

## Pantheon Report

Generated at 2018-02-27 18:43:27 (UTC).

Data path: Colombia Ethernet (*remote*) → AWS Brazil 2 Ethernet (*local*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

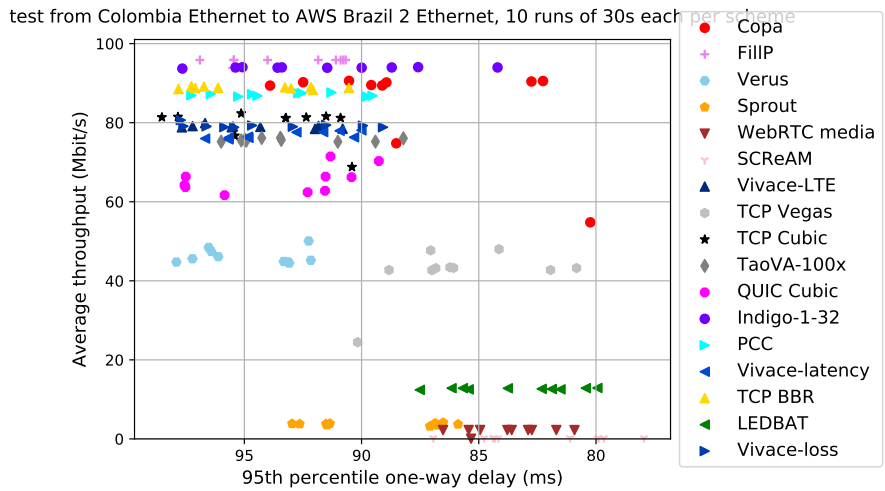
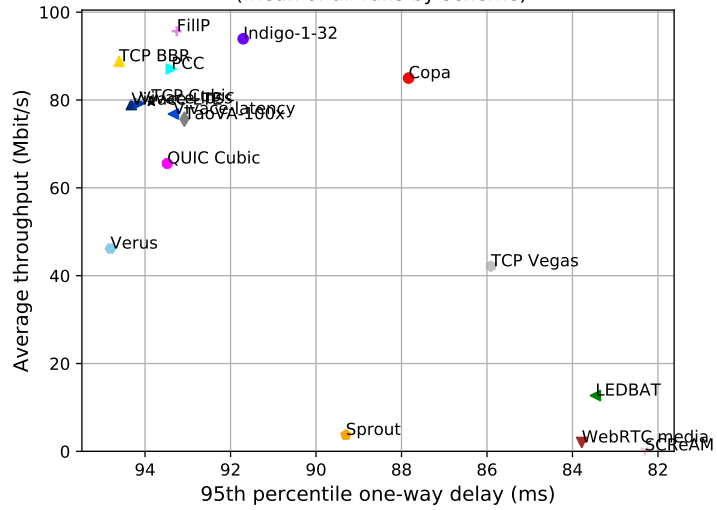
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
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 @ f1a14bffe749737437f61b1eae30b267cde681
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/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
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)



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	88.81	94.61	0.60
TCP Cubic	10	79.72	93.85	0.66
LEDBAT	10	12.70	83.46	1.12
PCC	10	87.08	93.39	0.61
QUIC Cubic	10	65.55	93.48	0.86
SCReAM	10	0.22	82.31	0.51
WebRTC media	10	2.03	83.78	0.70
Sprout	10	3.74	89.30	0.70
TaoVA-100x	10	75.63	93.08	0.55
TCP Vegas	10	42.14	85.91	0.57
Verus	10	46.17	94.81	0.87
Copa	10	84.99	87.83	2.23
FillP	10	95.66	93.26	0.60
Indigo-1-32	10	93.94	91.70	0.60
Vivace-latency	10	76.82	93.34	0.66
Vivace-loss	10	79.23	94.13	0.73
Vivace-LTE	10	78.95	94.32	0.68

Run 1: Statistics of TCP BBR

Start at: 2018-02-27 11:01:25

End at: 2018-02-27 11:01:55

Local clock offset: -2.855 ms

Remote clock offset: -1.409 ms

# Below is generated by plot.py at 2018-02-27 18:22:48

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.26 Mbit/s

95th percentile per-packet one-way delay: 92.083 ms

Loss rate: 0.26%

-- Flow 1:

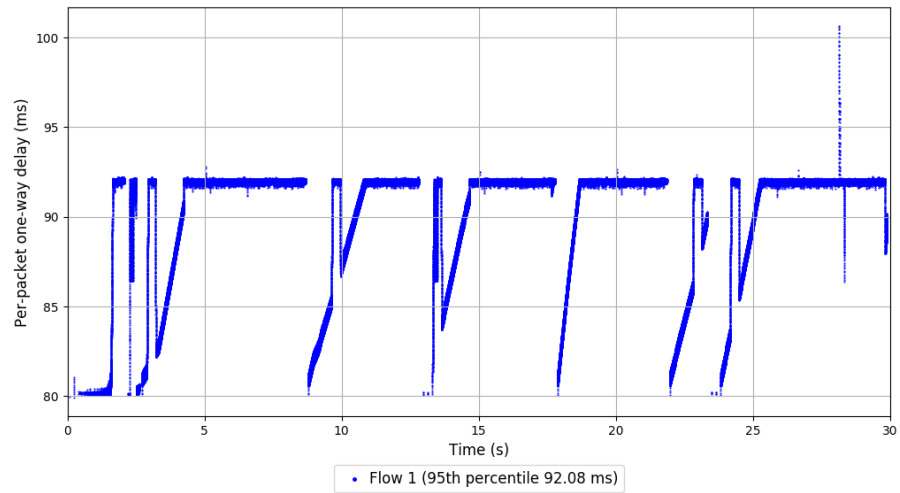
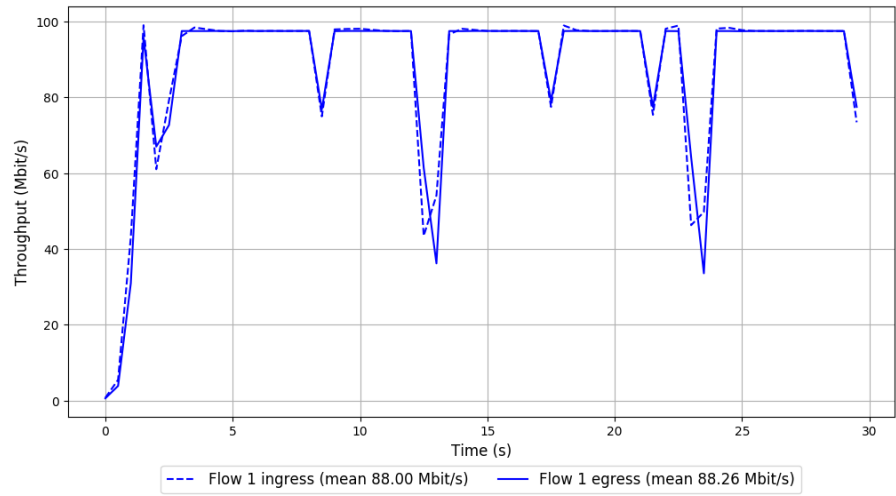
Average throughput: 88.26 Mbit/s

95th percentile per-packet one-way delay: 92.083 ms

Loss rate: 0.26%



# Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-02-27 11:23:22

End at: 2018-02-27 11:23:53

Local clock offset: -2.113 ms

Remote clock offset: -0.65 ms

# Below is generated by plot.py at 2018-02-27 18:22:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.69 Mbit/s

95th percentile per-packet one-way delay: 93.013 ms

Loss rate: 0.53%

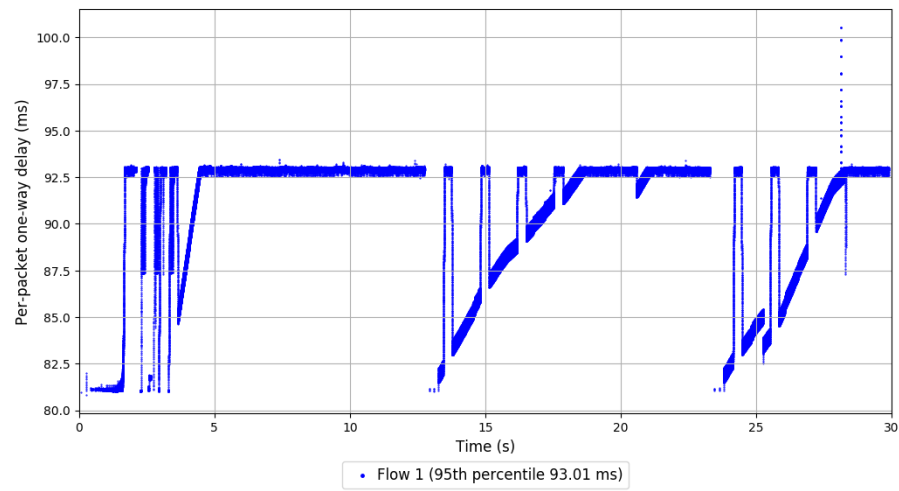
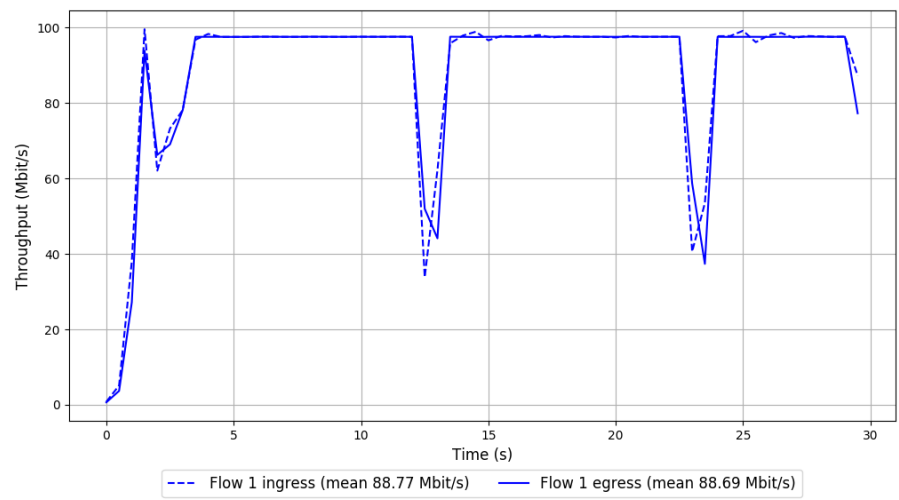
-- Flow 1:

Average throughput: 88.69 Mbit/s

95th percentile per-packet one-way delay: 93.013 ms

Loss rate: 0.53%

Run 2: Report of TCP BBR — Data Link

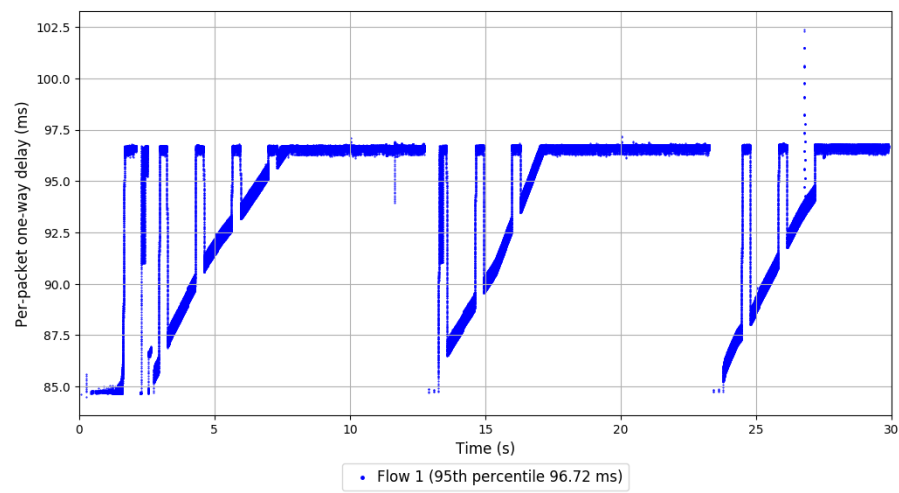
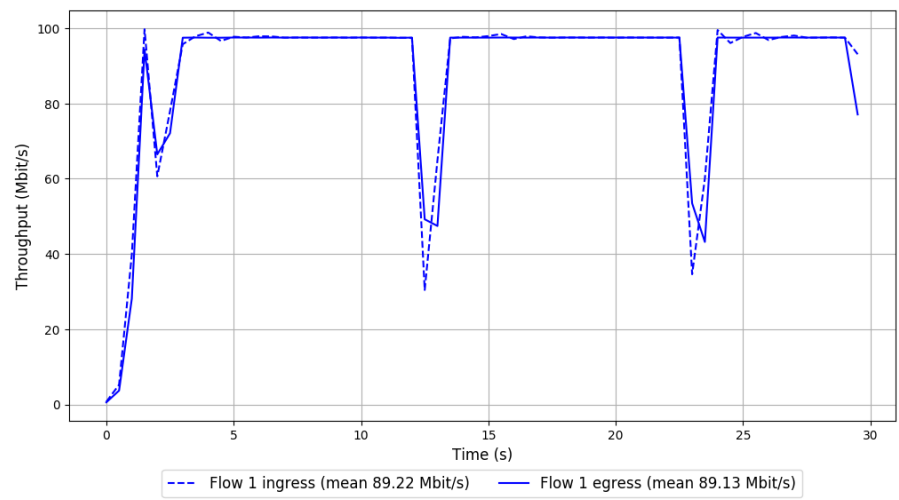


Run 3: Statistics of TCP BBR

Start at: 2018-02-27 11:45:23  
End at: 2018-02-27 11:45:53  
Local clock offset: -5.557 ms  
Remote clock offset: -5.262 ms

# Below is generated by plot.py at 2018-02-27 18:22:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.13 Mbit/s  
95th percentile per-packet one-way delay: 96.725 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 89.13 Mbit/s  
95th percentile per-packet one-way delay: 96.725 ms  
Loss rate: 0.65%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-02-27 12:07:25

End at: 2018-02-27 12:07:55

Local clock offset: -7.75 ms

Remote clock offset: -4.915 ms

# Below is generated by plot.py at 2018-02-27 18:22:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.78 Mbit/s

95th percentile per-packet one-way delay: 97.102 ms

Loss rate: 0.65%

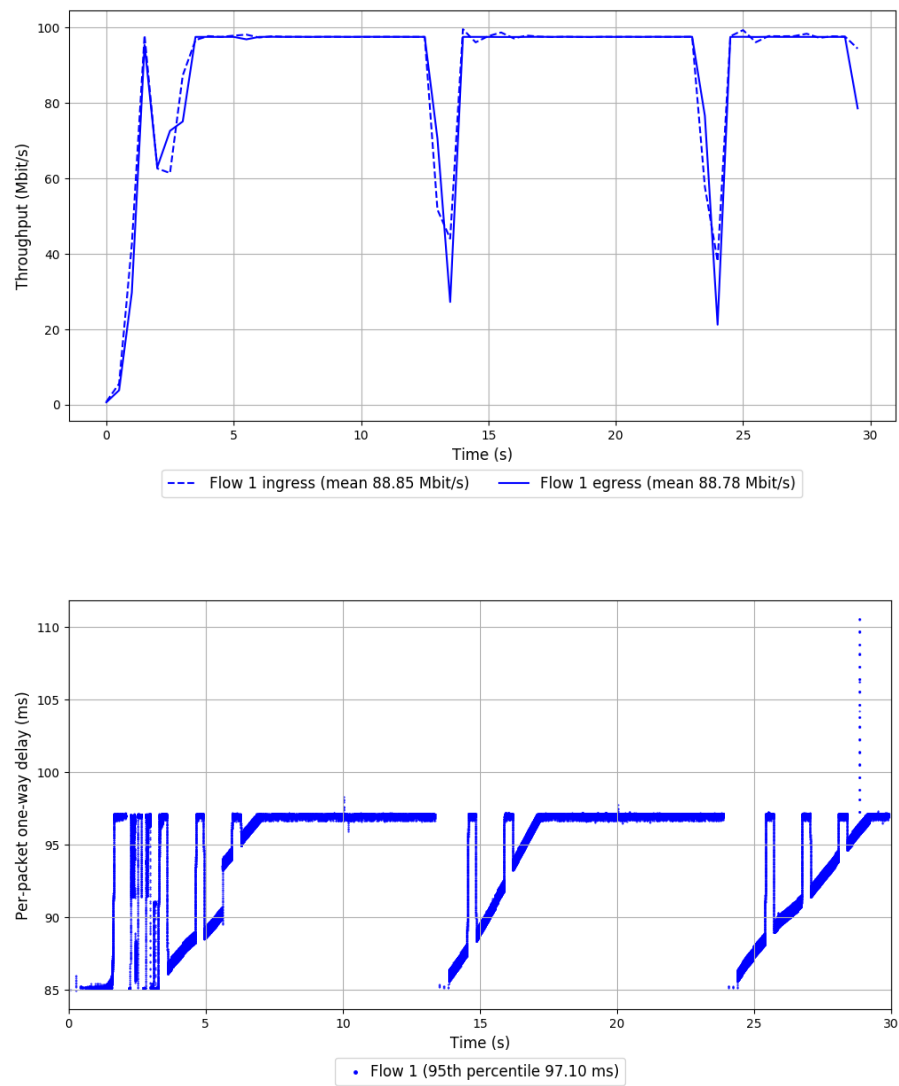
-- Flow 1:

Average throughput: 88.78 Mbit/s

95th percentile per-packet one-way delay: 97.102 ms

Loss rate: 0.65%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-02-27 12:29:26

End at: 2018-02-27 12:29:56

Local clock offset: -8.957 ms

Remote clock offset: 0.132 ms

# Below is generated by plot.py at 2018-02-27 18:22:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.97 Mbit/s

95th percentile per-packet one-way delay: 92.159 ms

Loss rate: 0.66%

-- Flow 1:

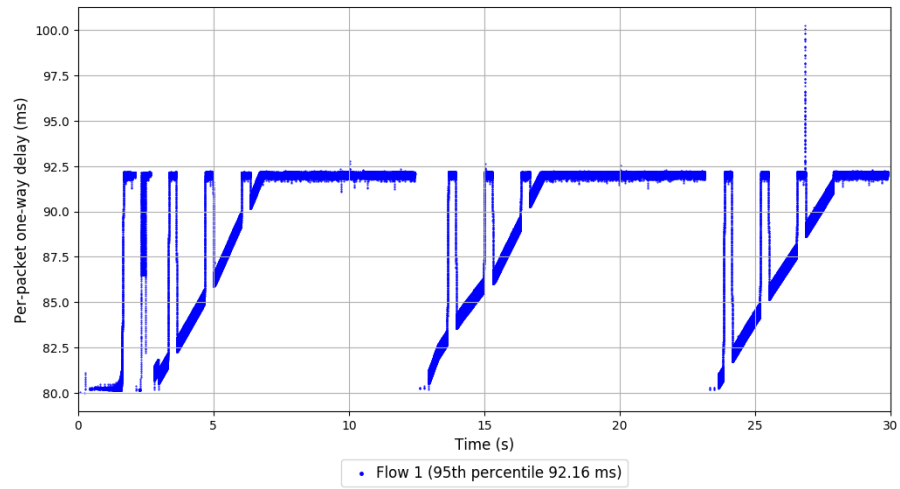
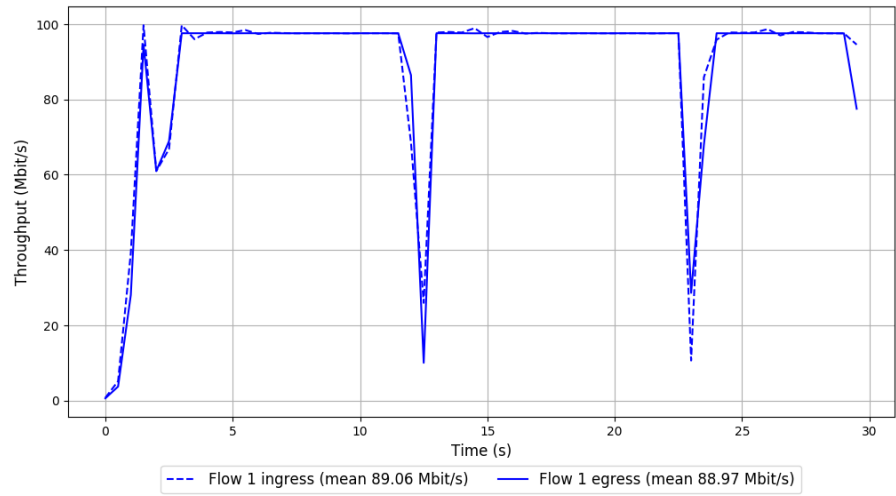
Average throughput: 88.97 Mbit/s

95th percentile per-packet one-way delay: 92.159 ms

Loss rate: 0.66%



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

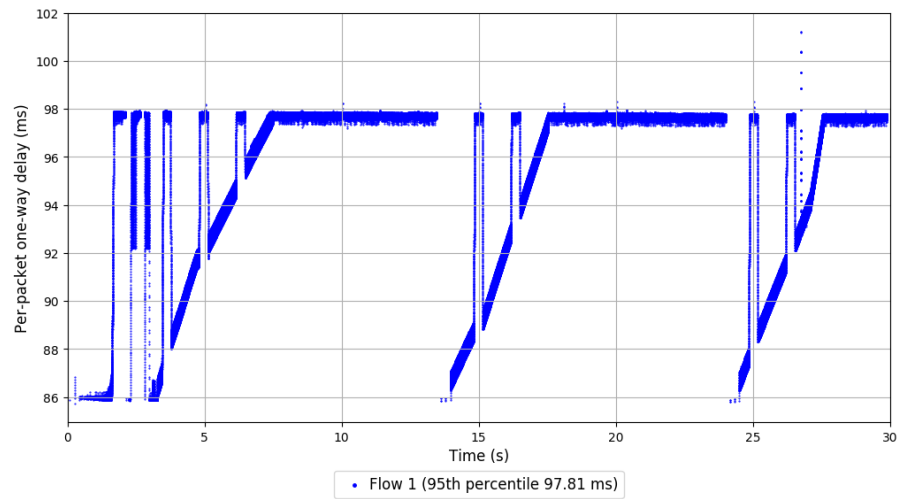
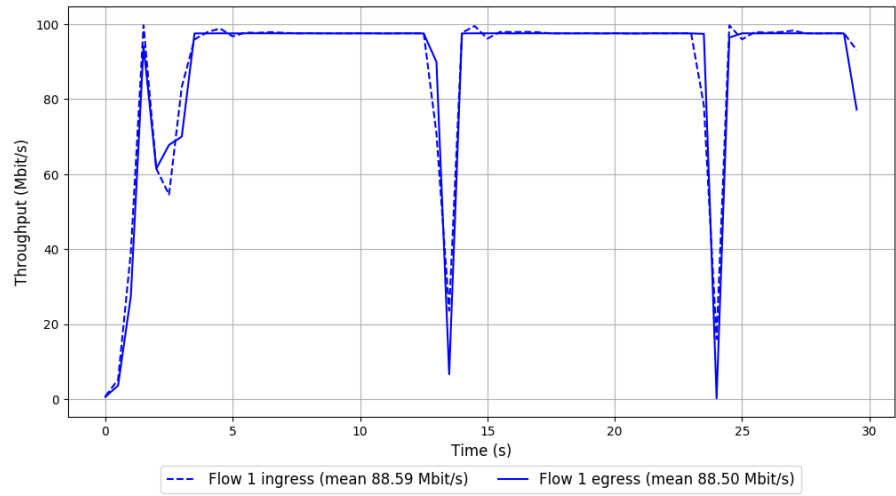


Run 6: Statistics of TCP BBR

Start at: 2018-02-27 12:51:26  
End at: 2018-02-27 12:51:56  
Local clock offset: -6.902 ms  
Remote clock offset: -5.316 ms

# Below is generated by plot.py at 2018-02-27 18:22:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.50 Mbit/s  
95th percentile per-packet one-way delay: 97.813 ms  
Loss rate: 0.66%  
-- Flow 1:  
Average throughput: 88.50 Mbit/s  
95th percentile per-packet one-way delay: 97.813 ms  
Loss rate: 0.66%

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



Run 7: Statistics of TCP BBR

Start at: 2018-02-27 13:13:26

End at: 2018-02-27 13:13:56

Local clock offset: -5.66 ms

Remote clock offset: -0.458 ms

# Below is generated by plot.py at 2018-02-27 18:22:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.79 Mbit/s

95th percentile per-packet one-way delay: 90.537 ms

Loss rate: 0.65%

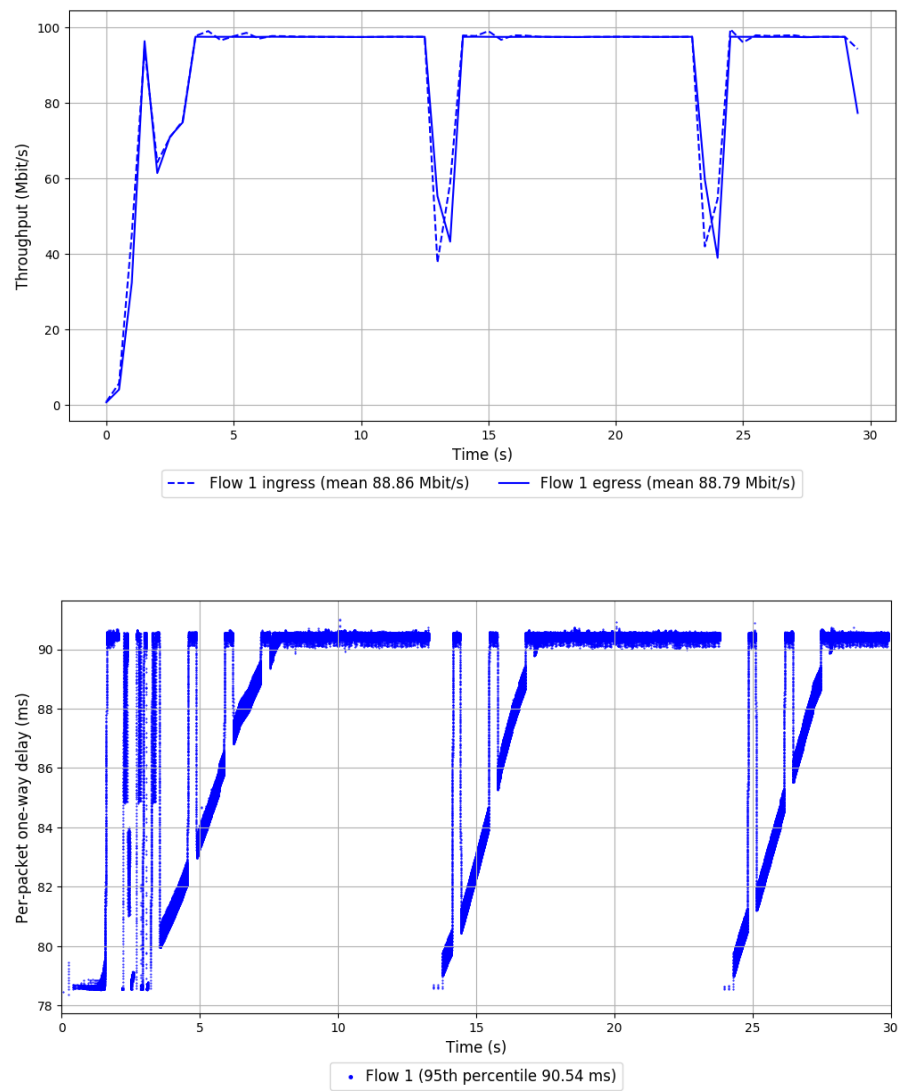
-- Flow 1:

Average throughput: 88.79 Mbit/s

95th percentile per-packet one-way delay: 90.537 ms

Loss rate: 0.65%

Run 7: Report of TCP BBR — Data Link

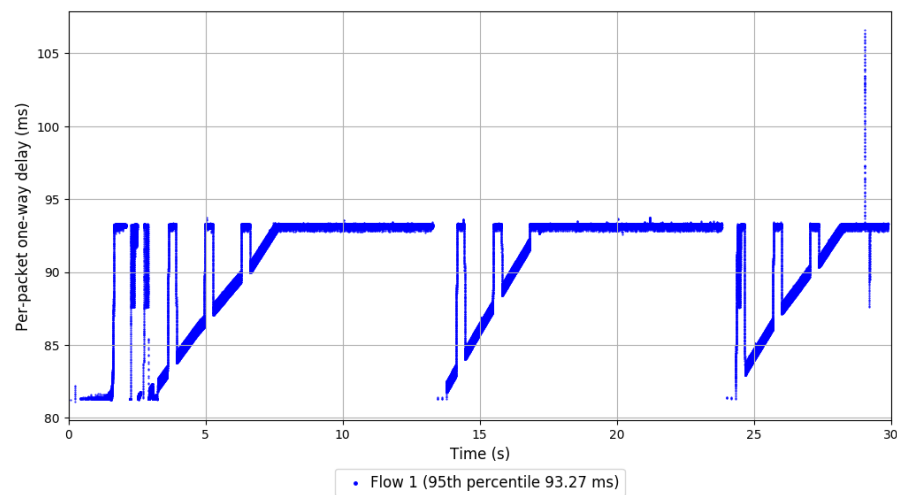
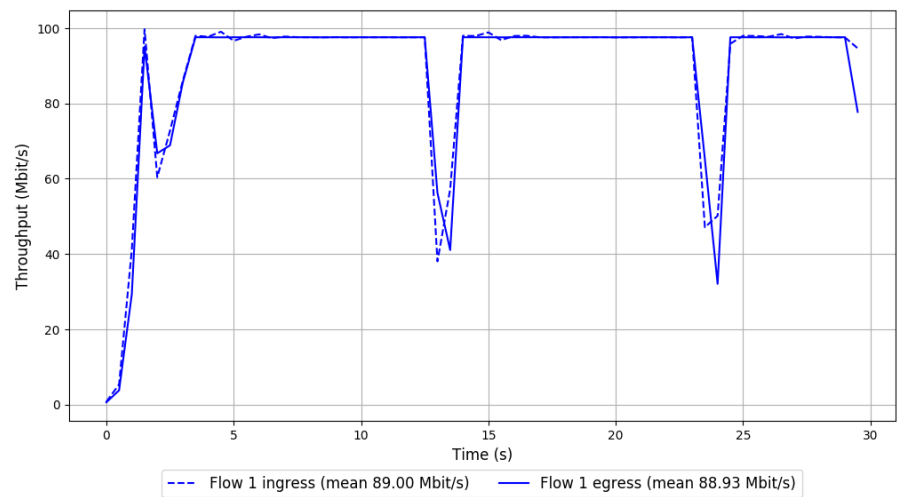


Run 8: Statistics of TCP BBR

Start at: 2018-02-27 13:35:39  
End at: 2018-02-27 13:36:09  
Local clock offset: -7.223 ms  
Remote clock offset: -0.894 ms

# Below is generated by plot.py at 2018-02-27 18:22:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.93 Mbit/s  
95th percentile per-packet one-way delay: 93.266 ms  
Loss rate: 0.66%  
-- Flow 1:  
Average throughput: 88.93 Mbit/s  
95th percentile per-packet one-way delay: 93.266 ms  
Loss rate: 0.66%

Run 8: Report of TCP BBR — Data Link



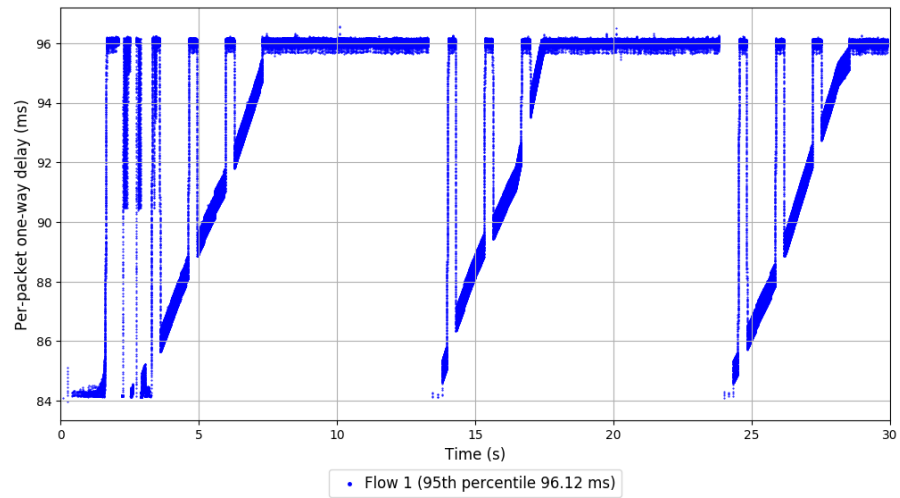
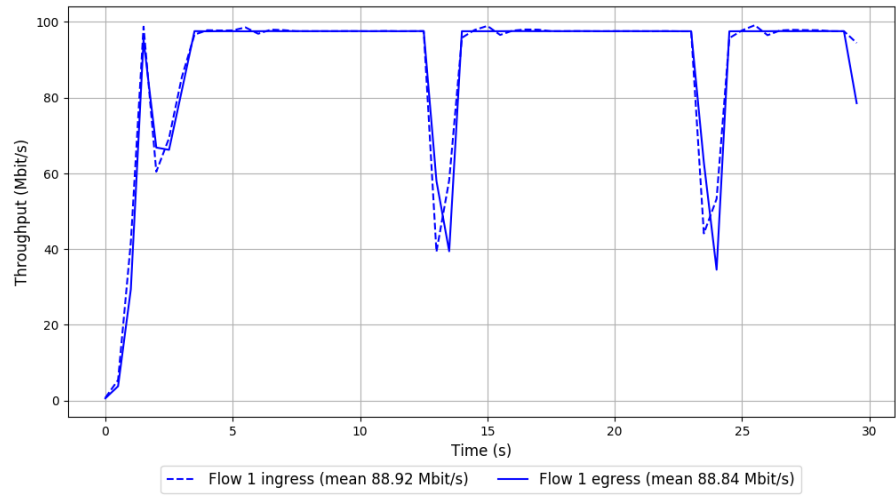
Run 9: Statistics of TCP BBR

Start at: 2018-02-27 13:57:50  
End at: 2018-02-27 13:58:20  
Local clock offset: -6.574 ms  
Remote clock offset: -6.853 ms

# Below is generated by plot.py at 2018-02-27 18:24:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.84 Mbit/s  
95th percentile per-packet one-way delay: 96.121 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 88.84 Mbit/s  
95th percentile per-packet one-way delay: 96.121 ms  
Loss rate: 0.65%



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



Run 10: Statistics of TCP BBR

Start at: 2018-02-27 14:20:02

End at: 2018-02-27 14:20:32

Local clock offset: -5.641 ms

Remote clock offset: -5.471 ms

# Below is generated by plot.py at 2018-02-27 18:24:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.20 Mbit/s

95th percentile per-packet one-way delay: 97.257 ms

Loss rate: 0.65%

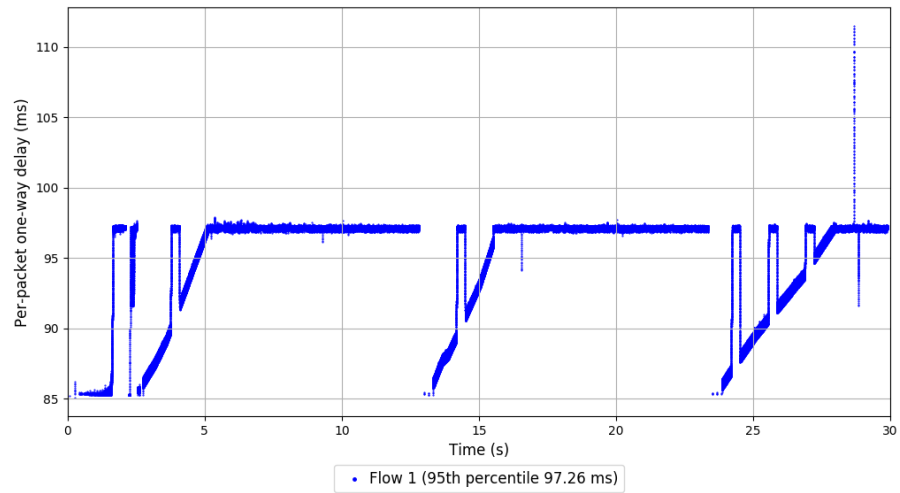
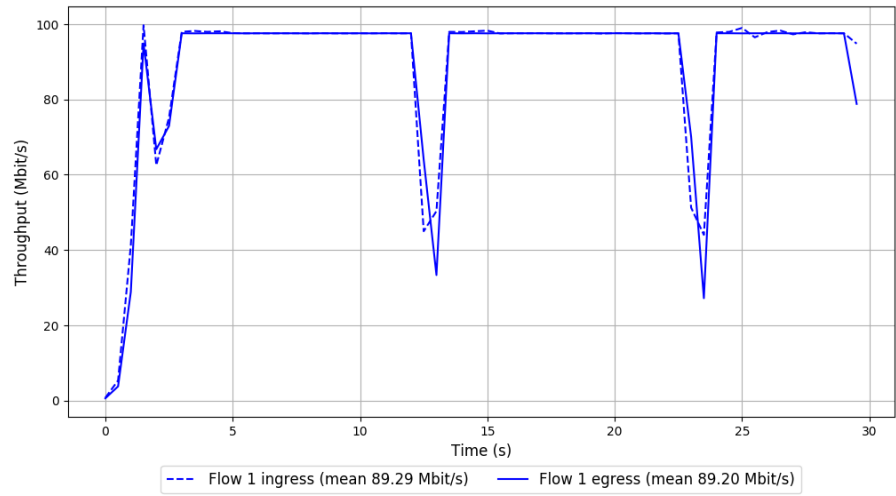
-- Flow 1:

Average throughput: 89.20 Mbit/s

95th percentile per-packet one-way delay: 97.257 ms

Loss rate: 0.65%

# Run 10: Report of TCP BBR — Data Link

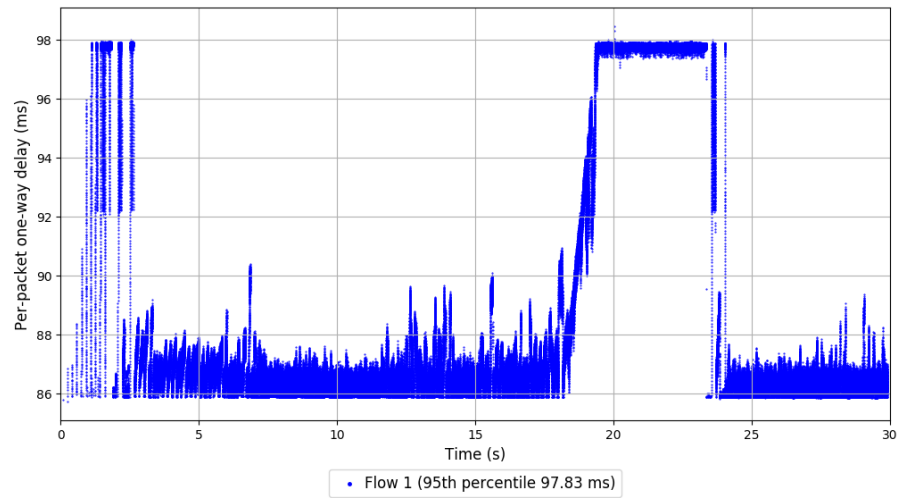
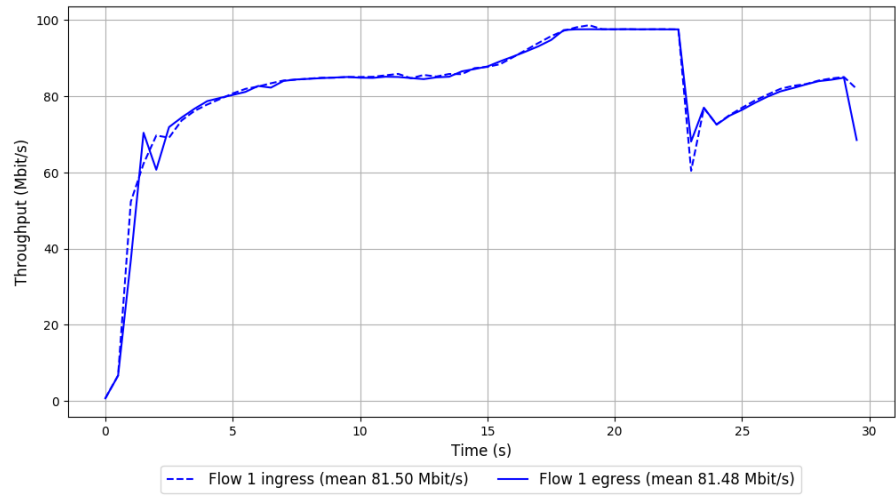


Run 1: Statistics of TCP Cubic

Start at: 2018-02-27 11:12:27  
End at: 2018-02-27 11:12:57  
Local clock offset: -2.429 ms  
Remote clock offset: -6.282 ms

# Below is generated by plot.py at 2018-02-27 18:24:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.48 Mbit/s  
95th percentile per-packet one-way delay: 97.832 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 81.48 Mbit/s  
95th percentile per-packet one-way delay: 97.832 ms  
Loss rate: 0.59%

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

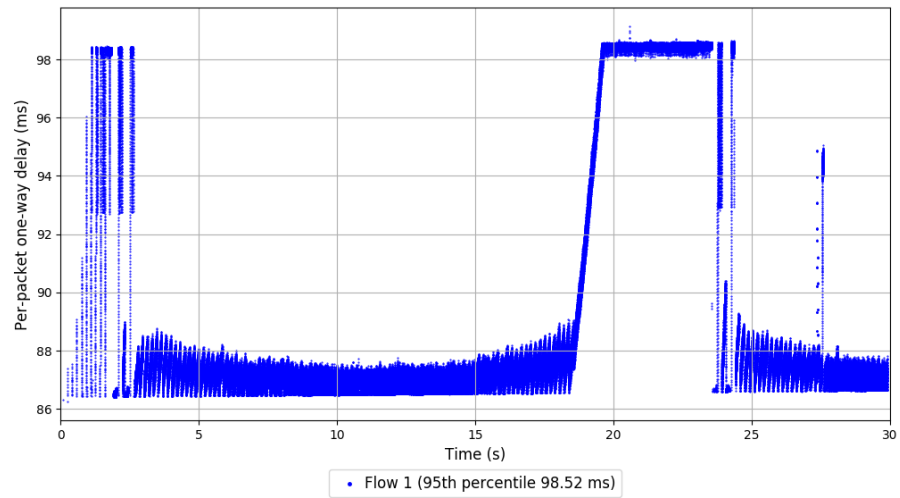
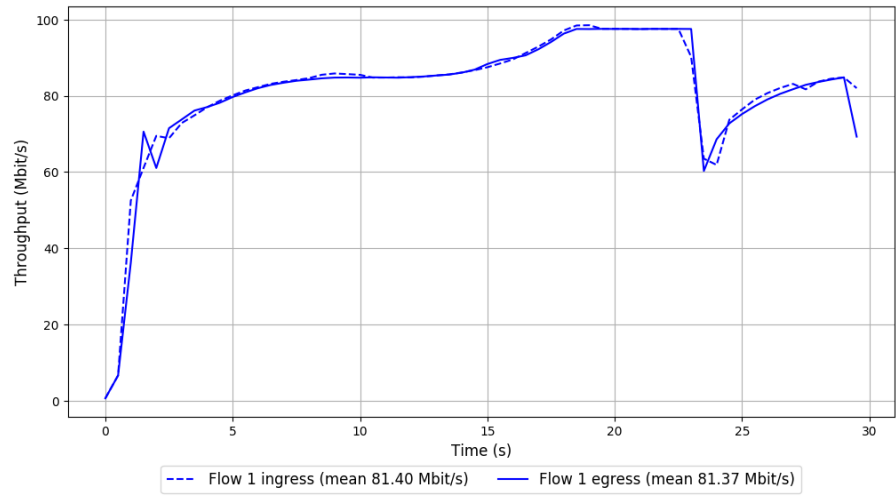


Run 2: Statistics of TCP Cubic

Start at: 2018-02-27 11:34:29  
End at: 2018-02-27 11:34:59  
Local clock offset: -2.24 ms  
Remote clock offset: -5.333 ms

# Below is generated by plot.py at 2018-02-27 18:24:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.37 Mbit/s  
95th percentile per-packet one-way delay: 98.518 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 81.37 Mbit/s  
95th percentile per-packet one-way delay: 98.518 ms  
Loss rate: 0.59%

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



Run 3: Statistics of TCP Cubic

Start at: 2018-02-27 11:56:29

End at: 2018-02-27 11:56:59

Local clock offset: -6.895 ms

Remote clock offset: 0.73 ms

# Below is generated by plot.py at 2018-02-27 18:24:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.21 Mbit/s

95th percentile per-packet one-way delay: 90.896 ms

Loss rate: 0.58%

-- Flow 1:

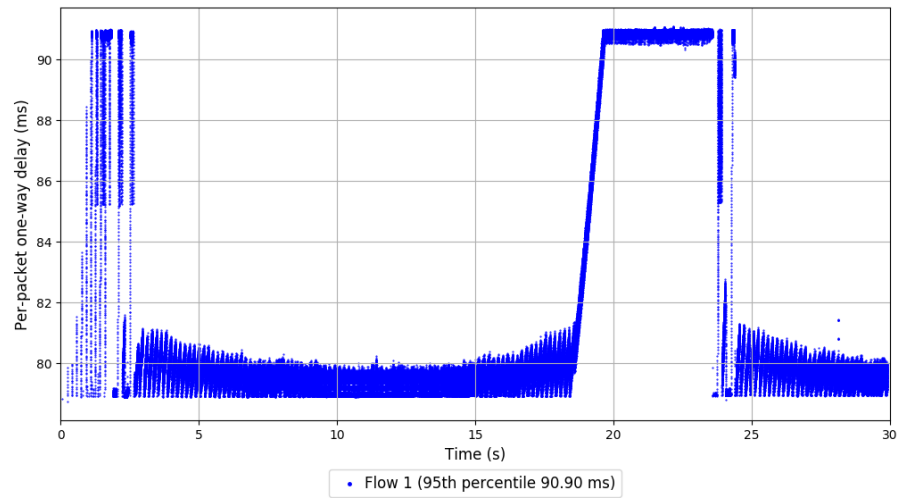
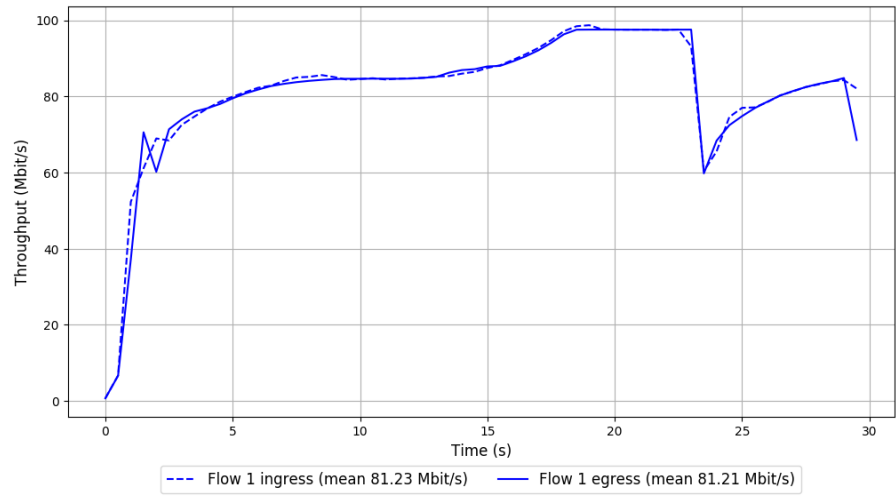
Average throughput: 81.21 Mbit/s

95th percentile per-packet one-way delay: 90.896 ms

Loss rate: 0.58%



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



Run 4: Statistics of TCP Cubic

Start at: 2018-02-27 12:18:31

End at: 2018-02-27 12:19:01

Local clock offset: -8.299 ms

Remote clock offset: 0.941 ms

# Below is generated by plot.py at 2018-02-27 18:24:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.59 Mbit/s

95th percentile per-packet one-way delay: 91.512 ms

Loss rate: 0.59%

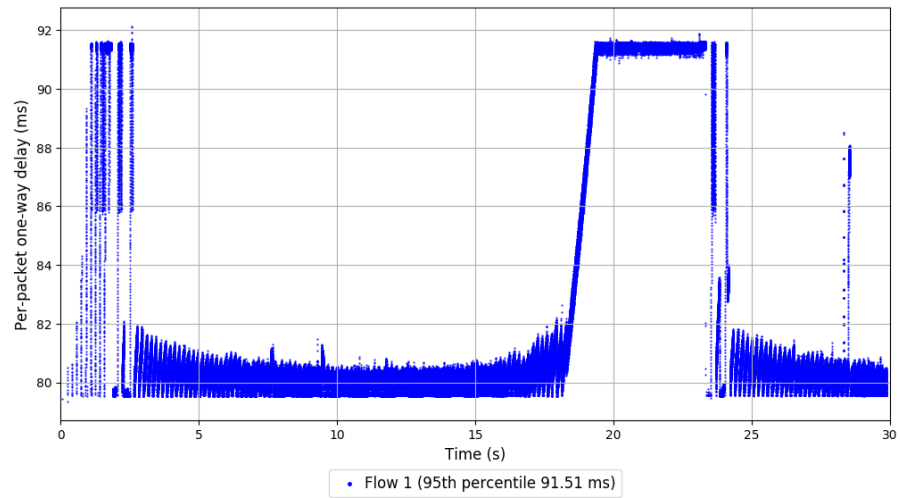
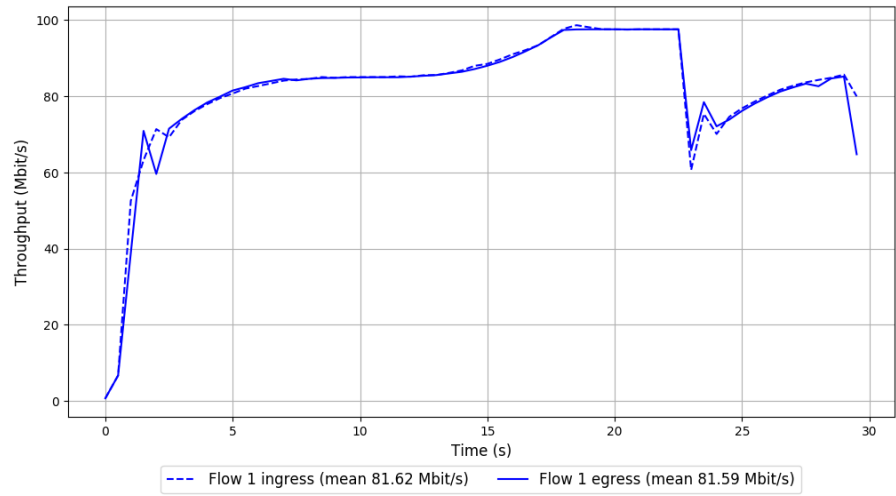
-- Flow 1:

Average throughput: 81.59 Mbit/s

95th percentile per-packet one-way delay: 91.512 ms

Loss rate: 0.59%

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



Run 5: Statistics of TCP Cubic

Start at: 2018-02-27 12:40:32

End at: 2018-02-27 12:41:02

Local clock offset: -9.531 ms

Remote clock offset: 0.301 ms

# Below is generated by plot.py at 2018-02-27 18:24:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.34 Mbit/s

95th percentile per-packet one-way delay: 92.359 ms

Loss rate: 0.59%

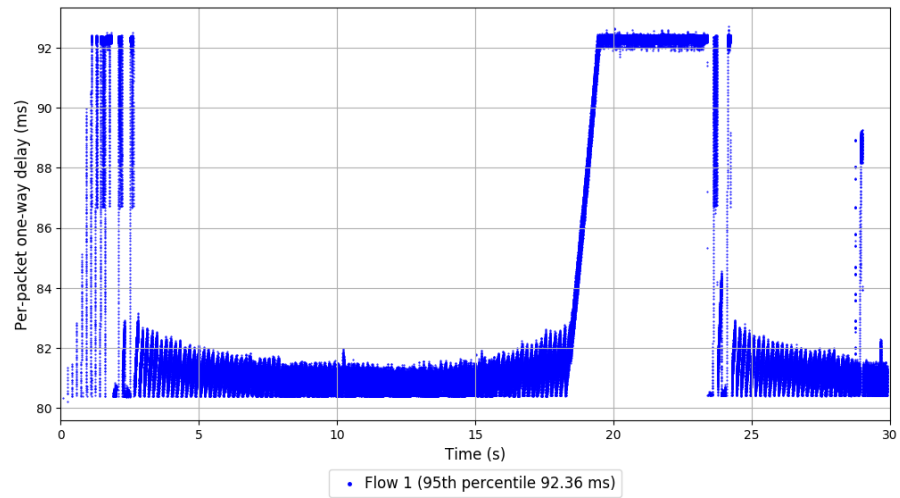
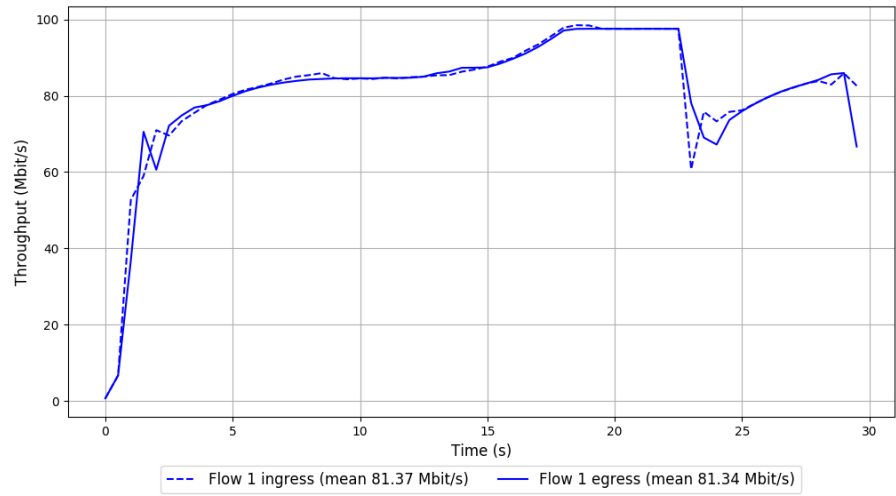
-- Flow 1:

Average throughput: 81.34 Mbit/s

95th percentile per-packet one-way delay: 92.359 ms

Loss rate: 0.59%

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

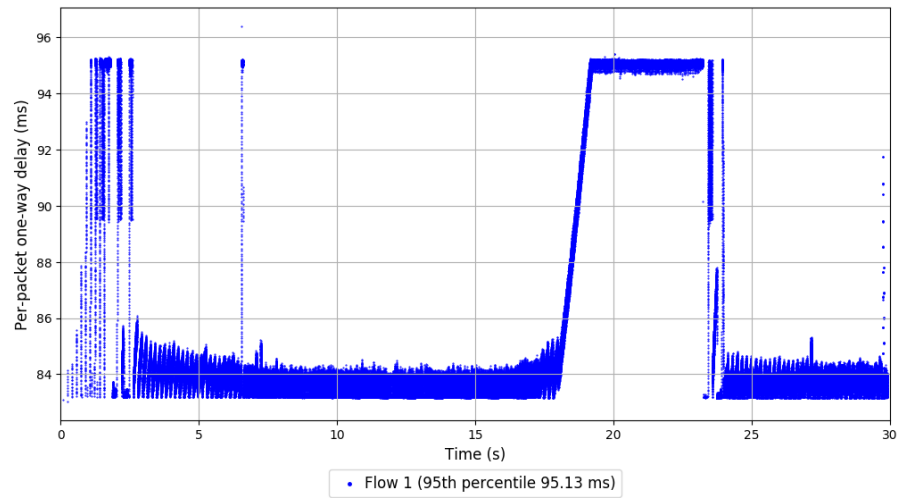
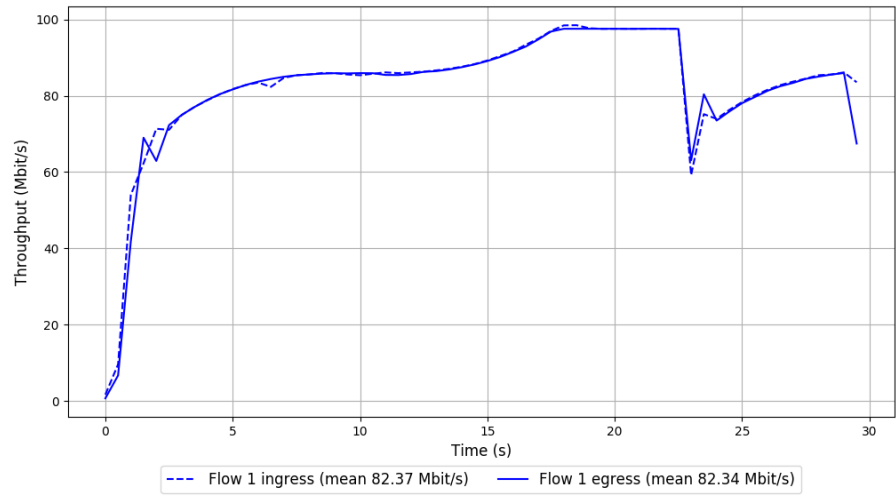


Run 6: Statistics of TCP Cubic

Start at: 2018-02-27 13:02:32  
End at: 2018-02-27 13:03:02  
Local clock offset: -5.862 ms  
Remote clock offset: -5.147 ms

# Below is generated by plot.py at 2018-02-27 18:24:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 82.34 Mbit/s  
95th percentile per-packet one-way delay: 95.133 ms  
Loss rate: 0.58%  
-- Flow 1:  
Average throughput: 82.34 Mbit/s  
95th percentile per-packet one-way delay: 95.133 ms  
Loss rate: 0.58%

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



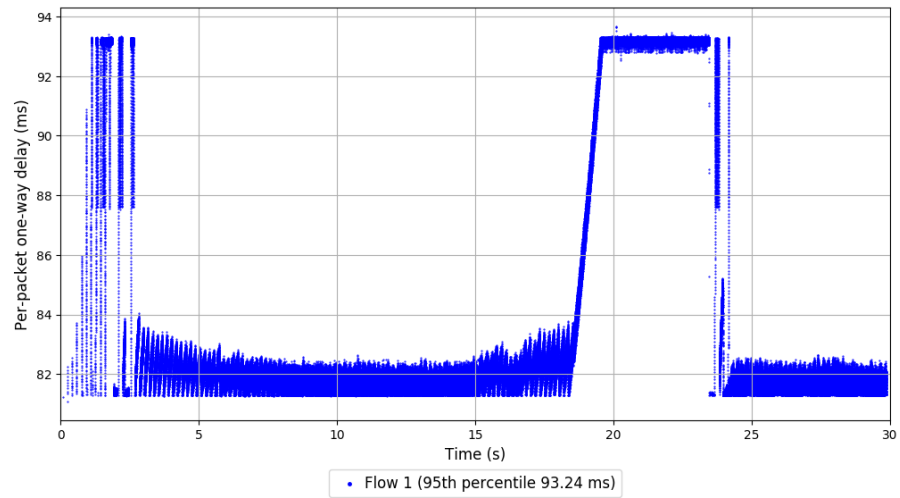
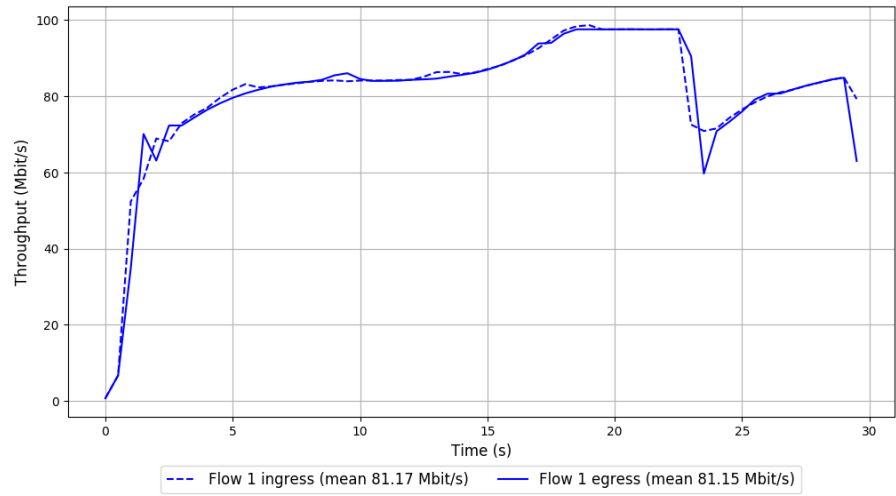
Run 7: Statistics of TCP Cubic

Start at: 2018-02-27 13:24:32  
End at: 2018-02-27 13:25:02  
Local clock offset: -6.608 ms  
Remote clock offset: -0.461 ms

# Below is generated by plot.py at 2018-02-27 18:25:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.15 Mbit/s  
95th percentile per-packet one-way delay: 93.241 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 81.15 Mbit/s  
95th percentile per-packet one-way delay: 93.241 ms  
Loss rate: 0.59%



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

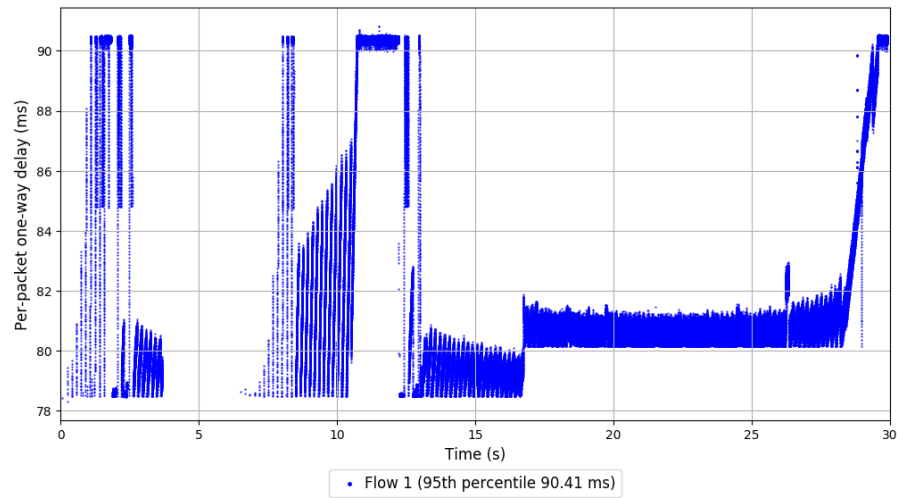
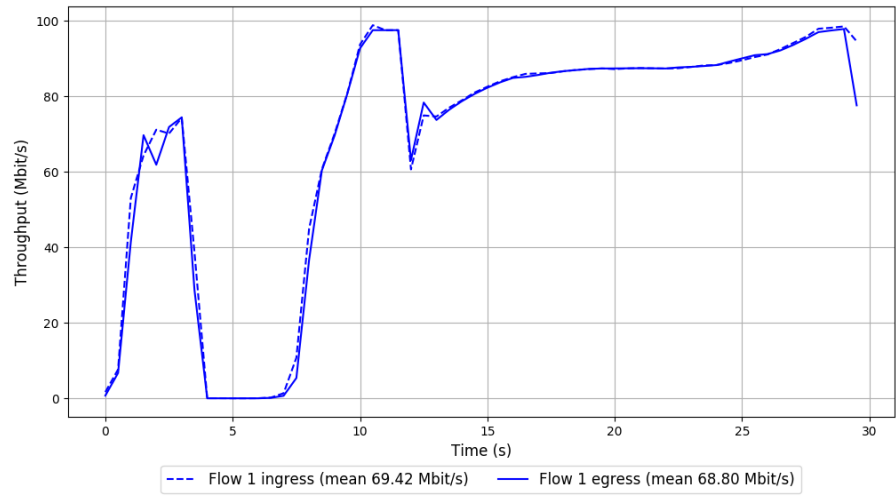


Run 8: Statistics of TCP Cubic

Start at: 2018-02-27 13:46:55  
End at: 2018-02-27 13:47:25  
Local clock offset: -7.631 ms  
Remote clock offset: -1.068 ms

# Below is generated by plot.py at 2018-02-27 18:25:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 68.80 Mbit/s  
95th percentile per-packet one-way delay: 90.408 ms  
Loss rate: 1.45%  
-- Flow 1:  
Average throughput: 68.80 Mbit/s  
95th percentile per-packet one-way delay: 90.408 ms  
Loss rate: 1.45%

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

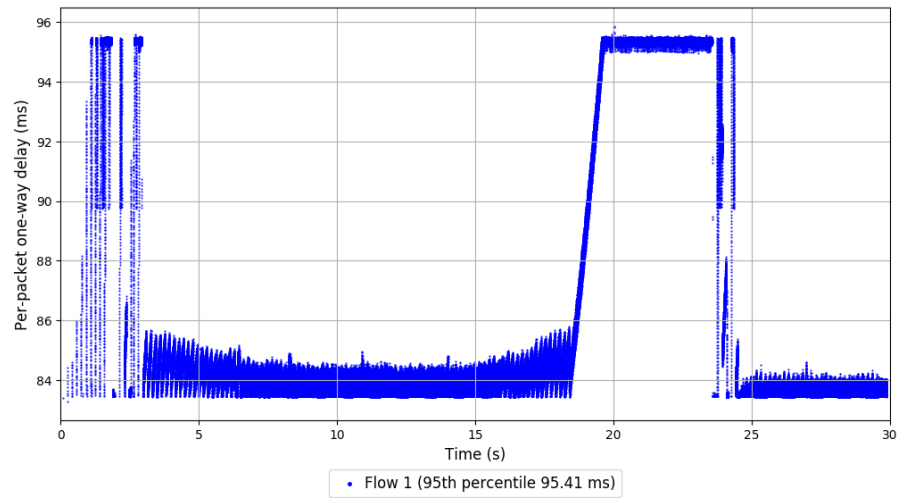
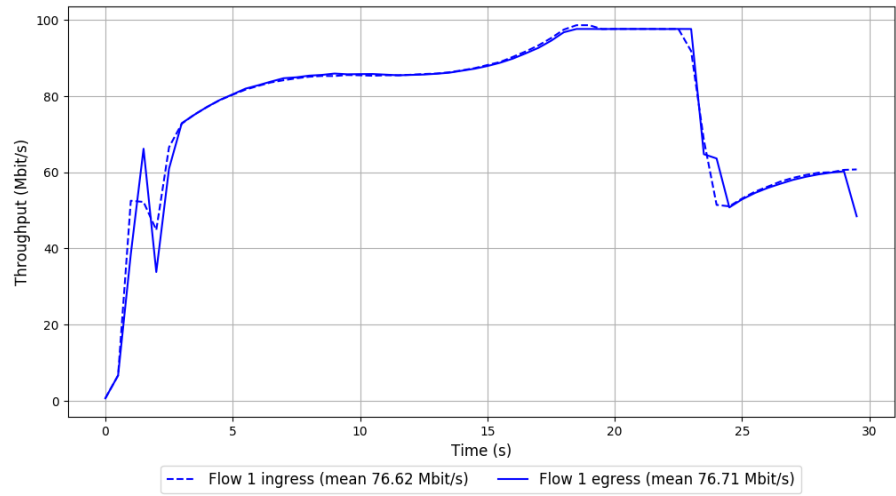


Run 9: Statistics of TCP Cubic

Start at: 2018-02-27 14:08:55  
End at: 2018-02-27 14:09:25  
Local clock offset: -5.906 ms  
Remote clock offset: -5.631 ms

# Below is generated by plot.py at 2018-02-27 18:25:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.71 Mbit/s  
95th percentile per-packet one-way delay: 95.409 ms  
Loss rate: 0.44%  
-- Flow 1:  
Average throughput: 76.71 Mbit/s  
95th percentile per-packet one-way delay: 95.409 ms  
Loss rate: 0.44%

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



Run 10: Statistics of TCP Cubic

Start at: 2018-02-27 14:31:09

End at: 2018-02-27 14:31:39

Local clock offset: -5.457 ms

Remote clock offset: -0.569 ms

# Below is generated by plot.py at 2018-02-27 18:25:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.20 Mbit/s

95th percentile per-packet one-way delay: 93.227 ms

Loss rate: 0.59%

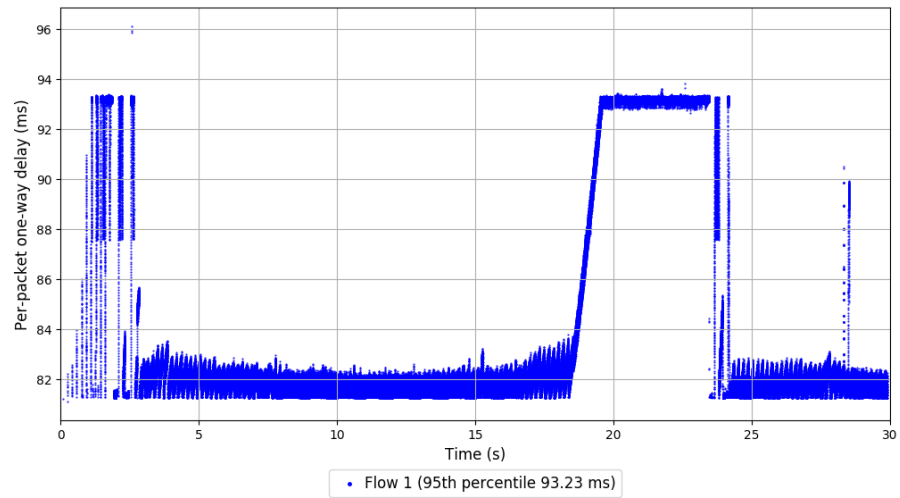
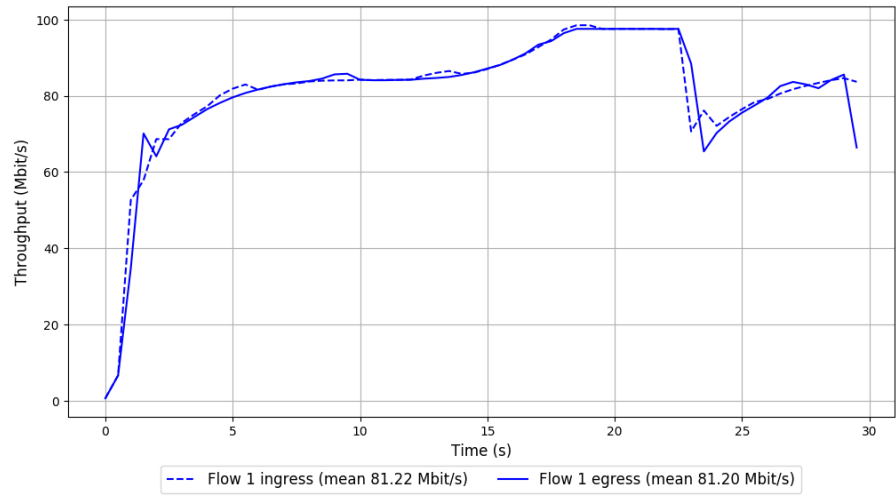
-- Flow 1:

Average throughput: 81.20 Mbit/s

95th percentile per-packet one-way delay: 93.227 ms

Loss rate: 0.59%

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



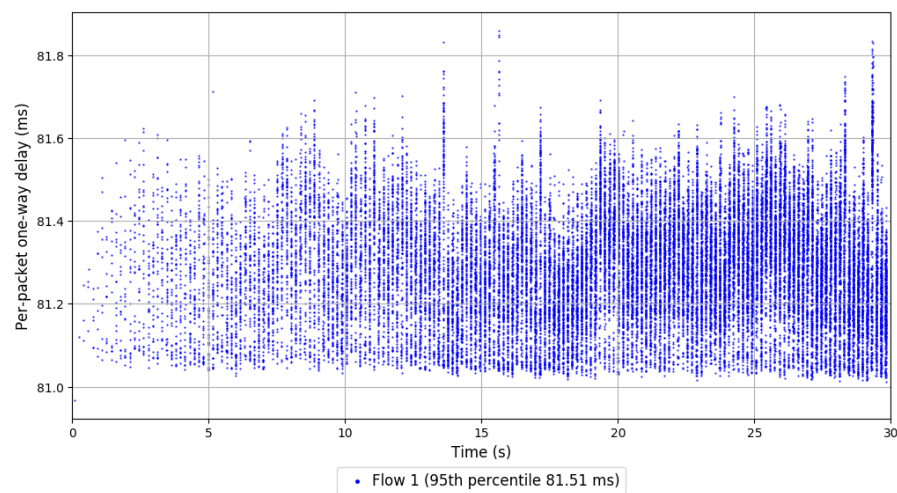
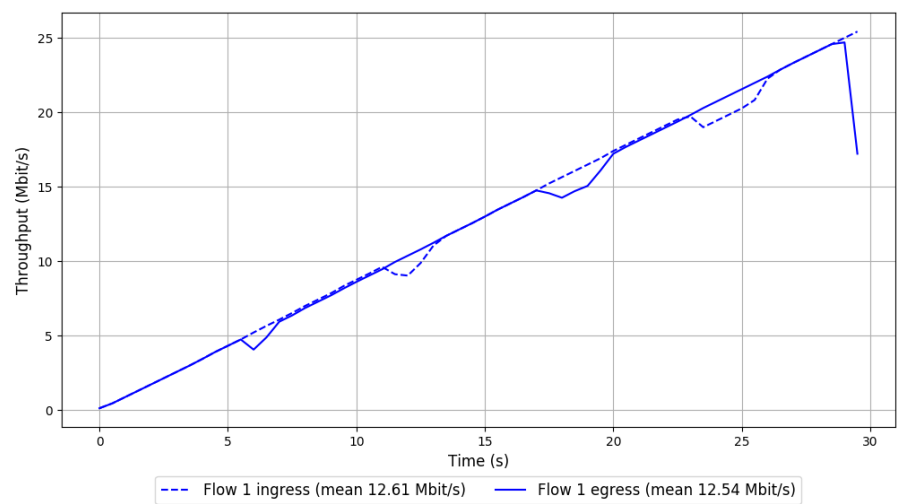
Run 1: Statistics of LEDBAT

Start at: 2018-02-27 10:57:44  
End at: 2018-02-27 10:58:14  
Local clock offset: -2.878 ms  
Remote clock offset: -1.471 ms

# Below is generated by plot.py at 2018-02-27 18:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.54 Mbit/s  
95th percentile per-packet one-way delay: 81.514 ms  
Loss rate: 1.13%  
-- Flow 1:  
Average throughput: 12.54 Mbit/s  
95th percentile per-packet one-way delay: 81.514 ms  
Loss rate: 1.13%



Run 1: Report of LEDBAT — Data Link

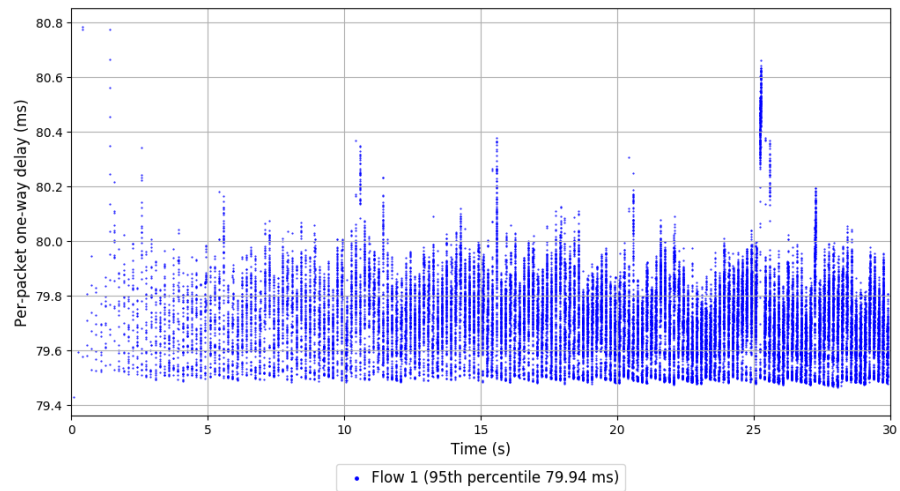
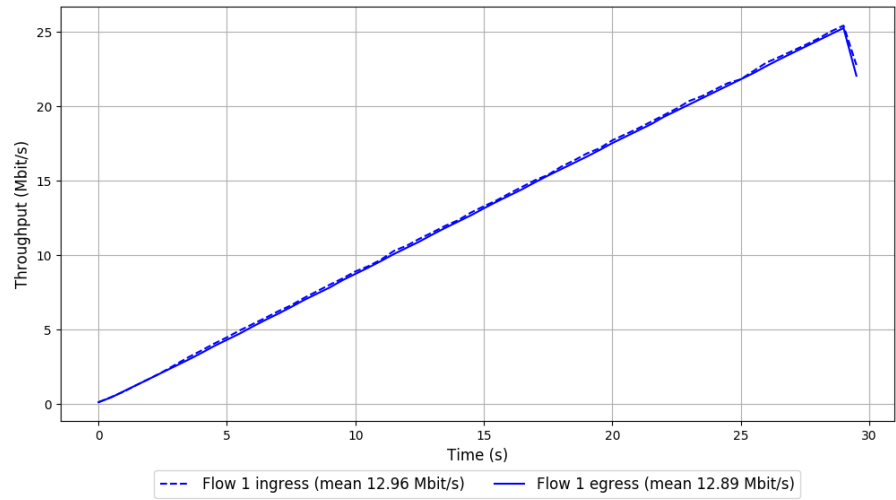


Run 2: Statistics of LEDBAT

Start at: 2018-02-27 11:19:42  
End at: 2018-02-27 11:20:12  
Local clock offset: -2.212 ms  
Remote clock offset: -0.581 ms

# Below is generated by plot.py at 2018-02-27 18:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.89 Mbit/s  
95th percentile per-packet one-way delay: 79.941 ms  
Loss rate: 1.11%  
-- Flow 1:  
Average throughput: 12.89 Mbit/s  
95th percentile per-packet one-way delay: 79.941 ms  
Loss rate: 1.11%

## Run 2: Report of LEDBAT — Data Link

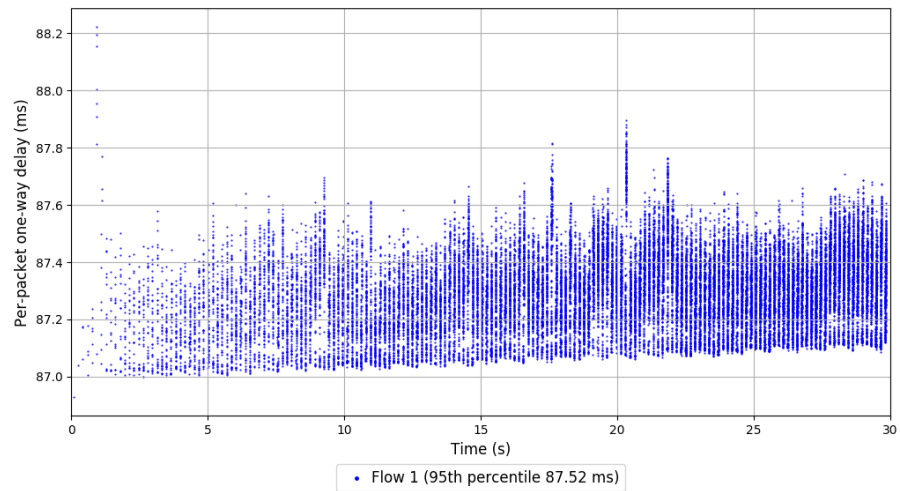
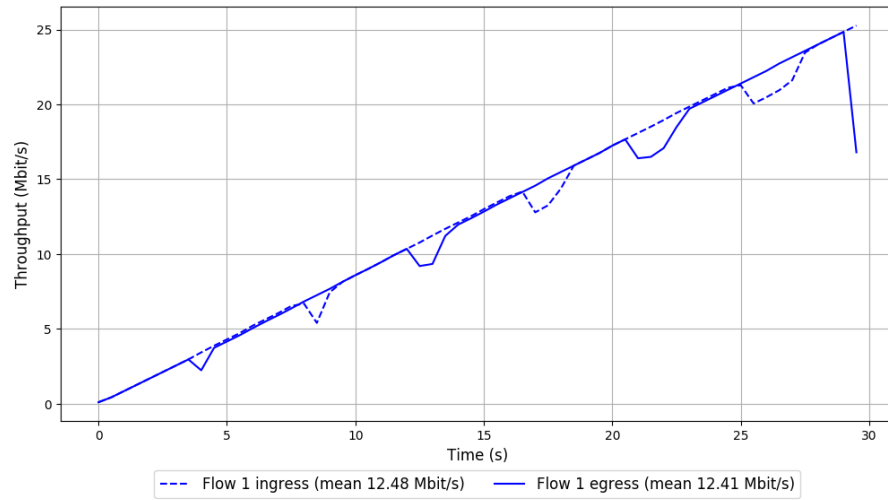


Run 3: Statistics of LEDBAT

Start at: 2018-02-27 11:41:42  
End at: 2018-02-27 11:42:12  
Local clock offset: -4.716 ms  
Remote clock offset: -6.081 ms

# Below is generated by plot.py at 2018-02-27 18:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.41 Mbit/s  
95th percentile per-packet one-way delay: 87.515 ms  
Loss rate: 1.13%  
-- Flow 1:  
Average throughput: 12.41 Mbit/s  
95th percentile per-packet one-way delay: 87.515 ms  
Loss rate: 1.13%

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

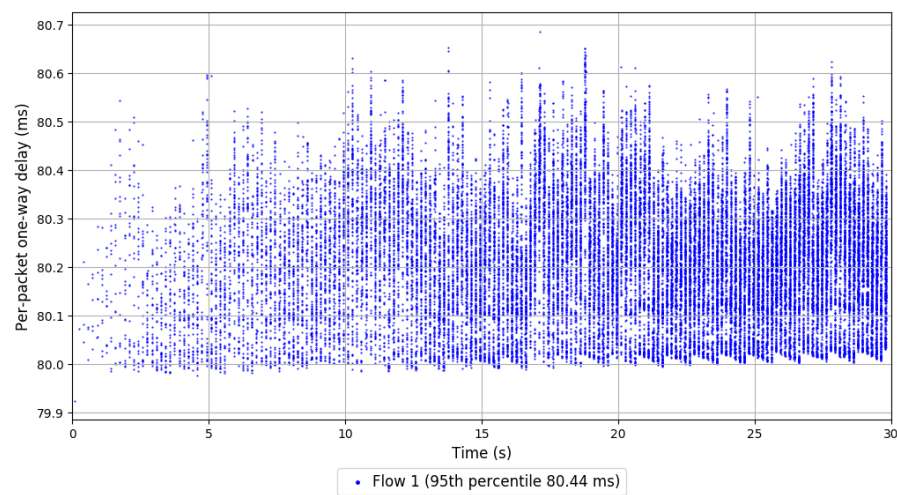
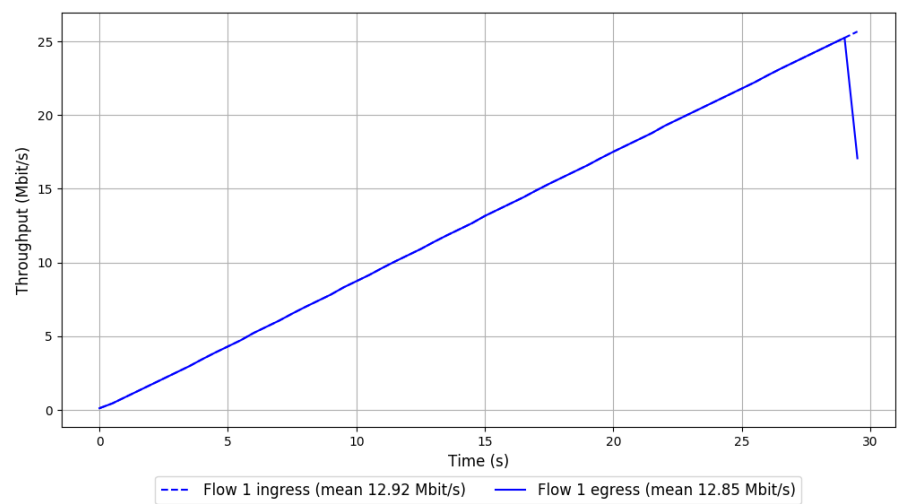


Run 4: Statistics of LEDBAT

Start at: 2018-02-27 12:03:43  
End at: 2018-02-27 12:04:14  
Local clock offset: -7.505 ms  
Remote clock offset: -0.069 ms

# Below is generated by plot.py at 2018-02-27 18:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.85 Mbit/s  
95th percentile per-packet one-way delay: 80.435 ms  
Loss rate: 1.11%  
-- Flow 1:  
Average throughput: 12.85 Mbit/s  
95th percentile per-packet one-way delay: 80.435 ms  
Loss rate: 1.11%

Run 4: Report of LEDBAT — Data Link



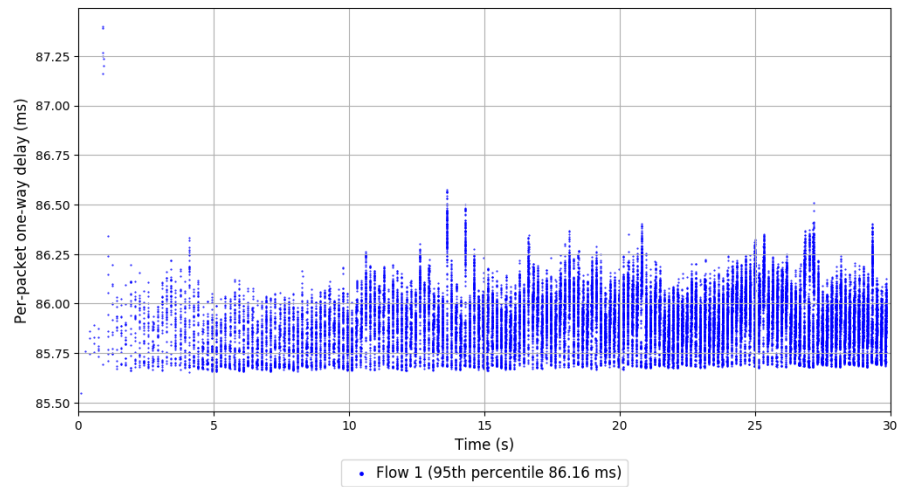
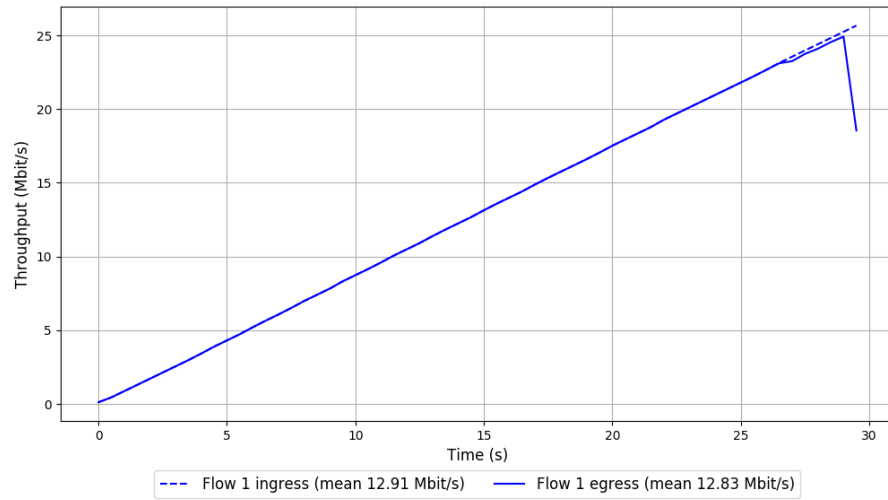
Run 5: Statistics of LEDBAT

Start at: 2018-02-27 12:25:45  
End at: 2018-02-27 12:26:15  
Local clock offset: -8.687 ms  
Remote clock offset: -5.533 ms

# Below is generated by plot.py at 2018-02-27 18:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.83 Mbit/s  
95th percentile per-packet one-way delay: 86.162 ms  
Loss rate: 1.11%  
-- Flow 1:  
Average throughput: 12.83 Mbit/s  
95th percentile per-packet one-way delay: 86.162 ms  
Loss rate: 1.11%



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

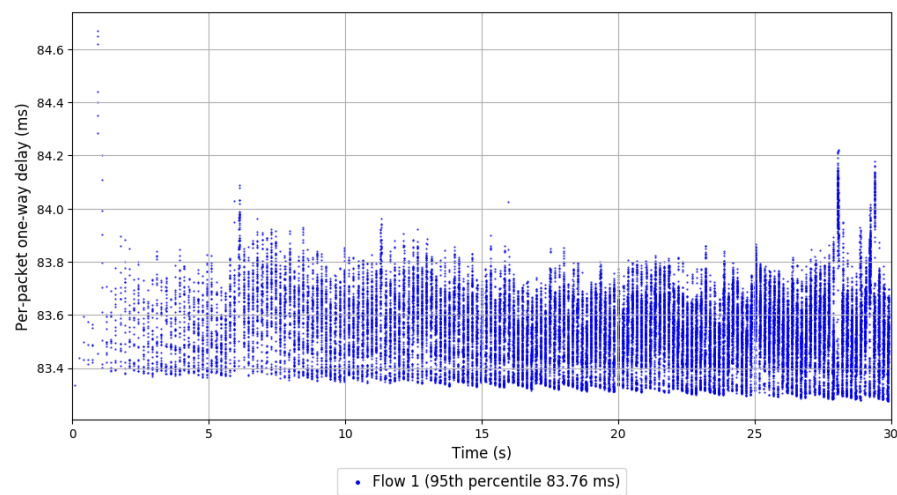
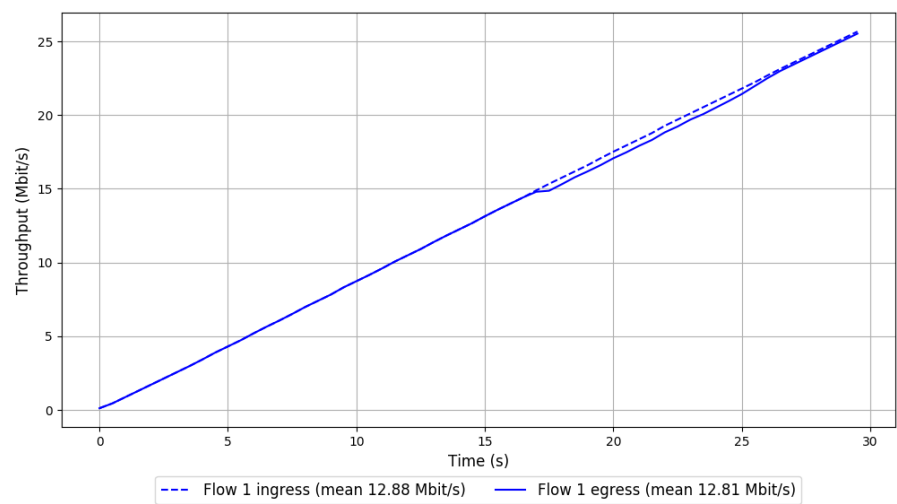


Run 6: Statistics of LEDBAT

Start at: 2018-02-27 12:47:45  
End at: 2018-02-27 12:48:15  
Local clock offset: -7.634 ms  
Remote clock offset: -4.449 ms

# Below is generated by plot.py at 2018-02-27 18:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.81 Mbit/s  
95th percentile per-packet one-way delay: 83.762 ms  
Loss rate: 1.11%  
-- Flow 1:  
Average throughput: 12.81 Mbit/s  
95th percentile per-packet one-way delay: 83.762 ms  
Loss rate: 1.11%

Run 6: Report of LEDBAT — Data Link

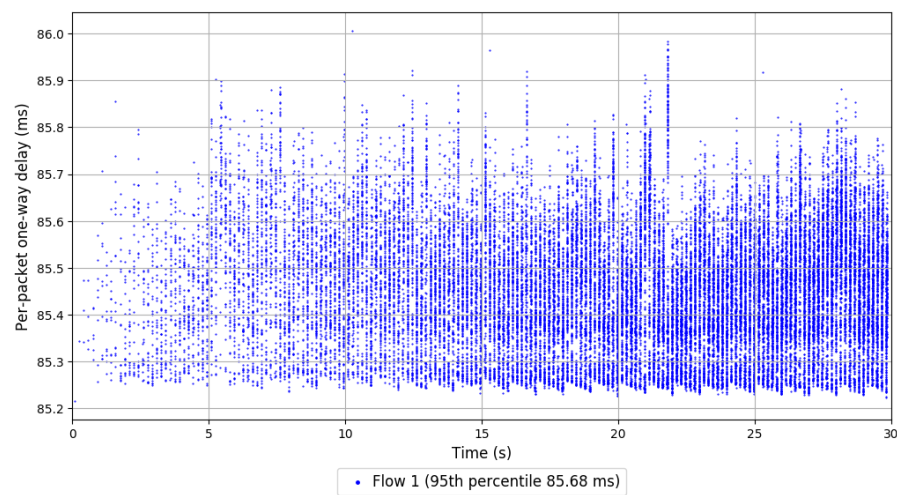
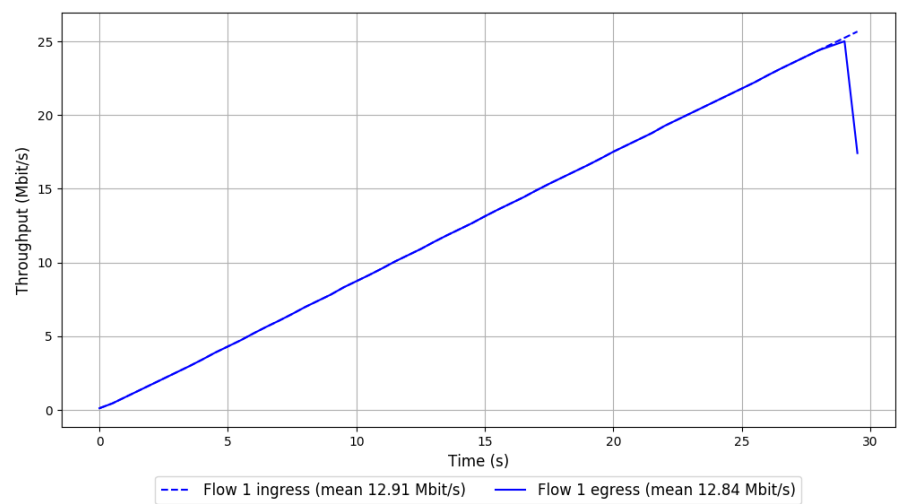


Run 7: Statistics of LEDBAT

Start at: 2018-02-27 13:09:45  
End at: 2018-02-27 13:10:16  
Local clock offset: -5.627 ms  
Remote clock offset: -6.072 ms

# Below is generated by plot.py at 2018-02-27 18:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.84 Mbit/s  
95th percentile per-packet one-way delay: 85.678 ms  
Loss rate: 1.11%  
-- Flow 1:  
Average throughput: 12.84 Mbit/s  
95th percentile per-packet one-way delay: 85.678 ms  
Loss rate: 1.11%

Run 7: Report of LEDBAT — Data Link

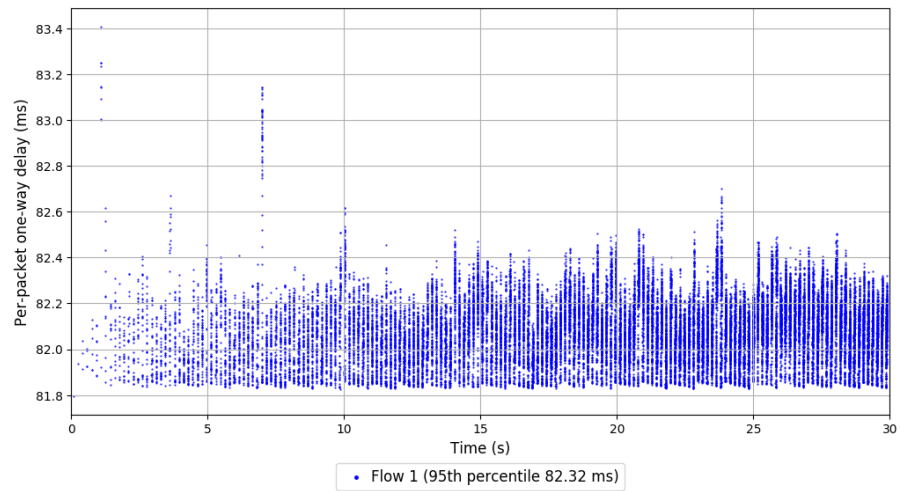
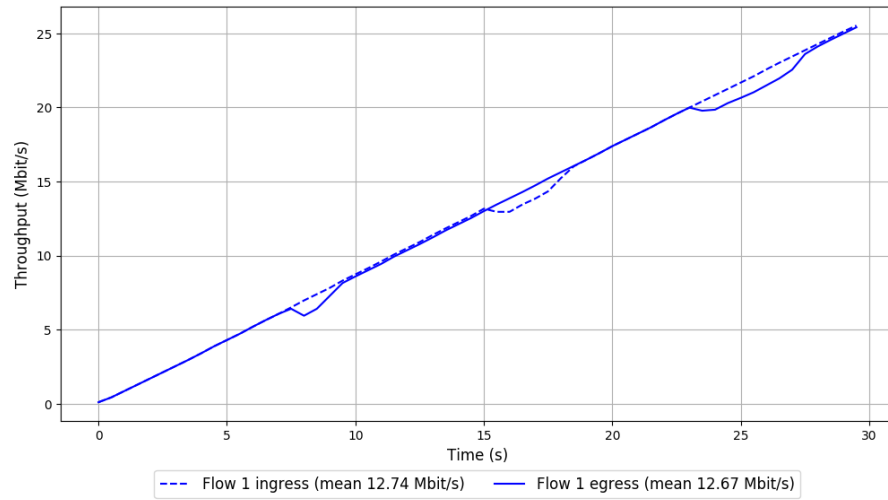


Run 8: Statistics of LEDBAT

Start at: 2018-02-27 13:31:46  
End at: 2018-02-27 13:32:16  
Local clock offset: -7.09 ms  
Remote clock offset: -1.568 ms

# Below is generated by plot.py at 2018-02-27 18:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.67 Mbit/s  
95th percentile per-packet one-way delay: 82.318 ms  
Loss rate: 1.12%  
-- Flow 1:  
Average throughput: 12.67 Mbit/s  
95th percentile per-packet one-way delay: 82.318 ms  
Loss rate: 1.12%

# Run 8: Report of LEDBAT — Data Link



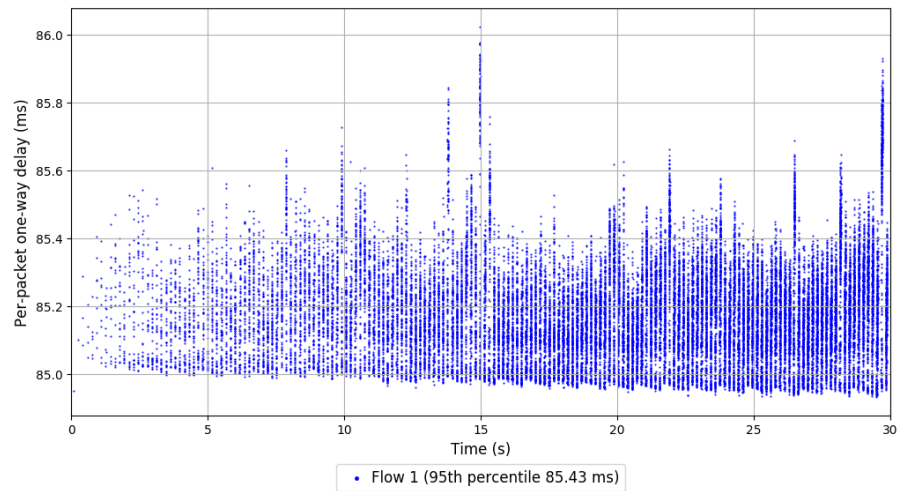
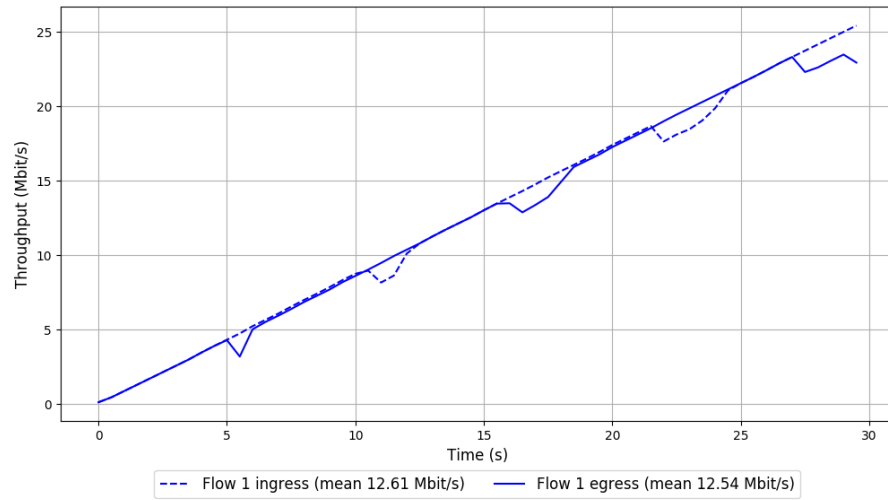
Run 9: Statistics of LEDBAT

Start at: 2018-02-27 13:54:09  
End at: 2018-02-27 13:54:39  
Local clock offset: -6.948 ms  
Remote clock offset: -6.003 ms

# Below is generated by plot.py at 2018-02-27 18:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.54 Mbit/s  
95th percentile per-packet one-way delay: 85.428 ms  
Loss rate: 1.13%  
-- Flow 1:  
Average throughput: 12.54 Mbit/s  
95th percentile per-packet one-way delay: 85.428 ms  
Loss rate: 1.13%



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

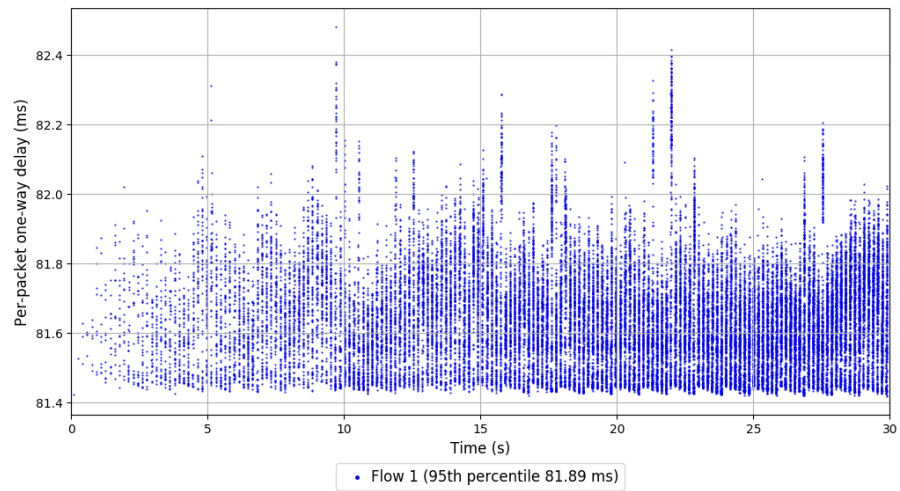
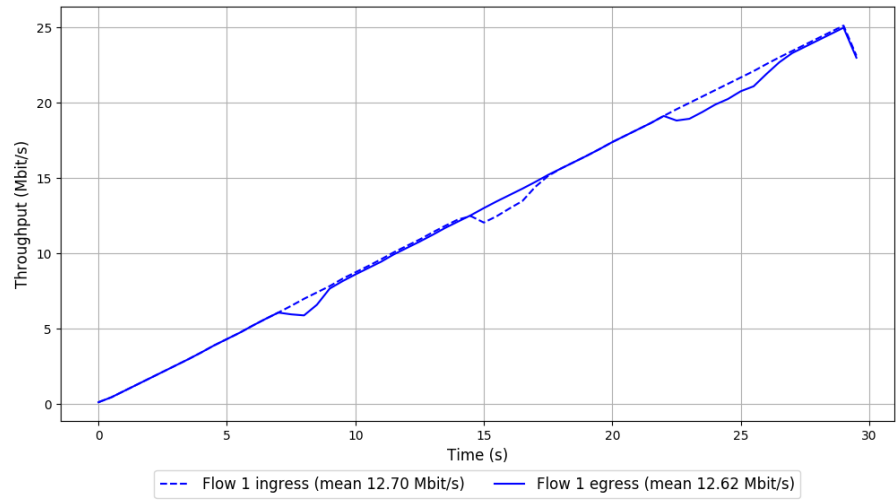


Run 10: Statistics of LEDBAT

Start at: 2018-02-27 14:16:21  
End at: 2018-02-27 14:16:51  
Local clock offset: -5.716 ms  
Remote clock offset: -0.634 ms

# Below is generated by plot.py at 2018-02-27 18:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.62 Mbit/s  
95th percentile per-packet one-way delay: 81.887 ms  
Loss rate: 1.12%  
-- Flow 1:  
Average throughput: 12.62 Mbit/s  
95th percentile per-packet one-way delay: 81.887 ms  
Loss rate: 1.12%

# Run 10: Report of LEDBAT — Data Link

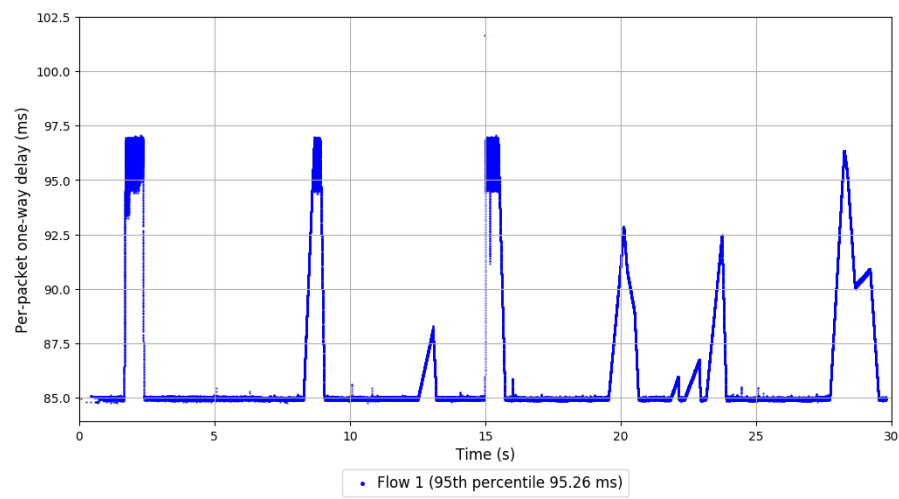
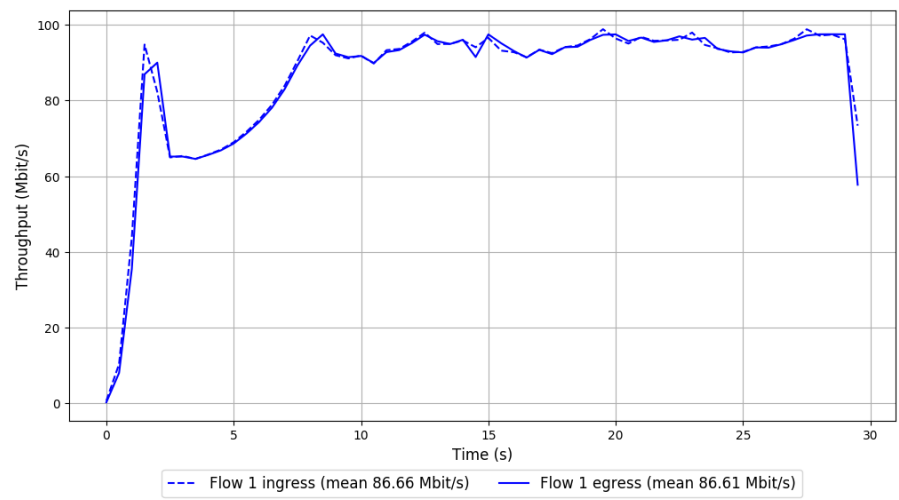


Run 1: Statistics of PCC

Start at: 2018-02-27 11:14:51  
End at: 2018-02-27 11:15:21  
Local clock offset: -2.365 ms  
Remote clock offset: -5.369 ms

# Below is generated by plot.py at 2018-02-27 18:25:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.61 Mbit/s  
95th percentile per-packet one-way delay: 95.257 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 86.61 Mbit/s  
95th percentile per-packet one-way delay: 95.257 ms  
Loss rate: 0.62%

Run 1: Report of PCC — Data Link

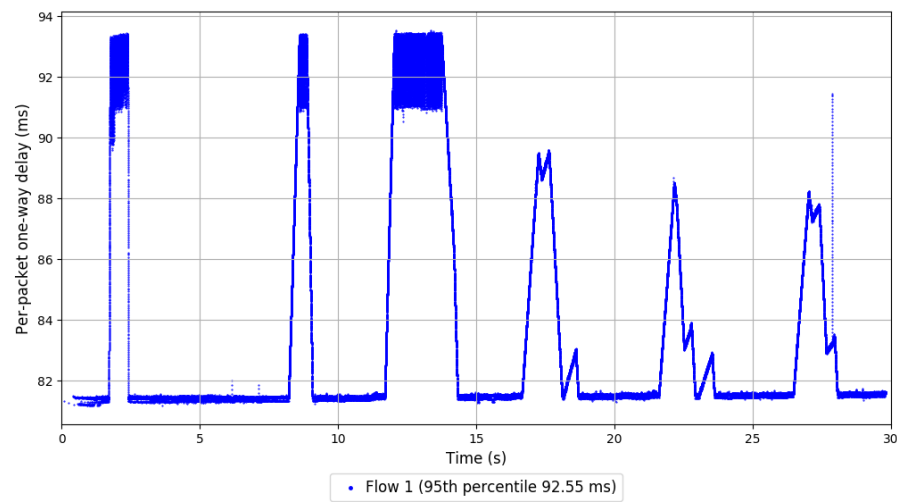
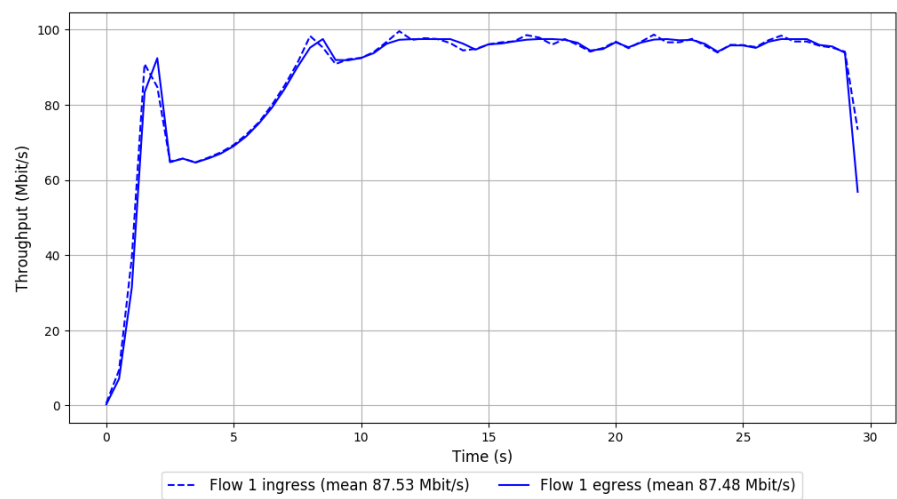


Run 2: Statistics of PCC

Start at: 2018-02-27 11:36:52  
End at: 2018-02-27 11:37:22  
Local clock offset: -3.266 ms  
Remote clock offset: -0.535 ms

# Below is generated by plot.py at 2018-02-27 18:25:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.48 Mbit/s  
95th percentile per-packet one-way delay: 92.549 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 87.48 Mbit/s  
95th percentile per-packet one-way delay: 92.549 ms  
Loss rate: 0.61%

Run 2: Report of PCC — Data Link



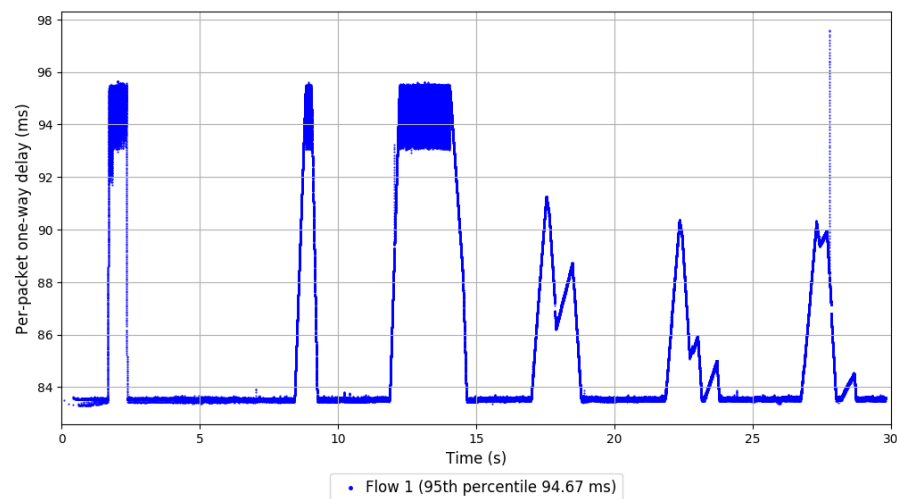
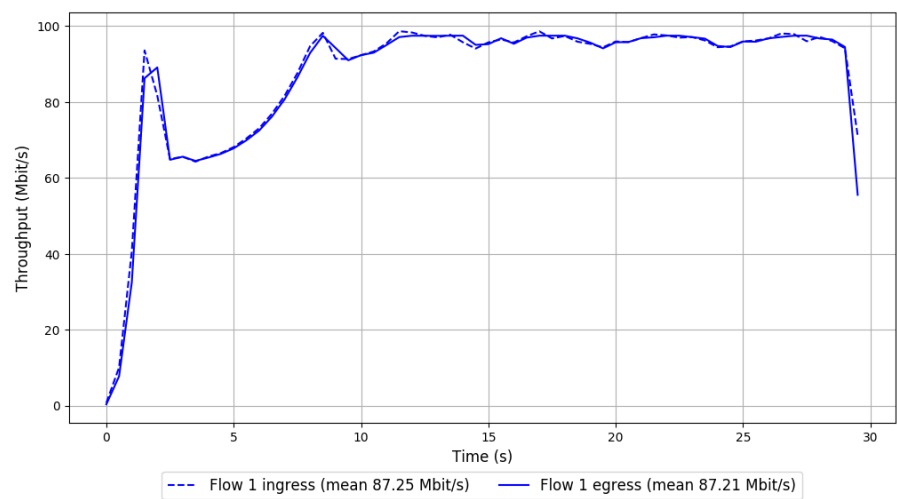
Run 3: Statistics of PCC

Start at: 2018-02-27 11:58:53  
End at: 2018-02-27 11:59:23  
Local clock offset: -7.17 ms  
Remote clock offset: -4.994 ms

# Below is generated by plot.py at 2018-02-27 18:25:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.21 Mbit/s  
95th percentile per-packet one-way delay: 94.667 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 87.21 Mbit/s  
95th percentile per-packet one-way delay: 94.667 ms  
Loss rate: 0.60%



Run 3: Report of PCC — Data Link

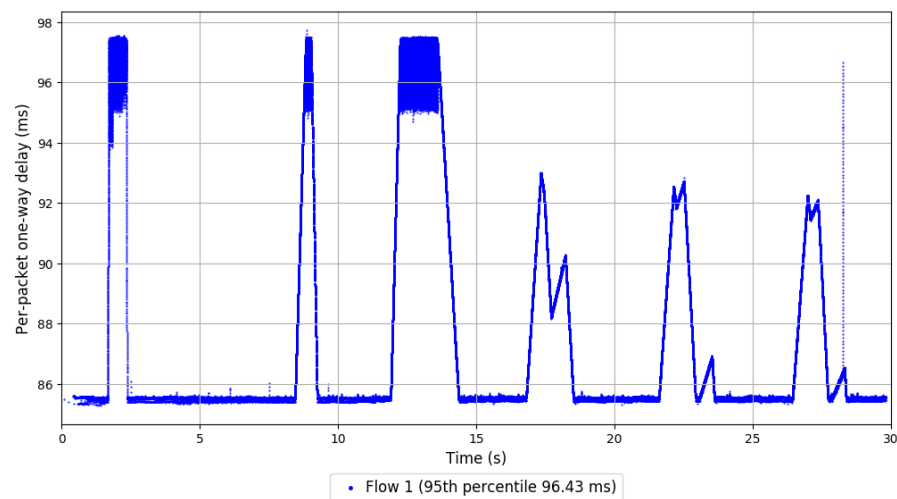
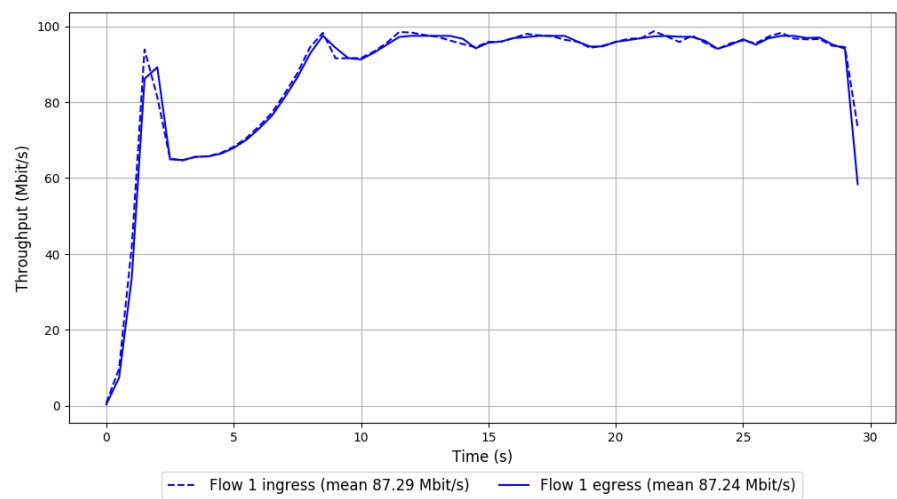


Run 4: Statistics of PCC

Start at: 2018-02-27 12:20:54  
End at: 2018-02-27 12:21:24  
Local clock offset: -8.399 ms  
Remote clock offset: -5.642 ms

# Below is generated by plot.py at 2018-02-27 18:25:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.24 Mbit/s  
95th percentile per-packet one-way delay: 96.430 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 87.24 Mbit/s  
95th percentile per-packet one-way delay: 96.430 ms  
Loss rate: 0.61%

Run 4: Report of PCC — Data Link

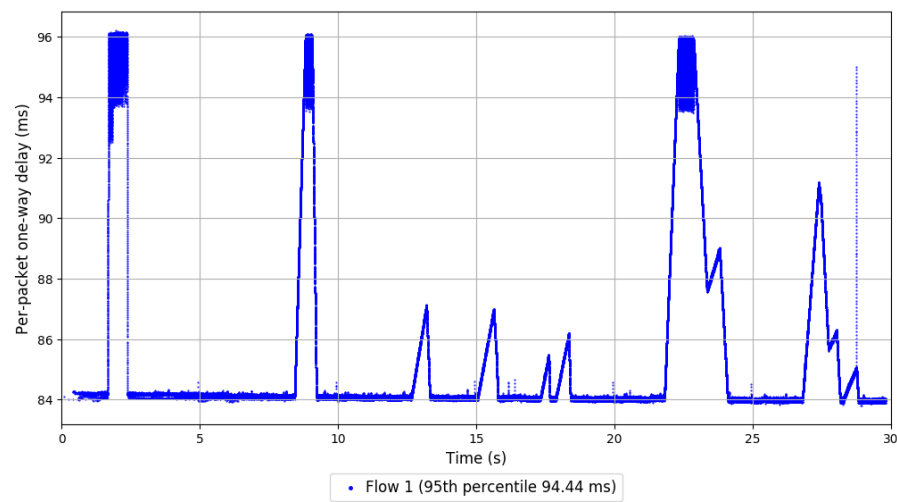
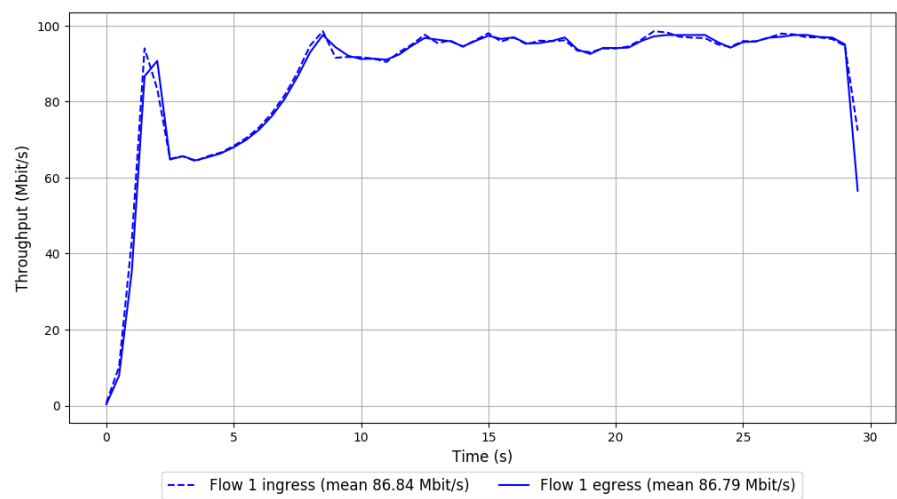


Run 5: Statistics of PCC

Start at: 2018-02-27 12:42:55  
End at: 2018-02-27 12:43:25  
Local clock offset: -9.14 ms  
Remote clock offset: -5.326 ms

# Below is generated by plot.py at 2018-02-27 18:26:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.79 Mbit/s  
95th percentile per-packet one-way delay: 94.438 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 86.79 Mbit/s  
95th percentile per-packet one-way delay: 94.438 ms  
Loss rate: 0.61%

Run 5: Report of PCC — Data Link

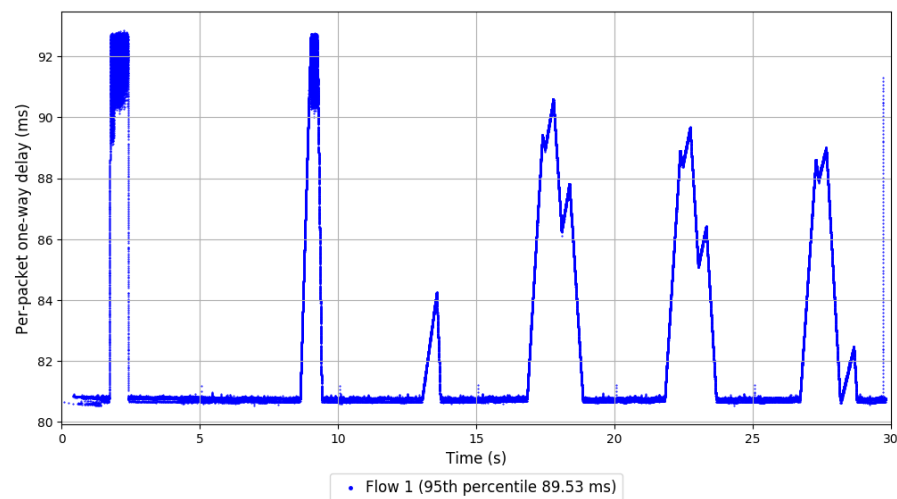
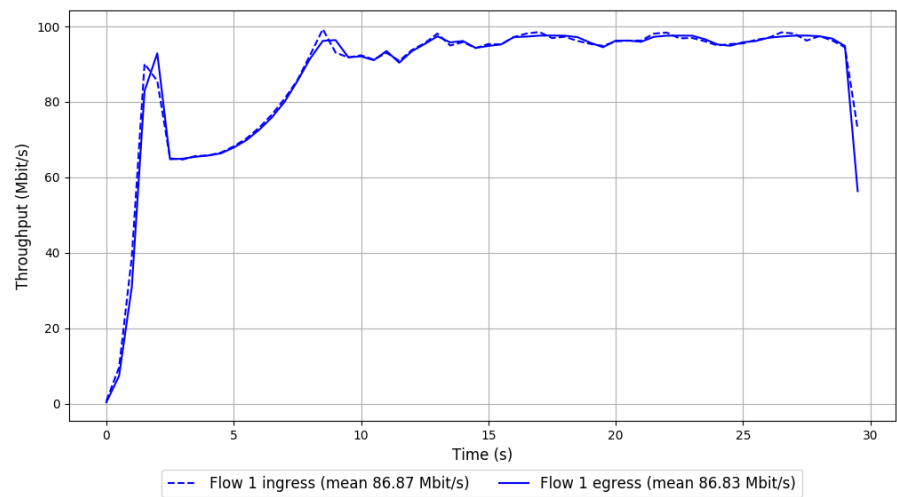


Run 6: Statistics of PCC

Start at: 2018-02-27 13:04:55  
End at: 2018-02-27 13:05:25  
Local clock offset: -5.761 ms  
Remote clock offset: -1.109 ms

# Below is generated by plot.py at 2018-02-27 18:26:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.83 Mbit/s  
95th percentile per-packet one-way delay: 89.532 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 86.83 Mbit/s  
95th percentile per-packet one-way delay: 89.532 ms  
Loss rate: 0.61%

Run 6: Report of PCC — Data Link



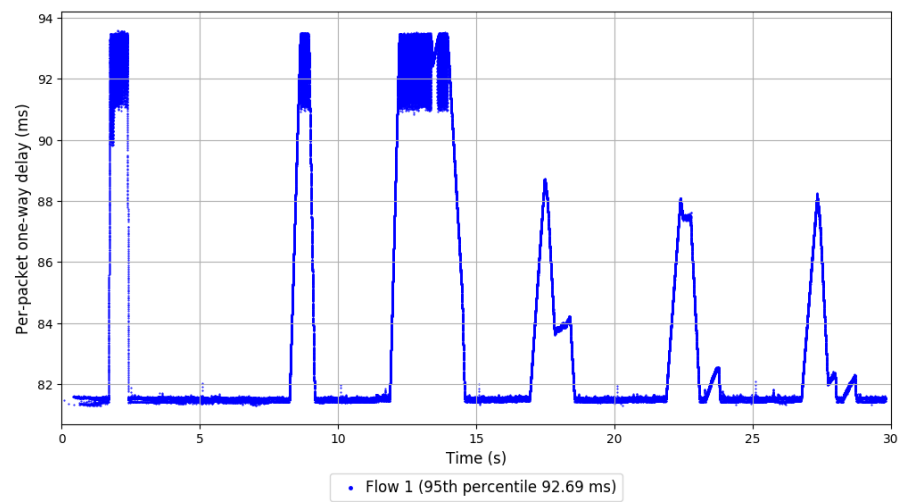
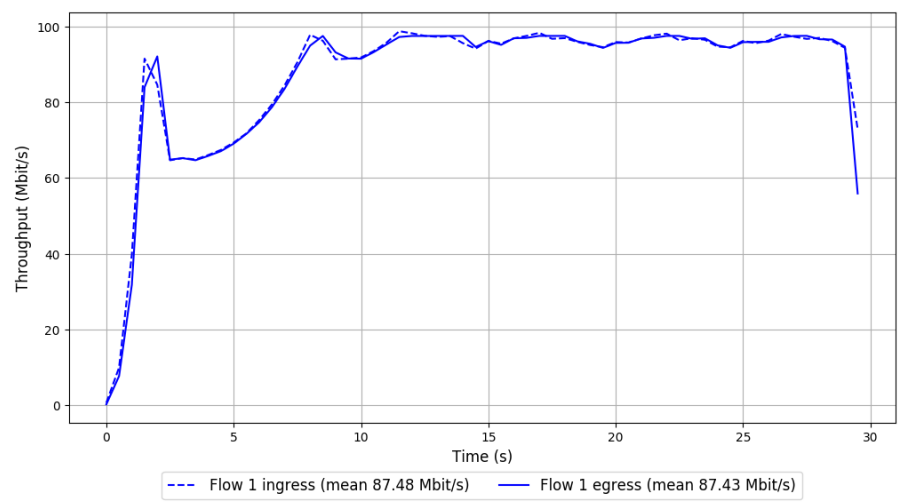
Run 7: Statistics of PCC

Start at: 2018-02-27 13:26:55  
End at: 2018-02-27 13:27:25  
Local clock offset: -6.799 ms  
Remote clock offset: -0.636 ms

# Below is generated by plot.py at 2018-02-27 18:26:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.43 Mbit/s  
95th percentile per-packet one-way delay: 92.695 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 87.43 Mbit/s  
95th percentile per-packet one-way delay: 92.695 ms  
Loss rate: 0.62%



Run 7: Report of PCC — Data Link

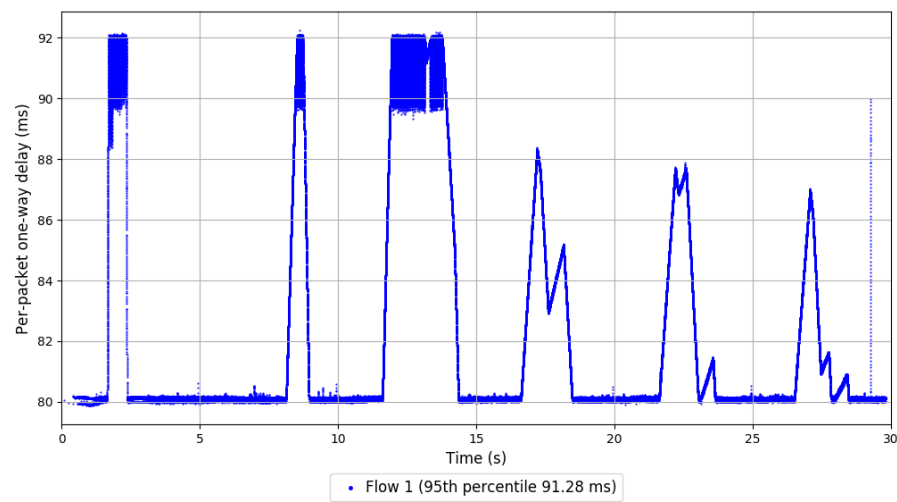
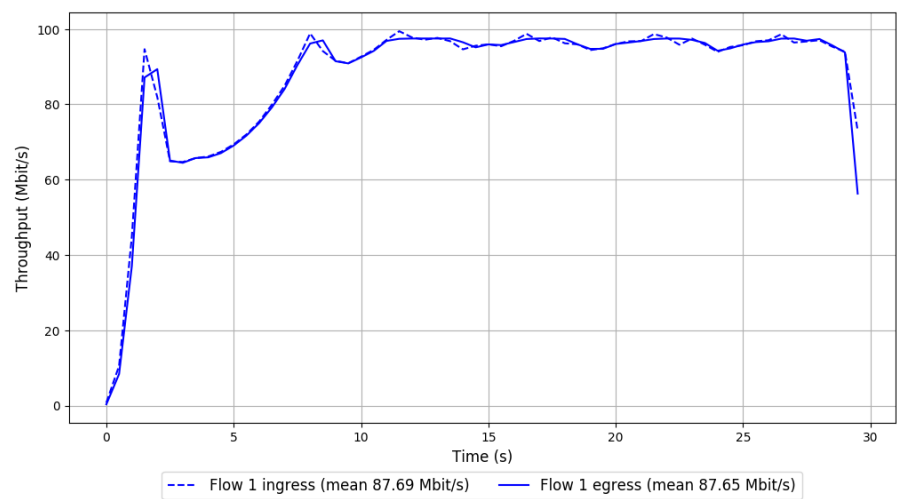


Run 8: Statistics of PCC

Start at: 2018-02-27 13:49:18  
End at: 2018-02-27 13:49:48  
Local clock offset: -7.585 ms  
Remote clock offset: -1.181 ms

# Below is generated by plot.py at 2018-02-27 18:26:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.65 Mbit/s  
95th percentile per-packet one-way delay: 91.282 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 87.65 Mbit/s  
95th percentile per-packet one-way delay: 91.282 ms  
Loss rate: 0.61%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-02-27 14:11:18

End at: 2018-02-27 14:11:48

Local clock offset: -5.855 ms

Remote clock offset: -0.66 ms

# Below is generated by plot.py at 2018-02-27 18:27:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.60 Mbit/s

95th percentile per-packet one-way delay: 89.757 ms

Loss rate: 0.61%

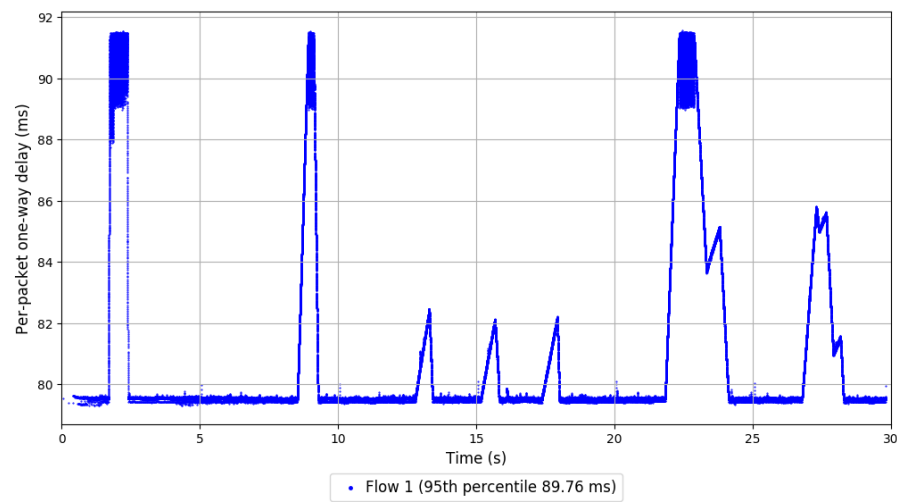
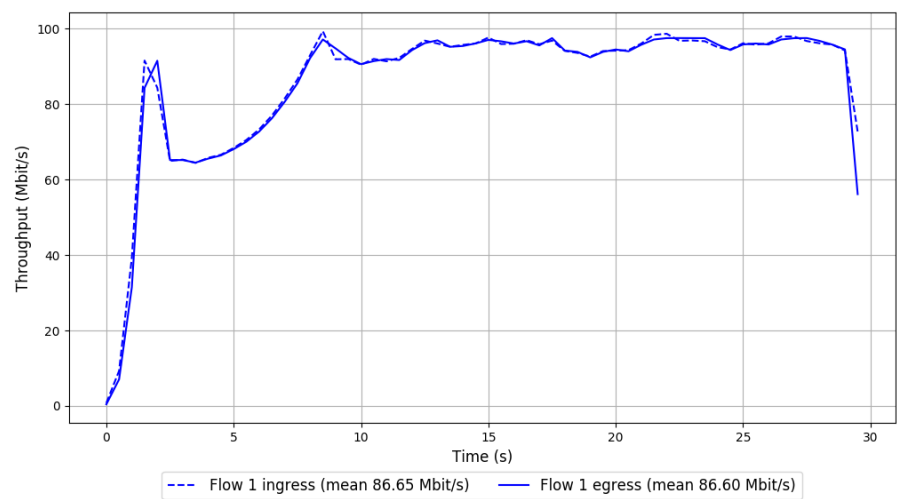
-- Flow 1:

Average throughput: 86.60 Mbit/s

95th percentile per-packet one-way delay: 89.757 ms

Loss rate: 0.61%

Run 9: Report of PCC — Data Link

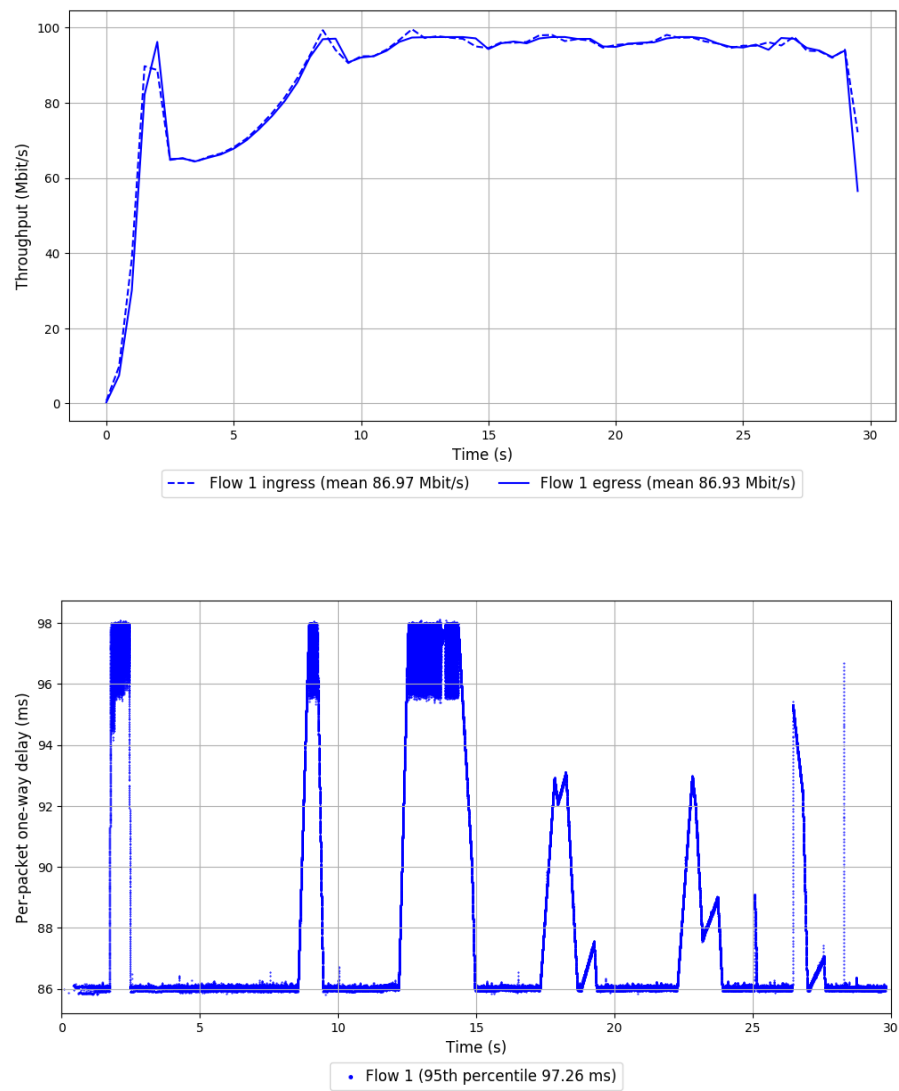


Run 10: Statistics of PCC

Start at: 2018-02-27 14:33:32  
End at: 2018-02-27 14:34:02  
Local clock offset: -5.437 ms  
Remote clock offset: -6.175 ms

# Below is generated by plot.py at 2018-02-27 18:27:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.93 Mbit/s  
95th percentile per-packet one-way delay: 97.256 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 86.93 Mbit/s  
95th percentile per-packet one-way delay: 97.256 ms  
Loss rate: 0.61%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-02-27 11:05:09

End at: 2018-02-27 11:05:39

Local clock offset: -2.631 ms

Remote clock offset: -1.403 ms

# Below is generated by plot.py at 2018-02-27 18:27:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.78 Mbit/s

95th percentile per-packet one-way delay: 91.559 ms

Loss rate: 0.92%

-- Flow 1:

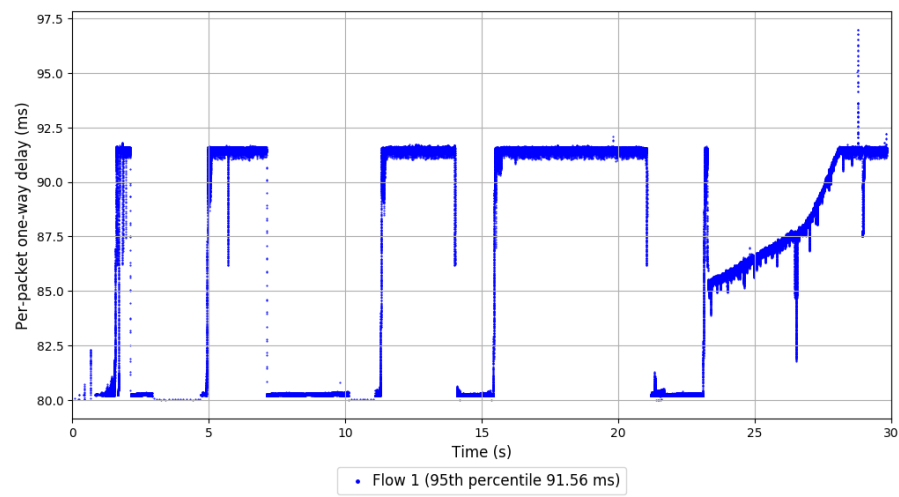
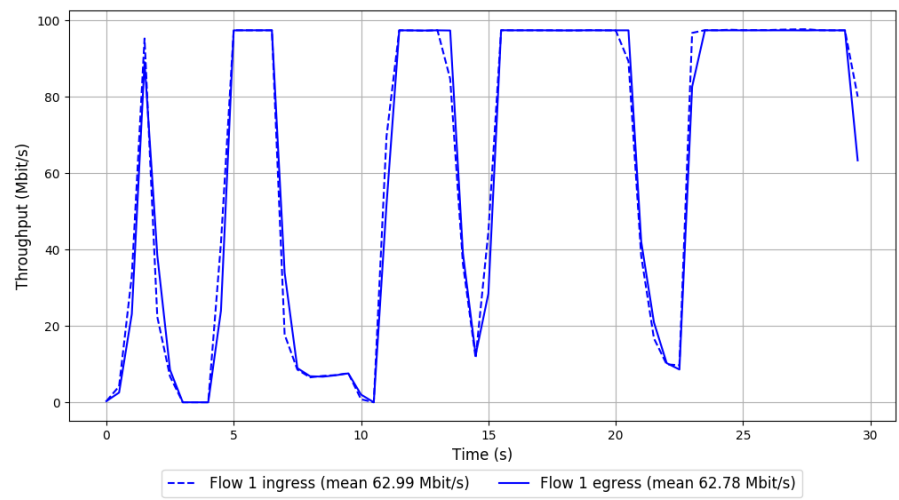
Average throughput: 62.78 Mbit/s

