

## Pantheon Report

Generated at 2017-08-29 16:01:25 (UTC).

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

Repeated the test of 15 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).

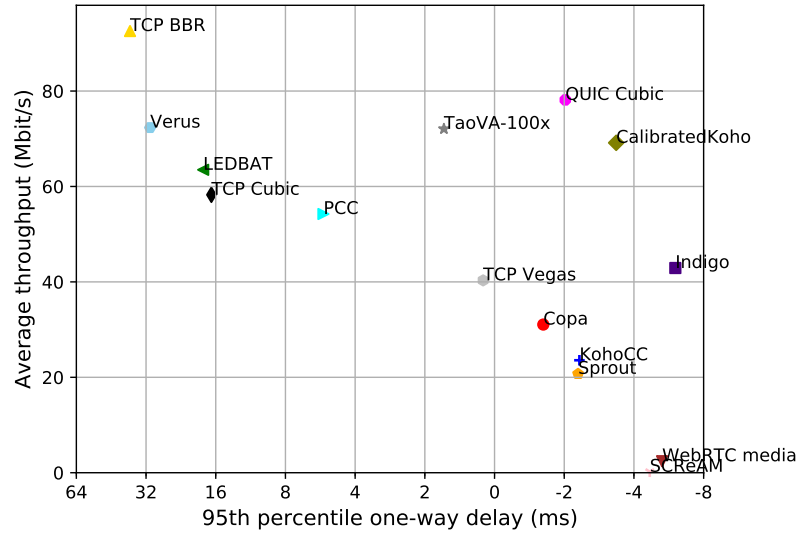
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

