

Pantheon Report

Generated at 2017-12-11 17:47:16 (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).

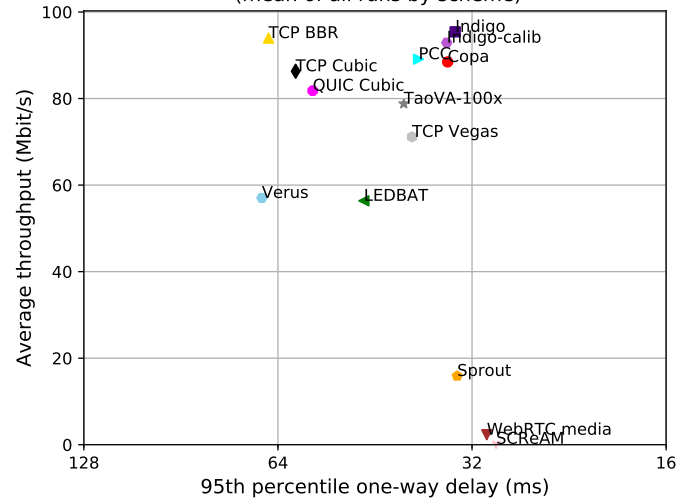
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

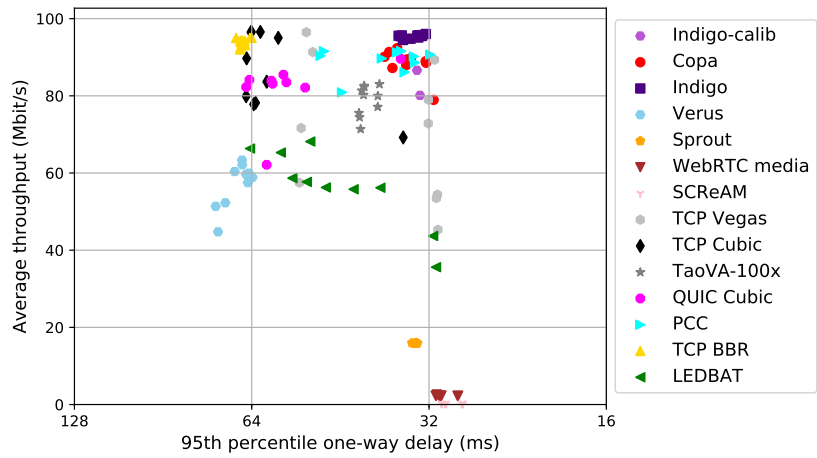
Git summary:

```
branch: indigos @ e3a57ad5ac5cfcaca0e3f983c8dd4cc3509e0262
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ b5b7c38e8391001927dc41c6cfa2627d03dde737
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-quick @ 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	93.97	66.20	22.77
TCP Cubic	10	86.31	60.09	0.28
LEDBAT	10	56.37	47.09	0.07
PCC	10	89.10	38.74	0.55
QUIC Cubic	9	81.81	56.52	0.72
SCReAM	10	0.22	29.37	0.00
WebRTC media	10	2.31	30.36	0.02
Sprout	9	15.89	33.74	0.05
TaoVA-100x	10	78.80	40.84	0.05
TCP Vegas	10	71.14	39.64	0.41
Verus	10	57.03	67.79	44.48
Copa	10	88.47	34.91	0.05
Indigo	10	95.42	33.98	0.08
Indigo-calib	10	92.91	35.02	0.06

Run 1: Statistics of TCP BBR

Start at: 2017-12-11 13:57:56

End at: 2017-12-11 13:58:26

Local clock offset: 1.325 ms

Remote clock offset: -2.358 ms

Below is generated by plot.py at 2017-12-11 17:29:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.15 Mbit/s

95th percentile per-packet one-way delay: 65.633 ms

Loss rate: 22.48%

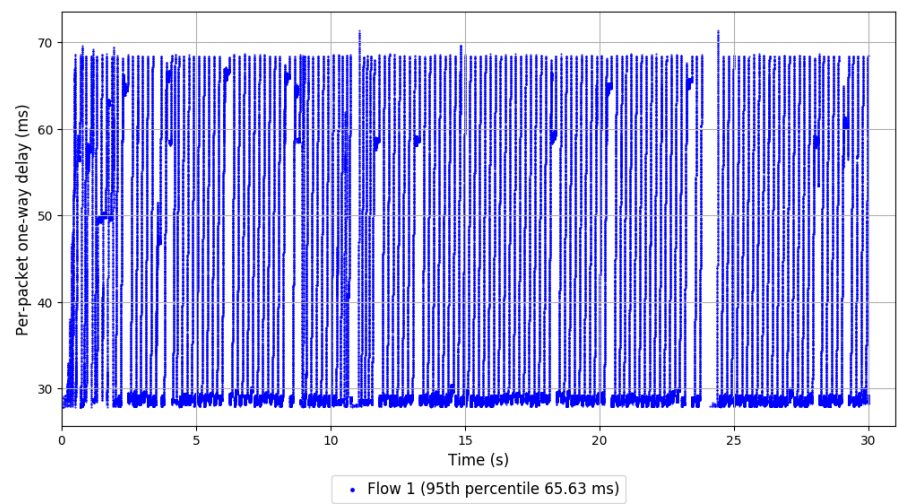
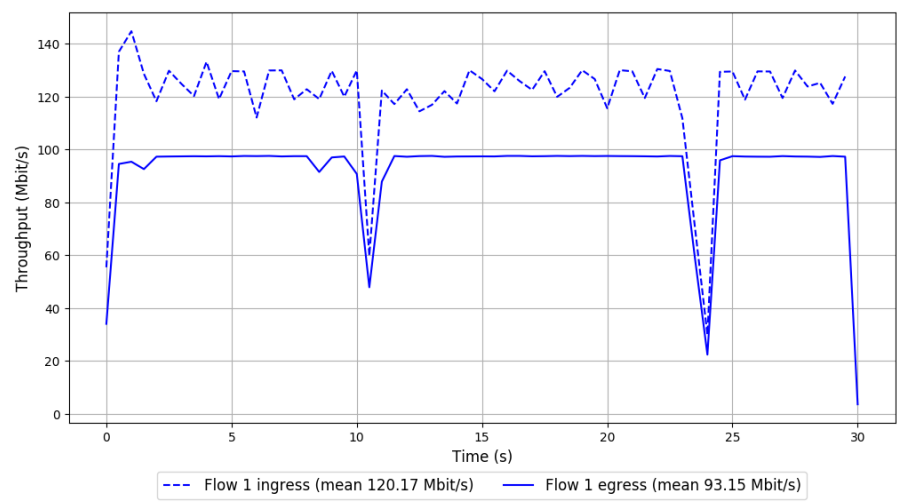
-- Flow 1:

Average throughput: 93.15 Mbit/s

95th percentile per-packet one-way delay: 65.633 ms

Loss rate: 22.48%

Run 1: Report of TCP BBR — Data Link

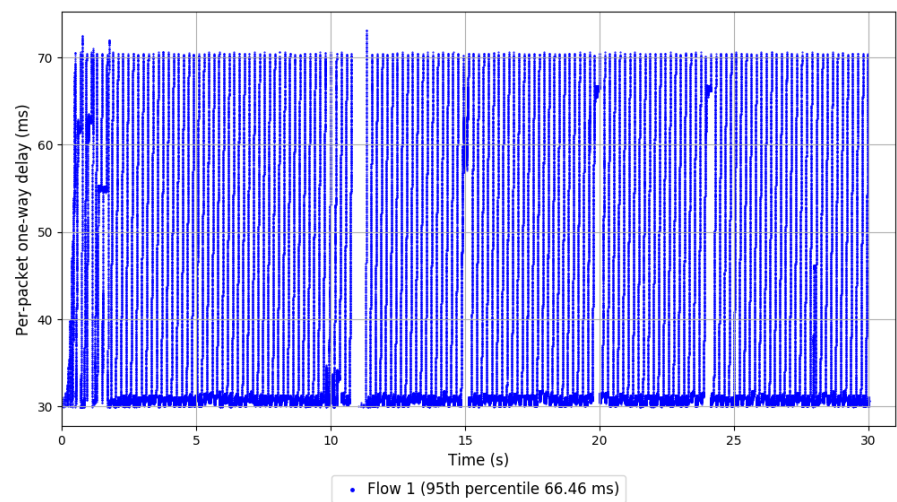
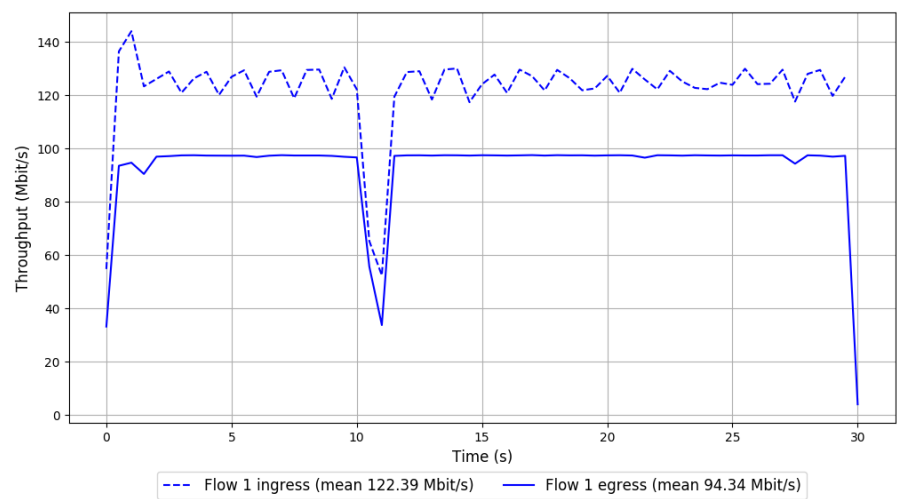


Run 2: Statistics of TCP BBR

Start at: 2017-12-11 14:16:51
End at: 2017-12-11 14:17:21
Local clock offset: 1.294 ms
Remote clock offset: -0.565 ms

Below is generated by plot.py at 2017-12-11 17:29:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 66.461 ms
Loss rate: 22.92%
-- Flow 1:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 66.461 ms
Loss rate: 22.92%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-12-11 14:36:11

End at: 2017-12-11 14:36:41

Local clock offset: 1.289 ms

Remote clock offset: -1.03 ms

Below is generated by plot.py at 2017-12-11 17:29:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.30 Mbit/s

95th percentile per-packet one-way delay: 65.833 ms

Loss rate: 22.93%

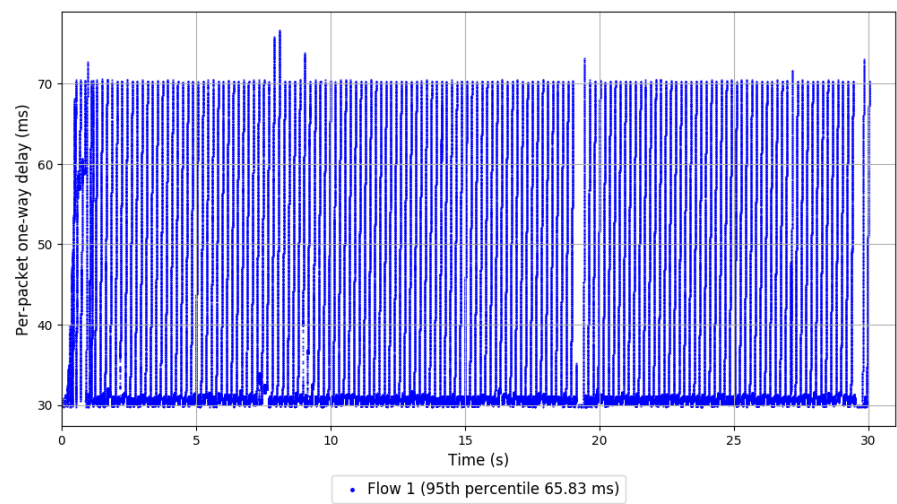
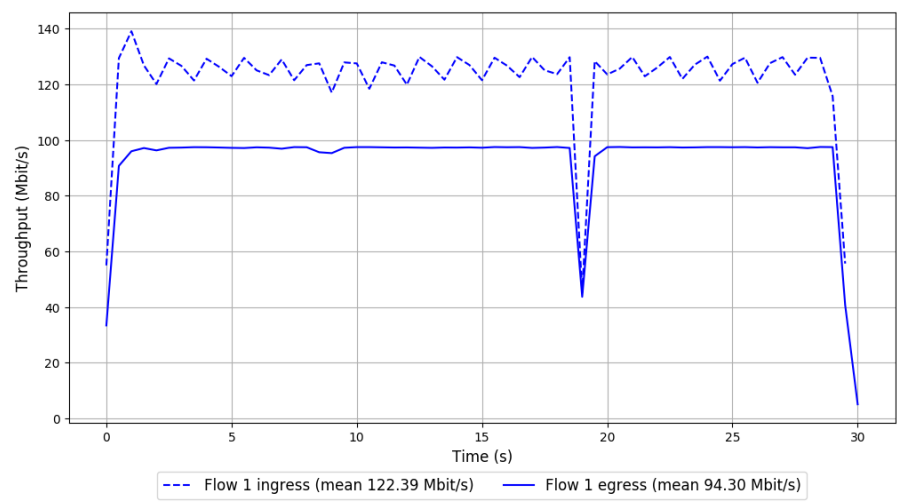
-- Flow 1:

Average throughput: 94.30 Mbit/s

95th percentile per-packet one-way delay: 65.833 ms

Loss rate: 22.93%

Run 3: Report of TCP BBR — Data Link

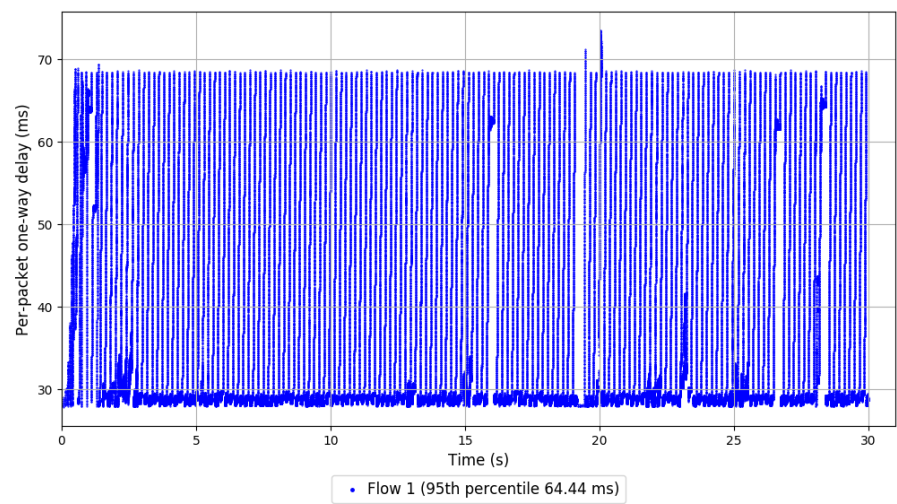
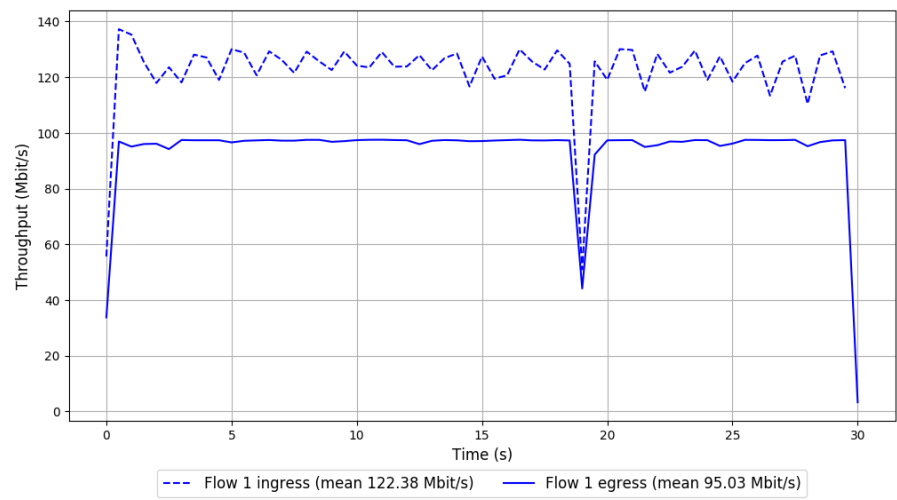


Run 4: Statistics of TCP BBR

Start at: 2017-12-11 14:55:17
End at: 2017-12-11 14:55:47
Local clock offset: 1.013 ms
Remote clock offset: -3.179 ms

Below is generated by plot.py at 2017-12-11 17:29:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 64.441 ms
Loss rate: 22.35%
-- Flow 1:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 64.441 ms
Loss rate: 22.35%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-12-11 15:14:54

End at: 2017-12-11 15:15:24

Local clock offset: 0.802 ms

Remote clock offset: -1.279 ms

Below is generated by plot.py at 2017-12-11 17:29:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.87 Mbit/s

95th percentile per-packet one-way delay: 66.778 ms

Loss rate: 22.86%

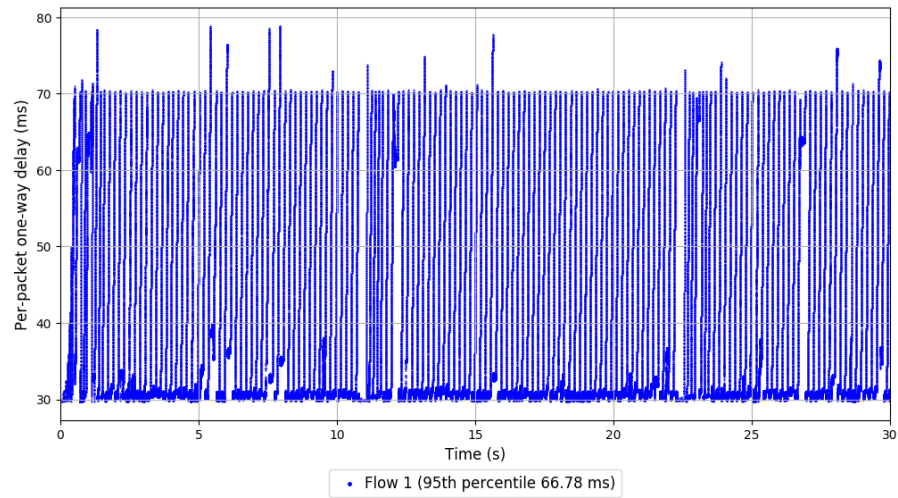
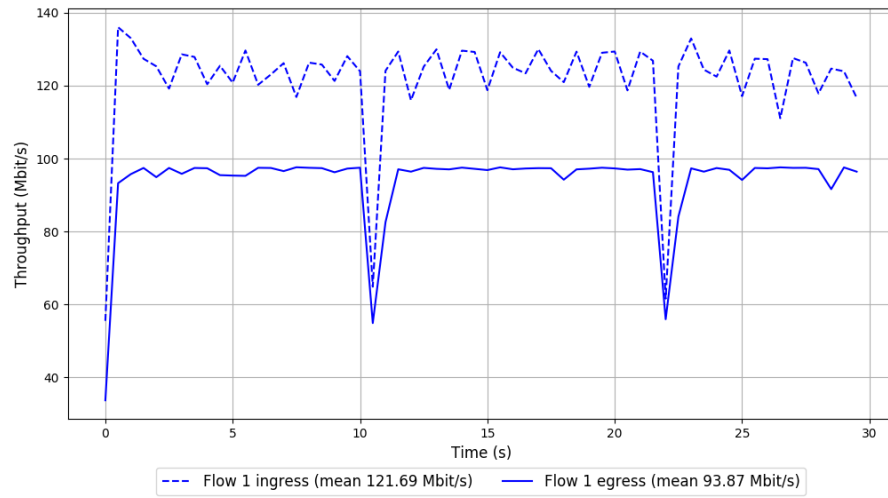
-- Flow 1:

Average throughput: 93.87 Mbit/s

95th percentile per-packet one-way delay: 66.778 ms

Loss rate: 22.86%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2017-12-11 15:33:58

End at: 2017-12-11 15:34:28

Local clock offset: 0.62 ms

Remote clock offset: -0.642 ms

Below is generated by plot.py at 2017-12-11 17:29:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.74 Mbit/s

95th percentile per-packet one-way delay: 66.806 ms

Loss rate: 23.28%

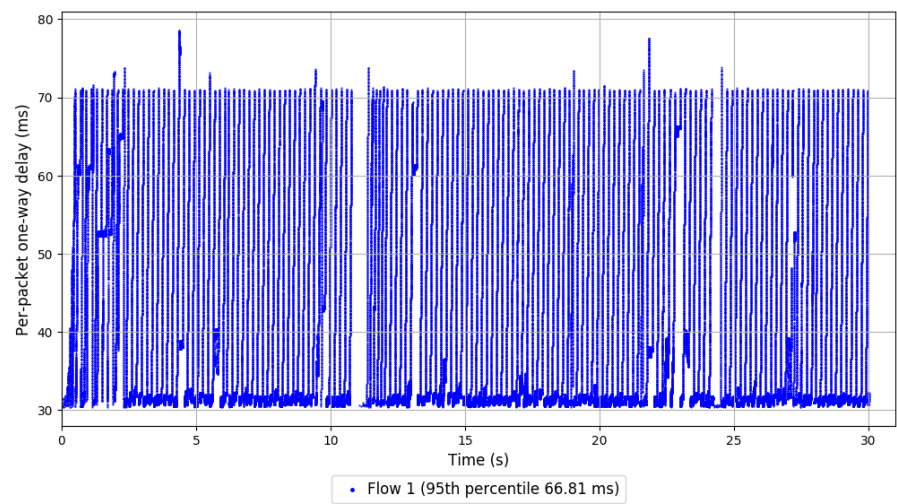
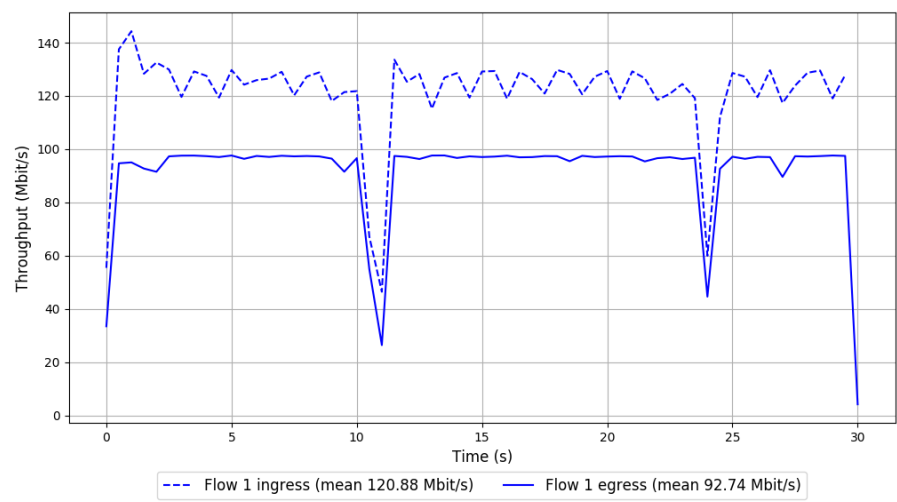
-- Flow 1:

Average throughput: 92.74 Mbit/s

95th percentile per-packet one-way delay: 66.806 ms

Loss rate: 23.28%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2017-12-11 15:52:53

End at: 2017-12-11 15:53:23

Local clock offset: 0.45 ms

Remote clock offset: -3.25 ms

Below is generated by plot.py at 2017-12-11 17:29:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.01 Mbit/s

95th percentile per-packet one-way delay: 64.035 ms

Loss rate: 22.46%

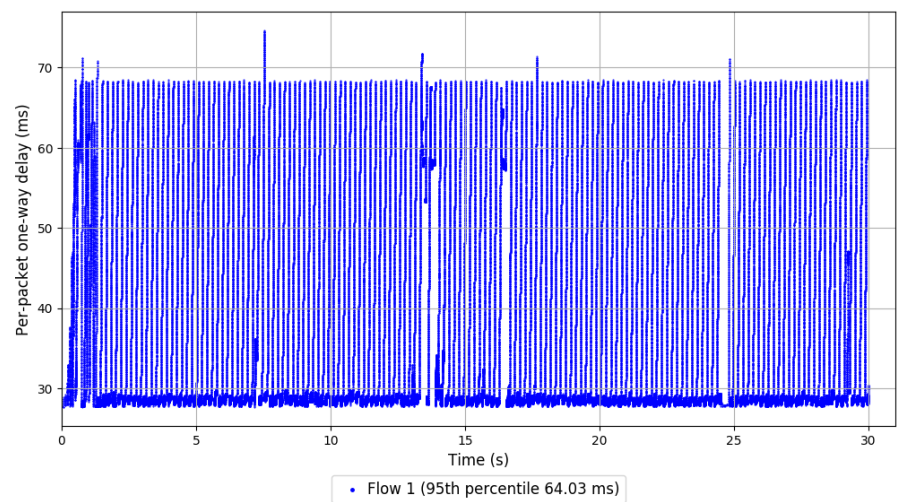
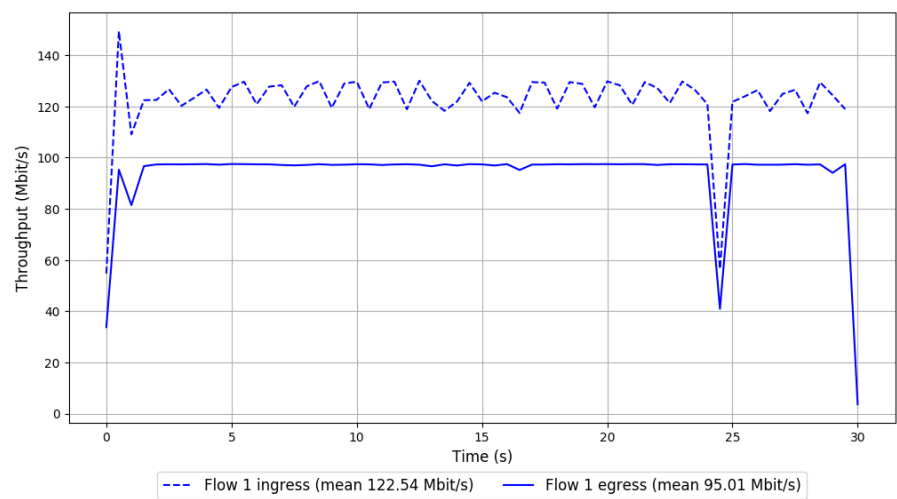
-- Flow 1:

Average throughput: 95.01 Mbit/s

95th percentile per-packet one-way delay: 64.035 ms

Loss rate: 22.46%

Run 7: Report of TCP BBR — Data Link

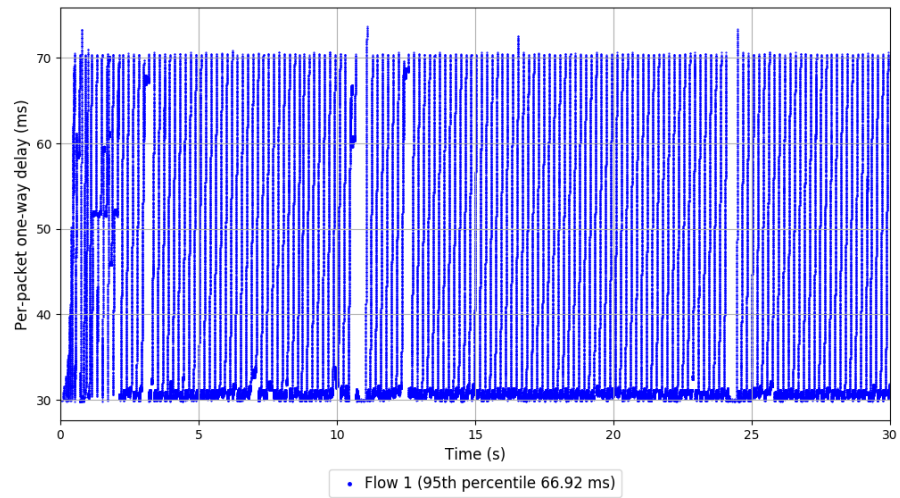
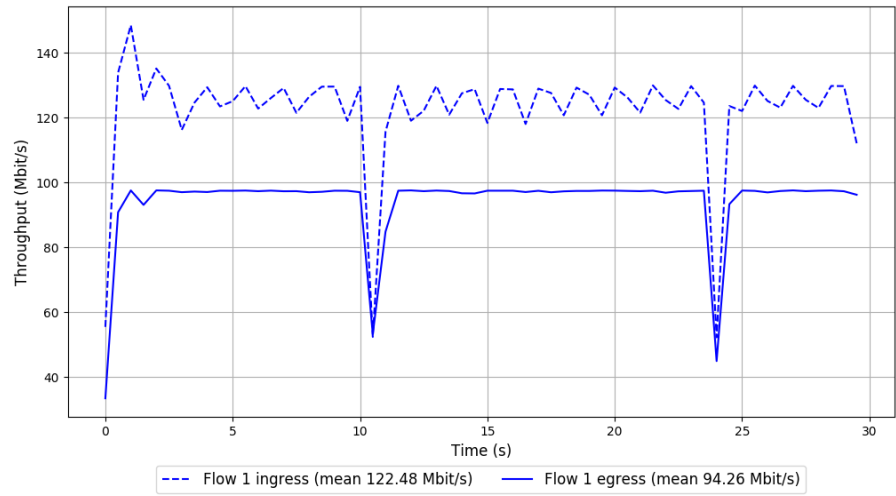


Run 8: Statistics of TCP BBR

Start at: 2017-12-11 16:11:45
End at: 2017-12-11 16:12:15
Local clock offset: 0.305 ms
Remote clock offset: -0.912 ms

Below is generated by plot.py at 2017-12-11 17:29:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.26 Mbit/s
95th percentile per-packet one-way delay: 66.924 ms
Loss rate: 23.04%
-- Flow 1:
Average throughput: 94.26 Mbit/s
95th percentile per-packet one-way delay: 66.924 ms
Loss rate: 23.04%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-12-11 16:30:56

End at: 2017-12-11 16:31:26

Local clock offset: 0.249 ms

Remote clock offset: -0.176 ms

Below is generated by plot.py at 2017-12-11 17:30:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.99 Mbit/s

95th percentile per-packet one-way delay: 68.032 ms

Loss rate: 22.92%

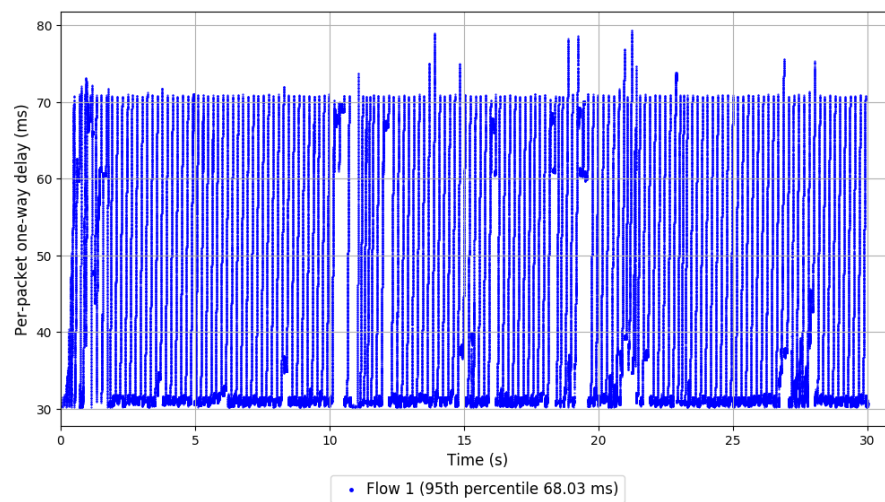
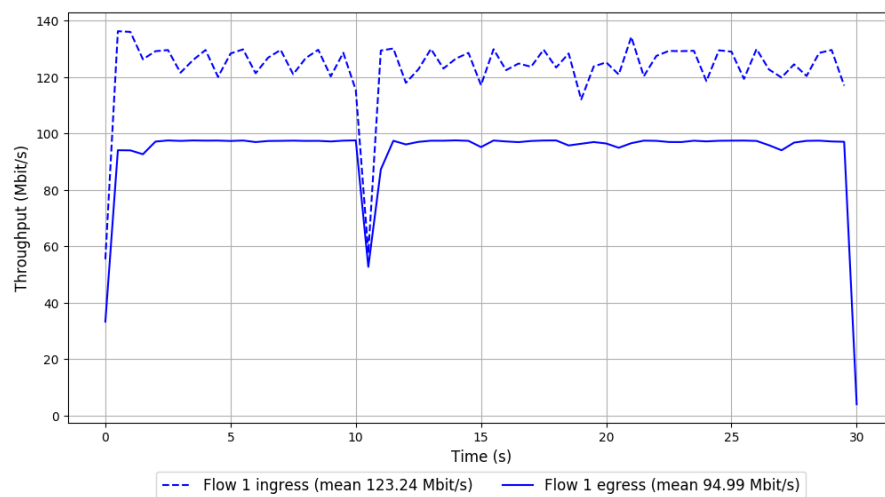
-- Flow 1:

Average throughput: 94.99 Mbit/s

95th percentile per-packet one-way delay: 68.032 ms

Loss rate: 22.92%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-12-11 16:49:58

End at: 2017-12-11 16:50:28

Local clock offset: 0.217 ms

Remote clock offset: -0.152 ms

Below is generated by plot.py at 2017-12-11 17:30:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.01 Mbit/s

95th percentile per-packet one-way delay: 67.015 ms

Loss rate: 22.46%

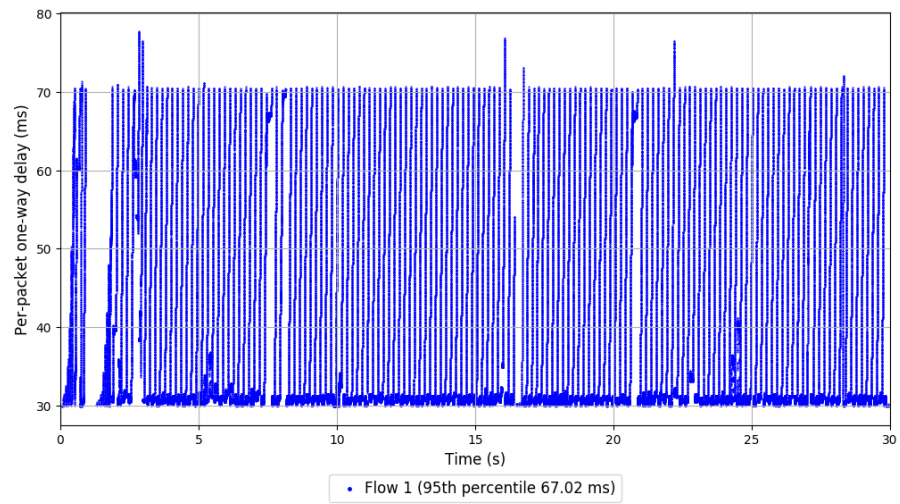
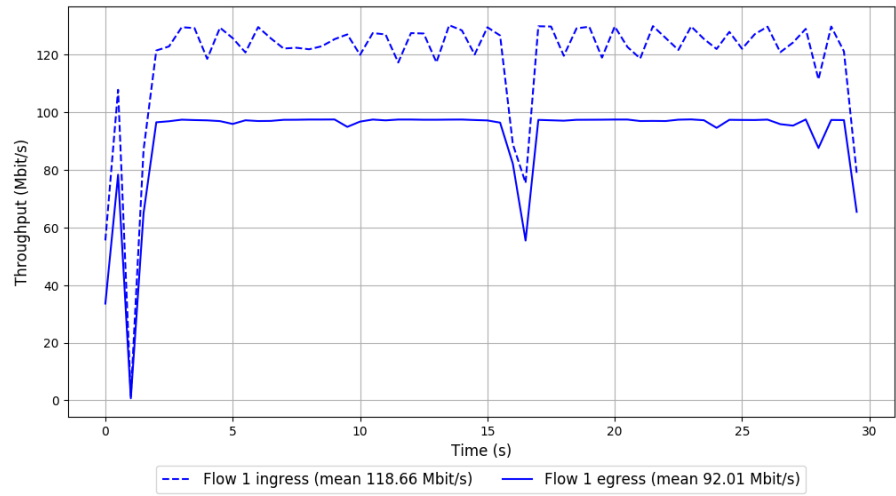
-- Flow 1:

Average throughput: 92.01 Mbit/s

95th percentile per-packet one-way delay: 67.015 ms

Loss rate: 22.46%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-12-11 14:00:37

End at: 2017-12-11 14:01:07

Local clock offset: 1.44 ms

Remote clock offset: 0.042 ms

Below is generated by plot.py at 2017-12-11 17:30:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.22 Mbit/s

95th percentile per-packet one-way delay: 35.393 ms

Loss rate: 0.21%

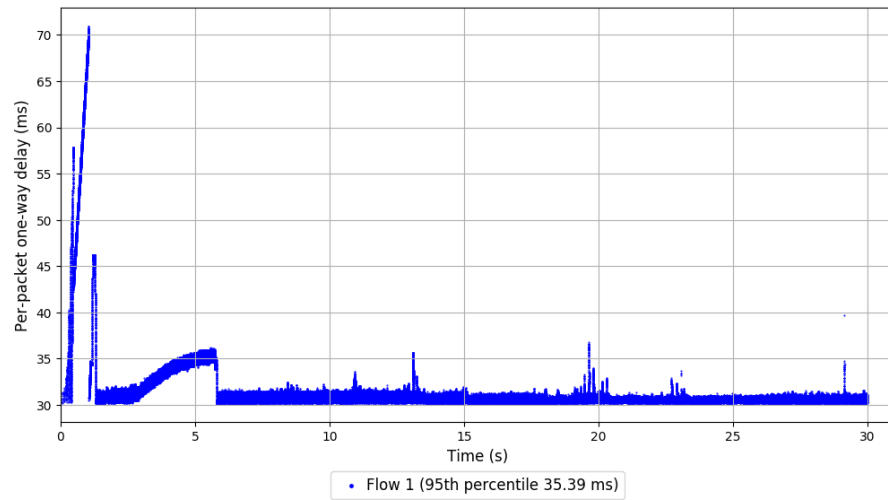
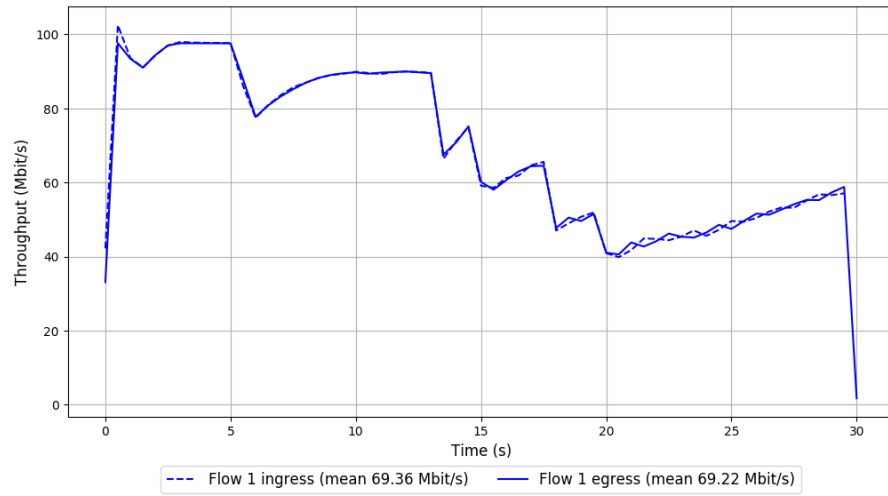
-- Flow 1:

Average throughput: 69.22 Mbit/s

95th percentile per-packet one-way delay: 35.393 ms

Loss rate: 0.21%

Run 1: Report of TCP Cubic — Data Link

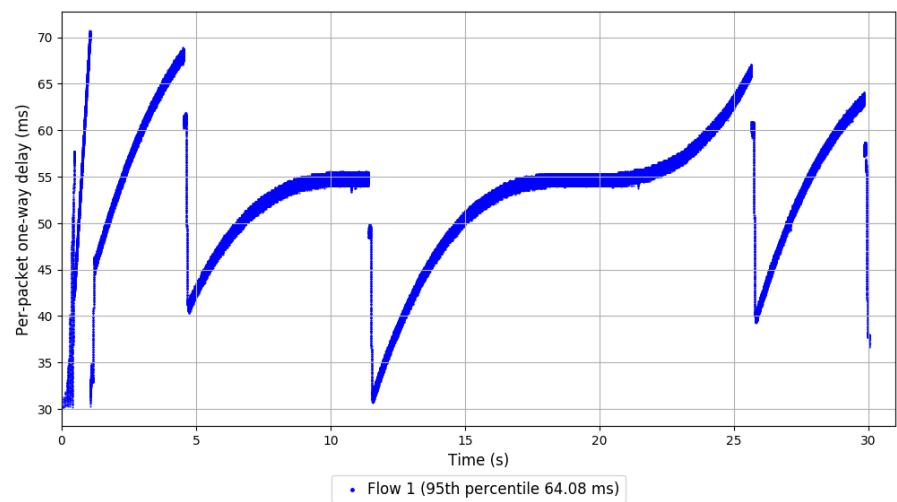
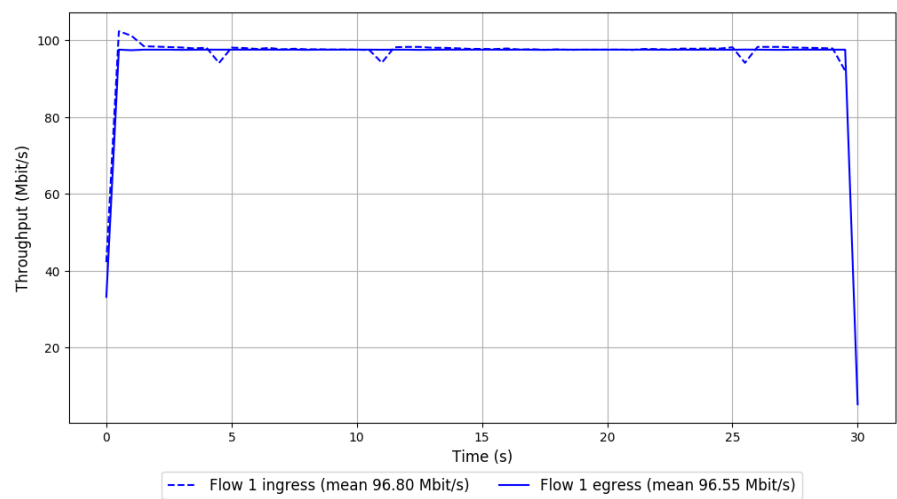


Run 2: Statistics of TCP Cubic

Start at: 2017-12-11 14:19:36
End at: 2017-12-11 14:20:06
Local clock offset: 1.316 ms
Remote clock offset: -0.304 ms

Below is generated by plot.py at 2017-12-11 17:30:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 64.077 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 64.077 ms
Loss rate: 0.23%

Run 2: Report of TCP Cubic — Data Link

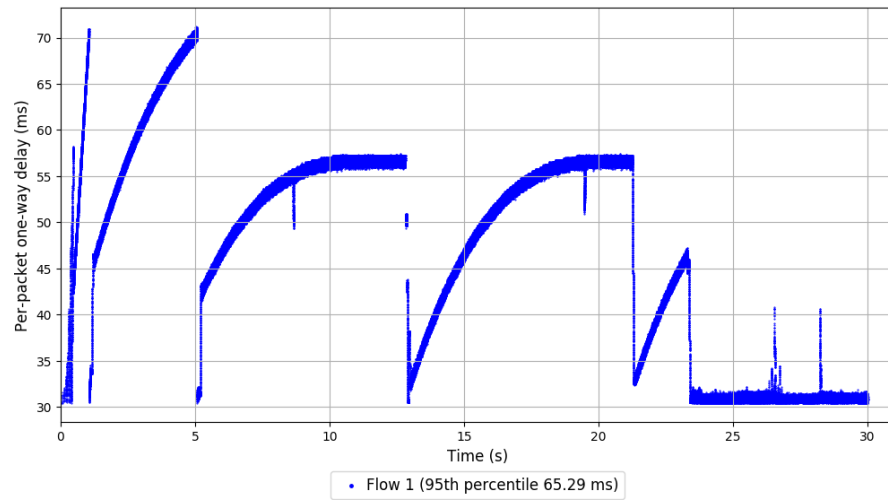
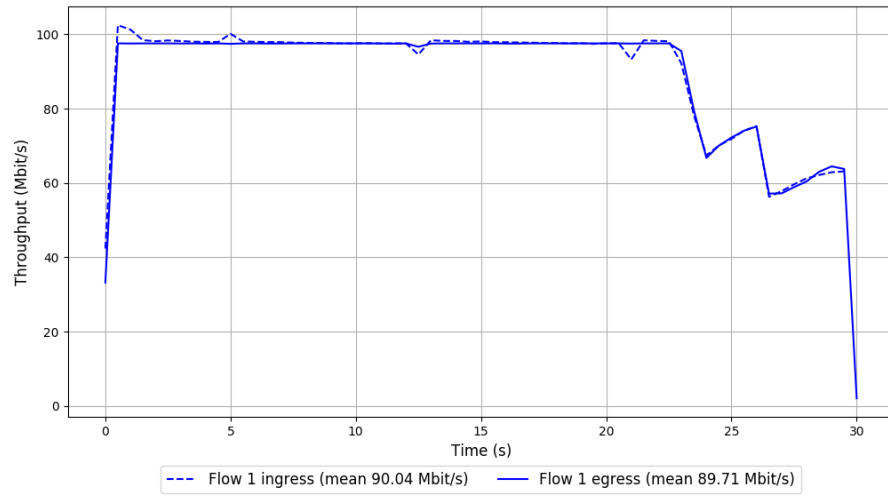


Run 3: Statistics of TCP Cubic

Start at: 2017-12-11 14:38:54
End at: 2017-12-11 14:39:24
Local clock offset: 1.175 ms
Remote clock offset: -0.506 ms

Below is generated by plot.py at 2017-12-11 17:30:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 65.288 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 65.288 ms
Loss rate: 0.36%

Run 3: Report of TCP Cubic — Data Link

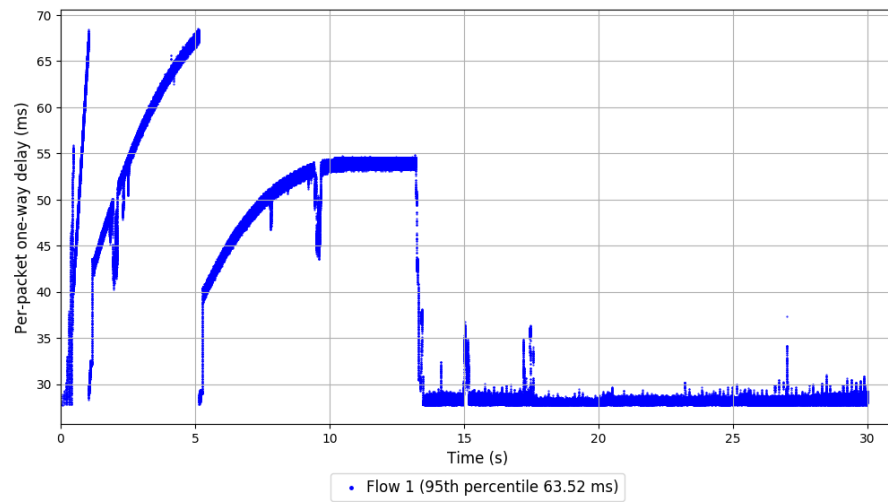
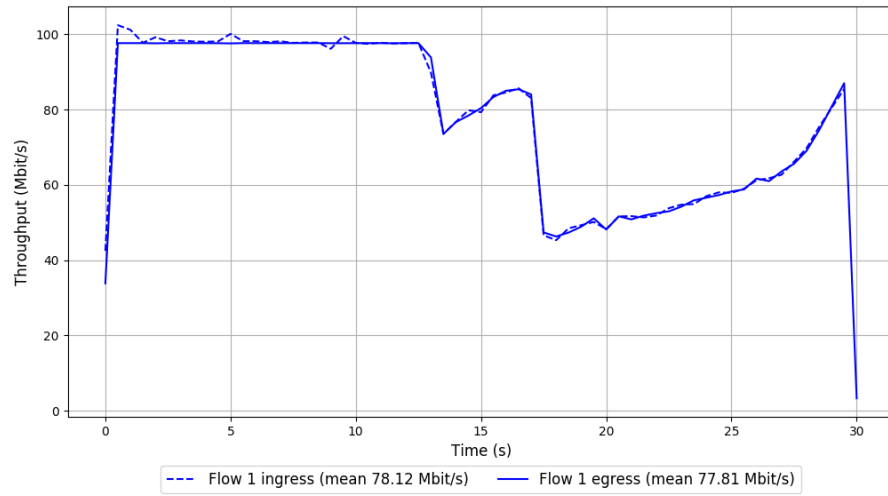


Run 4: Statistics of TCP Cubic

Start at: 2017-12-11 14:58:07
End at: 2017-12-11 14:58:37
Local clock offset: 1.07 ms
Remote clock offset: -3.244 ms

Below is generated by plot.py at 2017-12-11 17:30:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.81 Mbit/s
95th percentile per-packet one-way delay: 63.516 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 77.81 Mbit/s
95th percentile per-packet one-way delay: 63.516 ms
Loss rate: 0.39%

Run 4: Report of TCP Cubic — Data Link

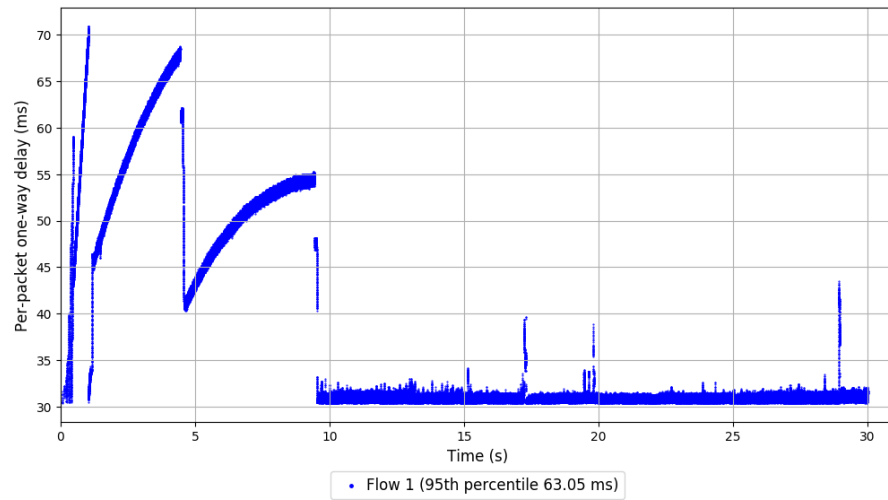
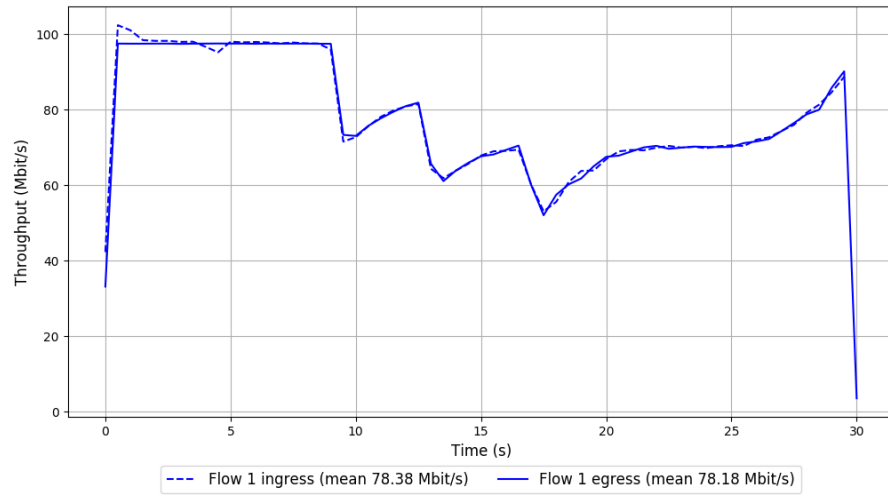


Run 5: Statistics of TCP Cubic

Start at: 2017-12-11 15:17:38
End at: 2017-12-11 15:18:08
Local clock offset: 0.667 ms
Remote clock offset: -0.689 ms

Below is generated by plot.py at 2017-12-11 17:30:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.18 Mbit/s
95th percentile per-packet one-way delay: 63.048 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 78.18 Mbit/s
95th percentile per-packet one-way delay: 63.048 ms
Loss rate: 0.26%

Run 5: Report of TCP Cubic — Data Link

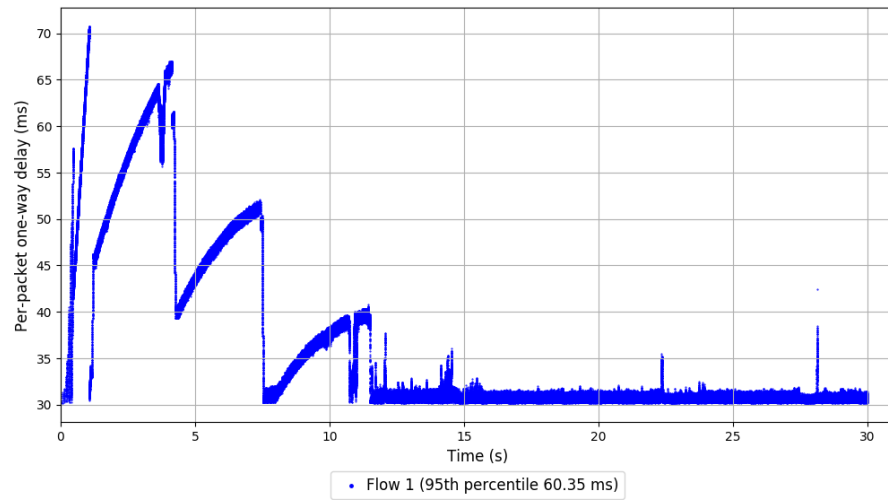
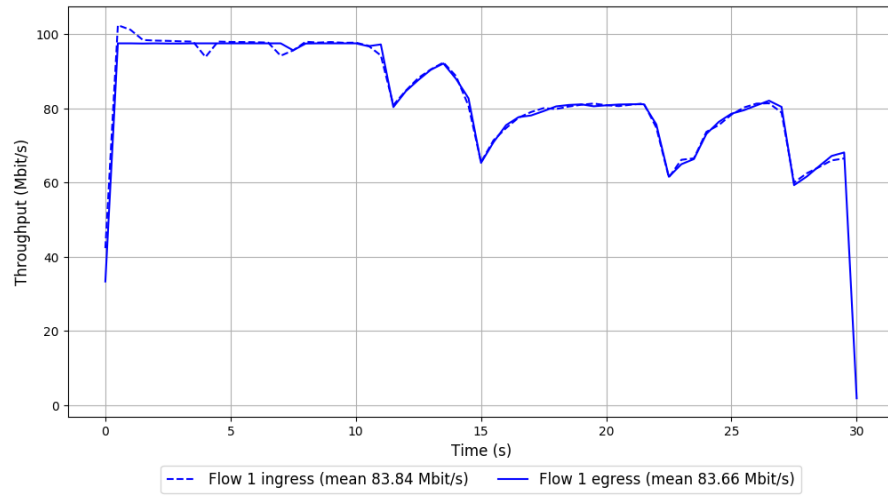


Run 6: Statistics of TCP Cubic

Start at: 2017-12-11 15:36:41
End at: 2017-12-11 15:37:11
Local clock offset: 0.626 ms
Remote clock offset: -0.818 ms

Below is generated by plot.py at 2017-12-11 17:30:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.66 Mbit/s
95th percentile per-packet one-way delay: 60.350 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 83.66 Mbit/s
95th percentile per-packet one-way delay: 60.350 ms
Loss rate: 0.22%

Run 6: Report of TCP Cubic — Data Link

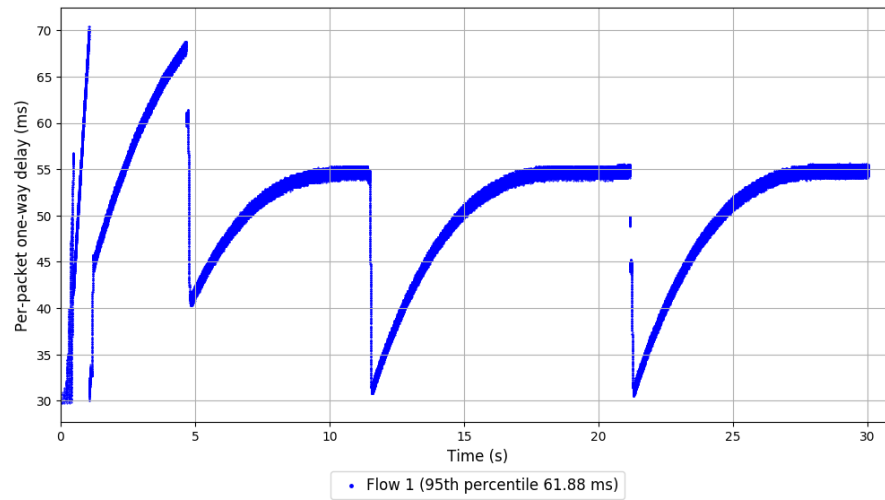
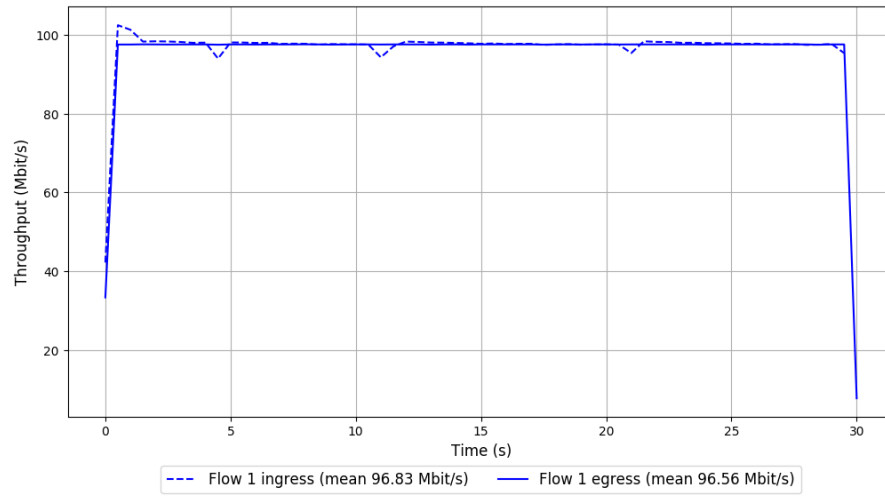


Run 7: Statistics of TCP Cubic

Start at: 2017-12-11 15:55:36
End at: 2017-12-11 15:56:06
Local clock offset: 0.468 ms
Remote clock offset: -1.199 ms

Below is generated by plot.py at 2017-12-11 17:31:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: 61.876 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: 61.876 ms
Loss rate: 0.21%

Run 7: Report of TCP Cubic — Data Link

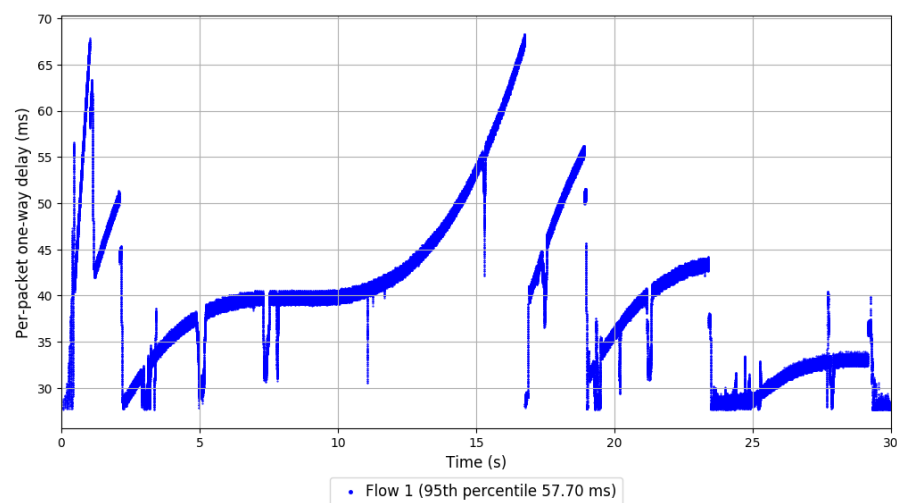
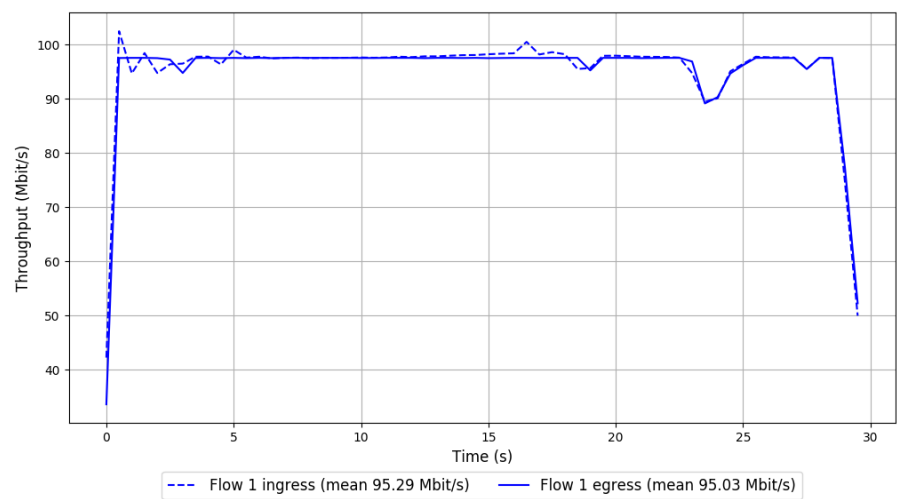


Run 8: Statistics of TCP Cubic

Start at: 2017-12-11 16:14:26
End at: 2017-12-11 16:14:56
Local clock offset: 0.425 ms
Remote clock offset: -2.902 ms

Below is generated by plot.py at 2017-12-11 17:31:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 57.695 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 57.695 ms
Loss rate: 0.27%

Run 8: Report of TCP Cubic — Data Link

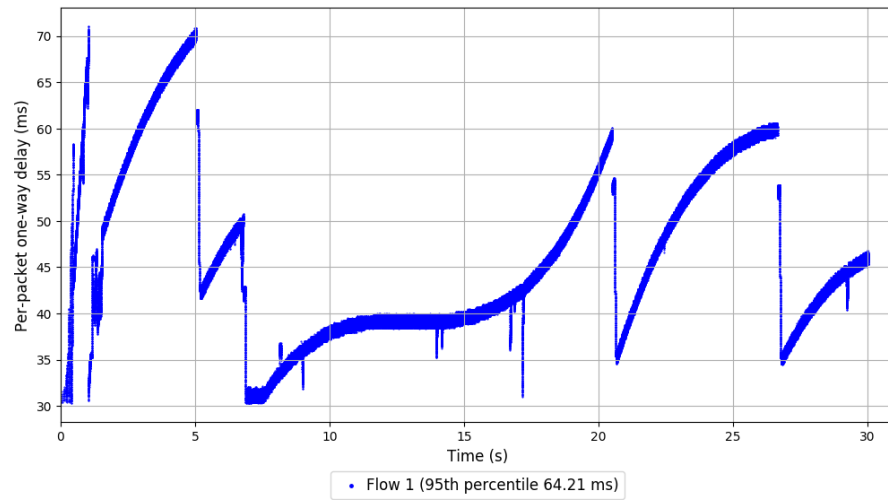
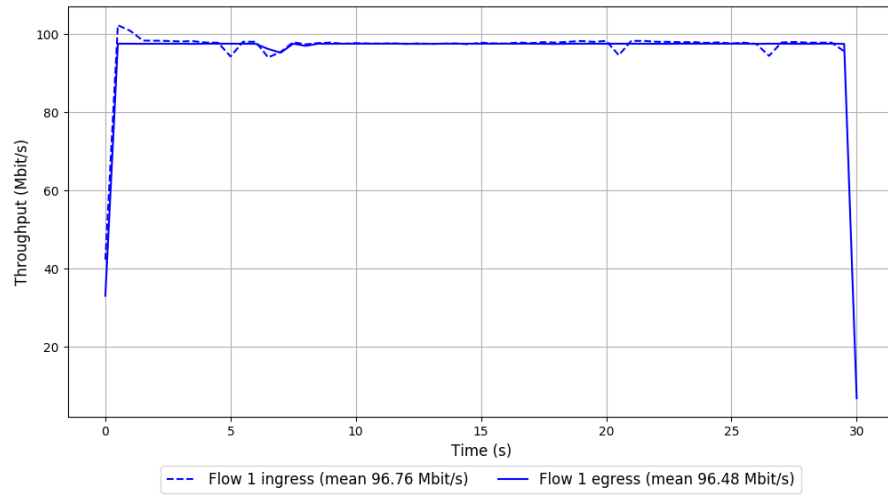


Run 9: Statistics of TCP Cubic

Start at: 2017-12-11 16:33:40
End at: 2017-12-11 16:34:10
Local clock offset: 0.337 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2017-12-11 17:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 64.206 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 96.48 Mbit/s
95th percentile per-packet one-way delay: 64.206 ms
Loss rate: 0.23%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-12-11 16:52:39

End at: 2017-12-11 16:53:09

Local clock offset: 0.32 ms

Remote clock offset: -0.217 ms

Below is generated by plot.py at 2017-12-11 17:31:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.91 Mbit/s

95th percentile per-packet one-way delay: 65.412 ms

Loss rate: 0.47%

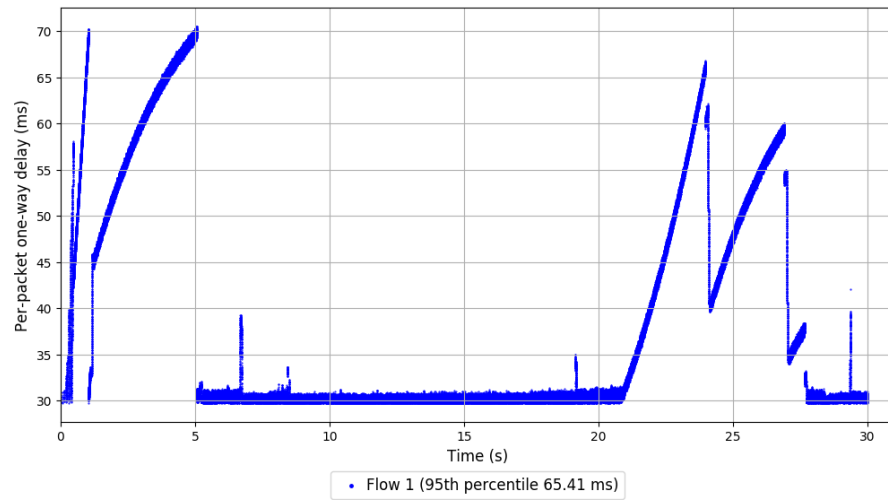
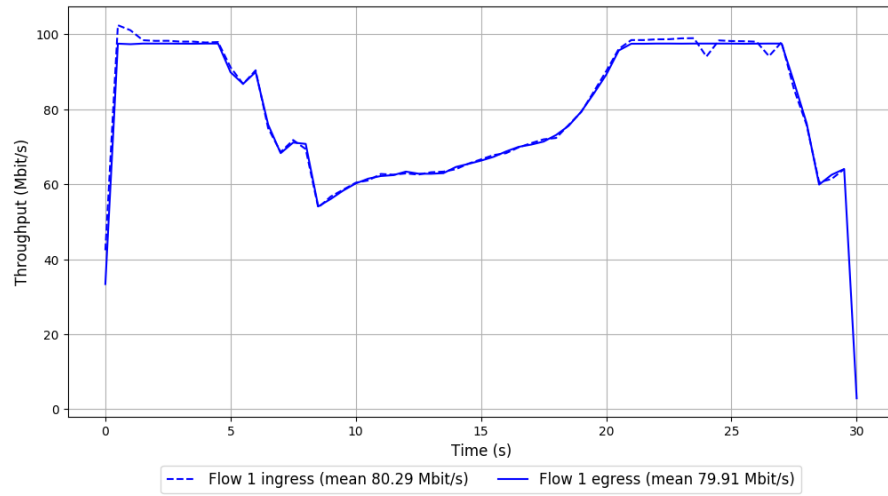
-- Flow 1:

Average throughput: 79.91 Mbit/s

95th percentile per-packet one-way delay: 65.412 ms

Loss rate: 0.47%

Run 10: Report of TCP Cubic — Data Link

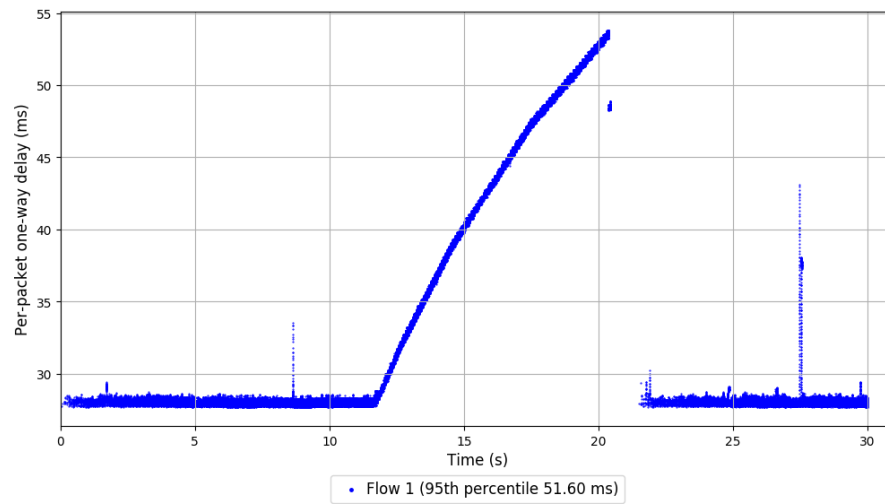
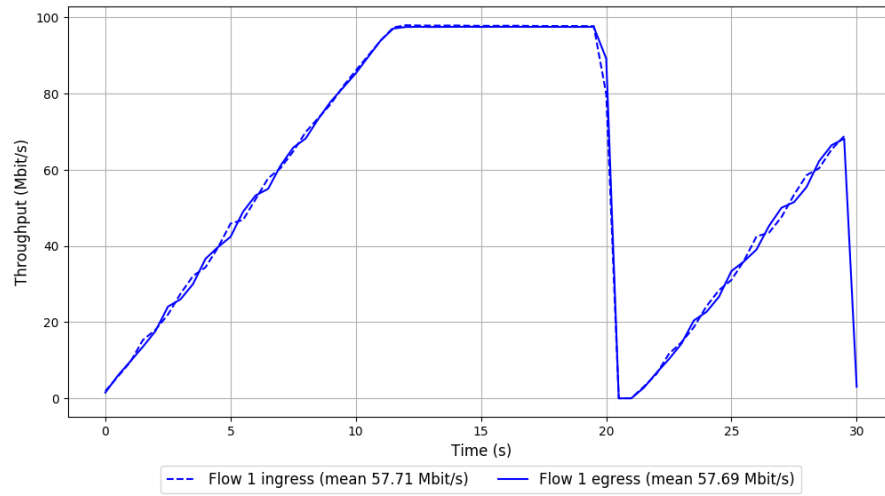