95th percentile per-packet one-way delay: 91.559 ms

Loss rate: 0.92%



Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-27 11:27:07

End at: 2018-02-27 11:27:37

Local clock offset: -1.979 ms

Remote clock offset: -5.439 ms

# Below is generated by plot.py at 2018-02-27 18:27:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.66 Mbit/s

95th percentile per-packet one-way delay: 95.842 ms

Loss rate: 0.85%

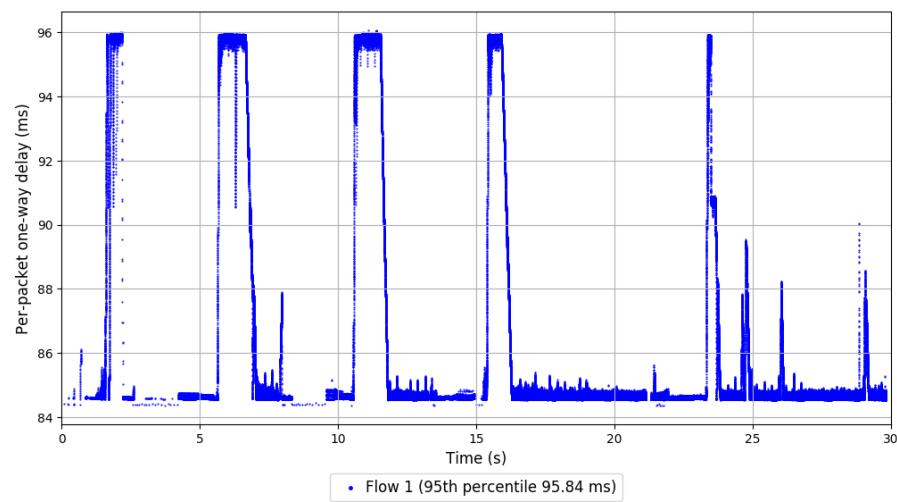
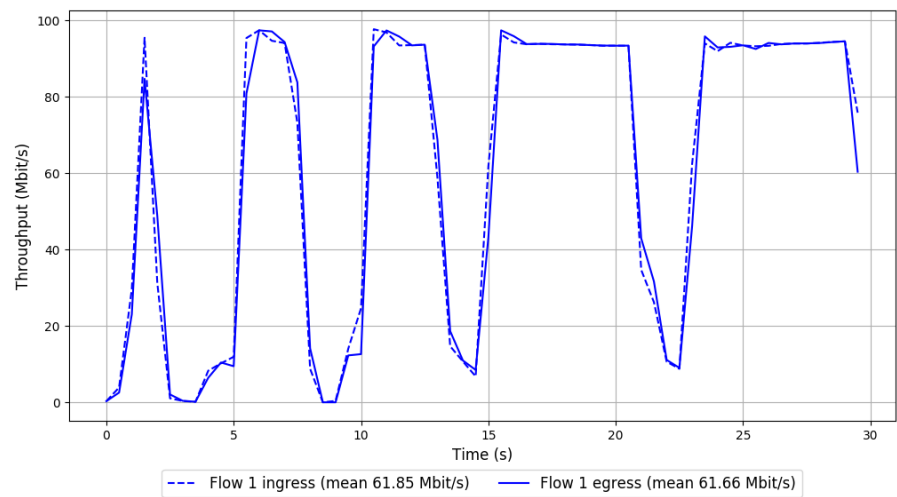
-- Flow 1:

Average throughput: 61.66 Mbit/s

95th percentile per-packet one-way delay: 95.842 ms

Loss rate: 0.85%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-27 11:49:08

End at: 2018-02-27 11:49:38

Local clock offset: -6.074 ms

Remote clock offset: 0.578 ms

# Below is generated by plot.py at 2018-02-27 18:27:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.30 Mbit/s

95th percentile per-packet one-way delay: 89.262 ms

Loss rate: 0.82%

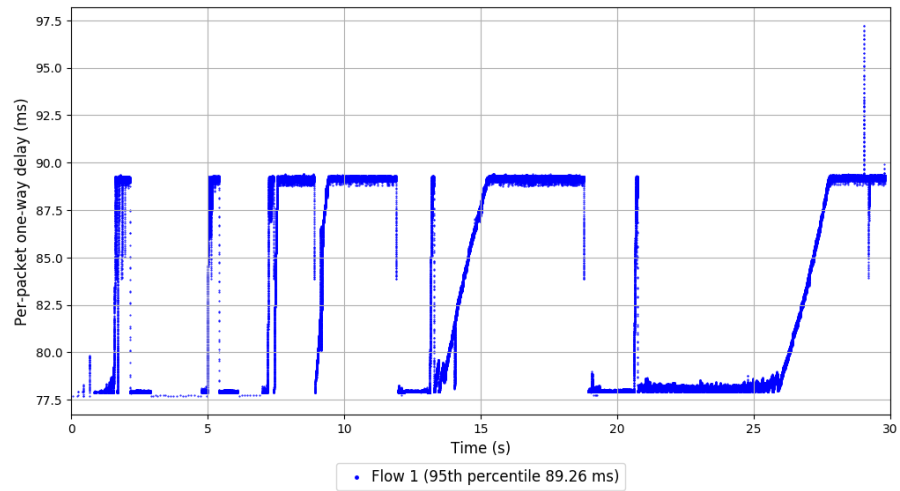
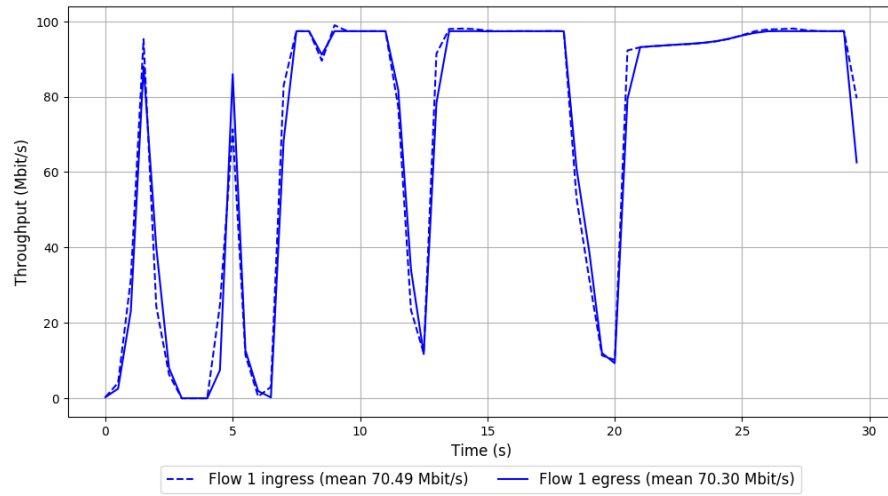
-- Flow 1:

Average throughput: 70.30 Mbit/s

95th percentile per-packet one-way delay: 89.262 ms

Loss rate: 0.82%

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



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-27 12:11:09

End at: 2018-02-27 12:11:39

Local clock offset: -7.907 ms

Remote clock offset: -0.875 ms

# Below is generated by plot.py at 2018-02-27 18:27:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.22 Mbit/s

95th percentile per-packet one-way delay: 90.427 ms

Loss rate: 0.86%

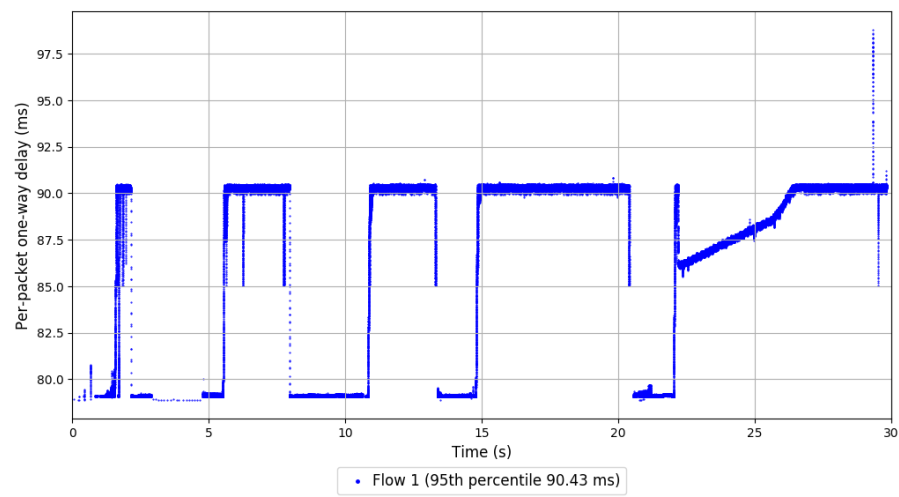
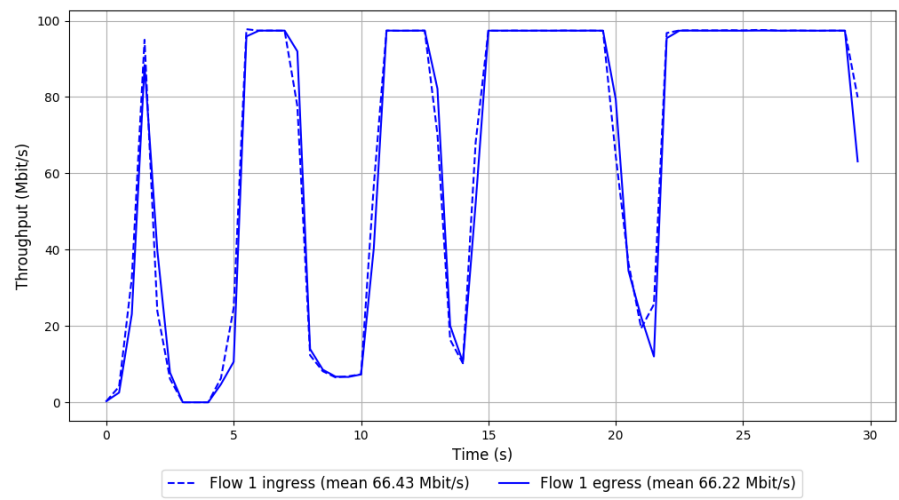
-- Flow 1:

Average throughput: 66.22 Mbit/s

95th percentile per-packet one-way delay: 90.427 ms

Loss rate: 0.86%

Run 4: Report of QUIC Cubic — Data Link



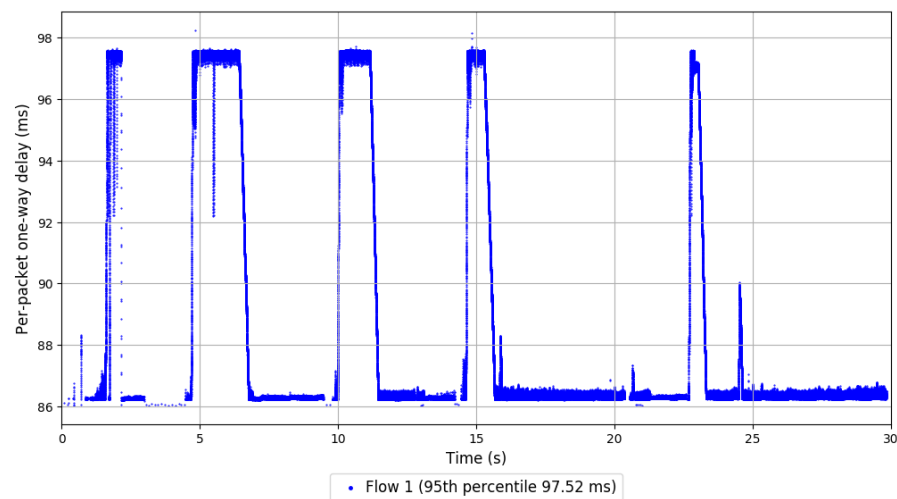
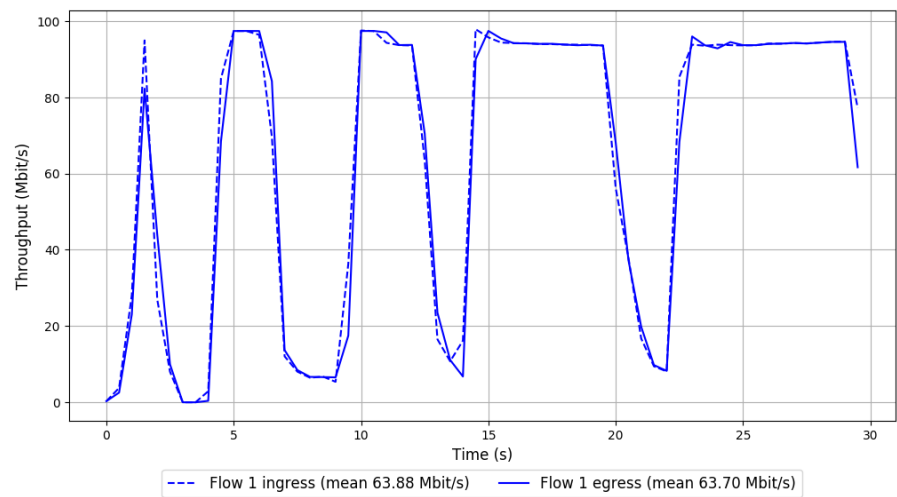
Run 5: Statistics of QUIC Cubic

Start at: 2018-02-27 12:33:10  
End at: 2018-02-27 12:33:40  
Local clock offset: -9.105 ms  
Remote clock offset: -4.624 ms

# Below is generated by plot.py at 2018-02-27 18:27:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 63.70 Mbit/s  
95th percentile per-packet one-way delay: 97.516 ms  
Loss rate: 0.83%  
-- Flow 1:  
Average throughput: 63.70 Mbit/s  
95th percentile per-packet one-way delay: 97.516 ms  
Loss rate: 0.83%



Run 5: Report of QUIC Cubic — Data Link

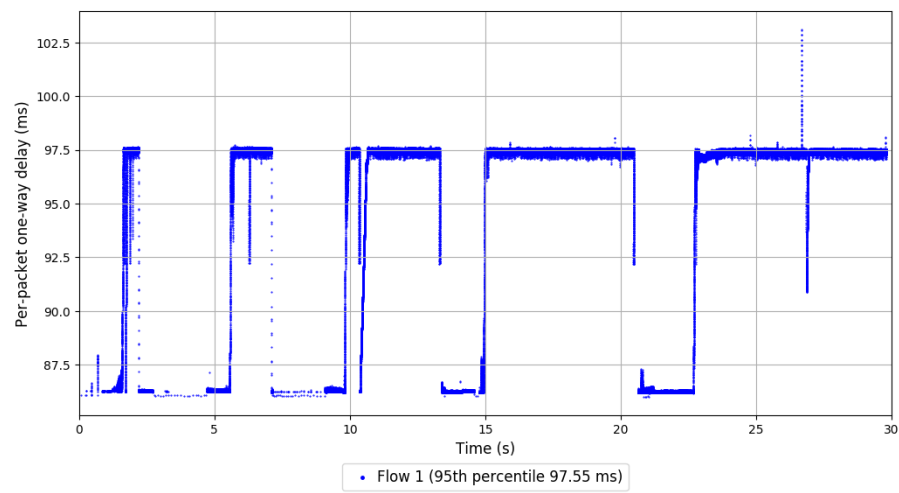
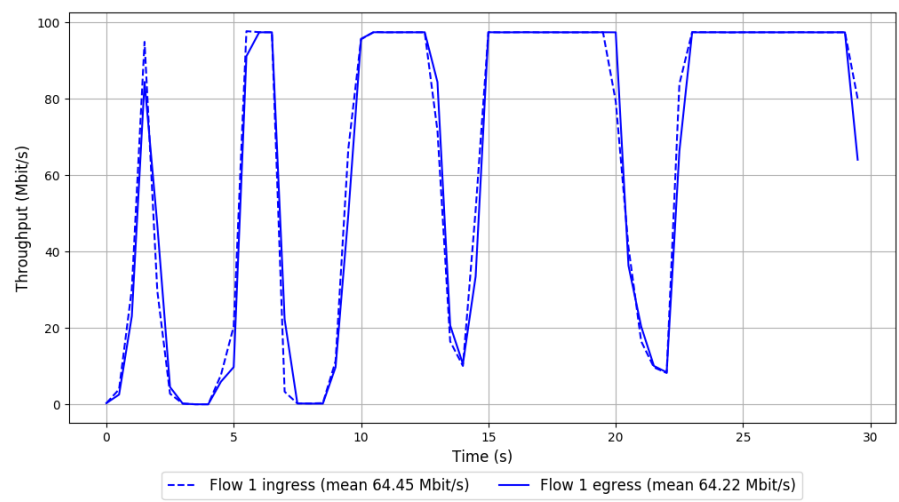


Run 6: Statistics of QUIC Cubic

Start at: 2018-02-27 12:55:10  
End at: 2018-02-27 12:55:40  
Local clock offset: -6.375 ms  
Remote clock offset: -4.883 ms

# Below is generated by plot.py at 2018-02-27 18:27:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 64.22 Mbit/s  
95th percentile per-packet one-way delay: 97.553 ms  
Loss rate: 0.91%  
-- Flow 1:  
Average throughput: 64.22 Mbit/s  
95th percentile per-packet one-way delay: 97.553 ms  
Loss rate: 0.91%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-02-27 13:17:10

End at: 2018-02-27 13:17:40

Local clock offset: -5.72 ms

Remote clock offset: -0.472 ms

# Below is generated by plot.py at 2018-02-27 18:28:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.37 Mbit/s

95th percentile per-packet one-way delay: 91.535 ms

Loss rate: 0.87%

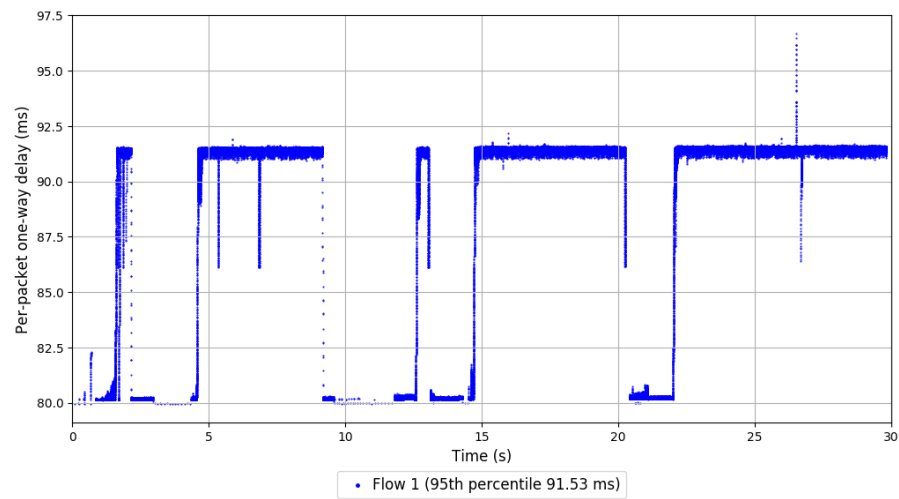
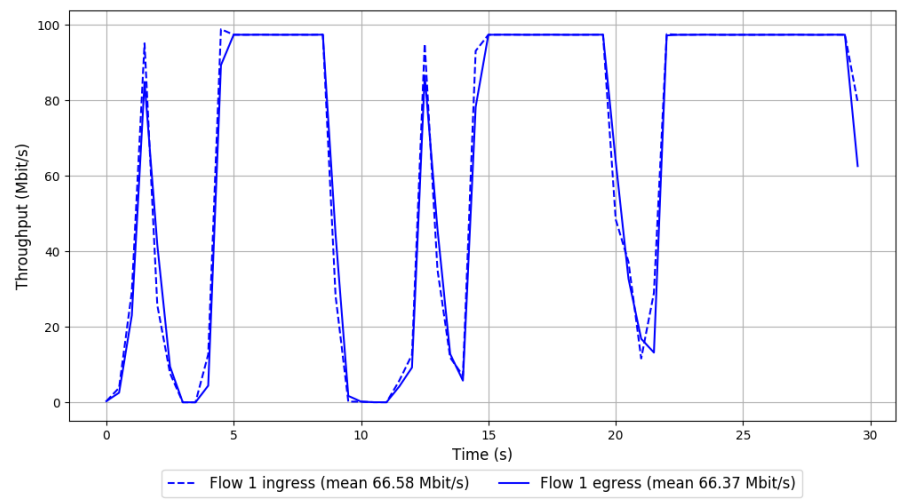
-- Flow 1:

Average throughput: 66.37 Mbit/s

95th percentile per-packet one-way delay: 91.535 ms

Loss rate: 0.87%

Run 7: Report of QUIC Cubic — Data Link

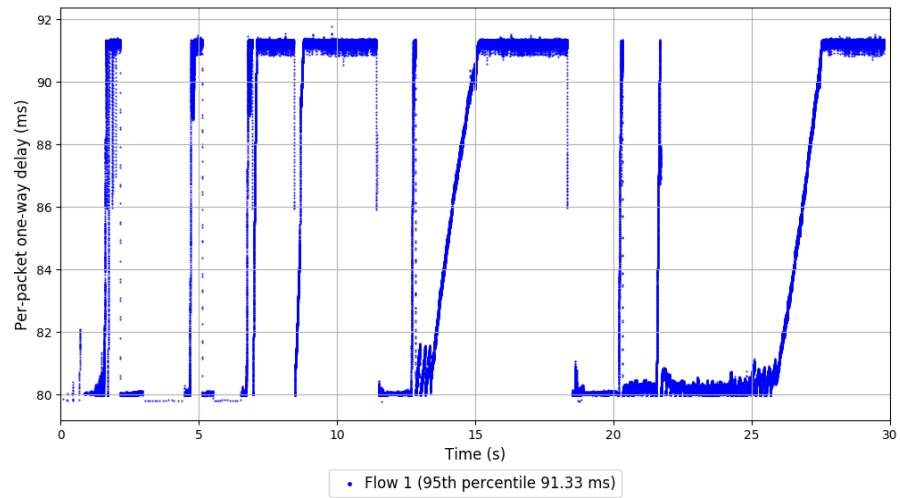
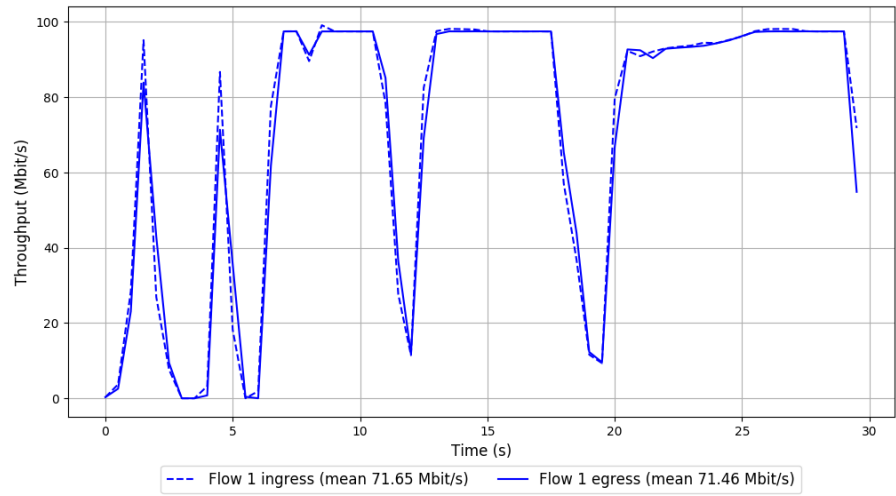


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-27 13:39:33  
End at: 2018-02-27 13:40:03  
Local clock offset: -7.359 ms  
Remote clock offset: -0.943 ms

# Below is generated by plot.py at 2018-02-27 18:28:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 71.46 Mbit/s  
95th percentile per-packet one-way delay: 91.325 ms  
Loss rate: 0.81%  
-- Flow 1:  
Average throughput: 71.46 Mbit/s  
95th percentile per-packet one-way delay: 91.325 ms  
Loss rate: 0.81%

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



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-27 14:01:34

End at: 2018-02-27 14:02:04

Local clock offset: -6.274 ms

Remote clock offset: -5.836 ms

# Below is generated by plot.py at 2018-02-27 18:28:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.36 Mbit/s

95th percentile per-packet one-way delay: 97.499 ms

Loss rate: 0.80%

-- Flow 1:

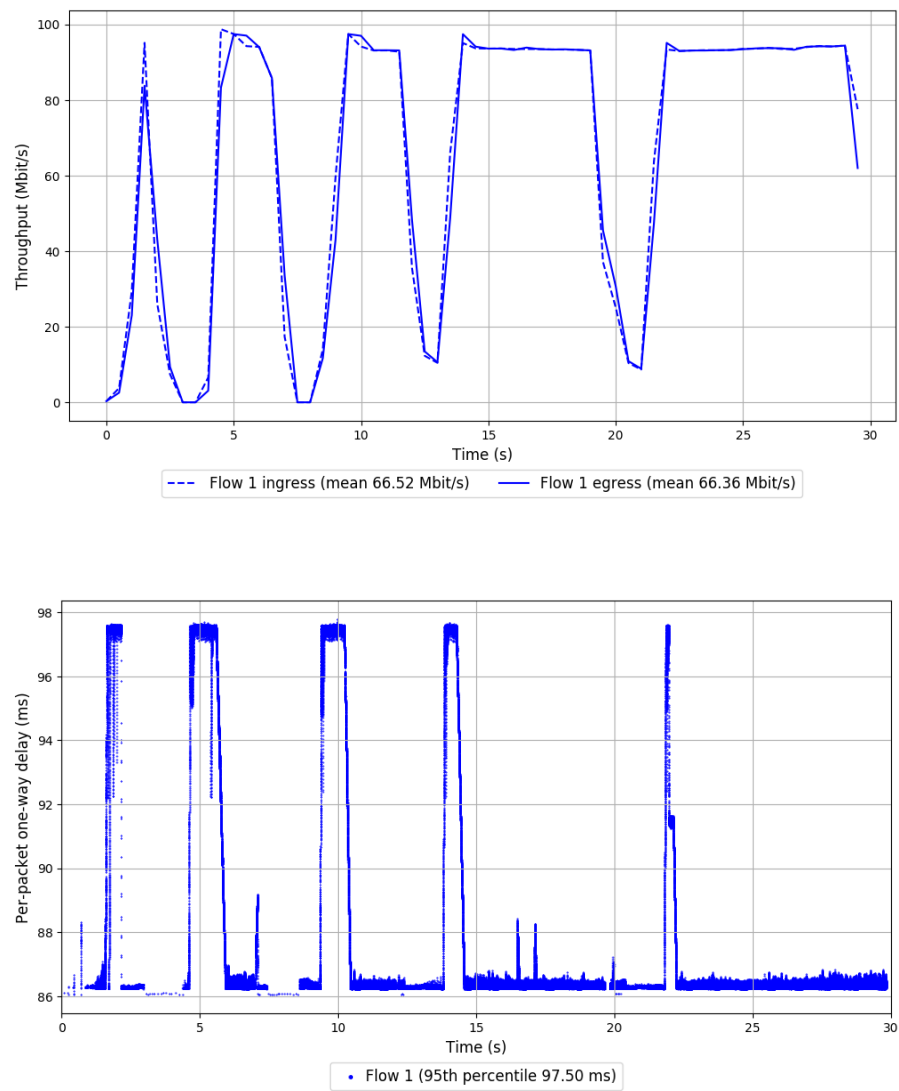
Average throughput: 66.36 Mbit/s

95th percentile per-packet one-way delay: 97.499 ms

Loss rate: 0.80%



Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-27 14:23:47

End at: 2018-02-27 14:24:17

Local clock offset: -5.565 ms

Remote clock offset: -0.543 ms

# Below is generated by plot.py at 2018-02-27 18:28:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.41 Mbit/s

95th percentile per-packet one-way delay: 92.301 ms

Loss rate: 0.93%

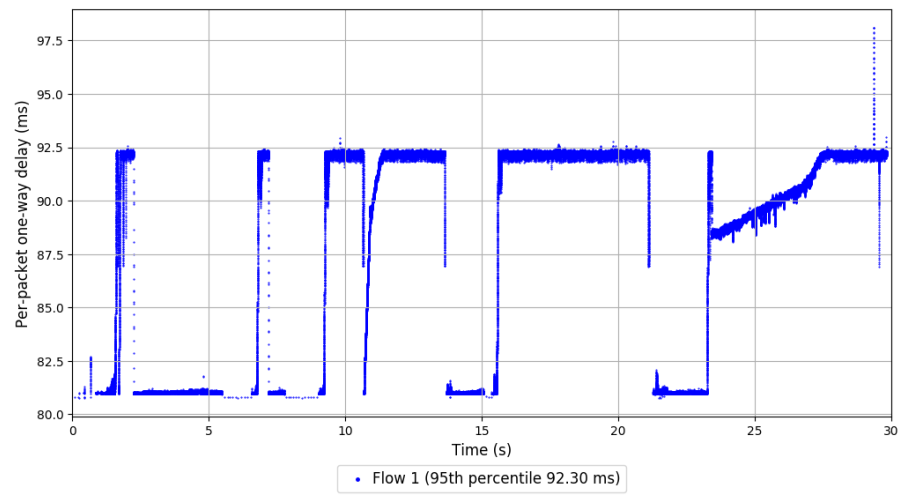
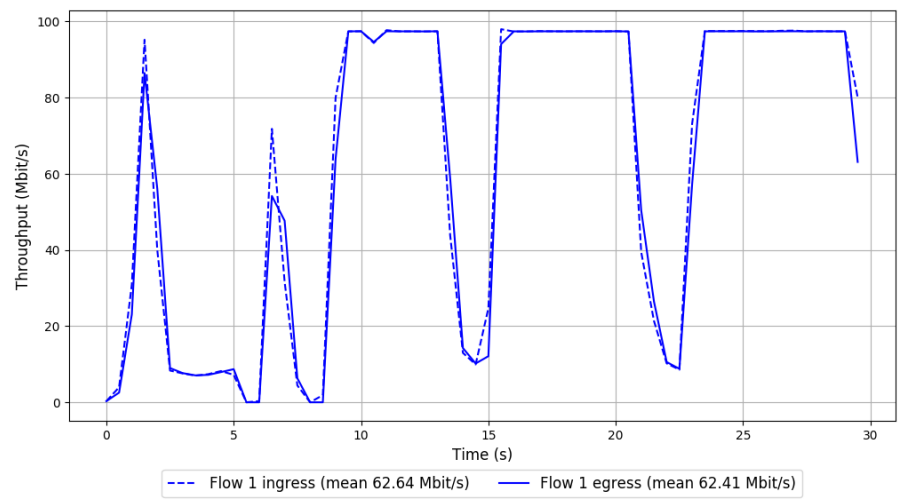
-- Flow 1:

Average throughput: 62.41 Mbit/s

95th percentile per-packet one-way delay: 92.301 ms

Loss rate: 0.93%

Run 10: Report of QUIC Cubic — Data Link

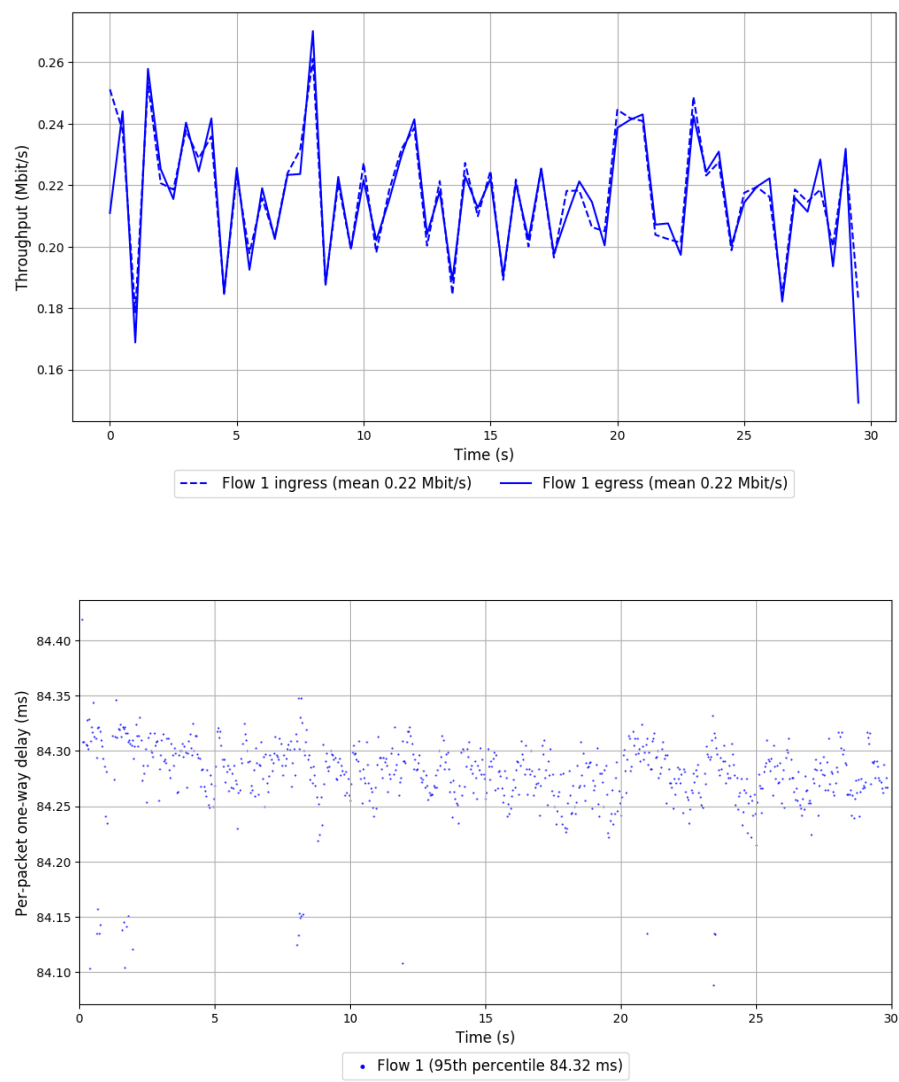


Run 1: Statistics of SCReAM

Start at: 2018-02-27 11:17:20  
End at: 2018-02-27 11:17:50  
Local clock offset: -2.355 ms  
Remote clock offset: -6.267 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.316 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.316 ms  
Loss rate: 0.51%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-02-27 11:39:21

End at: 2018-02-27 11:39:51

Local clock offset: -4.05 ms

Remote clock offset: 0.342 ms

# Below is generated by plot.py at 2018-02-27 18:28:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 79.915 ms

Loss rate: 0.51%

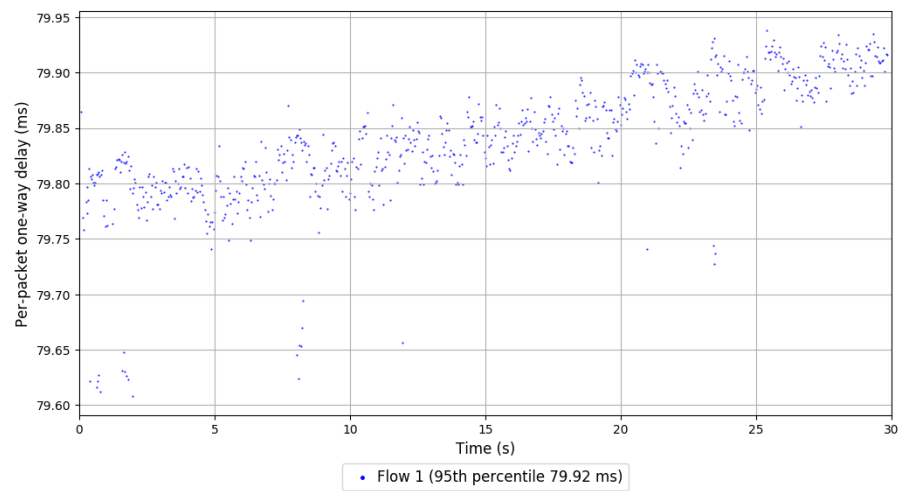
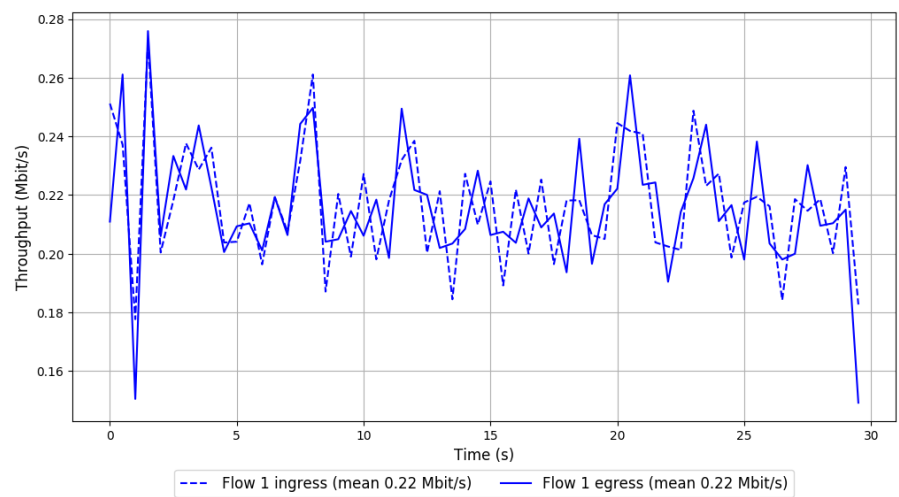
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 79.915 ms

Loss rate: 0.51%

Run 2: Report of SReAM — Data Link



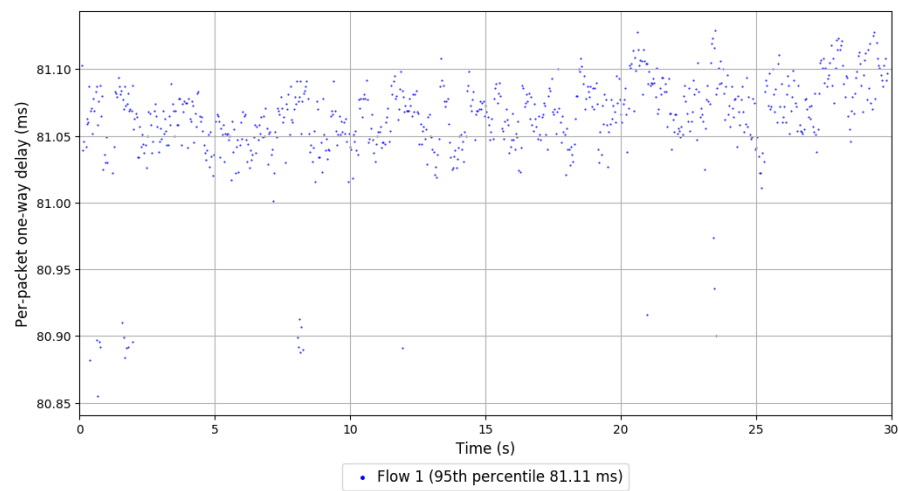
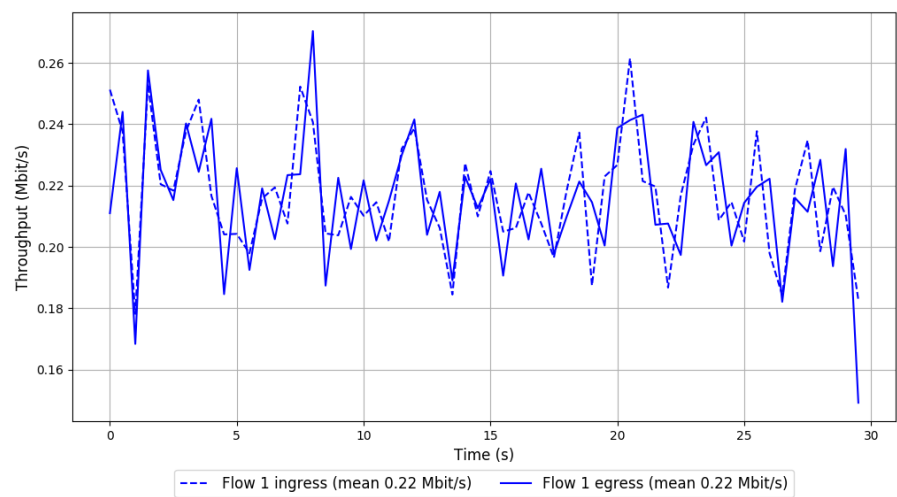
Run 3: Statistics of SCReAM

Start at: 2018-02-27 12:01:23  
End at: 2018-02-27 12:01:53  
Local clock offset: -7.304 ms  
Remote clock offset: -0.088 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 81.105 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 81.105 ms  
Loss rate: 0.51%



Run 3: Report of SReAM — Data Link

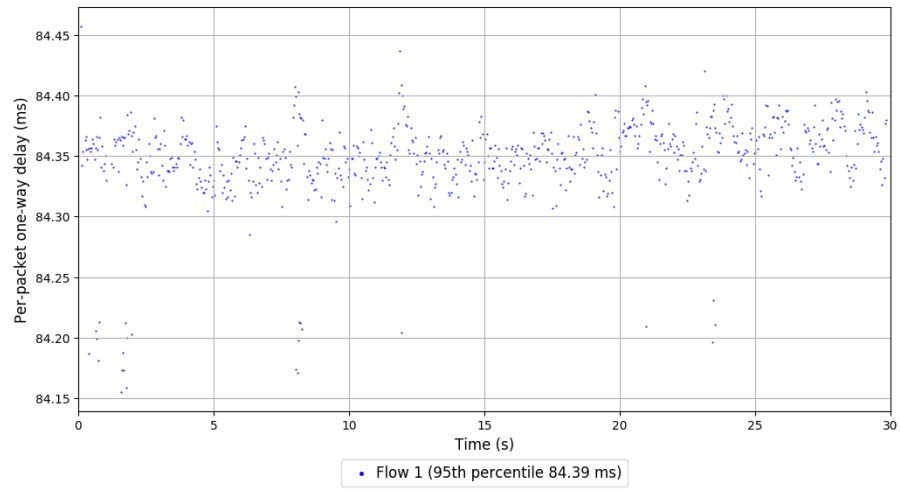
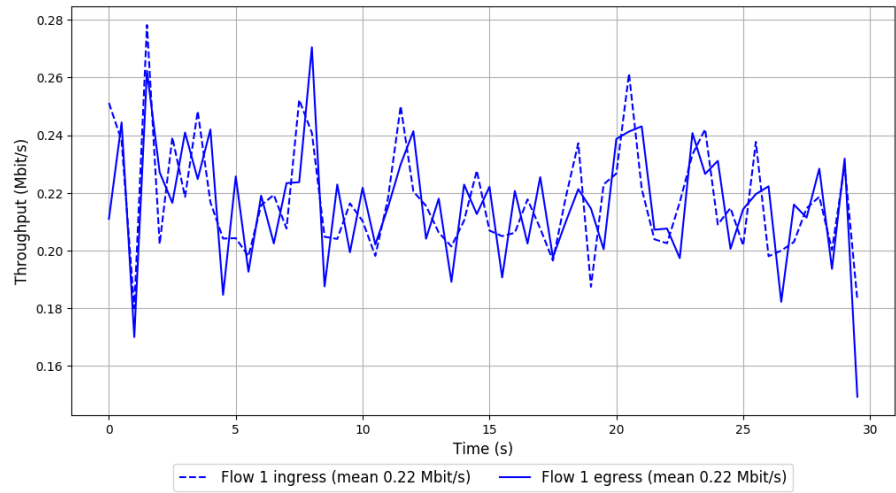


Run 4: Statistics of SCReAM

Start at: 2018-02-27 12:23:23  
End at: 2018-02-27 12:23:53  
Local clock offset: -8.604 ms  
Remote clock offset: -5.546 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.388 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.388 ms  
Loss rate: 0.51%

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

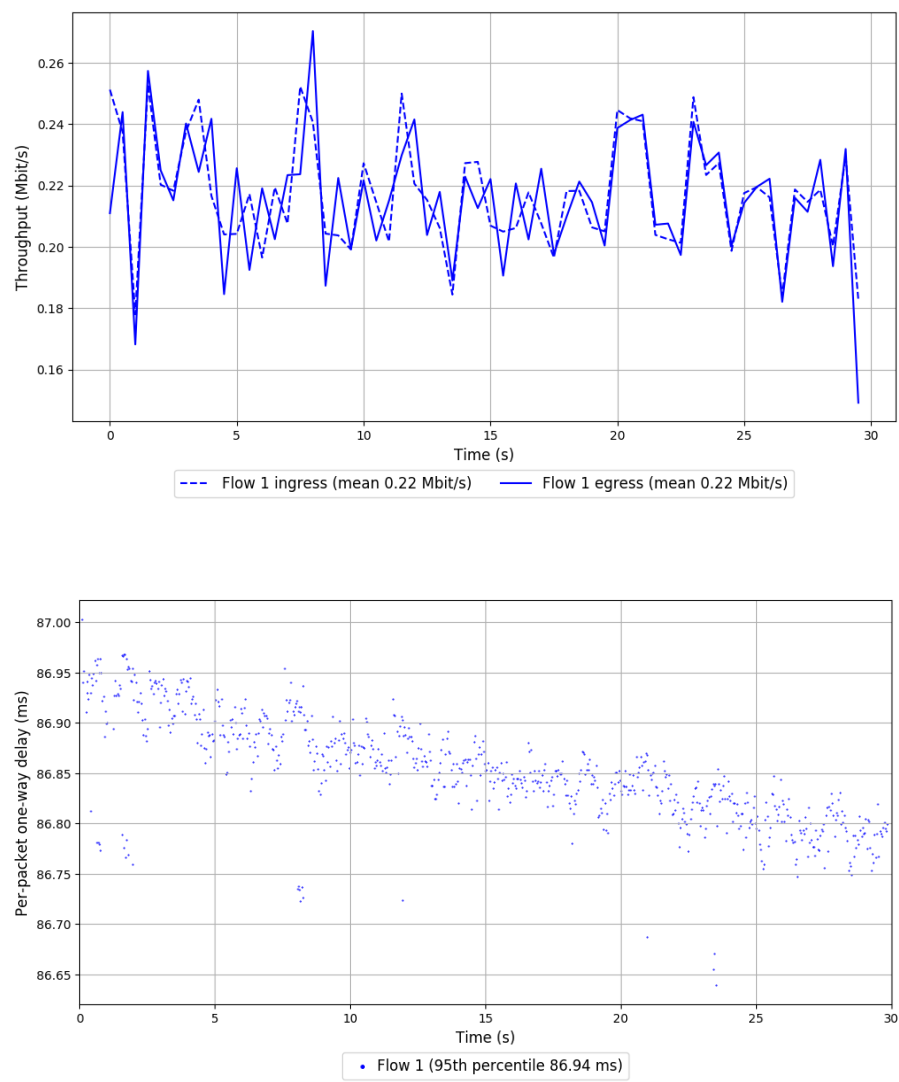


Run 5: Statistics of SCReAM

Start at: 2018-02-27 12:45:24  
End at: 2018-02-27 12:45:54  
Local clock offset: -8.265 ms  
Remote clock offset: -5.307 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 86.940 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 86.940 ms  
Loss rate: 0.51%

Run 5: Report of SReAM — Data Link

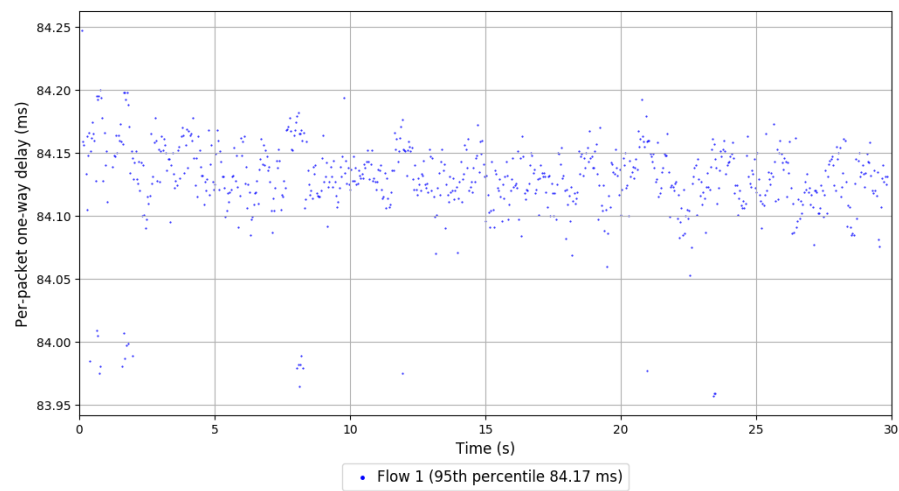
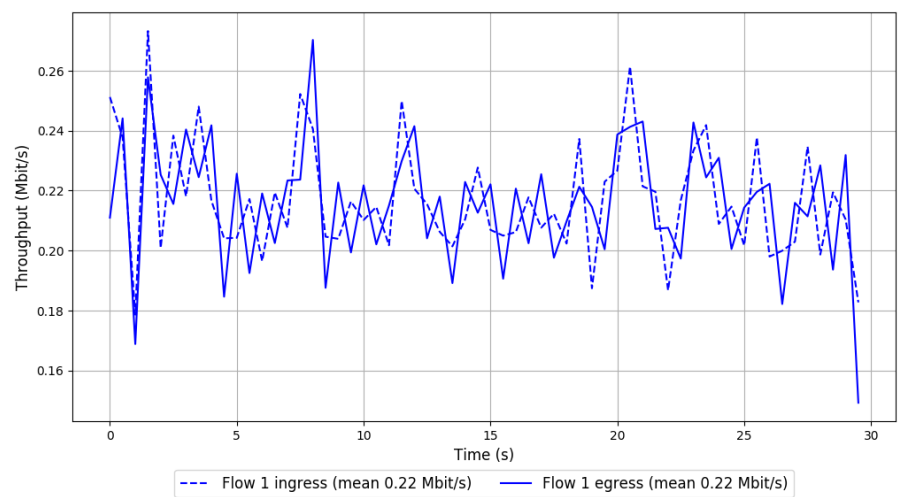


Run 6: Statistics of SCReAM

Start at: 2018-02-27 13:07:24  
End at: 2018-02-27 13:07:54  
Local clock offset: -5.669 ms  
Remote clock offset: -5.108 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.167 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.167 ms  
Loss rate: 0.51%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-02-27 13:29:24

End at: 2018-02-27 13:29:54

Local clock offset: -6.973 ms

Remote clock offset: 0.144 ms

# Below is generated by plot.py at 2018-02-27 18:28:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 77.954 ms

Loss rate: 0.51%

-- Flow 1:

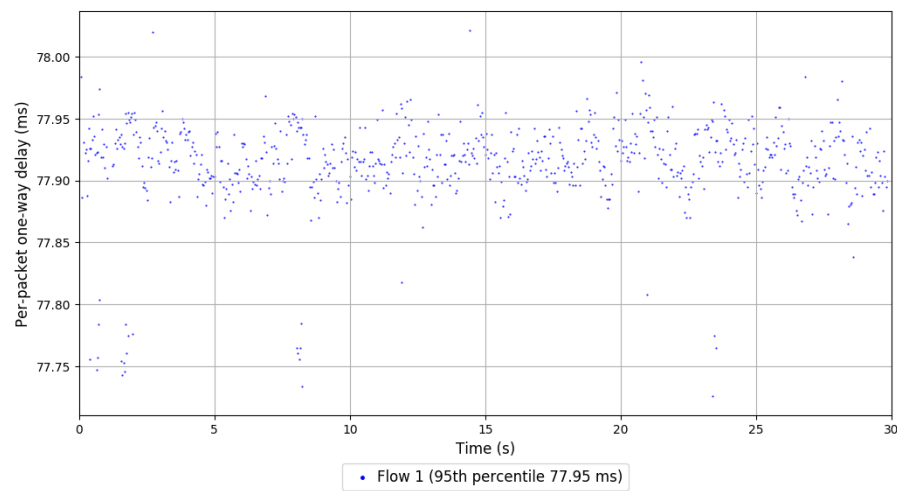
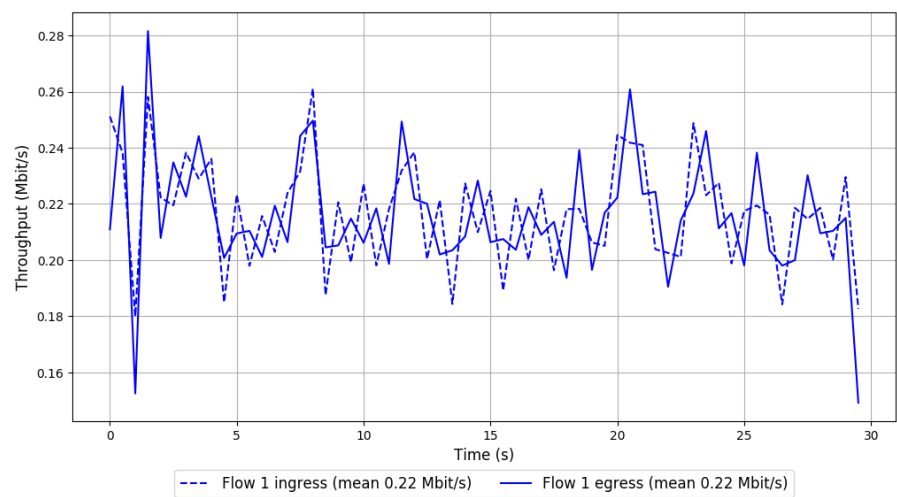
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 77.954 ms

Loss rate: 0.51%



Run 7: Report of SReAM — Data Link

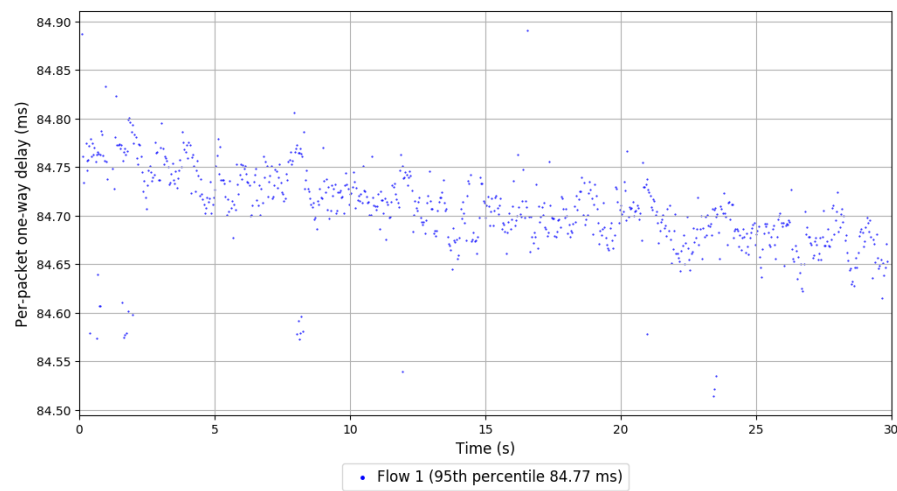
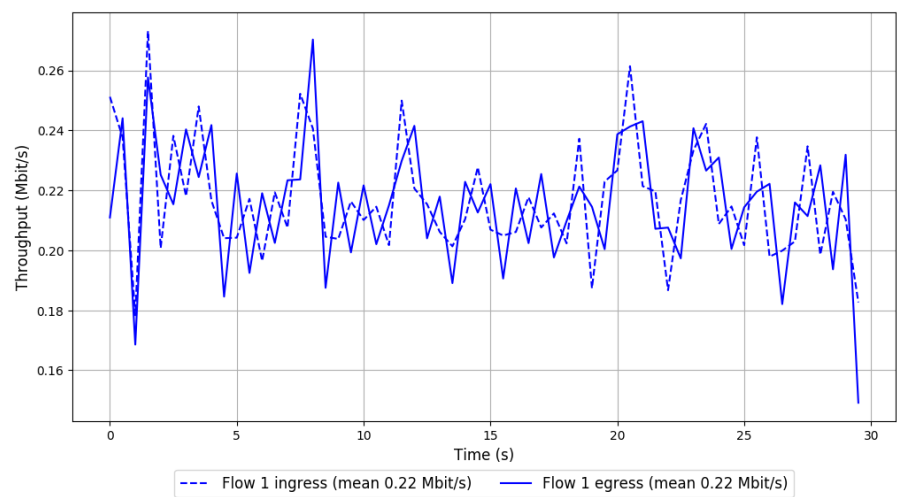


Run 8: Statistics of SCReAM

Start at: 2018-02-27 13:51:47  
End at: 2018-02-27 13:52:17  
Local clock offset: -7.329 ms  
Remote clock offset: -5.945 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.770 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.770 ms  
Loss rate: 0.51%

Run 8: Report of SReAM — Data Link

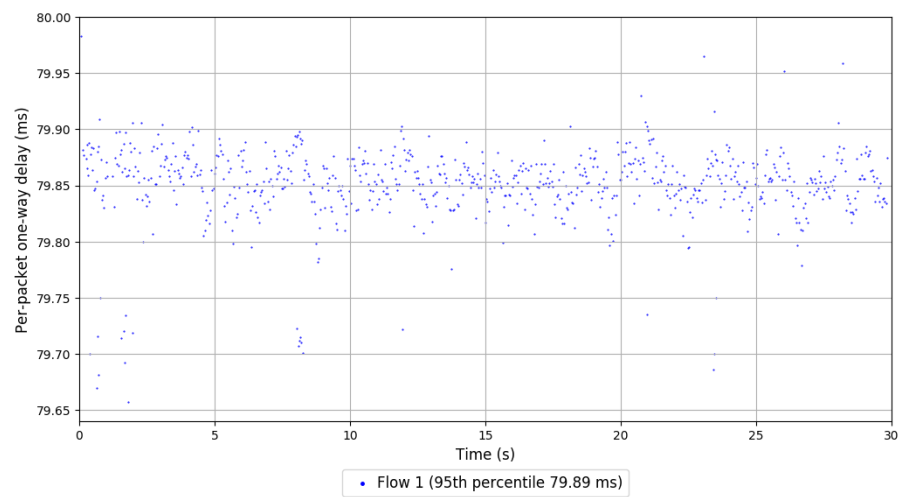
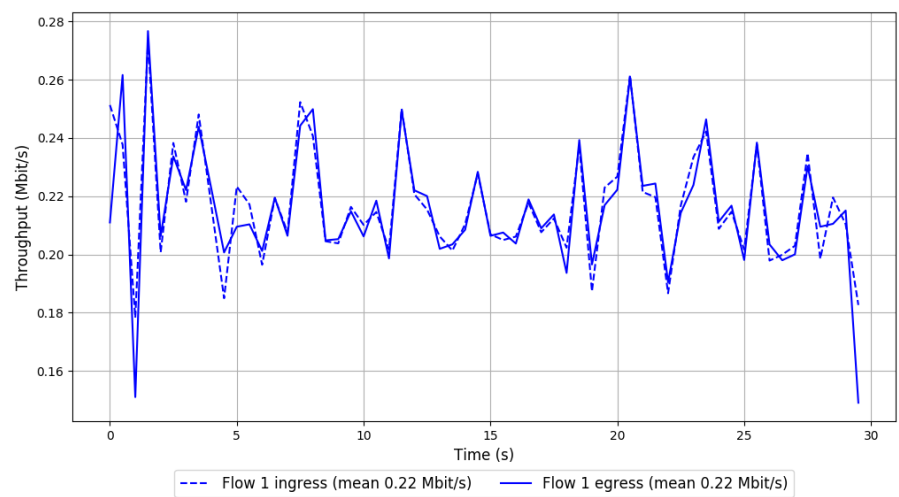


Run 9: Statistics of SCReAM

Start at: 2018-02-27 14:13:59  
End at: 2018-02-27 14:14:29  
Local clock offset: -5.765 ms  
Remote clock offset: -0.636 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 79.889 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 79.889 ms  
Loss rate: 0.51%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-02-27 14:36:01

End at: 2018-02-27 14:36:31

Local clock offset: -5.384 ms

Remote clock offset: 0.33 ms

# Below is generated by plot.py at 2018-02-27 18:28:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 79.662 ms

Loss rate: 0.51%

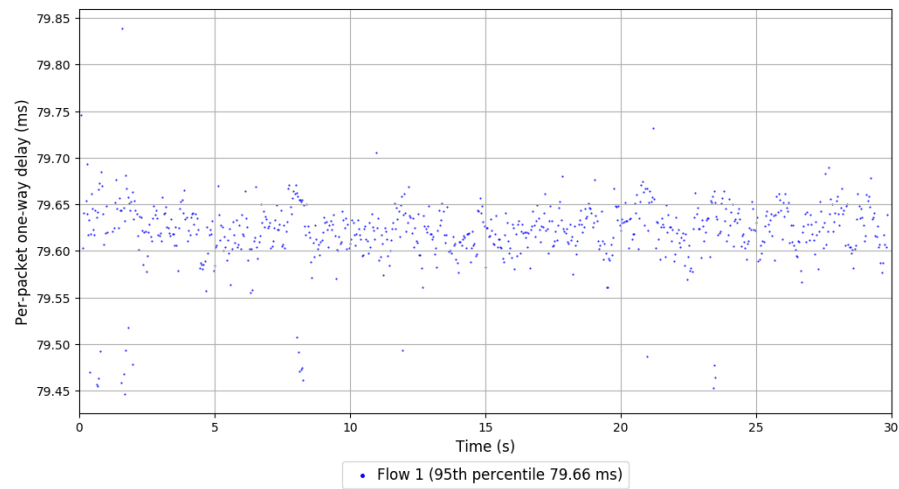
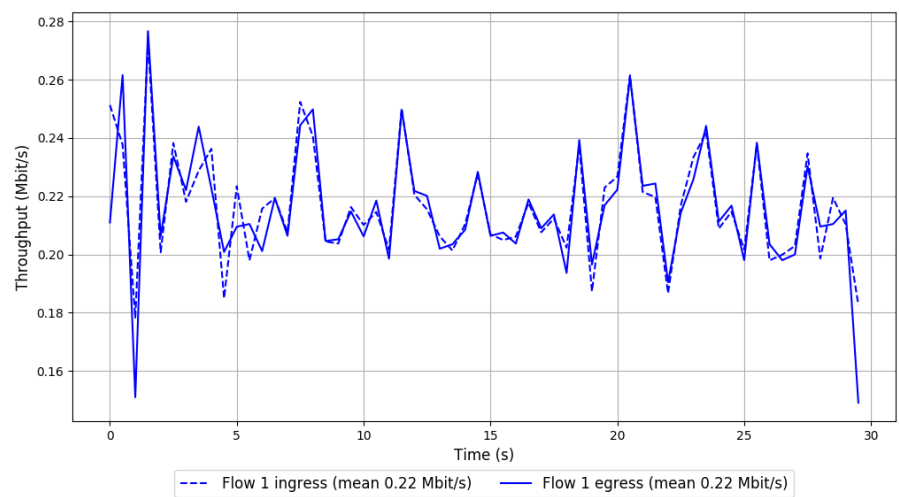
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 79.662 ms

Loss rate: 0.51%

Run 10: Report of SCRaM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-02-27 11:13:41

End at: 2018-02-27 11:14:11

Local clock offset: -2.373 ms

Remote clock offset: -0.6 ms

# Below is generated by plot.py at 2018-02-27 18:28:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 80.916 ms

Loss rate: 1.68%

-- Flow 1:

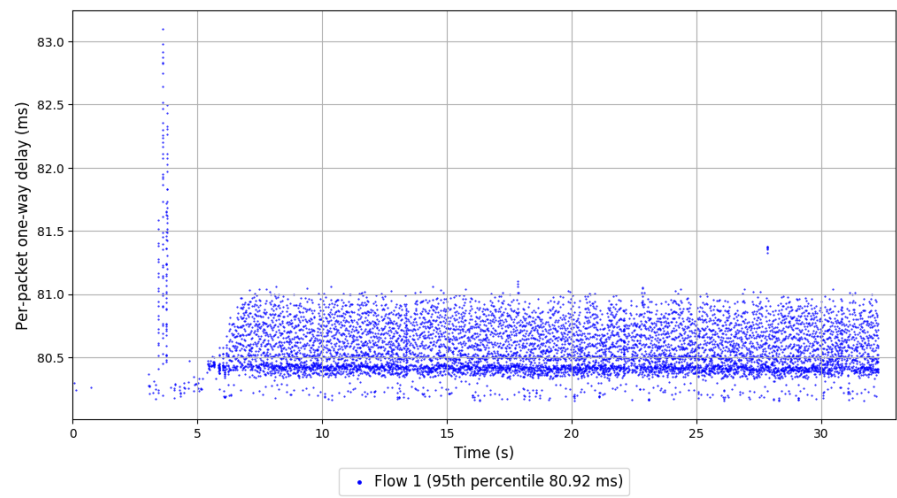
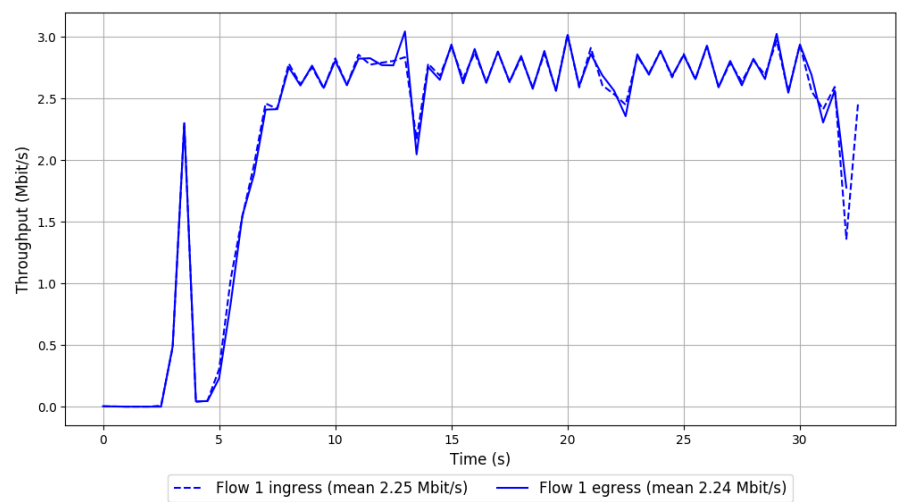
Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 80.916 ms

Loss rate: 1.68%



Run 1: Report of WebRTC media — Data Link

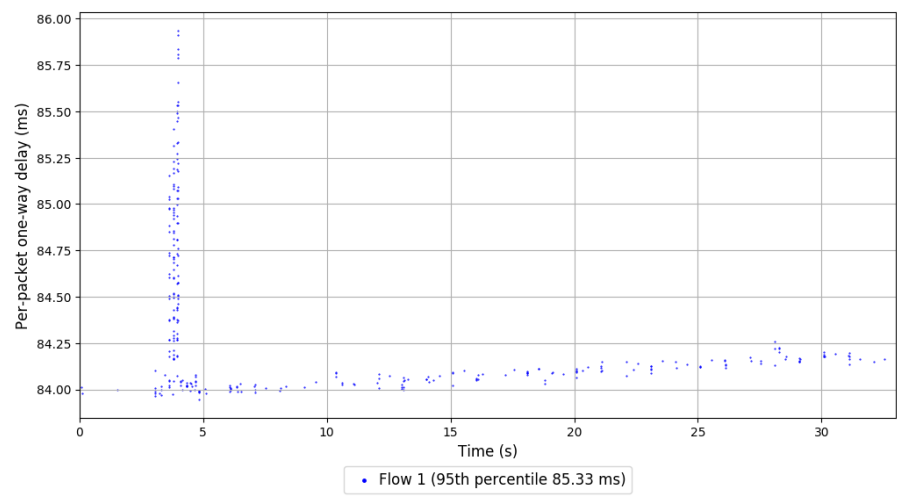
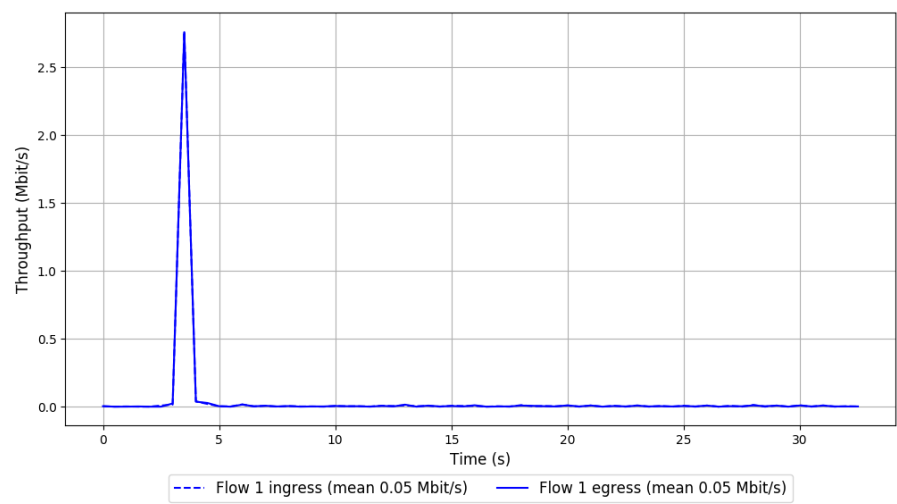


Run 2: Statistics of WebRTC media

Start at: 2018-02-27 11:35:42  
End at: 2018-02-27 11:36:13  
Local clock offset: -2.739 ms  
Remote clock offset: -6.117 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.05 Mbit/s  
95th percentile per-packet one-way delay: 85.329 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 0.05 Mbit/s  
95th percentile per-packet one-way delay: 85.329 ms  
Loss rate: 0.04%

Run 2: Report of WebRTC media — Data Link

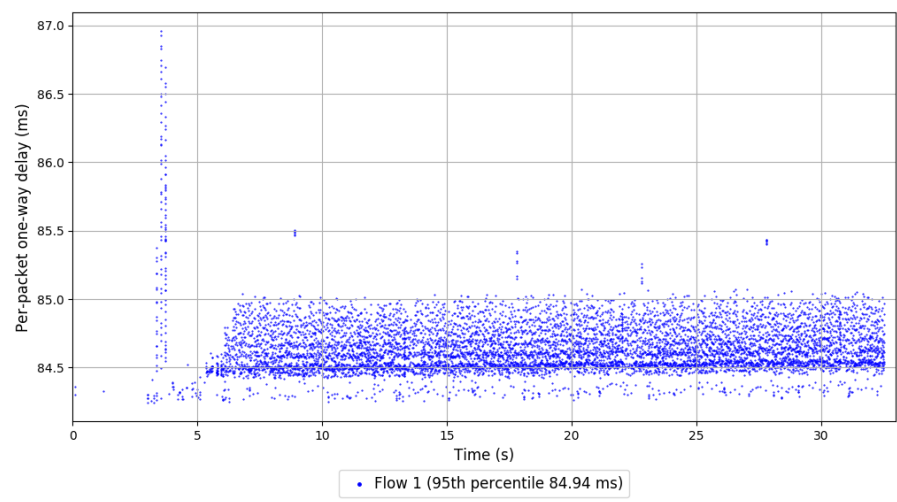
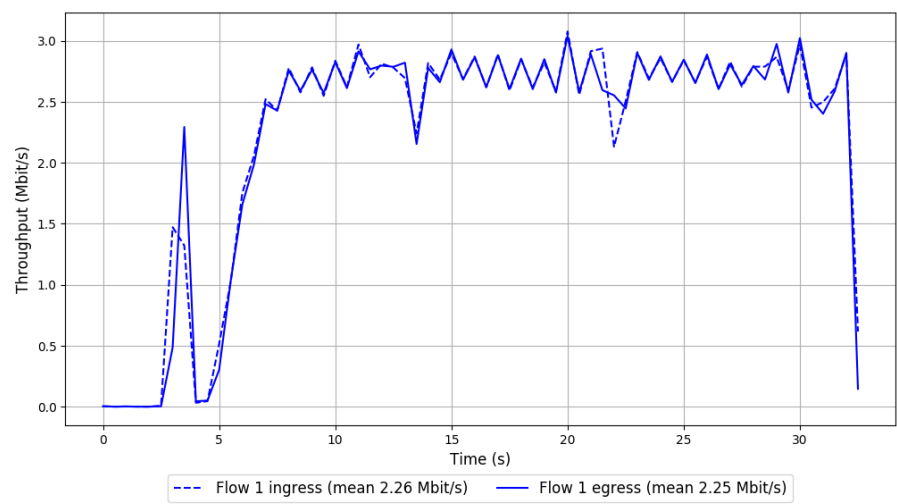


