

## Pantheon Report

Generated at 2017-10-11 00:26:23 (UTC).

Data path: AWS California 2 Ethernet (*local*) → Mexico Ethernet (*remote*).

Repeated the test of 14 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

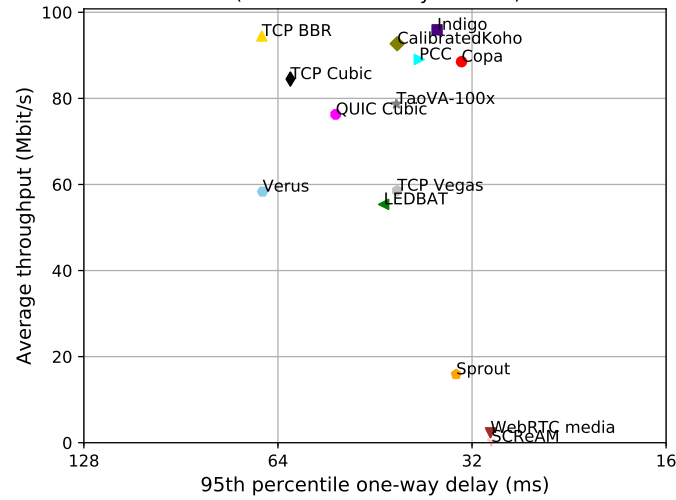
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

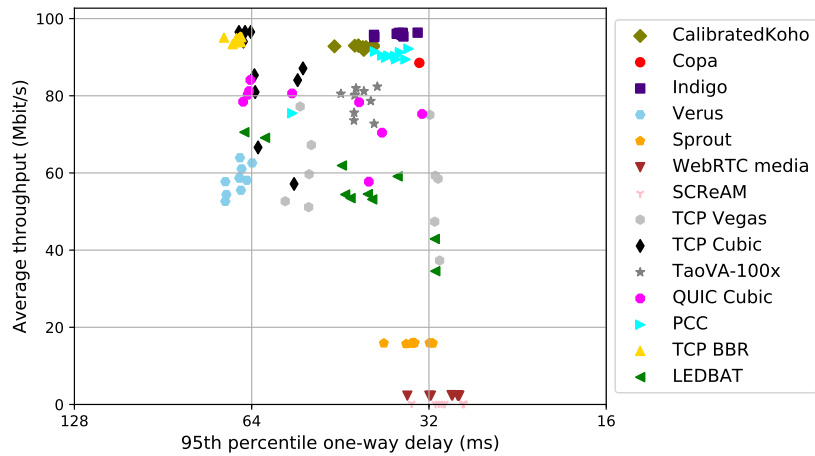
Git summary:

```
branch: indigos @ 45998d6404be7c5106956530acb9cfc43bd06e7d
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fab936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
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-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from AWS California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	94.48	67.80	22.86
TCP Cubic	10	84.49	61.22	0.27
LEDBAT	10	55.37	43.88	0.05
PCC	10	89.03	38.64	0.57
QUIC Cubic	9	76.27	52.07	0.75
SCReAM	10	0.21	29.88	0.06
WebRTC media	10	2.30	29.97	0.06
Sprout	10	15.90	33.87	0.11
TaoVA-100x	10	78.71	41.92	0.07
TCP Vegas	10	58.55	41.81	0.26
Verus	10	58.35	67.62	39.07
Copa	1	88.53	33.23	0.17
CalibratedKoho	10	92.70	41.80	0.05
Indigo	10	95.93	36.25	0.08

Run 1: Statistics of TCP BBR

Start at: 2017-10-10 20:57:01

End at: 2017-10-10 20:57:31

Local clock offset: 2.359 ms

Remote clock offset: 3.794 ms

# Below is generated by plot.py at 2017-10-11 00:09:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.08 Mbit/s

95th percentile per-packet one-way delay: 71.318 ms

Loss rate: 22.88%

-- Flow 1:

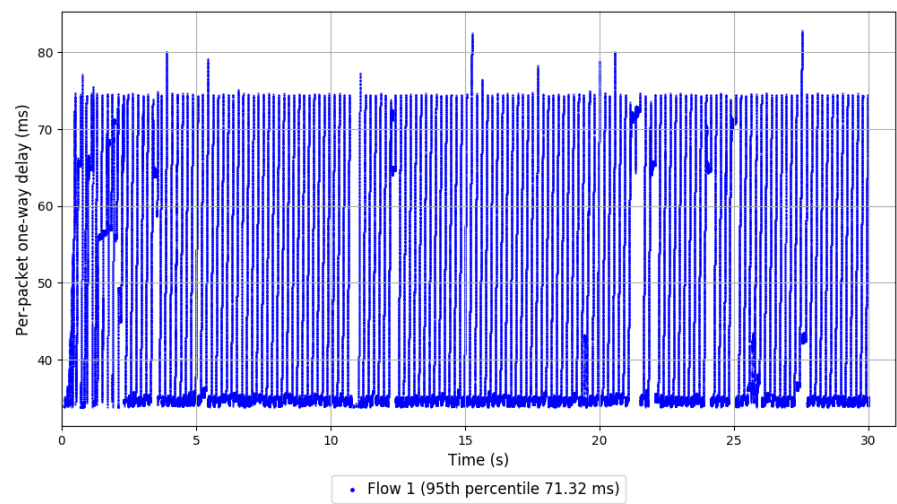
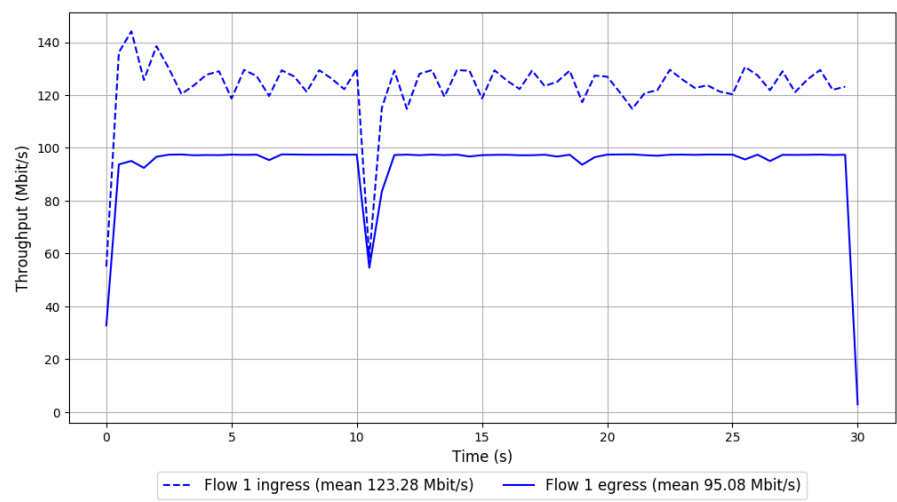
Average throughput: 95.08 Mbit/s

95th percentile per-packet one-way delay: 71.318 ms

Loss rate: 22.88%



Run 1: Report of TCP BBR — Data Link

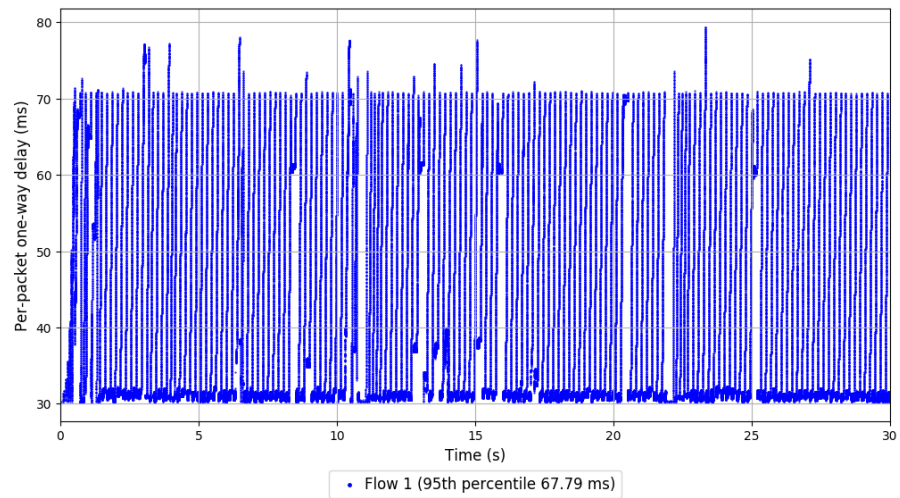
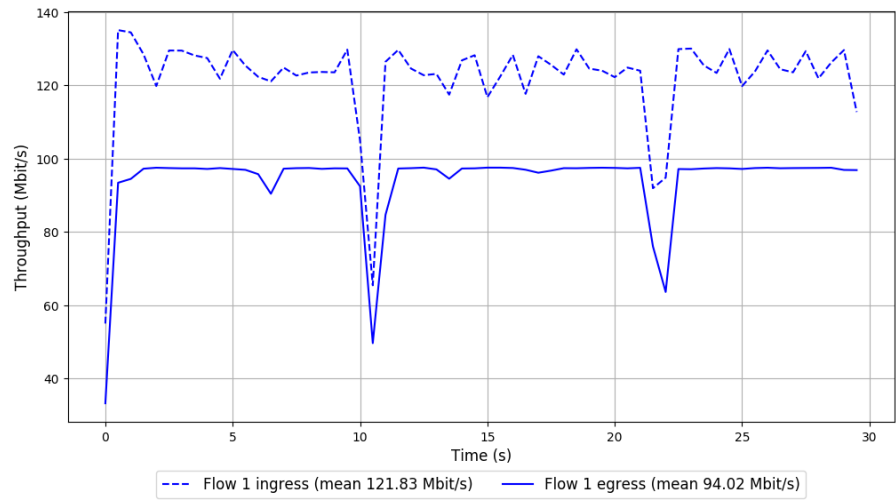


Run 2: Statistics of TCP BBR

Start at: 2017-10-10 21:15:41  
End at: 2017-10-10 21:16:11  
Local clock offset: 1.95 ms  
Remote clock offset: -0.031 ms

# Below is generated by plot.py at 2017-10-11 00:09:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.02 Mbit/s  
95th percentile per-packet one-way delay: 67.786 ms  
Loss rate: 22.83%  
-- Flow 1:  
Average throughput: 94.02 Mbit/s  
95th percentile per-packet one-way delay: 67.786 ms  
Loss rate: 22.83%

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



Run 3: Statistics of TCP BBR

Start at: 2017-10-10 21:34:19

End at: 2017-10-10 21:34:49

Local clock offset: 1.577 ms

Remote clock offset: 0.096 ms

# Below is generated by plot.py at 2017-10-11 00:09:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.38 Mbit/s

95th percentile per-packet one-way delay: 68.943 ms

Loss rate: 22.85%

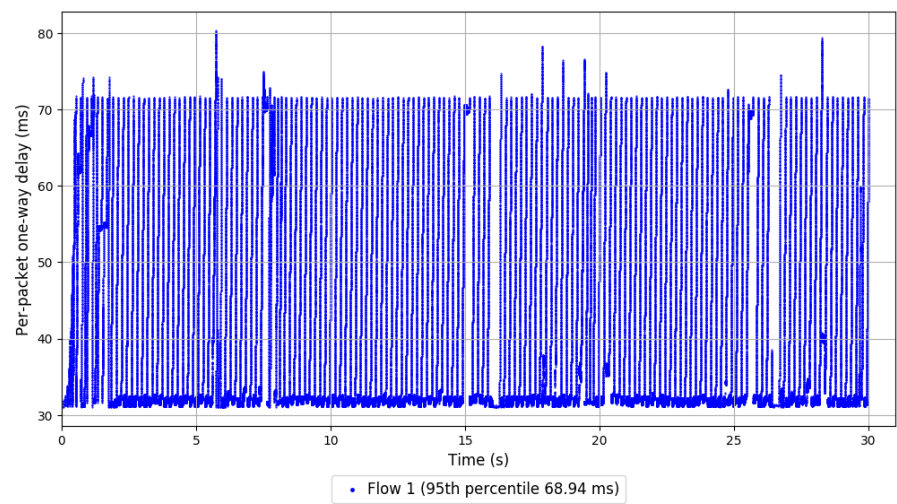
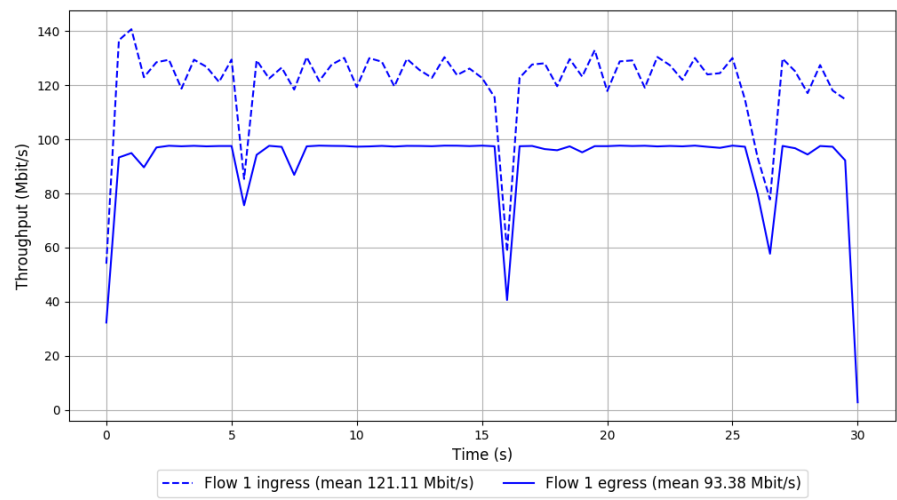
-- Flow 1:

Average throughput: 93.38 Mbit/s

95th percentile per-packet one-way delay: 68.943 ms

Loss rate: 22.85%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-10-10 21:52:56

End at: 2017-10-10 21:53:26

Local clock offset: 1.736 ms

Remote clock offset: -0.817 ms

# Below is generated by plot.py at 2017-10-11 00:09:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.31 Mbit/s

95th percentile per-packet one-way delay: 66.930 ms

Loss rate: 22.99%

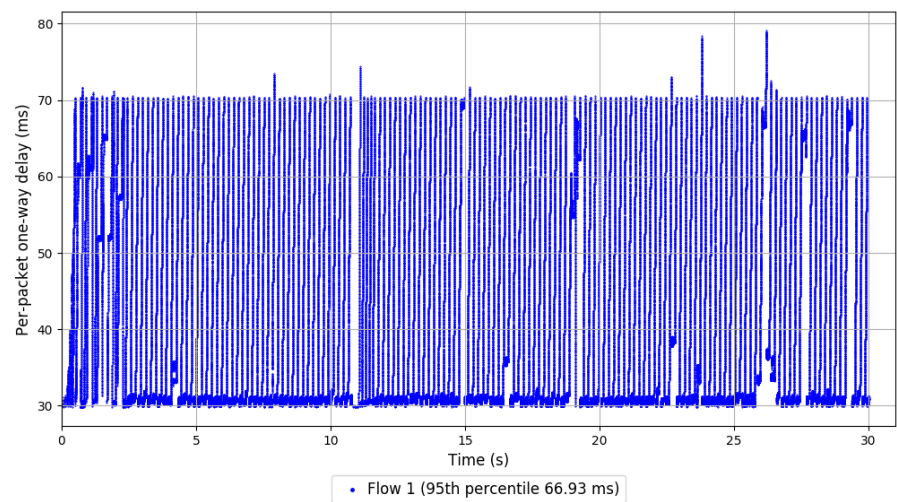
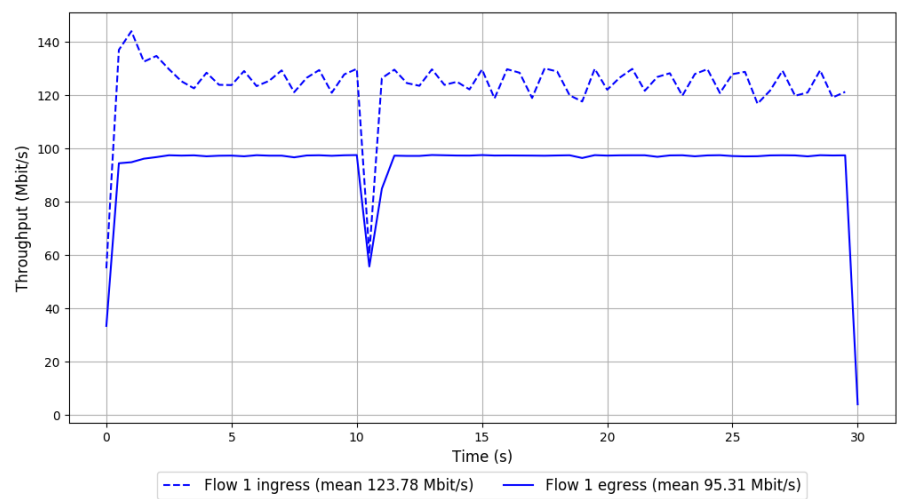
-- Flow 1:

Average throughput: 95.31 Mbit/s

95th percentile per-packet one-way delay: 66.930 ms

Loss rate: 22.99%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-10-10 22:11:33

End at: 2017-10-10 22:12:03

Local clock offset: 1.788 ms

Remote clock offset: -1.48 ms

# Below is generated by plot.py at 2017-10-11 00:09:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.93 Mbit/s

95th percentile per-packet one-way delay: 67.908 ms

Loss rate: 22.54%

-- Flow 1:

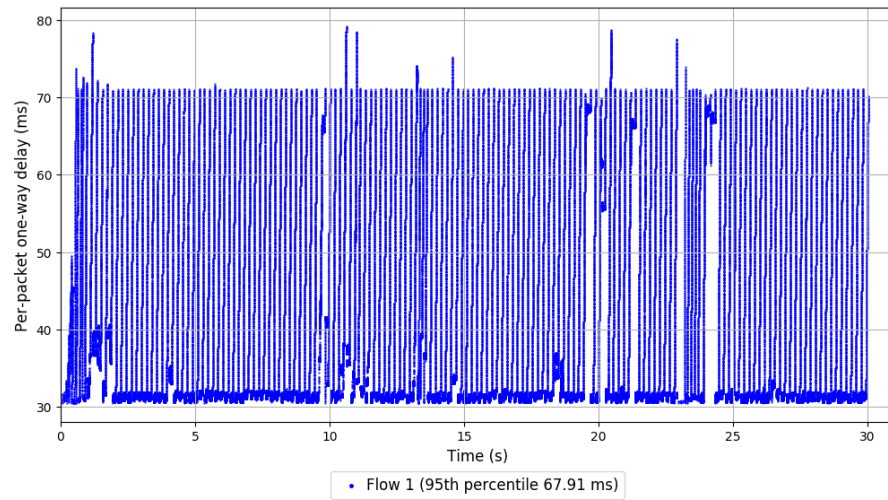
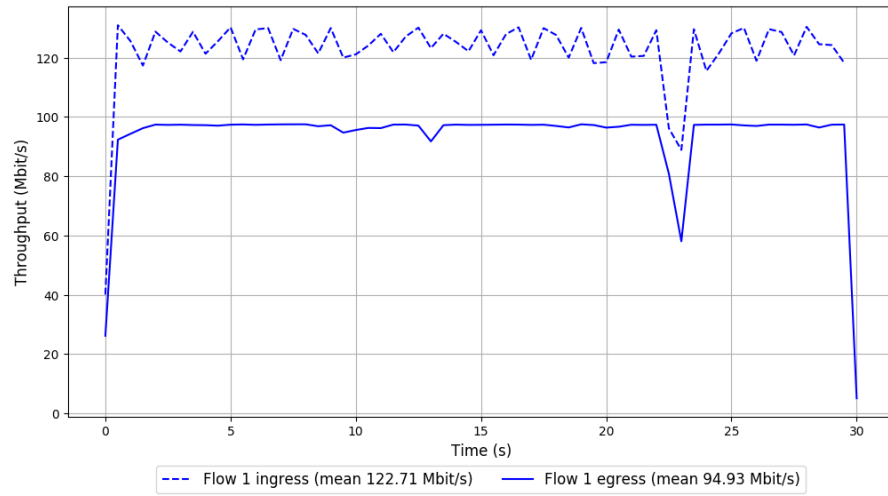
Average throughput: 94.93 Mbit/s

95th percentile per-packet one-way delay: 67.908 ms

Loss rate: 22.54%



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



Run 6: Statistics of TCP BBR

Start at: 2017-10-10 22:30:08

End at: 2017-10-10 22:30:38

Local clock offset: 1.712 ms

Remote clock offset: -1.957 ms

# Below is generated by plot.py at 2017-10-11 00:09:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.96 Mbit/s

95th percentile per-packet one-way delay: 67.340 ms

Loss rate: 22.86%

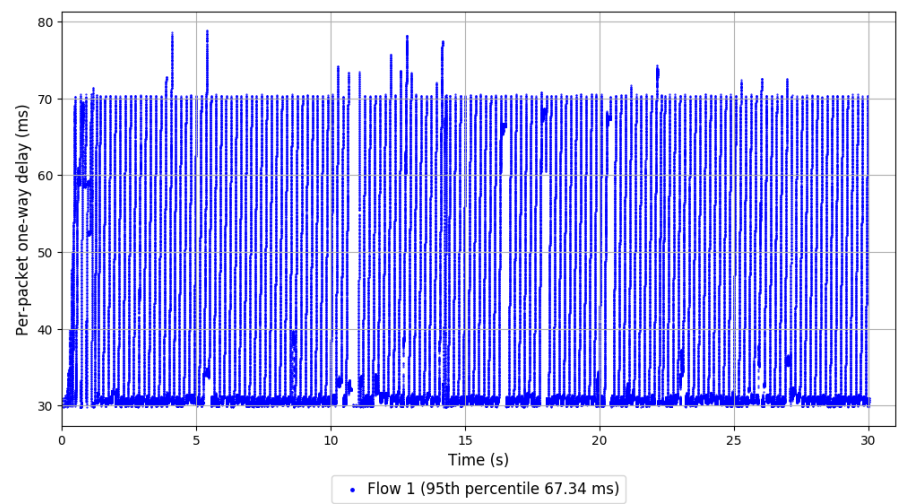
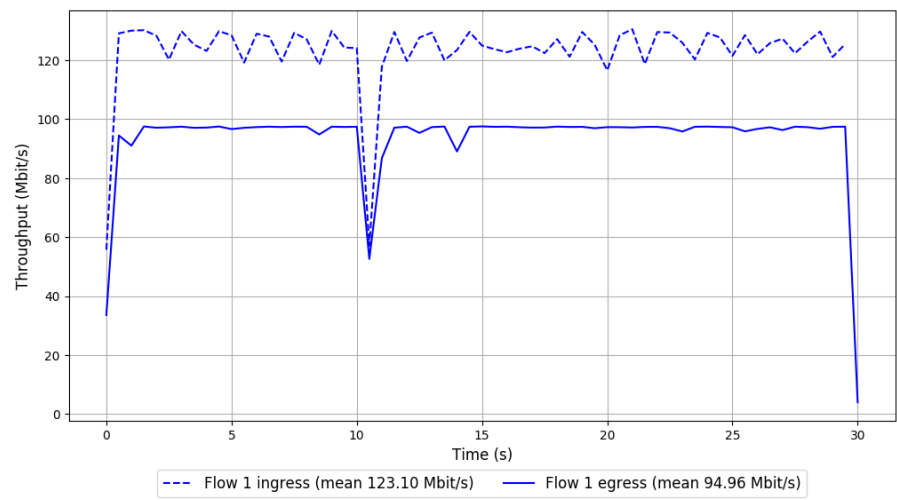
-- Flow 1:

Average throughput: 94.96 Mbit/s

95th percentile per-packet one-way delay: 67.340 ms

Loss rate: 22.86%

Run 6: Report of TCP BBR — Data Link

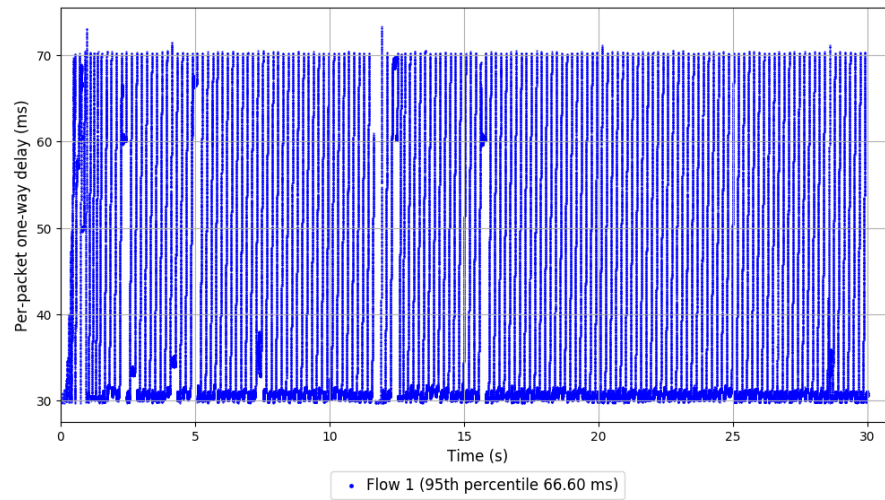
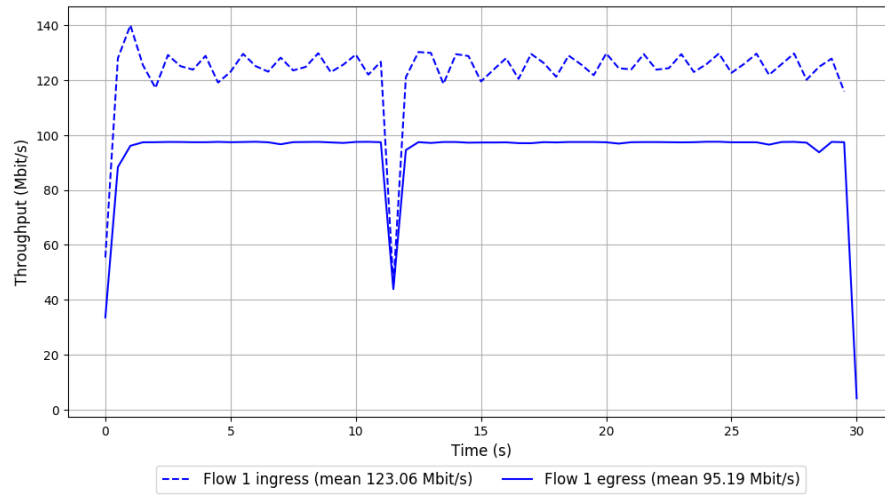


Run 7: Statistics of TCP BBR

Start at: 2017-10-10 22:48:51  
End at: 2017-10-10 22:49:21  
Local clock offset: 2.097 ms  
Remote clock offset: -2.002 ms

# Below is generated by plot.py at 2017-10-11 00:09:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.19 Mbit/s  
95th percentile per-packet one-way delay: 66.603 ms  
Loss rate: 22.64%  
-- Flow 1:  
Average throughput: 95.19 Mbit/s  
95th percentile per-packet one-way delay: 66.603 ms  
Loss rate: 22.64%

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



Run 8: Statistics of TCP BBR

Start at: 2017-10-10 23:07:25

End at: 2017-10-10 23:07:55

Local clock offset: 2.284 ms

Remote clock offset: -1.649 ms

# Below is generated by plot.py at 2017-10-11 00:09:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.12 Mbit/s

95th percentile per-packet one-way delay: 67.178 ms

Loss rate: 22.67%

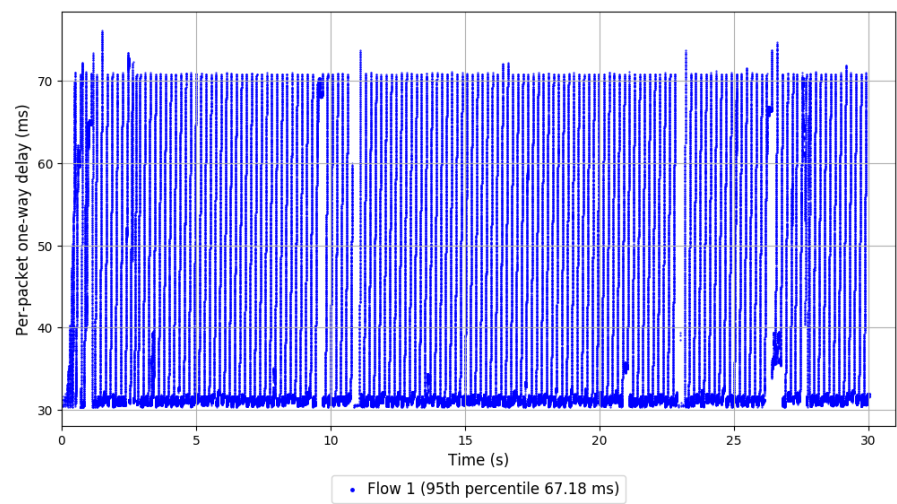
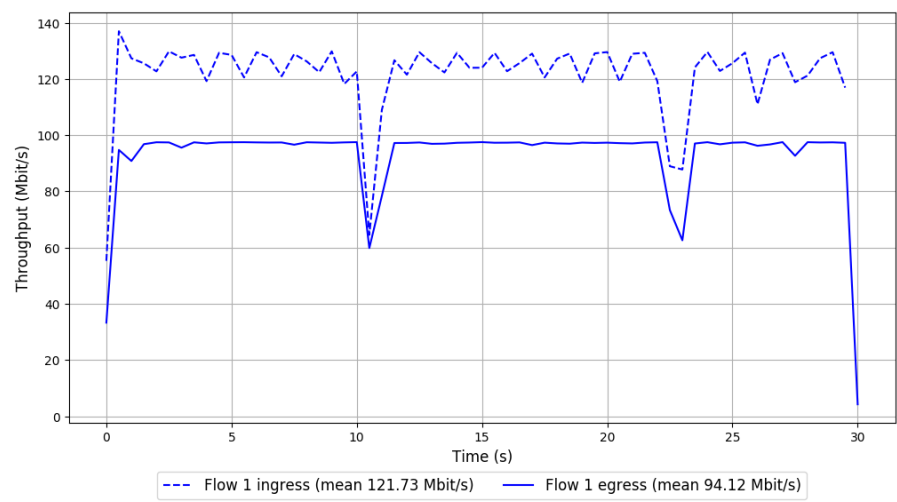
-- Flow 1:

Average throughput: 94.12 Mbit/s

95th percentile per-packet one-way delay: 67.178 ms

Loss rate: 22.67%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-10-10 23:25:54

End at: 2017-10-10 23:26:24

Local clock offset: 2.459 ms

Remote clock offset: -1.933 ms

# Below is generated by plot.py at 2017-10-11 00:11:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 67.195 ms

Loss rate: 23.37%

-- Flow 1:

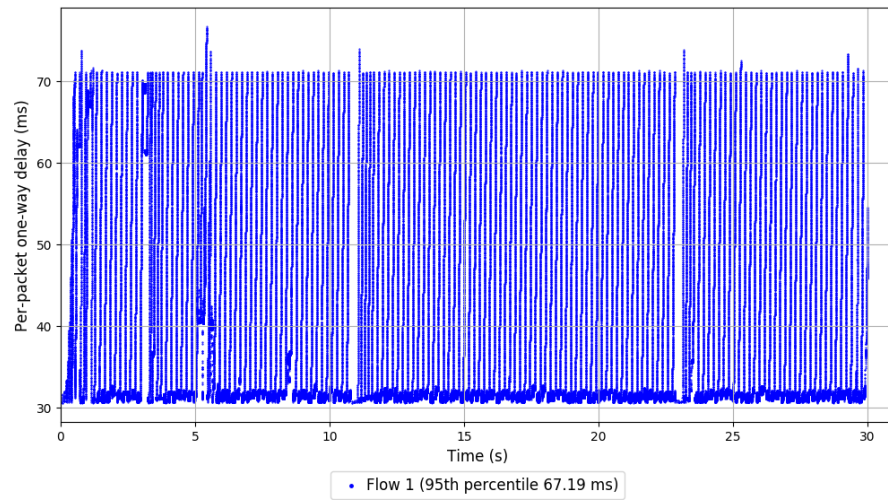
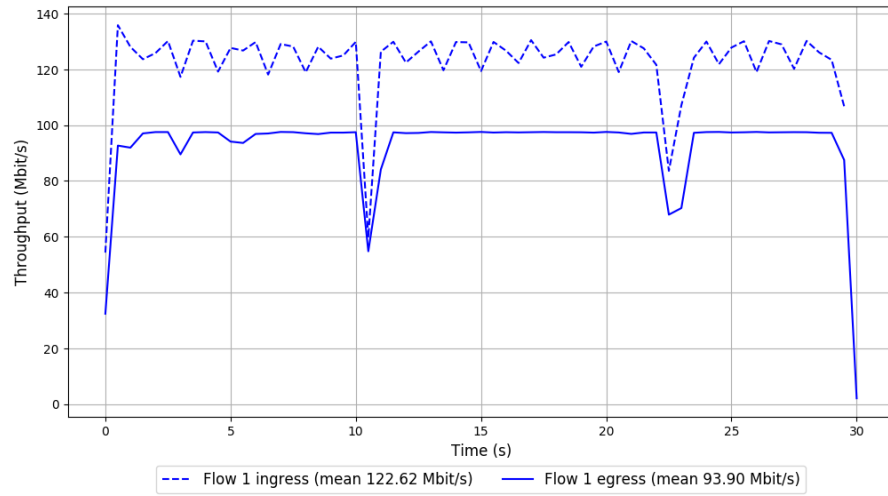
Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 67.195 ms

Loss rate: 23.37%



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



Run 10: Statistics of TCP BBR

Start at: 2017-10-10 23:44:23

End at: 2017-10-10 23:44:53

Local clock offset: 2.612 ms

Remote clock offset: -1.461 ms

# Below is generated by plot.py at 2017-10-11 00:11:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.94 Mbit/s

95th percentile per-packet one-way delay: 66.781 ms

Loss rate: 22.99%

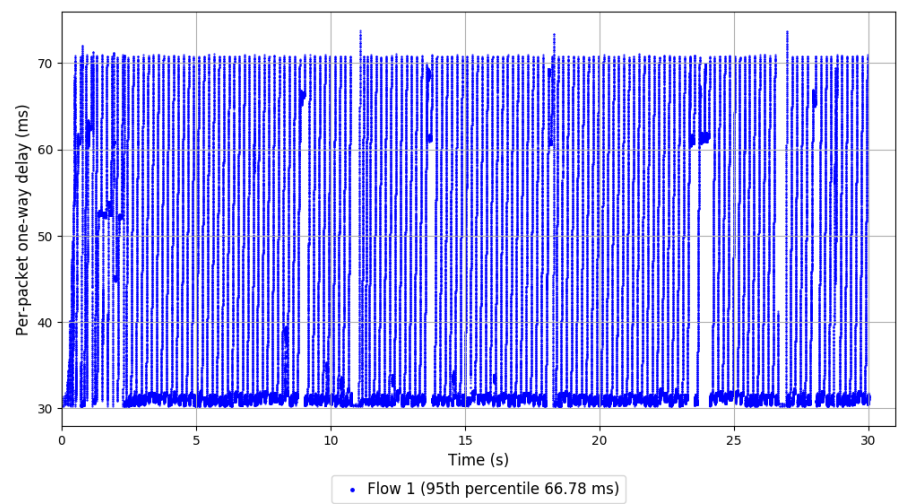
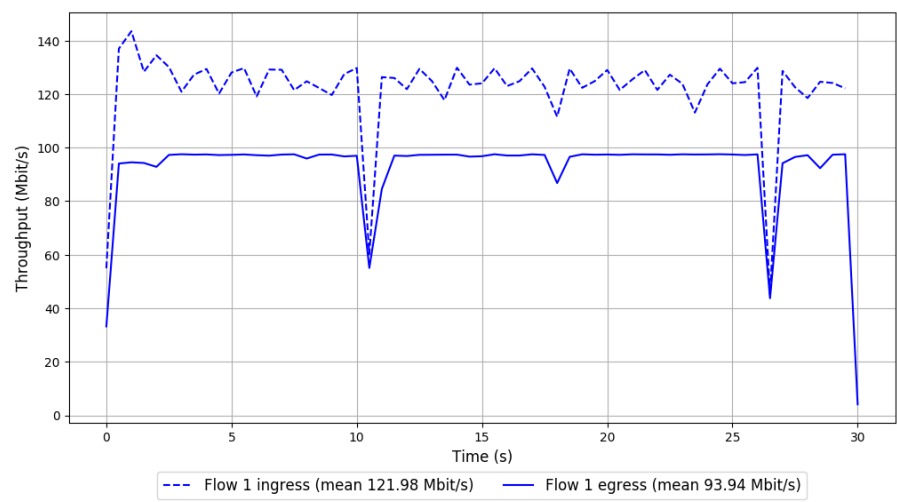
-- Flow 1:

Average throughput: 93.94 Mbit/s

95th percentile per-packet one-way delay: 66.781 ms

Loss rate: 22.99%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-10-10 20:42:43

End at: 2017-10-10 20:43:13

Local clock offset: 2.634 ms

Remote clock offset: 3.87 ms

# Below is generated by plot.py at 2017-10-11 00:11:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.10 Mbit/s

95th percentile per-packet one-way delay: 52.365 ms

Loss rate: 0.06%

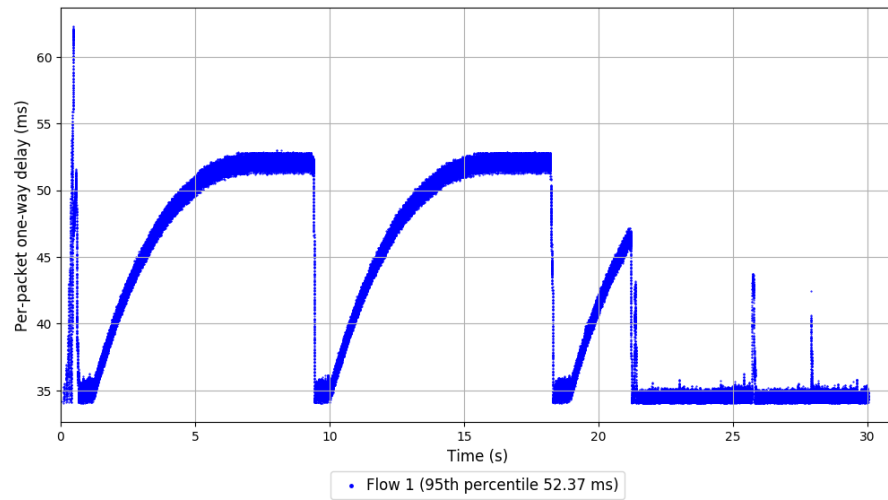
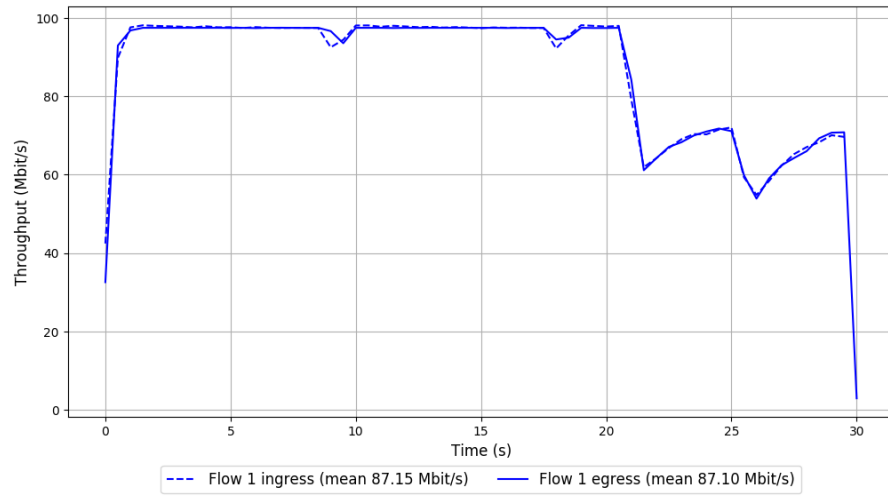
-- Flow 1:

Average throughput: 87.10 Mbit/s

95th percentile per-packet one-way delay: 52.365 ms

Loss rate: 0.06%

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

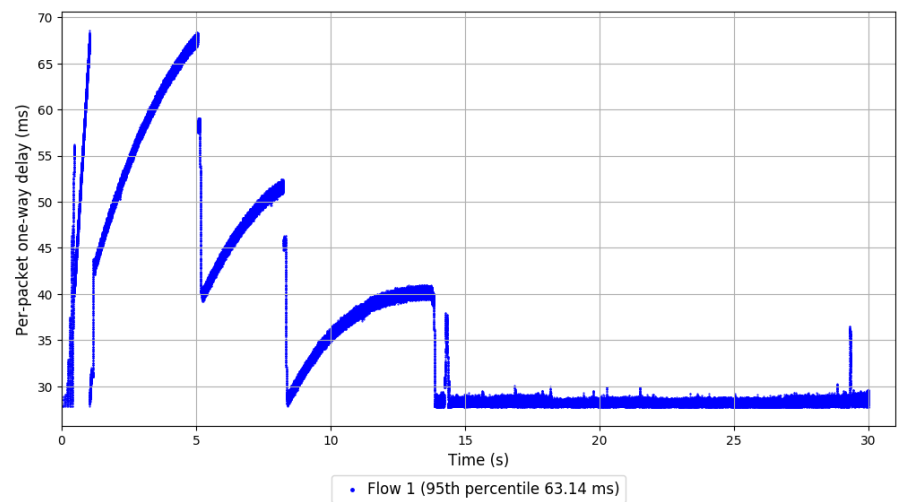
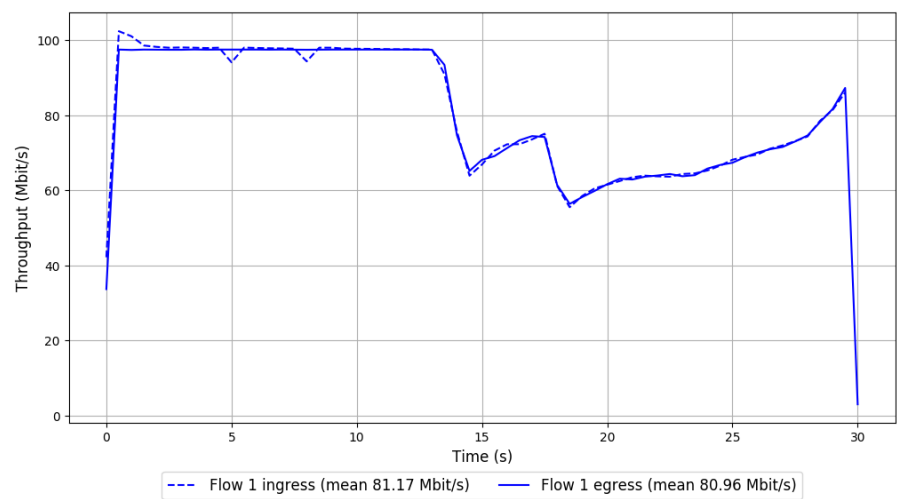


Run 2: Statistics of TCP Cubic

Start at: 2017-10-10 21:01:10  
End at: 2017-10-10 21:01:40  
Local clock offset: 2.181 ms  
Remote clock offset: -2.412 ms

# Below is generated by plot.py at 2017-10-11 00:11:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 80.96 Mbit/s  
95th percentile per-packet one-way delay: 63.137 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 80.96 Mbit/s  
95th percentile per-packet one-way delay: 63.137 ms  
Loss rate: 0.26%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2017-10-10 21:19:49

End at: 2017-10-10 21:20:19

Local clock offset: 1.733 ms

Remote clock offset: -0.6 ms

# Below is generated by plot.py at 2017-10-11 00:11:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.05 Mbit/s

95th percentile per-packet one-way delay: 53.472 ms

Loss rate: 0.10%

-- Flow 1:

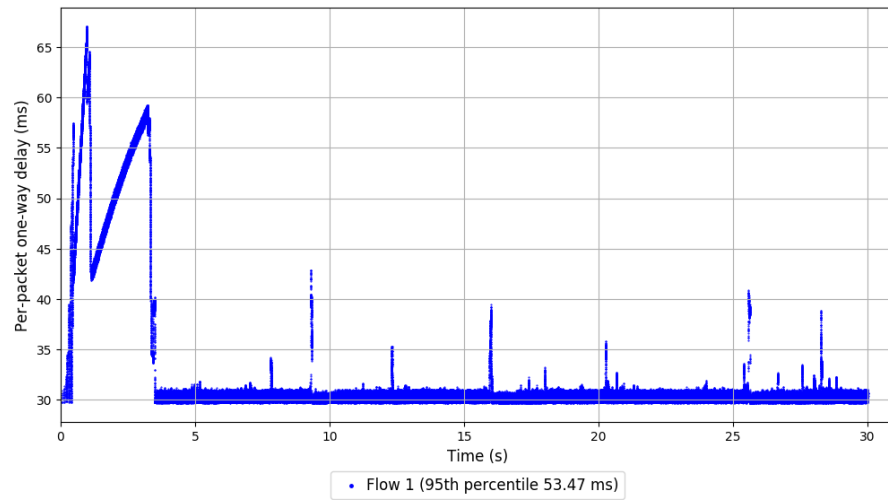
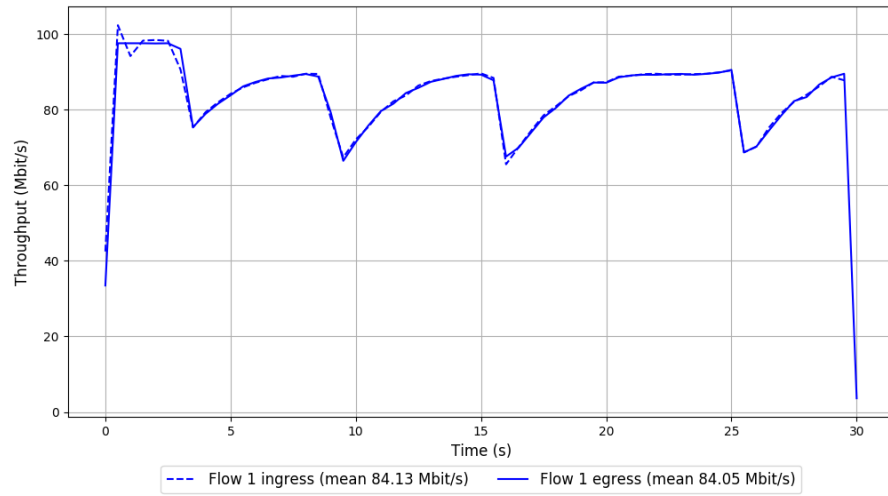
Average throughput: 84.05 Mbit/s

95th percentile per-packet one-way delay: 53.472 ms

Loss rate: 0.10%



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



Run 4: Statistics of TCP Cubic

Start at: 2017-10-10 21:38:26

End at: 2017-10-10 21:38:56

Local clock offset: 1.593 ms

Remote clock offset: -0.04 ms

# Below is generated by plot.py at 2017-10-11 00:11:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.04 Mbit/s

95th percentile per-packet one-way delay: 66.097 ms

Loss rate: 0.36%

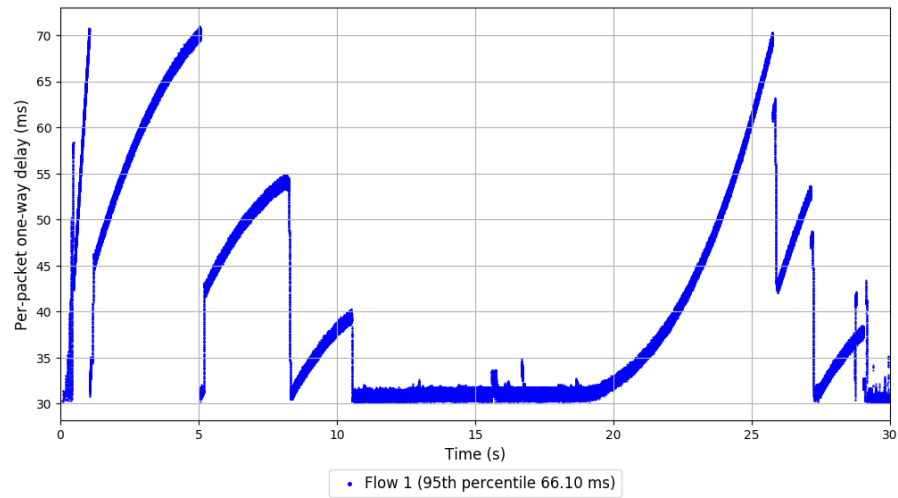
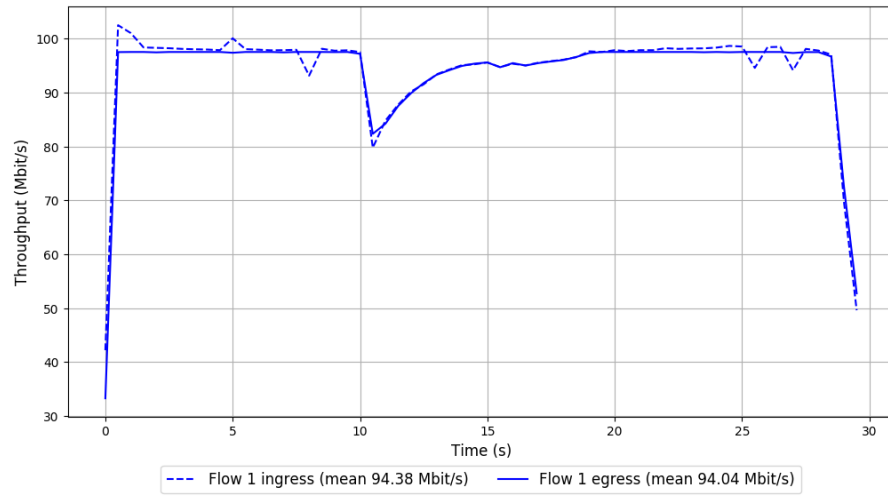
-- Flow 1:

Average throughput: 94.04 Mbit/s

95th percentile per-packet one-way delay: 66.097 ms

Loss rate: 0.36%

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

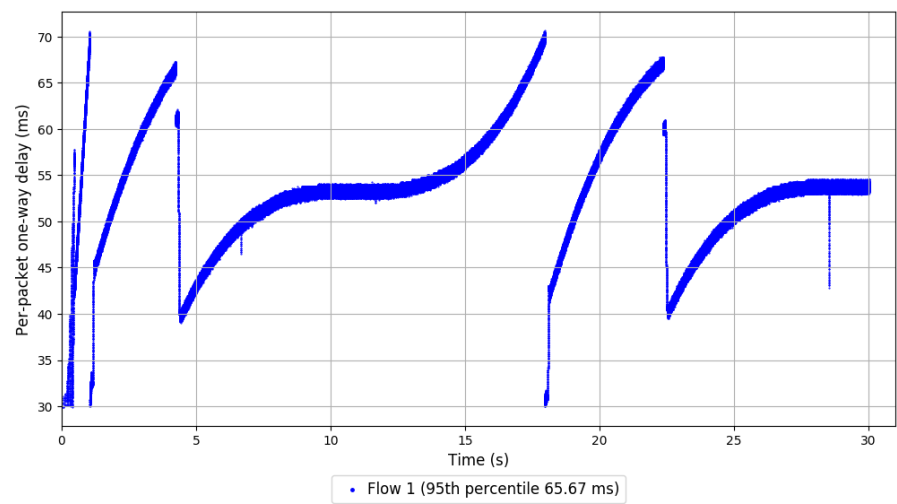
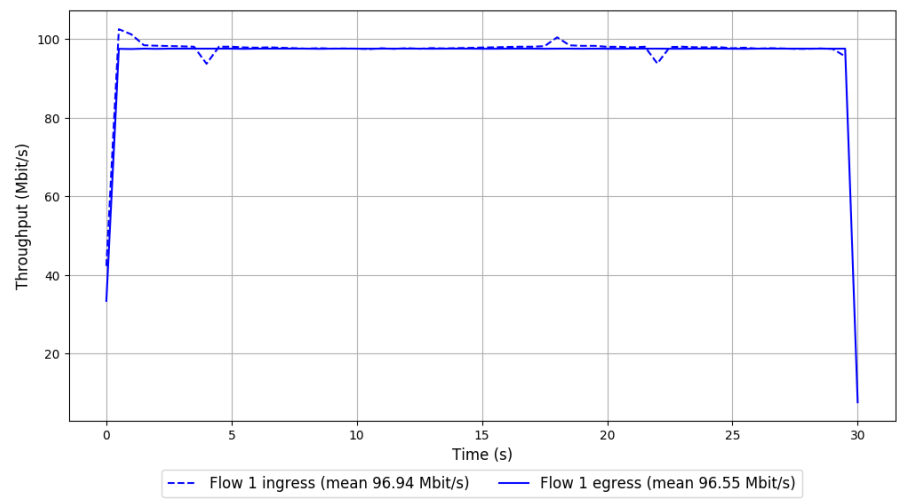


Run 5: Statistics of TCP Cubic

Start at: 2017-10-10 21:57:04  
End at: 2017-10-10 21:57:34  
Local clock offset: 1.689 ms  
Remote clock offset: -0.943 ms

# Below is generated by plot.py at 2017-10-11 00:11:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.55 Mbit/s  
95th percentile per-packet one-way delay: 65.673 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 96.55 Mbit/s  
95th percentile per-packet one-way delay: 65.673 ms  
Loss rate: 0.33%

Run 5: Report of TCP Cubic — Data Link

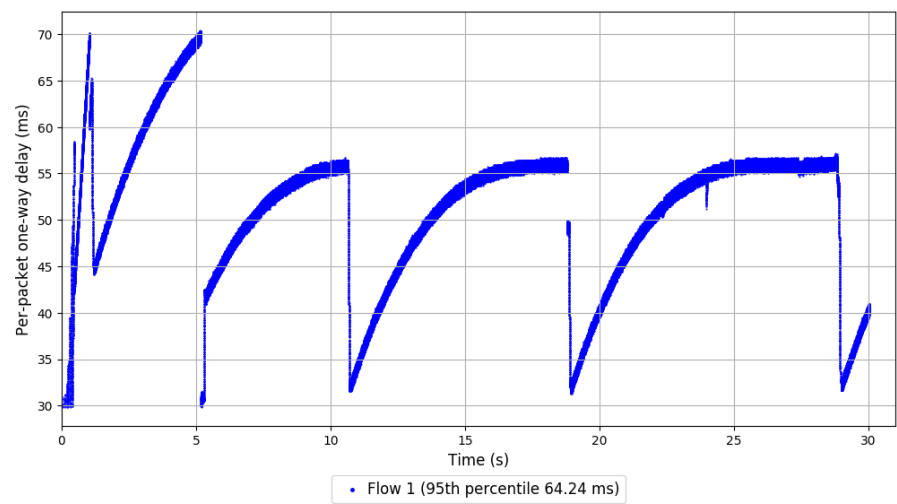
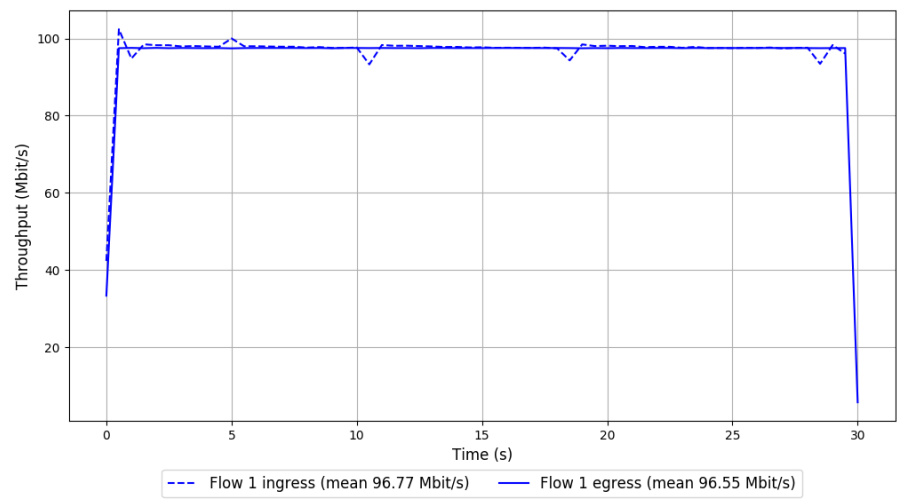


Run 6: Statistics of TCP Cubic

Start at: 2017-10-10 22:15:39  
End at: 2017-10-10 22:16:09  
Local clock offset: 1.867 ms  
Remote clock offset: -1.492 ms

# Below is generated by plot.py at 2017-10-11 00:11:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.55 Mbit/s  
95th percentile per-packet one-way delay: 64.241 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 96.55 Mbit/s  
95th percentile per-packet one-way delay: 64.241 ms  
Loss rate: 0.20%

Run 6: Report of TCP Cubic — Data Link



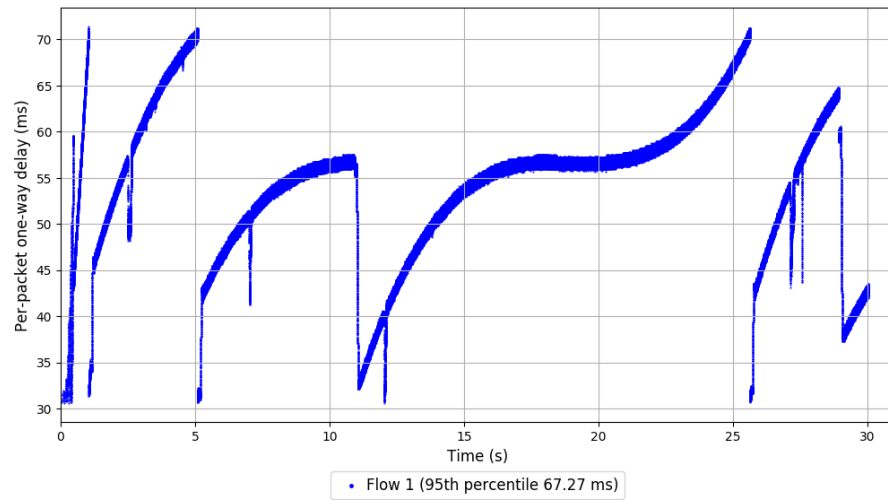
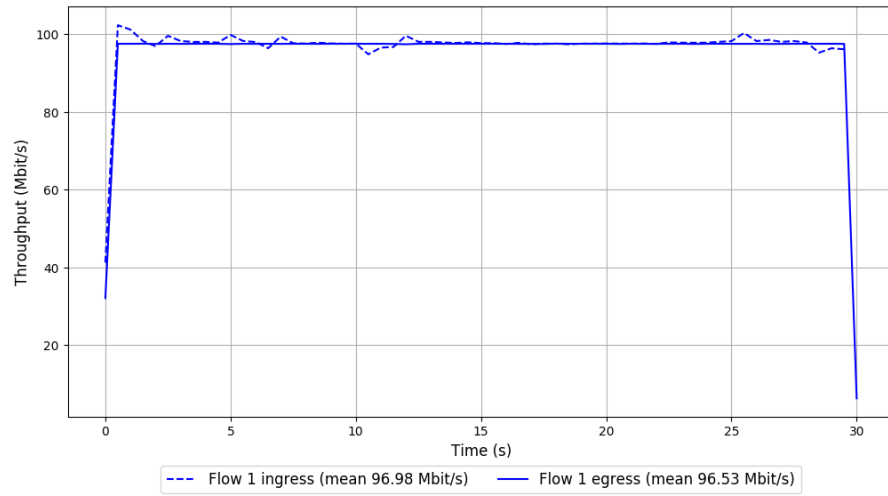
Run 7: Statistics of TCP Cubic

Start at: 2017-10-10 22:34:20  
End at: 2017-10-10 22:34:50  
Local clock offset: 1.744 ms  
Remote clock offset: -1.928 ms

# Below is generated by plot.py at 2017-10-11 00:12:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.53 Mbit/s  
95th percentile per-packet one-way delay: 67.270 ms  
Loss rate: 0.42%  
-- Flow 1:  
Average throughput: 96.53 Mbit/s  
95th percentile per-packet one-way delay: 67.270 ms  
Loss rate: 0.42%



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

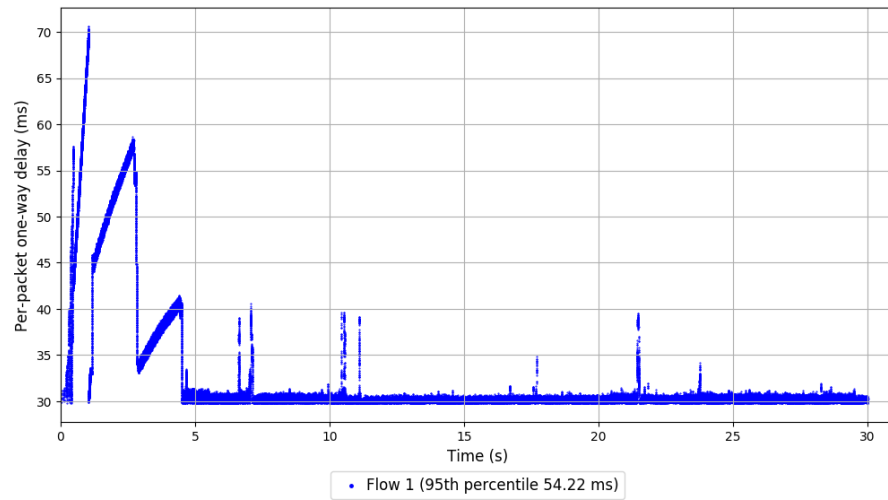
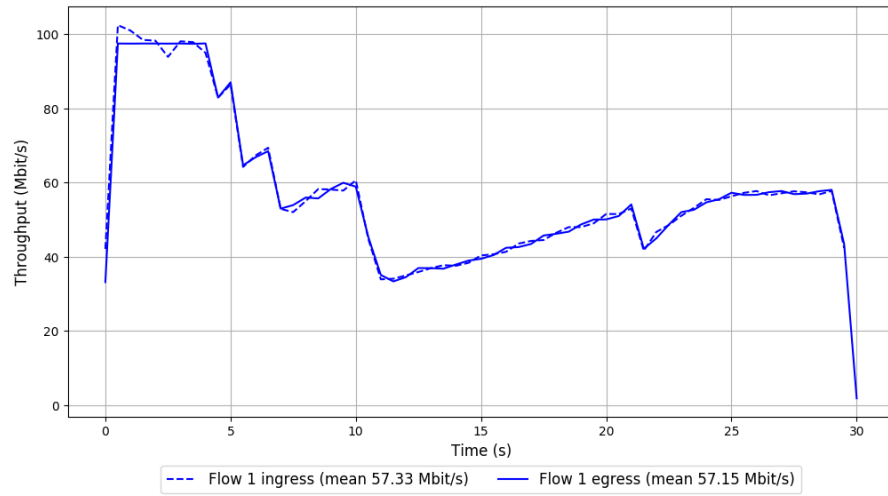


Run 8: Statistics of TCP Cubic

Start at: 2017-10-10 22:52:59  
End at: 2017-10-10 22:53:29  
Local clock offset: 2.201 ms  
Remote clock offset: -1.875 ms

# Below is generated by plot.py at 2017-10-11 00:12:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 57.15 Mbit/s  
95th percentile per-packet one-way delay: 54.223 ms  
Loss rate: 0.32%  
-- Flow 1:  
Average throughput: 57.15 Mbit/s  
95th percentile per-packet one-way delay: 54.223 ms  
Loss rate: 0.32%

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

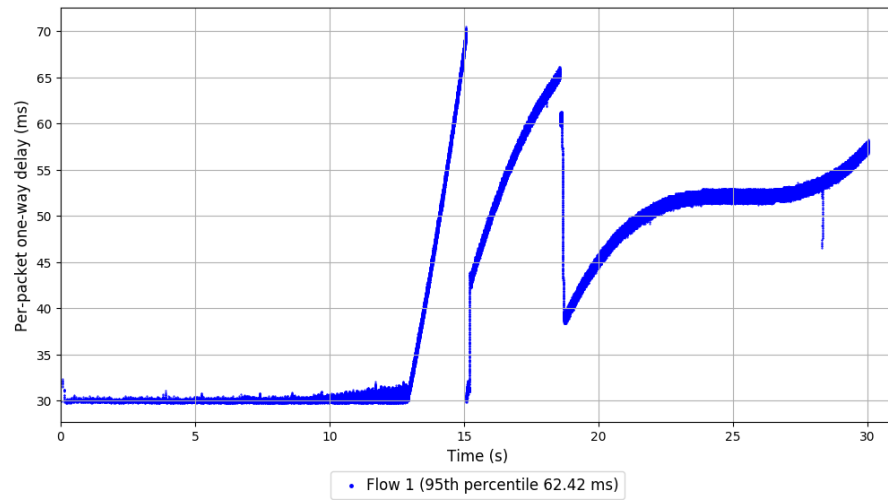
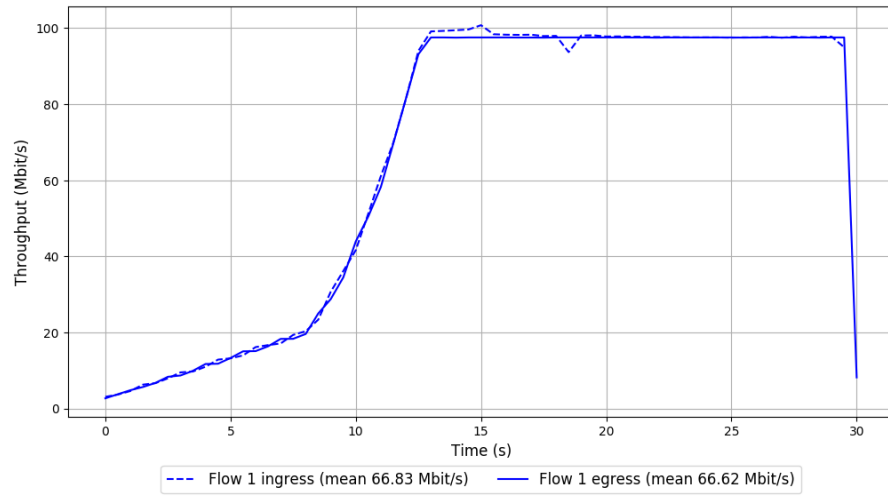


Run 9: Statistics of TCP Cubic

Start at: 2017-10-10 23:11:30  
End at: 2017-10-10 23:12:00  
Local clock offset: 2.432 ms  
Remote clock offset: -2.107 ms

# Below is generated by plot.py at 2017-10-11 00:12:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 66.62 Mbit/s  
95th percentile per-packet one-way delay: 62.420 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 66.62 Mbit/s  
95th percentile per-packet one-way delay: 62.420 ms  
Loss rate: 0.23%

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



Run 10: Statistics of TCP Cubic

Start at: 2017-10-10 23:29:59

End at: 2017-10-10 23:30:29

Local clock offset: 2.541 ms

Remote clock offset: -4.049 ms

# Below is generated by plot.py at 2017-10-11 00:12:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.33 Mbit/s

95th percentile per-packet one-way delay: 63.316 ms

Loss rate: 0.38%

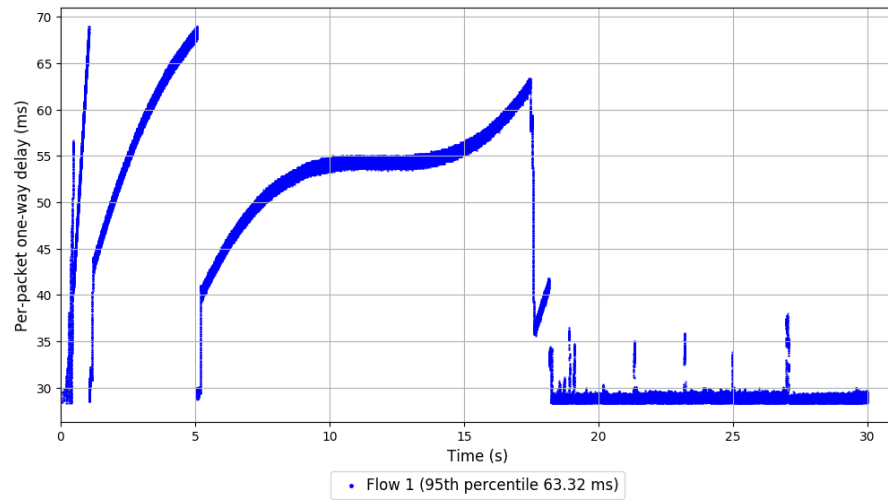
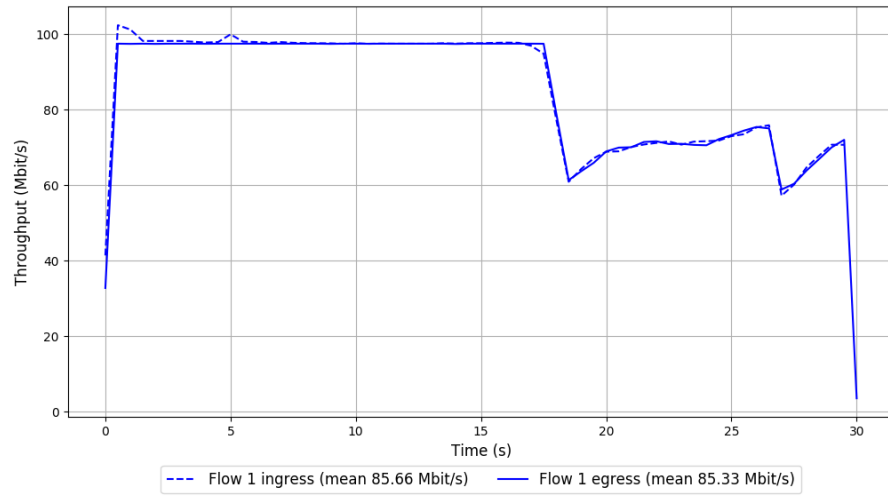
-- Flow 1:

Average throughput: 85.33 Mbit/s

95th percentile per-packet one-way delay: 63.316 ms

Loss rate: 0.38%

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



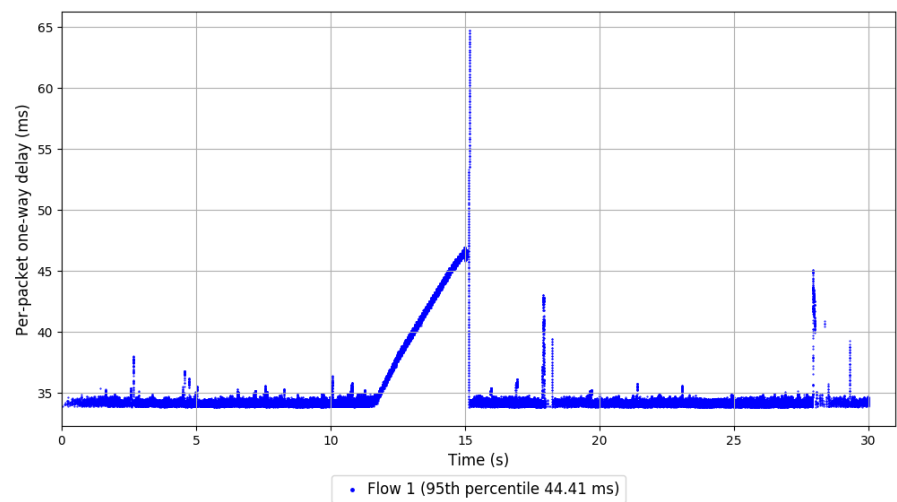
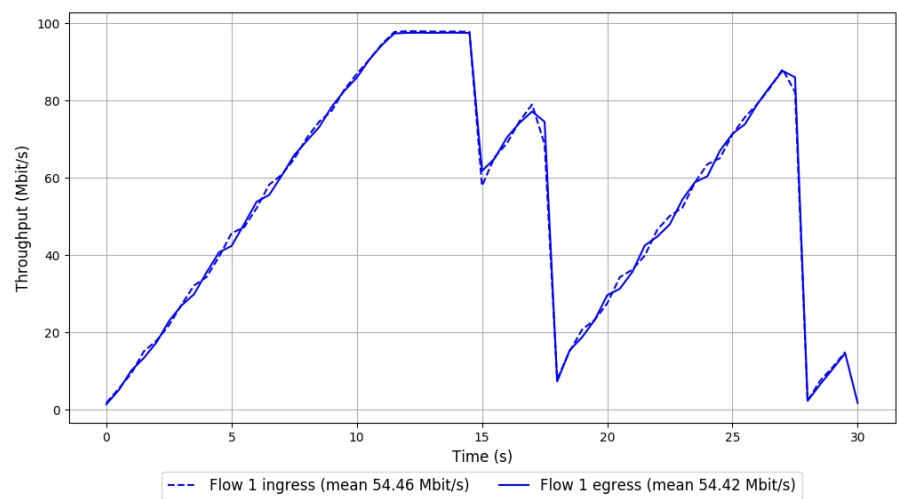
```
Run 1: Statistics of LEDBAT

