

## Pantheon Report

Generated at 2018-02-04 12:06:32 (UTC).

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

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).

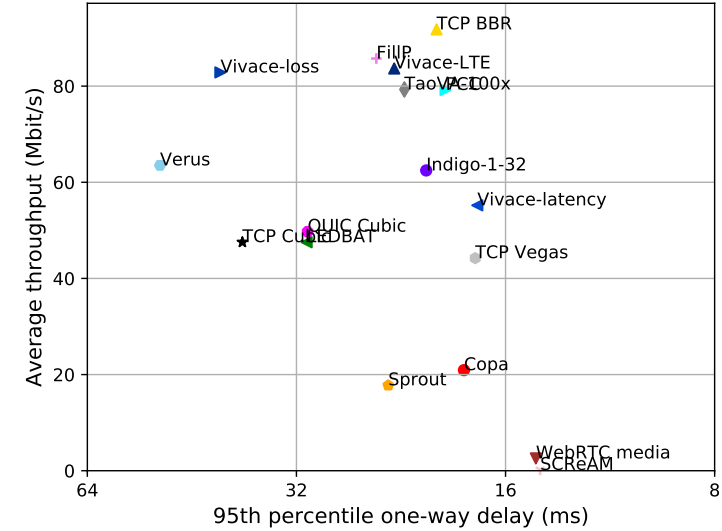
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

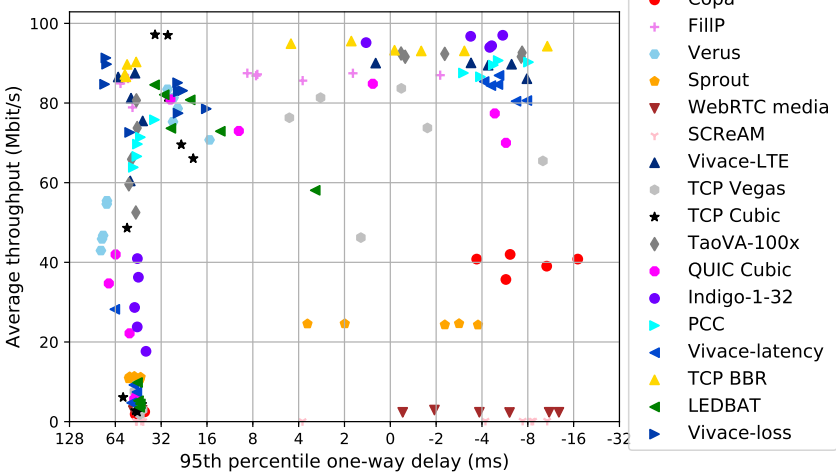
Git summary:

```
branch: master @ 70217998b3c9a7166a95460a70c0854d1326e100
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ fb9c9ab842e5614ad52911a76fb9bd1c1b0dca86
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
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-quir @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
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 AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	91.80	20.11	1.39
TCP Cubic	10	47.55	38.28	0.40
LEDBAT	10	47.52	30.94	0.23
PCC	10	79.19	19.52	1.35
QUIC Cubic	10	49.72	30.84	0.48
SCReAM	10	0.18	14.27	0.32
WebRTC media	10	2.56	14.47	0.27
Sprout	10	17.77	23.60	0.18
TaoVA-100x	10	79.30	22.38	0.93
TCP Vegas	10	44.21	17.69	0.62
Verus	10	63.51	50.31	23.02
Copa	10	20.92	18.37	0.17
FillP	10	85.73	24.55	4.11
Indigo-1-32	10	62.46	20.81	0.58
Vivace-latency	10	55.20	17.57	0.40
Vivace-loss	10	82.85	41.17	6.61
Vivace-LTE	10	83.67	23.14	1.68

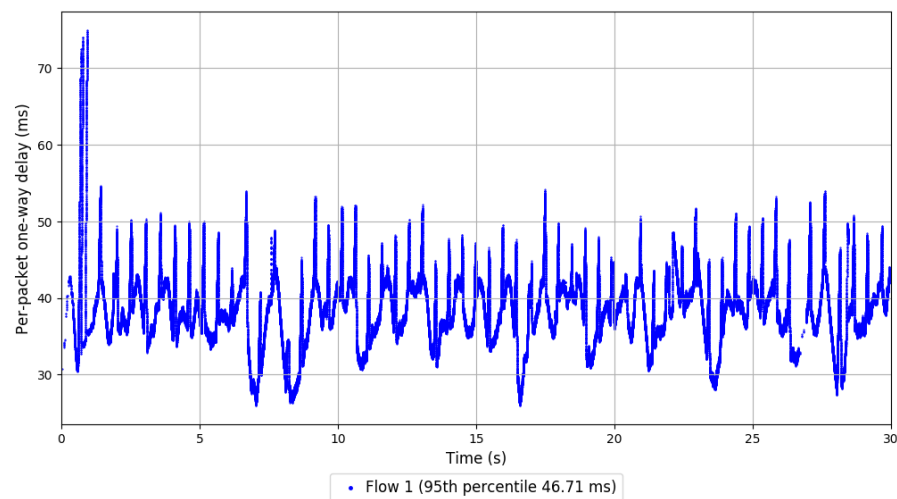
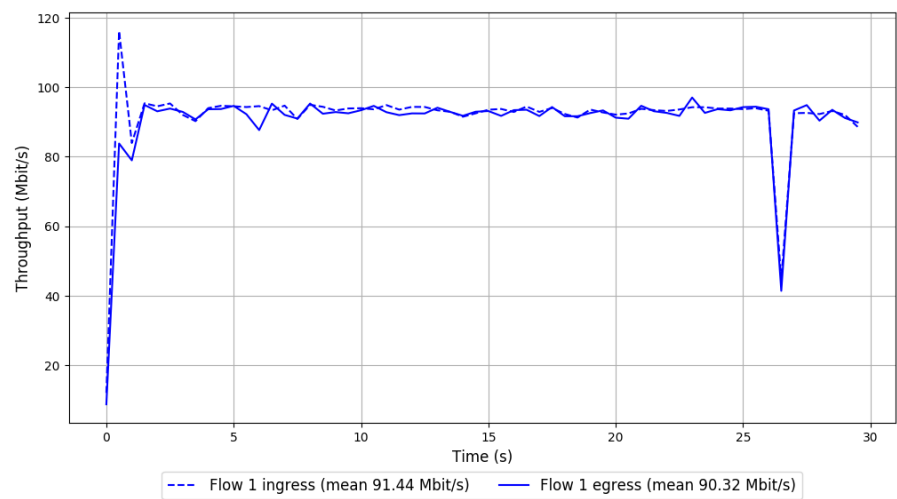
Run 1: Statistics of TCP BBR

Start at: 2018-02-04 07:53:14  
End at: 2018-02-04 07:53:44  
Local clock offset: 5.512 ms  
Remote clock offset: -24.822 ms

# Below is generated by plot.py at 2018-02-04 11:47:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.32 Mbit/s  
95th percentile per-packet one-way delay: 46.709 ms  
Loss rate: 1.28%  
-- Flow 1:  
Average throughput: 90.32 Mbit/s  
95th percentile per-packet one-way delay: 46.709 ms  
Loss rate: 1.28%



Run 1: Report of TCP BBR — Data Link

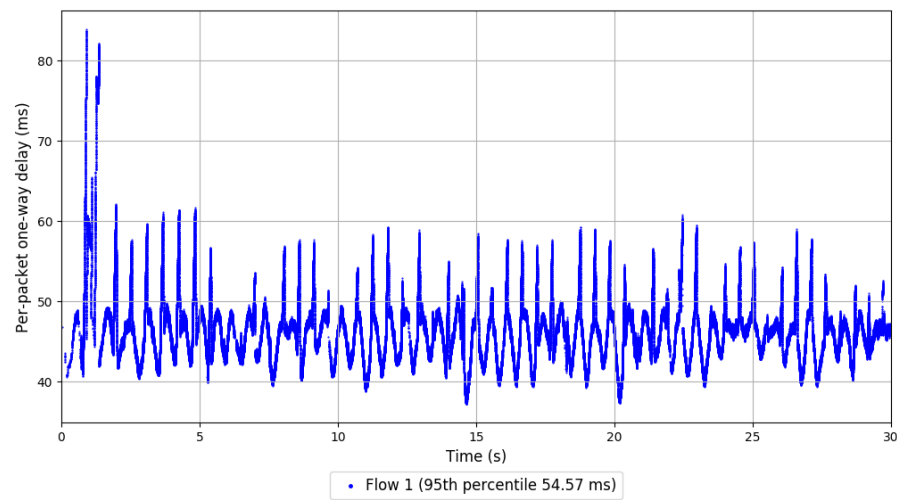
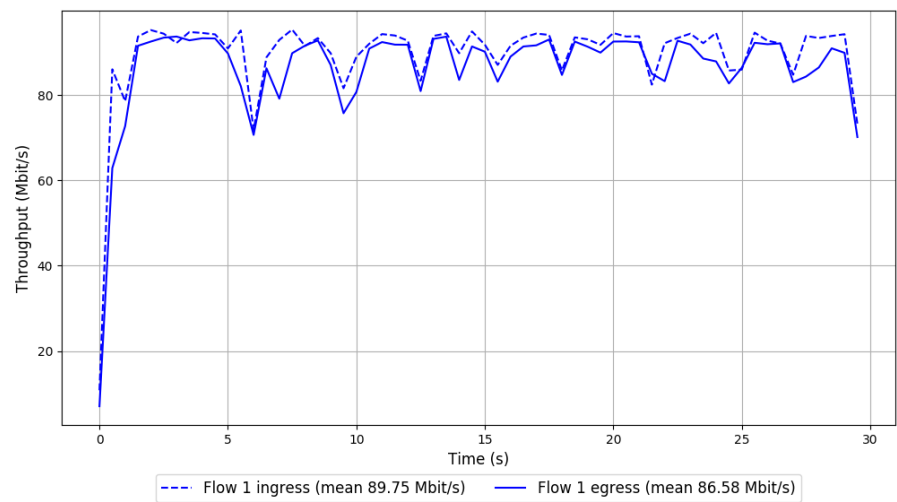


Run 2: Statistics of TCP BBR

Start at: 2018-02-04 08:15:54  
End at: 2018-02-04 08:16:24  
Local clock offset: -0.154 ms  
Remote clock offset: -23.606 ms

# Below is generated by plot.py at 2018-02-04 11:47:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.58 Mbit/s  
95th percentile per-packet one-way delay: 54.570 ms  
Loss rate: 3.60%  
-- Flow 1:  
Average throughput: 86.58 Mbit/s  
95th percentile per-packet one-way delay: 54.570 ms  
Loss rate: 3.60%

Run 2: Report of TCP BBR — Data Link

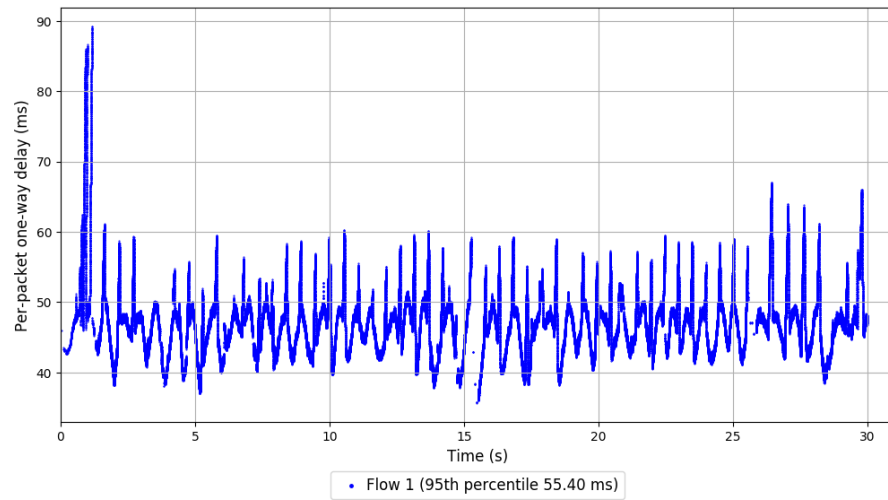
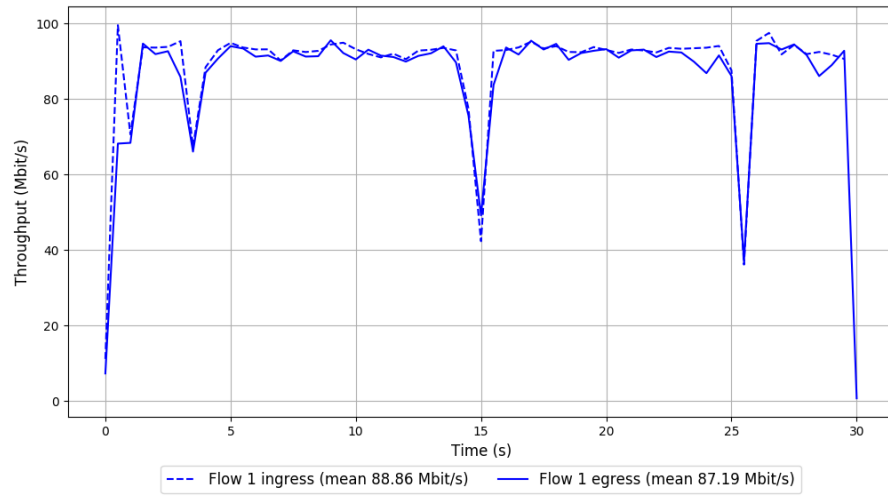


Run 3: Statistics of TCP BBR

Start at: 2018-02-04 08:38:17  
End at: 2018-02-04 08:38:47  
Local clock offset: -0.835 ms  
Remote clock offset: -19.753 ms

# Below is generated by plot.py at 2018-02-04 11:47:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.19 Mbit/s  
95th percentile per-packet one-way delay: 55.403 ms  
Loss rate: 1.97%  
-- Flow 1:  
Average throughput: 87.19 Mbit/s  
95th percentile per-packet one-way delay: 55.403 ms  
Loss rate: 1.97%

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

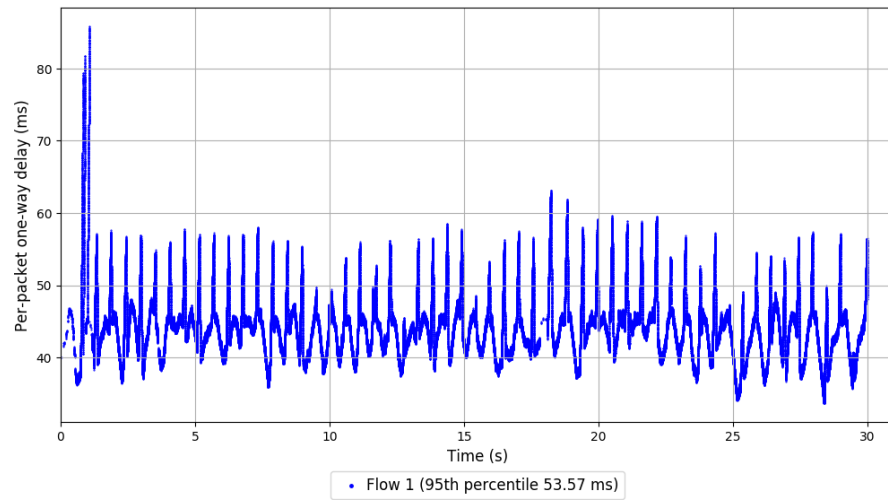
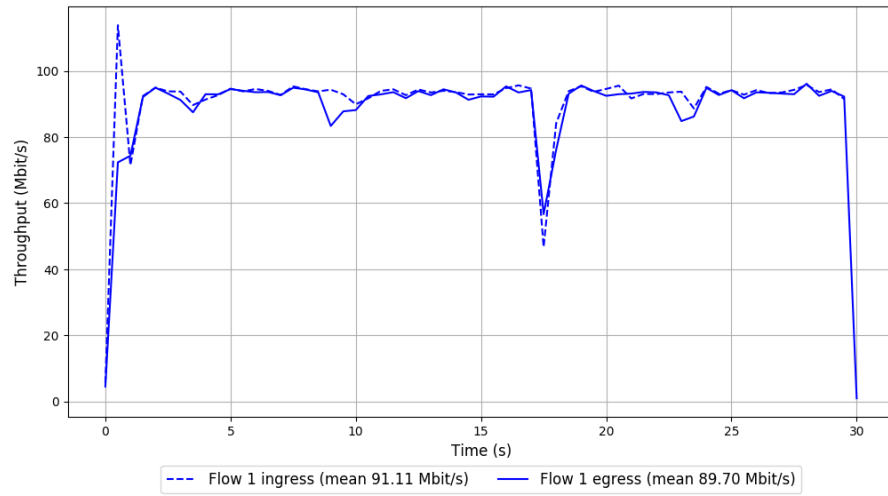


Run 4: Statistics of TCP BBR

Start at: 2018-02-04 09:00:15  
End at: 2018-02-04 09:00:45  
Local clock offset: 1.81 ms  
Remote clock offset: -17.914 ms

# Below is generated by plot.py at 2018-02-04 11:47:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.70 Mbit/s  
95th percentile per-packet one-way delay: 53.569 ms  
Loss rate: 1.61%  
-- Flow 1:  
Average throughput: 89.70 Mbit/s  
95th percentile per-packet one-way delay: 53.569 ms  
Loss rate: 1.61%

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



Run 5: Statistics of TCP BBR

Start at: 2018-02-04 09:21:58

End at: 2018-02-04 09:22:28

Local clock offset: -0.71 ms

Remote clock offset: -17.07 ms

# Below is generated by plot.py at 2018-02-04 11:47:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.91 Mbit/s

95th percentile per-packet one-way delay: 4.493 ms

Loss rate: 0.30%

-- Flow 1:

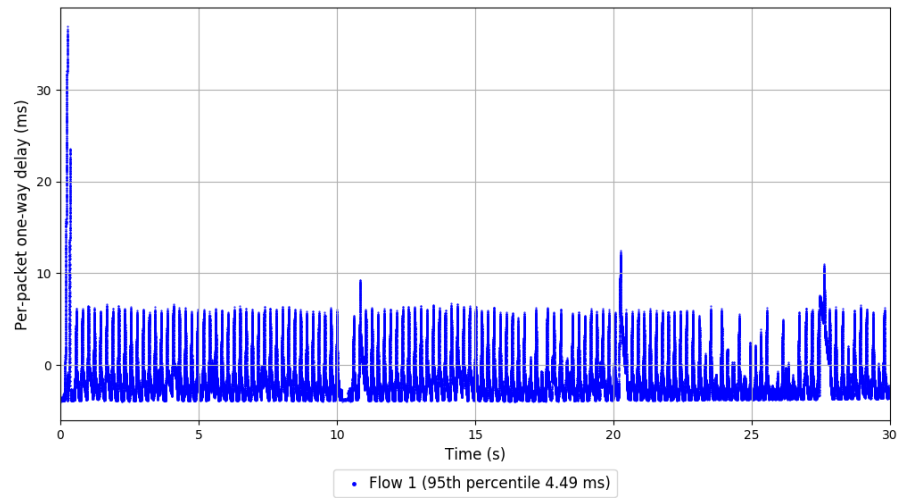
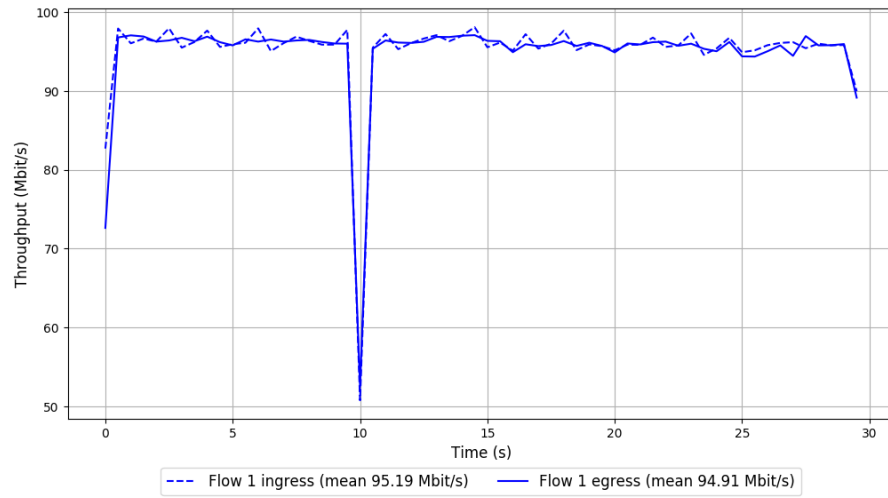
Average throughput: 94.91 Mbit/s

95th percentile per-packet one-way delay: 4.493 ms

Loss rate: 0.30%



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

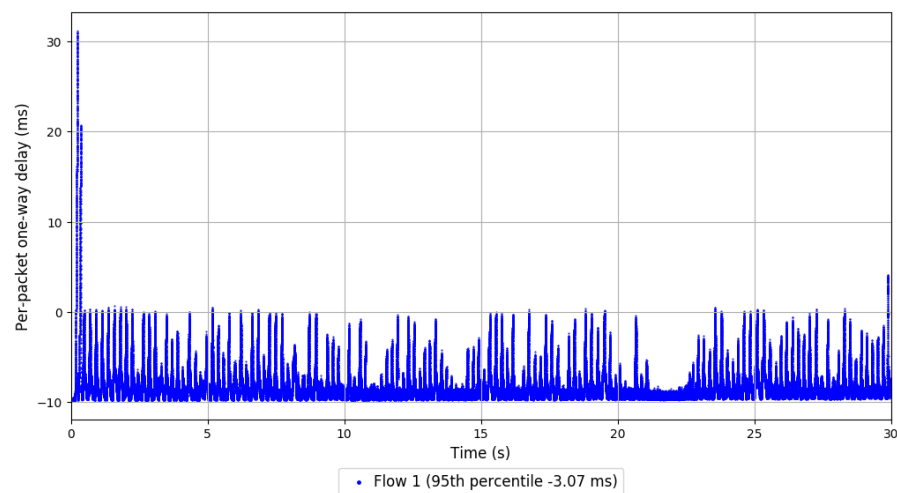
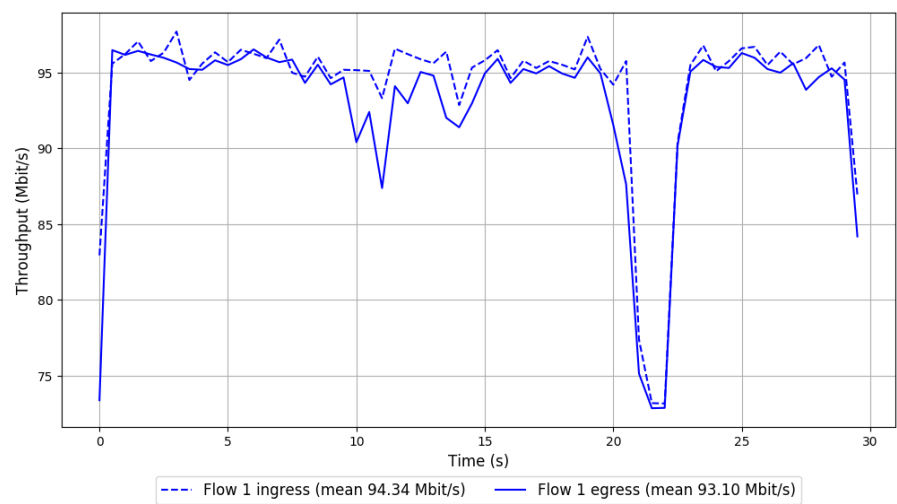


Run 6: Statistics of TCP BBR

Start at: 2018-02-04 09:43:13  
End at: 2018-02-04 09:43:43  
Local clock offset: 1.895 ms  
Remote clock offset: -33.242 ms

# Below is generated by plot.py at 2018-02-04 11:47:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.10 Mbit/s  
95th percentile per-packet one-way delay: -3.066 ms  
Loss rate: 1.32%  
-- Flow 1:  
Average throughput: 93.10 Mbit/s  
95th percentile per-packet one-way delay: -3.066 ms  
Loss rate: 1.32%

Run 6: Report of TCP BBR — Data Link

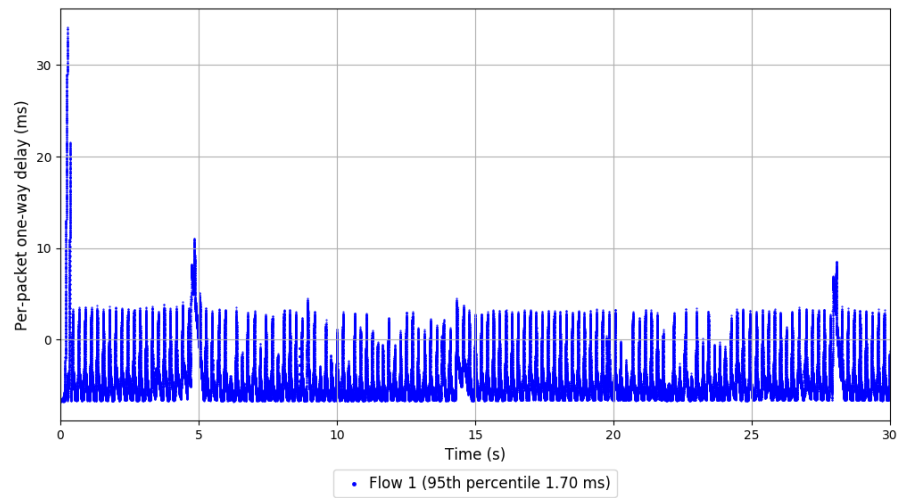
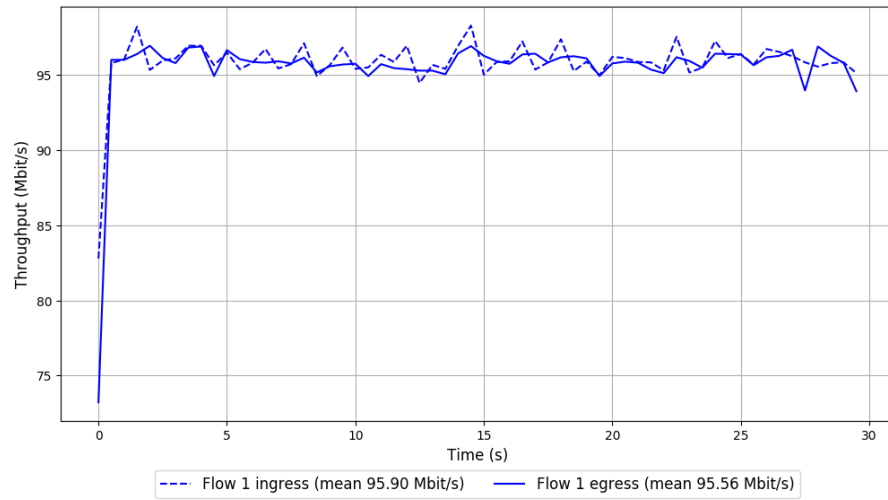


Run 7: Statistics of TCP BBR

Start at: 2018-02-04 10:04:25  
End at: 2018-02-04 10:04:55  
Local clock offset: 2.666 ms  
Remote clock offset: -34.699 ms

# Below is generated by plot.py at 2018-02-04 11:47:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.56 Mbit/s  
95th percentile per-packet one-way delay: 1.702 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 95.56 Mbit/s  
95th percentile per-packet one-way delay: 1.702 ms  
Loss rate: 0.34%

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

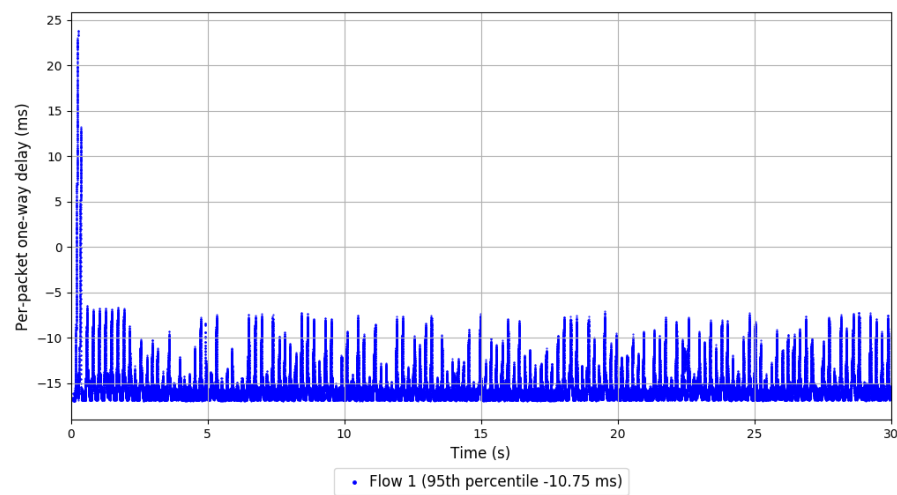
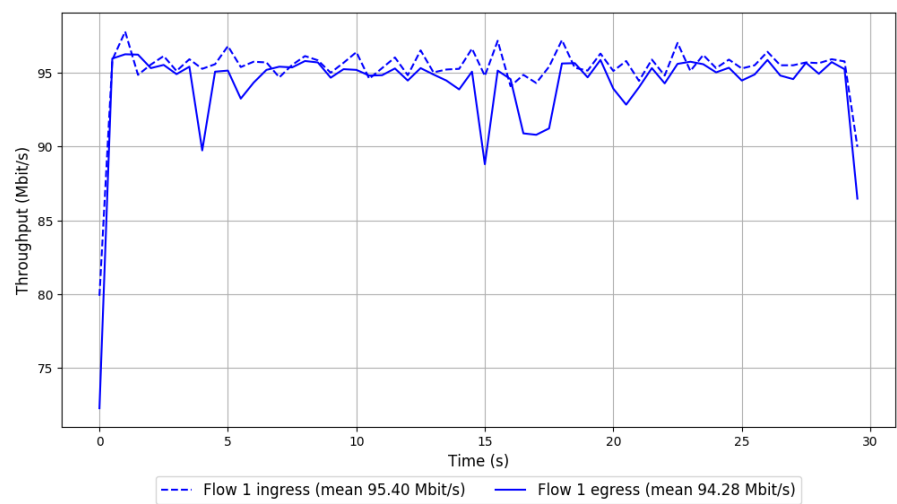


Run 8: Statistics of TCP BBR

Start at: 2018-02-04 10:25:28  
End at: 2018-02-04 10:25:58  
Local clock offset: 4.795 ms  
Remote clock offset: -45.184 ms

# Below is generated by plot.py at 2018-02-04 11:47:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.28 Mbit/s  
95th percentile per-packet one-way delay: -10.750 ms  
Loss rate: 1.17%  
-- Flow 1:  
Average throughput: 94.28 Mbit/s  
95th percentile per-packet one-way delay: -10.750 ms  
Loss rate: 1.17%

Run 8: Report of TCP BBR — Data Link



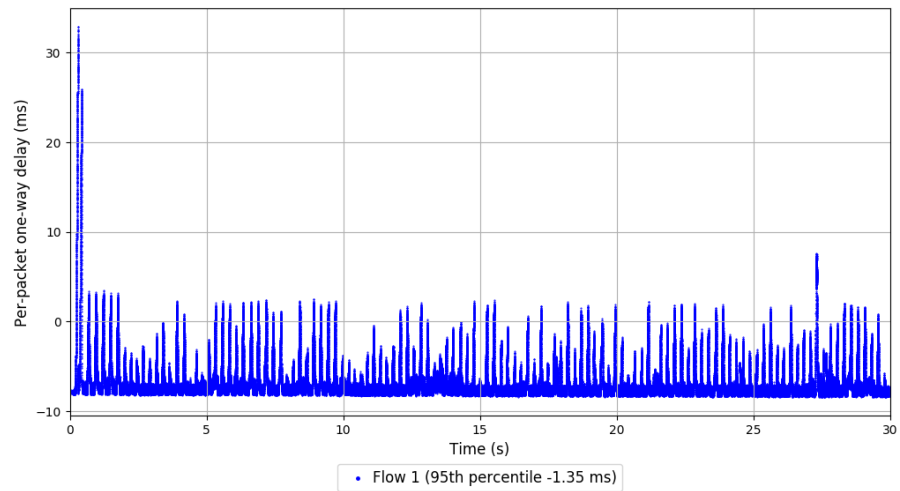
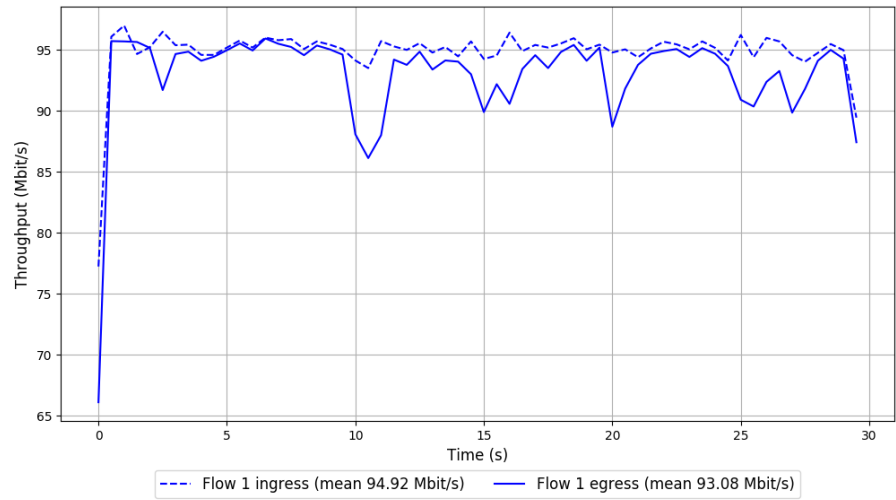
Run 9: Statistics of TCP BBR

Start at: 2018-02-04 10:46:20  
End at: 2018-02-04 10:46:50  
Local clock offset: 4.142 ms  
Remote clock offset: -21.717 ms

# Below is generated by plot.py at 2018-02-04 11:48:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.08 Mbit/s  
95th percentile per-packet one-way delay: -1.350 ms  
Loss rate: 1.94%  
-- Flow 1:  
Average throughput: 93.08 Mbit/s  
95th percentile per-packet one-way delay: -1.350 ms  
Loss rate: 1.94%



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

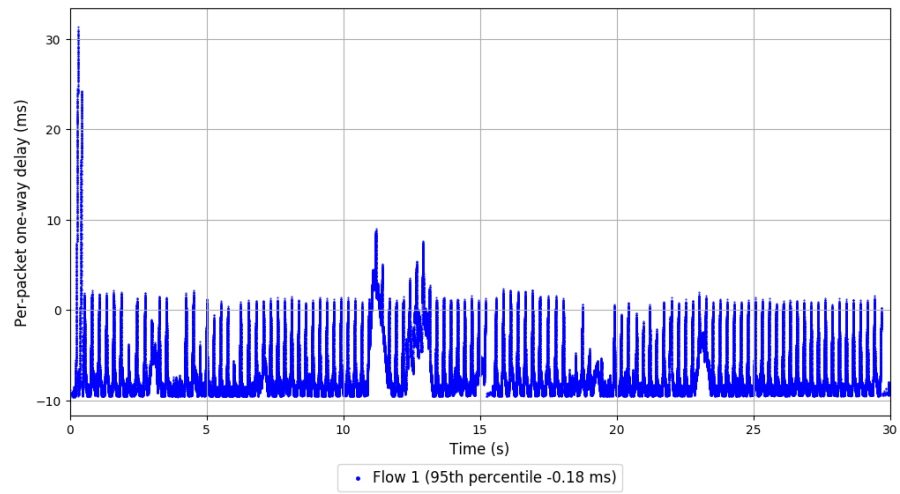
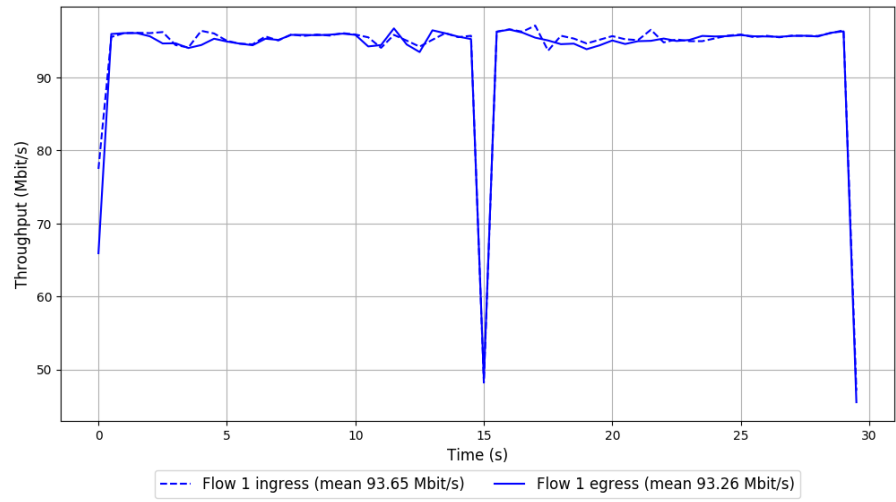


Run 10: Statistics of TCP BBR

Start at: 2018-02-04 11:07:31  
End at: 2018-02-04 11:08:01  
Local clock offset: 2.496 ms  
Remote clock offset: -19.309 ms

# Below is generated by plot.py at 2018-02-04 11:48:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.26 Mbit/s  
95th percentile per-packet one-way delay: -0.184 ms  
Loss rate: 0.41%  
-- Flow 1:  
Average throughput: 93.26 Mbit/s  
95th percentile per-packet one-way delay: -0.184 ms  
Loss rate: 0.41%

# Run 10: Report of TCP BBR — Data Link

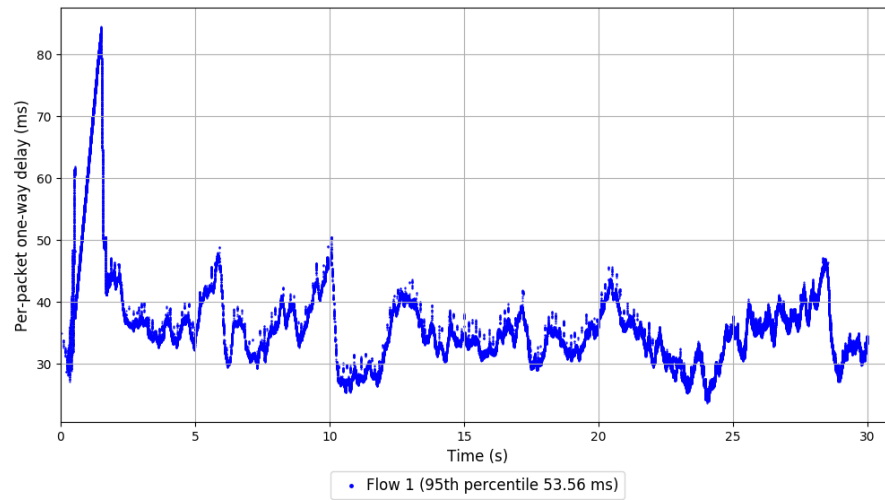
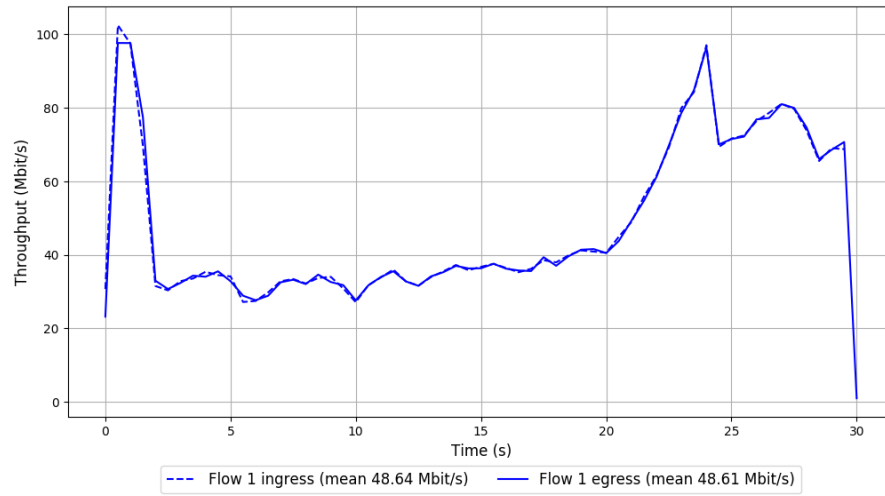


Run 1: Statistics of TCP Cubic

Start at: 2018-02-04 07:42:33  
End at: 2018-02-04 07:43:03  
Local clock offset: 2.475 ms  
Remote clock offset: -25.277 ms

# Below is generated by plot.py at 2018-02-04 11:48:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 48.61 Mbit/s  
95th percentile per-packet one-way delay: 53.558 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 48.61 Mbit/s  
95th percentile per-packet one-way delay: 53.558 ms  
Loss rate: 0.10%

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

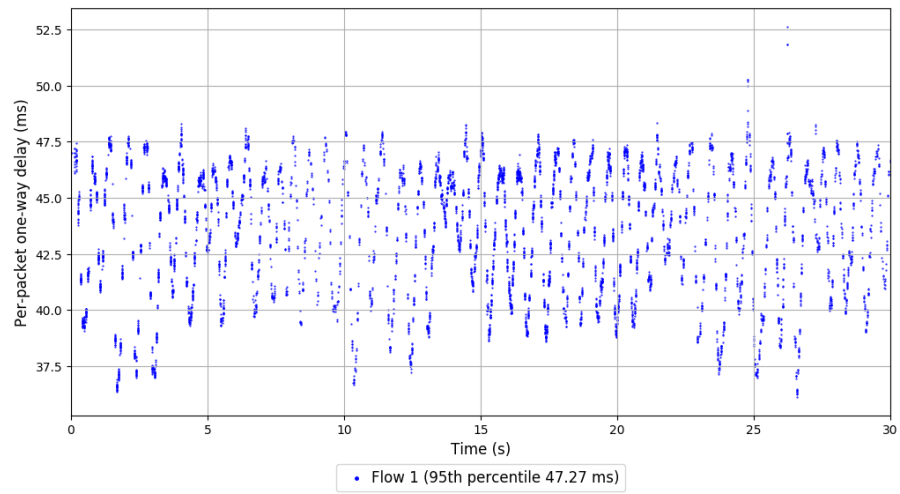
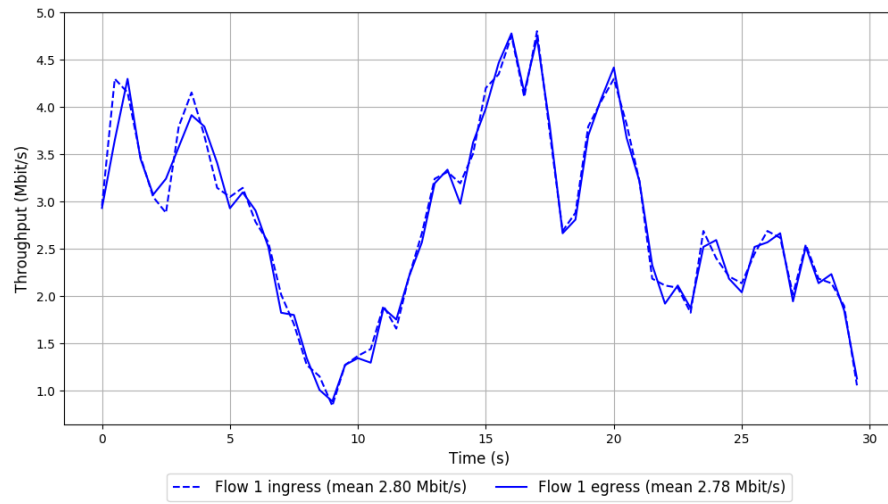


Run 2: Statistics of TCP Cubic

Start at: 2018-02-04 08:04:36  
End at: 2018-02-04 08:05:06  
Local clock offset: 1.198 ms  
Remote clock offset: -23.855 ms

# Below is generated by plot.py at 2018-02-04 11:48:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.78 Mbit/s  
95th percentile per-packet one-way delay: 47.268 ms  
Loss rate: 0.66%  
-- Flow 1:  
Average throughput: 2.78 Mbit/s  
95th percentile per-packet one-way delay: 47.268 ms  
Loss rate: 0.66%

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



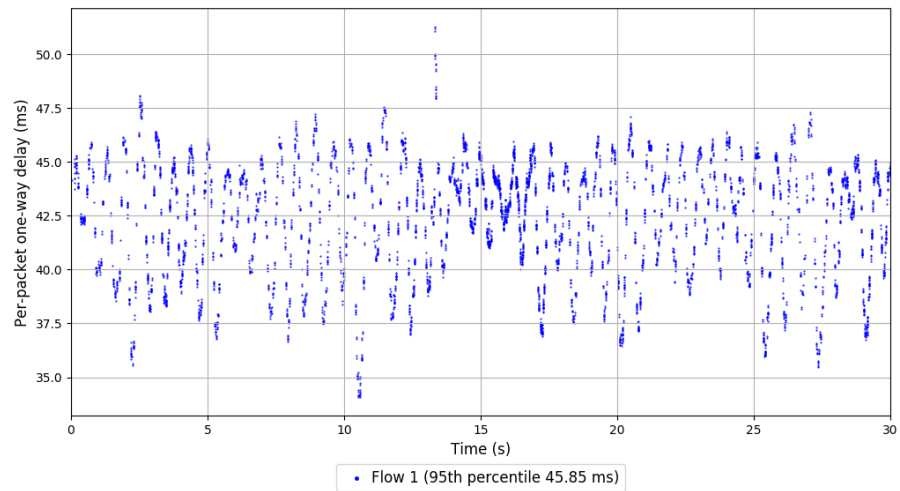
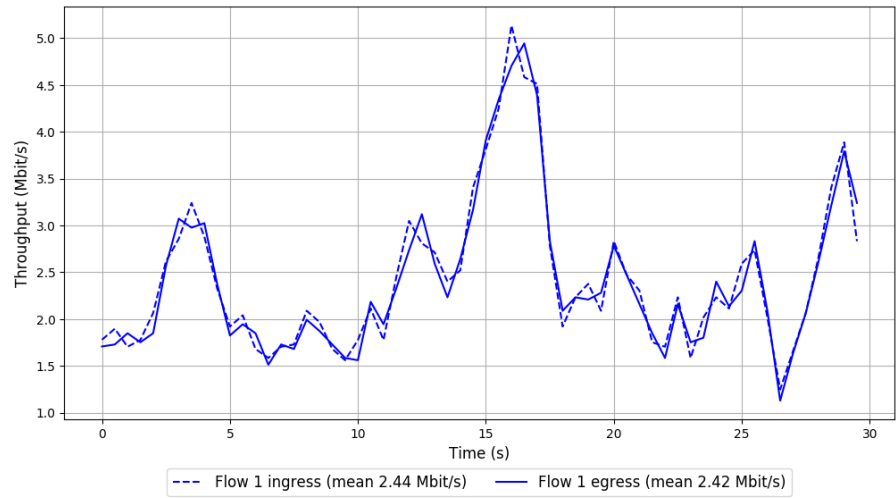
Run 3: Statistics of TCP Cubic

Start at: 2018-02-04 08:27:04  
End at: 2018-02-04 08:27:34  
Local clock offset: 1.995 ms  
Remote clock offset: -21.747 ms

# Below is generated by plot.py at 2018-02-04 11:48:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.42 Mbit/s  
95th percentile per-packet one-way delay: 45.854 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 2.42 Mbit/s  
95th percentile per-packet one-way delay: 45.854 ms  
Loss rate: 0.74%



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

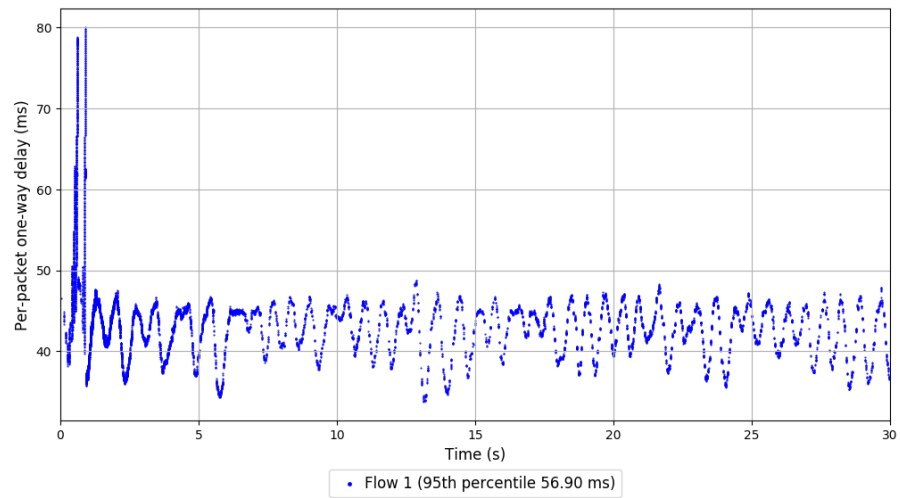
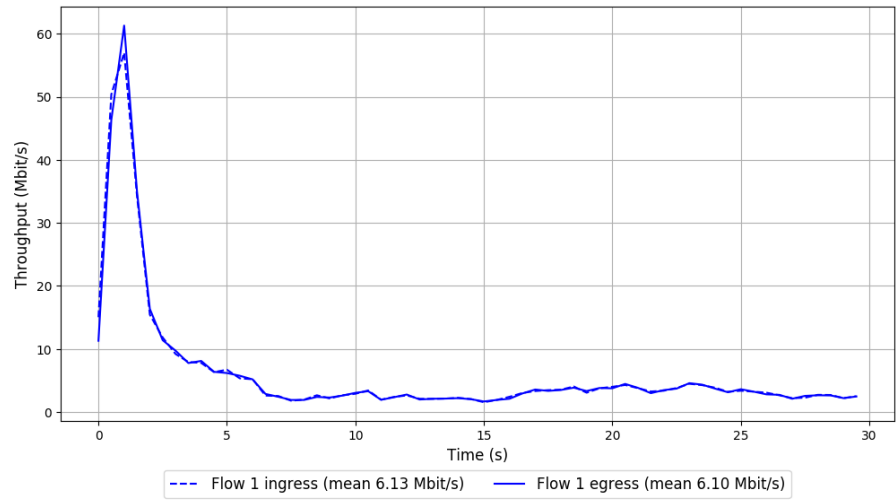


Run 4: Statistics of TCP Cubic

Start at: 2018-02-04 08:49:29  
End at: 2018-02-04 08:49:59  
Local clock offset: -1.123 ms  
Remote clock offset: -21.491 ms

# Below is generated by plot.py at 2018-02-04 11:48:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 6.10 Mbit/s  
95th percentile per-packet one-way delay: 56.897 ms  
Loss rate: 0.58%  
-- Flow 1:  
Average throughput: 6.10 Mbit/s  
95th percentile per-packet one-way delay: 56.897 ms  
Loss rate: 0.58%

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

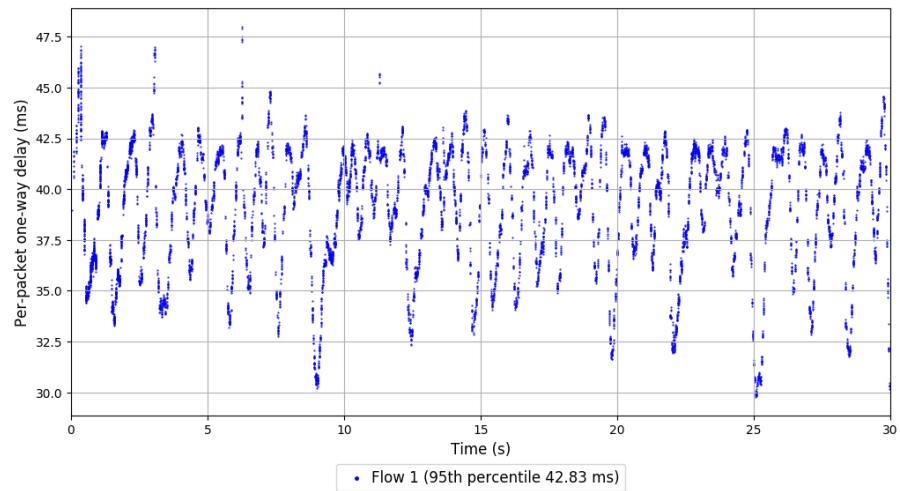
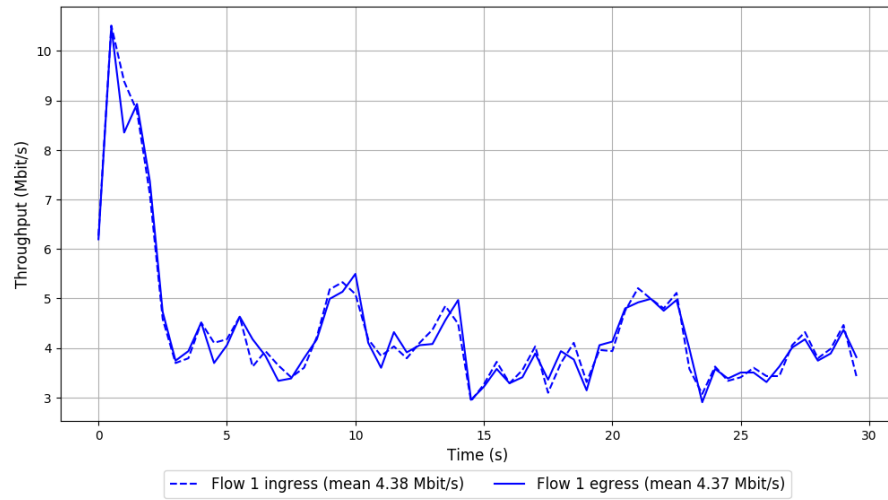


Run 5: Statistics of TCP Cubic

Start at: 2018-02-04 09:11:11  
End at: 2018-02-04 09:11:41  
Local clock offset: 0.485 ms  
Remote clock offset: -21.615 ms

# Below is generated by plot.py at 2018-02-04 11:48:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.37 Mbit/s  
95th percentile per-packet one-way delay: 42.830 ms  
Loss rate: 0.38%  
-- Flow 1:  
Average throughput: 4.37 Mbit/s  
95th percentile per-packet one-way delay: 42.830 ms  
Loss rate: 0.38%

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

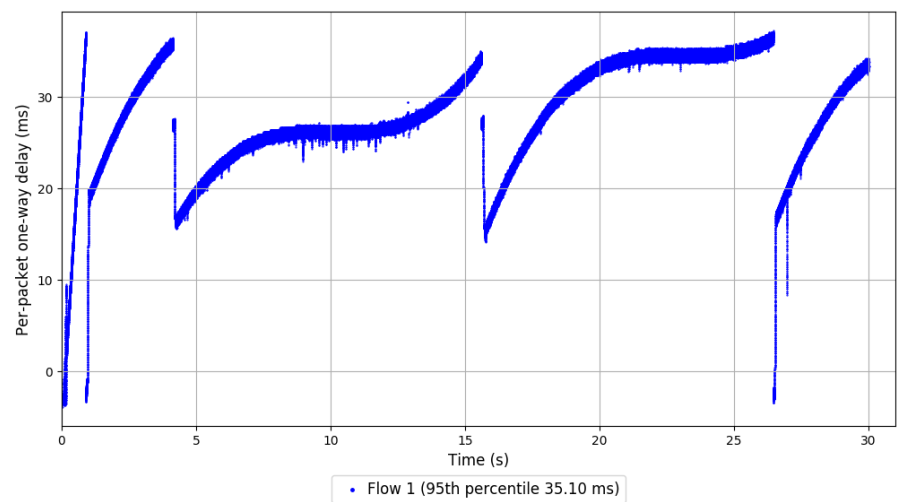
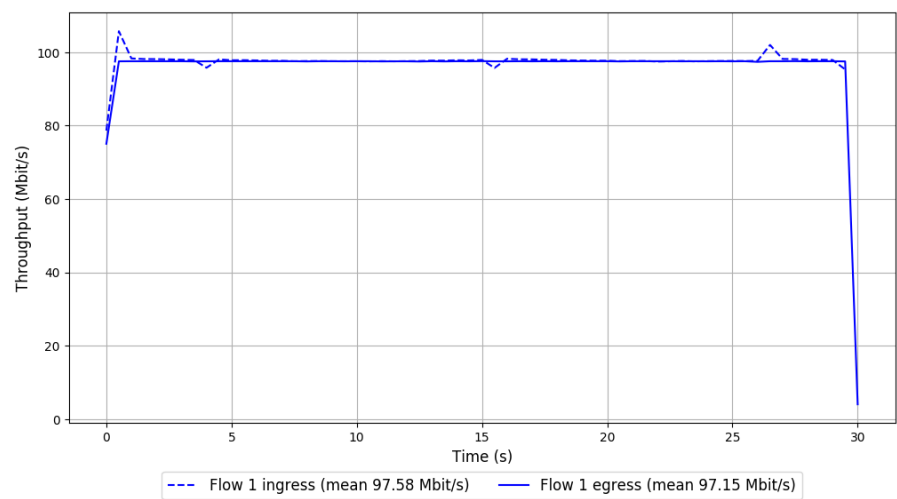


Run 6: Statistics of TCP Cubic

Start at: 2018-02-04 09:32:33  
End at: 2018-02-04 09:33:04  
Local clock offset: -2.225 ms  
Remote clock offset: -26.217 ms

# Below is generated by plot.py at 2018-02-04 11:48:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.15 Mbit/s  
95th percentile per-packet one-way delay: 35.096 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 97.15 Mbit/s  
95th percentile per-packet one-way delay: 35.096 ms  
Loss rate: 0.33%

Run 6: Report of TCP Cubic — Data Link



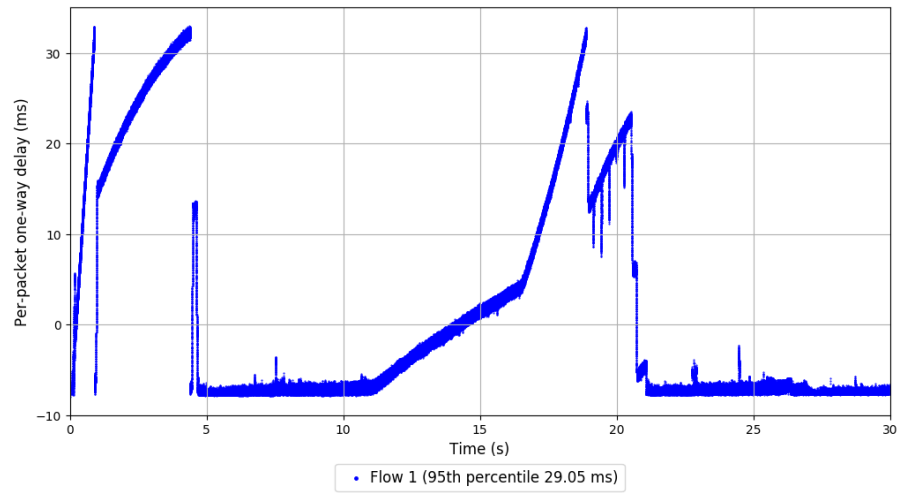
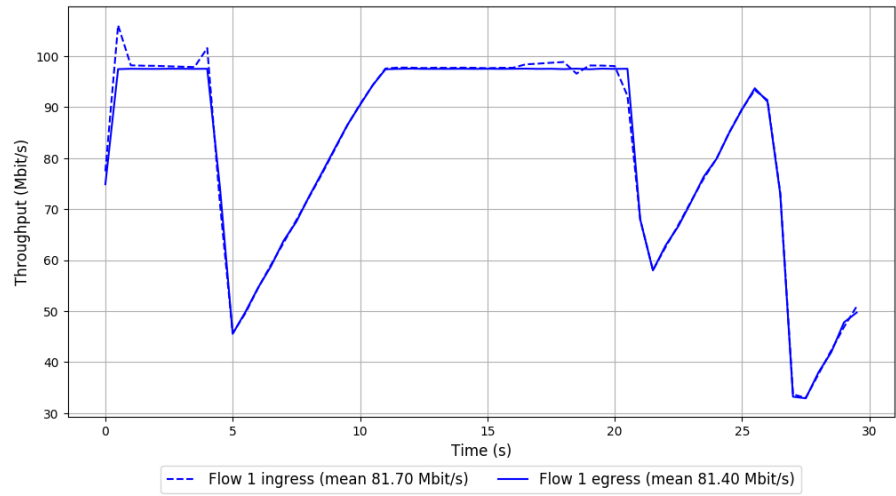
Run 7: Statistics of TCP Cubic

Start at: 2018-02-04 09:53:52  
End at: 2018-02-04 09:54:22  
Local clock offset: -0.113 ms  
Remote clock offset: -36.59 ms

# Below is generated by plot.py at 2018-02-04 11:48:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.40 Mbit/s  
95th percentile per-packet one-way delay: 29.047 ms  
Loss rate: 0.37%  
-- Flow 1:  
Average throughput: 81.40 Mbit/s  
95th percentile per-packet one-way delay: 29.047 ms  
Loss rate: 0.37%



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

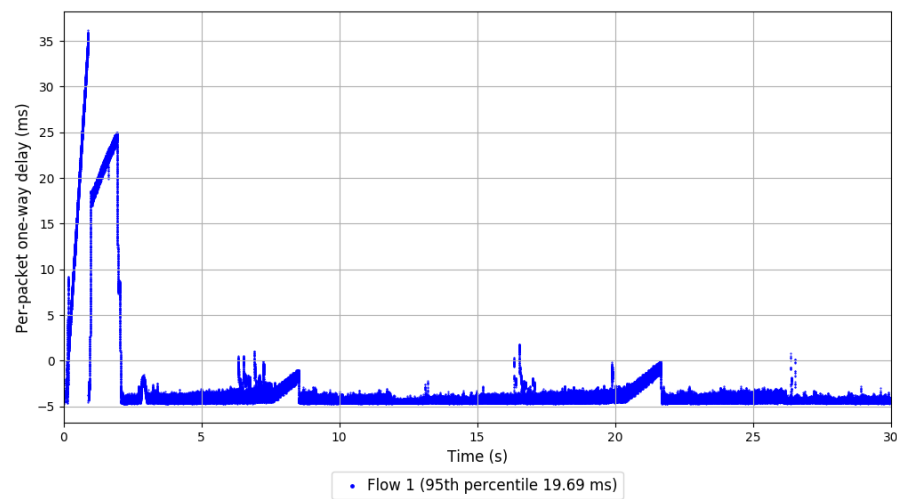
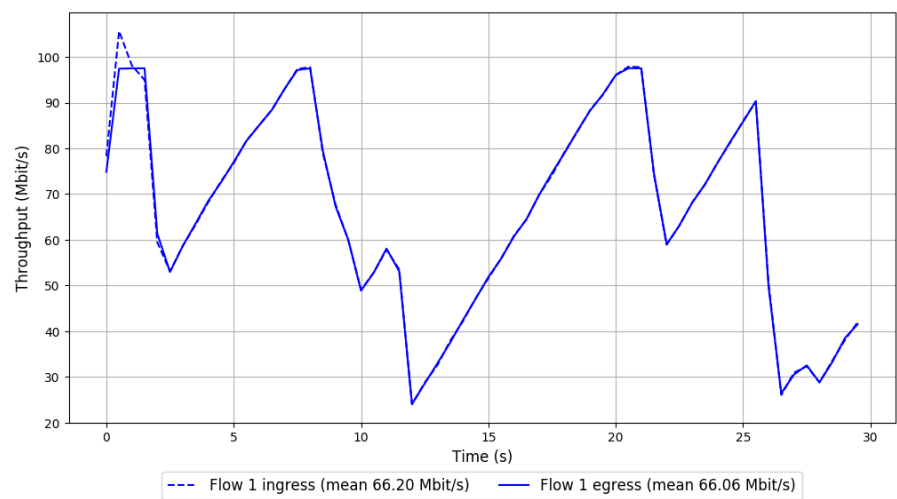


Run 8: Statistics of TCP Cubic

Start at: 2018-02-04 10:14:51  
End at: 2018-02-04 10:15:21  
Local clock offset: 1.043 ms  
Remote clock offset: -35.319 ms

# Below is generated by plot.py at 2018-02-04 11:48:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 66.06 Mbit/s  
95th percentile per-packet one-way delay: 19.694 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 66.06 Mbit/s  
95th percentile per-packet one-way delay: 19.694 ms  
Loss rate: 0.22%

Run 8: Report of TCP Cubic — Data Link

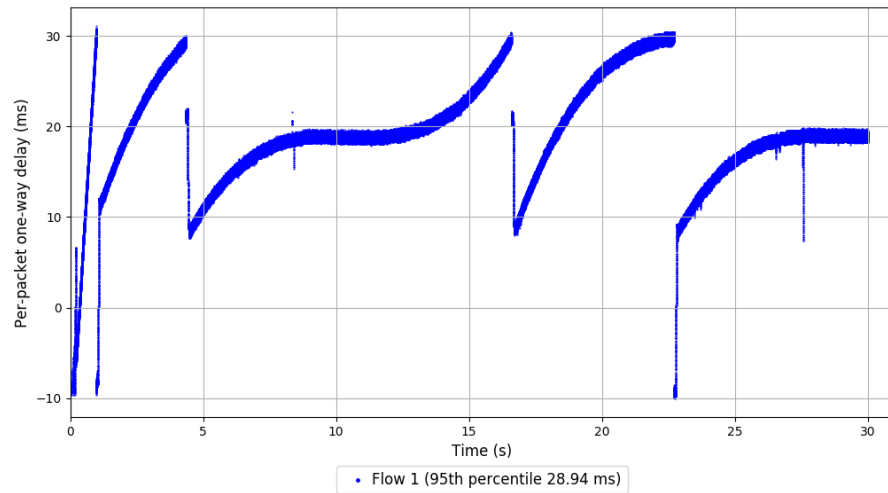
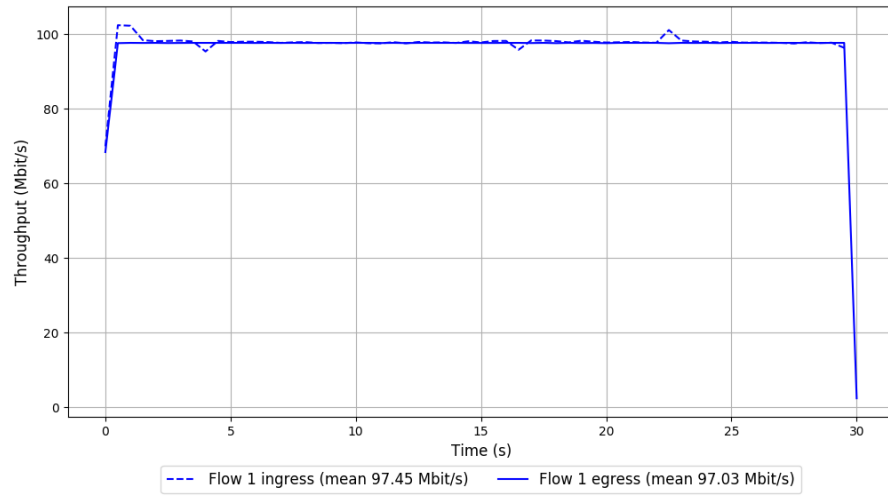


Run 9: Statistics of TCP Cubic

Start at: 2018-02-04 10:35:56  
End at: 2018-02-04 10:36:26  
Local clock offset: 5.503 ms  