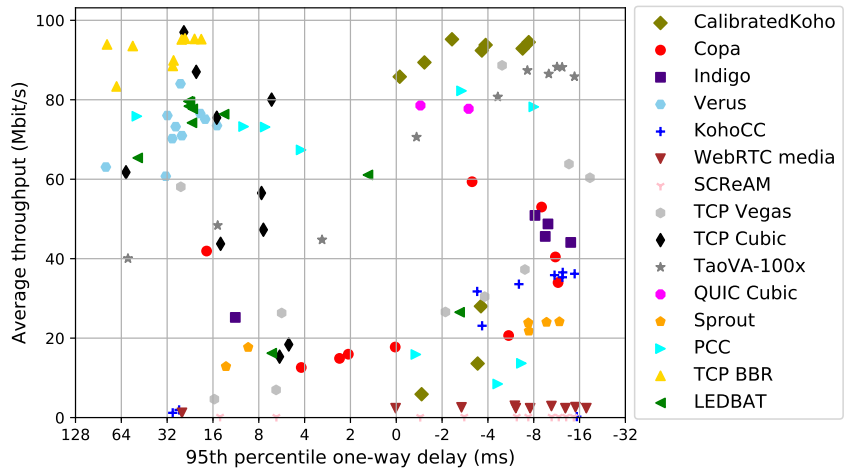
Git summary:

```
branch: master @ 8a8eb0fa450ac2fa3f5abc8e72a84db4249be58f
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ 7ddb4adf480966042c0438984cb22a298bfa635f
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 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/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	92.58	37.53	5.87
CalibratedKoho	10	69.15	-3.35	0.13
Copa	10	31.06	-1.40	0.12
TCP Cubic	10	58.26	16.71	0.34
Indigo	5	42.91	-6.04	0.00
KohoCC	10	23.57	-2.33	0.14
LEDBAT	10	63.49	18.14	0.17
PCC	9	54.23	5.48	0.42
QUIC Cubic	2	78.15	-2.02	0.11
SCReAM	10	0.21	-4.68	0.03
Sprout	6	20.73	-2.29	1.62
TaoVA-100x	10	72.07	1.45	0.18
TCP Vegas	10	40.32	0.33	0.14
Verus	10	72.34	30.73	22.20
WebRTC media	10	2.41	-5.29	0.11

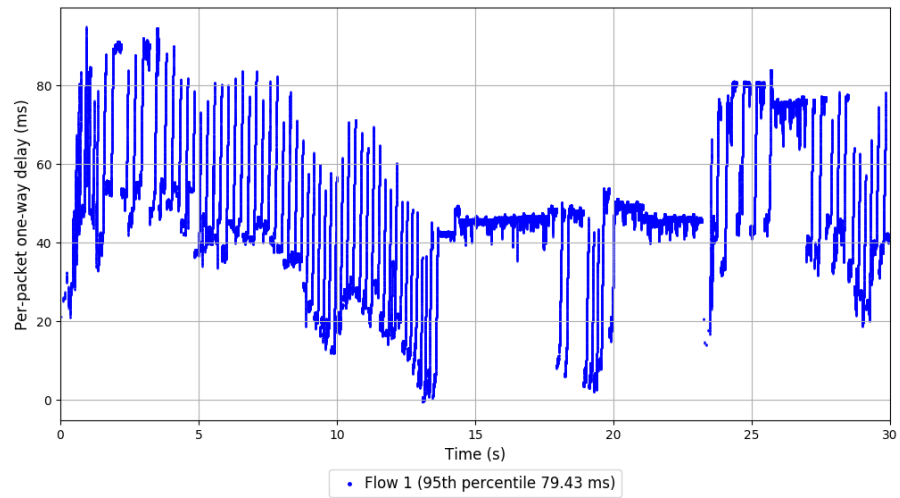
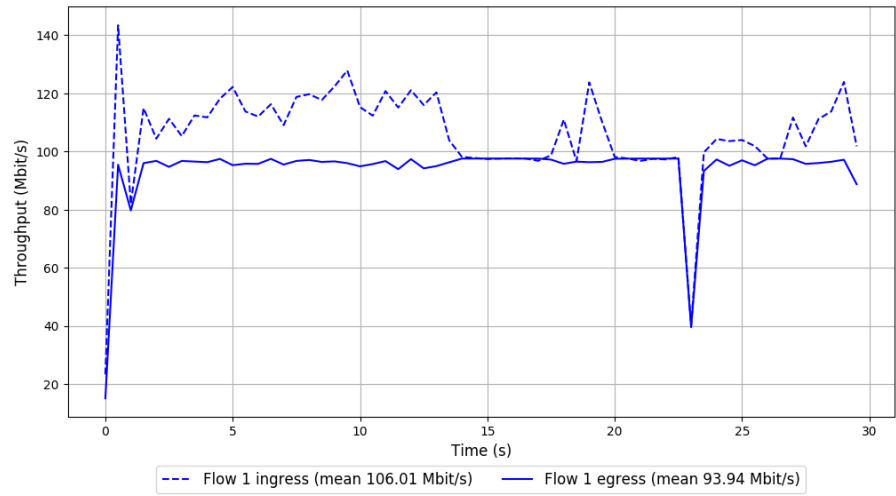
Run 1: Statistics of TCP BBR

Start at: 2017-08-29 11:20:23  
End at: 2017-08-29 11:20:53  
Local clock offset: 0.42 ms  
Remote clock offset: -31.636 ms

# Below is generated by plot.py at 2017-08-29 15:52:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.94 Mbit/s  
95th percentile per-packet one-way delay: 79.432 ms  
Loss rate: 11.44%  
-- Flow 1:  
Average throughput: 93.94 Mbit/s  
95th percentile per-packet one-way delay: 79.432 ms  
Loss rate: 11.44%



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

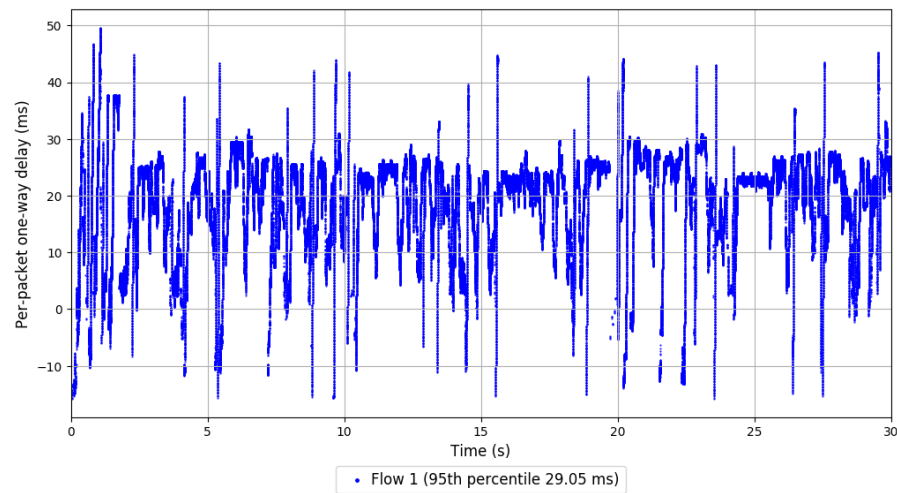
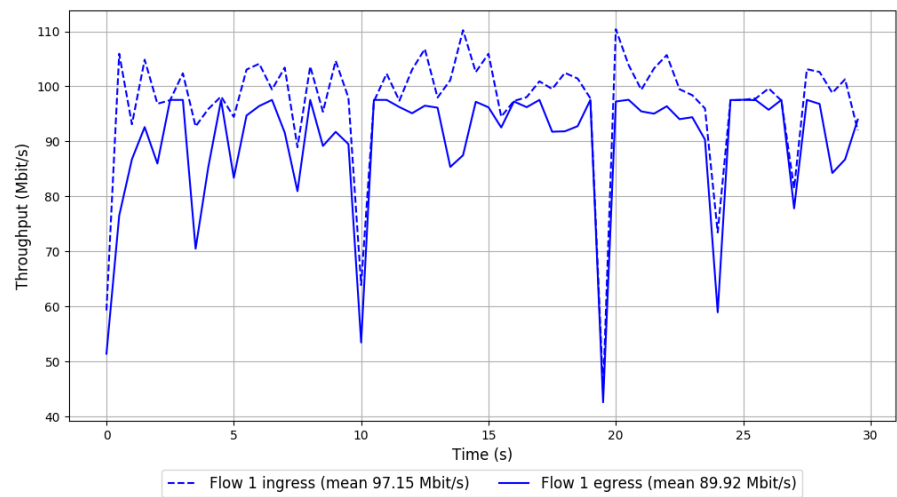


Run 2: Statistics of TCP BBR

Start at: 2017-08-29 12:02:06  
End at: 2017-08-29 12:02:36  
Local clock offset: 4.908 ms  
Remote clock offset: -34.812 ms

# Below is generated by plot.py at 2017-08-29 15:52:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.92 Mbit/s  
95th percentile per-packet one-way delay: 29.049 ms  
Loss rate: 7.40%  
-- Flow 1:  
Average throughput: 89.92 Mbit/s  
95th percentile per-packet one-way delay: 29.049 ms  
Loss rate: 7.40%

Run 2: Report of TCP BBR — Data Link

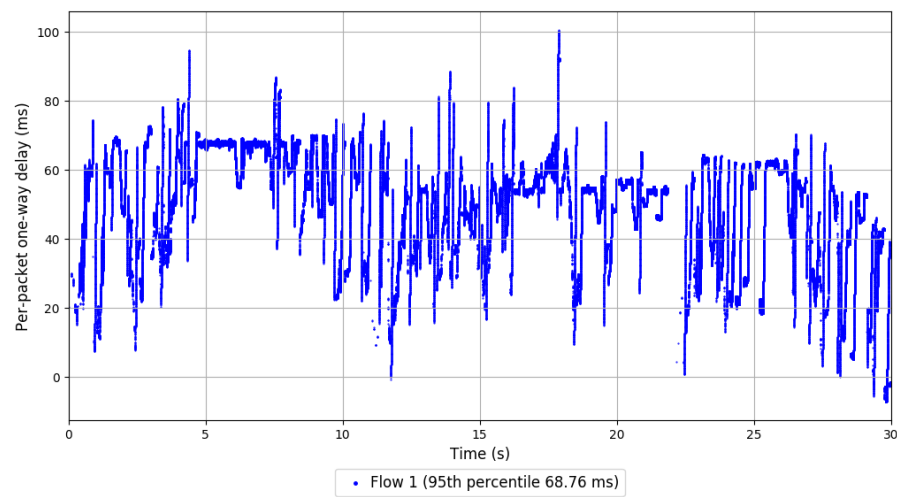
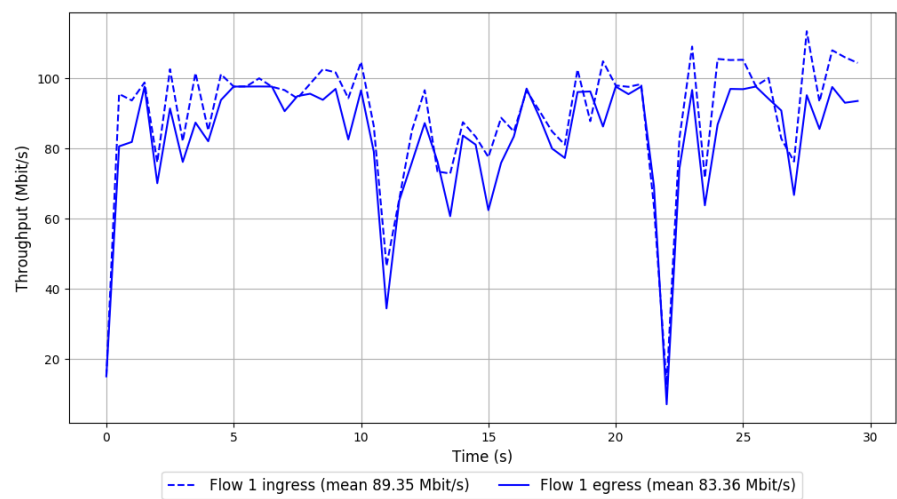


Run 3: Statistics of TCP BBR

Start at: 2017-08-29 12:27:43  
End at: 2017-08-29 12:28:13  
Local clock offset: 3.314 ms  
Remote clock offset: -35.063 ms

# Below is generated by plot.py at 2017-08-29 15:52:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 83.36 Mbit/s  
95th percentile per-packet one-way delay: 68.762 ms  
Loss rate: 6.78%  
-- Flow 1:  
Average throughput: 83.36 Mbit/s  
95th percentile per-packet one-way delay: 68.762 ms  
Loss rate: 6.78%

Run 3: Report of TCP BBR — Data Link

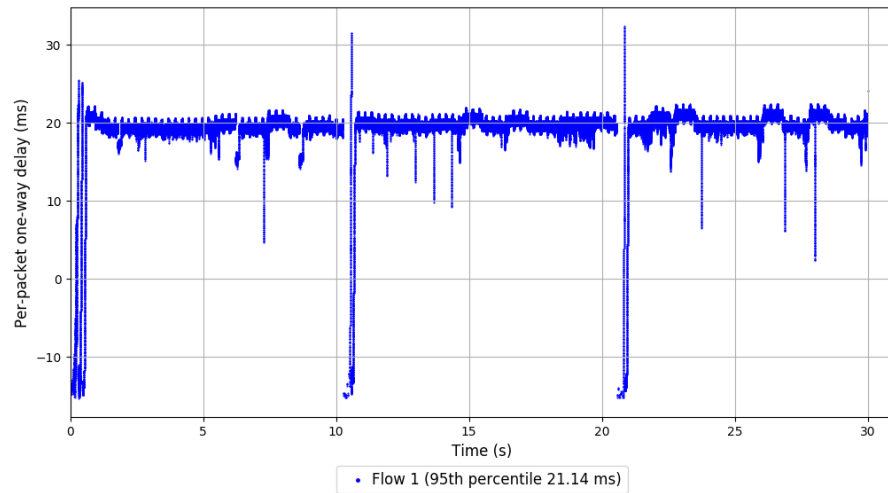
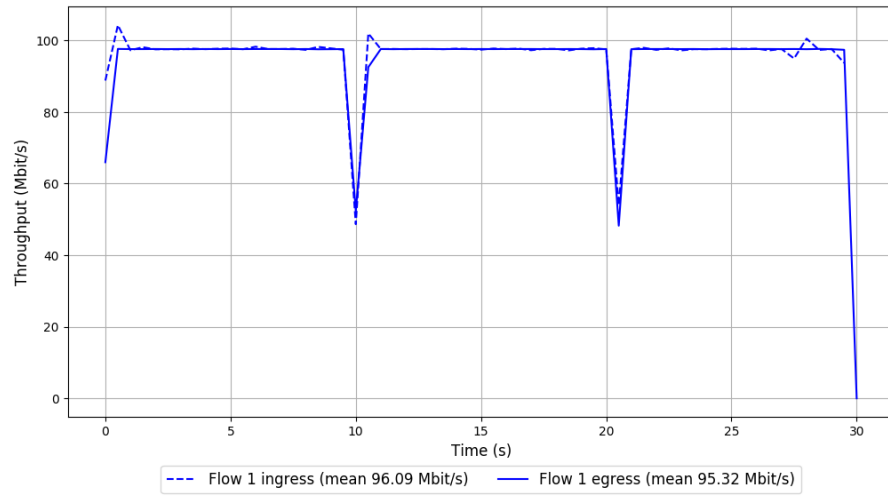


Run 4: Statistics of TCP BBR

Start at: 2017-08-29 12:45:57  
End at: 2017-08-29 12:46:27  
Local clock offset: 1.443 ms  
Remote clock offset: -34.94 ms

# Below is generated by plot.py at 2017-08-29 15:53:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.32 Mbit/s  
95th percentile per-packet one-way delay: 21.142 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 95.32 Mbit/s  
95th percentile per-packet one-way delay: 21.142 ms  
Loss rate: 0.67%

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



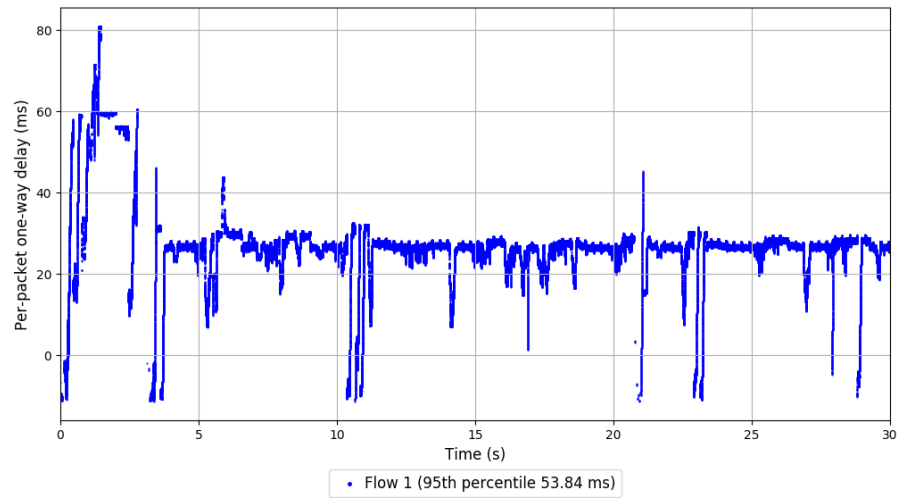
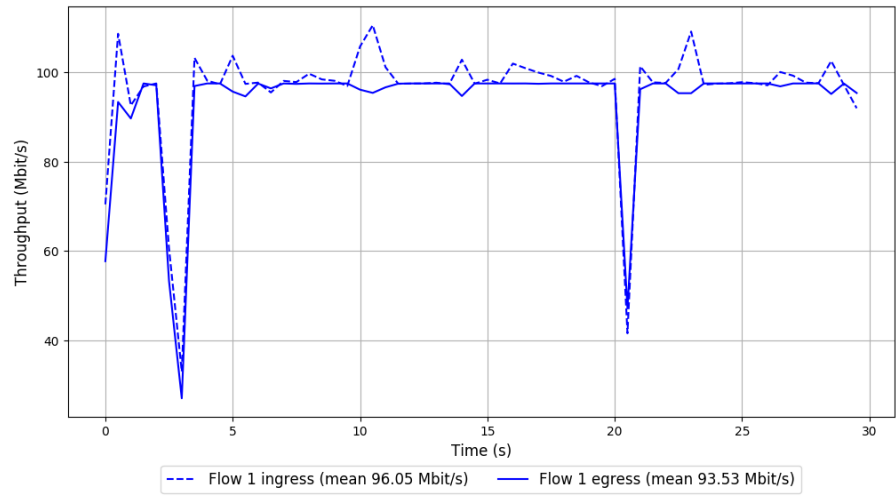
Run 5: Statistics of TCP BBR

Start at: 2017-08-29 13:05:29  
End at: 2017-08-29 13:05:59  
Local clock offset: 2.328 ms  
Remote clock offset: -33.546 ms

# Below is generated by plot.py at 2017-08-29 15:53:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.53 Mbit/s  
95th percentile per-packet one-way delay: 53.839 ms  
Loss rate: 2.53%  
-- Flow 1:  
Average throughput: 93.53 Mbit/s  
95th percentile per-packet one-way delay: 53.839 ms  
Loss rate: 2.53%



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

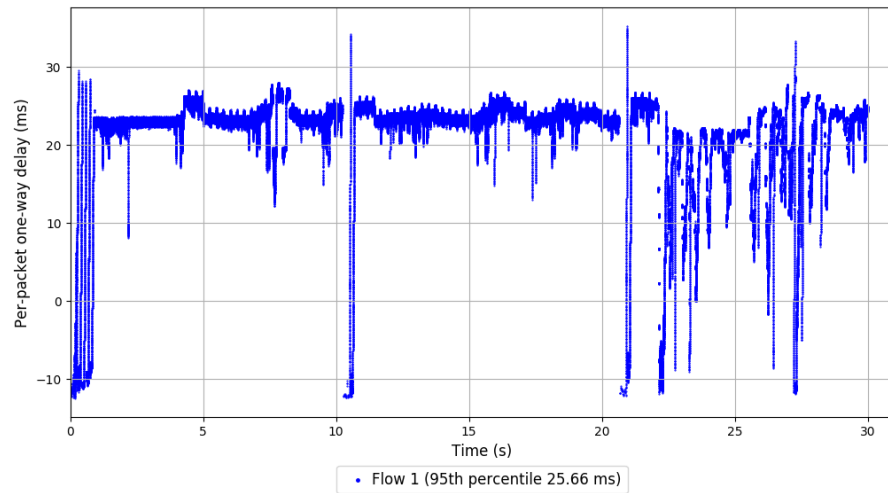
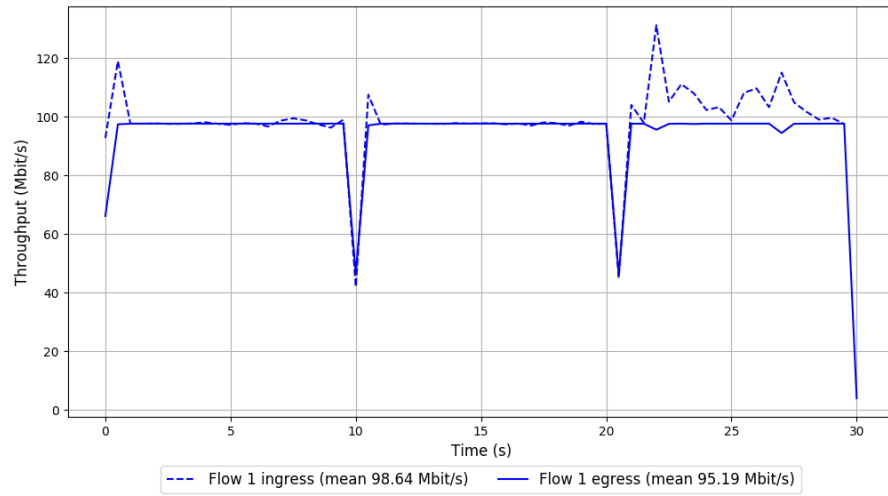


Run 6: Statistics of TCP BBR

Start at: 2017-08-29 13:26:50  
End at: 2017-08-29 13:27:20  
Local clock offset: 1.934 ms  
Remote clock offset: -32.409 ms

# Below is generated by plot.py at 2017-08-29 15:53:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.19 Mbit/s  
95th percentile per-packet one-way delay: 25.656 ms  
Loss rate: 3.38%  
-- Flow 1:  
Average throughput: 95.19 Mbit/s  
95th percentile per-packet one-way delay: 25.656 ms  
Loss rate: 3.38%

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

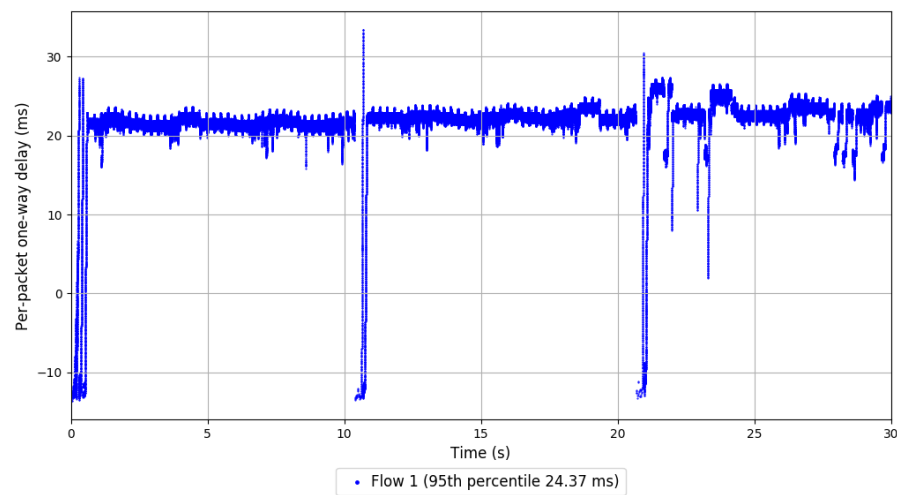
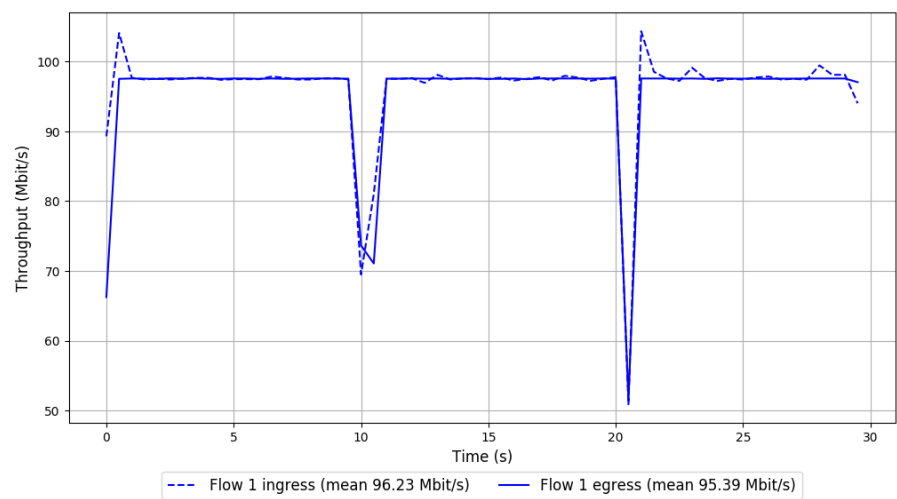


Run 7: Statistics of TCP BBR

Start at: 2017-08-29 13:47:02  
End at: 2017-08-29 13:47:32  
Local clock offset: 4.034 ms  
Remote clock offset: -31.33 ms

# Below is generated by plot.py at 2017-08-29 15:53:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.39 Mbit/s  
95th percentile per-packet one-way delay: 24.369 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 95.39 Mbit/s  
95th percentile per-packet one-way delay: 24.369 ms  
Loss rate: 0.75%

Run 7: Report of TCP BBR — Data Link

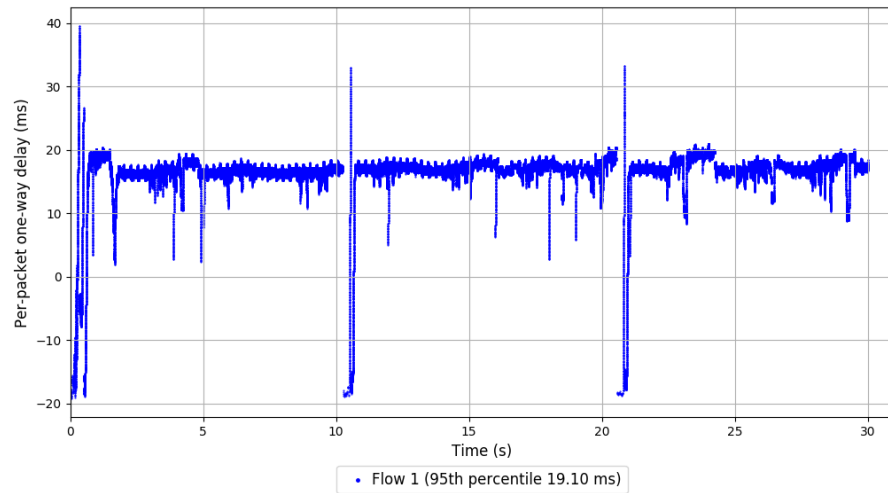
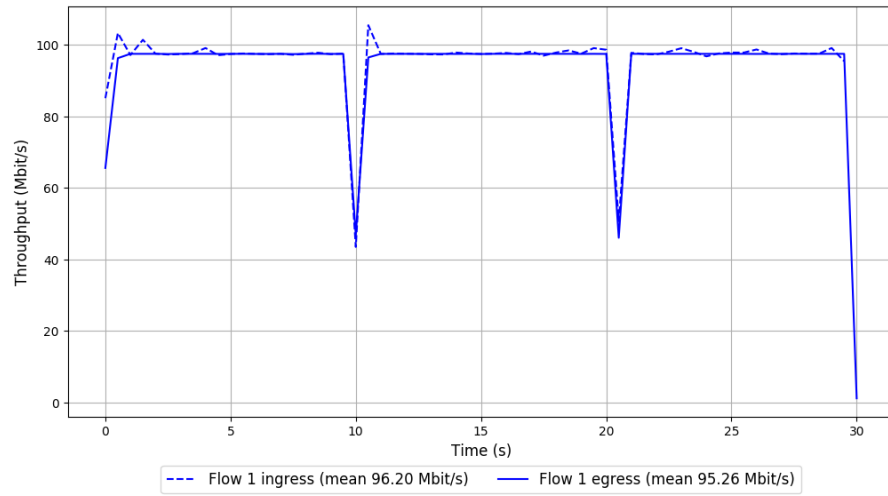


Run 8: Statistics of TCP BBR

Start at: 2017-08-29 14:06:22  
End at: 2017-08-29 14:06:52  
Local clock offset: 5.261 ms  
Remote clock offset: -35.773 ms

# Below is generated by plot.py at 2017-08-29 15:53:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.26 Mbit/s  
95th percentile per-packet one-way delay: 19.101 ms  
Loss rate: 0.86%  
-- Flow 1:  
Average throughput: 95.26 Mbit/s  
95th percentile per-packet one-way delay: 19.101 ms  
Loss rate: 0.86%

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



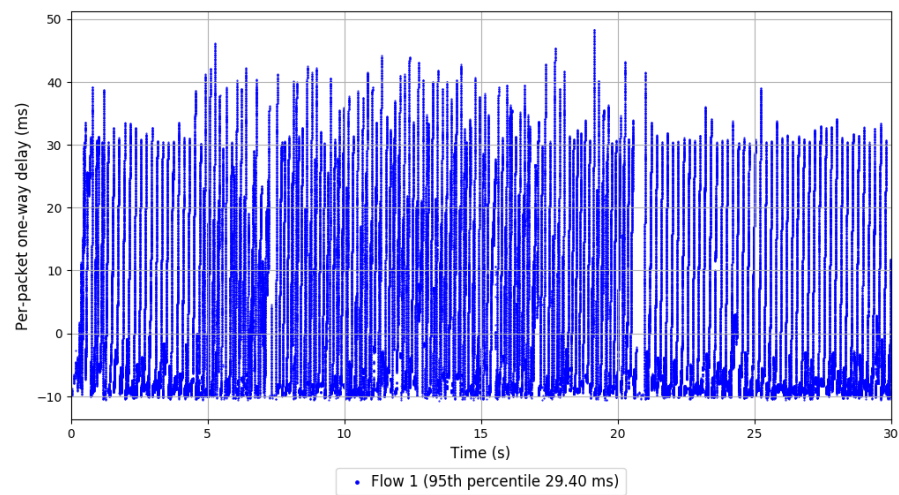
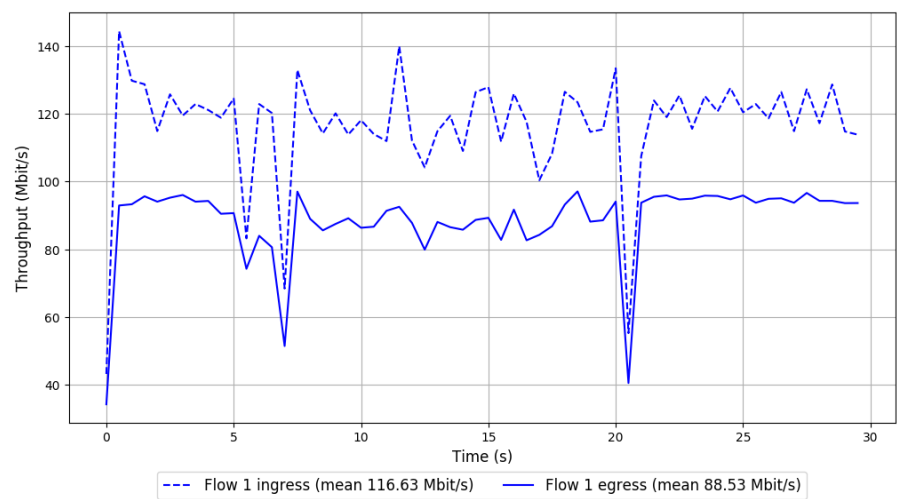
Run 9: Statistics of TCP BBR

Start at: 2017-08-29 14:30:22  
End at: 2017-08-29 14:30:52  
Local clock offset: 2.826 ms  
Remote clock offset: -32.073 ms

# Below is generated by plot.py at 2017-08-29 15:53:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.53 Mbit/s  
95th percentile per-packet one-way delay: 29.403 ms  
Loss rate: 24.04%  
-- Flow 1:  
Average throughput: 88.53 Mbit/s  
95th percentile per-packet one-way delay: 29.403 ms  
Loss rate: 24.04%



Run 9: Report of TCP BBR — Data Link

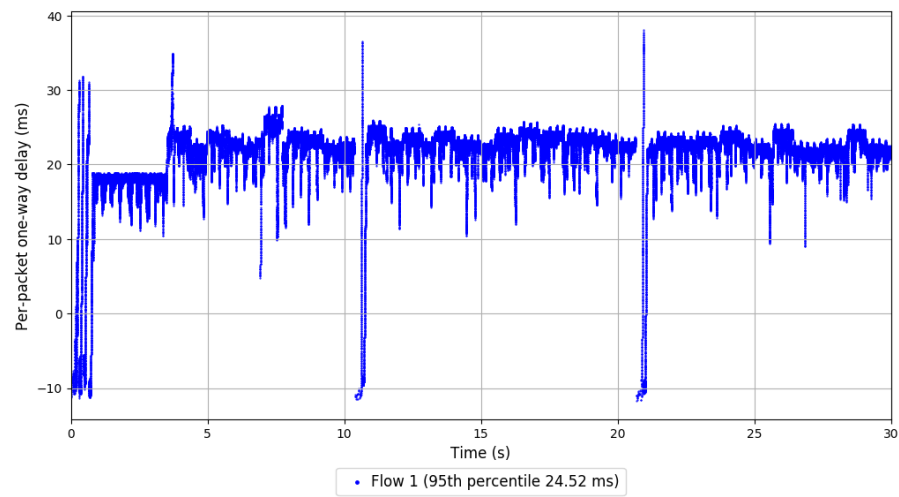
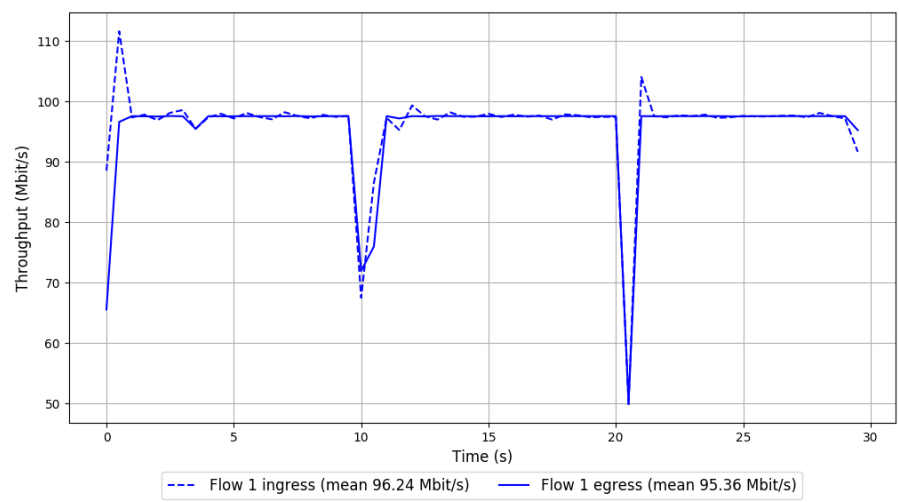


Run 10: Statistics of TCP BBR

Start at: 2017-08-29 15:12:32  
End at: 2017-08-29 15:13:02  
Local clock offset: 2.09 ms  
Remote clock offset: -33.073 ms

# Below is generated by plot.py at 2017-08-29 15:53:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.36 Mbit/s  
95th percentile per-packet one-way delay: 24.522 ms  
Loss rate: 0.82%  
-- Flow 1:  
Average throughput: 95.36 Mbit/s  
95th percentile per-packet one-way delay: 24.522 ms  
Loss rate: 0.82%

Run 10: Report of TCP BBR — Data Link

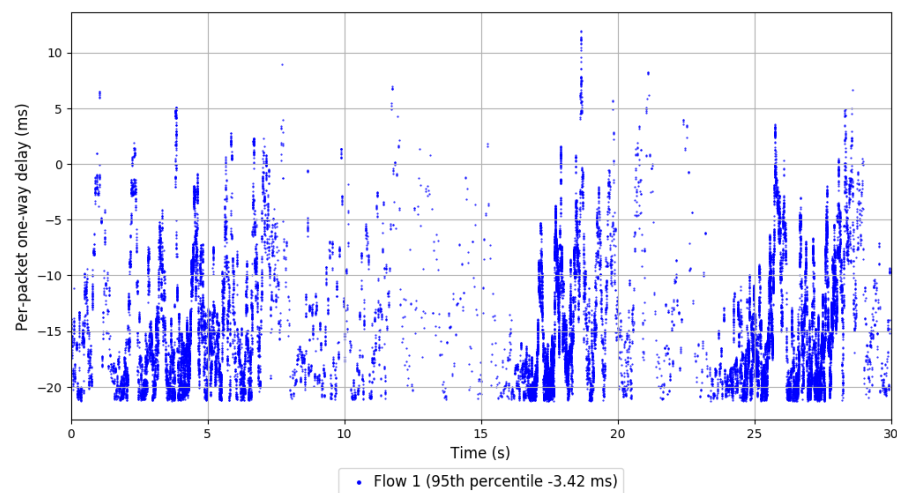
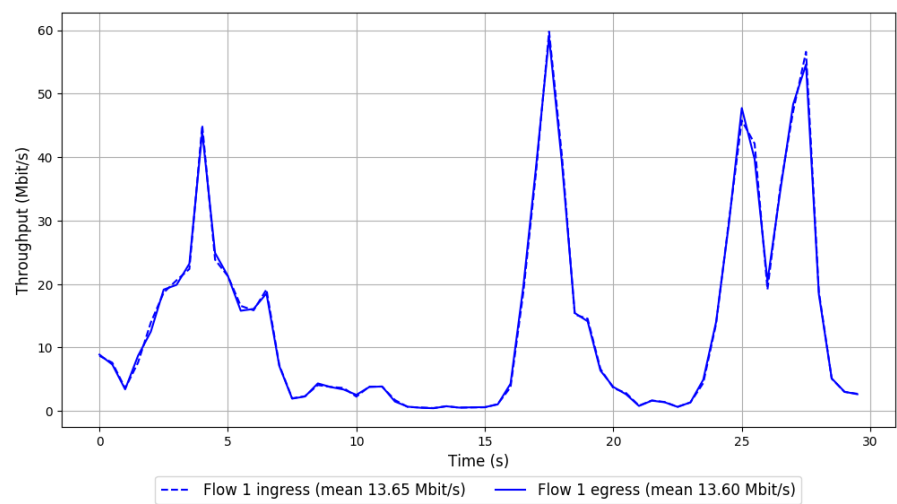


Run 1: Statistics of CalibratedKoho

Start at: 2017-08-29 11:25:51  
End at: 2017-08-29 11:26:21  
Local clock offset: 3.056 ms  
Remote clock offset: -41.631 ms

# Below is generated by plot.py at 2017-08-29 15:53:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 13.60 Mbit/s  
95th percentile per-packet one-way delay: -3.424 ms  
Loss rate: 0.29%  
-- Flow 1:  
Average throughput: 13.60 Mbit/s  
95th percentile per-packet one-way delay: -3.424 ms  
Loss rate: 0.29%

Run 1: Report of CalibratedKoho — Data Link

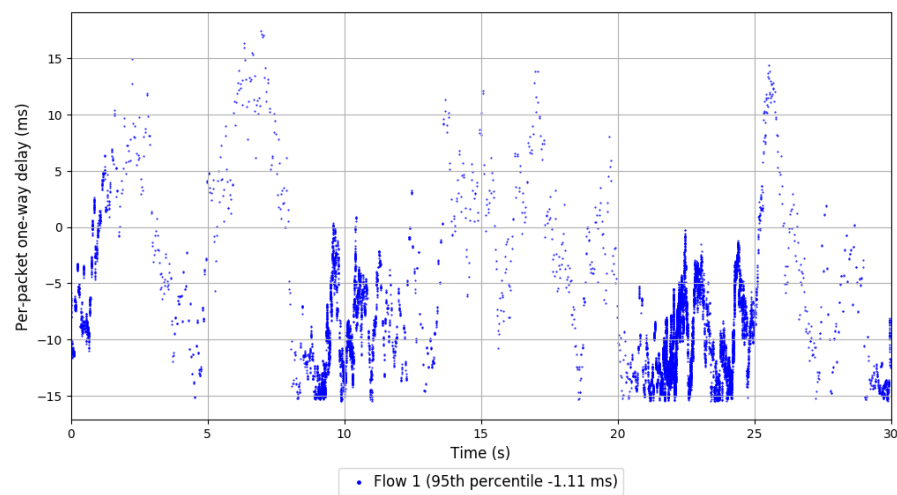
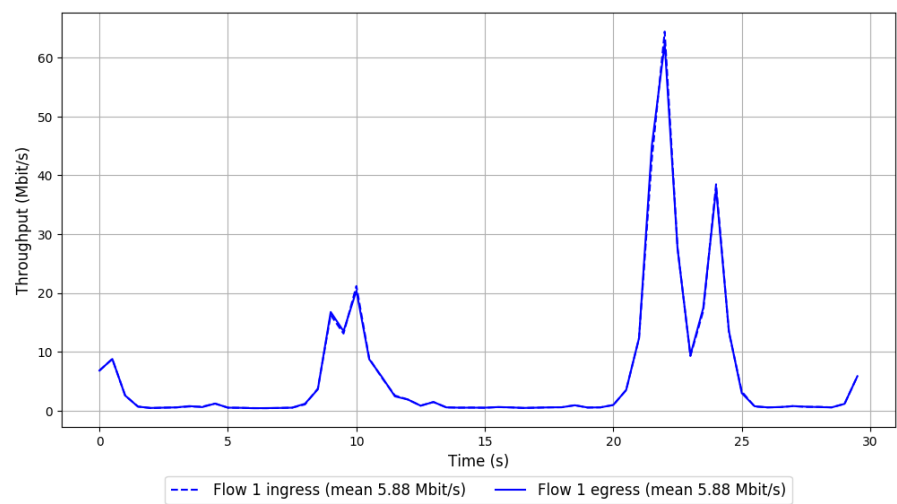


Run 2: Statistics of CalibratedKoho

Start at: 2017-08-29 12:10:00  
End at: 2017-08-29 12:10:30  
Local clock offset: 1.787 ms  
Remote clock offset: -34.501 ms

# Below is generated by plot.py at 2017-08-29 15:53:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 5.88 Mbit/s  
95th percentile per-packet one-way delay: -1.106 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 5.88 Mbit/s  
95th percentile per-packet one-way delay: -1.106 ms  
Loss rate: 0.00%

Run 2: Report of CalibratedKoho — Data Link



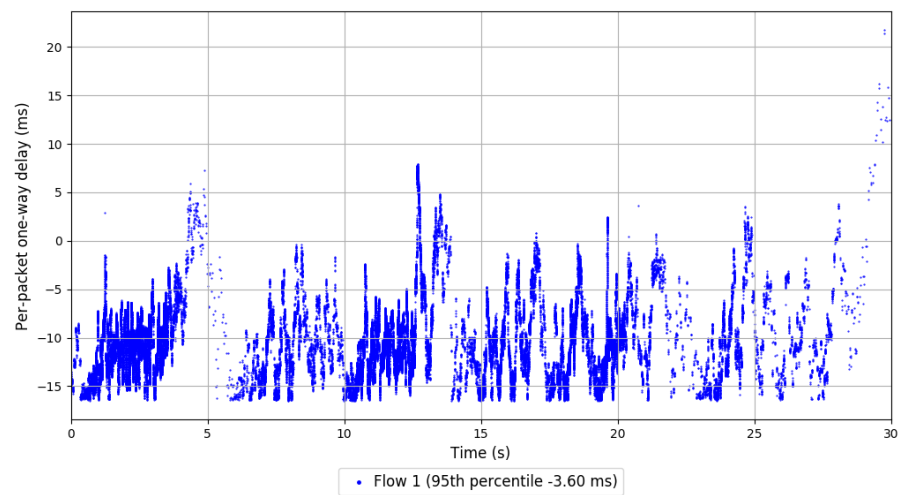
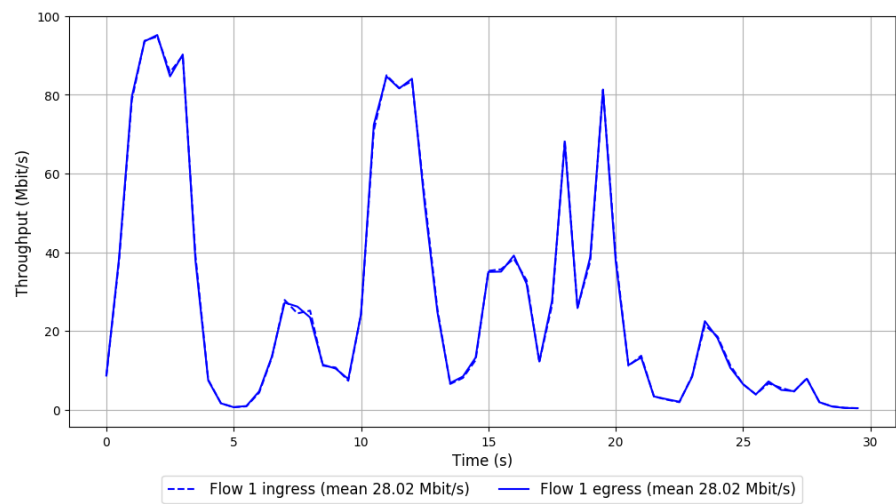
Run 3: Statistics of CalibratedKoho

Start at: 2017-08-29 12:29:05  
End at: 2017-08-29 12:29:35  
Local clock offset: 2.932 ms  
Remote clock offset: -34.511 ms

# Below is generated by plot.py at 2017-08-29 15:53:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 28.02 Mbit/s  
95th percentile per-packet one-way delay: -3.599 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 28.02 Mbit/s  
95th percentile per-packet one-way delay: -3.599 ms  
Loss rate: 0.01%



Run 3: Report of CalibratedKoho — Data Link

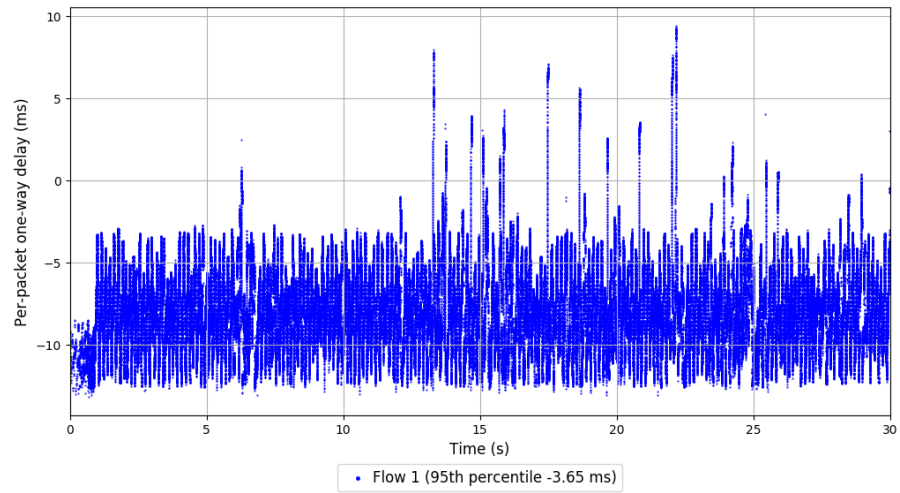
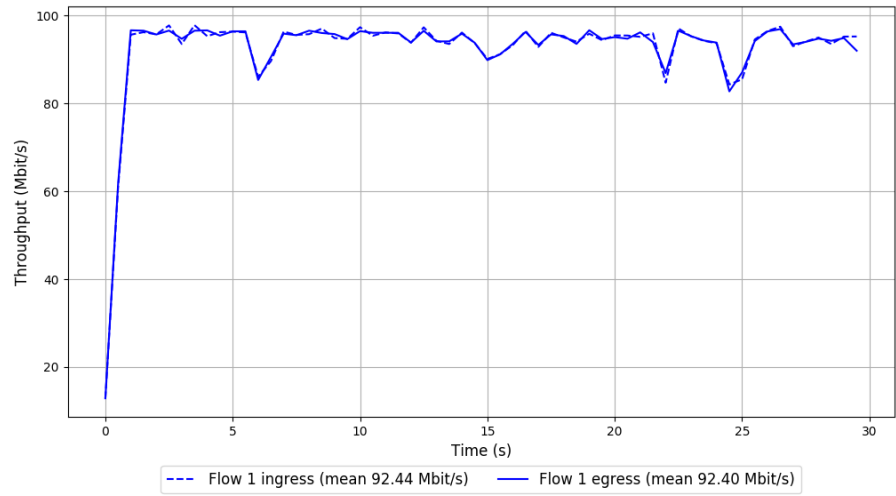


Run 4: Statistics of CalibratedKoho

Start at: 2017-08-29 12:47:15  
End at: 2017-08-29 12:47:45  
Local clock offset: 3.921 ms  
Remote clock offset: -33.607 ms

# Below is generated by plot.py at 2017-08-29 15:53:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.40 Mbit/s  
95th percentile per-packet one-way delay: -3.650 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 92.40 Mbit/s  
95th percentile per-packet one-way delay: -3.650 ms  
Loss rate: 0.03%

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

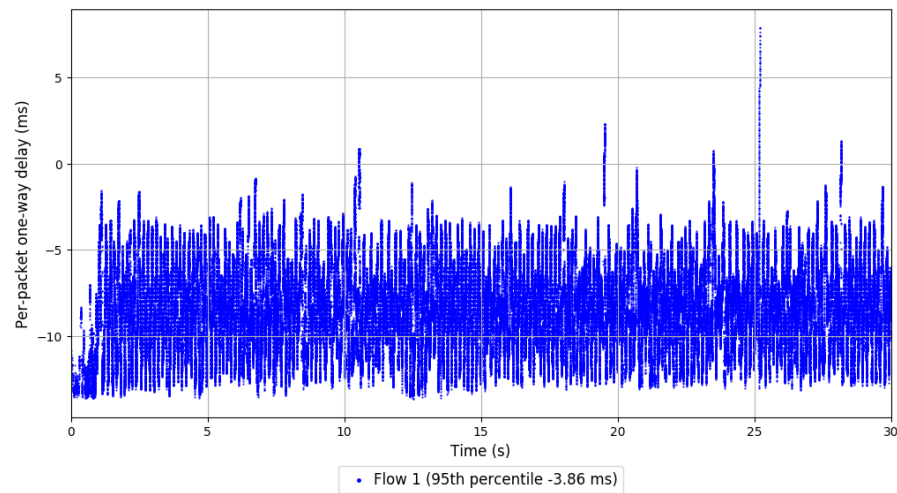
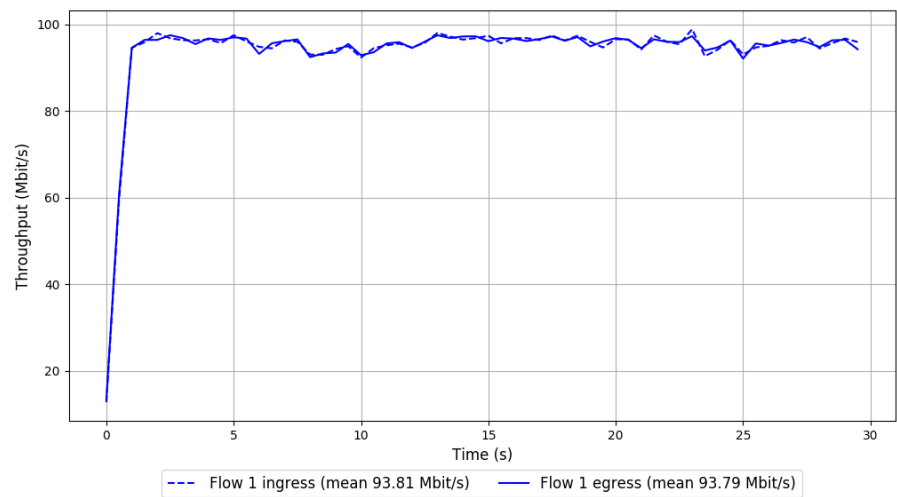


Run 5: Statistics of CalibratedKoho

Start at: 2017-08-29 13:06:54  
End at: 2017-08-29 13:07:24  
Local clock offset: 2.099 ms  
Remote clock offset: -35.708 ms

# Below is generated by plot.py at 2017-08-29 15:53:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.79 Mbit/s  
95th percentile per-packet one-way delay: -3.864 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 93.79 Mbit/s  
95th percentile per-packet one-way delay: -3.864 ms  
Loss rate: 0.01%

Run 5: Report of CalibratedKoho — Data Link

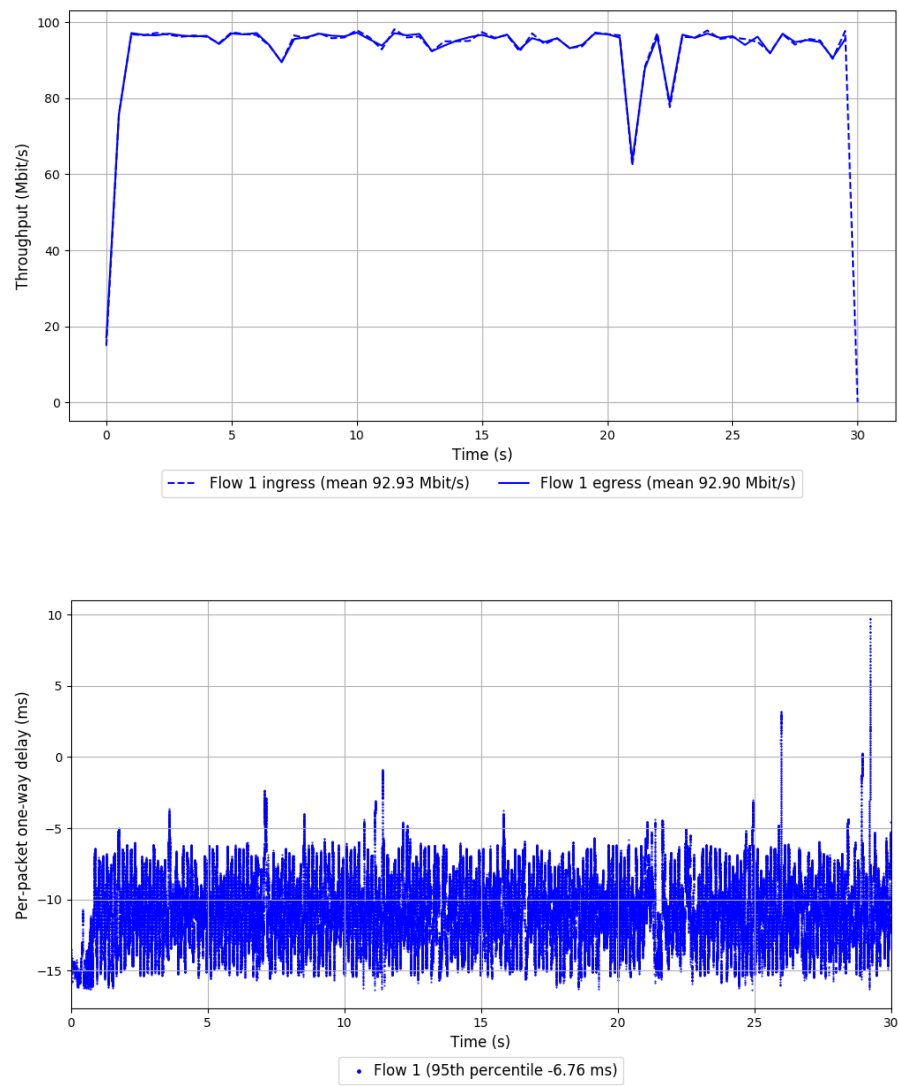


Run 6: Statistics of CalibratedKoho

Start at: 2017-08-29 13:28:21  
End at: 2017-08-29 13:28:51  
Local clock offset: 4.434 ms  
Remote clock offset: -32.825 ms

# Below is generated by plot.py at 2017-08-29 15:54:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.90 Mbit/s  
95th percentile per-packet one-way delay: -6.763 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 92.90 Mbit/s  
95th percentile per-packet one-way delay: -6.763 ms  
Loss rate: 0.00%

Run 6: Report of CalibratedKoho — Data Link



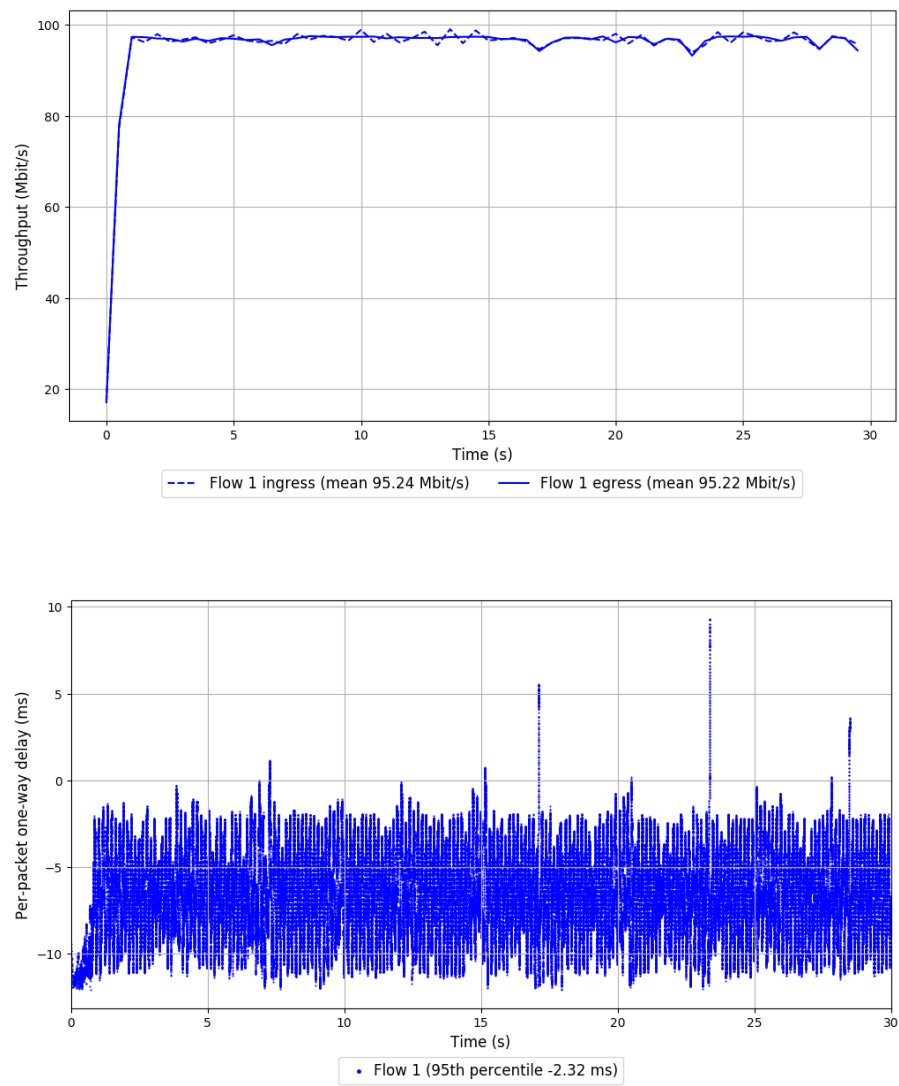
Run 7: Statistics of CalibratedKoho

Start at: 2017-08-29 13:48:23  
End at: 2017-08-29 13:48:53  
Local clock offset: 1.788 ms  
Remote clock offset: -31.238 ms

# Below is generated by plot.py at 2017-08-29 15:54:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.22 Mbit/s  
95th percentile per-packet one-way delay: -2.323 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 95.22 Mbit/s  
95th percentile per-packet one-way delay: -2.323 ms  
Loss rate: 0.00%



Run 7: Report of CalibratedKoho — Data Link

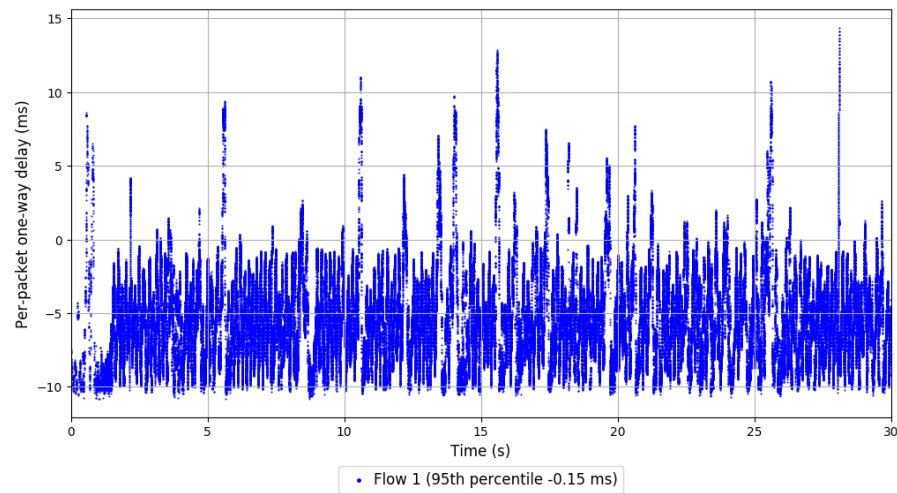
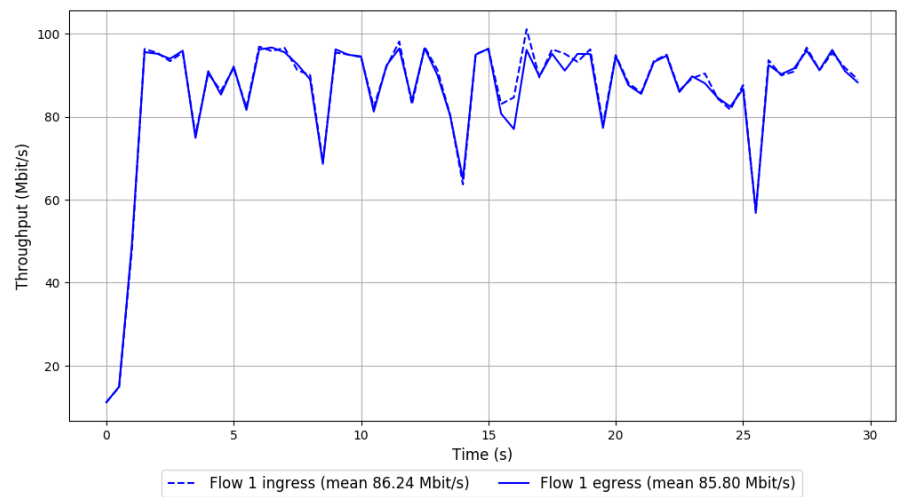


Run 8: Statistics of CalibratedKoho

Start at: 2017-08-29 14:07:51  
End at: 2017-08-29 14:08:21  
Local clock offset: 3.088 ms  
Remote clock offset: -31.972 ms

# Below is generated by plot.py at 2017-08-29 15:54:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.80 Mbit/s  
95th percentile per-packet one-way delay: -0.151 ms  
Loss rate: 0.52%  
-- Flow 1:  
Average throughput: 85.80 Mbit/s  
95th percentile per-packet one-way delay: -0.151 ms  
Loss rate: 0.52%

Run 8: Report of CalibratedKoho — Data Link

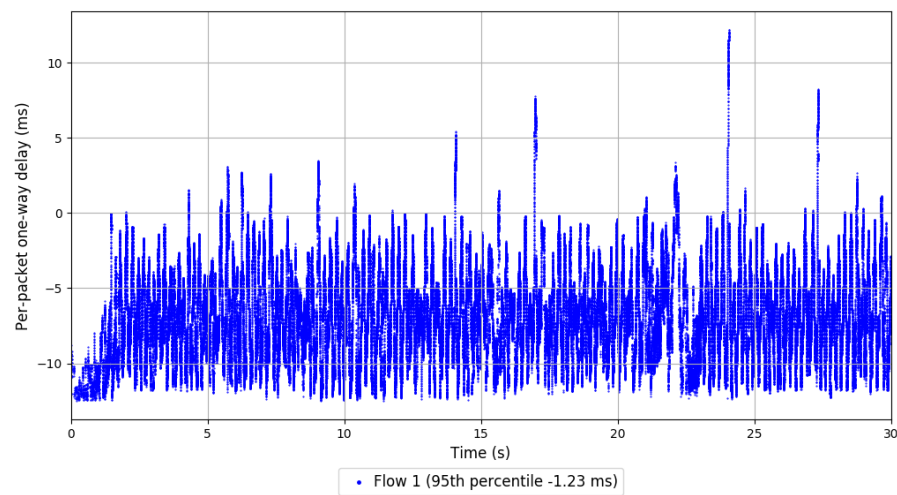
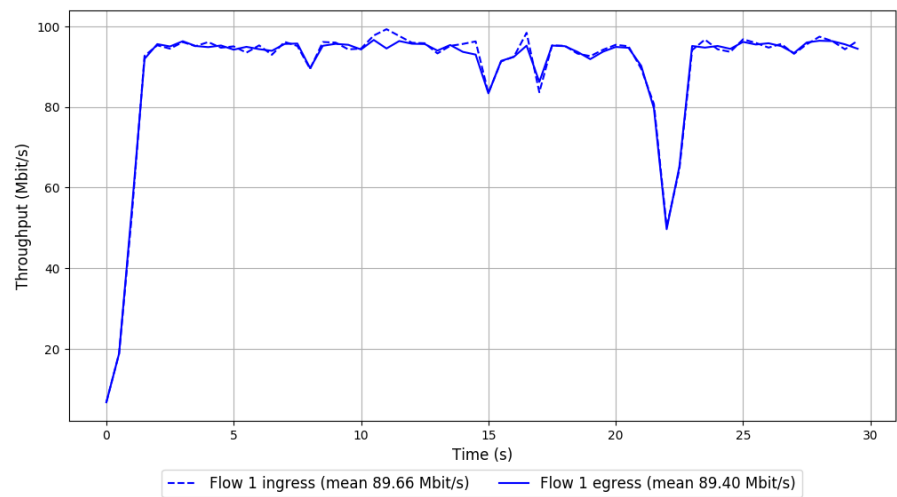


Run 9: Statistics of CalibratedKoho

Start at: 2017-08-29 14:35:46  
End at: 2017-08-29 14:36:16  
Local clock offset: 1.886 ms  
Remote clock offset: -31.547 ms

# Below is generated by plot.py at 2017-08-29 15:54:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.40 Mbit/s  
95th percentile per-packet one-way delay: -1.229 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 89.40 Mbit/s  
95th percentile per-packet one-way delay: -1.229 ms  
Loss rate: 0.26%

Run 9: Report of CalibratedKoho — Data Link

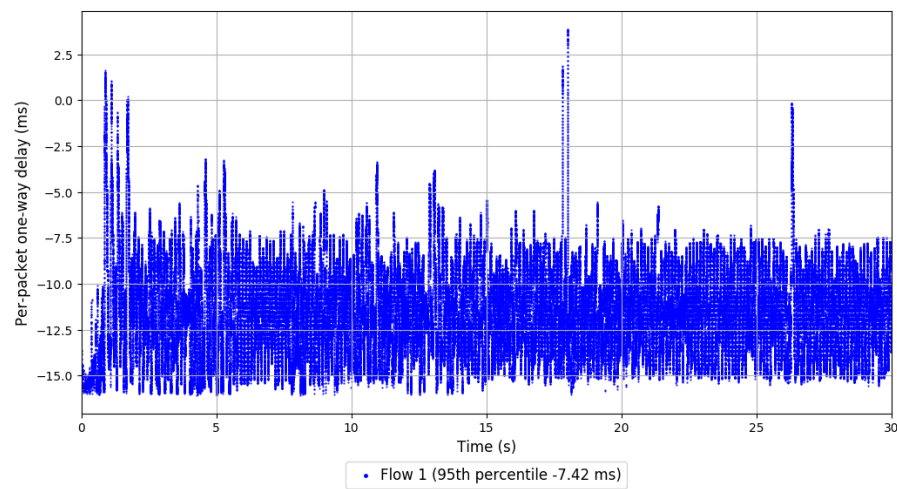
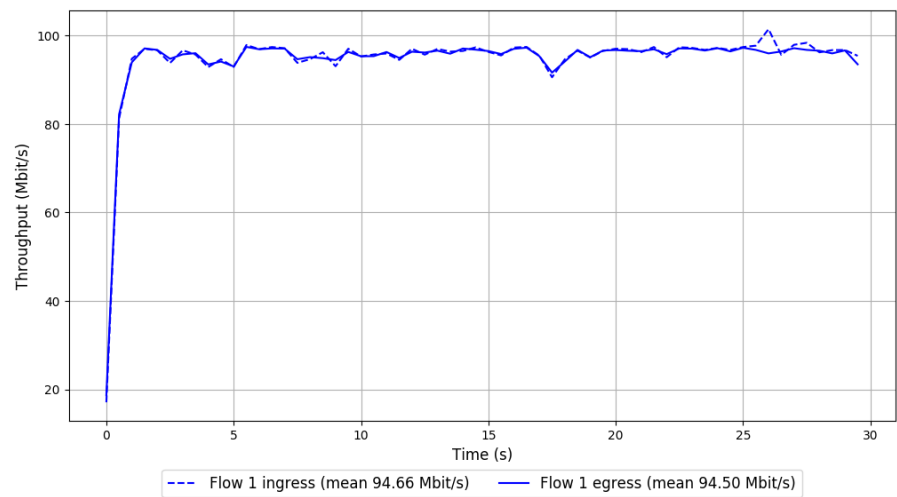


Run 10: Statistics of CalibratedKoho

Start at: 2017-08-29 15:14:51  
End at: 2017-08-29 15:15:21  
Local clock offset: 4.095 ms  
Remote clock offset: -32.846 ms

# Below is generated by plot.py at 2017-08-29 15:54:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.50 Mbit/s  
95th percentile per-packet one-way delay: -7.415 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 94.50 Mbit/s  
95th percentile per-packet one-way delay: -7.415 ms  
Loss rate: 0.17%

Run 10: Report of CalibratedKoho — Data Link



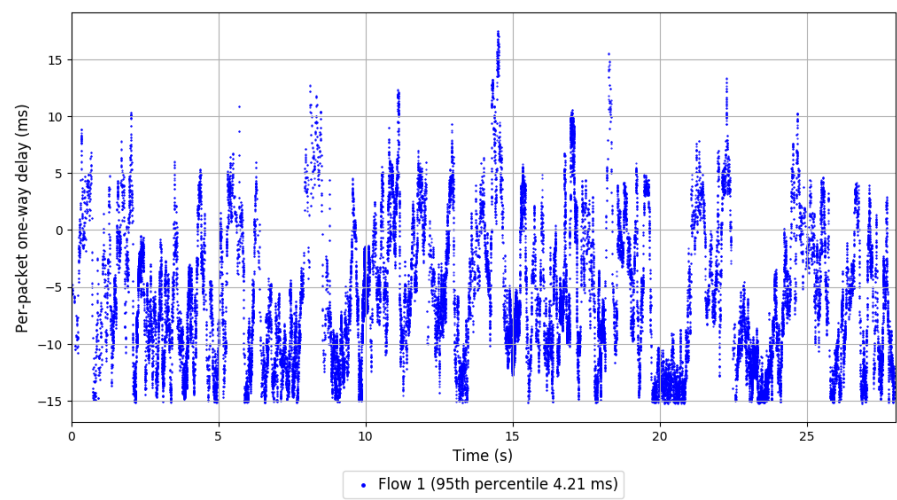
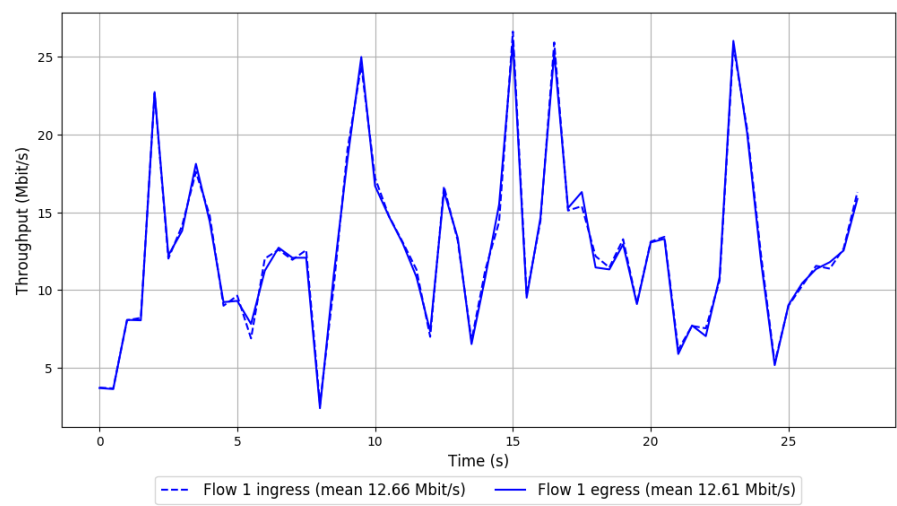
Run 1: Statistics of Copa

Start at: 2017-08-29 11:03:29  
End at: 2017-08-29 11:03:59  
Local clock offset: -3.336 ms  
Remote clock offset: -42.625 ms

# Below is generated by plot.py at 2017-08-29 15:54:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.61 Mbit/s  
95th percentile per-packet one-way delay: 4.208 ms  
Loss rate: 0.44%  
-- Flow 1:  
Average throughput: 12.61 Mbit/s  
95th percentile per-packet one-way delay: 4.208 ms  
Loss rate: 0.44%



Run 1: Report of Copa — Data Link

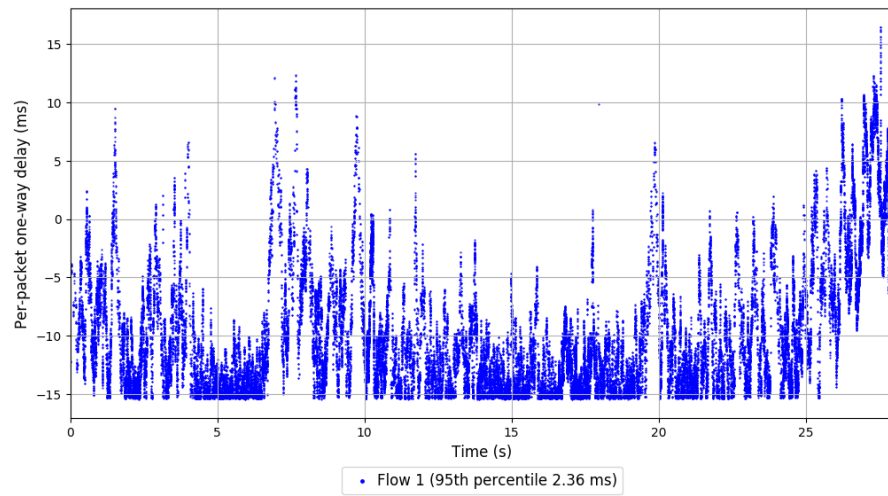
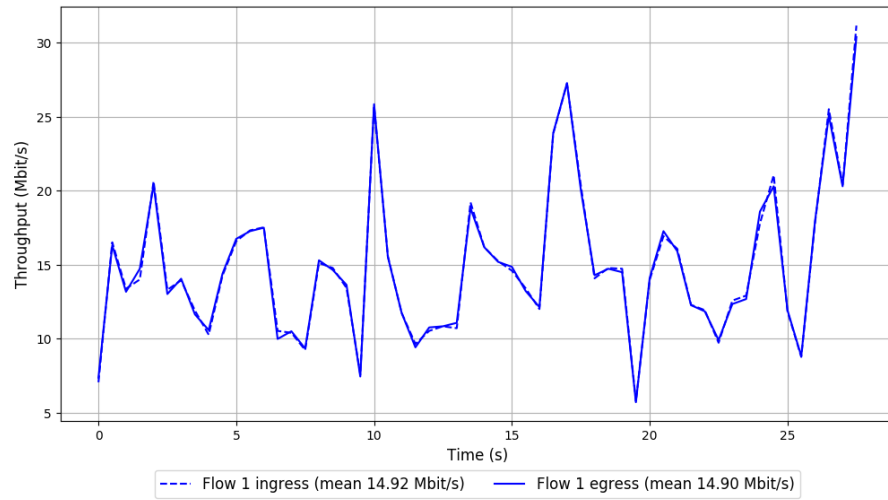


Run 2: Statistics of Copa

Start at: 2017-08-29 11:31:41  
End at: 2017-08-29 11:32:11  
Local clock offset: 2.981 ms  
Remote clock offset: -35.898 ms

# Below is generated by plot.py at 2017-08-29 15:54:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 14.90 Mbit/s  
95th percentile per-packet one-way delay: 2.359 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 14.90 Mbit/s  
95th percentile per-packet one-way delay: 2.359 ms  
Loss rate: 0.12%

## Run 2: Report of Copa — Data Link

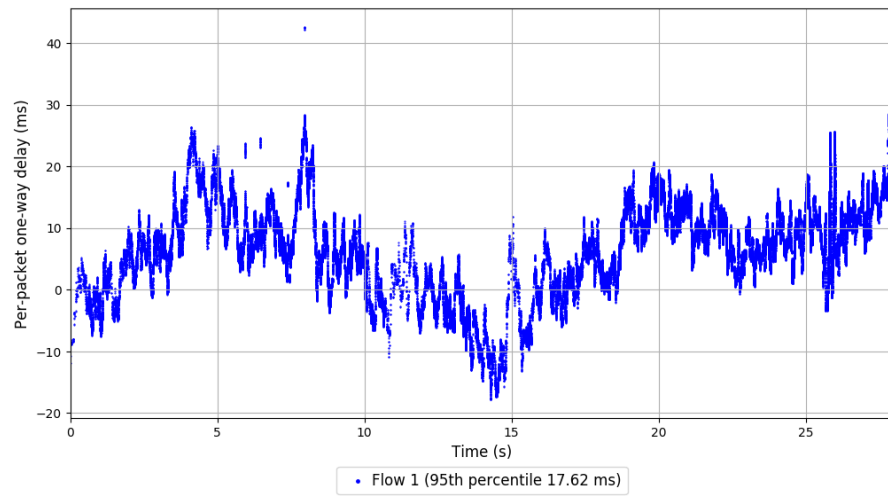
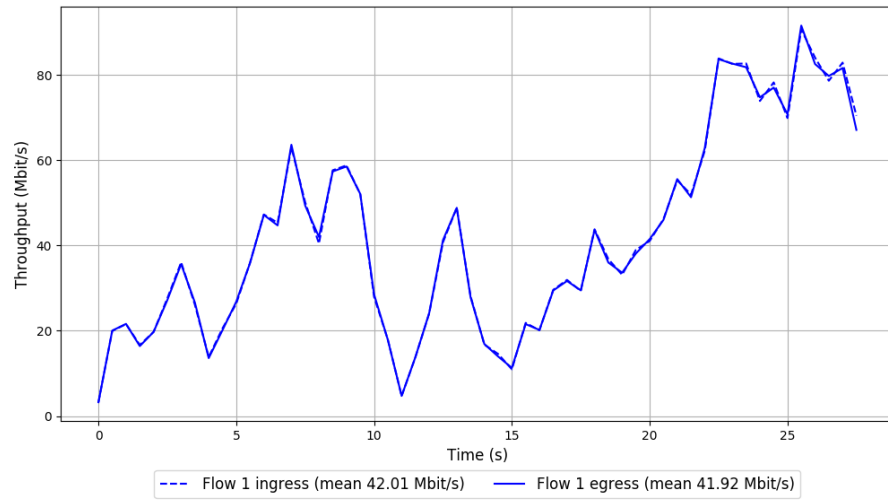


Run 3: Statistics of Copa

Start at: 2017-08-29 12:14:25  
End at: 2017-08-29 12:14:55  
Local clock offset: 2.719 ms  
Remote clock offset: -36.161 ms

# Below is generated by plot.py at 2017-08-29 15:54:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 41.92 Mbit/s  
95th percentile per-packet one-way delay: 17.620 ms  
Loss rate: 0.24%  
-- Flow 1:  
