

## Pantheon Report

Generated at 2018-01-09 23:08:50 (UTC).

Data path: Colombia Ethernet (*remote*) → AWS Brazil 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).

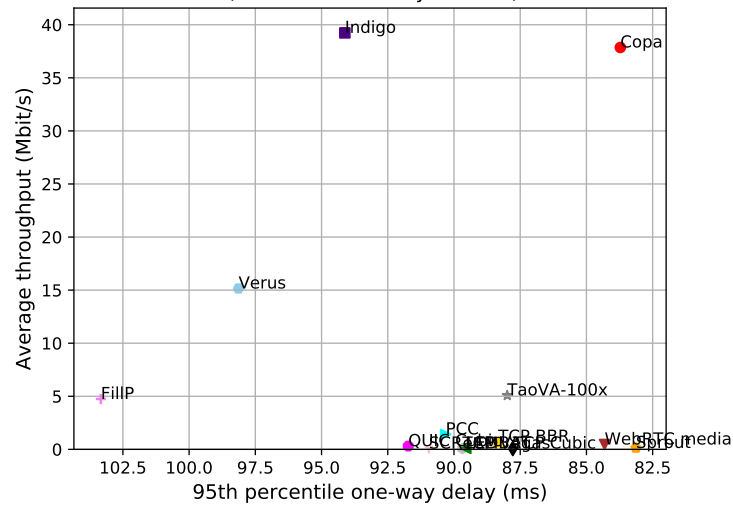
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

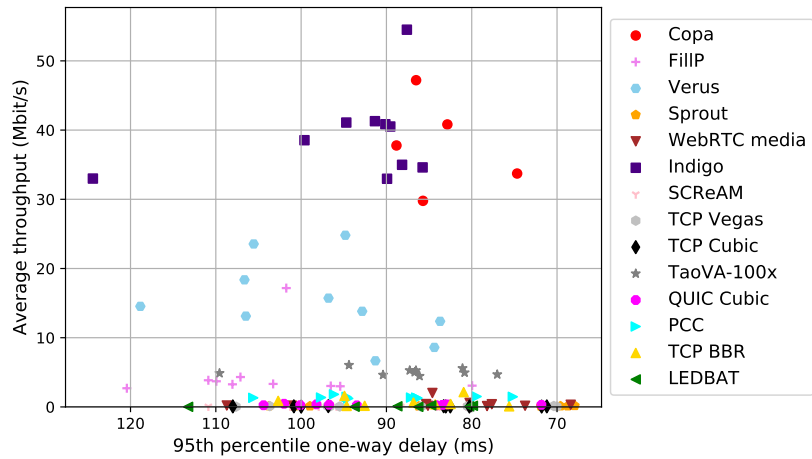
Git summary:

```
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 @ f1a14bffe749737437f61b1eaeeb30b267cde681
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 Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from Colombia Ethernet to AWS Brazil 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	9	0.72	88.33	32.98
TCP Cubic	10	0.07	87.78	33.81
LEDBAT	7	0.09	89.55	34.81
PCC	10	1.41	90.31	31.28
QUIC Cubic	10	0.31	91.73	30.38
SCReAM	10	0.07	90.95	12.37
WebRTC media	10	0.46	84.31	28.21
Sprout	10	0.13	83.13	30.75
TaoVA-100x	10	5.08	87.99	31.42
TCP Vegas	9	0.08	89.68	34.21
Verus	10	15.16	98.13	48.70
Copa	5	37.86	83.72	42.16
FillP	10	4.74	103.33	35.45
Indigo	10	39.23	94.12	43.15

Run 1: Statistics of TCP BBR

Start at: 2018-01-08 18:54:32

End at: 2018-01-08 18:55:02

Local clock offset: 1.909 ms

Remote clock offset: -0.433 ms

# Below is generated by plot.py at 2018-01-09 23:02:53

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 82.482 ms

Loss rate: 31.49%

-- Flow 1:

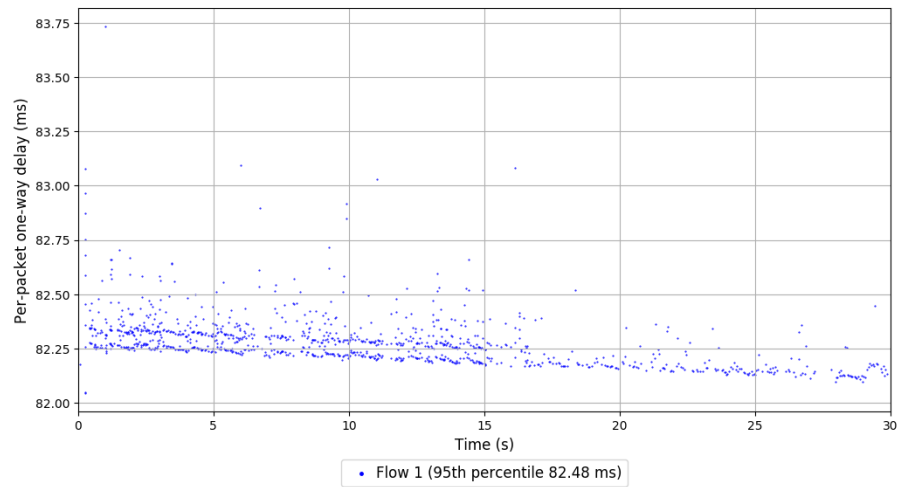
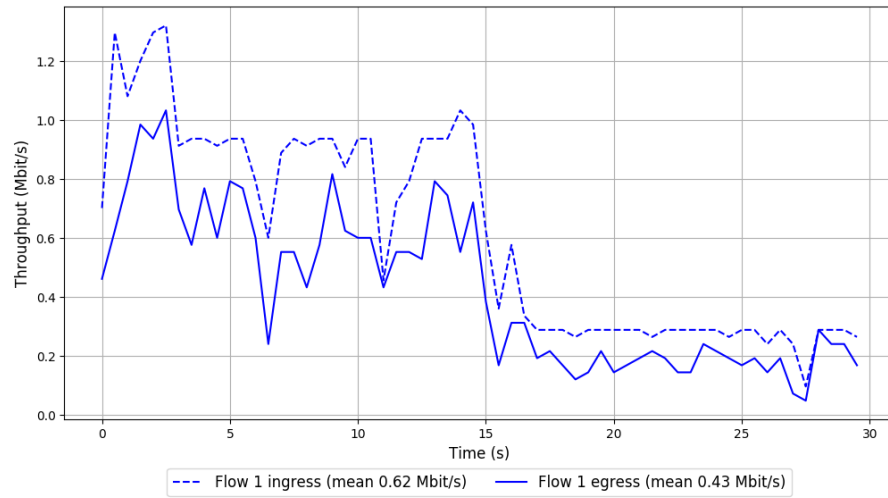
Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 82.482 ms

Loss rate: 31.49%



# Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-01-08 19:59:37

End at: 2018-01-08 20:00:07

Local clock offset: 4.345 ms

Remote clock offset: 0.878 ms

# Below is generated by plot.py at 2018-01-09 23:02:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 80.946 ms

Loss rate: 31.71%

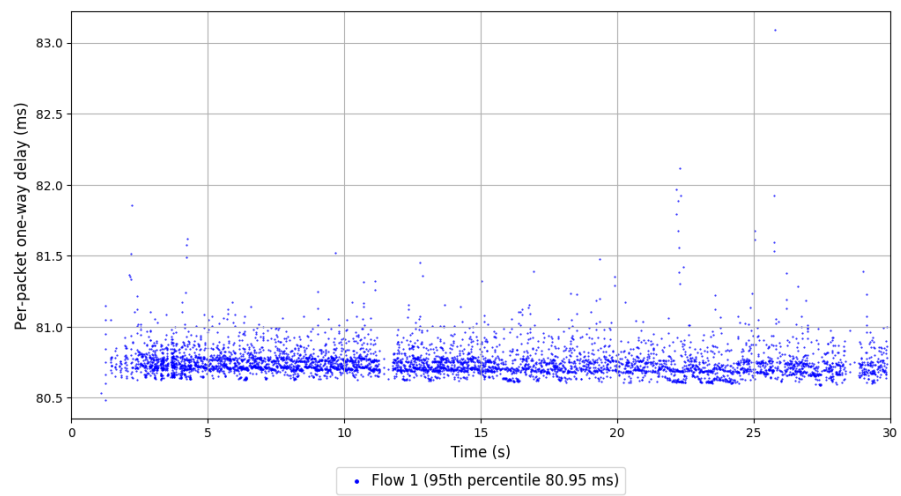
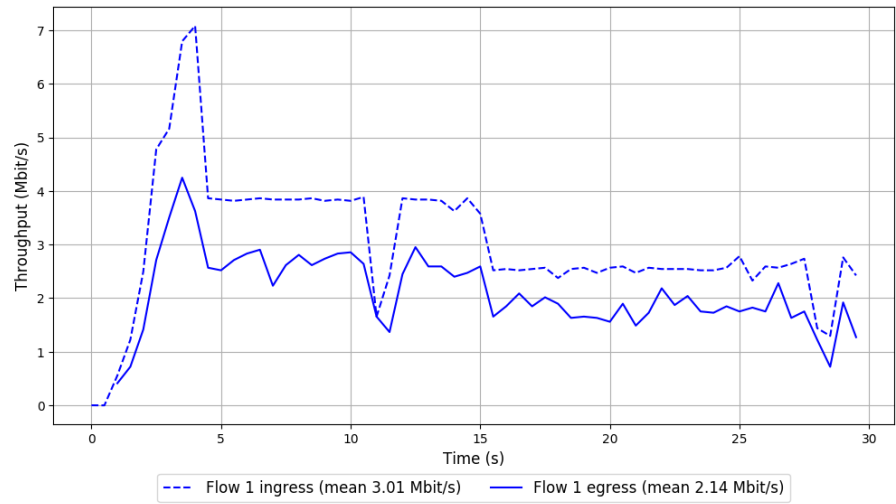
-- Flow 1:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 80.946 ms

Loss rate: 31.71%

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

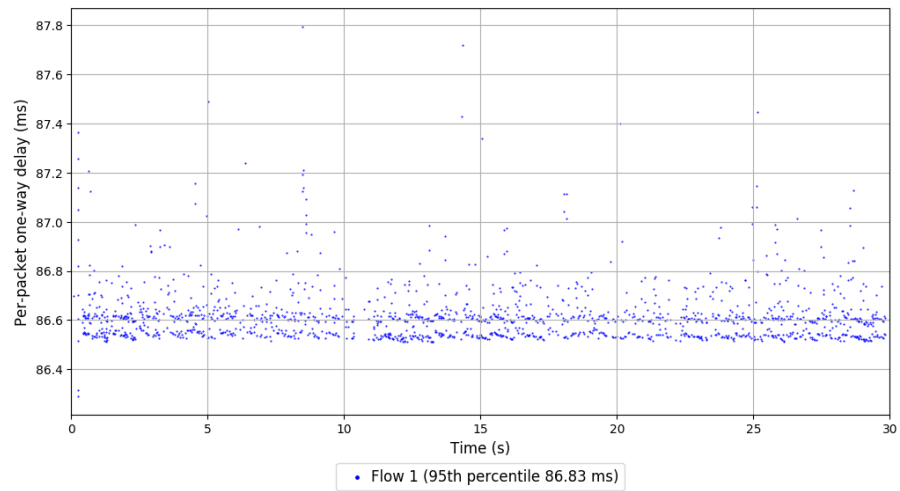
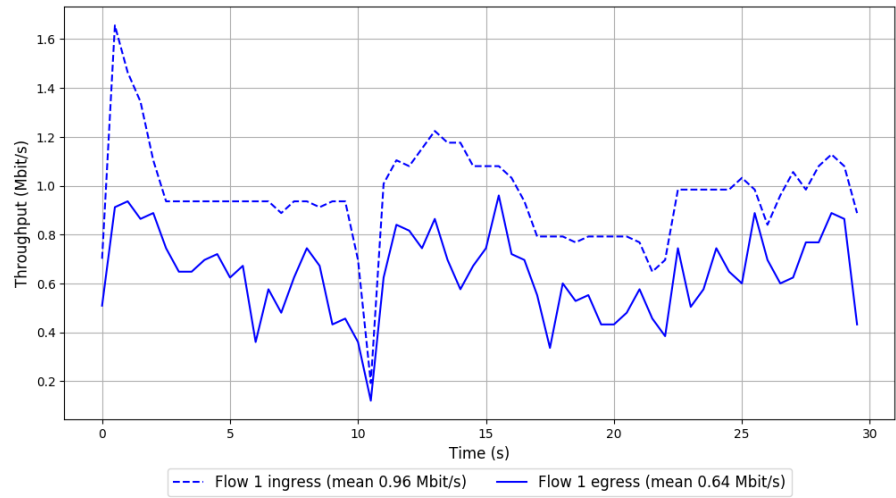


Run 3: Statistics of TCP BBR

Start at: 2018-01-08 21:43:42  
End at: 2018-01-08 21:44:12  
Local clock offset: 1.966 ms  
Remote clock offset: -3.842 ms

# Below is generated by plot.py at 2018-01-09 23:02:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.64 Mbit/s  
95th percentile per-packet one-way delay: 86.829 ms  
Loss rate: 33.52%  
-- Flow 1:  
Average throughput: 0.64 Mbit/s  
95th percentile per-packet one-way delay: 86.829 ms  
Loss rate: 33.52%

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

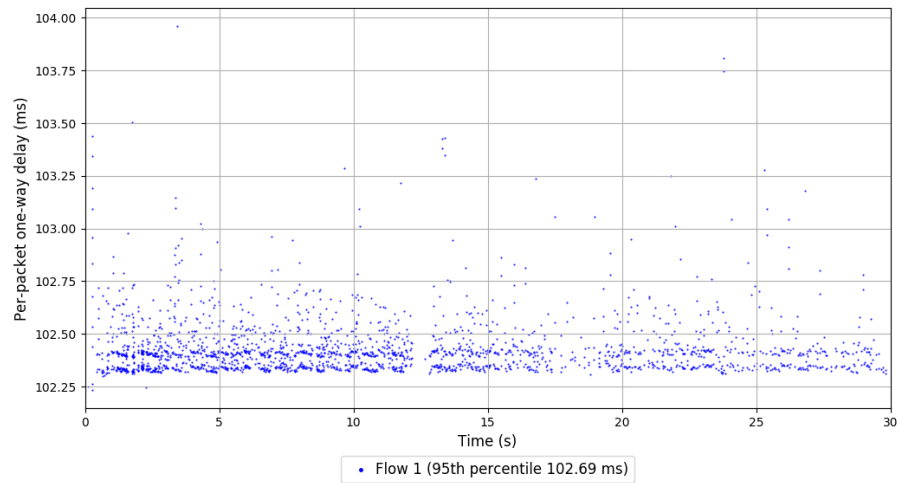
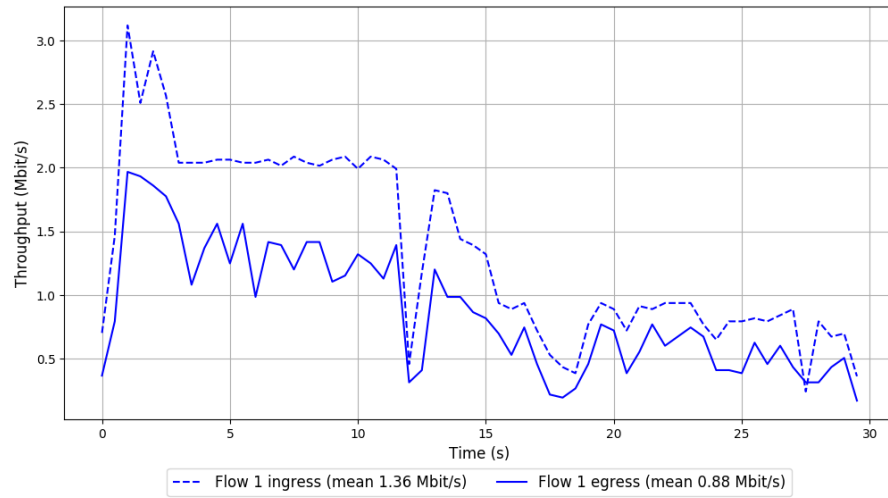


Run 4: Statistics of TCP BBR

Start at: 2018-01-08 23:02:18  
End at: 2018-01-08 23:02:48  
Local clock offset: 8.74 ms  
Remote clock offset: -11.468 ms

# Below is generated by plot.py at 2018-01-09 23:02:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.88 Mbit/s  
95th percentile per-packet one-way delay: 102.687 ms  
Loss rate: 35.75%  
-- Flow 1:  
Average throughput: 0.88 Mbit/s  
95th percentile per-packet one-way delay: 102.687 ms  
Loss rate: 35.75%

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



Run 5: Statistics of TCP BBR

Start at: 2018-01-09 00:13:49

End at: 2018-01-09 00:14:19

Local clock offset: 7.395 ms

Remote clock offset: 3.884 ms

# Below is generated by plot.py at 2018-01-09 23:02:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 92.552 ms

Loss rate: 36.06%

-- Flow 1:

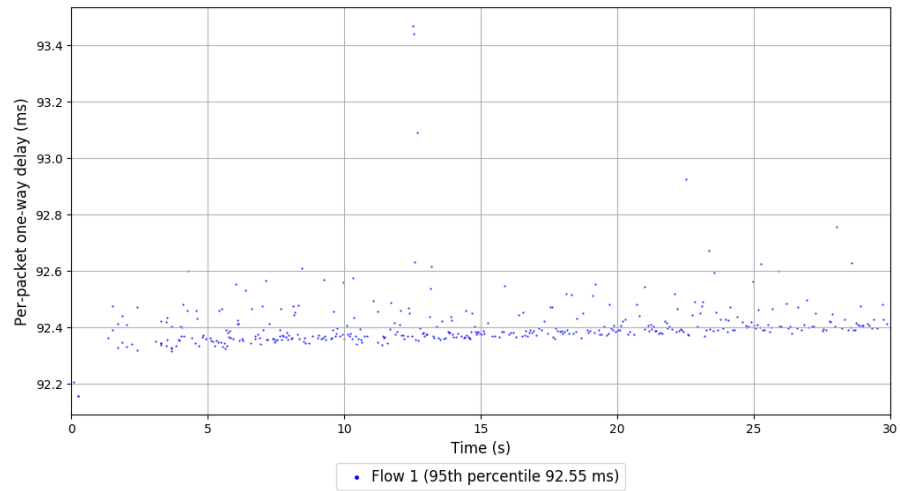
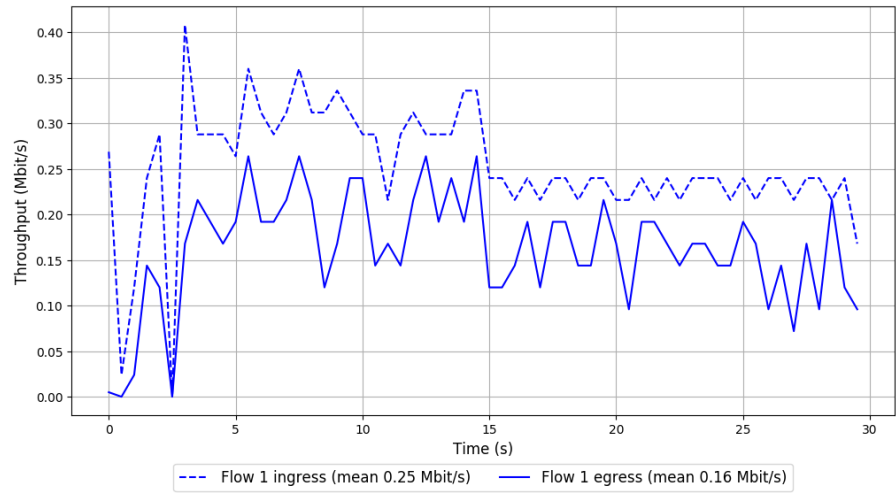
Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 92.552 ms

Loss rate: 36.06%



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



Run 6: Statistics of TCP BBR

Start at: 2018-01-09 01:38:52

End at: 2018-01-09 01:39:22

Local clock offset: -8.574 ms

Remote clock offset: 5.884 ms

# Below is generated by plot.py at 2018-01-09 23:02:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.08 Mbit/s

95th percentile per-packet one-way delay: 75.612 ms

Loss rate: 37.07%

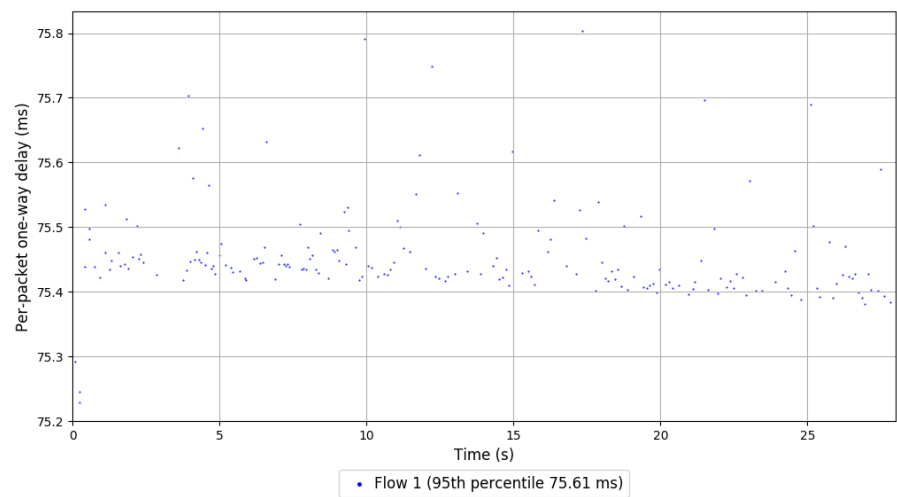
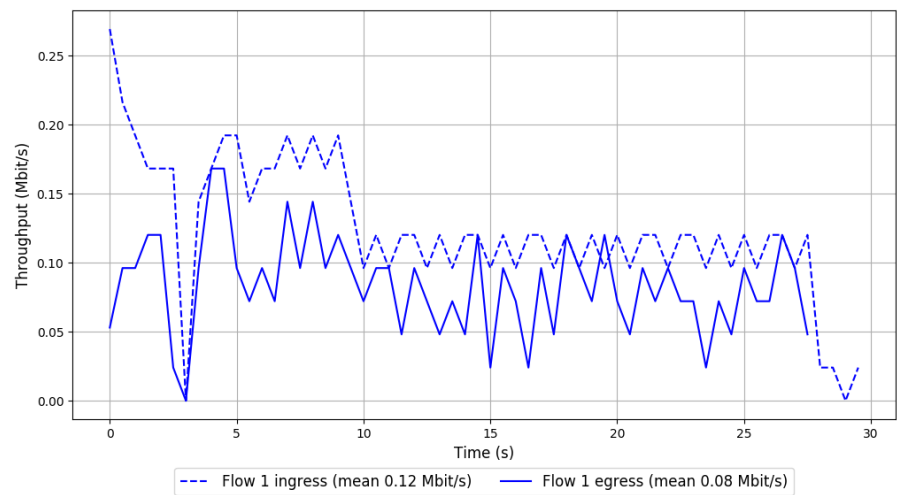
-- Flow 1:

Average throughput: 0.08 Mbit/s

95th percentile per-packet one-way delay: 75.612 ms

Loss rate: 37.07%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

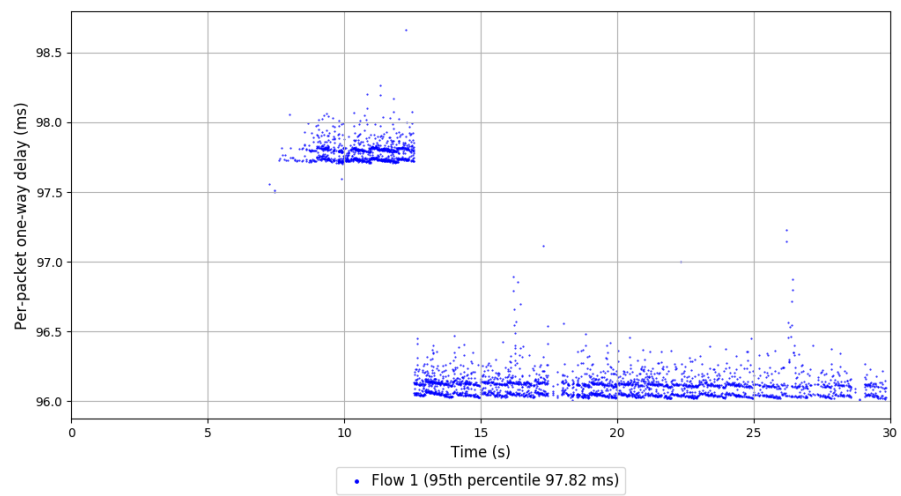
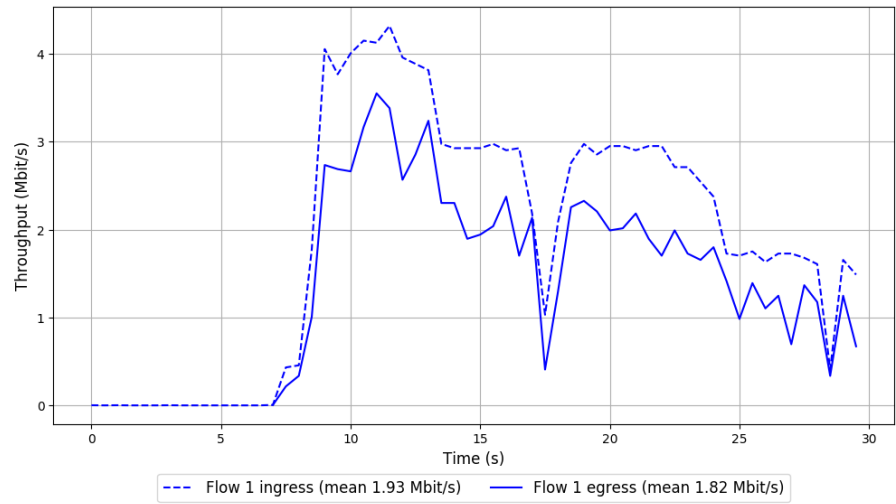
Start at: 2018-01-09 03:10:07

End at: 2018-01-09 03:10:37

Local clock offset: -1.465 ms

Remote clock offset: -18.601 ms

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

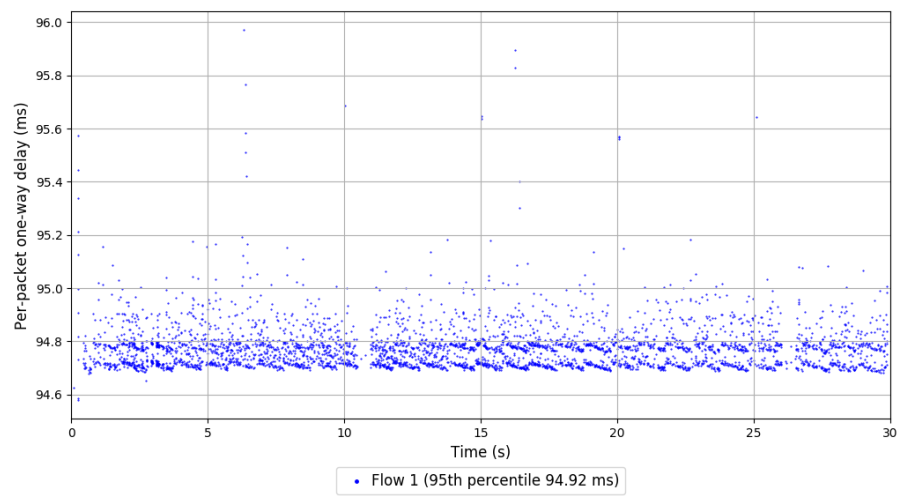
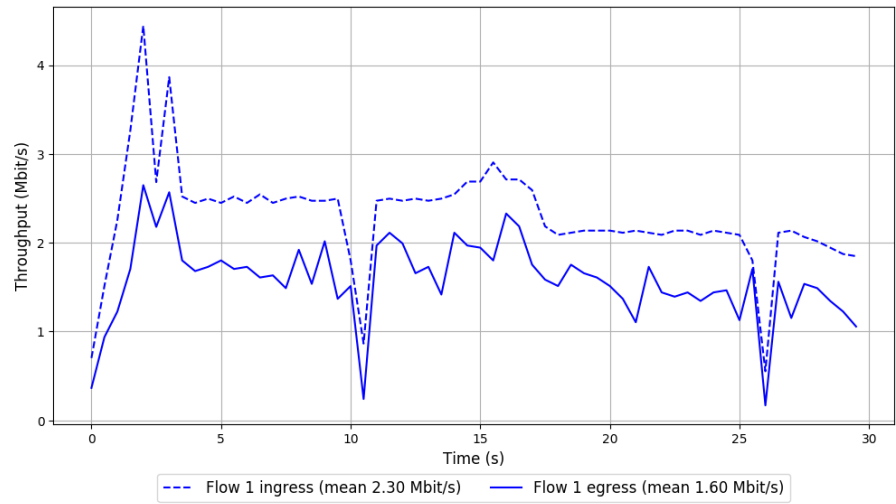


Run 8: Statistics of TCP BBR

Start at: 2018-01-09 04:25:38  
End at: 2018-01-09 04:26:08  
Local clock offset: 1.955 ms  
Remote clock offset: -15.106 ms

# Below is generated by plot.py at 2018-01-09 23:02:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.60 Mbit/s  
95th percentile per-packet one-way delay: 94.920 ms  
Loss rate: 30.99%  
-- Flow 1:  
Average throughput: 1.60 Mbit/s  
95th percentile per-packet one-way delay: 94.920 ms  
Loss rate: 30.99%

# Run 8: Report of TCP BBR — Data Link



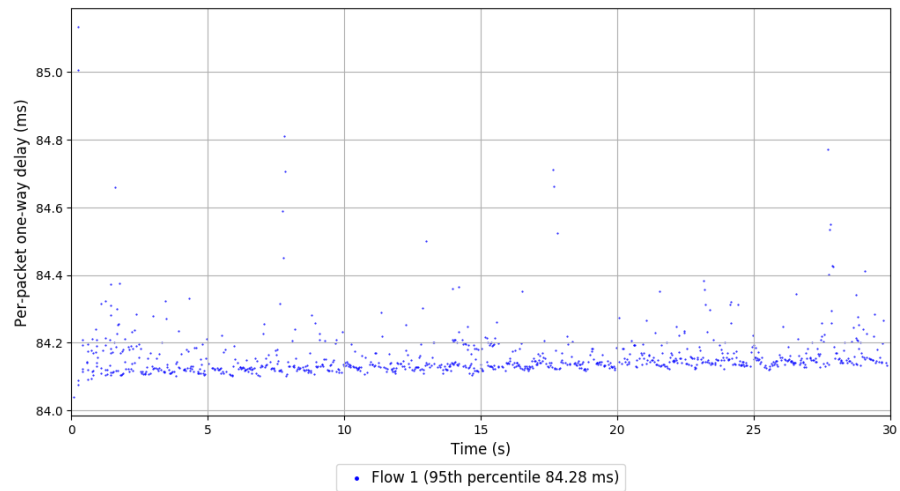
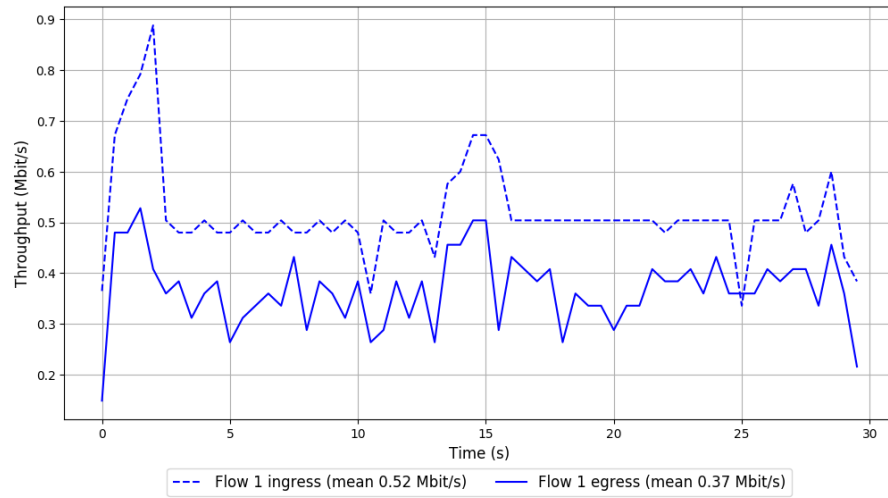
Run 9: Statistics of TCP BBR

Start at: 2018-01-09 05:56:17  
End at: 2018-01-09 05:56:47  
Local clock offset: 2.305 ms  
Remote clock offset: -4.587 ms

# Below is generated by plot.py at 2018-01-09 23:02:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.37 Mbit/s  
95th percentile per-packet one-way delay: 84.282 ms  
Loss rate: 29.05%  
-- Flow 1:  
Average throughput: 0.37 Mbit/s  
95th percentile per-packet one-way delay: 84.282 ms  
Loss rate: 29.05%



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

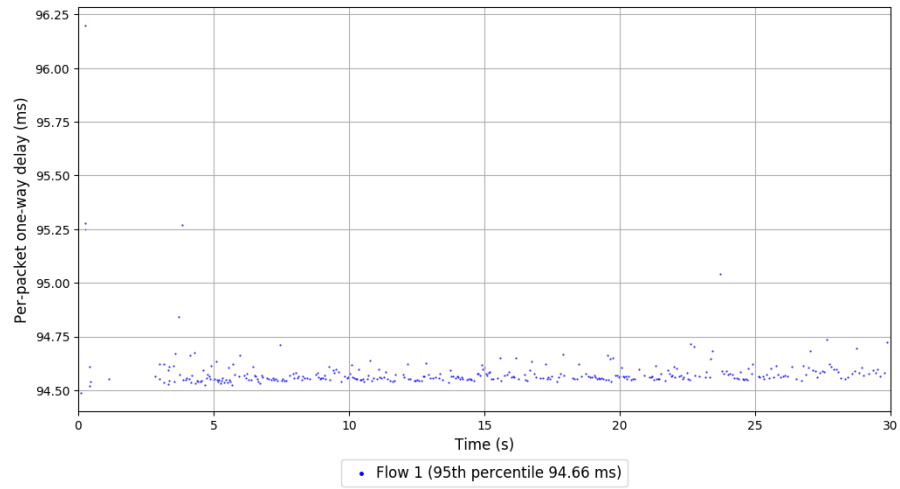
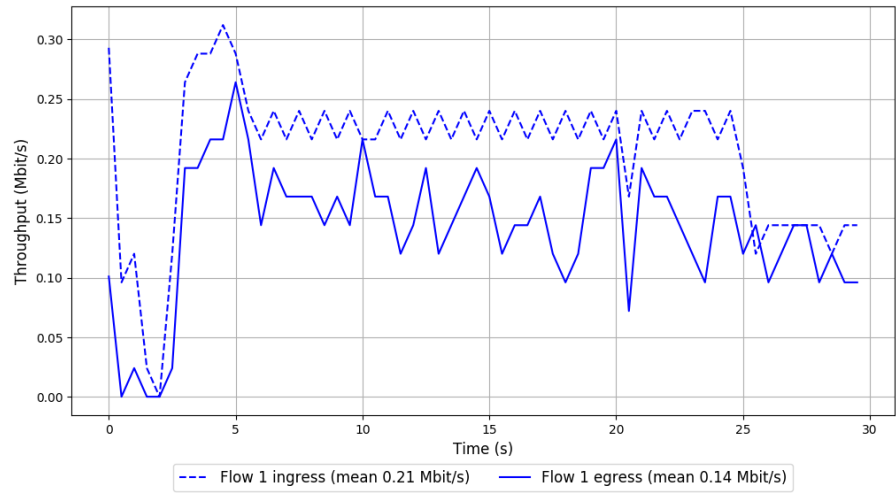


Run 10: Statistics of TCP BBR

Start at: 2018-01-09 06:53:52  
End at: 2018-01-09 06:54:22  
Local clock offset: 0.285 ms  
Remote clock offset: -12.748 ms

# Below is generated by plot.py at 2018-01-09 23:02:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.14 Mbit/s  
95th percentile per-packet one-way delay: 94.662 ms  
Loss rate: 31.19%  
-- Flow 1:  
Average throughput: 0.14 Mbit/s  
95th percentile per-packet one-way delay: 94.662 ms  
Loss rate: 31.19%

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

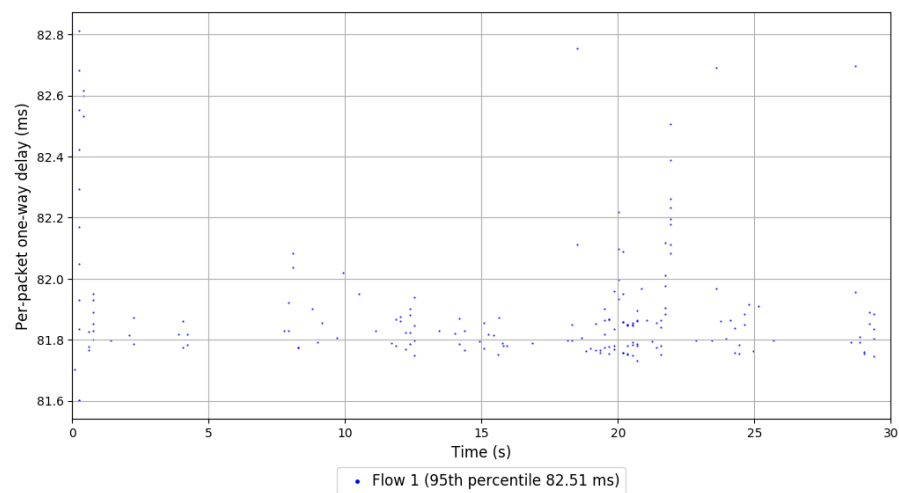
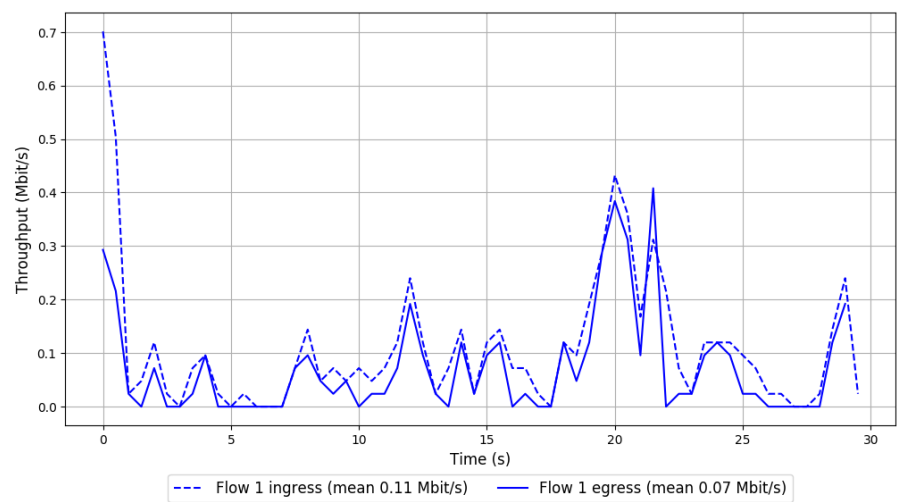


Run 1: Statistics of TCP Cubic

Start at: 2018-01-08 19:48:49  
End at: 2018-01-08 19:49:19  
Local clock offset: 3.359 ms  
Remote clock offset: -0.261 ms

# Below is generated by plot.py at 2018-01-09 23:02:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 82.508 ms  
Loss rate: 35.23%  
-- Flow 1:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 82.508 ms  
Loss rate: 35.23%

Run 1: Report of TCP Cubic — Data Link

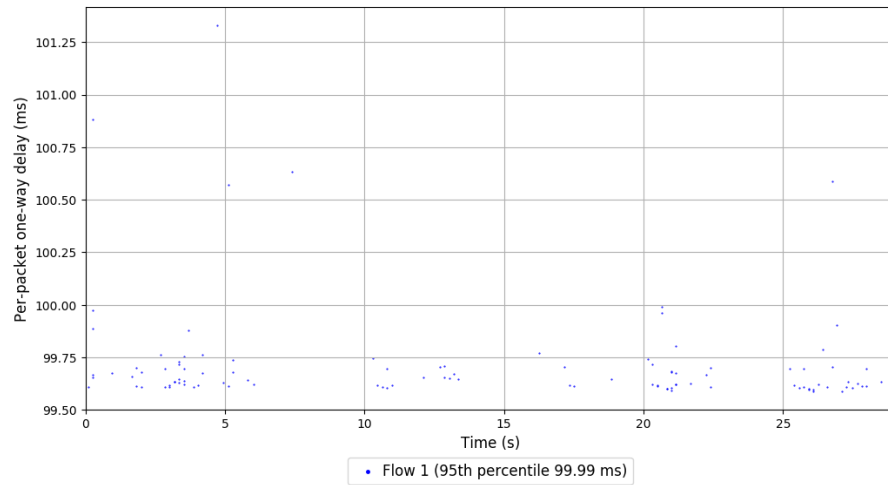
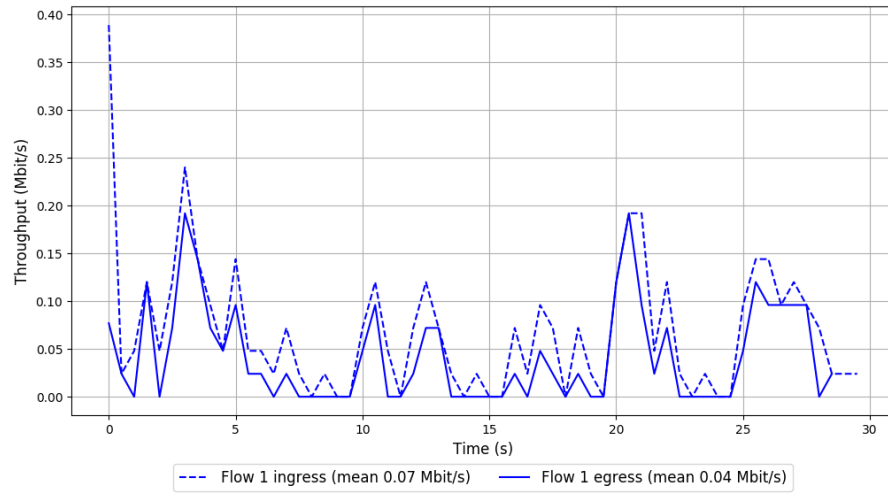


Run 2: Statistics of TCP Cubic

Start at: 2018-01-08 21:24:48  
End at: 2018-01-08 21:25:18  
Local clock offset: 1.536 ms  
Remote clock offset: -16.668 ms

# Below is generated by plot.py at 2018-01-09 23:02:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.04 Mbit/s  
95th percentile per-packet one-way delay: 99.992 ms  
Loss rate: 41.23%  
-- Flow 1:  
Average throughput: 0.04 Mbit/s  
95th percentile per-packet one-way delay: 99.992 ms  
Loss rate: 41.23%

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



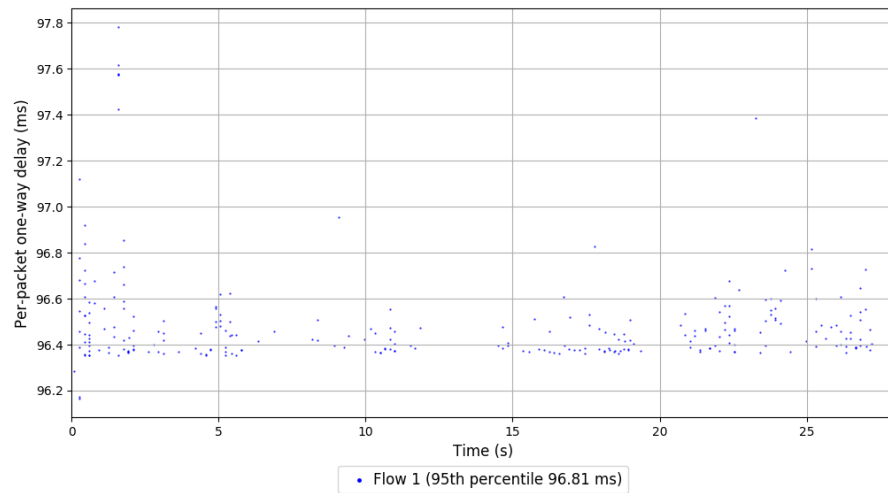
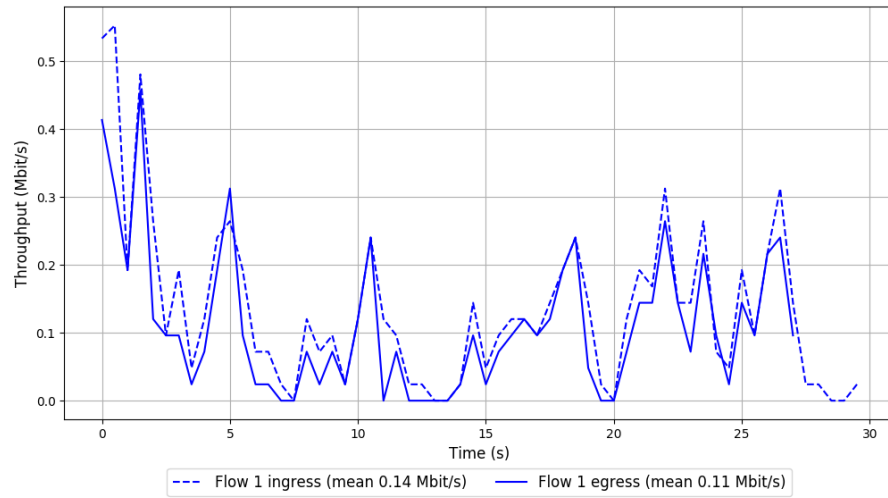
Run 3: Statistics of TCP Cubic

Start at: 2018-01-08 22:46:27  
End at: 2018-01-08 22:46:57  
Local clock offset: 4.859 ms  
Remote clock offset: -11.423 ms

# Below is generated by plot.py at 2018-01-09 23:03:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.11 Mbit/s  
95th percentile per-packet one-way delay: 96.815 ms  
Loss rate: 24.69%  
-- Flow 1:  
Average throughput: 0.11 Mbit/s  
95th percentile per-packet one-way delay: 96.815 ms  
Loss rate: 24.69%



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

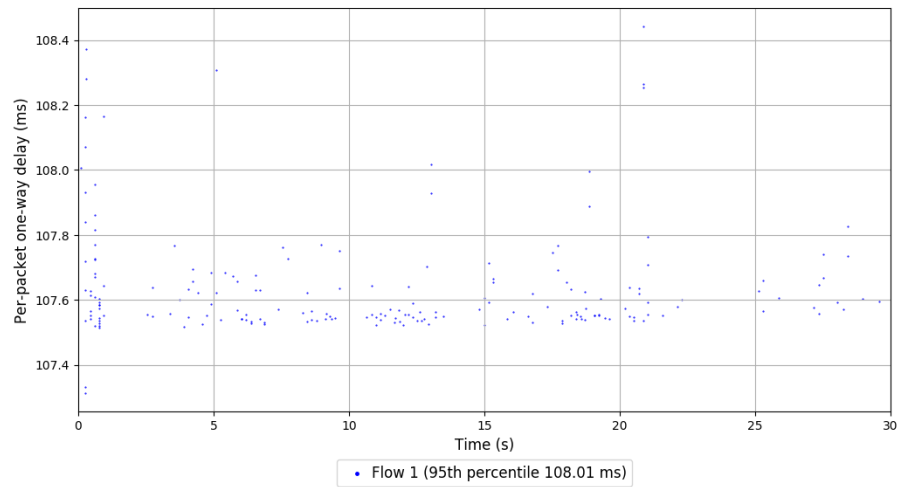
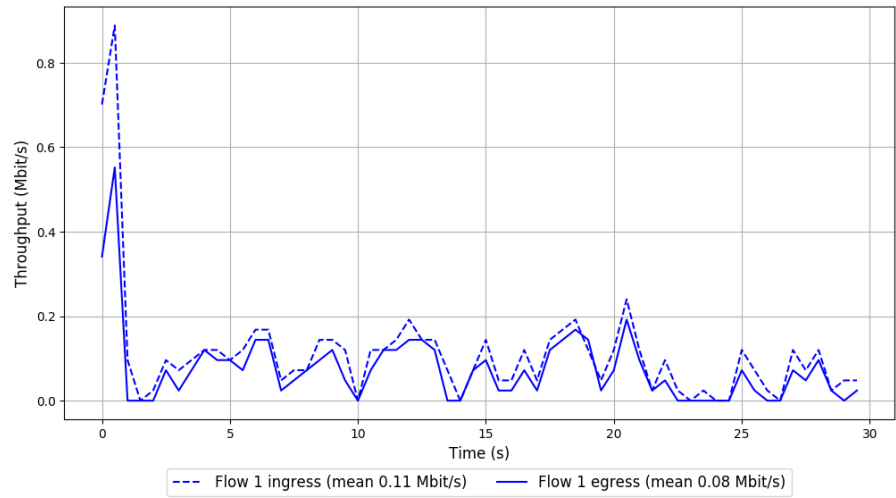


Run 4: Statistics of TCP Cubic

Start at: 2018-01-08 23:56:35  
End at: 2018-01-08 23:57:05  
Local clock offset: 19.232 ms  
Remote clock offset: -3.664 ms

# Below is generated by plot.py at 2018-01-09 23:03:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.08 Mbit/s  
95th percentile per-packet one-way delay: 108.007 ms  
Loss rate: 32.36%  
-- Flow 1:  
Average throughput: 0.08 Mbit/s  
95th percentile per-packet one-way delay: 108.007 ms  
Loss rate: 32.36%

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

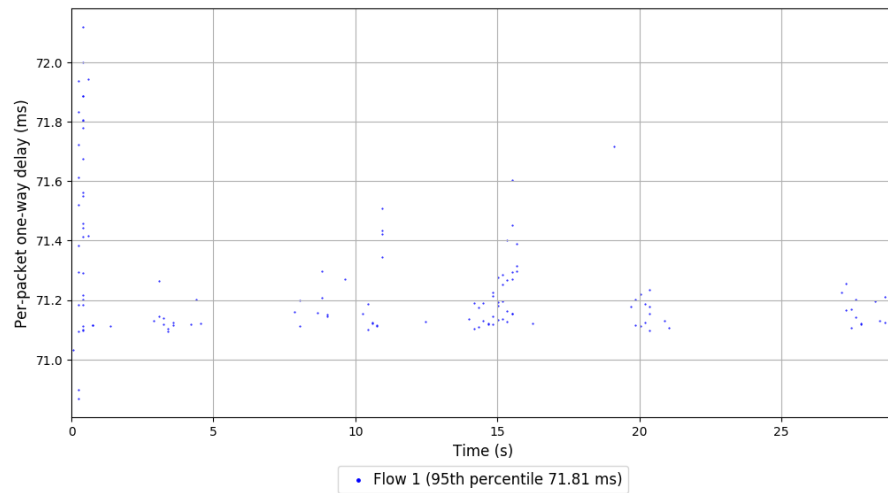
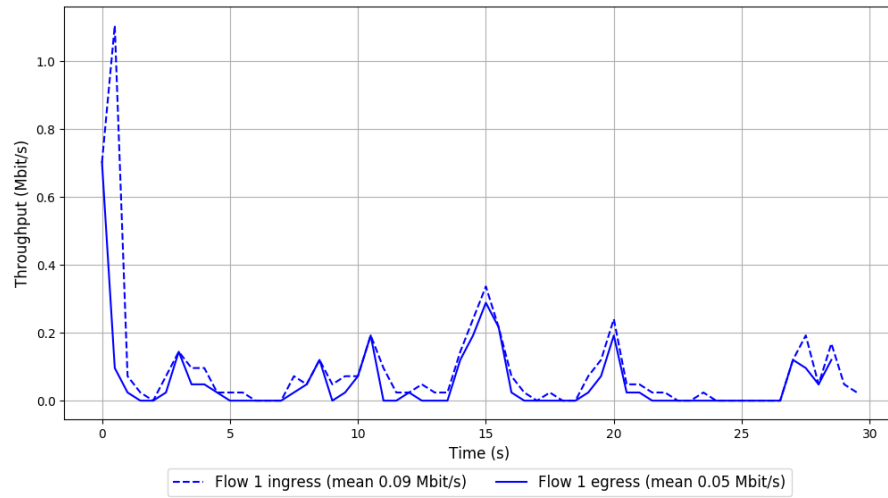


Run 5: Statistics of TCP Cubic

Start at: 2018-01-09 01:25:25  
End at: 2018-01-09 01:25:55  
Local clock offset: -8.829 ms  
Remote clock offset: 10.265 ms

# Below is generated by plot.py at 2018-01-09 23:03:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.05 Mbit/s  
95th percentile per-packet one-way delay: 71.806 ms  
Loss rate: 42.32%  
-- Flow 1:  
Average throughput: 0.05 Mbit/s  
95th percentile per-packet one-way delay: 71.806 ms  
Loss rate: 42.32%

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



Run 6: Statistics of TCP Cubic

Start at: 2018-01-09 02:52:51

End at: 2018-01-09 02:53:21

Local clock offset: -2.105 ms

Remote clock offset: -3.25 ms

# Below is generated by plot.py at 2018-01-09 23:03:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.10 Mbit/s

95th percentile per-packet one-way delay: 83.292 ms

Loss rate: 29.62%

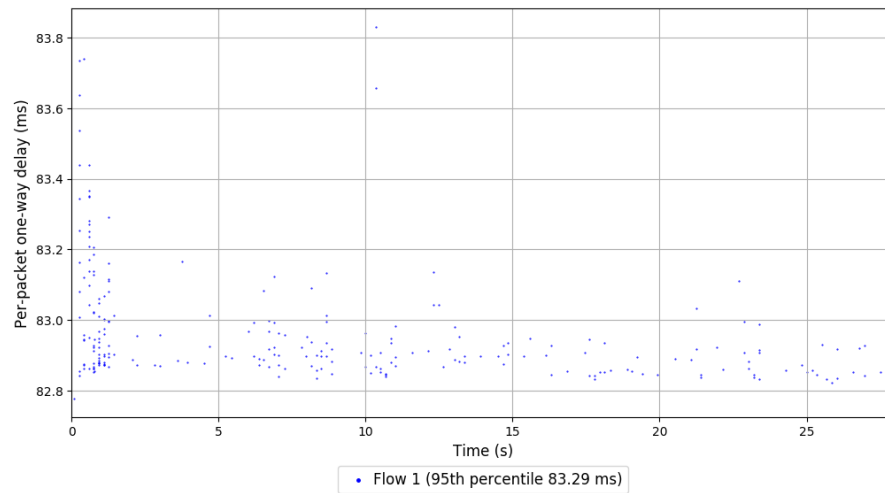
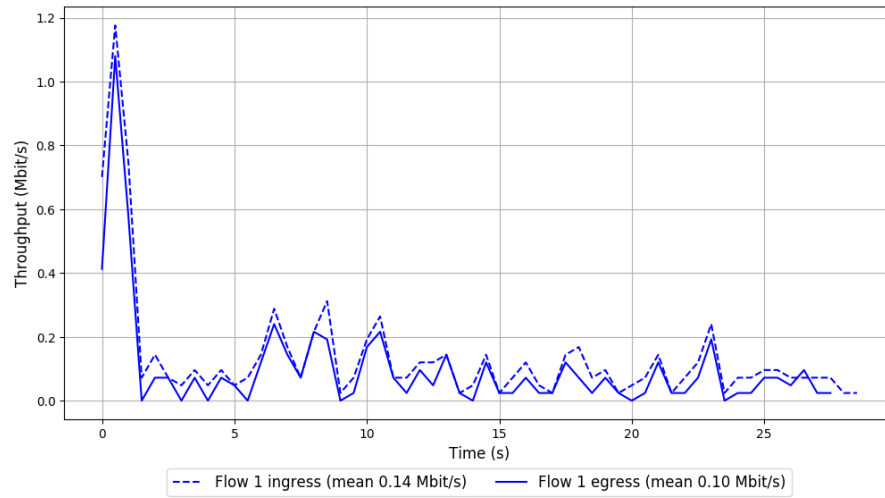
-- Flow 1:

Average throughput: 0.10 Mbit/s

95th percentile per-packet one-way delay: 83.292 ms

Loss rate: 29.62%

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



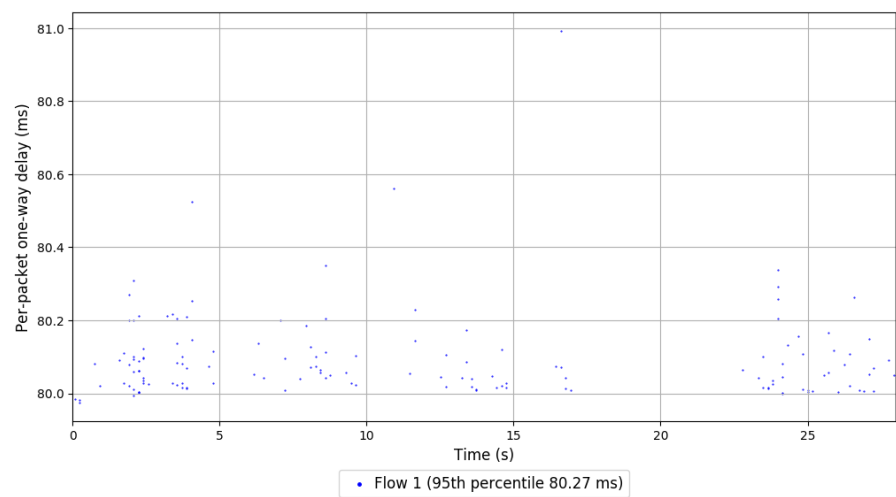
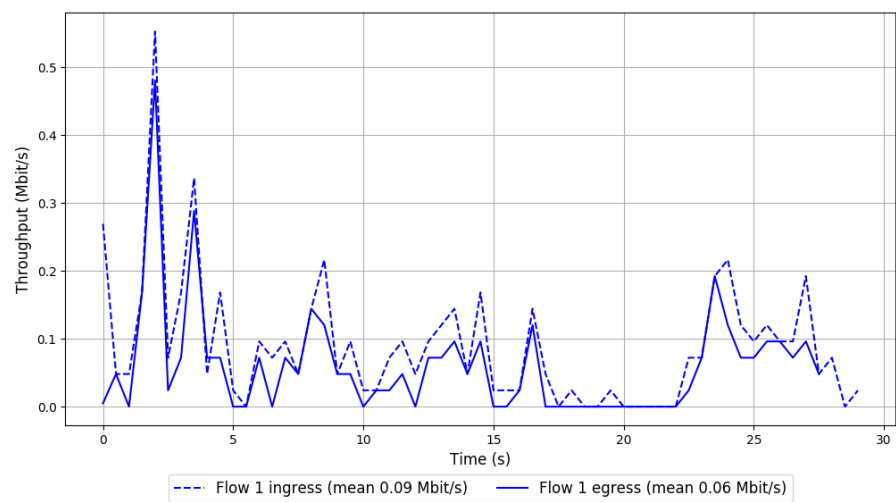
Run 7: Statistics of TCP Cubic

Start at: 2018-01-09 04:10:53  
End at: 2018-01-09 04:11:23  
Local clock offset: 1.336 ms  
Remote clock offset: -2.395 ms

# Below is generated by plot.py at 2018-01-09 23:03:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.06 Mbit/s  
95th percentile per-packet one-way delay: 80.271 ms  
Loss rate: 36.33%  
-- Flow 1:  
Average throughput: 0.06 Mbit/s  
95th percentile per-packet one-way delay: 80.271 ms  
Loss rate: 36.33%



Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-01-09 05:43:03

End at: 2018-01-09 05:43:33

Local clock offset: 2.677 ms

Remote clock offset: 8.18 ms

# Below is generated by plot.py at 2018-01-09 23:03:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.08 Mbit/s

95th percentile per-packet one-way delay: 71.200 ms

Loss rate: 30.15%

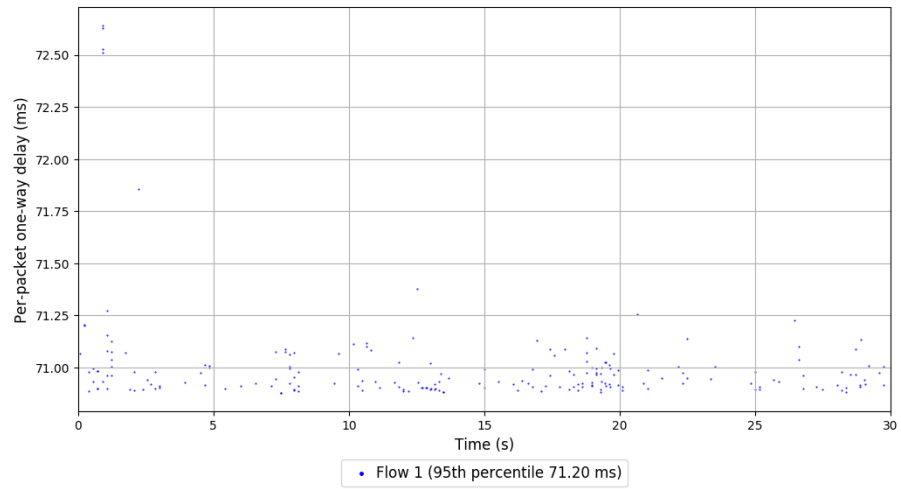
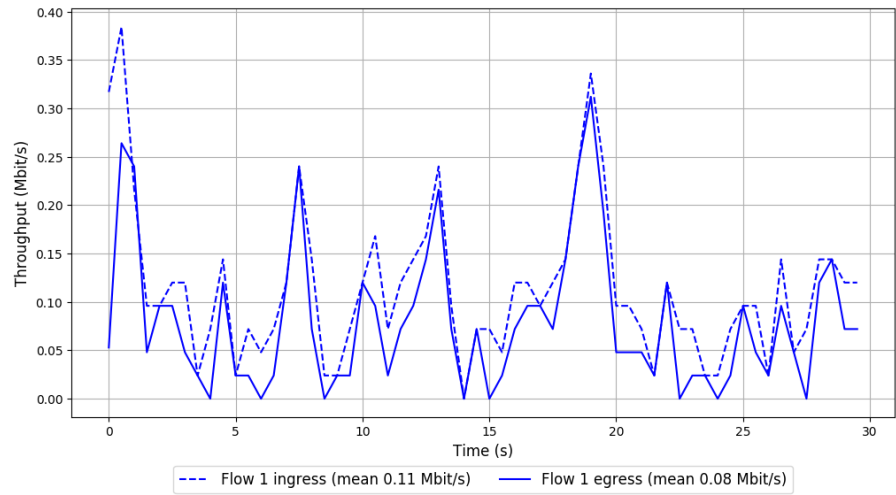
-- Flow 1:

Average throughput: 0.08 Mbit/s

95th percentile per-packet one-way delay: 71.200 ms

Loss rate: 30.15%

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

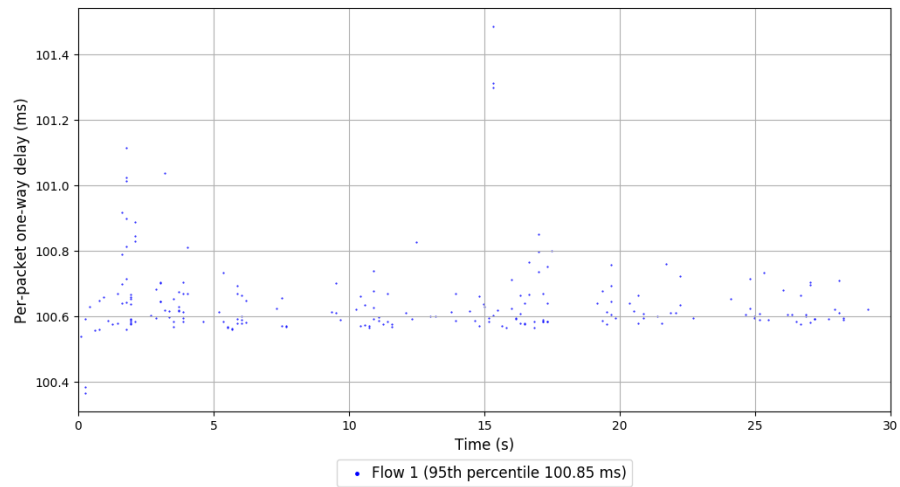
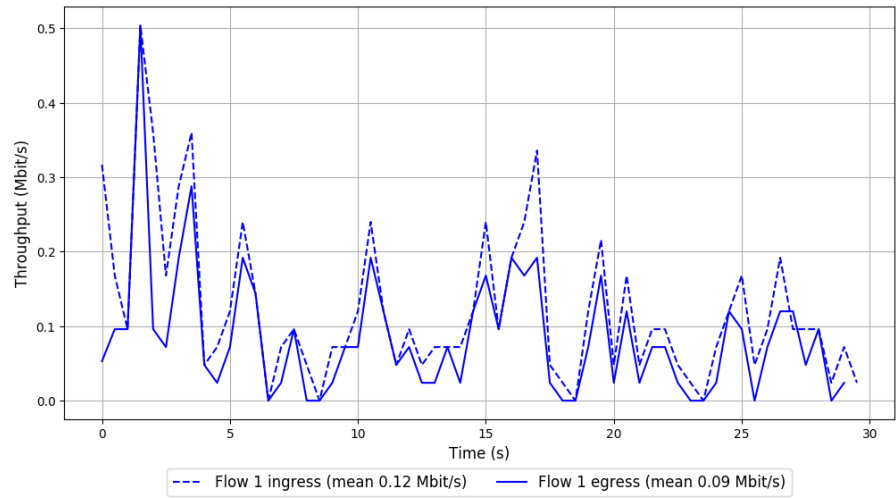


Run 9: Statistics of TCP Cubic

Start at: 2018-01-09 06:38:12  
End at: 2018-01-09 06:38:42  
Local clock offset: 0.525 ms  
Remote clock offset: -18.716 ms

# Below is generated by plot.py at 2018-01-09 23:03:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.09 Mbit/s  
95th percentile per-packet one-way delay: 100.852 ms  
Loss rate: 32.45%  
-- Flow 1:  
Average throughput: 0.09 Mbit/s  
95th percentile per-packet one-way delay: 100.852 ms  
Loss rate: 32.45%

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



Run 10: Statistics of TCP Cubic

Start at: 2018-01-09 07:35:13

End at: 2018-01-09 07:35:43

Local clock offset: -0.328 ms

Remote clock offset: 0.576 ms

# Below is generated by plot.py at 2018-01-09 23:03:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 83.047 ms

Loss rate: 33.70%

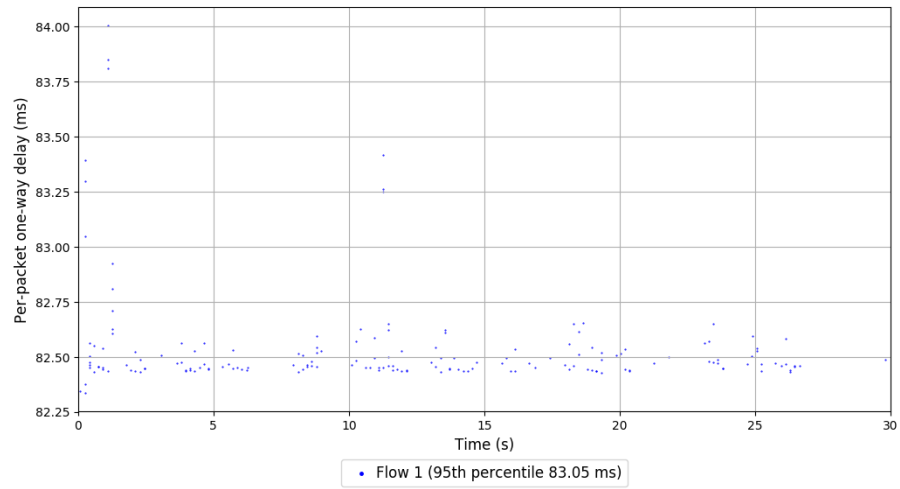
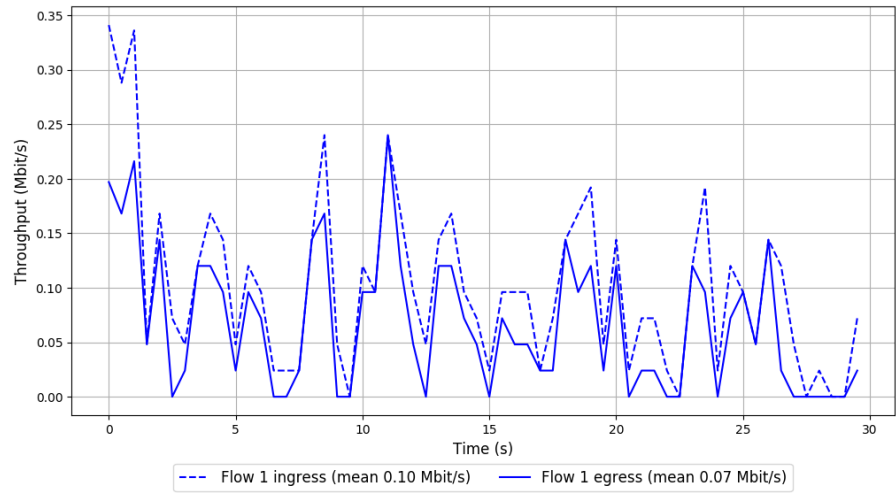
-- Flow 1:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 83.047 ms

Loss rate: 33.70%

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



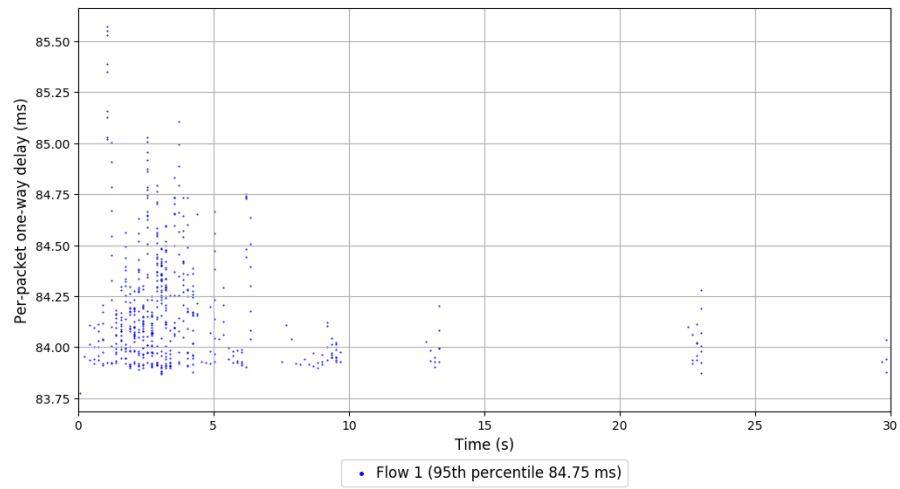
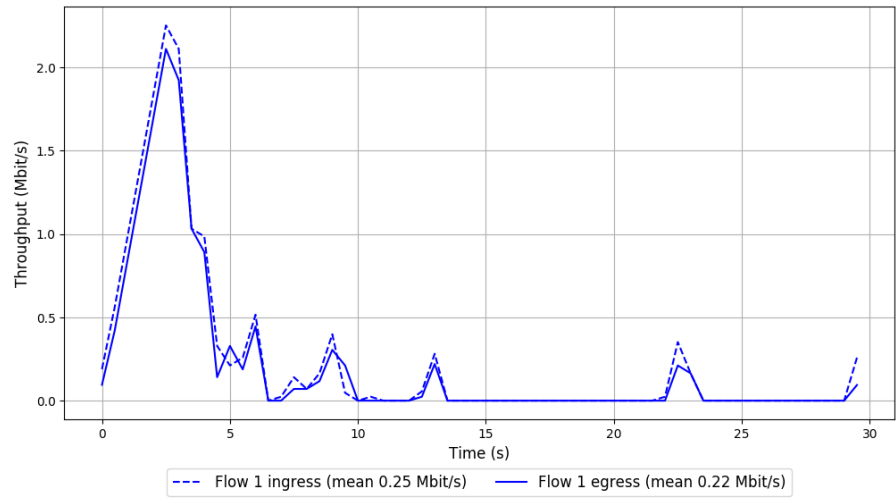
```
Run 1: Statistics of LEDBAT