Remote clock offset: -29.503 ms

# Below is generated by plot.py at 2018-02-04 11:48:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.03 Mbit/s  
95th percentile per-packet one-way delay: 28.942 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 97.03 Mbit/s  
95th percentile per-packet one-way delay: 28.942 ms  
Loss rate: 0.33%

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

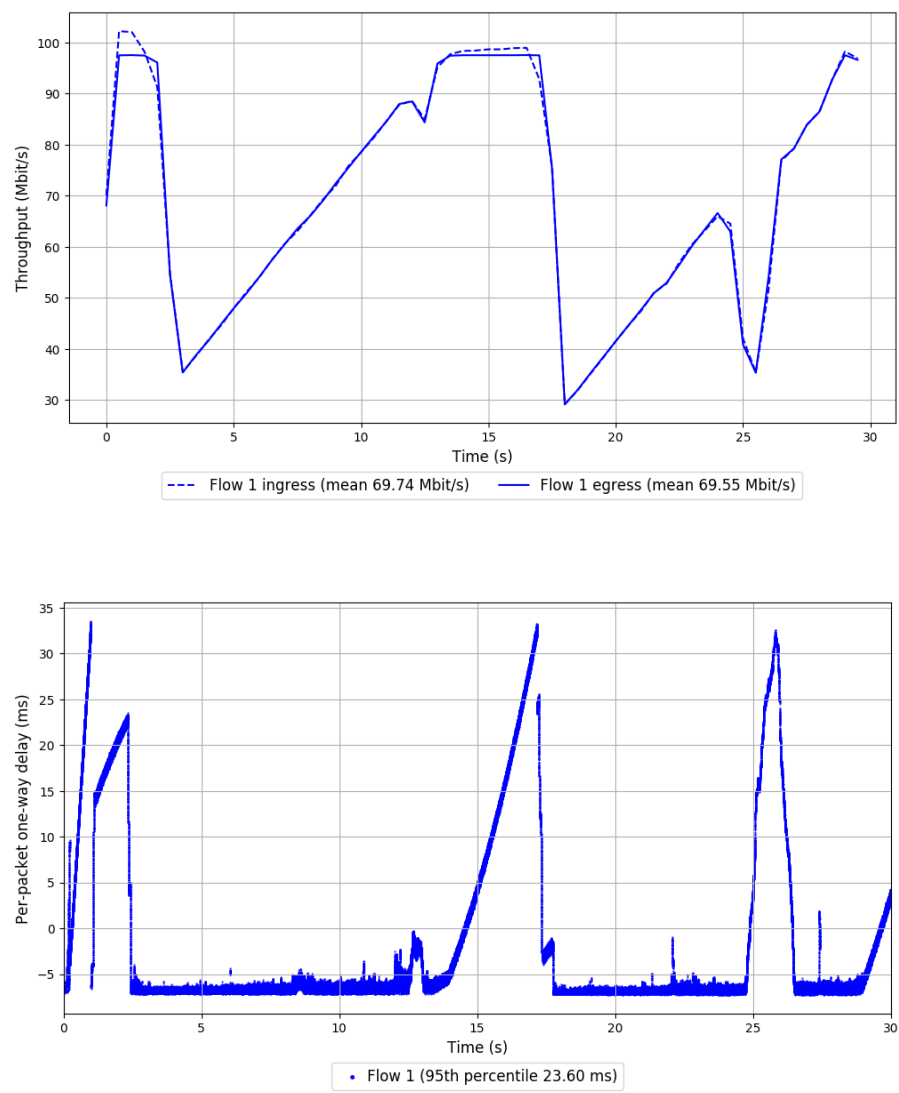


Run 10: Statistics of TCP Cubic

Start at: 2018-02-04 10:56:53  
End at: 2018-02-04 10:57:23  
Local clock offset: 2.122 ms  
Remote clock offset: -18.639 ms

# Below is generated by plot.py at 2018-02-04 11:48:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 69.55 Mbit/s  
95th percentile per-packet one-way delay: 23.603 ms  
Loss rate: 0.24%  
-- Flow 1:  
Average throughput: 69.55 Mbit/s  
95th percentile per-packet one-way delay: 23.603 ms  
Loss rate: 0.24%

Run 10: Report of TCP Cubic — Data Link



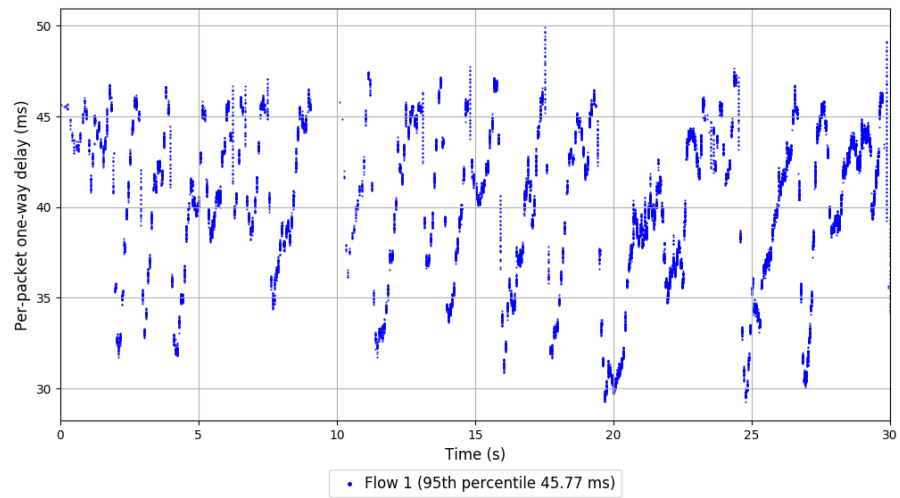
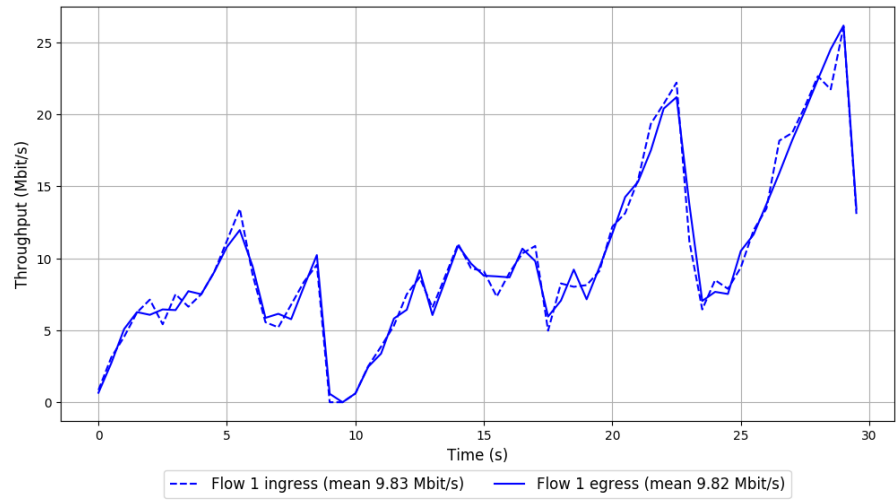
```
Run 1: Statistics of LEDBAT

Start at: 2018-02-04 07:58:20
End at: 2018-02-04 07:58:50
Local clock offset: 2.956 ms
Remote clock offset: -23.069 ms

# Below is generated by plot.py at 2018-02-04 11:48:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.82 Mbit/s
95th percentile per-packet one-way delay: 45.766 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 9.82 Mbit/s
95th percentile per-packet one-way delay: 45.766 ms
Loss rate: 0.13%
```



# Run 1: Report of LEDBAT — Data Link

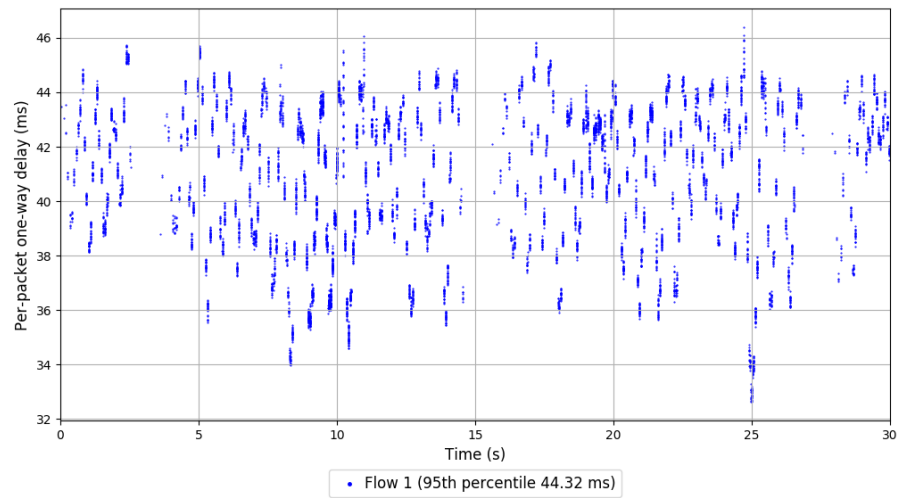
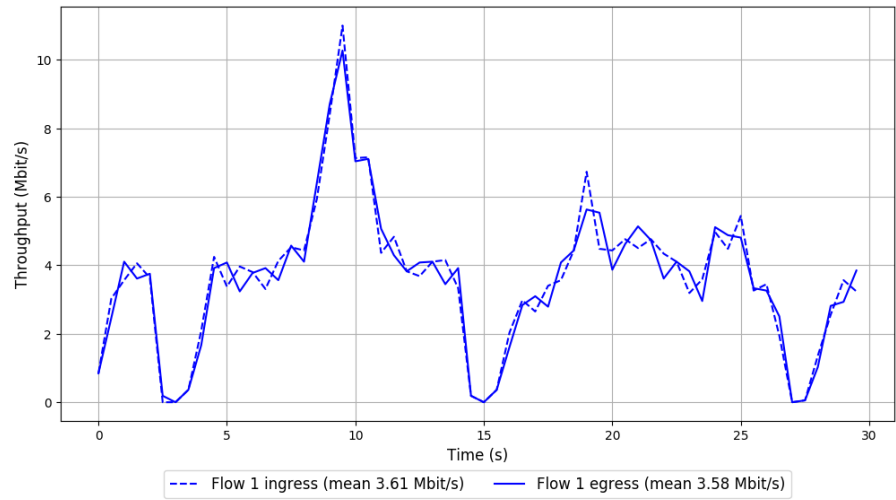


Run 2: Statistics of LEDBAT

Start at: 2018-02-04 08:21:01  
End at: 2018-02-04 08:21:31  
Local clock offset: 2.665 ms  
Remote clock offset: -23.419 ms

# Below is generated by plot.py at 2018-02-04 11:48:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.58 Mbit/s  
95th percentile per-packet one-way delay: 44.322 ms  
Loss rate: 0.77%  
-- Flow 1:  
Average throughput: 3.58 Mbit/s  
95th percentile per-packet one-way delay: 44.322 ms  
Loss rate: 0.77%

## Run 2: Report of LEDBAT — Data Link

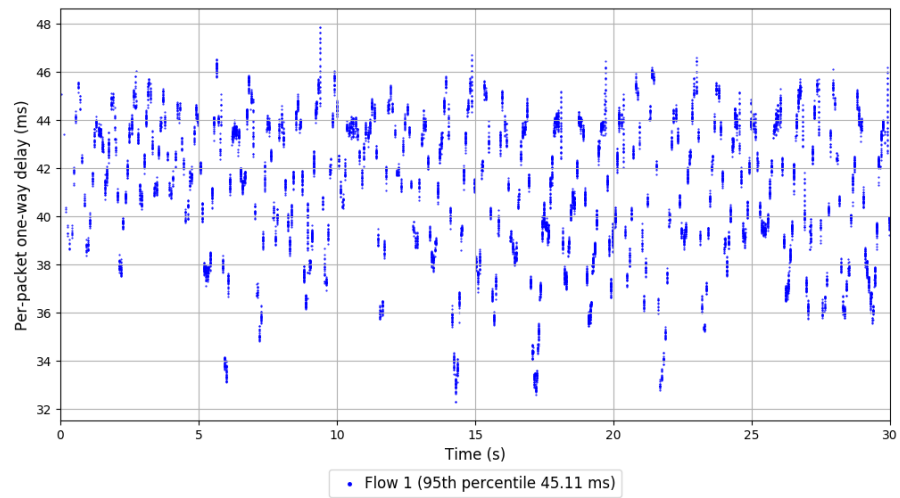
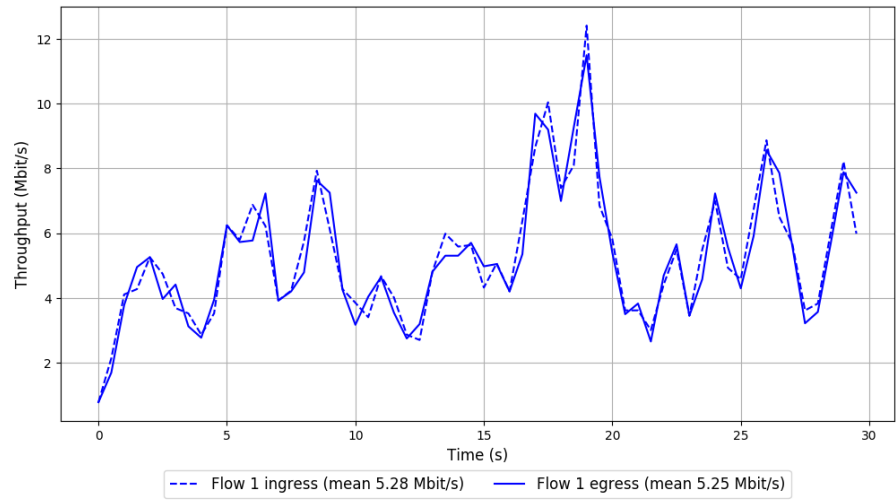


Run 3: Statistics of LEDBAT

Start at: 2018-02-04 08:43:27  
End at: 2018-02-04 08:43:57  
Local clock offset: 2.04 ms  
Remote clock offset: -20.142 ms

# Below is generated by plot.py at 2018-02-04 11:48:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 5.25 Mbit/s  
95th percentile per-packet one-way delay: 45.114 ms  
Loss rate: 0.49%  
-- Flow 1:  
Average throughput: 5.25 Mbit/s  
95th percentile per-packet one-way delay: 45.114 ms  
Loss rate: 0.49%

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

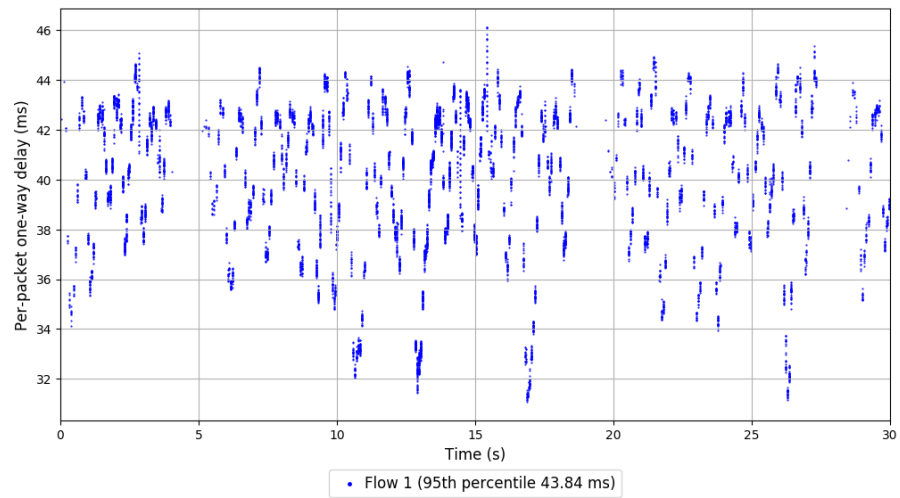
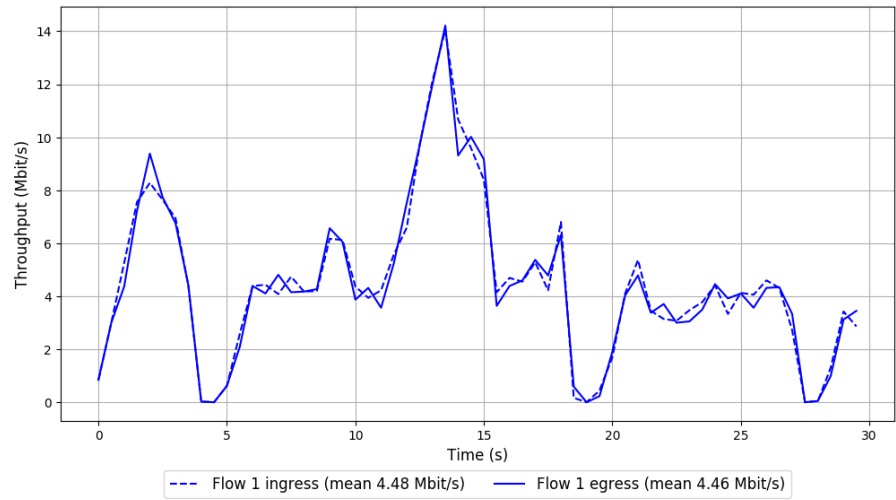


Run 4: Statistics of LEDBAT

Start at: 2018-02-04 09:05:15  
End at: 2018-02-04 09:05:45  
Local clock offset: 2.435 ms  
Remote clock offset: -19.464 ms

# Below is generated by plot.py at 2018-02-04 11:48:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.46 Mbit/s  
95th percentile per-packet one-way delay: 43.845 ms  
Loss rate: 0.55%  
-- Flow 1:  
Average throughput: 4.46 Mbit/s  
95th percentile per-packet one-way delay: 43.845 ms  
Loss rate: 0.55%

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



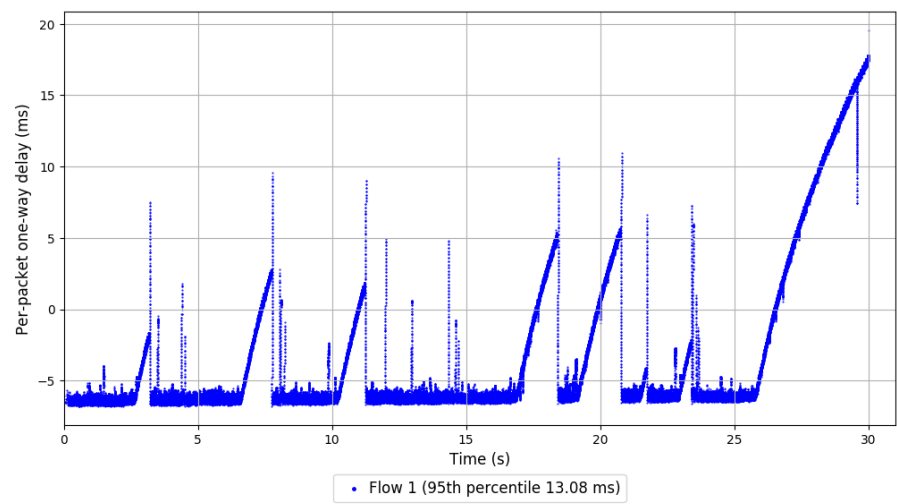
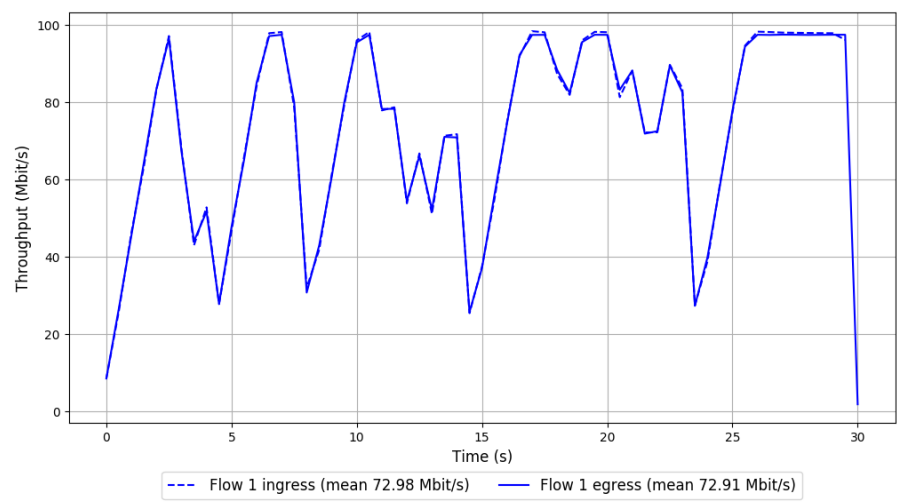
Run 5: Statistics of LEDBAT

Start at: 2018-02-04 09:26:48  
End at: 2018-02-04 09:27:18  
Local clock offset: -0.984 ms  
Remote clock offset: -24.621 ms

# Below is generated by plot.py at 2018-02-04 11:49:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 72.91 Mbit/s  
95th percentile per-packet one-way delay: 13.082 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 72.91 Mbit/s  
95th percentile per-packet one-way delay: 13.082 ms  
Loss rate: 0.01%



Run 5: Report of LEDBAT — Data Link

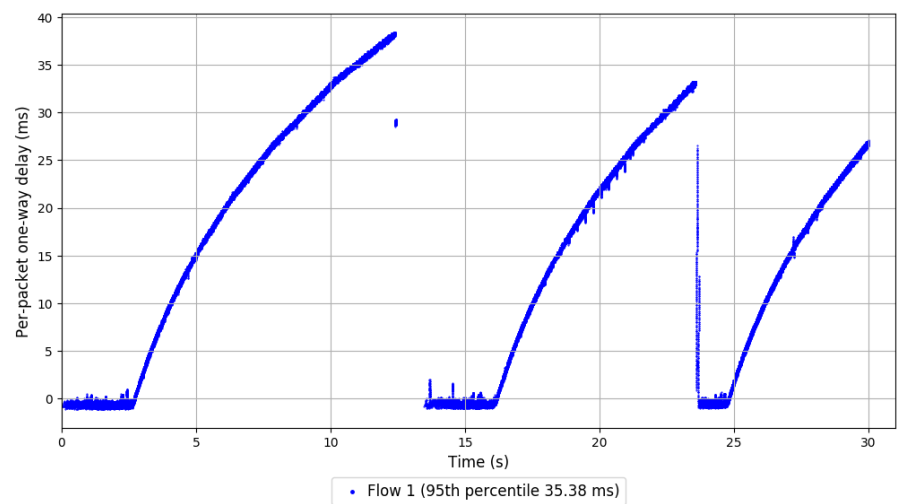
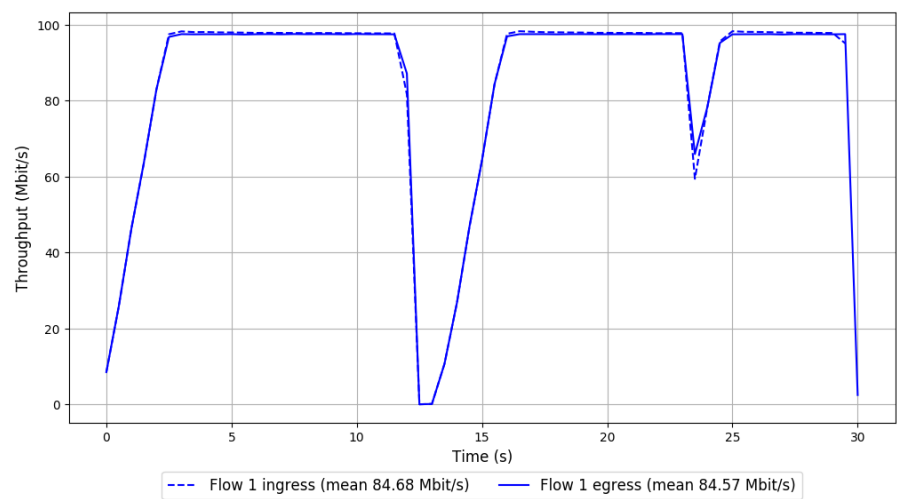


Run 6: Statistics of LEDBAT

Start at: 2018-02-04 09:47:59  
End at: 2018-02-04 09:48:29  
Local clock offset: -0.924 ms  
Remote clock offset: -29.046 ms

# Below is generated by plot.py at 2018-02-04 11:49:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.57 Mbit/s  
95th percentile per-packet one-way delay: 35.378 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 84.57 Mbit/s  
95th percentile per-packet one-way delay: 35.378 ms  
Loss rate: 0.04%

Run 6: Report of LEDBAT — Data Link

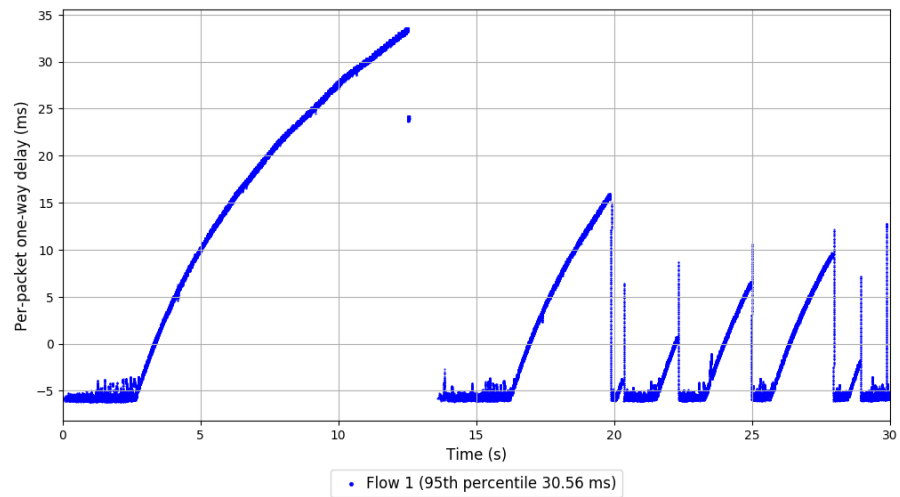
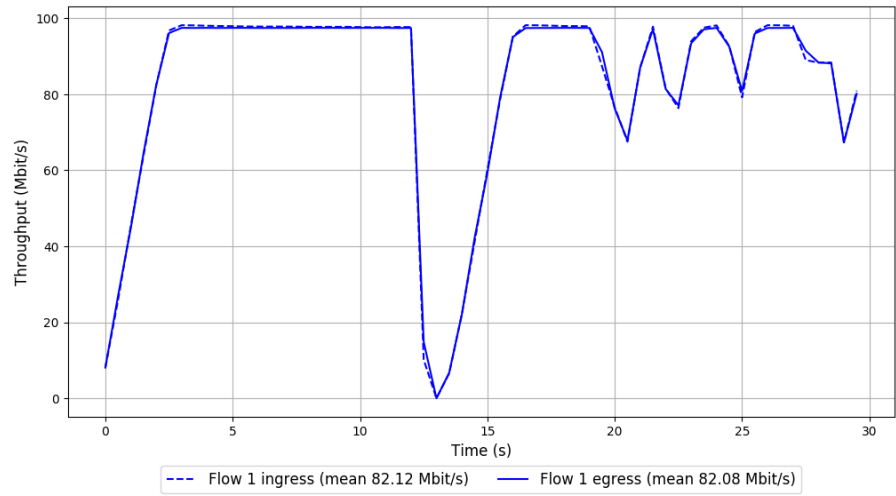


Run 7: Statistics of LEDBAT

Start at: 2018-02-04 10:09:10  
End at: 2018-02-04 10:09:40  
Local clock offset: 2.593 ms  
Remote clock offset: -34.813 ms

# Below is generated by plot.py at 2018-02-04 11:49:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 82.08 Mbit/s  
95th percentile per-packet one-way delay: 30.557 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 82.08 Mbit/s  
95th percentile per-packet one-way delay: 30.557 ms  
Loss rate: 0.04%

## Run 7: Report of LEDBAT — Data Link

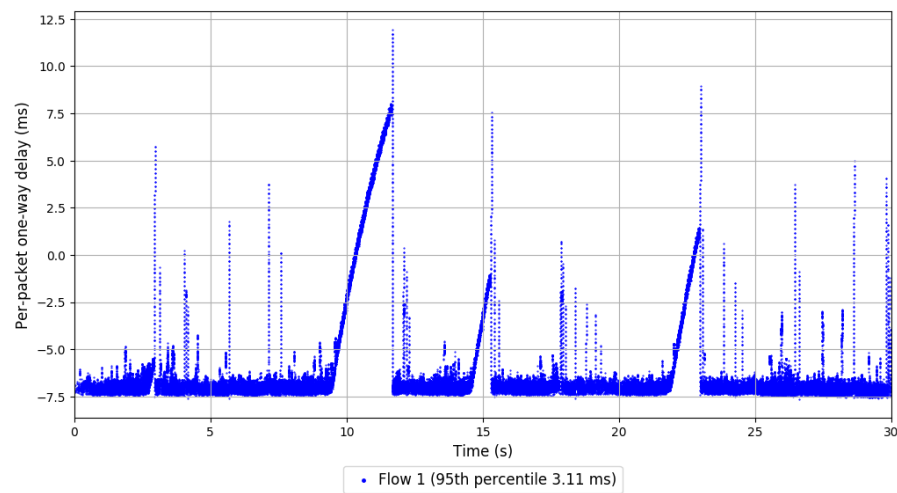
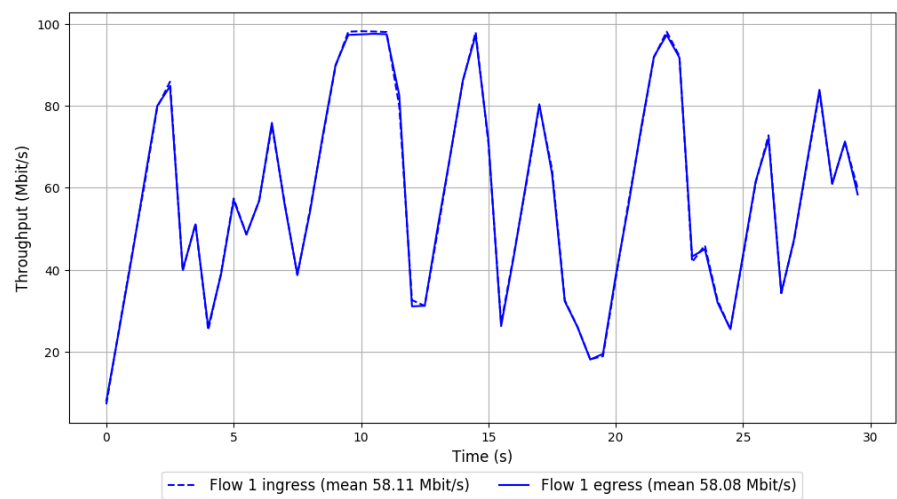


Run 8: Statistics of LEDBAT

Start at: 2018-02-04 10:30:09  
End at: 2018-02-04 10:30:39  
Local clock offset: 1.827 ms  
Remote clock offset: -39.041 ms

# Below is generated by plot.py at 2018-02-04 11:49:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.08 Mbit/s  
95th percentile per-packet one-way delay: 3.114 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 58.08 Mbit/s  
95th percentile per-packet one-way delay: 3.114 ms  
Loss rate: 0.03%

Run 8: Report of LEDBAT — Data Link



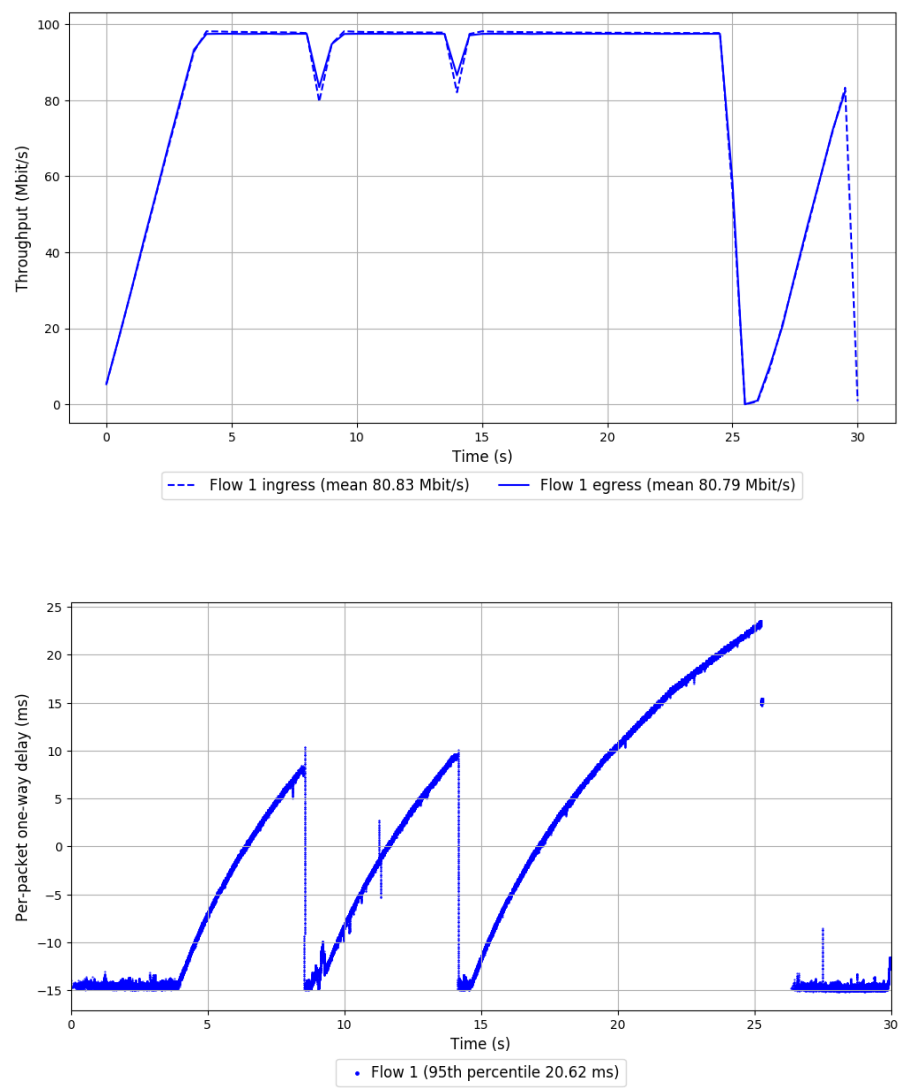
Run 9: Statistics of LEDBAT

Start at: 2018-02-04 10:51:04  
End at: 2018-02-04 10:51:34  
Local clock offset: 1.768 ms  
Remote clock offset: -28.648 ms

# Below is generated by plot.py at 2018-02-04 11:49:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 80.79 Mbit/s  
95th percentile per-packet one-way delay: 20.619 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 80.79 Mbit/s  
95th percentile per-packet one-way delay: 20.619 ms  
Loss rate: 0.03%



Run 9: Report of LEDBAT — Data Link

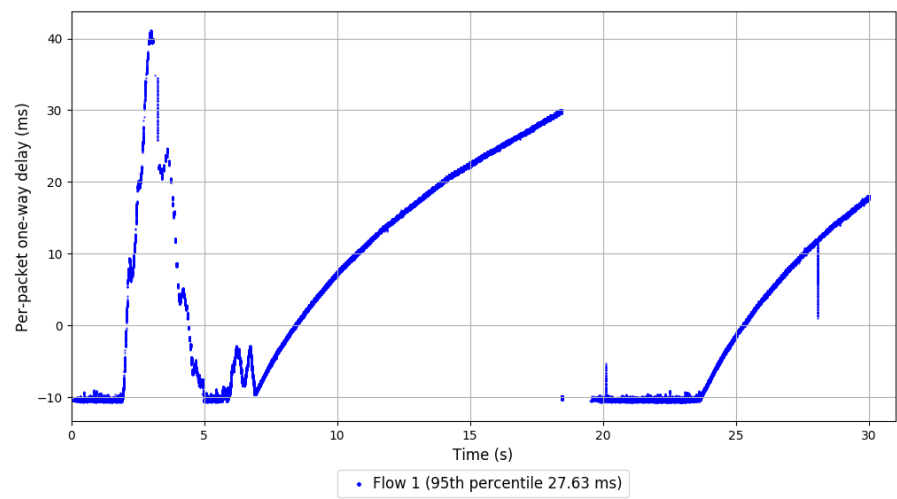
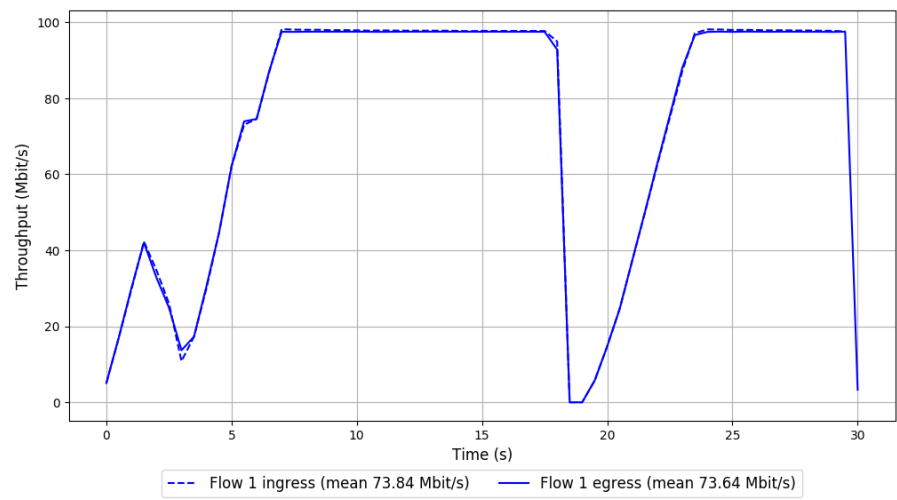


Run 10: Statistics of LEDBAT

Start at: 2018-02-04 11:12:15  
End at: 2018-02-04 11:12:45  
Local clock offset: 1.613 ms  
Remote clock offset: -21.685 ms

# Below is generated by plot.py at 2018-02-04 11:49:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.64 Mbit/s  
95th percentile per-packet one-way delay: 27.630 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 73.64 Mbit/s  
95th percentile per-packet one-way delay: 27.630 ms  
Loss rate: 0.18%

Run 10: Report of LEDBAT — Data Link

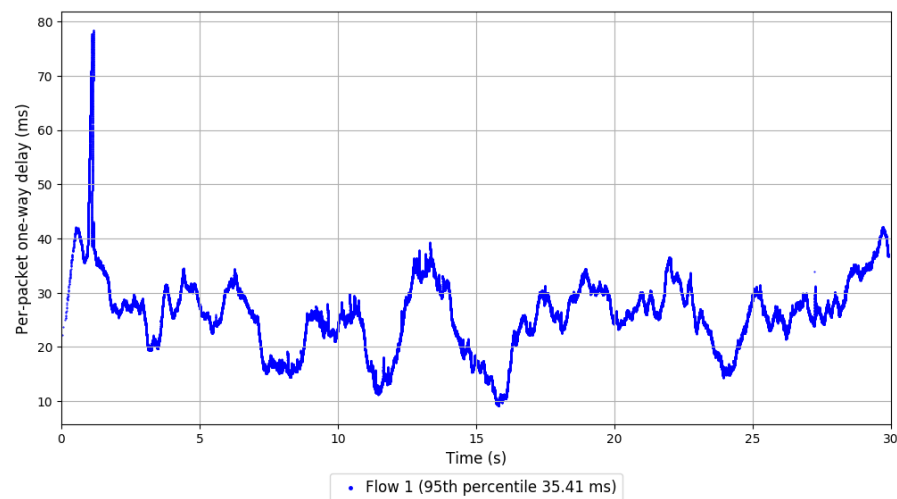
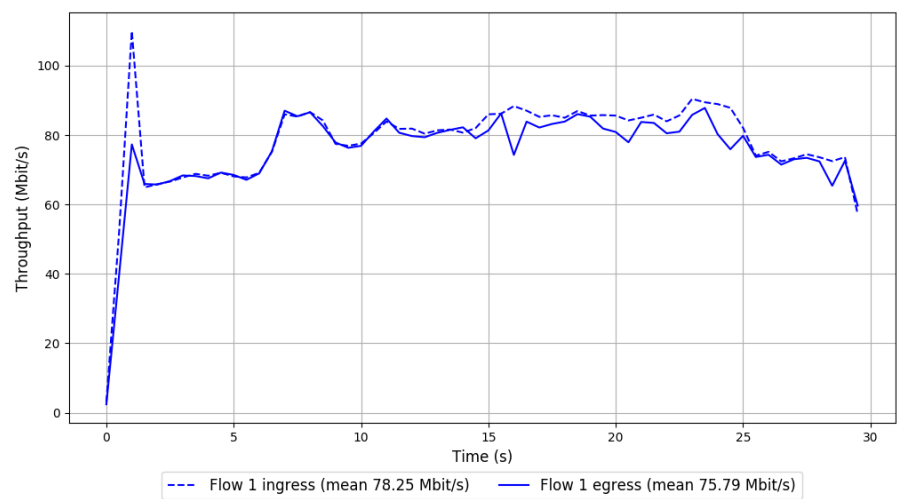


Run 1: Statistics of PCC

Start at: 2018-02-04 07:44:52  
End at: 2018-02-04 07:45:22  
Local clock offset: 4.623 ms  
Remote clock offset: -26.629 ms

# Below is generated by plot.py at 2018-02-04 11:50:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.79 Mbit/s  
95th percentile per-packet one-way delay: 35.414 ms  
Loss rate: 3.16%  
-- Flow 1:  
Average throughput: 75.79 Mbit/s  
95th percentile per-packet one-way delay: 35.414 ms  
Loss rate: 3.16%

Run 1: Report of PCC — Data Link

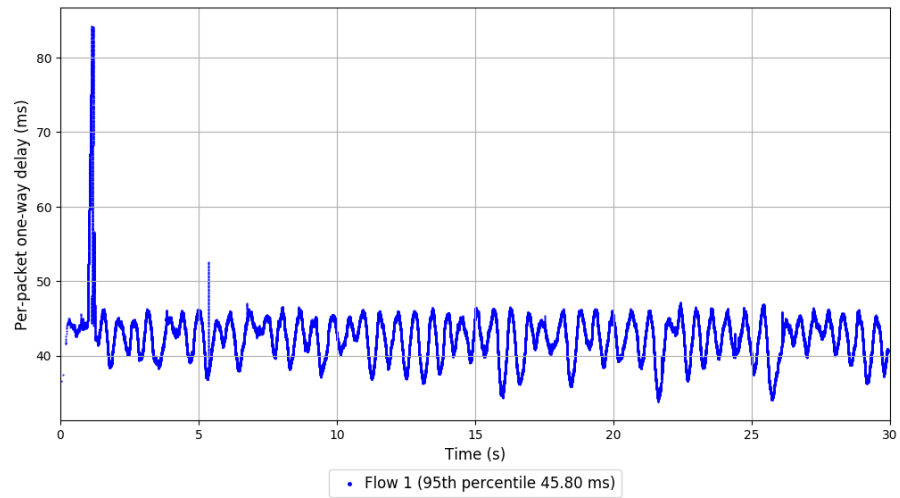
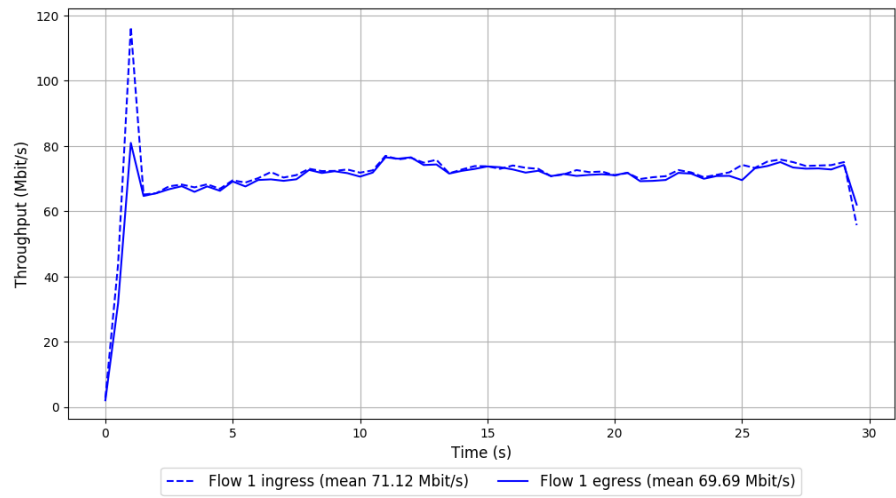


Run 2: Statistics of PCC

Start at: 2018-02-04 08:06:56  
End at: 2018-02-04 08:07:26  
Local clock offset: 1.43 ms  
Remote clock offset: -25.109 ms

# Below is generated by plot.py at 2018-02-04 11:50:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 69.69 Mbit/s  
95th percentile per-packet one-way delay: 45.802 ms  
Loss rate: 2.01%  
-- Flow 1:  
Average throughput: 69.69 Mbit/s  
95th percentile per-packet one-way delay: 45.802 ms  
Loss rate: 2.01%

## Run 2: Report of PCC — Data Link



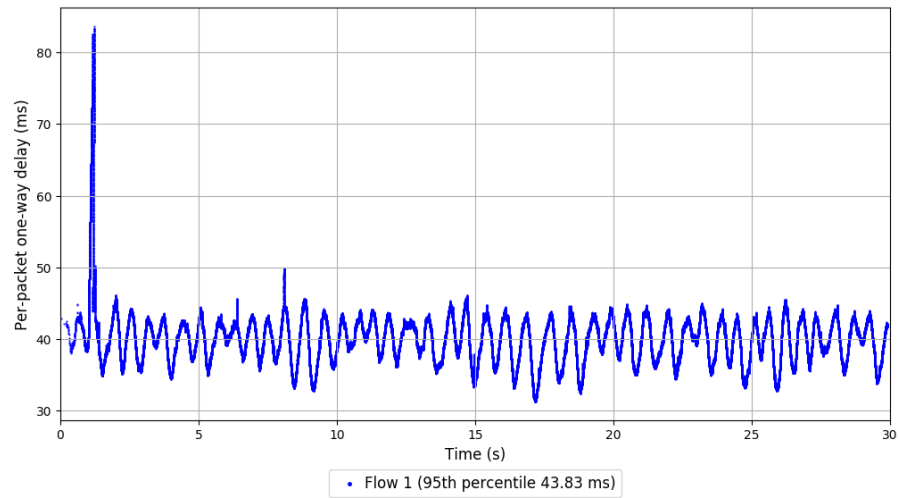
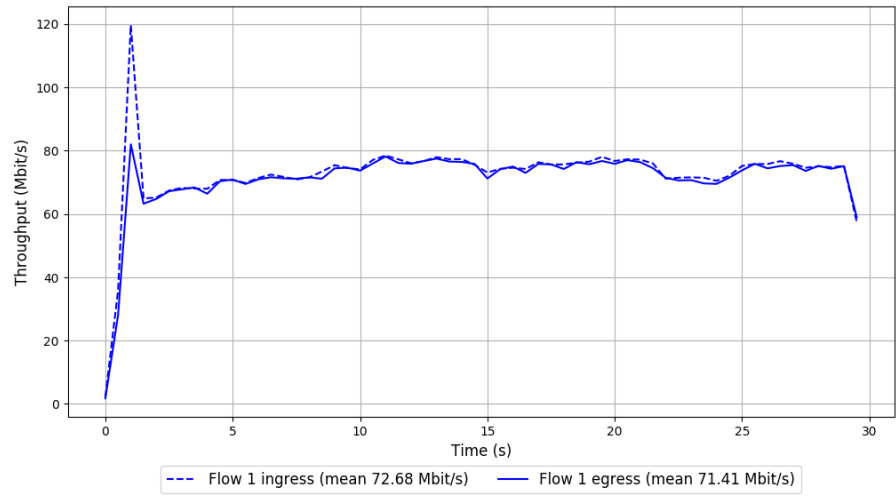
Run 3: Statistics of PCC

Start at: 2018-02-04 08:29:28  
End at: 2018-02-04 08:29:58  
Local clock offset: 3.893 ms  
Remote clock offset: -21.517 ms

# Below is generated by plot.py at 2018-02-04 11:50:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 71.41 Mbit/s  
95th percentile per-packet one-way delay: 43.830 ms  
Loss rate: 1.83%  
-- Flow 1:  
Average throughput: 71.41 Mbit/s  
95th percentile per-packet one-way delay: 43.830 ms  
Loss rate: 1.83%



### Run 3: Report of PCC — Data Link

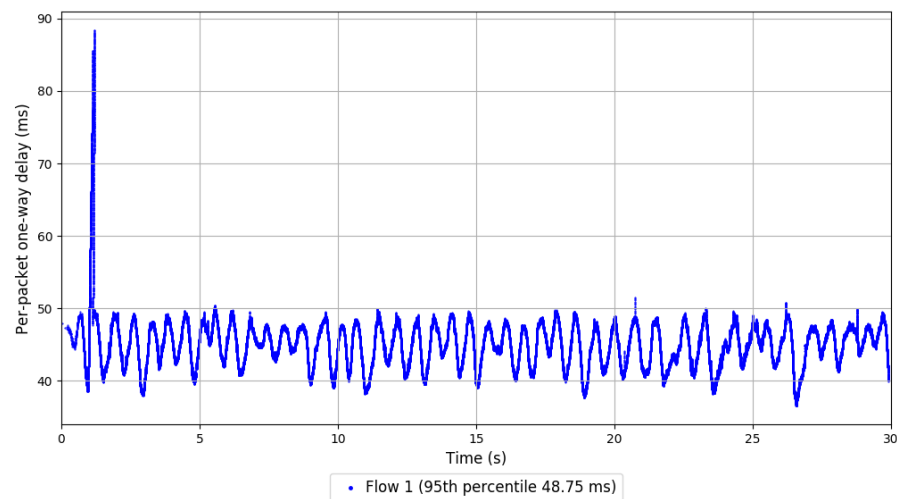
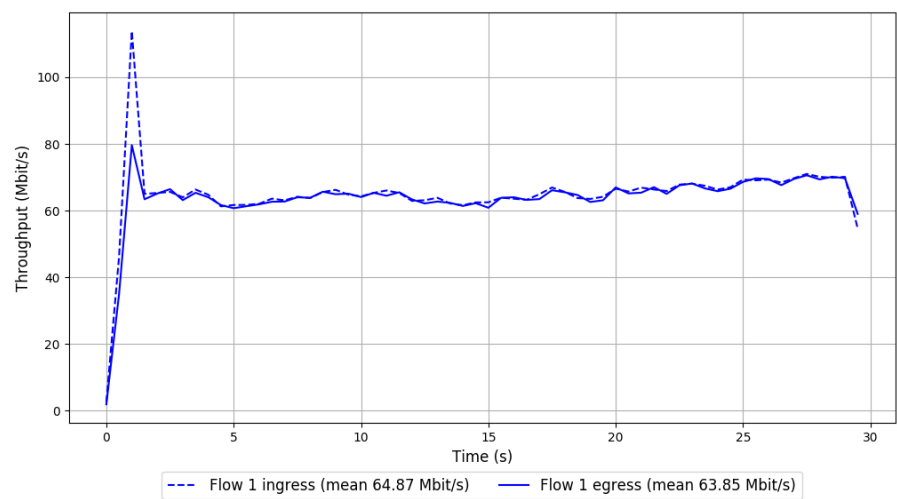


Run 4: Statistics of PCC

Start at: 2018-02-04 08:51:48  
End at: 2018-02-04 08:52:18  
Local clock offset: -0.703 ms  
Remote clock offset: -18.559 ms

# Below is generated by plot.py at 2018-02-04 11:50:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 63.85 Mbit/s  
95th percentile per-packet one-way delay: 48.751 ms  
Loss rate: 1.62%  
-- Flow 1:  
Average throughput: 63.85 Mbit/s  
95th percentile per-packet one-way delay: 48.751 ms  
Loss rate: 1.62%

Run 4: Report of PCC — Data Link

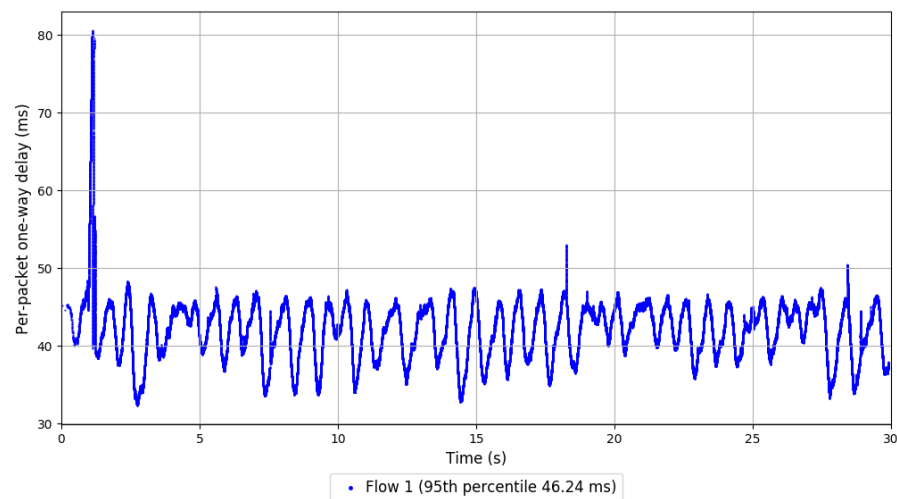
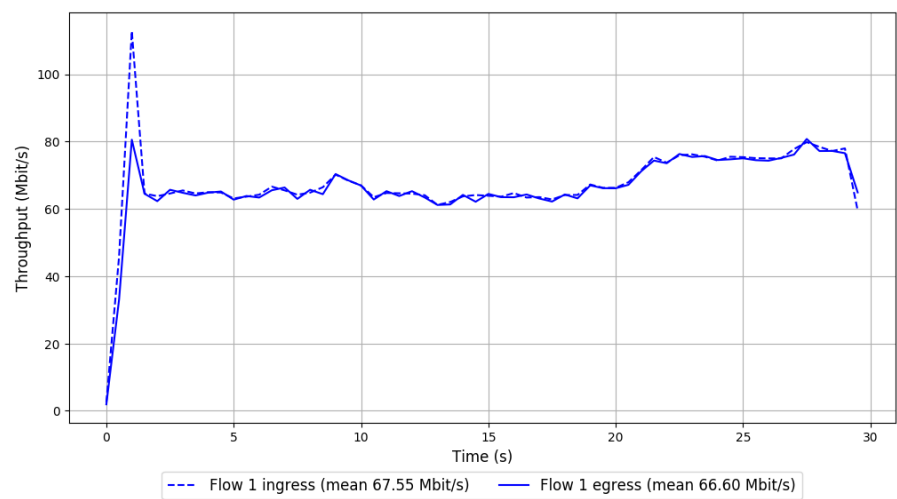


Run 5: Statistics of PCC

Start at: 2018-02-04 09:13:28  
End at: 2018-02-04 09:13:58  
Local clock offset: 0.197 ms  
Remote clock offset: -18.432 ms

# Below is generated by plot.py at 2018-02-04 11:50:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 66.60 Mbit/s  
95th percentile per-packet one-way delay: 46.238 ms  
Loss rate: 1.46%  
-- Flow 1:  
Average throughput: 66.60 Mbit/s  
95th percentile per-packet one-way delay: 46.238 ms  
Loss rate: 1.46%

Run 5: Report of PCC — Data Link

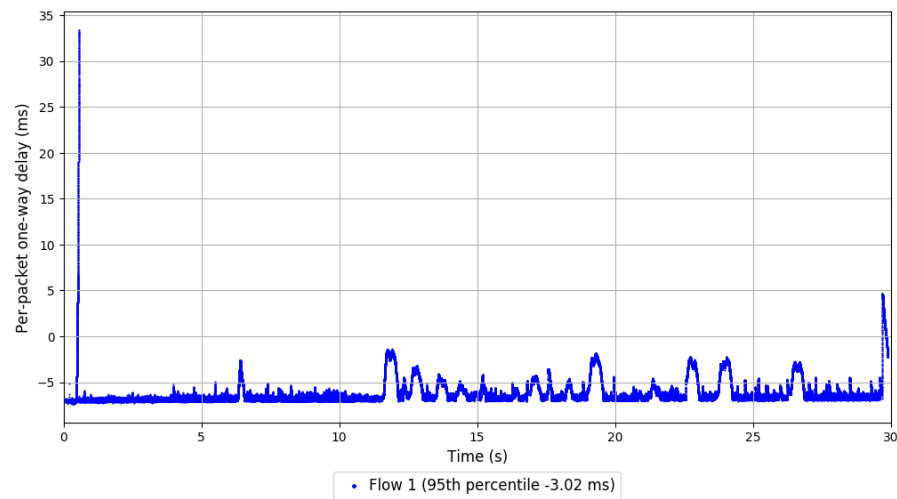
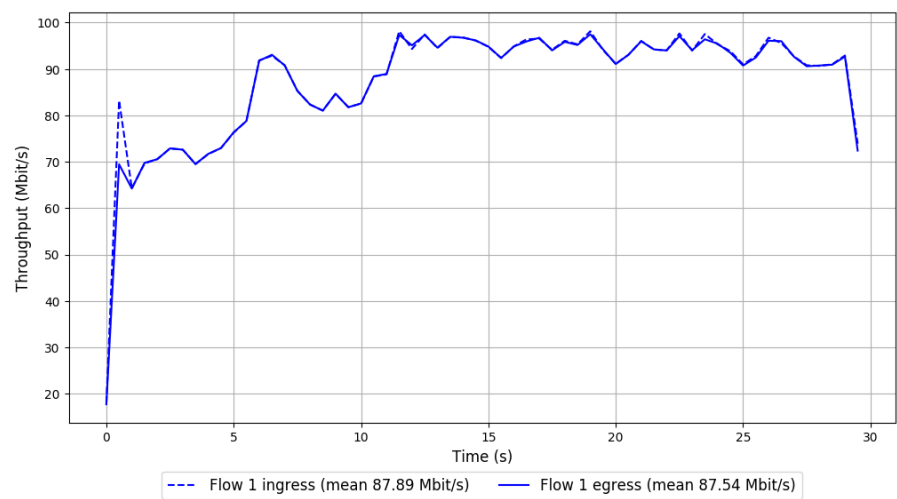


Run 6: Statistics of PCC

Start at: 2018-02-04 09:34:59  
End at: 2018-02-04 09:35:29  
Local clock offset: -0.931 ms  
Remote clock offset: -29.312 ms

# Below is generated by plot.py at 2018-02-04 11:51:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.54 Mbit/s  
95th percentile per-packet one-way delay: -3.024 ms  
Loss rate: 0.38%  
-- Flow 1:  
Average throughput: 87.54 Mbit/s  
95th percentile per-packet one-way delay: -3.024 ms  
Loss rate: 0.38%

Run 6: Report of PCC — Data Link



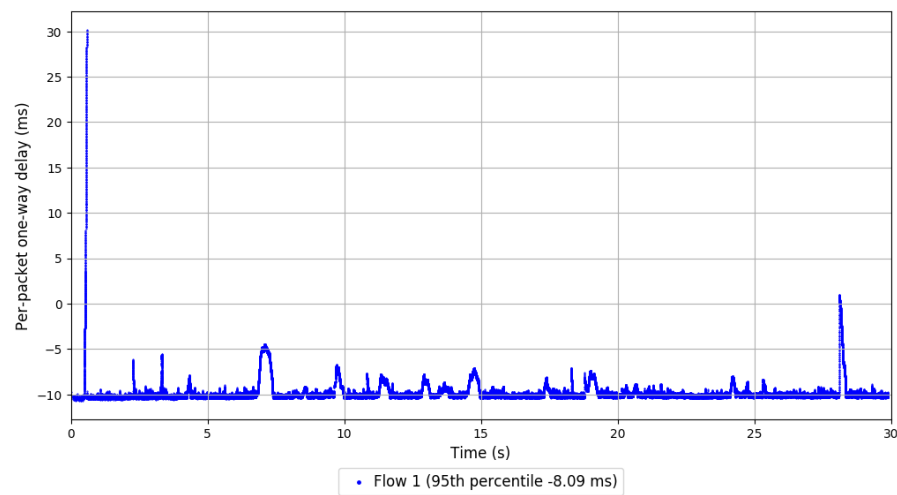
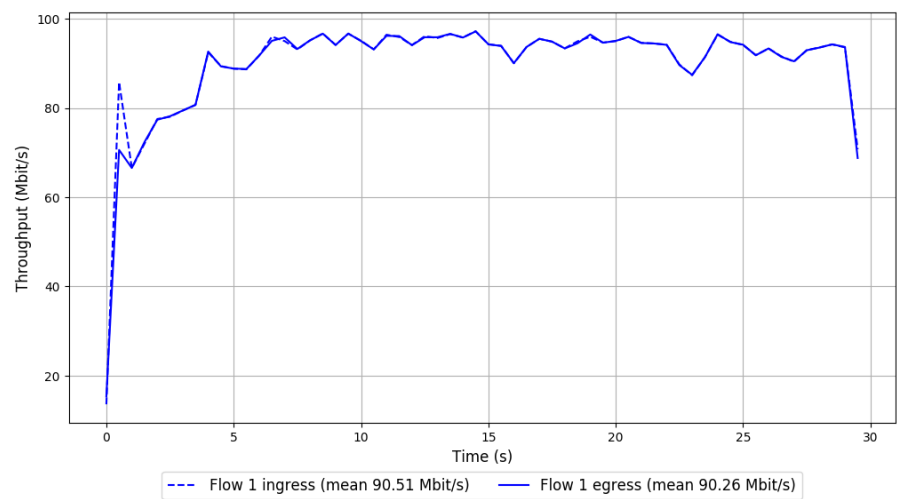
Run 7: Statistics of PCC

Start at: 2018-02-04 09:56:13  
End at: 2018-02-04 09:56:43  
Local clock offset: 2.906 ms  
Remote clock offset: -36.736 ms

# Below is generated by plot.py at 2018-02-04 11:51:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.26 Mbit/s  
95th percentile per-packet one-way delay: -8.085 ms  
Loss rate: 0.28%  
-- Flow 1:  
Average throughput: 90.26 Mbit/s  
95th percentile per-packet one-way delay: -8.085 ms  
Loss rate: 0.28%



Run 7: Report of PCC — Data Link

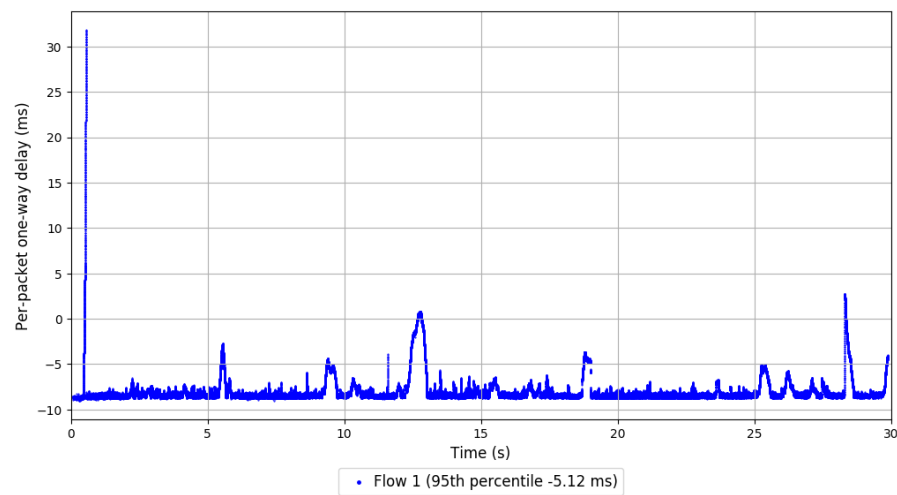
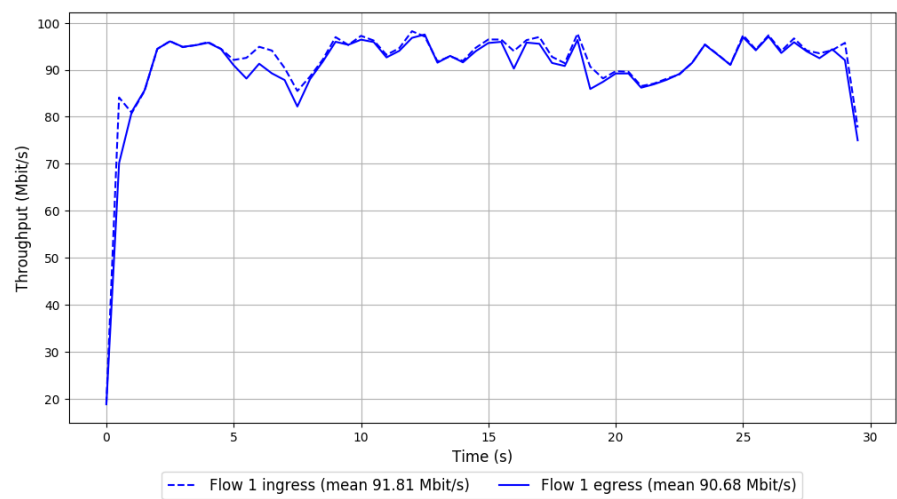


Run 8: Statistics of PCC

Start at: 2018-02-04 10:17:12  
End at: 2018-02-04 10:17:42  
Local clock offset: 2.923 ms  
Remote clock offset: -37.75 ms

# Below is generated by plot.py at 2018-02-04 11:51:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.68 Mbit/s  
95th percentile per-packet one-way delay: -5.115 ms  
Loss rate: 1.22%  
-- Flow 1:  
Average throughput: 90.68 Mbit/s  
95th percentile per-packet one-way delay: -5.115 ms  
Loss rate: 1.22%

Run 8: Report of PCC — Data Link

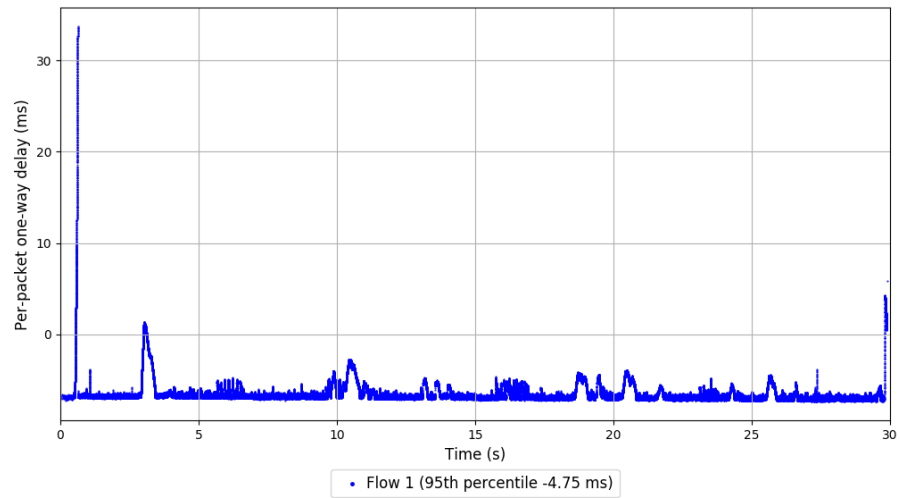
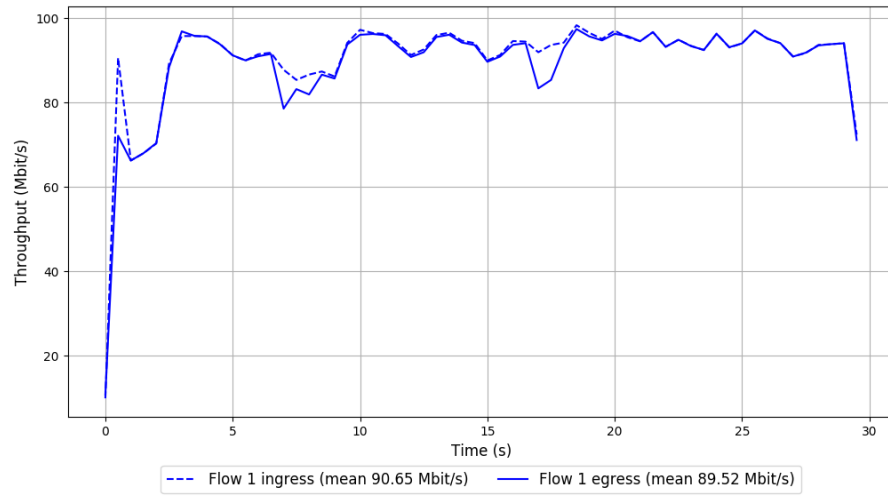


Run 9: Statistics of PCC

Start at: 2018-02-04 10:38:17  
End at: 2018-02-04 10:38:47  
Local clock offset: 3.09 ms  
Remote clock offset: -26.856 ms

# Below is generated by plot.py at 2018-02-04 11:51:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.52 Mbit/s  
95th percentile per-packet one-way delay: -4.750 ms  
Loss rate: 1.20%  
-- Flow 1:  
Average throughput: 89.52 Mbit/s  
95th percentile per-packet one-way delay: -4.750 ms  
Loss rate: 1.20%

### Run 9: Report of PCC — Data Link

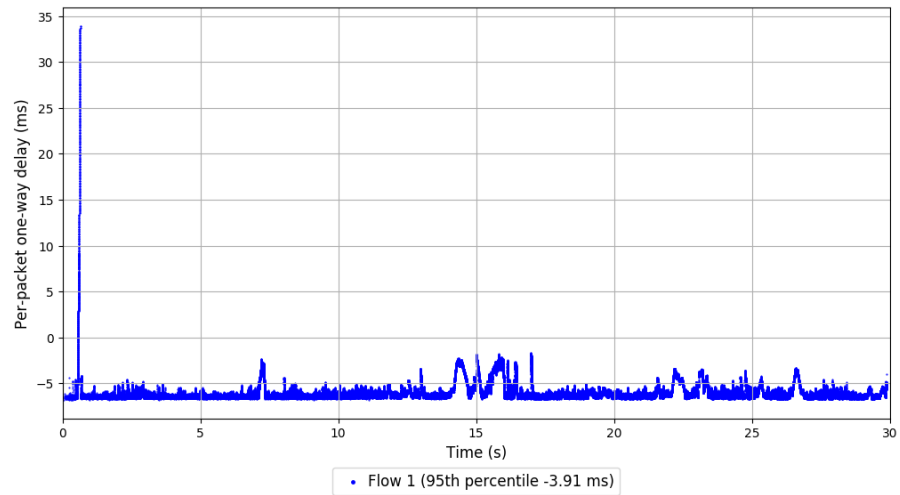
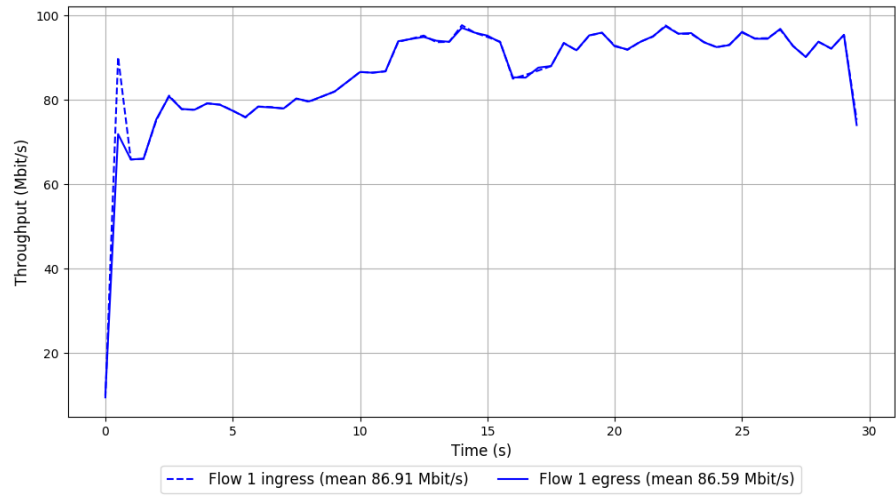


Run 10: Statistics of PCC

Start at: 2018-02-04 10:59:14  
End at: 2018-02-04 10:59:44  