Average throughput: 41.92 Mbit/s  
95th percentile per-packet one-way delay: 17.620 ms  
Loss rate: 0.24%

### Run 3: Report of Copa — Data Link

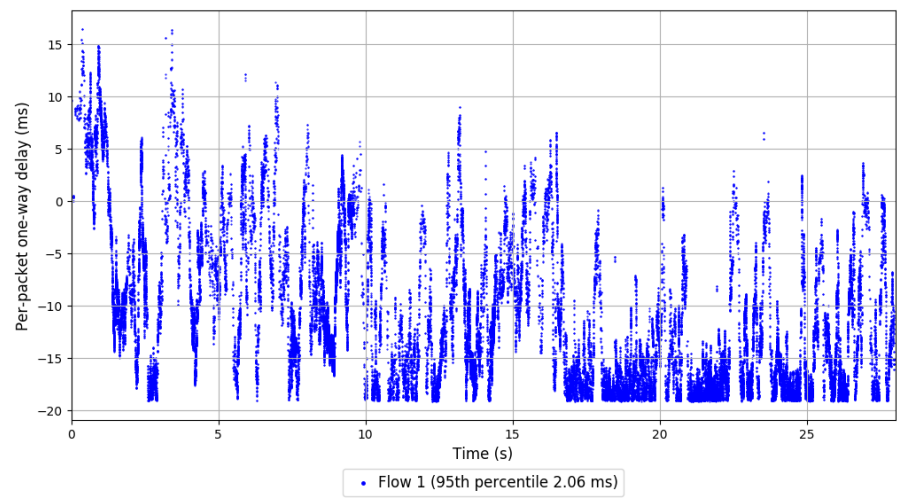
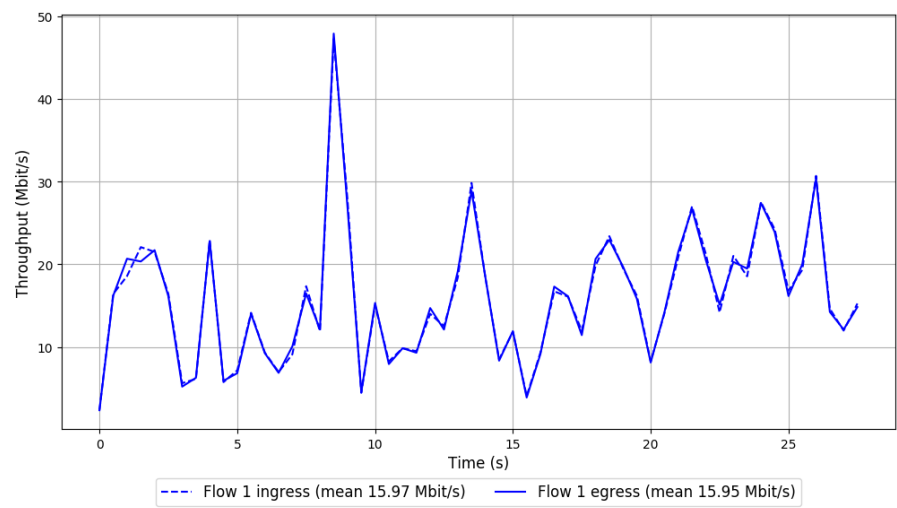


Run 4: Statistics of Copa

Start at: 2017-08-29 12:32:28  
End at: 2017-08-29 12:32:58  
Local clock offset: 5.12 ms  
Remote clock offset: -34.938 ms

# Below is generated by plot.py at 2017-08-29 15:54:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.95 Mbit/s  
95th percentile per-packet one-way delay: 2.065 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 15.95 Mbit/s  
95th percentile per-packet one-way delay: 2.065 ms  
Loss rate: 0.19%

Run 4: Report of Copa — Data Link



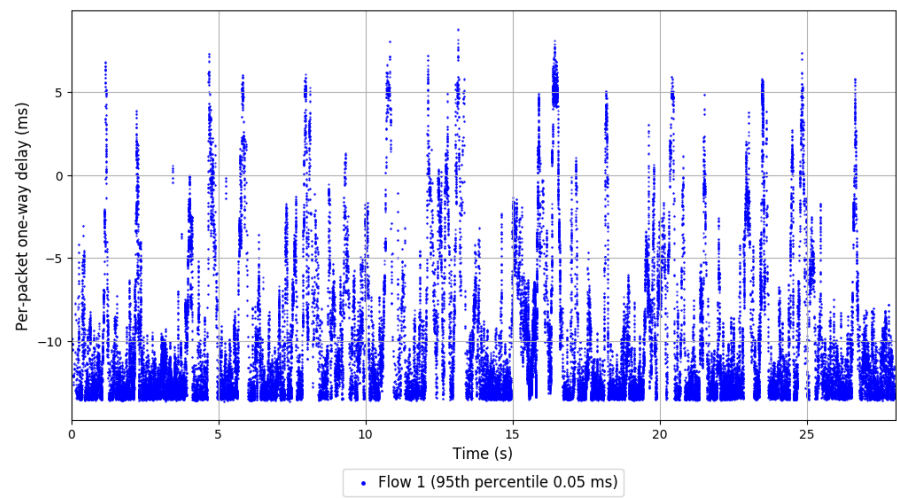
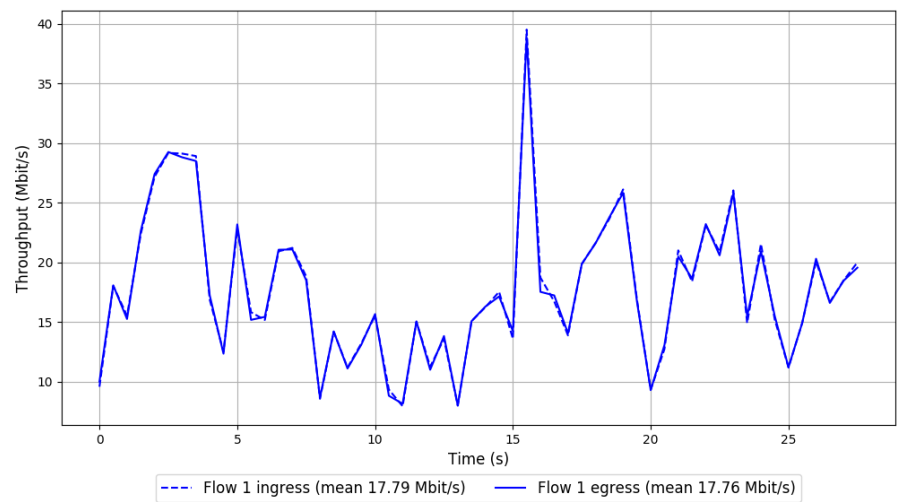
Run 5: Statistics of Copa

Start at: 2017-08-29 12:50:51  
End at: 2017-08-29 12:51:21  
Local clock offset: 3.187 ms  
Remote clock offset: -34.589 ms

# Below is generated by plot.py at 2017-08-29 15:54:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 17.76 Mbit/s  
95th percentile per-packet one-way delay: 0.046 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 17.76 Mbit/s  
95th percentile per-packet one-way delay: 0.046 ms  
Loss rate: 0.20%



Run 5: Report of Copa — Data Link

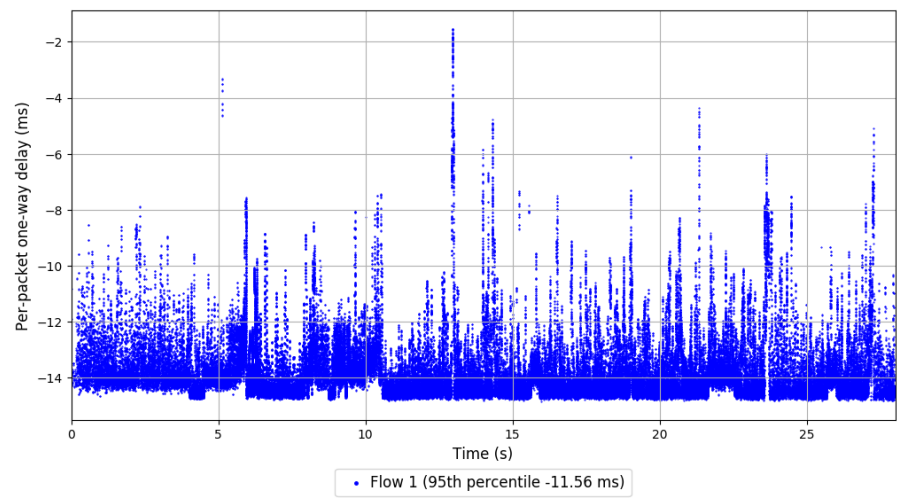
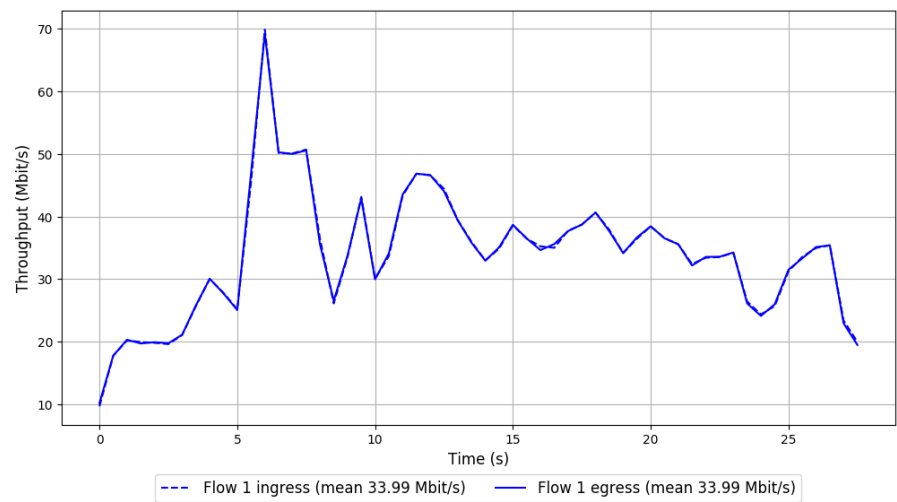


Run 6: Statistics of Copa

Start at: 2017-08-29 13:11:13  
End at: 2017-08-29 13:11:43  
Local clock offset: 6.192 ms  
Remote clock offset: -32.662 ms

# Below is generated by plot.py at 2017-08-29 15:54:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 33.99 Mbit/s  
95th percentile per-packet one-way delay: -11.561 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 33.99 Mbit/s  
95th percentile per-packet one-way delay: -11.561 ms  
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

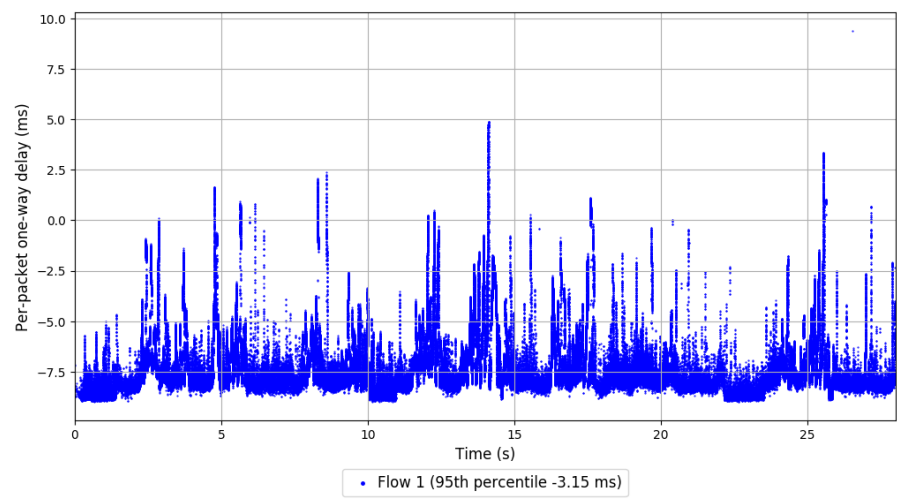
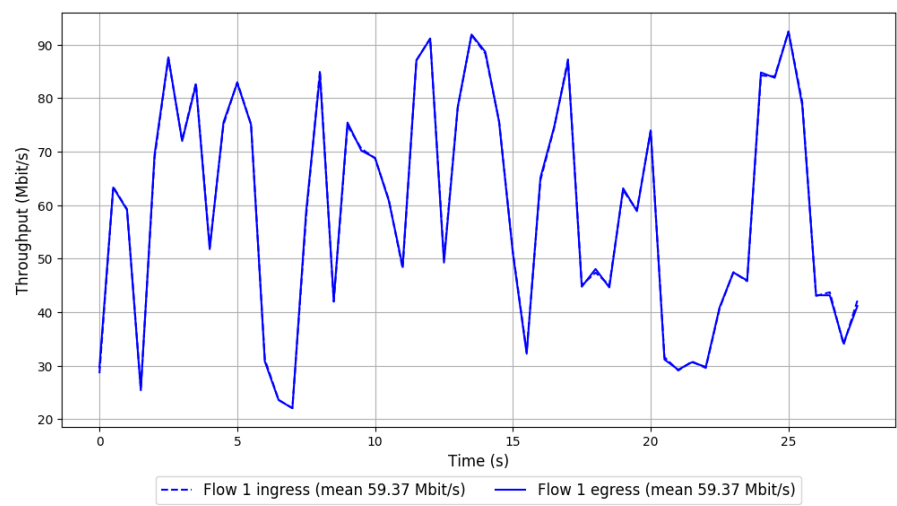


Run 7: Statistics of Copa

Start at: 2017-08-29 13:32:38  
End at: 2017-08-29 13:33:08  
Local clock offset: 1.854 ms  
Remote clock offset: -31.262 ms

# Below is generated by plot.py at 2017-08-29 15:54:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 59.37 Mbit/s  
95th percentile per-packet one-way delay: -3.148 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 59.37 Mbit/s  
95th percentile per-packet one-way delay: -3.148 ms  
Loss rate: 0.02%

Run 7: Report of Copa — Data Link

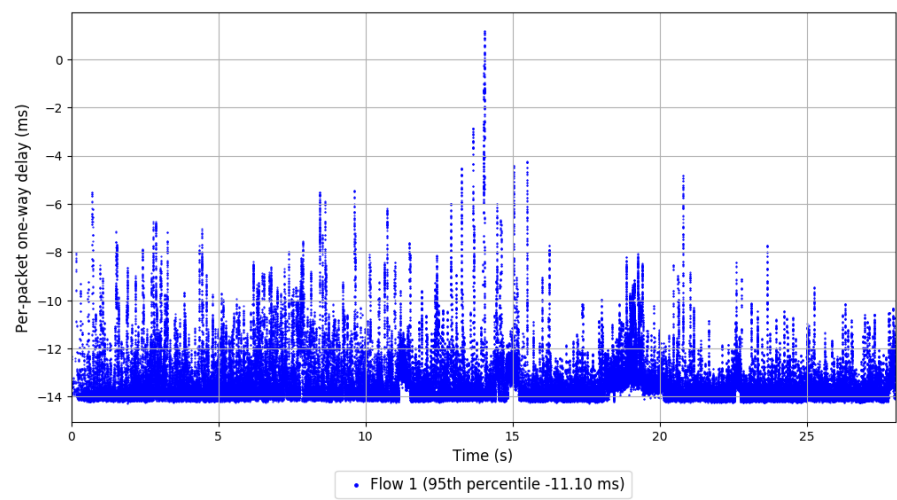
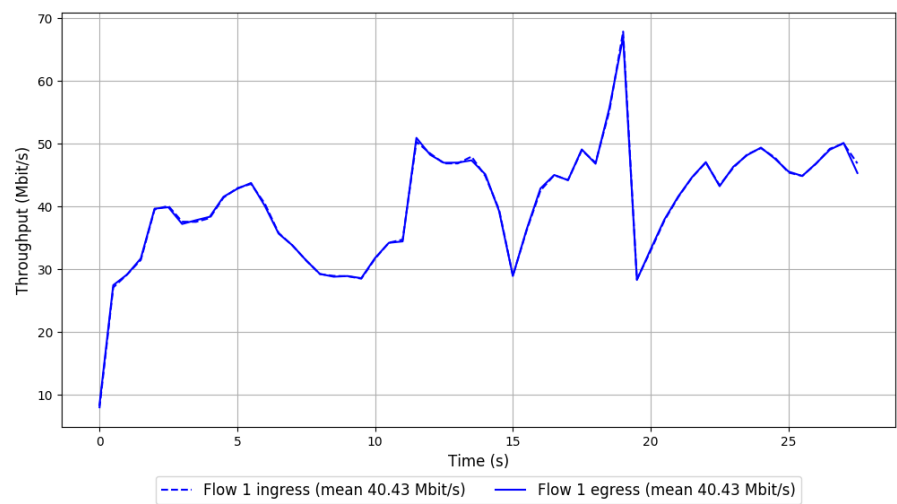


Run 8: Statistics of Copa

Start at: 2017-08-29 13:52:25  
End at: 2017-08-29 13:52:55  
Local clock offset: 3.894 ms  
Remote clock offset: -34.427 ms

# Below is generated by plot.py at 2017-08-29 15:54:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 40.43 Mbit/s  
95th percentile per-packet one-way delay: -11.100 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 40.43 Mbit/s  
95th percentile per-packet one-way delay: -11.100 ms  
Loss rate: 0.01%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-08-29 14:11:57

End at: 2017-08-29 14:12:27

Local clock offset: 0.329 ms

Remote clock offset: -32.9 ms

# Below is generated by plot.py at 2017-08-29 15:55:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.00 Mbit/s

95th percentile per-packet one-way delay: -9.007 ms

Loss rate: 0.00%

-- Flow 1:

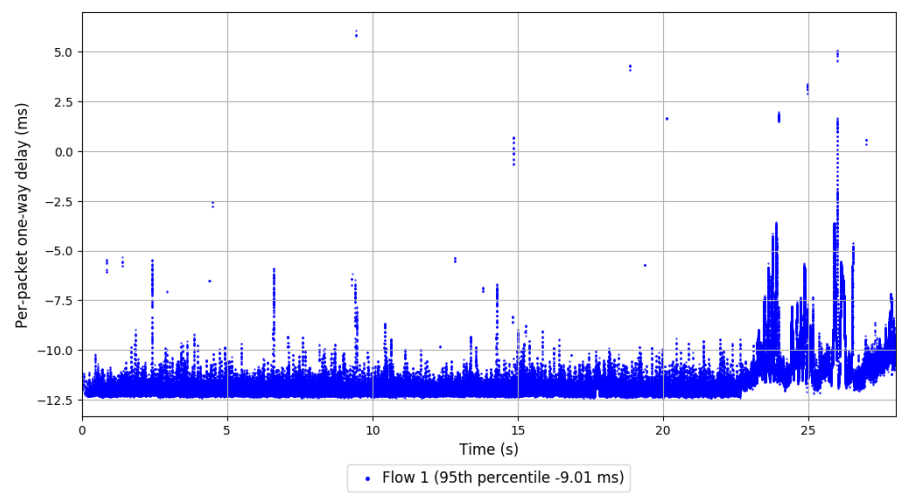
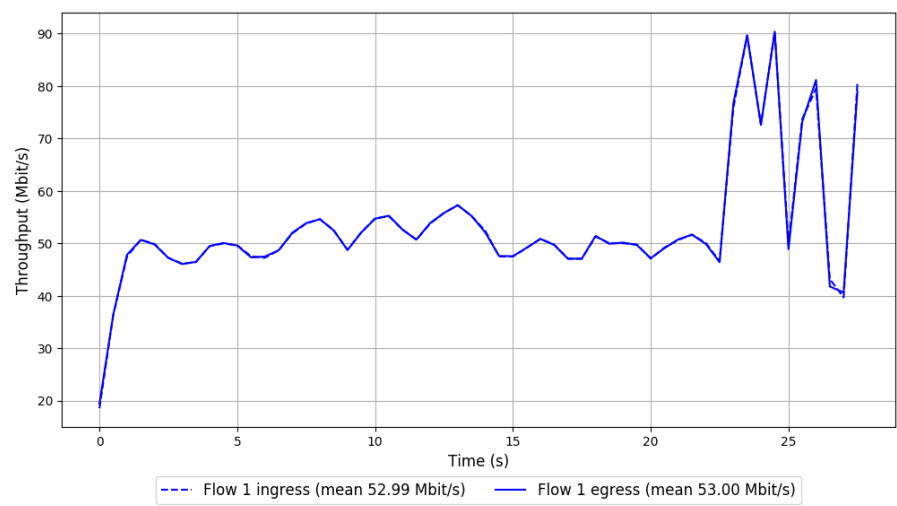
Average throughput: 53.00 Mbit/s

95th percentile per-packet one-way delay: -9.007 ms

Loss rate: 0.00%



Run 9: Report of Copa — Data Link

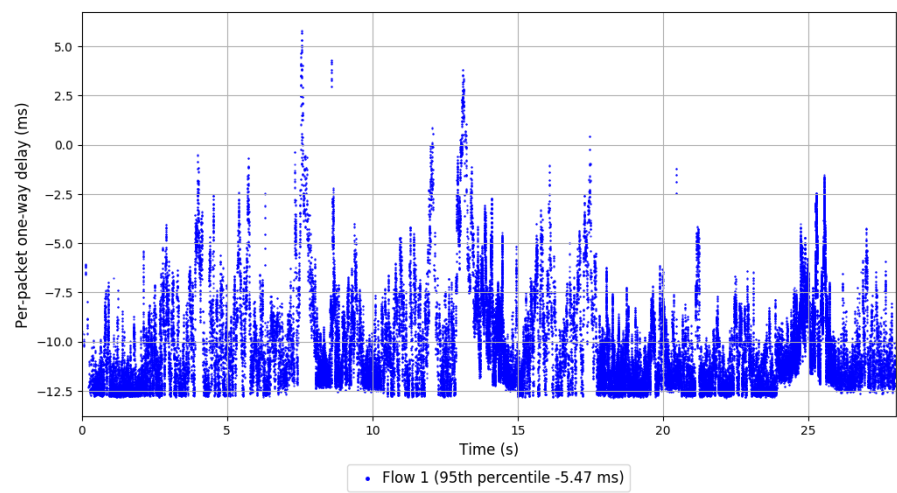
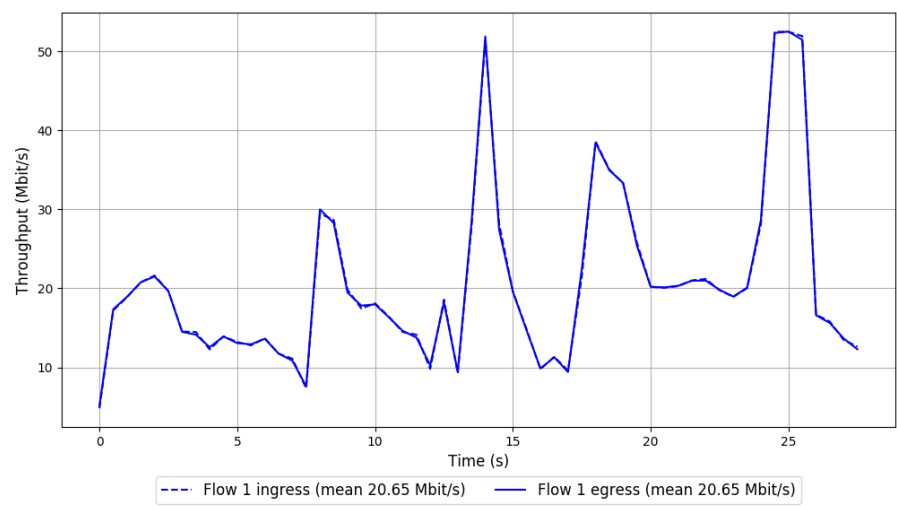


Run 10: Statistics of Copa

Start at: 2017-08-29 14:46:30  
End at: 2017-08-29 14:47:00  
Local clock offset: 2.535 ms  
Remote clock offset: -30.816 ms

# Below is generated by plot.py at 2017-08-29 15:55:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 20.65 Mbit/s  
95th percentile per-packet one-way delay: -5.471 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 20.65 Mbit/s  
95th percentile per-packet one-way delay: -5.471 ms  
Loss rate: 0.01%

Run 10: Report of Copa — Data Link

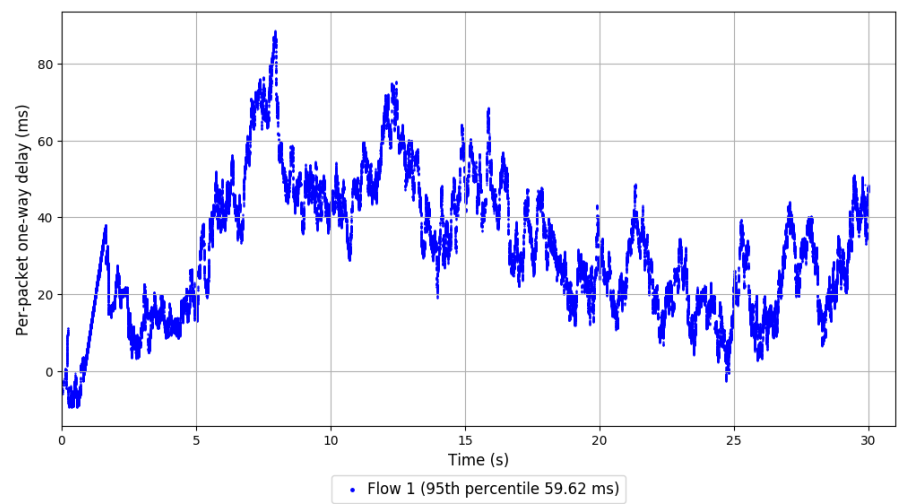
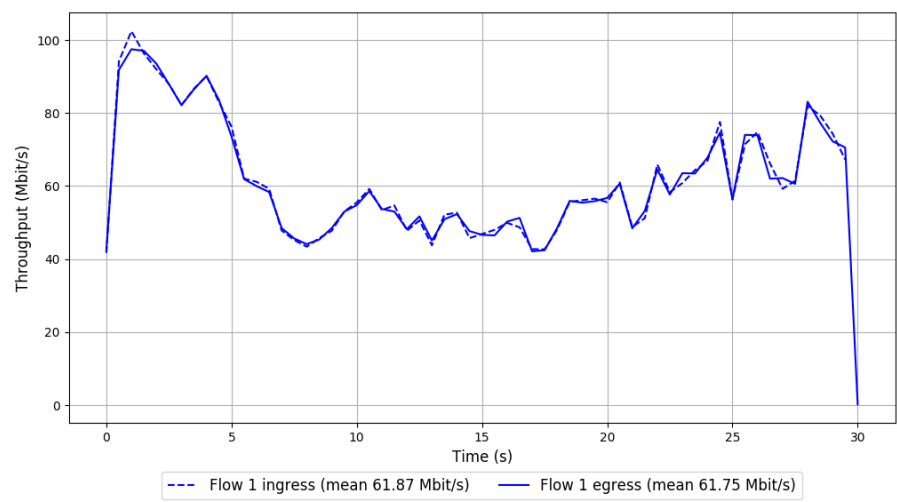


Run 1: Statistics of TCP Cubic

Start at: 2017-08-29 11:01:55  
End at: 2017-08-29 11:02:25  
Local clock offset: -1.153 ms  
Remote clock offset: -33.263 ms

# Below is generated by plot.py at 2017-08-29 15:55:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 61.75 Mbit/s  
95th percentile per-packet one-way delay: 59.621 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 61.75 Mbit/s  
95th percentile per-packet one-way delay: 59.621 ms  
Loss rate: 0.17%

Run 1: Report of TCP Cubic — Data Link

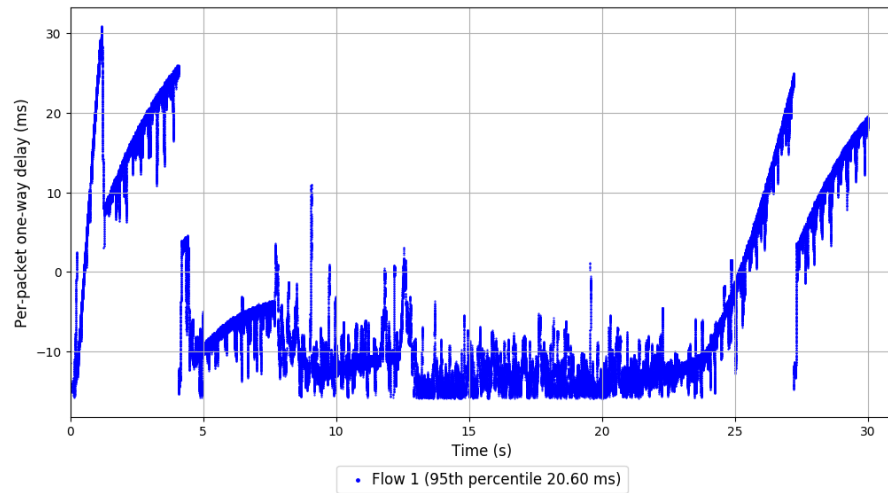
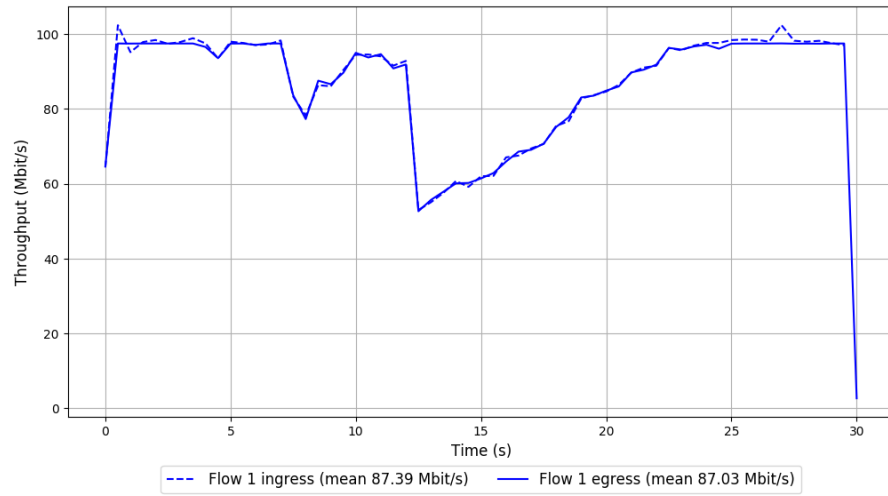


Run 2: Statistics of TCP Cubic

Start at: 2017-08-29 11:29:21  
End at: 2017-08-29 11:29:51  
Local clock offset: 2.757 ms  
Remote clock offset: -35.451 ms

# Below is generated by plot.py at 2017-08-29 15:55:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.03 Mbit/s  
95th percentile per-packet one-way delay: 20.601 ms  
Loss rate: 0.31%  
-- Flow 1:  
Average throughput: 87.03 Mbit/s  
95th percentile per-packet one-way delay: 20.601 ms  
Loss rate: 0.31%

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



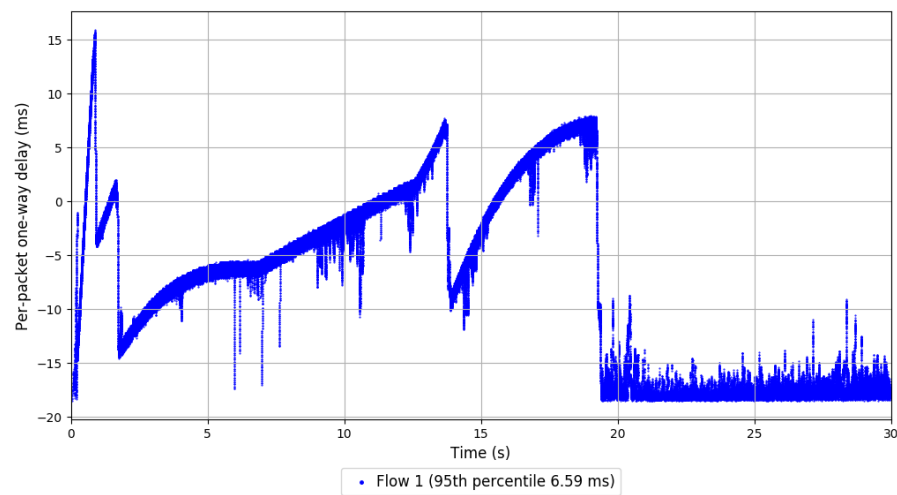
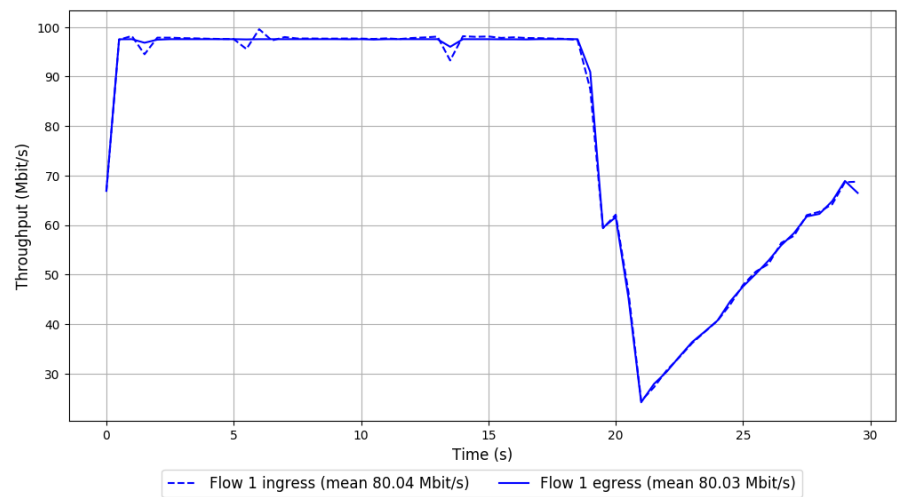
Run 3: Statistics of TCP Cubic

Start at: 2017-08-29 12:13:03  
End at: 2017-08-29 12:13:33  
Local clock offset: 4.721 ms  
Remote clock offset: -35.501 ms

# Below is generated by plot.py at 2017-08-29 15:55:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 80.03 Mbit/s  
95th percentile per-packet one-way delay: 6.591 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 80.03 Mbit/s  
95th percentile per-packet one-way delay: 6.591 ms  
Loss rate: 0.02%



Run 3: Report of TCP Cubic — Data Link

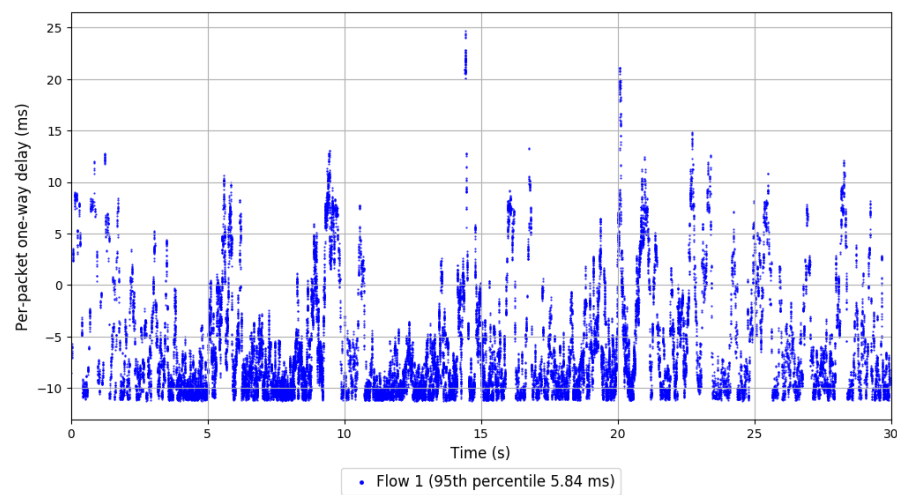
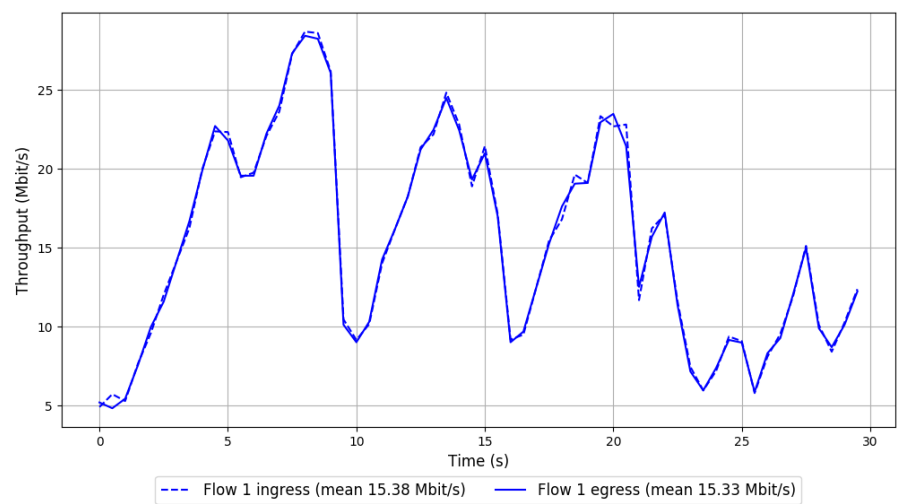


Run 4: Statistics of TCP Cubic

Start at: 2017-08-29 12:31:20  
End at: 2017-08-29 12:31:50  
Local clock offset: 1.172 ms  
Remote clock offset: -34.202 ms

# Below is generated by plot.py at 2017-08-29 15:55:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.33 Mbit/s  
95th percentile per-packet one-way delay: 5.842 ms  
Loss rate: 0.30%  
-- Flow 1:  
Average throughput: 15.33 Mbit/s  
95th percentile per-packet one-way delay: 5.842 ms  
Loss rate: 0.30%

Run 4: Report of TCP Cubic — Data Link

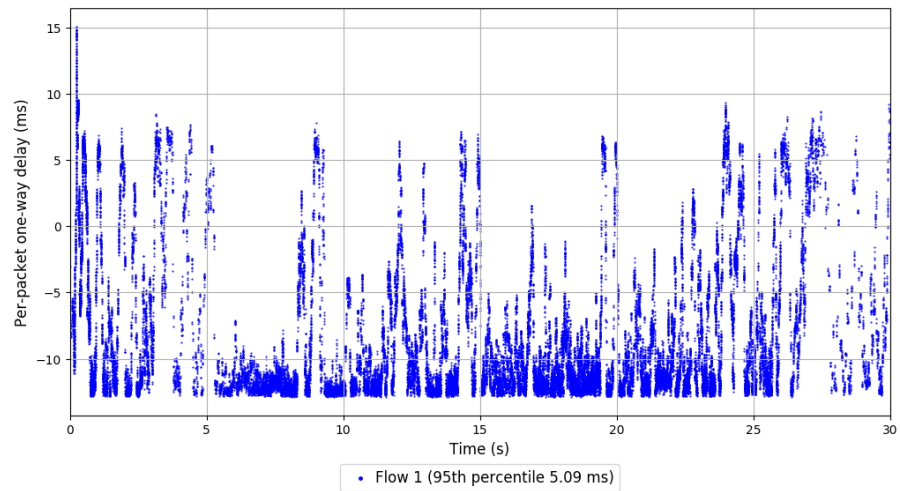
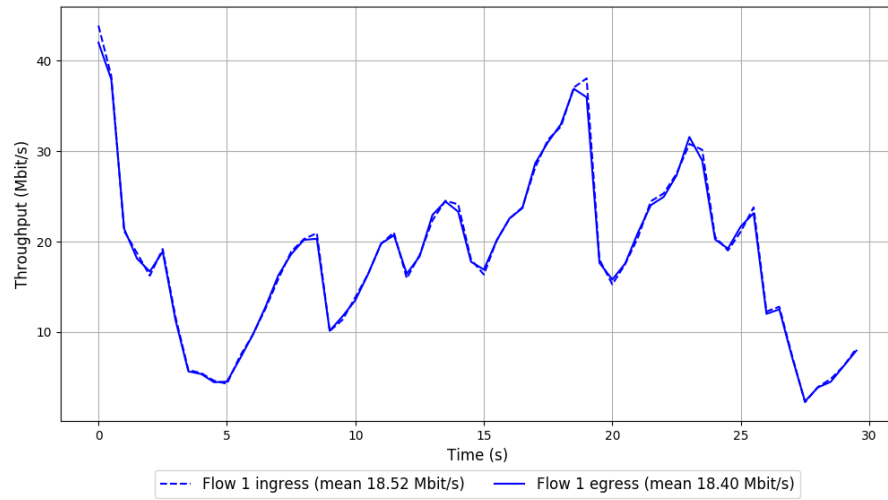


Run 5: Statistics of TCP Cubic

Start at: 2017-08-29 12:49:42  
End at: 2017-08-29 12:50:12  
Local clock offset: -0.101 ms  
Remote clock offset: -33.99 ms

# Below is generated by plot.py at 2017-08-29 15:55:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 18.40 Mbit/s  
95th percentile per-packet one-way delay: 5.086 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 18.40 Mbit/s  
95th percentile per-packet one-way delay: 5.086 ms  
Loss rate: 0.67%

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

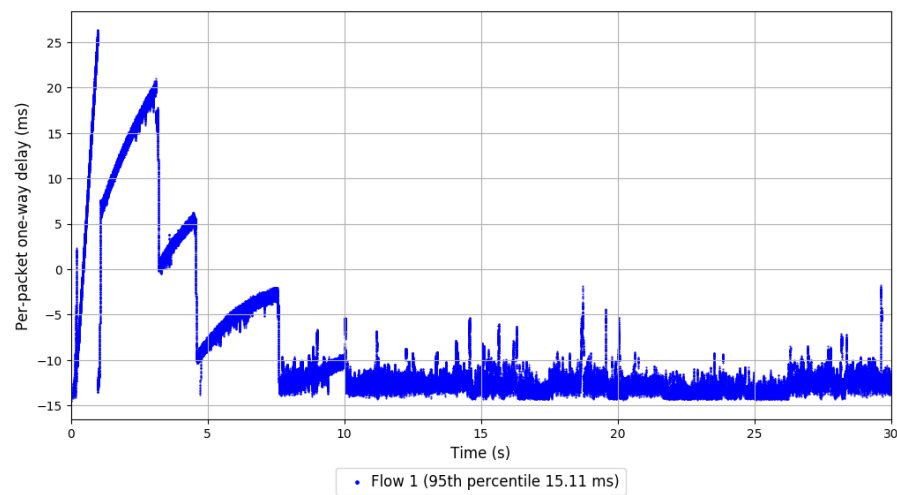
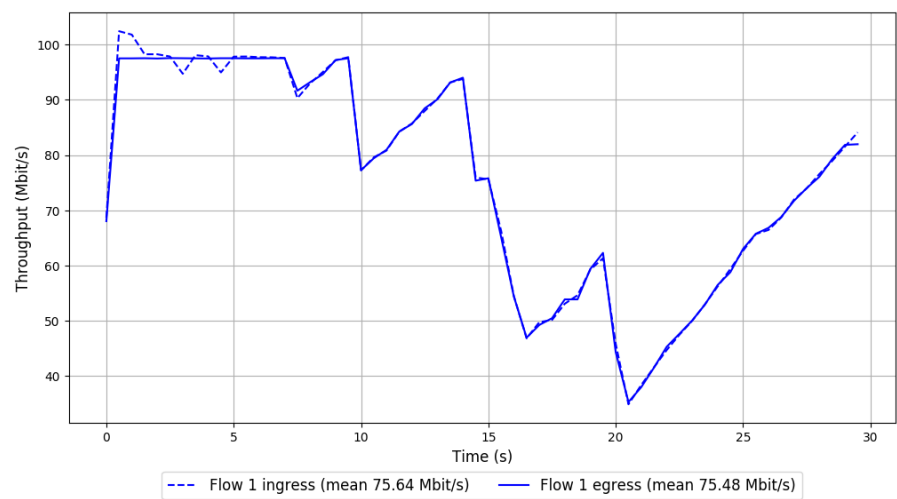


Run 6: Statistics of TCP Cubic

Start at: 2017-08-29 13:09:43  
End at: 2017-08-29 13:10:13  
Local clock offset: 2.154 ms  
Remote clock offset: -33.082 ms

# Below is generated by plot.py at 2017-08-29 15:55:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.48 Mbit/s  
95th percentile per-packet one-way delay: 15.112 ms  
Loss rate: 0.21%  
-- Flow 1:  
Average throughput: 75.48 Mbit/s  
95th percentile per-packet one-way delay: 15.112 ms  
Loss rate: 0.21%

Run 6: Report of TCP Cubic — Data Link



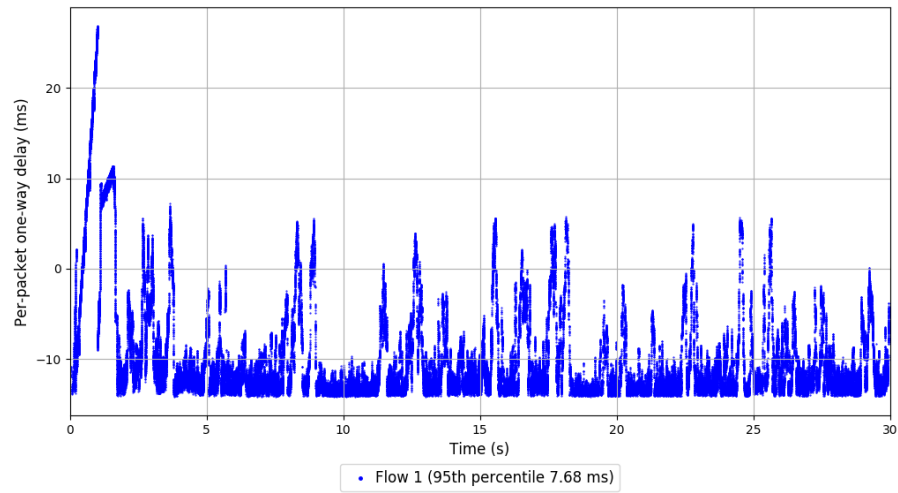
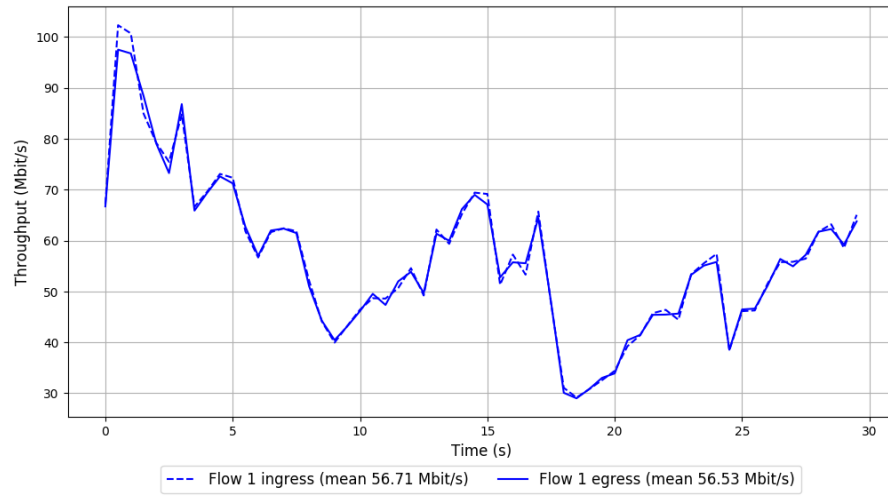
Run 7: Statistics of TCP Cubic

Start at: 2017-08-29 13:31:15  
End at: 2017-08-29 13:31:45  
Local clock offset: 2.467 ms  
Remote clock offset: -32.668 ms

# Below is generated by plot.py at 2017-08-29 15:55:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 56.53 Mbit/s  
95th percentile per-packet one-way delay: 7.676 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 56.53 Mbit/s  
95th percentile per-packet one-way delay: 7.676 ms  
Loss rate: 0.33%



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

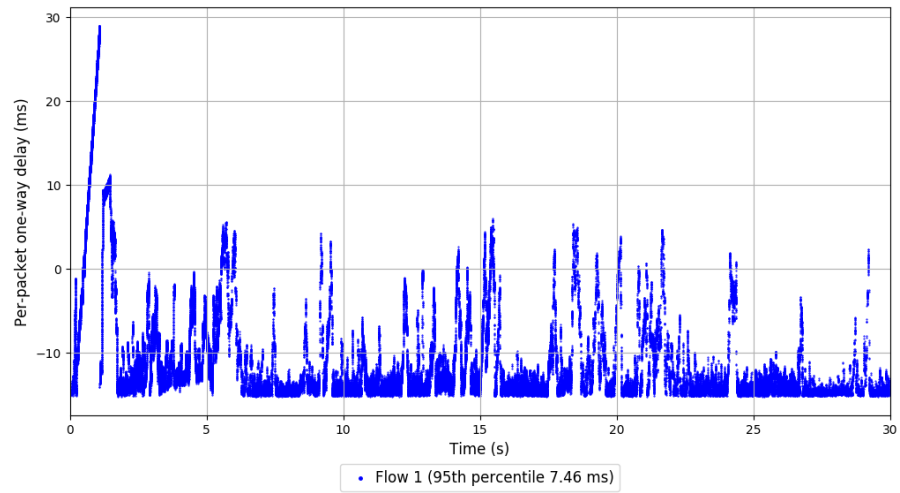
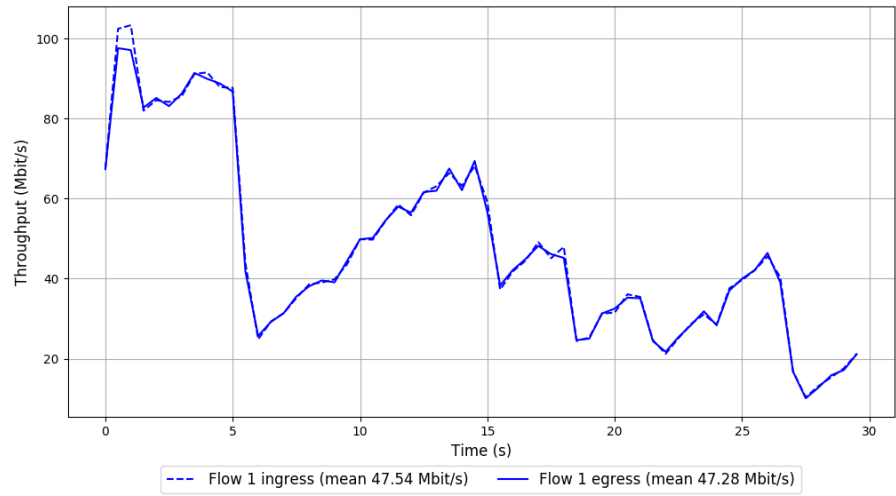


Run 8: Statistics of TCP Cubic

Start at: 2017-08-29 13:51:11  
End at: 2017-08-29 13:51:41  
Local clock offset: 3.546 ms  
Remote clock offset: -32.529 ms

# Below is generated by plot.py at 2017-08-29 15:55:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 47.28 Mbit/s  
95th percentile per-packet one-way delay: 7.461 ms  
Loss rate: 0.55%  
-- Flow 1:  
Average throughput: 47.28 Mbit/s  
95th percentile per-packet one-way delay: 7.461 ms  
Loss rate: 0.55%

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

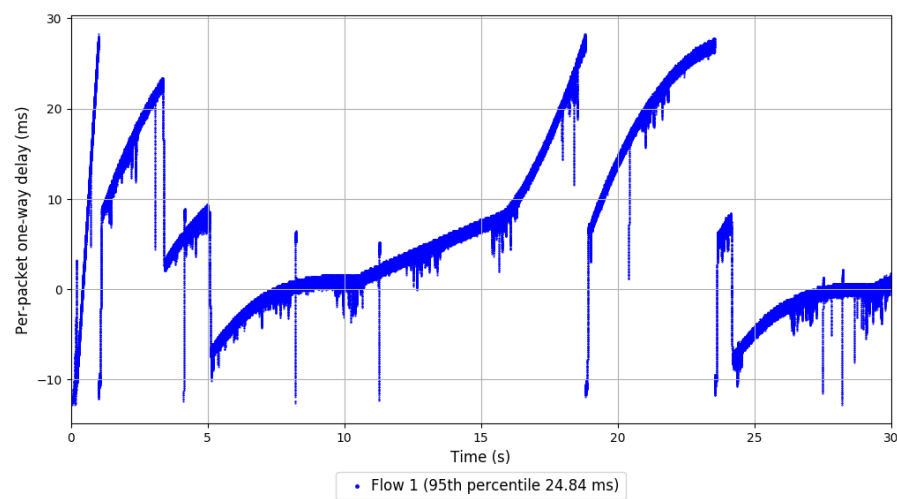
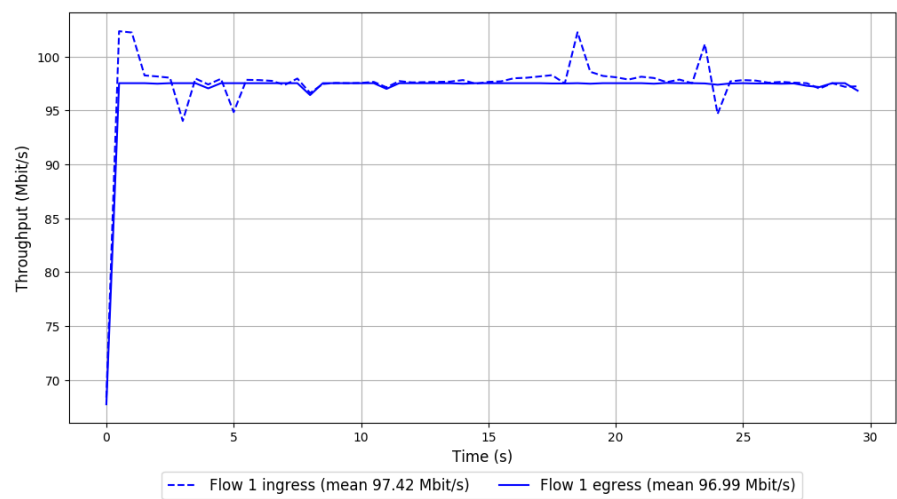


Run 9: Statistics of TCP Cubic

Start at: 2017-08-29 14:10:32  
End at: 2017-08-29 14:11:02  
Local clock offset: 2.339 ms  
Remote clock offset: -31.516 ms

# Below is generated by plot.py at 2017-08-29 15:55:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.99 Mbit/s  
95th percentile per-packet one-way delay: 24.840 ms  
Loss rate: 0.40%  
-- Flow 1:  
Average throughput: 96.99 Mbit/s  
95th percentile per-packet one-way delay: 24.840 ms  
Loss rate: 0.40%

Run 9: Report of TCP Cubic — Data Link

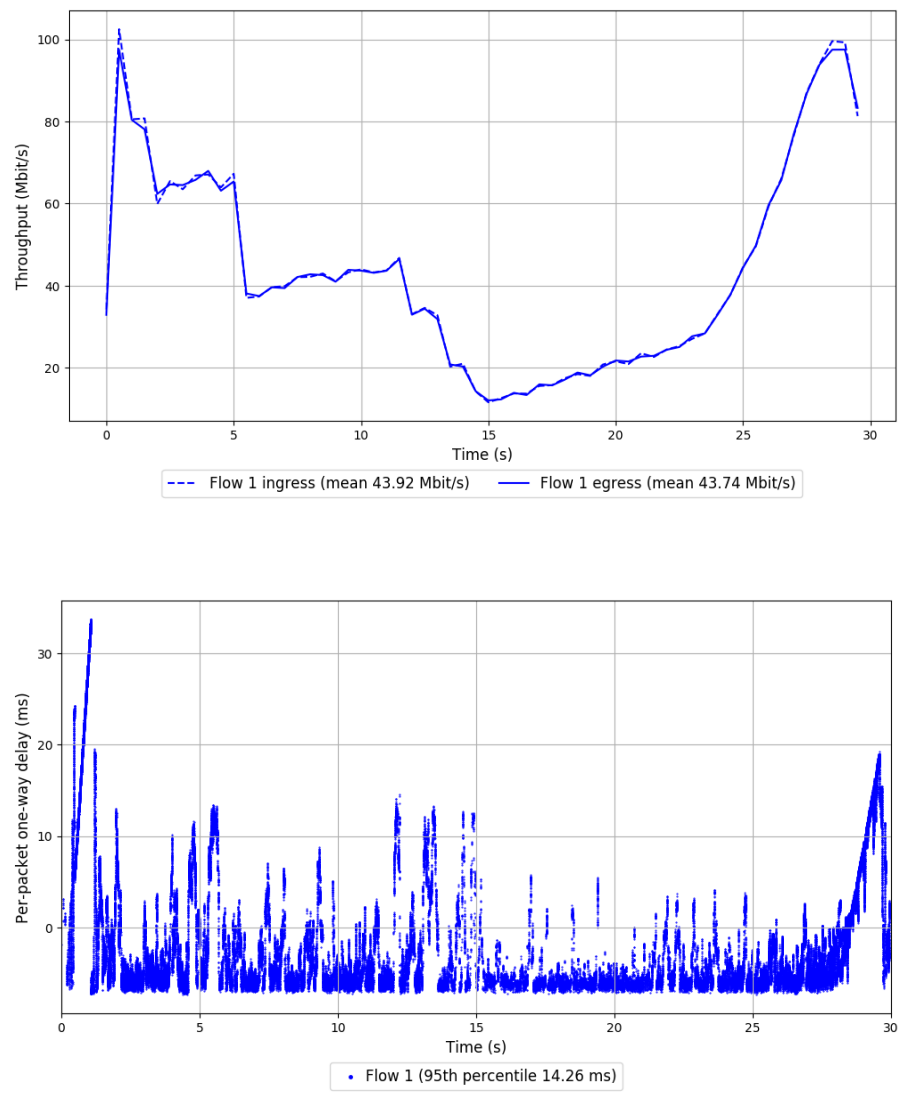


Run 10: Statistics of TCP Cubic

Start at: 2017-08-29 14:43:08  
End at: 2017-08-29 14:43:38  
Local clock offset: -0.335 ms  
Remote clock offset: -31.473 ms

# Below is generated by plot.py at 2017-08-29 15:55:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 43.74 Mbit/s  
95th percentile per-packet one-way delay: 14.257 ms  
Loss rate: 0.44%  
-- Flow 1:  
Average throughput: 43.74 Mbit/s  
95th percentile per-packet one-way delay: 14.257 ms  
Loss rate: 0.44%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of Indigo

Start at: 2017-08-29 11:10:17

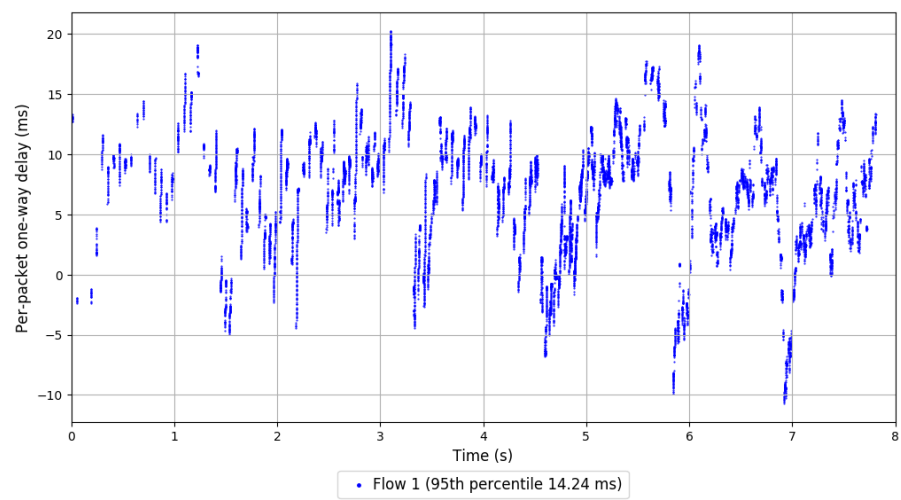
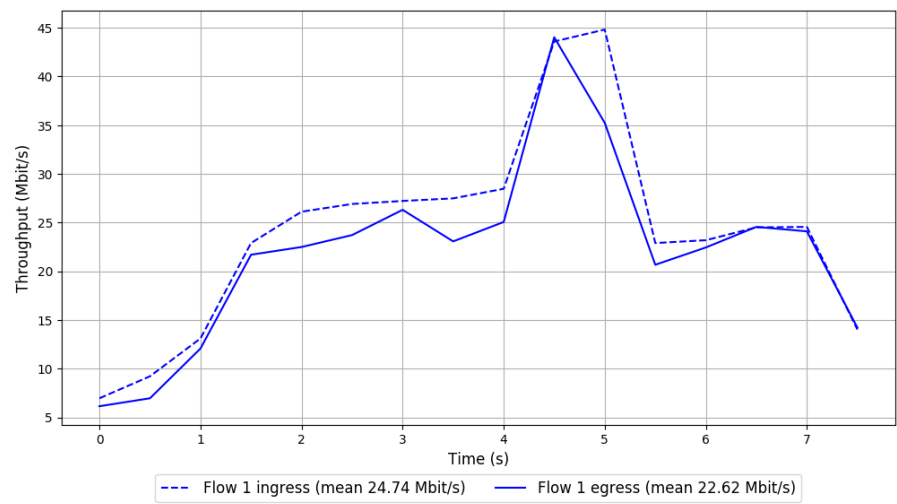
End at: 2017-08-29 11:10:47

Local clock offset: 3.407 ms

Remote clock offset: -31.685 ms



Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

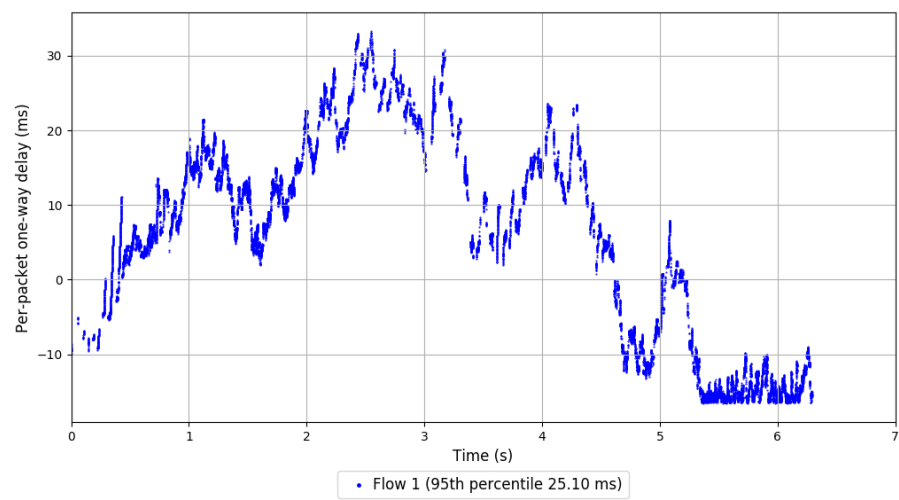
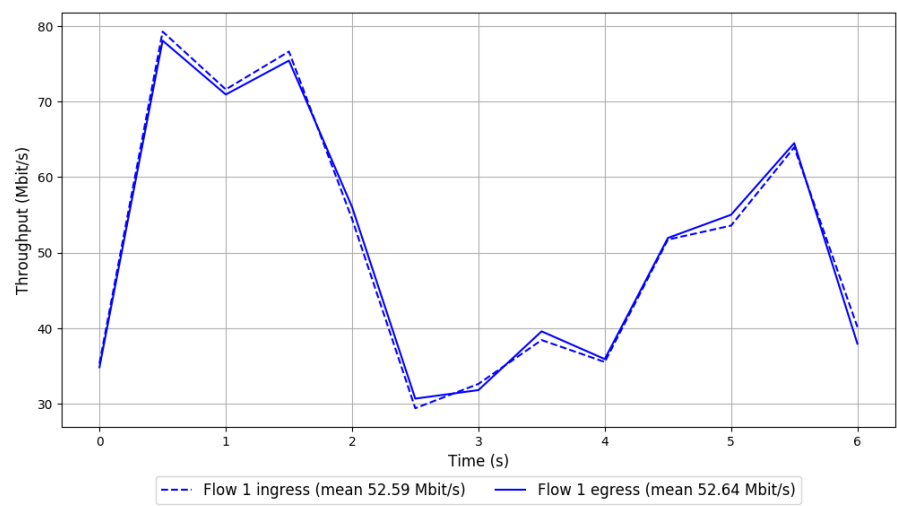
Start at: 2017-08-29 11:44:15

End at: 2017-08-29 11:44:45

Local clock offset: 1.87 ms

Remote clock offset: -35.183 ms

Run 2: Report of Indigo — Data Link

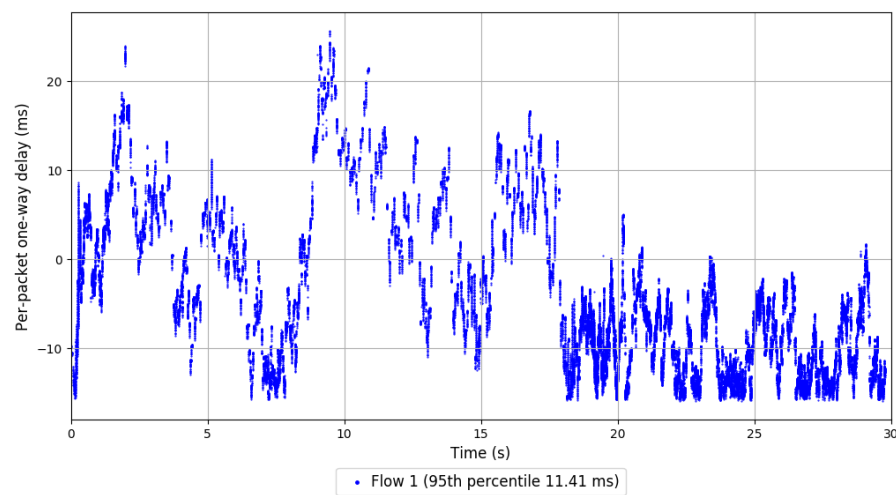
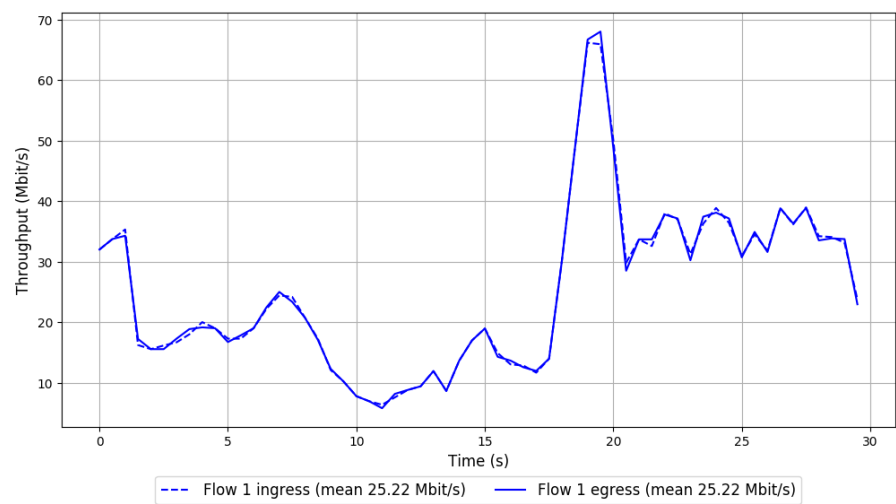


Run 3: Statistics of Indigo

Start at: 2017-08-29 12:20:30  
End at: 2017-08-29 12:21:01  
Local clock offset: 1.703 ms  
Remote clock offset: -34.993 ms

# Below is generated by plot.py at 2017-08-29 15:55:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 25.22 Mbit/s  
95th percentile per-packet one-way delay: 11.412 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 25.22 Mbit/s  
95th percentile per-packet one-way delay: 11.412 ms  
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-08-29 12:38:51

End at: 2017-08-29 12:39:21

Local clock offset: 3.651 ms

Remote clock offset: -34.579 ms

# Below is generated by plot.py at 2017-08-29 15:55:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.89 Mbit/s

95th percentile per-packet one-way delay: -8.152 ms

Loss rate: 0.01%

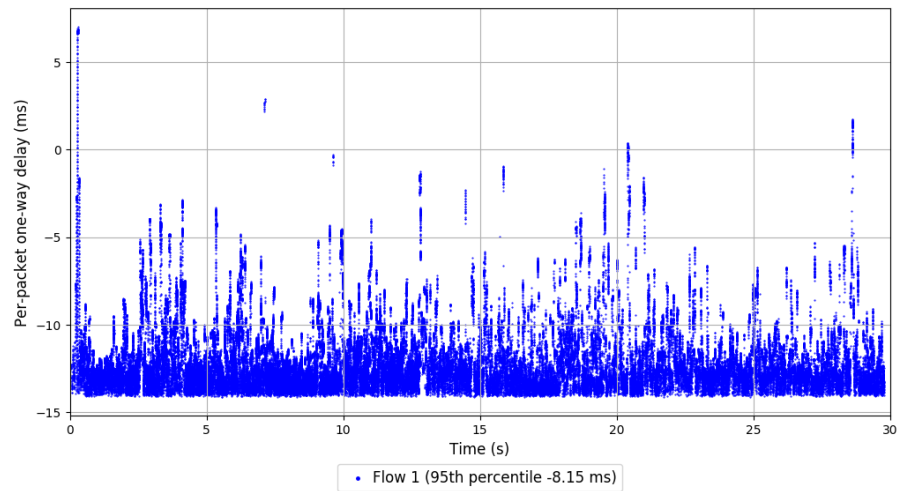
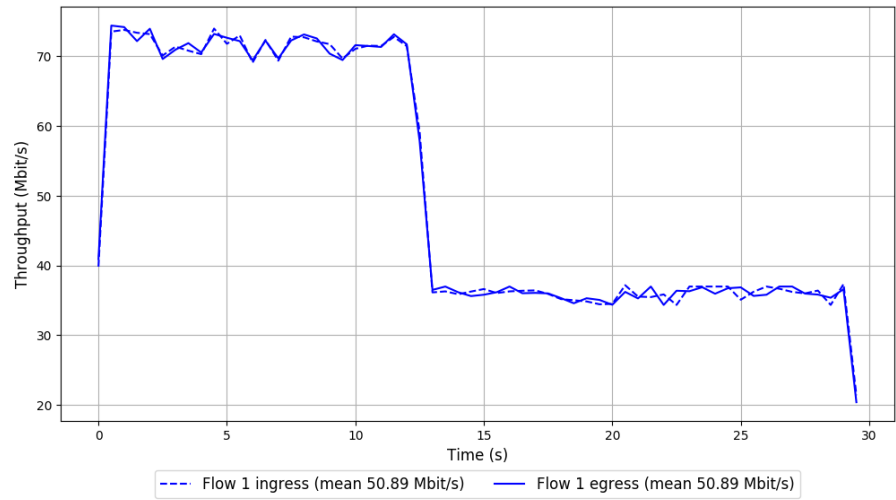
-- Flow 1:

Average throughput: 50.89 Mbit/s

95th percentile per-packet one-way delay: -8.152 ms

Loss rate: 0.01%

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



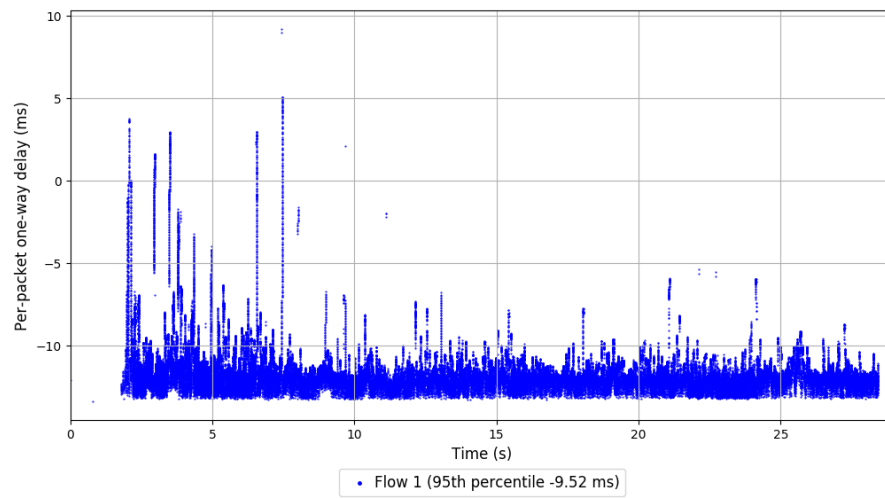
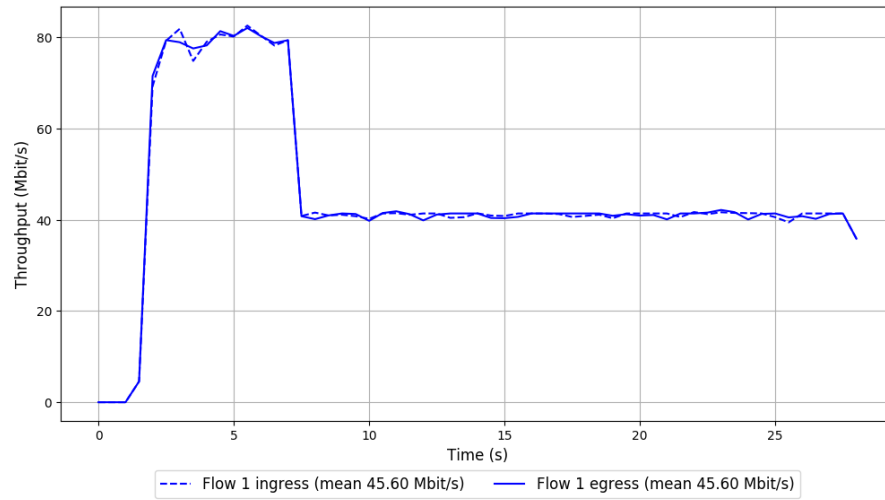
Run 5: Statistics of Indigo

Start at: 2017-08-29 12:57:36  
End at: 2017-08-29 12:58:06  
Local clock offset: 1.83 ms  
Remote clock offset: -33.269 ms

# Below is generated by plot.py at 2017-08-29 15:55:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 45.60 Mbit/s  
95th percentile per-packet one-way delay: -9.522 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 45.60 Mbit/s  
95th percentile per-packet one-way delay: -9.522 ms  
Loss rate: 0.00%



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

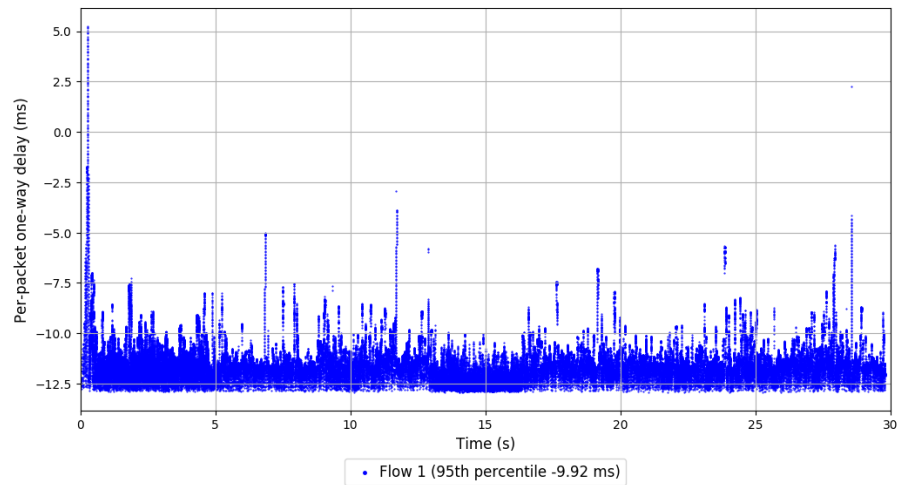
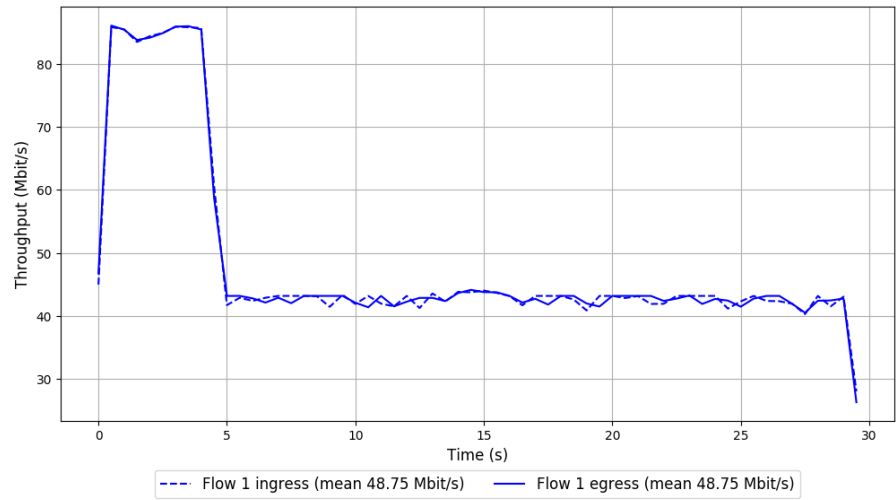


Run 6: Statistics of Indigo

Start at: 2017-08-29 13:19:03  
End at: 2017-08-29 13:19:33  
Local clock offset: 2.489 ms  
Remote clock offset: -32.244 ms

# Below is generated by plot.py at 2017-08-29 15:56:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 48.75 Mbit/s  
95th percentile per-packet one-way delay: -9.922 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 48.75 Mbit/s  
95th percentile per-packet one-way delay: -9.922 ms  
Loss rate: 0.00%

## Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

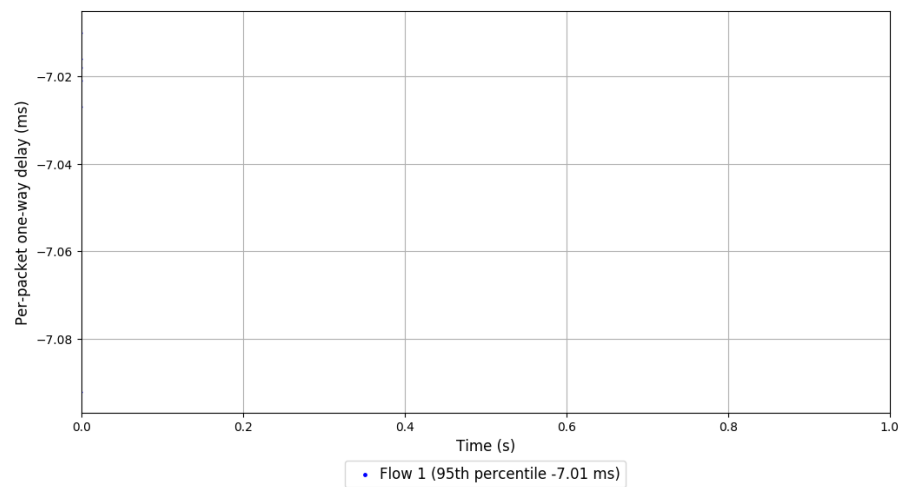
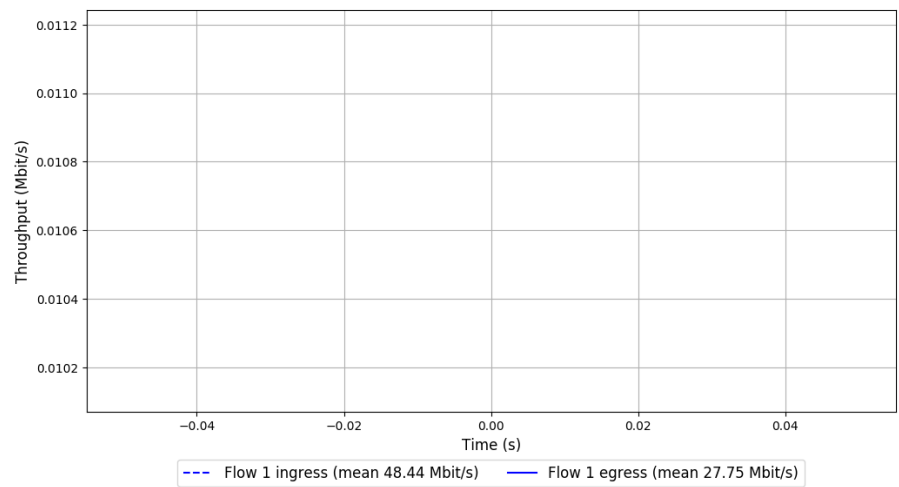
Start at: 2017-08-29 13:39:35

End at: 2017-08-29 13:40:05

Local clock offset: 0.228 ms

Remote clock offset: -32.004 ms

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

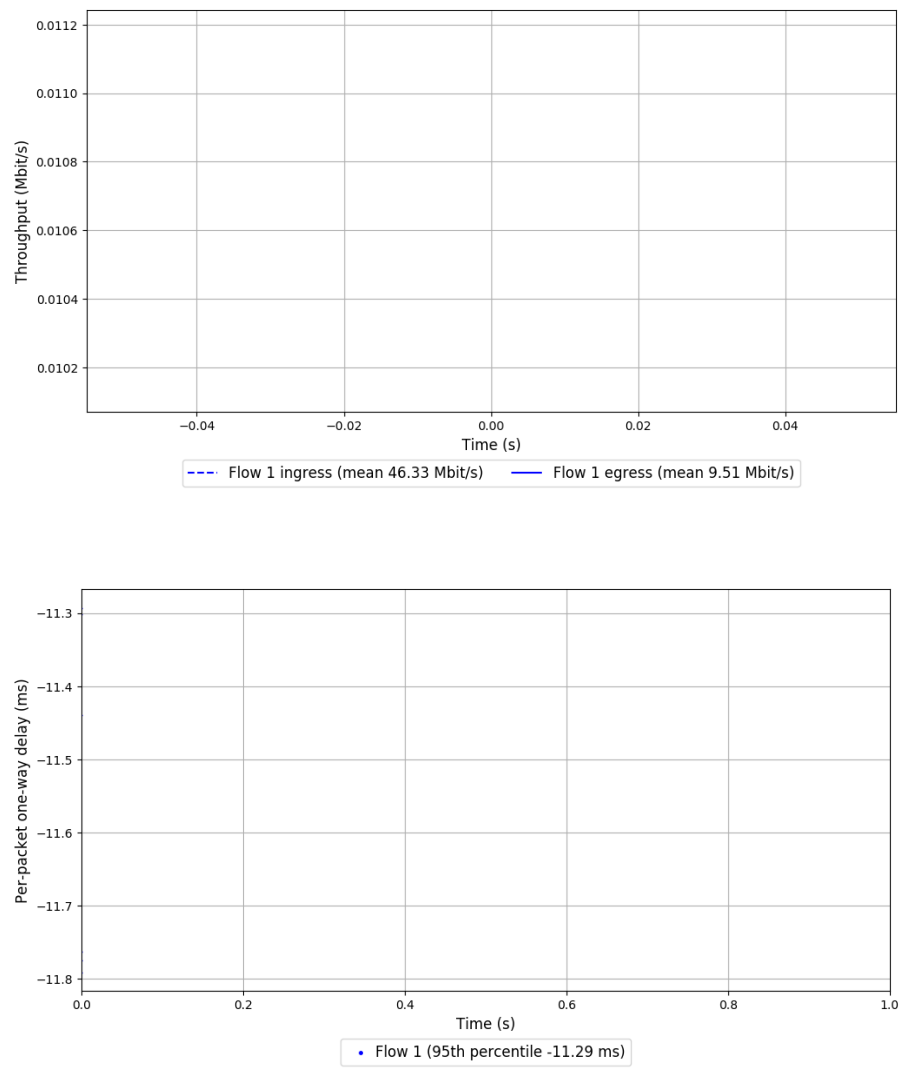
Start at: 2017-08-29 13:59:09

End at: 2017-08-29 13:59:39

Local clock offset: 2.265 ms

Remote clock offset: -32.035 ms

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-08-29 14:19:22

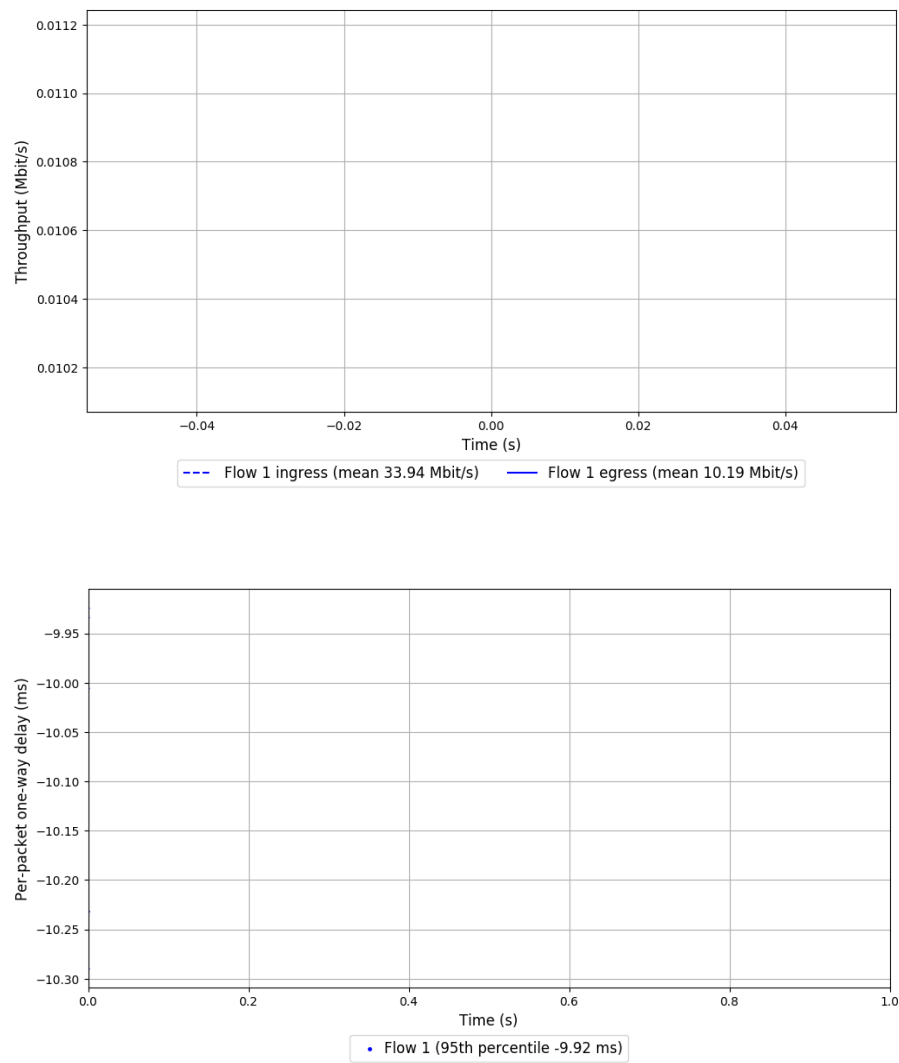
End at: 2017-08-29 14:19:52

Local clock offset: 3.351 ms

Remote clock offset: -32.232 ms



Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-08-29 15:00:39

End at: 2017-08-29 15:01:09

Local clock offset: 5.652 ms

Remote clock offset: -32.388 ms

# Below is generated by plot.py at 2017-08-29 15:56:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.09 Mbit/s

95th percentile per-packet one-way delay: -14.001 ms

Loss rate: 0.00%

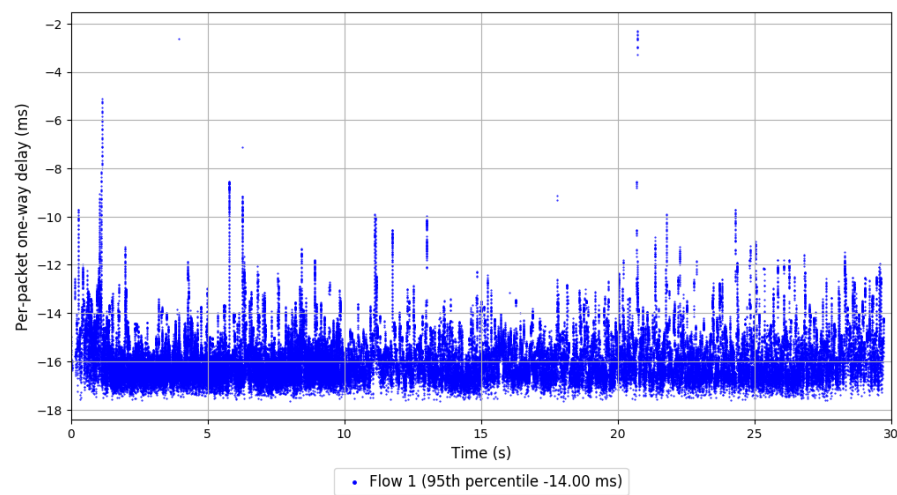
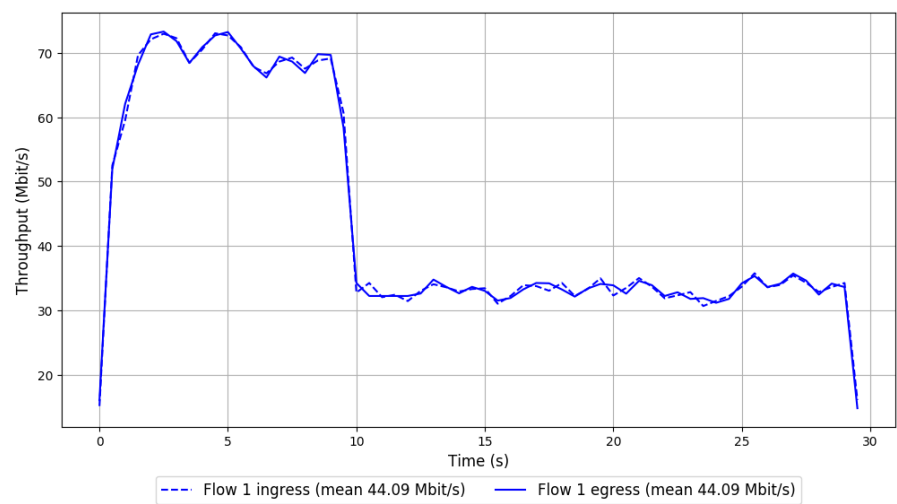
-- Flow 1:

Average throughput: 44.09 Mbit/s

95th percentile per-packet one-way delay: -14.001 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

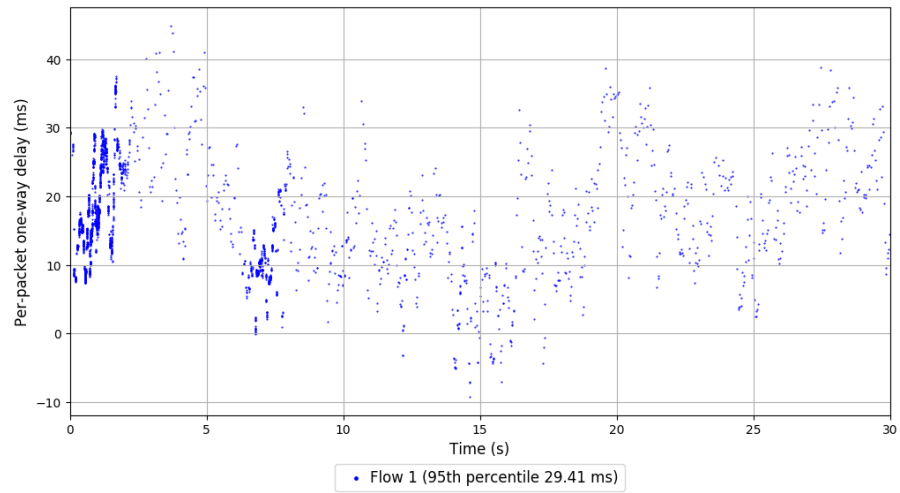
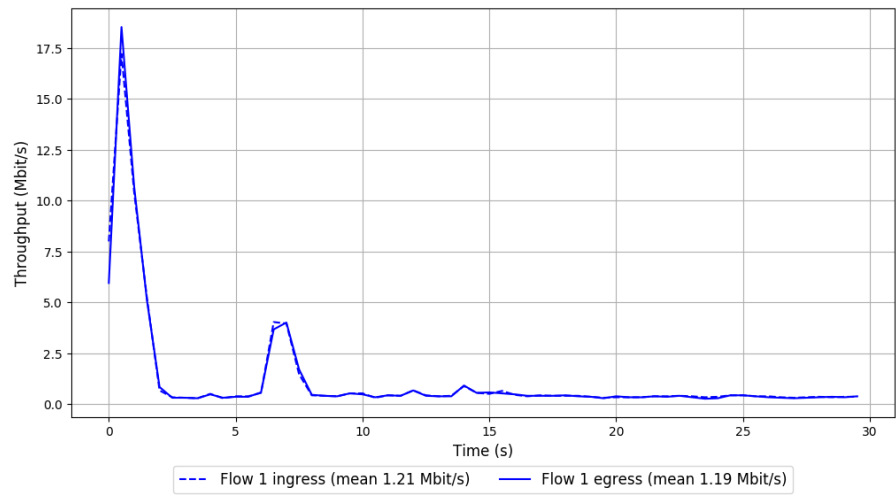