Start at: 2018-01-08 19:12:40
End at: 2018-01-08 19:13:10
Local clock offset: 4.026 ms
Remote clock offset: -5.477 ms

# Below is generated by plot.py at 2018-01-09 23:03:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.751 ms
Loss rate: 12.31%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.751 ms
Loss rate: 12.31%
```



# Run 1: Report of LEDBAT — Data Link

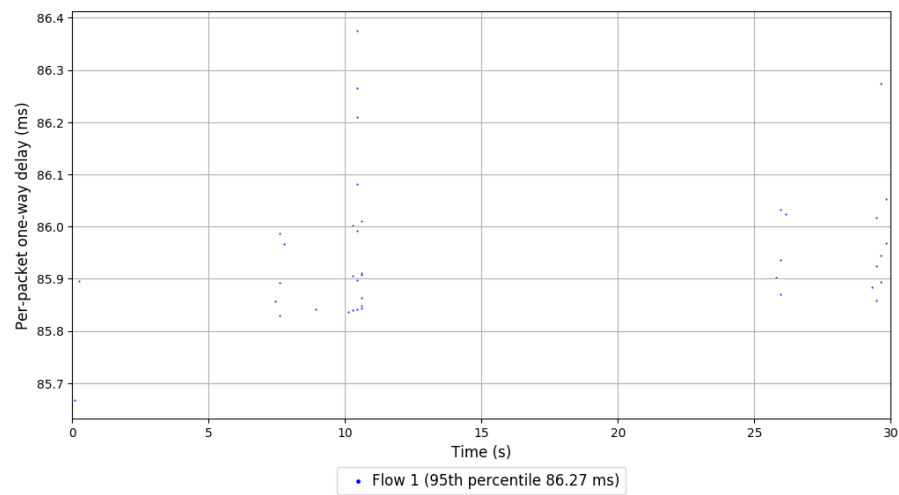
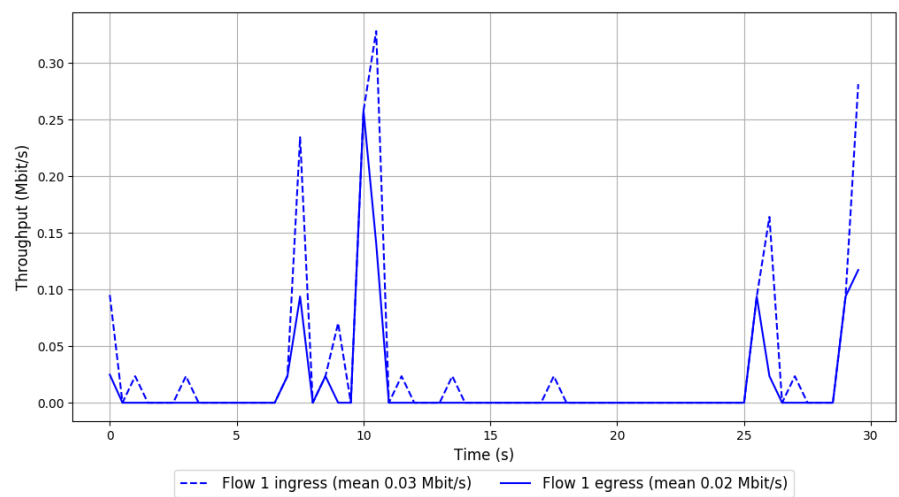


```
Run 2: Statistics of LEDBAT

Start at: 2018-01-08 21:02:59
End at: 2018-01-08 21:03:29
Local clock offset: 2.24 ms
Remote clock offset: -2.804 ms