Start at: 2017-10-10 20:51:45
End at: 2017-10-10 20:52:15
Local clock offset: 2.717 ms
Remote clock offset: 3.808 ms

# Below is generated by plot.py at 2017-10-11 00:12:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.42 Mbit/s
95th percentile per-packet one-way delay: 44.406 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 54.42 Mbit/s
95th percentile per-packet one-way delay: 44.406 ms
Loss rate: 0.08%
```



Run 1: Report of LEDBAT — Data Link

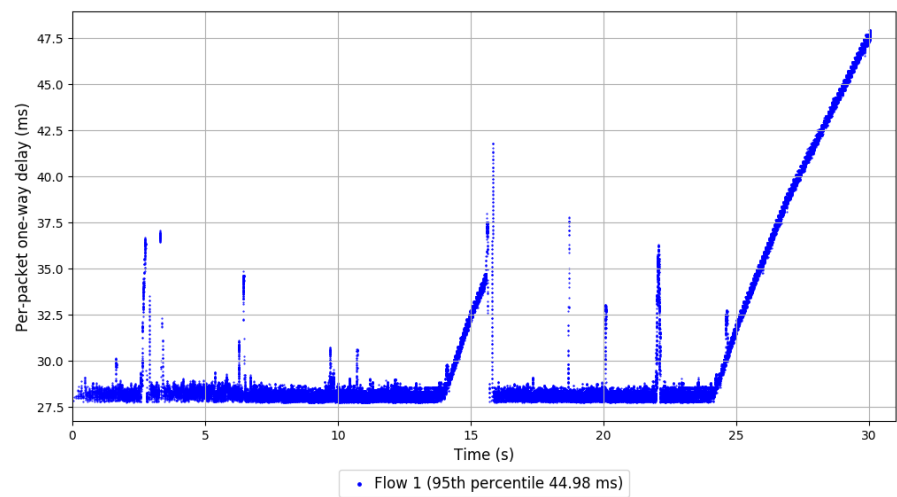
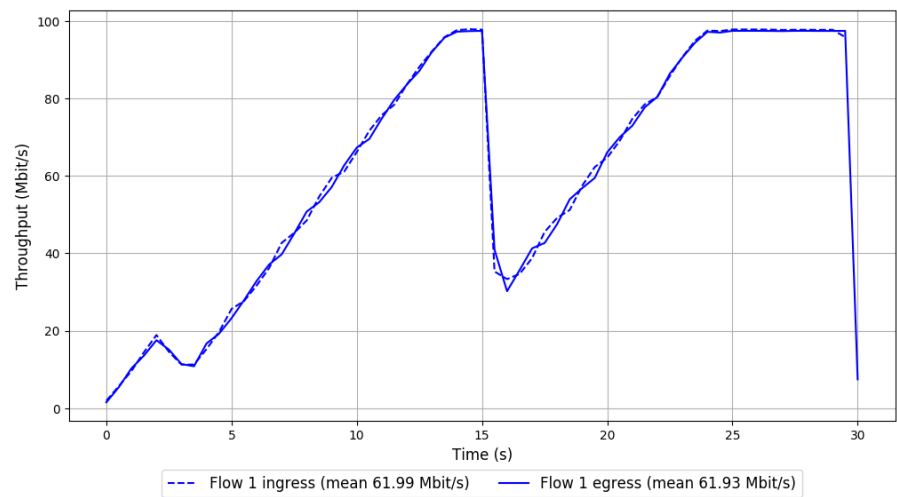


Run 2: Statistics of LEDBAT

Start at: 2017-10-10 21:10:17  
End at: 2017-10-10 21:10:47  
Local clock offset: 2.078 ms  
Remote clock offset: -2.521 ms

# Below is generated by plot.py at 2017-10-11 00:12:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 61.93 Mbit/s  
95th percentile per-packet one-way delay: 44.985 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 61.93 Mbit/s  
95th percentile per-packet one-way delay: 44.985 ms  
Loss rate: 0.03%

Run 2: Report of LEDBAT — Data Link

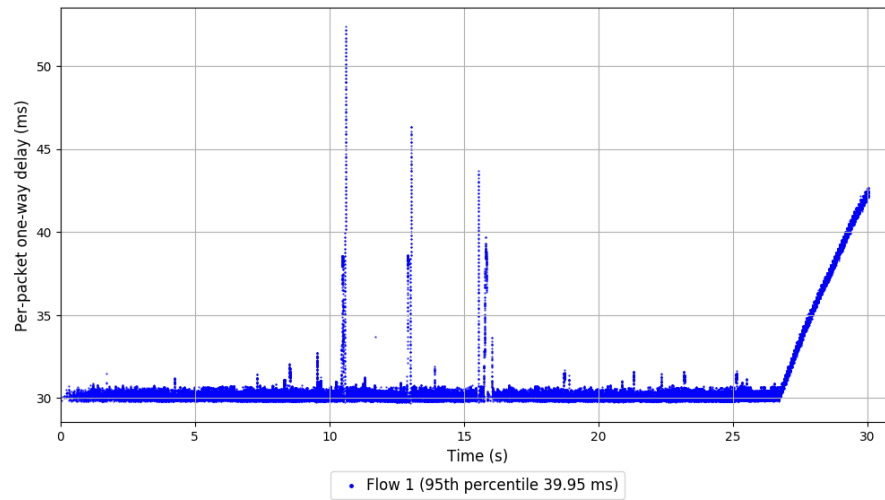
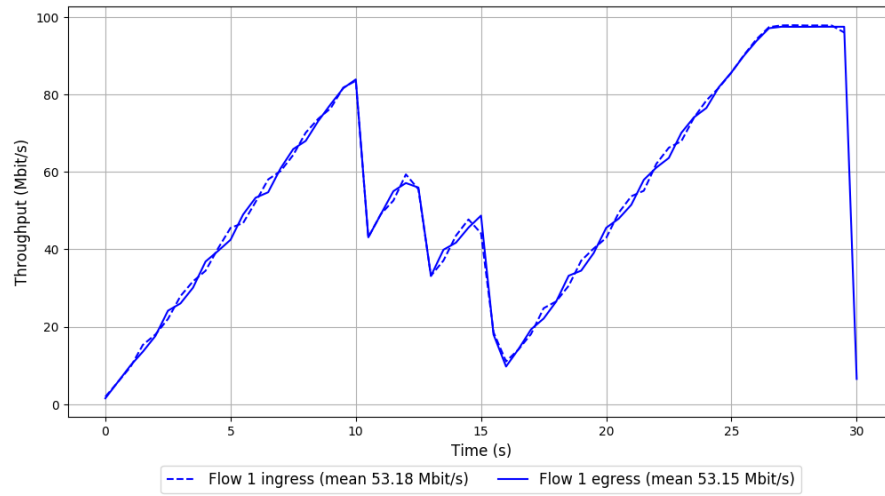


Run 3: Statistics of LEDBAT

Start at: 2017-10-10 21:29:00  
End at: 2017-10-10 21:29:30  
Local clock offset: 1.477 ms  
Remote clock offset: -0.517 ms

# Below is generated by plot.py at 2017-10-11 00:12:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 53.15 Mbit/s  
95th percentile per-packet one-way delay: 39.950 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 53.15 Mbit/s  
95th percentile per-packet one-way delay: 39.950 ms  
Loss rate: 0.02%

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

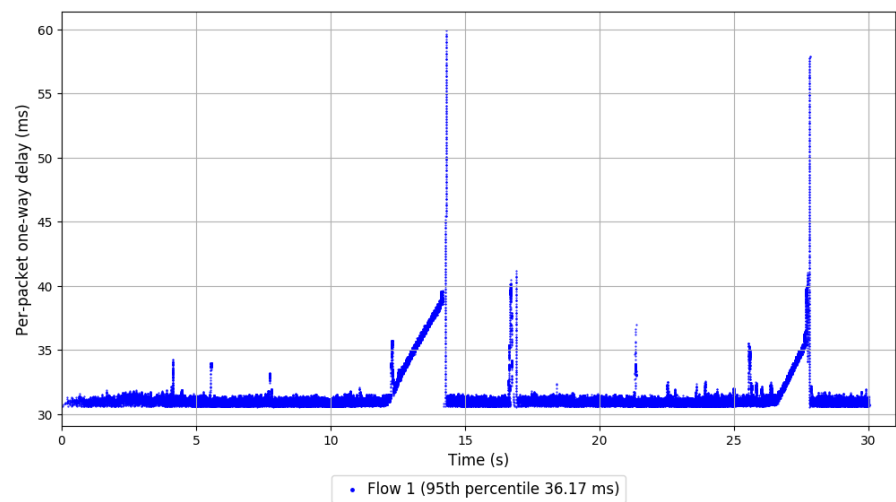
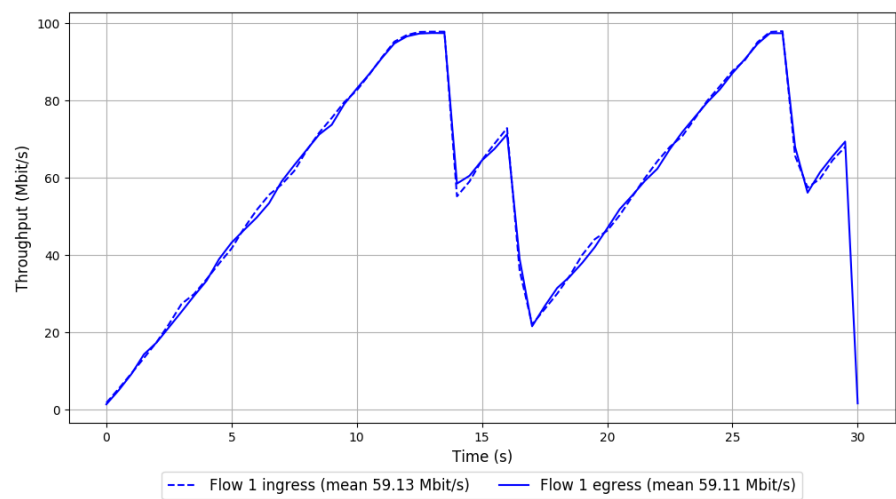


Run 4: Statistics of LEDBAT

Start at: 2017-10-10 21:47:36  
End at: 2017-10-10 21:48:07  
Local clock offset: 1.609 ms  
Remote clock offset: -0.537 ms

# Below is generated by plot.py at 2017-10-11 00:12:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 59.11 Mbit/s  
95th percentile per-packet one-way delay: 36.175 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 59.11 Mbit/s  
95th percentile per-packet one-way delay: 36.175 ms  
Loss rate: 0.02%

Run 4: Report of LEDBAT — Data Link



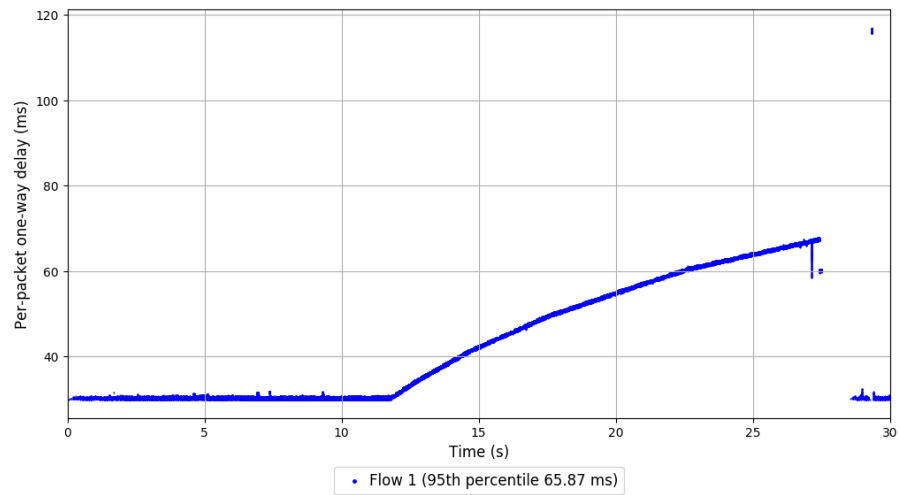
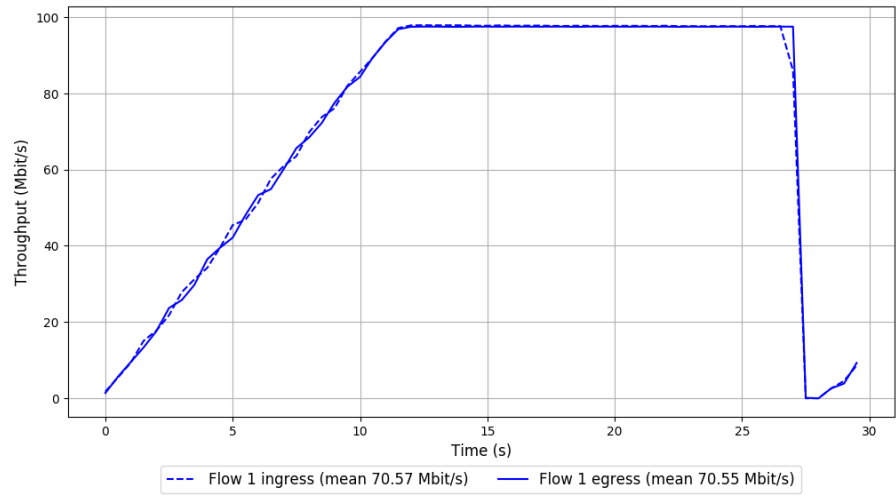
Run 5: Statistics of LEDBAT

Start at: 2017-10-10 22:06:14  
End at: 2017-10-10 22:06:44  
Local clock offset: 1.742 ms  
Remote clock offset: -1.183 ms

# Below is generated by plot.py at 2017-10-11 00:12:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.55 Mbit/s  
95th percentile per-packet one-way delay: 65.868 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 70.55 Mbit/s  
95th percentile per-packet one-way delay: 65.868 ms  
Loss rate: 0.03%



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

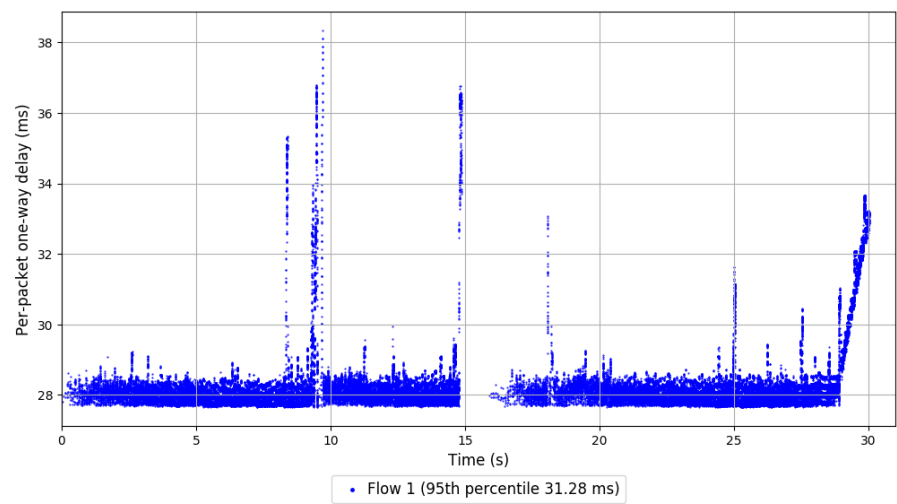
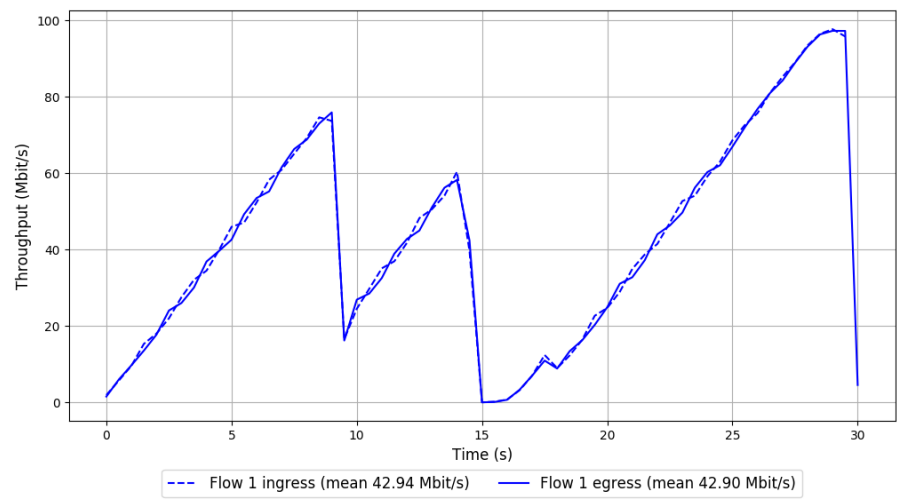


Run 6: Statistics of LEDBAT

Start at: 2017-10-10 22:24:52  
End at: 2017-10-10 22:25:22  
Local clock offset: 1.714 ms  
Remote clock offset: -3.985 ms

# Below is generated by plot.py at 2017-10-11 00:12:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.90 Mbit/s  
95th percentile per-packet one-way delay: 31.284 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 42.90 Mbit/s  
95th percentile per-packet one-way delay: 31.284 ms  
Loss rate: 0.07%

Run 6: Report of LEDBAT — Data Link

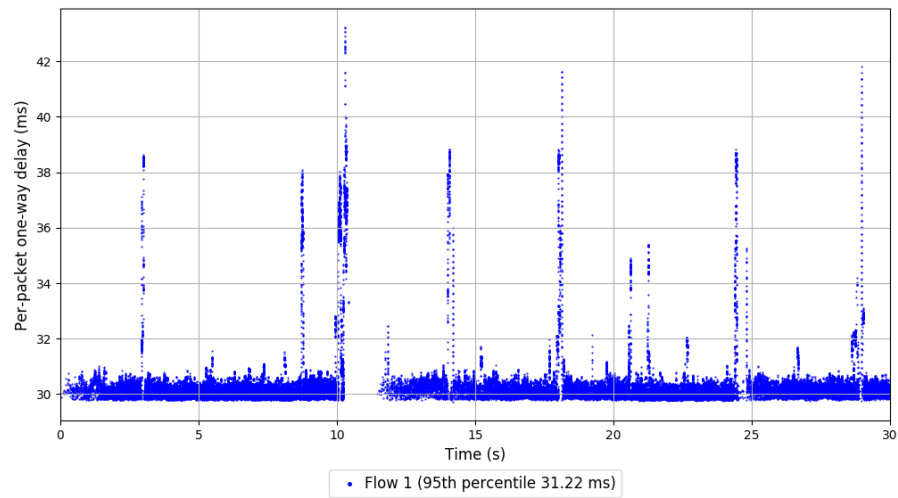
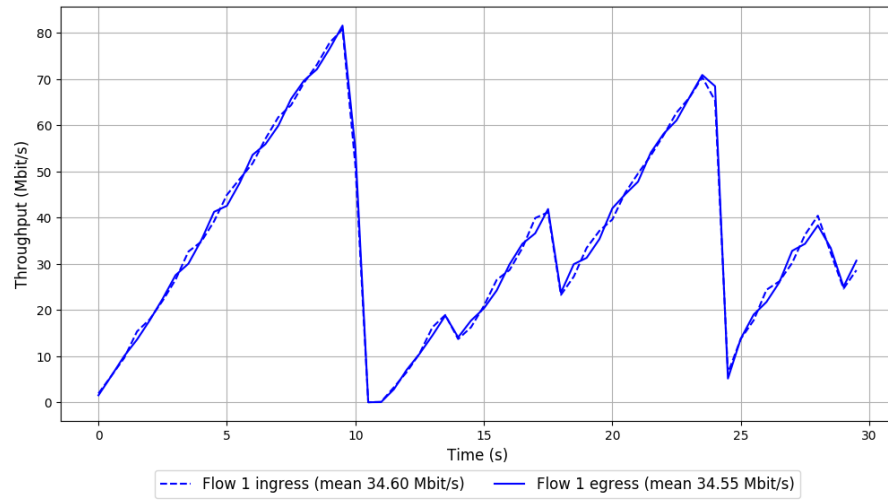


Run 7: Statistics of LEDBAT

Start at: 2017-10-10 22:43:33  
End at: 2017-10-10 22:44:03  
Local clock offset: 1.893 ms  
Remote clock offset: -1.993 ms

# Below is generated by plot.py at 2017-10-11 00:12:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 34.55 Mbit/s  
95th percentile per-packet one-way delay: 31.220 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 34.55 Mbit/s  
95th percentile per-packet one-way delay: 31.220 ms  
Loss rate: 0.14%

## Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2017-10-10 23:02:08

End at: 2017-10-10 23:02:38

Local clock offset: 2.341 ms

Remote clock offset: -3.98 ms

# Below is generated by plot.py at 2017-10-11 00:12:51

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.52 Mbit/s

95th percentile per-packet one-way delay: 40.640 ms

Loss rate: 0.04%

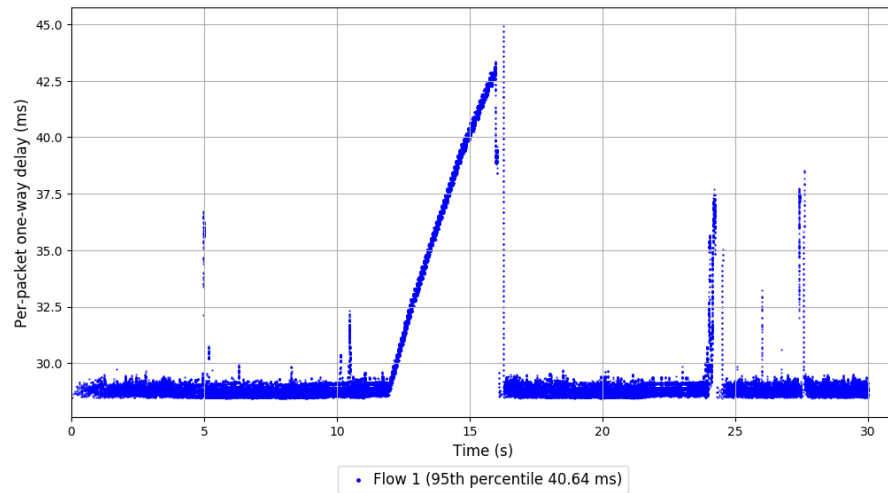
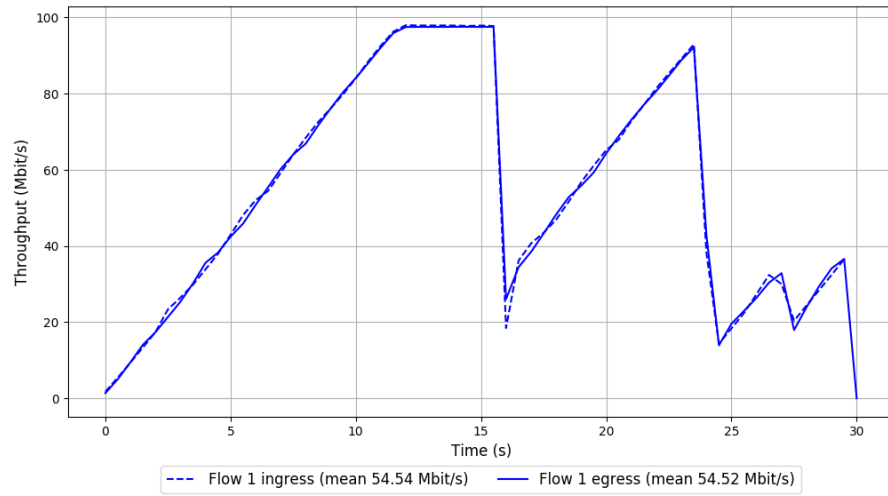
-- Flow 1:

Average throughput: 54.52 Mbit/s

95th percentile per-packet one-way delay: 40.640 ms

Loss rate: 0.04%

## Run 8: Report of LEDBAT — Data Link



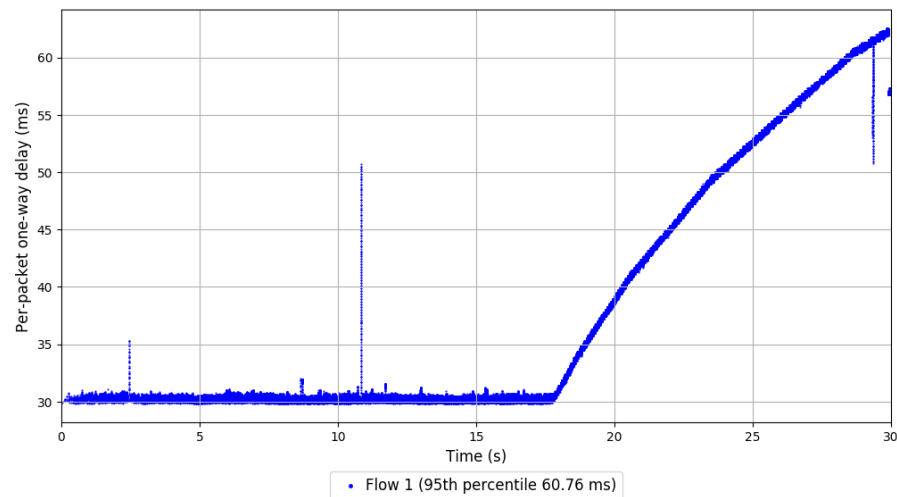
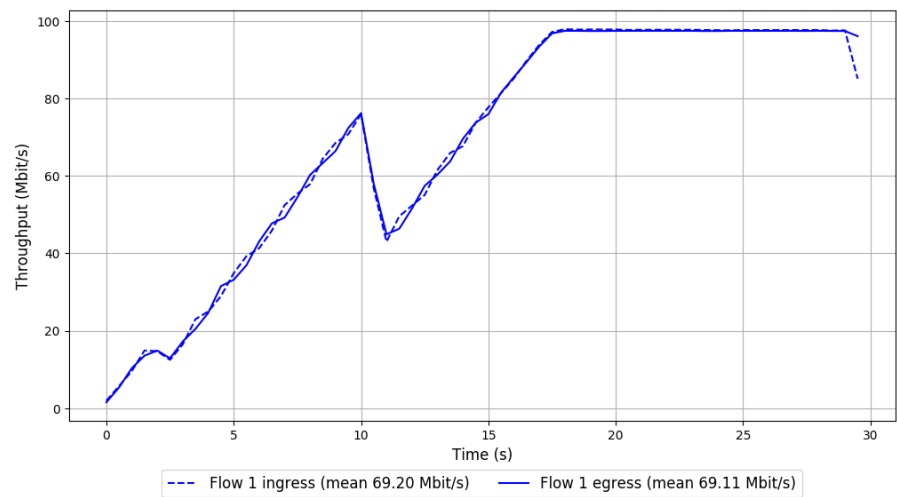
Run 9: Statistics of LEDBAT

Start at: 2017-10-10 23:20:37  
End at: 2017-10-10 23:21:07  
Local clock offset: 2.499 ms  
Remote clock offset: -1.991 ms

# Below is generated by plot.py at 2017-10-11 00:13:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 69.11 Mbit/s  
95th percentile per-packet one-way delay: 60.755 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 69.11 Mbit/s  
95th percentile per-packet one-way delay: 60.755 ms  
Loss rate: 0.03%



Run 9: Report of LEDBAT — Data Link

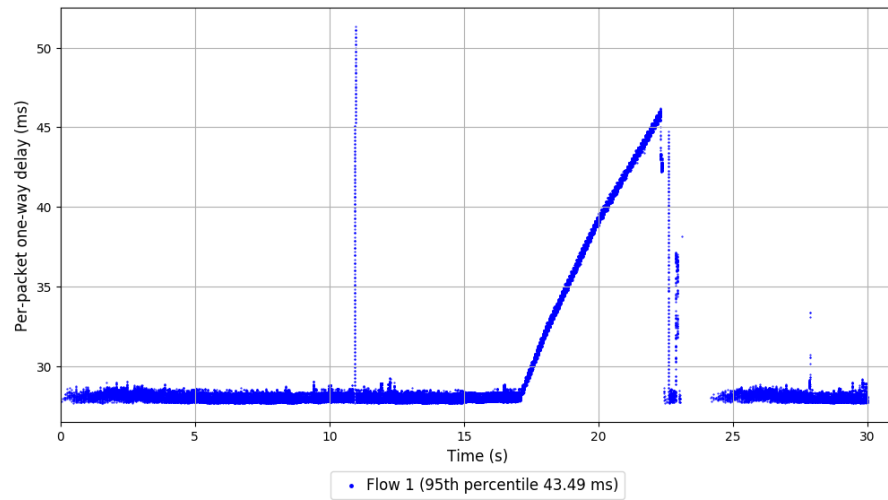
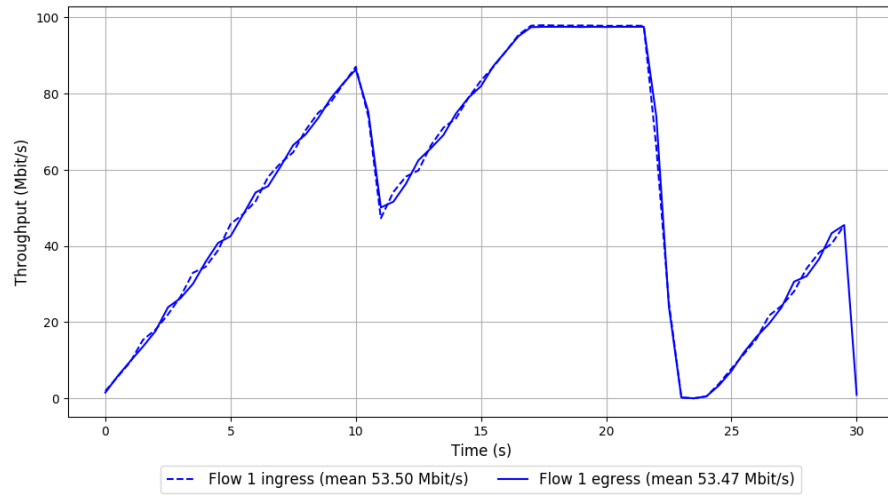


Run 10: Statistics of LEDBAT

Start at: 2017-10-10 23:39:06  
End at: 2017-10-10 23:39:37  
Local clock offset: 2.49 ms  
Remote clock offset: -4.021 ms

# Below is generated by plot.py at 2017-10-11 00:13:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 53.47 Mbit/s  
95th percentile per-packet one-way delay: 43.486 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 53.47 Mbit/s  
95th percentile per-packet one-way delay: 43.486 ms  
Loss rate: 0.06%

# Run 10: Report of LEDBAT — Data Link

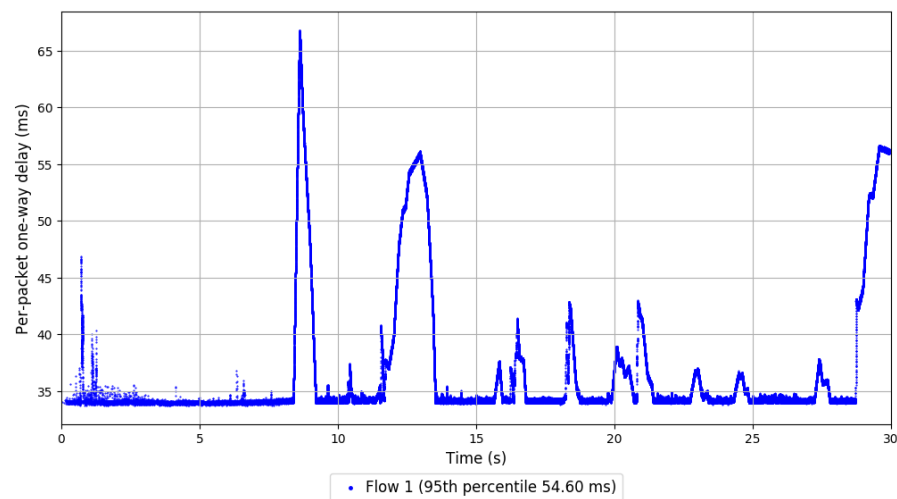
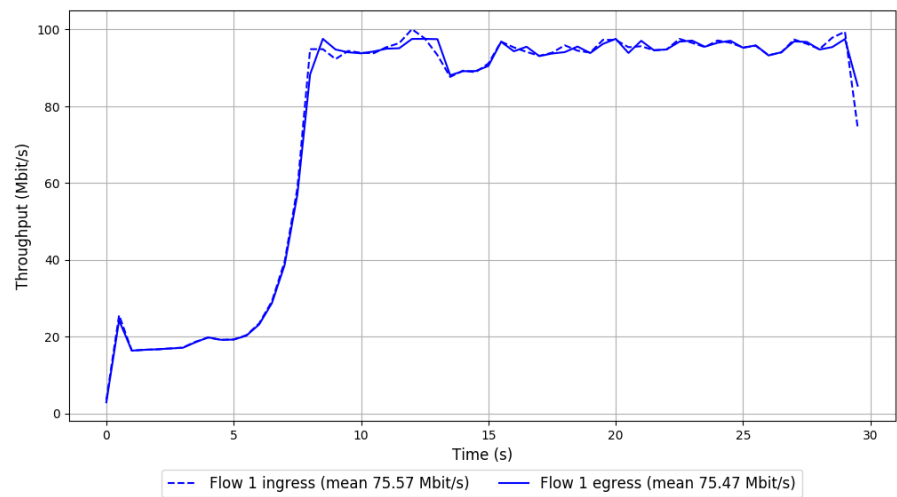


```
Run 1: Statistics of PCC

Start at: 2017-10-10 20:55:42
End at: 2017-10-10 20:56:12
Local clock offset: 2.366 ms
Remote clock offset: 3.824 ms