Local clock offset: 3.28 ms  
Remote clock offset: -16.327 ms

# Below is generated by plot.py at 2018-02-04 11:51:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.59 Mbit/s  
95th percentile per-packet one-way delay: -3.908 ms  
Loss rate: 0.35%  
-- Flow 1:  
Average throughput: 86.59 Mbit/s  
95th percentile per-packet one-way delay: -3.908 ms  
Loss rate: 0.35%

### Run 10: Report of PCC — Data Link



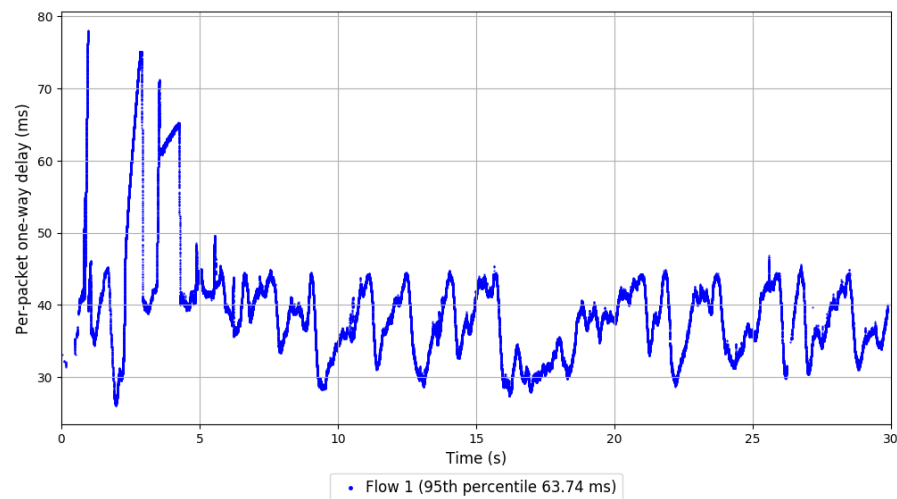
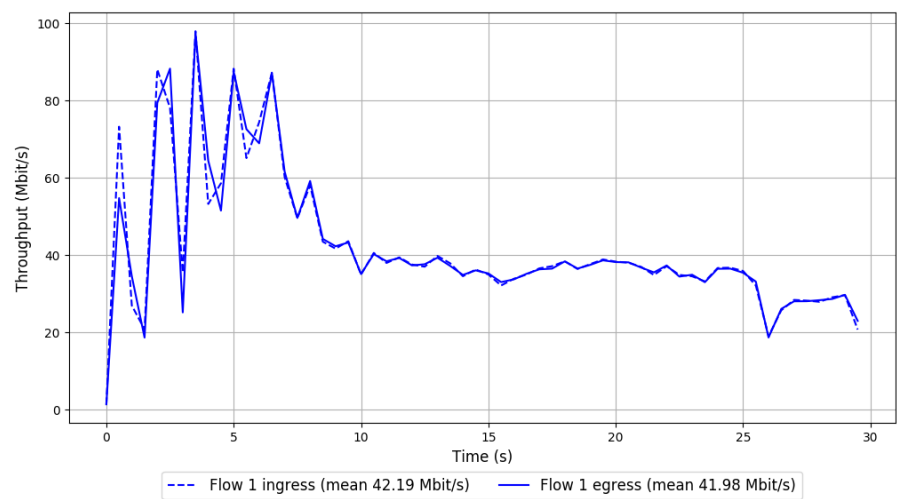
Run 1: Statistics of QUIC Cubic

Start at: 2018-02-04 07:52:03  
End at: 2018-02-04 07:52:33  
Local clock offset: 1.798 ms  
Remote clock offset: -26.443 ms

# Below is generated by plot.py at 2018-02-04 11:51:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 41.98 Mbit/s  
95th percentile per-packet one-way delay: 63.736 ms  
Loss rate: 0.46%  
-- Flow 1:  
Average throughput: 41.98 Mbit/s  
95th percentile per-packet one-way delay: 63.736 ms  
Loss rate: 0.46%



Run 1: Report of QUIC Cubic — Data Link

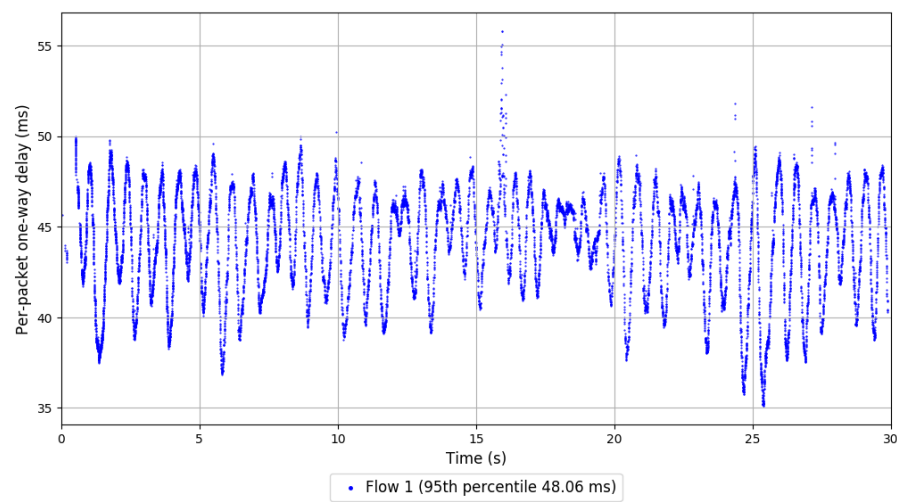
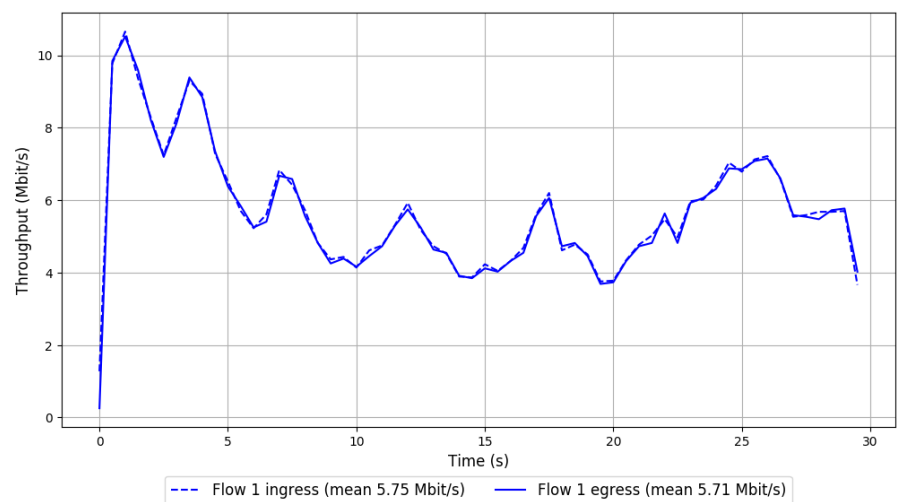


Run 2: Statistics of QUIC Cubic

Start at: 2018-02-04 08:14:46  
End at: 2018-02-04 08:15:16  
Local clock offset: -0.735 ms  
Remote clock offset: -24.468 ms

# Below is generated by plot.py at 2018-02-04 11:51:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 5.71 Mbit/s  
95th percentile per-packet one-way delay: 48.061 ms  
Loss rate: 0.77%  
-- Flow 1:  
Average throughput: 5.71 Mbit/s  
95th percentile per-packet one-way delay: 48.061 ms  
Loss rate: 0.77%

Run 2: Report of QUIC Cubic — Data Link

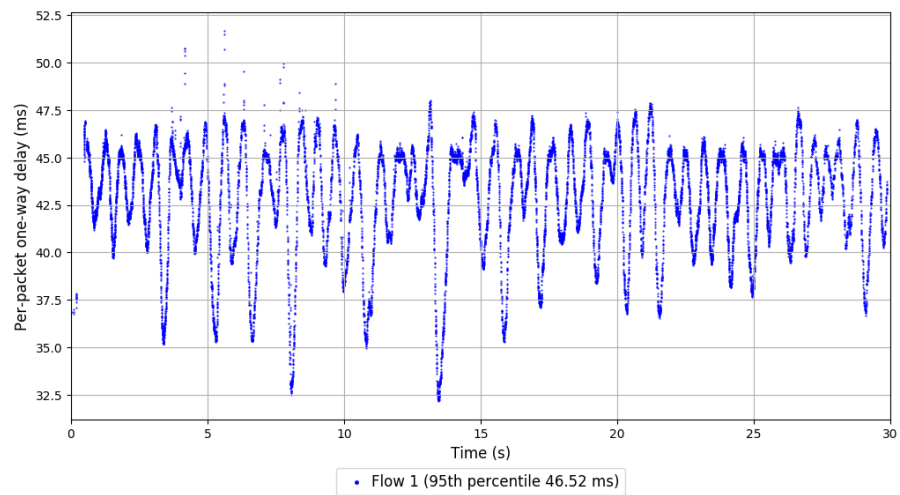
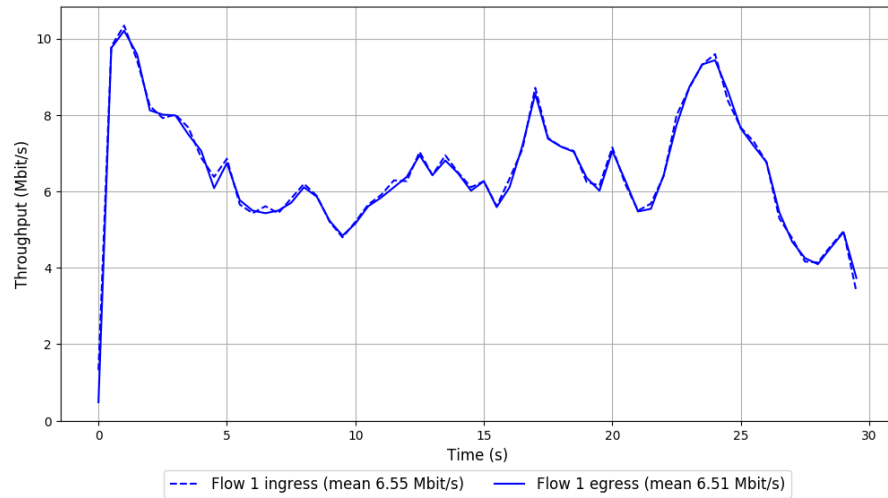


Run 3: Statistics of QUIC Cubic

Start at: 2018-02-04 08:37:09  
End at: 2018-02-04 08:37:39  
Local clock offset: 1.301 ms  
Remote clock offset: -19.808 ms

# Below is generated by plot.py at 2018-02-04 11:51:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 6.51 Mbit/s  
95th percentile per-packet one-way delay: 46.517 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 6.51 Mbit/s  
95th percentile per-packet one-way delay: 46.517 ms  
Loss rate: 0.60%

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

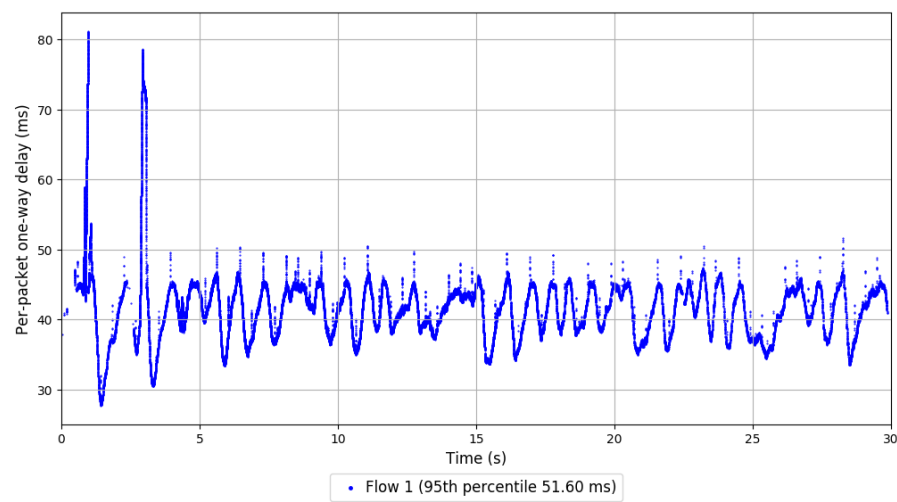
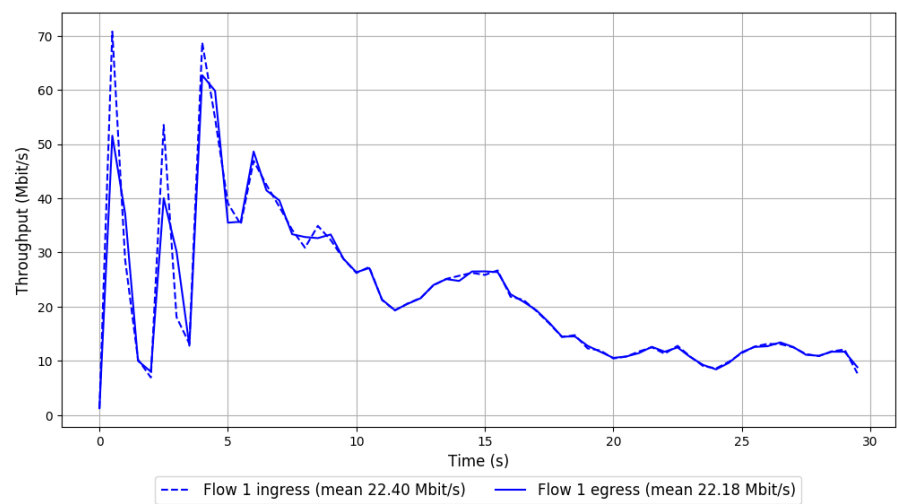


Run 4: Statistics of QUIC Cubic

Start at: 2018-02-04 08:59:07  
End at: 2018-02-04 08:59:37  
Local clock offset: 0.839 ms  
Remote clock offset: -18.732 ms

# Below is generated by plot.py at 2018-02-04 11:51:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 22.18 Mbit/s  
95th percentile per-packet one-way delay: 51.605 ms  
Loss rate: 1.00%  
-- Flow 1:  
Average throughput: 22.18 Mbit/s  
95th percentile per-packet one-way delay: 51.605 ms  
Loss rate: 1.00%

Run 4: Report of QUIC Cubic — Data Link



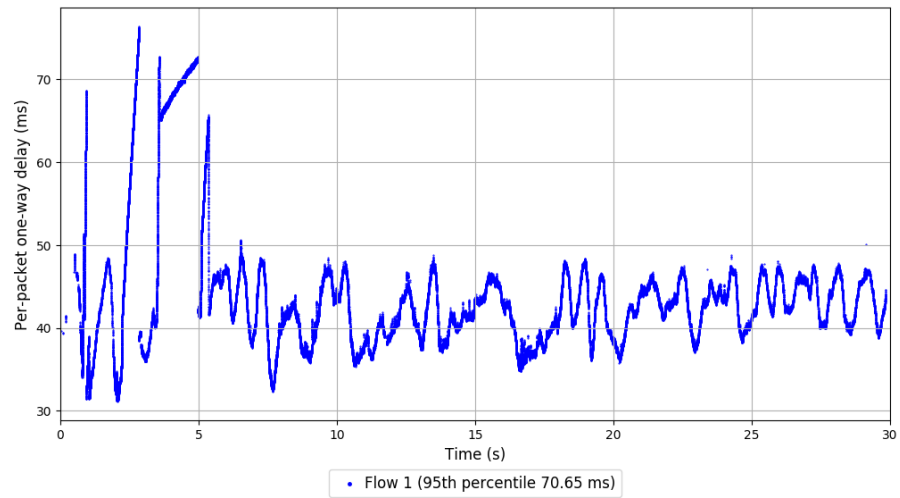
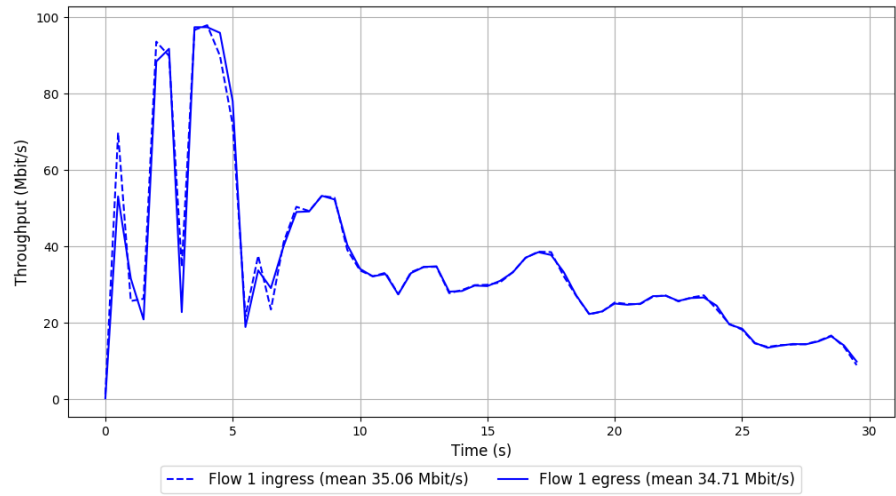
Run 5: Statistics of QUIC Cubic

Start at: 2018-02-04 09:20:47  
End at: 2018-02-04 09:21:17  
Local clock offset: -3.089 ms  
Remote clock offset: -19.435 ms

# Below is generated by plot.py at 2018-02-04 11:51:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 34.71 Mbit/s  
95th percentile per-packet one-way delay: 70.648 ms  
Loss rate: 1.02%  
-- Flow 1:  
Average throughput: 34.71 Mbit/s  
95th percentile per-packet one-way delay: 70.648 ms  
Loss rate: 1.02%



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



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-04 09:42:04

End at: 2018-02-04 09:42:34

Local clock offset: 0.161 ms

Remote clock offset: -30.71 ms

# Below is generated by plot.py at 2018-02-04 11:52:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.39 Mbit/s

95th percentile per-packet one-way delay: -4.854 ms

Loss rate: 0.00%

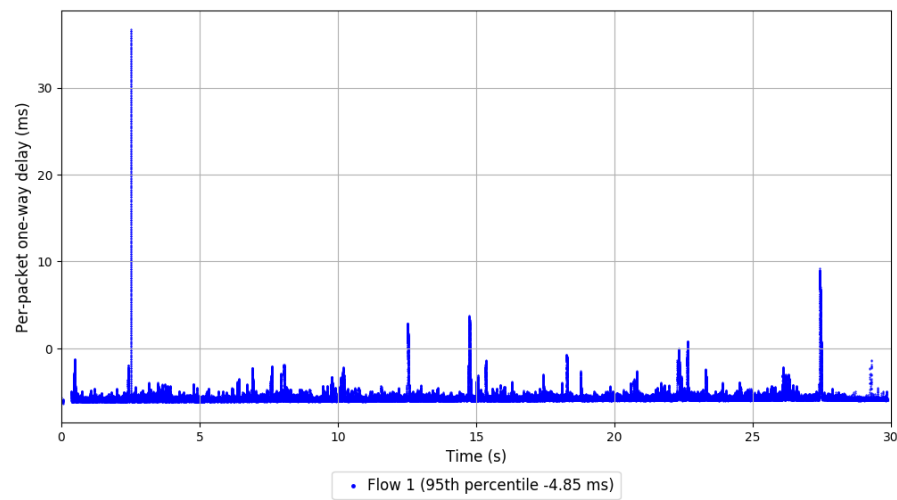
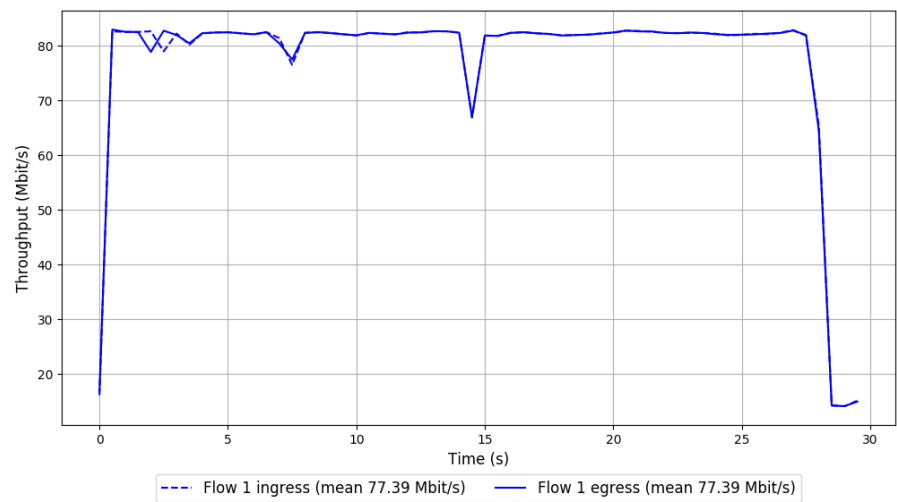
-- Flow 1:

Average throughput: 77.39 Mbit/s

95th percentile per-packet one-way delay: -4.854 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

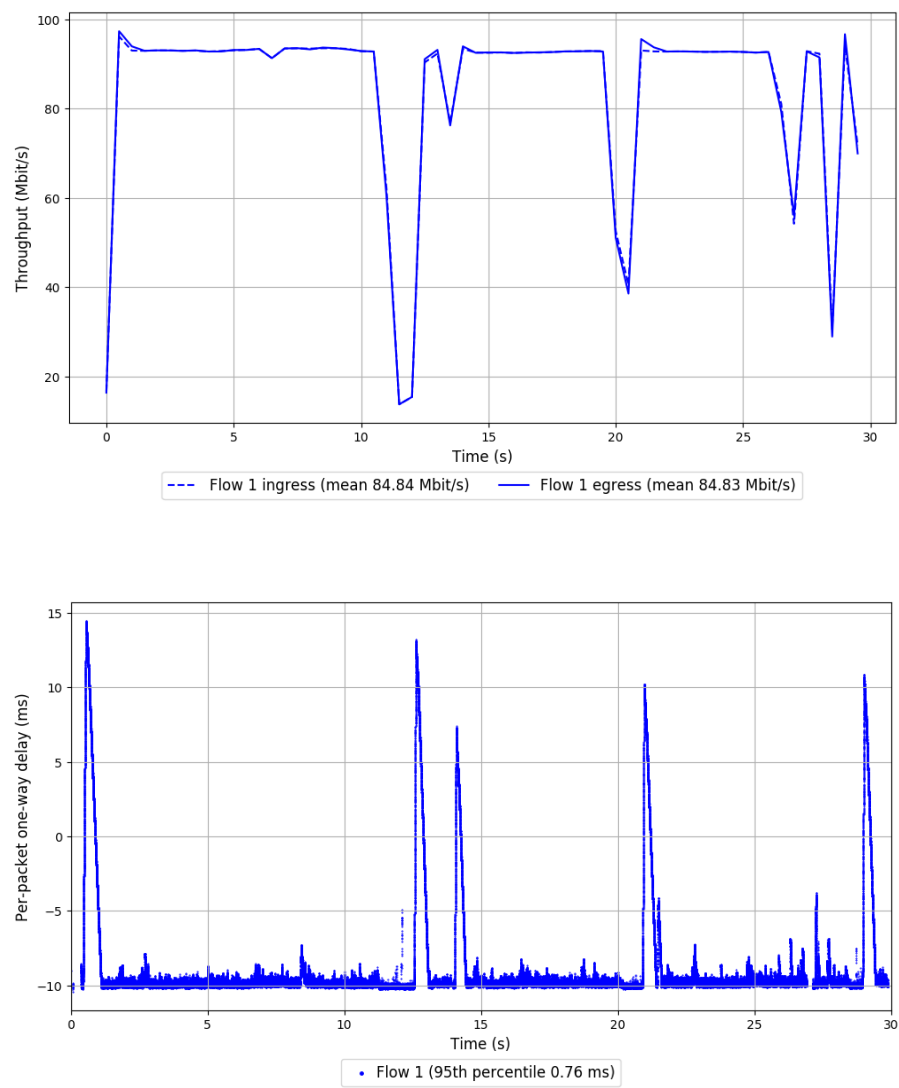


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-04 10:03:15  
End at: 2018-02-04 10:03:45  
Local clock offset: 3.403 ms  
Remote clock offset: -37.168 ms

# Below is generated by plot.py at 2018-02-04 11:52:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.83 Mbit/s  
95th percentile per-packet one-way delay: 0.764 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 84.83 Mbit/s  
95th percentile per-packet one-way delay: 0.764 ms  
Loss rate: 0.01%

Run 7: Report of QUIC Cubic — Data Link

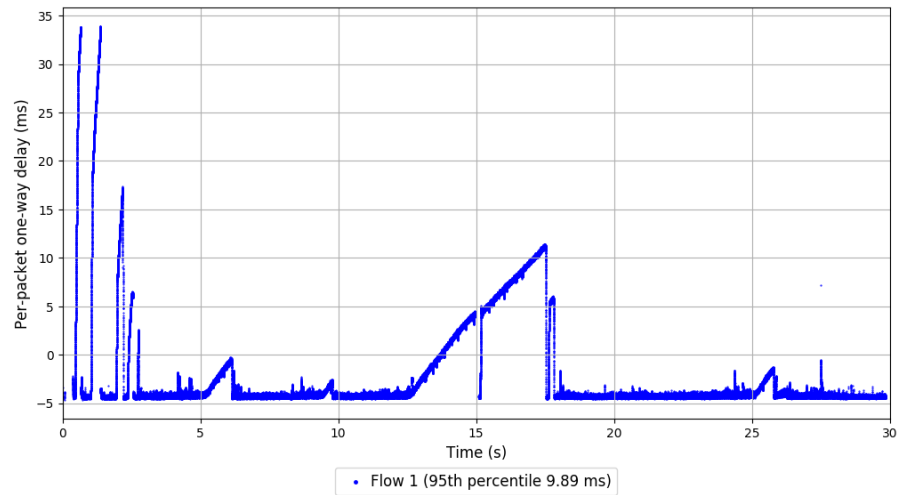
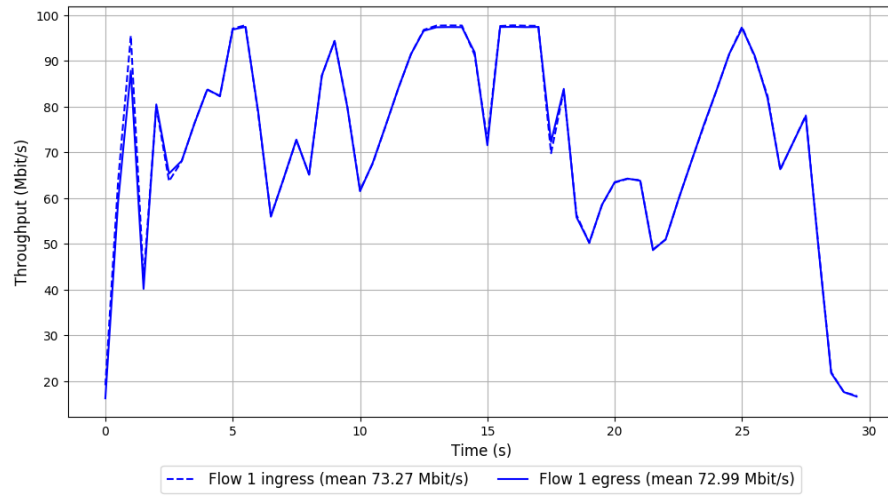


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-04 10:24:18  
End at: 2018-02-04 10:24:48  
Local clock offset: 1.951 ms  
Remote clock offset: -35.411 ms

# Below is generated by plot.py at 2018-02-04 11:52:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 72.99 Mbit/s  
95th percentile per-packet one-way delay: 9.887 ms  
Loss rate: 0.39%  
-- Flow 1:  
Average throughput: 72.99 Mbit/s  
95th percentile per-packet one-way delay: 9.887 ms  
Loss rate: 0.39%

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



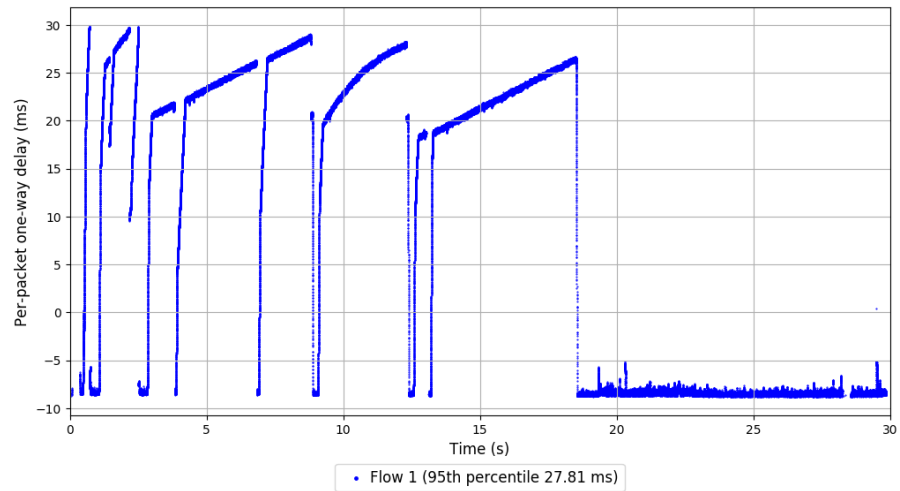
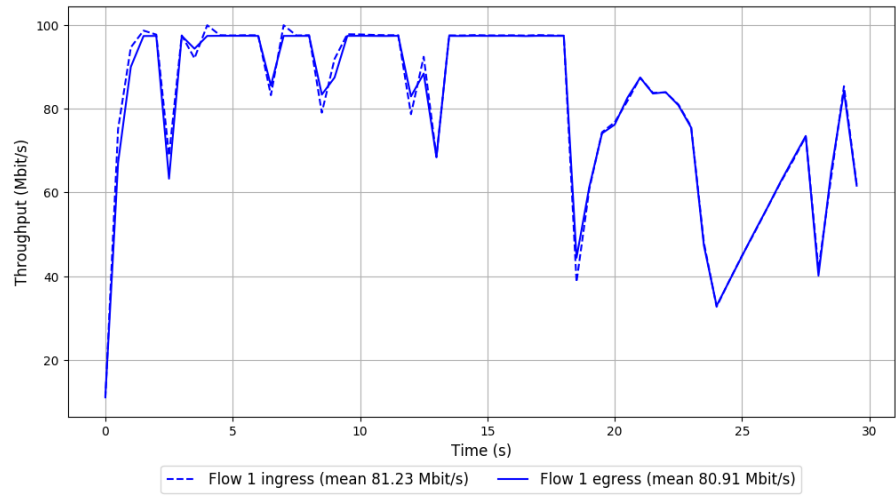
Run 9: Statistics of QUIC Cubic

Start at: 2018-02-04 10:45:12  
End at: 2018-02-04 10:45:42  
Local clock offset: 4.935 ms  
Remote clock offset: -21.843 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 80.91 Mbit/s  
95th percentile per-packet one-way delay: 27.808 ms  
Loss rate: 0.39%  
-- Flow 1:  
Average throughput: 80.91 Mbit/s  
95th percentile per-packet one-way delay: 27.808 ms  
Loss rate: 0.39%



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



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-04 11:06:22

End at: 2018-02-04 11:06:52

Local clock offset: 3.617 ms

Remote clock offset: -20.354 ms

# Below is generated by plot.py at 2018-02-04 11:52:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.00 Mbit/s

95th percentile per-packet one-way delay: -5.748 ms

Loss rate: 0.20%

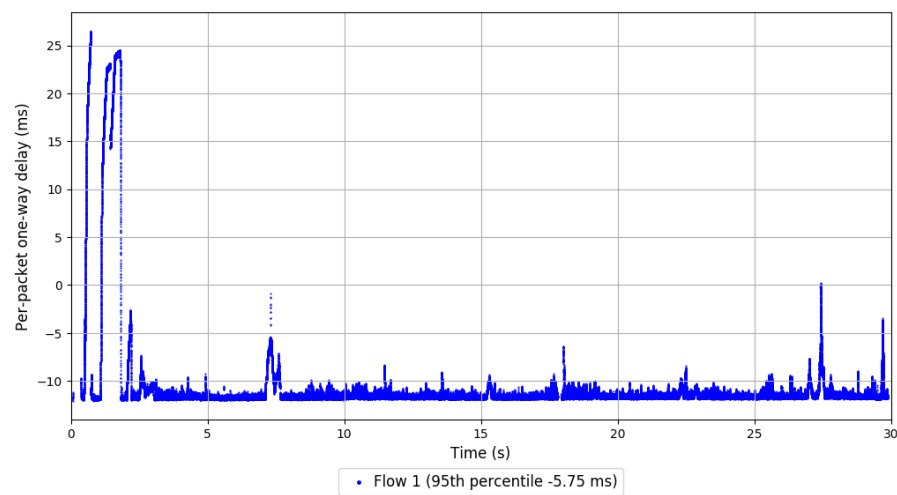
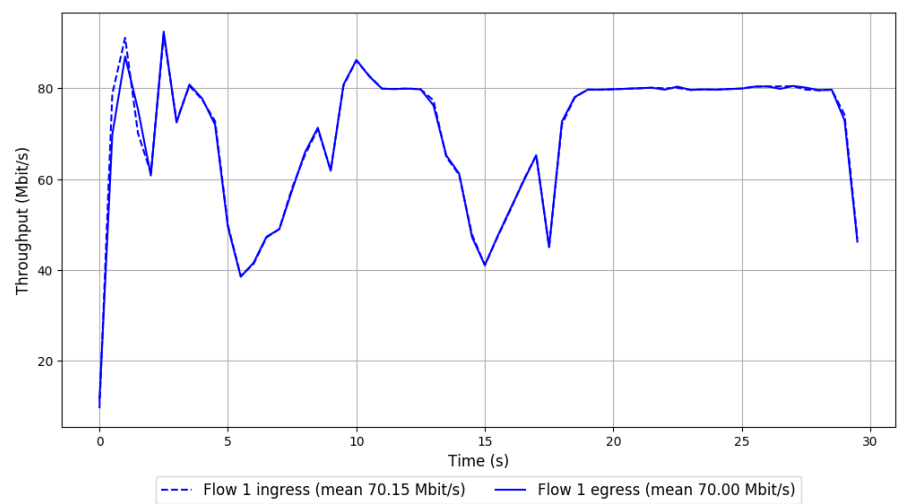
-- Flow 1:

Average throughput: 70.00 Mbit/s

95th percentile per-packet one-way delay: -5.748 ms

Loss rate: 0.20%

Run 10: Report of QUIC Cubic — Data Link

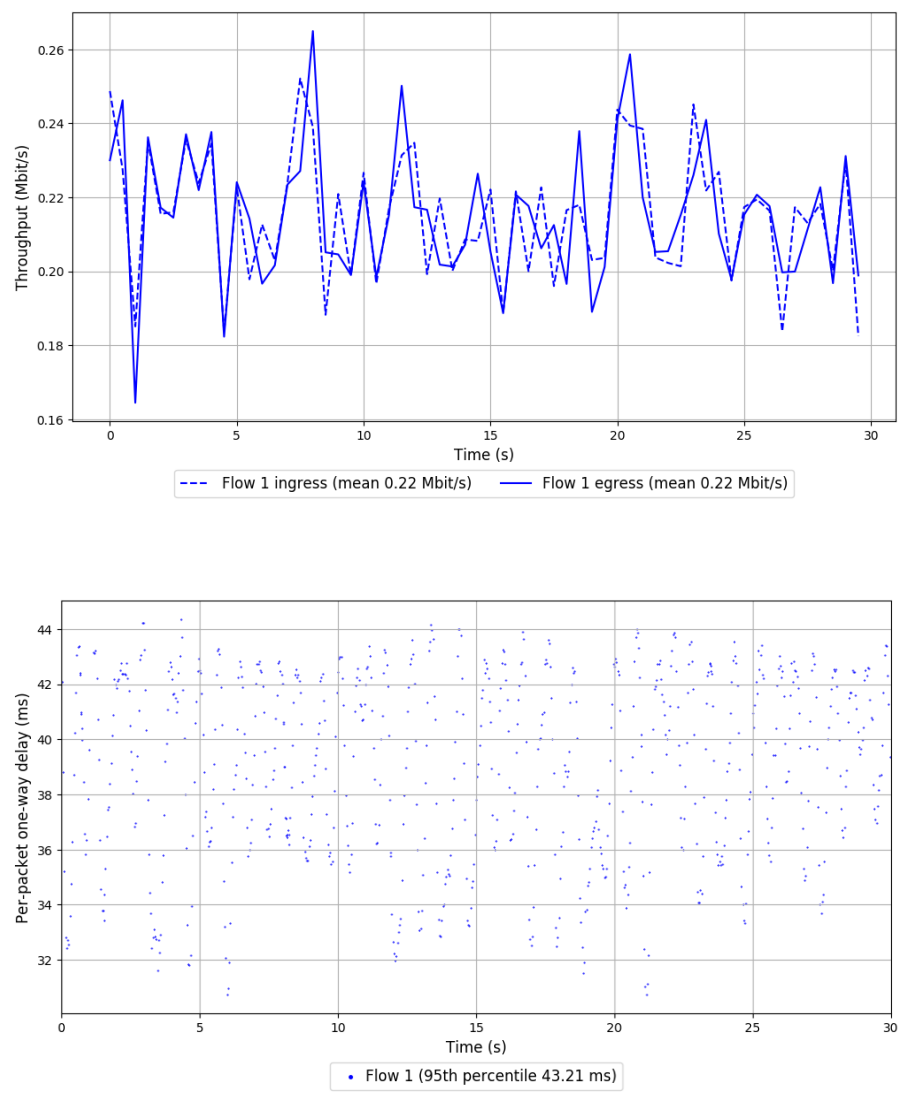


Run 1: Statistics of SCReAM

Start at: 2018-02-04 08:01:58  
End at: 2018-02-04 08:02:28  
Local clock offset: 2.544 ms  
Remote clock offset: -25.967 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 43.214 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 43.214 ms  
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

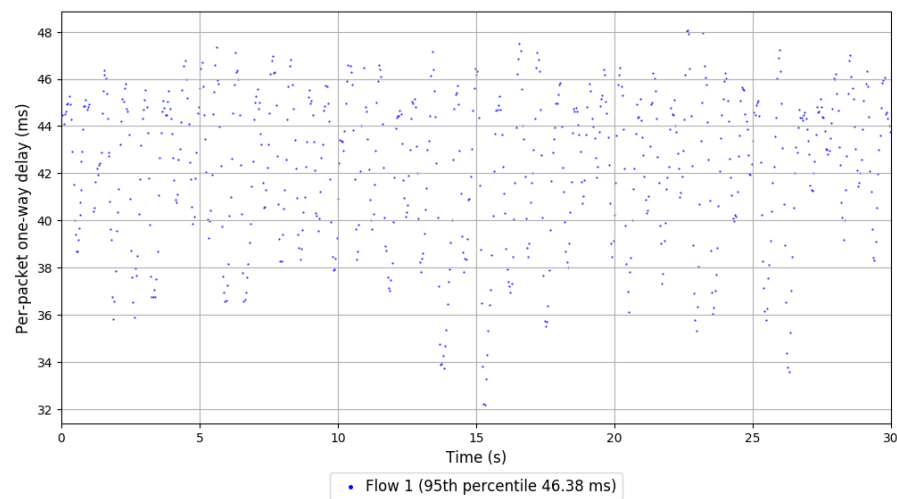
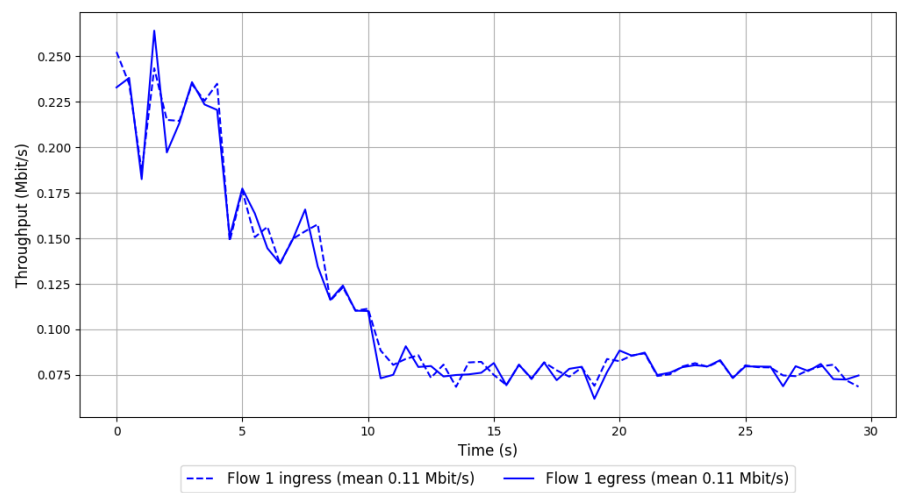


Run 2: Statistics of SCReAM

Start at: 2018-02-04 08:24:43  
End at: 2018-02-04 08:25:13  
Local clock offset: 1.134 ms  
Remote clock offset: -22.134 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.11 Mbit/s  
95th percentile per-packet one-way delay: 46.379 ms  
Loss rate: 1.03%  
-- Flow 1:  
Average throughput: 0.11 Mbit/s  
95th percentile per-packet one-way delay: 46.379 ms  
Loss rate: 1.03%

Run 2: Report of SReAM — Data Link



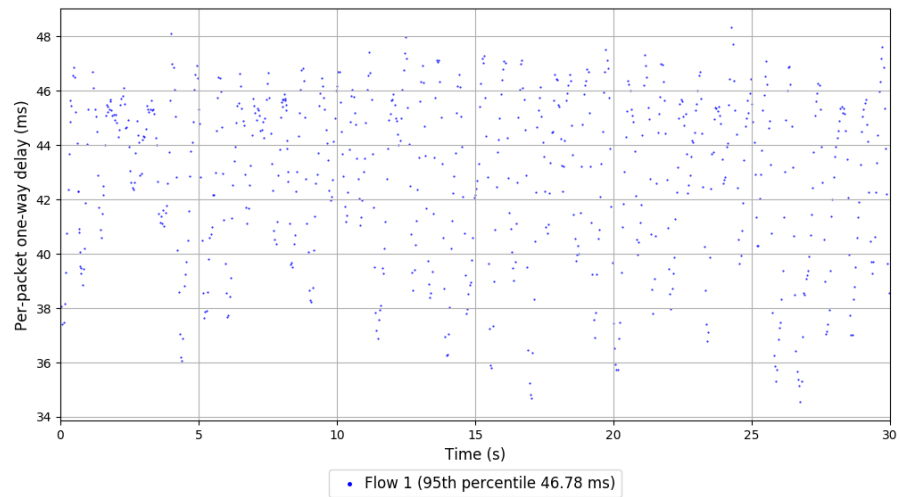
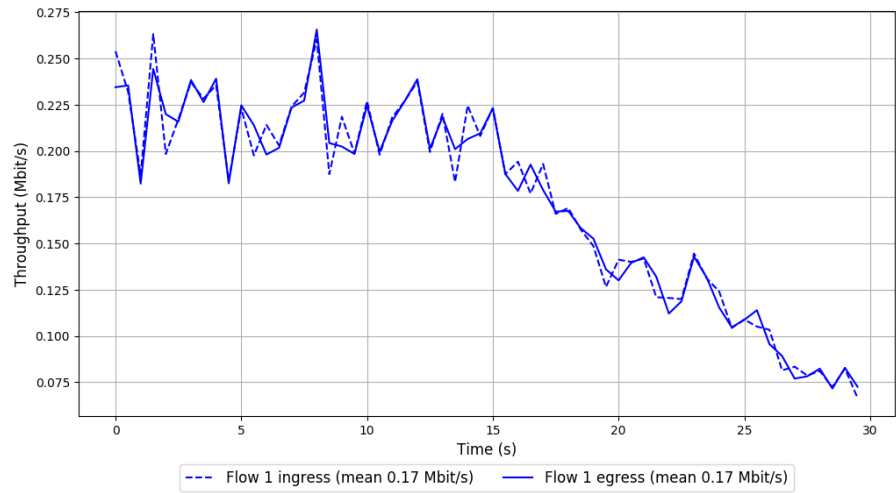
Run 3: Statistics of SCReAM

Start at: 2018-02-04 08:47:06  
End at: 2018-02-04 08:47:36  
Local clock offset: -2.546 ms  
Remote clock offset: -22.452 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.17 Mbit/s  
95th percentile per-packet one-way delay: 46.779 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 0.17 Mbit/s  
95th percentile per-packet one-way delay: 46.779 ms  
Loss rate: 0.26%



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

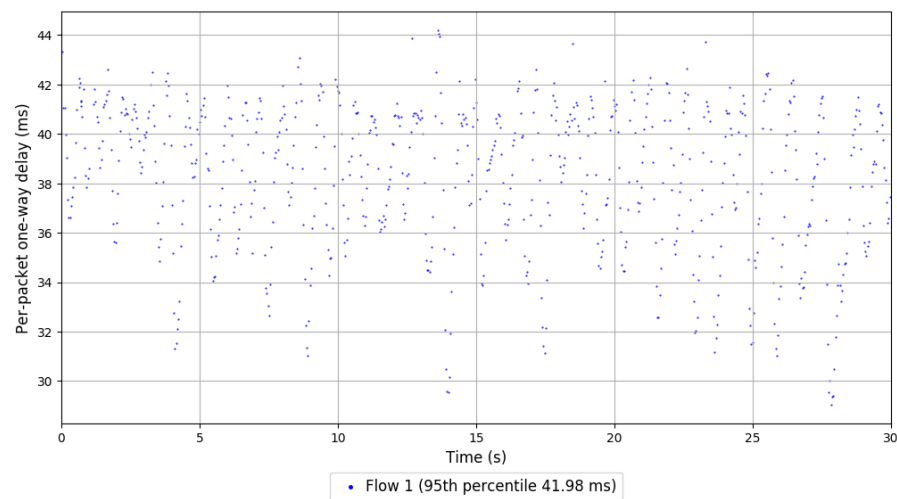
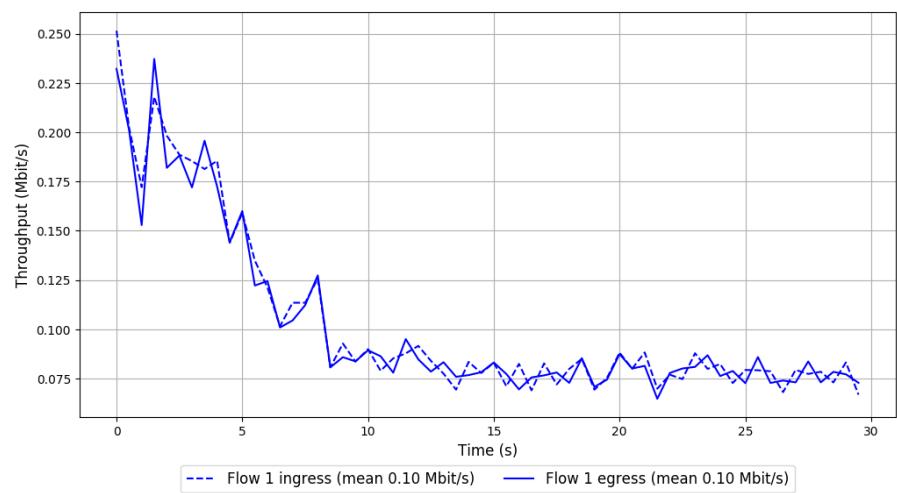


Run 4: Statistics of SCReAM

Start at: 2018-02-04 09:08:52  
End at: 2018-02-04 09:09:22  
Local clock offset: 2.097 ms  
Remote clock offset: -20.958 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.10 Mbit/s  
95th percentile per-packet one-way delay: 41.978 ms  
Loss rate: 1.38%  
-- Flow 1:  
Average throughput: 0.10 Mbit/s  
95th percentile per-packet one-way delay: 41.978 ms  
Loss rate: 1.38%

Run 4: Report of SReAM — Data Link

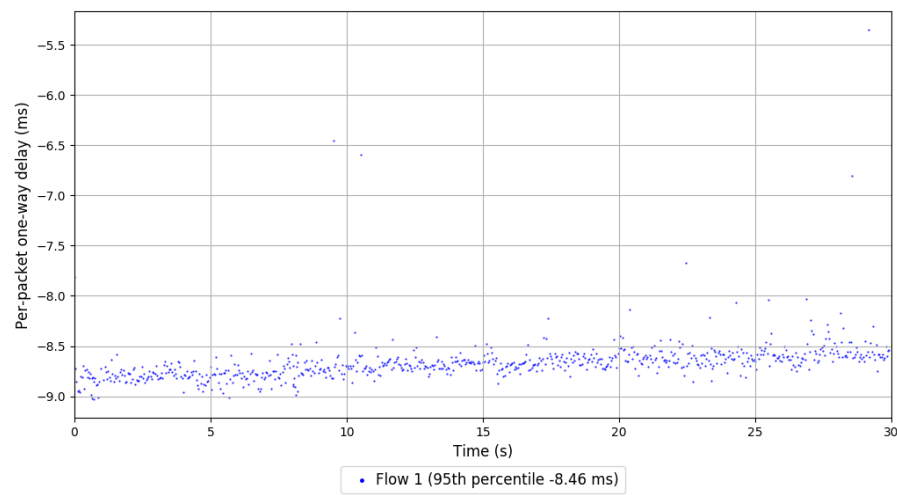
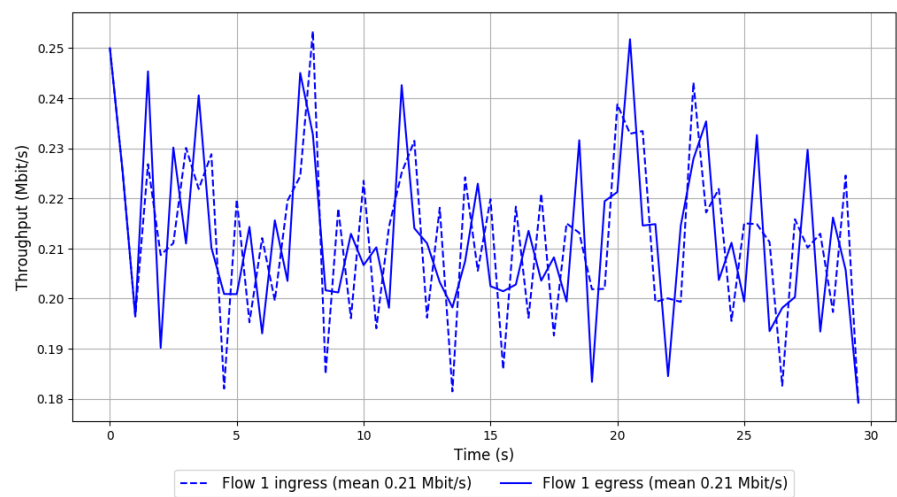


Run 5: Statistics of SCReAM

Start at: 2018-02-04 09:30:16  
End at: 2018-02-04 09:30:46  
Local clock offset: 2.146 ms  
Remote clock offset: -25.93 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -8.462 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -8.462 ms  
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

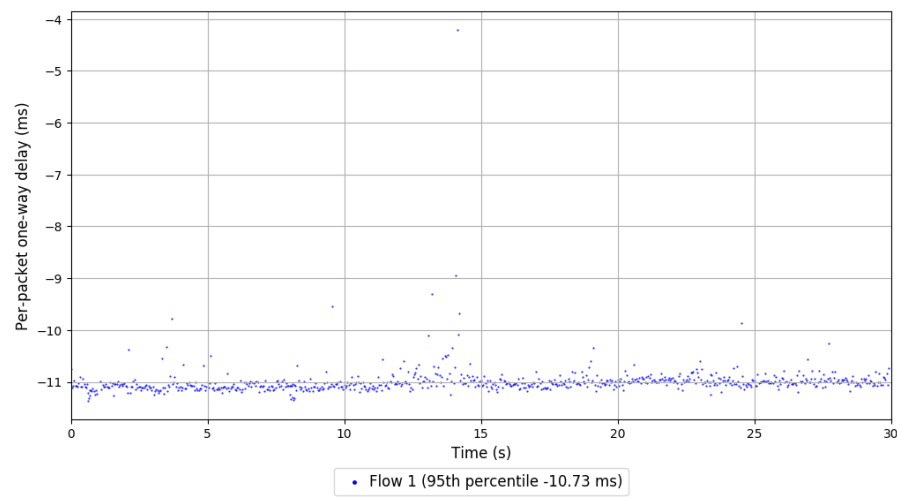
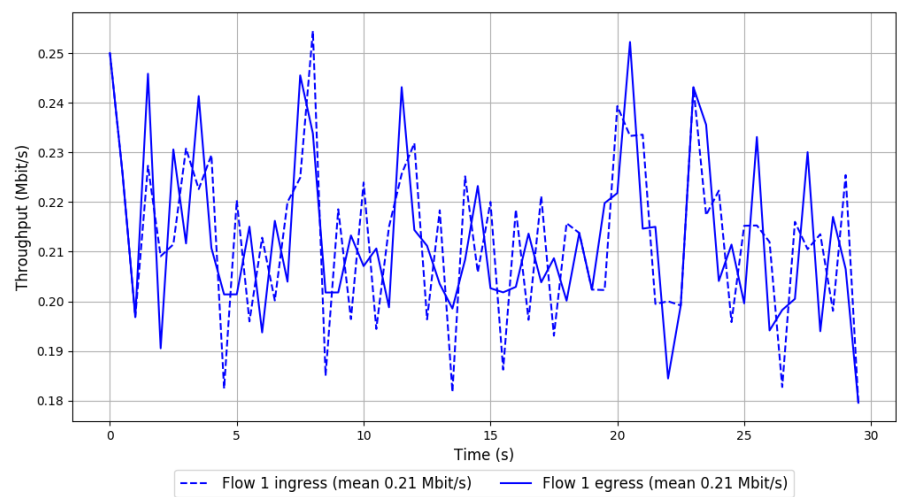


Run 6: Statistics of SCReAM

Start at: 2018-02-04 09:51:35  
End at: 2018-02-04 09:52:05  
Local clock offset: 2.738 ms  
Remote clock offset: -36.553 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -10.729 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -10.729 ms  
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



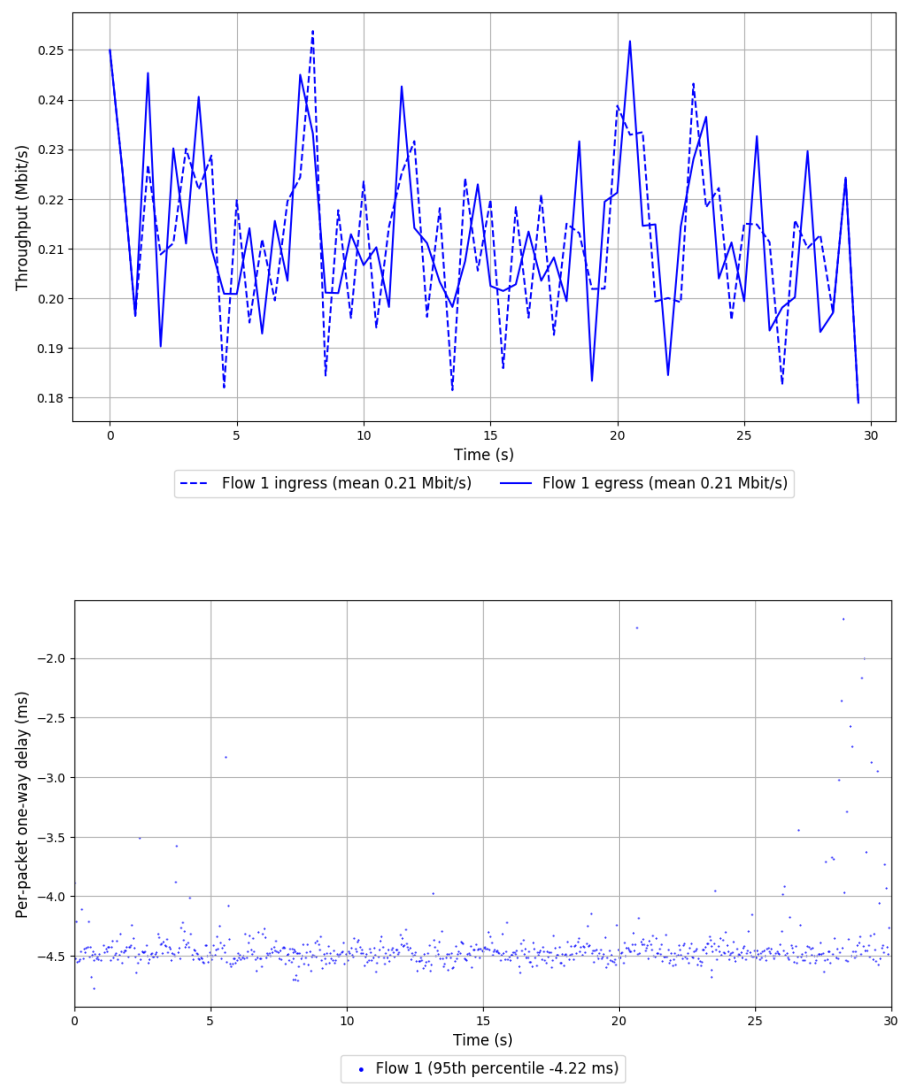
Run 7: Statistics of SCReAM

Start at: 2018-02-04 10:12:35  
End at: 2018-02-04 10:13:05  
Local clock offset: 2.294 ms  
Remote clock offset: -34.016 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -4.216 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: -4.216 ms  
Loss rate: 0.00%



Run 7: Report of SReAM — Data Link

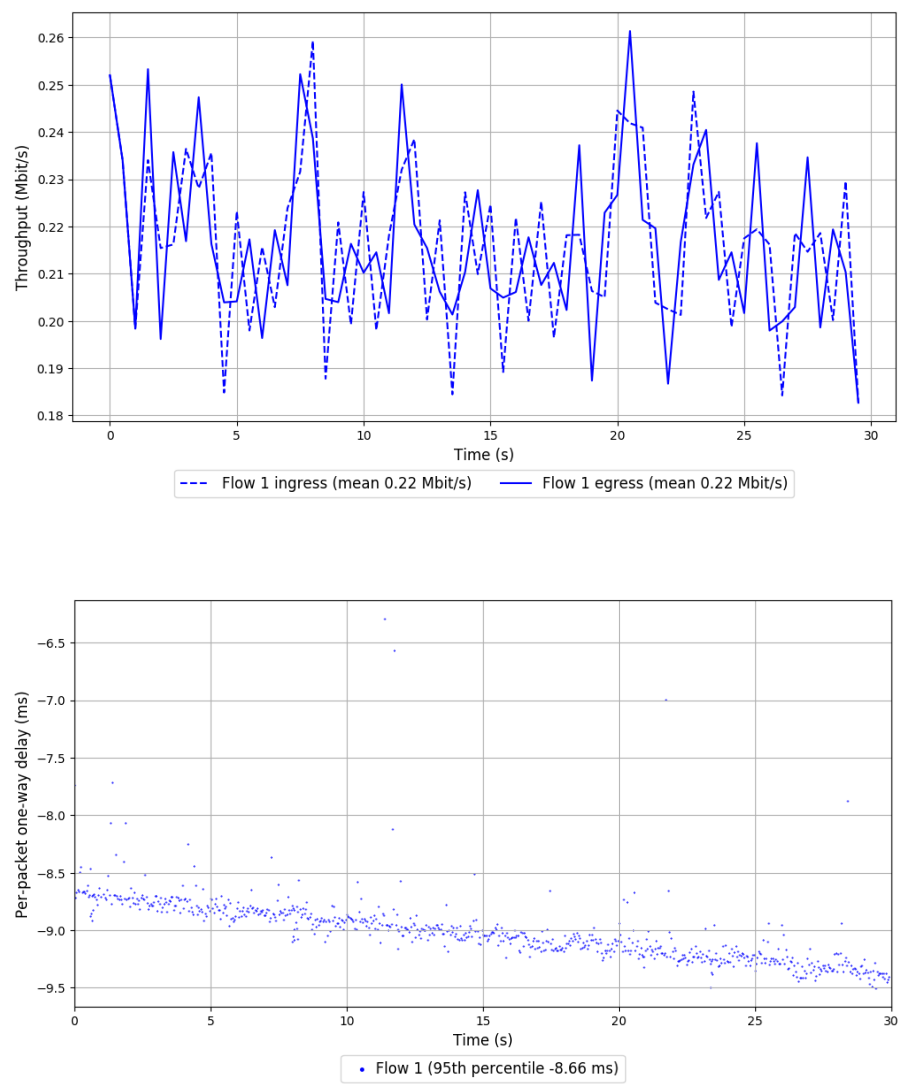


Run 8: Statistics of SCReAM

Start at: 2018-02-04 10:33:38  
End at: 2018-02-04 10:34:08  
Local clock offset: 2.814 ms  
Remote clock offset: -34.316 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -8.665 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -8.665 ms  
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

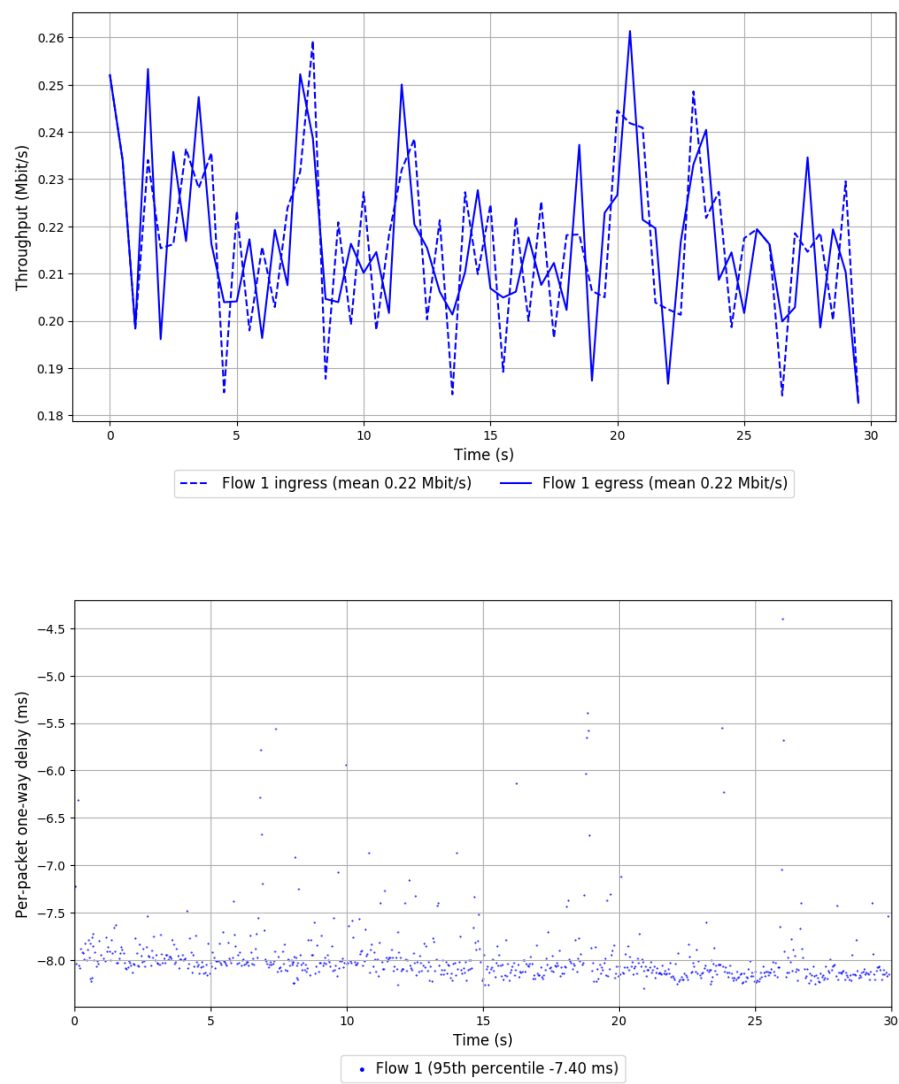


Run 9: Statistics of SCReAM

Start at: 2018-02-04 10:54:35  
End at: 2018-02-04 10:55:05  
Local clock offset: 3.041 ms  
Remote clock offset: -19.389 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -7.401 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -7.401 ms  
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

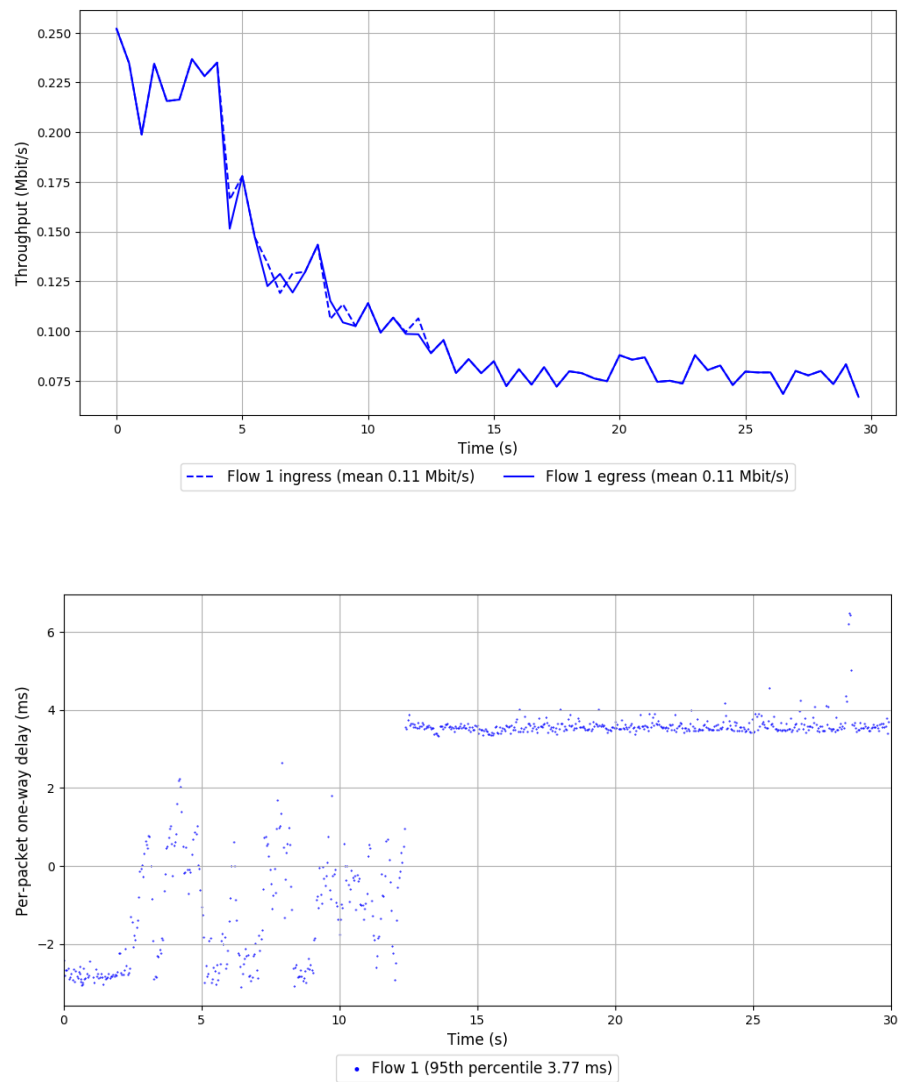


Run 10: Statistics of SCReAM

Start at: 2018-02-04 11:15:50  
End at: 2018-02-04 11:16:20  
Local clock offset: 1.701 ms  
Remote clock offset: -18.592 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.11 Mbit/s  
95th percentile per-packet one-way delay: 3.774 ms  
Loss rate: 0.52%  
-- Flow 1:  
Average throughput: 0.11 Mbit/s  
95th percentile per-packet one-way delay: 3.774 ms  
Loss rate: 0.52%

Run 10: Report of SCRAM — Data Link



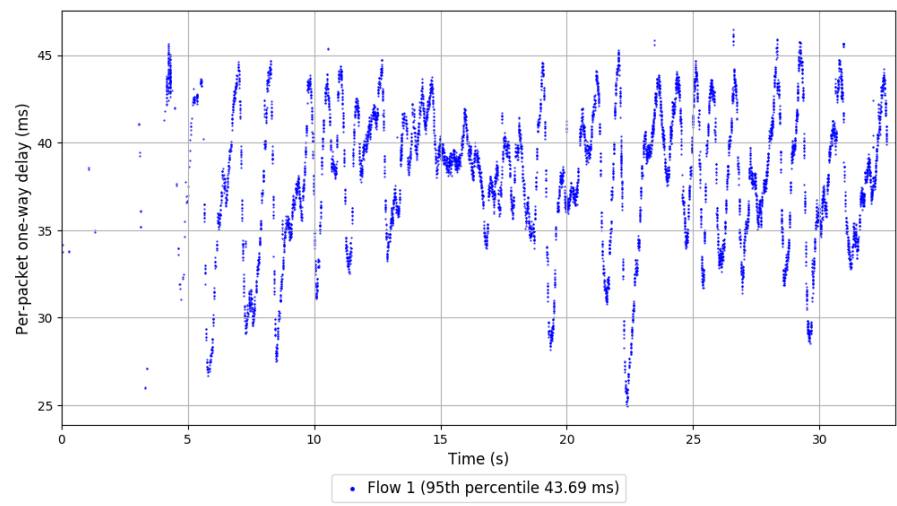
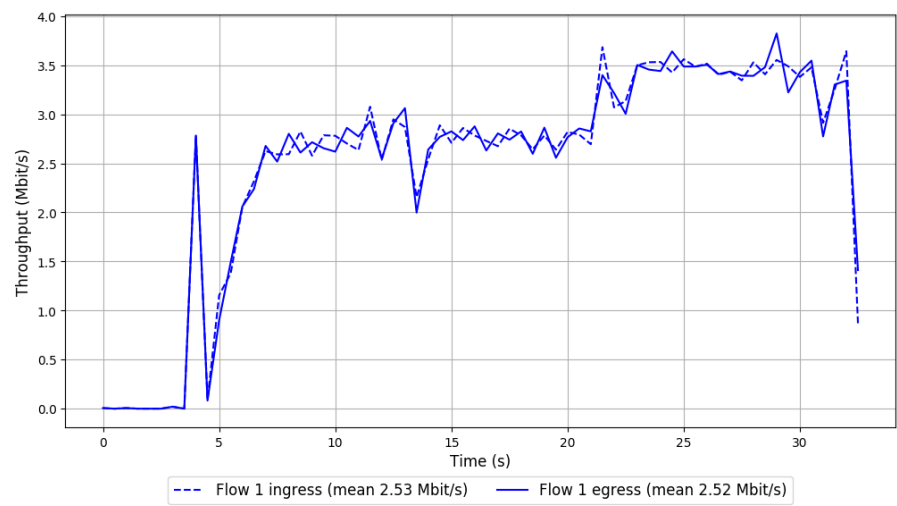
Run 1: Statistics of WebRTC media

Start at: 2018-02-04 07:59:28  
End at: 2018-02-04 07:59:58  
Local clock offset: 2.302 ms  
Remote clock offset: -25.912 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.52 Mbit/s  
95th percentile per-packet one-way delay: 43.689 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 2.52 Mbit/s  
95th percentile per-packet one-way delay: 43.689 ms  
Loss rate: 0.10%



Run 1: Report of WebRTC media — Data Link

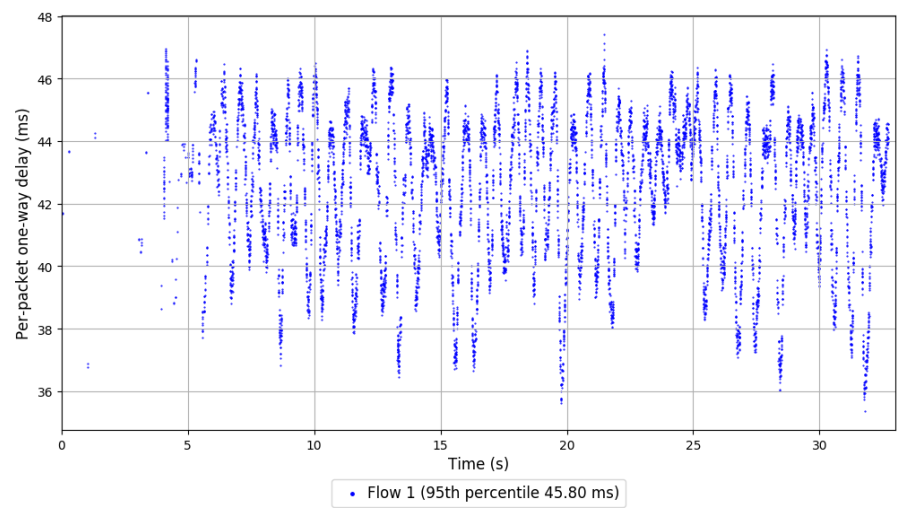
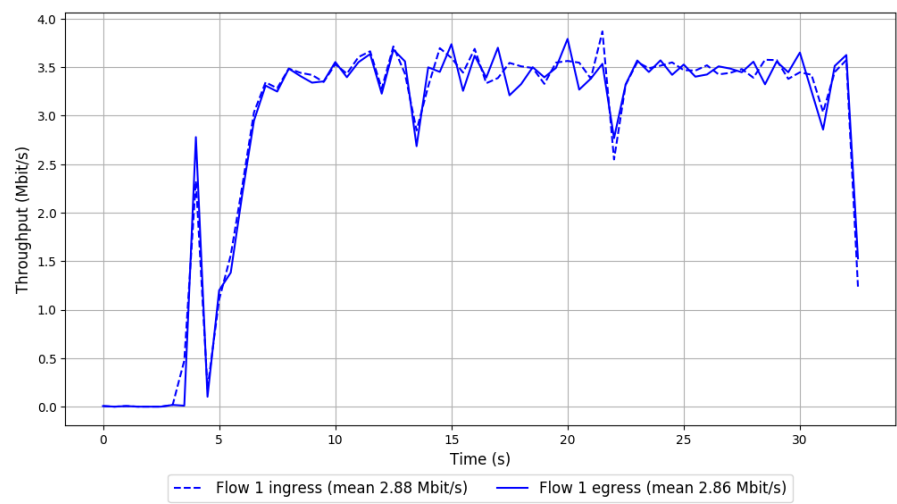


Run 2: Statistics of WebRTC media

Start at: 2018-02-04 08:22:08  
End at: 2018-02-04 08:22:38  
Local clock offset: 2.169 ms  
Remote clock offset: -22.188 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.86 Mbit/s  
95th percentile per-packet one-way delay: 45.802 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 2.86 Mbit/s  
95th percentile per-packet one-way delay: 45.802 ms  
Loss rate: 0.57%

Run 2: Report of WebRTC media — Data Link

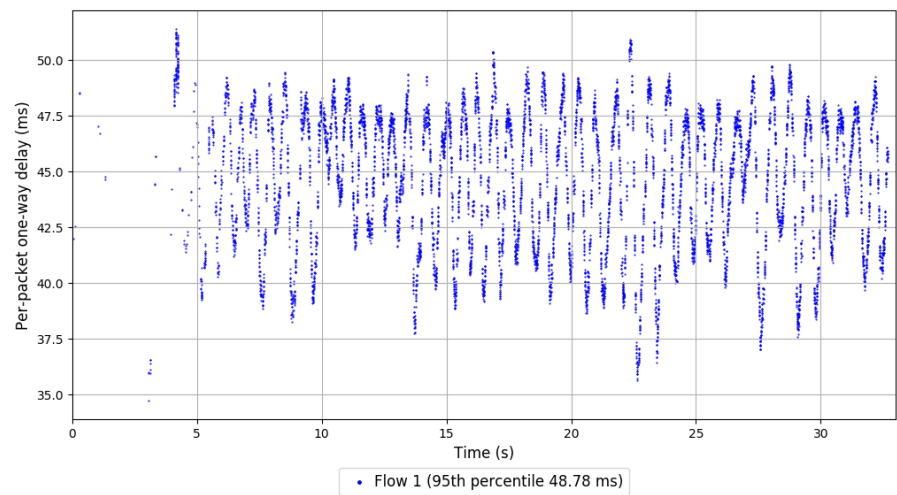
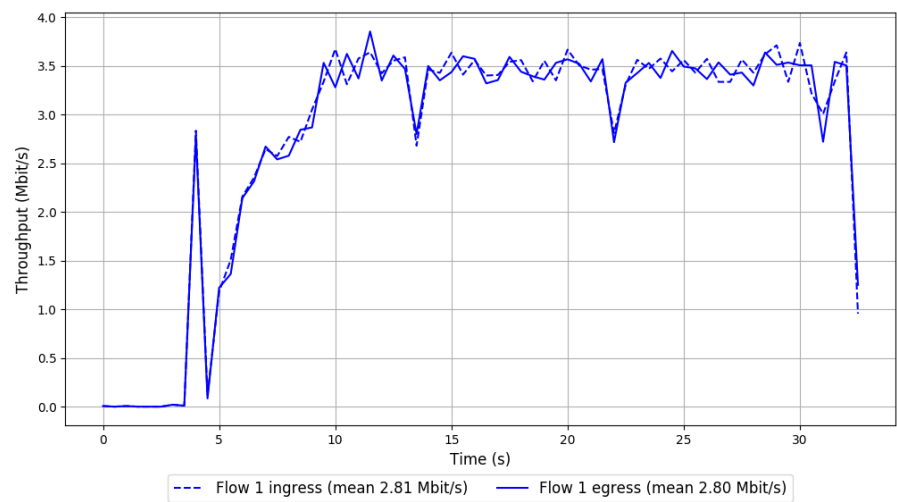


Run 3: Statistics of WebRTC media

Start at: 2018-02-04 08:44:34  
End at: 2018-02-04 08:45:04  
Local clock offset: -0.423 ms  
Remote clock offset: -18.949 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.80 Mbit/s  
95th percentile per-packet one-way delay: 48.783 ms  
Loss rate: 0.50%  
-- Flow 1:  
Average throughput: 2.80 Mbit/s  