# Below is generated by plot.py at 2018-01-09 23:03:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.02 Mbit/s
95th percentile per-packet one-way delay: 86.265 ms
Loss rate: 50.61%
-- Flow 1:
Average throughput: 0.02 Mbit/s
95th percentile per-packet one-way delay: 86.265 ms
Loss rate: 50.61%
```

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

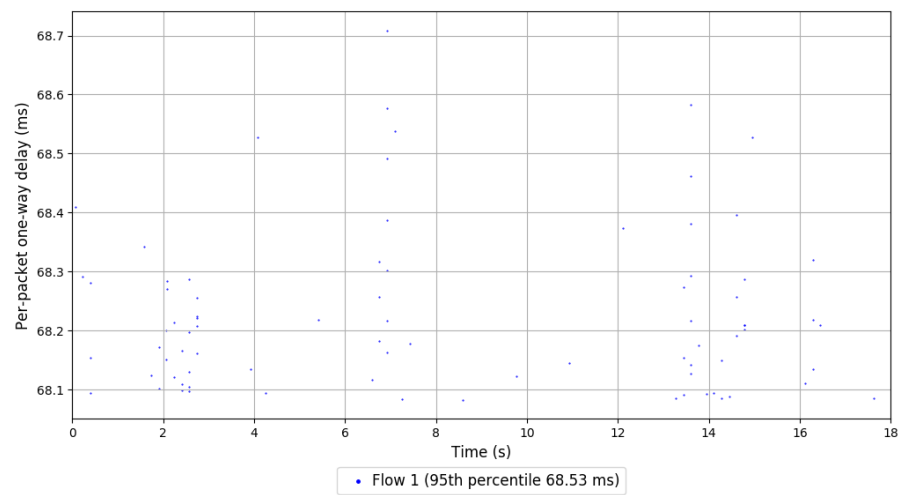
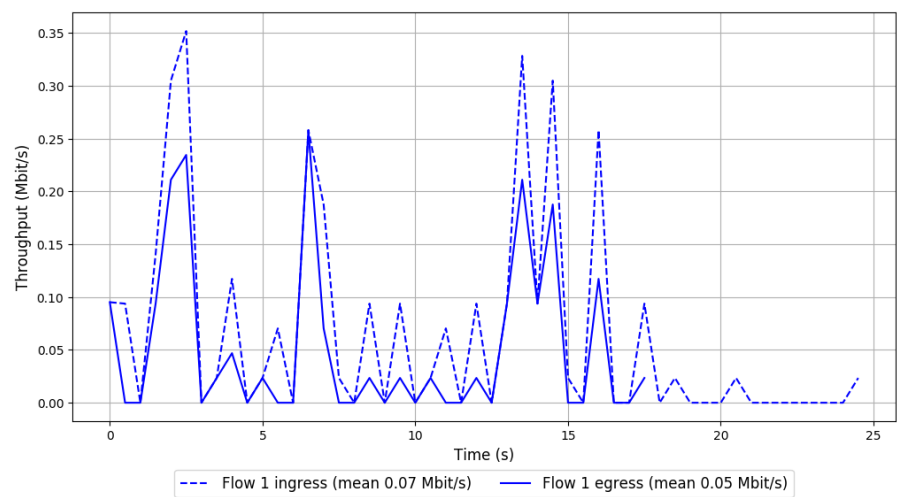
Start at: 2018-01-08 22:19:38

End at: 2018-01-08 22:20:08

Local clock offset: 2.482 ms

Remote clock offset: 14.526 ms

Run 3: Report of LEDBAT — Data Link

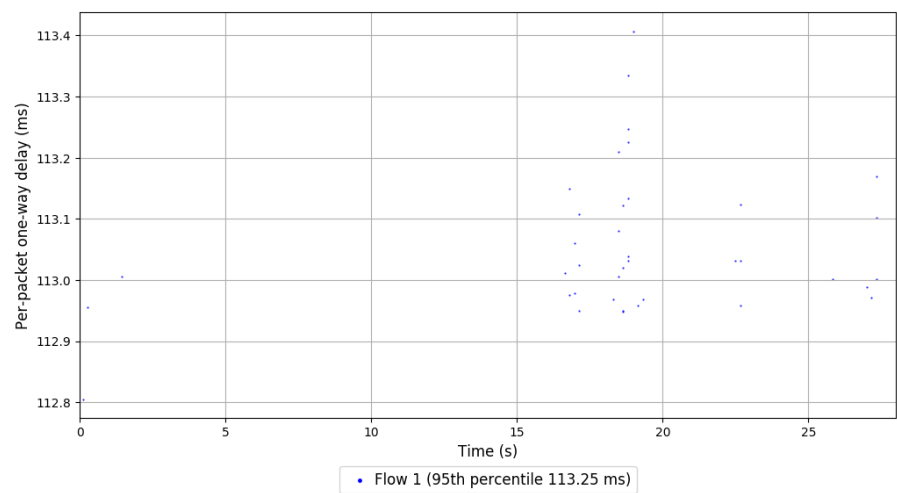
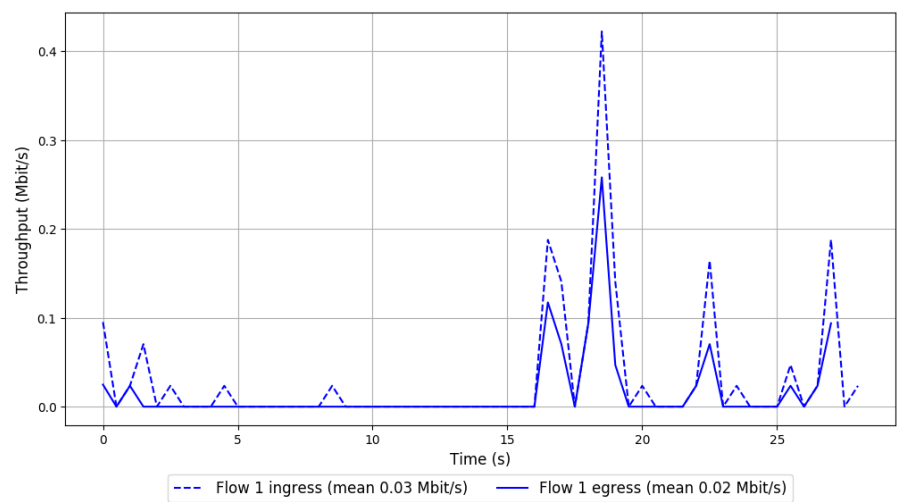


Run 4: Statistics of LEDBAT

Start at: 2018-01-08 23:36:06  
End at: 2018-01-08 23:36:36  
Local clock offset: 15.051 ms  
Remote clock offset: -14.364 ms

# Below is generated by plot.py at 2018-01-09 23:03:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.02 Mbit/s  
95th percentile per-packet one-way delay: 113.247 ms  
Loss rate: 50.63%  
-- Flow 1:  
Average throughput: 0.02 Mbit/s  
95th percentile per-packet one-way delay: 113.247 ms  
Loss rate: 50.63%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-01-09 01:04:07

End at: 2018-01-09 01:04:37

Local clock offset: -9.738 ms

Remote clock offset: -0.64 ms

# Below is generated by plot.py at 2018-01-09 23:03:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: 79.863 ms

Loss rate: 21.30%

-- Flow 1:

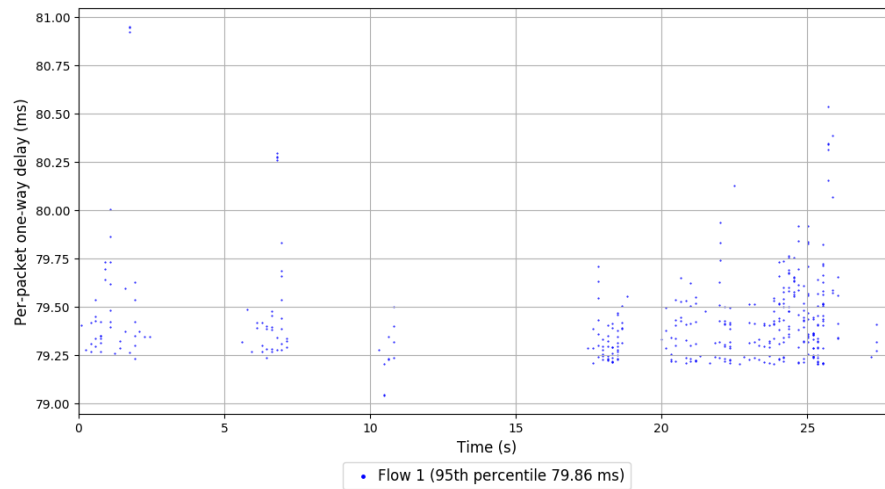
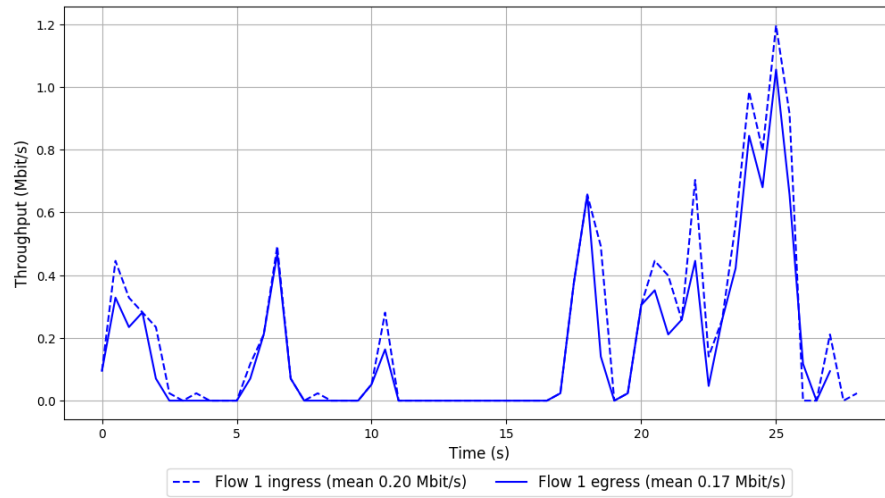
Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: 79.863 ms

Loss rate: 21.30%



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



Run 6: Statistics of LEDBAT

Start at: 2018-01-09 02:30:44

End at: 2018-01-09 02:31:14

Local clock offset: -3.238 ms

Remote clock offset: 2.695 ms

# Below is generated by plot.py at 2018-01-09 23:03:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 80.297 ms

Loss rate: 32.82%

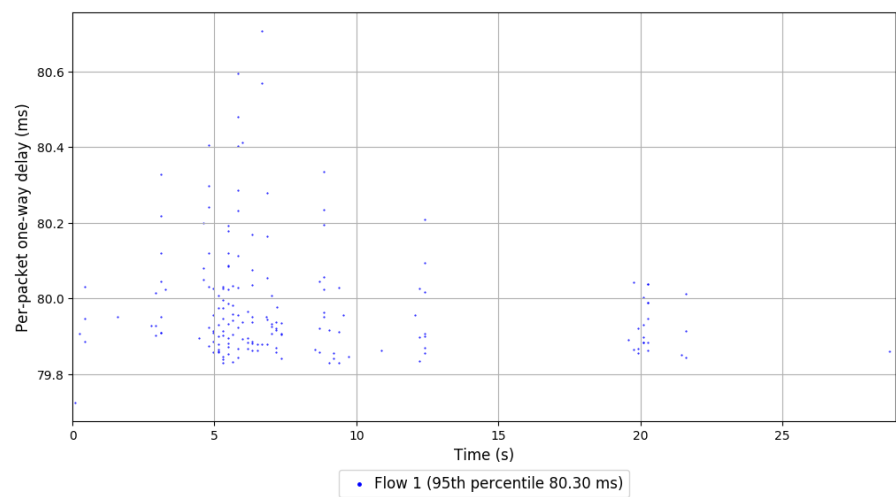
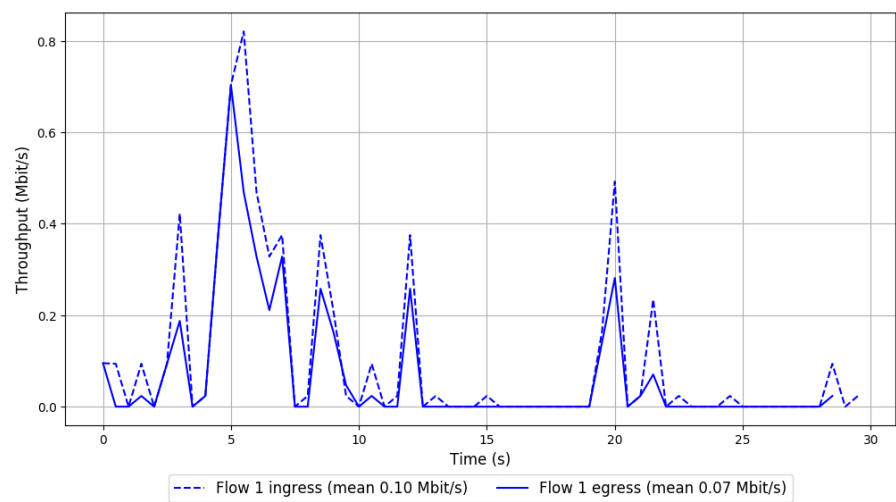
-- Flow 1:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 80.297 ms

Loss rate: 32.82%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

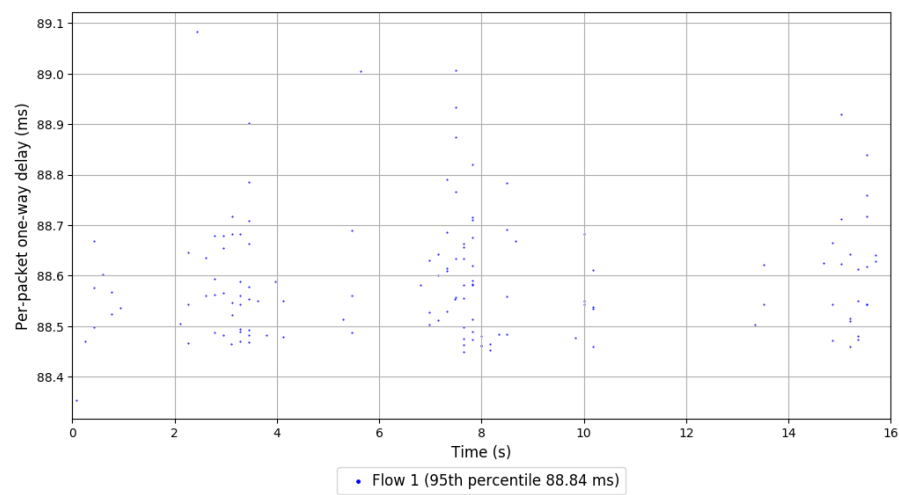
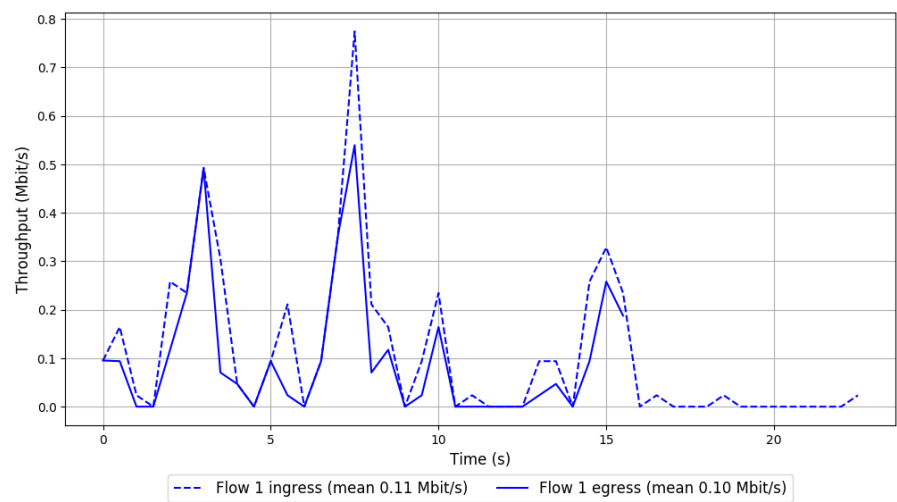
Start at: 2018-01-09 03:51:03

End at: 2018-01-09 03:51:33

Local clock offset: 0.417 ms

Remote clock offset: -7.741 ms

Run 7: Report of LEDBAT — Data Link

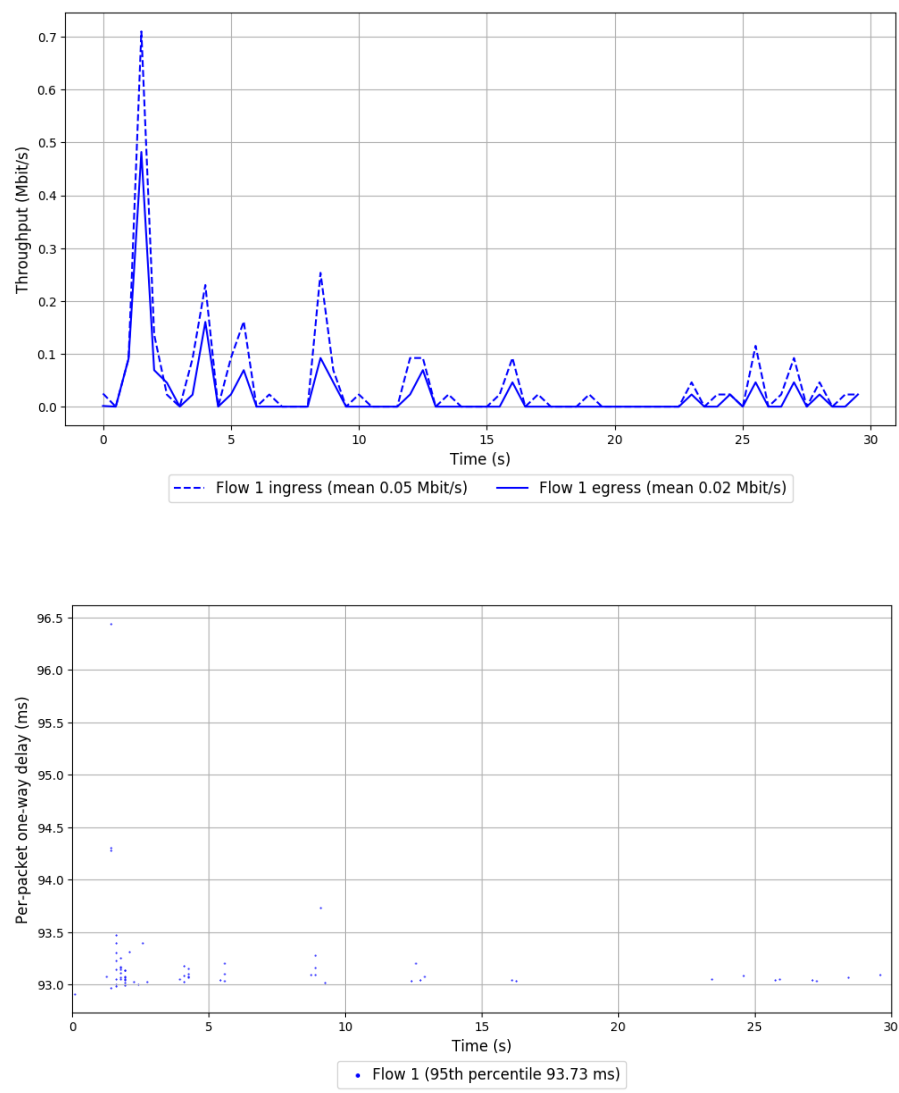


Run 8: Statistics of LEDBAT

Start at: 2018-01-09 05:18:06  
End at: 2018-01-09 05:18:36  
Local clock offset: 2.797 ms  
Remote clock offset: -14.196 ms

# Below is generated by plot.py at 2018-01-09 23:03:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.02 Mbit/s  
95th percentile per-packet one-way delay: 93.731 ms  
Loss rate: 47.46%  
-- Flow 1:  
Average throughput: 0.02 Mbit/s  
95th percentile per-packet one-way delay: 93.731 ms  
Loss rate: 47.46%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-01-09 06:20:17

End at: 2018-01-09 06:20:47

Local clock offset: 1.445 ms

Remote clock offset: -5.12 ms

# Below is generated by plot.py at 2018-01-09 23:03:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 88.718 ms

Loss rate: 28.57%

-- Flow 1:

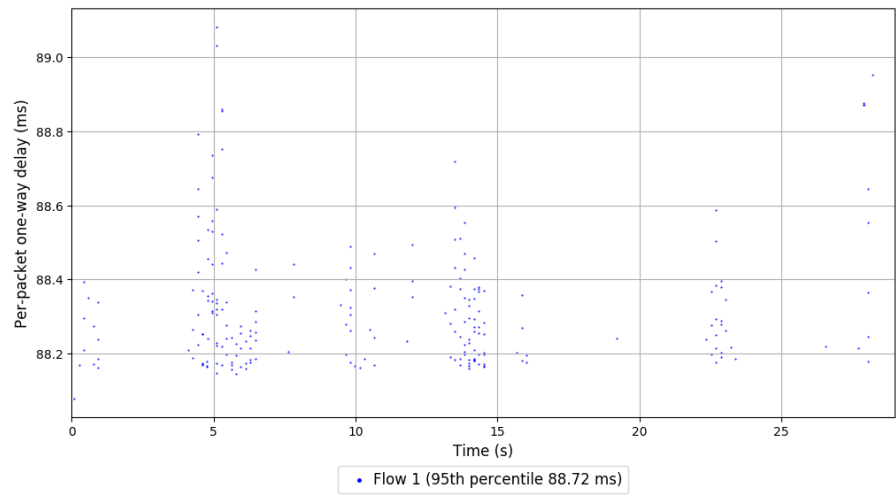
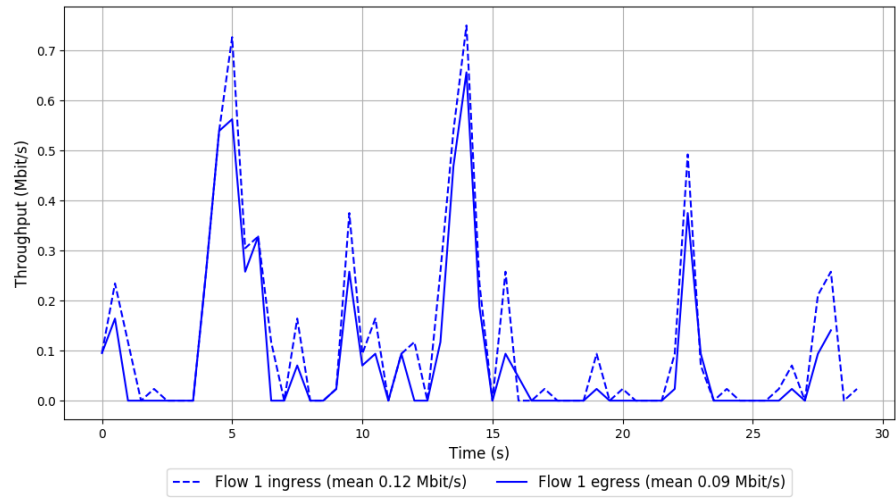
Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 88.718 ms

Loss rate: 28.57%



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



Run 10: Statistics of LEDBAT

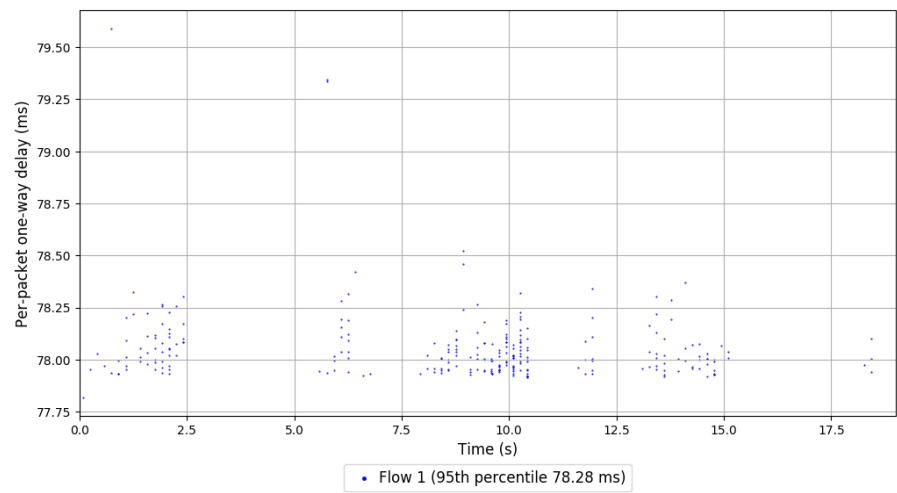
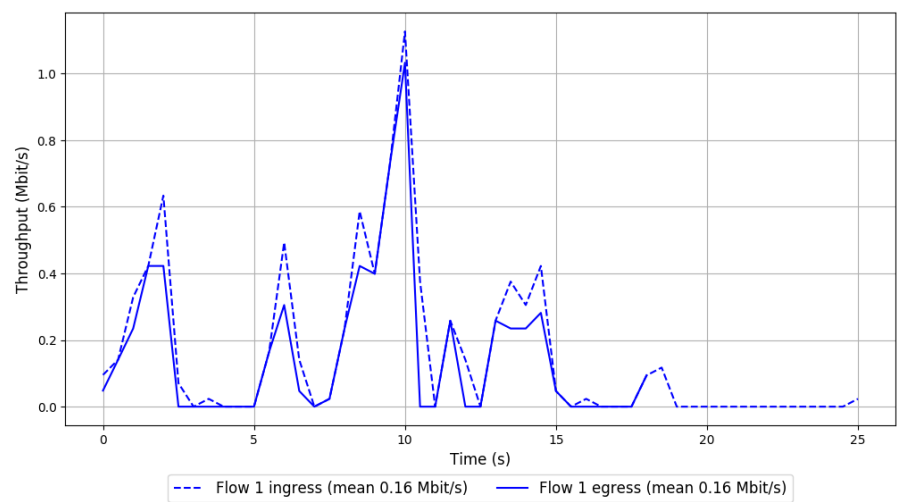
Start at: 2018-01-09 07:18:38

End at: 2018-01-09 07:19:09

Local clock offset: -0.215 ms

Remote clock offset: 1.809 ms

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: 2018-01-08 18:53:02

End at: 2018-01-08 18:53:32

Local clock offset: 1.234 ms

Remote clock offset: -14.4 ms

# Below is generated by plot.py at 2018-01-09 23:03:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.81 Mbit/s

95th percentile per-packet one-way delay: 96.147 ms

Loss rate: 17.59%

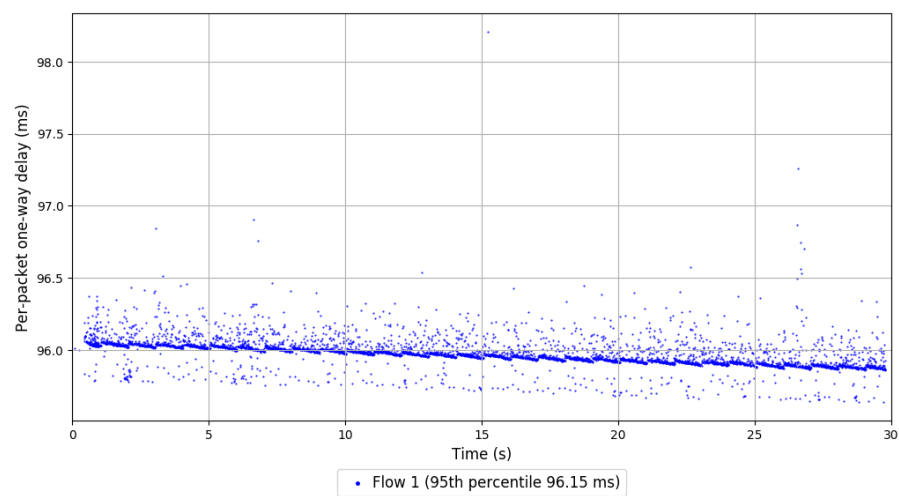
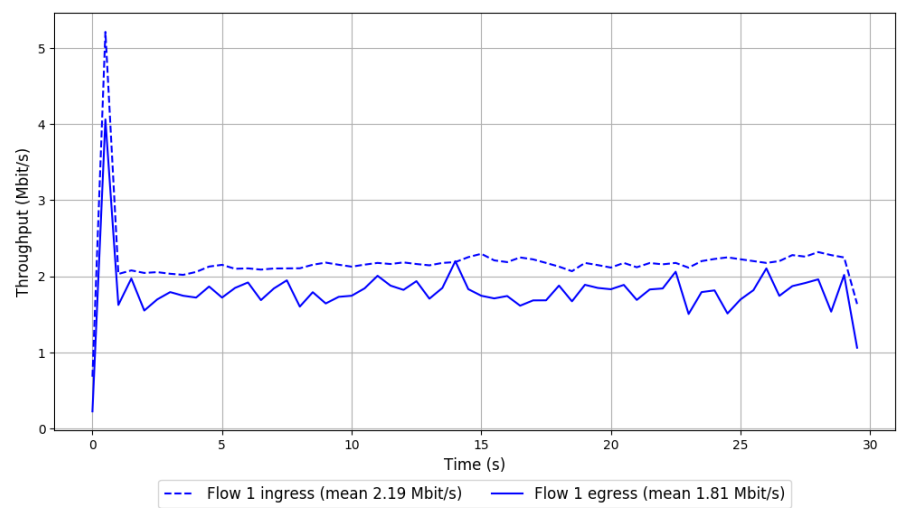
-- Flow 1:

Average throughput: 1.81 Mbit/s

95th percentile per-packet one-way delay: 96.147 ms

Loss rate: 17.59%

Run 1: Report of PCC — Data Link

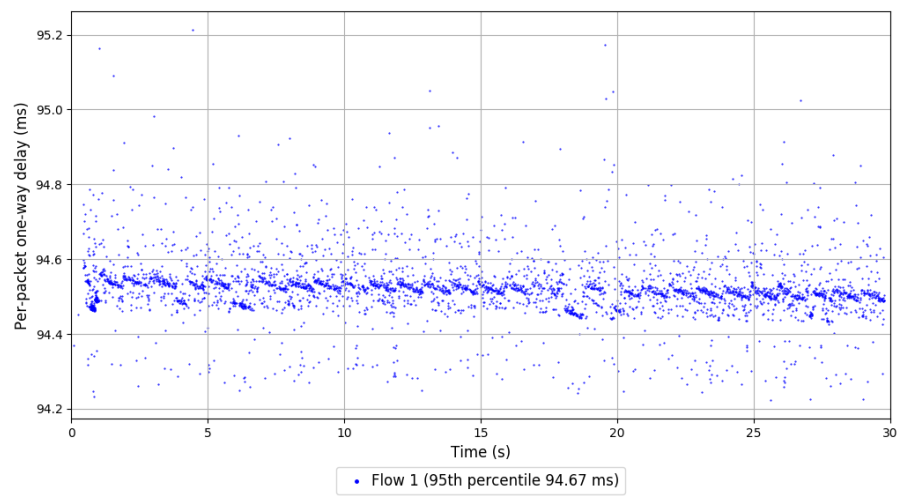
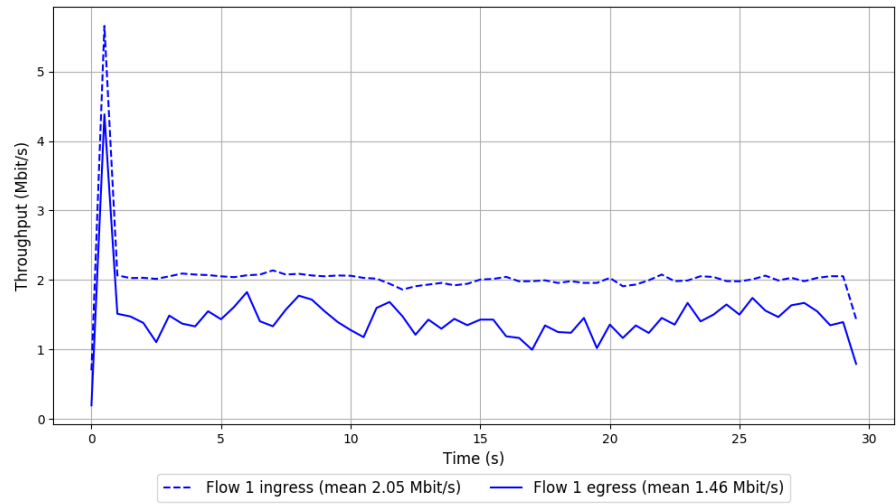


Run 2: Statistics of PCC

Start at: 2018-01-08 19:58:00  
End at: 2018-01-08 19:58:30  
Local clock offset: 4.193 ms  
Remote clock offset: -12.978 ms

# Below is generated by plot.py at 2018-01-09 23:03:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.46 Mbit/s  
95th percentile per-packet one-way delay: 94.672 ms  
Loss rate: 29.28%  
-- Flow 1:  
Average throughput: 1.46 Mbit/s  
95th percentile per-packet one-way delay: 94.672 ms  
Loss rate: 29.28%

## Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-01-08 21:42:15

End at: 2018-01-08 21:42:45

Local clock offset: 1.884 ms

Remote clock offset: -3.91 ms

# Below is generated by plot.py at 2018-01-09 23:03:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.35 Mbit/s

95th percentile per-packet one-way delay: 86.520 ms

Loss rate: 32.96%

-- Flow 1:

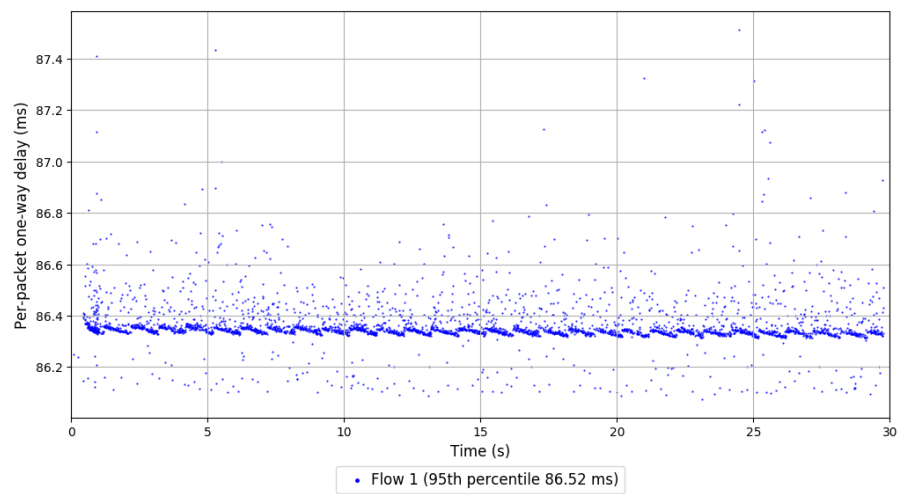
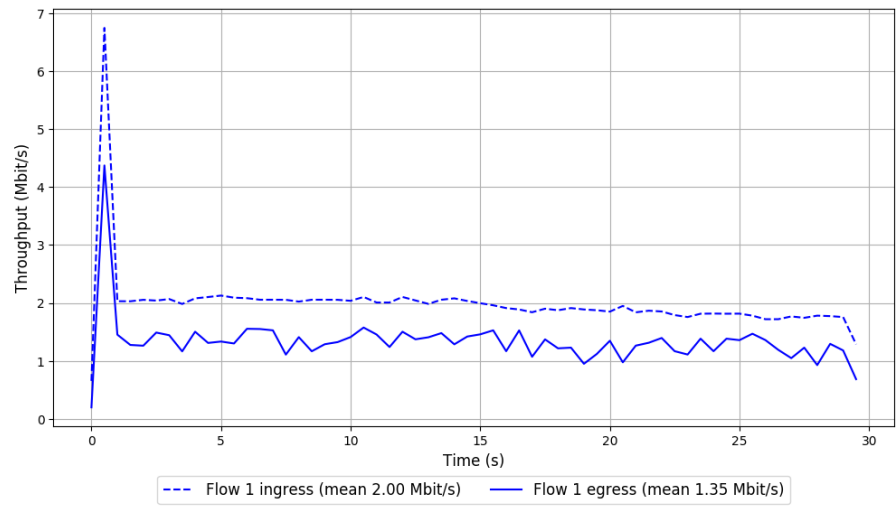
Average throughput: 1.35 Mbit/s

95th percentile per-packet one-way delay: 86.520 ms

Loss rate: 32.96%



### Run 3: Report of PCC — Data Link

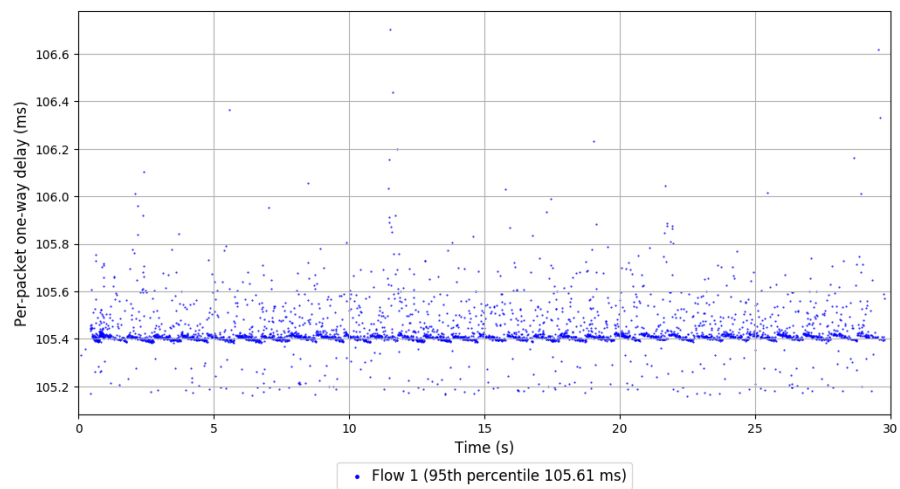
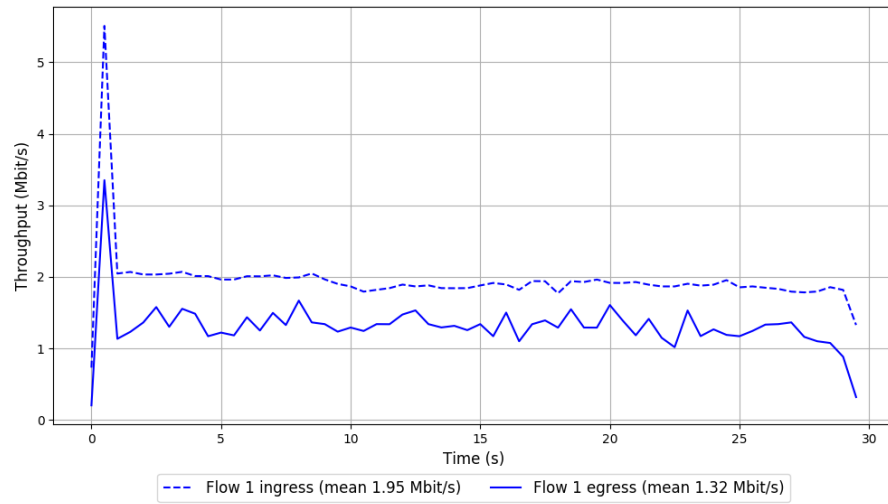


Run 4: Statistics of PCC

Start at: 2018-01-08 23:00:50  
End at: 2018-01-08 23:01:20  
Local clock offset: 11.957 ms  
Remote clock offset: -13.129 ms

# Below is generated by plot.py at 2018-01-09 23:03:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.32 Mbit/s  
95th percentile per-packet one-way delay: 105.610 ms  
Loss rate: 32.85%  
-- Flow 1:  
Average throughput: 1.32 Mbit/s  
95th percentile per-packet one-way delay: 105.610 ms  
Loss rate: 32.85%

#### Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-01-09 00:12:23

End at: 2018-01-09 00:12:53

Local clock offset: 9.651 ms

Remote clock offset: 2.675 ms

# Below is generated by plot.py at 2018-01-09 23:03:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 94.470 ms

Loss rate: 38.97%

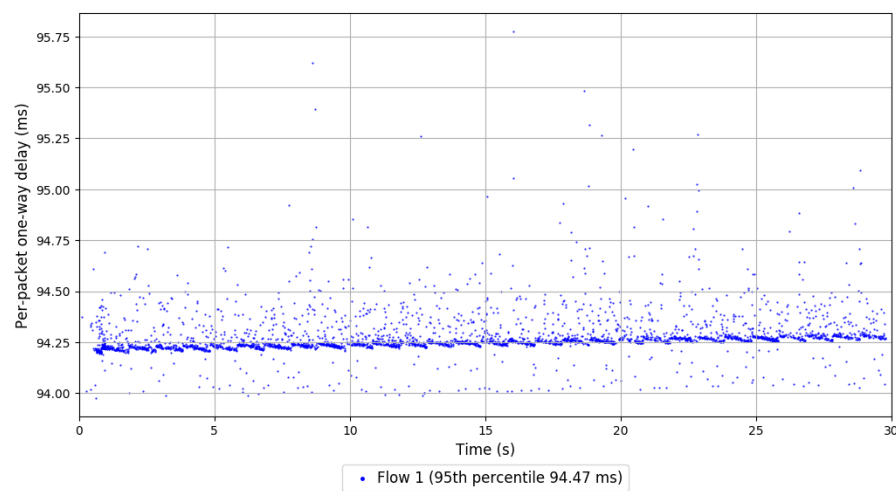
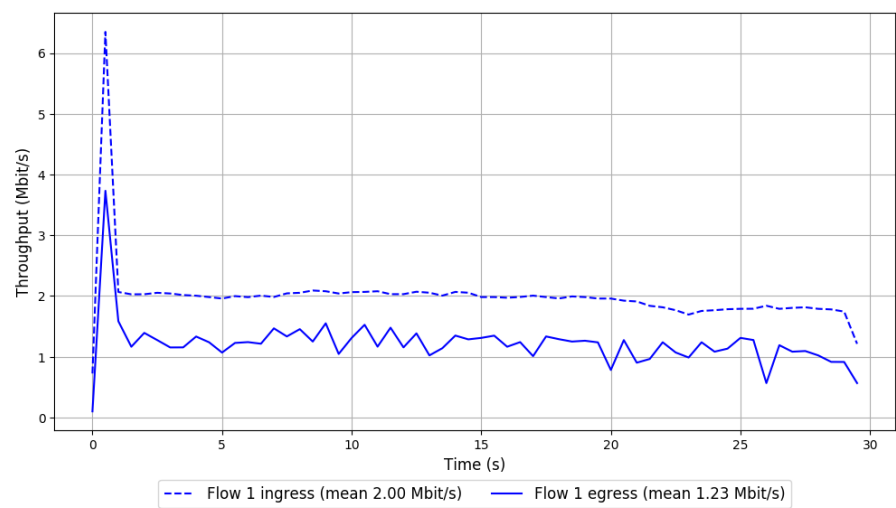
-- Flow 1:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 94.470 ms

Loss rate: 38.97%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-01-09 01:36:47

End at: 2018-01-09 01:37:17

Local clock offset: -8.721 ms

Remote clock offset: 4.982 ms

# Below is generated by plot.py at 2018-01-09 23:03:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.47 Mbit/s

95th percentile per-packet one-way delay: 75.184 ms

Loss rate: 32.92%

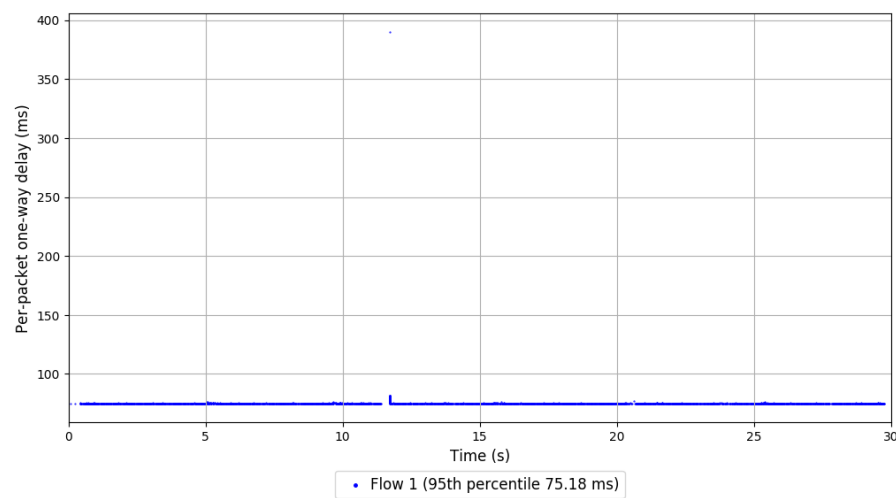
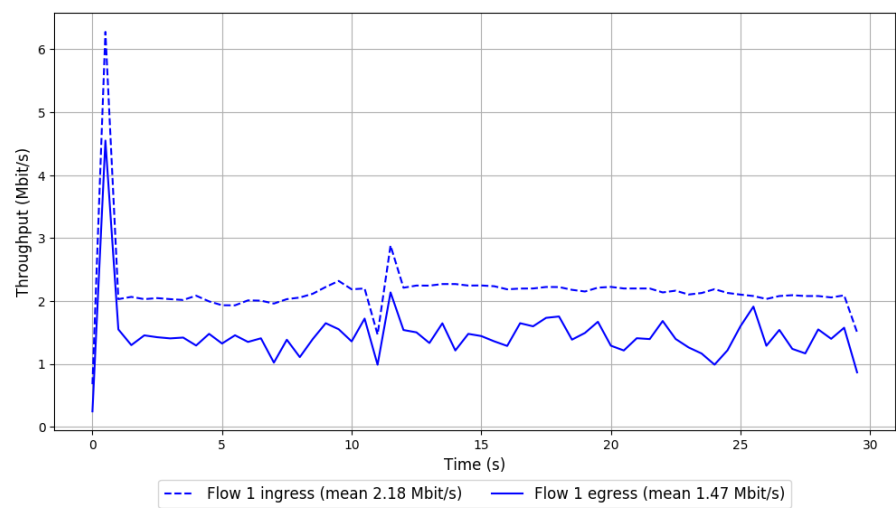
-- Flow 1:

Average throughput: 1.47 Mbit/s

95th percentile per-packet one-way delay: 75.184 ms

Loss rate: 32.92%

Run 6: Report of PCC — Data Link



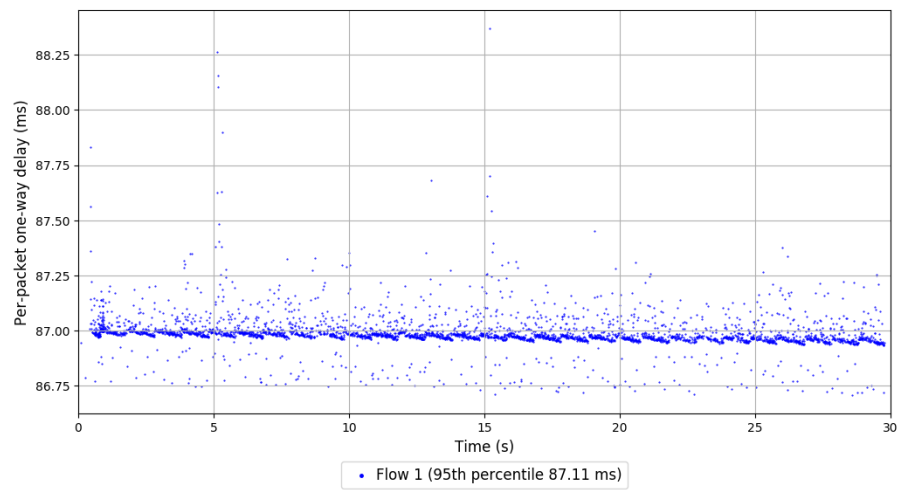
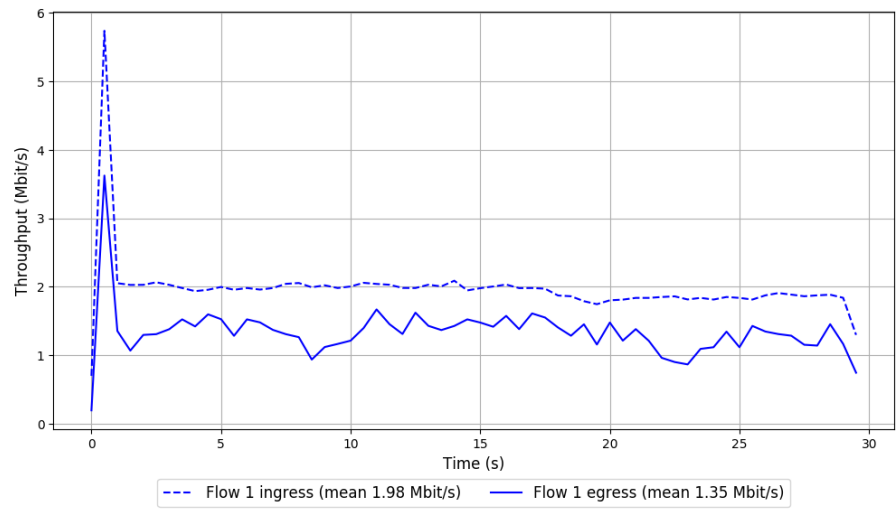
Run 7: Statistics of PCC

Start at: 2018-01-09 03:08:38  
End at: 2018-01-09 03:09:08  
Local clock offset: -1.524 ms  
Remote clock offset: -5.939 ms

# Below is generated by plot.py at 2018-01-09 23:03:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.35 Mbit/s  
95th percentile per-packet one-way delay: 87.114 ms  
Loss rate: 32.16%  
-- Flow 1:  
Average throughput: 1.35 Mbit/s  
95th percentile per-packet one-way delay: 87.114 ms  
Loss rate: 32.16%



### Run 7: Report of PCC — Data Link

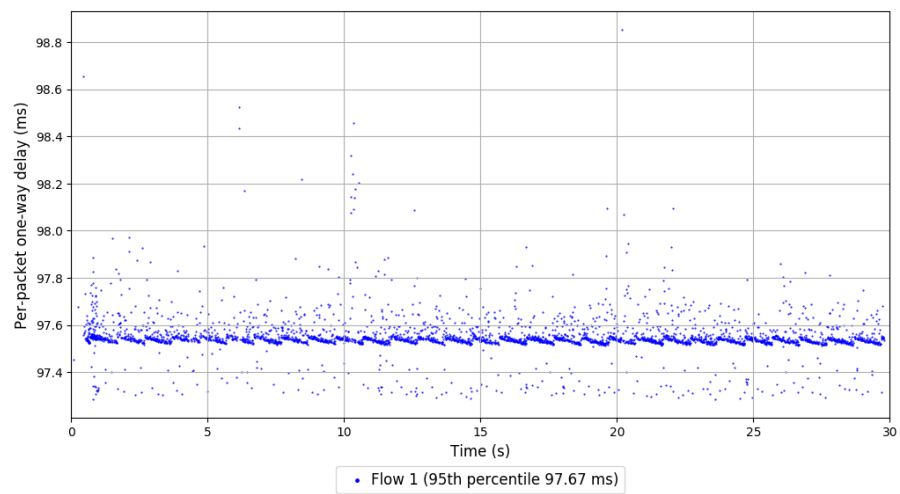
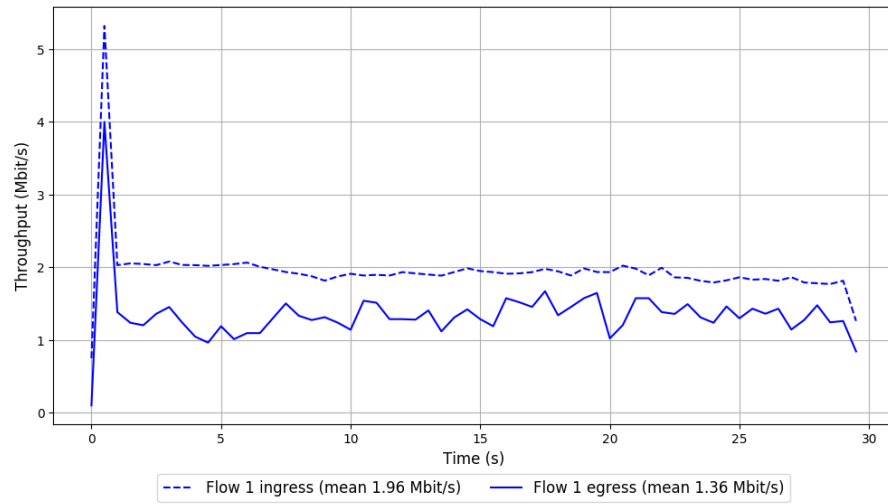


Run 8: Statistics of PCC

Start at: 2018-01-09 04:24:14  
End at: 2018-01-09 04:24:44  
Local clock offset: 1.893 ms  
Remote clock offset: -19.966 ms

# Below is generated by plot.py at 2018-01-09 23:03:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.36 Mbit/s  
95th percentile per-packet one-way delay: 97.665 ms  
Loss rate: 30.99%  
-- Flow 1:  
Average throughput: 1.36 Mbit/s  
95th percentile per-packet one-way delay: 97.665 ms  
Loss rate: 30.99%

# Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-01-09 05:54:51

End at: 2018-01-09 05:55:21

Local clock offset: 2.34 ms

Remote clock offset: 0.179 ms

# Below is generated by plot.py at 2018-01-09 23:03:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.51 Mbit/s

95th percentile per-packet one-way delay: 79.420 ms

Loss rate: 30.56%

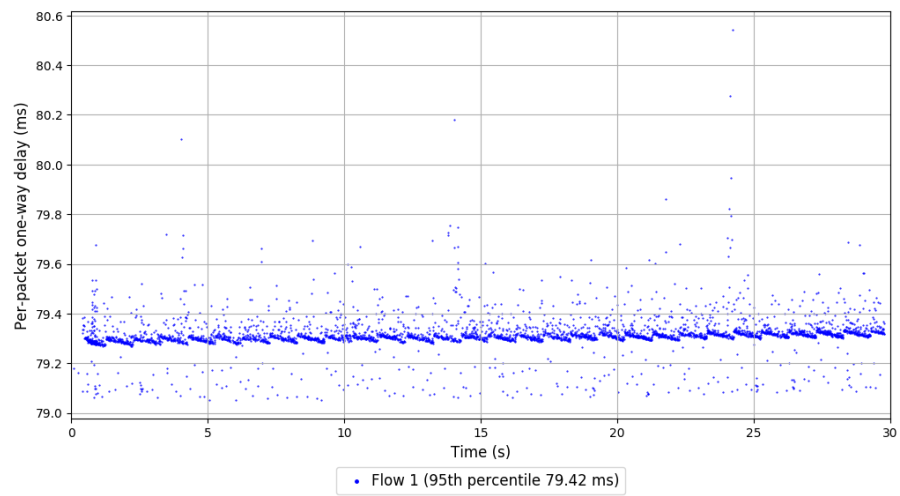
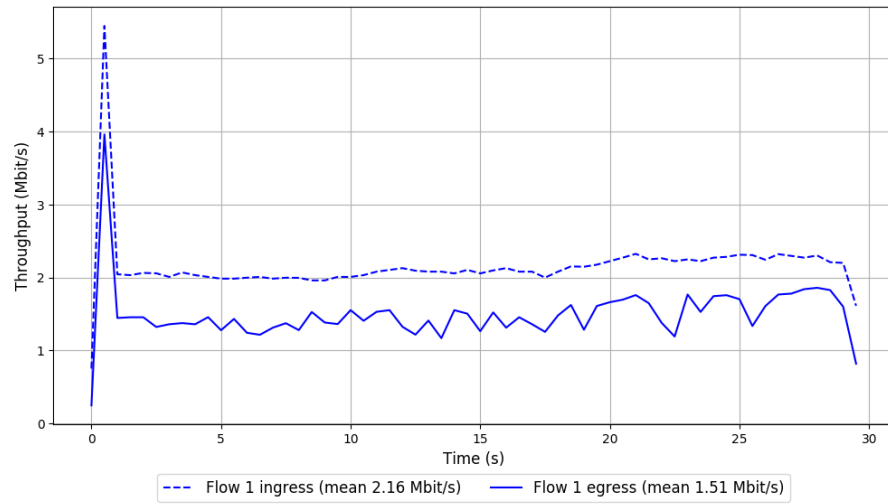
-- Flow 1:

Average throughput: 1.51 Mbit/s

95th percentile per-packet one-way delay: 79.420 ms

Loss rate: 30.56%

### Run 9: Report of PCC — Data Link

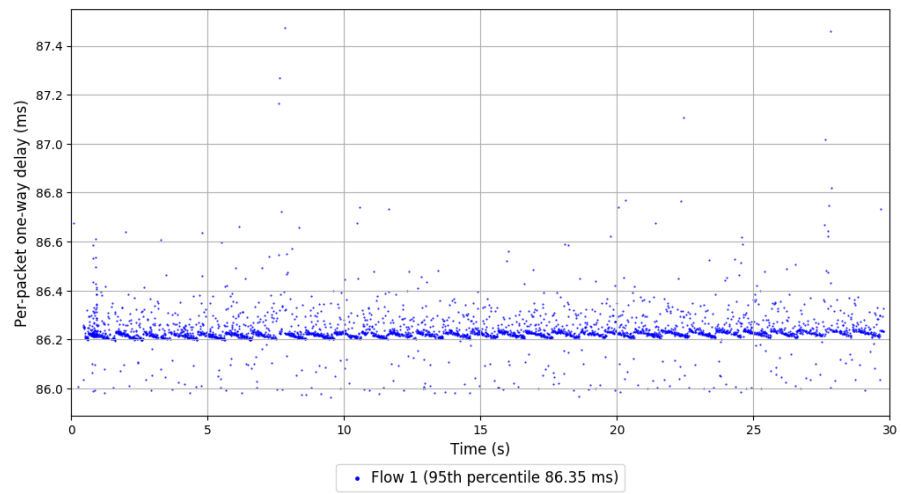
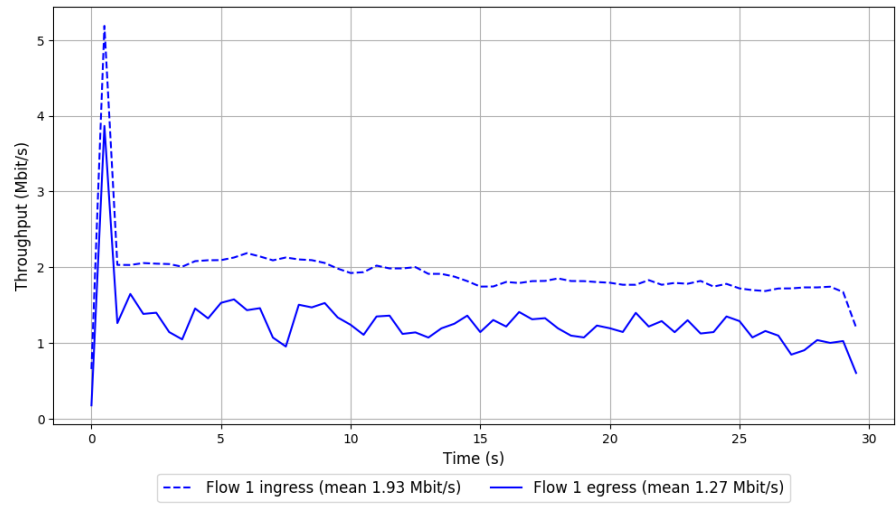


Run 10: Statistics of PCC

Start at: 2018-01-09 06:52:28  
End at: 2018-01-09 06:52:58  
Local clock offset: 0.242 ms  
Remote clock offset: -4.595 ms

# Below is generated by plot.py at 2018-01-09 23:03:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.27 Mbit/s  
95th percentile per-packet one-way delay: 86.347 ms  
Loss rate: 34.53%  
-- Flow 1:  
Average throughput: 1.27 Mbit/s  
95th percentile per-packet one-way delay: 86.347 ms  
Loss rate: 34.53%

# Run 10: Report of PCC — Data Link



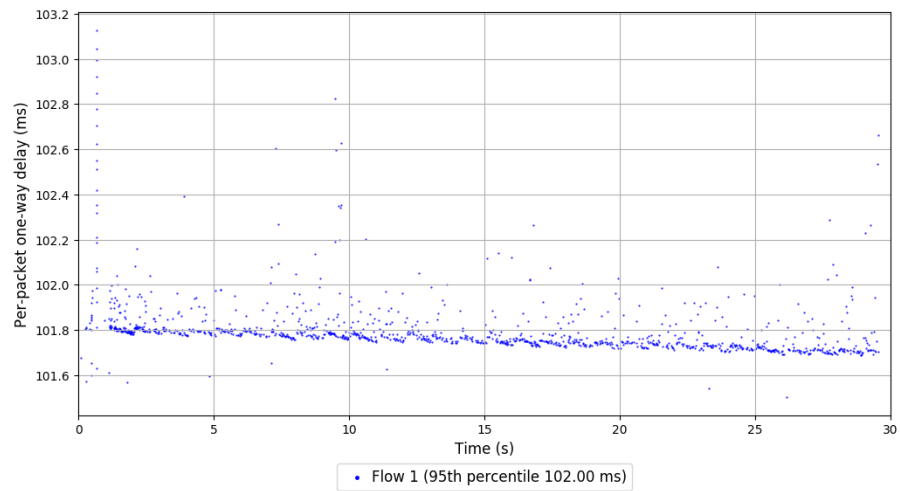
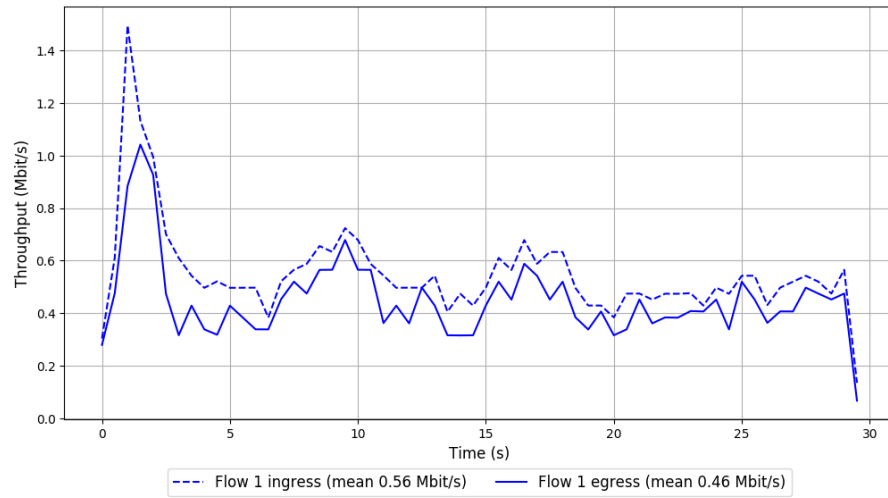
Run 1: Statistics of QUIC Cubic

Start at: 2018-01-08 18:51:49  
End at: 2018-01-08 18:52:19  
Local clock offset: 0.9 ms  
Remote clock offset: -20.073 ms

# Below is generated by plot.py at 2018-01-09 23:03:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.46 Mbit/s  
95th percentile per-packet one-way delay: 102.001 ms  
Loss rate: 18.39%  
-- Flow 1:  
Average throughput: 0.46 Mbit/s  
95th percentile per-packet one-way delay: 102.001 ms  
Loss rate: 18.39%



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



Run 2: Statistics of QUIC Cubic

Start at: 2018-01-08 19:56:38

End at: 2018-01-08 19:57:08

Local clock offset: 3.973 ms

Remote clock offset: -17.88 ms

# Below is generated by plot.py at 2018-01-09 23:03:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.37 Mbit/s

95th percentile per-packet one-way delay: 98.205 ms

Loss rate: 31.03%

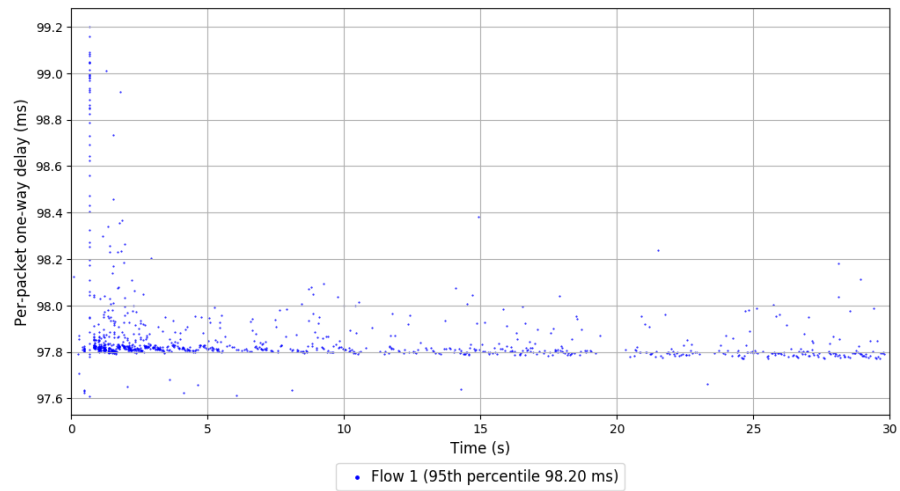
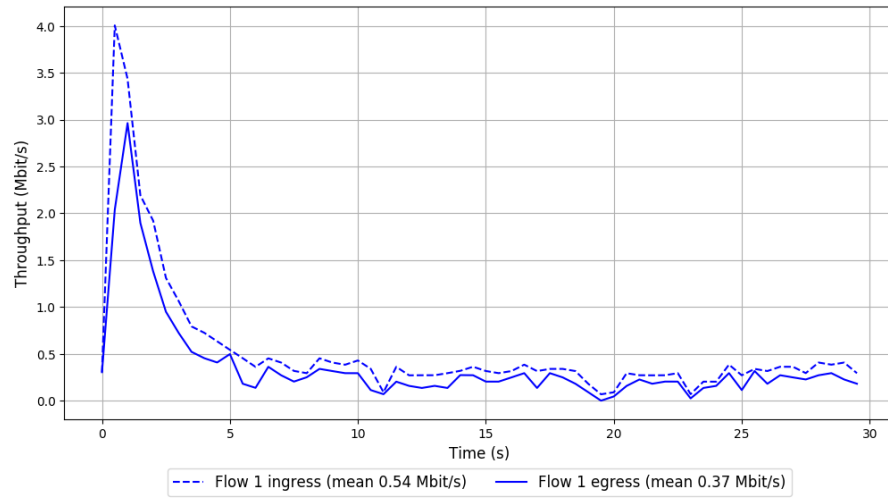
-- Flow 1:

Average throughput: 0.37 Mbit/s

95th percentile per-packet one-way delay: 98.205 ms

Loss rate: 31.03%

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



Run 3: Statistics of QUIC Cubic

Start at: 2018-01-08 21:41:02

End at: 2018-01-08 21:41:32

Local clock offset: 1.84 ms

Remote clock offset: -2.996 ms

# Below is generated by plot.py at 2018-01-09 23:03:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.25 Mbit/s

95th percentile per-packet one-way delay: 84.169 ms

Loss rate: 34.16%

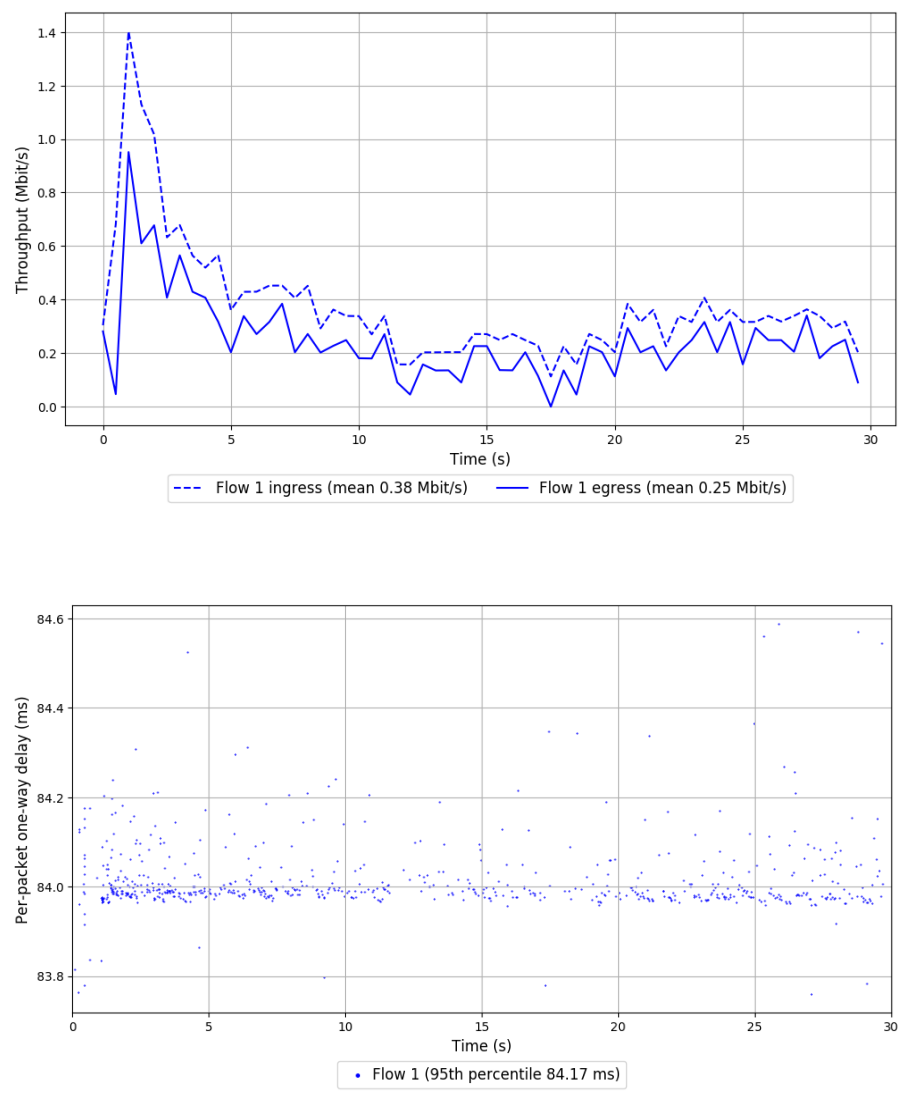
-- Flow 1:

Average throughput: 0.25 Mbit/s

95th percentile per-packet one-way delay: 84.169 ms

Loss rate: 34.16%

Run 3: Report of QUIC Cubic — Data Link

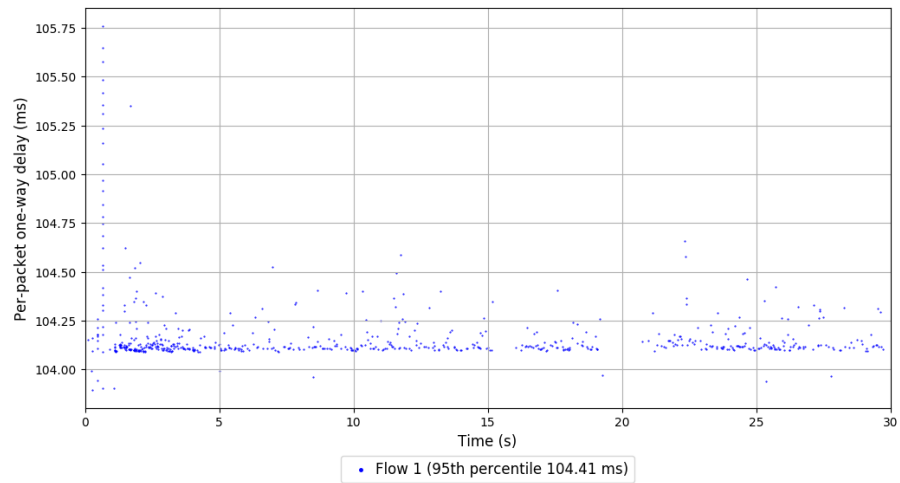
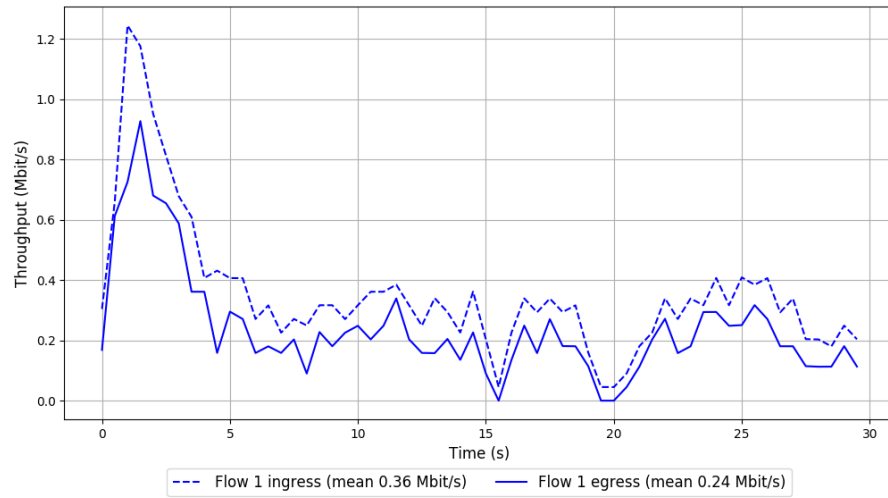


Run 4: Statistics of QUIC Cubic

Start at: 2018-01-08 22:59:39  
End at: 2018-01-08 23:00:09  
Local clock offset: 6.793 ms  
Remote clock offset: -17.208 ms

# Below is generated by plot.py at 2018-01-09 23:03:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.24 Mbit/s  
95th percentile per-packet one-way delay: 104.405 ms  
Loss rate: 32.20%  
-- Flow 1:  
Average throughput: 0.24 Mbit/s  
95th percentile per-packet one-way delay: 104.405 ms  
Loss rate: 32.20%

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



Run 5: Statistics of QUIC Cubic

Start at: 2018-01-09 00:11:07

End at: 2018-01-09 00:11:37

Local clock offset: 11.109 ms

Remote clock offset: 4.659 ms

# Below is generated by plot.py at 2018-01-09 23:03:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.23 Mbit/s

95th percentile per-packet one-way delay: 93.471 ms

Loss rate: 34.57%

-- Flow 1:

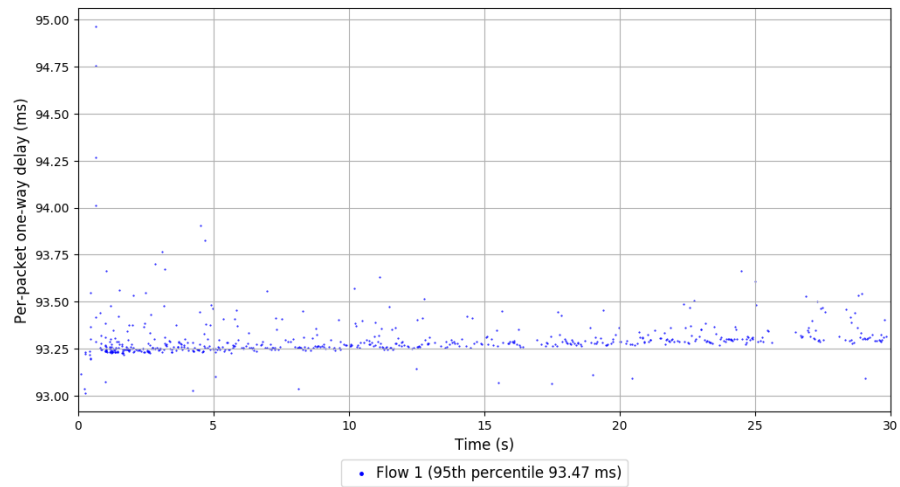
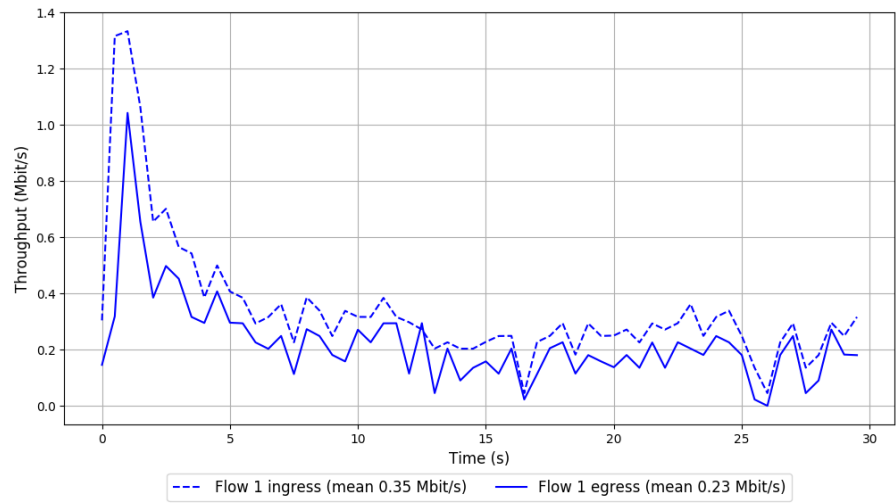
Average throughput: 0.23 Mbit/s

95th percentile per-packet one-way delay: 93.471 ms

Loss rate: 34.57%



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



Run 6: Statistics of QUIC Cubic

Start at: 2018-01-09 01:35:35

End at: 2018-01-09 01:36:05

Local clock offset: -8.711 ms

Remote clock offset: 9.721 ms

# Below is generated by plot.py at 2018-01-09 23:03:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 71.833 ms

Loss rate: 32.67%

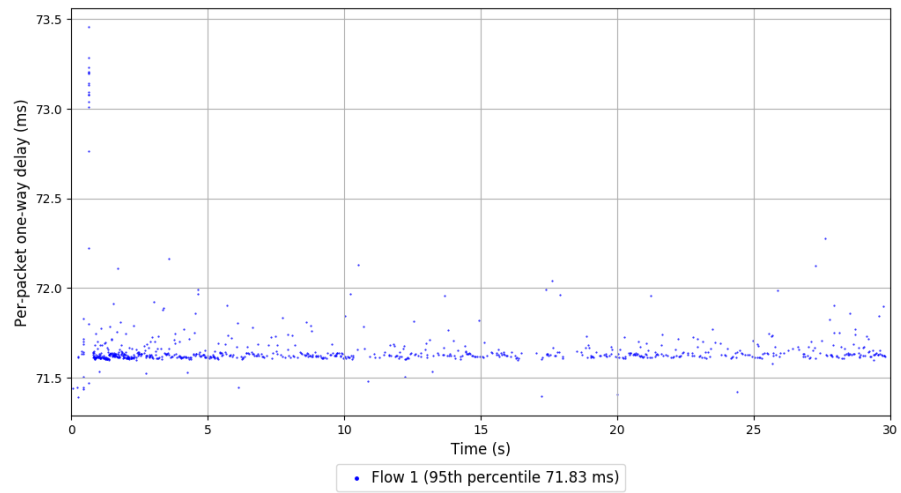
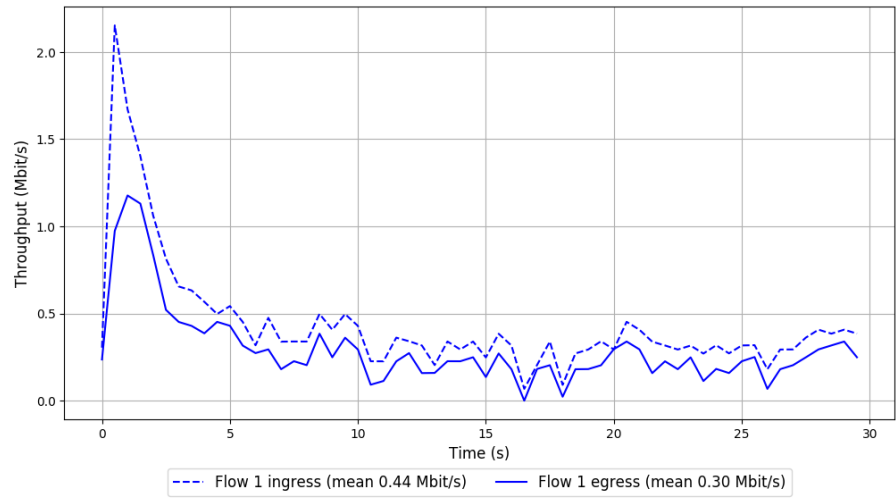
-- Flow 1:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 71.833 ms

Loss rate: 32.67%

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



Run 7: Statistics of QUIC Cubic

Start at: 2018-01-09 03:07:22

End at: 2018-01-09 03:07:52

Local clock offset: -1.575 ms

Remote clock offset: -3.866 ms

# Below is generated by plot.py at 2018-01-09 23:03:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.36 Mbit/s

95th percentile per-packet one-way delay: 82.929 ms

Loss rate: 29.20%

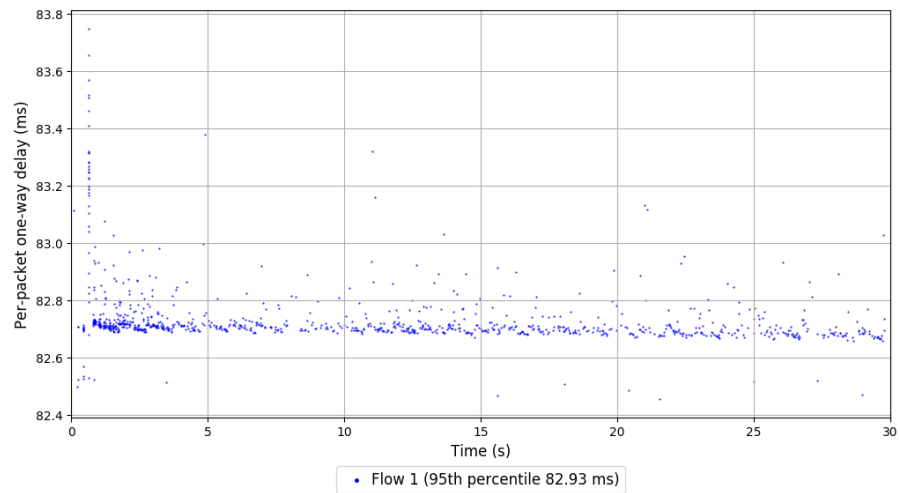
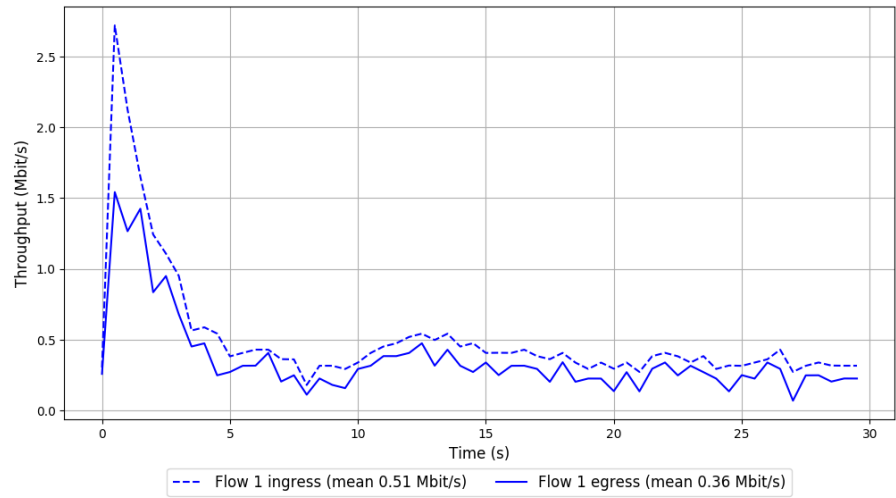
-- Flow 1:

Average throughput: 0.36 Mbit/s

95th percentile per-packet one-way delay: 82.929 ms

Loss rate: 29.20%

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

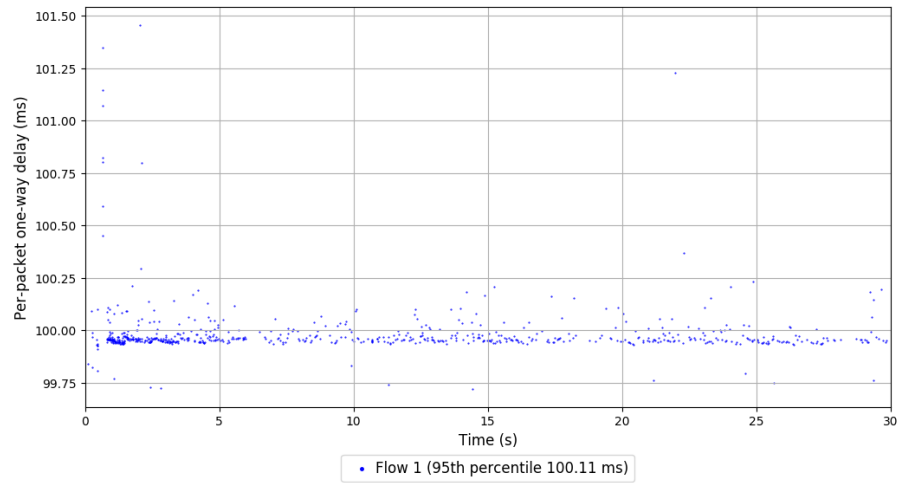
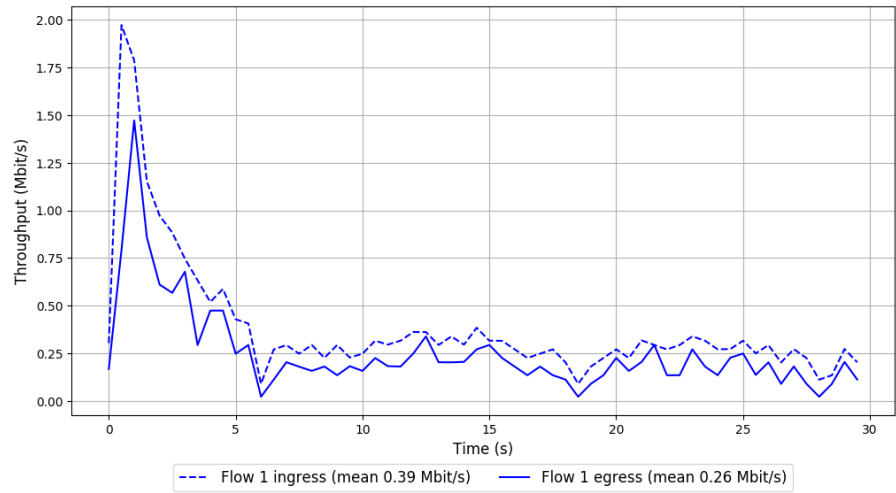


Run 8: Statistics of QUIC Cubic

Start at: 2018-01-09 04:23:02  
End at: 2018-01-09 04:23:32  
Local clock offset: 1.801 ms  
Remote clock offset: -20.758 ms

# Below is generated by plot.py at 2018-01-09 23:03:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.26 Mbit/s  
95th percentile per-packet one-way delay: 100.106 ms  
Loss rate: 34.12%  
-- Flow 1:  
Average throughput: 0.26 Mbit/s  
95th percentile per-packet one-way delay: 100.106 ms  
Loss rate: 34.12%

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



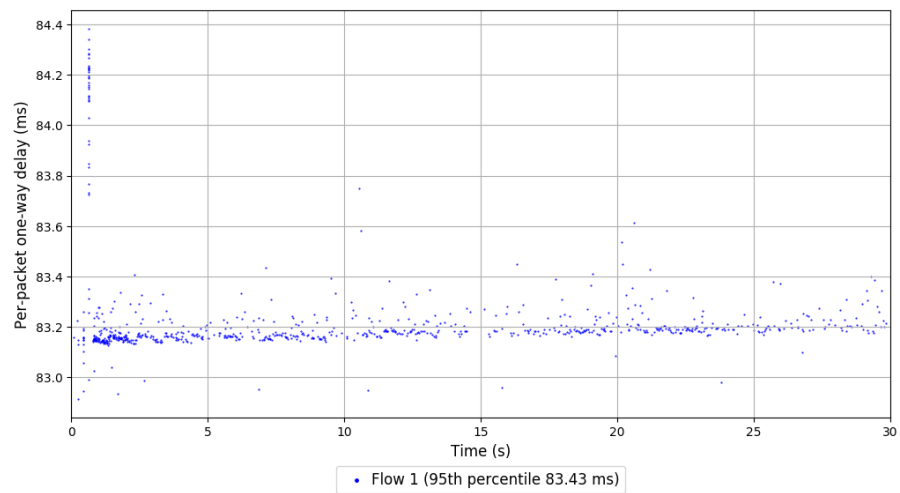
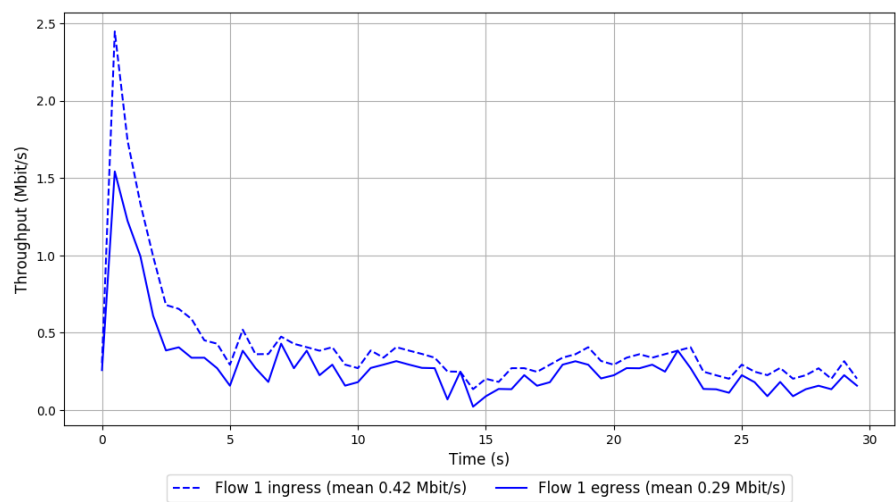
Run 9: Statistics of QUIC Cubic

Start at: 2018-01-09 05:53:35  
End at: 2018-01-09 05:54:05  
Local clock offset: 2.338 ms  
Remote clock offset: -0.697 ms

# Below is generated by plot.py at 2018-01-09 23:03:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.29 Mbit/s  
95th percentile per-packet one-way delay: 83.433 ms  
Loss rate: 31.20%  
-- Flow 1:  
Average throughput: 0.29 Mbit/s  
95th percentile per-packet one-way delay: 83.433 ms  
Loss rate: 31.20%



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



Run 10: Statistics of QUIC Cubic

Start at: 2018-01-09 06:51:15

End at: 2018-01-09 06:51:45

Local clock offset: 0.286 ms

Remote clock offset: -12.788 ms

# Below is generated by plot.py at 2018-01-09 23:03:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 96.722 ms

Loss rate: 26.26%

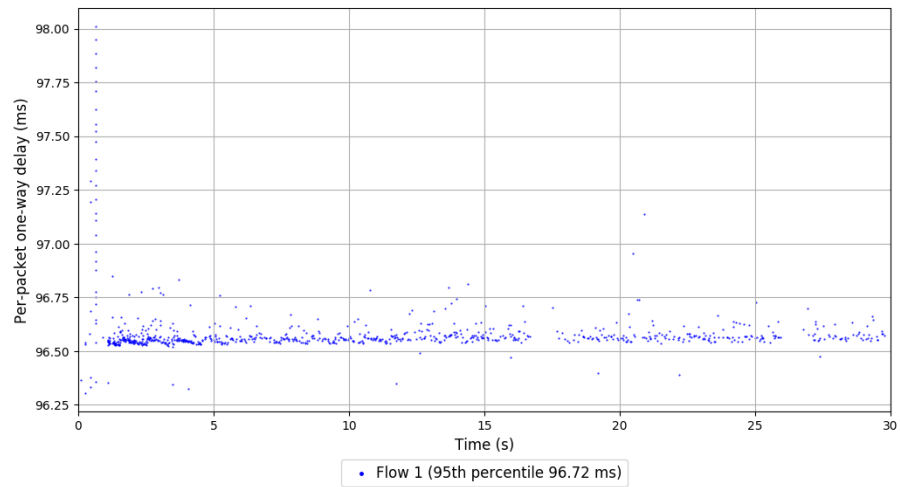
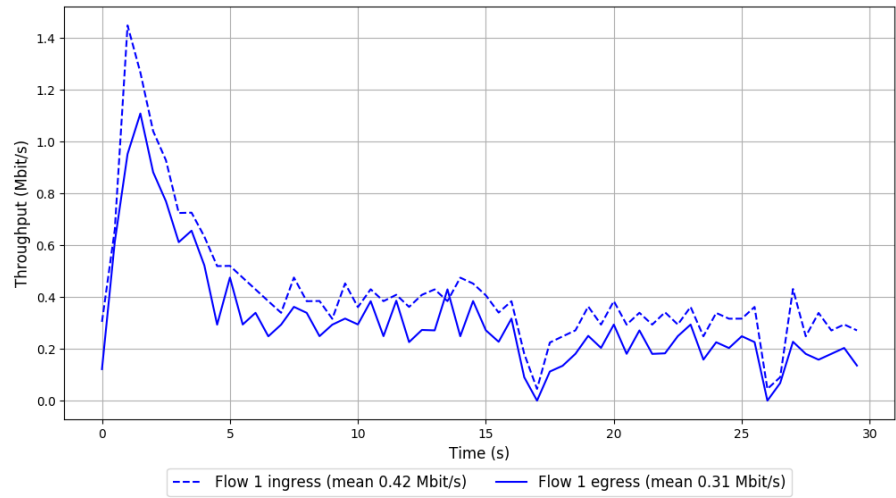
-- Flow 1:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 96.722 ms

Loss rate: 26.26%

# Run 10: Report of QUIC Cubic — Data Link

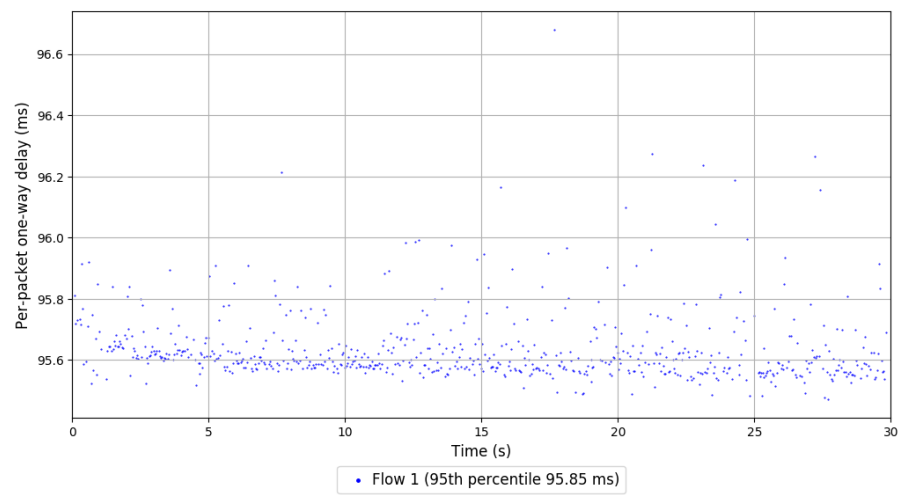
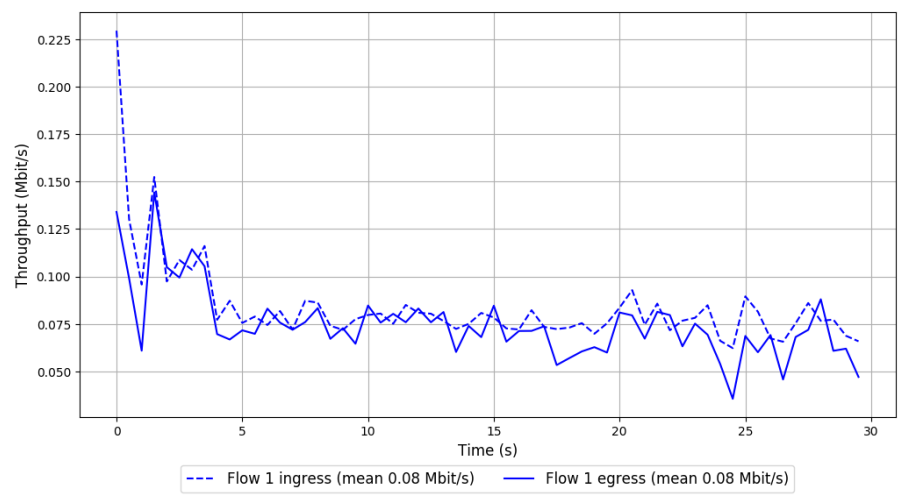


```
Run 1: Statistics of SCReAM

Start at: 2018-01-08 19:07:41
End at: 2018-01-08 19:08:11
Local clock offset: 3.67 ms
Remote clock offset: -13.532 ms