```
Run 1: Statistics of KohoCC

Start at: 2017-08-29 11:19:09
End at: 2017-08-29 11:19:39
Local clock offset: 0.755 ms
Remote clock offset: -32.367 ms

# Below is generated by plot.py at 2017-08-29 15:56:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 29.409 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 29.409 ms
Loss rate: 1.19%
```

## Run 1: Report of KohoCC — Data Link

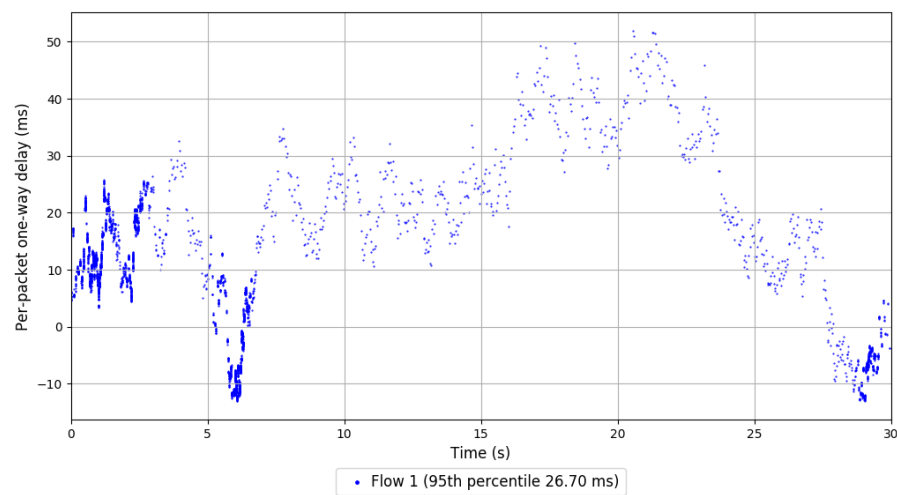
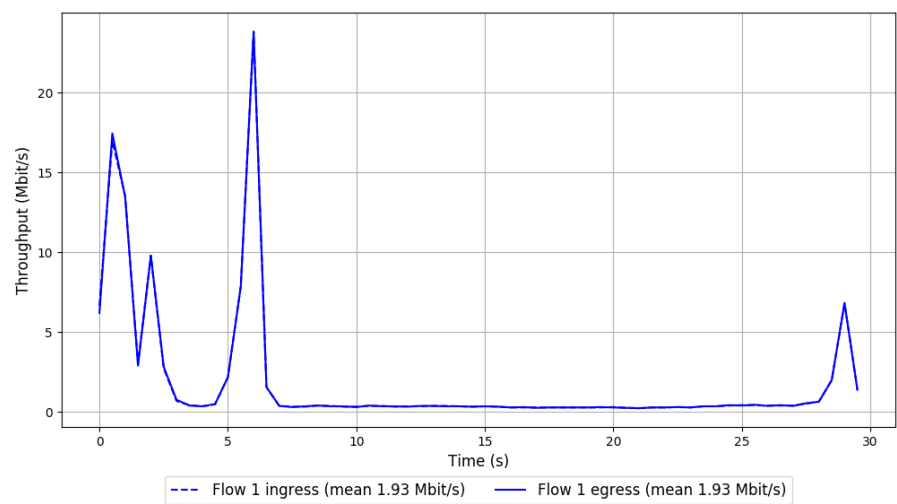


Run 2: Statistics of KohoCC

Start at: 2017-08-29 12:00:39  
End at: 2017-08-29 12:01:09  
Local clock offset: -0.871 ms  
Remote clock offset: -34.861 ms

# Below is generated by plot.py at 2017-08-29 15:56:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.93 Mbit/s  
95th percentile per-packet one-way delay: 26.702 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 1.93 Mbit/s  
95th percentile per-packet one-way delay: 26.702 ms  
Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



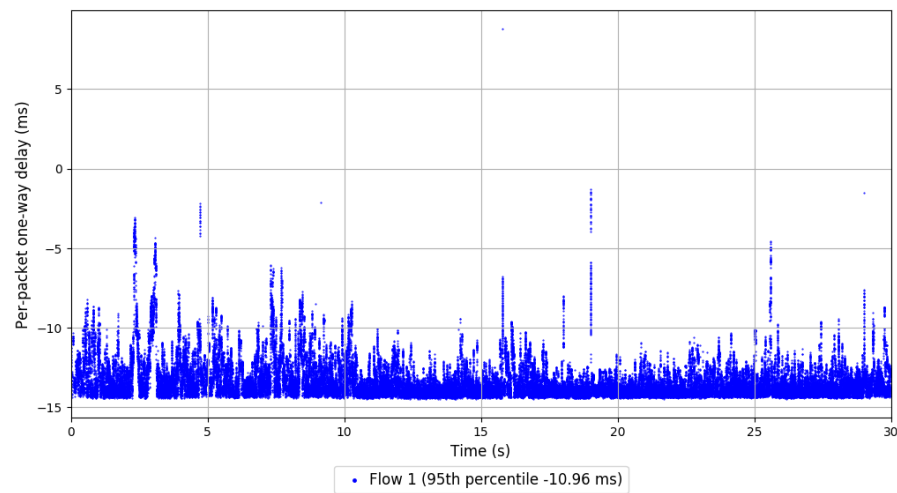
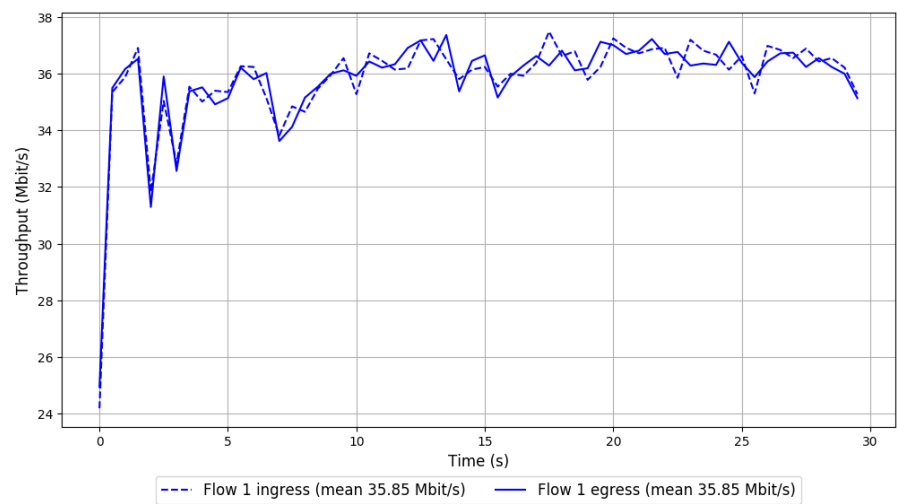
Run 3: Statistics of KohoCC

Start at: 2017-08-29 12:26:31  
End at: 2017-08-29 12:27:01  
Local clock offset: 0.269 ms  
Remote clock offset: -35.951 ms

# Below is generated by plot.py at 2017-08-29 15:56:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 35.85 Mbit/s  
95th percentile per-packet one-way delay: -10.960 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 35.85 Mbit/s  
95th percentile per-packet one-way delay: -10.960 ms  
Loss rate: 0.00%



Run 3: Report of KohoCC — Data Link

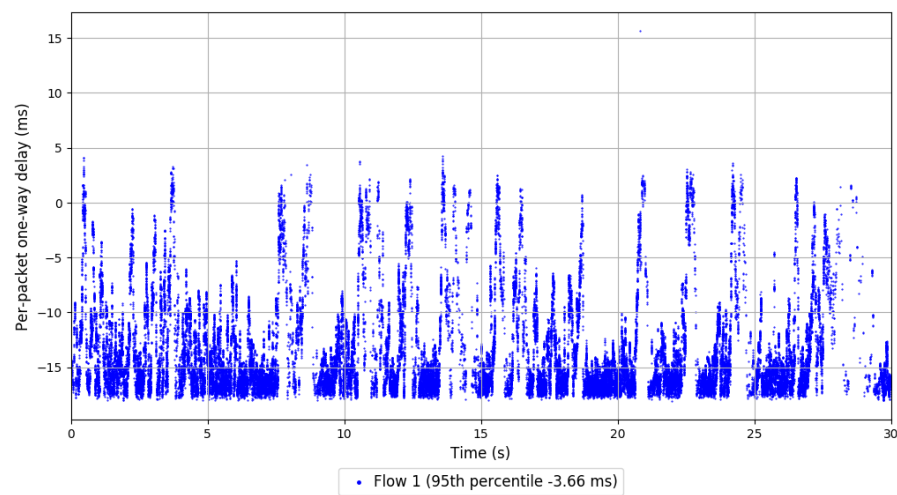
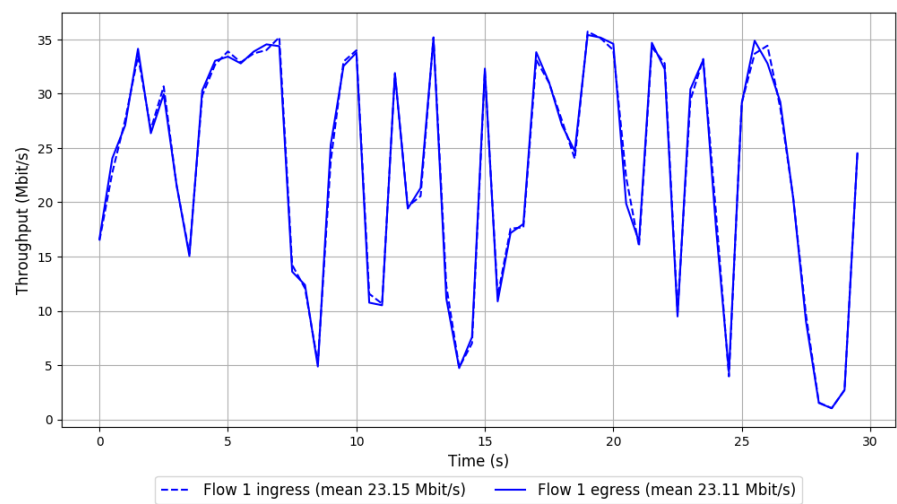


Run 4: Statistics of KohoCC

Start at: 2017-08-29 12:44:48  
End at: 2017-08-29 12:45:18  
Local clock offset: 4.806 ms  
Remote clock offset: -35.287 ms

# Below is generated by plot.py at 2017-08-29 15:56:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 23.11 Mbit/s  
95th percentile per-packet one-way delay: -3.663 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 23.11 Mbit/s  
95th percentile per-packet one-way delay: -3.663 ms  
Loss rate: 0.18%

Run 4: Report of KohoCC — Data Link

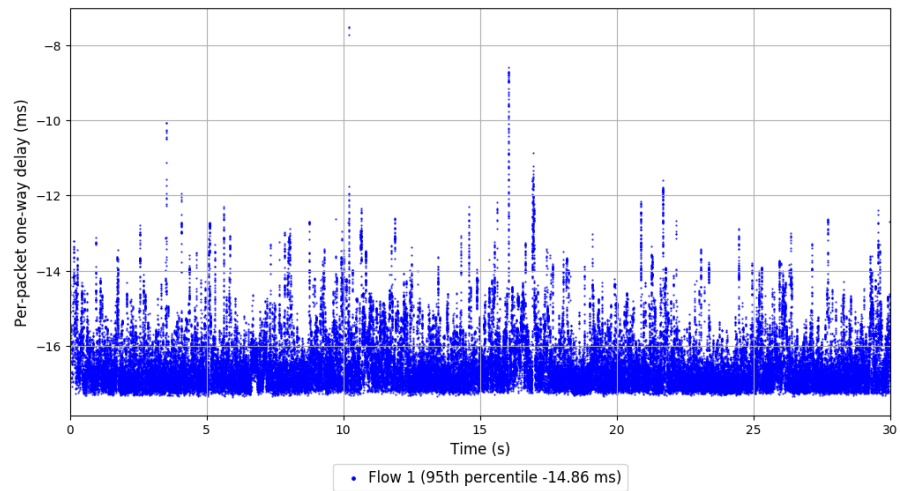
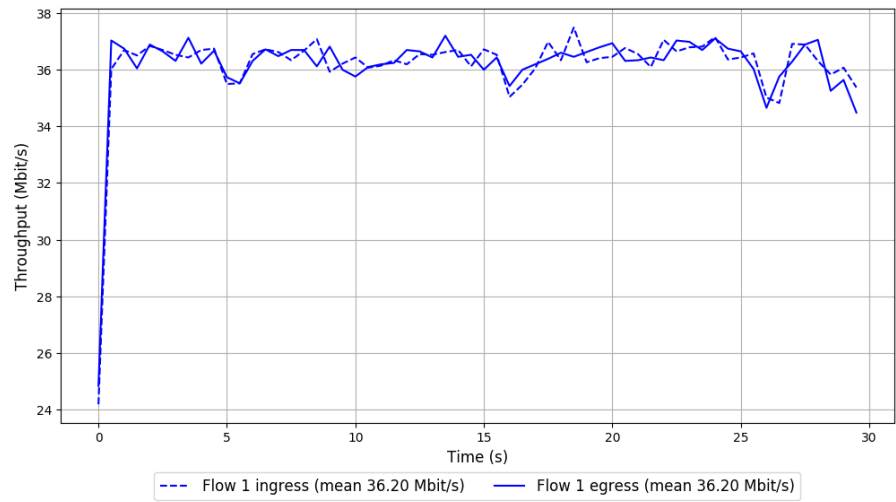


Run 5: Statistics of KohoCC

Start at: 2017-08-29 13:03:55  
End at: 2017-08-29 13:04:25  
Local clock offset: 4.612 ms  
Remote clock offset: -34.595 ms

# Below is generated by plot.py at 2017-08-29 15:56:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 36.20 Mbit/s  
95th percentile per-packet one-way delay: -14.858 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 36.20 Mbit/s  
95th percentile per-packet one-way delay: -14.858 ms  
Loss rate: 0.00%

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

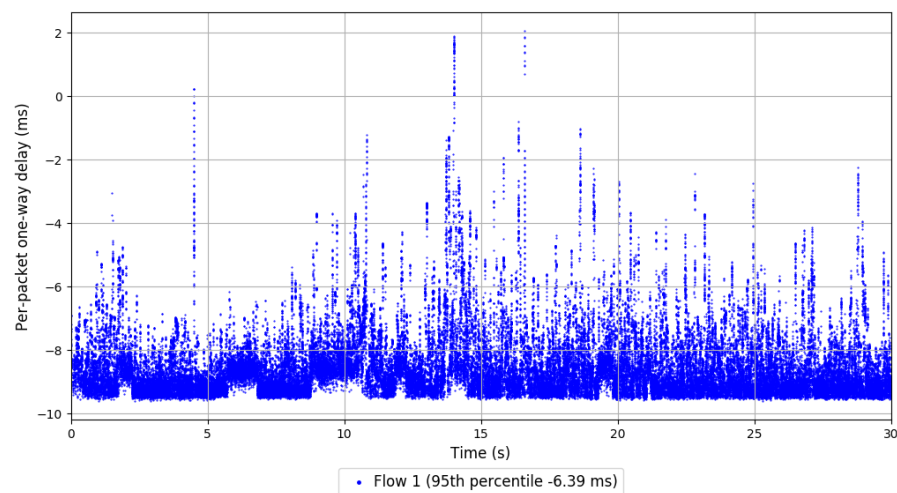
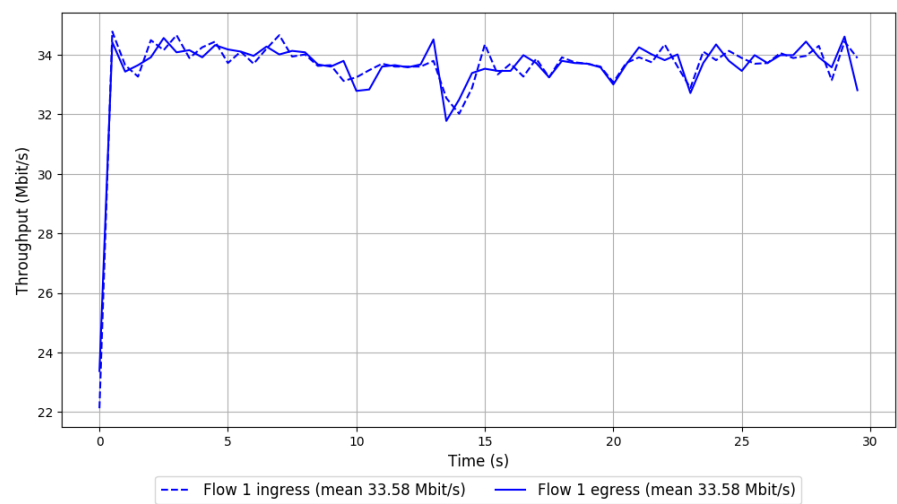


Run 6: Statistics of KohoCC

Start at: 2017-08-29 13:25:29  
End at: 2017-08-29 13:25:59  
Local clock offset: 1.673 ms  
Remote clock offset: -31.968 ms

# Below is generated by plot.py at 2017-08-29 15:56:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 33.58 Mbit/s  
95th percentile per-packet one-way delay: -6.392 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 33.58 Mbit/s  
95th percentile per-packet one-way delay: -6.392 ms  
Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link



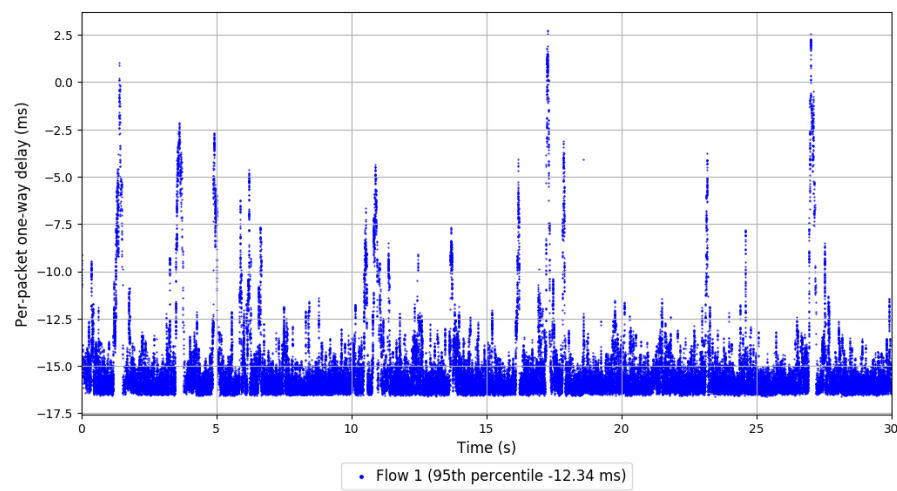
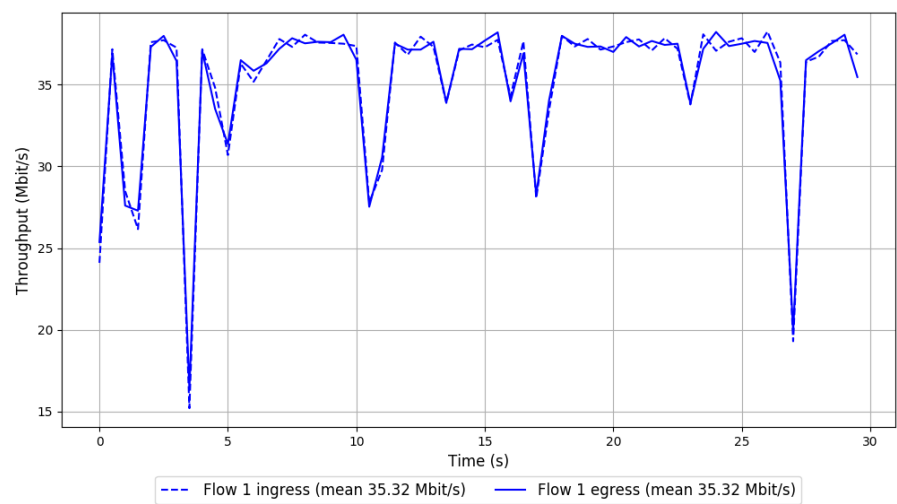
Run 7: Statistics of KohoCC

Start at: 2017-08-29 13:45:44  
End at: 2017-08-29 13:46:14  
Local clock offset: 3.964 ms  
Remote clock offset: -33.457 ms

# Below is generated by plot.py at 2017-08-29 15:56:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 35.32 Mbit/s  
95th percentile per-packet one-way delay: -12.338 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 35.32 Mbit/s  
95th percentile per-packet one-way delay: -12.338 ms  
Loss rate: 0.01%



Run 7: Report of KohoCC — Data Link

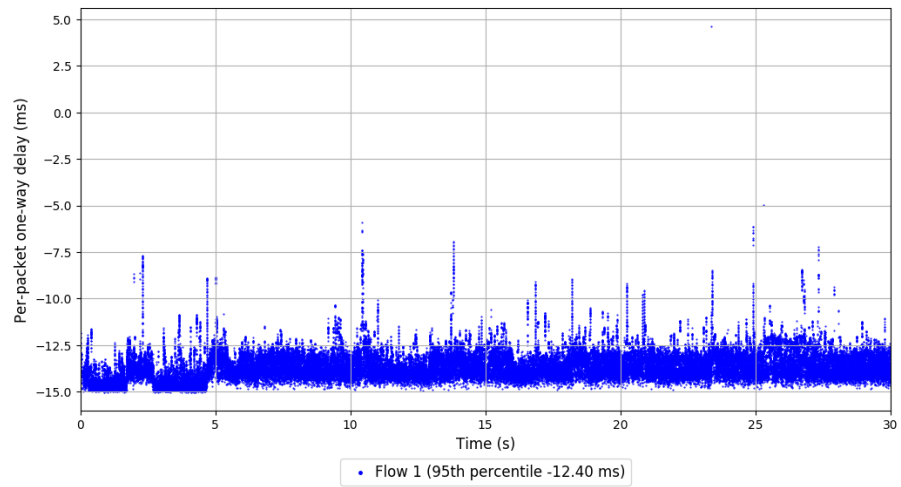
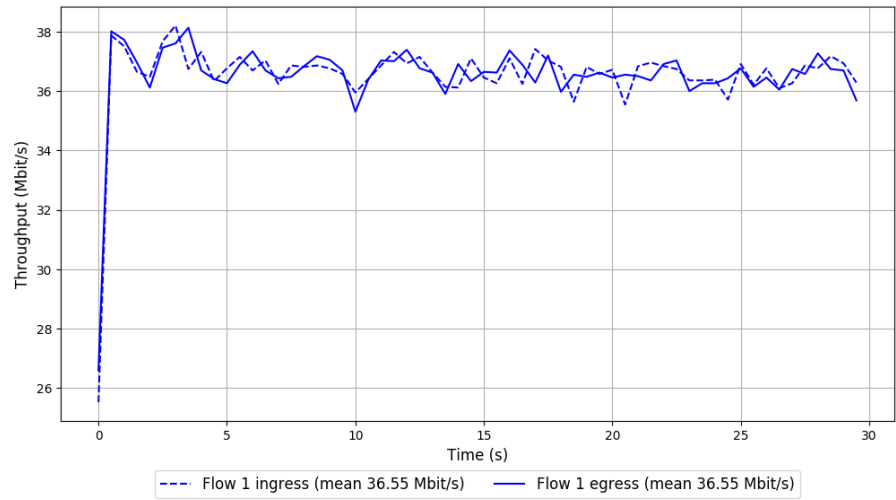


Run 8: Statistics of KohoCC

Start at: 2017-08-29 14:05:09  
End at: 2017-08-29 14:05:39  
Local clock offset: 3.768 ms  
Remote clock offset: -32.195 ms

# Below is generated by plot.py at 2017-08-29 15:56:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 36.55 Mbit/s  
95th percentile per-packet one-way delay: -12.404 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 36.55 Mbit/s  
95th percentile per-packet one-way delay: -12.404 ms  
Loss rate: 0.00%

## Run 8: Report of KohoCC — Data Link

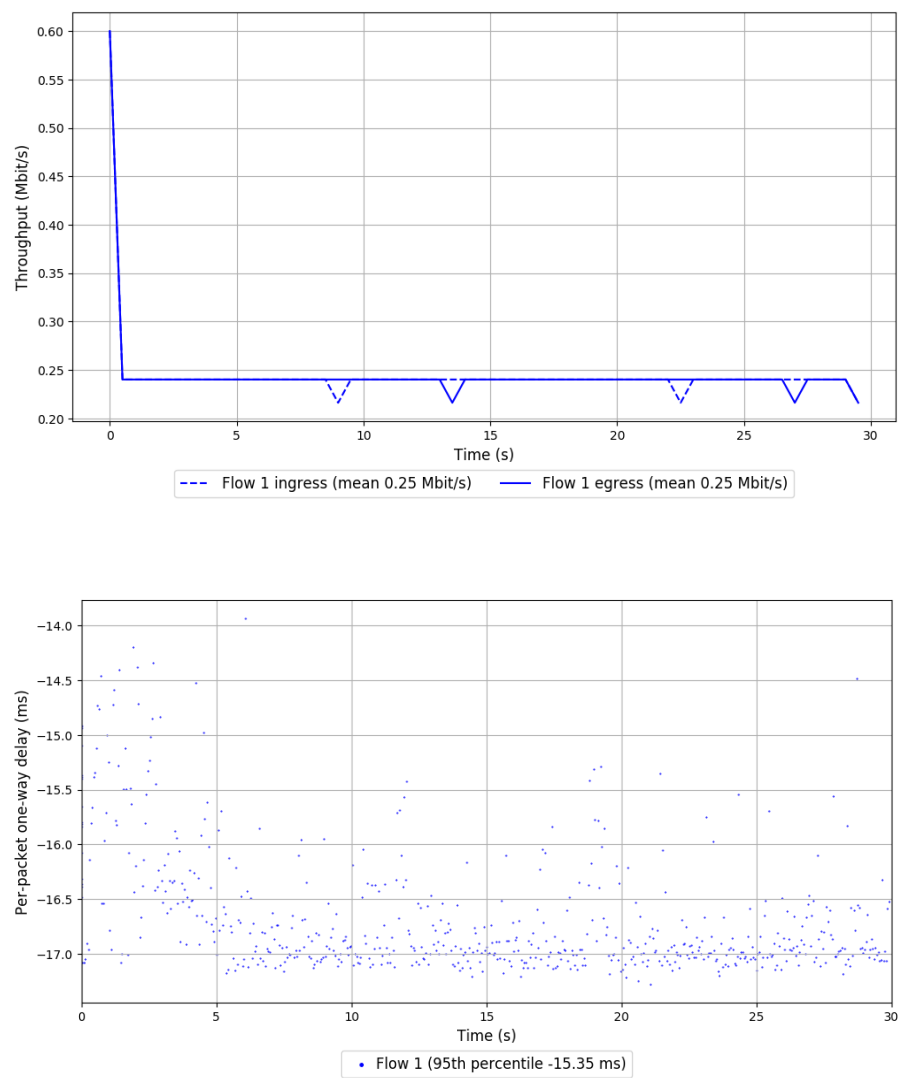


Run 9: Statistics of KohoCC

Start at: 2017-08-29 14:27:58  
End at: 2017-08-29 14:28:28  
Local clock offset: 6.621 ms  
Remote clock offset: -31.598 ms

# Below is generated by plot.py at 2017-08-29 15:56:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.25 Mbit/s  
95th percentile per-packet one-way delay: -15.352 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.25 Mbit/s  
95th percentile per-packet one-way delay: -15.352 ms  
Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link

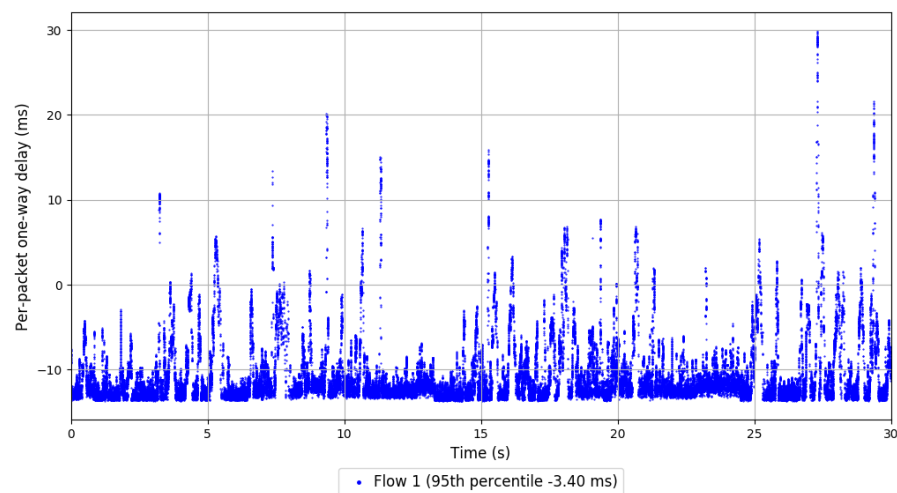
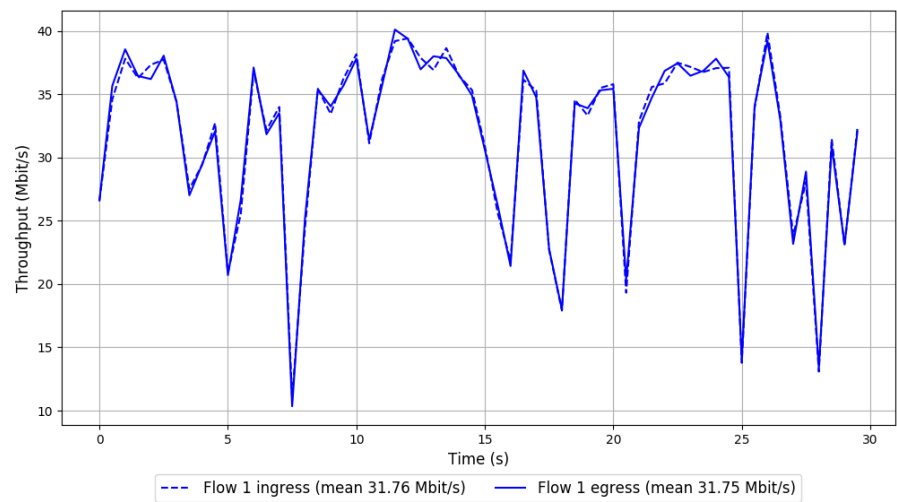


Run 10: Statistics of KohoCC

Start at: 2017-08-29 15:10:52  
End at: 2017-08-29 15:11:22  
Local clock offset: 5.306 ms  
Remote clock offset: -31.673 ms

# Below is generated by plot.py at 2017-08-29 15:56:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 31.75 Mbit/s  
95th percentile per-packet one-way delay: -3.401 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 31.75 Mbit/s  
95th percentile per-packet one-way delay: -3.401 ms  
Loss rate: 0.04%

Run 10: Report of KohoCC — Data Link



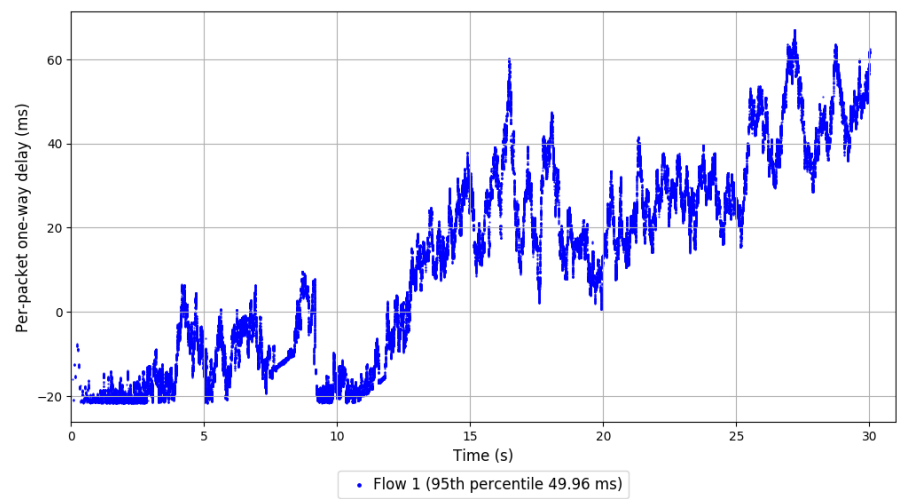
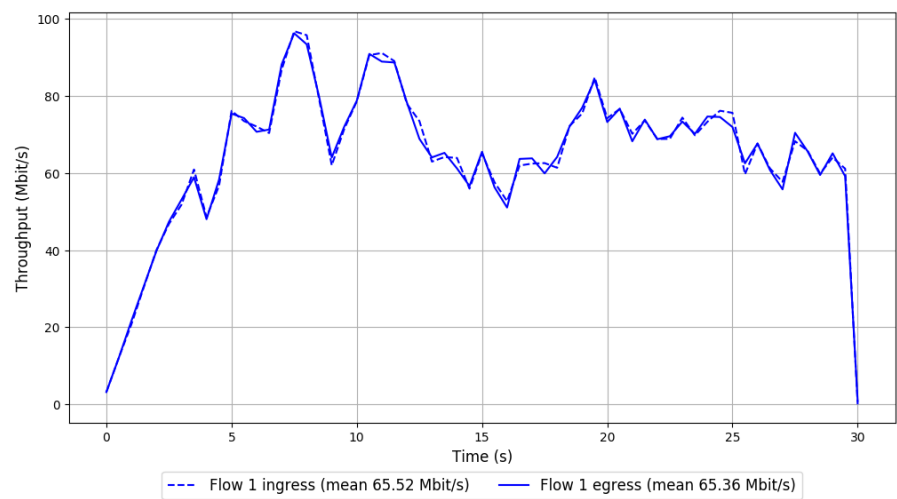
```
Run 1: Statistics of LEDBAT

Start at: 2017-08-29 11:08:47
End at: 2017-08-29 11:09:17
Local clock offset: 1.601 ms
Remote clock offset: -42.919 ms

# Below is generated by plot.py at 2017-08-29 15:56:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.36 Mbit/s
95th percentile per-packet one-way delay: 49.963 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 65.36 Mbit/s
95th percentile per-packet one-way delay: 49.963 ms
Loss rate: 0.16%
```



Run 1: Report of LEDBAT — Data Link

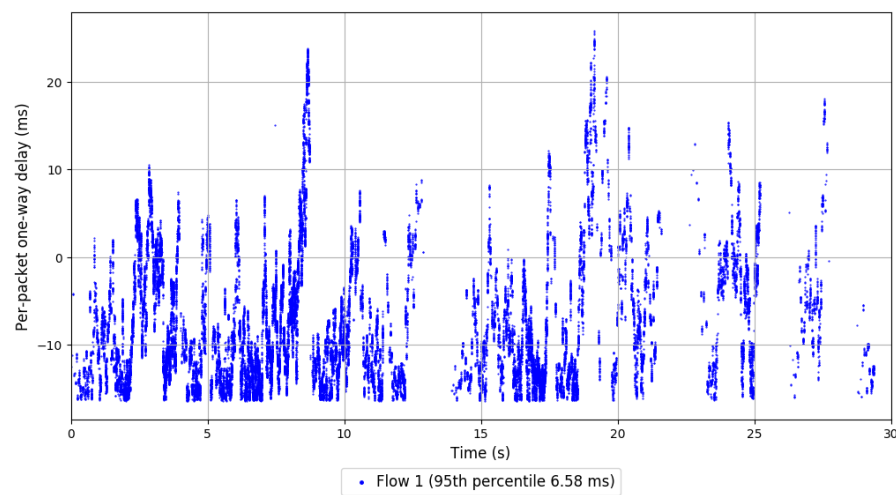
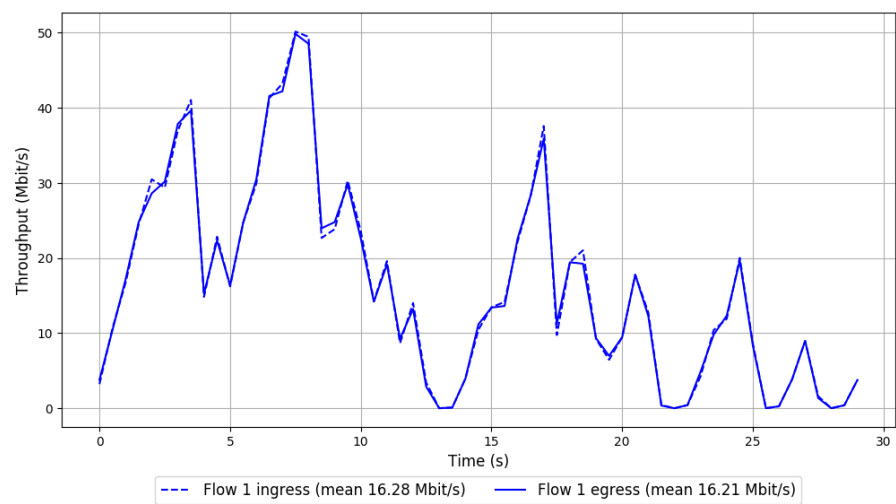


Run 2: Statistics of LEDBAT

Start at: 2017-08-29 11:42:17  
End at: 2017-08-29 11:42:47  
Local clock offset: 3.883 ms  
Remote clock offset: -36.156 ms

# Below is generated by plot.py at 2017-08-29 15:56:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 16.21 Mbit/s  
95th percentile per-packet one-way delay: 6.576 ms  
Loss rate: 0.43%  
-- Flow 1:  
Average throughput: 16.21 Mbit/s  
95th percentile per-packet one-way delay: 6.576 ms  
Loss rate: 0.43%

Run 2: Report of LEDBAT — Data Link

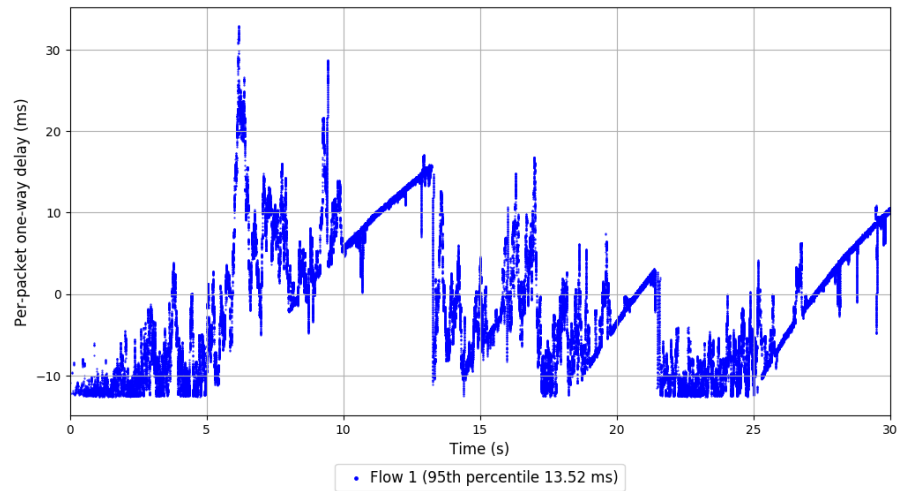
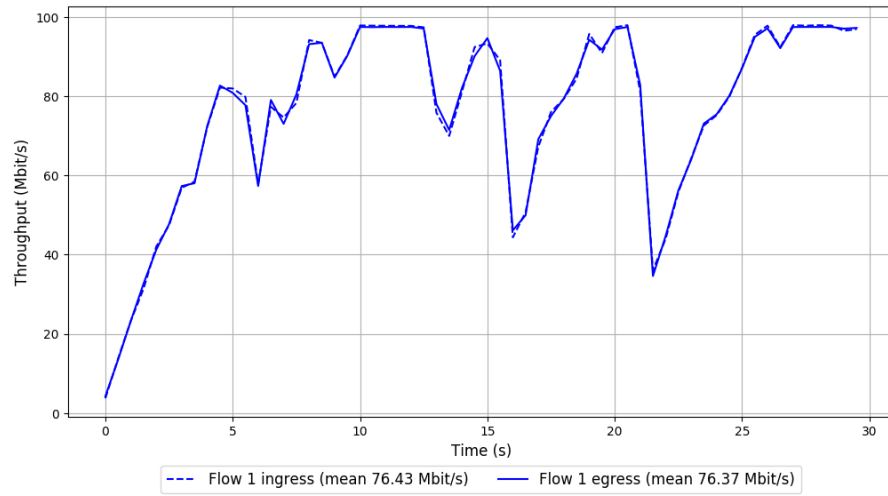


Run 3: Statistics of LEDBAT

Start at: 2017-08-29 12:19:15  
End at: 2017-08-29 12:19:45  
Local clock offset: 1.429 ms  
Remote clock offset: -35.18 ms

# Below is generated by plot.py at 2017-08-29 15:56:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.37 Mbit/s  
95th percentile per-packet one-way delay: 13.517 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 76.37 Mbit/s  
95th percentile per-packet one-way delay: 13.517 ms  
Loss rate: 0.01%

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

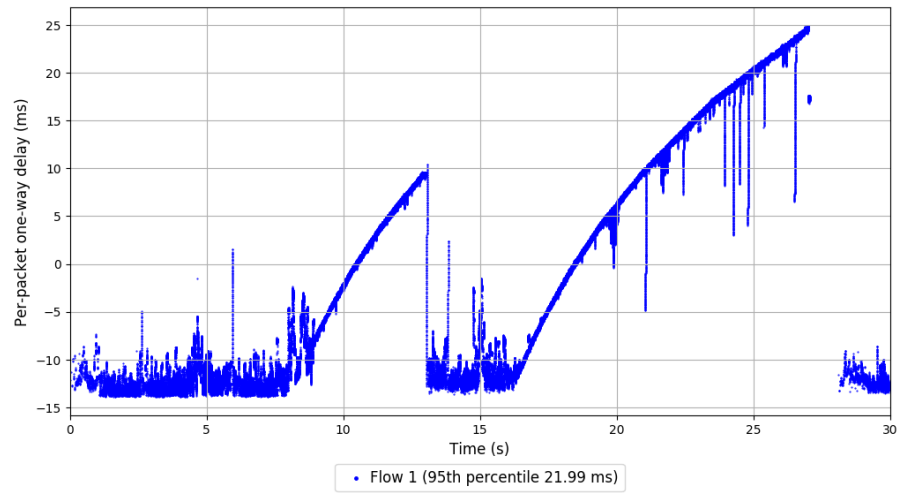
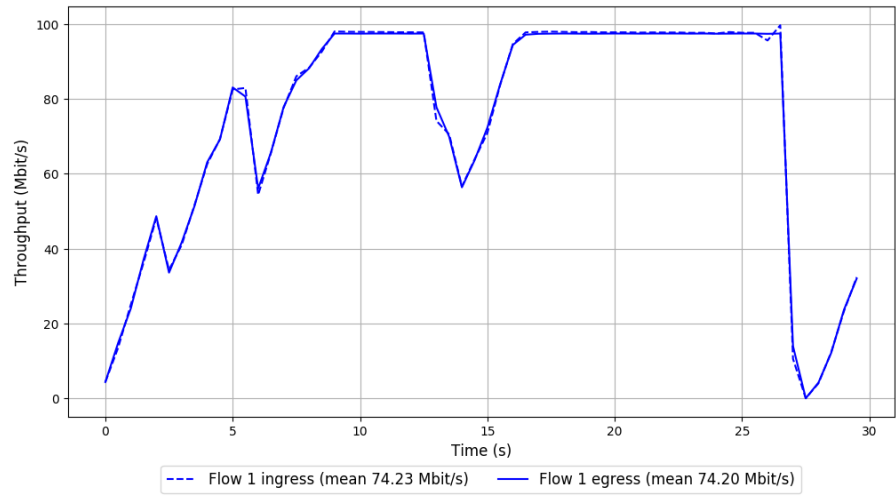


Run 4: Statistics of LEDBAT

Start at: 2017-08-29 12:37:25  
End at: 2017-08-29 12:37:55  
Local clock offset: -0.318 ms  
Remote clock offset: -36.011 ms

# Below is generated by plot.py at 2017-08-29 15:56:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 74.20 Mbit/s  
95th percentile per-packet one-way delay: 21.989 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 74.20 Mbit/s  
95th percentile per-packet one-way delay: 21.989 ms  
Loss rate: 0.04%

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



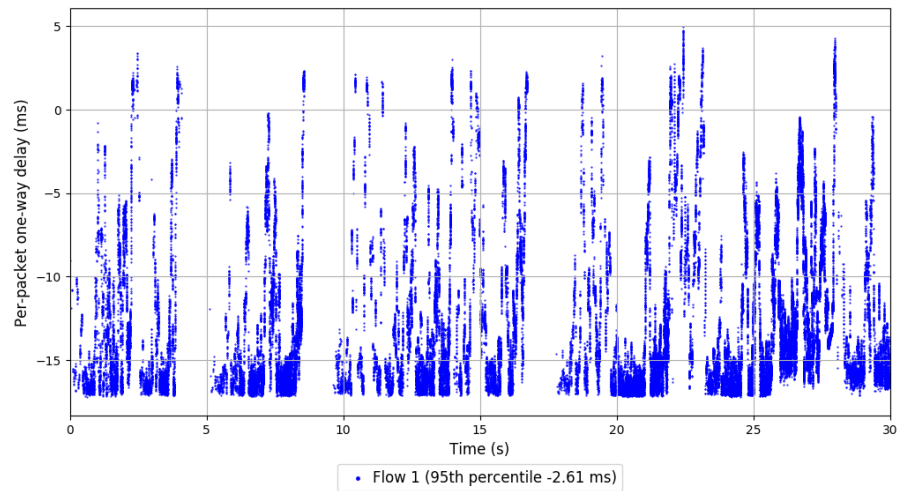
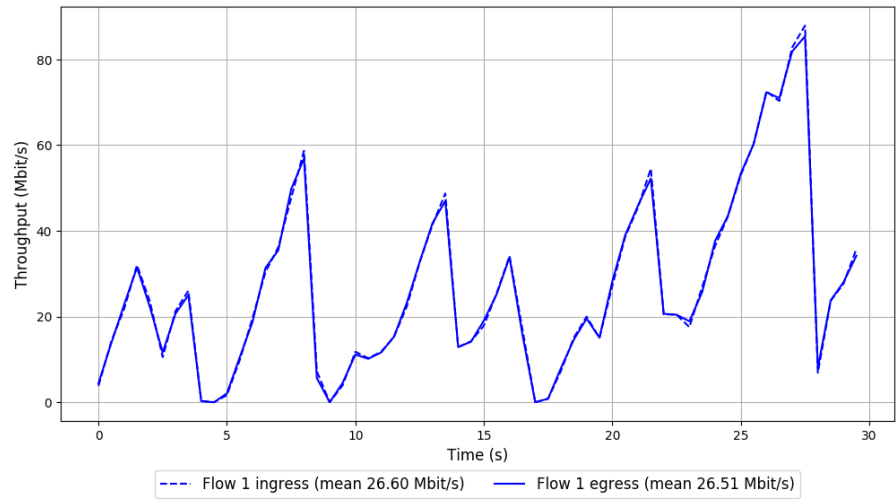
Run 5: Statistics of LEDBAT

Start at: 2017-08-29 12:56:15  
End at: 2017-08-29 12:56:45  
Local clock offset: 4.1 ms  
Remote clock offset: -34.959 ms

# Below is generated by plot.py at 2017-08-29 15:56:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 26.51 Mbit/s  
95th percentile per-packet one-way delay: -2.607 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 26.51 Mbit/s  
95th percentile per-packet one-way delay: -2.607 ms  
Loss rate: 0.34%



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

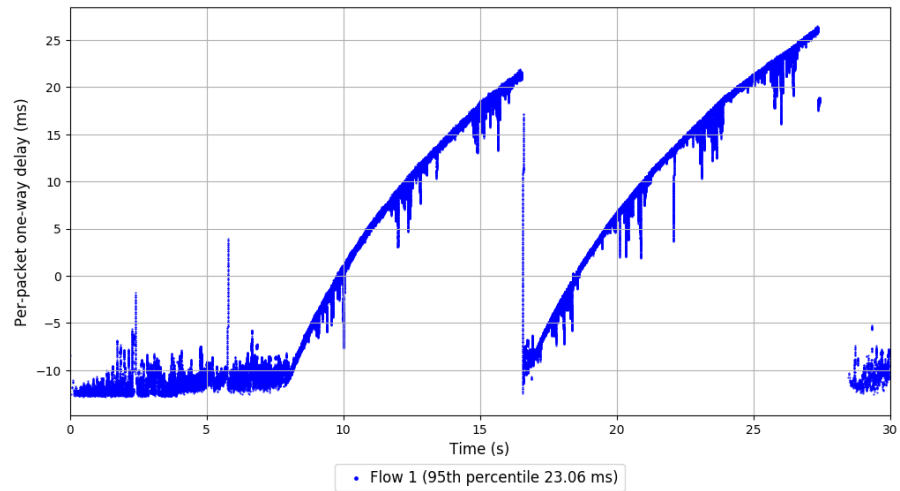
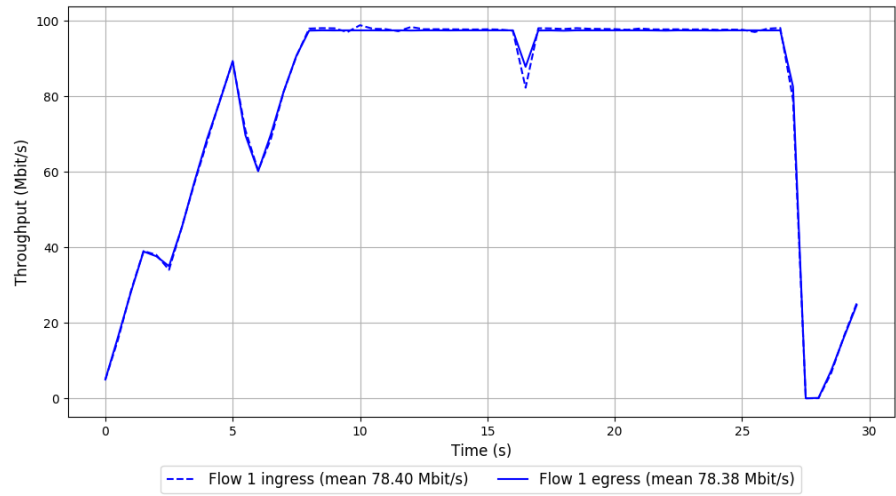


Run 6: Statistics of LEDBAT

Start at: 2017-08-29 13:17:08  
End at: 2017-08-29 13:17:38  
Local clock offset: 2.055 ms  
Remote clock offset: -31.681 ms

# Below is generated by plot.py at 2017-08-29 15:56:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.38 Mbit/s  
95th percentile per-packet one-way delay: 23.060 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 78.38 Mbit/s  
95th percentile per-packet one-way delay: 23.060 ms  
Loss rate: 0.03%

## Run 6: Report of LEDBAT — Data Link

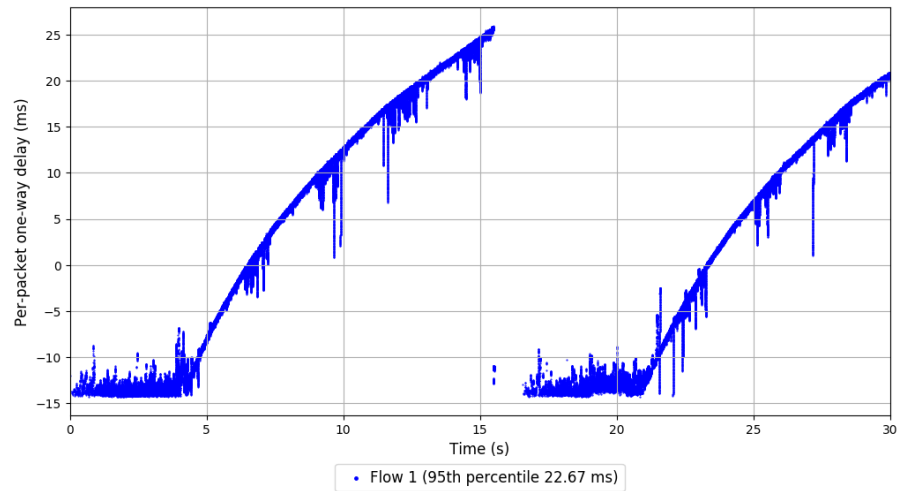
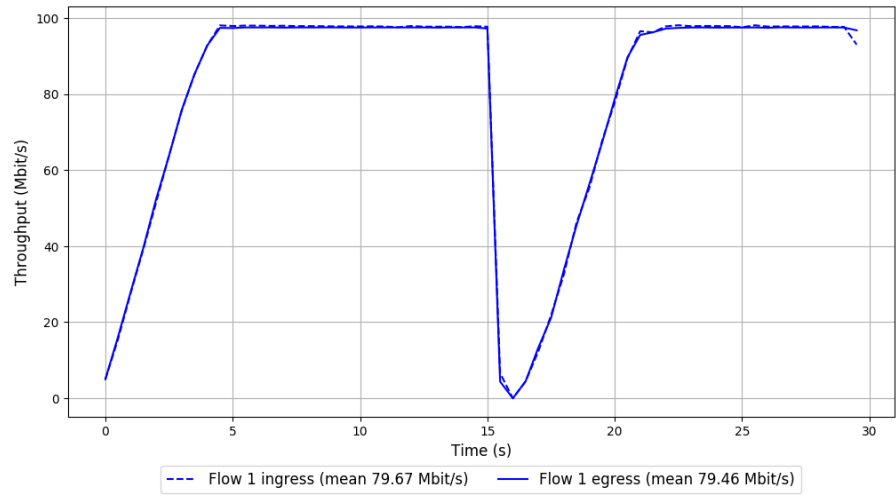


Run 7: Statistics of LEDBAT

Start at: 2017-08-29 13:38:00  
End at: 2017-08-29 13:38:30  
Local clock offset: 2.708 ms  
Remote clock offset: -32.411 ms

# Below is generated by plot.py at 2017-08-29 15:56:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.46 Mbit/s  
95th percentile per-packet one-way delay: 22.669 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 79.46 Mbit/s  
95th percentile per-packet one-way delay: 22.669 ms  
Loss rate: 0.16%

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

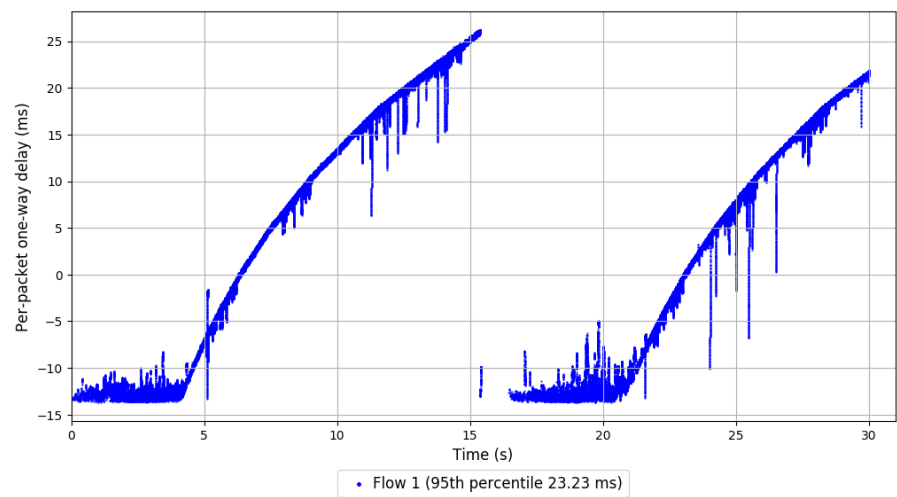
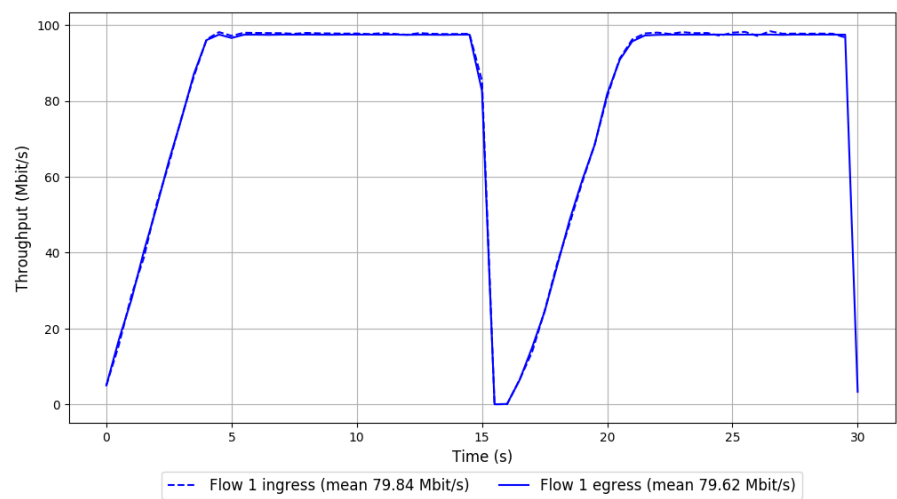


Run 8: Statistics of LEDBAT

Start at: 2017-08-29 13:57:48  
End at: 2017-08-29 13:58:18  
Local clock offset: 1.85 ms  
Remote clock offset: -32.636 ms

# Below is generated by plot.py at 2017-08-29 15:57:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.62 Mbit/s  
95th percentile per-packet one-way delay: 23.230 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 79.62 Mbit/s  
95th percentile per-packet one-way delay: 23.230 ms  
Loss rate: 0.16%

Run 8: Report of LEDBAT — Data Link



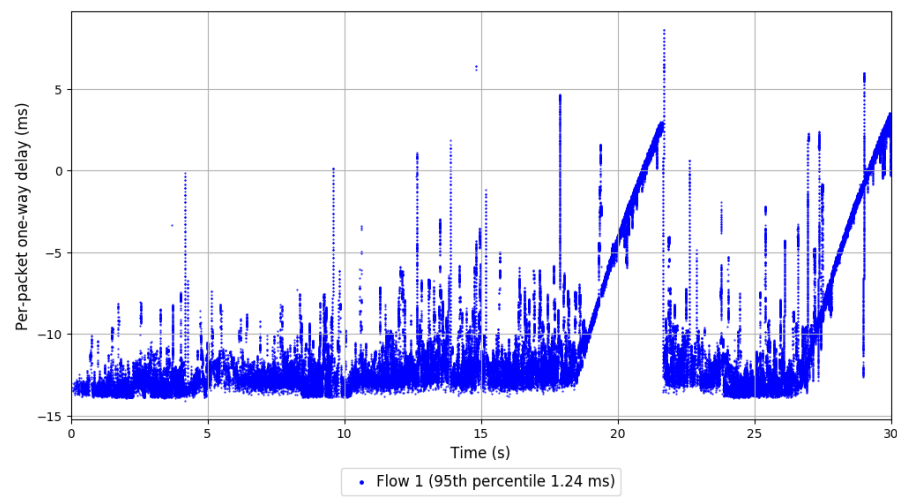
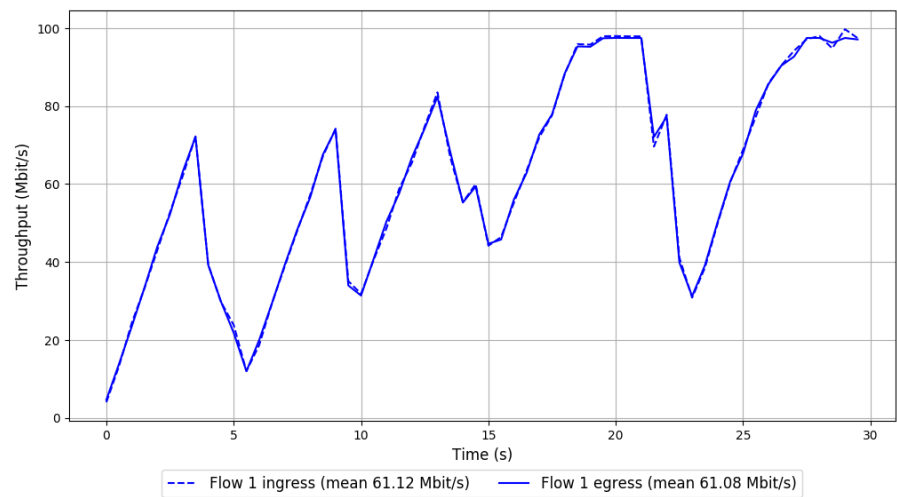
Run 9: Statistics of LEDBAT

Start at: 2017-08-29 14:18:00  
End at: 2017-08-29 14:18:30  
Local clock offset: 6.09 ms  
Remote clock offset: -31.913 ms

# Below is generated by plot.py at 2017-08-29 15:57:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 61.08 Mbit/s  
95th percentile per-packet one-way delay: 1.236 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 61.08 Mbit/s  
95th percentile per-packet one-way delay: 1.236 ms  
Loss rate: 0.03%



Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-08-29 14:59:09

End at: 2017-08-29 14:59:39

Local clock offset: 3.851 ms

Remote clock offset: -32.9 ms

# Below is generated by plot.py at 2017-08-29 15:57:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.71 Mbit/s

95th percentile per-packet one-way delay: 21.721 ms

Loss rate: 0.31%

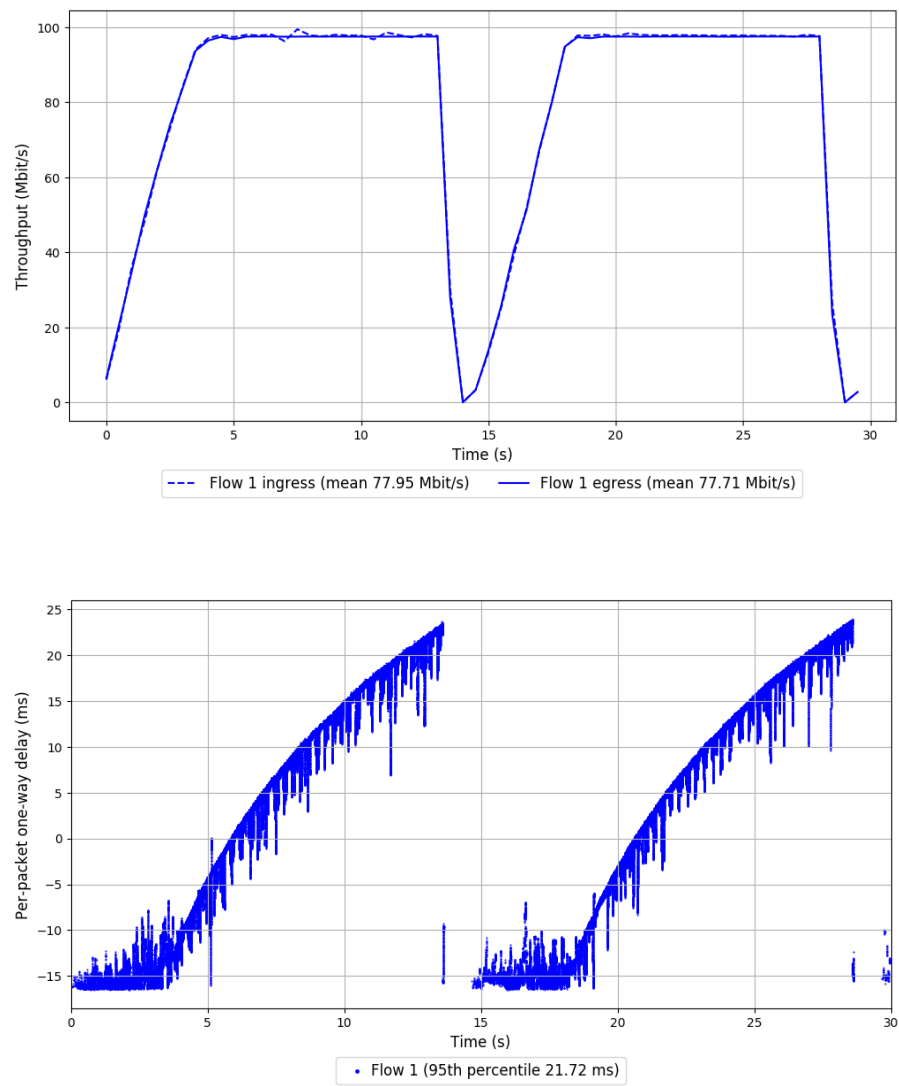
-- Flow 1:

Average throughput: 77.71 Mbit/s

95th percentile per-packet one-way delay: 21.721 ms

Loss rate: 0.31%

Run 10: Report of LEDBAT — Data Link

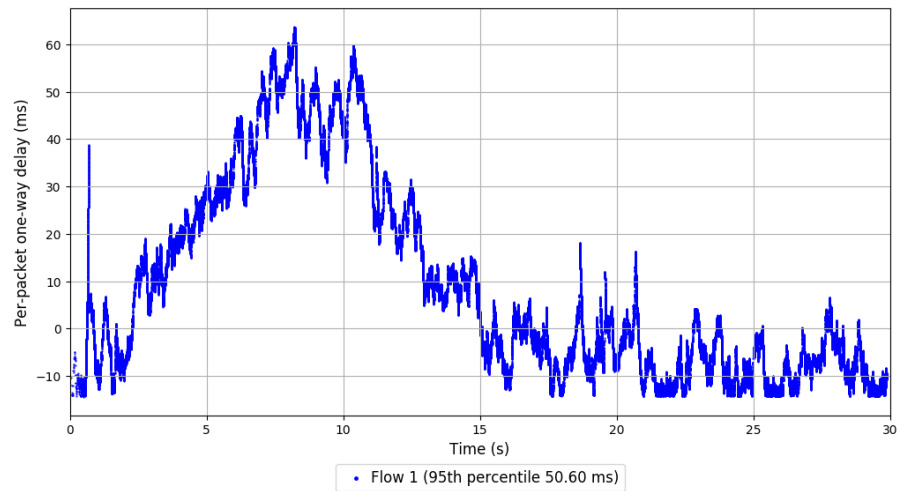
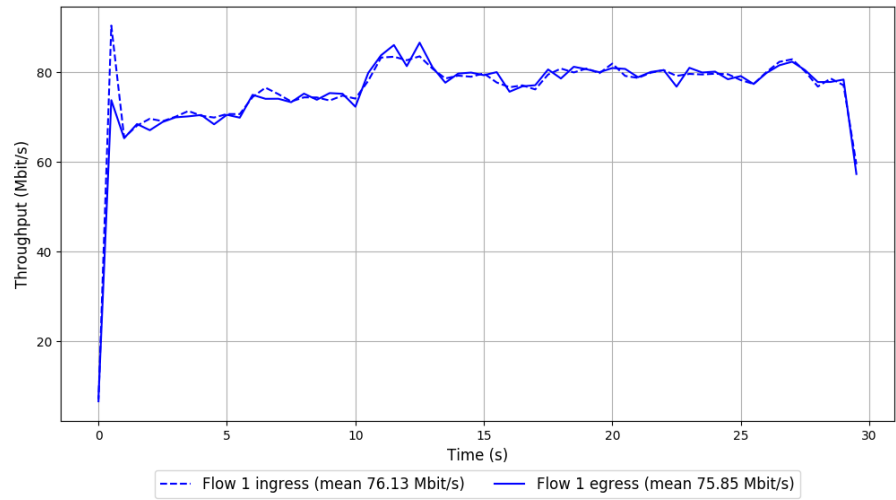


```
Run 1: Statistics of PCC

Start at: 2017-08-29 11:11:26
End at: 2017-08-29 11:11:56
Local clock offset: 0.771 ms
Remote clock offset: -33.301 ms