95th percentile per-packet one-way delay: 48.783 ms  
Loss rate: 0.50%

Run 3: Report of WebRTC media — Data Link

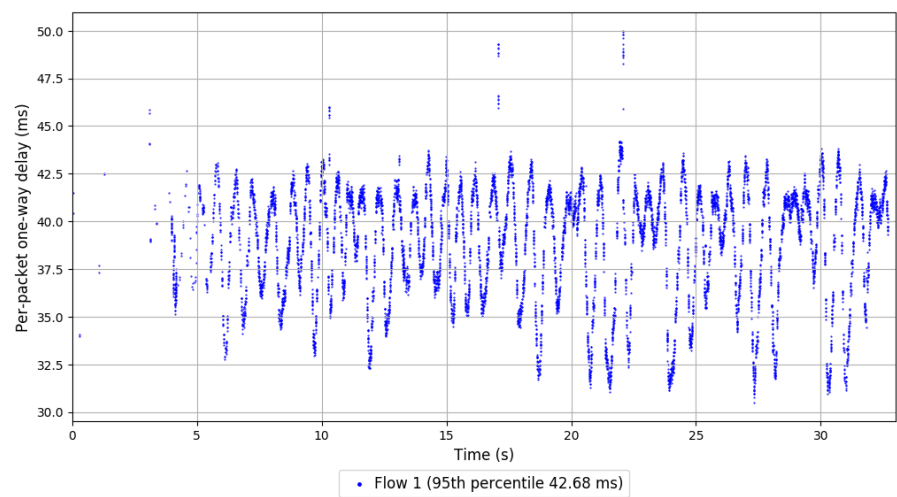
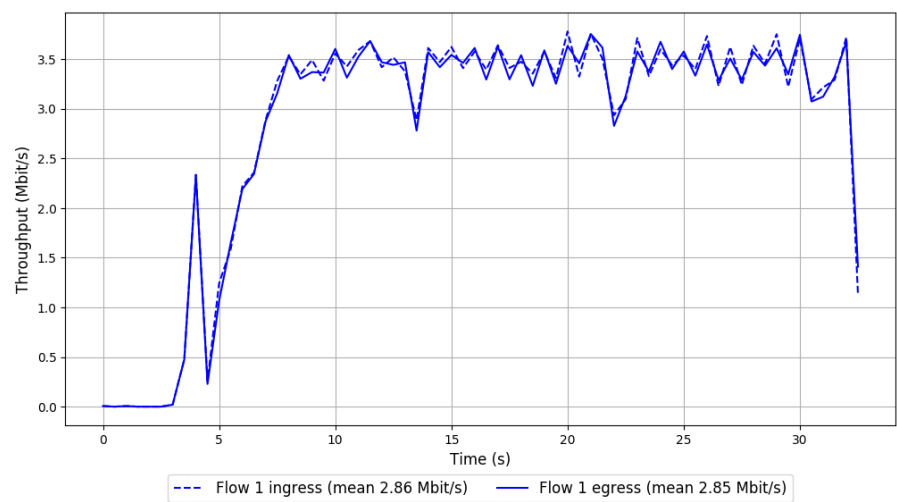


Run 4: Statistics of WebRTC media

Start at: 2018-02-04 09:06:23  
End at: 2018-02-04 09:06:53  
Local clock offset: -1.101 ms  
Remote clock offset: -24.29 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.85 Mbit/s  
95th percentile per-packet one-way delay: 42.676 ms  
Loss rate: 0.56%  
-- Flow 1:  
Average throughput: 2.85 Mbit/s  
95th percentile per-packet one-way delay: 42.676 ms  
Loss rate: 0.56%

Run 4: Report of WebRTC media — Data Link



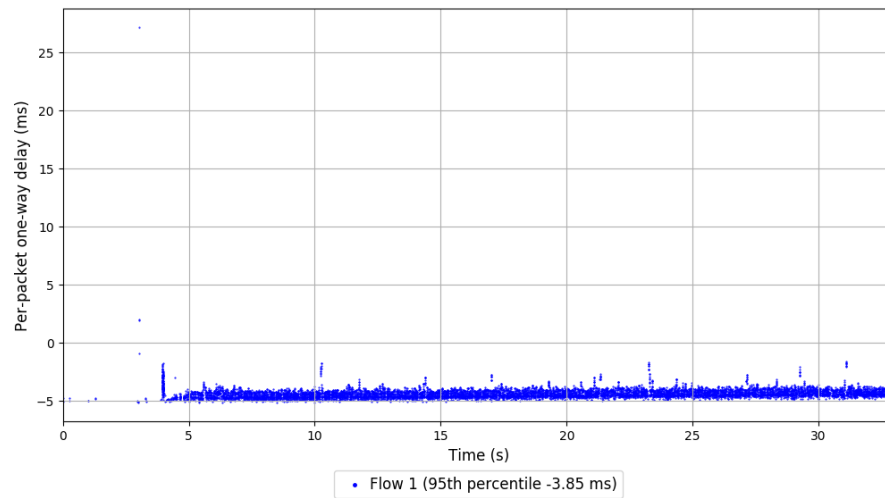
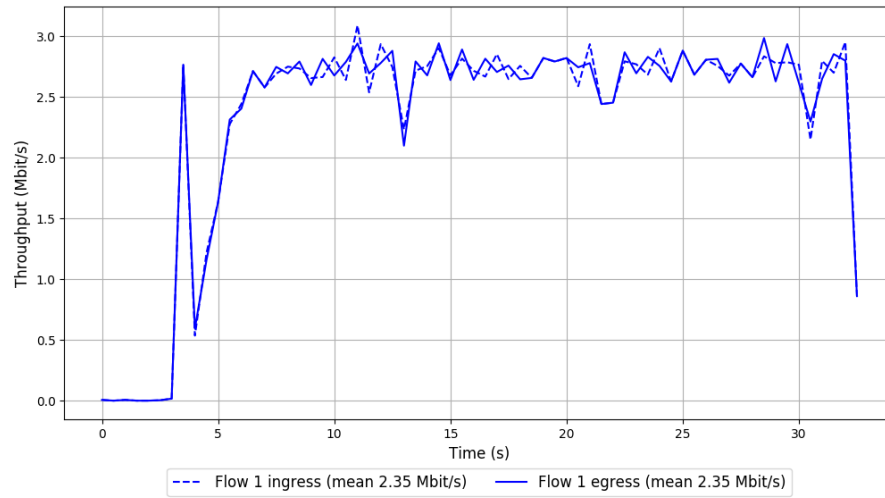
Run 5: Statistics of WebRTC media

Start at: 2018-02-04 09:27:59  
End at: 2018-02-04 09:28:29  
Local clock offset: -1.259 ms  
Remote clock offset: -23.954 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.35 Mbit/s  
95th percentile per-packet one-way delay: -3.846 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.35 Mbit/s  
95th percentile per-packet one-way delay: -3.846 ms  
Loss rate: 0.00%



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

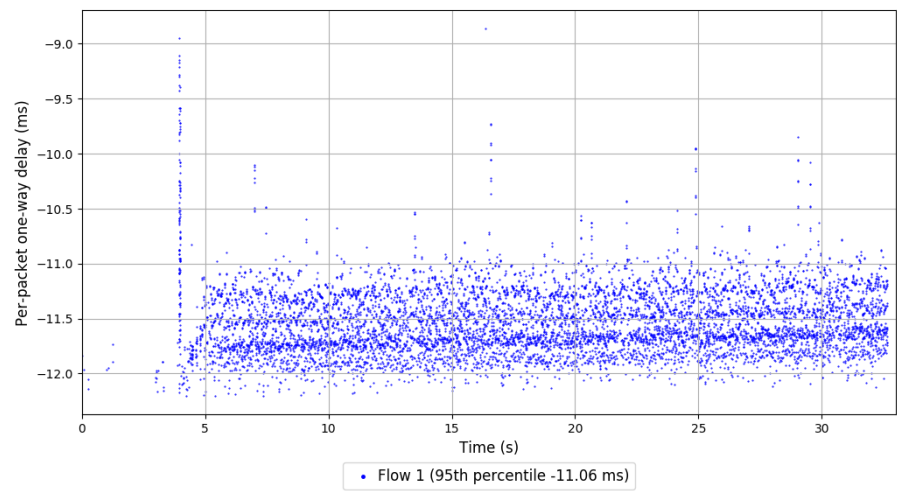
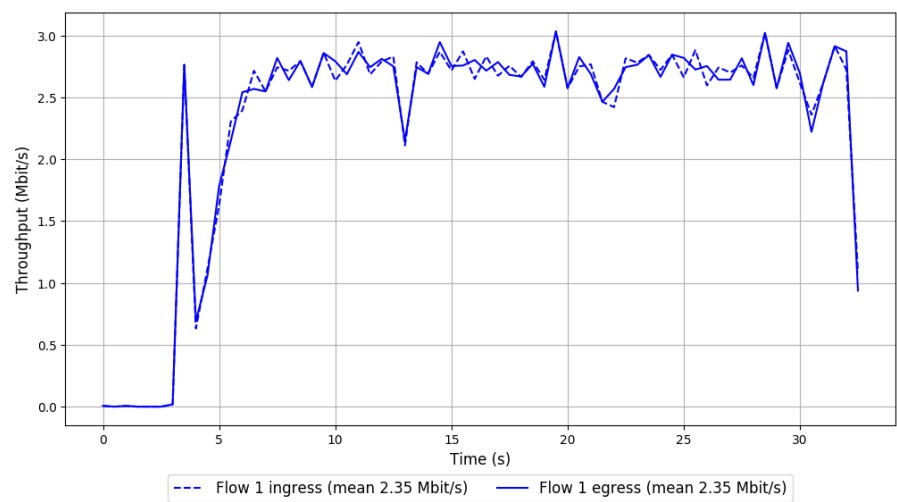


Run 6: Statistics of WebRTC media

Start at: 2018-02-04 09:49:17  
End at: 2018-02-04 09:49:47  
Local clock offset: 4.444 ms  
Remote clock offset: -34.994 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.35 Mbit/s  
95th percentile per-packet one-way delay: -11.058 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.35 Mbit/s  
95th percentile per-packet one-way delay: -11.058 ms  
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

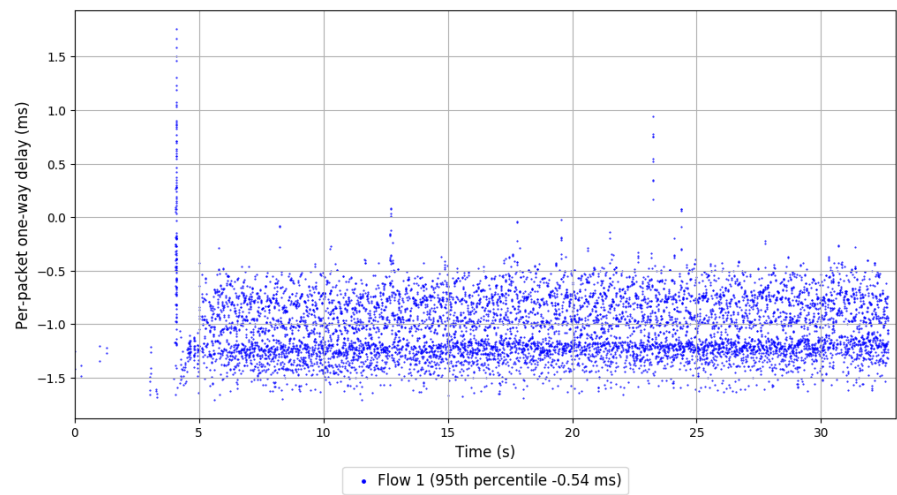
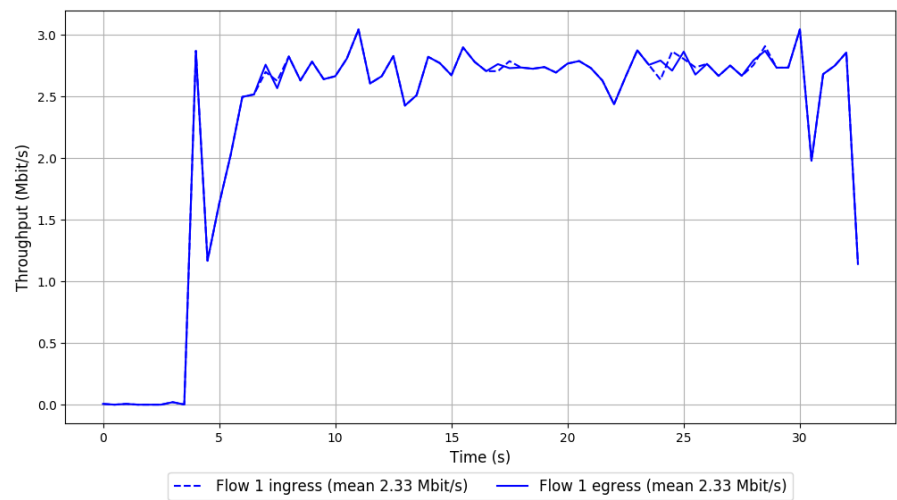


Run 7: Statistics of WebRTC media

Start at: 2018-02-04 10:10:20  
End at: 2018-02-04 10:10:50  
Local clock offset: 0.538 ms  
Remote clock offset: -32.408 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.33 Mbit/s  
95th percentile per-packet one-way delay: -0.541 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.33 Mbit/s  
95th percentile per-packet one-way delay: -0.541 ms  
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

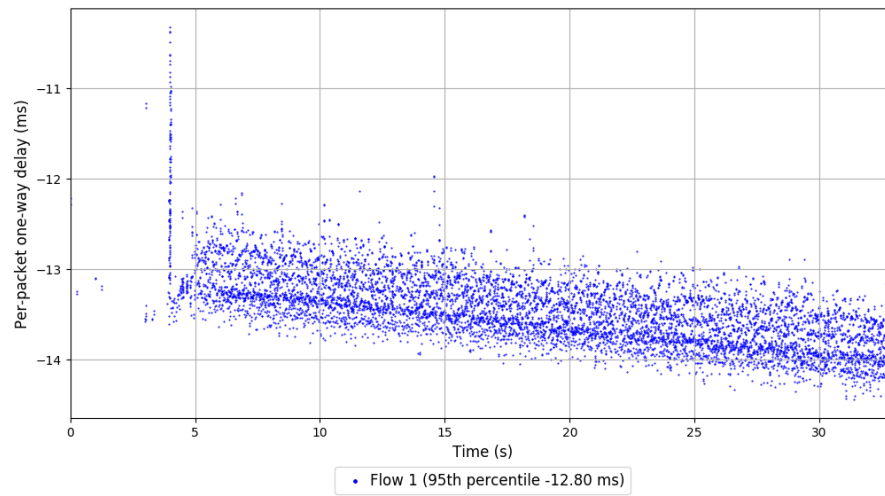
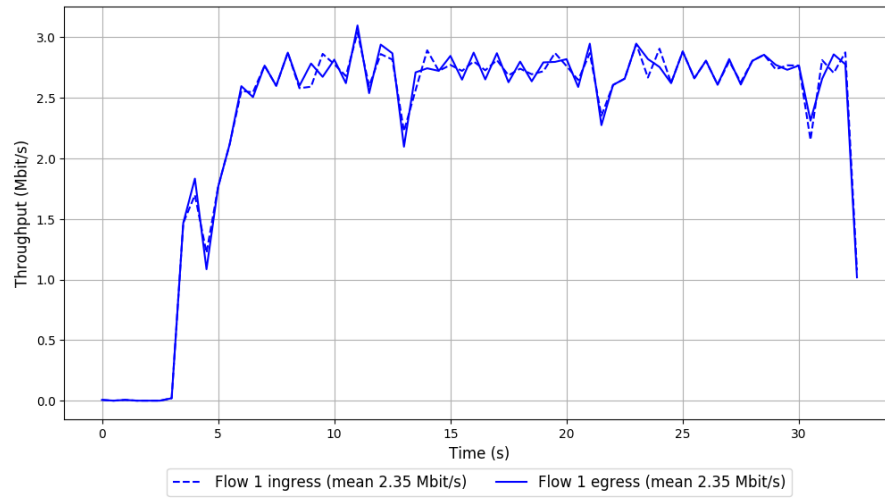


Run 8: Statistics of WebRTC media

Start at: 2018-02-04 10:31:19  
End at: 2018-02-04 10:31:49  
Local clock offset: 4.668 ms  
Remote clock offset: -40.689 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.35 Mbit/s  
95th percentile per-packet one-way delay: -12.803 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.35 Mbit/s  
95th percentile per-packet one-way delay: -12.803 ms  
Loss rate: 0.00%

# Run 8: Report of WebRTC media — Data Link



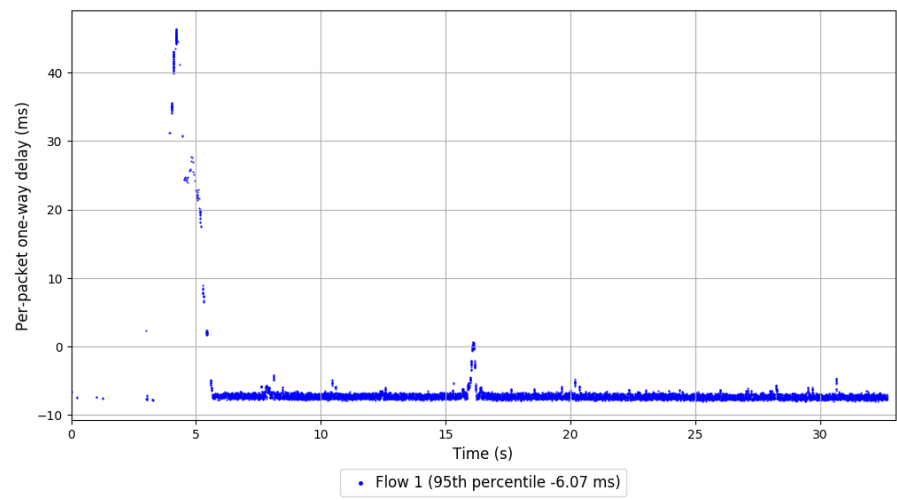
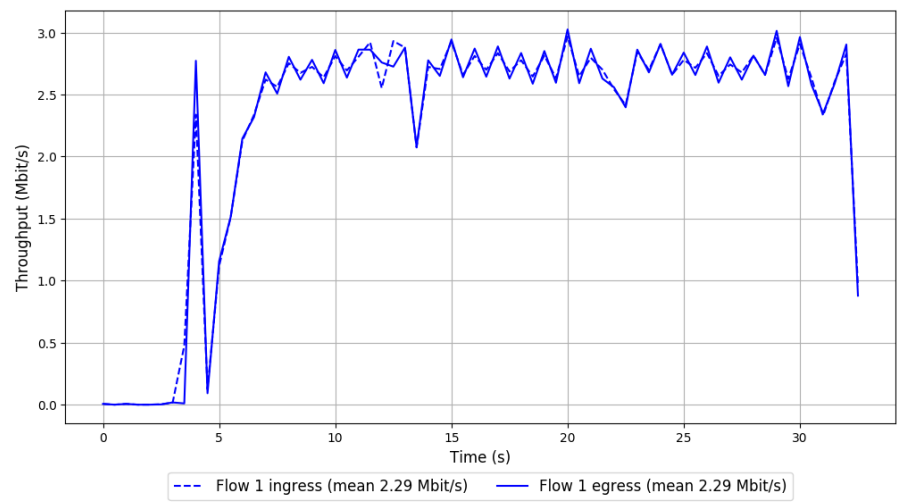
Run 9: Statistics of WebRTC media

Start at: 2018-02-04 10:52:16  
End at: 2018-02-04 10:52:46  
Local clock offset: 3.25 ms  
Remote clock offset: -19.462 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: -6.070 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: -6.070 ms  
Loss rate: 0.02%



Run 9: Report of WebRTC media — Data Link

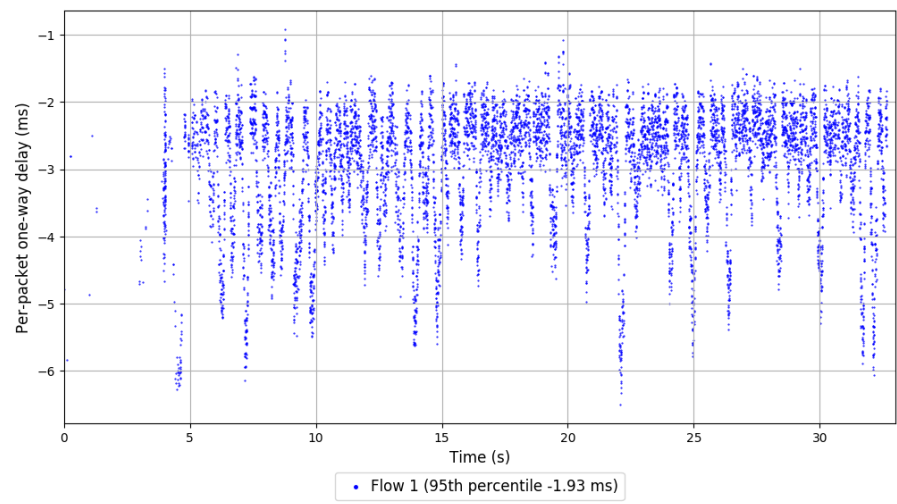
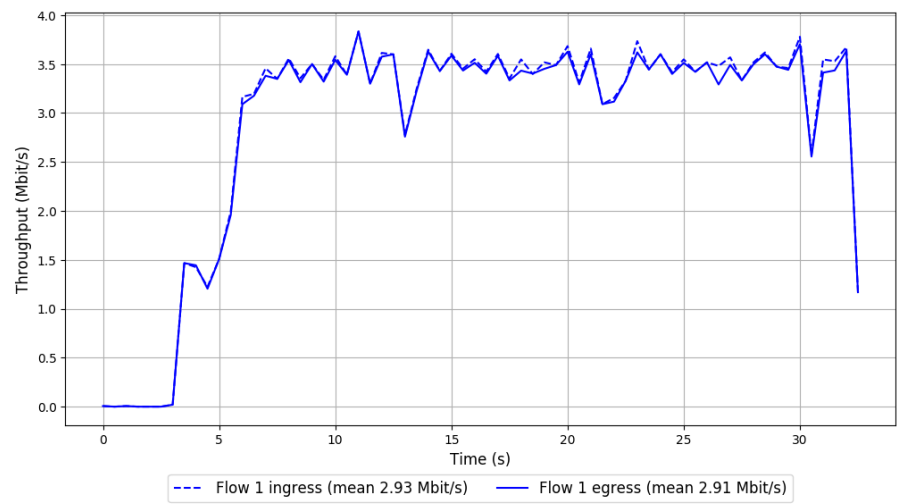


Run 10: Statistics of WebRTC media

Start at: 2018-02-04 11:13:28  
End at: 2018-02-04 11:13:58  
Local clock offset: 3.709 ms  
Remote clock offset: -19.935 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.91 Mbit/s  
95th percentile per-packet one-way delay: -1.927 ms  
Loss rate: 0.92%  
-- Flow 1:  
Average throughput: 2.91 Mbit/s  
95th percentile per-packet one-way delay: -1.927 ms  
Loss rate: 0.92%

Run 10: Report of WebRTC media — Data Link

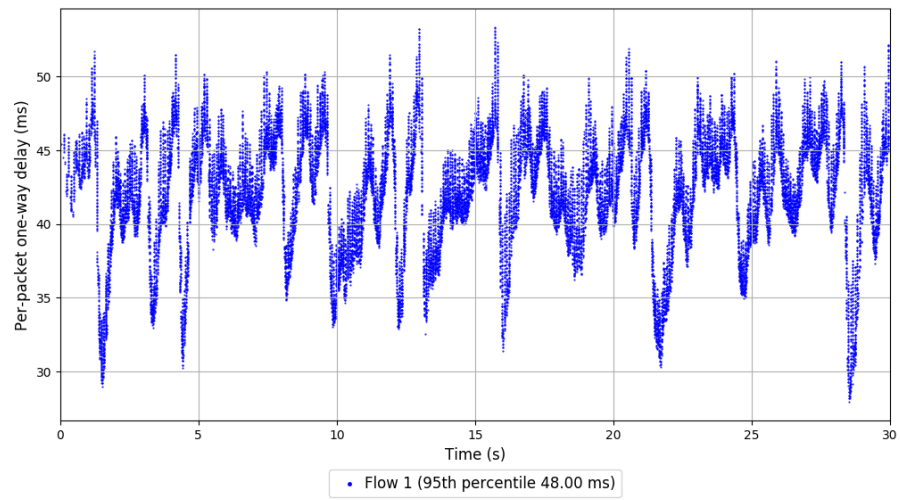
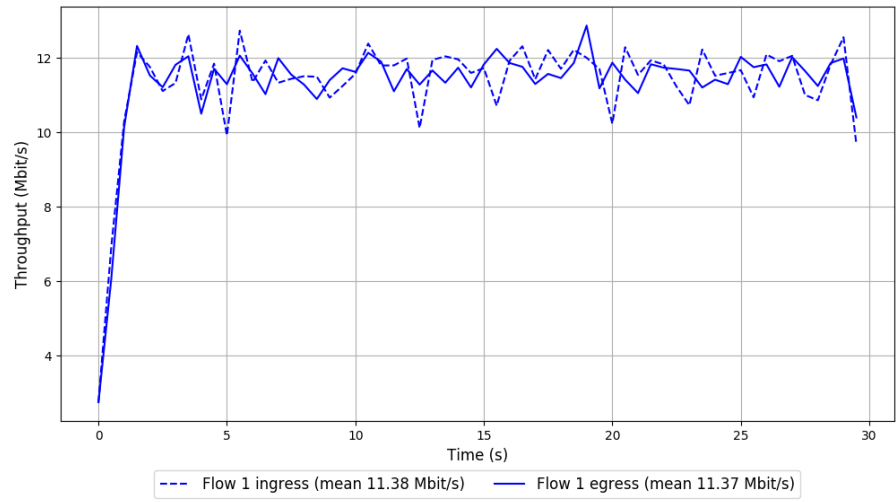


Run 1: Statistics of Sprout

Start at: 2018-02-04 07:48:29  
End at: 2018-02-04 07:48:59  
Local clock offset: 3.088 ms  
Remote clock offset: -23.468 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 11.37 Mbit/s  
95th percentile per-packet one-way delay: 48.002 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 11.37 Mbit/s  
95th percentile per-packet one-way delay: 48.002 ms  
Loss rate: 0.11%

# Run 1: Report of Sprout — Data Link

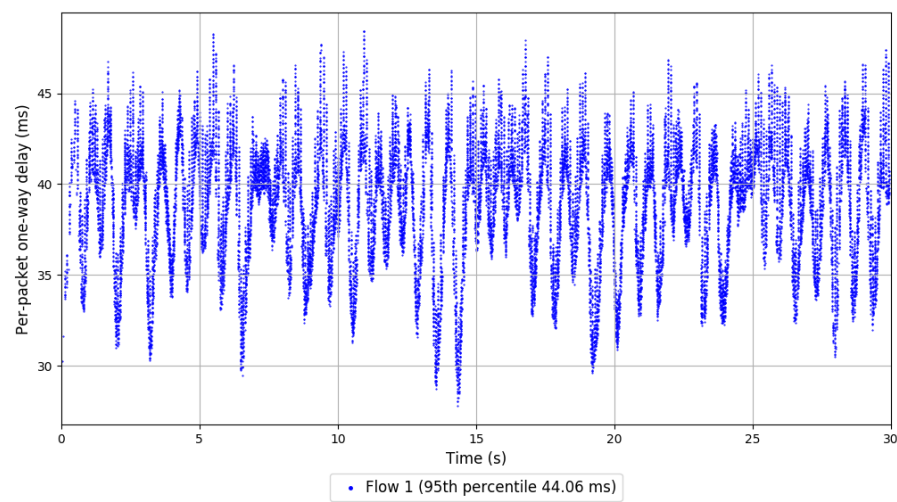
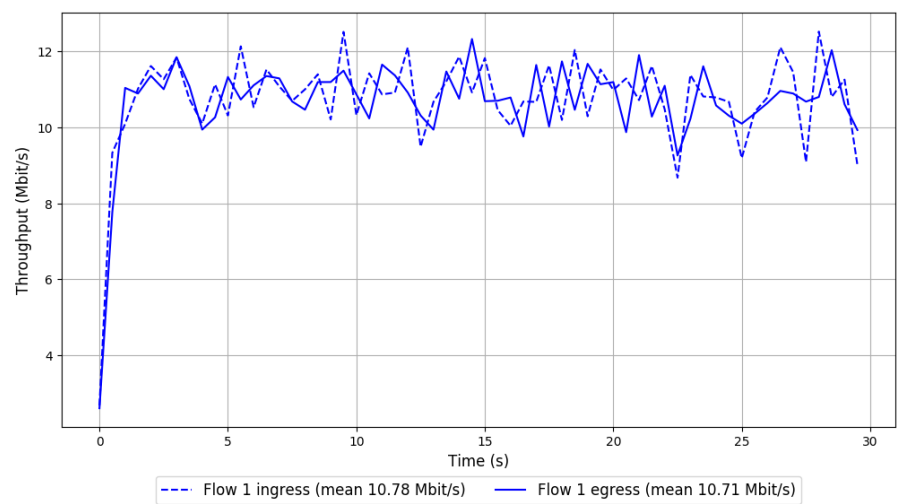


Run 2: Statistics of Sprout

Start at: 2018-02-04 08:11:02  
End at: 2018-02-04 08:11:32  
Local clock offset: 4.208 ms  
Remote clock offset: -26.409 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.71 Mbit/s  
95th percentile per-packet one-way delay: 44.064 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 10.71 Mbit/s  
95th percentile per-packet one-way delay: 44.064 ms  
Loss rate: 0.62%

Run 2: Report of Sprout — Data Link



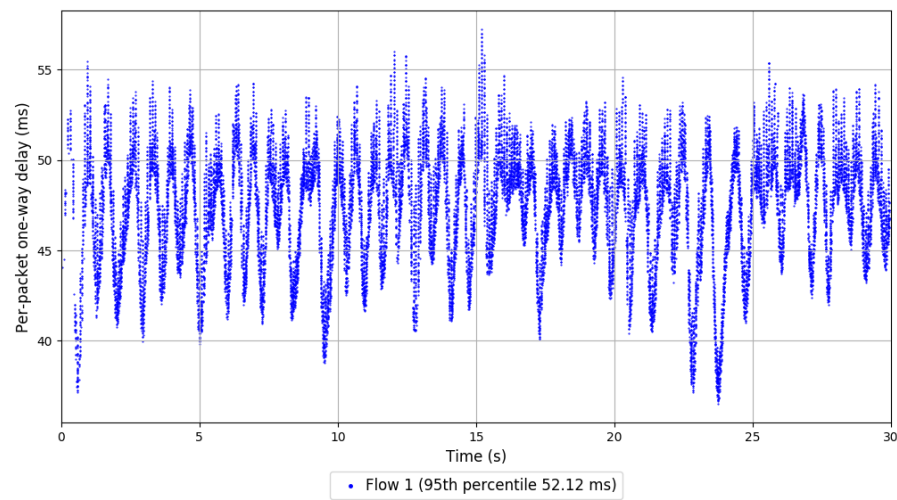
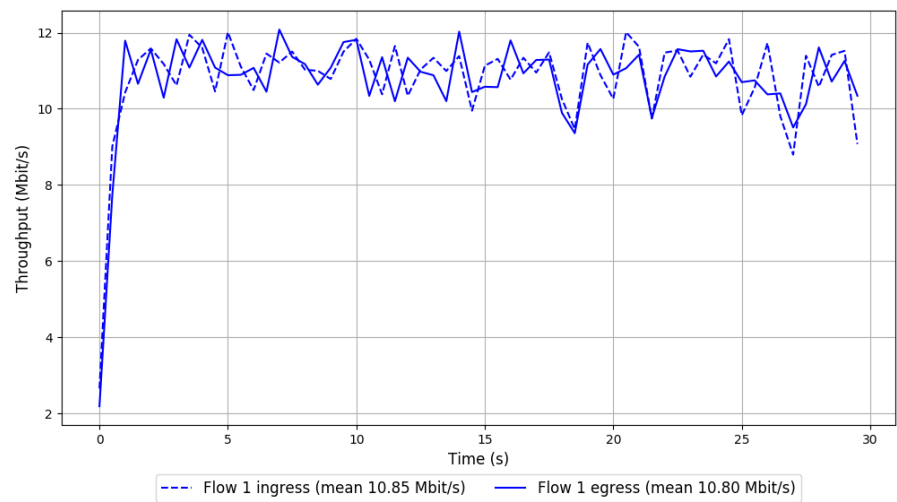
Run 3: Statistics of Sprout

Start at: 2018-02-04 08:33:24  
End at: 2018-02-04 08:33:54  
Local clock offset: -2.23 ms  
Remote clock offset: -20.482 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.80 Mbit/s  
95th percentile per-packet one-way delay: 52.115 ms  
Loss rate: 0.48%  
-- Flow 1:  
Average throughput: 10.80 Mbit/s  
95th percentile per-packet one-way delay: 52.115 ms  
Loss rate: 0.48%



Run 3: Report of Sprout — Data Link

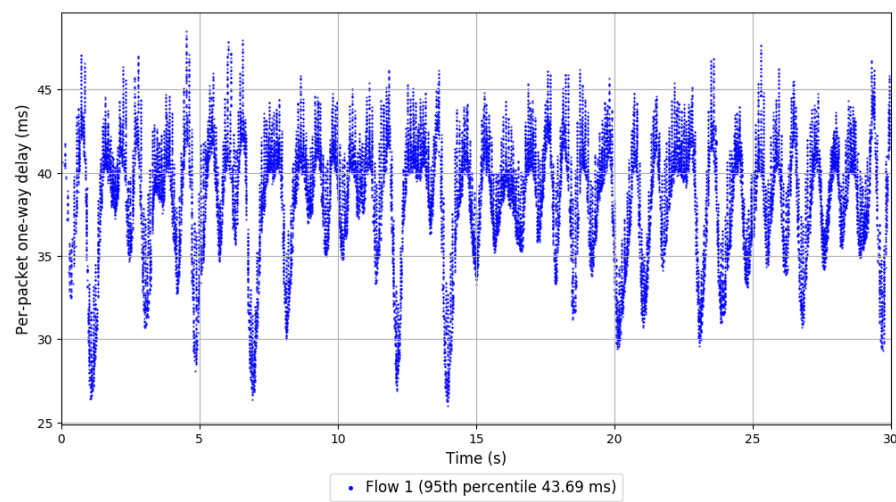
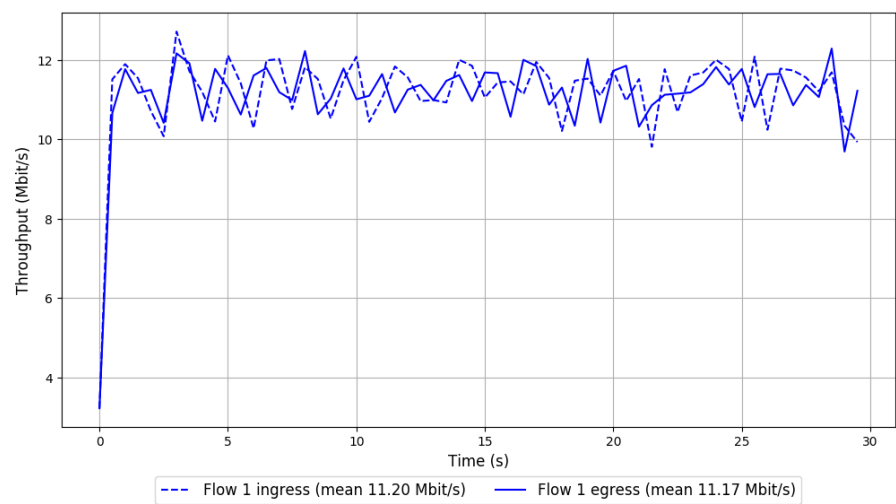


Run 4: Statistics of Sprout

Start at: 2018-02-04 08:55:36  
End at: 2018-02-04 08:56:06  
Local clock offset: 2.824 ms  
Remote clock offset: -21.805 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 11.17 Mbit/s  
95th percentile per-packet one-way delay: 43.685 ms  
Loss rate: 0.32%  
-- Flow 1:  
Average throughput: 11.17 Mbit/s  
95th percentile per-packet one-way delay: 43.685 ms  
Loss rate: 0.32%

Run 4: Report of Sprout — Data Link

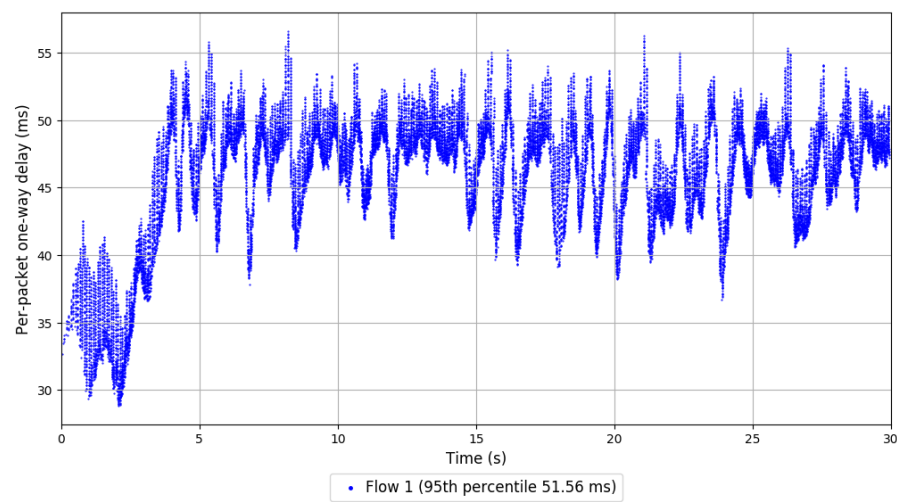
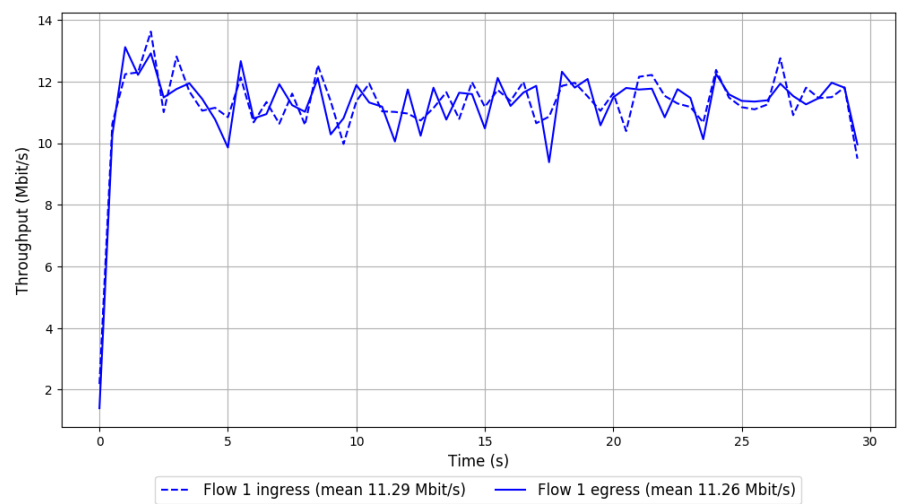


Run 5: Statistics of Sprout

Start at: 2018-02-04 09:17:14  
End at: 2018-02-04 09:17:44  
Local clock offset: -3.352 ms  
Remote clock offset: -18.011 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 11.26 Mbit/s  
95th percentile per-packet one-way delay: 51.565 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 11.26 Mbit/s  
95th percentile per-packet one-way delay: 51.565 ms  
Loss rate: 0.27%

Run 5: Report of Sprout — Data Link

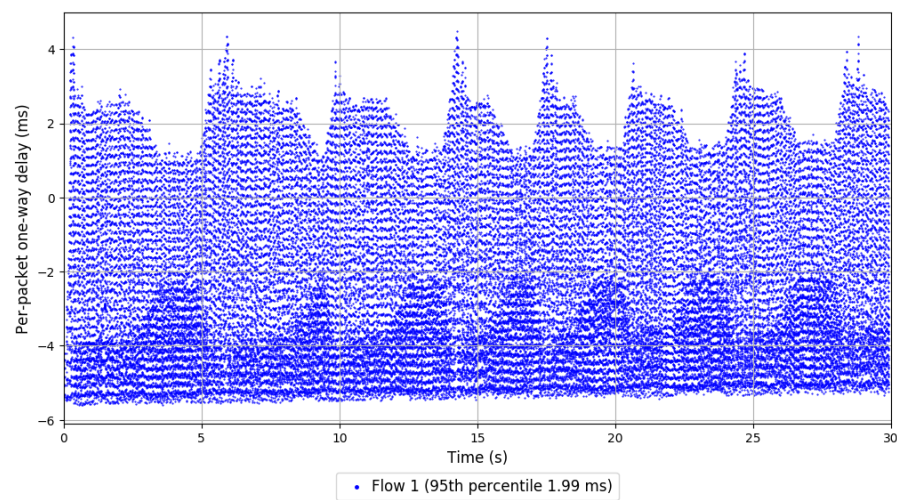
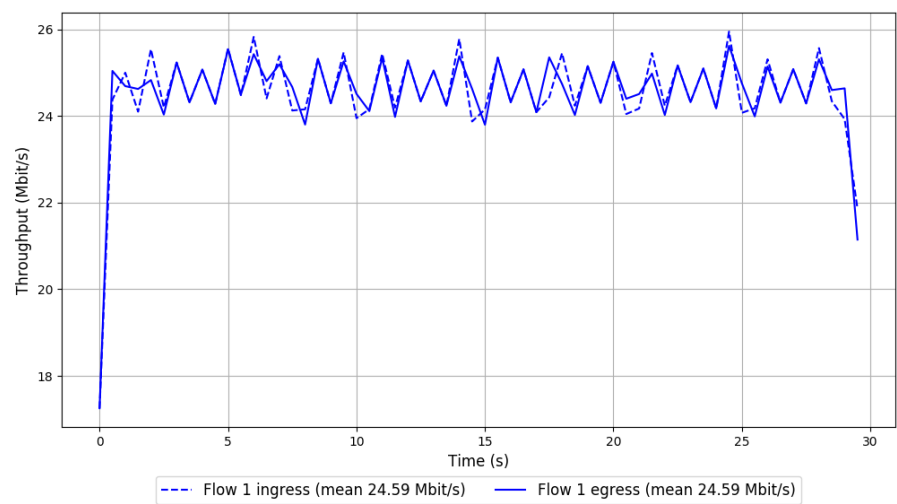


Run 6: Statistics of Sprout

Start at: 2018-02-04 09:38:36  
End at: 2018-02-04 09:39:06  
Local clock offset: -1.68 ms  
Remote clock offset: -30.046 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.59 Mbit/s  
95th percentile per-packet one-way delay: 1.987 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.59 Mbit/s  
95th percentile per-packet one-way delay: 1.987 ms  
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



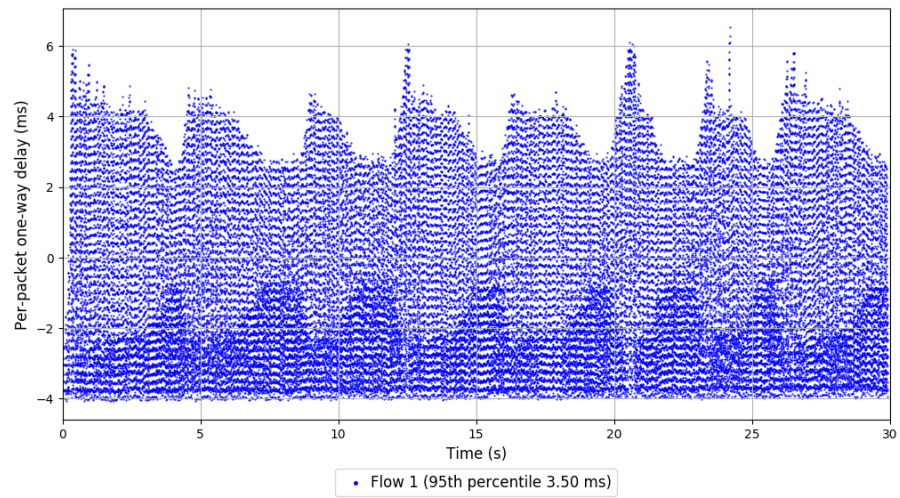
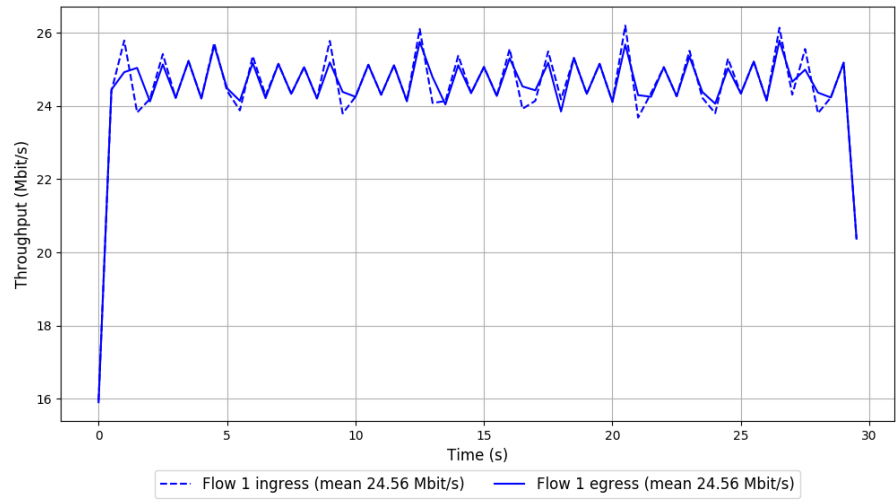
Run 7: Statistics of Sprout

Start at: 2018-02-04 09:59:49  
End at: 2018-02-04 10:00:19  
Local clock offset: -0.307 ms  
Remote clock offset: -34.178 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.56 Mbit/s  
95th percentile per-packet one-way delay: 3.501 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.56 Mbit/s  
95th percentile per-packet one-way delay: 3.501 ms  
Loss rate: 0.00%



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

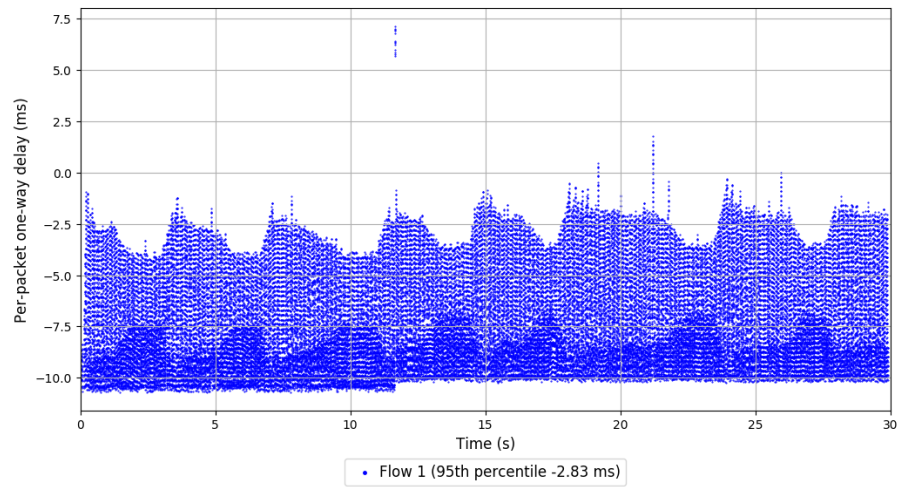
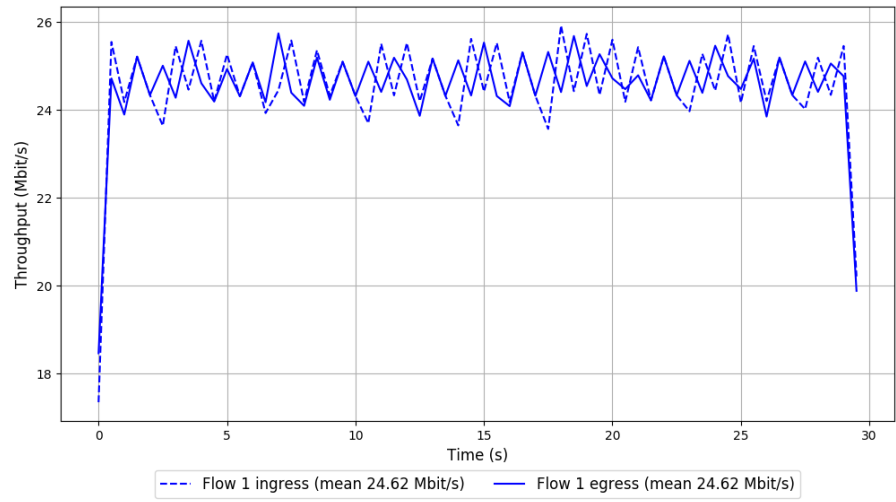


Run 8: Statistics of Sprout

Start at: 2018-02-04 10:20:52  
End at: 2018-02-04 10:21:22  
Local clock offset: 1.928 ms  
Remote clock offset: -40.852 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.62 Mbit/s  
95th percentile per-packet one-way delay: -2.829 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.62 Mbit/s  
95th percentile per-packet one-way delay: -2.829 ms  
Loss rate: 0.00%

# Run 8: Report of Sprout — Data Link

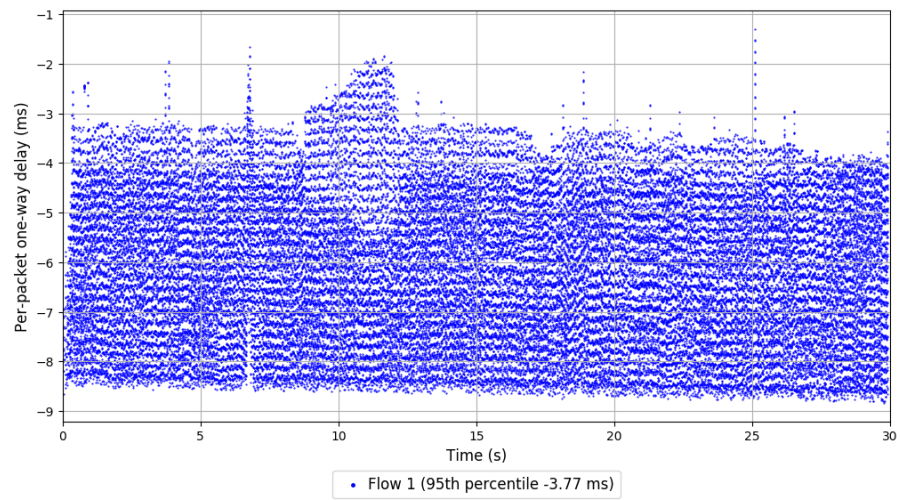
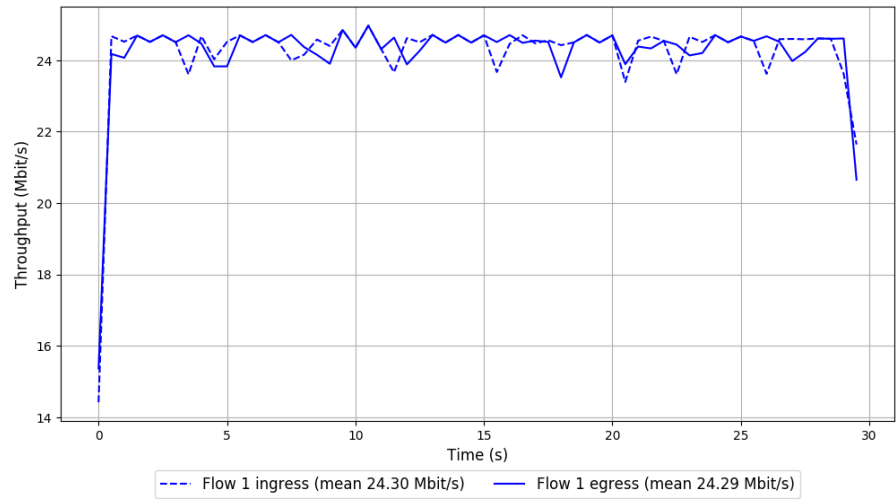


Run 9: Statistics of Sprout

Start at: 2018-02-04 10:41:47  
End at: 2018-02-04 10:42:17  
Local clock offset: 3.716 ms  
Remote clock offset: -24.99 ms

# Below is generated by plot.py at 2018-02-04 11:52:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.29 Mbit/s  
95th percentile per-packet one-way delay: -3.767 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.29 Mbit/s  
95th percentile per-packet one-way delay: -3.767 ms  
Loss rate: 0.00%

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

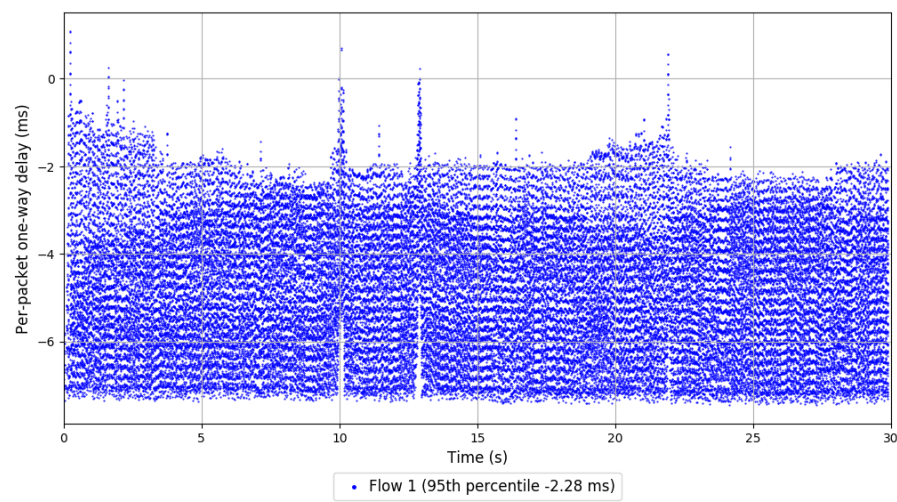
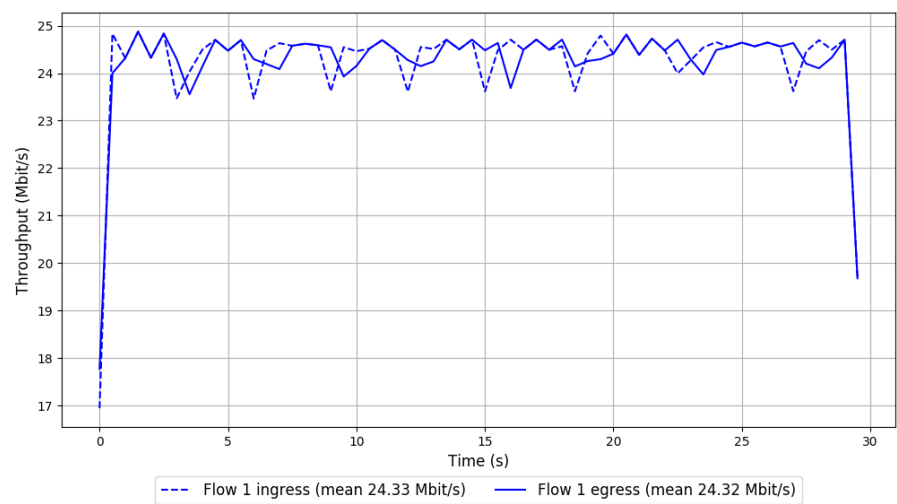


Run 10: Statistics of Sprout

Start at: 2018-02-04 11:02:56  
End at: 2018-02-04 11:03:26  
Local clock offset: 3.089 ms  
Remote clock offset: -16.364 ms

# Below is generated by plot.py at 2018-02-04 11:52:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.32 Mbit/s  
95th percentile per-packet one-way delay: -2.281 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.32 Mbit/s  
95th percentile per-packet one-way delay: -2.281 ms  
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



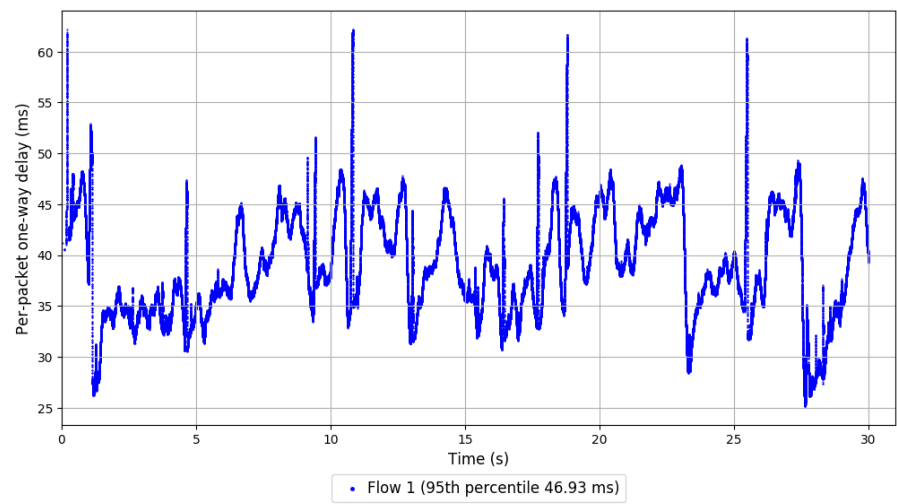
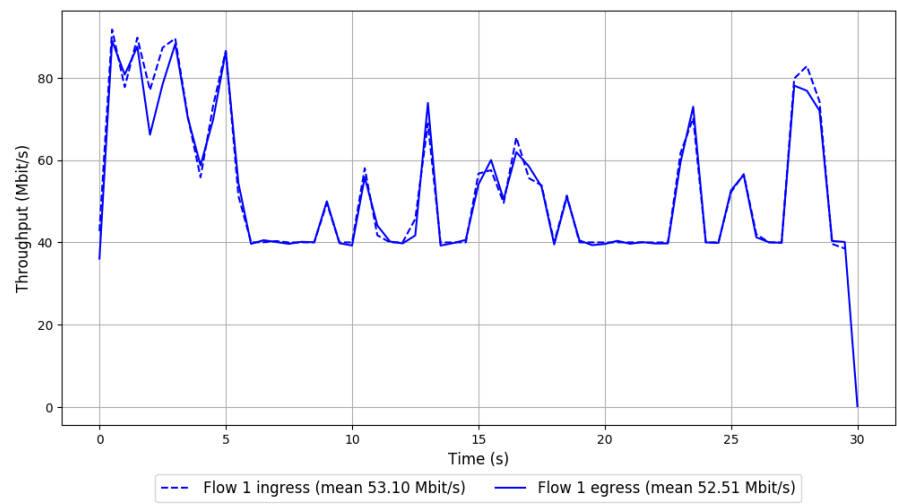
Run 1: Statistics of TaoVA-100x

Start at: 2018-02-04 07:46:03  
End at: 2018-02-04 07:46:33  
Local clock offset: 0.071 ms  
Remote clock offset: -25.735 ms

# Below is generated by plot.py at 2018-02-04 11:53:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 52.51 Mbit/s  
95th percentile per-packet one-way delay: 46.932 ms  
Loss rate: 1.17%  
-- Flow 1:  
Average throughput: 52.51 Mbit/s  
95th percentile per-packet one-way delay: 46.932 ms  
Loss rate: 1.17%



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

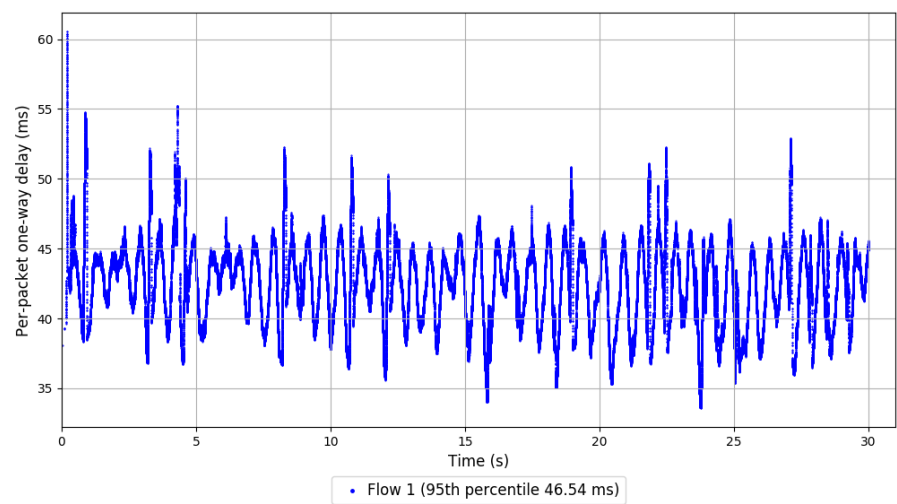
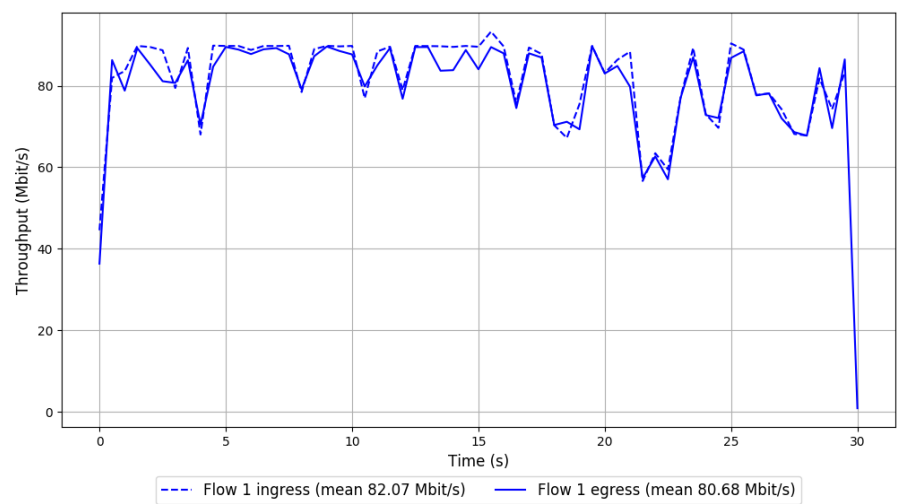


Run 2: Statistics of TaoVA-100x

Start at: 2018-02-04 08:08:08  
End at: 2018-02-04 08:08:38  
Local clock offset: 2.873 ms  
Remote clock offset: -23.743 ms

# Below is generated by plot.py at 2018-02-04 11:54:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 80.68 Mbit/s  
95th percentile per-packet one-way delay: 46.539 ms  
Loss rate: 1.73%  
-- Flow 1:  
Average throughput: 80.68 Mbit/s  
95th percentile per-packet one-way delay: 46.539 ms  
Loss rate: 1.73%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-02-04 08:30:41

End at: 2018-02-04 08:31:11

Local clock offset: 3.57 ms

Remote clock offset: -21.277 ms

# Below is generated by plot.py at 2018-02-04 11:54:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 65.87 Mbit/s

95th percentile per-packet one-way delay: 50.084 ms

Loss rate: 1.45%

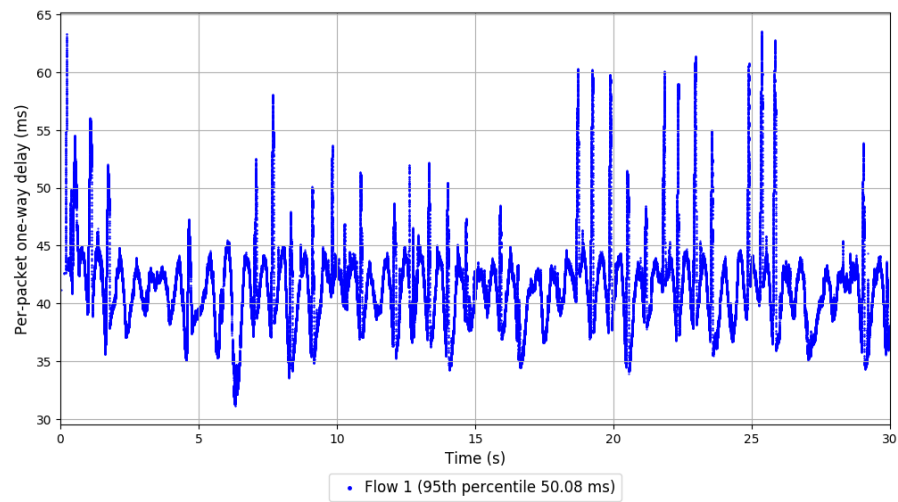
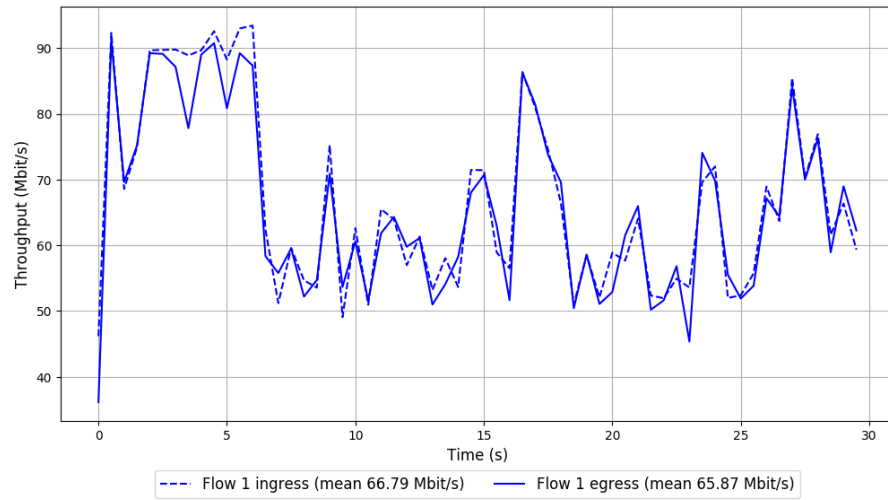
-- Flow 1:

Average throughput: 65.87 Mbit/s

95th percentile per-packet one-way delay: 50.084 ms

Loss rate: 1.45%

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

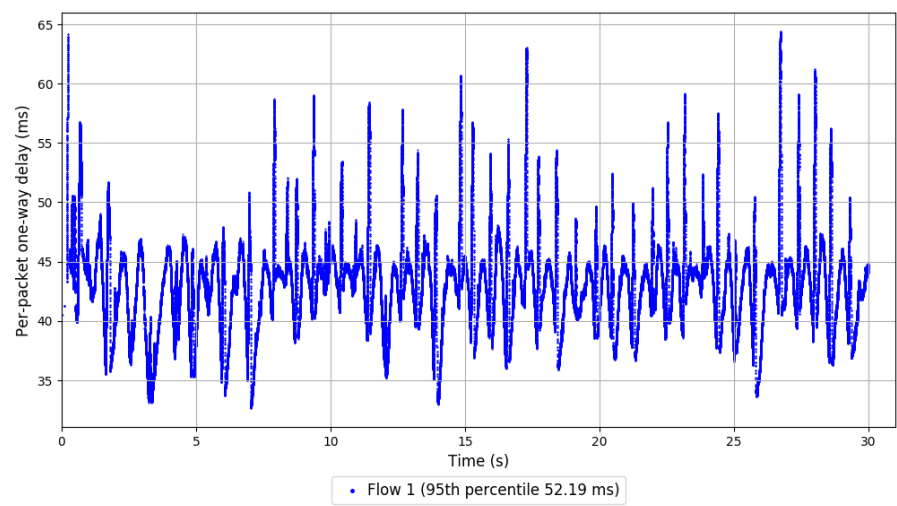
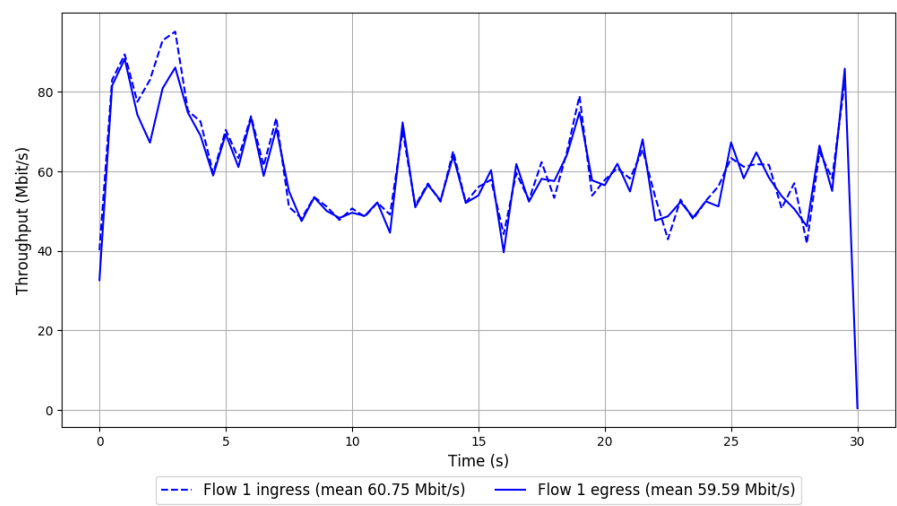


Run 4: Statistics of TaoVA-100x

Start at: 2018-02-04 08:53:02  
End at: 2018-02-04 08:53:32  
Local clock offset: 0.59 ms  
Remote clock offset: -20.077 ms

# Below is generated by plot.py at 2018-02-04 11:54:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 59.59 Mbit/s  
95th percentile per-packet one-way delay: 52.189 ms  
Loss rate: 1.97%  
-- Flow 1:  
Average throughput: 59.59 Mbit/s  
95th percentile per-packet one-way delay: 52.189 ms  
Loss rate: 1.97%

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



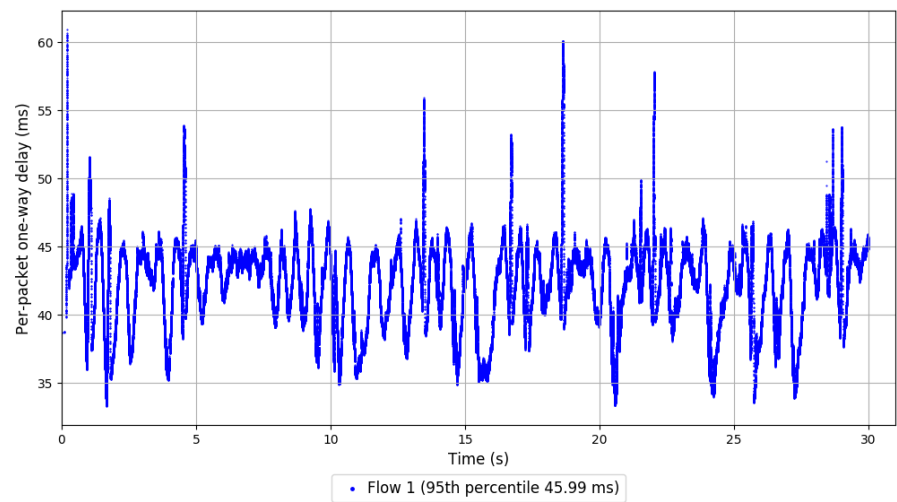
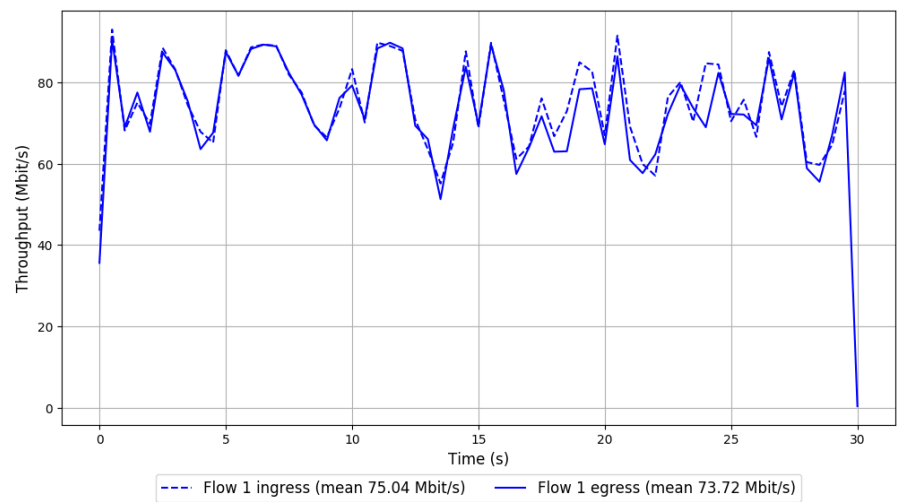
Run 5: Statistics of TaoVA-100x

Start at: 2018-02-04 09:14:45  
End at: 2018-02-04 09:15:15  
Local clock offset: -0.859 ms  
Remote clock offset: -20.148 ms

# Below is generated by plot.py at 2018-02-04 11:54:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.72 Mbit/s  
95th percentile per-packet one-way delay: 45.992 ms  
Loss rate: 1.81%  
-- Flow 1:  
Average throughput: 73.72 Mbit/s  
95th percentile per-packet one-way delay: 45.992 ms  
Loss rate: 1.81%



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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-04 09:36:09