# Below is generated by plot.py at 2018-01-09 23:03:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 95.852 ms
Loss rate: 11.05%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 95.852 ms
Loss rate: 11.05%
```

Run 1: Report of SReAM — Data Link

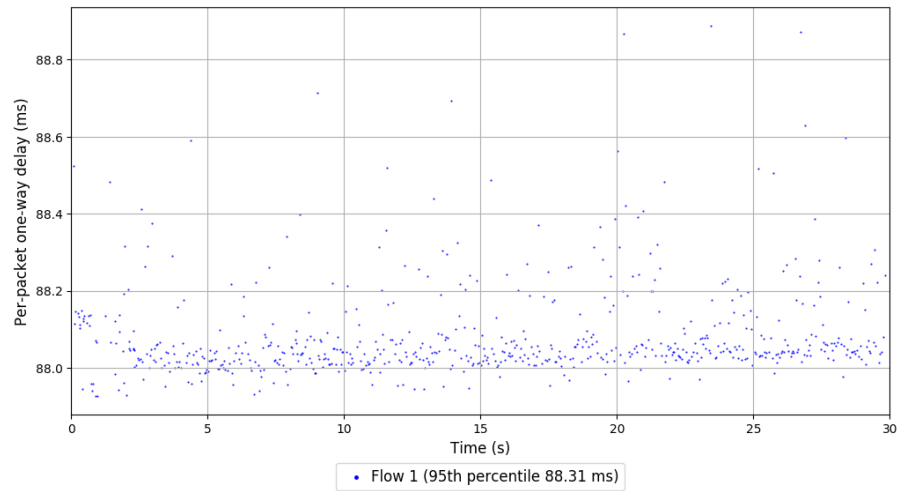
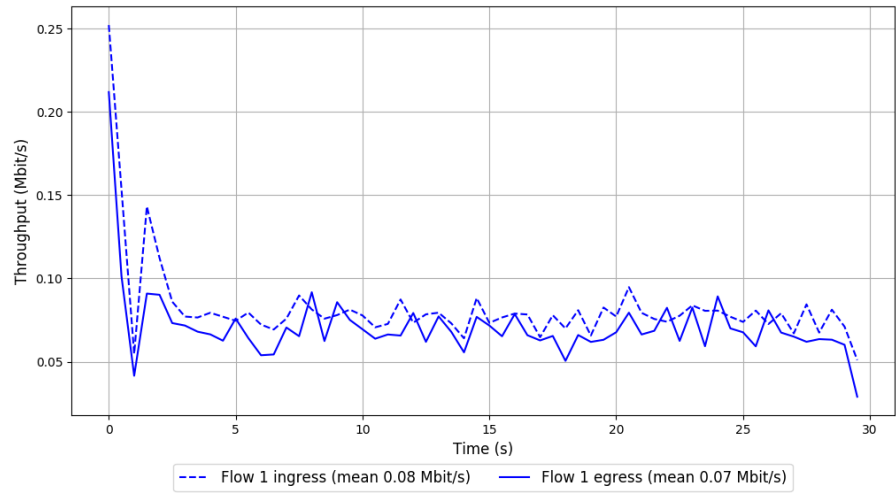


Run 2: Statistics of SCReAM

Start at: 2018-01-08 20:59:00  
End at: 2018-01-08 20:59:30  
Local clock offset: 2.484 ms  
Remote clock offset: -3.752 ms

# Below is generated by plot.py at 2018-01-09 23:03:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 88.314 ms  
Loss rate: 13.66%  
-- Flow 1:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 88.314 ms  
Loss rate: 13.66%

## Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-01-08 22:15:39

End at: 2018-01-08 22:16:09

Local clock offset: 2.351 ms

Remote clock offset: 1.451 ms

# Below is generated by plot.py at 2018-01-09 23:03:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 80.623 ms

Loss rate: 11.72%

-- Flow 1:

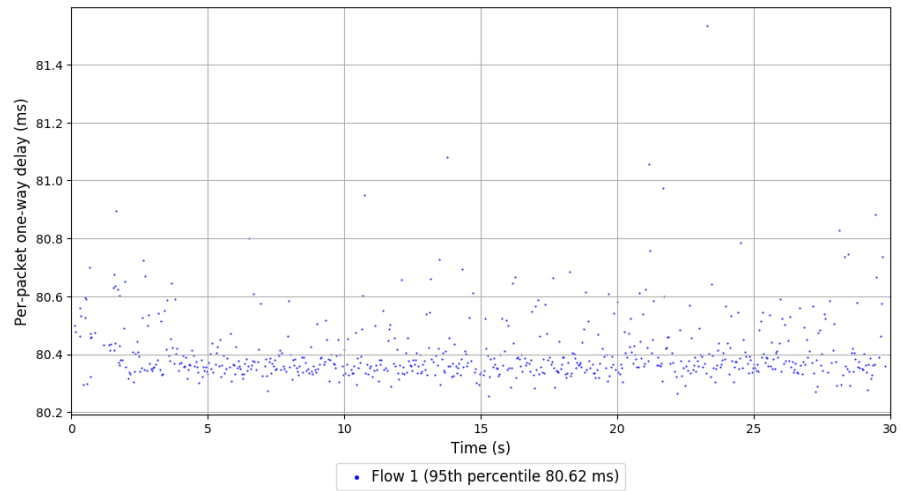
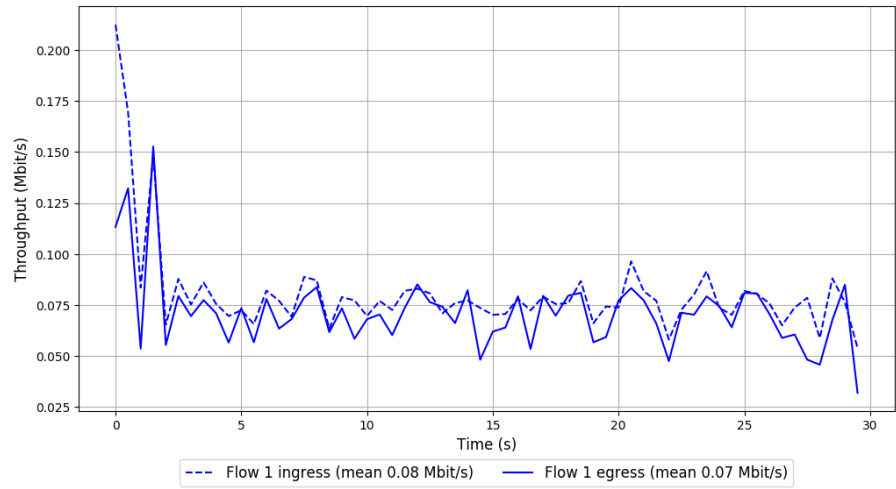
Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 80.623 ms

Loss rate: 11.72%



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

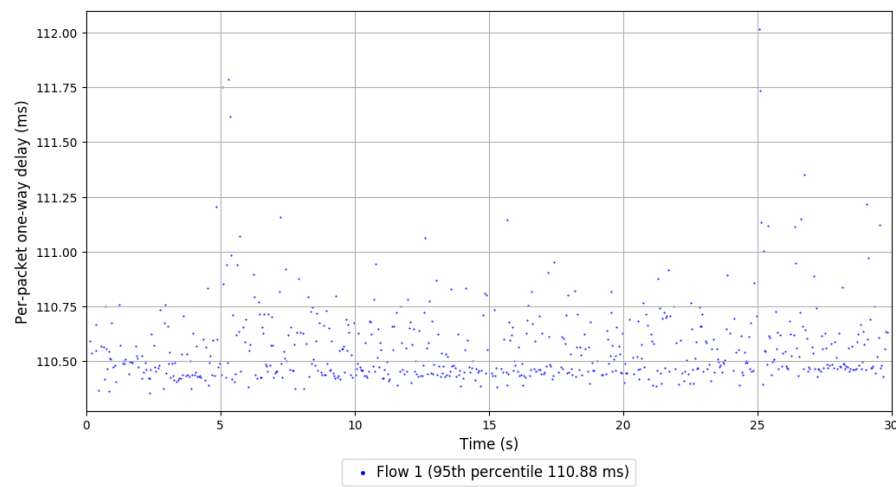
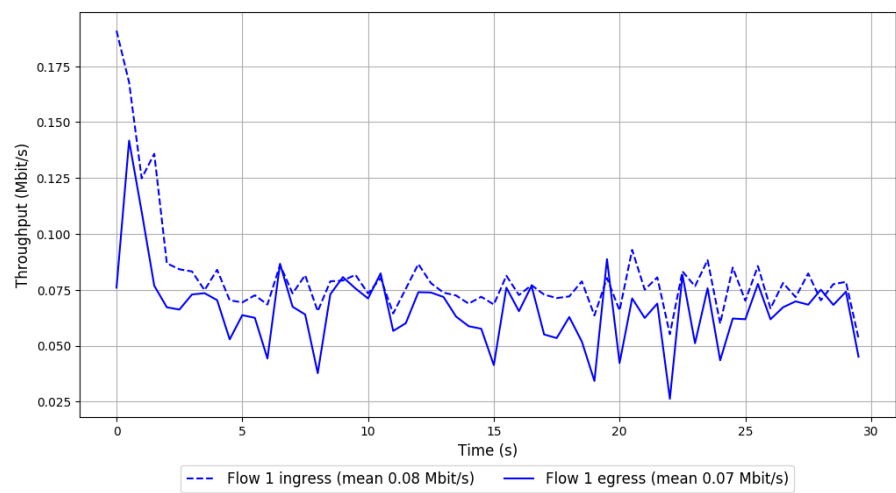


Run 4: Statistics of SCReAM

Start at: 2018-01-08 23:32:26  
End at: 2018-01-08 23:32:56  
Local clock offset: 11.17 ms  
Remote clock offset: -14.271 ms

# Below is generated by plot.py at 2018-01-09 23:03:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 110.876 ms  
Loss rate: 17.51%  
-- Flow 1:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 110.876 ms  
Loss rate: 17.51%

Run 4: Report of SReAM — Data Link

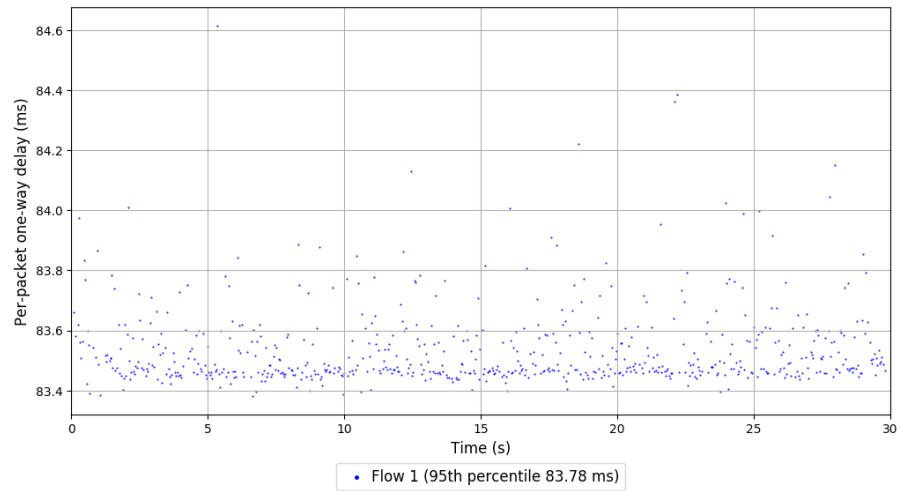
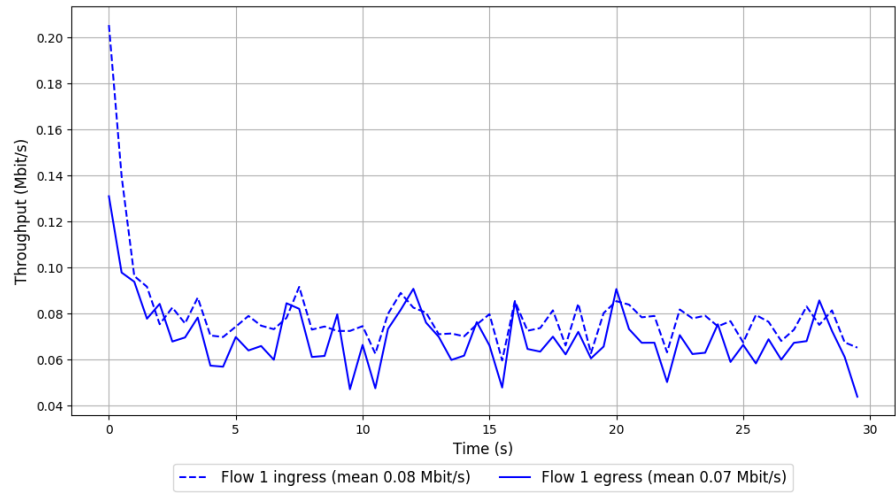


Run 5: Statistics of SCReAM

Start at: 2018-01-09 01:00:30  
End at: 2018-01-09 01:01:00  
Local clock offset: -9.7 ms  
Remote clock offset: -3.369 ms

# Below is generated by plot.py at 2018-01-09 23:03:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 83.777 ms  
Loss rate: 12.41%  
-- Flow 1:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 83.777 ms  
Loss rate: 12.41%

## Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-01-09 02:27:08

End at: 2018-01-09 02:27:38

Local clock offset: -3.573 ms

Remote clock offset: 0.675 ms

# Below is generated by plot.py at 2018-01-09 23:03:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 80.530 ms

Loss rate: 13.48%

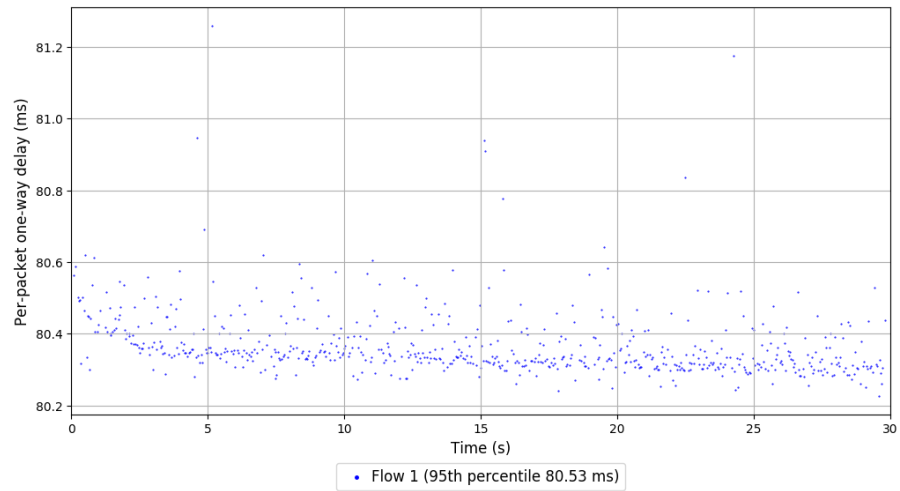
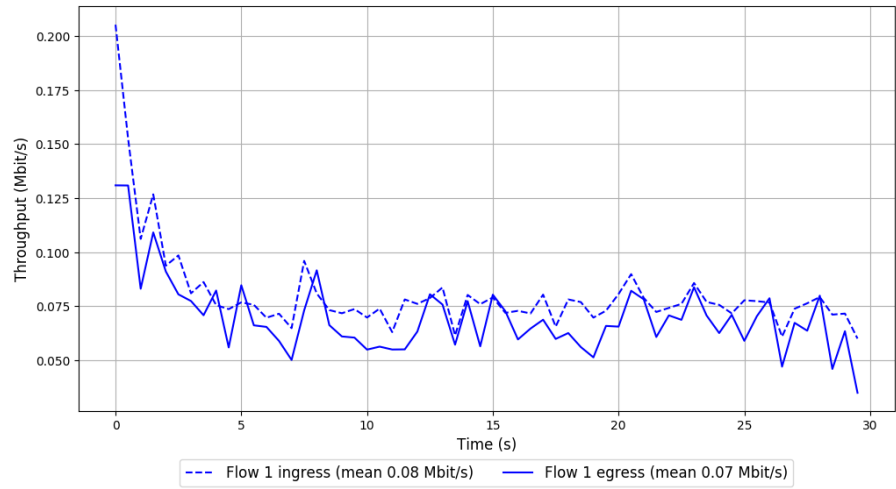
-- Flow 1:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 80.530 ms

Loss rate: 13.48%

## Run 6: Report of SReAM — Data Link



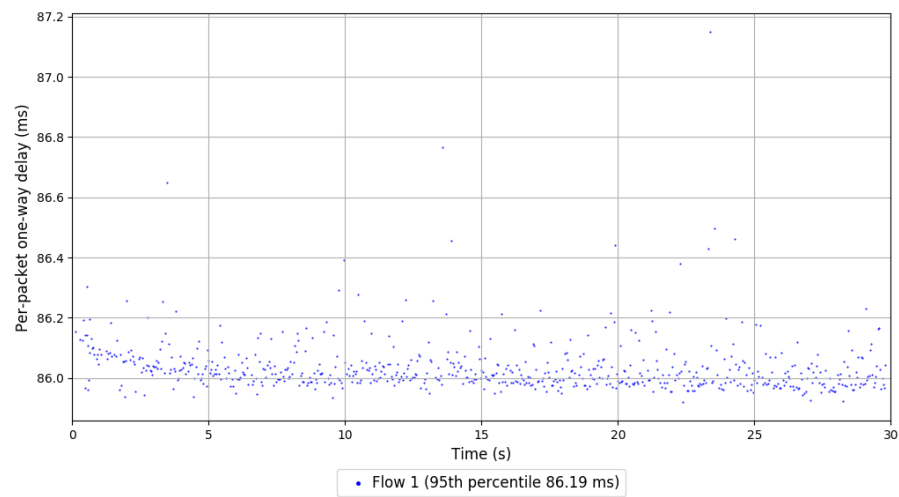
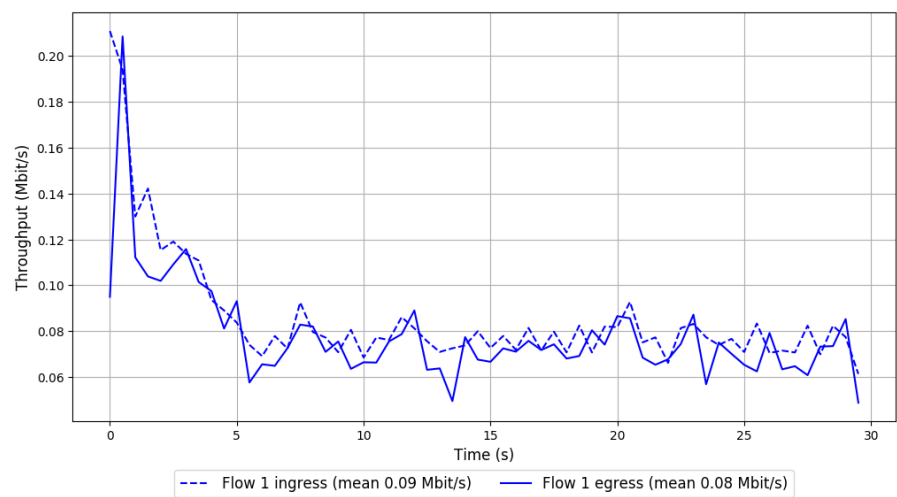
Run 7: Statistics of SCReAM

Start at: 2018-01-09 03:47:50  
End at: 2018-01-09 03:48:20  
Local clock offset: 0.251 ms  
Remote clock offset: -7.653 ms

# Below is generated by plot.py at 2018-01-09 23:03:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.08 Mbit/s  
95th percentile per-packet one-way delay: 86.185 ms  
Loss rate: 8.86%  
-- Flow 1:  
Average throughput: 0.08 Mbit/s  
95th percentile per-packet one-way delay: 86.185 ms  
Loss rate: 8.86%



Run 7: Report of SReAM — Data Link

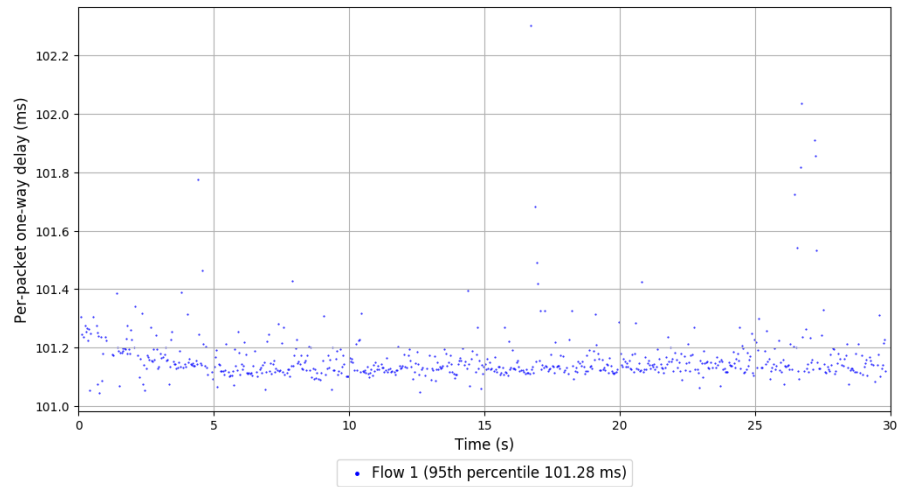
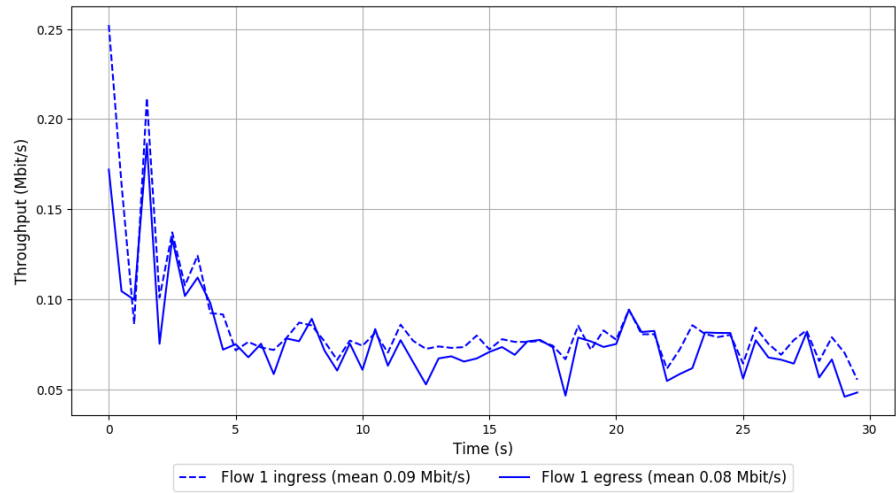


Run 8: Statistics of SCReAM

Start at: 2018-01-09 05:14:28  
End at: 2018-01-09 05:14:58  
Local clock offset: 2.74 ms  
Remote clock offset: -18.984 ms

# Below is generated by plot.py at 2018-01-09 23:03:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.08 Mbit/s  
95th percentile per-packet one-way delay: 101.281 ms  
Loss rate: 9.99%  
-- Flow 1:  
Average throughput: 0.08 Mbit/s  
95th percentile per-packet one-way delay: 101.281 ms  
Loss rate: 9.99%

## Run 8: Report of SReAM — Data Link

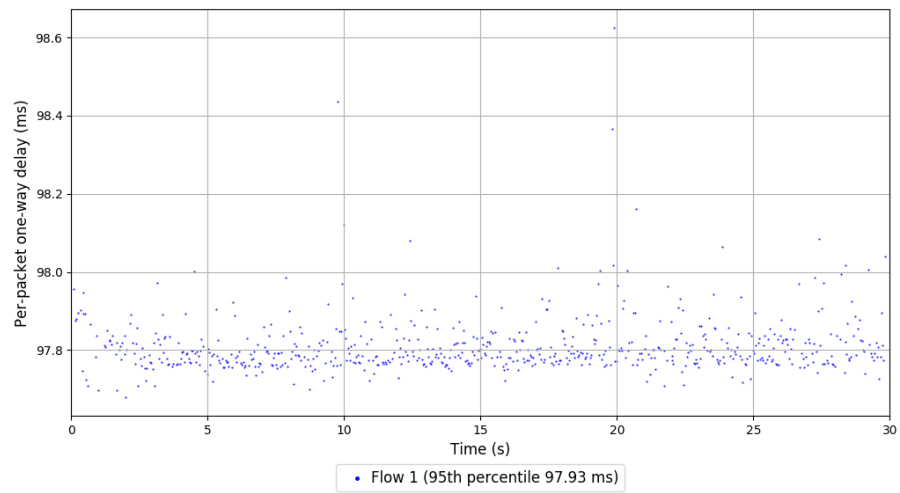
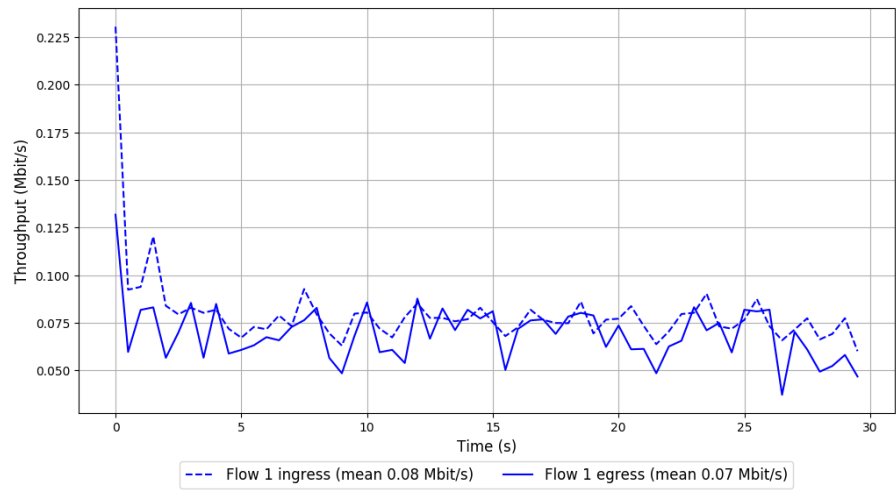


Run 9: Statistics of SCReAM

Start at: 2018-01-09 06:16:25  
End at: 2018-01-09 06:16:55  
Local clock offset: 1.549 ms  
Remote clock offset: -18.064 ms

# Below is generated by plot.py at 2018-01-09 23:03:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 97.932 ms  
Loss rate: 12.93%  
-- Flow 1:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 97.932 ms  
Loss rate: 12.93%

## Run 9: Report of SReAM — Data Link

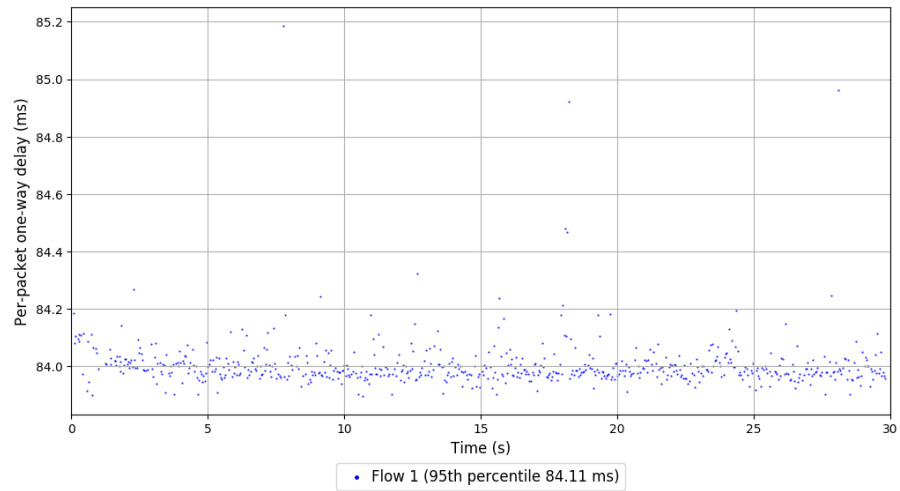
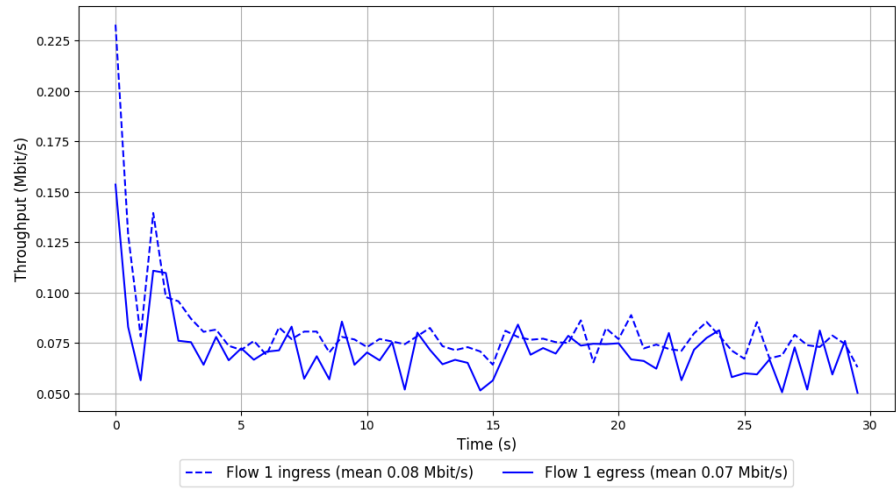


Run 10: Statistics of SCReAM

Start at: 2018-01-09 07:14:38  
End at: 2018-01-09 07:15:08  
Local clock offset: -0.112 ms  
Remote clock offset: -3.813 ms

# Below is generated by plot.py at 2018-01-09 23:03:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 84.110 ms  
Loss rate: 12.10%  
-- Flow 1:  
Average throughput: 0.07 Mbit/s  
95th percentile per-packet one-way delay: 84.110 ms  
Loss rate: 12.10%

# Run 10: Report of SCReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-01-08 18:50:29

End at: 2018-01-08 18:50:59

Local clock offset: 0.521 ms

Remote clock offset: -6.16 ms

# Below is generated by plot.py at 2018-01-09 23:03:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.02 Mbit/s

95th percentile per-packet one-way delay: 84.611 ms

Loss rate: 13.55%

-- Flow 1:

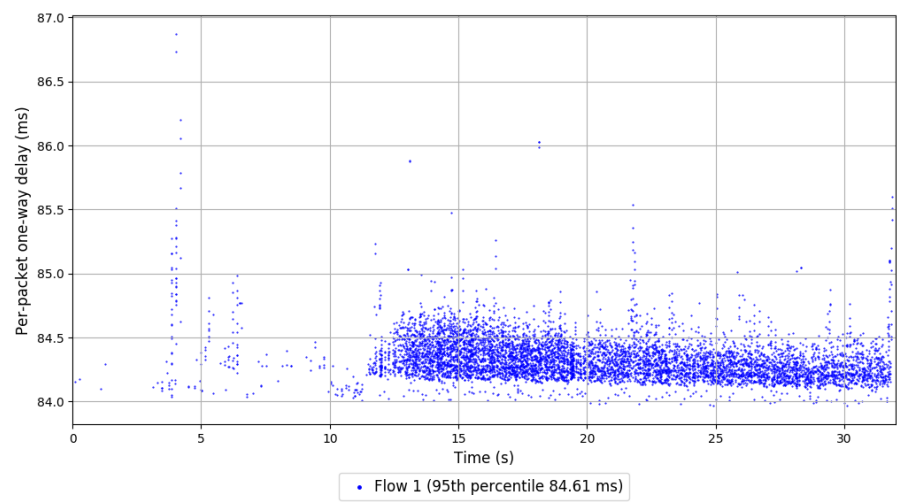
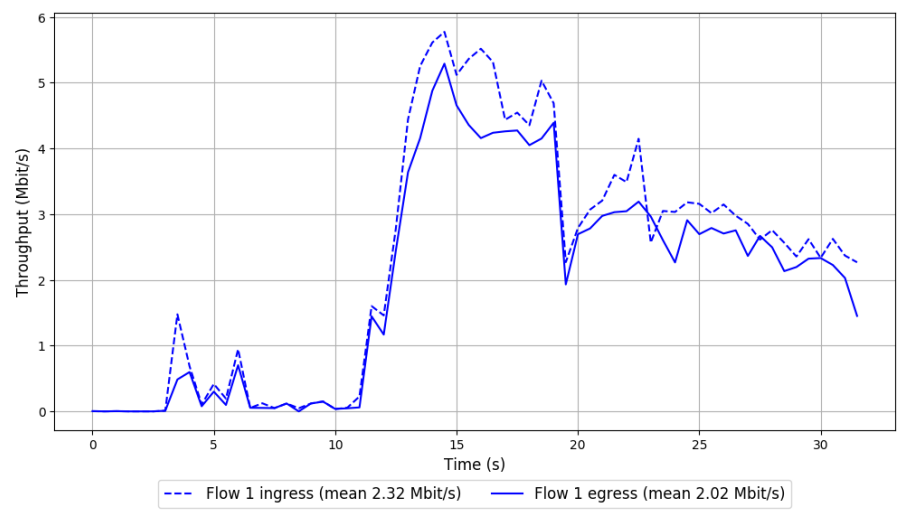
Average throughput: 2.02 Mbit/s

95th percentile per-packet one-way delay: 84.611 ms

Loss rate: 13.55%



Run 1: Report of WebRTC media — Data Link

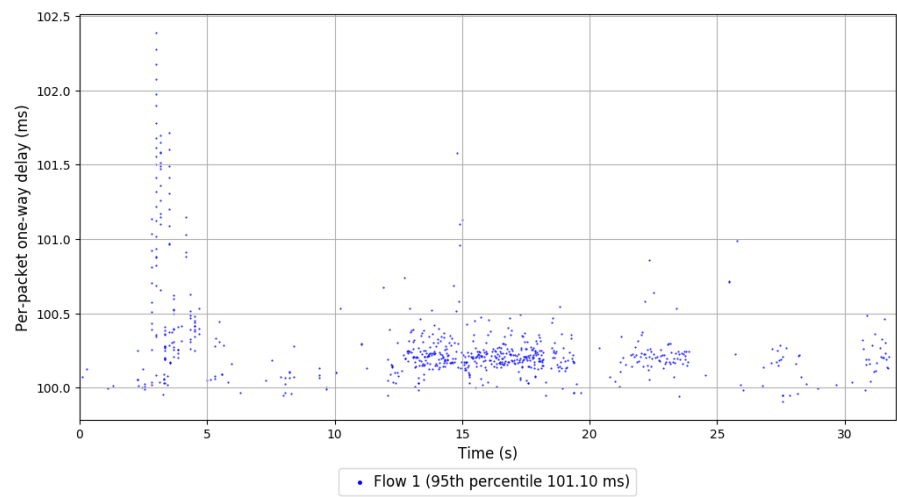
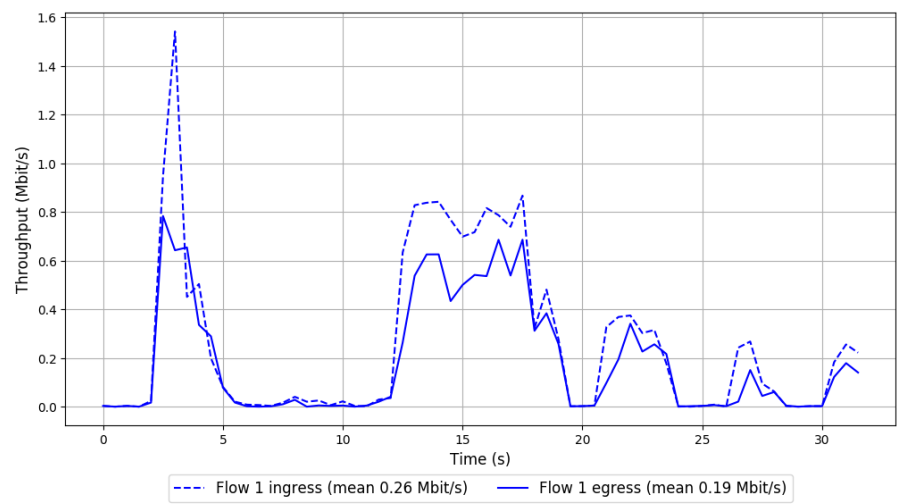


Run 2: Statistics of WebRTC media

Start at: 2018-01-08 19:55:17  
End at: 2018-01-08 19:55:47  
Local clock offset: 3.887 ms  
Remote clock offset: -18.755 ms

# Below is generated by plot.py at 2018-01-09 23:03:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.19 Mbit/s  
95th percentile per-packet one-way delay: 101.101 ms  
Loss rate: 28.98%  
-- Flow 1:  
Average throughput: 0.19 Mbit/s  
95th percentile per-packet one-way delay: 101.101 ms  
Loss rate: 28.98%

Run 2: Report of WebRTC media — Data Link

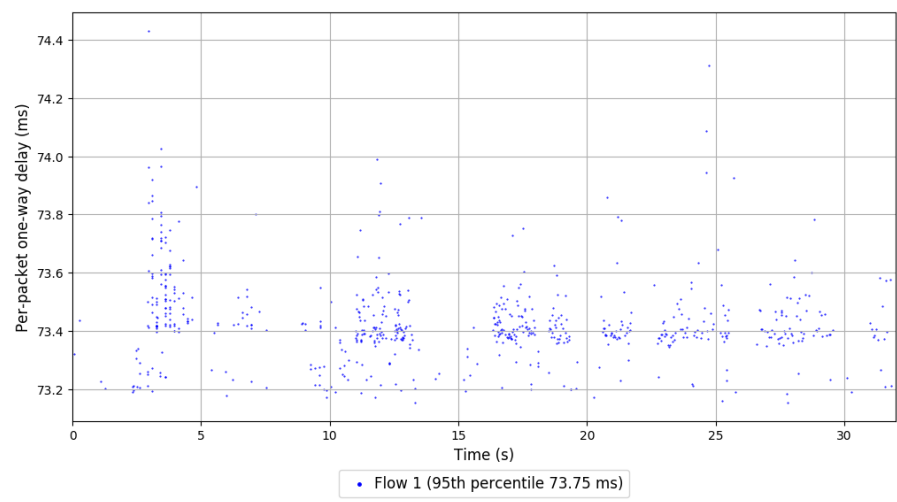
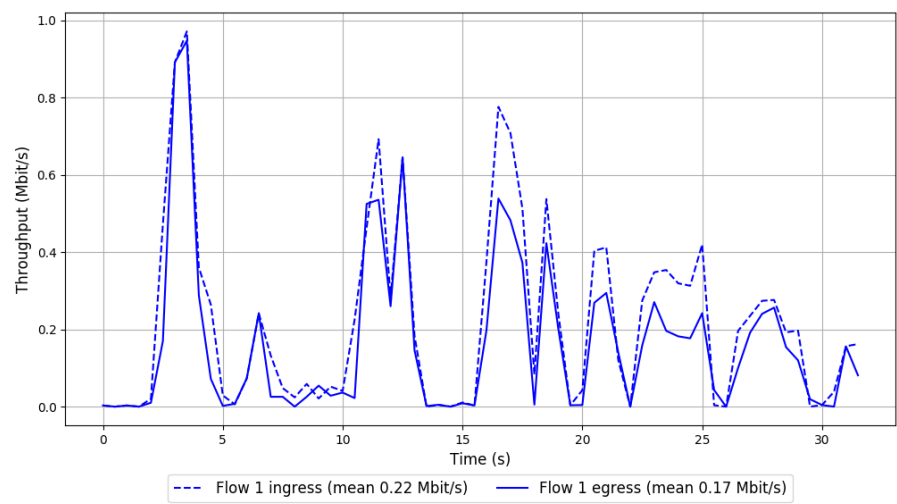


Run 3: Statistics of WebRTC media

Start at: 2018-01-08 21:39:48  
End at: 2018-01-08 21:40:18  
Local clock offset: 1.873 ms  
Remote clock offset: 10.787 ms

# Below is generated by plot.py at 2018-01-09 23:03:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.17 Mbit/s  
95th percentile per-packet one-way delay: 73.746 ms  
Loss rate: 25.49%  
-- Flow 1:  
Average throughput: 0.17 Mbit/s  
95th percentile per-packet one-way delay: 73.746 ms  
Loss rate: 25.49%

Run 3: Report of WebRTC media — Data Link

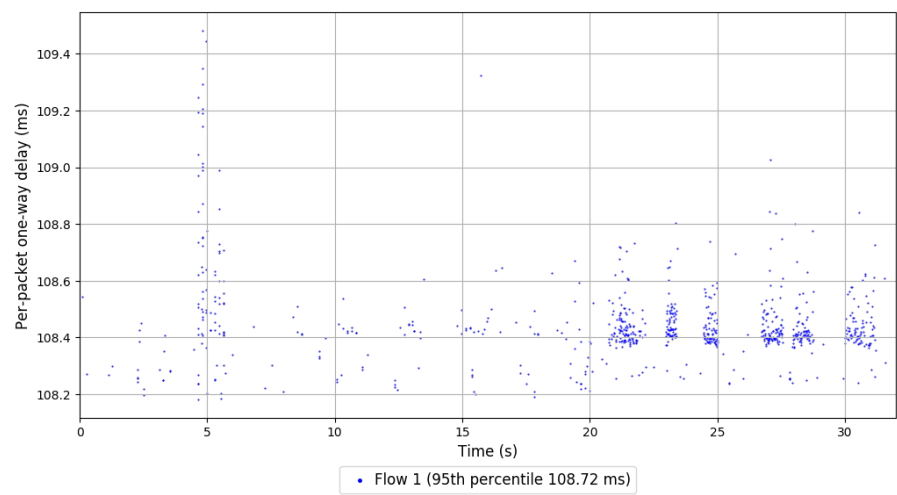
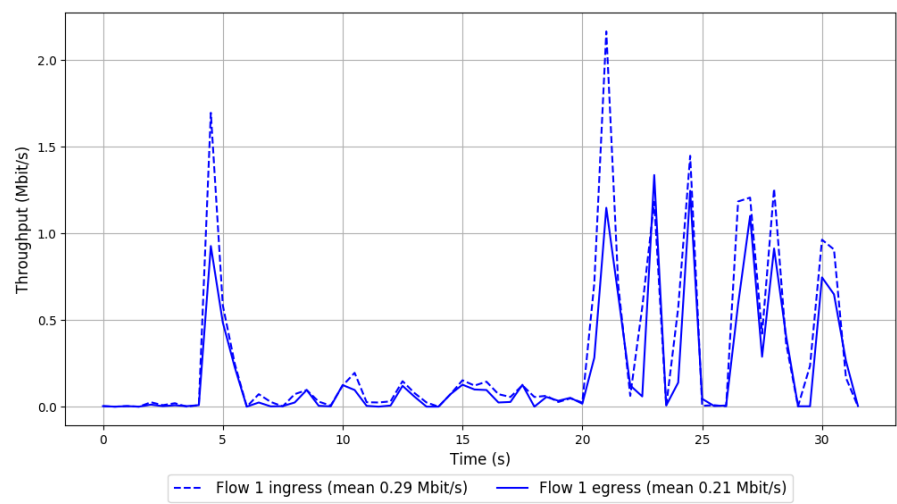


Run 4: Statistics of WebRTC media

Start at: 2018-01-08 22:58:15  
End at: 2018-01-08 22:58:45  
Local clock offset: 11.869 ms  
Remote clock offset: -17.93 ms

# Below is generated by plot.py at 2018-01-09 23:03:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 108.715 ms  
Loss rate: 30.42%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 108.715 ms  
Loss rate: 30.42%

Run 4: Report of WebRTC media — Data Link



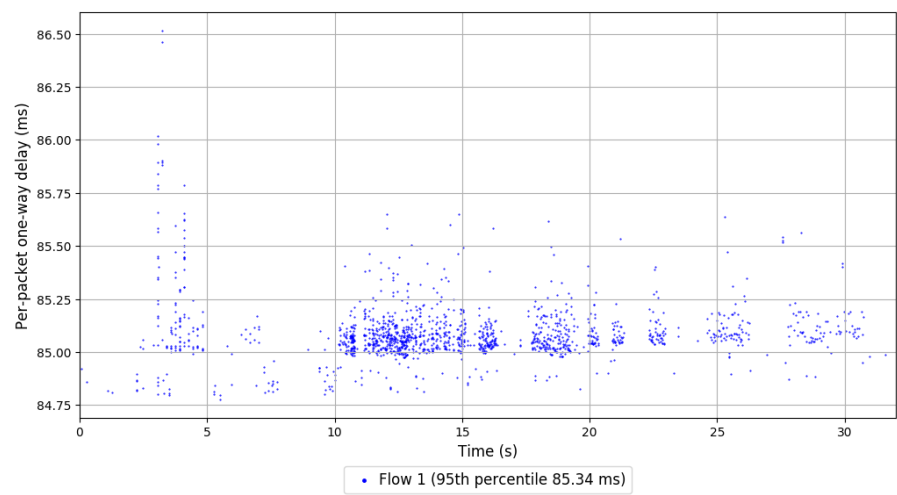
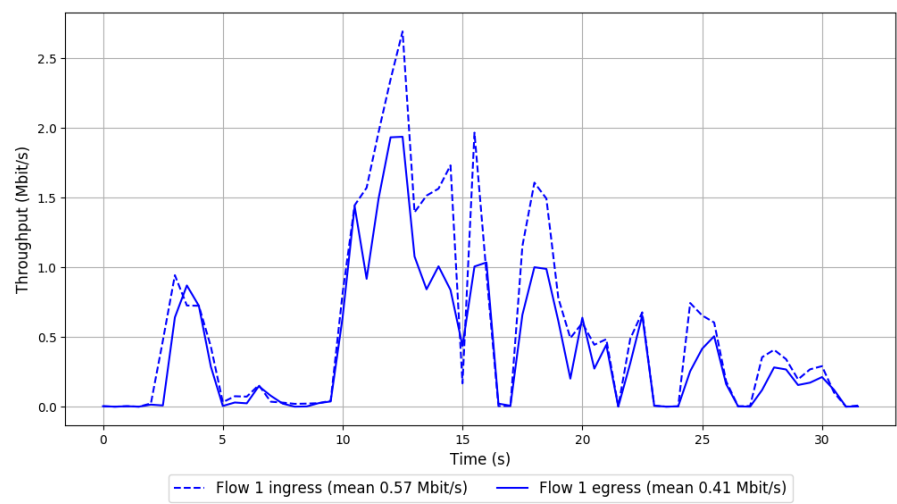
Run 5: Statistics of WebRTC media

Start at: 2018-01-09 00:09:52  
End at: 2018-01-09 00:10:22  
Local clock offset: -3.271 ms  
Remote clock offset: -1.859 ms

# Below is generated by plot.py at 2018-01-09 23:03:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.41 Mbit/s  
95th percentile per-packet one-way delay: 85.345 ms  
Loss rate: 28.47%  
-- Flow 1:  
Average throughput: 0.41 Mbit/s  
95th percentile per-packet one-way delay: 85.345 ms  
Loss rate: 28.47%



Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-01-09 01:34:06

End at: 2018-01-09 01:34:36

Local clock offset: -8.755 ms

Remote clock offset: 5.725 ms

# Below is generated by plot.py at 2018-01-09 23:03:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 77.648 ms

Loss rate: 33.44%

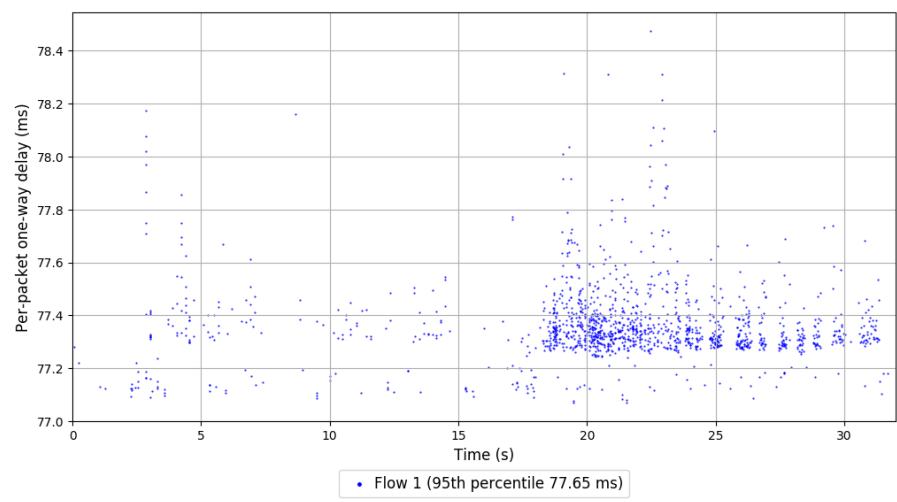
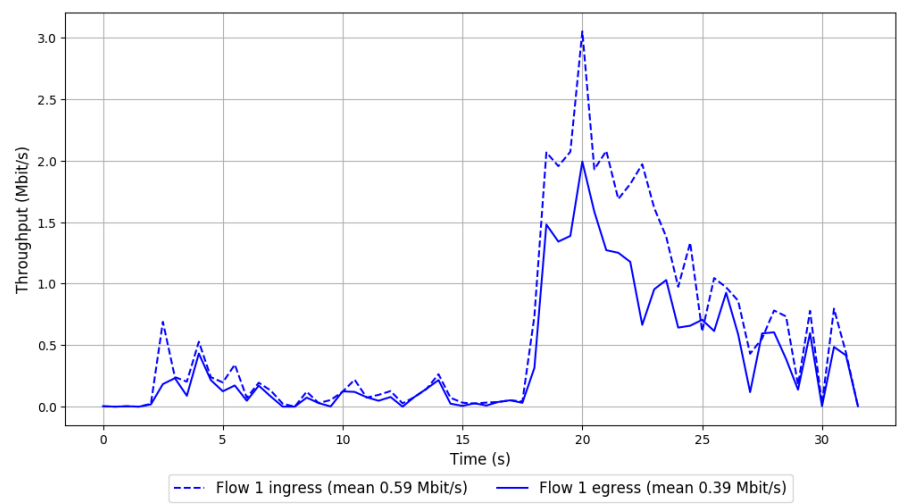
-- Flow 1:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 77.648 ms

Loss rate: 33.44%

Run 6: Report of WebRTC media — Data Link

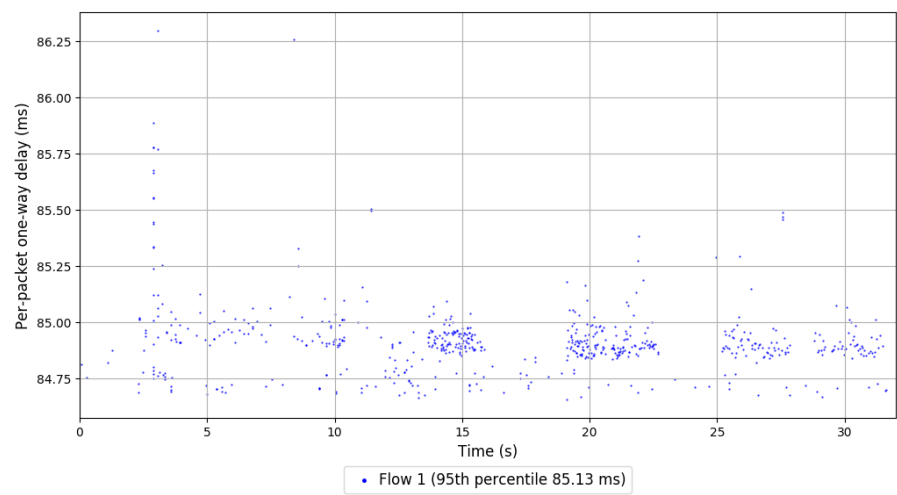
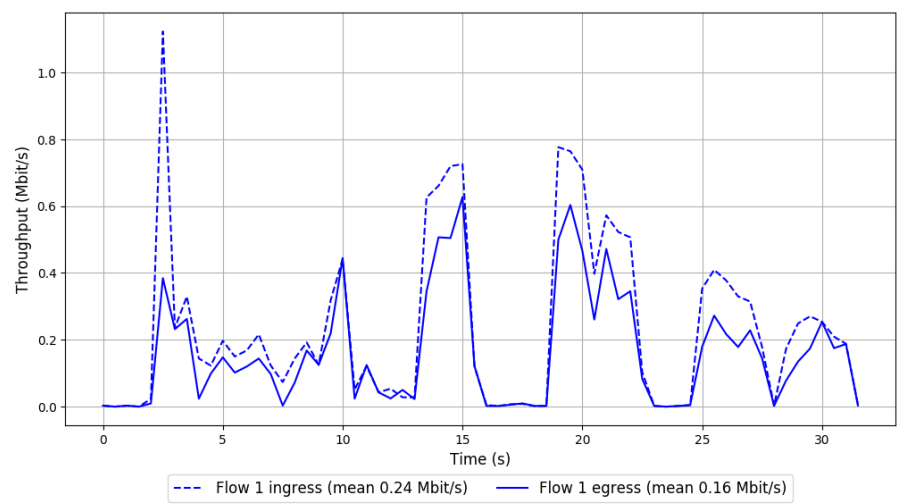


Run 7: Statistics of WebRTC media

Start at: 2018-01-09 03:06:04  
End at: 2018-01-09 03:06:34  
Local clock offset: -1.61 ms  
Remote clock offset: -3.822 ms

# Below is generated by plot.py at 2018-01-09 23:03:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.16 Mbit/s  
95th percentile per-packet one-way delay: 85.132 ms  
Loss rate: 30.93%  
-- Flow 1:  
Average throughput: 0.16 Mbit/s  
95th percentile per-packet one-way delay: 85.132 ms  
Loss rate: 30.93%

Run 7: Report of WebRTC media — Data Link

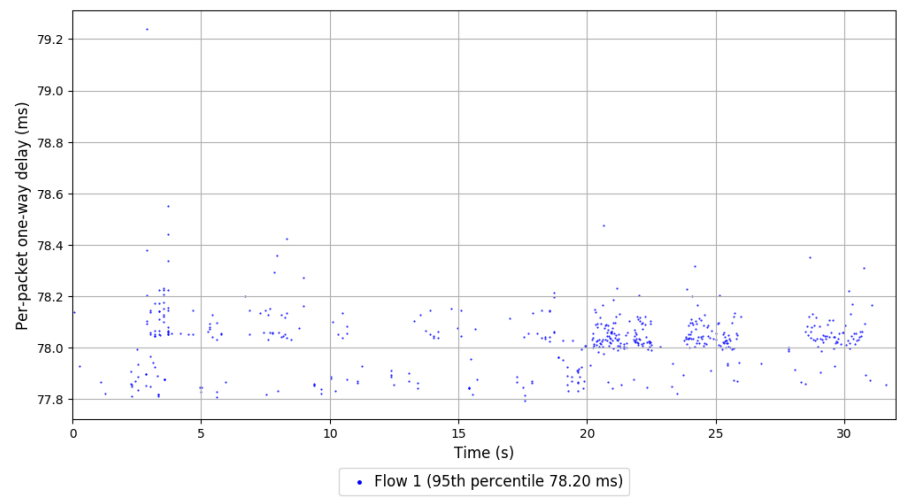
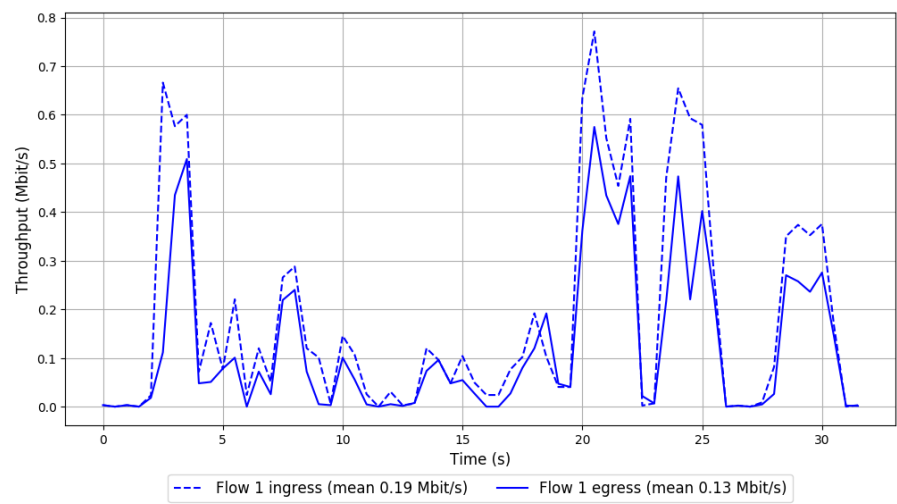


Run 8: Statistics of WebRTC media

Start at: 2018-01-09 04:21:49  
End at: 2018-01-09 04:22:19  
Local clock offset: 1.826 ms  
Remote clock offset: -0.479 ms

# Below is generated by plot.py at 2018-01-09 23:03:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.13 Mbit/s  
95th percentile per-packet one-way delay: 78.202 ms  
Loss rate: 33.57%  
-- Flow 1:  
Average throughput: 0.13 Mbit/s  
95th percentile per-packet one-way delay: 78.202 ms  
Loss rate: 33.57%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-01-09 05:52:16

End at: 2018-01-09 05:52:46

Local clock offset: 2.465 ms

Remote clock offset: 13.18 ms

# Below is generated by plot.py at 2018-01-09 23:03:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 68.398 ms

Loss rate: 33.02%

-- Flow 1:

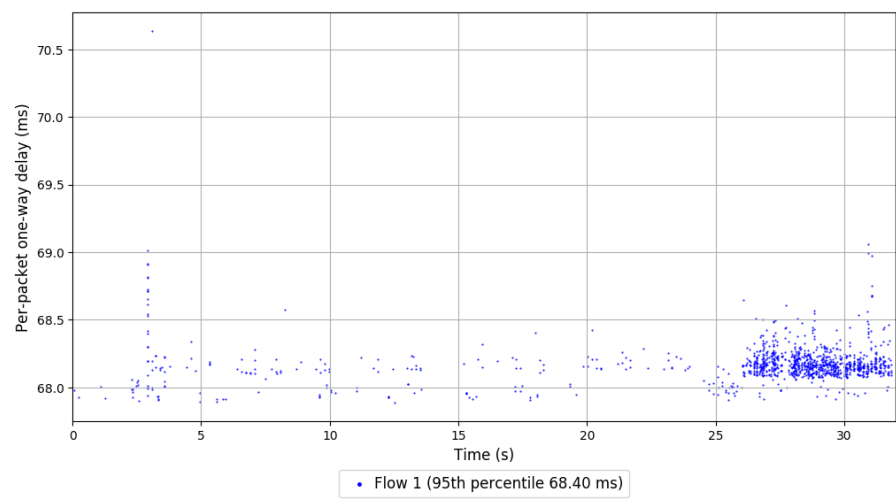
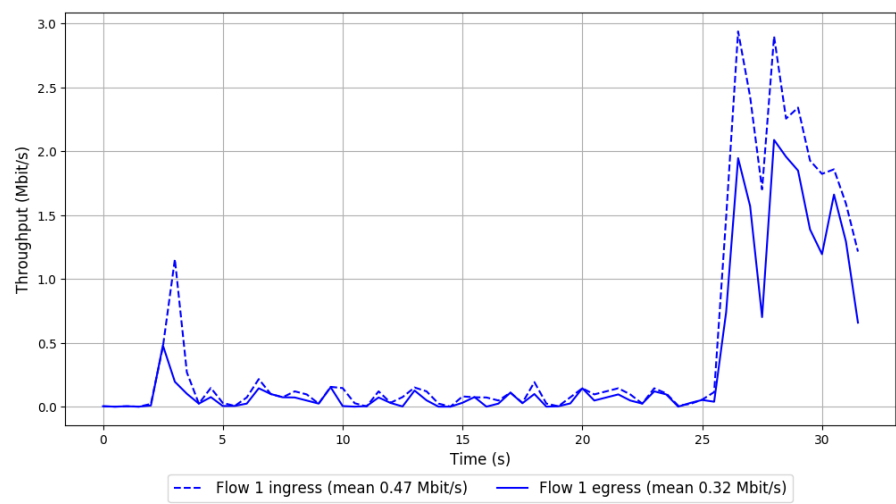
Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 68.398 ms

Loss rate: 33.02%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-01-09 06:49:50

End at: 2018-01-09 06:50:20

Local clock offset: 0.374 ms

Remote clock offset: 1.865 ms

# Below is generated by plot.py at 2018-01-09 23:03:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.59 Mbit/s

95th percentile per-packet one-way delay: 80.252 ms

Loss rate: 24.18%

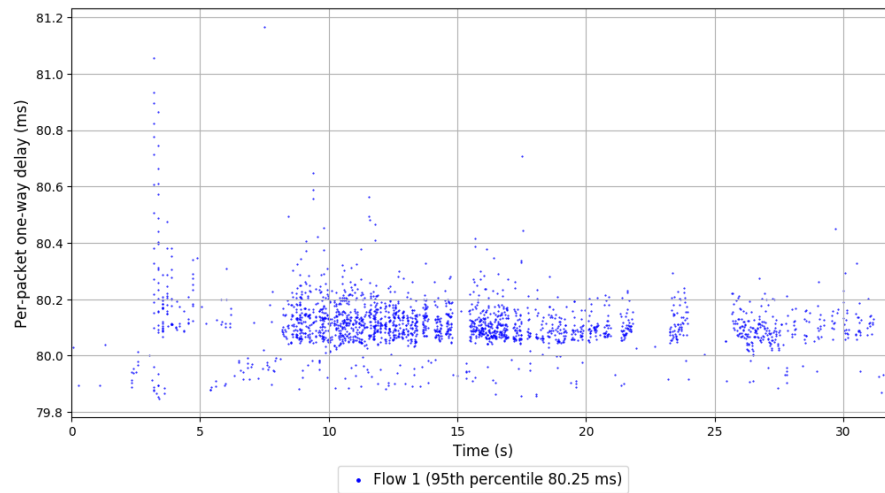
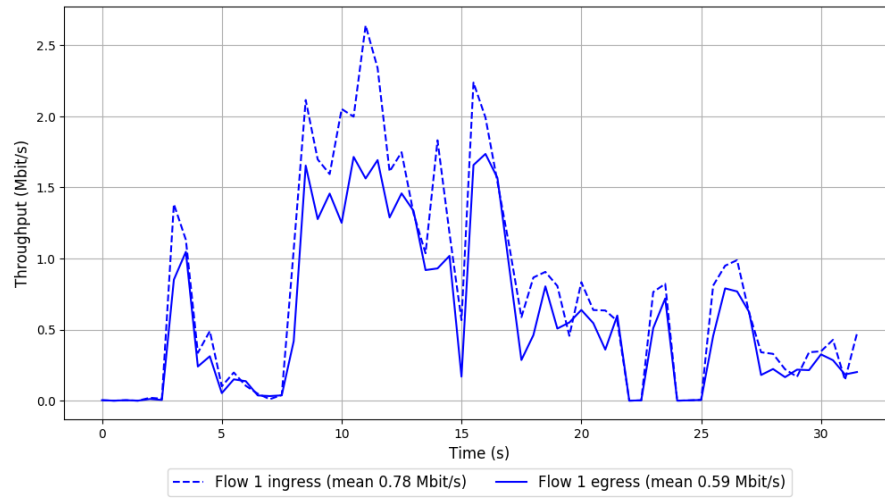
-- Flow 1:

Average throughput: 0.59 Mbit/s

95th percentile per-packet one-way delay: 80.252 ms

Loss rate: 24.18%

# Run 10: Report of WebRTC media — Data Link

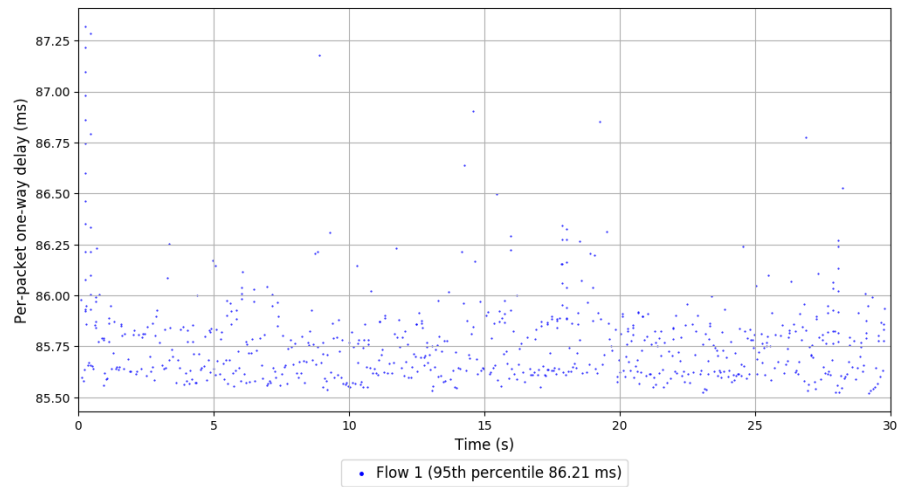
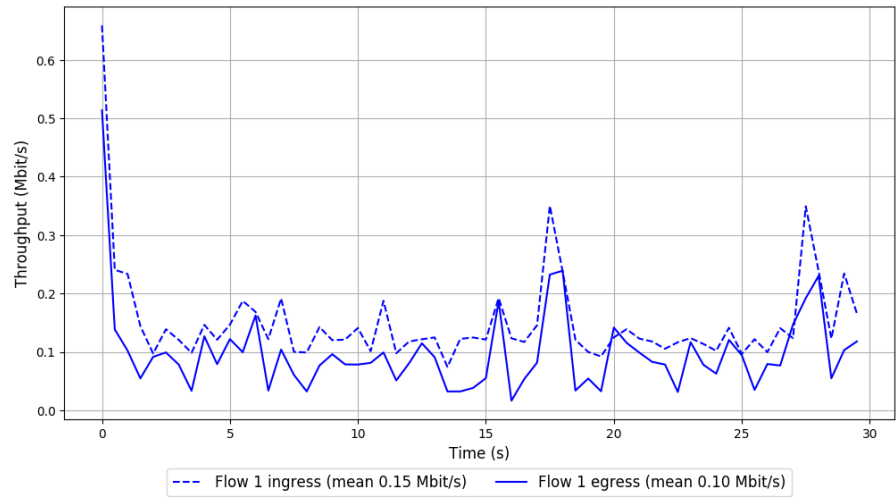


Run 1: Statistics of Sprout

Start at: 2018-01-08 19:54:00  
End at: 2018-01-08 19:54:30  
Local clock offset: 3.8 ms  
Remote clock offset: -4.034 ms

# Below is generated by plot.py at 2018-01-09 23:03:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.10 Mbit/s  
95th percentile per-packet one-way delay: 86.214 ms  
Loss rate: 34.99%  
-- Flow 1:  
Average throughput: 0.10 Mbit/s  
95th percentile per-packet one-way delay: 86.214 ms  
Loss rate: 34.99%

## Run 1: Report of Sprout — Data Link

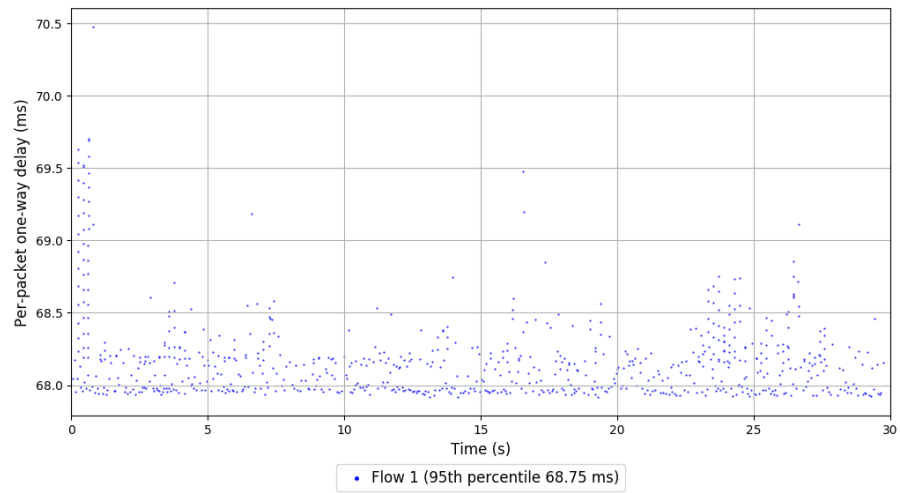
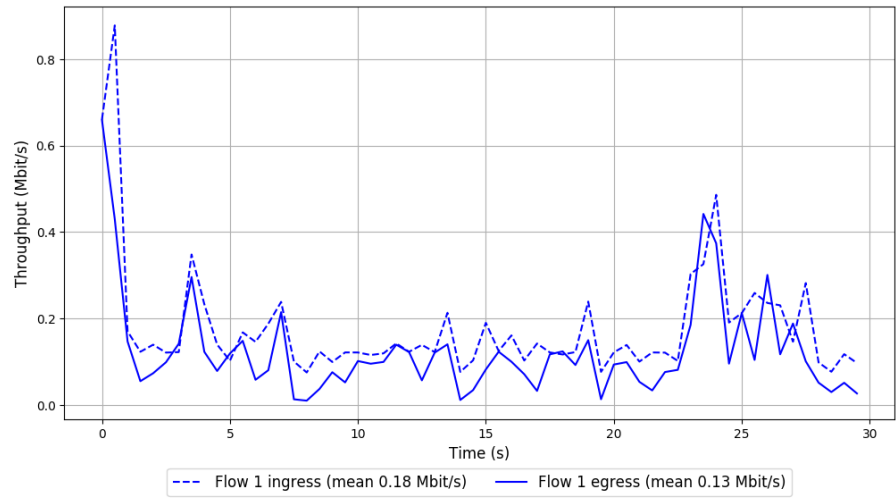


Run 2: Statistics of Sprout

Start at: 2018-01-08 21:38:24  
End at: 2018-01-08 21:38:54  
Local clock offset: 1.829 ms  
Remote clock offset: 16.449 ms

# Below is generated by plot.py at 2018-01-09 23:03:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.13 Mbit/s  
95th percentile per-packet one-way delay: 68.747 ms  
Loss rate: 30.65%  
-- Flow 1:  
Average throughput: 0.13 Mbit/s  
95th percentile per-packet one-way delay: 68.747 ms  
Loss rate: 30.65%

## Run 2: Report of Sprout — Data Link



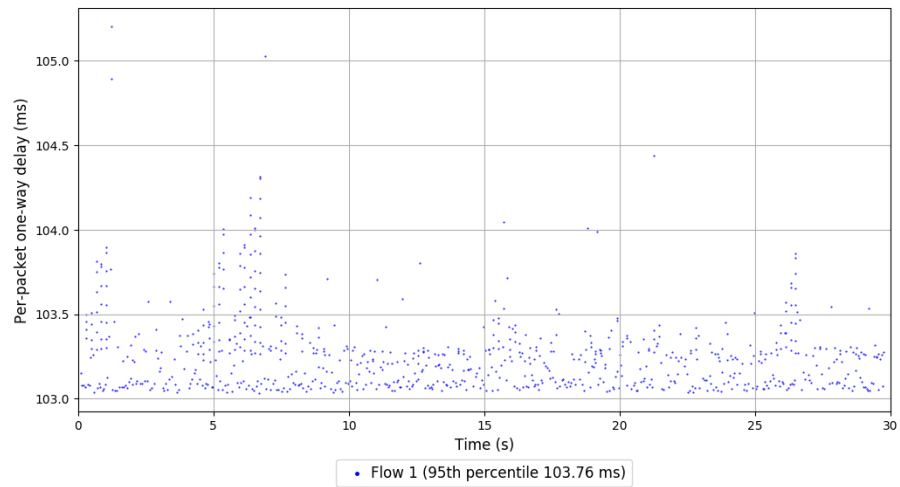
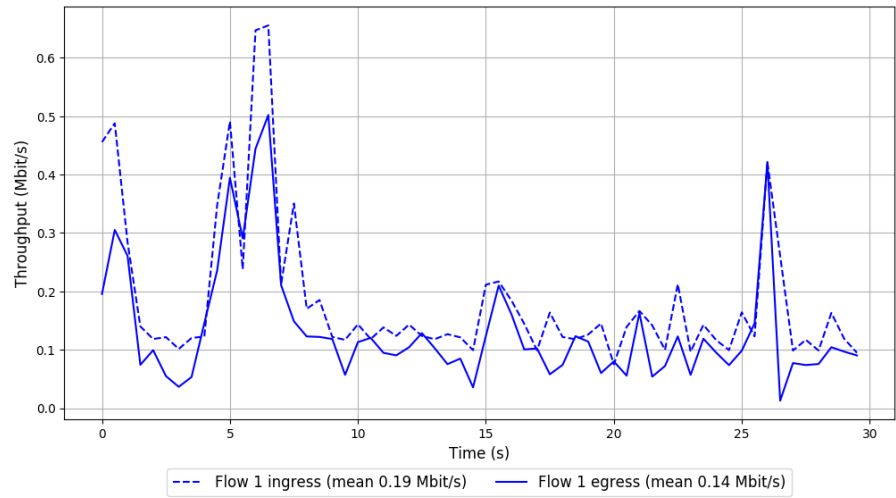
Run 3: Statistics of Sprout

Start at: 2018-01-08 22:57:00  
End at: 2018-01-08 22:57:30  
Local clock offset: 7.887 ms  
Remote clock offset: -17.148 ms

# Below is generated by plot.py at 2018-01-09 23:03:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.14 Mbit/s  
95th percentile per-packet one-way delay: 103.757 ms  
Loss rate: 28.40%  
-- Flow 1:  
Average throughput: 0.14 Mbit/s  
95th percentile per-packet one-way delay: 103.757 ms  
Loss rate: 28.40%



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



Run 4: Statistics of Sprout

Start at: 2018-01-09 00:08:34

End at: 2018-01-09 00:09:04

Local clock offset: 0.855 ms

Remote clock offset: 4.807 ms

# Below is generated by plot.py at 2018-01-09 23:03:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 83.146 ms

Loss rate: 36.96%

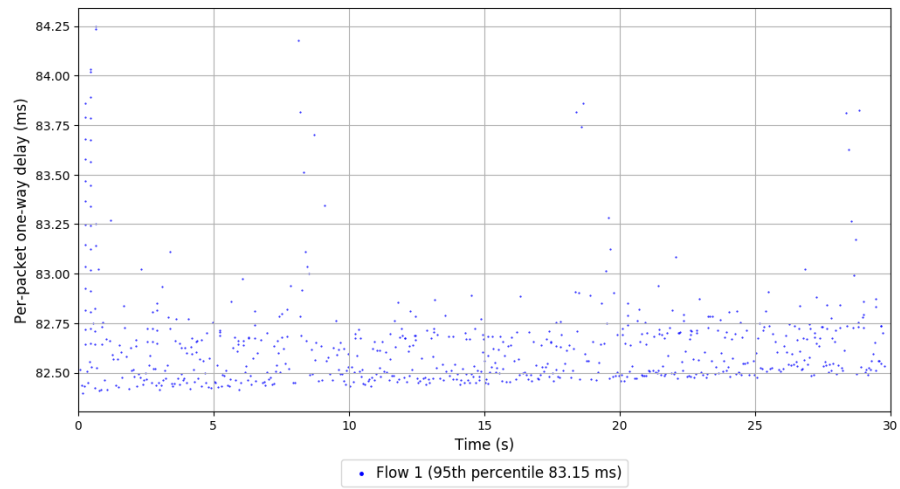
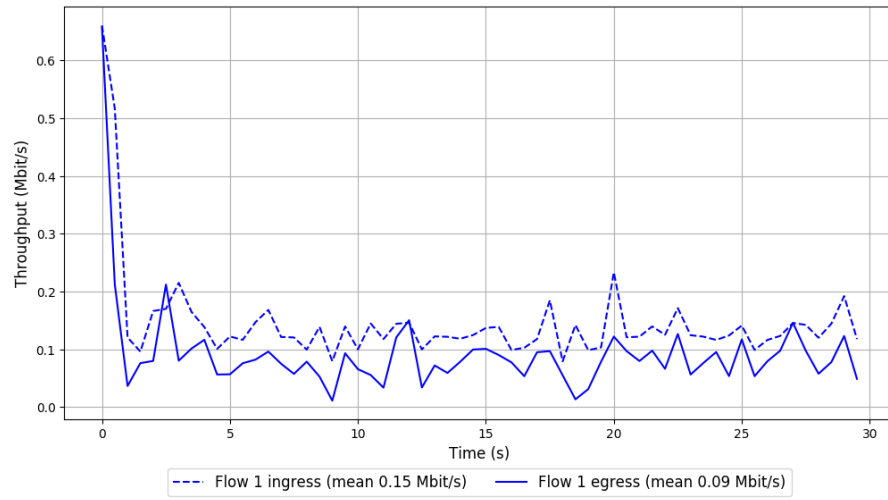
-- Flow 1:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 83.146 ms

Loss rate: 36.96%

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



Run 5: Statistics of Sprout

Start at: 2018-01-09 01:32:49

End at: 2018-01-09 01:33:19

Local clock offset: -8.688 ms

Remote clock offset: 9.838 ms

# Below is generated by plot.py at 2018-01-09 23:03:48

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 71.894 ms

Loss rate: 39.74%

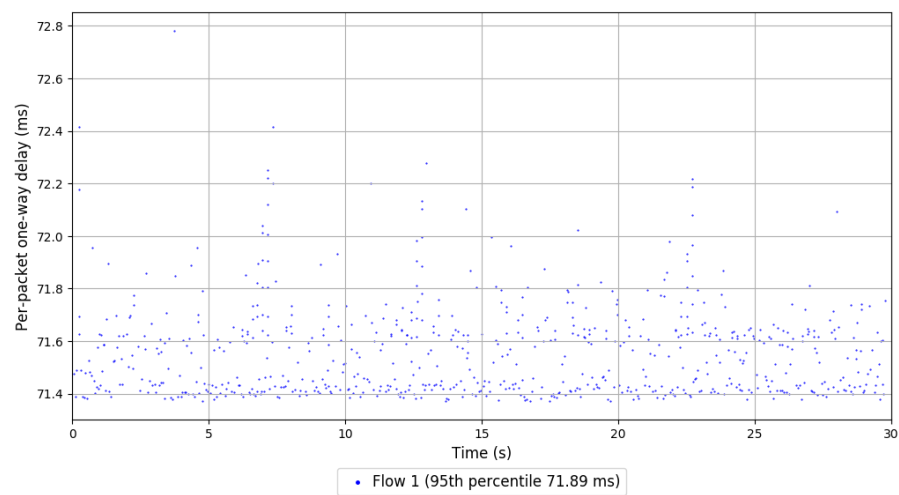
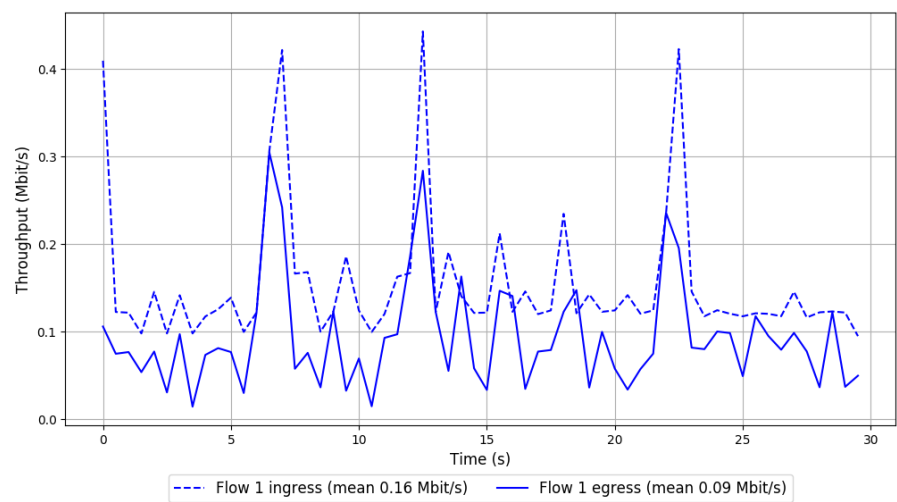
-- Flow 1:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 71.894 ms

Loss rate: 39.74%

Run 5: Report of Sprout — Data Link

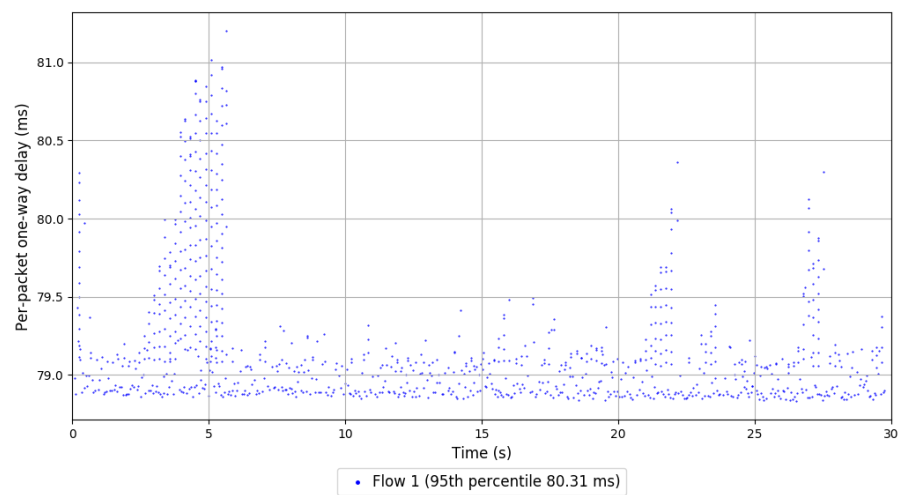
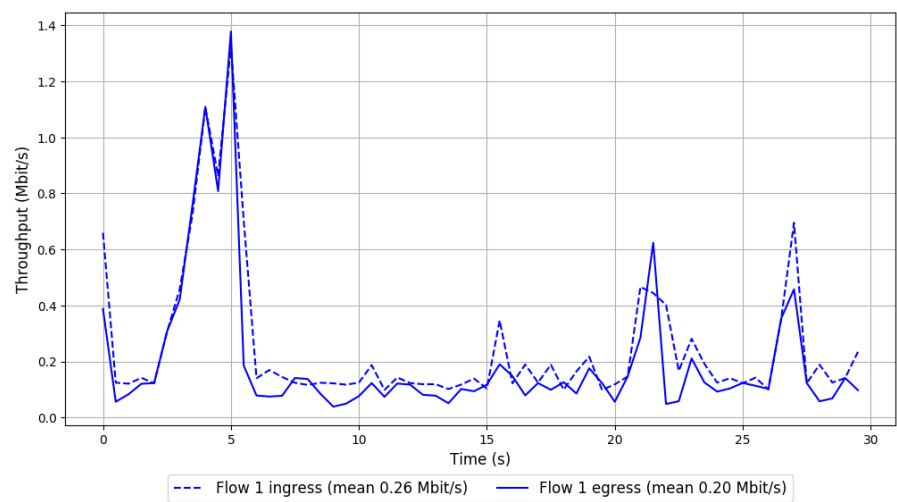


Run 6: Statistics of Sprout

Start at: 2018-01-09 03:04:46  
End at: 2018-01-09 03:05:16  
Local clock offset: -1.647 ms  
Remote clock offset: -1.779 ms

# Below is generated by plot.py at 2018-01-09 23:03:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.20 Mbit/s  
95th percentile per-packet one-way delay: 80.315 ms  
Loss rate: 21.86%  
-- Flow 1:  
Average throughput: 0.20 Mbit/s  
95th percentile per-packet one-way delay: 80.315 ms  
Loss rate: 21.86%

Run 6: Report of Sprout — Data Link



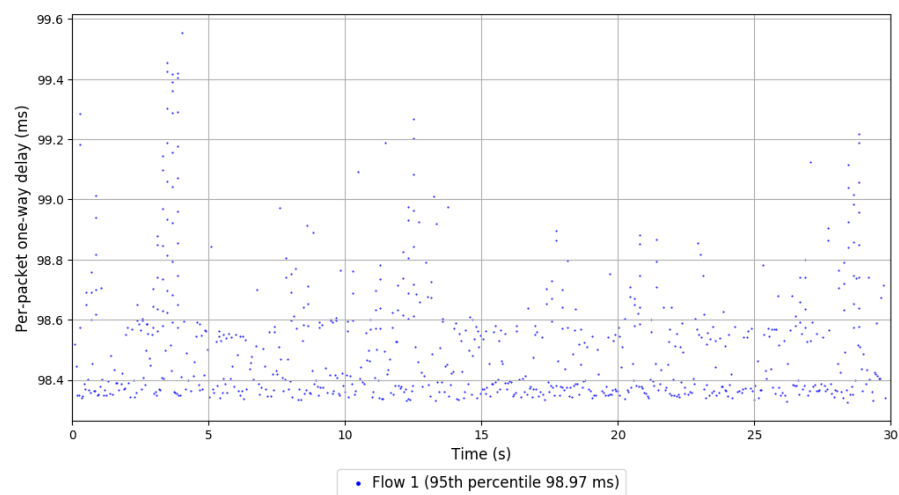
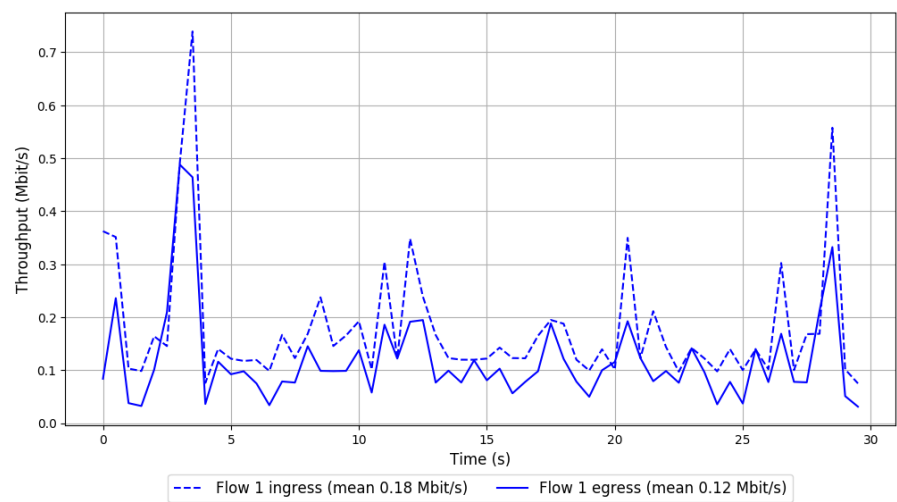
Run 7: Statistics of Sprout

Start at: 2018-01-09 04:20:31  
End at: 2018-01-09 04:21:01  
Local clock offset: 1.788 ms  
Remote clock offset: -20.823 ms

# Below is generated by plot.py at 2018-01-09 23:03:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.12 Mbit/s  
95th percentile per-packet one-way delay: 98.971 ms  
Loss rate: 33.29%  
-- Flow 1:  
Average throughput: 0.12 Mbit/s  
95th percentile per-packet one-way delay: 98.971 ms  
Loss rate: 33.29%



Run 7: Report of Sprout — Data Link

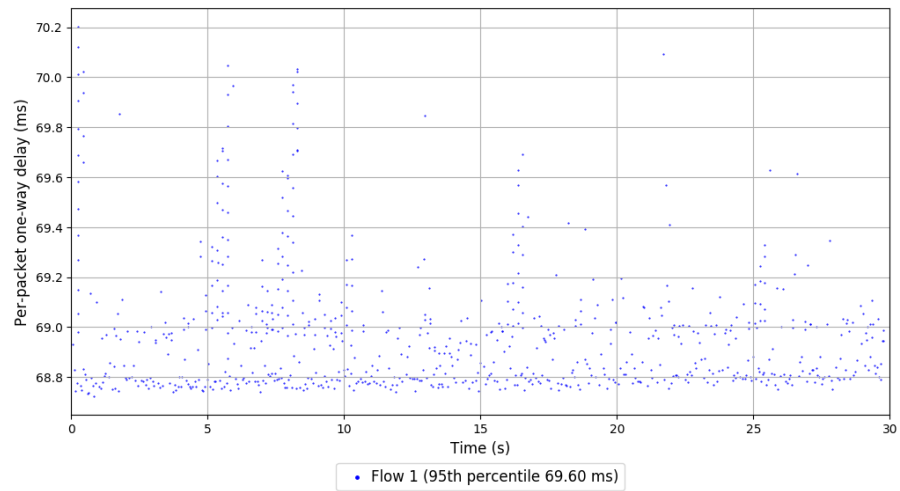
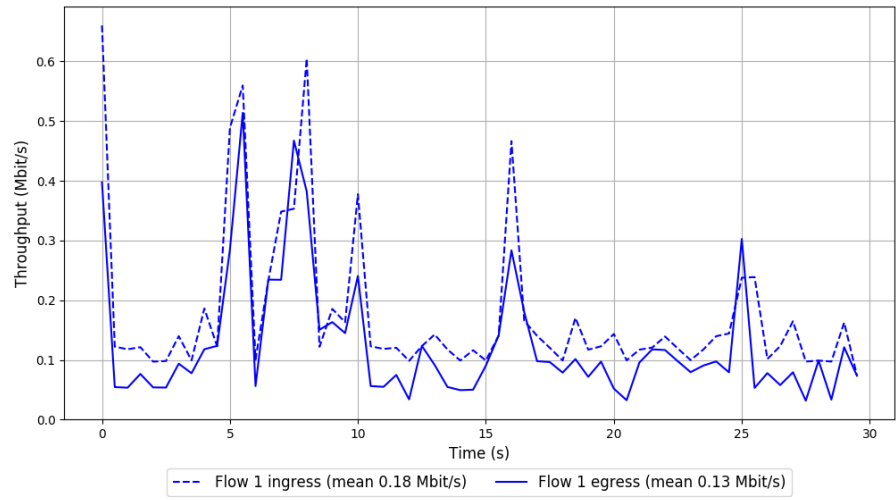


Run 8: Statistics of Sprout

Start at: 2018-01-09 05:51:03  
End at: 2018-01-09 05:51:33  
Local clock offset: 2.505 ms  
Remote clock offset: 13.896 ms

# Below is generated by plot.py at 2018-01-09 23:03:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.13 Mbit/s  
95th percentile per-packet one-way delay: 69.597 ms  
Loss rate: 28.62%  
-- Flow 1:  
Average throughput: 0.13 Mbit/s  
95th percentile per-packet one-way delay: 69.597 ms  
Loss rate: 28.62%

## Run 8: Report of Sprout — Data Link

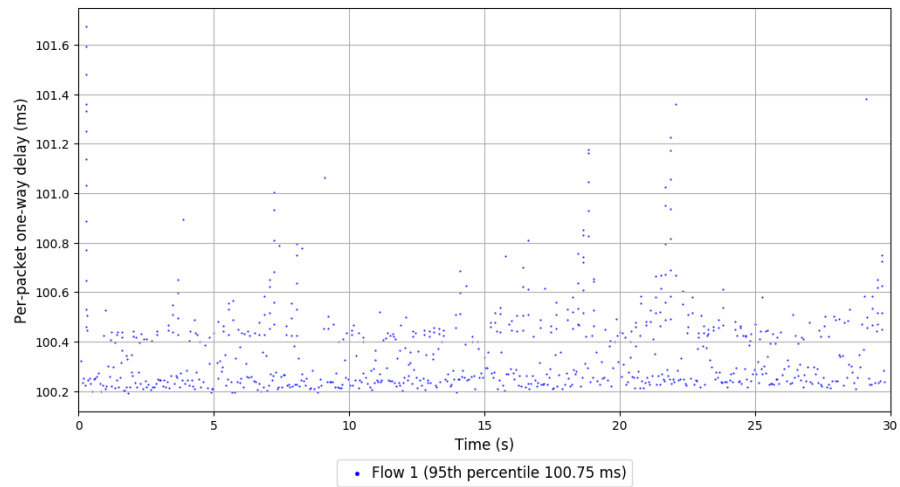
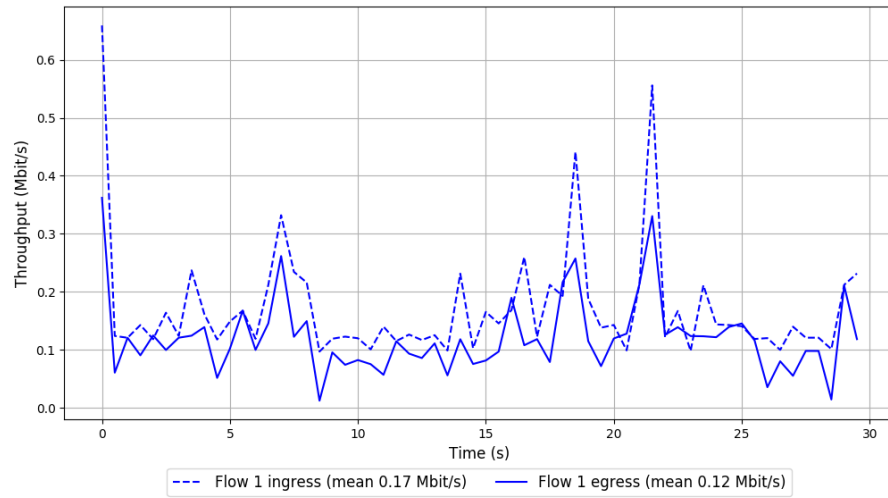


Run 9: Statistics of Sprout

Start at: 2018-01-09 06:48:36  
End at: 2018-01-09 06:49:06  
Local clock offset: 0.401 ms  
Remote clock offset: -18.496 ms

# Below is generated by plot.py at 2018-01-09 23:03:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.12 Mbit/s  
95th percentile per-packet one-way delay: 100.745 ms  
Loss rate: 29.75%  
-- Flow 1:  
Average throughput: 0.12 Mbit/s  
95th percentile per-packet one-way delay: 100.745 ms  
Loss rate: 29.75%

## Run 9: Report of Sprout — Data Link

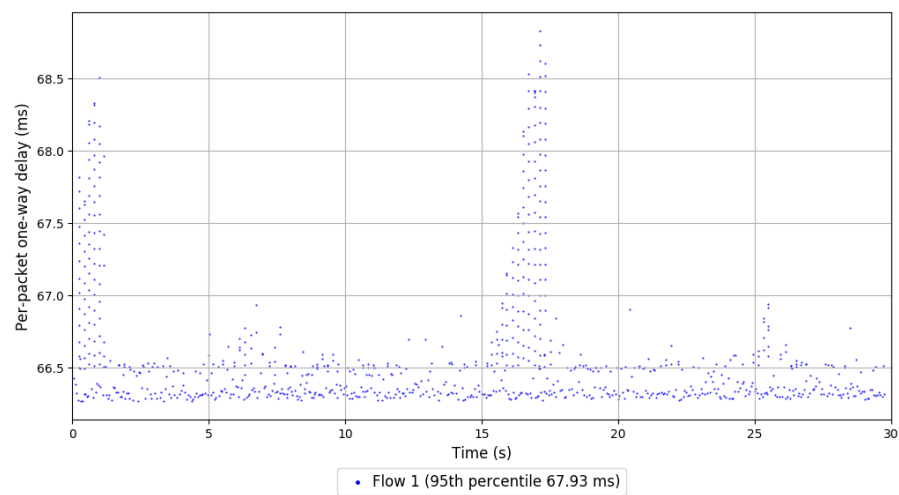
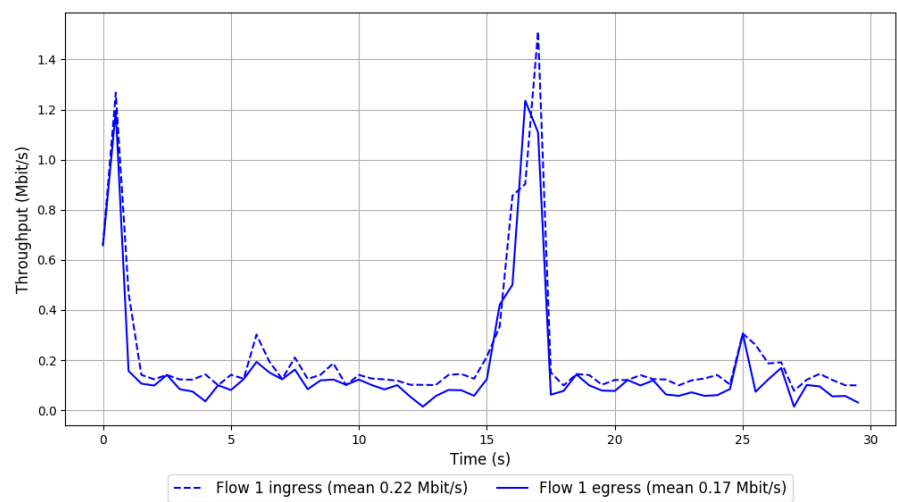


Run 10: Statistics of Sprout

Start at: 2018-01-09 07:42:28  
End at: 2018-01-09 07:42:58  
Local clock offset: -0.492 ms  
Remote clock offset: 15.177 ms

# Below is generated by plot.py at 2018-01-09 23:03:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.17 Mbit/s  
95th percentile per-packet one-way delay: 67.931 ms  
Loss rate: 23.21%  
-- Flow 1:  
Average throughput: 0.17 Mbit/s  
95th percentile per-packet one-way delay: 67.931 ms  
Loss rate: 23.21%

Run 10: Report of Sprout — Data Link



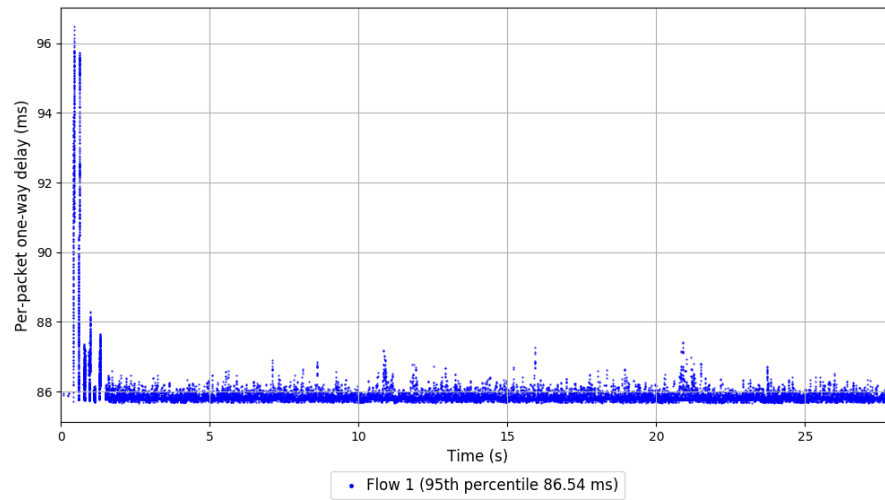
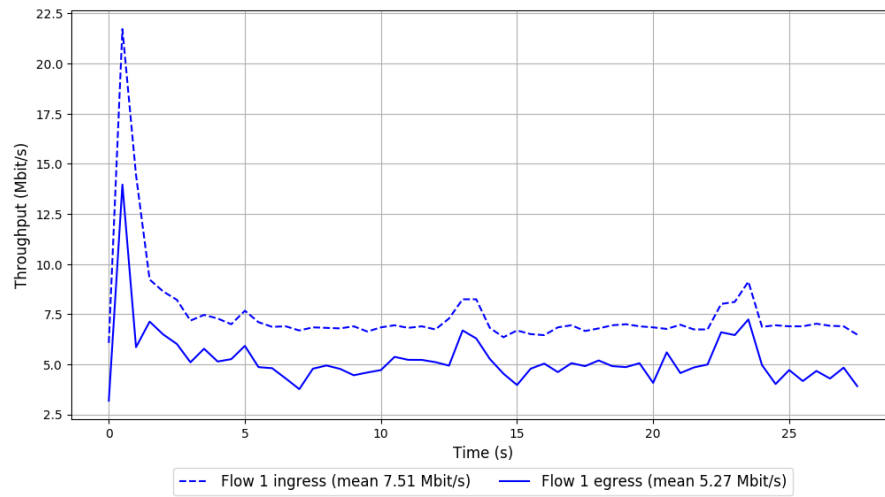
```
Run 1: Statistics of TaoVA-100x