# Below is generated by plot.py at 2017-08-29 15:57:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.85 Mbit/s
95th percentile per-packet one-way delay: 50.598 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 75.85 Mbit/s
95th percentile per-packet one-way delay: 50.598 ms
Loss rate: 0.36%
```

### Run 1: Report of PCC — Data Link

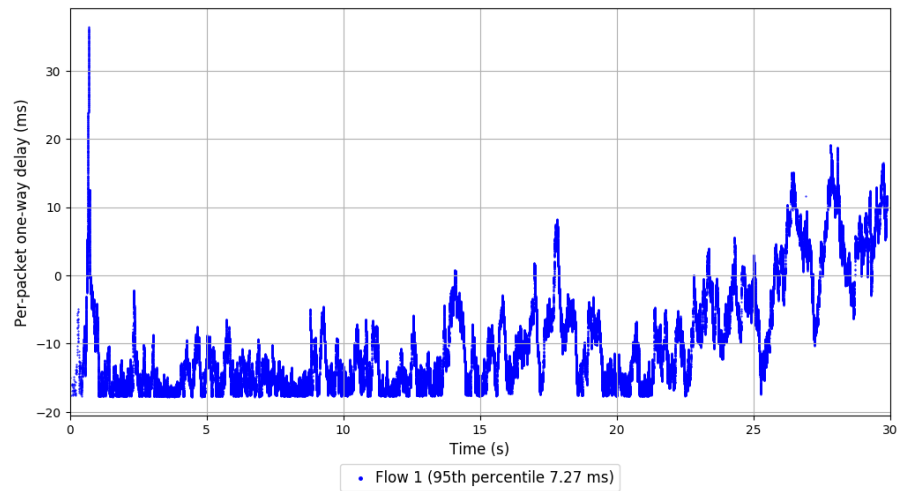
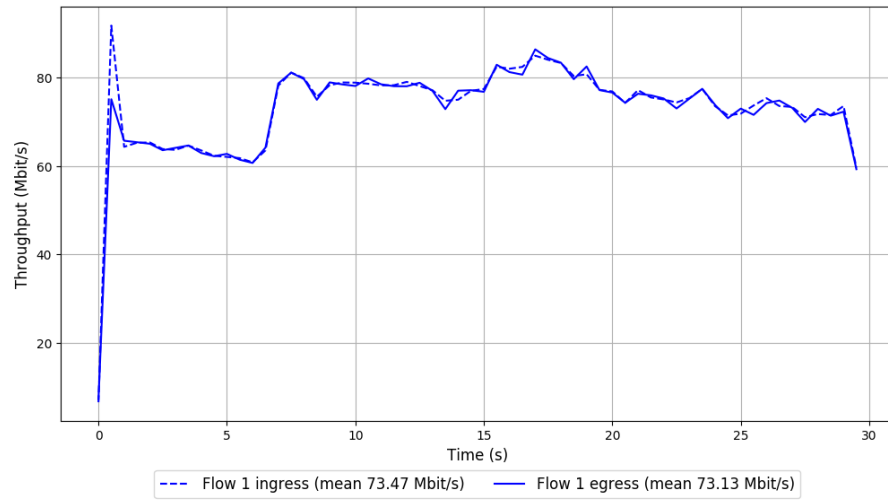


Run 2: Statistics of PCC

Start at: 2017-08-29 11:46:32  
End at: 2017-08-29 11:47:02  
Local clock offset: 3.336 ms  
Remote clock offset: -34.92 ms

# Below is generated by plot.py at 2017-08-29 15:57:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.13 Mbit/s  
95th percentile per-packet one-way delay: 7.269 ms  
Loss rate: 0.43%  
-- Flow 1:  
Average throughput: 73.13 Mbit/s  
95th percentile per-packet one-way delay: 7.269 ms  
Loss rate: 0.43%

## Run 2: Report of PCC — Data Link



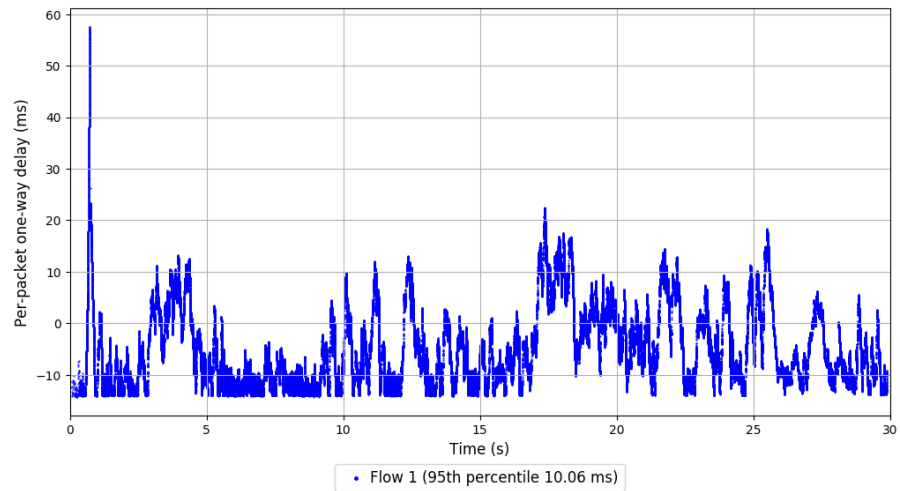
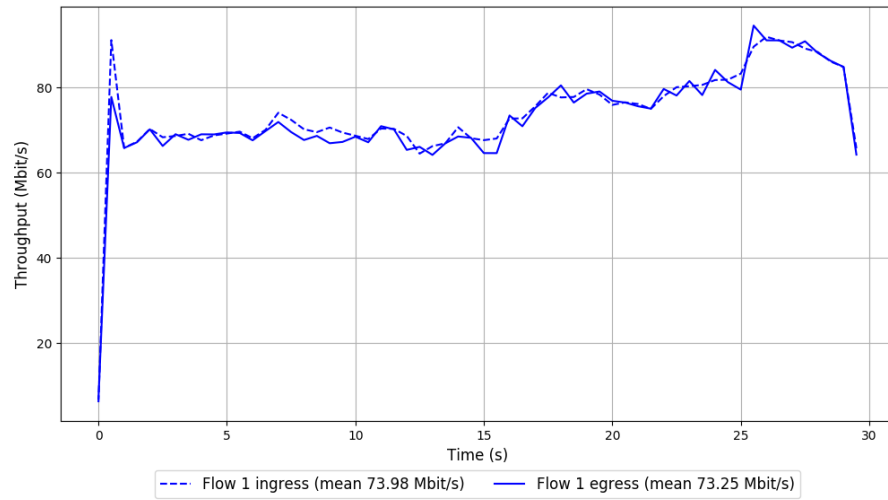
Run 3: Statistics of PCC

Start at: 2017-08-29 12:21:42  
End at: 2017-08-29 12:22:12  
Local clock offset: 3.712 ms  
Remote clock offset: -34.39 ms

# Below is generated by plot.py at 2017-08-29 15:57:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.25 Mbit/s  
95th percentile per-packet one-way delay: 10.064 ms  
Loss rate: 0.98%  
-- Flow 1:  
Average throughput: 73.25 Mbit/s  
95th percentile per-packet one-way delay: 10.064 ms  
Loss rate: 0.98%



### Run 3: Report of PCC — Data Link

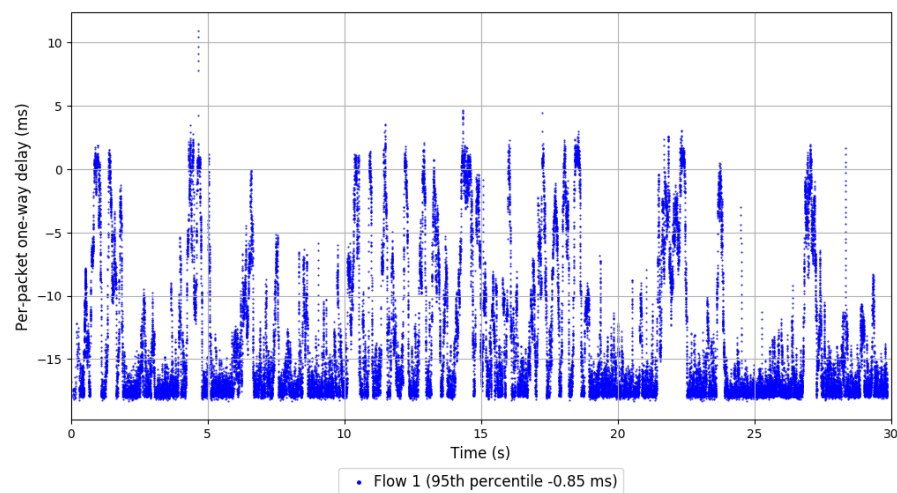
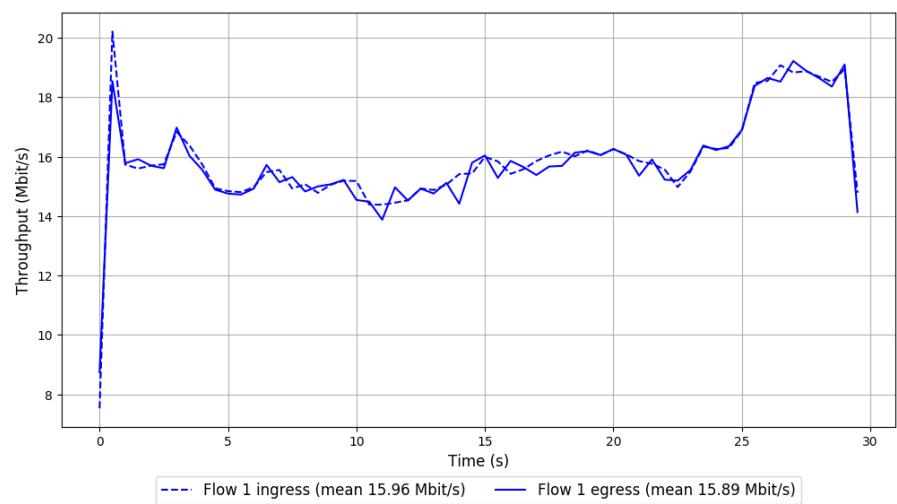


Run 4: Statistics of PCC

Start at: 2017-08-29 12:40:05  
End at: 2017-08-29 12:40:35  
Local clock offset: 5.186 ms  
Remote clock offset: -34.665 ms

# Below is generated by plot.py at 2017-08-29 15:57:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.89 Mbit/s  
95th percentile per-packet one-way delay: -0.854 ms  
Loss rate: 0.45%  
-- Flow 1:  
Average throughput: 15.89 Mbit/s  
95th percentile per-packet one-way delay: -0.854 ms  
Loss rate: 0.45%

Run 4: Report of PCC — Data Link

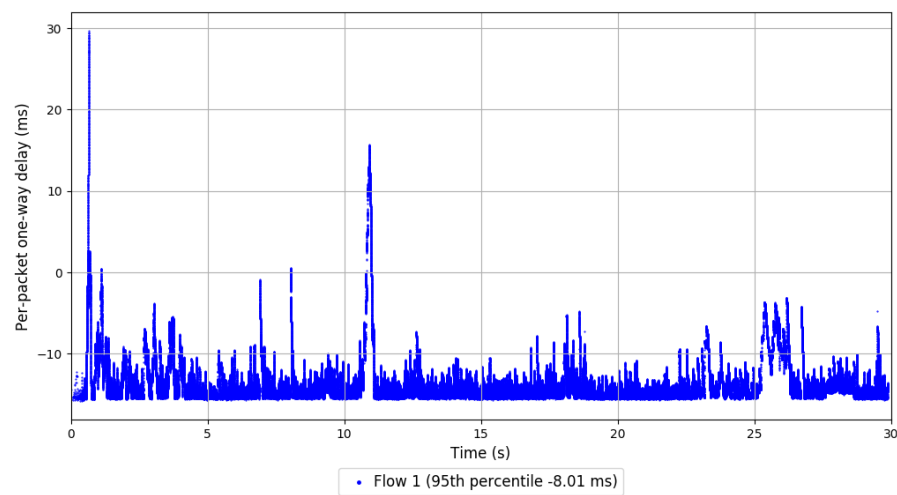
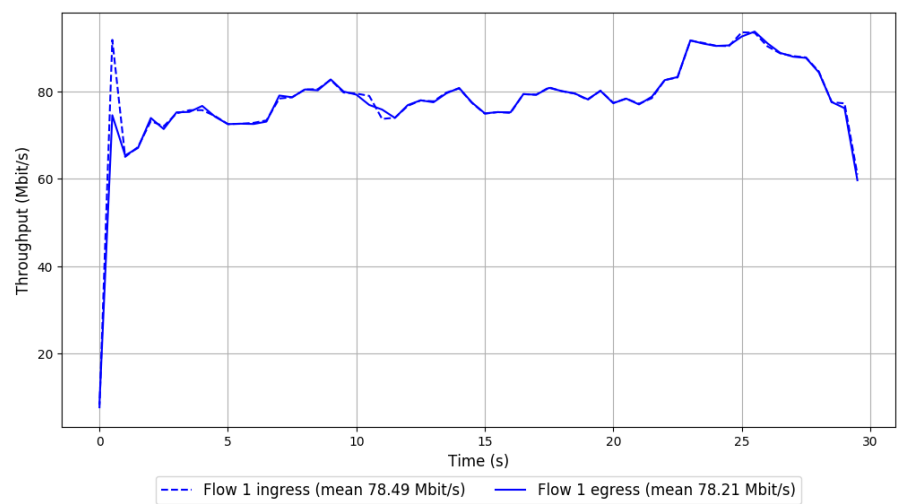


Run 5: Statistics of PCC

Start at: 2017-08-29 12:58:53  
End at: 2017-08-29 12:59:23  
Local clock offset: 5.728 ms  
Remote clock offset: -34.12 ms

# Below is generated by plot.py at 2017-08-29 15:57:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.21 Mbit/s  
95th percentile per-packet one-way delay: -8.008 ms  
Loss rate: 0.38%  
-- Flow 1:  
Average throughput: 78.21 Mbit/s  
95th percentile per-packet one-way delay: -8.008 ms  
Loss rate: 0.38%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-08-29 13:20:34

End at: 2017-08-29 13:21:04

Local clock offset: 3.929 ms

Remote clock offset: -32.058 ms

### Run 6: Report of PCC — Data Link

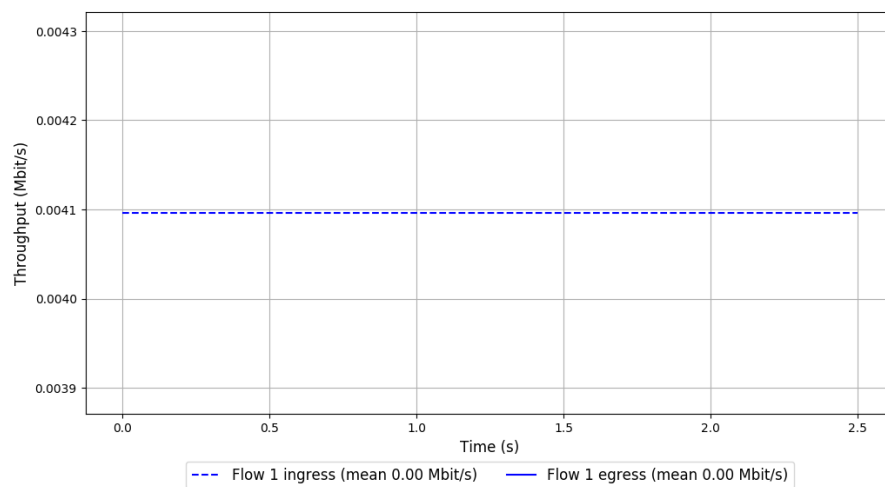


Figure is missing

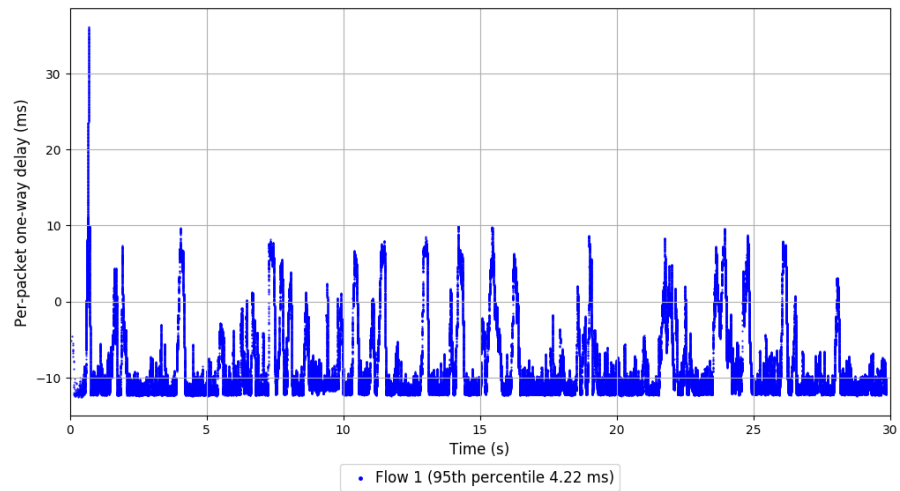
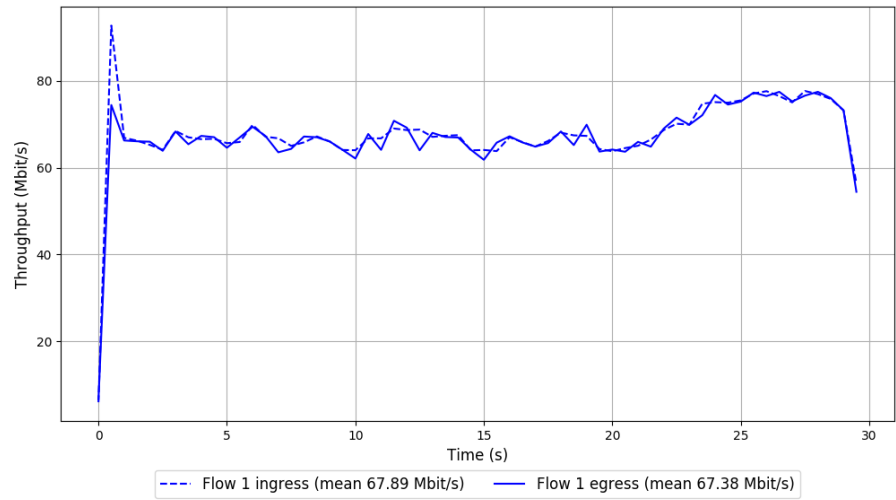
Run 7: Statistics of PCC

Start at: 2017-08-29 13:40:40  
End at: 2017-08-29 13:41:10  
Local clock offset: 4.977 ms  
Remote clock offset: -31.416 ms

# Below is generated by plot.py at 2017-08-29 15:57:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 67.38 Mbit/s  
95th percentile per-packet one-way delay: 4.220 ms  
Loss rate: 0.76%  
-- Flow 1:  
Average throughput: 67.38 Mbit/s  
95th percentile per-packet one-way delay: 4.220 ms  
Loss rate: 0.76%



## Run 7: Report of PCC — Data Link

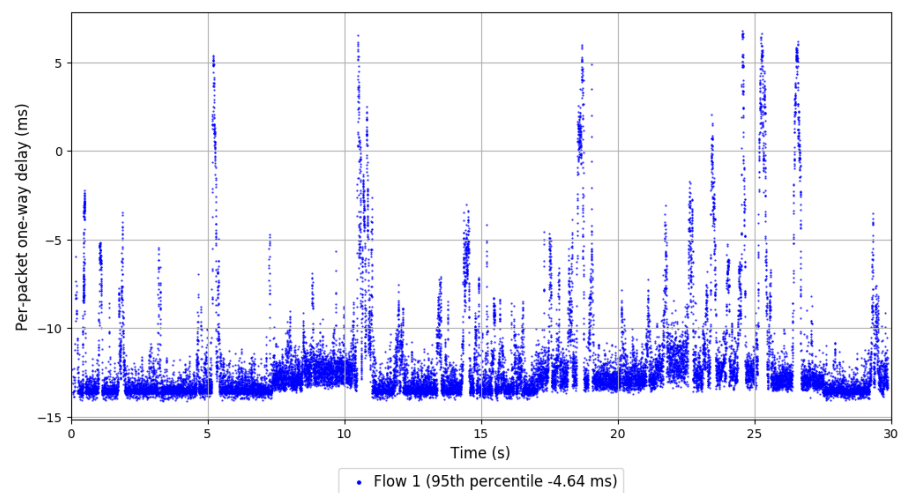
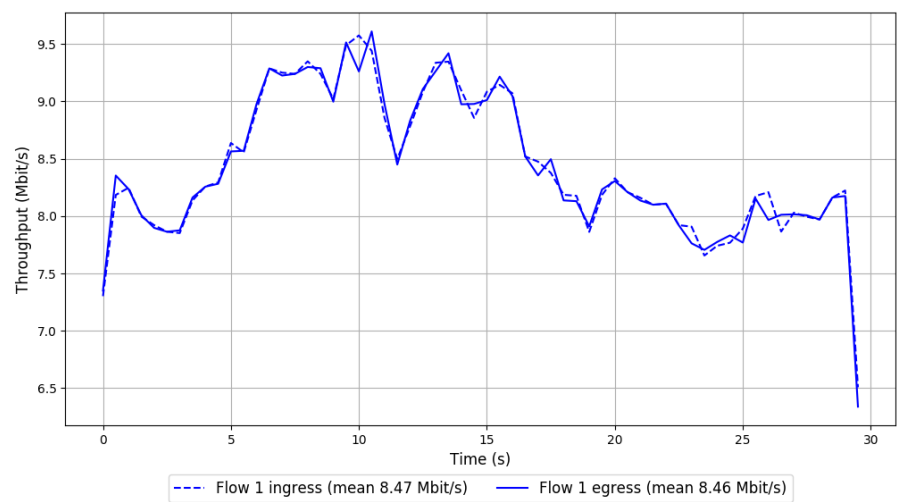


Run 8: Statistics of PCC

Start at: 2017-08-29 14:00:15  
End at: 2017-08-29 14:00:45  
Local clock offset: 2.571 ms  
Remote clock offset: -33.009 ms

# Below is generated by plot.py at 2017-08-29 15:57:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 8.46 Mbit/s  
95th percentile per-packet one-way delay: -4.639 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 8.46 Mbit/s  
95th percentile per-packet one-way delay: -4.639 ms  
Loss rate: 0.07%

Run 8: Report of PCC — Data Link

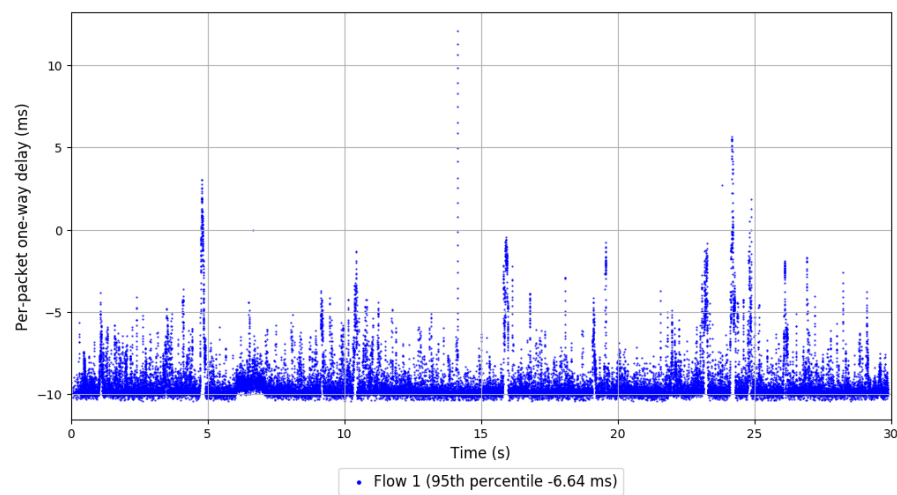
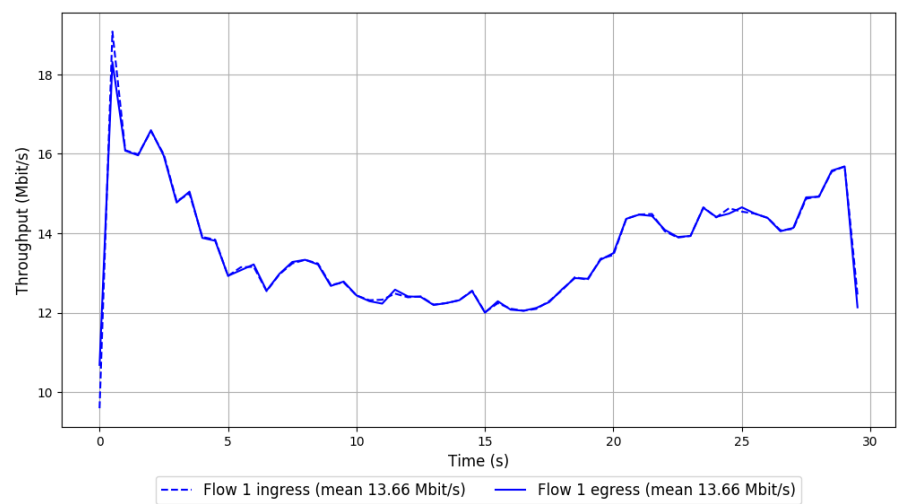


Run 9: Statistics of PCC

Start at: 2017-08-29 14:20:27  
End at: 2017-08-29 14:20:57  
Local clock offset: 3.775 ms  
Remote clock offset: -30.446 ms

# Below is generated by plot.py at 2017-08-29 15:57:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 13.66 Mbit/s  
95th percentile per-packet one-way delay: -6.636 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 13.66 Mbit/s  
95th percentile per-packet one-way delay: -6.636 ms  
Loss rate: 0.00%

Run 9: Report of PCC — Data Link

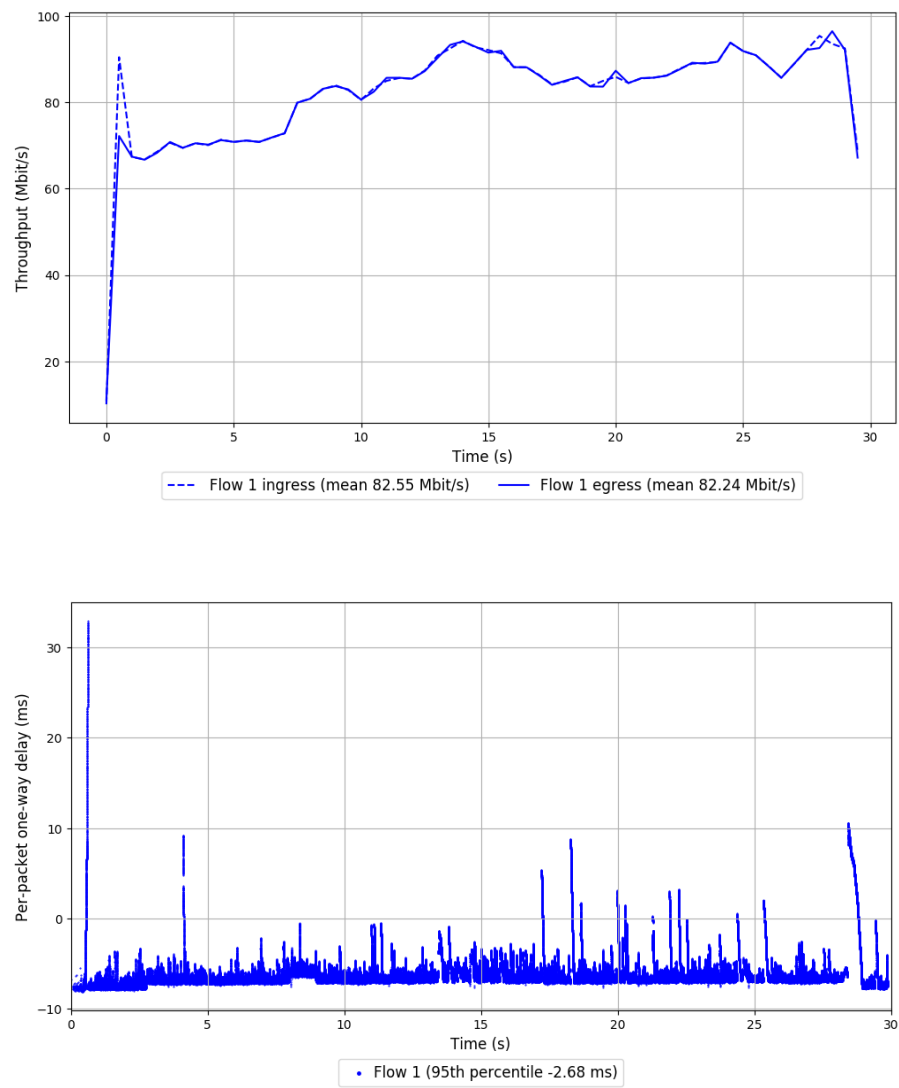


Run 10: Statistics of PCC

Start at: 2017-08-29 15:02:49  
End at: 2017-08-29 15:03:19  
Local clock offset: 0.066 ms  
Remote clock offset: -31.317 ms

# Below is generated by plot.py at 2017-08-29 15:57:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 82.24 Mbit/s  
95th percentile per-packet one-way delay: -2.684 ms  
Loss rate: 0.38%  
-- Flow 1:  
Average throughput: 82.24 Mbit/s  
95th percentile per-packet one-way delay: -2.684 ms  
Loss rate: 0.38%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-08-29 11:04:45

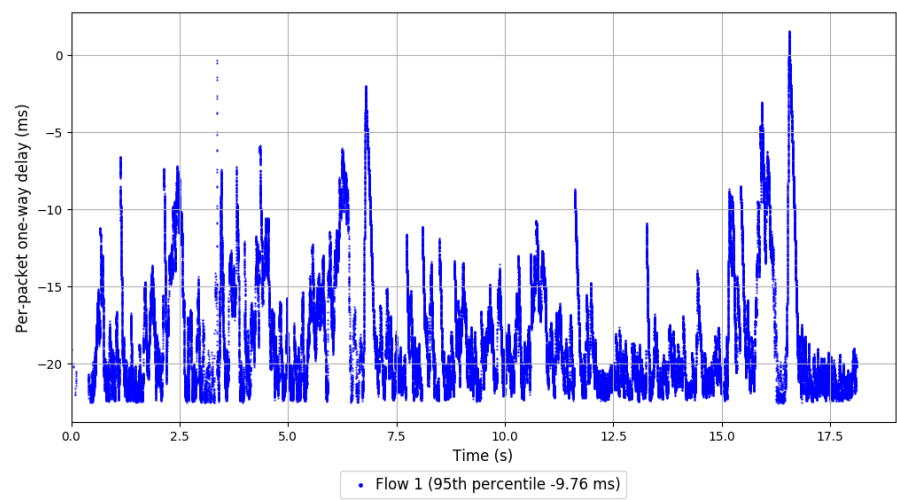
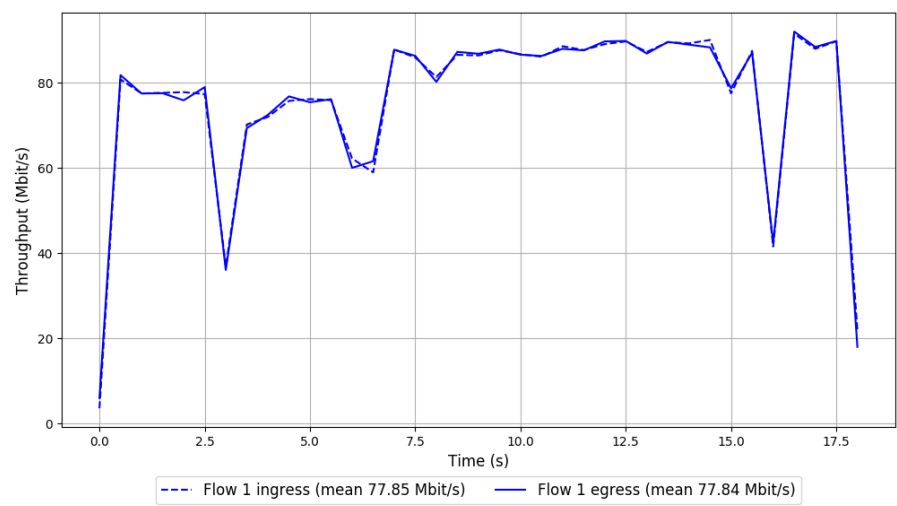
End at: 2017-08-29 11:05:15

Local clock offset: 3.293 ms

Remote clock offset: -43.374 ms



Run 1: Report of QUIC Cubic — Data Link

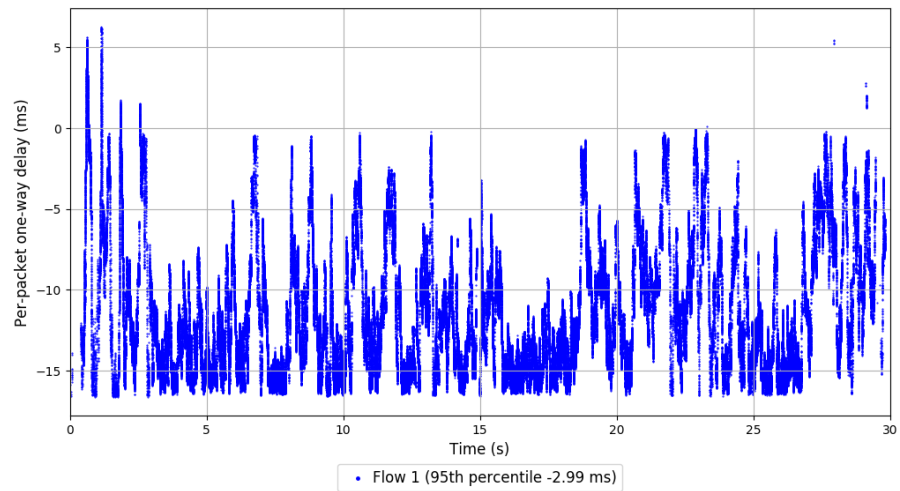
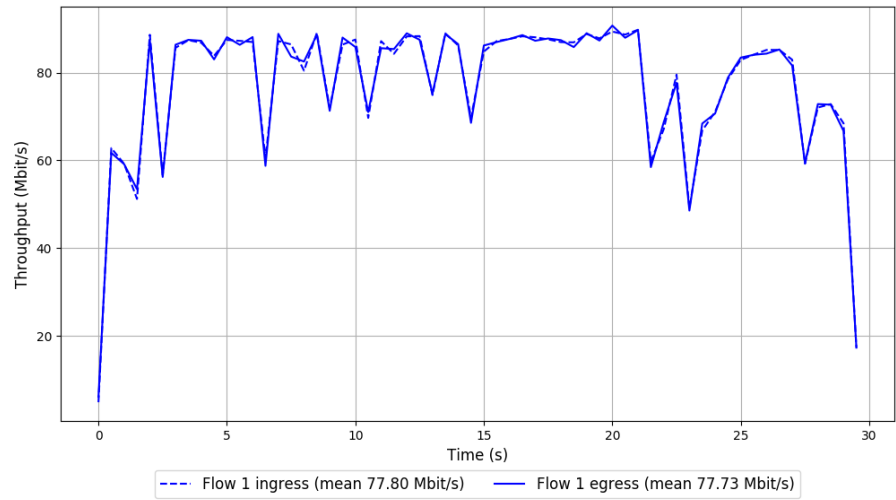


Run 2: Statistics of QUIC Cubic

Start at: 2017-08-29 11:33:07  
End at: 2017-08-29 11:33:37  
Local clock offset: 4.009 ms  
Remote clock offset: -34.986 ms

# Below is generated by plot.py at 2017-08-29 15:58:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.73 Mbit/s  
95th percentile per-packet one-way delay: -2.987 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 77.73 Mbit/s  
95th percentile per-packet one-way delay: -2.987 ms  
Loss rate: 0.06%

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



Run 3: Statistics of QUIC Cubic

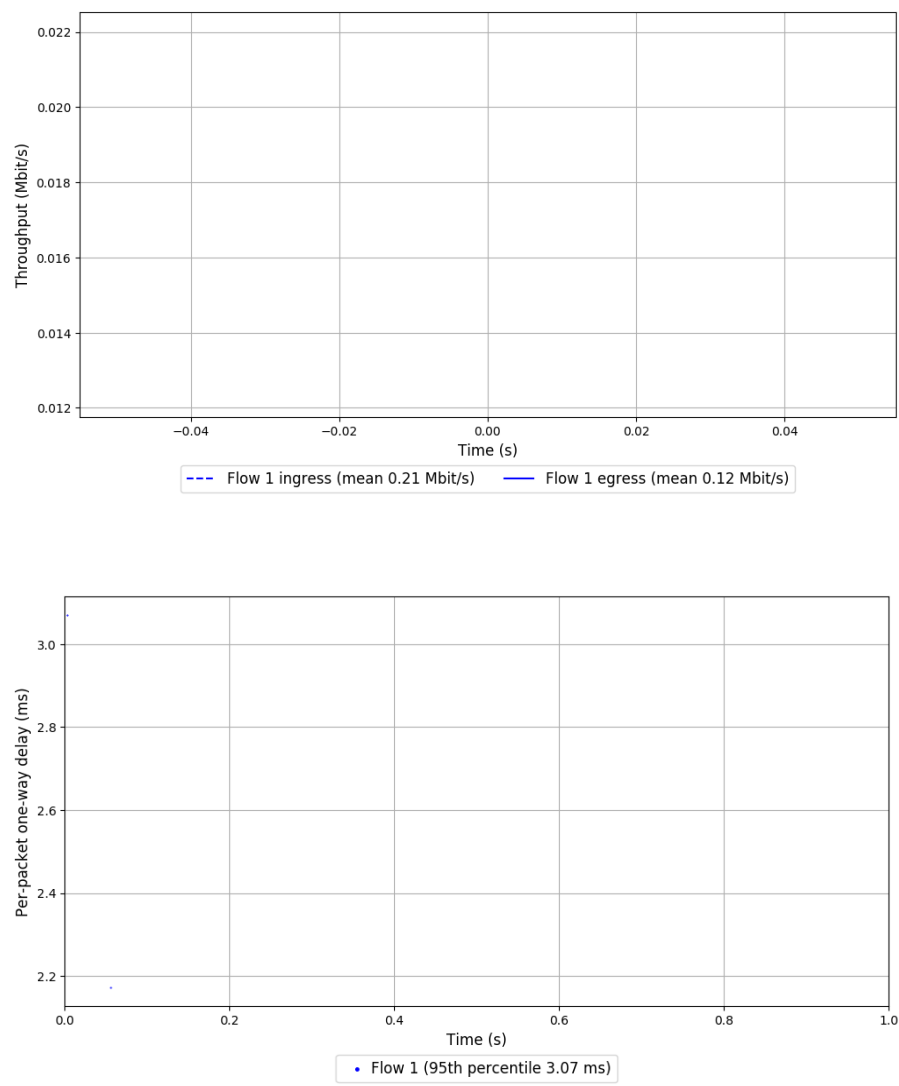
Start at: 2017-08-29 12:15:43

End at: 2017-08-29 12:16:13

Local clock offset: 5.27 ms

Remote clock offset: -34.75 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

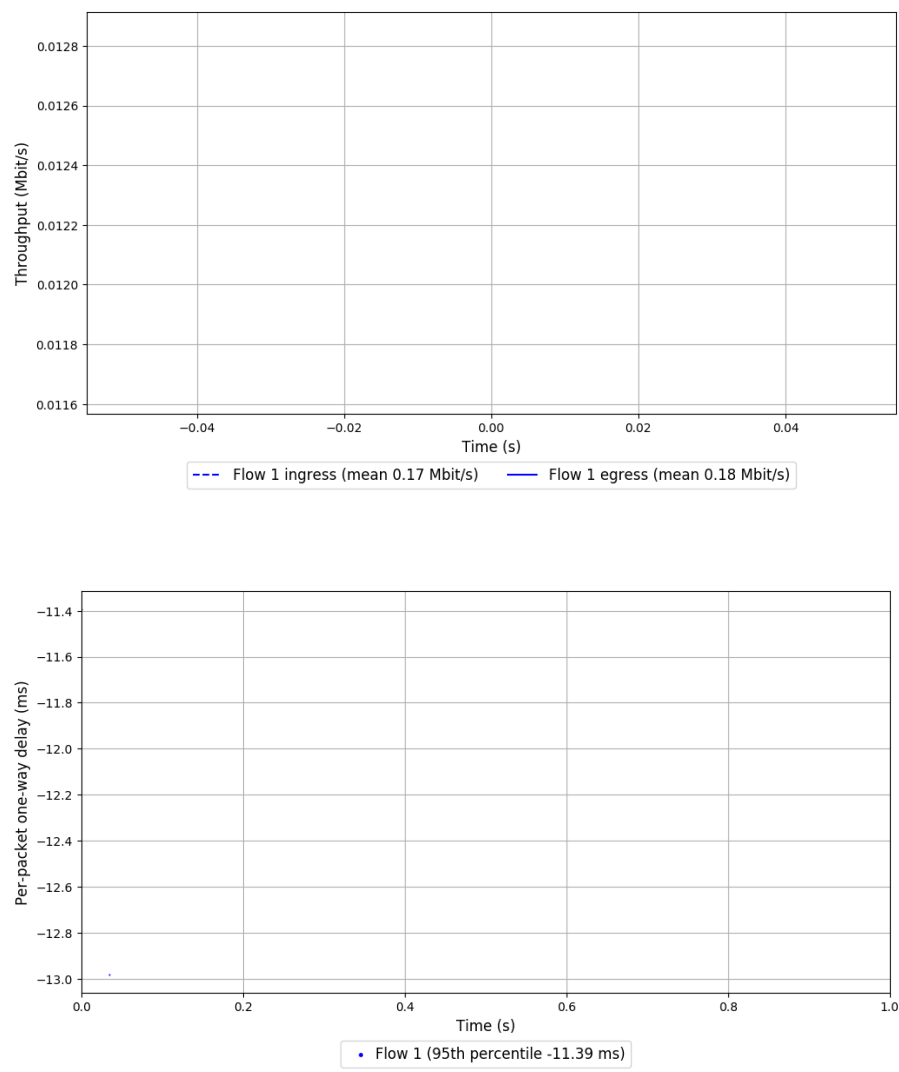
Start at: 2017-08-29 12:33:38

End at: 2017-08-29 12:34:08

Local clock offset: 2.448 ms

Remote clock offset: -34.914 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-08-29 12:52:03

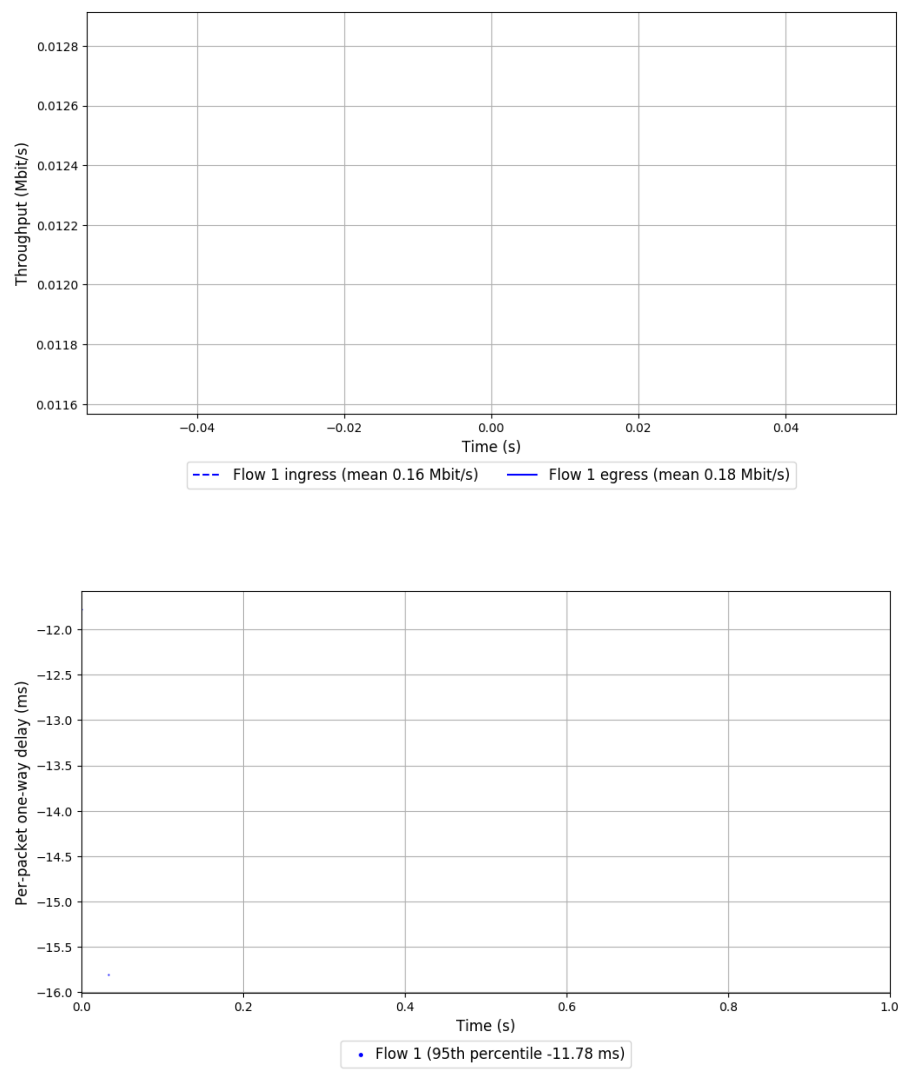
End at: 2017-08-29 12:52:33

Local clock offset: 3.325 ms

Remote clock offset: -35.314 ms



Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

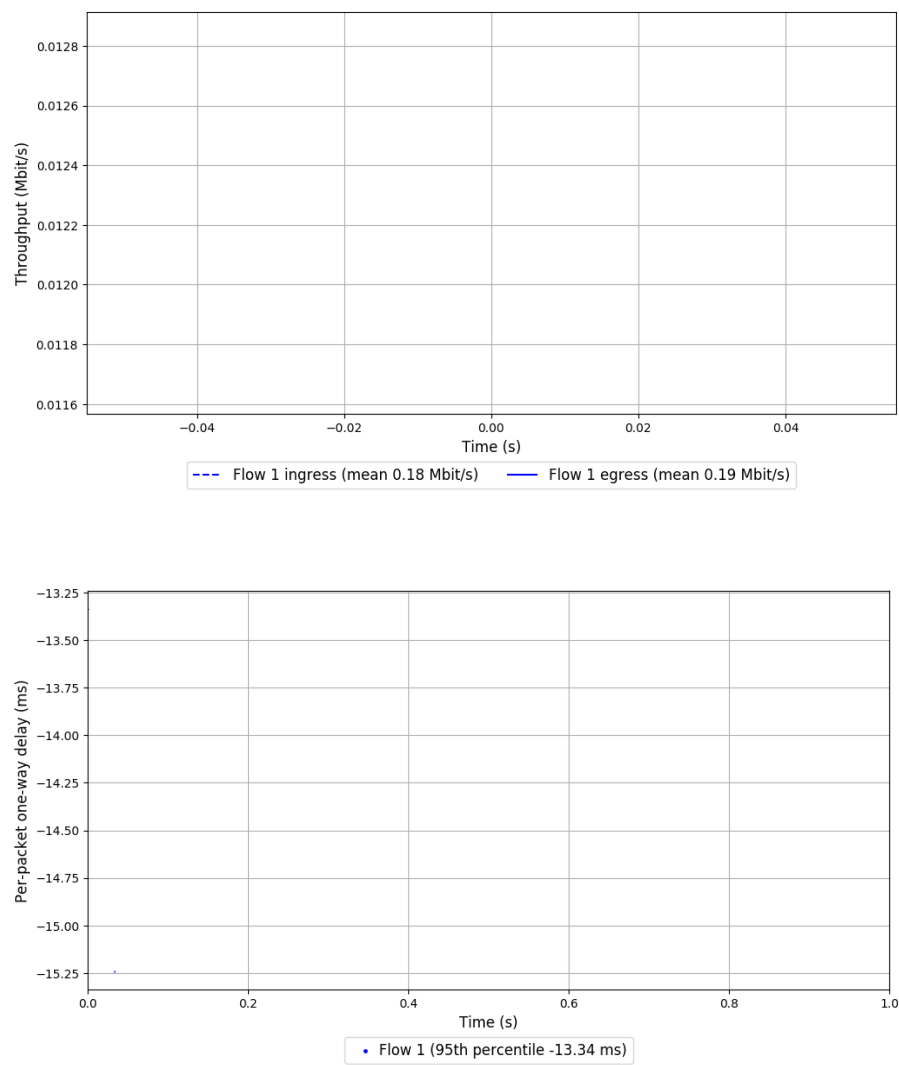
Start at: 2017-08-29 13:12:43

End at: 2017-08-29 13:13:13

Local clock offset: 4.875 ms

Remote clock offset: -32.583 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

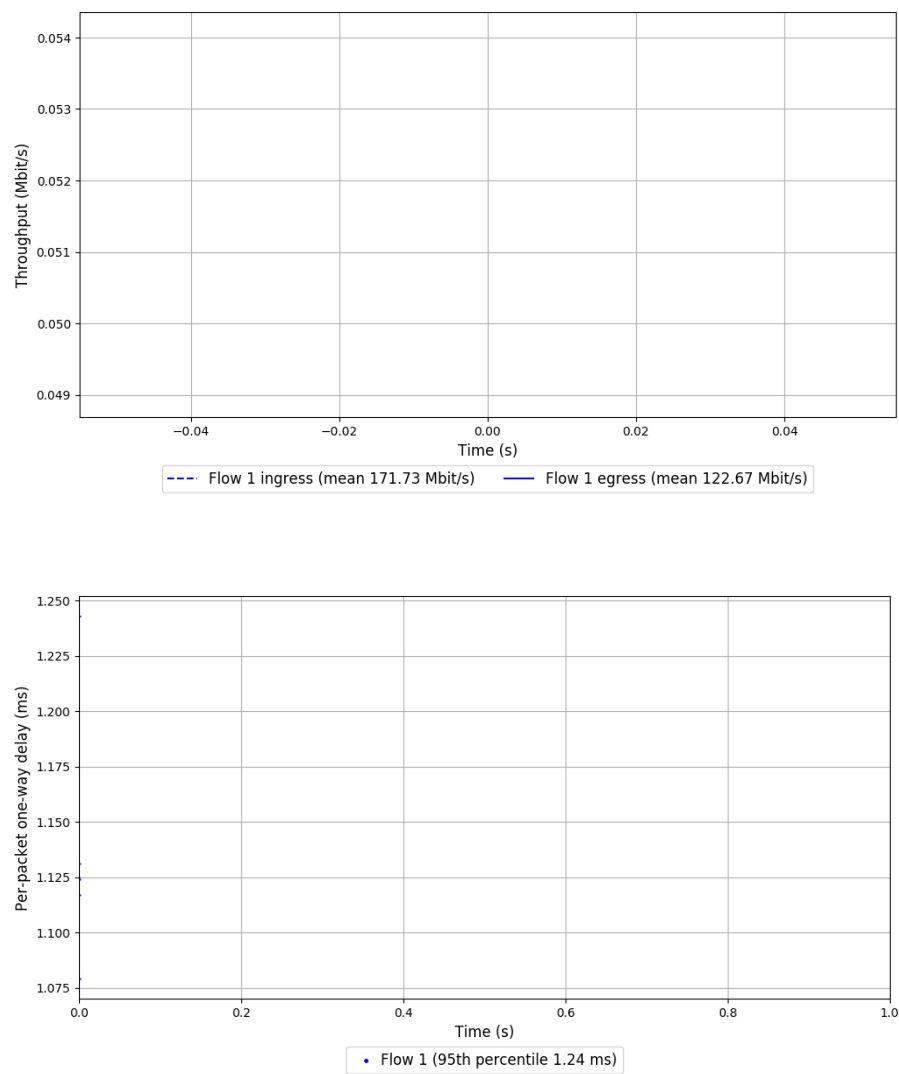
Start at: 2017-08-29 13:34:12

End at: 2017-08-29 13:34:42

Local clock offset: 1.46 ms

Remote clock offset: -32.384 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

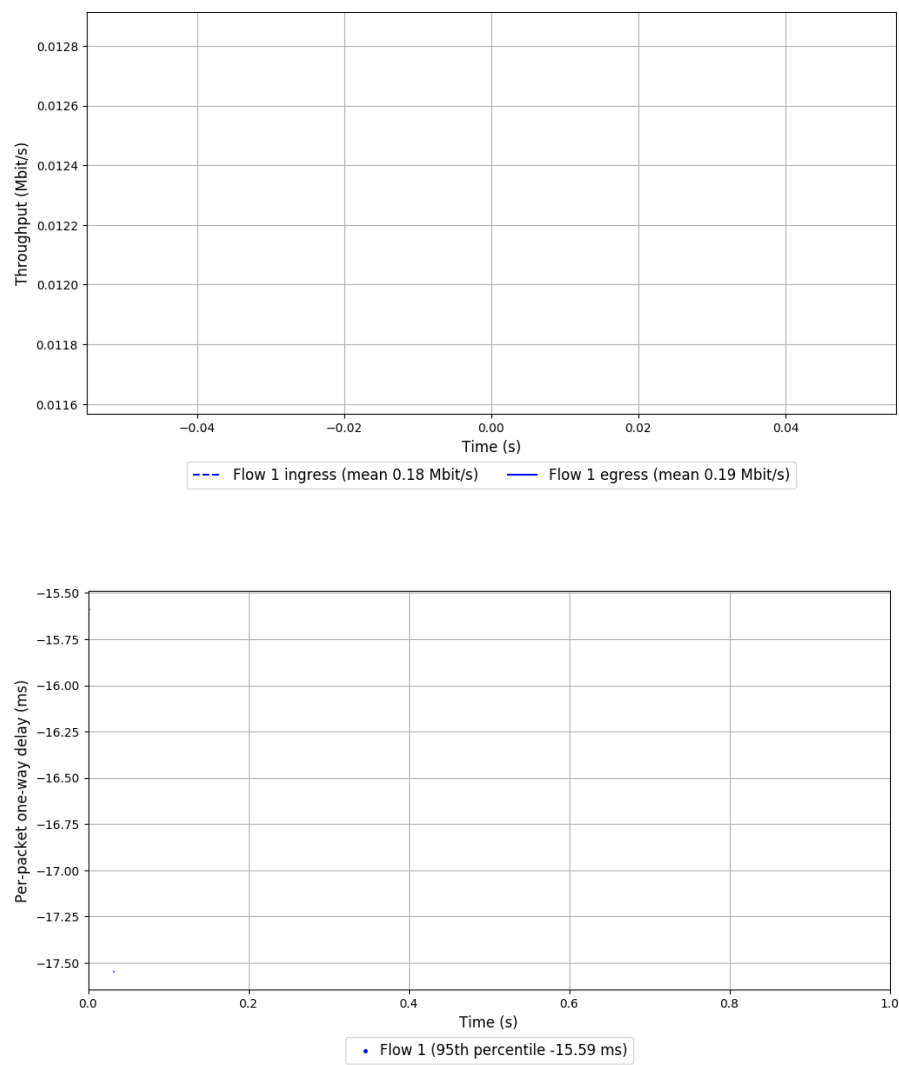
Start at: 2017-08-29 13:53:47

End at: 2017-08-29 13:54:17

Local clock offset: 6.094 ms

Remote clock offset: -33.031 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-08-29 14:13:26

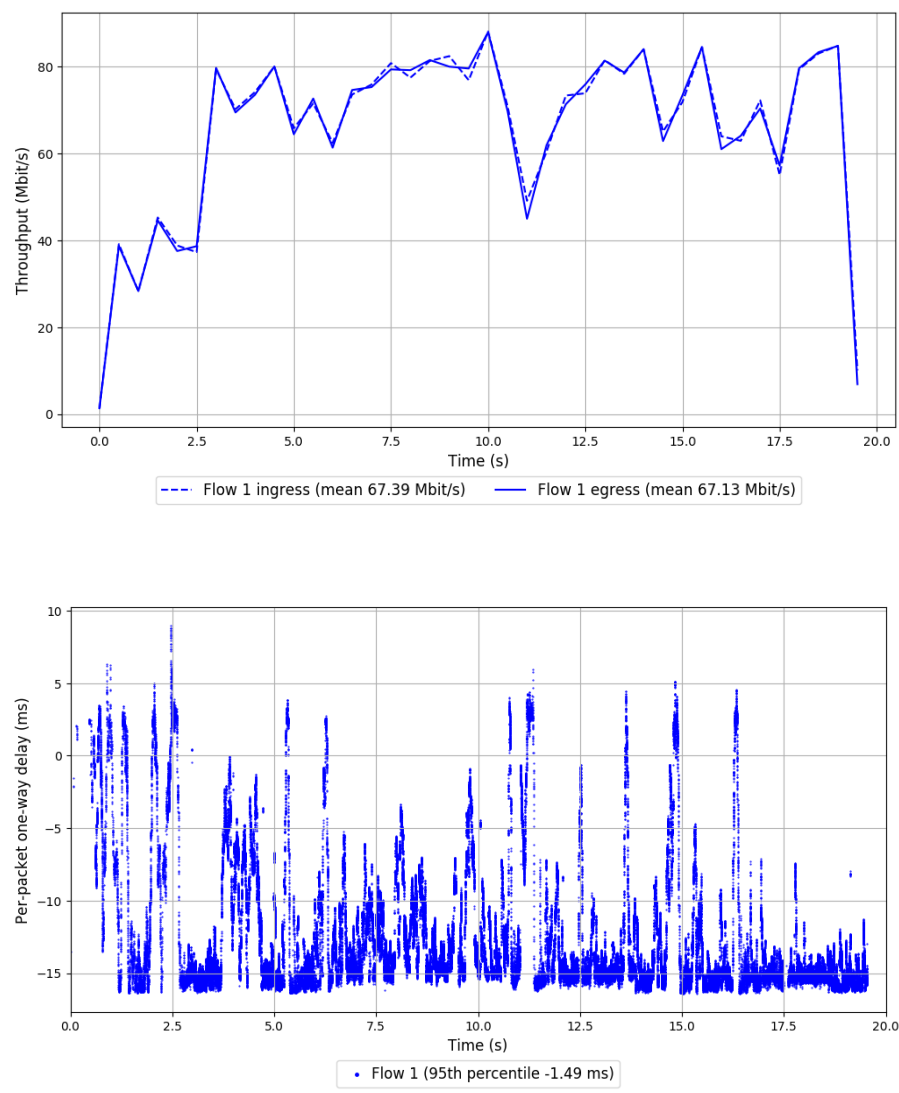
End at: 2017-08-29 14:13:56

Local clock offset: 5.807 ms

Remote clock offset: -34.6 ms



Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-08-29 14:49:05

End at: 2017-08-29 14:49:35

Local clock offset: 2.81 ms

Remote clock offset: -34.587 ms

# Below is generated by plot.py at 2017-08-29 15:58:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.57 Mbit/s

95th percentile per-packet one-way delay: -1.055 ms

Loss rate: 0.16%

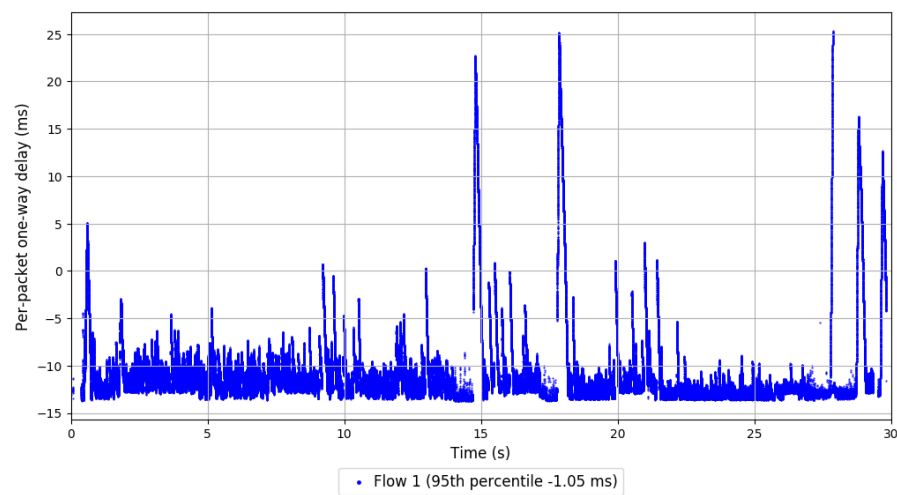
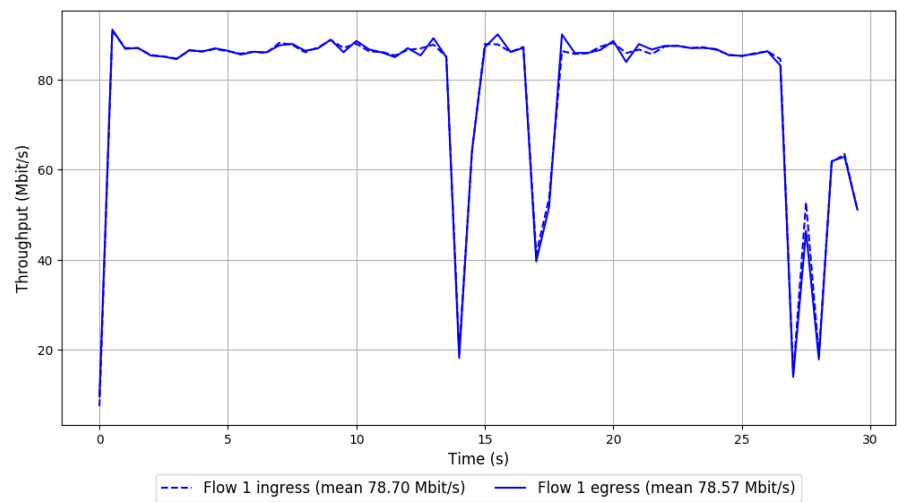
-- Flow 1:

Average throughput: 78.57 Mbit/s

95th percentile per-packet one-way delay: -1.055 ms

Loss rate: 0.16%

Run 10: Report of QUIC Cubic — Data Link

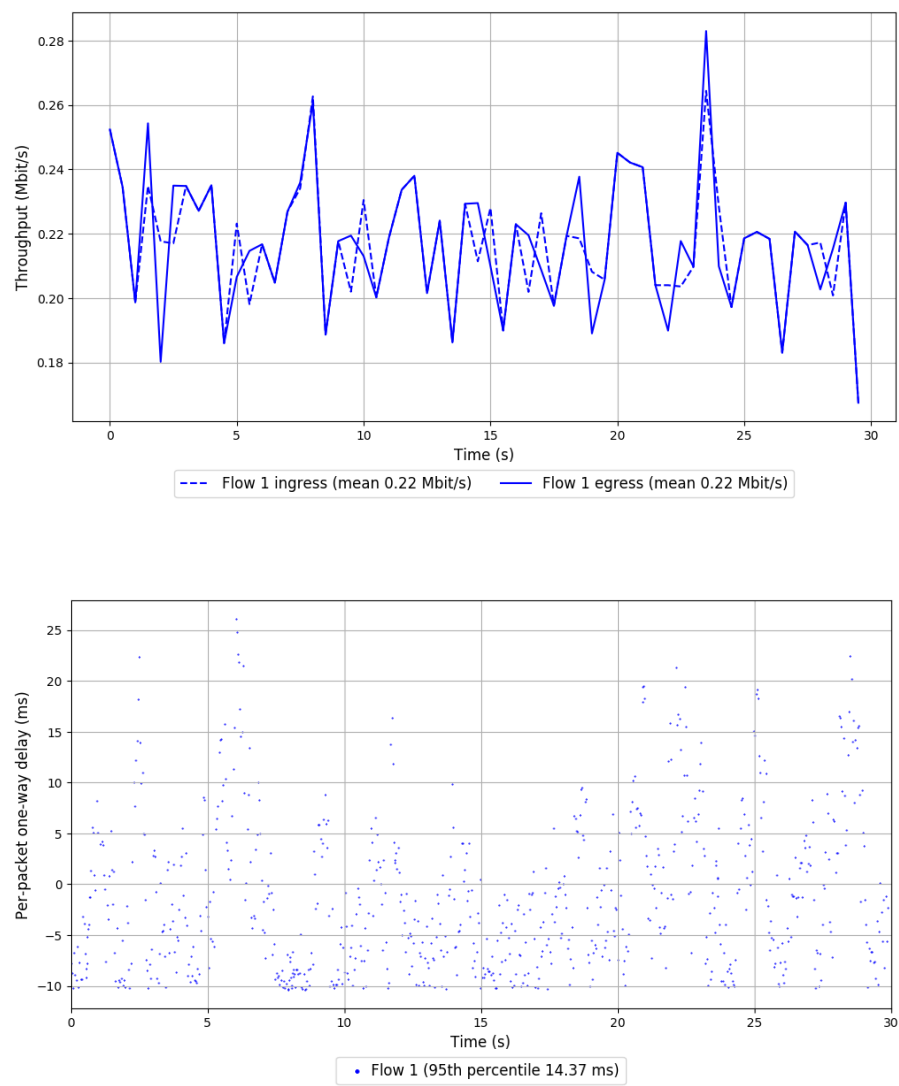


```
Run 1: Statistics of SCReAM

Start at: 2017-08-29 11:14:24
End at: 2017-08-29 11:14:54
Local clock offset: 0.152 ms
Remote clock offset: -33.178 ms

# Below is generated by plot.py at 2017-08-29 15:58:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.367 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.367 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

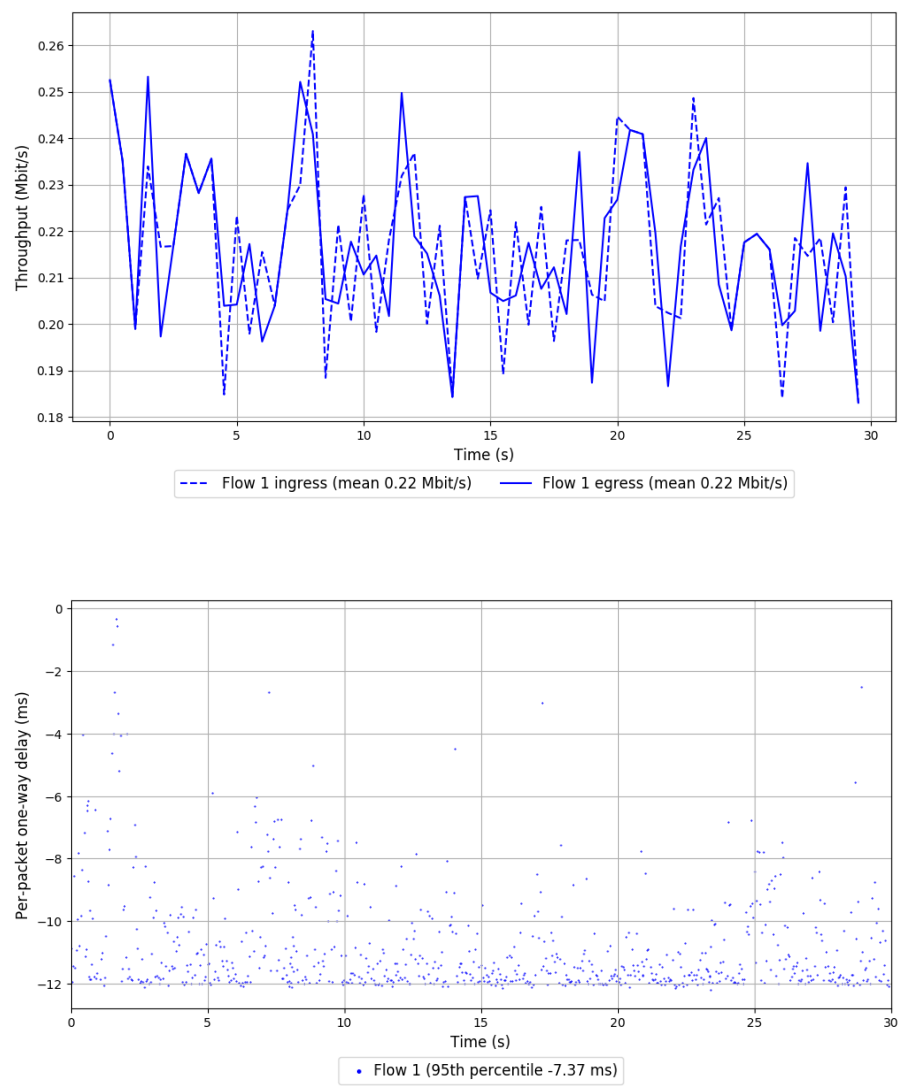


Run 2: Statistics of SCReAM

Start at: 2017-08-29 11:52:48  
End at: 2017-08-29 11:53:19  
Local clock offset: -1.217 ms  
Remote clock offset: -34.964 ms

# Below is generated by plot.py at 2017-08-29 15:58:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -7.367 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -7.367 ms  
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



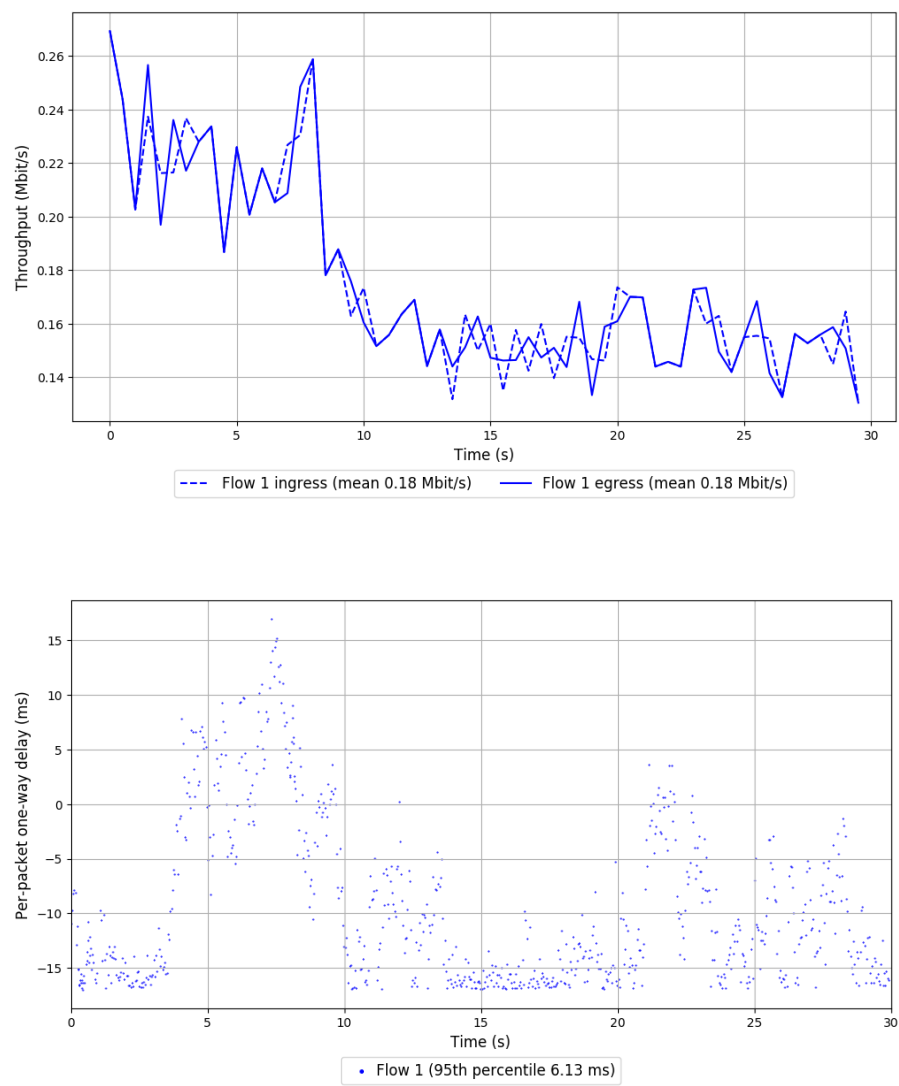
Run 3: Statistics of SCReAM

Start at: 2017-08-29 12:24:02  
End at: 2017-08-29 12:24:32  
Local clock offset: 2.239 ms  
Remote clock offset: -35.623 ms