Run 3: Statistics of WebRTC media

Start at: 2018-02-27 11:57:43  
End at: 2018-02-27 11:58:13  
Local clock offset: -7.026 ms  
Remote clock offset: -5.883 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 84.943 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 84.943 ms  
Loss rate: 0.62%

Run 3: Report of WebRTC media — Data Link

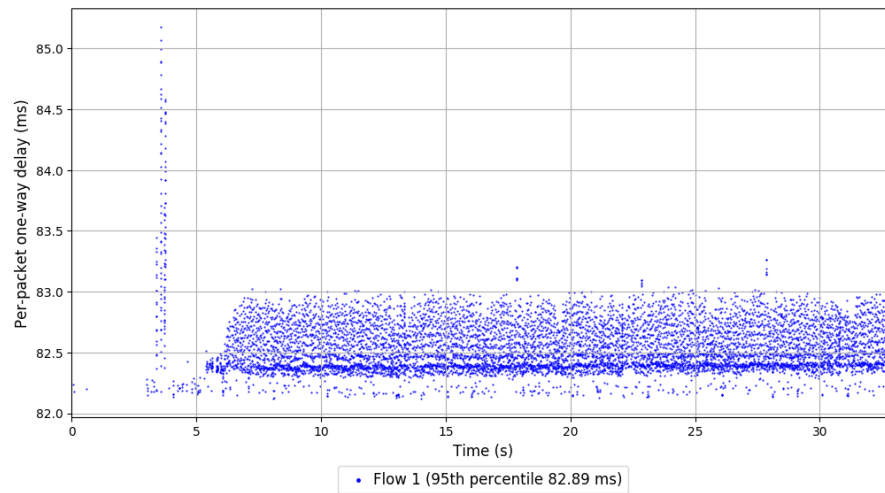
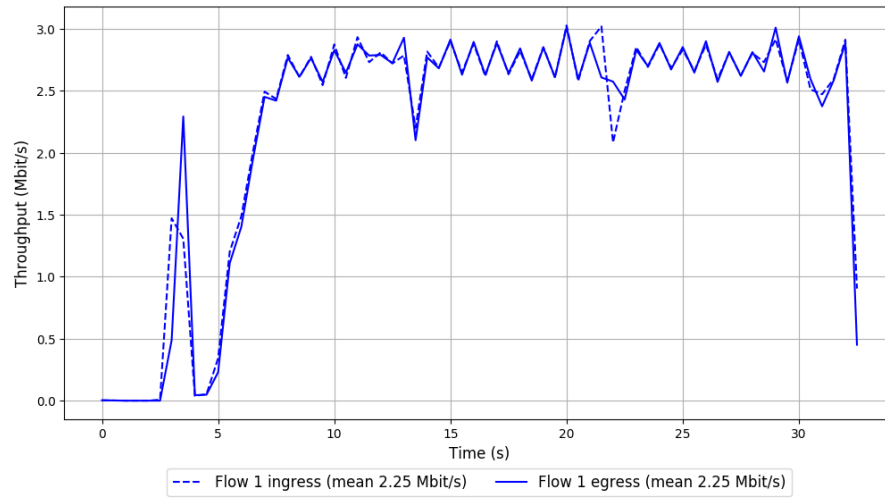


Run 4: Statistics of WebRTC media

Start at: 2018-02-27 12:19:45  
End at: 2018-02-27 12:20:15  
Local clock offset: -8.376 ms  
Remote clock offset: -0.839 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 82.895 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 82.895 ms  
Loss rate: 0.61%

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



Run 5: Statistics of WebRTC media

Start at: 2018-02-27 12:41:45

End at: 2018-02-27 12:42:15

Local clock offset: -9.659 ms

Remote clock offset: 0.286 ms

# Below is generated by plot.py at 2018-02-27 18:28:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 81.692 ms

Loss rate: 0.76%

-- Flow 1:

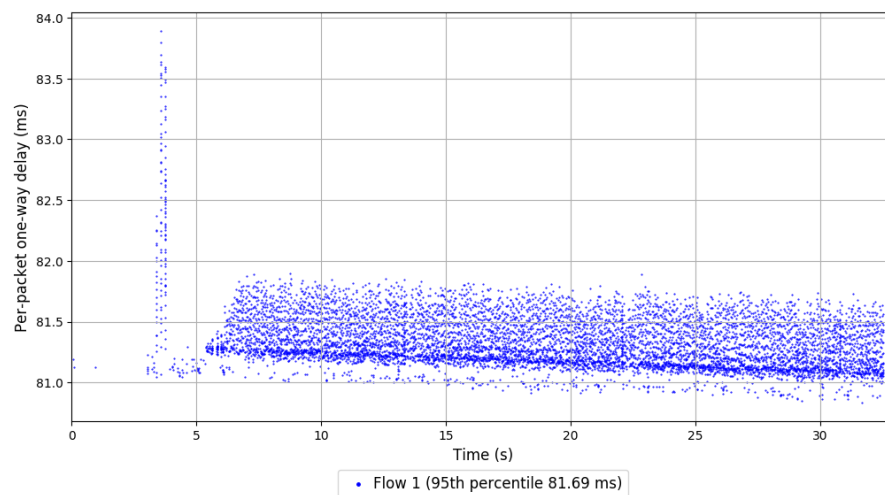
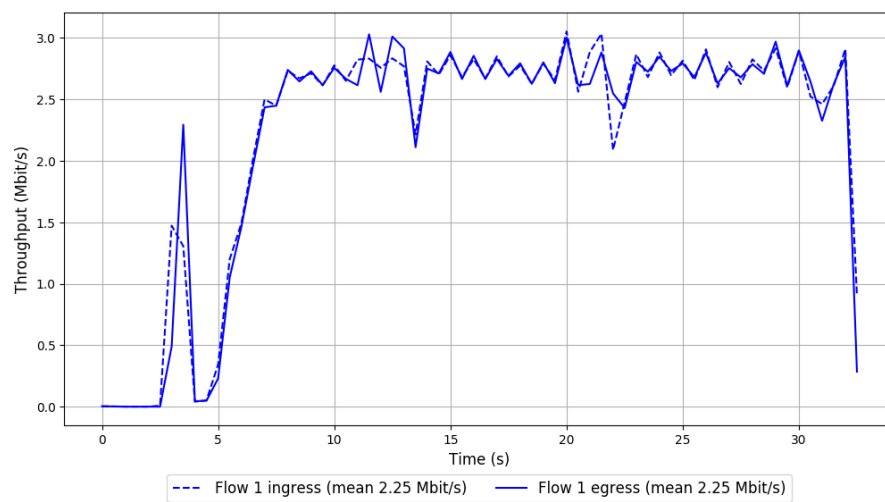
Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 81.692 ms

Loss rate: 0.76%



## Run 5: Report of WebRTC media — Data Link

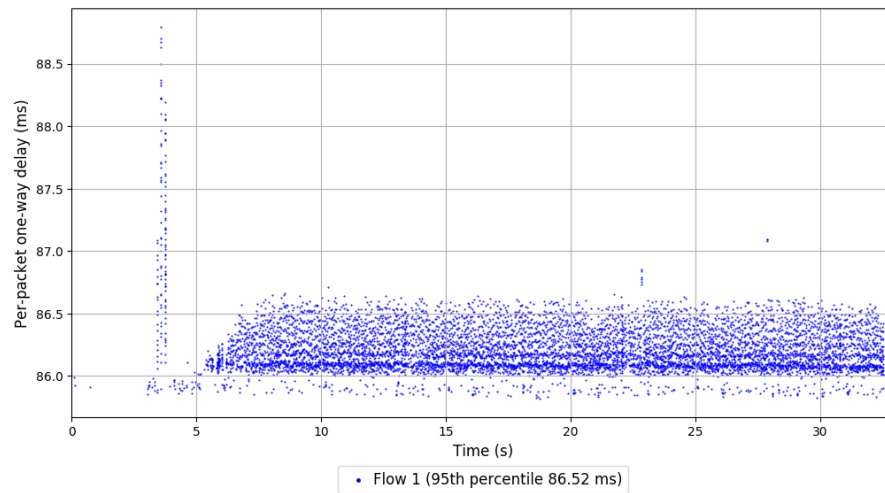
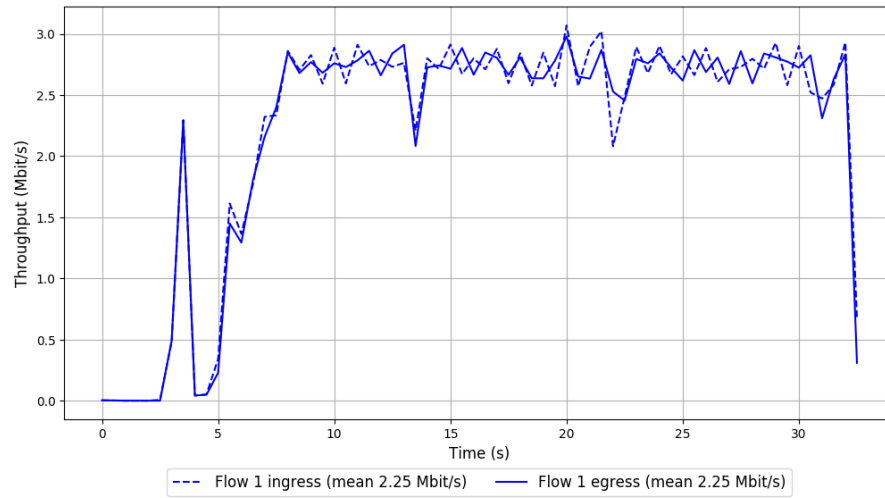


Run 6: Statistics of WebRTC media

Start at: 2018-02-27 13:03:45  
End at: 2018-02-27 13:04:15  
Local clock offset: -5.818 ms  
Remote clock offset: -5.986 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 86.524 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 86.524 ms  
Loss rate: 0.61%

## Run 6: Report of WebRTC media — Data Link

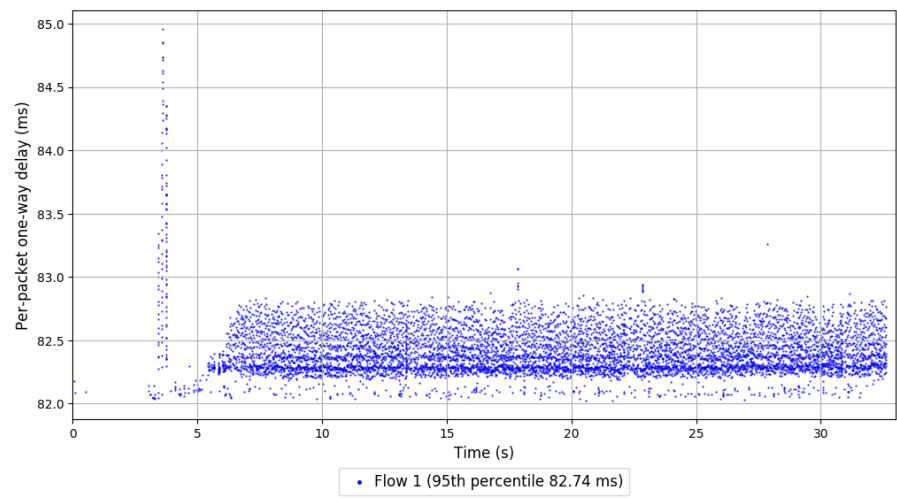
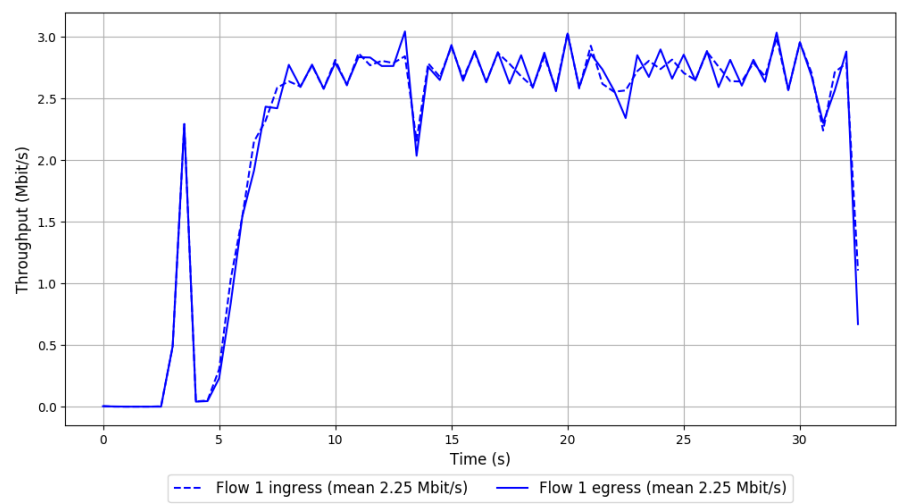


Run 7: Statistics of WebRTC media

Start at: 2018-02-27 13:25:45  
End at: 2018-02-27 13:26:15  
Local clock offset: -6.73 ms  
Remote clock offset: -1.321 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 82.736 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 82.736 ms  
Loss rate: 0.60%

Run 7: Report of WebRTC media — Data Link

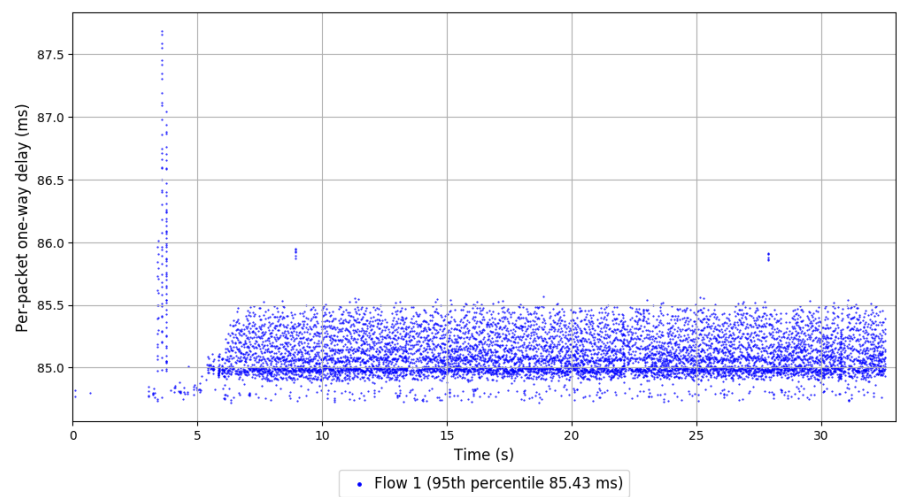
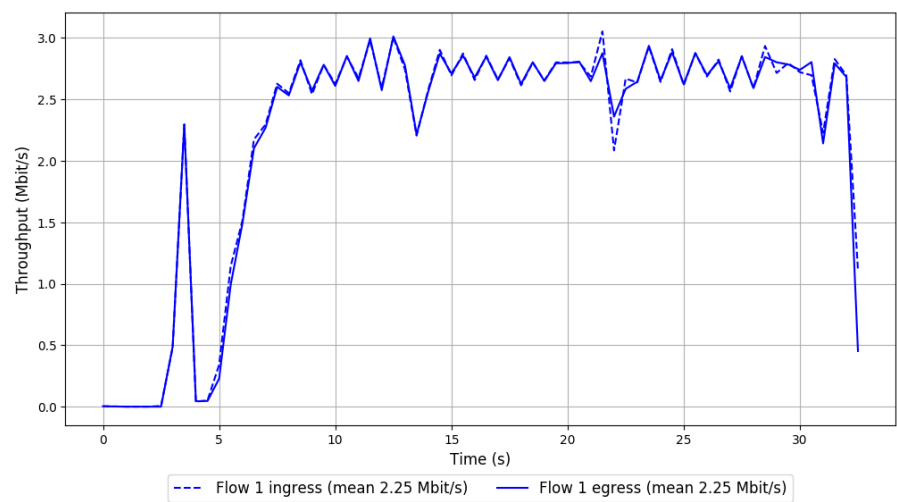


Run 8: Statistics of WebRTC media

Start at: 2018-02-27 13:48:08  
End at: 2018-02-27 13:48:38  
Local clock offset: -7.668 ms  
Remote clock offset: -5.923 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 85.429 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 85.429 ms  
Loss rate: 0.75%

Run 8: Report of WebRTC media — Data Link



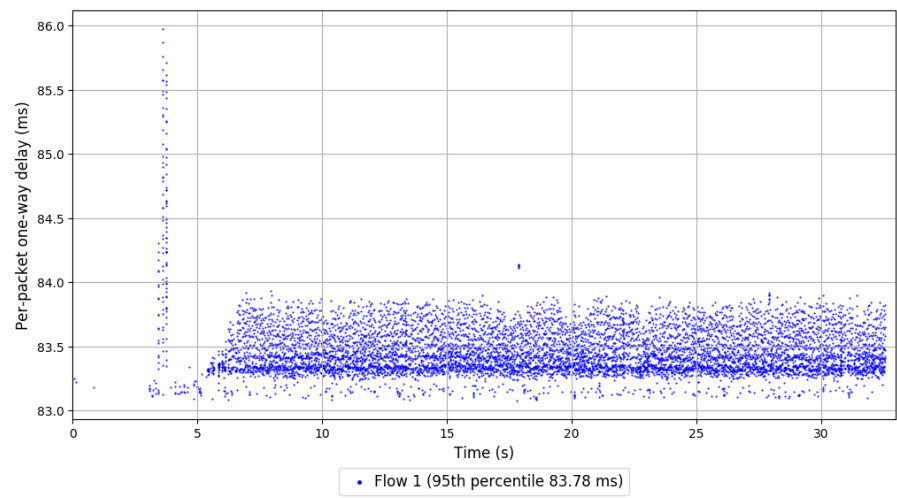
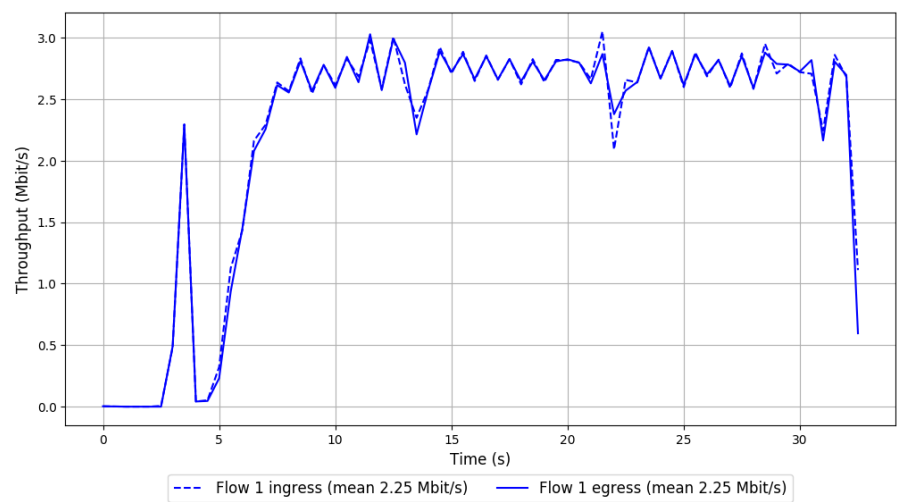
Run 9: Statistics of WebRTC media

Start at: 2018-02-27 14:10:09  
End at: 2018-02-27 14:10:39  
Local clock offset: -5.903 ms  
Remote clock offset: -5.497 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 83.780 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 83.780 ms  
Loss rate: 0.65%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-27 14:32:22

End at: 2018-02-27 14:32:52

Local clock offset: -5.476 ms

Remote clock offset: -5.317 ms

# Below is generated by plot.py at 2018-02-27 18:28:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 83.595 ms

Loss rate: 0.71%

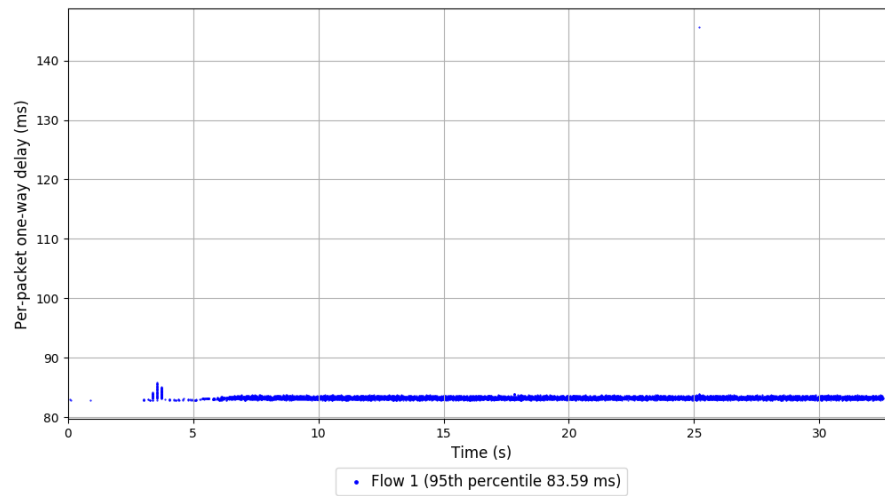
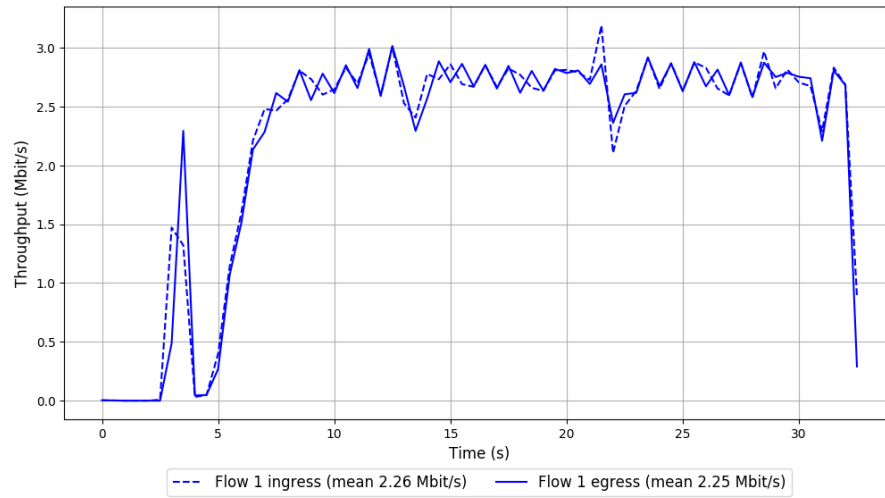
-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 83.595 ms

Loss rate: 0.71%

# Run 10: Report of WebRTC media — Data Link

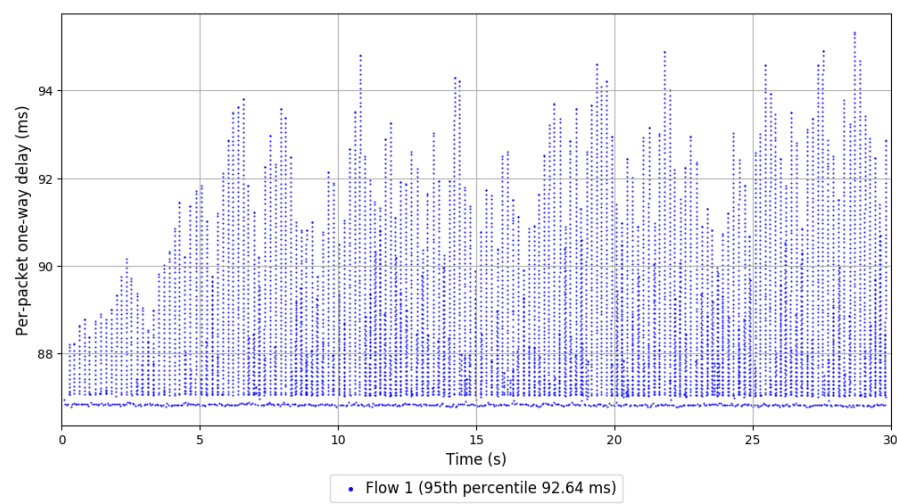
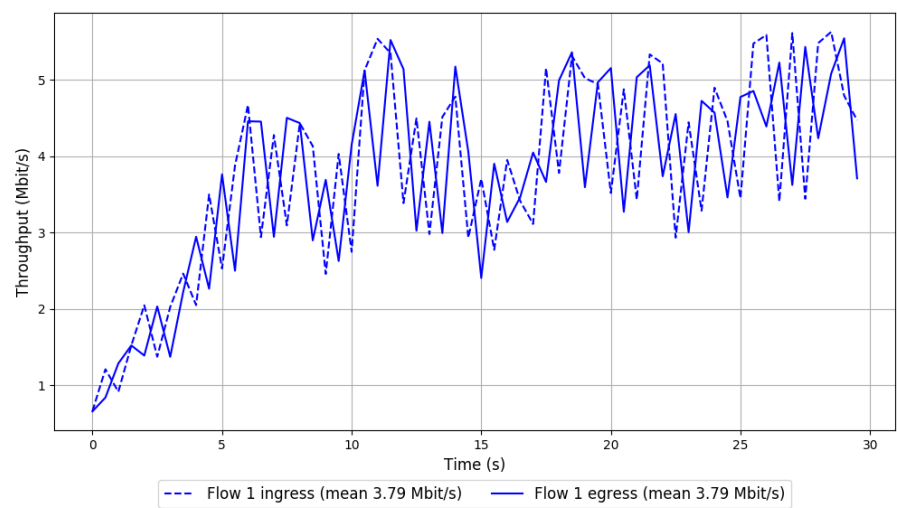


Run 1: Statistics of Sprout

Start at: 2018-02-27 11:11:17  
End at: 2018-02-27 11:11:47  
Local clock offset: -2.519 ms  
Remote clock offset: -6.214 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.79 Mbit/s  
95th percentile per-packet one-way delay: 92.638 ms  
Loss rate: 0.80%  
-- Flow 1:  
Average throughput: 3.79 Mbit/s  
95th percentile per-packet one-way delay: 92.638 ms  
Loss rate: 0.80%

Run 1: Report of Sprout — Data Link

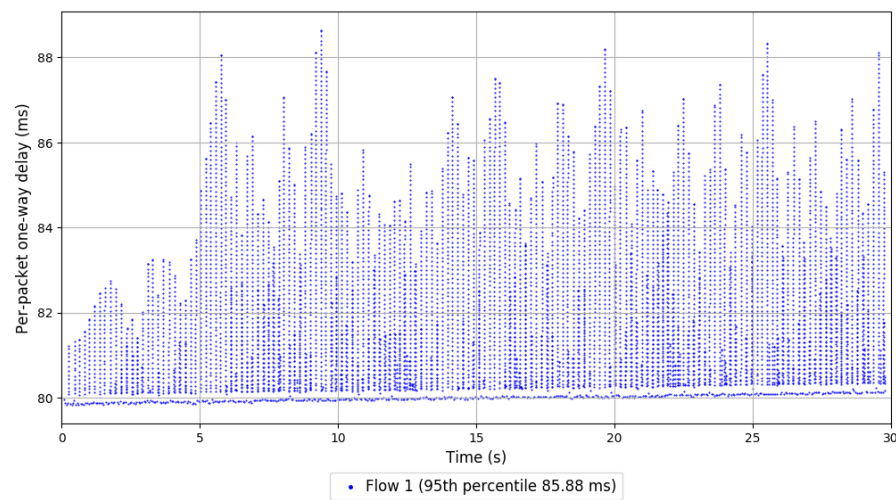
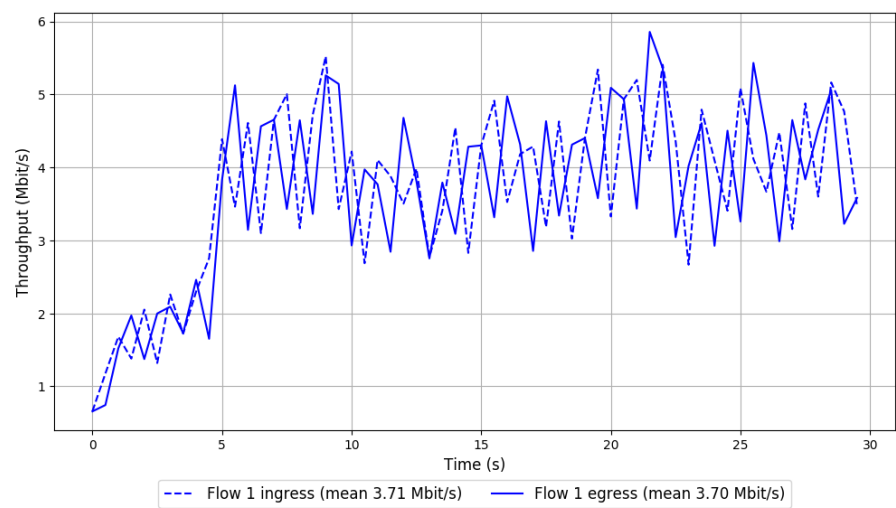


Run 2: Statistics of Sprout

Start at: 2018-02-27 11:33:19  
End at: 2018-02-27 11:33:49  
Local clock offset: -1.785 ms  
Remote clock offset: -0.542 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.70 Mbit/s  
95th percentile per-packet one-way delay: 85.882 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 3.70 Mbit/s  
95th percentile per-packet one-way delay: 85.882 ms  
Loss rate: 0.75%

Run 2: Report of Sprout — Data Link



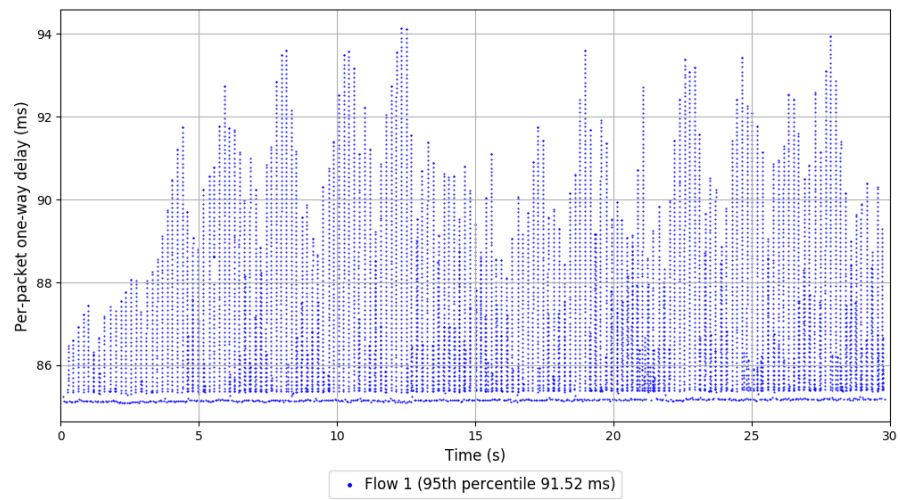
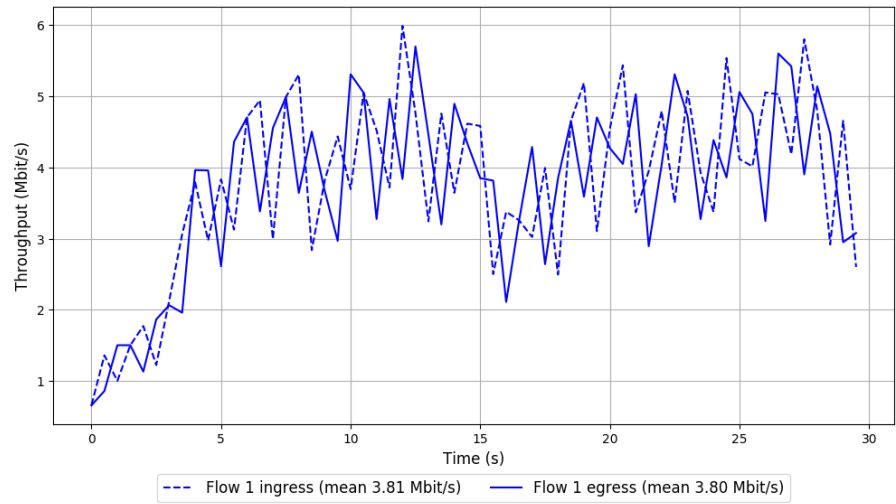
Run 3: Statistics of Sprout

Start at: 2018-02-27 11:55:19  
End at: 2018-02-27 11:55:49  
Local clock offset: -6.806 ms  
Remote clock offset: -5.082 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.80 Mbit/s  
95th percentile per-packet one-way delay: 91.515 ms  
Loss rate: 0.54%  
-- Flow 1:  
Average throughput: 3.80 Mbit/s  
95th percentile per-packet one-way delay: 91.515 ms  
Loss rate: 0.54%



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



Run 4: Statistics of Sprout

Start at: 2018-02-27 12:17:21

End at: 2018-02-27 12:17:51

Local clock offset: -8.238 ms

Remote clock offset: 0.103 ms

# Below is generated by plot.py at 2018-02-27 18:28:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.15 Mbit/s

95th percentile per-packet one-way delay: 86.515 ms

Loss rate: 0.73%

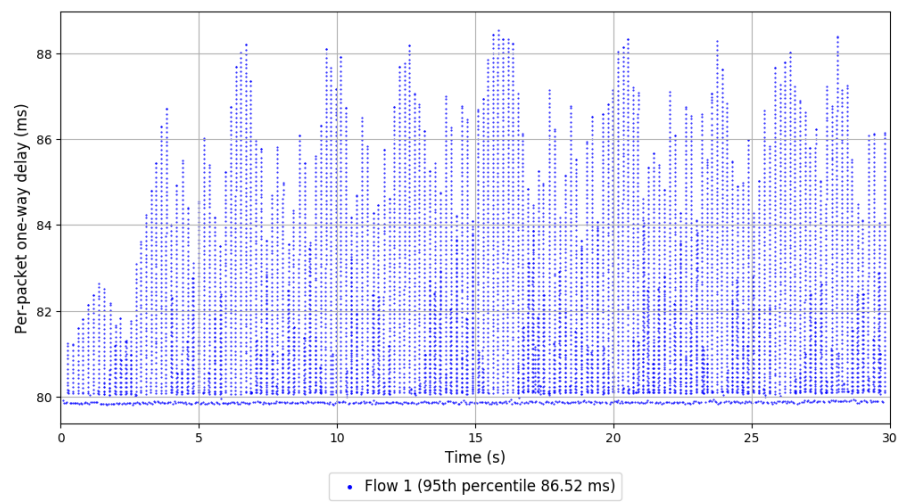
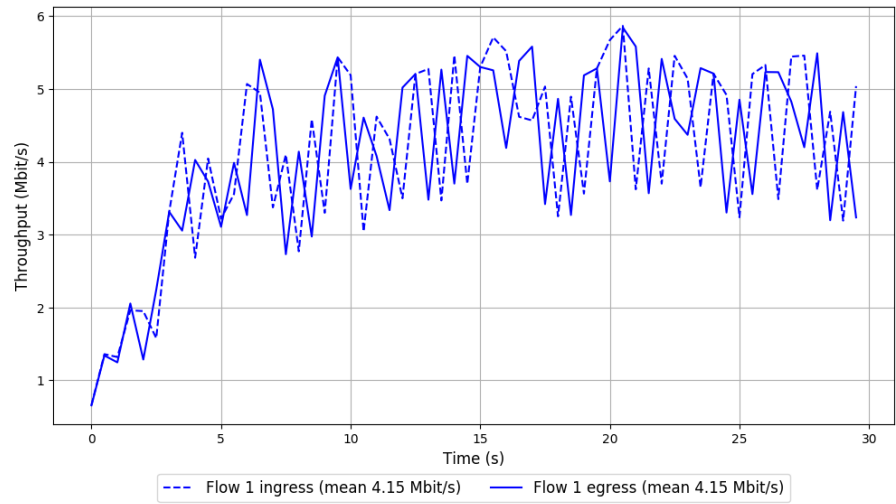
-- Flow 1:

Average throughput: 4.15 Mbit/s

95th percentile per-packet one-way delay: 86.515 ms

Loss rate: 0.73%

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

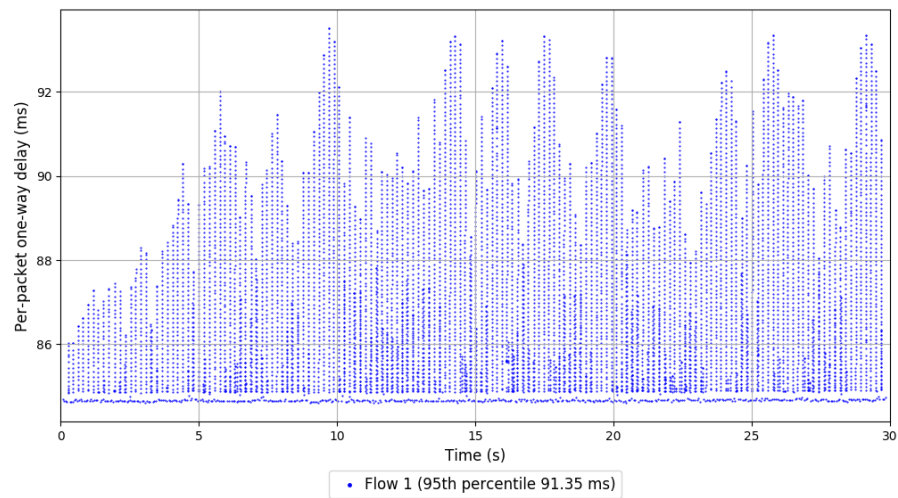
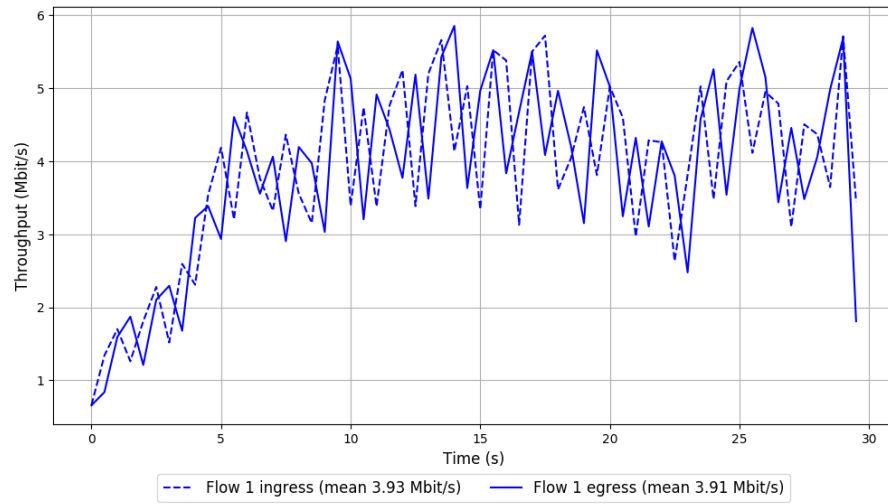


Run 5: Statistics of Sprout

Start at: 2018-02-27 12:39:22  
End at: 2018-02-27 12:39:52  
Local clock offset: -9.537 ms  
Remote clock offset: -4.614 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.91 Mbit/s  
95th percentile per-packet one-way delay: 91.349 ms  
Loss rate: 0.71%  
-- Flow 1:  
Average throughput: 3.91 Mbit/s  
95th percentile per-packet one-way delay: 91.349 ms  
Loss rate: 0.71%

## Run 5: Report of Sprout — Data Link

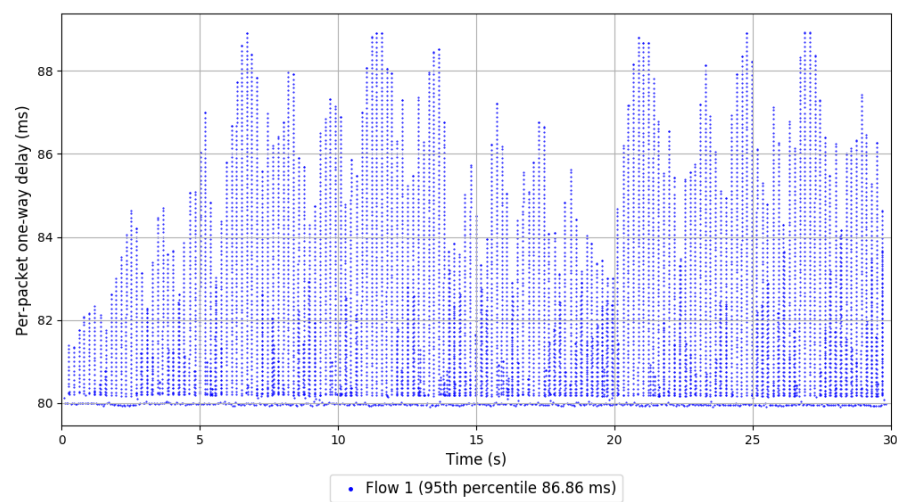
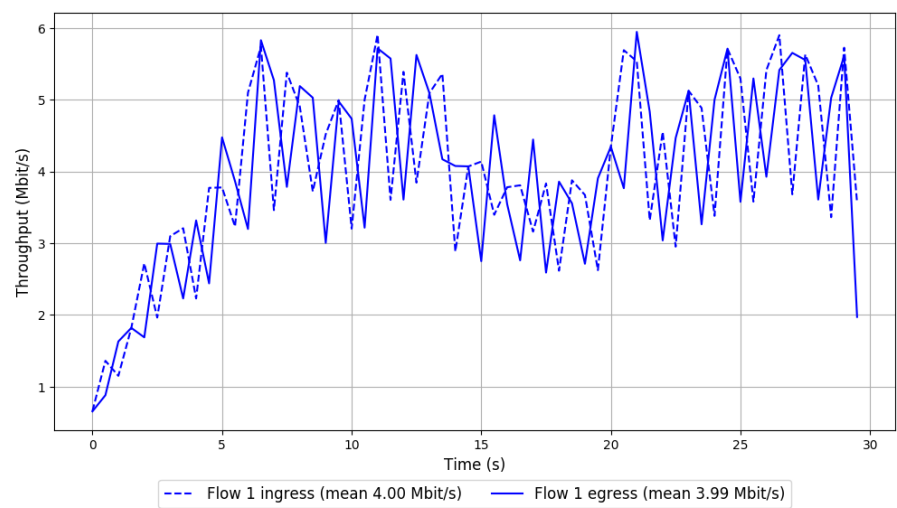


Run 6: Statistics of Sprout

Start at: 2018-02-27 13:01:22  
End at: 2018-02-27 13:01:52  
Local clock offset: -5.918 ms  
Remote clock offset: -0.201 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.99 Mbit/s  
95th percentile per-packet one-way delay: 86.858 ms  
Loss rate: 0.71%  
-- Flow 1:  
Average throughput: 3.99 Mbit/s  
95th percentile per-packet one-way delay: 86.858 ms  
Loss rate: 0.71%

Run 6: Report of Sprout — Data Link



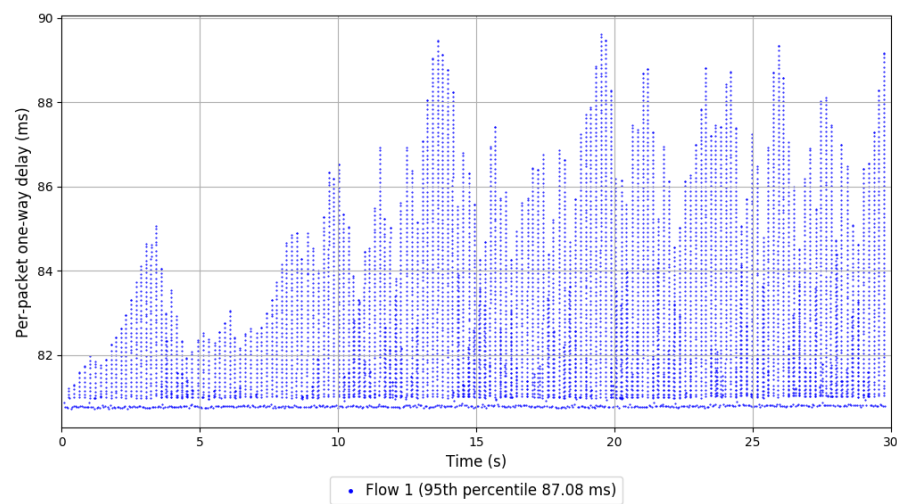
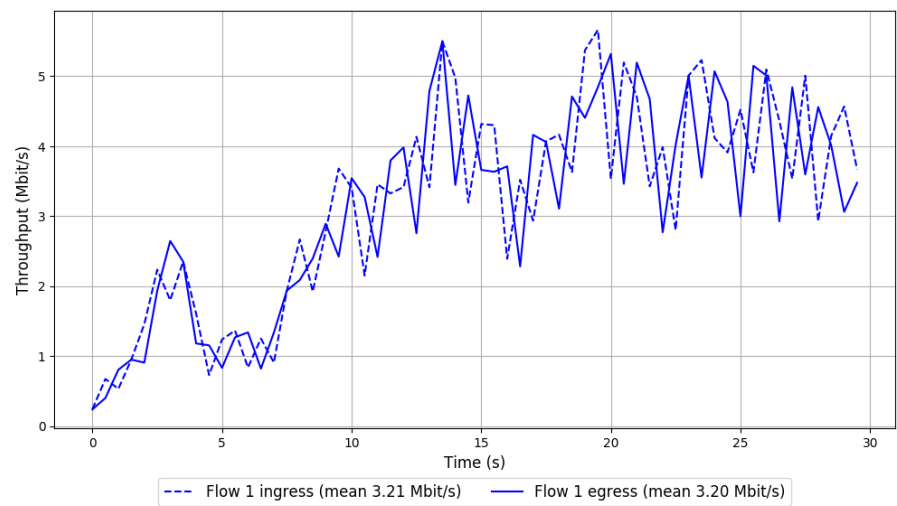
Run 7: Statistics of Sprout

Start at: 2018-02-27 13:23:22  
End at: 2018-02-27 13:23:52  
Local clock offset: -6.518 ms  
Remote clock offset: -1.336 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.20 Mbit/s  
95th percentile per-packet one-way delay: 87.084 ms  
Loss rate: 0.96%  
-- Flow 1:  
Average throughput: 3.20 Mbit/s  
95th percentile per-packet one-way delay: 87.084 ms  
Loss rate: 0.96%



Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-02-27 13:45:45

End at: 2018-02-27 13:46:15

Local clock offset: -7.598 ms

Remote clock offset: -6.69 ms

# Below is generated by plot.py at 2018-02-27 18:28:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.85 Mbit/s

95th percentile per-packet one-way delay: 92.962 ms

Loss rate: 0.72%

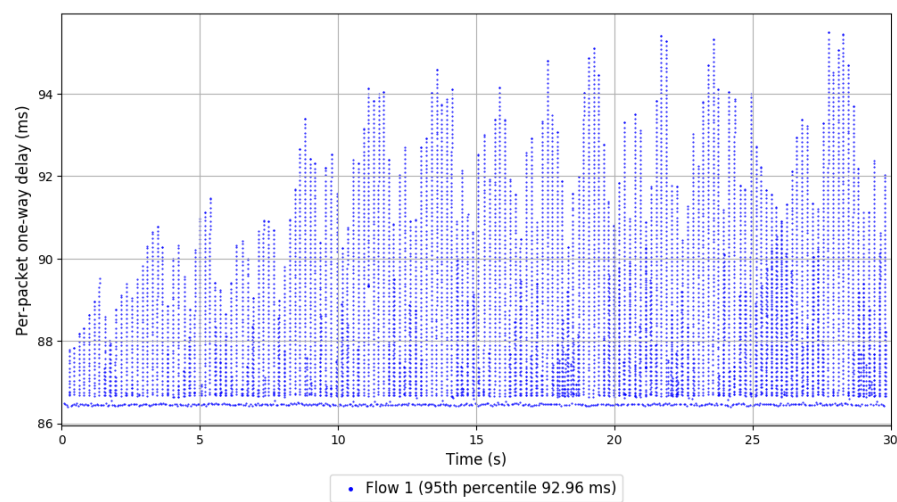
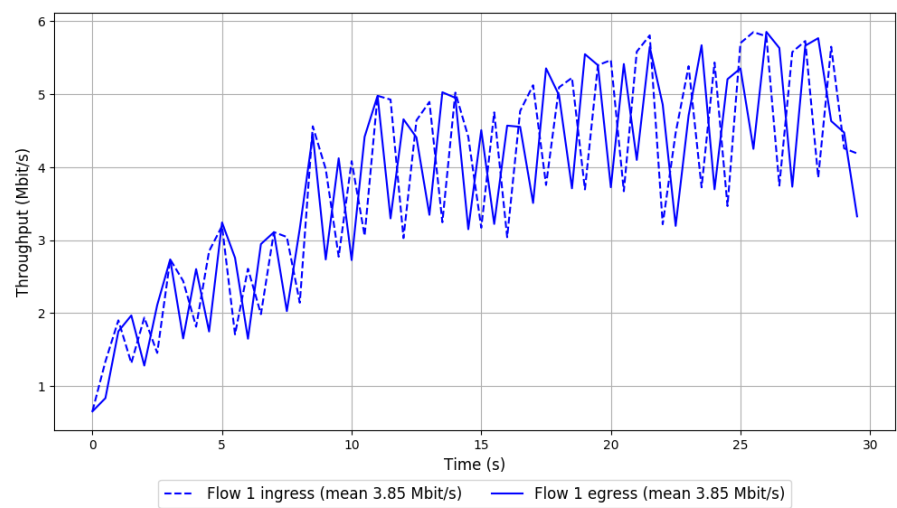
-- Flow 1:

Average throughput: 3.85 Mbit/s

95th percentile per-packet one-way delay: 92.962 ms

Loss rate: 0.72%

Run 8: Report of Sprout — Data Link

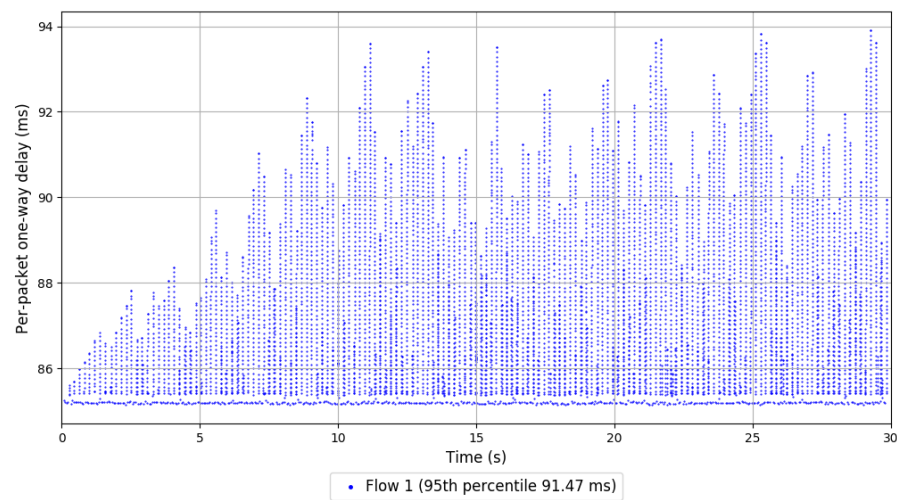
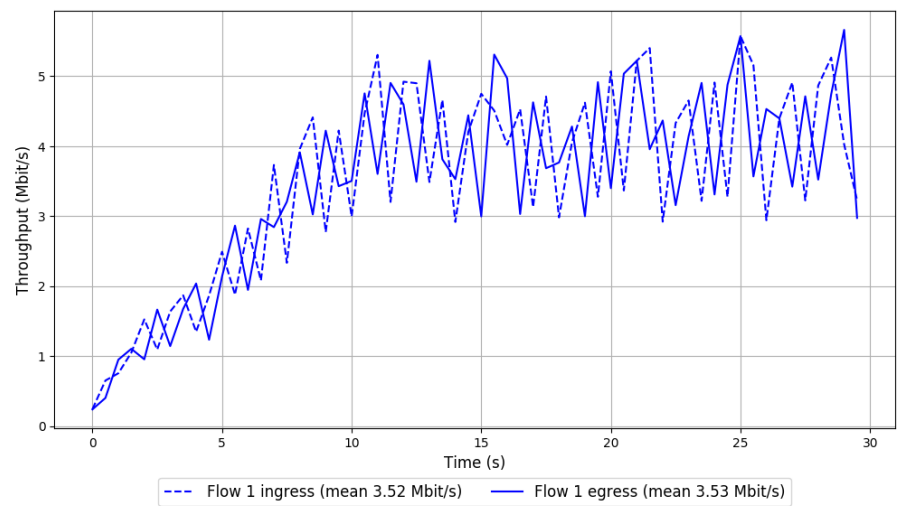


Run 9: Statistics of Sprout

Start at: 2018-02-27 14:07:45  
End at: 2018-02-27 14:08:15  
Local clock offset: -6.037 ms  
Remote clock offset: -6.395 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.53 Mbit/s  
95th percentile per-packet one-way delay: 91.473 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 3.53 Mbit/s  
95th percentile per-packet one-way delay: 91.473 ms  
Loss rate: 0.23%

Run 9: Report of Sprout — Data Link

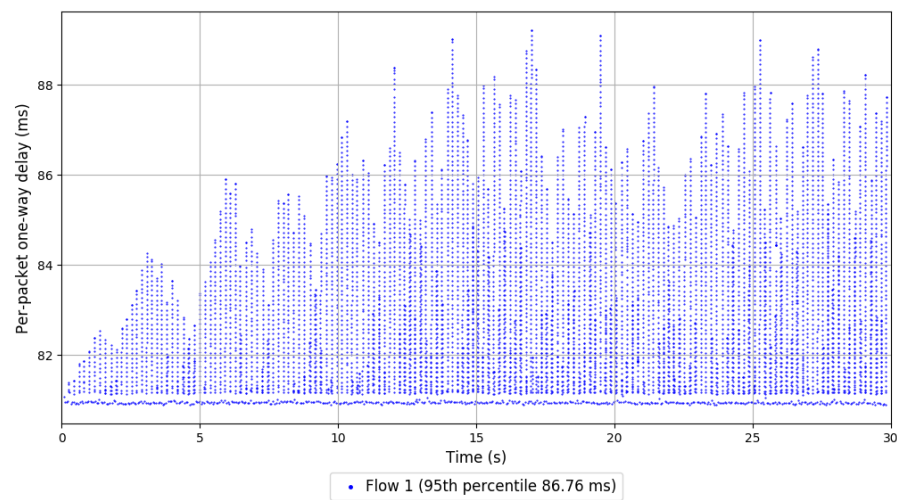
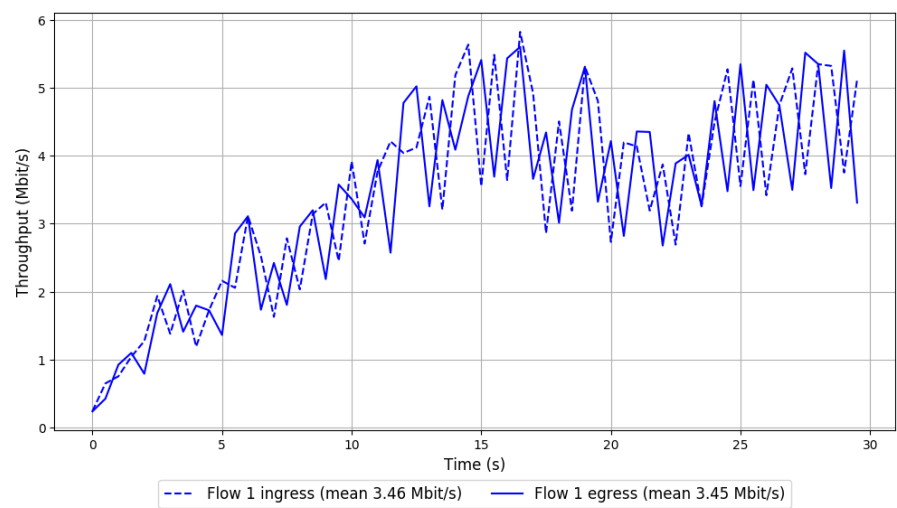


Run 10: Statistics of Sprout

Start at: 2018-02-27 14:29:59  
End at: 2018-02-27 14:30:29  
Local clock offset: -5.467 ms  
Remote clock offset: -0.589 ms

# Below is generated by plot.py at 2018-02-27 18:28:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.45 Mbit/s  
95th percentile per-packet one-way delay: 86.762 ms  
Loss rate: 0.88%  
-- Flow 1:  
Average throughput: 3.45 Mbit/s  
95th percentile per-packet one-way delay: 86.762 ms  
Loss rate: 0.88%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-02-27 11:16:04

End at: 2018-02-27 11:16:34

Local clock offset: -2.376 ms

Remote clock offset: -6.209 ms

# Below is generated by plot.py at 2018-02-27 18:30:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.52 Mbit/s

95th percentile per-packet one-way delay: 95.131 ms

Loss rate: 0.56%

-- Flow 1:

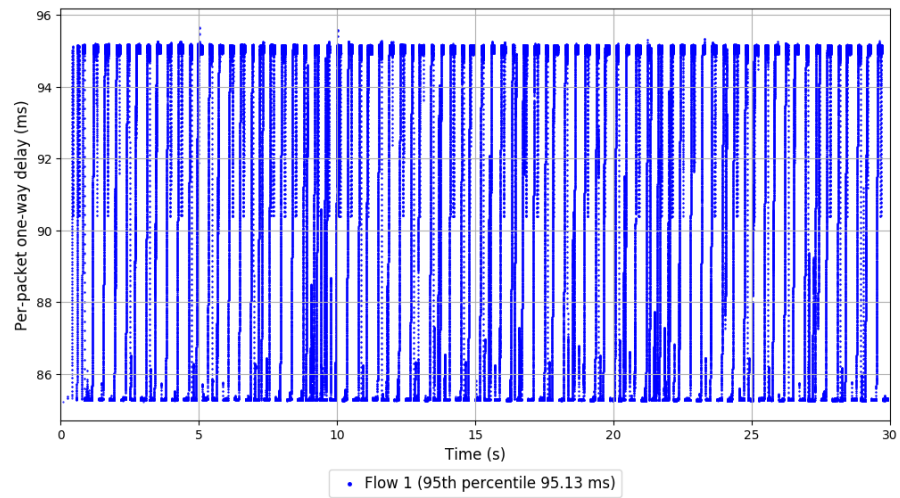
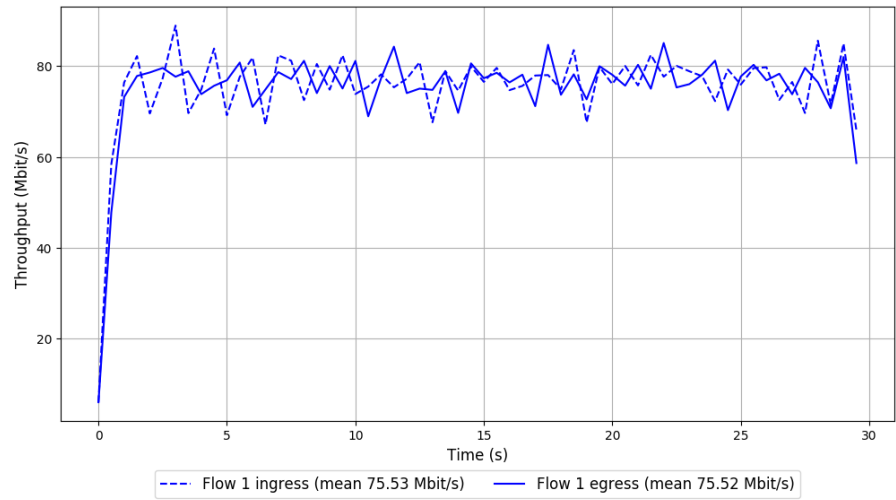
Average throughput: 75.52 Mbit/s

95th percentile per-packet one-way delay: 95.131 ms

Loss rate: 0.56%



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



Run 2: Statistics of TaoVA-100x

Start at: 2018-02-27 11:38:04

End at: 2018-02-27 11:38:35

Local clock offset: -3.639 ms

Remote clock offset: -5.303 ms

# Below is generated by plot.py at 2018-02-27 18:30:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.73 Mbit/s

95th percentile per-packet one-way delay: 94.979 ms

Loss rate: 0.53%

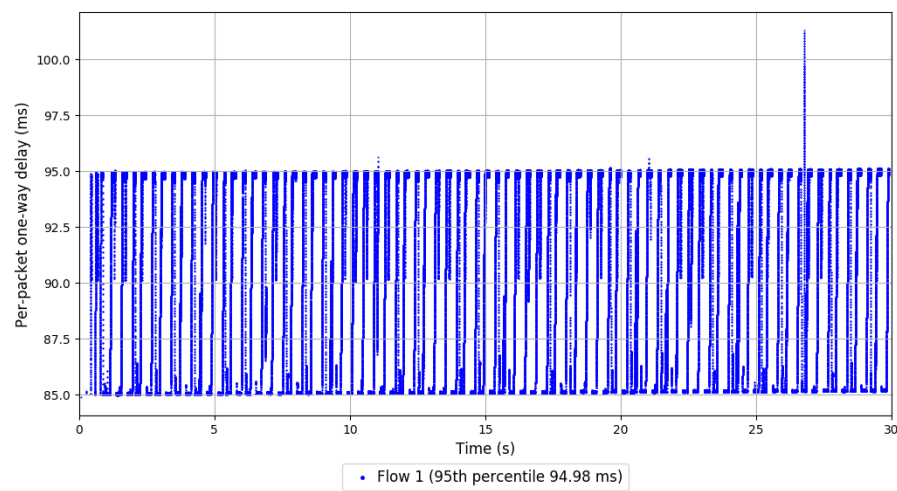
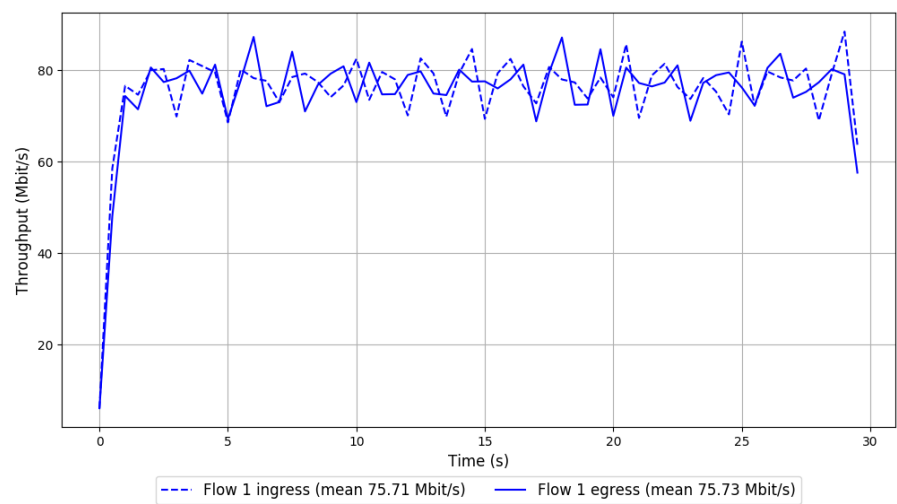
-- Flow 1:

Average throughput: 75.73 Mbit/s

95th percentile per-packet one-way delay: 94.979 ms

Loss rate: 0.53%

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

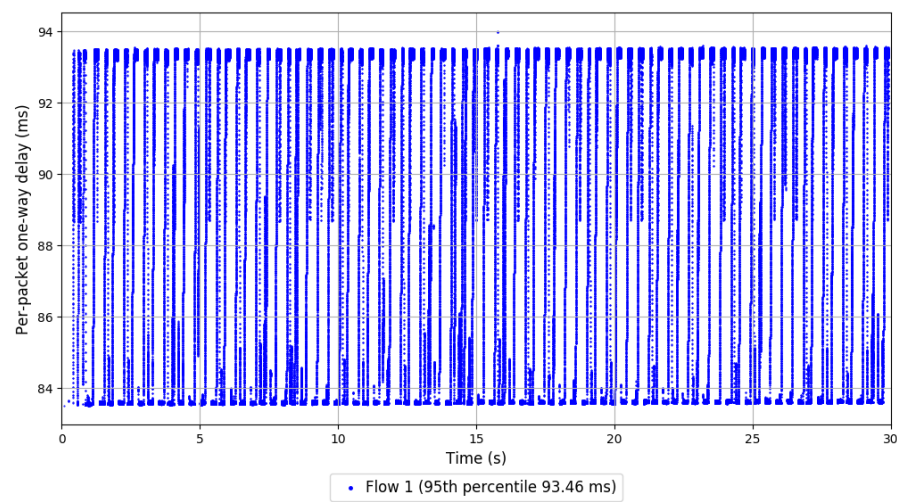
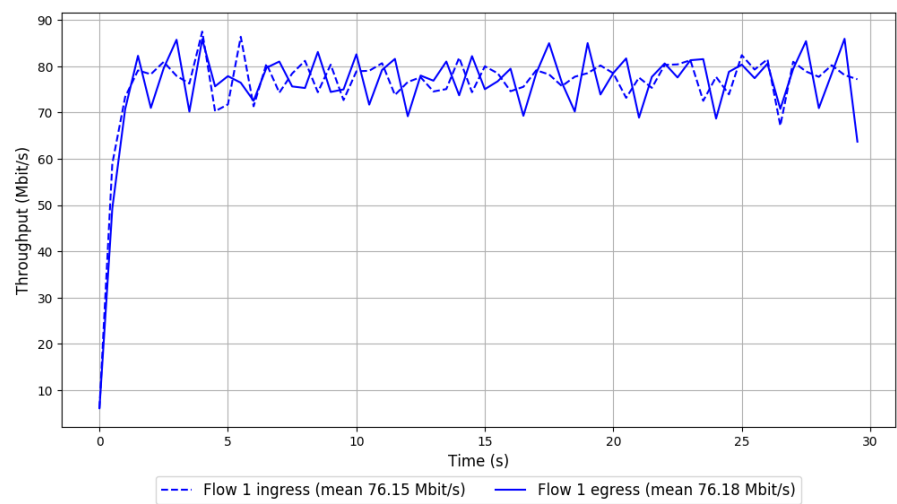


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-27 12:00:06  
End at: 2018-02-27 12:00:36  
Local clock offset: -7.223 ms  
Remote clock offset: -4.954 ms

# Below is generated by plot.py at 2018-02-27 18:30:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.18 Mbit/s  
95th percentile per-packet one-way delay: 93.461 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 76.18 Mbit/s  
95th percentile per-packet one-way delay: 93.461 ms  
Loss rate: 0.51%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-27 12:22:07

End at: 2018-02-27 12:22:37

Local clock offset: -8.574 ms

Remote clock offset: 0.108 ms

# Below is generated by plot.py at 2018-02-27 18:30:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.17 Mbit/s

95th percentile per-packet one-way delay: 91.011 ms

Loss rate: 0.55%

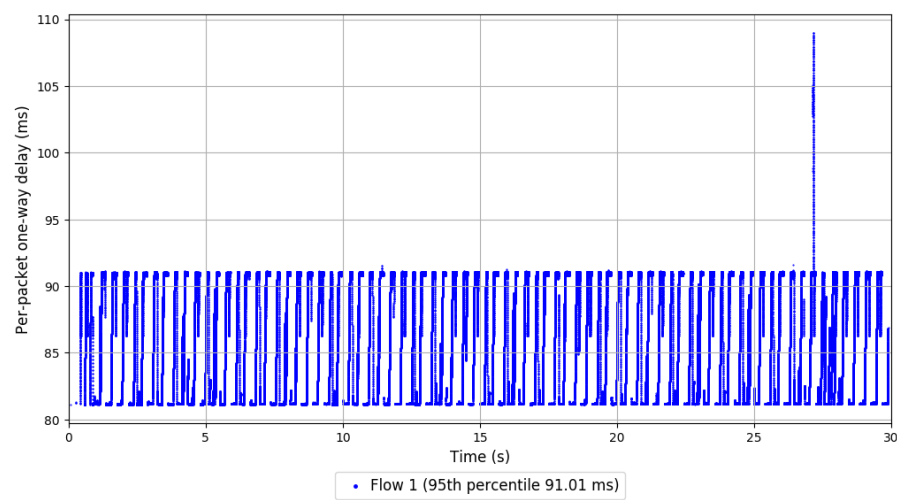
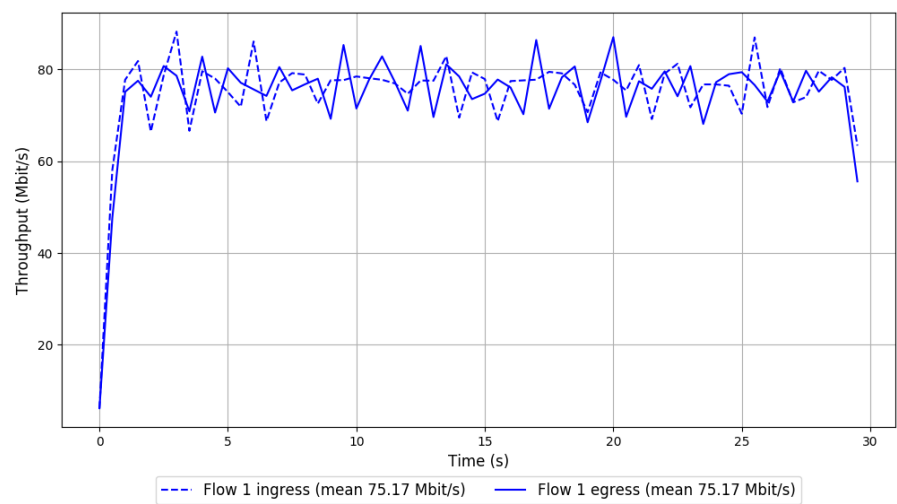
-- Flow 1:

Average throughput: 75.17 Mbit/s

95th percentile per-packet one-way delay: 91.011 ms

Loss rate: 0.55%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-02-27 12:44:08

End at: 2018-02-27 12:44:38

Local clock offset: -8.729 ms

Remote clock offset: 0.267 ms

# Below is generated by plot.py at 2018-02-27 18:30:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.21 Mbit/s

95th percentile per-packet one-way delay: 89.408 ms

Loss rate: 0.52%

-- Flow 1:

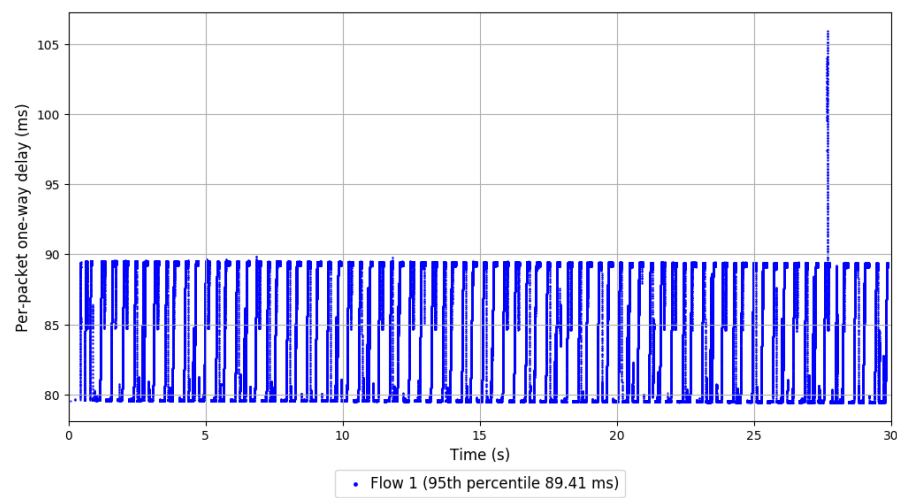
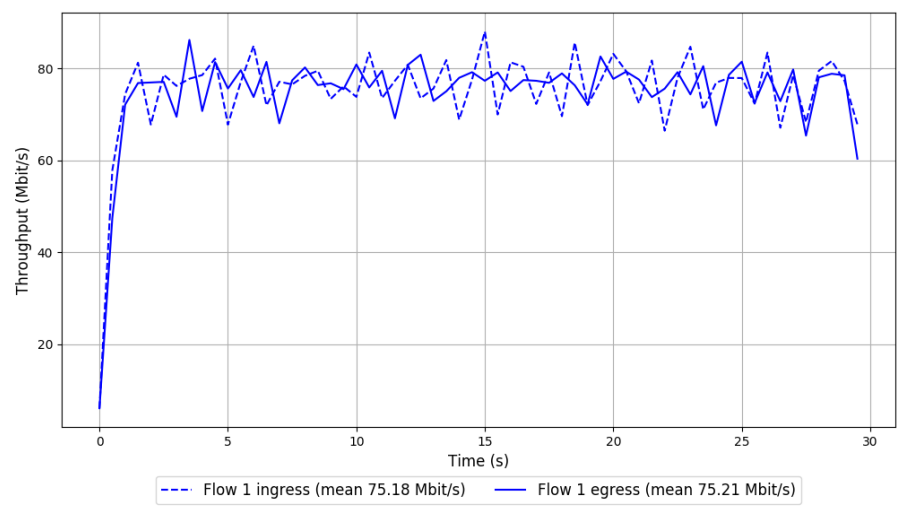
Average throughput: 75.21 Mbit/s

