

Pantheon Report

Generated at 2017-12-05 16:47:36 (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).

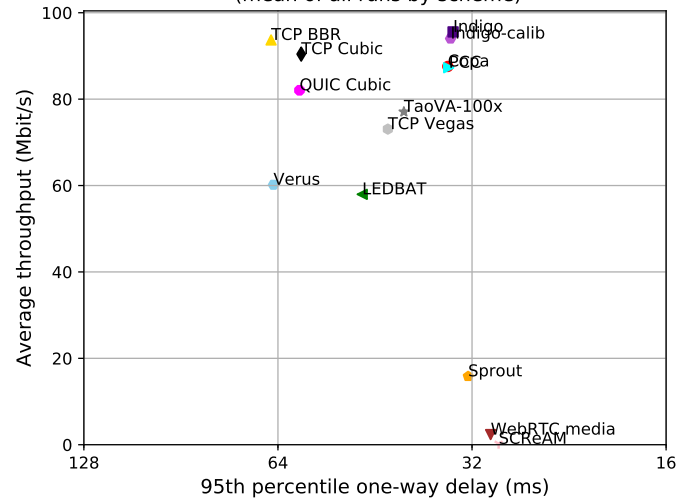
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

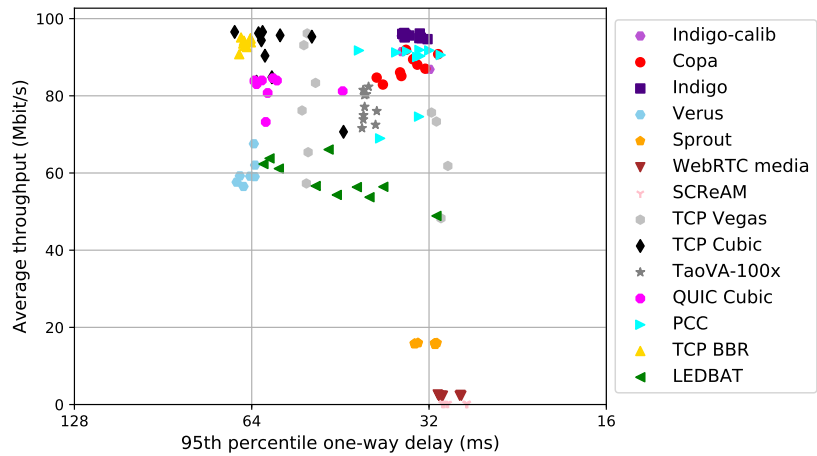
Git summary:

```
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-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	93.70	65.59	22.56
TCP Cubic	10	90.42	58.90	0.20
LEDBAT	10	57.96	47.38	0.03
PCC	10	87.27	34.77	0.50
QUIC Cubic	9	82.05	59.26	0.80
SCReAM	10	0.22	29.10	0.00
WebRTC media	10	2.35	29.94	0.01
Sprout	10	15.84	32.45	0.05
TaoVA-100x	10	77.07	40.82	0.06
TCP Vegas	10	73.06	43.22	0.30
Verus	7	60.18	65.05	32.58
Copa	10	87.57	34.89	0.07
Indigo	10	95.56	34.24	0.05
Indigo-calib	10	94.03	34.55	0.05

Run 1: Statistics of TCP BBR

Start at: 2017-12-05 13:02:36

End at: 2017-12-05 13:03:06

Local clock offset: 0.211 ms

Remote clock offset: -1.237 ms

Below is generated by plot.py at 2017-12-05 16:28:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.78 Mbit/s

95th percentile per-packet one-way delay: 67.202 ms

Loss rate: 22.45%

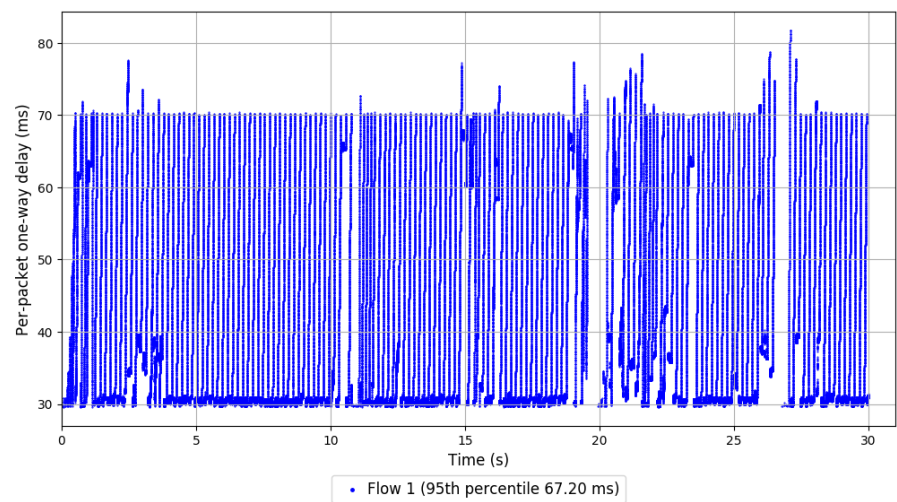
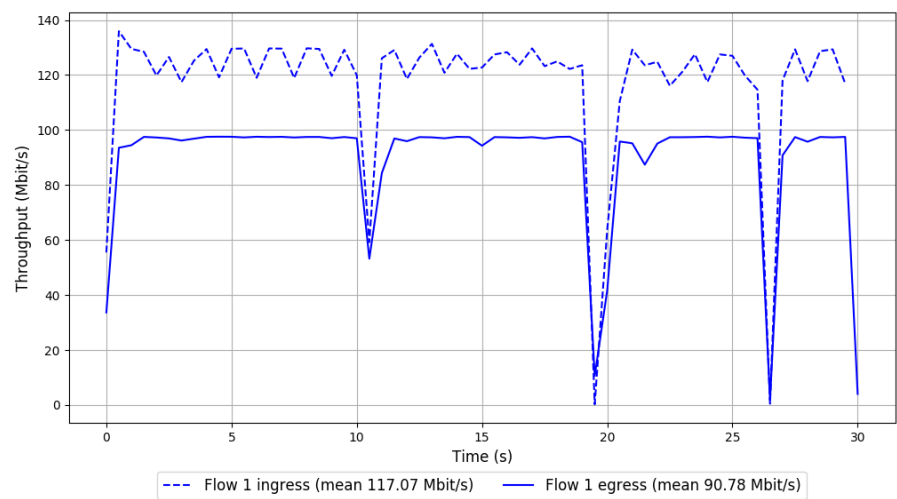
-- Flow 1:

Average throughput: 90.78 Mbit/s

95th percentile per-packet one-way delay: 67.202 ms

Loss rate: 22.45%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-12-05 13:21:32

End at: 2017-12-05 13:22:02

Local clock offset: 0.21 ms

Remote clock offset: -0.883 ms

Below is generated by plot.py at 2017-12-05 16:28:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.12 Mbit/s

95th percentile per-packet one-way delay: 66.734 ms

Loss rate: 22.46%

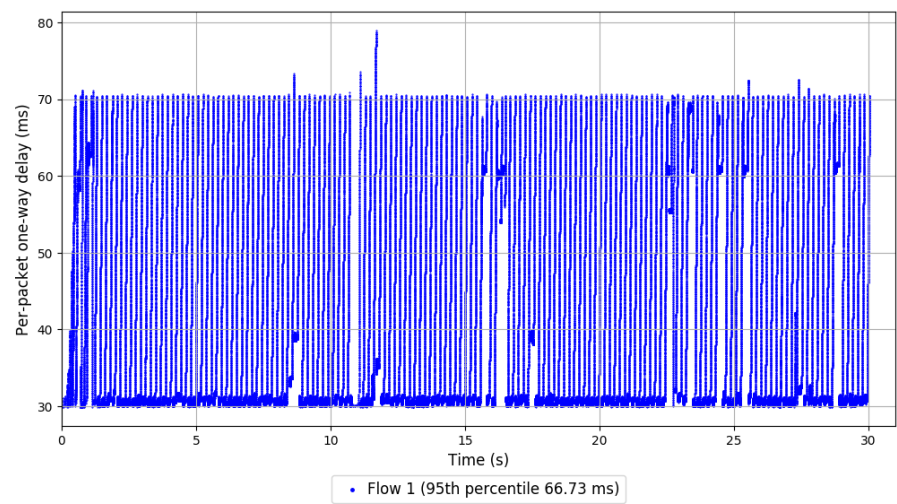
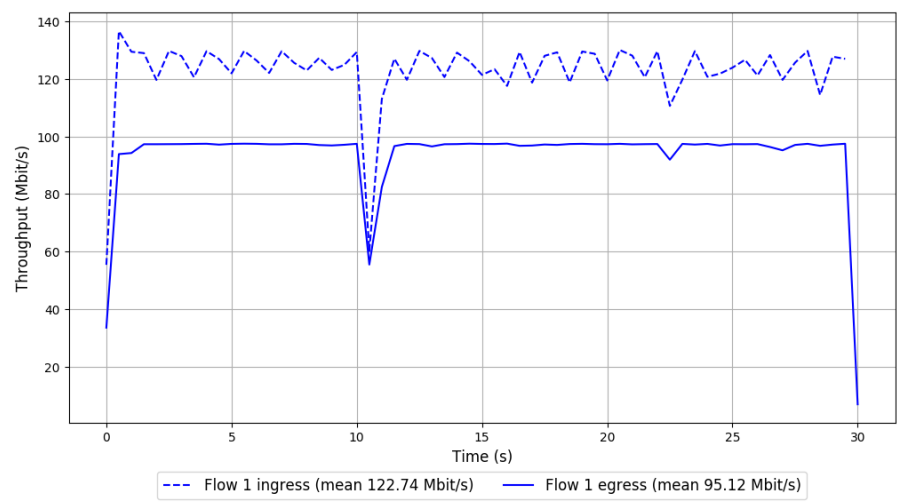
-- Flow 1:

Average throughput: 95.12 Mbit/s

95th percentile per-packet one-way delay: 66.734 ms

Loss rate: 22.46%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-12-05 13:40:35

End at: 2017-12-05 13:41:05

Local clock offset: -0.102 ms

Remote clock offset: -1.36 ms

Below is generated by plot.py at 2017-12-05 16:28:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.28 Mbit/s

95th percentile per-packet one-way delay: 65.985 ms

Loss rate: 23.37%

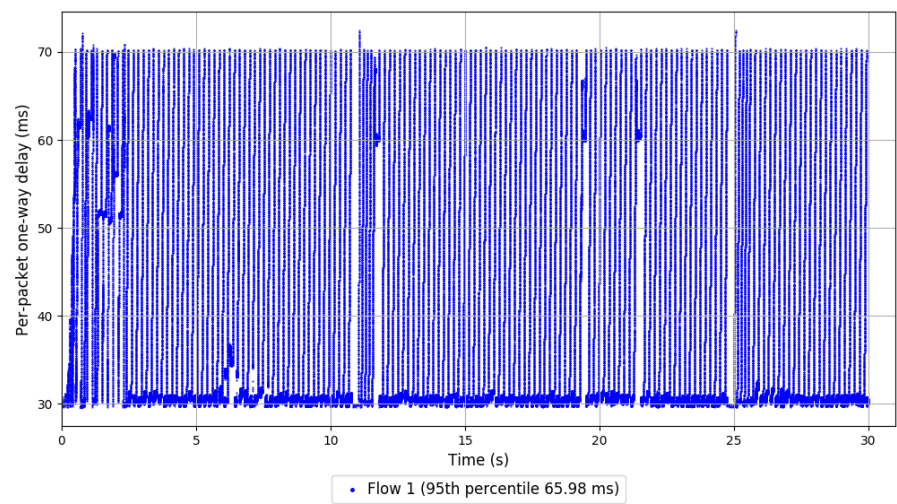
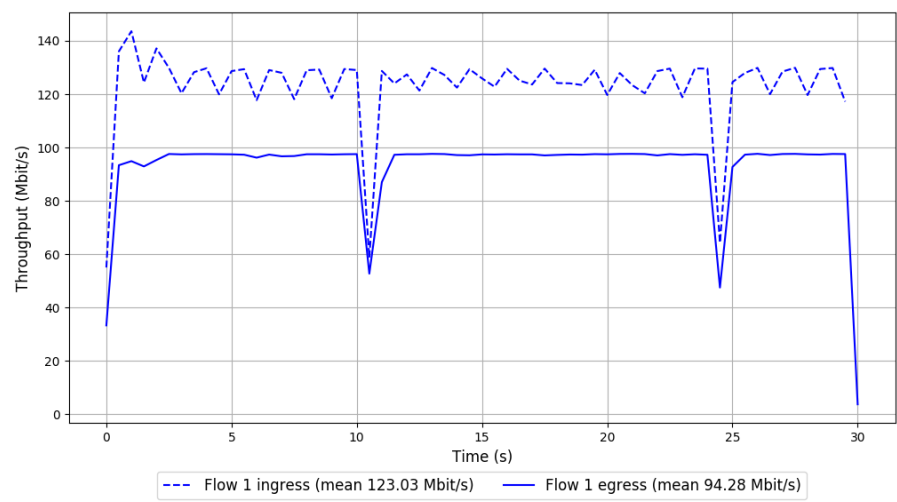
-- Flow 1:

Average throughput: 94.28 Mbit/s

95th percentile per-packet one-way delay: 65.985 ms

Loss rate: 23.37%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-12-05 13:59:23

End at: 2017-12-05 13:59:53

Local clock offset: -0.2 ms

Remote clock offset: -1.383 ms

Below is generated by plot.py at 2017-12-05 16:28:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.54 Mbit/s

95th percentile per-packet one-way delay: 66.158 ms

Loss rate: 22.46%

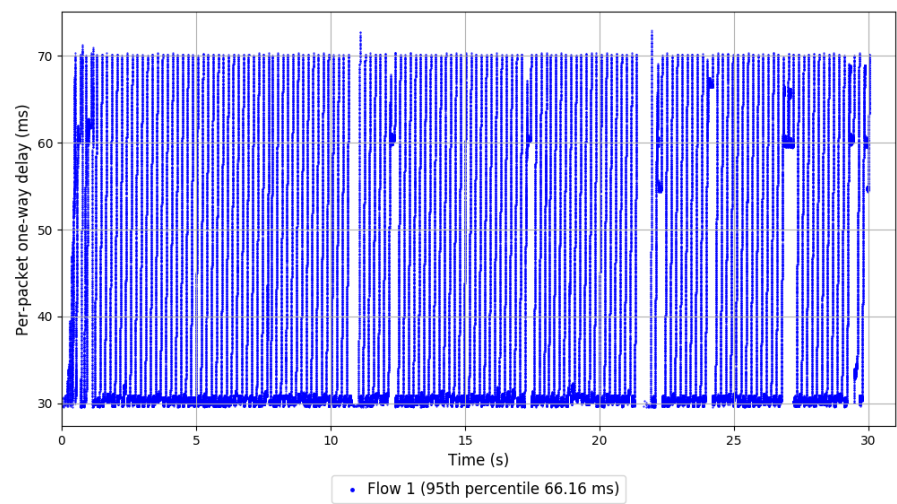
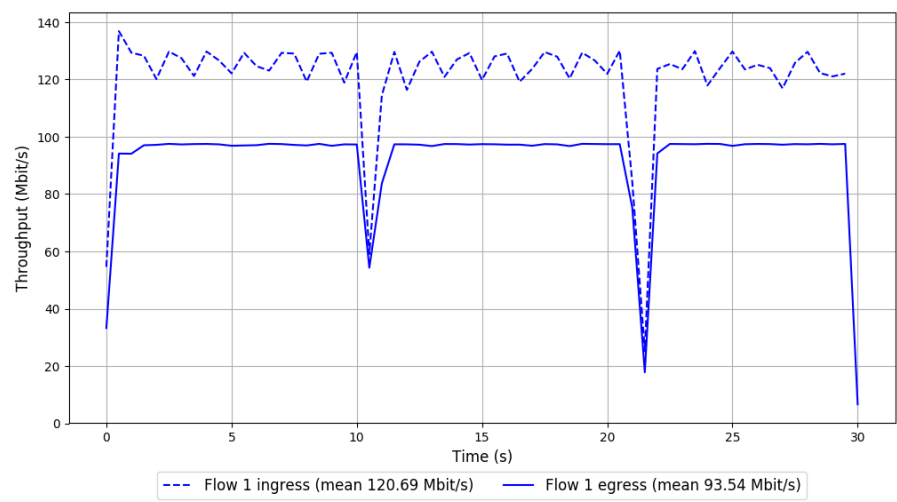
-- Flow 1:

Average throughput: 93.54 Mbit/s

95th percentile per-packet one-way delay: 66.158 ms

Loss rate: 22.46%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-12-05 14:18:34

End at: 2017-12-05 14:19:04

Local clock offset: -0.365 ms

Remote clock offset: -1.44 ms

Below is generated by plot.py at 2017-12-05 16:28:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.97 Mbit/s

95th percentile per-packet one-way delay: 65.772 ms

Loss rate: 22.76%

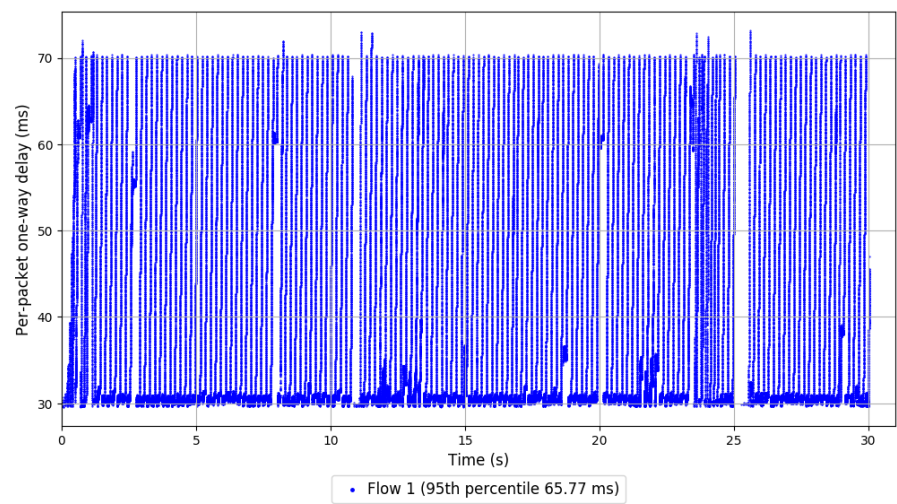
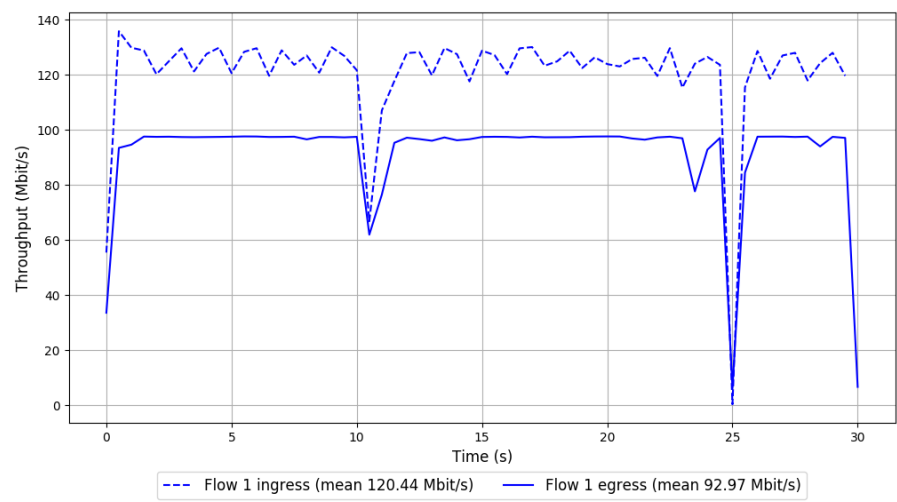
-- Flow 1:

Average throughput: 92.97 Mbit/s

95th percentile per-packet one-way delay: 65.772 ms

Loss rate: 22.76%

Run 5: Report of TCP BBR — Data Link

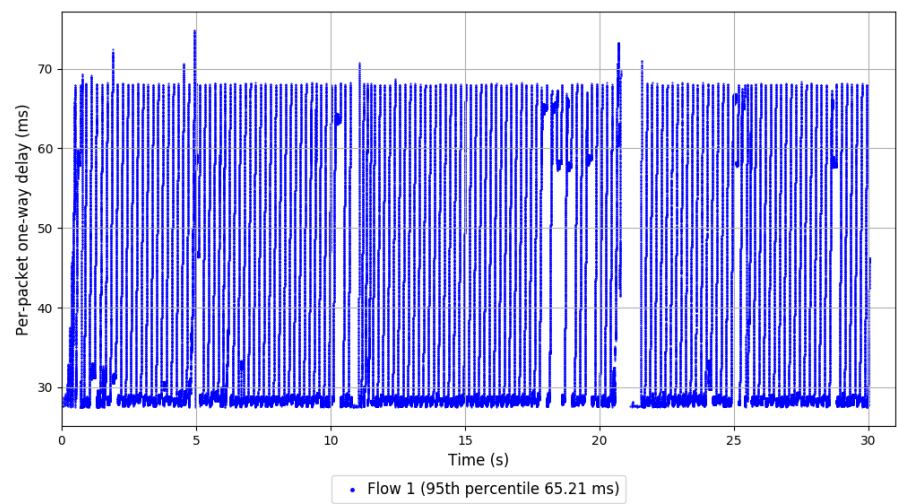
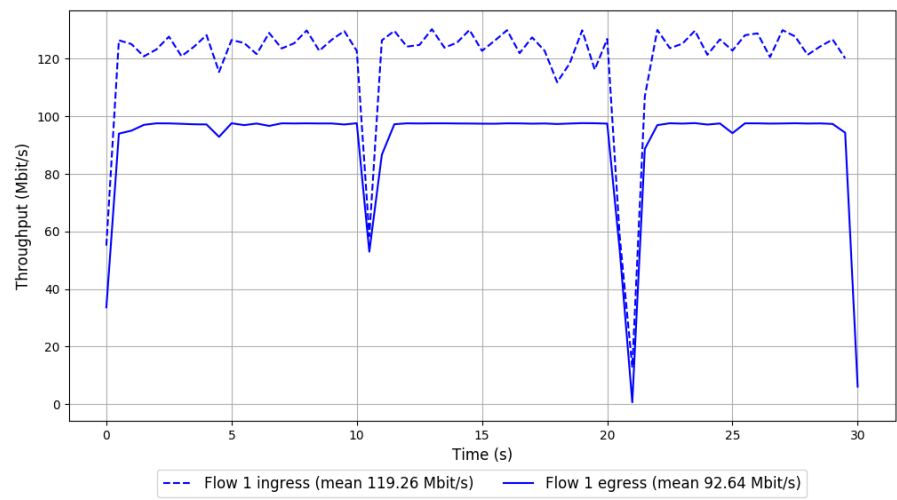


Run 6: Statistics of TCP BBR

Start at: 2017-12-05 14:37:40
End at: 2017-12-05 14:38:10
Local clock offset: -0.564 ms
Remote clock offset: -3.748 ms

Below is generated by plot.py at 2017-12-05 16:28:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.64 Mbit/s
95th percentile per-packet one-way delay: 65.211 ms
Loss rate: 22.27%
-- Flow 1:
Average throughput: 92.64 Mbit/s
95th percentile per-packet one-way delay: 65.211 ms
Loss rate: 22.27%

Run 6: Report of TCP BBR — Data Link

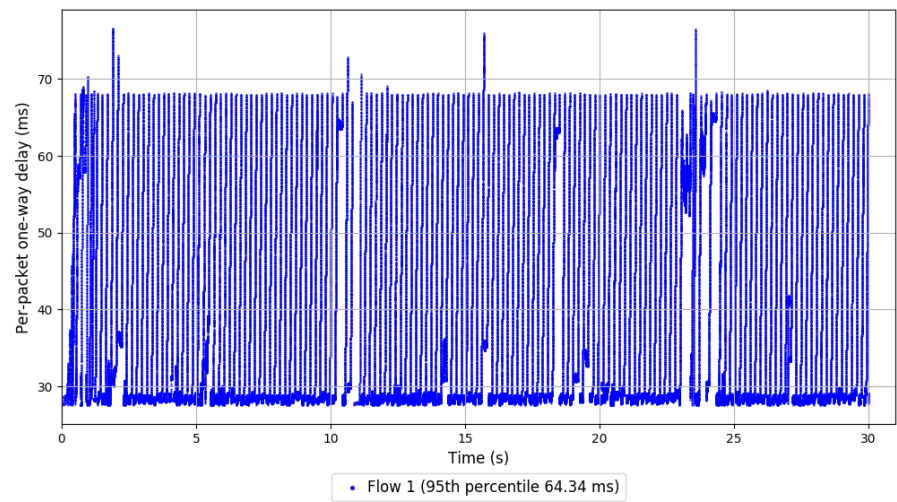
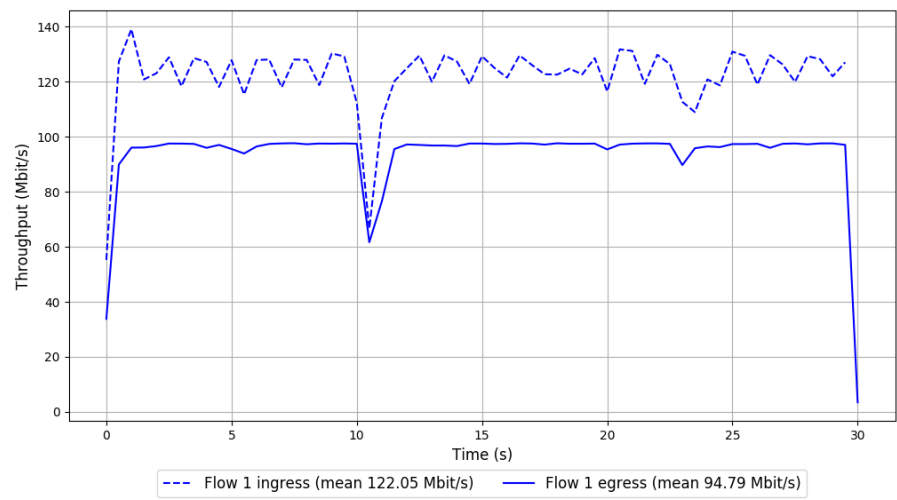


Run 7: Statistics of TCP BBR

Start at: 2017-12-05 14:57:16
End at: 2017-12-05 14:57:46
Local clock offset: -0.648 ms
Remote clock offset: -3.593 ms

Below is generated by plot.py at 2017-12-05 16:28:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.79 Mbit/s
95th percentile per-packet one-way delay: 64.345 ms
Loss rate: 22.33%
-- Flow 1:
Average throughput: 94.79 Mbit/s
95th percentile per-packet one-way delay: 64.345 ms
Loss rate: 22.33%

Run 7: Report of TCP BBR — Data Link

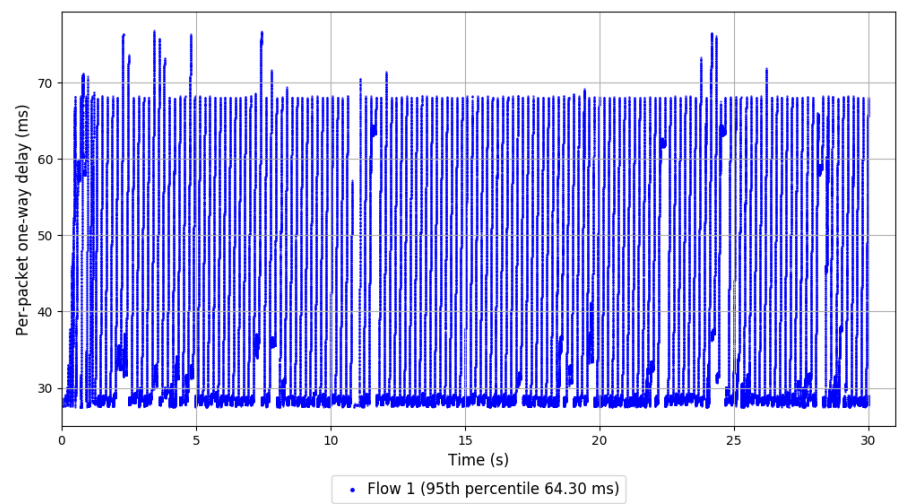
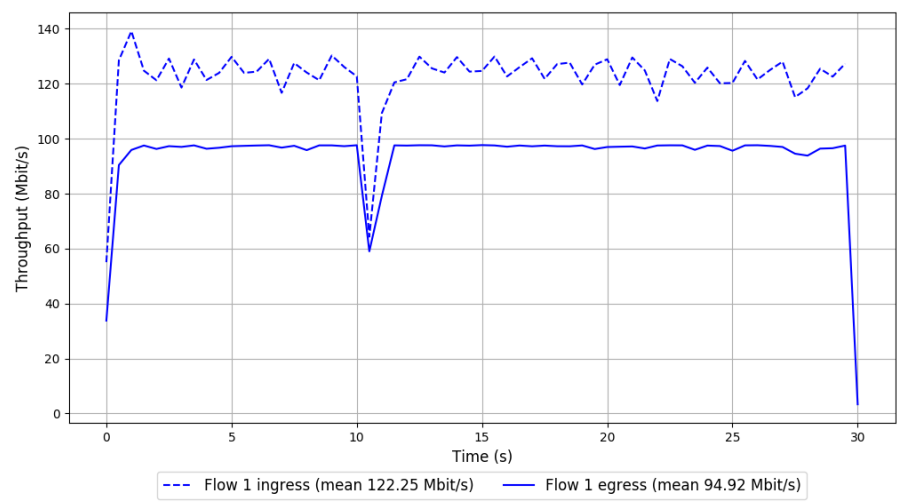


Run 8: Statistics of TCP BBR

Start at: 2017-12-05 15:16:24
End at: 2017-12-05 15:16:54
Local clock offset: -0.752 ms
Remote clock offset: -3.531 ms

Below is generated by plot.py at 2017-12-05 16:28:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.92 Mbit/s
95th percentile per-packet one-way delay: 64.303 ms
Loss rate: 22.36%
-- Flow 1:
Average throughput: 94.92 Mbit/s
95th percentile per-packet one-way delay: 64.303 ms
Loss rate: 22.36%

Run 8: Report of TCP BBR — Data Link

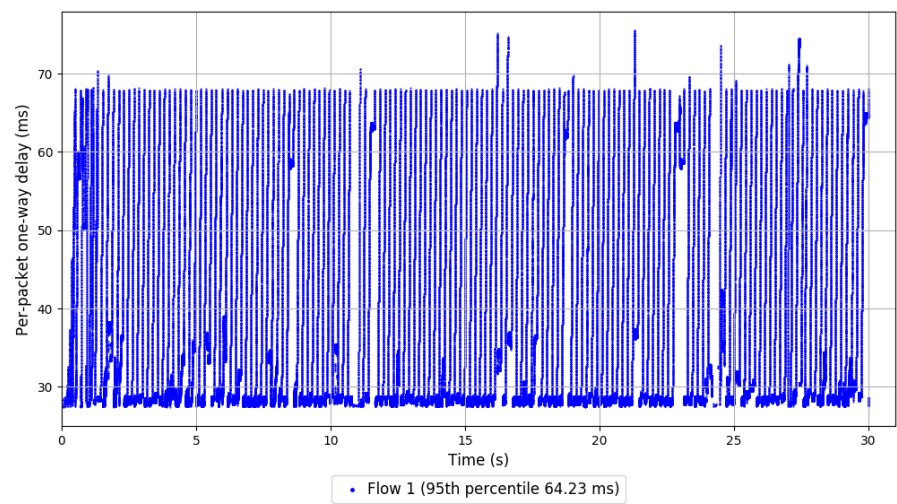
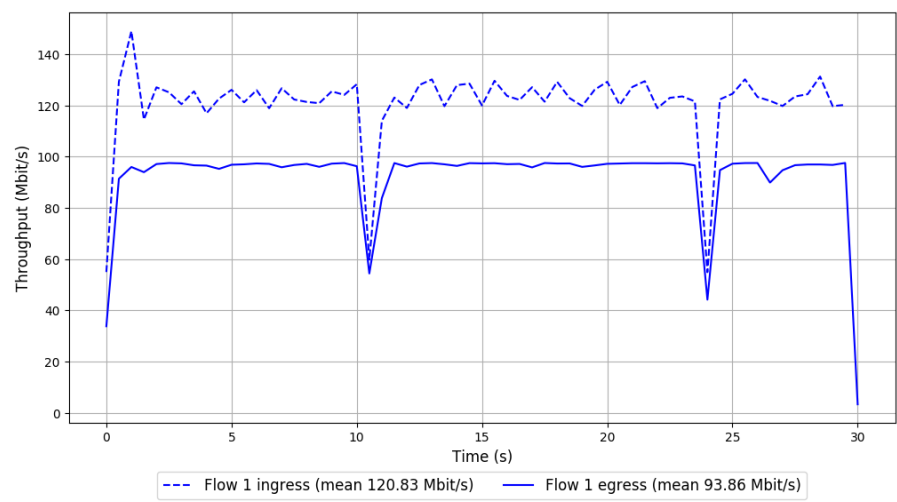


Run 9: Statistics of TCP BBR

Start at: 2017-12-05 15:35:54
End at: 2017-12-05 15:36:24
Local clock offset: -0.779 ms
Remote clock offset: -3.502 ms

Below is generated by plot.py at 2017-12-05 16:30:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.86 Mbit/s
95th percentile per-packet one-way delay: 64.230 ms
Loss rate: 22.32%
-- Flow 1:
Average throughput: 93.86 Mbit/s
95th percentile per-packet one-way delay: 64.230 ms
Loss rate: 22.32%

Run 9: Report of TCP BBR — Data Link

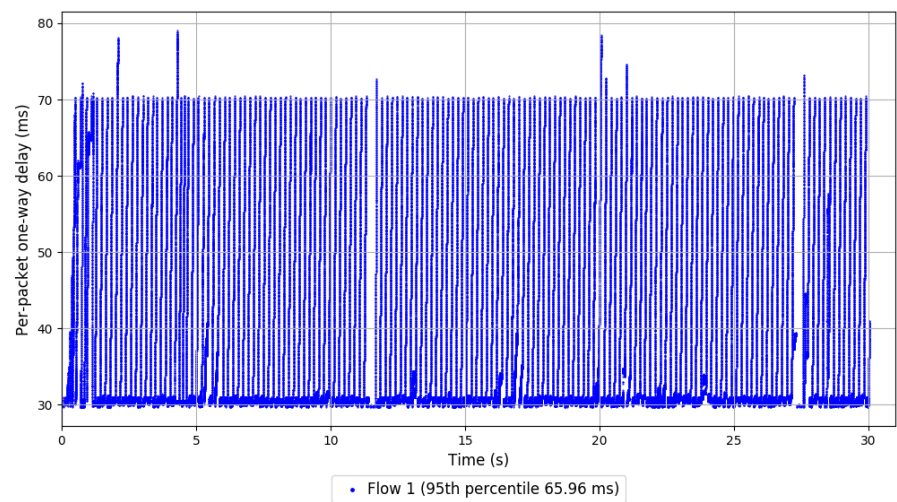
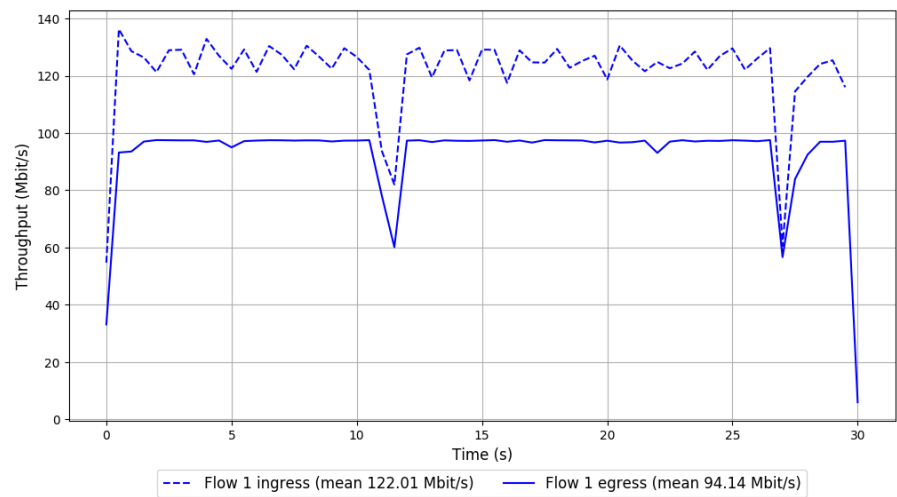


Run 10: Statistics of TCP BBR

