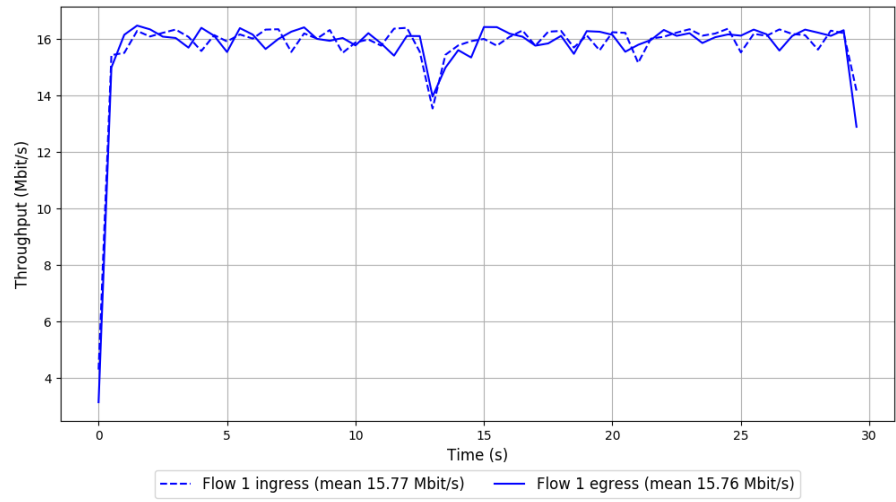


Run 4: Statistics of Sprout

Start at: 2018-01-08 19:54:49  
End at: 2018-01-08 19:55:19  
Local clock offset: 4.412 ms  
Remote clock offset: -3.425 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.76 Mbit/s  
95th percentile per-packet one-way delay: 27.916 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 15.76 Mbit/s  
95th percentile per-packet one-way delay: 27.916 ms  
Loss rate: 0.23%

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

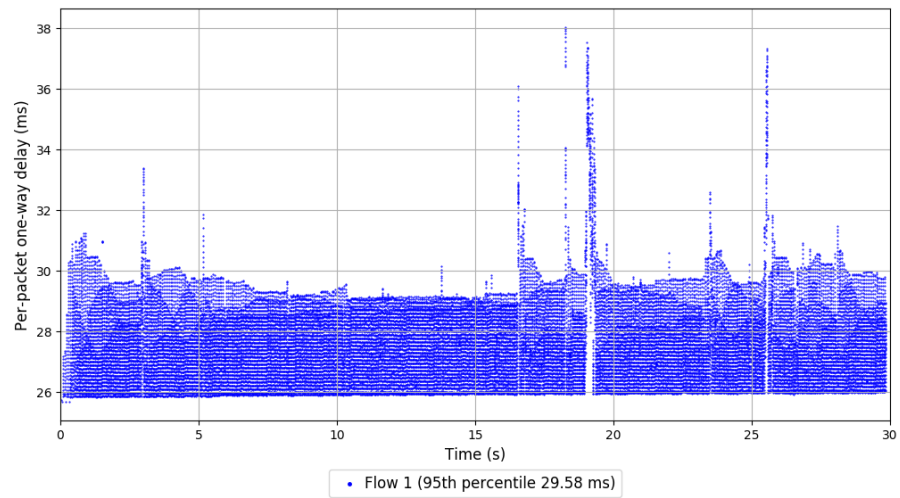
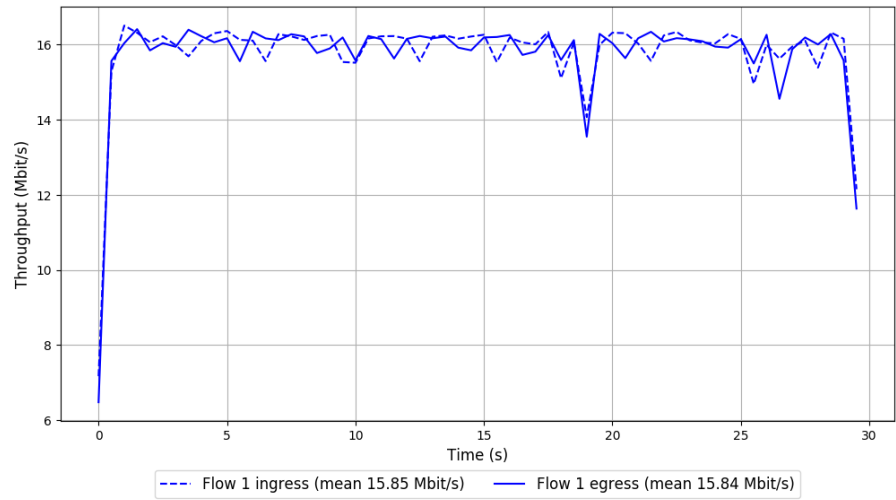


Run 5: Statistics of Sprout

Start at: 2018-01-08 20:14:55  
End at: 2018-01-08 20:15:25  
Local clock offset: 2.643 ms  
Remote clock offset: -4.658 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.84 Mbit/s  
95th percentile per-packet one-way delay: 29.582 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 15.84 Mbit/s  
95th percentile per-packet one-way delay: 29.582 ms  
Loss rate: 0.26%

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

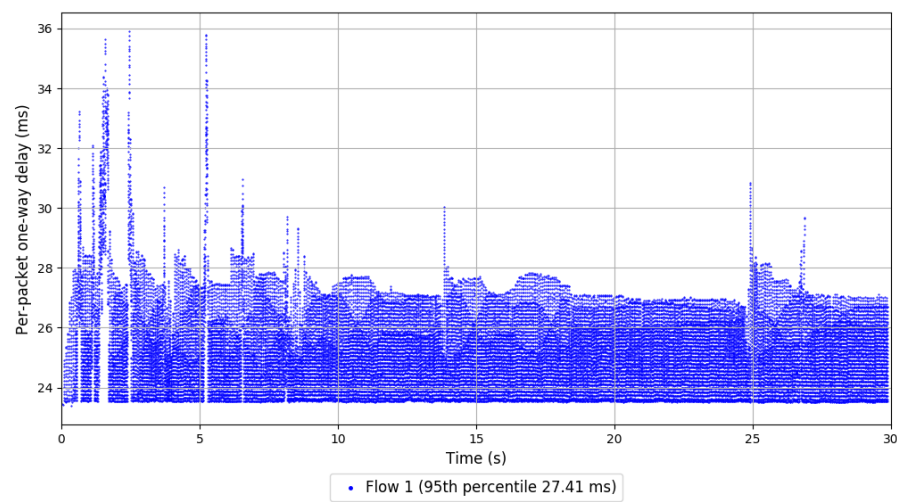
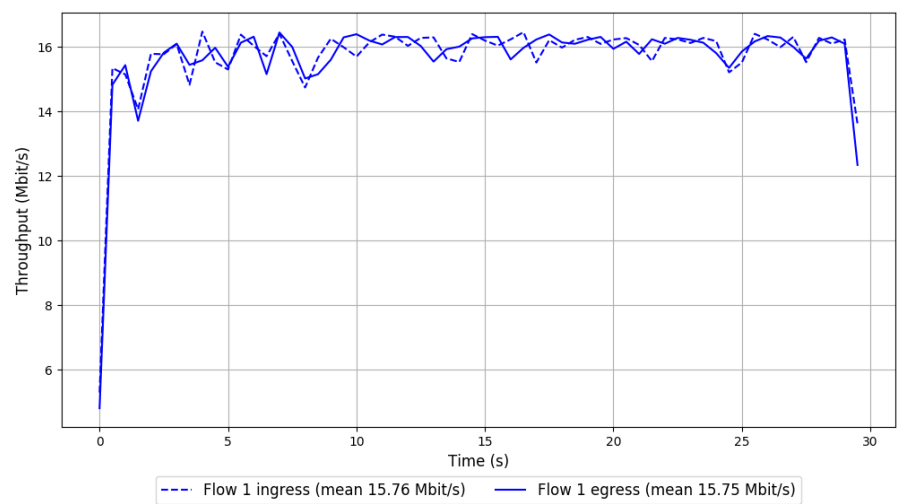


Run 6: Statistics of Sprout

Start at: 2018-01-08 20:34:53  
End at: 2018-01-08 20:35:23  
Local clock offset: 2.518 ms  
Remote clock offset: -1.828 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.75 Mbit/s  
95th percentile per-packet one-way delay: 27.411 ms  
Loss rate: 0.28%  
-- Flow 1:  
Average throughput: 15.75 Mbit/s  
95th percentile per-packet one-way delay: 27.411 ms  
Loss rate: 0.28%

Run 6: Report of Sprout — Data Link



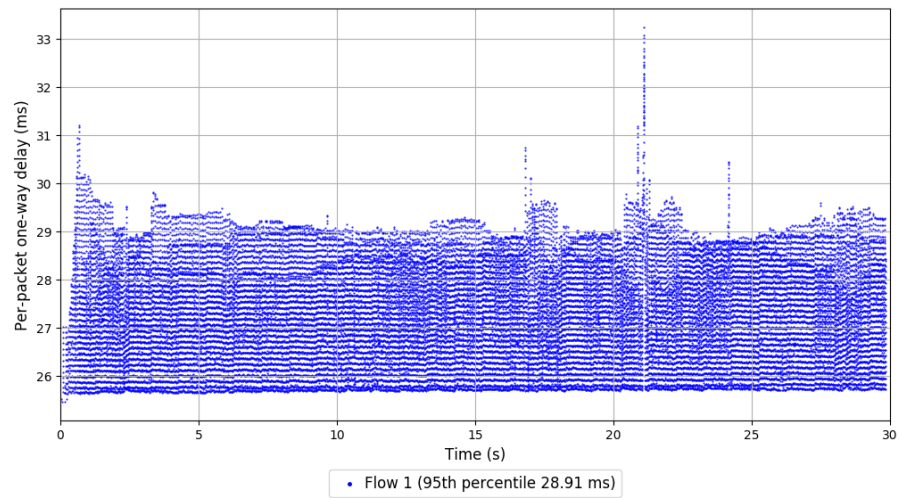
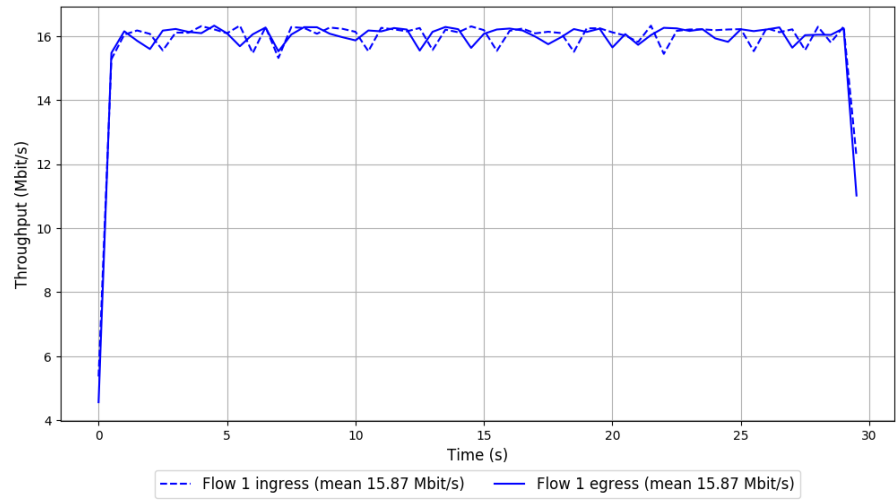
Run 7: Statistics of Sprout

Start at: 2018-01-08 20:55:00  
End at: 2018-01-08 20:55:30  
Local clock offset: 3.063 ms  
Remote clock offset: -3.728 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.87 Mbit/s  
95th percentile per-packet one-way delay: 28.905 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 15.87 Mbit/s  
95th percentile per-packet one-way delay: 28.905 ms  
Loss rate: 0.21%



## Run 7: Report of Sprout — Data Link

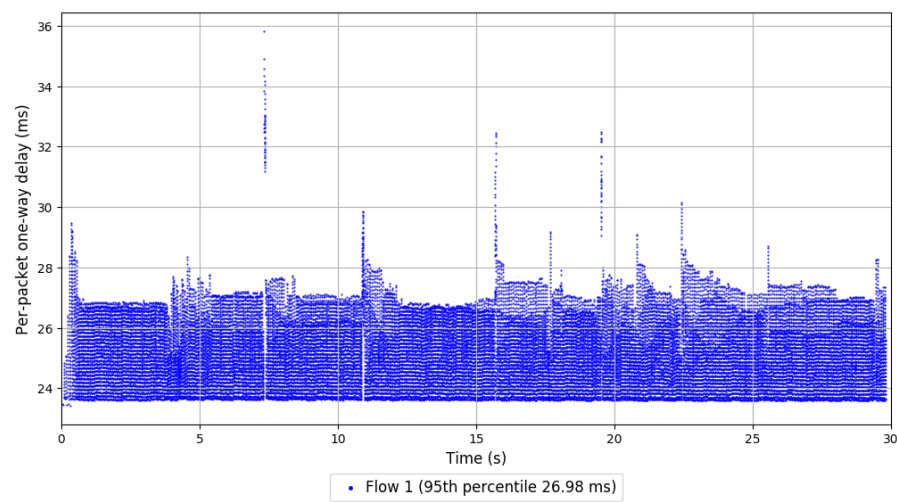
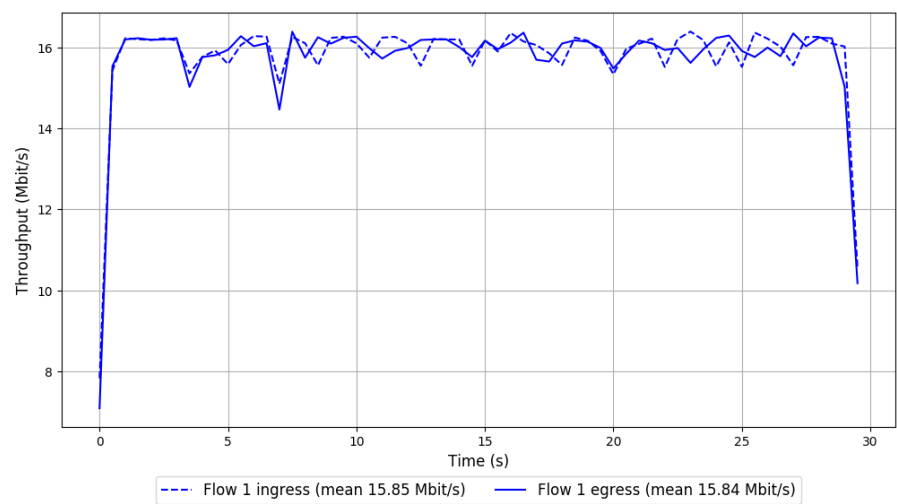


Run 8: Statistics of Sprout

Start at: 2018-01-08 21:14:57  
End at: 2018-01-08 21:15:27  
Local clock offset: 2.731 ms  
Remote clock offset: -2.231 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.84 Mbit/s  
95th percentile per-packet one-way delay: 26.985 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 15.84 Mbit/s  
95th percentile per-packet one-way delay: 26.985 ms  
Loss rate: 0.26%

Run 8: Report of Sprout — Data Link

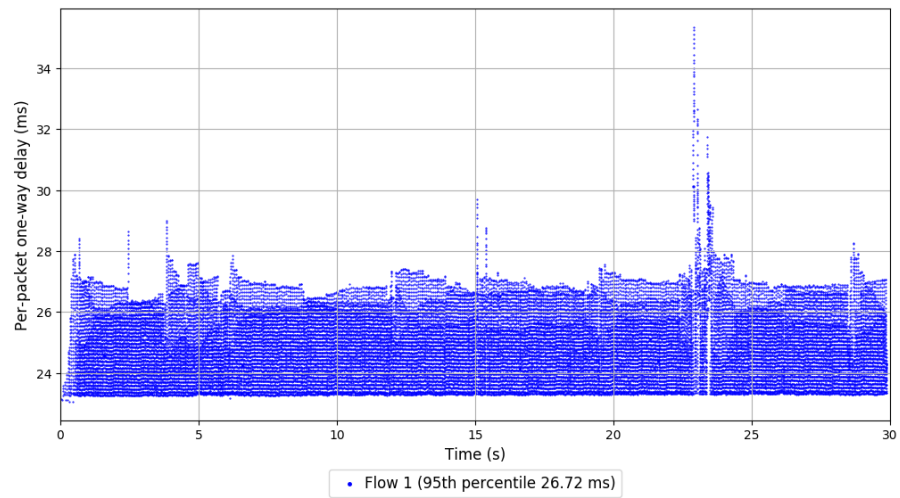
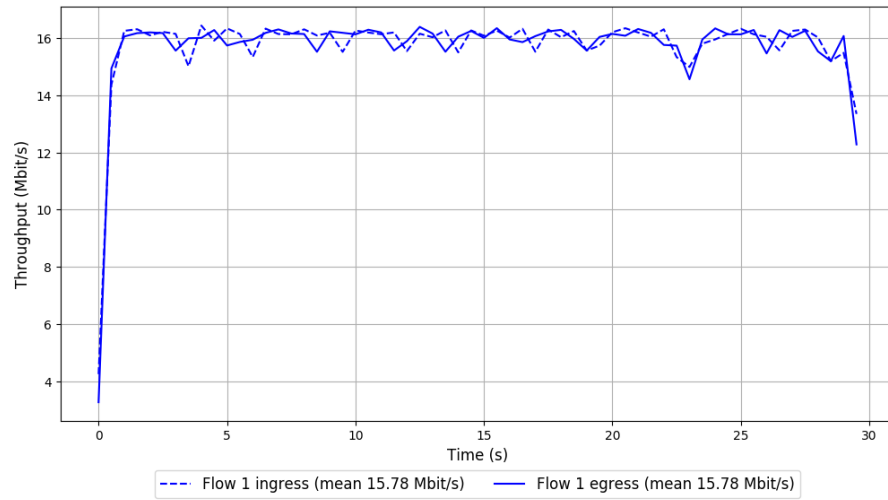


Run 9: Statistics of Sprout

Start at: 2018-01-08 21:34:56  
End at: 2018-01-08 21:35:26  
Local clock offset: 4.051 ms  
Remote clock offset: -2.583 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.78 Mbit/s  
95th percentile per-packet one-way delay: 26.723 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 15.78 Mbit/s  
95th percentile per-packet one-way delay: 26.723 ms  
Loss rate: 0.18%

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

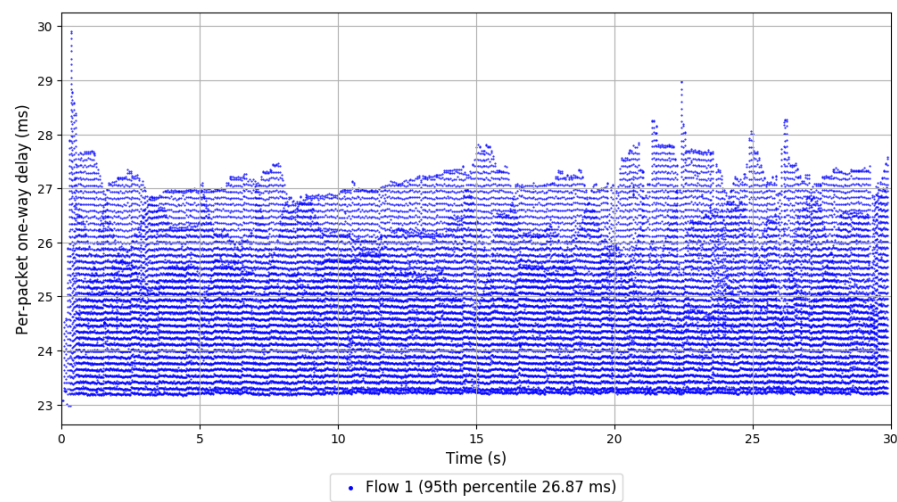
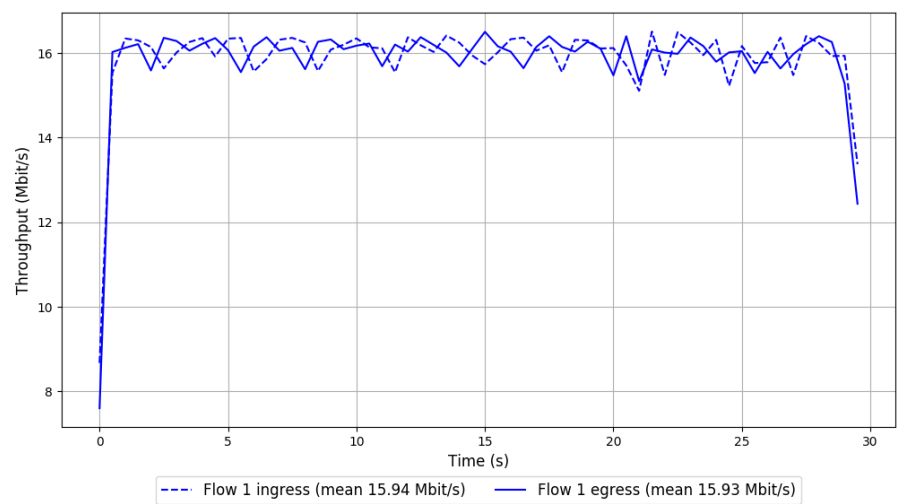


Run 10: Statistics of Sprout

Start at: 2018-01-08 21:54:56  
End at: 2018-01-08 21:55:26  
Local clock offset: 3.253 ms  
Remote clock offset: -2.266 ms

# Below is generated by plot.py at 2018-01-09 01:54:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.93 Mbit/s  
95th percentile per-packet one-way delay: 26.868 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 15.93 Mbit/s  
95th percentile per-packet one-way delay: 26.868 ms  
Loss rate: 0.21%

Run 10: Report of Sprout — Data Link



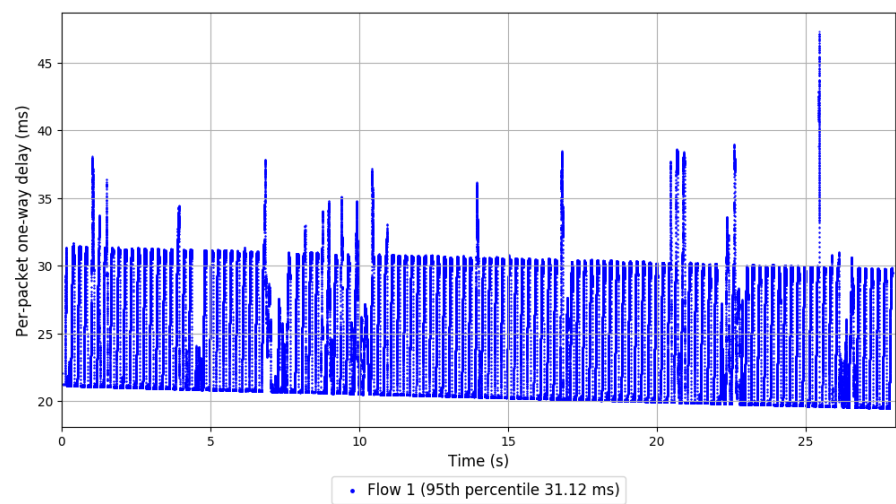
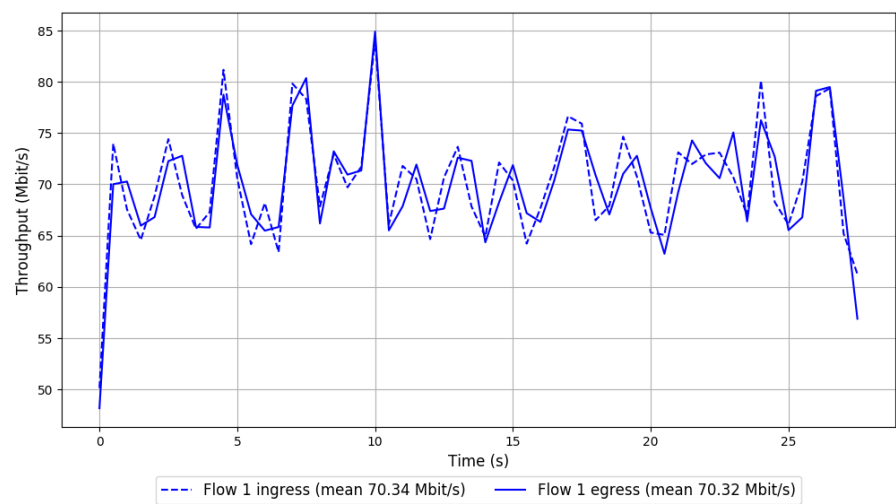
```
Run 1: Statistics of TaoVA-100x

Start at: 2018-01-08 18:50:35
End at: 2018-01-08 18:51:05
Local clock offset: 14.506 ms
Remote clock offset: -2.283 ms

# Below is generated by plot.py at 2018-01-09 01:57:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.32 Mbit/s
95th percentile per-packet one-way delay: 31.119 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 70.32 Mbit/s
95th percentile per-packet one-way delay: 31.119 ms
Loss rate: 0.22%
```



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

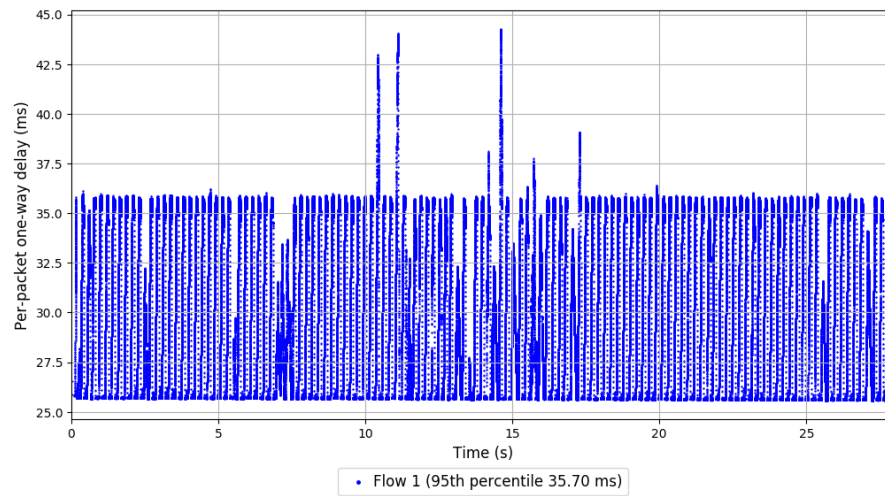
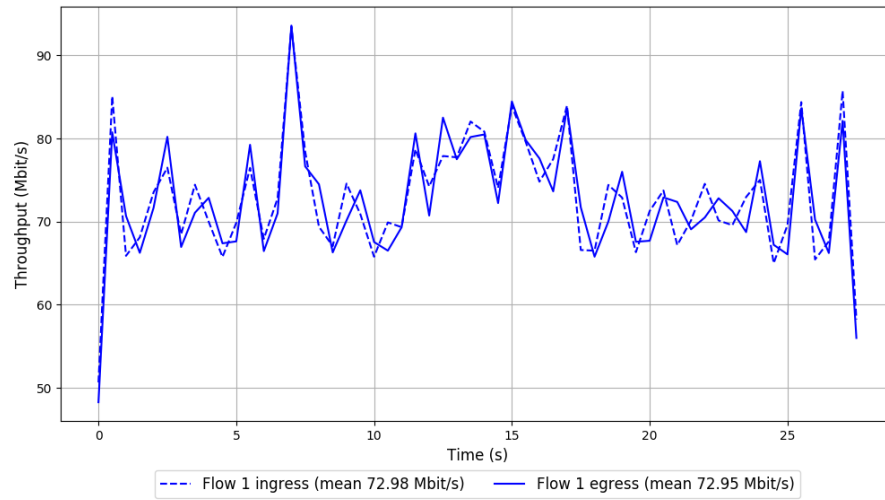


Run 2: Statistics of TaoVA-100x

Start at: 2018-01-08 19:10:26  
End at: 2018-01-08 19:10:56  
Local clock offset: 20.497 ms  
Remote clock offset: -4.861 ms