```
Run 1: Statistics of LEDBAT

Start at: 2017-12-11 13:59:17
End at: 2017-12-11 13:59:48
Local clock offset: 1.356 ms
Remote clock offset: -2.54 ms

# Below is generated by plot.py at 2017-12-11 17:31:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.69 Mbit/s
95th percentile per-packet one-way delay: 51.597 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 57.69 Mbit/s
95th percentile per-packet one-way delay: 51.597 ms
Loss rate: 0.03%
```


Run 1: Report of LEDBAT — Data Link

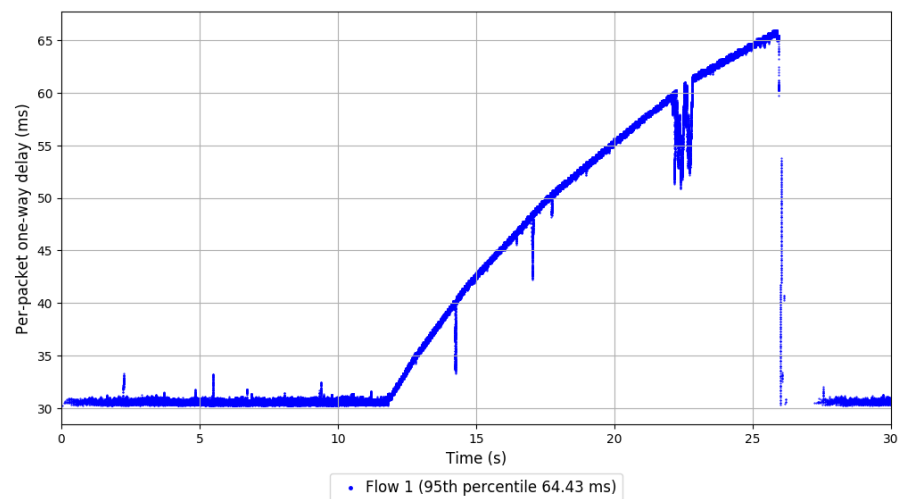
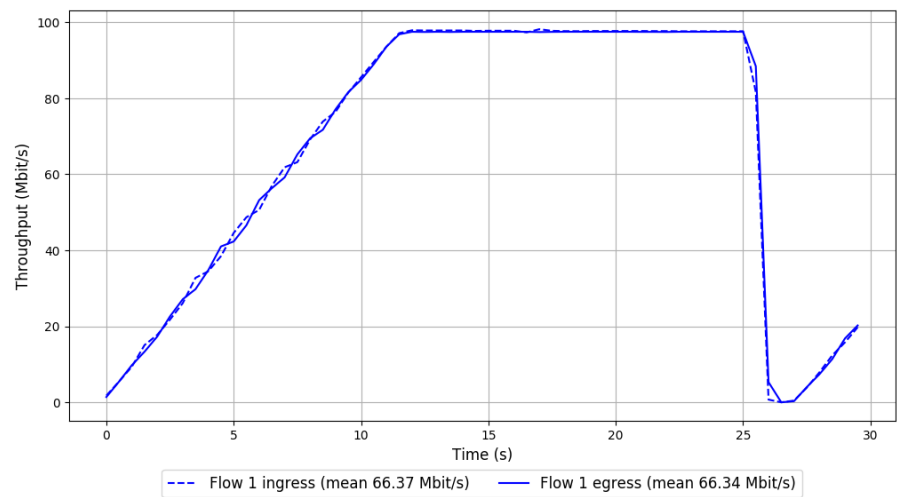


Run 2: Statistics of LEDBAT

Start at: 2017-12-11 14:18:14
End at: 2017-12-11 14:18:44
Local clock offset: 1.228 ms
Remote clock offset: -0.312 ms

Below is generated by plot.py at 2017-12-11 17:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.34 Mbit/s
95th percentile per-packet one-way delay: 64.430 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 66.34 Mbit/s
95th percentile per-packet one-way delay: 64.430 ms
Loss rate: 0.03%

Run 2: Report of LEDBAT — Data Link

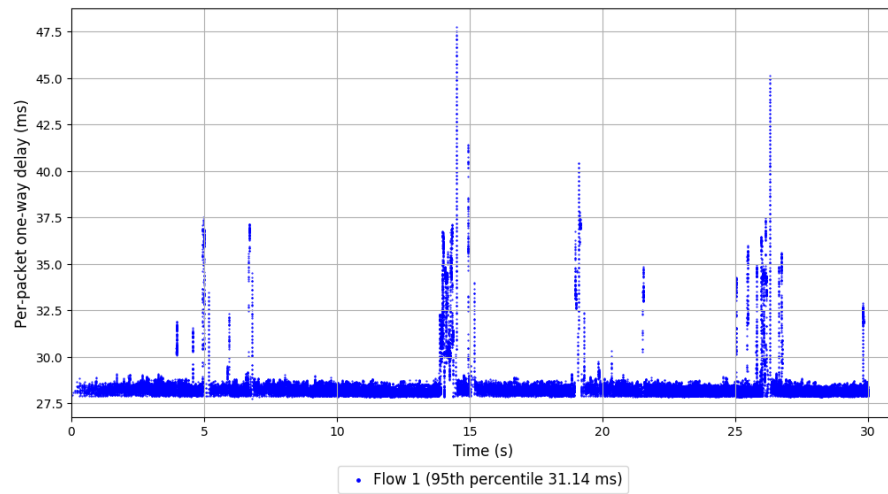
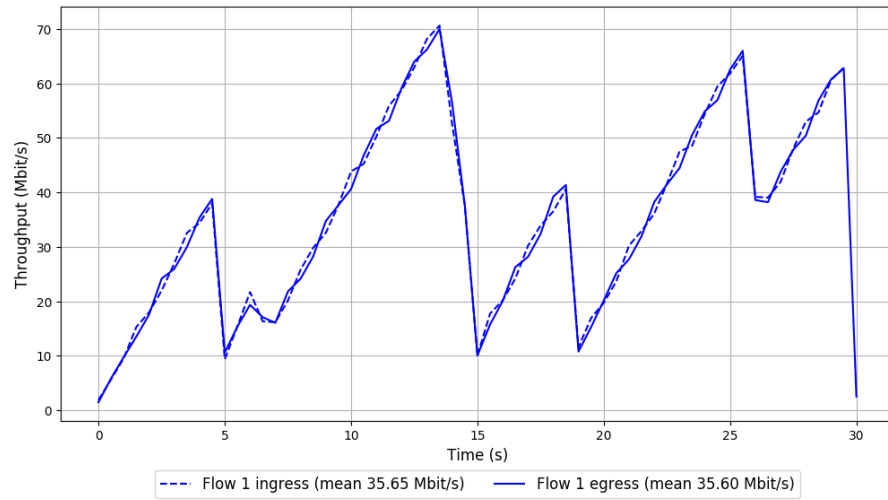


Run 3: Statistics of LEDBAT

Start at: 2017-12-11 14:37:36
End at: 2017-12-11 14:38:06
Local clock offset: 1.213 ms
Remote clock offset: -2.993 ms

Below is generated by plot.py at 2017-12-11 17:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.60 Mbit/s
95th percentile per-packet one-way delay: 31.140 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 35.60 Mbit/s
95th percentile per-packet one-way delay: 31.140 ms
Loss rate: 0.14%

Run 3: Report of LEDBAT — Data Link

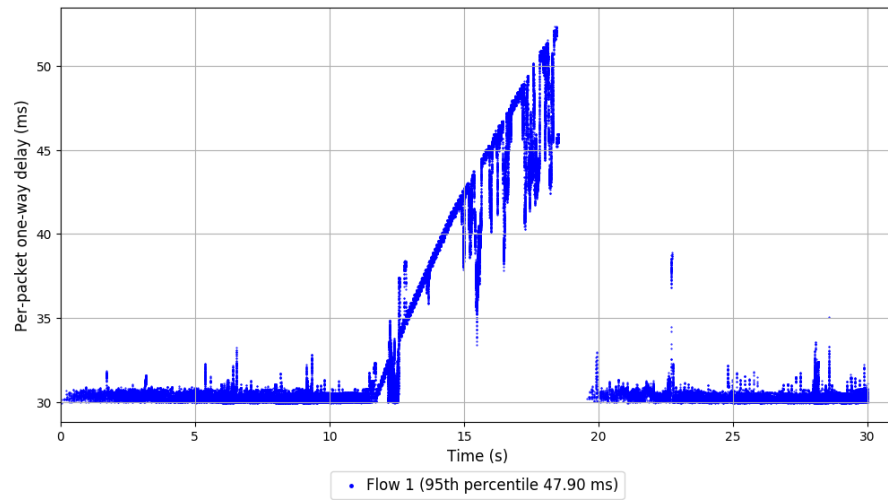
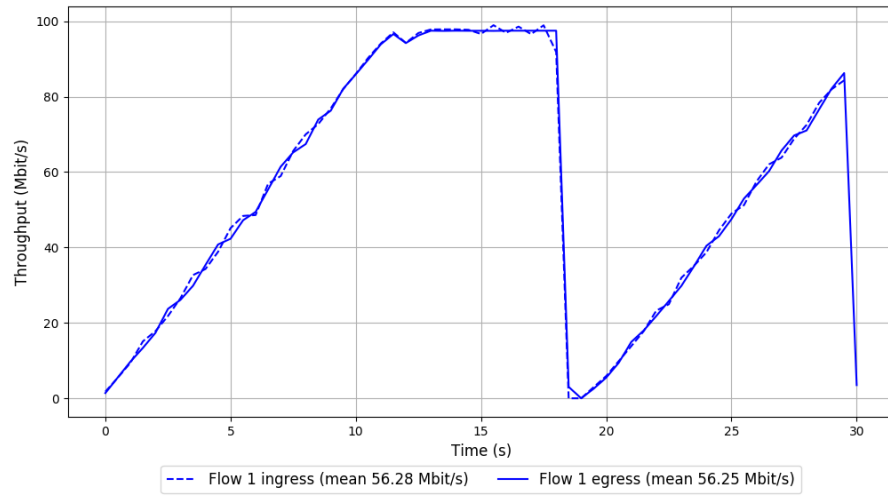


Run 4: Statistics of LEDBAT

Start at: 2017-12-11 14:56:44
End at: 2017-12-11 14:57:14
Local clock offset: 0.991 ms
Remote clock offset: -1.122 ms

Below is generated by plot.py at 2017-12-11 17:31:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.25 Mbit/s
95th percentile per-packet one-way delay: 47.904 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 56.25 Mbit/s
95th percentile per-packet one-way delay: 47.904 ms
Loss rate: 0.04%

Run 4: Report of LEDBAT — Data Link

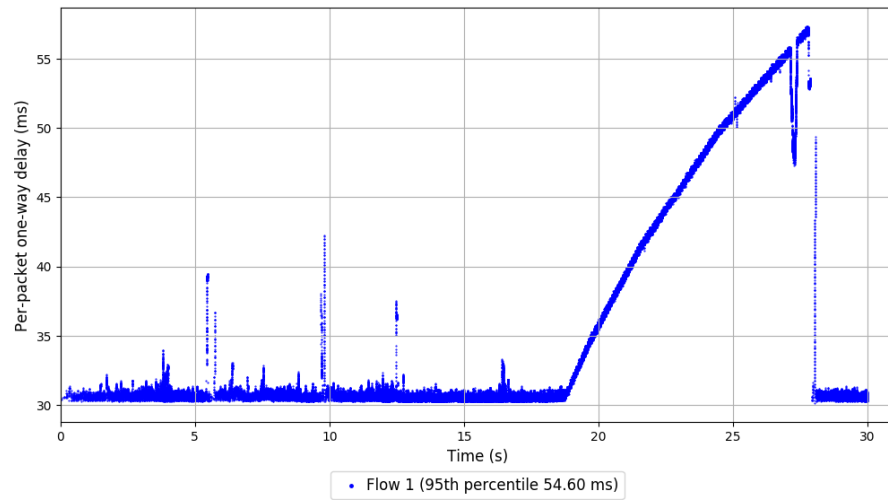
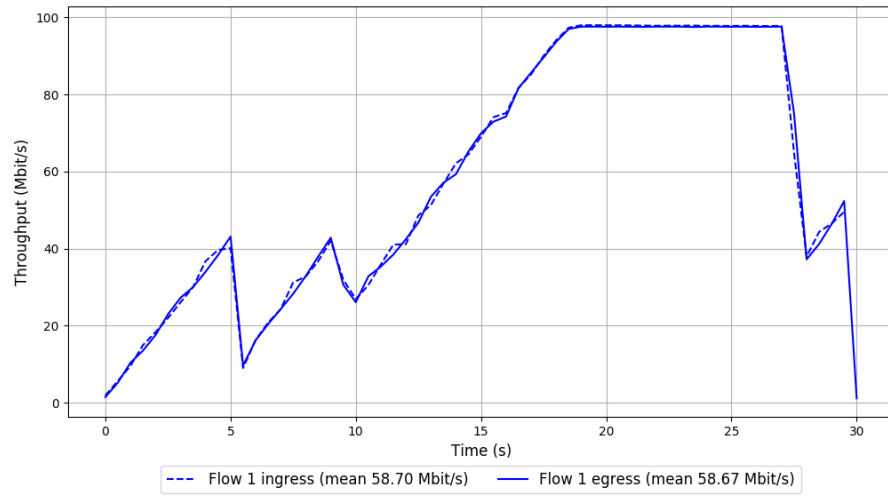


Run 5: Statistics of LEDBAT

Start at: 2017-12-11 15:16:17
End at: 2017-12-11 15:16:47
Local clock offset: 0.811 ms
Remote clock offset: -0.715 ms

Below is generated by plot.py at 2017-12-11 17:31:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 54.599 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 54.599 ms
Loss rate: 0.05%

Run 5: Report of LEDBAT — Data Link

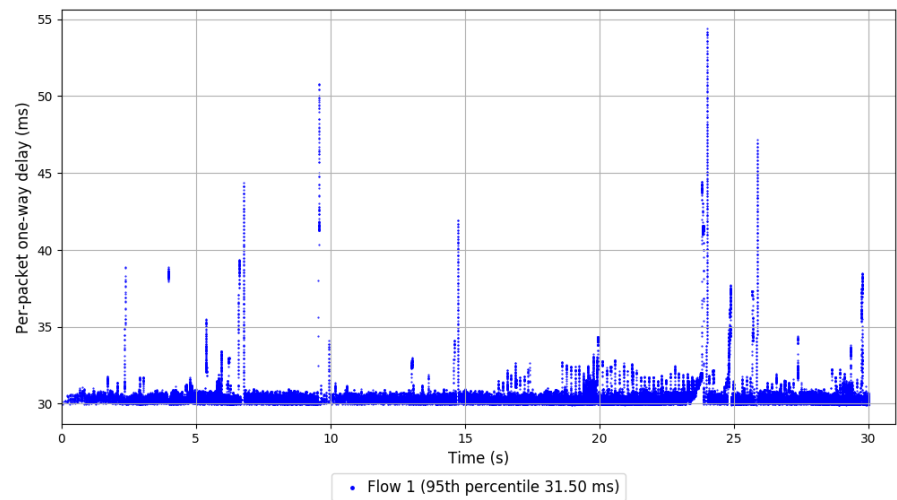
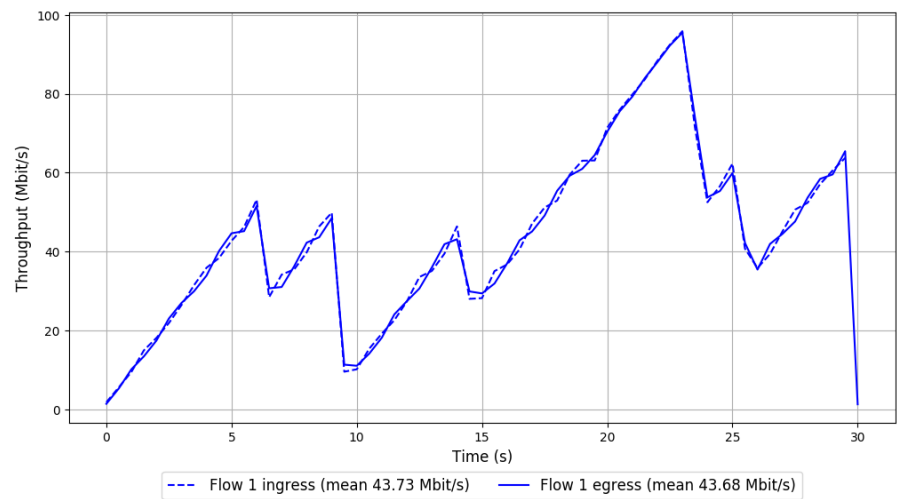


Run 6: Statistics of LEDBAT

Start at: 2017-12-11 15:35:22
End at: 2017-12-11 15:35:52
Local clock offset: 0.598 ms
Remote clock offset: -1.113 ms

Below is generated by plot.py at 2017-12-11 17:31:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.68 Mbit/s
95th percentile per-packet one-way delay: 31.496 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 43.68 Mbit/s
95th percentile per-packet one-way delay: 31.496 ms
Loss rate: 0.13%

Run 6: Report of LEDBAT — Data Link

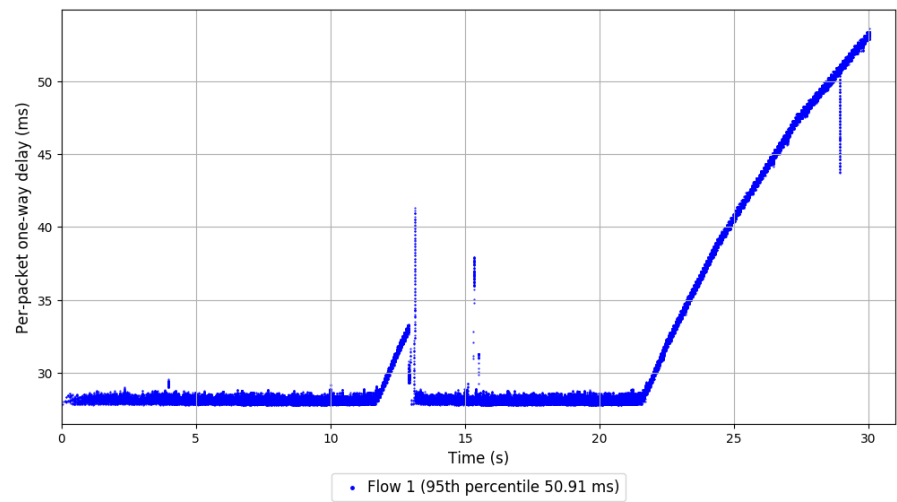
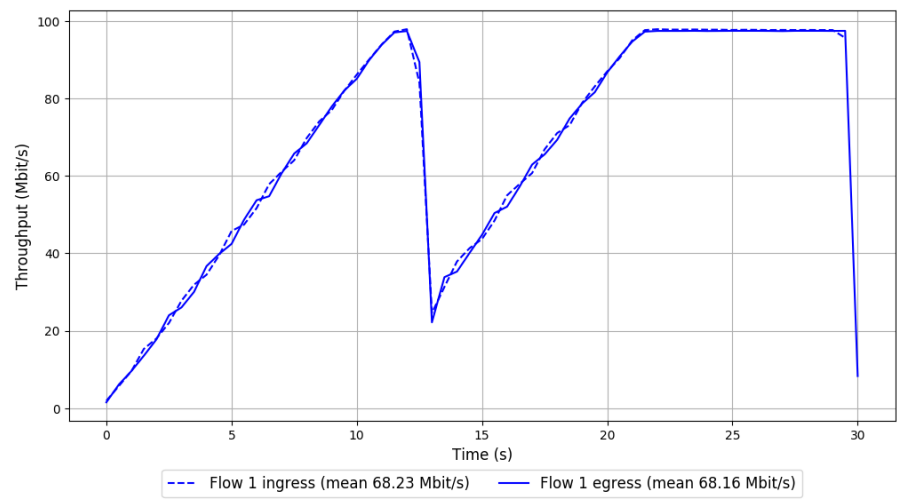


Run 7: Statistics of LEDBAT

Start at: 2017-12-11 15:54:16
End at: 2017-12-11 15:54:46
Local clock offset: 0.458 ms
Remote clock offset: -3.117 ms

Below is generated by plot.py at 2017-12-11 17:32:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.16 Mbit/s
95th percentile per-packet one-way delay: 50.910 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 68.16 Mbit/s
95th percentile per-packet one-way delay: 50.910 ms
Loss rate: 0.02%

Run 7: Report of LEDBAT — Data Link

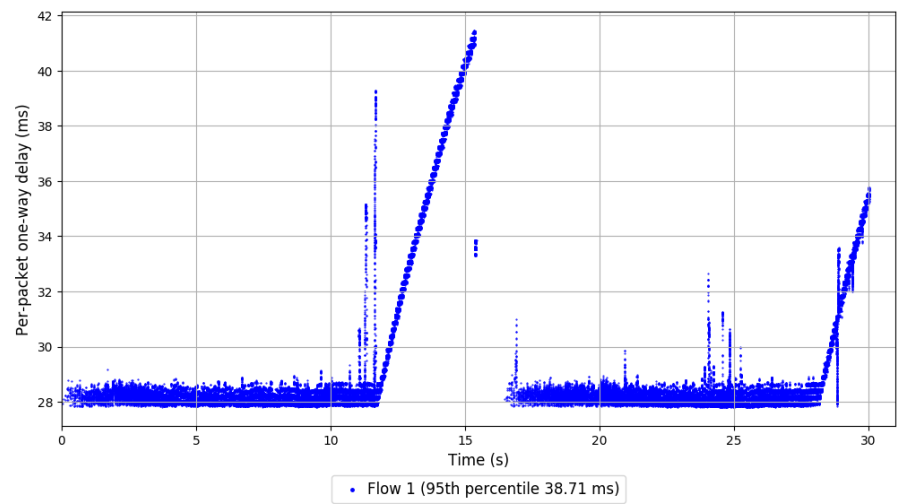
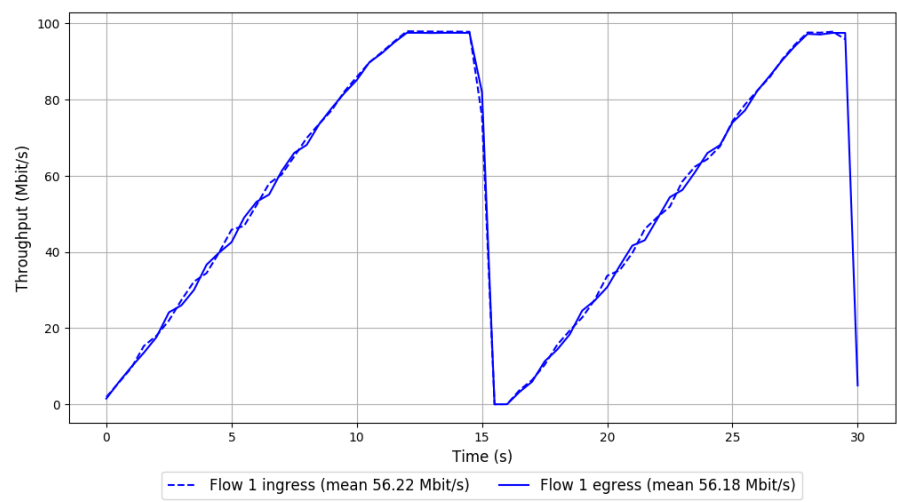


Run 8: Statistics of LEDBAT

Start at: 2017-12-11 16:13:07
End at: 2017-12-11 16:13:37
Local clock offset: 0.335 ms
Remote clock offset: -2.885 ms

Below is generated by plot.py at 2017-12-11 17:32:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.18 Mbit/s
95th percentile per-packet one-way delay: 38.707 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 56.18 Mbit/s
95th percentile per-packet one-way delay: 38.707 ms
Loss rate: 0.04%

Run 8: Report of LEDBAT — Data Link

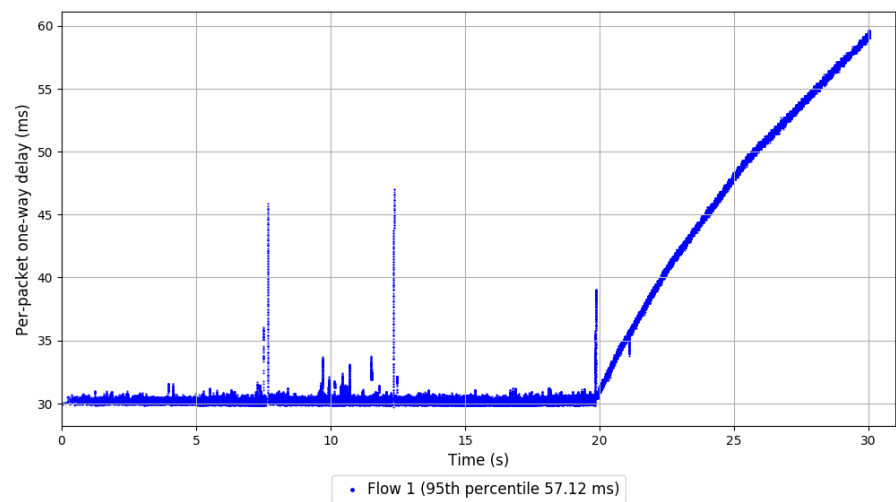
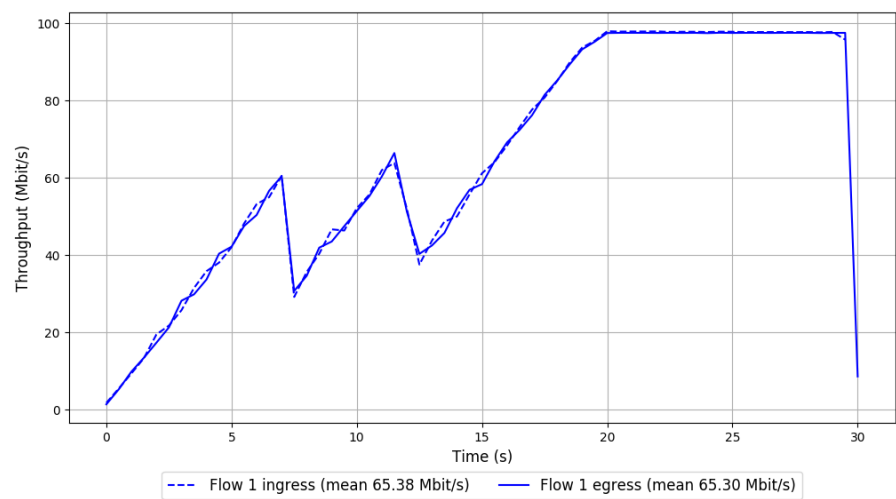


Run 9: Statistics of LEDBAT

Start at: 2017-12-11 16:32:19
End at: 2017-12-11 16:32:49
Local clock offset: 0.352 ms
Remote clock offset: -0.456 ms

Below is generated by plot.py at 2017-12-11 17:32:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.30 Mbit/s
95th percentile per-packet one-way delay: 57.123 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 65.30 Mbit/s
95th percentile per-packet one-way delay: 57.123 ms
Loss rate: 0.04%

Run 9: Report of LEDBAT — Data Link

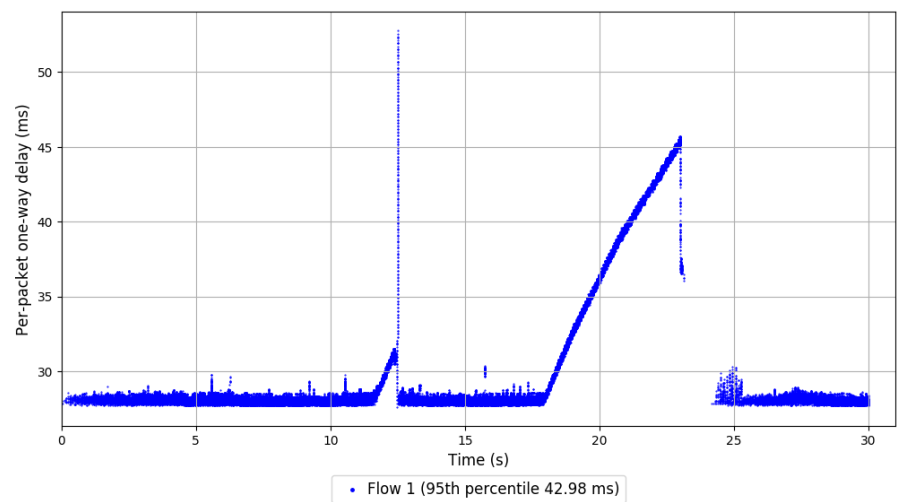
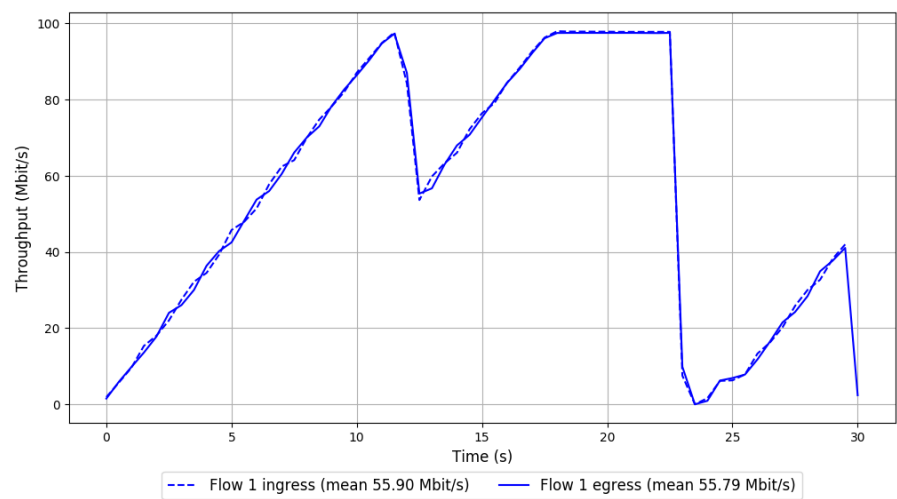


Run 10: Statistics of LEDBAT

Start at: 2017-12-11 16:51:20
End at: 2017-12-11 16:51:50
Local clock offset: 0.231 ms
Remote clock offset: -2.324 ms

Below is generated by plot.py at 2017-12-11 17:32:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.79 Mbit/s
95th percentile per-packet one-way delay: 42.978 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.79 Mbit/s
95th percentile per-packet one-way delay: 42.978 ms
Loss rate: 0.20%

Run 10: Report of LEDBAT — Data Link

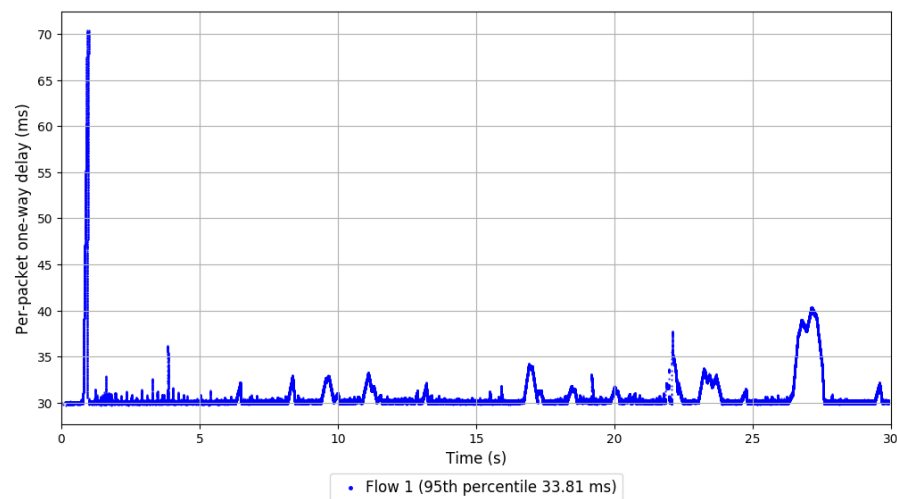
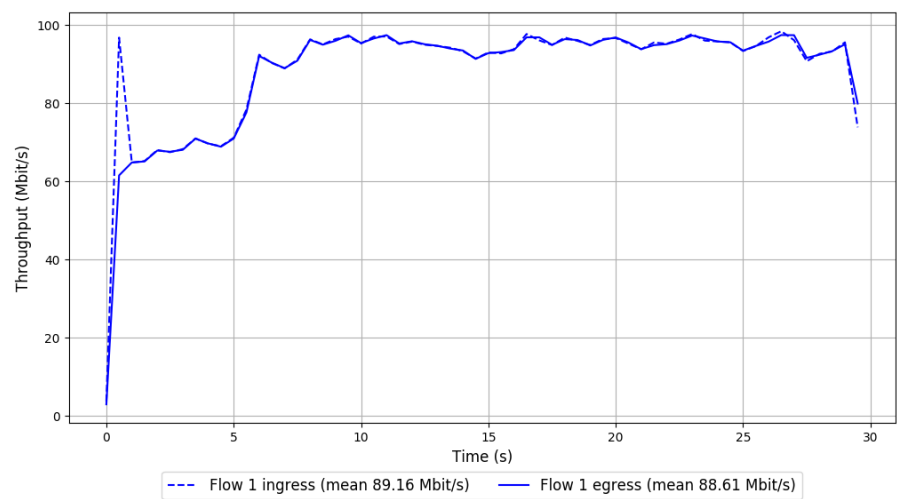


Run 1: Statistics of PCC

Start at: 2017-12-11 14:01:56
End at: 2017-12-11 14:02:26
Local clock offset: 1.345 ms
Remote clock offset: -0.363 ms

Below is generated by plot.py at 2017-12-11 17:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.61 Mbit/s
95th percentile per-packet one-way delay: 33.808 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 88.61 Mbit/s
95th percentile per-packet one-way delay: 33.808 ms
Loss rate: 0.62%

Run 1: Report of PCC — Data Link

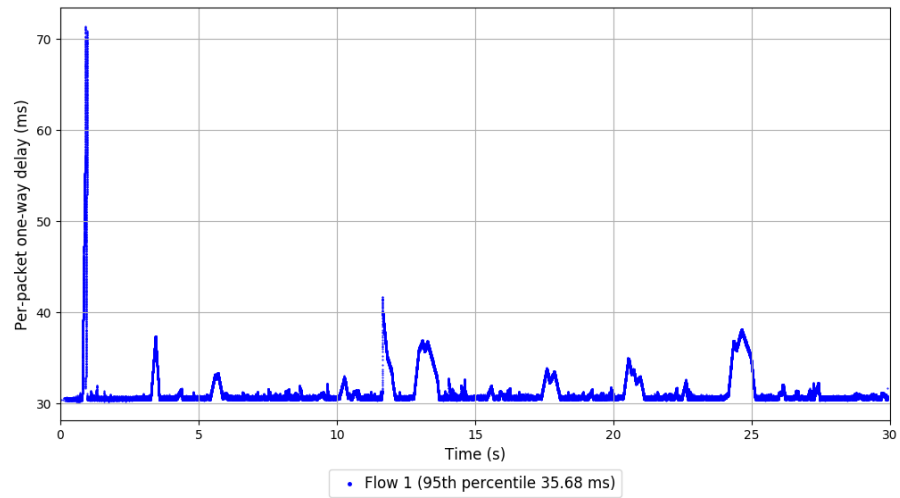
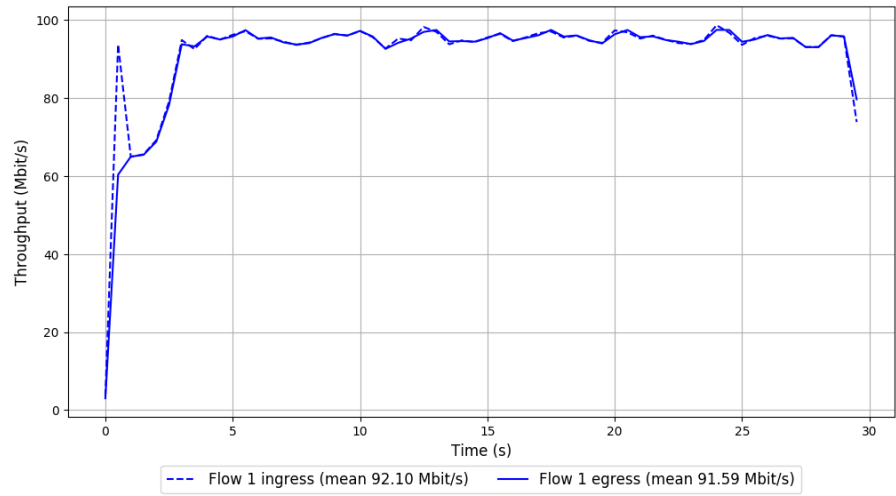


Run 2: Statistics of PCC

Start at: 2017-12-11 14:20:59
End at: 2017-12-11 14:21:29
Local clock offset: 1.222 ms
Remote clock offset: -0.174 ms

Below is generated by plot.py at 2017-12-11 17:33:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.59 Mbit/s
95th percentile per-packet one-way delay: 35.684 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 91.59 Mbit/s
95th percentile per-packet one-way delay: 35.684 ms
Loss rate: 0.56%

Run 2: Report of PCC — Data Link

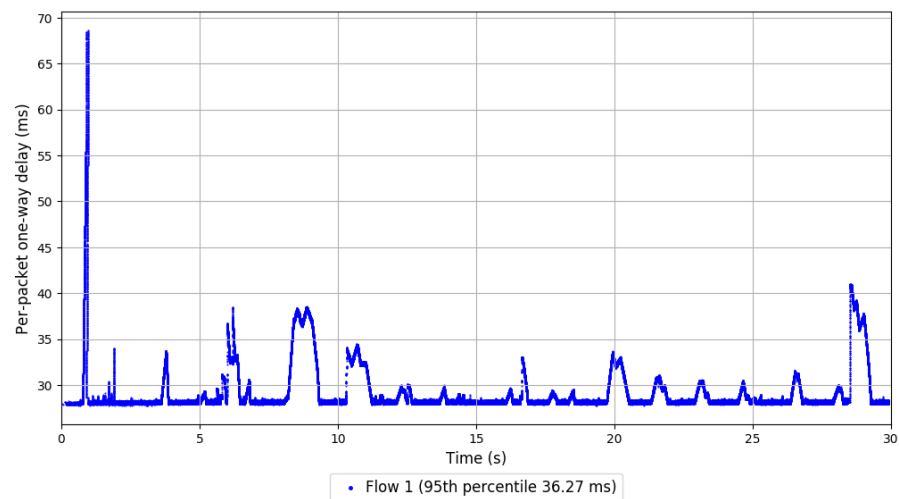
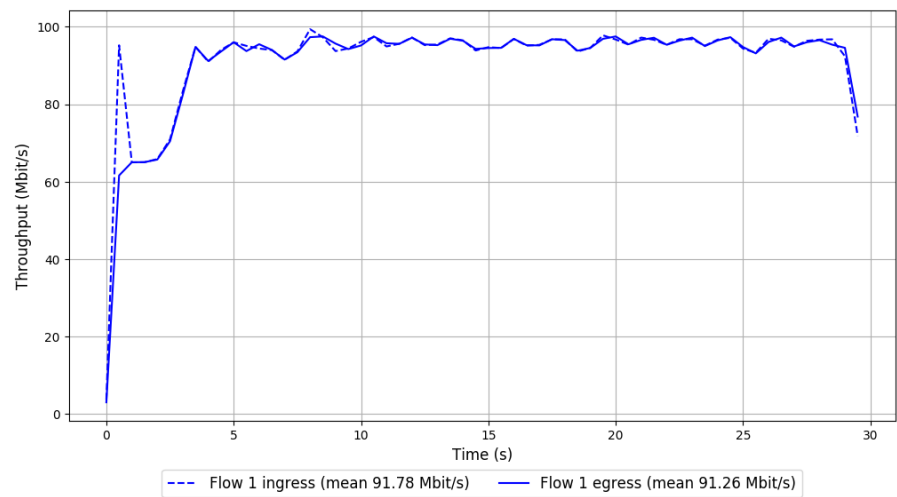


Run 3: Statistics of PCC

Start at: 2017-12-11 14:40:16
End at: 2017-12-11 14:40:46
Local clock offset: 1.161 ms
Remote clock offset: -3.035 ms

Below is generated by plot.py at 2017-12-11 17:33:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.26 Mbit/s
95th percentile per-packet one-way delay: 36.265 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 91.26 Mbit/s
95th percentile per-packet one-way delay: 36.265 ms
Loss rate: 0.57%

Run 3: Report of PCC — Data Link

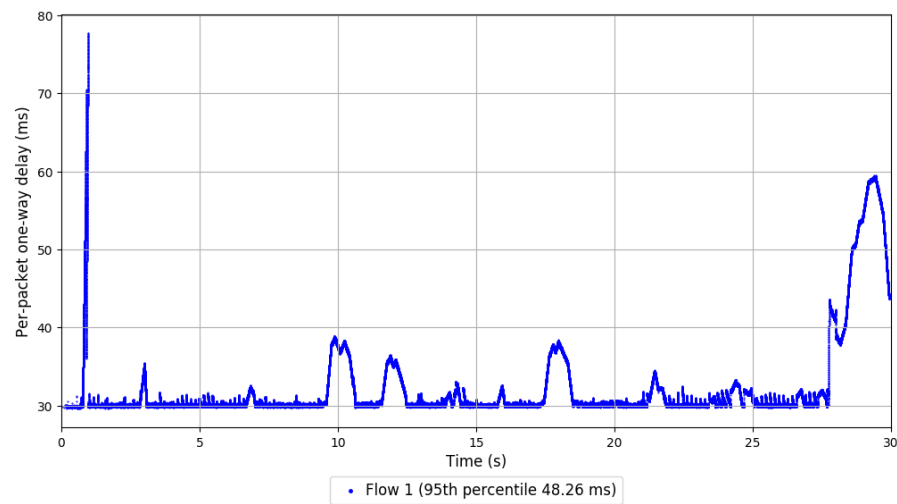
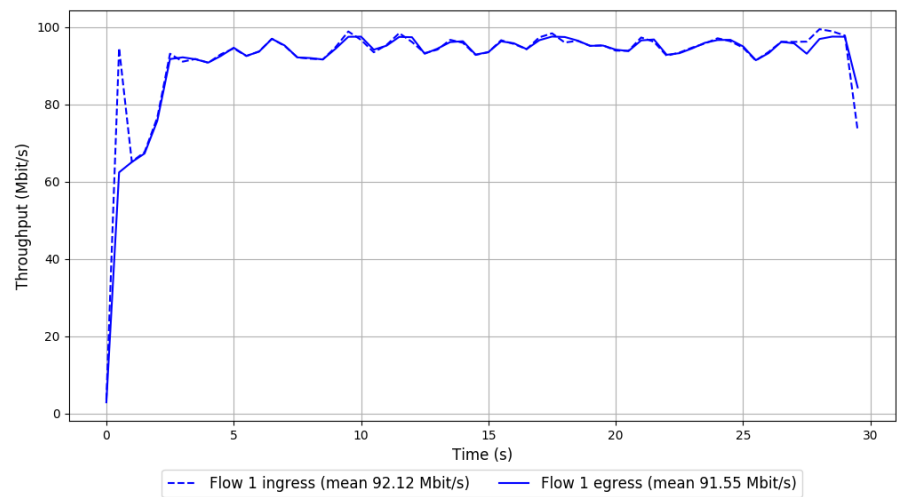


Run 4: Statistics of PCC

Start at: 2017-12-11 14:59:33
End at: 2017-12-11 15:00:03
Local clock offset: 1.055 ms
Remote clock offset: -1.173 ms

Below is generated by plot.py at 2017-12-11 17:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 48.259 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 48.259 ms
Loss rate: 0.57%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-12-11 15:18:59

End at: 2017-12-11 15:19:29

Local clock offset: 0.668 ms

Remote clock offset: -0.73 ms

Below is generated by plot.py at 2017-12-11 17:33:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.22 Mbit/s

95th percentile per-packet one-way delay: 33.952 ms

Loss rate: 0.57%

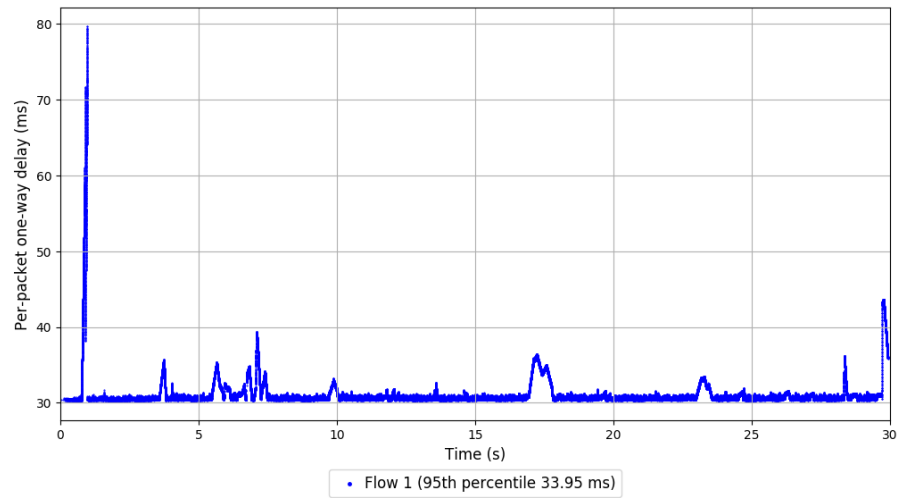
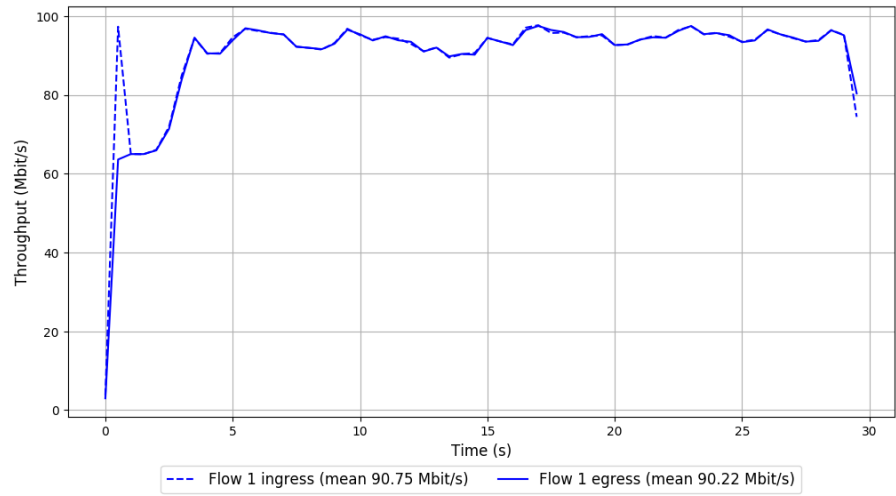
-- Flow 1:

Average throughput: 90.22 Mbit/s

95th percentile per-packet one-way delay: 33.952 ms

Loss rate: 0.57%