# Below is generated by plot.py at 2017-10-11 00:13:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.47 Mbit/s
95th percentile per-packet one-way delay: 54.602 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 75.47 Mbit/s
95th percentile per-packet one-way delay: 54.602 ms
Loss rate: 0.06%
```

Run 1: Report of PCC — Data Link

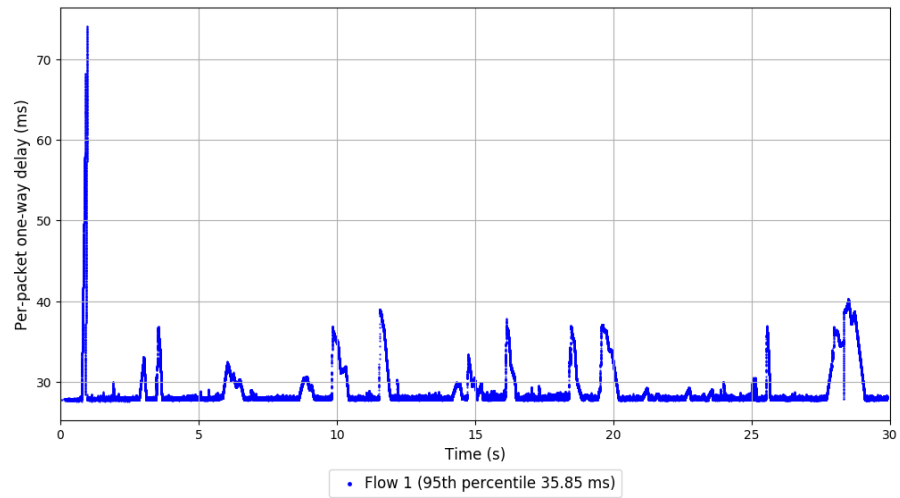
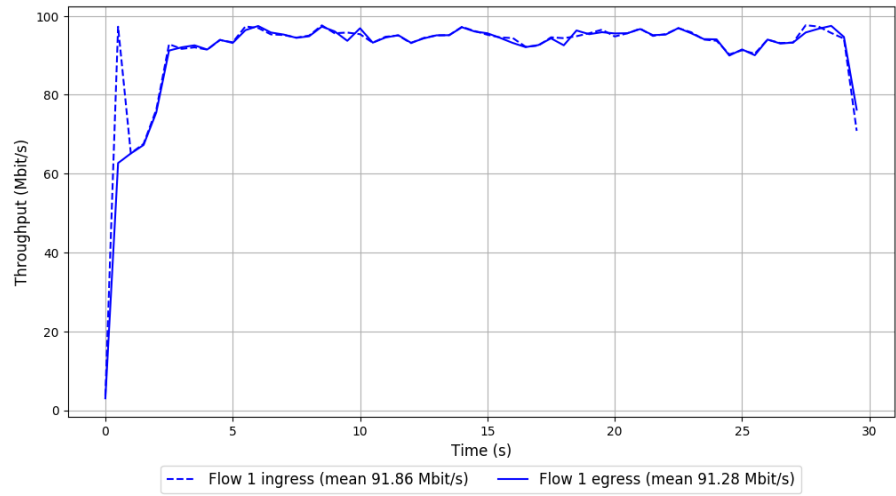


Run 2: Statistics of PCC

Start at: 2017-10-10 21:14:16  
End at: 2017-10-10 21:14:46  
Local clock offset: 1.935 ms  
Remote clock offset: -2.607 ms

# Below is generated by plot.py at 2017-10-11 00:13:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.28 Mbit/s  
95th percentile per-packet one-way delay: 35.848 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 91.28 Mbit/s  
95th percentile per-packet one-way delay: 35.848 ms  
Loss rate: 0.63%

## Run 2: Report of PCC — Data Link



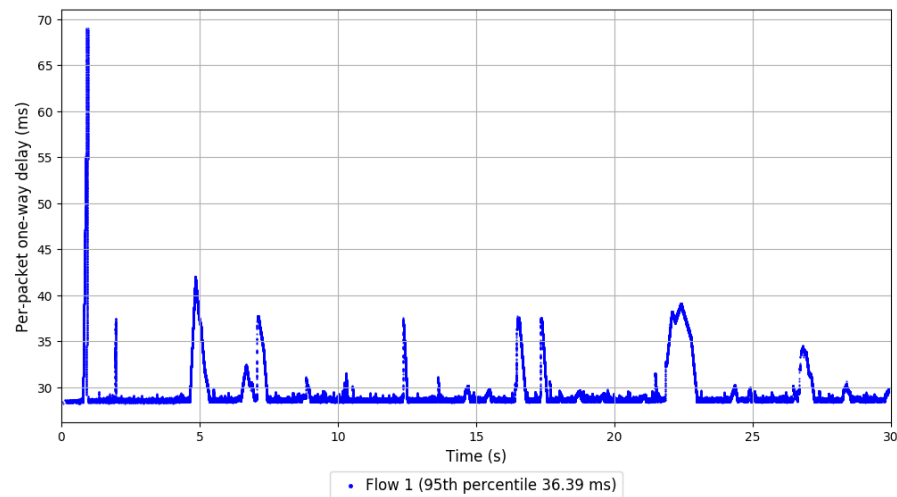
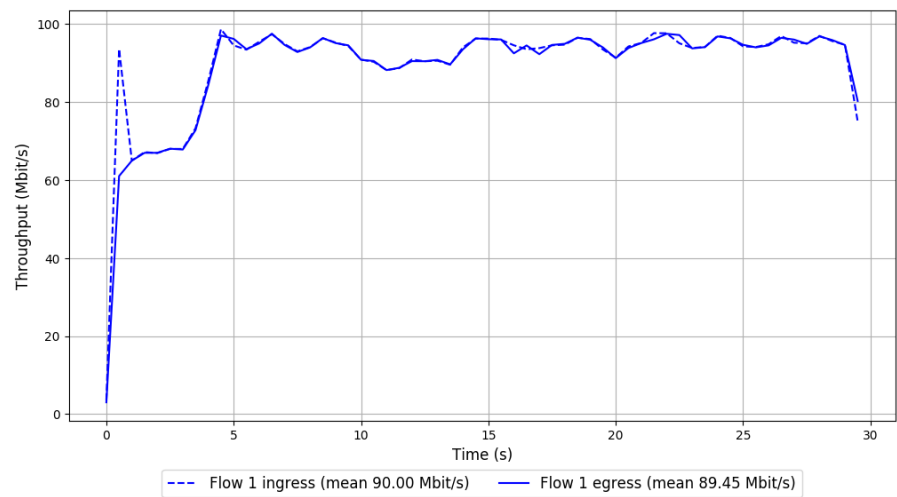
Run 3: Statistics of PCC

Start at: 2017-10-10 21:33:00  
End at: 2017-10-10 21:33:30  
Local clock offset: 1.553 ms  
Remote clock offset: -2.477 ms

# Below is generated by plot.py at 2017-10-11 00:13:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.45 Mbit/s  
95th percentile per-packet one-way delay: 36.387 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 89.45 Mbit/s  
95th percentile per-packet one-way delay: 36.387 ms  
Loss rate: 0.61%



Run 3: Report of PCC — Data Link

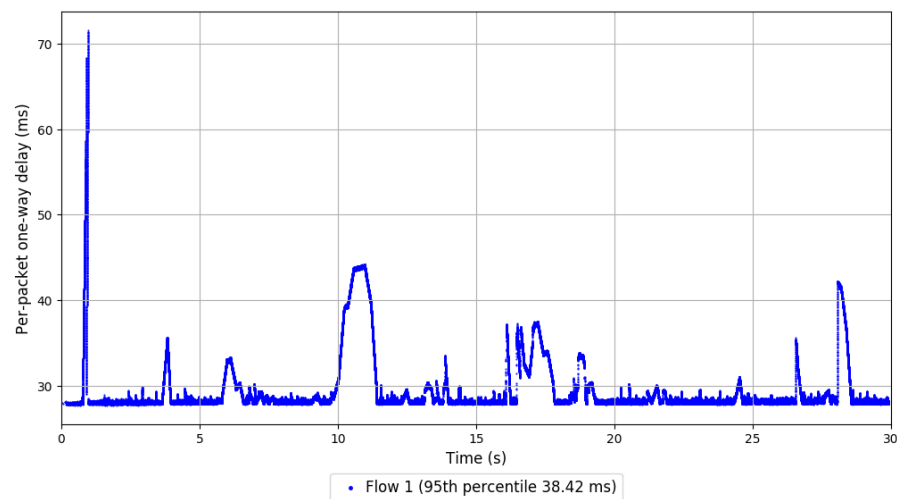
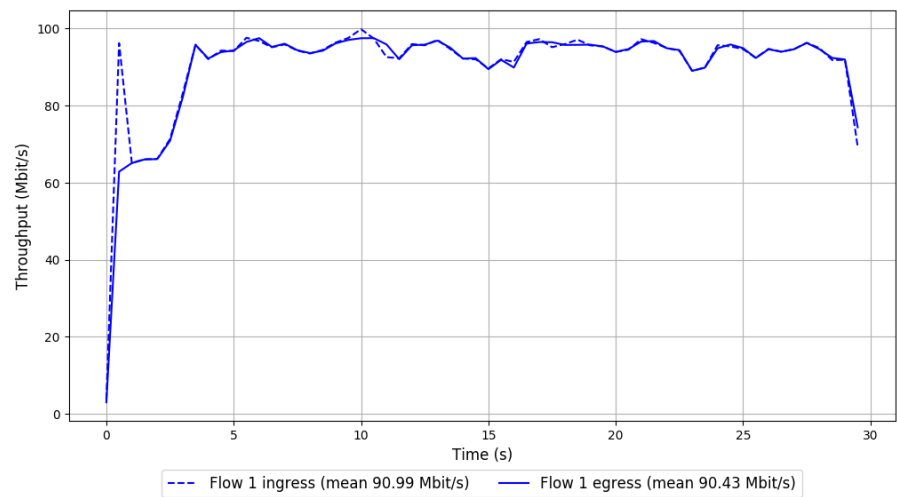


Run 4: Statistics of PCC

Start at: 2017-10-10 21:51:37  
End at: 2017-10-10 21:52:07  
Local clock offset: 1.629 ms  
Remote clock offset: -2.743 ms

# Below is generated by plot.py at 2017-10-11 00:14:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.43 Mbit/s  
95th percentile per-packet one-way delay: 38.424 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 90.43 Mbit/s  
95th percentile per-packet one-way delay: 38.424 ms  
Loss rate: 0.61%

Run 4: Report of PCC — Data Link

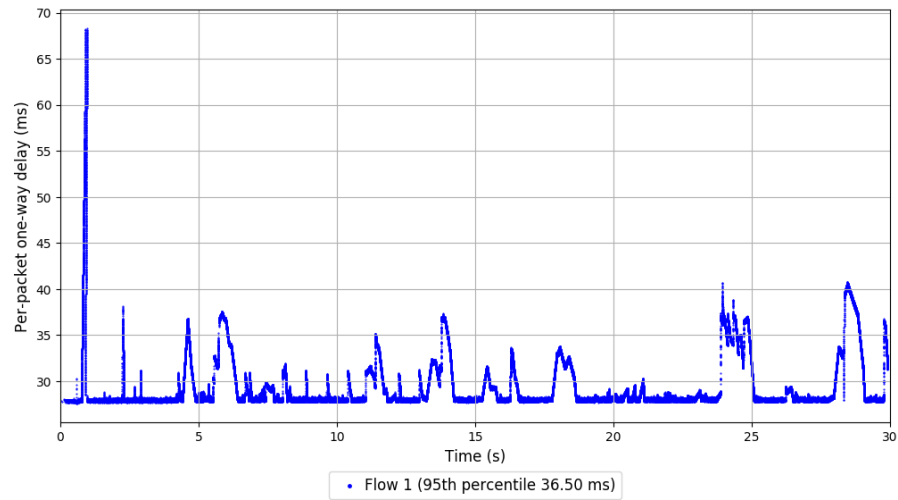
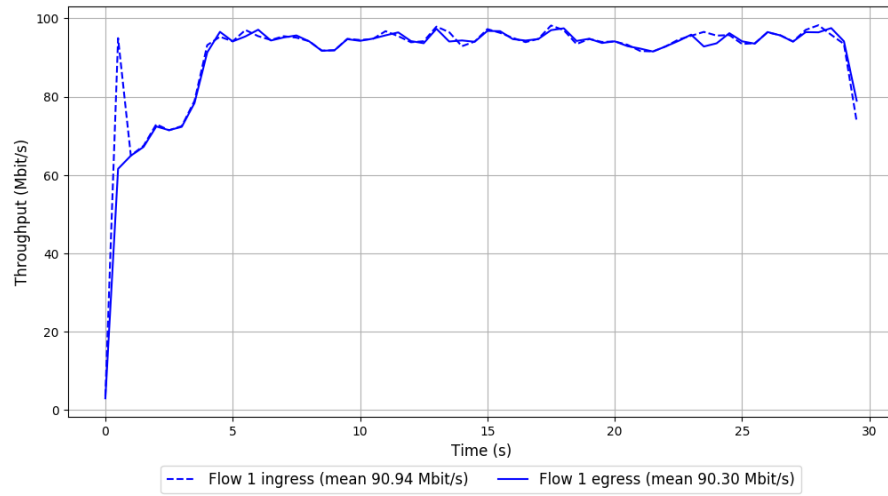


Run 5: Statistics of PCC

Start at: 2017-10-10 22:10:14  
End at: 2017-10-10 22:10:44  
Local clock offset: 1.751 ms  
Remote clock offset: -3.519 ms

# Below is generated by plot.py at 2017-10-11 00:14:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.30 Mbit/s  
95th percentile per-packet one-way delay: 36.498 ms  
Loss rate: 0.69%  
-- Flow 1:  
Average throughput: 90.30 Mbit/s  
95th percentile per-packet one-way delay: 36.498 ms  
Loss rate: 0.69%

### Run 5: Report of PCC — Data Link

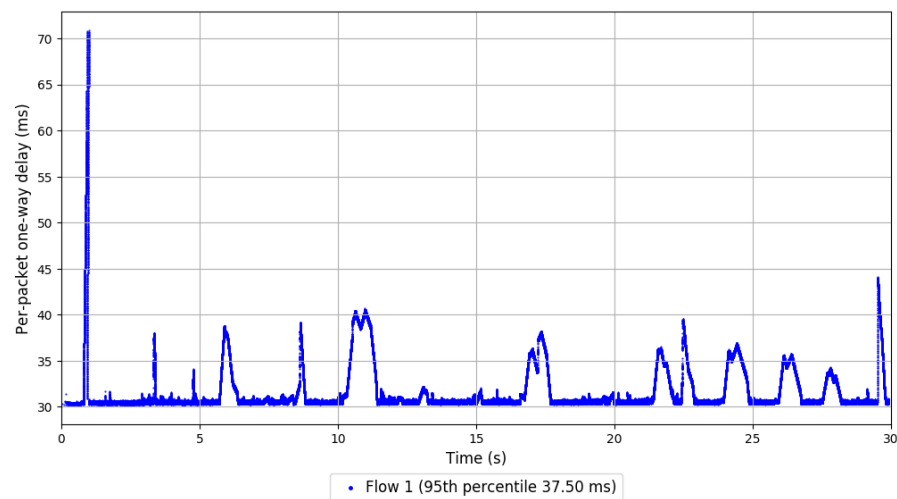
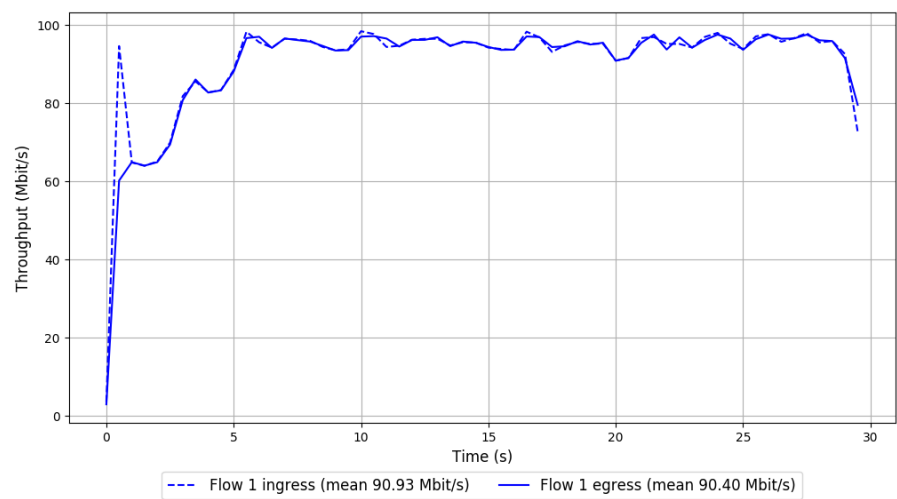


Run 6: Statistics of PCC

Start at: 2017-10-10 22:28:49  
End at: 2017-10-10 22:29:19  
Local clock offset: 1.705 ms  
Remote clock offset: -1.454 ms

# Below is generated by plot.py at 2017-10-11 00:14:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.40 Mbit/s  
95th percentile per-packet one-way delay: 37.502 ms  
Loss rate: 0.58%  
-- Flow 1:  
Average throughput: 90.40 Mbit/s  
95th percentile per-packet one-way delay: 37.502 ms  
Loss rate: 0.58%

Run 6: Report of PCC — Data Link



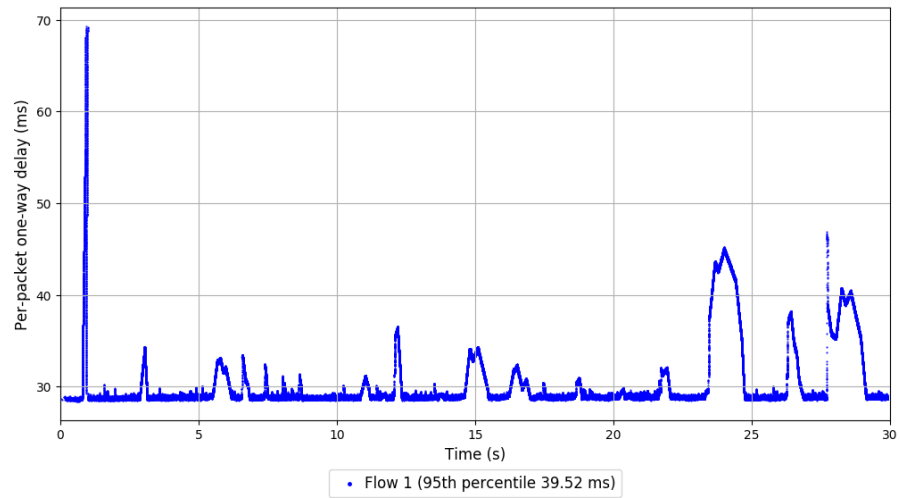
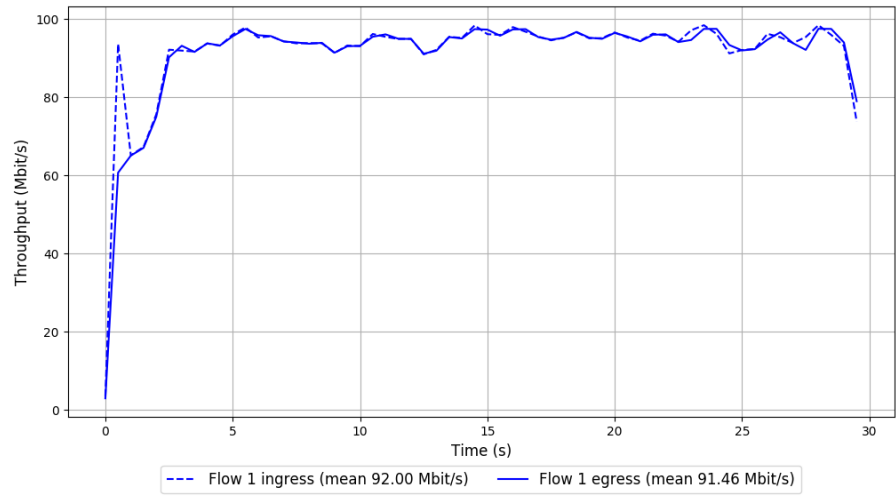
Run 7: Statistics of PCC

Start at: 2017-10-10 22:47:31  
End at: 2017-10-10 22:48:01  
Local clock offset: 1.942 ms  
Remote clock offset: -3.933 ms

# Below is generated by plot.py at 2017-10-11 00:14:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.46 Mbit/s  
95th percentile per-packet one-way delay: 39.523 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 91.46 Mbit/s  
95th percentile per-packet one-way delay: 39.523 ms  
Loss rate: 0.59%



## Run 7: Report of PCC — Data Link

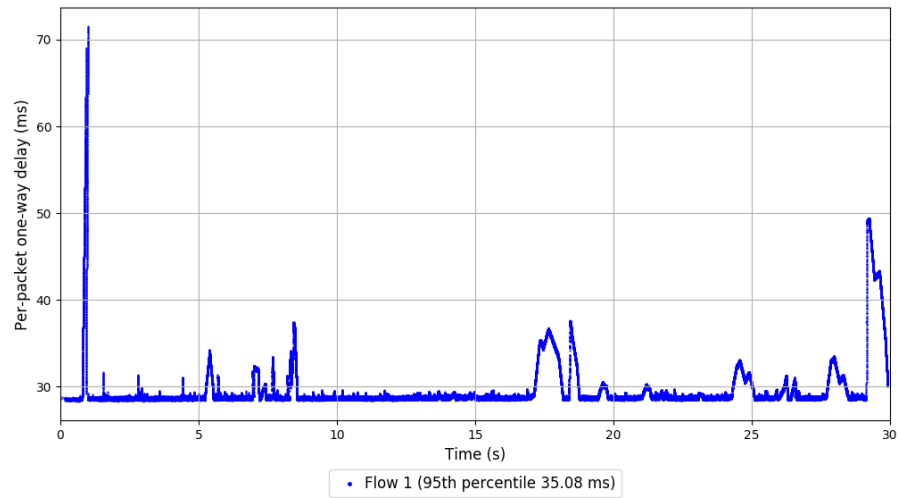
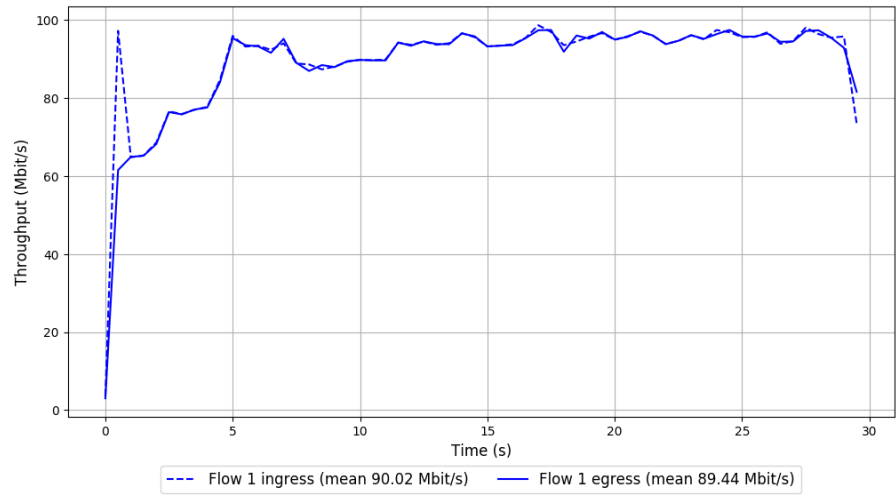


Run 8: Statistics of PCC

Start at: 2017-10-10 23:06:06  
End at: 2017-10-10 23:06:36  
Local clock offset: 2.308 ms  
Remote clock offset: -4.156 ms

# Below is generated by plot.py at 2017-10-11 00:14:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.44 Mbit/s  
95th percentile per-packet one-way delay: 35.078 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 89.44 Mbit/s  
95th percentile per-packet one-way delay: 35.078 ms  
Loss rate: 0.64%

## Run 8: Report of PCC — Data Link

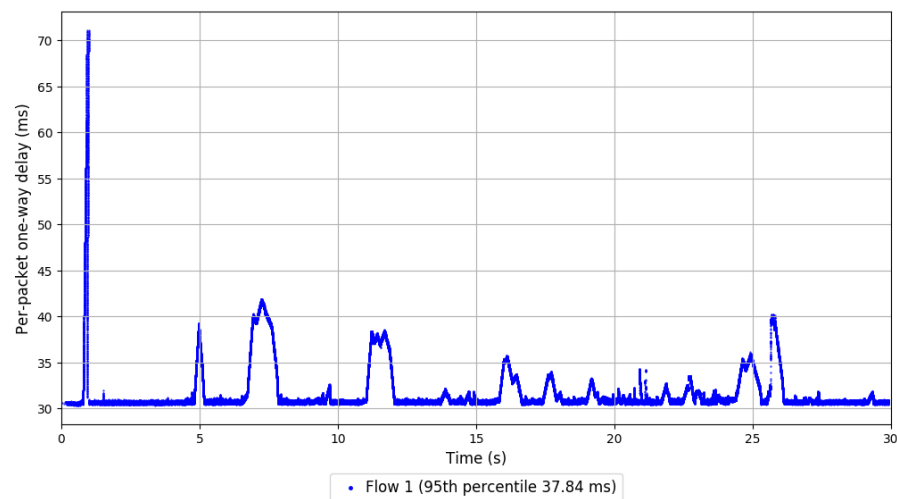
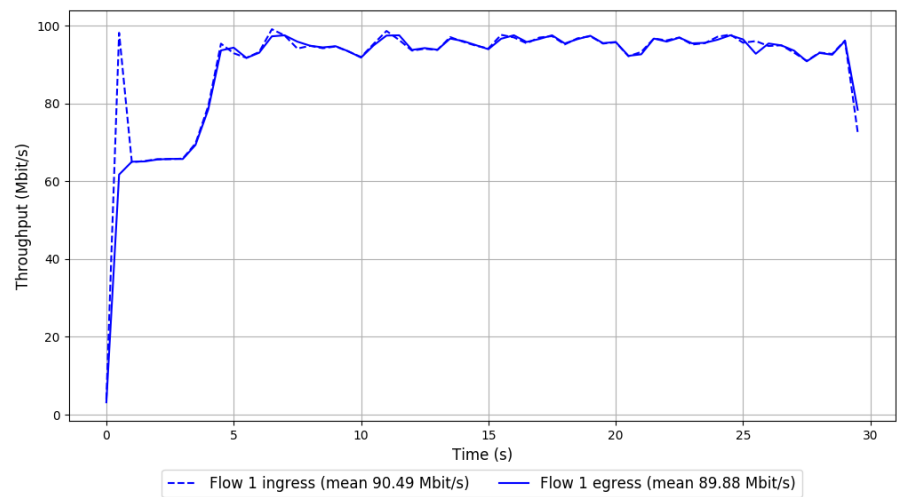


Run 9: Statistics of PCC

Start at: 2017-10-10 23:24:35  
End at: 2017-10-10 23:25:05  
Local clock offset: 2.582 ms  
Remote clock offset: -1.925 ms

# Below is generated by plot.py at 2017-10-11 00:14:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.88 Mbit/s  
95th percentile per-packet one-way delay: 37.843 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 89.88 Mbit/s  
95th percentile per-packet one-way delay: 37.843 ms  
Loss rate: 0.67%

Run 9: Report of PCC — Data Link

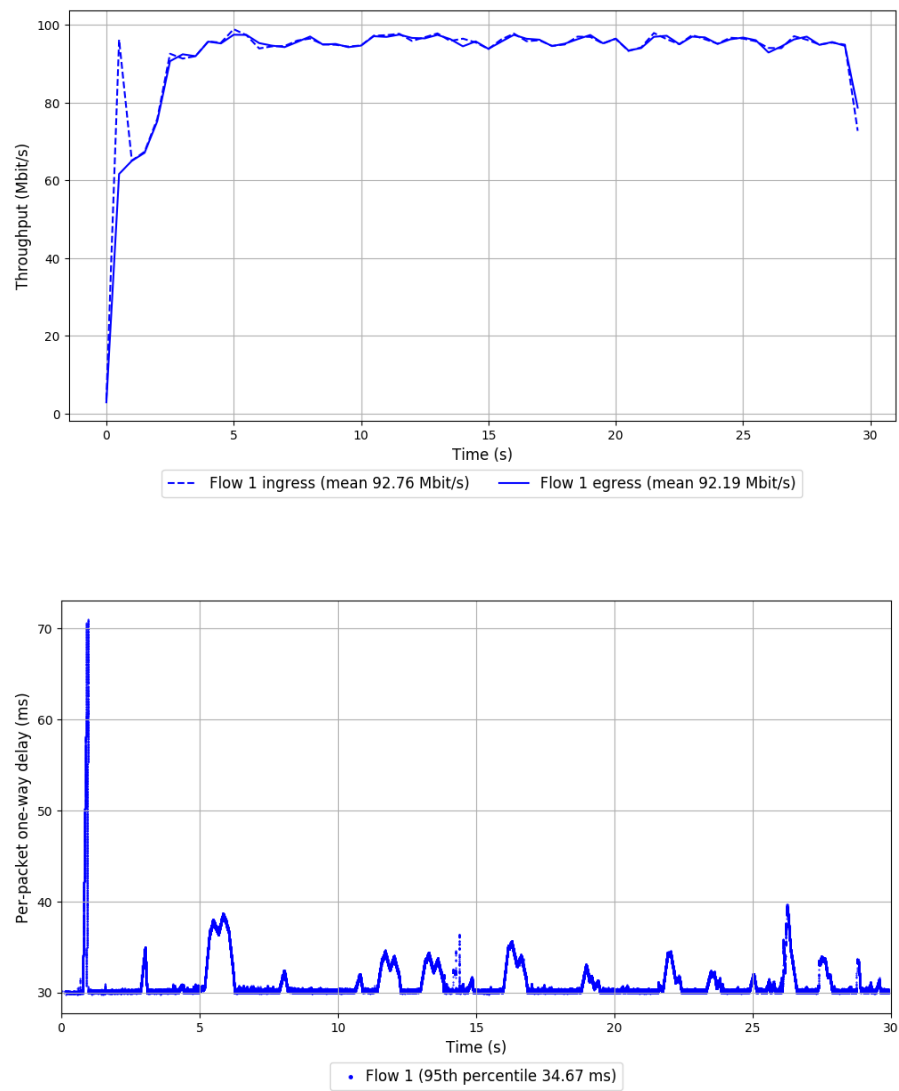


Run 10: Statistics of PCC

Start at: 2017-10-10 23:43:04  
End at: 2017-10-10 23:43:34  
Local clock offset: 2.518 ms  
Remote clock offset: -1.833 ms

# Below is generated by plot.py at 2017-10-11 00:15:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.19 Mbit/s  
95th percentile per-packet one-way delay: 34.672 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 92.19 Mbit/s  
95th percentile per-packet one-way delay: 34.672 ms  
Loss rate: 0.62%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-10-10 20:46:41

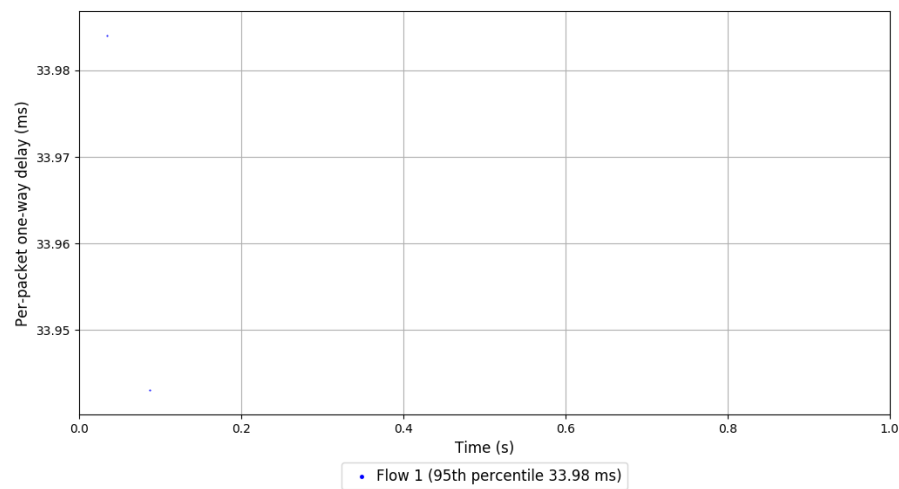
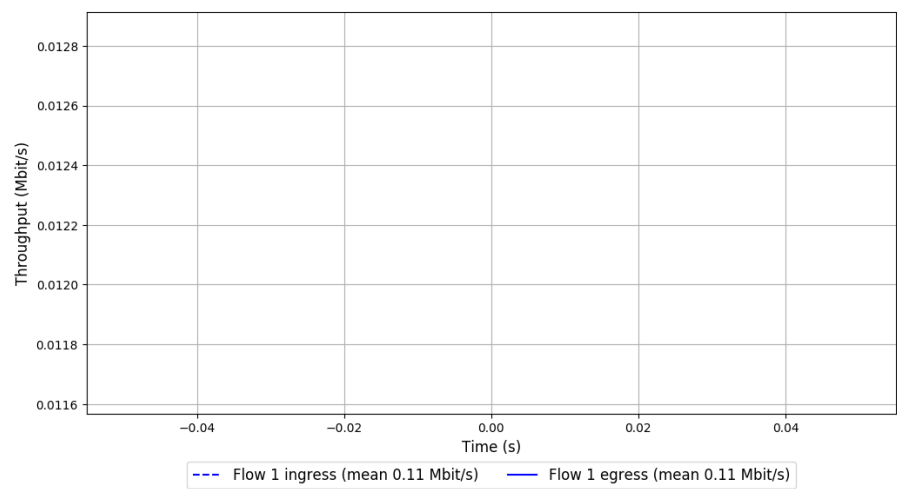
End at: 2017-10-10 20:47:11

Local clock offset: 2.672 ms

Remote clock offset: 3.92 ms



Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-10-10 21:05:08

End at: 2017-10-10 21:05:38

Local clock offset: 2.036 ms

Remote clock offset: -0.034 ms

# Below is generated by plot.py at 2017-10-11 00:15:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.44 Mbit/s

95th percentile per-packet one-way delay: 38.446 ms

Loss rate: 1.03%

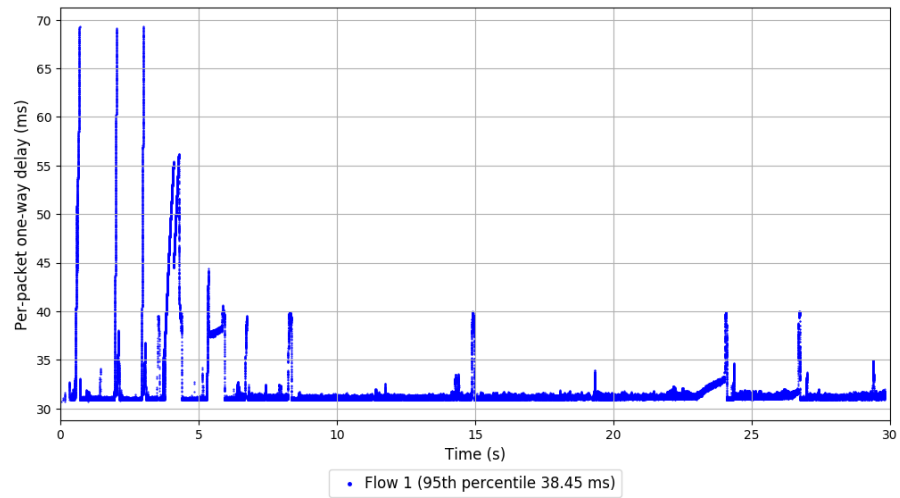
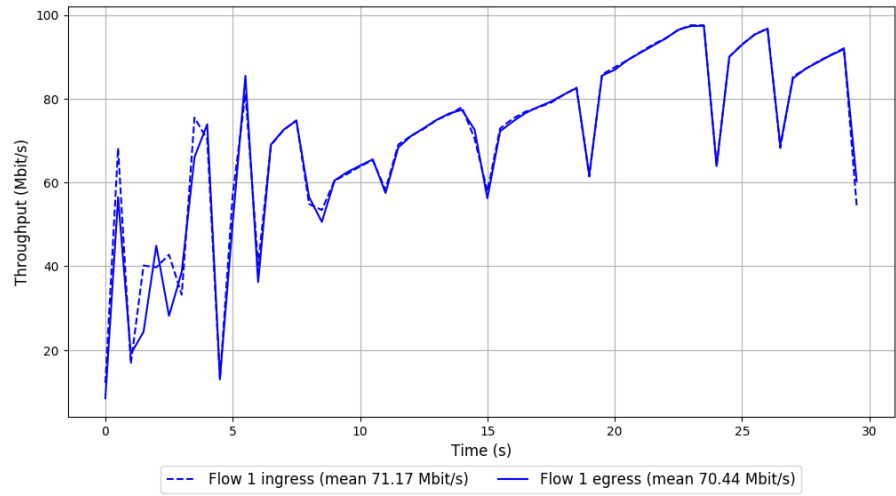
-- Flow 1:

Average throughput: 70.44 Mbit/s

95th percentile per-packet one-way delay: 38.446 ms

Loss rate: 1.03%

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



Run 3: Statistics of QUIC Cubic

Start at: 2017-10-10 21:23:47

End at: 2017-10-10 21:24:17

Local clock offset: 1.626 ms

Remote clock offset: -0.069 ms

# Below is generated by plot.py at 2017-10-11 00:15:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.32 Mbit/s

95th percentile per-packet one-way delay: 42.050 ms

Loss rate: 0.67%

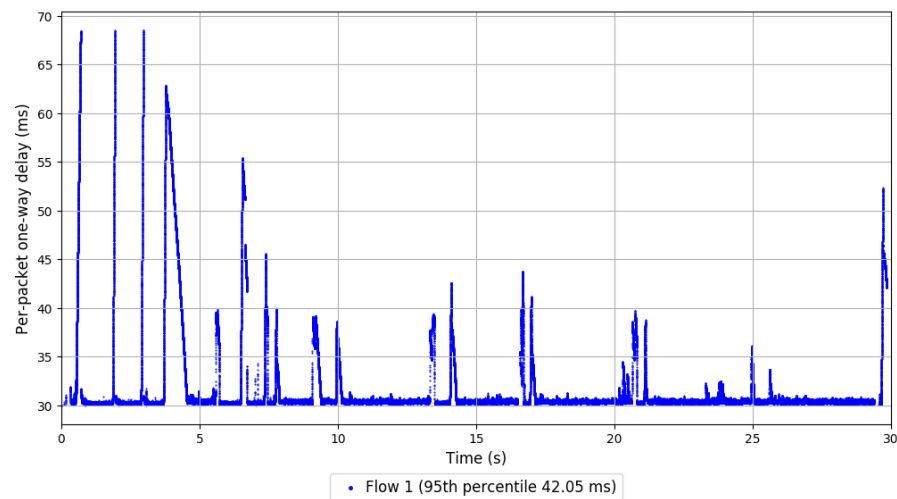
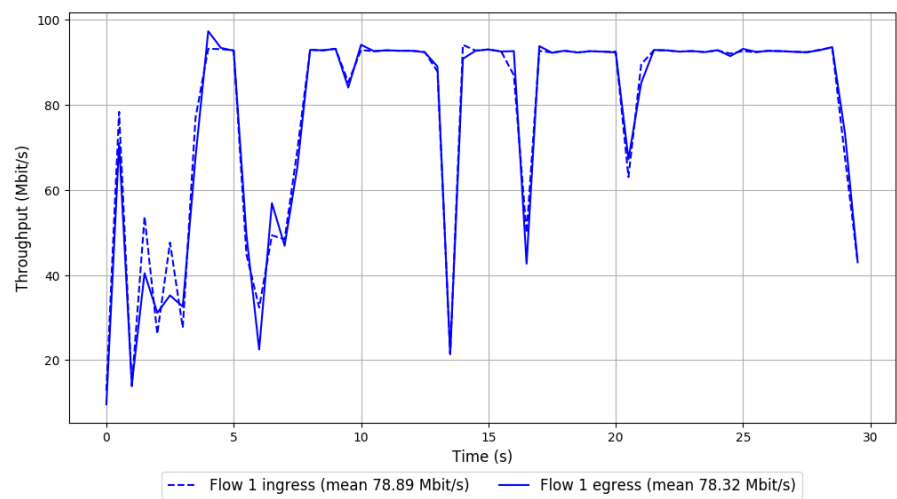
-- Flow 1:

Average throughput: 78.32 Mbit/s

95th percentile per-packet one-way delay: 42.050 ms

Loss rate: 0.67%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-10-10 21:42:25

End at: 2017-10-10 21:42:55

Local clock offset: 1.569 ms

Remote clock offset: -0.457 ms

# Below is generated by plot.py at 2017-10-11 00:15:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.61 Mbit/s

95th percentile per-packet one-way delay: 54.646 ms

Loss rate: 0.53%

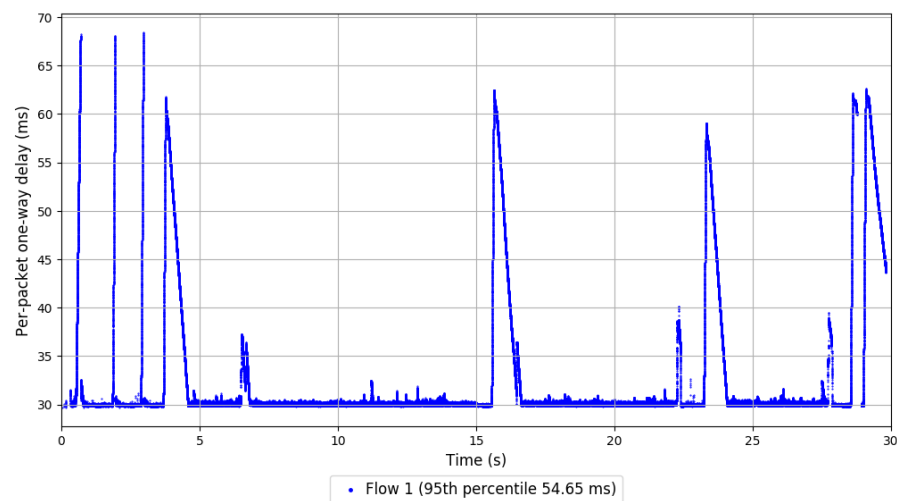
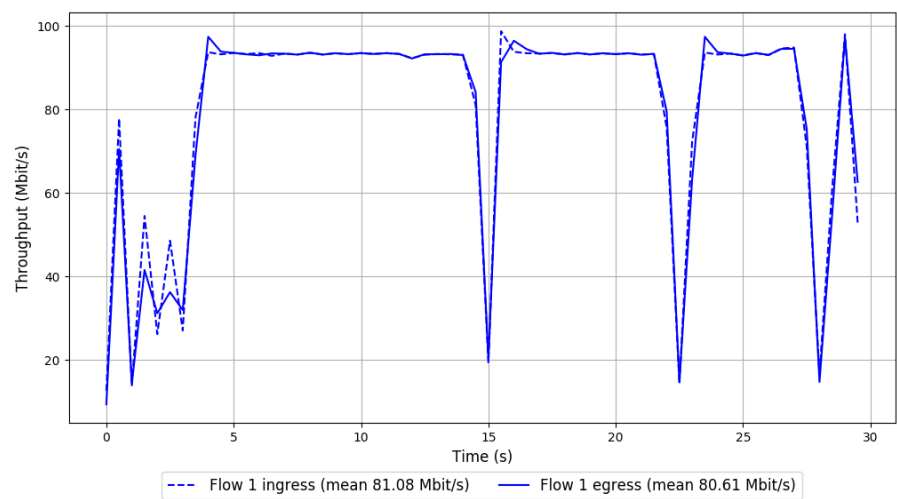
-- Flow 1:

Average throughput: 80.61 Mbit/s

95th percentile per-packet one-way delay: 54.646 ms

Loss rate: 0.53%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-10-10 22:01:03

End at: 2017-10-10 22:01:33

Local clock offset: 1.748 ms

Remote clock offset: -1.131 ms

# Below is generated by plot.py at 2017-10-11 00:15:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.09 Mbit/s

95th percentile per-packet one-way delay: 64.327 ms

Loss rate: 1.04%

-- Flow 1:

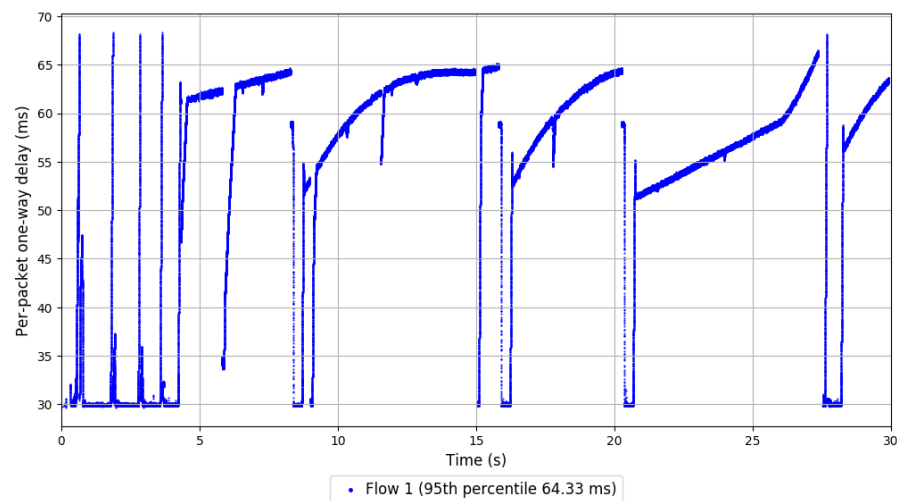
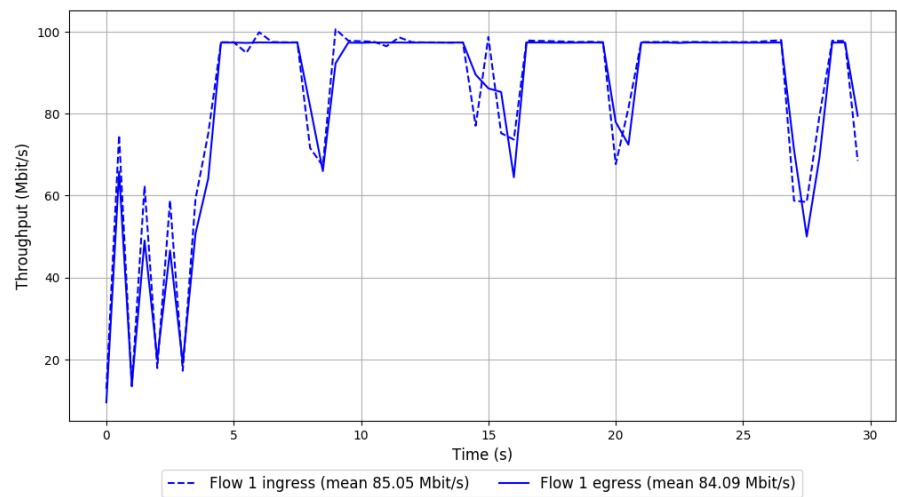
Average throughput: 84.09 Mbit/s

95th percentile per-packet one-way delay: 64.327 ms

Loss rate: 1.04%



Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-10-10 22:19:37

End at: 2017-10-10 22:20:07

Local clock offset: 1.849 ms

Remote clock offset: -1.277 ms

# Below is generated by plot.py at 2017-10-11 00:15:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.45 Mbit/s

95th percentile per-packet one-way delay: 66.182 ms

Loss rate: 0.94%

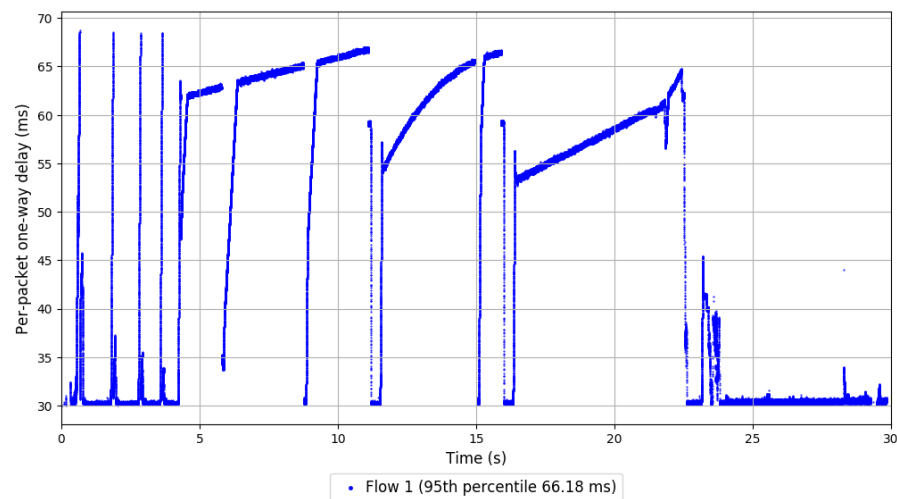
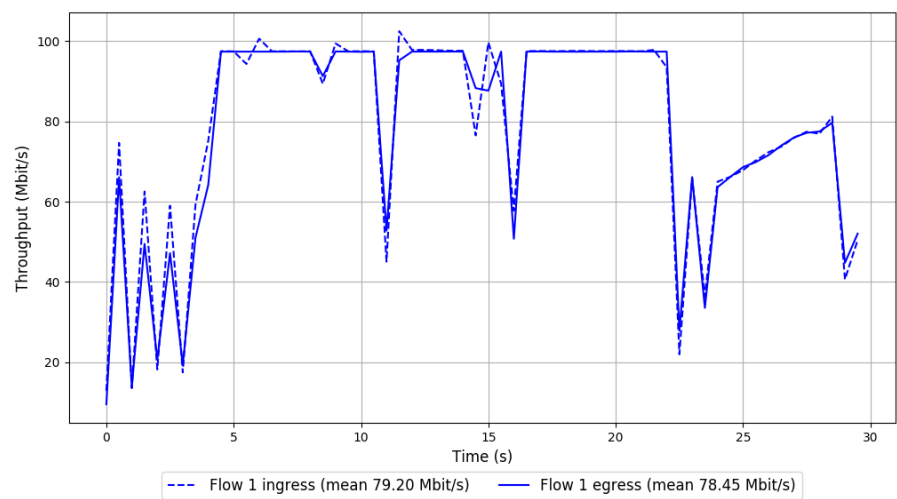
-- Flow 1:

Average throughput: 78.45 Mbit/s

95th percentile per-packet one-way delay: 66.182 ms

Loss rate: 0.94%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-10-10 22:38:20

End at: 2017-10-10 22:38:50

Local clock offset: 1.864 ms

Remote clock offset: -1.467 ms

# Below is generated by plot.py at 2017-10-11 00:15:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.29 Mbit/s

95th percentile per-packet one-way delay: 32.871 ms

Loss rate: 0.07%

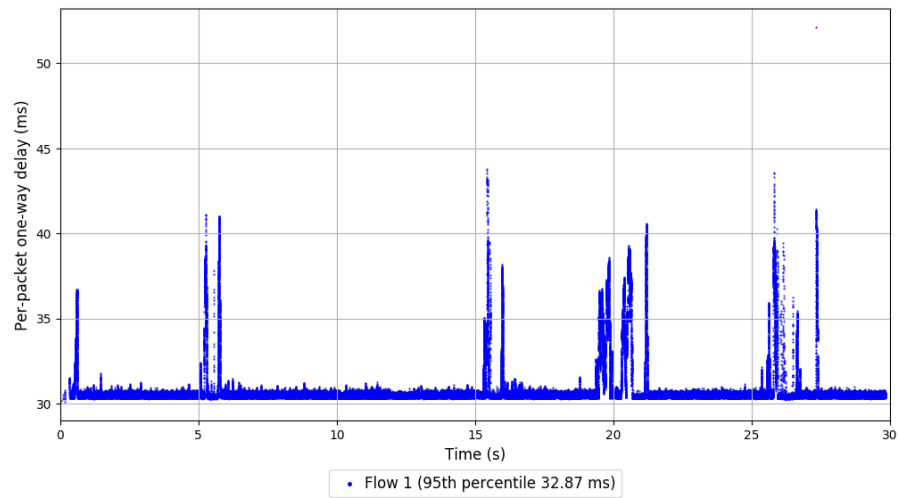
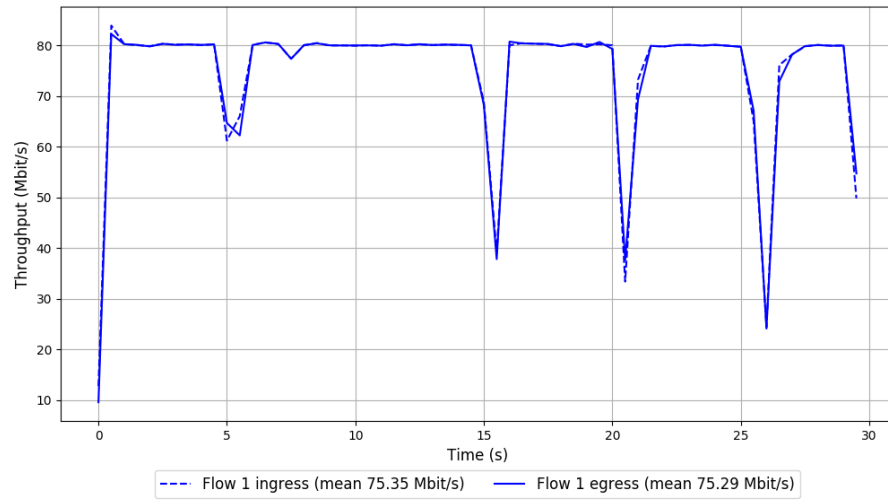
-- Flow 1:

Average throughput: 75.29 Mbit/s

95th percentile per-packet one-way delay: 32.871 ms

Loss rate: 0.07%

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



Run 8: Statistics of QUIC Cubic

Start at: 2017-10-10 22:56:56

End at: 2017-10-10 22:57:26

Local clock offset: 2.182 ms

Remote clock offset: -1.532 ms

# Below is generated by plot.py at 2017-10-11 00:16:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.73 Mbit/s

95th percentile per-packet one-way delay: 40.483 ms

Loss rate: 0.81%

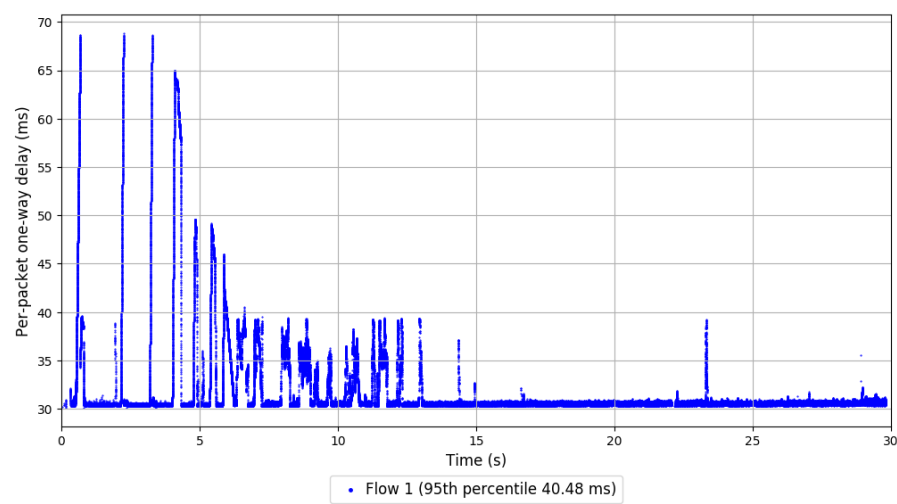
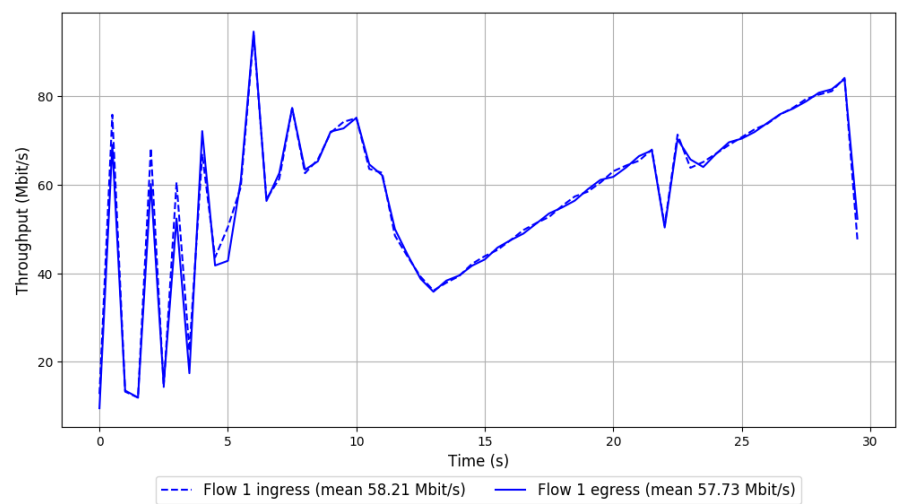
-- Flow 1:

Average throughput: 57.73 Mbit/s

95th percentile per-packet one-way delay: 40.483 ms

Loss rate: 0.81%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-10-10 23:15:26

End at: 2017-10-10 23:15:56

Local clock offset: 2.474 ms

Remote clock offset: -1.948 ms

# Below is generated by plot.py at 2017-10-11 00:16:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.23 Mbit/s

95th percentile per-packet one-way delay: 64.650 ms

Loss rate: 0.73%

-- Flow 1:

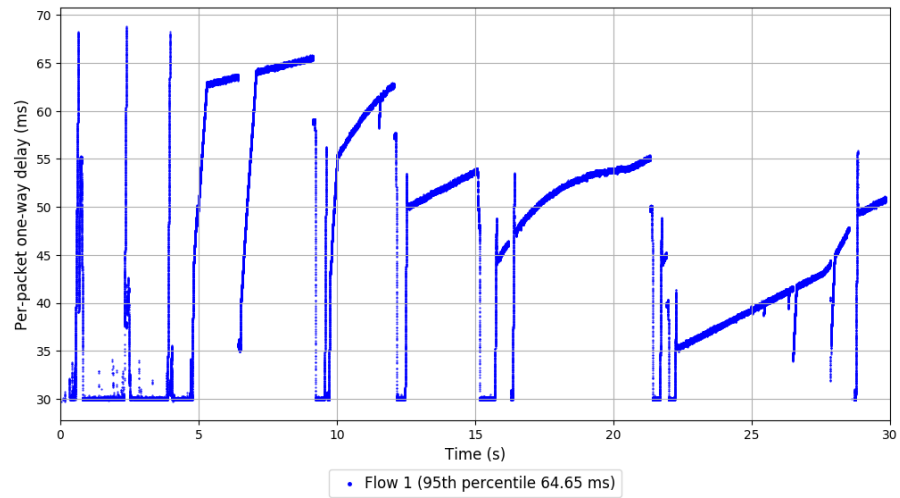
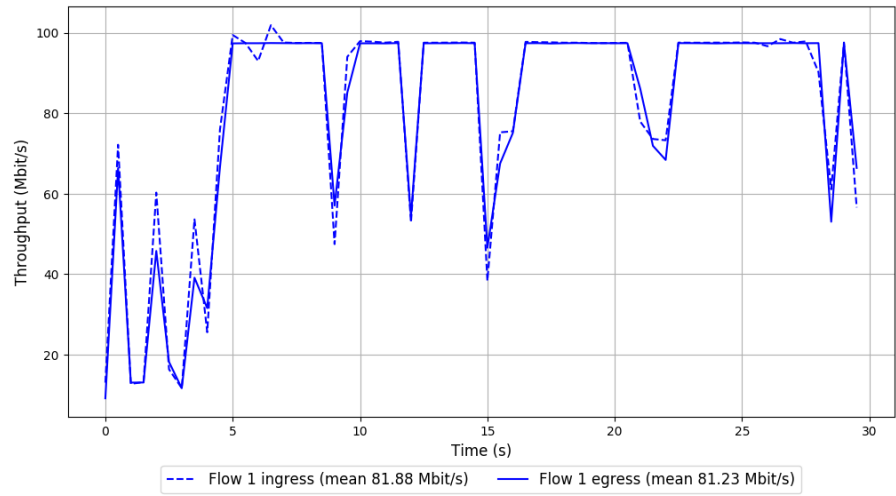
Average throughput: 81.23 Mbit/s

95th percentile per-packet one-way delay: 64.650 ms

Loss rate: 0.73%



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



Run 10: Statistics of QUIC Cubic

Start at: 2017-10-10 23:33:56

End at: 2017-10-10 23:34:26

Local clock offset: 2.567 ms

Remote clock offset: -1.95 ms

# Below is generated by plot.py at 2017-10-11 00:16:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.26 Mbit/s

95th percentile per-packet one-way delay: 65.010 ms

Loss rate: 0.96%

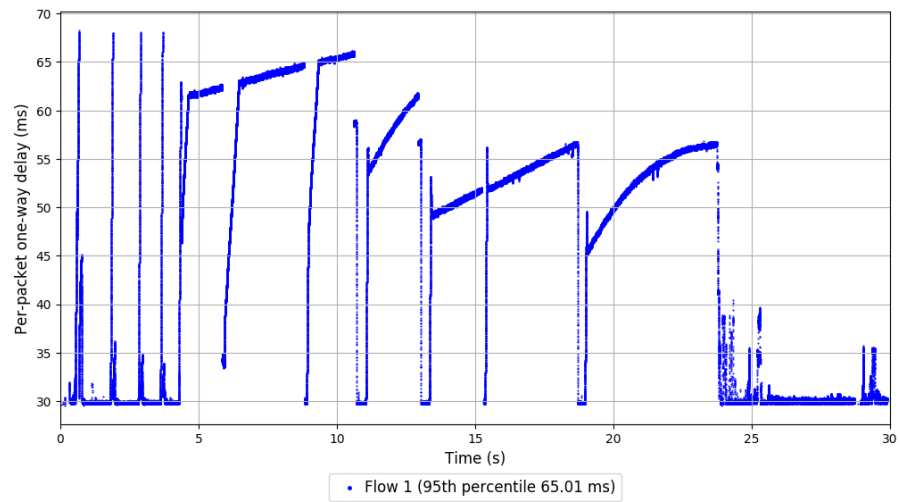
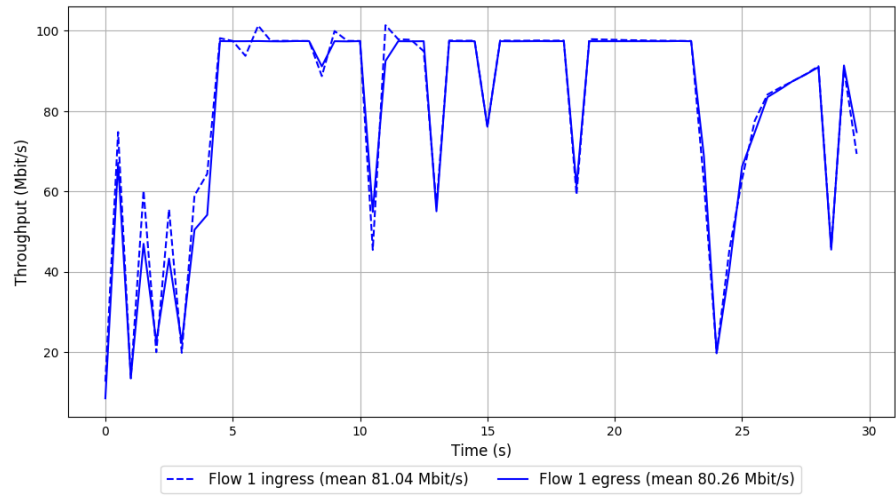
-- Flow 1:

Average throughput: 80.26 Mbit/s

95th percentile per-packet one-way delay: 65.010 ms

Loss rate: 0.96%

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



Run 1: Statistics of SCReAM

Start at: 2017-10-10 20:49:13

End at: 2017-10-10 20:49:43

Local clock offset: 2.841 ms

Remote clock offset: 3.954 ms

# Below is generated by plot.py at 2017-10-11 00:16:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 34.239 ms

Loss rate: 0.00%

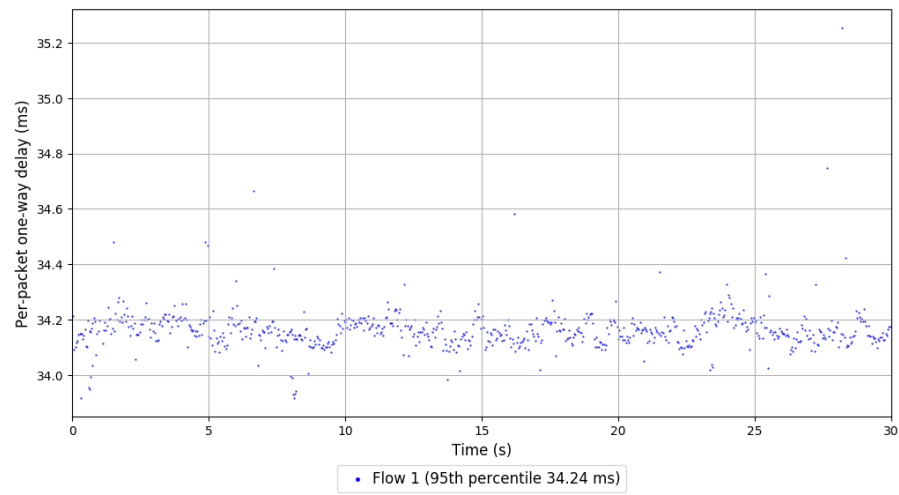
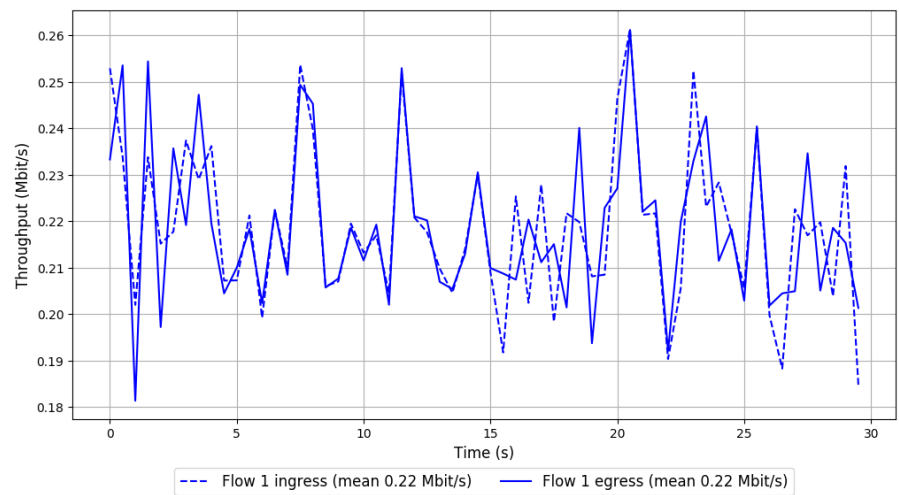
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 34.239 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

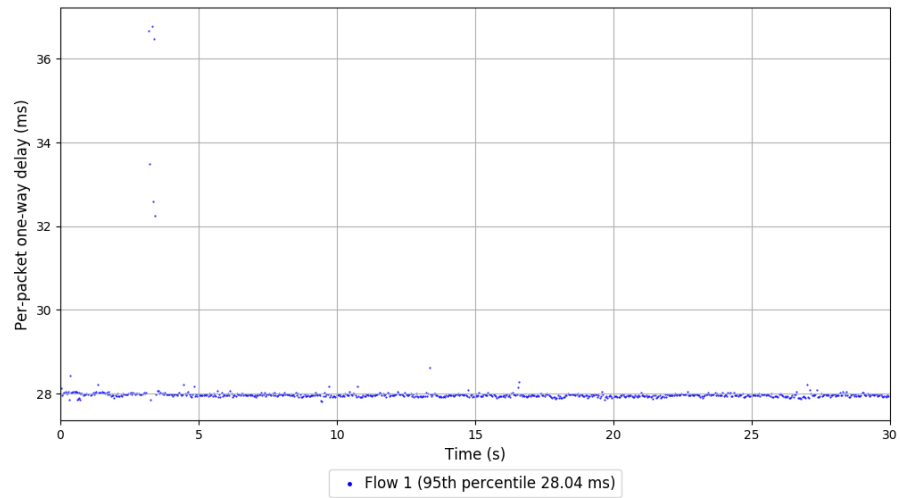
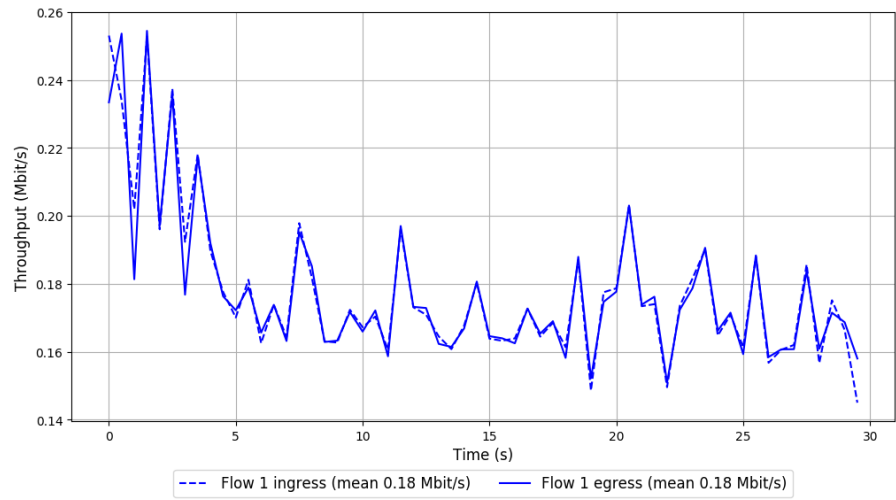


Run 2: Statistics of SCReAM

Start at: 2017-10-10 21:07:45  
End at: 2017-10-10 21:08:15  
Local clock offset: 1.992 ms  
Remote clock offset: -2.486 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.18 Mbit/s  
95th percentile per-packet one-way delay: 28.044 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 0.18 Mbit/s  
95th percentile per-packet one-way delay: 28.044 ms  
Loss rate: 0.18%

## Run 2: Report of SReAM — Data Link



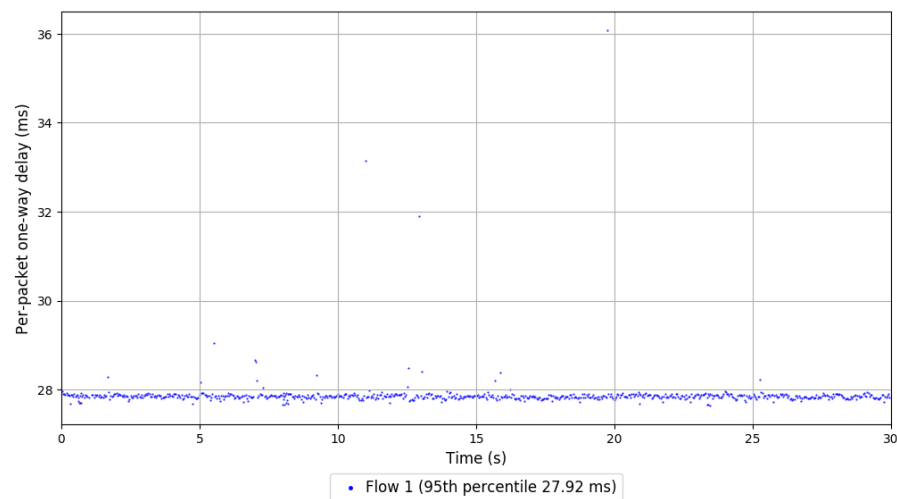
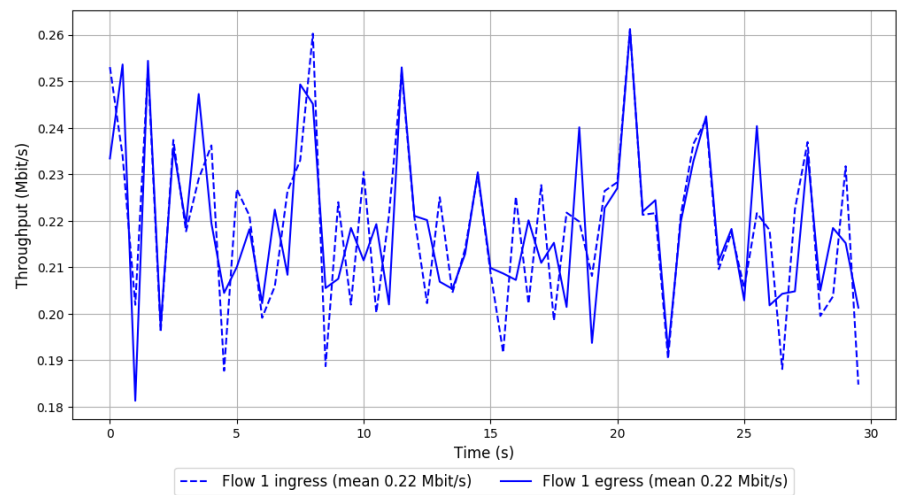
Run 3: Statistics of SCReAM

Start at: 2017-10-10 21:26:24  
End at: 2017-10-10 21:26:54  
Local clock offset: 1.583 ms  
Remote clock offset: -2.594 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 27.918 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 27.918 ms  
Loss rate: 0.00%



Run 3: Report of SReAM — Data Link

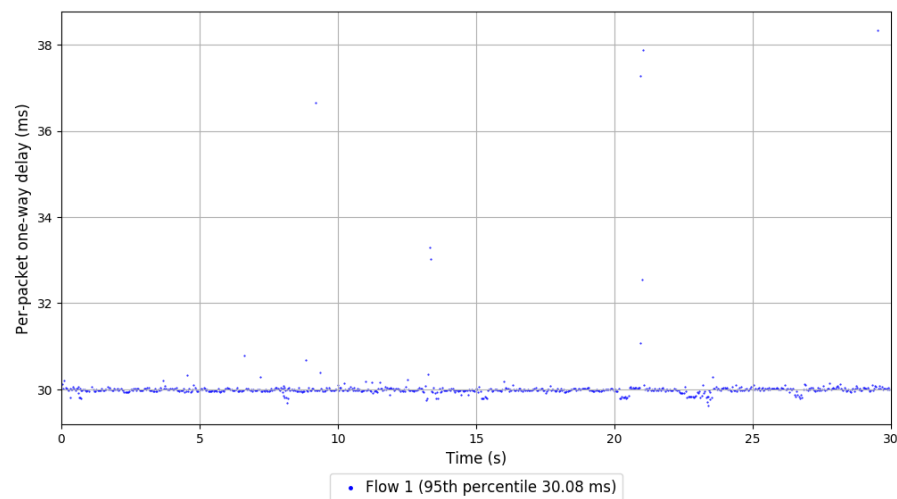
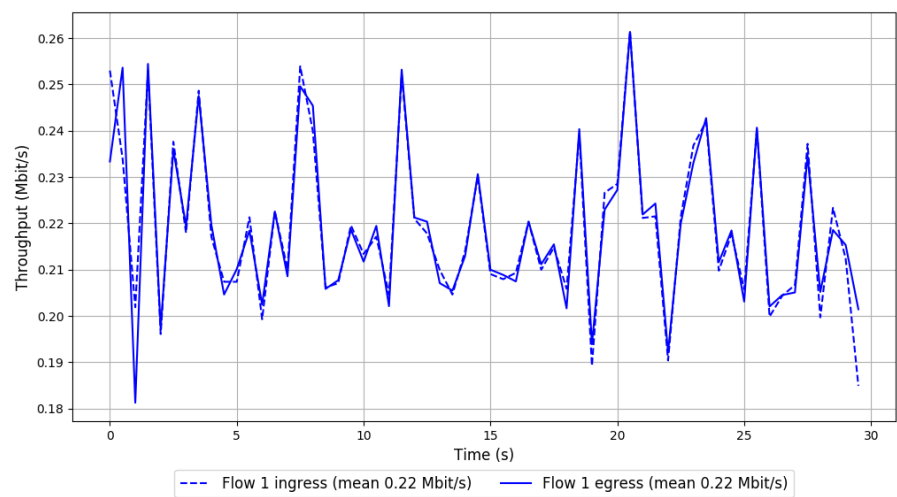


Run 4: Statistics of SCReAM

Start at: 2017-10-10 21:45:01  
End at: 2017-10-10 21:45:31  
Local clock offset: 1.7 ms  
Remote clock offset: -0.393 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 30.077 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 30.077 ms  
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

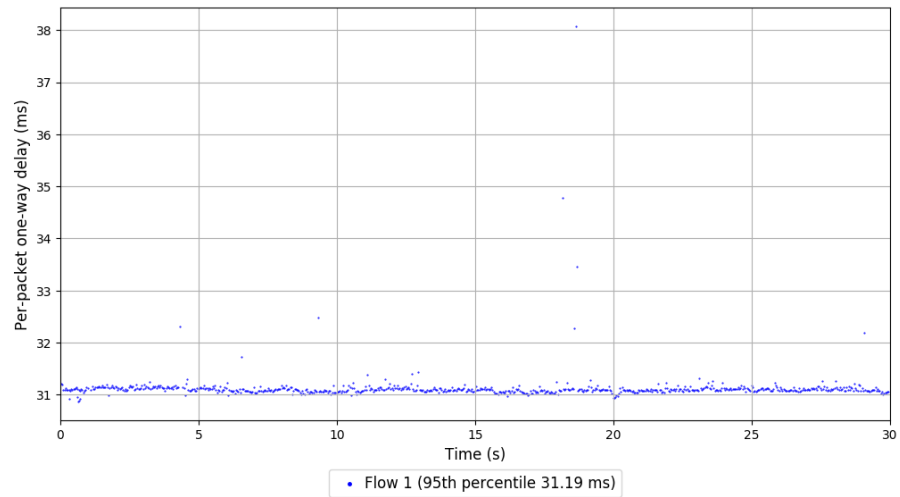
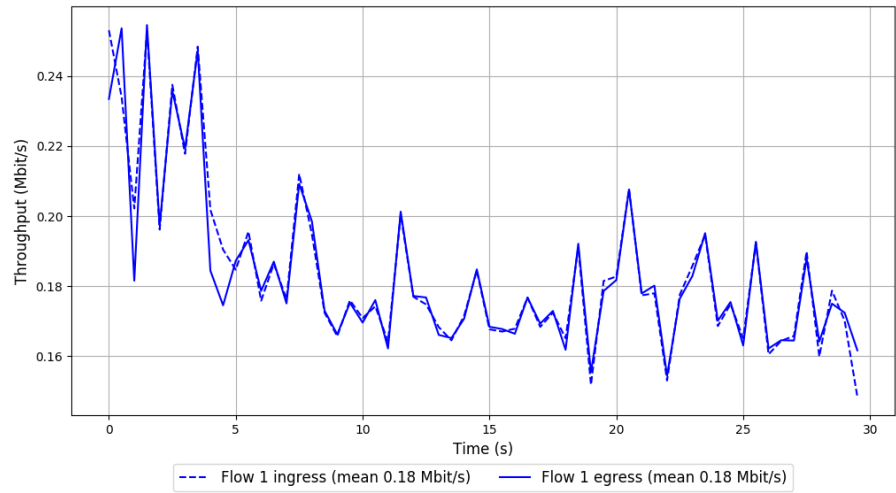


Run 5: Statistics of SCReAM