Start at: 2017-12-05 15:55:21
End at: 2017-12-05 15:55:51
Local clock offset: -1.044 ms
Remote clock offset: -1.379 ms

Below is generated by plot.py at 2017-12-05 16:30:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 65.962 ms
Loss rate: 22.81%
-- Flow 1:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 65.962 ms
Loss rate: 22.81%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-12-05 12:55:55
End at: 2017-12-05 12:56:25
Local clock offset: 0.343 ms
Remote clock offset: -1.091 ms

Below is generated by plot.py at 2017-12-05 16:30:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.56 Mbit/s

95th percentile per-packet one-way delay: 68.416 ms

Loss rate: 0.10%

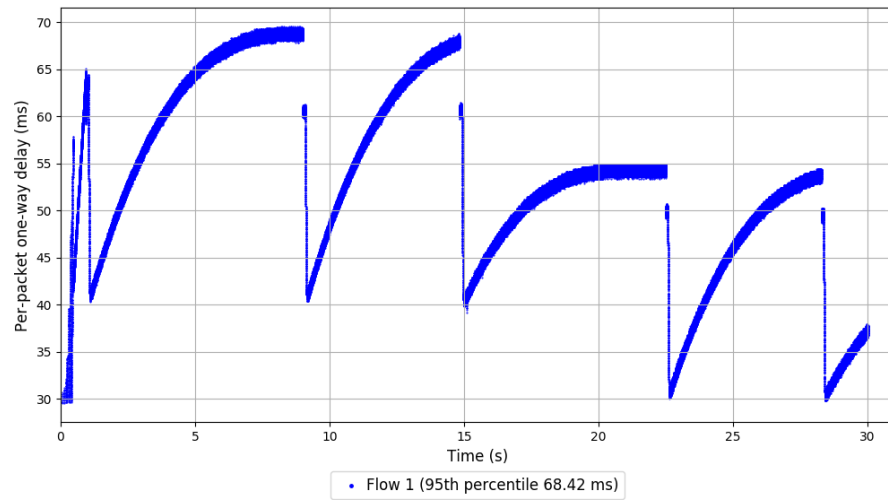
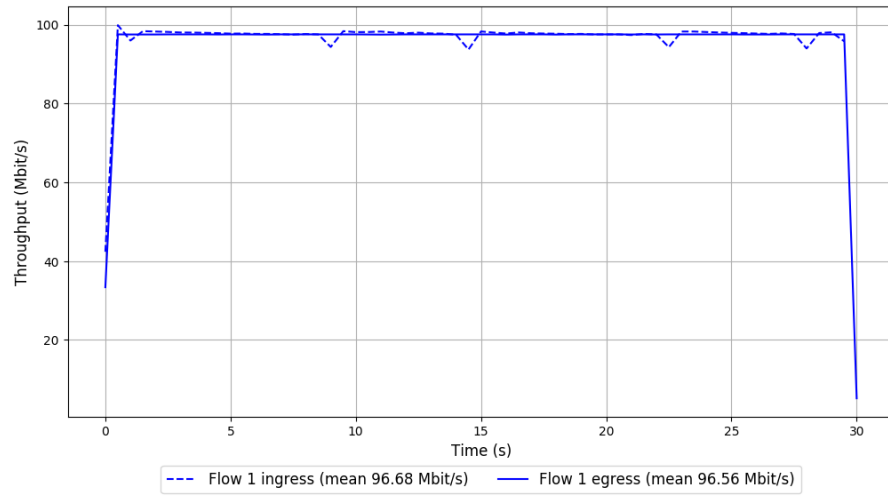
-- Flow 1:

Average throughput: 96.56 Mbit/s

95th percentile per-packet one-way delay: 68.416 ms

Loss rate: 0.10%

Run 1: Report of TCP Cubic — Data Link

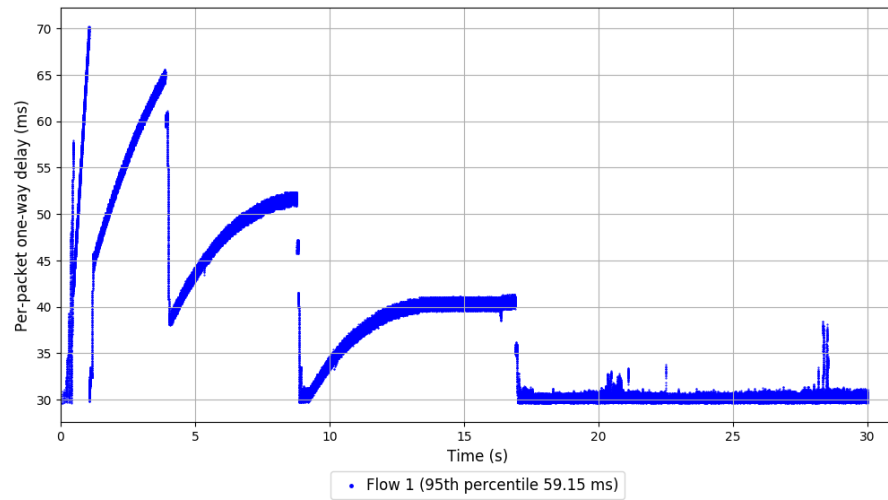
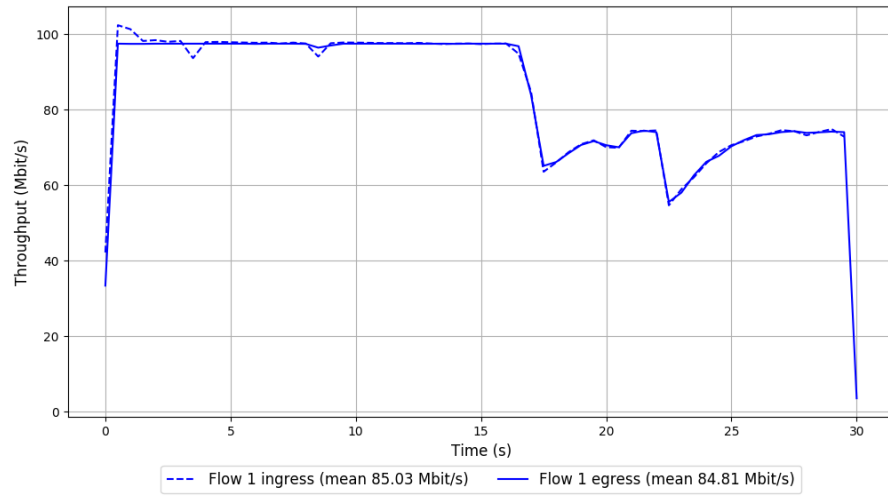


Run 2: Statistics of TCP Cubic

Start at: 2017-12-05 13:14:46
End at: 2017-12-05 13:15:16
Local clock offset: 0.14 ms
Remote clock offset: -1.264 ms

Below is generated by plot.py at 2017-12-05 16:30:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.81 Mbit/s
95th percentile per-packet one-way delay: 59.153 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 84.81 Mbit/s
95th percentile per-packet one-way delay: 59.153 ms
Loss rate: 0.26%

Run 2: Report of TCP Cubic — Data Link

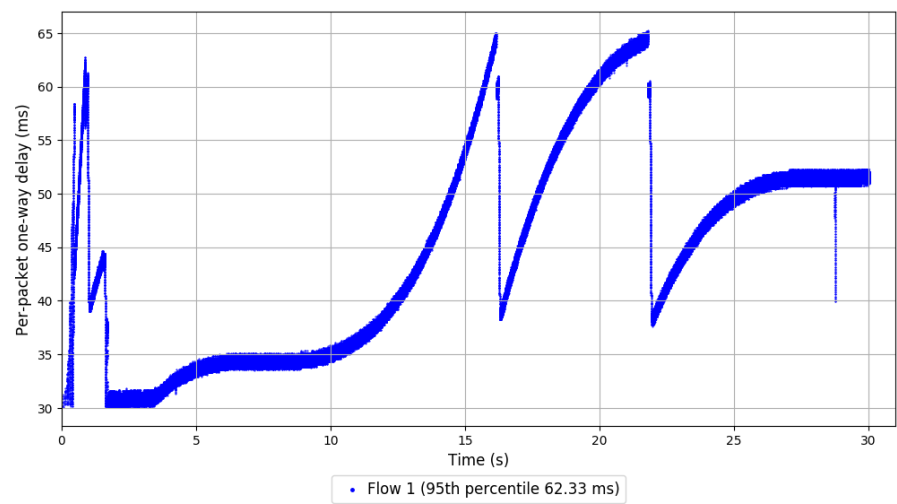
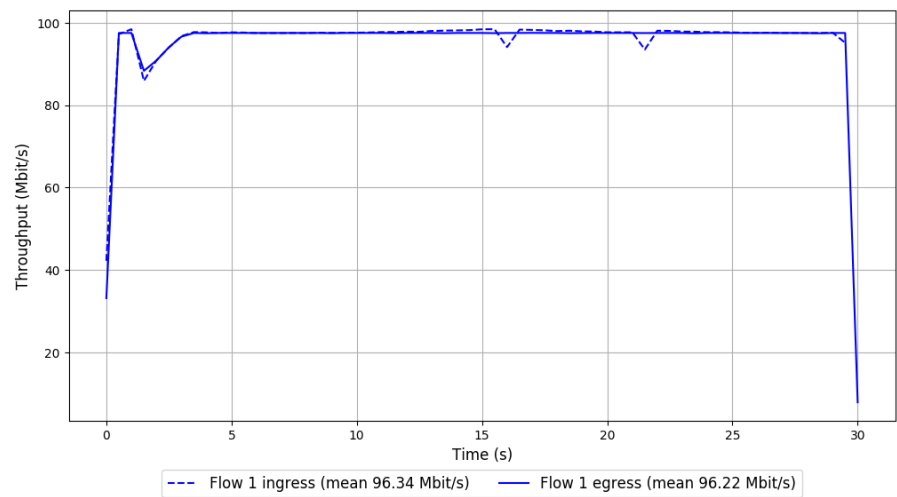


Run 3: Statistics of TCP Cubic

Start at: 2017-12-05 13:33:59
End at: 2017-12-05 13:34:29
Local clock offset: -0.025 ms
Remote clock offset: -0.873 ms

Below is generated by plot.py at 2017-12-05 16:30:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 62.326 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 62.326 ms
Loss rate: 0.06%

Run 3: Report of TCP Cubic — Data Link

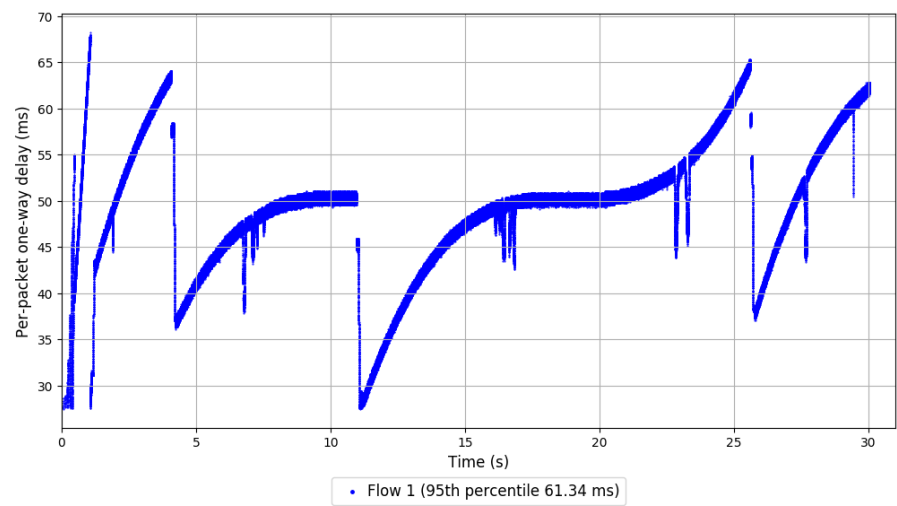
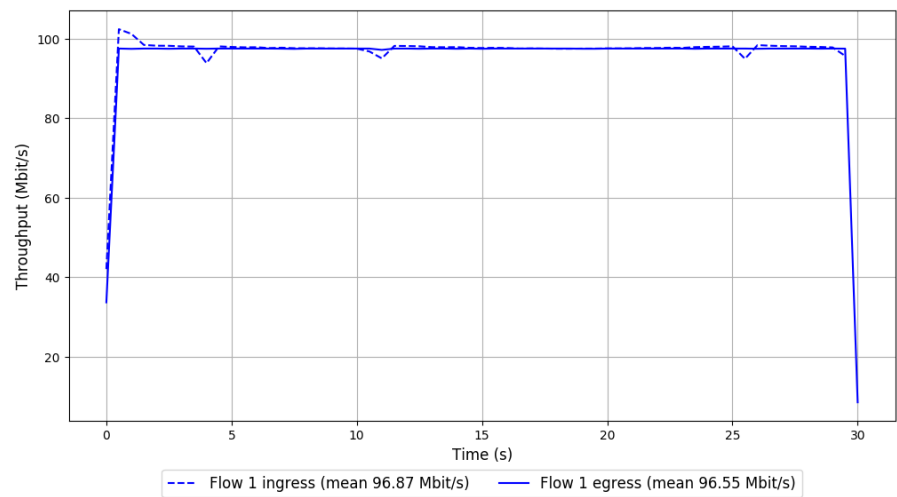


Run 4: Statistics of TCP Cubic

Start at: 2017-12-05 13:52:45
End at: 2017-12-05 13:53:15
Local clock offset: -0.215 ms
Remote clock offset: -3.485 ms

Below is generated by plot.py at 2017-12-05 16:30:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 61.340 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 61.340 ms
Loss rate: 0.24%

Run 4: Report of TCP Cubic — Data Link

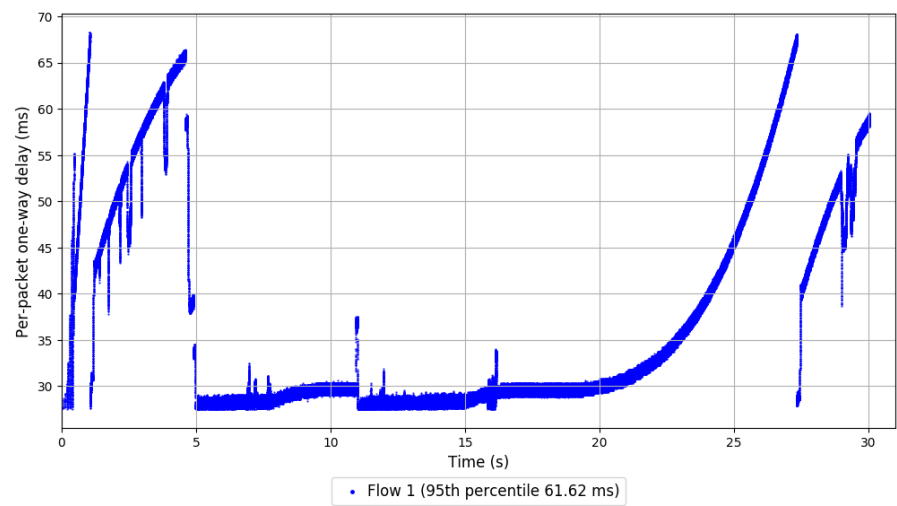
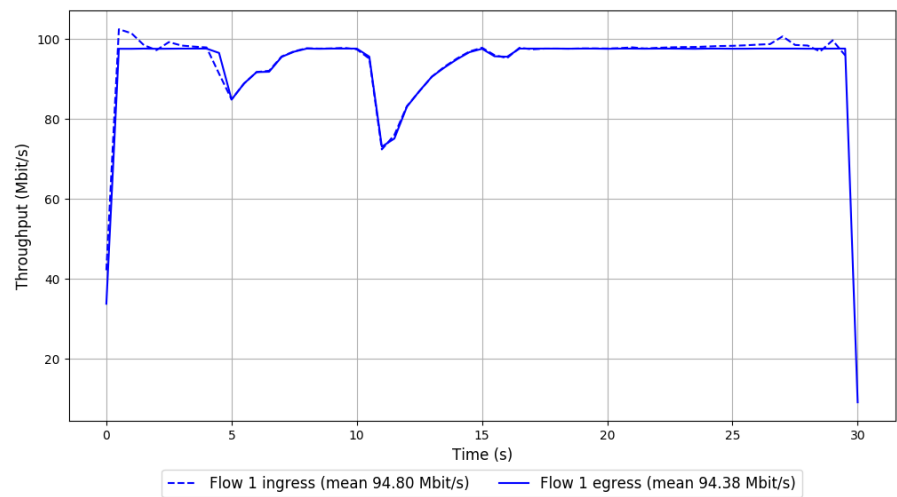


Run 5: Statistics of TCP Cubic

Start at: 2017-12-05 14:11:44
End at: 2017-12-05 14:12:14
Local clock offset: -0.417 ms
Remote clock offset: -3.558 ms

Below is generated by plot.py at 2017-12-05 16:30:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.38 Mbit/s
95th percentile per-packet one-way delay: 61.624 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 94.38 Mbit/s
95th percentile per-packet one-way delay: 61.624 ms
Loss rate: 0.34%

Run 5: Report of TCP Cubic — Data Link

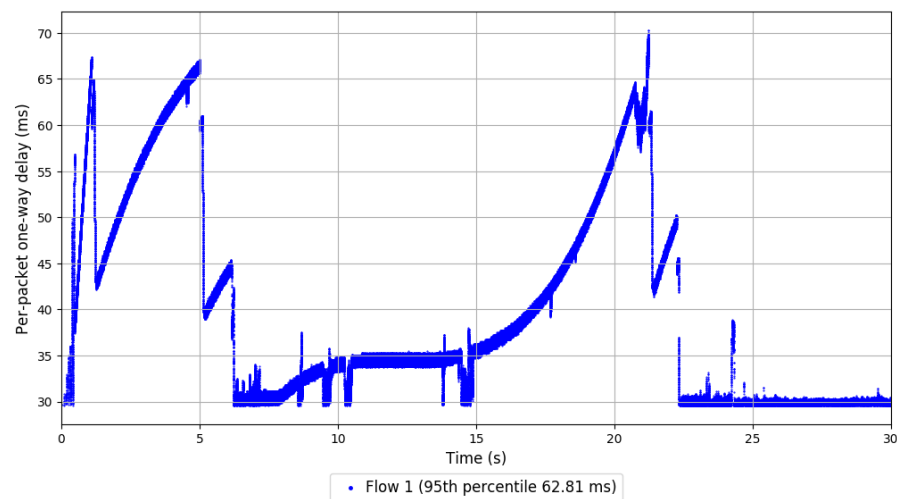
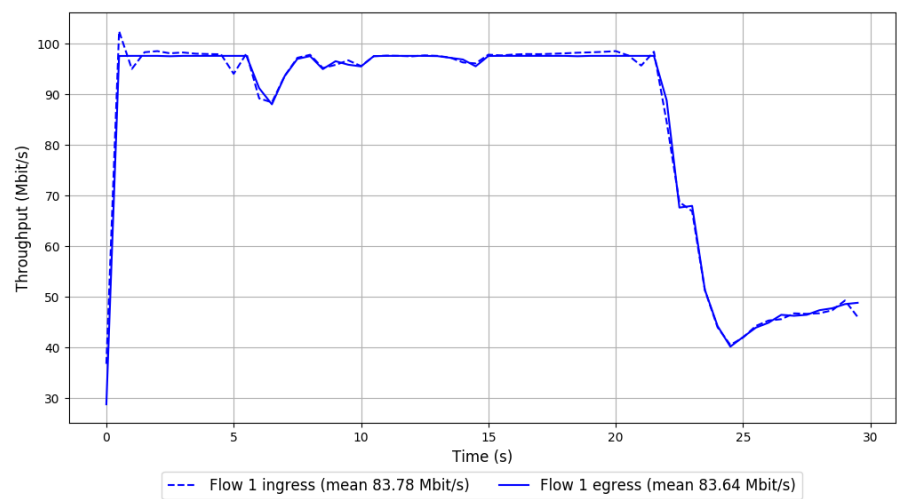


Run 6: Statistics of TCP Cubic

Start at: 2017-12-05 14:30:56
End at: 2017-12-05 14:31:26
Local clock offset: -0.435 ms
Remote clock offset: -1.569 ms

Below is generated by plot.py at 2017-12-05 16:30:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.64 Mbit/s
95th percentile per-packet one-way delay: 62.807 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 83.64 Mbit/s
95th percentile per-packet one-way delay: 62.807 ms
Loss rate: 0.16%

Run 6: Report of TCP Cubic — Data Link

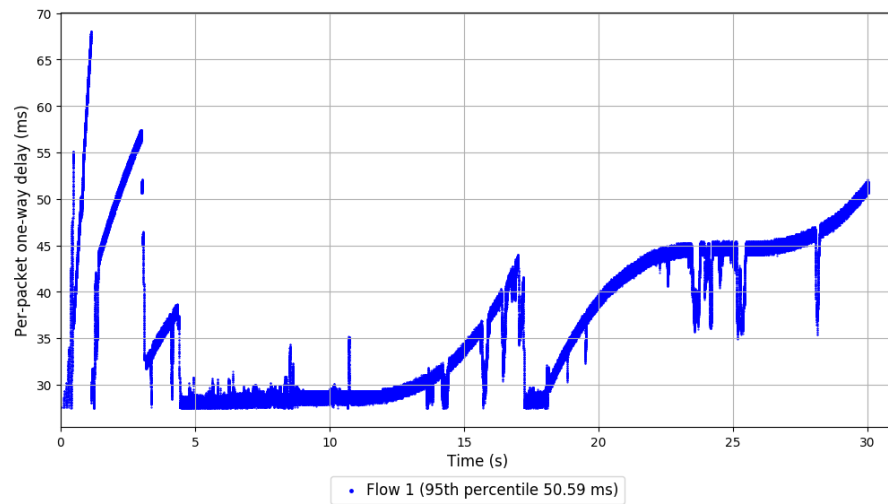
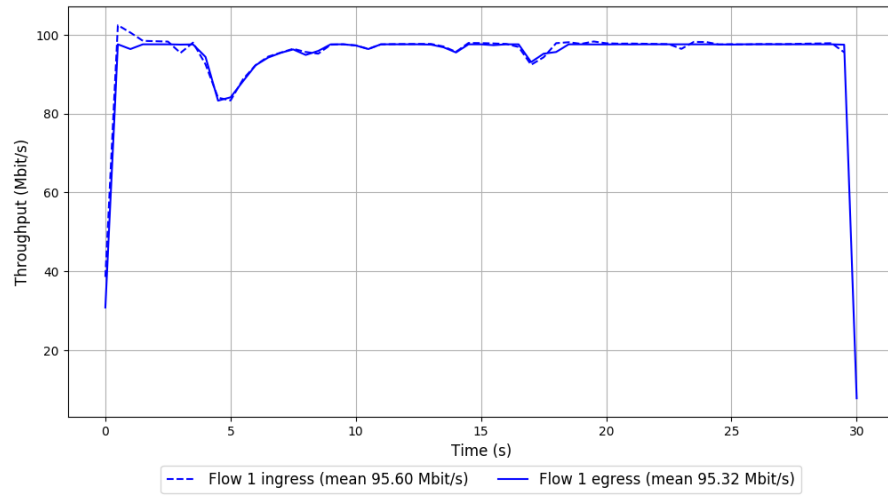


Run 7: Statistics of TCP Cubic

Start at: 2017-12-05 14:50:27
End at: 2017-12-05 14:50:57
Local clock offset: -0.585 ms
Remote clock offset: -3.637 ms

Below is generated by plot.py at 2017-12-05 16:31:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.32 Mbit/s
95th percentile per-packet one-way delay: 50.592 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.32 Mbit/s
95th percentile per-packet one-way delay: 50.592 ms
Loss rate: 0.21%

Run 7: Report of TCP Cubic — Data Link

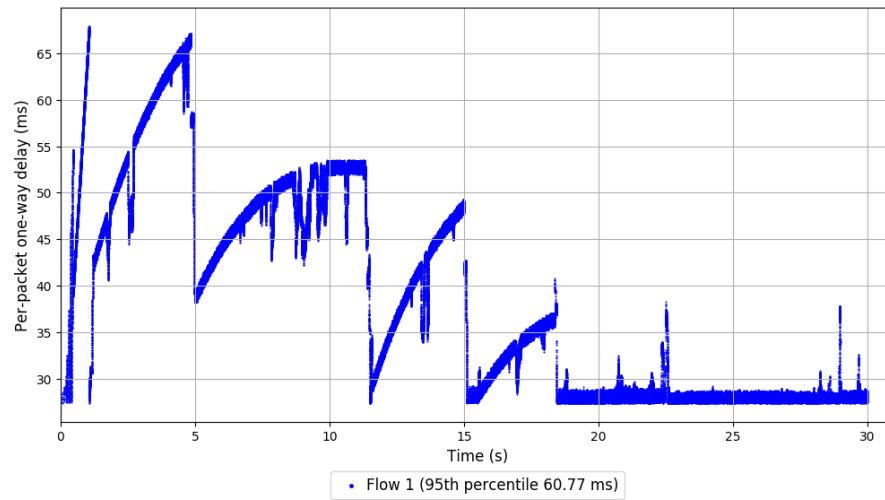
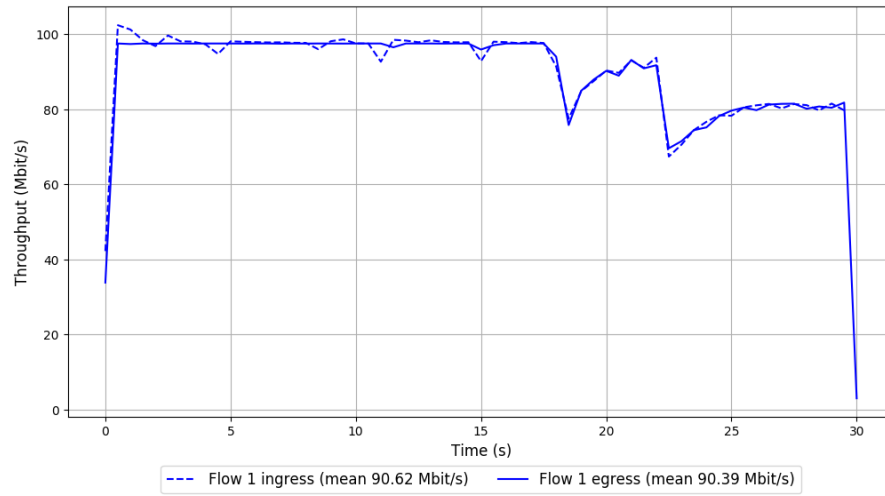


Run 8: Statistics of TCP Cubic

Start at: 2017-12-05 15:09:44
End at: 2017-12-05 15:10:14
Local clock offset: -0.612 ms
Remote clock offset: -3.548 ms

Below is generated by plot.py at 2017-12-05 16:31:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.39 Mbit/s
95th percentile per-packet one-way delay: 60.766 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 90.39 Mbit/s
95th percentile per-packet one-way delay: 60.766 ms
Loss rate: 0.26%

Run 8: Report of TCP Cubic — Data Link

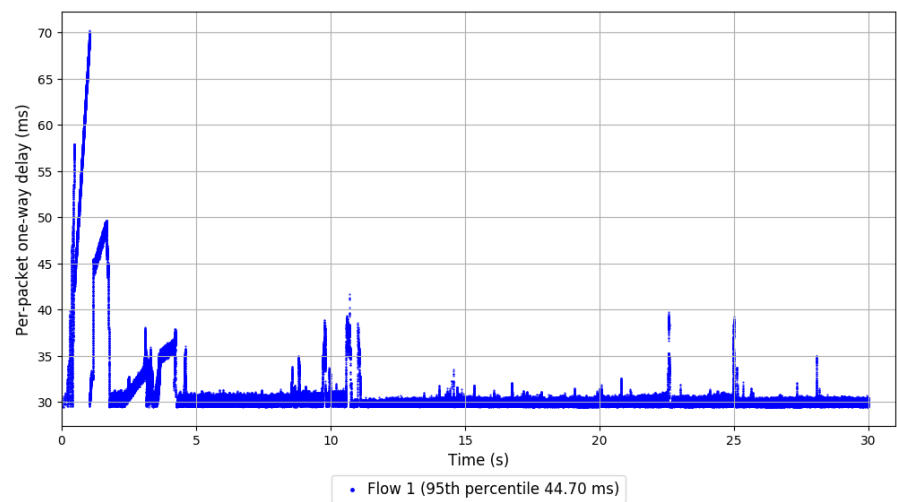
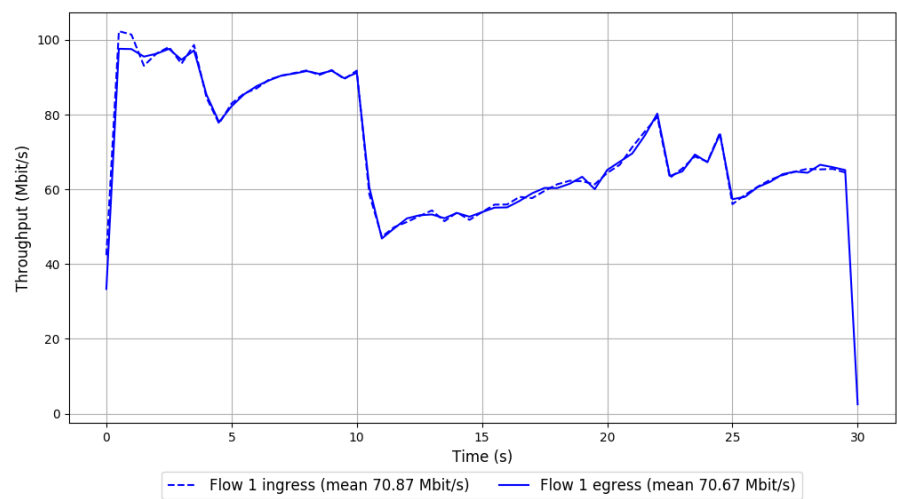


Run 9: Statistics of TCP Cubic

Start at: 2017-12-05 15:29:09
End at: 2017-12-05 15:29:39
Local clock offset: -0.727 ms
Remote clock offset: -1.392 ms

Below is generated by plot.py at 2017-12-05 16:31:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.67 Mbit/s
95th percentile per-packet one-way delay: 44.703 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 70.67 Mbit/s
95th percentile per-packet one-way delay: 44.703 ms
Loss rate: 0.29%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-12-05 15:48:34

End at: 2017-12-05 15:49:04

Local clock offset: -0.975 ms

Remote clock offset: -1.48 ms

Below is generated by plot.py at 2017-12-05 16:31:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.67 Mbit/s

95th percentile per-packet one-way delay: 57.278 ms

Loss rate: 0.08%

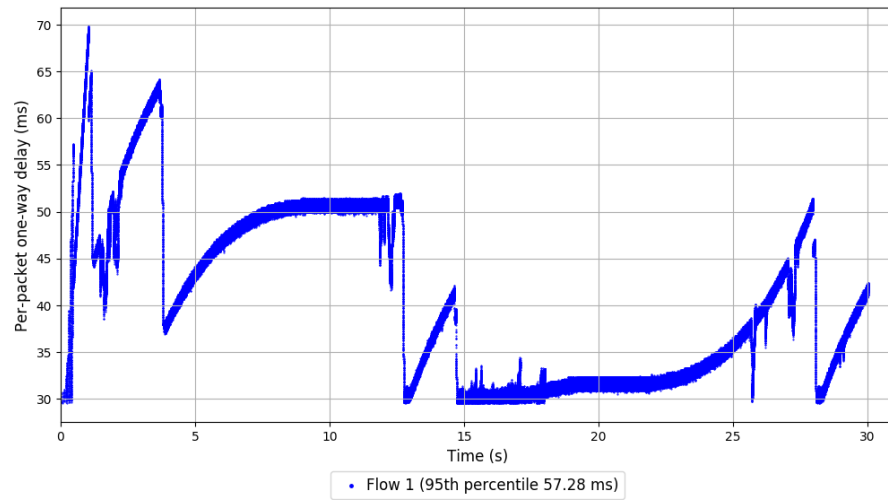
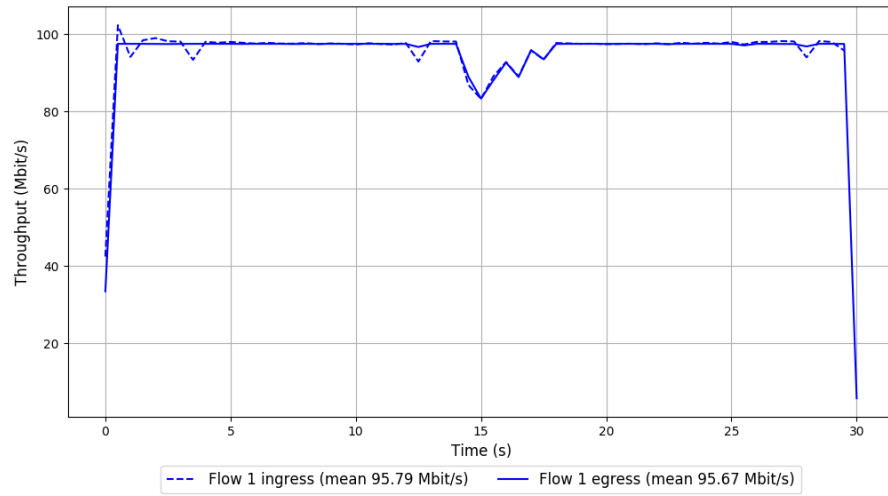
-- Flow 1:

Average throughput: 95.67 Mbit/s

95th percentile per-packet one-way delay: 57.278 ms

Loss rate: 0.08%

Run 10: Report of TCP Cubic — Data Link

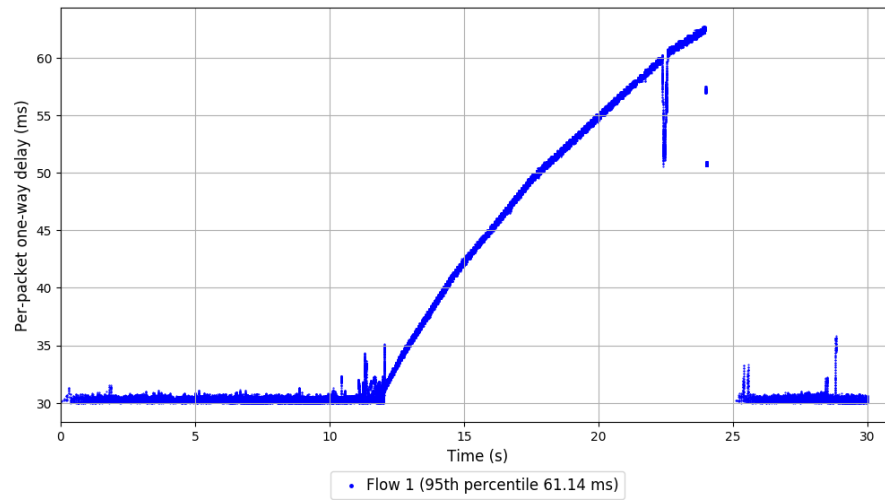
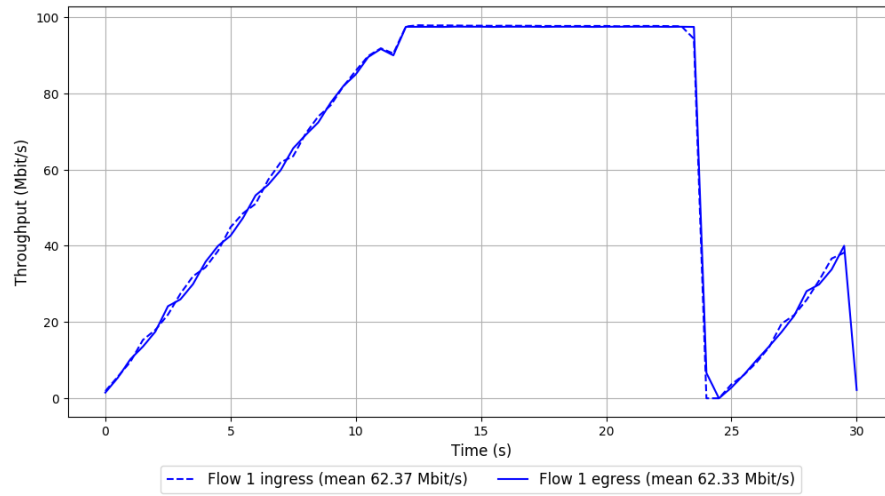