Run 5: Report of PCC — Data Link

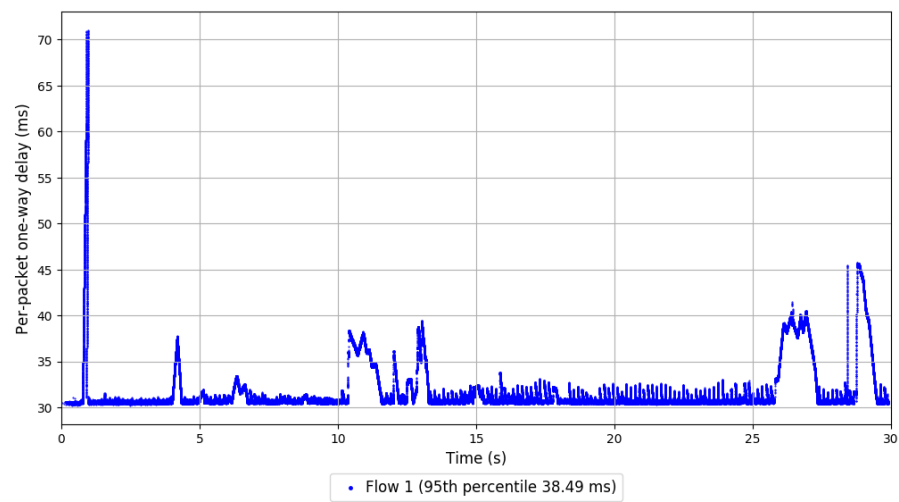
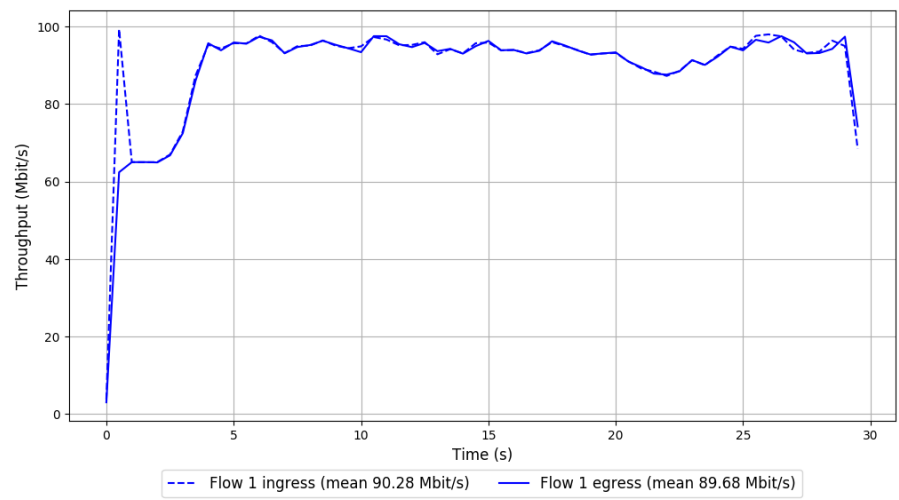


Run 6: Statistics of PCC

Start at: 2017-12-11 15:38:03
End at: 2017-12-11 15:38:33
Local clock offset: 0.506 ms
Remote clock offset: -0.715 ms

Below is generated by plot.py at 2017-12-11 17:33:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 38.489 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 38.489 ms
Loss rate: 0.66%

Run 6: Report of PCC — Data Link

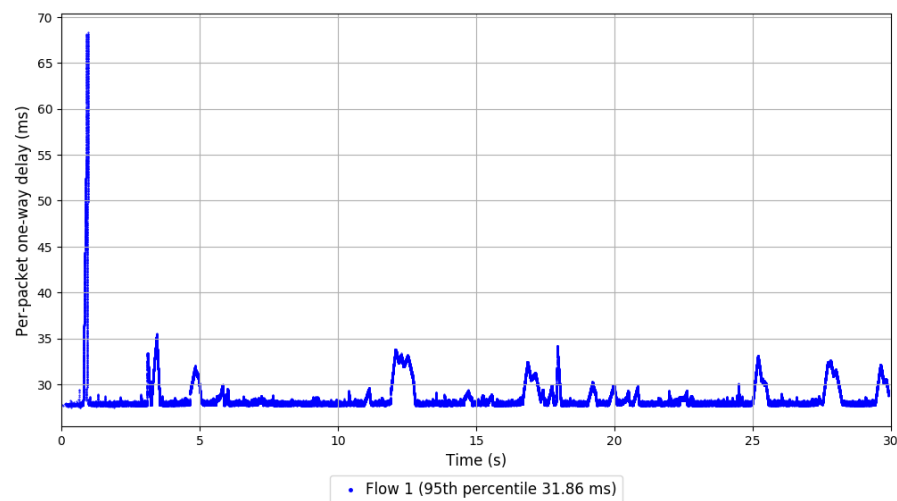
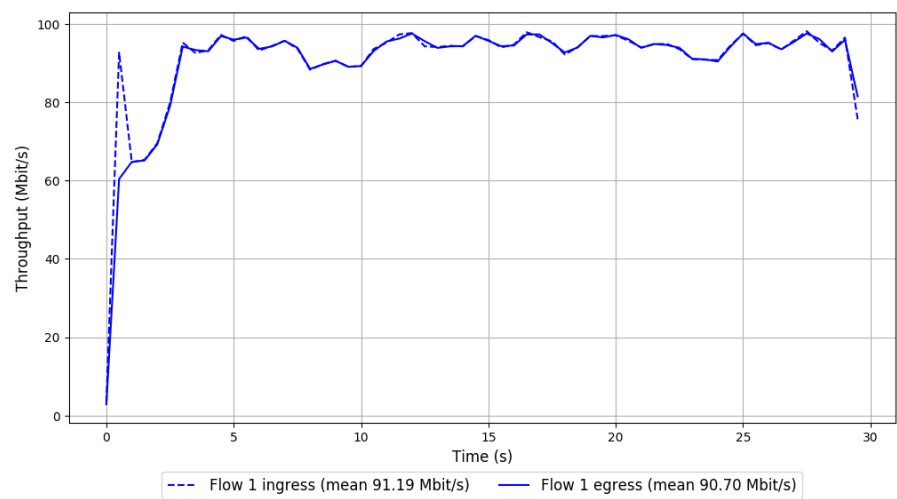


Run 7: Statistics of PCC

Start at: 2017-12-11 15:56:57
End at: 2017-12-11 15:57:27
Local clock offset: 0.468 ms
Remote clock offset: -3.216 ms

Below is generated by plot.py at 2017-12-11 17:33:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 31.856 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 31.856 ms
Loss rate: 0.54%

Run 7: Report of PCC — Data Link

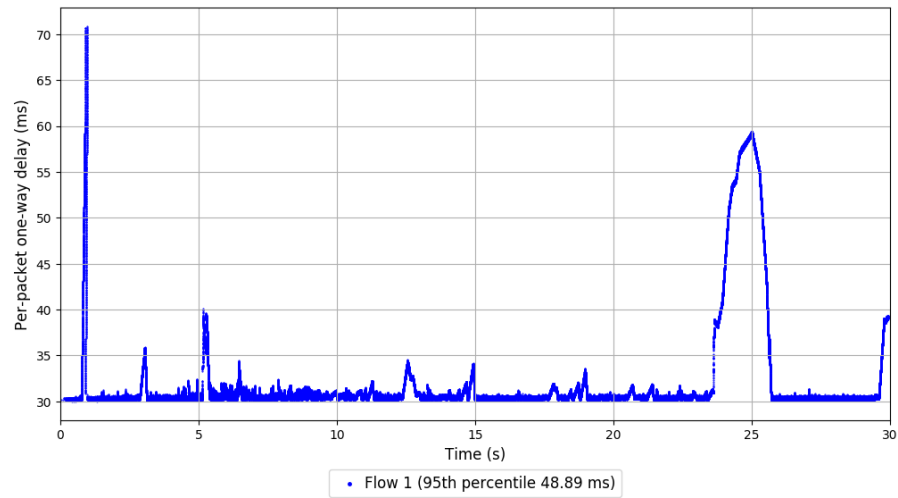
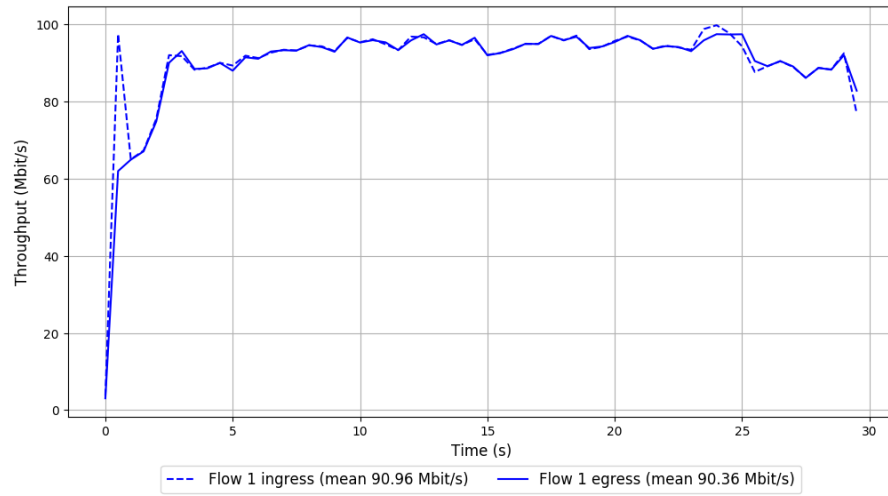


Run 8: Statistics of PCC

Start at: 2017-12-11 16:15:49
End at: 2017-12-11 16:16:19
Local clock offset: 0.413 ms
Remote clock offset: -0.416 ms

Below is generated by plot.py at 2017-12-11 17:33:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.36 Mbit/s
95th percentile per-packet one-way delay: 48.893 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 90.36 Mbit/s
95th percentile per-packet one-way delay: 48.893 ms
Loss rate: 0.63%

Run 8: Report of PCC — Data Link

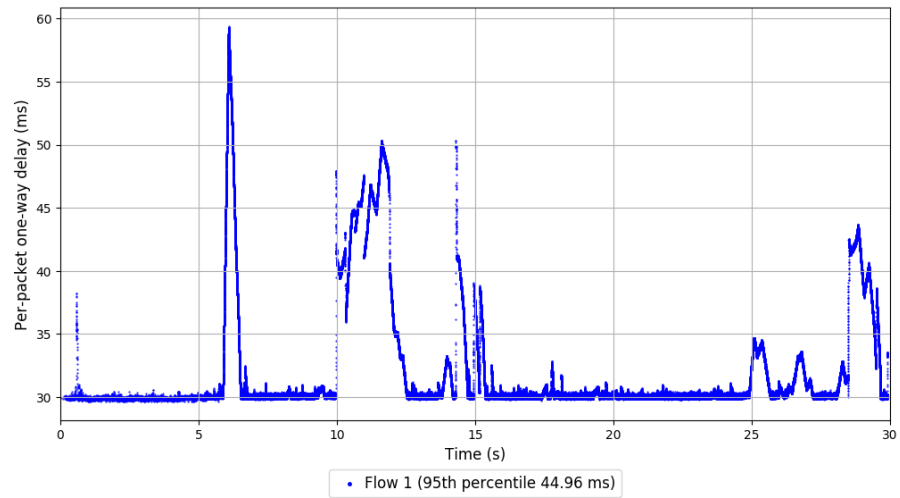
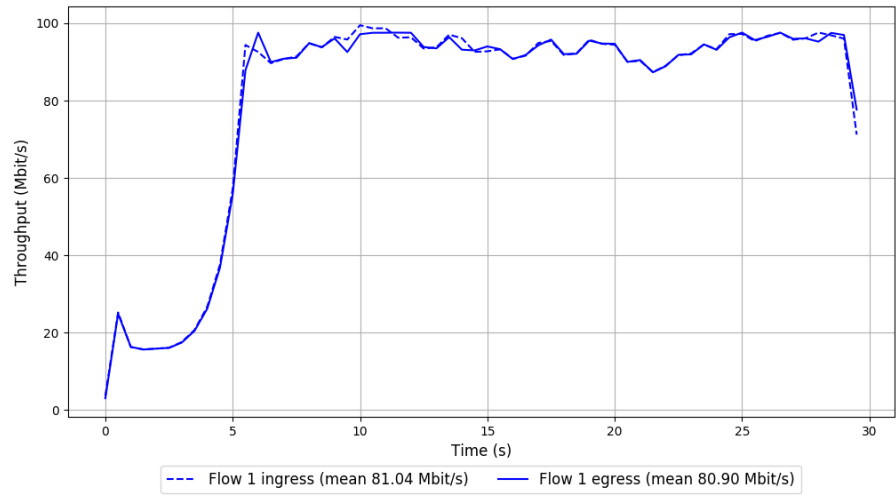


Run 9: Statistics of PCC

Start at: 2017-12-11 16:35:05
End at: 2017-12-11 16:35:35
Local clock offset: 0.328 ms
Remote clock offset: -0.419 ms

Below is generated by plot.py at 2017-12-11 17:34:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.90 Mbit/s
95th percentile per-packet one-way delay: 44.956 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 80.90 Mbit/s
95th percentile per-packet one-way delay: 44.956 ms
Loss rate: 0.16%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2017-12-11 16:53:59

End at: 2017-12-11 16:54:29

Local clock offset: 0.314 ms

Remote clock offset: 0.251 ms

Below is generated by plot.py at 2017-12-11 17:34:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.11 Mbit/s

95th percentile per-packet one-way delay: 35.211 ms

Loss rate: 0.59%

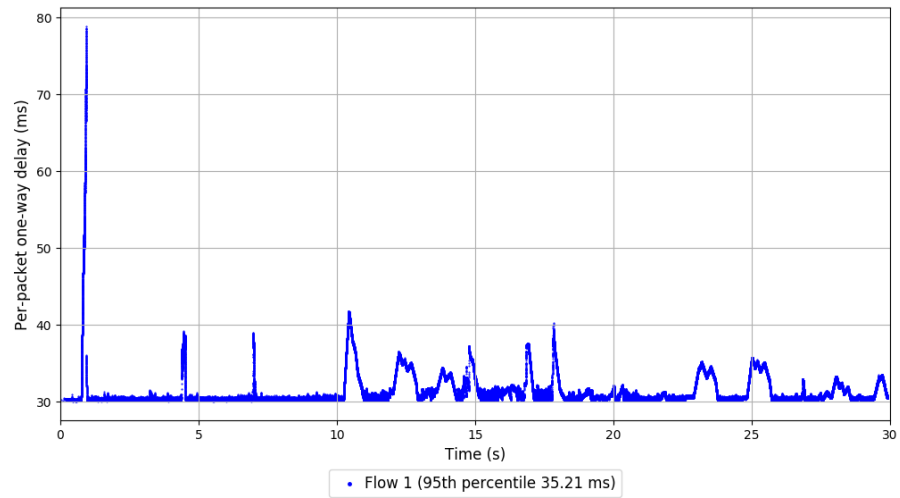
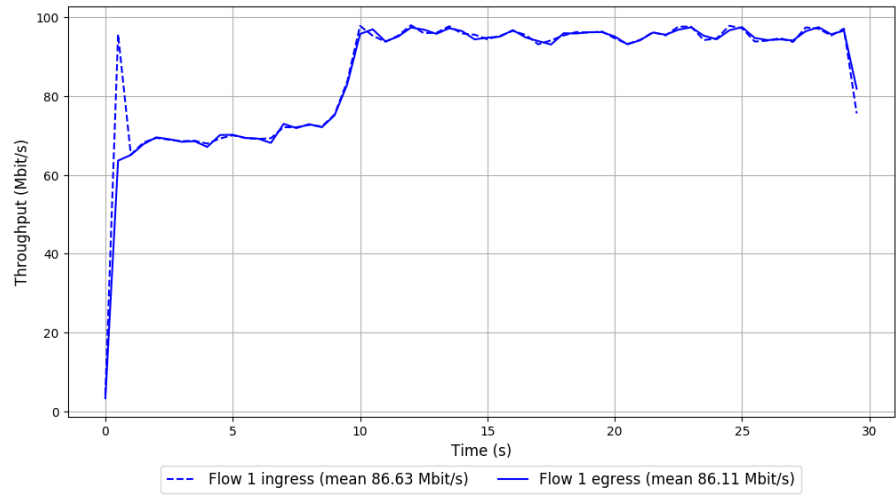
-- Flow 1:

Average throughput: 86.11 Mbit/s

95th percentile per-packet one-way delay: 35.211 ms

Loss rate: 0.59%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

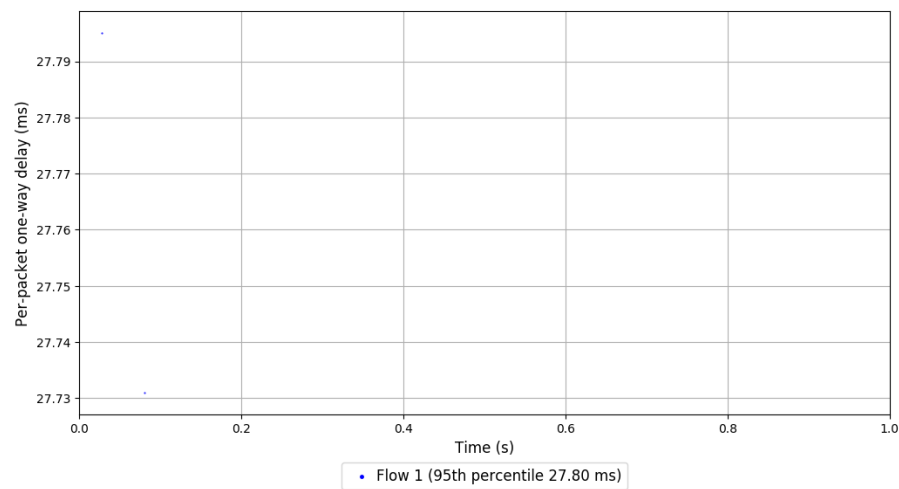
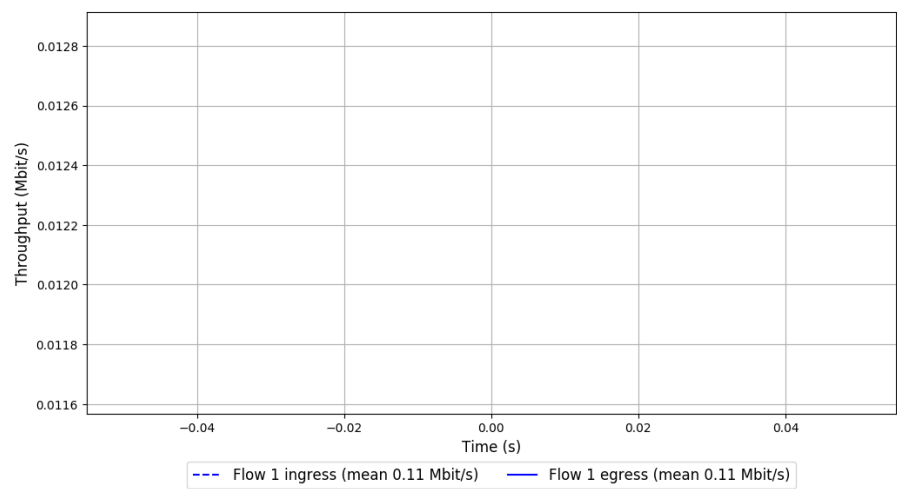
Start at: 2017-12-11 13:56:41

End at: 2017-12-11 13:57:11

Local clock offset: 1.324 ms

Remote clock offset: -2.364 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-12-11 14:15:30

End at: 2017-12-11 14:16:00

Local clock offset: 1.224 ms

Remote clock offset: -0.253 ms

Below is generated by plot.py at 2017-12-11 17:34:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.47 Mbit/s

95th percentile per-packet one-way delay: 56.546 ms

Loss rate: 0.50%

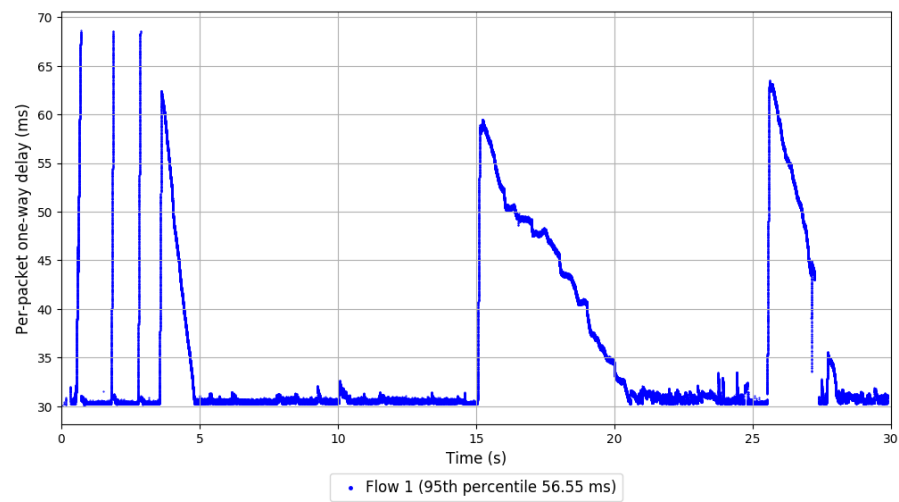
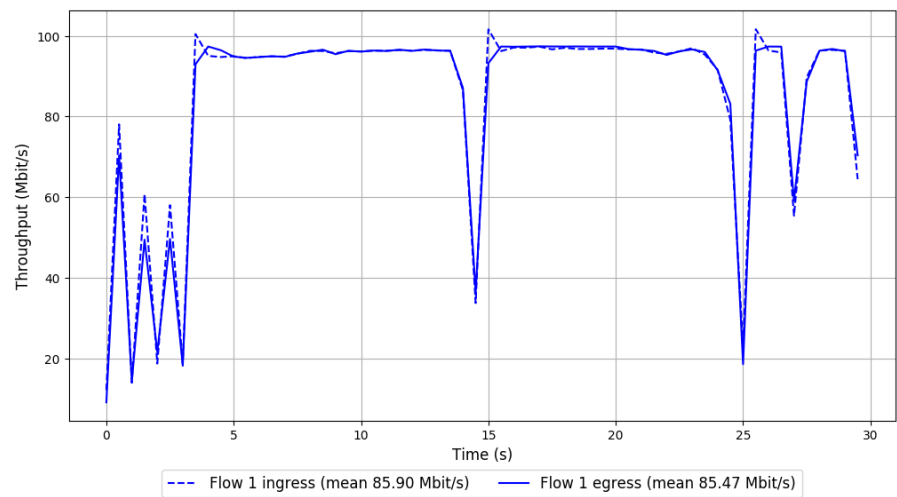
-- Flow 1:

Average throughput: 85.47 Mbit/s

95th percentile per-packet one-way delay: 56.546 ms

Loss rate: 0.50%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-12-11 14:34:49

End at: 2017-12-11 14:35:19

Local clock offset: 1.295 ms

Remote clock offset: -0.463 ms

Below is generated by plot.py at 2017-12-11 17:34:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.51 Mbit/s

95th percentile per-packet one-way delay: 55.885 ms

Loss rate: 0.83%

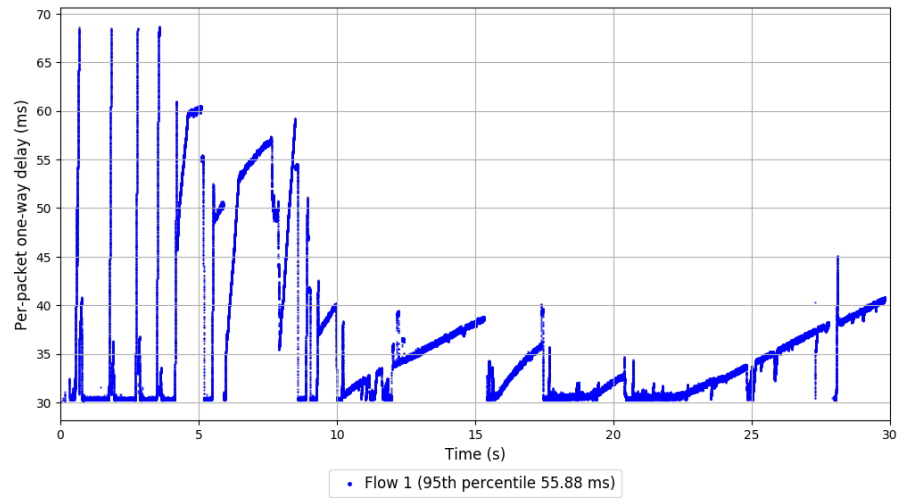
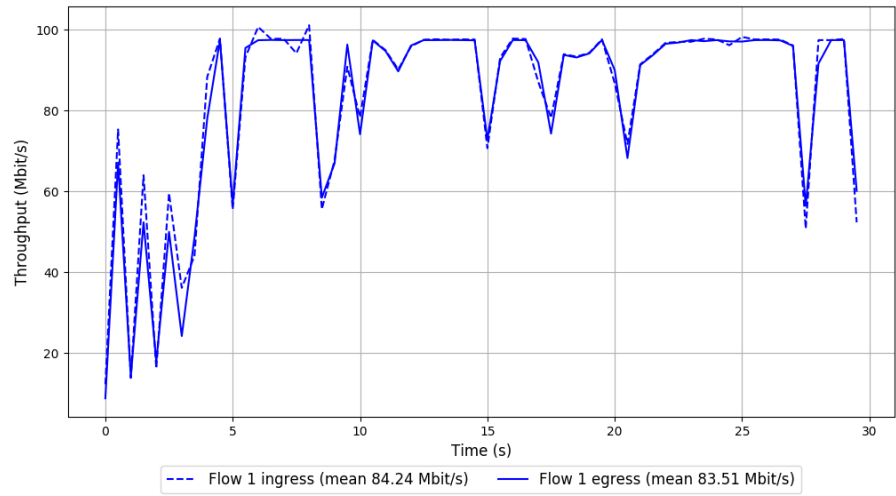
-- Flow 1:

Average throughput: 83.51 Mbit/s

95th percentile per-packet one-way delay: 55.885 ms

Loss rate: 0.83%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-12-11 14:53:53

End at: 2017-12-11 14:54:23

Local clock offset: 1.014 ms

Remote clock offset: -1.239 ms

Below is generated by plot.py at 2017-12-11 17:35:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.92 Mbit/s

95th percentile per-packet one-way delay: 59.268 ms

Loss rate: 0.80%

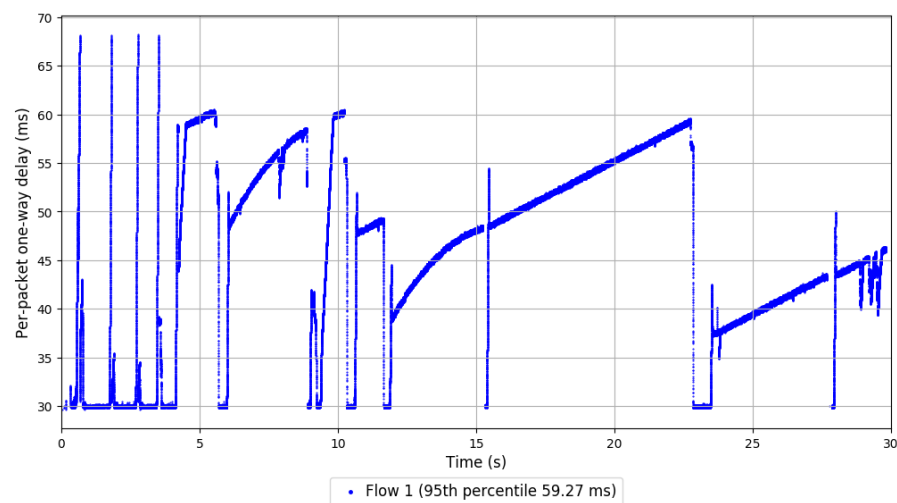
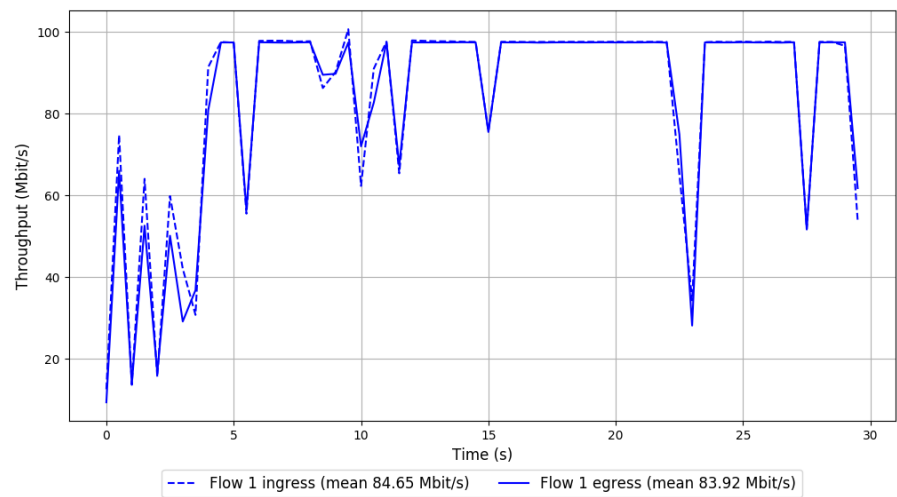
-- Flow 1:

Average throughput: 83.92 Mbit/s

95th percentile per-packet one-way delay: 59.268 ms

Loss rate: 0.80%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-12-11 15:13:28

End at: 2017-12-11 15:13:58

Local clock offset: 0.735 ms

Remote clock offset: -1.153 ms

Below is generated by plot.py at 2017-12-11 17:35:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.26 Mbit/s

95th percentile per-packet one-way delay: 65.407 ms

Loss rate: 0.82%

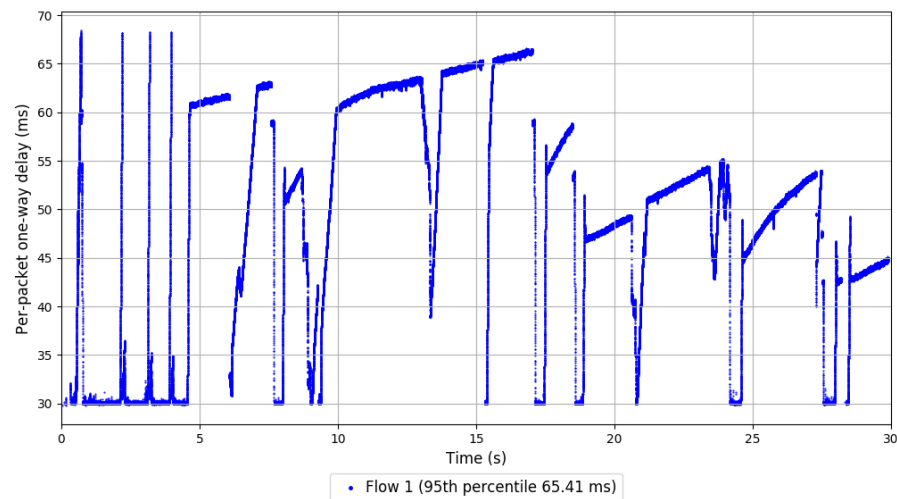
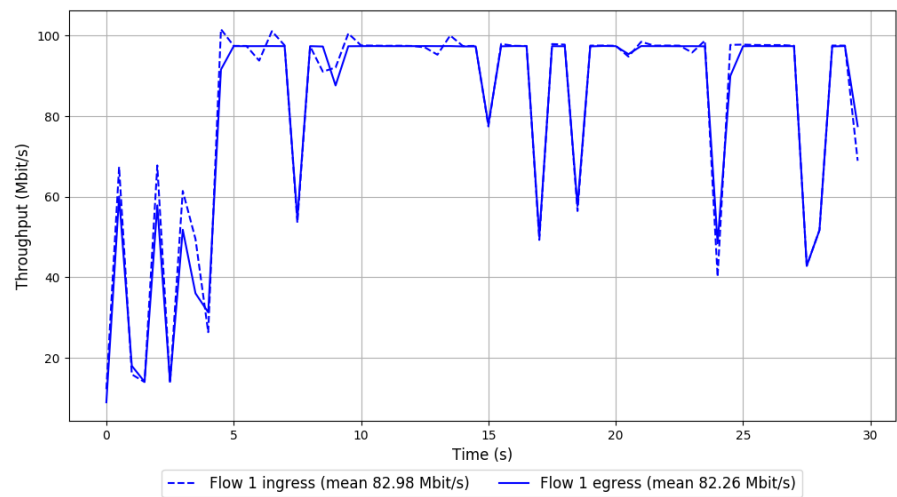
-- Flow 1:

Average throughput: 82.26 Mbit/s

95th percentile per-packet one-way delay: 65.407 ms

Loss rate: 0.82%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-12-11 15:32:37

End at: 2017-12-11 15:33:07

Local clock offset: 0.559 ms

Remote clock offset: -3.32 ms

Below is generated by plot.py at 2017-12-11 17:35:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.13 Mbit/s

95th percentile per-packet one-way delay: 60.370 ms

Loss rate: 1.36%

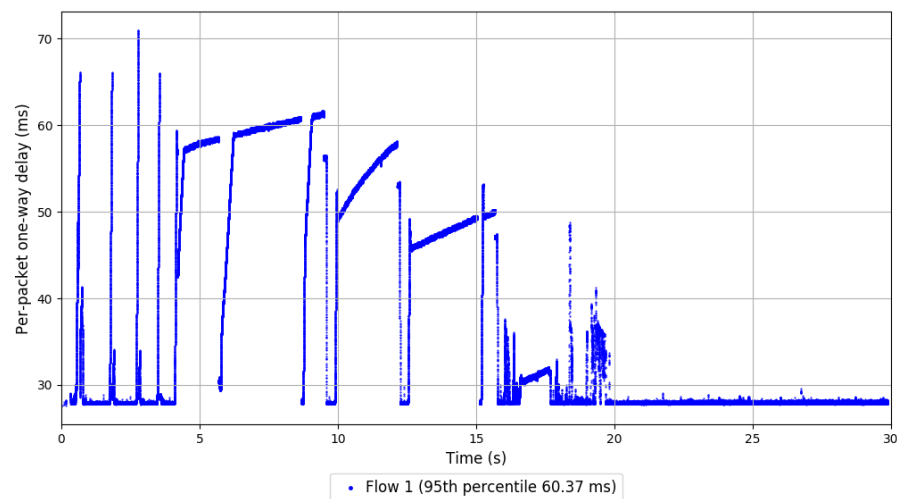
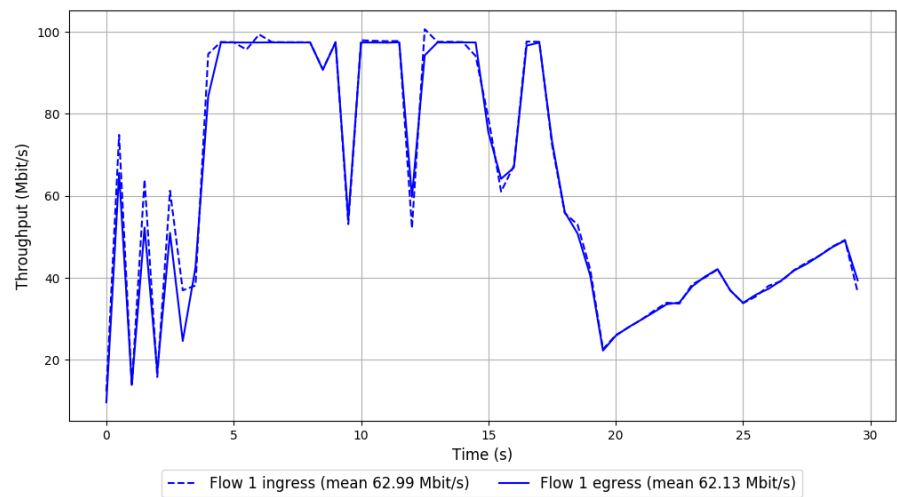
-- Flow 1:

Average throughput: 62.13 Mbit/s

95th percentile per-packet one-way delay: 60.370 ms

Loss rate: 1.36%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-12-11 15:51:32

End at: 2017-12-11 15:52:02

Local clock offset: 0.357 ms

Remote clock offset: -3.132 ms

Below is generated by plot.py at 2017-12-11 17:35:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.14 Mbit/s

95th percentile per-packet one-way delay: 58.972 ms

Loss rate: 0.79%

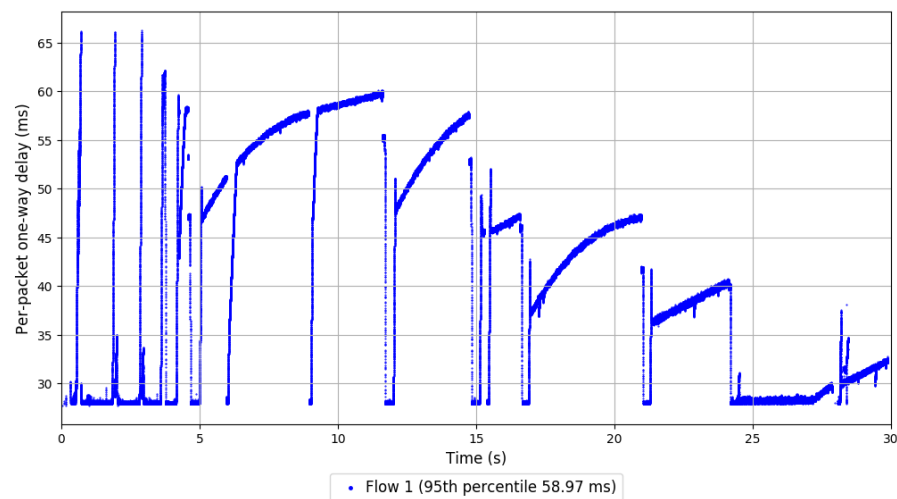
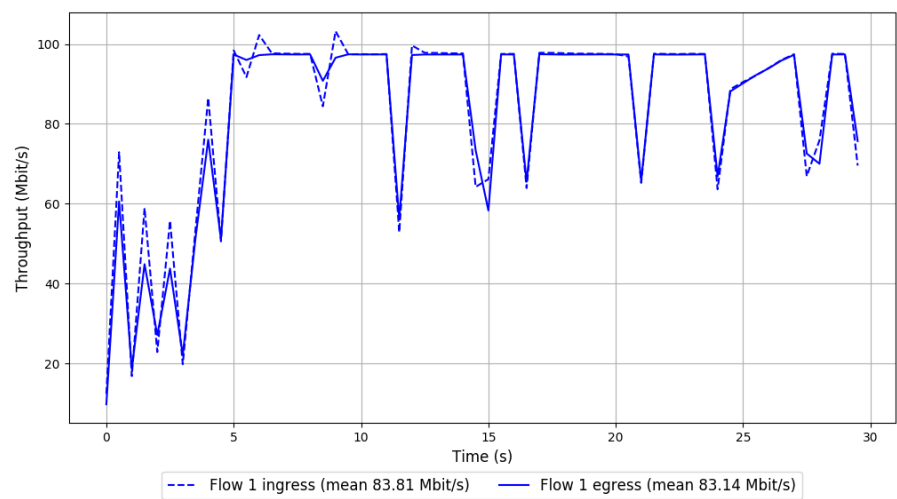
-- Flow 1:

Average throughput: 83.14 Mbit/s

95th percentile per-packet one-way delay: 58.972 ms

Loss rate: 0.79%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-12-11 16:10:23

End at: 2017-12-11 16:10:53

Local clock offset: 0.369 ms

Remote clock offset: -0.852 ms

Below is generated by plot.py at 2017-12-11 17:35:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.15 Mbit/s

95th percentile per-packet one-way delay: 64.584 ms

Loss rate: 0.78%

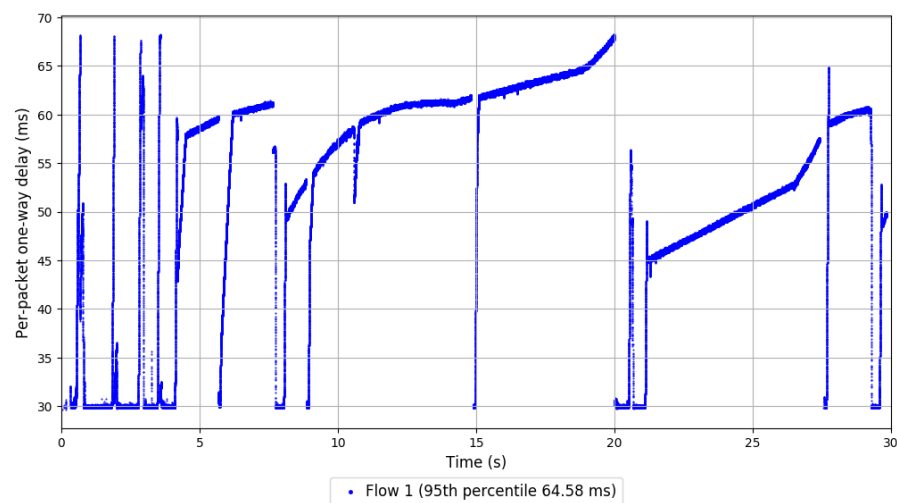
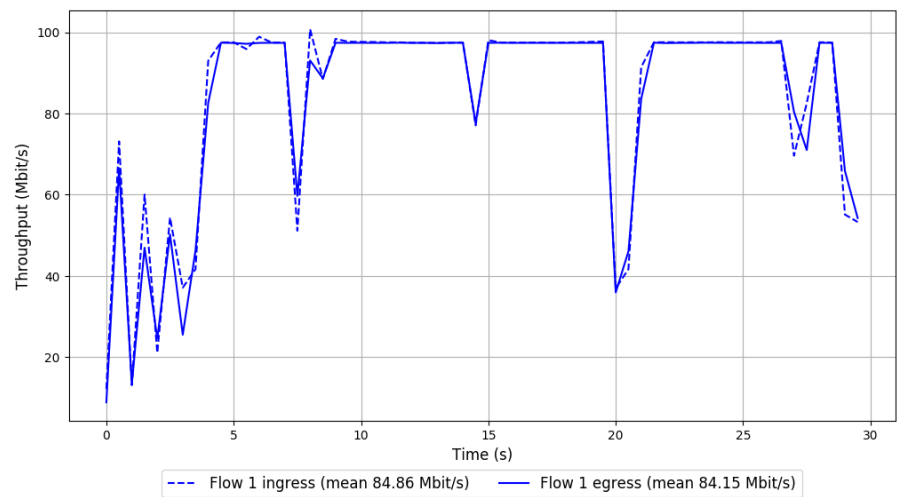
-- Flow 1:

Average throughput: 84.15 Mbit/s

95th percentile per-packet one-way delay: 64.584 ms

Loss rate: 0.78%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-12-11 16:29:30

End at: 2017-12-11 16:30:00

Local clock offset: 0.244 ms

Remote clock offset: -0.638 ms

Below is generated by plot.py at 2017-12-11 17:35:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.13 Mbit/s

95th percentile per-packet one-way delay: 51.937 ms

Loss rate: 0.59%

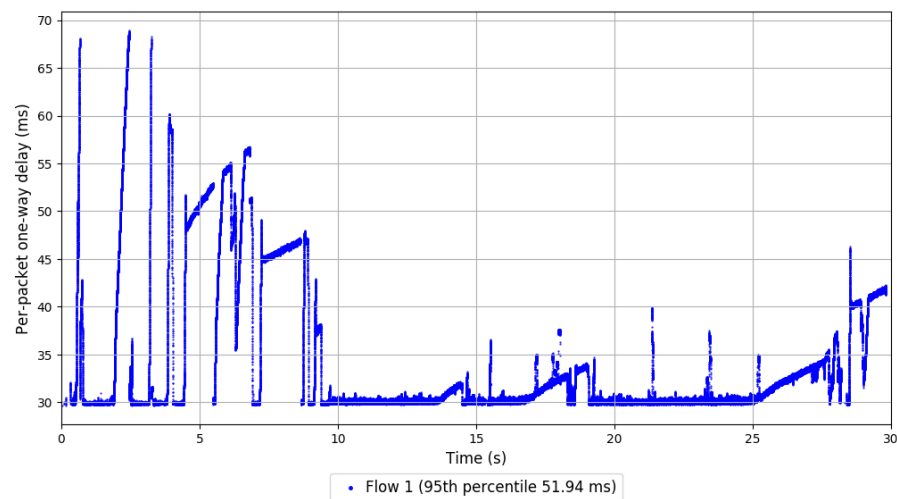
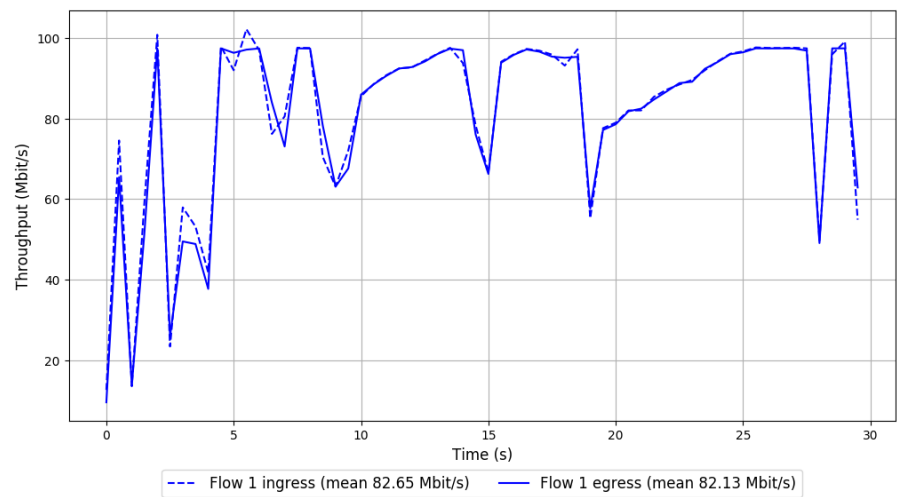
-- Flow 1:

Average throughput: 82.13 Mbit/s

95th percentile per-packet one-way delay: 51.937 ms

Loss rate: 0.59%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-12-11 16:48:37

End at: 2017-12-11 16:49:07

Local clock offset: 0.209 ms

Remote clock offset: -0.118 ms

Below is generated by plot.py at 2017-12-11 17:36:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 35.751 ms

Loss rate: 0.01%

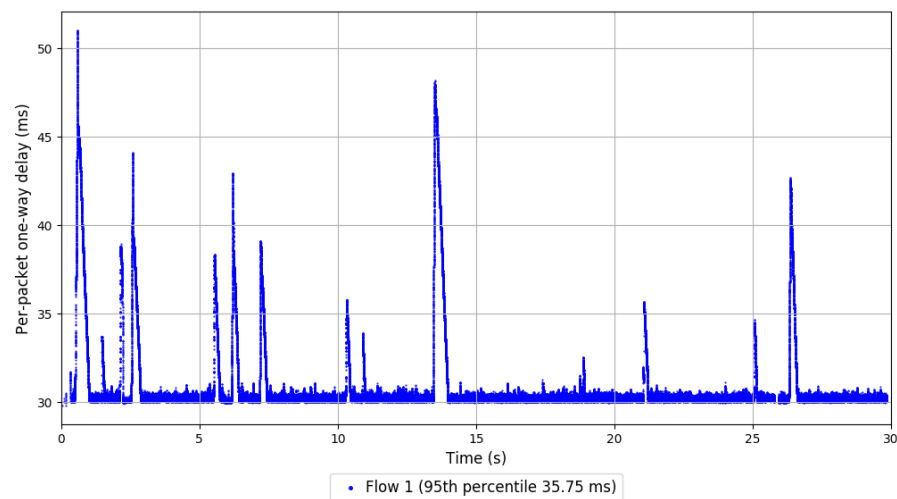
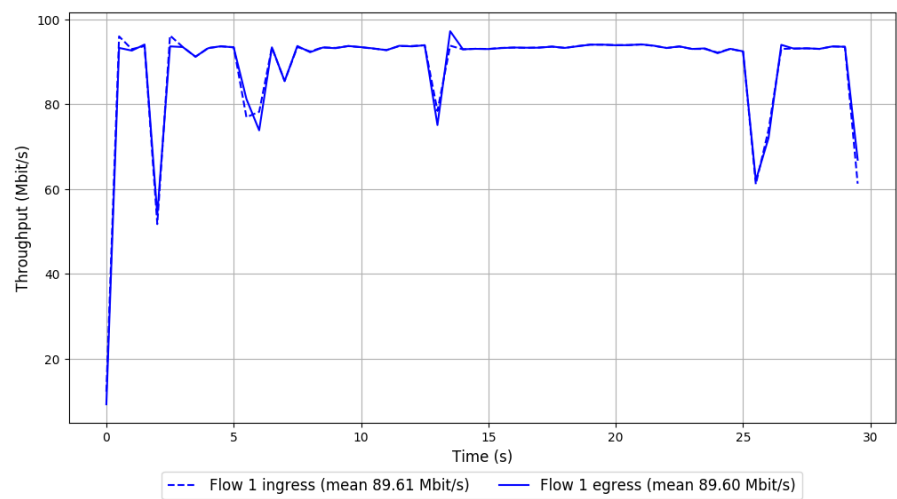
-- Flow 1:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 35.751 ms

Loss rate: 0.01%

Run 10: Report of QUIC Cubic — Data Link

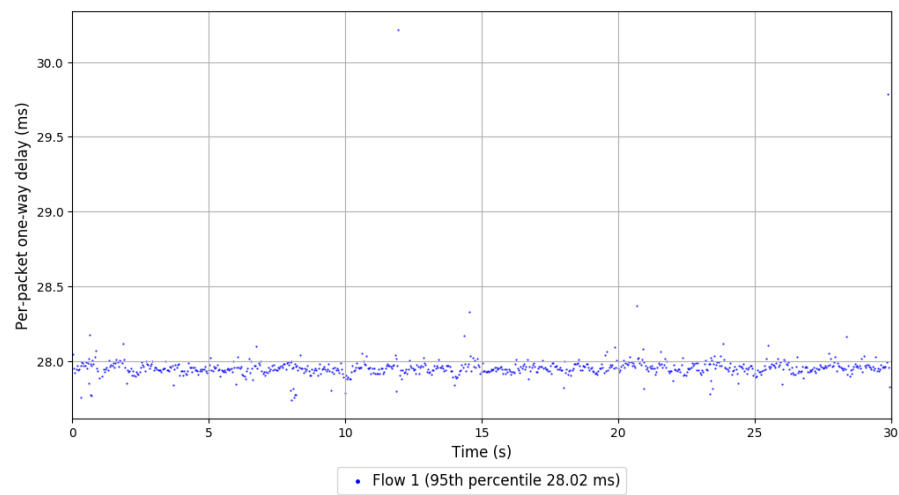
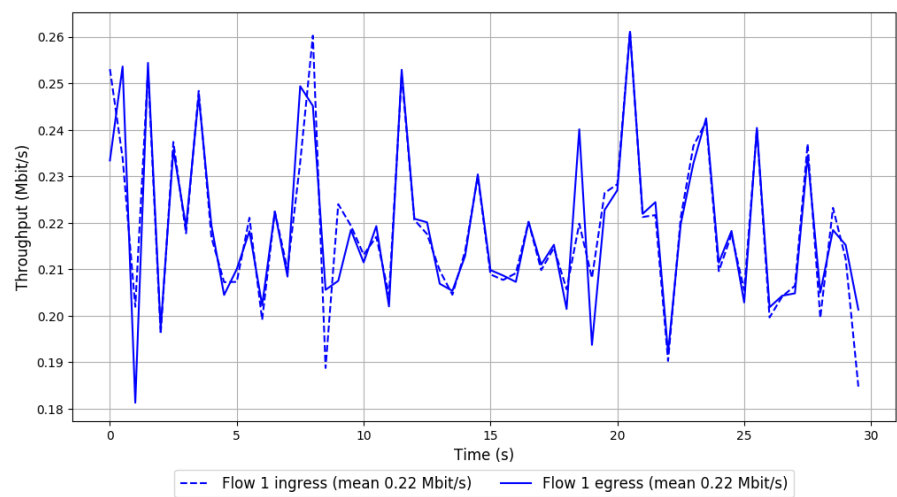


```
Run 1: Statistics of SCReAM

Start at: 2017-12-11 14:11:28
End at: 2017-12-11 14:11:58
Local clock offset: 1.244 ms
Remote clock offset: -2.625 ms

# Below is generated by plot.py at 2017-12-11 17:36:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.020 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.020 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