Start at: 2017-10-10 22:03:40  
End at: 2017-10-10 22:04:10  
Local clock offset: 1.725 ms  
Remote clock offset: -0.807 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.18 Mbit/s  
95th percentile per-packet one-way delay: 31.188 ms  
Loss rate: 0.32%  
-- Flow 1:  
Average throughput: 0.18 Mbit/s  
95th percentile per-packet one-way delay: 31.188 ms  
Loss rate: 0.32%

## Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-10-10 22:22:14

End at: 2017-10-10 22:22:44

Local clock offset: 1.803 ms

Remote clock offset: -1.34 ms

# Below is generated by plot.py at 2017-10-11 00:16:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.460 ms

Loss rate: 0.00%

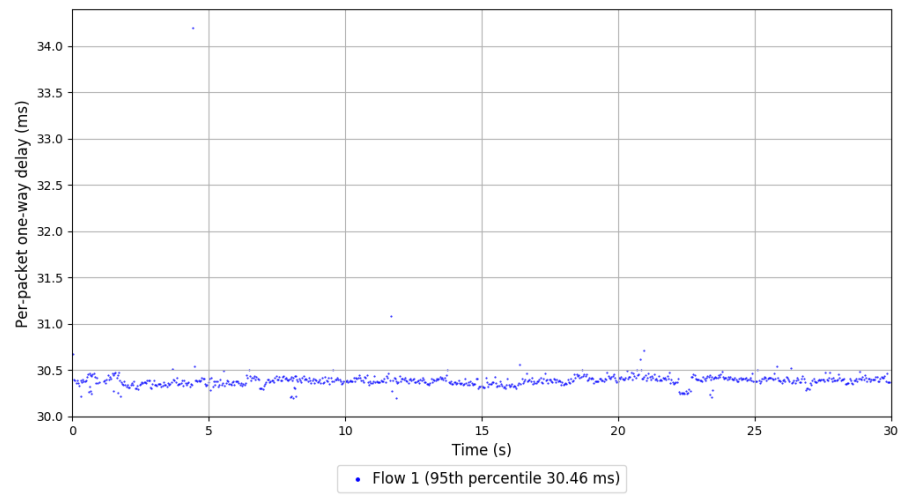
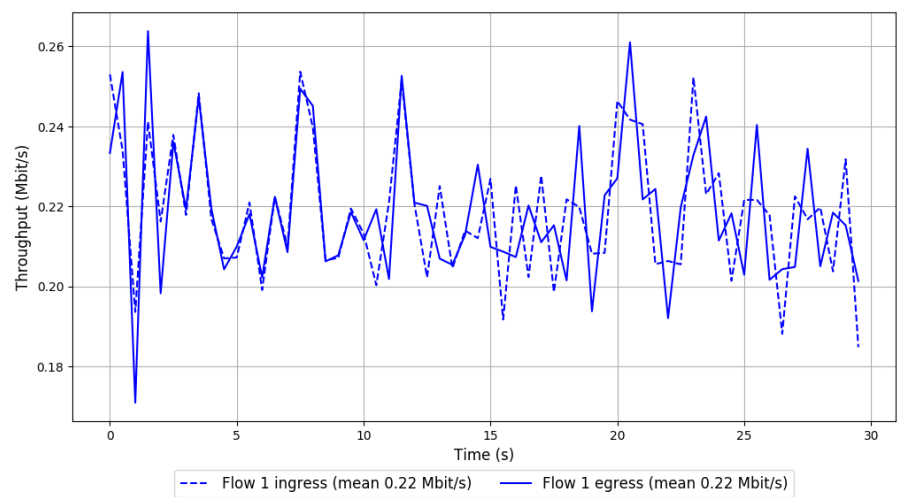
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.460 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



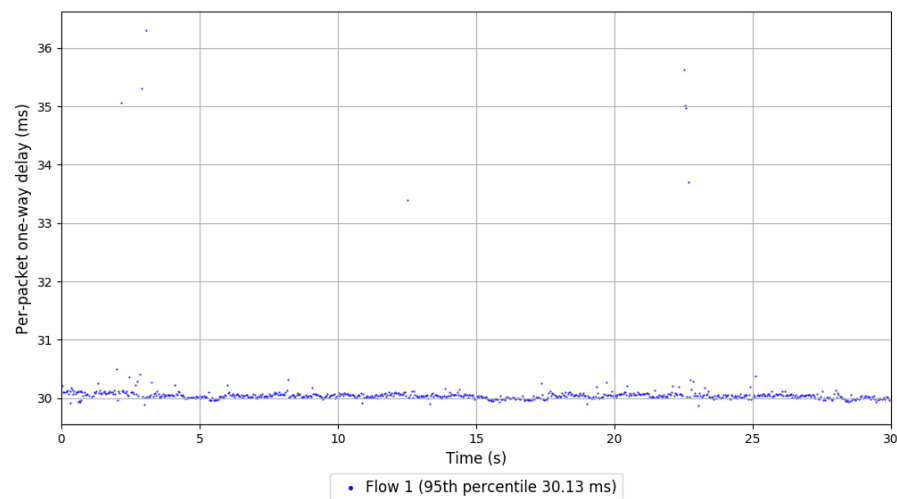
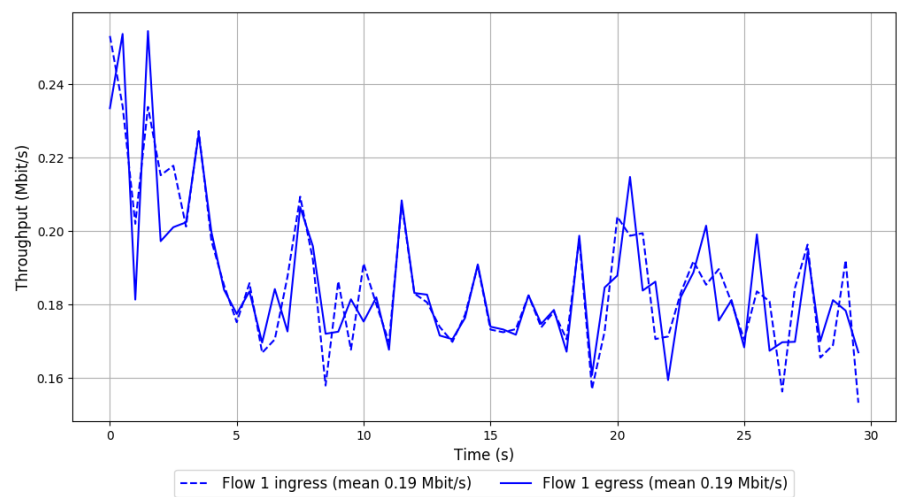
Run 7: Statistics of SCReAM

Start at: 2017-10-10 22:40:57  
End at: 2017-10-10 22:41:27  
Local clock offset: 1.831 ms  
Remote clock offset: -1.906 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.19 Mbit/s  
95th percentile per-packet one-way delay: 30.132 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 0.19 Mbit/s  
95th percentile per-packet one-way delay: 30.132 ms  
Loss rate: 0.15%



Run 7: Report of SReAM — Data Link

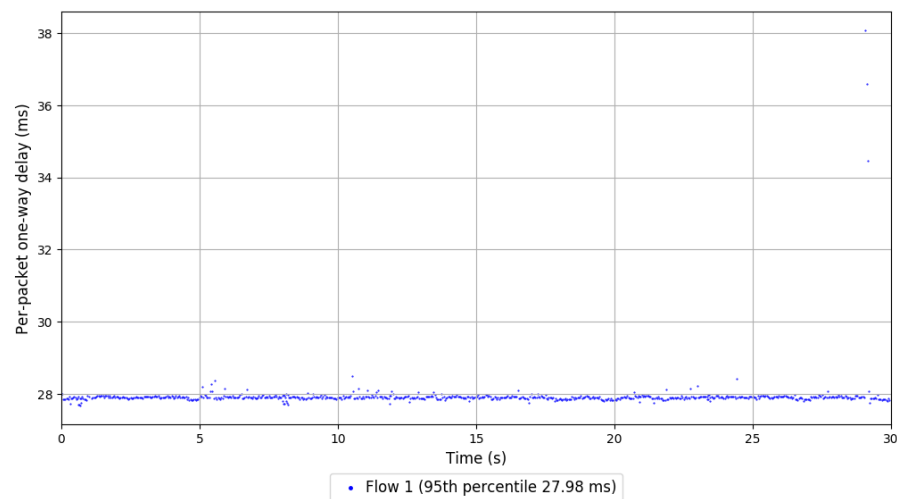
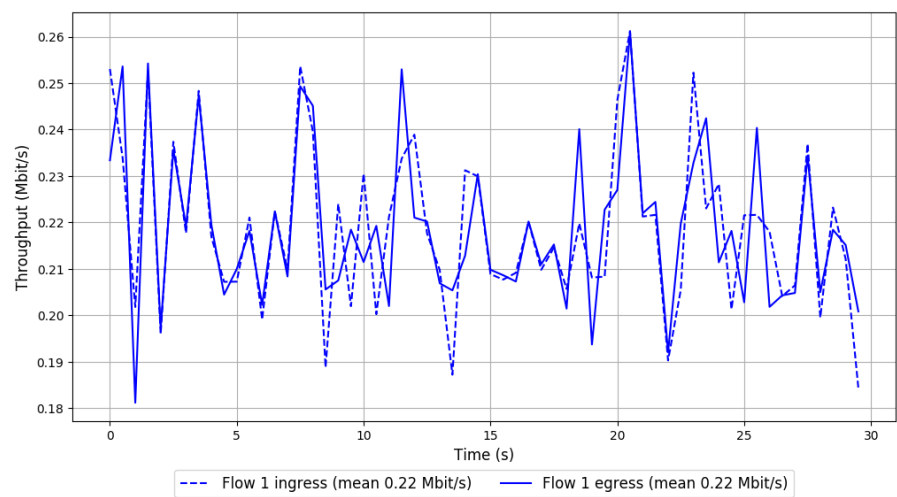


Run 8: Statistics of SCReAM

Start at: 2017-10-10 22:59:32  
End at: 2017-10-10 23:00:02  
Local clock offset: 2.324 ms  
Remote clock offset: -4.035 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 27.985 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 27.985 ms  
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

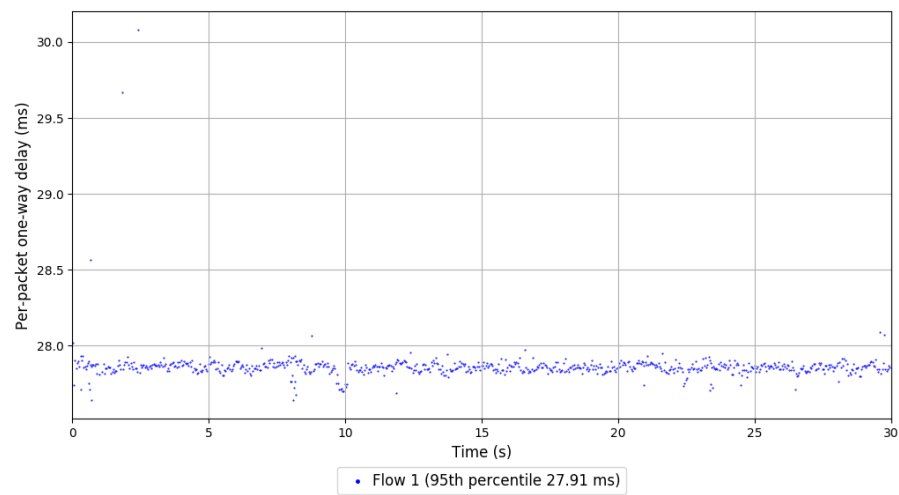
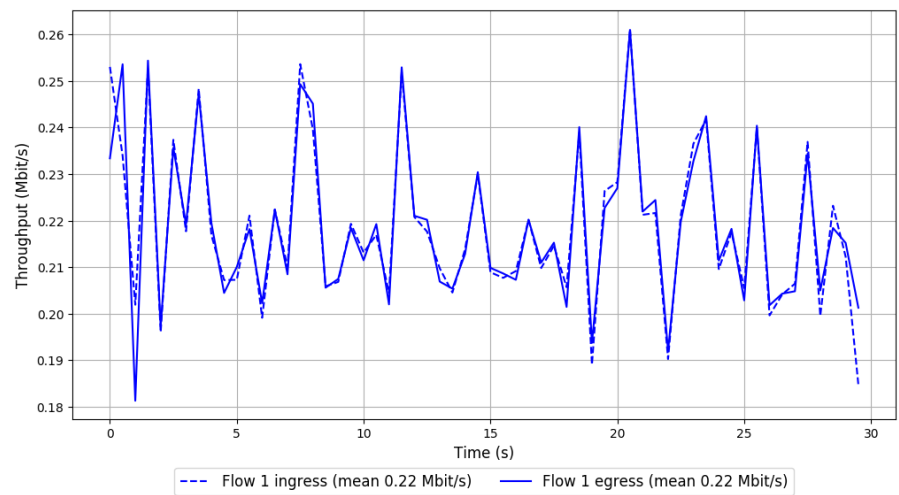


Run 9: Statistics of SReAM

Start at: 2017-10-10 23:18:02  
End at: 2017-10-10 23:18:32  
Local clock offset: 2.524 ms  
Remote clock offset: -4.127 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 27.906 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 27.906 ms  
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2017-10-10 23:36:32

End at: 2017-10-10 23:37:02

Local clock offset: 2.574 ms

Remote clock offset: -1.737 ms

# Below is generated by plot.py at 2017-10-11 00:16:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.807 ms

Loss rate: 0.00%

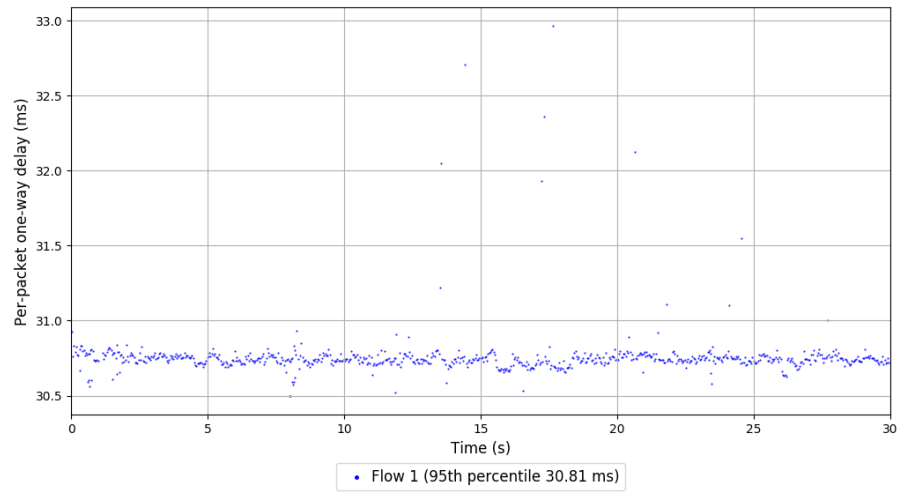
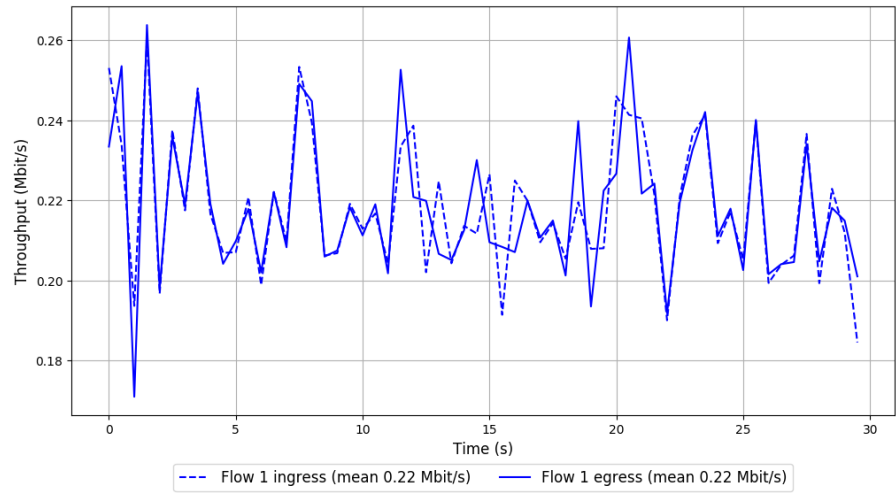
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.807 ms

Loss rate: 0.00%

## Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-10-10 20:45:26

End at: 2017-10-10 20:45:56

Local clock offset: 2.682 ms

Remote clock offset: 3.887 ms

# Below is generated by plot.py at 2017-10-11 00:16:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 34.822 ms

Loss rate: 0.00%

-- Flow 1:

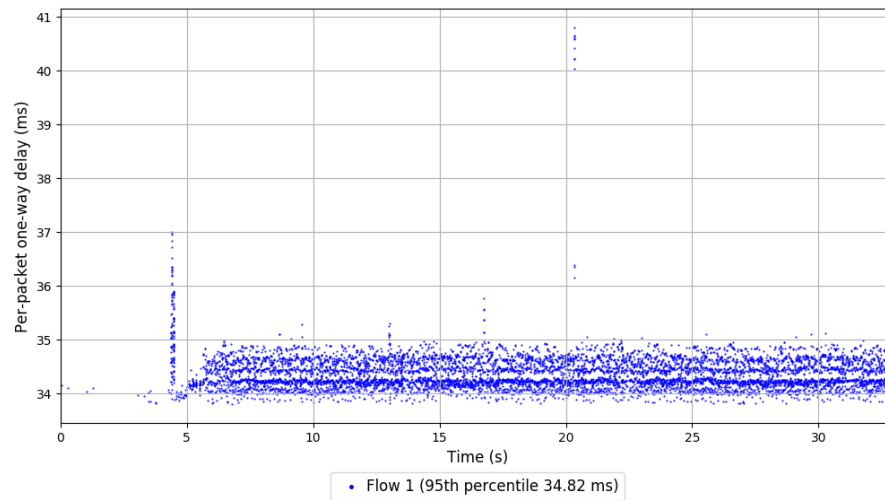
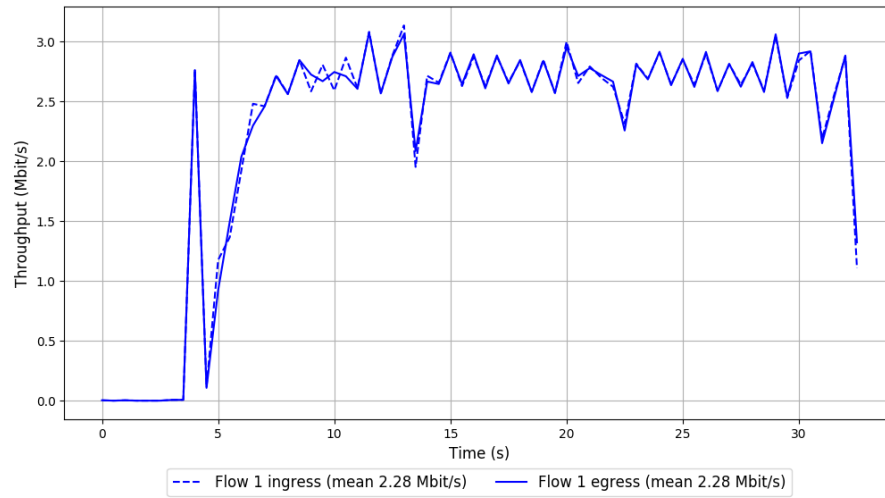
Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 34.822 ms

Loss rate: 0.00%



### Run 1: Report of WebRTC media — Data Link

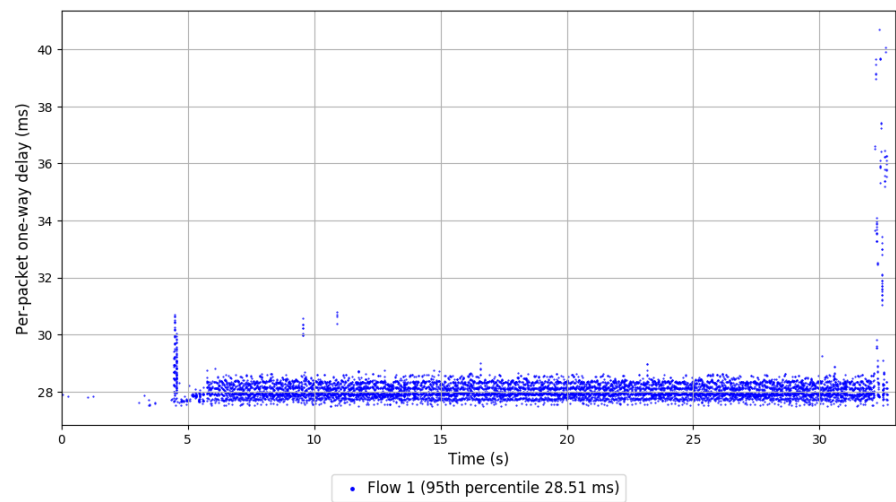
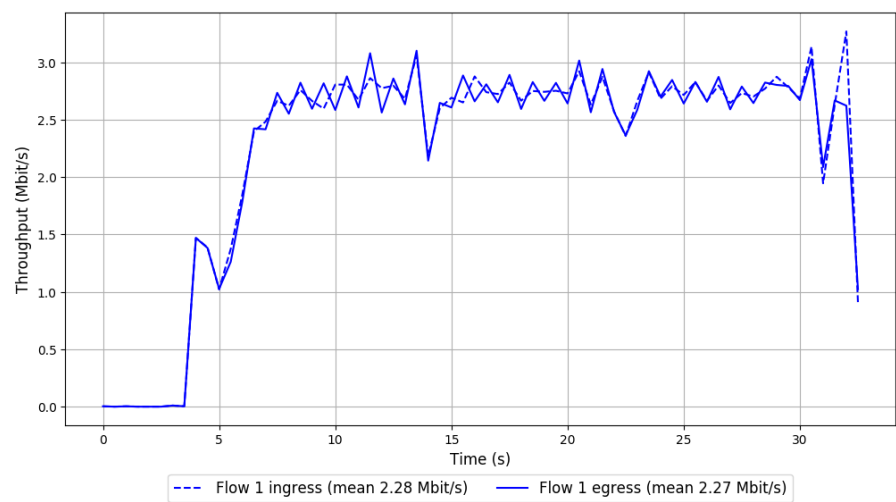


Run 2: Statistics of WebRTC media

Start at: 2017-10-10 21:03:52  
End at: 2017-10-10 21:04:22  
Local clock offset: 2.125 ms  
Remote clock offset: -2.481 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 28.513 ms  
Loss rate: 0.46%  
-- Flow 1:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 28.513 ms  
Loss rate: 0.46%

Run 2: Report of WebRTC media — Data Link

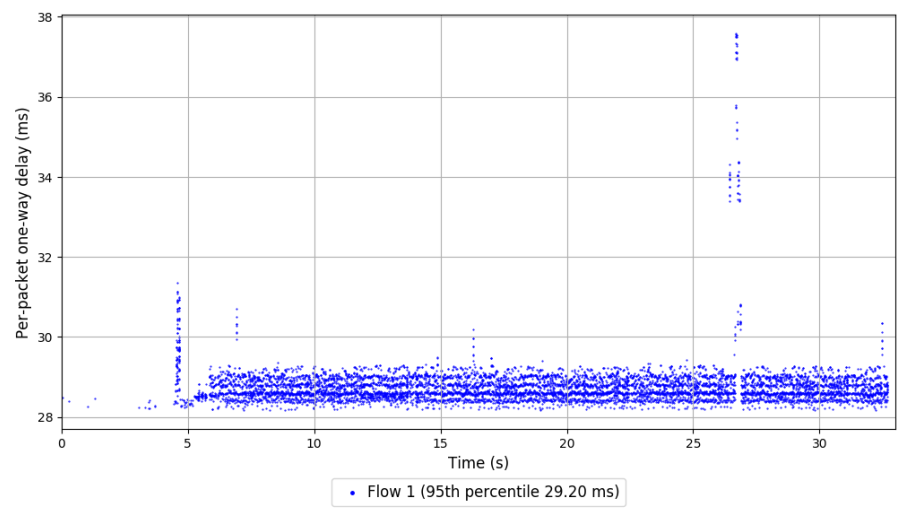
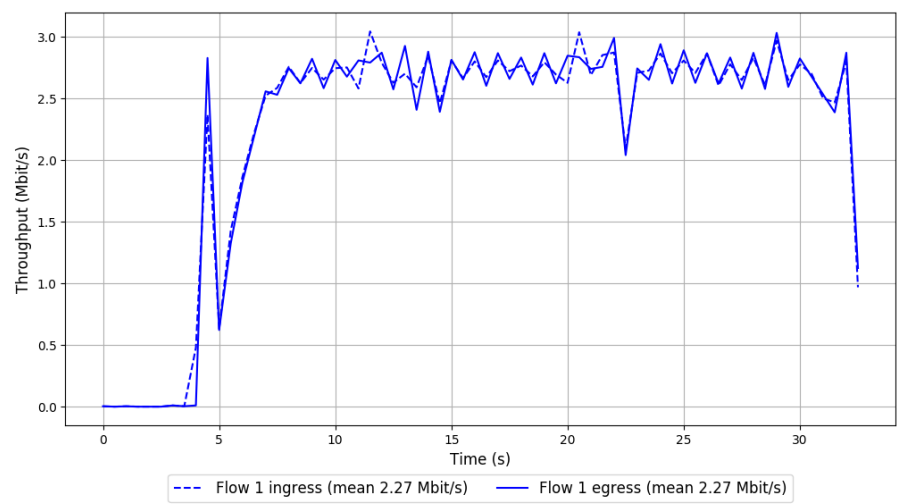


Run 3: Statistics of WebRTC media

Start at: 2017-10-10 21:22:31  
End at: 2017-10-10 21:23:01  
Local clock offset: 1.682 ms  
Remote clock offset: -2.533 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 29.201 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 29.201 ms  
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

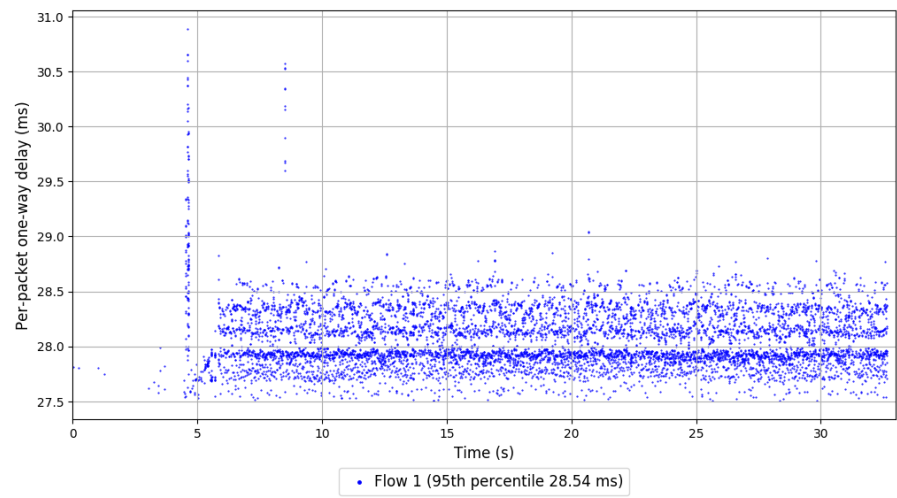
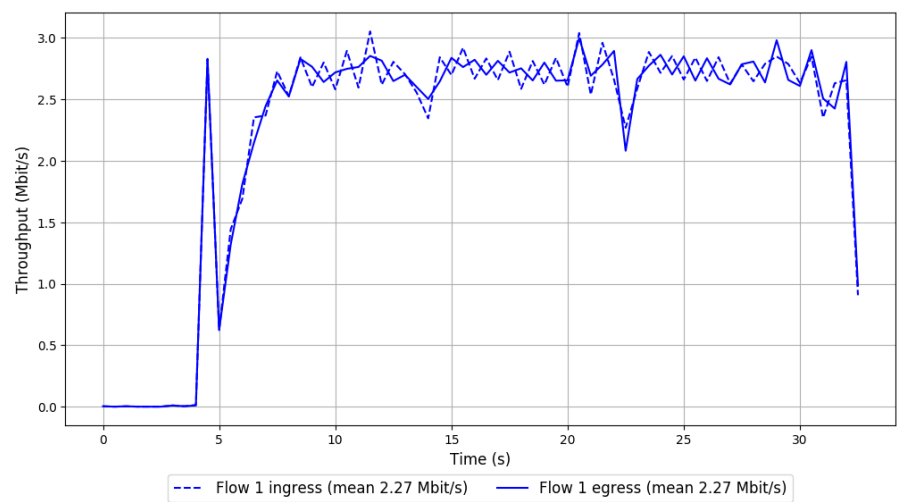


Run 4: Statistics of WebRTC media

Start at: 2017-10-10 21:41:09  
End at: 2017-10-10 21:41:39  
Local clock offset: 1.661 ms  
Remote clock offset: -2.465 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 28.539 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 28.539 ms  
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



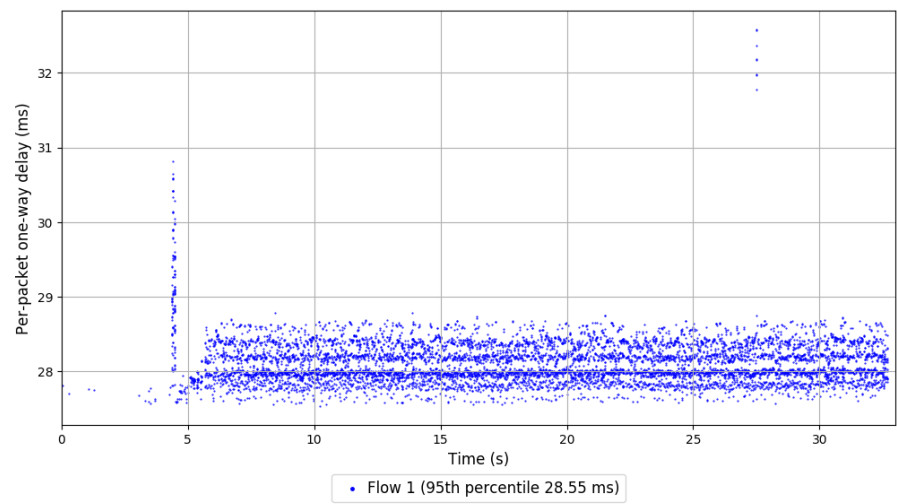
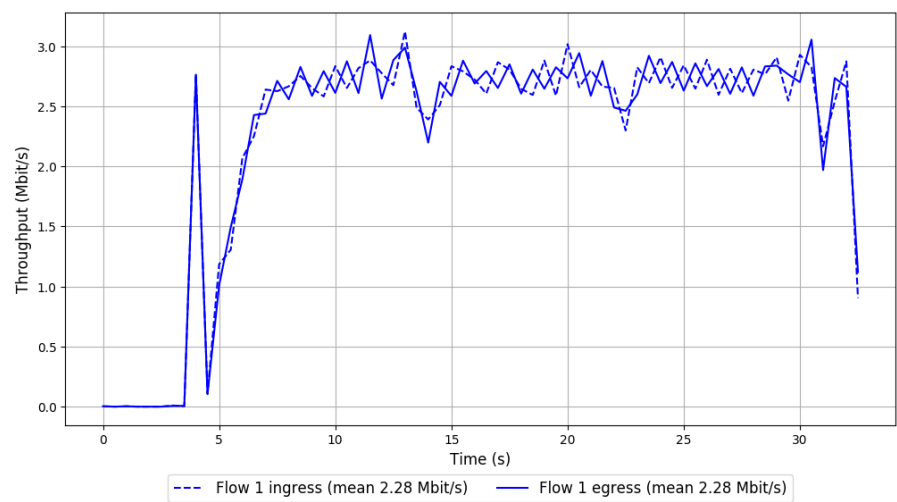
Run 5: Statistics of WebRTC media

Start at: 2017-10-10 21:59:47  
End at: 2017-10-10 22:00:17  
Local clock offset: 1.815 ms  
Remote clock offset: -3.089 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 28.551 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 28.551 ms  
Loss rate: 0.00%



Run 5: Report of WebRTC media — Data Link

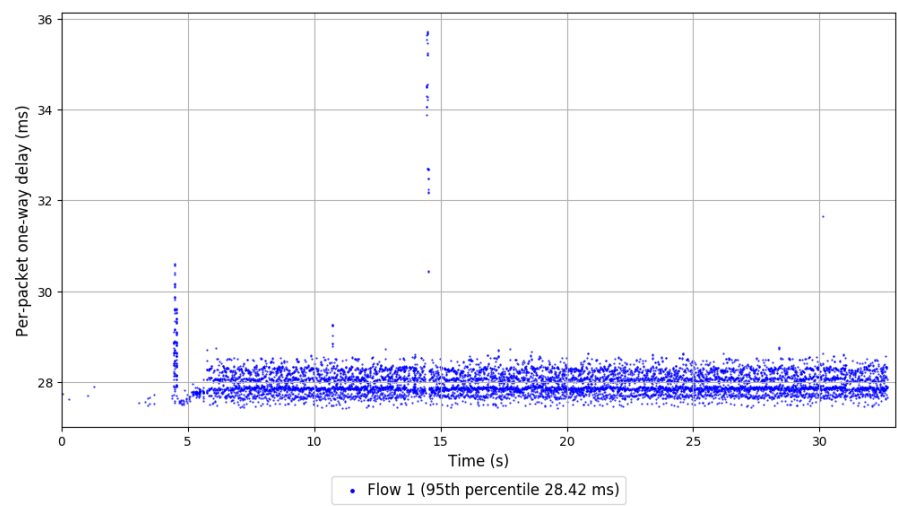
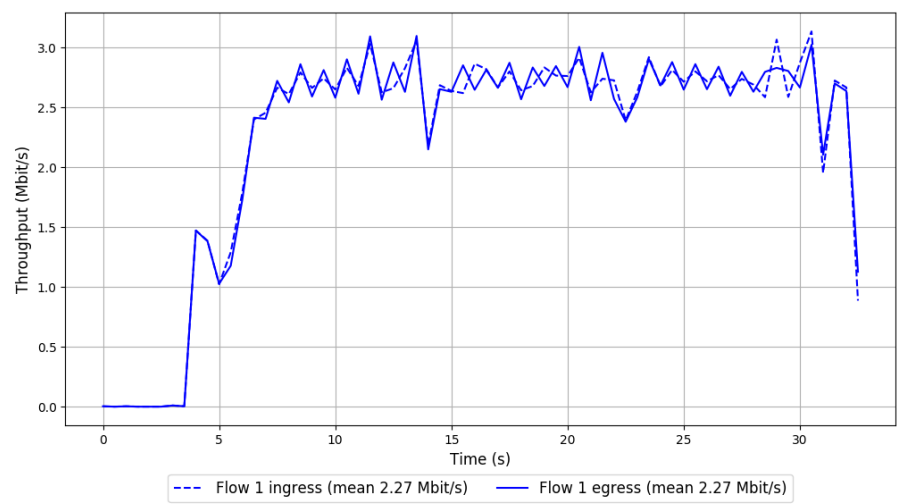


Run 6: Statistics of WebRTC media

Start at: 2017-10-10 22:18:21  
End at: 2017-10-10 22:18:51  
Local clock offset: 1.852 ms  
Remote clock offset: -3.749 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 28.423 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 28.423 ms  
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

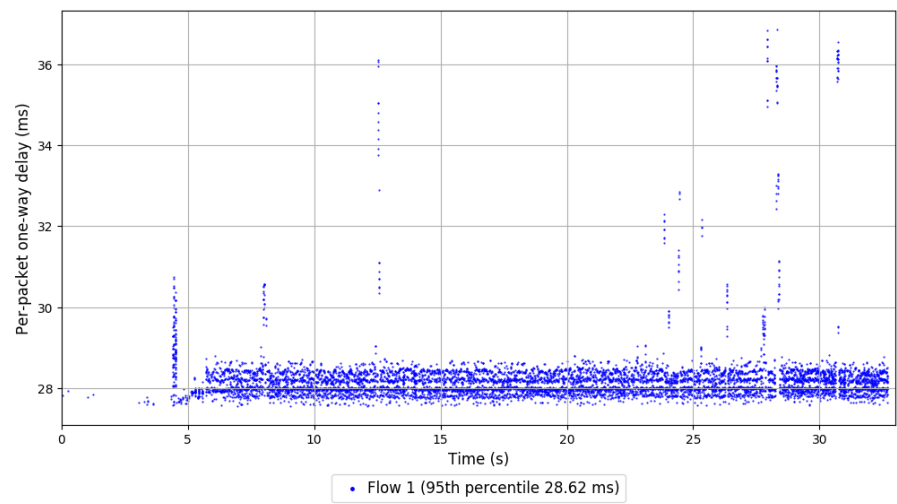
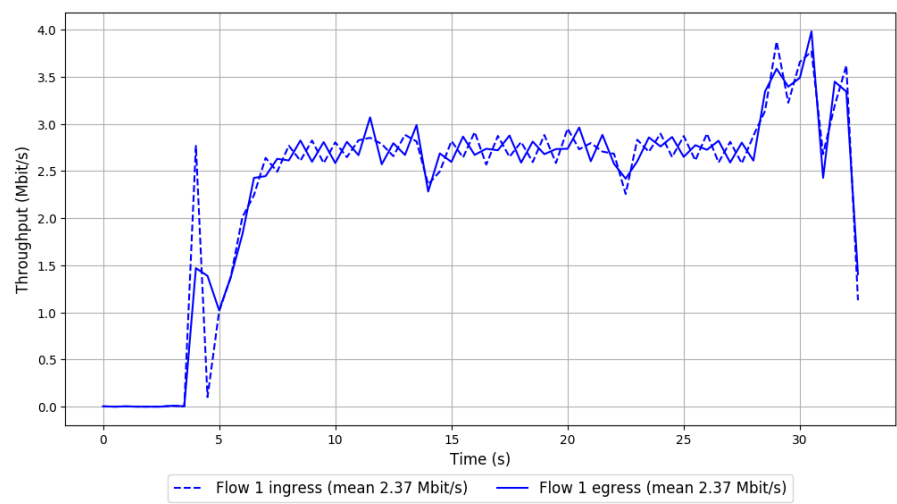


Run 7: Statistics of WebRTC media

Start at: 2017-10-10 22:37:04  
End at: 2017-10-10 22:37:34  
Local clock offset: 1.757 ms  
Remote clock offset: -4.083 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 28.621 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 2.37 Mbit/s  
95th percentile per-packet one-way delay: 28.621 ms  
Loss rate: 0.09%

Run 7: Report of WebRTC media — Data Link

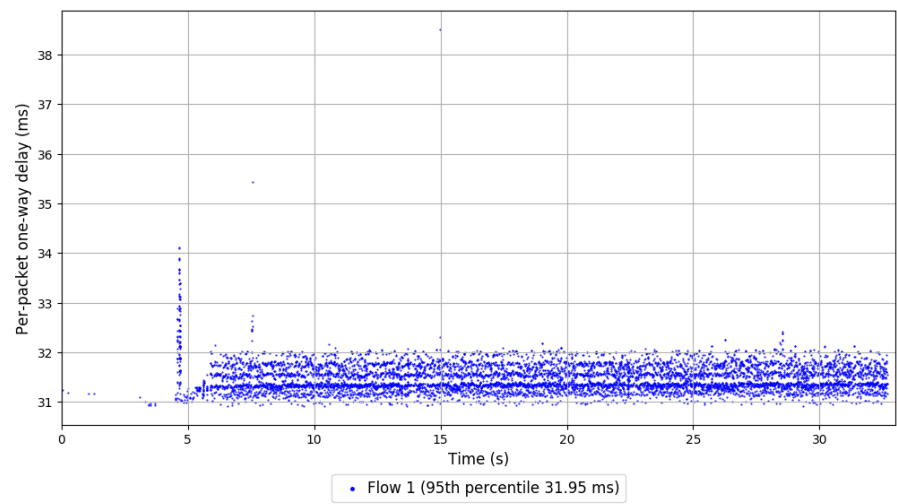
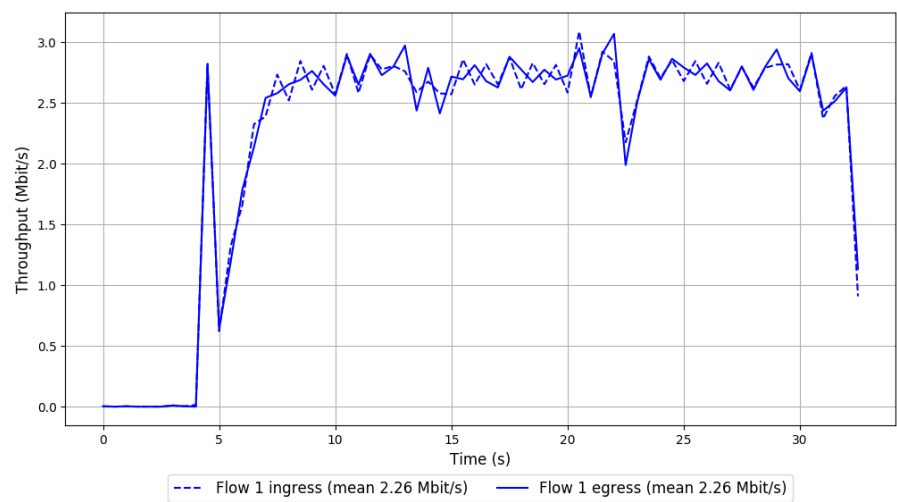


Run 8: Statistics of WebRTC media

Start at: 2017-10-10 22:55:40  
End at: 2017-10-10 22:56:10  
Local clock offset: 2.129 ms  
Remote clock offset: -1.413 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.26 Mbit/s  
95th percentile per-packet one-way delay: 31.951 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.26 Mbit/s  
95th percentile per-packet one-way delay: 31.951 ms  
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



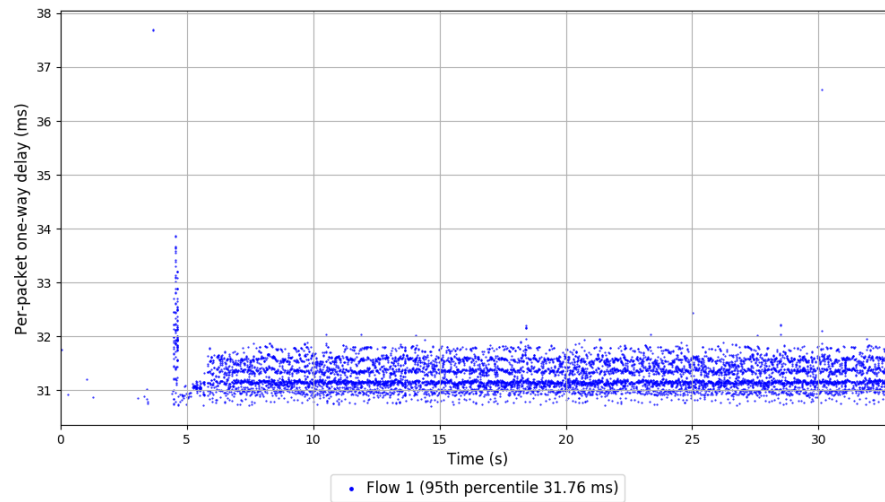
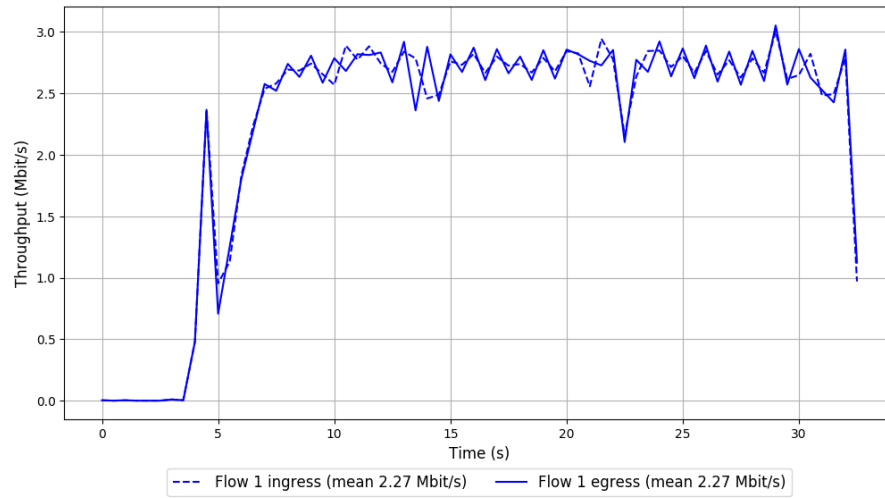
Run 9: Statistics of WebRTC media

Start at: 2017-10-10 23:14:10  
End at: 2017-10-10 23:14:40  
Local clock offset: 2.396 ms  
Remote clock offset: -1.674 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 31.756 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 31.756 ms  
Loss rate: 0.00%



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



Run 10: Statistics of WebRTC media

Start at: 2017-10-10 23:32:40

End at: 2017-10-10 23:33:10

Local clock offset: 2.442 ms

Remote clock offset: -4.003 ms

# Below is generated by plot.py at 2017-10-11 00:16:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 29.288 ms

Loss rate: 0.02%

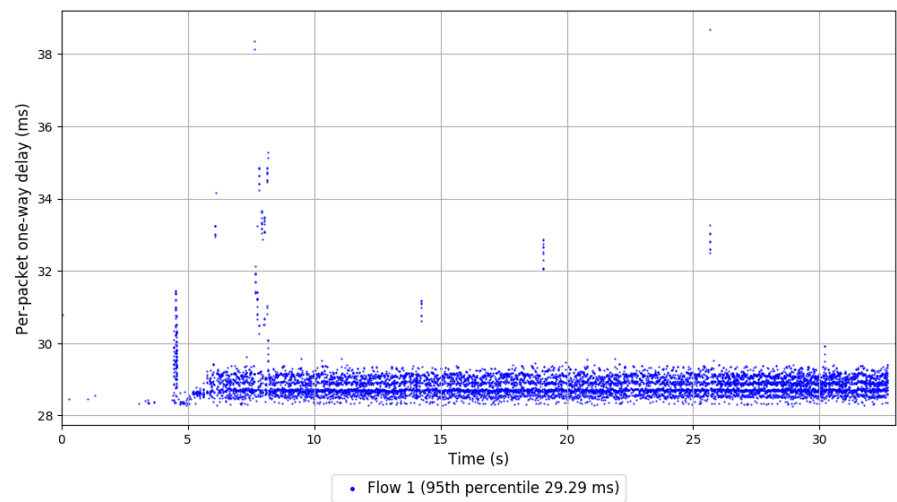
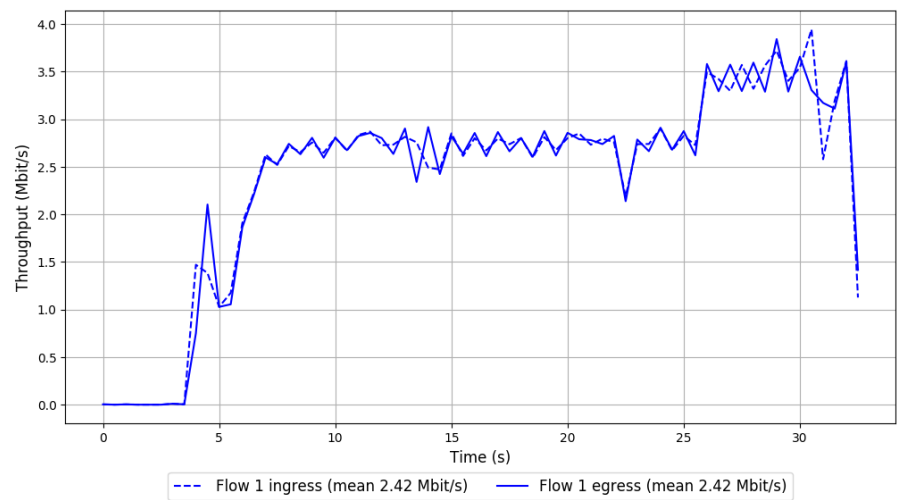
-- Flow 1:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 29.288 ms

Loss rate: 0.02%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2017-10-10 20:47:57

End at: 2017-10-10 20:48:27

Local clock offset: 2.788 ms

Remote clock offset: 3.862 ms

# Below is generated by plot.py at 2017-10-11 00:16:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.88 Mbit/s

95th percentile per-packet one-way delay: 38.172 ms

Loss rate: 0.12%

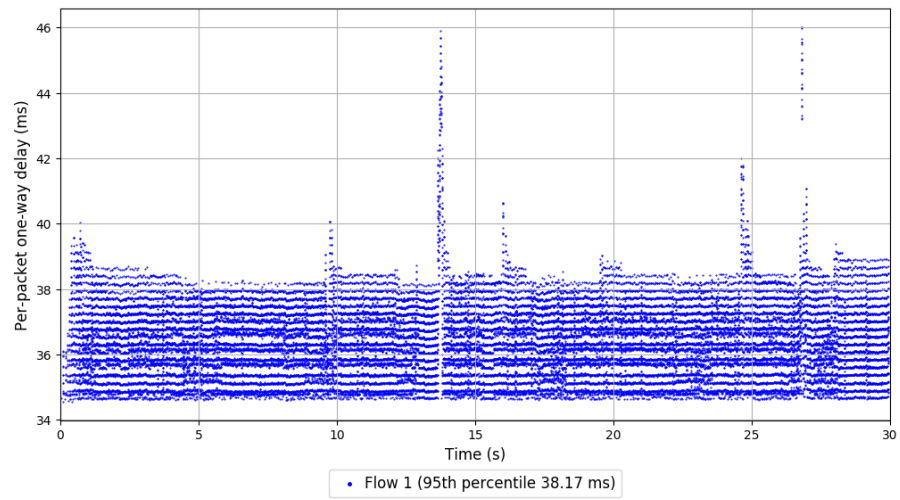
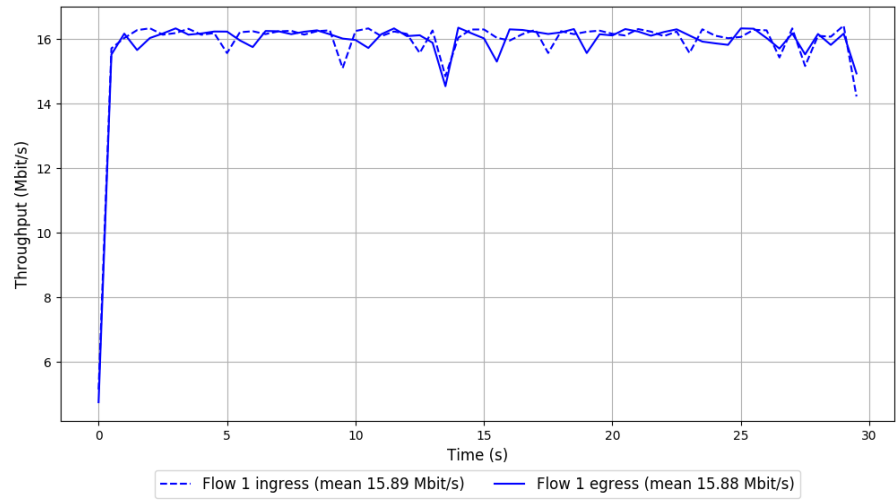
-- Flow 1:

Average throughput: 15.88 Mbit/s

95th percentile per-packet one-way delay: 38.172 ms

Loss rate: 0.12%

# Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2017-10-10 21:06:28

End at: 2017-10-10 21:06:58

Local clock offset: 1.993 ms

Remote clock offset: -0.01 ms

# Below is generated by plot.py at 2017-10-11 00:16:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.70 Mbit/s

95th percentile per-packet one-way delay: 34.989 ms

Loss rate: 0.47%

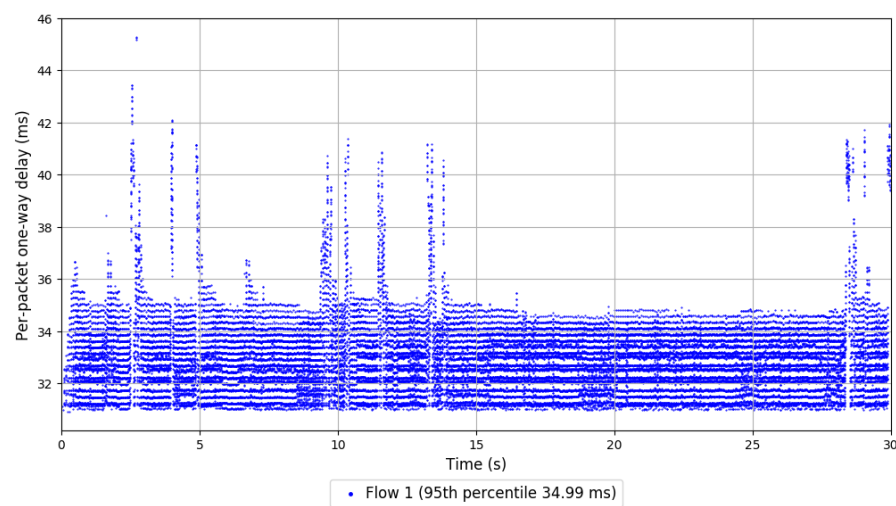
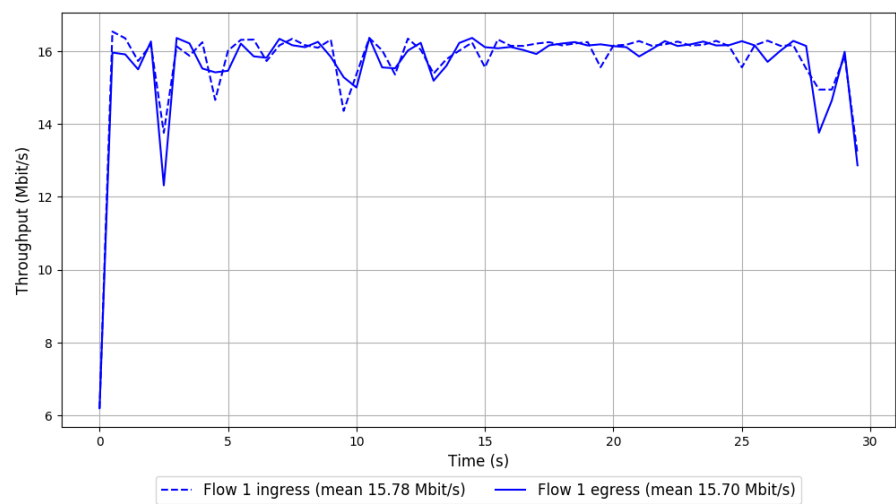
-- Flow 1:

Average throughput: 15.70 Mbit/s

95th percentile per-packet one-way delay: 34.989 ms

Loss rate: 0.47%

Run 2: Report of Sprout — Data Link



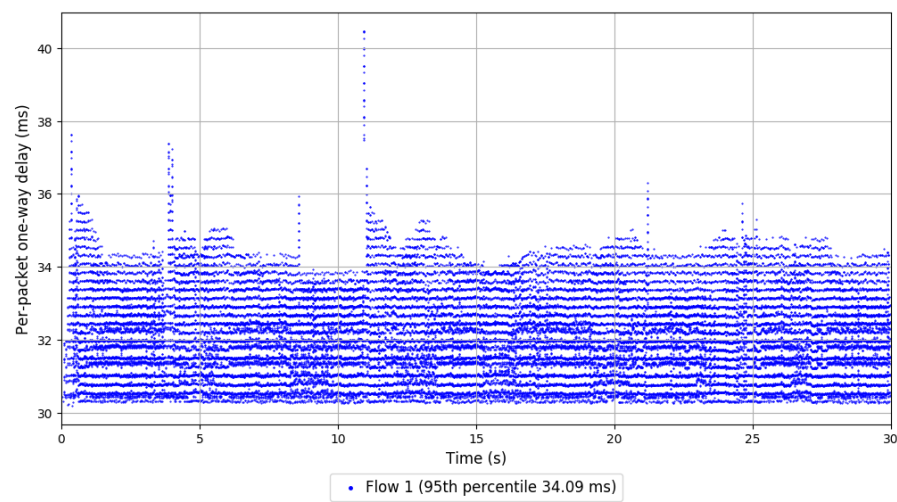
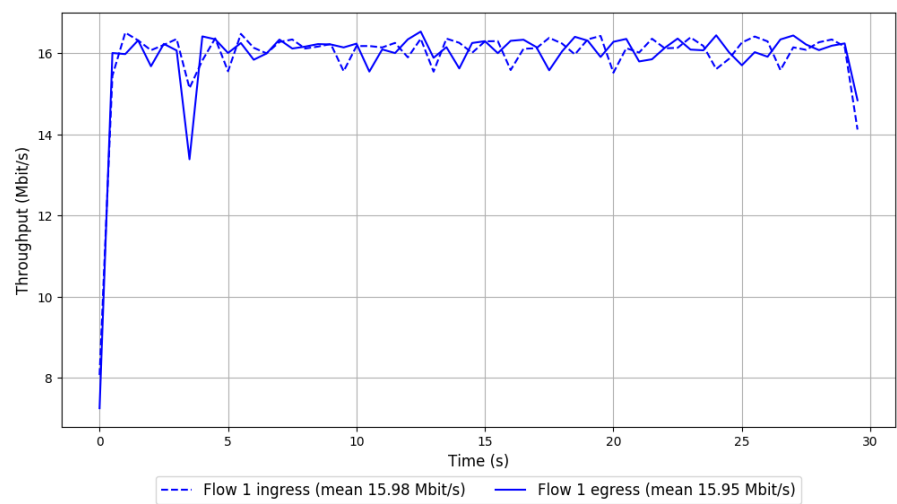
Run 3: Statistics of Sprout

Start at: 2017-10-10 21:25:07  
End at: 2017-10-10 21:25:37  
Local clock offset: 1.517 ms  
Remote clock offset: -0.071 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.95 Mbit/s  
95th percentile per-packet one-way delay: 34.094 ms  
Loss rate: 0.18%  
-- Flow 1:  
Average throughput: 15.95 Mbit/s  
95th percentile per-packet one-way delay: 34.094 ms  
Loss rate: 0.18%



Run 3: Report of Sprout — Data Link

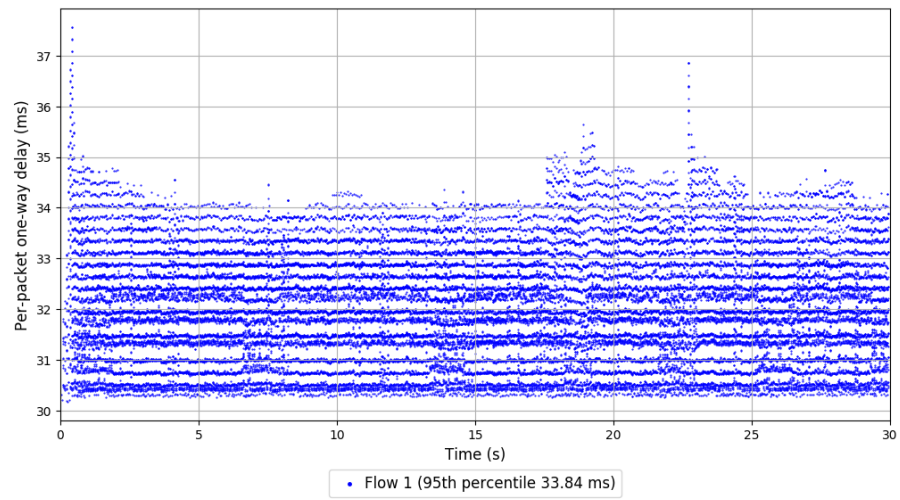
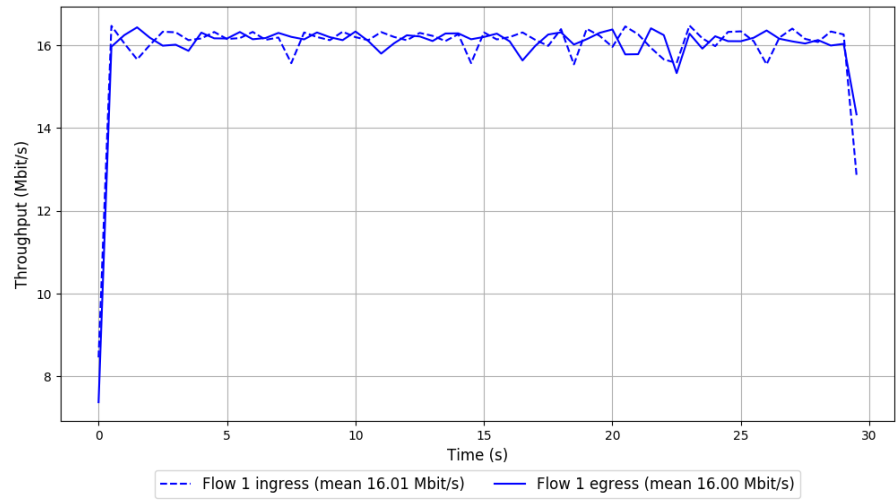


Run 4: Statistics of Sprout

Start at: 2017-10-10 21:43:45  
End at: 2017-10-10 21:44:15  
Local clock offset: 1.605 ms  
Remote clock offset: -0.028 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 16.00 Mbit/s  
95th percentile per-packet one-way delay: 33.844 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 16.00 Mbit/s  
95th percentile per-packet one-way delay: 33.844 ms  
Loss rate: 0.02%

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

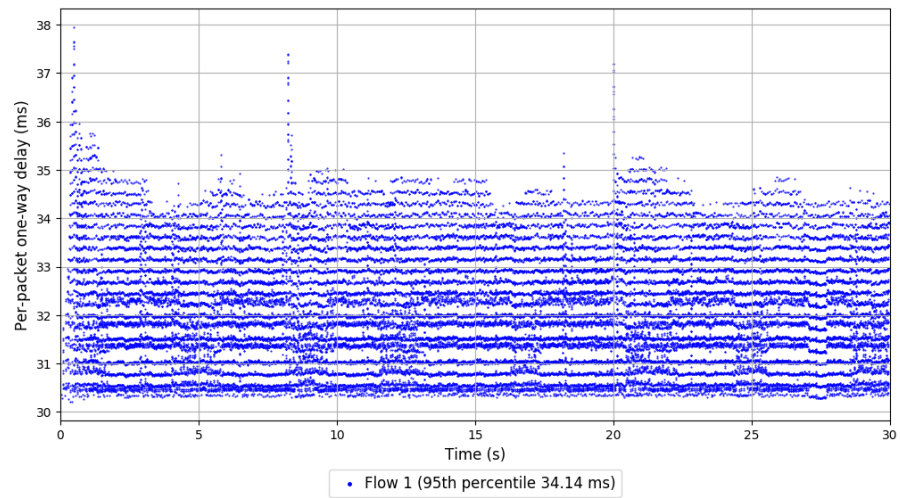
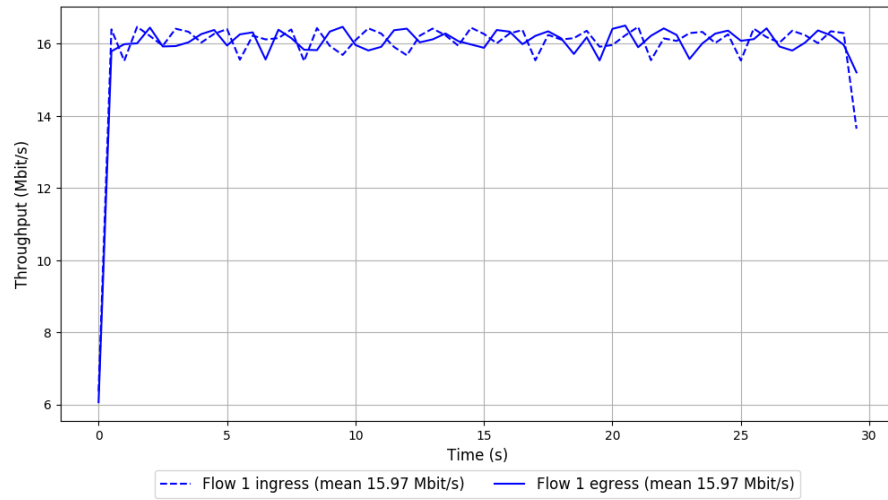


Run 5: Statistics of Sprout

Start at: 2017-10-10 22:02:23  
End at: 2017-10-10 22:02:53  
Local clock offset: 1.726 ms  
Remote clock offset: -0.756 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.97 Mbit/s  
95th percentile per-packet one-way delay: 34.137 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 15.97 Mbit/s  
95th percentile per-packet one-way delay: 34.137 ms  
Loss rate: 0.00%

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

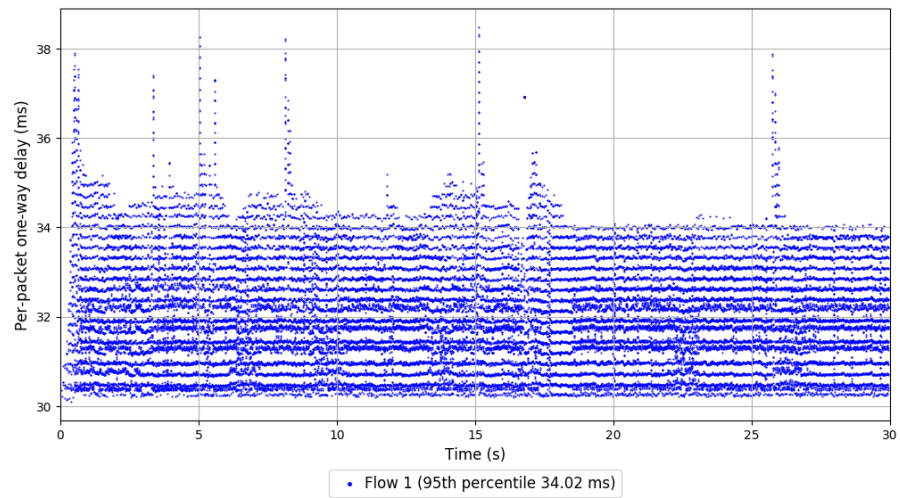
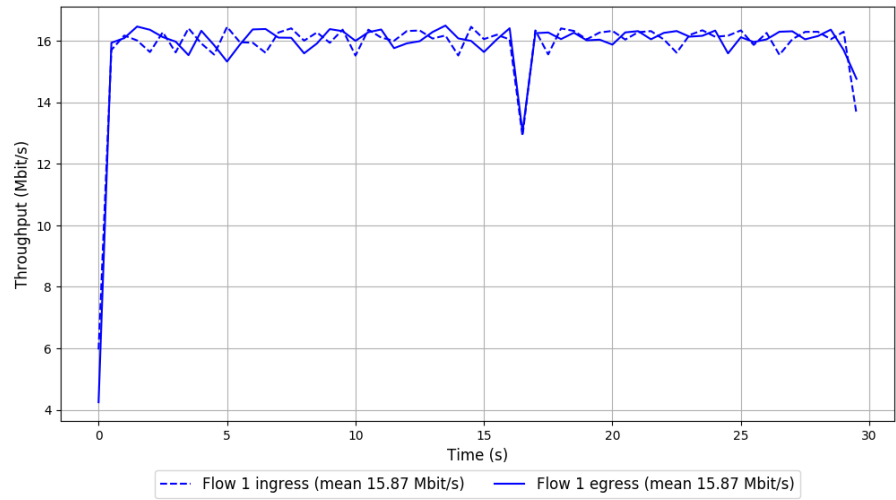


Run 6: Statistics of Sprout

Start at: 2017-10-10 22:20:57  
End at: 2017-10-10 22:21:27  
Local clock offset: 1.843 ms  
Remote clock offset: -1.293 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.87 Mbit/s  
95th percentile per-packet one-way delay: 34.023 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 15.87 Mbit/s  
95th percentile per-packet one-way delay: 34.023 ms  
Loss rate: 0.00%

# Run 6: Report of Sprout — Data Link



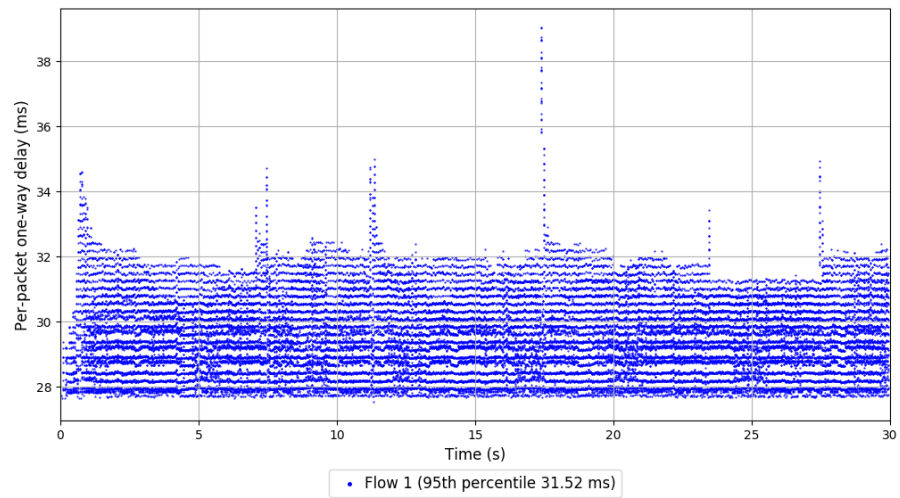
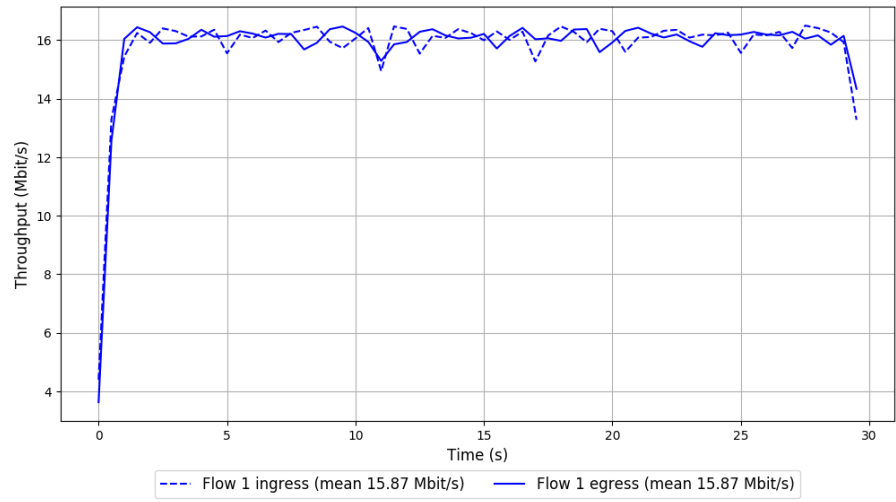
Run 7: Statistics of Sprout

Start at: 2017-10-10 22:39:40  
End at: 2017-10-10 22:40:10  
Local clock offset: 1.906 ms  
Remote clock offset: -4.055 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.87 Mbit/s  
95th percentile per-packet one-way delay: 31.515 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 15.87 Mbit/s  
95th percentile per-packet one-way delay: 31.515 ms  
Loss rate: 0.00%



## Run 7: Report of Sprout — Data Link

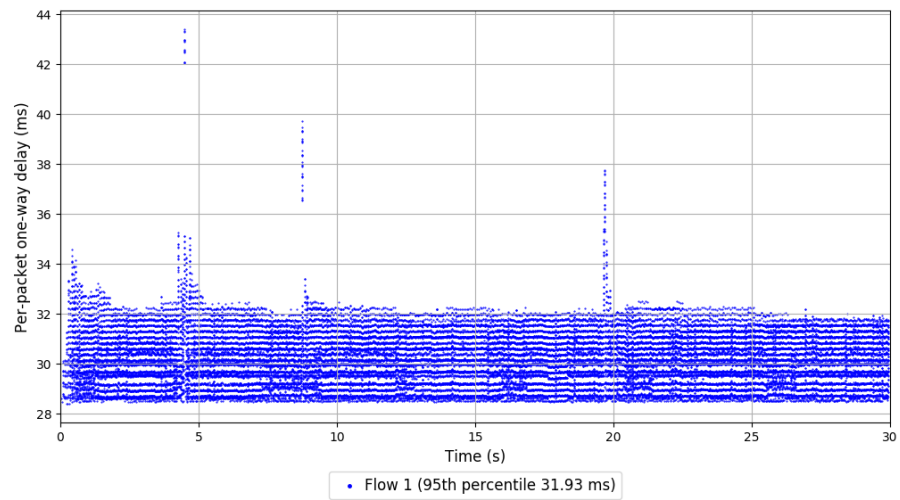
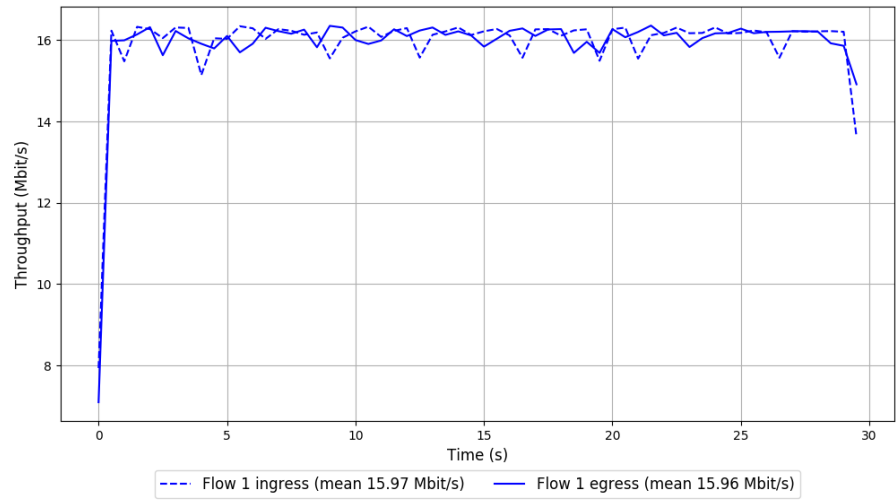


Run 8: Statistics of Sprout

Start at: 2017-10-10 22:58:15  
End at: 2017-10-10 22:58:45  
Local clock offset: 2.322 ms  
Remote clock offset: -4.025 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.96 Mbit/s  
95th percentile per-packet one-way delay: 31.934 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 15.96 Mbit/s  
95th percentile per-packet one-way delay: 31.934 ms  
Loss rate: 0.04%

## Run 8: Report of Sprout — Data Link

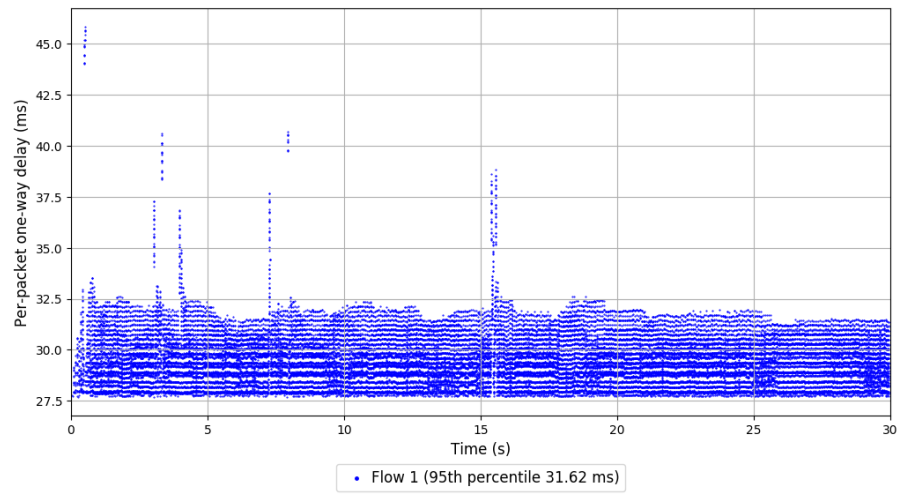
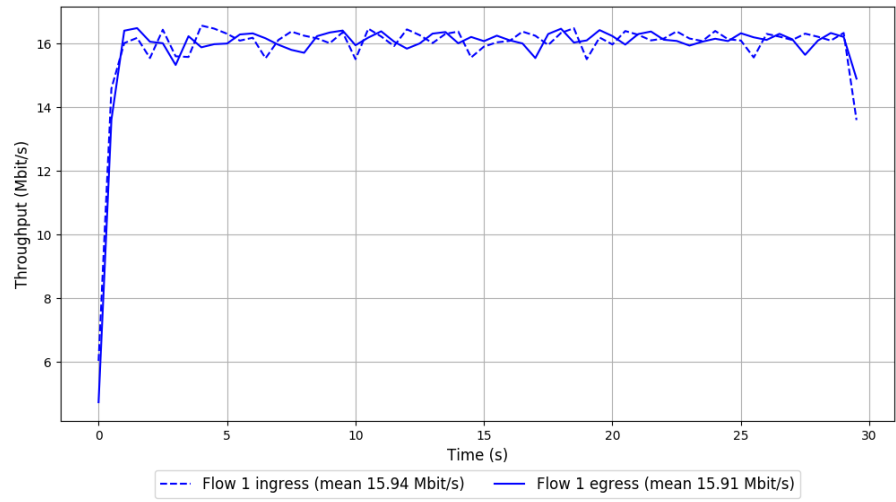


Run 9: Statistics of Sprout

Start at: 2017-10-10 23:16:46  
End at: 2017-10-10 23:17:16  
Local clock offset: 2.476 ms  
Remote clock offset: -4.162 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.91 Mbit/s  
95th percentile per-packet one-way delay: 31.617 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 15.91 Mbit/s  
95th percentile per-packet one-way delay: 31.617 ms  
Loss rate: 0.14%

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

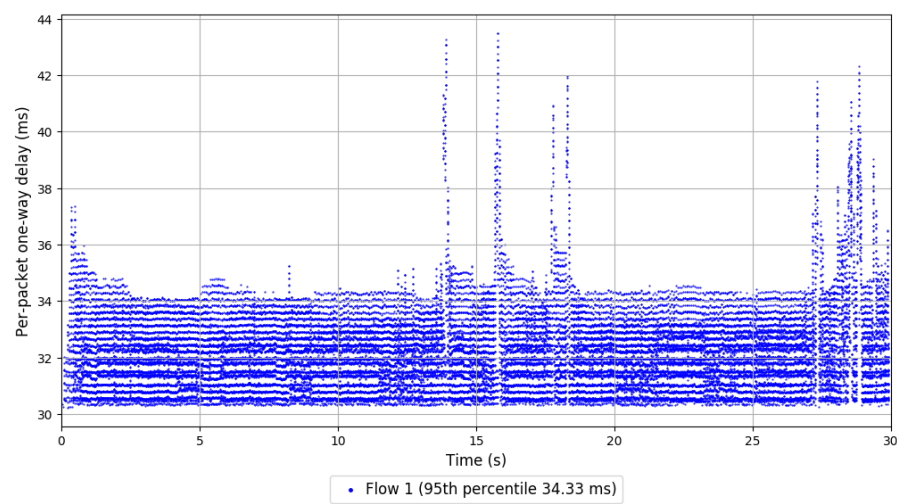
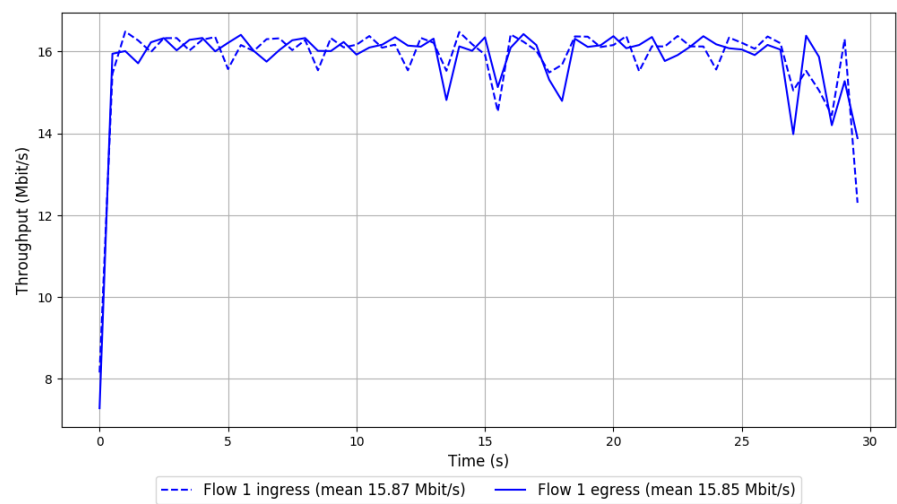


Run 10: Statistics of Sprout

Start at: 2017-10-10 23:35:16  
End at: 2017-10-10 23:35:46  
Local clock offset: 2.549 ms  
Remote clock offset: -1.385 ms

# Below is generated by plot.py at 2017-10-11 00:16:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.85 Mbit/s  
95th percentile per-packet one-way delay: 34.326 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 15.85 Mbit/s  
95th percentile per-packet one-way delay: 34.326 ms  
Loss rate: 0.15%

Run 10: Report of Sprout — Data Link



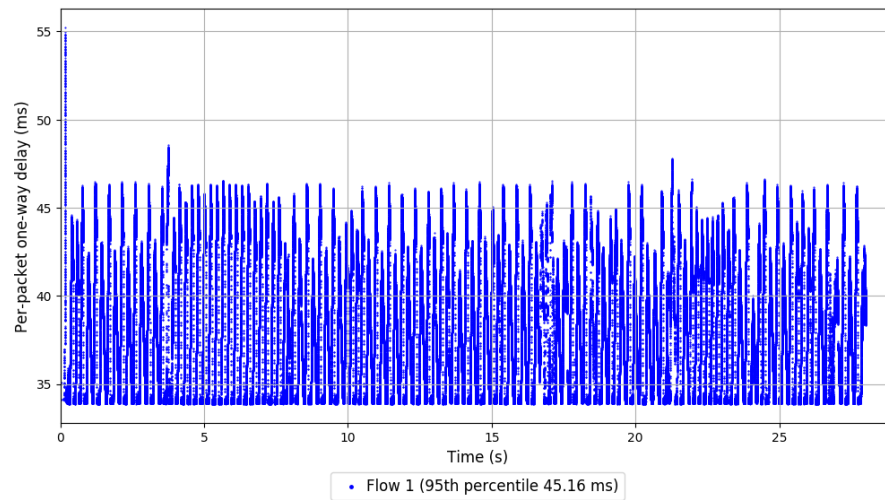
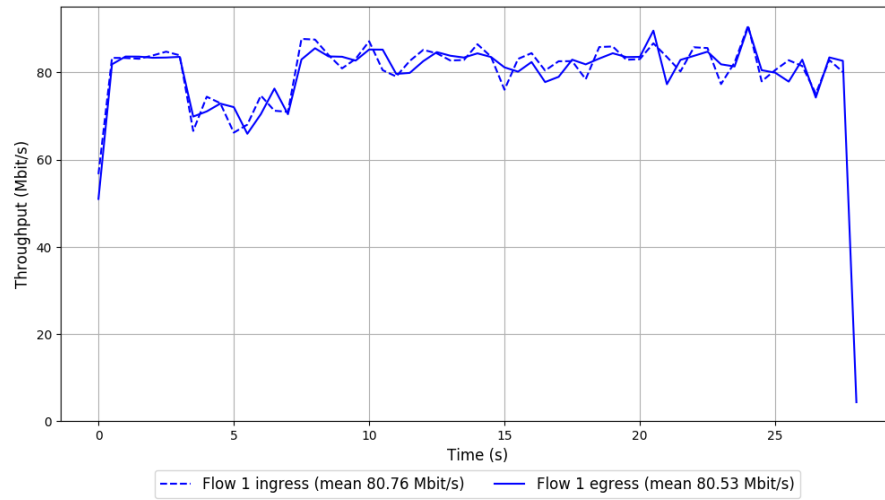
```
Run 1: Statistics of TaoVA-100x