```
Run 1: Statistics of LEDBAT

Start at: 2017-12-05 13:09:23
End at: 2017-12-05 13:09:53
Local clock offset: 0.28 ms
Remote clock offset: -0.847 ms

# Below is generated by plot.py at 2017-12-05 16:31:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.33 Mbit/s
95th percentile per-packet one-way delay: 61.143 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 62.33 Mbit/s
95th percentile per-packet one-way delay: 61.143 ms
Loss rate: 0.06%
```

Run 1: Report of LEDBAT — Data Link

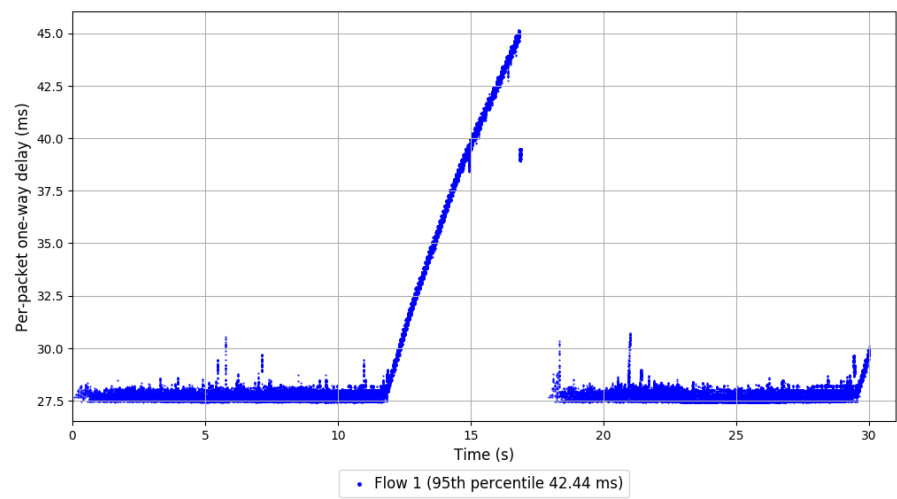
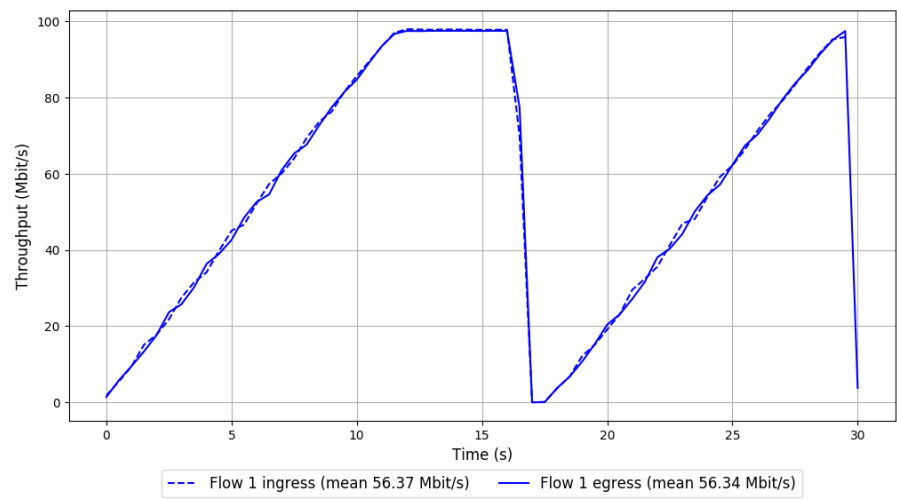


Run 2: Statistics of LEDBAT

Start at: 2017-12-05 13:28:39
End at: 2017-12-05 13:29:09
Local clock offset: 0.142 ms
Remote clock offset: -3.409 ms

Below is generated by plot.py at 2017-12-05 16:31:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.34 Mbit/s
95th percentile per-packet one-way delay: 42.436 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 56.34 Mbit/s
95th percentile per-packet one-way delay: 42.436 ms
Loss rate: 0.04%

Run 2: Report of LEDBAT — Data Link

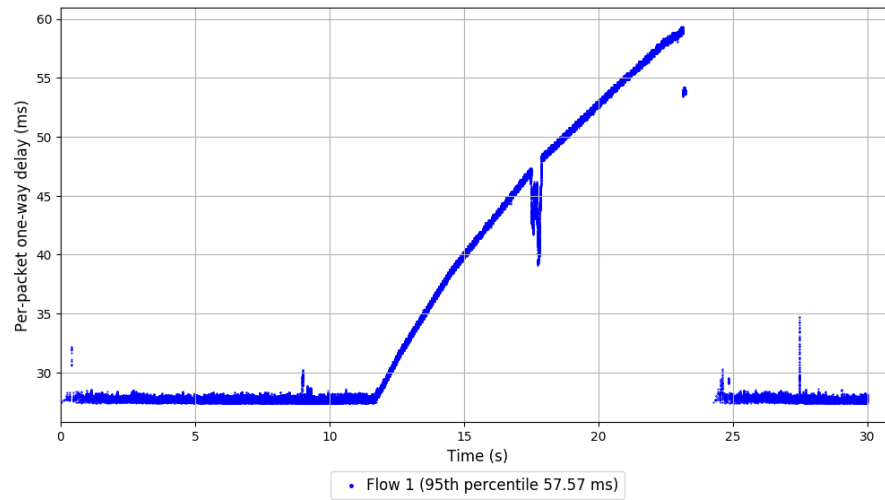
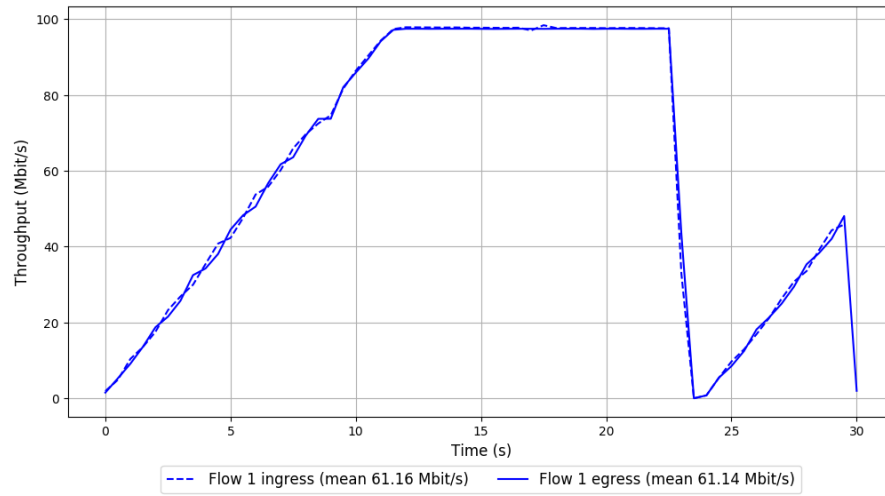


Run 3: Statistics of LEDBAT

Start at: 2017-12-05 13:47:24
End at: 2017-12-05 13:47:54
Local clock offset: -0.071 ms
Remote clock offset: -3.505 ms

Below is generated by plot.py at 2017-12-05 16:31:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.14 Mbit/s
95th percentile per-packet one-way delay: 57.572 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 61.14 Mbit/s
95th percentile per-packet one-way delay: 57.572 ms
Loss rate: 0.03%

Run 3: Report of LEDBAT — Data Link

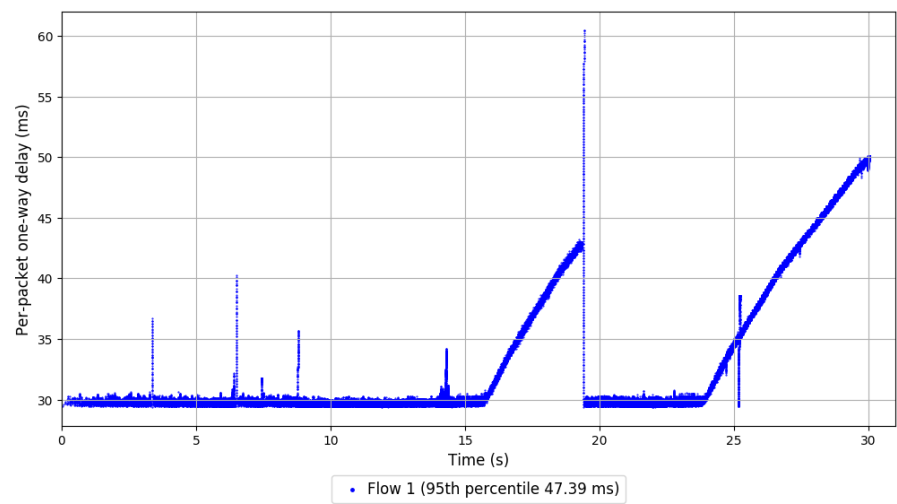
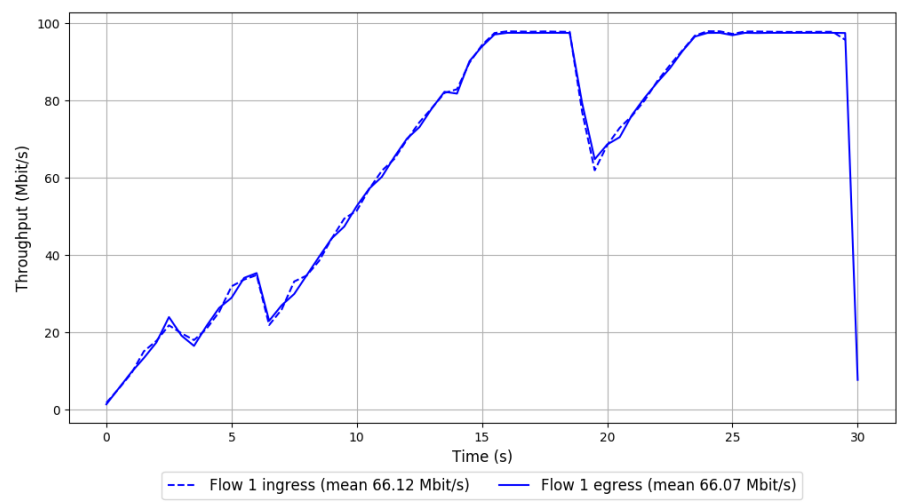


Run 4: Statistics of LEDBAT

Start at: 2017-12-05 14:06:19
End at: 2017-12-05 14:06:49
Local clock offset: -0.268 ms
Remote clock offset: -1.512 ms

Below is generated by plot.py at 2017-12-05 16:31:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.07 Mbit/s
95th percentile per-packet one-way delay: 47.394 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.07 Mbit/s
95th percentile per-packet one-way delay: 47.394 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

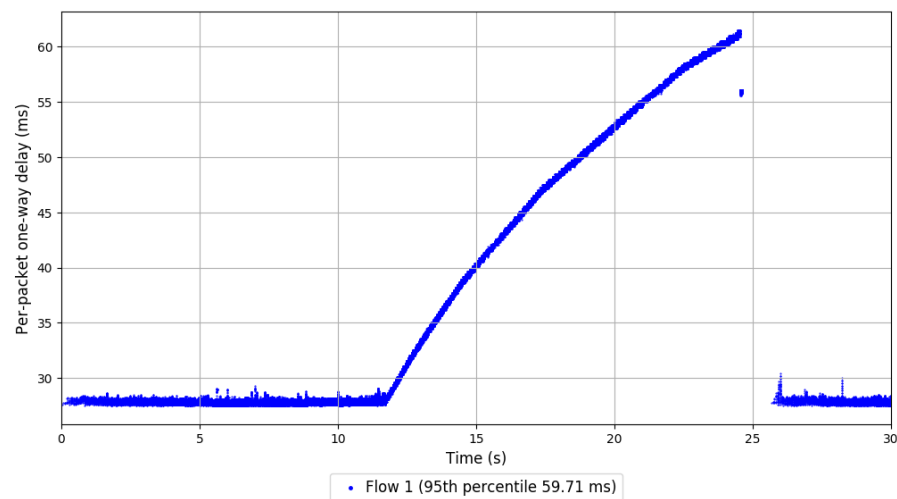
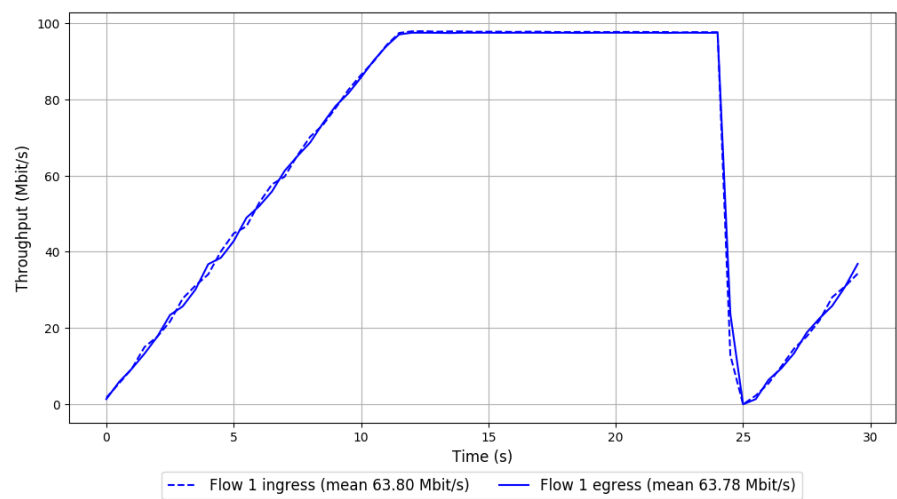


Run 5: Statistics of LEDBAT

Start at: 2017-12-05 14:25:34
End at: 2017-12-05 14:26:04
Local clock offset: -0.486 ms
Remote clock offset: -3.688 ms

Below is generated by plot.py at 2017-12-05 16:32:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.78 Mbit/s
95th percentile per-packet one-way delay: 59.711 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 63.78 Mbit/s
95th percentile per-packet one-way delay: 59.711 ms
Loss rate: 0.03%

Run 5: Report of LEDBAT — Data Link

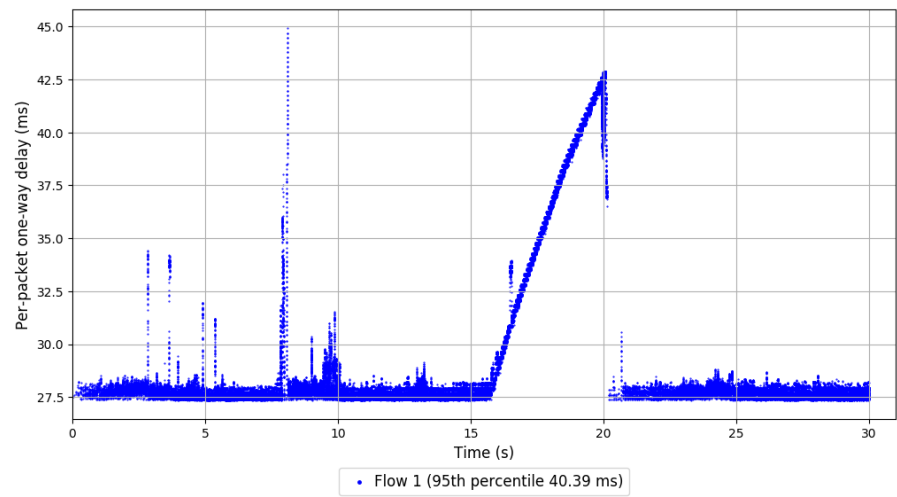
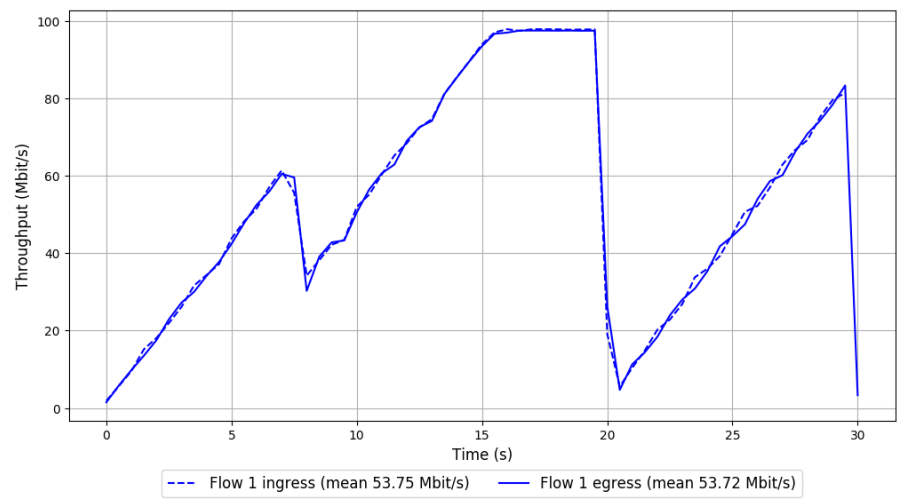


Run 6: Statistics of LEDBAT

Start at: 2017-12-05 14:44:59
End at: 2017-12-05 14:45:29
Local clock offset: -0.496 ms
Remote clock offset: -3.731 ms

Below is generated by plot.py at 2017-12-05 16:32:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 40.391 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 40.391 ms
Loss rate: 0.05%

Run 6: Report of LEDBAT — Data Link

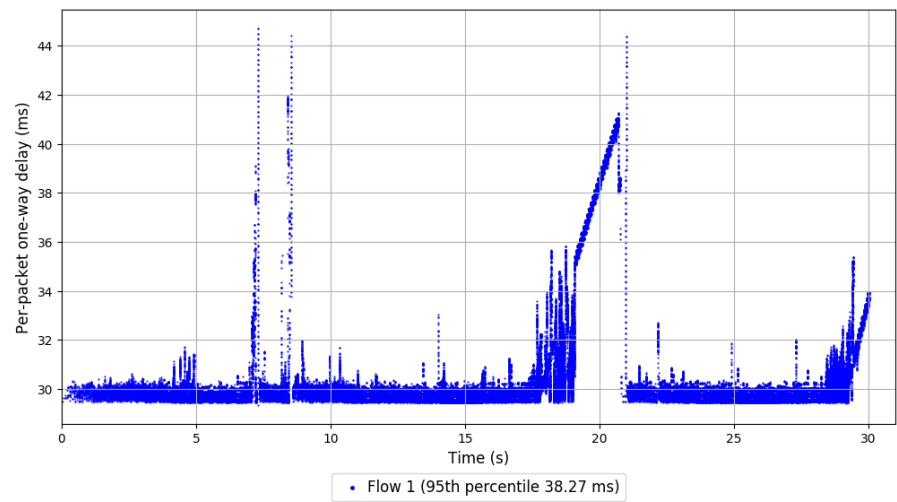
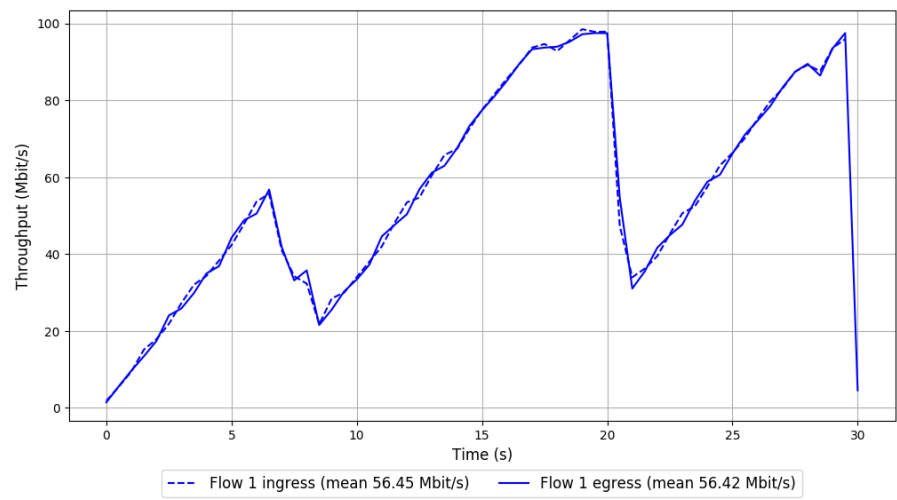


Run 7: Statistics of LEDBAT

Start at: 2017-12-05 15:04:23
End at: 2017-12-05 15:04:53
Local clock offset: -0.574 ms
Remote clock offset: -1.525 ms

Below is generated by plot.py at 2017-12-05 16:32:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.42 Mbit/s
95th percentile per-packet one-way delay: 38.266 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 56.42 Mbit/s
95th percentile per-packet one-way delay: 38.266 ms
Loss rate: 0.03%

Run 7: Report of LEDBAT — Data Link

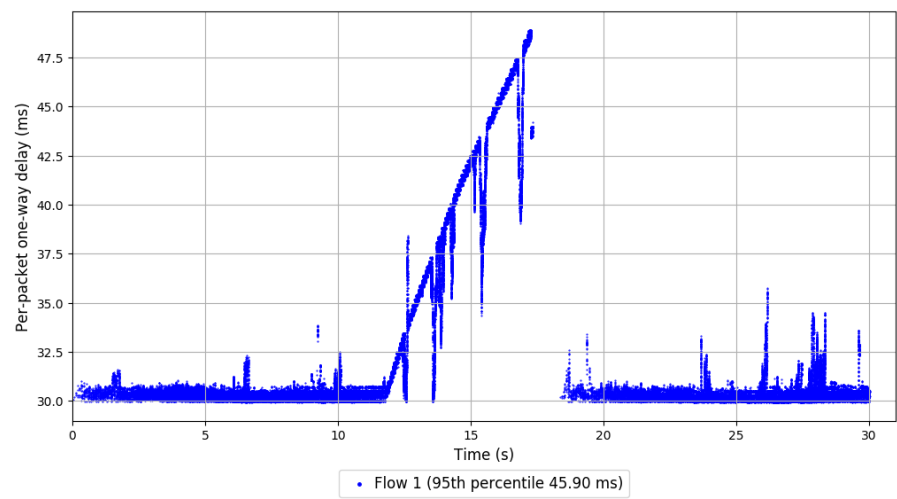
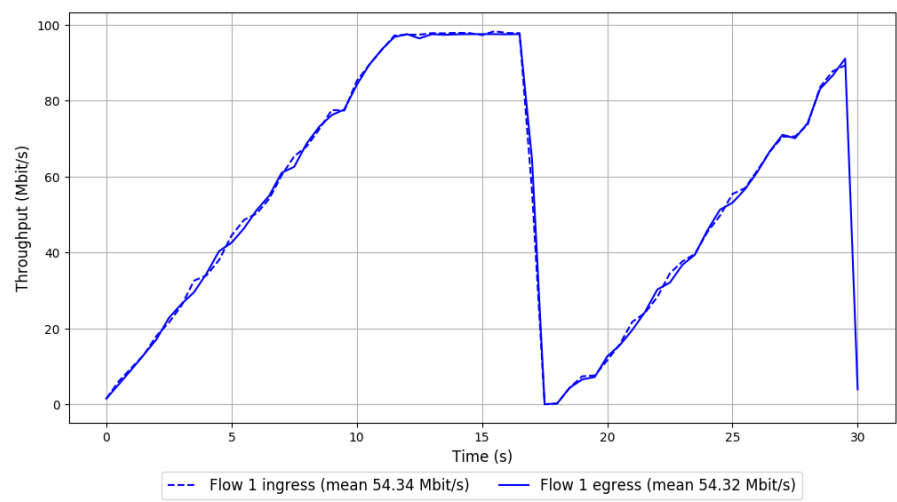


Run 8: Statistics of LEDBAT

Start at: 2017-12-05 15:23:28
End at: 2017-12-05 15:23:58
Local clock offset: -0.793 ms
Remote clock offset: -1.054 ms

Below is generated by plot.py at 2017-12-05 16:32:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.32 Mbit/s
95th percentile per-packet one-way delay: 45.896 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 54.32 Mbit/s
95th percentile per-packet one-way delay: 45.896 ms
Loss rate: 0.04%

Run 8: Report of LEDBAT — Data Link

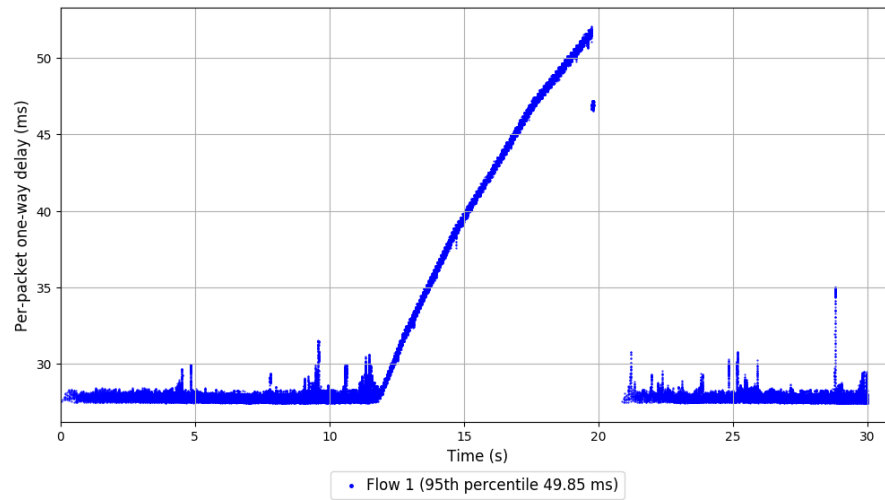
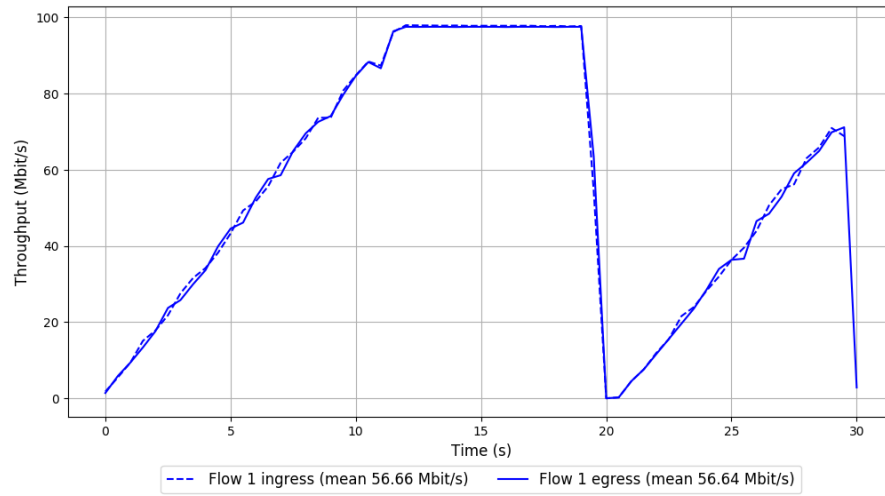


Run 9: Statistics of LEDBAT

Start at: 2017-12-05 15:43:03
End at: 2017-12-05 15:43:33
Local clock offset: -0.938 ms
Remote clock offset: -3.582 ms

Below is generated by plot.py at 2017-12-05 16:32:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.64 Mbit/s
95th percentile per-packet one-way delay: 49.851 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 56.64 Mbit/s
95th percentile per-packet one-way delay: 49.851 ms
Loss rate: 0.03%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-12-05 16:02:34

End at: 2017-12-05 16:03:04

Local clock offset: -1.085 ms

Remote clock offset: -1.443 ms

Below is generated by plot.py at 2017-12-05 16:32:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.88 Mbit/s

95th percentile per-packet one-way delay: 31.090 ms

Loss rate: 0.03%

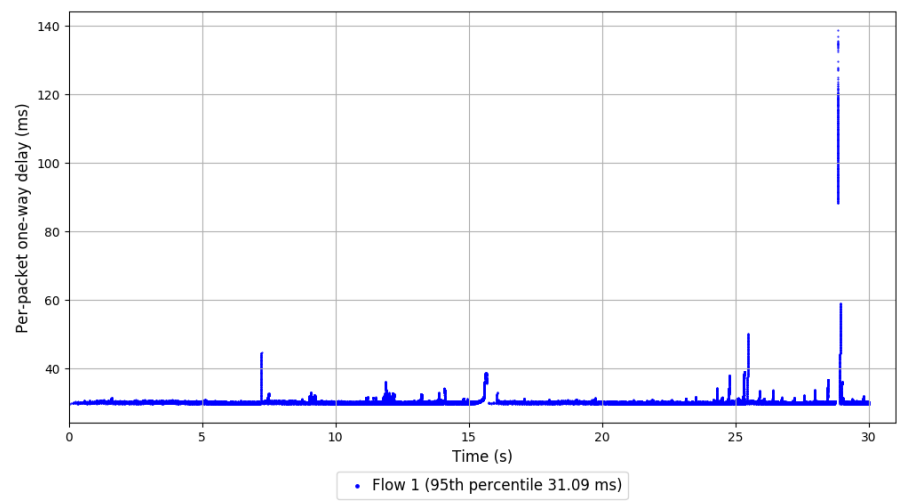