# Below is generated by plot.py at 2017-08-29 15:58:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.18 Mbit/s  
95th percentile per-packet one-way delay: 6.131 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.18 Mbit/s  
95th percentile per-packet one-way delay: 6.131 ms  
Loss rate: 0.00%



Run 3: Report of SReAM — Data Link

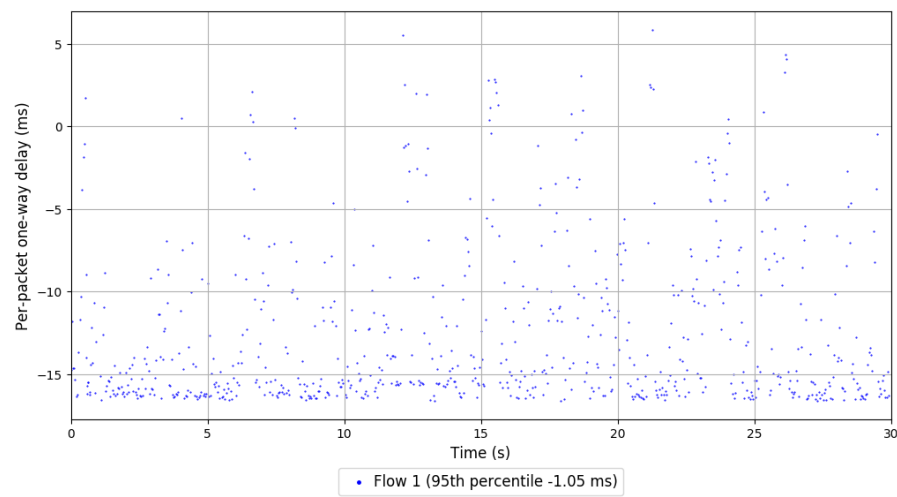
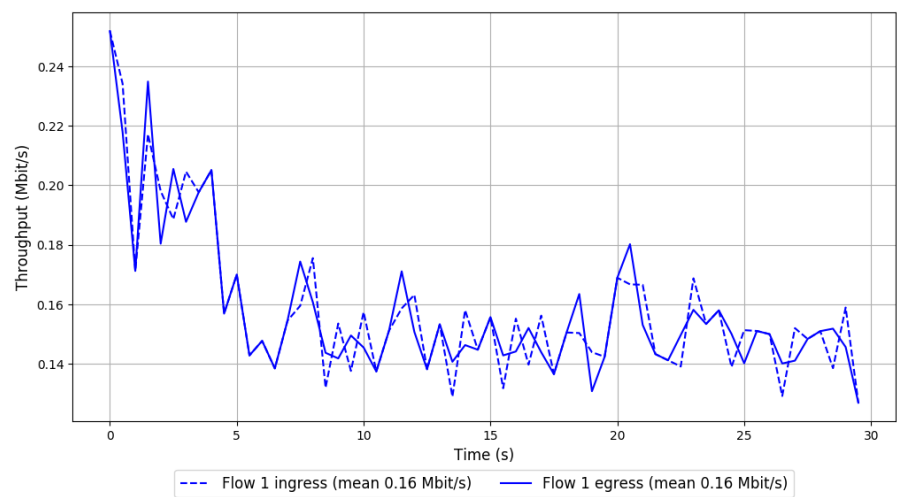


Run 4: Statistics of SCReAM

Start at: 2017-08-29 12:42:17  
End at: 2017-08-29 12:42:47  
Local clock offset: 4.562 ms  
Remote clock offset: -36.158 ms

# Below is generated by plot.py at 2017-08-29 15:58:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.16 Mbit/s  
95th percentile per-packet one-way delay: -1.046 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 0.16 Mbit/s  
95th percentile per-packet one-way delay: -1.046 ms  
Loss rate: 0.17%

Run 4: Report of SReAM — Data Link

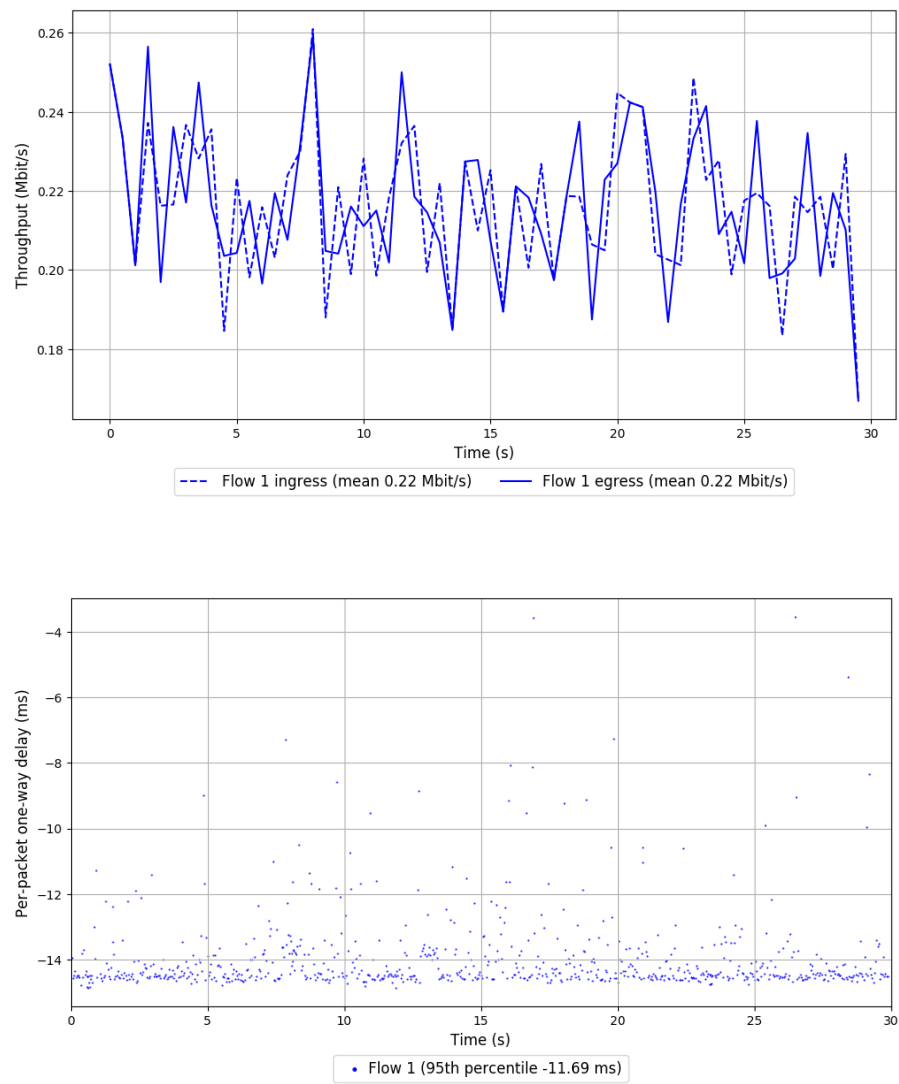


Run 5: Statistics of SCReAM

Start at: 2017-08-29 13:01:25  
End at: 2017-08-29 13:01:55  
Local clock offset: 5.464 ms  
Remote clock offset: -33.535 ms

# Below is generated by plot.py at 2017-08-29 15:58:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -11.685 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -11.685 ms  
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

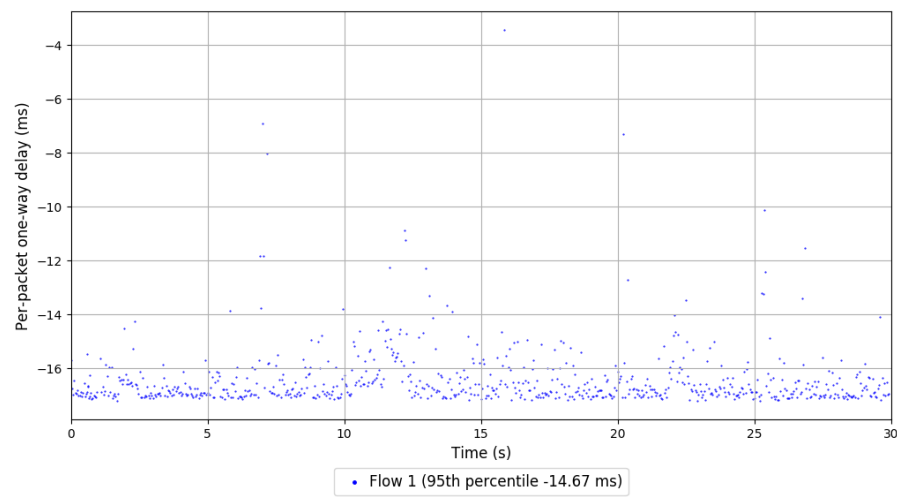
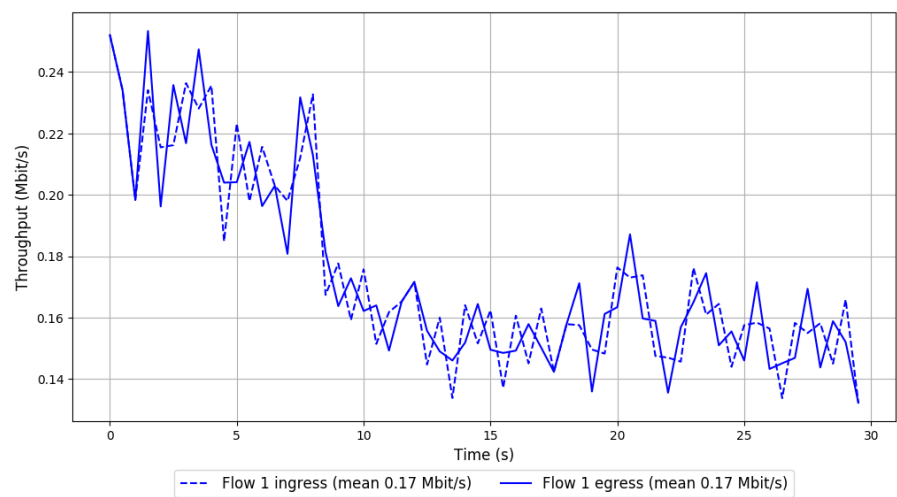


Run 6: Statistics of SCReAM

Start at: 2017-08-29 13:22:51  
End at: 2017-08-29 13:23:21  
Local clock offset: 5.406 ms  
Remote clock offset: -32.672 ms

# Below is generated by plot.py at 2017-08-29 15:58:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.17 Mbit/s  
95th percentile per-packet one-way delay: -14.670 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 0.17 Mbit/s  
95th percentile per-packet one-way delay: -14.670 ms  
Loss rate: 0.16%

Run 6: Report of SReAM — Data Link



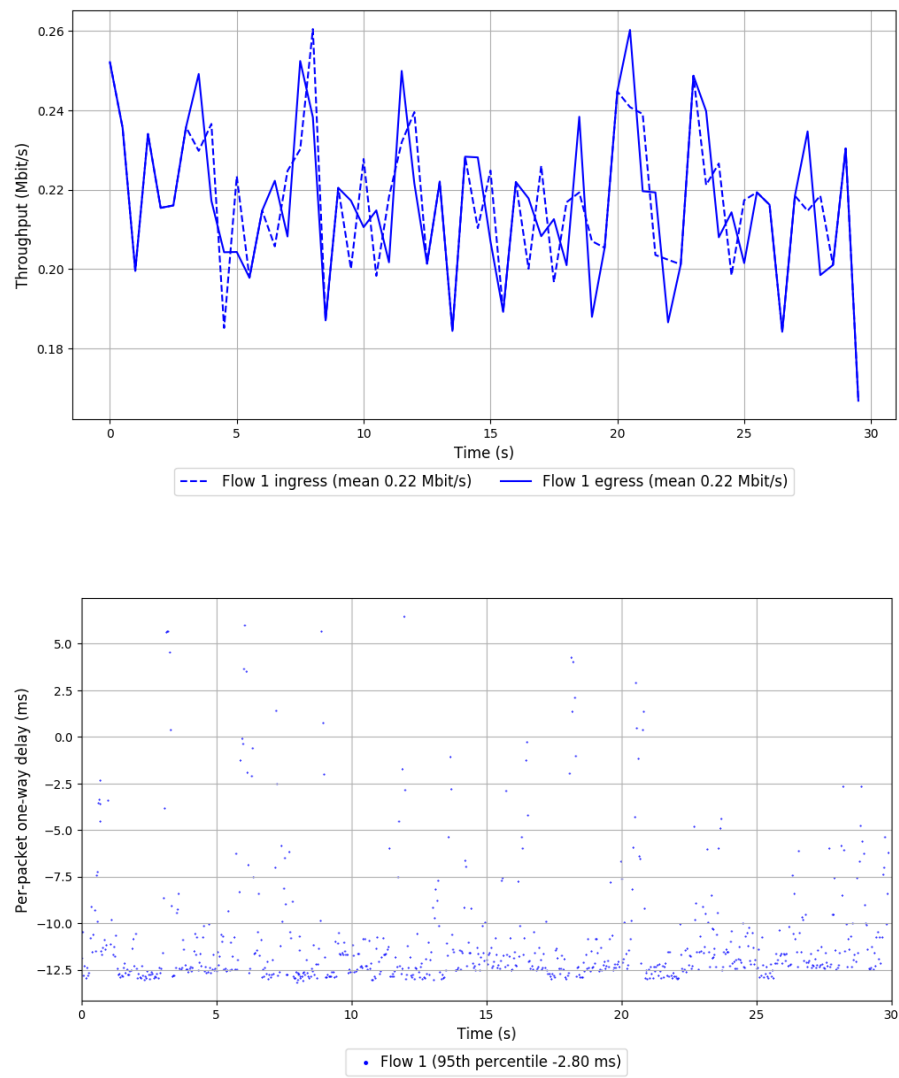
Run 7: Statistics of SCReAM

Start at: 2017-08-29 13:43:10  
End at: 2017-08-29 13:43:40  
Local clock offset: 2.305 ms  
Remote clock offset: -31.632 ms

# Below is generated by plot.py at 2017-08-29 15:58:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -2.798 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -2.798 ms  
Loss rate: 0.00%



Run 7: Report of SReAM — Data Link

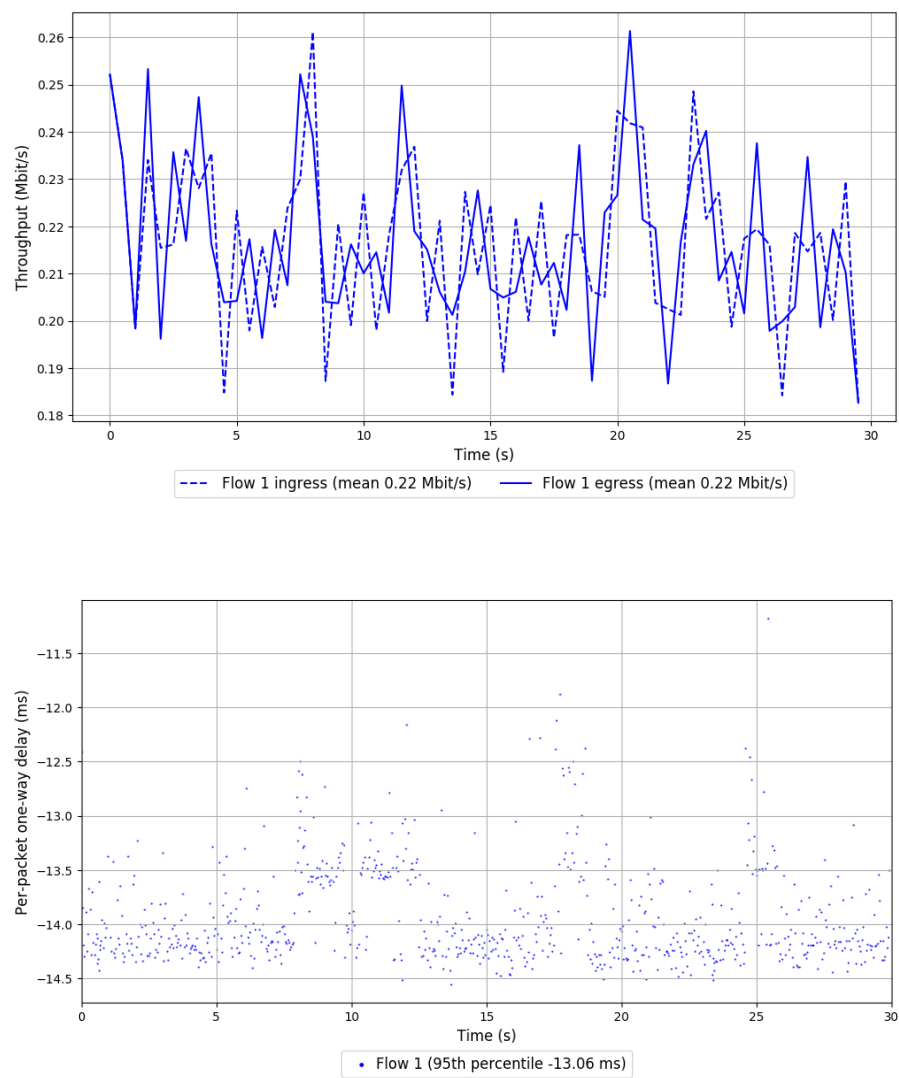


Run 8: Statistics of SCReAM

Start at: 2017-08-29 14:02:29  
End at: 2017-08-29 14:02:59  
Local clock offset: 3.706 ms  
Remote clock offset: -32.633 ms

# Below is generated by plot.py at 2017-08-29 15:58:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -13.065 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -13.065 ms  
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

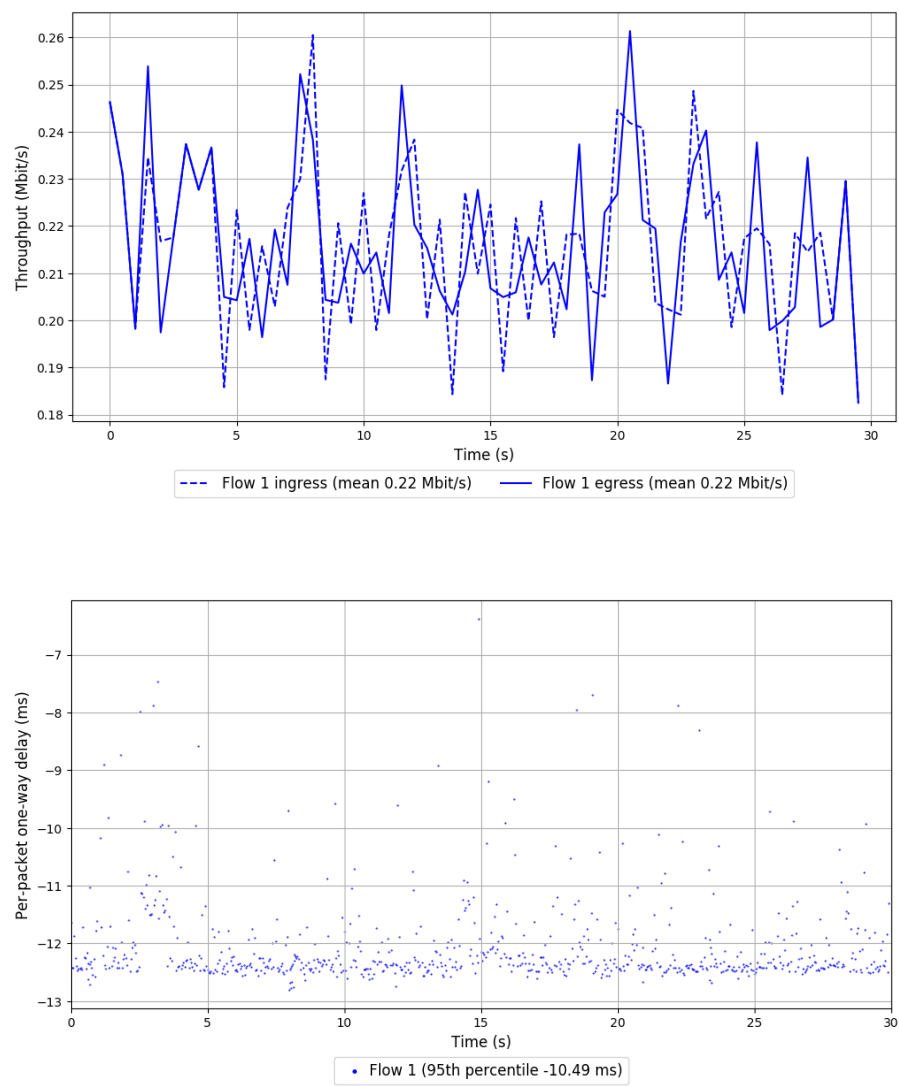


Run 9: Statistics of SCReAM

Start at: 2017-08-29 14:23:11  
End at: 2017-08-29 14:23:41  
Local clock offset: 4.988 ms  
Remote clock offset: -31.749 ms

# Below is generated by plot.py at 2017-08-29 15:58:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -10.491 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -10.491 ms  
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

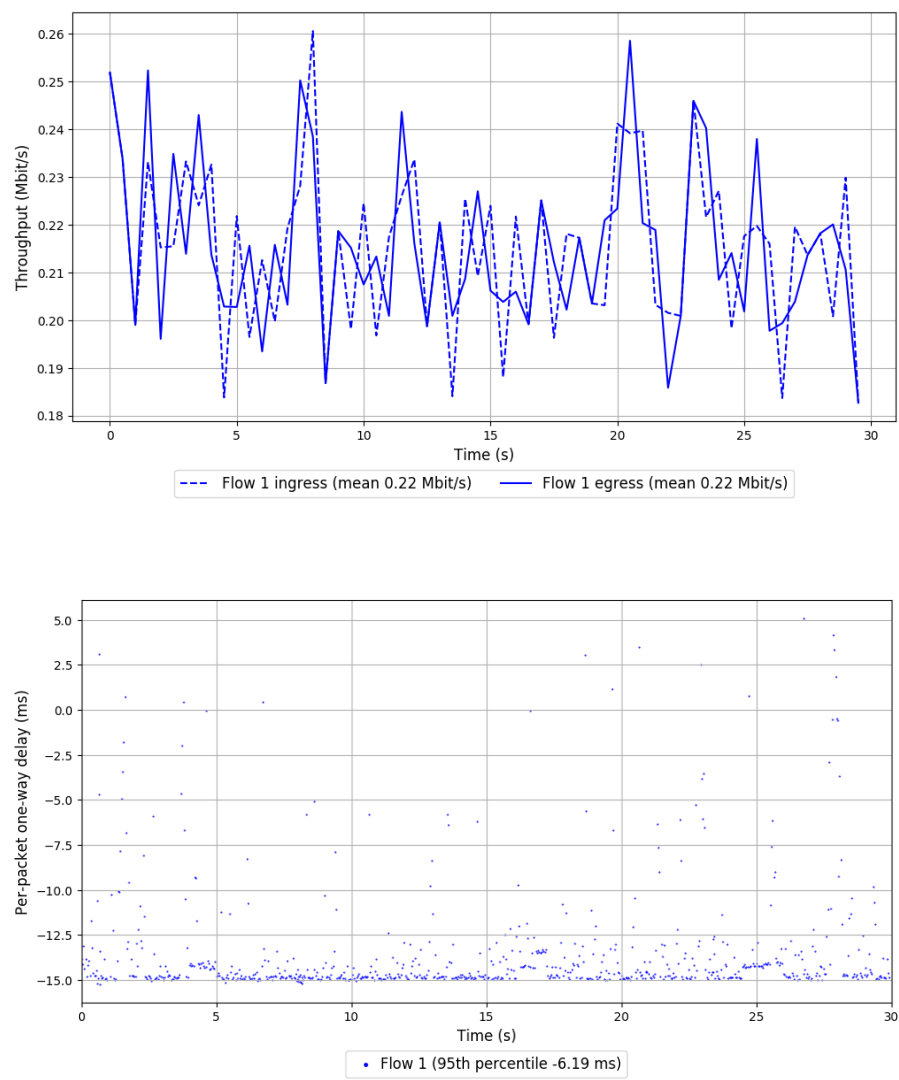


Run 10: Statistics of SReAM

Start at: 2017-08-29 15:05:45  
End at: 2017-08-29 15:06:15  
Local clock offset: 5.979 ms  
Remote clock offset: -32.554 ms

# Below is generated by plot.py at 2017-08-29 15:58:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -6.189 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -6.189 ms  
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



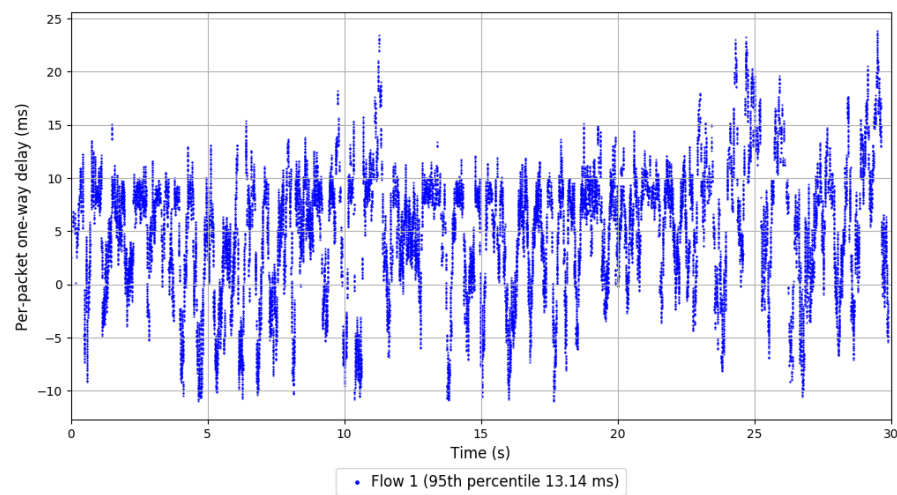
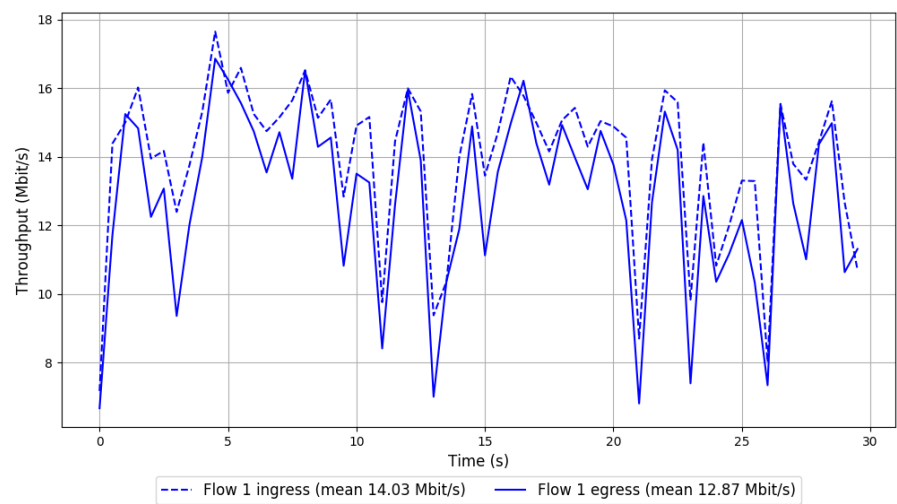
Run 1: Statistics of Sprout

Start at: 2017-08-29 11:13:00  
End at: 2017-08-29 11:13:30  
Local clock offset: 3.328 ms  
Remote clock offset: -32.197 ms

# Below is generated by plot.py at 2017-08-29 15:58:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.87 Mbit/s  
95th percentile per-packet one-way delay: 13.143 ms  
Loss rate: 8.31%  
-- Flow 1:  
Average throughput: 12.87 Mbit/s  
95th percentile per-packet one-way delay: 13.143 ms  
Loss rate: 8.31%



Run 1: Report of Sprout — Data Link

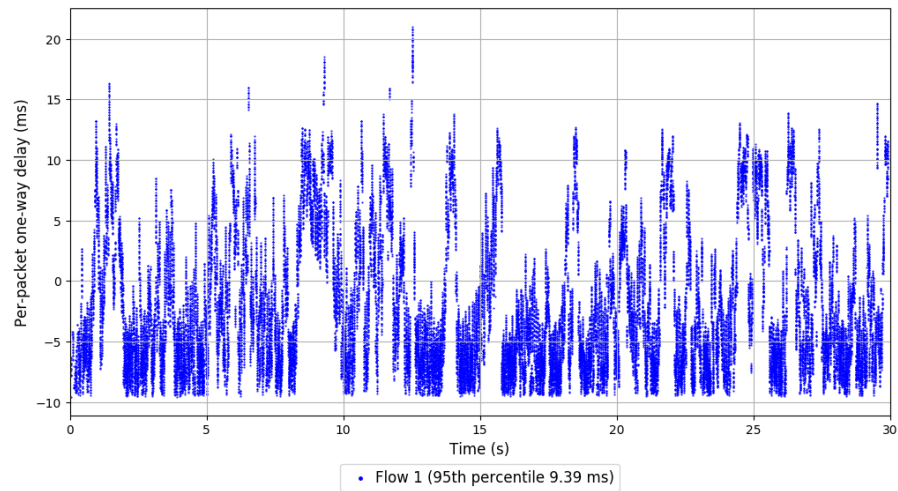
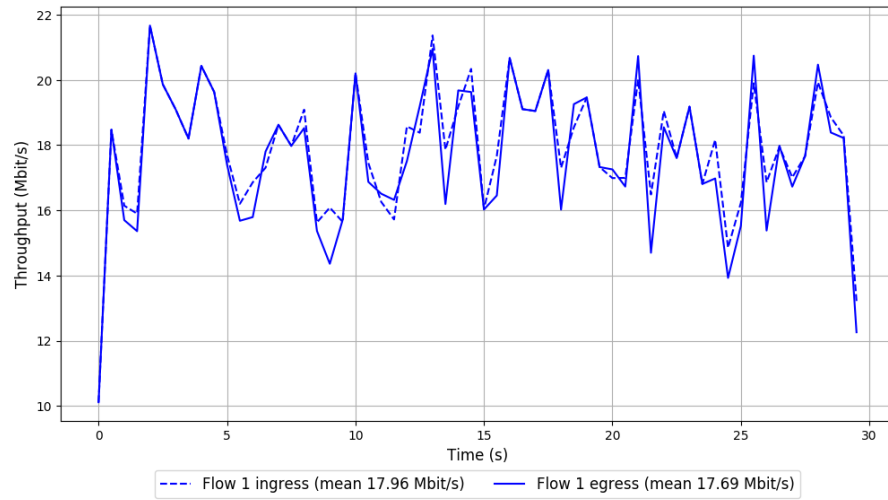


Run 2: Statistics of Sprout

Start at: 2017-08-29 11:50:51  
End at: 2017-08-29 11:51:21  
Local clock offset: -0.677 ms  
Remote clock offset: -34.054 ms

# Below is generated by plot.py at 2017-08-29 15:58:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 17.69 Mbit/s  
95th percentile per-packet one-way delay: 9.393 ms  
Loss rate: 1.41%  
-- Flow 1:  
Average throughput: 17.69 Mbit/s  
95th percentile per-packet one-way delay: 9.393 ms  
Loss rate: 1.41%

## Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2017-08-29 12:22:57

End at: 2017-08-29 12:23:27

Local clock offset: 4.641 ms

Remote clock offset: -36.318 ms

Run 3: Report of Sprout — Data Link

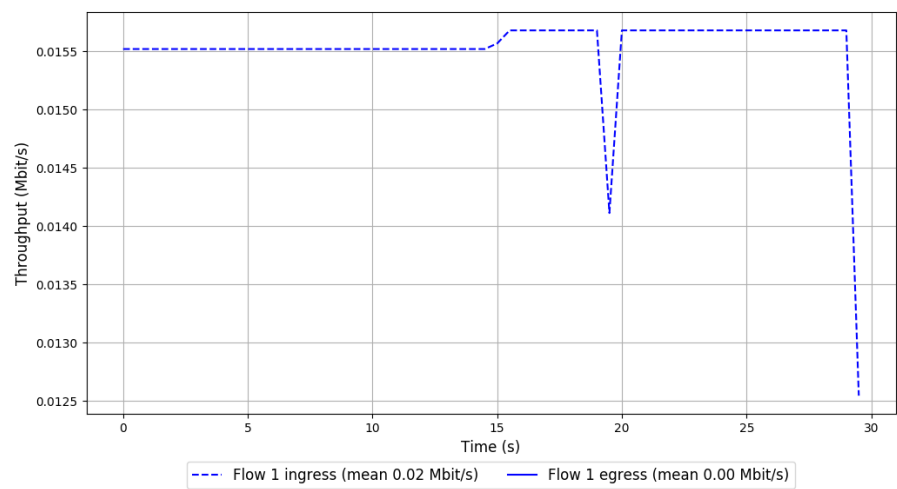


Figure is missing

Run 4: Statistics of Sprout

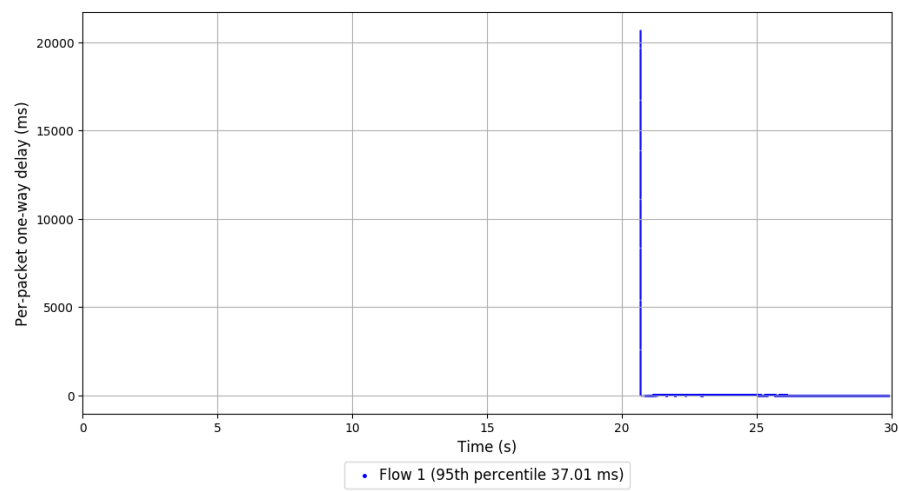
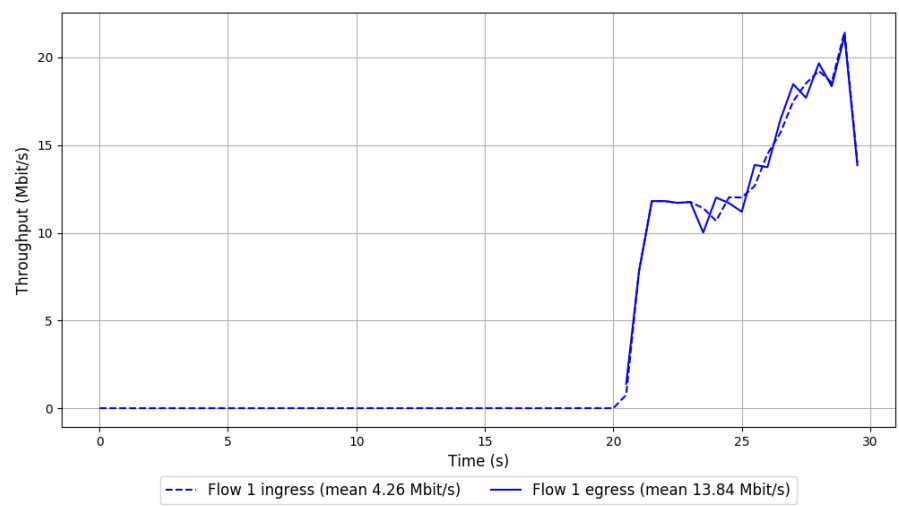
Start at: 2017-08-29 12:41:12

End at: 2017-08-29 12:41:42

Local clock offset: 2.271 ms

Remote clock offset: -34.735 ms

Run 4: Report of Sprout — Data Link



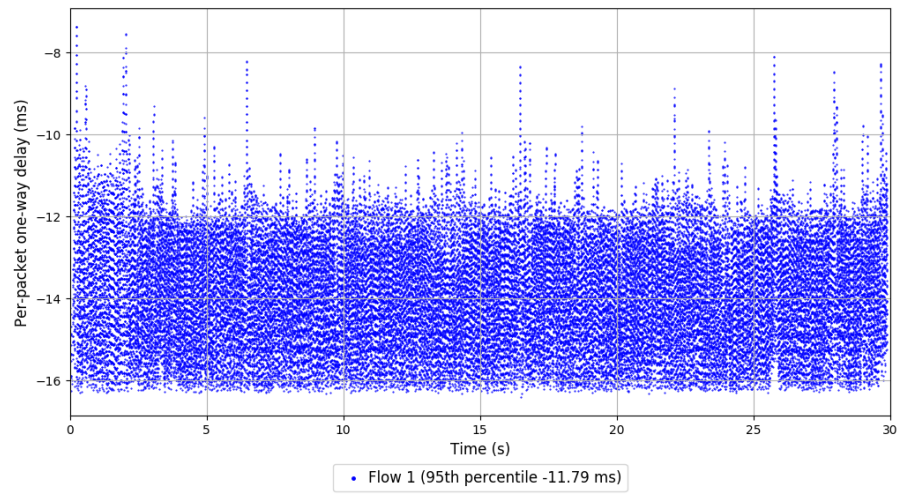
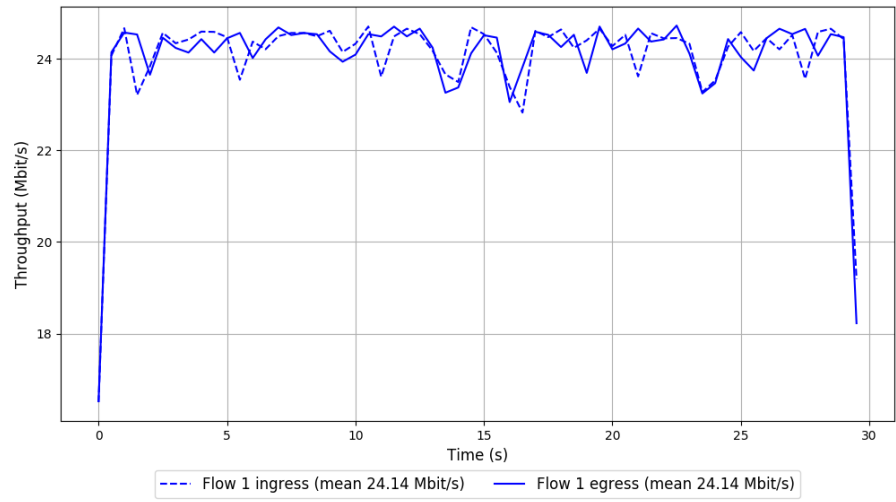
Run 5: Statistics of Sprout

Start at: 2017-08-29 13:00:16  
End at: 2017-08-29 13:00:46  
Local clock offset: 3.104 ms  
Remote clock offset: -35.148 ms

# Below is generated by plot.py at 2017-08-29 15:58:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.14 Mbit/s  
95th percentile per-packet one-way delay: -11.795 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.14 Mbit/s  
95th percentile per-packet one-way delay: -11.795 ms  
Loss rate: 0.00%



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

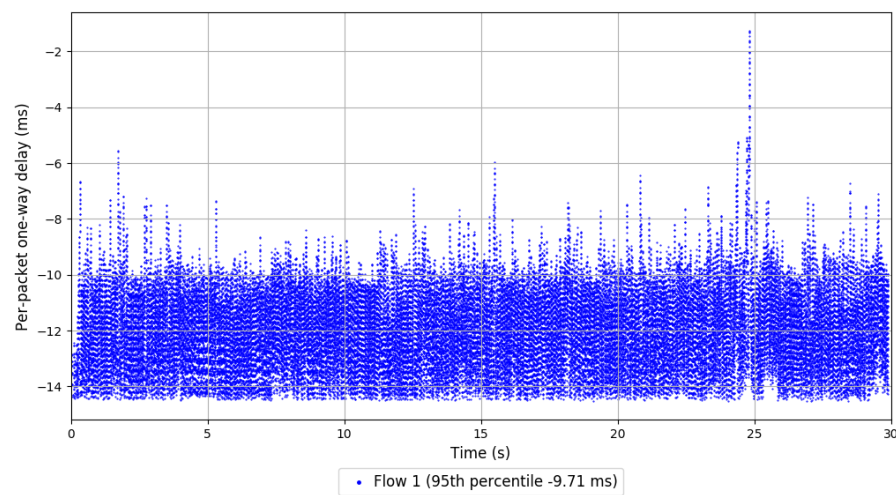
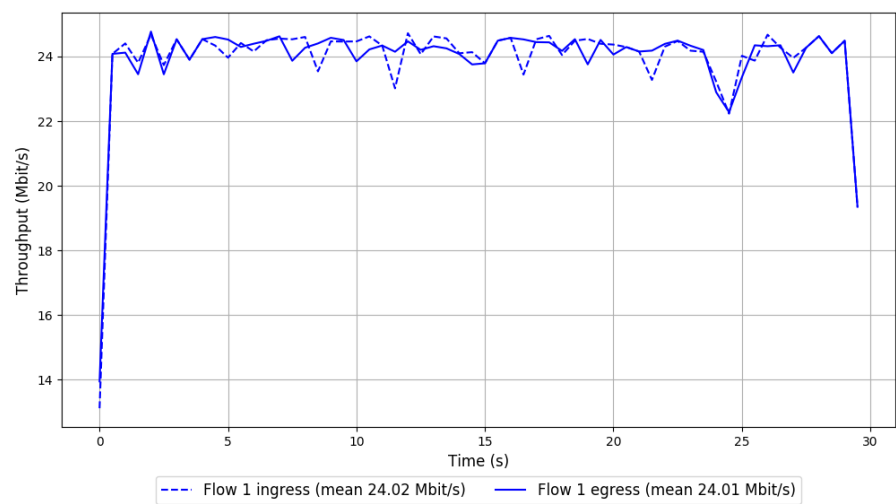


Run 6: Statistics of Sprout

Start at: 2017-08-29 13:21:39  
End at: 2017-08-29 13:22:09  
Local clock offset: 4.361 ms  
Remote clock offset: -31.976 ms

# Below is generated by plot.py at 2017-08-29 15:58:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.01 Mbit/s  
95th percentile per-packet one-way delay: -9.709 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.01 Mbit/s  
95th percentile per-packet one-way delay: -9.709 ms  
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

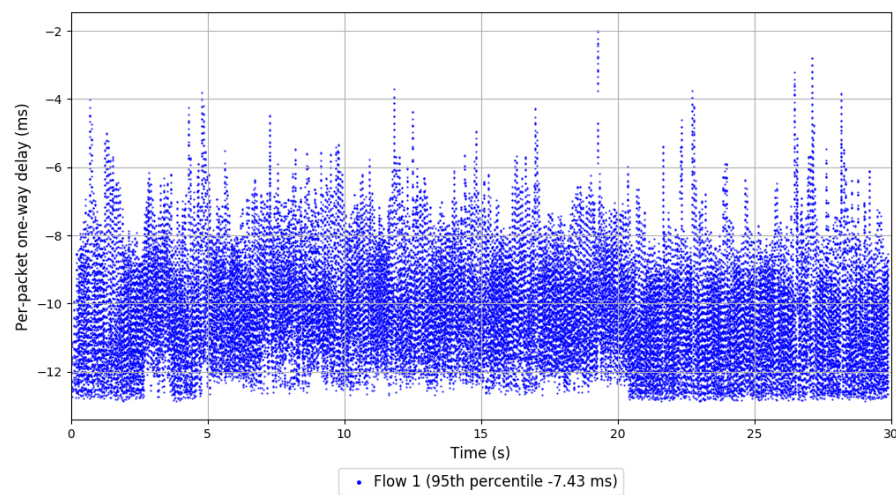
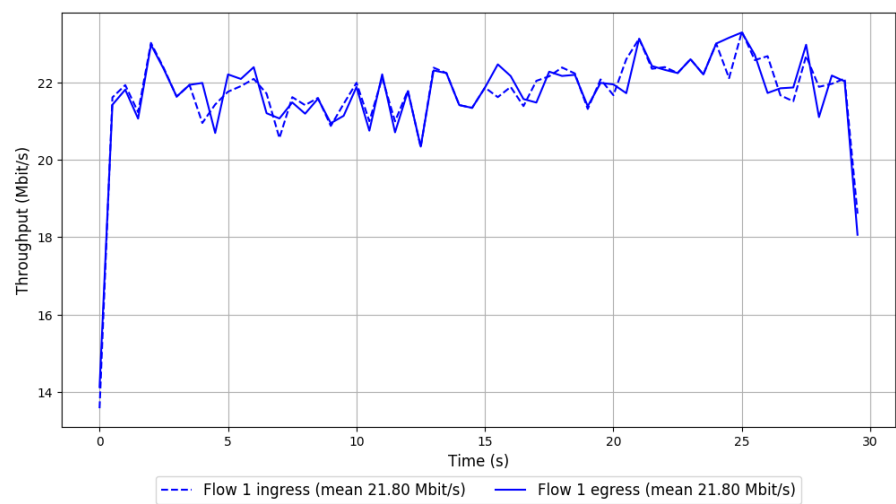


Run 7: Statistics of Sprout

Start at: 2017-08-29 13:42:00  
End at: 2017-08-29 13:42:30  
Local clock offset: 4.089 ms  
Remote clock offset: -32.843 ms

# Below is generated by plot.py at 2017-08-29 15:58:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 21.80 Mbit/s  
95th percentile per-packet one-way delay: -7.432 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 21.80 Mbit/s  
95th percentile per-packet one-way delay: -7.432 ms  
Loss rate: 0.01%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

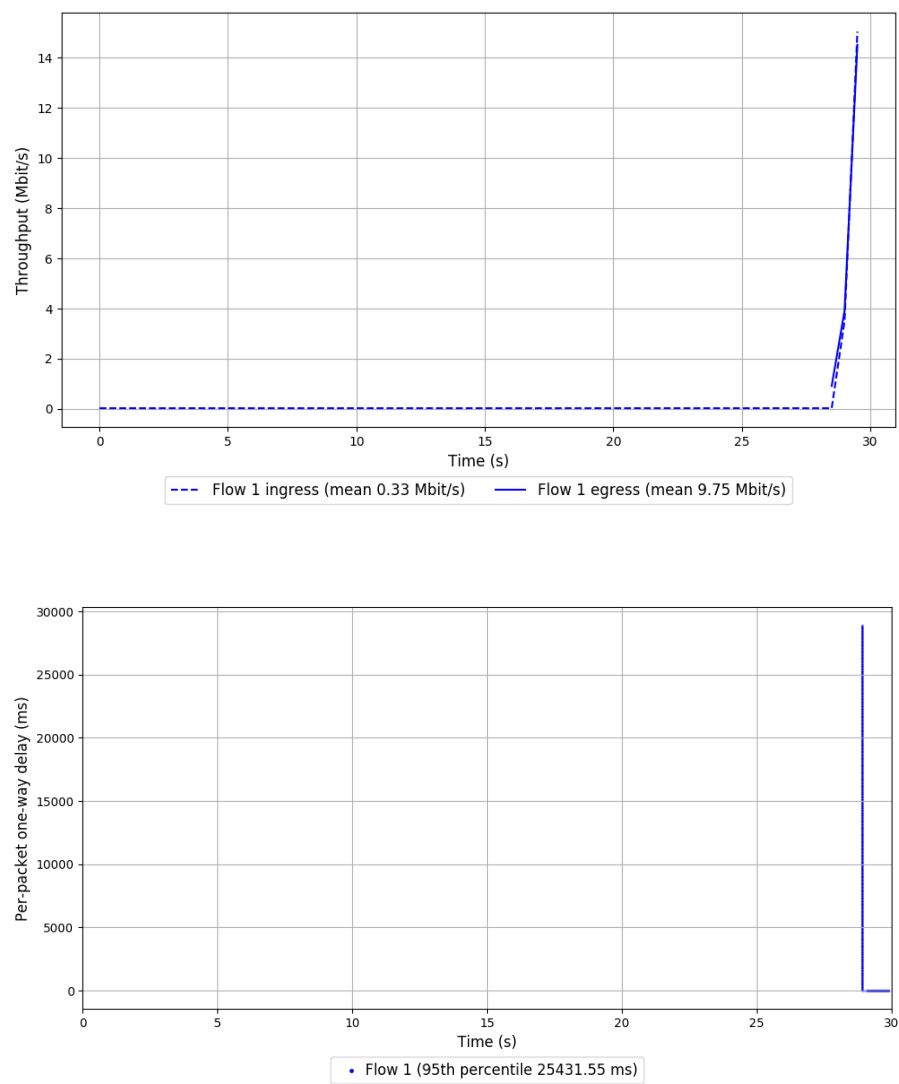
Start at: 2017-08-29 14:01:24

End at: 2017-08-29 14:01:54

Local clock offset: 5.07 ms

Remote clock offset: -31.795 ms

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-08-29 14:21:49

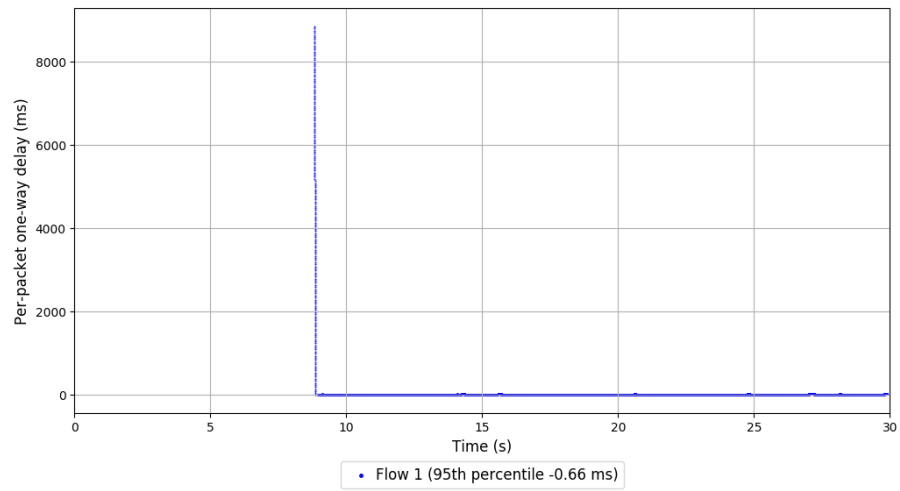
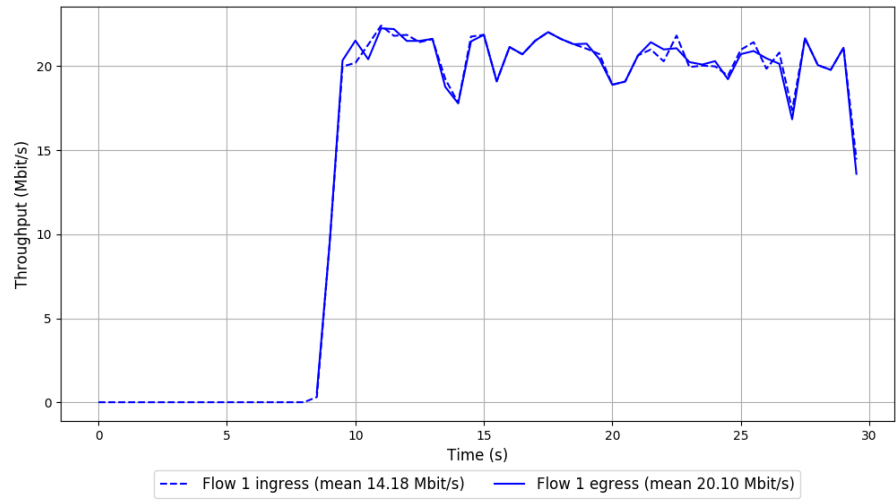
End at: 2017-08-29 14:22:19

Local clock offset: 2.511 ms

Remote clock offset: -29.235 ms



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

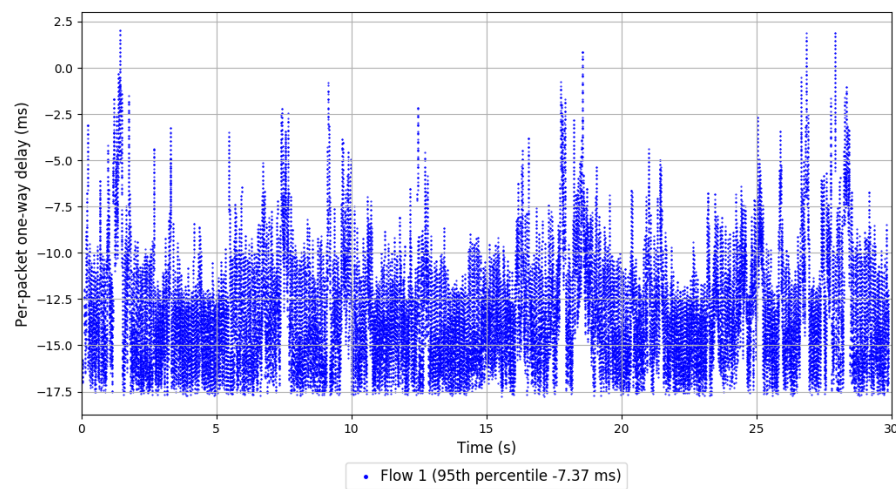
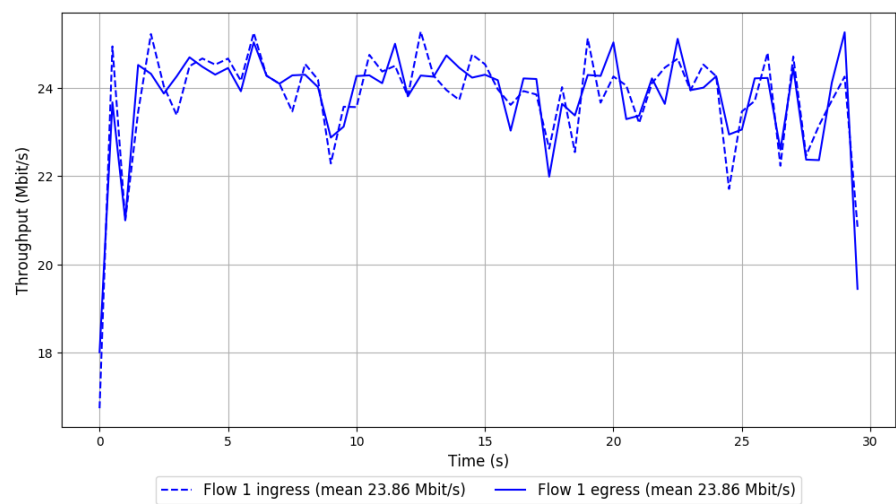


Run 10: Statistics of Sprout

Start at: 2017-08-29 15:04:10  
End at: 2017-08-29 15:04:40  
Local clock offset: 4.978 ms  
Remote clock offset: -33.054 ms

# Below is generated by plot.py at 2017-08-29 15:58:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 23.86 Mbit/s  
95th percentile per-packet one-way delay: -7.370 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 23.86 Mbit/s  
95th percentile per-packet one-way delay: -7.370 ms  
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

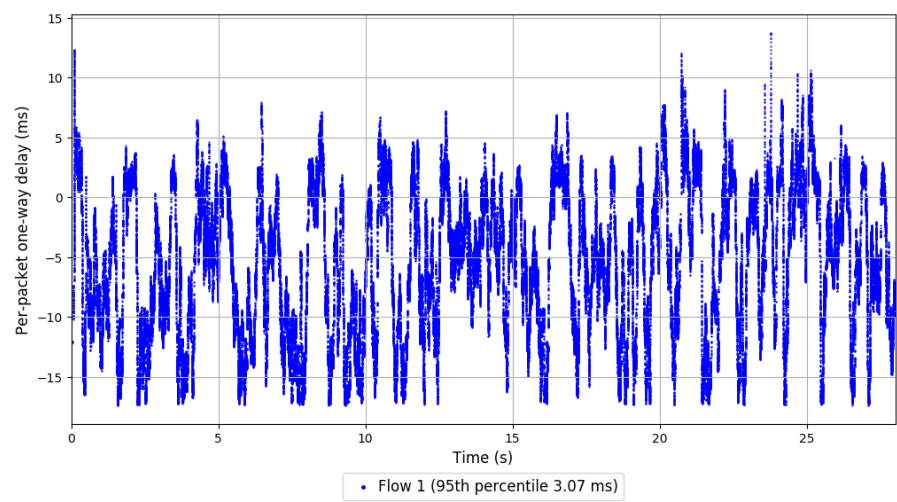
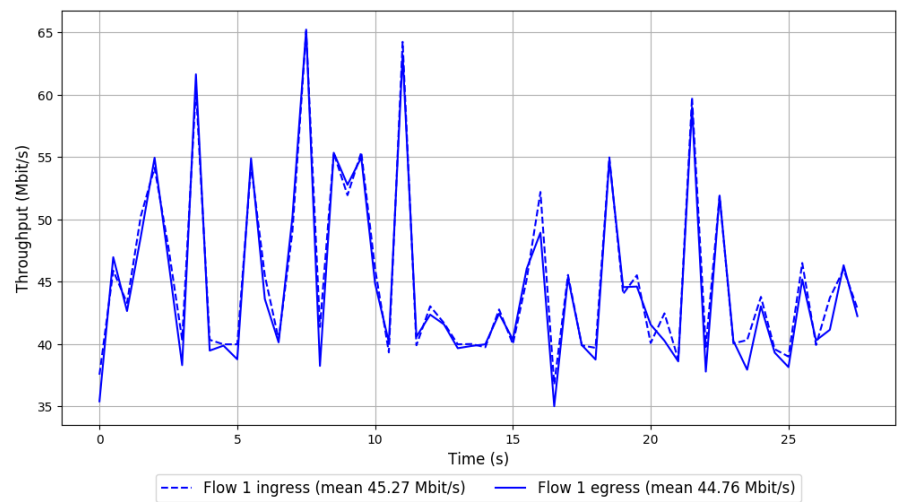


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-08-29 11:06:07
End at: 2017-08-29 11:06:37
Local clock offset: -2.468 ms
Remote clock offset: -44.008 ms