End at: 2018-02-04 09:36:39

Local clock offset: 0.968 ms

Remote clock offset: -30.92 ms

# Below is generated by plot.py at 2018-02-04 11:55:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.64 Mbit/s

95th percentile per-packet one-way delay: -7.341 ms

Loss rate: 0.17%

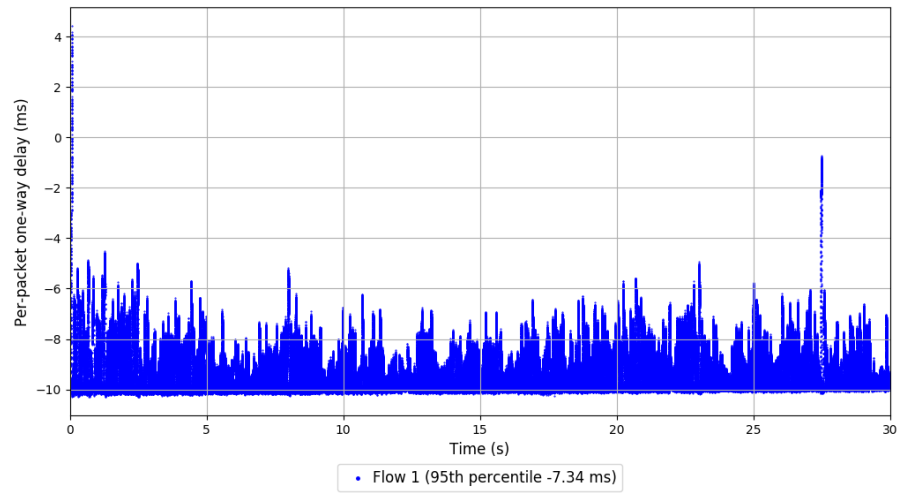
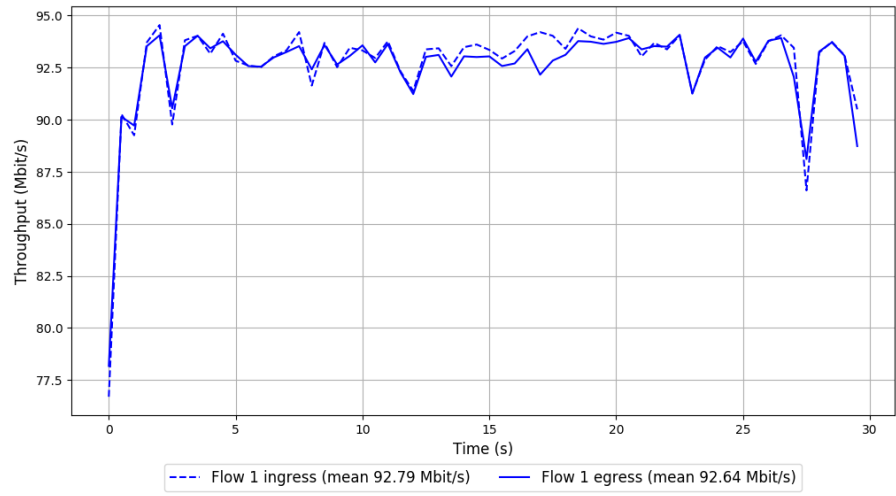
-- Flow 1:

Average throughput: 92.64 Mbit/s

95th percentile per-packet one-way delay: -7.341 ms

Loss rate: 0.17%

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

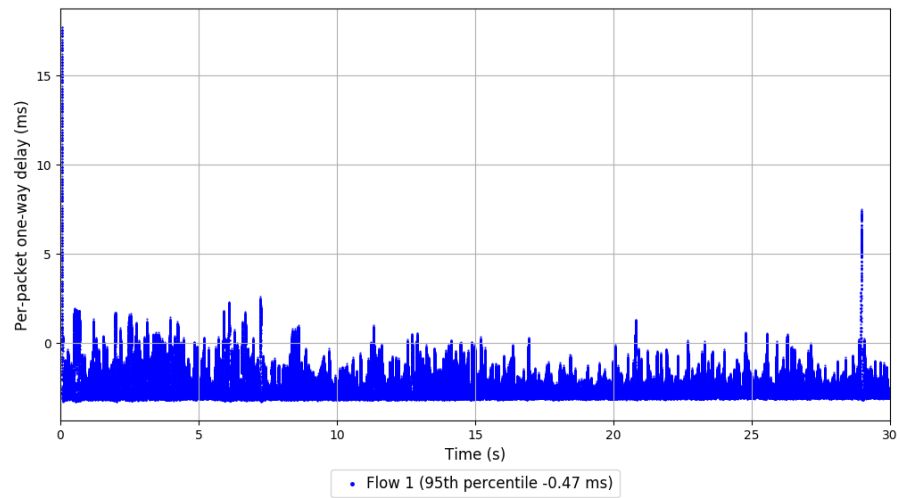
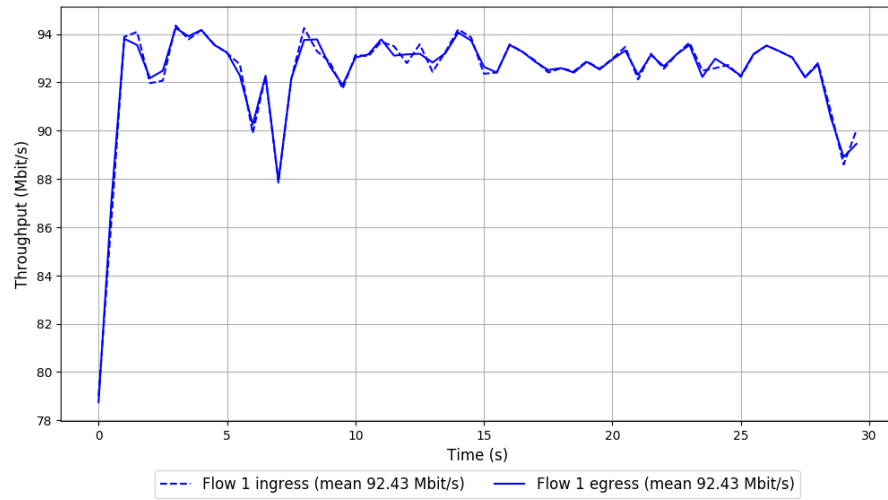


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-04 09:57:24  
End at: 2018-02-04 09:57:54  
Local clock offset: 1.401 ms  
Remote clock offset: -31.221 ms

# Below is generated by plot.py at 2018-02-04 11:55:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.43 Mbit/s  
95th percentile per-packet one-way delay: -0.470 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 92.43 Mbit/s  
95th percentile per-packet one-way delay: -0.470 ms  
Loss rate: 0.00%

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

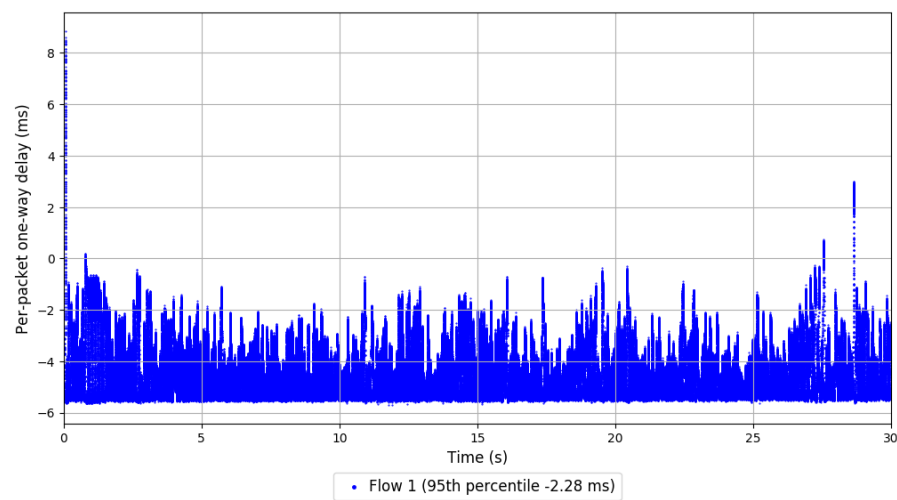
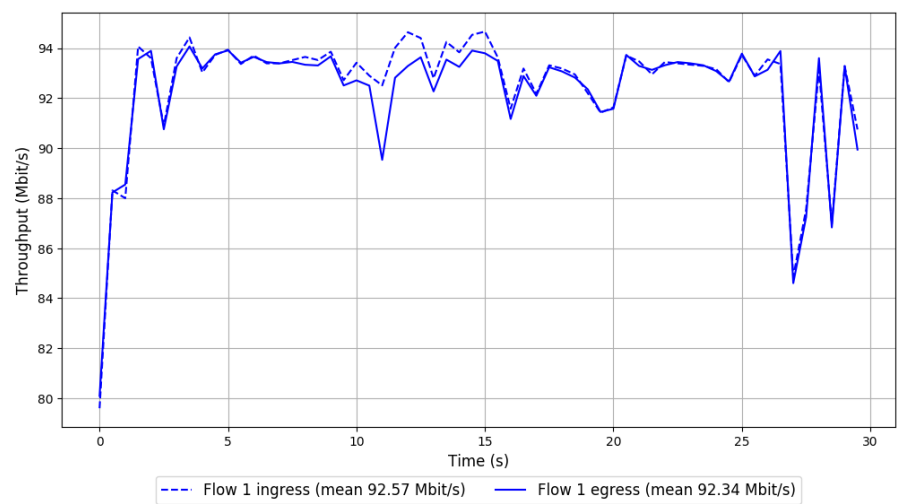


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-04 10:18:24  
End at: 2018-02-04 10:18:54  
Local clock offset: 2.728 ms  
Remote clock offset: -34.781 ms

# Below is generated by plot.py at 2018-02-04 11:55:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.34 Mbit/s  
95th percentile per-packet one-way delay: -2.278 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 92.34 Mbit/s  
95th percentile per-packet one-way delay: -2.278 ms  
Loss rate: 0.25%

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



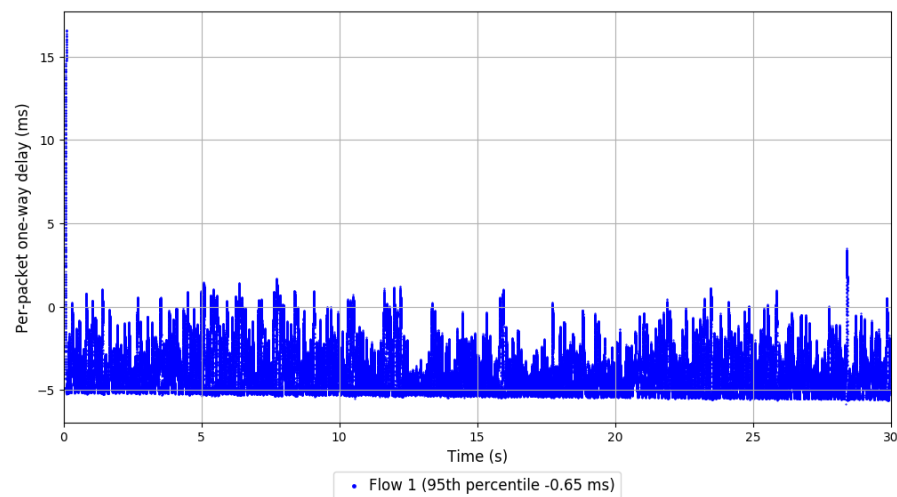
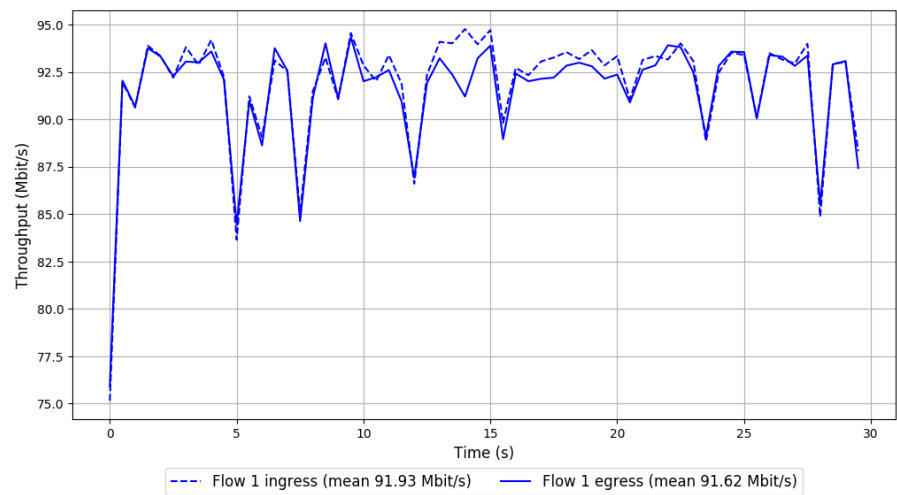
Run 9: Statistics of TaoVA-100x

Start at: 2018-02-04 10:39:25  
End at: 2018-02-04 10:39:55  
Local clock offset: 3.652 ms  
Remote clock offset: -23.499 ms

# Below is generated by plot.py at 2018-02-04 11:56:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.62 Mbit/s  
95th percentile per-packet one-way delay: -0.650 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 91.62 Mbit/s  
95th percentile per-packet one-way delay: -0.650 ms  
Loss rate: 0.33%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-04 11:00:23

End at: 2018-02-04 11:00:53

Local clock offset: 4.349 ms

Remote clock offset: -19.988 ms

# Below is generated by plot.py at 2018-02-04 11:56:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.64 Mbit/s

95th percentile per-packet one-way delay: -7.243 ms

Loss rate: 0.37%

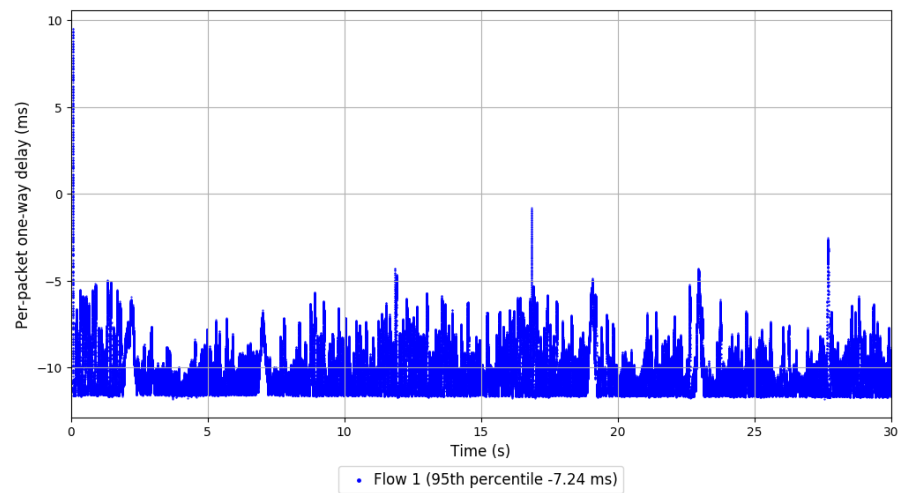
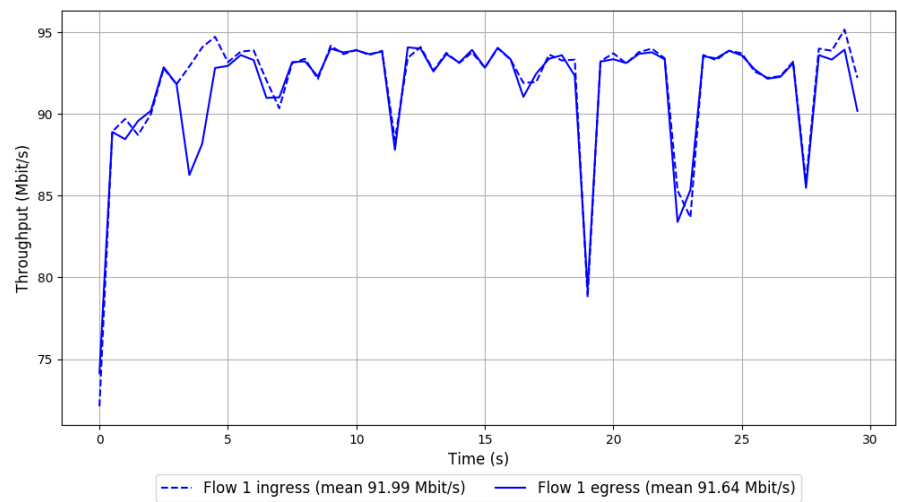
-- Flow 1:

Average throughput: 91.64 Mbit/s

95th percentile per-packet one-way delay: -7.243 ms

Loss rate: 0.37%

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

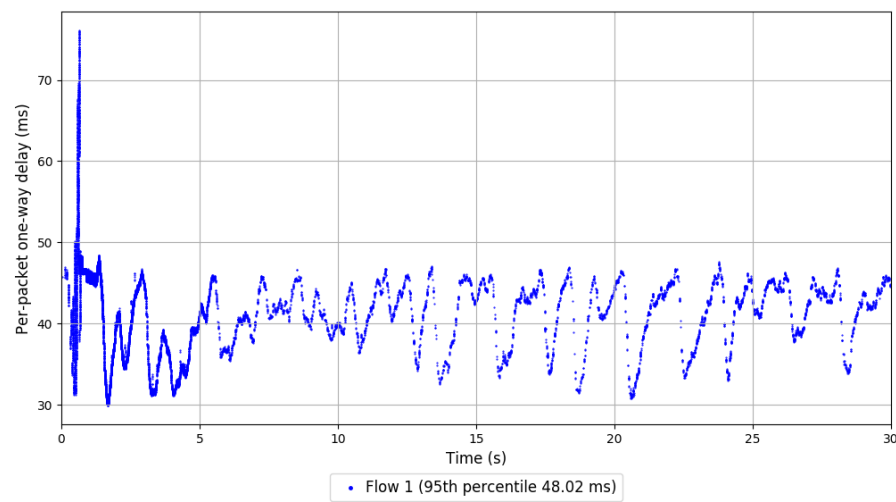
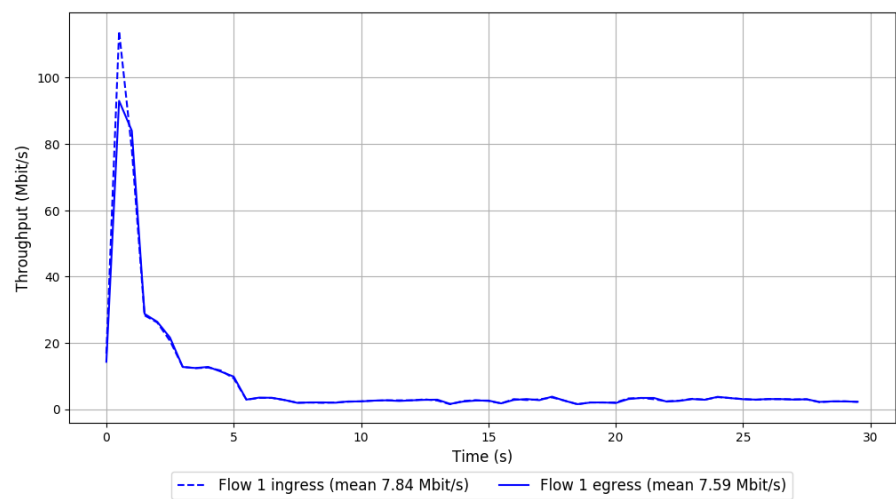


Run 1: Statistics of TCP Vegas

Start at: 2018-02-04 07:54:42  
End at: 2018-02-04 07:55:12  
Local clock offset: 2.542 ms  
Remote clock offset: -23.687 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 7.59 Mbit/s  
95th percentile per-packet one-way delay: 48.022 ms  
Loss rate: 3.34%  
-- Flow 1:  
Average throughput: 7.59 Mbit/s  
95th percentile per-packet one-way delay: 48.022 ms  
Loss rate: 3.34%

Run 1: Report of TCP Vegas — Data Link

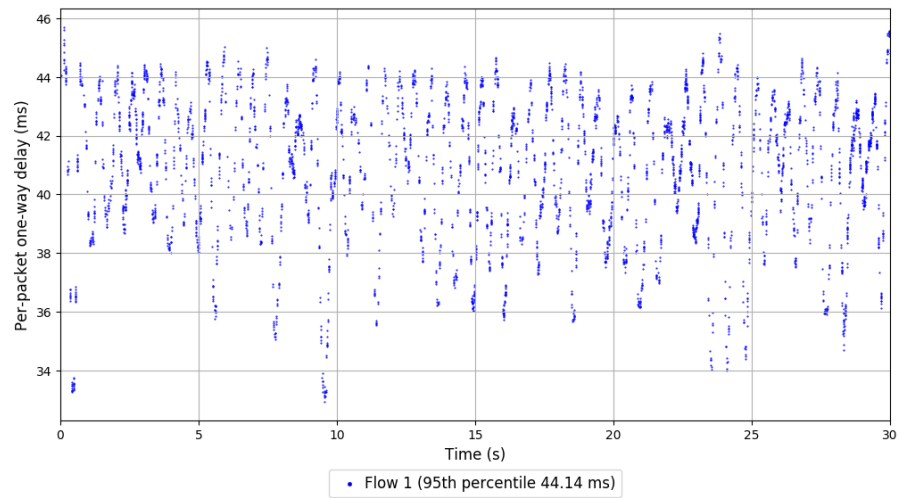
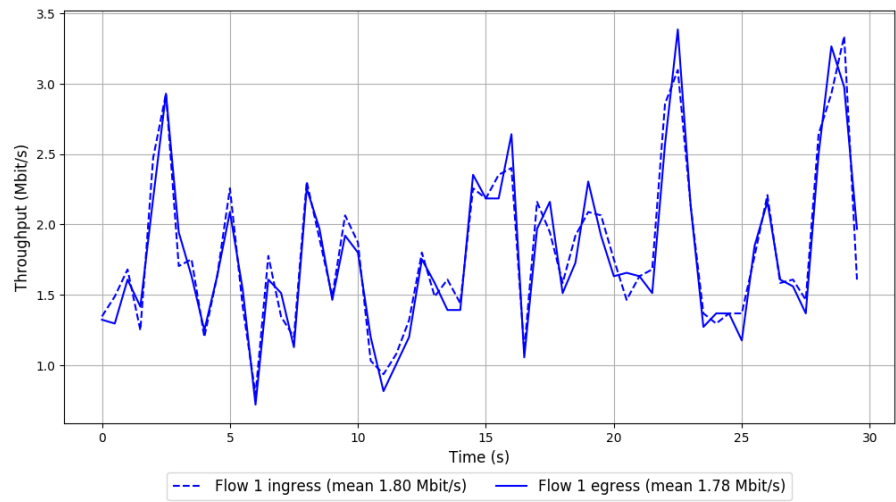


Run 2: Statistics of TCP Vegas

Start at: 2018-02-04 08:17:24  
End at: 2018-02-04 08:17:54  
Local clock offset: 4.159 ms  
Remote clock offset: -22.947 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.78 Mbit/s  
95th percentile per-packet one-way delay: 44.143 ms  
Loss rate: 1.18%  
-- Flow 1:  
Average throughput: 1.78 Mbit/s  
95th percentile per-packet one-way delay: 44.143 ms  
Loss rate: 1.18%

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



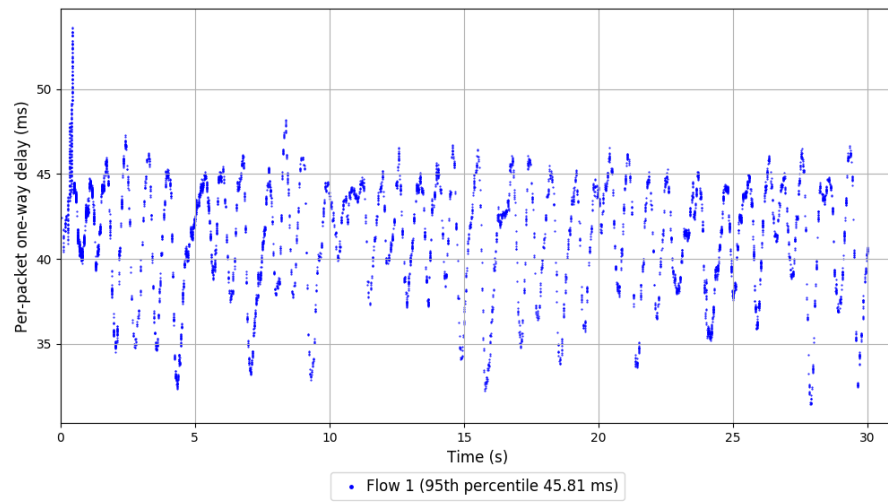
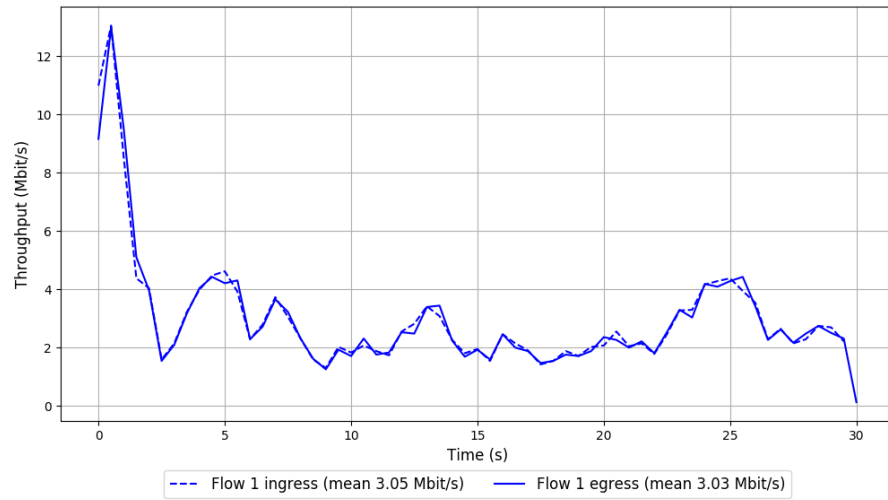
Run 3: Statistics of TCP Vegas

Start at: 2018-02-04 08:39:46  
End at: 2018-02-04 08:40:16  
Local clock offset: 0.7 ms  
Remote clock offset: -21.277 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.03 Mbit/s  
95th percentile per-packet one-way delay: 45.812 ms  
Loss rate: 0.42%  
-- Flow 1:  
Average throughput: 3.03 Mbit/s  
95th percentile per-packet one-way delay: 45.812 ms  
Loss rate: 0.42%



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

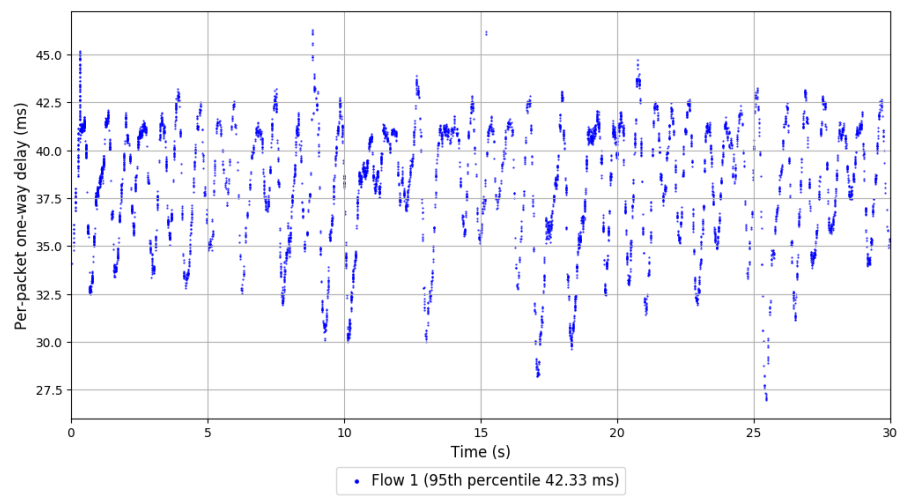
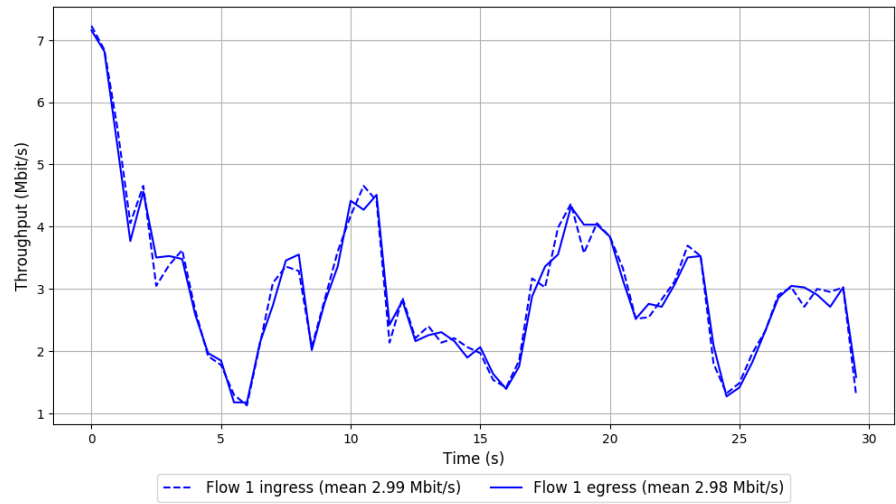


Run 4: Statistics of TCP Vegas

Start at: 2018-02-04 09:01:33  
End at: 2018-02-04 09:02:03  
Local clock offset: 2.582 ms  
Remote clock offset: -20.869 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.98 Mbit/s  
95th percentile per-packet one-way delay: 42.325 ms  
Loss rate: 0.39%  
-- Flow 1:  
Average throughput: 2.98 Mbit/s  
95th percentile per-packet one-way delay: 42.325 ms  
Loss rate: 0.39%

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

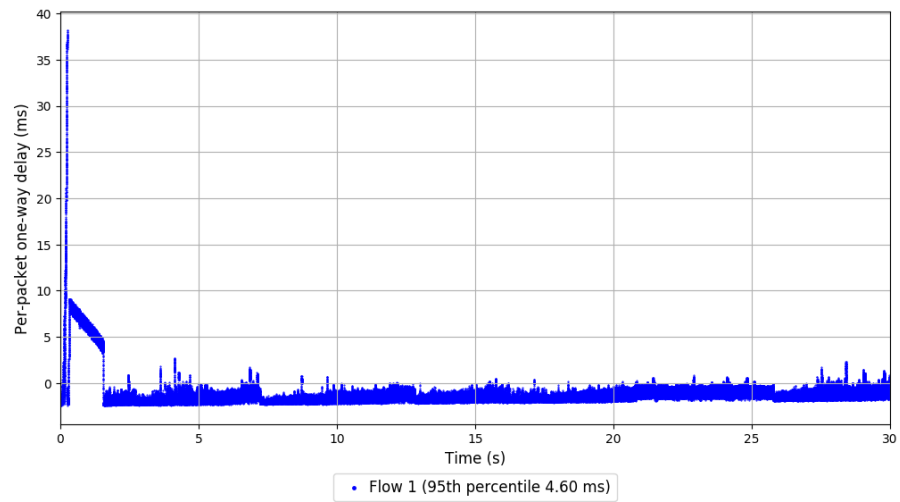
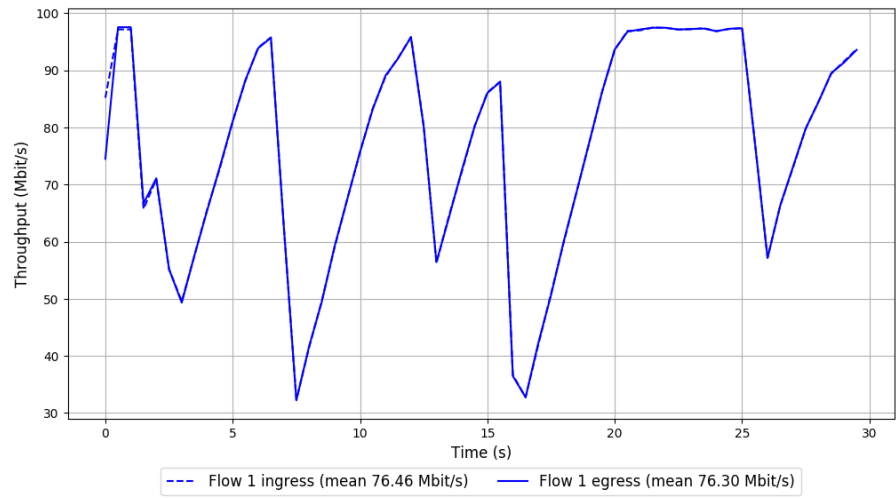


Run 5: Statistics of TCP Vegas

Start at: 2018-02-04 09:23:11  
End at: 2018-02-04 09:23:41  
Local clock offset: -2.951 ms  
Remote clock offset: -18.807 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.30 Mbit/s  
95th percentile per-packet one-way delay: 4.603 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 76.30 Mbit/s  
95th percentile per-packet one-way delay: 4.603 ms  
Loss rate: 0.20%

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

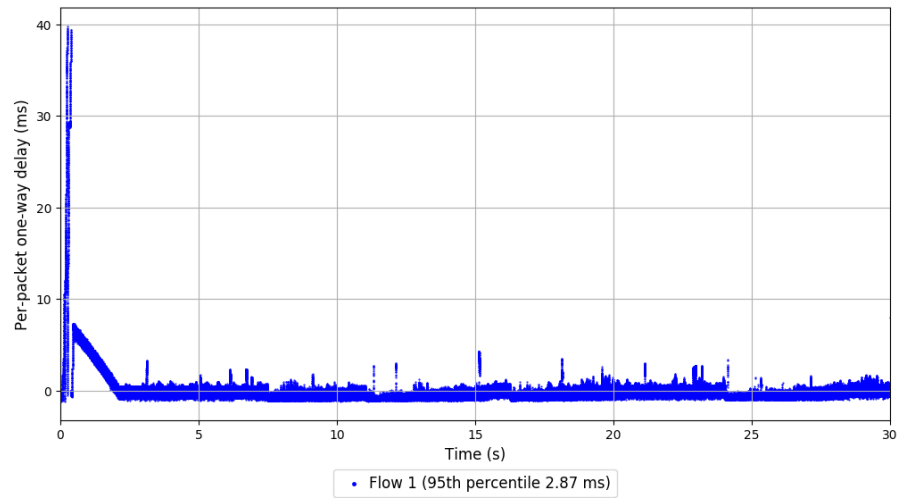
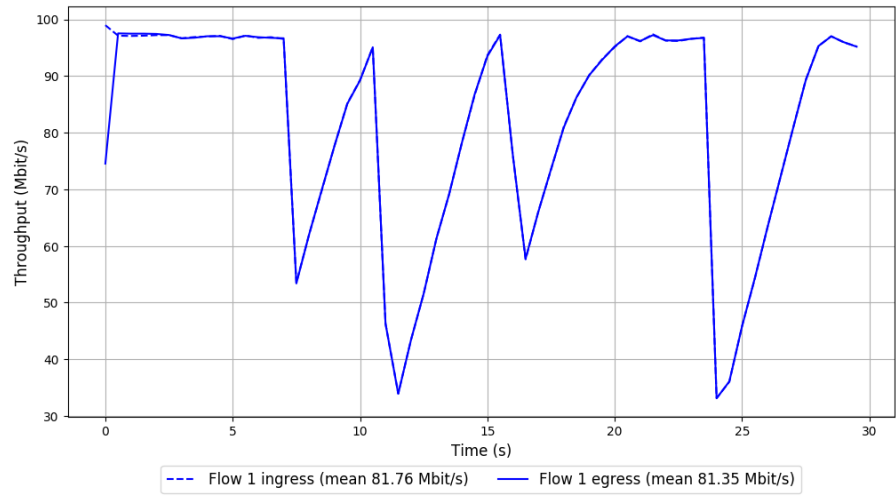


Run 6: Statistics of TCP Vegas

Start at: 2018-02-04 09:44:24  
End at: 2018-02-04 09:44:54  
Local clock offset: -2.207 ms  
Remote clock offset: -29.153 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.35 Mbit/s  
95th percentile per-packet one-way delay: 2.872 ms  
Loss rate: 0.48%  
-- Flow 1:  
Average throughput: 81.35 Mbit/s  
95th percentile per-packet one-way delay: 2.872 ms  
Loss rate: 0.48%

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



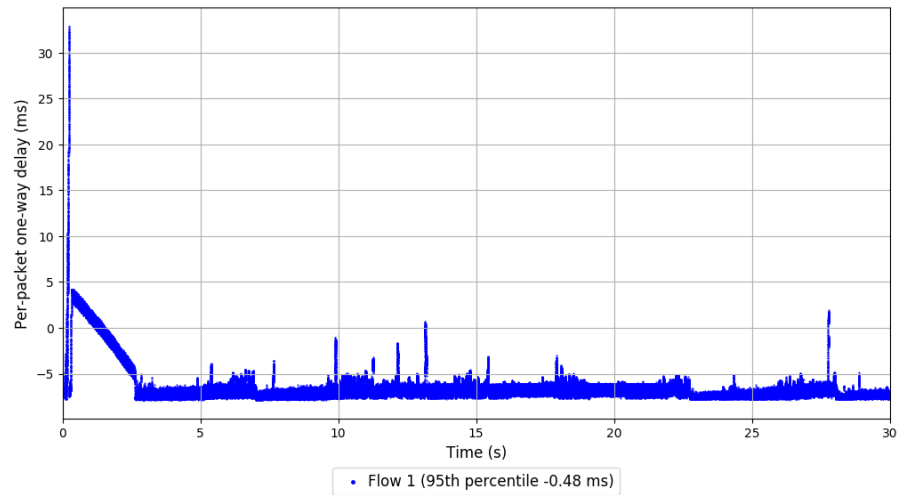
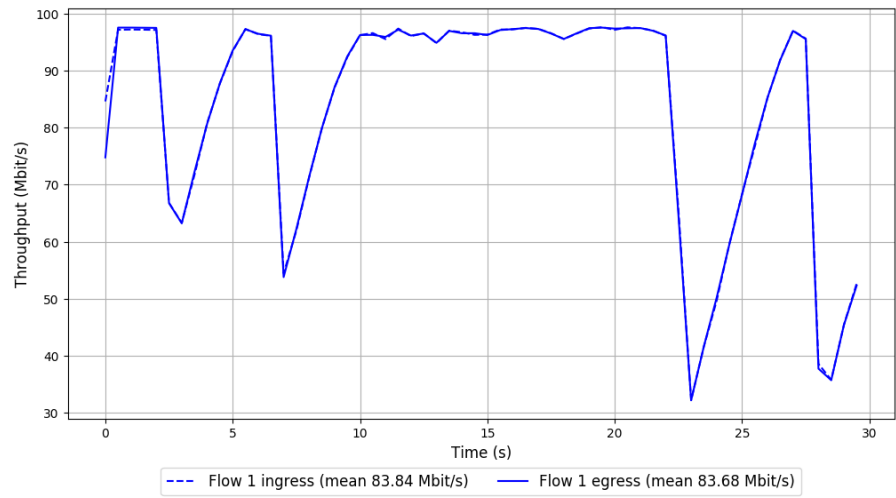
Run 7: Statistics of TCP Vegas

Start at: 2018-02-04 10:05:37  
End at: 2018-02-04 10:06:07  
Local clock offset: 2.041 ms  
Remote clock offset: -36.511 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 83.68 Mbit/s  
95th percentile per-packet one-way delay: -0.480 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 83.68 Mbit/s  
95th percentile per-packet one-way delay: -0.480 ms  
Loss rate: 0.19%



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

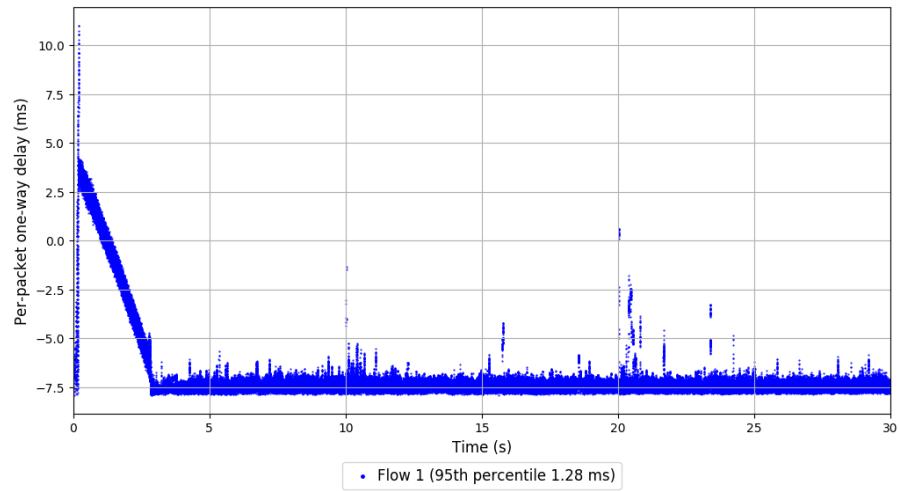
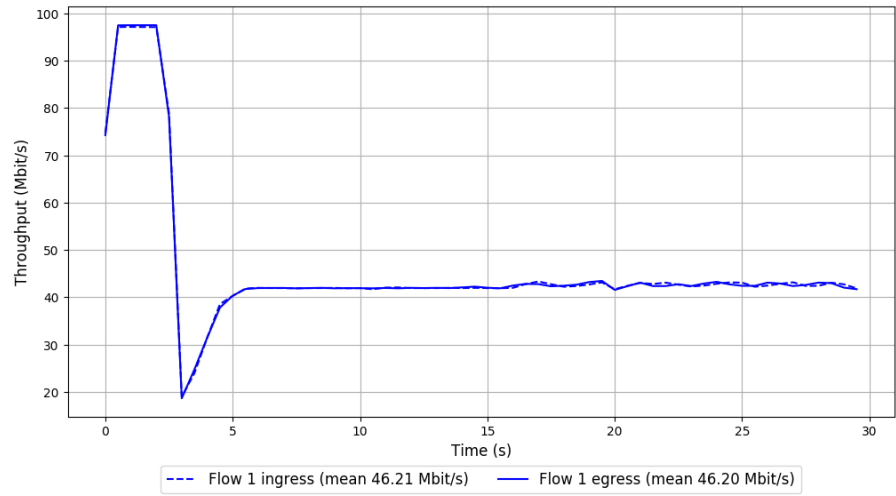


Run 8: Statistics of TCP Vegas

Start at: 2018-02-04 10:26:39  
End at: 2018-02-04 10:27:09  
Local clock offset: 0.873 ms  
Remote clock offset: -40.065 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 46.20 Mbit/s  
95th percentile per-packet one-way delay: 1.285 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 46.20 Mbit/s  
95th percentile per-packet one-way delay: 1.285 ms  
Loss rate: 0.00%

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

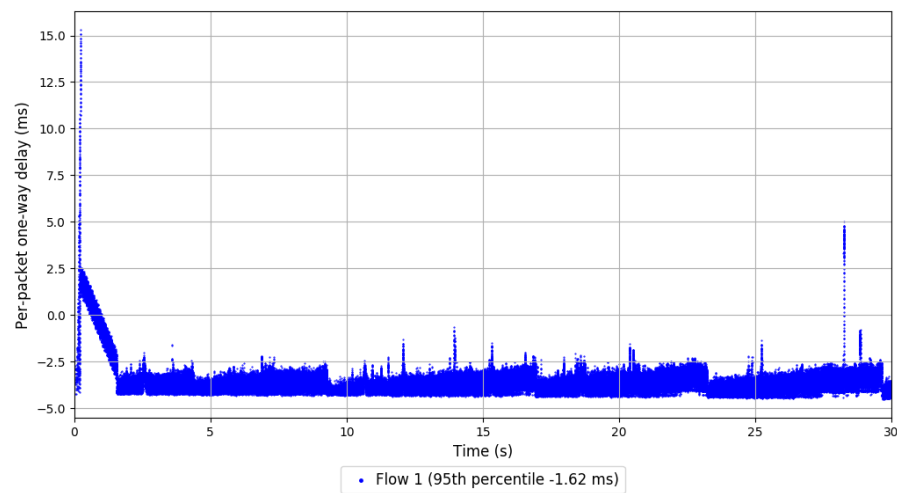
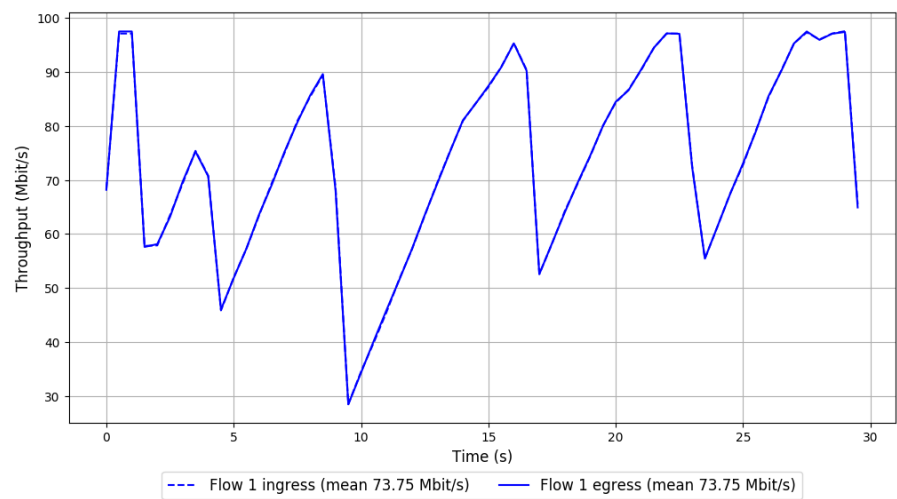


Run 9: Statistics of TCP Vegas

Start at: 2018-02-04 10:47:31  
End at: 2018-02-04 10:48:01  
Local clock offset: 0.829 ms  
Remote clock offset: -20.429 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.75 Mbit/s  
95th percentile per-packet one-way delay: -1.619 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 73.75 Mbit/s  
95th percentile per-packet one-way delay: -1.619 ms  
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

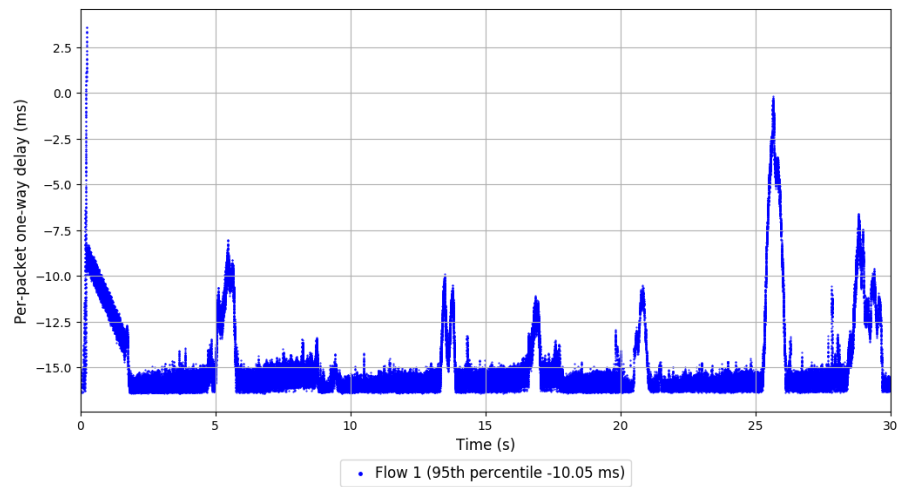
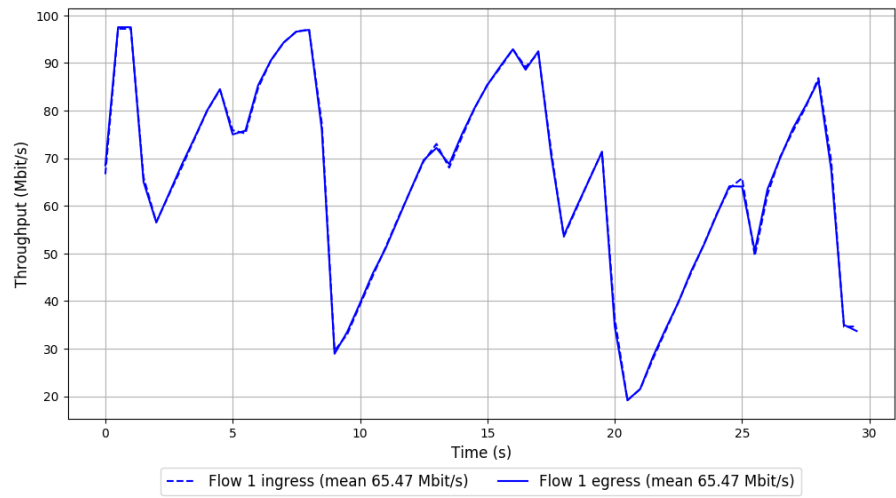


Run 10: Statistics of TCP Vegas

Start at: 2018-02-04 11:08:40  
End at: 2018-02-04 11:09:10  
Local clock offset: 5.632 ms  
Remote clock offset: -23.154 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 65.47 Mbit/s  
95th percentile per-packet one-way delay: -10.052 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 65.47 Mbit/s  
95th percentile per-packet one-way delay: -10.052 ms  
Loss rate: 0.00%

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



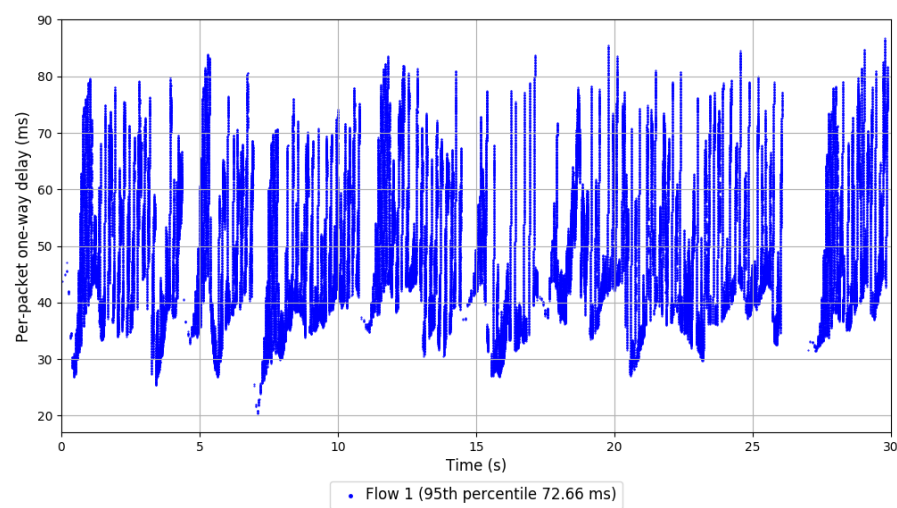
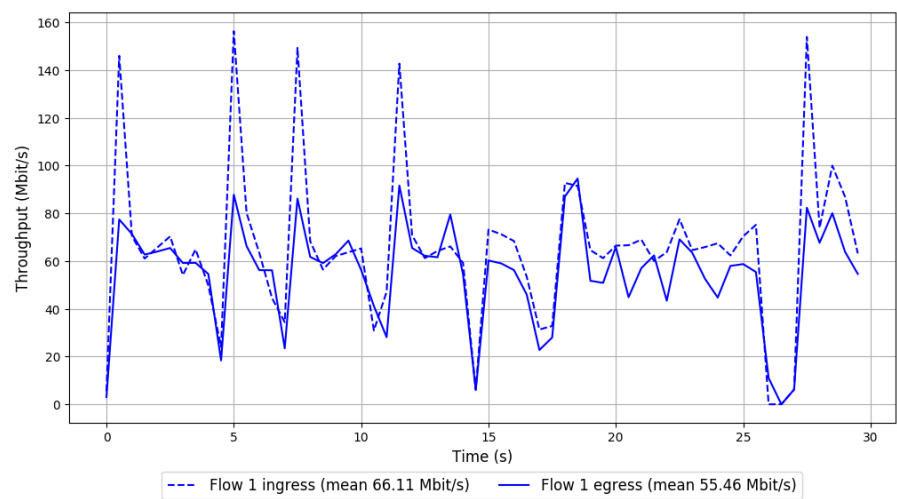
Run 1: Statistics of Verus

Start at: 2018-02-04 07:47:17  
End at: 2018-02-04 07:47:47  
Local clock offset: 2.639 ms  
Remote clock offset: -26.312 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 55.46 Mbit/s  
95th percentile per-packet one-way delay: 72.659 ms  
Loss rate: 16.01%  
-- Flow 1:  
Average throughput: 55.46 Mbit/s  
95th percentile per-packet one-way delay: 72.659 ms  
Loss rate: 16.01%



Run 1: Report of Verus — Data Link

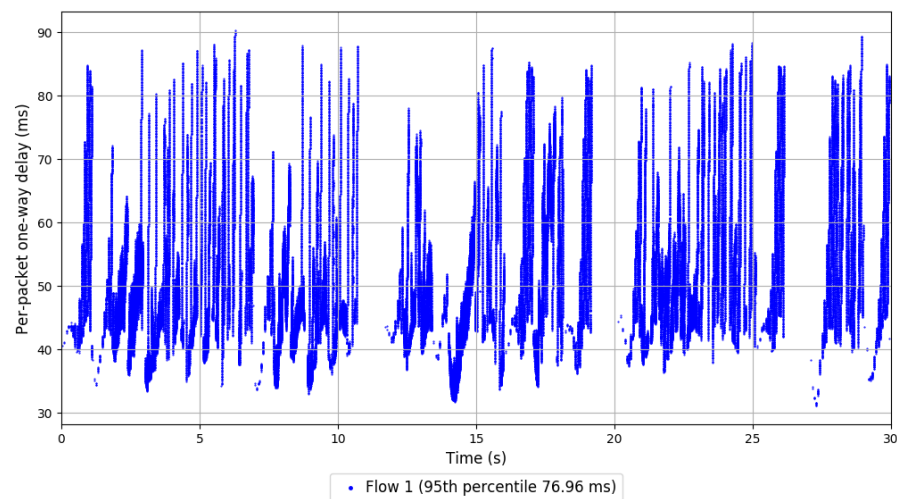
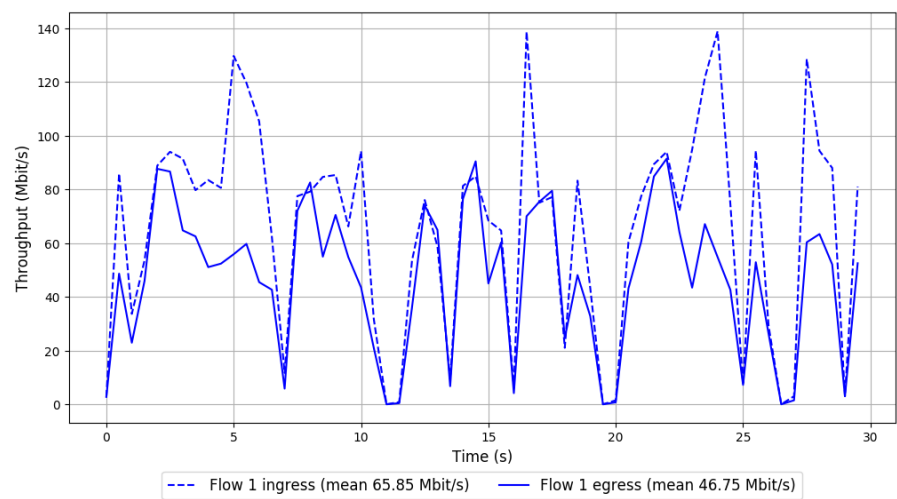


Run 2: Statistics of Verus

Start at: 2018-02-04 08:09:43  
End at: 2018-02-04 08:10:13  
Local clock offset: 3.166 ms  
Remote clock offset: -24.128 ms

# Below is generated by plot.py at 2018-02-04 11:56:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 46.75 Mbit/s  
95th percentile per-packet one-way delay: 76.956 ms  
Loss rate: 29.00%  
-- Flow 1:  
Average throughput: 46.75 Mbit/s  
95th percentile per-packet one-way delay: 76.956 ms  
Loss rate: 29.00%

Run 2: Report of Verus — Data Link

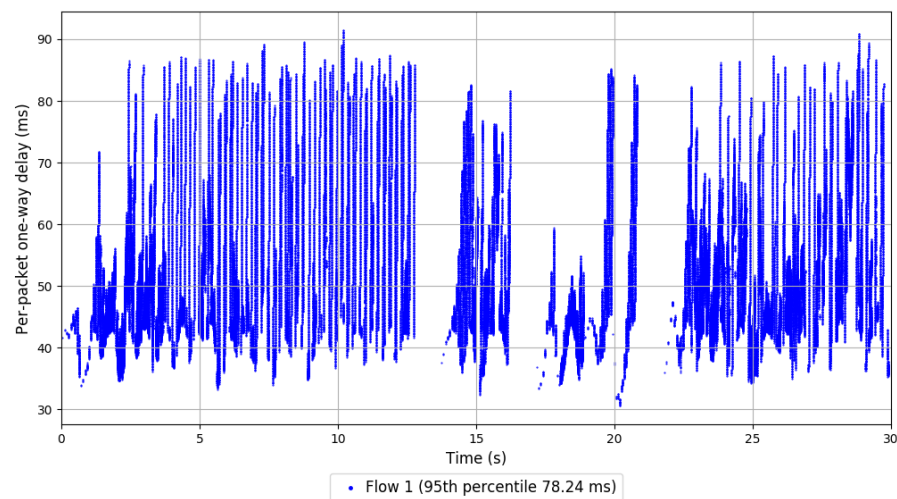
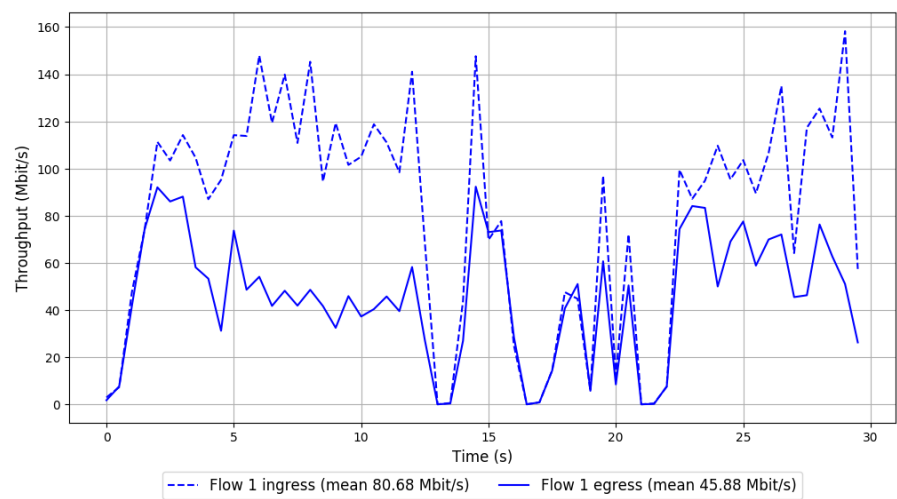


Run 3: Statistics of Verus

Start at: 2018-02-04 08:32:08  
End at: 2018-02-04 08:32:38  
Local clock offset: 2.391 ms  
Remote clock offset: -21.862 ms

# Below is generated by plot.py at 2018-02-04 11:56:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 45.88 Mbit/s  
95th percentile per-packet one-way delay: 78.242 ms  
Loss rate: 43.14%  
-- Flow 1:  
Average throughput: 45.88 Mbit/s  
95th percentile per-packet one-way delay: 78.242 ms  
Loss rate: 43.14%

Run 3: Report of Verus — Data Link

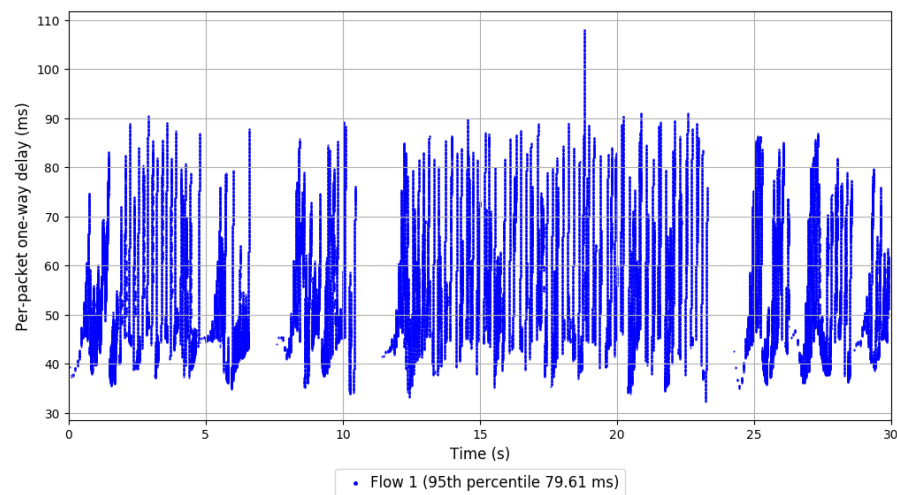
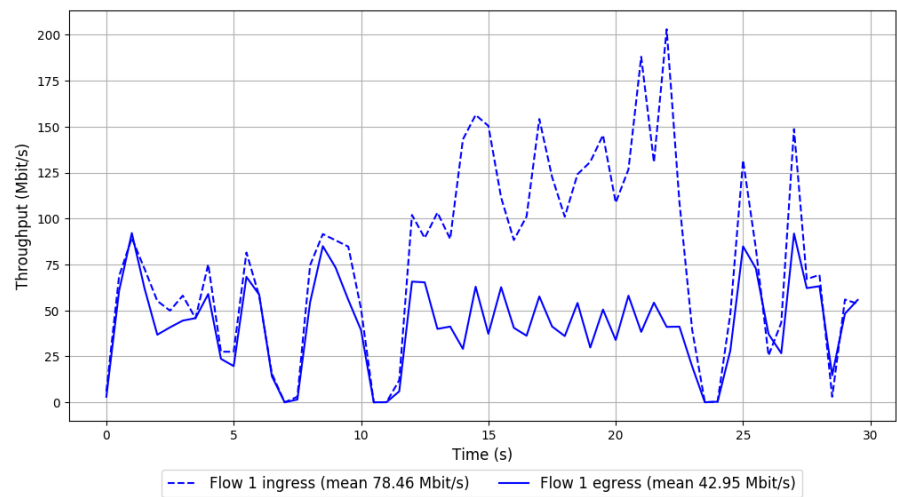


Run 4: Statistics of Verus

Start at: 2018-02-04 08:54:22  
End at: 2018-02-04 08:54:52  
Local clock offset: 0.372 ms  
Remote clock offset: -19.25 ms

# Below is generated by plot.py at 2018-02-04 11:56:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.95 Mbit/s  
95th percentile per-packet one-way delay: 79.605 ms  
Loss rate: 45.22%  
-- Flow 1:  
Average throughput: 42.95 Mbit/s  
95th percentile per-packet one-way delay: 79.605 ms  
Loss rate: 45.22%

Run 4: Report of Verus — Data Link



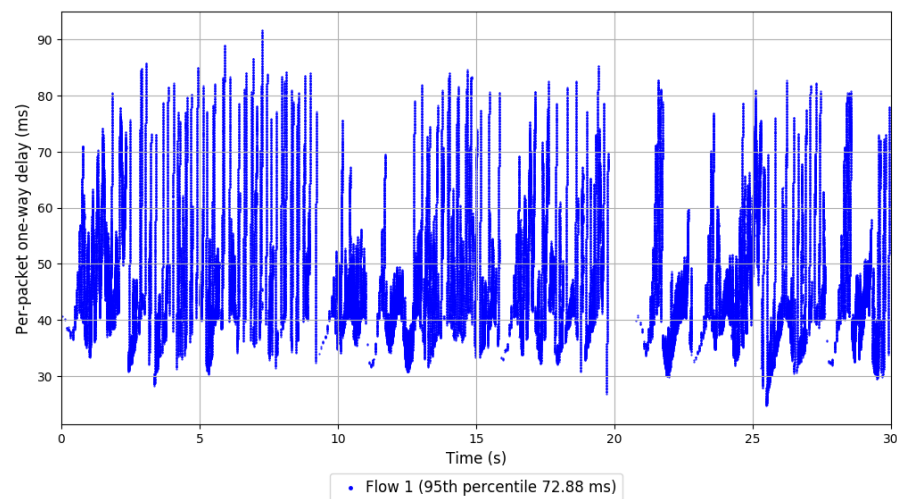
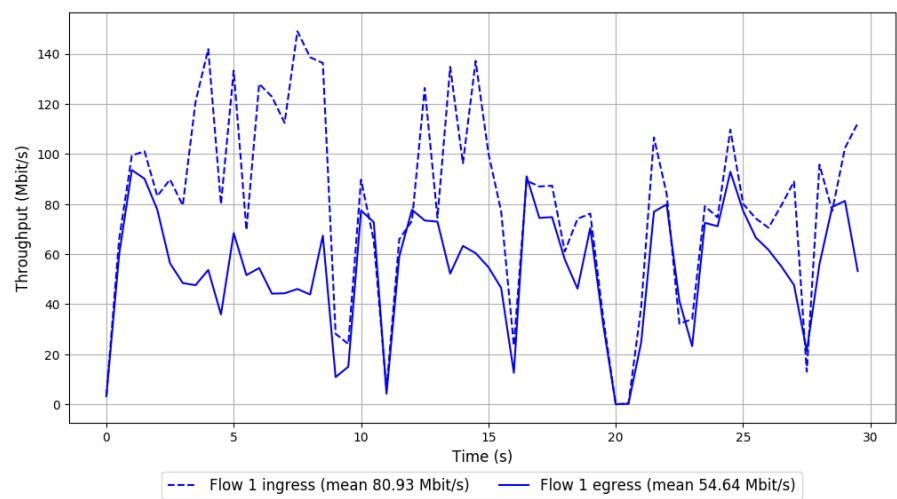
Run 5: Statistics of Verus

Start at: 2018-02-04 09:16:01  
End at: 2018-02-04 09:16:31  
Local clock offset: 1.558 ms  
Remote clock offset: -21.526 ms

# Below is generated by plot.py at 2018-02-04 11:57:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 54.64 Mbit/s  
95th percentile per-packet one-way delay: 72.879 ms  
Loss rate: 32.48%  
-- Flow 1:  
Average throughput: 54.64 Mbit/s  
95th percentile per-packet one-way delay: 72.879 ms  
Loss rate: 32.48%



Run 5: Report of Verus — Data Link

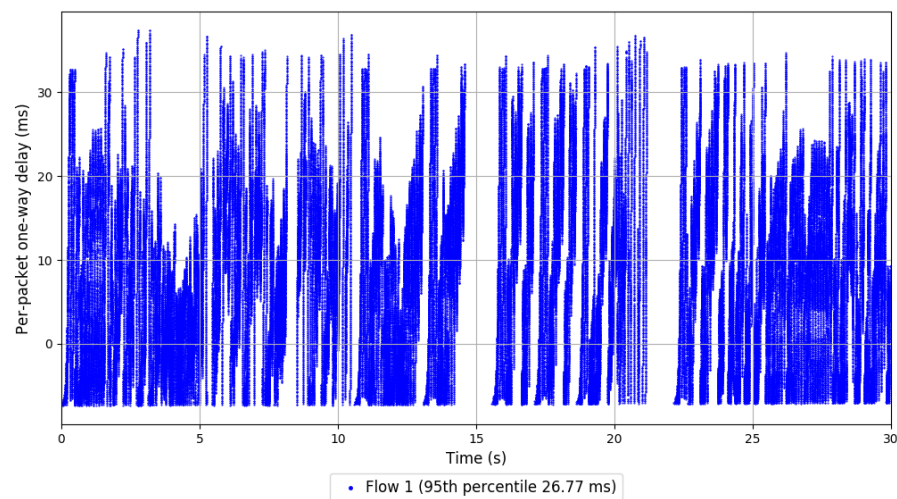
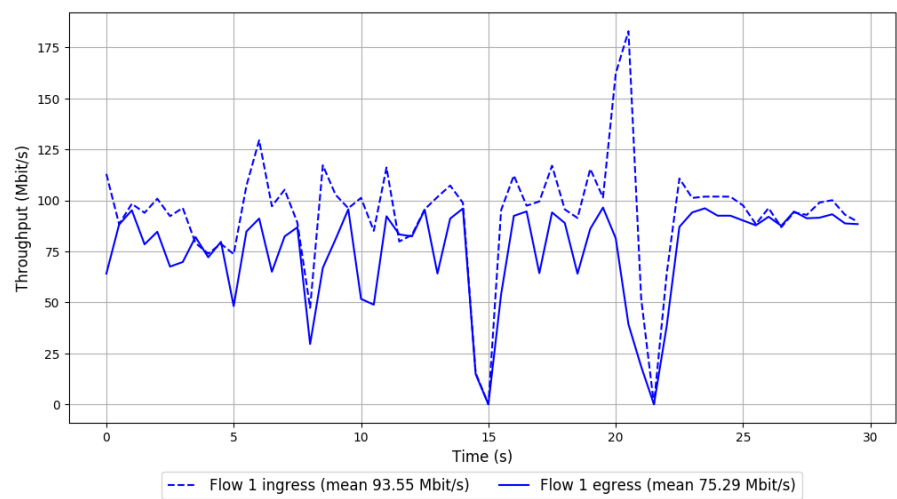


Run 6: Statistics of Verus

Start at: 2018-02-04 09:37:25  
End at: 2018-02-04 09:37:55  
Local clock offset: 0.61 ms  
Remote clock offset: -28.708 ms

# Below is generated by plot.py at 2018-02-04 11:57:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.29 Mbit/s  
95th percentile per-packet one-way delay: 26.773 ms  
Loss rate: 19.50%  
-- Flow 1:  
Average throughput: 75.29 Mbit/s  
95th percentile per-packet one-way delay: 26.773 ms  
Loss rate: 19.50%

Run 6: Report of Verus — Data Link

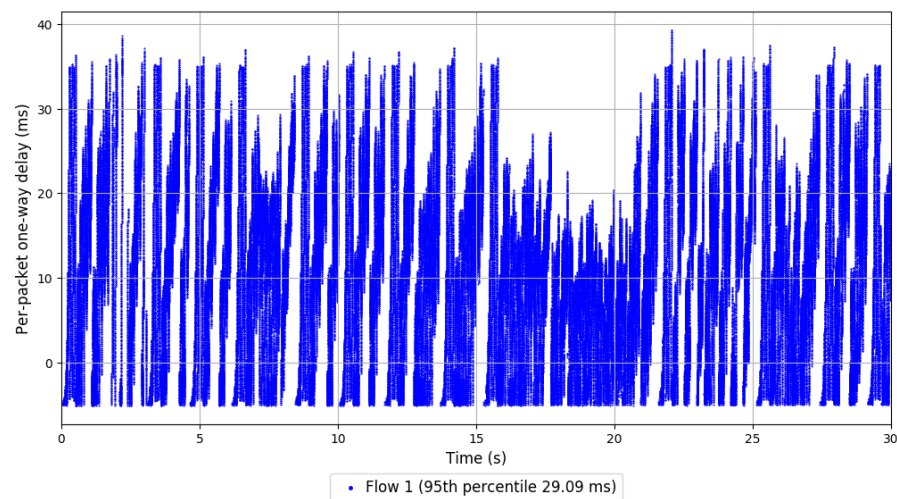
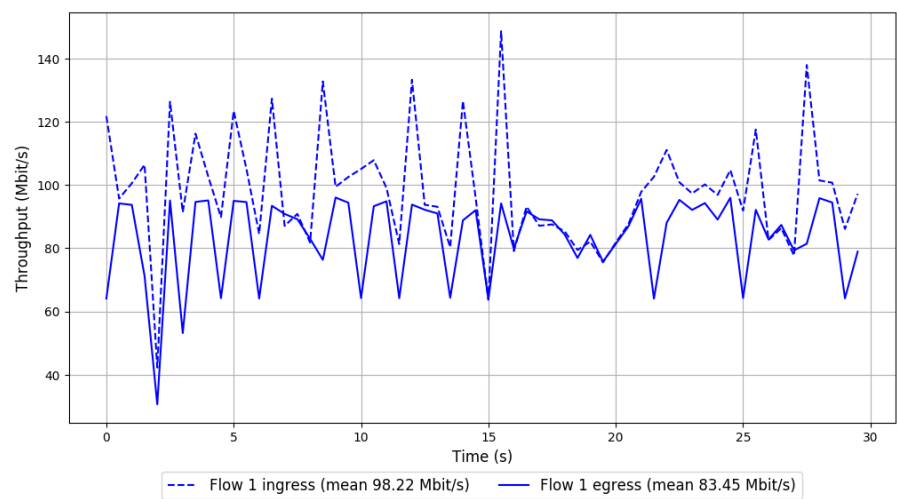


Run 7: Statistics of Verus

Start at: 2018-02-04 09:58:38  
End at: 2018-02-04 09:59:08  
Local clock offset: 2.102 ms  
Remote clock offset: -32.489 ms

# Below is generated by plot.py at 2018-02-04 11:57:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 83.45 Mbit/s  
95th percentile per-packet one-way delay: 29.089 ms  