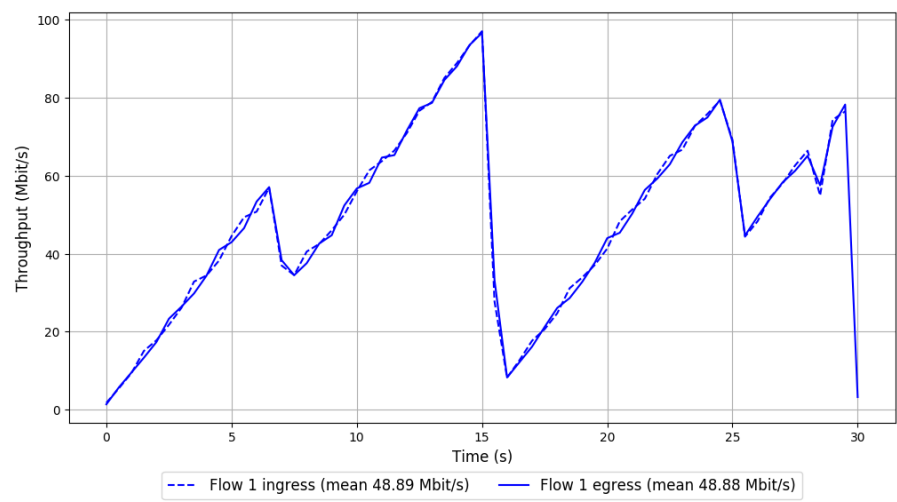
-- Flow 1:

Average throughput: 48.88 Mbit/s

95th percentile per-packet one-way delay: 31.090 ms

Loss rate: 0.03%

Run 10: Report of LEDBAT — Data Link

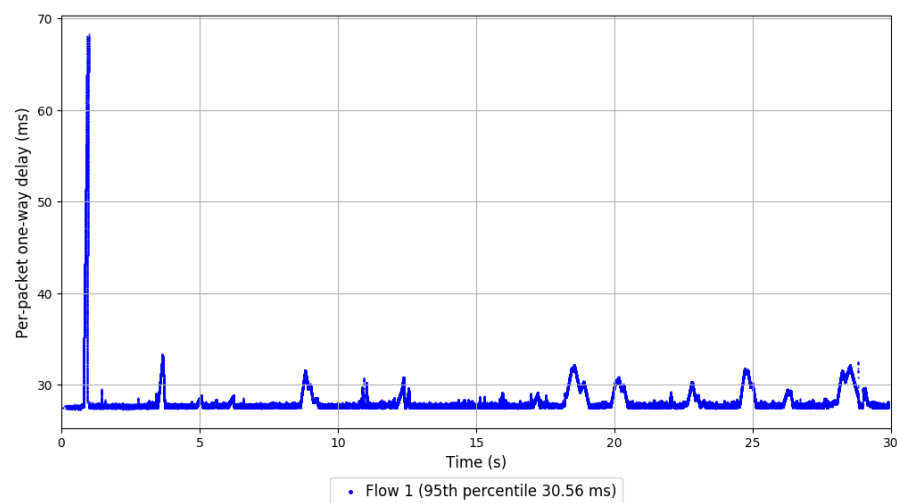
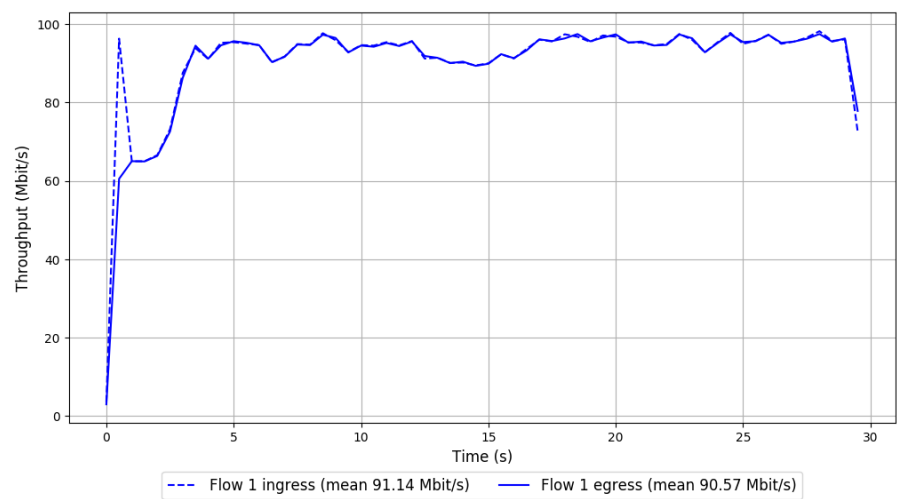


Run 1: Statistics of PCC

Start at: 2017-12-05 13:12:09
End at: 2017-12-05 13:12:39
Local clock offset: 0.172 ms
Remote clock offset: -3.409 ms

Below is generated by plot.py at 2017-12-05 16:32:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 30.564 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 30.564 ms
Loss rate: 0.63%

Run 1: Report of PCC — Data Link

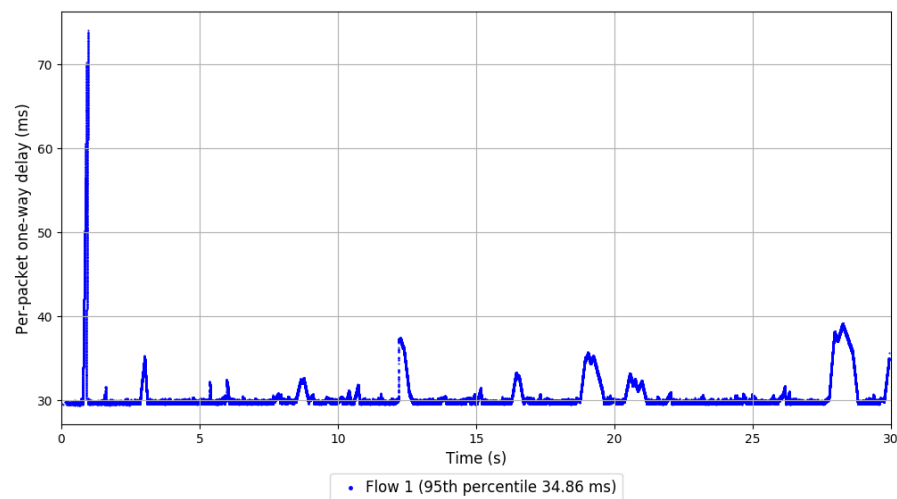
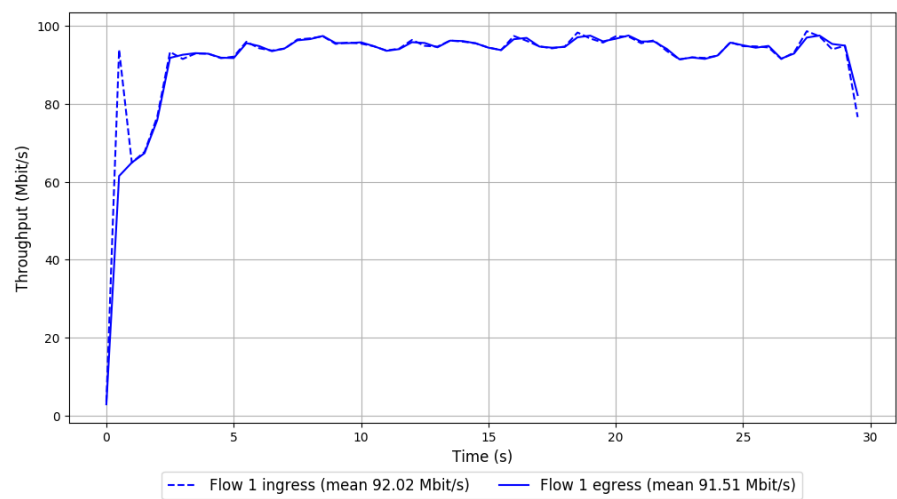


Run 2: Statistics of PCC

Start at: 2017-12-05 13:31:23
End at: 2017-12-05 13:31:53
Local clock offset: 0.116 ms
Remote clock offset: -1.289 ms

Below is generated by plot.py at 2017-12-05 16:33:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.51 Mbit/s
95th percentile per-packet one-way delay: 34.864 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 91.51 Mbit/s
95th percentile per-packet one-way delay: 34.864 ms
Loss rate: 0.53%

Run 2: Report of PCC — Data Link

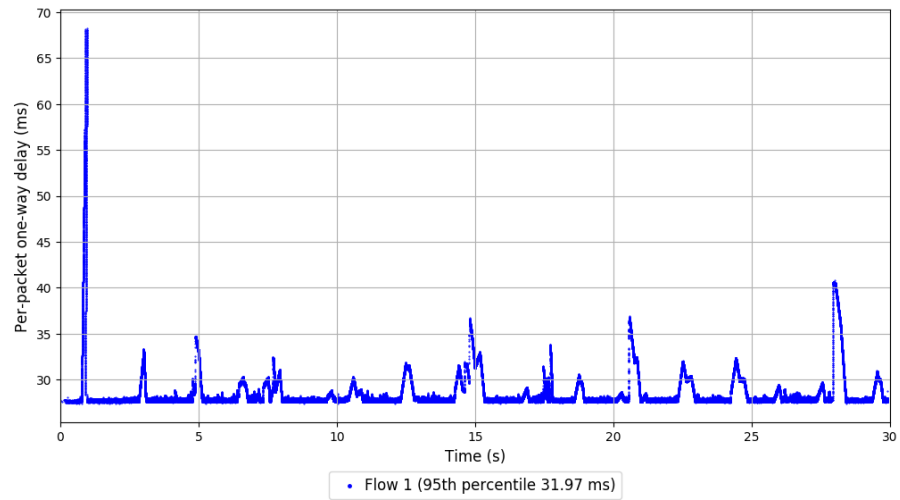
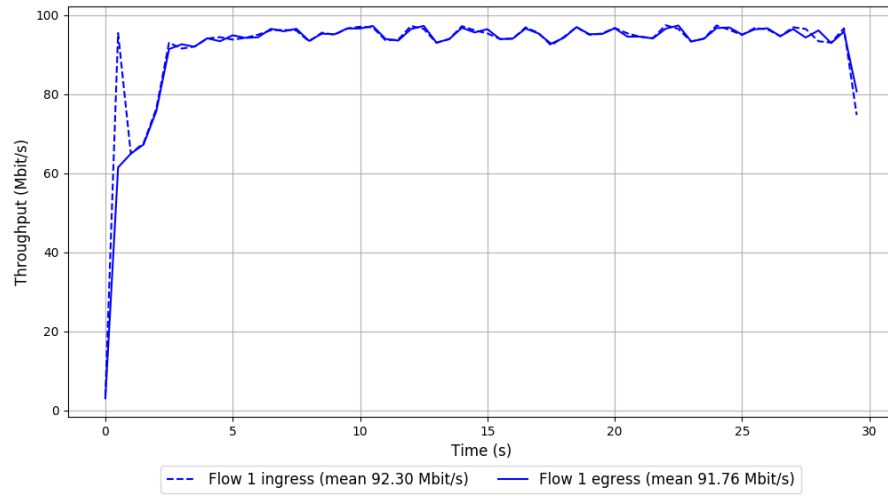


Run 3: Statistics of PCC

Start at: 2017-12-05 13:50:07
End at: 2017-12-05 13:50:37
Local clock offset: -0.198 ms
Remote clock offset: -3.416 ms

Below is generated by plot.py at 2017-12-05 16:33:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.76 Mbit/s
95th percentile per-packet one-way delay: 31.971 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 91.76 Mbit/s
95th percentile per-packet one-way delay: 31.971 ms
Loss rate: 0.58%

Run 3: Report of PCC — Data Link

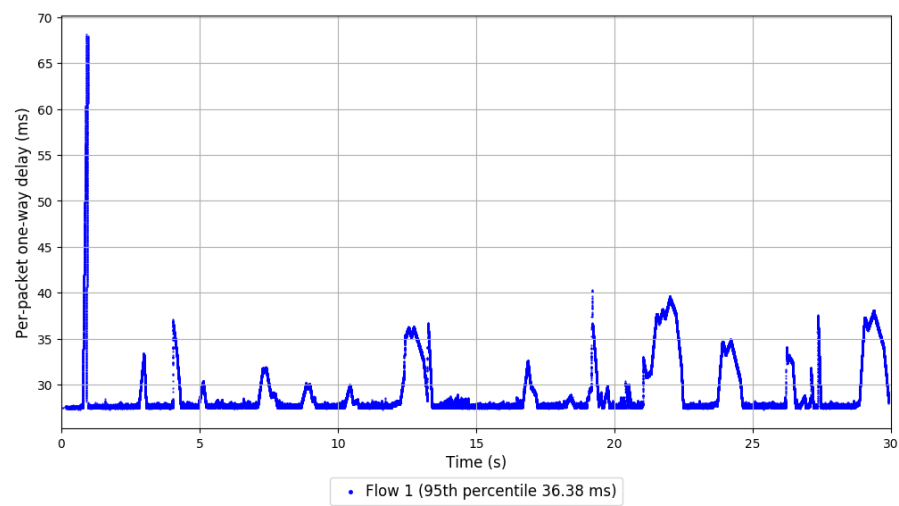
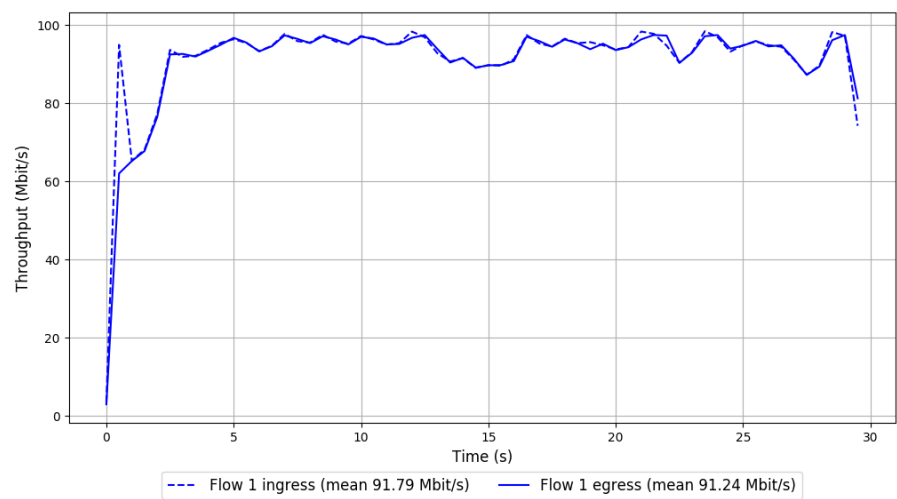


Run 4: Statistics of PCC

Start at: 2017-12-05 14:09:06
End at: 2017-12-05 14:09:36
Local clock offset: -0.292 ms
Remote clock offset: -3.513 ms

Below is generated by plot.py at 2017-12-05 16:33:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.24 Mbit/s
95th percentile per-packet one-way delay: 36.381 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 91.24 Mbit/s
95th percentile per-packet one-way delay: 36.381 ms
Loss rate: 0.60%

Run 4: Report of PCC — Data Link

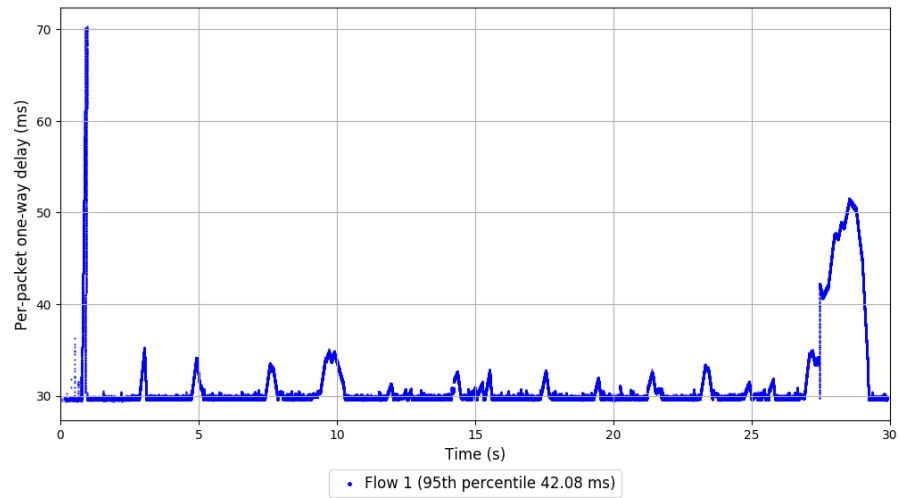
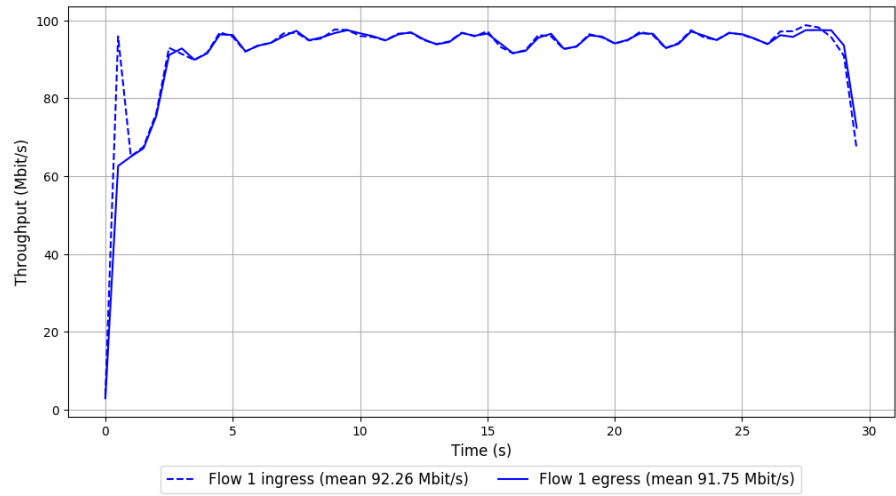


Run 5: Statistics of PCC

Start at: 2017-12-05 14:28:19
End at: 2017-12-05 14:28:49
Local clock offset: -0.509 ms
Remote clock offset: -1.666 ms

Below is generated by plot.py at 2017-12-05 16:33:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.75 Mbit/s
95th percentile per-packet one-way delay: 42.081 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 91.75 Mbit/s
95th percentile per-packet one-way delay: 42.081 ms
Loss rate: 0.55%

Run 5: Report of PCC — Data Link

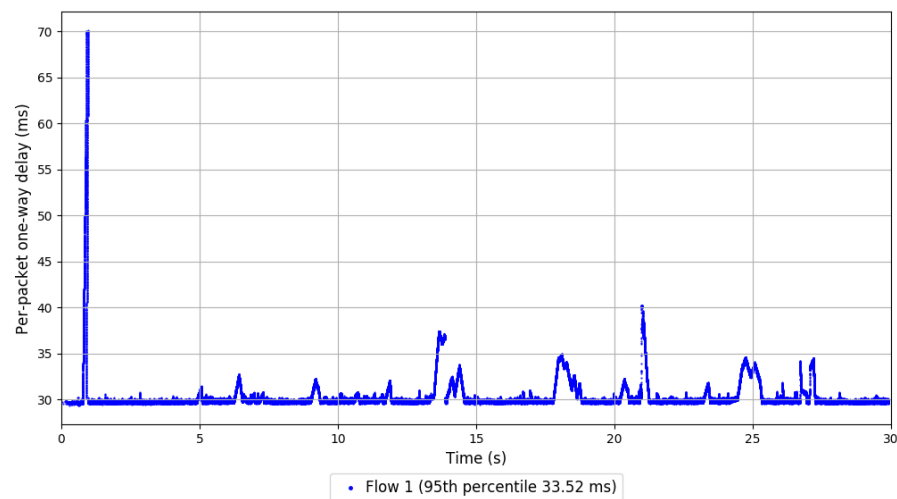
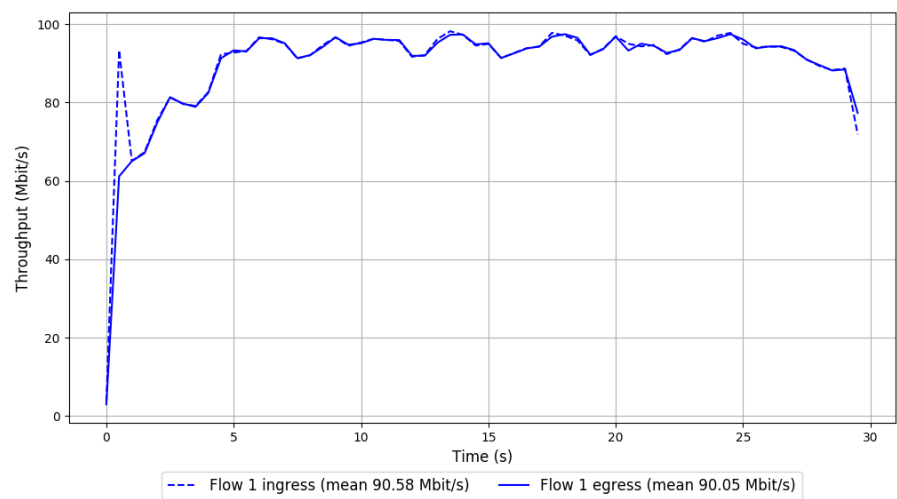


Run 6: Statistics of PCC

Start at: 2017-12-05 14:47:49
End at: 2017-12-05 14:48:19
Local clock offset: -0.583 ms
Remote clock offset: -1.582 ms

Below is generated by plot.py at 2017-12-05 16:33:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 33.516 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 33.516 ms
Loss rate: 0.58%

Run 6: Report of PCC — Data Link

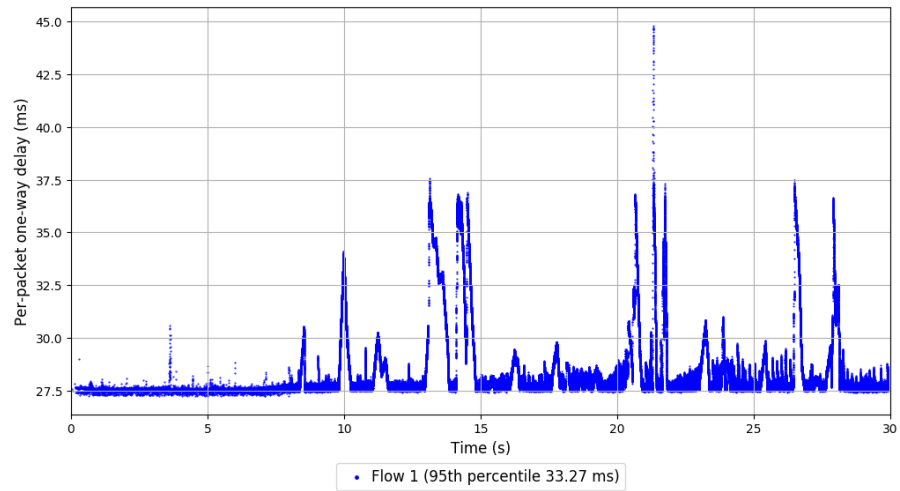
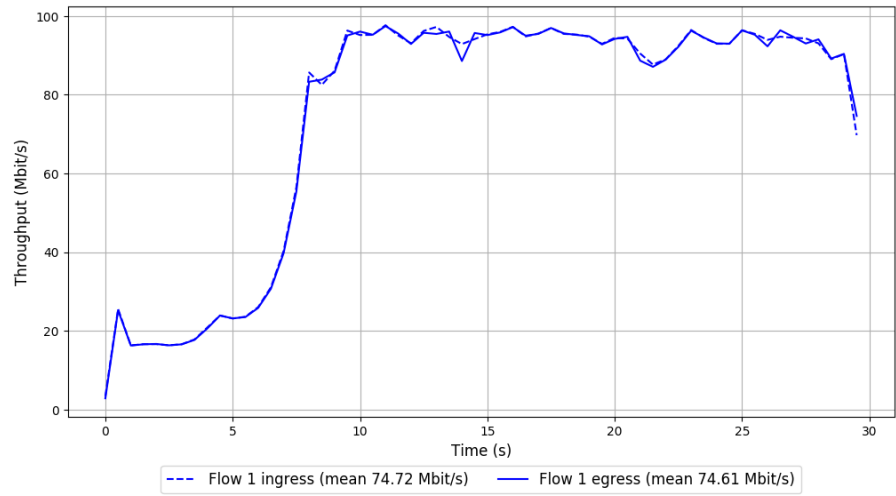


Run 7: Statistics of PCC

Start at: 2017-12-05 15:07:08
End at: 2017-12-05 15:07:38
Local clock offset: -0.675 ms
Remote clock offset: -3.576 ms

Below is generated by plot.py at 2017-12-05 16:33:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.61 Mbit/s
95th percentile per-packet one-way delay: 33.269 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 74.61 Mbit/s
95th percentile per-packet one-way delay: 33.269 ms
Loss rate: 0.15%

Run 7: Report of PCC — Data Link

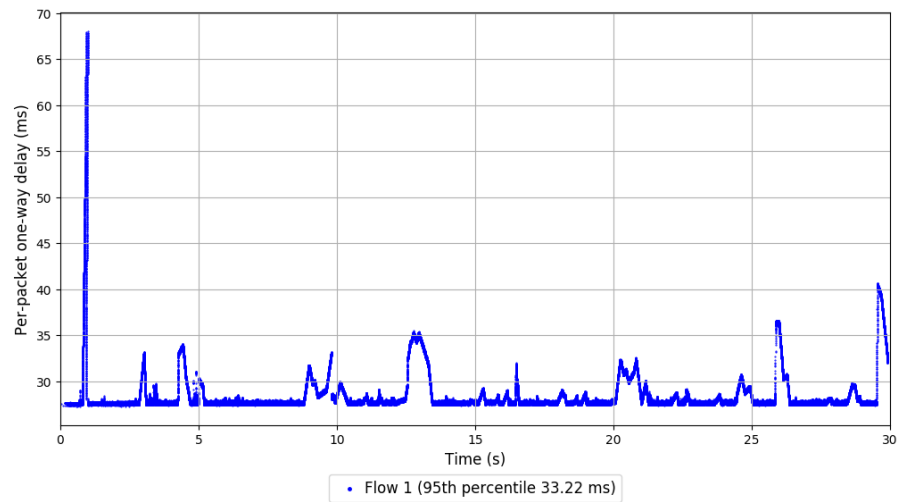
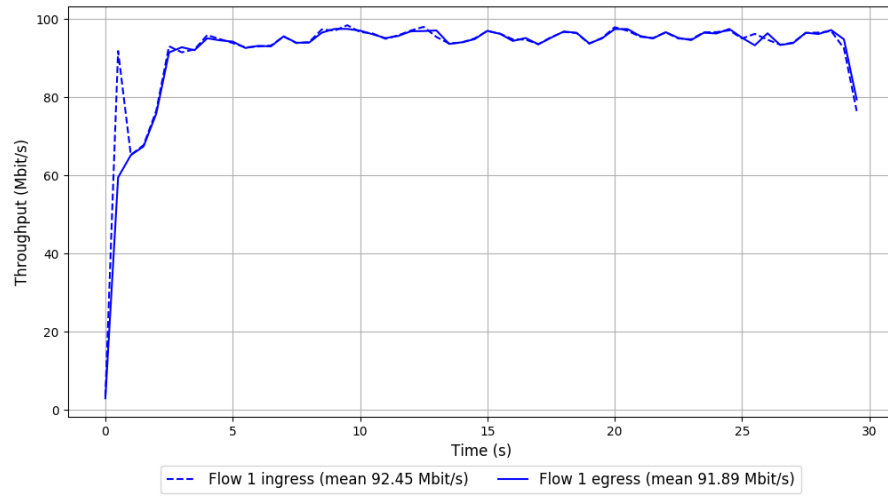


Run 8: Statistics of PCC

Start at: 2017-12-05 15:26:28
End at: 2017-12-05 15:26:58
Local clock offset: -0.809 ms
Remote clock offset: -3.589 ms

Below is generated by plot.py at 2017-12-05 16:33:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: 33.219 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: 33.219 ms
Loss rate: 0.59%

Run 8: Report of PCC — Data Link

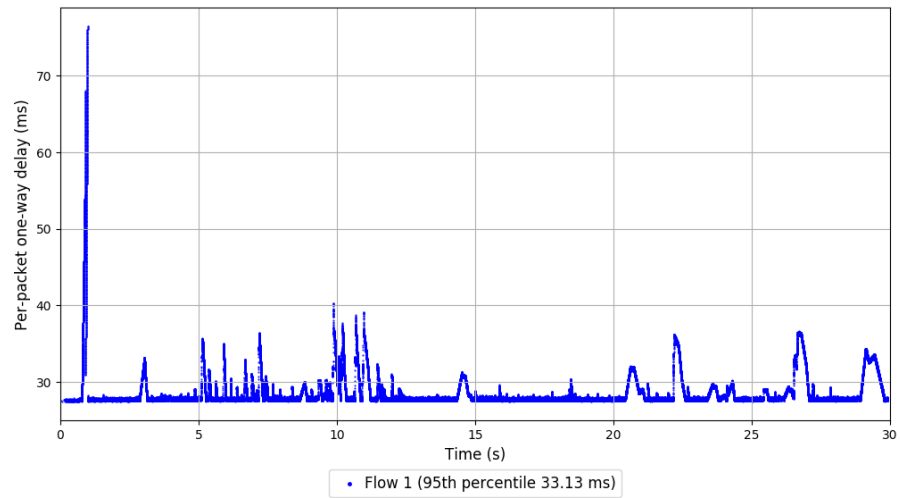
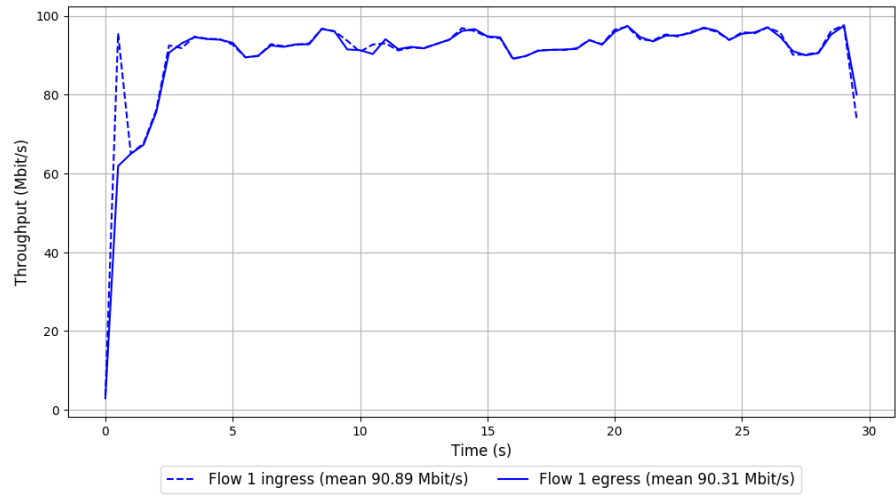


Run 9: Statistics of PCC

Start at: 2017-12-05 15:45:55
End at: 2017-12-05 15:46:25
Local clock offset: -0.852 ms
Remote clock offset: -3.426 ms

Below is generated by plot.py at 2017-12-05 16:34:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 33.127 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 33.127 ms
Loss rate: 0.63%

Run 9: Report of PCC — Data Link

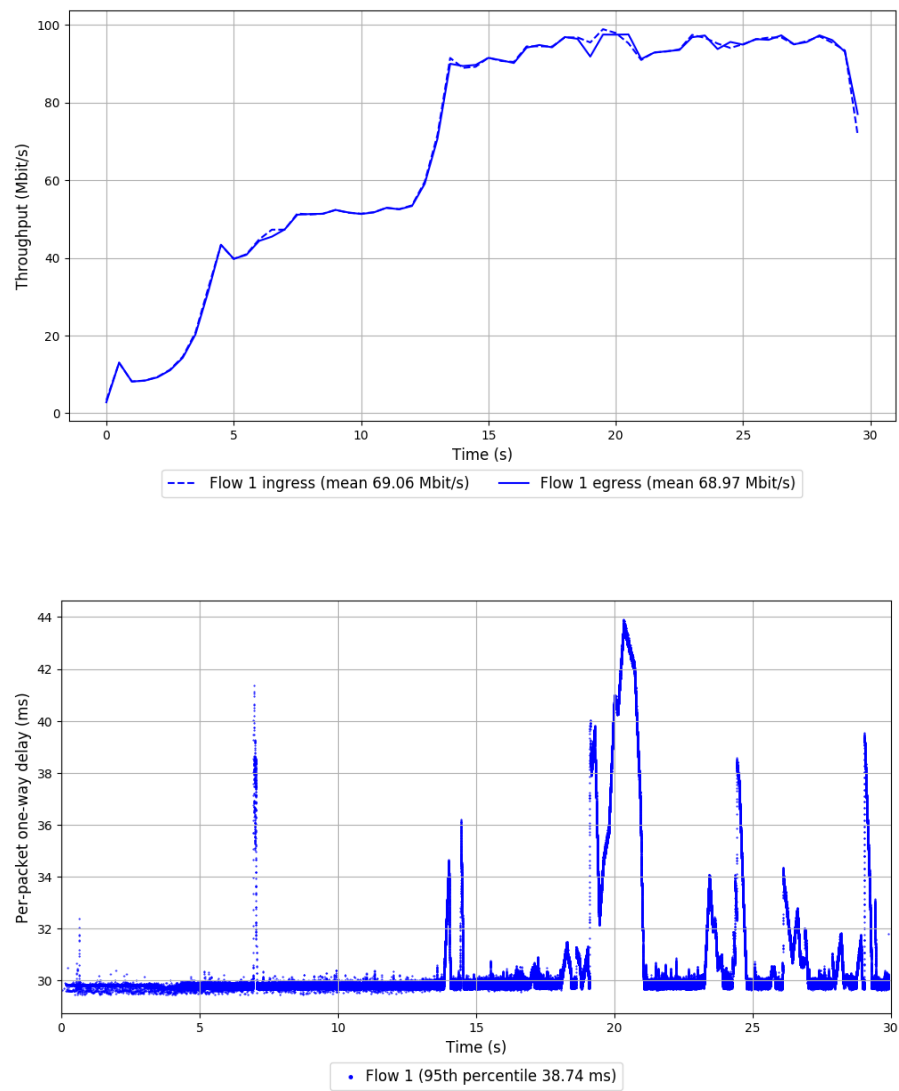


Run 10: Statistics of PCC

Start at: 2017-12-05 16:05:34
End at: 2017-12-05 16:06:04
Local clock offset: -1.017 ms
Remote clock offset: -1.281 ms

Below is generated by plot.py at 2017-12-05 16:34:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.97 Mbit/s
95th percentile per-packet one-way delay: 38.737 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 68.97 Mbit/s
95th percentile per-packet one-way delay: 38.737 ms