# Below is generated by plot.py at 2017-08-29 15:58:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.76 Mbit/s
95th percentile per-packet one-way delay: 3.072 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 44.76 Mbit/s
95th percentile per-packet one-way delay: 3.072 ms
Loss rate: 1.13%
```

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

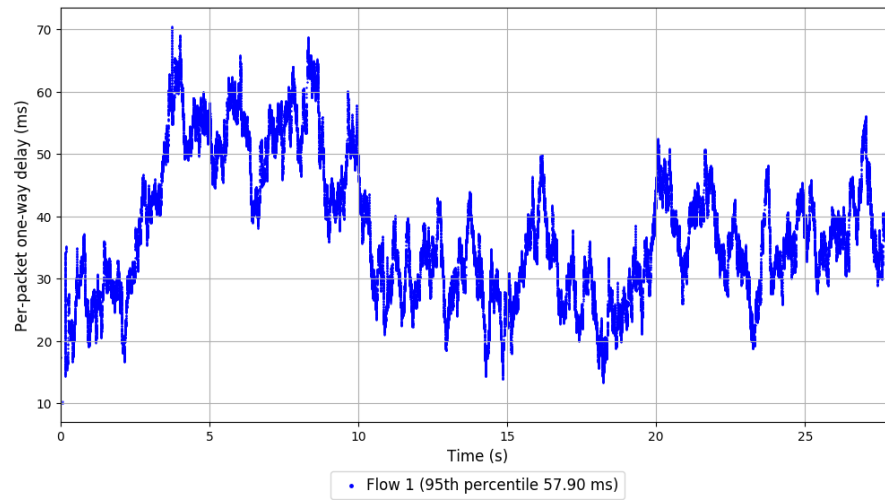
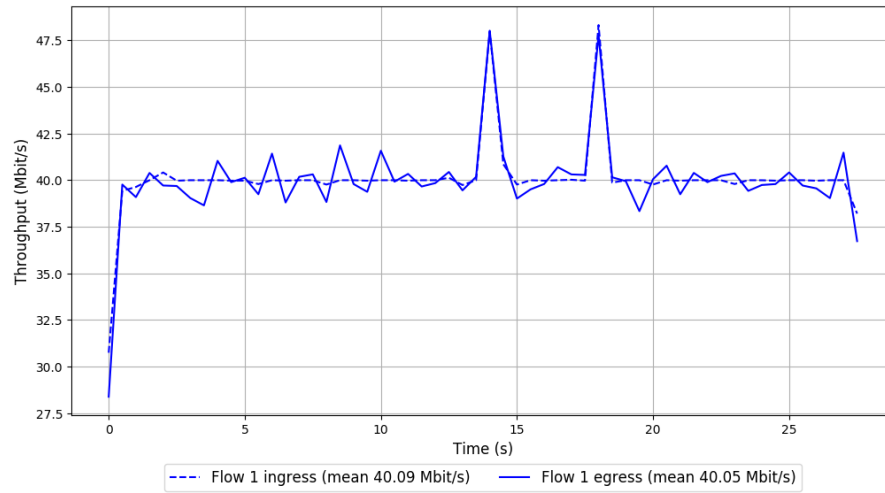


Run 2: Statistics of TaoVA-100x

Start at: 2017-08-29 11:36:48  
End at: 2017-08-29 11:37:18  
Local clock offset: 3.028 ms  
Remote clock offset: -34.271 ms

# Below is generated by plot.py at 2017-08-29 15:58:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 40.05 Mbit/s  
95th percentile per-packet one-way delay: 57.895 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 40.05 Mbit/s  
95th percentile per-packet one-way delay: 57.895 ms  
Loss rate: 0.22%

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



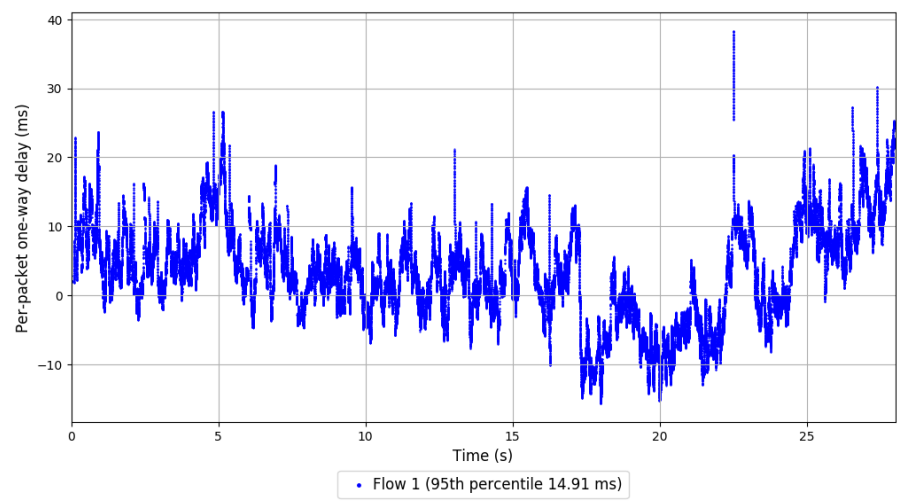
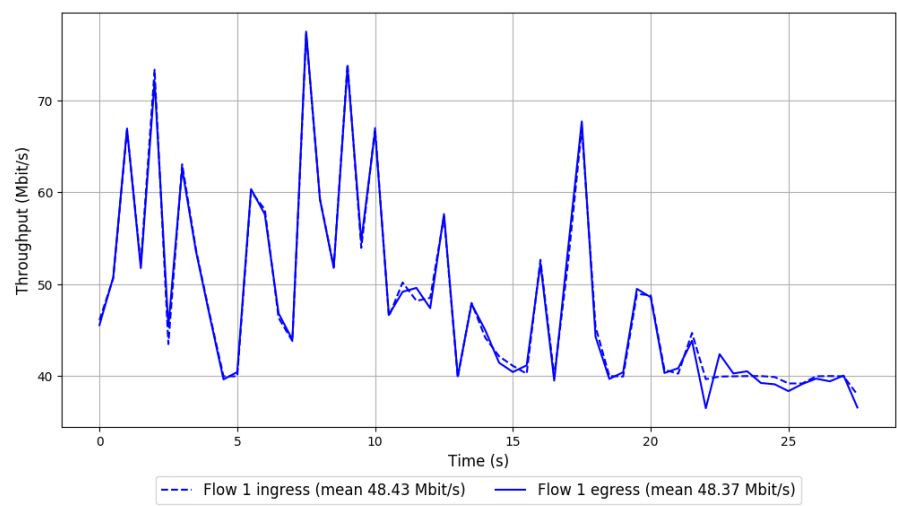
Run 3: Statistics of TaoVA-100x

Start at: 2017-08-29 12:16:49  
End at: 2017-08-29 12:17:19  
Local clock offset: 5.046 ms  
Remote clock offset: -36.442 ms

# Below is generated by plot.py at 2017-08-29 15:58:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 48.37 Mbit/s  
95th percentile per-packet one-way delay: 14.908 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 48.37 Mbit/s  
95th percentile per-packet one-way delay: 14.908 ms  
Loss rate: 0.16%



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

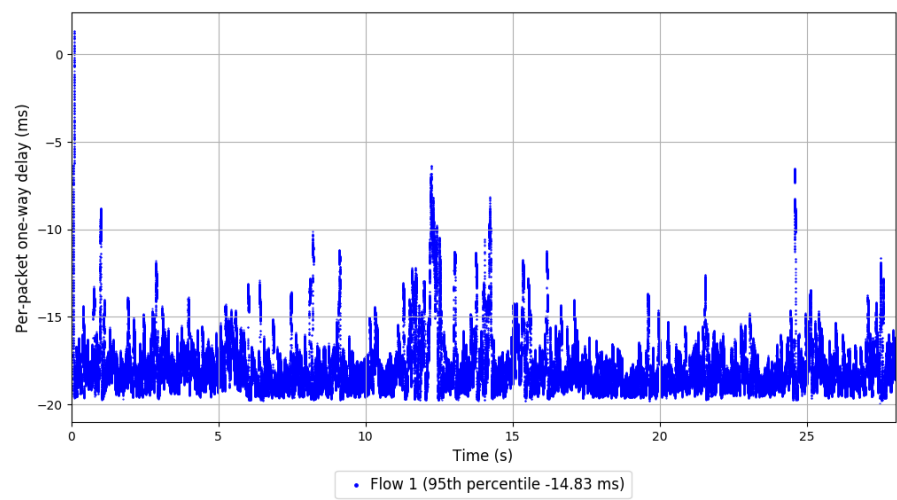
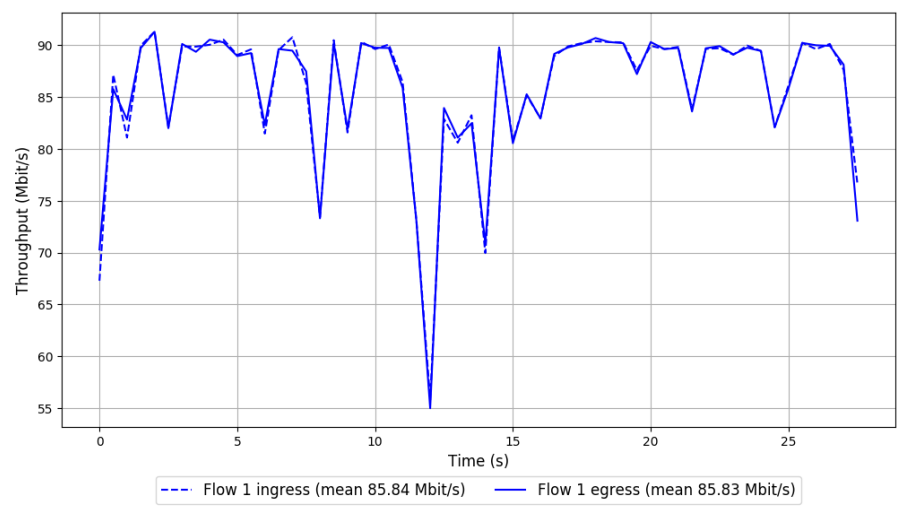


Run 4: Statistics of TaoVA-100x

Start at: 2017-08-29 12:34:44  
End at: 2017-08-29 12:35:14  
Local clock offset: 5.574 ms  
Remote clock offset: -36.059 ms

# Below is generated by plot.py at 2017-08-29 15:58:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.83 Mbit/s  
95th percentile per-packet one-way delay: -14.827 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 85.83 Mbit/s  
95th percentile per-packet one-way delay: -14.827 ms  
Loss rate: 0.01%

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

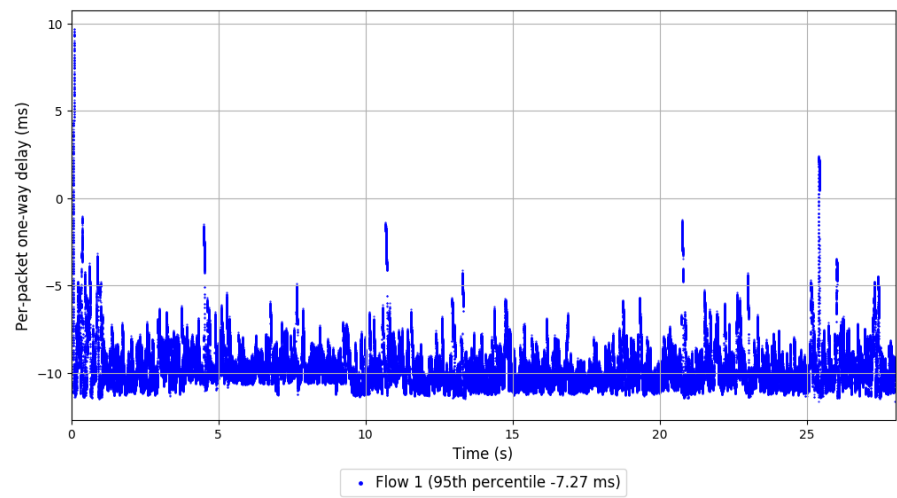
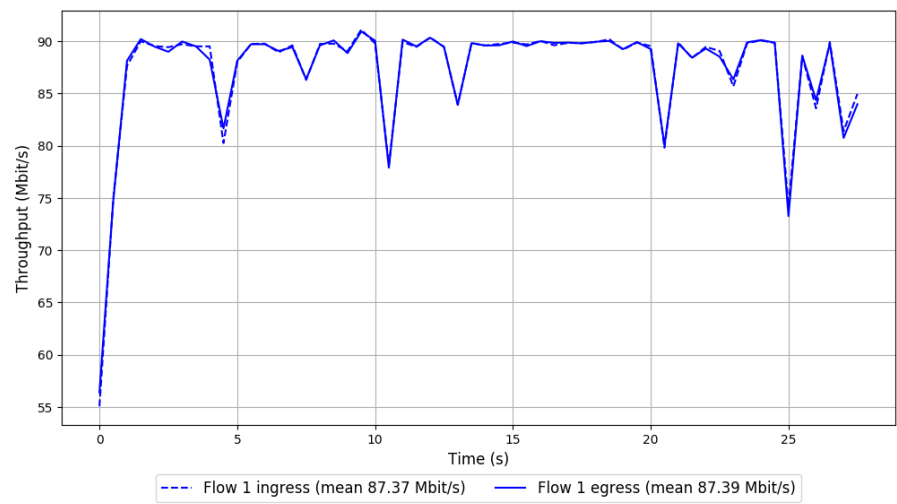


Run 5: Statistics of TaoVA-100x

Start at: 2017-08-29 12:53:07  
End at: 2017-08-29 12:53:37  
Local clock offset: -1.567 ms  
Remote clock offset: -34.94 ms

# Below is generated by plot.py at 2017-08-29 15:59:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.39 Mbit/s  
95th percentile per-packet one-way delay: -7.269 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 87.39 Mbit/s  
95th percentile per-packet one-way delay: -7.269 ms  
Loss rate: 0.00%

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

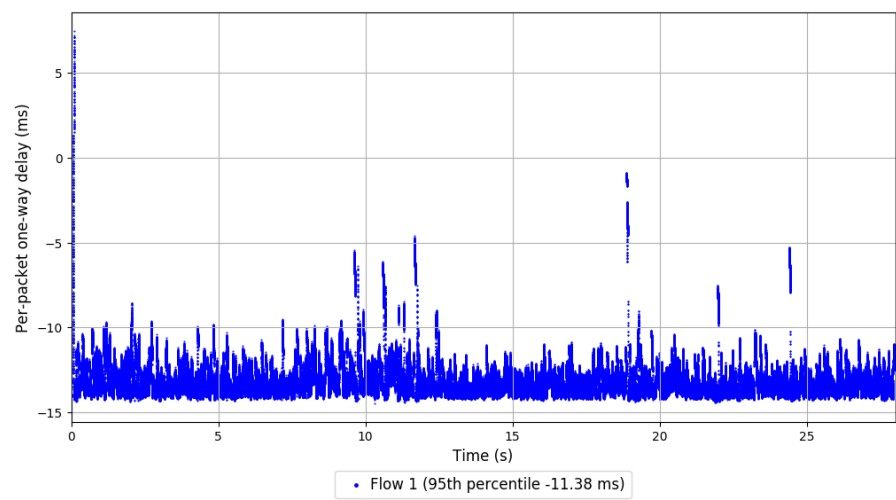
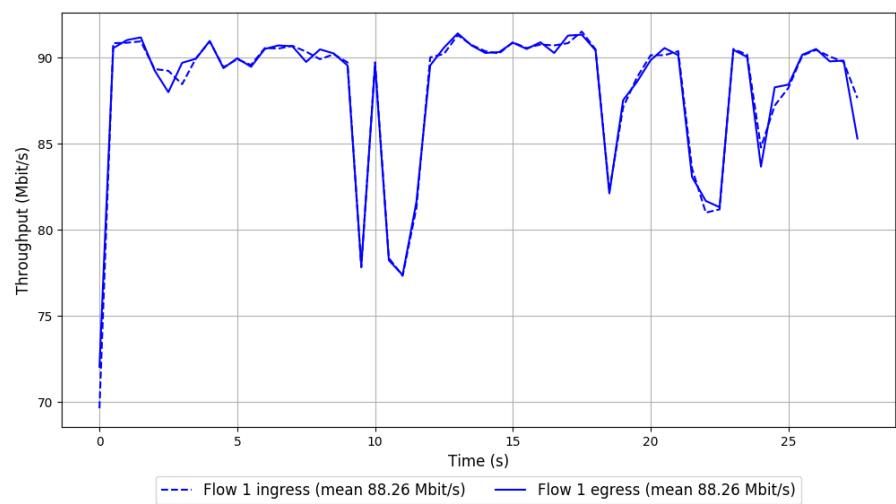


Run 6: Statistics of TaoVA-100x

Start at: 2017-08-29 13:13:48  
End at: 2017-08-29 13:14:18  
Local clock offset: 3.617 ms  
Remote clock offset: -32.561 ms

# Below is generated by plot.py at 2017-08-29 15:59:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.26 Mbit/s  
95th percentile per-packet one-way delay: -11.384 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 88.26 Mbit/s  
95th percentile per-packet one-way delay: -11.384 ms  
Loss rate: 0.00%

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



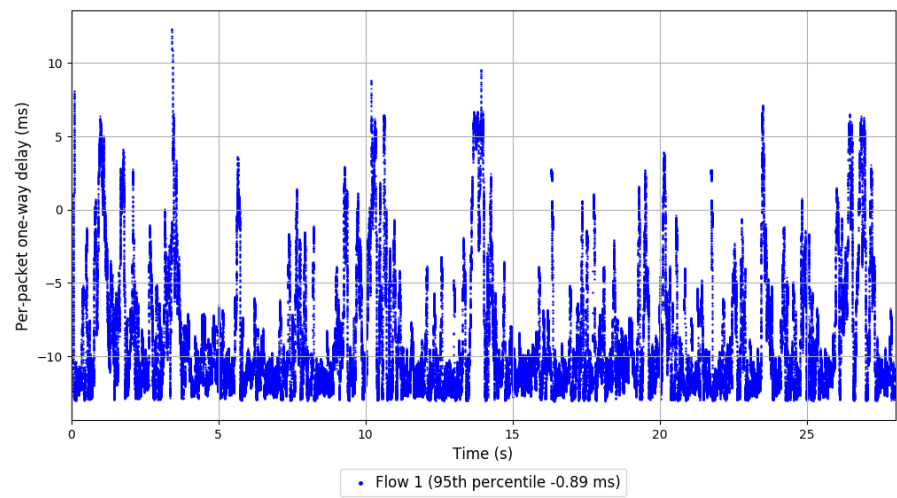
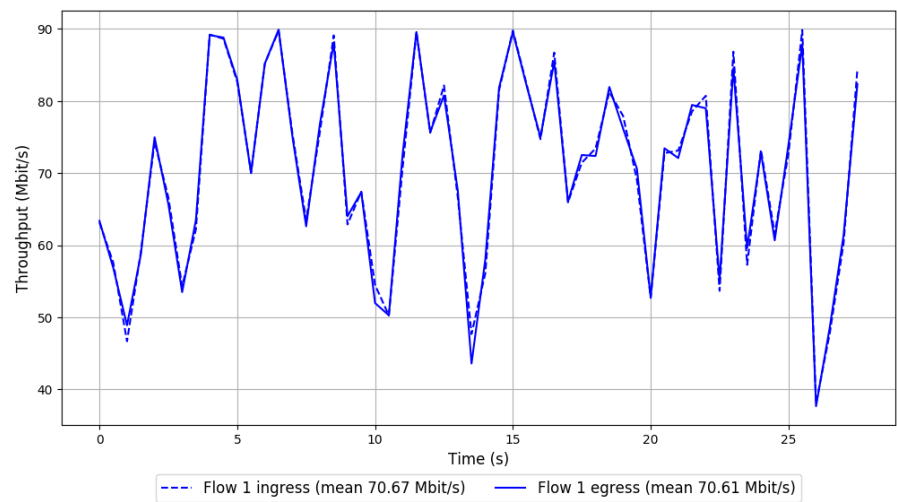
Run 7: Statistics of TaoVA-100x

Start at: 2017-08-29 13:35:16  
End at: 2017-08-29 13:35:46  
Local clock offset: 1.639 ms  
Remote clock offset: -33.223 ms

# Below is generated by plot.py at 2017-08-29 15:59:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.61 Mbit/s  
95th percentile per-packet one-way delay: -0.886 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 70.61 Mbit/s  
95th percentile per-packet one-way delay: -0.886 ms  
Loss rate: 0.10%



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

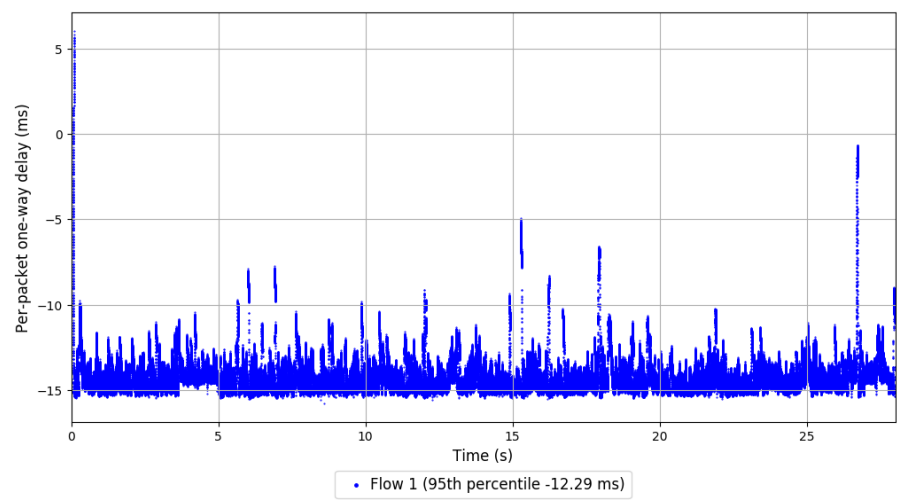
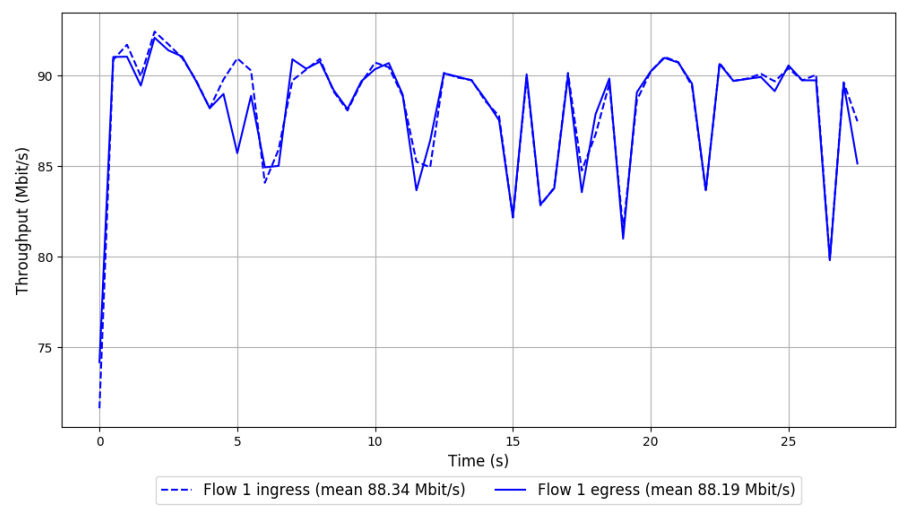


Run 8: Statistics of TaoVA-100x

Start at: 2017-08-29 13:54:52  
End at: 2017-08-29 13:55:22  
Local clock offset: 4.189 ms  
Remote clock offset: -32.159 ms

# Below is generated by plot.py at 2017-08-29 15:59:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.19 Mbit/s  
95th percentile per-packet one-way delay: -12.295 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 88.19 Mbit/s  
95th percentile per-packet one-way delay: -12.295 ms  
Loss rate: 0.18%

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

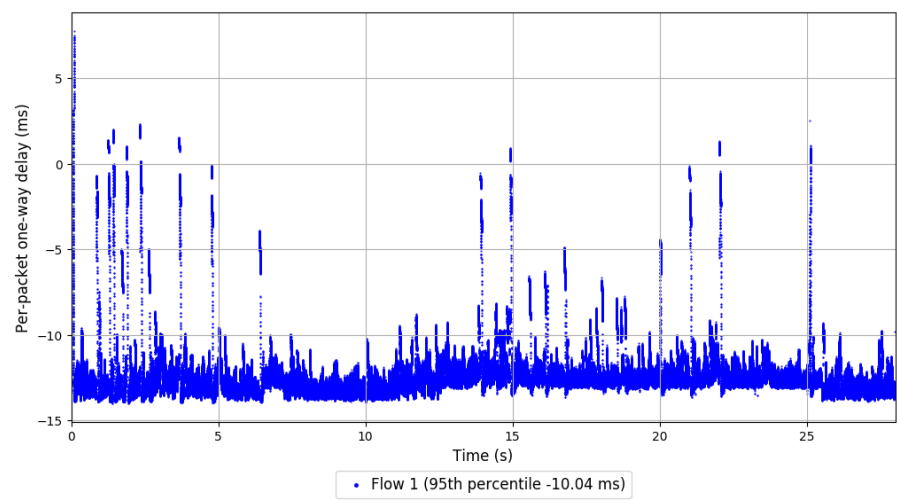
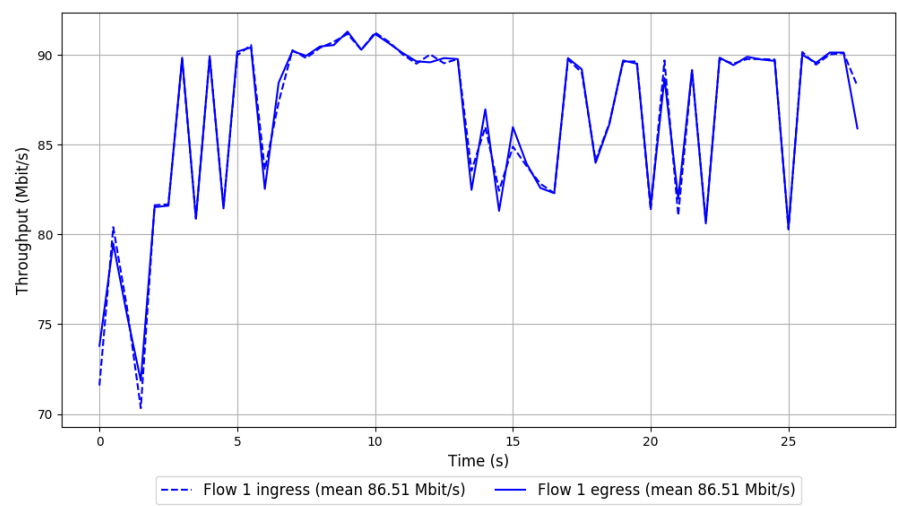


Run 9: Statistics of TaoVA-100x

Start at: 2017-08-29 14:14:42  
End at: 2017-08-29 14:15:12  
Local clock offset: 2.129 ms  
Remote clock offset: -32.717 ms

# Below is generated by plot.py at 2017-08-29 15:59:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.51 Mbit/s  
95th percentile per-packet one-way delay: -10.038 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 86.51 Mbit/s  
95th percentile per-packet one-way delay: -10.038 ms  
Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-08-29 14:52:14

End at: 2017-08-29 14:52:44

Local clock offset: 0.367 ms

Remote clock offset: -32.864 ms

# Below is generated by plot.py at 2017-08-29 15:59:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.73 Mbit/s

95th percentile per-packet one-way delay: -4.645 ms

Loss rate: 0.01%

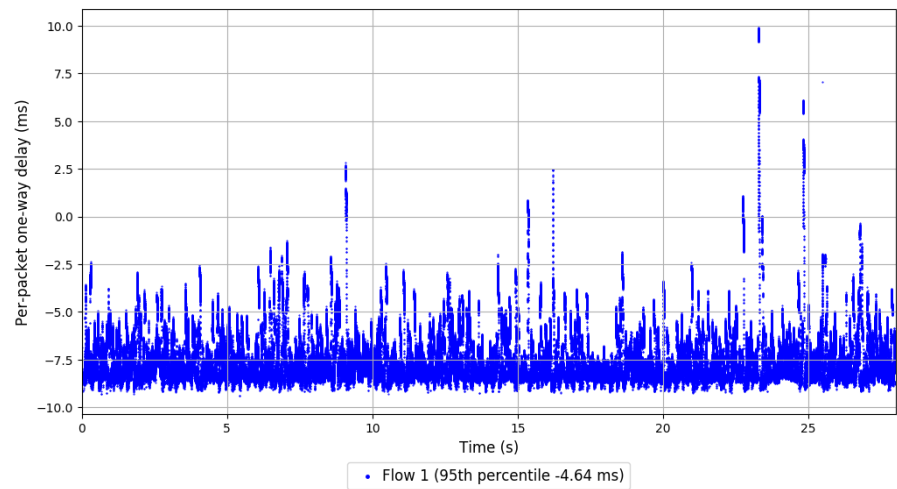
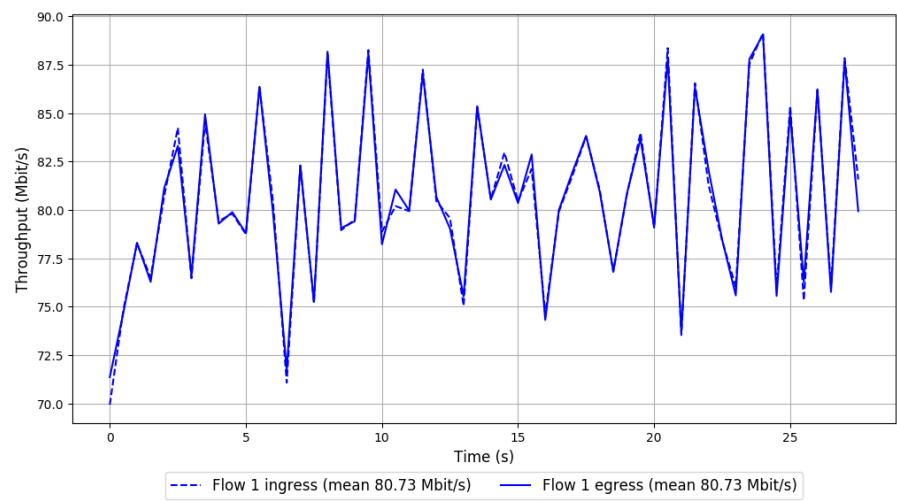
-- Flow 1:

Average throughput: 80.73 Mbit/s

95th percentile per-packet one-way delay: -4.645 ms

Loss rate: 0.01%

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



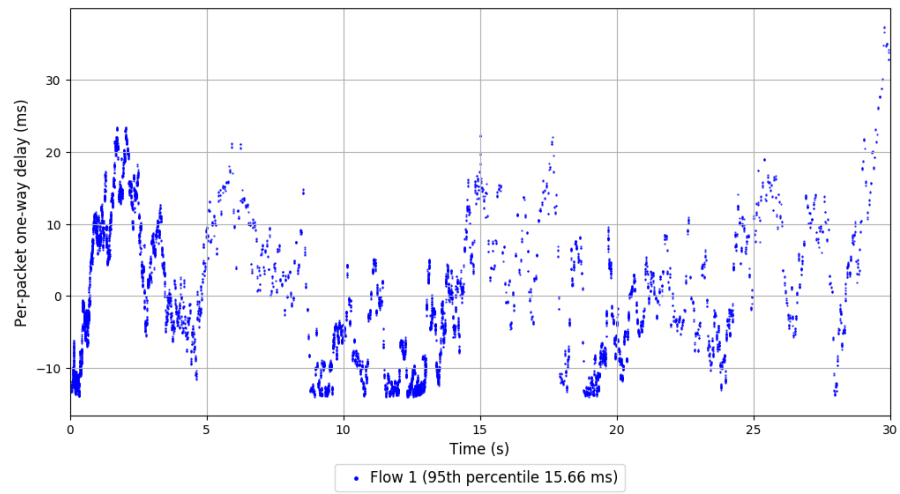
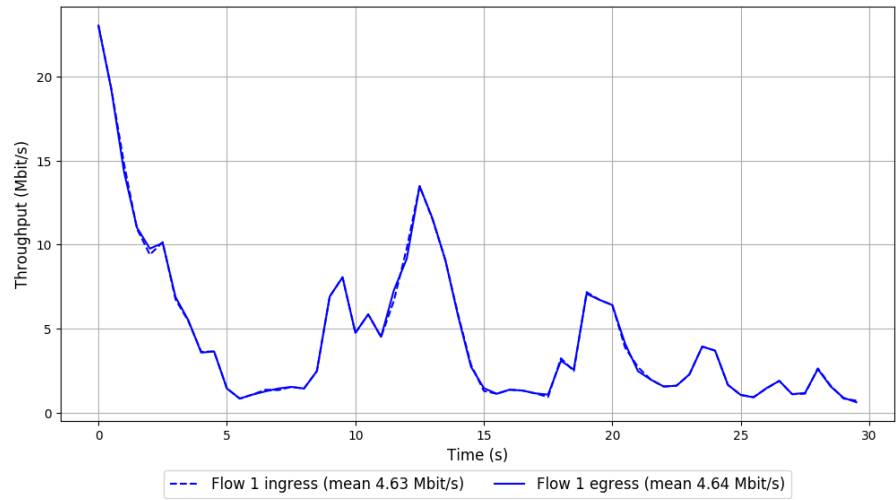
Run 1: Statistics of TCP Vegas

Start at: 2017-08-29 11:07:38  
End at: 2017-08-29 11:08:08  
Local clock offset: 1.848 ms  
Remote clock offset: -31.834 ms

# Below is generated by plot.py at 2017-08-29 15:59:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.64 Mbit/s  
95th percentile per-packet one-way delay: 15.664 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 4.64 Mbit/s  
95th percentile per-packet one-way delay: 15.664 ms  
Loss rate: 0.03%



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

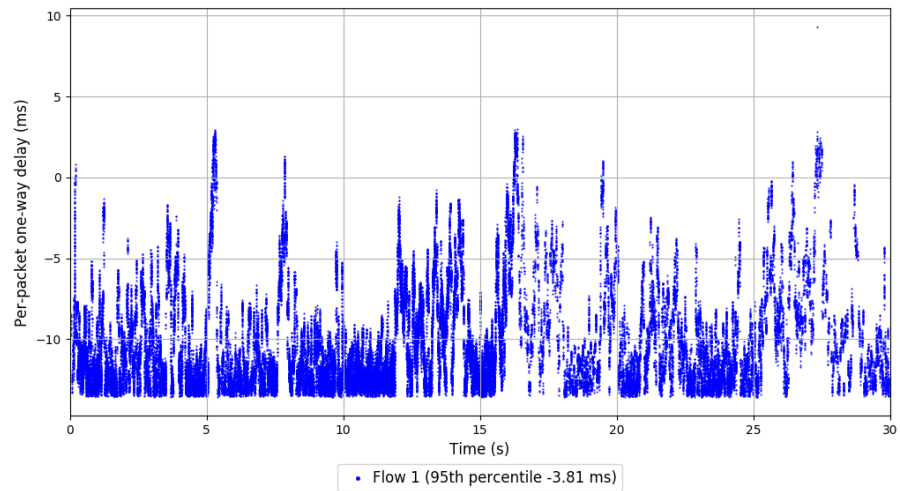
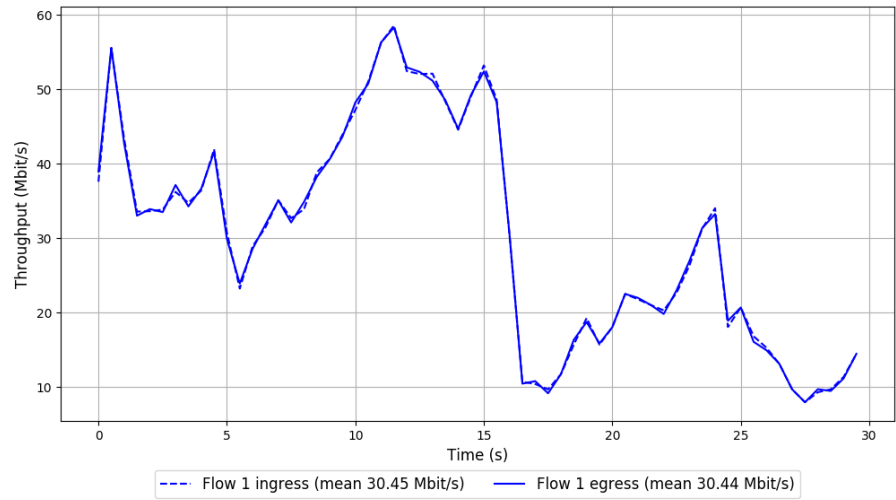


Run 2: Statistics of TCP Vegas

Start at: 2017-08-29 11:39:15  
End at: 2017-08-29 11:39:45  
Local clock offset: 1.069 ms  
Remote clock offset: -33.879 ms

# Below is generated by plot.py at 2017-08-29 15:59:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 30.44 Mbit/s  
95th percentile per-packet one-way delay: -3.808 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 30.44 Mbit/s  
95th percentile per-packet one-way delay: -3.808 ms  
Loss rate: 0.03%

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

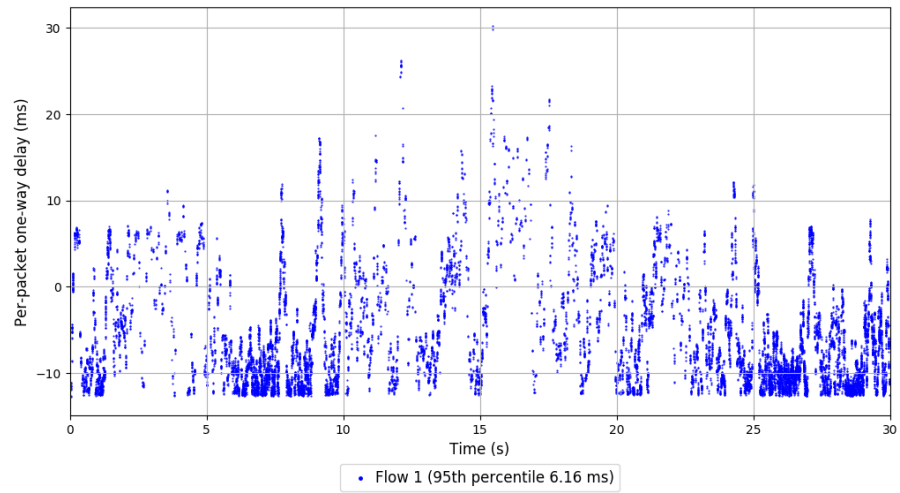
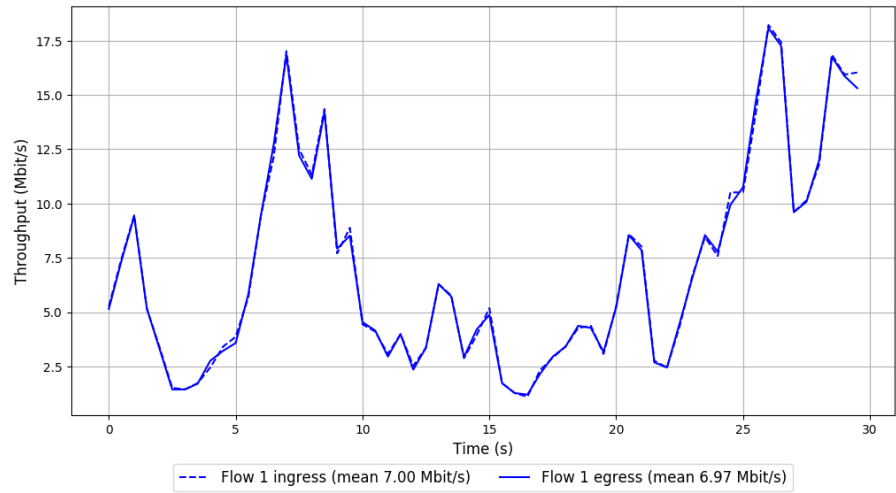


Run 3: Statistics of TCP Vegas

Start at: 2017-08-29 12:18:08  
End at: 2017-08-29 12:18:38  
Local clock offset: 1.168 ms  
Remote clock offset: -35.508 ms

# Below is generated by plot.py at 2017-08-29 15:59:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 6.97 Mbit/s  
95th percentile per-packet one-way delay: 6.157 ms  
Loss rate: 0.43%  
-- Flow 1:  
Average throughput: 6.97 Mbit/s  
95th percentile per-packet one-way delay: 6.157 ms  
Loss rate: 0.43%

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

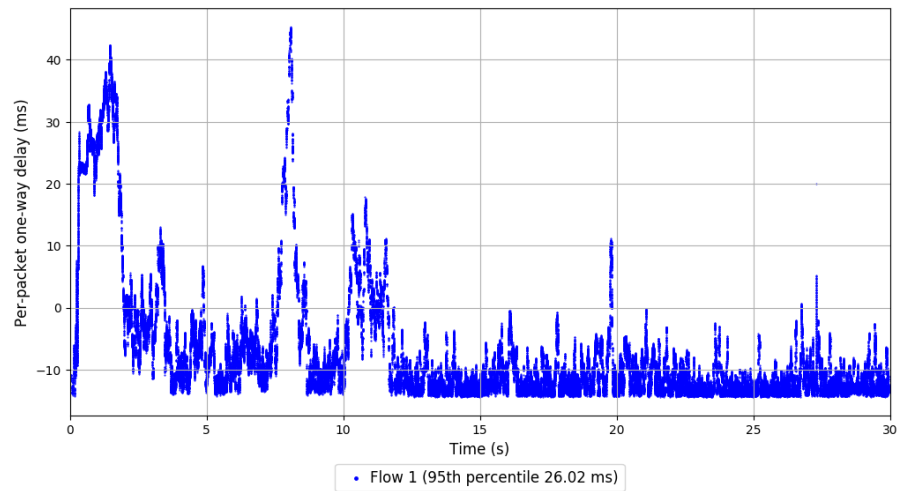
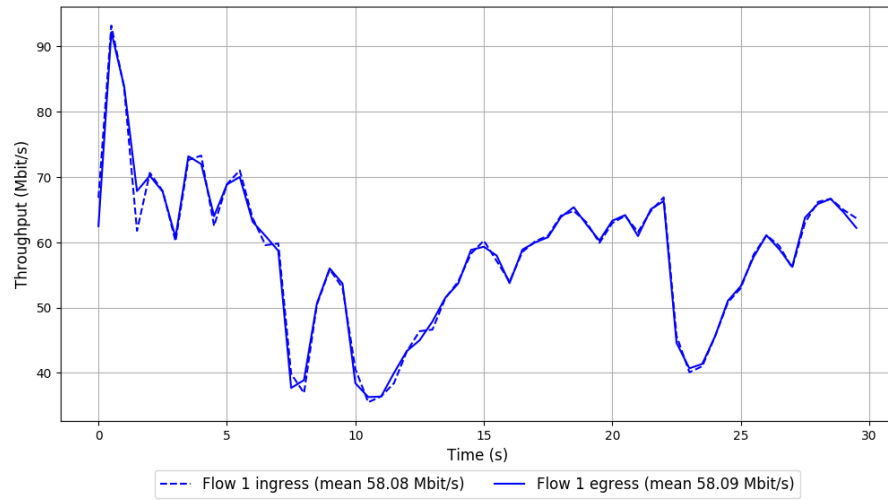


Run 4: Statistics of TCP Vegas

Start at: 2017-08-29 12:36:13  
End at: 2017-08-29 12:36:43  
Local clock offset: 3.149 ms  
Remote clock offset: -35.362 ms

# Below is generated by plot.py at 2017-08-29 16:00:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.09 Mbit/s  
95th percentile per-packet one-way delay: 26.024 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 58.09 Mbit/s  
95th percentile per-packet one-way delay: 26.024 ms  
Loss rate: 0.01%

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



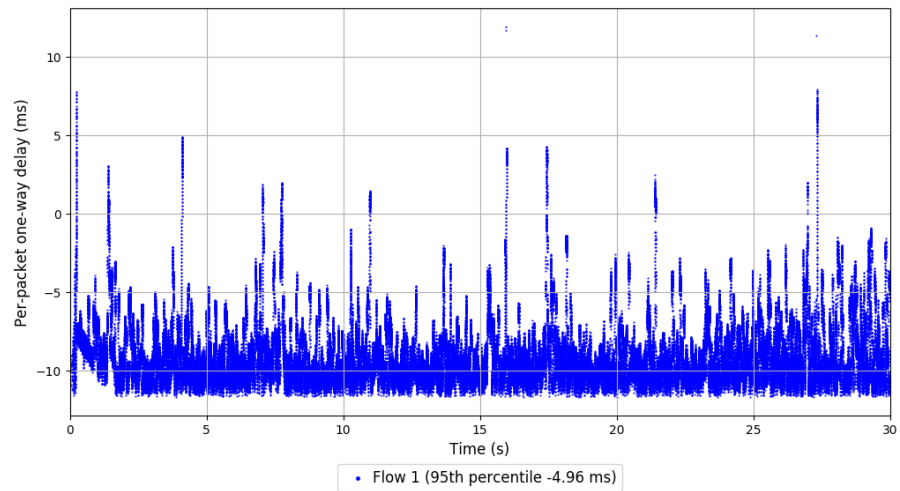
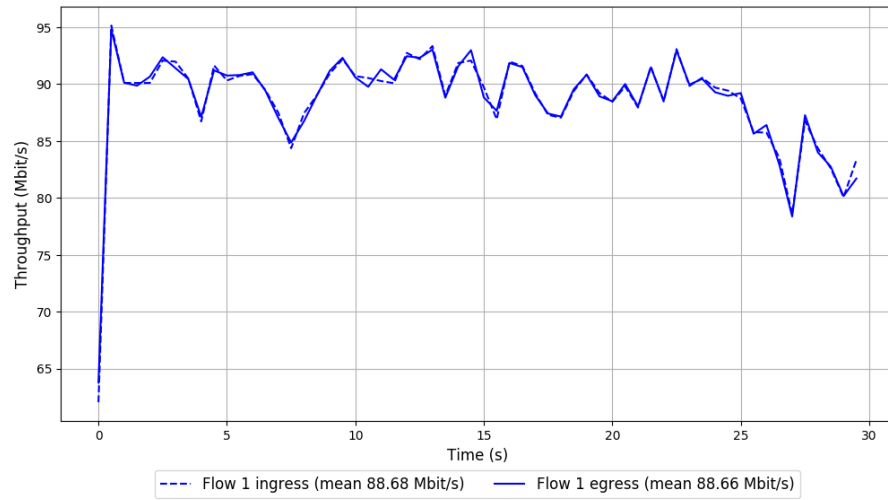
Run 5: Statistics of TCP Vegas

Start at: 2017-08-29 12:54:35  
End at: 2017-08-29 12:55:05  
Local clock offset: 0.506 ms  
Remote clock offset: -35.36 ms

# Below is generated by plot.py at 2017-08-29 16:00:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.66 Mbit/s  
95th percentile per-packet one-way delay: -4.957 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 88.66 Mbit/s  
95th percentile per-packet one-way delay: -4.957 ms  
Loss rate: 0.00%



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

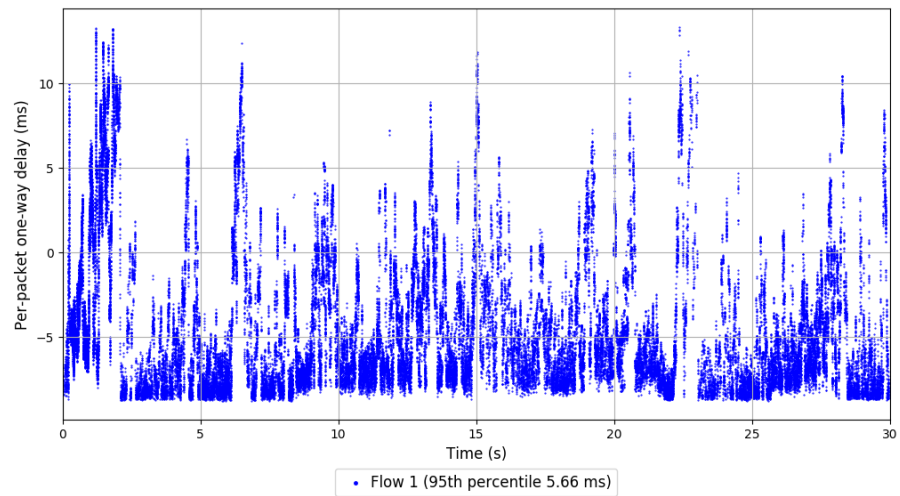
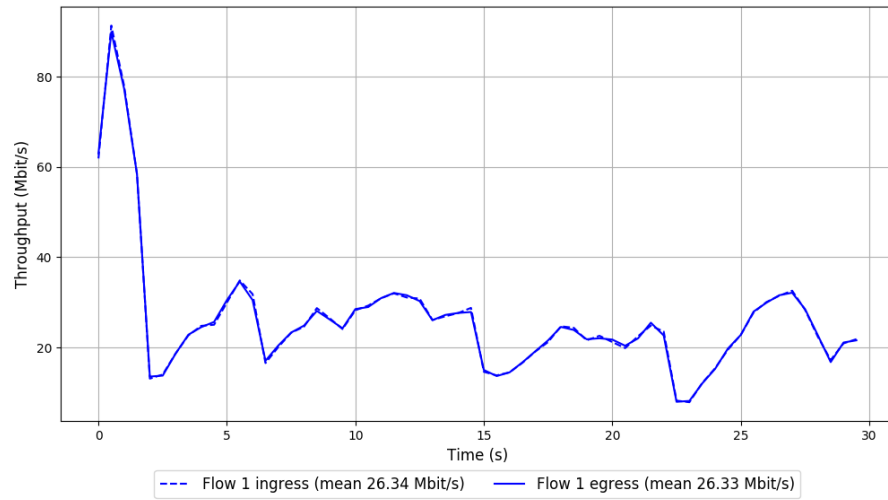


Run 6: Statistics of TCP Vegas

Start at: 2017-08-29 13:15:52  
End at: 2017-08-29 13:16:22  
Local clock offset: 1.636 ms  
Remote clock offset: -31.269 ms

# Below is generated by plot.py at 2017-08-29 16:00:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 26.33 Mbit/s  
95th percentile per-packet one-way delay: 5.662 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 26.33 Mbit/s  
95th percentile per-packet one-way delay: 5.662 ms  
Loss rate: 0.10%

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

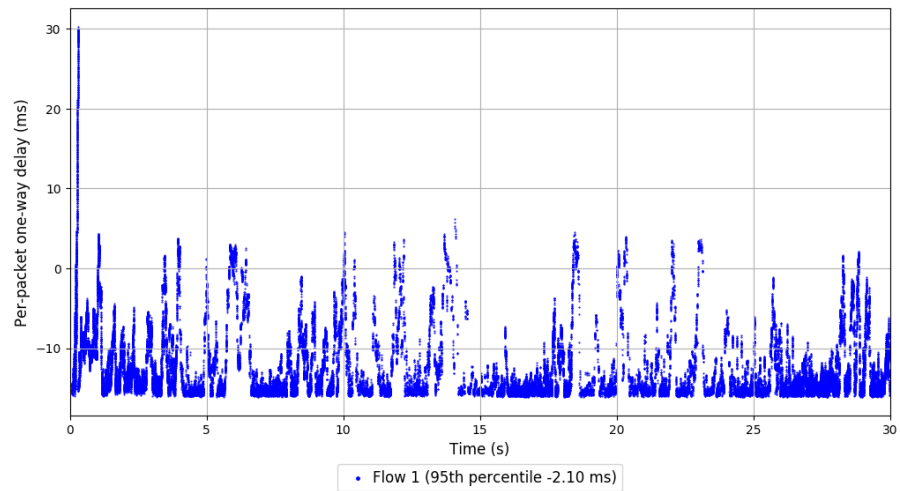
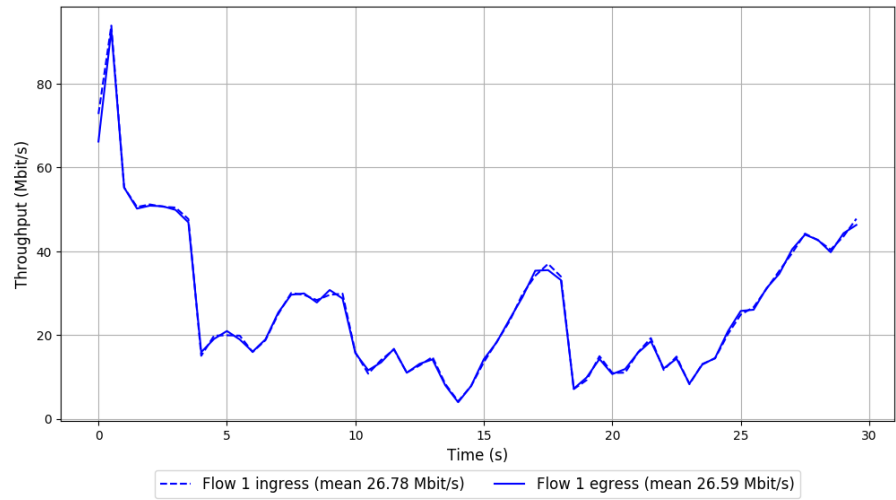


Run 7: Statistics of TCP Vegas

Start at: 2017-08-29 13:36:47  
End at: 2017-08-29 13:37:17  
Local clock offset: 5.295 ms  
Remote clock offset: -31.697 ms

# Below is generated by plot.py at 2017-08-29 16:00:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 26.59 Mbit/s  
95th percentile per-packet one-way delay: -2.104 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 26.59 Mbit/s  
95th percentile per-packet one-way delay: -2.104 ms  
Loss rate: 0.70%

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

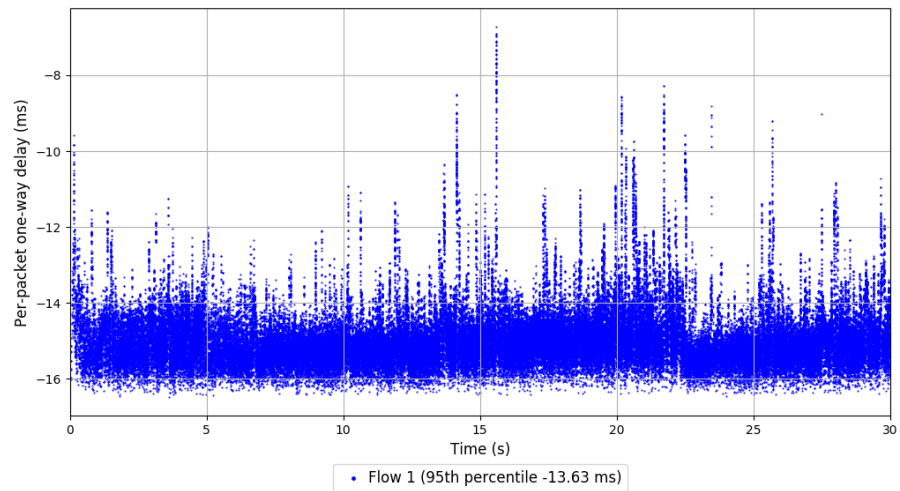
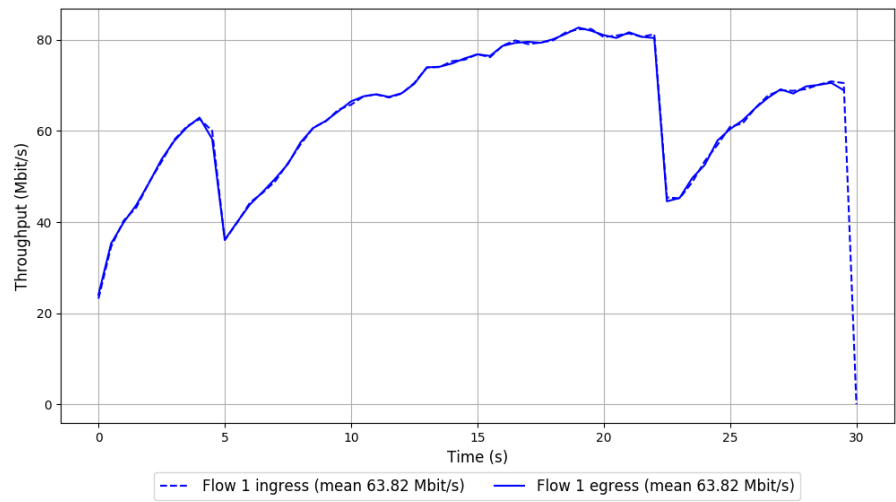


Run 8: Statistics of TCP Vegas

Start at: 2017-08-29 13:56:30  
End at: 2017-08-29 13:57:00  
Local clock offset: 4.87 ms  
Remote clock offset: -32.535 ms

# Below is generated by plot.py at 2017-08-29 16:00:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 63.82 Mbit/s  
95th percentile per-packet one-way delay: -13.632 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 63.82 Mbit/s  
95th percentile per-packet one-way delay: -13.632 ms  
Loss rate: 0.03%

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



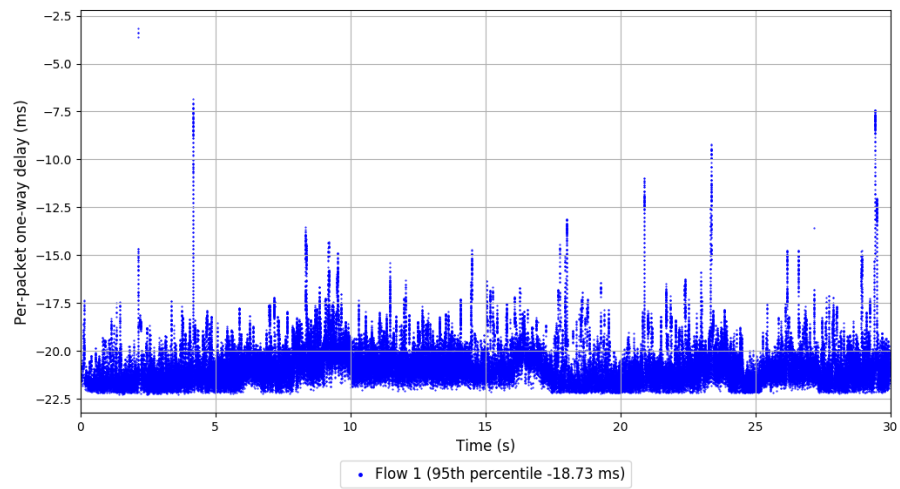
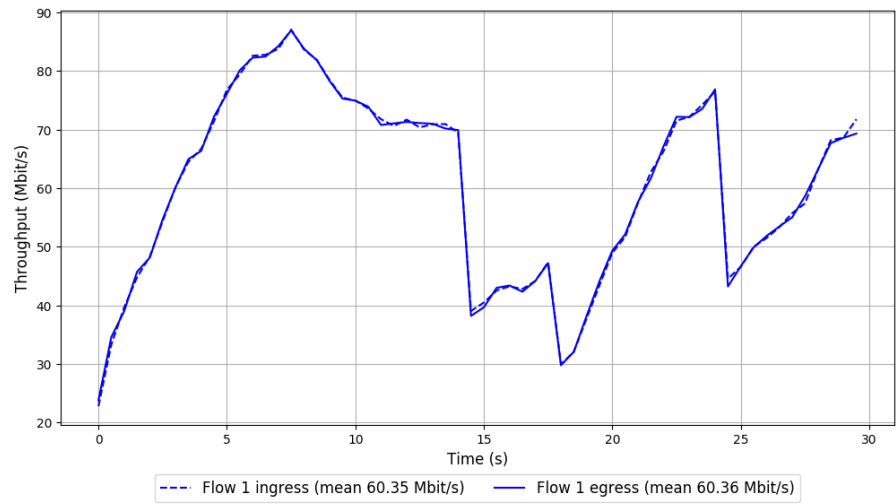
Run 9: Statistics of TCP Vegas

Start at: 2017-08-29 14:16:35  
End at: 2017-08-29 14:17:05  
Local clock offset: 2.622 ms  
Remote clock offset: -41.377 ms

# Below is generated by plot.py at 2017-08-29 16:00:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 60.36 Mbit/s  
95th percentile per-packet one-way delay: -18.728 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 60.36 Mbit/s  
95th percentile per-packet one-way delay: -18.728 ms  
Loss rate: 0.00%



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

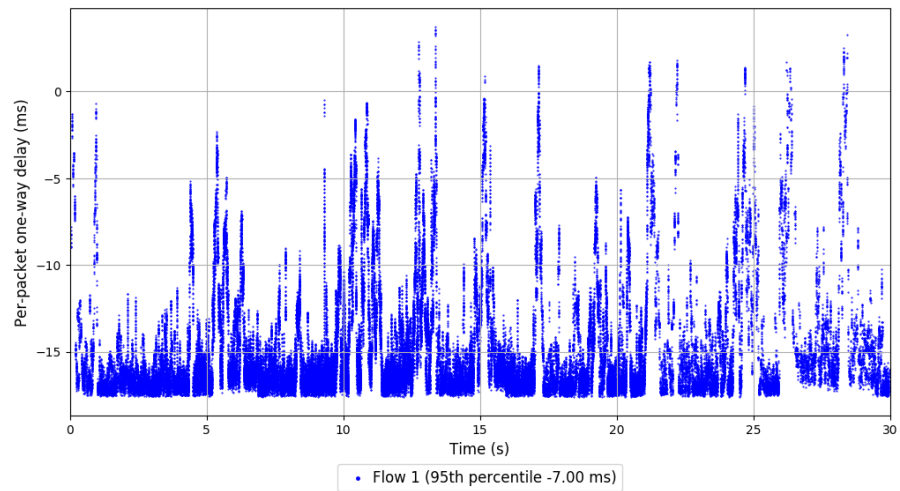
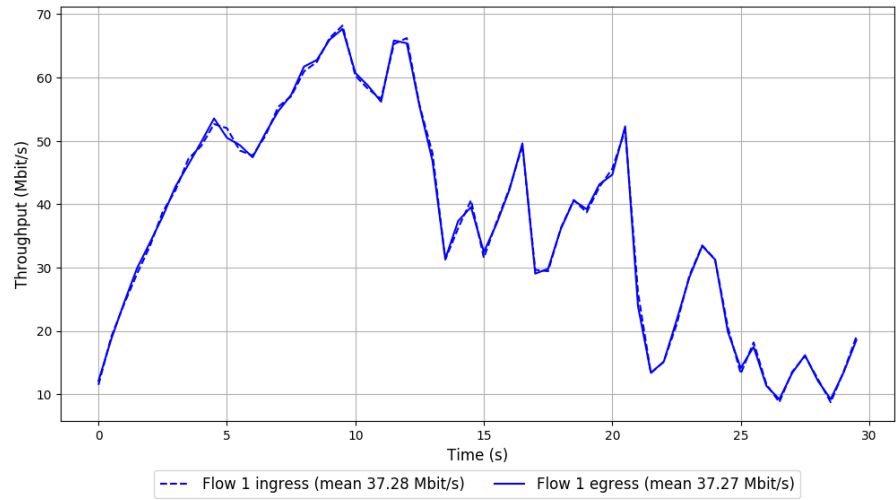


Run 10: Statistics of TCP Vegas

Start at: 2017-08-29 14:57:00  
End at: 2017-08-29 14:57:30  
Local clock offset: 5.207 ms  
Remote clock offset: -33.622 ms