Loss rate: 14.99%  
-- Flow 1:  
Average throughput: 83.45 Mbit/s  
95th percentile per-packet one-way delay: 29.089 ms  
Loss rate: 14.99%

Run 7: Report of Verus — Data Link

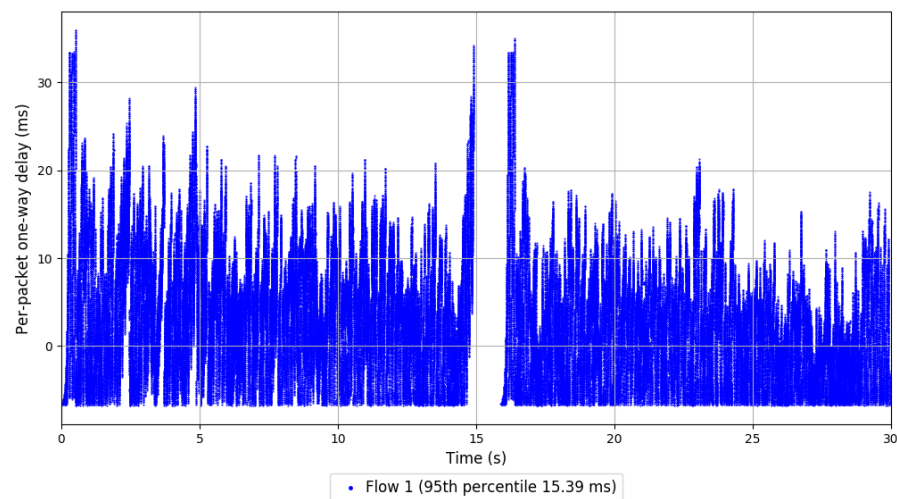
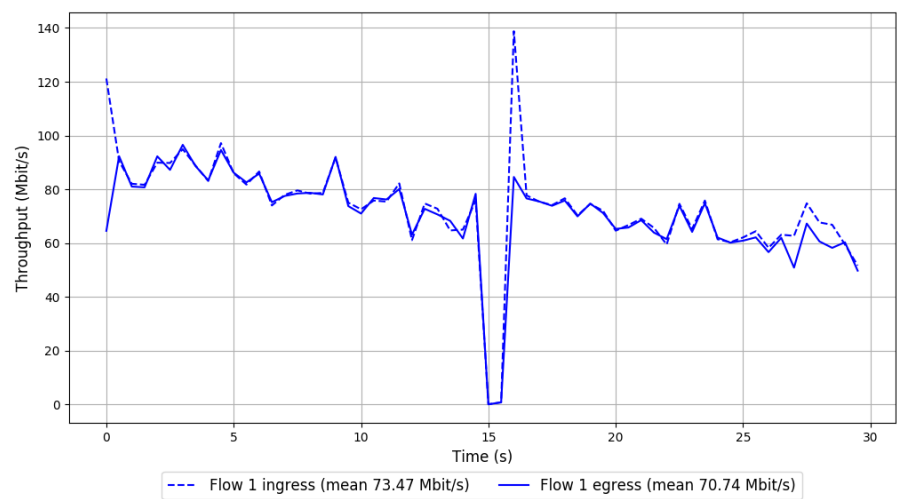


Run 8: Statistics of Verus

Start at: 2018-02-04 10:19:41  
End at: 2018-02-04 10:20:11  
Local clock offset: 3.172 ms  
Remote clock offset: -35.546 ms

# Below is generated by plot.py at 2018-02-04 11:57:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.74 Mbit/s  
95th percentile per-packet one-way delay: 15.391 ms  
Loss rate: 3.71%  
-- Flow 1:  
Average throughput: 70.74 Mbit/s  
95th percentile per-packet one-way delay: 15.391 ms  
Loss rate: 3.71%

Run 8: Report of Verus — Data Link



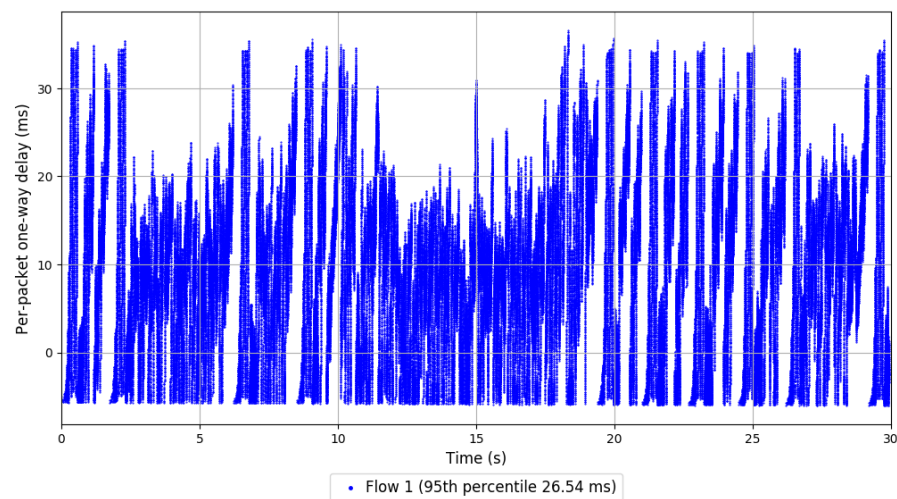
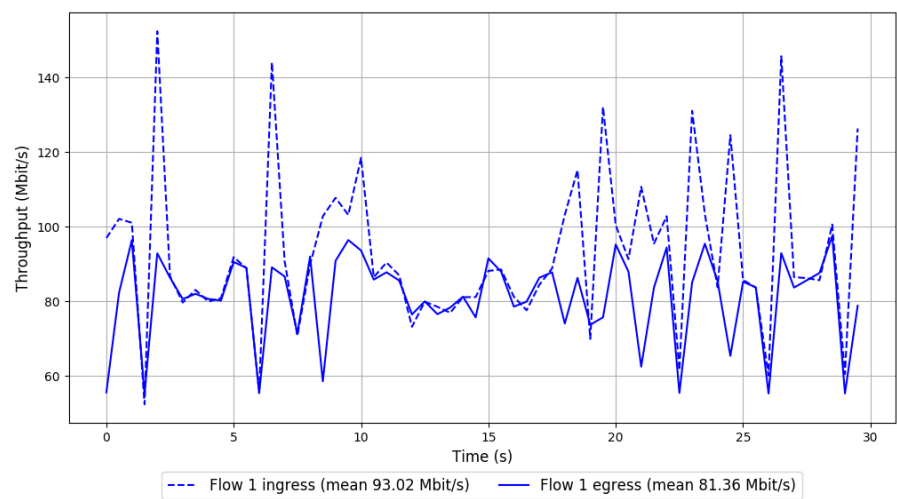
Run 9: Statistics of Verus

Start at: 2018-02-04 10:40:37  
End at: 2018-02-04 10:41:07  
Local clock offset: 2.361 ms  
Remote clock offset: -24.324 ms

# Below is generated by plot.py at 2018-02-04 11:57:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.36 Mbit/s  
95th percentile per-packet one-way delay: 26.538 ms  
Loss rate: 12.53%  
-- Flow 1:  
Average throughput: 81.36 Mbit/s  
95th percentile per-packet one-way delay: 26.538 ms  
Loss rate: 12.53%



Run 9: Report of Verus — Data Link

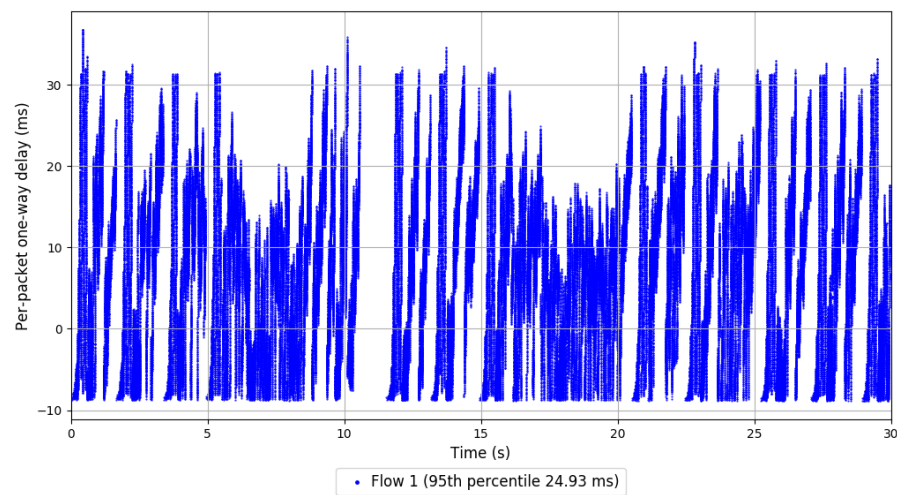
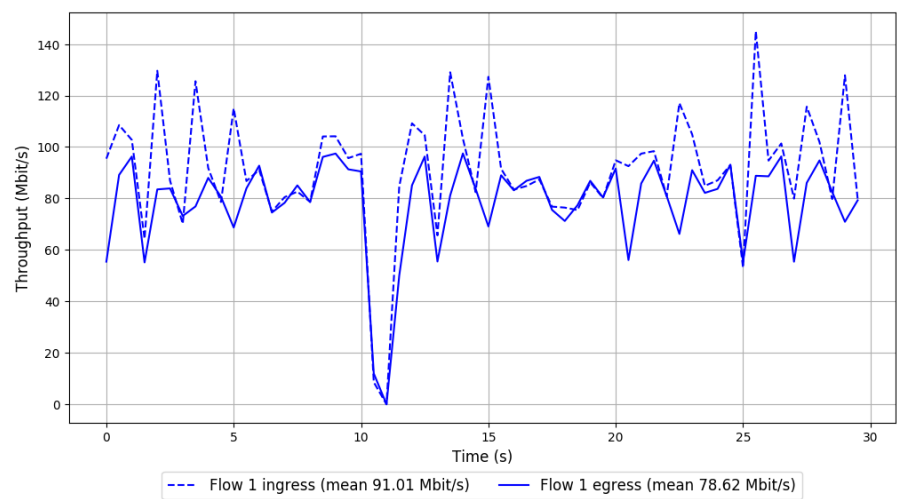


Run 10: Statistics of Verus

Start at: 2018-02-04 11:01:44  
End at: 2018-02-04 11:02:14  
Local clock offset: 2.421 ms  
Remote clock offset: -18.614 ms

# Below is generated by plot.py at 2018-02-04 11:57:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.62 Mbit/s  
95th percentile per-packet one-way delay: 24.929 ms  
Loss rate: 13.57%  
-- Flow 1:  
Average throughput: 78.62 Mbit/s  
95th percentile per-packet one-way delay: 24.929 ms  
Loss rate: 13.57%

Run 10: Report of Verus — Data Link

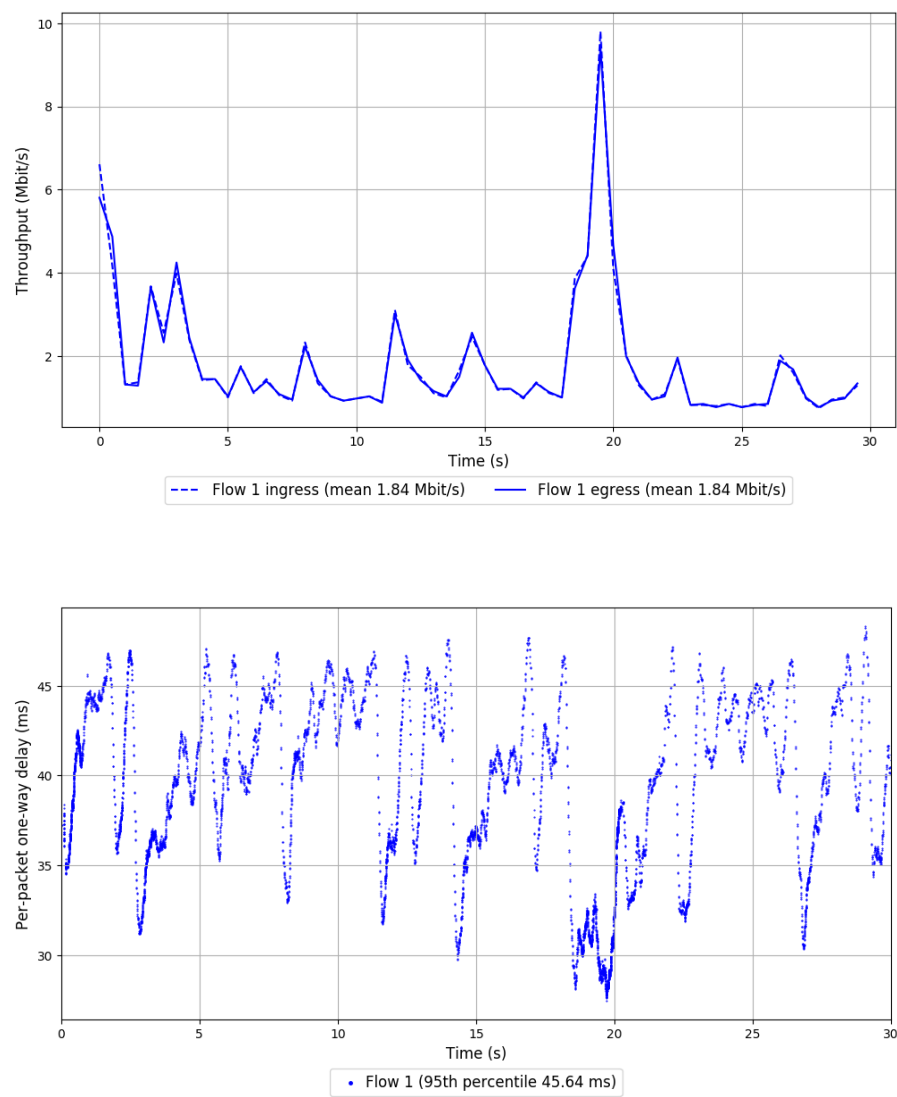


Run 1: Statistics of Copa

Start at: 2018-02-04 07:50:57  
End at: 2018-02-04 07:51:27  
Local clock offset: 0.339 ms  
Remote clock offset: -25.611 ms

# Below is generated by plot.py at 2018-02-04 11:57:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.84 Mbit/s  
95th percentile per-packet one-way delay: 45.637 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 1.84 Mbit/s  
95th percentile per-packet one-way delay: 45.637 ms  
Loss rate: 0.07%

Run 1: Report of Copa — Data Link

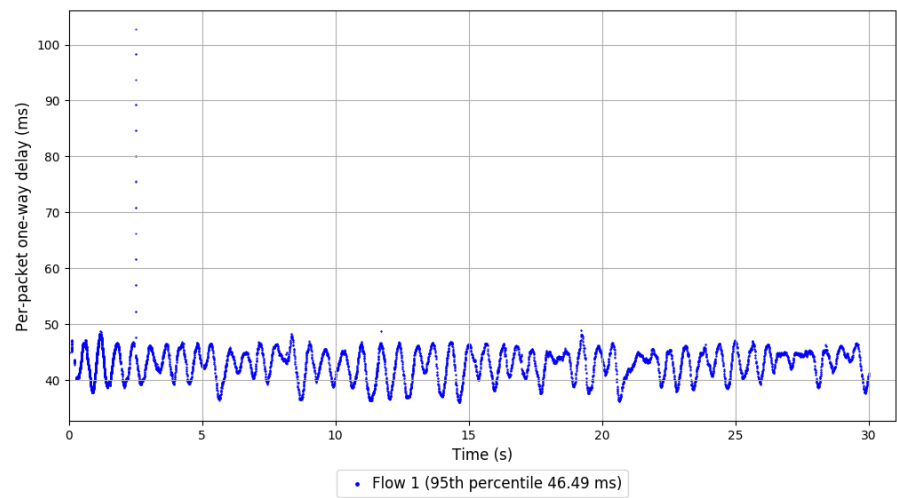
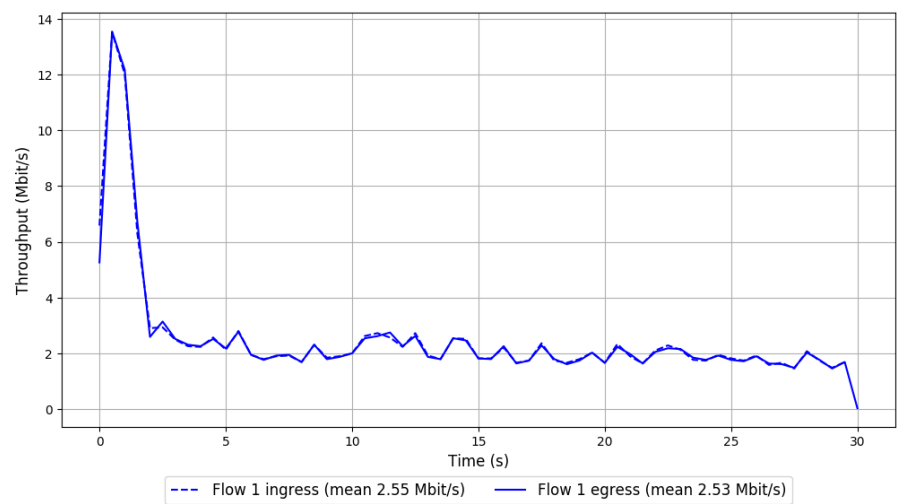


Run 2: Statistics of Copa

Start at: 2018-02-04 08:13:35  
End at: 2018-02-04 08:14:05  
Local clock offset: 0.149 ms  
Remote clock offset: -25.471 ms

# Below is generated by plot.py at 2018-02-04 11:57:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.53 Mbit/s  
95th percentile per-packet one-way delay: 46.492 ms  
Loss rate: 0.86%  
-- Flow 1:  
Average throughput: 2.53 Mbit/s  
95th percentile per-packet one-way delay: 46.492 ms  
Loss rate: 0.86%

Run 2: Report of Copa — Data Link



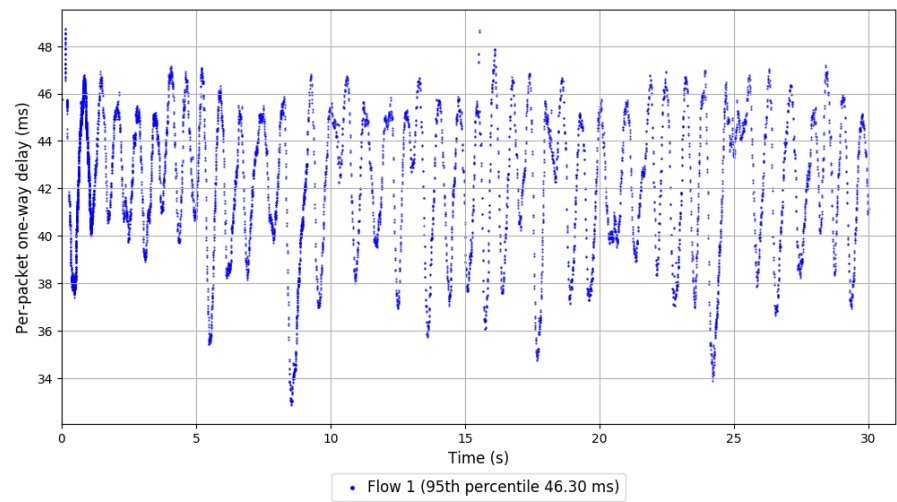
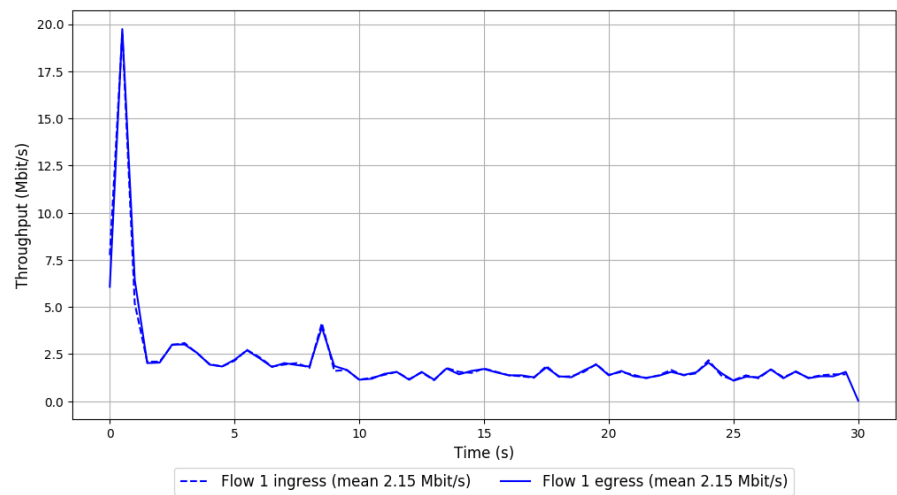
Run 3: Statistics of Copa

Start at: 2018-02-04 08:36:02  
End at: 2018-02-04 08:36:32  
Local clock offset: 2.07 ms  
Remote clock offset: -19.553 ms

# Below is generated by plot.py at 2018-02-04 11:57:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.15 Mbit/s  
95th percentile per-packet one-way delay: 46.305 ms  
Loss rate: 0.48%  
-- Flow 1:  
Average throughput: 2.15 Mbit/s  
95th percentile per-packet one-way delay: 46.305 ms  
Loss rate: 0.48%



Run 3: Report of Copa — Data Link

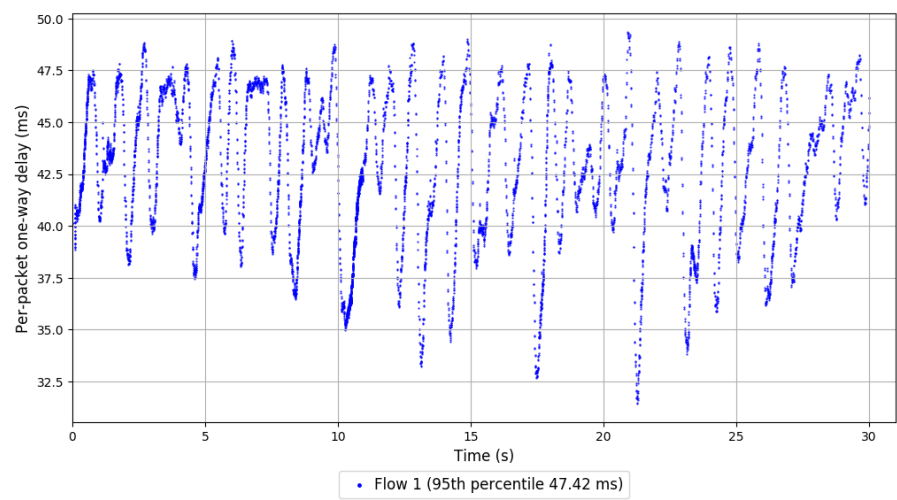
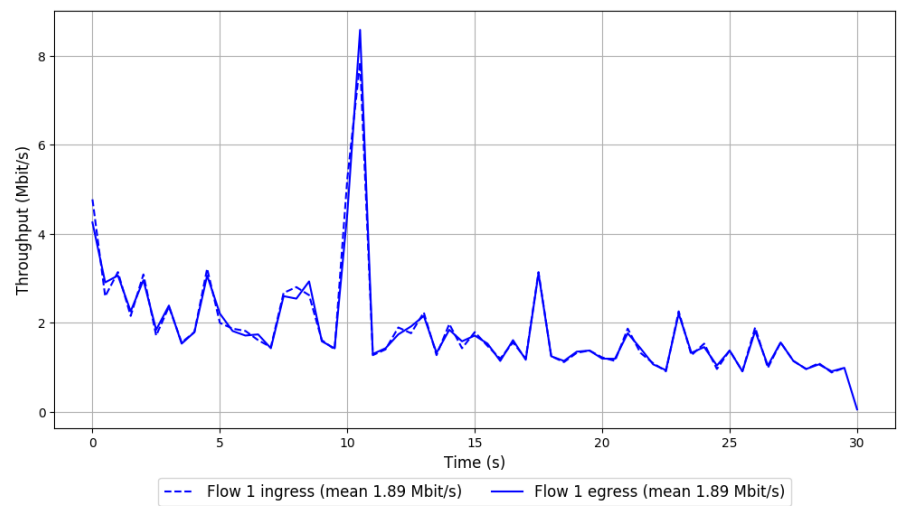


Run 4: Statistics of Copa

Start at: 2018-02-04 08:58:00  
End at: 2018-02-04 08:58:30  
Local clock offset: -0.382 ms  
Remote clock offset: -18.022 ms

# Below is generated by plot.py at 2018-02-04 11:57:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.89 Mbit/s  
95th percentile per-packet one-way delay: 47.418 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 1.89 Mbit/s  
95th percentile per-packet one-way delay: 47.418 ms  
Loss rate: 0.17%

Run 4: Report of Copa — Data Link

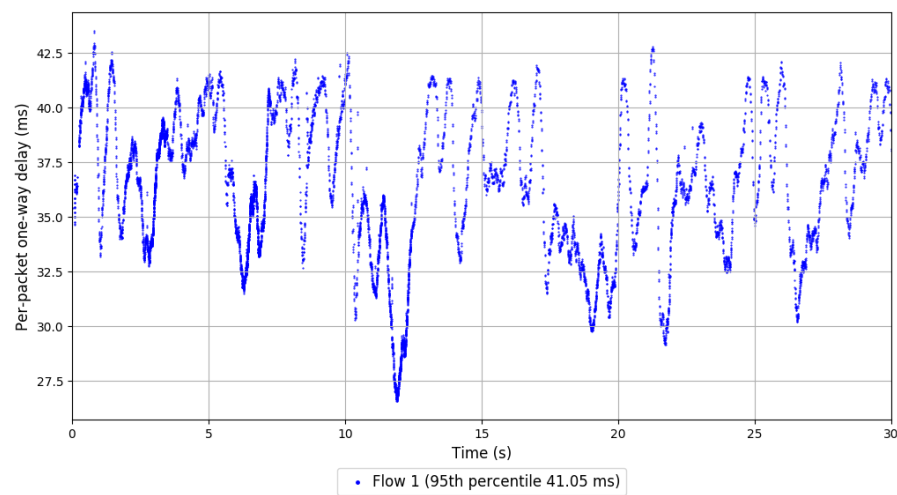
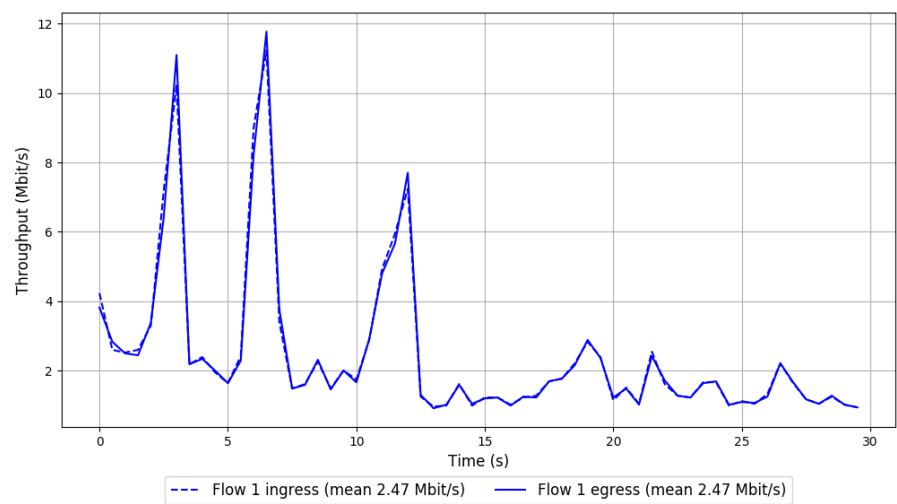


Run 5: Statistics of Copa

Start at: 2018-02-04 09:19:41  
End at: 2018-02-04 09:20:11  
Local clock offset: 1.159 ms  
Remote clock offset: -21.023 ms

# Below is generated by plot.py at 2018-02-04 11:57:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.47 Mbit/s  
95th percentile per-packet one-way delay: 41.046 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 2.47 Mbit/s  
95th percentile per-packet one-way delay: 41.046 ms  
Loss rate: 0.15%

Run 5: Report of Copa — Data Link

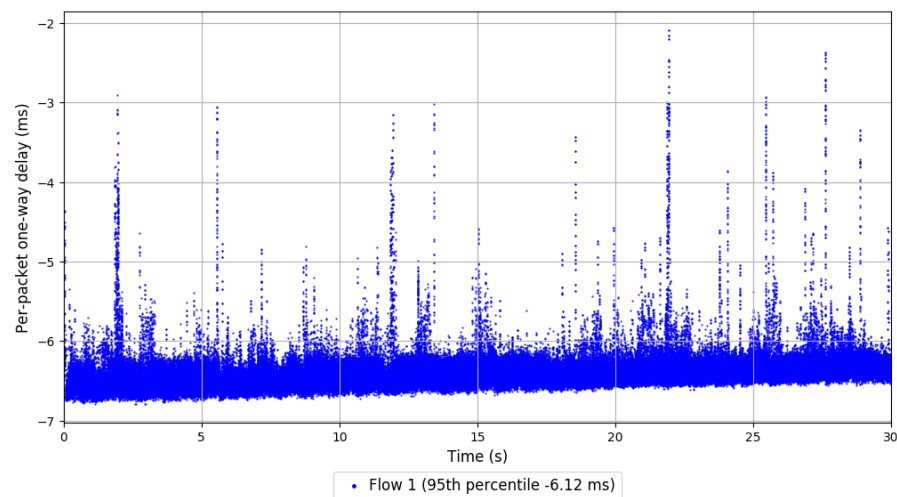
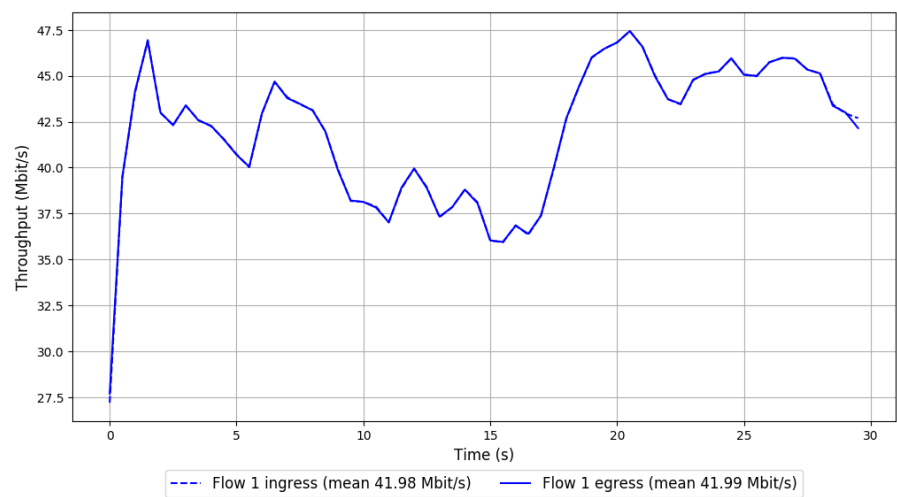


Run 6: Statistics of Copa

Start at: 2018-02-04 09:40:53  
End at: 2018-02-04 09:41:23  
Local clock offset: 0.48 ms  
Remote clock offset: -30.341 ms

# Below is generated by plot.py at 2018-02-04 11:58:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 41.99 Mbit/s  
95th percentile per-packet one-way delay: -6.125 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 41.99 Mbit/s  
95th percentile per-packet one-way delay: -6.125 ms  
Loss rate: 0.00%

Run 6: Report of Copa — Data Link



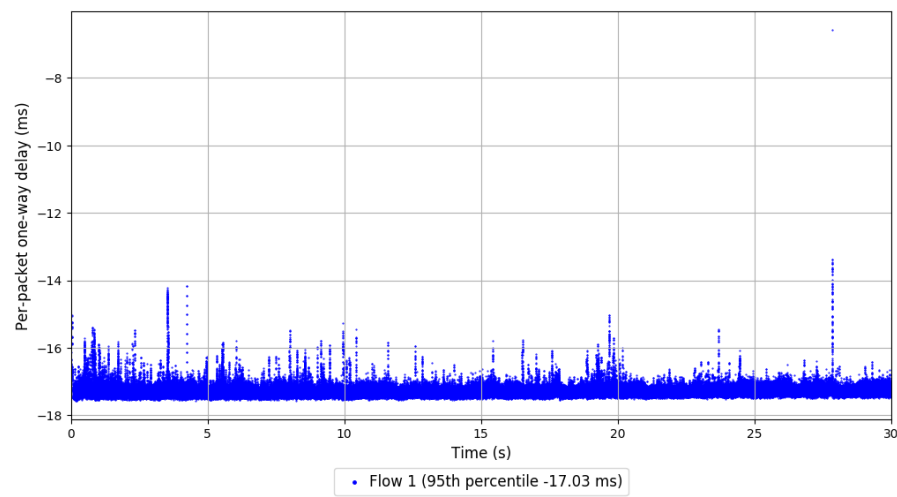
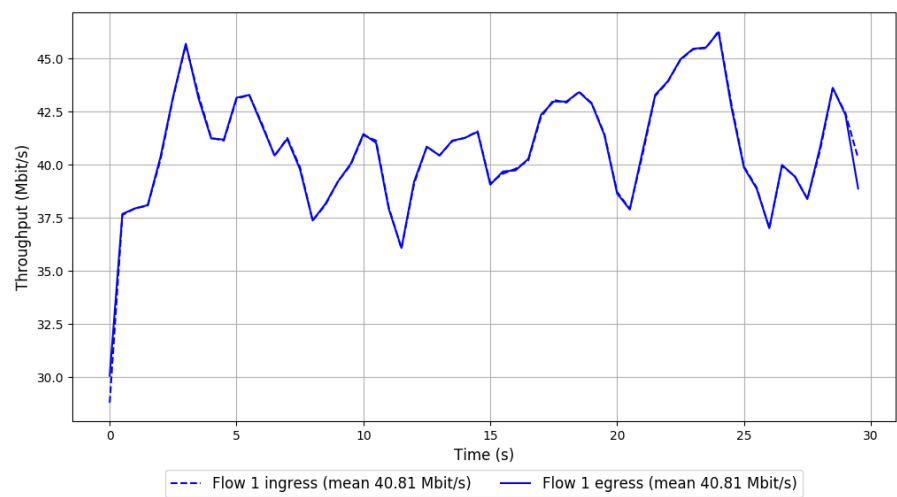
Run 7: Statistics of Copa

Start at: 2018-02-04 10:02:07  
End at: 2018-02-04 10:02:37  
Local clock offset: 2.964 ms  
Remote clock offset: -44.778 ms

# Below is generated by plot.py at 2018-02-04 11:58:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 40.81 Mbit/s  
95th percentile per-packet one-way delay: -17.028 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 40.81 Mbit/s  
95th percentile per-packet one-way delay: -17.028 ms  
Loss rate: 0.00%



Run 7: Report of Copa — Data Link

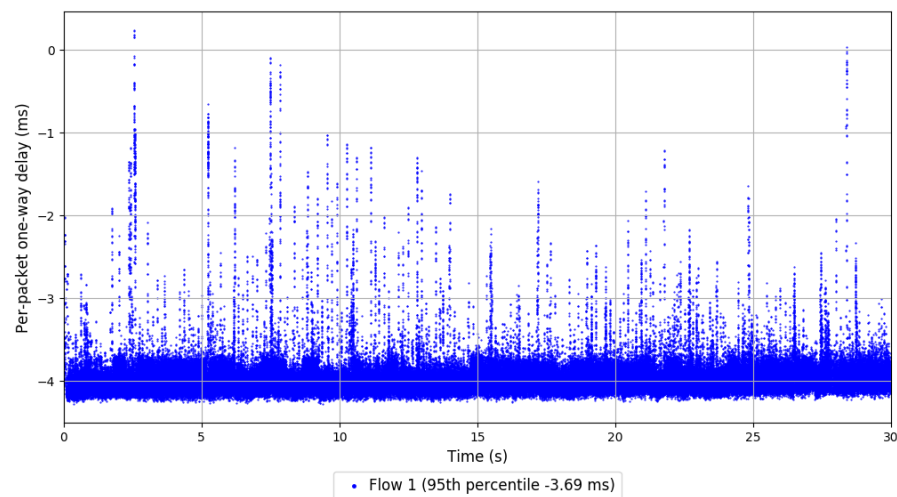
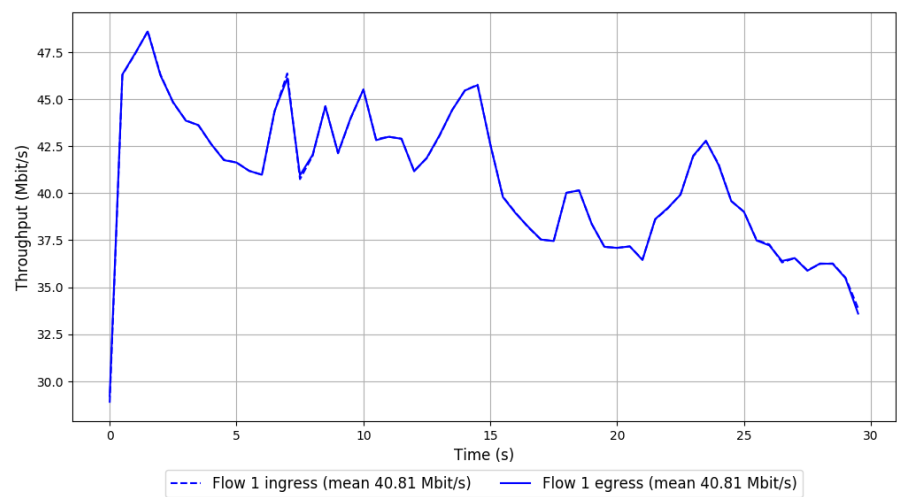


Run 8: Statistics of Copa

Start at: 2018-02-04 10:23:09  
End at: 2018-02-04 10:23:39  
Local clock offset: 1.645 ms  
Remote clock offset: -35.36 ms

# Below is generated by plot.py at 2018-02-04 11:58:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 40.81 Mbit/s  
95th percentile per-packet one-way delay: -3.693 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 40.81 Mbit/s  
95th percentile per-packet one-way delay: -3.693 ms  
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

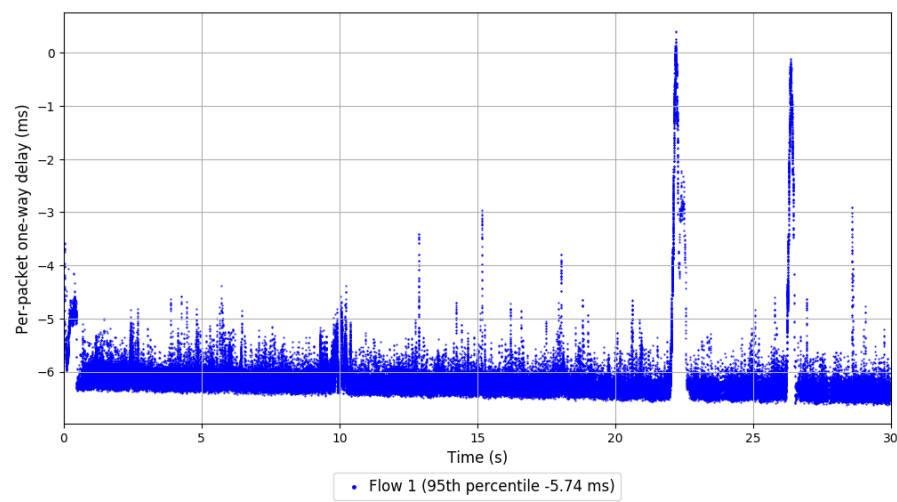
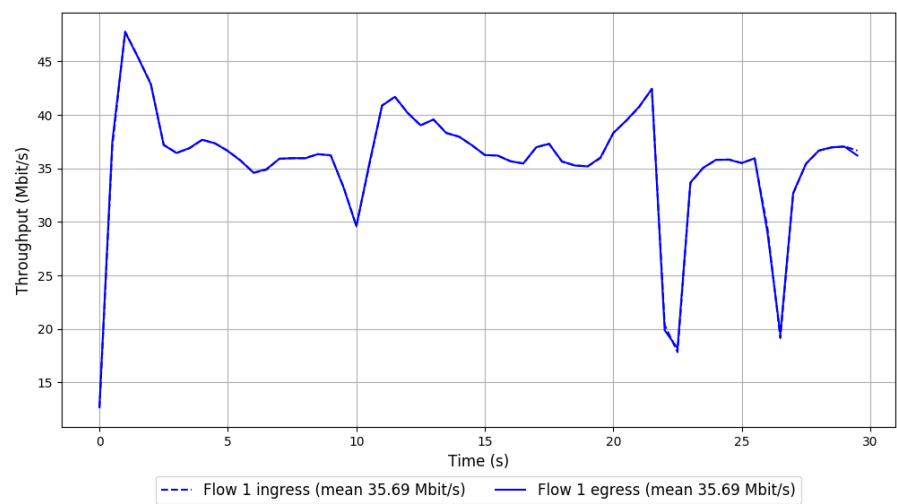


Run 9: Statistics of Copa

Start at: 2018-02-04 10:44:04  
End at: 2018-02-04 10:44:34  
Local clock offset: 4.034 ms  
Remote clock offset: -21.105 ms

# Below is generated by plot.py at 2018-02-04 11:58:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 35.69 Mbit/s  
95th percentile per-packet one-way delay: -5.744 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 35.69 Mbit/s  
95th percentile per-packet one-way delay: -5.744 ms  
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

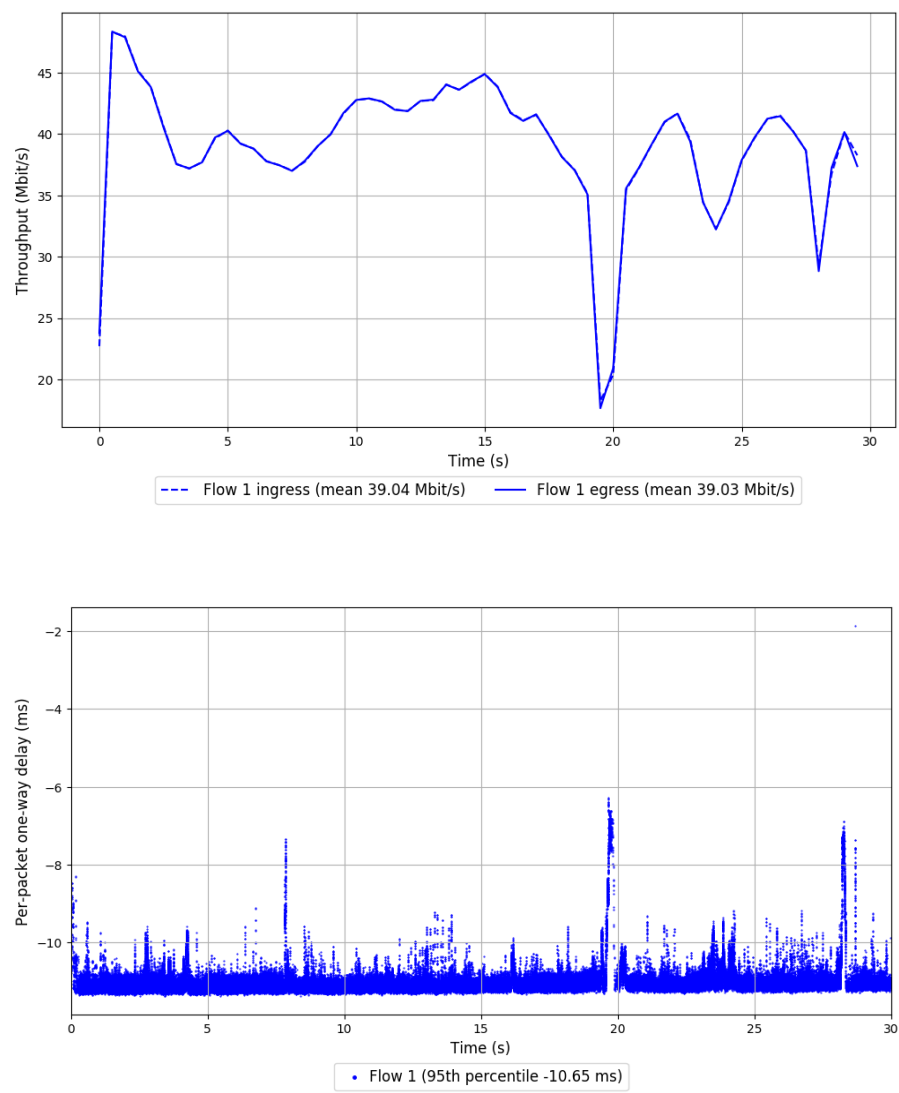


Run 10: Statistics of Copa

Start at: 2018-02-04 11:05:14  
End at: 2018-02-04 11:05:44  
Local clock offset: 1.407 ms  
Remote clock offset: -21.713 ms

# Below is generated by plot.py at 2018-02-04 11:58:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 39.03 Mbit/s  
95th percentile per-packet one-way delay: -10.647 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 39.03 Mbit/s  
95th percentile per-packet one-way delay: -10.647 ms  
Loss rate: 0.00%

Run 10: Report of Copa — Data Link



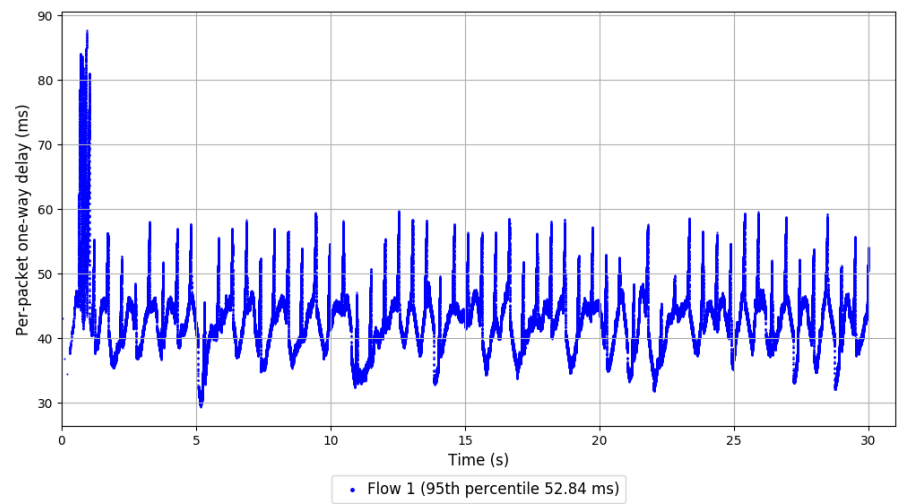
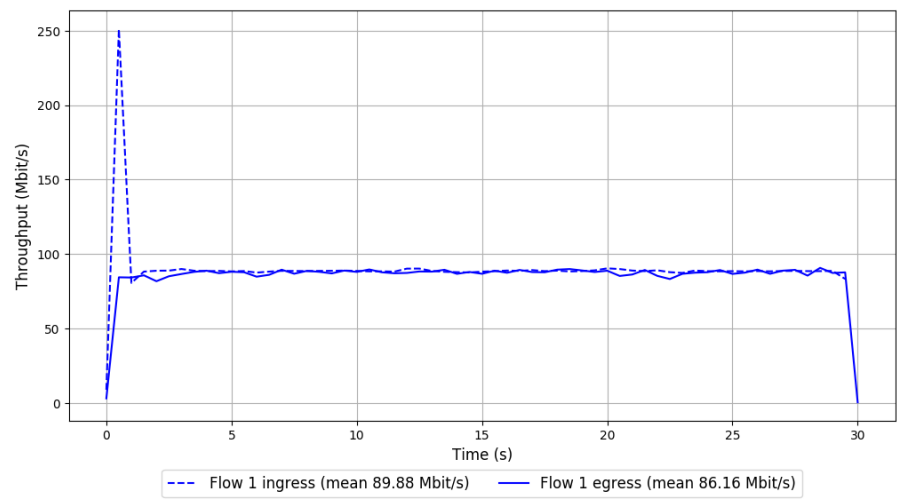
Run 1: Statistics of FillP

Start at: 2018-02-04 08:00:34  
End at: 2018-02-04 08:01:05  
Local clock offset: 1.919 ms  
Remote clock offset: -24.712 ms

# Below is generated by plot.py at 2018-02-04 11:59:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.16 Mbit/s  
95th percentile per-packet one-way delay: 52.844 ms  
Loss rate: 4.14%  
-- Flow 1:  
Average throughput: 86.16 Mbit/s  
95th percentile per-packet one-way delay: 52.844 ms  
Loss rate: 4.14%



Run 1: Report of FillP — Data Link

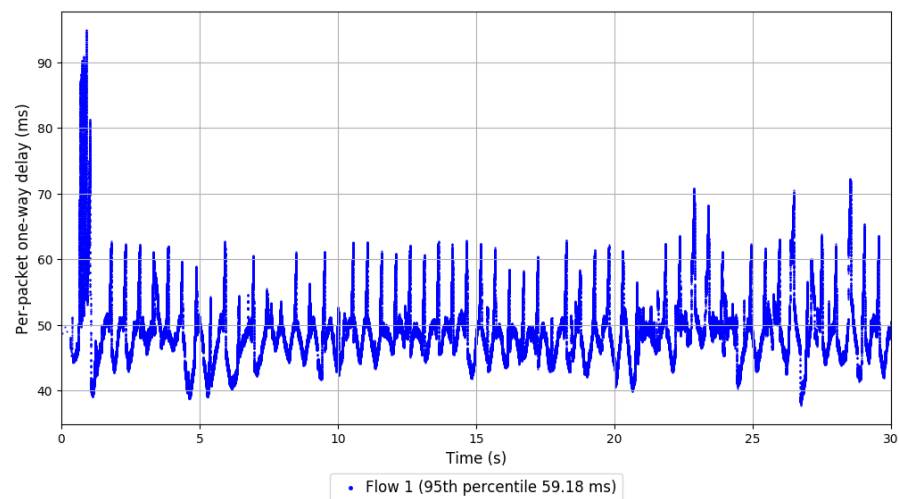
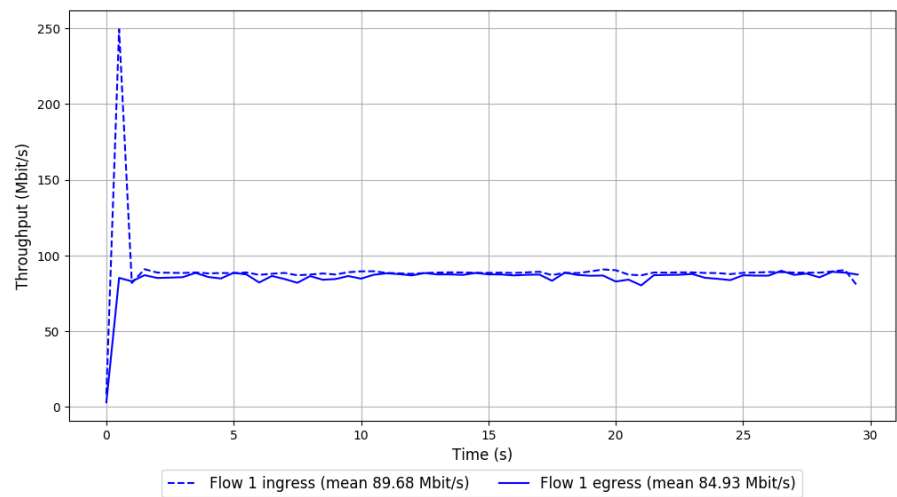


Run 2: Statistics of FillP

Start at: 2018-02-04 08:23:16  
End at: 2018-02-04 08:23:46  
Local clock offset: -1.437 ms  
Remote clock offset: -21.414 ms

# Below is generated by plot.py at 2018-02-04 12:00:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.93 Mbit/s  
95th percentile per-packet one-way delay: 59.183 ms  
Loss rate: 5.34%  
-- Flow 1:  
Average throughput: 84.93 Mbit/s  
95th percentile per-packet one-way delay: 59.183 ms  
Loss rate: 5.34%

Run 2: Report of FillP — Data Link

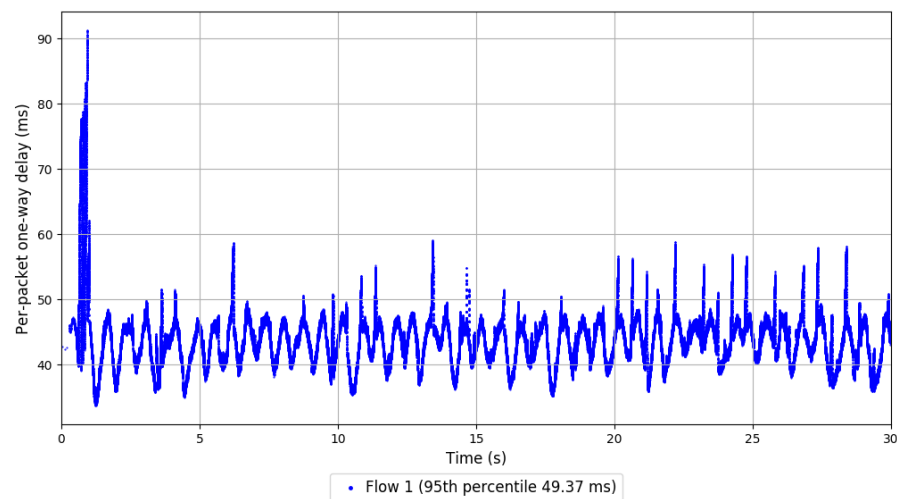
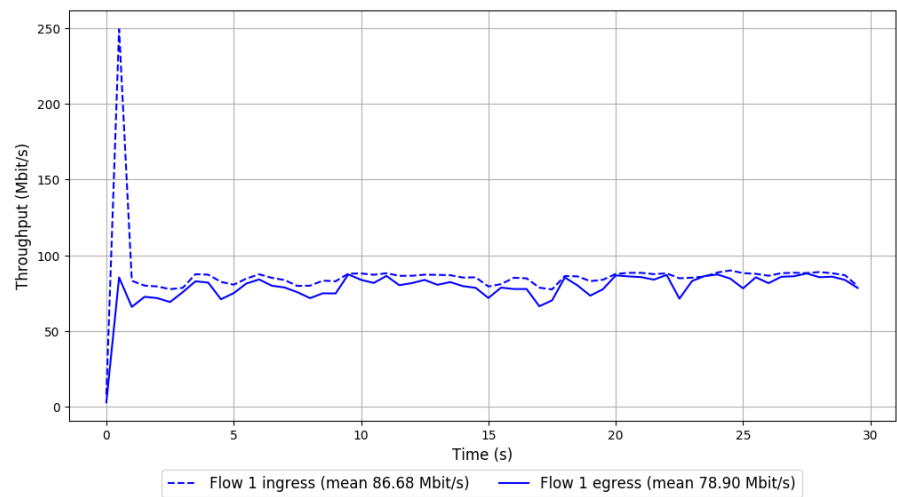


Run 3: Statistics of FillP

Start at: 2018-02-04 08:45:41  
End at: 2018-02-04 08:46:11  
Local clock offset: 1.419 ms  
Remote clock offset: -18.989 ms

# Below is generated by plot.py at 2018-02-04 12:00:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.90 Mbit/s  
95th percentile per-packet one-way delay: 49.367 ms  
Loss rate: 8.99%  
-- Flow 1:  
Average throughput: 78.90 Mbit/s  
95th percentile per-packet one-way delay: 49.367 ms  
Loss rate: 8.99%

Run 3: Report of FillP — Data Link

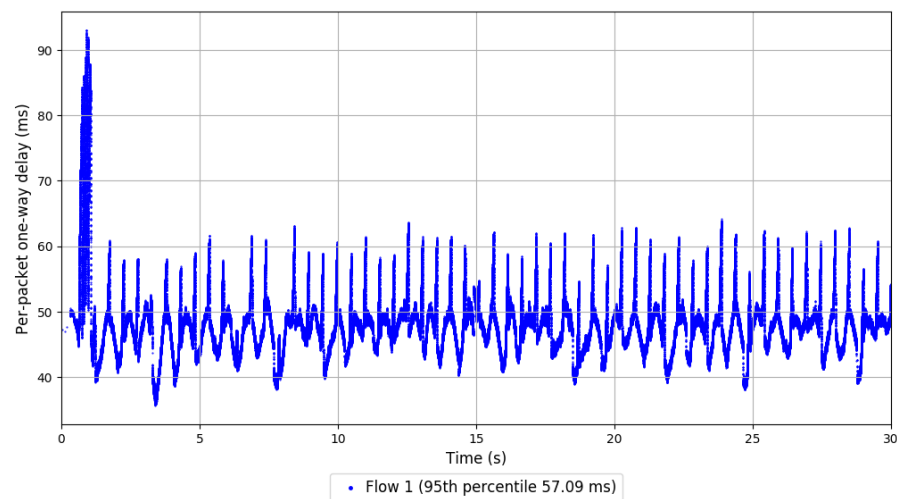
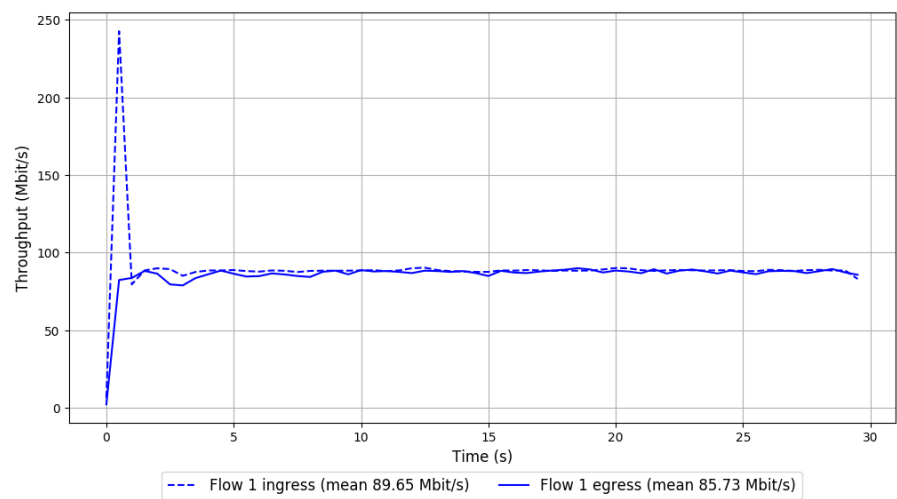


Run 4: Statistics of FillP

Start at: 2018-02-04 09:07:30  
End at: 2018-02-04 09:08:00  
Local clock offset: -3.26 ms  
Remote clock offset: -19.191 ms

# Below is generated by plot.py at 2018-02-04 12:00:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.73 Mbit/s  
95th percentile per-packet one-way delay: 57.086 ms  
Loss rate: 4.42%  
-- Flow 1:  
Average throughput: 85.73 Mbit/s  
95th percentile per-packet one-way delay: 57.086 ms  
Loss rate: 4.42%

Run 4: Report of FillP — Data Link



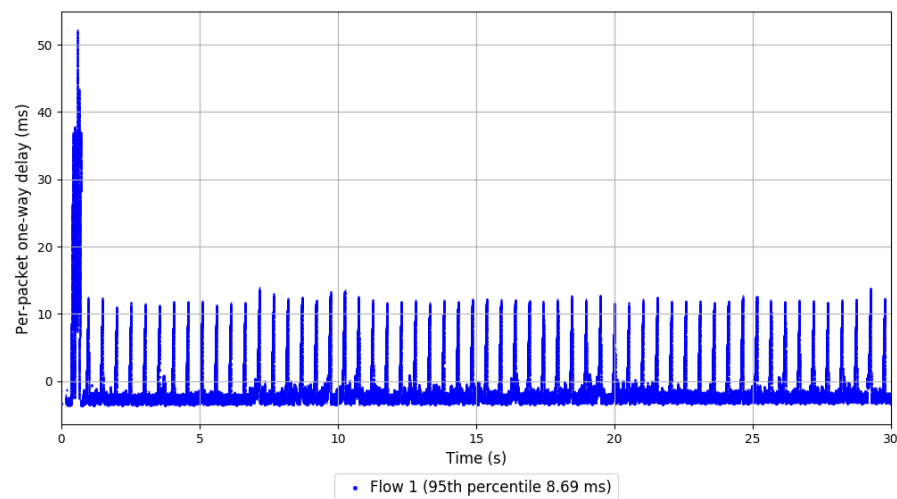
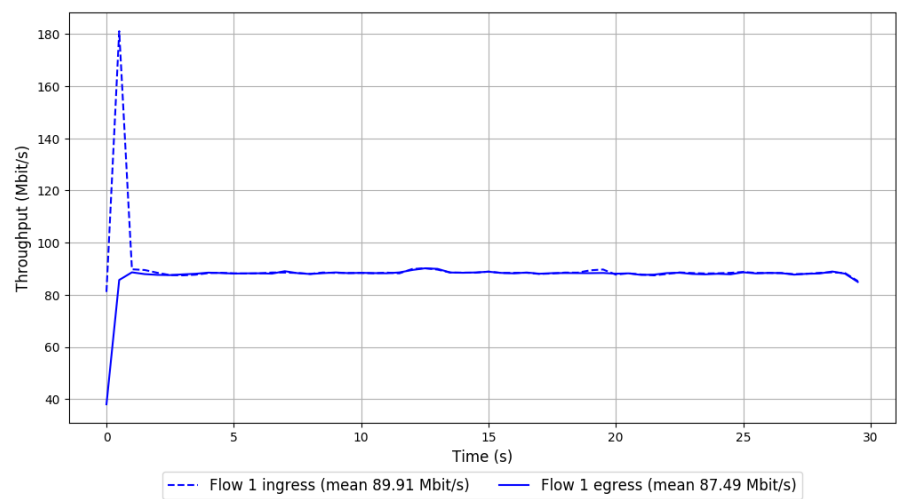
Run 5: Statistics of FillP

Start at: 2018-02-04 09:29:04  
End at: 2018-02-04 09:29:34  
Local clock offset: -3.876 ms  
Remote clock offset: -25.737 ms

# Below is generated by plot.py at 2018-02-04 12:00:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.49 Mbit/s  
95th percentile per-packet one-way delay: 8.693 ms  
Loss rate: 2.70%  
-- Flow 1:  
Average throughput: 87.49 Mbit/s  
95th percentile per-packet one-way delay: 8.693 ms  
Loss rate: 2.70%



Run 5: Report of FillP — Data Link

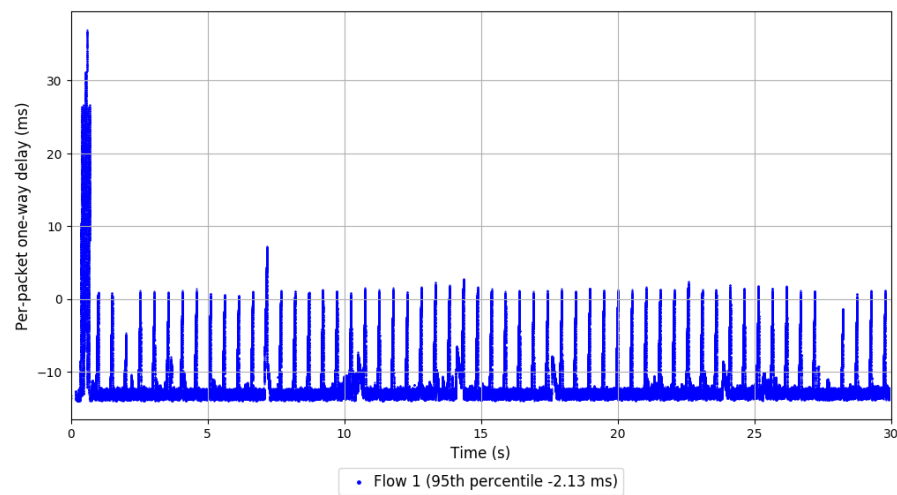
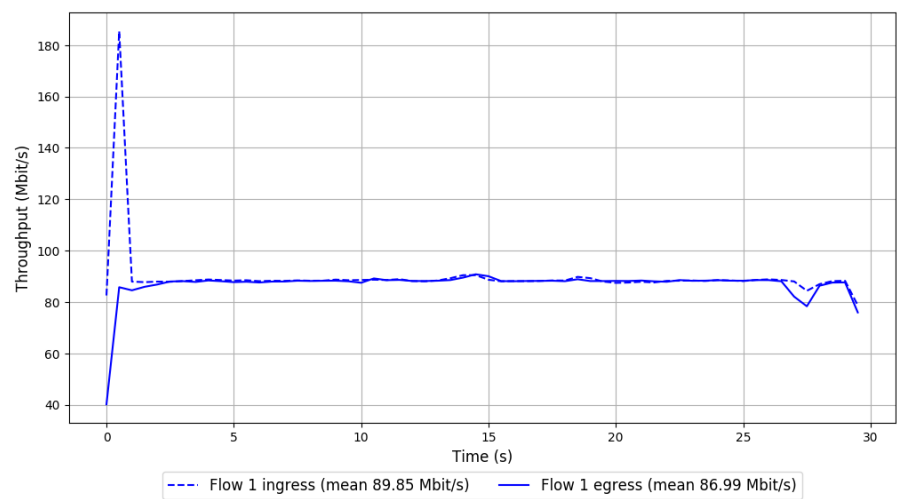


Run 6: Statistics of FillP

Start at: 2018-02-04 09:50:22  
End at: 2018-02-04 09:50:52  
Local clock offset: 0.222 ms  
Remote clock offset: -41.298 ms

# Below is generated by plot.py at 2018-02-04 12:00:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.99 Mbit/s  
95th percentile per-packet one-way delay: -2.126 ms  
Loss rate: 3.18%  
-- Flow 1:  
Average throughput: 86.99 Mbit/s  
95th percentile per-packet one-way delay: -2.126 ms  
Loss rate: 3.18%

Run 6: Report of FillP — Data Link

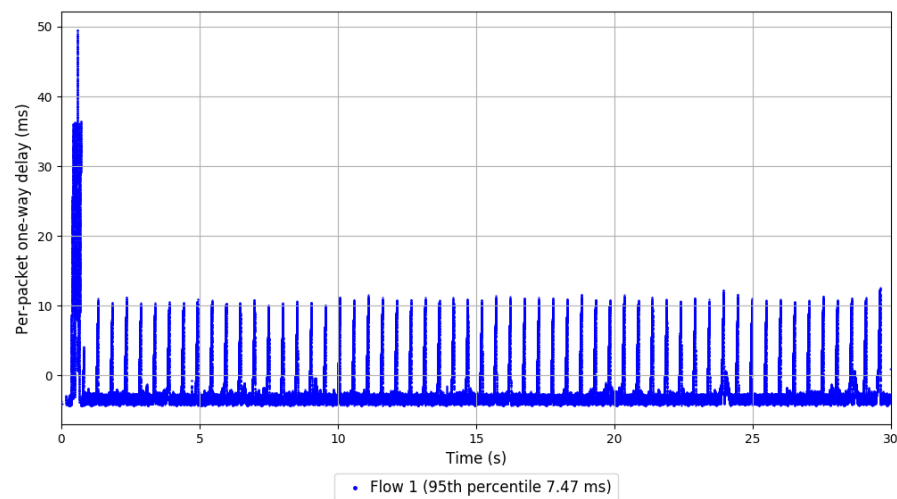
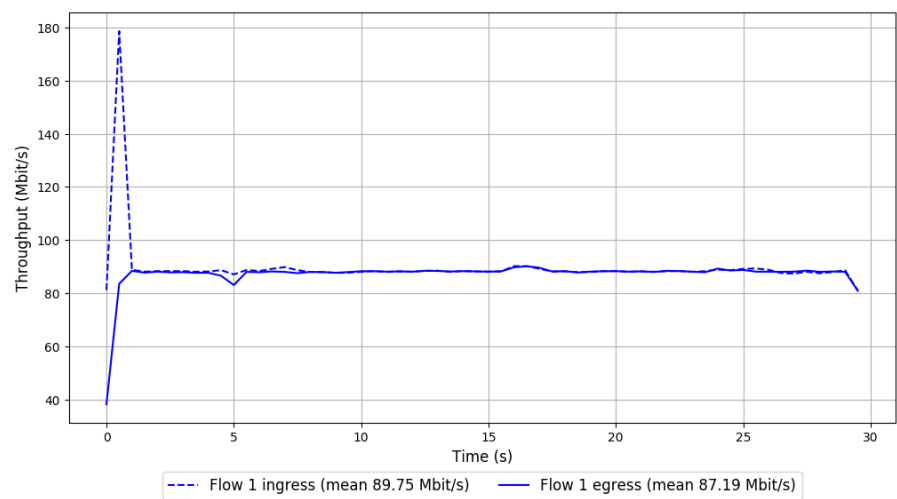


Run 7: Statistics of FillP

Start at: 2018-02-04 10:11:25  
End at: 2018-02-04 10:11:55  
Local clock offset: 1.324 ms  
Remote clock offset: -34.418 ms

# Below is generated by plot.py at 2018-02-04 12:00:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.19 Mbit/s  
95th percentile per-packet one-way delay: 7.473 ms  
Loss rate: 2.83%  
-- Flow 1:  
Average throughput: 87.19 Mbit/s  
95th percentile per-packet one-way delay: 7.473 ms  
Loss rate: 2.83%

Run 7: Report of FillP — Data Link

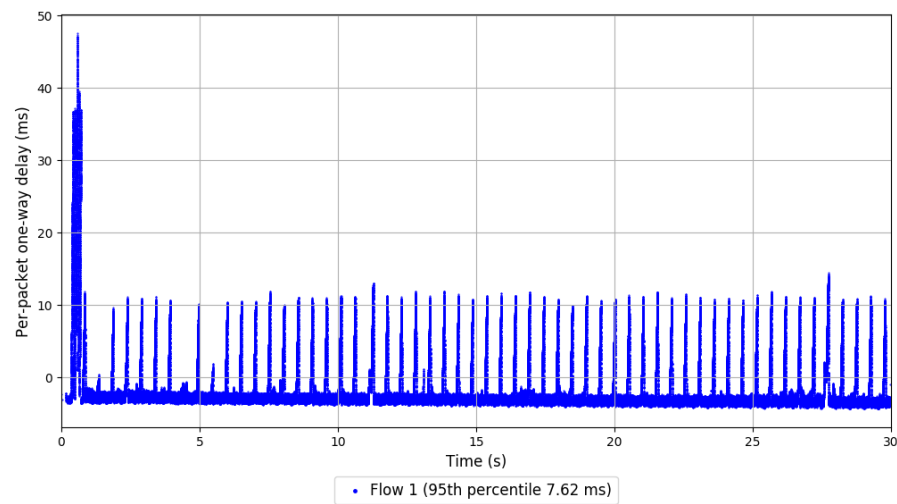
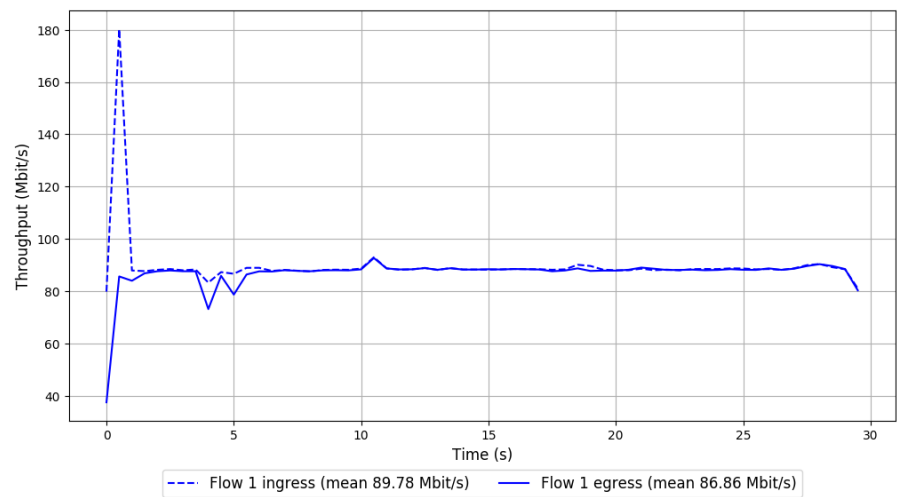


Run 8: Statistics of FillP

Start at: 2018-02-04 10:32:25  
End at: 2018-02-04 10:32:55  
Local clock offset: 0.188 ms  
Remote clock offset: -33.284 ms

# Below is generated by plot.py at 2018-02-04 12:01:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.86 Mbit/s  
95th percentile per-packet one-way delay: 7.619 ms  
Loss rate: 3.25%  