# Below is generated by plot.py at 2018-01-09 01:57:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 72.95 Mbit/s  
95th percentile per-packet one-way delay: 35.703 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 72.95 Mbit/s  
95th percentile per-packet one-way delay: 35.703 ms  
Loss rate: 0.23%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-01-08 19:30:25

End at: 2018-01-08 19:30:55

Local clock offset: 8.809 ms

Remote clock offset: -3.05 ms

# Below is generated by plot.py at 2018-01-09 01:57:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.62 Mbit/s

95th percentile per-packet one-way delay: 33.674 ms

Loss rate: 0.33%

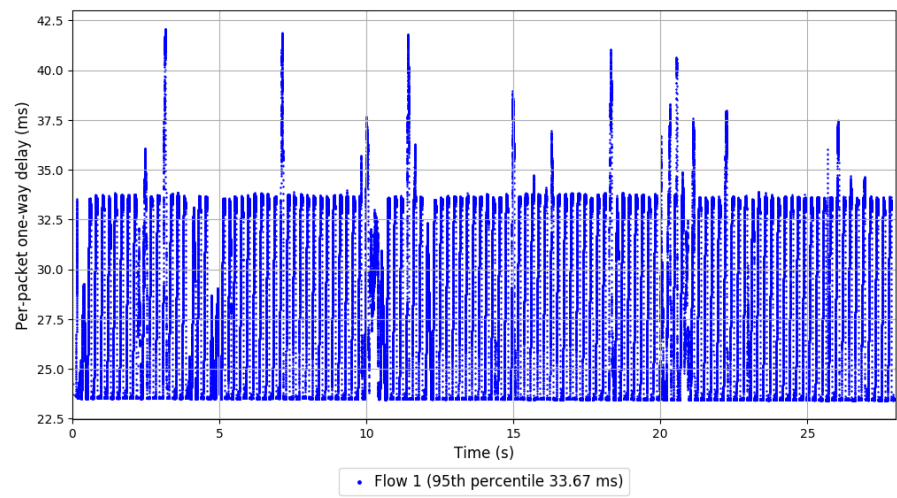
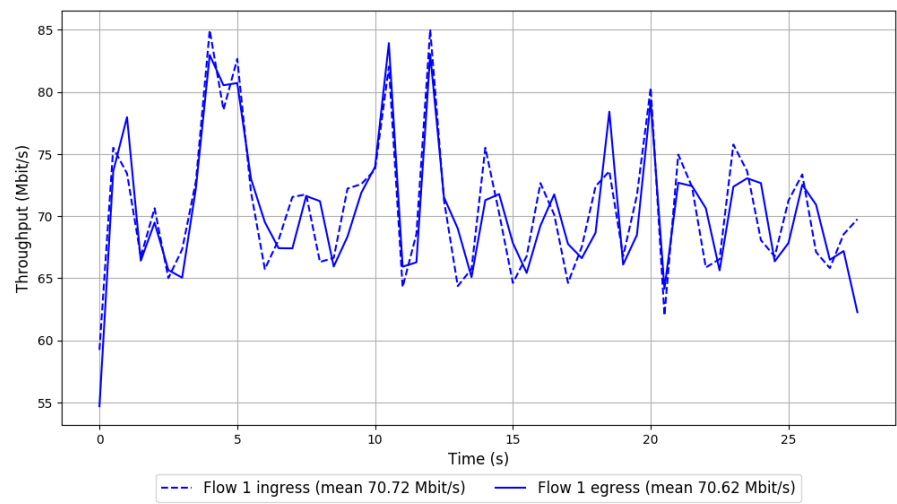
-- Flow 1:

Average throughput: 70.62 Mbit/s

95th percentile per-packet one-way delay: 33.674 ms

Loss rate: 0.33%

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

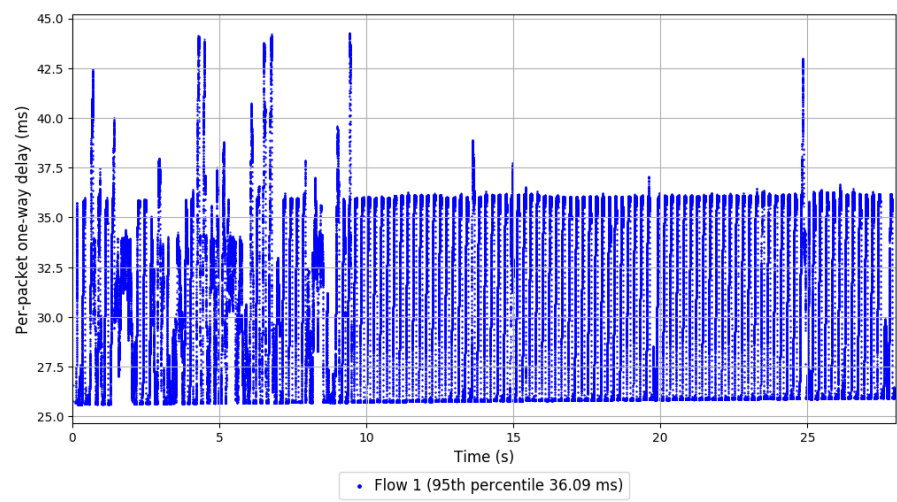
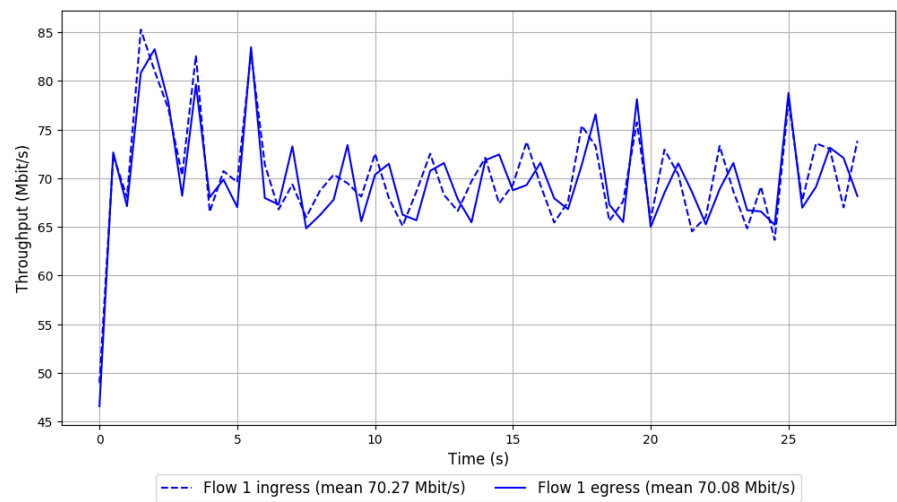


Run 4: Statistics of TaoVA-100x

Start at: 2018-01-08 19:50:41  
End at: 2018-01-08 19:51:11  
Local clock offset: 6.382 ms  
Remote clock offset: -5.486 ms

# Below is generated by plot.py at 2018-01-09 01:57:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.08 Mbit/s  
95th percentile per-packet one-way delay: 36.094 ms  
Loss rate: 0.46%  
-- Flow 1:  
Average throughput: 70.08 Mbit/s  
95th percentile per-packet one-way delay: 36.094 ms  
Loss rate: 0.46%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-01-08 20:10:51

End at: 2018-01-08 20:11:21

Local clock offset: 2.021 ms

Remote clock offset: -4.9 ms

# Below is generated by plot.py at 2018-01-09 01:57:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.46 Mbit/s

95th percentile per-packet one-way delay: 35.711 ms

Loss rate: 0.33%

-- Flow 1:

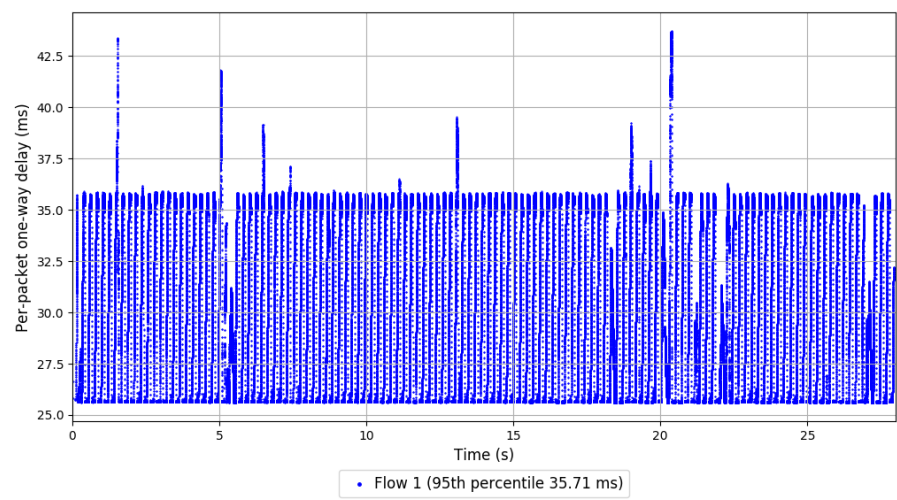
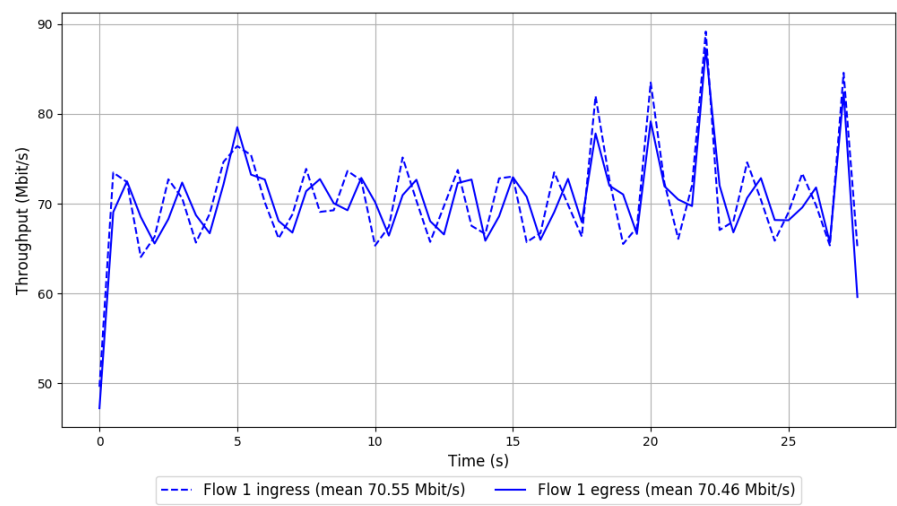
Average throughput: 70.46 Mbit/s

95th percentile per-packet one-way delay: 35.711 ms

Loss rate: 0.33%



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



Run 6: Statistics of TaoVA-100x

Start at: 2018-01-08 20:30:49

End at: 2018-01-08 20:31:19

Local clock offset: 2.075 ms

Remote clock offset: -1.877 ms

# Below is generated by plot.py at 2018-01-09 01:57:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.64 Mbit/s

95th percentile per-packet one-way delay: 33.626 ms

Loss rate: 0.40%

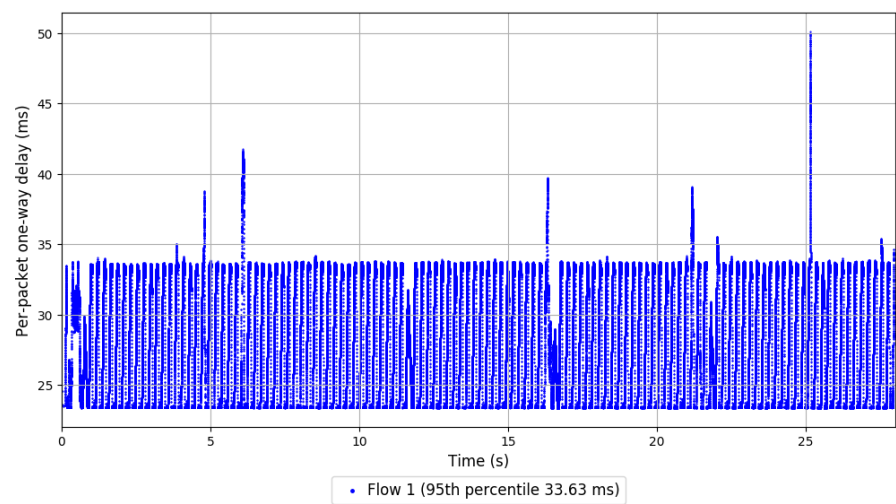
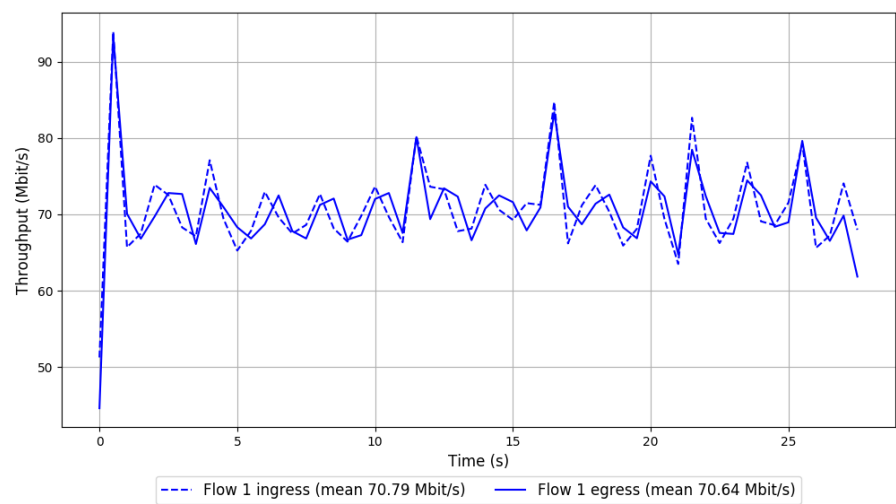
-- Flow 1:

Average throughput: 70.64 Mbit/s

95th percentile per-packet one-way delay: 33.626 ms

Loss rate: 0.40%

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

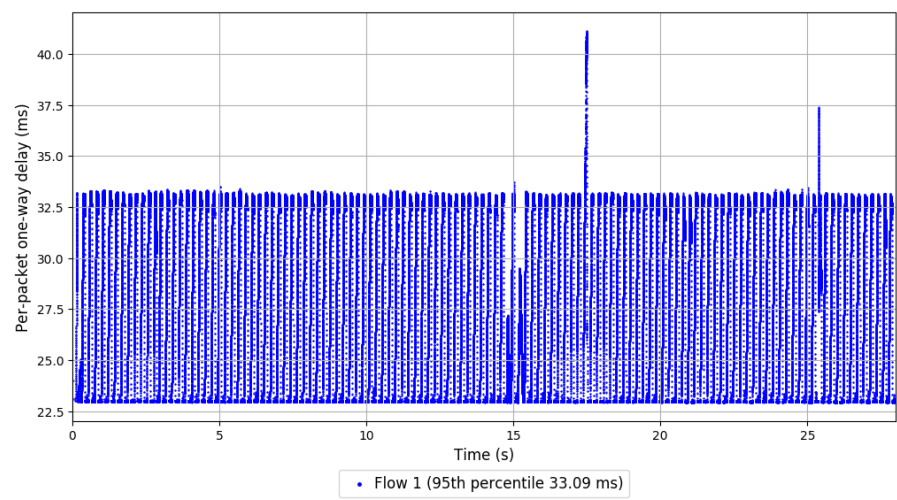
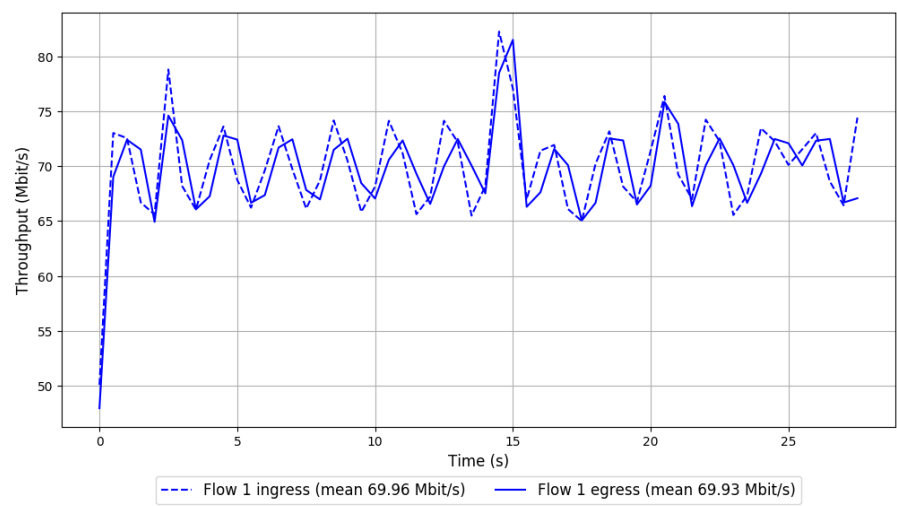


Run 7: Statistics of TaoVA-100x

Start at: 2018-01-08 20:50:49  
End at: 2018-01-08 20:51:19  
Local clock offset: 2.756 ms  
Remote clock offset: -1.125 ms

# Below is generated by plot.py at 2018-01-09 01:57:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 69.93 Mbit/s  
95th percentile per-packet one-way delay: 33.086 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 69.93 Mbit/s  
95th percentile per-packet one-way delay: 33.086 ms  
Loss rate: 0.25%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-01-08 21:10:54

End at: 2018-01-08 21:11:24

Local clock offset: 2.595 ms

Remote clock offset: -4.125 ms

# Below is generated by plot.py at 2018-01-09 01:57:51

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.84 Mbit/s

95th percentile per-packet one-way delay: 35.849 ms

Loss rate: 0.12%

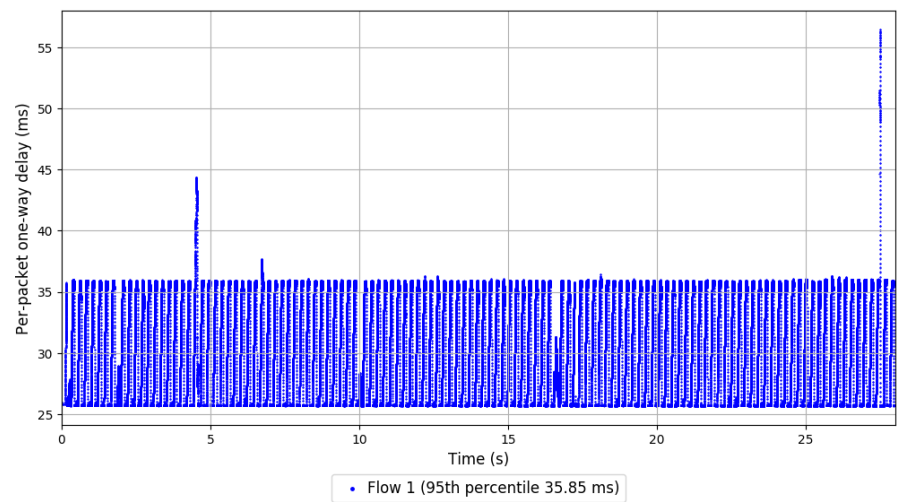
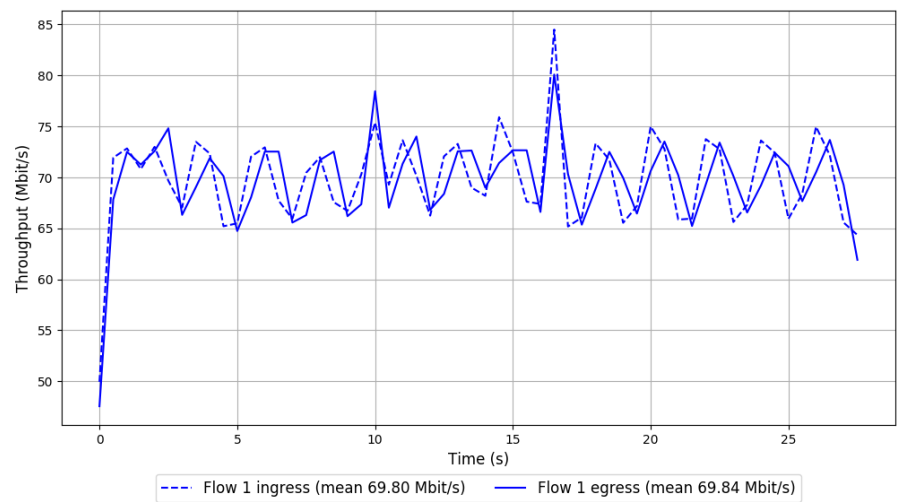
-- Flow 1:

Average throughput: 69.84 Mbit/s

95th percentile per-packet one-way delay: 35.849 ms

Loss rate: 0.12%

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



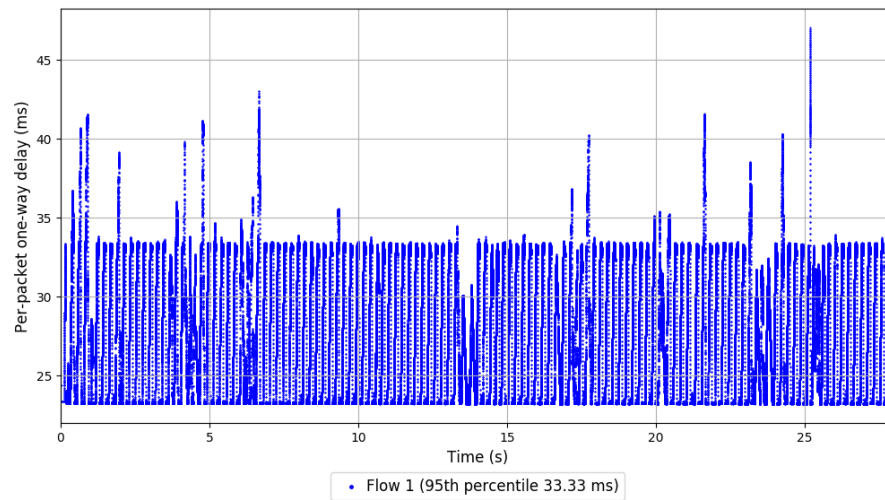
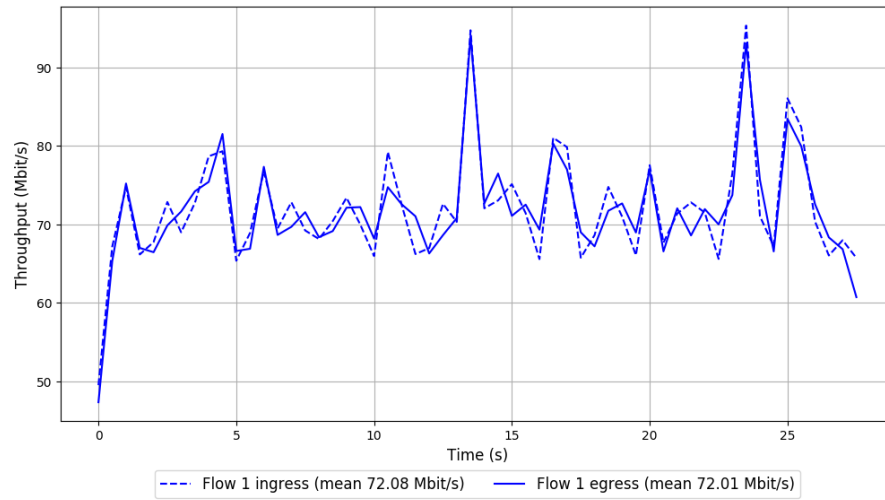
Run 9: Statistics of TaoVA-100x

Start at: 2018-01-08 21:30:55  
End at: 2018-01-08 21:31:25  
Local clock offset: 3.742 ms  
Remote clock offset: -2.554 ms

# Below is generated by plot.py at 2018-01-09 02:00:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 72.01 Mbit/s  
95th percentile per-packet one-way delay: 33.331 ms  
Loss rate: 0.29%  
-- Flow 1:  
Average throughput: 72.01 Mbit/s  
95th percentile per-packet one-way delay: 33.331 ms  
Loss rate: 0.29%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-01-08 21:50:50

End at: 2018-01-08 21:51:20

Local clock offset: 3.24 ms

Remote clock offset: -2.835 ms

# Below is generated by plot.py at 2018-01-09 02:00:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.06 Mbit/s

95th percentile per-packet one-way delay: 33.757 ms

Loss rate: 0.31%

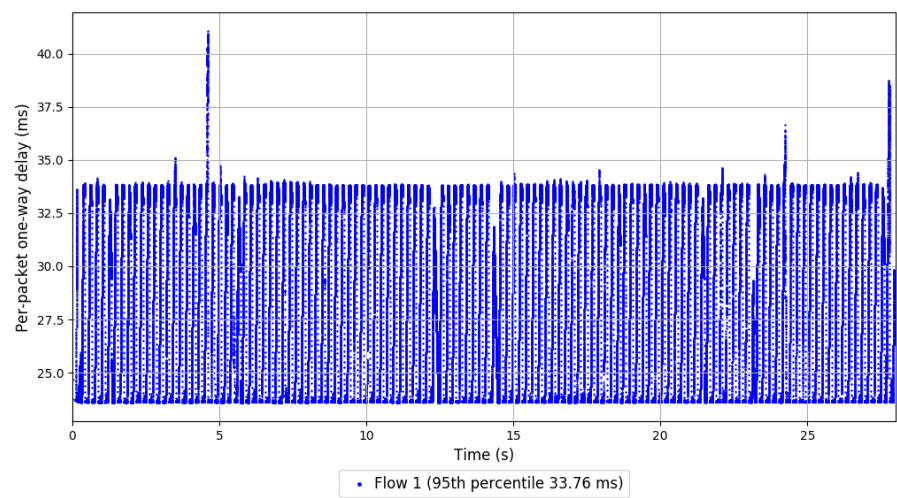
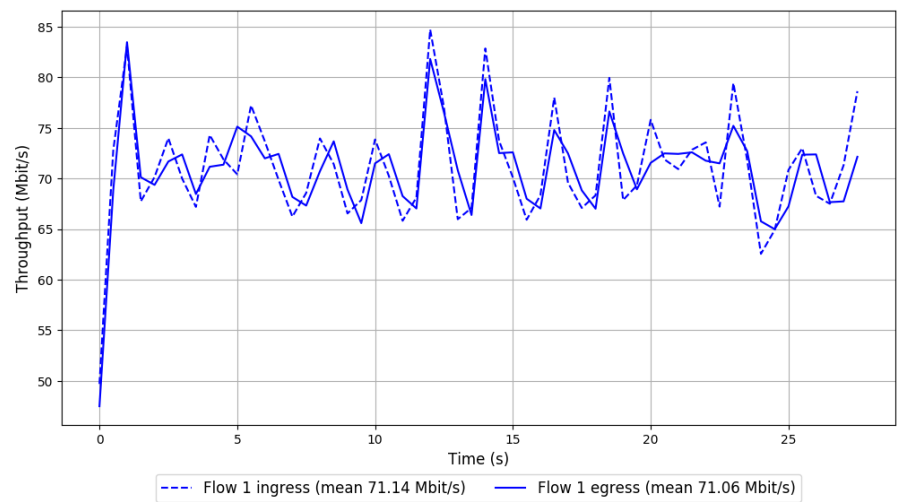
-- Flow 1:

Average throughput: 71.06 Mbit/s

95th percentile per-packet one-way delay: 33.757 ms

Loss rate: 0.31%

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

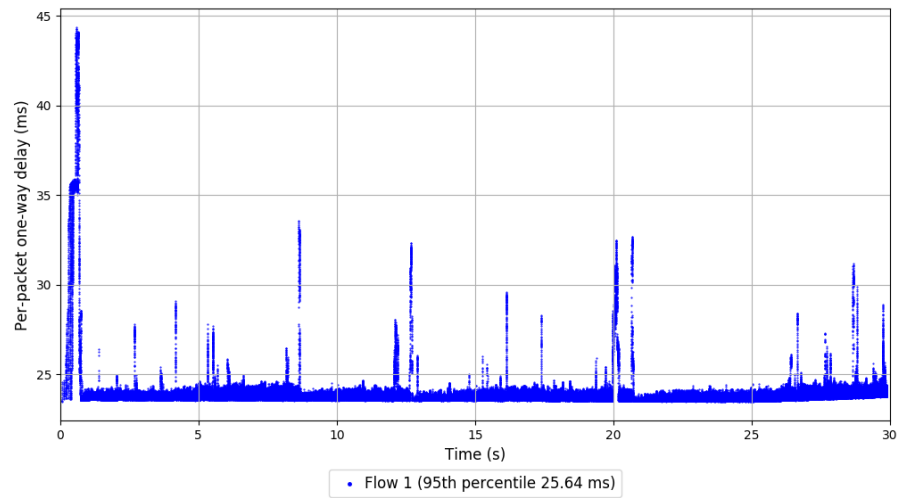
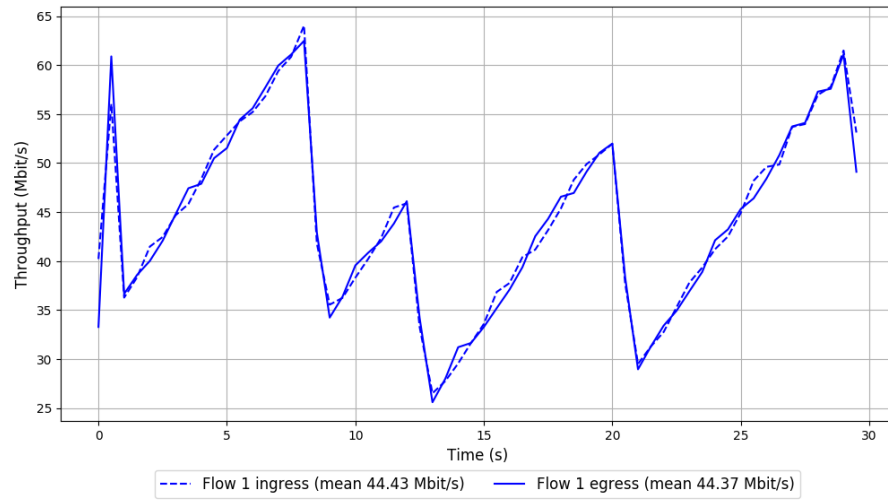


Run 1: Statistics of TCP Vegas

Start at: 2018-01-08 18:58:31  
End at: 2018-01-08 18:59:01  
Local clock offset: 30.849 ms  
Remote clock offset: -2.872 ms

# Below is generated by plot.py at 2018-01-09 02:00:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.37 Mbit/s  
95th percentile per-packet one-way delay: 25.635 ms  
Loss rate: 0.32%  
-- Flow 1:  
Average throughput: 44.37 Mbit/s  
95th percentile per-packet one-way delay: 25.635 ms  
Loss rate: 0.32%

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

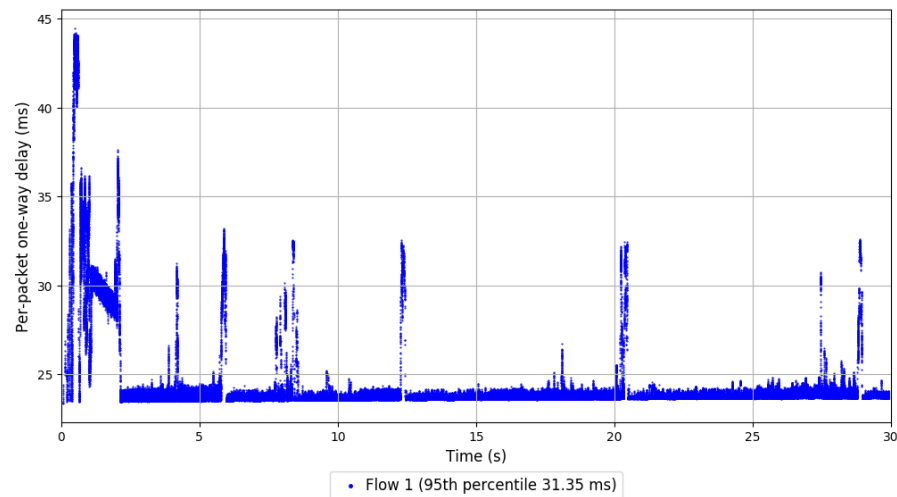
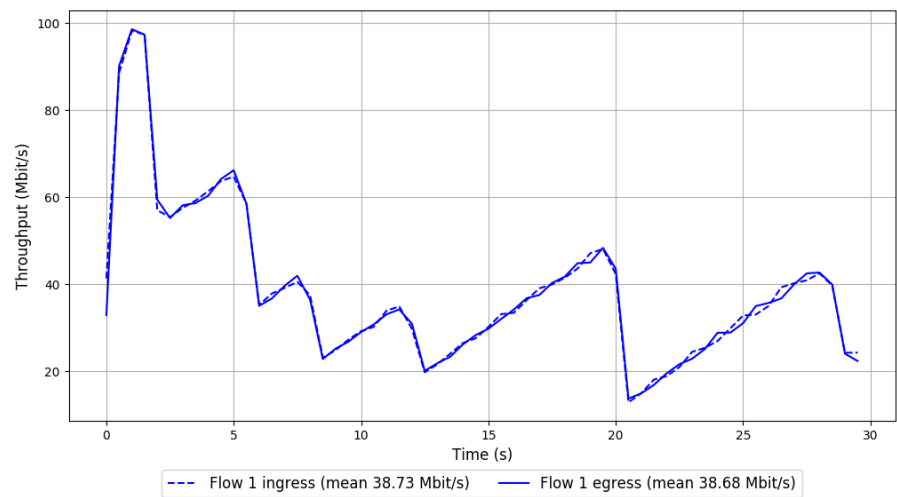


Run 2: Statistics of TCP Vegas

Start at: 2018-01-08 19:18:28  
End at: 2018-01-08 19:18:58  
Local clock offset: 17.472 ms  
Remote clock offset: -2.342 ms

# Below is generated by plot.py at 2018-01-09 02:00:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 38.68 Mbit/s  
95th percentile per-packet one-way delay: 31.352 ms  
Loss rate: 0.30%  
-- Flow 1:  
Average throughput: 38.68 Mbit/s  
95th percentile per-packet one-way delay: 31.352 ms  
Loss rate: 0.30%

Run 2: Report of TCP Vegas — Data Link



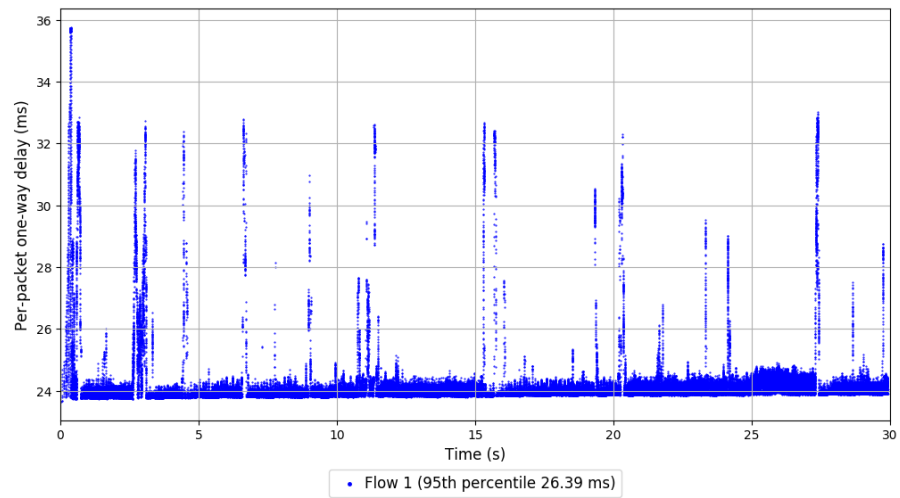
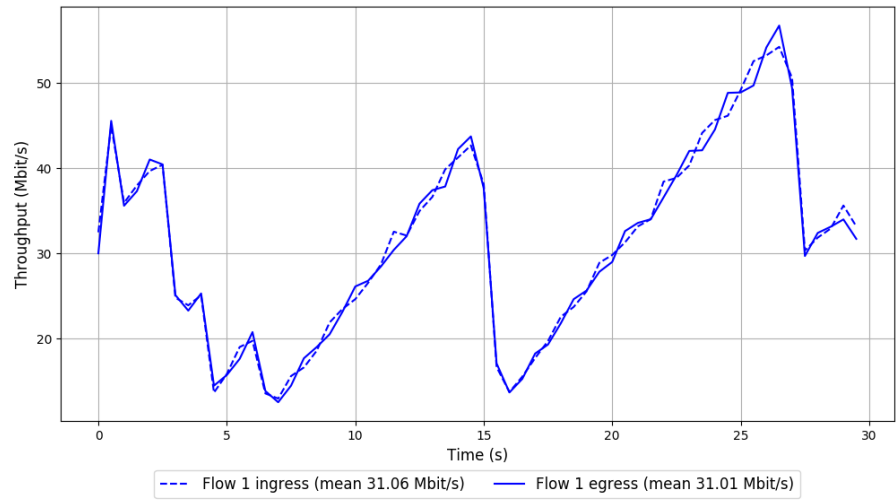
Run 3: Statistics of TCP Vegas

Start at: 2018-01-08 19:38:42  
End at: 2018-01-08 19:39:12  
Local clock offset: 6.426 ms  
Remote clock offset: -3.356 ms

# Below is generated by plot.py at 2018-01-09 02:00:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 31.01 Mbit/s  
95th percentile per-packet one-way delay: 26.395 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 31.01 Mbit/s  
95th percentile per-packet one-way delay: 26.395 ms  
Loss rate: 0.33%



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

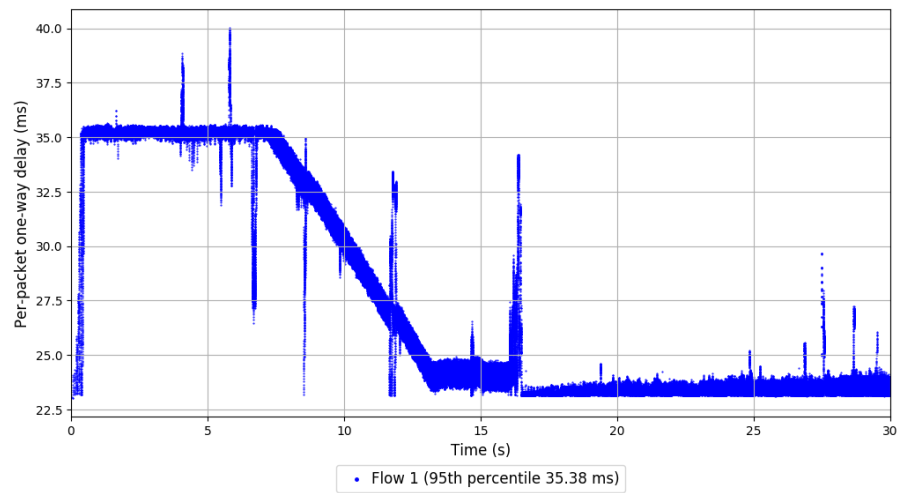
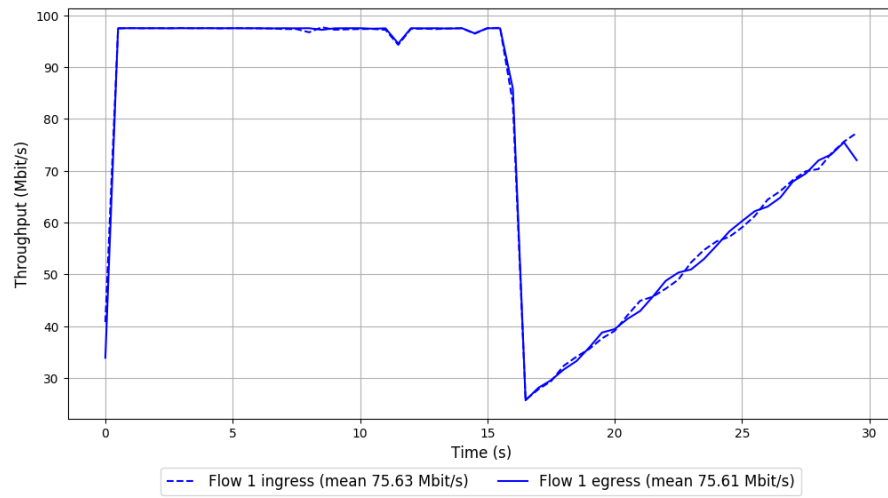


Run 4: Statistics of TCP Vegas

Start at: 2018-01-08 19:58:52  
End at: 2018-01-08 19:59:22  
Local clock offset: 3.209 ms  
Remote clock offset: -2.881 ms

# Below is generated by plot.py at 2018-01-09 02:00:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.61 Mbit/s  
95th percentile per-packet one-way delay: 35.379 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 75.61 Mbit/s  
95th percentile per-packet one-way delay: 35.379 ms  
Loss rate: 0.20%

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

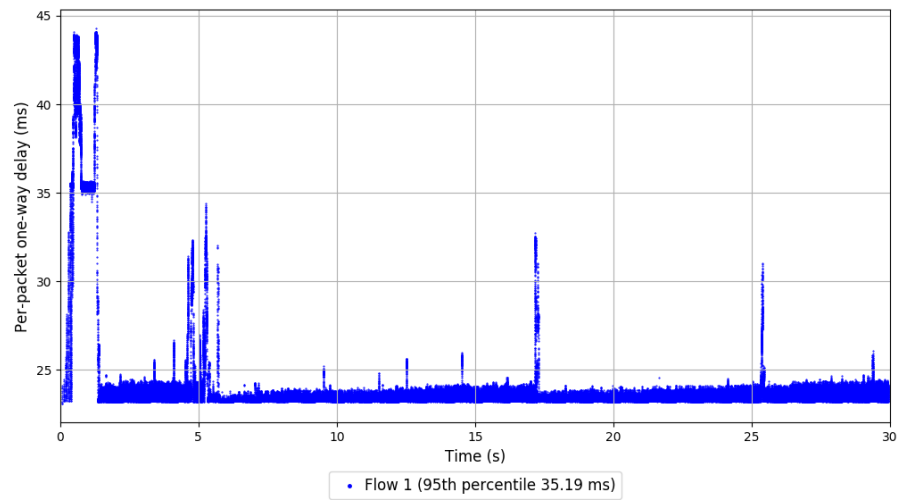
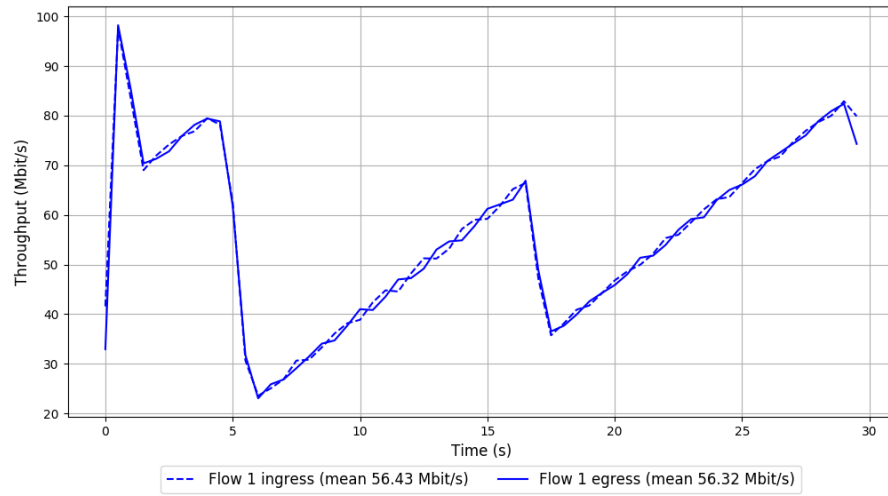


Run 5: Statistics of TCP Vegas

Start at: 2018-01-08 20:18:54  
End at: 2018-01-08 20:19:24  
Local clock offset: 2.264 ms  
Remote clock offset: -1.927 ms

# Below is generated by plot.py at 2018-01-09 02:00:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 56.32 Mbit/s  
95th percentile per-packet one-way delay: 35.193 ms  
Loss rate: 0.38%  
-- Flow 1:  
Average throughput: 56.32 Mbit/s  
95th percentile per-packet one-way delay: 35.193 ms  
Loss rate: 0.38%

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

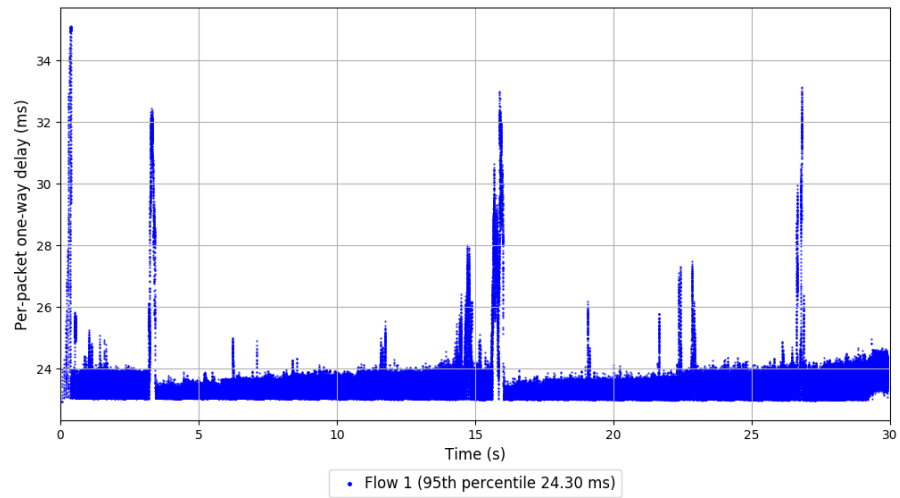
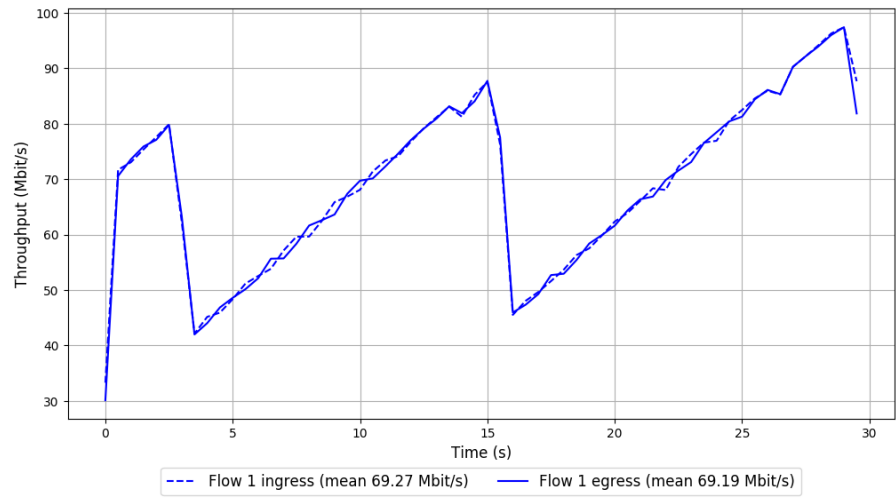


Run 6: Statistics of TCP Vegas

Start at: 2018-01-08 20:38:53  
End at: 2018-01-08 20:39:23  
Local clock offset: 2.963 ms  
Remote clock offset: -1.329 ms

# Below is generated by plot.py at 2018-01-09 02:00:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 69.19 Mbit/s  
95th percentile per-packet one-way delay: 24.301 ms  
Loss rate: 0.29%  
-- Flow 1:  
Average throughput: 69.19 Mbit/s  
95th percentile per-packet one-way delay: 24.301 ms  
Loss rate: 0.29%

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



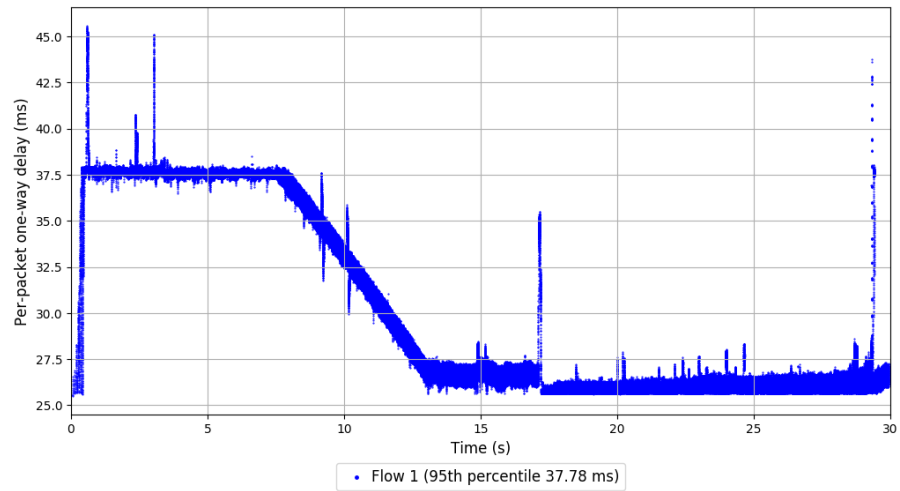
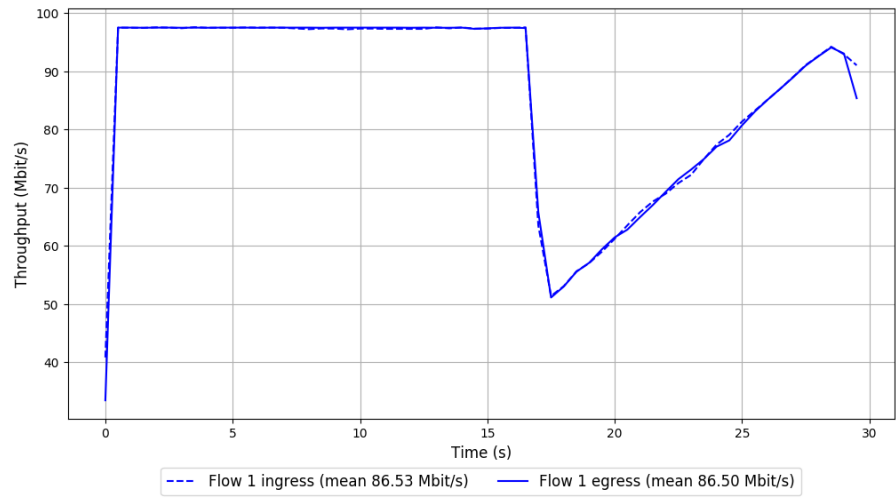
Run 7: Statistics of TCP Vegas

Start at: 2018-01-08 20:58:59  
End at: 2018-01-08 20:59:29  
Local clock offset: 2.552 ms  
Remote clock offset: -3.699 ms

# Below is generated by plot.py at 2018-01-09 02:01:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.50 Mbit/s  
95th percentile per-packet one-way delay: 37.782 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 86.50 Mbit/s  
95th percentile per-packet one-way delay: 37.782 ms  
Loss rate: 0.21%



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

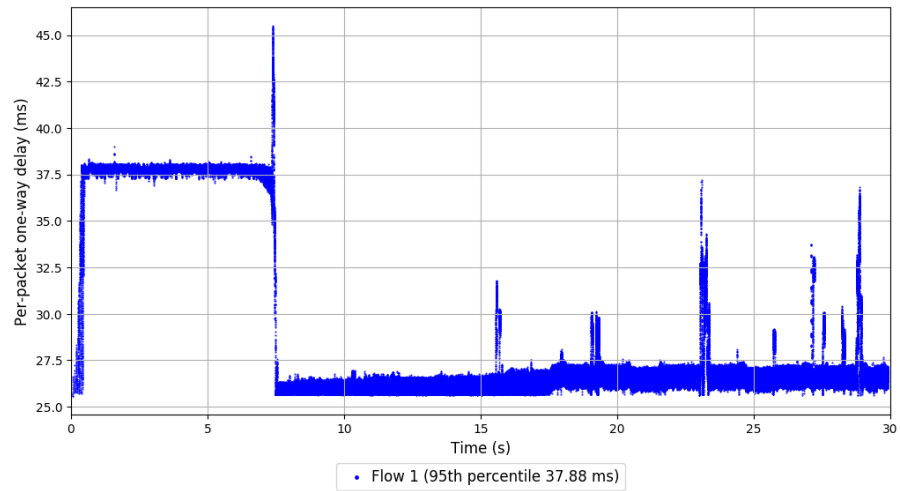
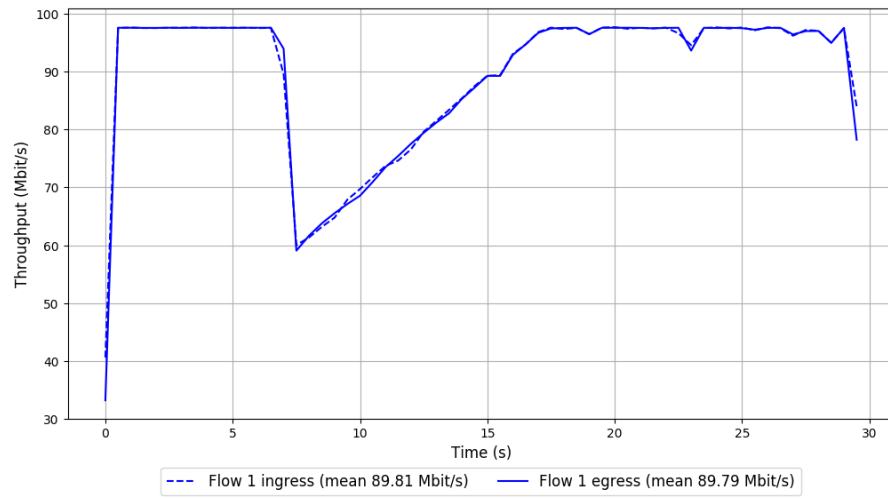


Run 8: Statistics of TCP Vegas

Start at: 2018-01-08 21:18:57  
End at: 2018-01-08 21:19:27  
Local clock offset: 2.961 ms  
Remote clock offset: -4.492 ms

# Below is generated by plot.py at 2018-01-09 02:01:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.79 Mbit/s  
95th percentile per-packet one-way delay: 37.881 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 89.79 Mbit/s  
95th percentile per-packet one-way delay: 37.881 ms  
Loss rate: 0.20%

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

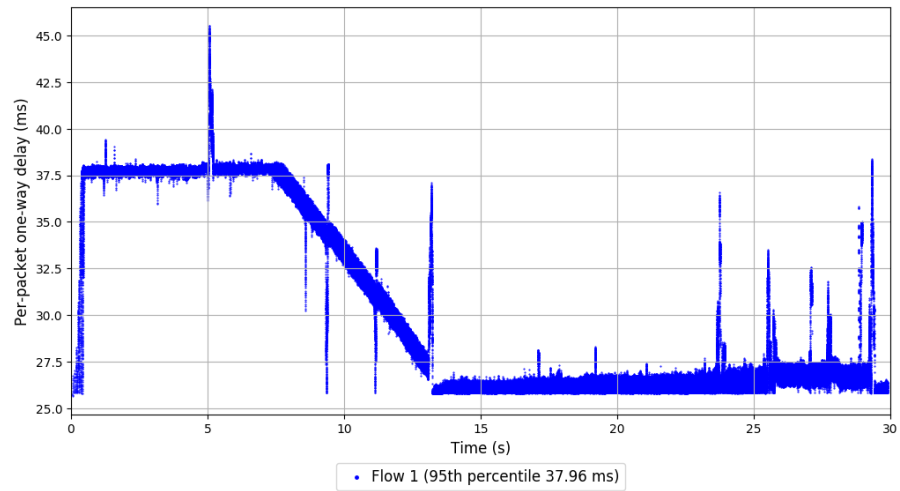
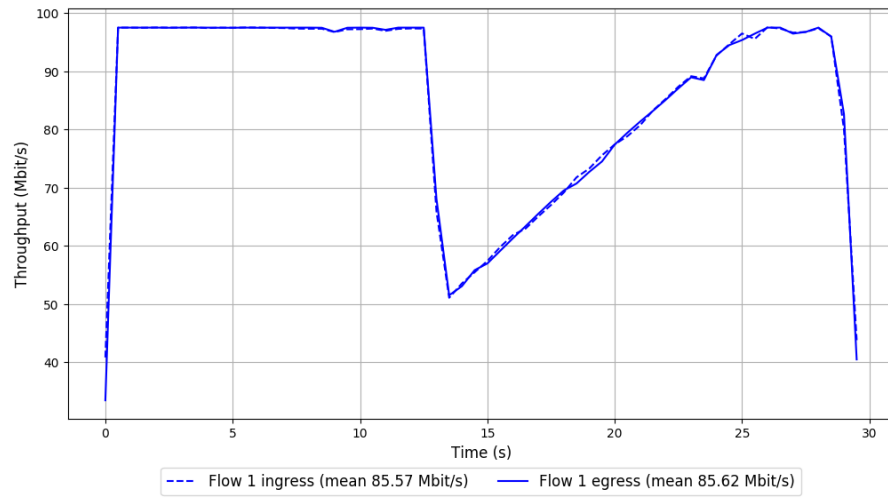