Loss rate: 0.12%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

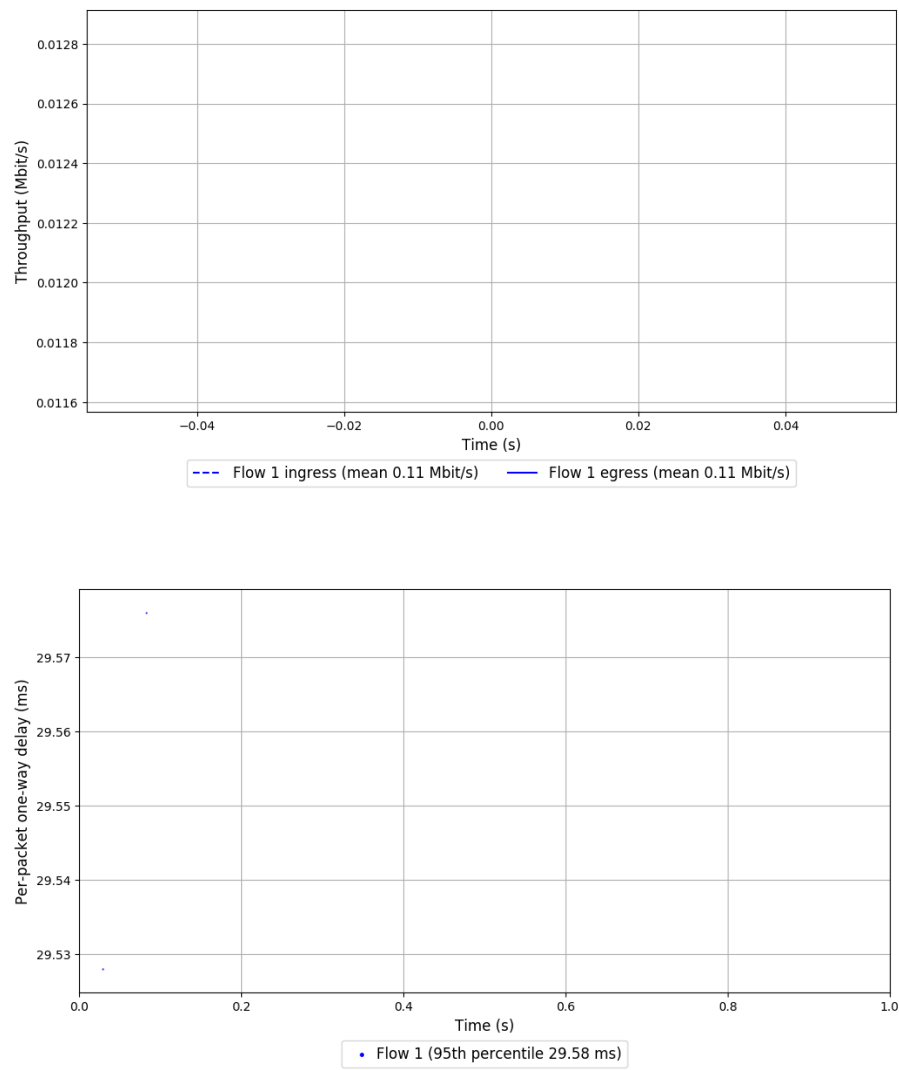
Start at: 2017-12-05 13:06:41

End at: 2017-12-05 13:07:11

Local clock offset: 0.189 ms

Remote clock offset: -1.3 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-12-05 13:25:50

End at: 2017-12-05 13:26:20

Local clock offset: 0.176 ms

Remote clock offset: -0.76 ms

Below is generated by plot.py at 2017-12-05 16:34:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.99 Mbit/s

95th percentile per-packet one-way delay: 61.512 ms

Loss rate: 0.87%

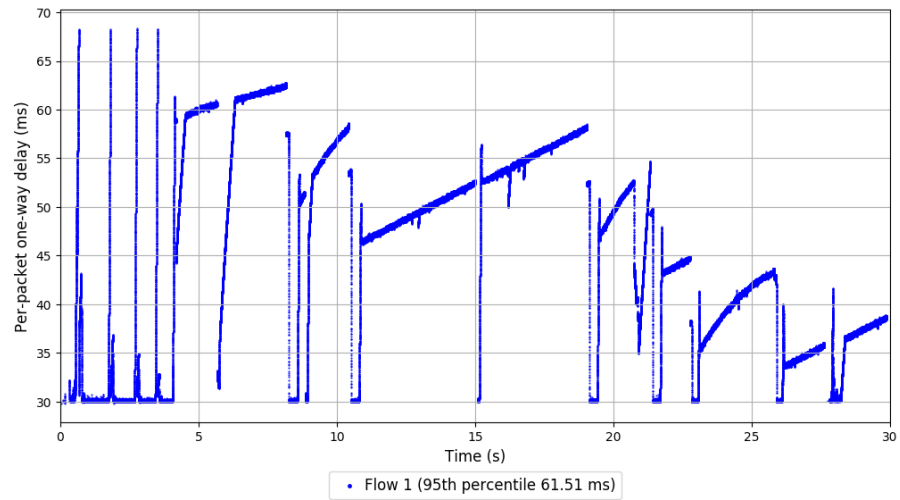
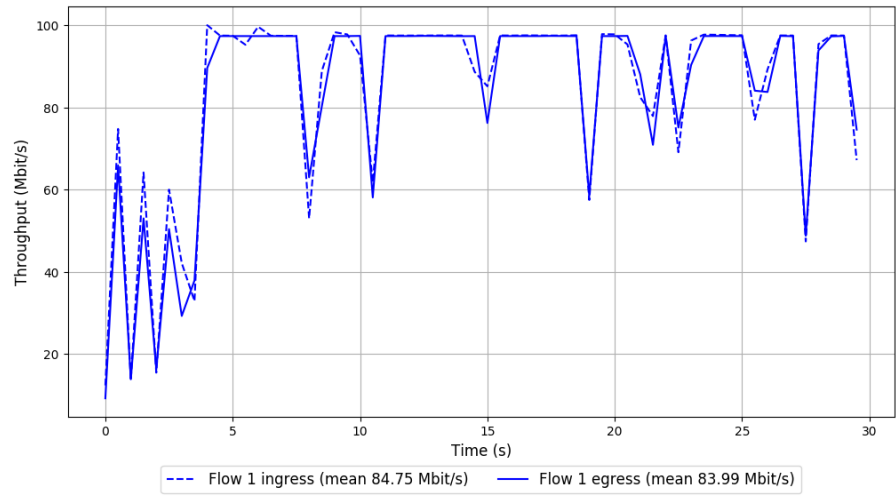
-- Flow 1:

Average throughput: 83.99 Mbit/s

95th percentile per-packet one-way delay: 61.512 ms

Loss rate: 0.87%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-12-05 13:44:38

End at: 2017-12-05 13:45:08

Local clock offset: -0.049 ms

Remote clock offset: -0.986 ms

Below is generated by plot.py at 2017-12-05 16:35:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.74 Mbit/s

95th percentile per-packet one-way delay: 63.298 ms

Loss rate: 0.92%

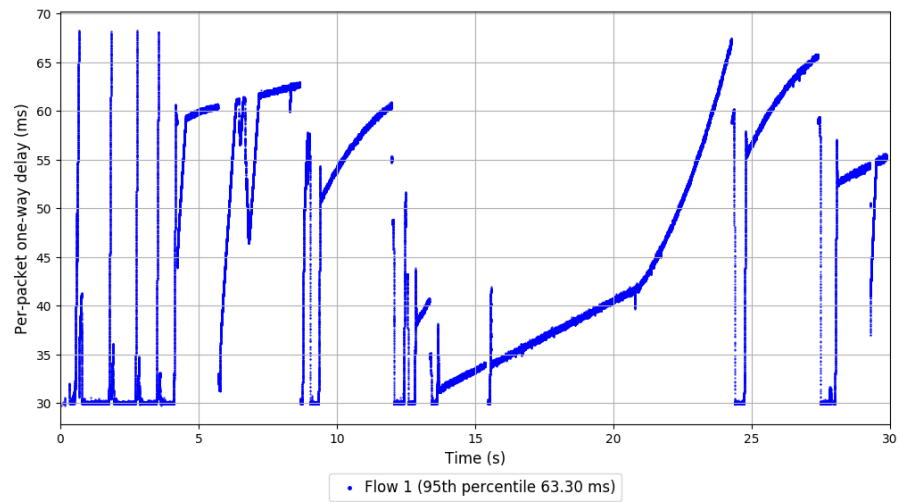
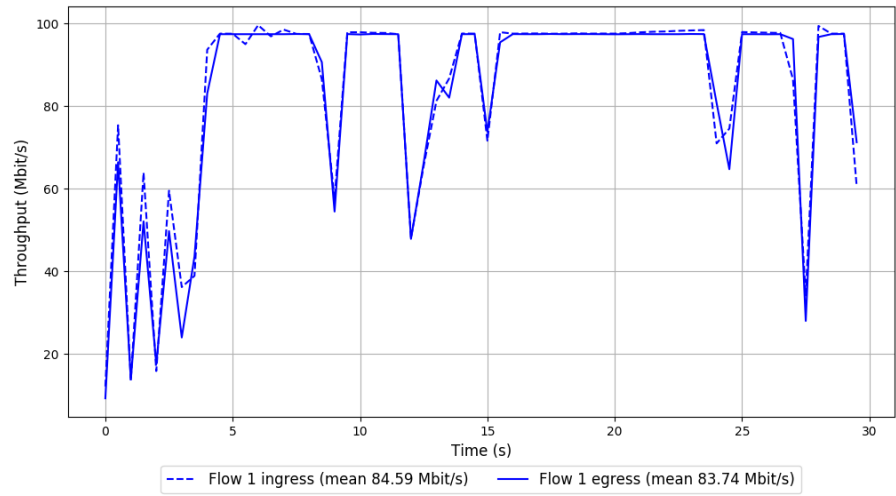
-- Flow 1:

Average throughput: 83.74 Mbit/s

95th percentile per-packet one-way delay: 63.298 ms

Loss rate: 0.92%

Run 3: Report of QUIC Cubic — Data Link

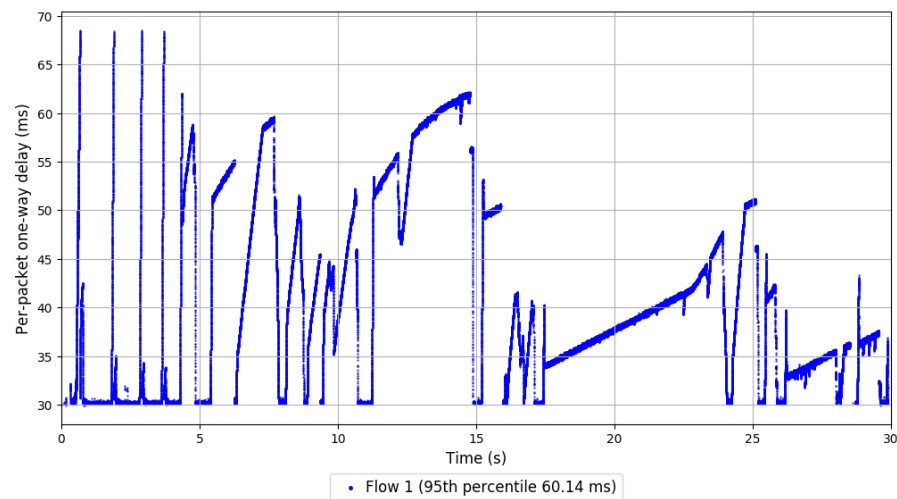
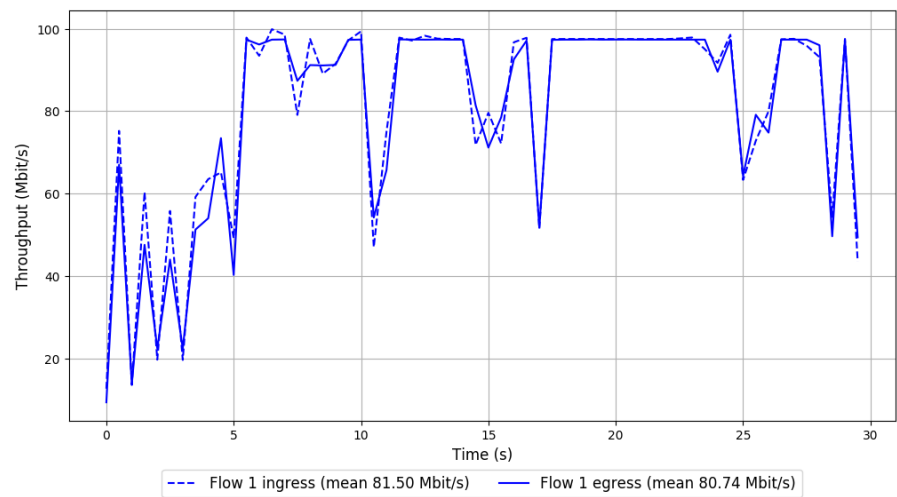


Run 4: Statistics of QUIC Cubic

Start at: 2017-12-05 14:03:29
End at: 2017-12-05 14:03:59
Local clock offset: -0.334 ms
Remote clock offset: -0.917 ms

Below is generated by plot.py at 2017-12-05 16:35:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.74 Mbit/s
95th percentile per-packet one-way delay: 60.137 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 80.74 Mbit/s
95th percentile per-packet one-way delay: 60.137 ms
Loss rate: 0.93%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-12-05 14:22:49

End at: 2017-12-05 14:23:19

Local clock offset: -0.406 ms

Remote clock offset: -3.675 ms

Below is generated by plot.py at 2017-12-05 16:35:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.96 Mbit/s

95th percentile per-packet one-way delay: 57.993 ms

Loss rate: 0.78%

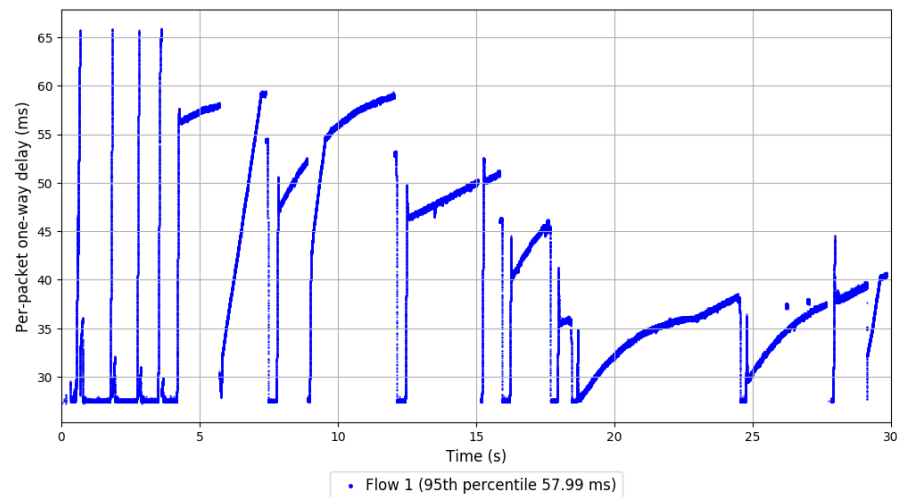
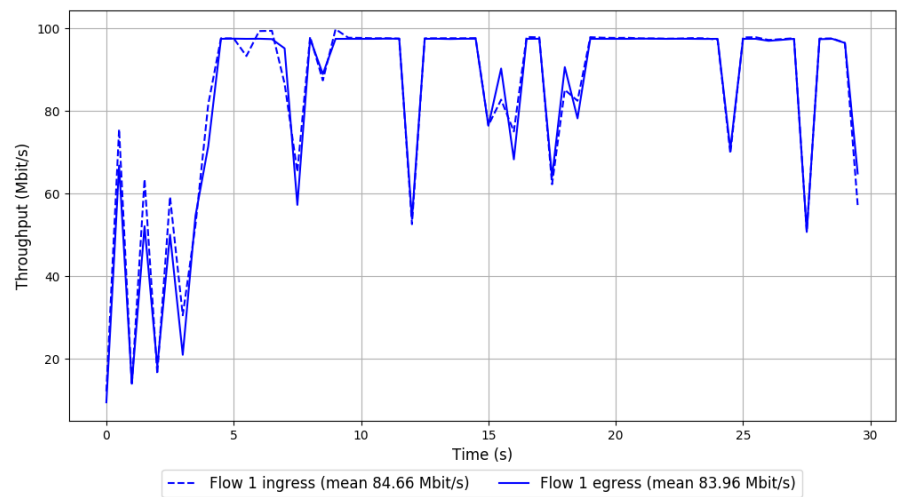
-- Flow 1:

Average throughput: 83.96 Mbit/s

95th percentile per-packet one-way delay: 57.993 ms

Loss rate: 0.78%

Run 5: Report of QUIC Cubic — Data Link

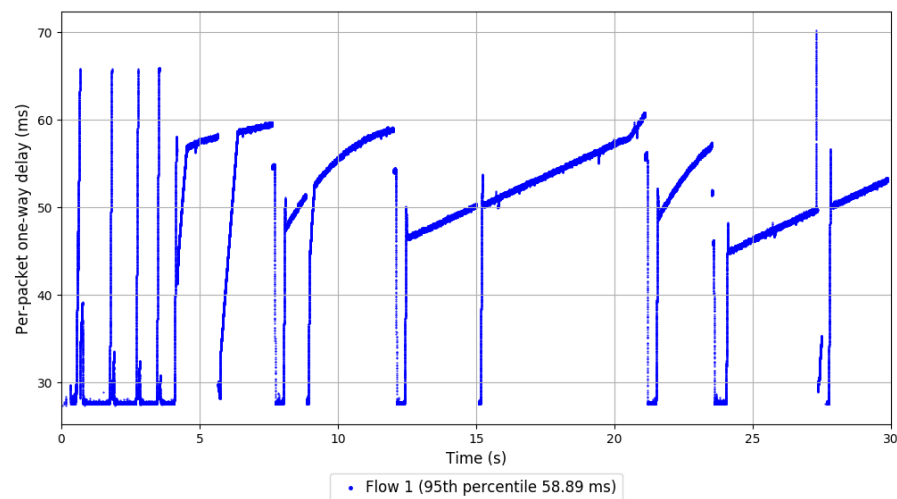
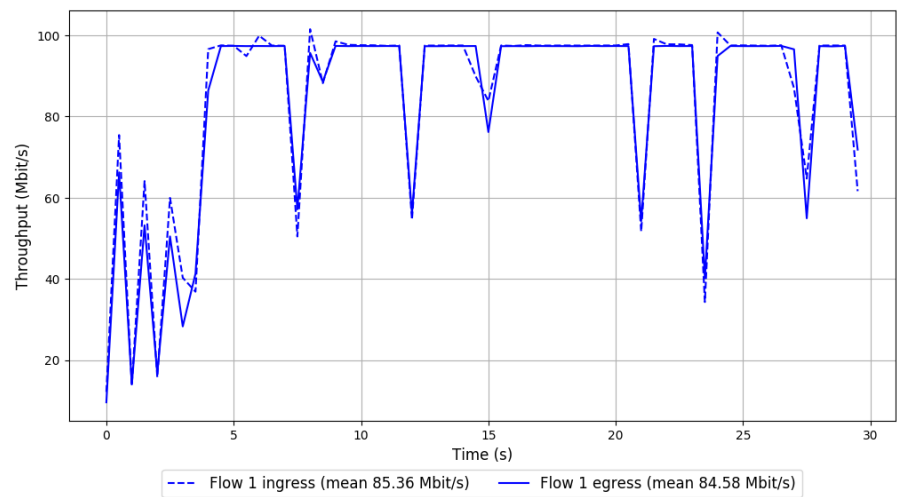


Run 6: Statistics of QUIC Cubic

Start at: 2017-12-05 14:42:00
End at: 2017-12-05 14:42:30
Local clock offset: -0.483 ms
Remote clock offset: -3.656 ms

Below is generated by plot.py at 2017-12-05 16:35:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.58 Mbit/s
95th percentile per-packet one-way delay: 58.889 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 84.58 Mbit/s
95th percentile per-packet one-way delay: 58.889 ms
Loss rate: 0.84%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-12-05 15:01:32

End at: 2017-12-05 15:02:03

Local clock offset: -0.646 ms

Remote clock offset: -3.579 ms

Below is generated by plot.py at 2017-12-05 16:35:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.21 Mbit/s

95th percentile per-packet one-way delay: 44.847 ms

Loss rate: 0.31%

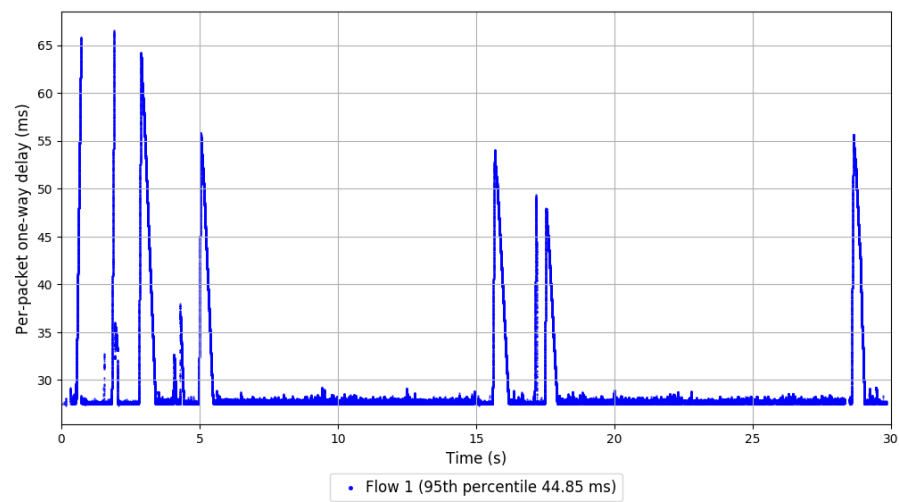
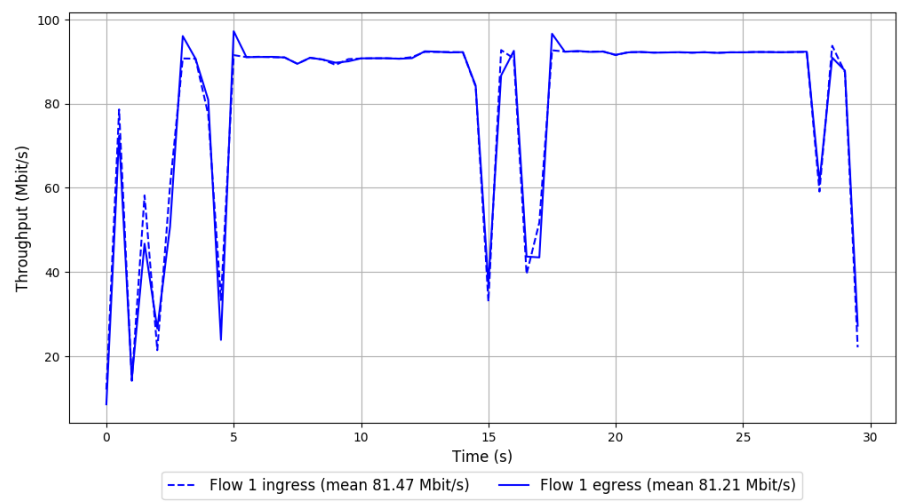
-- Flow 1:

Average throughput: 81.21 Mbit/s

95th percentile per-packet one-way delay: 44.847 ms

Loss rate: 0.31%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-12-05 15:20:32

End at: 2017-12-05 15:21:02

Local clock offset: -0.779 ms

Remote clock offset: -1.356 ms

Below is generated by plot.py at 2017-12-05 16:35:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.22 Mbit/s

95th percentile per-packet one-way delay: 60.584 ms

Loss rate: 0.84%

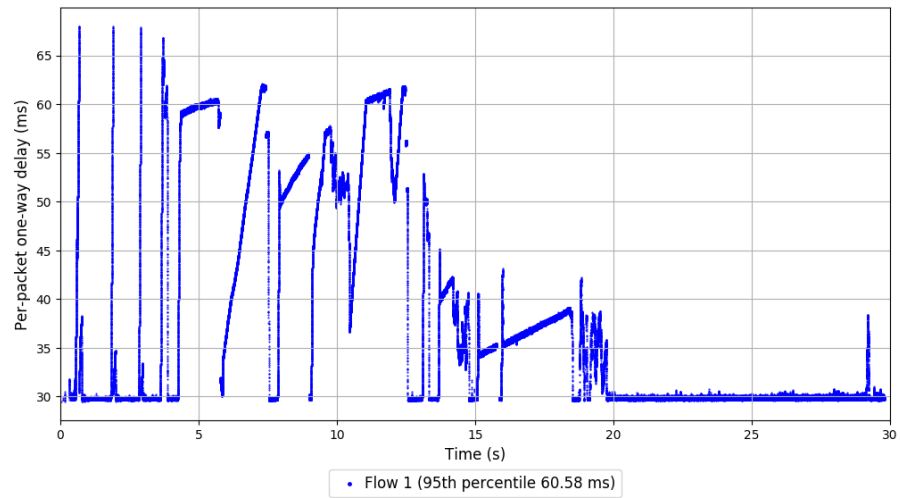
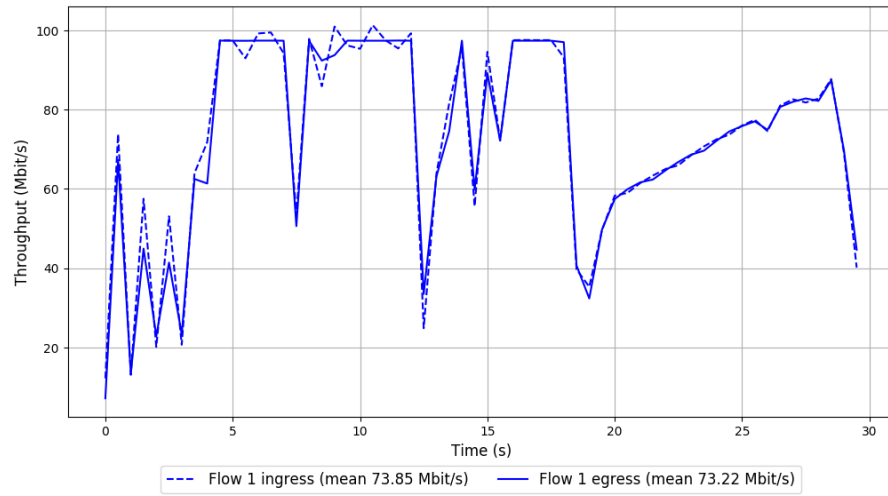
-- Flow 1:

Average throughput: 73.22 Mbit/s

95th percentile per-packet one-way delay: 60.584 ms

Loss rate: 0.84%

Run 8: Report of QUIC Cubic — Data Link

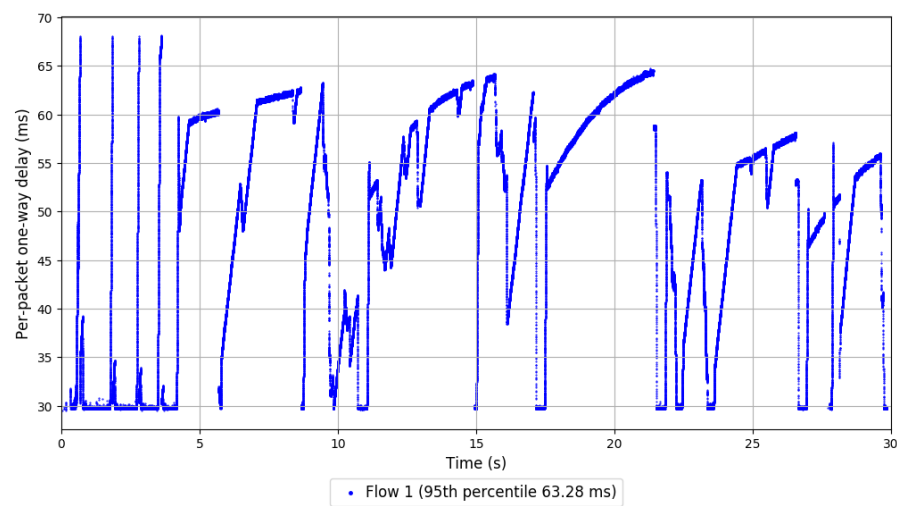
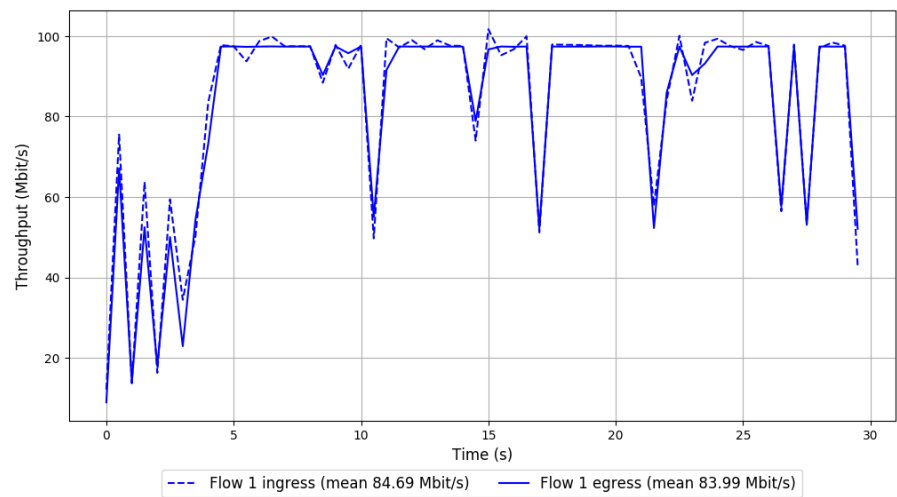


Run 9: Statistics of QUIC Cubic

Start at: 2017-12-05 15:40:09
End at: 2017-12-05 15:40:39
Local clock offset: -0.912 ms
Remote clock offset: -1.333 ms

Below is generated by plot.py at 2017-12-05 16:36:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.99 Mbit/s
95th percentile per-packet one-way delay: 63.279 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 83.99 Mbit/s
95th percentile per-packet one-way delay: 63.279 ms
Loss rate: 0.82%

Run 9: Report of QUIC Cubic — Data Link

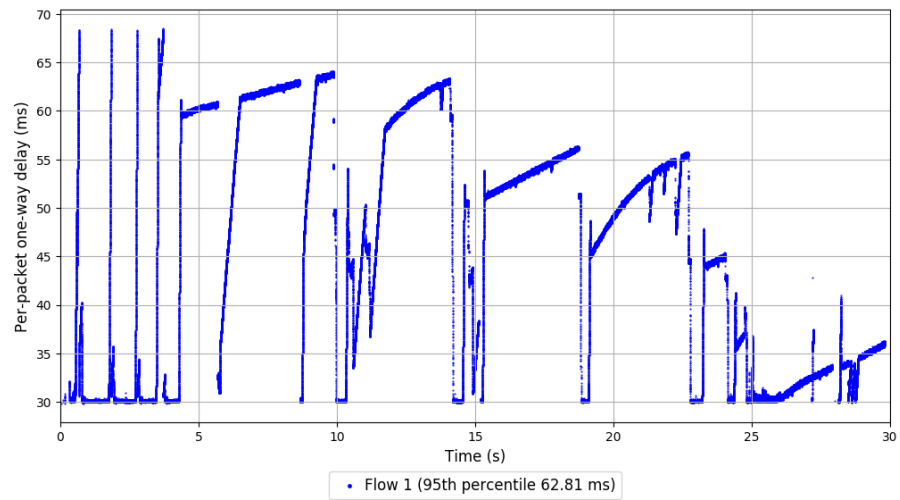
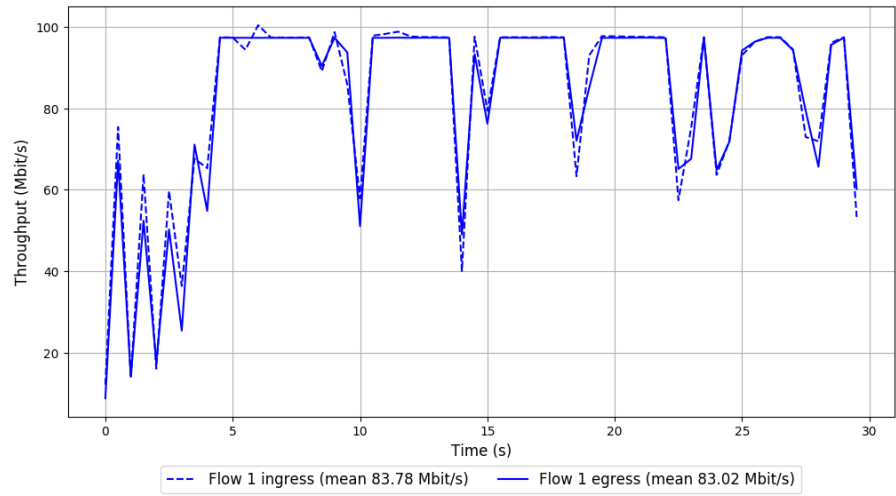


Run 10: Statistics of QUIC Cubic

Start at: 2017-12-05 15:59:37
End at: 2017-12-05 16:00:07
Local clock offset: -0.982 ms
Remote clock offset: -0.935 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.02 Mbit/s
95th percentile per-packet one-way delay: 62.807 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 83.02 Mbit/s
95th percentile per-packet one-way delay: 62.807 ms
Loss rate: 0.89%

Run 10: Report of QUIC Cubic — Data Link

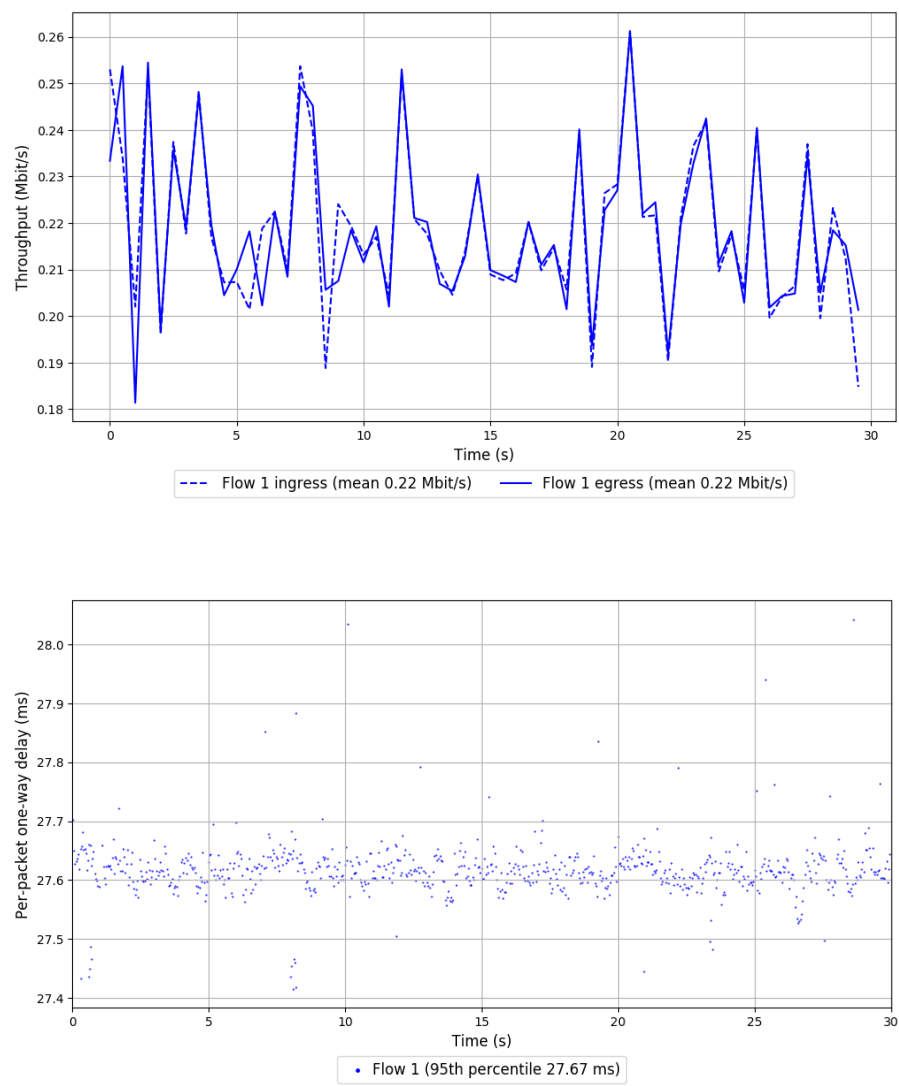