95th percentile per-packet one-way delay: 89.408 ms

Loss rate: 0.52%



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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-27 13:06:08

End at: 2018-02-27 13:06:38

Local clock offset: -5.734 ms

Remote clock offset: -0.351 ms

# Below is generated by plot.py at 2018-02-27 18:30:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.05 Mbit/s

95th percentile per-packet one-way delay: 88.215 ms

Loss rate: 0.53%

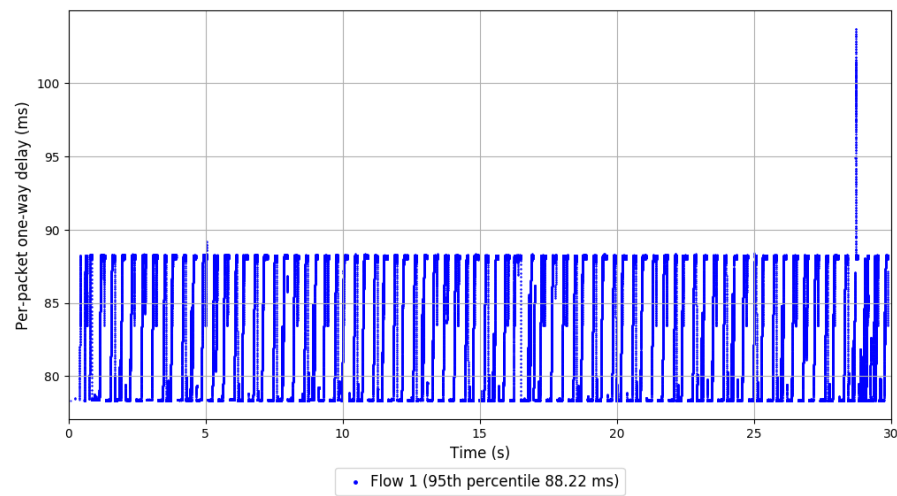
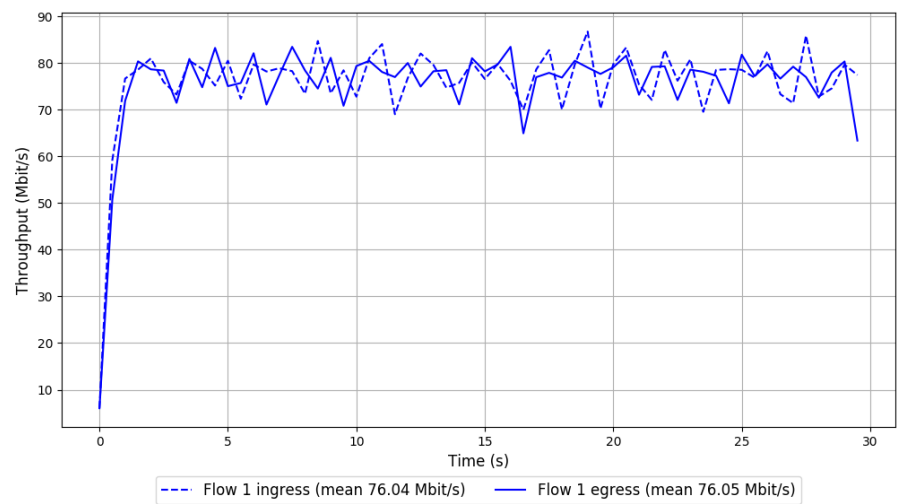
-- Flow 1:

Average throughput: 76.05 Mbit/s

95th percentile per-packet one-way delay: 88.215 ms

Loss rate: 0.53%

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

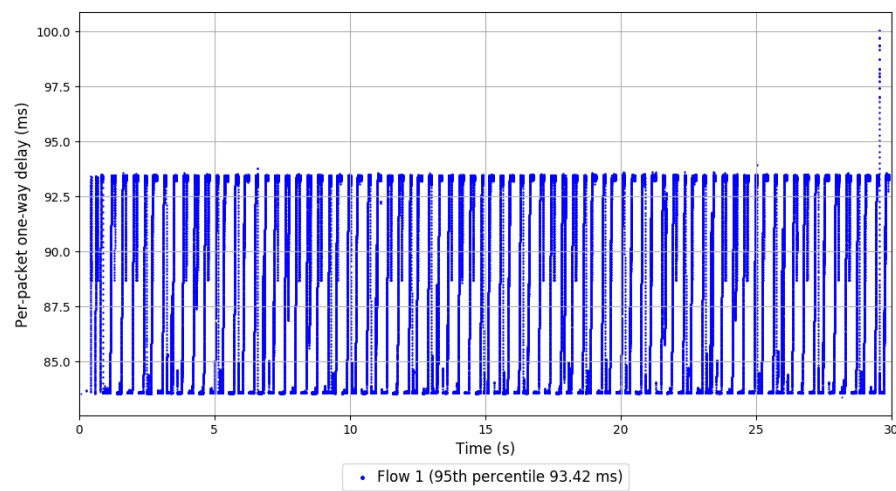
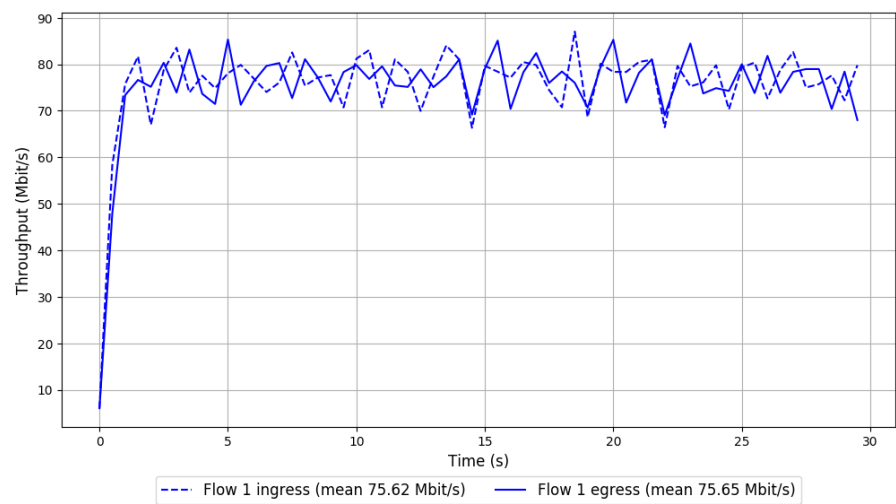


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-27 13:28:08  
End at: 2018-02-27 13:28:38  
Local clock offset: -6.888 ms  
Remote clock offset: -5.456 ms

# Below is generated by plot.py at 2018-02-27 18:30:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.65 Mbit/s  
95th percentile per-packet one-way delay: 93.423 ms  
Loss rate: 0.52%  
-- Flow 1:  
Average throughput: 75.65 Mbit/s  
95th percentile per-packet one-way delay: 93.423 ms  
Loss rate: 0.52%

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

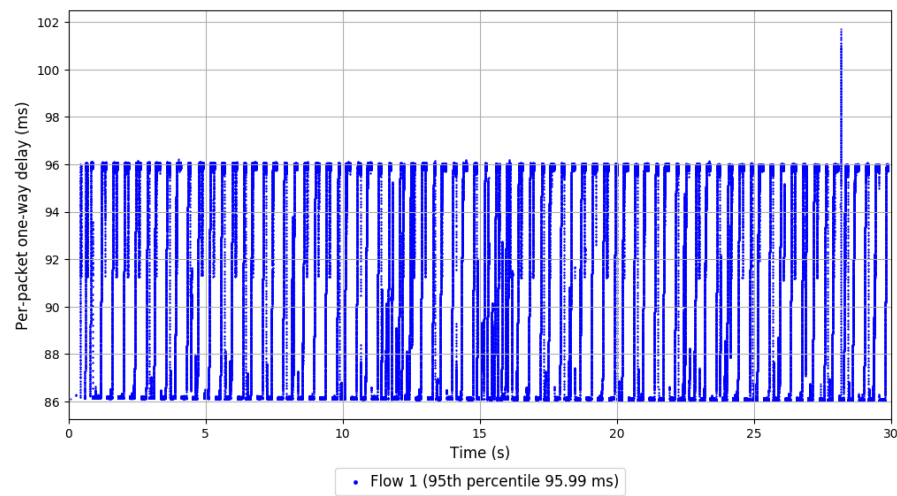
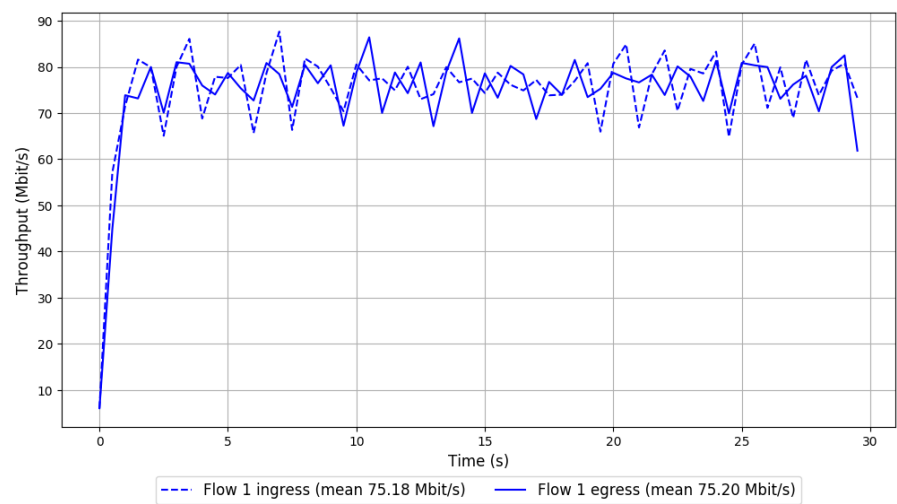


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-27 13:50:31  
End at: 2018-02-27 13:51:01  
Local clock offset: -7.571 ms  
Remote clock offset: -5.919 ms

# Below is generated by plot.py at 2018-02-27 18:30:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.20 Mbit/s  
95th percentile per-packet one-way delay: 95.987 ms  
Loss rate: 0.54%  
-- Flow 1:  
Average throughput: 75.20 Mbit/s  
95th percentile per-packet one-way delay: 95.987 ms  
Loss rate: 0.54%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-02-27 14:12:34

End at: 2018-02-27 14:13:04

Local clock offset: -5.824 ms

Remote clock offset: -5.512 ms

# Below is generated by plot.py at 2018-02-27 18:32:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.45 Mbit/s

95th percentile per-packet one-way delay: 94.920 ms

Loss rate: 0.62%

-- Flow 1:

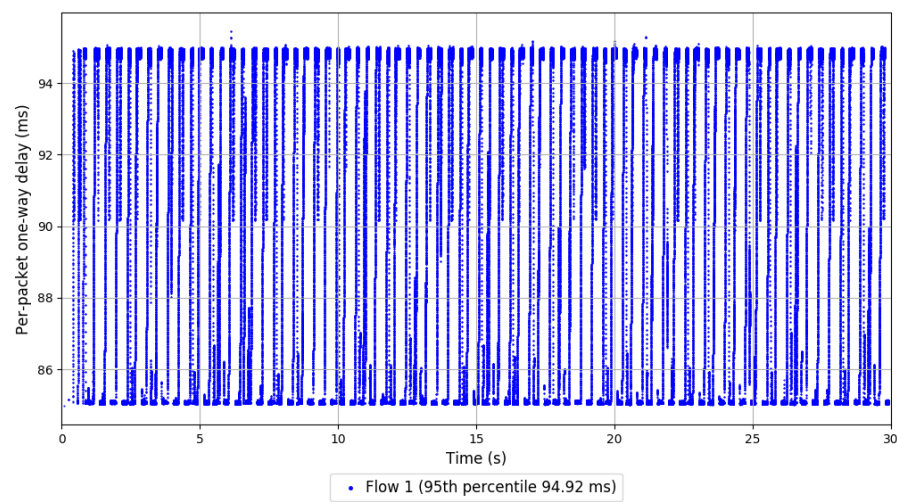
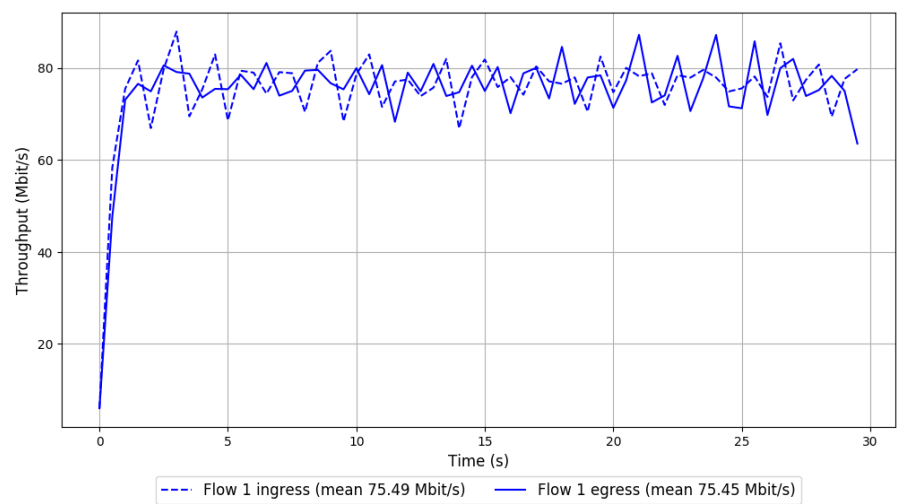
Average throughput: 75.45 Mbit/s

95th percentile per-packet one-way delay: 94.920 ms

Loss rate: 0.62%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-27 14:34:45

End at: 2018-02-27 14:35:15

Local clock offset: -5.408 ms

Remote clock offset: -6.134 ms

# Below is generated by plot.py at 2018-02-27 18:32:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.14 Mbit/s

95th percentile per-packet one-way delay: 94.259 ms

Loss rate: 0.59%

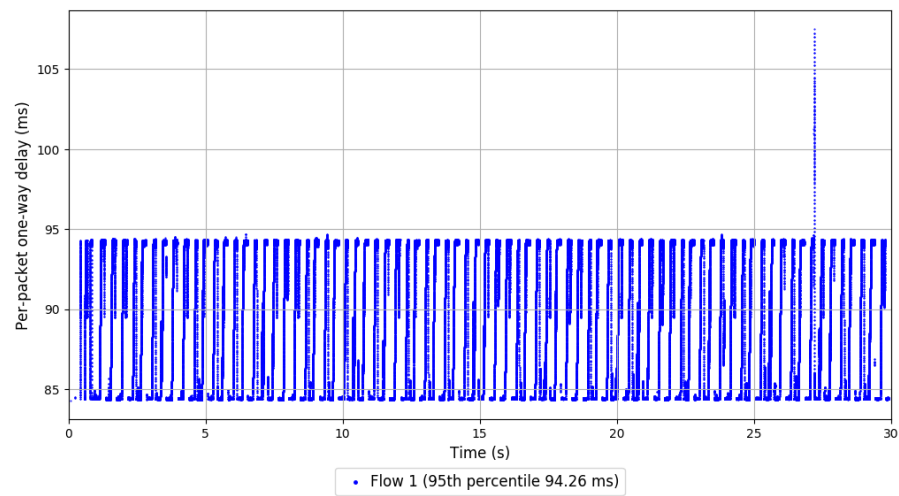
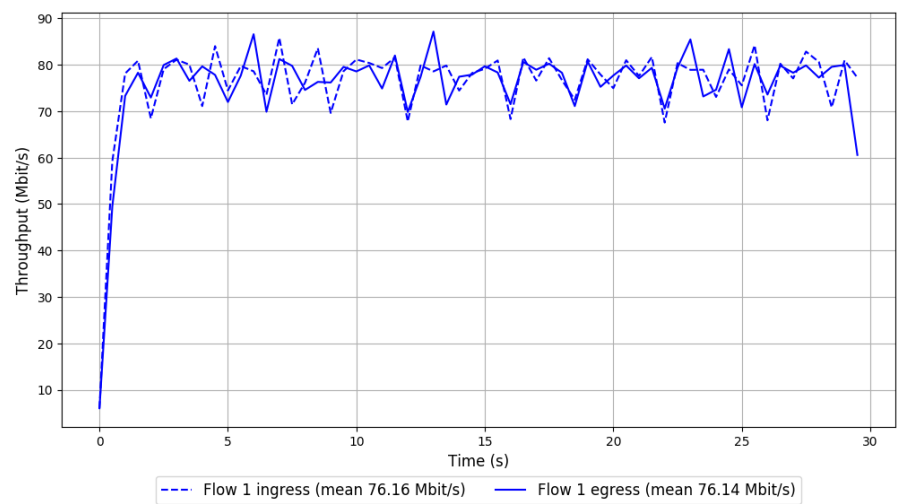
-- Flow 1:

Average throughput: 76.14 Mbit/s

95th percentile per-packet one-way delay: 94.259 ms

Loss rate: 0.59%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-02-27 10:56:32

End at: 2018-02-27 10:57:02

Local clock offset: -2.916 ms

Remote clock offset: -6.27 ms

# Below is generated by plot.py at 2018-02-27 18:32:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.73 Mbit/s

95th percentile per-packet one-way delay: 88.828 ms

Loss rate: 0.57%

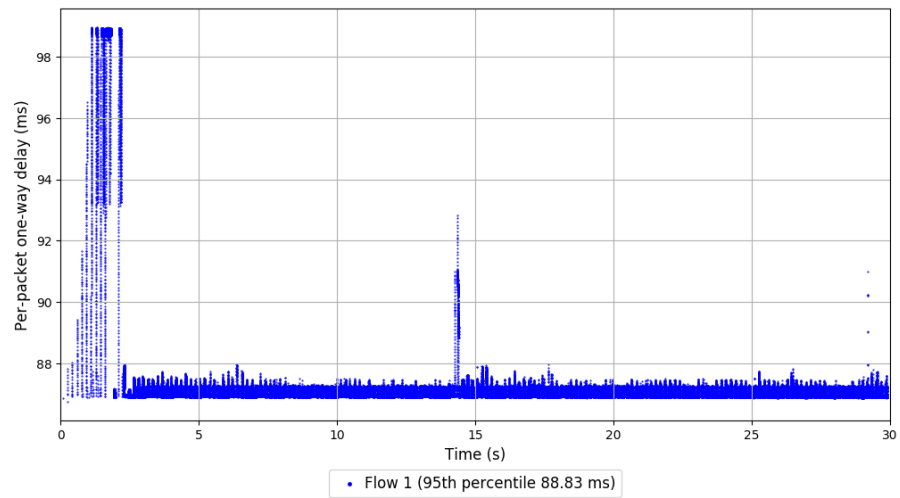
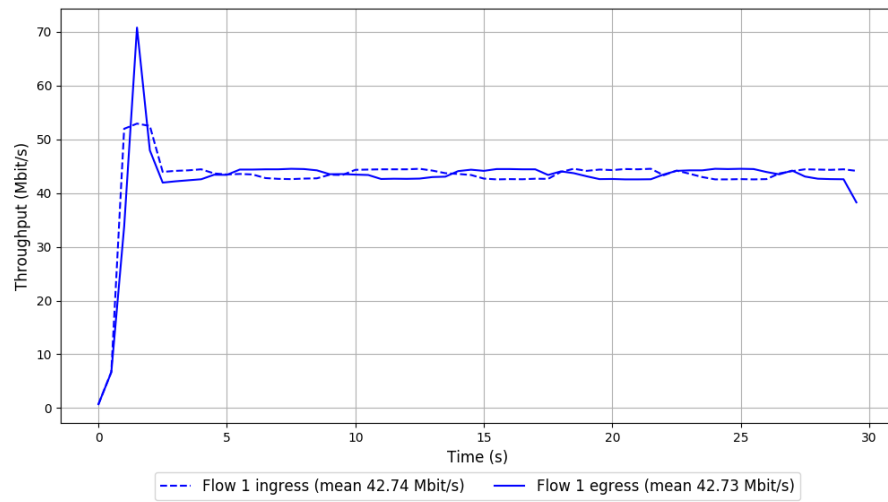
-- Flow 1:

Average throughput: 42.73 Mbit/s

95th percentile per-packet one-way delay: 88.828 ms

Loss rate: 0.57%

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

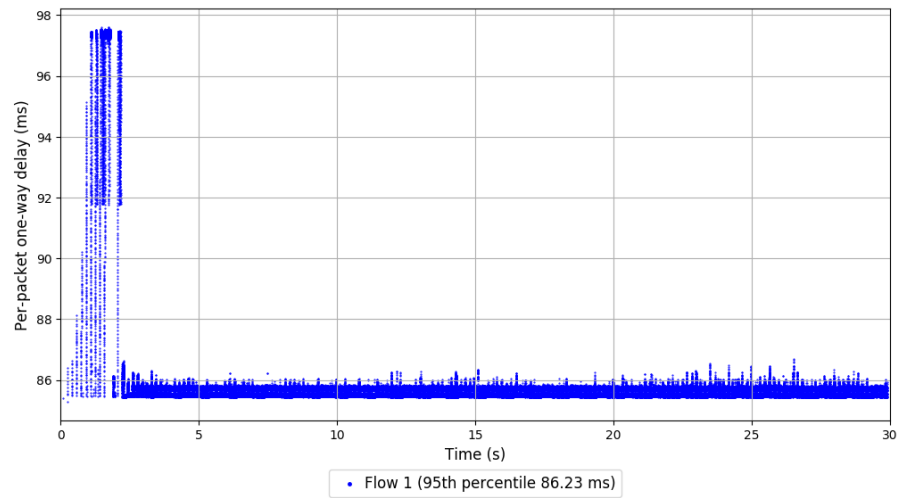
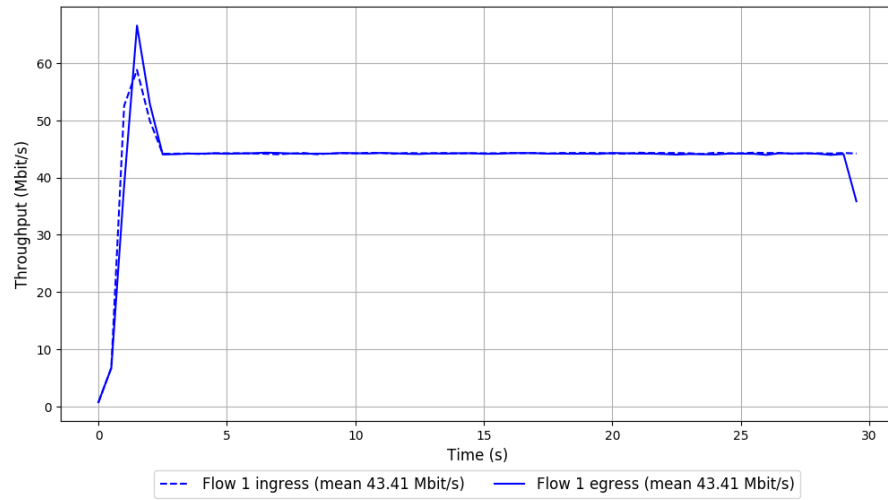


Run 2: Statistics of TCP Vegas

Start at: 2018-02-27 11:18:29  
End at: 2018-02-27 11:19:00  
Local clock offset: -2.241 ms  
Remote clock offset: -6.309 ms

# Below is generated by plot.py at 2018-02-27 18:32:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 43.41 Mbit/s  
95th percentile per-packet one-way delay: 86.228 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 43.41 Mbit/s  
95th percentile per-packet one-way delay: 86.228 ms  
Loss rate: 0.57%

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



Run 3: Statistics of TCP Vegas

Start at: 2018-02-27 11:40:30

End at: 2018-02-27 11:41:00

Local clock offset: -4.378 ms

Remote clock offset: -6.18 ms

# Below is generated by plot.py at 2018-02-27 18:32:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.20 Mbit/s

95th percentile per-packet one-way delay: 86.835 ms

Loss rate: 0.57%

-- Flow 1:

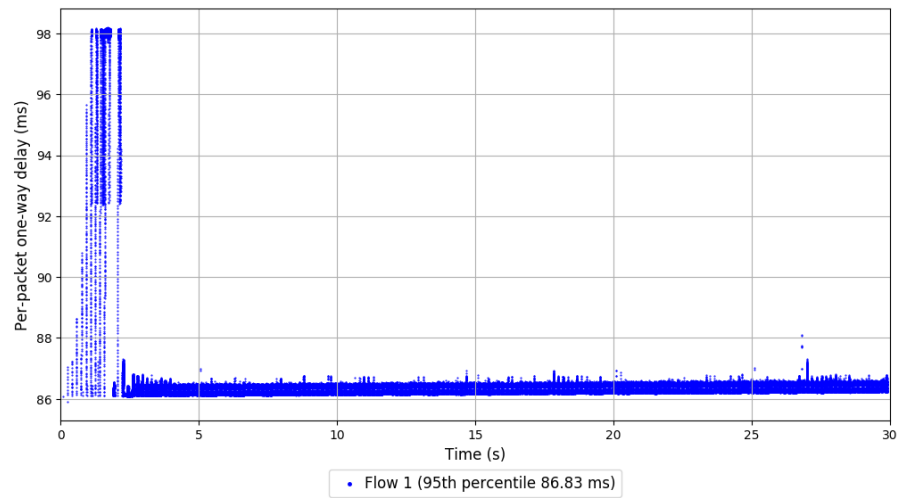
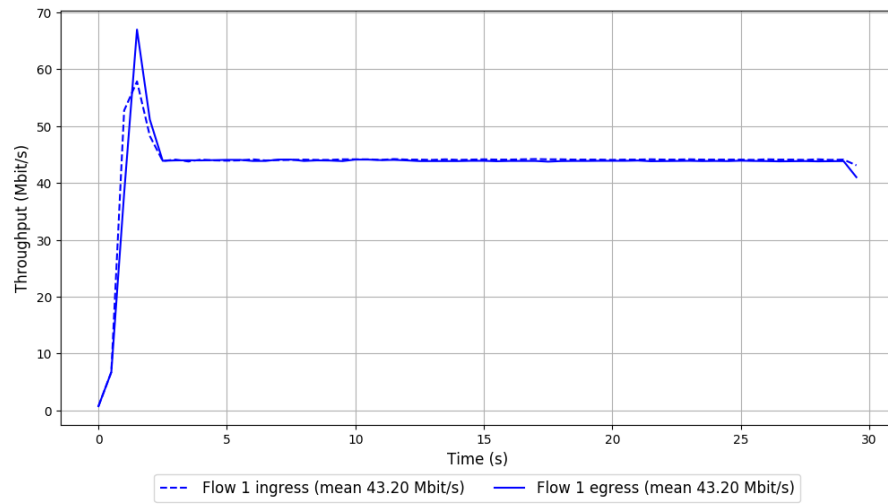
Average throughput: 43.20 Mbit/s

95th percentile per-packet one-way delay: 86.835 ms

Loss rate: 0.57%



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

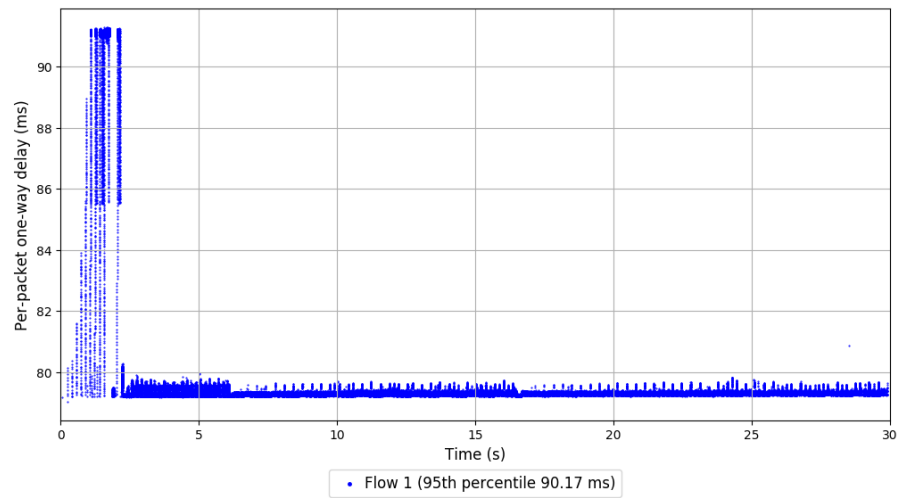
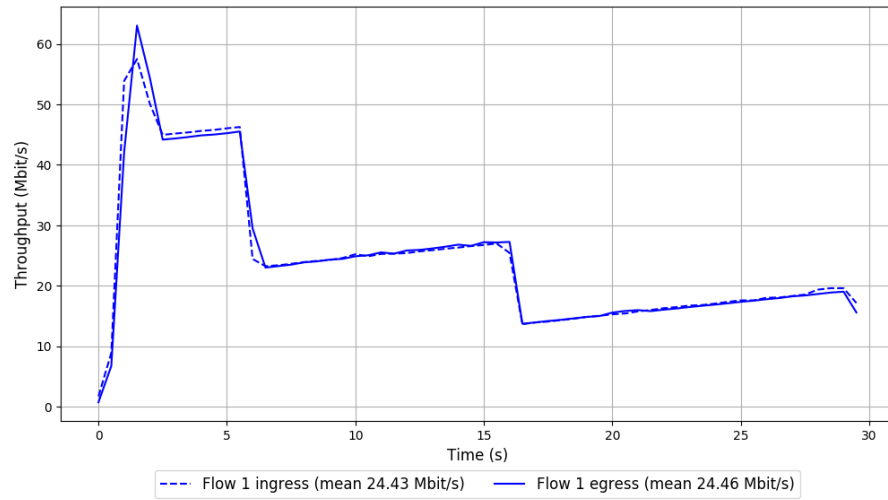


Run 4: Statistics of TCP Vegas

Start at: 2018-02-27 12:02:32  
End at: 2018-02-27 12:03:02  
Local clock offset: -7.436 ms  
Remote clock offset: -0.971 ms

# Below is generated by plot.py at 2018-02-27 18:32:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.46 Mbit/s  
95th percentile per-packet one-way delay: 90.170 ms  
Loss rate: 0.44%  
-- Flow 1:  
Average throughput: 24.46 Mbit/s  
95th percentile per-packet one-way delay: 90.170 ms  
Loss rate: 0.44%

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

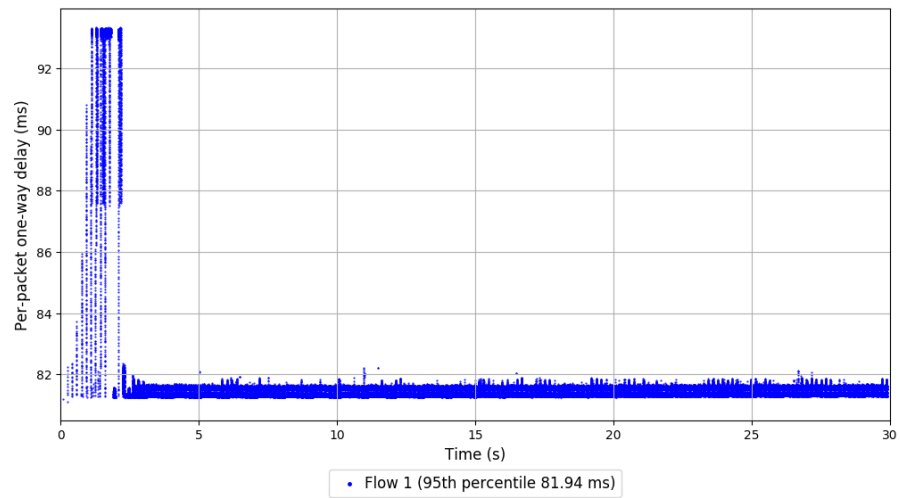
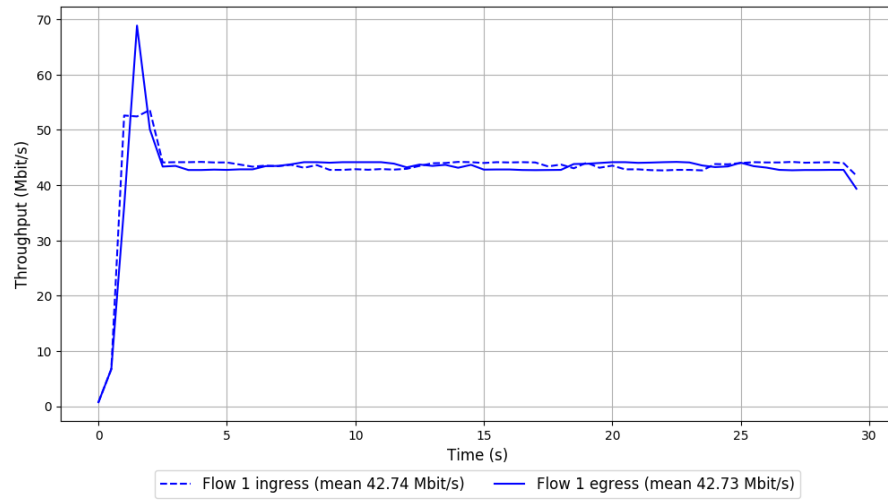


Run 5: Statistics of TCP Vegas

Start at: 2018-02-27 12:24:33  
End at: 2018-02-27 12:25:03  
Local clock offset: -8.625 ms  
Remote clock offset: -0.732 ms

# Below is generated by plot.py at 2018-02-27 18:32:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.73 Mbit/s  
95th percentile per-packet one-way delay: 81.938 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 42.73 Mbit/s  
95th percentile per-packet one-way delay: 81.938 ms  
Loss rate: 0.57%

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

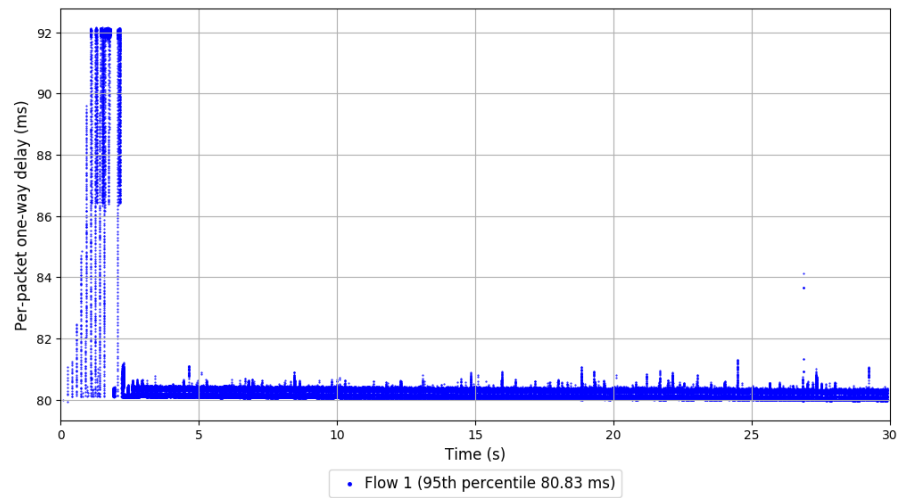
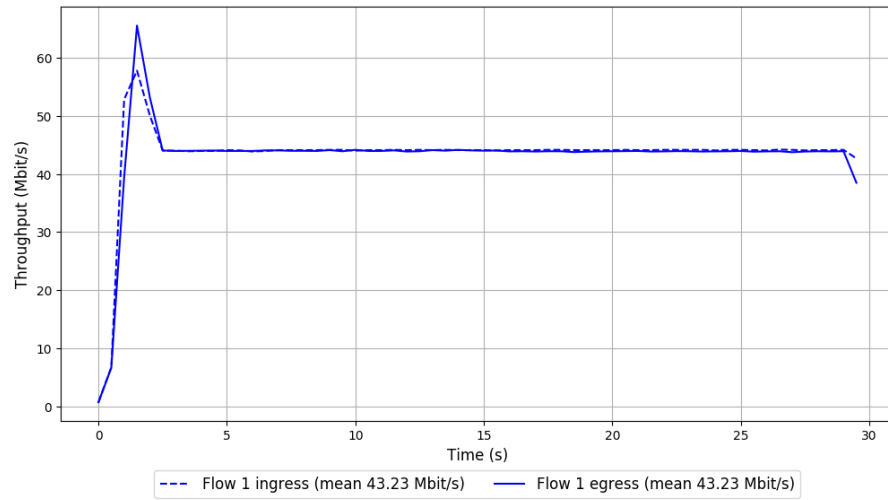


Run 6: Statistics of TCP Vegas

Start at: 2018-02-27 12:46:33  
End at: 2018-02-27 12:47:03  
Local clock offset: -7.936 ms  
Remote clock offset: 0.356 ms

# Below is generated by plot.py at 2018-02-27 18:32:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 43.23 Mbit/s  
95th percentile per-packet one-way delay: 80.828 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 43.23 Mbit/s  
95th percentile per-packet one-way delay: 80.828 ms  
Loss rate: 0.57%

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



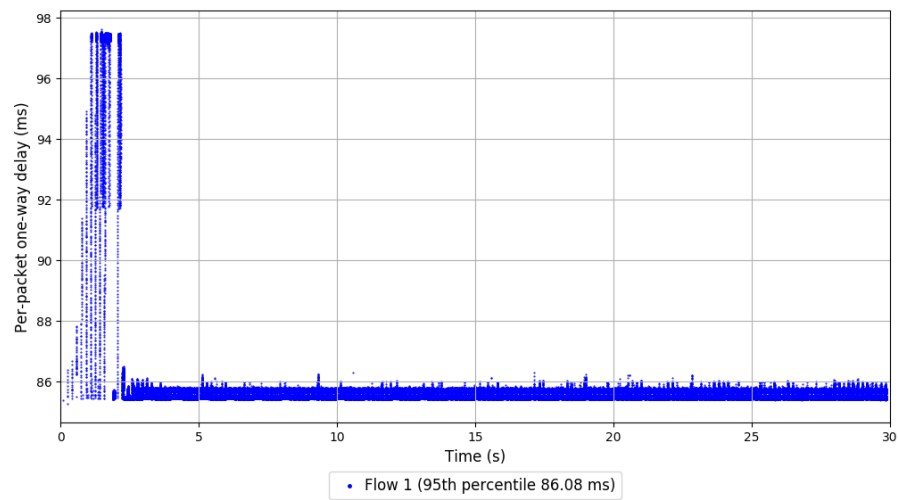
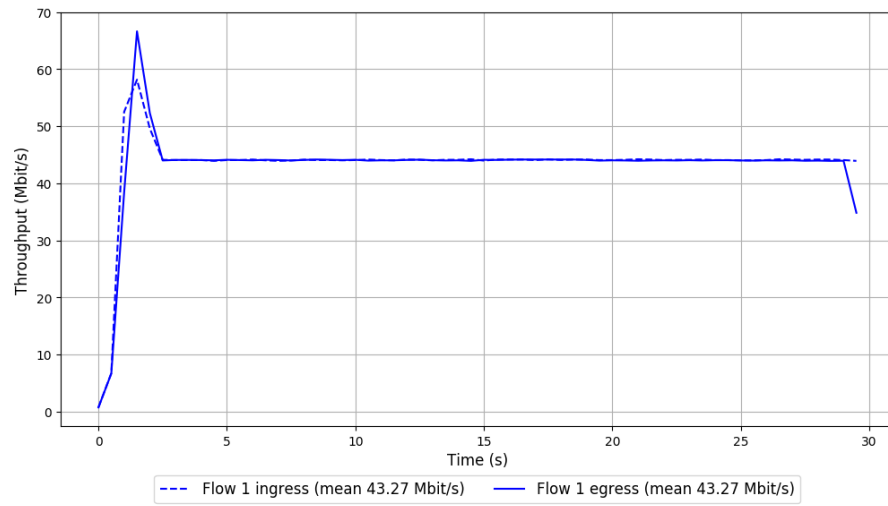
Run 7: Statistics of TCP Vegas

Start at: 2018-02-27 13:08:33  
End at: 2018-02-27 13:09:04  
Local clock offset: -5.676 ms  
Remote clock offset: -6.046 ms

# Below is generated by plot.py at 2018-02-27 18:32:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 43.27 Mbit/s  
95th percentile per-packet one-way delay: 86.077 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 43.27 Mbit/s  
95th percentile per-packet one-way delay: 86.077 ms  
Loss rate: 0.57%



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

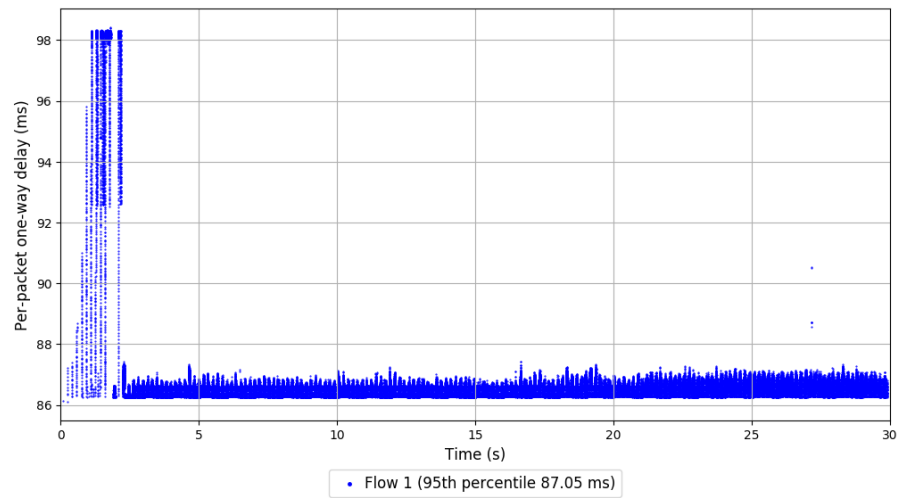
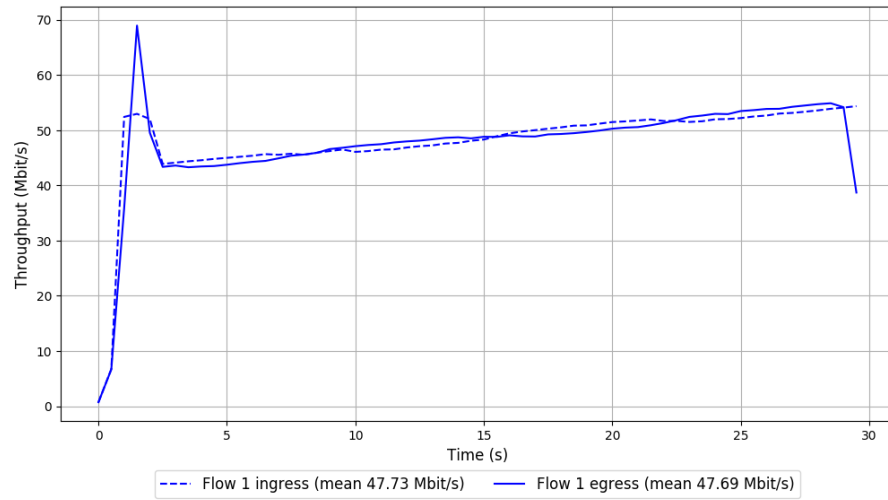


Run 8: Statistics of TCP Vegas

Start at: 2018-02-27 13:30:34  
End at: 2018-02-27 13:31:04  
Local clock offset: -7.03 ms  
Remote clock offset: -5.536 ms

# Below is generated by plot.py at 2018-02-27 18:32:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 47.69 Mbit/s  
95th percentile per-packet one-way delay: 87.051 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 47.69 Mbit/s  
95th percentile per-packet one-way delay: 87.051 ms  
Loss rate: 0.64%

# Run 8: Report of TCP Vegas — Data Link

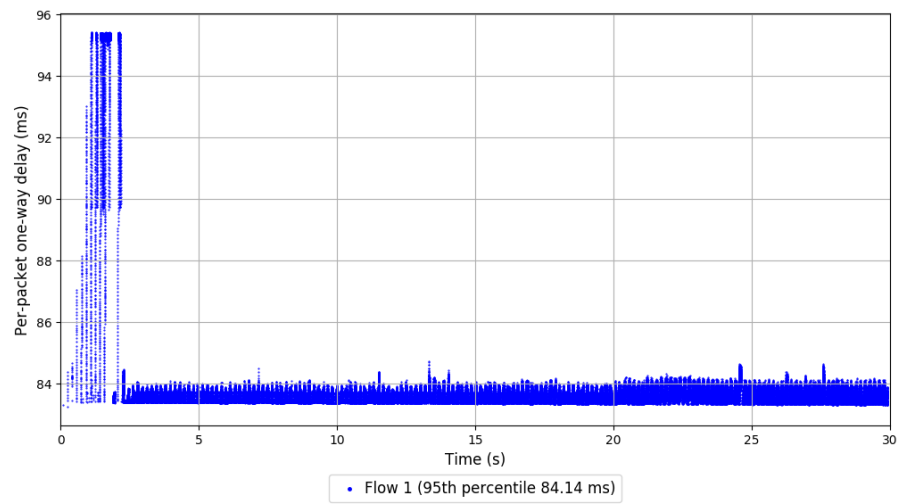
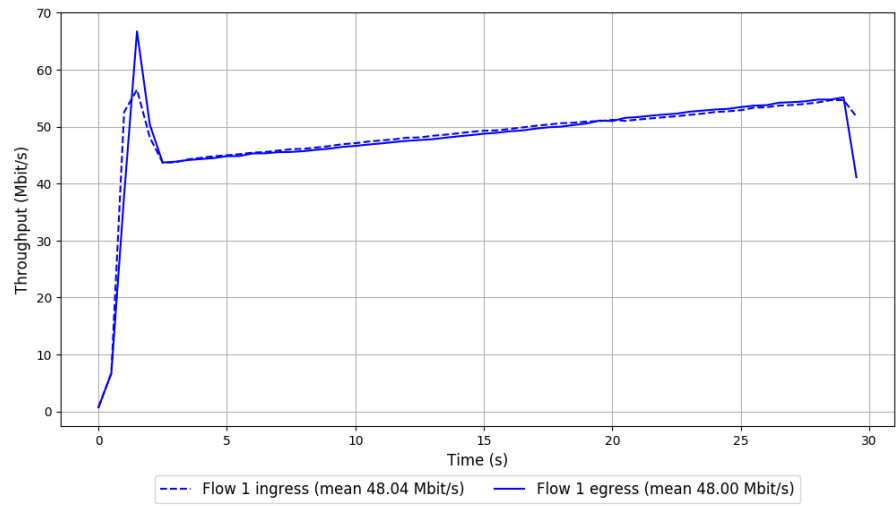


Run 9: Statistics of TCP Vegas

Start at: 2018-02-27 13:52:57  
End at: 2018-02-27 13:53:27  
Local clock offset: -7.127 ms  
Remote clock offset: -5.983 ms

# Below is generated by plot.py at 2018-02-27 18:32:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 48.00 Mbit/s  
95th percentile per-packet one-way delay: 84.135 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 48.00 Mbit/s  
95th percentile per-packet one-way delay: 84.135 ms  
Loss rate: 0.63%

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



Run 10: Statistics of TCP Vegas

Start at: 2018-02-27 14:15:09

End at: 2018-02-27 14:15:39

Local clock offset: -5.744 ms

Remote clock offset: -5.48 ms

# Below is generated by plot.py at 2018-02-27 18:32:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.68 Mbit/s

95th percentile per-packet one-way delay: 86.997 ms

Loss rate: 0.57%

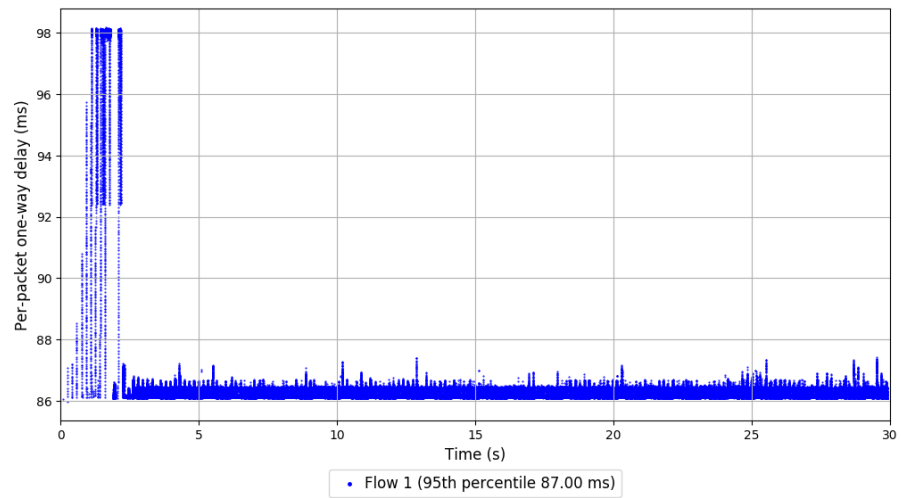
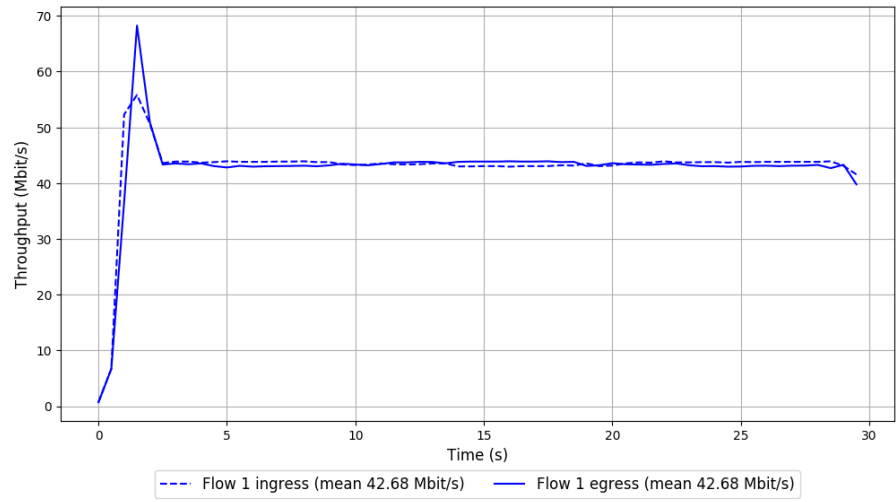
-- Flow 1:

Average throughput: 42.68 Mbit/s

95th percentile per-packet one-way delay: 86.997 ms

Loss rate: 0.57%

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



Run 1: Statistics of Verus

Start at: 2018-02-27 11:06:22

End at: 2018-02-27 11:06:52

Local clock offset: -2.605 ms

Remote clock offset: -0.57 ms

# Below is generated by plot.py at 2018-02-27 18:32:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.07 Mbit/s

95th percentile per-packet one-way delay: 92.256 ms

Loss rate: 0.70%

-- Flow 1:

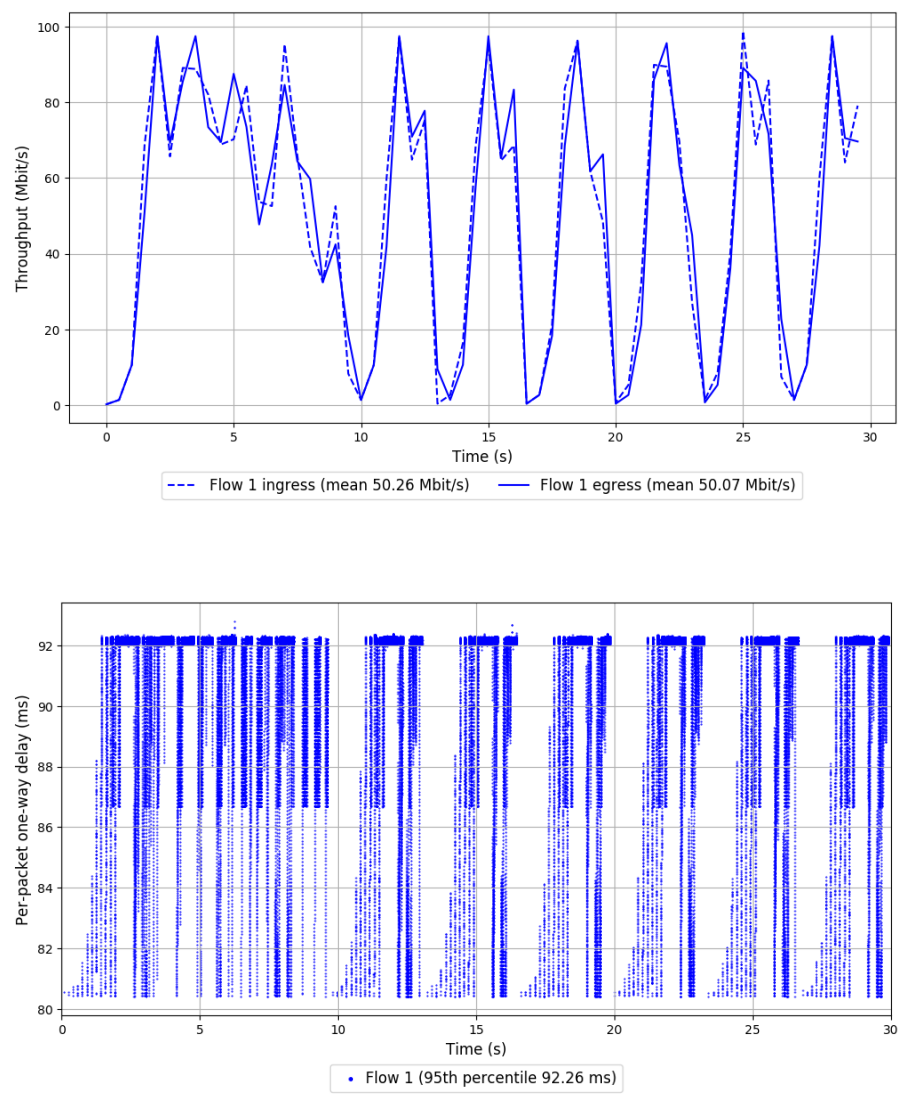
Average throughput: 50.07 Mbit/s

95th percentile per-packet one-way delay: 92.256 ms

Loss rate: 0.70%



Run 1: Report of Verus — Data Link

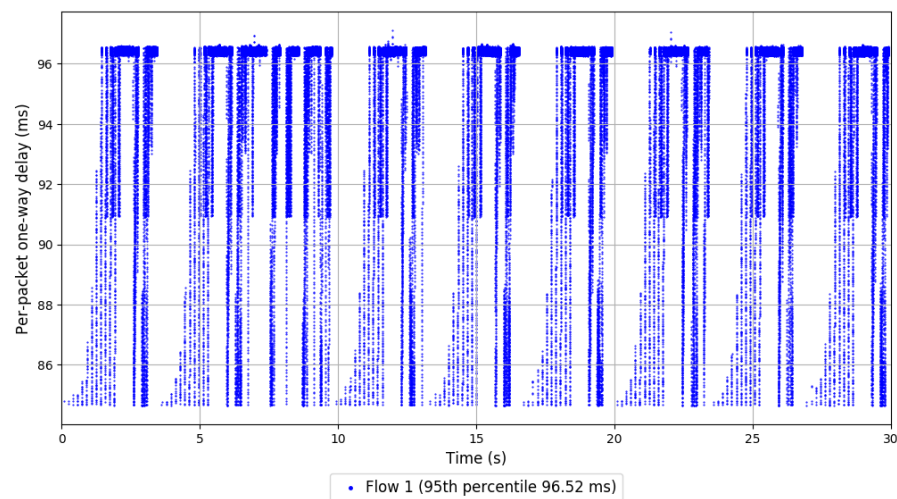
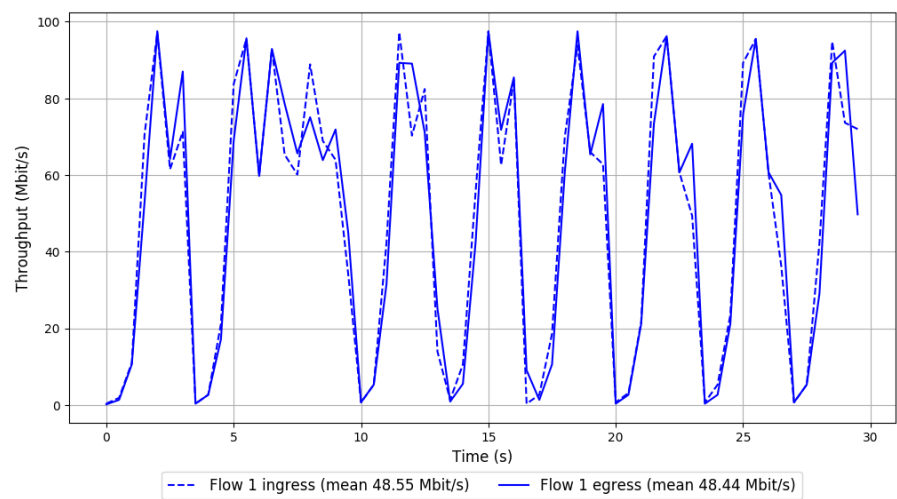


Run 2: Statistics of Verus

Start at: 2018-02-27 11:28:20  
End at: 2018-02-27 11:28:50  
Local clock offset: -2.024 ms  
Remote clock offset: -5.494 ms

# Below is generated by plot.py at 2018-02-27 18:32:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 48.44 Mbit/s  
95th percentile per-packet one-way delay: 96.522 ms  
Loss rate: 0.76%  
-- Flow 1:  
Average throughput: 48.44 Mbit/s  
95th percentile per-packet one-way delay: 96.522 ms  
Loss rate: 0.76%

Run 2: Report of Verus — Data Link

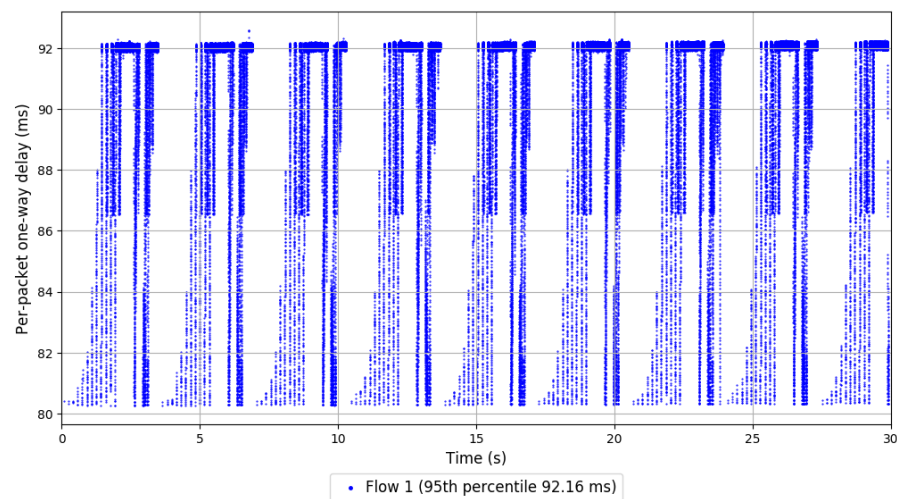
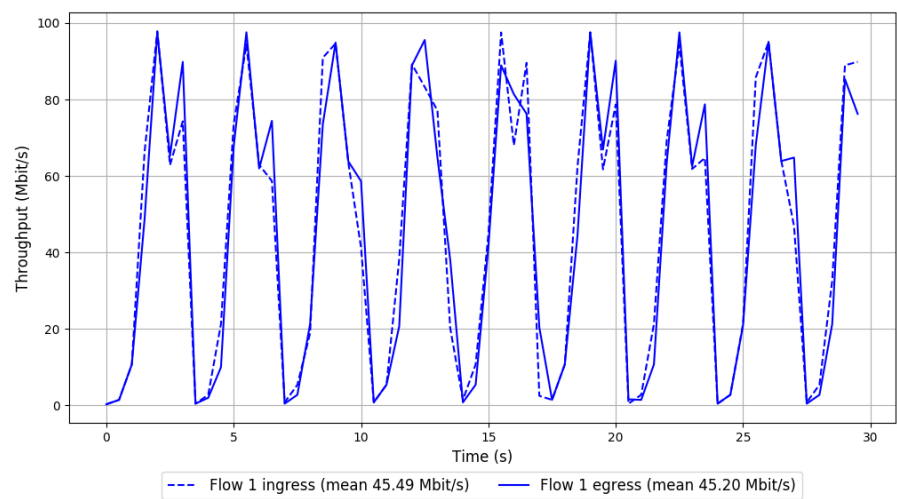


Run 3: Statistics of Verus

Start at: 2018-02-27 11:50:21  
End at: 2018-02-27 11:50:51  
Local clock offset: -6.262 ms  
Remote clock offset: -0.284 ms

# Below is generated by plot.py at 2018-02-27 18:32:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 45.20 Mbit/s  
95th percentile per-packet one-way delay: 92.164 ms  
Loss rate: 1.16%  
-- Flow 1:  
Average throughput: 45.20 Mbit/s  
95th percentile per-packet one-way delay: 92.164 ms  
Loss rate: 1.16%

Run 3: Report of Verus — Data Link

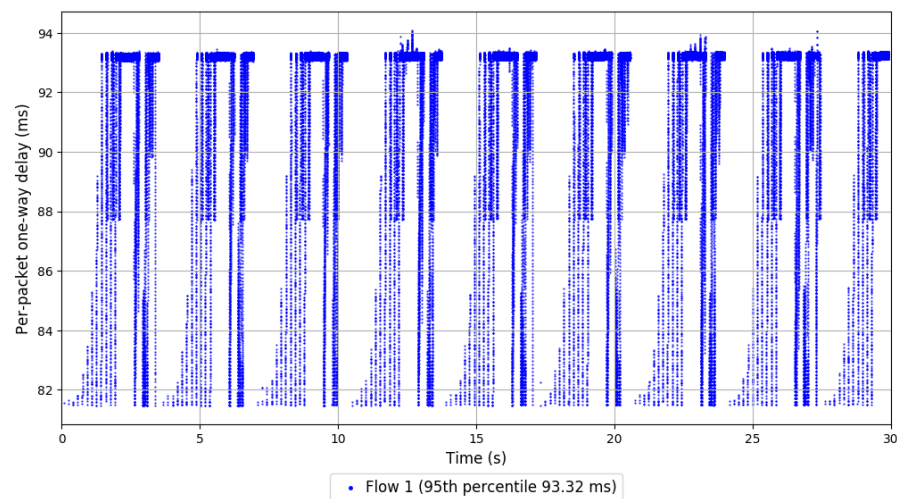
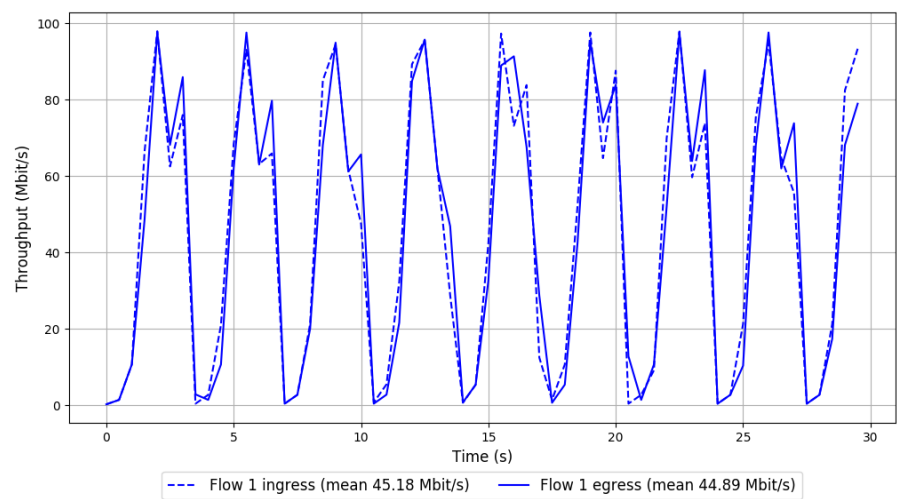


Run 4: Statistics of Verus

Start at: 2018-02-27 12:12:23  
End at: 2018-02-27 12:12:53  
Local clock offset: -7.966 ms  
Remote clock offset: -0.012 ms

# Below is generated by plot.py at 2018-02-27 18:32:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.89 Mbit/s  
95th percentile per-packet one-way delay: 93.321 ms  
Loss rate: 1.20%  
-- Flow 1:  
Average throughput: 44.89 Mbit/s  
95th percentile per-packet one-way delay: 93.321 ms  
Loss rate: 1.20%

Run 4: Report of Verus — Data Link



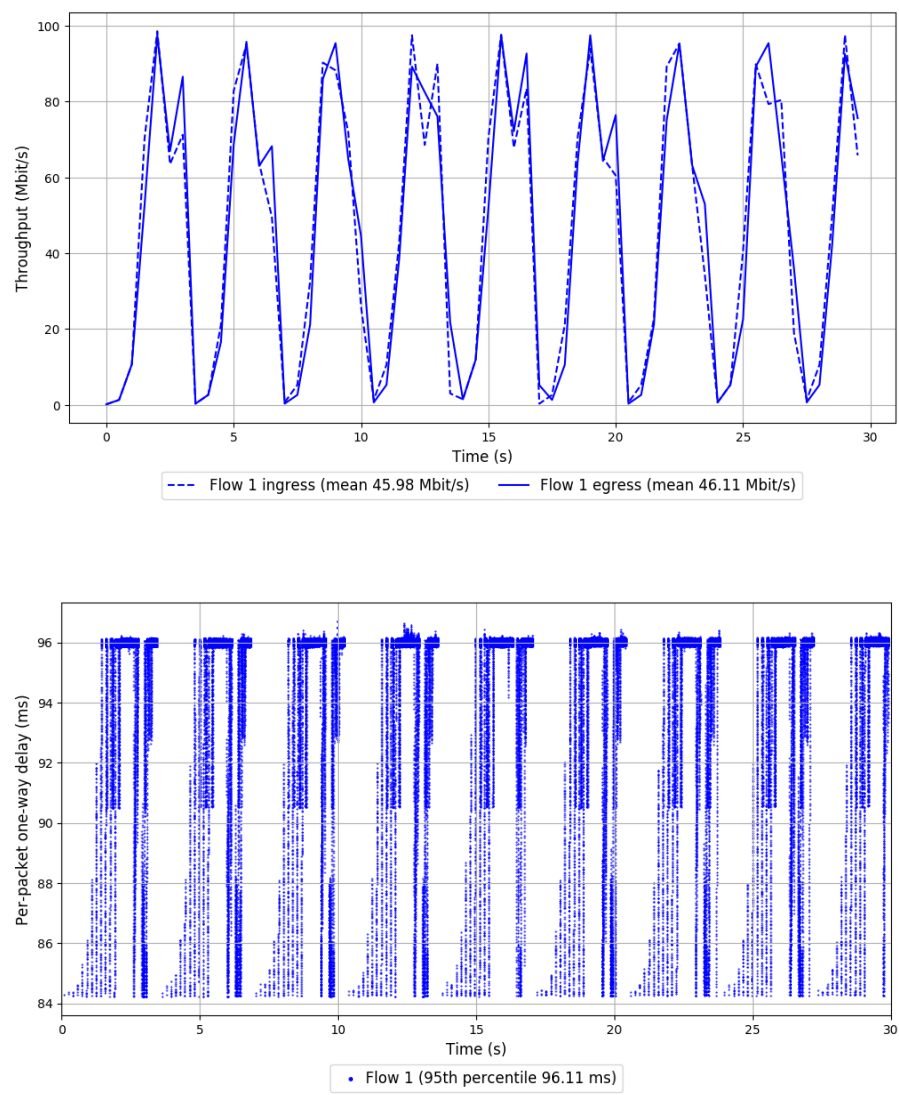
Run 5: Statistics of Verus

Start at: 2018-02-27 12:34:23  
End at: 2018-02-27 12:34:53  
Local clock offset: -9.264 ms  
Remote clock offset: -4.764 ms

# Below is generated by plot.py at 2018-02-27 18:32:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 46.11 Mbit/s  
95th percentile per-packet one-way delay: 96.111 ms  
Loss rate: 0.32%  
-- Flow 1:  
Average throughput: 46.11 Mbit/s  
95th percentile per-packet one-way delay: 96.111 ms  
Loss rate: 0.32%



Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-02-27 12:56:23

End at: 2018-02-27 12:56:53

Local clock offset: -6.246 ms

Remote clock offset: -4.95 ms

# Below is generated by plot.py at 2018-02-27 18:32:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.75 Mbit/s

95th percentile per-packet one-way delay: 97.898 ms

Loss rate: 1.21%

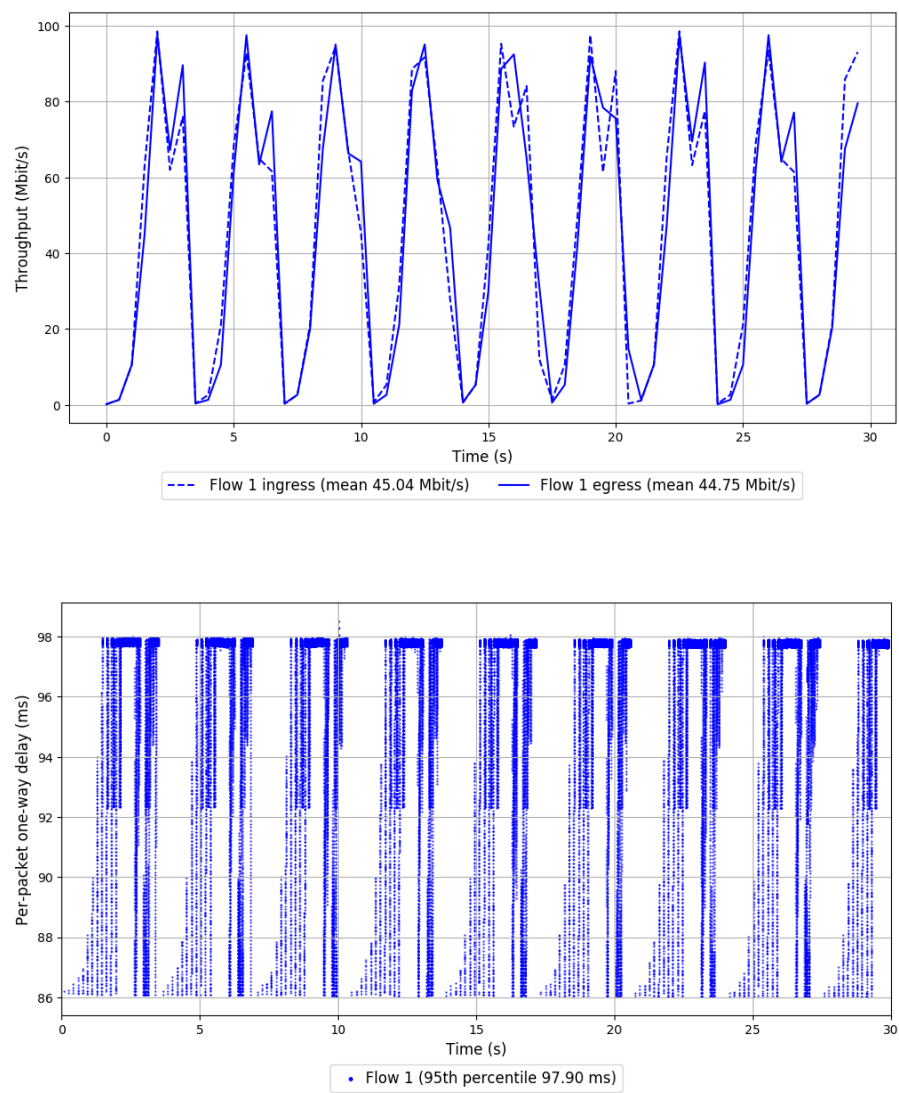
-- Flow 1:

Average throughput: 44.75 Mbit/s

95th percentile per-packet one-way delay: 97.898 ms

Loss rate: 1.21%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-02-27 13:18:23

End at: 2018-02-27 13:18:53

Local clock offset: -5.951 ms

Remote clock offset: -6.17 ms

# Below is generated by plot.py at 2018-02-27 18:32:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.41 Mbit/s

95th percentile per-packet one-way delay: 96.407 ms

Loss rate: 0.49%

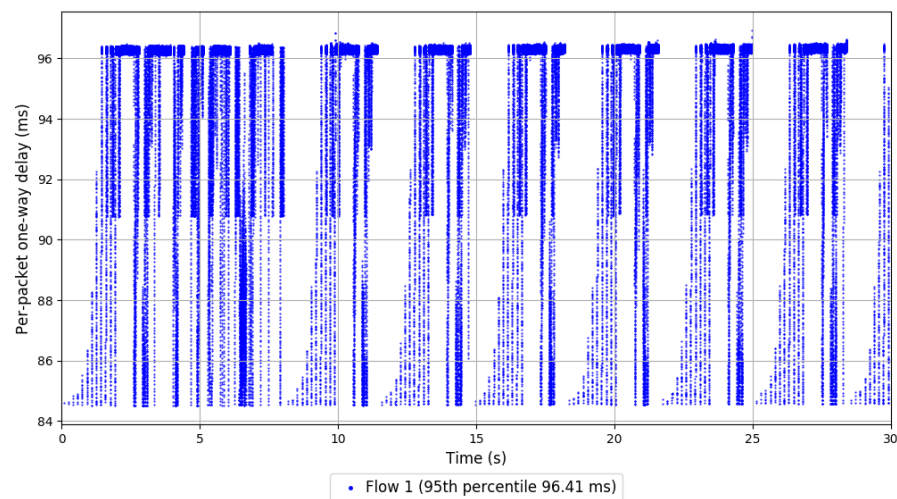
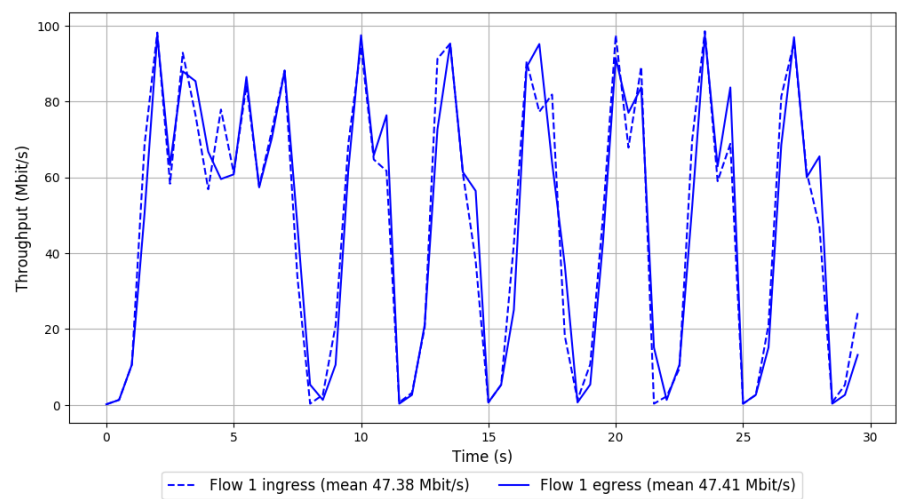
-- Flow 1:

Average throughput: 47.41 Mbit/s

95th percentile per-packet one-way delay: 96.407 ms

Loss rate: 0.49%

Run 7: Report of Verus — Data Link

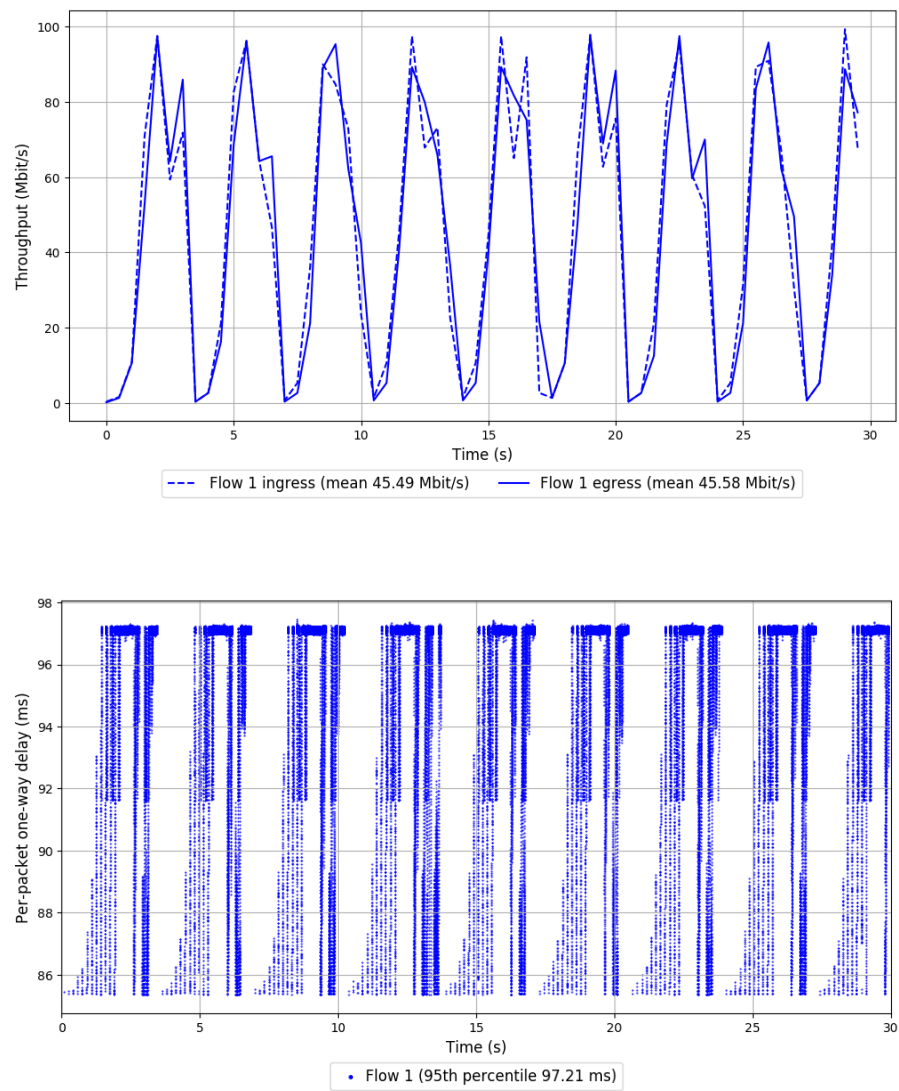


Run 8: Statistics of Verus

Start at: 2018-02-27 13:40:46  
End at: 2018-02-27 13:41:16  
Local clock offset: -7.405 ms  
Remote clock offset: -6.602 ms

# Below is generated by plot.py at 2018-02-27 18:32:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 45.58 Mbit/s  
95th percentile per-packet one-way delay: 97.214 ms  
Loss rate: 0.35%  
-- Flow 1:  
Average throughput: 45.58 Mbit/s  
95th percentile per-packet one-way delay: 97.214 ms  
Loss rate: 0.35%

Run 8: Report of Verus — Data Link



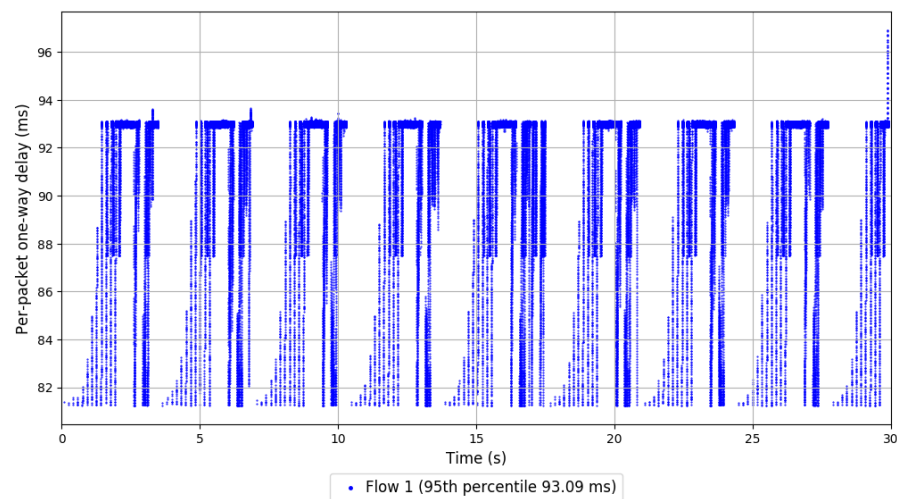
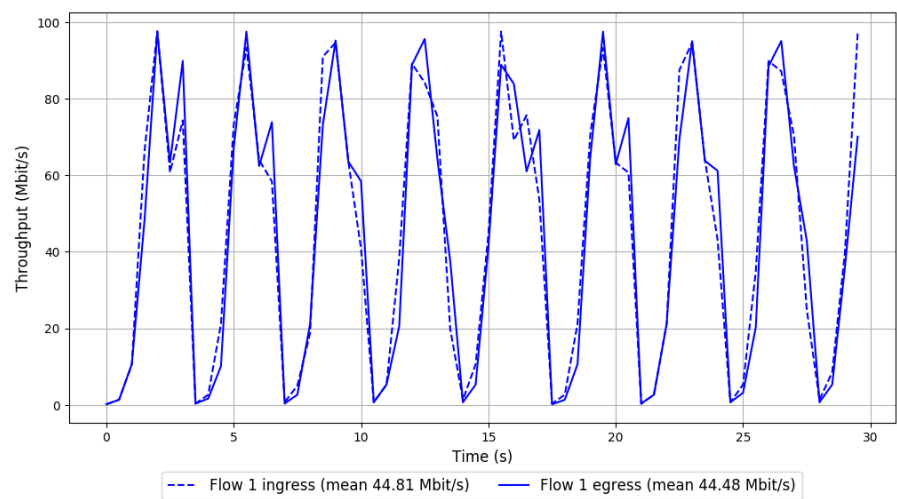
Run 9: Statistics of Verus

Start at: 2018-02-27 14:02:47  
End at: 2018-02-27 14:03:17  
Local clock offset: -6.208 ms  
Remote clock offset: -1.811 ms

# Below is generated by plot.py at 2018-02-27 18:32:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.48 Mbit/s  
95th percentile per-packet one-way delay: 93.086 ms  
Loss rate: 1.30%  
-- Flow 1:  
Average throughput: 44.48 Mbit/s  
95th percentile per-packet one-way delay: 93.086 ms  
Loss rate: 1.30%



Run 9: Report of Verus — Data Link

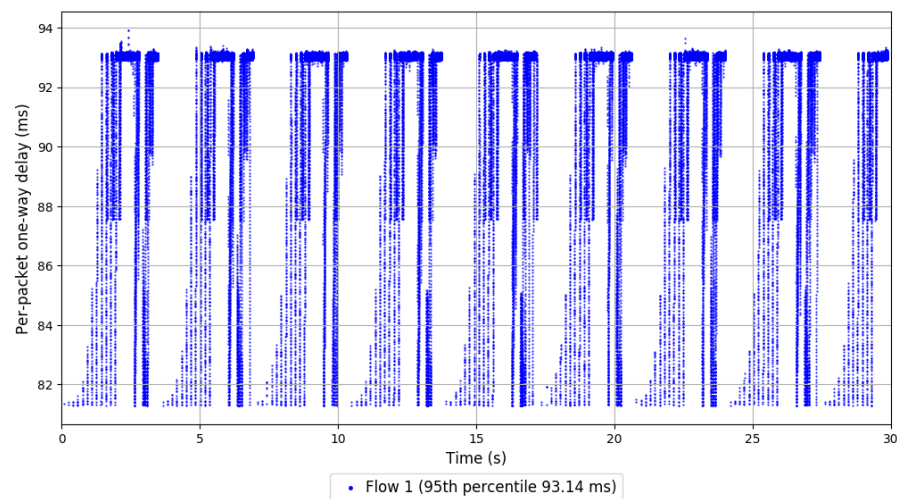
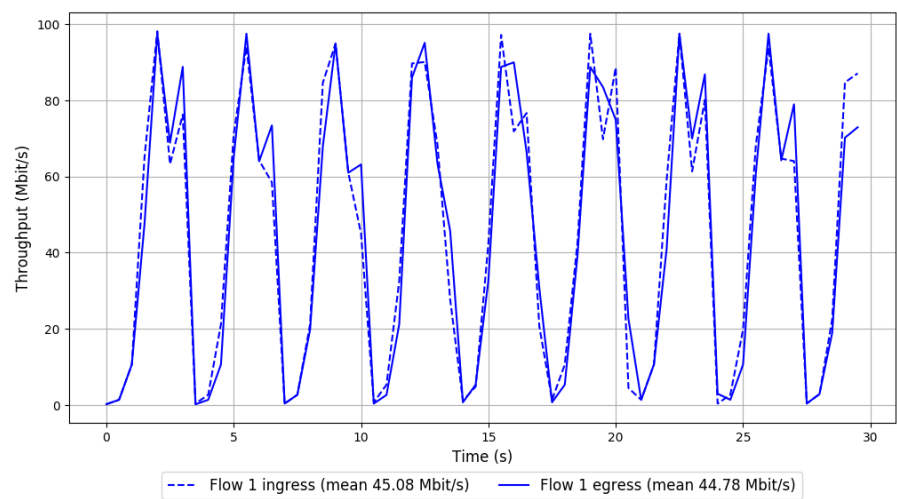


Run 10: Statistics of Verus

Start at: 2018-02-27 14:25:00  
End at: 2018-02-27 14:25:30  
Local clock offset: -5.52 ms  
Remote clock offset: -1.466 ms

# Below is generated by plot.py at 2018-02-27 18:32:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.78 Mbit/s  
95th percentile per-packet one-way delay: 93.136 ms  
Loss rate: 1.20%  
-- Flow 1:  
Average throughput: 44.78 Mbit/s  
95th percentile per-packet one-way delay: 93.136 ms  
Loss rate: 1.20%

Run 10: Report of Verus — Data Link

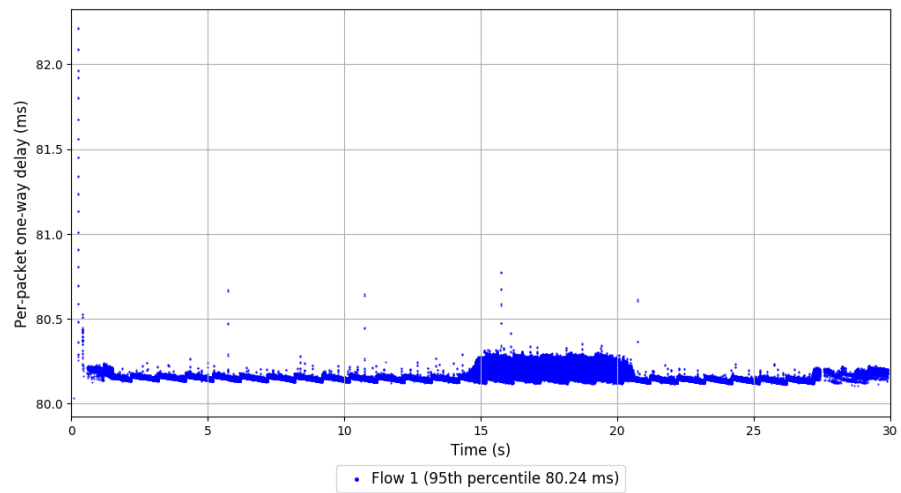
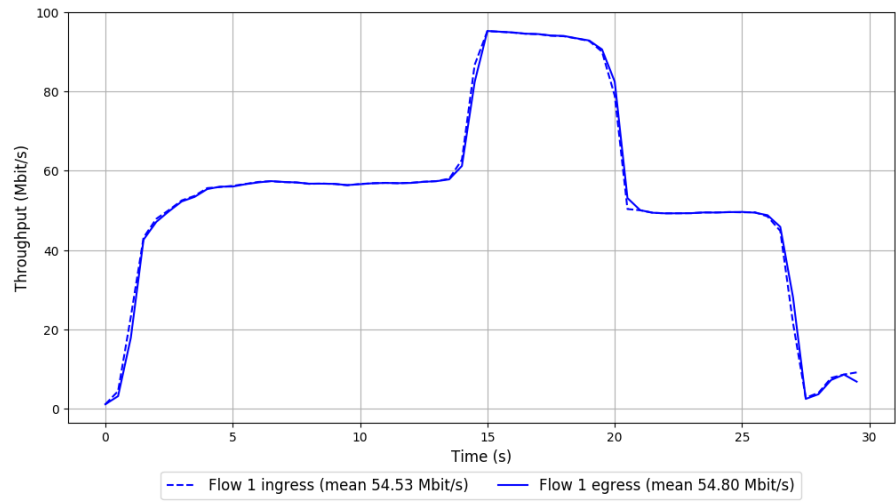


Run 1: Statistics of Copa

Start at: 2018-02-27 11:10:03  
End at: 2018-02-27 11:10:33  
Local clock offset: -2.503 ms  
Remote clock offset: -0.513 ms

# Below is generated by plot.py at 2018-02-27 18:33:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 54.80 Mbit/s  
95th percentile per-packet one-way delay: 80.243 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 54.80 Mbit/s  
95th percentile per-packet one-way delay: 80.243 ms  
Loss rate: 0.11%

### Run 1: Report of Copa — Data Link

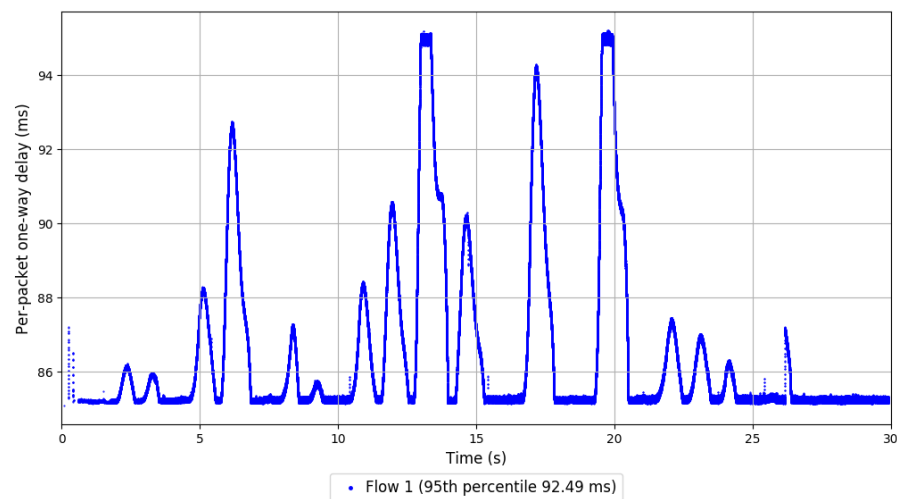
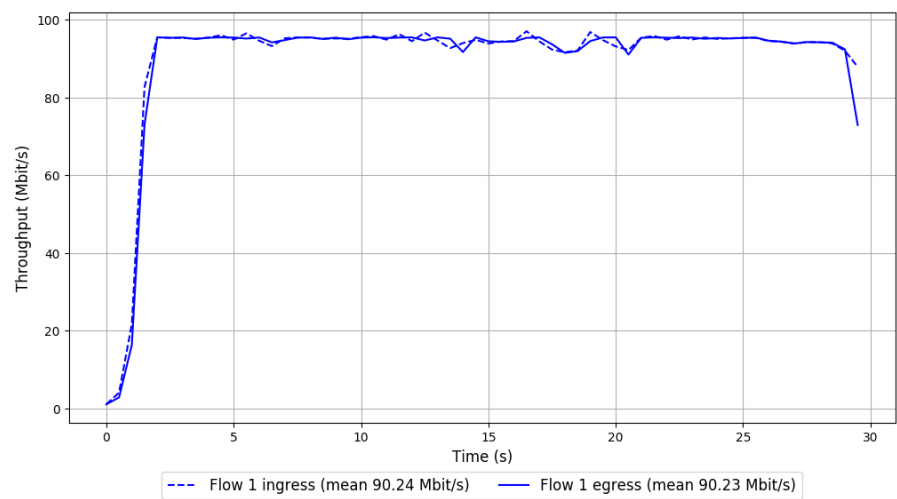


Run 2: Statistics of Copa

Start at: 2018-02-27 11:32:02  
End at: 2018-02-27 11:32:32  
Local clock offset: -1.854 ms  
Remote clock offset: -5.368 ms

# Below is generated by plot.py at 2018-02-27 18:34:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.23 Mbit/s  
95th percentile per-packet one-way delay: 92.490 ms  
Loss rate: 0.56%  
-- Flow 1:  
Average throughput: 90.23 Mbit/s  
95th percentile per-packet one-way delay: 92.490 ms  
Loss rate: 0.56%

Run 2: Report of Copa — Data Link



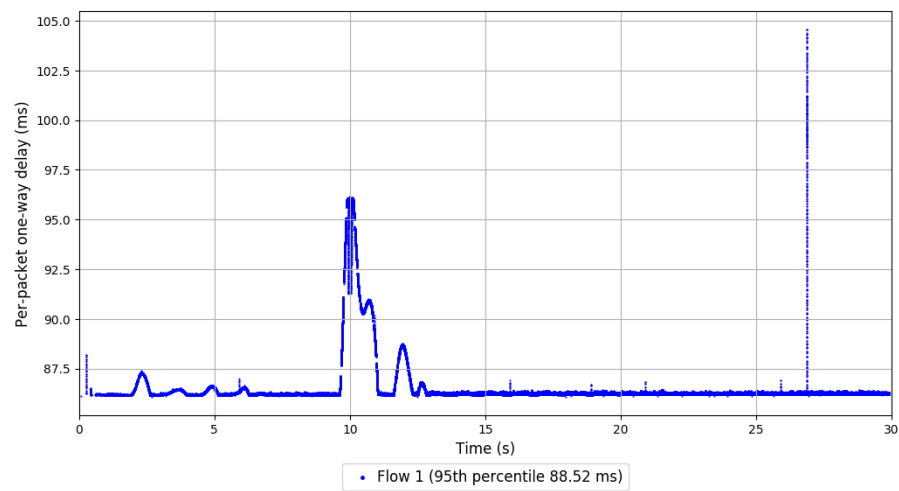
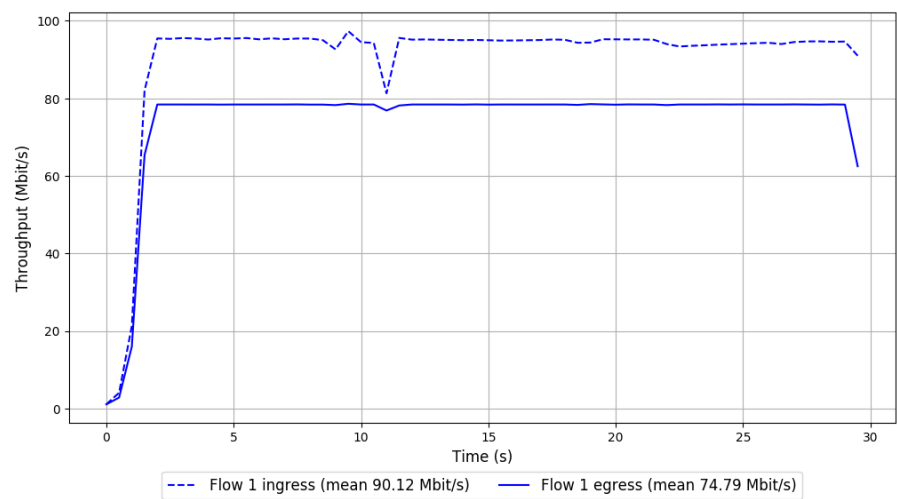
Run 3: Statistics of Copa

Start at: 2018-02-27 11:54:02  
End at: 2018-02-27 11:54:32  
Local clock offset: -6.653 ms  
Remote clock offset: -5.096 ms

# Below is generated by plot.py at 2018-02-27 18:34:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 74.79 Mbit/s  
95th percentile per-packet one-way delay: 88.520 ms  
Loss rate: 17.48%  
-- Flow 1:  
Average throughput: 74.79 Mbit/s  
95th percentile per-packet one-way delay: 88.520 ms  
Loss rate: 17.48%



Run 3: Report of Copa — Data Link

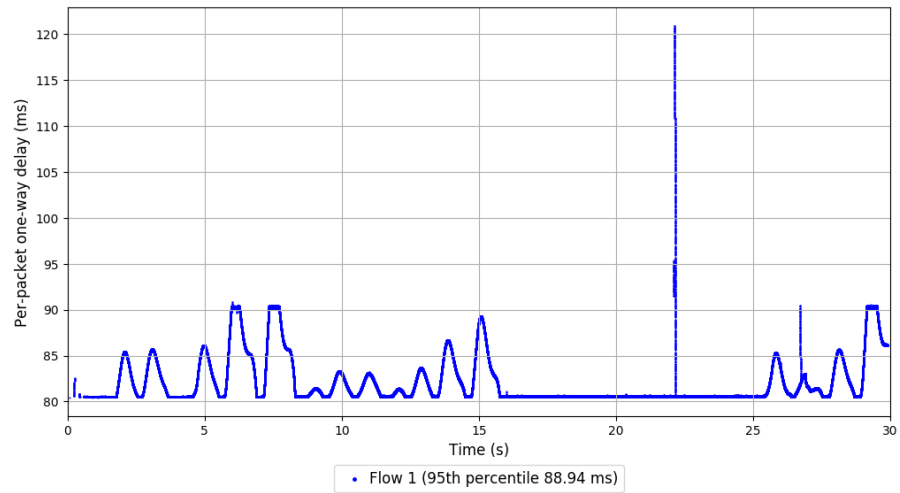
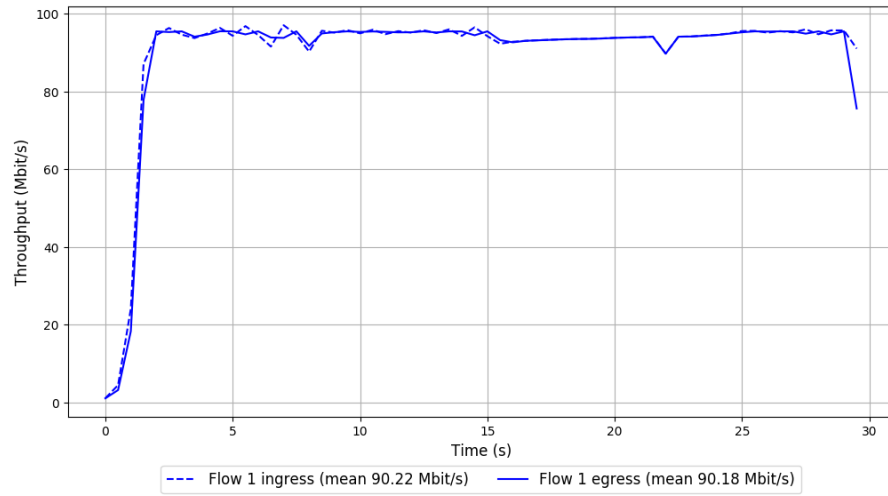


Run 4: Statistics of Copa

Start at: 2018-02-27 12:16:04  
End at: 2018-02-27 12:16:34  
Local clock offset: -8.175 ms  
Remote clock offset: -0.878 ms

# Below is generated by plot.py at 2018-02-27 18:34:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.18 Mbit/s  
95th percentile per-packet one-way delay: 88.940 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 90.18 Mbit/s  
95th percentile per-packet one-way delay: 88.940 ms  
Loss rate: 0.60%

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



Run 5: Statistics of Copa

Start at: 2018-02-27 12:38:05

End at: 2018-02-27 12:38:35

Local clock offset: -9.357 ms

Remote clock offset: 0.162 ms

# Below is generated by plot.py at 2018-02-27 18:34:51

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.52 Mbit/s

95th percentile per-packet one-way delay: 89.586 ms

Loss rate: 0.59%

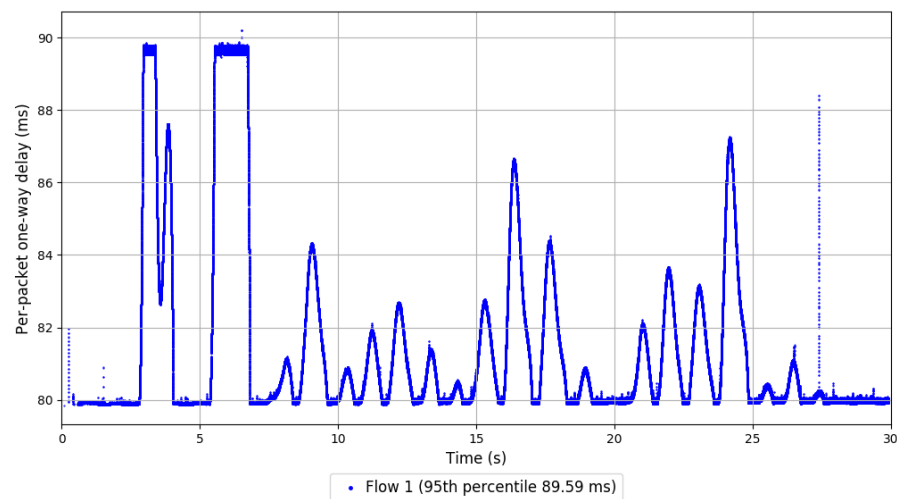
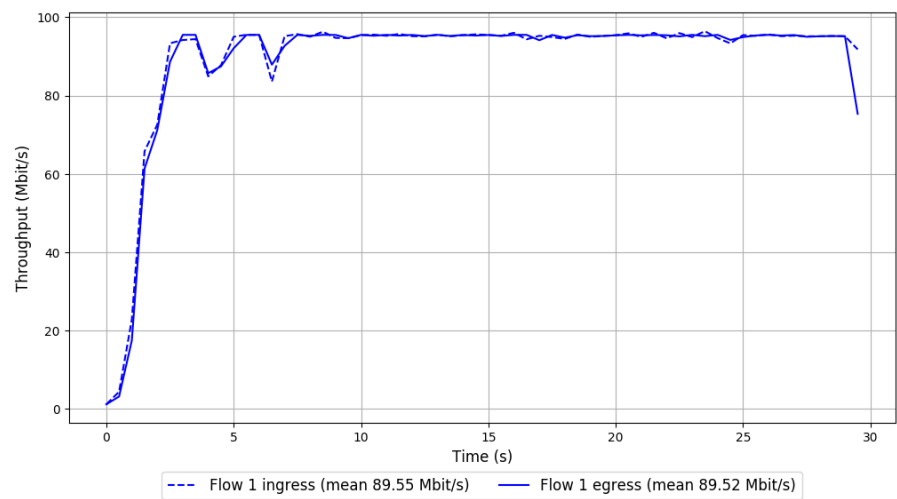
-- Flow 1:

Average throughput: 89.52 Mbit/s

95th percentile per-packet one-way delay: 89.586 ms

Loss rate: 0.59%

Run 5: Report of Copa — Data Link

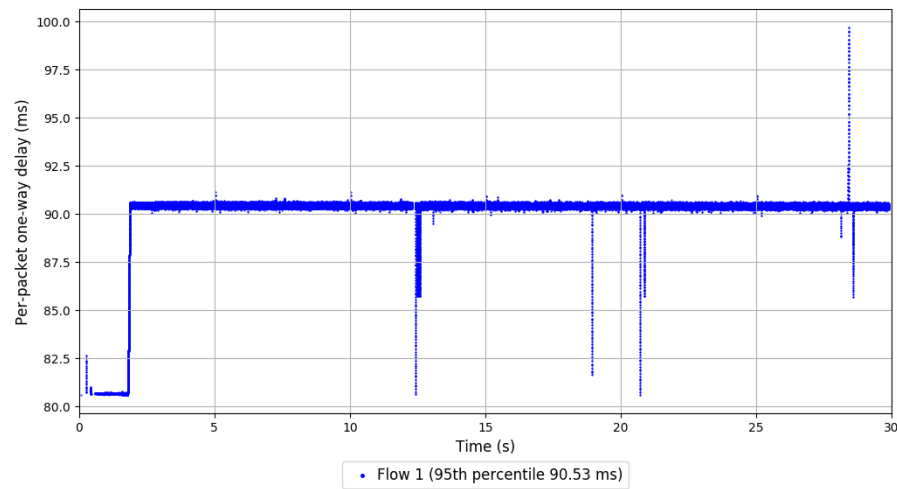
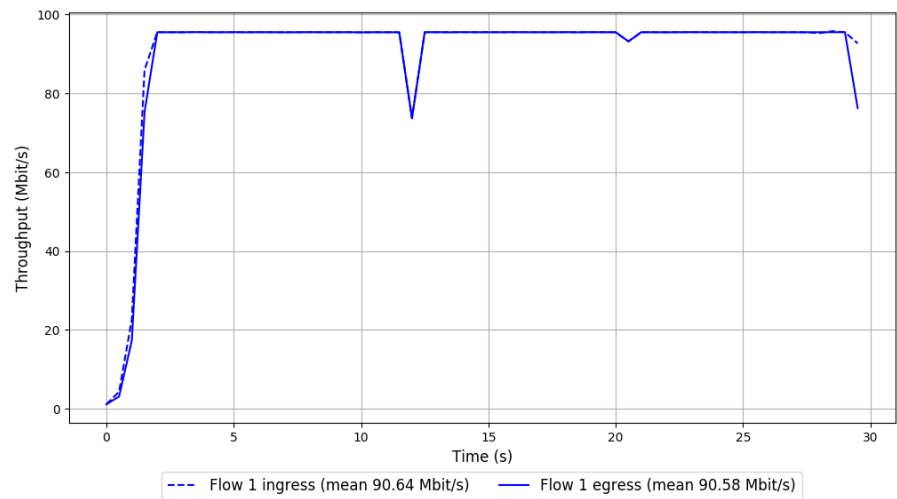


Run 6: Statistics of Copa

Start at: 2018-02-27 13:00:04  
End at: 2018-02-27 13:00:34  
Local clock offset: -6.01 ms  
Remote clock offset: -1.114 ms

# Below is generated by plot.py at 2018-02-27 18:34:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.58 Mbit/s  
95th percentile per-packet one-way delay: 90.533 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 90.58 Mbit/s  
95th percentile per-packet one-way delay: 90.533 ms  
Loss rate: 0.62%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-02-27 13:22:05

End at: 2018-02-27 13:22:35

Local clock offset: -6.39 ms

Remote clock offset: 0.432 ms

# Below is generated by plot.py at 2018-02-27 18:35:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.42 Mbit/s

95th percentile per-packet one-way delay: 82.754 ms

Loss rate: 0.58%

-- Flow 1:

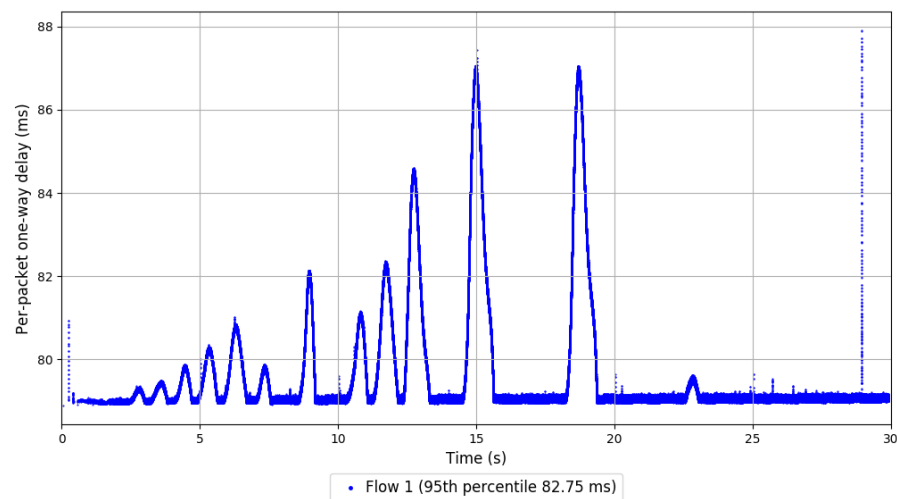
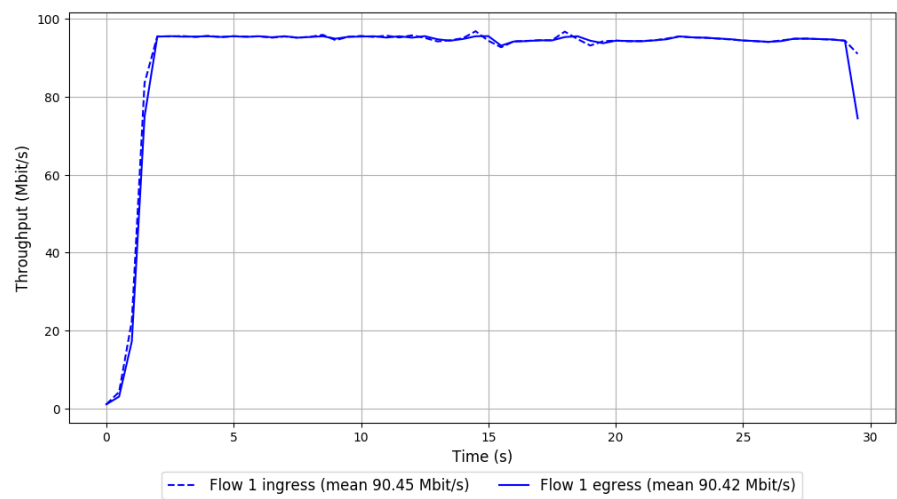
Average throughput: 90.42 Mbit/s

95th percentile per-packet one-way delay: 82.754 ms

Loss rate: 0.58%



Run 7: Report of Copa — Data Link

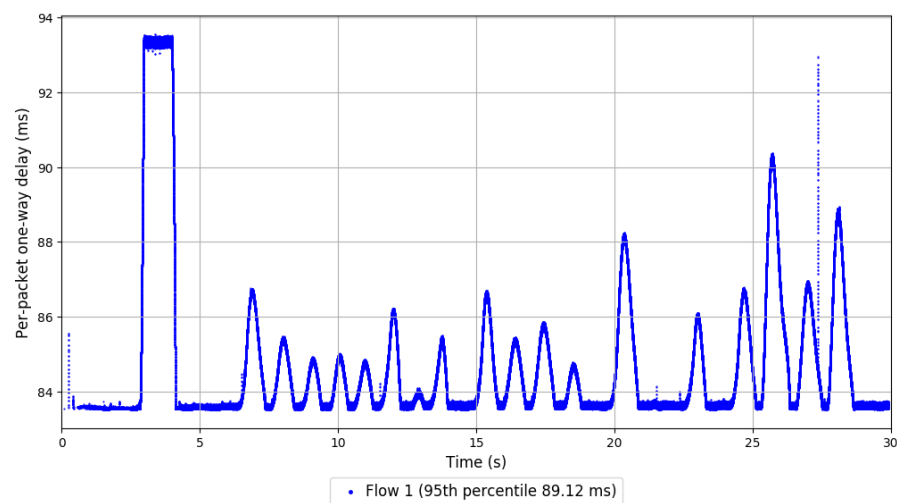
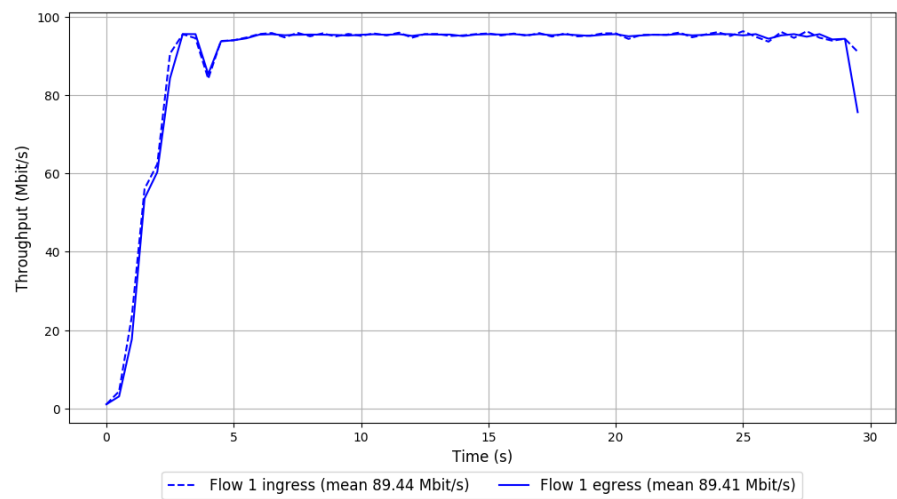


Run 8: Statistics of Copa

Start at: 2018-02-27 13:44:28  
End at: 2018-02-27 13:44:58  
Local clock offset: -7.505 ms  
Remote clock offset: -5.858 ms

# Below is generated by plot.py at 2018-02-27 18:35:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.41 Mbit/s  
95th percentile per-packet one-way delay: 89.118 ms  
Loss rate: 0.58%  
-- Flow 1:  
Average throughput: 89.41 Mbit/s  
95th percentile per-packet one-way delay: 89.118 ms  
Loss rate: 0.58%

Run 8: Report of Copa — Data Link

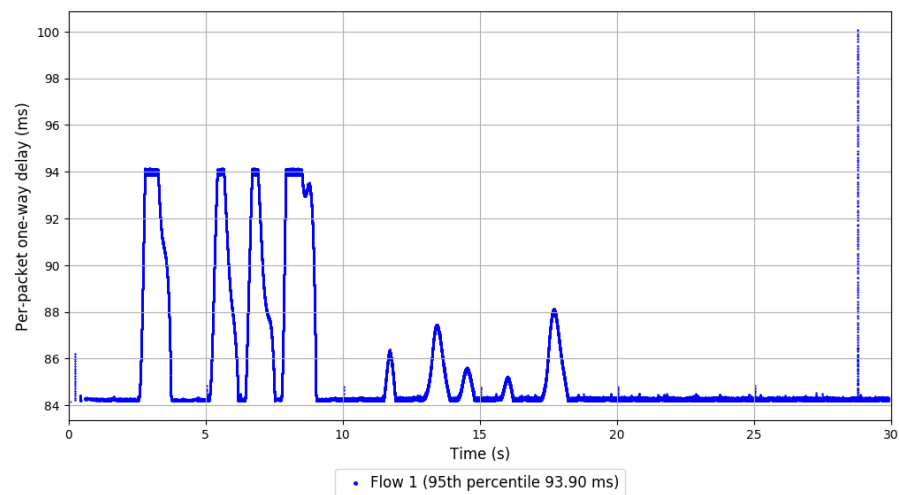
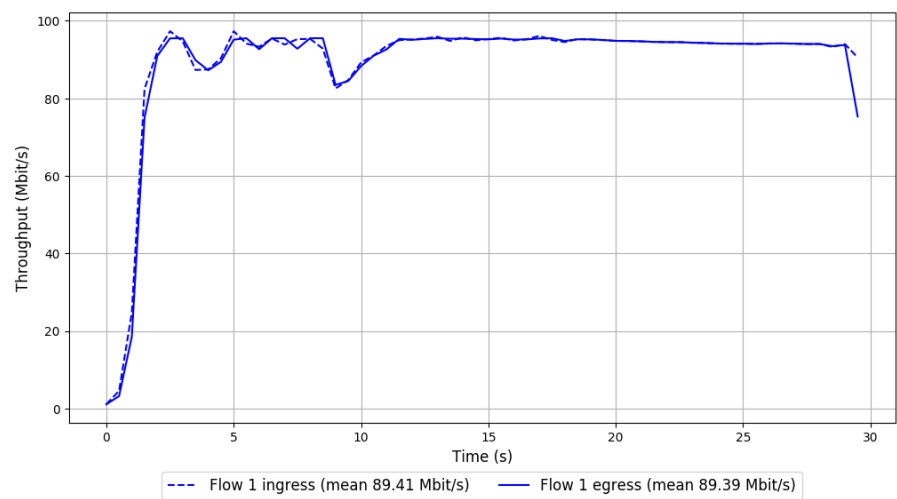


Run 9: Statistics of Copa

Start at: 2018-02-27 14:06:28  
End at: 2018-02-27 14:06:58  
Local clock offset: -6.008 ms  
Remote clock offset: -6.474 ms

# Below is generated by plot.py at 2018-02-27 18:35:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.39 Mbit/s  
95th percentile per-packet one-way delay: 93.902 ms  
Loss rate: 0.58%  
-- Flow 1:  
Average throughput: 89.39 Mbit/s  
95th percentile per-packet one-way delay: 93.902 ms  
Loss rate: 0.58%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-02-27 14:28:42

End at: 2018-02-27 14:29:12

Local clock offset: -5.494 ms

Remote clock offset: 0.251 ms

# Below is generated by plot.py at 2018-02-27 18:36:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.54 Mbit/s

95th percentile per-packet one-way delay: 82.260 ms

Loss rate: 0.57%

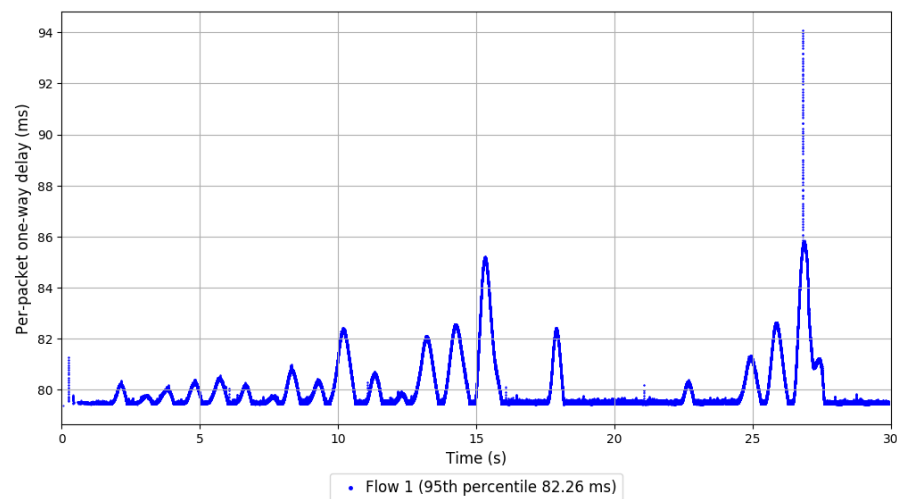
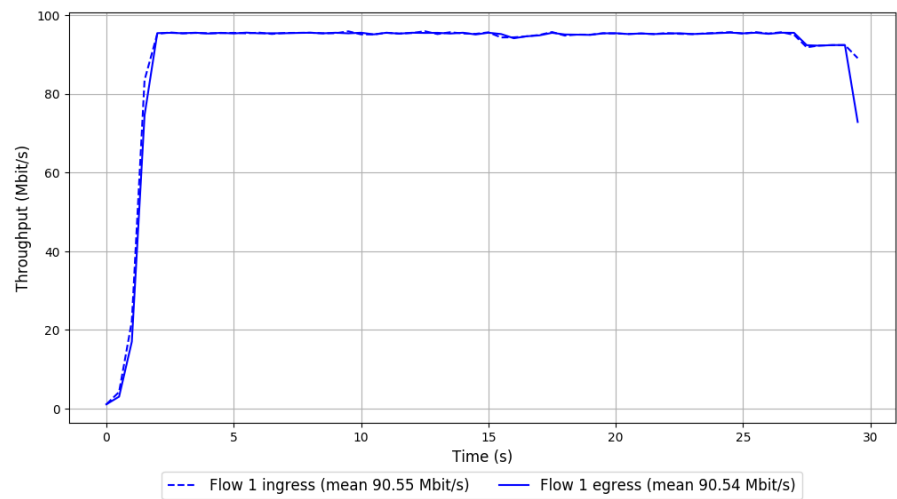
-- Flow 1:

Average throughput: 90.54 Mbit/s

95th percentile per-packet one-way delay: 82.260 ms

Loss rate: 0.57%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-02-27 11:07:35

End at: 2018-02-27 11:08:05

Local clock offset: -2.571 ms

Remote clock offset: -5.33 ms

# Below is generated by plot.py at 2018-02-27 18:36:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.86 Mbit/s

95th percentile per-packet one-way delay: 94.008 ms

Loss rate: 0.58%

-- Flow 1:

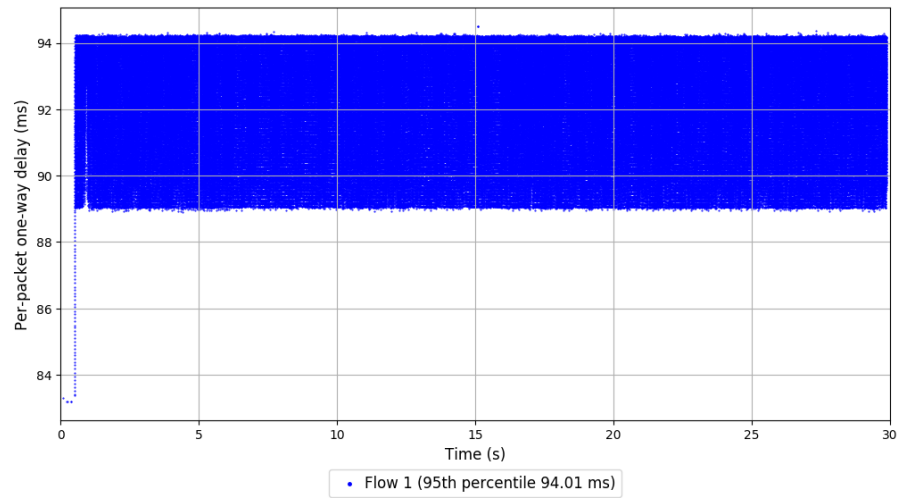
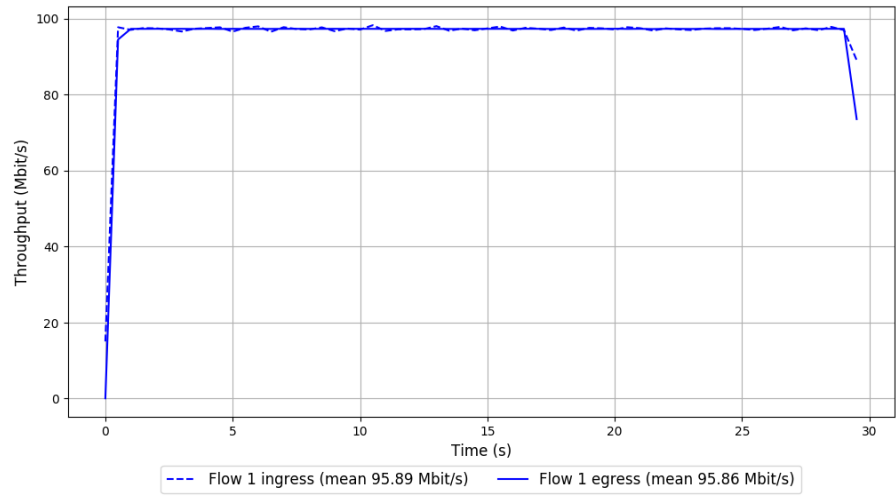
Average throughput: 95.86 Mbit/s

95th percentile per-packet one-way delay: 94.008 ms

Loss rate: 0.58%



## Run 1: Report of FillP — Data Link

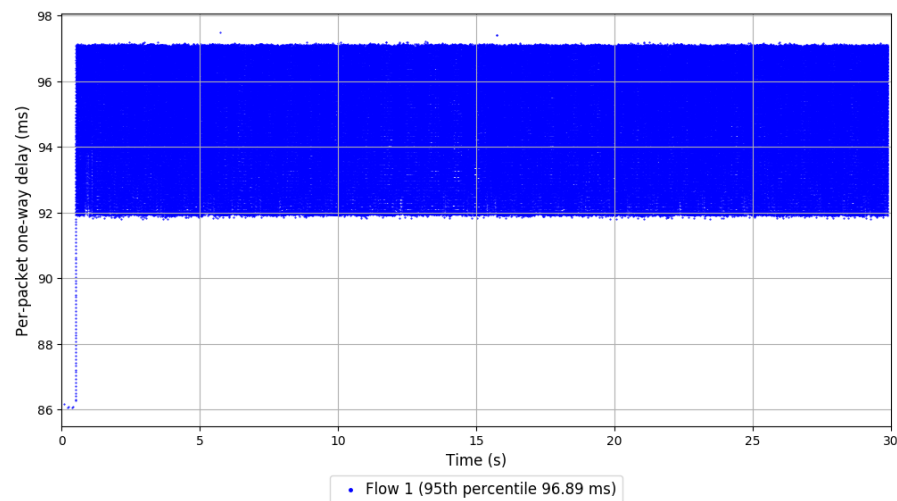
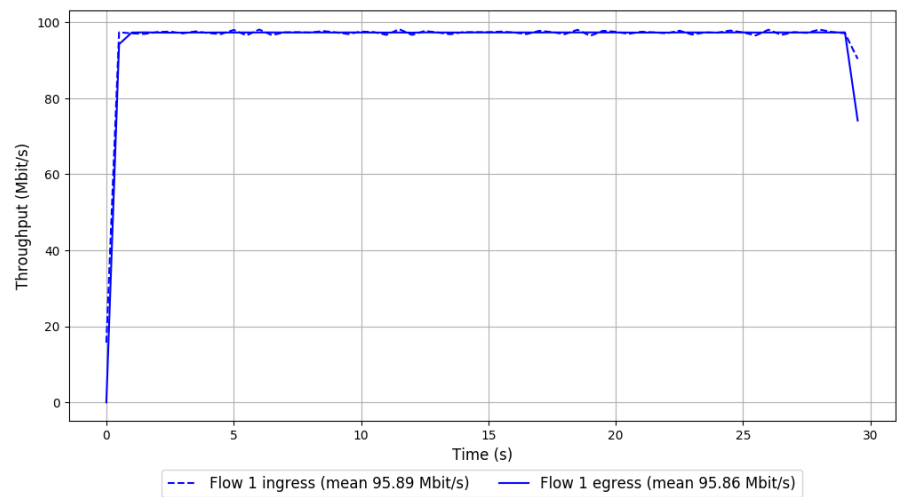


Run 2: Statistics of FillP

Start at: 2018-02-27 11:29:33  
End at: 2018-02-27 11:30:03  
Local clock offset: -1.895 ms  
Remote clock offset: -5.378 ms

# Below is generated by plot.py at 2018-02-27 18:36:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.86 Mbit/s  
95th percentile per-packet one-way delay: 96.894 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 95.86 Mbit/s  
95th percentile per-packet one-way delay: 96.894 ms  
Loss rate: 0.61%

Run 2: Report of FillP — Data Link

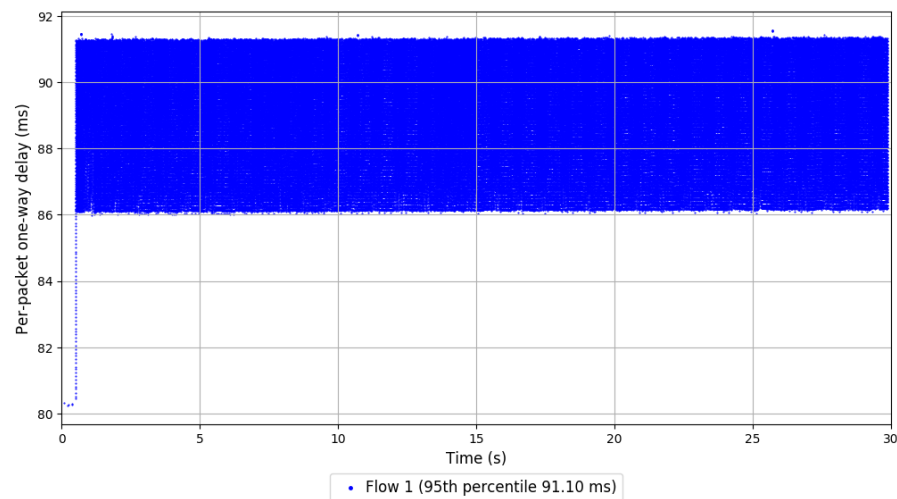
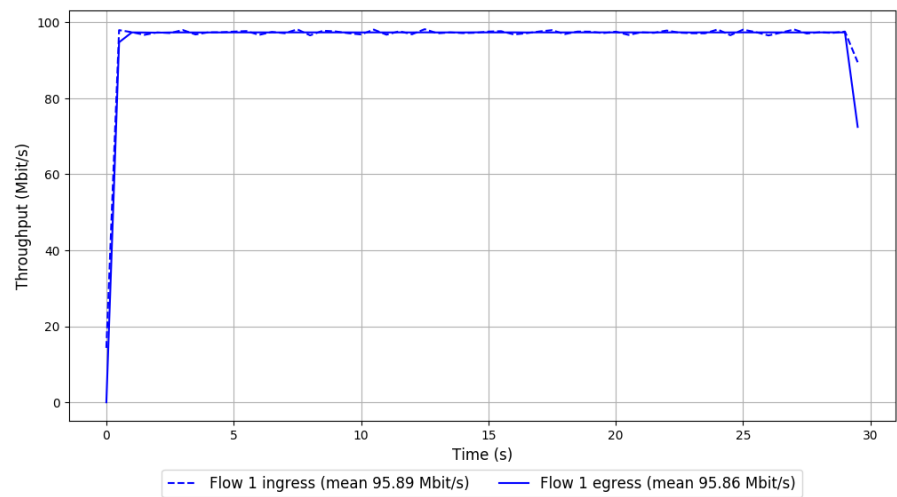


Run 3: Statistics of FillP

Start at: 2018-02-27 11:51:34  
End at: 2018-02-27 11:52:04  
Local clock offset: -6.397 ms  
Remote clock offset: -0.244 ms

# Below is generated by plot.py at 2018-02-27 18:36:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.86 Mbit/s  
95th percentile per-packet one-way delay: 91.097 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 95.86 Mbit/s  
95th percentile per-packet one-way delay: 91.097 ms  
Loss rate: 0.60%

Run 3: Report of FillP — Data Link

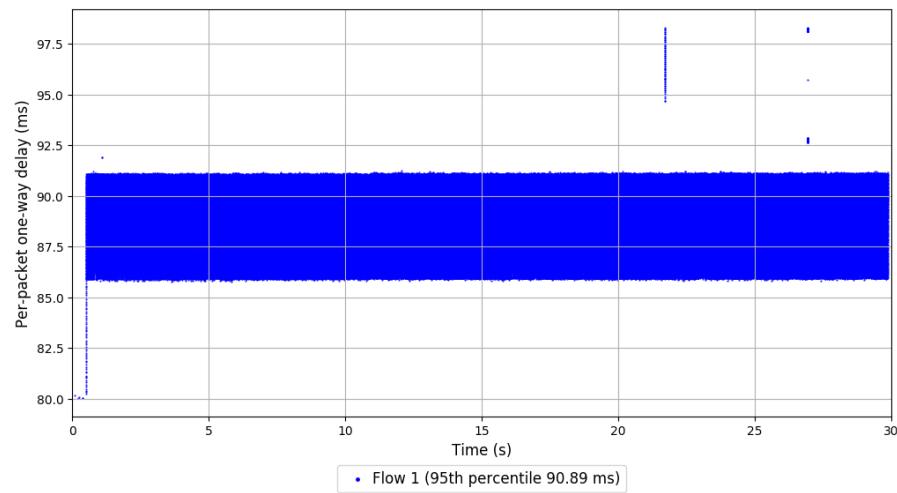
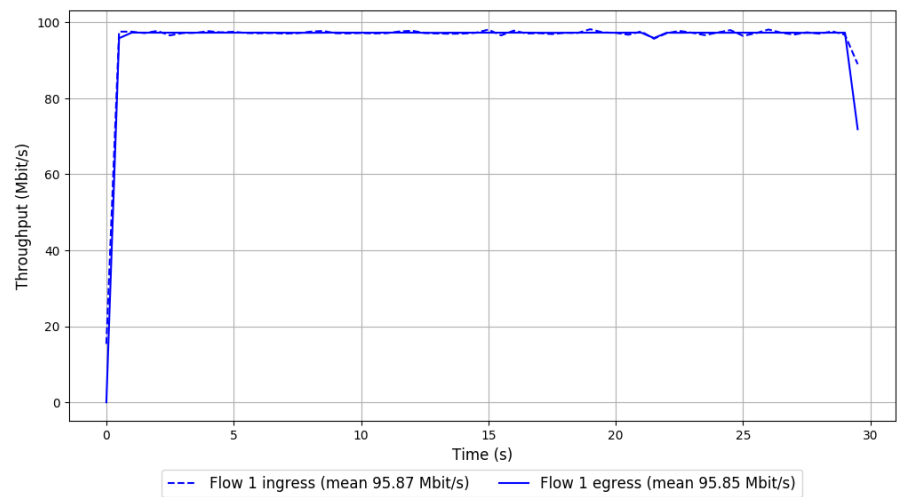


Run 4: Statistics of FillP

Start at: 2018-02-27 12:13:35  
End at: 2018-02-27 12:14:05  
Local clock offset: -8.039 ms  
Remote clock offset: -0.806 ms

# Below is generated by plot.py at 2018-02-27 18:36:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.85 Mbit/s  
95th percentile per-packet one-way delay: 90.894 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 95.85 Mbit/s  
95th percentile per-packet one-way delay: 90.894 ms  
Loss rate: 0.59%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-02-27 12:35:36

End at: 2018-02-27 12:36:06

Local clock offset: -9.344 ms

Remote clock offset: 0.145 ms

# Below is generated by plot.py at 2018-02-27 18:36:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 90.678 ms

Loss rate: 0.60%

-- Flow 1:

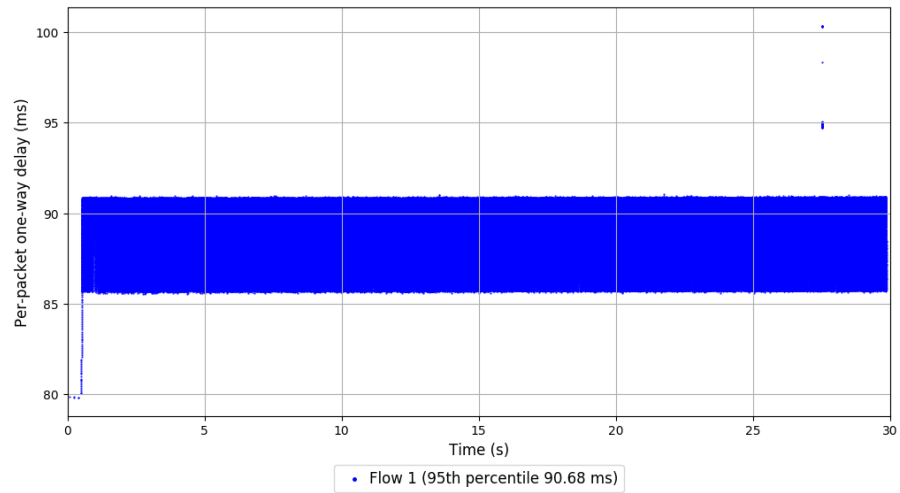
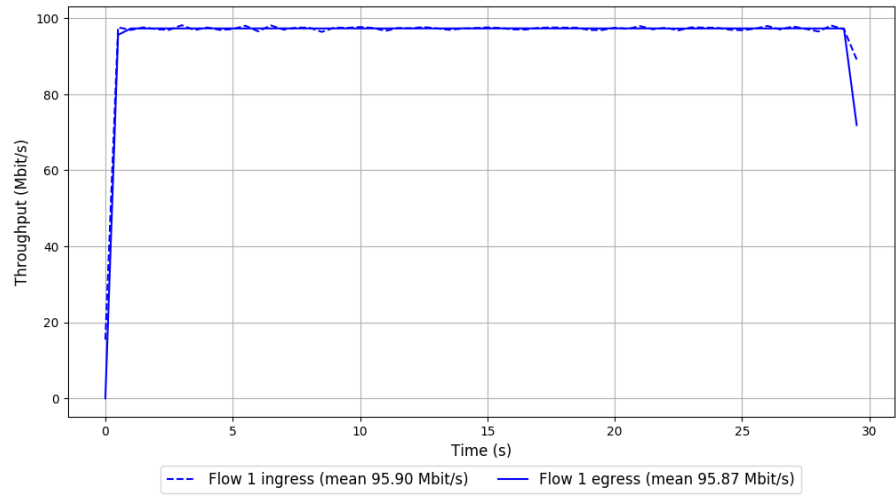
Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 90.678 ms

Loss rate: 0.60%



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

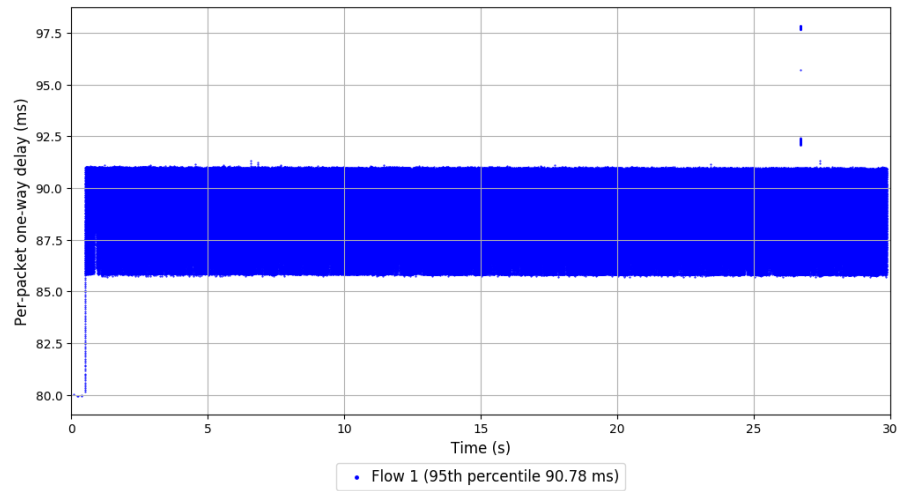
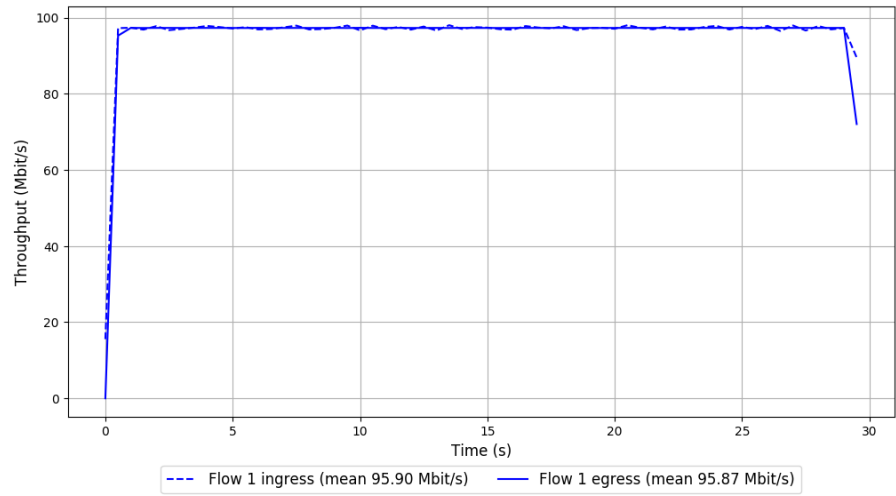


Run 6: Statistics of FillP

Start at: 2018-02-27 12:57:36  
End at: 2018-02-27 12:58:06  
Local clock offset: -6.222 ms  
Remote clock offset: -0.094 ms

# Below is generated by plot.py at 2018-02-27 18:36:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.87 Mbit/s  
95th percentile per-packet one-way delay: 90.779 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 95.87 Mbit/s  
95th percentile per-packet one-way delay: 90.779 ms  
Loss rate: 0.60%

## Run 6: Report of FillP — Data Link

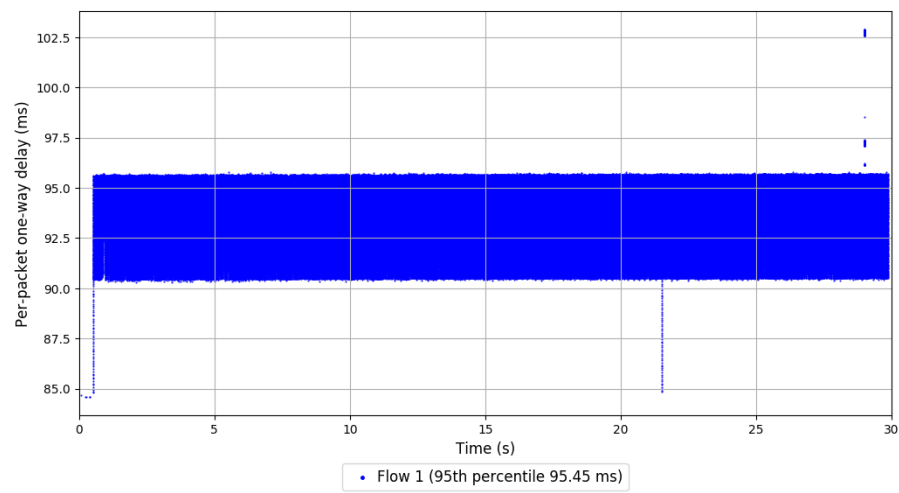
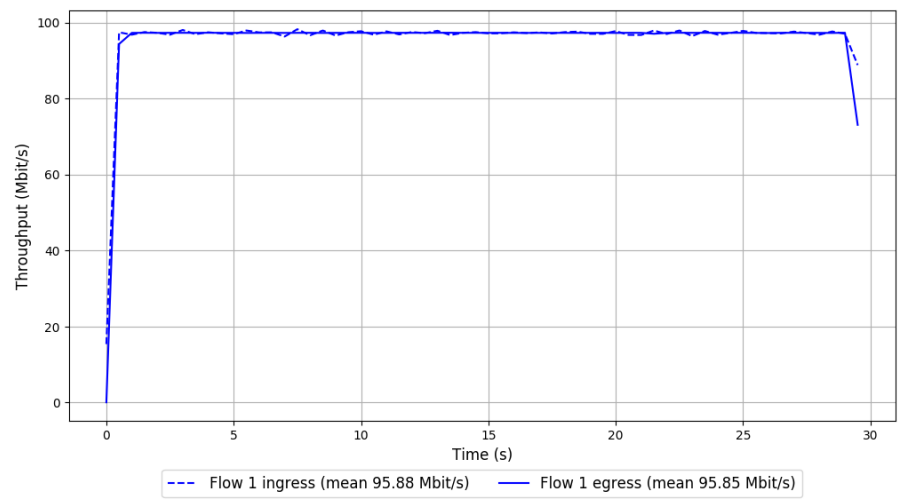