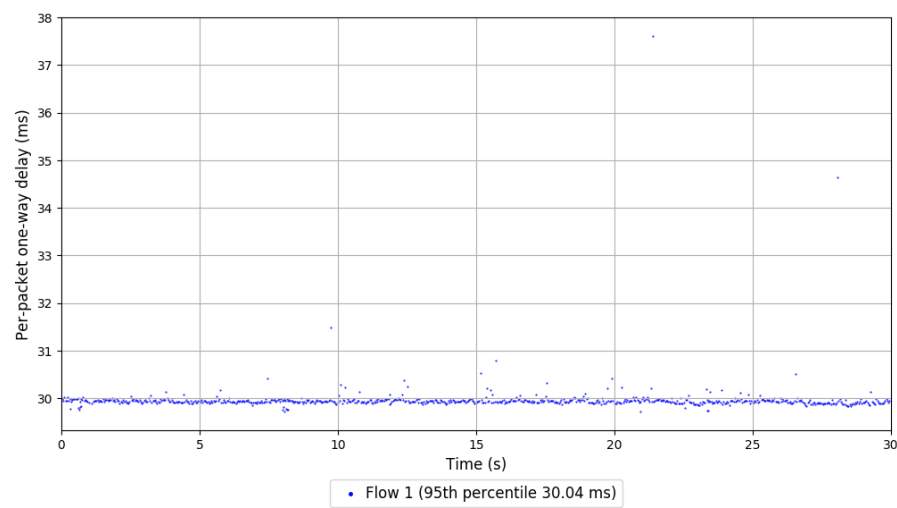
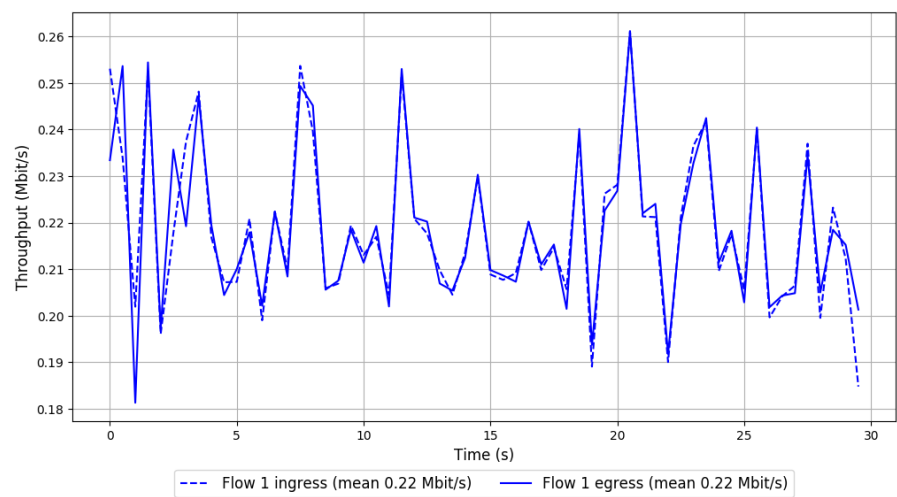


Run 2: Statistics of SCReAM

Start at: 2017-12-11 14:30:49
End at: 2017-12-11 14:31:19
Local clock offset: 1.29 ms
Remote clock offset: -0.936 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.044 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.044 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2017-12-11 14:49:57

End at: 2017-12-11 14:50:27

Local clock offset: 1.084 ms

Remote clock offset: -3.26 ms

Below is generated by plot.py at 2017-12-11 17:36:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 28.037 ms

Loss rate: 0.00%

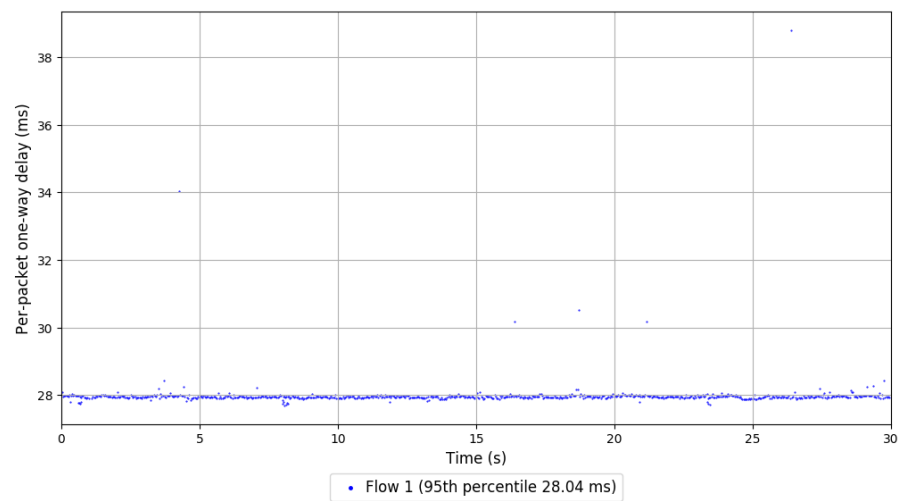
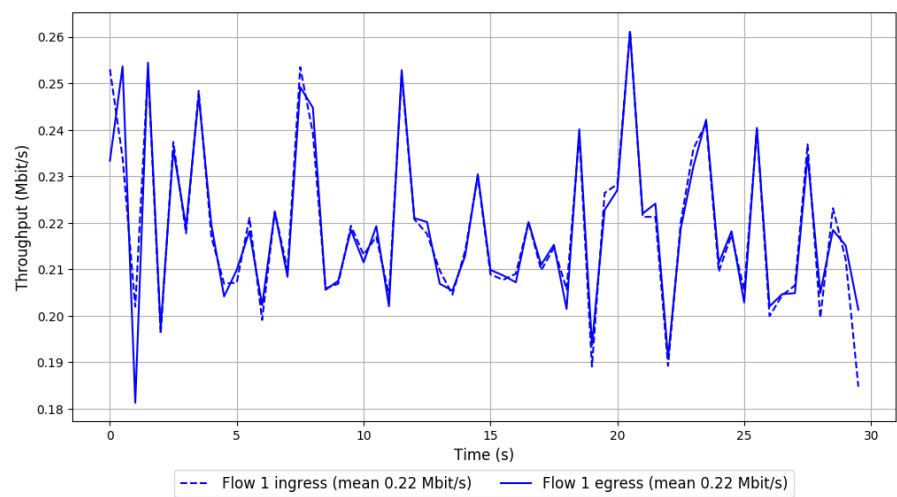
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 28.037 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

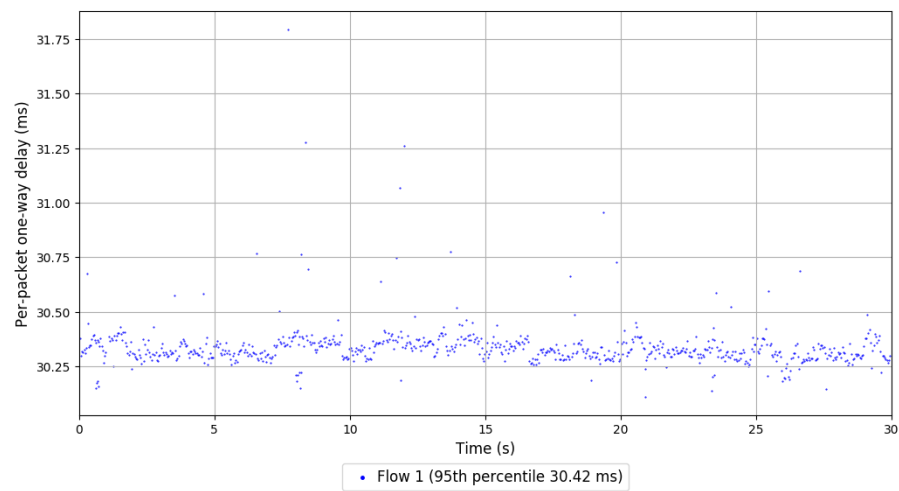
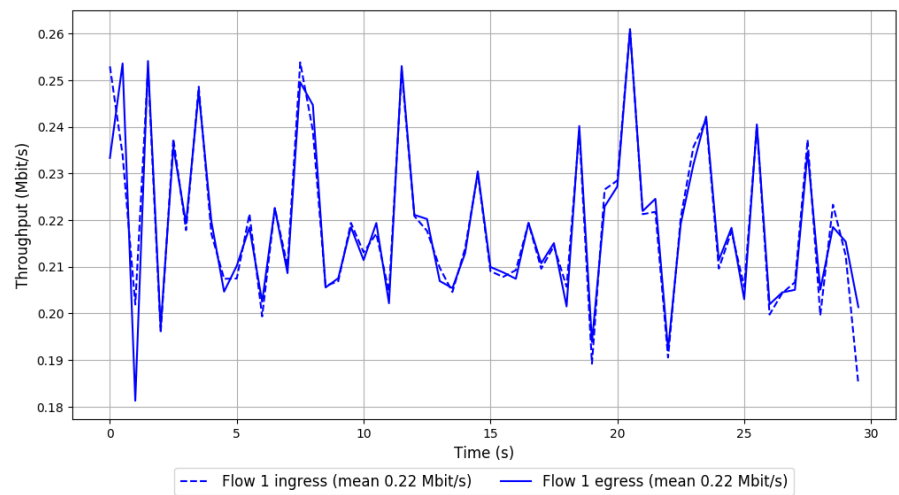


Run 4: Statistics of SCReAM

Start at: 2017-12-11 15:09:26
End at: 2017-12-11 15:09:56
Local clock offset: 0.881 ms
Remote clock offset: -0.836 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.421 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.421 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

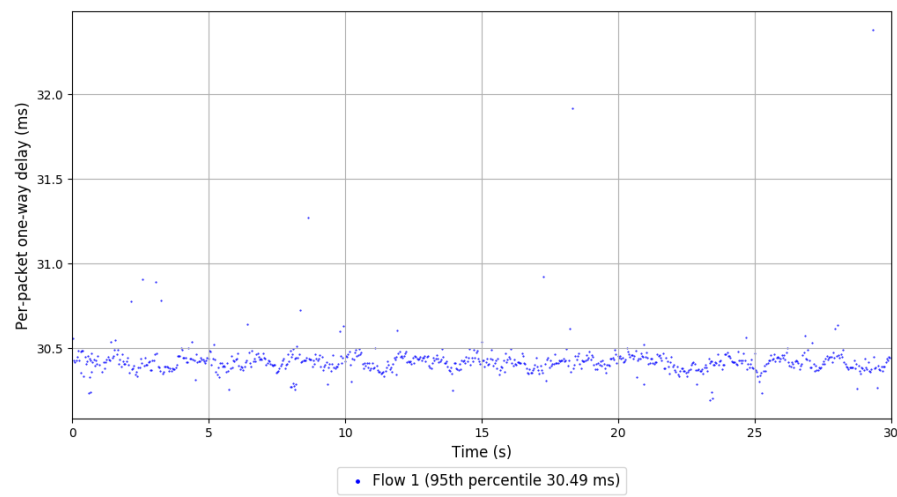
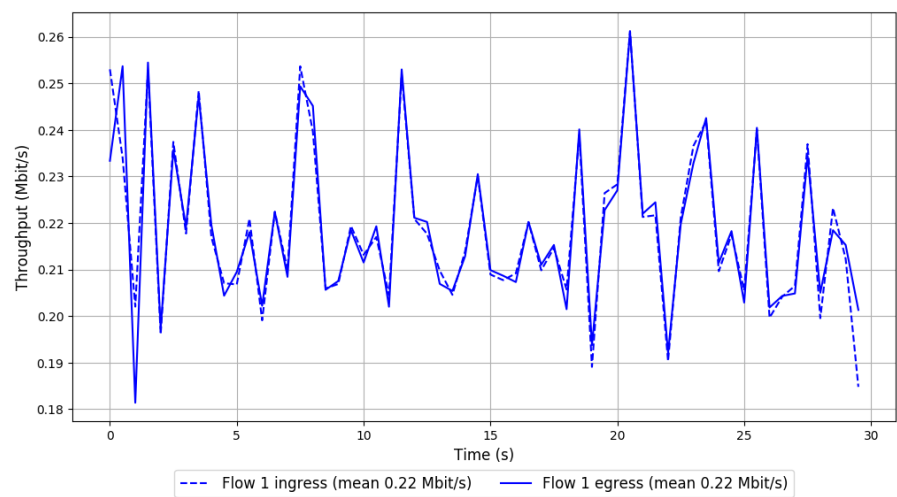


Run 5: Statistics of SCReAM

Start at: 2017-12-11 15:28:39
End at: 2017-12-11 15:29:09
Local clock offset: 0.564 ms
Remote clock offset: -0.865 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.492 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.492 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

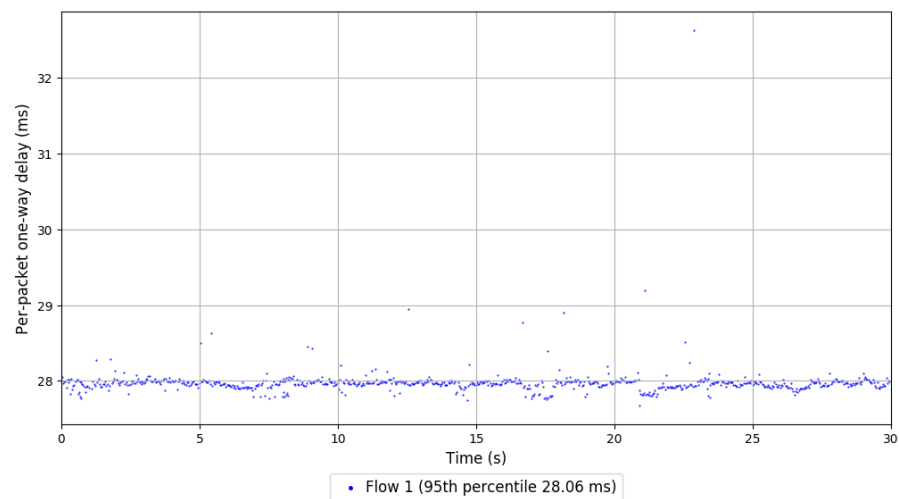
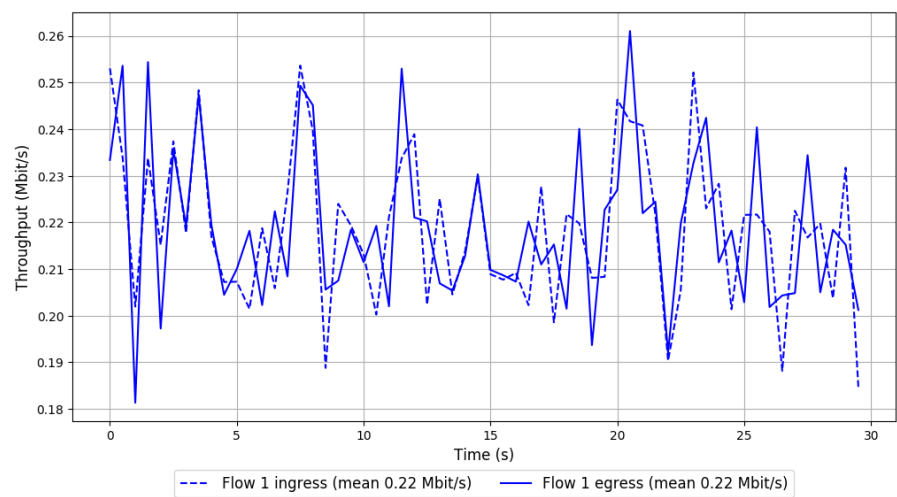


Run 6: Statistics of SCReAM

Start at: 2017-12-11 15:47:36
End at: 2017-12-11 15:48:06
Local clock offset: 0.472 ms
Remote clock offset: -3.203 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.056 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.056 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

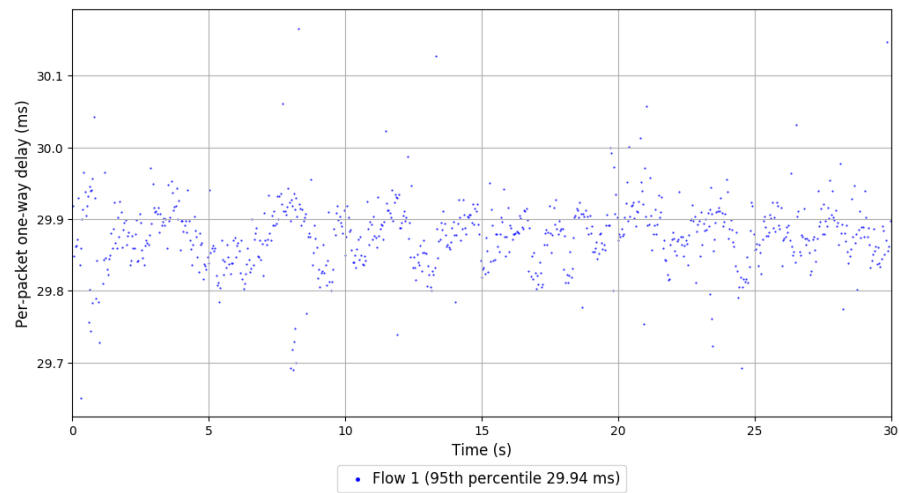
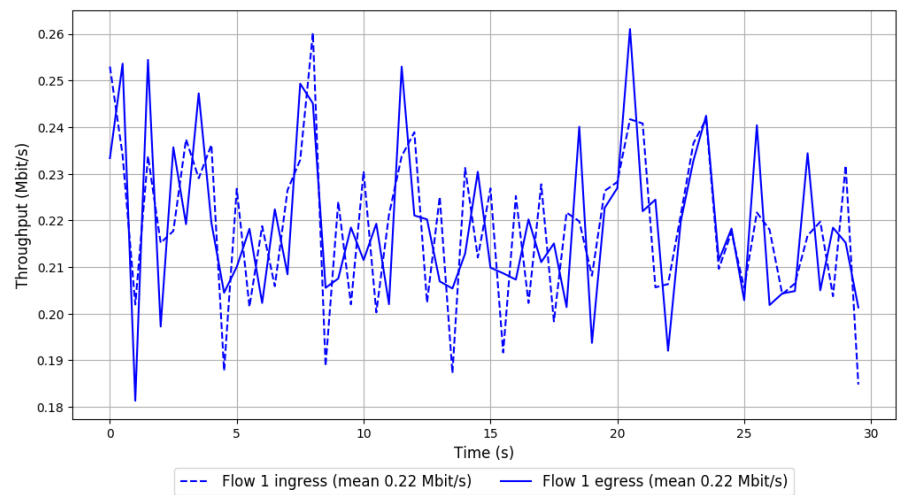


Run 7: Statistics of SCReAM

Start at: 2017-12-11 16:06:27
End at: 2017-12-11 16:06:57
Local clock offset: 0.392 ms
Remote clock offset: -1.013 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.941 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.941 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

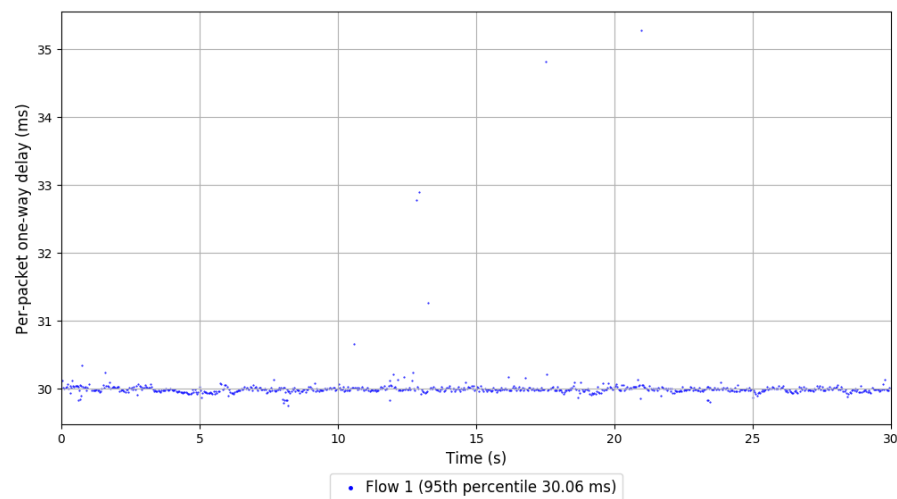
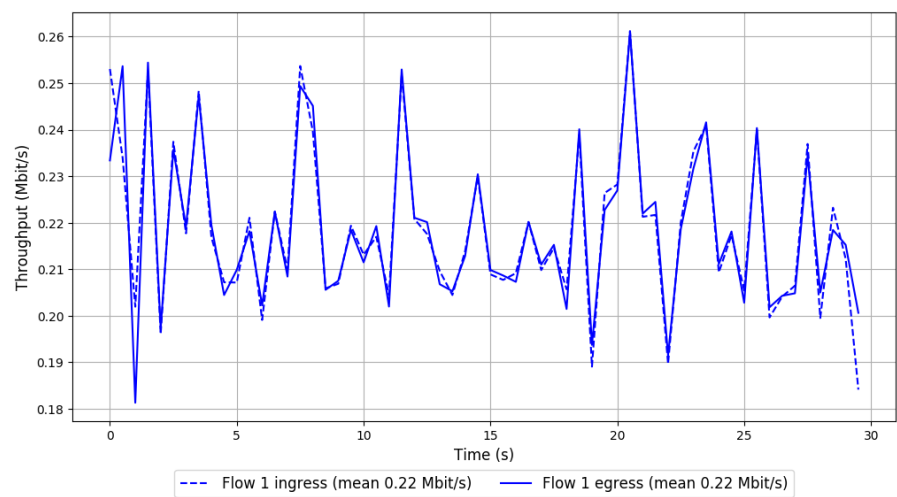


Run 8: Statistics of SCReAM

Start at: 2017-12-11 16:25:32
End at: 2017-12-11 16:26:02
Local clock offset: 0.238 ms
Remote clock offset: -0.699 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.062 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.062 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

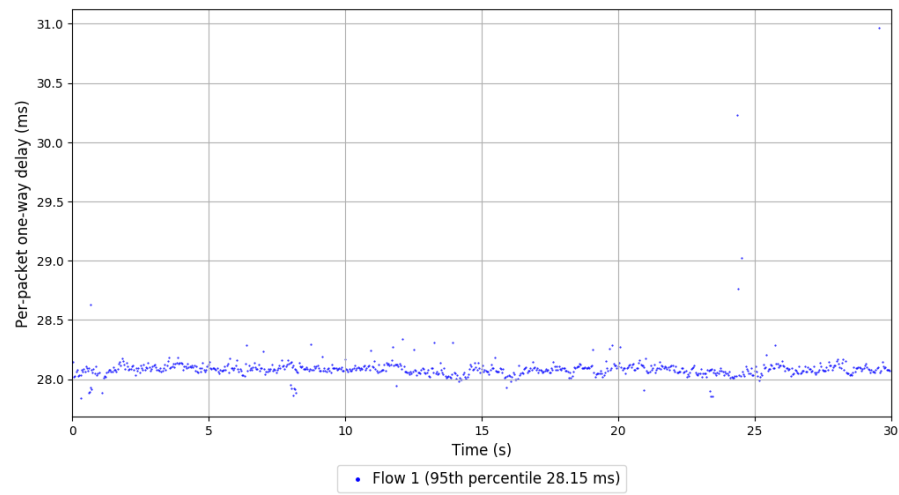
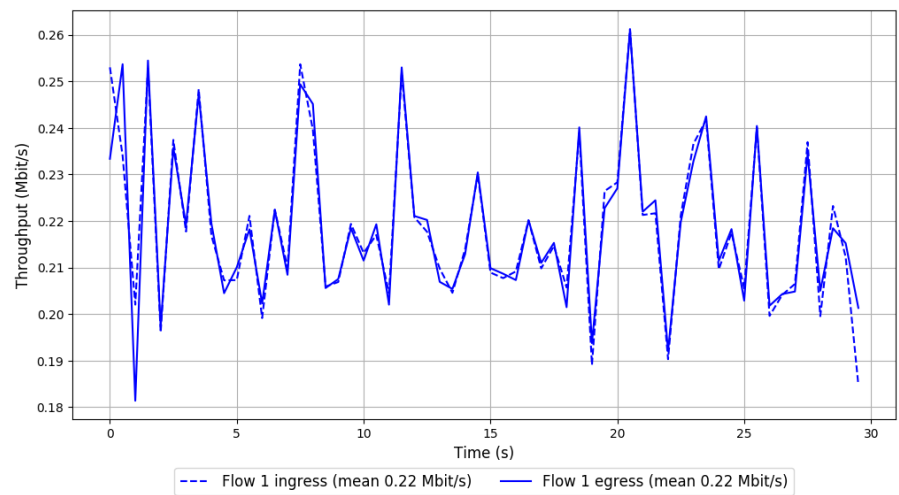


Run 9: Statistics of SCReAM

Start at: 2017-12-11 16:44:40
End at: 2017-12-11 16:45:10
Local clock offset: 0.185 ms
Remote clock offset: -2.269 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.154 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

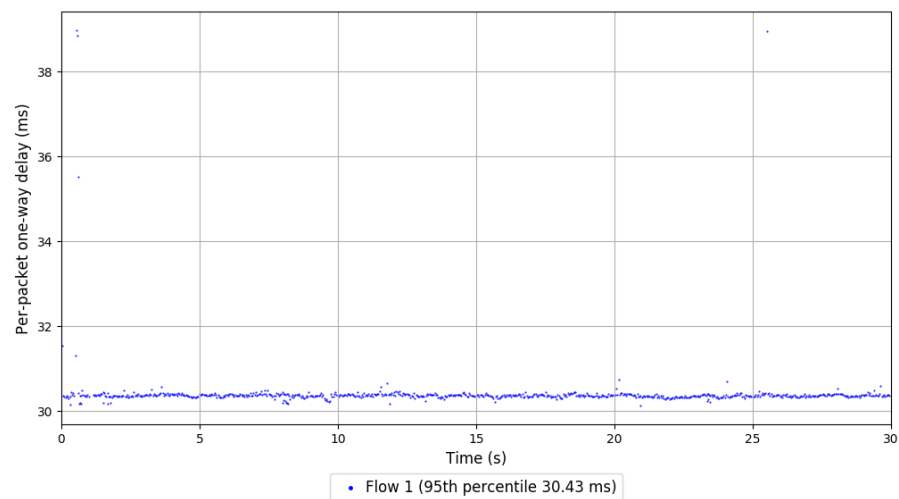
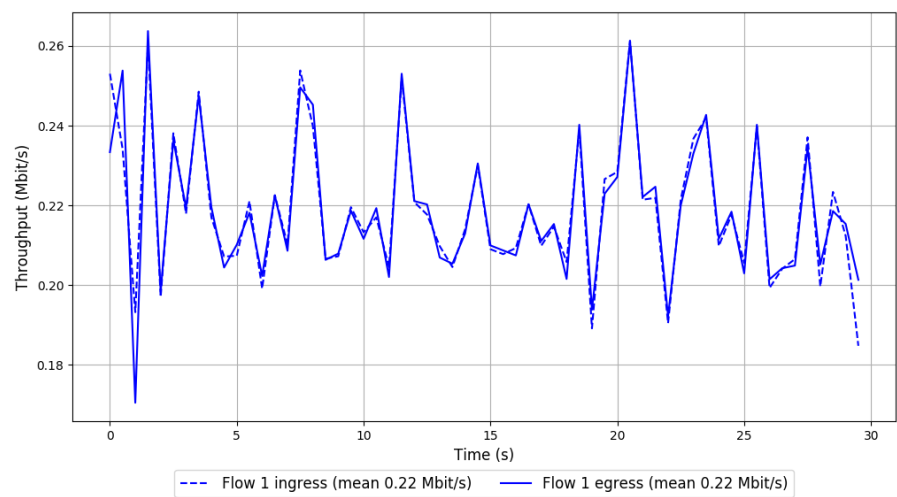


```
Run 10: Statistics of SCReAM

Start at: 2017-12-11 17:03:26
End at: 2017-12-11 17:03:56
Local clock offset: 0.347 ms
Remote clock offset: 0.296 ms

# Below is generated by plot.py at 2017-12-11 17:36:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.427 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.427 ms
Loss rate: 0.00%
```

Run 10: Report of SReAM — Data Link

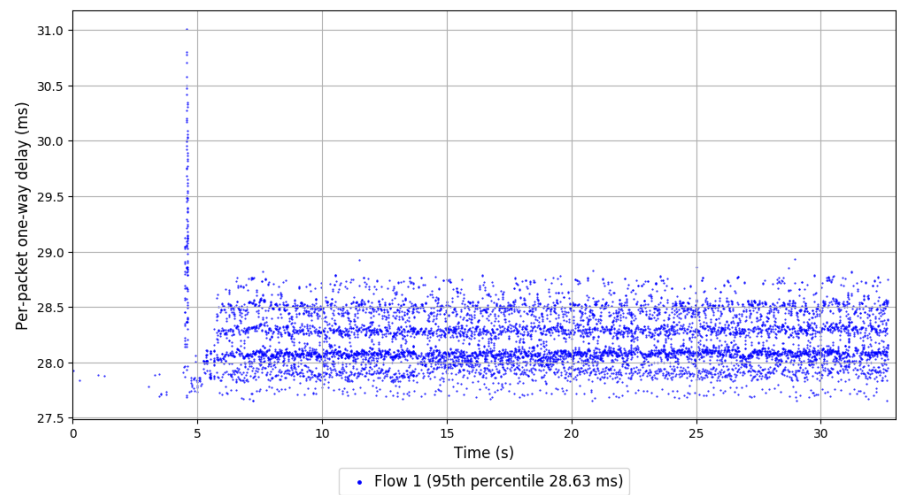
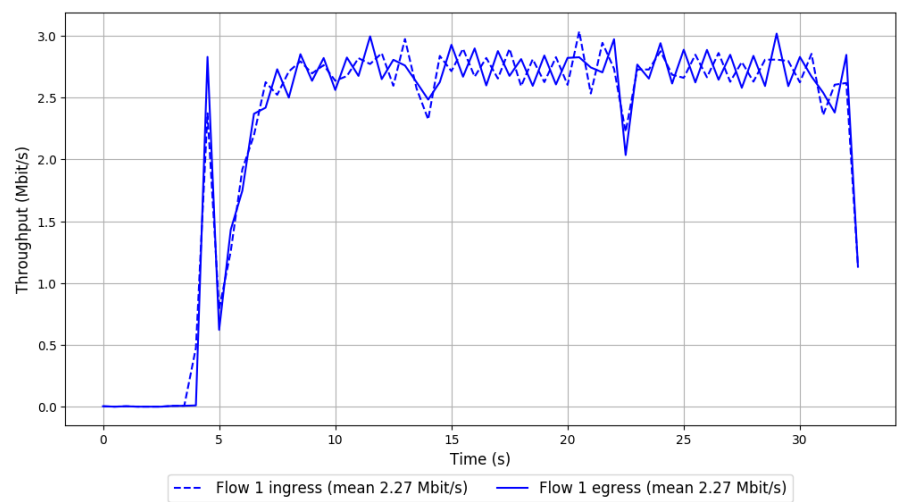


```
Run 1: Statistics of WebRTC media

Start at: 2017-12-11 14:14:13
End at: 2017-12-11 14:14:43
Local clock offset: 1.262 ms
Remote clock offset: -2.572 ms

# Below is generated by plot.py at 2017-12-11 17:36:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 28.633 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 28.633 ms
Loss rate: 0.00%
```


Run 1: Report of WebRTC media — Data Link

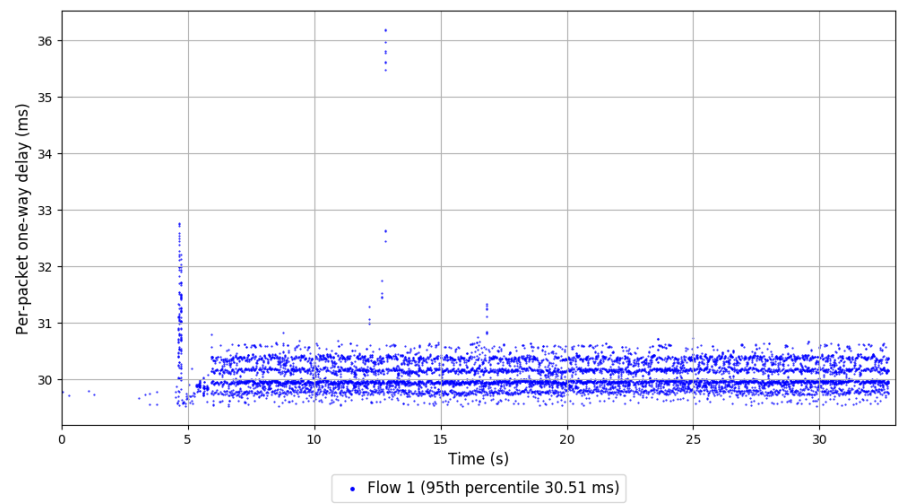
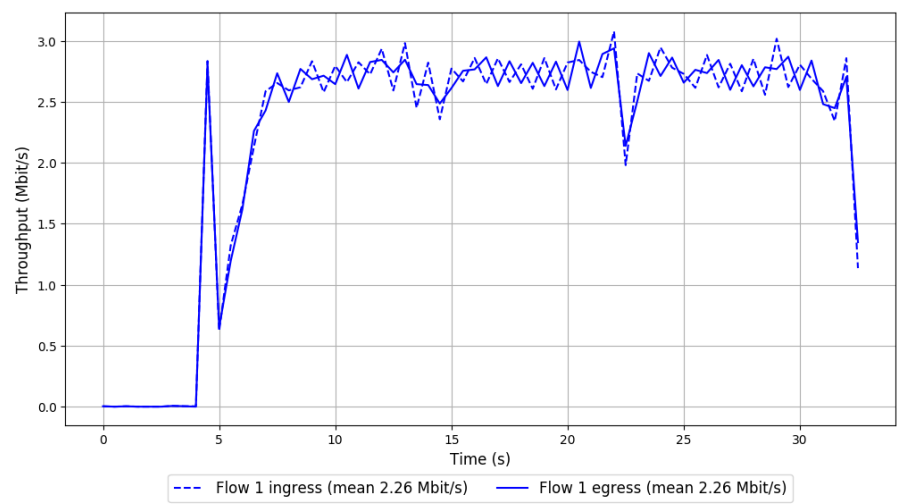


Run 2: Statistics of WebRTC media

Start at: 2017-12-11 14:33:33
End at: 2017-12-11 14:34:03
Local clock offset: 1.312 ms
Remote clock offset: -0.966 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 30.507 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 30.507 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

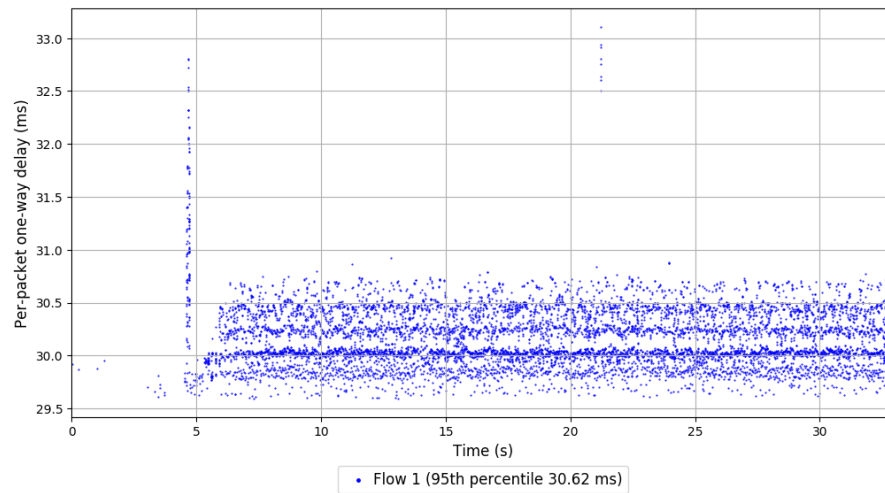
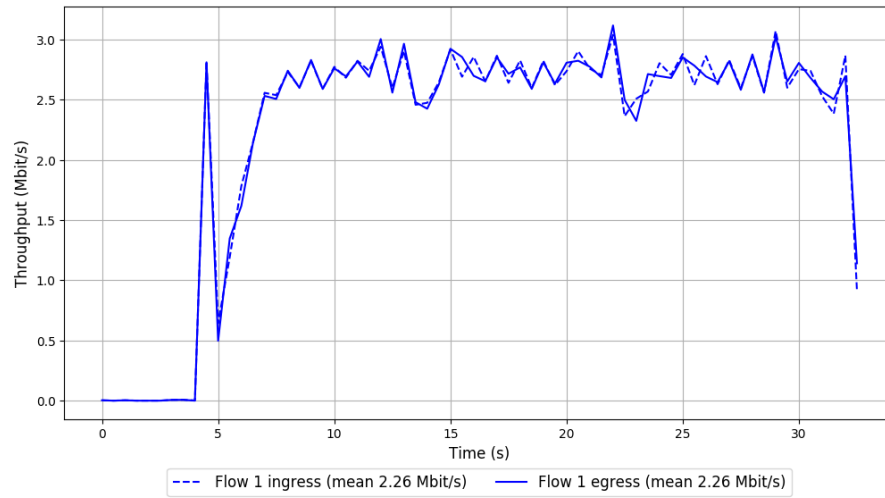


Run 3: Statistics of WebRTC media

Start at: 2017-12-11 14:52:37
End at: 2017-12-11 14:53:07
Local clock offset: 1.052 ms
Remote clock offset: -1.213 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 30.618 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 30.618 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

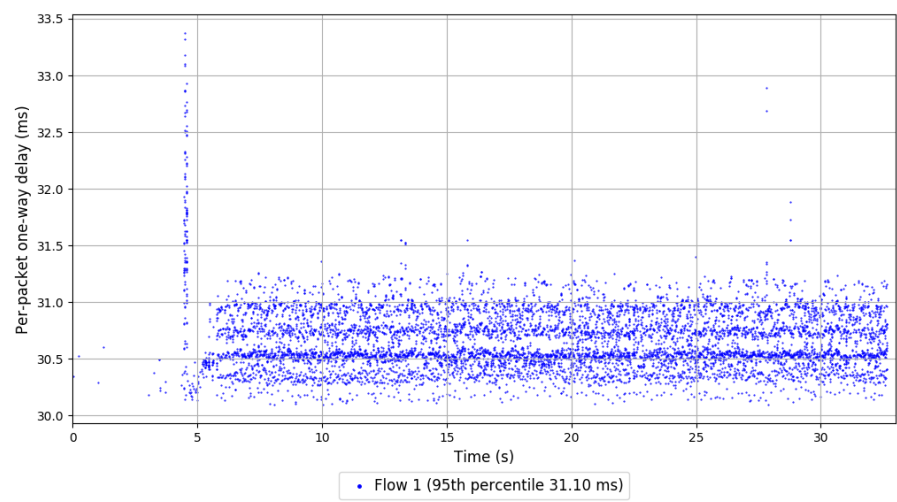
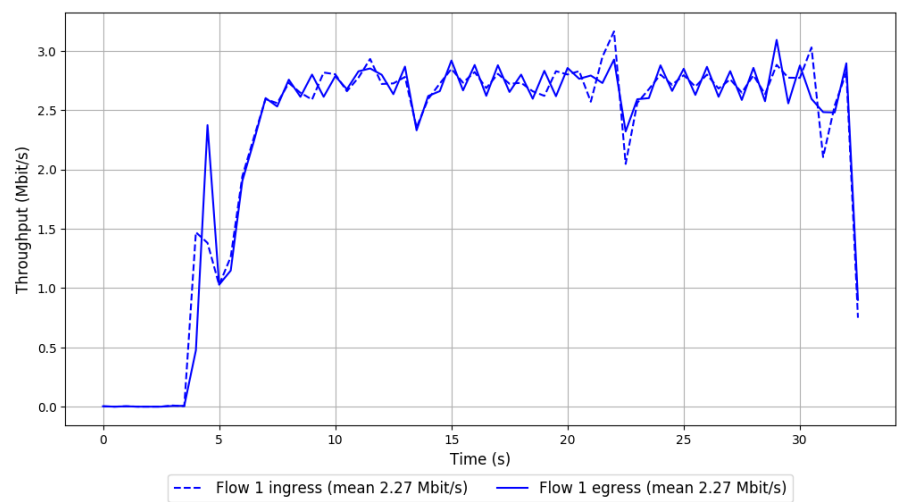


Run 4: Statistics of WebRTC media

Start at: 2017-12-11 15:12:12
End at: 2017-12-11 15:12:42
Local clock offset: 0.76 ms
Remote clock offset: -0.776 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 31.096 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 31.096 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-12-11 15:31:21

End at: 2017-12-11 15:31:51

Local clock offset: 0.557 ms

Remote clock offset: -1.17 ms

Below is generated by plot.py at 2017-12-11 17:36:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 30.768 ms

Loss rate: 0.00%

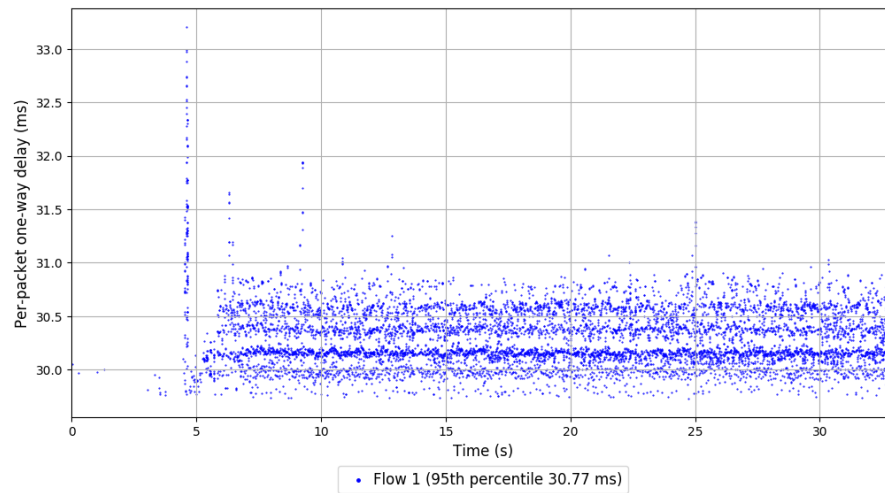
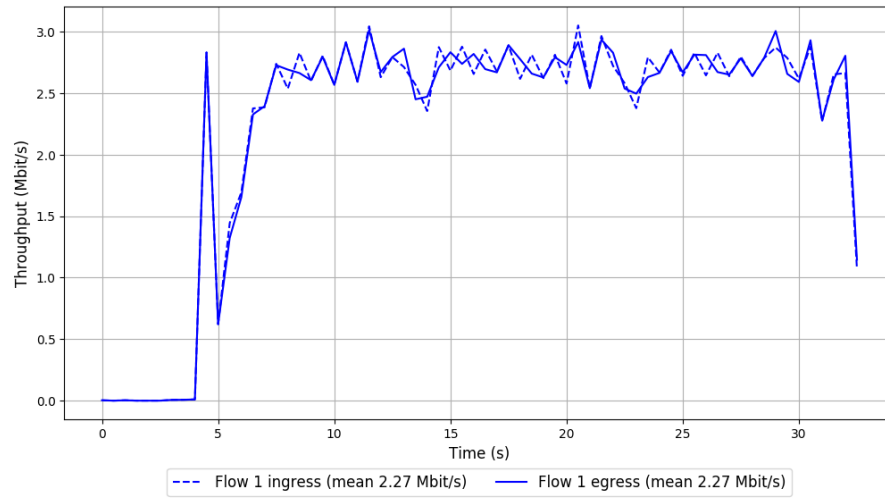
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 30.768 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

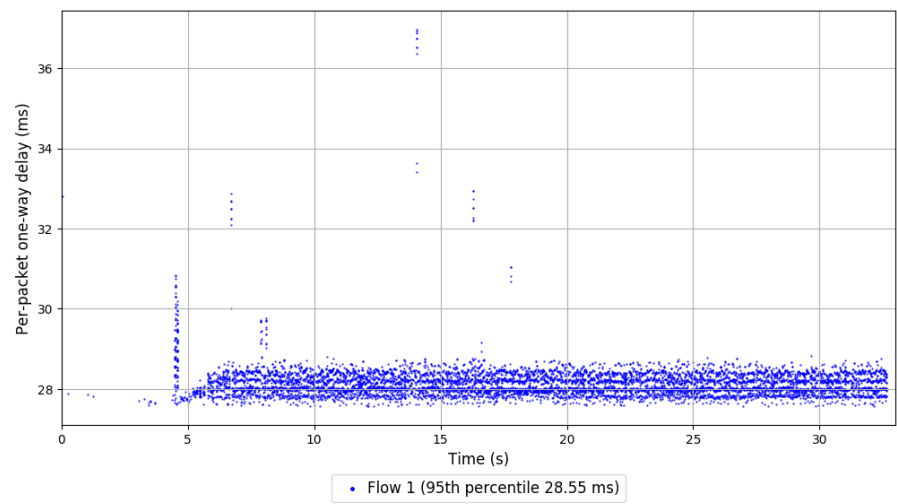
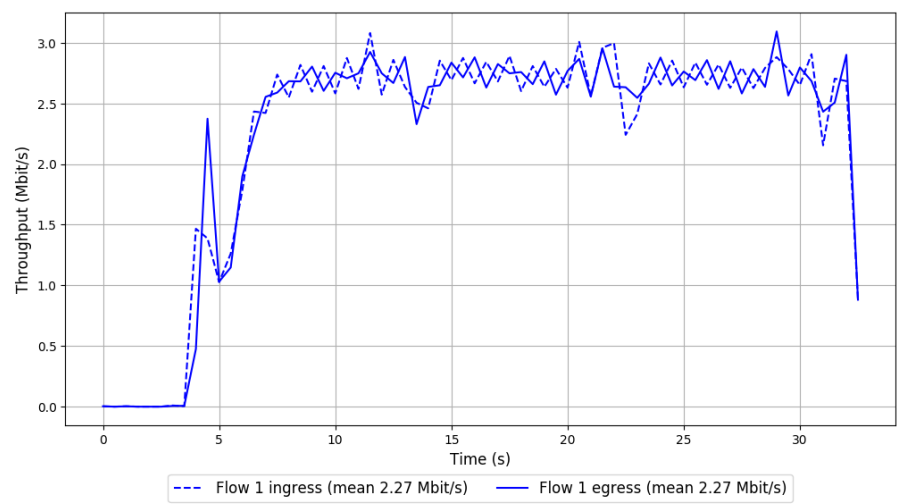


Run 6: Statistics of WebRTC media

Start at: 2017-12-11 15:50:16
End at: 2017-12-11 15:50:46
Local clock offset: 0.49 ms
Remote clock offset: -3.146 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 28.554 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 28.554 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

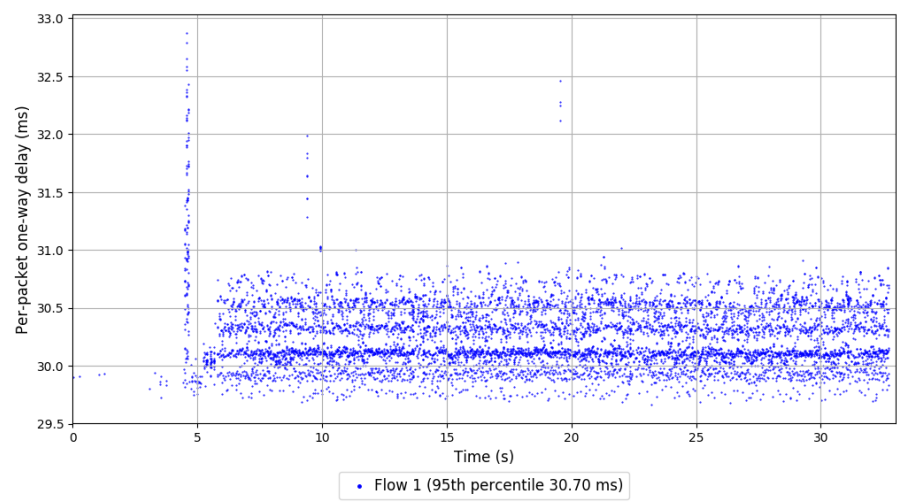
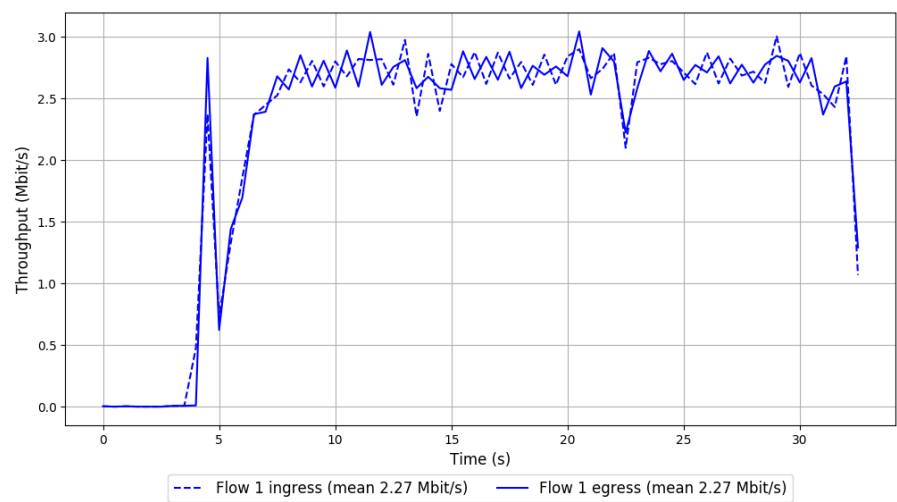


Run 7: Statistics of WebRTC media

Start at: 2017-12-11 16:09:07
End at: 2017-12-11 16:09:37
Local clock offset: 0.357 ms
Remote clock offset: -0.803 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.702 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.702 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

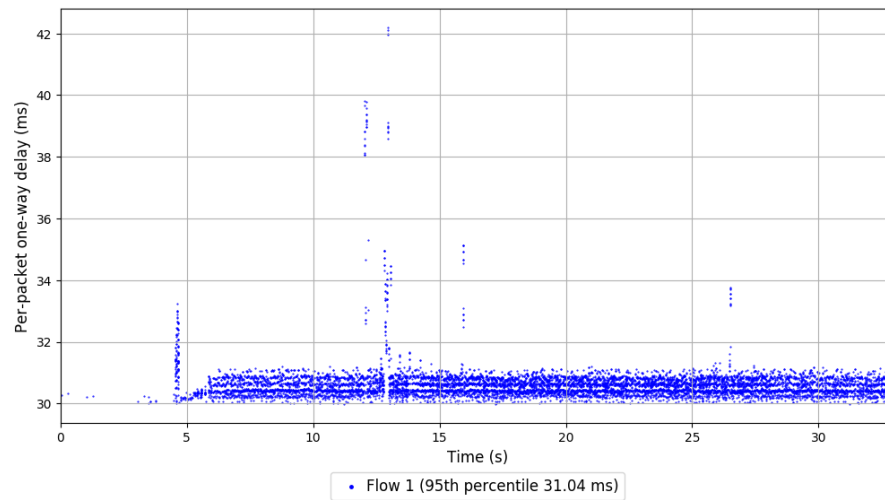
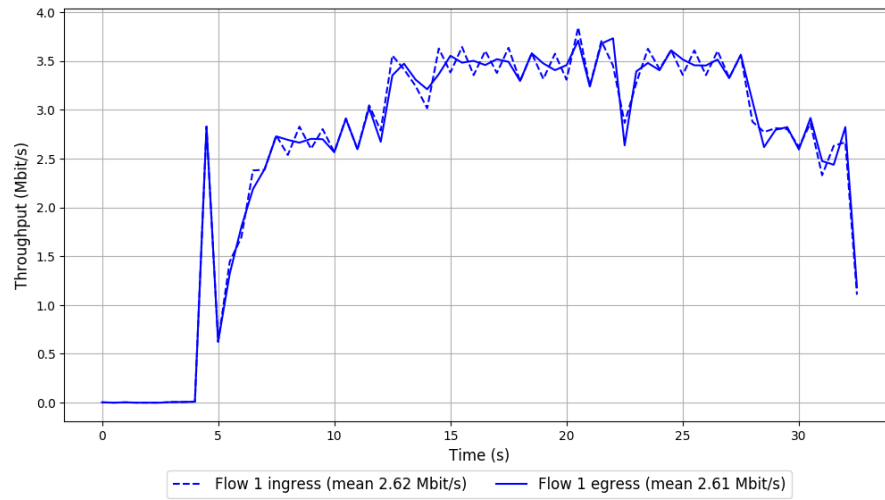


Run 8: Statistics of WebRTC media

Start at: 2017-12-11 16:28:14
End at: 2017-12-11 16:28:44
Local clock offset: 0.326 ms
Remote clock offset: -0.173 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 31.039 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 31.039 ms
Loss rate: 0.13%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-12-11 16:47:20

End at: 2017-12-11 16:47:50

Local clock offset: 0.223 ms

Remote clock offset: 0.263 ms

Below is generated by plot.py at 2017-12-11 17:36:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 31.177 ms

Loss rate: 0.00%

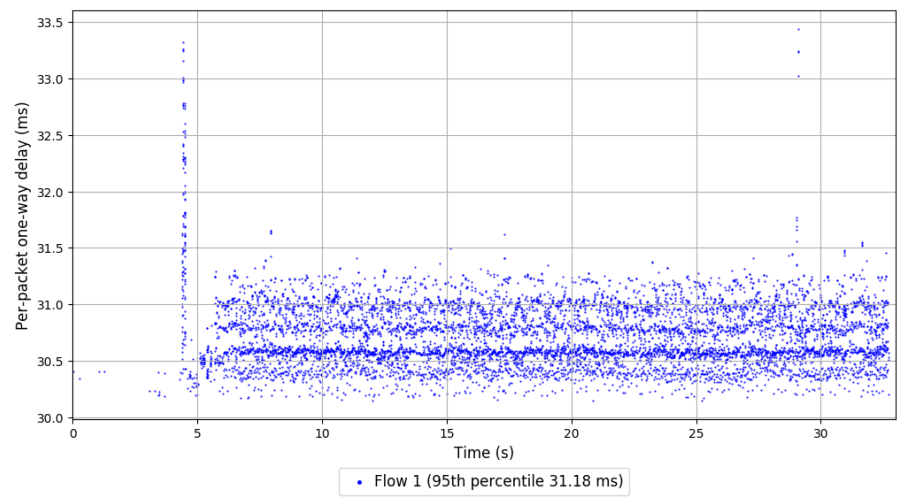
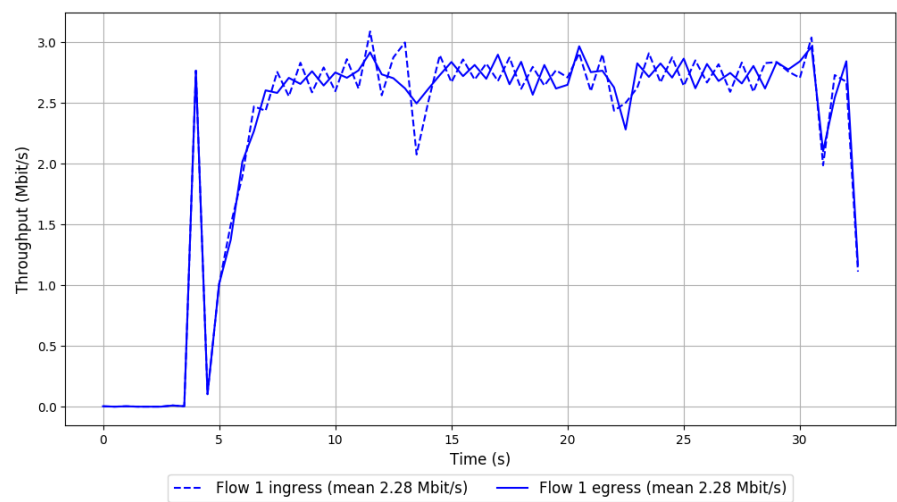
-- Flow 1:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 31.177 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-12-11 17:06:09

End at: 2017-12-11 17:06:39

Local clock offset: 0.356 ms

Remote clock offset: -0.168 ms

Below is generated by plot.py at 2017-12-11 17:36:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 30.510 ms

Loss rate: 0.03%

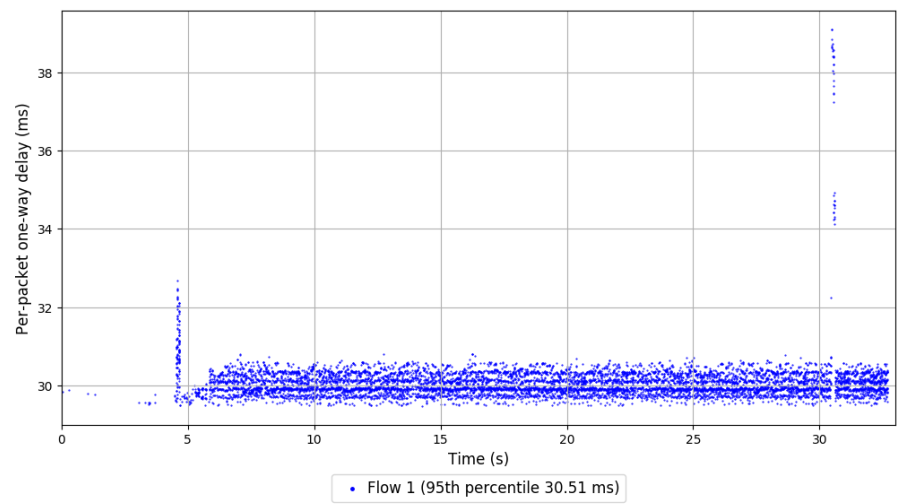
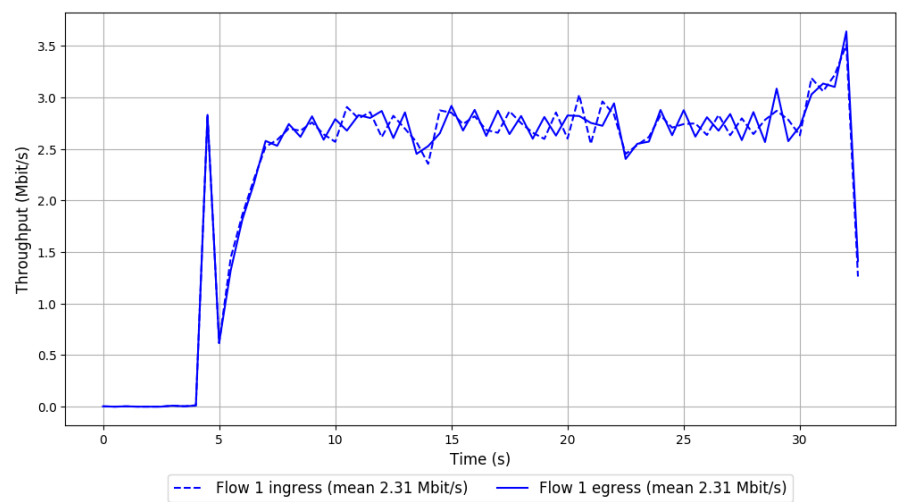
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 30.510 ms