-- Flow 1:  
Average throughput: 86.86 Mbit/s  
95th percentile per-packet one-way delay: 7.619 ms  
Loss rate: 3.25%

Run 8: Report of FillP — Data Link



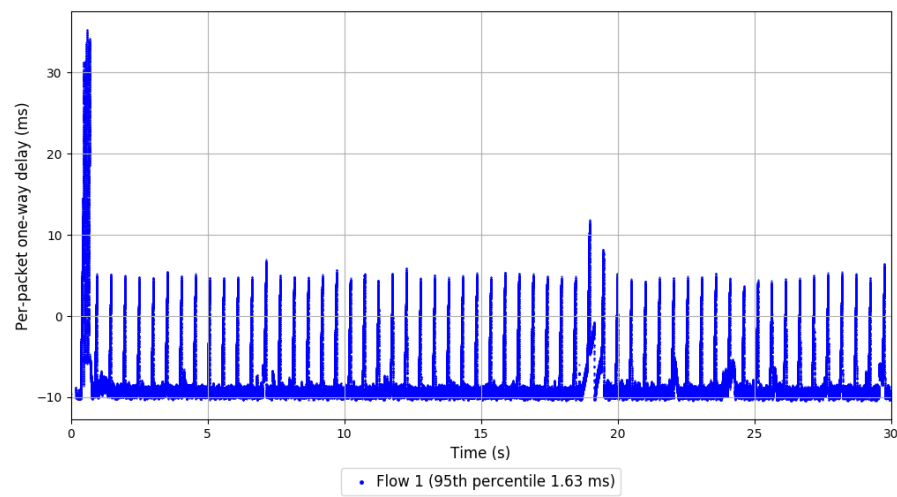
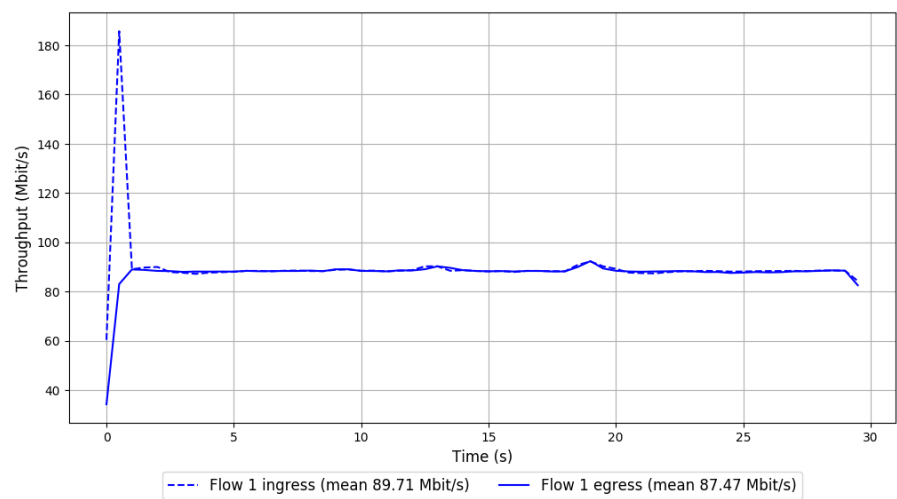
Run 9: Statistics of FillP

Start at: 2018-02-04 10:53:22  
End at: 2018-02-04 10:53:52  
Local clock offset: 2.662 ms  
Remote clock offset: -22.05 ms

# Below is generated by plot.py at 2018-02-04 12:02:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.47 Mbit/s  
95th percentile per-packet one-way delay: 1.632 ms  
Loss rate: 2.50%  
-- Flow 1:  
Average throughput: 87.47 Mbit/s  
95th percentile per-packet one-way delay: 1.632 ms  
Loss rate: 2.50%



Run 9: Report of FillP — Data Link

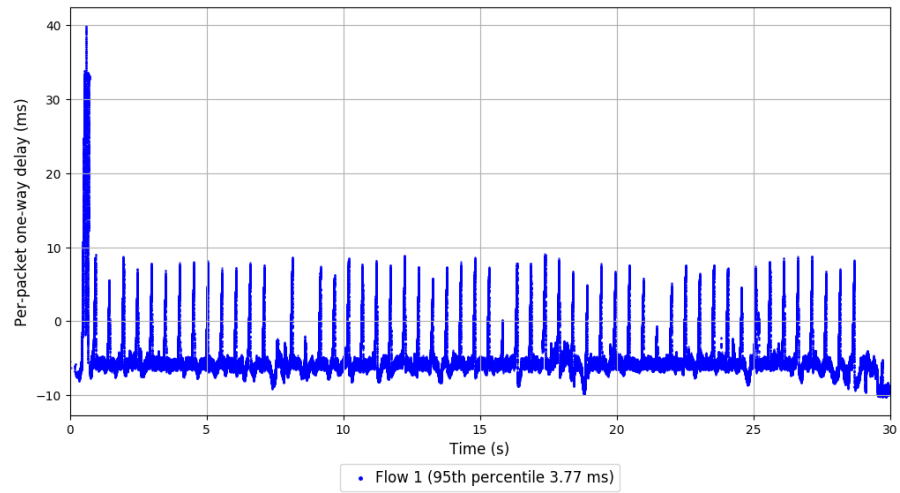
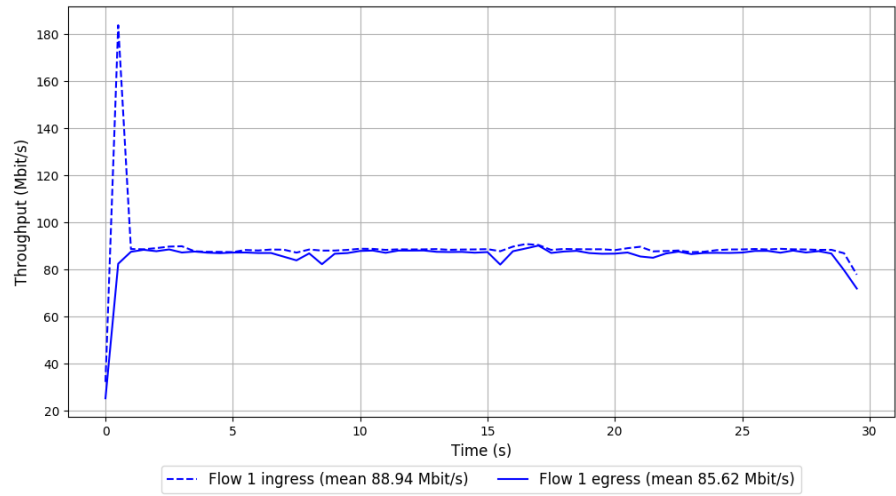


Run 10: Statistics of FillP

Start at: 2018-02-04 11:14:34  
End at: 2018-02-04 11:15:04  
Local clock offset: 4.825 ms  
Remote clock offset: -22.49 ms

# Below is generated by plot.py at 2018-02-04 12:02:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.62 Mbit/s  
95th percentile per-packet one-way delay: 3.765 ms  
Loss rate: 3.75%  
-- Flow 1:  
Average throughput: 85.62 Mbit/s  
95th percentile per-packet one-way delay: 3.765 ms  
Loss rate: 3.75%

## Run 10: Report of FillP — Data Link

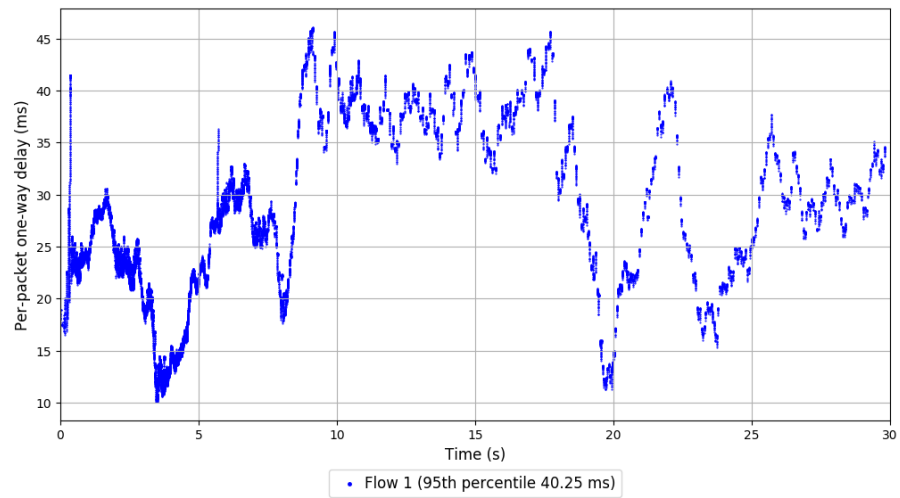
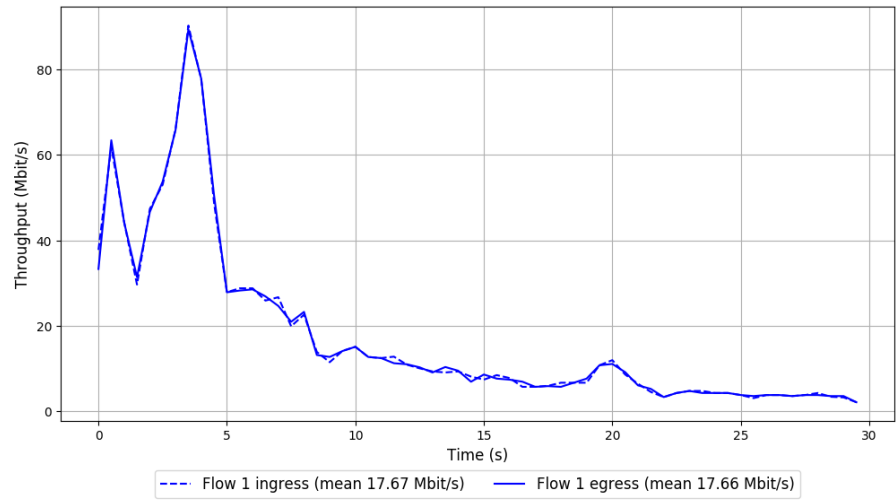


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-04 07:43:44
End at: 2018-02-04 07:44:14
Local clock offset: 4.265 ms
Remote clock offset: -25.035 ms

# Below is generated by plot.py at 2018-02-04 12:02:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.66 Mbit/s
95th percentile per-packet one-way delay: 40.252 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 17.66 Mbit/s
95th percentile per-packet one-way delay: 40.252 ms
Loss rate: 0.01%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-02-04 08:05:43

End at: 2018-02-04 08:06:13

Local clock offset: 4.396 ms

Remote clock offset: -23.664 ms

# Below is generated by plot.py at 2018-02-04 12:02:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 36.25 Mbit/s

95th percentile per-packet one-way delay: 45.156 ms

Loss rate: 0.69%

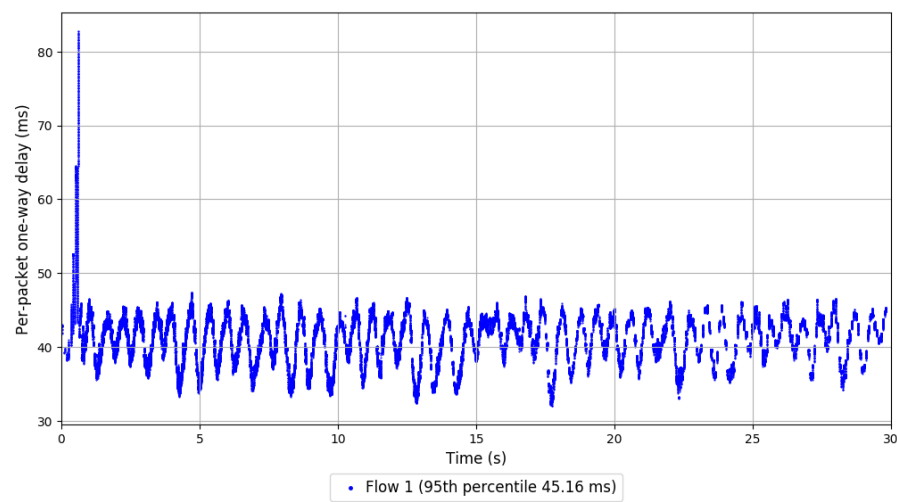
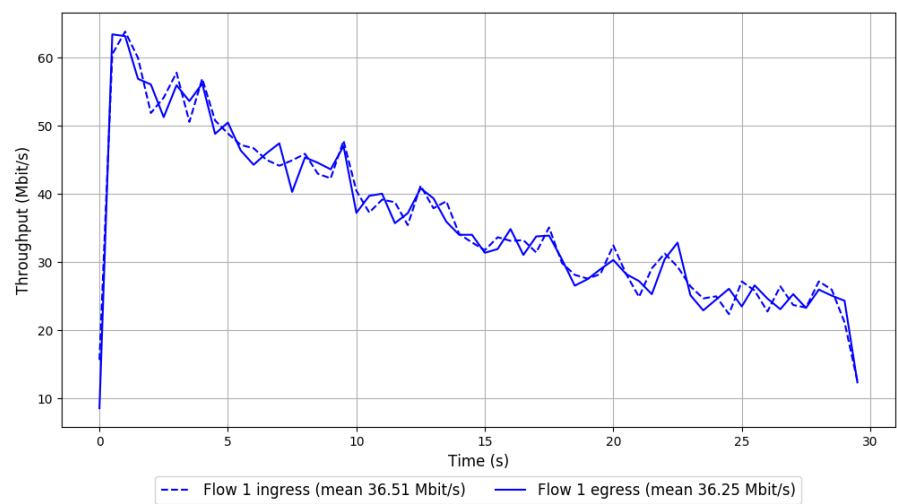
-- Flow 1:

Average throughput: 36.25 Mbit/s

95th percentile per-packet one-way delay: 45.156 ms

Loss rate: 0.69%

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



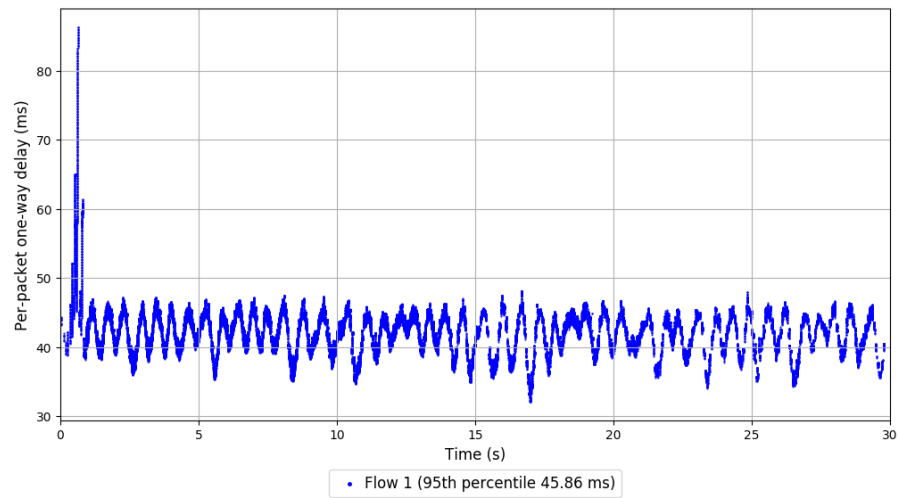
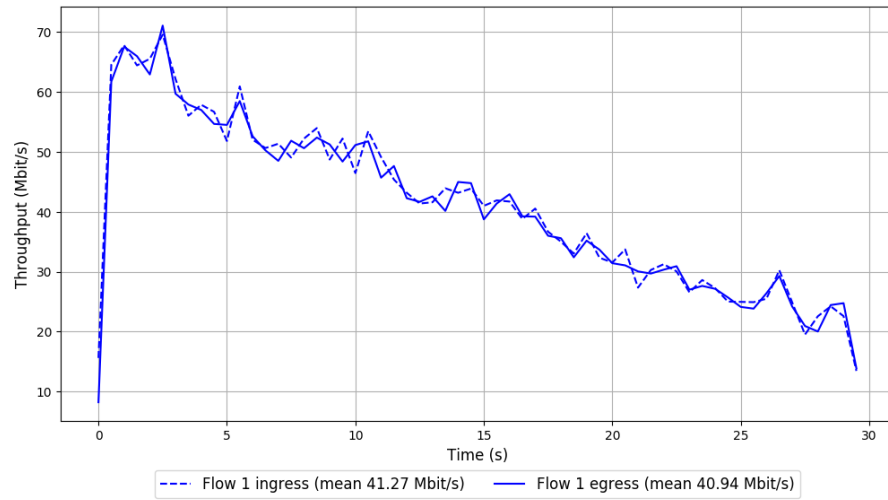
Run 3: Statistics of Indigo-1-32

Start at: 2018-02-04 08:28:11  
End at: 2018-02-04 08:28:41  
Local clock offset: 3.724 ms  
Remote clock offset: -20.77 ms

# Below is generated by plot.py at 2018-02-04 12:02:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 40.94 Mbit/s  
95th percentile per-packet one-way delay: 45.860 ms  
Loss rate: 0.87%  
-- Flow 1:  
Average throughput: 40.94 Mbit/s  
95th percentile per-packet one-way delay: 45.860 ms  
Loss rate: 0.87%



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



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-04 08:50:37

End at: 2018-02-04 08:51:07

Local clock offset: 1.84 ms

Remote clock offset: -19.962 ms

# Below is generated by plot.py at 2018-02-04 12:02:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 23.78 Mbit/s

95th percentile per-packet one-way delay: 45.954 ms

Loss rate: 0.69%

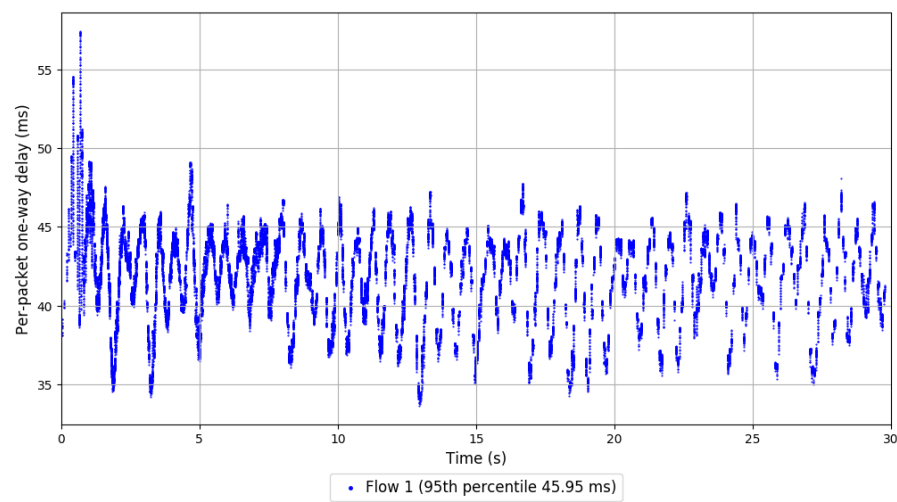
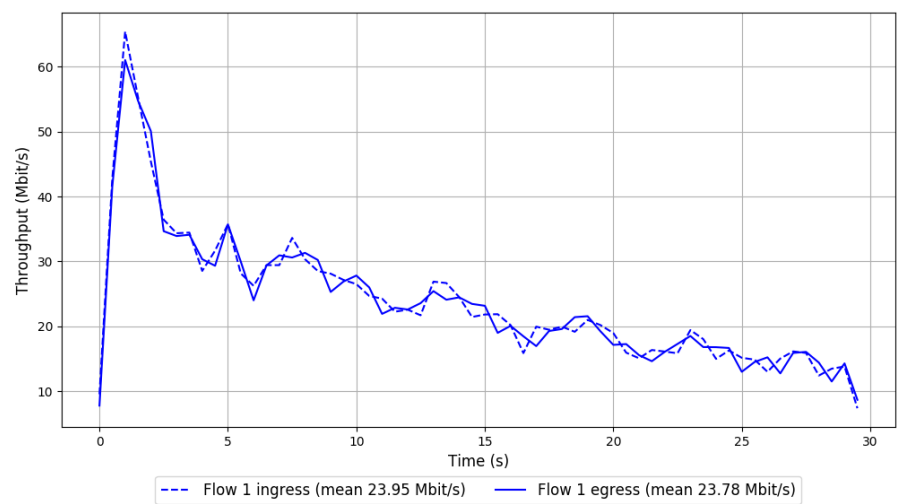
-- Flow 1:

Average throughput: 23.78 Mbit/s

95th percentile per-packet one-way delay: 45.954 ms

Loss rate: 0.69%

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

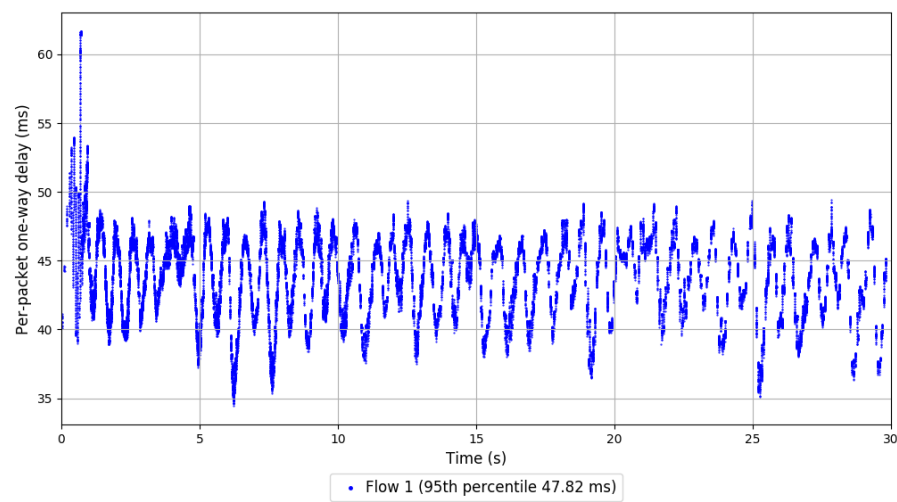
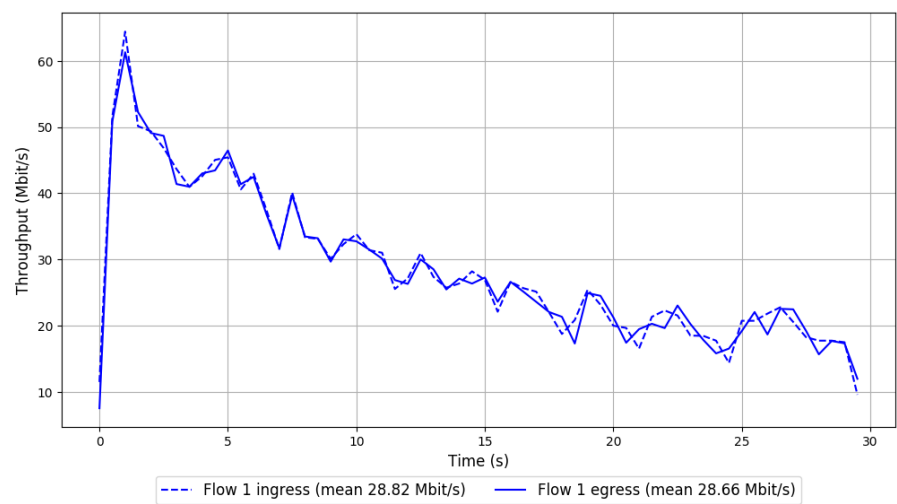


Run 5: Statistics of Indigo-1-32

Start at: 2018-02-04 09:12:17  
End at: 2018-02-04 09:12:47  
Local clock offset: -0.946 ms  
Remote clock offset: -19.057 ms

# Below is generated by plot.py at 2018-02-04 12:02:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 28.66 Mbit/s  
95th percentile per-packet one-way delay: 47.821 ms  
Loss rate: 0.52%  
-- Flow 1:  
Average throughput: 28.66 Mbit/s  
95th percentile per-packet one-way delay: 47.821 ms  
Loss rate: 0.52%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-04 09:33:46

End at: 2018-02-04 09:34:16

Local clock offset: 1.4 ms

Remote clock offset: -27.0 ms

# Below is generated by plot.py at 2018-02-04 12:02:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.01 Mbit/s

95th percentile per-packet one-way delay: -5.476 ms

Loss rate: 0.21%

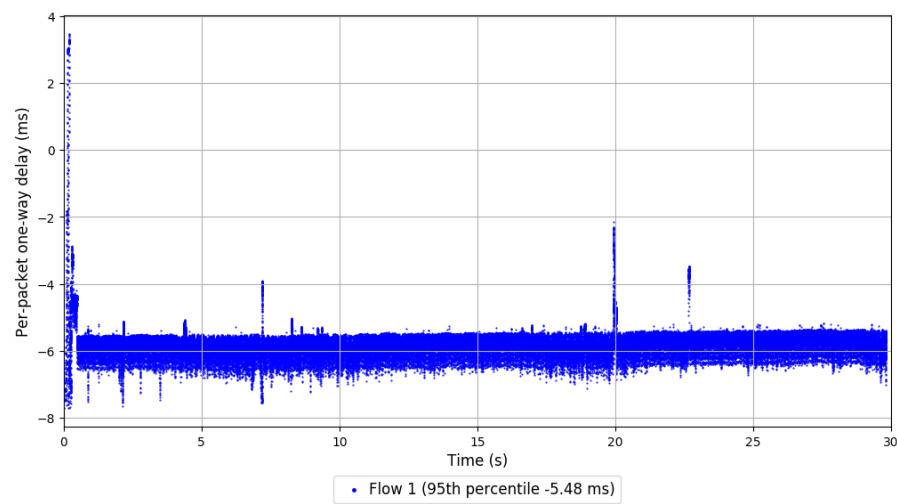
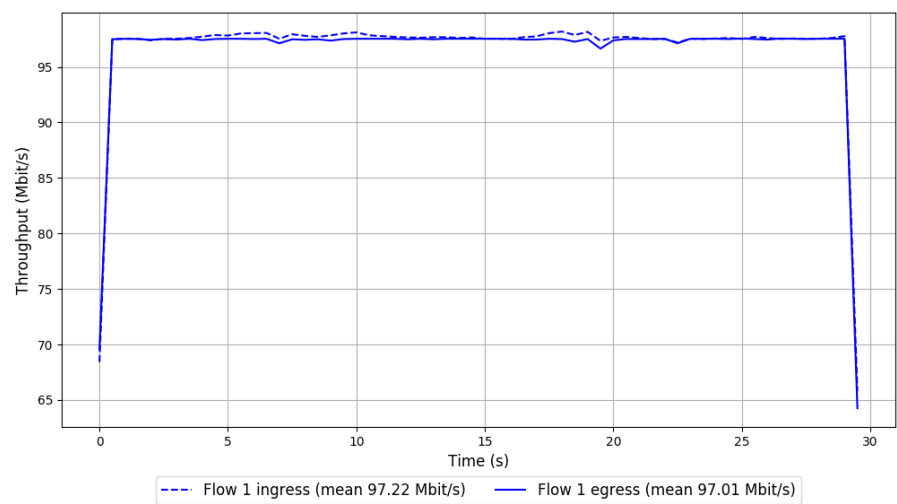
-- Flow 1:

Average throughput: 97.01 Mbit/s

95th percentile per-packet one-way delay: -5.476 ms

Loss rate: 0.21%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-02-04 09:55:01

End at: 2018-02-04 09:55:32

Local clock offset: -0.261 ms

Remote clock offset: -31.254 ms

# Below is generated by plot.py at 2018-02-04 12:02:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.17 Mbit/s

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

Loss rate: 2.25%

-- Flow 1:

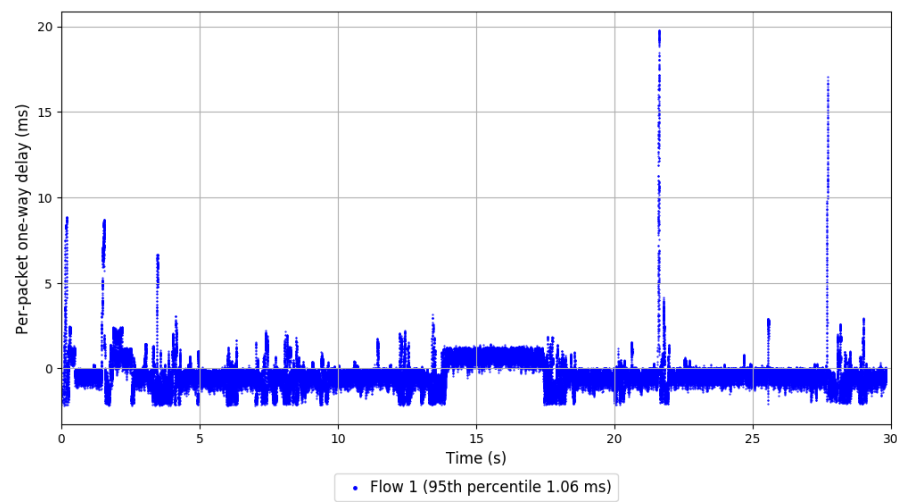
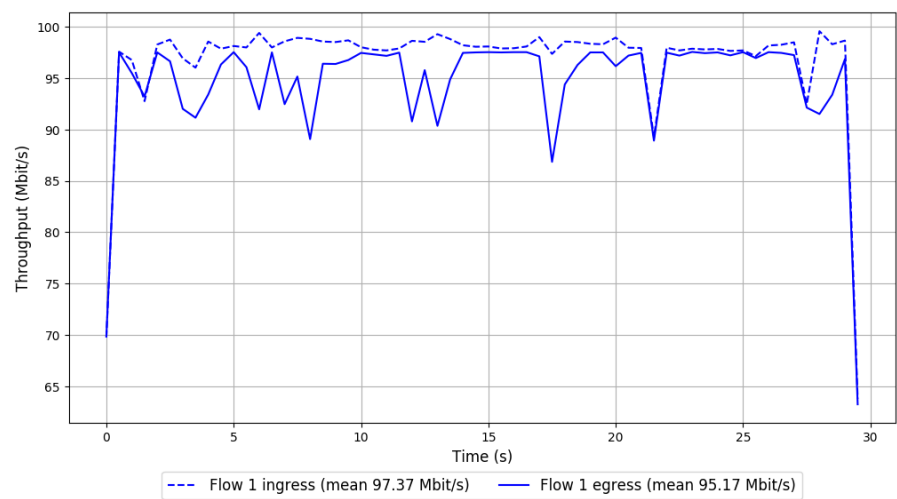
Average throughput: 95.17 Mbit/s

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

Loss rate: 2.25%



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

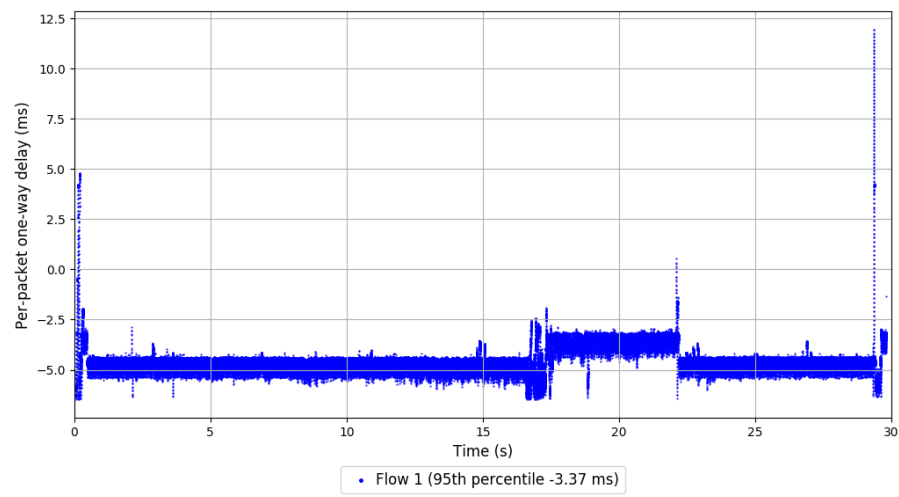
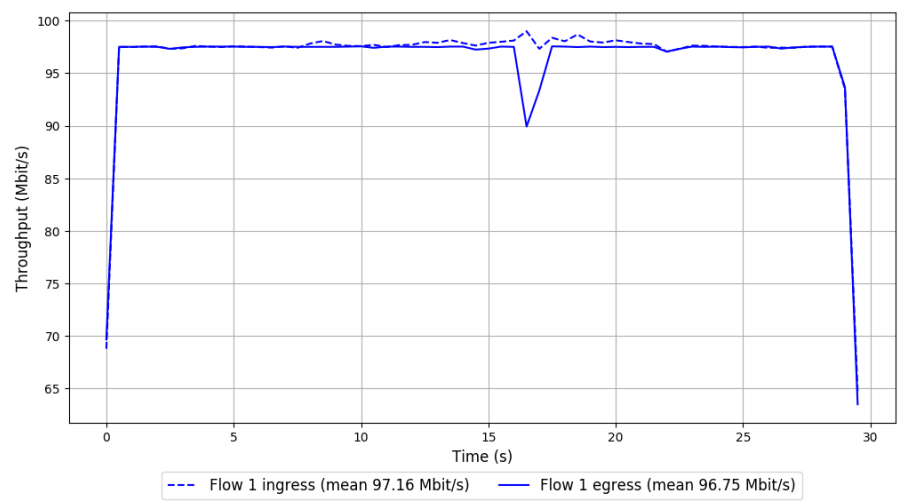


Run 8: Statistics of Indigo-1-32

Start at: 2018-02-04 10:16:00  
End at: 2018-02-04 10:16:30  
Local clock offset: 1.818 ms  
Remote clock offset: -36.397 ms

# Below is generated by plot.py at 2018-02-04 12:02:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.75 Mbit/s  
95th percentile per-packet one-way delay: -3.372 ms  
Loss rate: 0.41%  
-- Flow 1:  
Average throughput: 96.75 Mbit/s  
95th percentile per-packet one-way delay: -3.372 ms  
Loss rate: 0.41%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-02-04 10:37:05

End at: 2018-02-04 10:37:35

Local clock offset: 4.265 ms

Remote clock offset: -27.218 ms

# Below is generated by plot.py at 2018-02-04 12:02:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.97 Mbit/s

95th percentile per-packet one-way delay: -4.498 ms

Loss rate: 0.09%

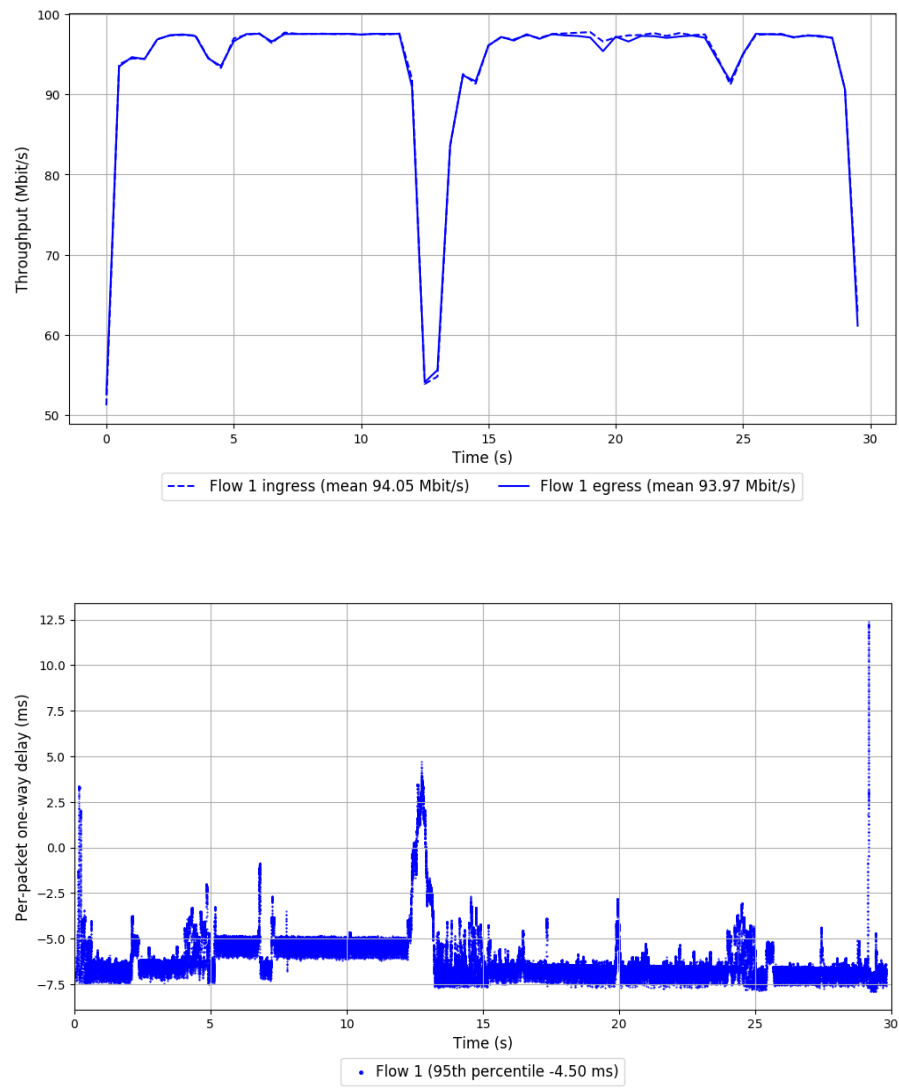
-- Flow 1:

Average throughput: 93.97 Mbit/s

95th percentile per-packet one-way delay: -4.498 ms

Loss rate: 0.09%

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

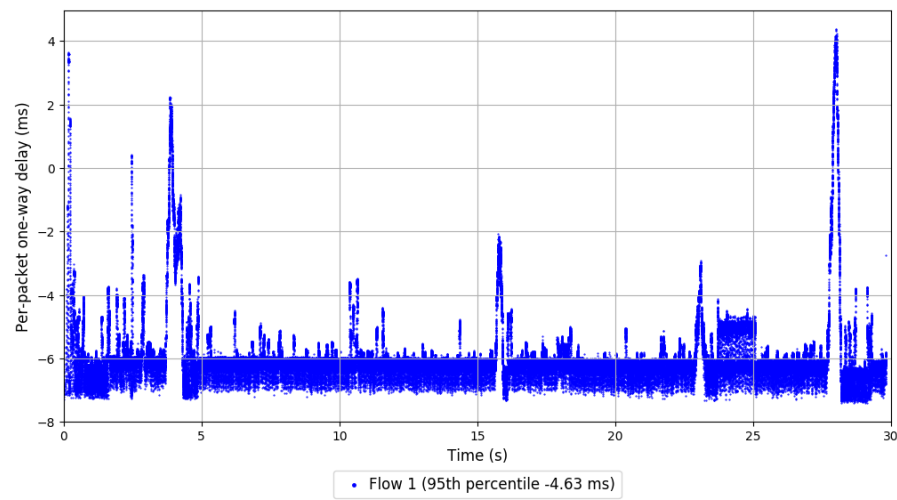
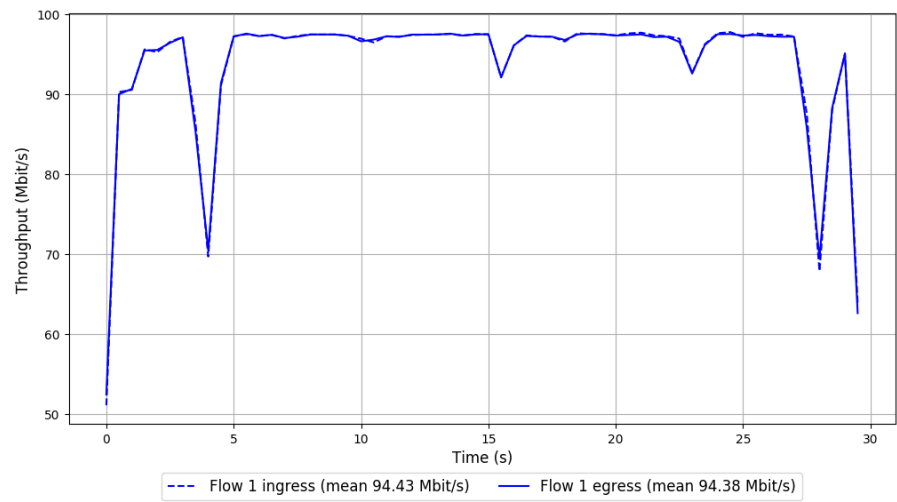


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-04 10:58:02  
End at: 2018-02-04 10:58:32  
Local clock offset: 2.008 ms  
Remote clock offset: -18.516 ms

# Below is generated by plot.py at 2018-02-04 12:02:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.38 Mbit/s  
95th percentile per-packet one-way delay: -4.631 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 94.38 Mbit/s  
95th percentile per-packet one-way delay: -4.631 ms  
Loss rate: 0.04%

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



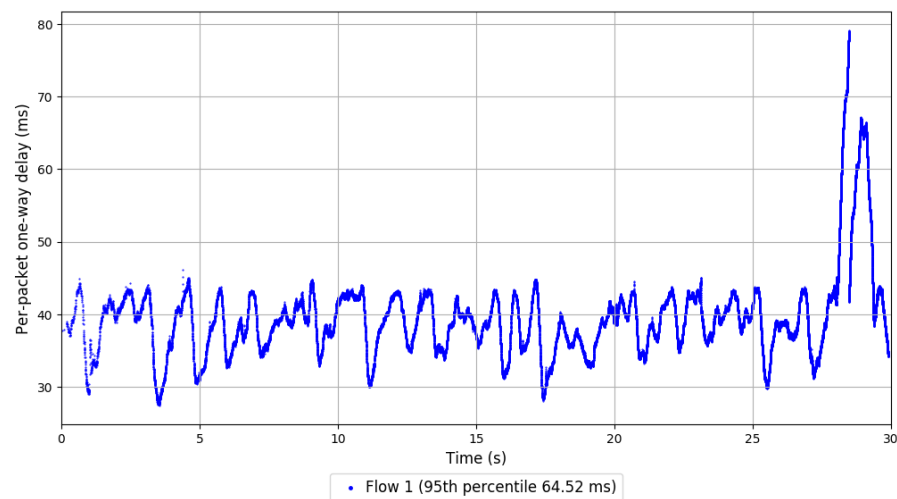
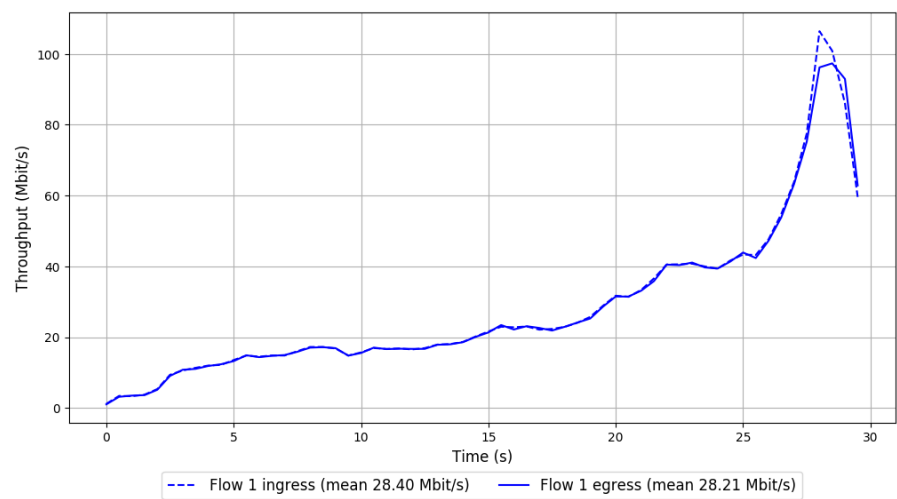
Run 1: Statistics of Vivace-latency

Start at: 2018-02-04 07:55:49  
End at: 2018-02-04 07:56:19  
Local clock offset: 3.051 ms  
Remote clock offset: -25.523 ms

# Below is generated by plot.py at 2018-02-04 12:02:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 28.21 Mbit/s  
95th percentile per-packet one-way delay: 64.516 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 28.21 Mbit/s  
95th percentile per-packet one-way delay: 64.516 ms  
Loss rate: 0.75%



Run 1: Report of Vivace-latency — Data Link

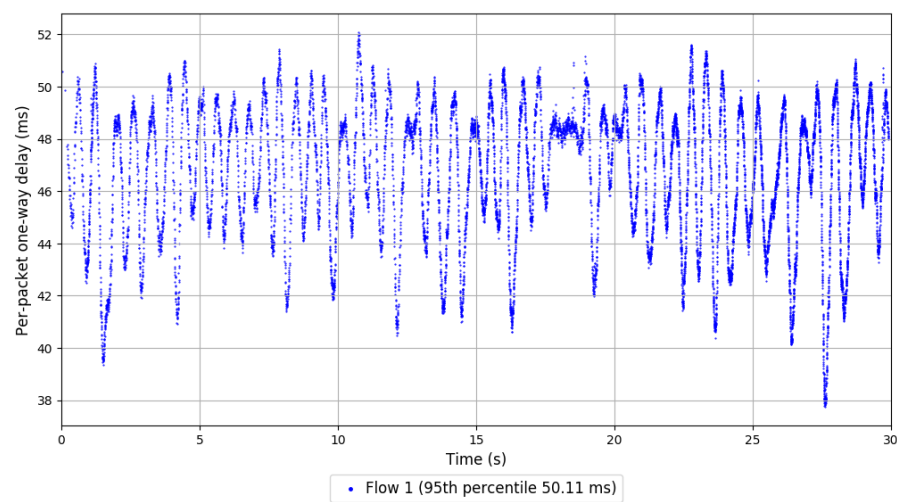
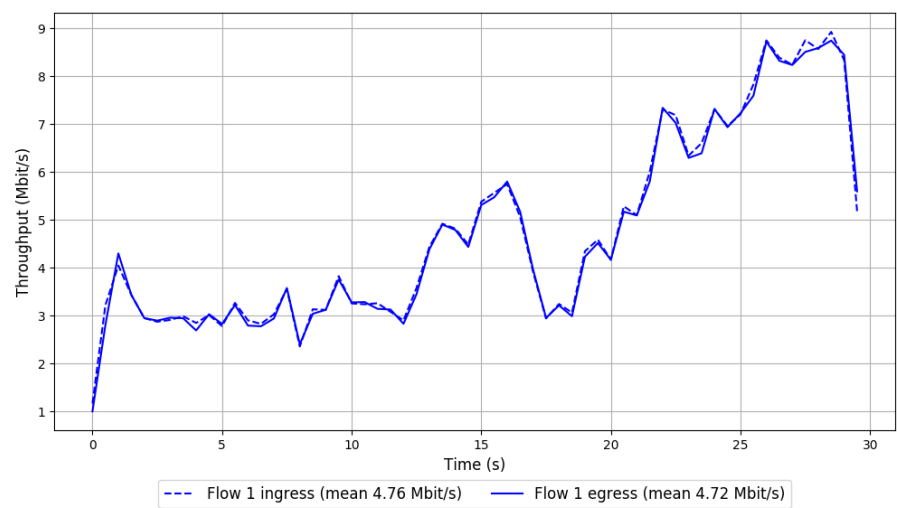


Run 2: Statistics of Vivace-latency

Start at: 2018-02-04 08:18:31  
End at: 2018-02-04 08:19:01  
Local clock offset: -0.003 ms  
Remote clock offset: -20.504 ms

# Below is generated by plot.py at 2018-02-04 12:02:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.72 Mbit/s  
95th percentile per-packet one-way delay: 50.106 ms  
Loss rate: 0.80%  
-- Flow 1:  
Average throughput: 4.72 Mbit/s  
95th percentile per-packet one-way delay: 50.106 ms  
Loss rate: 0.80%

Run 2: Report of Vivace-latency — Data Link

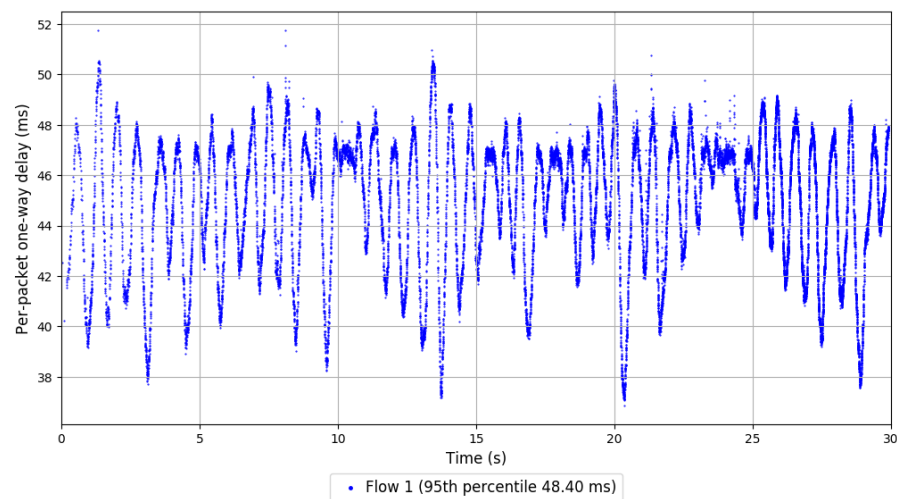
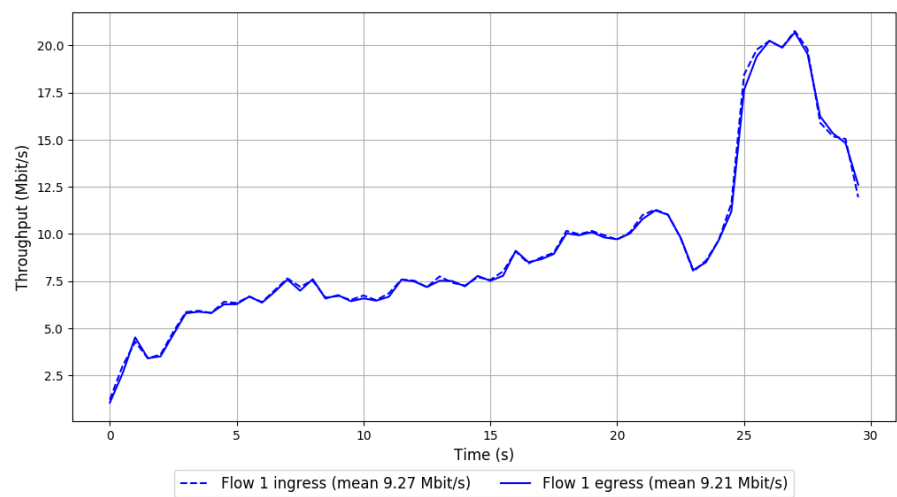


Run 3: Statistics of Vivace-latency

Start at: 2018-02-04 08:40:52  
End at: 2018-02-04 08:41:22  
Local clock offset: -1.561 ms  
Remote clock offset: -20.506 ms

# Below is generated by plot.py at 2018-02-04 12:02:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 9.21 Mbit/s  
95th percentile per-packet one-way delay: 48.402 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 9.21 Mbit/s  
95th percentile per-packet one-way delay: 48.402 ms  
Loss rate: 0.68%

Run 3: Report of Vivace-latency — Data Link

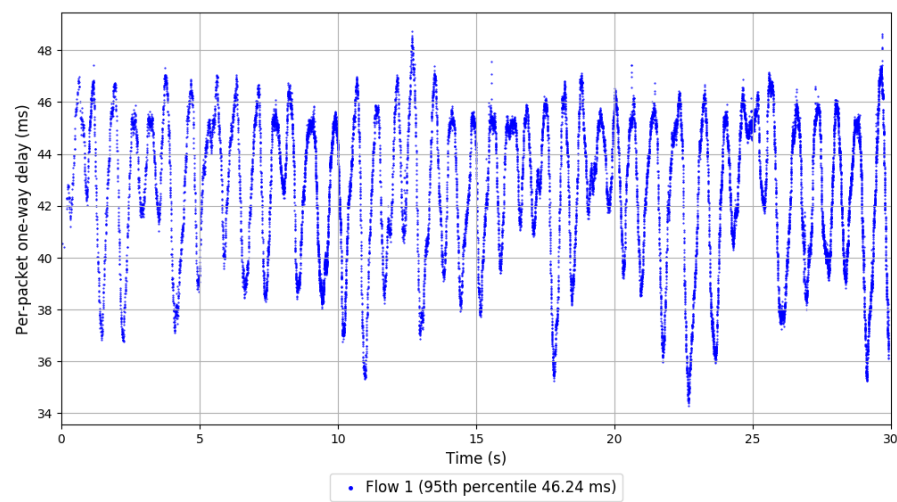
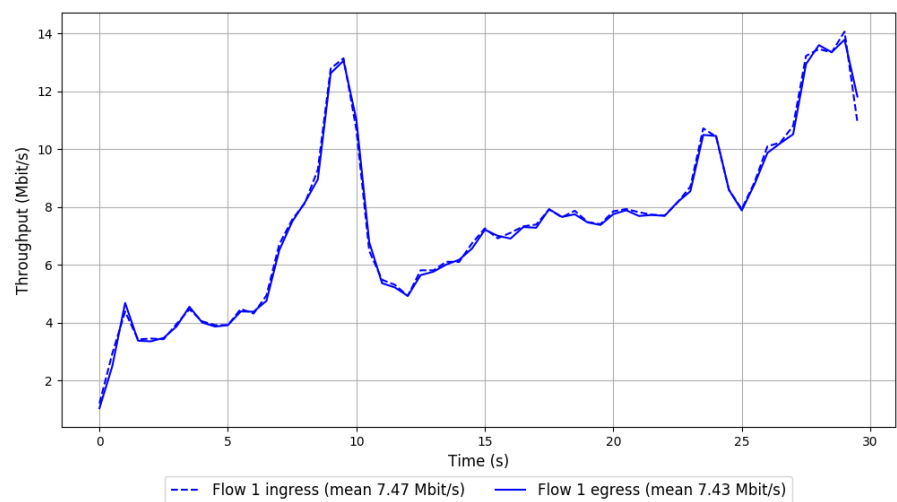


Run 4: Statistics of Vivace-latency

Start at: 2018-02-04 09:02:41  
End at: 2018-02-04 09:03:11  
Local clock offset: 0.018 ms  
Remote clock offset: -19.079 ms

# Below is generated by plot.py at 2018-02-04 12:02:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 7.43 Mbit/s  
95th percentile per-packet one-way delay: 46.243 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 7.43 Mbit/s  
95th percentile per-packet one-way delay: 46.243 ms  
Loss rate: 0.63%

Run 4: Report of Vivace-latency — Data Link



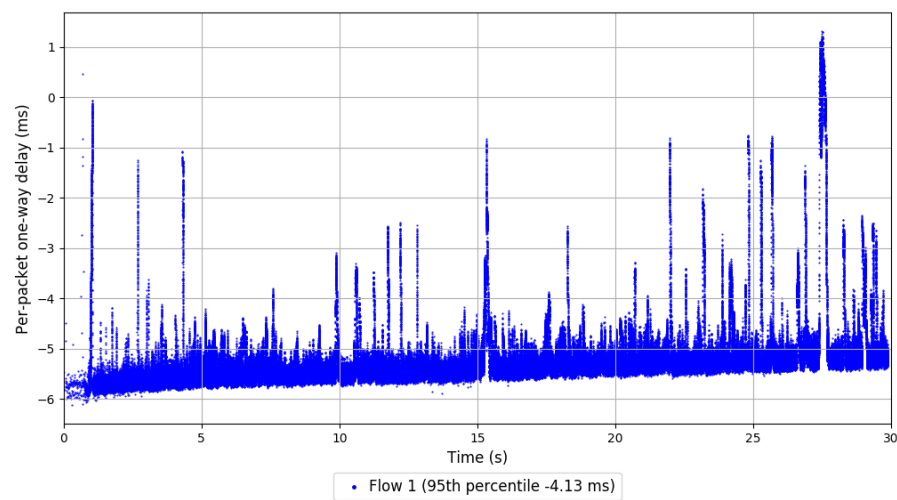
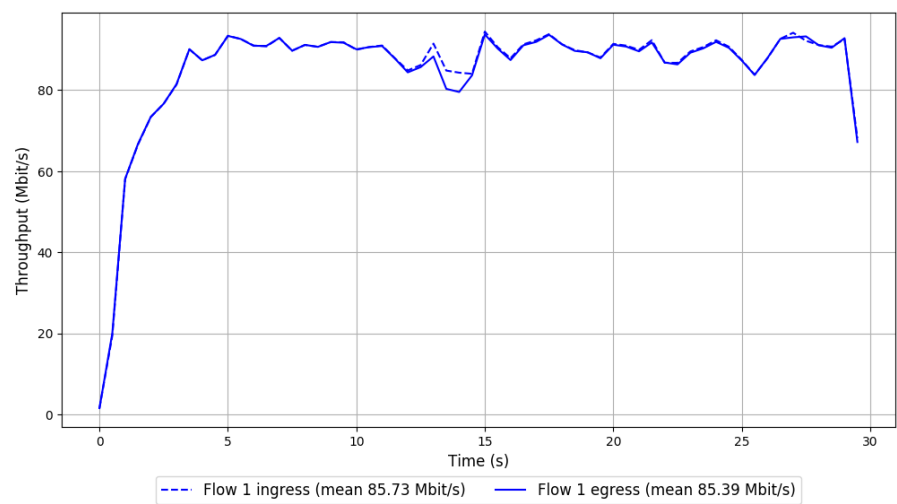
Run 5: Statistics of Vivace-latency

Start at: 2018-02-04 09:24:22  
End at: 2018-02-04 09:24:52  
Local clock offset: -1.389 ms  
Remote clock offset: -21.999 ms

# Below is generated by plot.py at 2018-02-04 12:03:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.39 Mbit/s  
95th percentile per-packet one-way delay: -4.133 ms  
Loss rate: 0.39%  
-- Flow 1:  
Average throughput: 85.39 Mbit/s  
95th percentile per-packet one-way delay: -4.133 ms  
Loss rate: 0.39%



Run 5: Report of Vivace-latency — Data Link

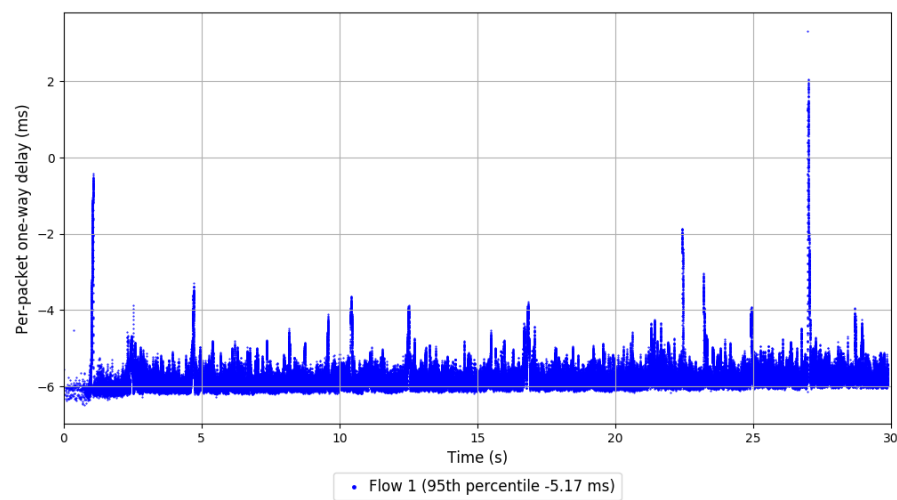
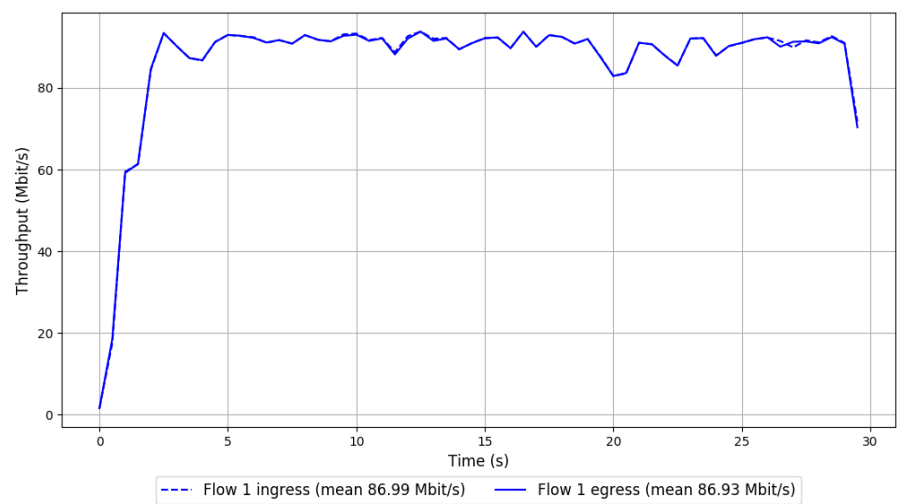


Run 6: Statistics of Vivace-latency

Start at: 2018-02-04 09:45:34  
End at: 2018-02-04 09:46:04  
Local clock offset: 1.814 ms  
Remote clock offset: -30.693 ms

# Below is generated by plot.py at 2018-02-04 12:03:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.93 Mbit/s  
95th percentile per-packet one-way delay: -5.175 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 86.93 Mbit/s  
95th percentile per-packet one-way delay: -5.175 ms  
Loss rate: 0.07%

Run 6: Report of Vivace-latency — Data Link

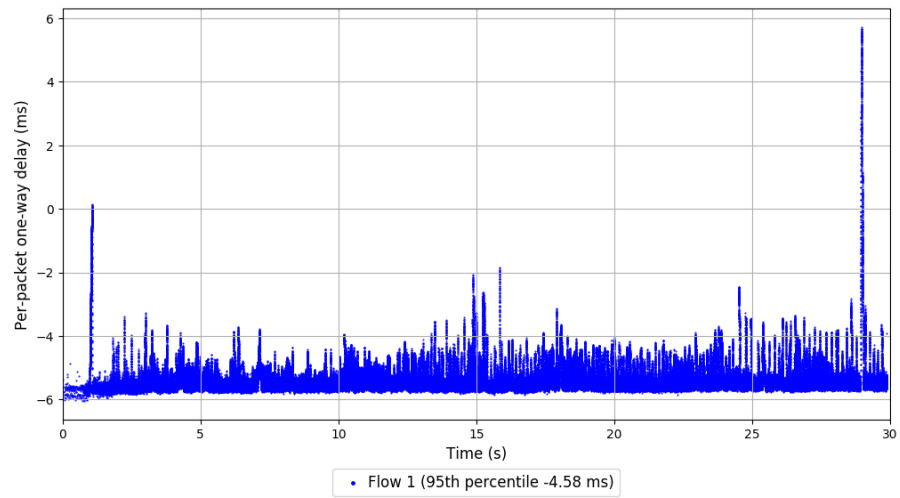
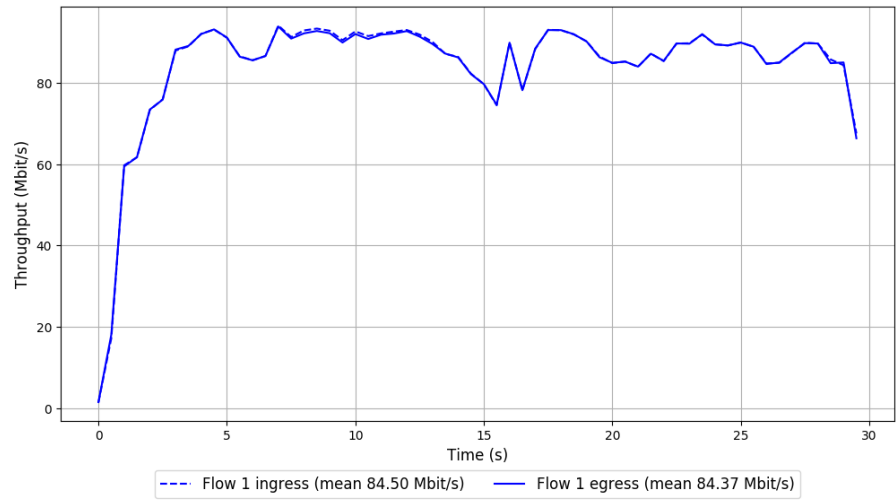


Run 7: Statistics of Vivace-latency

Start at: 2018-02-04 10:06:47  
End at: 2018-02-04 10:07:17  
Local clock offset: 2.738 ms  
Remote clock offset: -34.06 ms

# Below is generated by plot.py at 2018-02-04 12:03:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.37 Mbit/s  
95th percentile per-packet one-way delay: -4.577 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 84.37 Mbit/s  
95th percentile per-packet one-way delay: -4.577 ms  
Loss rate: 0.14%

### Run 7: Report of Vivace-latency — Data Link

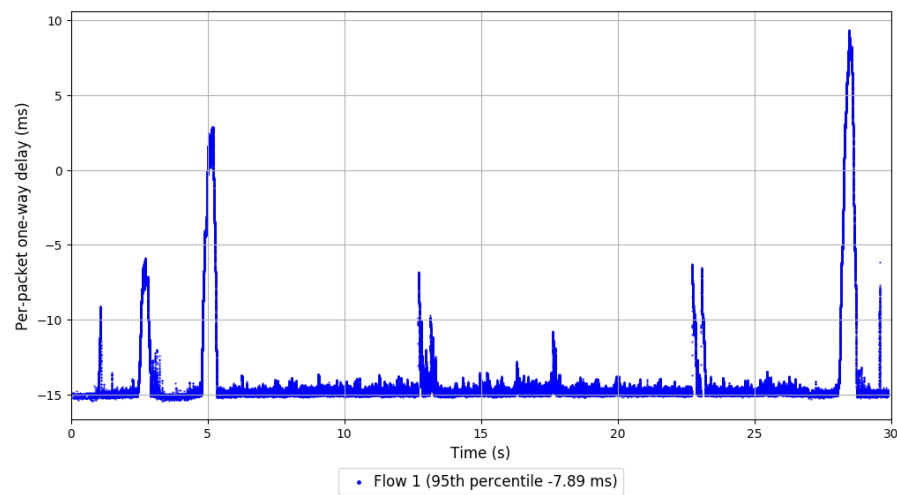
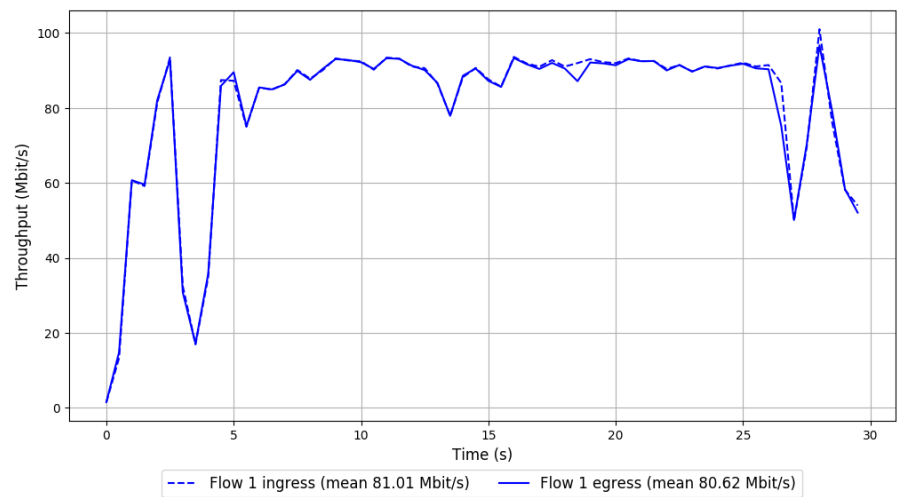


Run 8: Statistics of Vivace-latency

Start at: 2018-02-04 10:27:46  
End at: 2018-02-04 10:28:16  
Local clock offset: 5.803 ms  
Remote clock offset: -42.599 ms

# Below is generated by plot.py at 2018-02-04 12:03:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 80.62 Mbit/s  
95th percentile per-packet one-way delay: -7.886 ms  
Loss rate: 0.48%  
-- Flow 1:  
Average throughput: 80.62 Mbit/s  
95th percentile per-packet one-way delay: -7.886 ms  
Loss rate: 0.48%

Run 8: Report of Vivace-latency — Data Link



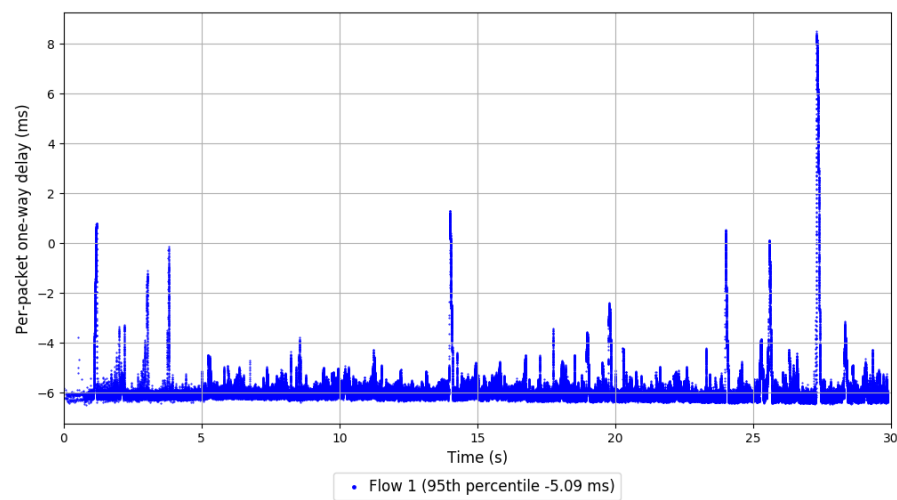
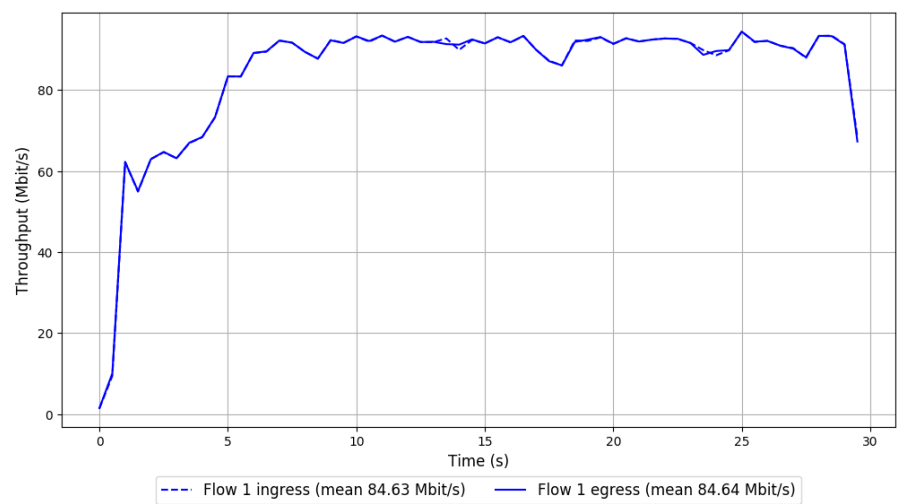
Run 9: Statistics of Vivace-latency

Start at: 2018-02-04 10:48:40  
End at: 2018-02-04 10:49:10  
Local clock offset: 2.549 ms  
Remote clock offset: -20.228 ms