# Below is generated by plot.py at 2017-08-29 16:00:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 37.27 Mbit/s  
95th percentile per-packet one-way delay: -7.001 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 37.27 Mbit/s  
95th percentile per-packet one-way delay: -7.001 ms  
Loss rate: 0.05%

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

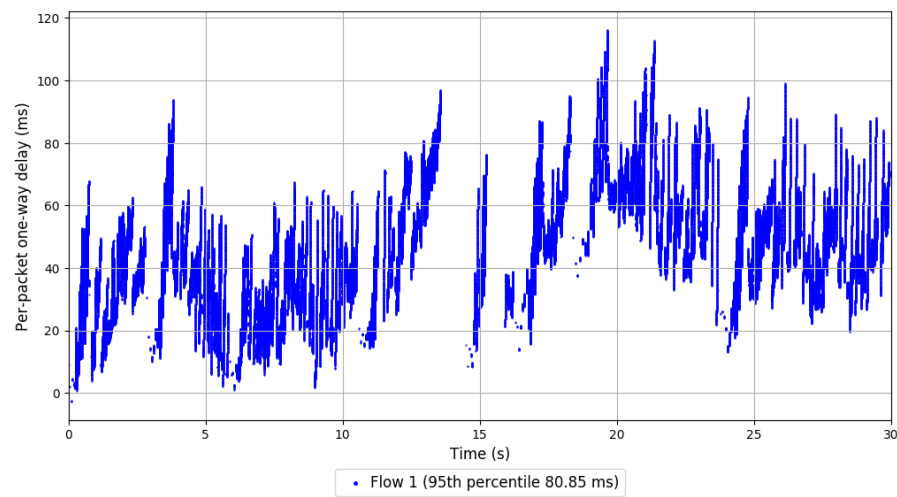
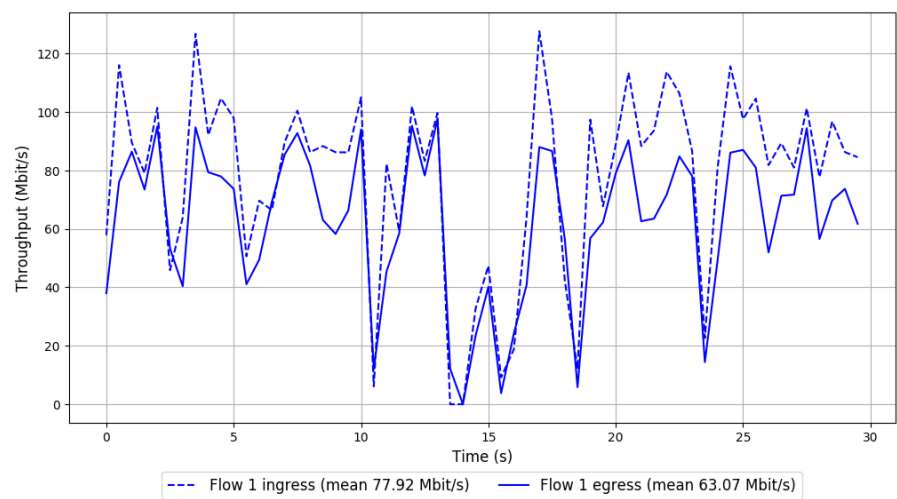


Run 1: Statistics of Verus

Start at: 2017-08-29 11:15:32  
End at: 2017-08-29 11:16:02  
Local clock offset: 1.503 ms  
Remote clock offset: -33.907 ms

# Below is generated by plot.py at 2017-08-29 16:00:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 63.07 Mbit/s  
95th percentile per-packet one-way delay: 80.854 ms  
Loss rate: 19.03%  
-- Flow 1:  
Average throughput: 63.07 Mbit/s  
95th percentile per-packet one-way delay: 80.854 ms  
Loss rate: 19.03%

Run 1: Report of Verus — Data Link

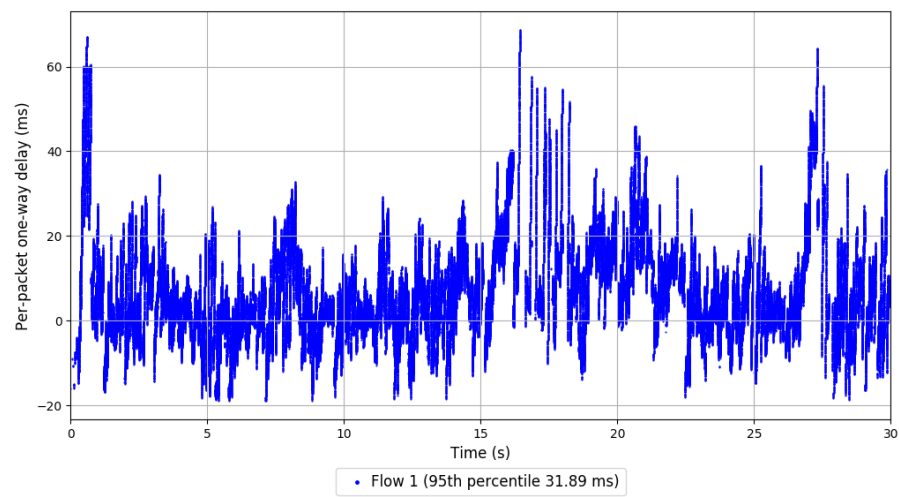
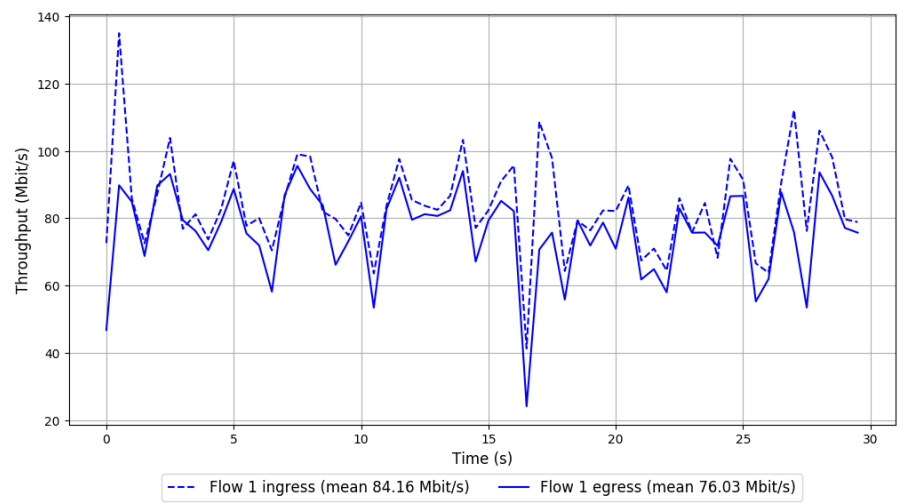


Run 2: Statistics of Verus

Start at: 2017-08-29 11:54:01  
End at: 2017-08-29 11:54:31  
Local clock offset: 4.765 ms  
Remote clock offset: -34.918 ms

# Below is generated by plot.py at 2017-08-29 16:00:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.03 Mbit/s  
95th percentile per-packet one-way delay: 31.887 ms  
Loss rate: 9.59%  
-- Flow 1:  
Average throughput: 76.03 Mbit/s  
95th percentile per-packet one-way delay: 31.887 ms  
Loss rate: 9.59%

Run 2: Report of Verus — Data Link



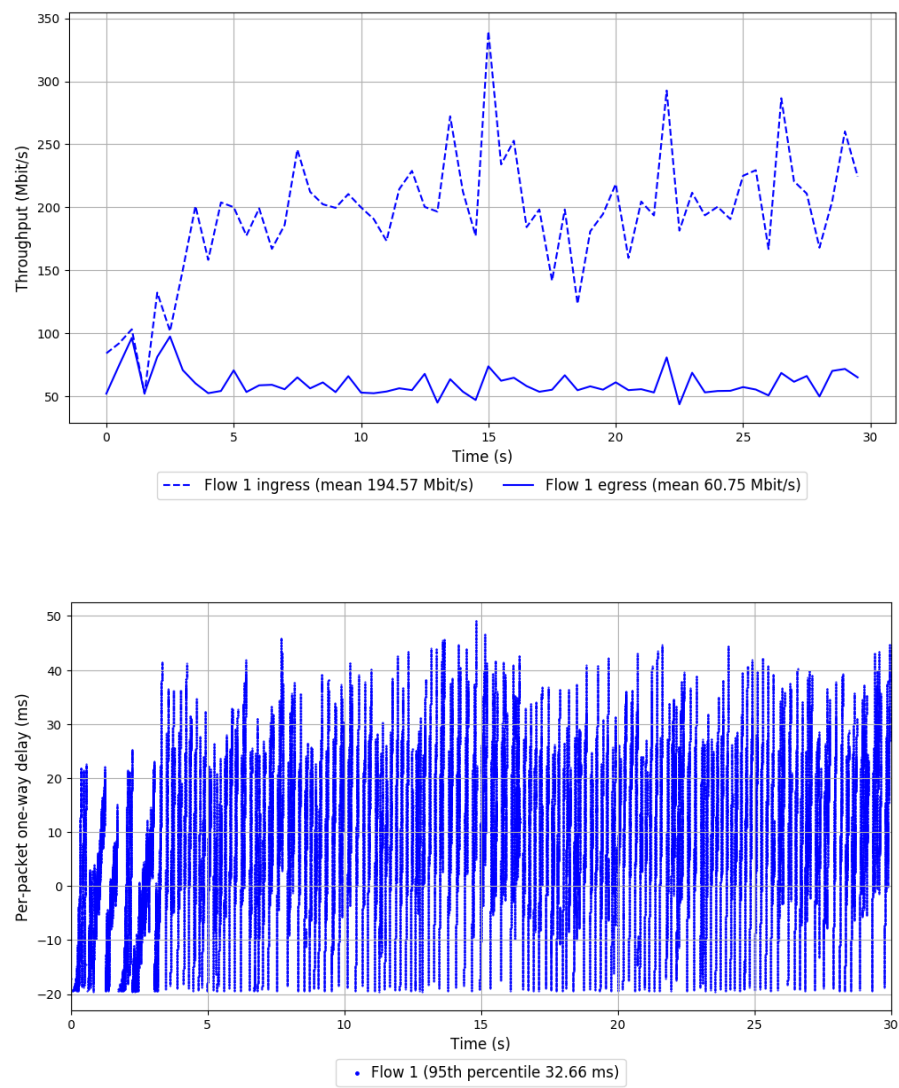
Run 3: Statistics of Verus

Start at: 2017-08-29 12:25:08  
End at: 2017-08-29 12:25:38  
Local clock offset: 5.35 ms  
Remote clock offset: -35.972 ms

# Below is generated by plot.py at 2017-08-29 16:00:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 60.75 Mbit/s  
95th percentile per-packet one-way delay: 32.656 ms  
Loss rate: 68.72%  
-- Flow 1:  
Average throughput: 60.75 Mbit/s  
95th percentile per-packet one-way delay: 32.656 ms  
Loss rate: 68.72%



Run 3: Report of Verus — Data Link

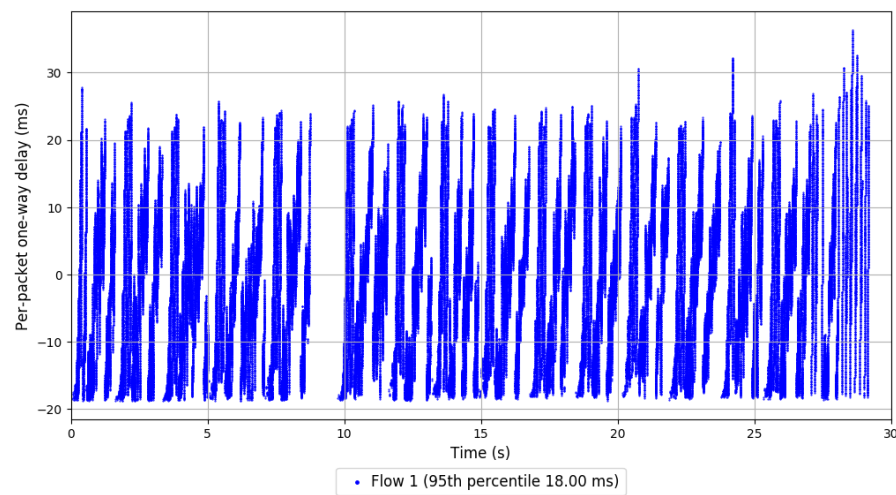
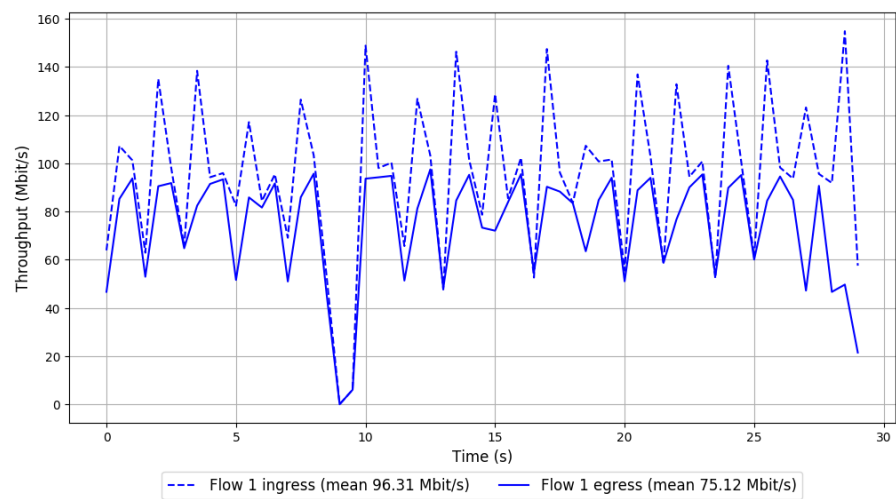


Run 4: Statistics of Verus

Start at: 2017-08-29 12:43:24  
End at: 2017-08-29 12:43:54  
Local clock offset: 4.766 ms  
Remote clock offset: -35.901 ms

# Below is generated by plot.py at 2017-08-29 16:00:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.12 Mbit/s  
95th percentile per-packet one-way delay: 18.002 ms  
Loss rate: 21.93%  
-- Flow 1:  
Average throughput: 75.12 Mbit/s  
95th percentile per-packet one-way delay: 18.002 ms  
Loss rate: 21.93%

Run 4: Report of Verus — Data Link

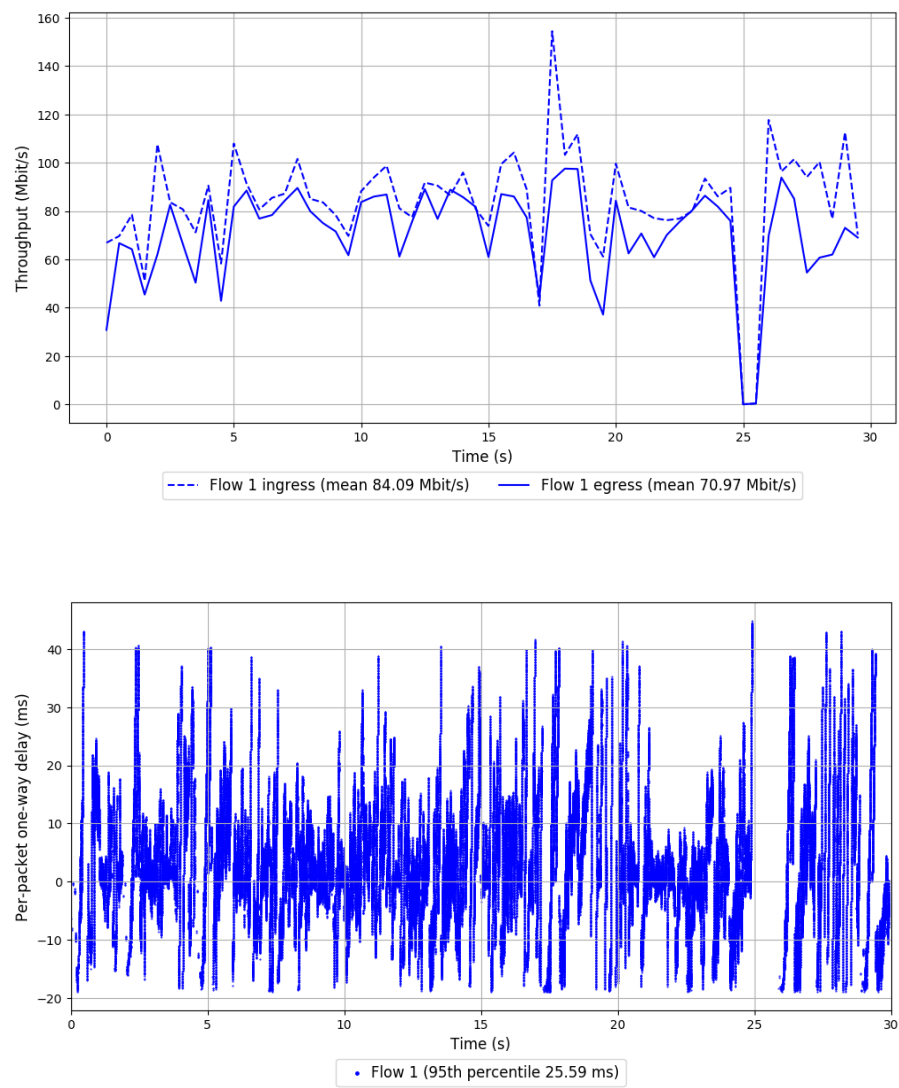


Run 5: Statistics of Verus

Start at: 2017-08-29 13:02:30  
End at: 2017-08-29 13:03:00  
Local clock offset: 5.465 ms  
Remote clock offset: -35.38 ms

# Below is generated by plot.py at 2017-08-29 16:00:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.97 Mbit/s  
95th percentile per-packet one-way delay: 25.595 ms  
Loss rate: 15.59%  
-- Flow 1:  
Average throughput: 70.97 Mbit/s  
95th percentile per-packet one-way delay: 25.595 ms  
Loss rate: 15.59%

Run 5: Report of Verus — Data Link

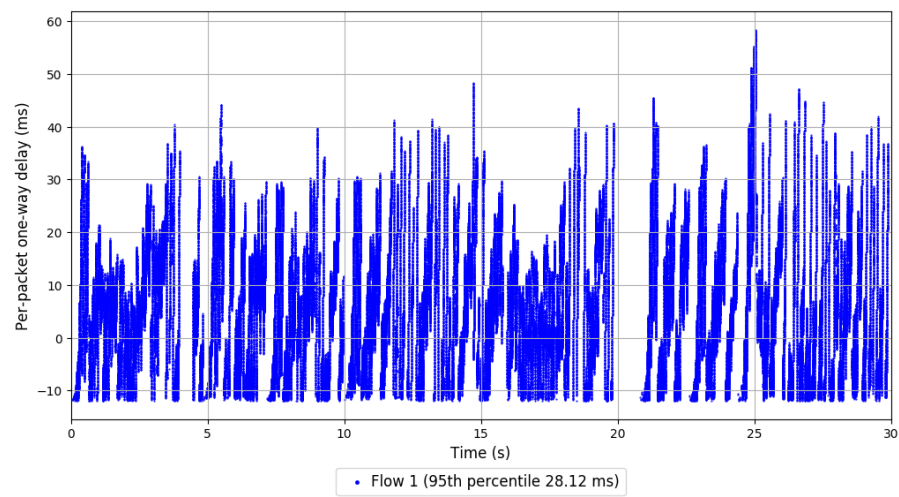
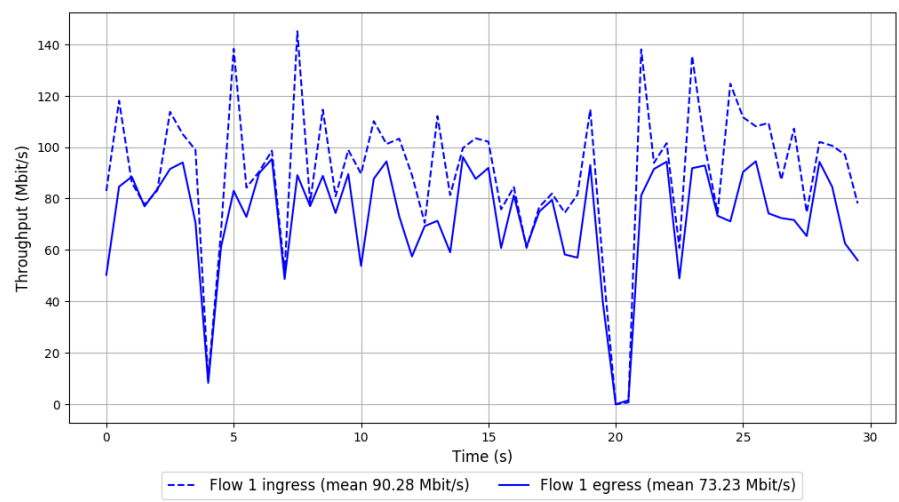


Run 6: Statistics of Verus

Start at: 2017-08-29 13:23:57  
End at: 2017-08-29 13:24:27  
Local clock offset: 4.161 ms  
Remote clock offset: -31.85 ms

# Below is generated by plot.py at 2017-08-29 16:00:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.23 Mbit/s  
95th percentile per-packet one-way delay: 28.123 ms  
Loss rate: 18.86%  
-- Flow 1:  
Average throughput: 73.23 Mbit/s  
95th percentile per-packet one-way delay: 28.123 ms  
Loss rate: 18.86%

Run 6: Report of Verus — Data Link



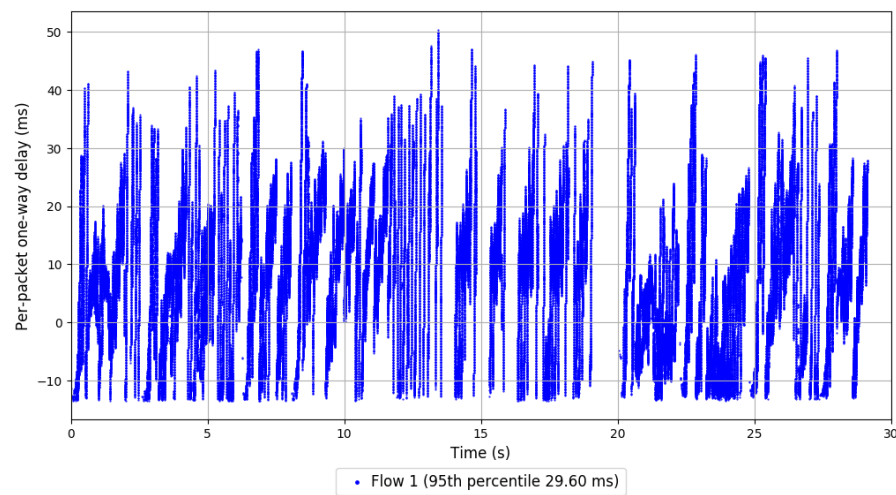
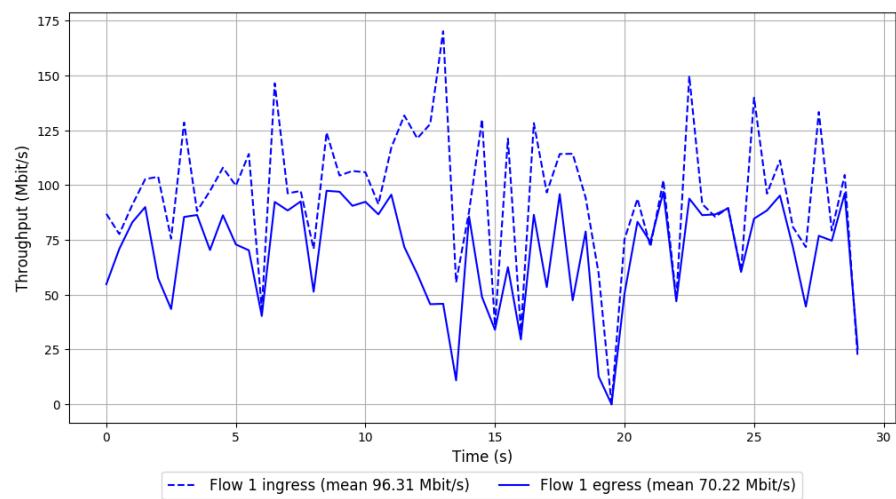
Run 7: Statistics of Verus

Start at: 2017-08-29 13:44:15  
End at: 2017-08-29 13:44:45  
Local clock offset: 3.024 ms  
Remote clock offset: -31.348 ms

# Below is generated by plot.py at 2017-08-29 16:01:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.22 Mbit/s  
95th percentile per-packet one-way delay: 29.602 ms  
Loss rate: 27.01%  
-- Flow 1:  
Average throughput: 70.22 Mbit/s  
95th percentile per-packet one-way delay: 29.602 ms  
Loss rate: 27.01%



Run 7: Report of Verus — Data Link

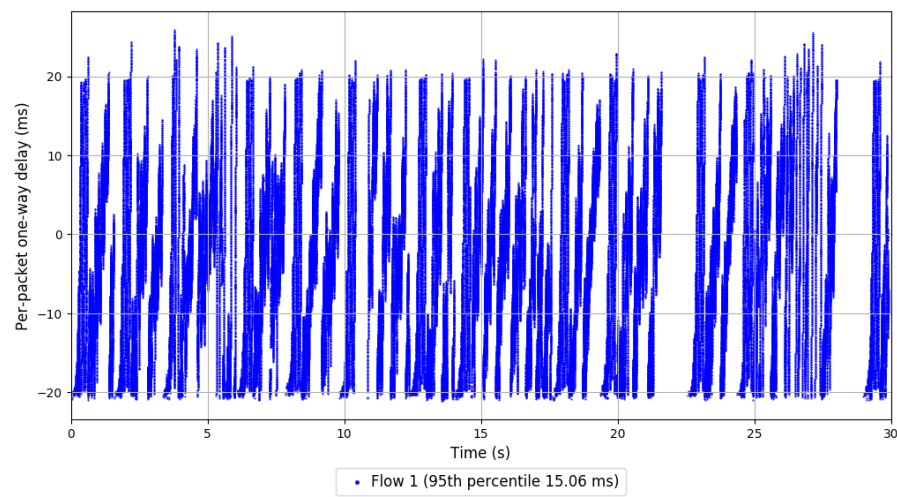
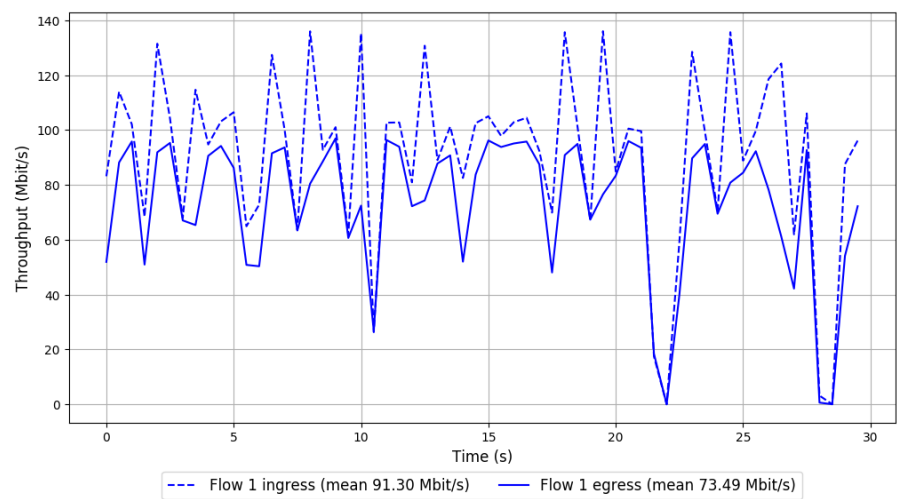


Run 8: Statistics of Verus

Start at: 2017-08-29 14:03:36  
End at: 2017-08-29 14:04:06  
Local clock offset: 0.561 ms  
Remote clock offset: -42.324 ms

# Below is generated by plot.py at 2017-08-29 16:01:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.49 Mbit/s  
95th percentile per-packet one-way delay: 15.058 ms  
Loss rate: 19.50%  
-- Flow 1:  
Average throughput: 73.49 Mbit/s  
95th percentile per-packet one-way delay: 15.058 ms  
Loss rate: 19.50%

Run 8: Report of Verus — Data Link

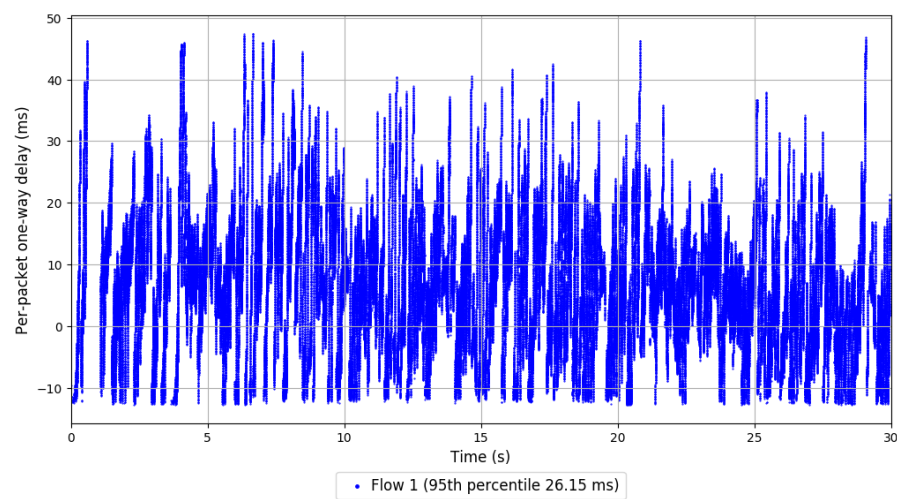
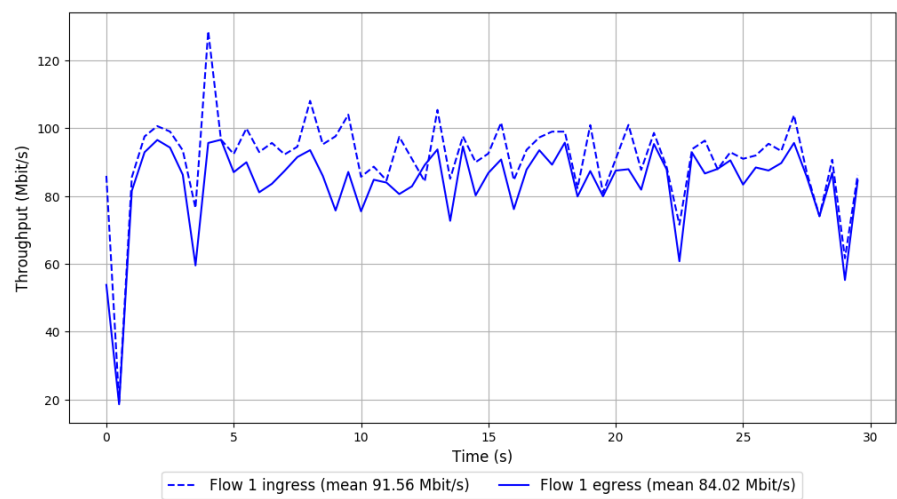


Run 9: Statistics of Verus

Start at: 2017-08-29 14:24:22  
End at: 2017-08-29 14:24:52  
Local clock offset: 3.351 ms  
Remote clock offset: -30.253 ms

# Below is generated by plot.py at 2017-08-29 16:01:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.02 Mbit/s  
95th percentile per-packet one-way delay: 26.150 ms  
Loss rate: 8.17%  
-- Flow 1:  
Average throughput: 84.02 Mbit/s  
95th percentile per-packet one-way delay: 26.150 ms  
Loss rate: 8.17%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2017-08-29 15:06:51

End at: 2017-08-29 15:07:22

Local clock offset: 4.578 ms

Remote clock offset: -33.108 ms

# Below is generated by plot.py at 2017-08-29 16:01:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.53 Mbit/s

95th percentile per-packet one-way delay: 19.389 ms

Loss rate: 13.64%

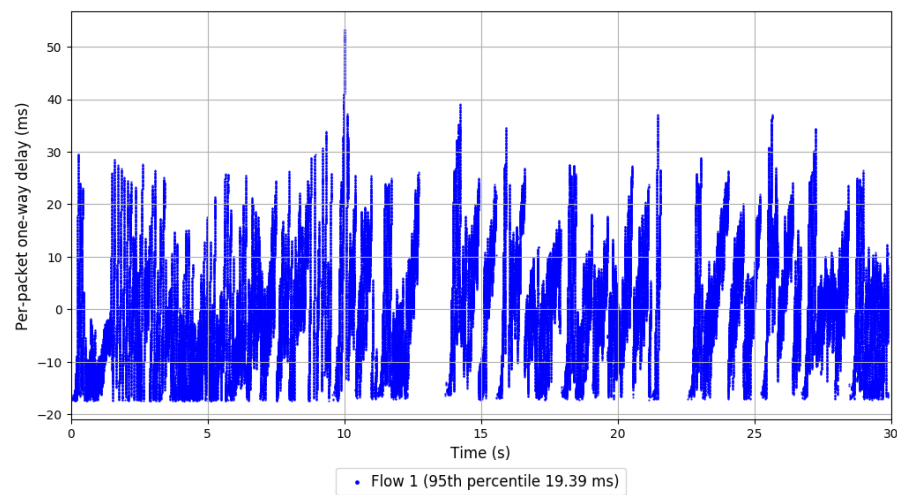
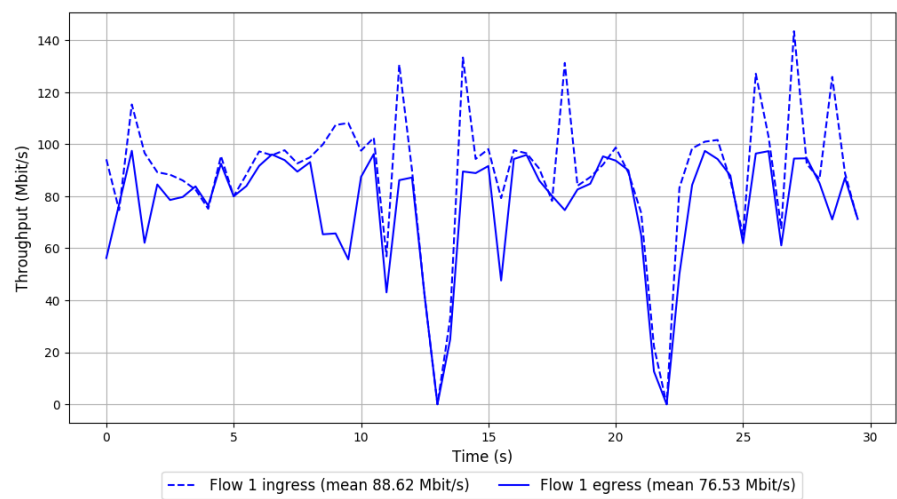
-- Flow 1:

Average throughput: 76.53 Mbit/s

95th percentile per-packet one-way delay: 19.389 ms

Loss rate: 13.64%

Run 10: Report of Verus — Data Link



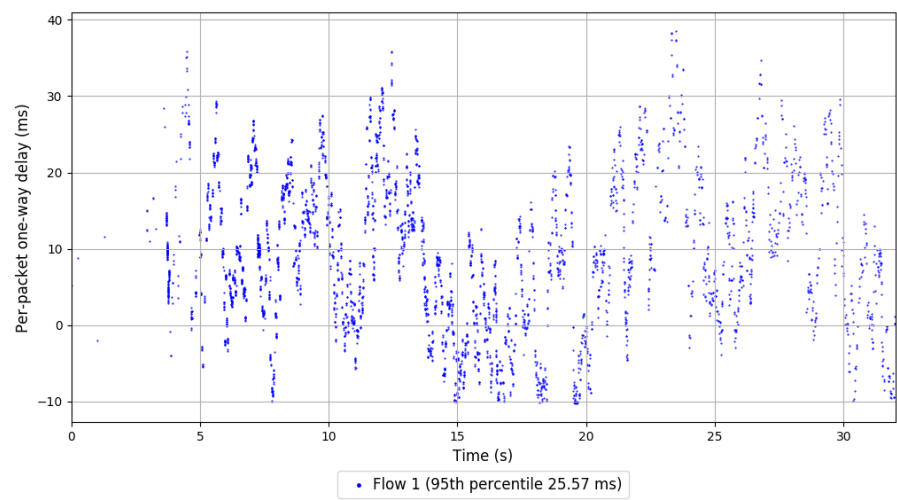
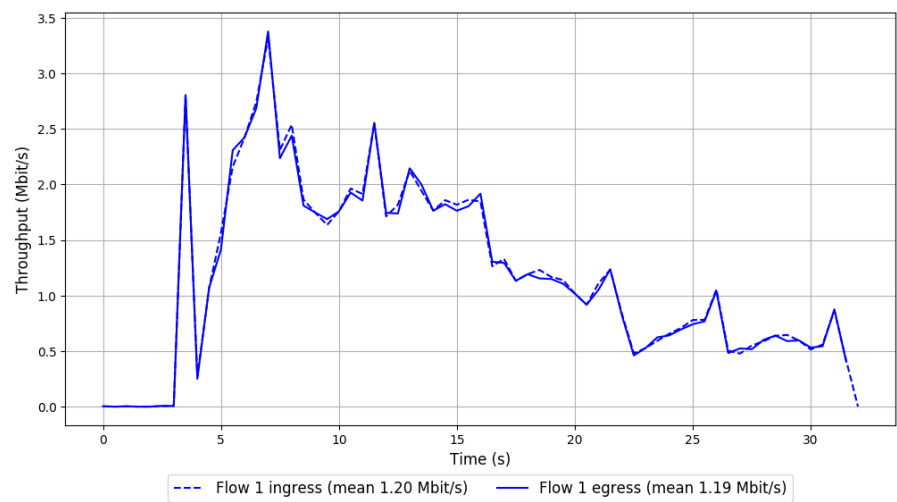
Run 1: Statistics of WebRTC media

Start at: 2017-08-29 11:00:48  
End at: 2017-08-29 11:01:18  
Local clock offset: -2.228 ms  
Remote clock offset: -31.852 ms

# Below is generated by plot.py at 2017-08-29 16:01:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 1.19 Mbit/s  
95th percentile per-packet one-way delay: 25.575 ms  
Loss rate: 0.84%  
-- Flow 1:  
Average throughput: 1.19 Mbit/s  
95th percentile per-packet one-way delay: 25.575 ms  
Loss rate: 0.84%



Run 1: Report of WebRTC media — Data Link

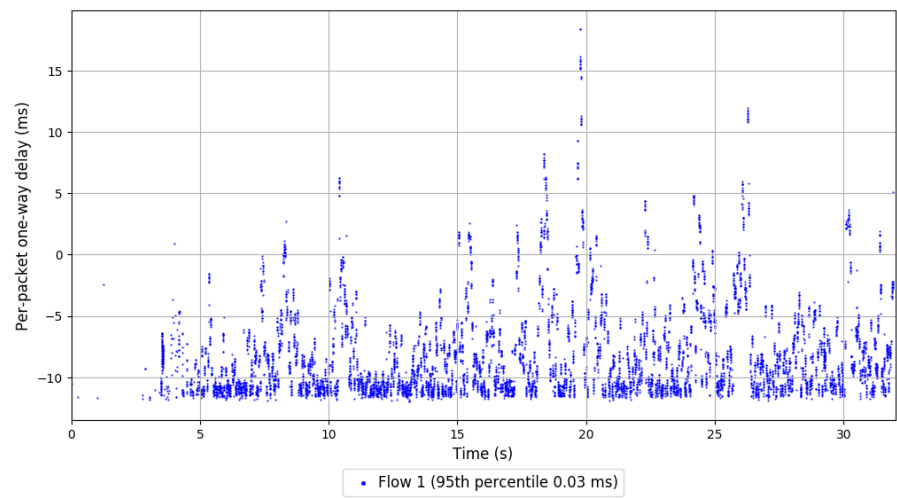
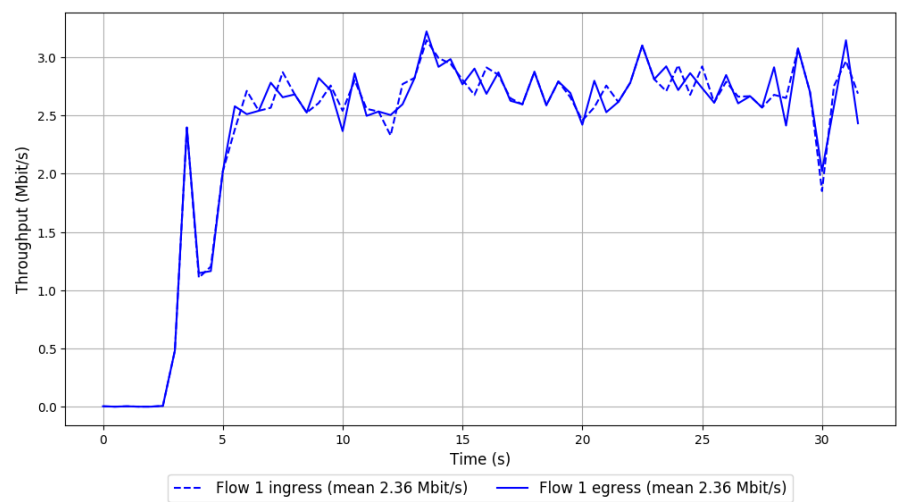


Run 2: Statistics of WebRTC media

Start at: 2017-08-29 11:28:08  
End at: 2017-08-29 11:28:38  
Local clock offset: 0.32 ms  
Remote clock offset: -34.787 ms

# Below is generated by plot.py at 2017-08-29 16:01:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.36 Mbit/s  
95th percentile per-packet one-way delay: 0.029 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 2.36 Mbit/s  
95th percentile per-packet one-way delay: 0.029 ms  
Loss rate: 0.05%

Run 2: Report of WebRTC media — Data Link

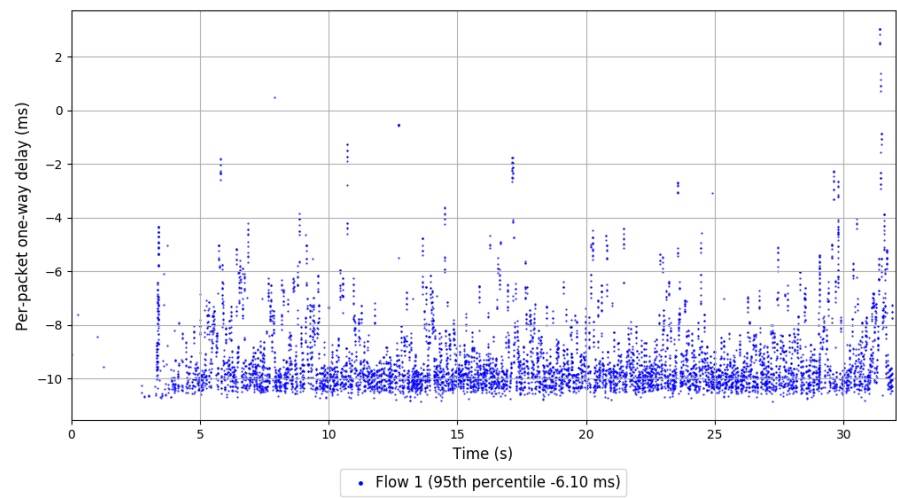
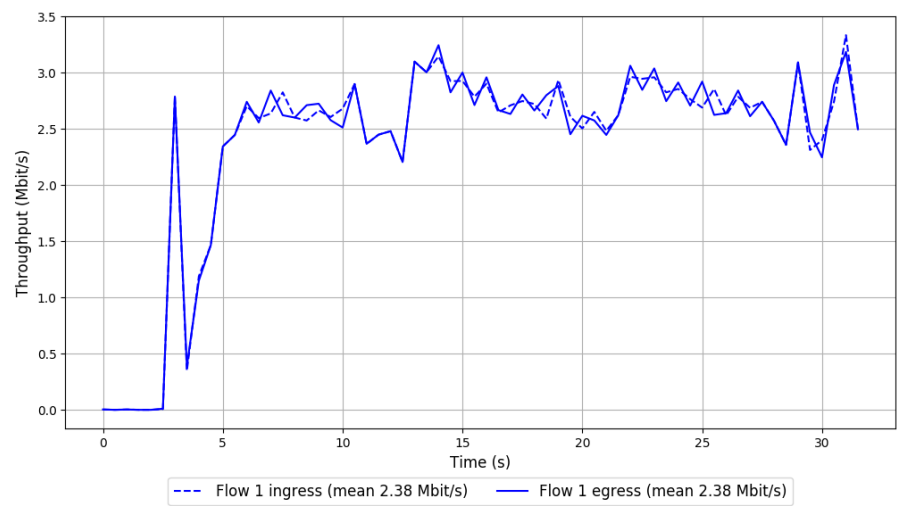


Run 3: Statistics of WebRTC media

Start at: 2017-08-29 12:11:55  
End at: 2017-08-29 12:12:25  
Local clock offset: -1.09 ms  
Remote clock offset: -35.656 ms

# Below is generated by plot.py at 2017-08-29 16:01:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: -6.098 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: -6.098 ms  
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

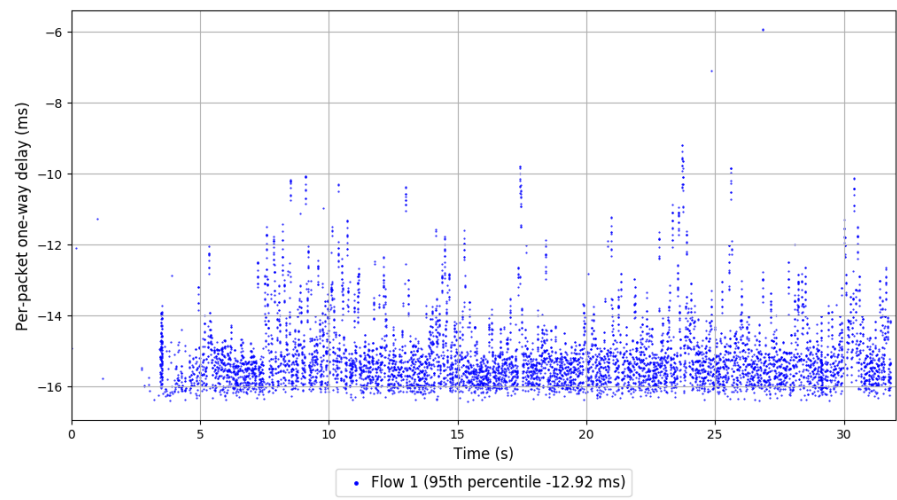
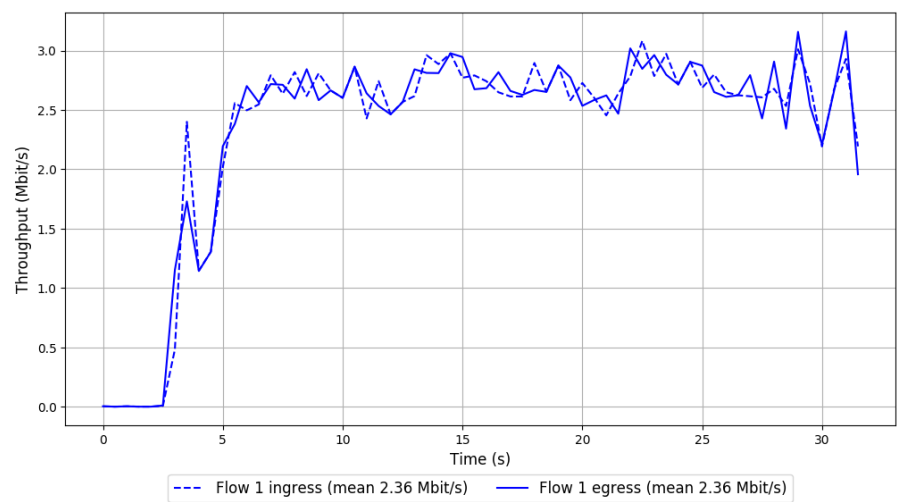


Run 4: Statistics of WebRTC media

Start at: 2017-08-29 12:30:15  
End at: 2017-08-29 12:30:45  
Local clock offset: 1.68 ms  
Remote clock offset: -36.377 ms

# Below is generated by plot.py at 2017-08-29 16:01:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.36 Mbit/s  
95th percentile per-packet one-way delay: -12.916 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 2.36 Mbit/s  
95th percentile per-packet one-way delay: -12.916 ms  
Loss rate: 0.01%

Run 4: Report of WebRTC media — Data Link



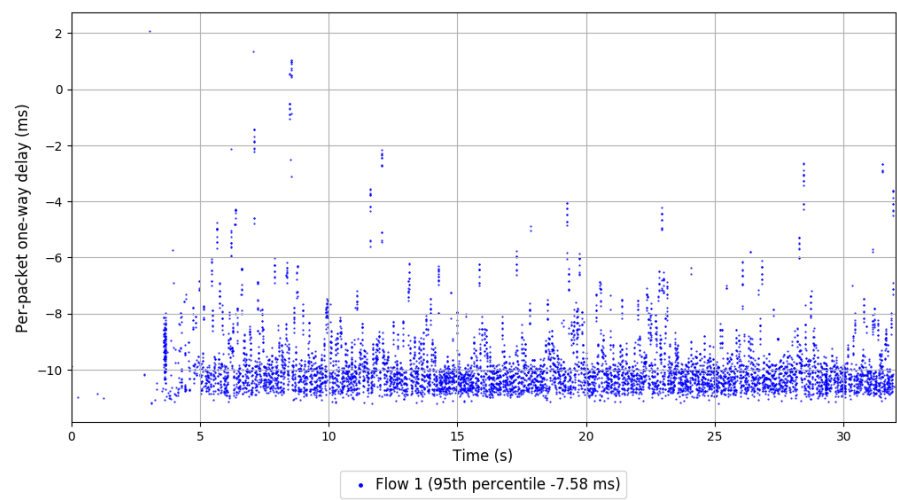
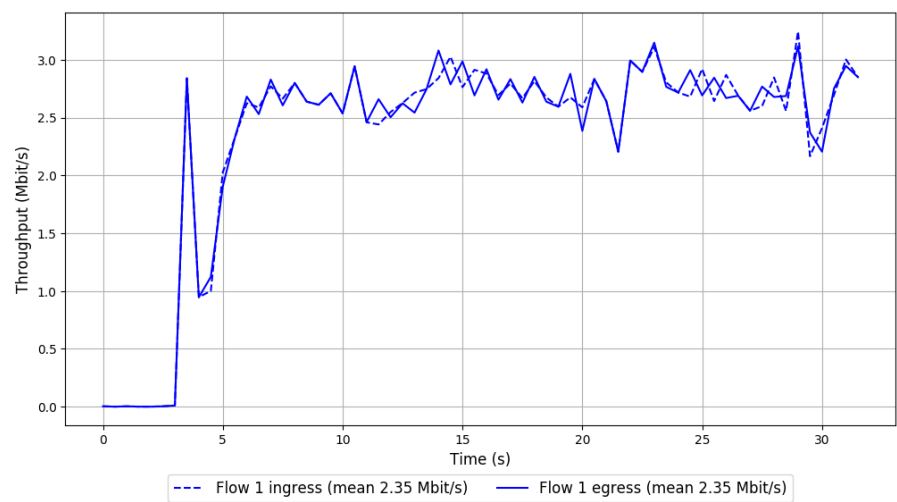
Run 5: Statistics of WebRTC media

Start at: 2017-08-29 12:48:36  
End at: 2017-08-29 12:49:06  
Local clock offset: 0.418 ms  
Remote clock offset: -34.781 ms

# Below is generated by plot.py at 2017-08-29 16:01:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.35 Mbit/s  
95th percentile per-packet one-way delay: -7.576 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.35 Mbit/s  
95th percentile per-packet one-way delay: -7.576 ms  
Loss rate: 0.00%



Run 5: Report of WebRTC media — Data Link

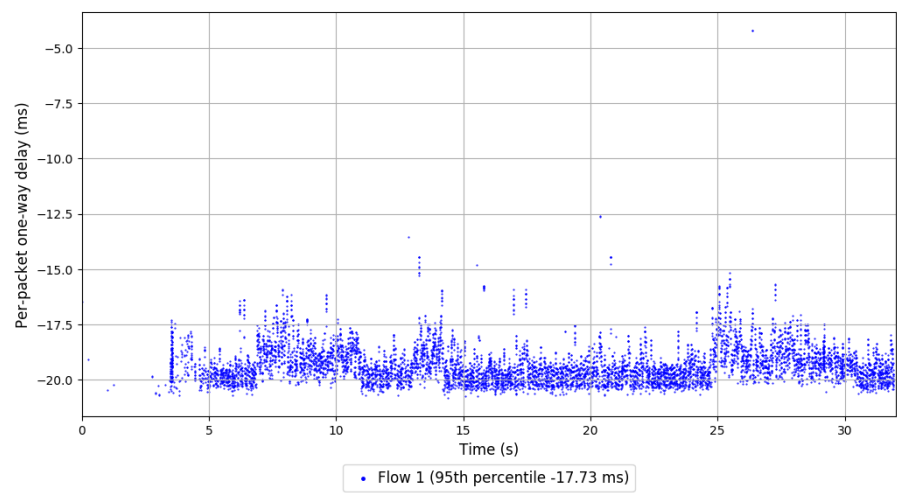
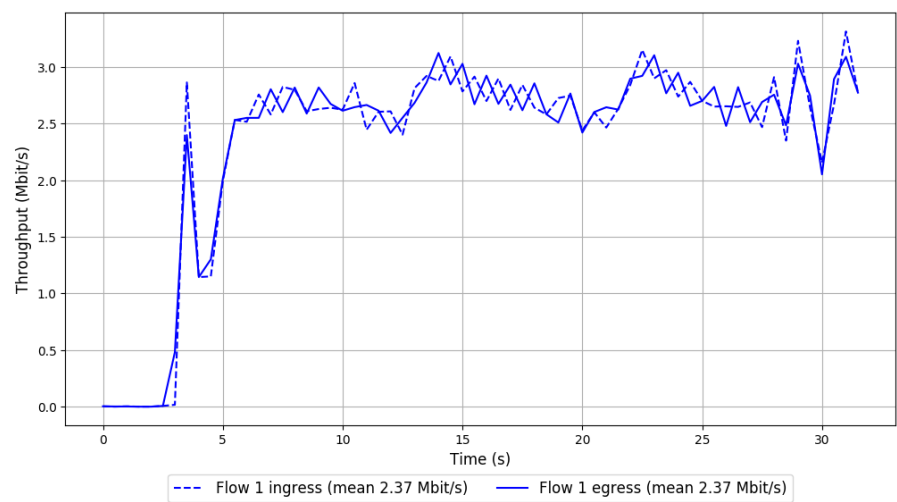


Run 6: Statistics of WebRTC media

Start at: 2017-08-29 13:08:37  
End at: 2017-08-29 13:09:07  
Local clock offset: 6.729 ms  
Remote clock offset: -34.64 ms

# Below is generated by plot.py at 2017-08-29 16:01:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: -17.726 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: -17.726 ms  
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

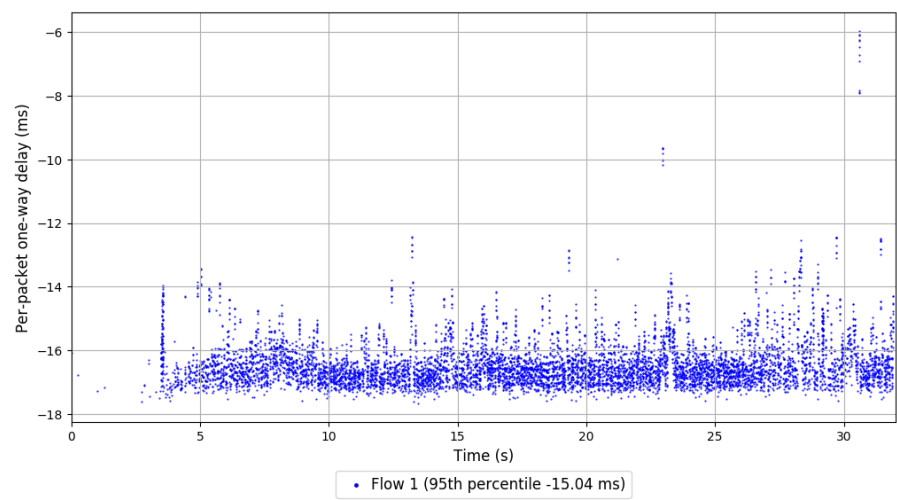
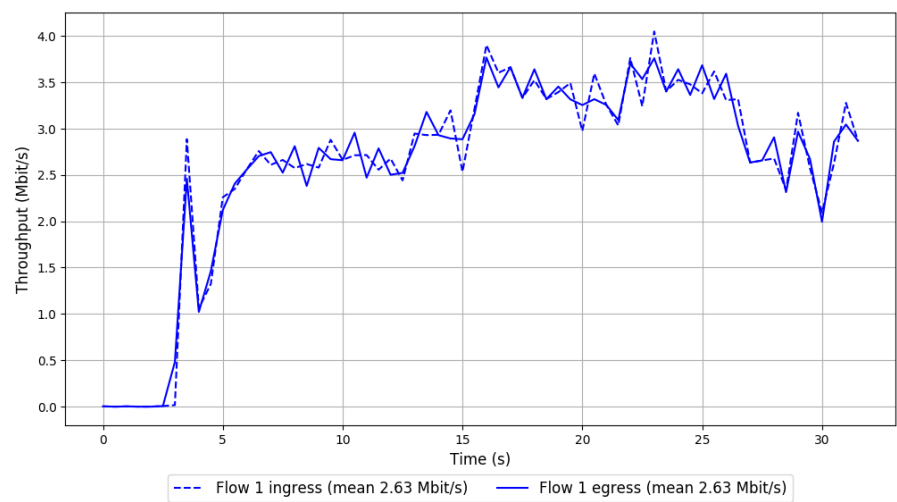


Run 7: Statistics of WebRTC media

Start at: 2017-08-29 13:30:07  
End at: 2017-08-29 13:30:37  
Local clock offset: 5.449 ms  
Remote clock offset: -32.795 ms

# Below is generated by plot.py at 2017-08-29 16:01:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.63 Mbit/s  
95th percentile per-packet one-way delay: -15.044 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 2.63 Mbit/s  
95th percentile per-packet one-way delay: -15.044 ms  
Loss rate: 0.03%

Run 7: Report of WebRTC media — Data Link

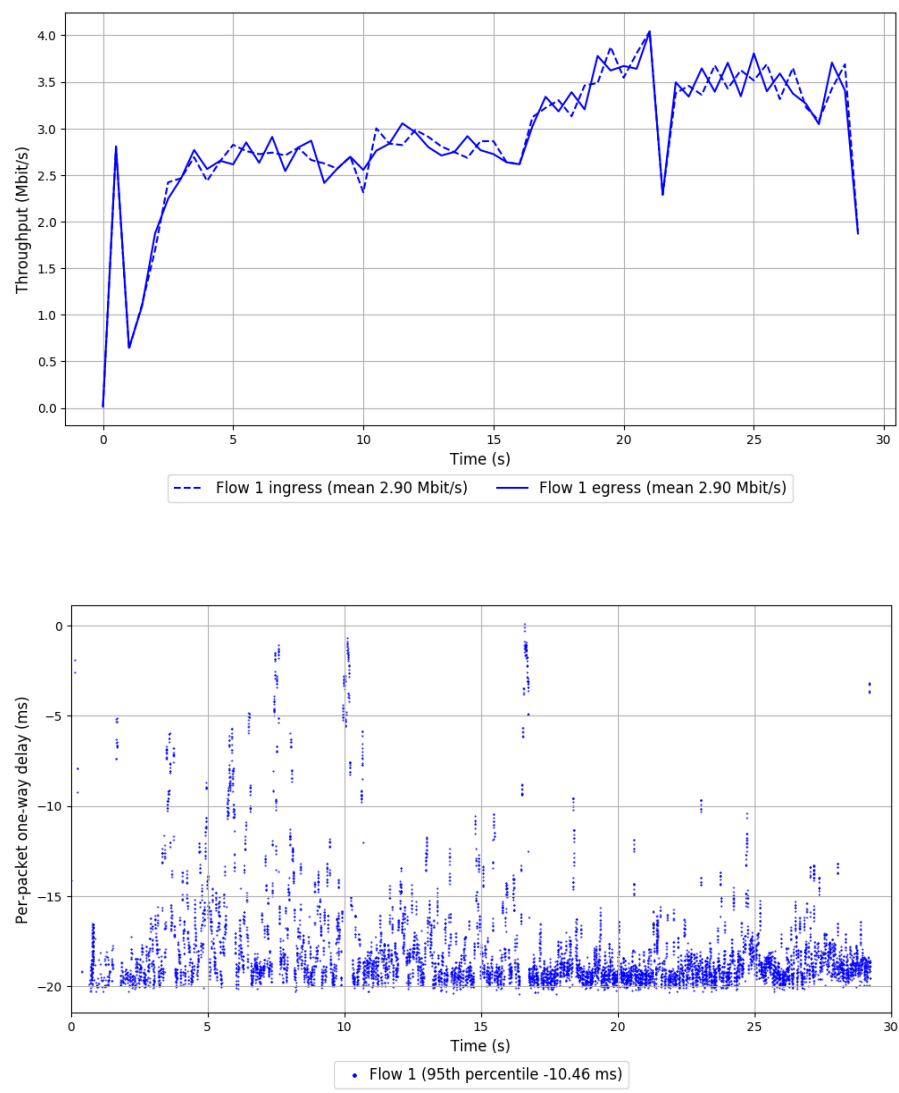


Run 8: Statistics of WebRTC media

Start at: 2017-08-29 13:50:06  
End at: 2017-08-29 13:50:36  
Local clock offset: 4.633 ms  
Remote clock offset: -36.428 ms

# Below is generated by plot.py at 2017-08-29 16:01:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.90 Mbit/s  
95th percentile per-packet one-way delay: -10.459 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 2.90 Mbit/s  
95th percentile per-packet one-way delay: -10.459 ms  
Loss rate: 0.07%

Run 8: Report of WebRTC media — Data Link



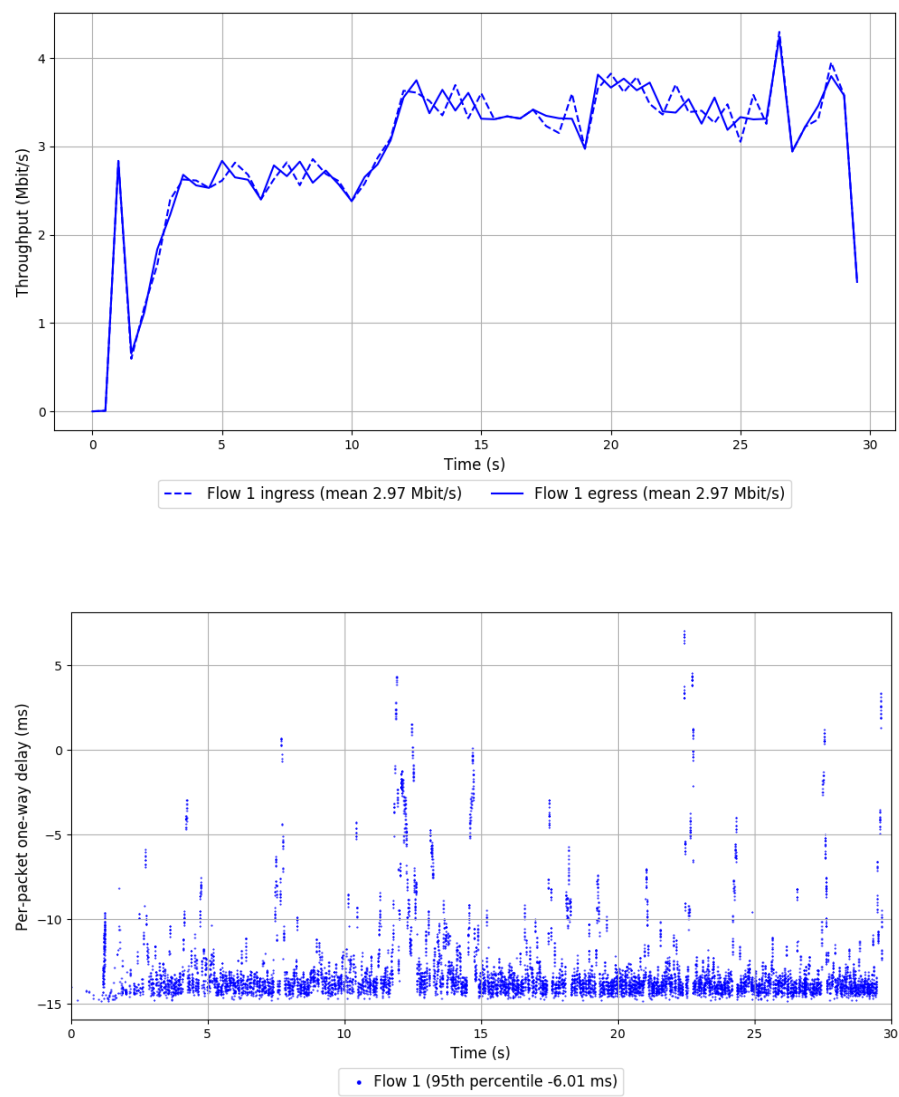
Run 9: Statistics of WebRTC media

Start at: 2017-08-29 14:09:25  
End at: 2017-08-29 14:09:55  
Local clock offset: 5.911 ms  
Remote clock offset: -32.713 ms

# Below is generated by plot.py at 2017-08-29 16:01:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.97 Mbit/s  
95th percentile per-packet one-way delay: -6.012 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 2.97 Mbit/s  
95th percentile per-packet one-way delay: -6.012 ms  
Loss rate: 0.08%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-08-29 14:41:55  
End at: 2017-08-29 14:42:25  
Local clock offset: 2.248 ms  
Remote clock offset: -30.333 ms

# Below is generated by plot.py at 2017-08-29 16:01:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.57 Mbit/s  
95th percentile per-packet one-way delay: -2.683 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 2.57 Mbit/s  
95th percentile per-packet one-way delay: -2.683 ms  
Loss rate: 0.02%

Run 10: Report of WebRTC media — Data Link