Start at: 2017-10-10 20:58:24
End at: 2017-10-10 20:58:54
Local clock offset: 2.282 ms
Remote clock offset: 3.769 ms

# Below is generated by plot.py at 2017-10-11 00:18:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.53 Mbit/s
95th percentile per-packet one-way delay: 45.159 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 80.53 Mbit/s
95th percentile per-packet one-way delay: 45.159 ms
Loss rate: 0.27%
```



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



Run 2: Statistics of TaoVA-100x

Start at: 2017-10-10 21:17:04

End at: 2017-10-10 21:17:34

Local clock offset: 1.862 ms

Remote clock offset: -0.025 ms

# Below is generated by plot.py at 2017-10-11 00:18:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.60 Mbit/s

95th percentile per-packet one-way delay: 42.908 ms

Loss rate: 0.04%

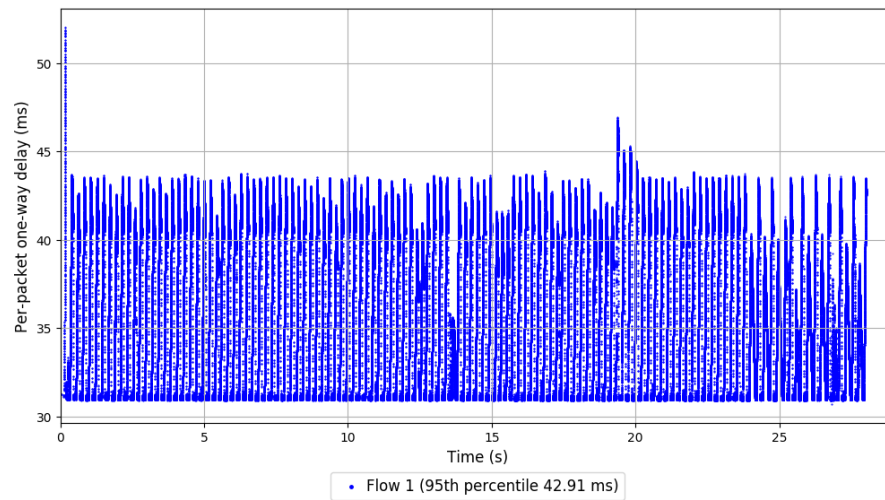
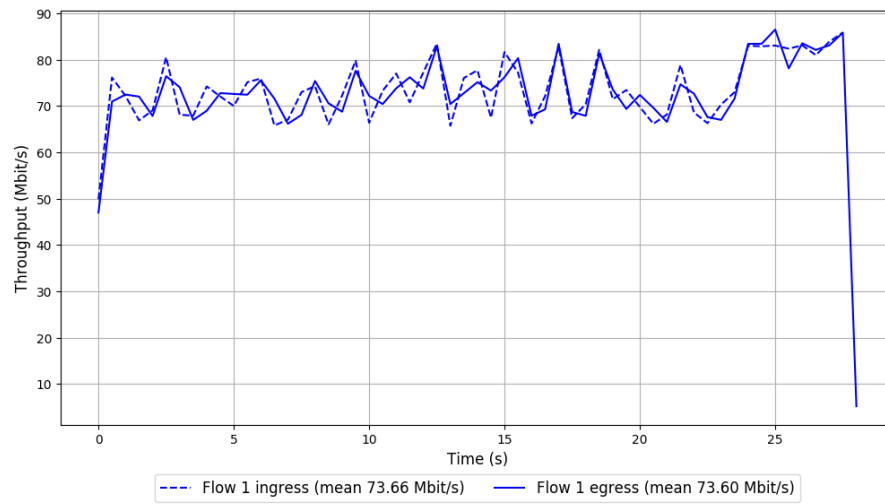
-- Flow 1:

Average throughput: 73.60 Mbit/s

95th percentile per-packet one-way delay: 42.908 ms

Loss rate: 0.04%

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

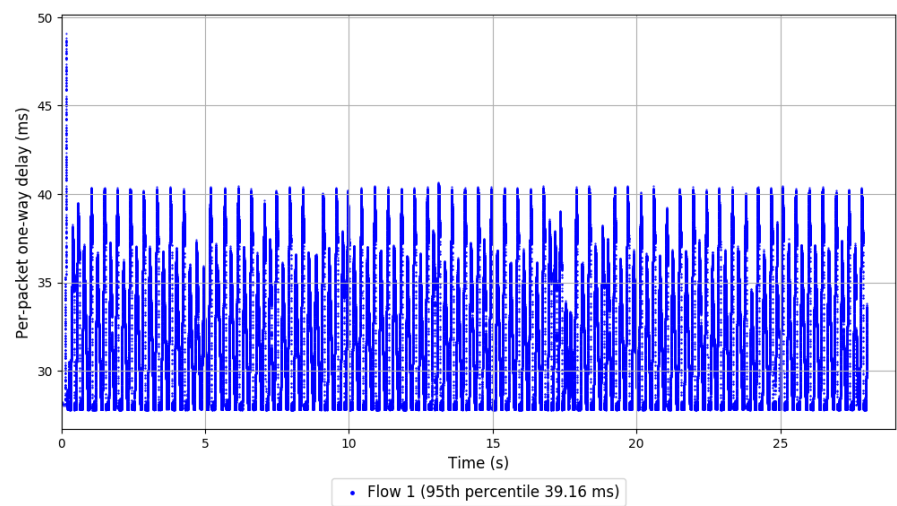
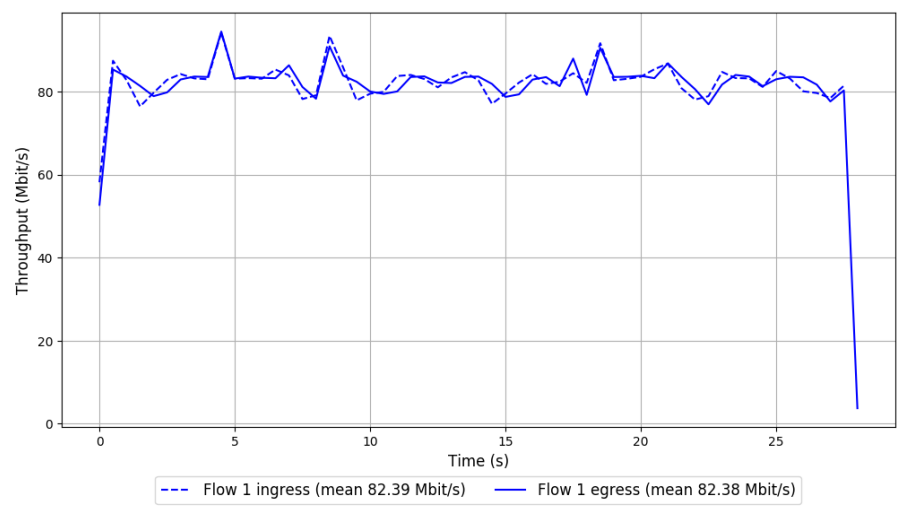


Run 3: Statistics of TaoVA-100x

Start at: 2017-10-10 21:35:41  
End at: 2017-10-10 21:36:11  
Local clock offset: 1.596 ms  
Remote clock offset: -2.448 ms

# Below is generated by plot.py at 2017-10-11 00:18:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 82.38 Mbit/s  
95th percentile per-packet one-way delay: 39.158 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 82.38 Mbit/s  
95th percentile per-packet one-way delay: 39.158 ms  
Loss rate: 0.00%

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

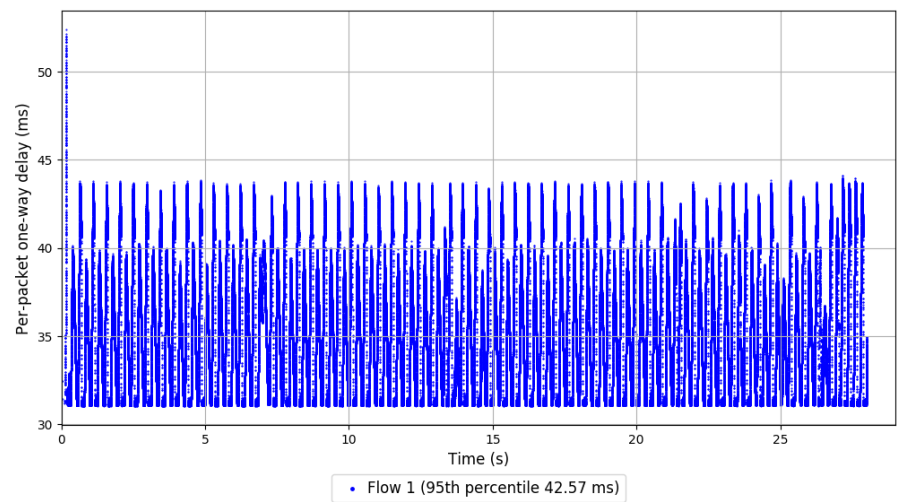
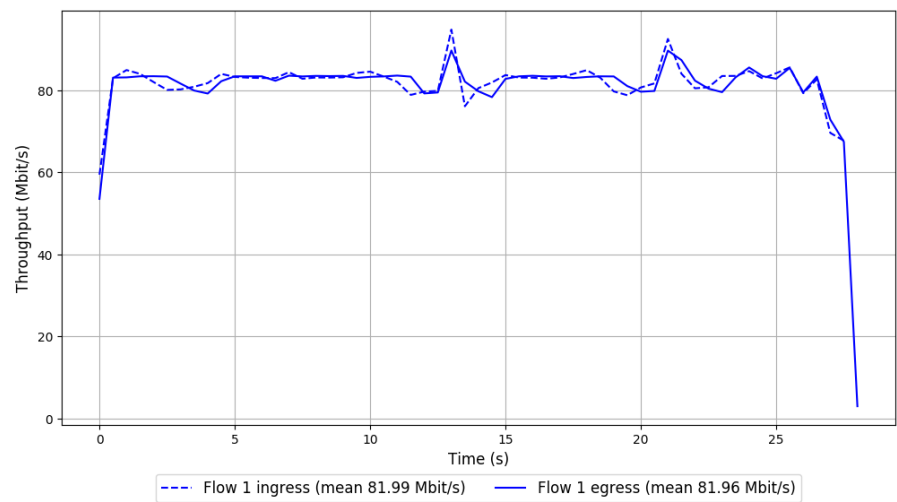


Run 4: Statistics of TaoVA-100x

Start at: 2017-10-10 21:54:18  
End at: 2017-10-10 21:54:48  
Local clock offset: 1.643 ms  
Remote clock offset: -0.416 ms

# Below is generated by plot.py at 2017-10-11 00:18:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.96 Mbit/s  
95th percentile per-packet one-way delay: 42.571 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 81.96 Mbit/s  
95th percentile per-packet one-way delay: 42.571 ms  
Loss rate: 0.02%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-10-10 22:12:55

End at: 2017-10-10 22:13:25

Local clock offset: 1.848 ms

Remote clock offset: -0.991 ms

# Below is generated by plot.py at 2017-10-11 00:18:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.62 Mbit/s

95th percentile per-packet one-way delay: 42.868 ms

Loss rate: 0.09%

-- Flow 1:

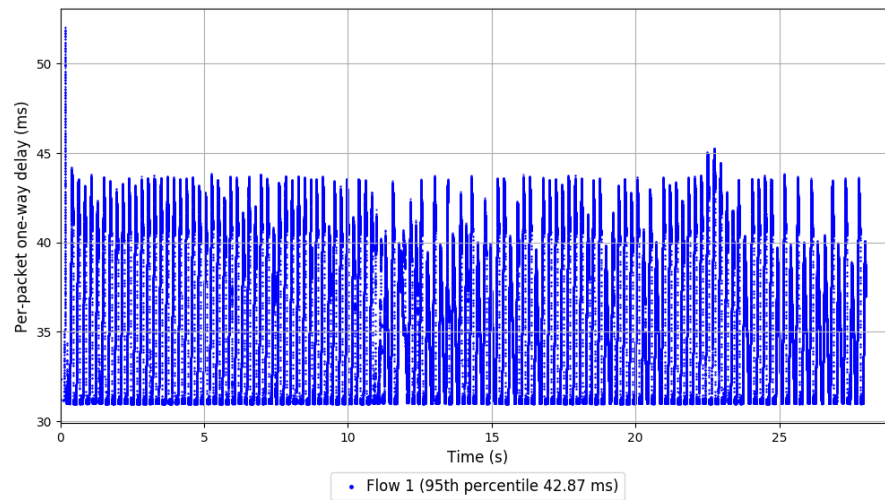
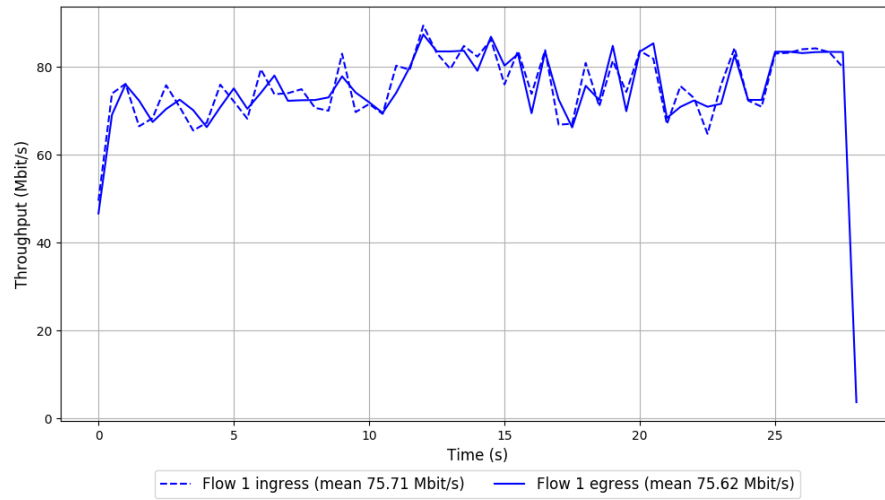
Average throughput: 75.62 Mbit/s

95th percentile per-packet one-way delay: 42.868 ms

Loss rate: 0.09%



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

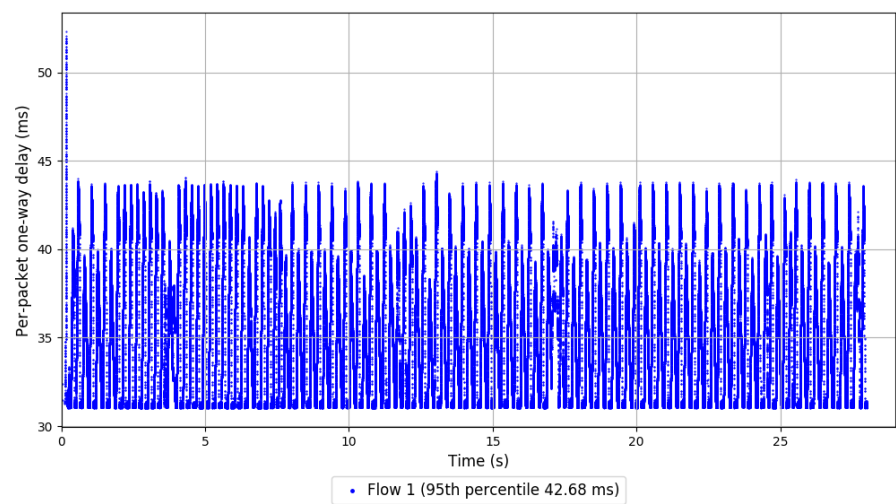
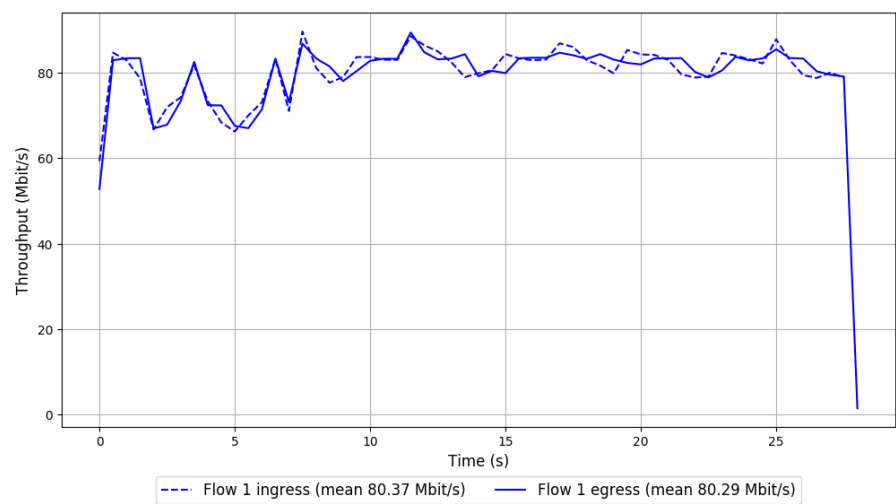


Run 6: Statistics of TaoVA-100x

Start at: 2017-10-10 22:31:31  
End at: 2017-10-10 22:32:01  
Local clock offset: 1.795 ms  
Remote clock offset: -1.387 ms

# Below is generated by plot.py at 2017-10-11 00:18:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 80.29 Mbit/s  
95th percentile per-packet one-way delay: 42.680 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 80.29 Mbit/s  
95th percentile per-packet one-way delay: 42.680 ms  
Loss rate: 0.11%

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

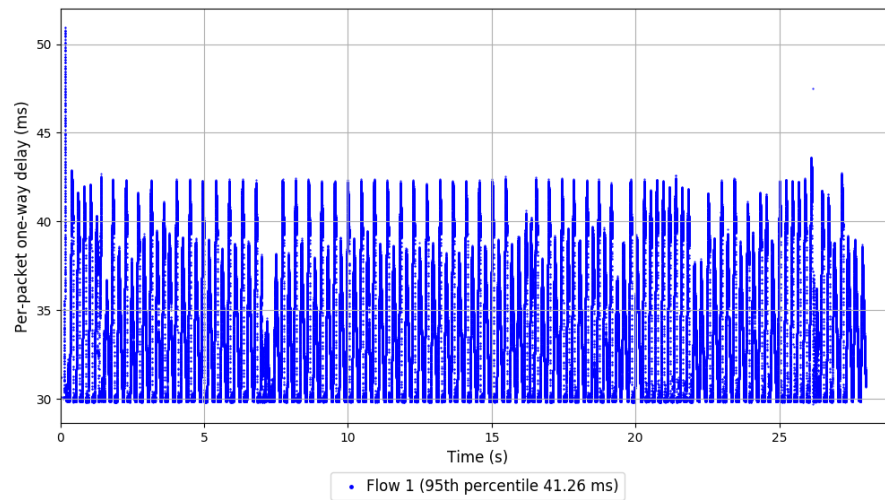
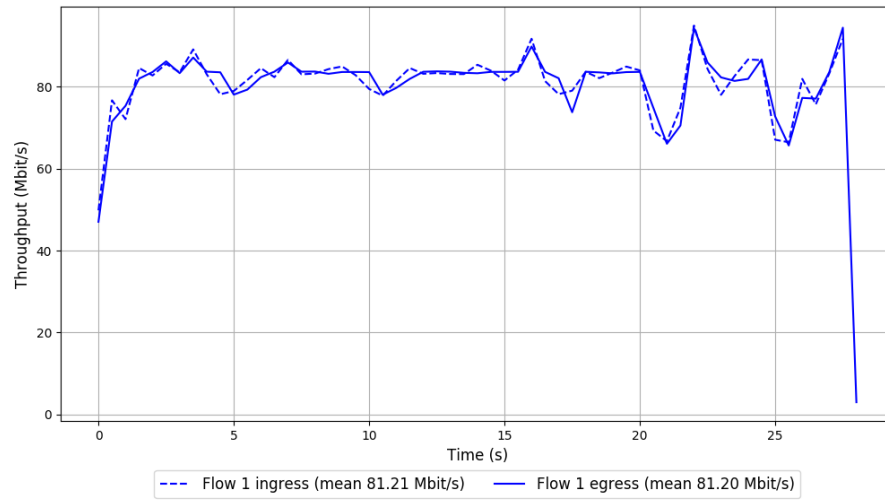


Run 7: Statistics of TaoVA-100x

Start at: 2017-10-10 22:50:13  
End at: 2017-10-10 22:50:43  
Local clock offset: 2.102 ms  
Remote clock offset: -1.906 ms

# Below is generated by plot.py at 2017-10-11 00:18:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.20 Mbit/s  
95th percentile per-packet one-way delay: 41.262 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 81.20 Mbit/s  
95th percentile per-packet one-way delay: 41.262 ms  
Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-10-10 23:08:46

End at: 2017-10-10 23:09:16

Local clock offset: 2.322 ms

Remote clock offset: -1.549 ms

# Below is generated by plot.py at 2017-10-11 00:18:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.11 Mbit/s

95th percentile per-packet one-way delay: 42.797 ms

Loss rate: 0.08%

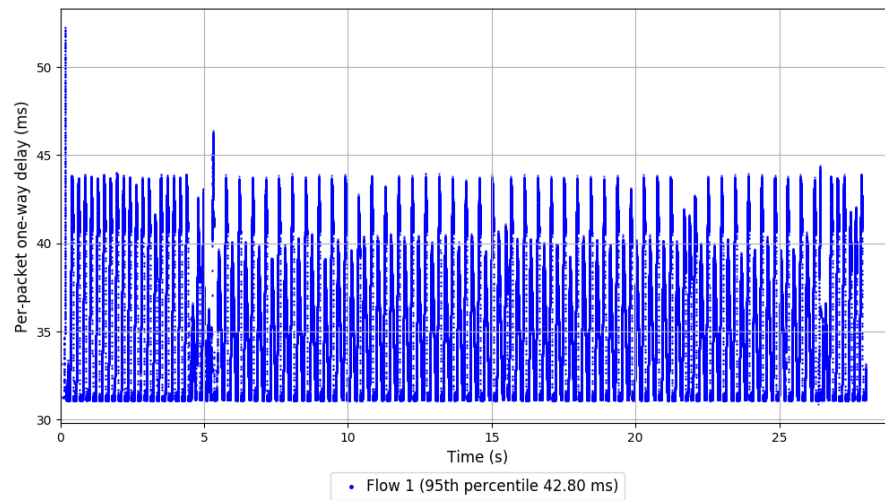
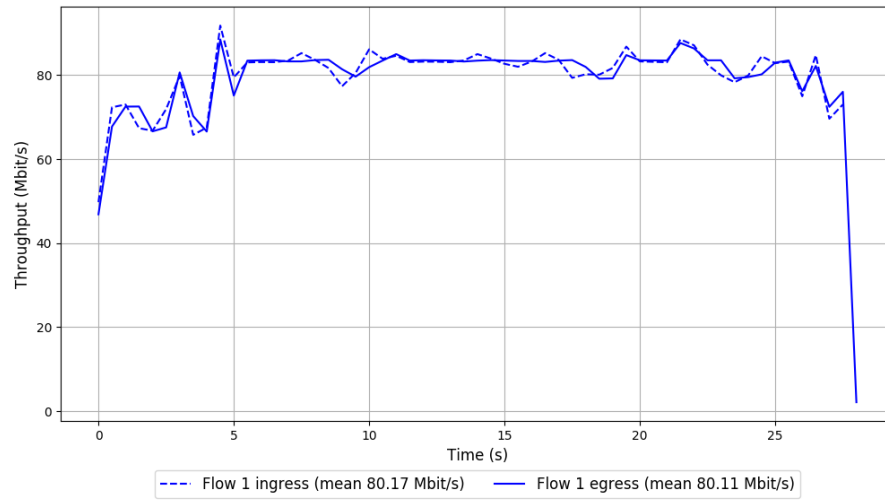
-- Flow 1:

Average throughput: 80.11 Mbit/s

95th percentile per-packet one-way delay: 42.797 ms

Loss rate: 0.08%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-10-10 23:27:15

End at: 2017-10-10 23:27:45

Local clock offset: 2.568 ms

Remote clock offset: -4.088 ms

# Below is generated by plot.py at 2017-10-11 00:20:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.77 Mbit/s

95th percentile per-packet one-way delay: 39.648 ms

Loss rate: 0.00%

-- Flow 1:

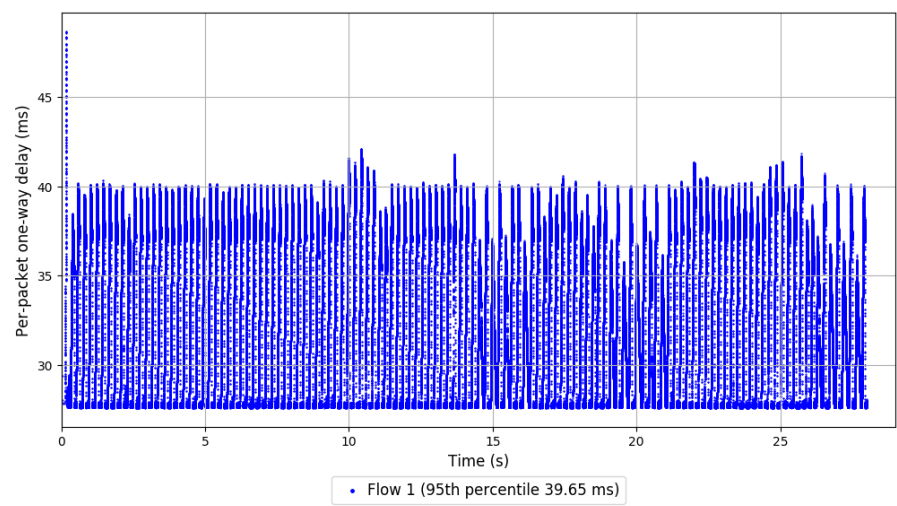
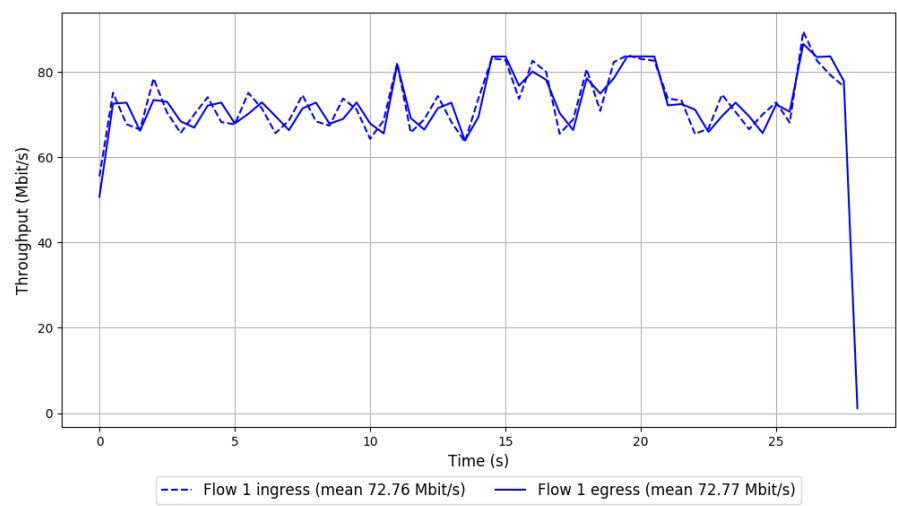
Average throughput: 72.77 Mbit/s

95th percentile per-packet one-way delay: 39.648 ms

Loss rate: 0.00%



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



Run 10: Statistics of TaoVA-100x

Start at: 2017-10-10 23:45:44

End at: 2017-10-10 23:46:14

Local clock offset: 2.515 ms

Remote clock offset: -4.01 ms

# Below is generated by plot.py at 2017-10-11 00:20:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.65 Mbit/s

95th percentile per-packet one-way delay: 40.177 ms

Loss rate: 0.04%

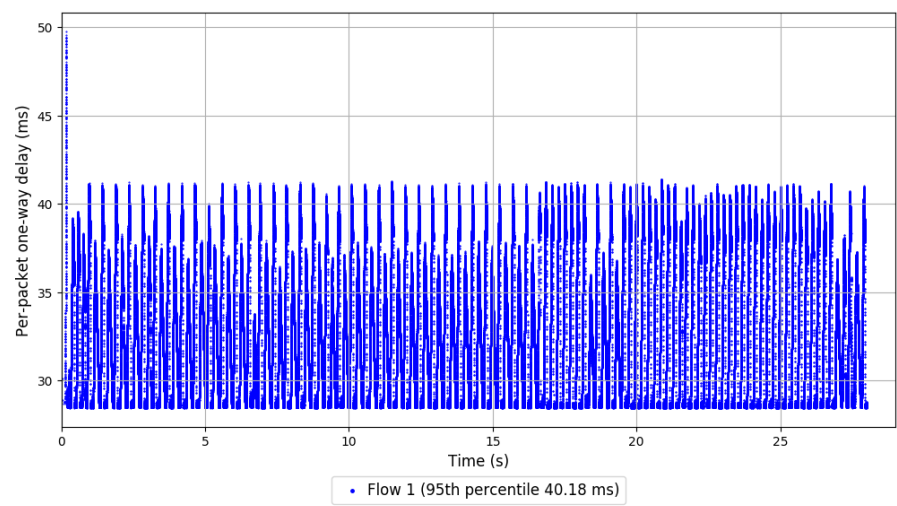
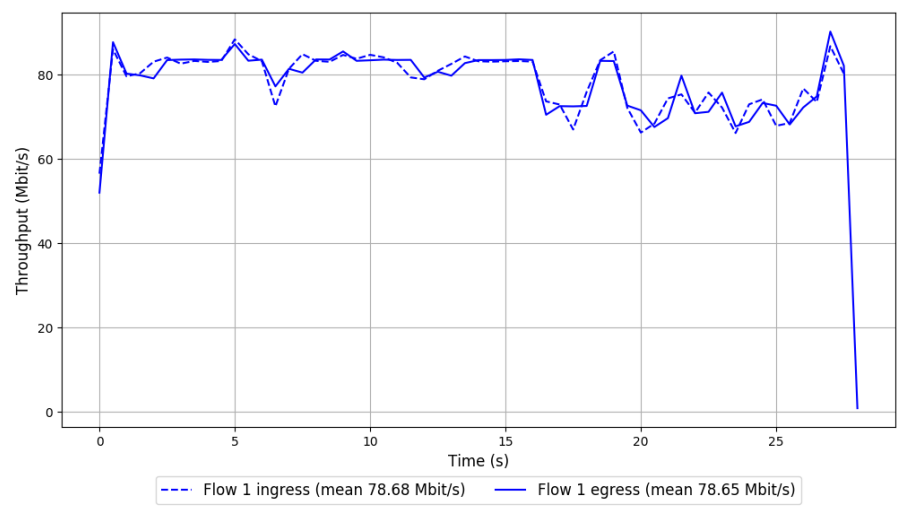
-- Flow 1:

Average throughput: 78.65 Mbit/s

95th percentile per-packet one-way delay: 40.177 ms

Loss rate: 0.04%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-10-10 20:54:24

End at: 2017-10-10 20:54:54

Local clock offset: 2.502 ms

Remote clock offset: 3.861 ms

# Below is generated by plot.py at 2017-10-11 00:20:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 52.67 Mbit/s

95th percentile per-packet one-way delay: 56.136 ms

Loss rate: 0.05%

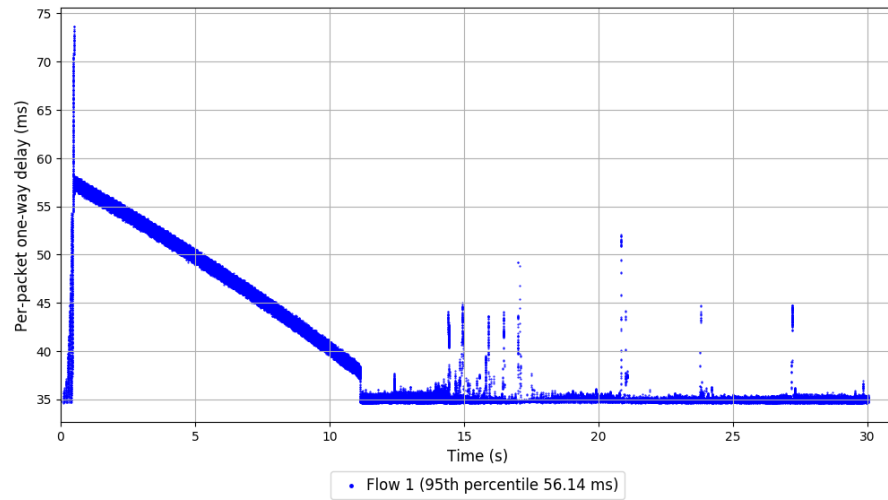
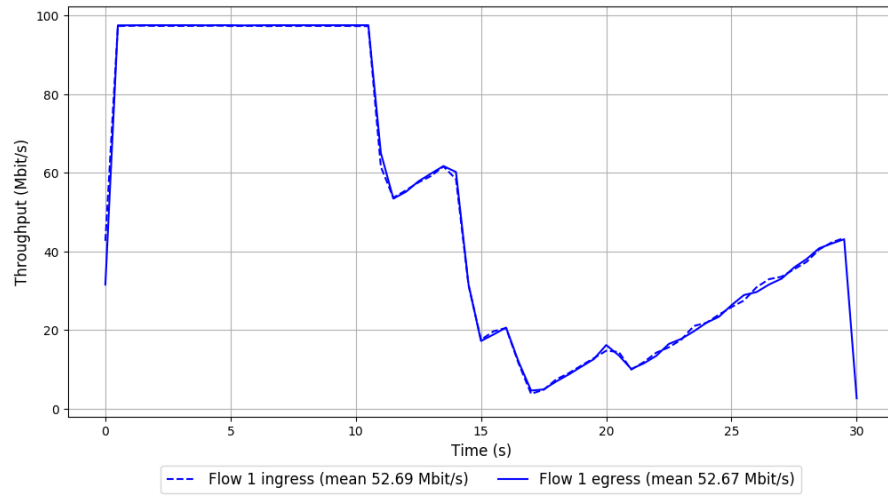
-- Flow 1:

Average throughput: 52.67 Mbit/s

95th percentile per-packet one-way delay: 56.136 ms

Loss rate: 0.05%

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

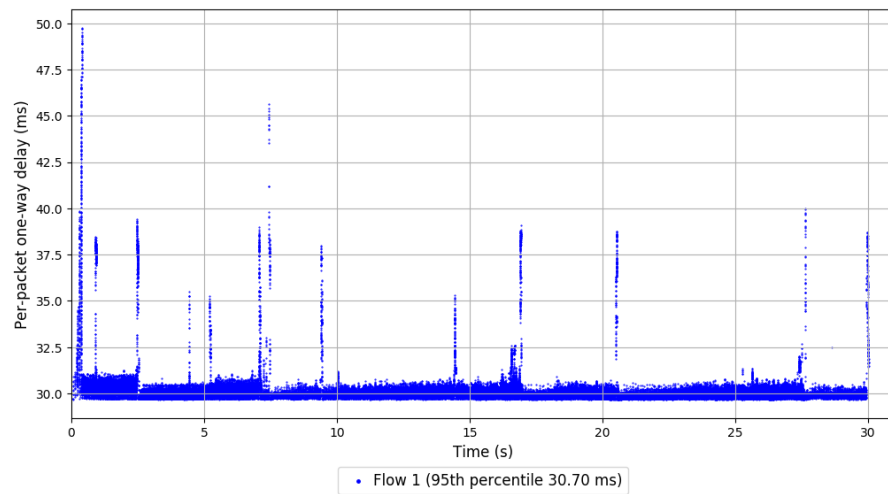
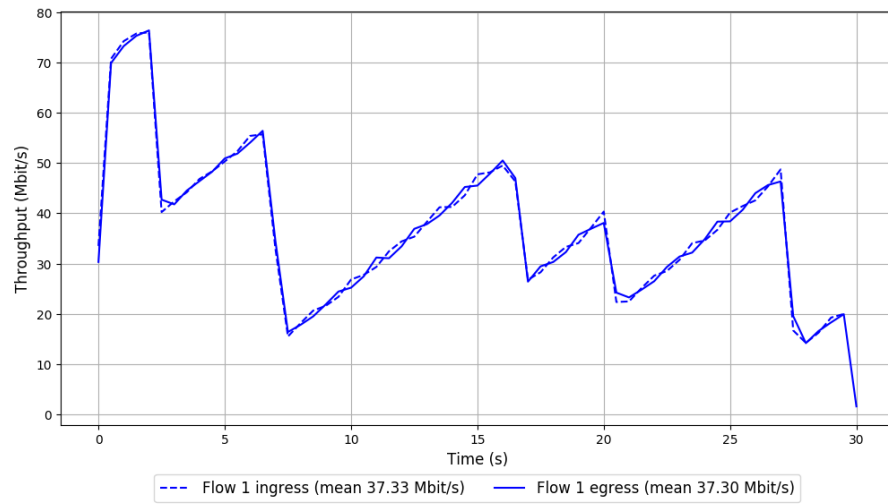


Run 2: Statistics of TCP Vegas

Start at: 2017-10-10 21:12:58  
End at: 2017-10-10 21:13:28  
Local clock offset: 2.103 ms  
Remote clock offset: -0.558 ms

# Below is generated by plot.py at 2017-10-11 00:20:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 37.30 Mbit/s  
95th percentile per-packet one-way delay: 30.699 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 37.30 Mbit/s  
95th percentile per-packet one-way delay: 30.699 ms  
Loss rate: 0.07%

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



Run 3: Statistics of TCP Vegas

Start at: 2017-10-10 21:31:41

End at: 2017-10-10 21:32:11

Local clock offset: 1.542 ms

Remote clock offset: 0.094 ms

# Below is generated by plot.py at 2017-10-11 00:20:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.05 Mbit/s

95th percentile per-packet one-way delay: 31.888 ms

Loss rate: 0.04%

-- Flow 1:

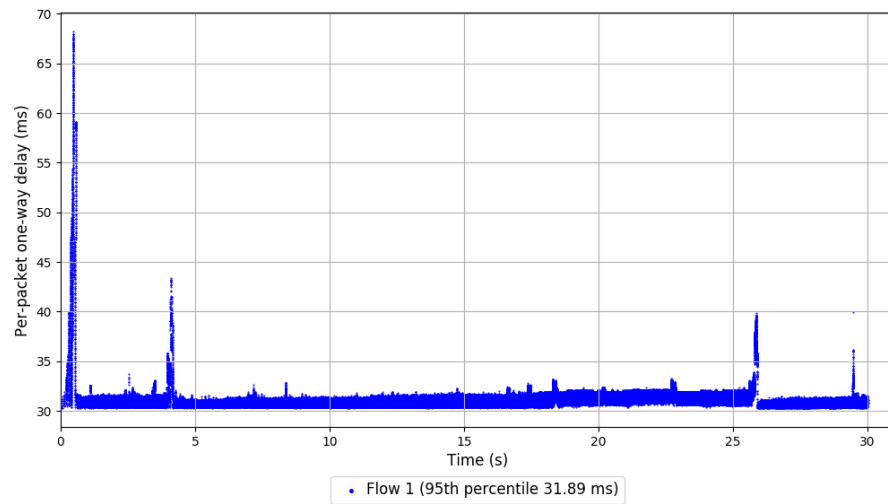
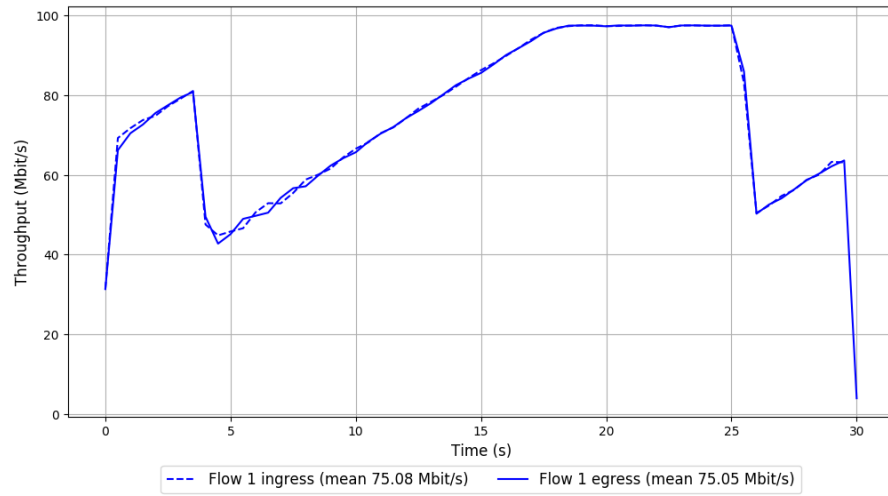
Average throughput: 75.05 Mbit/s

95th percentile per-packet one-way delay: 31.888 ms

Loss rate: 0.04%



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

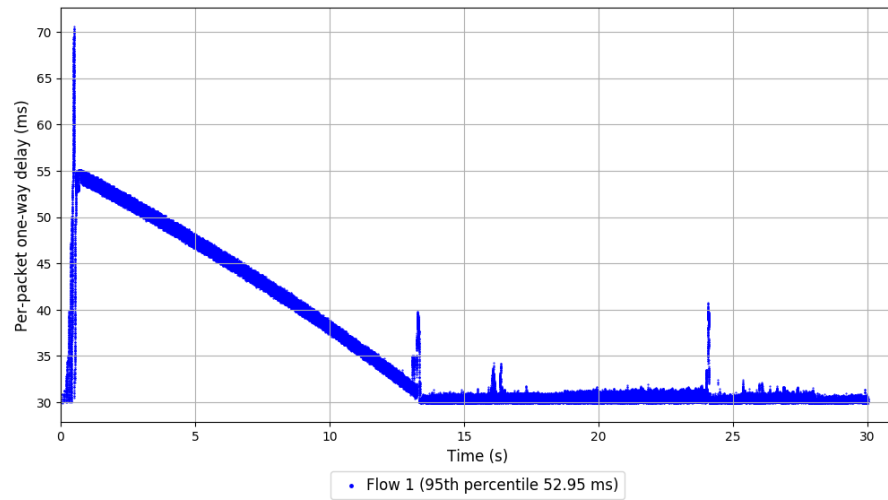
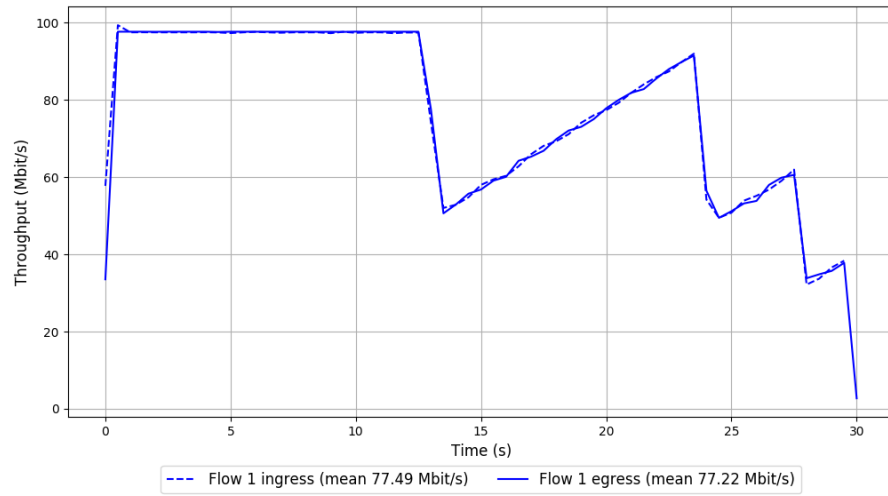


Run 4: Statistics of TCP Vegas

Start at: 2017-10-10 21:50:17  
End at: 2017-10-10 21:50:47  
Local clock offset: 1.634 ms  
Remote clock offset: -0.601 ms

# Below is generated by plot.py at 2017-10-11 00:20:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.22 Mbit/s  
95th percentile per-packet one-way delay: 52.951 ms  
Loss rate: 0.35%  
-- Flow 1:  
Average throughput: 77.22 Mbit/s  
95th percentile per-packet one-way delay: 52.951 ms  
Loss rate: 0.35%

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



Run 5: Statistics of TCP Vegas

Start at: 2017-10-10 22:08:55

End at: 2017-10-10 22:09:25

Local clock offset: 1.861 ms

Remote clock offset: -3.3 ms

# Below is generated by plot.py at 2017-10-11 00:20:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 51.14 Mbit/s

95th percentile per-packet one-way delay: 51.228 ms

Loss rate: 0.54%

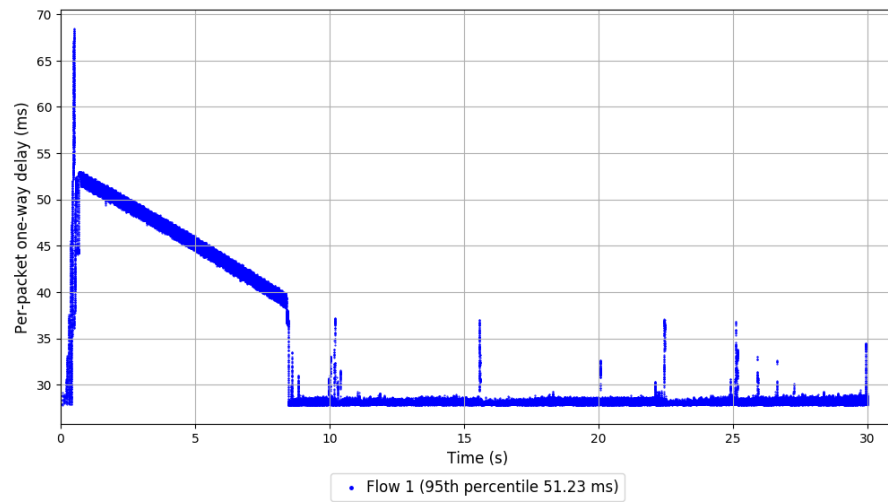
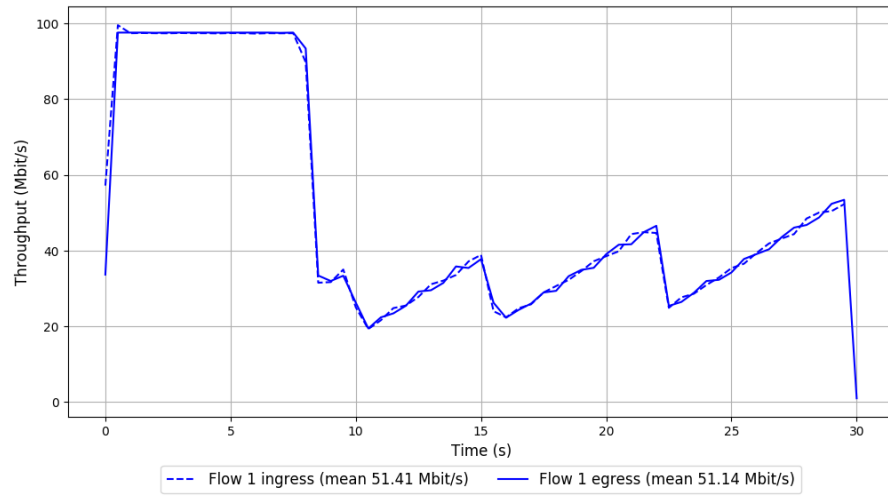
-- Flow 1:

Average throughput: 51.14 Mbit/s

95th percentile per-packet one-way delay: 51.228 ms

Loss rate: 0.54%

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

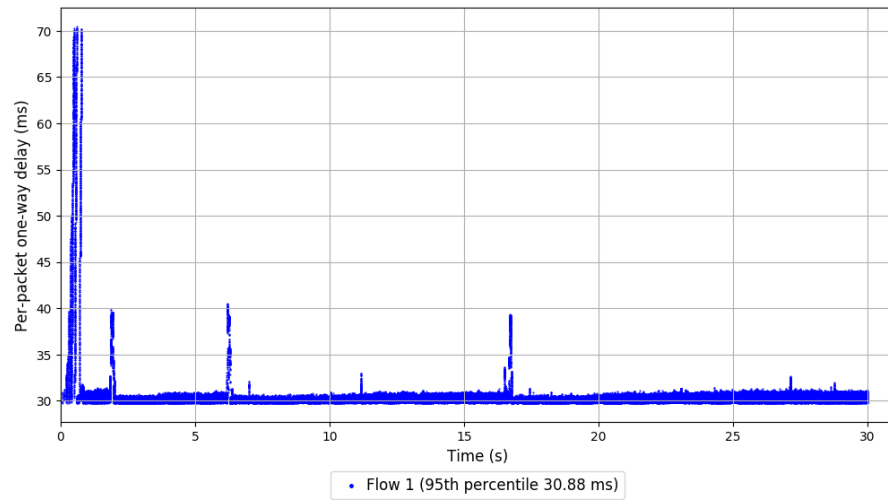
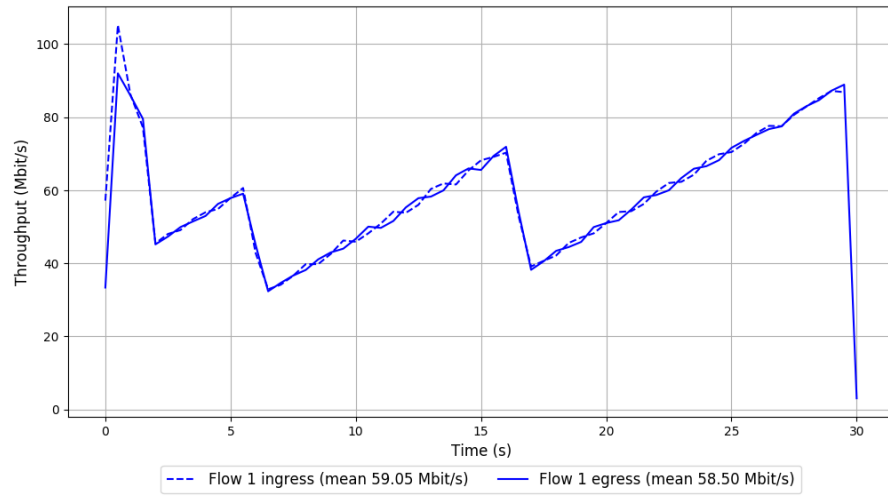