# Below is generated by plot.py at 2018-02-04 12:03:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.64 Mbit/s  
95th percentile per-packet one-way delay: -5.091 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 84.64 Mbit/s  
95th percentile per-packet one-way delay: -5.091 ms  
Loss rate: 0.00%



Run 9: Report of Vivace-latency — Data Link



Run 10: Statistics of Vivace-latency

Start at: 2018-02-04 11:09:51

End at: 2018-02-04 11:10:21

Local clock offset: 2.396 ms

Remote clock offset: -21.811 ms

# Below is generated by plot.py at 2018-02-04 12:03:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.44 Mbit/s

95th percentile per-packet one-way delay: -6.692 ms

Loss rate: 0.04%

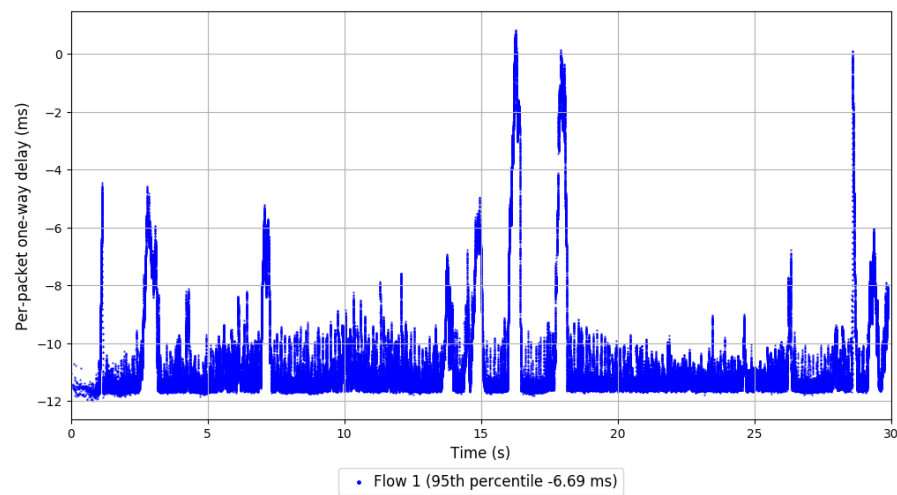
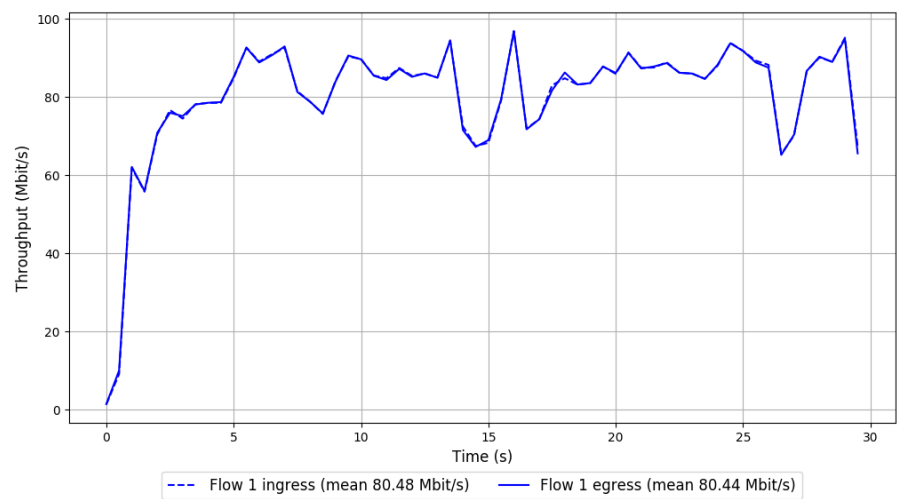
-- Flow 1:

Average throughput: 80.44 Mbit/s

95th percentile per-packet one-way delay: -6.692 ms

Loss rate: 0.04%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-02-04 07:56:59

End at: 2018-02-04 07:57:29

Local clock offset: 0.379 ms

Remote clock offset: -24.104 ms

# Below is generated by plot.py at 2018-02-04 12:03:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.33 Mbit/s

95th percentile per-packet one-way delay: 73.875 ms

Loss rate: 5.36%

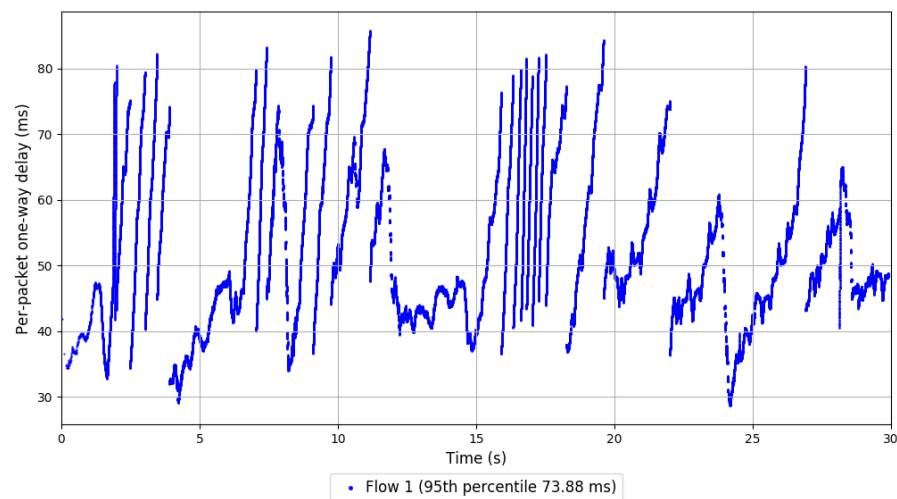
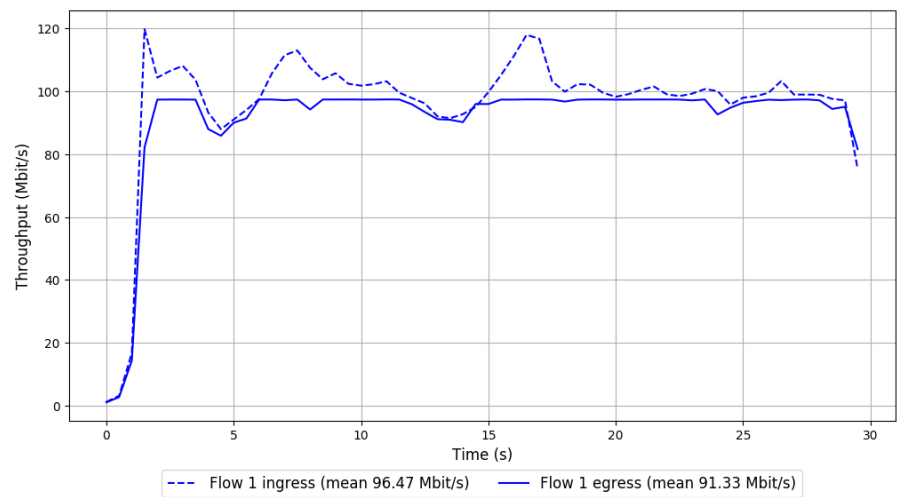
-- Flow 1:

Average throughput: 91.33 Mbit/s

95th percentile per-packet one-way delay: 73.875 ms

Loss rate: 5.36%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-04 08:19:39

End at: 2018-02-04 08:20:09

Local clock offset: -0.21 ms

Remote clock offset: -22.914 ms

# Below is generated by plot.py at 2018-02-04 12:03:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.62 Mbit/s

95th percentile per-packet one-way delay: 51.549 ms

Loss rate: 4.35%

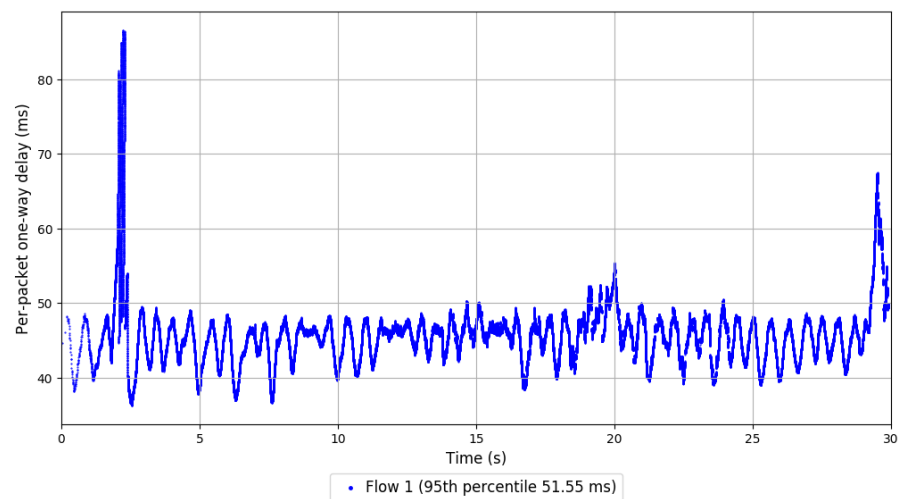
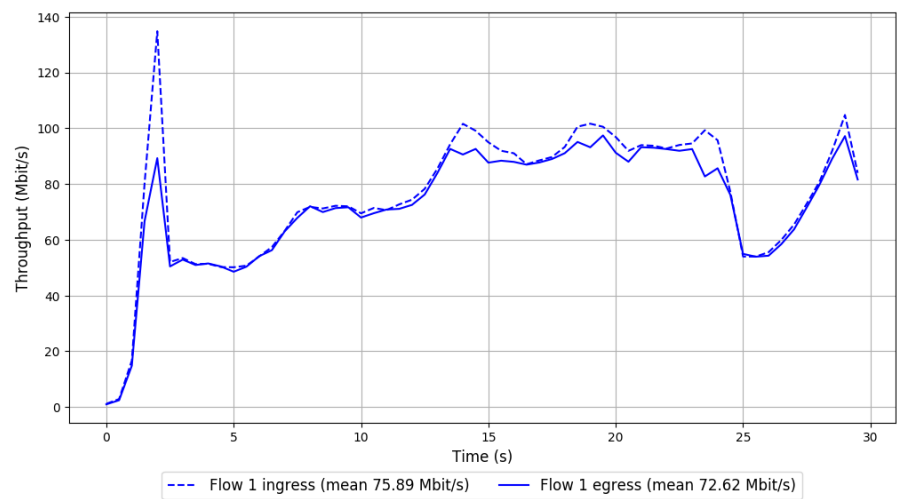
-- Flow 1:

Average throughput: 72.62 Mbit/s

95th percentile per-packet one-way delay: 51.549 ms

Loss rate: 4.35%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-04 08:42:01

End at: 2018-02-04 08:42:31

Local clock offset: 0.668 ms

Remote clock offset: -20.652 ms

# Below is generated by plot.py at 2018-02-04 12:04:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.71 Mbit/s

95th percentile per-packet one-way delay: 75.296 ms

Loss rate: 5.34%

-- Flow 1:

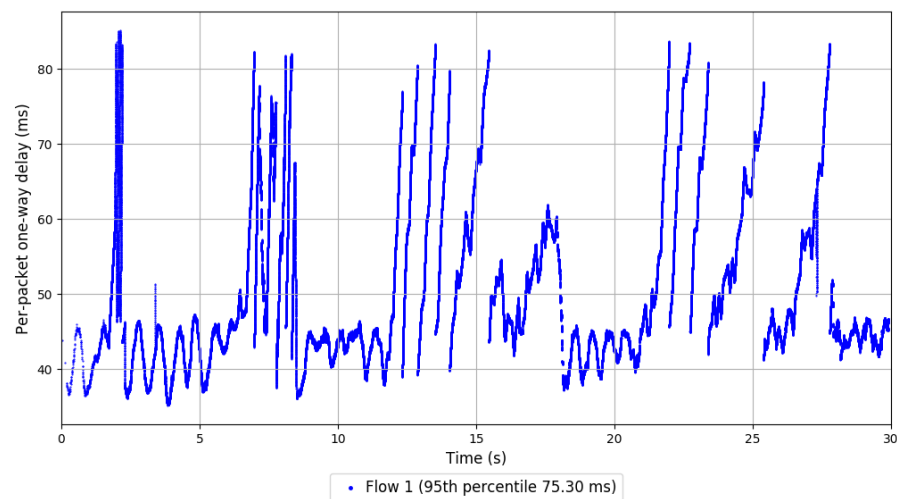
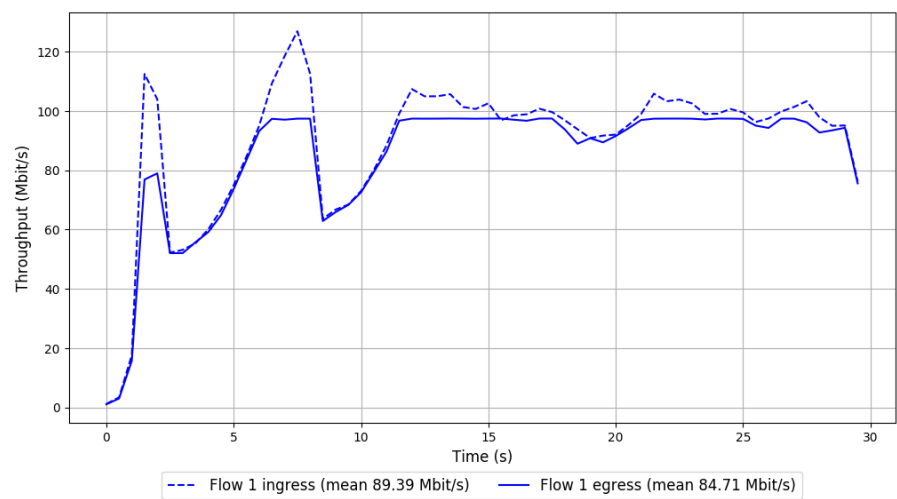
Average throughput: 84.71 Mbit/s

95th percentile per-packet one-way delay: 75.296 ms

Loss rate: 5.34%



Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-04 09:03:50

End at: 2018-02-04 09:04:20

Local clock offset: -1.96 ms

Remote clock offset: -19.168 ms

# Below is generated by plot.py at 2018-02-04 12:05:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.75 Mbit/s

95th percentile per-packet one-way delay: 73.039 ms

Loss rate: 4.85%

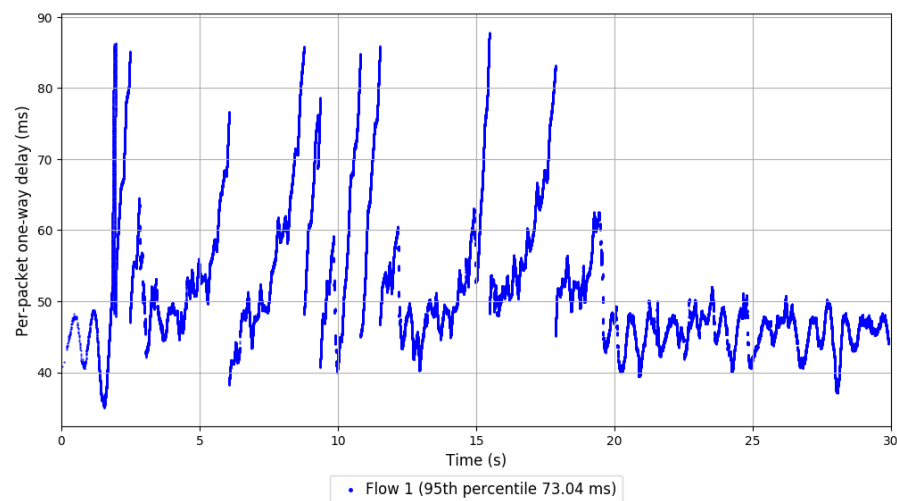
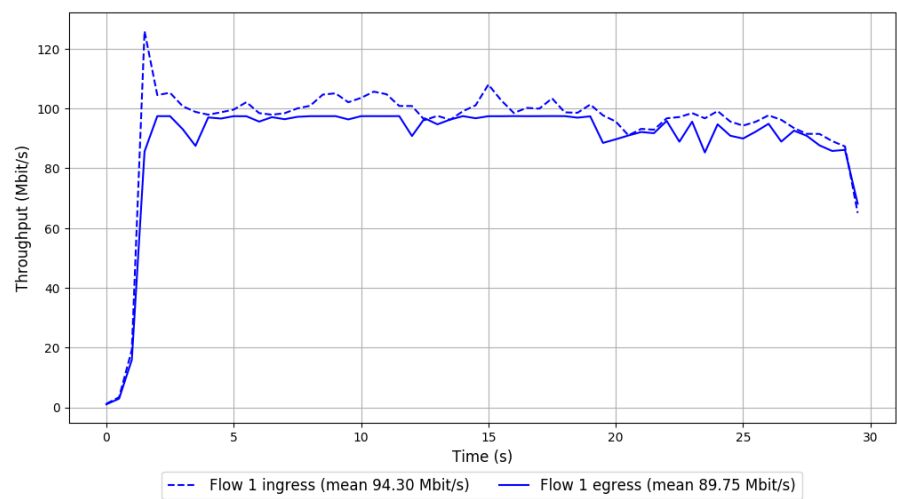
-- Flow 1:

Average throughput: 89.75 Mbit/s

95th percentile per-packet one-way delay: 73.039 ms

Loss rate: 4.85%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-04 09:25:36

End at: 2018-02-04 09:26:06

Local clock offset: 1.405 ms

Remote clock offset: -22.046 ms

# Below is generated by plot.py at 2018-02-04 12:05:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.09 Mbit/s

95th percentile per-packet one-way delay: 24.946 ms

Loss rate: 9.80%

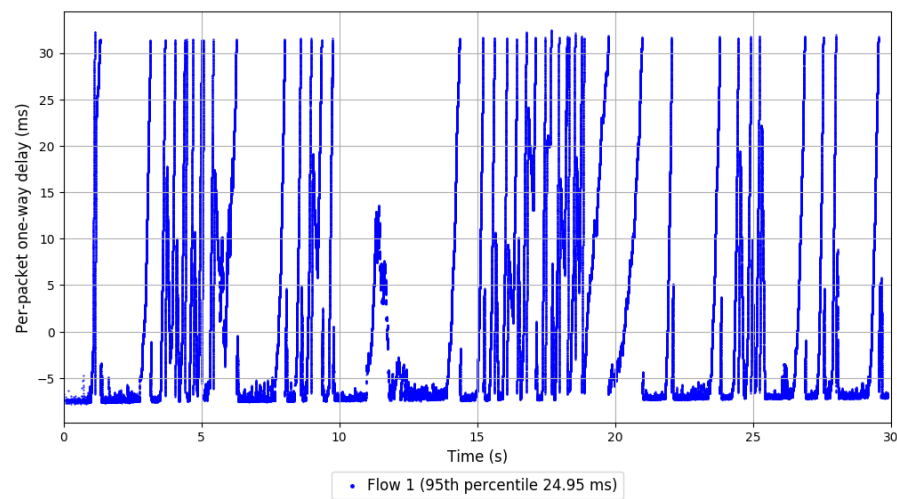
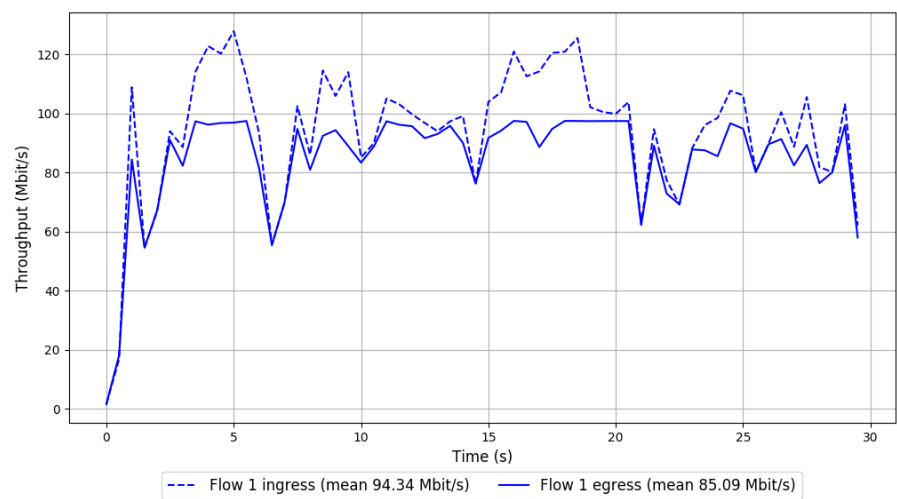
-- Flow 1:

Average throughput: 85.09 Mbit/s

95th percentile per-packet one-way delay: 24.946 ms

Loss rate: 9.80%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-02-04 09:46:47

End at: 2018-02-04 09:47:17

Local clock offset: 2.277 ms

Remote clock offset: -32.632 ms

# Below is generated by plot.py at 2018-02-04 12:05:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.85 Mbit/s

95th percentile per-packet one-way delay: 24.699 ms

Loss rate: 7.09%

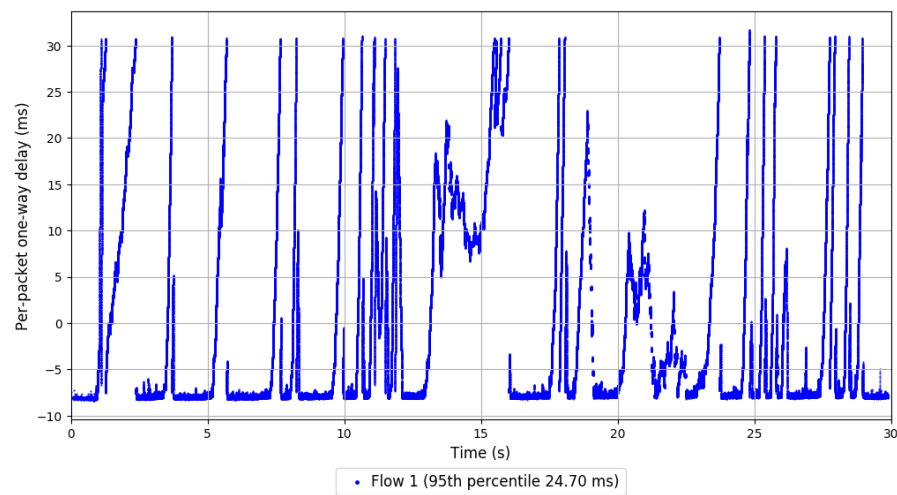
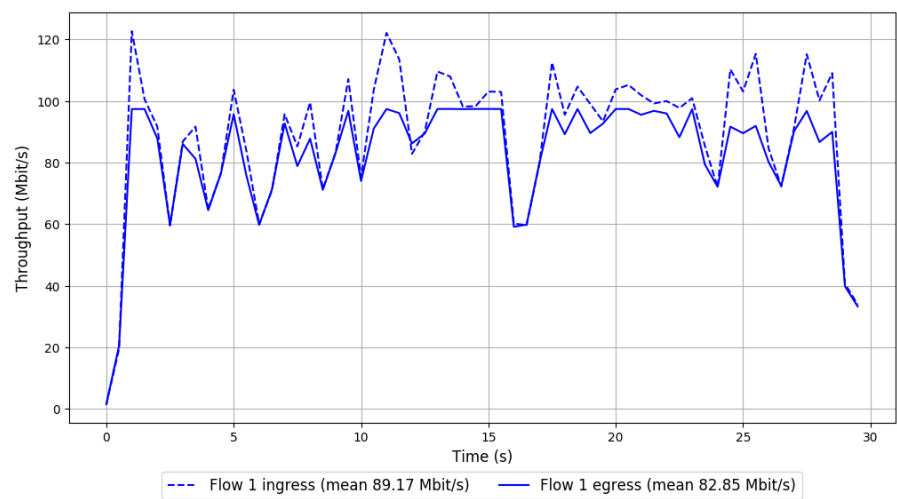
-- Flow 1:

Average throughput: 82.85 Mbit/s

95th percentile per-packet one-way delay: 24.699 ms

Loss rate: 7.09%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-04 10:07:58

End at: 2018-02-04 10:08:28

Local clock offset: 4.397 ms

Remote clock offset: -33.987 ms

# Below is generated by plot.py at 2018-02-04 12:05:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.03 Mbit/s

95th percentile per-packet one-way delay: 24.210 ms

Loss rate: 7.44%

-- Flow 1:

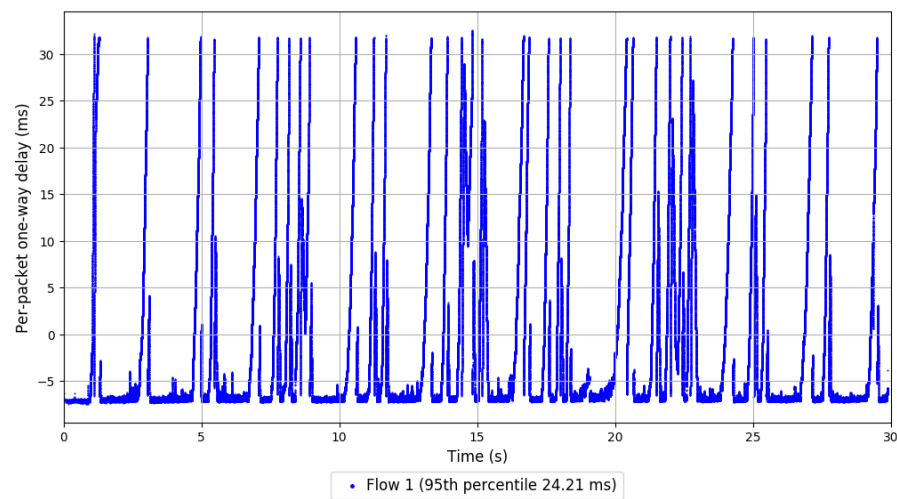
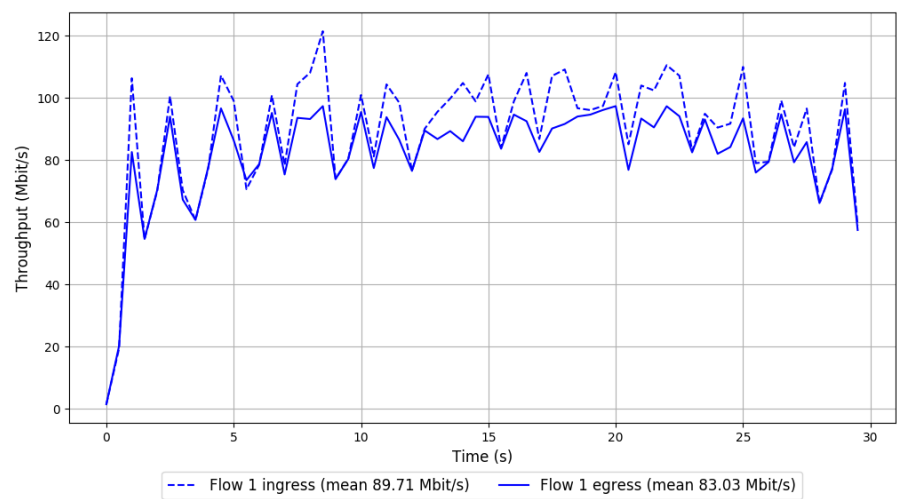
Average throughput: 83.03 Mbit/s

95th percentile per-packet one-way delay: 24.210 ms

Loss rate: 7.44%



Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-04 10:28:57

End at: 2018-02-04 10:29:27

Local clock offset: 3.566 ms

Remote clock offset: -37.127 ms

# Below is generated by plot.py at 2018-02-04 12:05:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.10 Mbit/s

95th percentile per-packet one-way delay: 23.132 ms

Loss rate: 6.80%

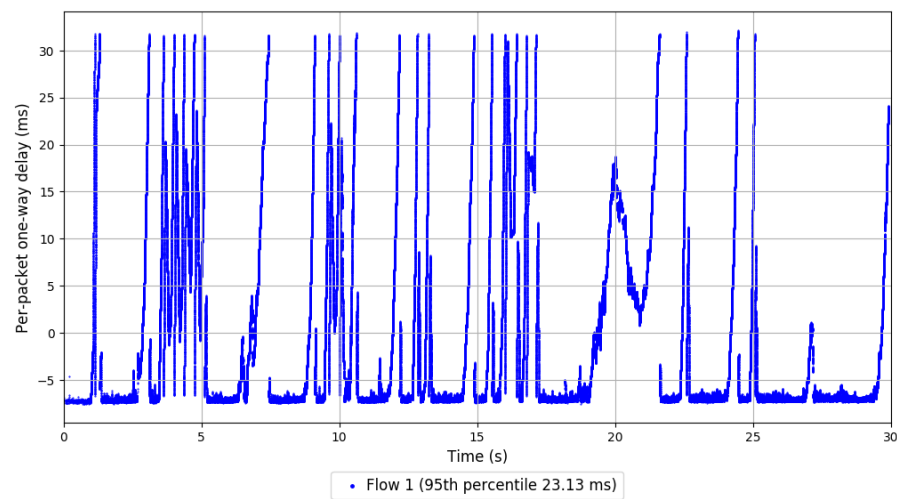
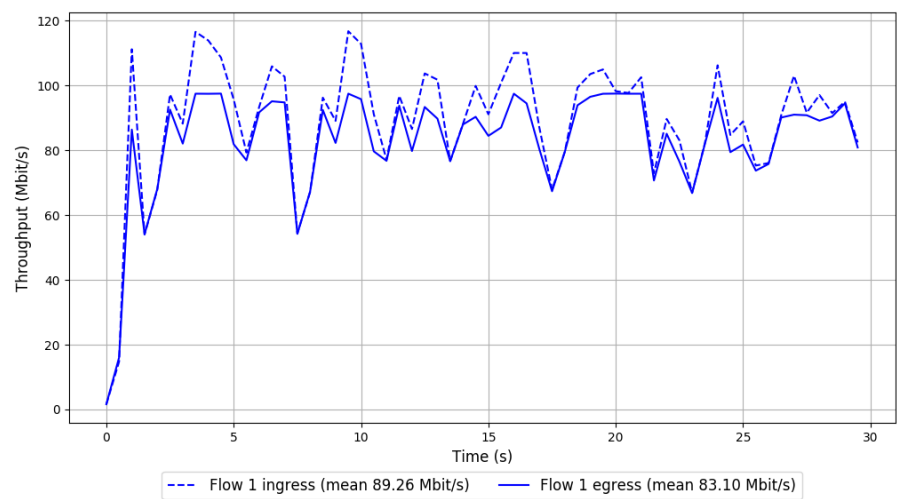
-- Flow 1:

Average throughput: 83.10 Mbit/s

95th percentile per-packet one-way delay: 23.132 ms

Loss rate: 6.80%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-04 10:49:50

End at: 2018-02-04 10:50:20

Local clock offset: 2.345 ms

Remote clock offset: -19.848 ms

# Below is generated by plot.py at 2018-02-04 12:05:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.43 Mbit/s

95th percentile per-packet one-way delay: 24.773 ms

Loss rate: 7.34%

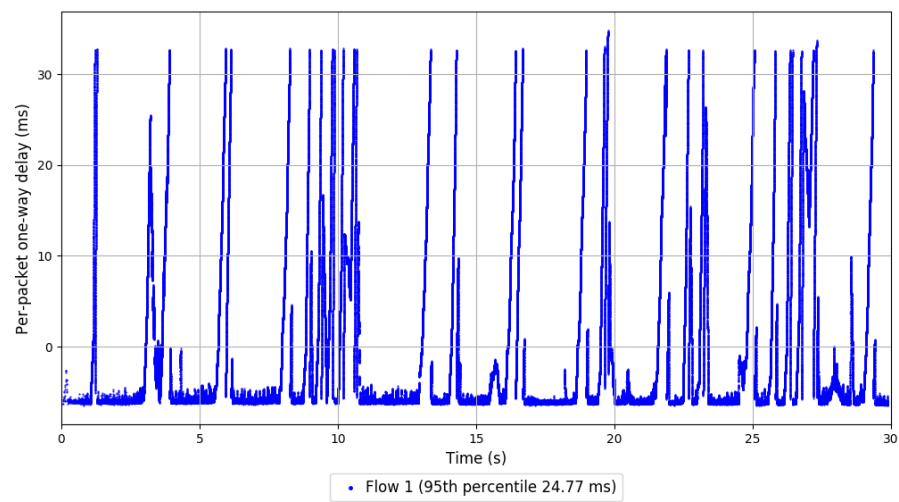
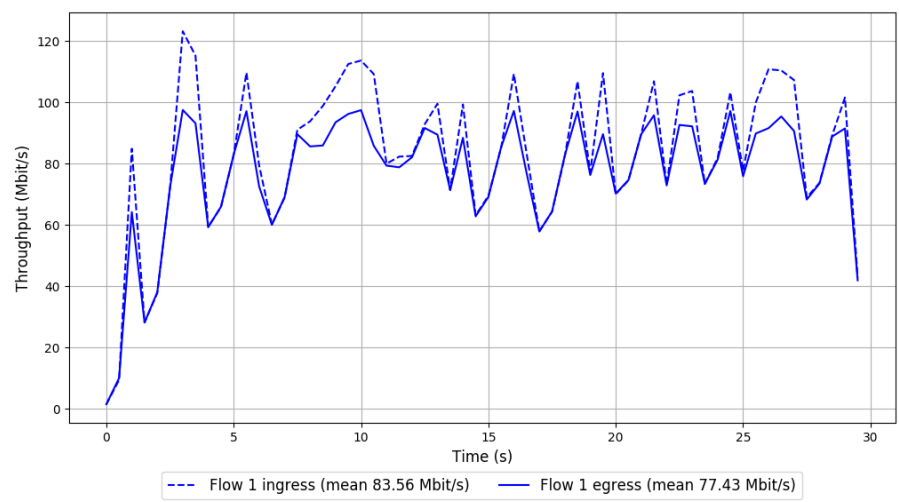
-- Flow 1:

Average throughput: 77.43 Mbit/s

95th percentile per-packet one-way delay: 24.773 ms

Loss rate: 7.34%

Run 9: Report of Vivace-loss — Data Link

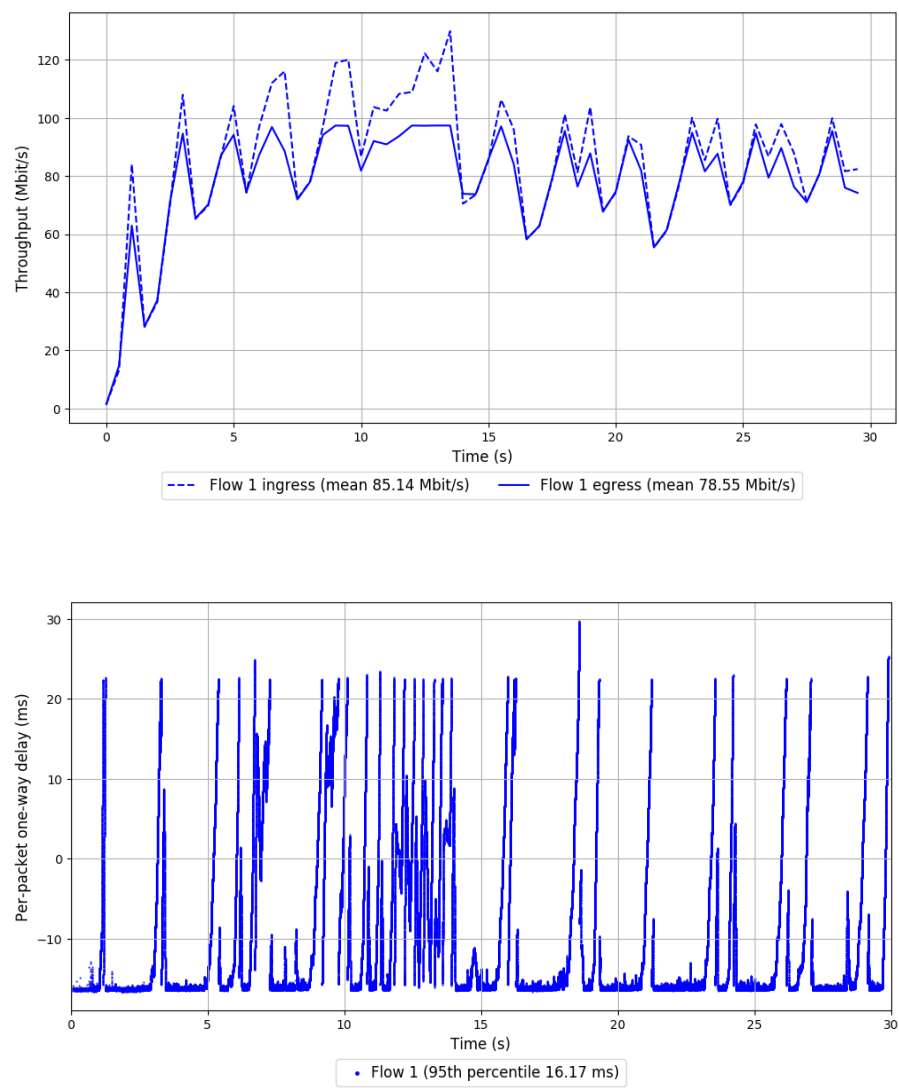


Run 10: Statistics of Vivace-loss

Start at: 2018-02-04 11:11:03  
End at: 2018-02-04 11:11:33  
Local clock offset: 3.81 ms  
Remote clock offset: -25.223 ms

# Below is generated by plot.py at 2018-02-04 12:05:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.55 Mbit/s  
95th percentile per-packet one-way delay: 16.174 ms  
Loss rate: 7.68%  
-- Flow 1:  
Average throughput: 78.55 Mbit/s  
95th percentile per-packet one-way delay: 16.174 ms  
Loss rate: 7.68%

Run 10: Report of Vivace-loss — Data Link



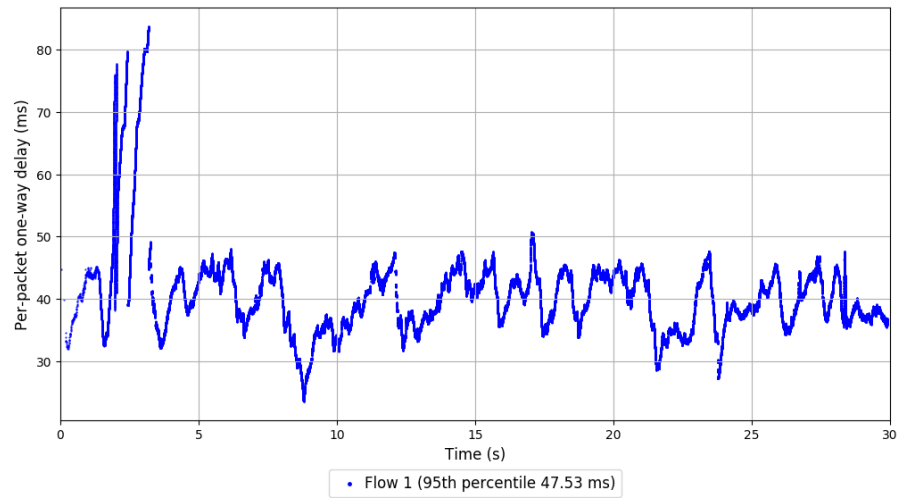
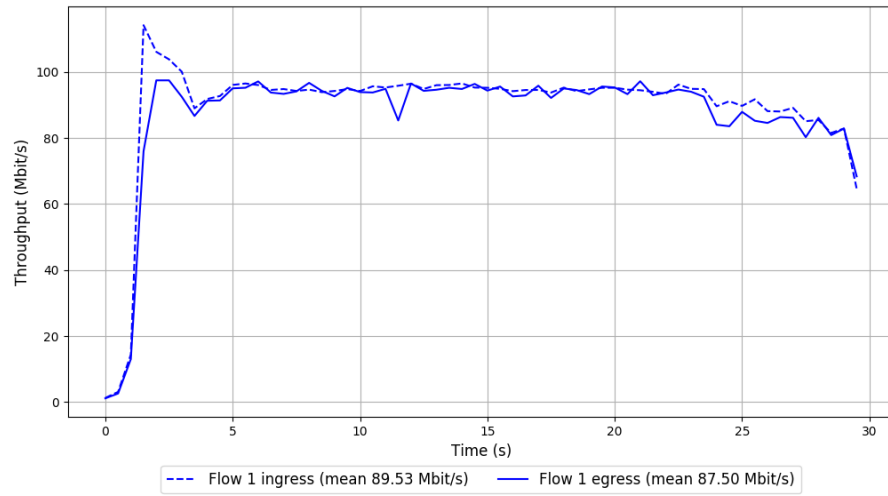
Run 1: Statistics of Vivace-LTE

Start at: 2018-02-04 07:49:38  
End at: 2018-02-04 07:50:08  
Local clock offset: 1.822 ms  
Remote clock offset: -26.034 ms

# Below is generated by plot.py at 2018-02-04 12:05:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.50 Mbit/s  
95th percentile per-packet one-way delay: 47.530 ms  
Loss rate: 2.34%  
-- Flow 1:  
Average throughput: 87.50 Mbit/s  
95th percentile per-packet one-way delay: 47.530 ms  
Loss rate: 2.34%



## Run 1: Report of Vivace-LTE — Data Link

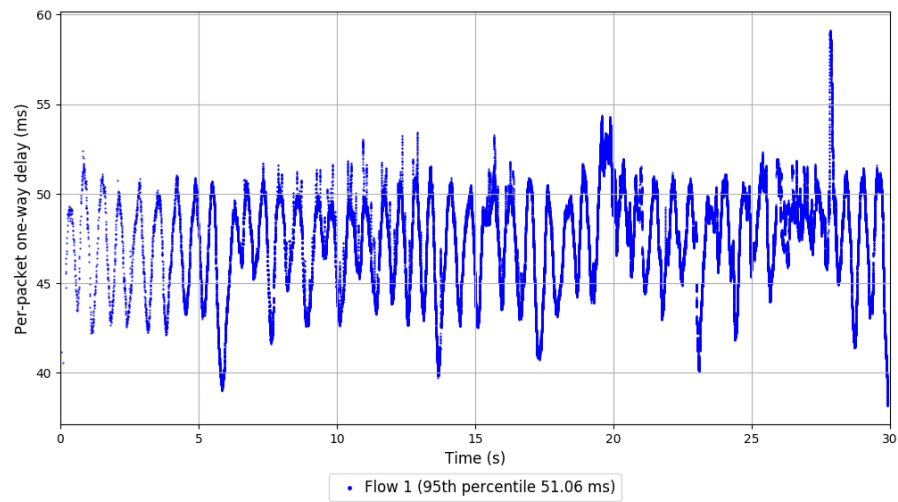
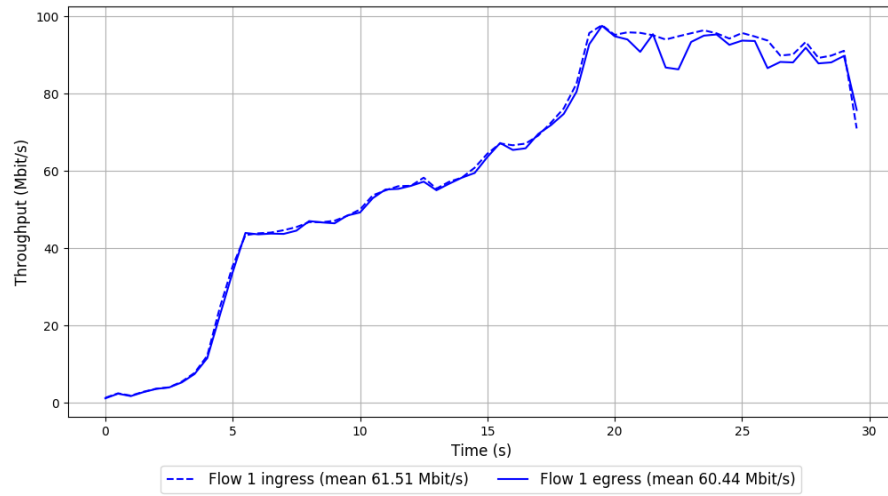


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-04 08:12:11  
End at: 2018-02-04 08:12:41  
Local clock offset: -0.729 ms  
Remote clock offset: -22.382 ms

# Below is generated by plot.py at 2018-02-04 12:05:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 60.44 Mbit/s  
95th percentile per-packet one-way delay: 51.063 ms  
Loss rate: 1.80%  
-- Flow 1:  
Average throughput: 60.44 Mbit/s  
95th percentile per-packet one-way delay: 51.063 ms  
Loss rate: 1.80%

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

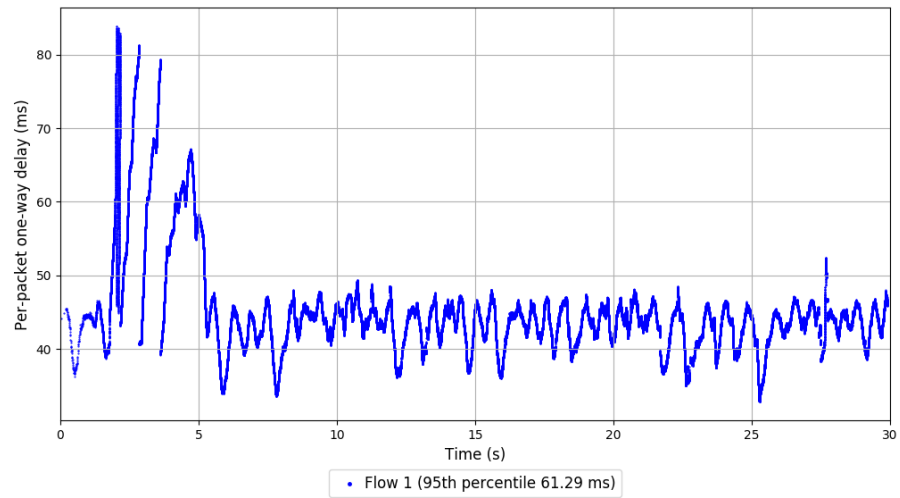
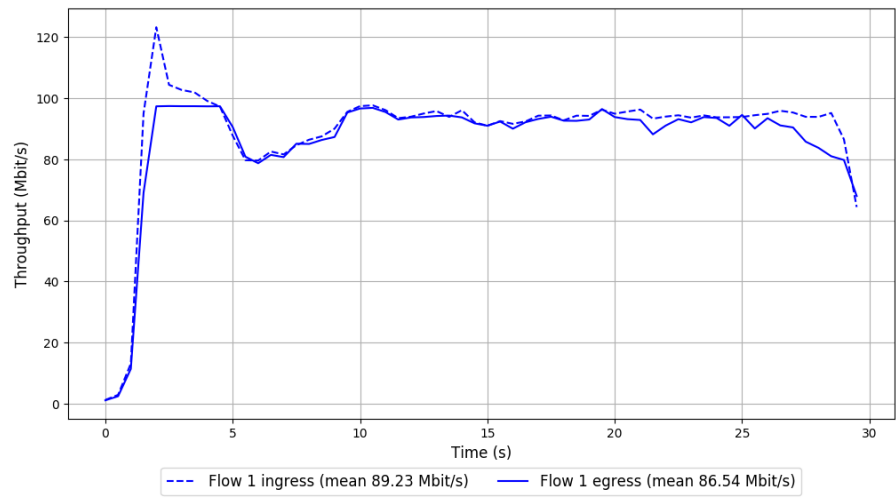


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-04 08:34:33  
End at: 2018-02-04 08:35:03  
Local clock offset: 1.549 ms  
Remote clock offset: -20.486 ms

# Below is generated by plot.py at 2018-02-04 12:06:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.54 Mbit/s  
95th percentile per-packet one-way delay: 61.293 ms  
Loss rate: 3.05%  
-- Flow 1:  
Average throughput: 86.54 Mbit/s  
95th percentile per-packet one-way delay: 61.293 ms  
Loss rate: 3.05%

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

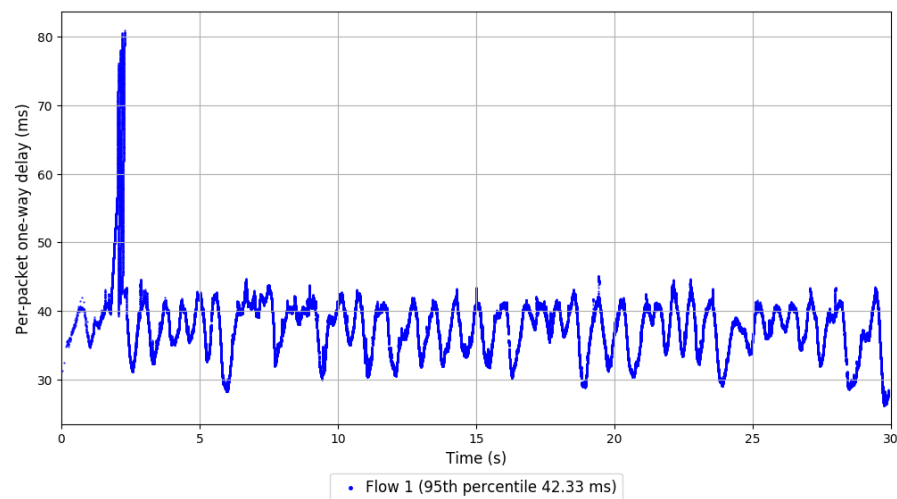
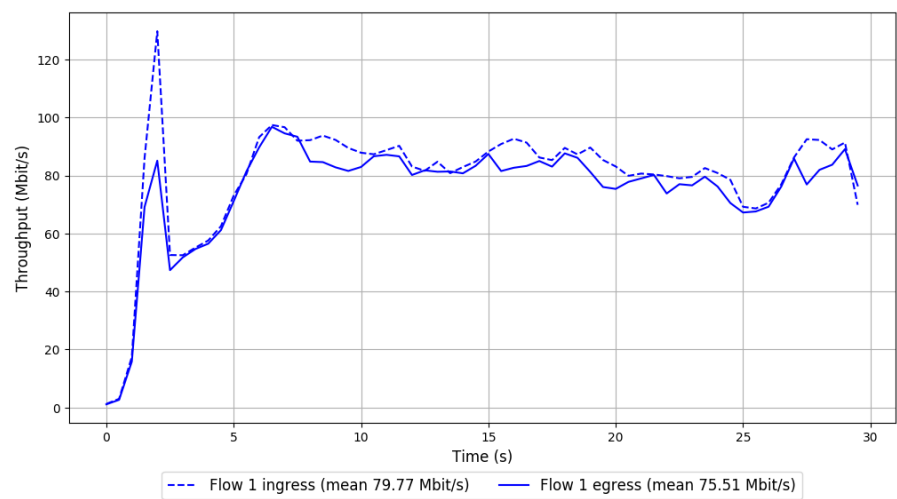


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-04 08:56:44  
End at: 2018-02-04 08:57:14  
Local clock offset: 2.628 ms  
Remote clock offset: -21.641 ms

# Below is generated by plot.py at 2018-02-04 12:06:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.51 Mbit/s  
95th percentile per-packet one-way delay: 42.334 ms  
Loss rate: 5.36%  
-- Flow 1:  
Average throughput: 75.51 Mbit/s  
95th percentile per-packet one-way delay: 42.334 ms  
Loss rate: 5.36%

Run 4: Report of Vivace-LTE — Data Link



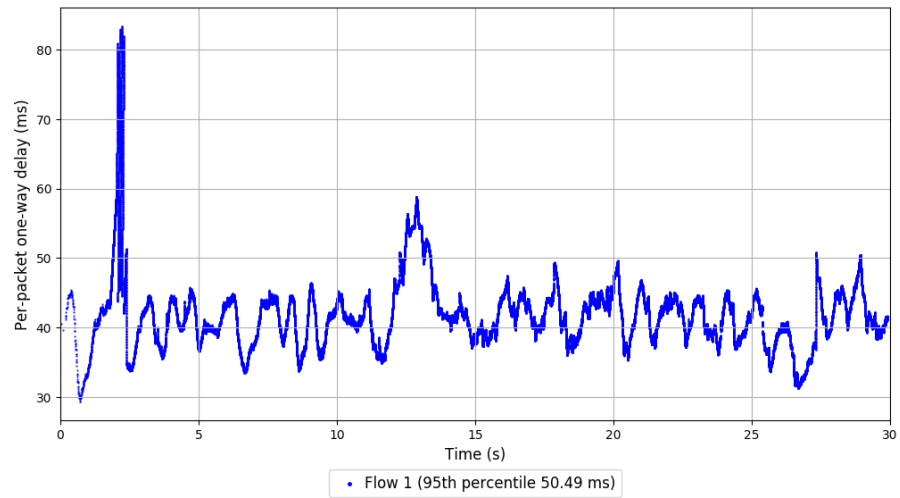
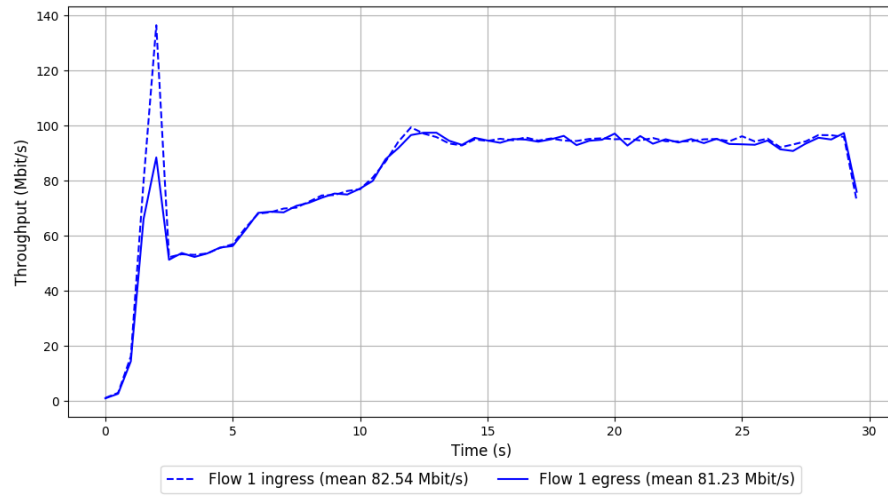
Run 5: Statistics of Vivace-LTE

Start at: 2018-02-04 09:18:21  
End at: 2018-02-04 09:18:51  
Local clock offset: 1.651 ms  
Remote clock offset: -17.595 ms

# Below is generated by plot.py at 2018-02-04 12:06:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.23 Mbit/s  
95th percentile per-packet one-way delay: 50.490 ms  
Loss rate: 1.66%  
-- Flow 1:  
Average throughput: 81.23 Mbit/s  
95th percentile per-packet one-way delay: 50.490 ms  
Loss rate: 1.66%



### Run 5: Report of Vivace-LTE — Data Link

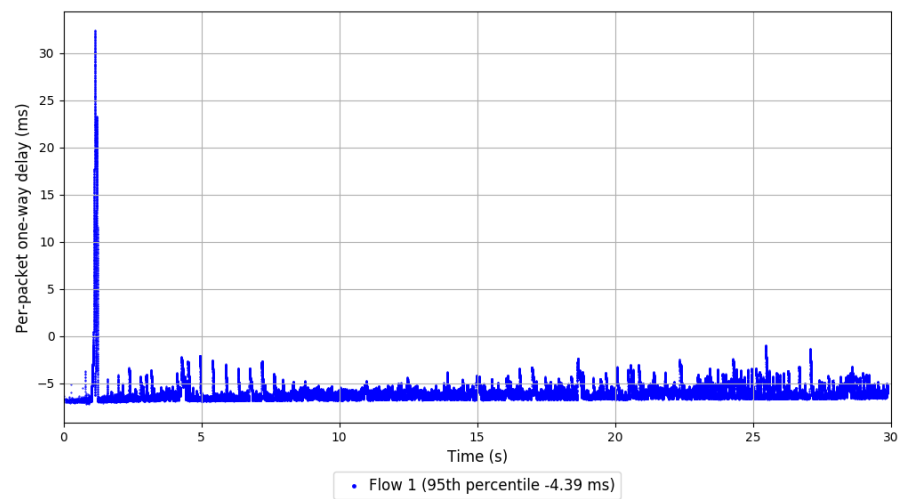
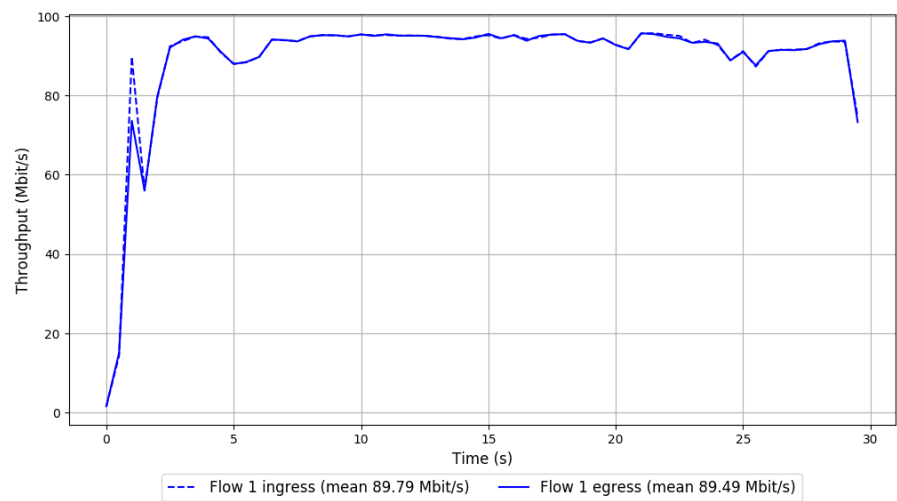


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-04 09:39:42  
End at: 2018-02-04 09:40:12  
Local clock offset: -0.276 ms  
Remote clock offset: -30.674 ms

# Below is generated by plot.py at 2018-02-04 12:06:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.49 Mbit/s  
95th percentile per-packet one-way delay: -4.390 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 89.49 Mbit/s  
95th percentile per-packet one-way delay: -4.390 ms  
Loss rate: 0.33%

Run 6: Report of Vivace-LTE — Data Link

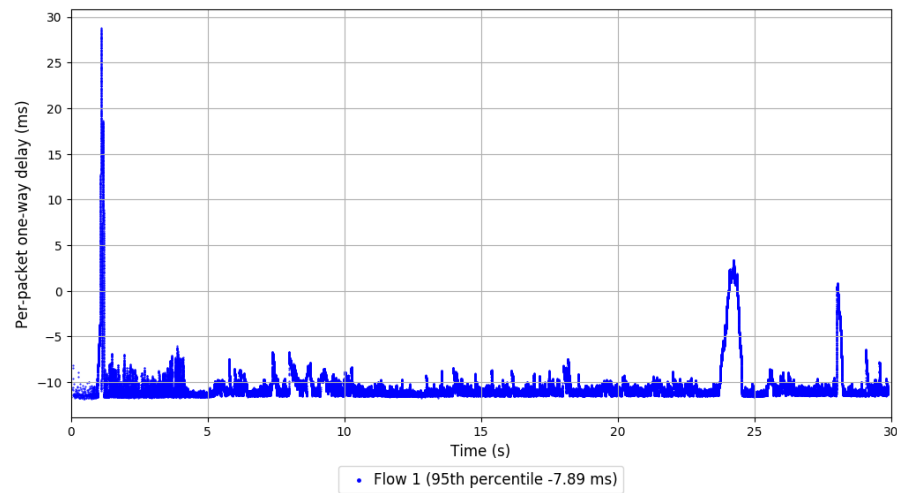
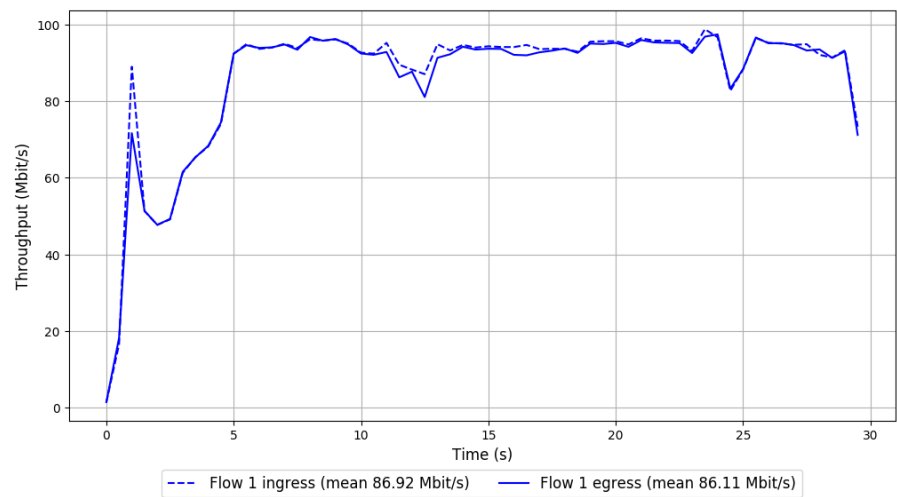


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-04 10:00:55  
End at: 2018-02-04 10:01:25  
Local clock offset: 5.169 ms  
Remote clock offset: -36.412 ms

# Below is generated by plot.py at 2018-02-04 12:06:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.11 Mbit/s  
95th percentile per-packet one-way delay: -7.890 ms  
Loss rate: 0.93%  
-- Flow 1:  
Average throughput: 86.11 Mbit/s  
95th percentile per-packet one-way delay: -7.890 ms  
Loss rate: 0.93%

Run 7: Report of Vivace-LTE — Data Link

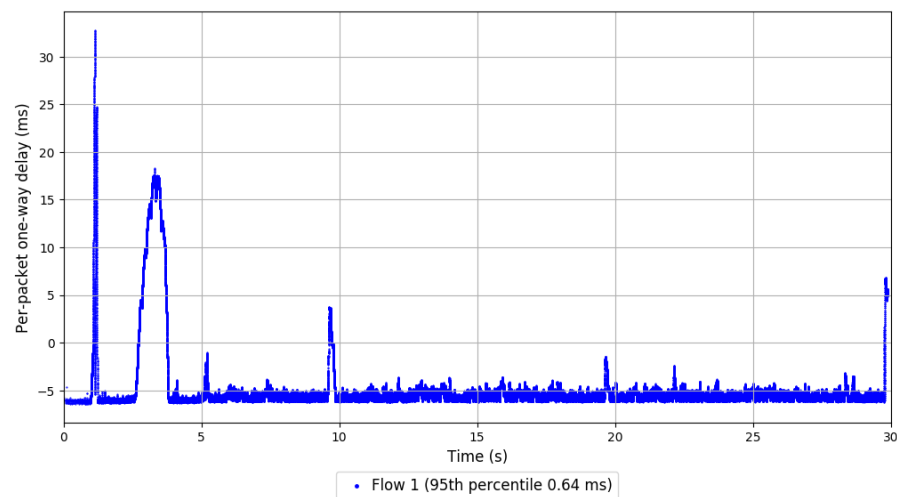
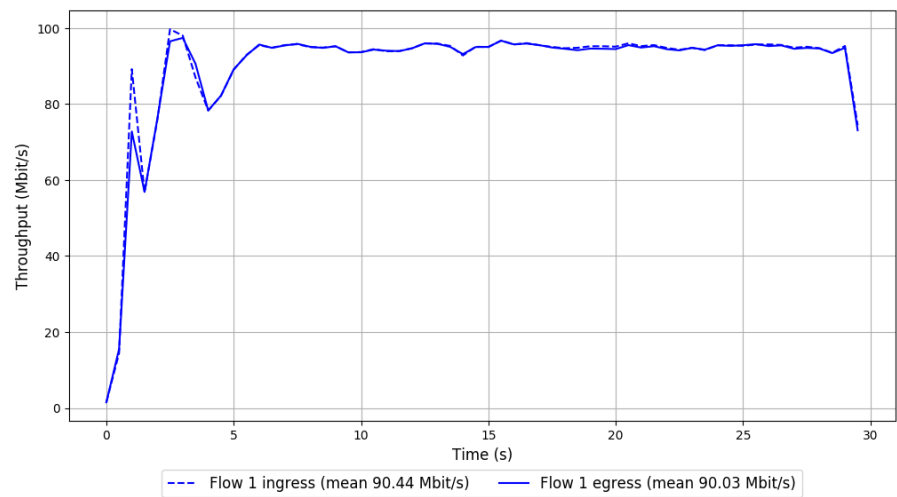


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-04 10:21:58  
End at: 2018-02-04 10:22:28  
Local clock offset: 2.817 ms  
Remote clock offset: -36.075 ms

# Below is generated by plot.py at 2018-02-04 12:06:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.03 Mbit/s  
95th percentile per-packet one-way delay: 0.639 ms  
Loss rate: 0.42%  
-- Flow 1:  
Average throughput: 90.03 Mbit/s  
95th percentile per-packet one-way delay: 0.639 ms  
Loss rate: 0.42%

Run 8: Report of Vivace-LTE — Data Link



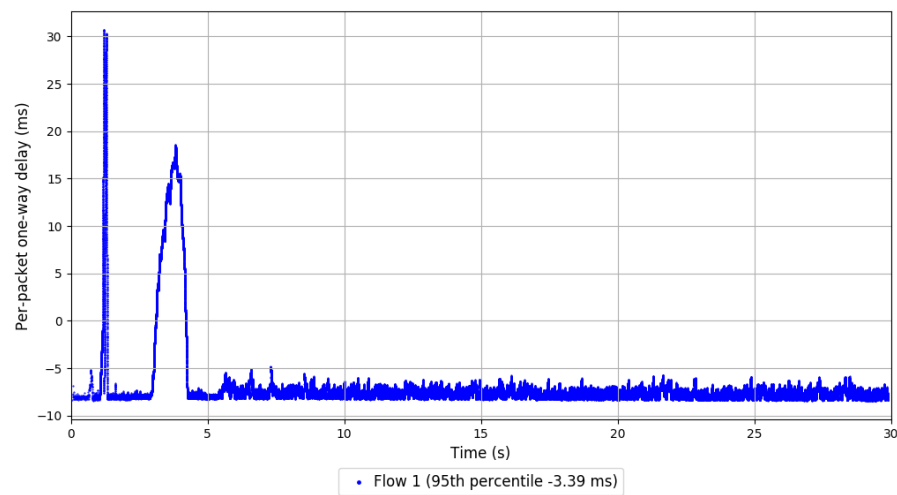
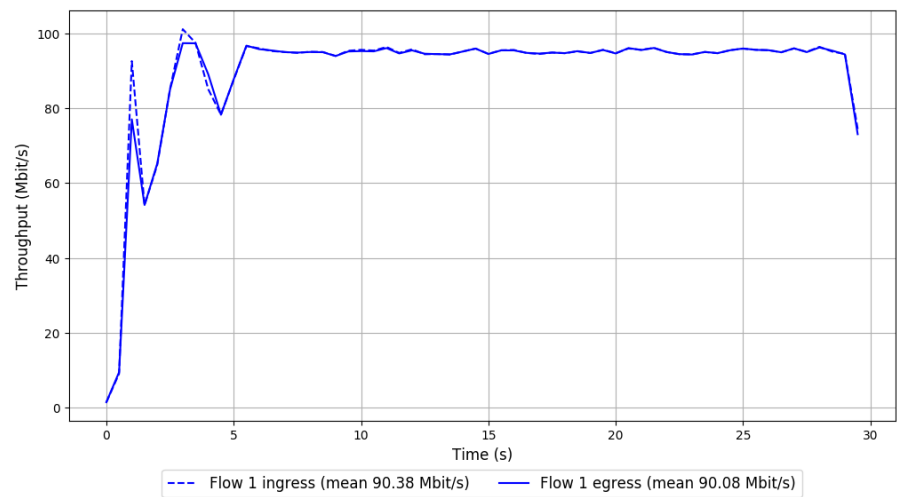
Run 9: Statistics of Vivace-LTE

Start at: 2018-02-04 10:42:53  
End at: 2018-02-04 10:43:23  
Local clock offset: 3.494 ms  
Remote clock offset: -24.206 ms

# Below is generated by plot.py at 2018-02-04 12:06:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.08 Mbit/s  
95th percentile per-packet one-way delay: -3.389 ms  
Loss rate: 0.32%  
-- Flow 1:  
Average throughput: 90.08 Mbit/s  
95th percentile per-packet one-way delay: -3.389 ms  
Loss rate: 0.32%



Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-04 11:04:02  
End at: 2018-02-04 11:04:32  
Local clock offset: 3.041 ms  
Remote clock offset: -20.864 ms

# Below is generated by plot.py at 2018-02-04 12:06:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.75 Mbit/s  
95th percentile per-packet one-way delay: -6.260 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 89.75 Mbit/s  
95th percentile per-packet one-way delay: -6.260 ms  
Loss rate: 0.61%

Run 10: Report of Vivace-LTE — Data Link