Start at: 2018-01-08 19:44:46
End at: 2018-01-08 19:45:16
Local clock offset: 3.181 ms
Remote clock offset: -4.293 ms

# Below is generated by plot.py at 2018-01-09 23:04:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 86.541 ms
Loss rate: 30.24%
-- Flow 1:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 86.541 ms
Loss rate: 30.24%
```



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



Run 2: Statistics of TaoVA-100x

Start at: 2018-01-08 21:20:28

End at: 2018-01-08 21:20:58

Local clock offset: 1.44 ms

Remote clock offset: -3.558 ms

# Below is generated by plot.py at 2018-01-09 23:04:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.63 Mbit/s

95th percentile per-packet one-way delay: 90.396 ms

Loss rate: 33.73%

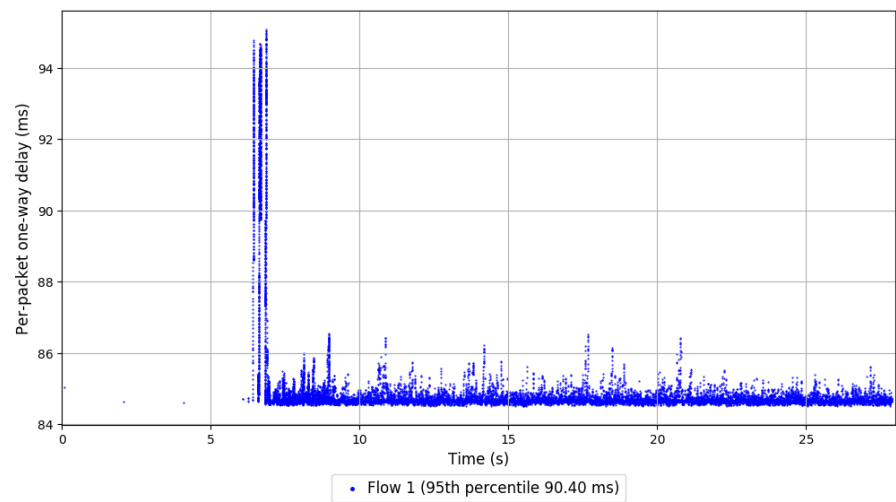
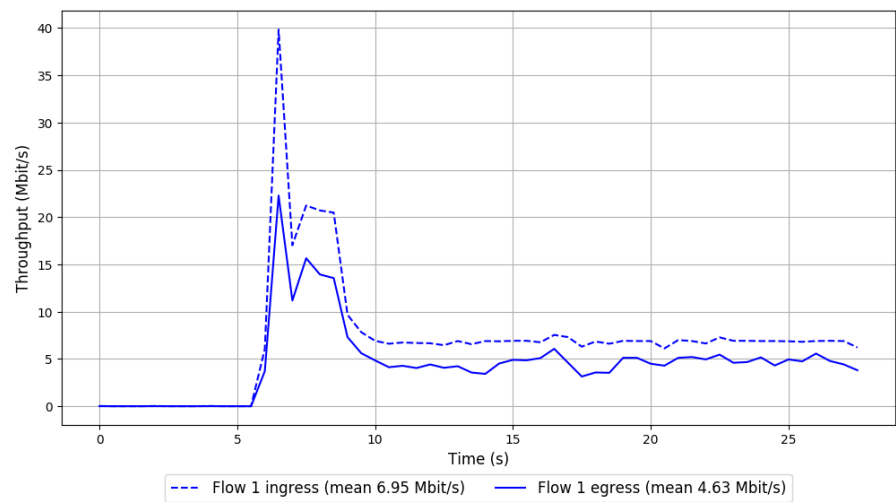
-- Flow 1:

Average throughput: 4.63 Mbit/s

95th percentile per-packet one-way delay: 90.396 ms

Loss rate: 33.73%

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

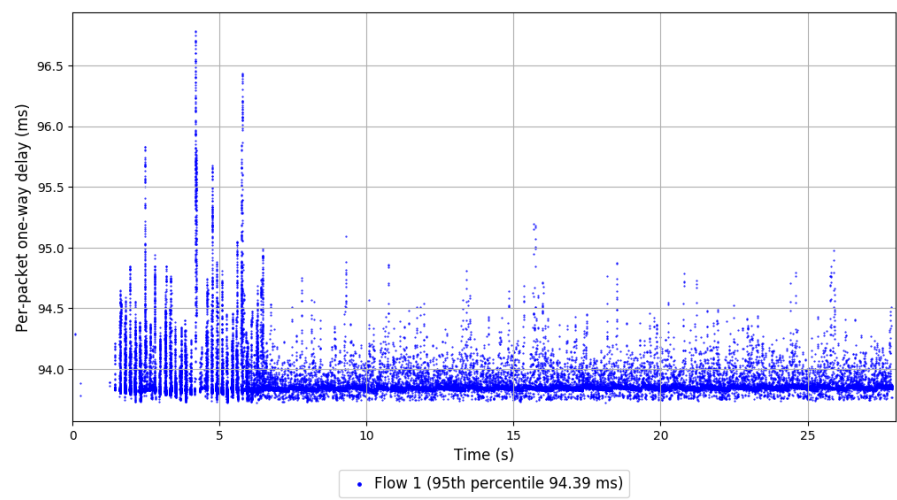
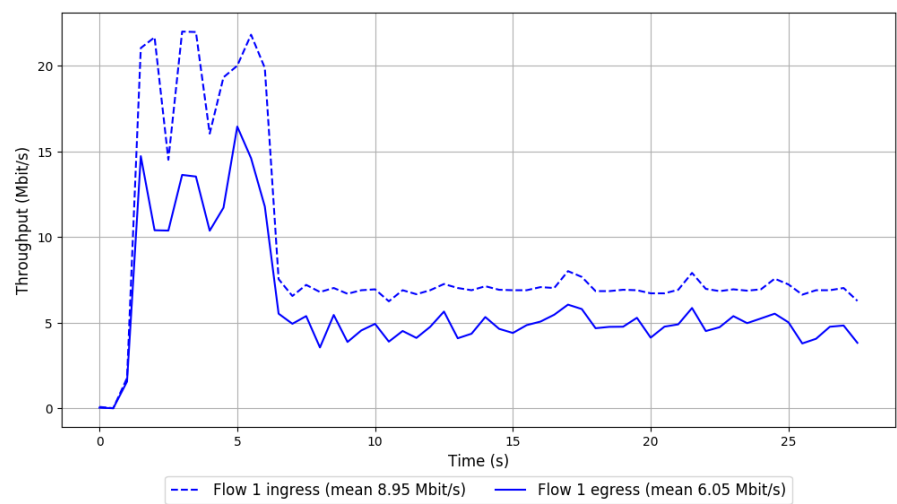


Run 3: Statistics of TaoVA-100x

Start at: 2018-01-08 22:42:23  
End at: 2018-01-08 22:42:53  
Local clock offset: 2.428 ms  
Remote clock offset: -13.096 ms

# Below is generated by plot.py at 2018-01-09 23:04:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 6.05 Mbit/s  
95th percentile per-packet one-way delay: 94.390 ms  
Loss rate: 32.80%  
-- Flow 1:  
Average throughput: 6.05 Mbit/s  
95th percentile per-packet one-way delay: 94.390 ms  
Loss rate: 32.80%

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

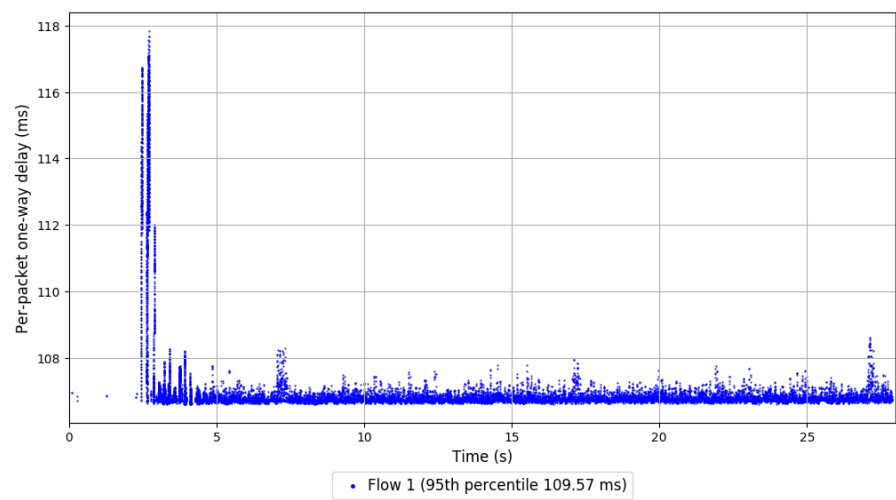
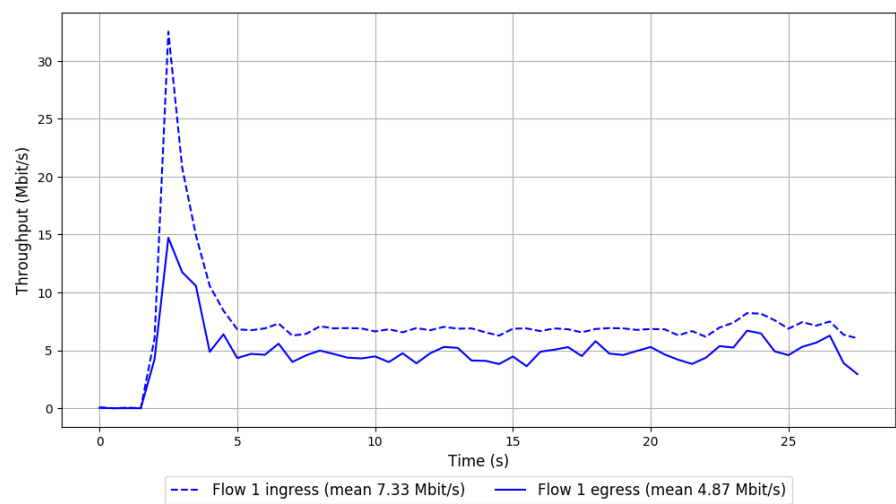


Run 4: Statistics of TaoVA-100x

Start at: 2018-01-08 23:53:23  
End at: 2018-01-08 23:53:53  
Local clock offset: 18.076 ms  
Remote clock offset: -3.733 ms

# Below is generated by plot.py at 2018-01-09 23:04:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.87 Mbit/s  
95th percentile per-packet one-way delay: 109.568 ms  
Loss rate: 33.93%  
-- Flow 1:  
Average throughput: 4.87 Mbit/s  
95th percentile per-packet one-way delay: 109.568 ms  
Loss rate: 33.93%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-01-09 01:21:43

End at: 2018-01-09 01:22:13

Local clock offset: -8.934 ms

Remote clock offset: 4.428 ms

# Below is generated by plot.py at 2018-01-09 23:04:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.69 Mbit/s

95th percentile per-packet one-way delay: 77.010 ms

Loss rate: 32.69%

-- Flow 1:

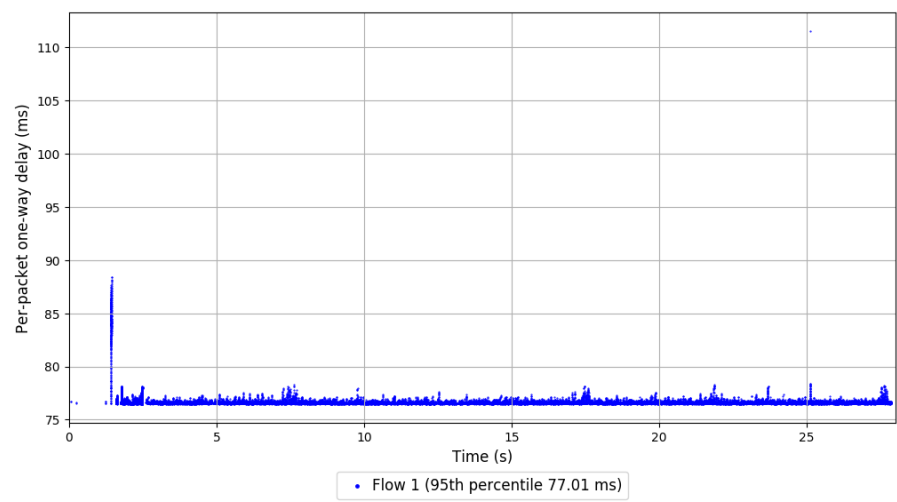
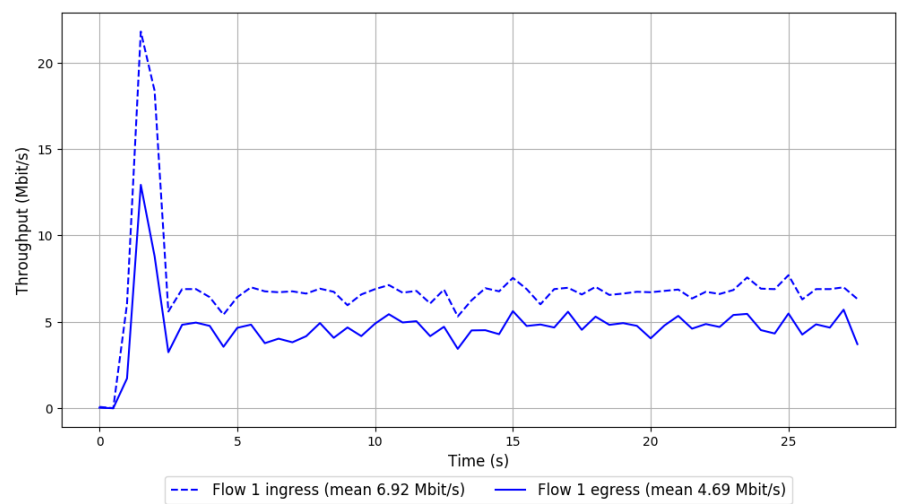
Average throughput: 4.69 Mbit/s

95th percentile per-packet one-way delay: 77.010 ms

Loss rate: 32.69%



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



Run 6: Statistics of TaoVA-100x

Start at: 2018-01-09 02:48:23

End at: 2018-01-09 02:48:53

Local clock offset: -2.355 ms

Remote clock offset: -2.984 ms

# Below is generated by plot.py at 2018-01-09 23:04:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.46 Mbit/s

95th percentile per-packet one-way delay: 86.123 ms

Loss rate: 30.86%

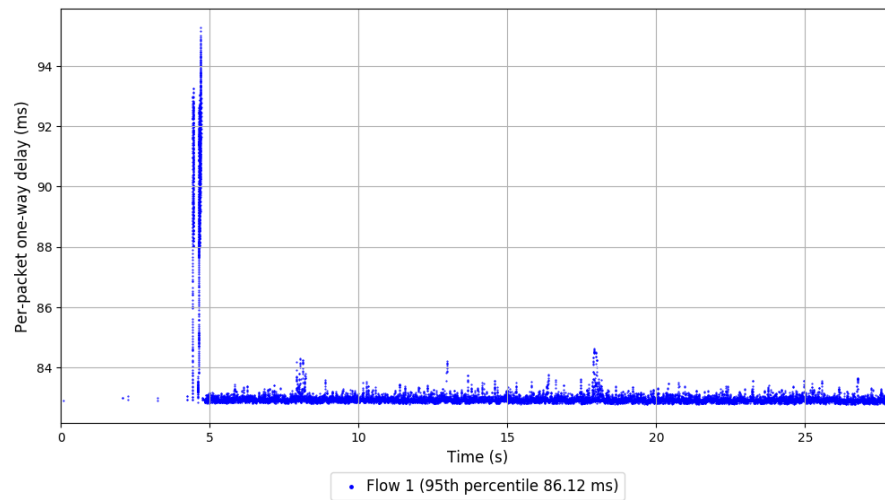
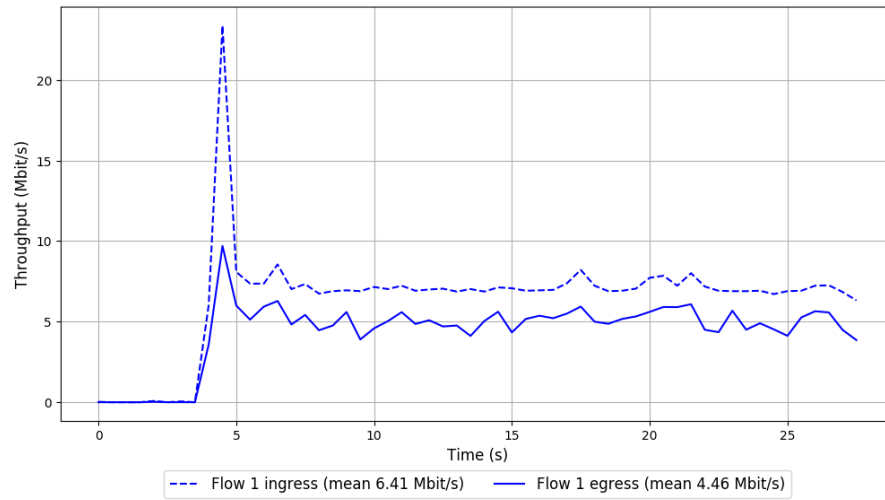
-- Flow 1:

Average throughput: 4.46 Mbit/s

95th percentile per-packet one-way delay: 86.123 ms

Loss rate: 30.86%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-01-09 04:07:43

End at: 2018-01-09 04:08:13

Local clock offset: 1.23 ms

Remote clock offset: -1.67 ms

# Below is generated by plot.py at 2018-01-09 23:04:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.96 Mbit/s

95th percentile per-packet one-way delay: 80.837 ms

Loss rate: 32.75%

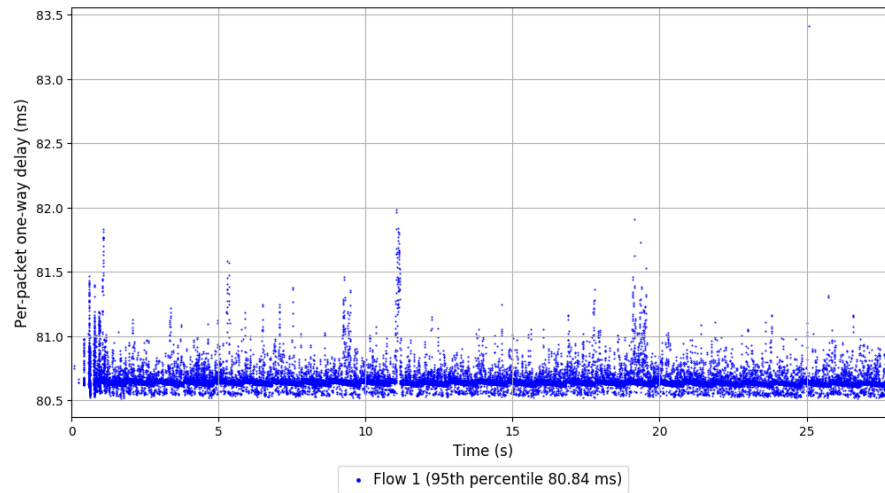
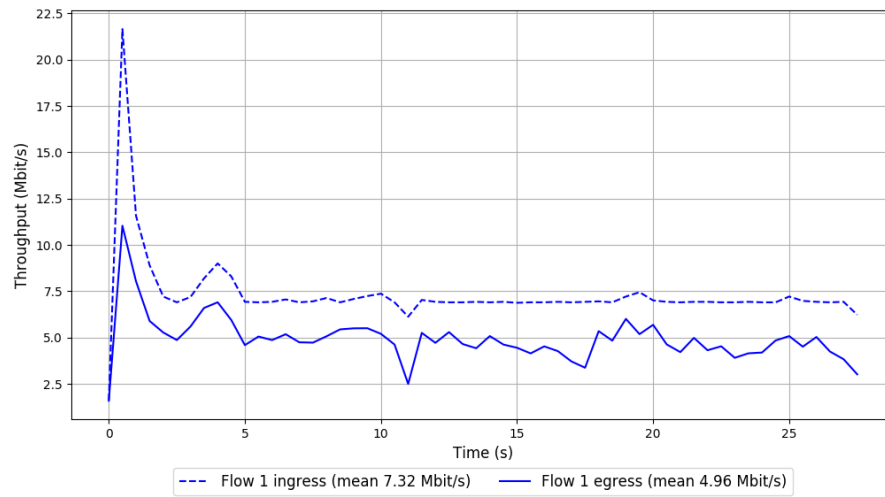
-- Flow 1:

Average throughput: 4.96 Mbit/s

95th percentile per-packet one-way delay: 80.837 ms

Loss rate: 32.75%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-01-09 05:38:39

End at: 2018-01-09 05:39:09

Local clock offset: 2.678 ms

# Below is generated by plot.py at 2018-01-09 23:04:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.58 Mbit/s

95th percentile per-packet one-way delay: 81.081 ms

Loss rate: 31.27%

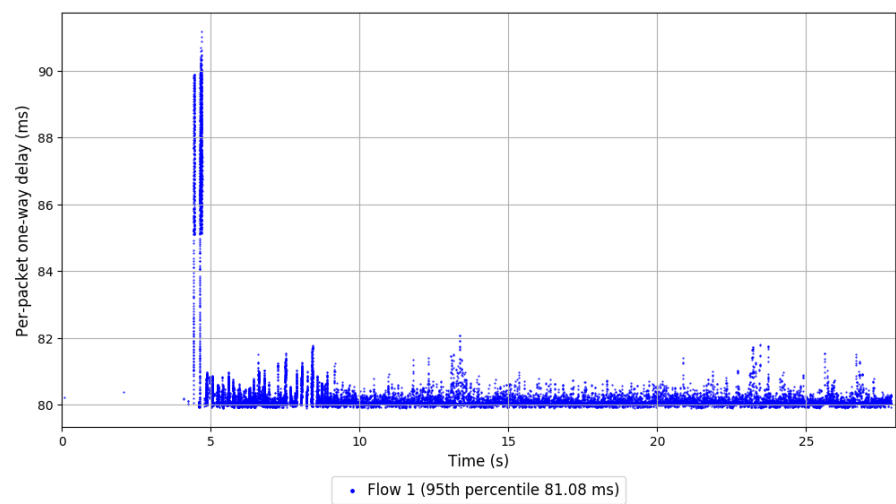
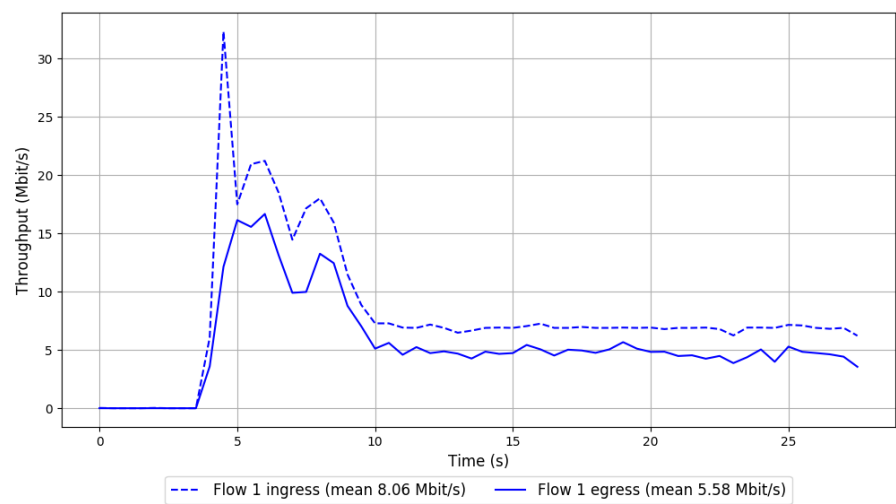
-- Flow 1:

Average throughput: 5.58 Mbit/s

95th percentile per-packet one-way delay: 81.081 ms

Loss rate: 31.27%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-01-09 06:34:53

End at: 2018-01-09 06:35:23

Local clock offset: 0.633 ms

Remote clock offset: -4.92 ms

# Below is generated by plot.py at 2018-01-09 23:04:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.28 Mbit/s

95th percentile per-packet one-way delay: 87.270 ms

Loss rate: 28.37%

-- Flow 1:

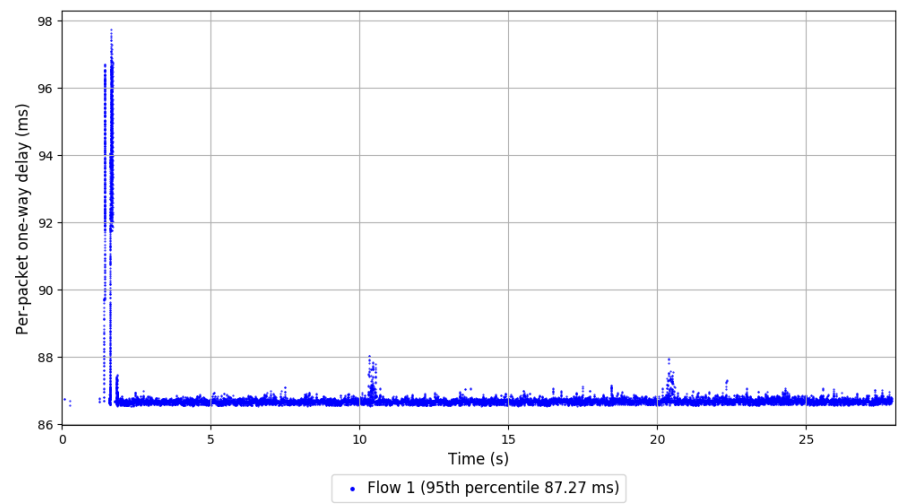
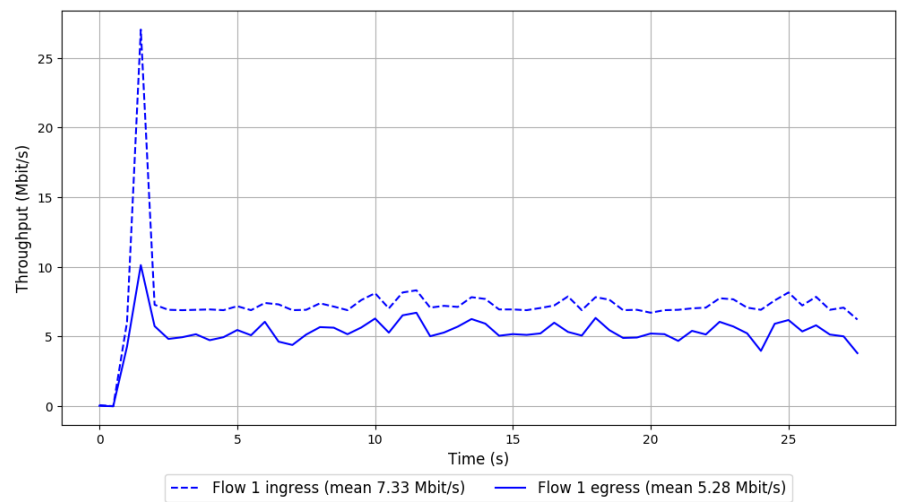
Average throughput: 5.28 Mbit/s

95th percentile per-packet one-way delay: 87.270 ms

Loss rate: 28.37%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-01-09 07:32:33

End at: 2018-01-09 07:33:03

Local clock offset: -0.321 ms

Remote clock offset: -4.995 ms

# Below is generated by plot.py at 2018-01-09 23:04:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.02 Mbit/s

95th percentile per-packet one-way delay: 86.680 ms

Loss rate: 27.59%

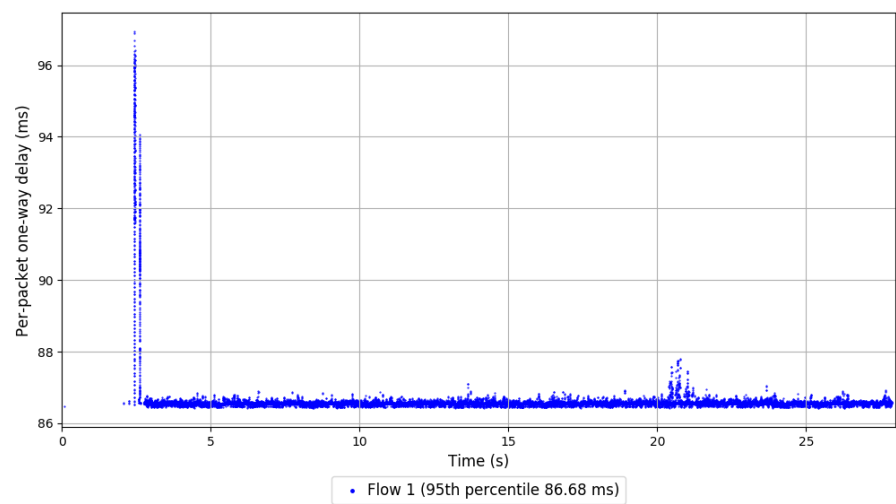
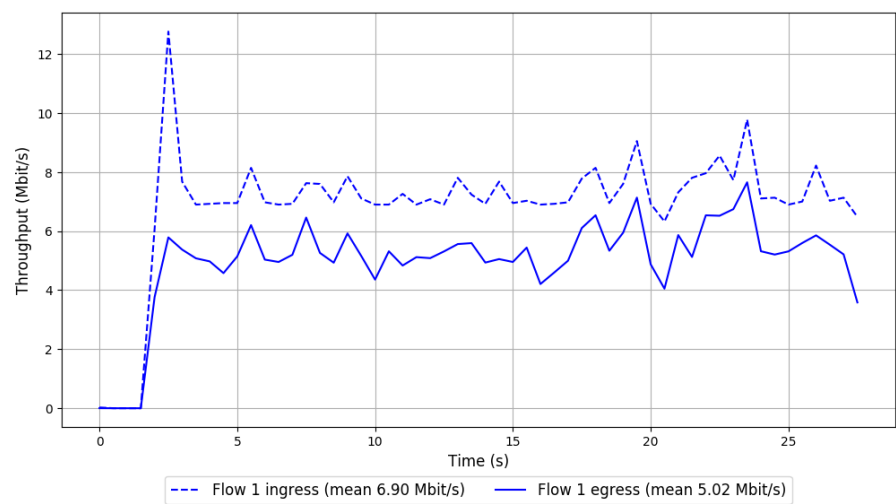
-- Flow 1:

Average throughput: 5.02 Mbit/s

95th percentile per-packet one-way delay: 86.680 ms

Loss rate: 27.59%

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

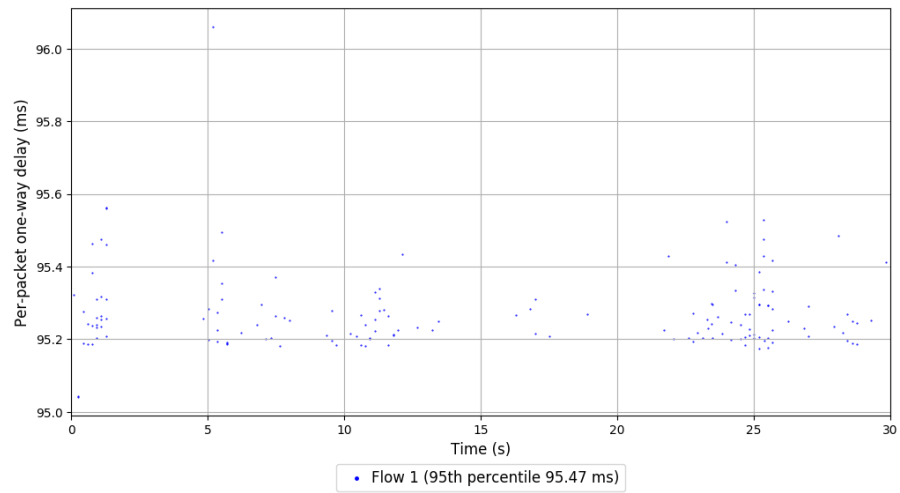
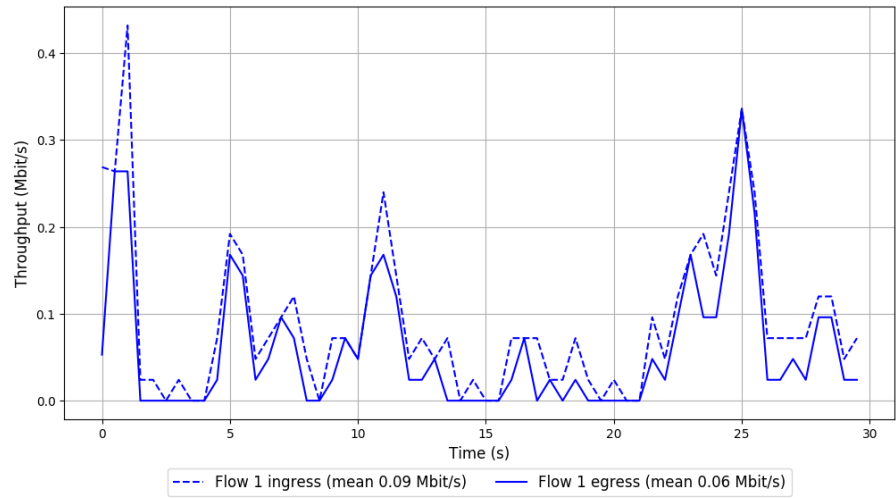


Run 1: Statistics of TCP Vegas

Start at: 2018-01-08 18:55:45  
End at: 2018-01-08 18:56:15  
Local clock offset: 2.298 ms  
Remote clock offset: -13.335 ms

# Below is generated by plot.py at 2018-01-09 23:04:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.06 Mbit/s  
95th percentile per-packet one-way delay: 95.474 ms  
Loss rate: 33.89%  
-- Flow 1:  
Average throughput: 0.06 Mbit/s  
95th percentile per-packet one-way delay: 95.474 ms  
Loss rate: 33.89%

# Run 1: Report of TCP Vegas — Data Link

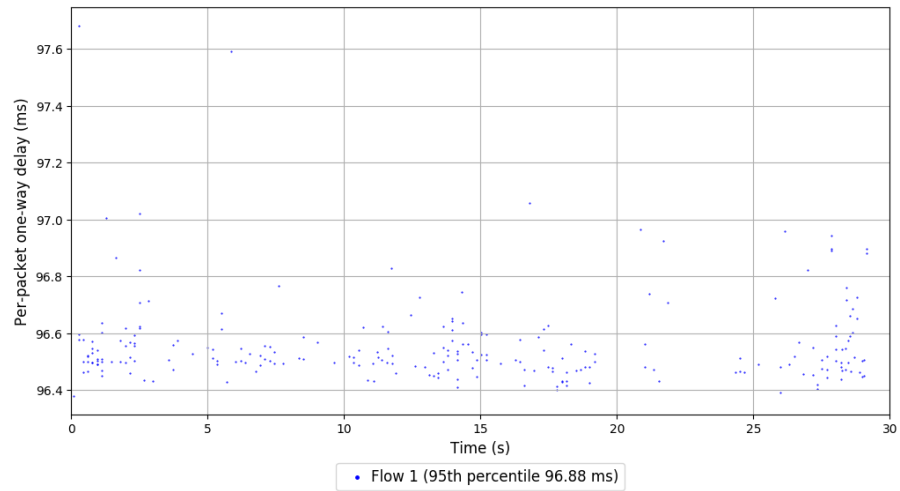
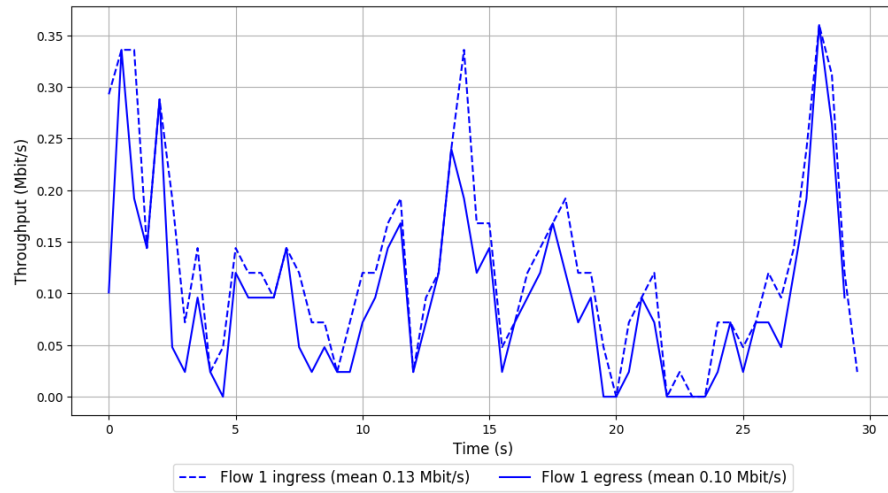


Run 2: Statistics of TCP Vegas

Start at: 2018-01-08 20:01:44  
End at: 2018-01-08 20:02:14  
Local clock offset: 4.59 ms  
Remote clock offset: -12.874 ms

# Below is generated by plot.py at 2018-01-09 23:04:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.10 Mbit/s  
95th percentile per-packet one-way delay: 96.882 ms  
Loss rate: 25.77%  
-- Flow 1:  
Average throughput: 0.10 Mbit/s  
95th percentile per-packet one-way delay: 96.882 ms  
Loss rate: 25.77%

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



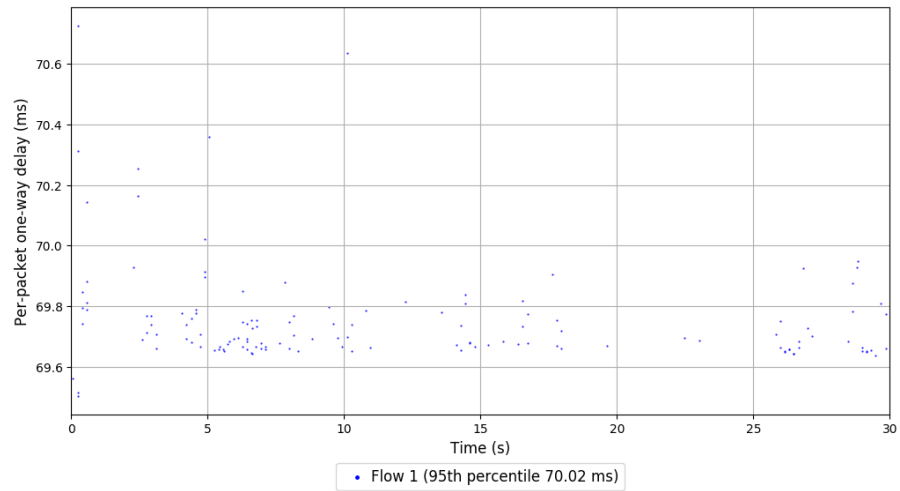
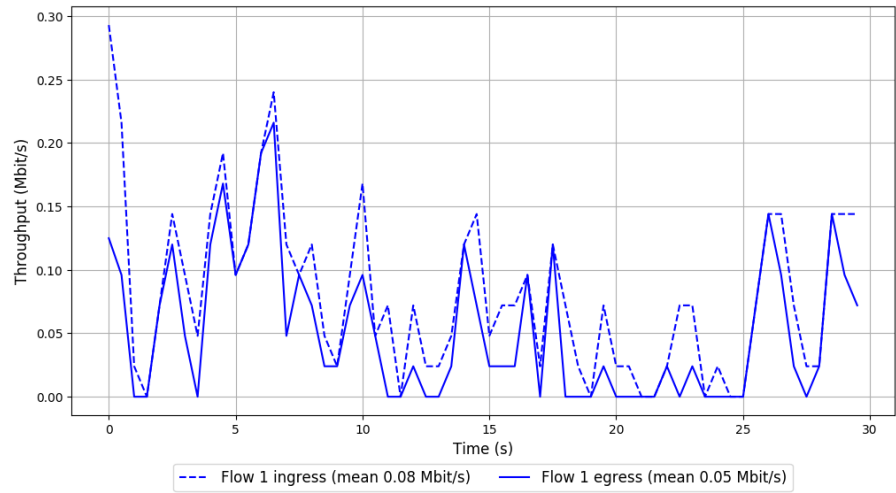
Run 3: Statistics of TCP Vegas

Start at: 2018-01-08 21:44:59  
End at: 2018-01-08 21:45:29  
Local clock offset: 1.96 ms  
Remote clock offset: 10.913 ms

# Below is generated by plot.py at 2018-01-09 23:04:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.05 Mbit/s  
95th percentile per-packet one-way delay: 70.021 ms  
Loss rate: 35.61%  
-- Flow 1:  
Average throughput: 0.05 Mbit/s  
95th percentile per-packet one-way delay: 70.021 ms  
Loss rate: 35.61%



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

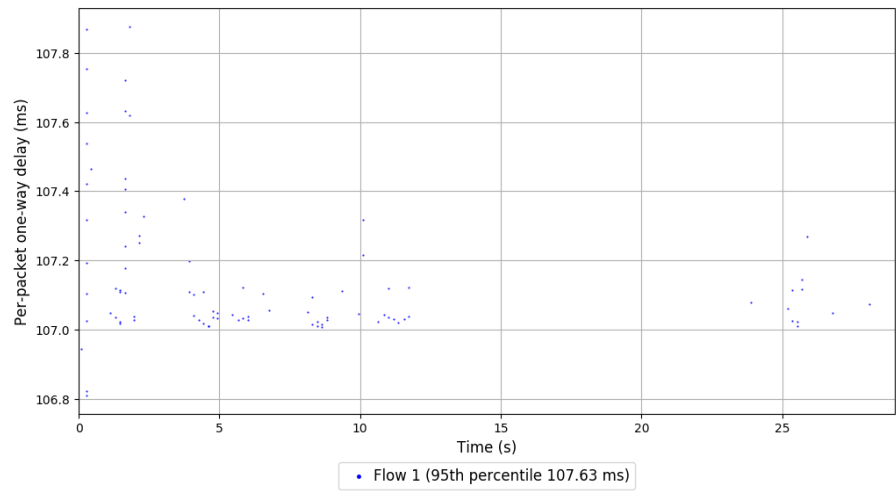
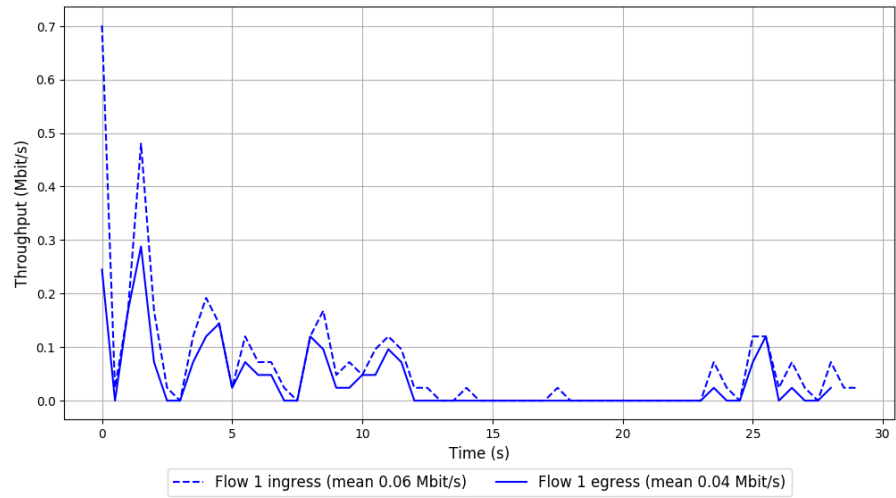


Run 4: Statistics of TCP Vegas

Start at: 2018-01-08 23:03:46  
End at: 2018-01-08 23:04:16  
Local clock offset: 8.732 ms  
Remote clock offset: -17.951 ms

# Below is generated by plot.py at 2018-01-09 23:04:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.04 Mbit/s  
95th percentile per-packet one-way delay: 107.633 ms  
Loss rate: 44.53%  
-- Flow 1:  
Average throughput: 0.04 Mbit/s  
95th percentile per-packet one-way delay: 107.633 ms  
Loss rate: 44.53%

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

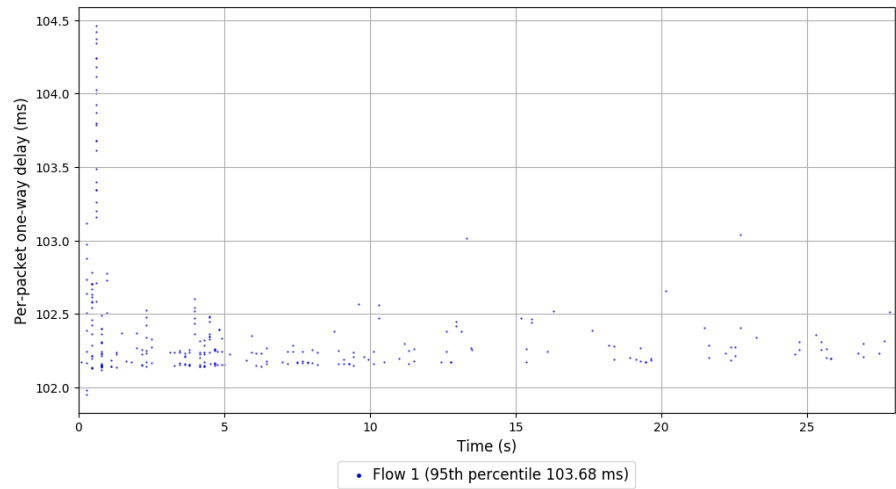
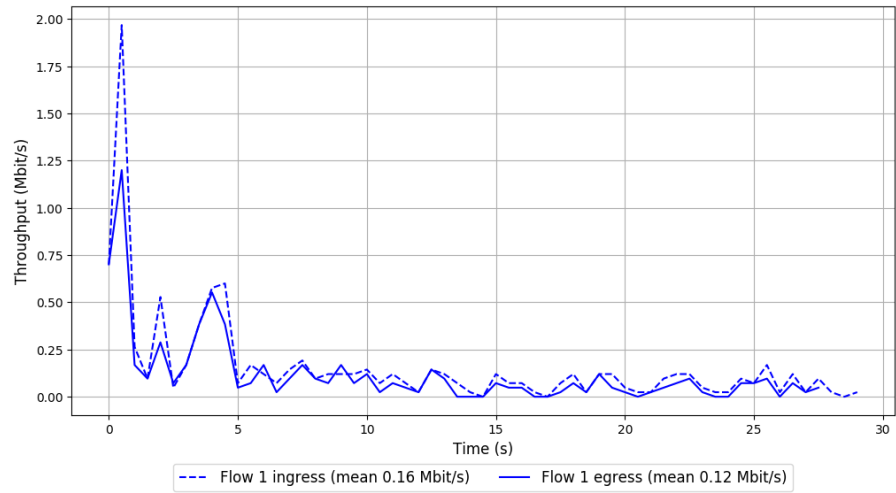


Run 5: Statistics of TCP Vegas

Start at: 2018-01-09 00:15:06  
End at: 2018-01-09 00:15:36  
Local clock offset: 10.856 ms  
Remote clock offset: -1.834 ms

# Below is generated by plot.py at 2018-01-09 23:04:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.12 Mbit/s  
95th percentile per-packet one-way delay: 103.682 ms  
Loss rate: 28.22%  
-- Flow 1:  
Average throughput: 0.12 Mbit/s  
95th percentile per-packet one-way delay: 103.682 ms  
Loss rate: 28.22%

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

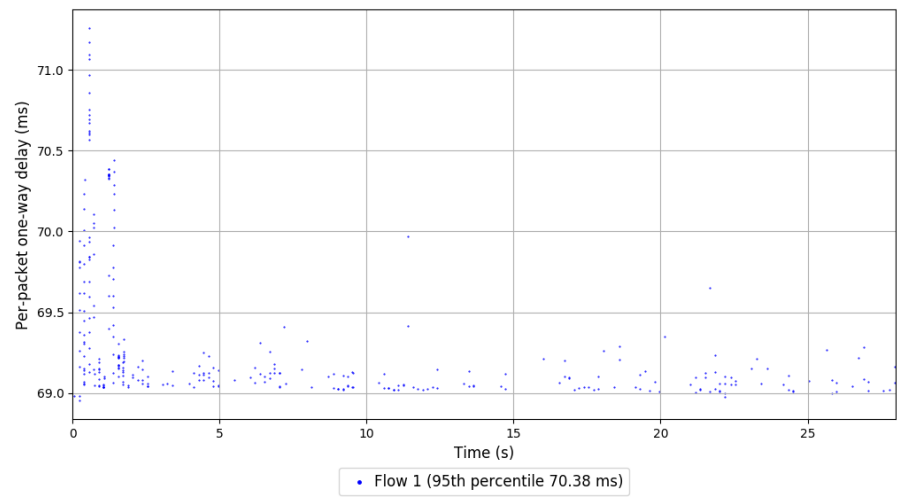
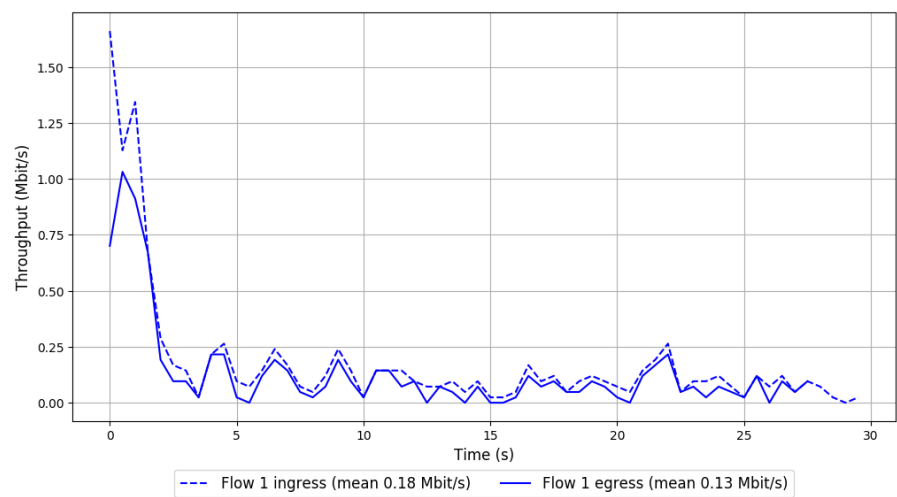


Run 6: Statistics of TCP Vegas

Start at: 2018-01-09 01:40:03  
End at: 2018-01-09 01:40:33  
Local clock offset: -8.487 ms  
Remote clock offset: 10.716 ms

# Below is generated by plot.py at 2018-01-09 23:04:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.13 Mbit/s  
95th percentile per-packet one-way delay: 70.384 ms  