Run 9: Statistics of TCP Vegas

Start at: 2018-01-08 21:38:55  
End at: 2018-01-08 21:39:25  
Local clock offset: 3.714 ms  
Remote clock offset: -5.138 ms

# Below is generated by plot.py at 2018-01-09 02:01:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.62 Mbit/s  
95th percentile per-packet one-way delay: 37.963 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 85.62 Mbit/s  
95th percentile per-packet one-way delay: 37.963 ms  
Loss rate: 0.12%

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



Run 10: Statistics of TCP Vegas

Start at: 2018-01-08 21:58:55

End at: 2018-01-08 21:59:25

Local clock offset: 3.323 ms

Remote clock offset: -4.747 ms

# Below is generated by plot.py at 2018-01-09 02:01:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.14 Mbit/s

95th percentile per-packet one-way delay: 38.022 ms

Loss rate: 0.17%

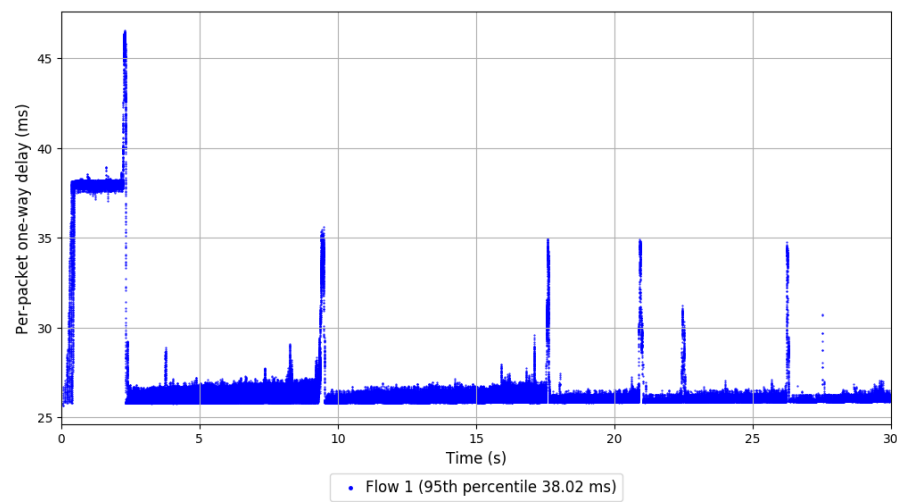
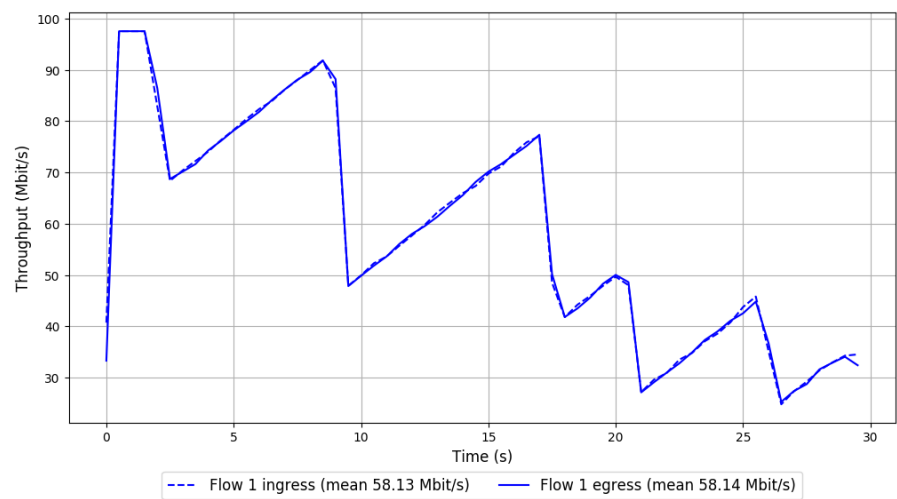
-- Flow 1:

Average throughput: 58.14 Mbit/s

95th percentile per-packet one-way delay: 38.022 ms

Loss rate: 0.17%

Run 10: Report of TCP Vegas — Data Link



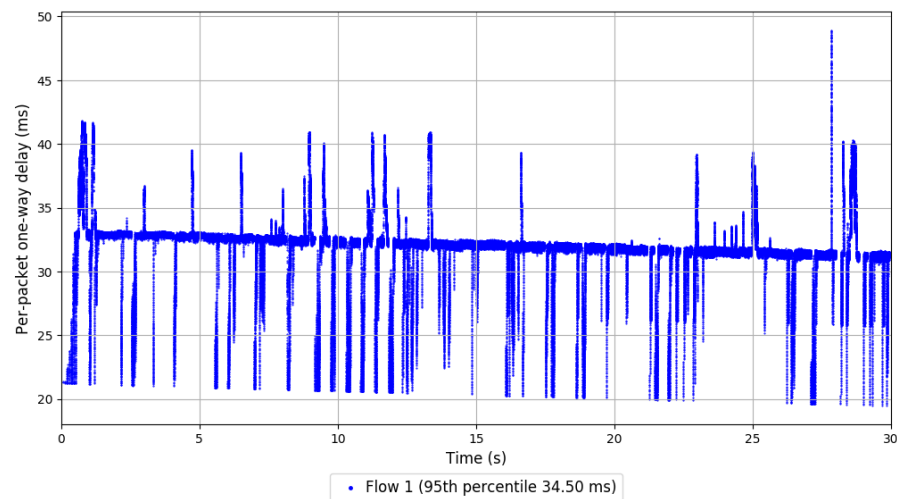
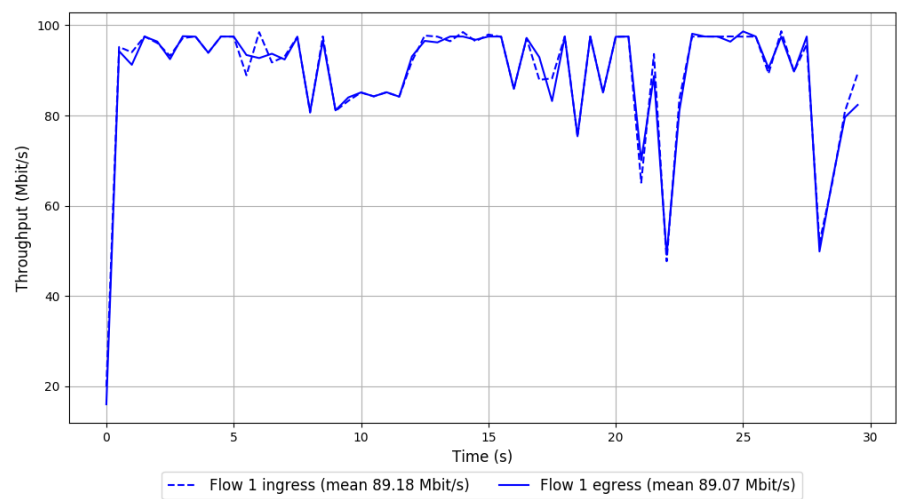
Run 1: Statistics of Verus

Start at: 2018-01-08 18:53:14  
End at: 2018-01-08 18:53:44  
Local clock offset: 23.703 ms  
Remote clock offset: -2.423 ms

# Below is generated by plot.py at 2018-01-09 02:02:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.07 Mbit/s  
95th percentile per-packet one-way delay: 34.499 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 89.07 Mbit/s  
95th percentile per-packet one-way delay: 34.499 ms  
Loss rate: 0.33%



Run 1: Report of Verus — Data Link

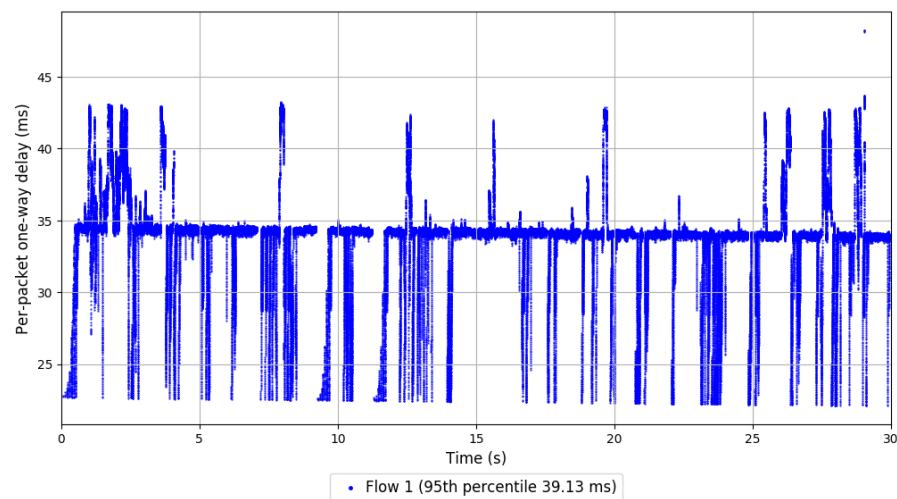
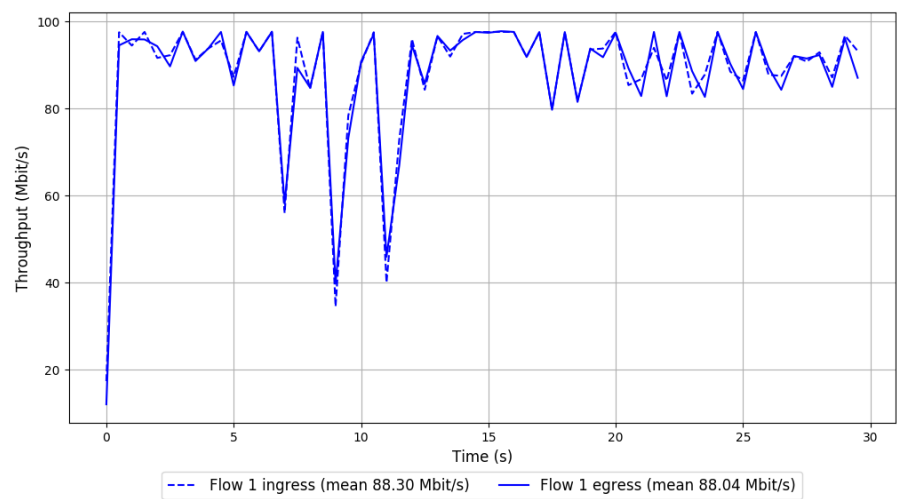


Run 2: Statistics of Verus

Start at: 2018-01-08 19:13:08  
End at: 2018-01-08 19:13:38  
Local clock offset: 21.728 ms  
Remote clock offset: -2.303 ms

# Below is generated by plot.py at 2018-01-09 02:02:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.04 Mbit/s  
95th percentile per-packet one-way delay: 39.135 ms  
Loss rate: 0.49%  
-- Flow 1:  
Average throughput: 88.04 Mbit/s  
95th percentile per-packet one-way delay: 39.135 ms  
Loss rate: 0.49%

Run 2: Report of Verus — Data Link

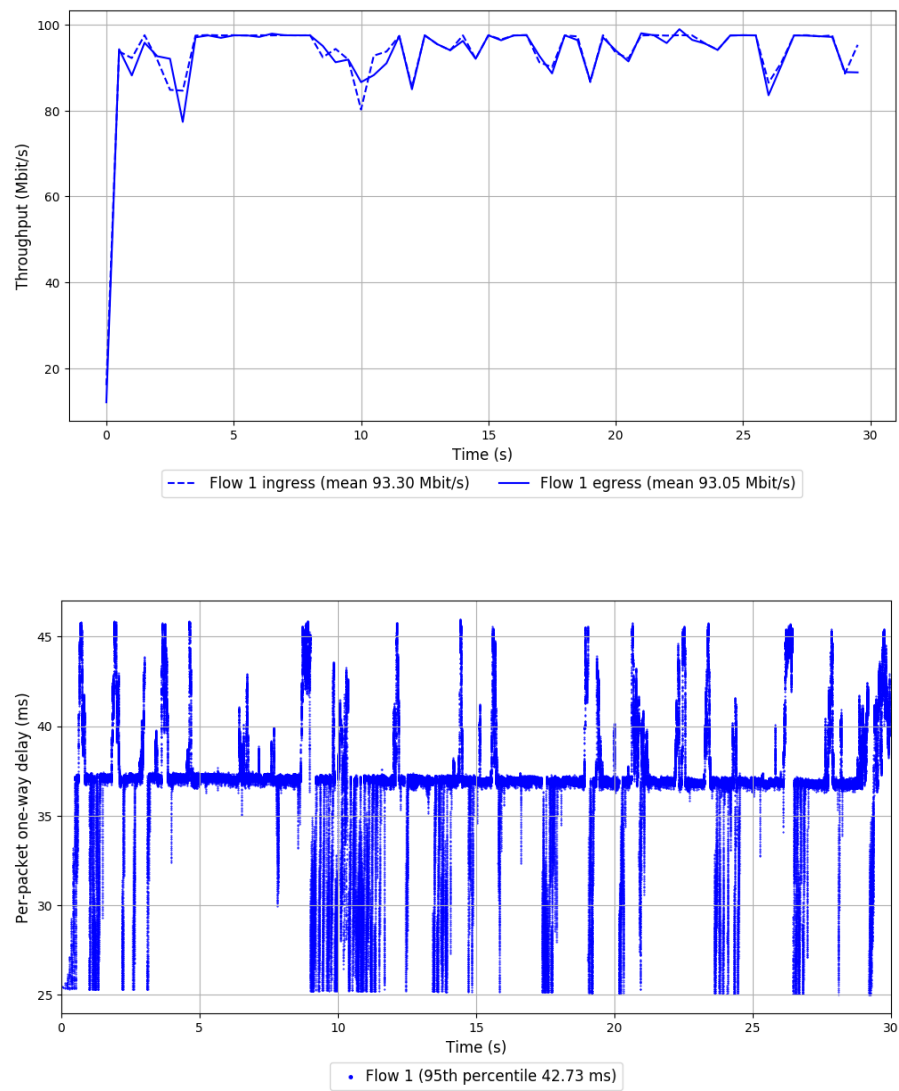


Run 3: Statistics of Verus

Start at: 2018-01-08 19:33:06  
End at: 2018-01-08 19:33:36  
Local clock offset: 9.553 ms  
Remote clock offset: -5.164 ms

# Below is generated by plot.py at 2018-01-09 02:03:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.05 Mbit/s  
95th percentile per-packet one-way delay: 42.730 ms  
Loss rate: 0.45%  
-- Flow 1:  
Average throughput: 93.05 Mbit/s  
95th percentile per-packet one-way delay: 42.730 ms  
Loss rate: 0.45%

Run 3: Report of Verus — Data Link

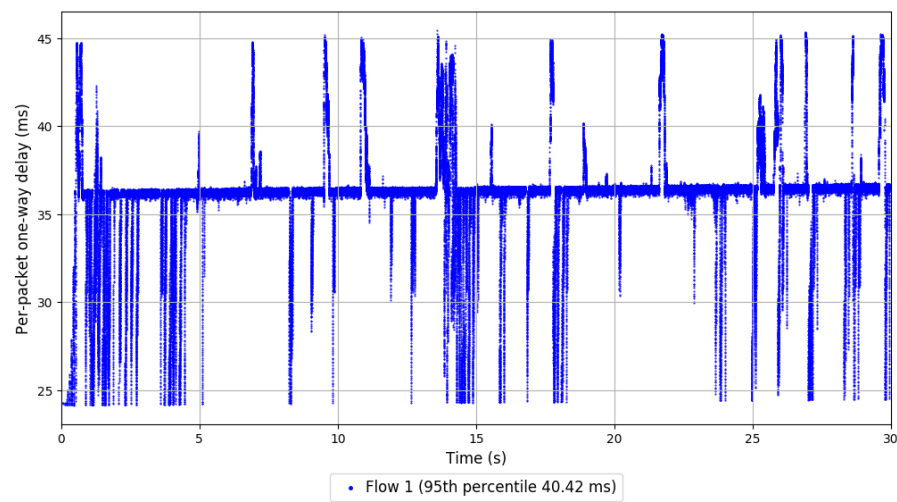
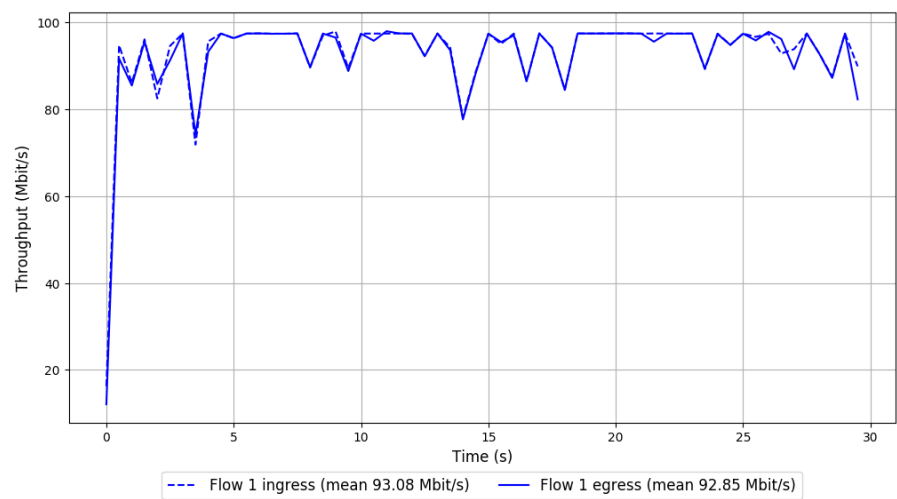


Run 4: Statistics of Verus

Start at: 2018-01-08 19:53:26  
End at: 2018-01-08 19:53:56  
Local clock offset: 5.414 ms  
Remote clock offset: -3.453 ms

# Below is generated by plot.py at 2018-01-09 02:03:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.85 Mbit/s  
95th percentile per-packet one-way delay: 40.424 ms  
Loss rate: 0.43%  
-- Flow 1:  
Average throughput: 92.85 Mbit/s  
95th percentile per-packet one-way delay: 40.424 ms  
Loss rate: 0.43%

Run 4: Report of Verus — Data Link



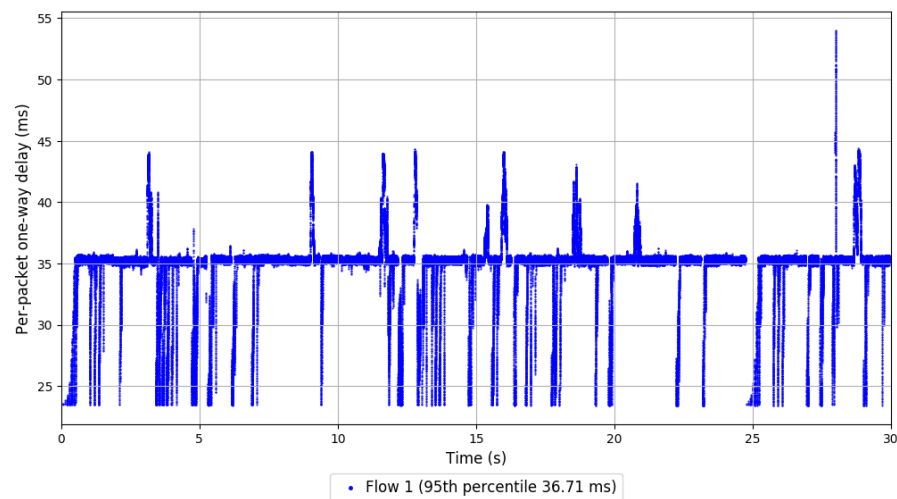
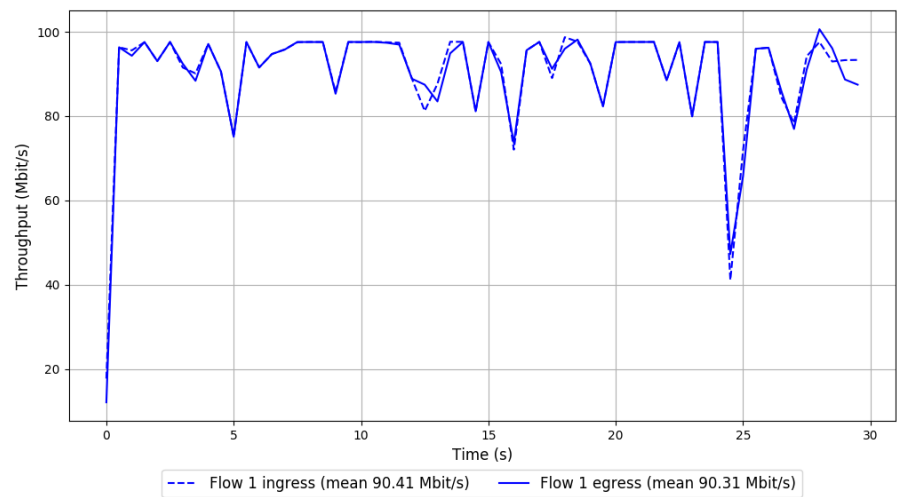
Run 5: Statistics of Verus

Start at: 2018-01-08 20:13:33  
End at: 2018-01-08 20:14:03  
Local clock offset: 2.322 ms  
Remote clock offset: -2.664 ms

# Below is generated by plot.py at 2018-01-09 02:03:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.31 Mbit/s  
95th percentile per-packet one-way delay: 36.708 ms  
Loss rate: 0.31%  
-- Flow 1:  
Average throughput: 90.31 Mbit/s  
95th percentile per-packet one-way delay: 36.708 ms  
Loss rate: 0.31%



Run 5: Report of Verus — Data Link

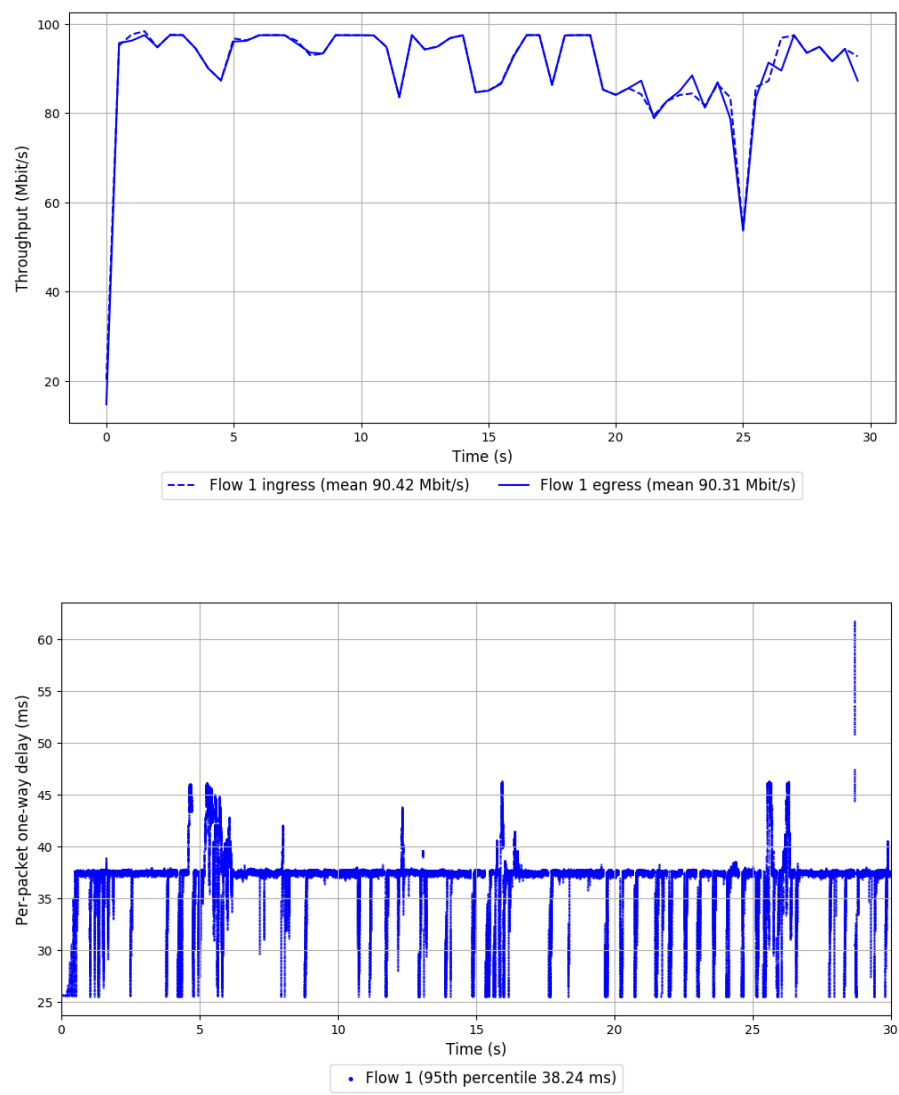


Run 6: Statistics of Verus

Start at: 2018-01-08 20:33:32  
End at: 2018-01-08 20:34:02  
Local clock offset: 2.31 ms  
Remote clock offset: -3.991 ms

# Below is generated by plot.py at 2018-01-09 02:03:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.31 Mbit/s  
95th percentile per-packet one-way delay: 38.241 ms  
Loss rate: 0.32%  
-- Flow 1:  
Average throughput: 90.31 Mbit/s  
95th percentile per-packet one-way delay: 38.241 ms  
Loss rate: 0.32%

Run 6: Report of Verus — Data Link

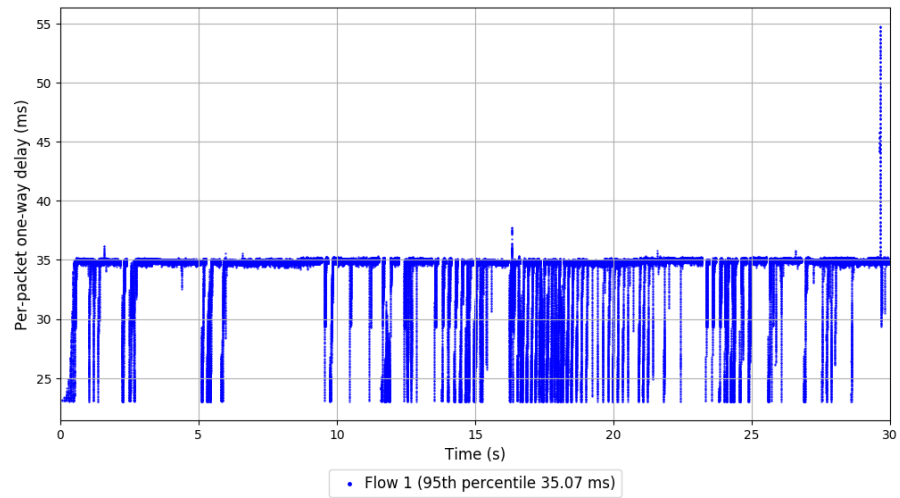
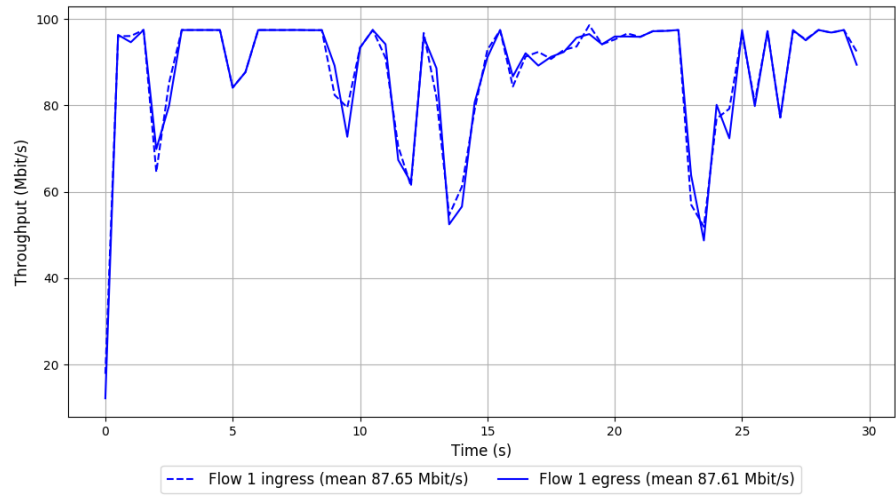