Run 6: Statistics of TCP Vegas

Start at: 2017-10-10 22:27:30  
End at: 2017-10-10 22:28:00  
Local clock offset: 1.786 ms  
Remote clock offset: -1.891 ms

# Below is generated by plot.py at 2017-10-11 00:20:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.50 Mbit/s  
95th percentile per-packet one-way delay: 30.877 ms  
Loss rate: 0.94%  
-- Flow 1:  
Average throughput: 58.50 Mbit/s  
95th percentile per-packet one-way delay: 30.877 ms  
Loss rate: 0.94%

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



Run 7: Statistics of TCP Vegas

Start at: 2017-10-10 22:46:12

End at: 2017-10-10 22:46:43

Local clock offset: 2.029 ms

Remote clock offset: -1.48 ms

# Below is generated by plot.py at 2017-10-11 00:20:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.38 Mbit/s

95th percentile per-packet one-way delay: 31.286 ms

Loss rate: 0.02%

-- Flow 1:

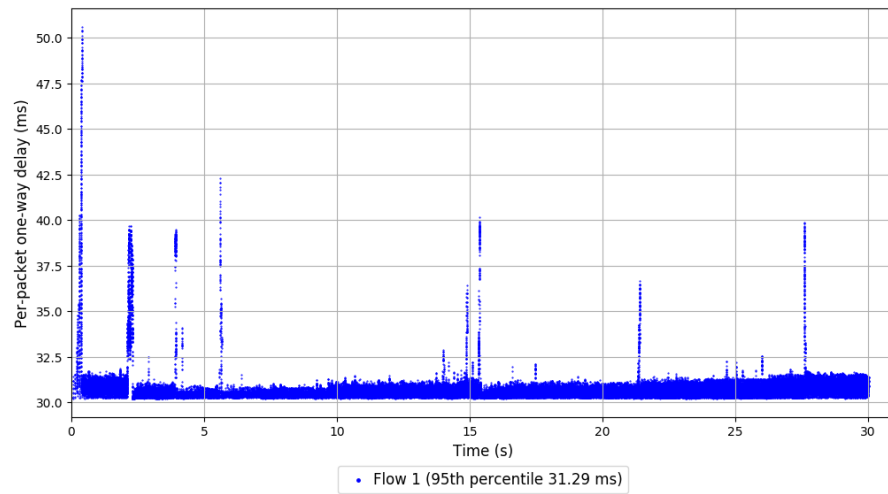
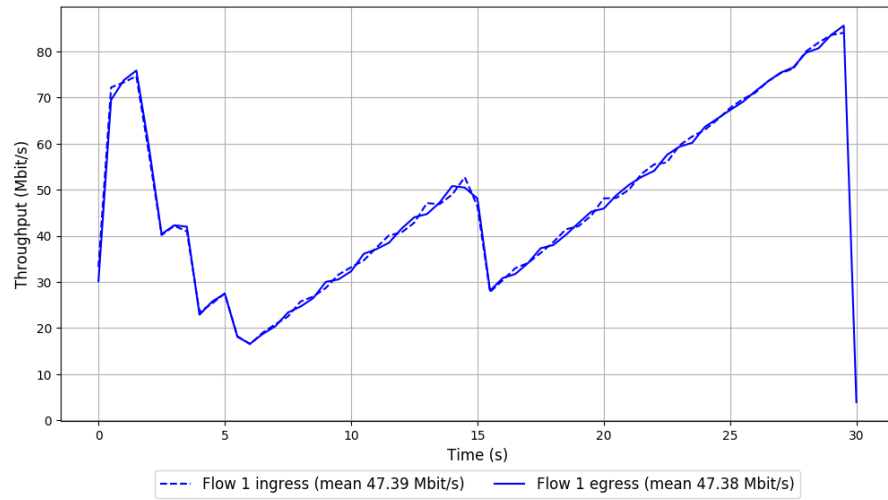
Average throughput: 47.38 Mbit/s

95th percentile per-packet one-way delay: 31.286 ms

Loss rate: 0.02%



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

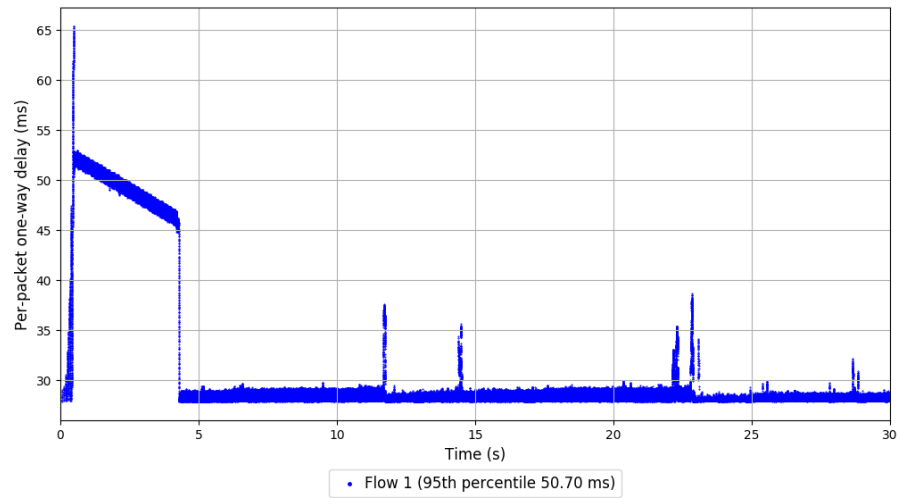
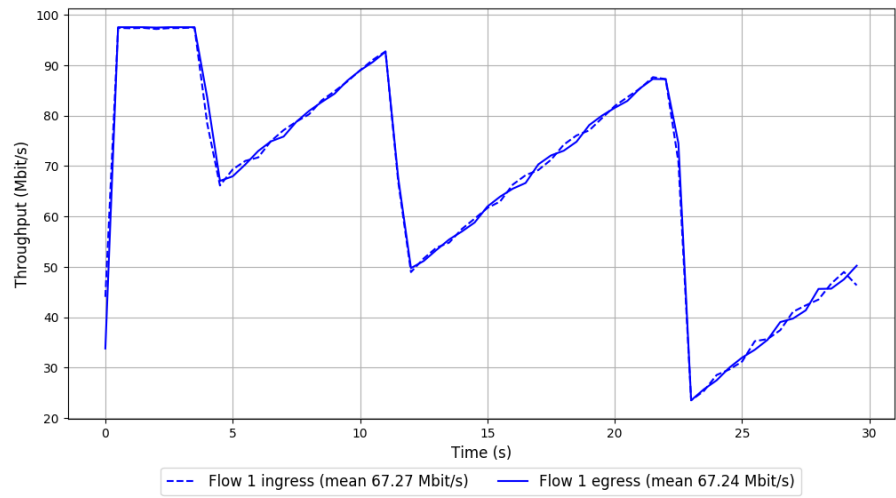


Run 8: Statistics of TCP Vegas

Start at: 2017-10-10 23:04:47  
End at: 2017-10-10 23:05:17  
Local clock offset: 2.299 ms  
Remote clock offset: -4.006 ms

# Below is generated by plot.py at 2017-10-11 00:20:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 67.24 Mbit/s  
95th percentile per-packet one-way delay: 50.697 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 67.24 Mbit/s  
95th percentile per-packet one-way delay: 50.697 ms  
Loss rate: 0.05%

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

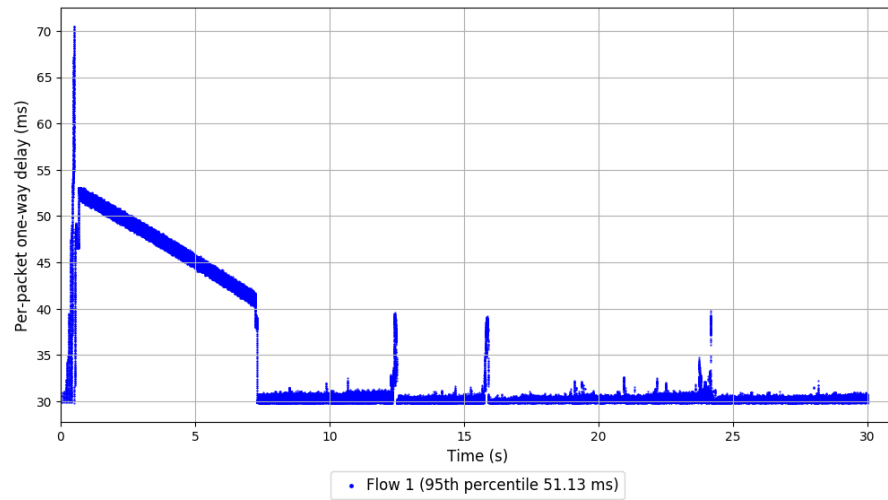
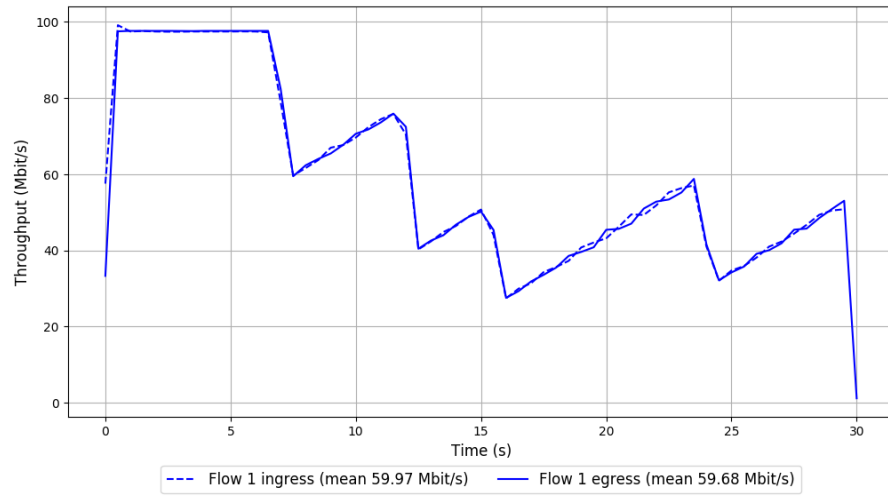


Run 9: Statistics of TCP Vegas

Start at: 2017-10-10 23:23:17  
End at: 2017-10-10 23:23:47  
Local clock offset: 2.46 ms  
Remote clock offset: -2.053 ms

# Below is generated by plot.py at 2017-10-11 00:20:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 59.68 Mbit/s  
95th percentile per-packet one-way delay: 51.126 ms  
Loss rate: 0.49%  
-- Flow 1:  
Average throughput: 59.68 Mbit/s  
95th percentile per-packet one-way delay: 51.126 ms  
Loss rate: 0.49%

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



Run 10: Statistics of TCP Vegas

Start at: 2017-10-10 23:41:45

End at: 2017-10-10 23:42:15

Local clock offset: 2.595 ms

Remote clock offset: -1.866 ms

# Below is generated by plot.py at 2017-10-11 00:20:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.29 Mbit/s

95th percentile per-packet one-way delay: 31.207 ms

Loss rate: 0.09%

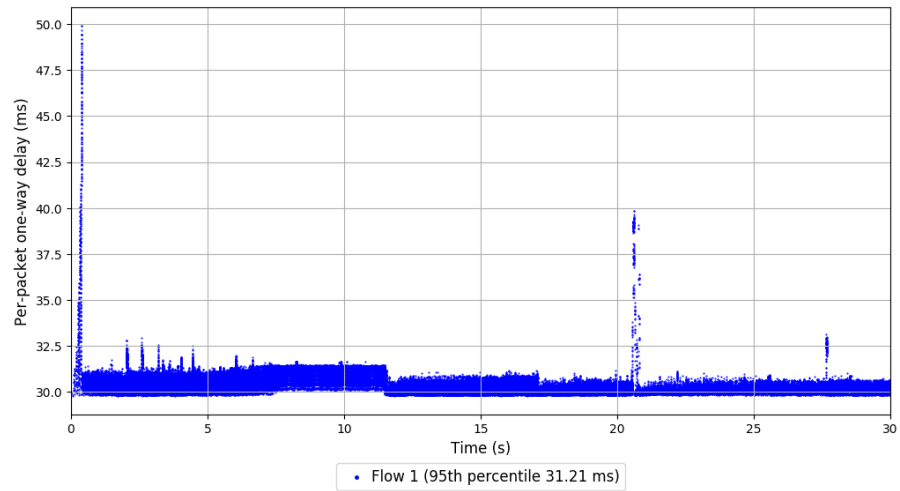
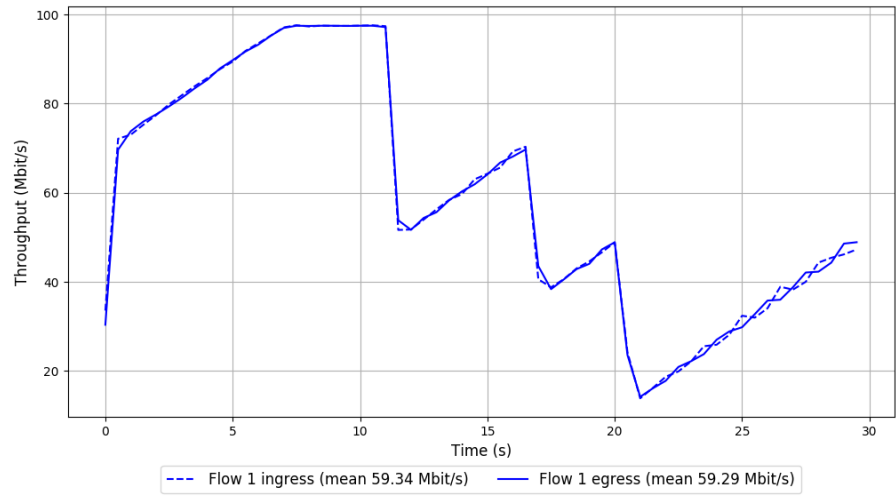
-- Flow 1:

Average throughput: 59.29 Mbit/s

95th percentile per-packet one-way delay: 31.207 ms

Loss rate: 0.09%

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2017-10-10 20:53:04

End at: 2017-10-10 20:53:34

Local clock offset: 2.628 ms

Remote clock offset: 3.791 ms

# Below is generated by plot.py at 2017-10-11 00:20:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.41 Mbit/s

95th percentile per-packet one-way delay: 70.651 ms

Loss rate: 36.15%

-- Flow 1:

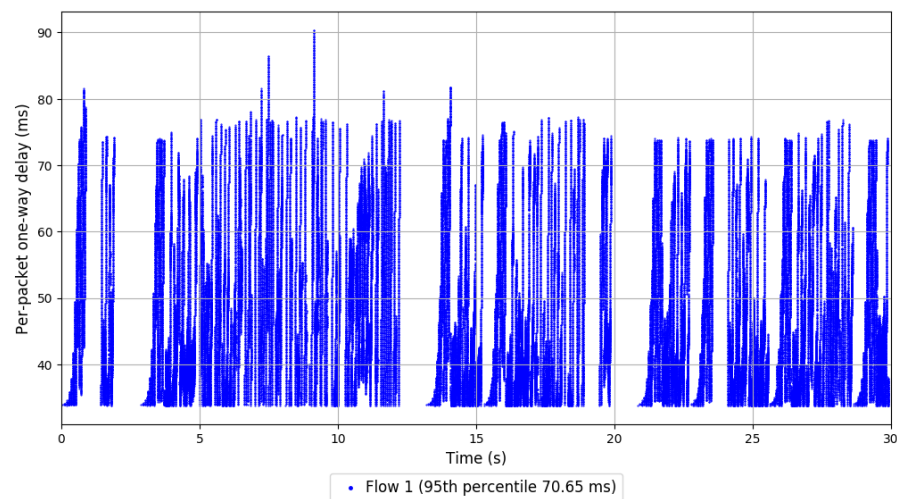
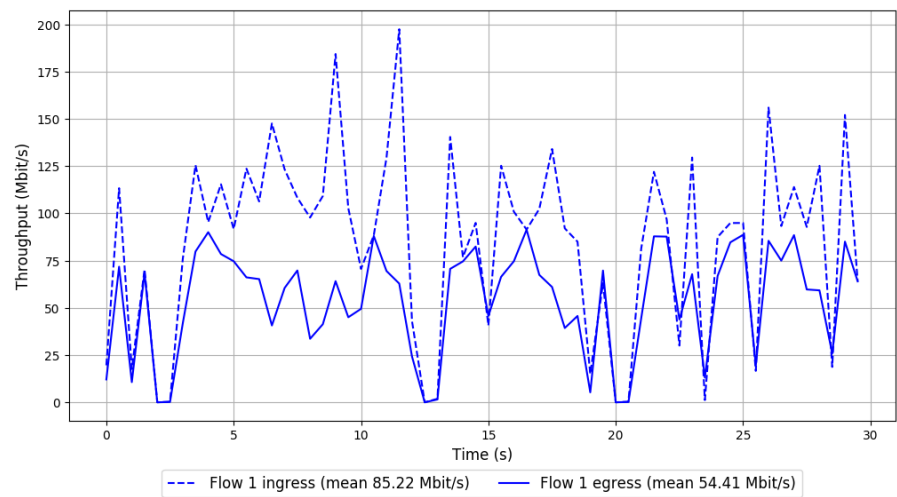
Average throughput: 54.41 Mbit/s

95th percentile per-packet one-way delay: 70.651 ms

Loss rate: 36.15%



Run 1: Report of Verus — Data Link

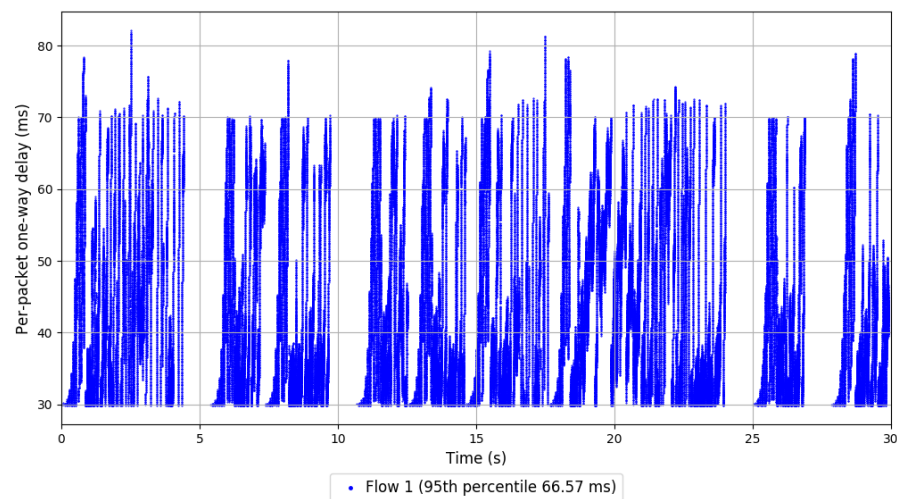
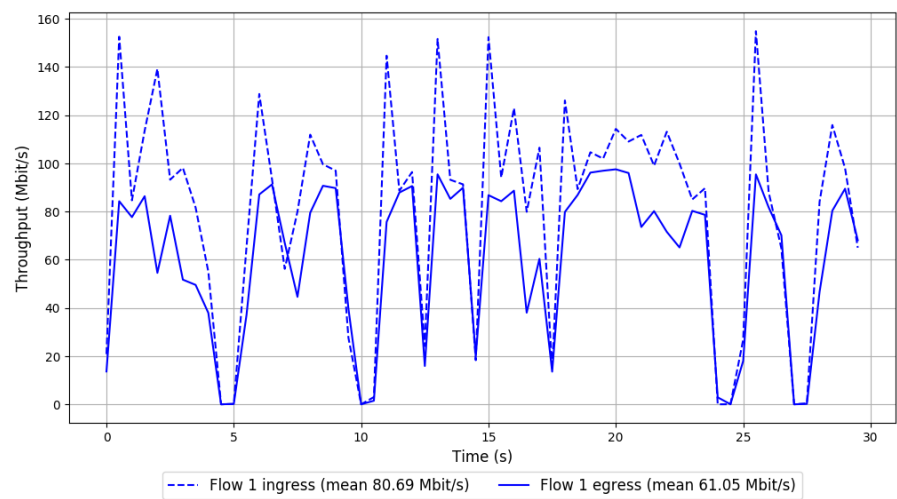


Run 2: Statistics of Verus

Start at: 2017-10-10 21:11:37  
End at: 2017-10-10 21:12:07  
Local clock offset: 1.992 ms  
Remote clock offset: -0.554 ms

# Below is generated by plot.py at 2017-10-11 00:20:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 61.05 Mbit/s  
95th percentile per-packet one-way delay: 66.574 ms  
Loss rate: 24.30%  
-- Flow 1:  
Average throughput: 61.05 Mbit/s  
95th percentile per-packet one-way delay: 66.574 ms  
Loss rate: 24.30%

Run 2: Report of Verus — Data Link

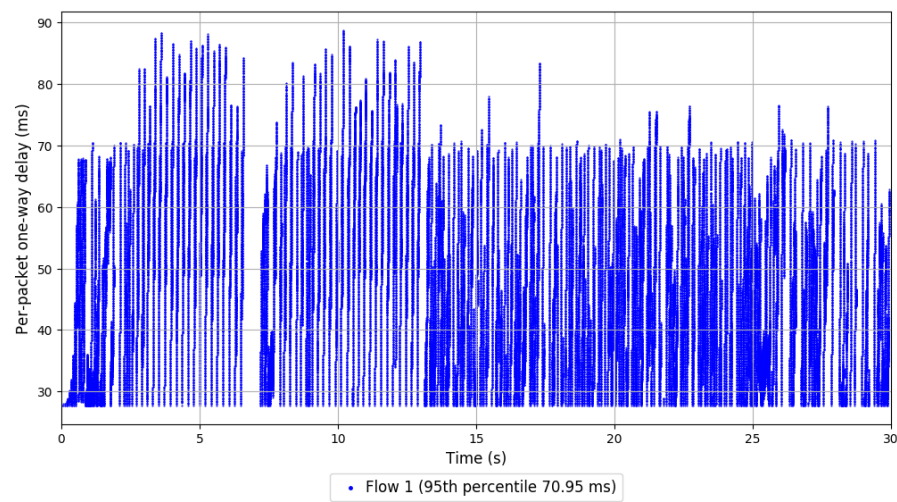
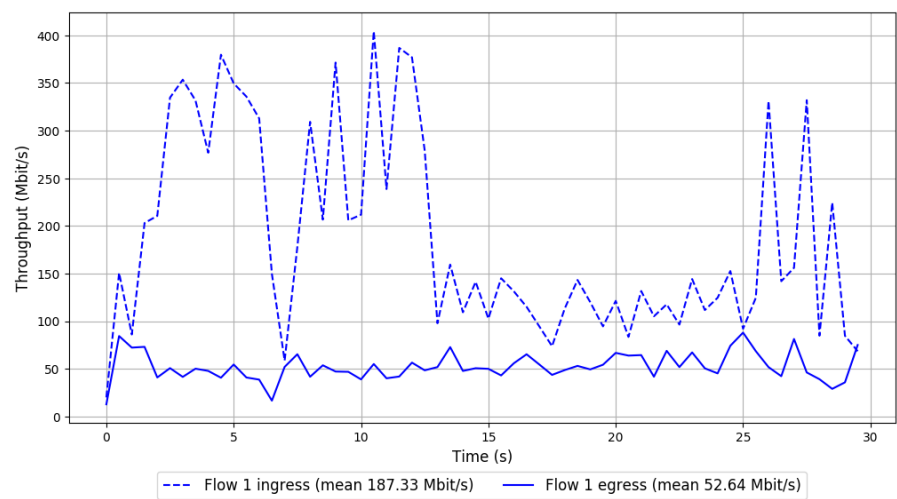


Run 3: Statistics of Verus

Start at: 2017-10-10 21:30:19  
End at: 2017-10-10 21:30:49  
Local clock offset: 1.478 ms  
Remote clock offset: -2.563 ms

# Below is generated by plot.py at 2017-10-11 00:21:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 52.64 Mbit/s  
95th percentile per-packet one-way delay: 70.955 ms  
Loss rate: 71.87%  
-- Flow 1:  
Average throughput: 52.64 Mbit/s  
95th percentile per-packet one-way delay: 70.955 ms  
Loss rate: 71.87%

Run 3: Report of Verus — Data Link

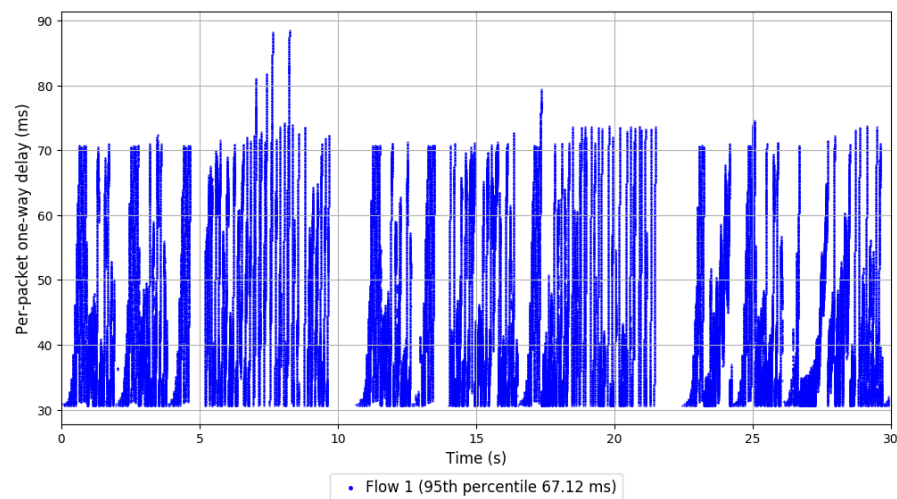
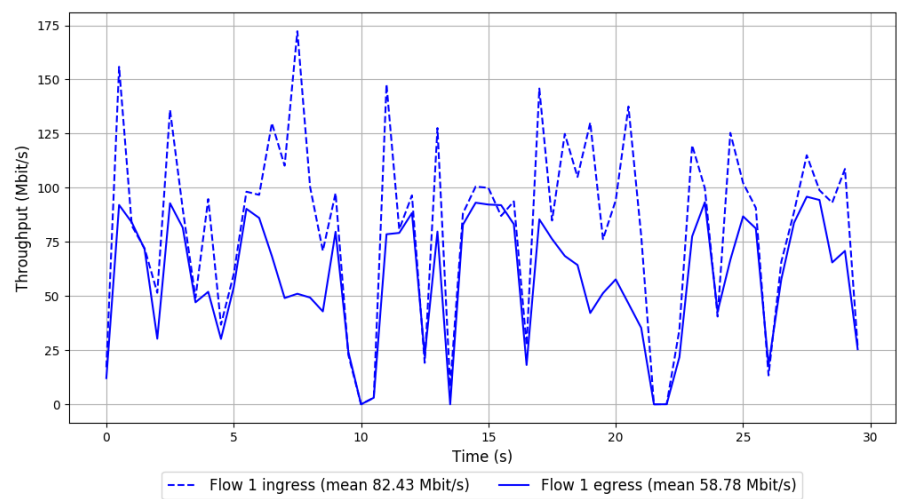


Run 4: Statistics of Verus

Start at: 2017-10-10 21:48:56  
End at: 2017-10-10 21:49:27  
Local clock offset: 1.591 ms  
Remote clock offset: -0.546 ms

# Below is generated by plot.py at 2017-10-11 00:21:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.78 Mbit/s  
95th percentile per-packet one-way delay: 67.125 ms  
Loss rate: 28.69%  
-- Flow 1:  
Average throughput: 58.78 Mbit/s  
95th percentile per-packet one-way delay: 67.125 ms  
Loss rate: 28.69%

Run 4: Report of Verus — Data Link



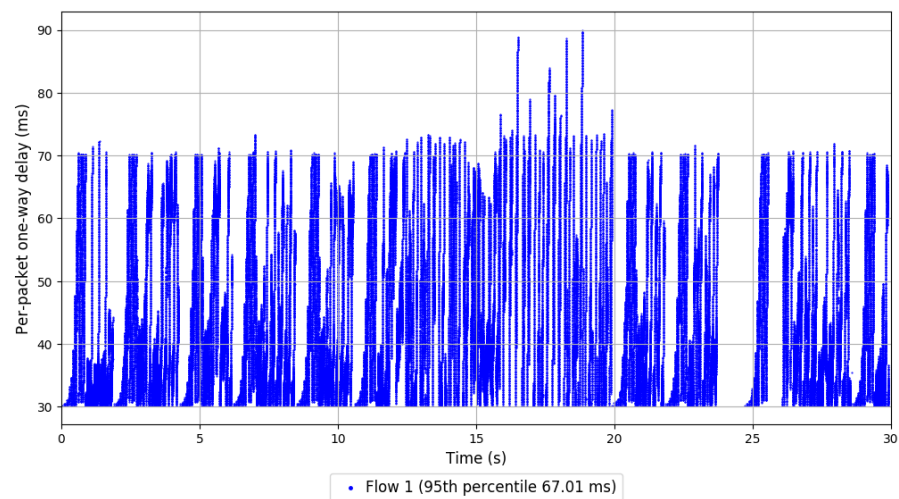
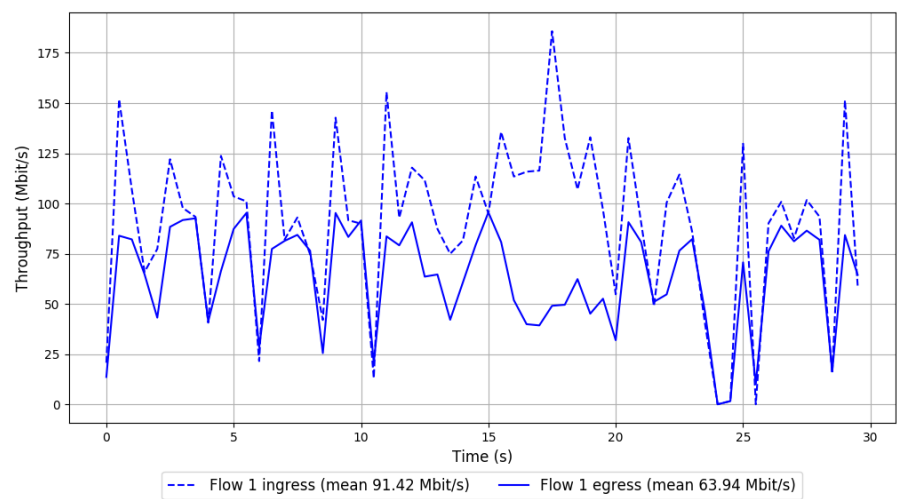
Run 5: Statistics of Verus

Start at: 2017-10-10 22:07:35  
End at: 2017-10-10 22:08:05  
Local clock offset: 1.844 ms  
Remote clock offset: -0.862 ms

# Below is generated by plot.py at 2017-10-11 00:21:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 63.94 Mbit/s  
95th percentile per-packet one-way delay: 67.008 ms  
Loss rate: 30.05%  
-- Flow 1:  
Average throughput: 63.94 Mbit/s  
95th percentile per-packet one-way delay: 67.008 ms  
Loss rate: 30.05%



Run 5: Report of Verus — Data Link

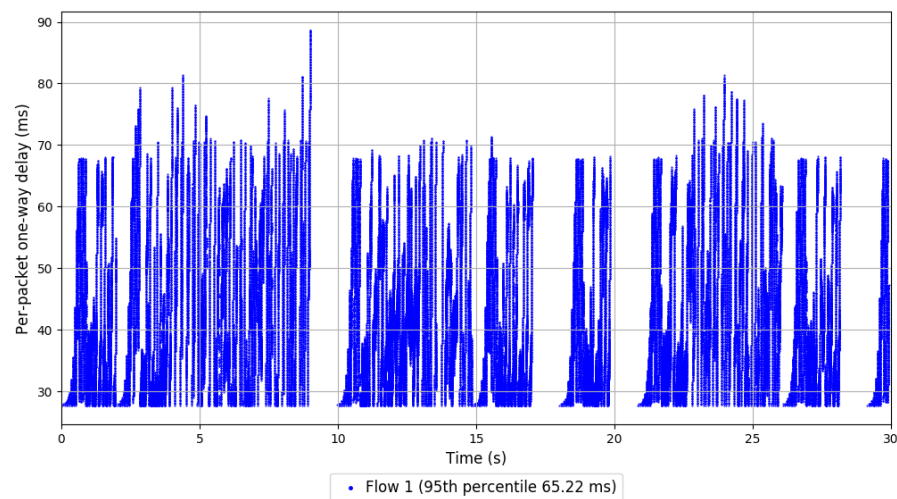
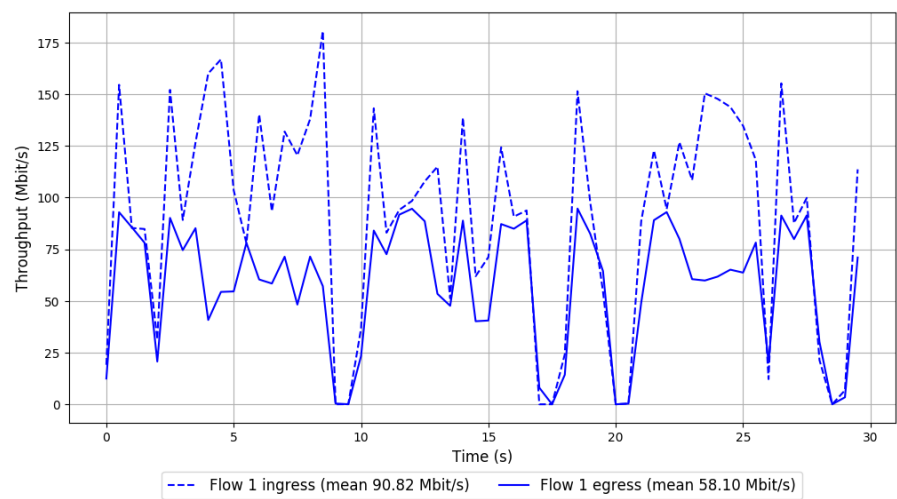


Run 6: Statistics of Verus

Start at: 2017-10-10 22:26:10  
End at: 2017-10-10 22:26:40  
Local clock offset: 1.778 ms  
Remote clock offset: -3.909 ms

# Below is generated by plot.py at 2017-10-11 00:21:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.10 Mbit/s  
95th percentile per-packet one-way delay: 65.215 ms  
Loss rate: 35.99%  
-- Flow 1:  
Average throughput: 58.10 Mbit/s  
95th percentile per-packet one-way delay: 65.215 ms  
Loss rate: 35.99%

Run 6: Report of Verus — Data Link

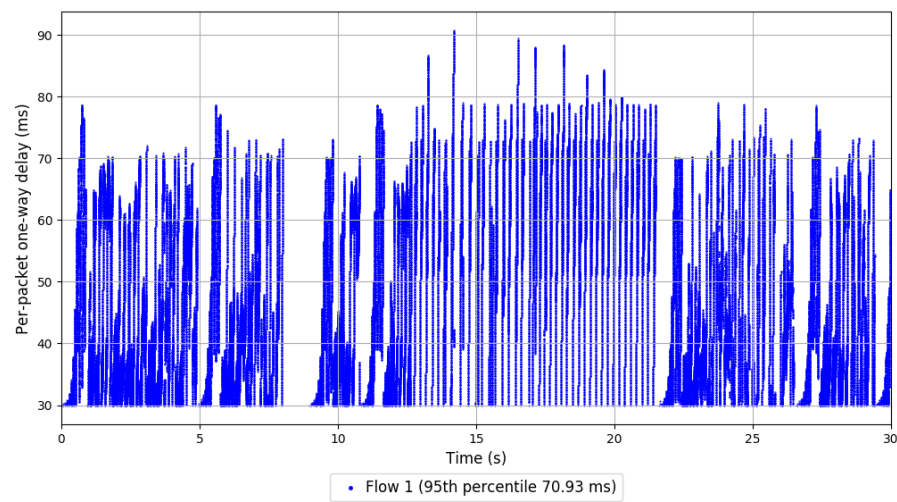
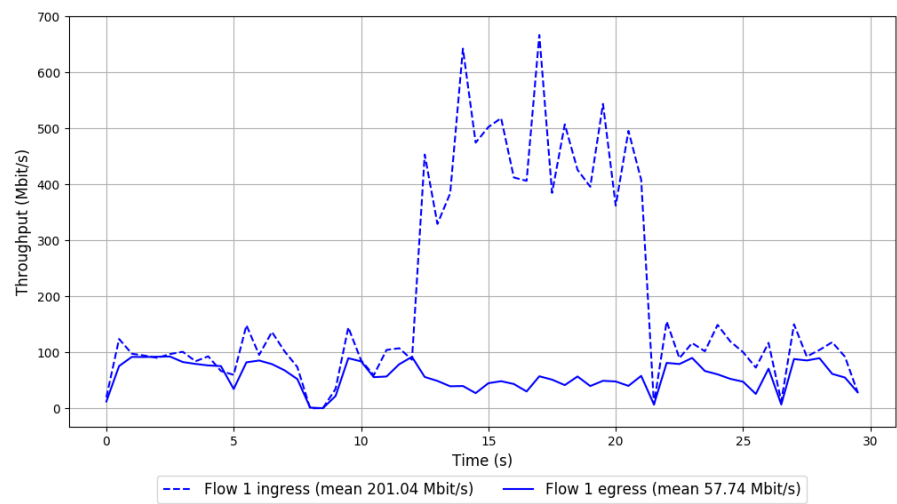


Run 7: Statistics of Verus

Start at: 2017-10-10 22:44:51  
End at: 2017-10-10 22:45:21  
Local clock offset: 1.887 ms  
Remote clock offset: -1.867 ms

# Below is generated by plot.py at 2017-10-11 00:21:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 57.74 Mbit/s  
95th percentile per-packet one-way delay: 70.929 ms  
Loss rate: 71.26%  
-- Flow 1:  
Average throughput: 57.74 Mbit/s  
95th percentile per-packet one-way delay: 70.929 ms  
Loss rate: 71.26%

Run 7: Report of Verus — Data Link

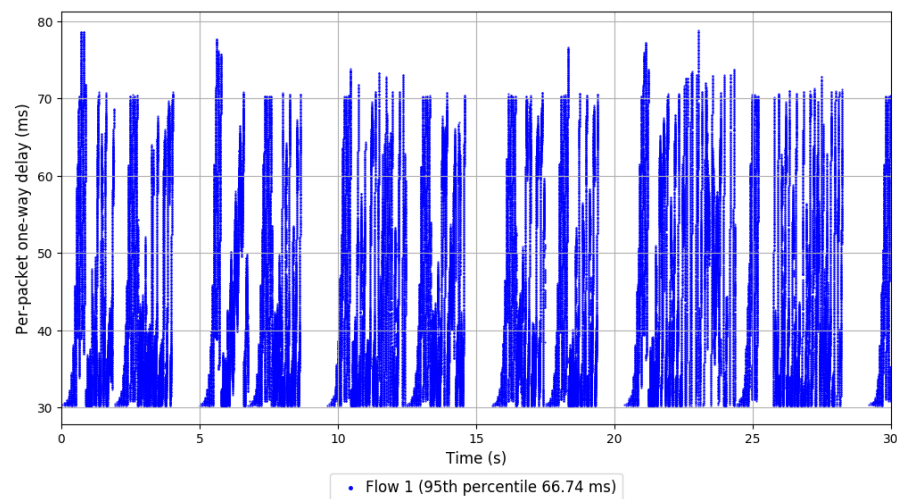
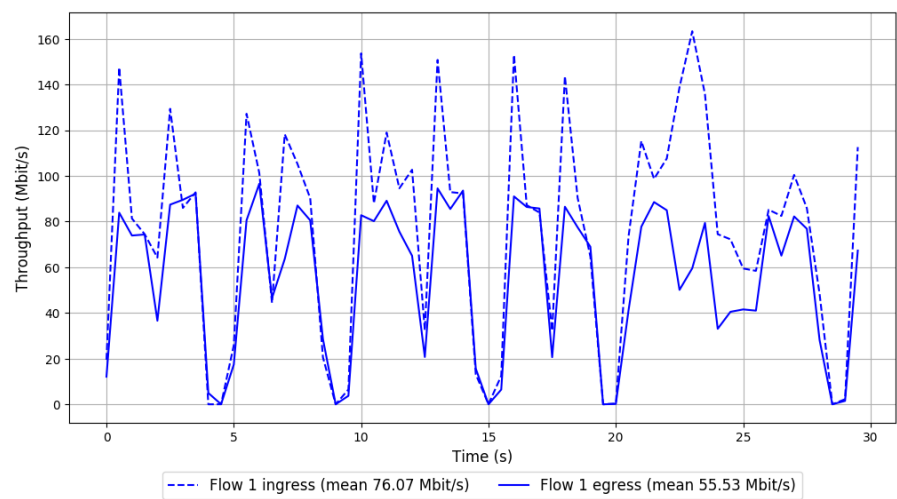


Run 8: Statistics of Verus

Start at: 2017-10-10 23:03:27  
End at: 2017-10-10 23:03:57  
Local clock offset: 2.341 ms  
Remote clock offset: -1.504 ms

# Below is generated by plot.py at 2017-10-11 00:21:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 55.53 Mbit/s  
95th percentile per-packet one-way delay: 66.739 ms  
Loss rate: 26.99%  
-- Flow 1:  
Average throughput: 55.53 Mbit/s  
95th percentile per-packet one-way delay: 66.739 ms  
Loss rate: 26.99%

Run 8: Report of Verus — Data Link



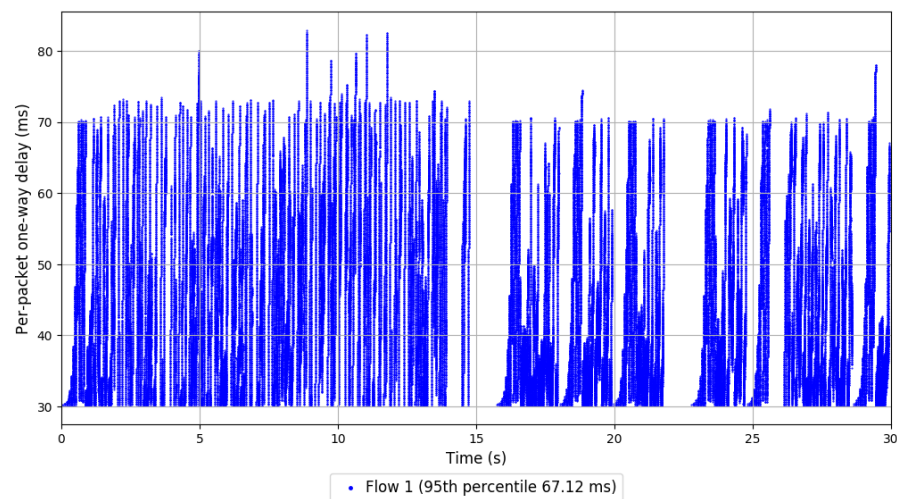
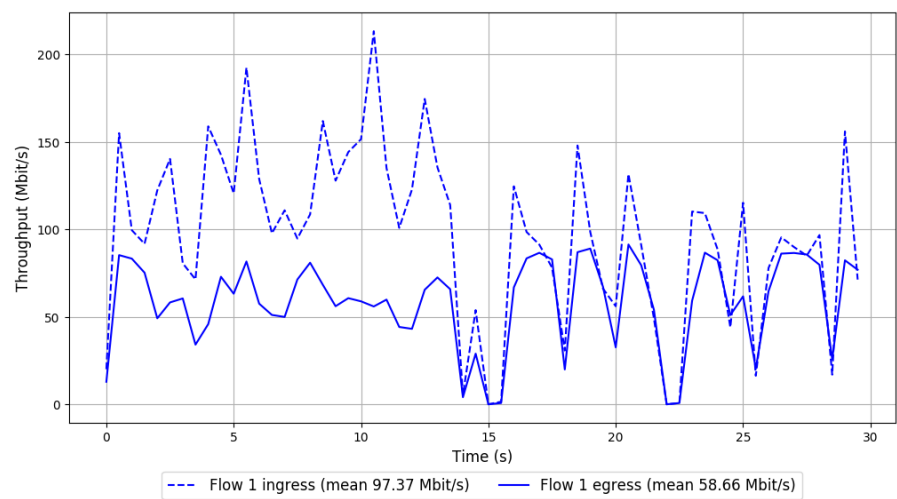
Run 9: Statistics of Verus

Start at: 2017-10-10 23:21:57  
End at: 2017-10-10 23:22:27  
Local clock offset: 2.569 ms  
Remote clock offset: -1.622 ms

# Below is generated by plot.py at 2017-10-11 00:21:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.66 Mbit/s  
95th percentile per-packet one-way delay: 67.121 ms  
Loss rate: 39.68%  
-- Flow 1:  
Average throughput: 58.66 Mbit/s  
95th percentile per-packet one-way delay: 67.121 ms  
Loss rate: 39.68%



Run 9: Report of Verus — Data Link

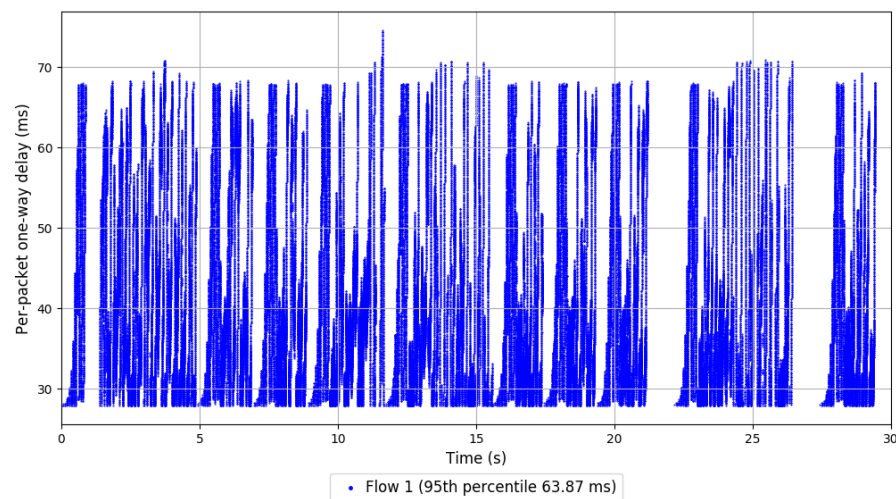
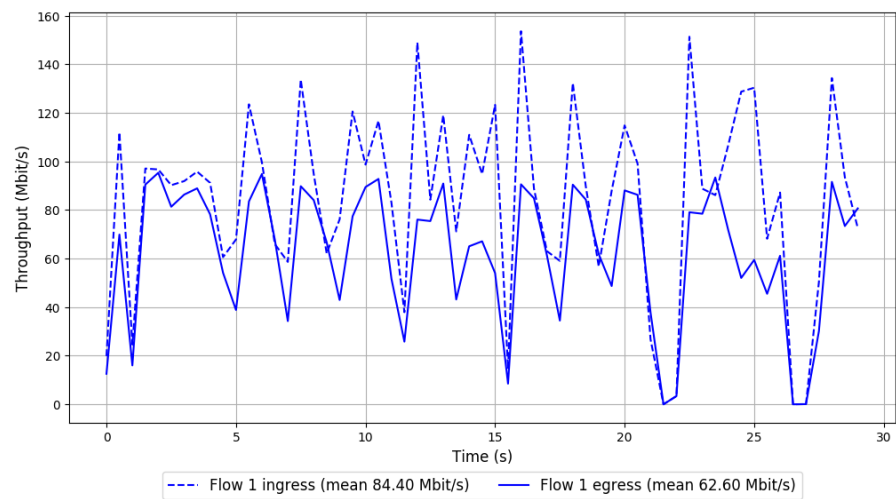


Run 10: Statistics of Verus

Start at: 2017-10-10 23:40:25  
End at: 2017-10-10 23:40:55  
Local clock offset: 2.513 ms  
Remote clock offset: -3.829 ms

# Below is generated by plot.py at 2017-10-11 00:21:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 62.60 Mbit/s  
95th percentile per-packet one-way delay: 63.865 ms  
Loss rate: 25.76%  
-- Flow 1:  
Average throughput: 62.60 Mbit/s  
95th percentile per-packet one-way delay: 63.865 ms  
Loss rate: 25.76%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