Loss rate: 30.50%  
-- Flow 1:  
Average throughput: 0.13 Mbit/s  
95th percentile per-packet one-way delay: 70.384 ms  
Loss rate: 30.50%

Run 6: Report of TCP Vegas — Data Link

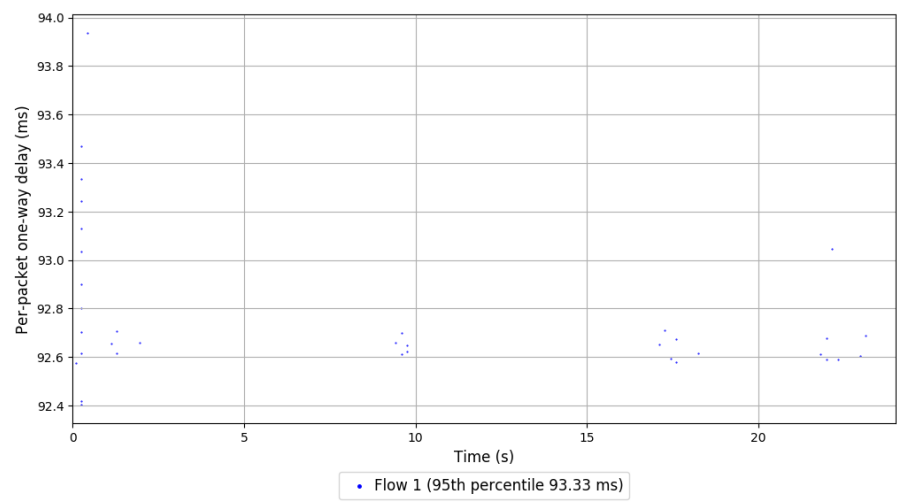
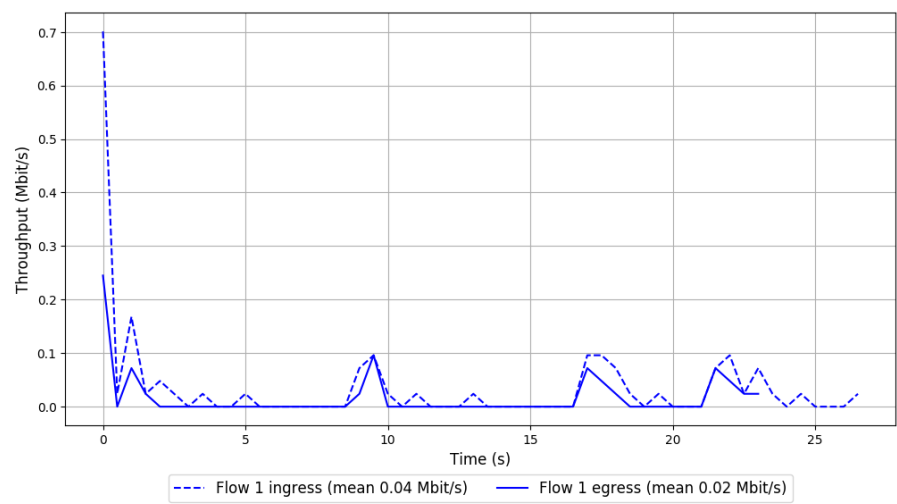


Run 7: Statistics of TCP Vegas

Start at: 2018-01-09 03:11:29  
End at: 2018-01-09 03:11:59  
Local clock offset: -1.372 ms  
Remote clock offset: -12.118 ms



Run 7: Report of TCP Vegas — Data Link

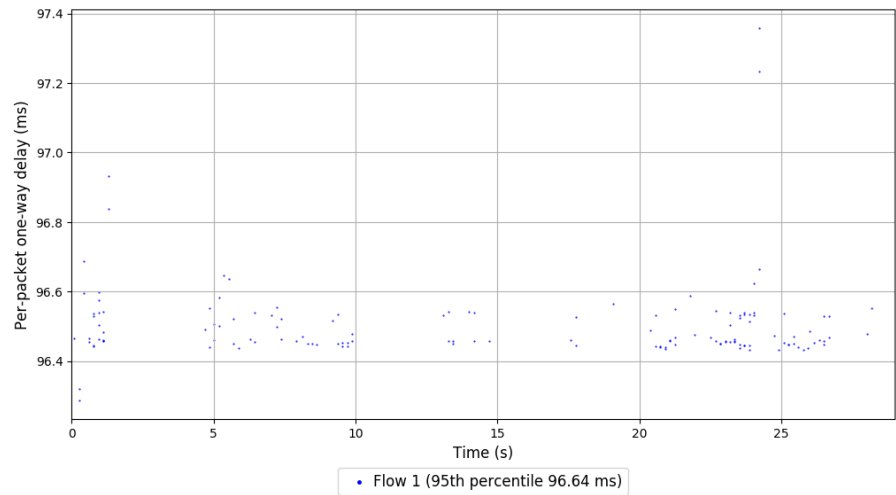
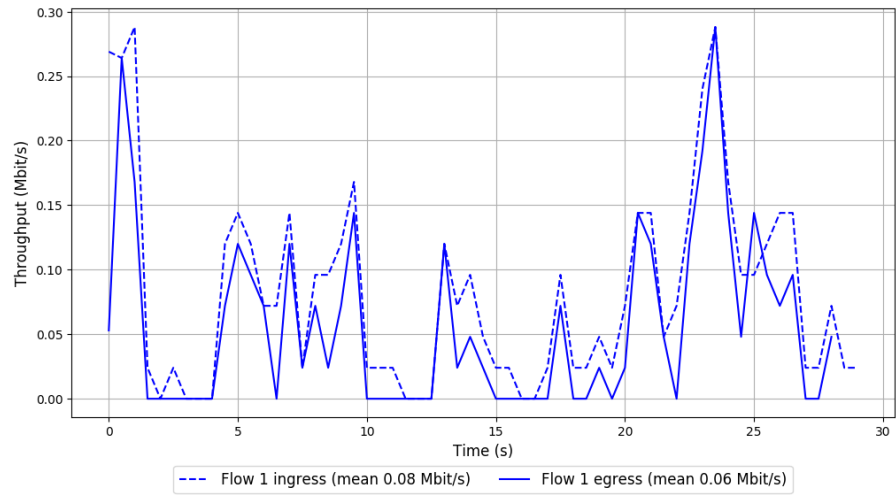


Run 8: Statistics of TCP Vegas

Start at: 2018-01-09 04:27:28  
End at: 2018-01-09 04:27:58  
Local clock offset: 2.012 ms  
Remote clock offset: -15.074 ms

# Below is generated by plot.py at 2018-01-09 23:04:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.06 Mbit/s  
95th percentile per-packet one-way delay: 96.635 ms  
Loss rate: 33.80%  
-- Flow 1:  
Average throughput: 0.06 Mbit/s  
95th percentile per-packet one-way delay: 96.635 ms  
Loss rate: 33.80%

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



Run 9: Statistics of TCP Vegas

Start at: 2018-01-09 05:57:35

End at: 2018-01-09 05:58:05

Local clock offset: 2.231 ms

Remote clock offset: 1.073 ms

# Below is generated by plot.py at 2018-01-09 23:04:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 80.483 ms

Loss rate: 39.25%

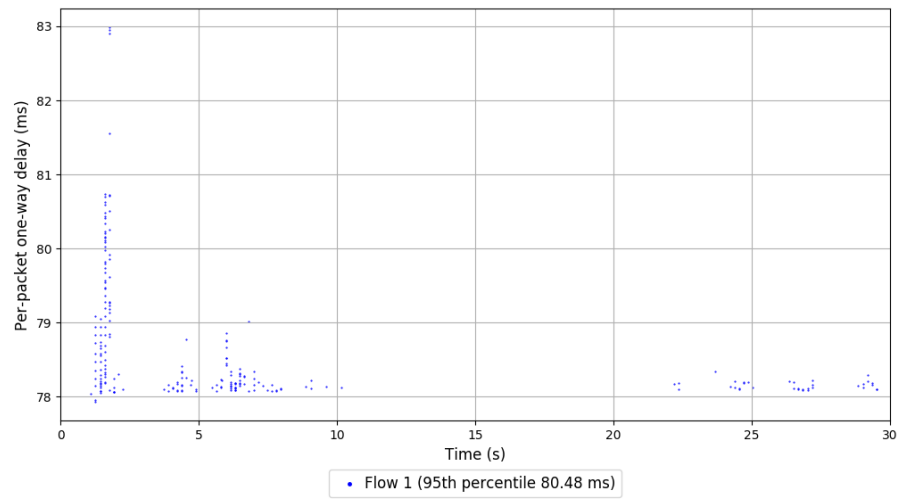
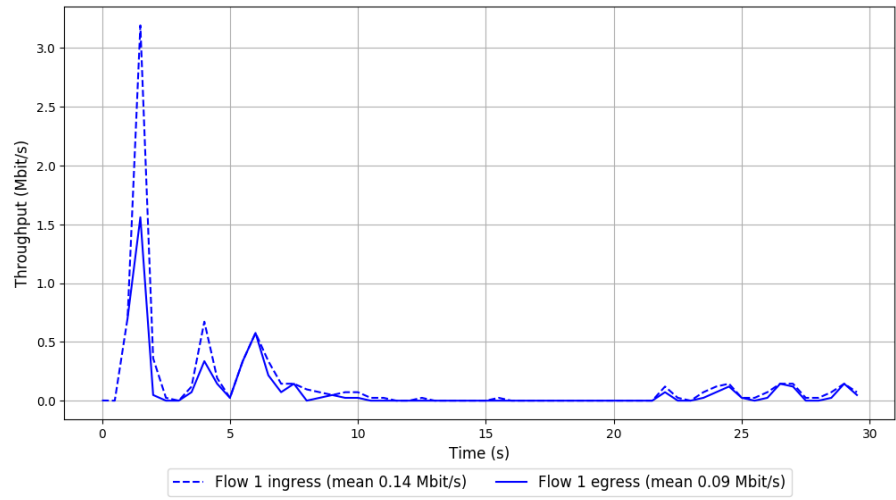
-- Flow 1:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 80.483 ms

Loss rate: 39.25%

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



Run 10: Statistics of TCP Vegas

Start at: 2018-01-09 06:55:07

End at: 2018-01-09 06:55:38

Local clock offset: 0.279 ms

Remote clock offset: -3.833 ms

# Below is generated by plot.py at 2018-01-09 23:04:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.927 ms

Loss rate: 36.28%

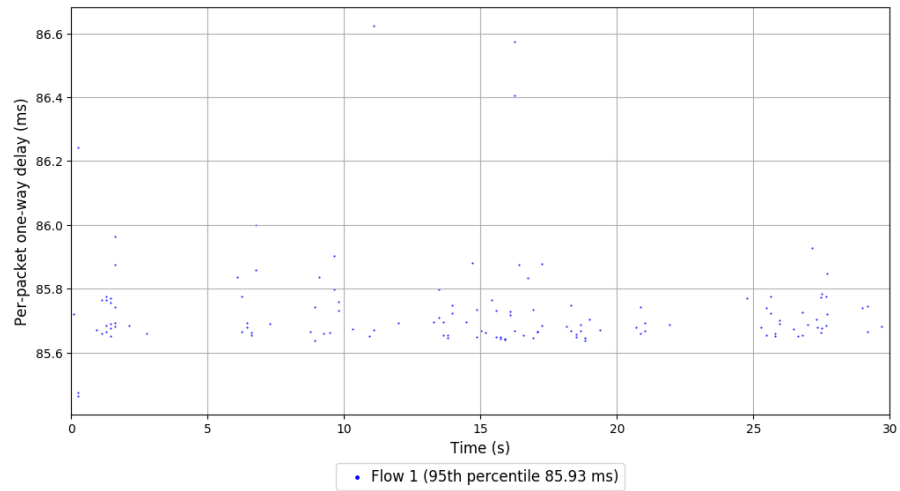
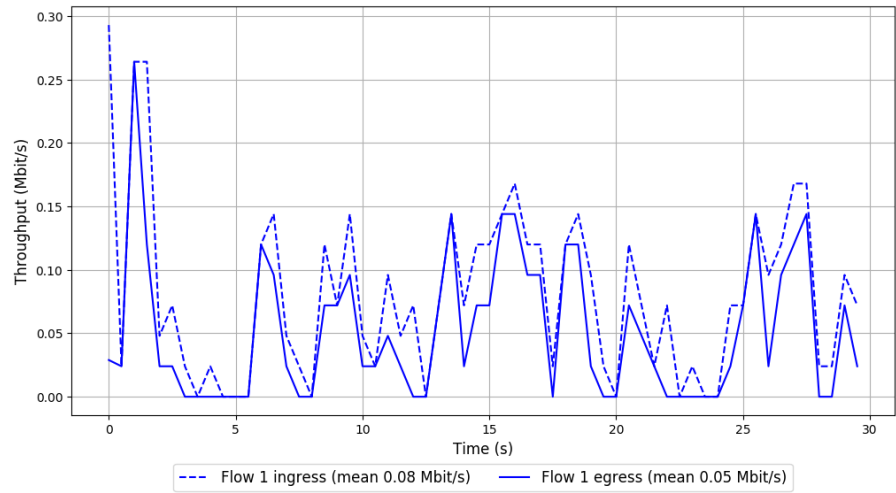
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.927 ms

Loss rate: 36.28%

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-01-08 19:50:03

End at: 2018-01-08 19:50:33

Local clock offset: 3.491 ms

Remote clock offset: 0.65 ms

# Below is generated by plot.py at 2018-01-09 23:04:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.67 Mbit/s

95th percentile per-packet one-way delay: 91.292 ms

Loss rate: 48.72%

-- Flow 1:

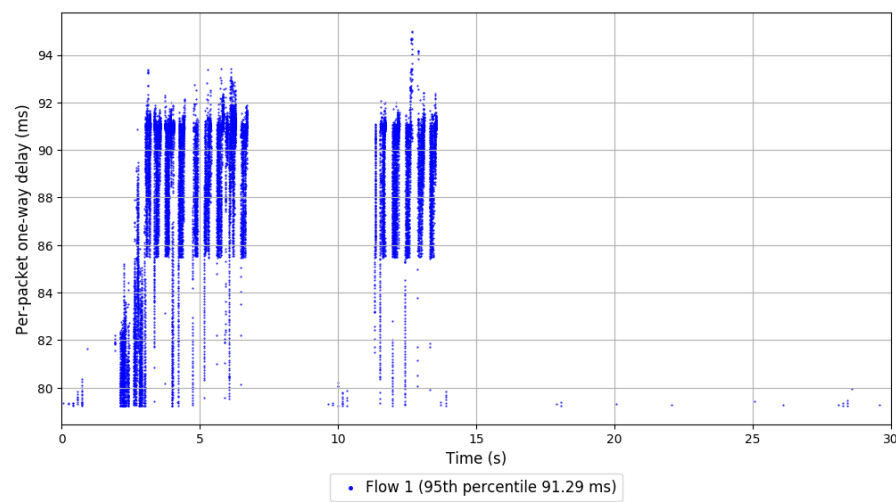
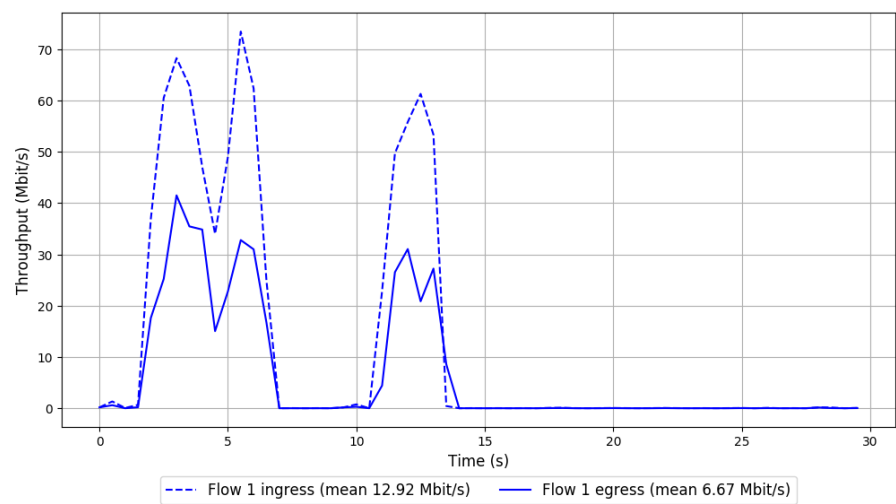
Average throughput: 6.67 Mbit/s

95th percentile per-packet one-way delay: 91.292 ms

Loss rate: 48.72%



Run 1: Report of Verus — Data Link

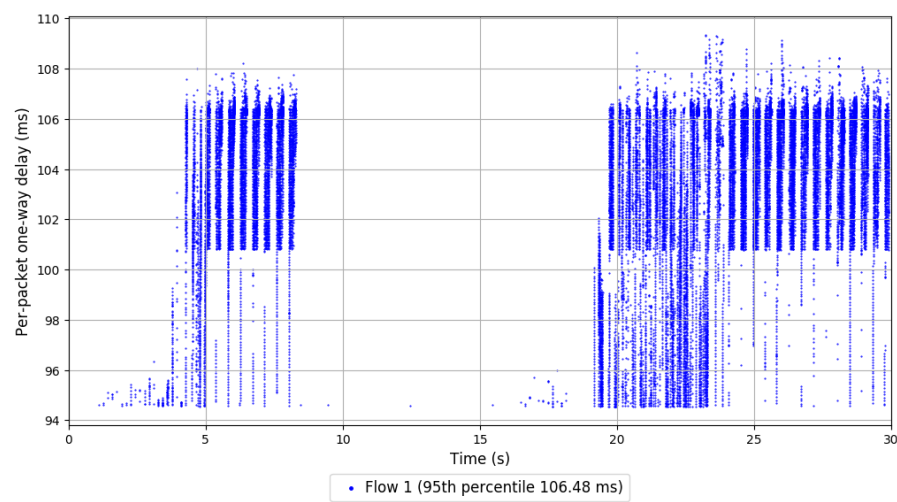
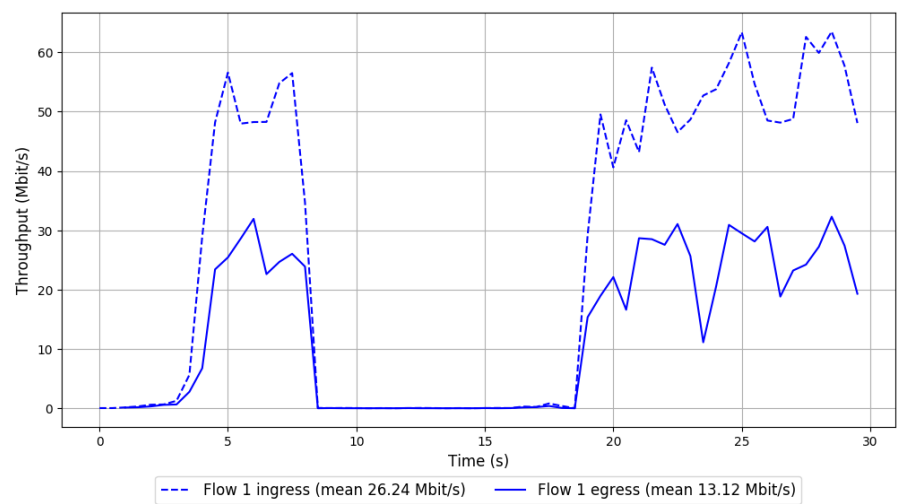


Run 2: Statistics of Verus

Start at: 2018-01-08 21:25:59  
End at: 2018-01-08 21:26:29  
Local clock offset: 1.475 ms  
Remote clock offset: -11.757 ms

# Below is generated by plot.py at 2018-01-09 23:04:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 13.12 Mbit/s  
95th percentile per-packet one-way delay: 106.479 ms  
Loss rate: 51.82%  
-- Flow 1:  
Average throughput: 13.12 Mbit/s  
95th percentile per-packet one-way delay: 106.479 ms  
Loss rate: 51.82%

Run 2: Report of Verus — Data Link

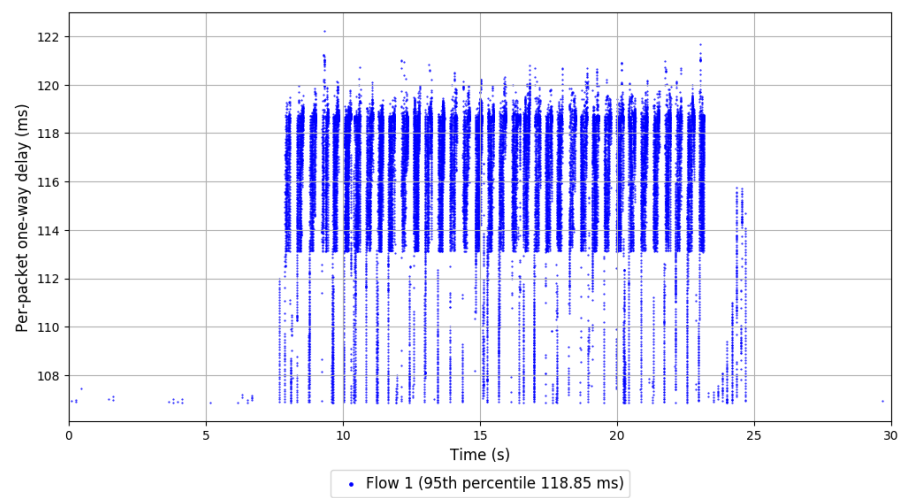
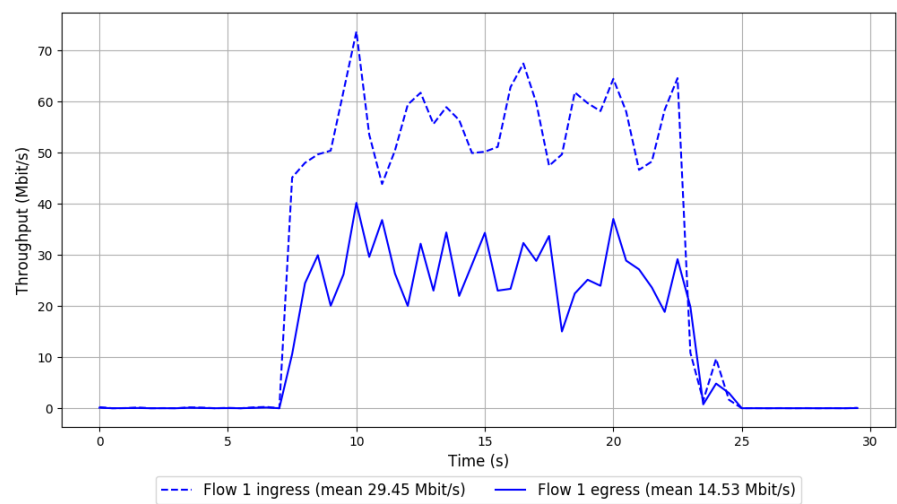


Run 3: Statistics of Verus

Start at: 2018-01-08 22:47:38  
End at: 2018-01-08 22:48:08  
Local clock offset: 7.448 ms  
Remote clock offset: -17.931 ms

# Below is generated by plot.py at 2018-01-09 23:05:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 14.53 Mbit/s  
95th percentile per-packet one-way delay: 118.847 ms  
Loss rate: 50.94%  
-- Flow 1:  
Average throughput: 14.53 Mbit/s  
95th percentile per-packet one-way delay: 118.847 ms  
Loss rate: 50.94%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-01-08 23:57:45

End at: 2018-01-08 23:58:15

Local clock offset: 13.577 ms

Remote clock offset: 3.214 ms

# Below is generated by plot.py at 2018-01-09 23:05:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 23.55 Mbit/s

95th percentile per-packet one-way delay: 105.558 ms

Loss rate: 47.52%

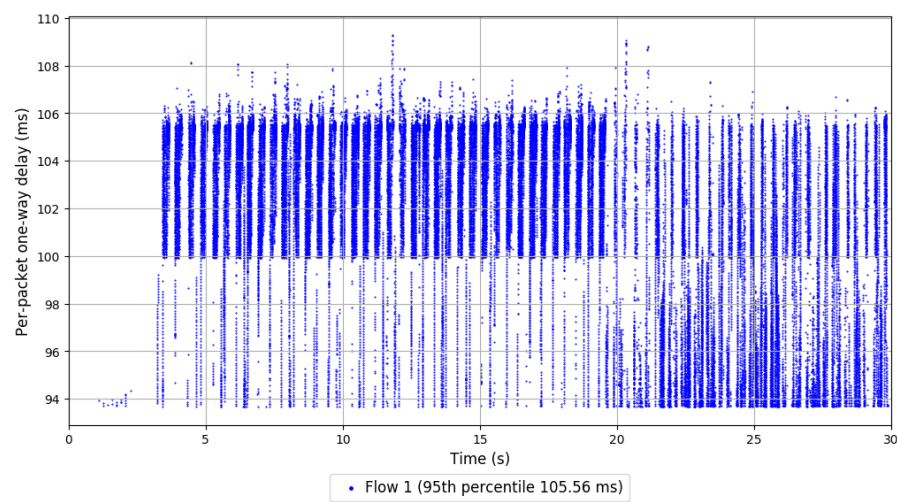
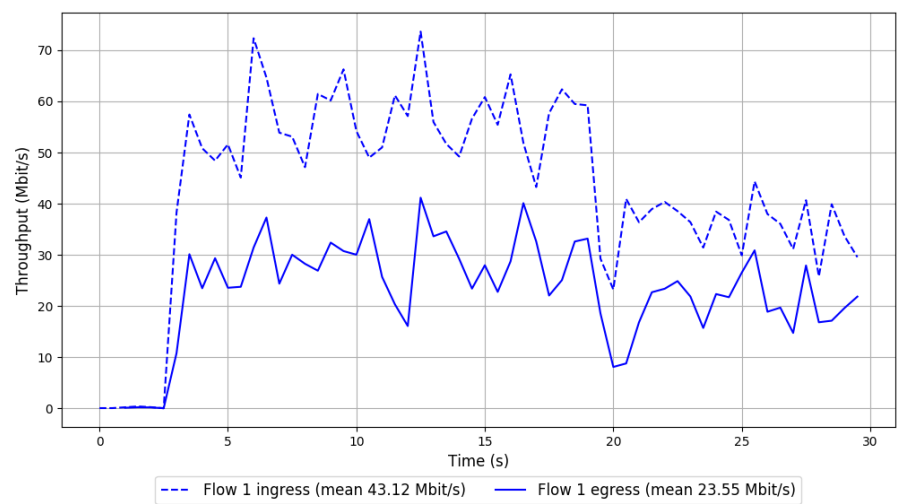
-- Flow 1:

Average throughput: 23.55 Mbit/s

95th percentile per-packet one-way delay: 105.558 ms

Loss rate: 47.52%

Run 4: Report of Verus — Data Link



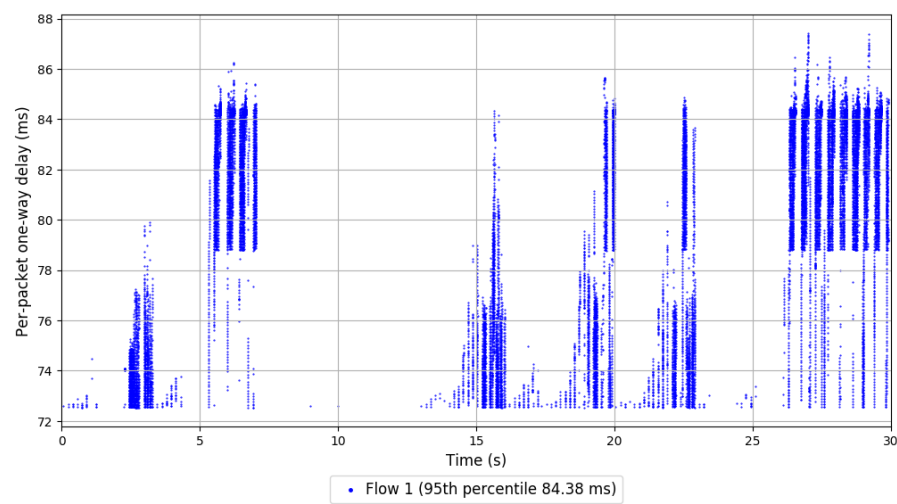
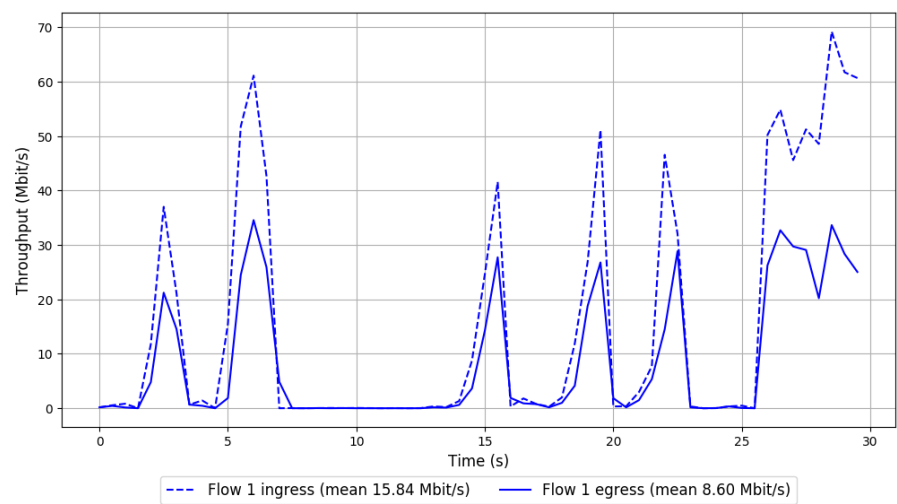
Run 5: Statistics of Verus

Start at: 2018-01-09 01:26:36  
End at: 2018-01-09 01:27:06  
Local clock offset: -8.805 ms  
Remote clock offset: 10.301 ms

# Below is generated by plot.py at 2018-01-09 23:05:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 8.60 Mbit/s  
95th percentile per-packet one-way delay: 84.382 ms  
Loss rate: 46.01%  
-- Flow 1:  
Average throughput: 8.60 Mbit/s  
95th percentile per-packet one-way delay: 84.382 ms  
Loss rate: 46.01%



Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-01-09 02:54:02

End at: 2018-01-09 02:54:32

Local clock offset: -2.069 ms

Remote clock offset: -3.33 ms

# Below is generated by plot.py at 2018-01-09 23:05:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.81 Mbit/s

95th percentile per-packet one-way delay: 94.815 ms

Loss rate: 49.30%

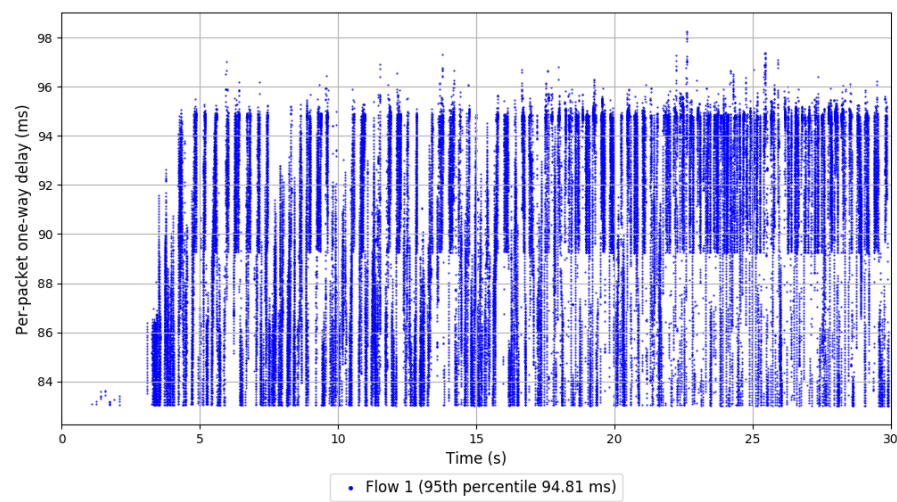
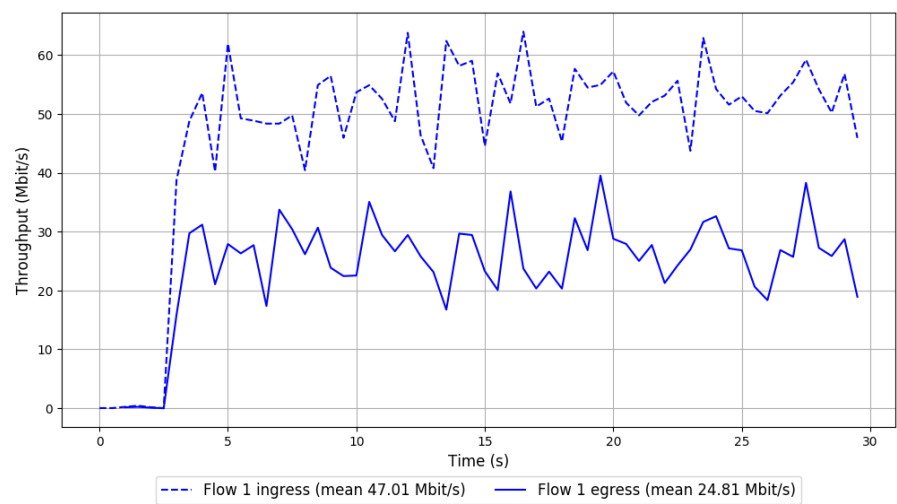
-- Flow 1:

Average throughput: 24.81 Mbit/s

95th percentile per-packet one-way delay: 94.815 ms

Loss rate: 49.30%

Run 6: Report of Verus — Data Link

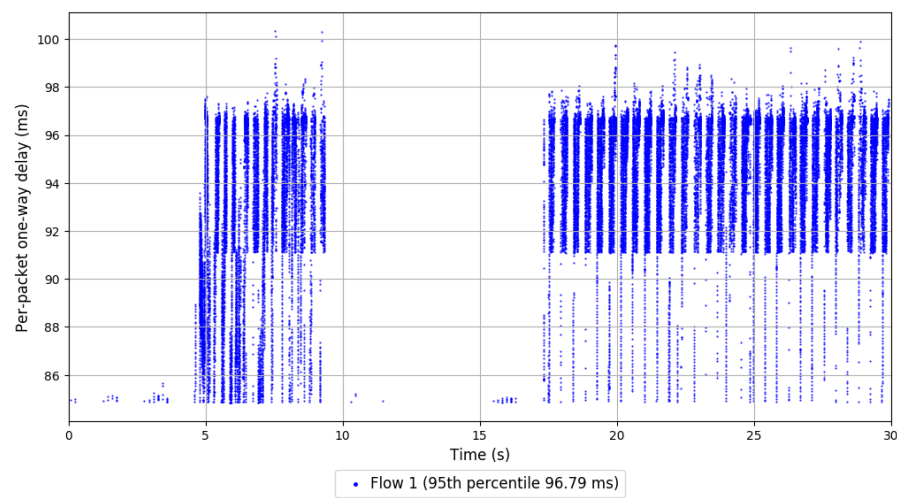
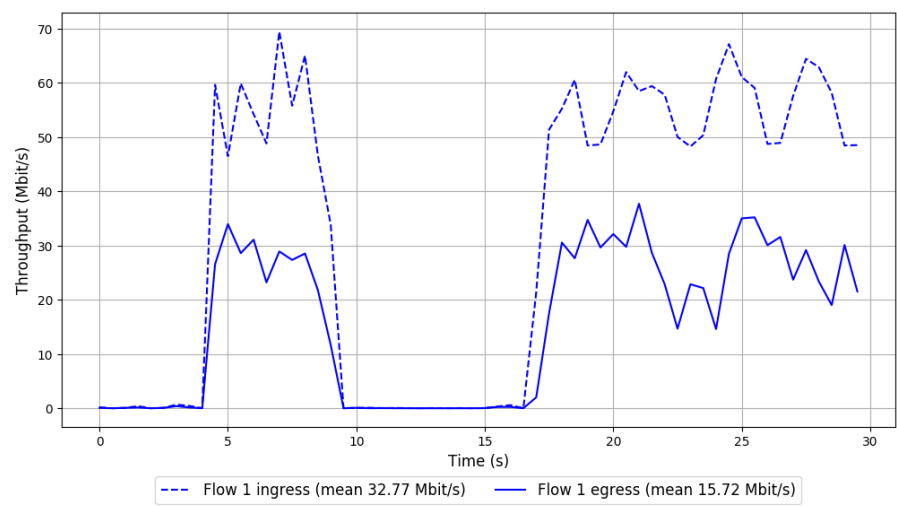


Run 7: Statistics of Verus

Start at: 2018-01-09 04:12:04  
End at: 2018-01-09 04:12:34  
Local clock offset: 1.479 ms  
Remote clock offset: -7.141 ms

# Below is generated by plot.py at 2018-01-09 23:05:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.72 Mbit/s  
95th percentile per-packet one-way delay: 96.790 ms  
Loss rate: 52.03%  
-- Flow 1:  
Average throughput: 15.72 Mbit/s  
95th percentile per-packet one-way delay: 96.790 ms  
Loss rate: 52.03%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-01-09 05:44:14

End at: 2018-01-09 05:44:44

Local clock offset: 2.671 ms

Remote clock offset: 0.045 ms

# Below is generated by plot.py at 2018-01-09 23:05:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.82 Mbit/s

95th percentile per-packet one-way delay: 92.840 ms

Loss rate: 44.18%

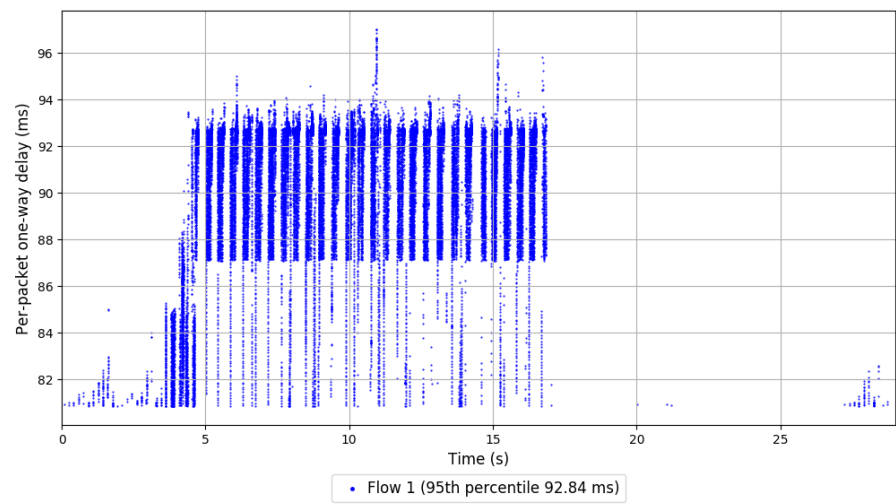
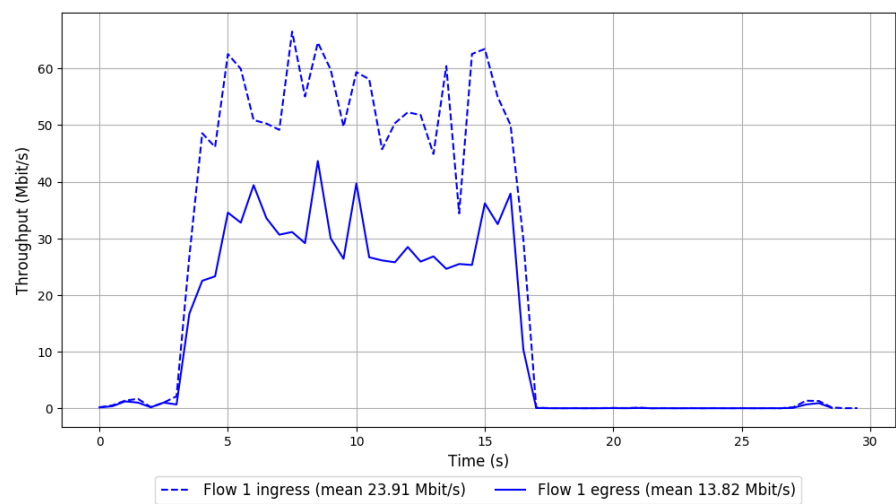
-- Flow 1:

Average throughput: 13.82 Mbit/s

95th percentile per-packet one-way delay: 92.840 ms

Loss rate: 44.18%

Run 8: Report of Verus — Data Link



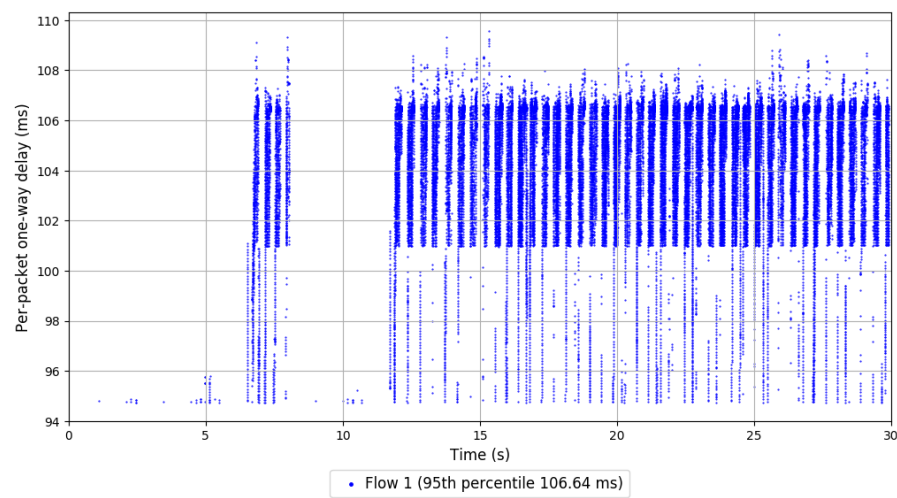
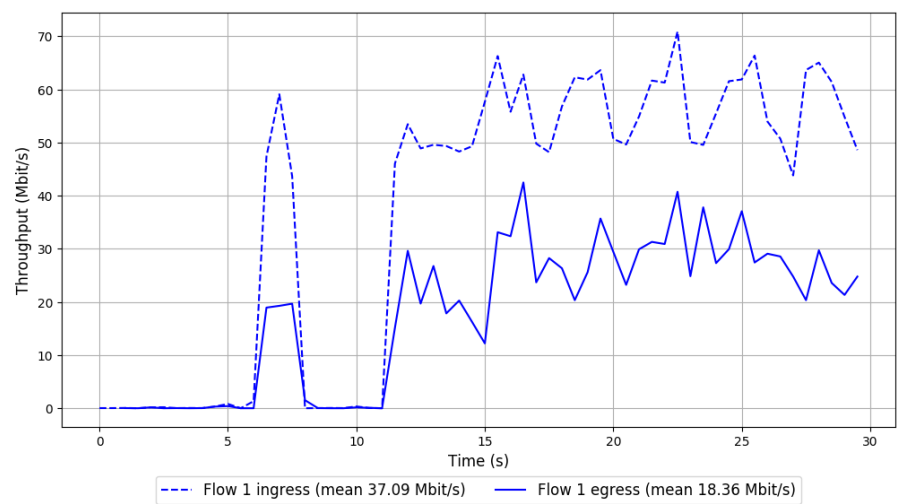
Run 9: Statistics of Verus

Start at: 2018-01-09 06:39:24  
End at: 2018-01-09 06:39:54  
Local clock offset: 0.58 ms  
Remote clock offset: -12.986 ms

# Below is generated by plot.py at 2018-01-09 23:05:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 18.36 Mbit/s  
95th percentile per-packet one-way delay: 106.640 ms  
Loss rate: 52.32%  
-- Flow 1:  
Average throughput: 18.36 Mbit/s  
95th percentile per-packet one-way delay: 106.640 ms  
Loss rate: 52.32%



Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-01-09 07:36:23

End at: 2018-01-09 07:36:53

Local clock offset: -0.334 ms

Remote clock offset: 9.661 ms

# Below is generated by plot.py at 2018-01-09 23:05:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.37 Mbit/s

95th percentile per-packet one-way delay: 83.704 ms

Loss rate: 44.13%

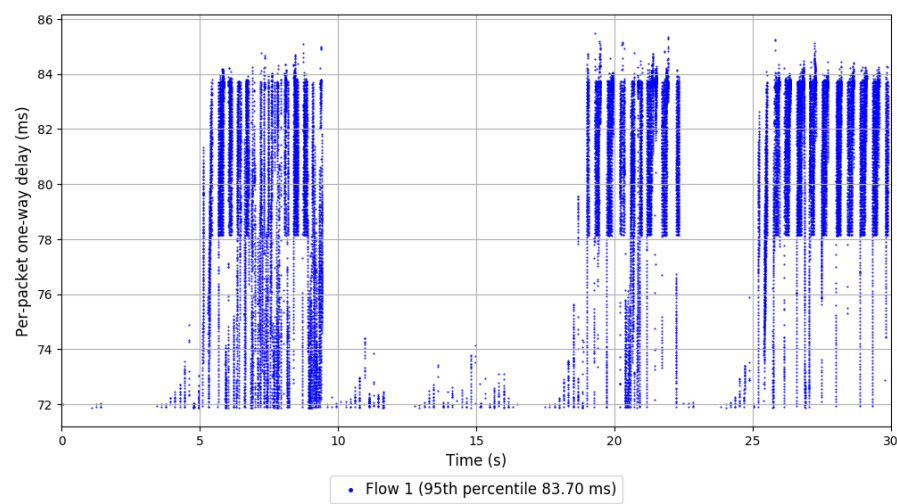
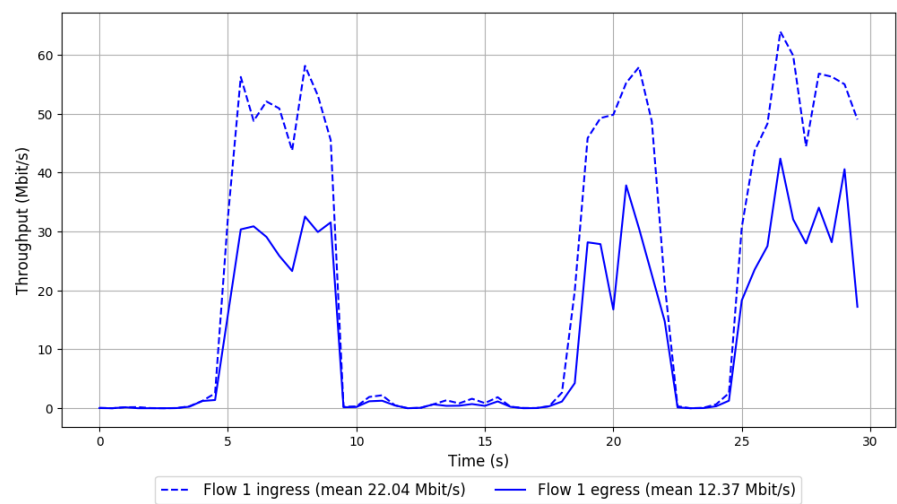
-- Flow 1:

Average throughput: 12.37 Mbit/s

95th percentile per-packet one-way delay: 83.704 ms

Loss rate: 44.13%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

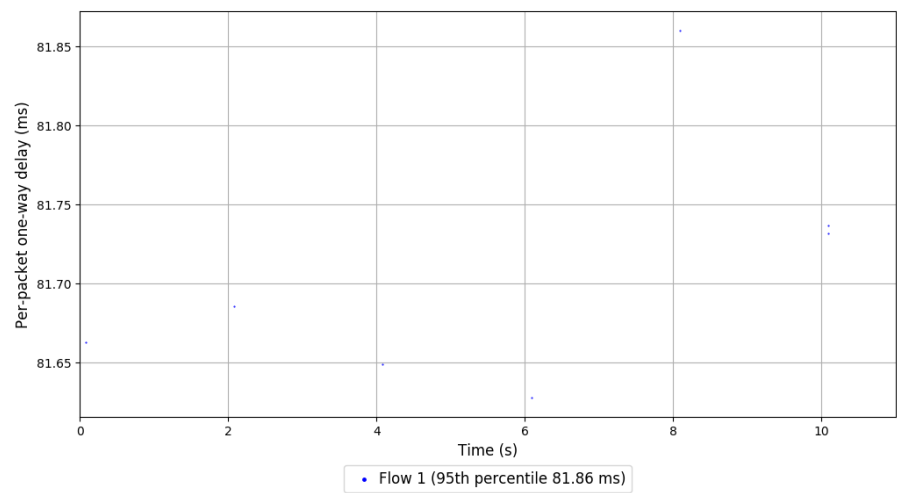
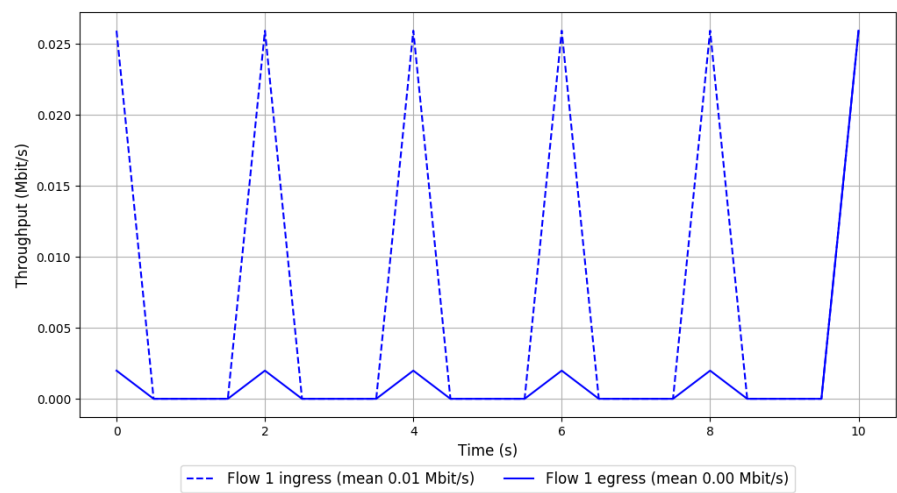
Start at: 2018-01-08 19:06:31

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

Local clock offset: 3.579 ms

Remote clock offset: 0.348 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

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

End at: 2018-01-08 20:30:38

Local clock offset: 4.691 ms

Remote clock offset: 0.662 ms

# Below is generated by plot.py at 2018-01-09 23:07:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.82 Mbit/s

95th percentile per-packet one-way delay: 82.856 ms

Loss rate: 42.59%

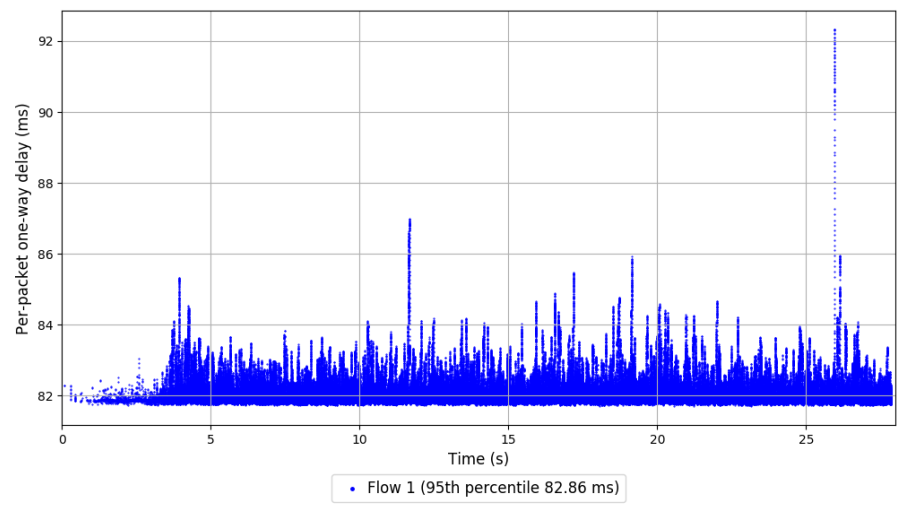
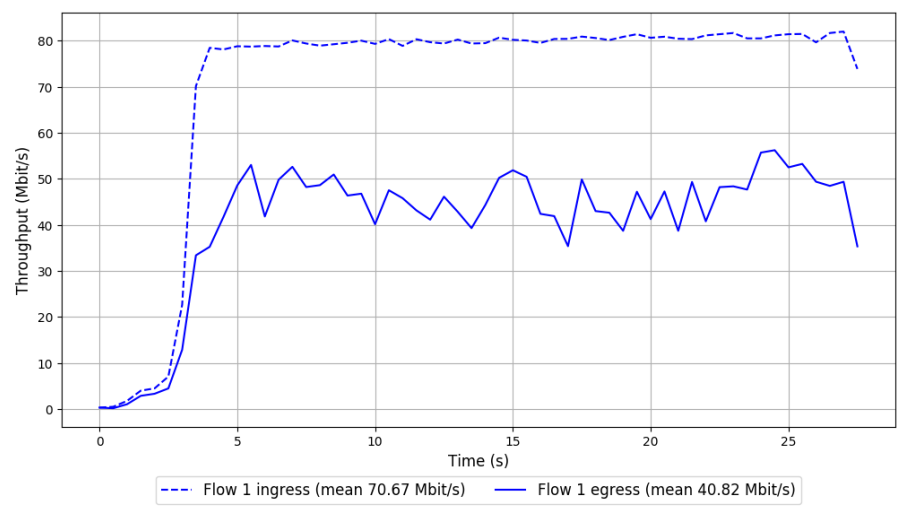
-- Flow 1:

Average throughput: 40.82 Mbit/s

95th percentile per-packet one-way delay: 82.856 ms

Loss rate: 42.59%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-01-08 22:14:28

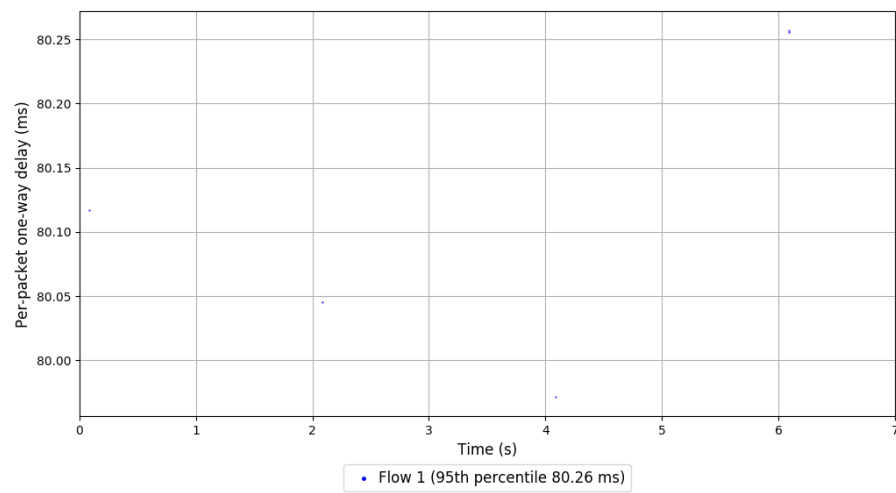
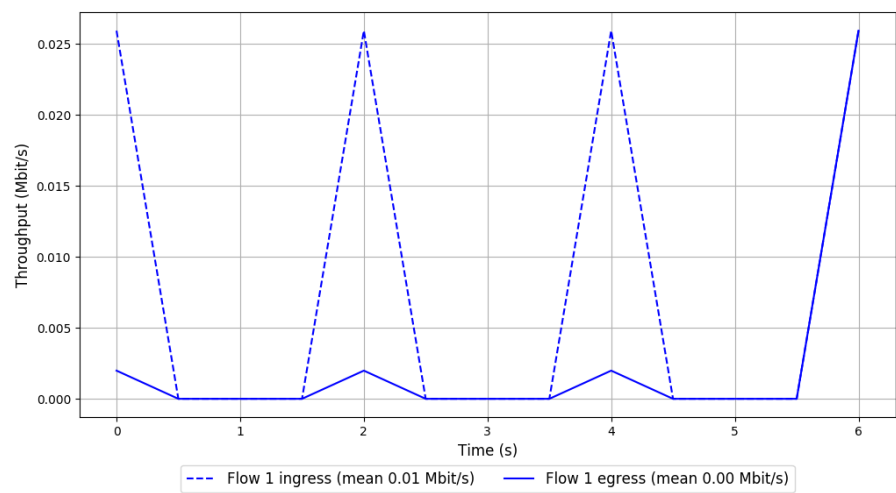
End at: 2018-01-08 22:14:59

Local clock offset: 2.376 ms

Remote clock offset: 2.363 ms



Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