Run 7: Statistics of FillP

Start at: 2018-02-27 13:19:36  
End at: 2018-02-27 13:20:06  
Local clock offset: -6.135 ms  
Remote clock offset: -5.277 ms

# Below is generated by plot.py at 2018-02-27 18:37:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.85 Mbit/s  
95th percentile per-packet one-way delay: 95.448 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 95.85 Mbit/s  
95th percentile per-packet one-way delay: 95.448 ms  
Loss rate: 0.59%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-02-27 13:41:59

End at: 2018-02-27 13:42:29

Local clock offset: -7.481 ms

Remote clock offset: -0.98 ms

# Below is generated by plot.py at 2018-02-27 18:37:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 91.847 ms

Loss rate: 0.59%

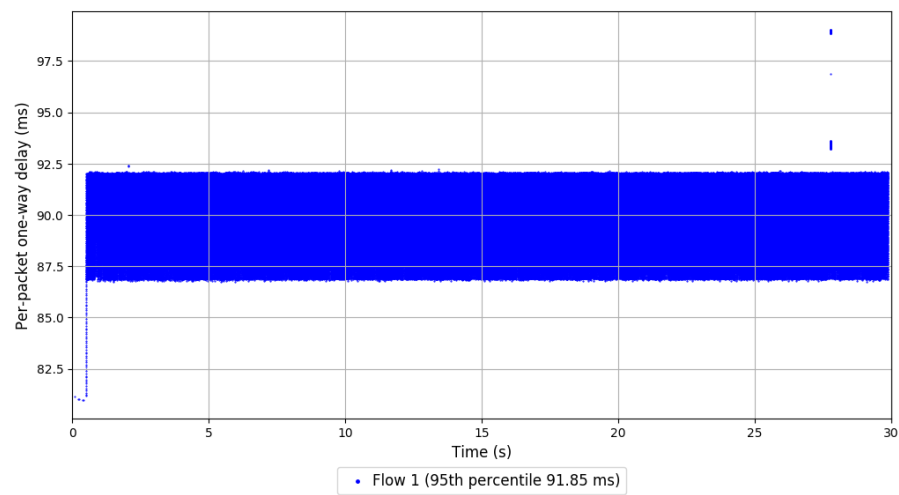
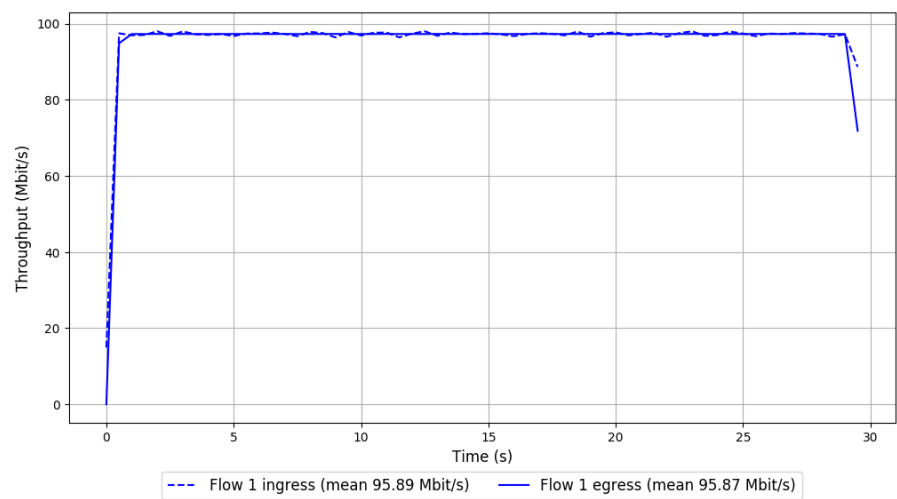
-- Flow 1:

Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 91.847 ms

Loss rate: 0.59%

Run 8: Report of FillP — Data Link



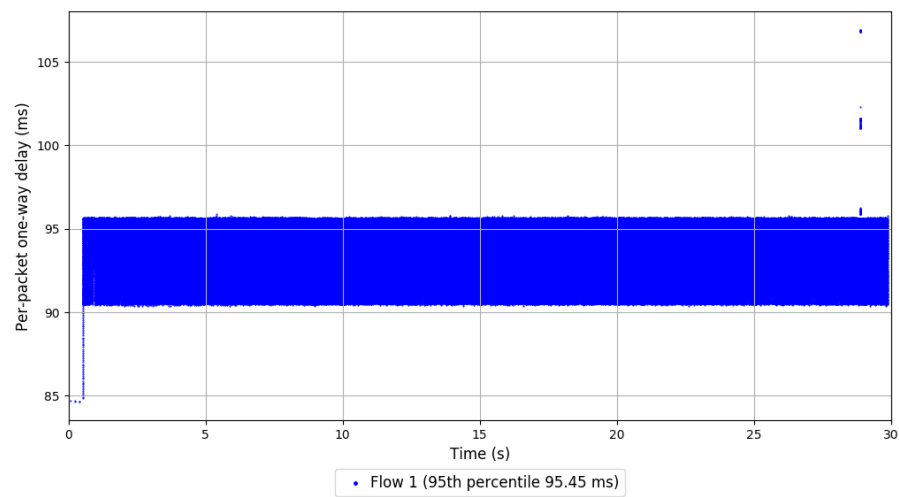
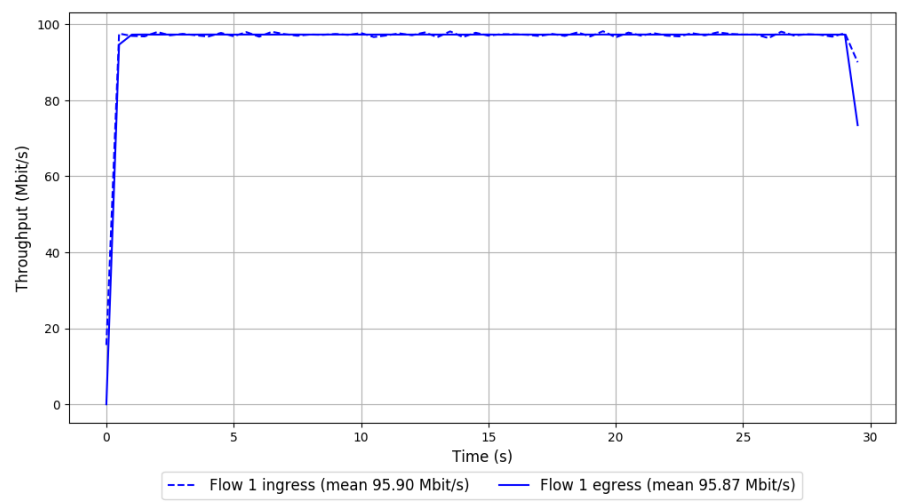
Run 9: Statistics of FillP

Start at: 2018-02-27 14:04:00  
End at: 2018-02-27 14:04:30  
Local clock offset: -6.159 ms  
Remote clock offset: -5.689 ms

# Below is generated by plot.py at 2018-02-27 18:37:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.87 Mbit/s  
95th percentile per-packet one-way delay: 95.448 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 95.87 Mbit/s  
95th percentile per-packet one-way delay: 95.448 ms  
Loss rate: 0.60%



Run 9: Report of FillP — Data Link

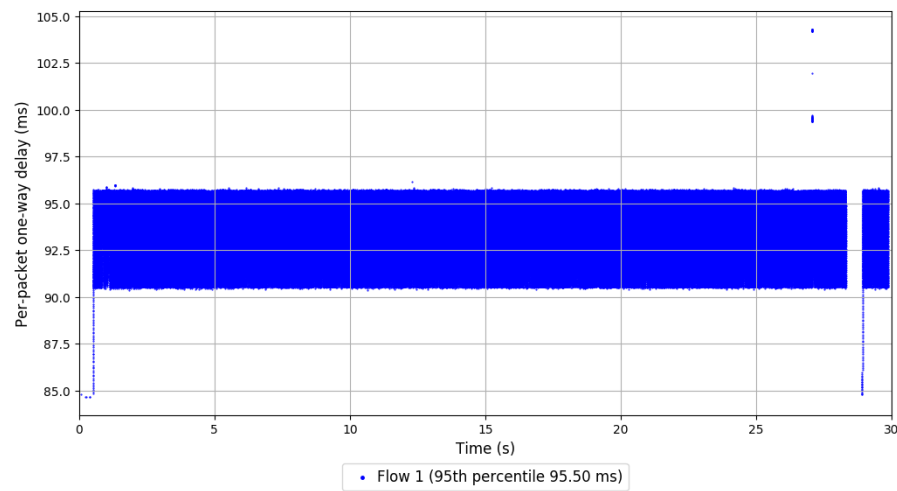
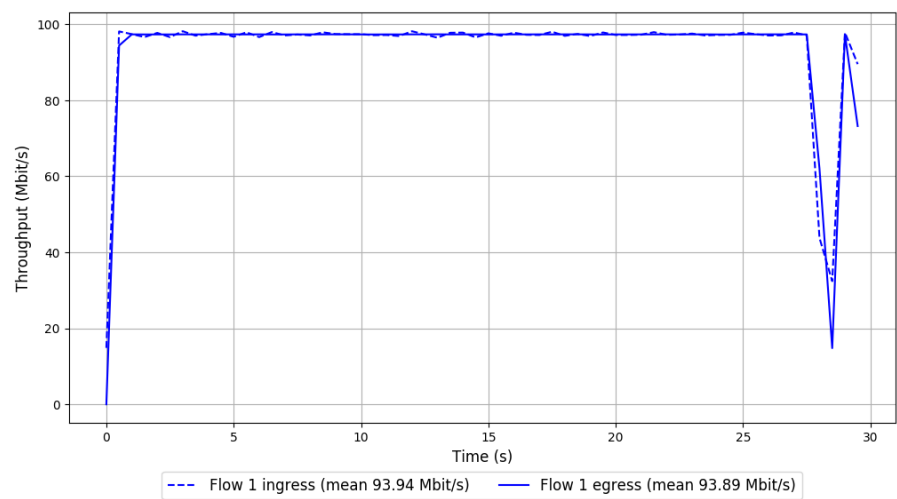


Run 10: Statistics of FillP

Start at: 2018-02-27 14:26:13  
End at: 2018-02-27 14:26:43  
Local clock offset: -5.59 ms  
Remote clock offset: -5.444 ms

# Below is generated by plot.py at 2018-02-27 18:37:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.89 Mbit/s  
95th percentile per-packet one-way delay: 95.497 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 93.89 Mbit/s  
95th percentile per-packet one-way delay: 95.497 ms  
Loss rate: 0.61%

Run 10: Report of FillP — Data Link

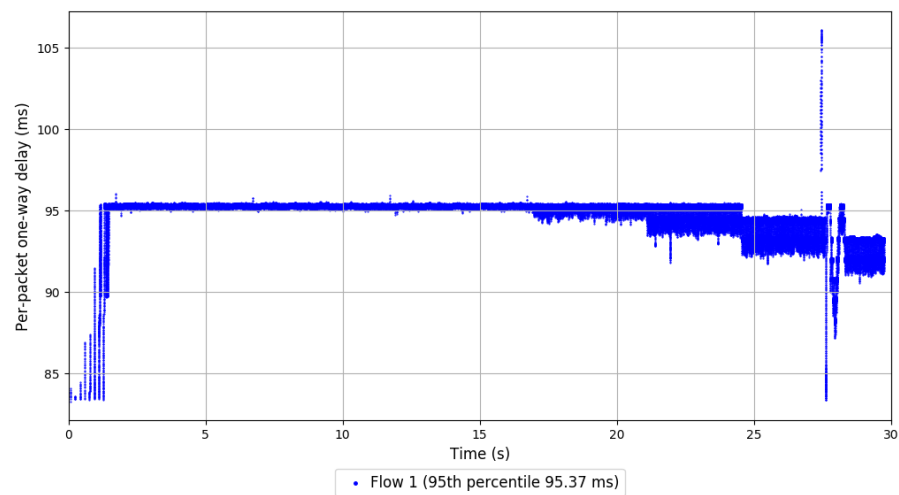
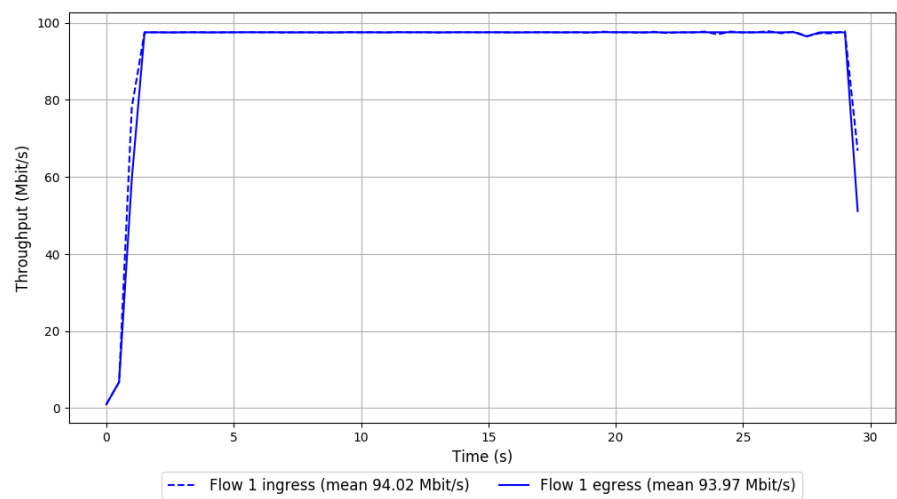


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-27 11:03:54
End at: 2018-02-27 11:04:24
Local clock offset: -2.696 ms
Remote clock offset: -5.42 ms

# Below is generated by plot.py at 2018-02-27 18:37:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.97 Mbit/s
95th percentile per-packet one-way delay: 95.374 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.97 Mbit/s
95th percentile per-packet one-way delay: 95.374 ms
Loss rate: 0.60%
```

Run 1: Report of Indigo-1-32 — Data Link

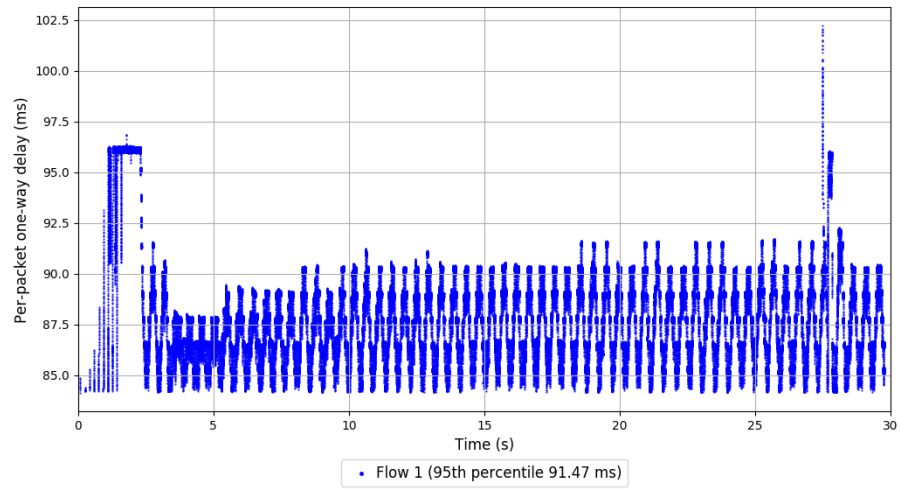
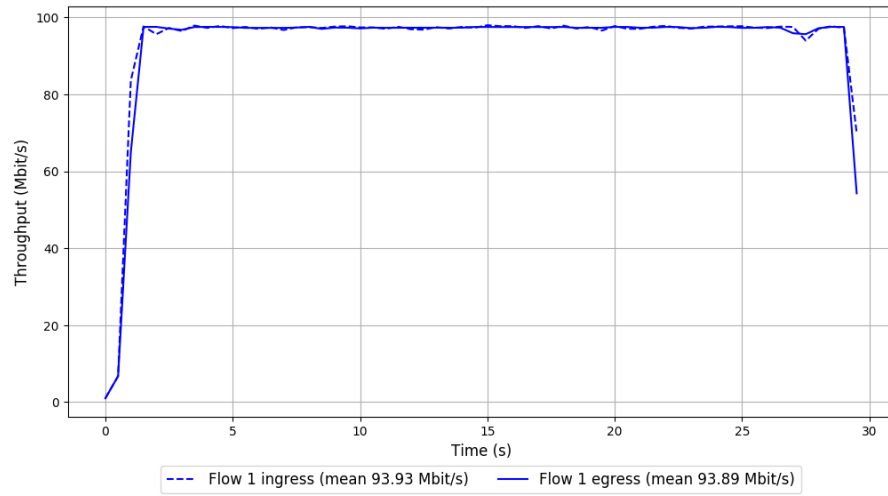


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-27 11:25:51  
End at: 2018-02-27 11:26:22  
Local clock offset: -2.088 ms  
Remote clock offset: -6.383 ms

# Below is generated by plot.py at 2018-02-27 18:38:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.89 Mbit/s  
95th percentile per-packet one-way delay: 91.465 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 93.89 Mbit/s  
95th percentile per-packet one-way delay: 91.465 ms  
Loss rate: 0.59%

## Run 2: Report of Indigo-1-32 — Data Link



Run 3: Statistics of Indigo-1-32

Start at: 2018-02-27 11:47:52

End at: 2018-02-27 11:48:22

Local clock offset: -5.91 ms

Remote clock offset: -0.35 ms

# Below is generated by plot.py at 2018-02-27 18:38:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.91 Mbit/s

95th percentile per-packet one-way delay: 89.995 ms

Loss rate: 0.61%

-- Flow 1:

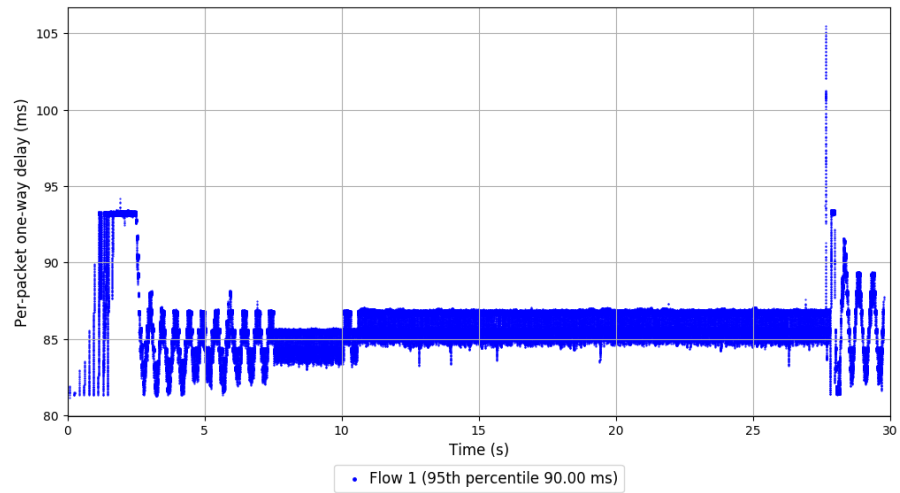
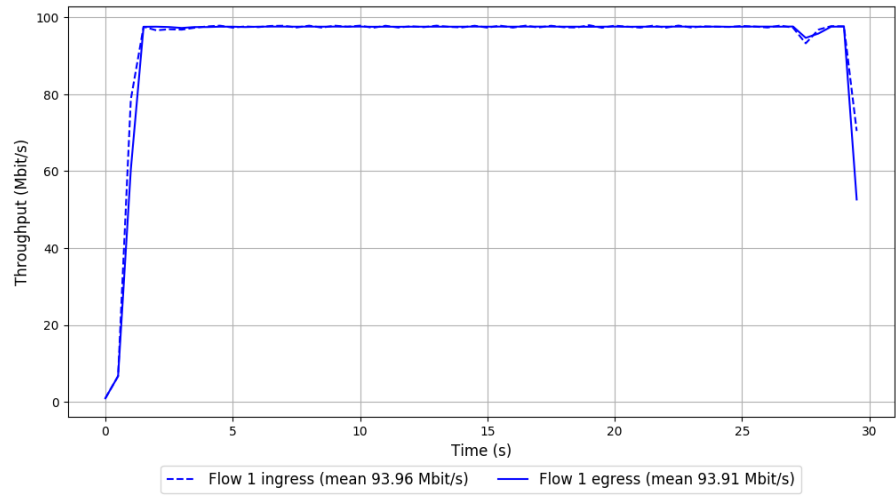
Average throughput: 93.91 Mbit/s

95th percentile per-packet one-way delay: 89.995 ms

Loss rate: 0.61%



### Run 3: Report of Indigo-1-32 — Data Link



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-27 12:09:54

End at: 2018-02-27 12:10:24

Local clock offset: -7.915 ms

Remote clock offset: -5.688 ms

# Below is generated by plot.py at 2018-02-27 18:38:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.69 Mbit/s

95th percentile per-packet one-way delay: 97.645 ms

Loss rate: 0.60%

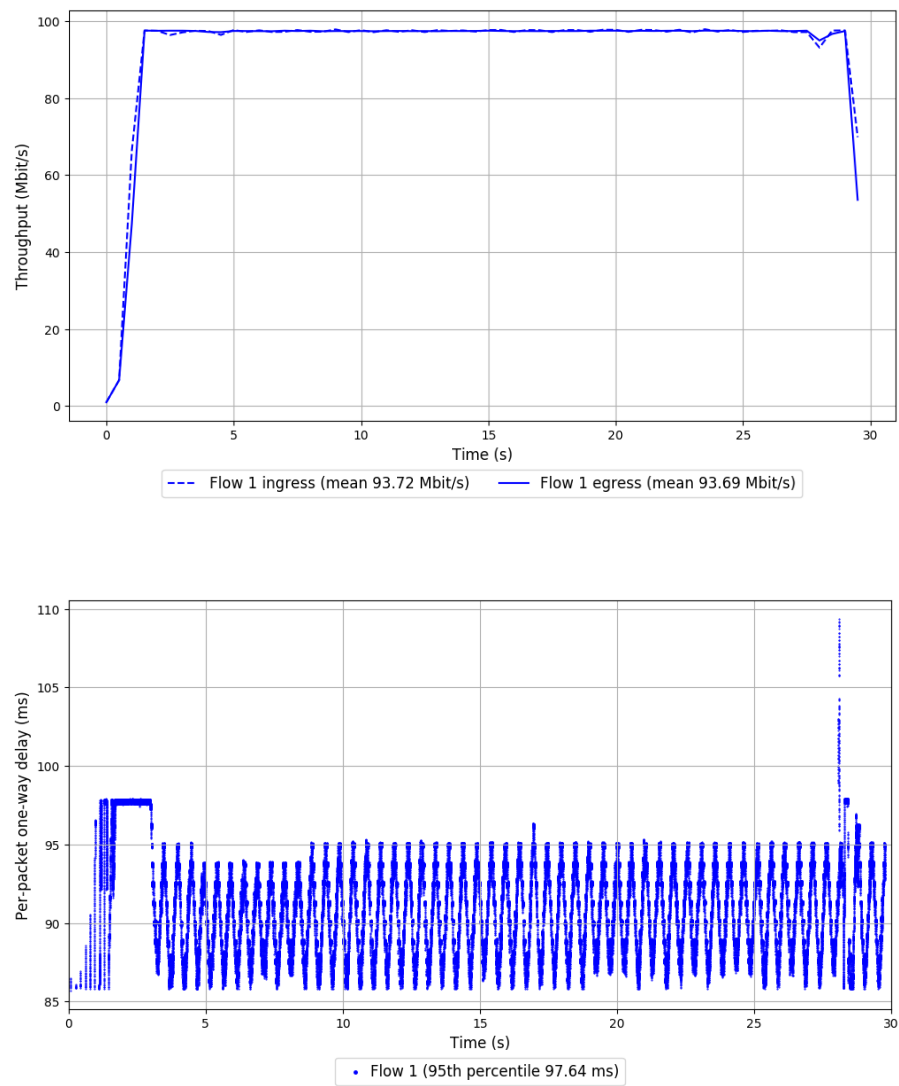
-- Flow 1:

Average throughput: 93.69 Mbit/s

95th percentile per-packet one-way delay: 97.645 ms

Loss rate: 0.60%

Run 4: Report of Indigo-1-32 — Data Link



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-27 12:31:55

End at: 2018-02-27 12:32:25

Local clock offset: -9.008 ms

Remote clock offset: 0.06 ms

# Below is generated by plot.py at 2018-02-27 18:38:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.92 Mbit/s

95th percentile per-packet one-way delay: 93.584 ms

Loss rate: 0.63%

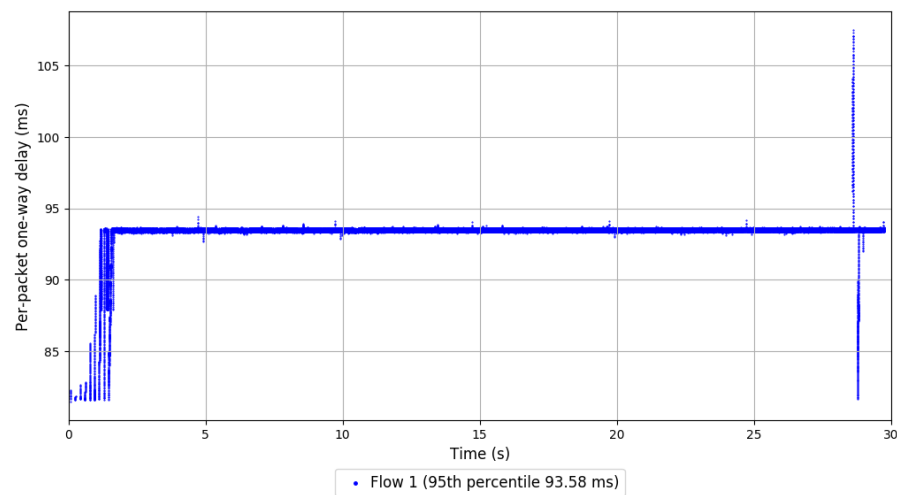
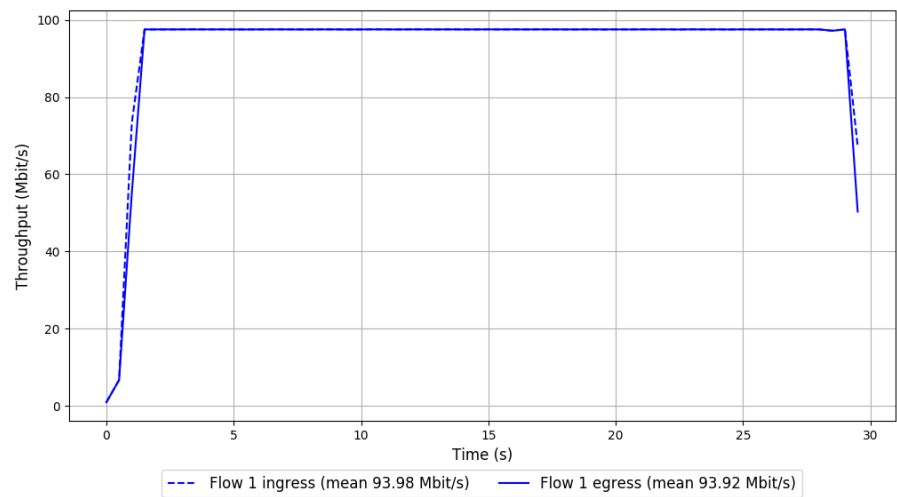
-- Flow 1:

Average throughput: 93.92 Mbit/s

95th percentile per-packet one-way delay: 93.584 ms

Loss rate: 0.63%

Run 5: Report of Indigo-1-32 — Data Link



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-27 12:53:55

End at: 2018-02-27 12:54:25

Local clock offset: -6.511 ms

Remote clock offset: 0.878 ms

# Below is generated by plot.py at 2018-02-27 18:39:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.98 Mbit/s

95th percentile per-packet one-way delay: 84.199 ms

Loss rate: 0.59%

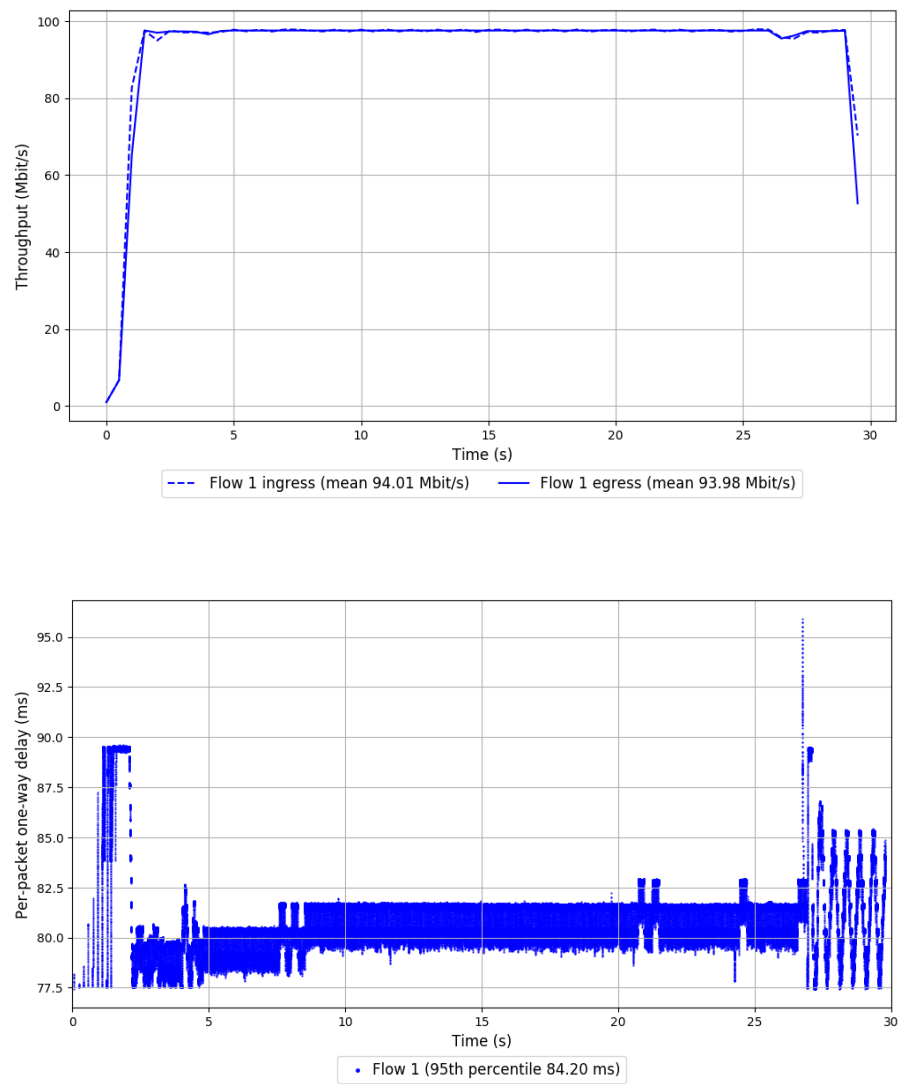
-- Flow 1:

Average throughput: 93.98 Mbit/s

95th percentile per-packet one-way delay: 84.199 ms

Loss rate: 0.59%

Run 6: Report of Indigo-1-32 — Data Link



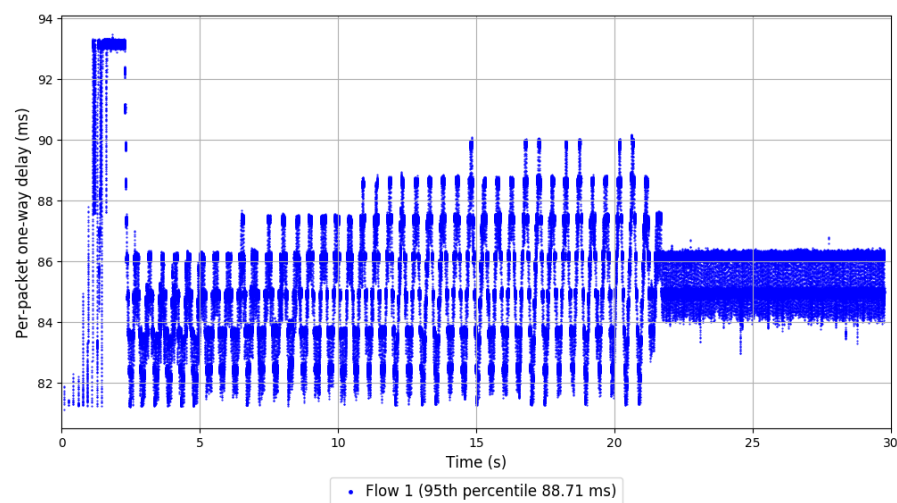
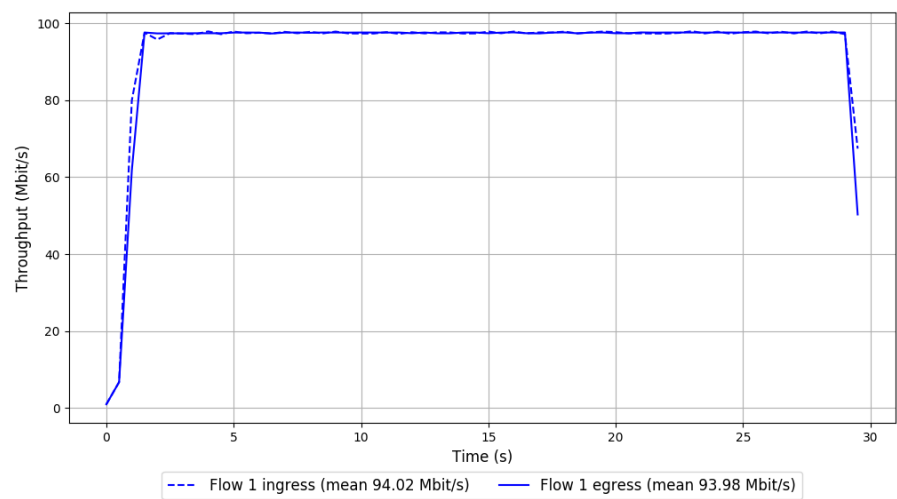
Run 7: Statistics of Indigo-1-32

Start at: 2018-02-27 13:15:55  
End at: 2018-02-27 13:16:25  
Local clock offset: -5.525 ms  
Remote clock offset: -0.348 ms

# Below is generated by plot.py at 2018-02-27 18:39:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.98 Mbit/s  
95th percentile per-packet one-way delay: 88.711 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 93.98 Mbit/s  
95th percentile per-packet one-way delay: 88.711 ms  
Loss rate: 0.60%



Run 7: Report of Indigo-1-32 — Data Link

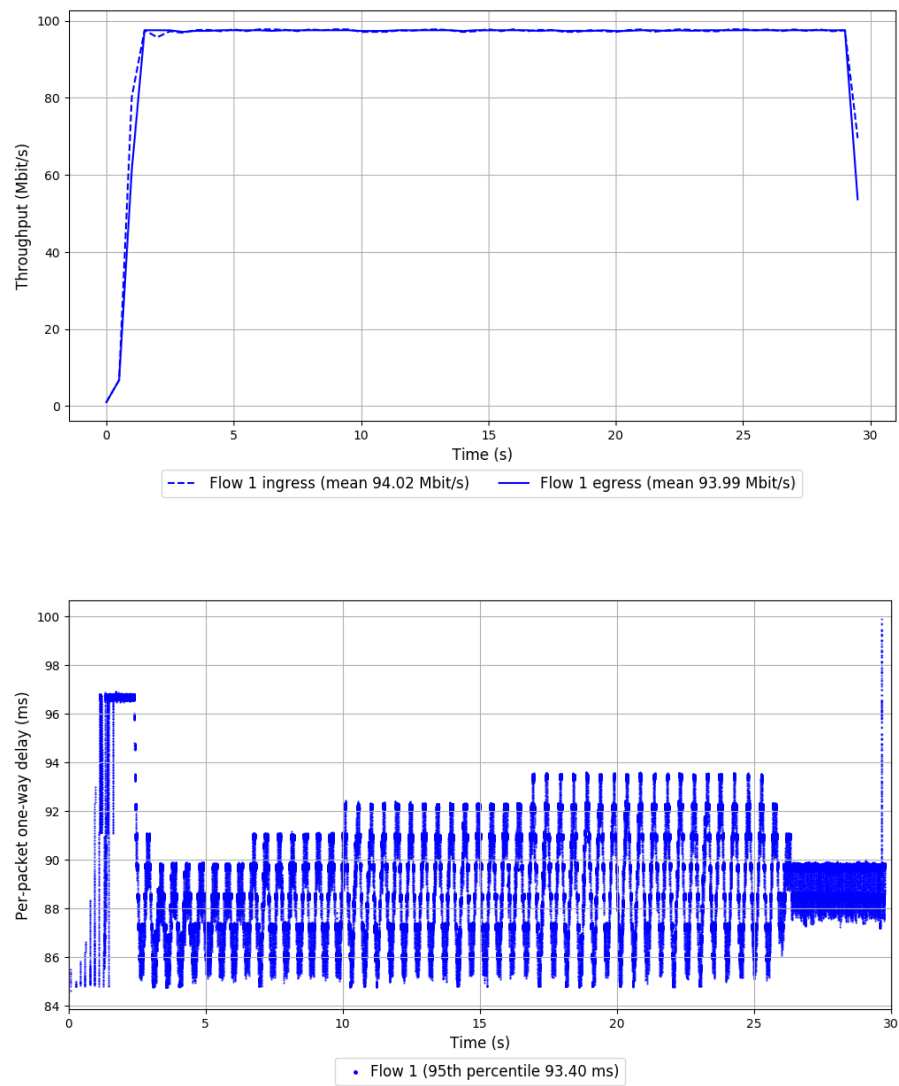


Run 8: Statistics of Indigo-1-32

Start at: 2018-02-27 13:38:17  
End at: 2018-02-27 13:38:47  
Local clock offset: -7.325 ms  
Remote clock offset: -5.724 ms

# Below is generated by plot.py at 2018-02-27 18:39:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.99 Mbit/s  
95th percentile per-packet one-way delay: 93.399 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 93.99 Mbit/s  
95th percentile per-packet one-way delay: 93.399 ms  
Loss rate: 0.59%

Run 8: Report of Indigo-1-32 — Data Link

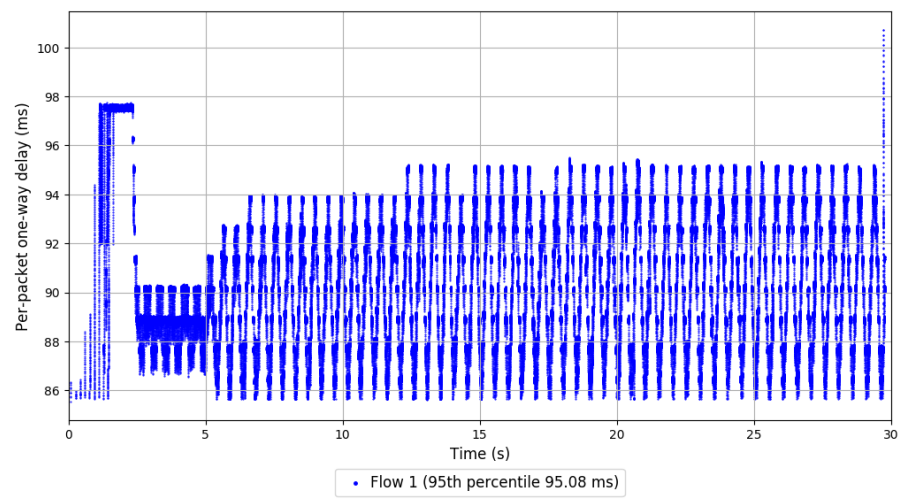
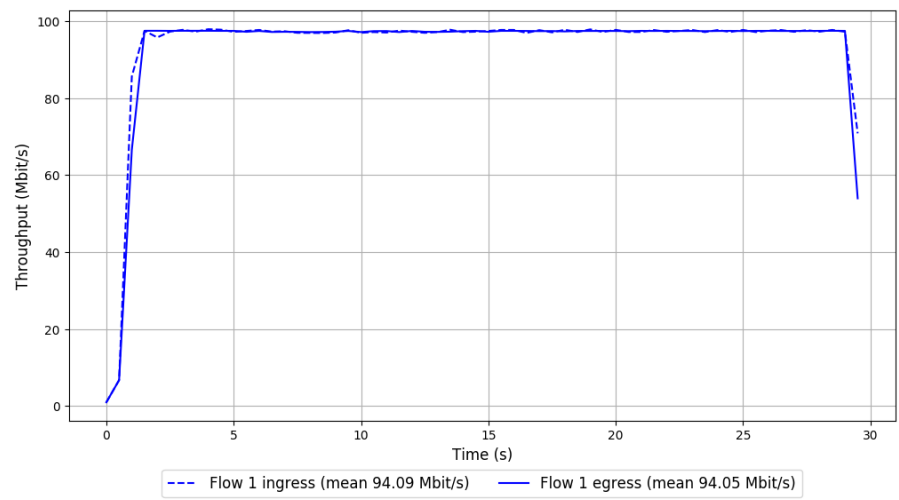


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-27 14:00:19  
End at: 2018-02-27 14:00:49  
Local clock offset: -6.387 ms  
Remote clock offset: -6.728 ms

# Below is generated by plot.py at 2018-02-27 18:39:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.05 Mbit/s  
95th percentile per-packet one-way delay: 95.079 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 94.05 Mbit/s  
95th percentile per-packet one-way delay: 95.079 ms  
Loss rate: 0.60%

Run 9: Report of Indigo-1-32 — Data Link



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-27 14:22:32

End at: 2018-02-27 14:23:02

Local clock offset: -5.59 ms

Remote clock offset: -0.561 ms

# Below is generated by plot.py at 2018-02-27 18:39:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.05 Mbit/s

95th percentile per-packet one-way delay: 87.587 ms

Loss rate: 0.60%

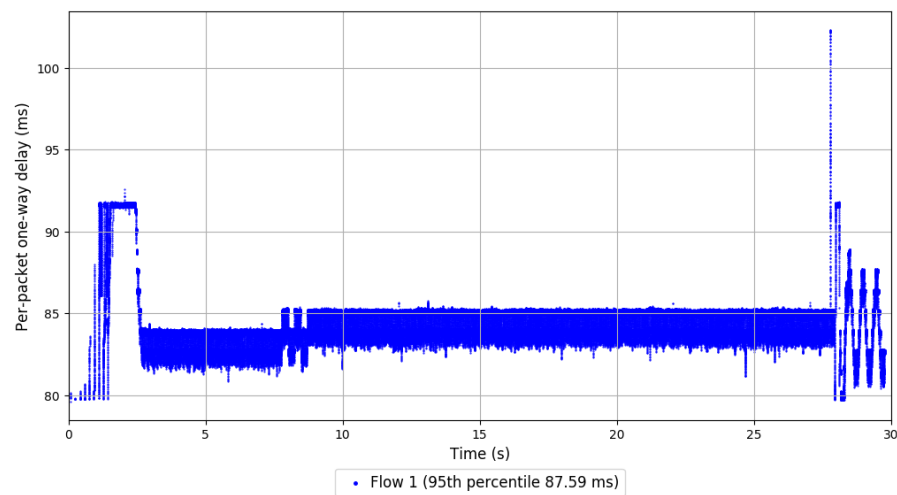
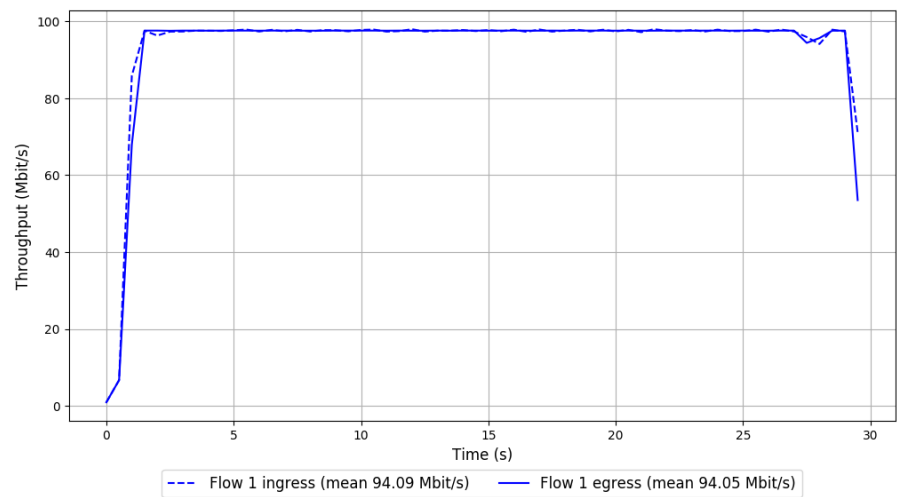
-- Flow 1:

Average throughput: 94.05 Mbit/s

95th percentile per-packet one-way delay: 87.587 ms

Loss rate: 0.60%

Run 10: Report of Indigo-1-32 — Data Link



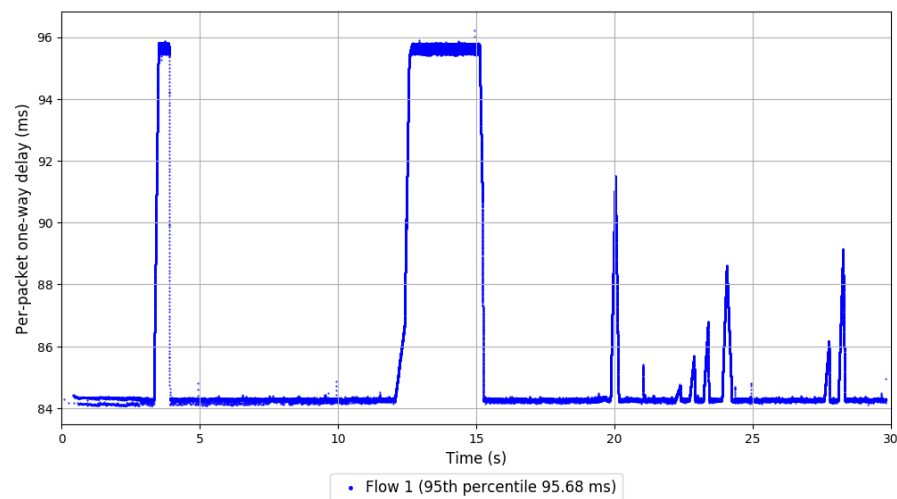
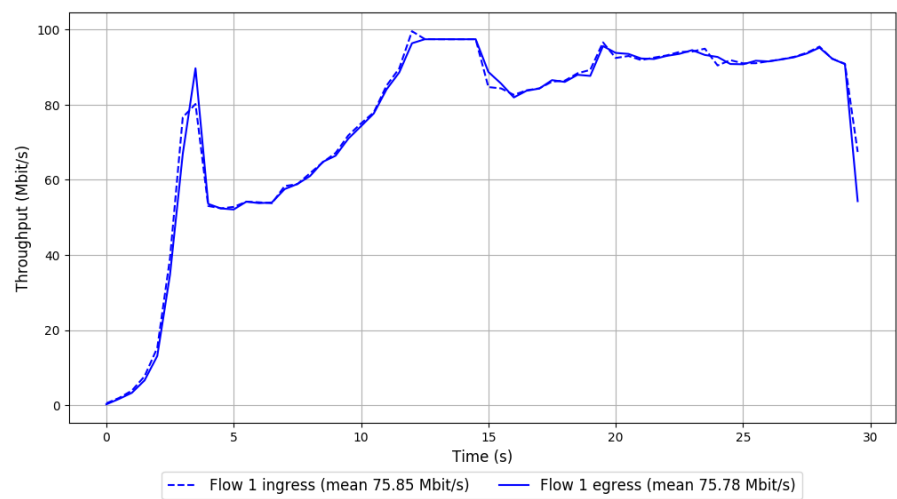
Run 1: Statistics of Vivace-latency

Start at: 2018-02-27 10:58:54  
End at: 2018-02-27 10:59:24  
Local clock offset: -2.885 ms  
Remote clock offset: -6.247 ms

# Below is generated by plot.py at 2018-02-27 18:39:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.78 Mbit/s  
95th percentile per-packet one-way delay: 95.677 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 75.78 Mbit/s  
95th percentile per-packet one-way delay: 95.677 ms  
Loss rate: 0.65%



Run 1: Report of Vivace-latency — Data Link

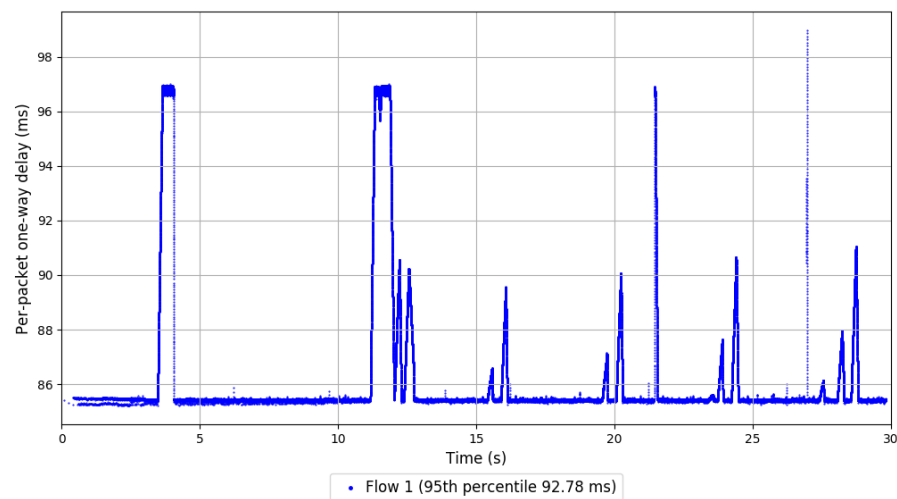
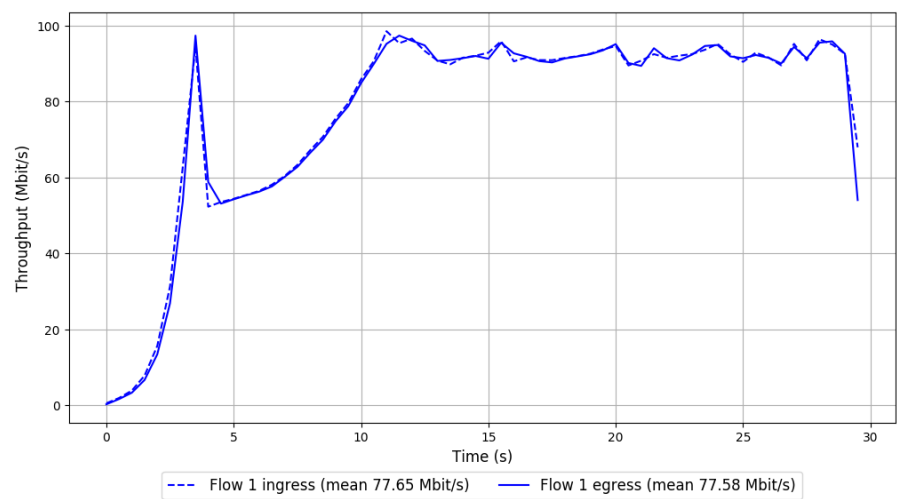


Run 2: Statistics of Vivace-latency

Start at: 2018-02-27 11:20:52  
End at: 2018-02-27 11:21:22  
Local clock offset: -2.18 ms  
Remote clock offset: -6.323 ms

# Below is generated by plot.py at 2018-02-27 18:39:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.58 Mbit/s  
95th percentile per-packet one-way delay: 92.778 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 77.58 Mbit/s  
95th percentile per-packet one-way delay: 92.778 ms  
Loss rate: 0.64%

Run 2: Report of Vivace-latency — Data Link

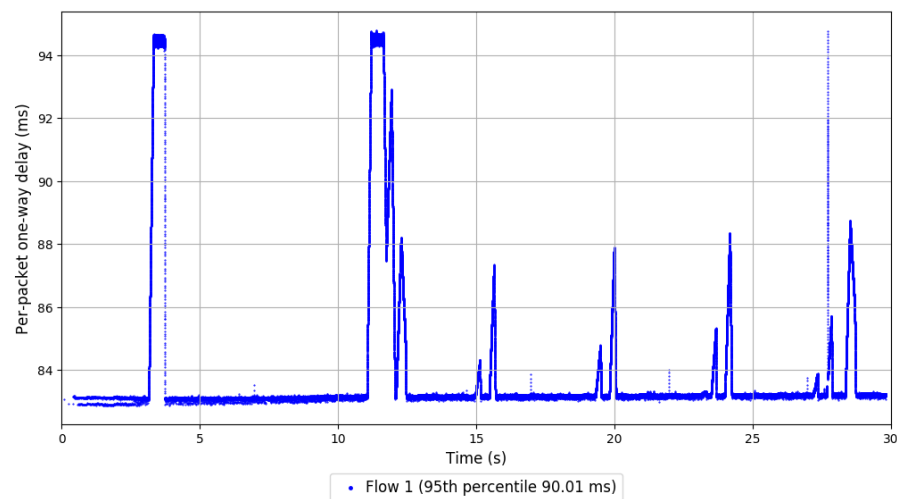
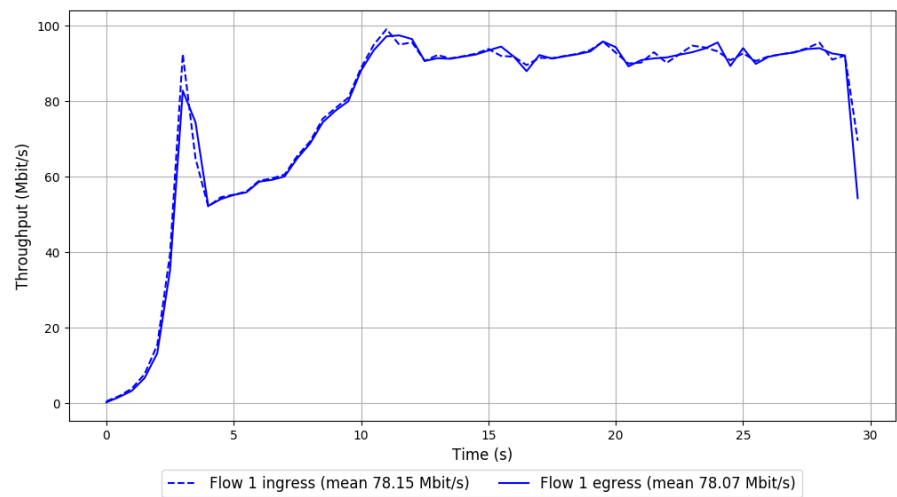


Run 3: Statistics of Vivace-latency

Start at: 2018-02-27 11:42:53  
End at: 2018-02-27 11:43:23  
Local clock offset: -5.023 ms  
Remote clock offset: -5.279 ms

# Below is generated by plot.py at 2018-02-27 18:40:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.07 Mbit/s  
95th percentile per-packet one-way delay: 90.006 ms  
Loss rate: 0.66%  
-- Flow 1:  
Average throughput: 78.07 Mbit/s  
95th percentile per-packet one-way delay: 90.006 ms  
Loss rate: 0.66%

Run 3: Report of Vivace-latency — Data Link

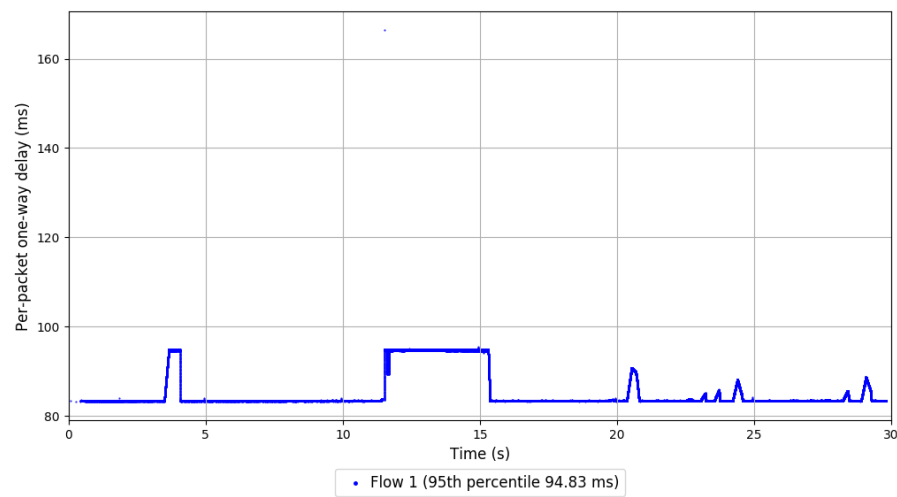
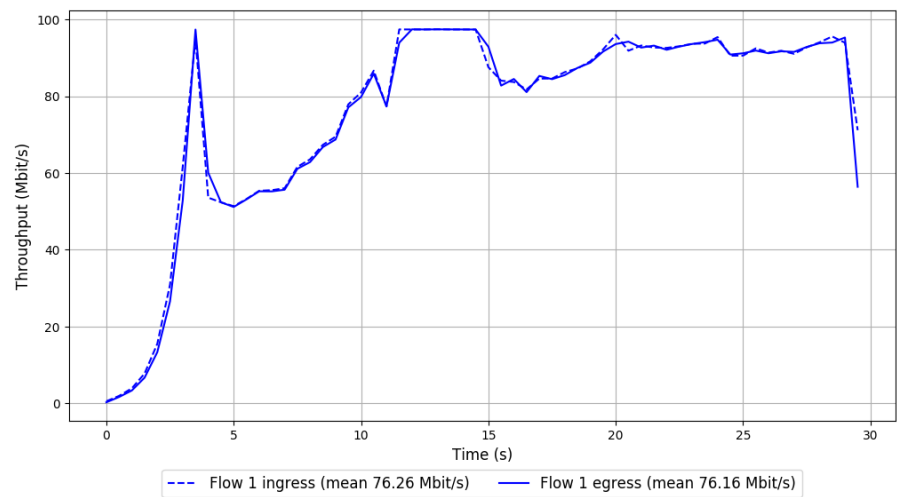


Run 4: Statistics of Vivace-latency

Start at: 2018-02-27 12:04:54  
End at: 2018-02-27 12:05:24  
Local clock offset: -7.555 ms  
Remote clock offset: -4.919 ms

# Below is generated by plot.py at 2018-02-27 18:40:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.16 Mbit/s  
95th percentile per-packet one-way delay: 94.825 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 76.16 Mbit/s  
95th percentile per-packet one-way delay: 94.825 ms  
Loss rate: 0.68%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-02-27 12:26:56

End at: 2018-02-27 12:27:26

Local clock offset: -8.747 ms

Remote clock offset: 0.855 ms

# Below is generated by plot.py at 2018-02-27 18:40:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.97 Mbit/s

95th percentile per-packet one-way delay: 90.937 ms

Loss rate: 0.67%

-- Flow 1:

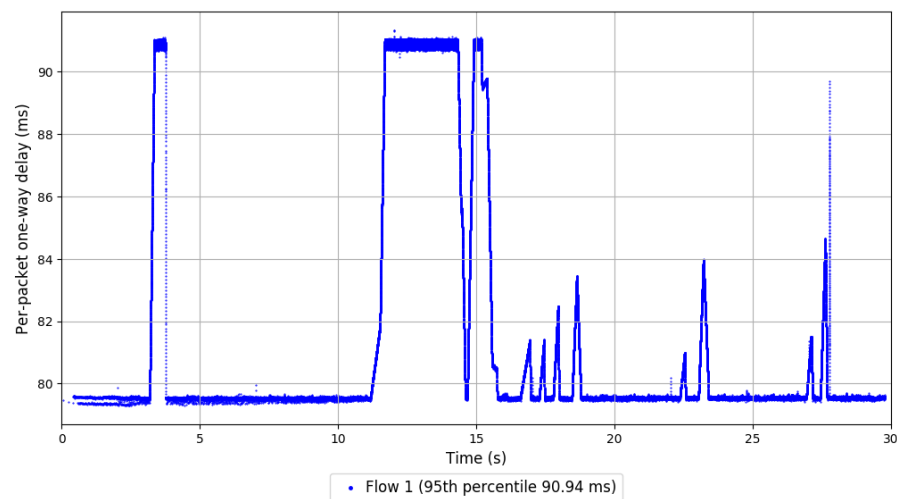
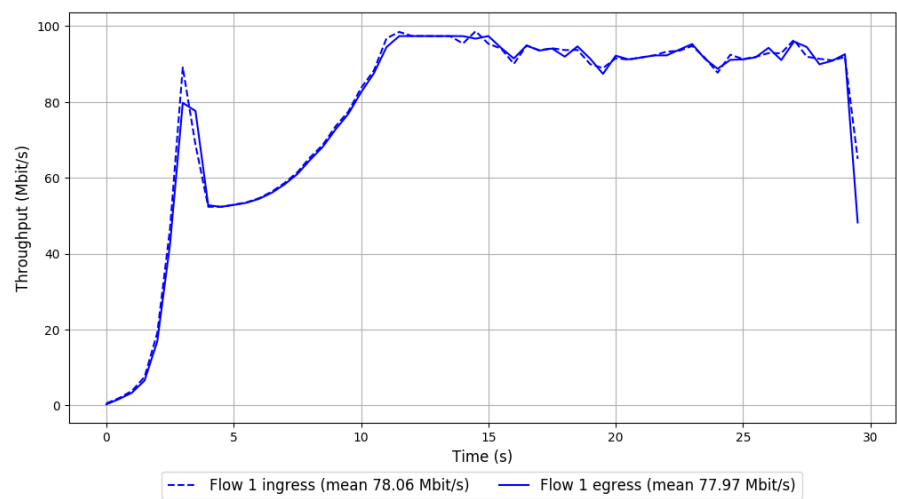
Average throughput: 77.97 Mbit/s

95th percentile per-packet one-way delay: 90.937 ms

Loss rate: 0.67%



Run 5: Report of Vivace-latency — Data Link

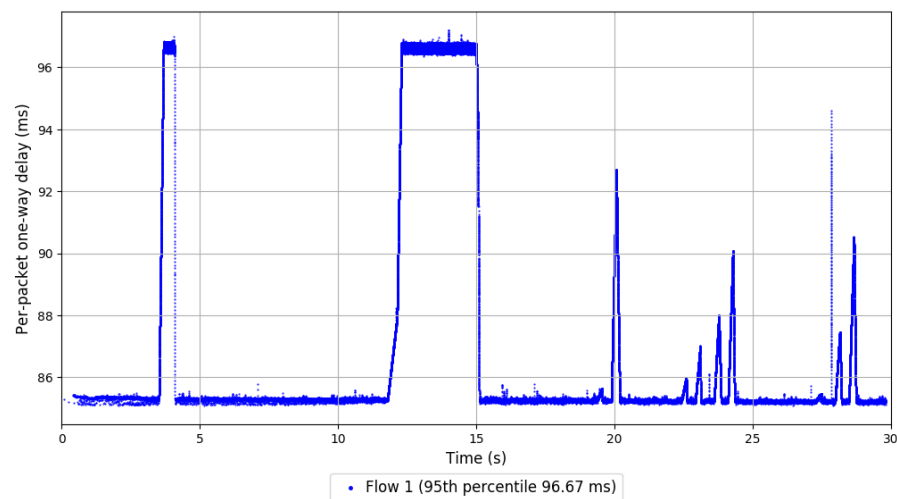
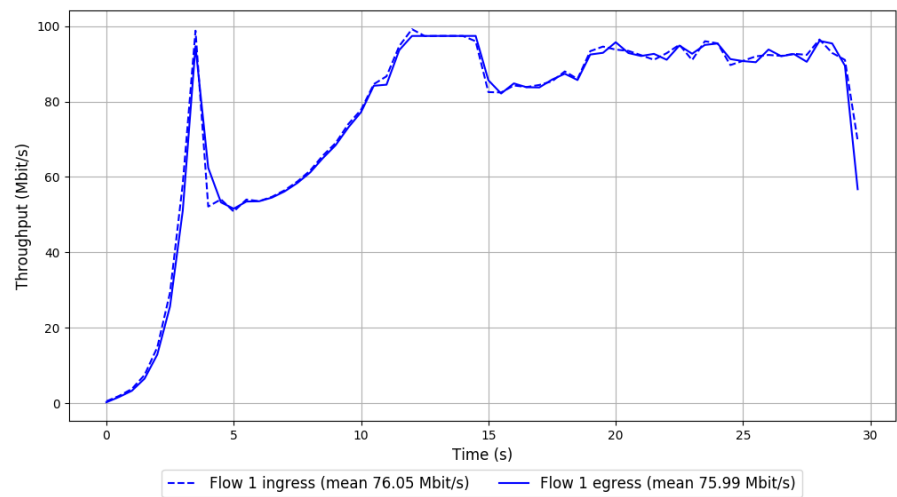


Run 6: Statistics of Vivace-latency

Start at: 2018-02-27 12:48:56  
End at: 2018-02-27 12:49:26  
Local clock offset: -7.3 ms  
Remote clock offset: -5.262 ms

# Below is generated by plot.py at 2018-02-27 18:40:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.99 Mbit/s  
95th percentile per-packet one-way delay: 96.674 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 75.99 Mbit/s  
95th percentile per-packet one-way delay: 96.674 ms  
Loss rate: 0.64%

Run 6: Report of Vivace-latency — Data Link



Run 7: Statistics of Vivace-latency

Start at: 2018-02-27 13:10:56

End at: 2018-02-27 13:11:26

Local clock offset: -5.639 ms

Remote clock offset: 0.398 ms

# Below is generated by plot.py at 2018-02-27 18:40:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.30 Mbit/s

95th percentile per-packet one-way delay: 90.322 ms

Loss rate: 0.68%

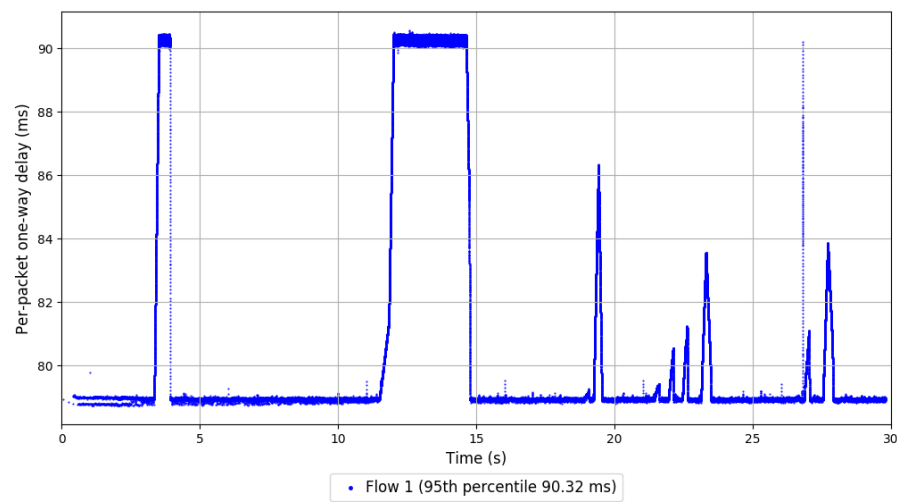
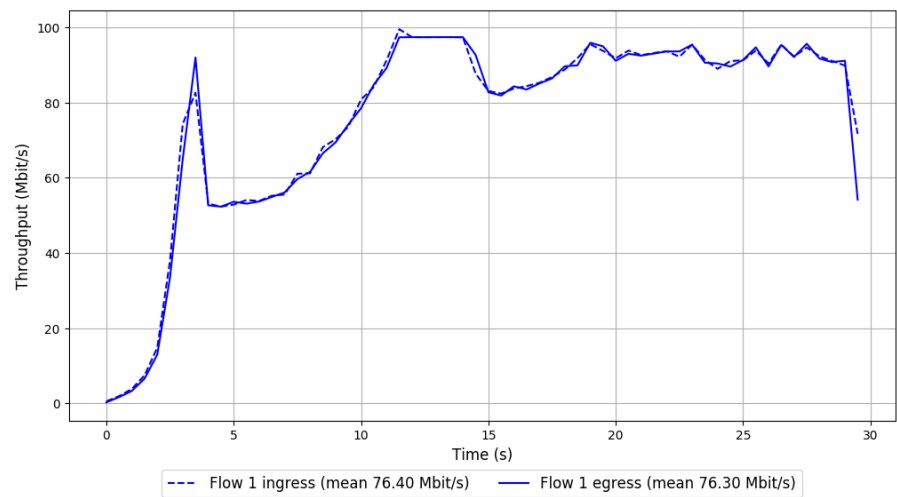
-- Flow 1:

Average throughput: 76.30 Mbit/s

95th percentile per-packet one-way delay: 90.322 ms

Loss rate: 0.68%

Run 7: Report of Vivace-latency — Data Link

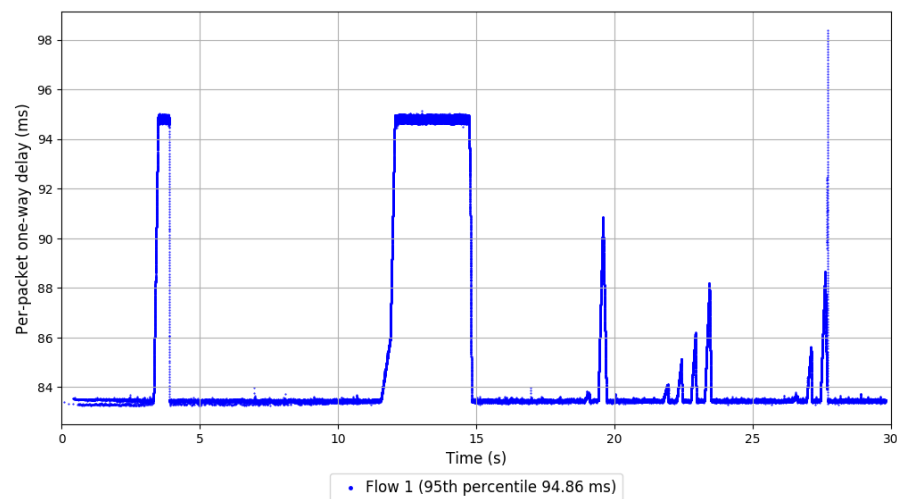
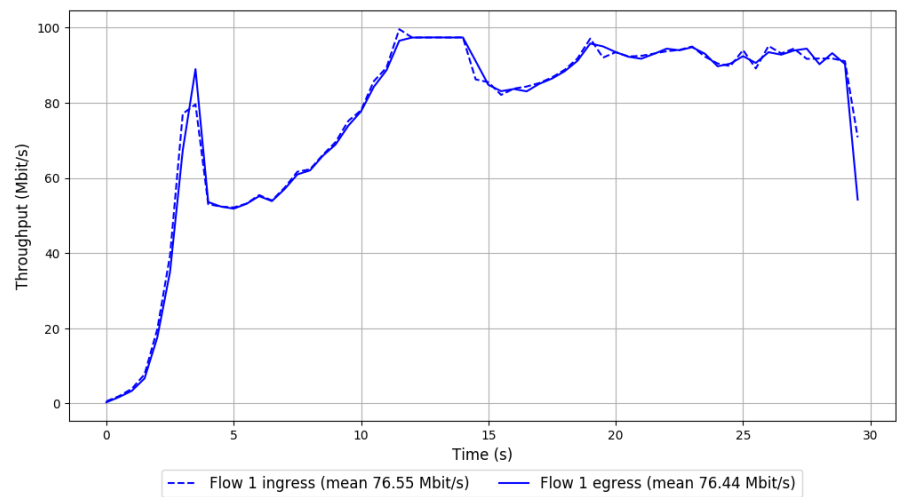


Run 8: Statistics of Vivace-latency

Start at: 2018-02-27 13:32:56  
End at: 2018-02-27 13:33:26  
Local clock offset: -7.201 ms  
Remote clock offset: -5.605 ms

# Below is generated by plot.py at 2018-02-27 18:40:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.44 Mbit/s  
95th percentile per-packet one-way delay: 94.858 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 76.44 Mbit/s  
95th percentile per-packet one-way delay: 94.858 ms  
Loss rate: 0.70%

Run 8: Report of Vivace-latency — Data Link



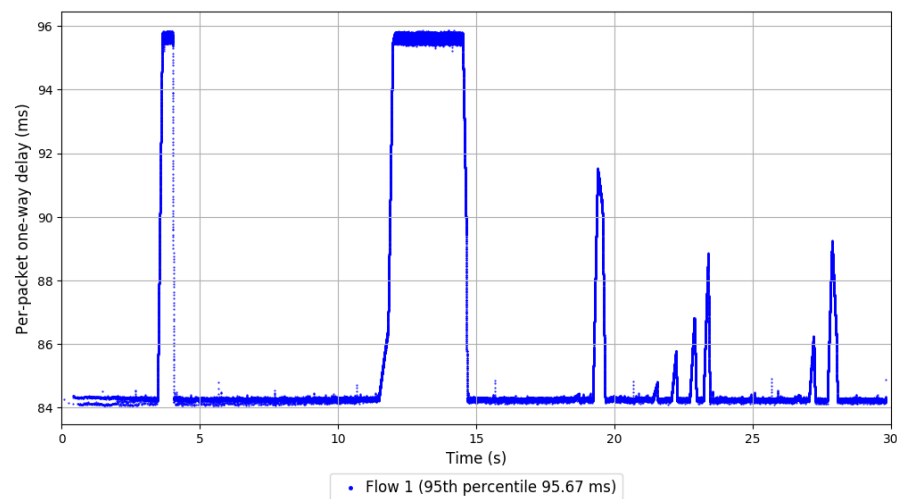
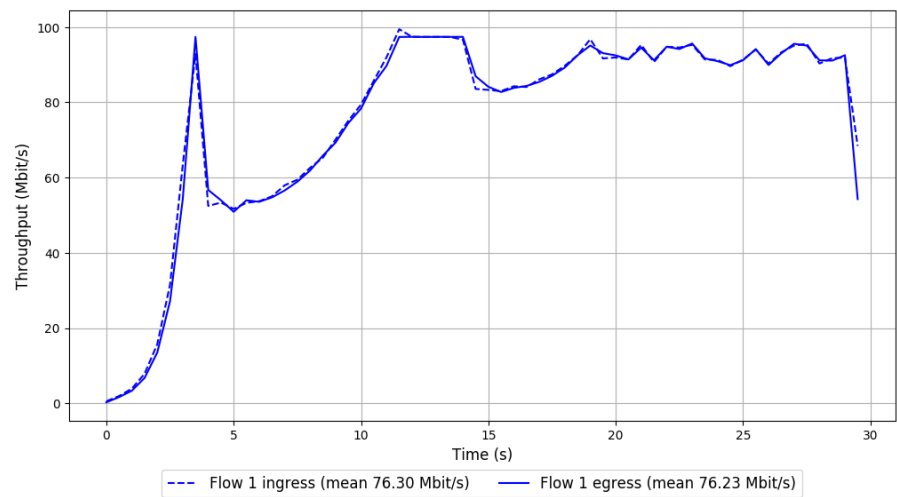
Run 9: Statistics of Vivace-latency

Start at: 2018-02-27 13:55:20  
End at: 2018-02-27 13:55:50  
Local clock offset: -6.827 ms  
Remote clock offset: -6.794 ms

# Below is generated by plot.py at 2018-02-27 18:40:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.23 Mbit/s  
95th percentile per-packet one-way delay: 95.666 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 76.23 Mbit/s  
95th percentile per-packet one-way delay: 95.666 ms  
Loss rate: 0.64%



Run 9: Report of Vivace-latency — Data Link

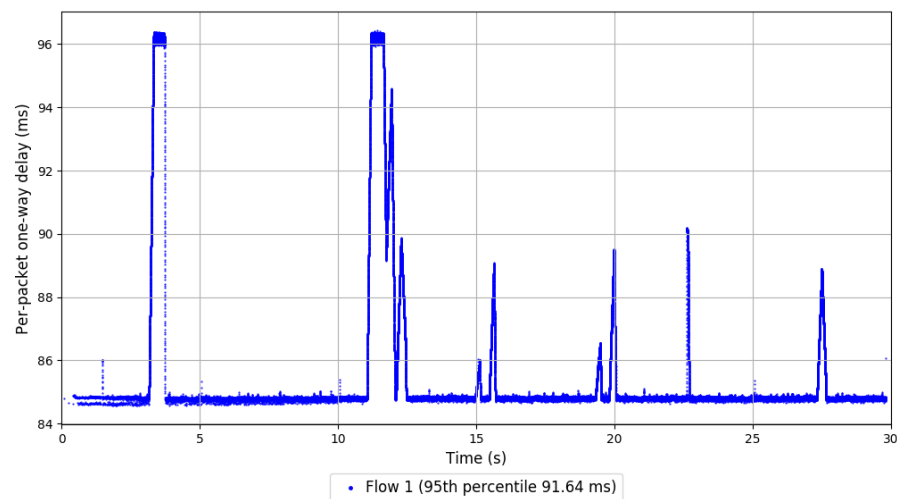
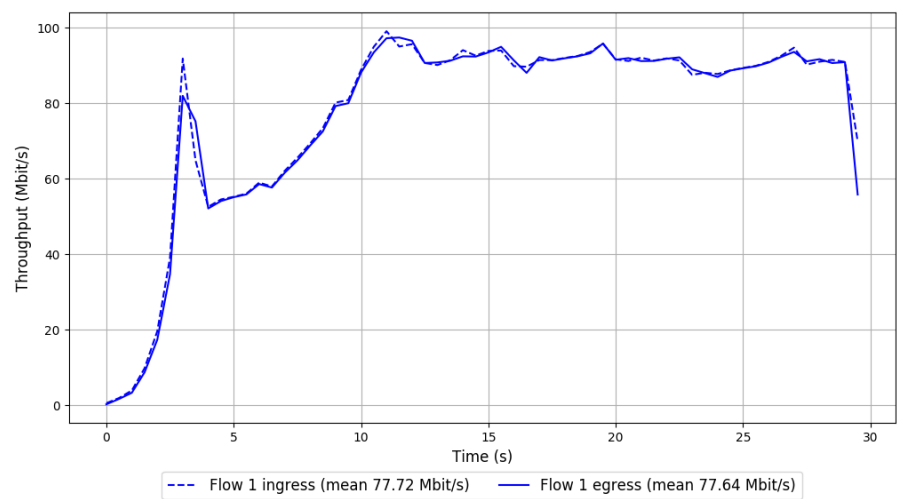


Run 10: Statistics of Vivace-latency

Start at: 2018-02-27 14:17:32  
End at: 2018-02-27 14:18:02  
Local clock offset: -5.669 ms  
Remote clock offset: -5.403 ms

# Below is generated by plot.py at 2018-02-27 18:40:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.64 Mbit/s  
95th percentile per-packet one-way delay: 91.638 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 77.64 Mbit/s  
95th percentile per-packet one-way delay: 91.638 ms  
Loss rate: 0.65%

Run 10: Report of Vivace-latency — Data Link

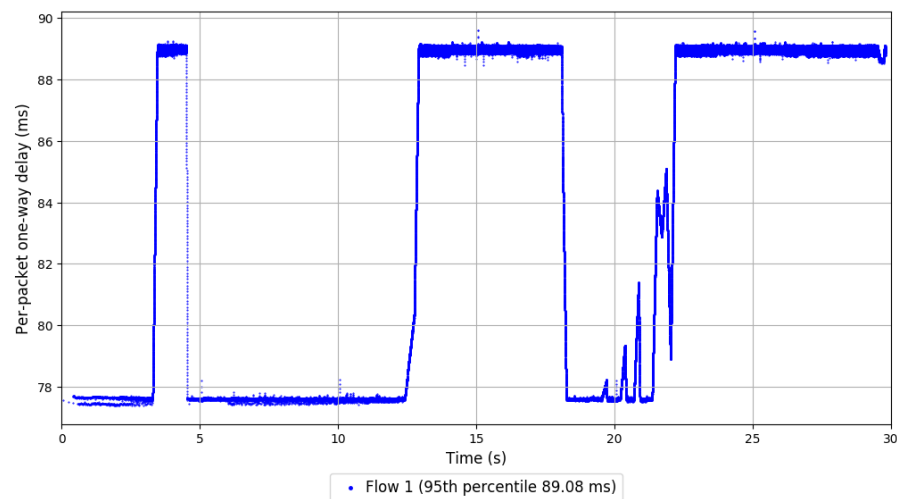
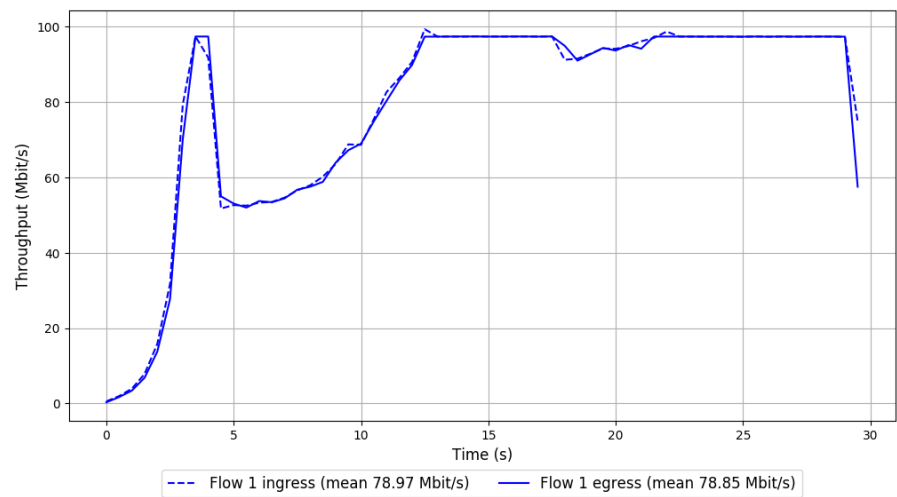