```
Run 1: Statistics of SCReAM

Start at: 2017-12-05 13:01:21
End at: 2017-12-05 13:01:51
Local clock offset: 0.301 ms
Remote clock offset: -3.327 ms

# Below is generated by plot.py at 2017-12-05 16:36:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.666 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

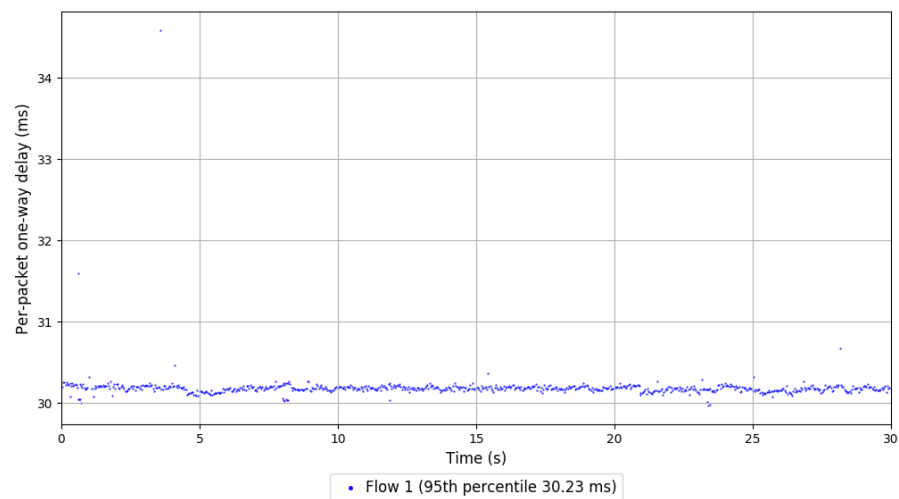
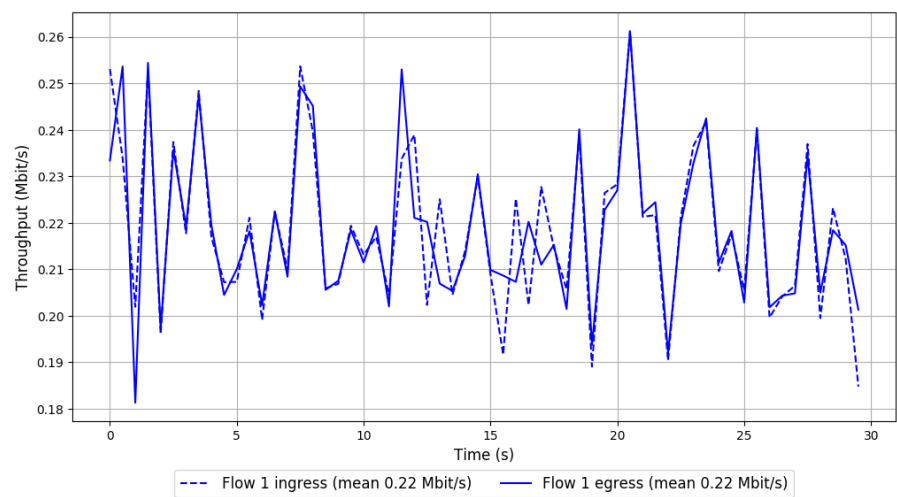


Run 2: Statistics of SCReAM

Start at: 2017-12-05 13:20:16
End at: 2017-12-05 13:20:46
Local clock offset: 0.19 ms
Remote clock offset: -0.808 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.235 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.235 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

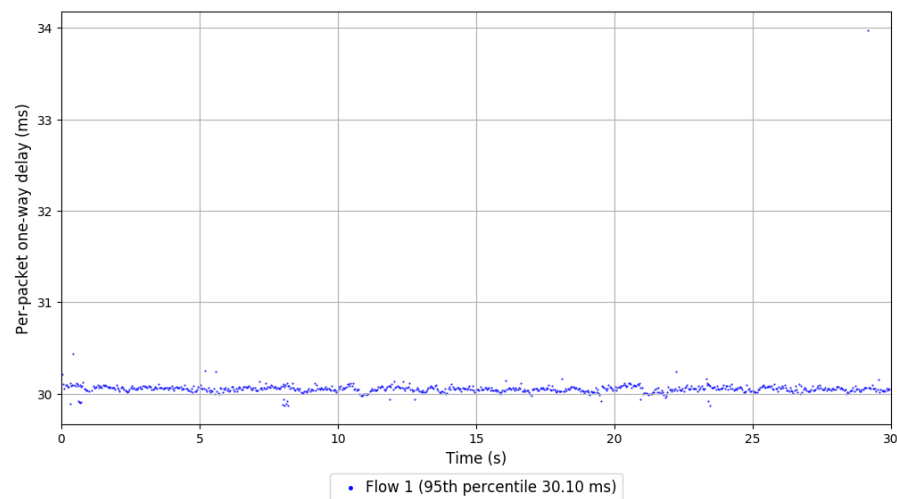
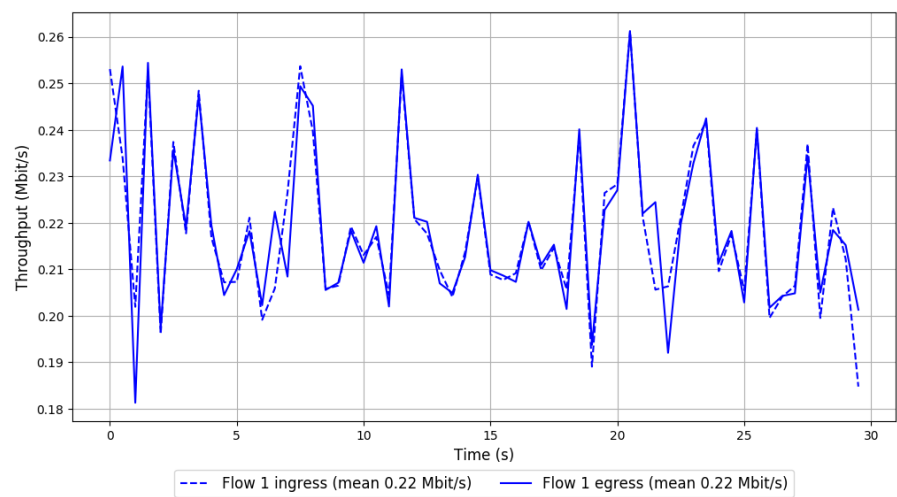


Run 3: Statistics of SCReAM

Start at: 2017-12-05 13:39:20
End at: 2017-12-05 13:39:50
Local clock offset: 0.02 ms
Remote clock offset: -1.025 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.102 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.102 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

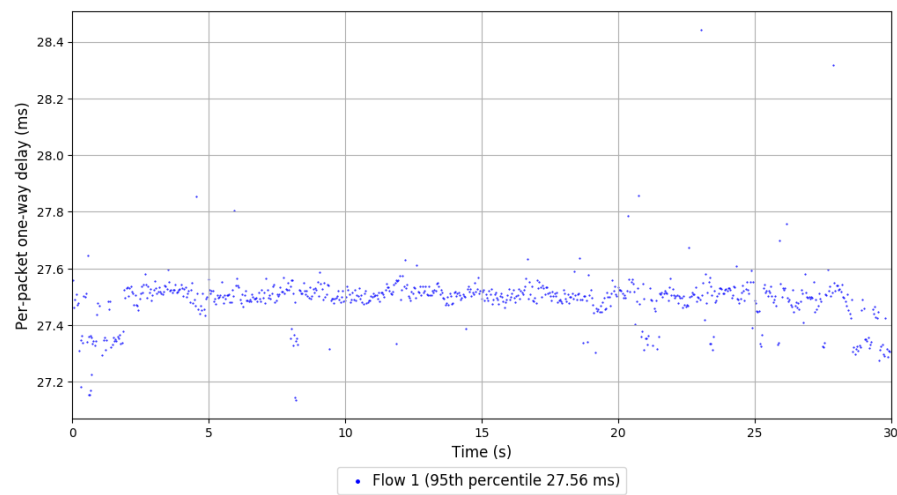
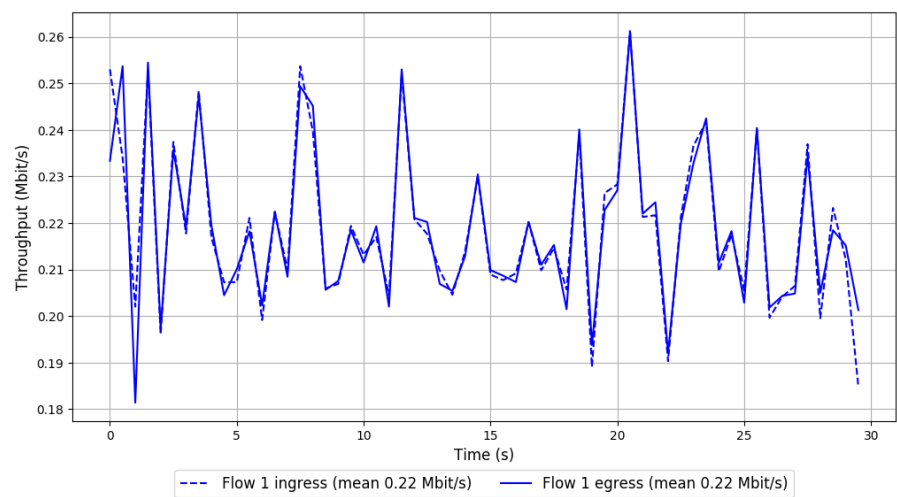


Run 4: Statistics of SCReAM

Start at: 2017-12-05 13:58:07
End at: 2017-12-05 13:58:37
Local clock offset: -0.188 ms
Remote clock offset: -3.565 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.559 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.559 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

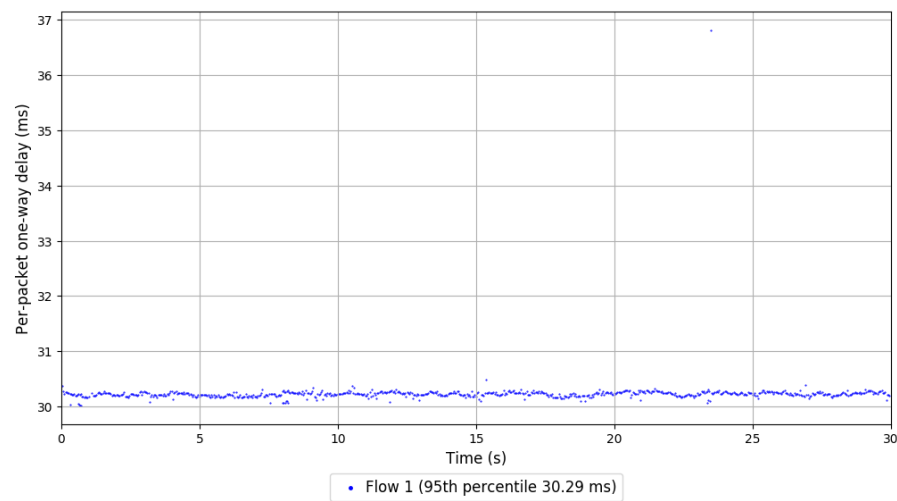
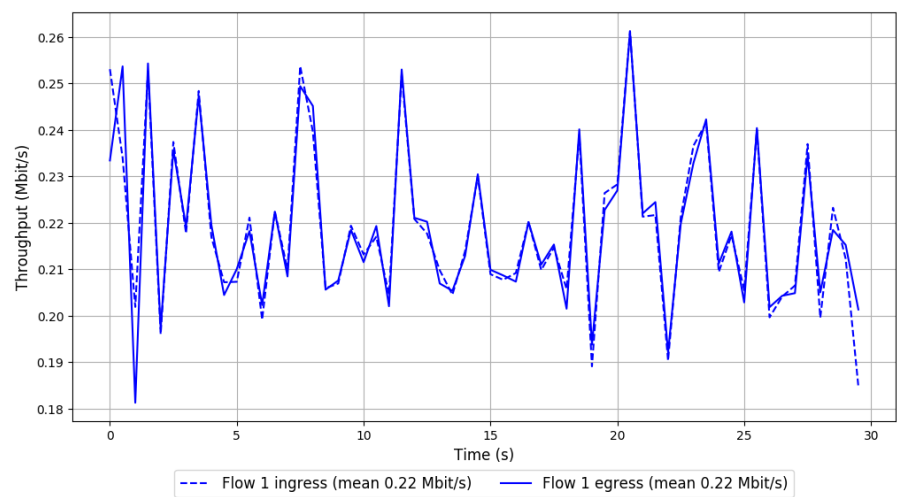


Run 5: Statistics of SCReAM

Start at: 2017-12-05 14:17:18
End at: 2017-12-05 14:17:48
Local clock offset: -0.463 ms
Remote clock offset: -1.094 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.288 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

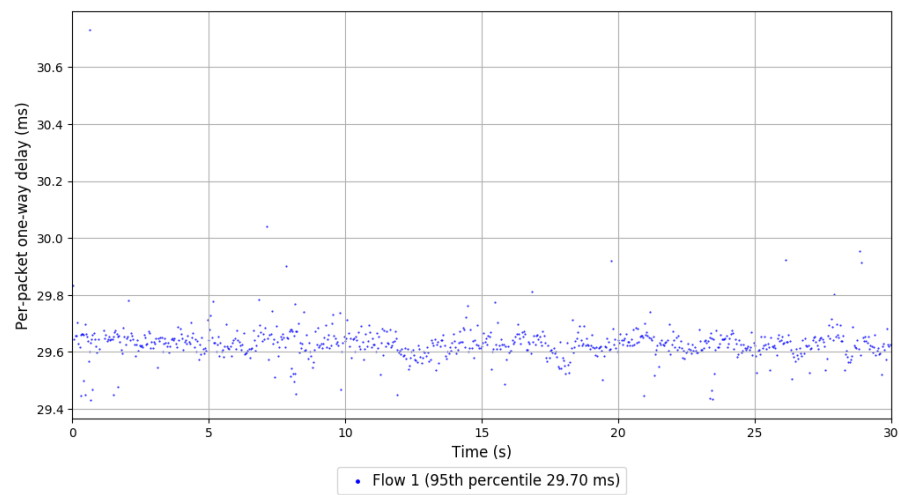
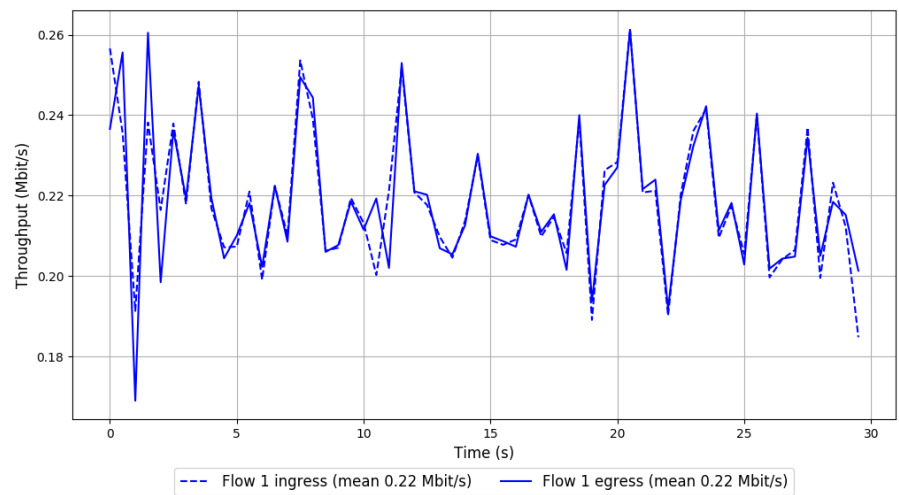


Run 6: Statistics of SCReAM

Start at: 2017-12-05 14:36:24
End at: 2017-12-05 14:36:54
Local clock offset: -0.452 ms
Remote clock offset: -1.666 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.695 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.695 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

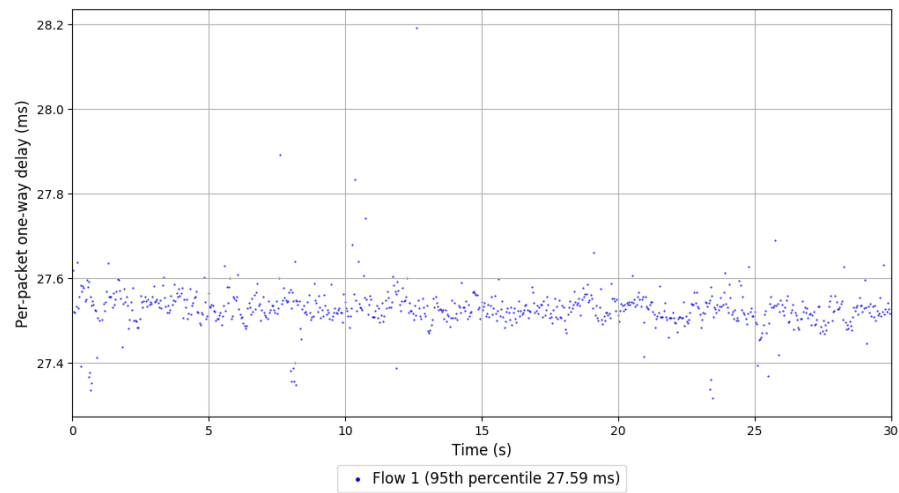
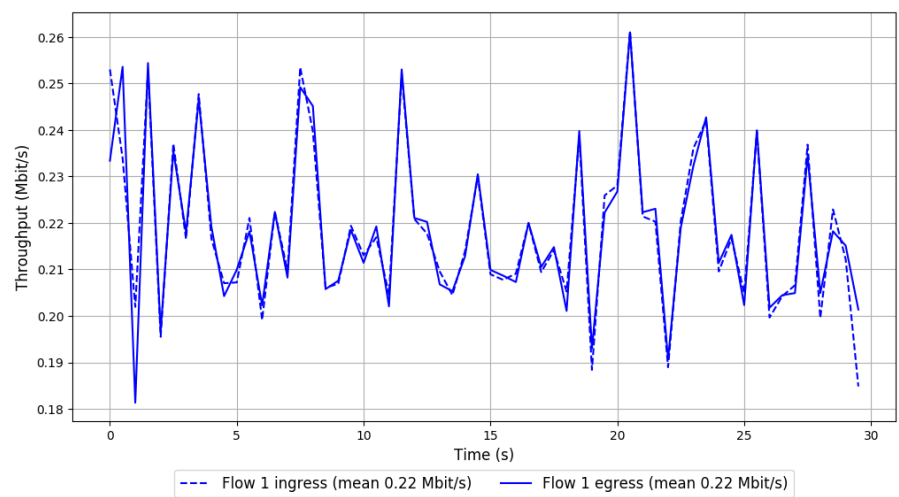


Run 7: Statistics of SCReAM

Start at: 2017-12-05 14:56:01
End at: 2017-12-05 14:56:31
Local clock offset: -0.536 ms
Remote clock offset: -3.655 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.586 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.586 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2017-12-05 15:15:08

End at: 2017-12-05 15:15:38

Local clock offset: -0.727 ms

Remote clock offset: -3.6 ms

Below is generated by plot.py at 2017-12-05 16:36:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 27.652 ms

Loss rate: 0.00%

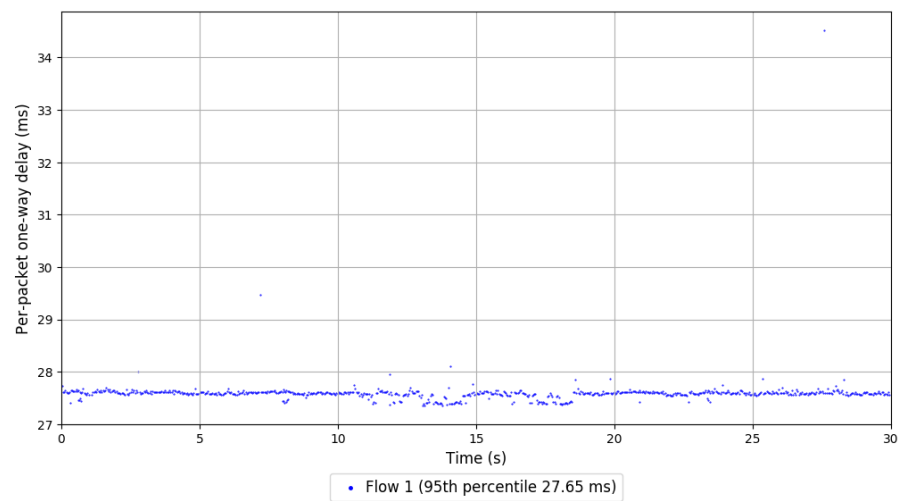
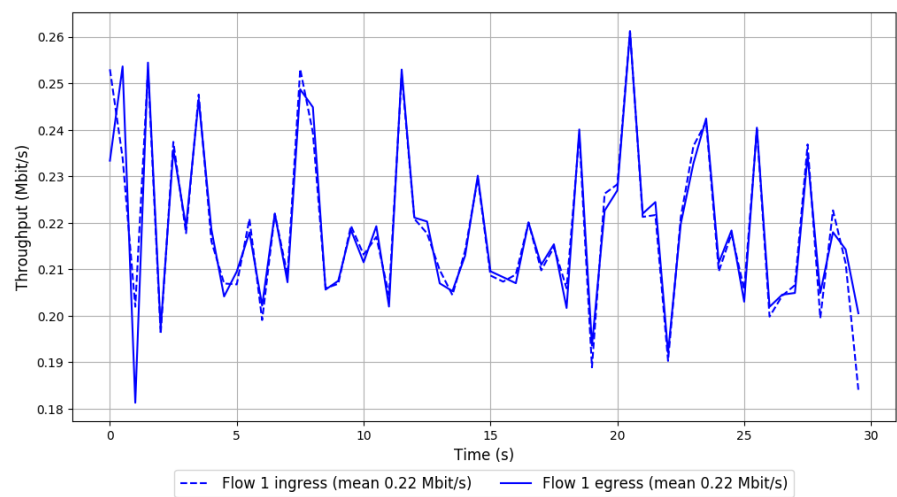
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 27.652 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

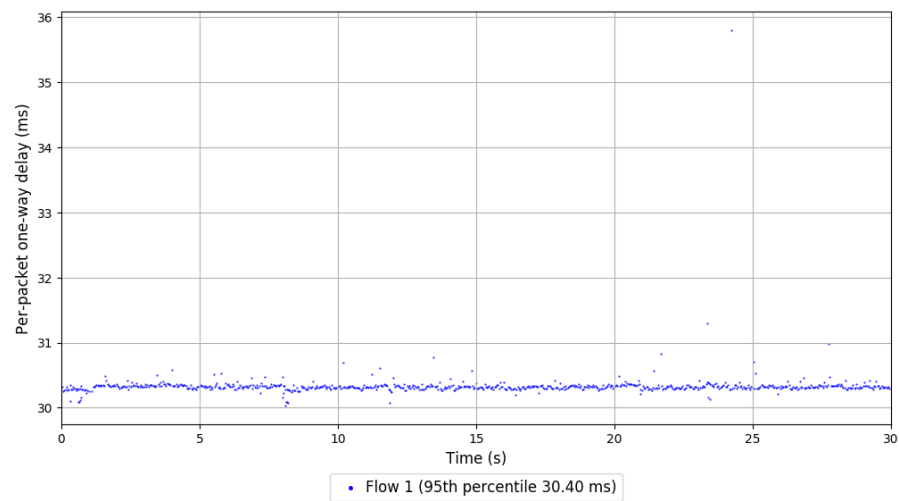
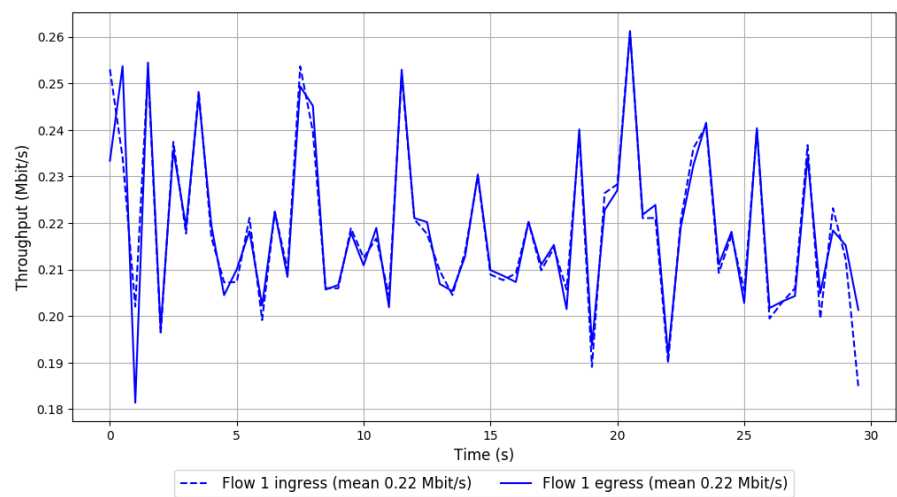