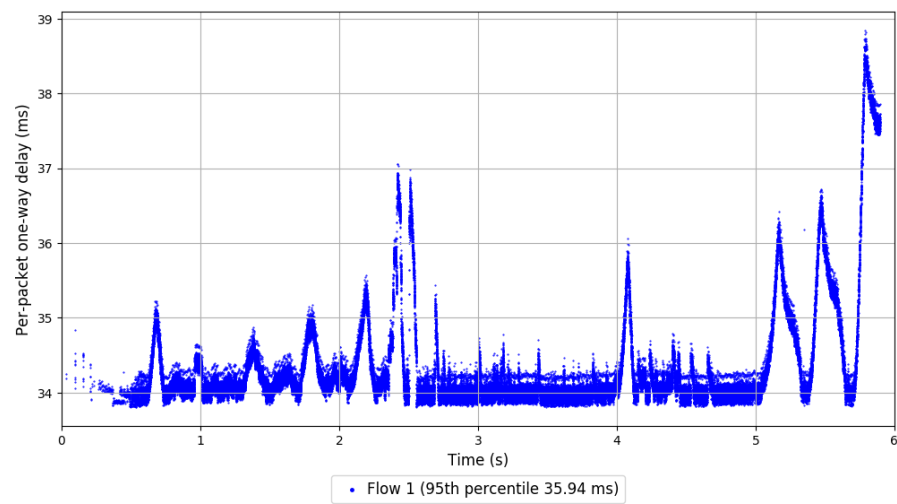
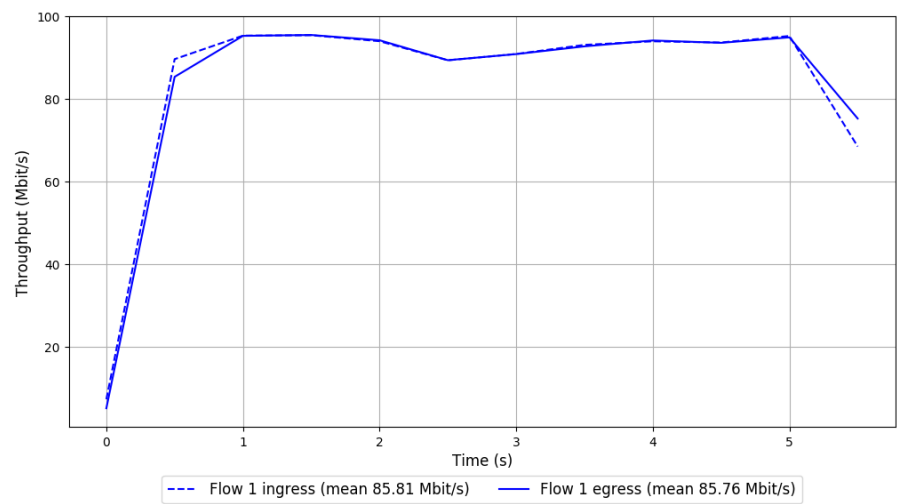
Start at: 2017-10-10 20:50:28

End at: 2017-10-10 20:50:58

Local clock offset: 2.882 ms

Remote clock offset: 3.851 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

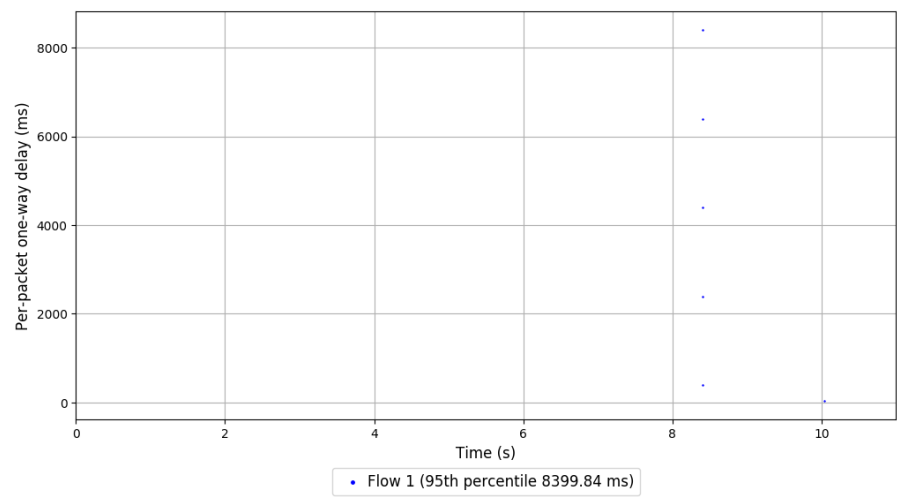
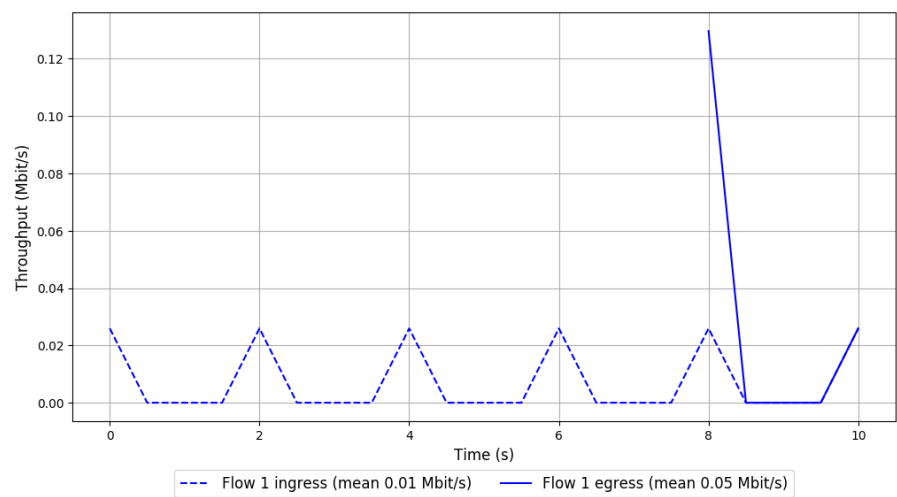
Start at: 2017-10-10 21:09:01

End at: 2017-10-10 21:09:32

Local clock offset: 2.059 ms

Remote clock offset: -0.453 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2017-10-10 21:27:40

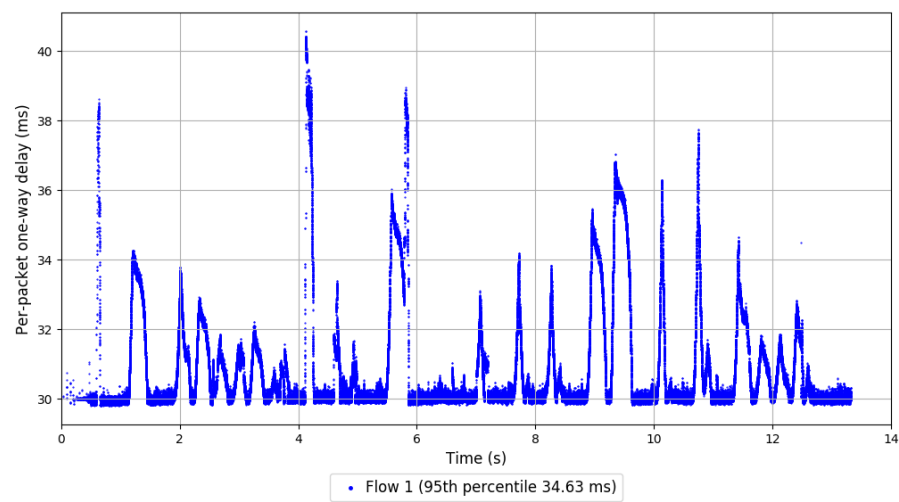
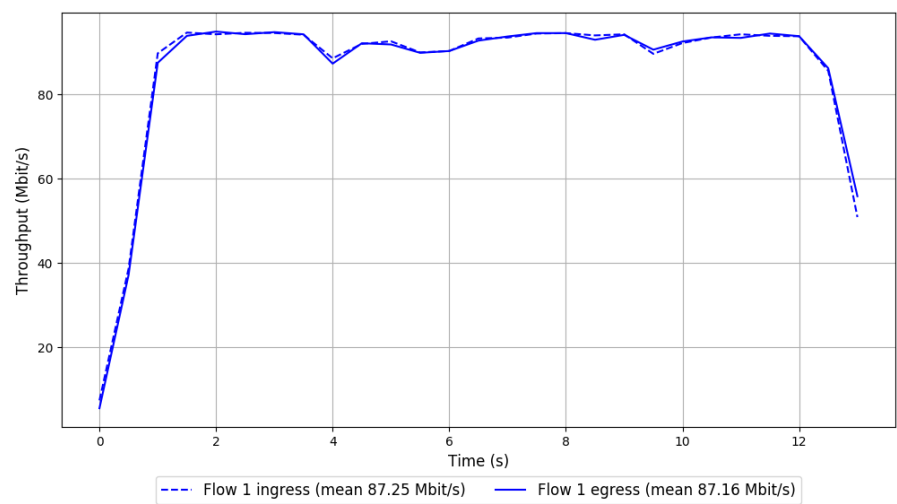
End at: 2017-10-10 21:28:10

Local clock offset: 1.592 ms

Remote clock offset: -0.42 ms



Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

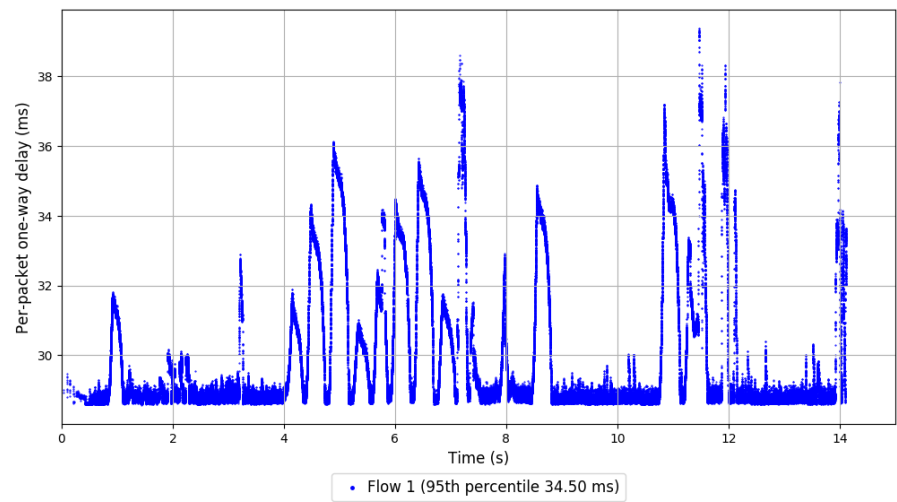
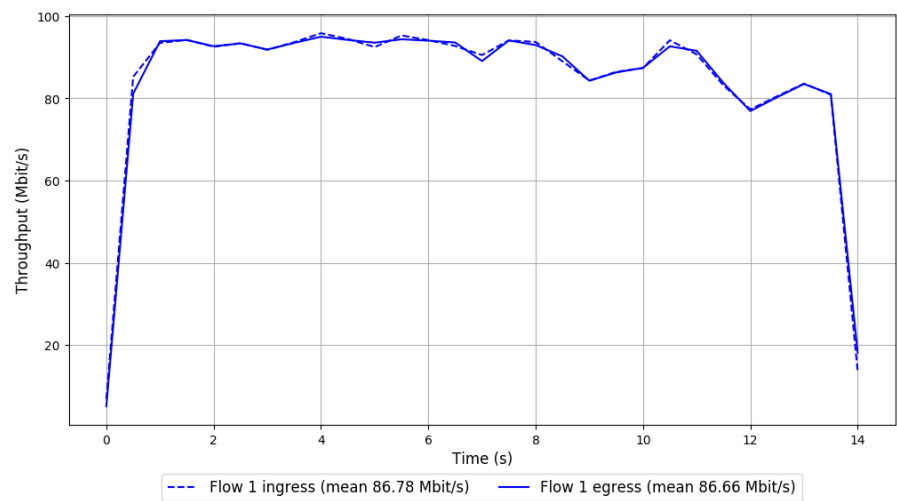
Start at: 2017-10-10 21:46:17

End at: 2017-10-10 21:46:47

Local clock offset: 1.607 ms

Remote clock offset: -2.485 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

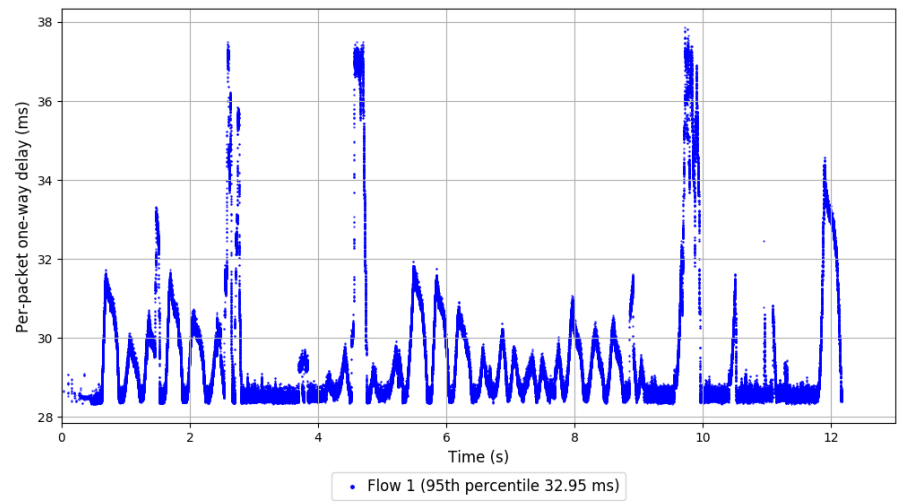
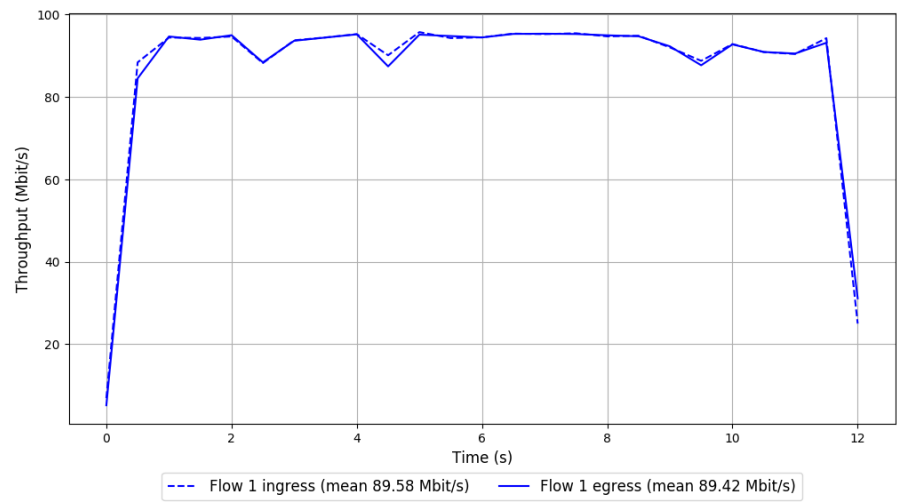
Start at: 2017-10-10 22:04:55

End at: 2017-10-10 22:05:25

Local clock offset: 1.839 ms

Remote clock offset: -3.359 ms

Run 5: Report of Copa — Data Link

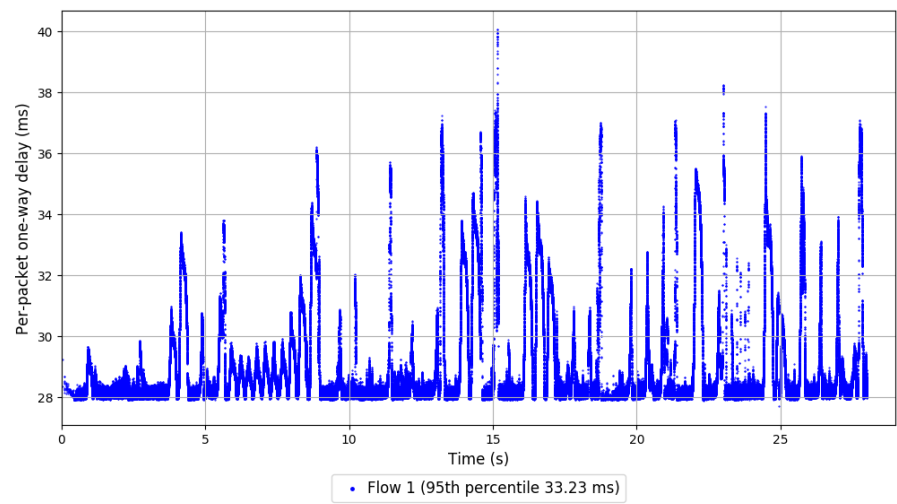
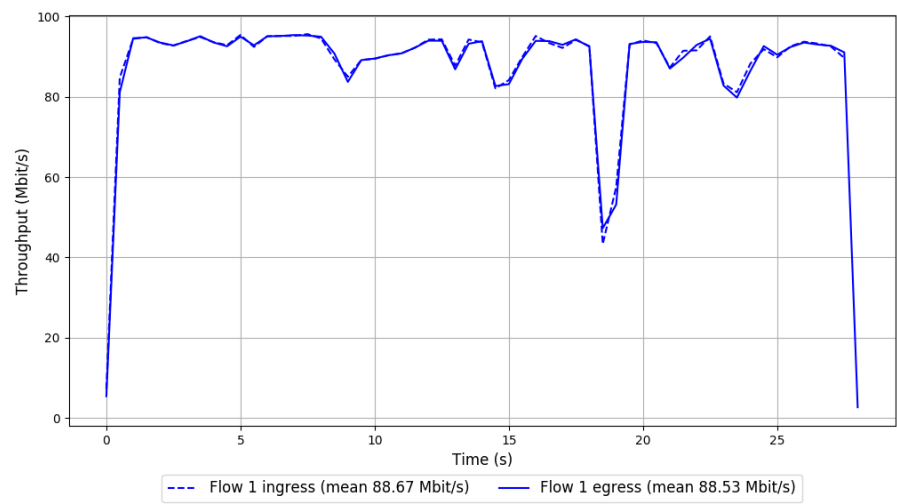


Run 6: Statistics of Copa

Start at: 2017-10-10 22:23:29  
End at: 2017-10-10 22:23:59  
Local clock offset: 1.709 ms  
Remote clock offset: -3.766 ms

# Below is generated by plot.py at 2017-10-11 00:23:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.53 Mbit/s  
95th percentile per-packet one-way delay: 33.225 ms  
Loss rate: 0.17%  
-- Flow 1:  
Average throughput: 88.53 Mbit/s  
95th percentile per-packet one-way delay: 33.225 ms  
Loss rate: 0.17%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2017-10-10 22:42:13

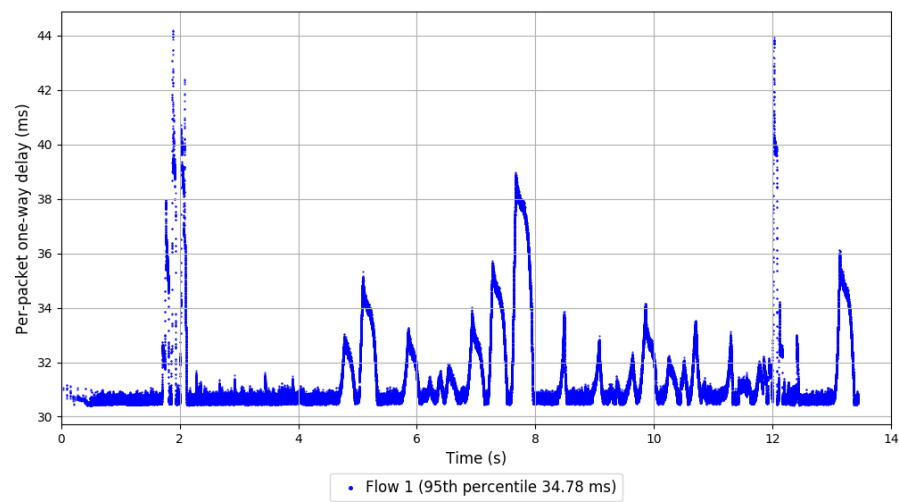
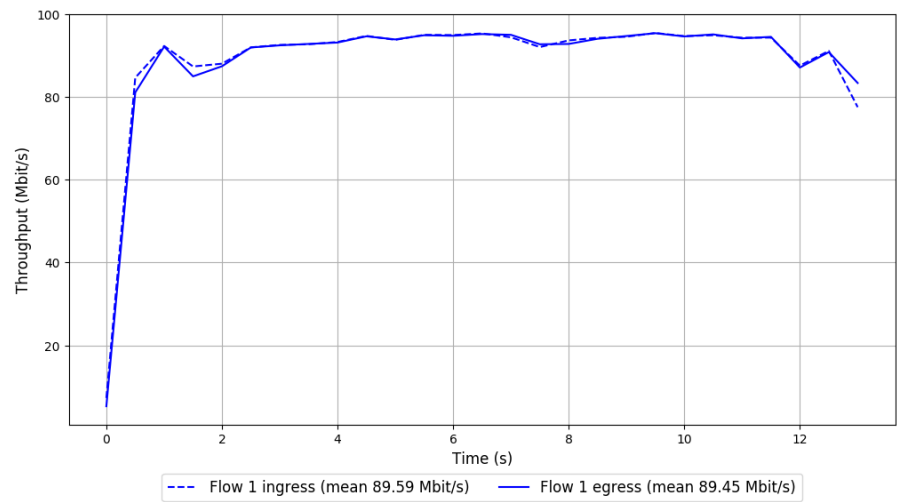
End at: 2017-10-10 22:42:43

Local clock offset: 1.867 ms

Remote clock offset: -1.36 ms



Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

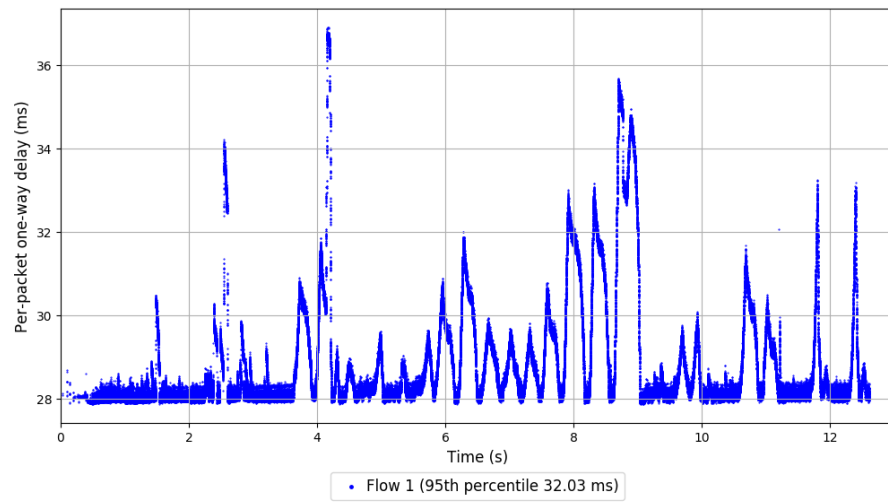
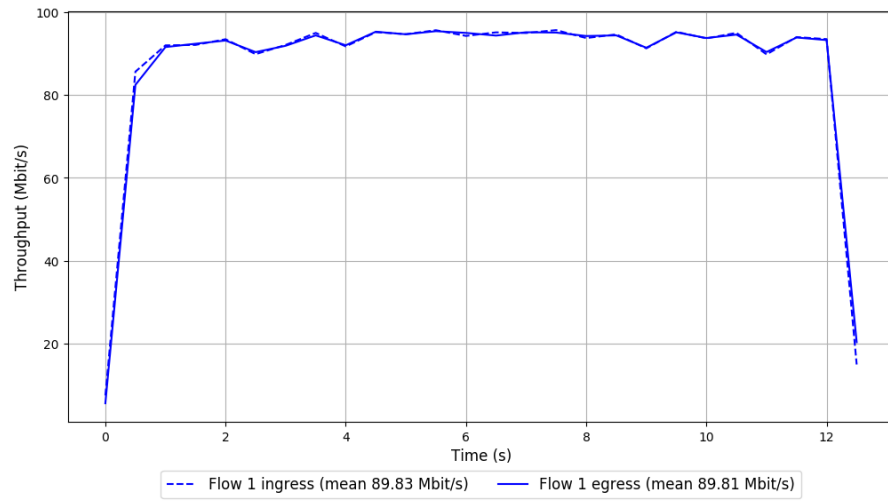
Start at: 2017-10-10 23:00:48

End at: 2017-10-10 23:01:18

Local clock offset: 2.249 ms

Remote clock offset: -3.967 ms

## Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

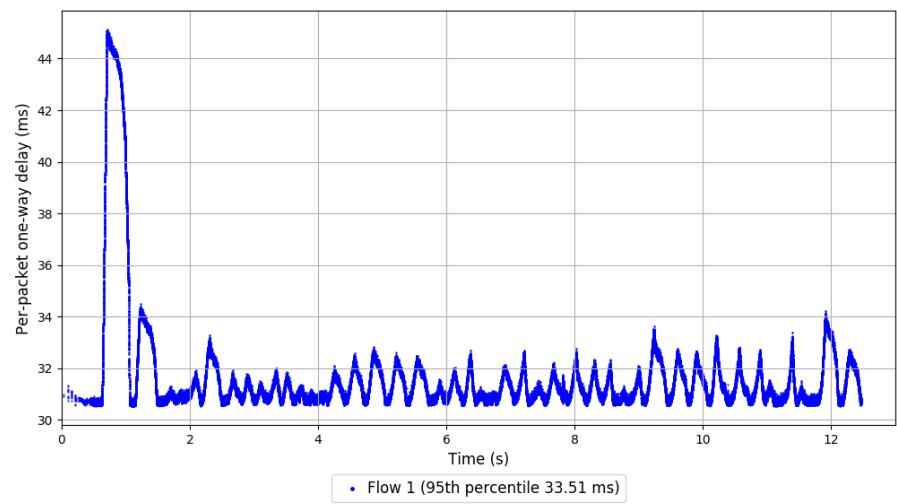
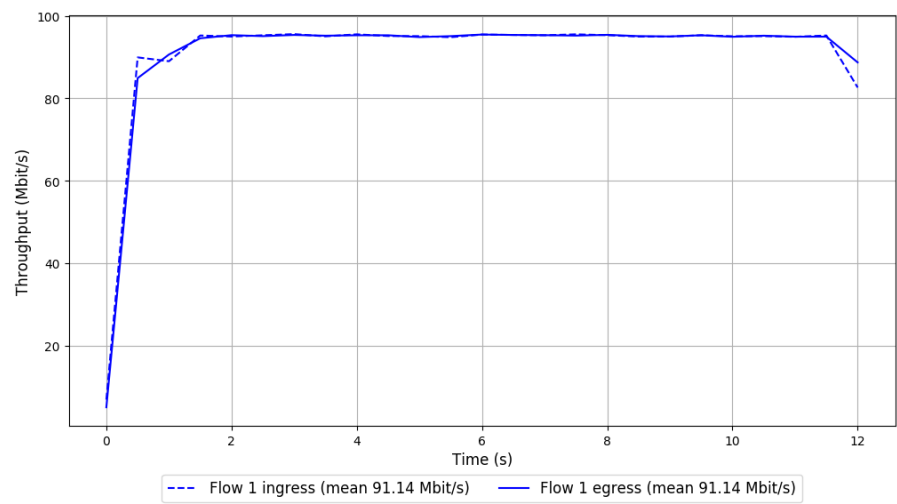
Start at: 2017-10-10 23:19:18

End at: 2017-10-10 23:19:48

Local clock offset: 2.416 ms

Remote clock offset: -2.079 ms

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

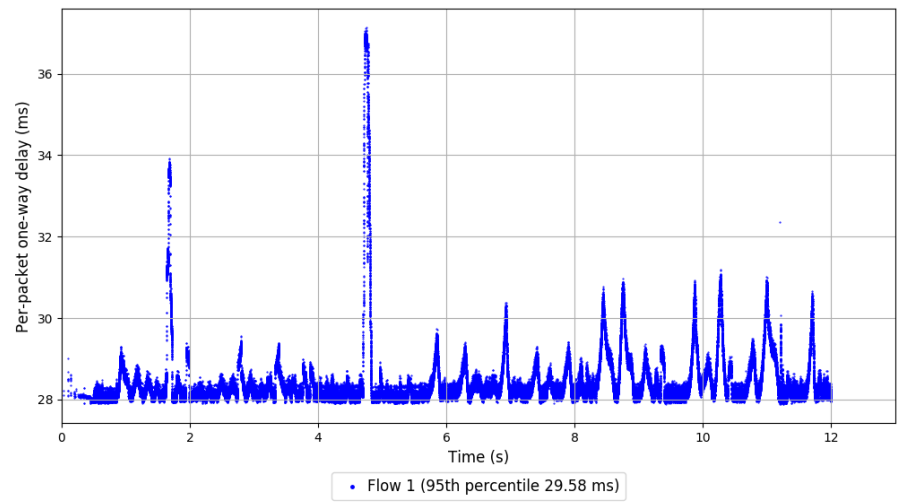
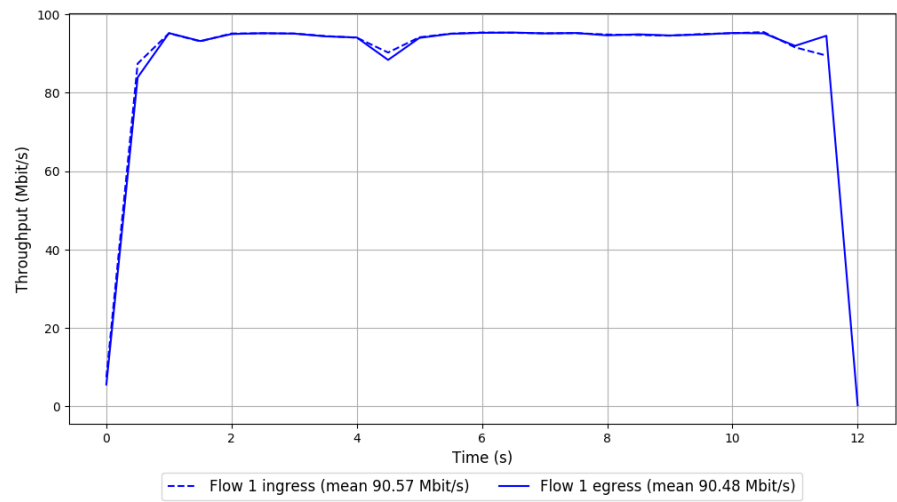
Start at: 2017-10-10 23:37:48

End at: 2017-10-10 23:38:18

Local clock offset: 2.477 ms

Remote clock offset: -3.839 ms

Run 10: Report of Copa — Data Link



Run 1: Statistics of CalibratedKoho

Start at: 2017-10-10 20:44:04

End at: 2017-10-10 20:44:34

Local clock offset: 2.765 ms

Remote clock offset: 3.893 ms

# Below is generated by plot.py at 2017-10-11 00:23:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.82 Mbit/s

95th percentile per-packet one-way delay: 46.301 ms

Loss rate: 0.02%

-- Flow 1:

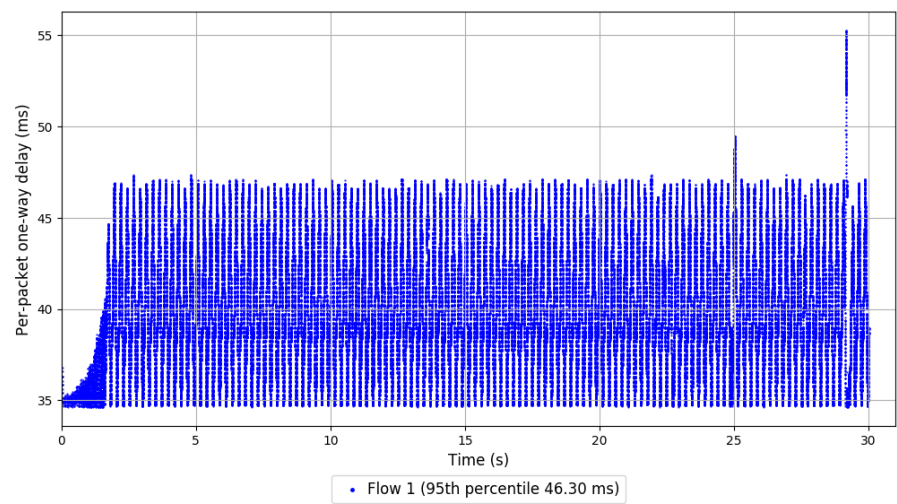
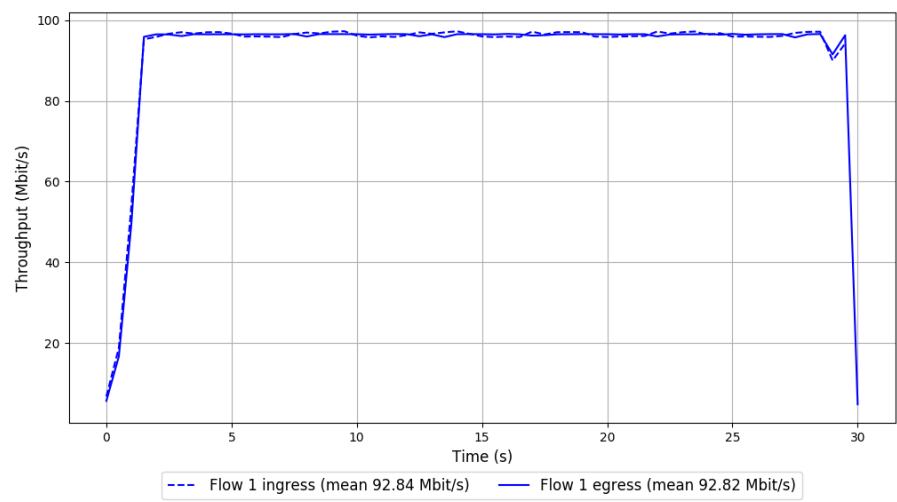
Average throughput: 92.82 Mbit/s

95th percentile per-packet one-way delay: 46.301 ms

Loss rate: 0.02%



Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: 2017-10-10 21:02:30

End at: 2017-10-10 21:03:00

Local clock offset: 2.052 ms

Remote clock offset: 0.077 ms

# Below is generated by plot.py at 2017-10-11 00:23:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.05 Mbit/s

95th percentile per-packet one-way delay: 42.174 ms

Loss rate: 0.00%

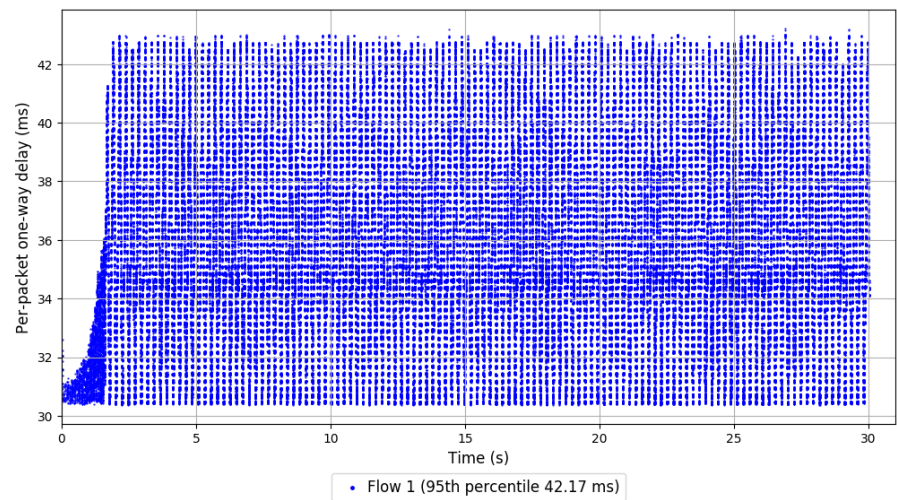
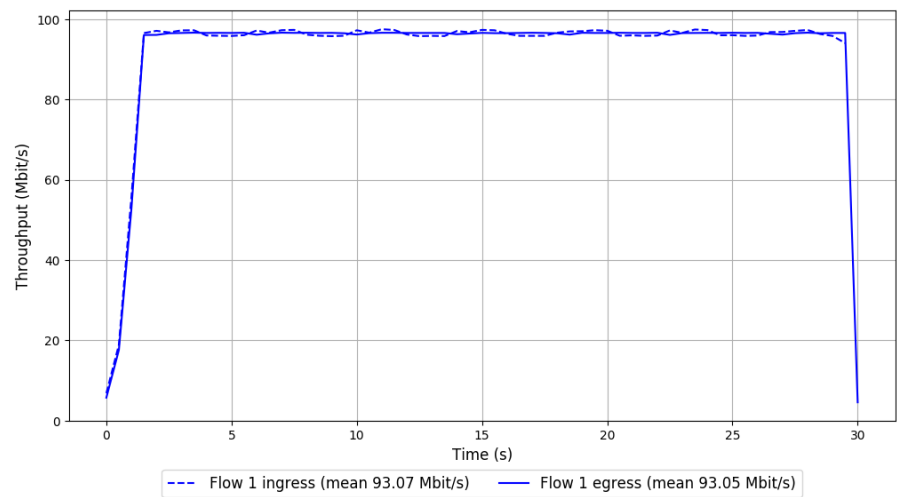
-- Flow 1:

Average throughput: 93.05 Mbit/s

95th percentile per-packet one-way delay: 42.174 ms

Loss rate: 0.00%

Run 2: Report of CalibratedKoho — Data Link

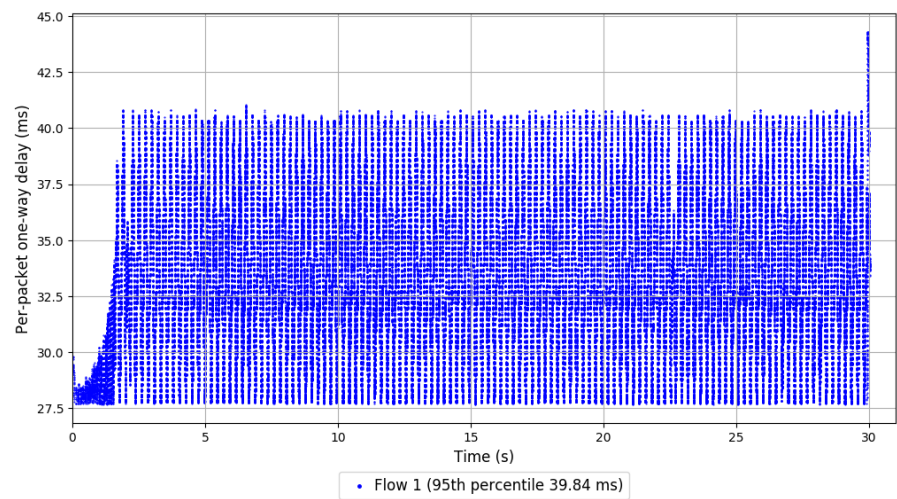
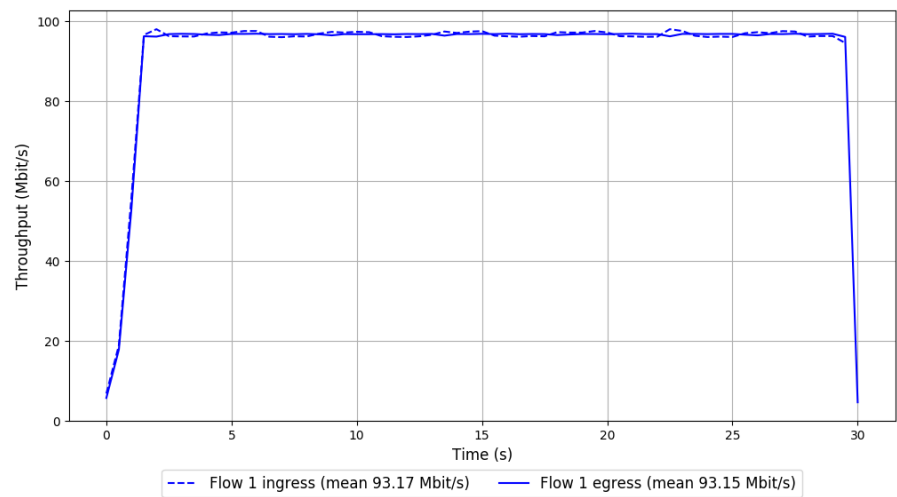


Run 3: Statistics of CalibratedKoho

Start at: 2017-10-10 21:21:09  
End at: 2017-10-10 21:21:39  
Local clock offset: 1.642 ms  
Remote clock offset: -2.652 ms

# Below is generated by plot.py at 2017-10-11 00:23:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.15 Mbit/s  
95th percentile per-packet one-way delay: 39.838 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 93.15 Mbit/s  
95th percentile per-packet one-way delay: 39.838 ms  
Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: 2017-10-10 21:39:47

End at: 2017-10-10 21:40:17

Local clock offset: 1.654 ms

Remote clock offset: 0.014 ms

# Below is generated by plot.py at 2017-10-11 00:24:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.23 Mbit/s

95th percentile per-packet one-way delay: 41.328 ms

Loss rate: 0.09%

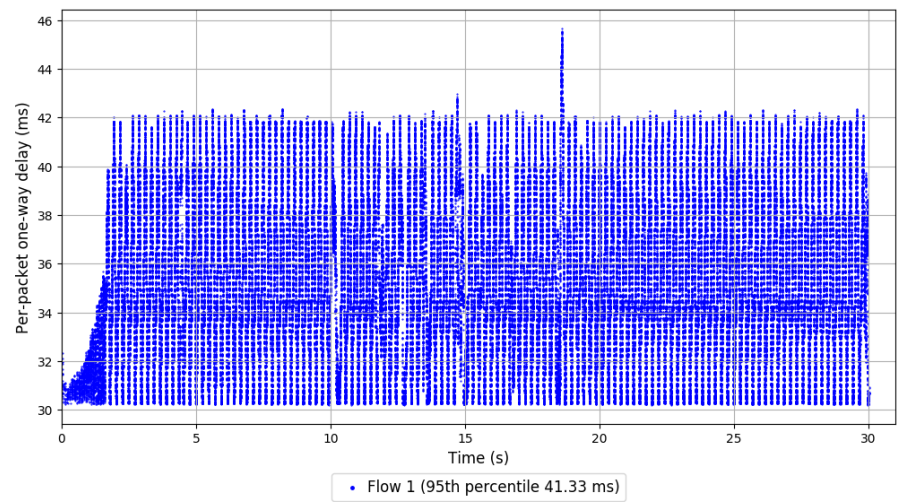
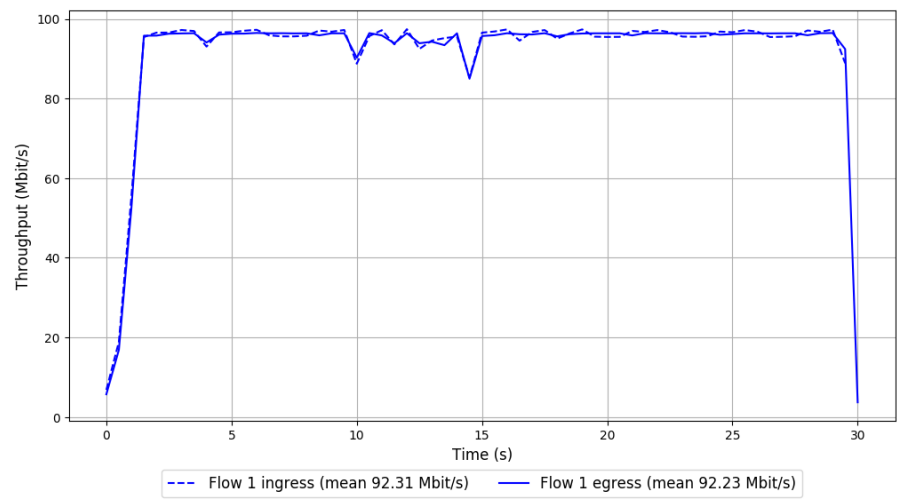
-- Flow 1:

Average throughput: 92.23 Mbit/s

95th percentile per-packet one-way delay: 41.328 ms

Loss rate: 0.09%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: 2017-10-10 21:58:25

End at: 2017-10-10 21:58:55

Local clock offset: 1.719 ms

Remote clock offset: -1.02 ms

# Below is generated by plot.py at 2017-10-11 00:24:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.61 Mbit/s

95th percentile per-packet one-way delay: 41.439 ms

Loss rate: 0.07%

-- Flow 1:

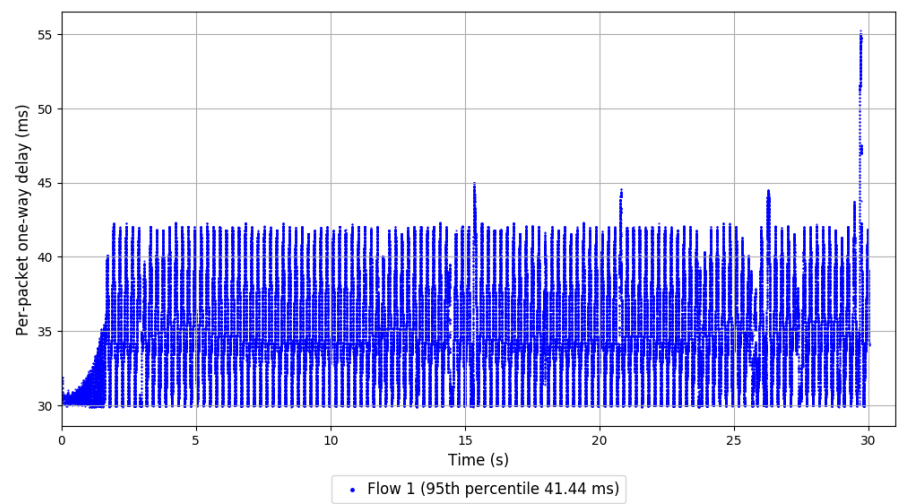
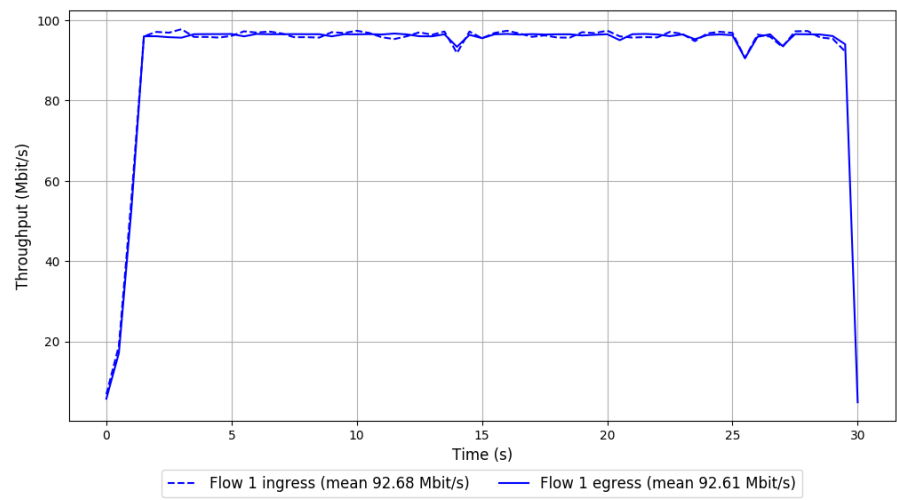
Average throughput: 92.61 Mbit/s

95th percentile per-packet one-way delay: 41.439 ms

Loss rate: 0.07%



Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: 2017-10-10 22:16:59

End at: 2017-10-10 22:17:29

Local clock offset: 1.843 ms

Remote clock offset: -1.16 ms

# Below is generated by plot.py at 2017-10-11 00:24:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.94 Mbit/s

95th percentile per-packet one-way delay: 42.151 ms

Loss rate: 0.06%

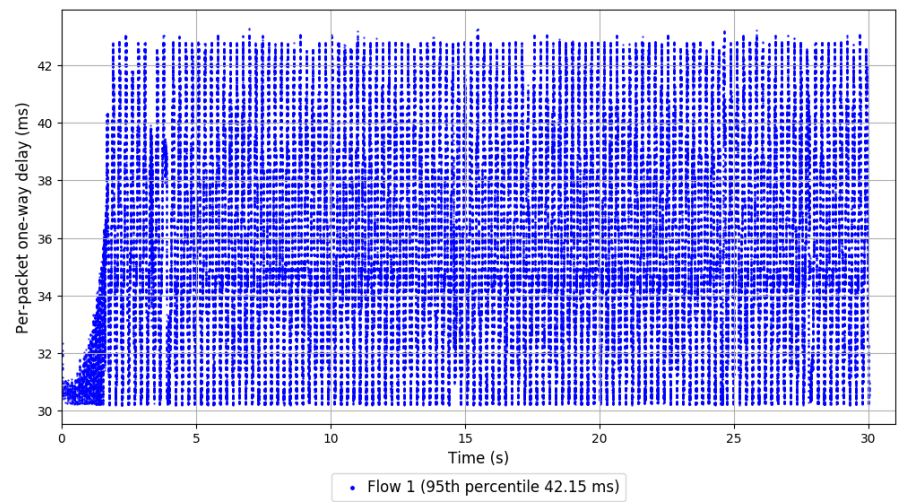
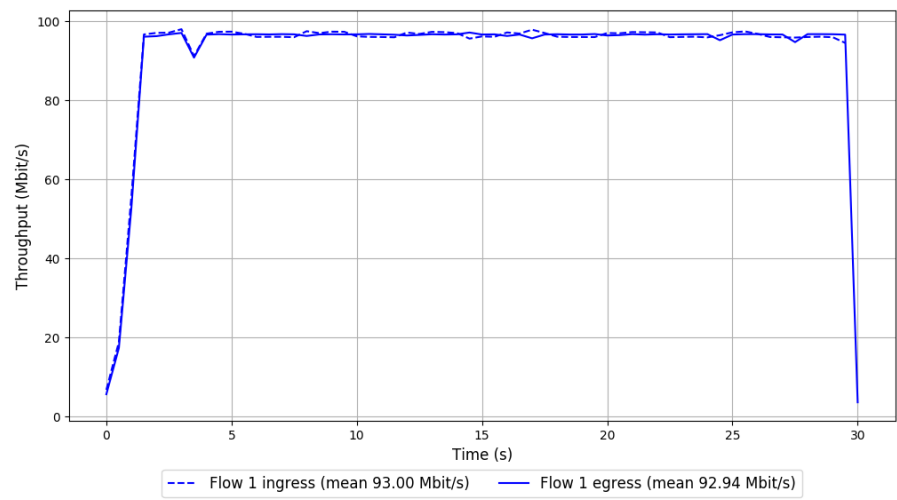
-- Flow 1:

Average throughput: 92.94 Mbit/s

95th percentile per-packet one-way delay: 42.151 ms

Loss rate: 0.06%

Run 6: Report of CalibratedKoho — Data Link

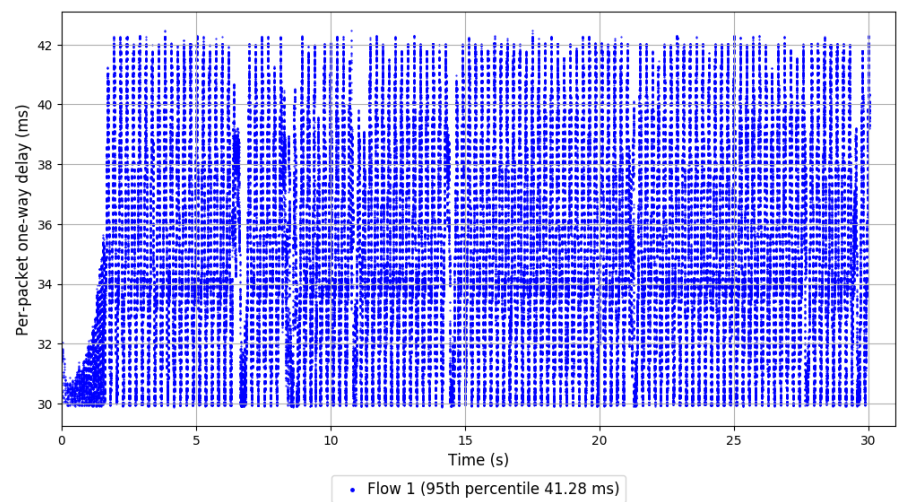
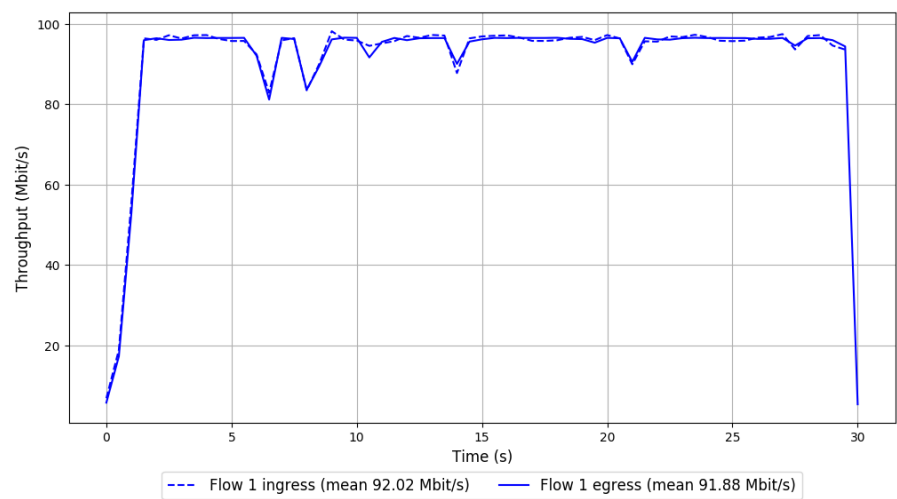


Run 7: Statistics of CalibratedKoho

Start at: 2017-10-10 22:35:41  
End at: 2017-10-10 22:36:11  
Local clock offset: 1.749 ms  
Remote clock offset: -1.927 ms

# Below is generated by plot.py at 2017-10-11 00:24:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.88 Mbit/s  
95th percentile per-packet one-way delay: 41.285 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 91.88 Mbit/s  
95th percentile per-packet one-way delay: 41.285 ms  
Loss rate: 0.12%

Run 7: Report of CalibratedKoho — Data Link

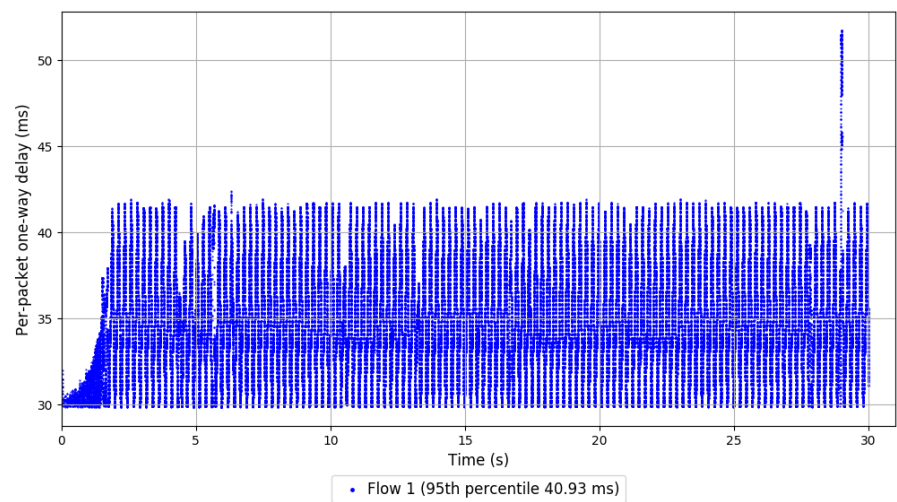
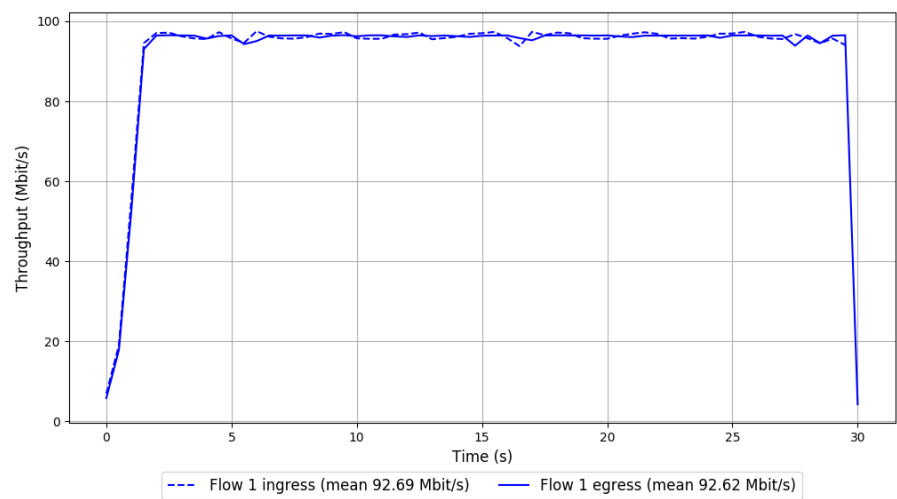


Run 8: Statistics of CalibratedKoho

Start at: 2017-10-10 22:54:18  
End at: 2017-10-10 22:54:48  
Local clock offset: 2.209 ms  
Remote clock offset: -1.878 ms

# Below is generated by plot.py at 2017-10-11 00:25:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.62 Mbit/s  
95th percentile per-packet one-way delay: 40.928 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 92.62 Mbit/s  
95th percentile per-packet one-way delay: 40.928 ms  
Loss rate: 0.07%

Run 8: Report of CalibratedKoho — Data Link



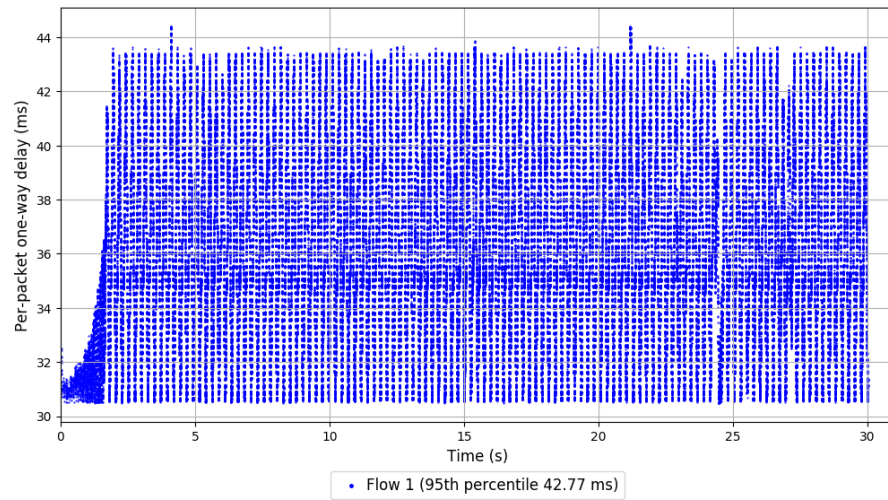
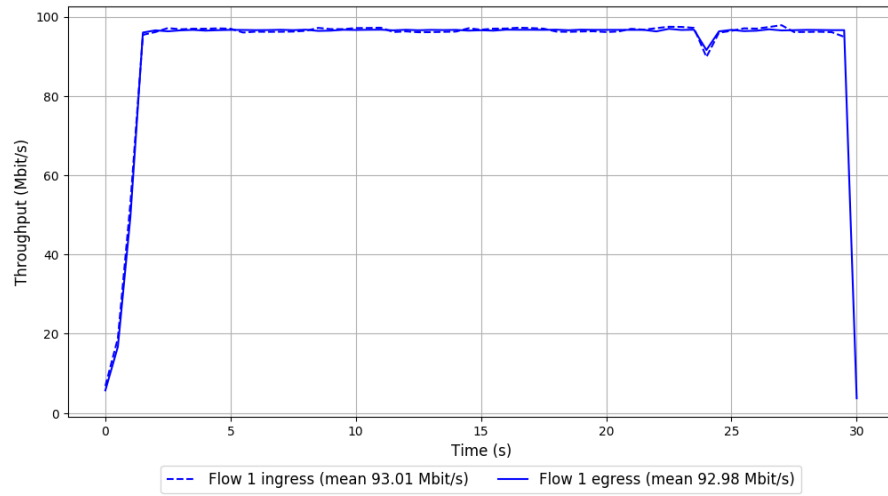
Run 9: Statistics of CalibratedKoho

Start at: 2017-10-10 23:12:49  
End at: 2017-10-10 23:13:19  
Local clock offset: 2.383 ms  
Remote clock offset: -2.127 ms

# Below is generated by plot.py at 2017-10-11 00:25:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.98 Mbit/s  
95th percentile per-packet one-way delay: 42.766 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 92.98 Mbit/s  
95th percentile per-packet one-way delay: 42.766 ms  
Loss rate: 0.04%



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



Run 10: Statistics of CalibratedKoho

Start at: 2017-10-10 23:31:18

End at: 2017-10-10 23:31:48

Local clock offset: 2.471 ms

Remote clock offset: -3.86 ms

# Below is generated by plot.py at 2017-10-11 00:25:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.71 Mbit/s

95th percentile per-packet one-way delay: 39.818 ms

Loss rate: 0.00%

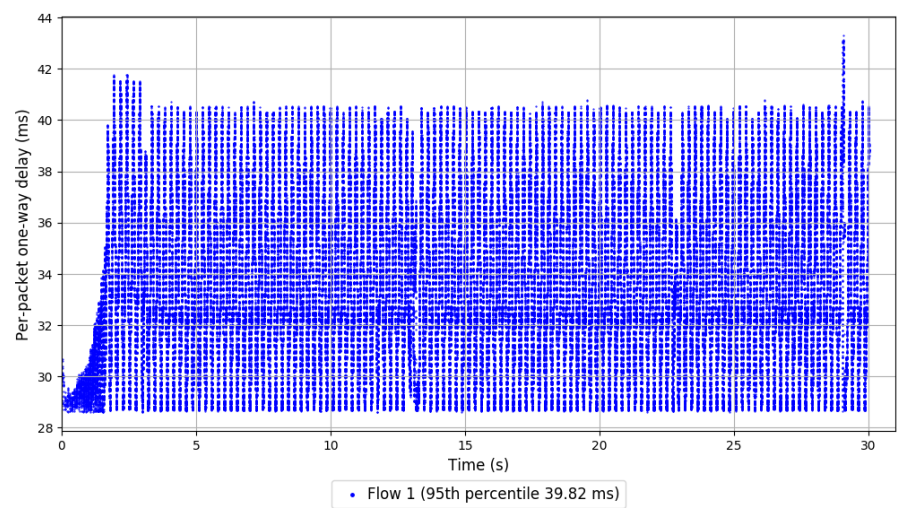
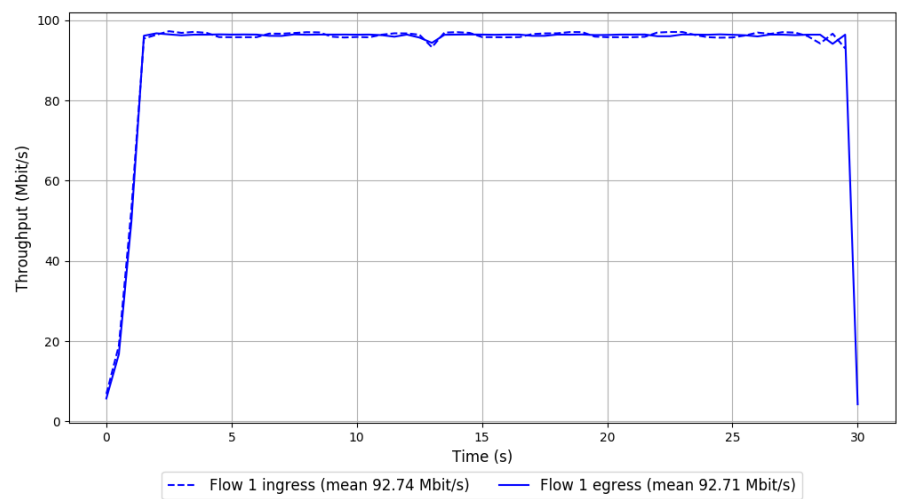
-- Flow 1:

Average throughput: 92.71 Mbit/s

95th percentile per-packet one-way delay: 39.818 ms

Loss rate: 0.00%

Run 10: Report of CalibratedKoho — Data Link

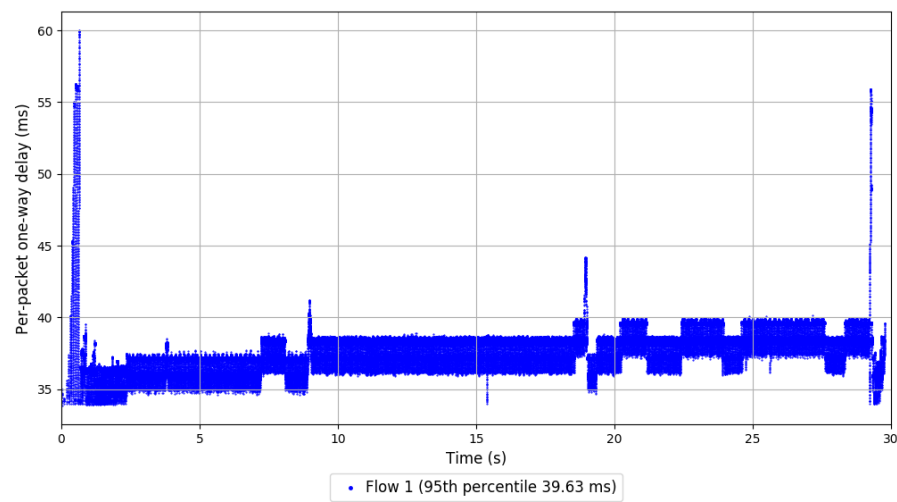
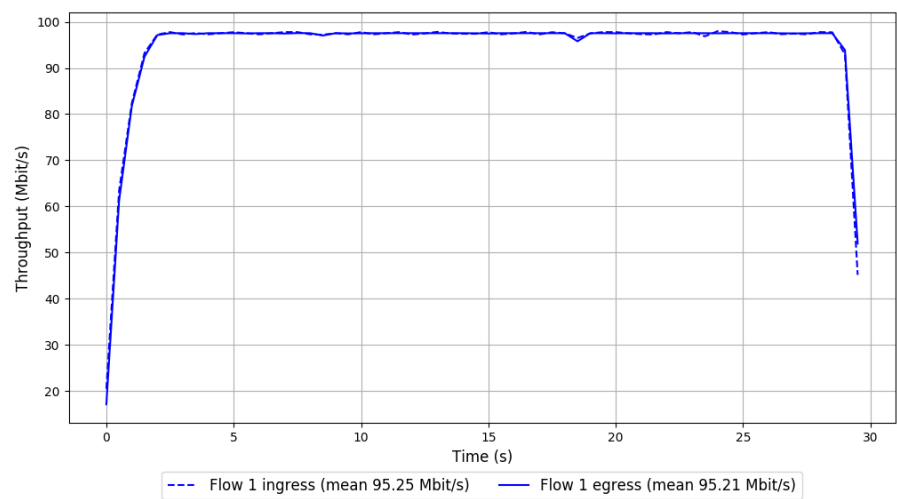