Loss rate: 0.03%

Run 10: Report of WebRTC media — Data Link

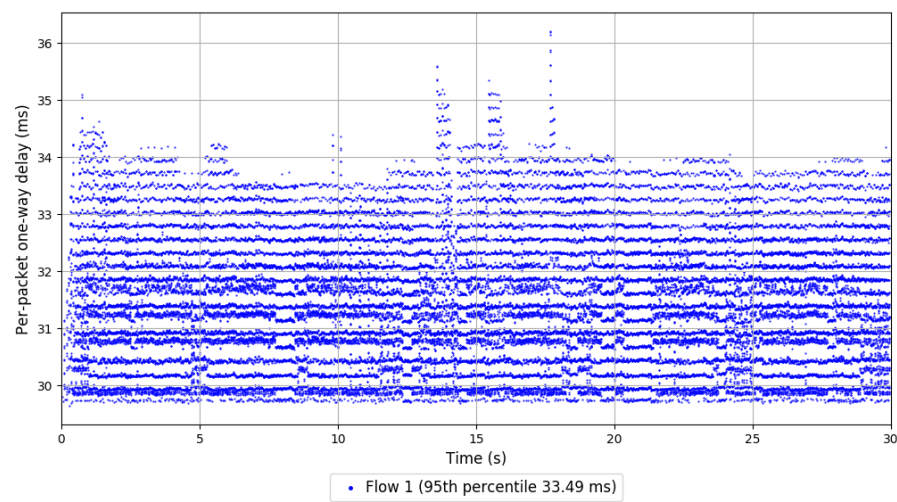
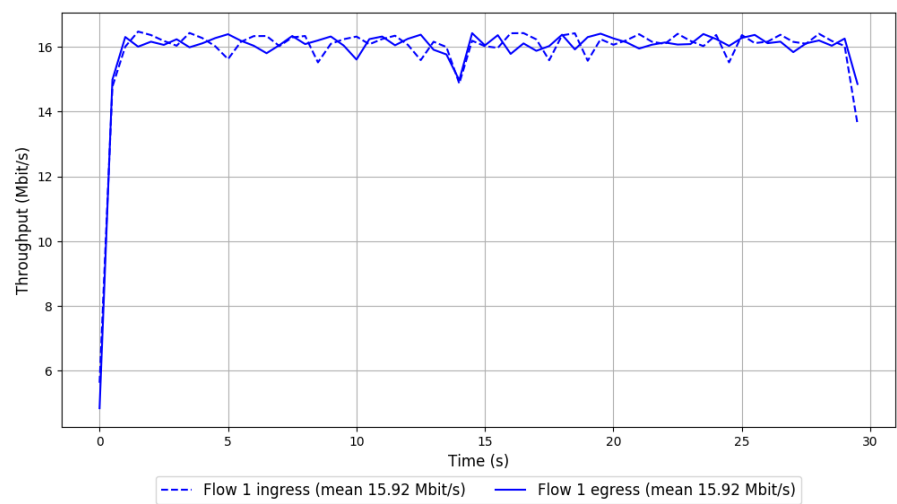


Run 1: Statistics of Sprout

Start at: 2017-12-11 14:03:16
End at: 2017-12-11 14:03:46
Local clock offset: 1.447 ms
Remote clock offset: -0.465 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 33.493 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 33.493 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

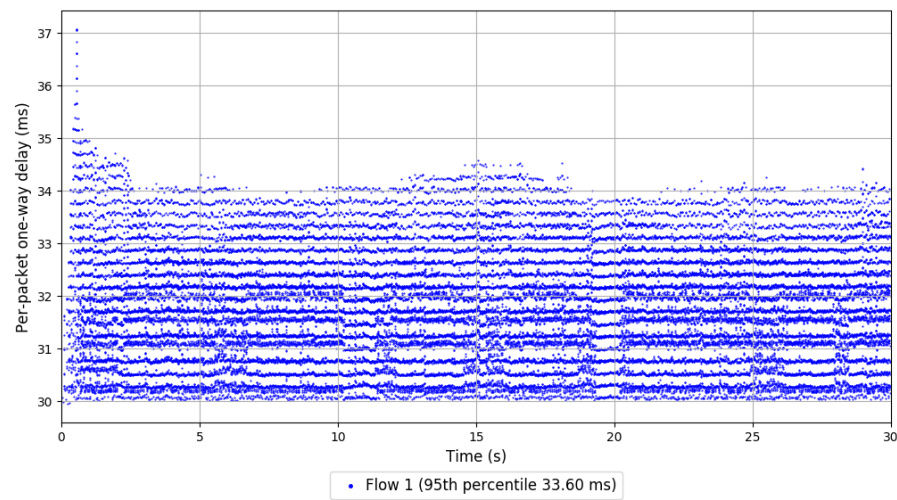
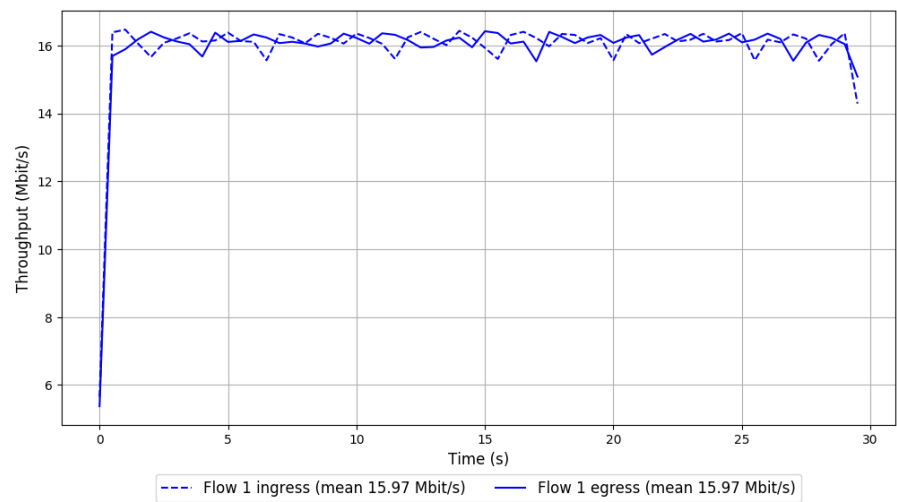


Run 2: Statistics of Sprout

Start at: 2017-12-11 14:22:19
End at: 2017-12-11 14:22:49
Local clock offset: 1.24 ms
Remote clock offset: -0.594 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 33.604 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 33.604 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

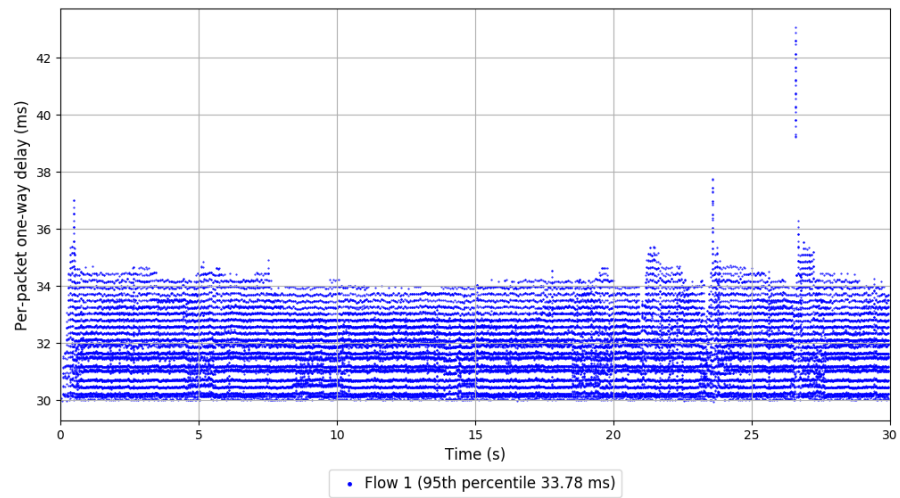
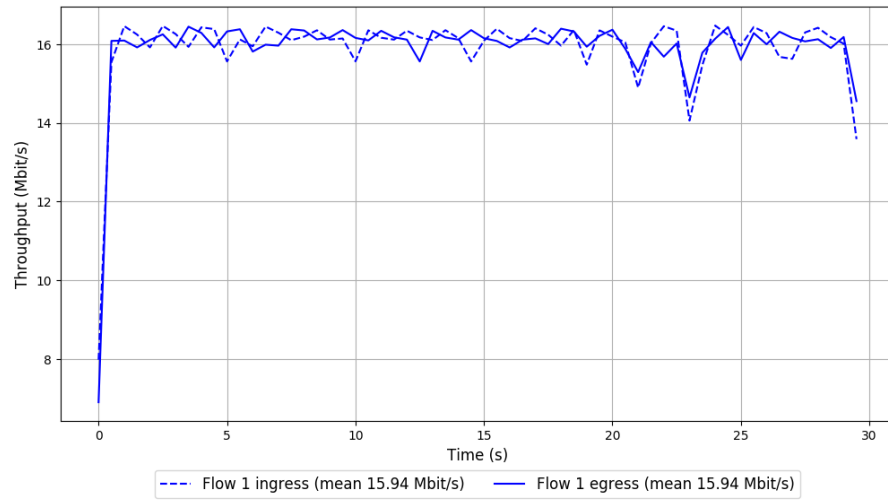


Run 3: Statistics of Sprout

Start at: 2017-12-11 14:41:35
End at: 2017-12-11 14:42:05
Local clock offset: 1.269 ms
Remote clock offset: -0.899 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 33.777 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 33.777 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

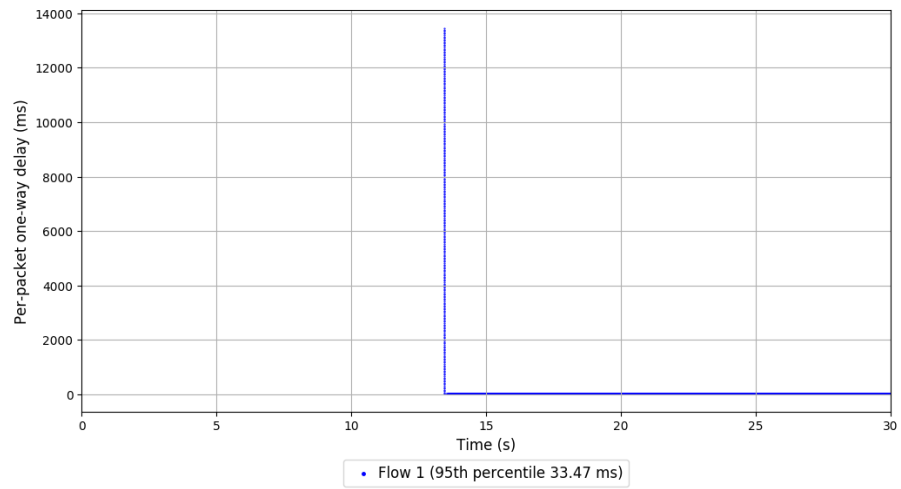
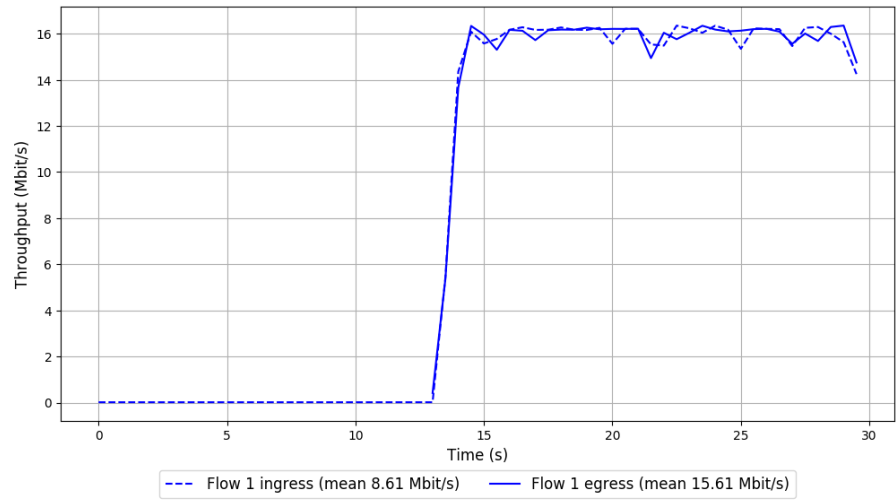
Start at: 2017-12-11 15:00:57

End at: 2017-12-11 15:01:27

Local clock offset: 0.924 ms

Remote clock offset: -1.196 ms

Run 4: Report of Sprout — Data Link

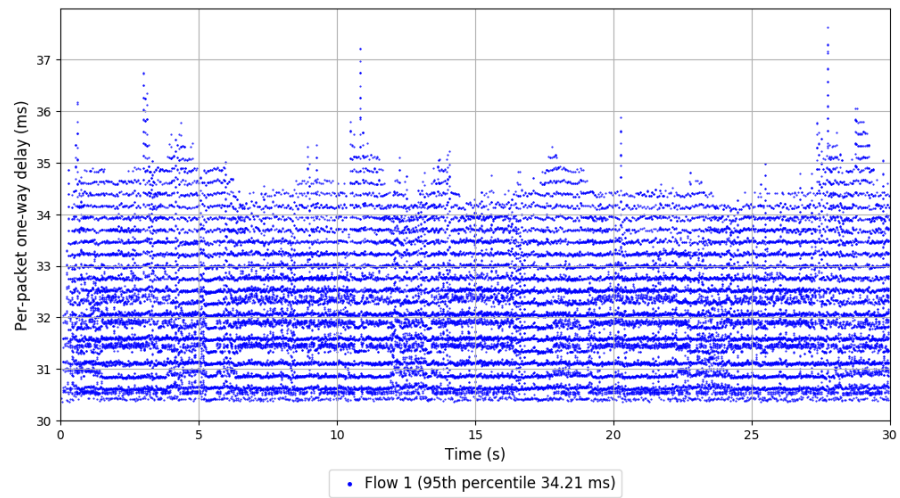
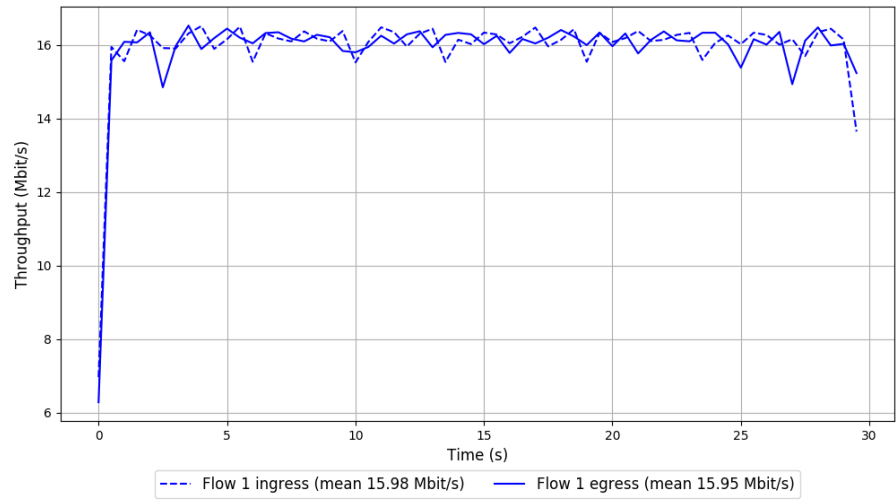


Run 5: Statistics of Sprout

Start at: 2017-12-11 15:20:24
End at: 2017-12-11 15:20:54
Local clock offset: 0.64 ms
Remote clock offset: -0.713 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 34.208 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 34.208 ms
Loss rate: 0.18%

Run 5: Report of Sprout — Data Link

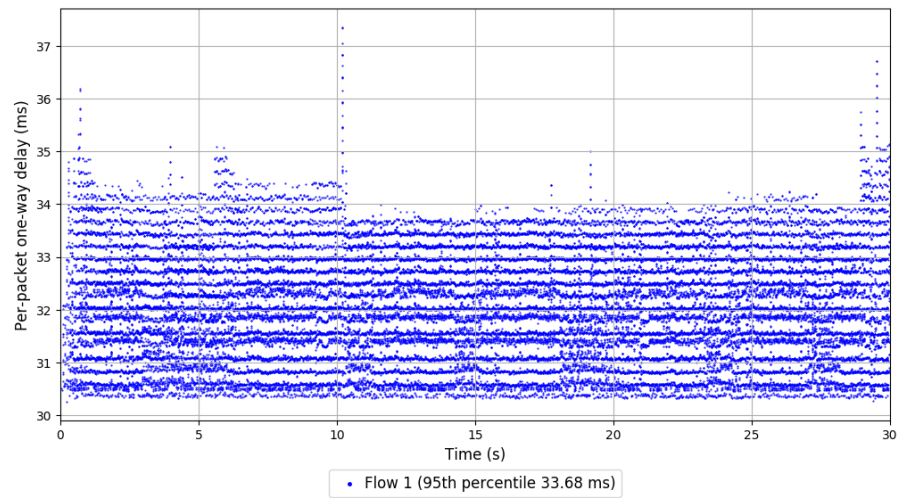
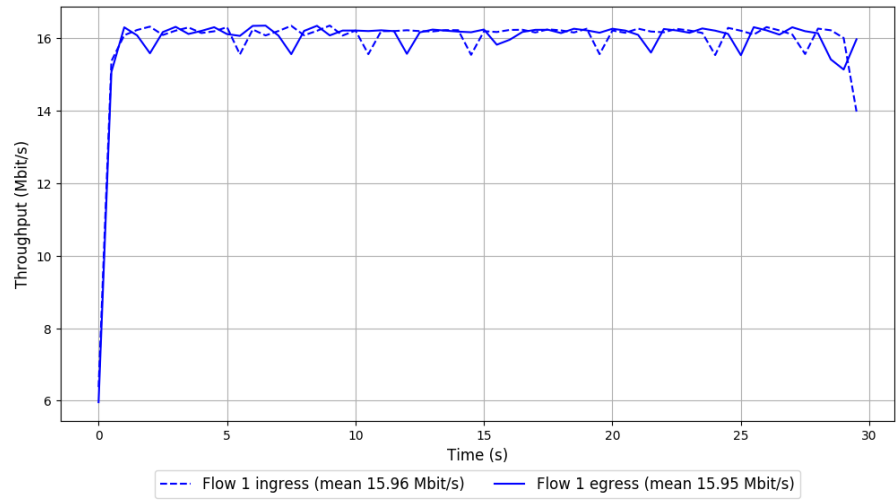


Run 6: Statistics of Sprout

Start at: 2017-12-11 15:39:23
End at: 2017-12-11 15:39:53
Local clock offset: 0.579 ms
Remote clock offset: -0.718 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 33.681 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 33.681 ms
Loss rate: 0.04%

Run 6: Report of Sprout — Data Link

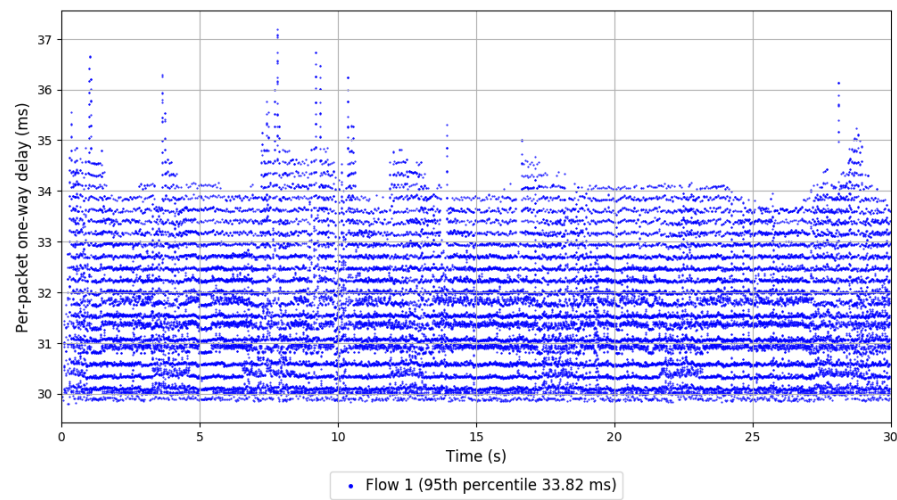
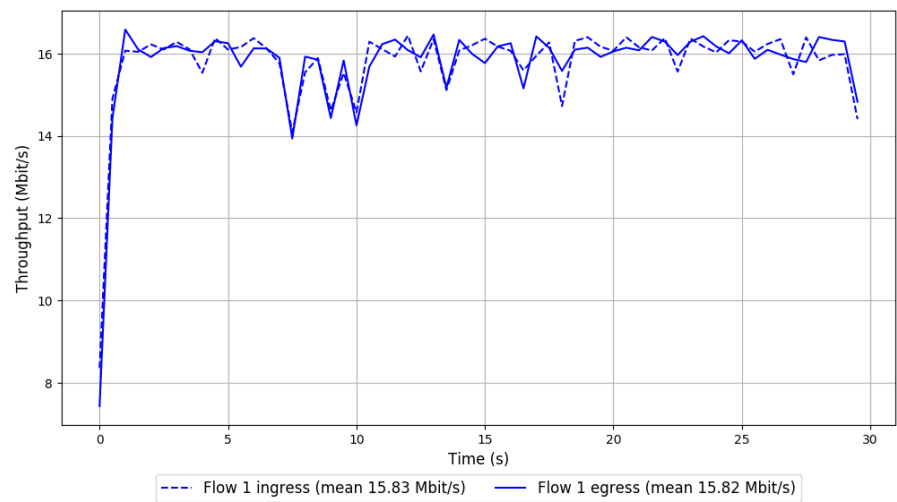


Run 7: Statistics of Sprout

Start at: 2017-12-11 15:58:17
End at: 2017-12-11 15:58:47
Local clock offset: 0.462 ms
Remote clock offset: -1.037 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: 33.817 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: 33.817 ms
Loss rate: 0.04%

Run 7: Report of Sprout — Data Link

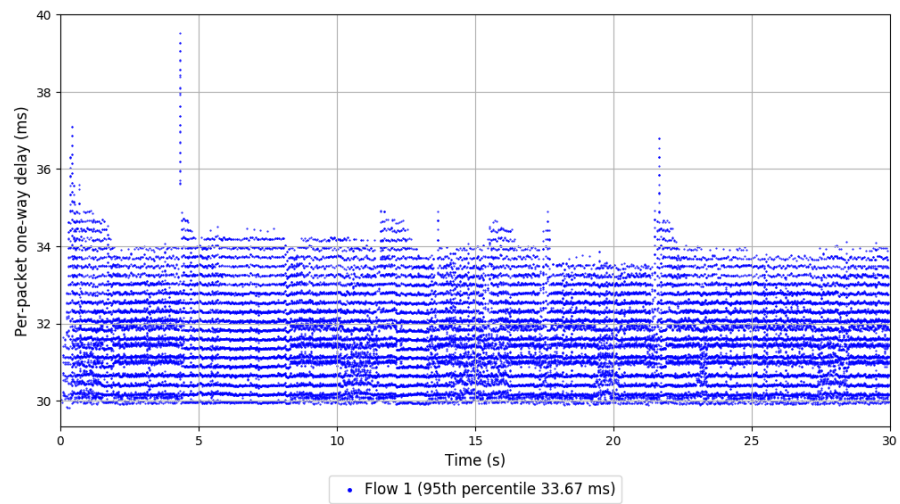
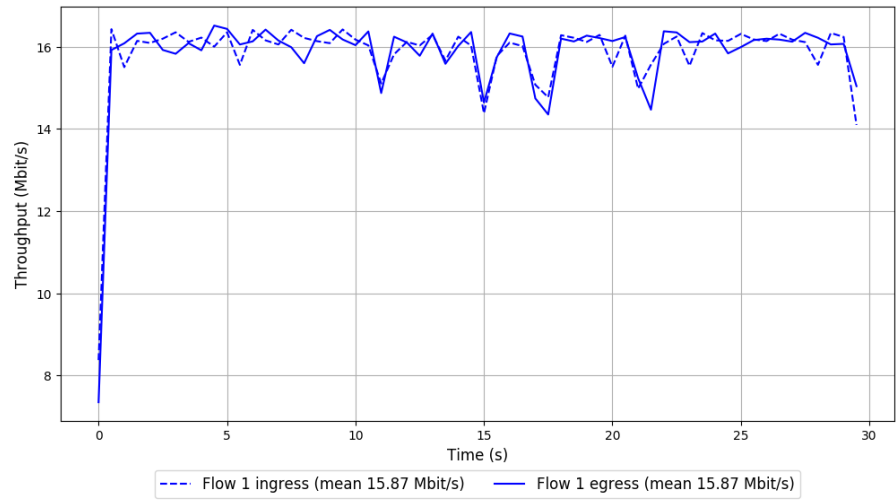


Run 8: Statistics of Sprout

Start at: 2017-12-11 16:17:10
End at: 2017-12-11 16:17:40
Local clock offset: 0.399 ms
Remote clock offset: -0.676 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 33.672 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 33.672 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

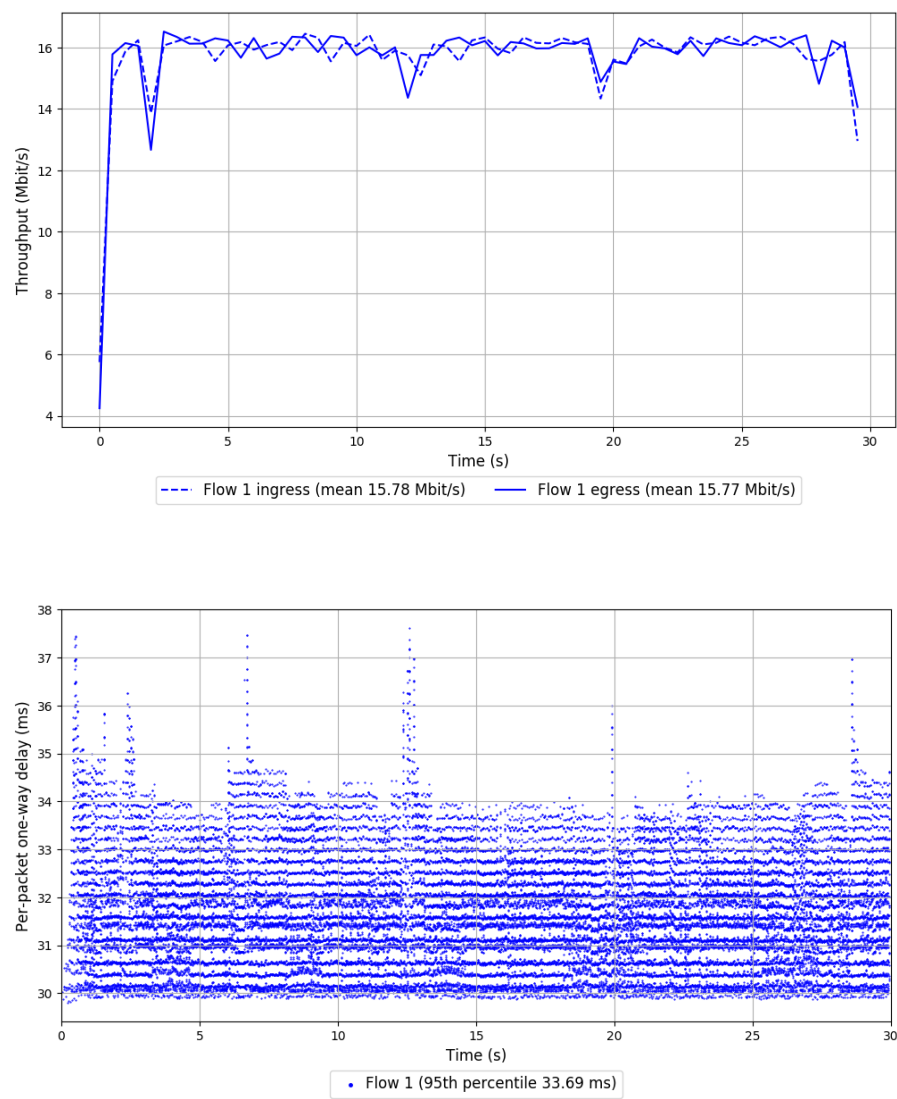


Run 9: Statistics of Sprout

Start at: 2017-12-11 16:36:25
End at: 2017-12-11 16:36:55
Local clock offset: 0.256 ms
Remote clock offset: -0.401 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.77 Mbit/s
95th percentile per-packet one-way delay: 33.691 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 15.77 Mbit/s
95th percentile per-packet one-way delay: 33.691 ms
Loss rate: 0.07%

Run 9: Report of Sprout — Data Link

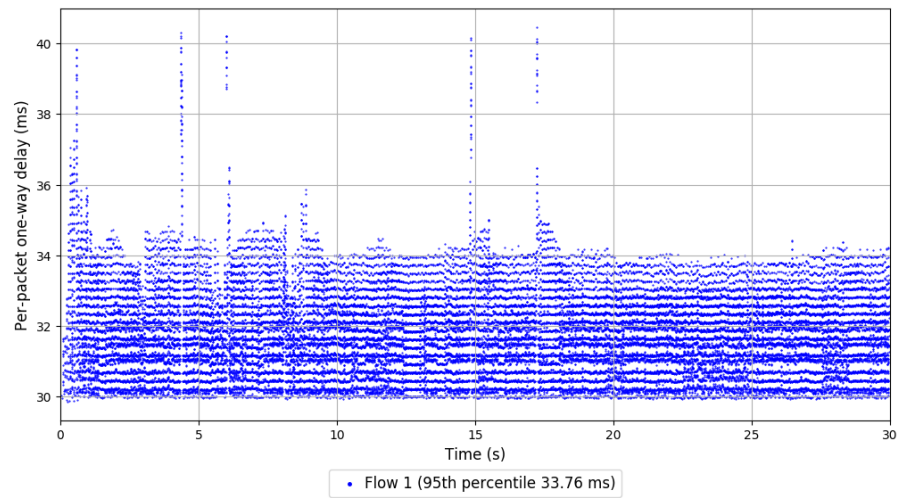
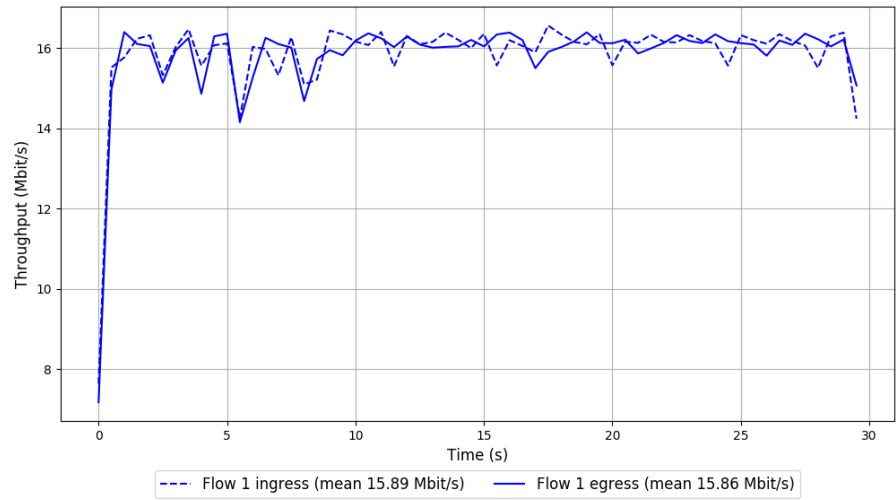


Run 10: Statistics of Sprout

Start at: 2017-12-11 16:55:18
End at: 2017-12-11 16:55:48
Local clock offset: 0.316 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2017-12-11 17:36:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 33.761 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 33.761 ms
Loss rate: 0.16%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-12-11 14:12:44

End at: 2017-12-11 14:13:14

Local clock offset: 1.231 ms

Remote clock offset: -0.608 ms

Below is generated by plot.py at 2017-12-11 17:37:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.40 Mbit/s

95th percentile per-packet one-way delay: 41.814 ms

Loss rate: 0.07%

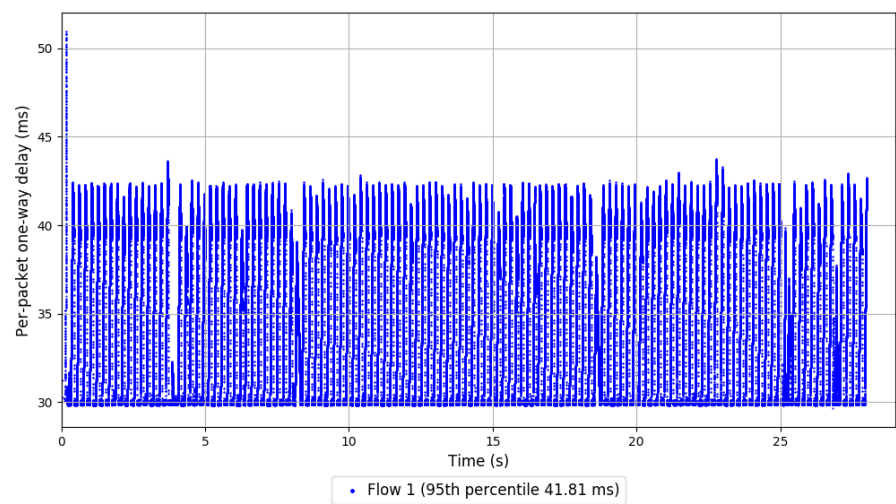
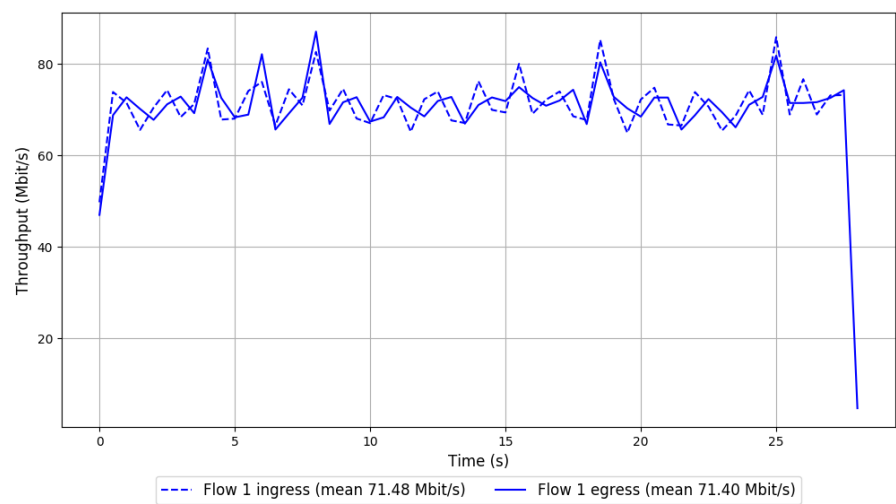
-- Flow 1:

Average throughput: 71.40 Mbit/s

95th percentile per-packet one-way delay: 41.814 ms

Loss rate: 0.07%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-12-11 14:32:04

End at: 2017-12-11 14:32:34

Local clock offset: 1.233 ms

Remote clock offset: -0.827 ms

Below is generated by plot.py at 2017-12-11 17:37:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.59 Mbit/s

95th percentile per-packet one-way delay: 41.240 ms

Loss rate: 0.04%

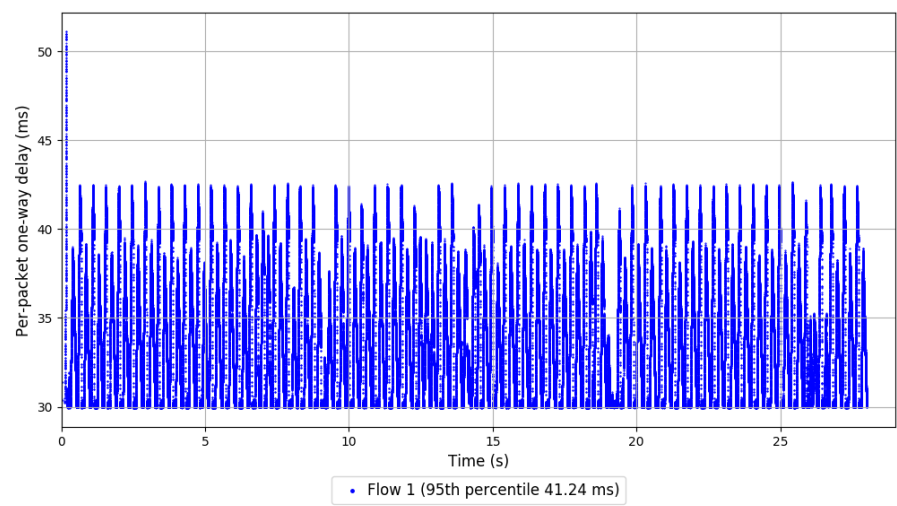
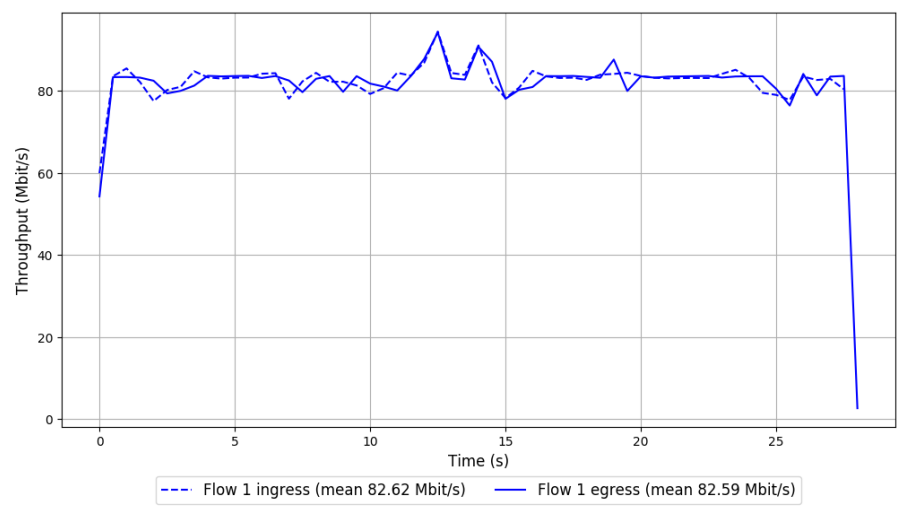
-- Flow 1:

Average throughput: 82.59 Mbit/s

95th percentile per-packet one-way delay: 41.240 ms

Loss rate: 0.04%

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

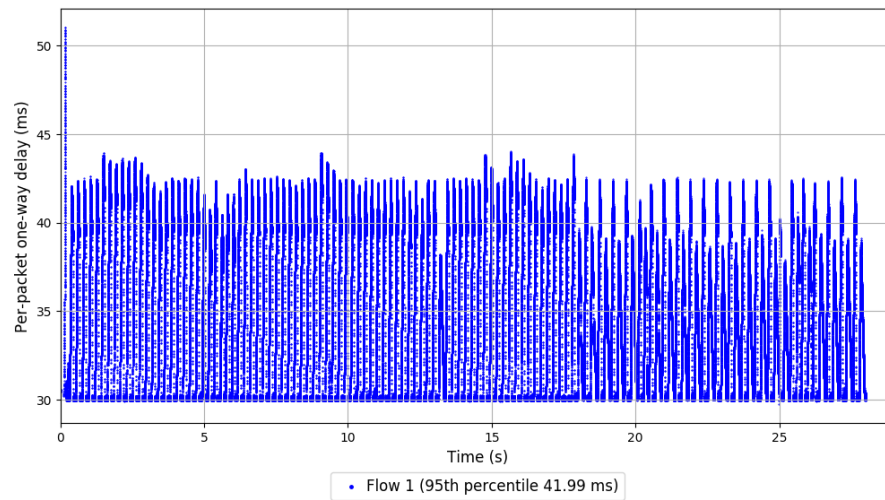
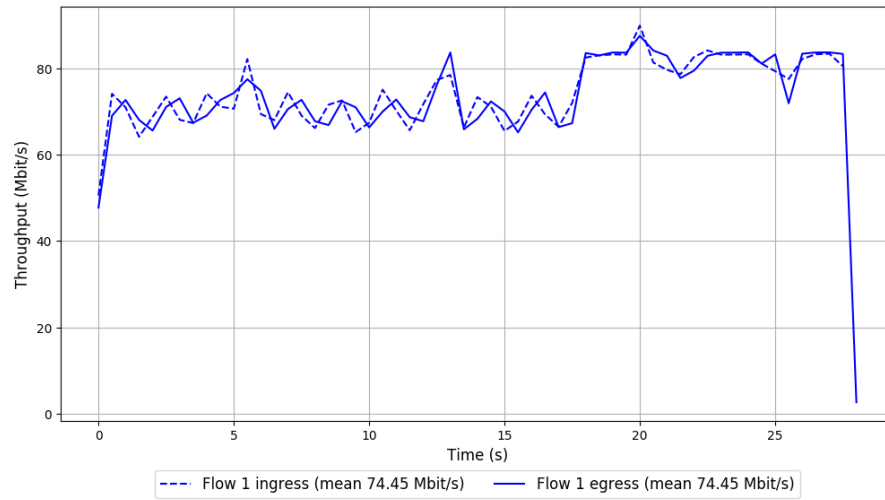


Run 3: Statistics of TaoVA-100x

Start at: 2017-12-11 14:51:13
End at: 2017-12-11 14:51:43
Local clock offset: 1.053 ms
Remote clock offset: -1.114 ms

Below is generated by plot.py at 2017-12-11 17:37:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.45 Mbit/s
95th percentile per-packet one-way delay: 41.986 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.45 Mbit/s
95th percentile per-packet one-way delay: 41.986 ms
Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-12-11 15:10:42

End at: 2017-12-11 15:11:12

Local clock offset: 0.784 ms

Remote clock offset: -0.804 ms

Below is generated by plot.py at 2017-12-11 17:37:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.35 Mbit/s

95th percentile per-packet one-way delay: 41.635 ms

Loss rate: 0.02%

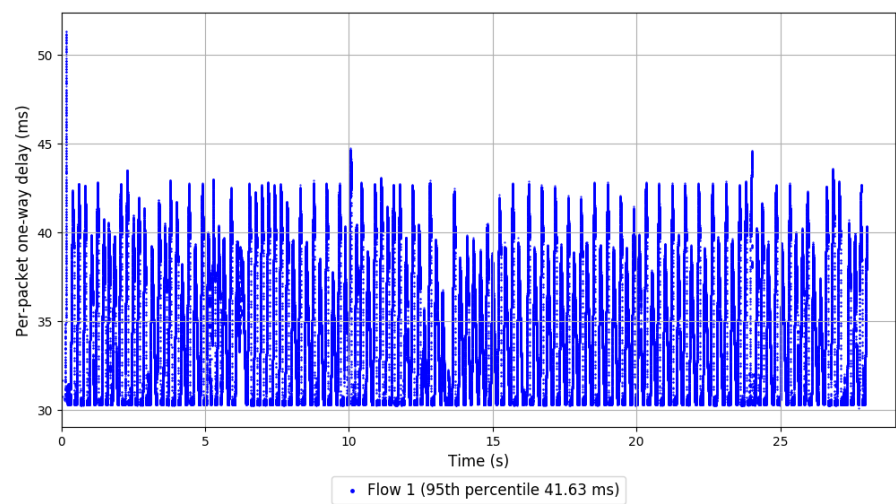
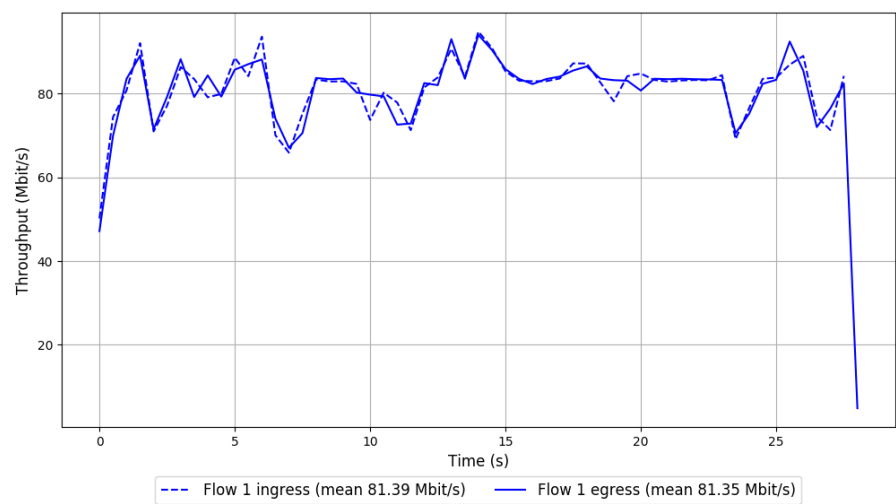
-- Flow 1:

Average throughput: 81.35 Mbit/s

95th percentile per-packet one-way delay: 41.635 ms

Loss rate: 0.02%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-12-11 15:29:55

End at: 2017-12-11 15:30:25

Local clock offset: 0.66 ms

Remote clock offset: -3.394 ms

Below is generated by plot.py at 2017-12-11 17:37:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.14 Mbit/s

95th percentile per-packet one-way delay: 39.105 ms

Loss rate: 0.18%

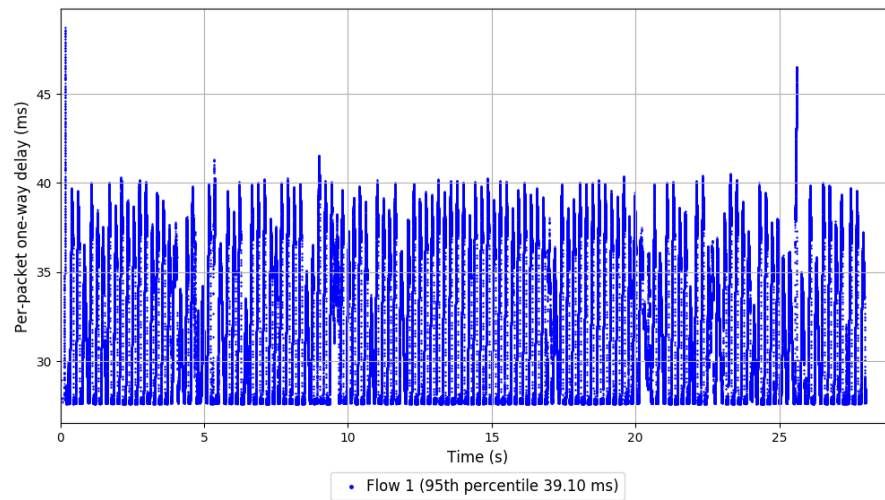
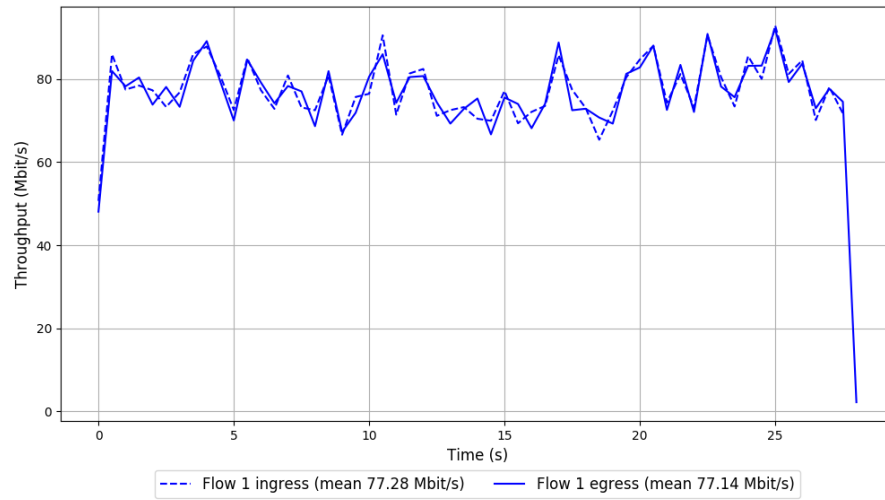
-- Flow 1:

Average throughput: 77.14 Mbit/s

95th percentile per-packet one-way delay: 39.105 ms

Loss rate: 0.18%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-12-11 15:48:52

End at: 2017-12-11 15:49:22

Local clock offset: 0.391 ms

Remote clock offset: -3.266 ms

Below is generated by plot.py at 2017-12-11 17:37:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.98 Mbit/s

95th percentile per-packet one-way delay: 39.091 ms

Loss rate: 0.08%

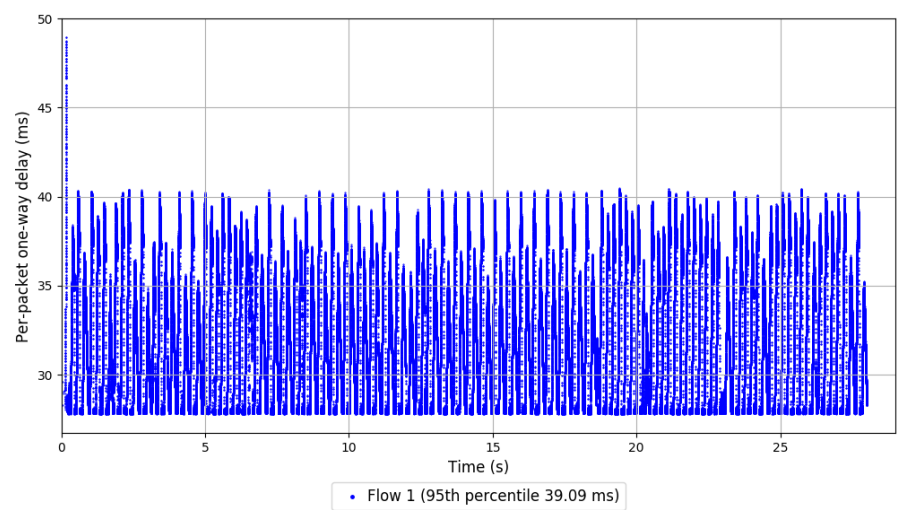
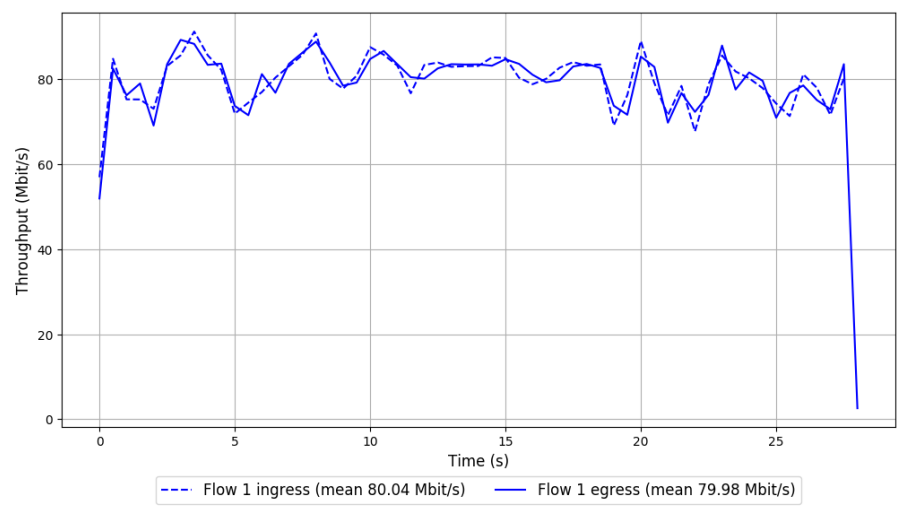
-- Flow 1:

Average throughput: 79.98 Mbit/s

95th percentile per-packet one-way delay: 39.091 ms

Loss rate: 0.08%

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

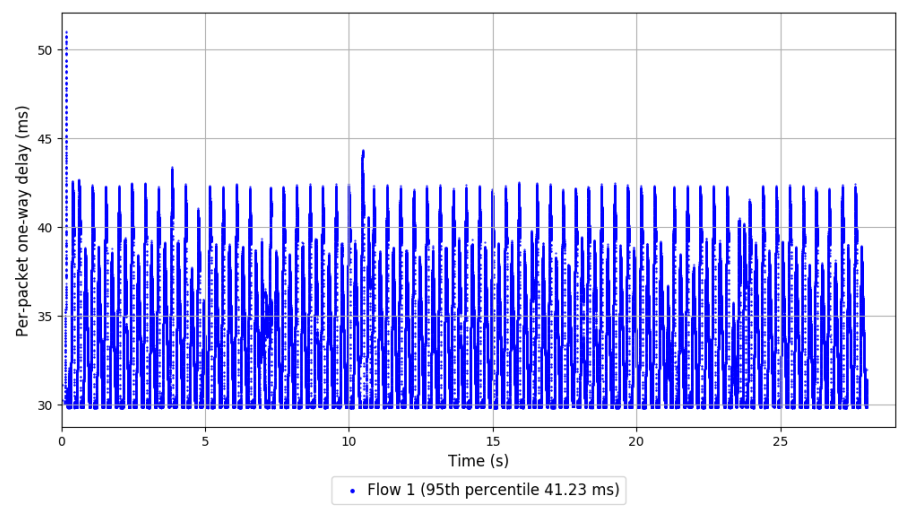
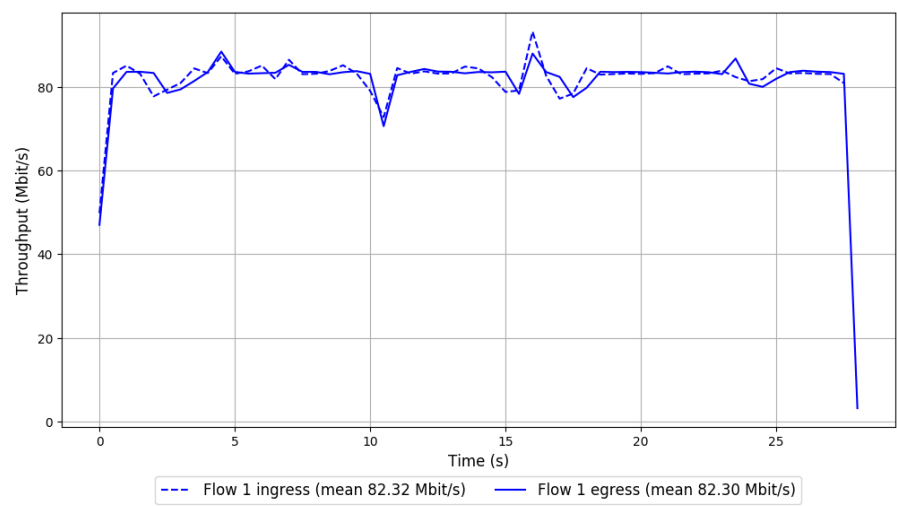


Run 7: Statistics of TaoVA-100x

Start at: 2017-12-11 16:07:43
End at: 2017-12-11 16:08:13
Local clock offset: 0.287 ms
Remote clock offset: -0.982 ms

Below is generated by plot.py at 2017-12-11 17:38:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.30 Mbit/s
95th percentile per-packet one-way delay: 41.229 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 82.30 Mbit/s
95th percentile per-packet one-way delay: 41.229 ms
Loss rate: 0.02%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-12-11 16:26:48

End at: 2017-12-11 16:27:18

Local clock offset: 0.248 ms

Remote clock offset: -0.56 ms

Below is generated by plot.py at 2017-12-11 17:38:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.25 Mbit/s