Run 7: Statistics of Verus

Start at: 2018-01-08 20:53:36  
End at: 2018-01-08 20:54:06  
Local clock offset: 3.025 ms  
Remote clock offset: -1.091 ms

# Below is generated by plot.py at 2018-01-09 02:03:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.61 Mbit/s  
95th percentile per-packet one-way delay: 35.069 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 87.61 Mbit/s  
95th percentile per-packet one-way delay: 35.069 ms  
Loss rate: 0.19%

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

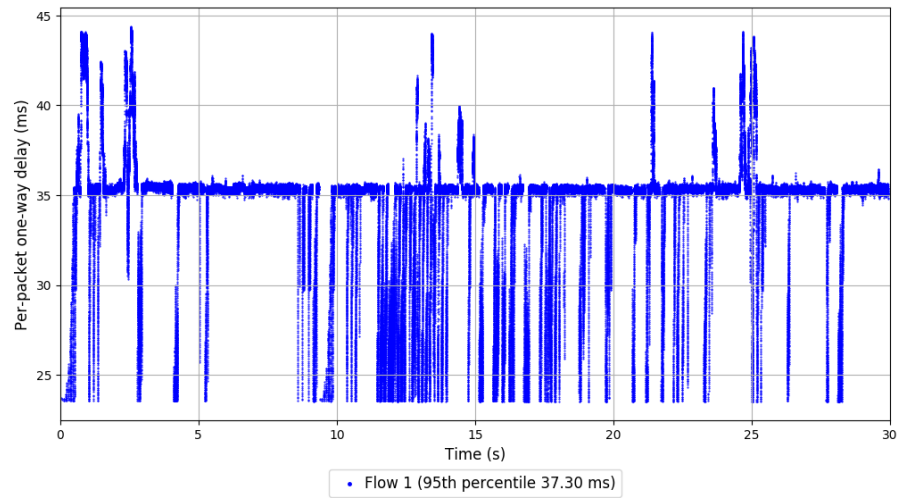
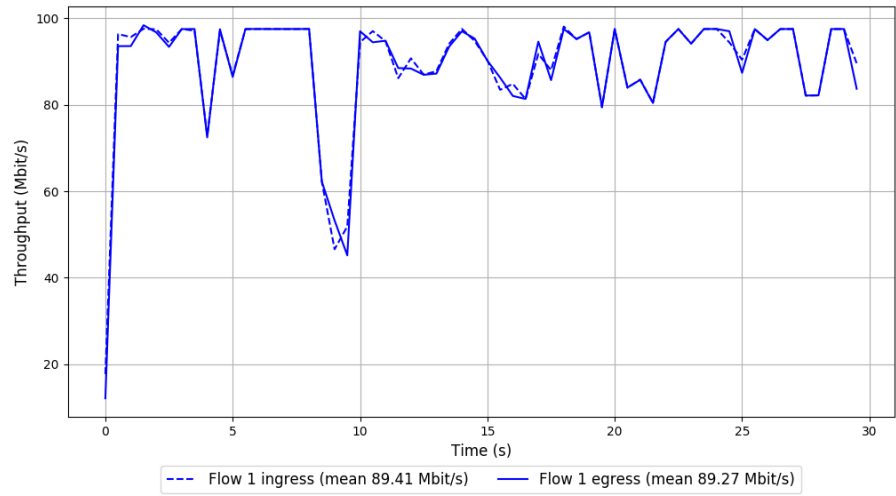


Run 8: Statistics of Verus

Start at: 2018-01-08 21:13:35  
End at: 2018-01-08 21:14:05  
Local clock offset: 2.687 ms  
Remote clock offset: -2.145 ms

# Below is generated by plot.py at 2018-01-09 02:03:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.27 Mbit/s  
95th percentile per-packet one-way delay: 37.298 ms  
Loss rate: 0.35%  
-- Flow 1:  
Average throughput: 89.27 Mbit/s  
95th percentile per-packet one-way delay: 37.298 ms  
Loss rate: 0.35%

## Run 8: Report of Verus — Data Link



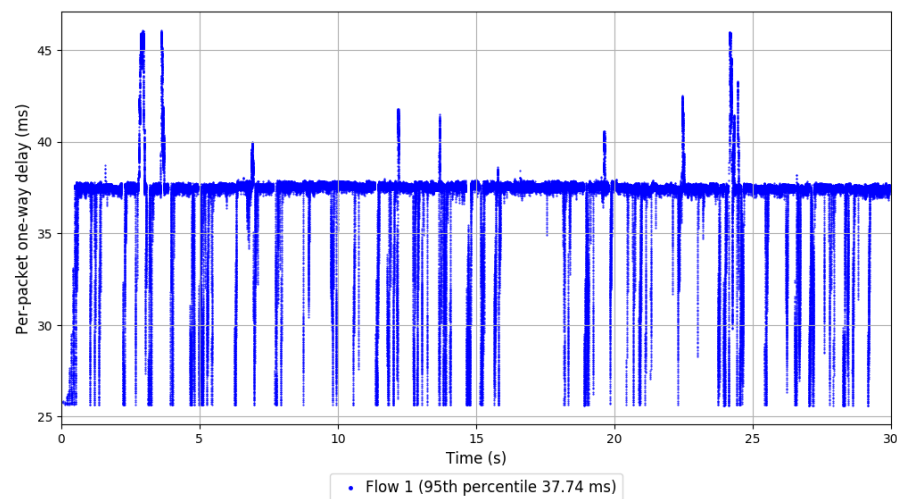
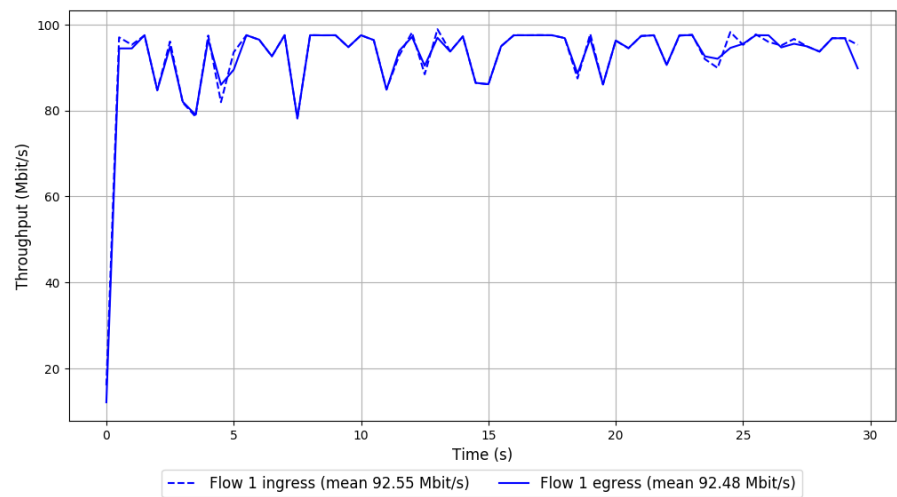
Run 9: Statistics of Verus

Start at: 2018-01-08 21:33:35  
End at: 2018-01-08 21:34:05  
Local clock offset: 3.945 ms  
Remote clock offset: -5.042 ms

# Below is generated by plot.py at 2018-01-09 02:04:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.48 Mbit/s  
95th percentile per-packet one-way delay: 37.736 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 92.48 Mbit/s  
95th percentile per-packet one-way delay: 37.736 ms  
Loss rate: 0.27%



Run 9: Report of Verus — Data Link

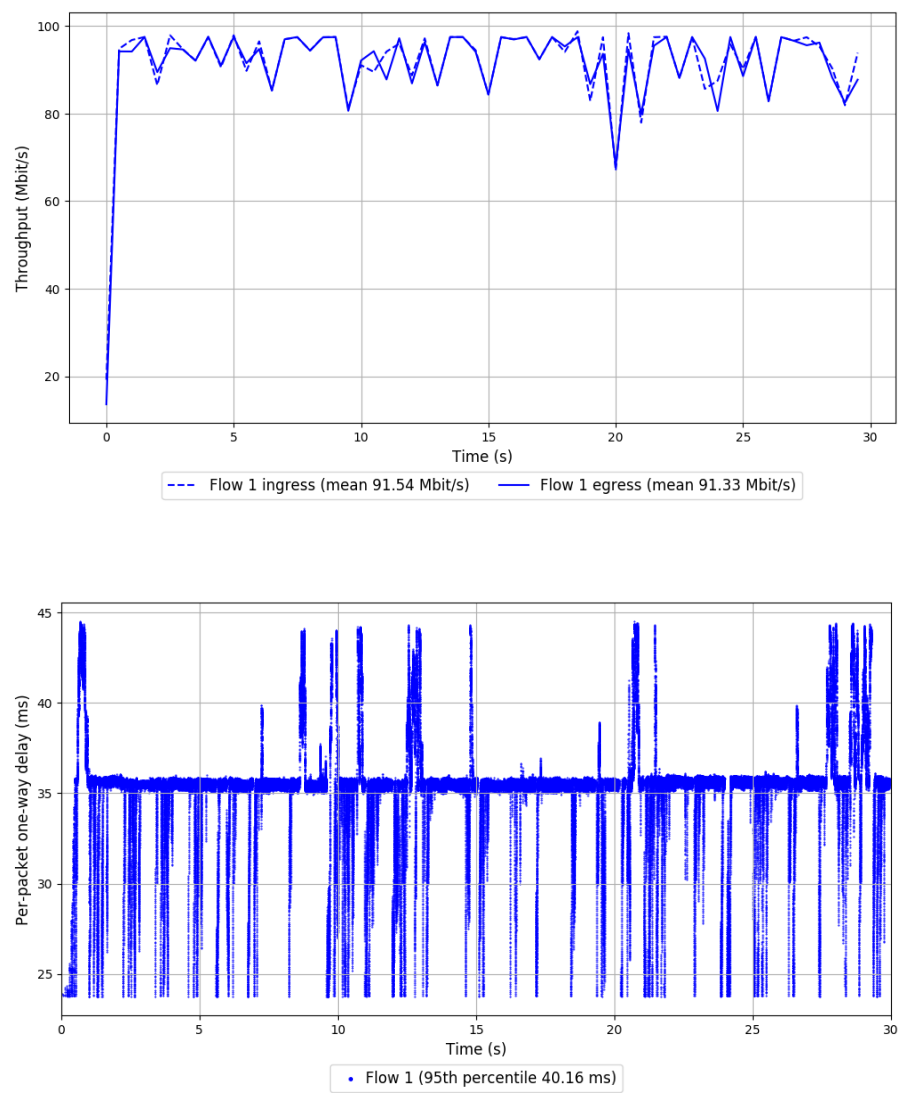


Run 10: Statistics of Verus

Start at: 2018-01-08 21:53:34  
End at: 2018-01-08 21:54:04  
Local clock offset: 3.265 ms  
Remote clock offset: -2.846 ms

# Below is generated by plot.py at 2018-01-09 02:04:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.33 Mbit/s  
95th percentile per-packet one-way delay: 40.158 ms  
Loss rate: 0.42%  
-- Flow 1:  
Average throughput: 91.33 Mbit/s  
95th percentile per-packet one-way delay: 40.158 ms  
Loss rate: 0.42%

Run 10: Report of Verus — Data Link

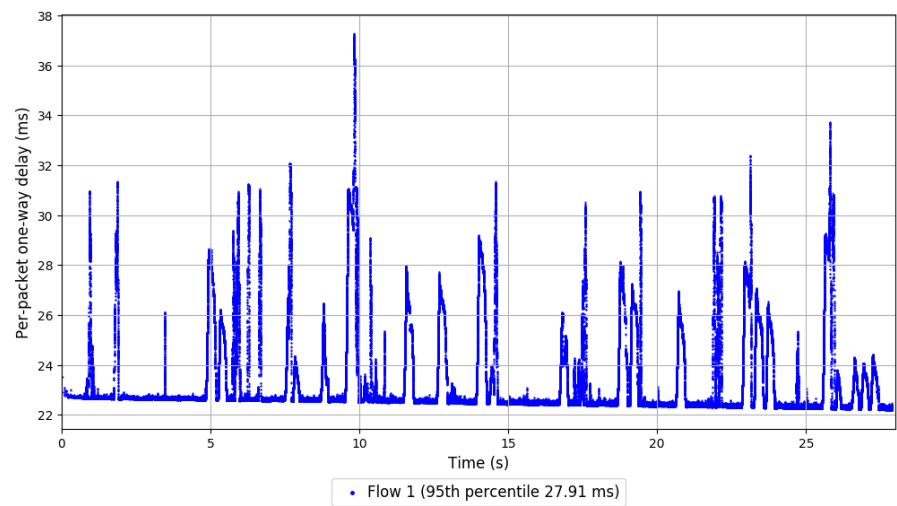
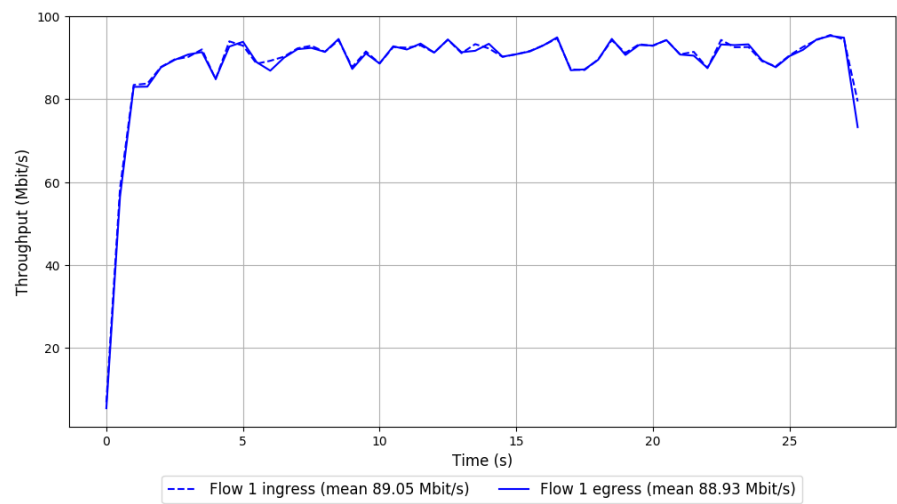


Run 1: Statistics of Copa

Start at: 2018-01-08 19:03:52  
End at: 2018-01-08 19:04:22  
Local clock offset: 26.083 ms  
Remote clock offset: -2.354 ms

# Below is generated by plot.py at 2018-01-09 02:07:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.93 Mbit/s  
95th percentile per-packet one-way delay: 27.909 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 88.93 Mbit/s  
95th percentile per-packet one-way delay: 27.909 ms  
Loss rate: 0.34%

Run 1: Report of Copa — Data Link

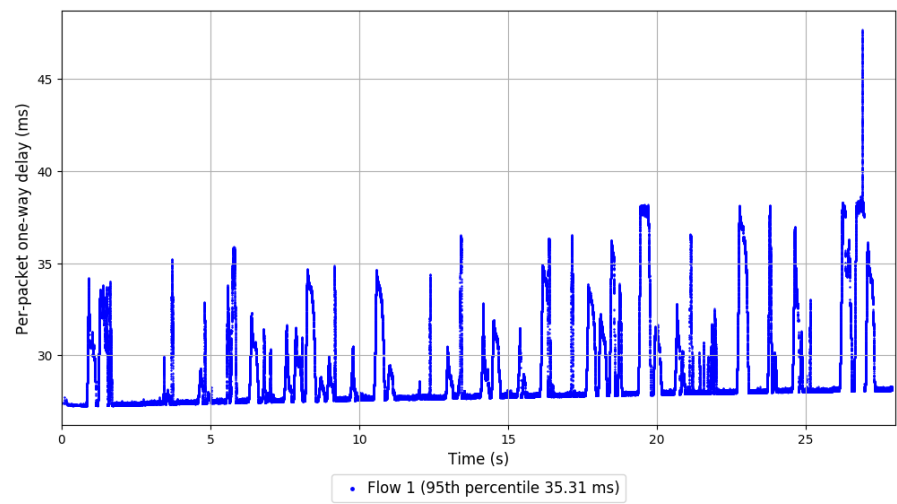
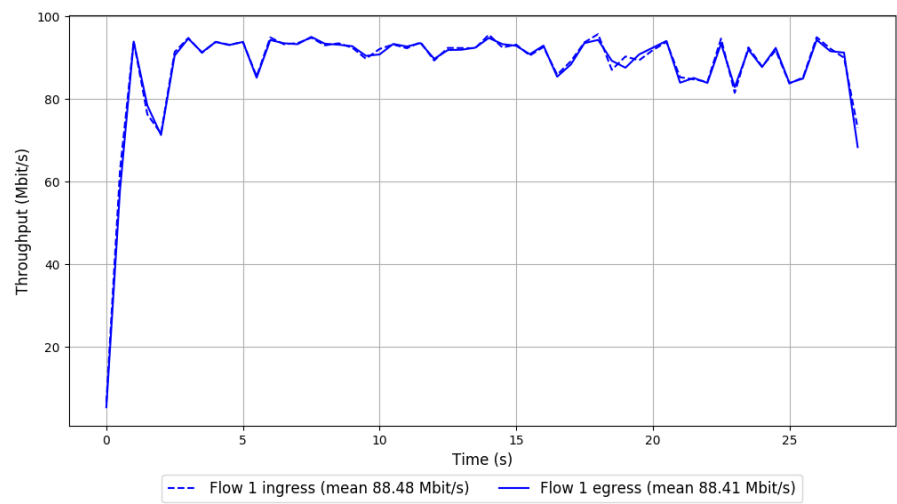


Run 2: Statistics of Copa

Start at: 2018-01-08 19:23:48  
End at: 2018-01-08 19:24:19  
Local clock offset: 16.431 ms  
Remote clock offset: -4.957 ms

# Below is generated by plot.py at 2018-01-09 02:07:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.41 Mbit/s  
95th percentile per-packet one-way delay: 35.310 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 88.41 Mbit/s  
95th percentile per-packet one-way delay: 35.310 ms  
Loss rate: 0.26%

Run 2: Report of Copa — Data Link



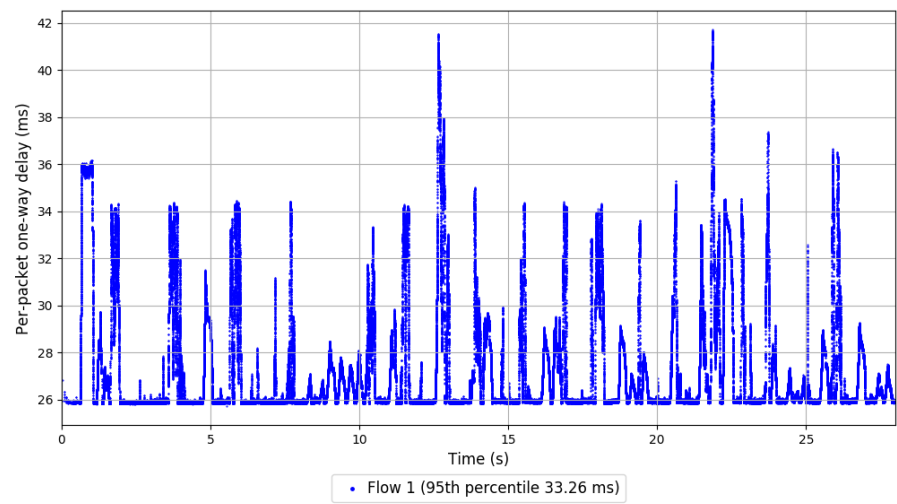
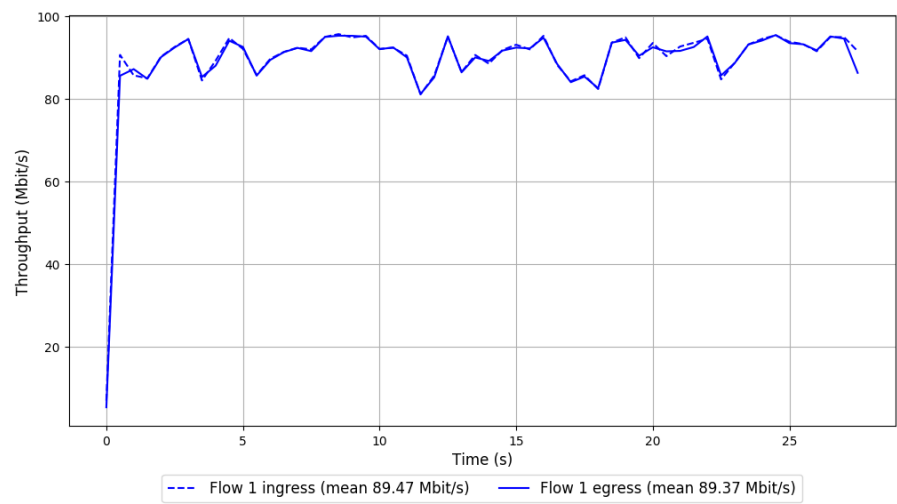
Run 3: Statistics of Copa

Start at: 2018-01-08 19:44:05  
End at: 2018-01-08 19:44:35  
Local clock offset: 5.291 ms  
Remote clock offset: -5.501 ms

# Below is generated by plot.py at 2018-01-09 02:07:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.37 Mbit/s  
95th percentile per-packet one-way delay: 33.263 ms  
Loss rate: 0.31%  
-- Flow 1:  
Average throughput: 89.37 Mbit/s  
95th percentile per-packet one-way delay: 33.263 ms  
Loss rate: 0.31%



Run 3: Report of Copa — Data Link

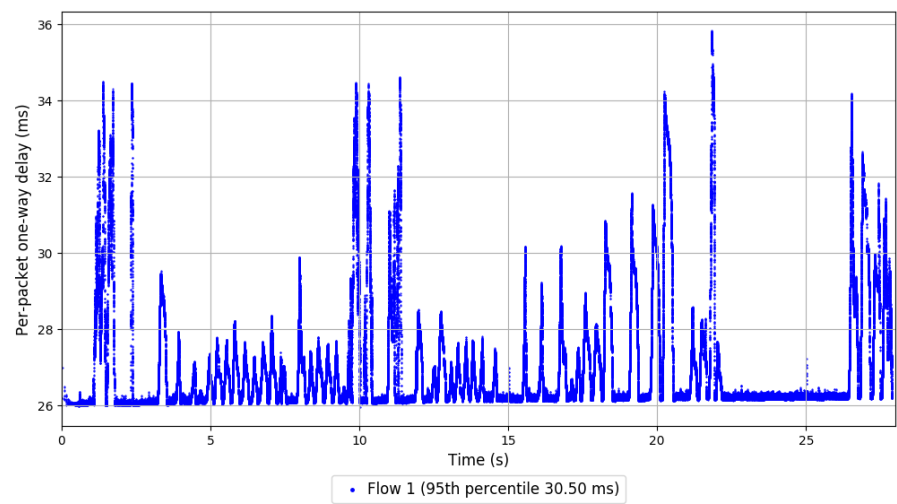
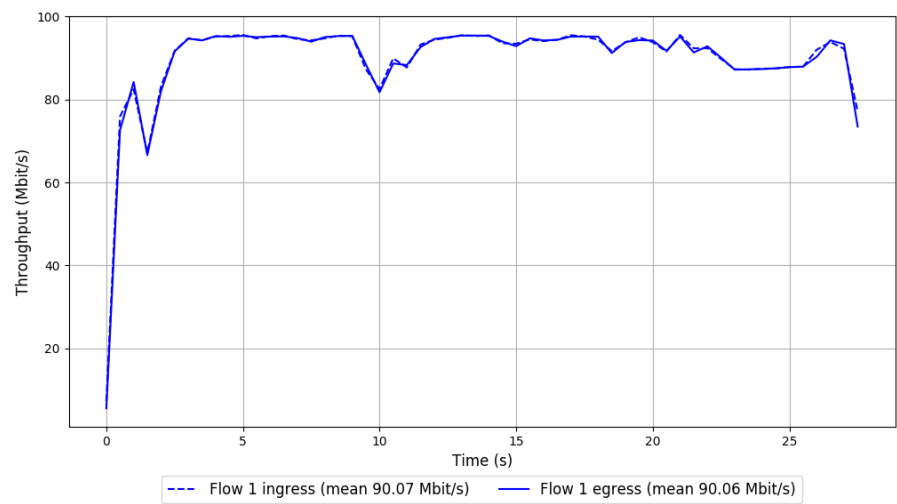


Run 4: Statistics of Copa

Start at: 2018-01-08 20:04:16  
End at: 2018-01-08 20:04:46  
Local clock offset: 3.071 ms  
Remote clock offset: -5.136 ms

# Below is generated by plot.py at 2018-01-09 02:08:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.06 Mbit/s  
95th percentile per-packet one-way delay: 30.498 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 90.06 Mbit/s  
95th percentile per-packet one-way delay: 30.498 ms  
Loss rate: 0.21%

Run 4: Report of Copa — Data Link

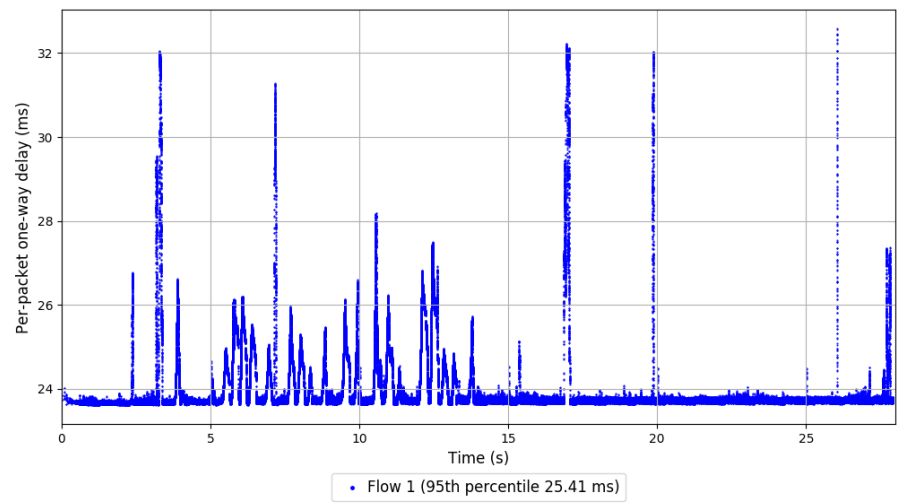
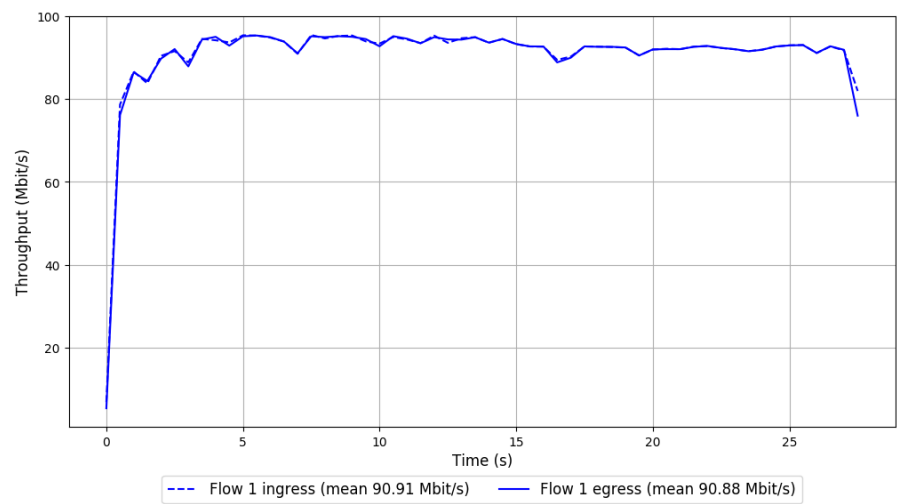