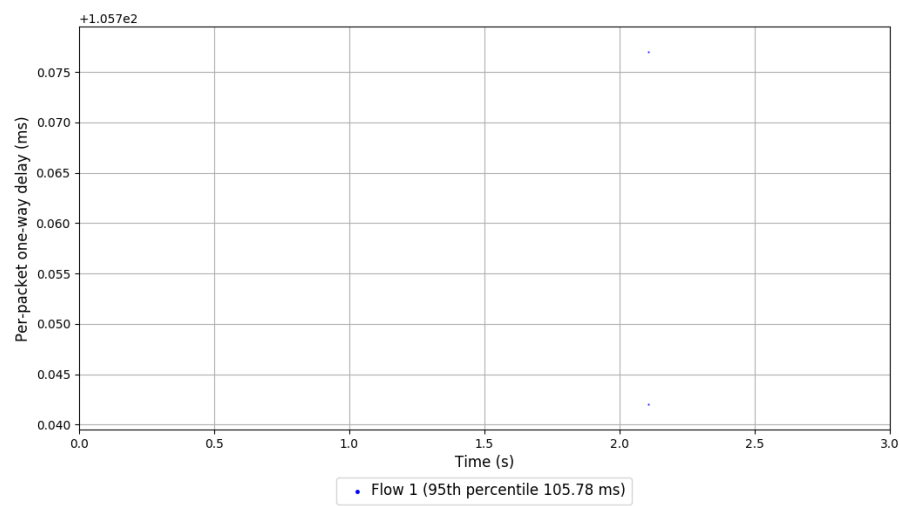
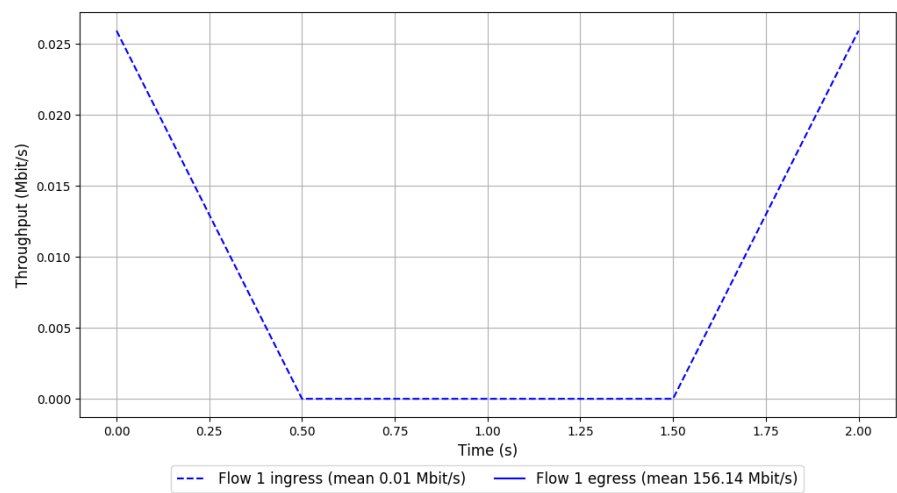
Start at: 2018-01-08 23:31:16

End at: 2018-01-08 23:31:46

Local clock offset: 5.173 ms

Remote clock offset: -17.32 ms

Run 4: Report of Copa — Data Link

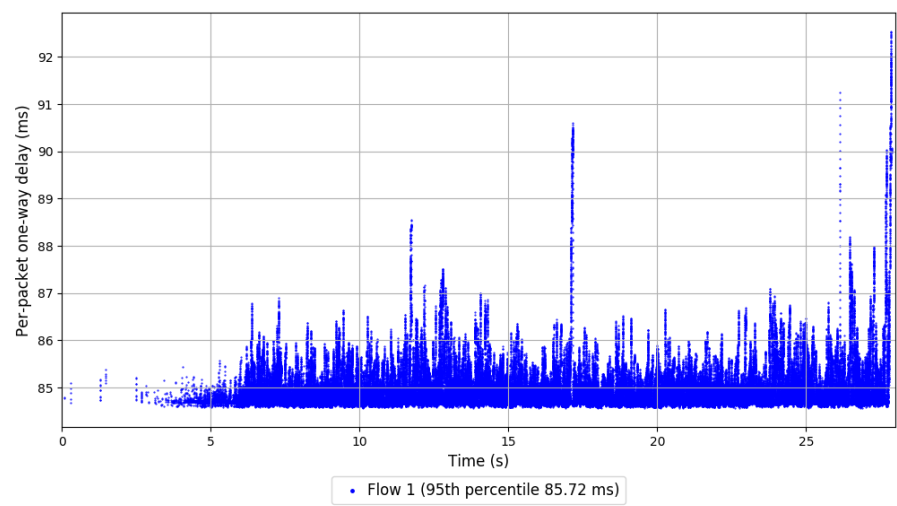
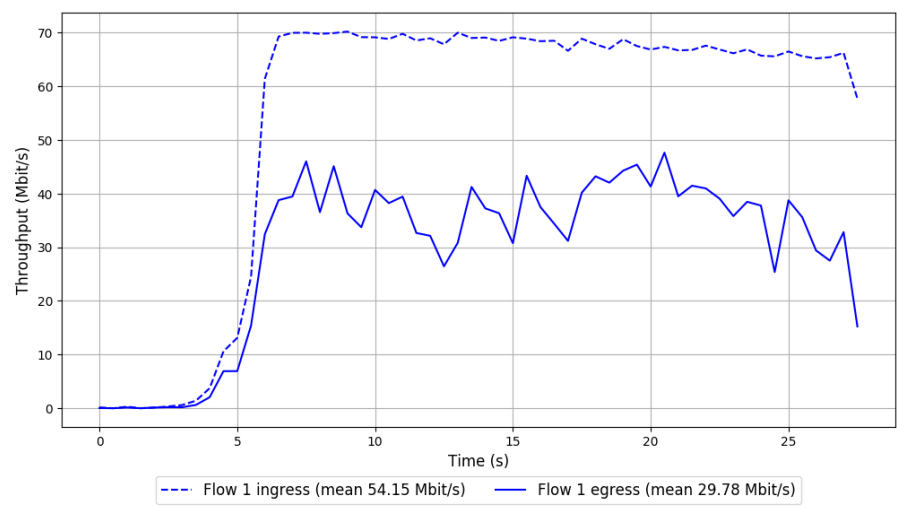


Run 5: Statistics of Copa

Start at: 2018-01-09 00:41:16  
End at: 2018-01-09 00:41:46  
Local clock offset: -5.283 ms  
Remote clock offset: 1.758 ms

# Below is generated by plot.py at 2018-01-09 23:07:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 29.78 Mbit/s  
95th percentile per-packet one-way delay: 85.718 ms  
Loss rate: 45.35%  
-- Flow 1:  
Average throughput: 29.78 Mbit/s  
95th percentile per-packet one-way delay: 85.718 ms  
Loss rate: 45.35%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-01-09 02:09:25

End at: 2018-01-09 02:09:56

Local clock offset: -5.348 ms

Remote clock offset: 5.62 ms

# Below is generated by plot.py at 2018-01-09 23:07:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 33.72 Mbit/s

95th percentile per-packet one-way delay: 74.677 ms

Loss rate: 40.37%

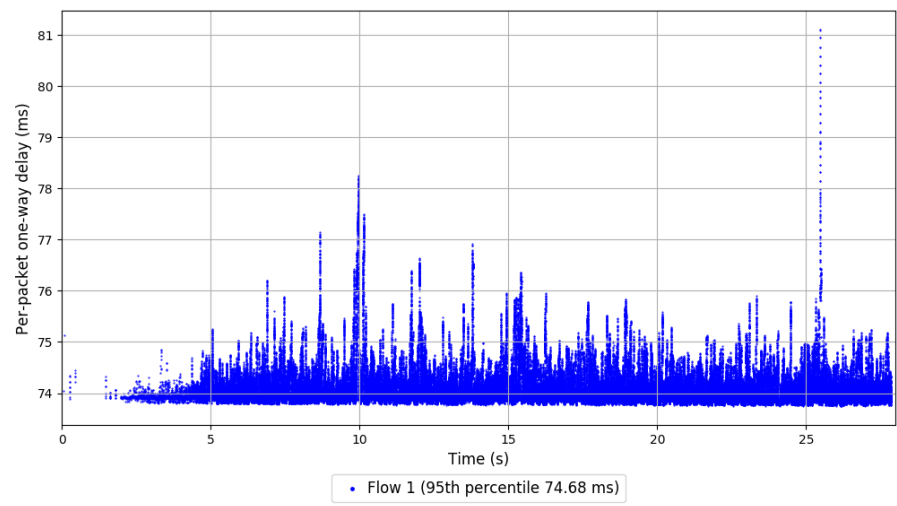
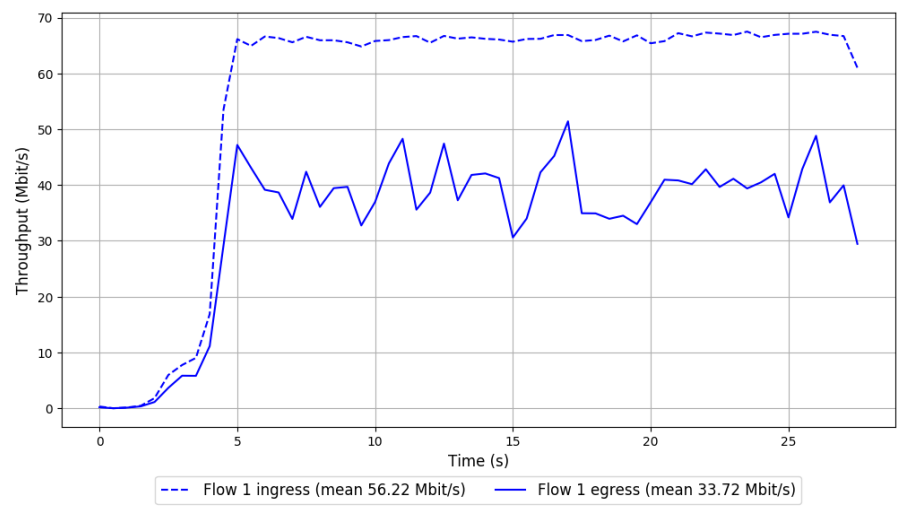
-- Flow 1:

Average throughput: 33.72 Mbit/s

95th percentile per-packet one-way delay: 74.677 ms

Loss rate: 40.37%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-01-09 03:27:47

End at: 2018-01-09 03:28:17

Local clock offset: -0.714 ms

Remote clock offset: -2.05 ms

# Below is generated by plot.py at 2018-01-09 23:07:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 37.78 Mbit/s

95th percentile per-packet one-way delay: 88.825 ms

Loss rate: 42.46%

-- Flow 1:

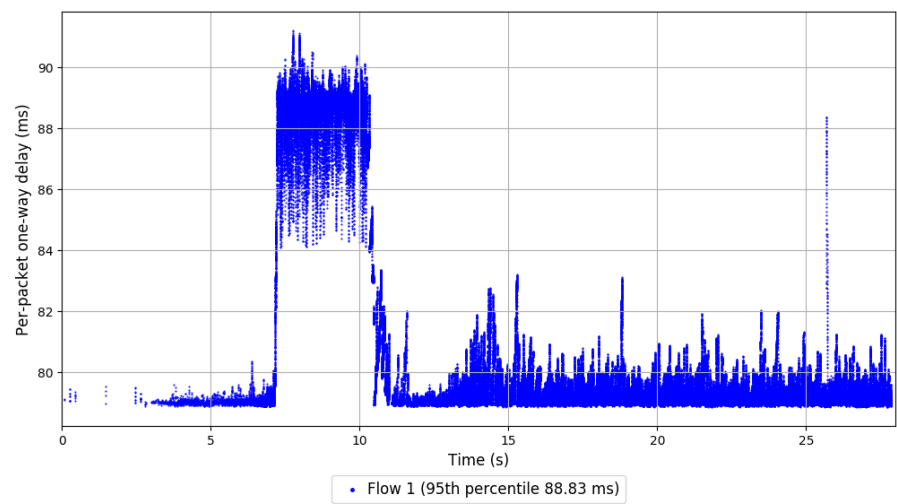
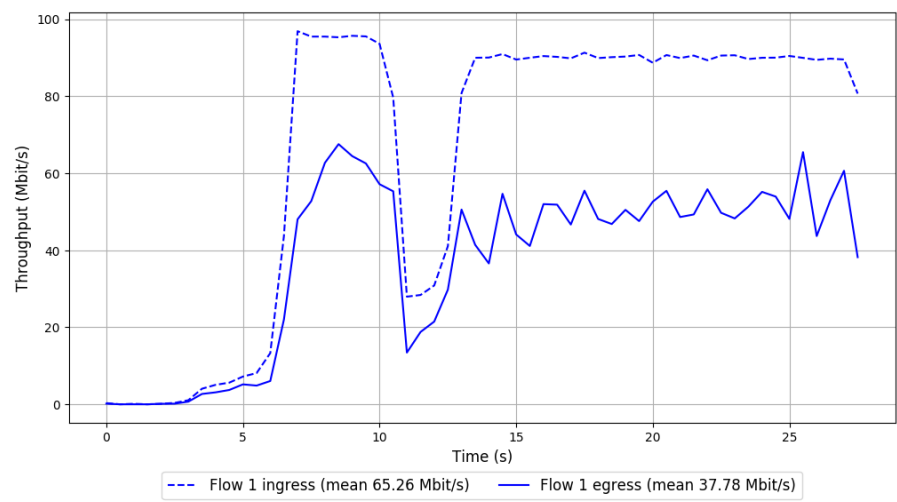
Average throughput: 37.78 Mbit/s

95th percentile per-packet one-way delay: 88.825 ms

Loss rate: 42.46%



Run 7: Report of Copa — Data Link

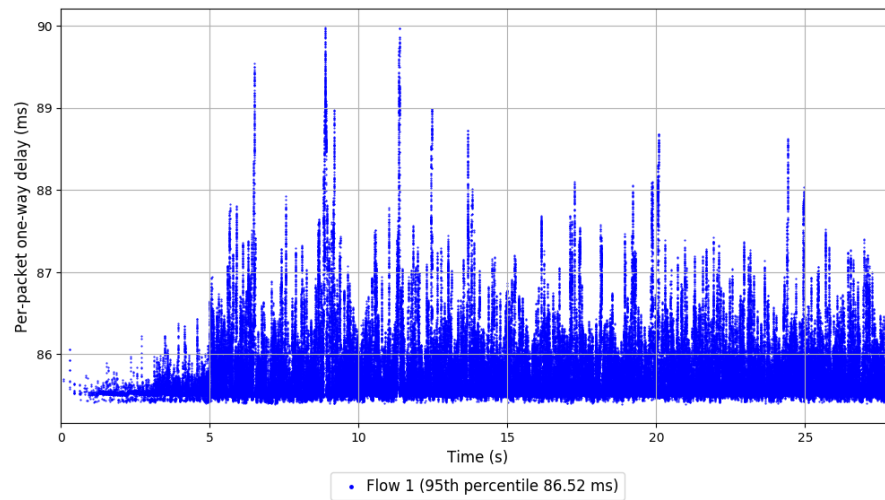
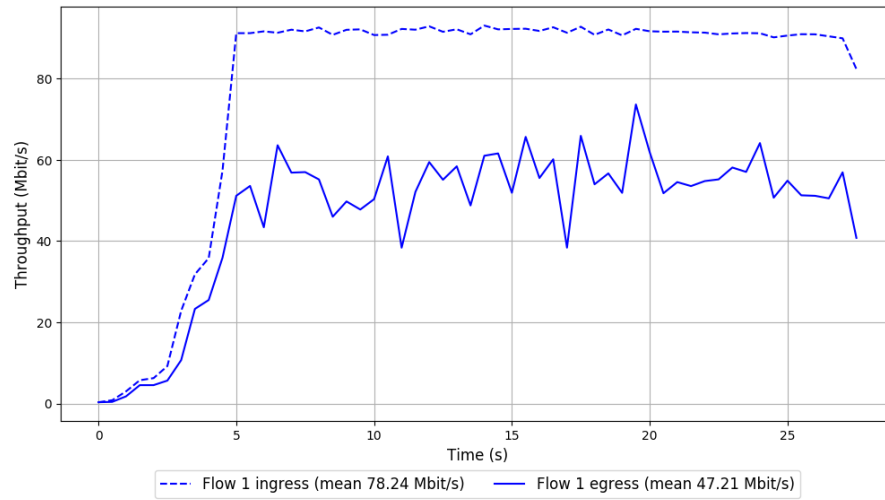


Run 8: Statistics of Copa

Start at: 2018-01-09 04:48:13  
End at: 2018-01-09 04:48:43  
Local clock offset: 2.582 ms  
Remote clock offset: -5.614 ms

# Below is generated by plot.py at 2018-01-09 23:08:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 47.21 Mbit/s  
95th percentile per-packet one-way delay: 86.522 ms  
Loss rate: 40.02%  
-- Flow 1:  
Average throughput: 47.21 Mbit/s  
95th percentile per-packet one-way delay: 86.522 ms  
Loss rate: 40.02%

# Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

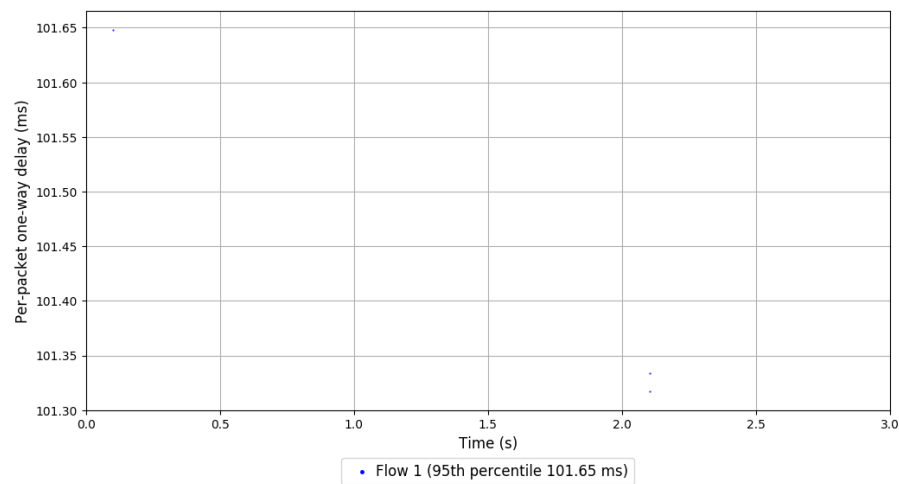
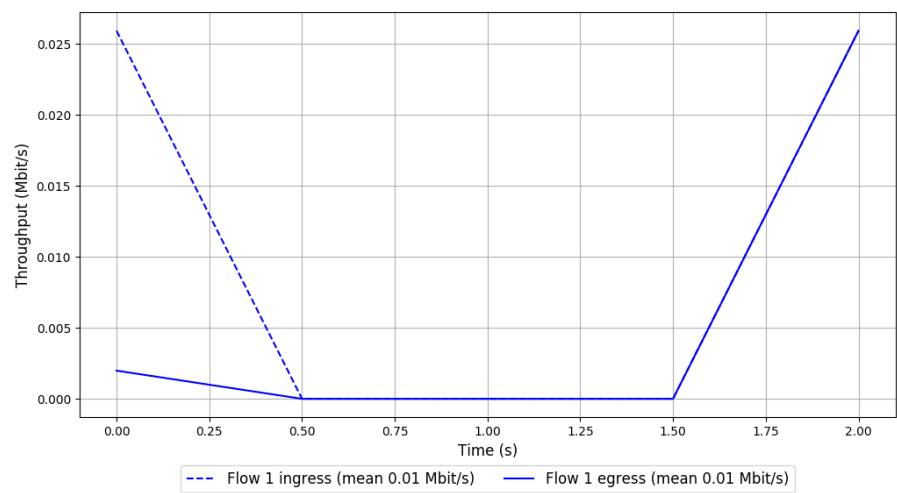
Start at: 2018-01-09 06:15:13

End at: 2018-01-09 06:15:43

Local clock offset: 1.603 ms

Remote clock offset: -18.155 ms

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

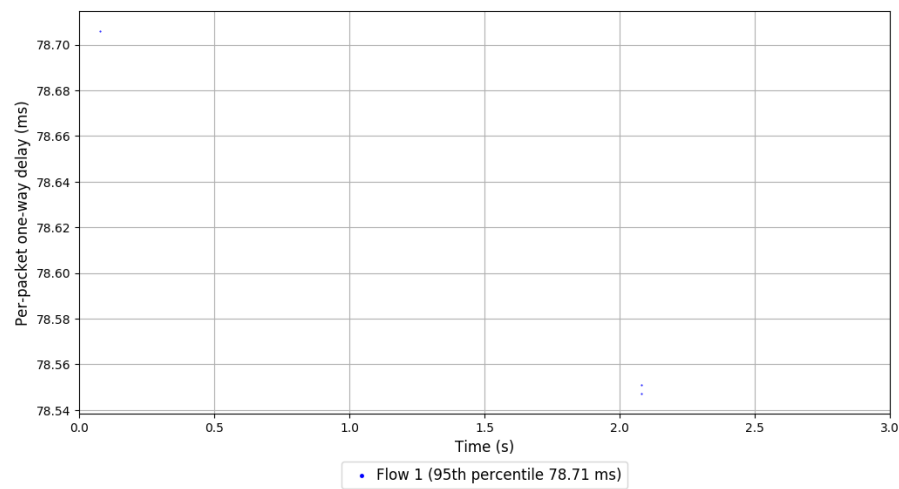
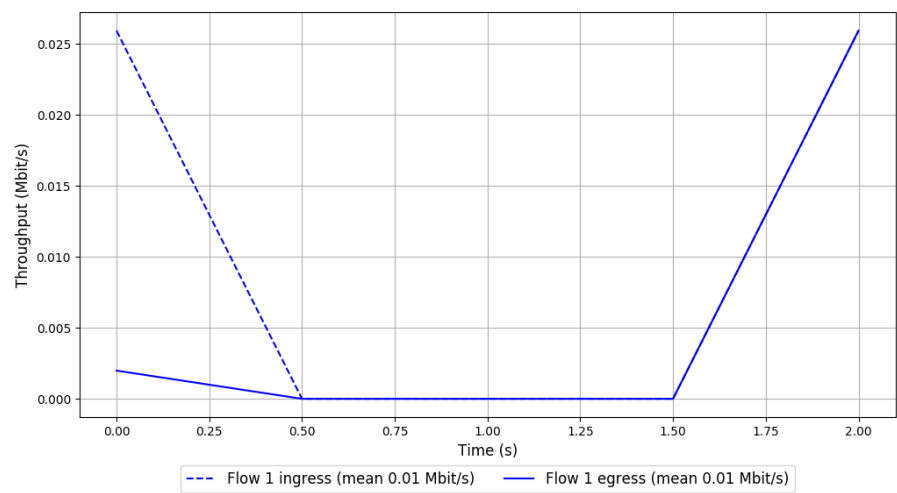
Start at: 2018-01-09 07:13:27

End at: 2018-01-09 07:13:57

Local clock offset: -0.11 ms

Remote clock offset: 1.86 ms

Run 10: Report of Copa — Data Link



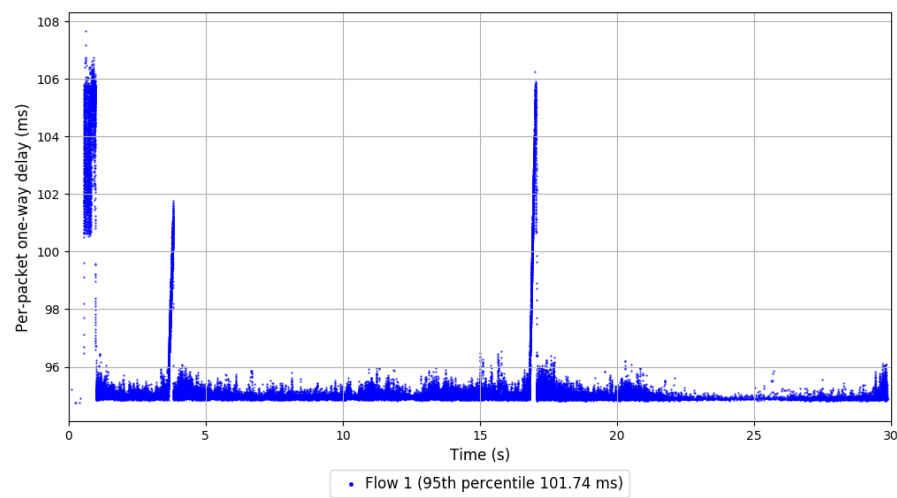
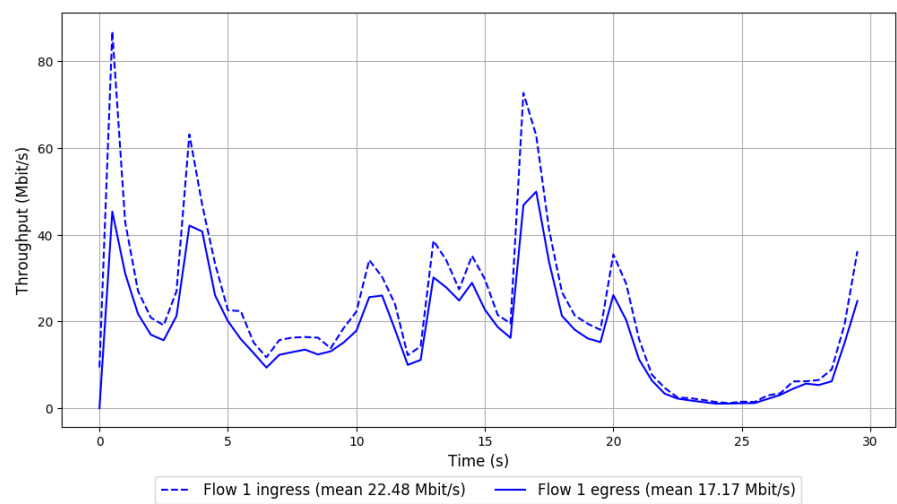
Run 1: Statistics of FillP

Start at: 2018-01-08 19:08:53  
End at: 2018-01-08 19:09:23  
Local clock offset: 3.788 ms  
Remote clock offset: -14.365 ms

# Below is generated by plot.py at 2018-01-09 23:08:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 17.17 Mbit/s  
95th percentile per-packet one-way delay: 101.741 ms  
Loss rate: 24.06%  
-- Flow 1:  
Average throughput: 17.17 Mbit/s  
95th percentile per-packet one-way delay: 101.741 ms  
Loss rate: 24.06%



Run 1: Report of FillP — Data Link

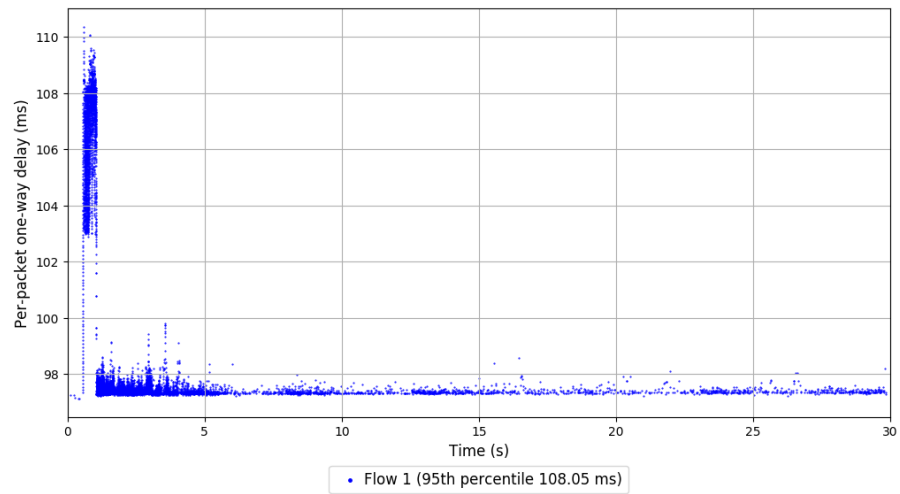
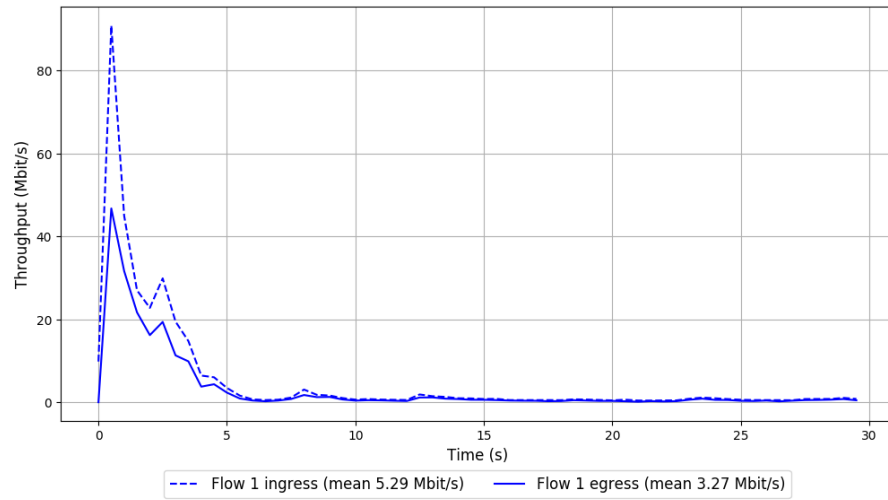


Run 2: Statistics of FillP

Start at: 2018-01-08 21:00:14  
End at: 2018-01-08 21:00:44  
Local clock offset: 2.389 ms  
Remote clock offset: -12.73 ms

# Below is generated by plot.py at 2018-01-09 23:08:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.27 Mbit/s  
95th percentile per-packet one-way delay: 108.052 ms  
Loss rate: 38.63%  
-- Flow 1:  
Average throughput: 3.27 Mbit/s  
95th percentile per-packet one-way delay: 108.052 ms  
Loss rate: 38.63%

## Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-01-08 22:16:53

End at: 2018-01-08 22:17:23

Local clock offset: 2.377 ms

Remote clock offset: 14.52 ms

# Below is generated by plot.py at 2018-01-09 23:08:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.07 Mbit/s

95th percentile per-packet one-way delay: 79.954 ms

Loss rate: 38.34%

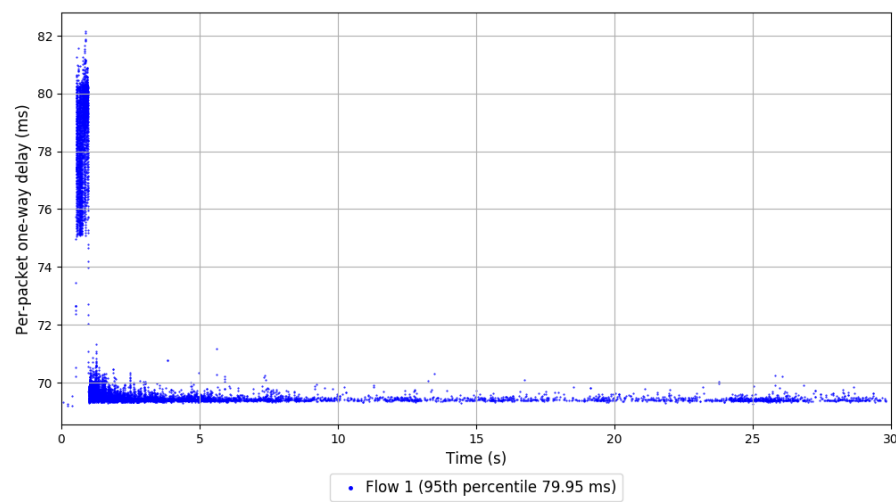
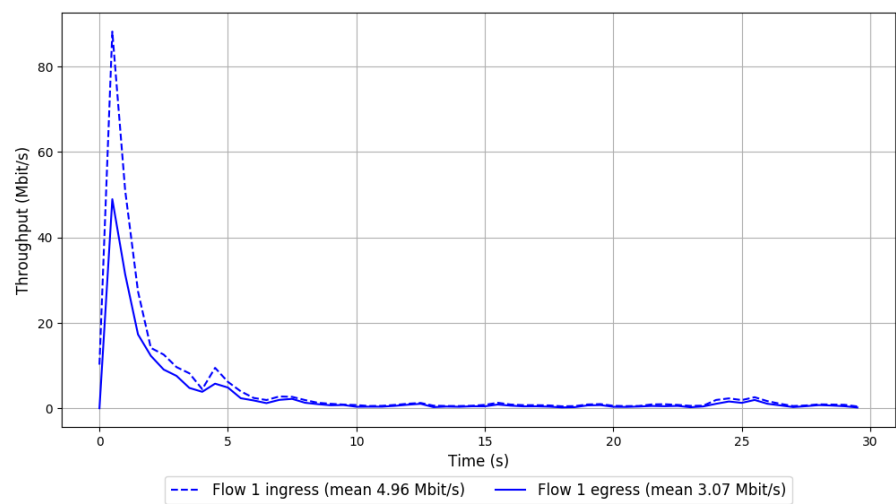
-- Flow 1:

Average throughput: 3.07 Mbit/s

95th percentile per-packet one-way delay: 79.954 ms

Loss rate: 38.34%

Run 3: Report of FillP — Data Link

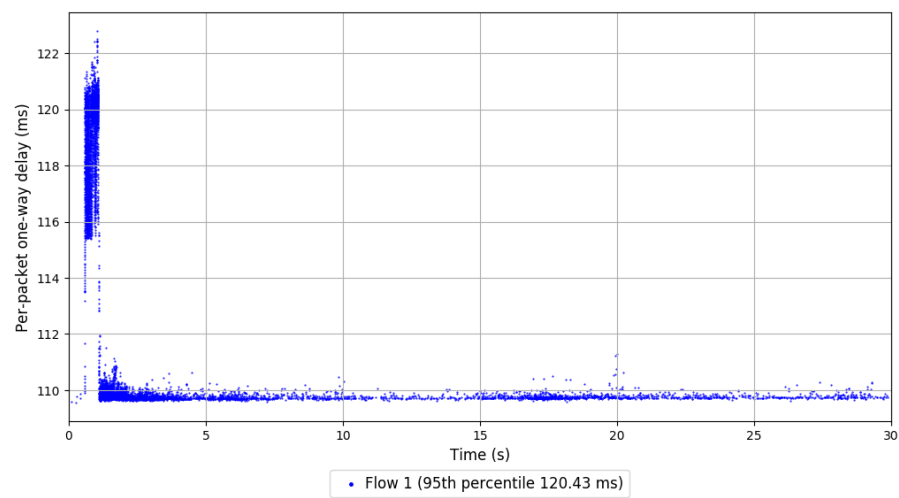
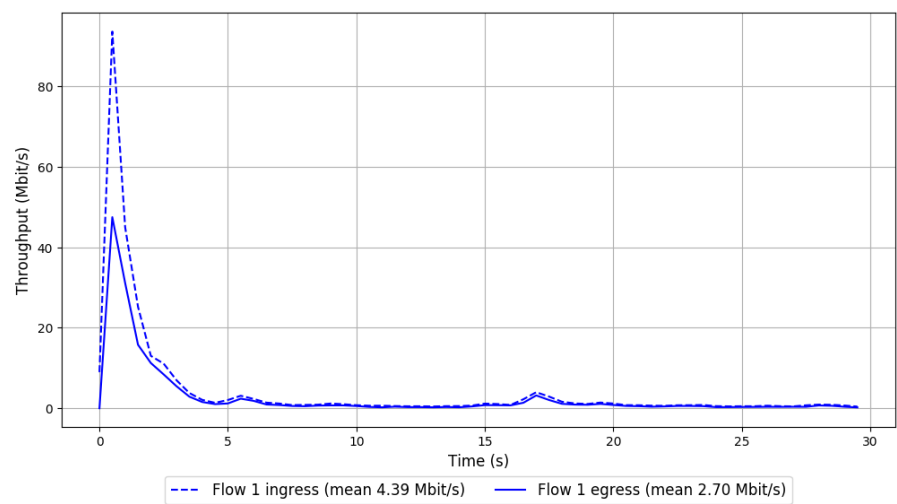


Run 4: Statistics of FillP

Start at: 2018-01-08 23:33:42  
End at: 2018-01-08 23:34:12  
Local clock offset: 15.125 ms  
Remote clock offset: -9.523 ms

# Below is generated by plot.py at 2018-01-09 23:08:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.70 Mbit/s  
95th percentile per-packet one-way delay: 120.430 ms  
Loss rate: 38.86%  
-- Flow 1:  
Average throughput: 2.70 Mbit/s  
95th percentile per-packet one-way delay: 120.430 ms  
Loss rate: 38.86%

Run 4: Report of FillP — Data Link



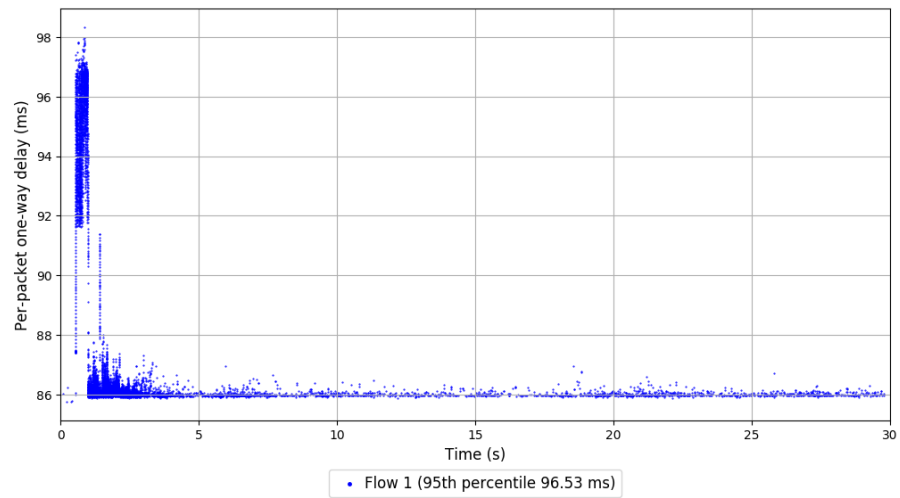
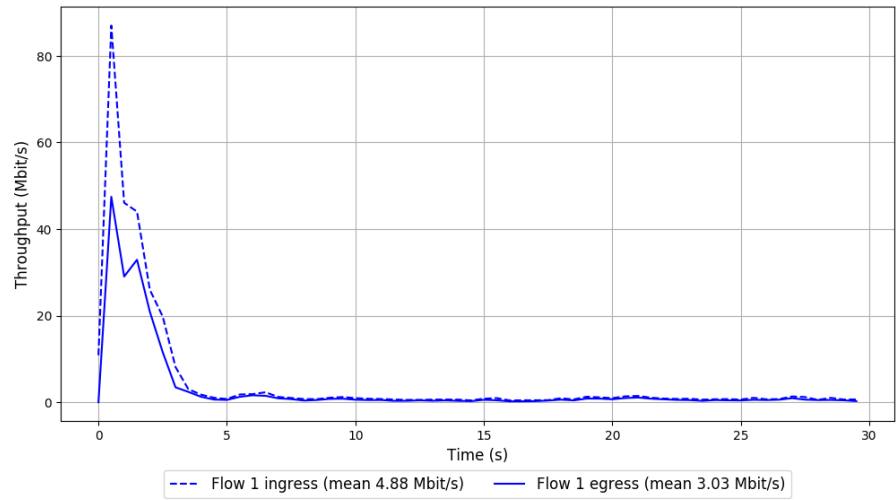
Run 5: Statistics of FillP

Start at: 2018-01-09 01:01:44  
End at: 2018-01-09 01:02:14  
Local clock offset: -9.818 ms  
Remote clock offset: -5.452 ms

# Below is generated by plot.py at 2018-01-09 23:08:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.03 Mbit/s  
95th percentile per-packet one-way delay: 96.525 ms  
Loss rate: 38.50%  
-- Flow 1:  
Average throughput: 3.03 Mbit/s  
95th percentile per-packet one-way delay: 96.525 ms  
Loss rate: 38.50%



## Run 5: Report of FillP — Data Link

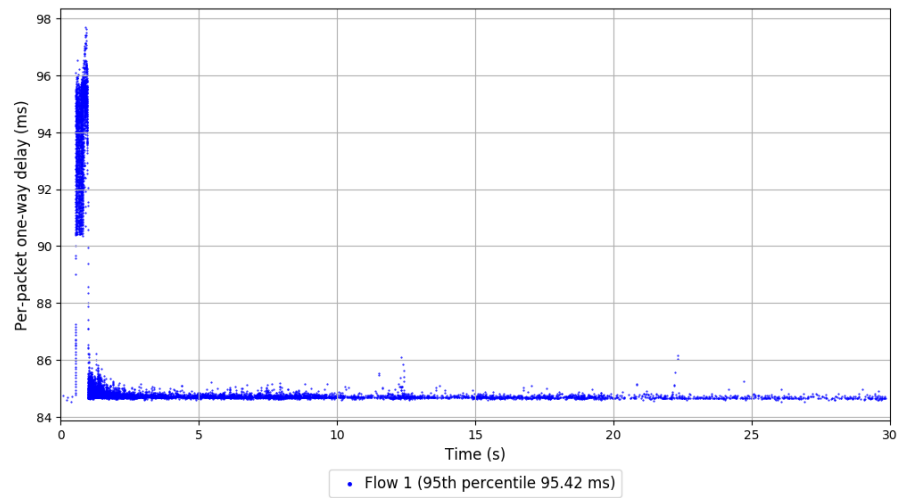
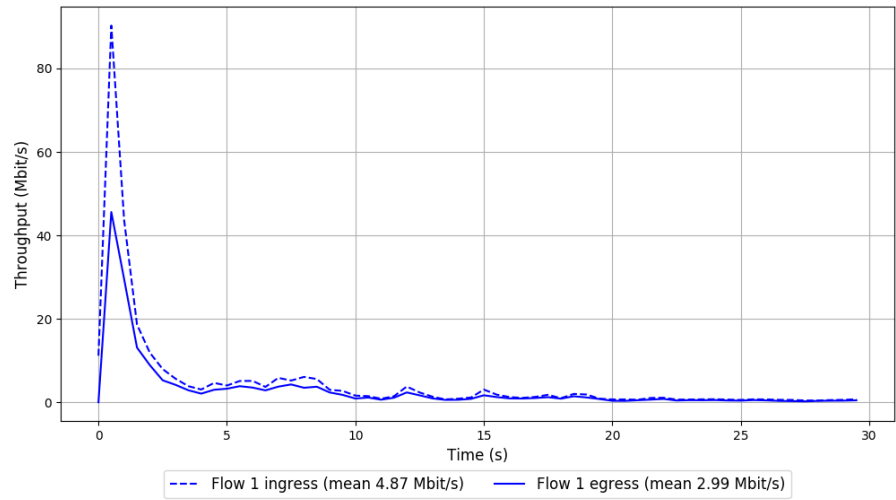


Run 6: Statistics of FillP

Start at: 2018-01-09 02:28:21  
End at: 2018-01-09 02:28:51  
Local clock offset: -3.477 ms  
Remote clock offset: -4.164 ms

# Below is generated by plot.py at 2018-01-09 23:08:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.99 Mbit/s  
95th percentile per-packet one-way delay: 95.417 ms  
Loss rate: 39.01%  
-- Flow 1:  
Average throughput: 2.99 Mbit/s  
95th percentile per-packet one-way delay: 95.417 ms  
Loss rate: 39.01%

## Run 6: Report of FillP — Data Link

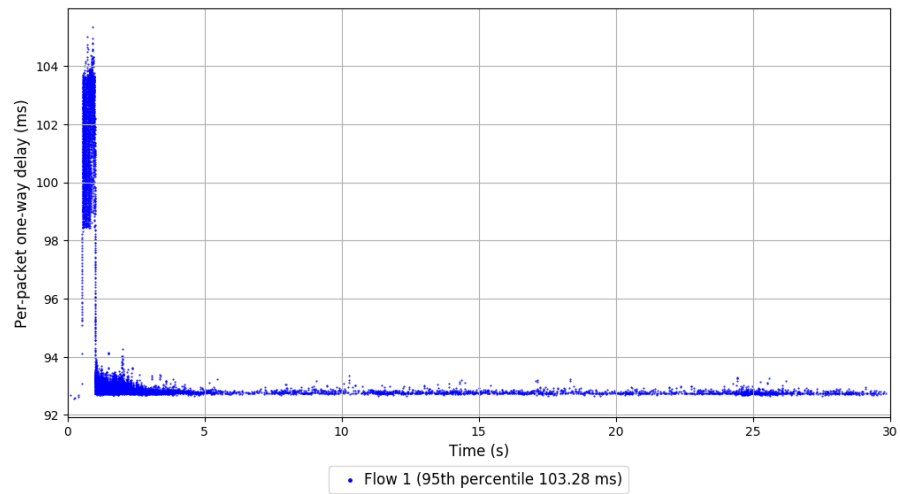
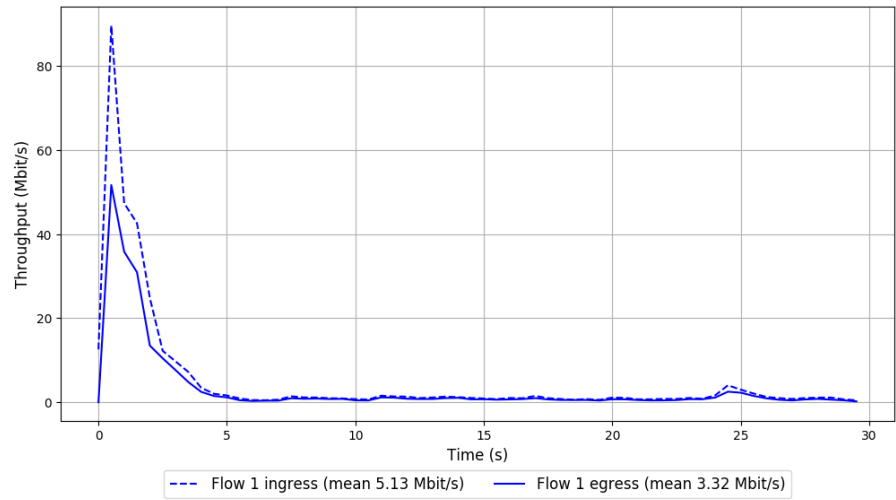


Run 7: Statistics of FillP

Start at: 2018-01-09 03:49:03  
End at: 2018-01-09 03:49:33  
Local clock offset: 0.243 ms  
Remote clock offset: -15.825 ms

# Below is generated by plot.py at 2018-01-09 23:08:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.32 Mbit/s  
95th percentile per-packet one-way delay: 103.282 ms  
Loss rate: 35.58%  
-- Flow 1:  
Average throughput: 3.32 Mbit/s  
95th percentile per-packet one-way delay: 103.282 ms  
Loss rate: 35.58%

## Run 7: Report of FillP — Data Link

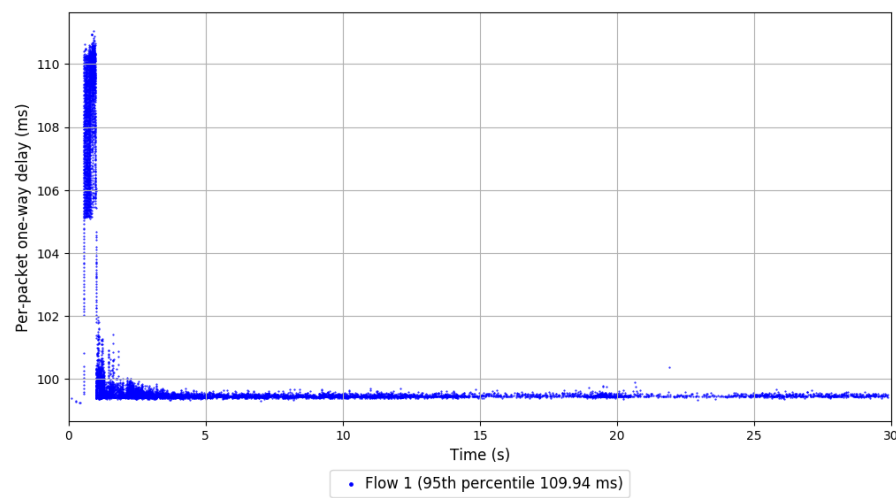
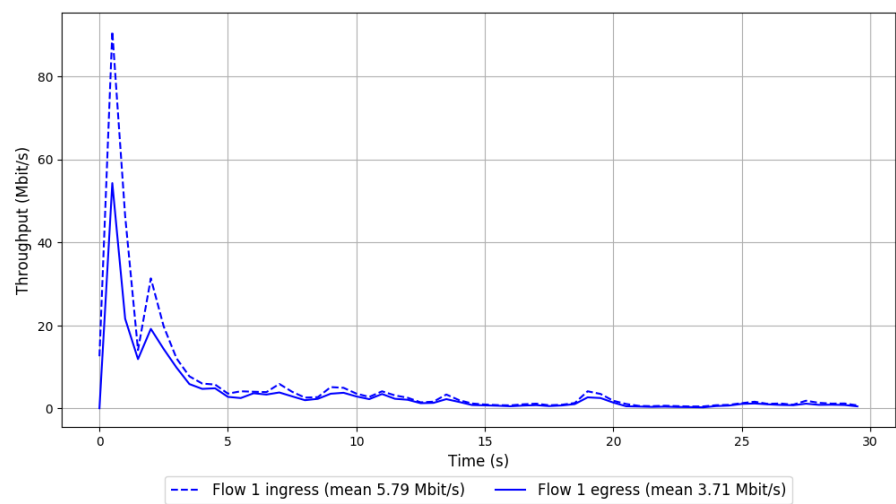


Run 8: Statistics of FillP

Start at: 2018-01-09 05:15:44  
End at: 2018-01-09 05:16:14  
Local clock offset: 2.785 ms  
Remote clock offset: -19.043 ms

# Below is generated by plot.py at 2018-01-09 23:08:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.71 Mbit/s  
95th percentile per-packet one-way delay: 109.938 ms  
Loss rate: 36.32%  
-- Flow 1:  
Average throughput: 3.71 Mbit/s  
95th percentile per-packet one-way delay: 109.938 ms  
Loss rate: 36.32%

Run 8: Report of FillP — Data Link



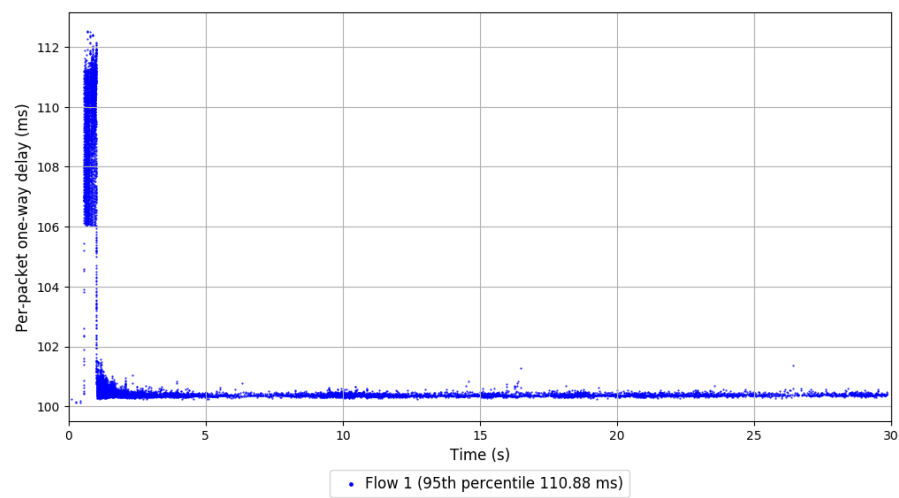
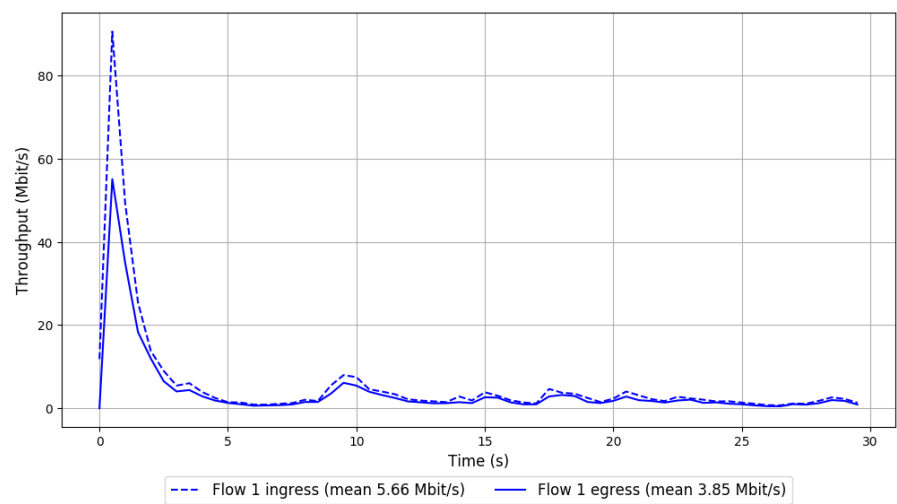
Run 9: Statistics of FillP

Start at: 2018-01-09 06:17:39  
End at: 2018-01-09 06:18:09  
Local clock offset: 1.455 ms  
Remote clock offset: -18.87 ms

# Below is generated by plot.py at 2018-01-09 23:08:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.85 Mbit/s  
95th percentile per-packet one-way delay: 110.877 ms  
Loss rate: 32.26%  
-- Flow 1:  
Average throughput: 3.85 Mbit/s  
95th percentile per-packet one-way delay: 110.877 ms  
Loss rate: 32.26%



Run 9: Report of FillP — Data Link

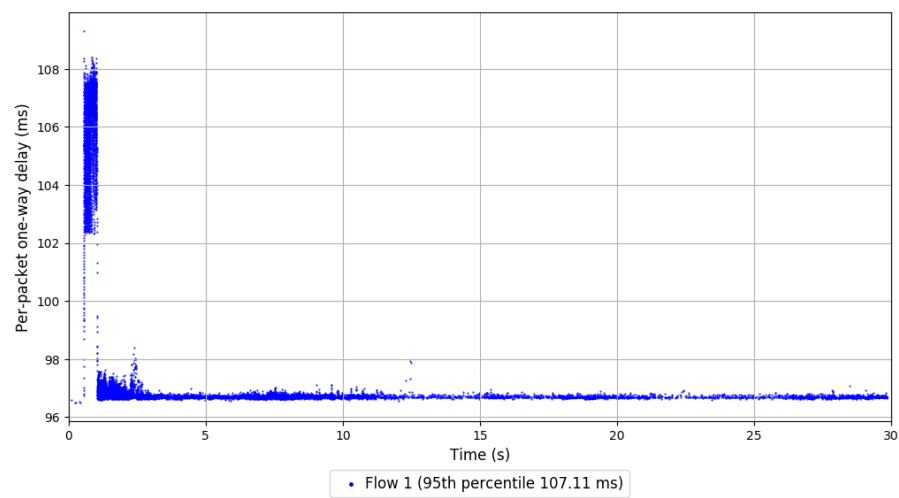
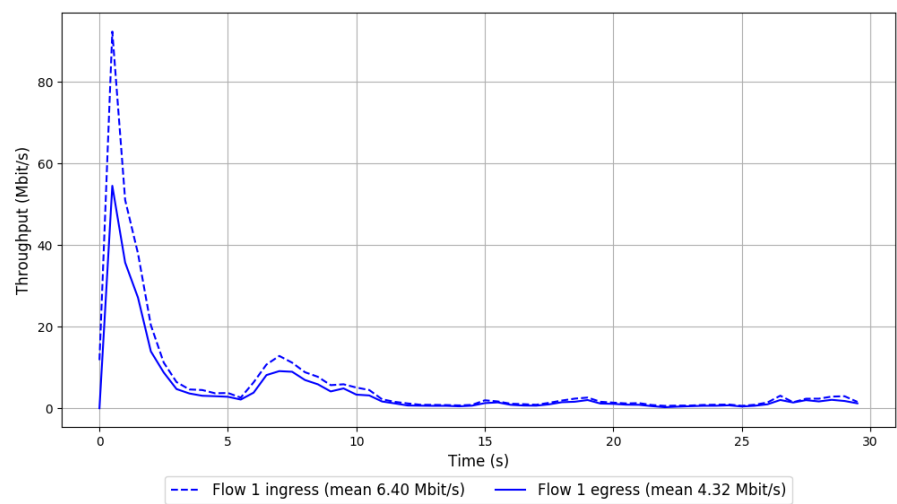


Run 10: Statistics of FillP

Start at: 2018-01-09 07:15:53  
End at: 2018-01-09 07:16:23  
Local clock offset: -0.125 ms  
Remote clock offset: -12.892 ms

# Below is generated by plot.py at 2018-01-09 23:08:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.32 Mbit/s  
95th percentile per-packet one-way delay: 107.114 ms  
Loss rate: 32.92%  
-- Flow 1:  
Average throughput: 4.32 Mbit/s  
95th percentile per-packet one-way delay: 107.114 ms  
Loss rate: 32.92%

Run 10: Report of FillP — Data Link

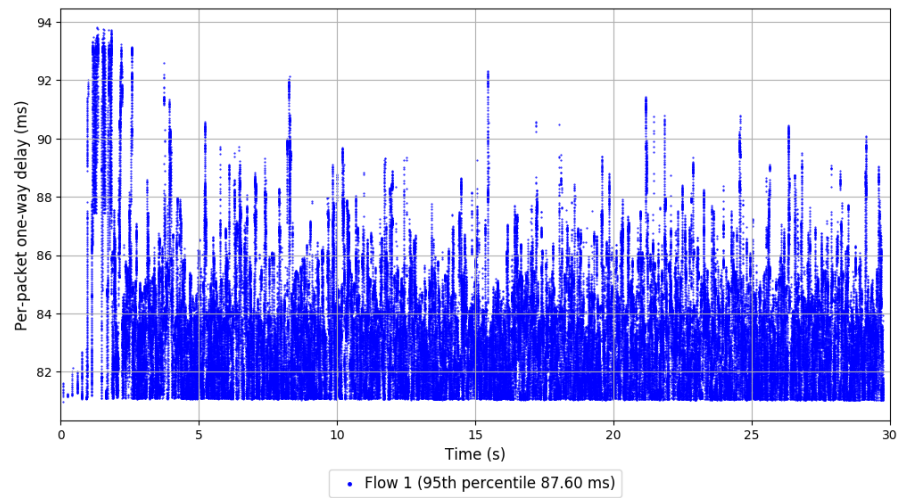
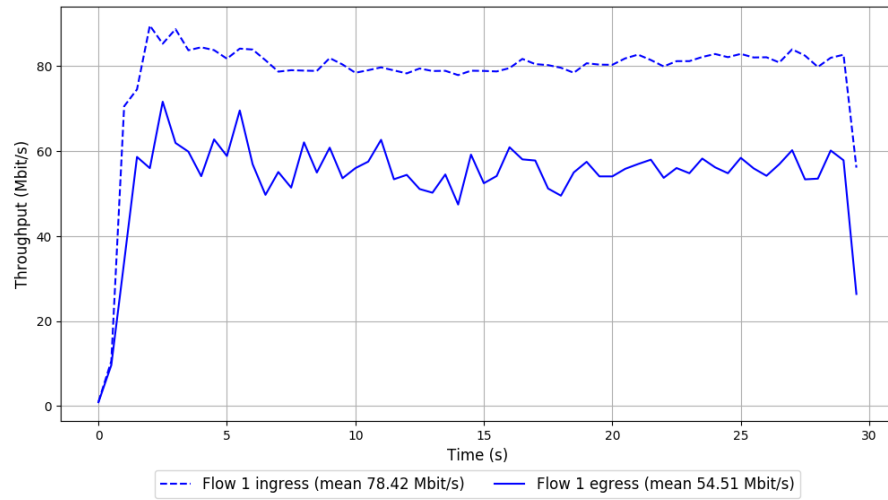