95th percentile per-packet one-way delay: 41.338 ms

Loss rate: 0.00%

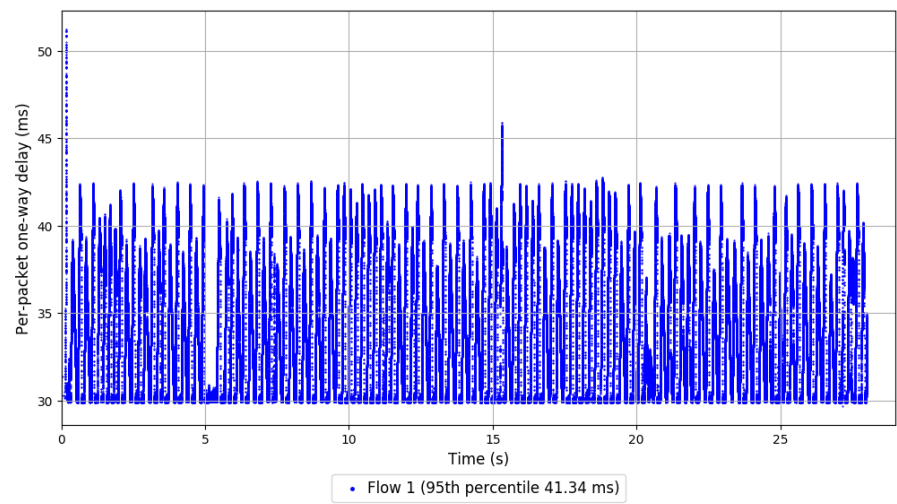
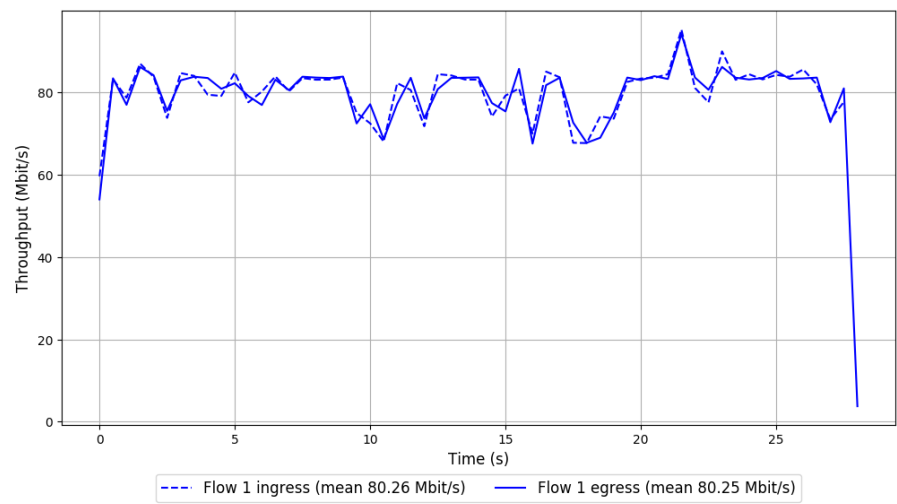
-- Flow 1:

Average throughput: 80.25 Mbit/s

95th percentile per-packet one-way delay: 41.338 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-12-11 16:45:56

End at: 2017-12-11 16:46:26

Local clock offset: 0.298 ms

Remote clock offset: 0.27 ms

Below is generated by plot.py at 2017-12-11 17:39:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.54 Mbit/s

95th percentile per-packet one-way delay: 42.080 ms

Loss rate: 0.02%

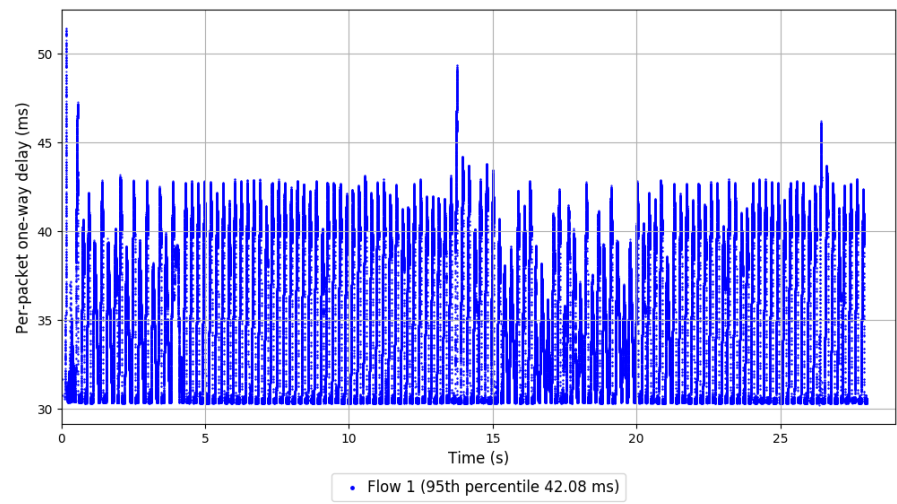
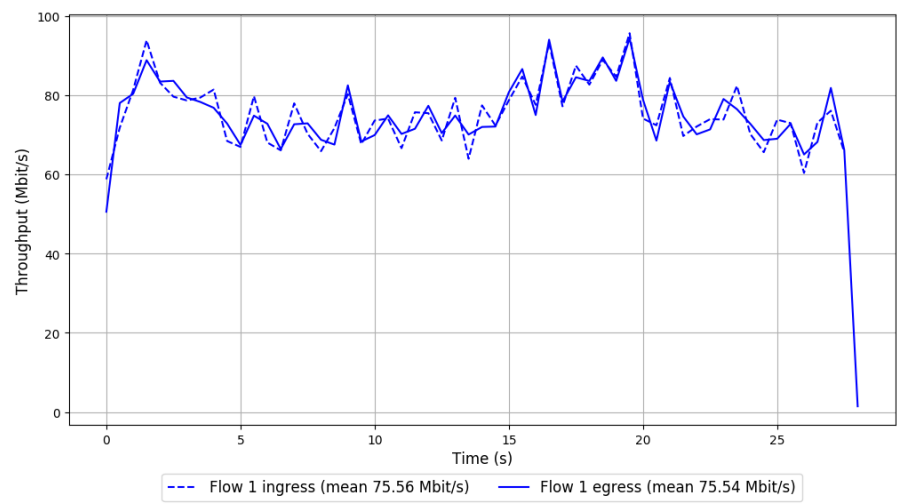
-- Flow 1:

Average throughput: 75.54 Mbit/s

95th percentile per-packet one-way delay: 42.080 ms

Loss rate: 0.02%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-12-11 17:04:42

End at: 2017-12-11 17:05:12

Local clock offset: 0.272 ms

Remote clock offset: -2.198 ms

Below is generated by plot.py at 2017-12-11 17:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.04 Mbit/s

95th percentile per-packet one-way delay: 38.841 ms

Loss rate: 0.06%

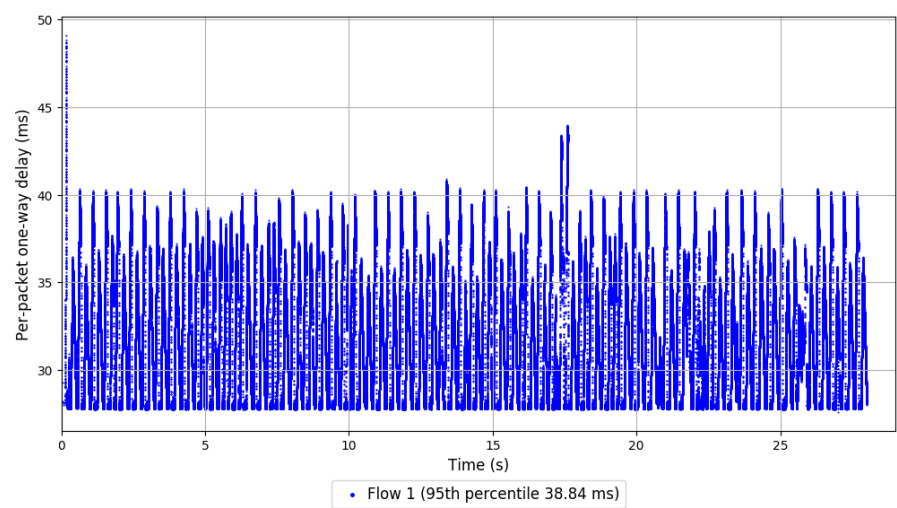
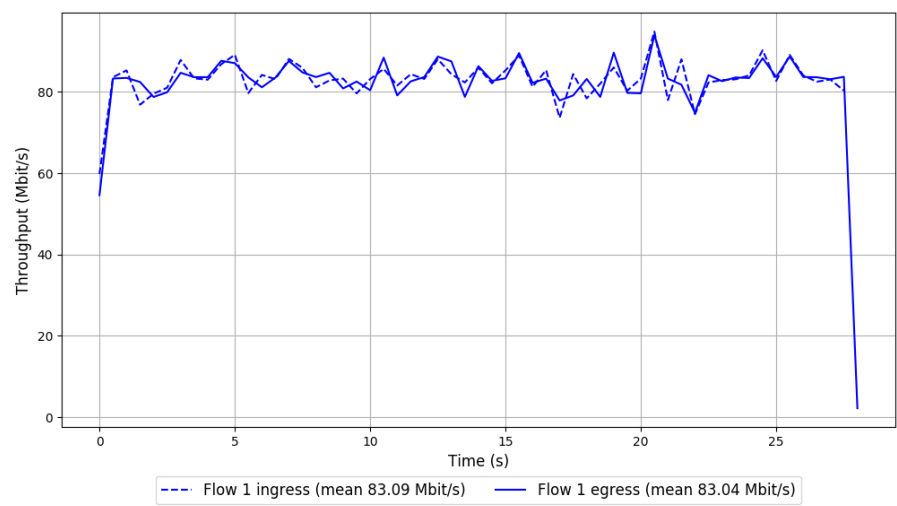
-- Flow 1:

Average throughput: 83.04 Mbit/s

95th percentile per-packet one-way delay: 38.841 ms

Loss rate: 0.06%

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

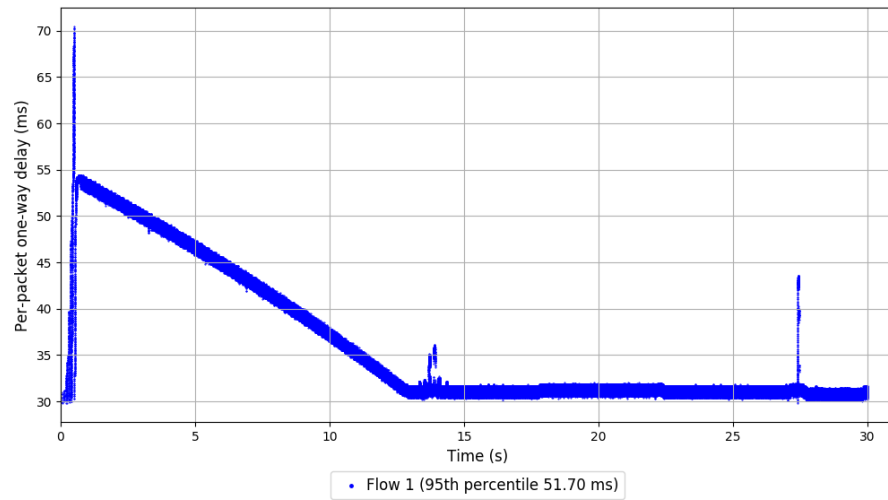
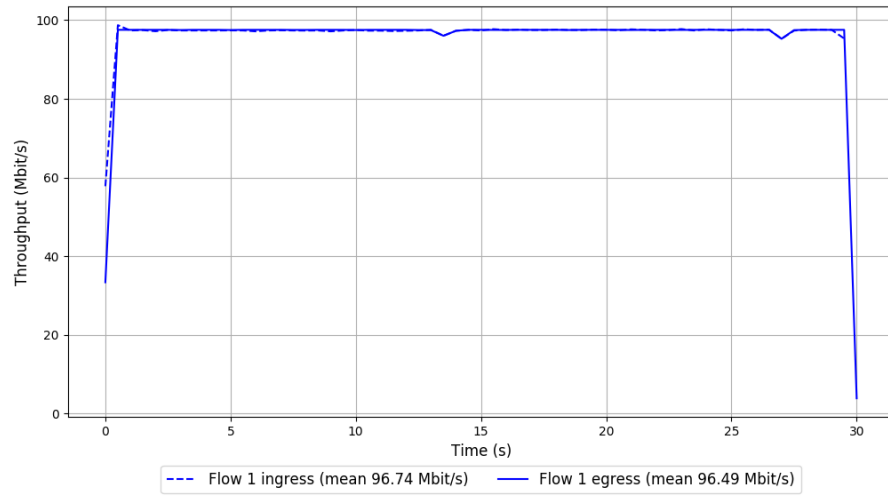


Run 1: Statistics of TCP Vegas

Start at: 2017-12-11 14:10:07
End at: 2017-12-11 14:10:37
Local clock offset: 1.399 ms
Remote clock offset: -0.456 ms

Below is generated by plot.py at 2017-12-11 17:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 51.699 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 51.699 ms
Loss rate: 0.26%

Run 1: Report of TCP Vegas — Data Link

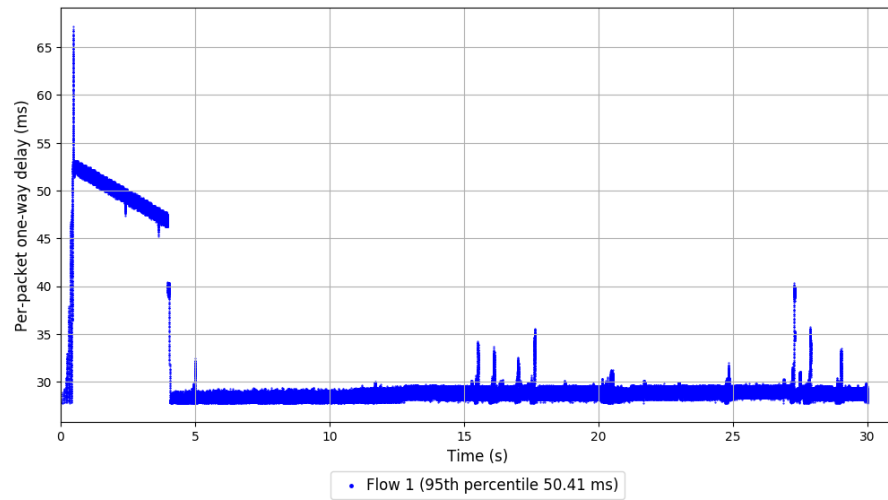
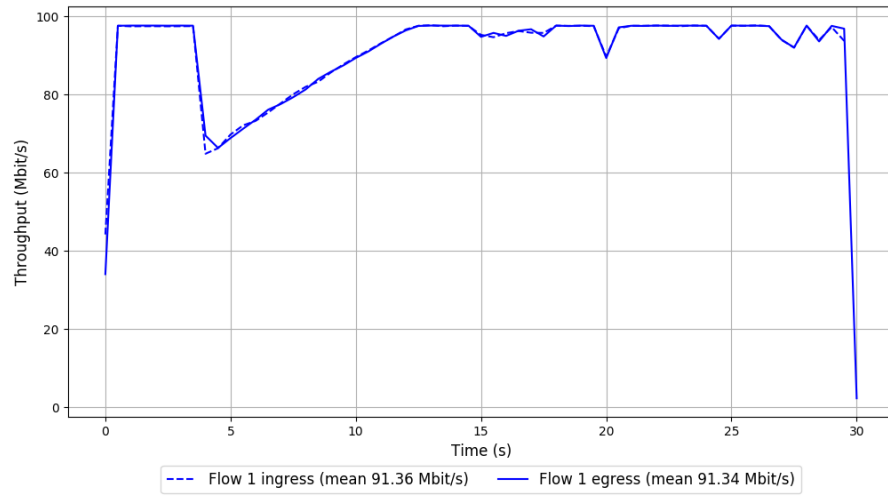


Run 2: Statistics of TCP Vegas

Start at: 2017-12-11 14:29:20
End at: 2017-12-11 14:29:50
Local clock offset: 1.229 ms
Remote clock offset: -2.952 ms

Below is generated by plot.py at 2017-12-11 17:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.34 Mbit/s
95th percentile per-packet one-way delay: 50.409 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 91.34 Mbit/s
95th percentile per-packet one-way delay: 50.409 ms
Loss rate: 0.03%

Run 2: Report of TCP Vegas — Data Link

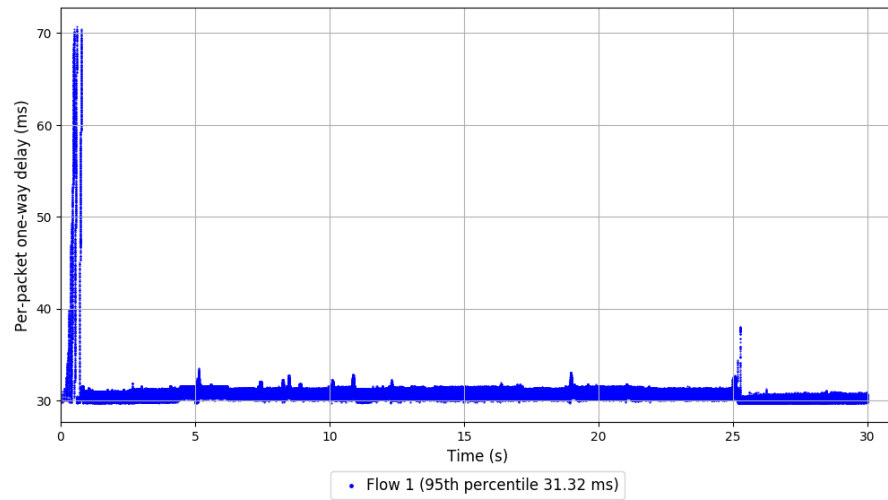
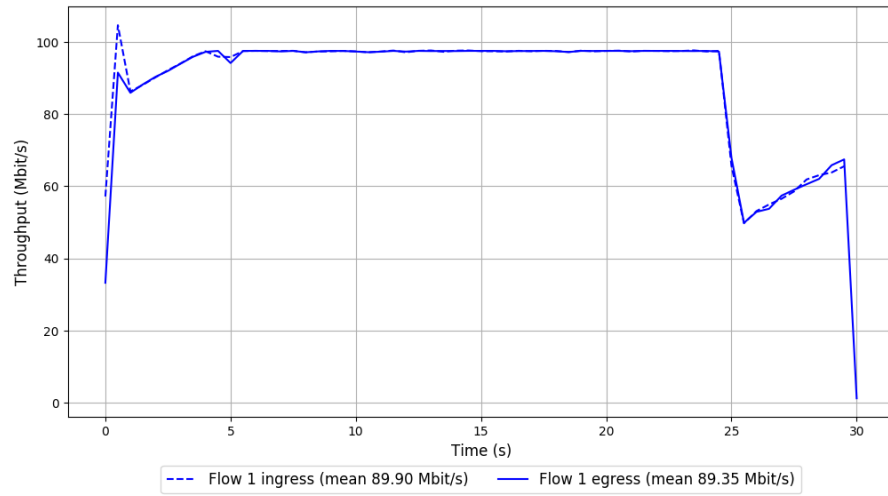


Run 3: Statistics of TCP Vegas

Start at: 2017-12-11 14:48:31
End at: 2017-12-11 14:49:01
Local clock offset: 1.172 ms
Remote clock offset: -1.209 ms

Below is generated by plot.py at 2017-12-11 17:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.35 Mbit/s
95th percentile per-packet one-way delay: 31.320 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 89.35 Mbit/s
95th percentile per-packet one-way delay: 31.320 ms
Loss rate: 0.61%

Run 3: Report of TCP Vegas — Data Link

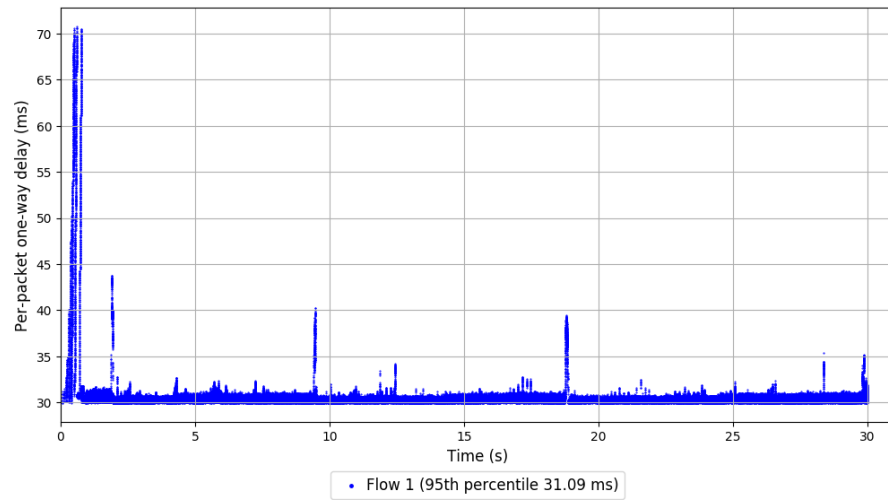
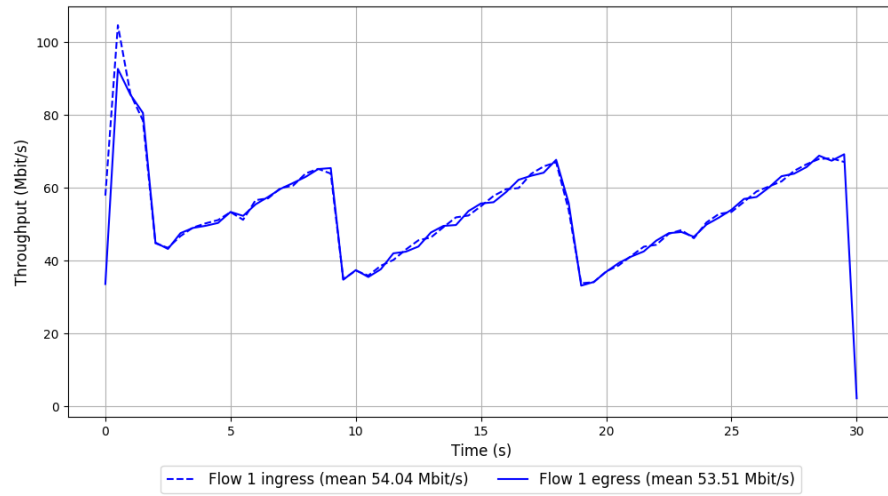


Run 4: Statistics of TCP Vegas

Start at: 2017-12-11 15:08:05
End at: 2017-12-11 15:08:35
Local clock offset: 0.816 ms
Remote clock offset: -1.141 ms

Below is generated by plot.py at 2017-12-11 17:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.51 Mbit/s
95th percentile per-packet one-way delay: 31.092 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 53.51 Mbit/s
95th percentile per-packet one-way delay: 31.092 ms
Loss rate: 0.99%

Run 4: Report of TCP Vegas — Data Link

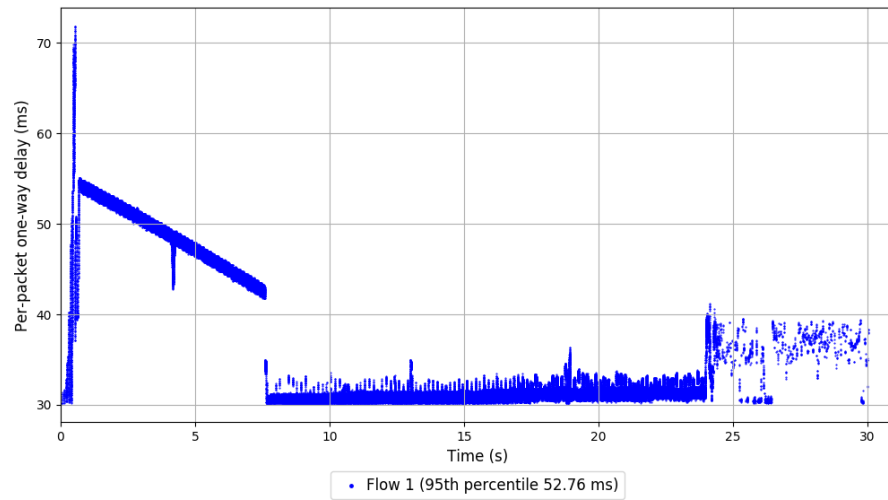
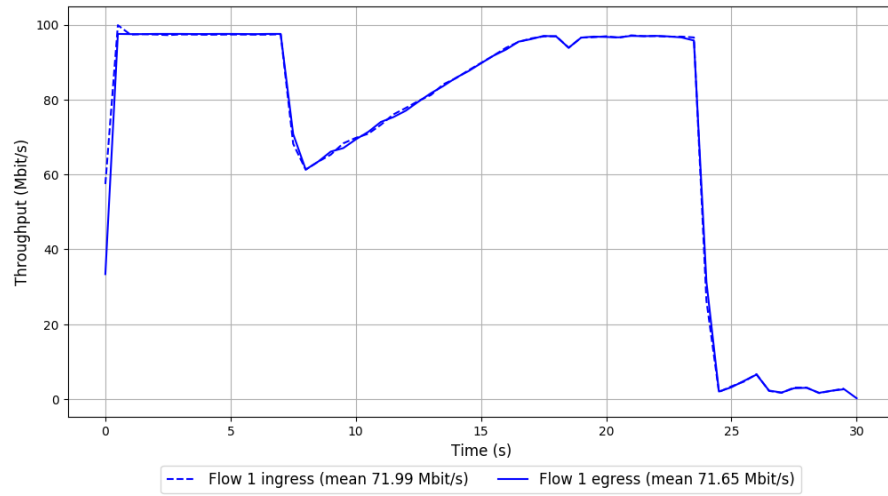


Run 5: Statistics of TCP Vegas

Start at: 2017-12-11 15:27:18
End at: 2017-12-11 15:27:48
Local clock offset: 0.664 ms
Remote clock offset: -0.852 ms

Below is generated by plot.py at 2017-12-11 17:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.65 Mbit/s
95th percentile per-packet one-way delay: 52.756 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 71.65 Mbit/s
95th percentile per-packet one-way delay: 52.756 ms
Loss rate: 0.45%

Run 5: Report of TCP Vegas — Data Link

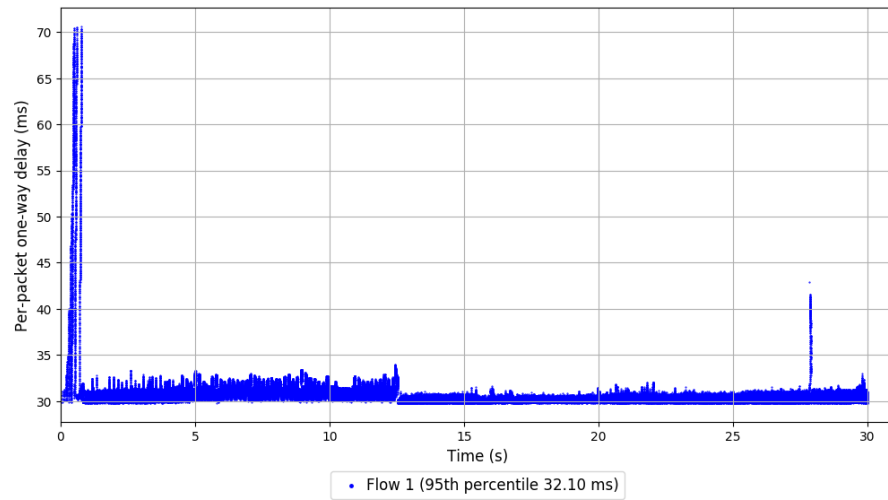
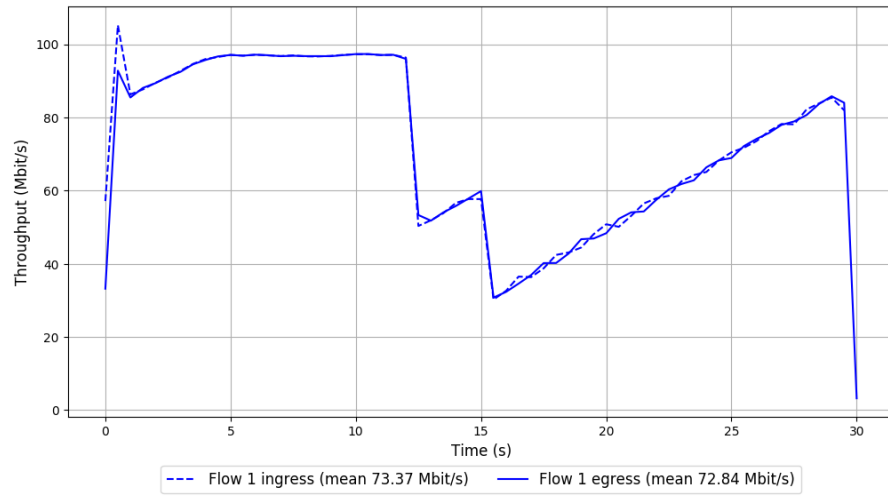


Run 6: Statistics of TCP Vegas

Start at: 2017-12-11 15:46:15
End at: 2017-12-11 15:46:45
Local clock offset: 0.5 ms
Remote clock offset: -1.179 ms

Below is generated by plot.py at 2017-12-11 17:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.84 Mbit/s
95th percentile per-packet one-way delay: 32.096 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 72.84 Mbit/s
95th percentile per-packet one-way delay: 32.096 ms
Loss rate: 0.72%

Run 6: Report of TCP Vegas — Data Link

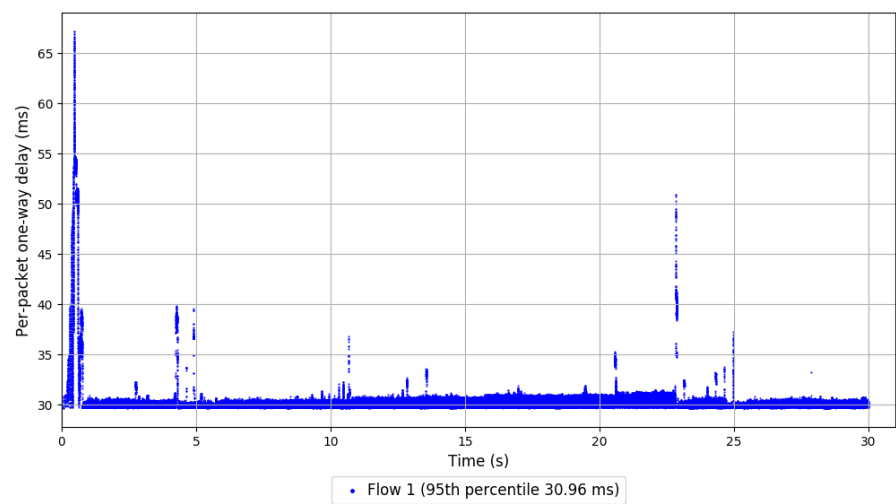
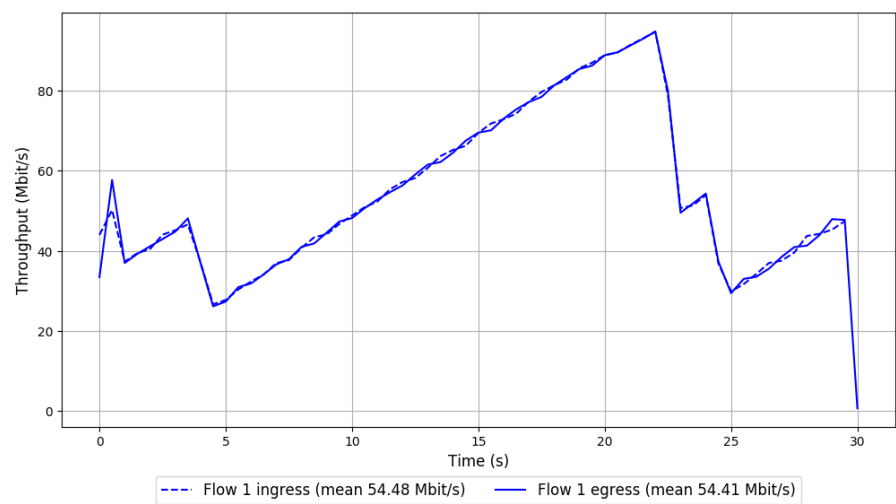


Run 7: Statistics of TCP Vegas

Start at: 2017-12-11 16:05:08
End at: 2017-12-11 16:05:38
Local clock offset: 0.359 ms
Remote clock offset: -1.049 ms

Below is generated by plot.py at 2017-12-11 17:39:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 30.962 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 30.962 ms
Loss rate: 0.14%

Run 7: Report of TCP Vegas — Data Link

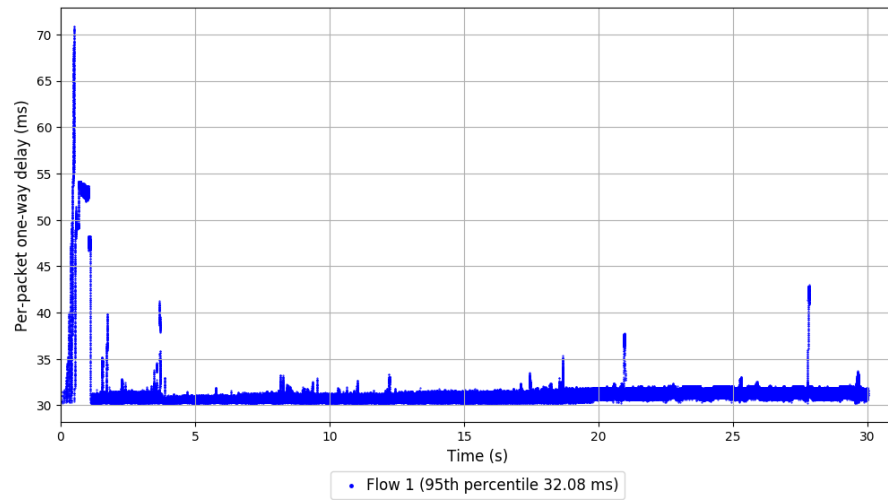
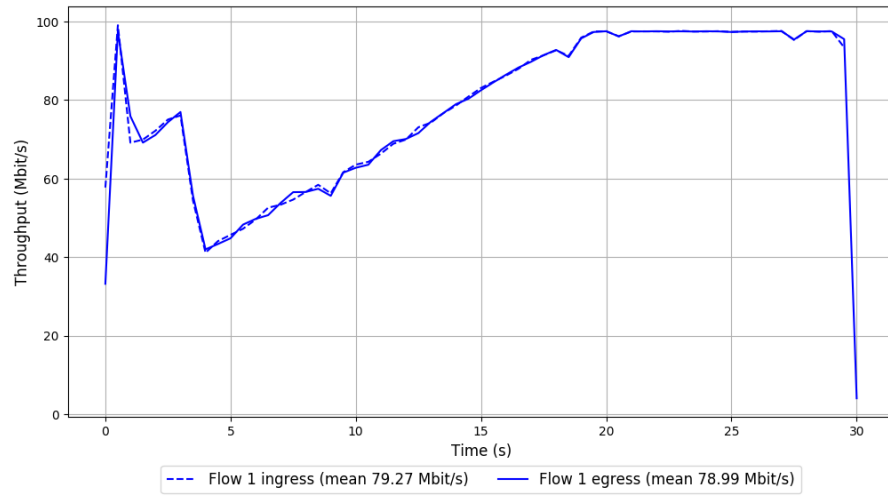


Run 8: Statistics of TCP Vegas

Start at: 2017-12-11 16:24:11
End at: 2017-12-11 16:24:41
Local clock offset: 0.311 ms
Remote clock offset: -0.206 ms

Below is generated by plot.py at 2017-12-11 17:40:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.99 Mbit/s
95th percentile per-packet one-way delay: 32.077 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 78.99 Mbit/s
95th percentile per-packet one-way delay: 32.077 ms
Loss rate: 0.36%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2017-12-11 16:43:20

End at: 2017-12-11 16:43:50

Local clock offset: 0.32 ms

Remote clock offset: 0.161 ms

Below is generated by plot.py at 2017-12-11 17:40:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.50 Mbit/s

95th percentile per-packet one-way delay: 53.106 ms

Loss rate: 0.51%

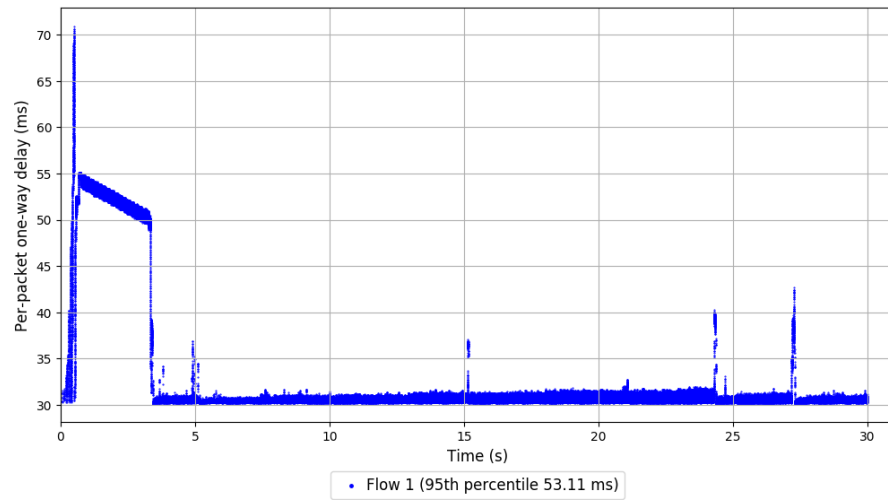
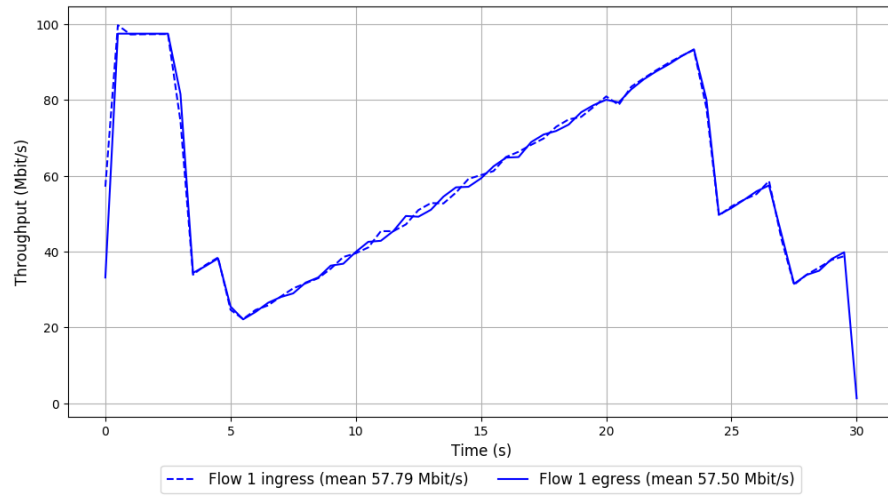
-- Flow 1:

Average throughput: 57.50 Mbit/s

95th percentile per-packet one-way delay: 53.106 ms

Loss rate: 0.51%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-12-11 17:02:06

End at: 2017-12-11 17:02:36

Local clock offset: 0.291 ms

Remote clock offset: -0.072 ms

Below is generated by plot.py at 2017-12-11 17:40:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.30 Mbit/s

95th percentile per-packet one-way delay: 30.908 ms

Loss rate: 0.06%

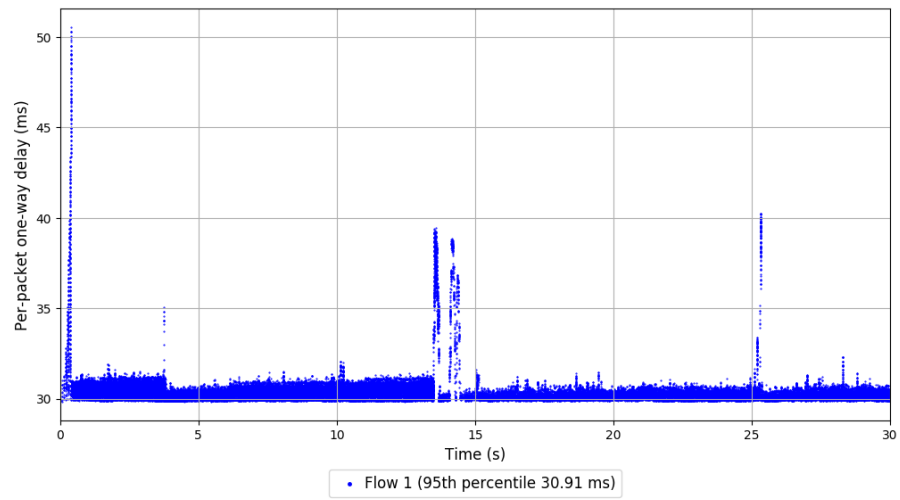
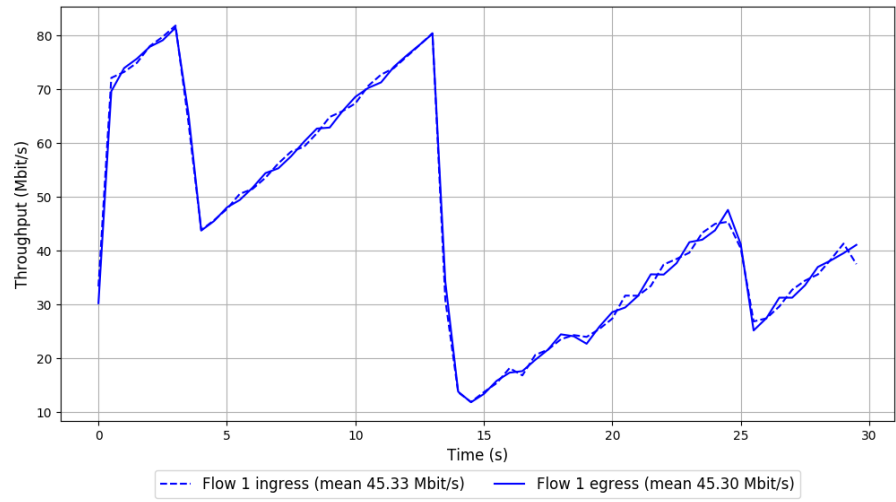
-- Flow 1:

Average throughput: 45.30 Mbit/s

95th percentile per-packet one-way delay: 30.908 ms

Loss rate: 0.06%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2017-12-11 14:07:23

End at: 2017-12-11 14:07:53

Local clock offset: 1.324 ms

Remote clock offset: -0.356 ms

Below is generated by plot.py at 2017-12-11 17:40:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.34 Mbit/s

95th percentile per-packet one-way delay: 66.478 ms

Loss rate: 34.12%

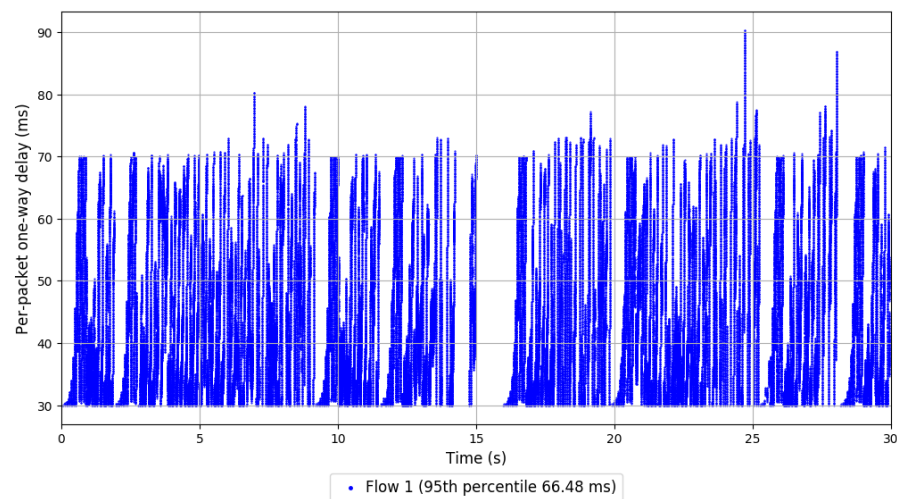
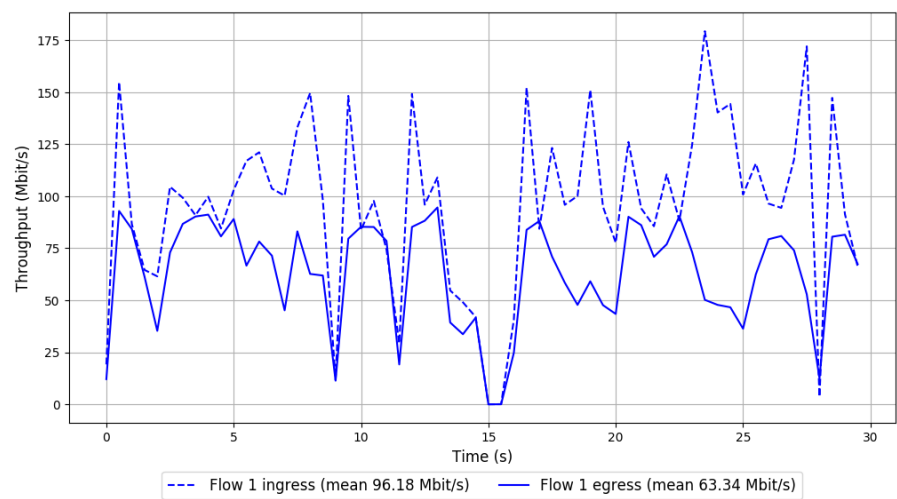
-- Flow 1:

Average throughput: 63.34 Mbit/s

95th percentile per-packet one-way delay: 66.478 ms

Loss rate: 34.12%

Run 1: Report of Verus — Data Link

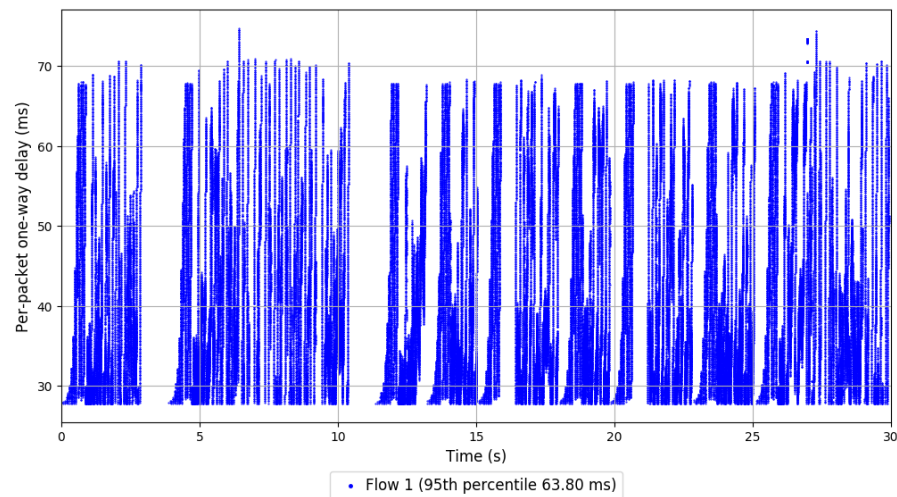
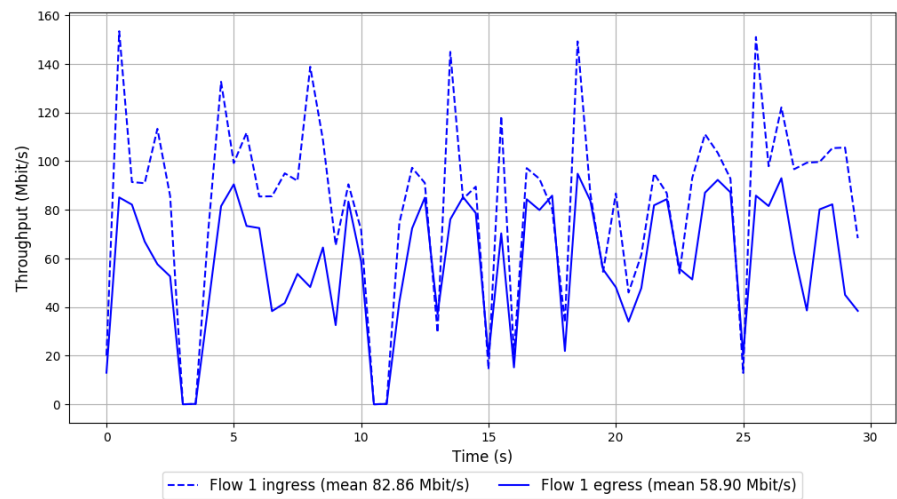


Run 2: Statistics of Verus

Start at: 2017-12-11 14:26:29
End at: 2017-12-11 14:26:59
Local clock offset: 1.222 ms
Remote clock offset: -2.862 ms

Below is generated by plot.py at 2017-12-11 17:40:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.90 Mbit/s
95th percentile per-packet one-way delay: 63.801 ms
Loss rate: 28.86%
-- Flow 1:
Average throughput: 58.90 Mbit/s
95th percentile per-packet one-way delay: 63.801 ms
Loss rate: 28.86%

Run 2: Report of Verus — Data Link

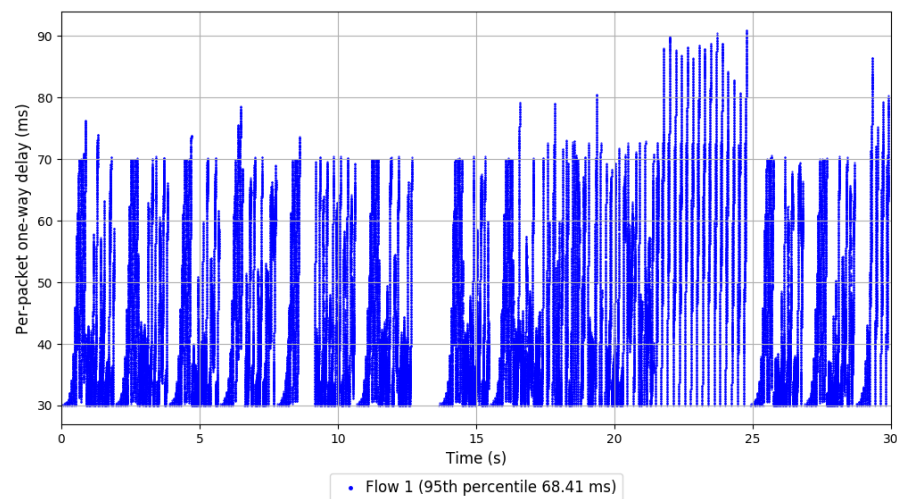
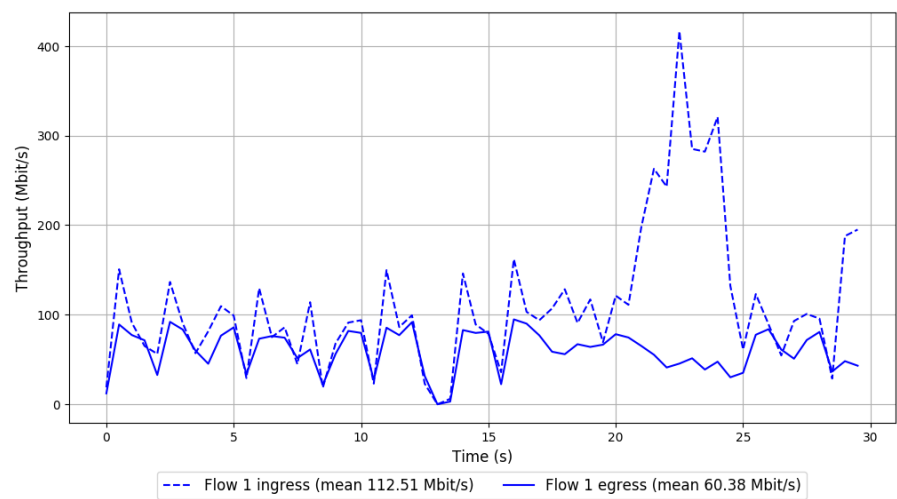


Run 3: Statistics of Verus

Start at: 2017-12-11 14:45:40
End at: 2017-12-11 14:46:10
Local clock offset: 1.144 ms
Remote clock offset: -1.063 ms

Below is generated by plot.py at 2017-12-11 17:40:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.38 Mbit/s
95th percentile per-packet one-way delay: 68.411 ms
Loss rate: 46.26%
-- Flow 1:
Average throughput: 60.38 Mbit/s
95th percentile per-packet one-way delay: 68.411 ms
Loss rate: 46.26%

Run 3: Report of Verus — Data Link

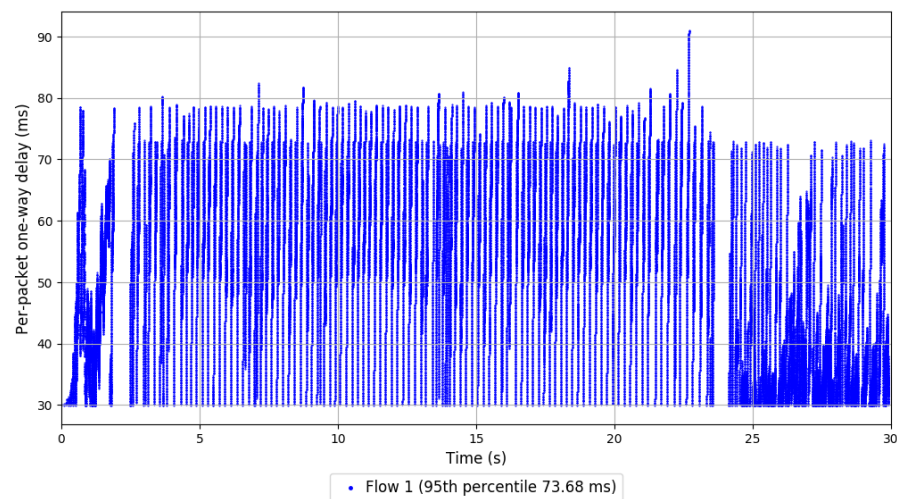
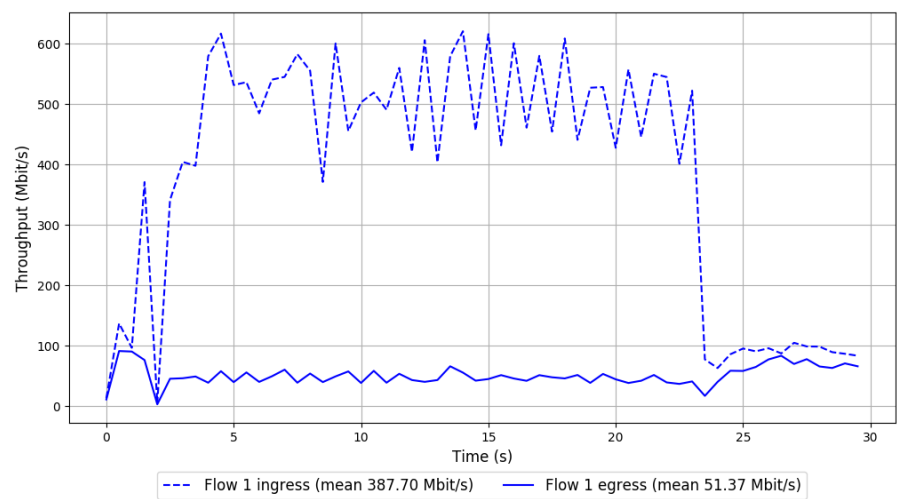


Run 4: Statistics of Verus

Start at: 2017-12-11 15:05:08
End at: 2017-12-11 15:05:38
Local clock offset: 0.863 ms
Remote clock offset: -1.169 ms

Below is generated by plot.py at 2017-12-11 17:41:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.37 Mbit/s
95th percentile per-packet one-way delay: 73.682 ms
Loss rate: 86.75%
-- Flow 1:
Average throughput: 51.37 Mbit/s
95th percentile per-packet one-way delay: 73.682 ms
Loss rate: 86.75%

Run 4: Report of Verus — Data Link

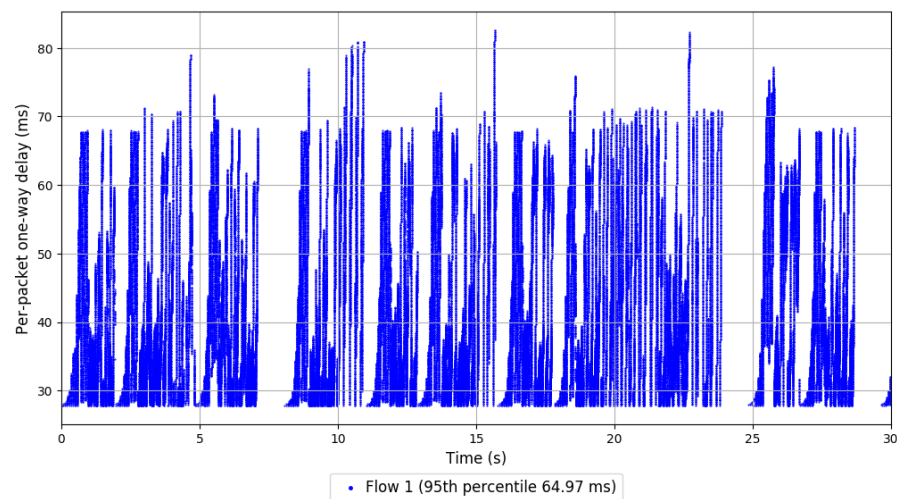
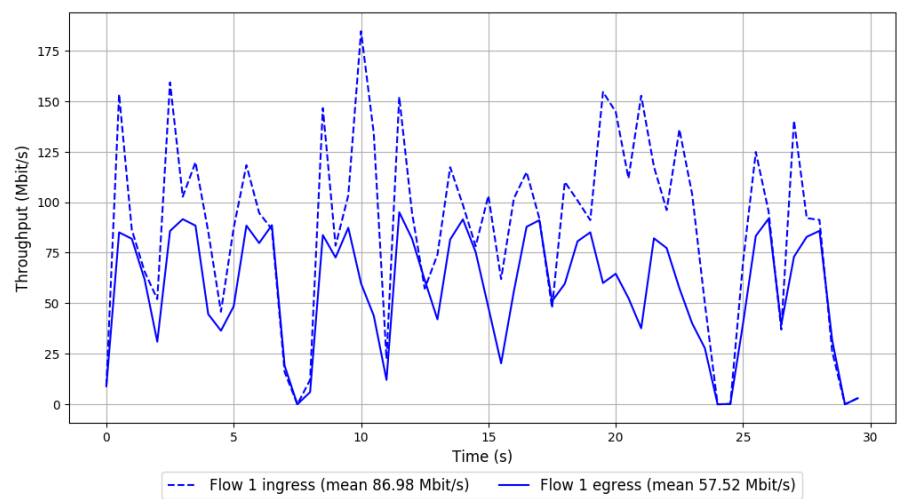