Run 5: Statistics of Copa

Start at: 2018-01-08 20:24:14  
End at: 2018-01-08 20:24:44  
Local clock offset: 2.078 ms  
Remote clock offset: -2.118 ms

# Below is generated by plot.py at 2018-01-09 02:08:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.88 Mbit/s  
95th percentile per-packet one-way delay: 25.405 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 90.88 Mbit/s  
95th percentile per-packet one-way delay: 25.405 ms  
Loss rate: 0.23%

Run 5: Report of Copa — Data Link

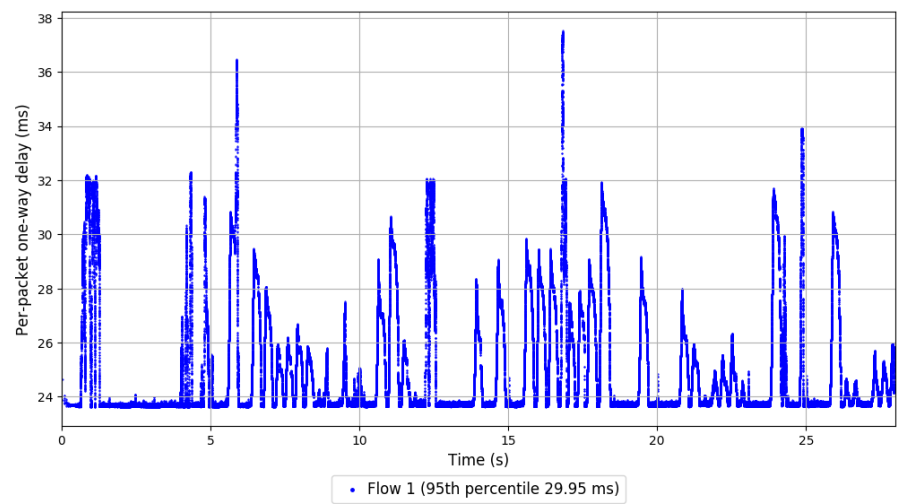
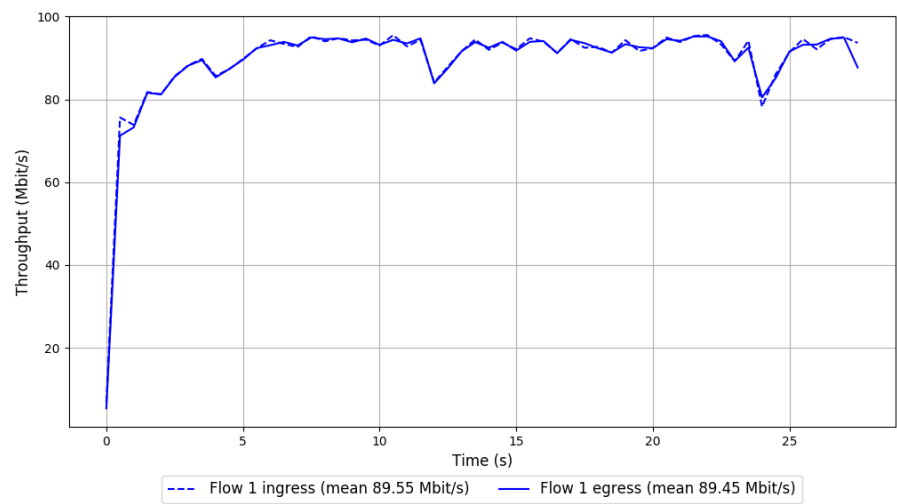


Run 6: Statistics of Copa

Start at: 2018-01-08 20:44:15  
End at: 2018-01-08 20:44:45  
Local clock offset: 2.79 ms  
Remote clock offset: -1.711 ms

# Below is generated by plot.py at 2018-01-09 02:08:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.45 Mbit/s  
95th percentile per-packet one-way delay: 29.952 ms  
Loss rate: 0.30%  
-- Flow 1:  
Average throughput: 89.45 Mbit/s  
95th percentile per-packet one-way delay: 29.952 ms  
Loss rate: 0.30%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-01-08 21:04:20

End at: 2018-01-08 21:04:50

Local clock offset: 2.51 ms

Remote clock offset: -3.94 ms

# Below is generated by plot.py at 2018-01-09 02:08:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.10 Mbit/s

95th percentile per-packet one-way delay: 29.652 ms

Loss rate: 0.24%

-- Flow 1:

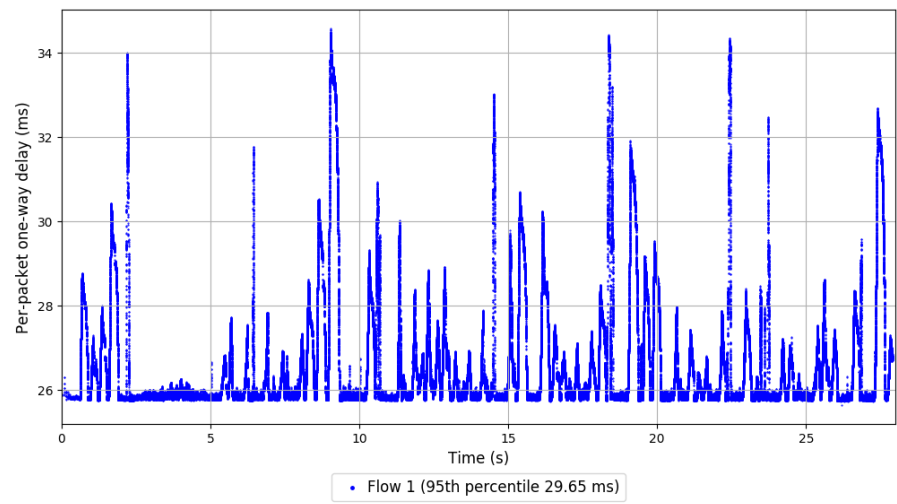
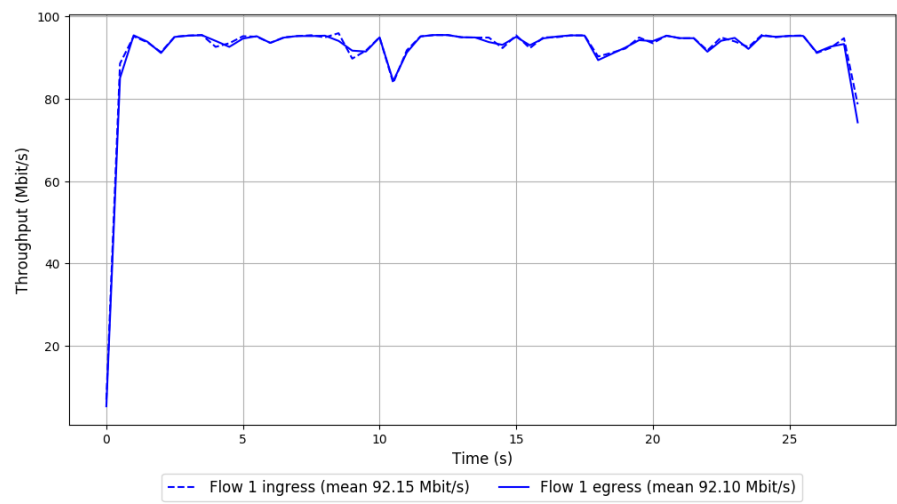
Average throughput: 92.10 Mbit/s

95th percentile per-packet one-way delay: 29.652 ms

Loss rate: 0.24%



Run 7: Report of Copa — Data Link

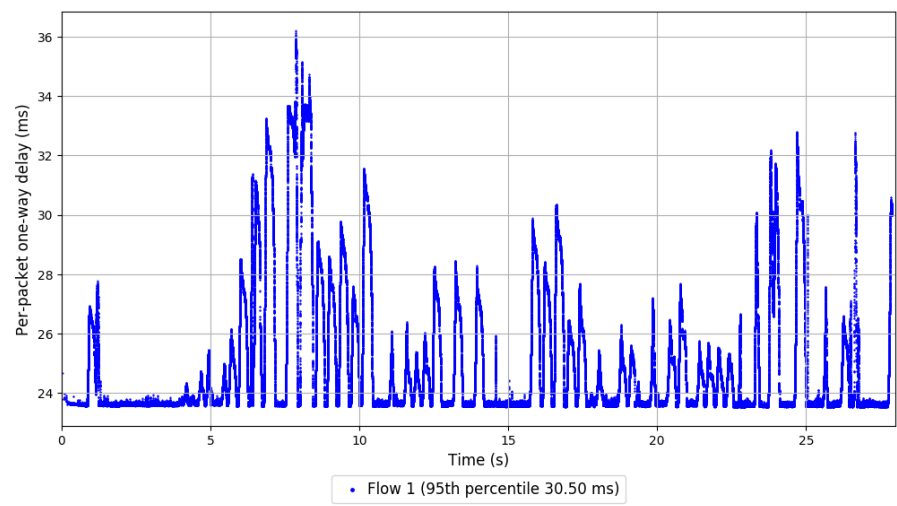
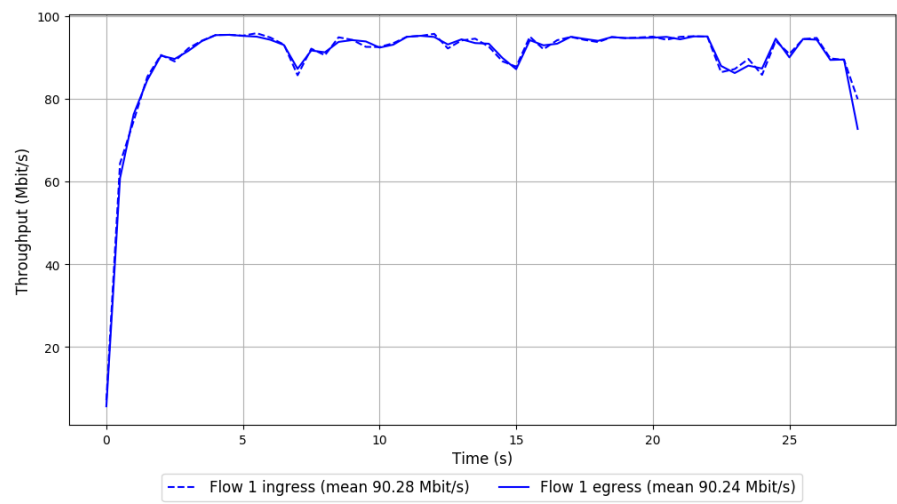


Run 8: Statistics of Copa

Start at: 2018-01-08 21:24:20  
End at: 2018-01-08 21:24:50  
Local clock offset: 3.289 ms  
Remote clock offset: -2.743 ms

# Below is generated by plot.py at 2018-01-09 02:08:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.24 Mbit/s  
95th percentile per-packet one-way delay: 30.496 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 90.24 Mbit/s  
95th percentile per-packet one-way delay: 30.496 ms  
Loss rate: 0.25%

Run 8: Report of Copa — Data Link

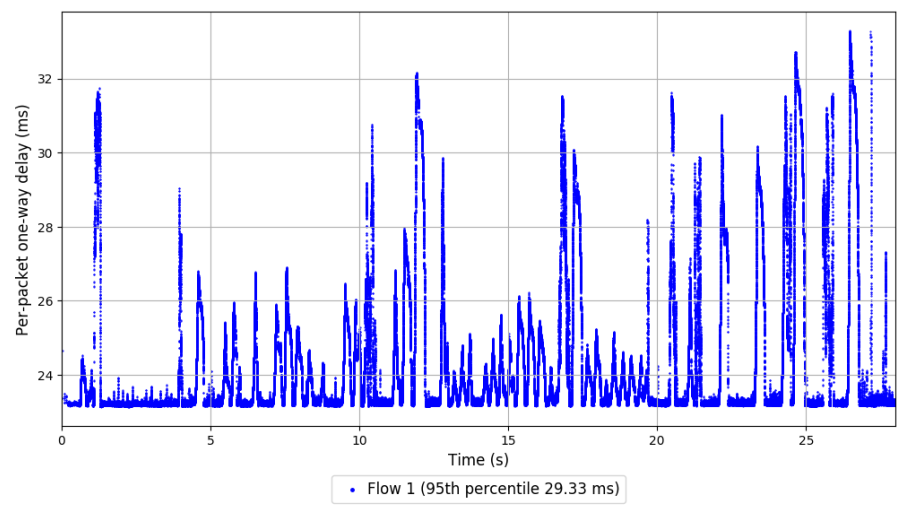
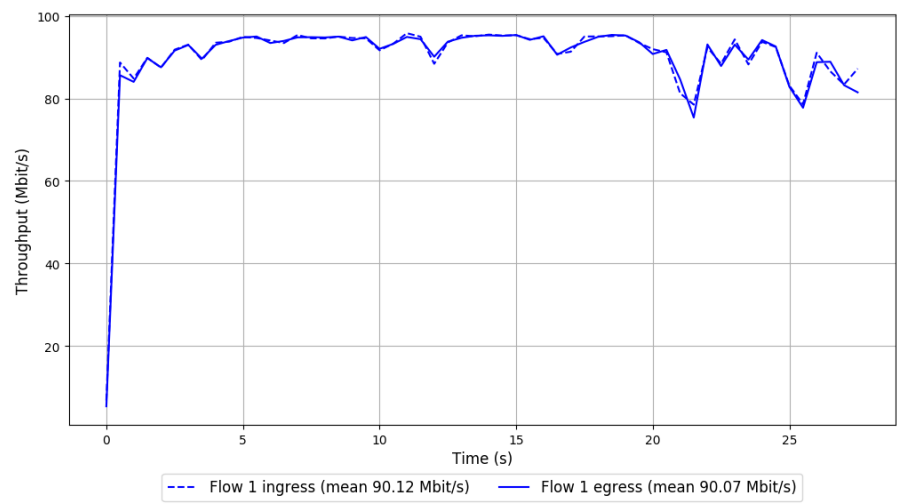


Run 9: Statistics of Copa

Start at: 2018-01-08 21:44:17  
End at: 2018-01-08 21:44:47  
Local clock offset: 3.327 ms  
Remote clock offset: -2.623 ms

# Below is generated by plot.py at 2018-01-09 02:12:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.07 Mbit/s  
95th percentile per-packet one-way delay: 29.328 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 90.07 Mbit/s  
95th percentile per-packet one-way delay: 29.328 ms  
Loss rate: 0.25%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-01-08 22:04:18

End at: 2018-01-08 22:04:48

Local clock offset: 2.672 ms

Remote clock offset: -2.25 ms

# Below is generated by plot.py at 2018-01-09 02:12:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.68 Mbit/s

95th percentile per-packet one-way delay: 29.948 ms

Loss rate: 0.40%

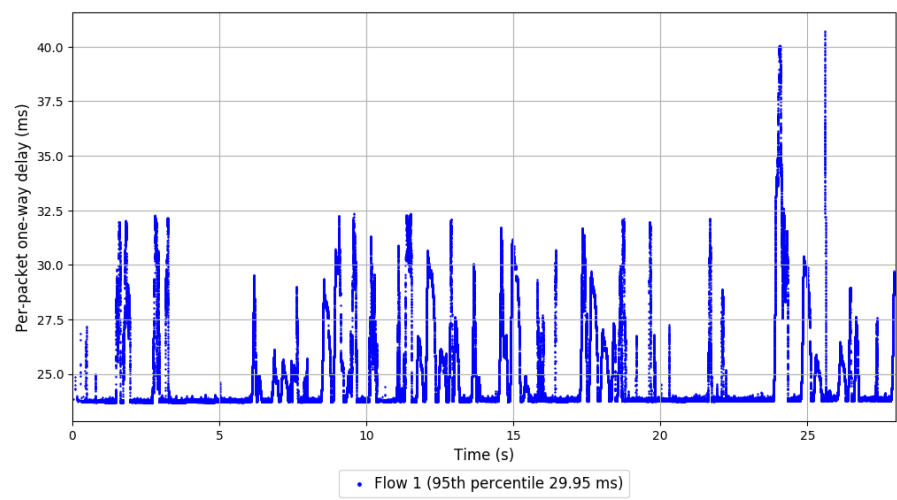
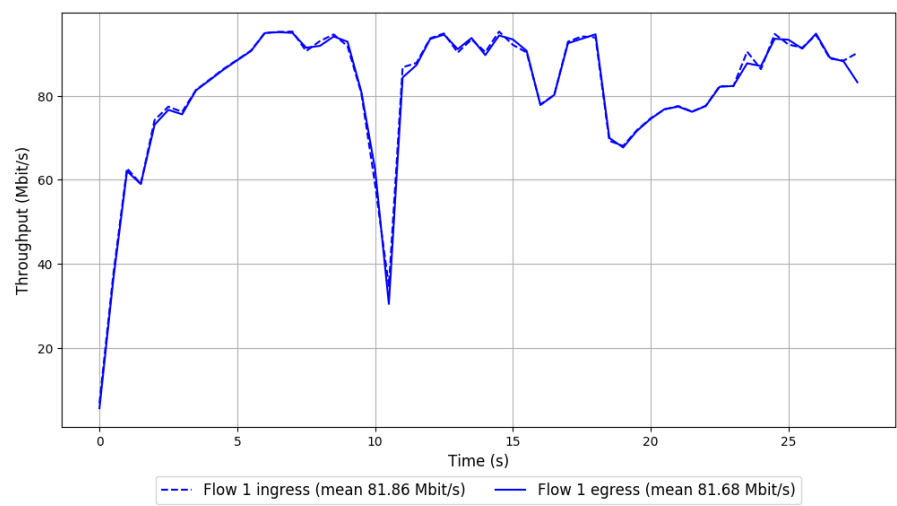
-- Flow 1:

Average throughput: 81.68 Mbit/s

95th percentile per-packet one-way delay: 29.948 ms

Loss rate: 0.40%

Run 10: Report of Copa — Data Link



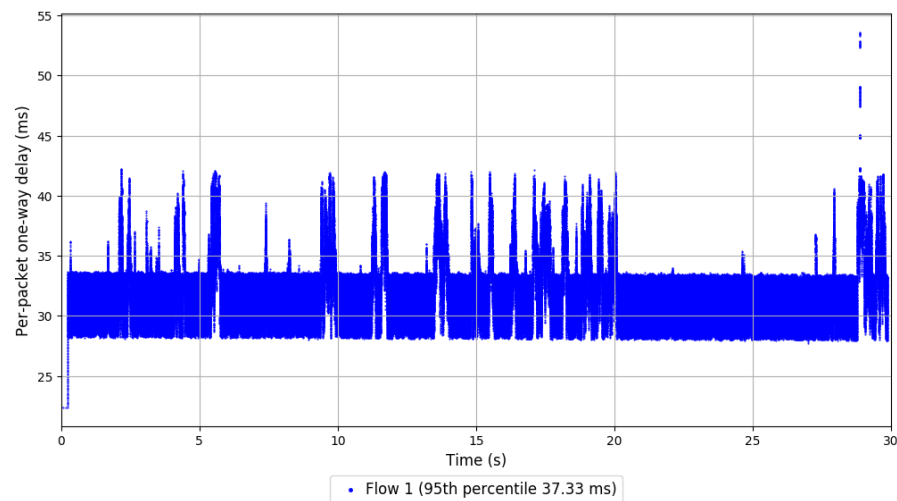
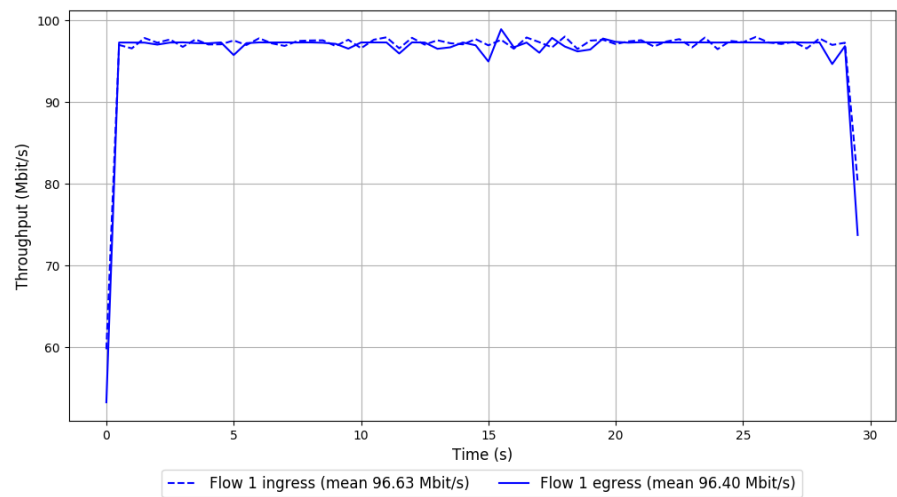
```
Run 1: Statistics of FillP

Start at: 2018-01-08 18:55:51
End at: 2018-01-08 18:56:21
Local clock offset: 31.07 ms
Remote clock offset: -2.32 ms

# Below is generated by plot.py at 2018-01-09 02:12:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.40 Mbit/s
95th percentile per-packet one-way delay: 37.333 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 96.40 Mbit/s
95th percentile per-packet one-way delay: 37.333 ms
Loss rate: 0.44%
```



Run 1: Report of FillP — Data Link

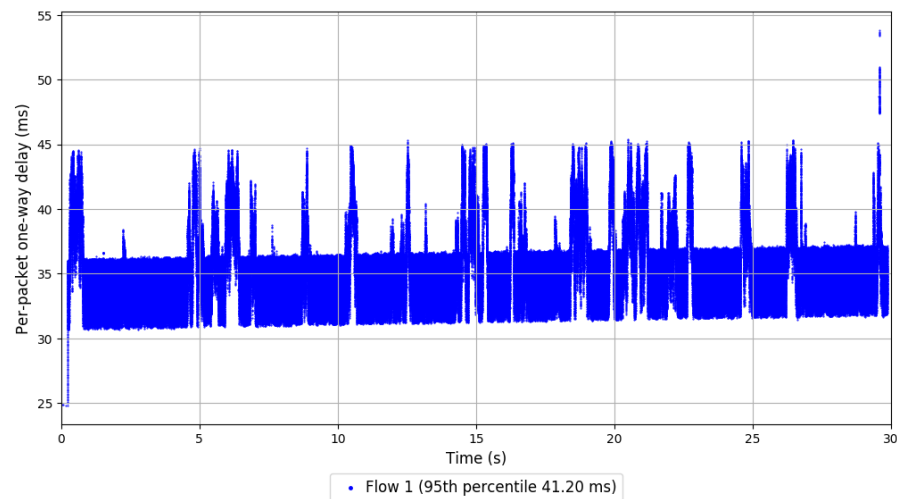
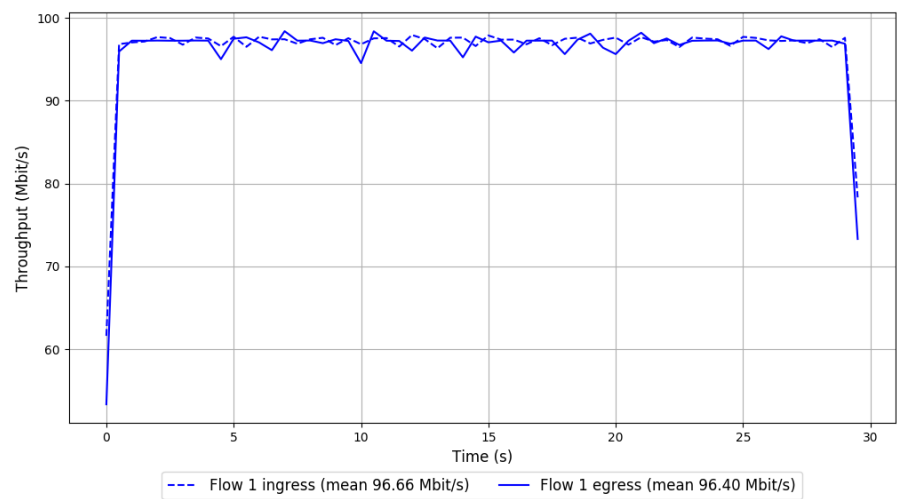


Run 2: Statistics of FillP

Start at: 2018-01-08 19:15:46  
End at: 2018-01-08 19:16:16  
Local clock offset: 22.8 ms  
Remote clock offset: -2.313 ms

# Below is generated by plot.py at 2018-01-09 02:12:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.40 Mbit/s  
95th percentile per-packet one-way delay: 41.201 ms  
Loss rate: 0.45%  
-- Flow 1:  
Average throughput: 96.40 Mbit/s  
95th percentile per-packet one-way delay: 41.201 ms  
Loss rate: 0.45%

Run 2: Report of FillP — Data Link

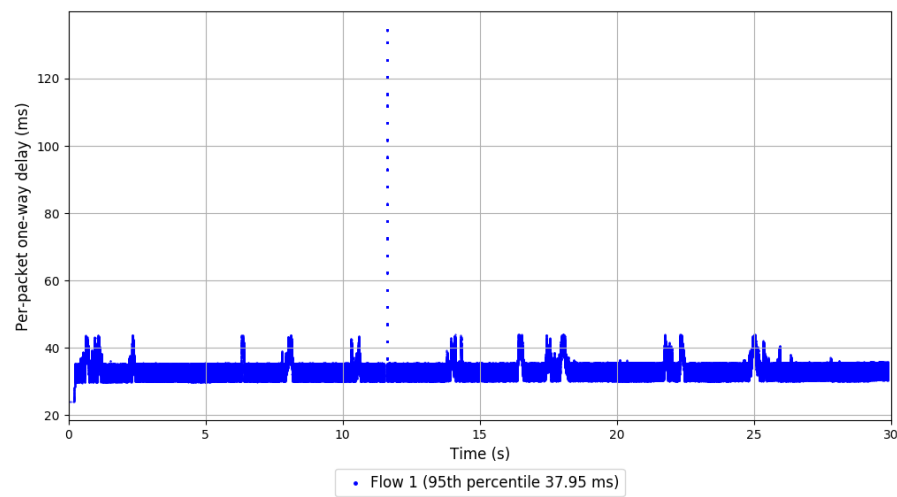
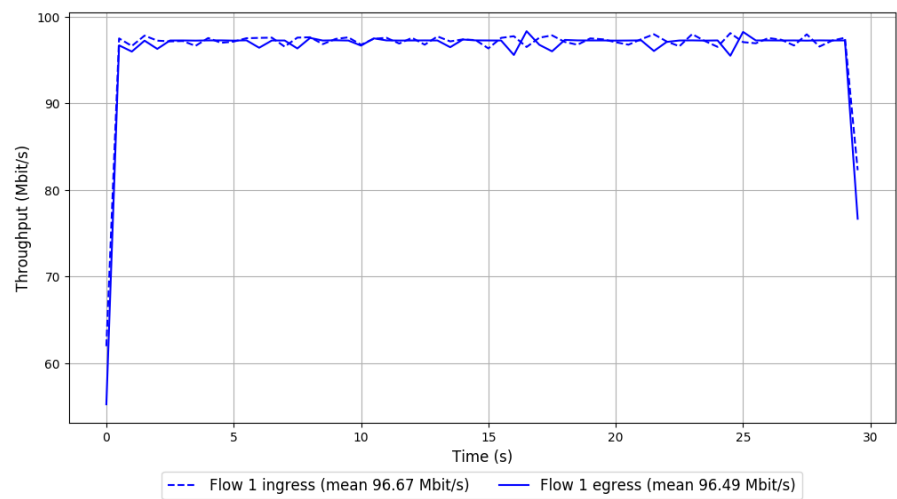