```
Run 1: Statistics of Indigo

Start at: 2017-10-10 20:41:20
End at: 2017-10-10 20:41:50
Local clock offset: 2.704 ms
Remote clock offset: 3.831 ms

# Below is generated by plot.py at 2017-10-11 00:25:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.21 Mbit/s
95th percentile per-packet one-way delay: 39.628 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.21 Mbit/s
95th percentile per-packet one-way delay: 39.628 ms
Loss rate: 0.02%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-10-10 20:59:47

End at: 2017-10-10 21:00:17

Local clock offset: 2.134 ms

Remote clock offset: 3.747 ms

# Below is generated by plot.py at 2017-10-11 00:25:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.78 Mbit/s

95th percentile per-packet one-way delay: 39.668 ms

Loss rate: 0.13%

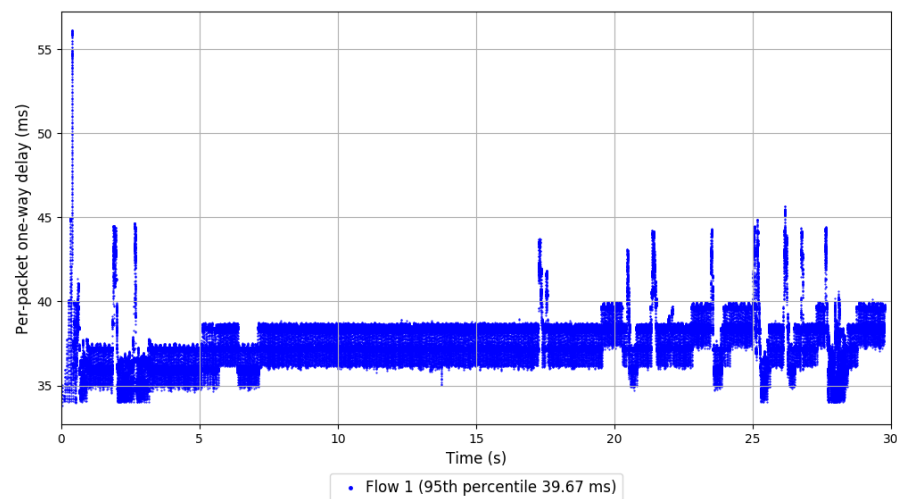
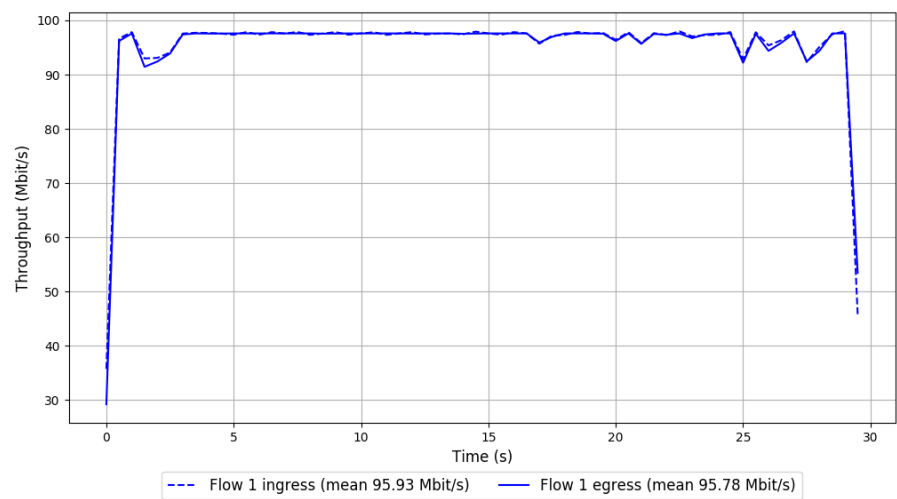
-- Flow 1:

Average throughput: 95.78 Mbit/s

95th percentile per-packet one-way delay: 39.668 ms

Loss rate: 0.13%

Run 2: Report of Indigo — Data Link



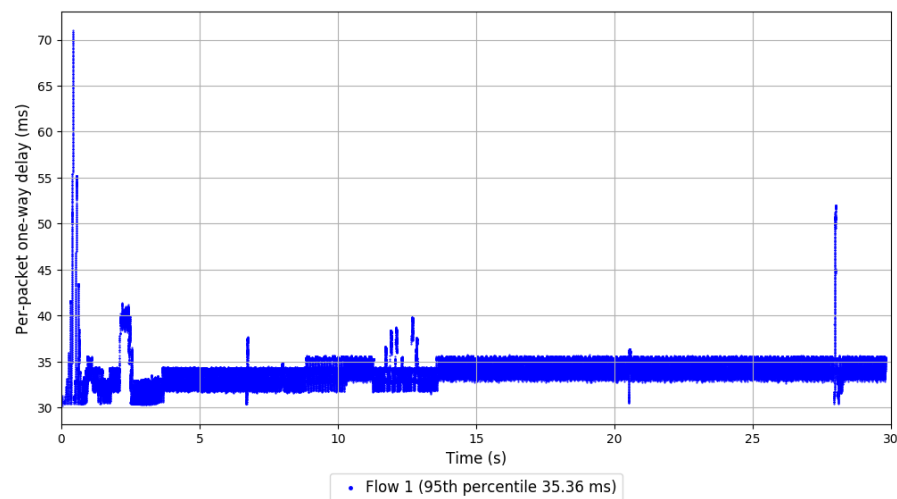
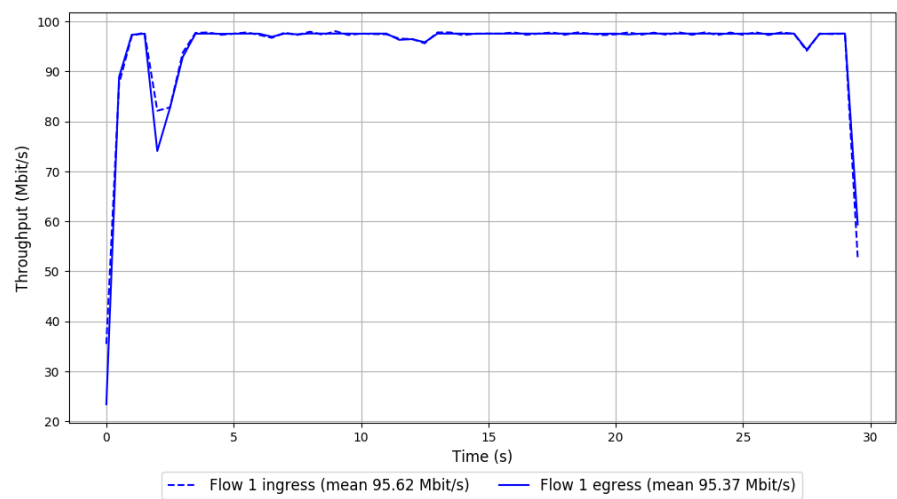
Run 3: Statistics of Indigo

Start at: 2017-10-10 21:18:27  
End at: 2017-10-10 21:18:57  
Local clock offset: 1.83 ms  
Remote clock offset: -0.578 ms

# Below is generated by plot.py at 2017-10-11 00:25:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.37 Mbit/s  
95th percentile per-packet one-way delay: 35.360 ms  
Loss rate: 0.24%  
-- Flow 1:  
Average throughput: 95.37 Mbit/s  
95th percentile per-packet one-way delay: 35.360 ms  
Loss rate: 0.24%



Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-10-10 21:37:04

End at: 2017-10-10 21:37:34

Local clock offset: 1.515 ms

Remote clock offset: -0.489 ms

# Below is generated by plot.py at 2017-10-11 00:25:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 35.578 ms

Loss rate: 0.10%

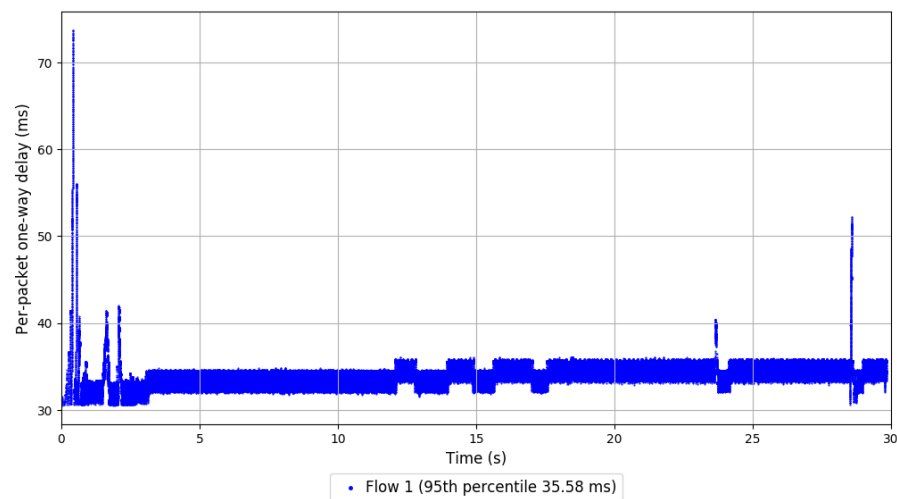
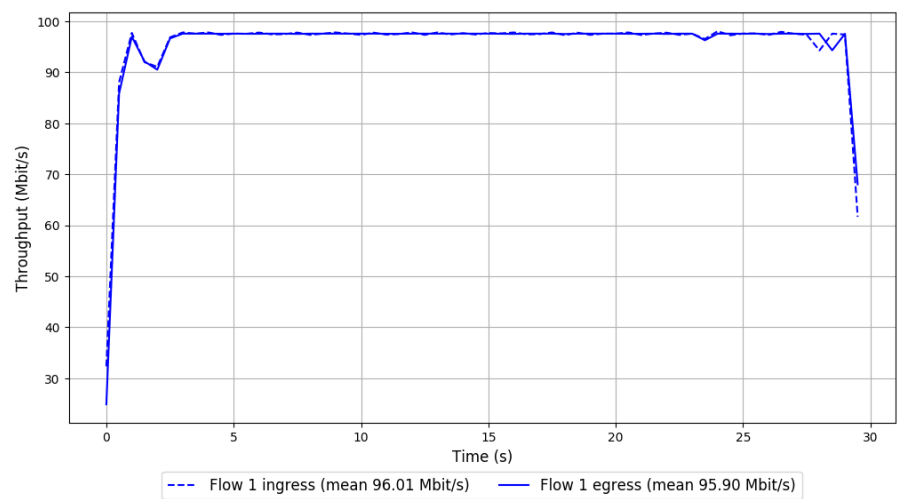
-- Flow 1:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 35.578 ms

Loss rate: 0.10%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-10-10 21:55:42

End at: 2017-10-10 21:56:12

Local clock offset: 1.737 ms

Remote clock offset: -0.537 ms

# Below is generated by plot.py at 2017-10-11 00:25:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.06 Mbit/s

95th percentile per-packet one-way delay: 36.300 ms

Loss rate: 0.08%

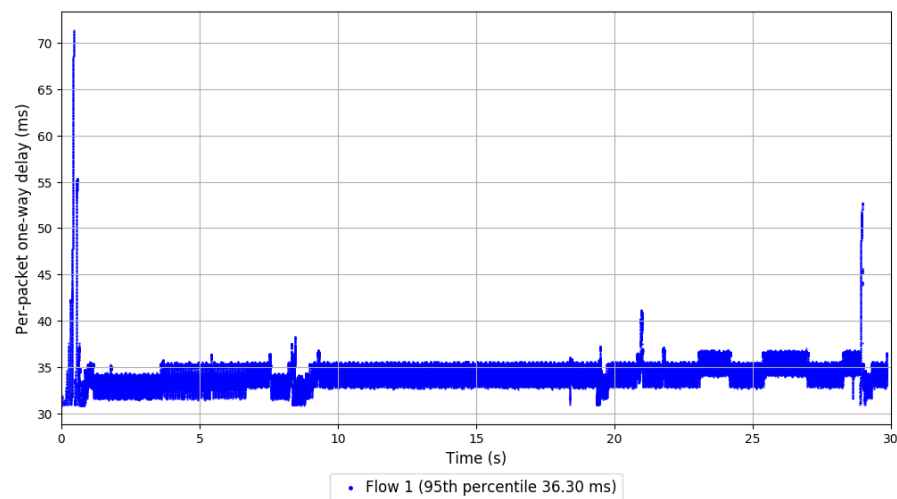
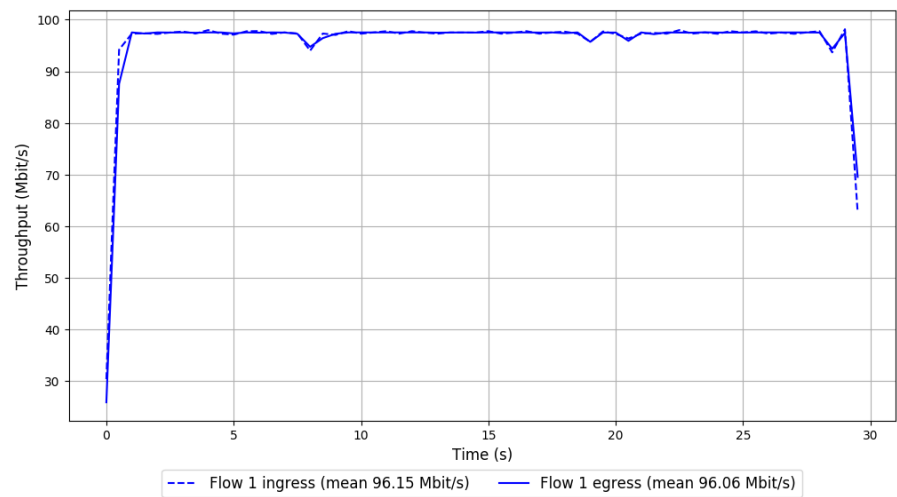
-- Flow 1:

Average throughput: 96.06 Mbit/s

95th percentile per-packet one-way delay: 36.300 ms

Loss rate: 0.08%

Run 5: Report of Indigo — Data Link

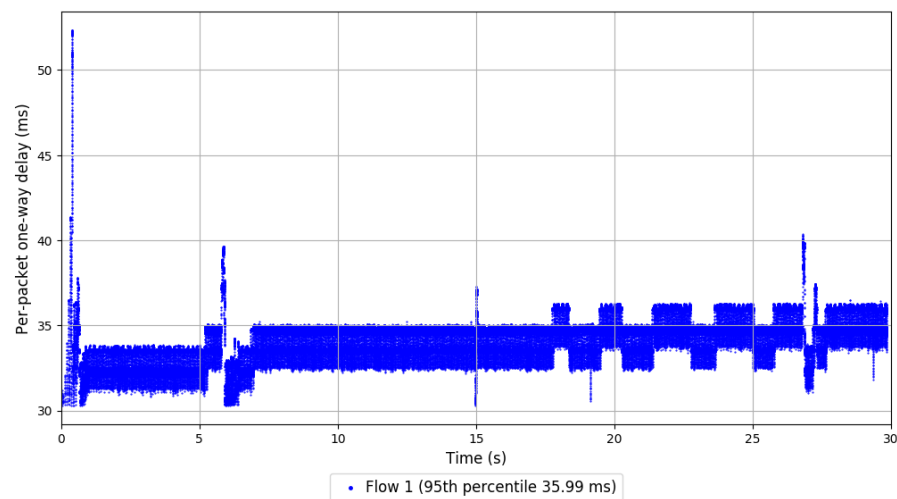
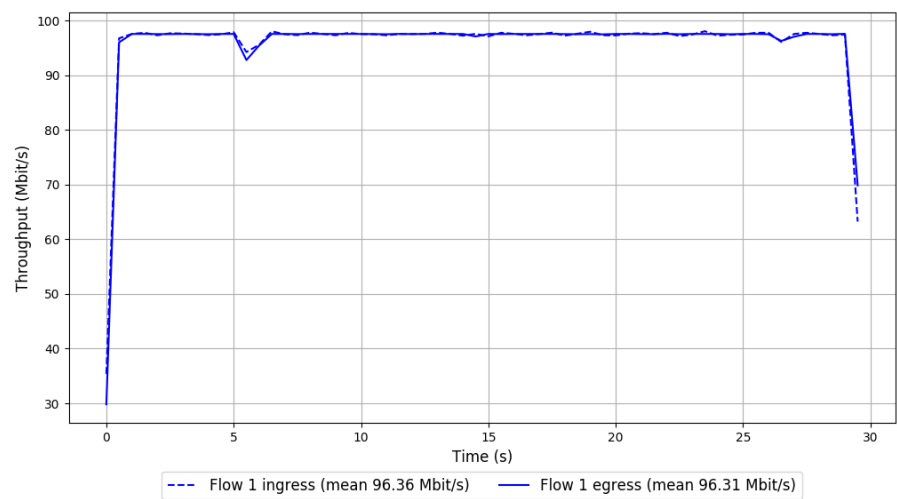


Run 6: Statistics of Indigo

Start at: 2017-10-10 22:14:17  
End at: 2017-10-10 22:14:47  
Local clock offset: 1.742 ms  
Remote clock offset: -1.118 ms

# Below is generated by plot.py at 2017-10-11 00:26:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.31 Mbit/s  
95th percentile per-packet one-way delay: 35.993 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 96.31 Mbit/s  
95th percentile per-packet one-way delay: 35.993 ms  
Loss rate: 0.04%

Run 6: Report of Indigo — Data Link



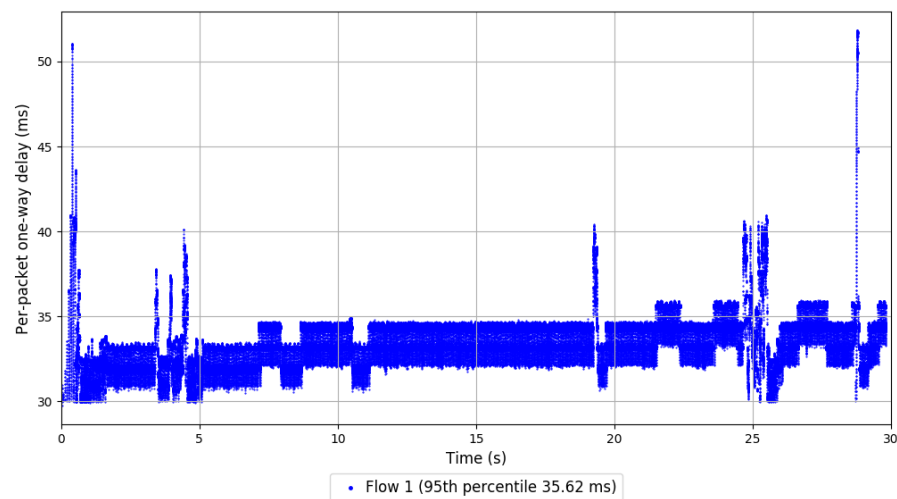
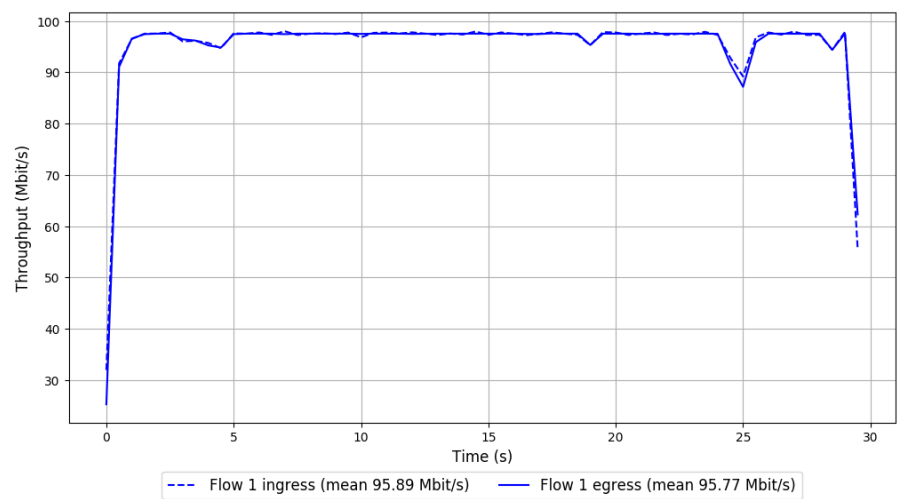
Run 7: Statistics of Indigo

Start at: 2017-10-10 22:32:56  
End at: 2017-10-10 22:33:26  
Local clock offset: 1.716 ms  
Remote clock offset: -1.876 ms

# Below is generated by plot.py at 2017-10-11 00:26:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.77 Mbit/s  
95th percentile per-packet one-way delay: 35.617 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 95.77 Mbit/s  
95th percentile per-packet one-way delay: 35.617 ms  
Loss rate: 0.11%



Run 7: Report of Indigo — Data Link

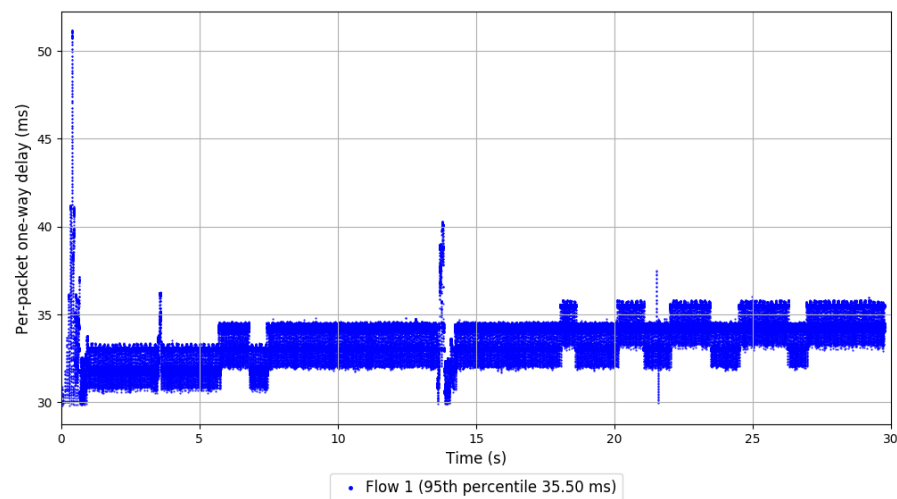
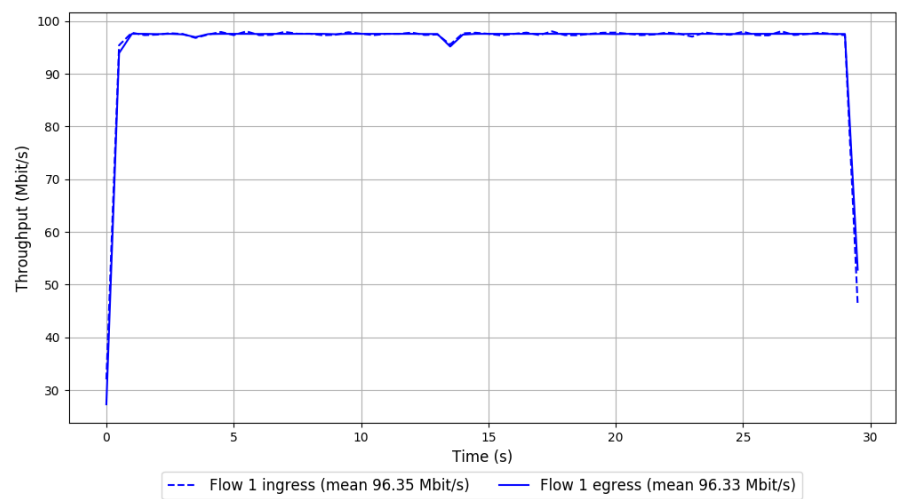


Run 8: Statistics of Indigo

Start at: 2017-10-10 22:51:36  
End at: 2017-10-10 22:52:06  
Local clock offset: 2.056 ms  
Remote clock offset: -1.982 ms

# Below is generated by plot.py at 2017-10-11 00:26:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.33 Mbit/s  
95th percentile per-packet one-way delay: 35.498 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 96.33 Mbit/s  
95th percentile per-packet one-way delay: 35.498 ms  
Loss rate: 0.01%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-10-10 23:10:08

End at: 2017-10-10 23:10:38

Local clock offset: 2.426 ms

Remote clock offset: -2.048 ms

# Below is generated by plot.py at 2017-10-11 00:26:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 35.446 ms

Loss rate: 0.01%

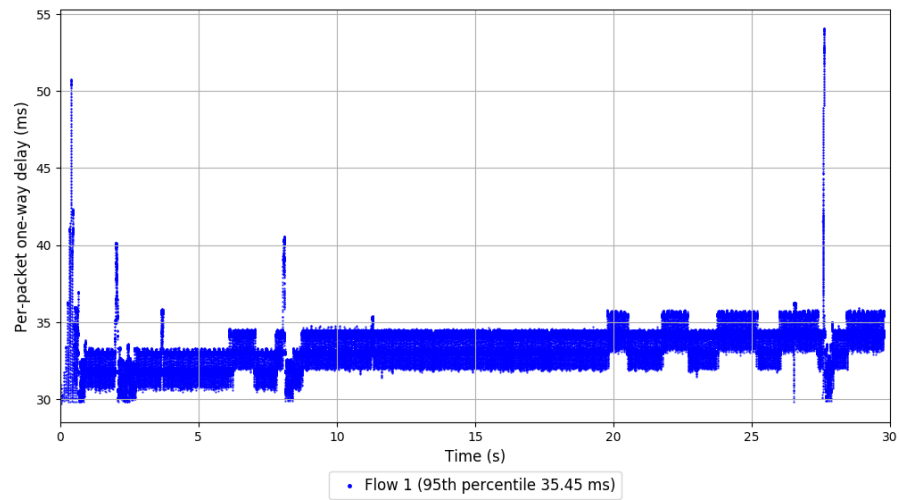
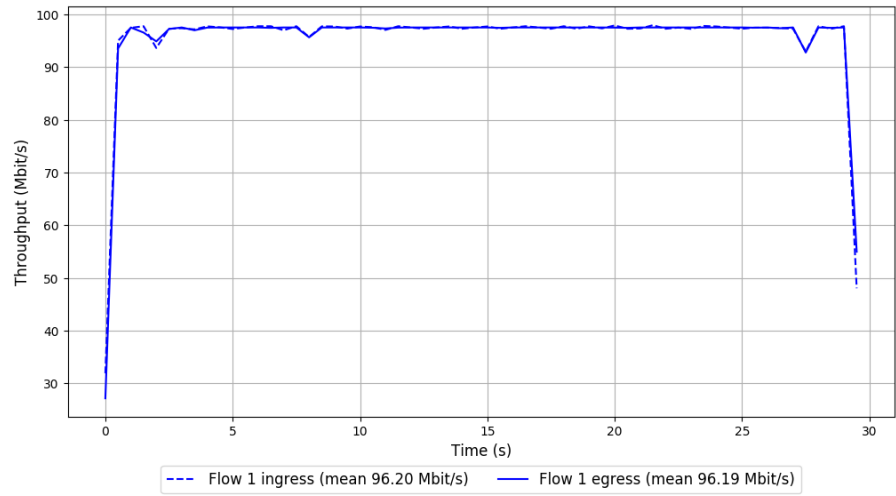
-- Flow 1:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 35.446 ms

Loss rate: 0.01%

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



Run 10: Statistics of Indigo

Start at: 2017-10-10 23:28:37

End at: 2017-10-10 23:29:07

Local clock offset: 2.557 ms

Remote clock offset: -3.886 ms

# Below is generated by plot.py at 2017-10-11 00:26:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.36 Mbit/s

95th percentile per-packet one-way delay: 33.448 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 96.36 Mbit/s

95th percentile per-packet one-way delay: 33.448 ms

Loss rate: 0.02%

Run 10: Report of Indigo — Data Link