Run 5: Statistics of Verus

Start at: 2017-12-11 15:24:27
End at: 2017-12-11 15:24:57
Local clock offset: 0.671 ms
Remote clock offset: -3.185 ms

Below is generated by plot.py at 2017-12-11 17:41:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 64.972 ms
Loss rate: 33.87%
-- Flow 1:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 64.972 ms
Loss rate: 33.87%

Run 5: Report of Verus — Data Link

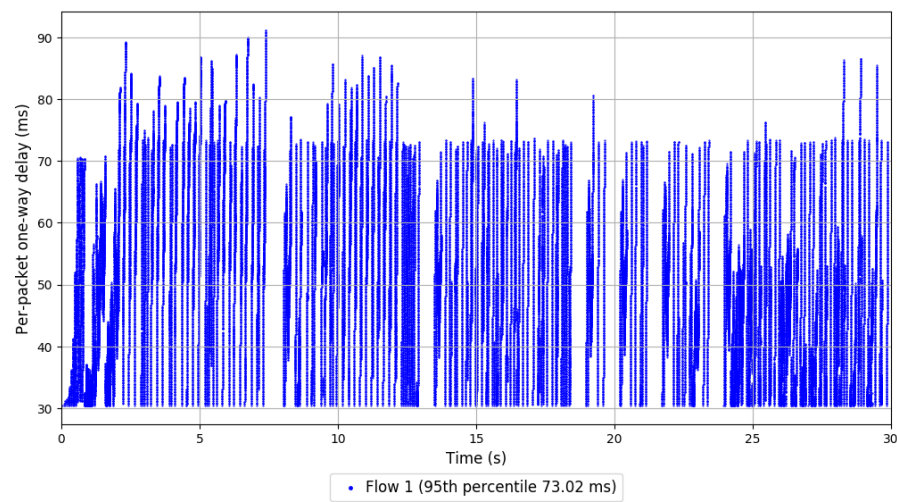
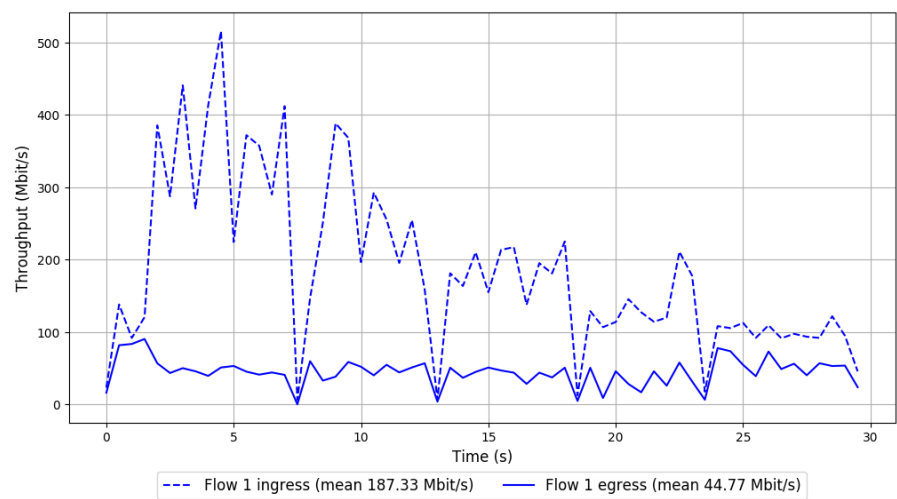


Run 6: Statistics of Verus

Start at: 2017-12-11 15:43:29
End at: 2017-12-11 15:43:59
Local clock offset: 0.437 ms
Remote clock offset: -0.681 ms

Below is generated by plot.py at 2017-12-11 17:41:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.77 Mbit/s
95th percentile per-packet one-way delay: 73.020 ms
Loss rate: 76.07%
-- Flow 1:
Average throughput: 44.77 Mbit/s
95th percentile per-packet one-way delay: 73.020 ms
Loss rate: 76.07%

Run 6: Report of Verus — Data Link

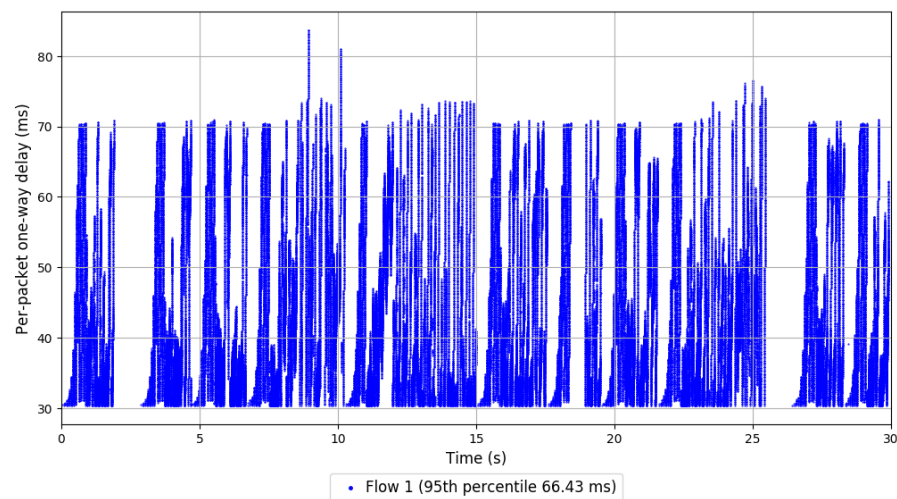
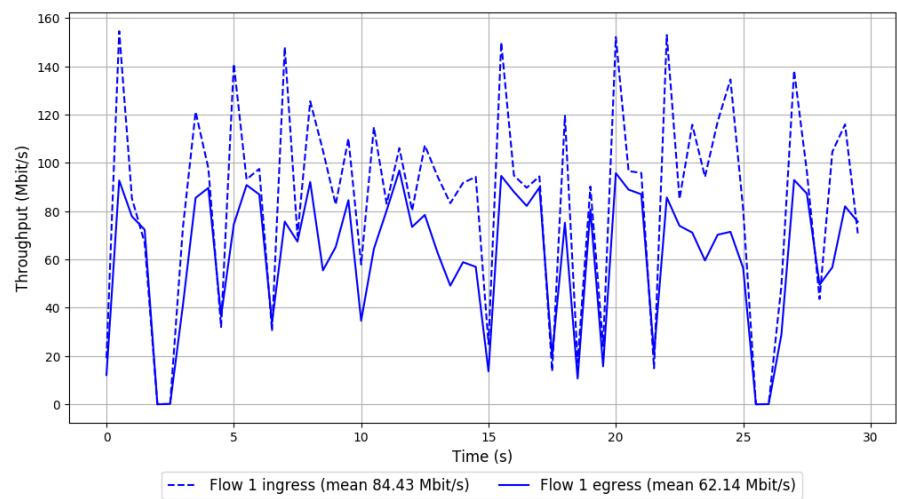


Run 7: Statistics of Verus

Start at: 2017-12-11 16:02:23
End at: 2017-12-11 16:02:53
Local clock offset: 0.317 ms
Remote clock offset: -0.491 ms

Below is generated by plot.py at 2017-12-11 17:41:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.14 Mbit/s
95th percentile per-packet one-way delay: 66.427 ms
Loss rate: 26.35%
-- Flow 1:
Average throughput: 62.14 Mbit/s
95th percentile per-packet one-way delay: 66.427 ms
Loss rate: 26.35%

Run 7: Report of Verus — Data Link

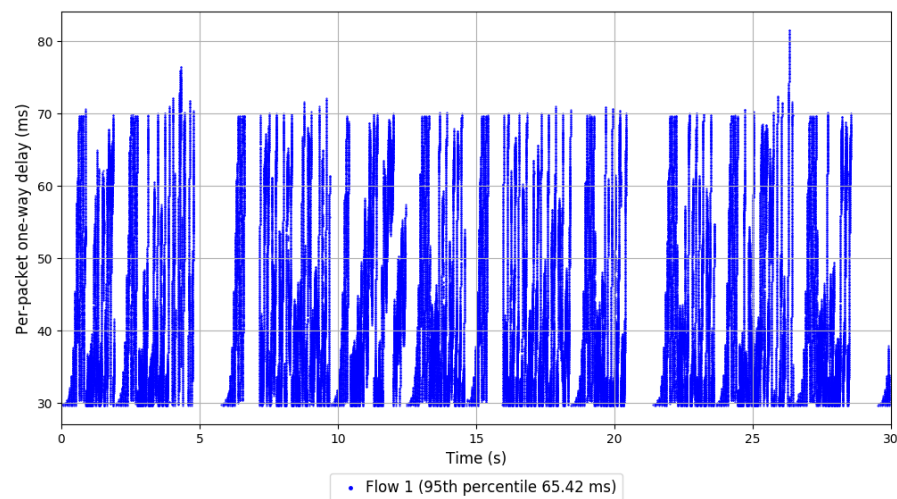
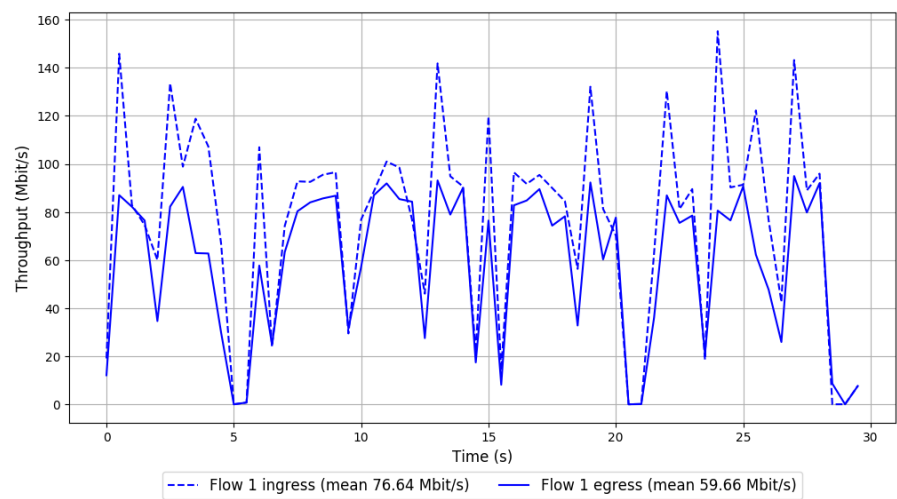


Run 8: Statistics of Verus

Start at: 2017-12-11 16:21:22
End at: 2017-12-11 16:21:52
Local clock offset: 0.369 ms
Remote clock offset: -0.768 ms

Below is generated by plot.py at 2017-12-11 17:41:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.66 Mbit/s
95th percentile per-packet one-way delay: 65.422 ms
Loss rate: 22.16%
-- Flow 1:
Average throughput: 59.66 Mbit/s
95th percentile per-packet one-way delay: 65.422 ms
Loss rate: 22.16%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-12-11 16:40:31

End at: 2017-12-11 16:41:01

Local clock offset: 0.321 ms

Remote clock offset: 0.148 ms

Below is generated by plot.py at 2017-12-11 17:41:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.29 Mbit/s

95th percentile per-packet one-way delay: 70.956 ms

Loss rate: 59.04%

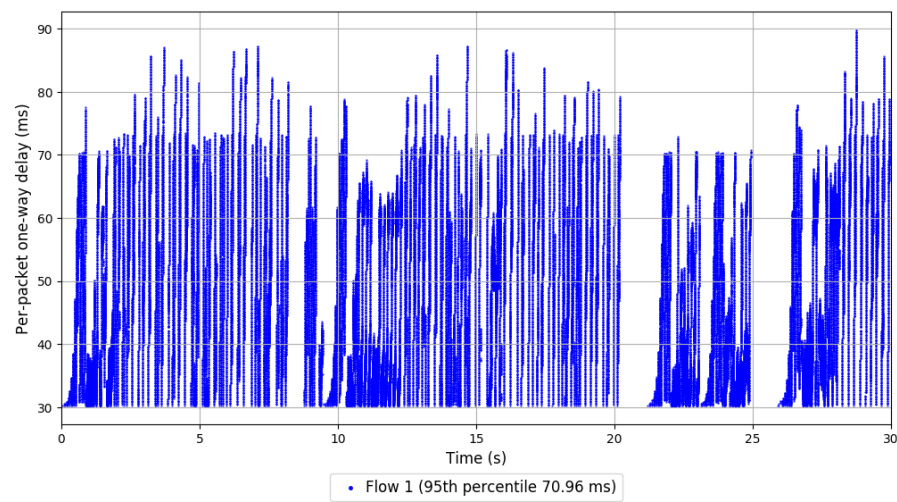
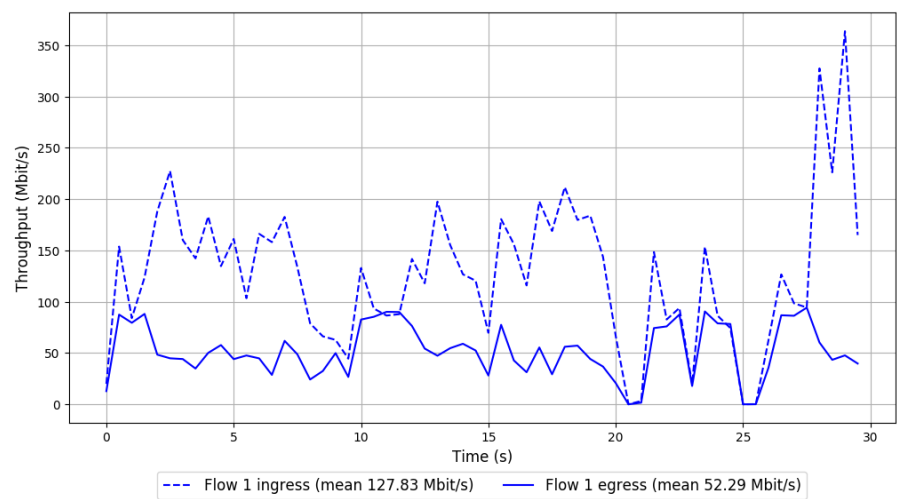
-- Flow 1:

Average throughput: 52.29 Mbit/s

95th percentile per-packet one-way delay: 70.956 ms

Loss rate: 59.04%

Run 9: Report of Verus — Data Link

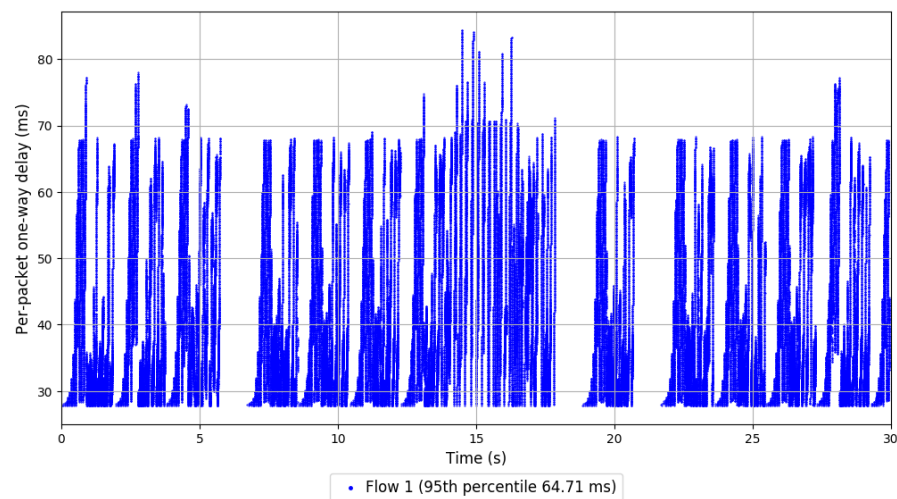
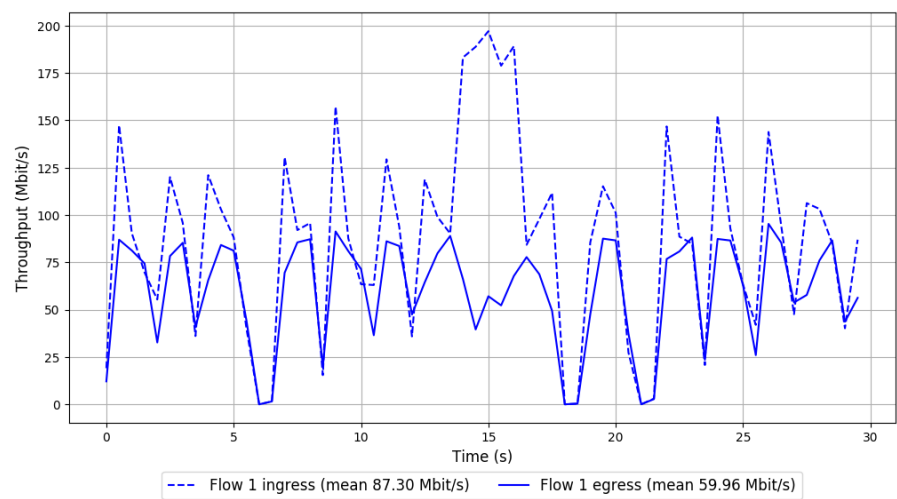


Run 10: Statistics of Verus

Start at: 2017-12-11 16:59:22
End at: 2017-12-11 16:59:52
Local clock offset: 0.244 ms
Remote clock offset: -2.236 ms

Below is generated by plot.py at 2017-12-11 17:41:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.96 Mbit/s
95th percentile per-packet one-way delay: 64.710 ms
Loss rate: 31.28%
-- Flow 1:
Average throughput: 59.96 Mbit/s
95th percentile per-packet one-way delay: 64.710 ms
Loss rate: 31.28%

Run 10: Report of Verus — Data Link

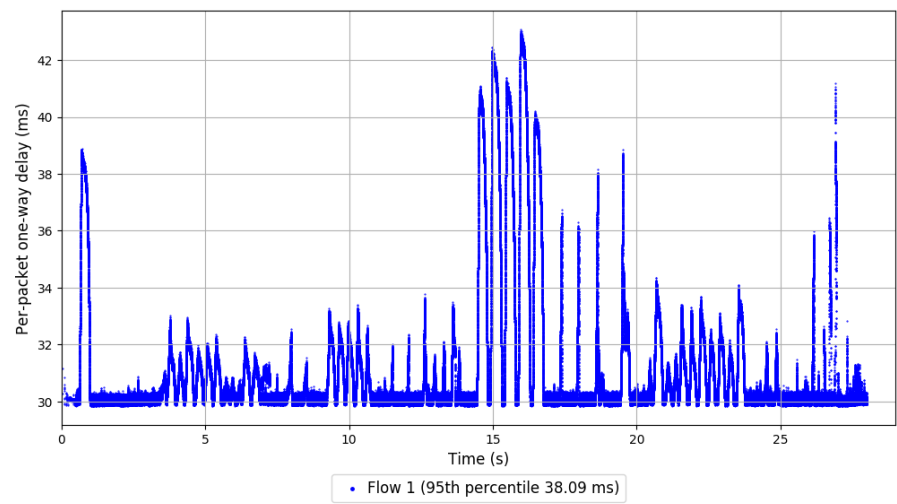
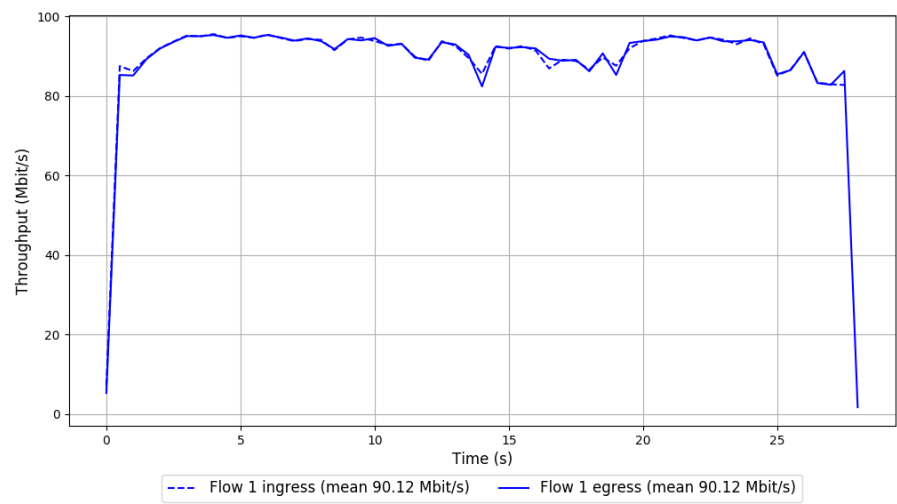


Run 1: Statistics of Copa

Start at: 2017-12-11 14:04:32
End at: 2017-12-11 14:05:02
Local clock offset: 1.415 ms
Remote clock offset: -0.364 ms

Below is generated by plot.py at 2017-12-11 17:42:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.12 Mbit/s
95th percentile per-packet one-way delay: 38.086 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.12 Mbit/s
95th percentile per-packet one-way delay: 38.086 ms
Loss rate: 0.01%

Run 1: Report of Copa — Data Link

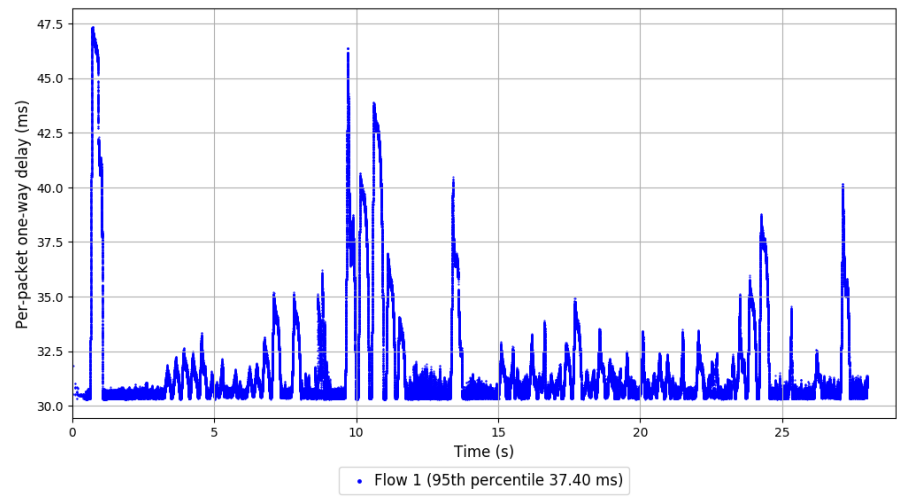
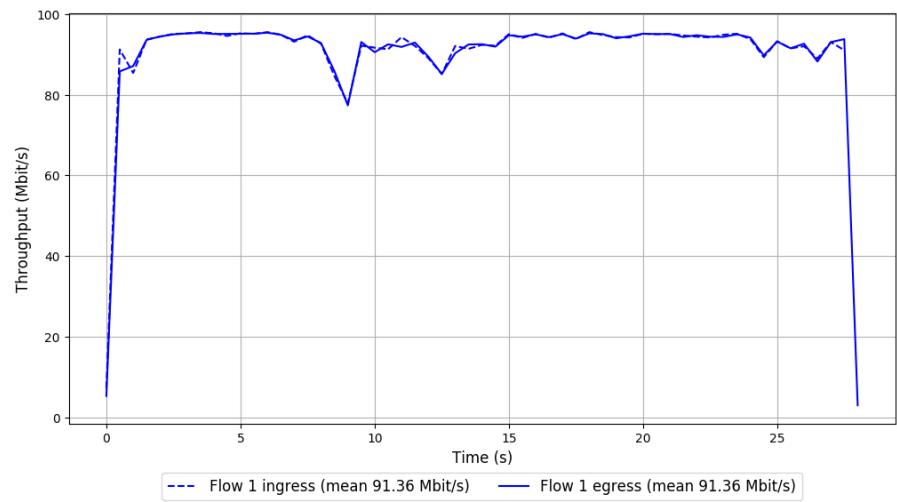


Run 2: Statistics of Copa

Start at: 2017-12-11 14:23:36
End at: 2017-12-11 14:24:06
Local clock offset: 1.342 ms
Remote clock offset: -0.233 ms

Below is generated by plot.py at 2017-12-11 17:42:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.36 Mbit/s
95th percentile per-packet one-way delay: 37.396 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.36 Mbit/s
95th percentile per-packet one-way delay: 37.396 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

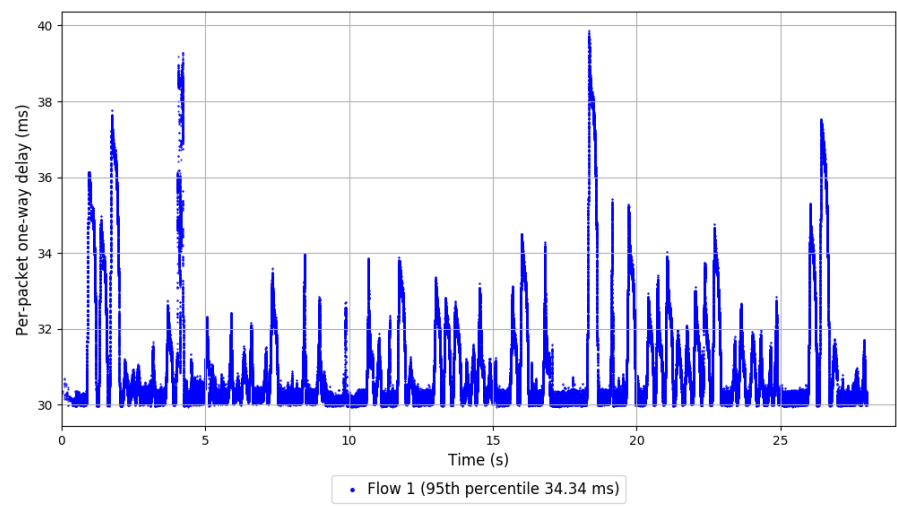
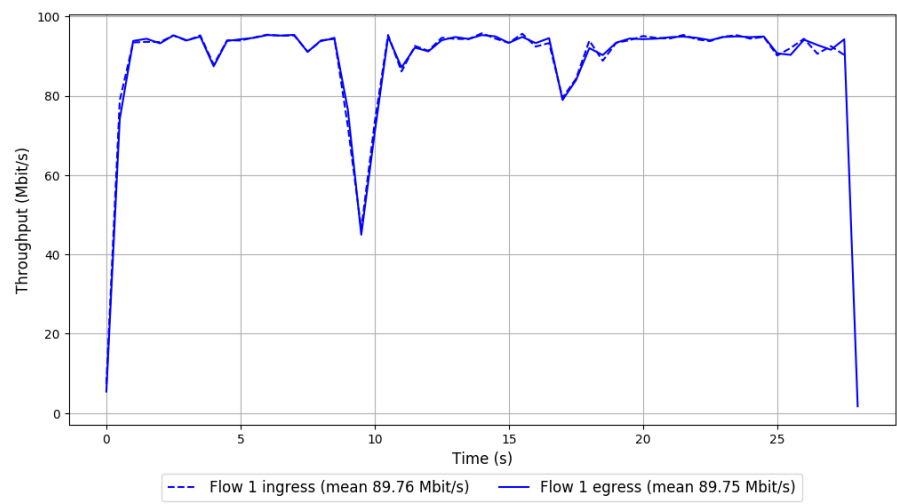


Run 3: Statistics of Copa

Start at: 2017-12-11 14:42:52
End at: 2017-12-11 14:43:22
Local clock offset: 1.157 ms
Remote clock offset: -1.033 ms

Below is generated by plot.py at 2017-12-11 17:43:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.75 Mbit/s
95th percentile per-packet one-way delay: 34.342 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.75 Mbit/s
95th percentile per-packet one-way delay: 34.342 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link

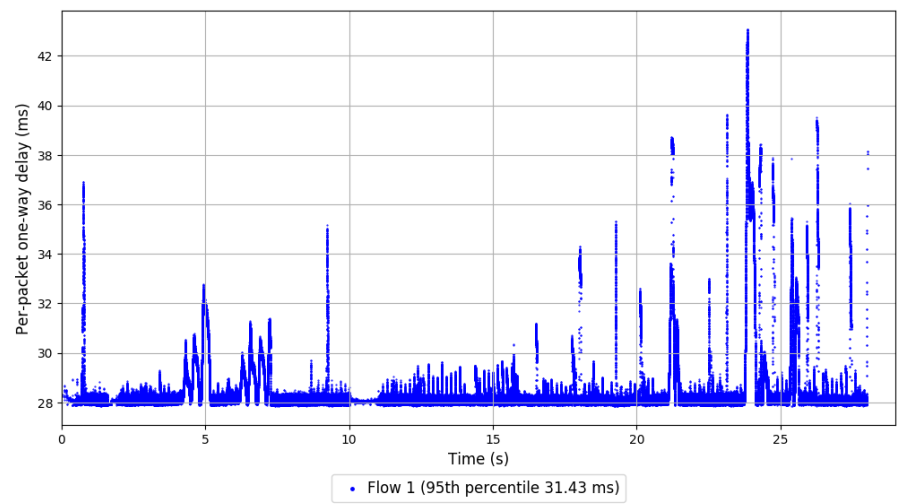
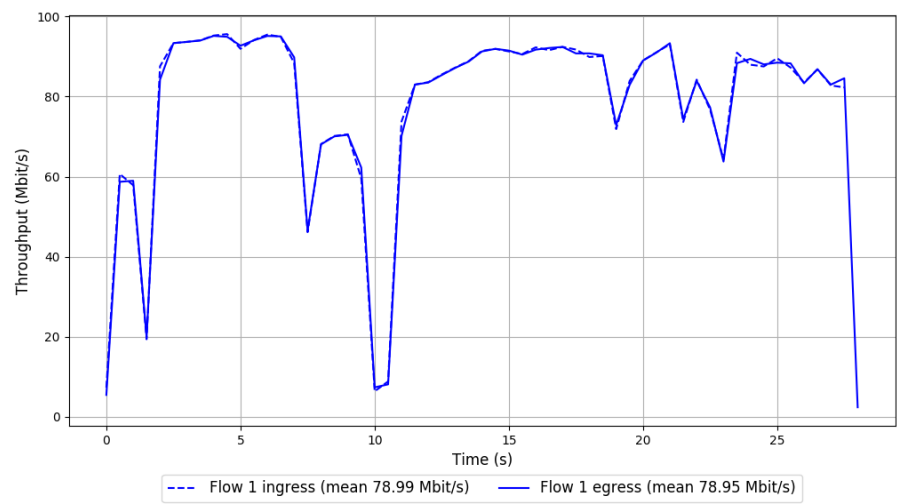


Run 4: Statistics of Copa

Start at: 2017-12-11 15:02:13
End at: 2017-12-11 15:02:43
Local clock offset: 0.923 ms
Remote clock offset: -3.204 ms

Below is generated by plot.py at 2017-12-11 17:43:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.95 Mbit/s
95th percentile per-packet one-way delay: 31.428 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 78.95 Mbit/s
95th percentile per-packet one-way delay: 31.428 ms
Loss rate: 0.02%

Run 4: Report of Copa — Data Link

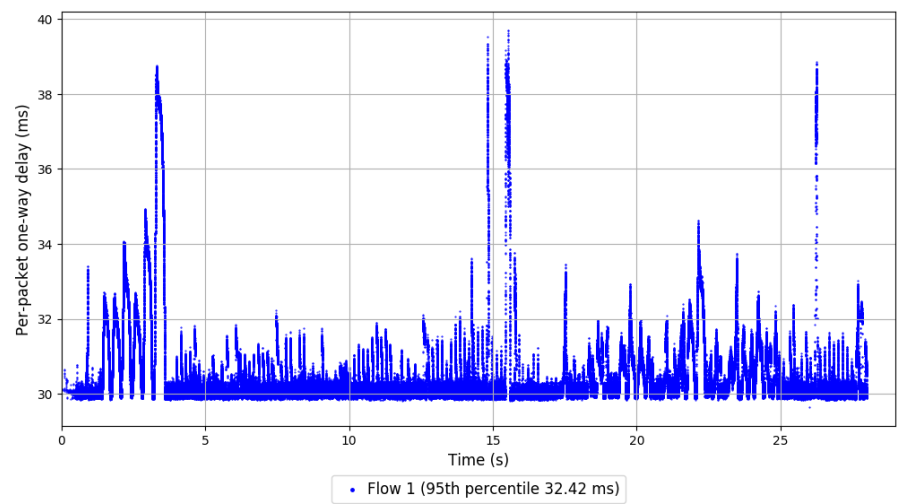
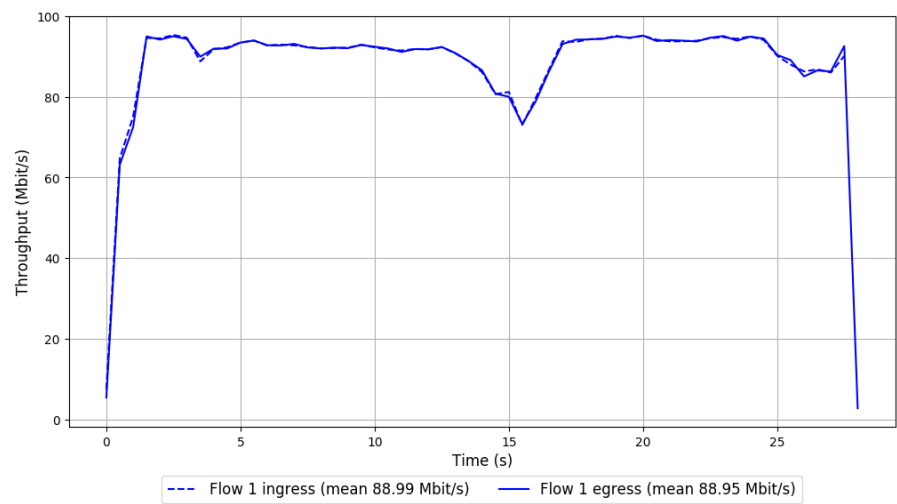


Run 5: Statistics of Copa

Start at: 2017-12-11 15:21:40
End at: 2017-12-11 15:22:10
Local clock offset: 0.621 ms
Remote clock offset: -1.249 ms

Below is generated by plot.py at 2017-12-11 17:43:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.95 Mbit/s
95th percentile per-packet one-way delay: 32.422 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 88.95 Mbit/s
95th percentile per-packet one-way delay: 32.422 ms
Loss rate: 0.04%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2017-12-11 15:40:40

End at: 2017-12-11 15:41:10

Local clock offset: 0.484 ms

Remote clock offset: -0.85 ms

Below is generated by plot.py at 2017-12-11 17:43:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.96 Mbit/s

95th percentile per-packet one-way delay: 34.988 ms

Loss rate: 0.02%

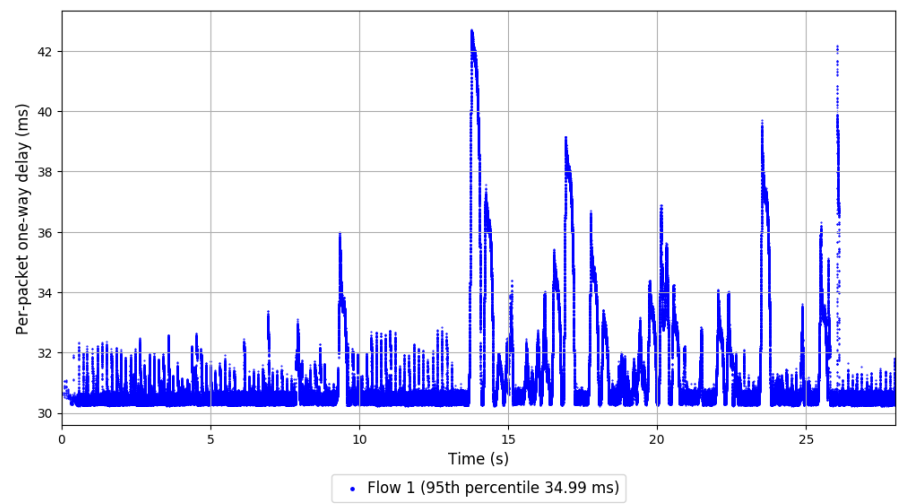
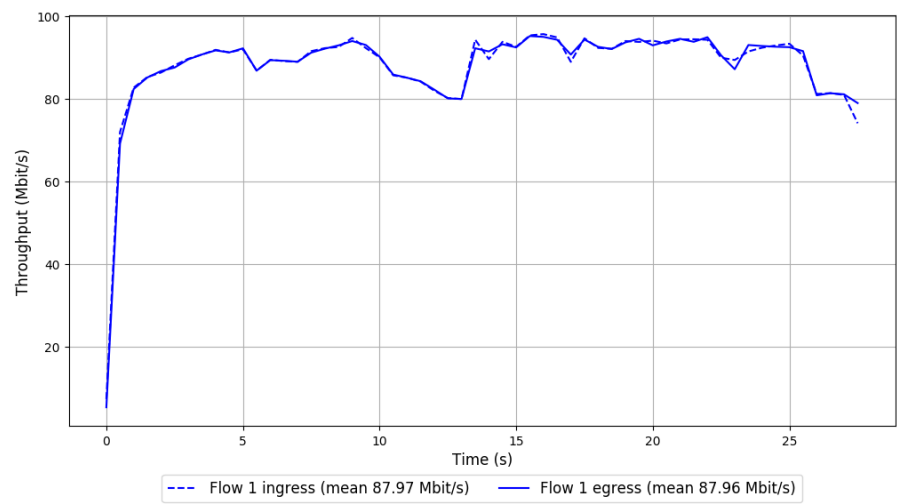
-- Flow 1:

Average throughput: 87.96 Mbit/s

95th percentile per-packet one-way delay: 34.988 ms

Loss rate: 0.02%

Run 6: Report of Copa — Data Link

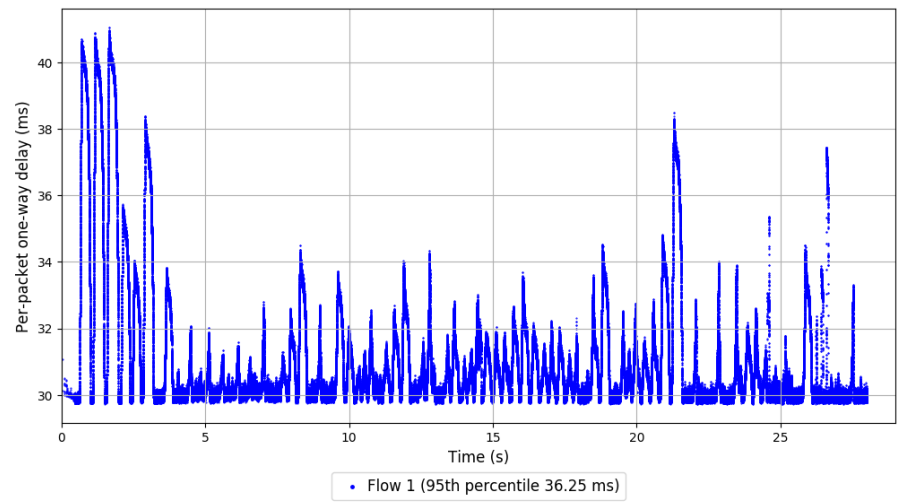
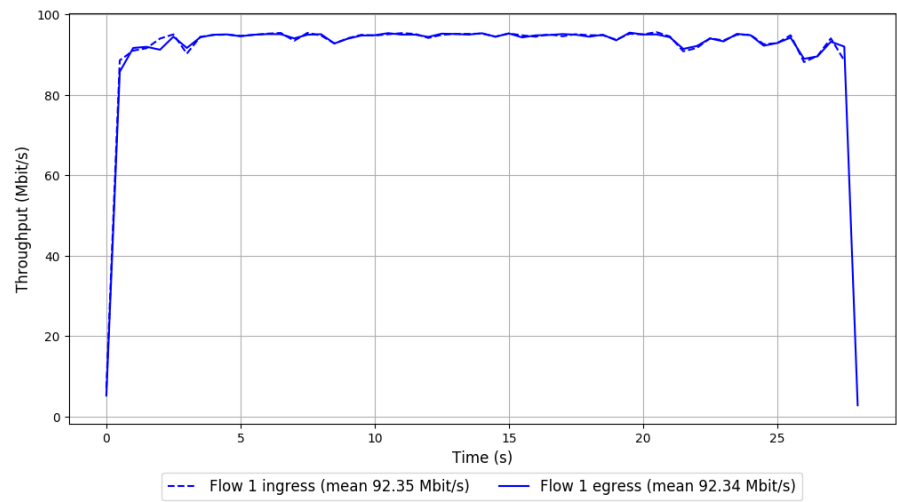


Run 7: Statistics of Copa

Start at: 2017-12-11 15:59:34
End at: 2017-12-11 16:00:04
Local clock offset: 0.471 ms
Remote clock offset: -1.089 ms

Below is generated by plot.py at 2017-12-11 17:43:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: 36.254 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: 36.254 ms
Loss rate: 0.01%

Run 7: Report of Copa — Data Link

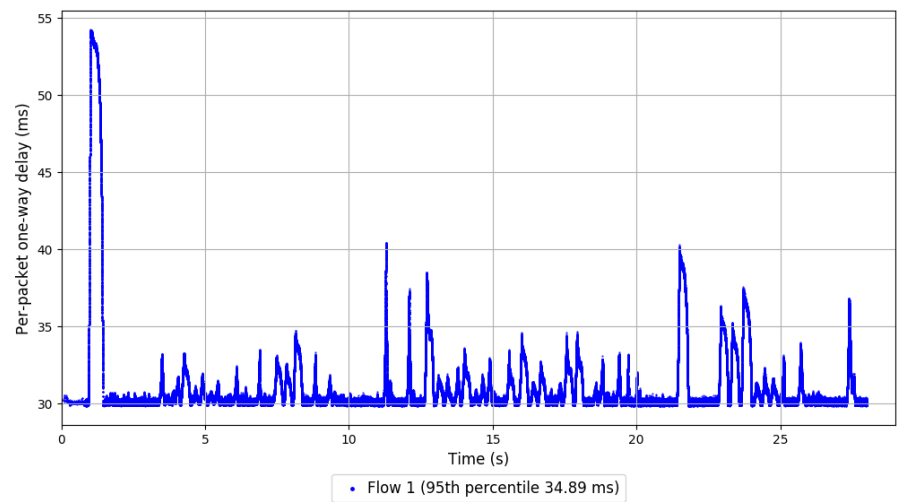
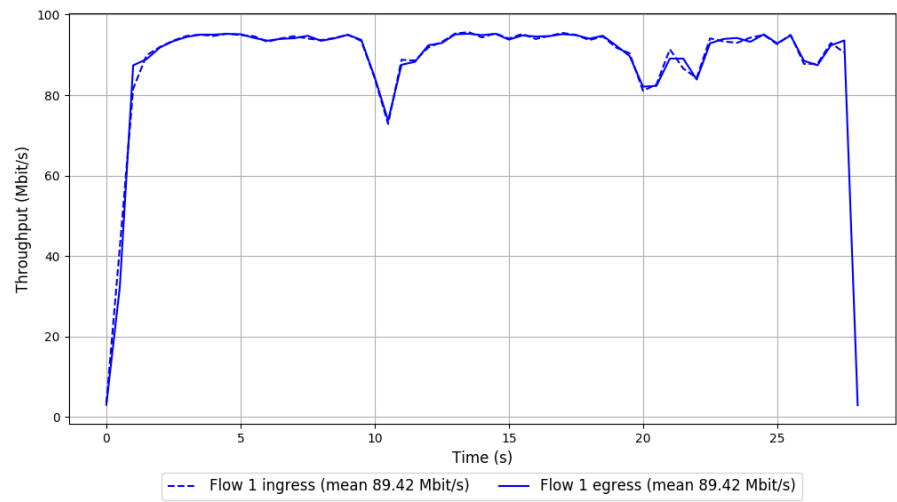


Run 8: Statistics of Copa

Start at: 2017-12-11 16:18:27
End at: 2017-12-11 16:18:57
Local clock offset: 0.294 ms
Remote clock offset: -0.787 ms

Below is generated by plot.py at 2017-12-11 17:43:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.42 Mbit/s
95th percentile per-packet one-way delay: 34.890 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.42 Mbit/s
95th percentile per-packet one-way delay: 34.890 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-12-11 16:37:42

End at: 2017-12-11 16:38:12

Local clock offset: 0.359 ms

Remote clock offset: -0.49 ms

Below is generated by plot.py at 2017-12-11 17:44:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.58 Mbit/s

95th percentile per-packet one-way delay: 32.376 ms

Loss rate: 0.06%

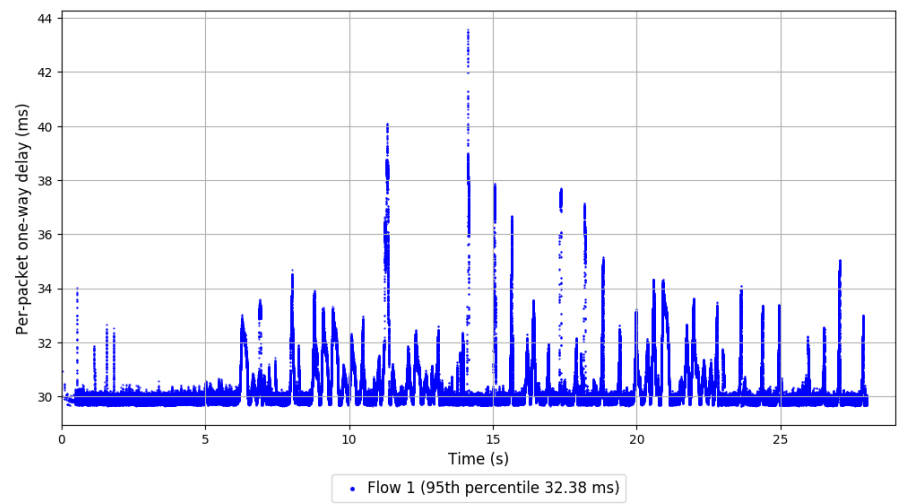
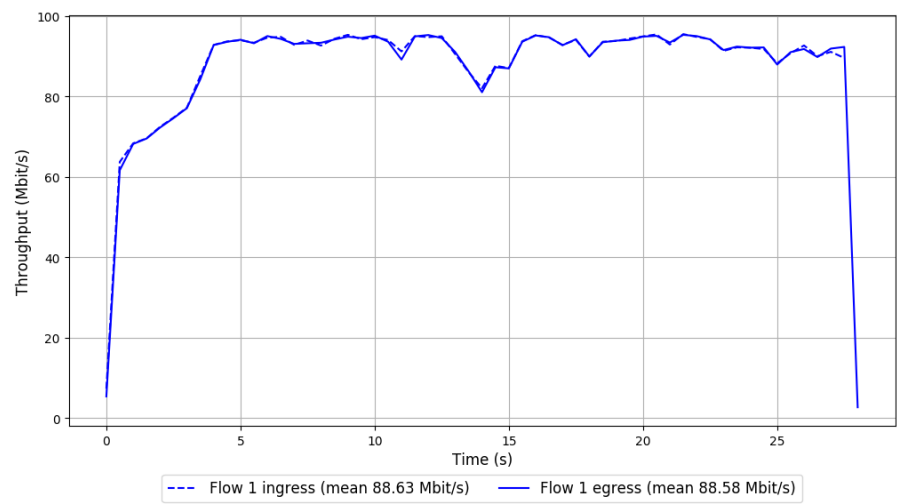
-- Flow 1:

Average throughput: 88.58 Mbit/s

95th percentile per-packet one-way delay: 32.376 ms

Loss rate: 0.06%

Run 9: Report of Copa — Data Link

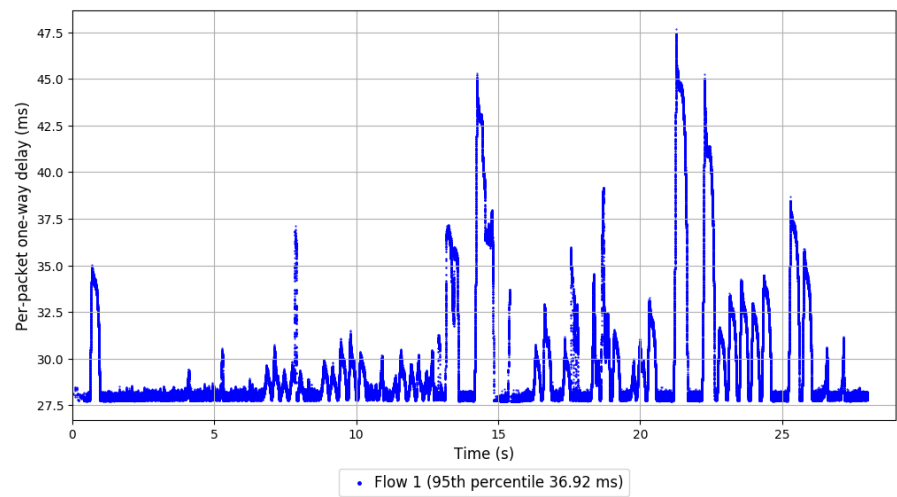
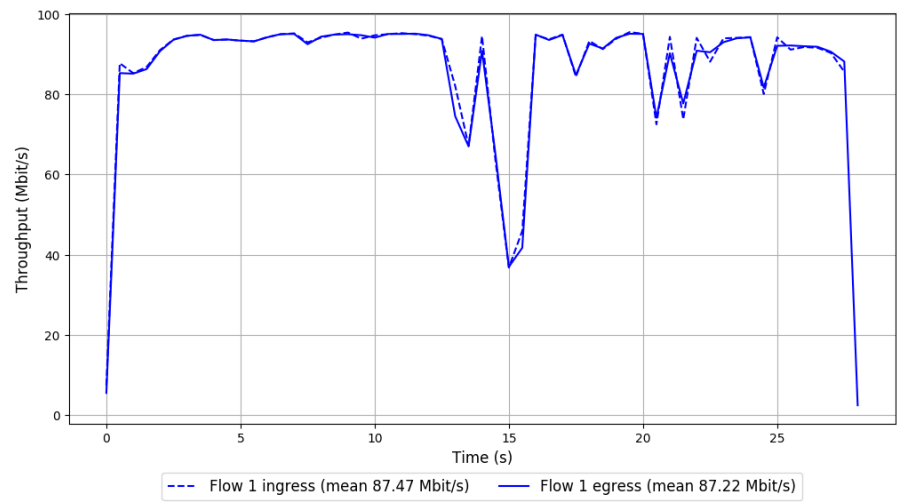


Run 10: Statistics of Copa

Start at: 2017-12-11 16:56:34
End at: 2017-12-11 16:57:05
Local clock offset: 0.352 ms
Remote clock offset: -2.196 ms

Below is generated by plot.py at 2017-12-11 17:45:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 36.922 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 36.922 ms
Loss rate: 0.29%

Run 10: Report of Copa — Data Link

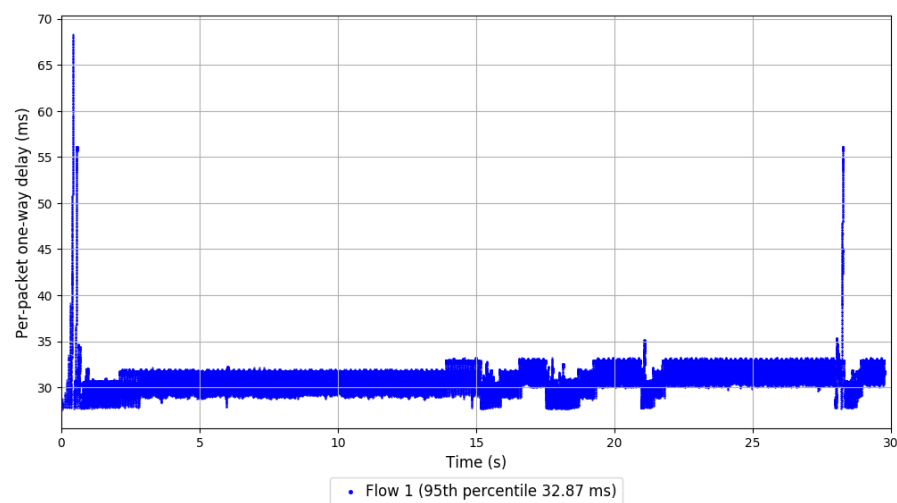
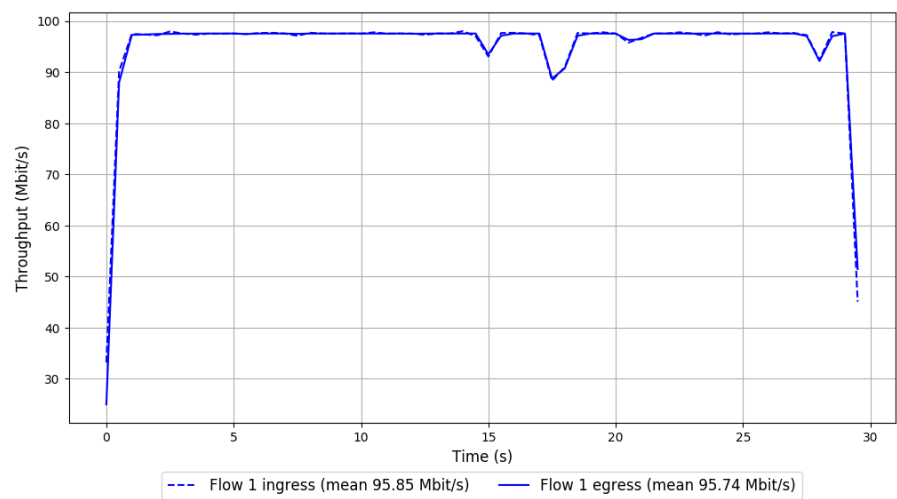


```
Run 1: Statistics of Indigo

Start at: 2017-12-11 14:08:44
End at: 2017-12-11 14:09:14
Local clock offset: 1.393 ms
Remote clock offset: -2.516 ms

# Below is generated by plot.py at 2017-12-11 17:45:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 32.866 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 32.866 ms
Loss rate: 0.10%
```


Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-12-11 14:27:52

End at: 2017-12-11 14:28:22

Local clock offset: 1.252 ms

Remote clock offset: -0.769 ms

Below is generated by plot.py at 2017-12-11 17:45:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 35.594 ms

Loss rate: 0.01%

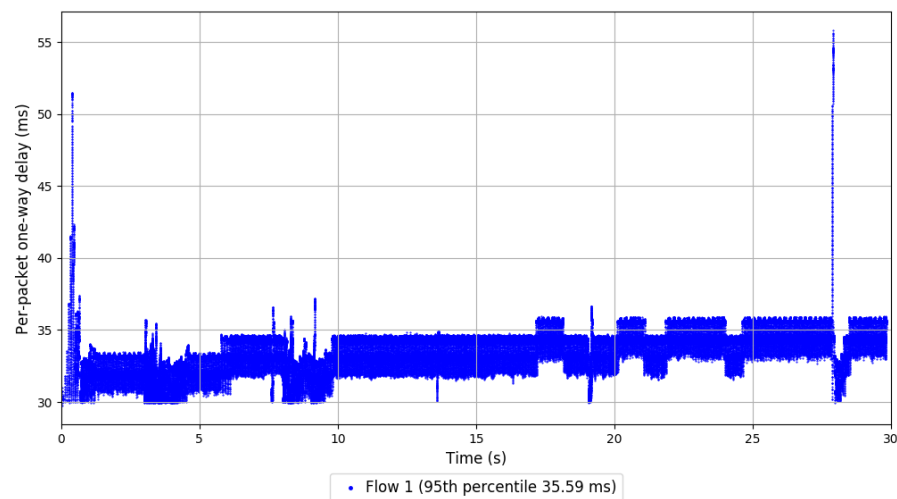
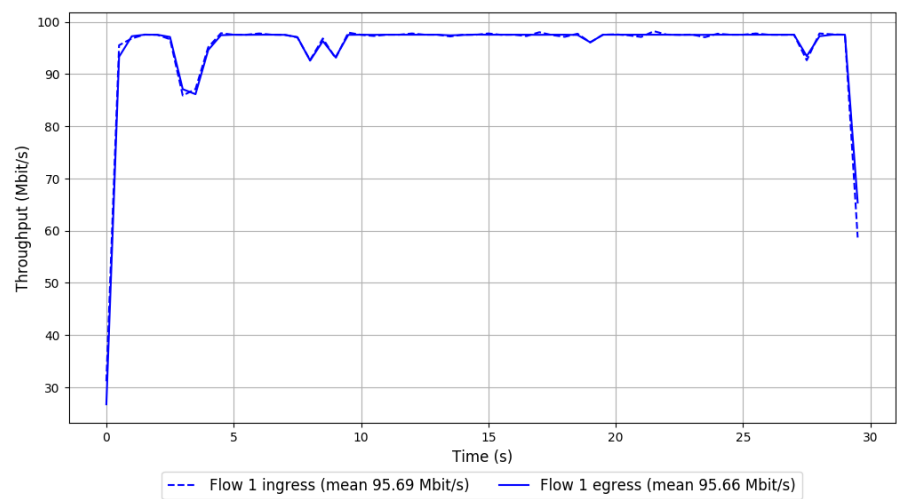
-- Flow 1:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 35.594 ms