Run 3: Statistics of FillP

Start at: 2018-01-08 19:35:49  
End at: 2018-01-08 19:36:19  
Local clock offset: 8.887 ms  
Remote clock offset: -3.266 ms

# Below is generated by plot.py at 2018-01-09 02:12:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.49 Mbit/s  
95th percentile per-packet one-way delay: 37.954 ms  
Loss rate: 0.38%  
-- Flow 1:  
Average throughput: 96.49 Mbit/s  
95th percentile per-packet one-way delay: 37.954 ms  
Loss rate: 0.38%

Run 3: Report of FillP — Data Link

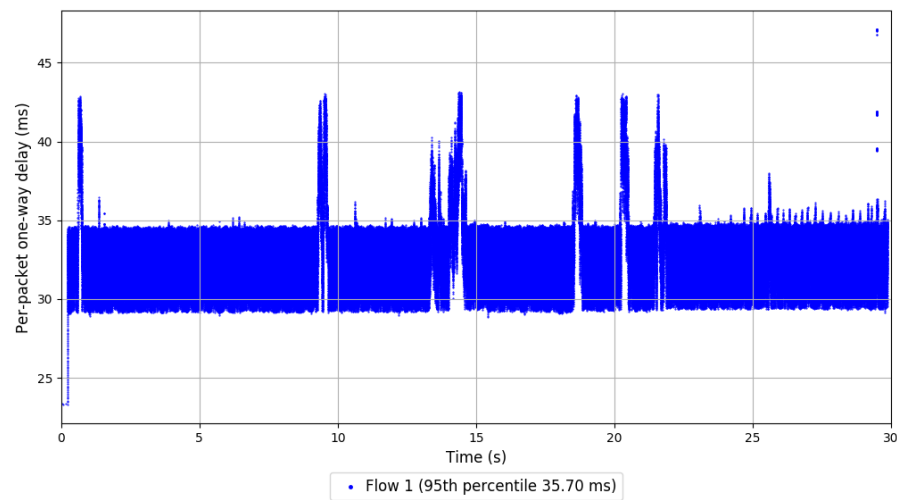
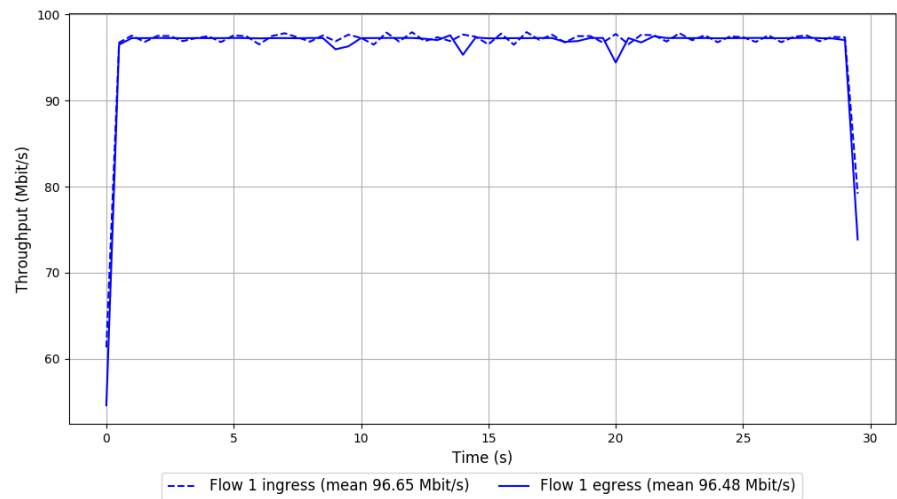


Run 4: Statistics of FillP

Start at: 2018-01-08 19:56:06  
End at: 2018-01-08 19:56:36  
Local clock offset: 3.761 ms  
Remote clock offset: -2.966 ms

# Below is generated by plot.py at 2018-01-09 02:12:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.48 Mbit/s  
95th percentile per-packet one-way delay: 35.703 ms  
Loss rate: 0.36%  
-- Flow 1:  
Average throughput: 96.48 Mbit/s  
95th percentile per-packet one-way delay: 35.703 ms  
Loss rate: 0.36%

Run 4: Report of FillP — Data Link



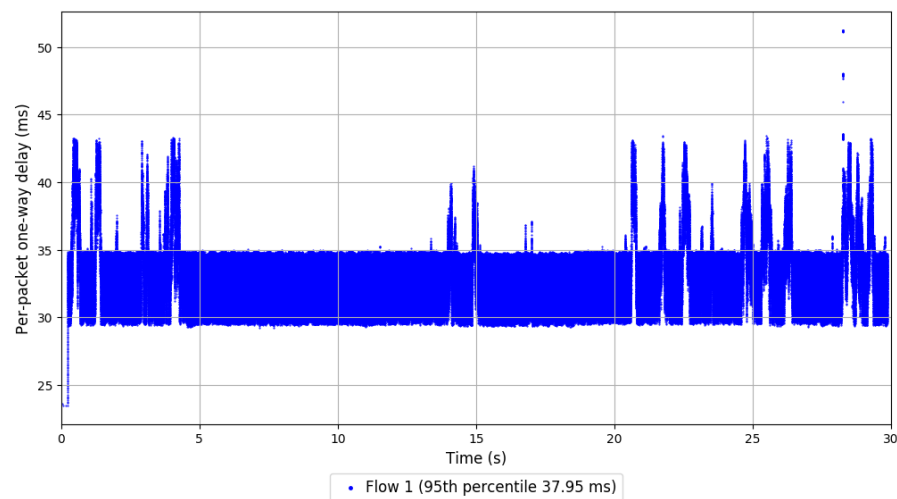
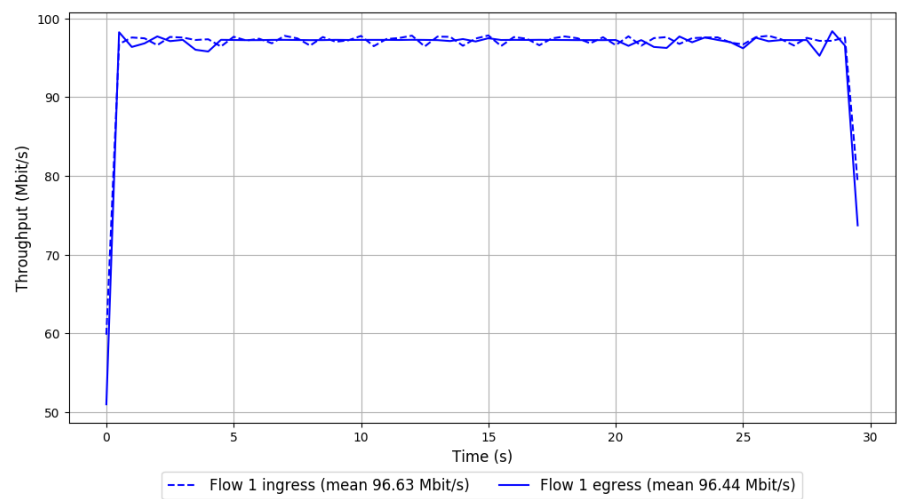
Run 5: Statistics of FillP

Start at: 2018-01-08 20:16:12  
End at: 2018-01-08 20:16:42  
Local clock offset: 2.367 ms  
Remote clock offset: -2.502 ms

# Below is generated by plot.py at 2018-01-09 02:12:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.44 Mbit/s  
95th percentile per-packet one-way delay: 37.952 ms  
Loss rate: 0.38%  
-- Flow 1:  
Average throughput: 96.44 Mbit/s  
95th percentile per-packet one-way delay: 37.952 ms  
Loss rate: 0.38%



Run 5: Report of FillP — Data Link

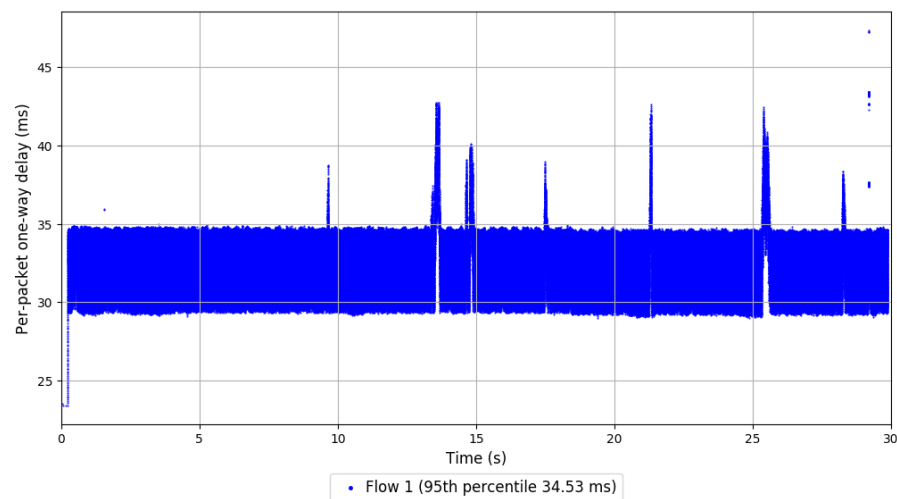
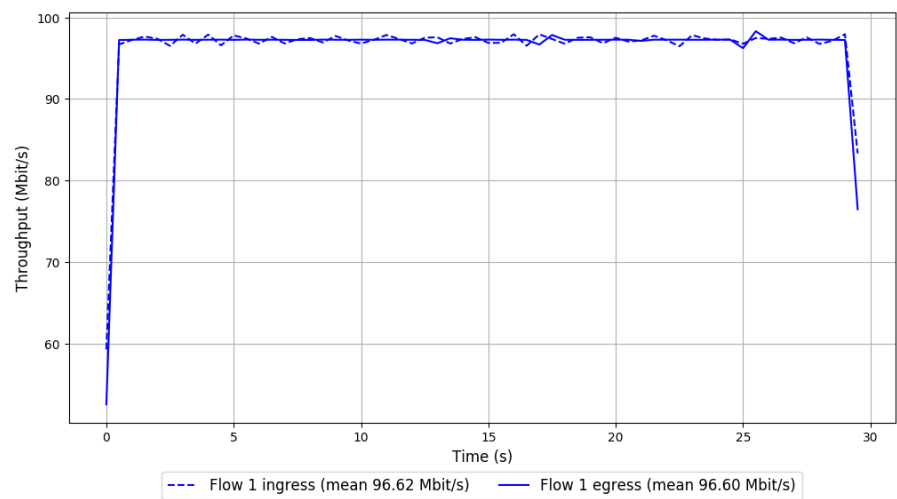


Run 6: Statistics of FillP

Start at: 2018-01-08 20:36:10  
End at: 2018-01-08 20:36:40  
Local clock offset: 2.649 ms  
Remote clock offset: -1.856 ms

# Below is generated by plot.py at 2018-01-09 02:12:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.60 Mbit/s  
95th percentile per-packet one-way delay: 34.528 ms  
Loss rate: 0.24%  
-- Flow 1:  
Average throughput: 96.60 Mbit/s  
95th percentile per-packet one-way delay: 34.528 ms  
Loss rate: 0.24%

Run 6: Report of FillP — Data Link

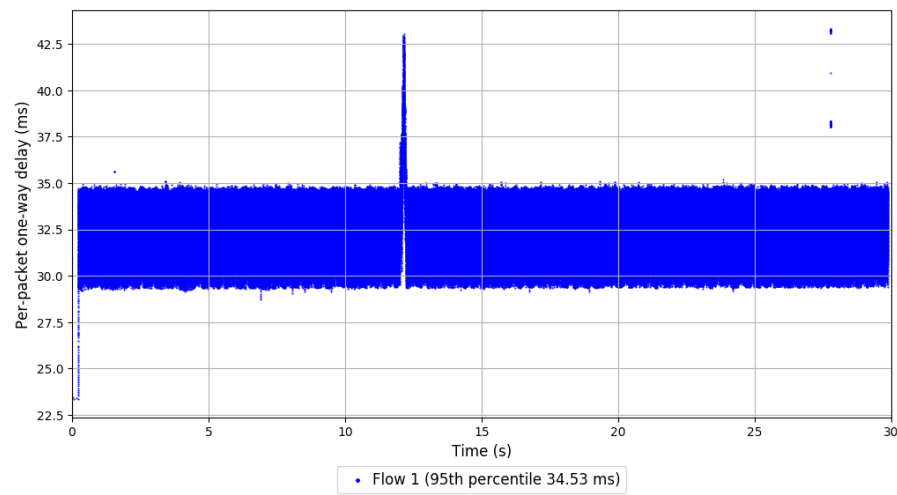
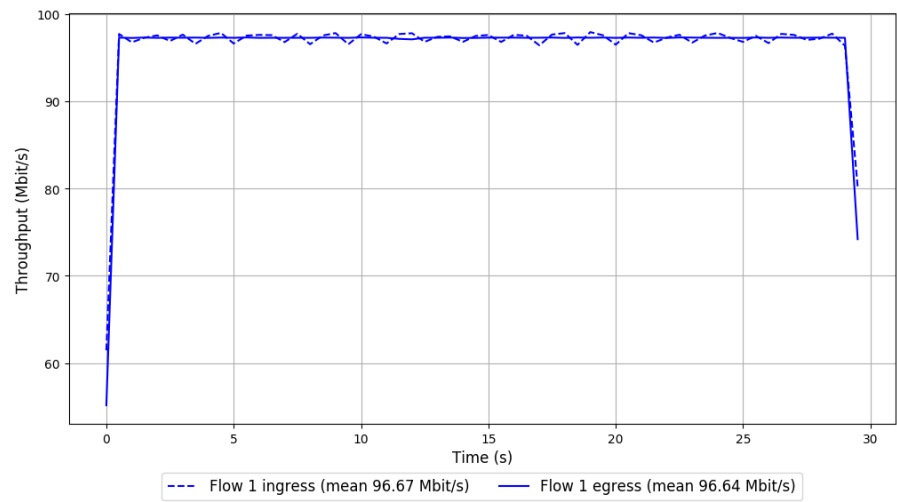


Run 7: Statistics of FillP

Start at: 2018-01-08 20:56:17  
End at: 2018-01-08 20:56:47  
Local clock offset: 2.955 ms  
Remote clock offset: -1.585 ms

# Below is generated by plot.py at 2018-01-09 02:14:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.64 Mbit/s  
95th percentile per-packet one-way delay: 34.532 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 96.64 Mbit/s  
95th percentile per-packet one-way delay: 34.532 ms  
Loss rate: 0.21%

Run 7: Report of FillP — Data Link

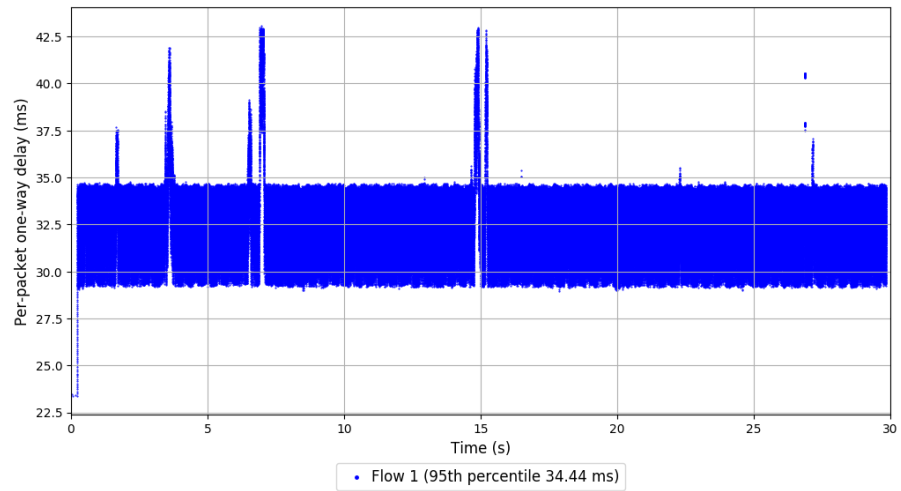
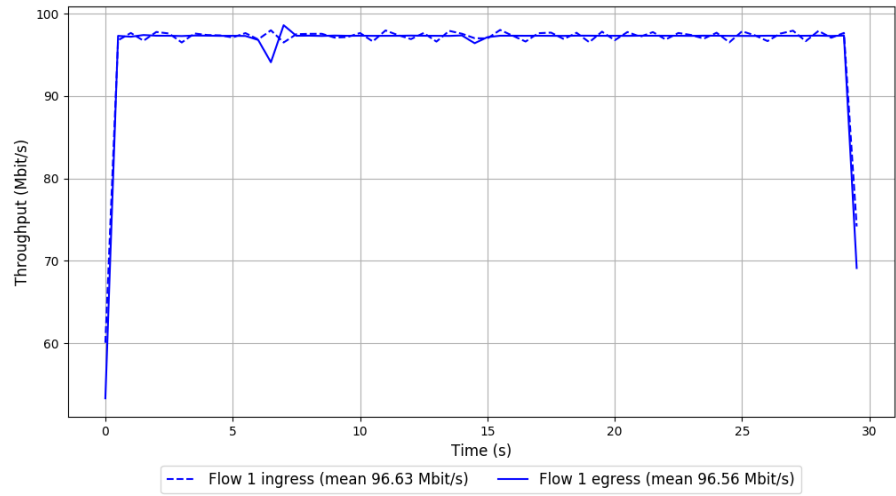


Run 8: Statistics of FillP

Start at: 2018-01-08 21:16:14  
End at: 2018-01-08 21:16:44  
Local clock offset: 2.714 ms  
Remote clock offset: -2.268 ms

# Below is generated by plot.py at 2018-01-09 02:14:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.56 Mbit/s  
95th percentile per-packet one-way delay: 34.436 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 96.56 Mbit/s  
95th percentile per-packet one-way delay: 34.436 ms  
Loss rate: 0.26%

## Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-01-08 21:36:13

End at: 2018-01-08 21:36:43

Local clock offset: 3.951 ms

Remote clock offset: -5.13 ms

# Below is generated by plot.py at 2018-01-09 02:14:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.57 Mbit/s

95th percentile per-packet one-way delay: 36.840 ms

Loss rate: 0.27%

-- Flow 1:

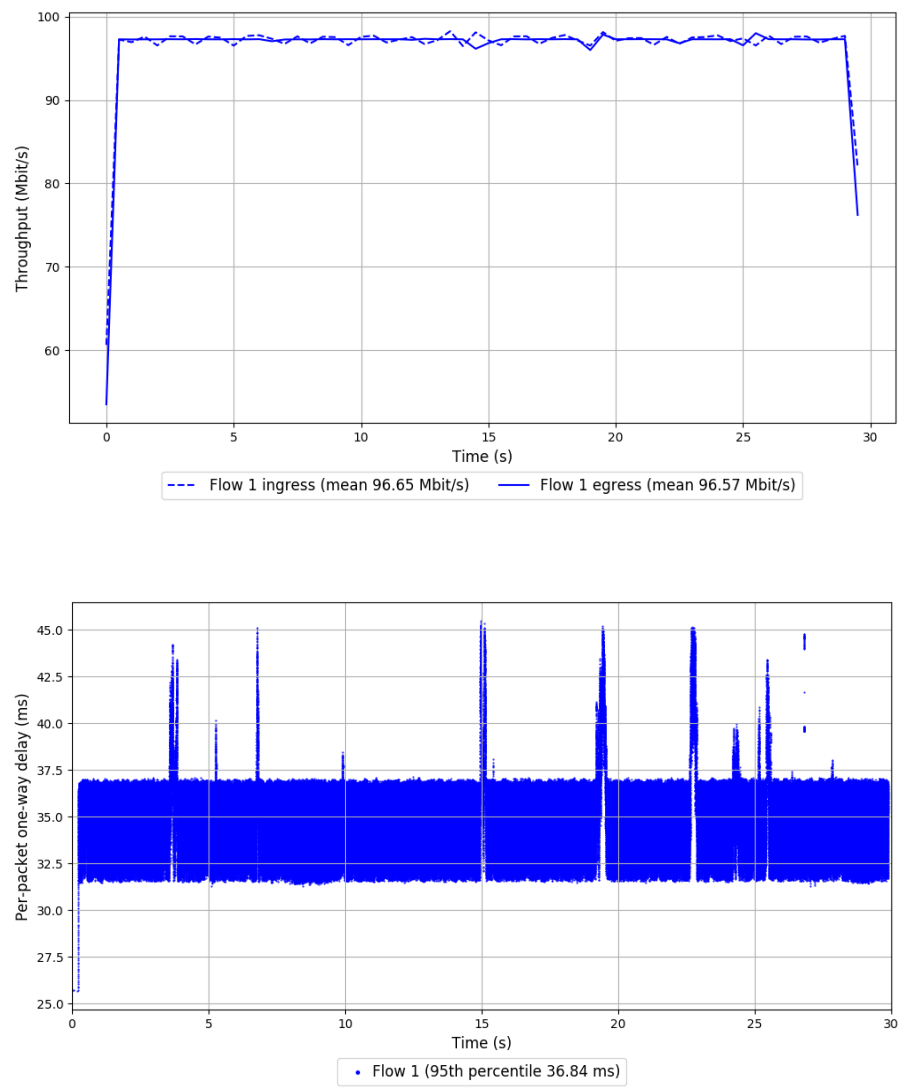
Average throughput: 96.57 Mbit/s

95th percentile per-packet one-way delay: 36.840 ms

Loss rate: 0.27%



Run 9: Report of FillP — Data Link

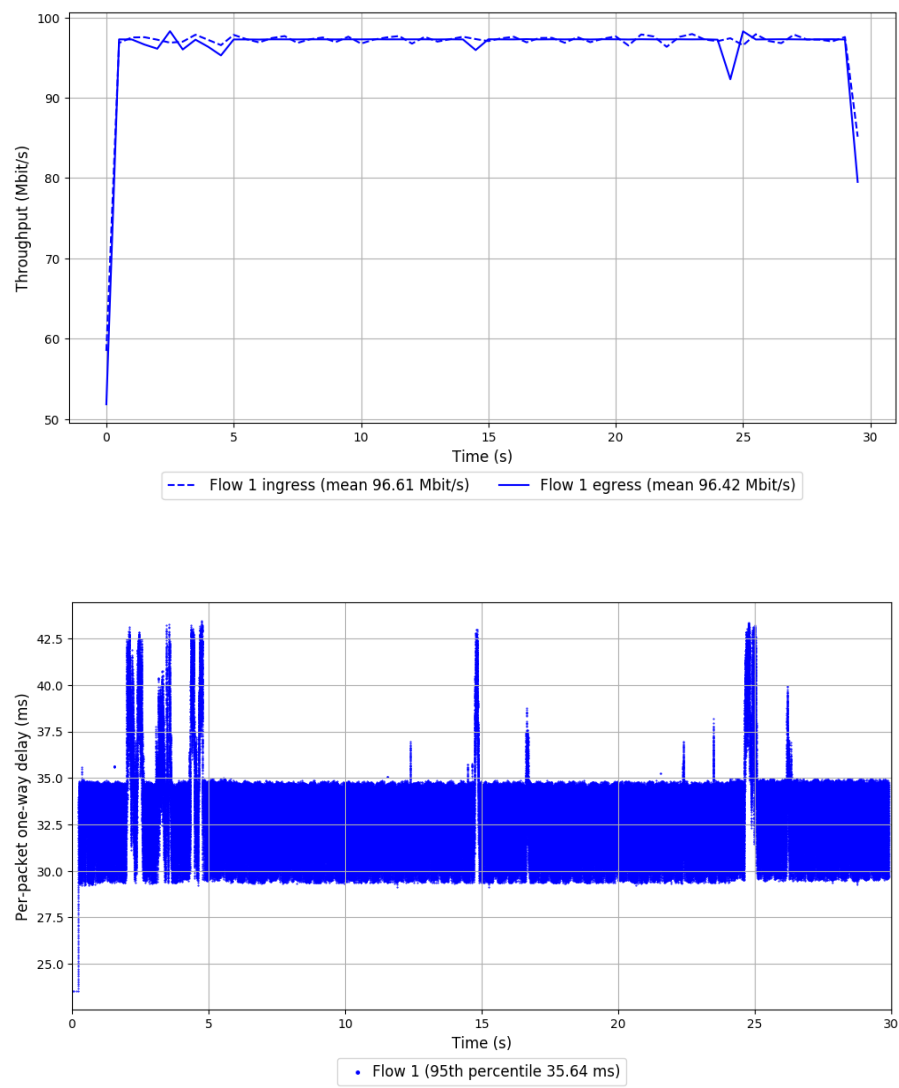


Run 10: Statistics of FillP

Start at: 2018-01-08 21:56:12  
End at: 2018-01-08 21:56:42  
Local clock offset: 3.273 ms  
Remote clock offset: -2.661 ms

# Below is generated by plot.py at 2018-01-09 02:14:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.42 Mbit/s  
95th percentile per-packet one-way delay: 35.639 ms  
Loss rate: 0.39%  
-- Flow 1:  
Average throughput: 96.42 Mbit/s  
95th percentile per-packet one-way delay: 35.639 ms  
Loss rate: 0.39%

Run 10: Report of FillP — Data Link

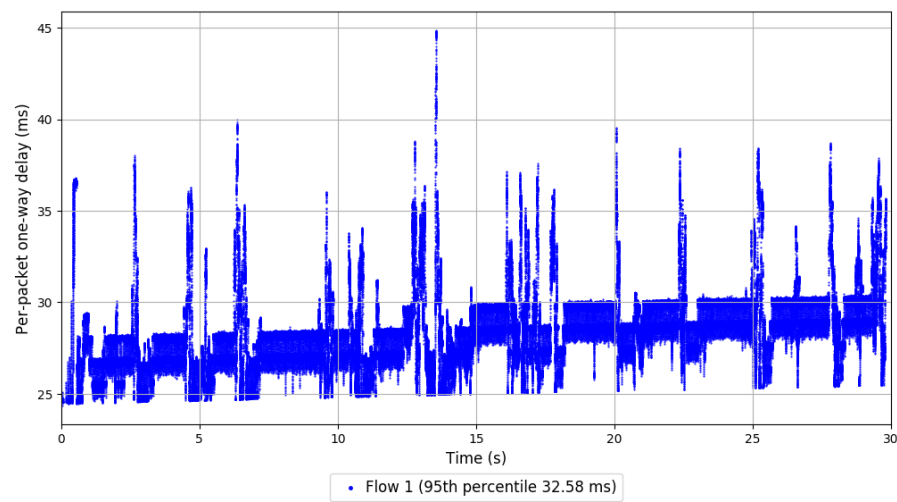
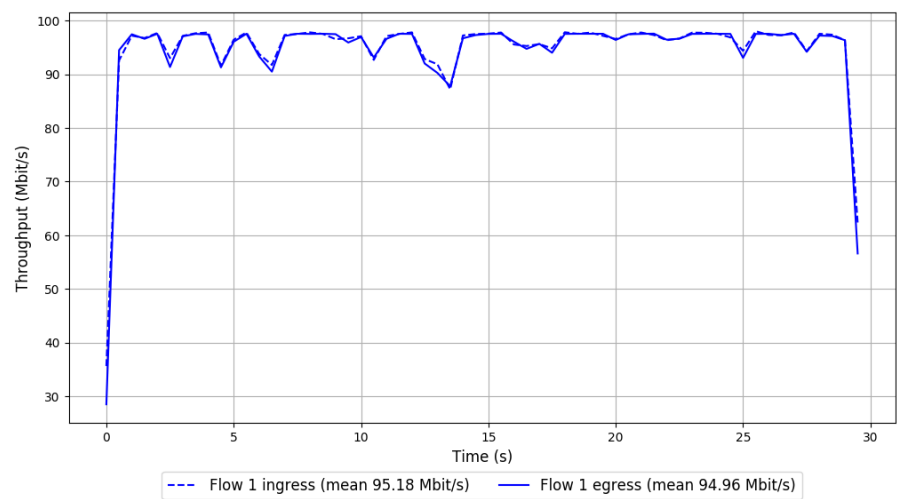


```
Run 1: Statistics of Indigo

Start at: 2018-01-08 18:59:49
End at: 2018-01-08 19:00:19
Local clock offset: 29.685 ms
Remote clock offset: -2.422 ms

# Below is generated by plot.py at 2018-01-09 02:14:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 32.576 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 32.576 ms
Loss rate: 0.40%
```