```
Run 1: Statistics of Indigo

Start at: 2018-01-08 19:13:50
End at: 2018-01-08 19:14:20
Local clock offset: 4.144 ms
Remote clock offset: -0.623 ms

# Below is generated by plot.py at 2018-01-09 23:08:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.51 Mbit/s
95th percentile per-packet one-way delay: 87.603 ms
Loss rate: 30.88%
-- Flow 1:
Average throughput: 54.51 Mbit/s
95th percentile per-packet one-way delay: 87.603 ms
Loss rate: 30.88%
```

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



Run 2: Statistics of Indigo

Start at: 2018-01-08 21:04:10

End at: 2018-01-08 21:04:40

Local clock offset: 2.12 ms

Remote clock offset: 1.18 ms

# Below is generated by plot.py at 2018-01-09 23:08:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 34.98 Mbit/s

95th percentile per-packet one-way delay: 88.166 ms

Loss rate: 47.27%

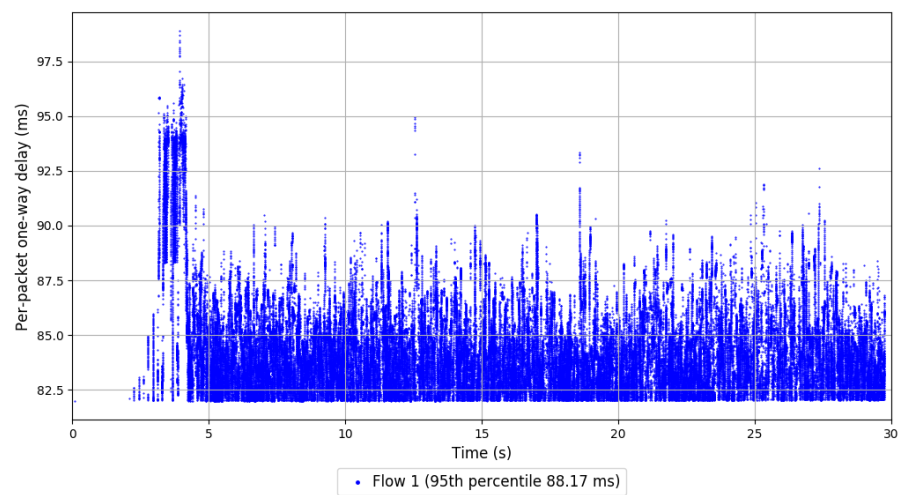
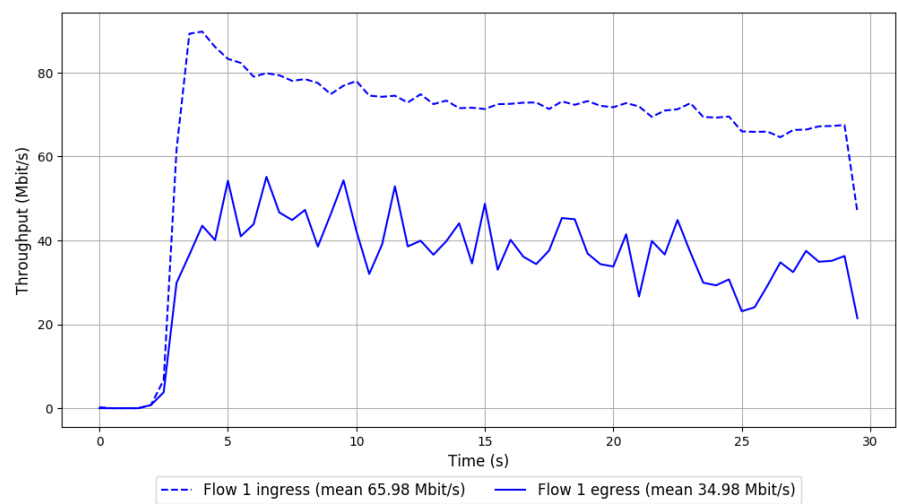
-- Flow 1:

Average throughput: 34.98 Mbit/s

95th percentile per-packet one-way delay: 88.166 ms

Loss rate: 47.27%

Run 2: Report of Indigo — Data Link



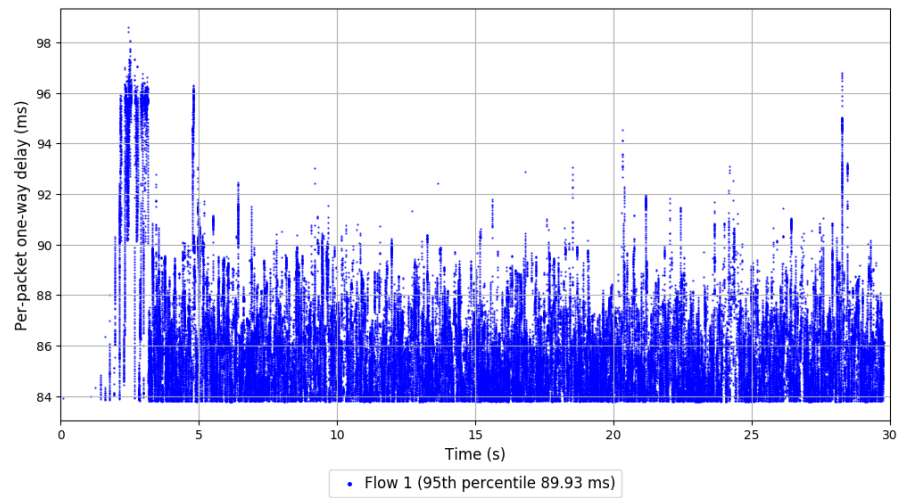
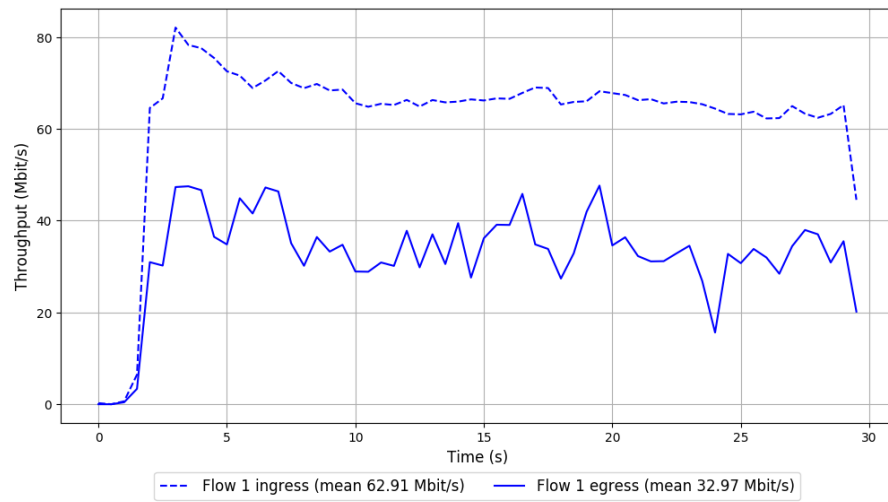
Run 3: Statistics of Indigo

Start at: 2018-01-08 22:20:48  
End at: 2018-01-08 22:21:18  
Local clock offset: 2.496 ms  
Remote clock offset: -3.281 ms

# Below is generated by plot.py at 2018-01-09 23:08:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 32.97 Mbit/s  
95th percentile per-packet one-way delay: 89.928 ms  
Loss rate: 47.89%  
-- Flow 1:  
Average throughput: 32.97 Mbit/s  
95th percentile per-packet one-way delay: 89.928 ms  
Loss rate: 47.89%



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

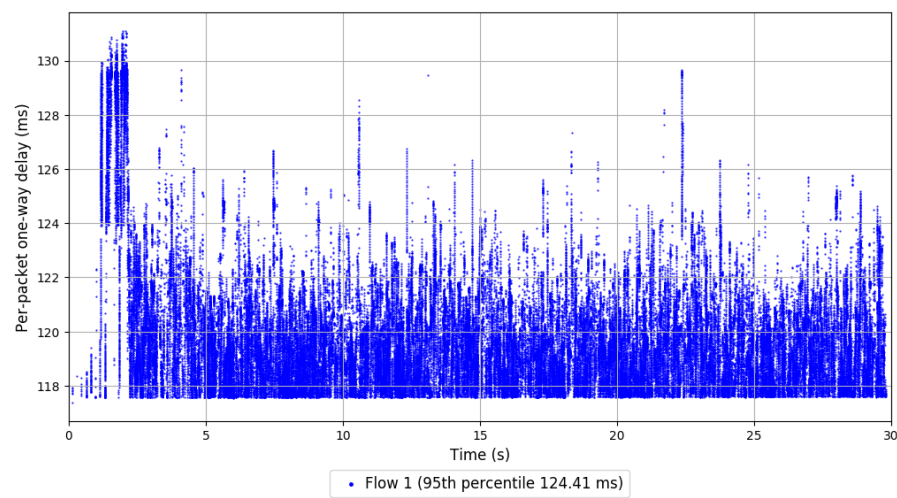
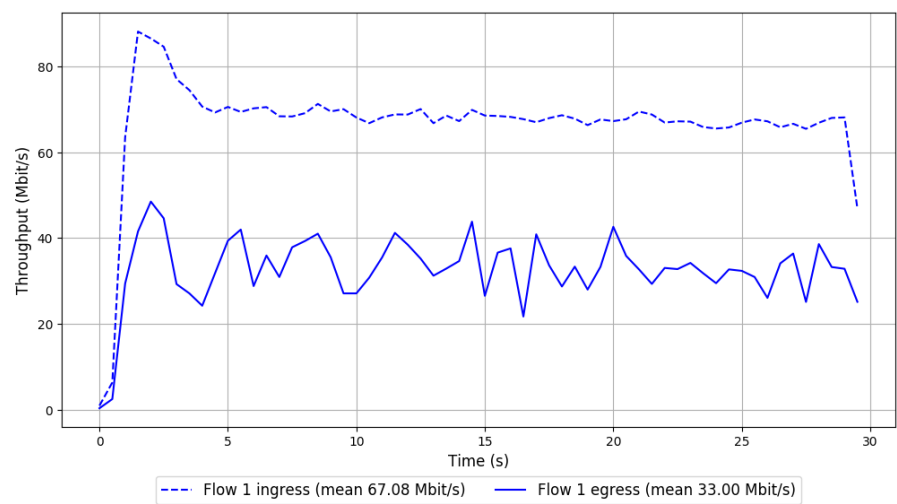


Run 4: Statistics of Indigo

Start at: 2018-01-08 23:37:17  
End at: 2018-01-08 23:37:47  
Local clock offset: 17.894 ms  
Remote clock offset: -16.372 ms

# Below is generated by plot.py at 2018-01-09 23:08:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 33.00 Mbit/s  
95th percentile per-packet one-way delay: 124.412 ms  
Loss rate: 51.08%  
-- Flow 1:  
Average throughput: 33.00 Mbit/s  
95th percentile per-packet one-way delay: 124.412 ms  
Loss rate: 51.08%

Run 4: Report of Indigo — Data Link

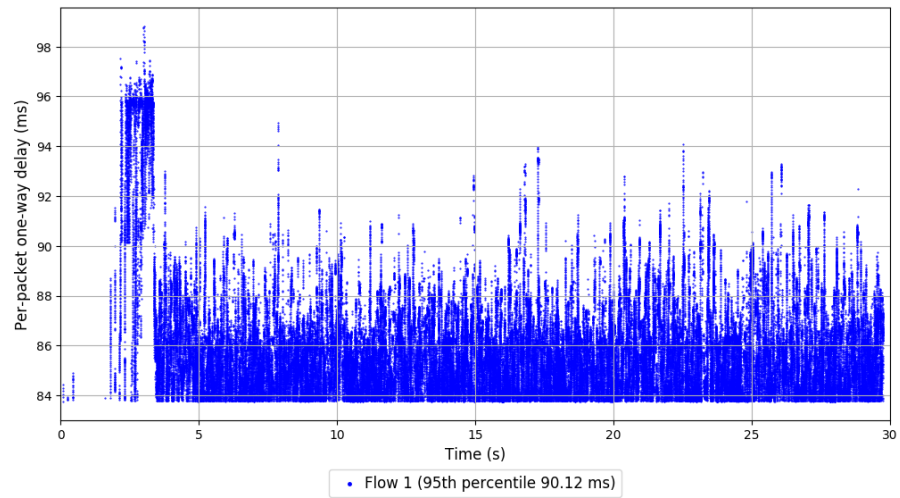
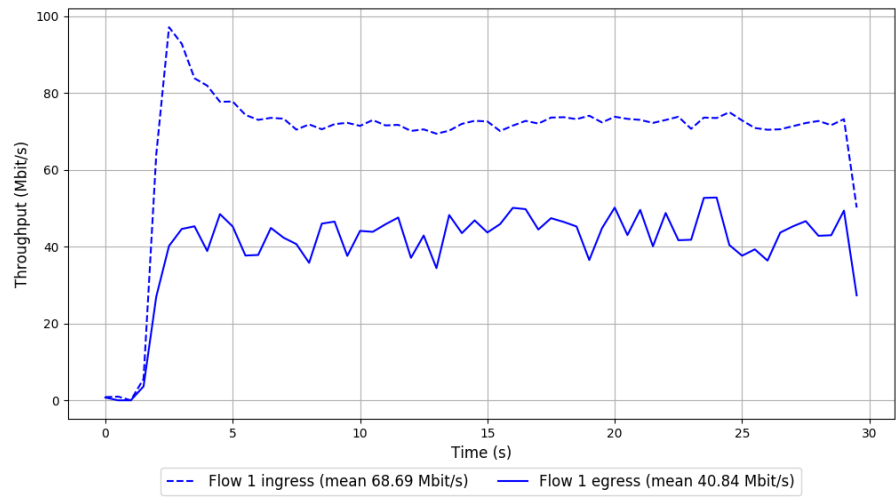


Run 5: Statistics of Indigo

Start at: 2018-01-09 01:05:17  
End at: 2018-01-09 01:05:47  
Local clock offset: -9.675 ms  
Remote clock offset: -3.325 ms

# Below is generated by plot.py at 2018-01-09 23:08:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 40.84 Mbit/s  
95th percentile per-packet one-way delay: 90.124 ms  
Loss rate: 40.87%  
-- Flow 1:  
Average throughput: 40.84 Mbit/s  
95th percentile per-packet one-way delay: 90.124 ms  
Loss rate: 40.87%

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

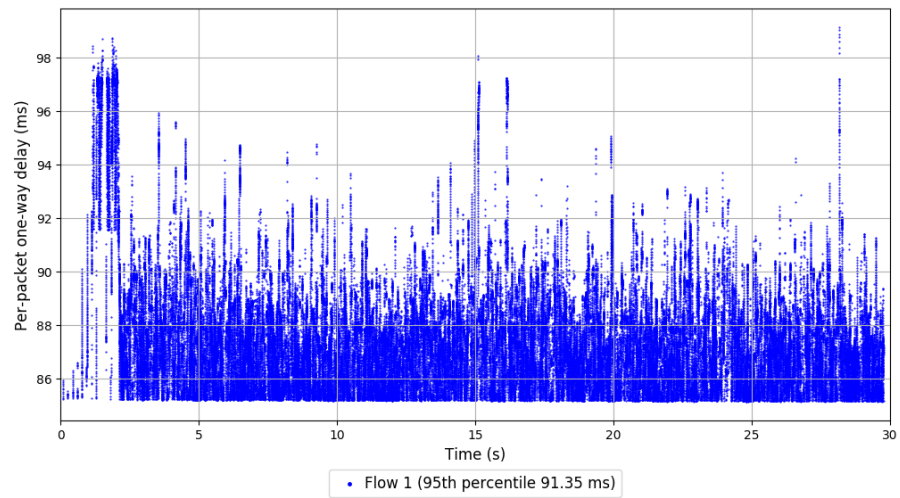
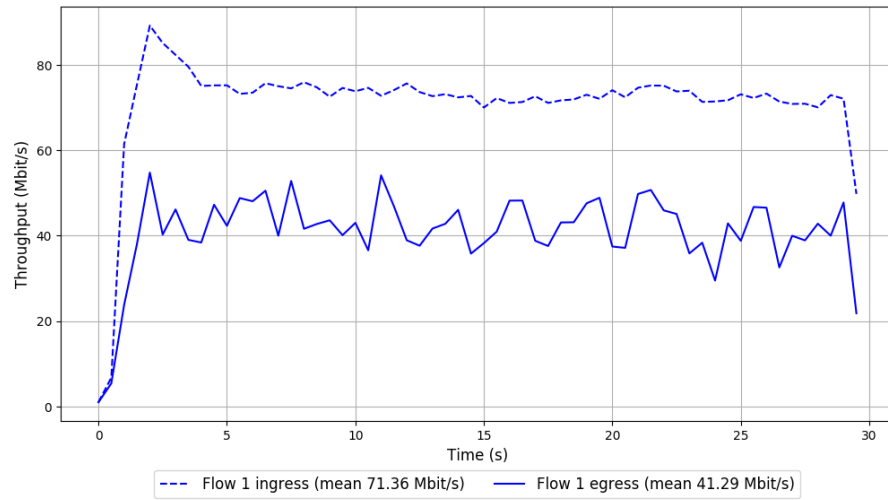


Run 6: Statistics of Indigo

Start at: 2018-01-09 02:31:55  
End at: 2018-01-09 02:32:25  
Local clock offset: -3.167 ms  
Remote clock offset: -4.226 ms

# Below is generated by plot.py at 2018-01-09 23:08:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 41.29 Mbit/s  
95th percentile per-packet one-way delay: 91.347 ms  
Loss rate: 42.46%  
-- Flow 1:  
Average throughput: 41.29 Mbit/s  
95th percentile per-packet one-way delay: 91.347 ms  
Loss rate: 42.46%

## Run 6: Report of Indigo — Data Link



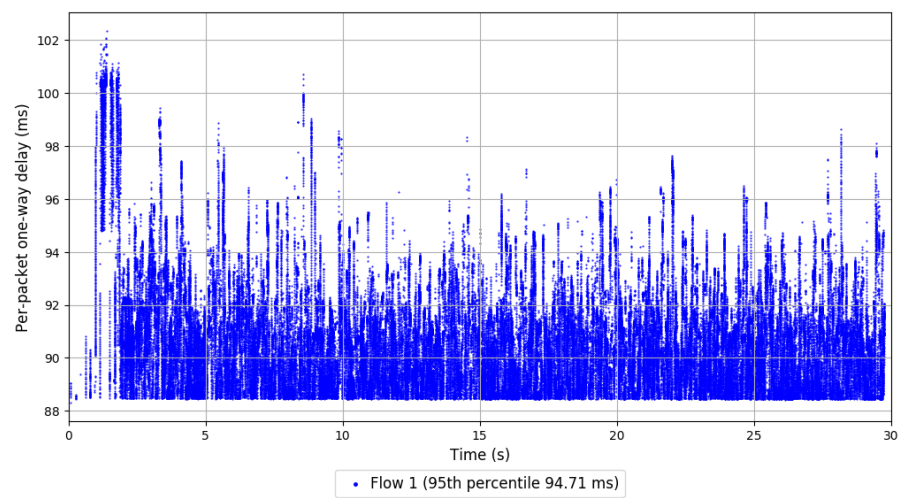
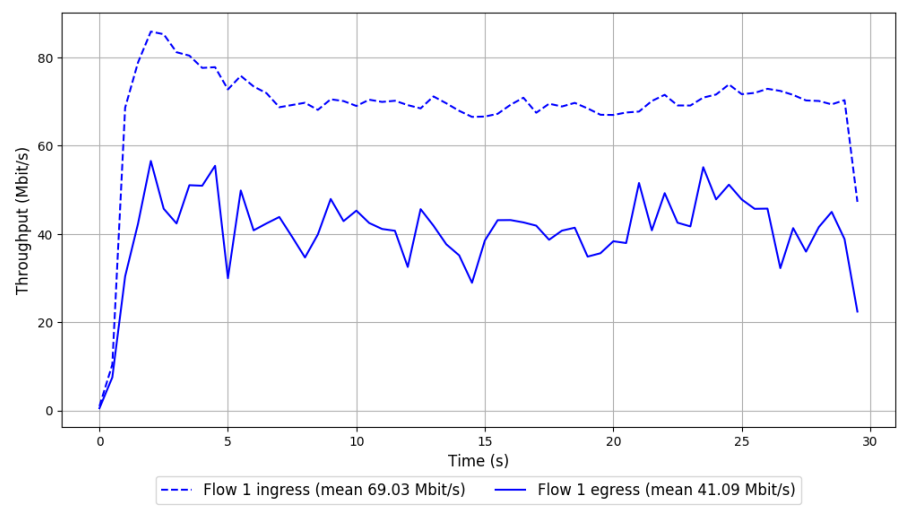
Run 7: Statistics of Indigo

Start at: 2018-01-09 03:52:15  
End at: 2018-01-09 03:52:45  
Local clock offset: 0.493 ms  
Remote clock offset: -7.736 ms

# Below is generated by plot.py at 2018-01-09 23:08:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 41.09 Mbit/s  
95th percentile per-packet one-way delay: 94.706 ms  
Loss rate: 40.81%  
-- Flow 1:  
Average throughput: 41.09 Mbit/s  
95th percentile per-packet one-way delay: 94.706 ms  
Loss rate: 40.81%



Run 7: Report of Indigo — Data Link

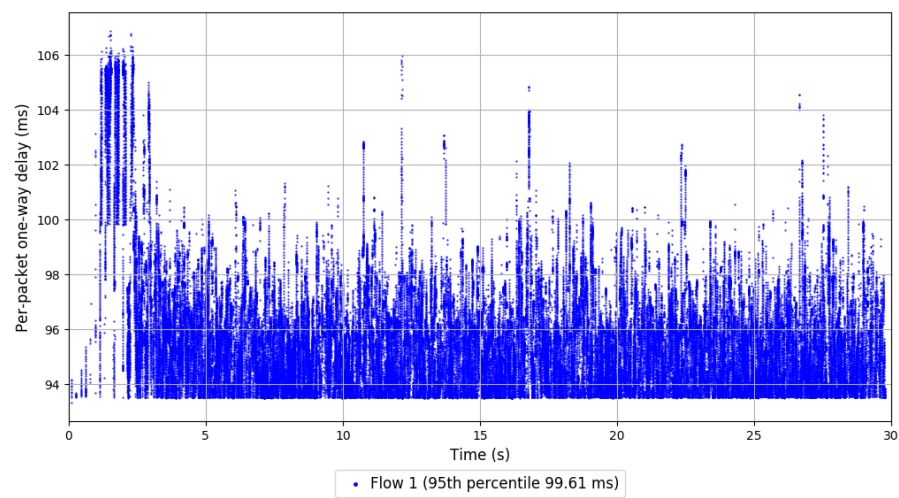
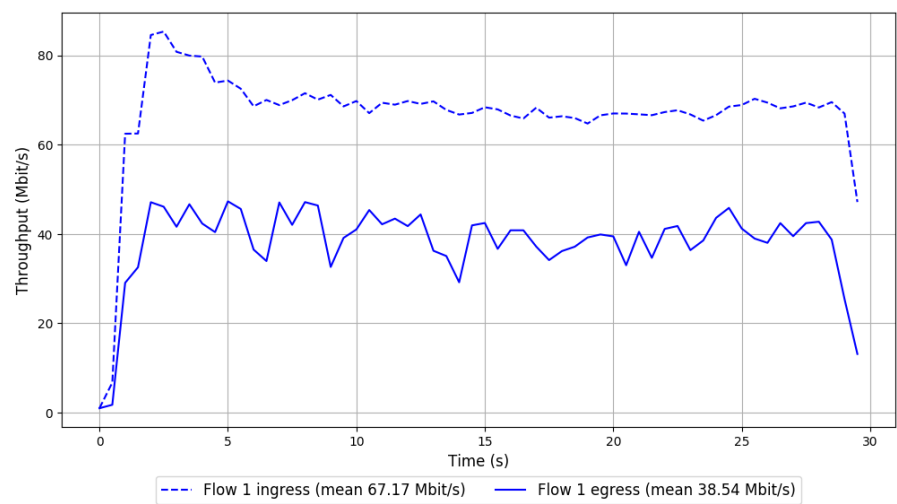


Run 8: Statistics of Indigo

Start at: 2018-01-09 05:19:18  
End at: 2018-01-09 05:19:48  
Local clock offset: 2.75 ms  
Remote clock offset: -13.218 ms

# Below is generated by plot.py at 2018-01-09 23:08:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 38.54 Mbit/s  
95th percentile per-packet one-way delay: 99.609 ms  
Loss rate: 42.95%  
-- Flow 1:  
Average throughput: 38.54 Mbit/s  
95th percentile per-packet one-way delay: 99.609 ms  
Loss rate: 42.95%

Run 8: Report of Indigo — Data Link

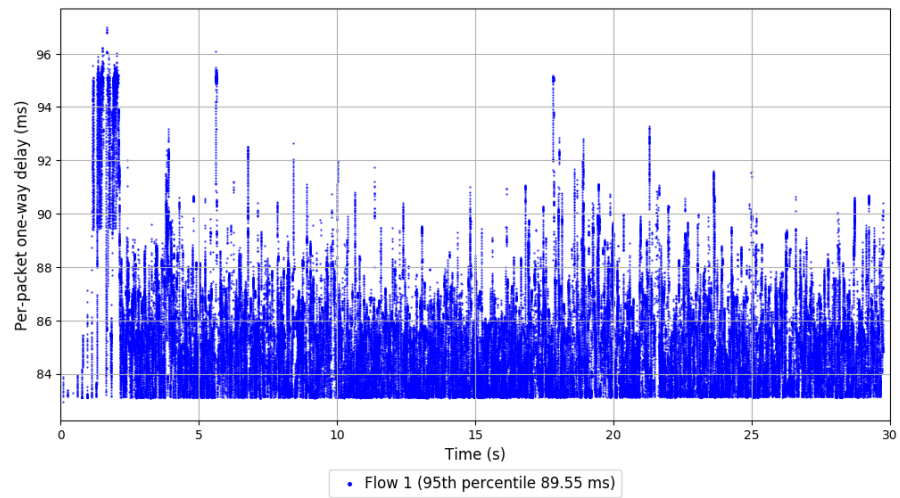
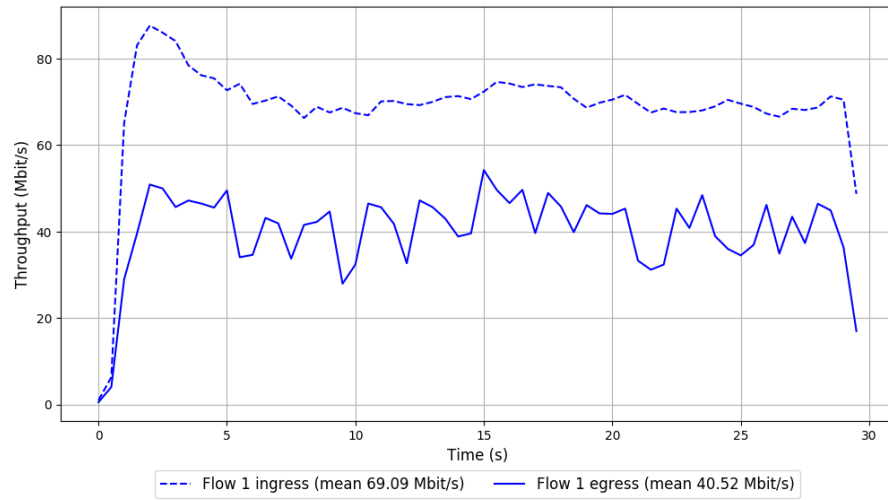


Run 9: Statistics of Indigo

Start at: 2018-01-09 06:21:28  
End at: 2018-01-09 06:21:58  
Local clock offset: 1.397 ms  
Remote clock offset: -0.163 ms

# Below is generated by plot.py at 2018-01-09 23:08:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 40.52 Mbit/s  
95th percentile per-packet one-way delay: 89.548 ms  
Loss rate: 41.69%  
-- Flow 1:  
Average throughput: 40.52 Mbit/s  
95th percentile per-packet one-way delay: 89.548 ms  
Loss rate: 41.69%

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



Run 10: Statistics of Indigo

Start at: 2018-01-09 07:19:50

End at: 2018-01-09 07:20:21

Local clock offset: -0.135 ms

Remote clock offset: 0.091 ms

# Below is generated by plot.py at 2018-01-09 23:08:48

# Datalink statistics

-- Total of 1 flow:

Average throughput: 34.61 Mbit/s

95th percentile per-packet one-way delay: 85.760 ms

Loss rate: 45.63%

-- Flow 1:

Average throughput: 34.61 Mbit/s

95th percentile per-packet one-way delay: 85.760 ms

Loss rate: 45.63%

Run 10: Report of Indigo — Data Link