```
Run 1: Statistics of Vivace-loss

Start at: 2018-02-27 11:02:39
End at: 2018-02-27 11:03:09
Local clock offset: -2.723 ms
Remote clock offset: 0.301 ms

# Below is generated by plot.py at 2018-02-27 18:41:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.85 Mbit/s
95th percentile per-packet one-way delay: 89.084 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 78.85 Mbit/s
95th percentile per-packet one-way delay: 89.084 ms
Loss rate: 0.73%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-27 11:24:36

End at: 2018-02-27 11:25:07

Local clock offset: -2.063 ms

Remote clock offset: -5.493 ms

# Below is generated by plot.py at 2018-02-27 18:41:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.30 Mbit/s

95th percentile per-packet one-way delay: 94.666 ms

Loss rate: 0.72%

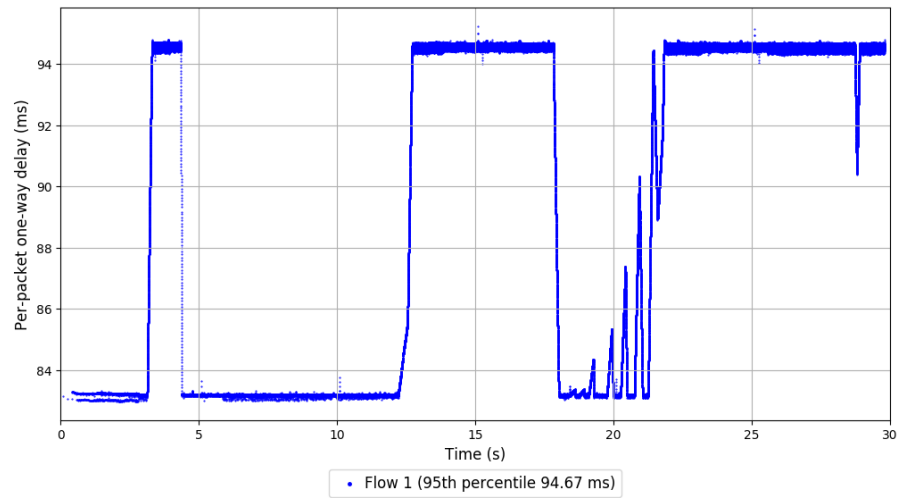
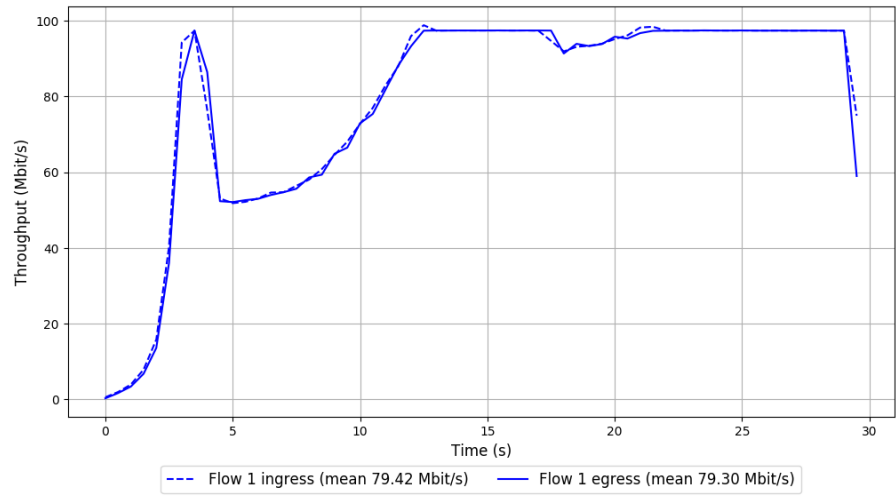
-- Flow 1:

Average throughput: 79.30 Mbit/s

95th percentile per-packet one-way delay: 94.666 ms

Loss rate: 0.72%

## Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-27 11:46:37

End at: 2018-02-27 11:47:07

Local clock offset: -5.73 ms

Remote clock offset: -5.275 ms

# Below is generated by plot.py at 2018-02-27 18:41:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.65 Mbit/s

95th percentile per-packet one-way delay: 97.709 ms

Loss rate: 0.72%

-- Flow 1:

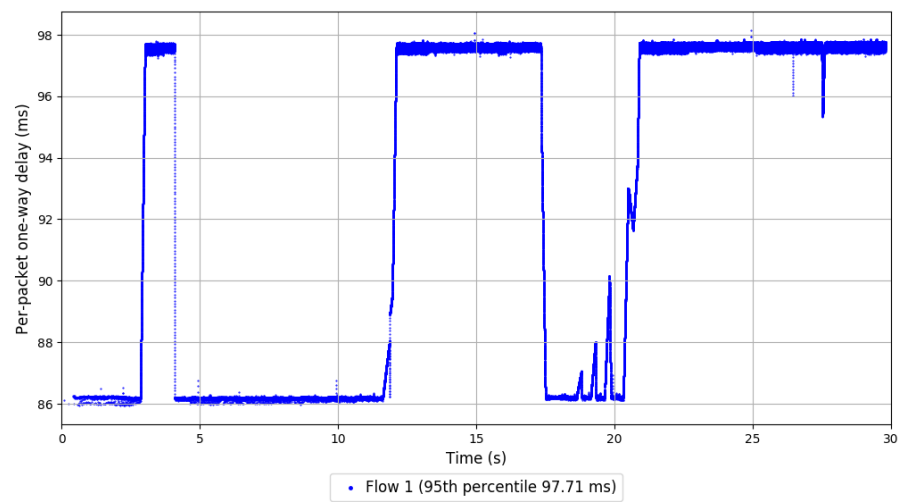
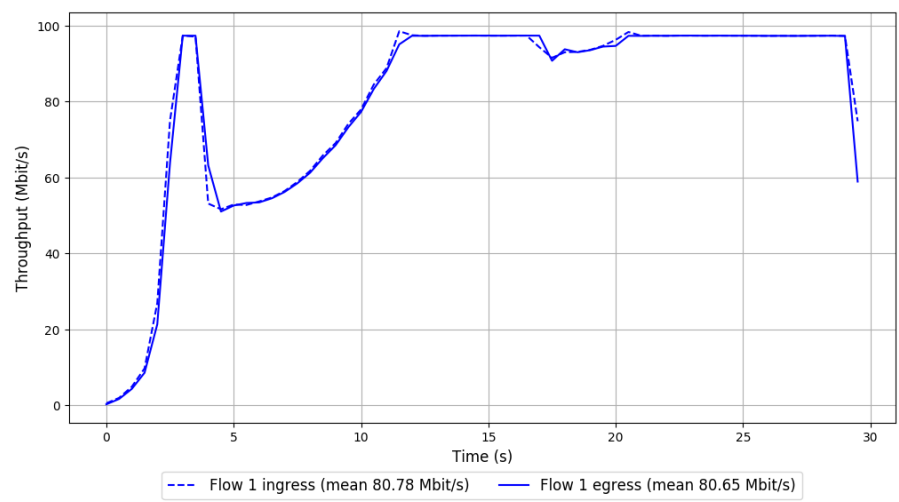
Average throughput: 80.65 Mbit/s

95th percentile per-packet one-way delay: 97.709 ms

Loss rate: 0.72%



Run 3: Report of Vivace-loss — Data Link

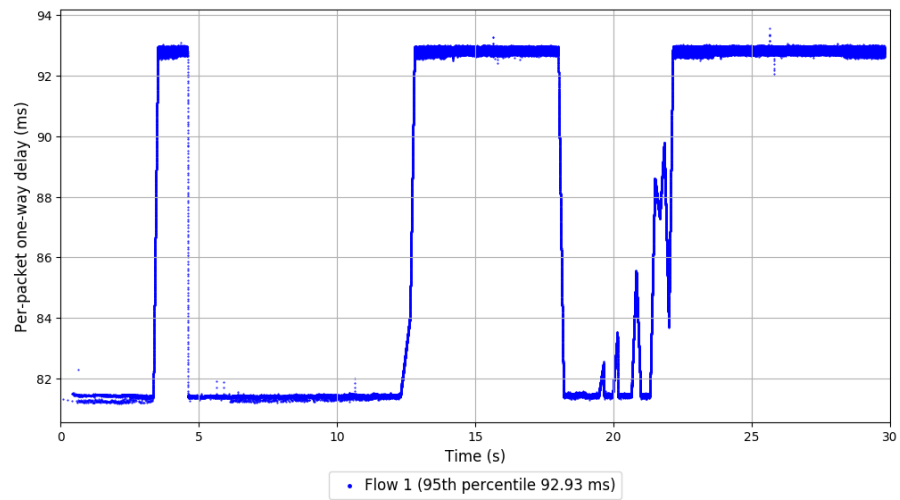
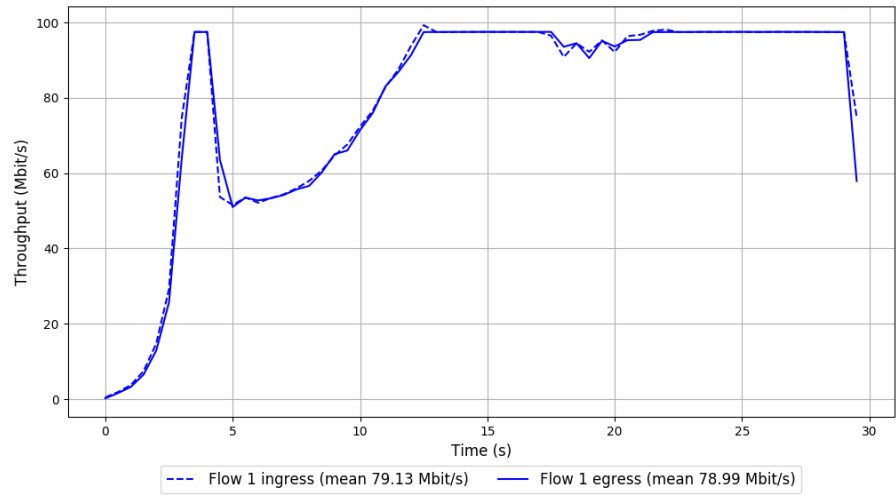


Run 4: Statistics of Vivace-loss

Start at: 2018-02-27 12:08:39  
End at: 2018-02-27 12:09:09  
Local clock offset: -7.818 ms  
Remote clock offset: -0.037 ms

# Below is generated by plot.py at 2018-02-27 18:41:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.99 Mbit/s  
95th percentile per-packet one-way delay: 92.930 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 78.99 Mbit/s  
95th percentile per-packet one-way delay: 92.930 ms  
Loss rate: 0.74%

#### Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-27 12:30:40

End at: 2018-02-27 12:31:10

Local clock offset: -9.038 ms

Remote clock offset: 0.991 ms

# Below is generated by plot.py at 2018-02-27 18:41:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.25 Mbit/s

95th percentile per-packet one-way delay: 89.940 ms

Loss rate: 0.73%

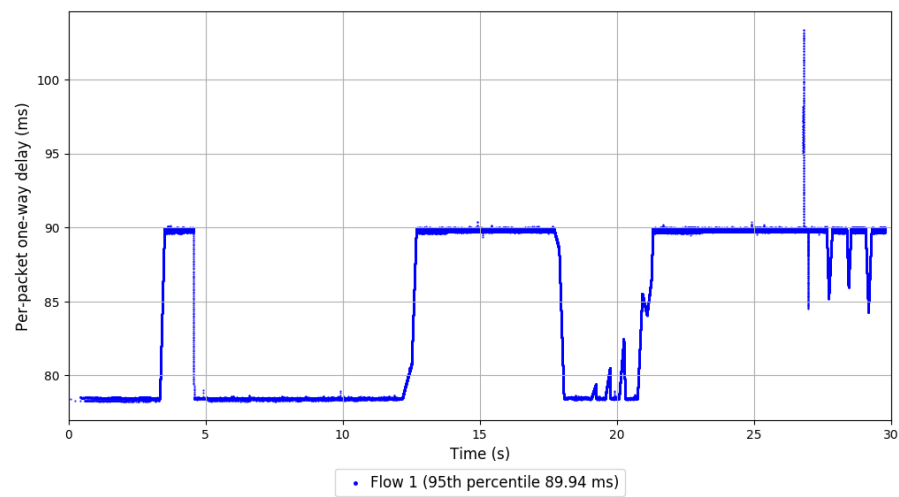
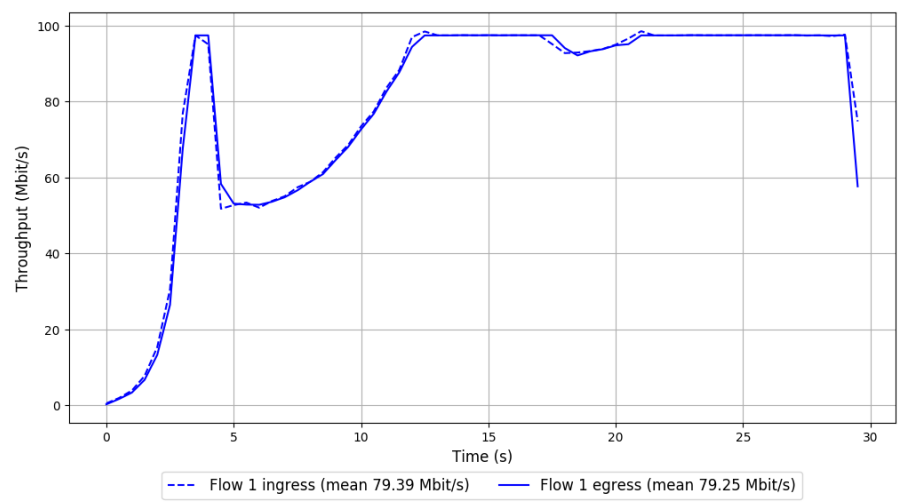
-- Flow 1:

Average throughput: 79.25 Mbit/s

95th percentile per-packet one-way delay: 89.940 ms

Loss rate: 0.73%

Run 5: Report of Vivace-loss — Data Link

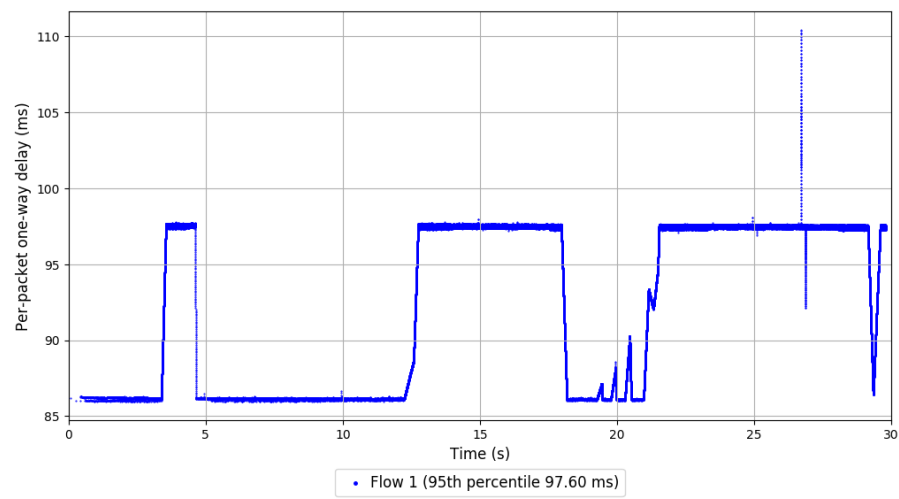
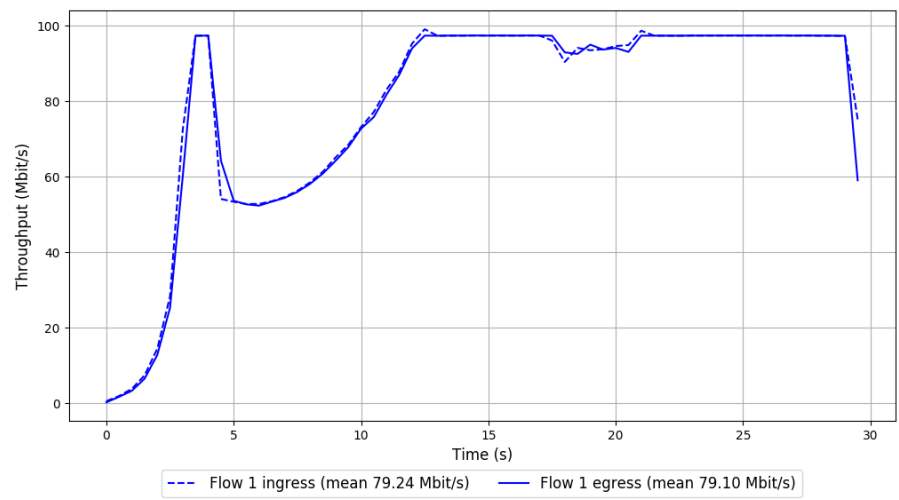


Run 6: Statistics of Vivace-loss

Start at: 2018-02-27 12:52:40  
End at: 2018-02-27 12:53:10  
Local clock offset: -6.725 ms  
Remote clock offset: -4.717 ms

# Below is generated by plot.py at 2018-02-27 18:41:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.10 Mbit/s  
95th percentile per-packet one-way delay: 97.597 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 79.10 Mbit/s  
95th percentile per-packet one-way delay: 97.597 ms  
Loss rate: 0.74%

Run 6: Report of Vivace-loss — Data Link



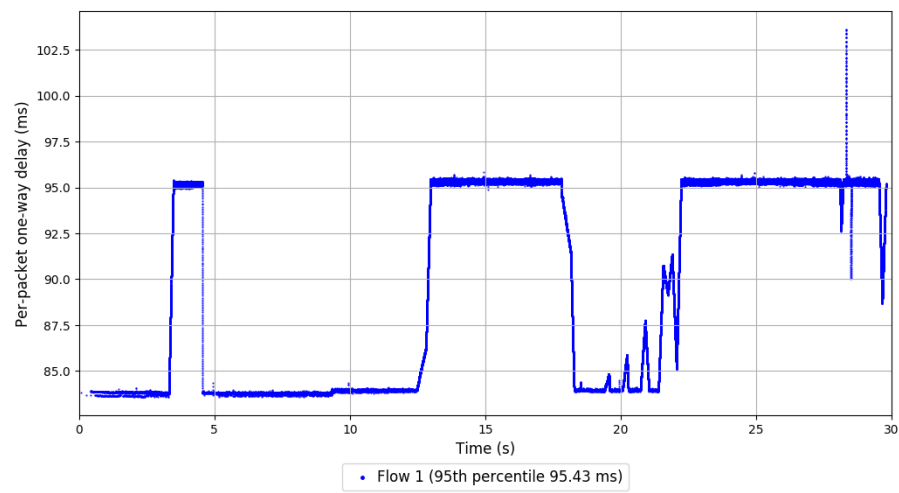
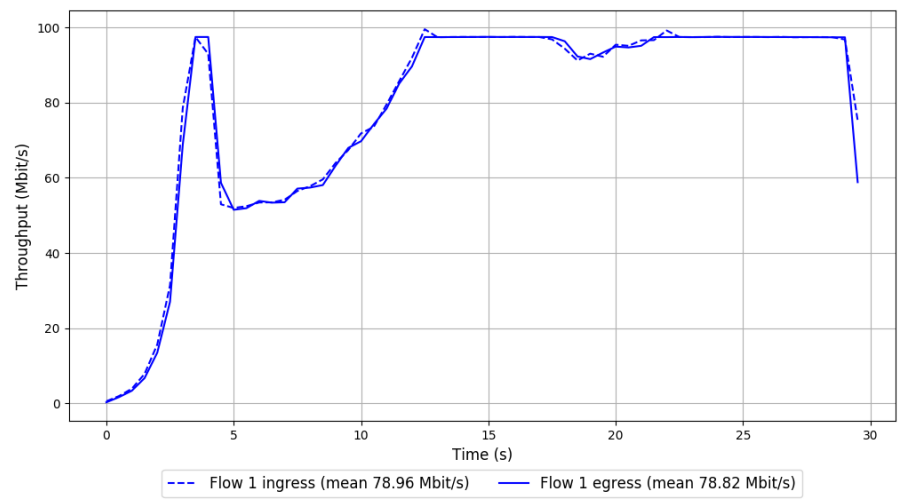
Run 7: Statistics of Vivace-loss

Start at: 2018-02-27 13:14:40  
End at: 2018-02-27 13:15:10  
Local clock offset: -5.545 ms  
Remote clock offset: -6.055 ms

# Below is generated by plot.py at 2018-02-27 18:41:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.82 Mbit/s  
95th percentile per-packet one-way delay: 95.434 ms  
Loss rate: 0.73%  
-- Flow 1:  
Average throughput: 78.82 Mbit/s  
95th percentile per-packet one-way delay: 95.434 ms  
Loss rate: 0.73%



Run 7: Report of Vivace-loss — Data Link

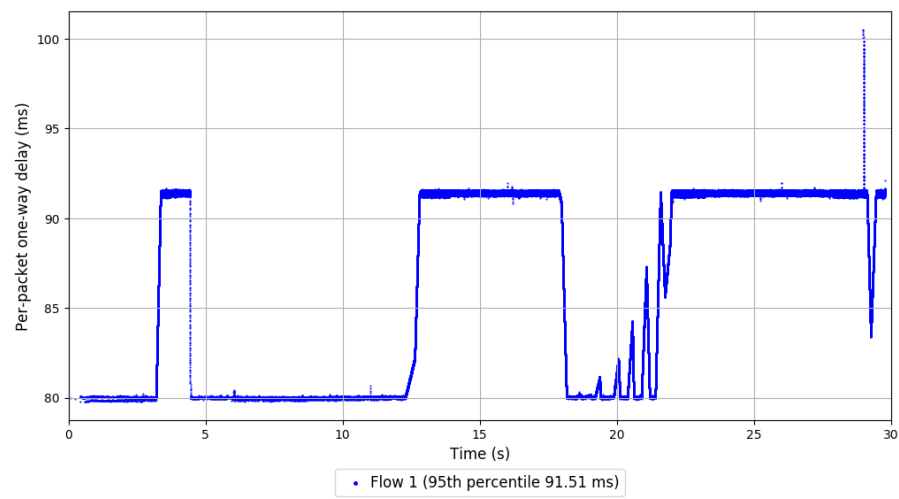
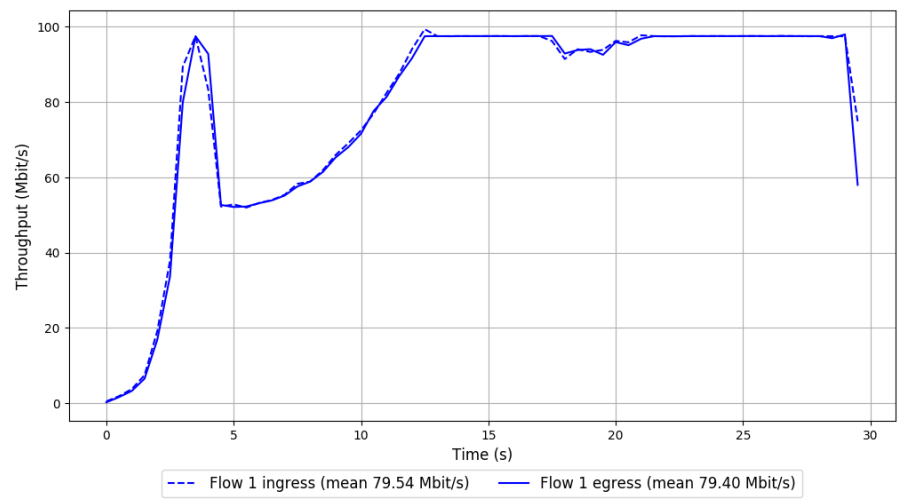


Run 8: Statistics of Vivace-loss

Start at: 2018-02-27 13:37:01  
End at: 2018-02-27 13:37:31  
Local clock offset: -7.329 ms  
Remote clock offset: -0.972 ms

# Below is generated by plot.py at 2018-02-27 18:41:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.40 Mbit/s  
95th percentile per-packet one-way delay: 91.509 ms  
Loss rate: 0.73%  
-- Flow 1:  
Average throughput: 79.40 Mbit/s  
95th percentile per-packet one-way delay: 91.509 ms  
Loss rate: 0.73%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-27 13:59:04

End at: 2018-02-27 13:59:34

Local clock offset: -6.499 ms

Remote clock offset: -6.823 ms

# Below is generated by plot.py at 2018-02-27 18:42:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.07 Mbit/s

95th percentile per-packet one-way delay: 96.610 ms

Loss rate: 0.73%

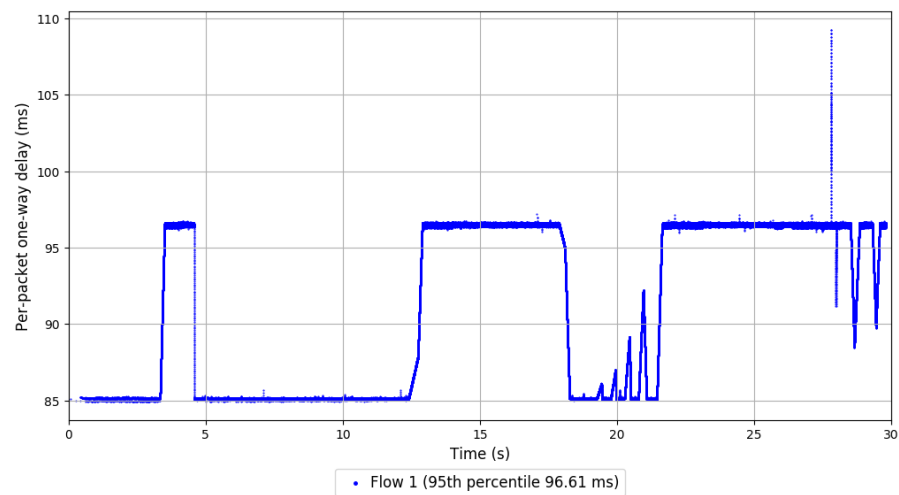
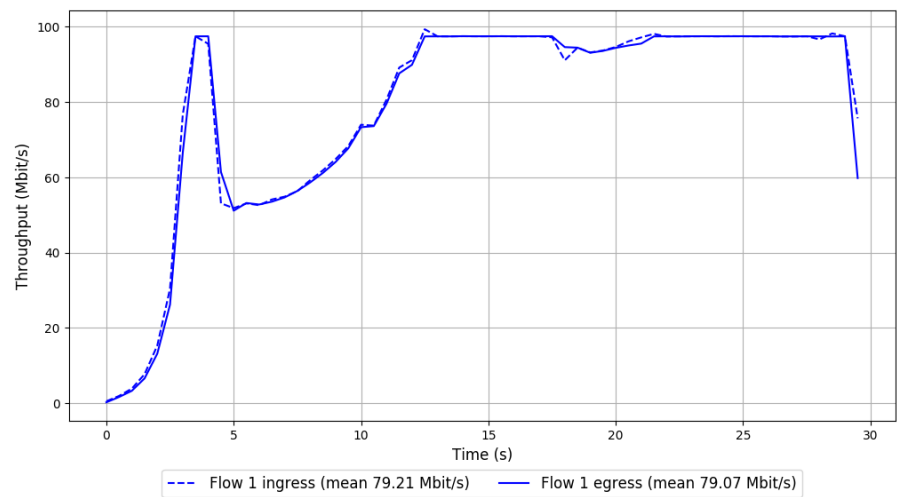
-- Flow 1:

Average throughput: 79.07 Mbit/s

95th percentile per-packet one-way delay: 96.610 ms

Loss rate: 0.73%

Run 9: Report of Vivace-loss — Data Link

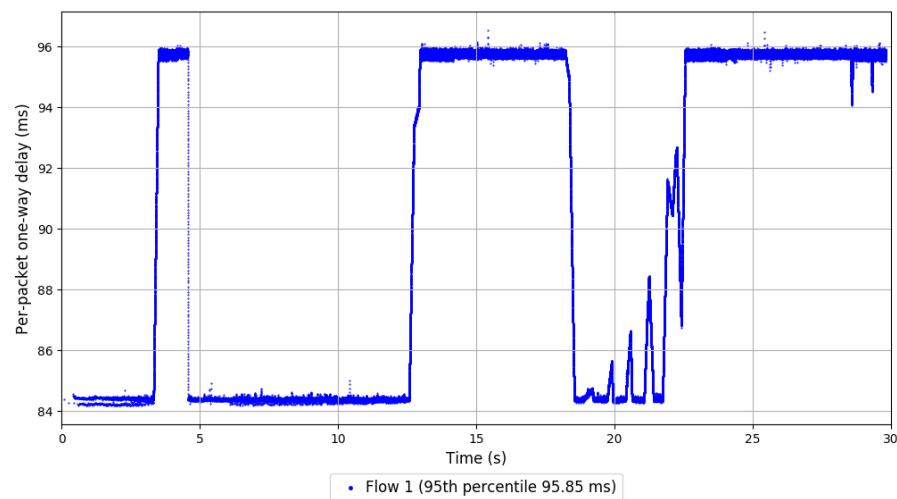
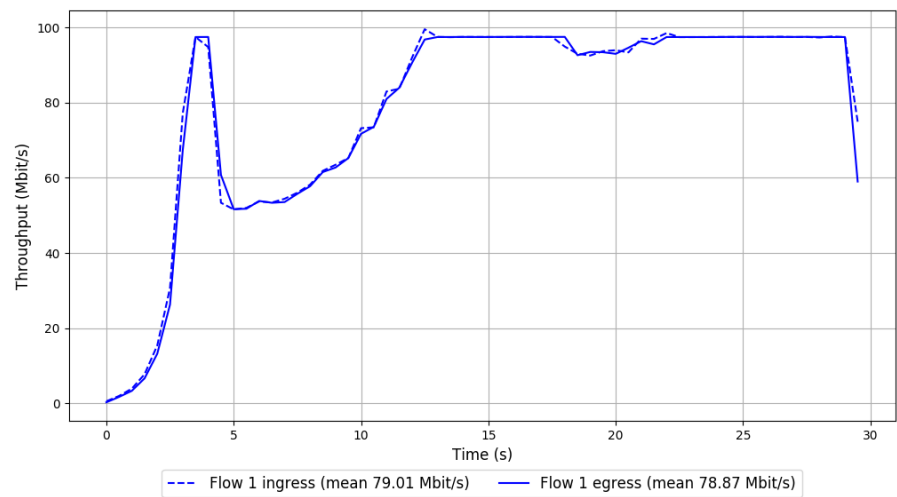


Run 10: Statistics of Vivace-loss

Start at: 2018-02-27 14:21:17  
End at: 2018-02-27 14:21:47  
Local clock offset: -5.609 ms  
Remote clock offset: -6.266 ms

# Below is generated by plot.py at 2018-02-27 18:42:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.87 Mbit/s  
95th percentile per-packet one-way delay: 95.852 ms  
Loss rate: 0.73%  
-- Flow 1:  
Average throughput: 78.87 Mbit/s  
95th percentile per-packet one-way delay: 95.852 ms  
Loss rate: 0.73%

Run 10: Report of Vivace-loss — Data Link



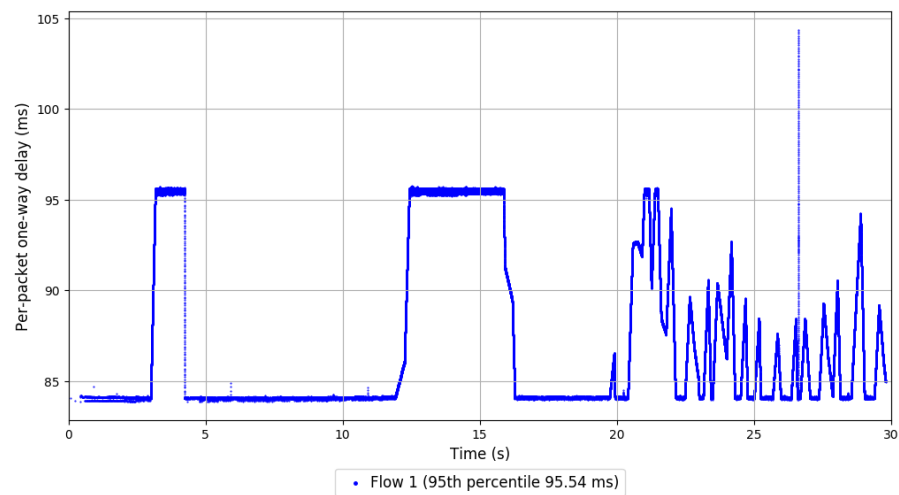
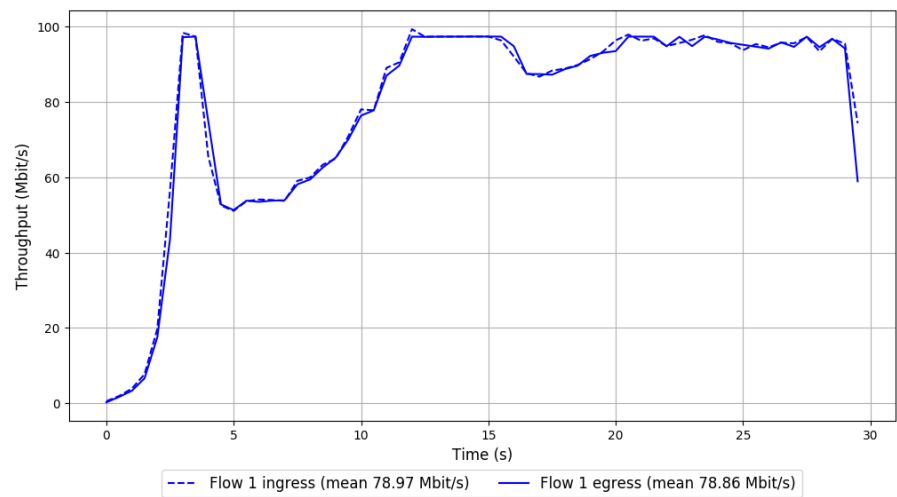
Run 1: Statistics of Vivace-LTE

Start at: 2018-02-27 11:00:09  
End at: 2018-02-27 11:00:39  
Local clock offset: -2.78 ms  
Remote clock offset: -6.179 ms

# Below is generated by plot.py at 2018-02-27 18:42:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.86 Mbit/s  
95th percentile per-packet one-way delay: 95.539 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 78.86 Mbit/s  
95th percentile per-packet one-way delay: 95.539 ms  
Loss rate: 0.70%



Run 1: Report of Vivace-LTE — Data Link

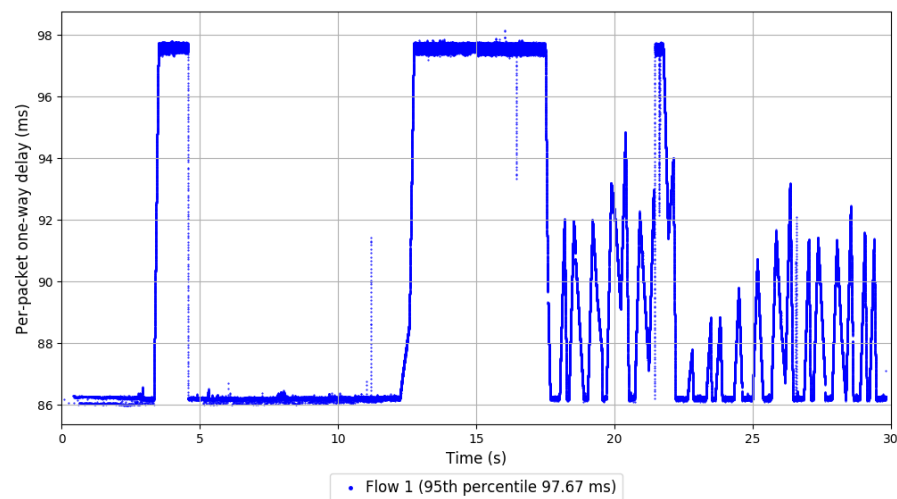
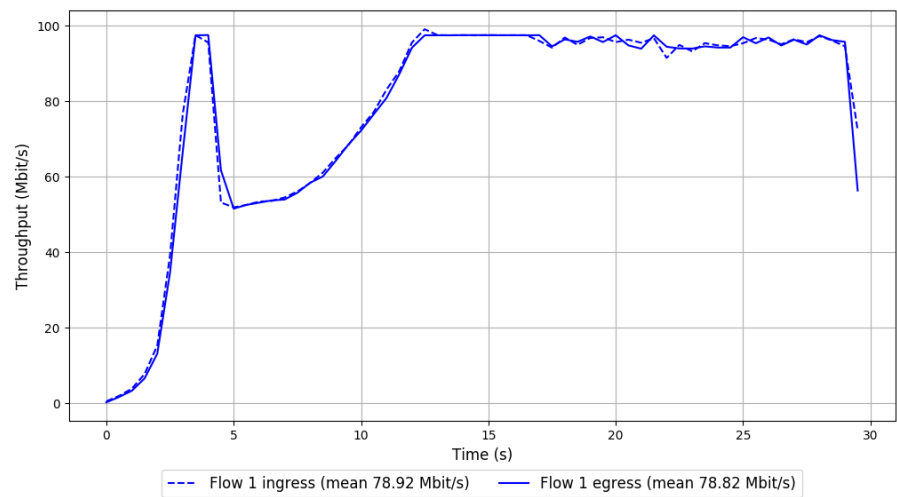


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-27 11:22:07  
End at: 2018-02-27 11:22:37  
Local clock offset: -2.139 ms  
Remote clock offset: -5.424 ms

# Below is generated by plot.py at 2018-02-27 18:42:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.82 Mbit/s  
95th percentile per-packet one-way delay: 97.666 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 78.82 Mbit/s  
95th percentile per-packet one-way delay: 97.666 ms  
Loss rate: 0.68%

Run 2: Report of Vivace-LTE — Data Link

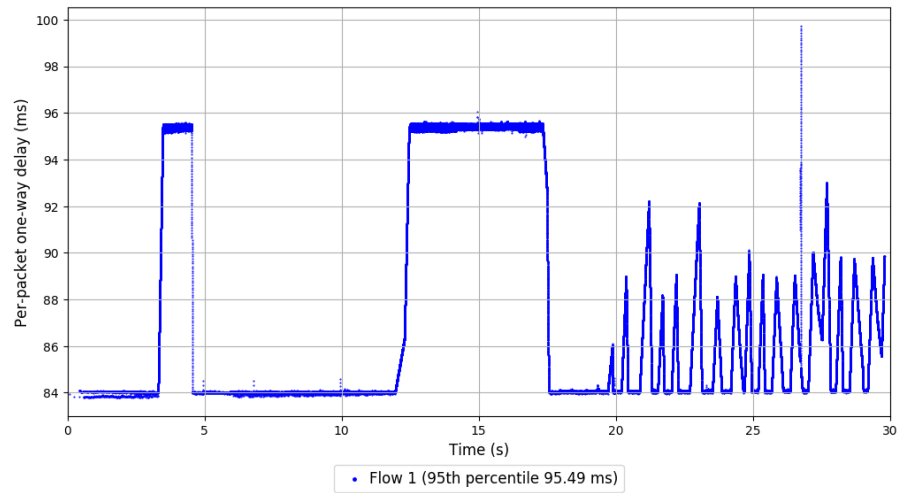
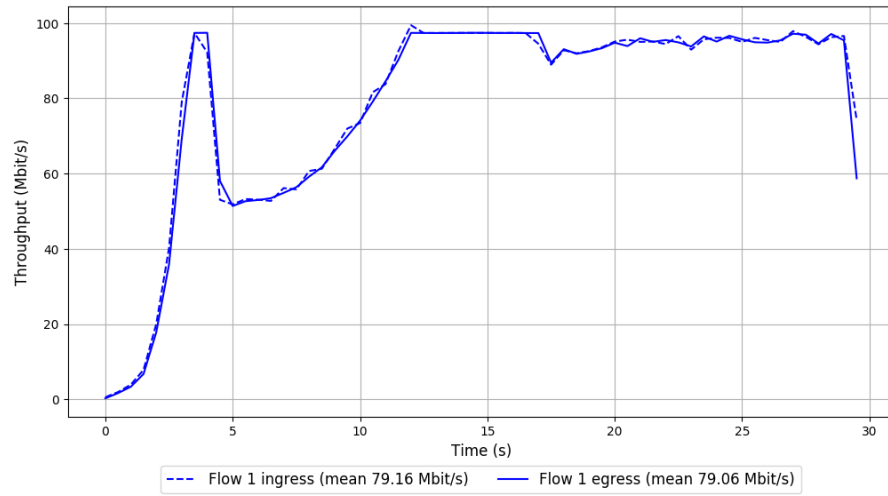


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-27 11:44:08  
End at: 2018-02-27 11:44:38  
Local clock offset: -5.275 ms  
Remote clock offset: -6.148 ms

# Below is generated by plot.py at 2018-02-27 18:42:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.06 Mbit/s  
95th percentile per-packet one-way delay: 95.487 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 79.06 Mbit/s  
95th percentile per-packet one-way delay: 95.487 ms  
Loss rate: 0.68%

### Run 3: Report of Vivace-LTE — Data Link

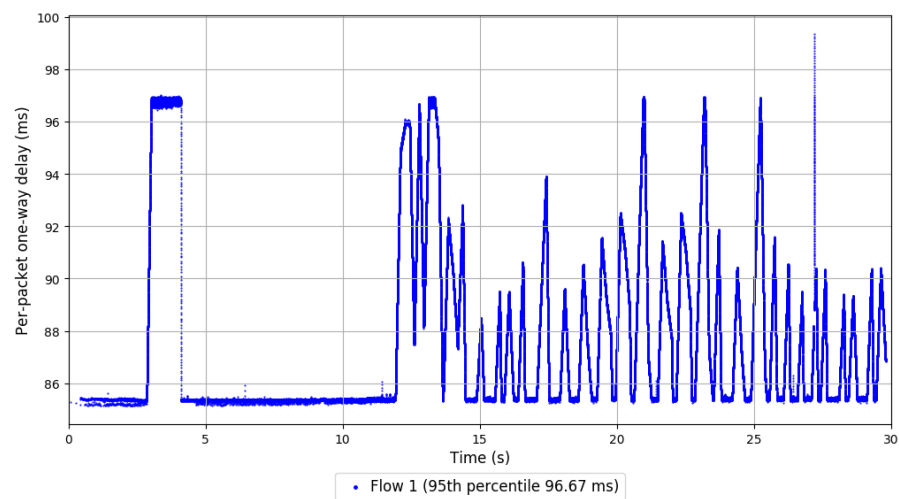
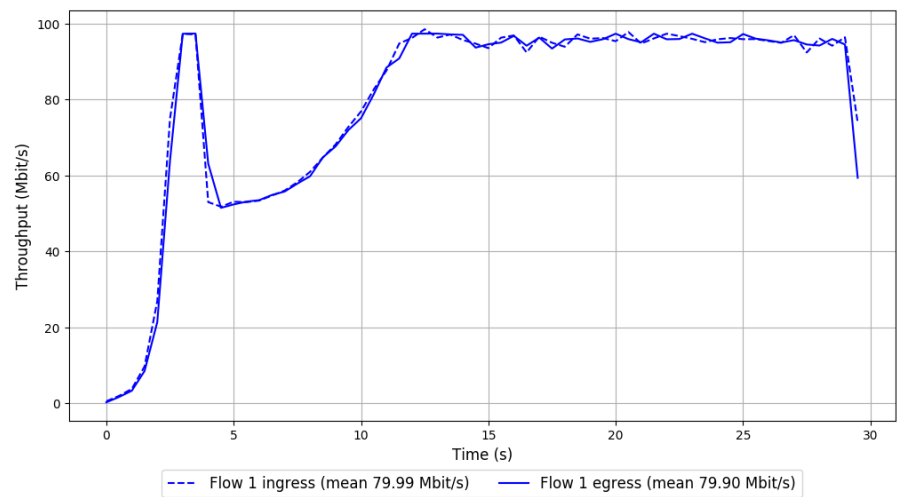


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-27 12:06:09  
End at: 2018-02-27 12:06:39  
Local clock offset: -7.721 ms  
Remote clock offset: -5.731 ms

# Below is generated by plot.py at 2018-02-27 18:42:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.90 Mbit/s  
95th percentile per-packet one-way delay: 96.674 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 79.90 Mbit/s  
95th percentile per-packet one-way delay: 96.674 ms  
Loss rate: 0.67%

Run 4: Report of Vivace-LTE — Data Link



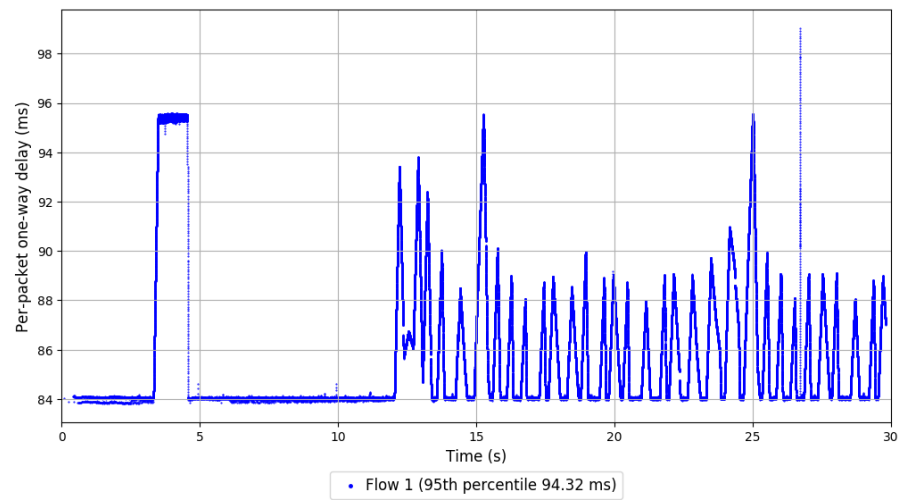
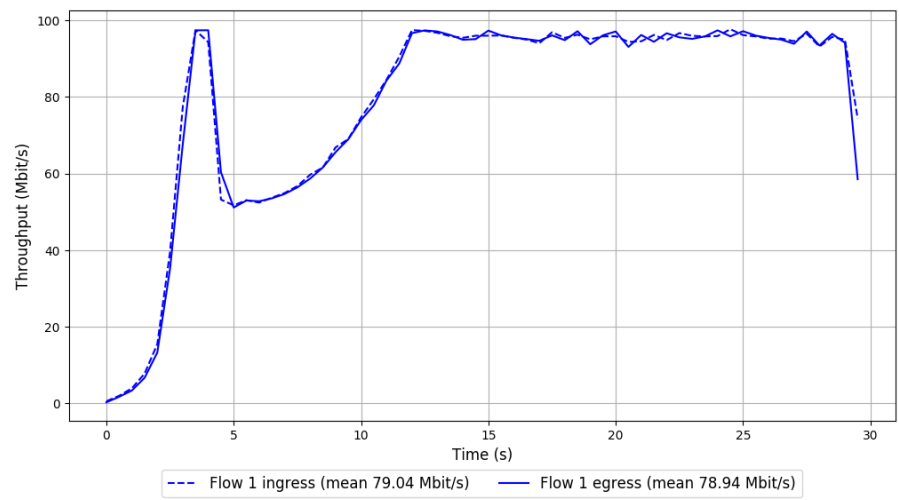
Run 5: Statistics of Vivace-LTE

Start at: 2018-02-27 12:28:10  
End at: 2018-02-27 12:28:40  
Local clock offset: -8.848 ms  
Remote clock offset: -5.615 ms

# Below is generated by plot.py at 2018-02-27 18:42:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.94 Mbit/s  
95th percentile per-packet one-way delay: 94.318 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 78.94 Mbit/s  
95th percentile per-packet one-way delay: 94.318 ms  
Loss rate: 0.68%



Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-02-27 12:50:11

End at: 2018-02-27 12:50:41

Local clock offset: -7.114 ms

Remote clock offset: 0.366 ms

# Below is generated by plot.py at 2018-02-27 18:43:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.67 Mbit/s

95th percentile per-packet one-way delay: 91.696 ms

Loss rate: 0.70%

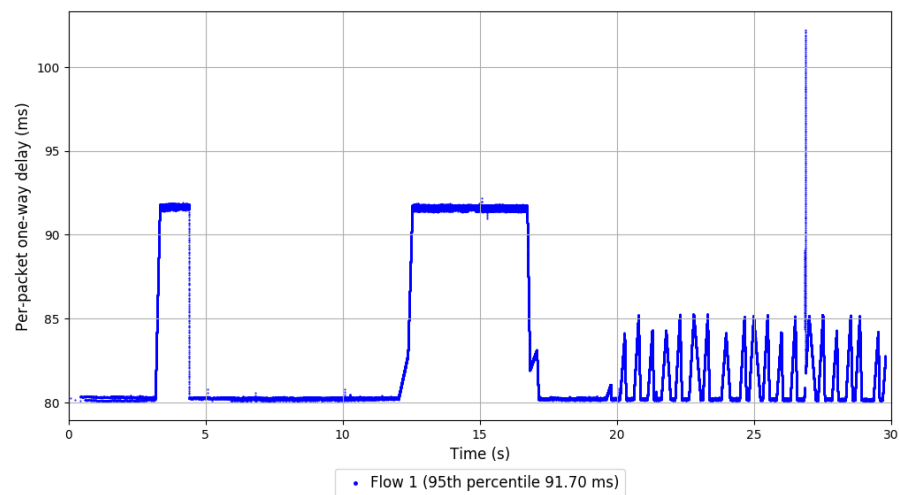
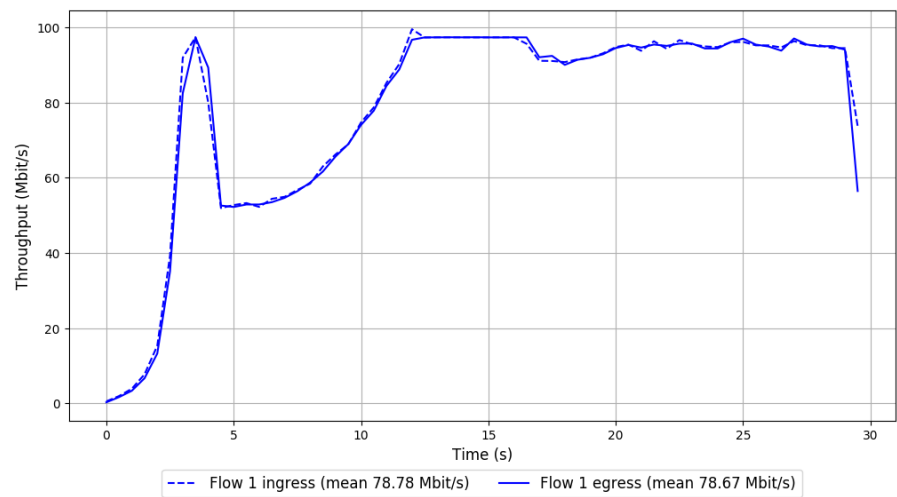
-- Flow 1:

Average throughput: 78.67 Mbit/s

95th percentile per-packet one-way delay: 91.696 ms

Loss rate: 0.70%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-02-27 13:12:11

End at: 2018-02-27 13:12:41

Local clock offset: -5.586 ms

Remote clock offset: -0.41 ms

# Below is generated by plot.py at 2018-02-27 18:43:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.19 Mbit/s

95th percentile per-packet one-way delay: 91.835 ms

Loss rate: 0.64%

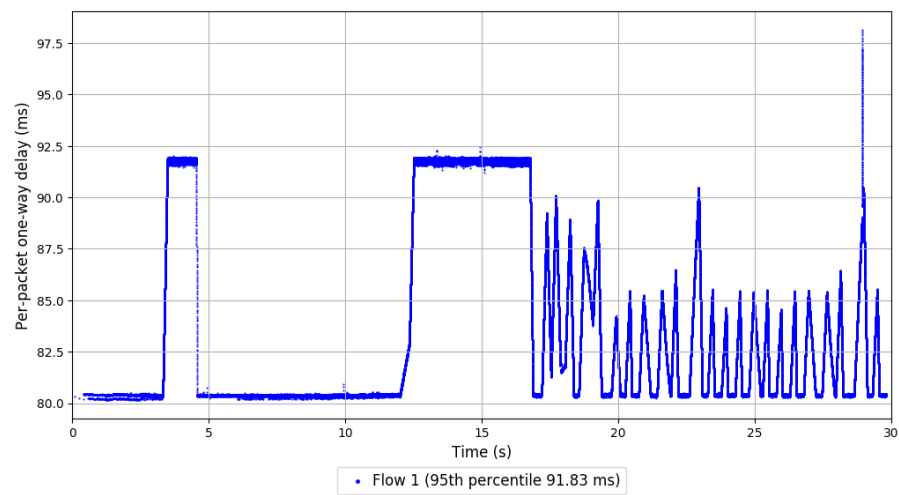
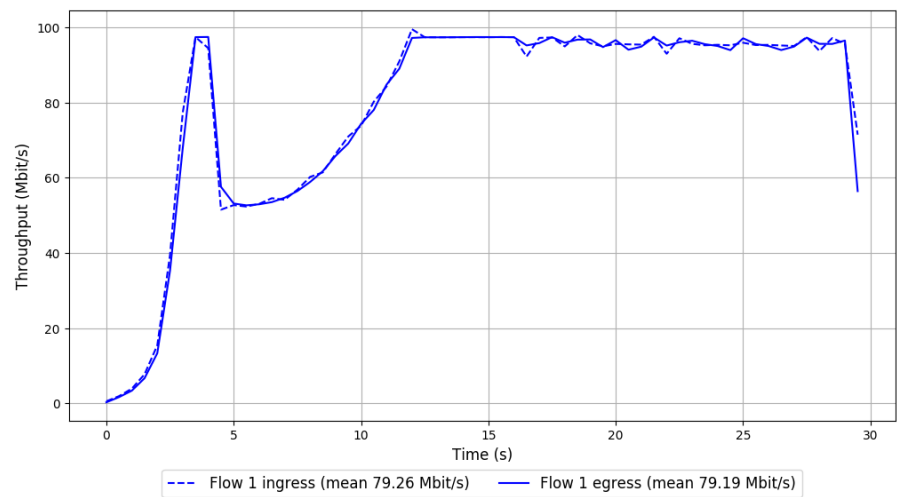
-- Flow 1:

Average throughput: 79.19 Mbit/s

95th percentile per-packet one-way delay: 91.835 ms

Loss rate: 0.64%

Run 7: Report of Vivace-LTE — Data Link

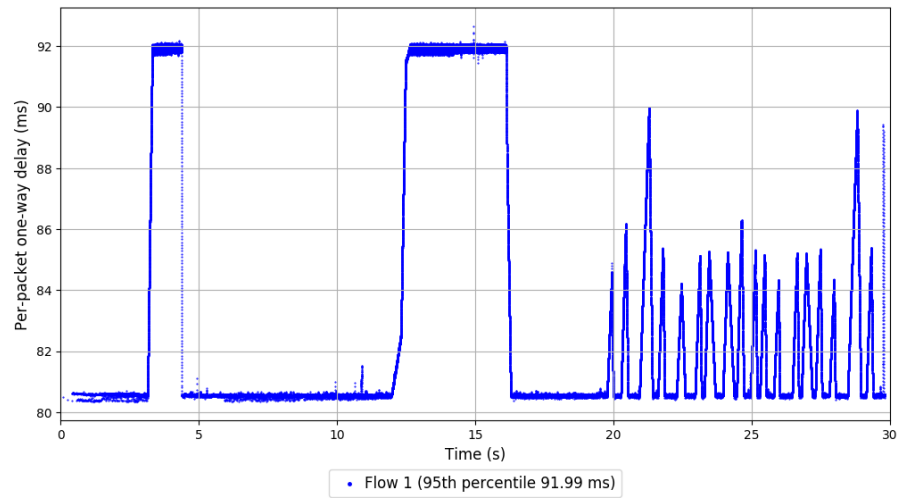
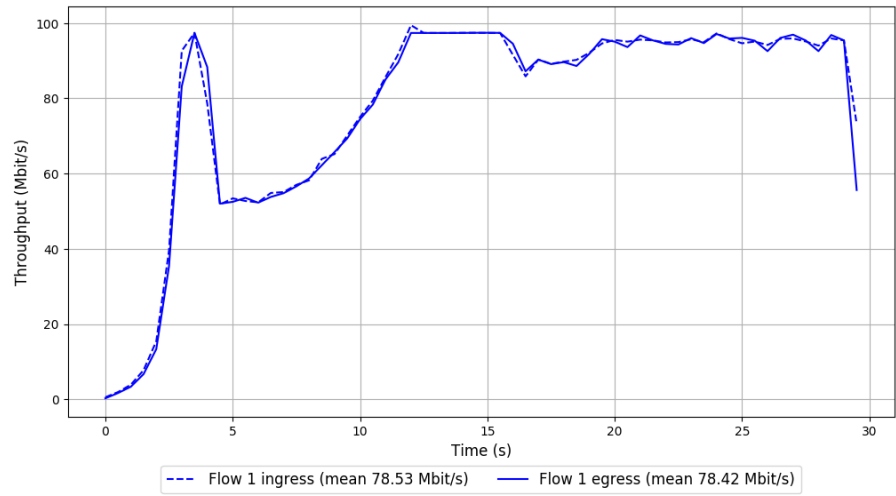


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-27 13:34:11  
End at: 2018-02-27 13:34:41  
Local clock offset: -7.184 ms  
Remote clock offset: -1.639 ms

# Below is generated by plot.py at 2018-02-27 18:43:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.42 Mbit/s  
95th percentile per-packet one-way delay: 91.986 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 78.42 Mbit/s  
95th percentile per-packet one-way delay: 91.986 ms  
Loss rate: 0.70%

### Run 8: Report of Vivace-LTE — Data Link



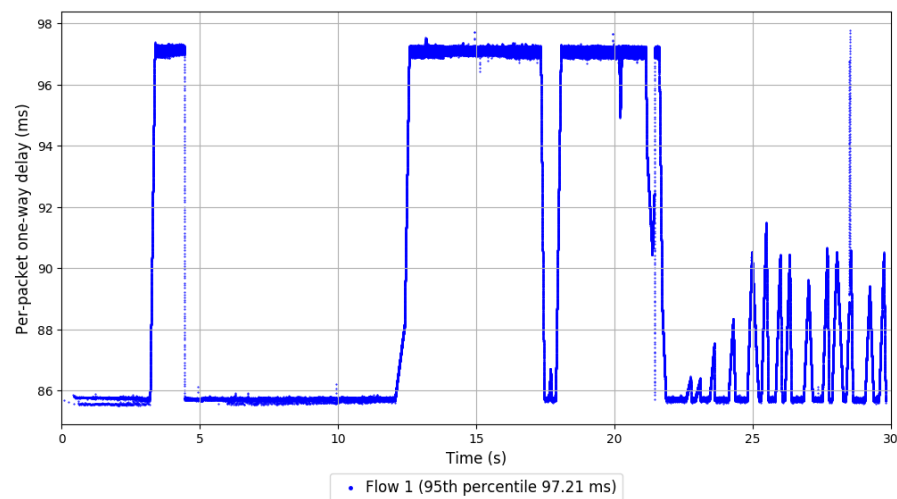
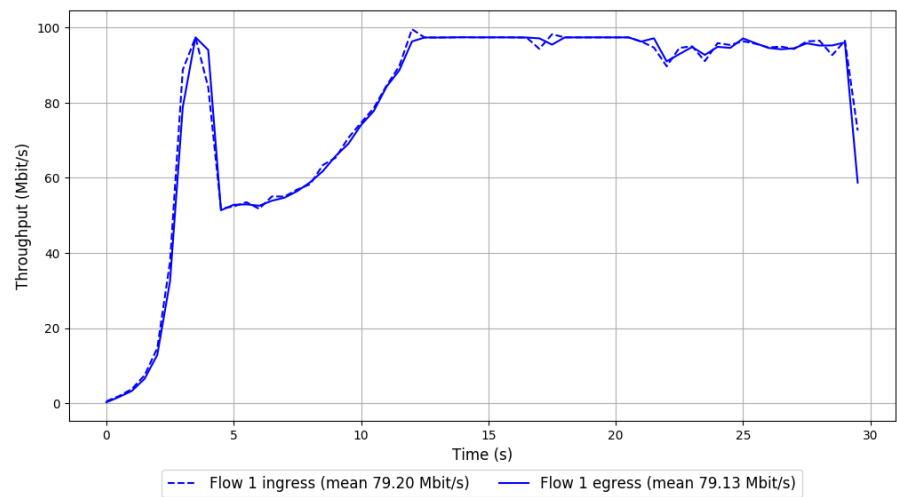
Run 9: Statistics of Vivace-LTE

Start at: 2018-02-27 13:56:34  
End at: 2018-02-27 13:57:05  
Local clock offset: -6.714 ms  
Remote clock offset: -5.972 ms

# Below is generated by plot.py at 2018-02-27 18:43:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.13 Mbit/s  
95th percentile per-packet one-way delay: 97.207 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 79.13 Mbit/s  
95th percentile per-packet one-way delay: 97.207 ms  
Loss rate: 0.64%



Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-27 14:18:47  
End at: 2018-02-27 14:19:17  
Local clock offset: -5.689 ms  
Remote clock offset: -0.628 ms

# Below is generated by plot.py at 2018-02-27 18:43:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.49 Mbit/s  
95th percentile per-packet one-way delay: 90.808 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 78.49 Mbit/s  
95th percentile per-packet one-way delay: 90.808 ms  
Loss rate: 0.68%

Run 10: Report of Vivace-LTE — Data Link