Loss rate: 0.01%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-12-11 14:47:04

End at: 2017-12-11 14:47:34

Local clock offset: 1.219 ms

Remote clock offset: -3.205 ms

Below is generated by plot.py at 2017-12-11 17:45:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.69 Mbit/s

95th percentile per-packet one-way delay: 33.332 ms

Loss rate: 0.02%

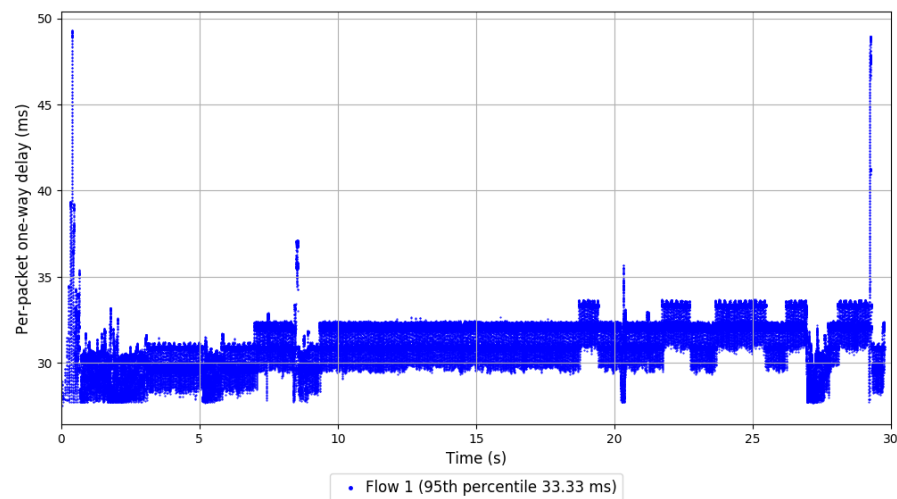
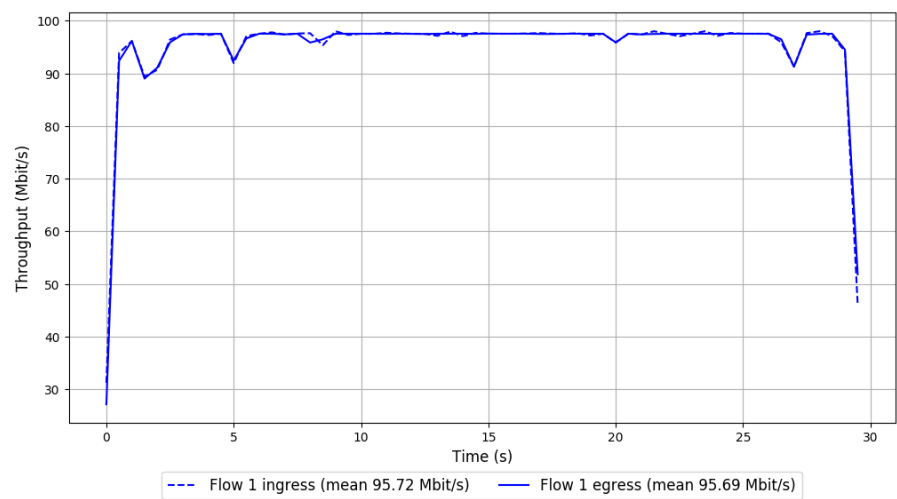
-- Flow 1:

Average throughput: 95.69 Mbit/s

95th percentile per-packet one-way delay: 33.332 ms

Loss rate: 0.02%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-12-11 15:06:36

End at: 2017-12-11 15:07:06

Local clock offset: 0.914 ms

Remote clock offset: -1.101 ms

Below is generated by plot.py at 2017-12-11 17:45:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.47 Mbit/s

95th percentile per-packet one-way delay: 35.426 ms

Loss rate: 0.00%

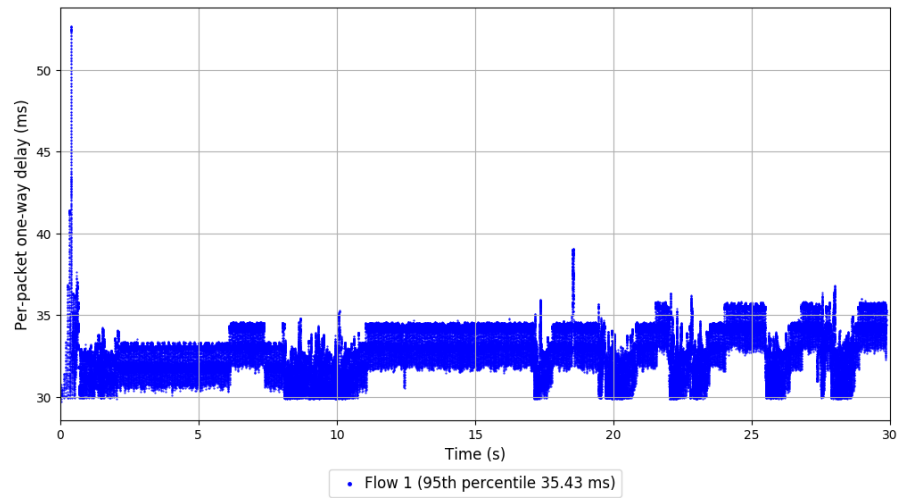
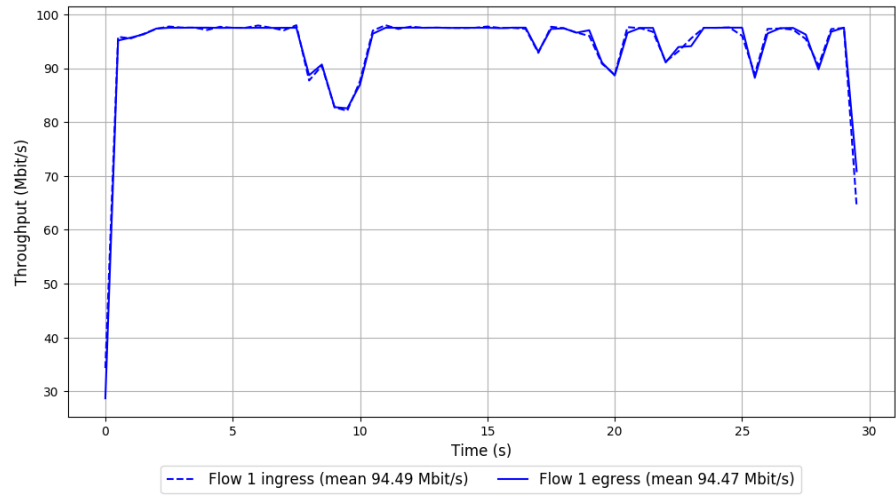
-- Flow 1:

Average throughput: 94.47 Mbit/s

95th percentile per-packet one-way delay: 35.426 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

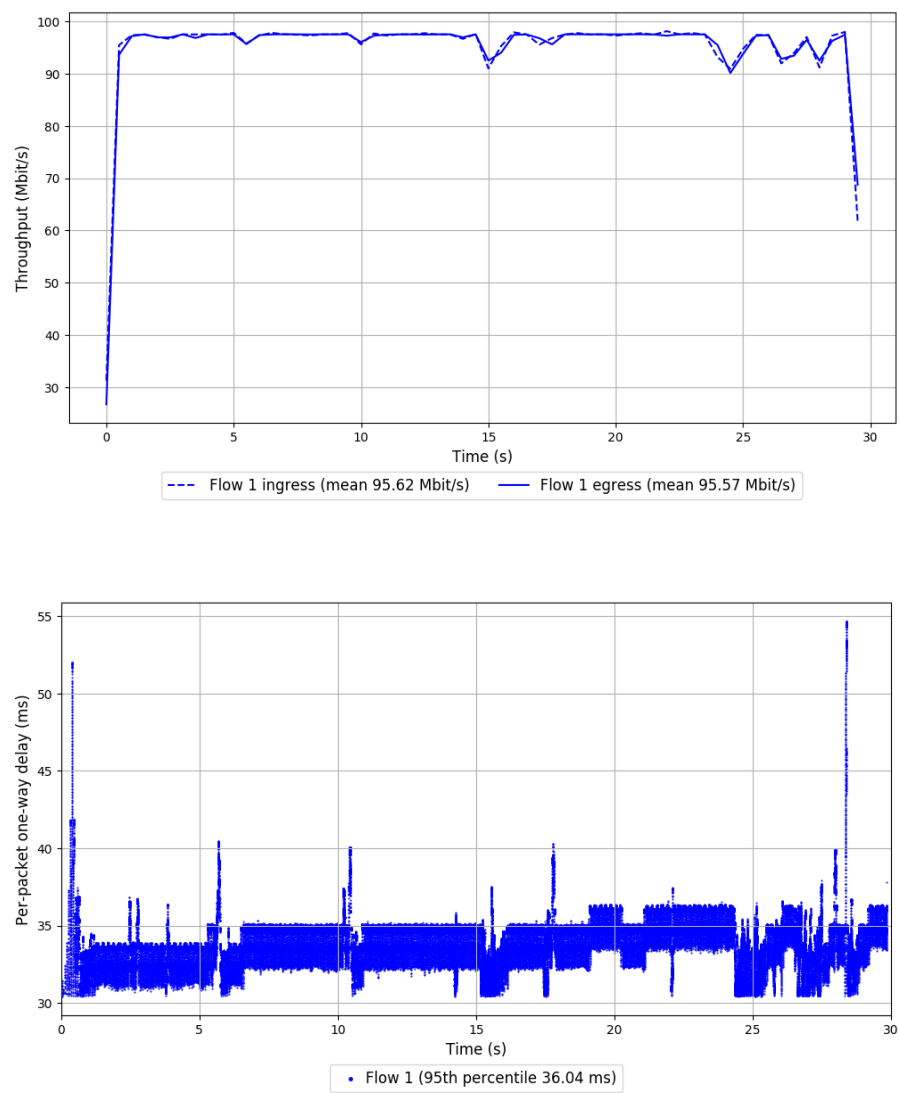


Run 5: Statistics of Indigo

Start at: 2017-12-11 15:25:51
End at: 2017-12-11 15:26:21
Local clock offset: 0.595 ms
Remote clock offset: -0.655 ms

Below is generated by plot.py at 2017-12-11 17:45:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 36.040 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 36.040 ms
Loss rate: 0.03%

Run 5: Report of Indigo — Data Link

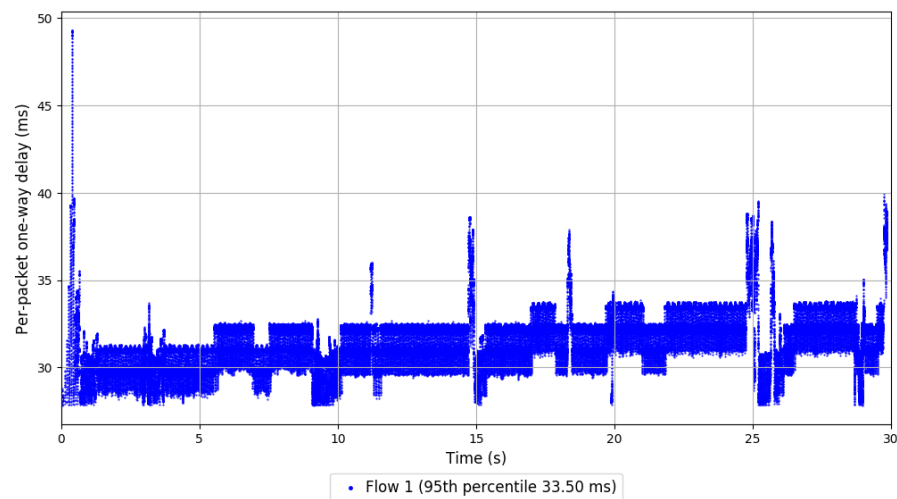
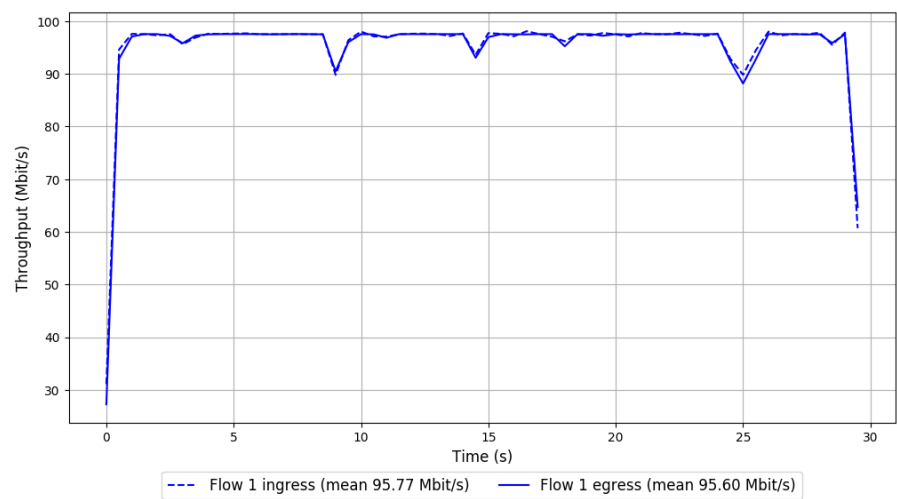


Run 6: Statistics of Indigo

Start at: 2017-12-11 15:44:51
End at: 2017-12-11 15:45:21
Local clock offset: 0.431 ms
Remote clock offset: -3.219 ms

Below is generated by plot.py at 2017-12-11 17:45:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 33.497 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 33.497 ms
Loss rate: 0.15%

Run 6: Report of Indigo — Data Link

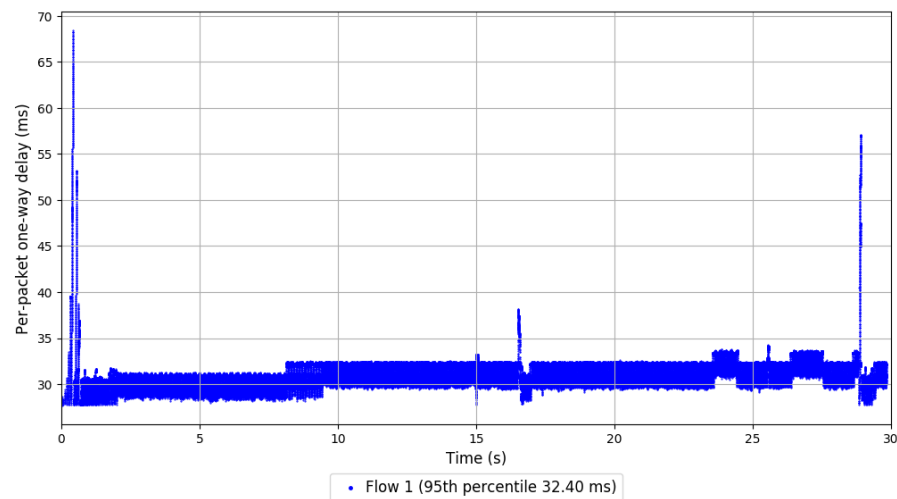
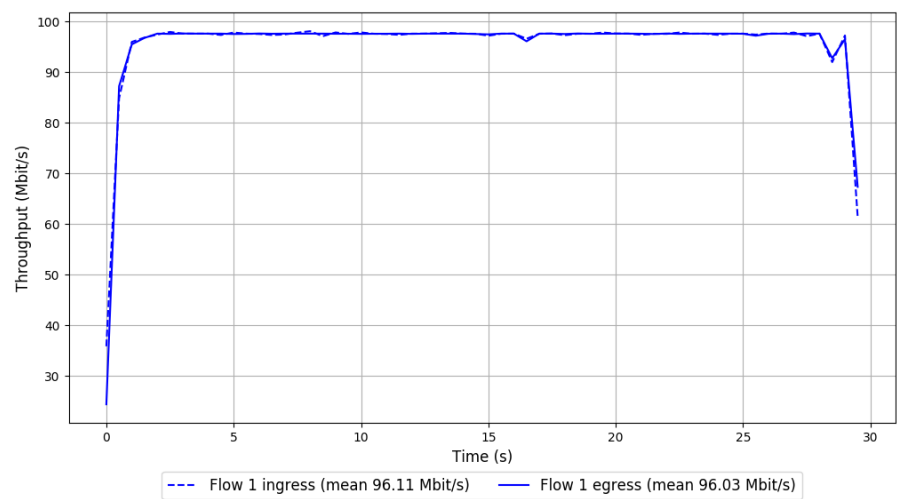


Run 7: Statistics of Indigo

Start at: 2017-12-11 16:03:45
End at: 2017-12-11 16:04:15
Local clock offset: 0.316 ms
Remote clock offset: -3.084 ms

Below is generated by plot.py at 2017-12-11 17:45:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 32.403 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 32.403 ms
Loss rate: 0.07%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2017-12-11 16:22:44

End at: 2017-12-11 16:23:14

Local clock offset: 0.252 ms

Remote clock offset: -2.781 ms

Below is generated by plot.py at 2017-12-11 17:45:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.11 Mbit/s

95th percentile per-packet one-way delay: 33.378 ms

Loss rate: 0.03%

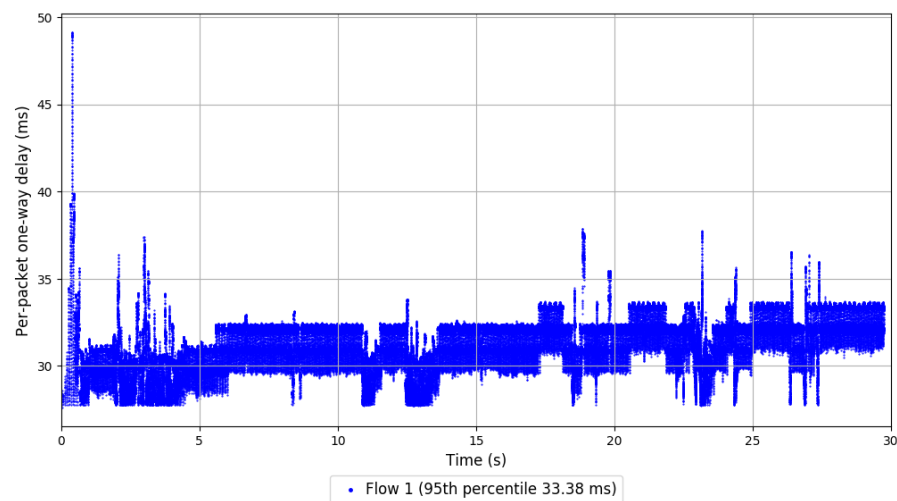
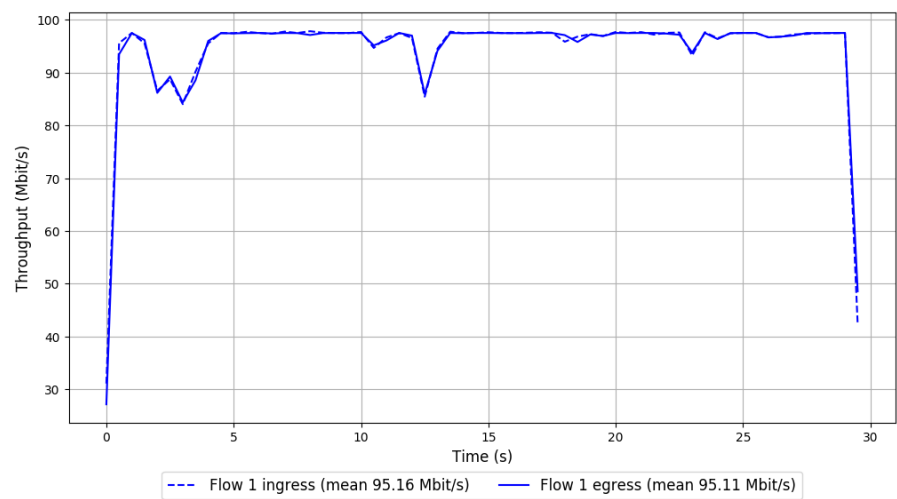
-- Flow 1:

Average throughput: 95.11 Mbit/s

95th percentile per-packet one-way delay: 33.378 ms

Loss rate: 0.03%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-12-11 16:41:54

End at: 2017-12-11 16:42:24

Local clock offset: 0.3 ms

Remote clock offset: -0.278 ms

Below is generated by plot.py at 2017-12-11 17:46:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.80 Mbit/s

95th percentile per-packet one-way delay: 34.398 ms

Loss rate: 0.10%

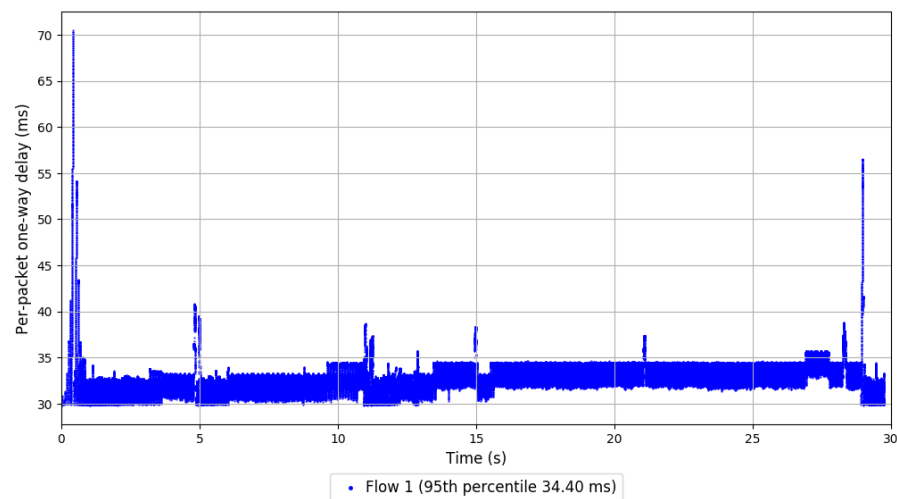
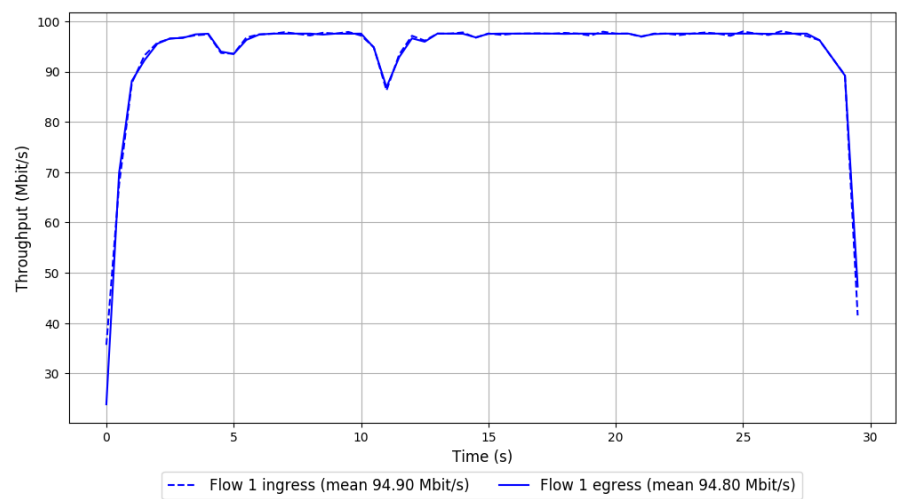
-- Flow 1:

Average throughput: 94.80 Mbit/s

95th percentile per-packet one-way delay: 34.398 ms

Loss rate: 0.10%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-12-11 17:00:43

End at: 2017-12-11 17:01:13

Local clock offset: 0.384 ms

Remote clock offset: -2.169 ms

Below is generated by plot.py at 2017-12-11 17:46:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.50 Mbit/s

95th percentile per-packet one-way delay: 32.898 ms

Loss rate: 0.27%

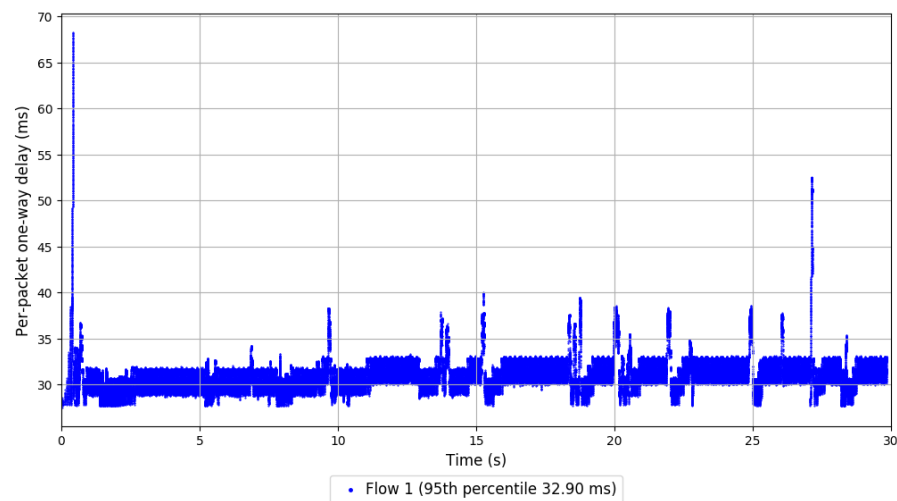
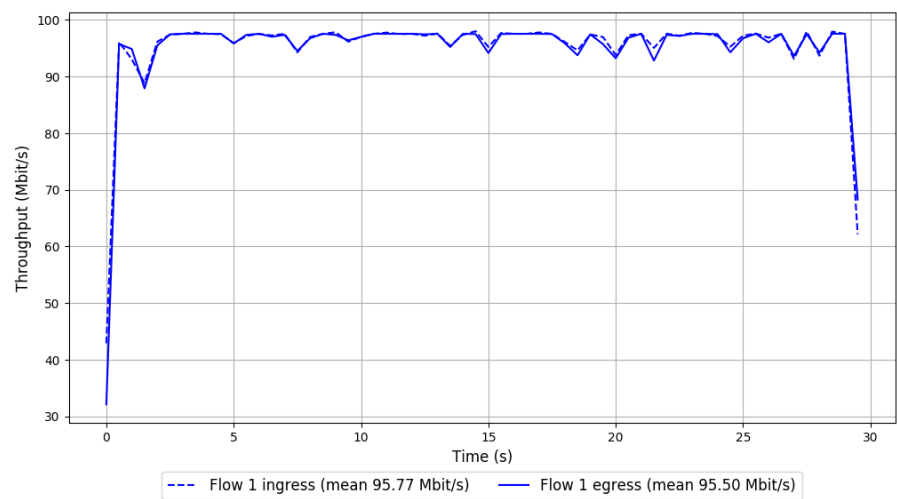
-- Flow 1:

Average throughput: 95.50 Mbit/s

95th percentile per-packet one-way delay: 32.898 ms

Loss rate: 0.27%

Run 10: Report of Indigo — Data Link

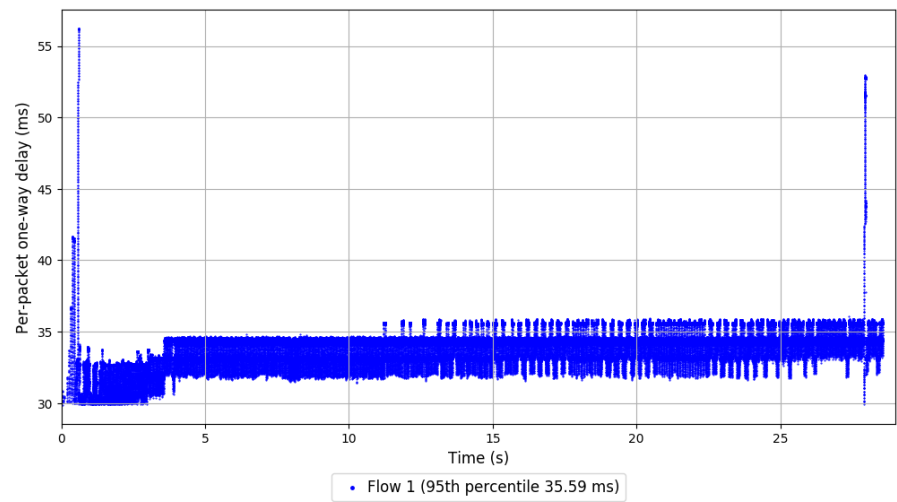
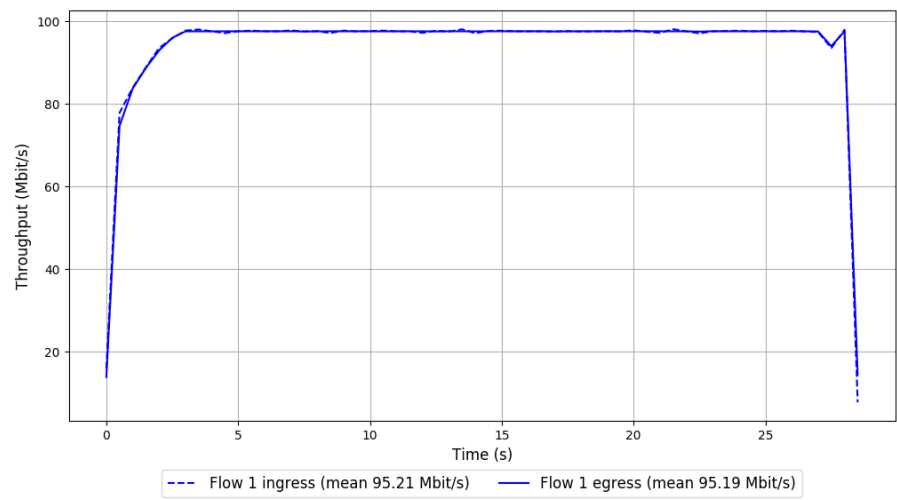


```
Run 1: Statistics of Indigo-calib

Start at: 2017-12-11 14:05:59
End at: 2017-12-11 14:06:29
Local clock offset: 1.328 ms
Remote clock offset: -0.36 ms

# Below is generated by plot.py at 2017-12-11 17:46:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.19 Mbit/s
95th percentile per-packet one-way delay: 35.589 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.19 Mbit/s
95th percentile per-packet one-way delay: 35.589 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-calib — Data Link

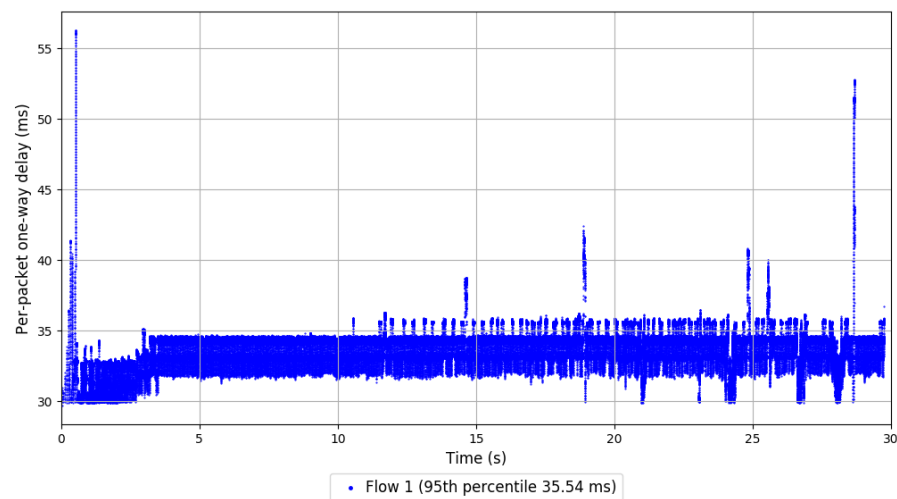
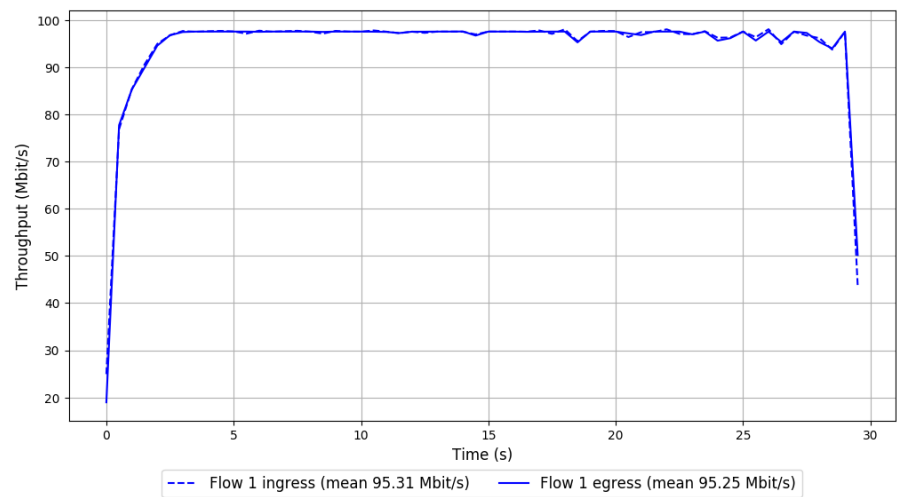


```
Run 2: Statistics of Indigo-calib

Start at: 2017-12-11 14:25:03
End at: 2017-12-11 14:25:33
Local clock offset: 1.308 ms
Remote clock offset: -0.704 ms

# Below is generated by plot.py at 2017-12-11 17:46:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 35.542 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 35.542 ms
Loss rate: 0.04%
```

Run 2: Report of Indigo-calib — Data Link

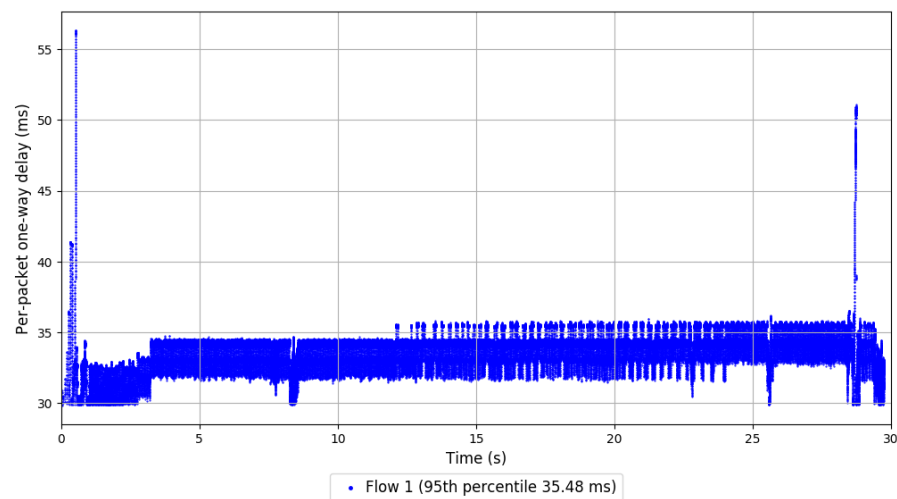
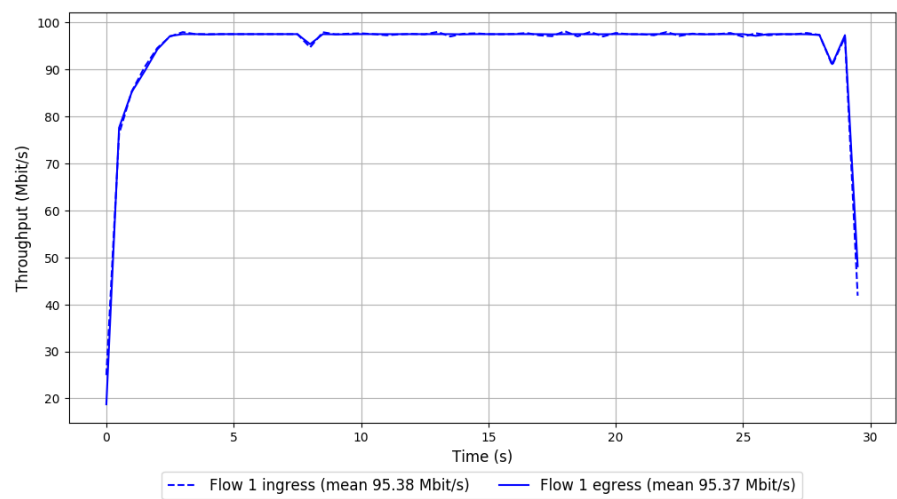


Run 3: Statistics of Indigo-calib

Start at: 2017-12-11 14:44:16
End at: 2017-12-11 14:44:46
Local clock offset: 1.243 ms
Remote clock offset: -1.029 ms

Below is generated by plot.py at 2017-12-11 17:46:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 35.483 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 35.483 ms
Loss rate: 0.00%

Run 3: Report of Indigo-calib — Data Link

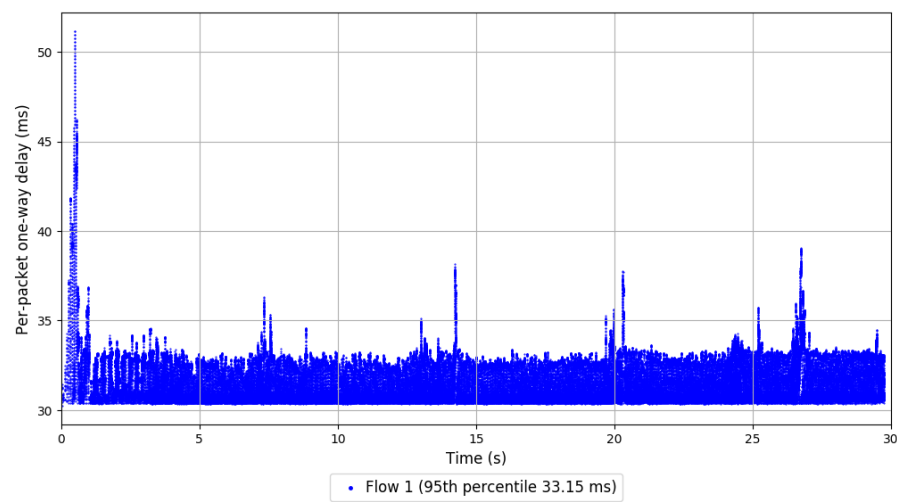
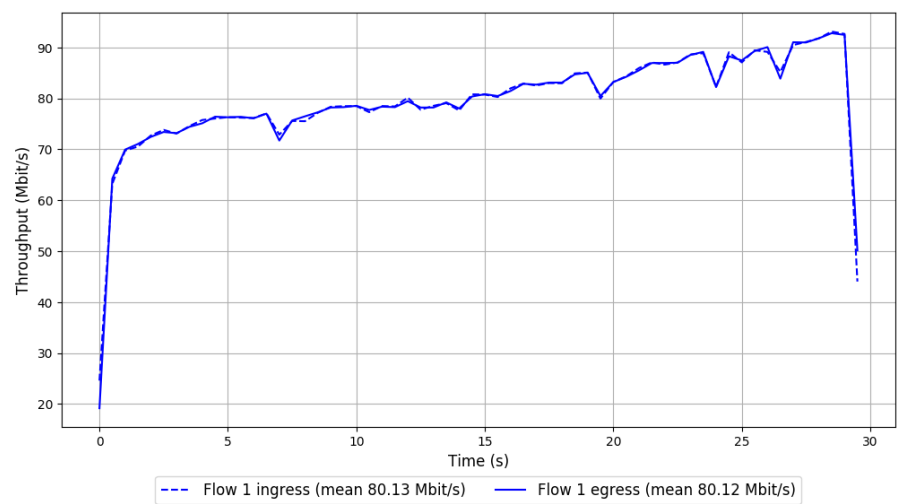


Run 4: Statistics of Indigo-calib

Start at: 2017-12-11 15:03:41
End at: 2017-12-11 15:04:11
Local clock offset: 0.908 ms
Remote clock offset: -0.695 ms

Below is generated by plot.py at 2017-12-11 17:46:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.12 Mbit/s
95th percentile per-packet one-way delay: 33.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.12 Mbit/s
95th percentile per-packet one-way delay: 33.150 ms
Loss rate: 0.00%

Run 4: Report of Indigo-calib — Data Link



Run 5: Statistics of Indigo-calib

Start at: 2017-12-11 15:23:05

End at: 2017-12-11 15:23:35

Local clock offset: 0.601 ms

Remote clock offset: -1.128 ms

Below is generated by plot.py at 2017-12-11 17:46:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.22 Mbit/s

95th percentile per-packet one-way delay: 35.627 ms

Loss rate: 0.14%

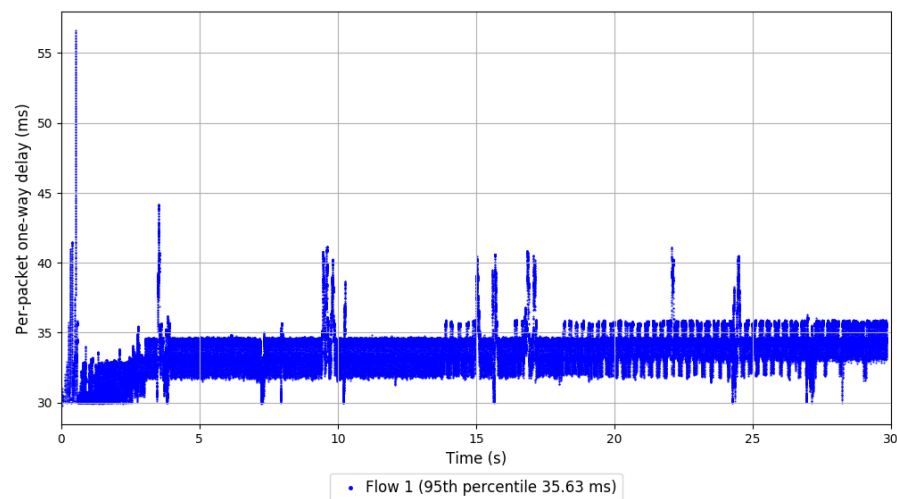
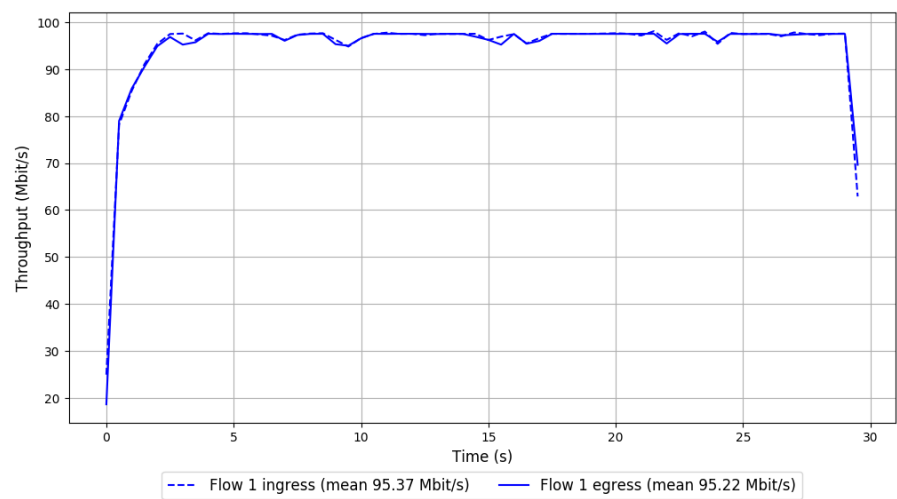
-- Flow 1:

Average throughput: 95.22 Mbit/s

95th percentile per-packet one-way delay: 35.627 ms

Loss rate: 0.14%

Run 5: Report of Indigo-calib — Data Link



Run 6: Statistics of Indigo-calib

Start at: 2017-12-11 15:42:05

End at: 2017-12-11 15:42:35

Local clock offset: 0.458 ms

Remote clock offset: -0.71 ms

Below is generated by plot.py at 2017-12-11 17:47:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 36.055 ms

Loss rate: 0.02%

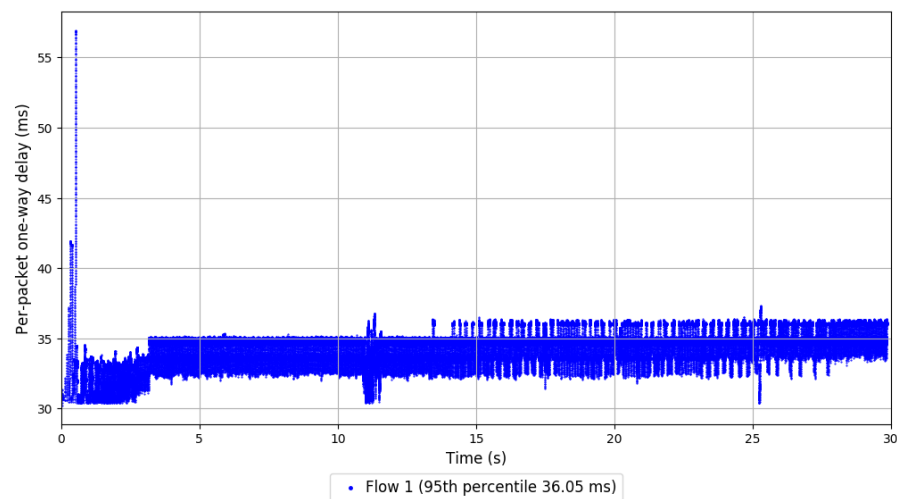
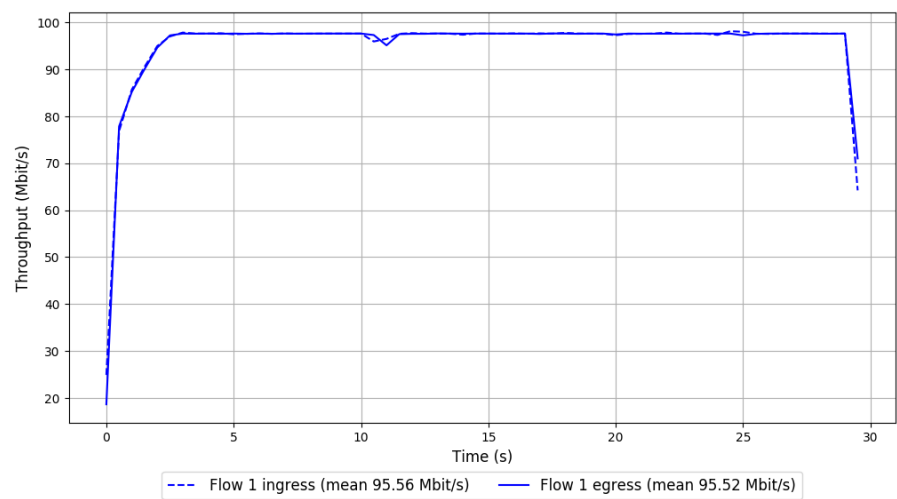
-- Flow 1:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 36.055 ms

Loss rate: 0.02%

Run 6: Report of Indigo-calib — Data Link

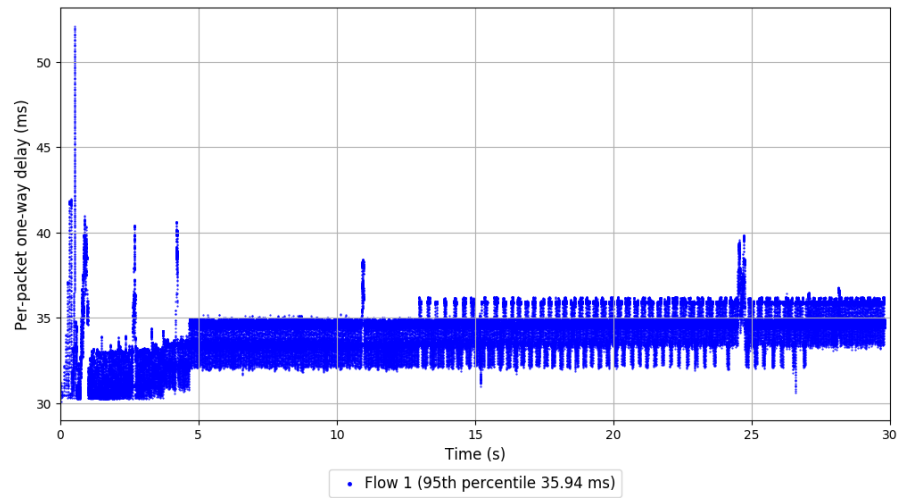
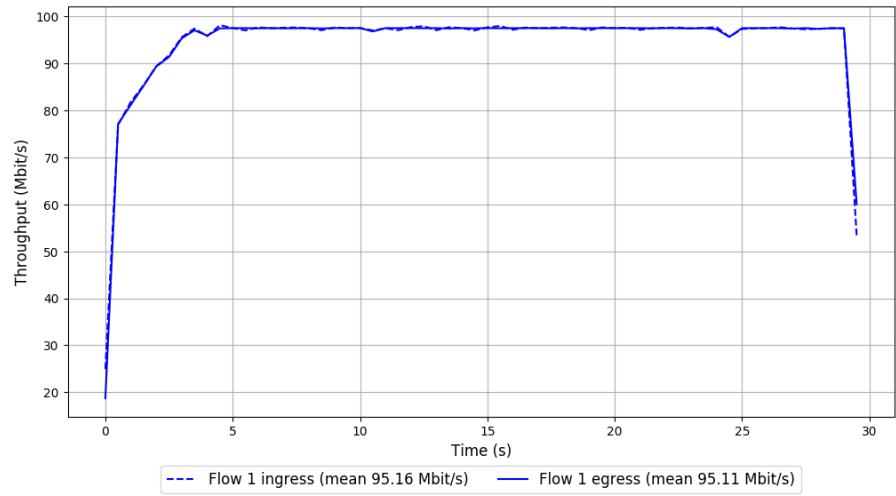


Run 7: Statistics of Indigo-calib

Start at: 2017-12-11 16:01:00
End at: 2017-12-11 16:01:30
Local clock offset: 0.363 ms
Remote clock offset: -0.621 ms

Below is generated by plot.py at 2017-12-11 17:47:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.11 Mbit/s
95th percentile per-packet one-way delay: 35.941 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 95.11 Mbit/s
95th percentile per-packet one-way delay: 35.941 ms
Loss rate: 0.03%

Run 7: Report of Indigo-calib — Data Link



Run 8: Statistics of Indigo-calib

Start at: 2017-12-11 16:19:56

End at: 2017-12-11 16:20:26

Local clock offset: 0.296 ms

Remote clock offset: -2.827 ms

Below is generated by plot.py at 2017-12-11 17:47:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.08 Mbit/s

95th percentile per-packet one-way delay: 33.401 ms

Loss rate: 0.05%

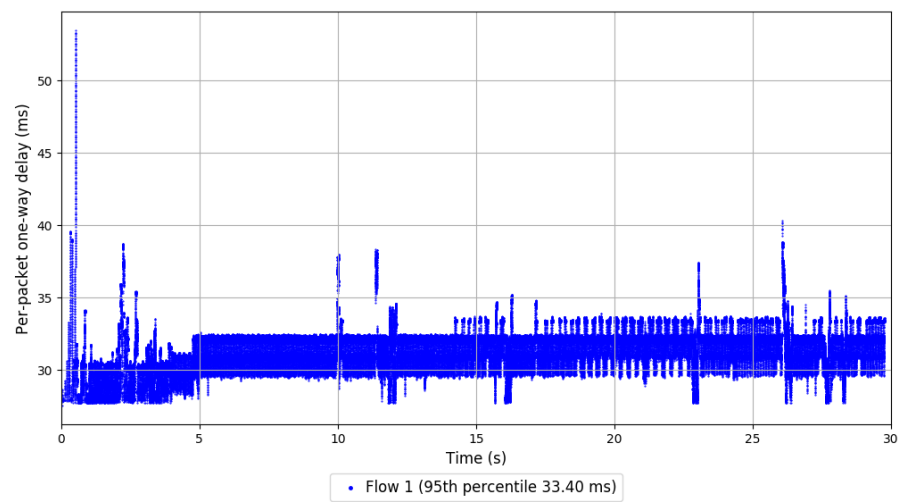
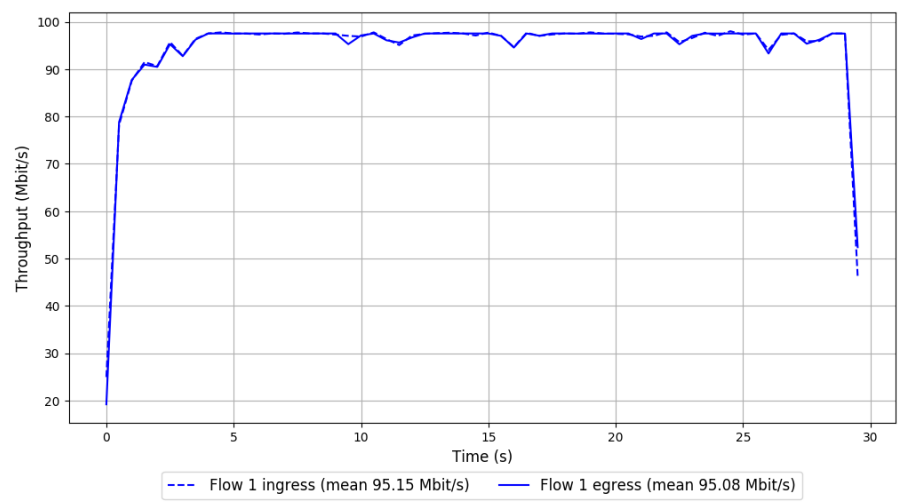
-- Flow 1:

Average throughput: 95.08 Mbit/s

95th percentile per-packet one-way delay: 33.401 ms

Loss rate: 0.05%

Run 8: Report of Indigo-calib — Data Link



Run 9: Statistics of Indigo-calib

Start at: 2017-12-11 16:39:06

End at: 2017-12-11 16:39:36

Local clock offset: 0.242 ms

Remote clock offset: -2.353 ms

Below is generated by plot.py at 2017-12-11 17:47:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.63 Mbit/s

95th percentile per-packet one-way delay: 33.544 ms

Loss rate: 0.24%

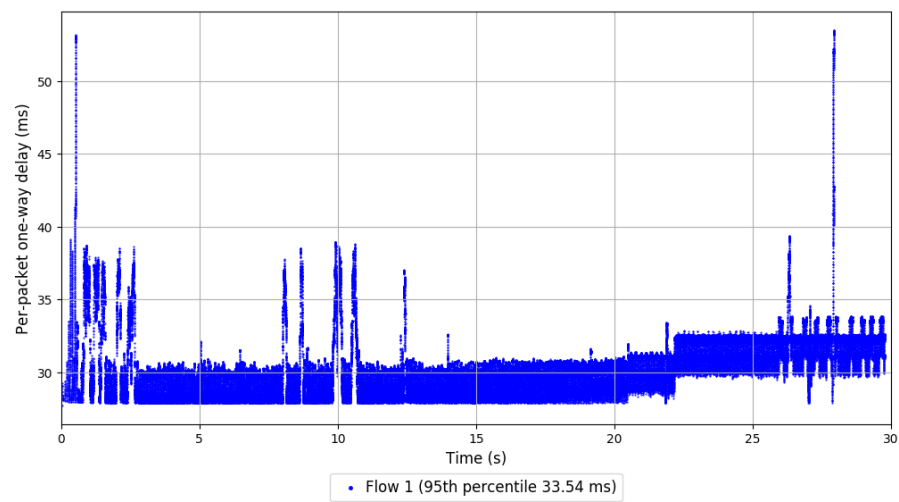
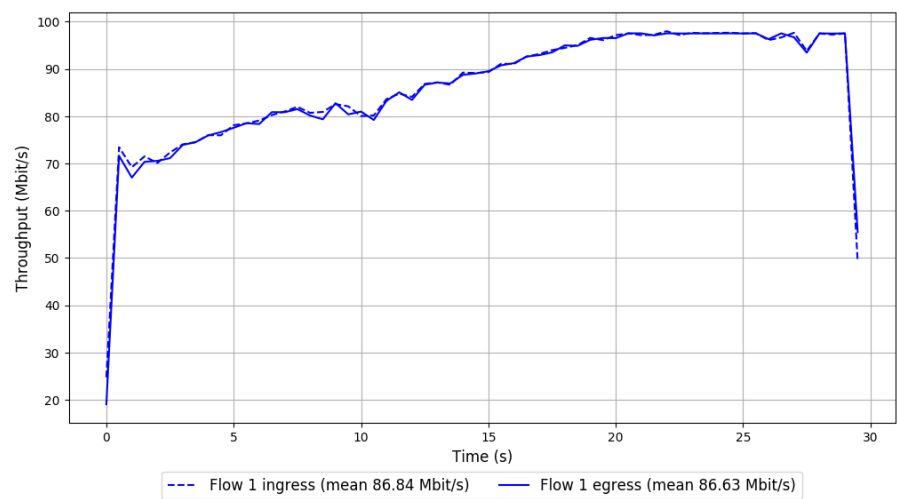
-- Flow 1:

Average throughput: 86.63 Mbit/s

95th percentile per-packet one-way delay: 33.544 ms

Loss rate: 0.24%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-12-11 16:57:58

End at: 2017-12-11 16:58:28

Local clock offset: 0.276 ms

Remote clock offset: 0.27 ms

Below is generated by plot.py at 2017-12-11 17:47:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 35.866 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 35.866 ms

Loss rate: 0.07%

Run 10: Report of Indigo-calib — Data Link