Run 1: Report of Indigo — Data Link

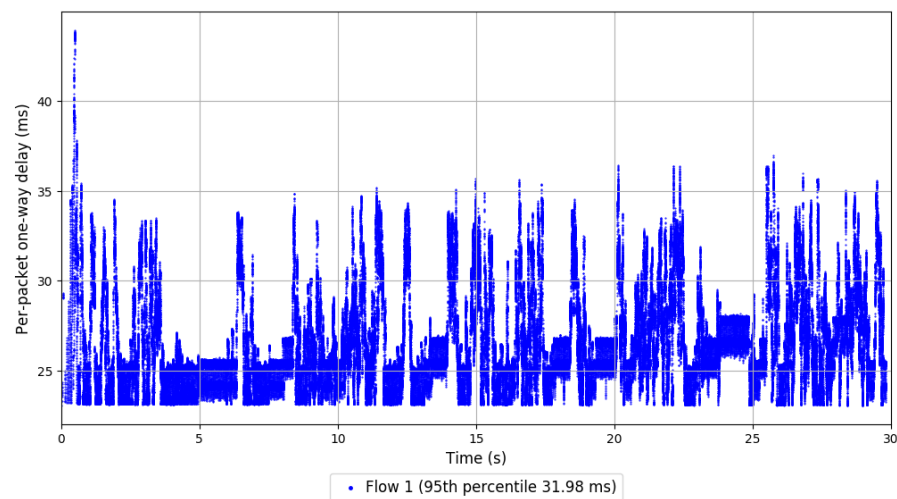
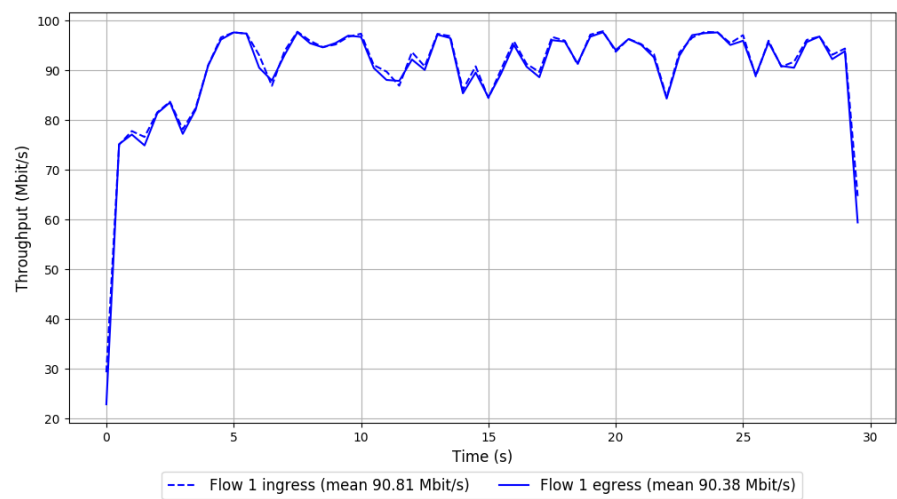


Run 2: Statistics of Indigo

Start at: 2018-01-08 19:19:46  
End at: 2018-01-08 19:20:16  
Local clock offset: 16.862 ms  
Remote clock offset: -2.386 ms

# Below is generated by plot.py at 2018-01-09 02:14:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.38 Mbit/s  
95th percentile per-packet one-way delay: 31.979 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 90.38 Mbit/s  
95th percentile per-packet one-way delay: 31.979 ms  
Loss rate: 0.65%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-01-08 19:40:00

End at: 2018-01-08 19:40:30

Local clock offset: 6.116 ms

Remote clock offset: -3.3 ms

# Below is generated by plot.py at 2018-01-09 02:14:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.83 Mbit/s

95th percentile per-packet one-way delay: 32.019 ms

Loss rate: 0.50%

-- Flow 1:

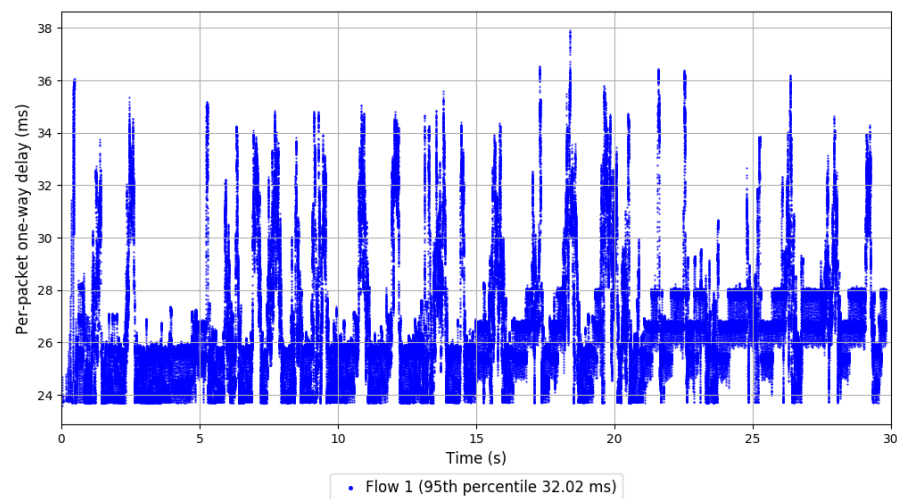
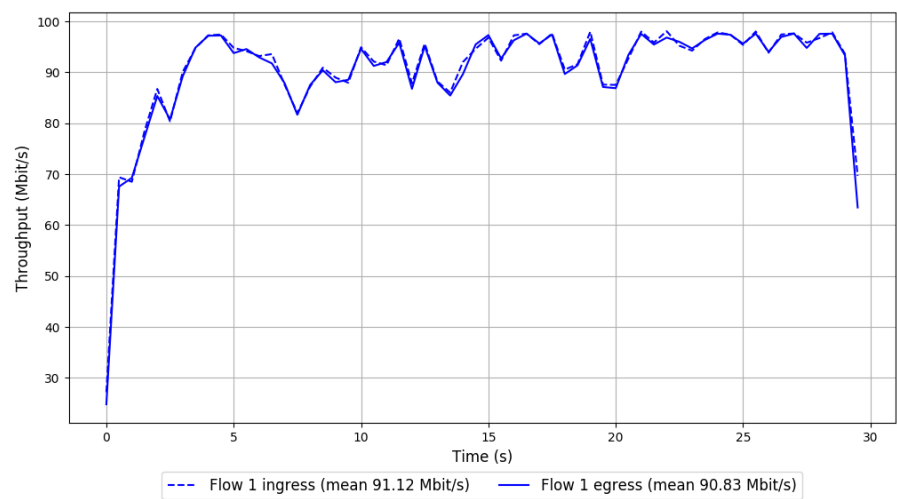
Average throughput: 90.83 Mbit/s

95th percentile per-packet one-way delay: 32.019 ms

Loss rate: 0.50%



Run 3: Report of Indigo — Data Link

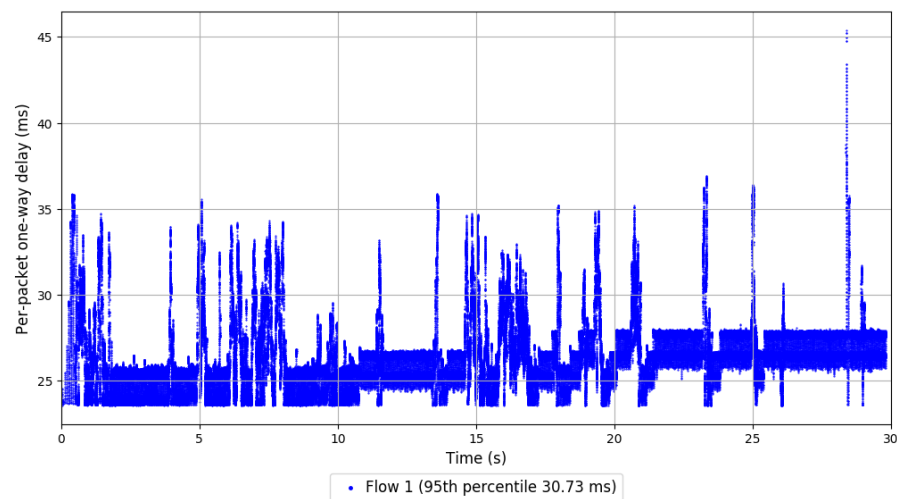
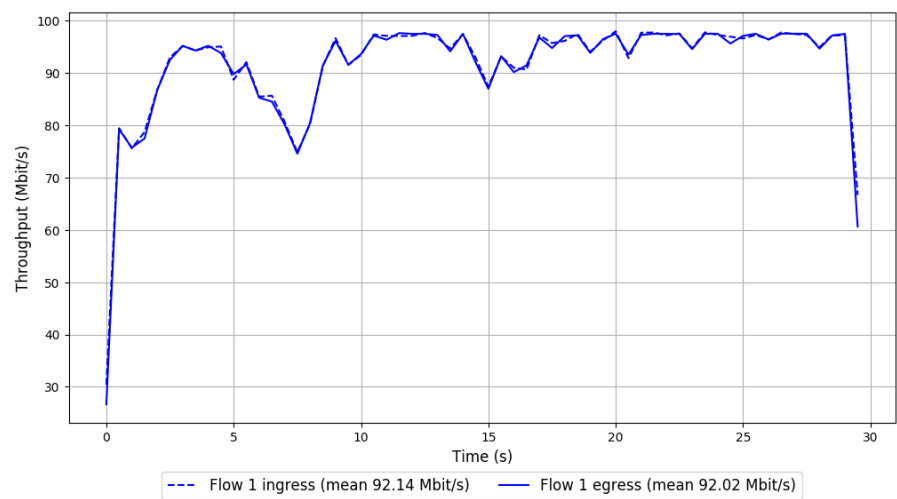


Run 4: Statistics of Indigo

Start at: 2018-01-08 20:00:13  
End at: 2018-01-08 20:00:43  
Local clock offset: 3.271 ms  
Remote clock offset: -3.278 ms

# Below is generated by plot.py at 2018-01-09 02:14:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.02 Mbit/s  
95th percentile per-packet one-way delay: 30.725 ms  
Loss rate: 0.32%  
-- Flow 1:  
Average throughput: 92.02 Mbit/s  
95th percentile per-packet one-way delay: 30.725 ms  
Loss rate: 0.32%

Run 4: Report of Indigo — Data Link

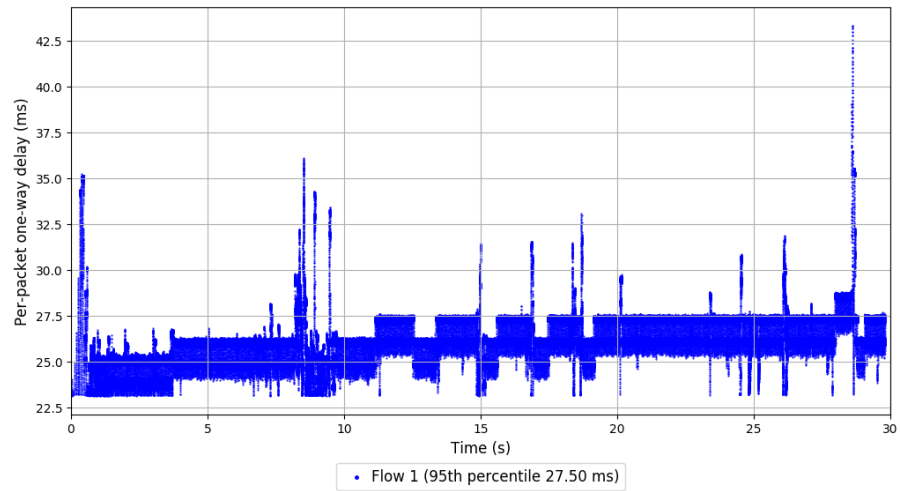
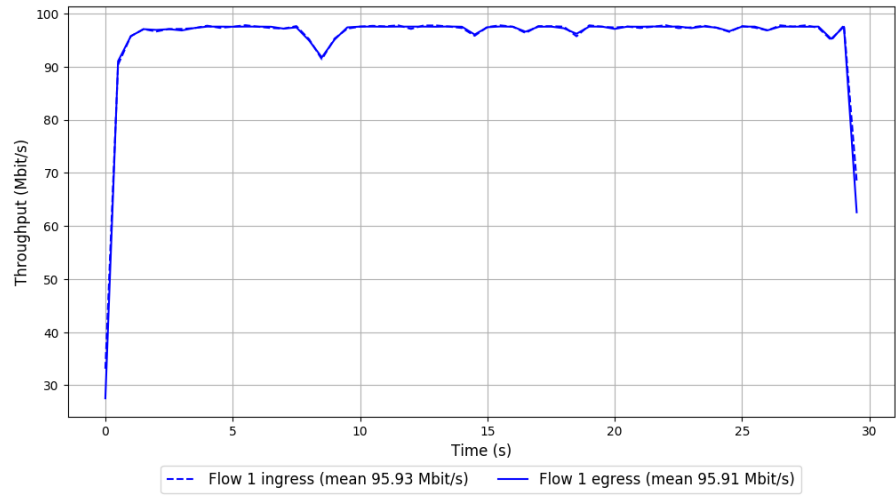


Run 5: Statistics of Indigo

Start at: 2018-01-08 20:20:12  
End at: 2018-01-08 20:20:42  
Local clock offset: 2.207 ms  
Remote clock offset: -1.849 ms

# Below is generated by plot.py at 2018-01-09 02:16:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.91 Mbit/s  
95th percentile per-packet one-way delay: 27.495 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 95.91 Mbit/s  
95th percentile per-packet one-way delay: 27.495 ms  
Loss rate: 0.20%

## Run 5: Report of Indigo — Data Link

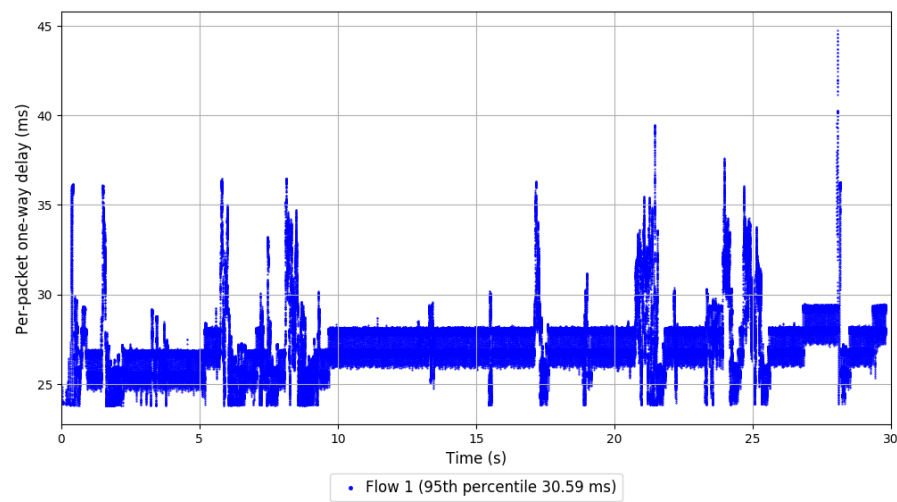
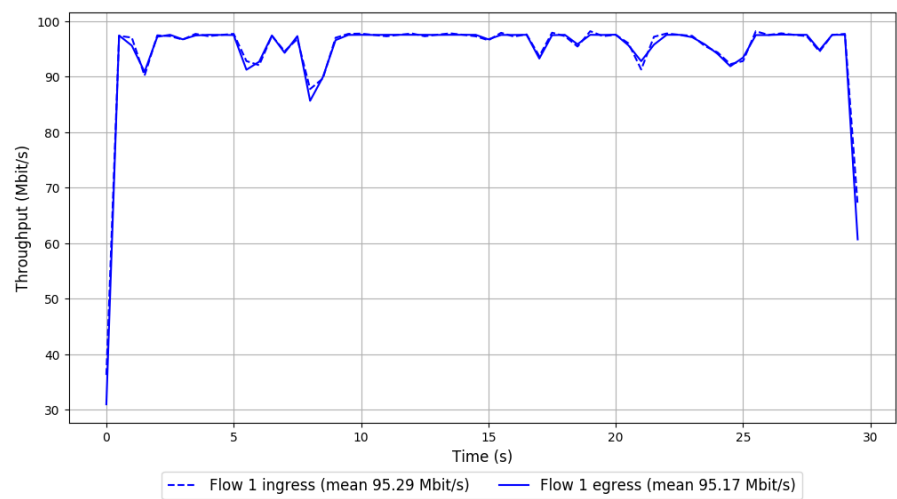


Run 6: Statistics of Indigo

Start at: 2018-01-08 20:40:12  
End at: 2018-01-08 20:40:42  
Local clock offset: 3.167 ms  
Remote clock offset: -1.798 ms

# Below is generated by plot.py at 2018-01-09 02:16:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.17 Mbit/s  
95th percentile per-packet one-way delay: 30.589 ms  
Loss rate: 0.30%  
-- Flow 1:  
Average throughput: 95.17 Mbit/s  
95th percentile per-packet one-way delay: 30.589 ms  
Loss rate: 0.30%

Run 6: Report of Indigo — Data Link



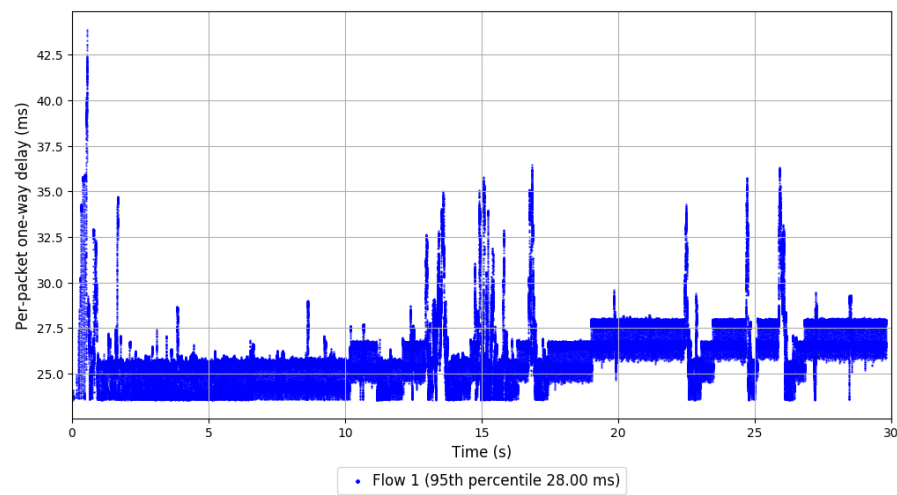
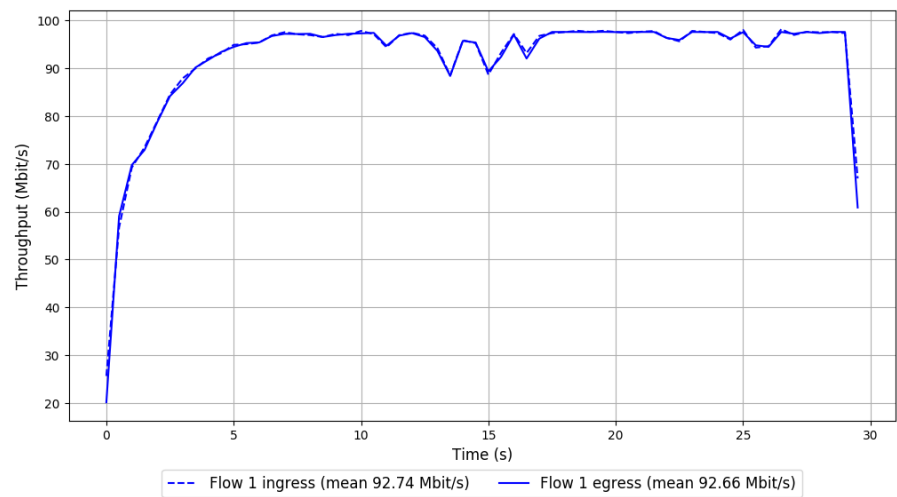
Run 7: Statistics of Indigo

Start at: 2018-01-08 21:00:19  
End at: 2018-01-08 21:00:49  
Local clock offset: 2.525 ms  
Remote clock offset: -1.713 ms

# Below is generated by plot.py at 2018-01-09 02:16:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.66 Mbit/s  
95th percentile per-packet one-way delay: 28.005 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 92.66 Mbit/s  
95th percentile per-packet one-way delay: 28.005 ms  
Loss rate: 0.26%



Run 7: Report of Indigo — Data Link

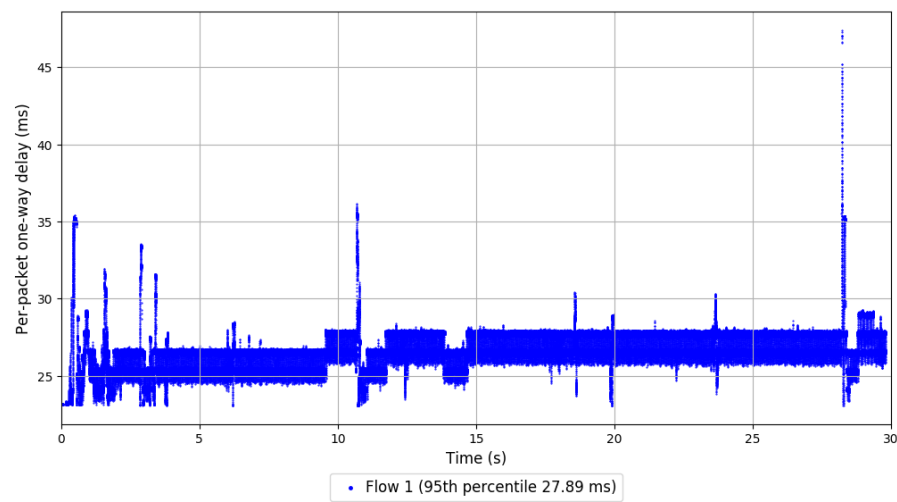
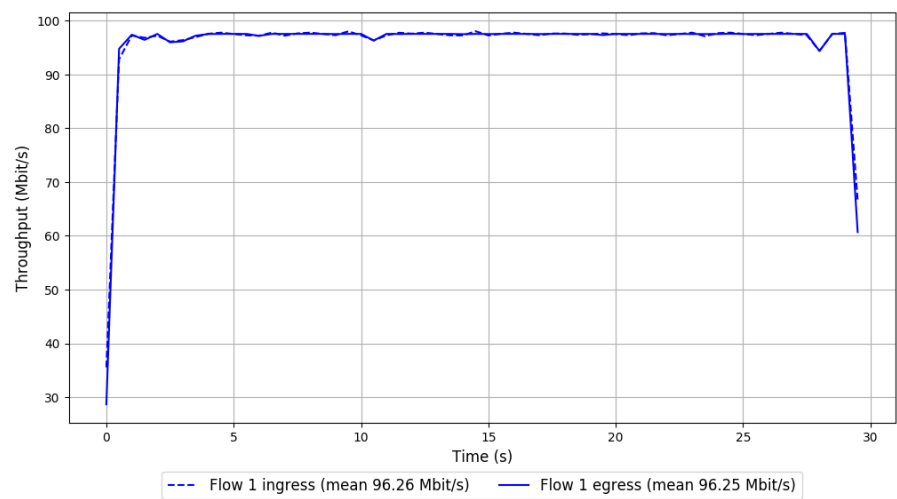


Run 8: Statistics of Indigo

Start at: 2018-01-08 21:20:18  
End at: 2018-01-08 21:20:48  
Local clock offset: 3.022 ms  
Remote clock offset: -1.988 ms

# Below is generated by plot.py at 2018-01-09 02:16:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.25 Mbit/s  
95th percentile per-packet one-way delay: 27.894 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 96.25 Mbit/s  
95th percentile per-packet one-way delay: 27.894 ms  
Loss rate: 0.20%

Run 8: Report of Indigo — Data Link

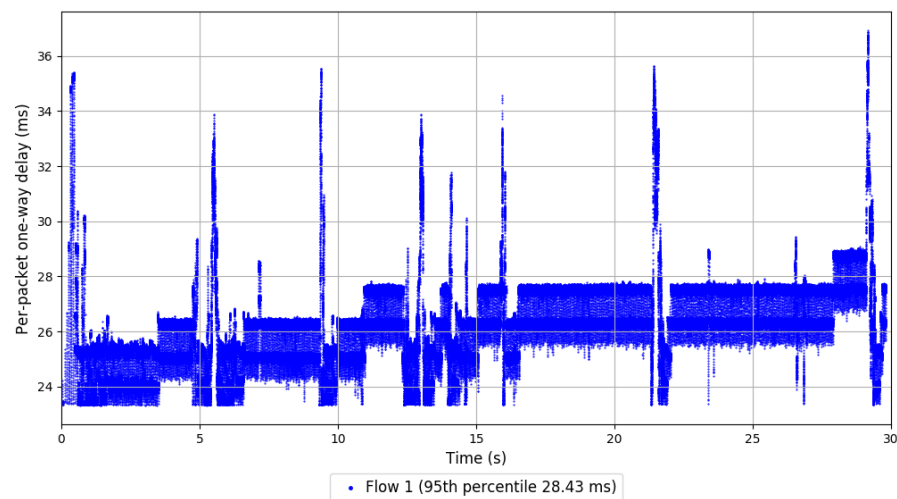
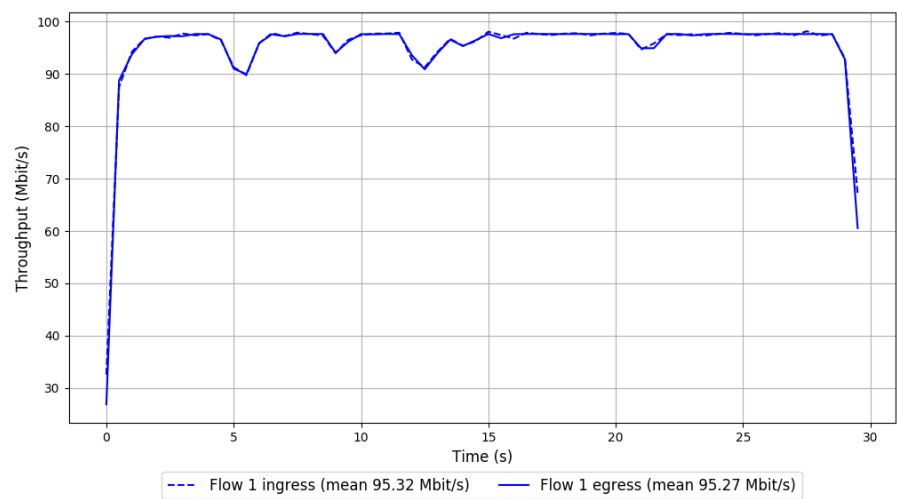


Run 9: Statistics of Indigo

Start at: 2018-01-08 21:40:15  
End at: 2018-01-08 21:40:45  
Local clock offset: 3.622 ms  
Remote clock offset: -2.656 ms

# Below is generated by plot.py at 2018-01-09 02:16:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.27 Mbit/s  
95th percentile per-packet one-way delay: 28.431 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 95.27 Mbit/s  
95th percentile per-packet one-way delay: 28.431 ms  
Loss rate: 0.23%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-01-08 22:00:14

End at: 2018-01-08 22:00:44

Local clock offset: 3.198 ms

Remote clock offset: -2.164 ms

# Below is generated by plot.py at 2018-01-09 02:16:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.10 Mbit/s

95th percentile per-packet one-way delay: 30.856 ms

Loss rate: 0.39%

-- Flow 1:

Average throughput: 92.10 Mbit/s

95th percentile per-packet one-way delay: 30.856 ms

Loss rate: 0.39%

Run 10: Report of Indigo — Data Link