Run 9: Statistics of SCReAM

Start at: 2017-12-05 15:34:38
End at: 2017-12-05 15:35:08
Local clock offset: -0.877 ms
Remote clock offset: -0.859 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.398 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.398 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2017-12-05 15:54:05

End at: 2017-12-05 15:54:35

Local clock offset: -0.934 ms

Remote clock offset: -1.38 ms

Below is generated by plot.py at 2017-12-05 16:36:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 29.824 ms

Loss rate: 0.00%

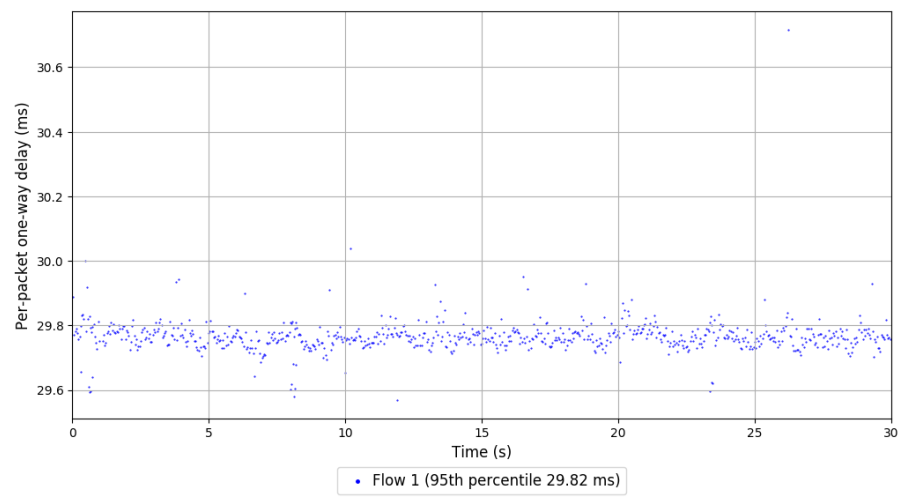
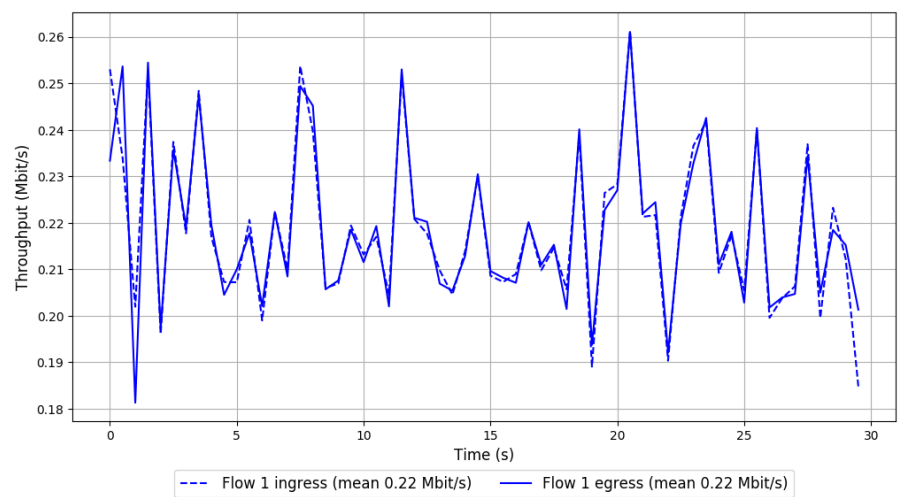
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 29.824 ms

Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link

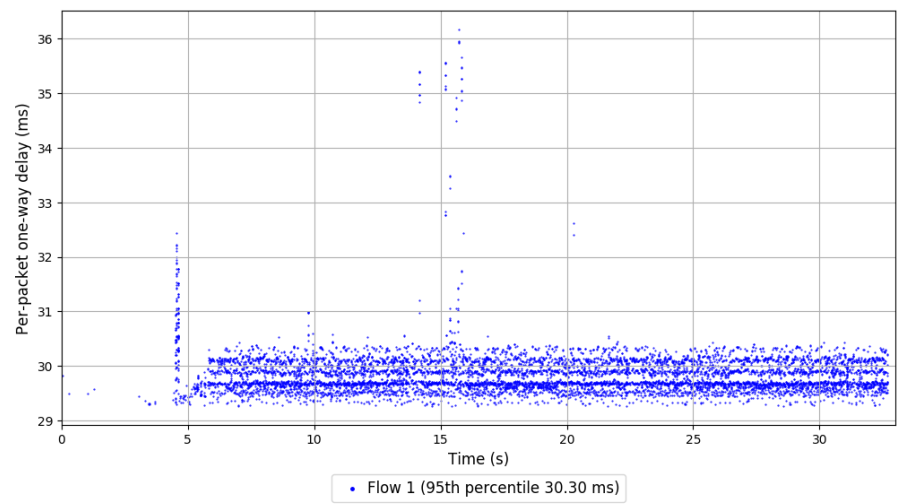
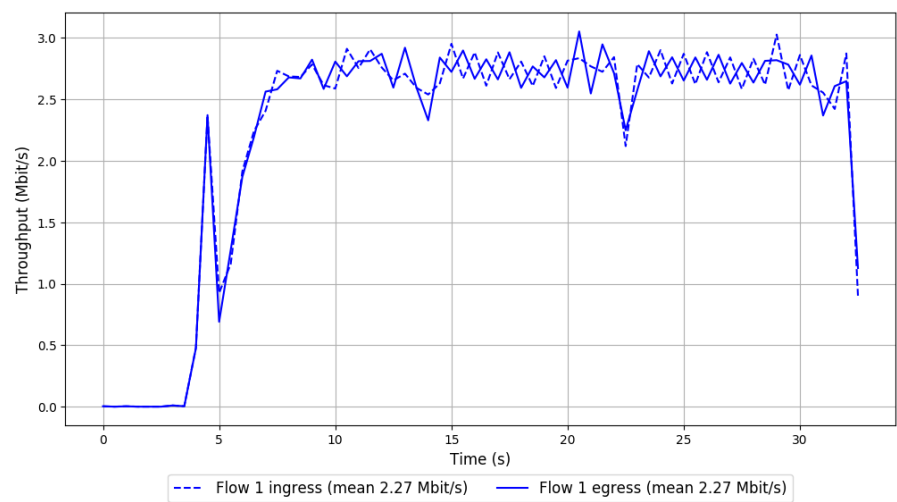


```
Run 1: Statistics of WebRTC media

Start at: 2017-12-05 13:00:05
End at: 2017-12-05 13:00:35
Local clock offset: 0.302 ms
Remote clock offset: -1.287 ms

# Below is generated by plot.py at 2017-12-05 16:36:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.305 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

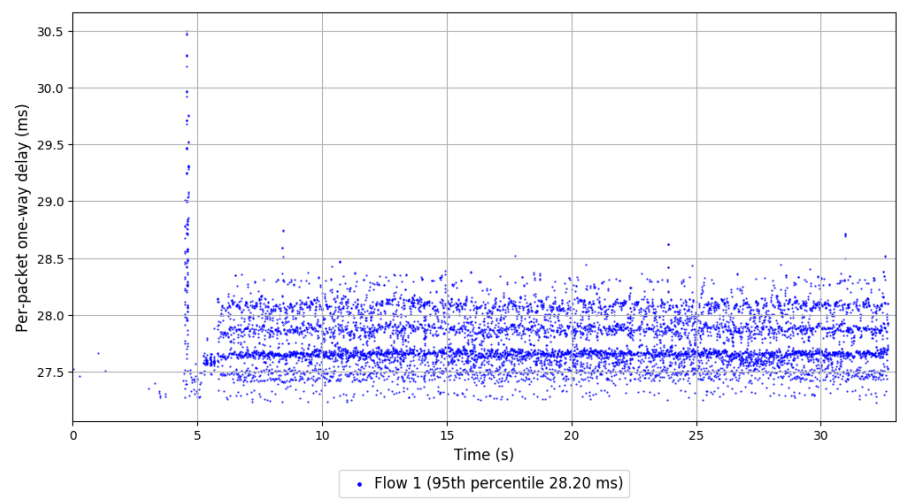
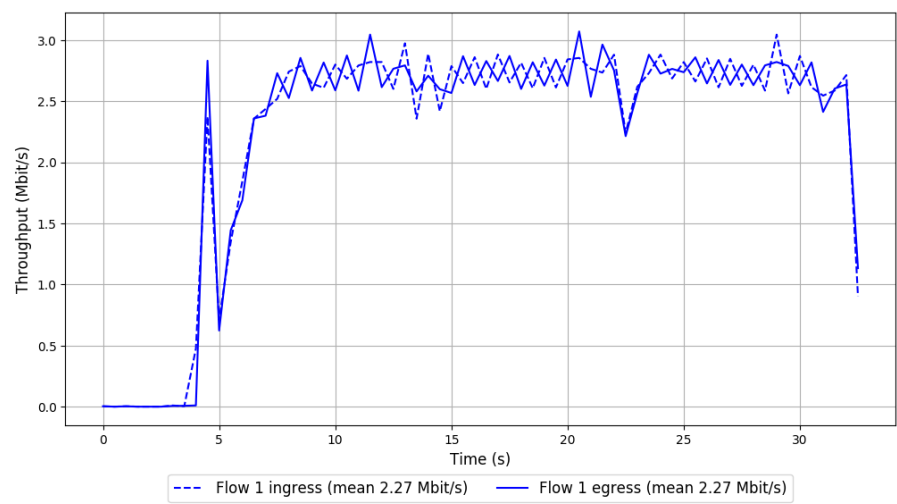


Run 2: Statistics of WebRTC media

Start at: 2017-12-05 13:19:00
End at: 2017-12-05 13:19:30
Local clock offset: 0.209 ms
Remote clock offset: -3.362 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 28.197 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 28.197 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

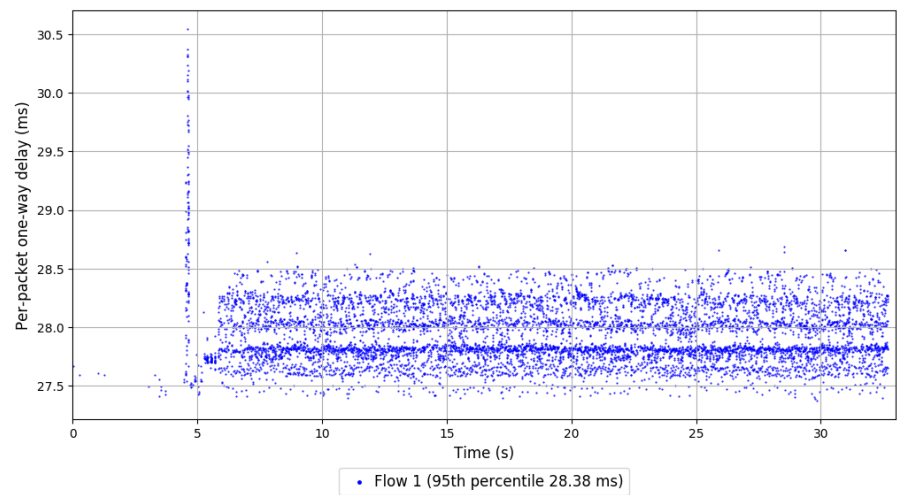
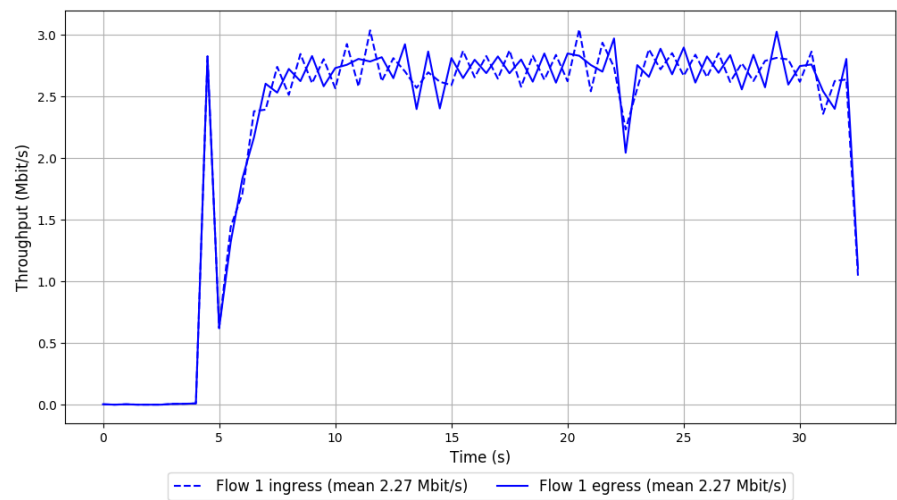


Run 3: Statistics of WebRTC media

Start at: 2017-12-05 13:38:04
End at: 2017-12-05 13:38:34
Local clock offset: -0.063 ms
Remote clock offset: -3.389 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 28.382 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 28.382 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

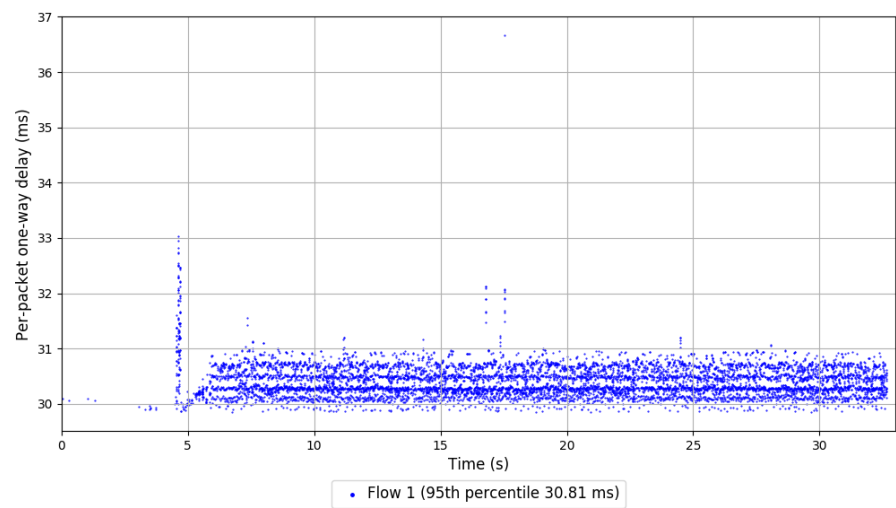
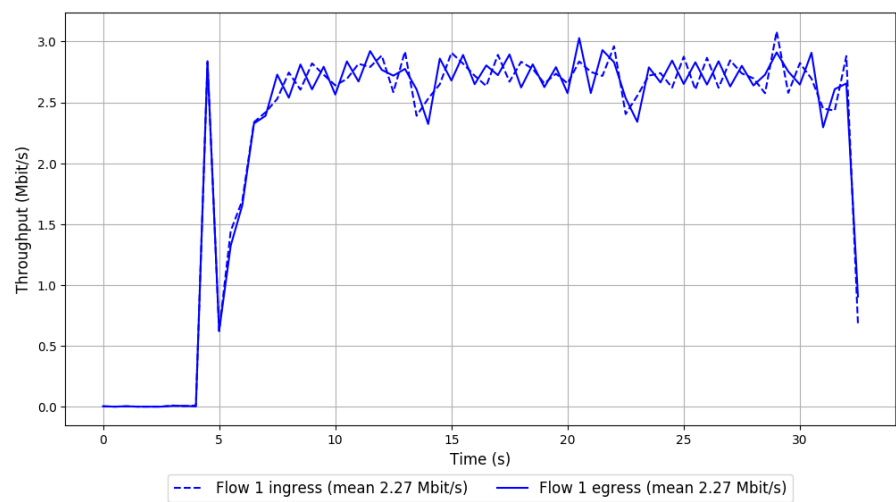


Run 4: Statistics of WebRTC media

Start at: 2017-12-05 13:56:51
End at: 2017-12-05 13:57:21
Local clock offset: -0.192 ms
Remote clock offset: -0.867 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.813 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.813 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

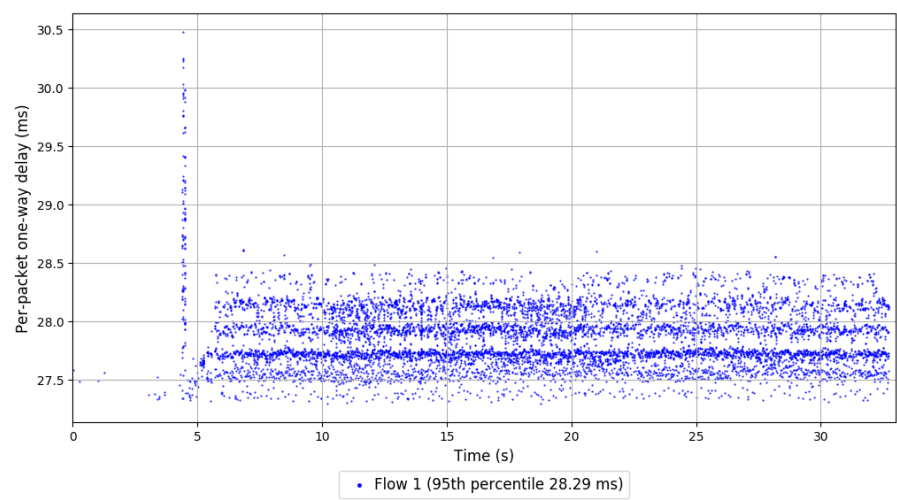
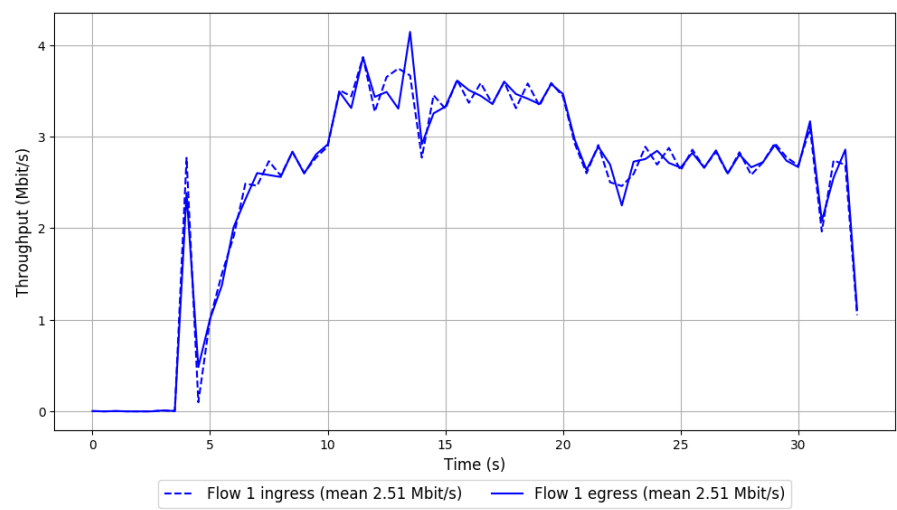


Run 5: Statistics of WebRTC media

Start at: 2017-12-05 14:16:01
End at: 2017-12-05 14:16:31
Local clock offset: -0.441 ms
Remote clock offset: -3.598 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 28.290 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 28.290 ms
Loss rate: 0.02%

Run 5: Report of WebRTC media — Data Link

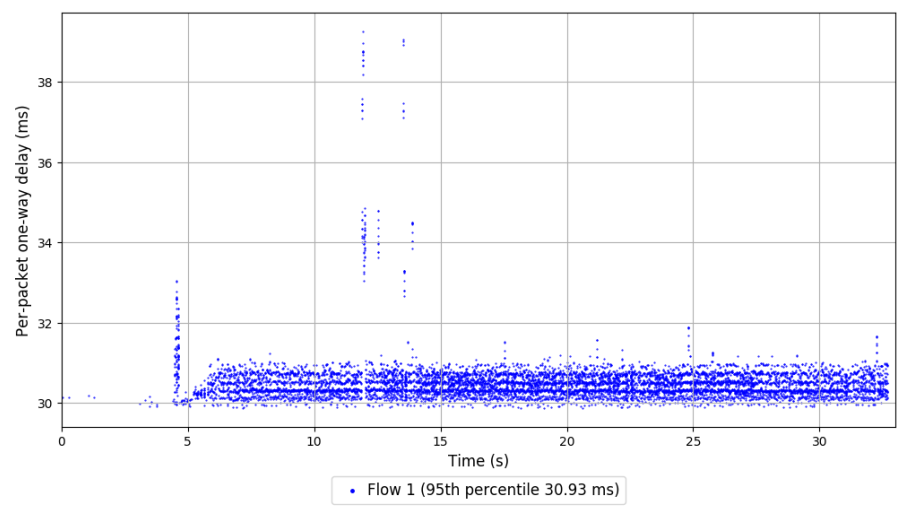
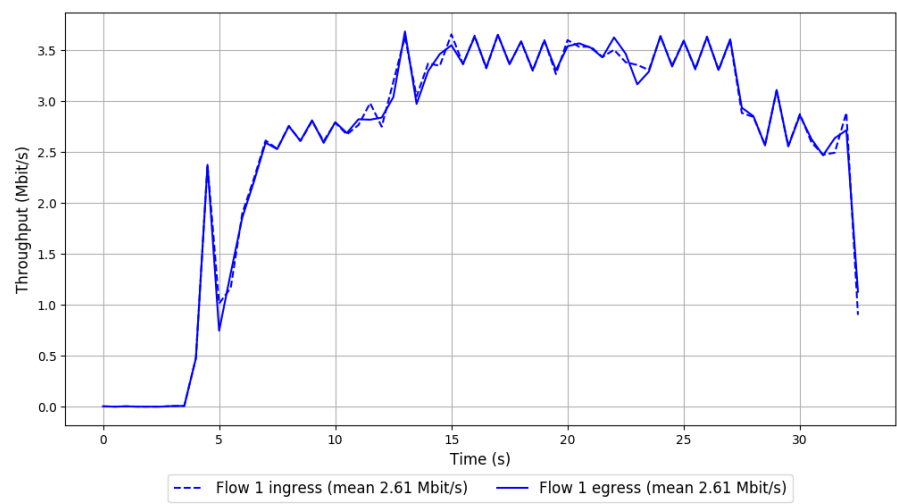


Run 6: Statistics of WebRTC media

Start at: 2017-12-05 14:35:07
End at: 2017-12-05 14:35:38
Local clock offset: -0.538 ms
Remote clock offset: -1.117 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 30.931 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 30.931 ms
Loss rate: 0.11%

Run 6: Report of WebRTC media — Data Link

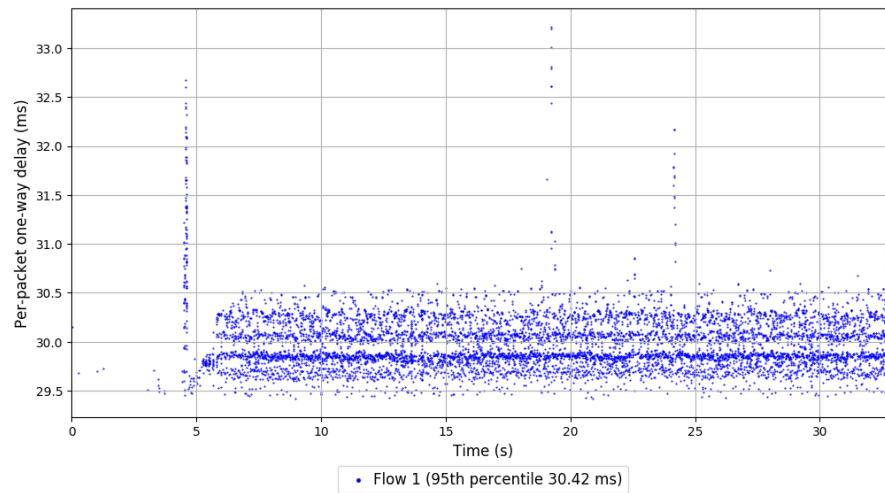
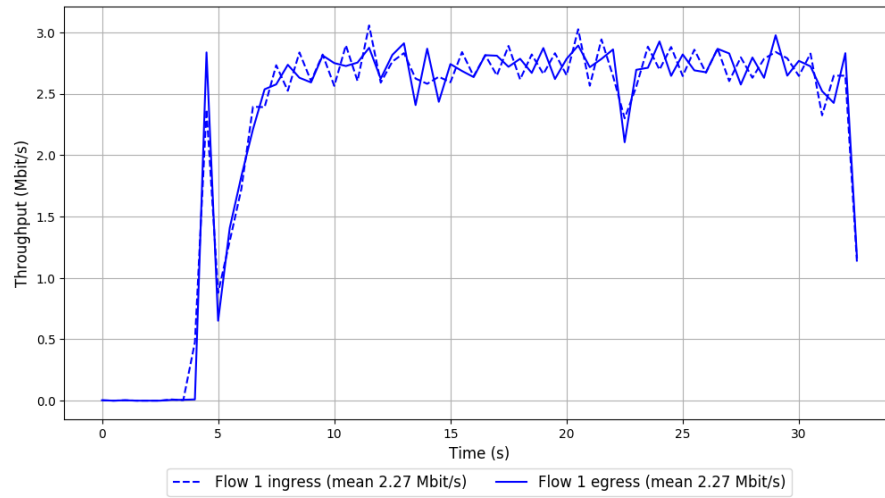


Run 7: Statistics of WebRTC media

Start at: 2017-12-05 14:54:45
End at: 2017-12-05 14:55:15
Local clock offset: -0.622 ms
Remote clock offset: -1.452 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.418 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.418 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

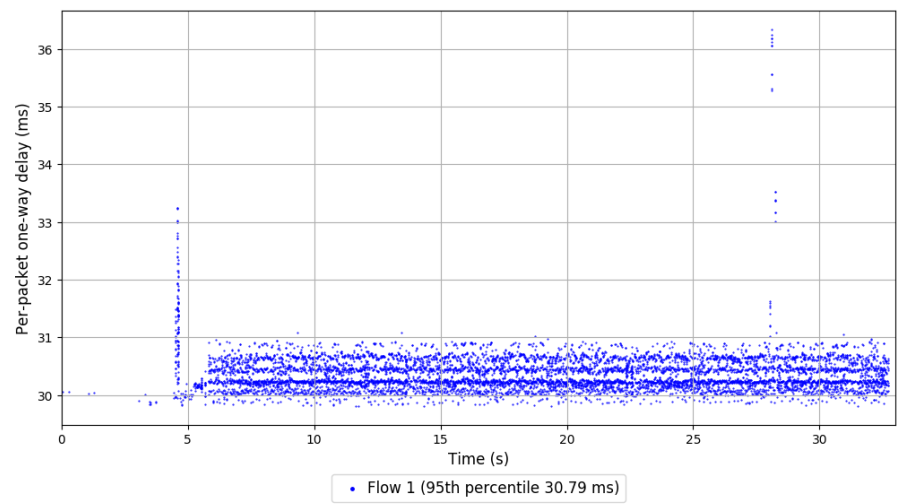
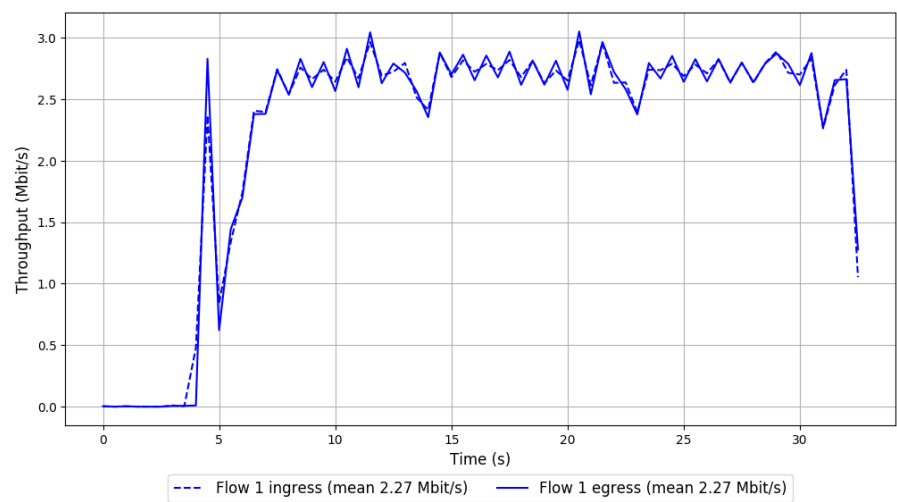


Run 8: Statistics of WebRTC media

Start at: 2017-12-05 15:13:52
End at: 2017-12-05 15:14:22
Local clock offset: -0.639 ms
Remote clock offset: -0.923 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.791 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 30.791 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

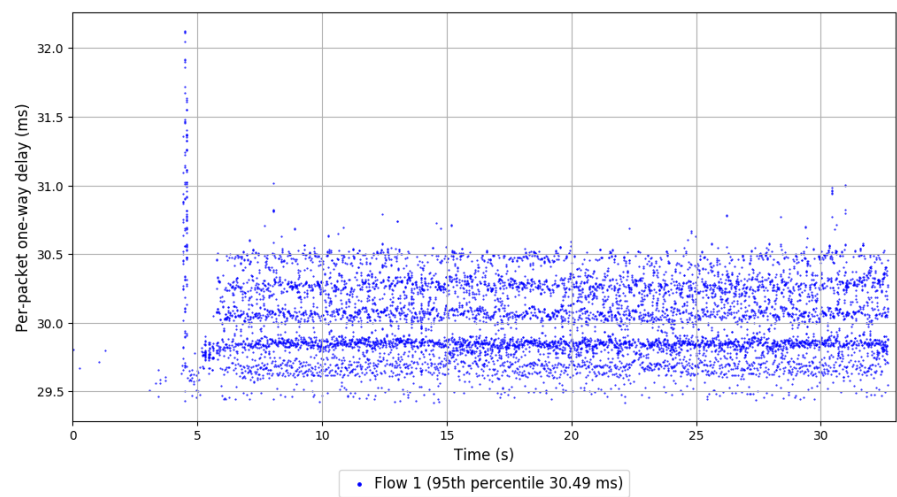
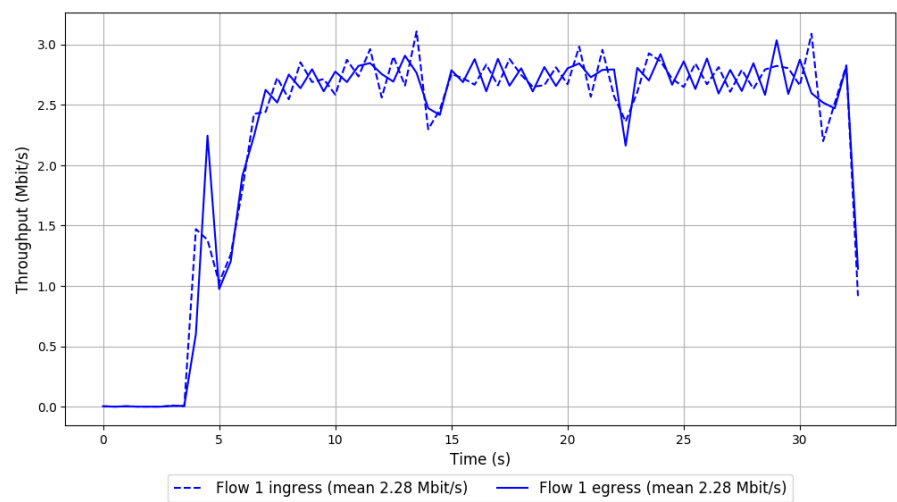


Run 9: Statistics of WebRTC media

Start at: 2017-12-05 15:33:22
End at: 2017-12-05 15:33:52
Local clock offset: -0.854 ms
Remote clock offset: -1.361 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 30.490 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 30.490 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

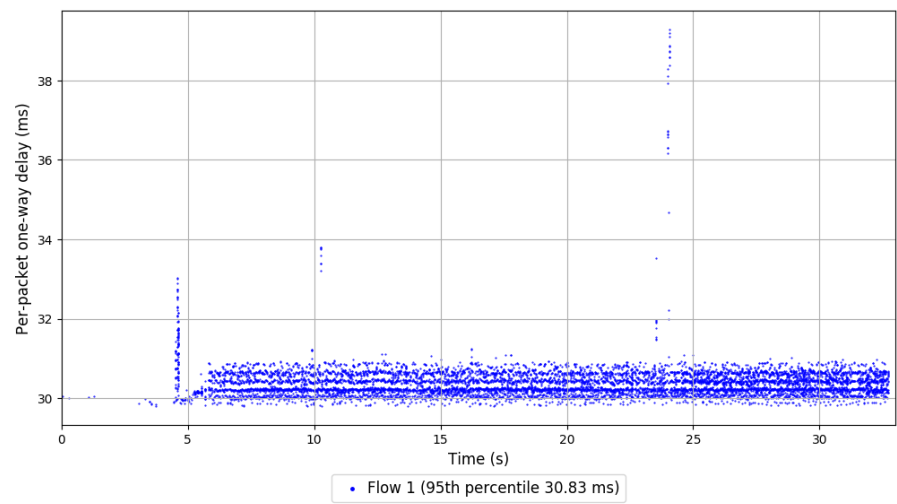
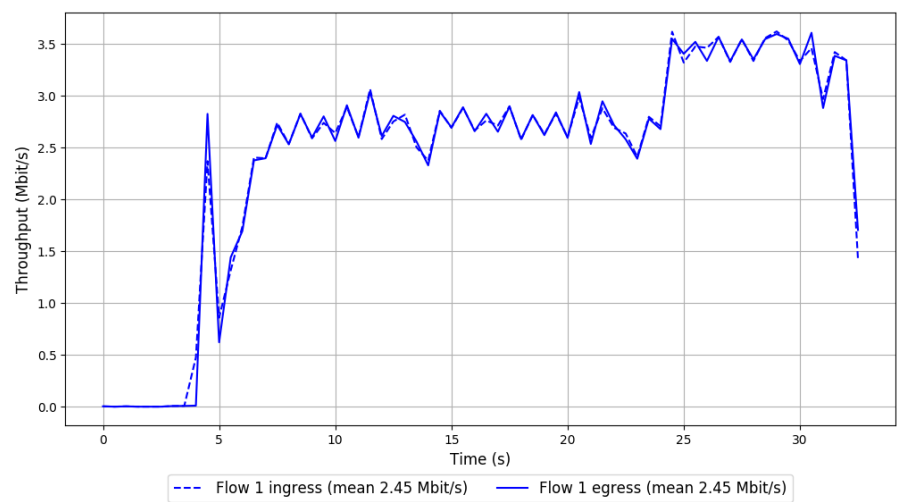


Run 10: Statistics of WebRTC media

Start at: 2017-12-05 15:52:49
End at: 2017-12-05 15:53:19
Local clock offset: -1.002 ms
Remote clock offset: -1.021 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 30.826 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 30.826 ms
Loss rate: 0.02%

Run 10: Report of WebRTC media — Data Link

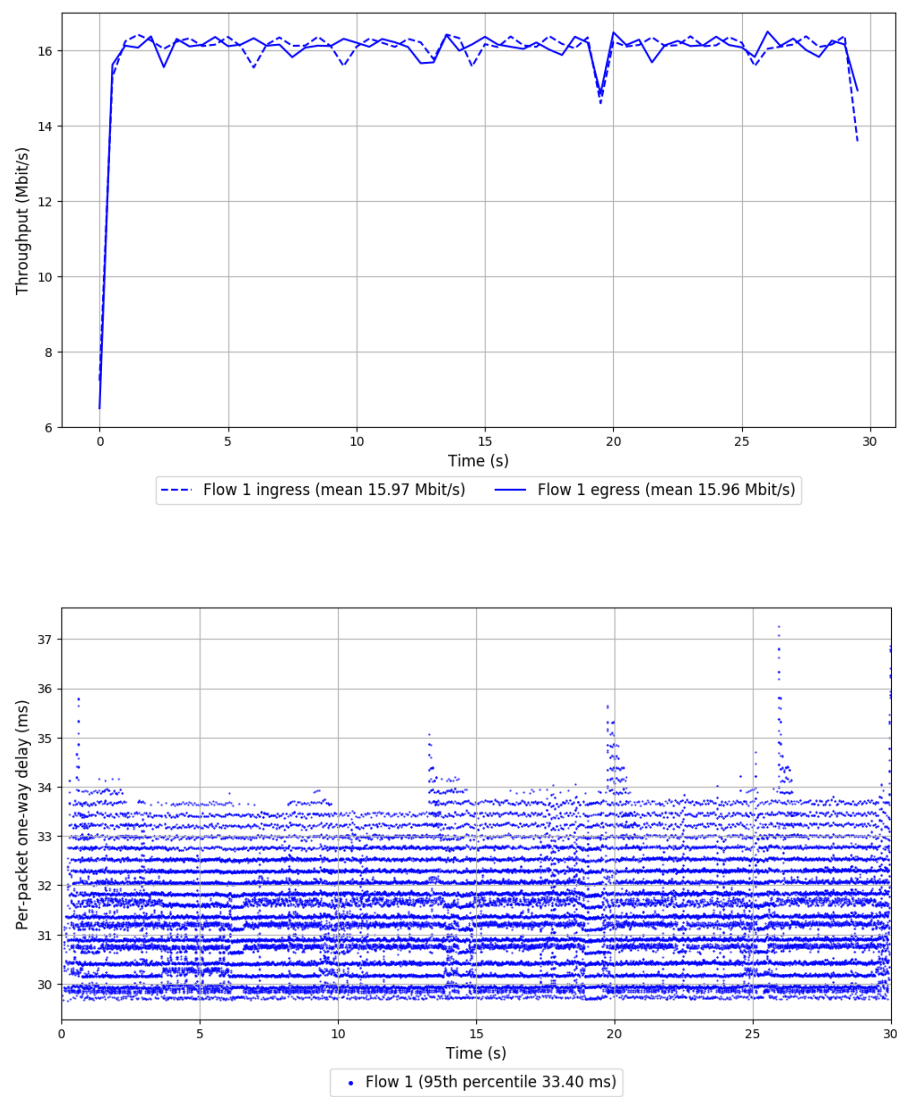


Run 1: Statistics of Sprout

Start at: 2017-12-05 12:54:37
End at: 2017-12-05 12:55:07
Local clock offset: 0.239 ms
Remote clock offset: -1.027 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 33.395 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 33.395 ms
Loss rate: 0.04%

Run 1: Report of Sprout — Data Link

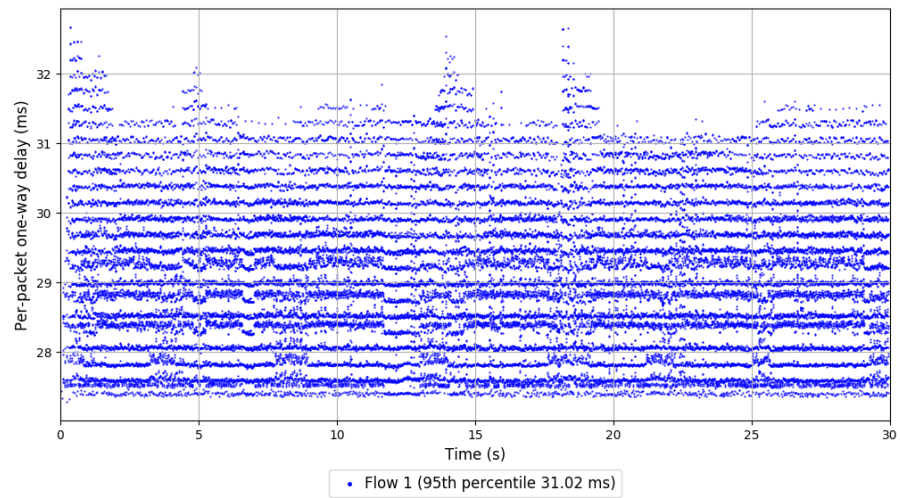
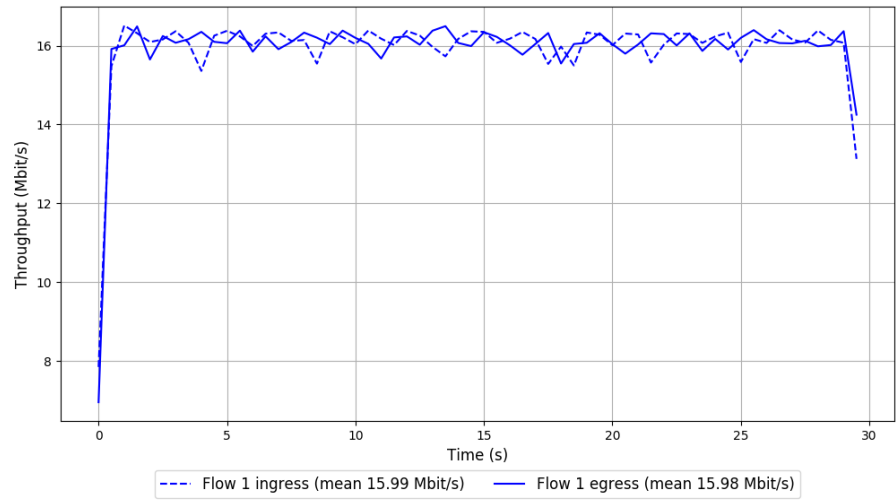


Run 2: Statistics of Sprout

Start at: 2017-12-05 13:13:29
End at: 2017-12-05 13:13:59
Local clock offset: 0.244 ms
Remote clock offset: -3.472 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 31.024 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 31.024 ms
Loss rate: 0.01%

Run 2: Report of Sprout — Data Link

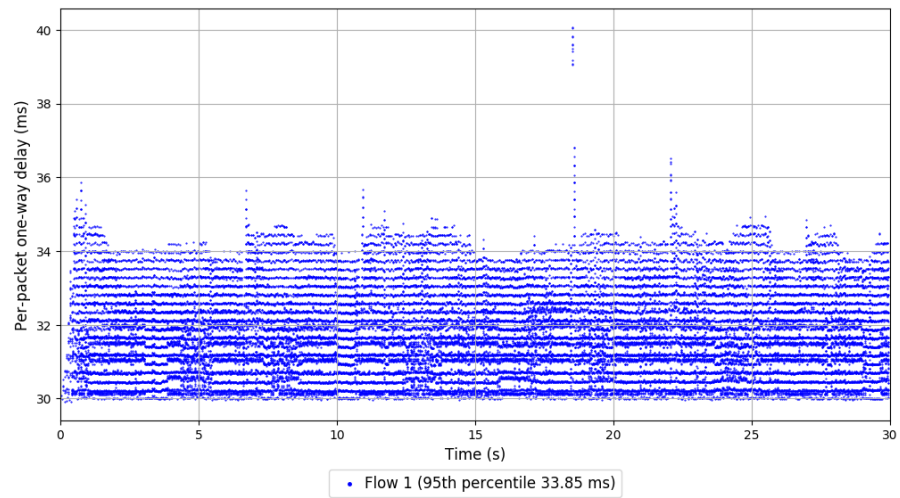
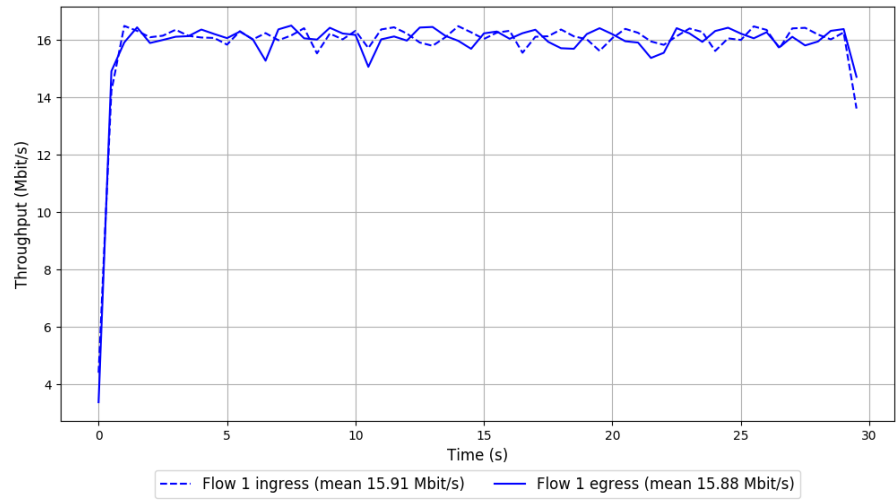


Run 3: Statistics of Sprout

Start at: 2017-12-05 13:32:43
End at: 2017-12-05 13:33:13
Local clock offset: 0.011 ms
Remote clock offset: -0.981 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 33.852 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 33.852 ms
Loss rate: 0.21%

Run 3: Report of Sprout — Data Link

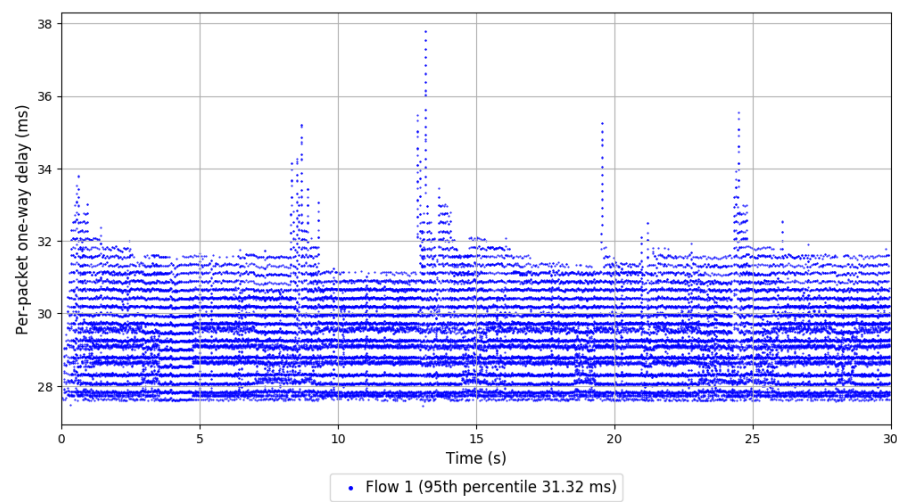
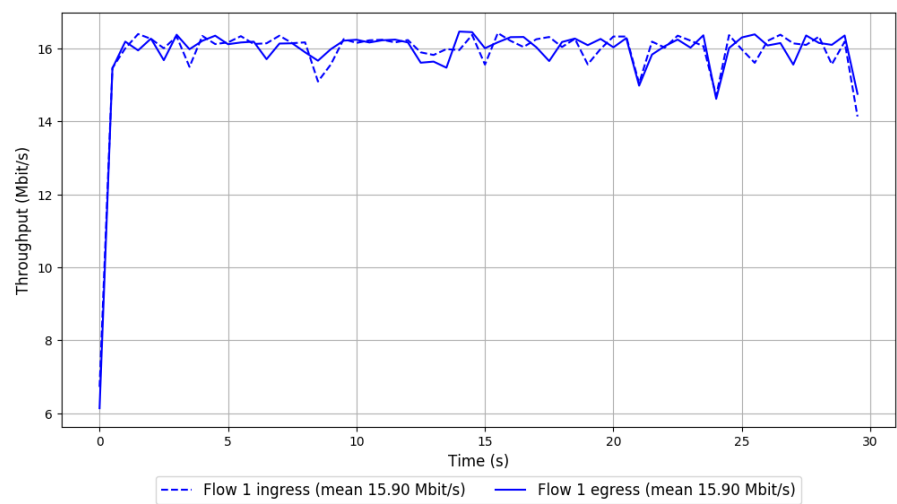


Run 4: Statistics of Sprout

Start at: 2017-12-05 13:51:28
End at: 2017-12-05 13:51:58
Local clock offset: -0.126 ms
Remote clock offset: -3.326 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.90 Mbit/s
95th percentile per-packet one-way delay: 31.316 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.90 Mbit/s
95th percentile per-packet one-way delay: 31.316 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

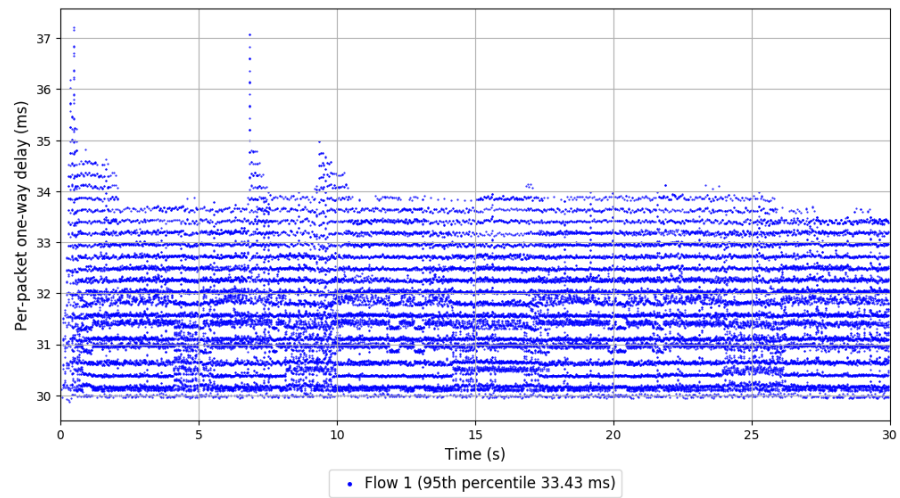
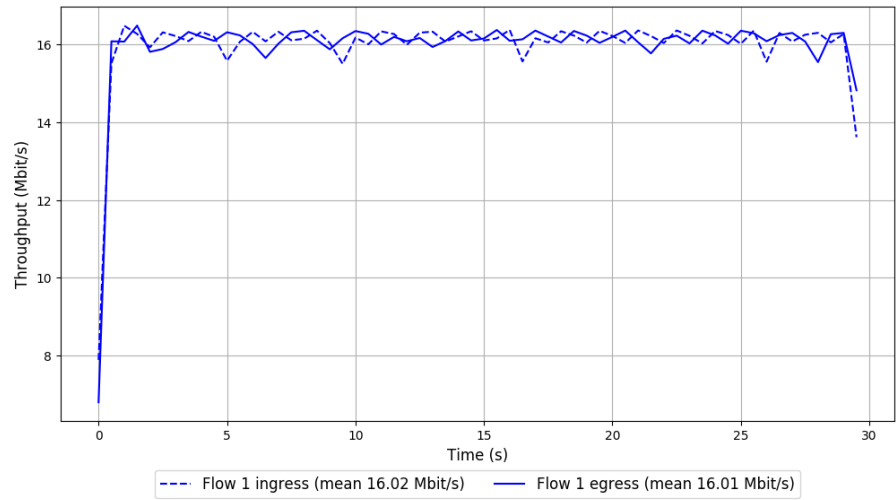


Run 5: Statistics of Sprout

Start at: 2017-12-05 14:10:27
End at: 2017-12-05 14:10:57
Local clock offset: -0.321 ms
Remote clock offset: -1.077 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.01 Mbit/s
95th percentile per-packet one-way delay: 33.432 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.01 Mbit/s
95th percentile per-packet one-way delay: 33.432 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

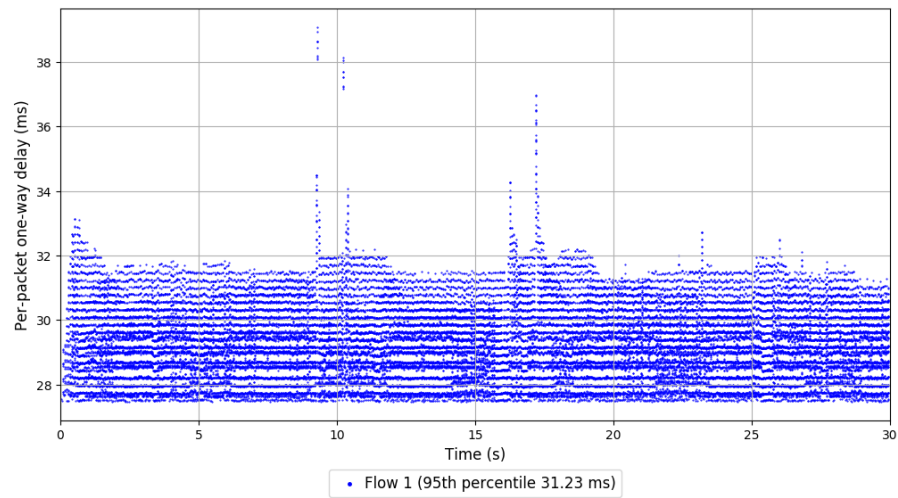
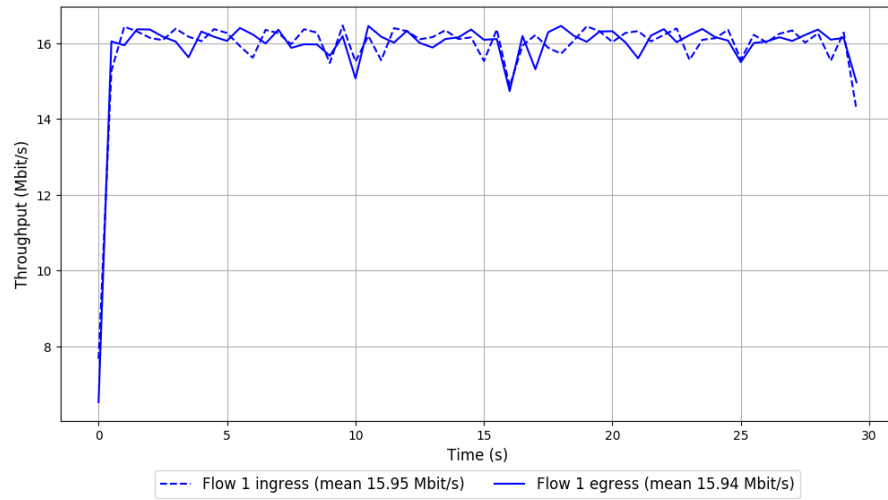


Run 6: Statistics of Sprout

Start at: 2017-12-05 14:29:39
End at: 2017-12-05 14:30:09
Local clock offset: -0.419 ms
Remote clock offset: -3.657 ms

Below is generated by plot.py at 2017-12-05 16:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 31.235 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 31.235 ms
Loss rate: 0.08%

Run 6: Report of Sprout — Data Link

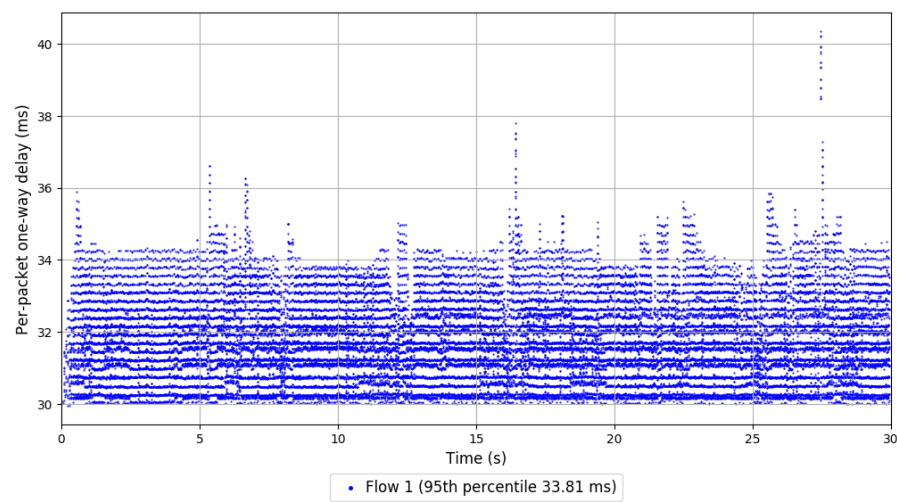
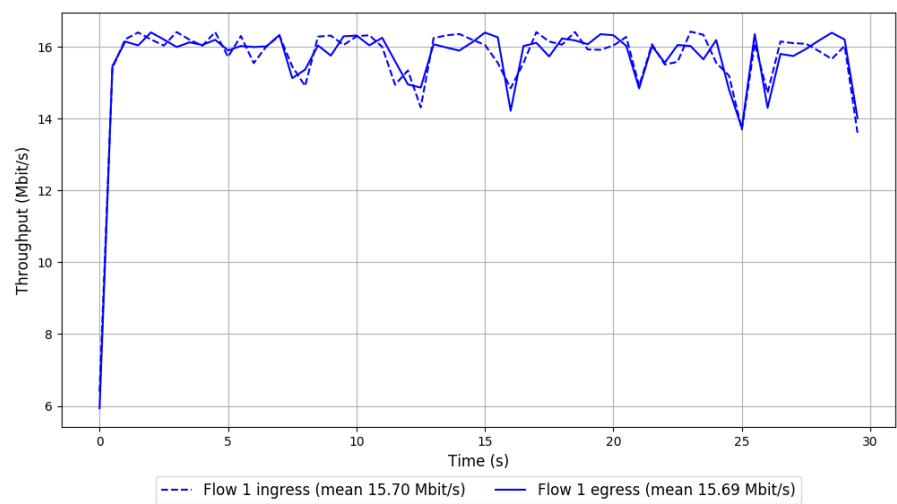


Run 7: Statistics of Sprout

Start at: 2017-12-05 14:49:10
End at: 2017-12-05 14:49:40
Local clock offset: -0.5 ms
Remote clock offset: -1.038 ms

Below is generated by plot.py at 2017-12-05 16:36:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.69 Mbit/s
95th percentile per-packet one-way delay: 33.815 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 15.69 Mbit/s
95th percentile per-packet one-way delay: 33.815 ms
Loss rate: 0.05%

Run 7: Report of Sprout — Data Link

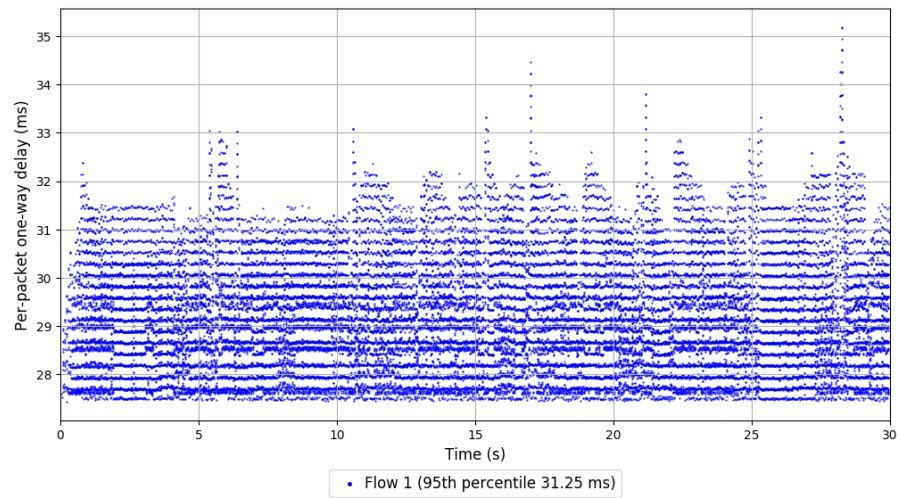
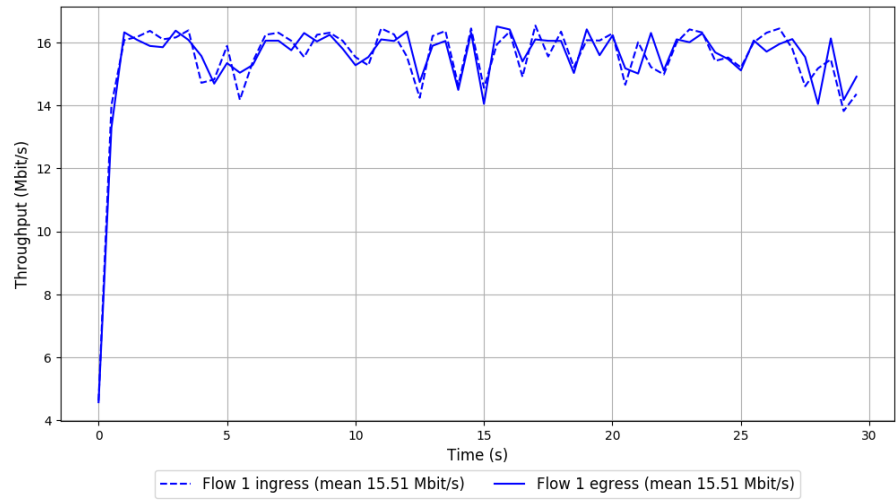


Run 8: Statistics of Sprout

Start at: 2017-12-05 15:08:27
End at: 2017-12-05 15:08:57
Local clock offset: -0.586 ms
Remote clock offset: -3.471 ms

Below is generated by plot.py at 2017-12-05 16:36:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.51 Mbit/s
95th percentile per-packet one-way delay: 31.246 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.51 Mbit/s
95th percentile per-packet one-way delay: 31.246 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

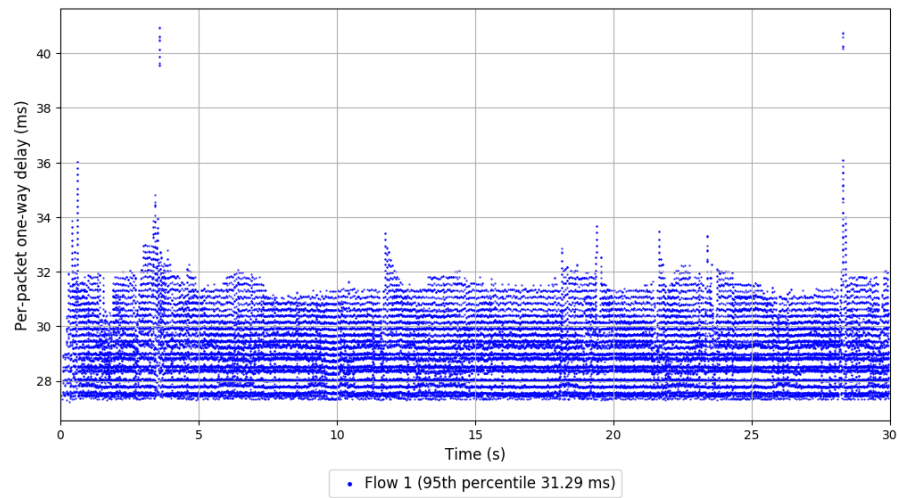
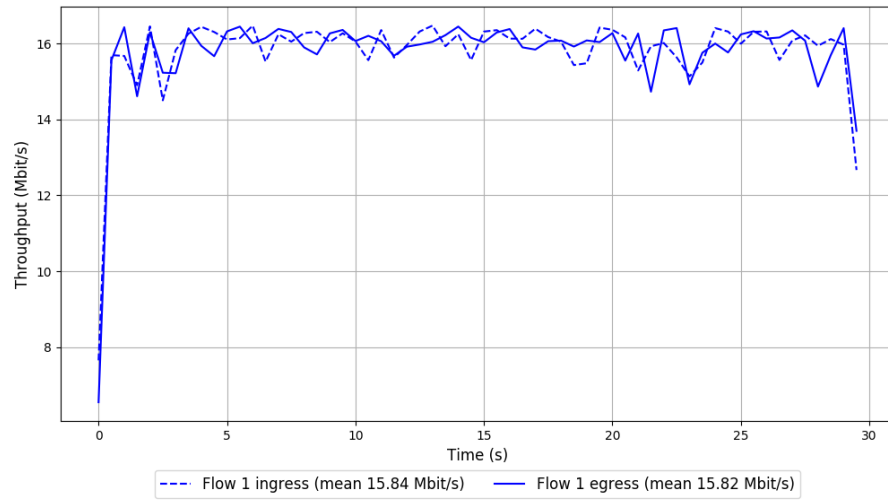


Run 9: Statistics of Sprout

Start at: 2017-12-05 15:27:51
End at: 2017-12-05 15:28:21
Local clock offset: -0.73 ms
Remote clock offset: -3.603 ms

Below is generated by plot.py at 2017-12-05 16:36:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: 31.288 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: 31.288 ms
Loss rate: 0.10%

Run 9: Report of Sprout — Data Link

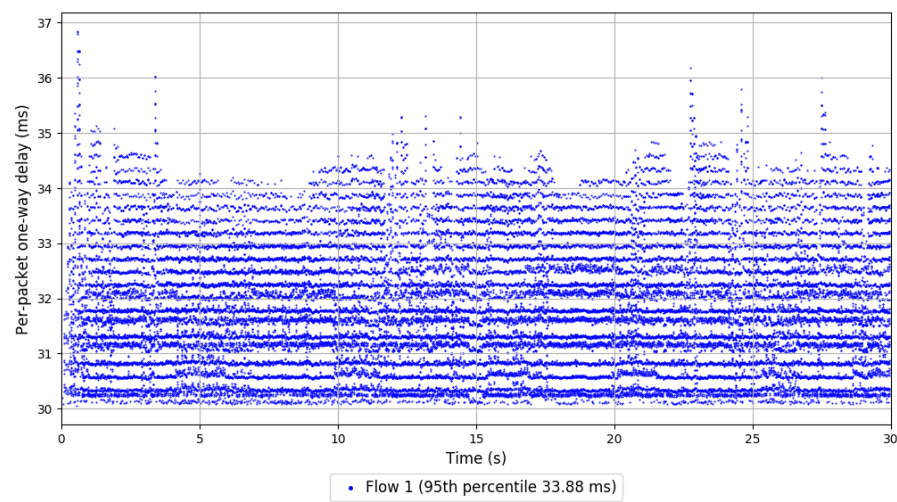
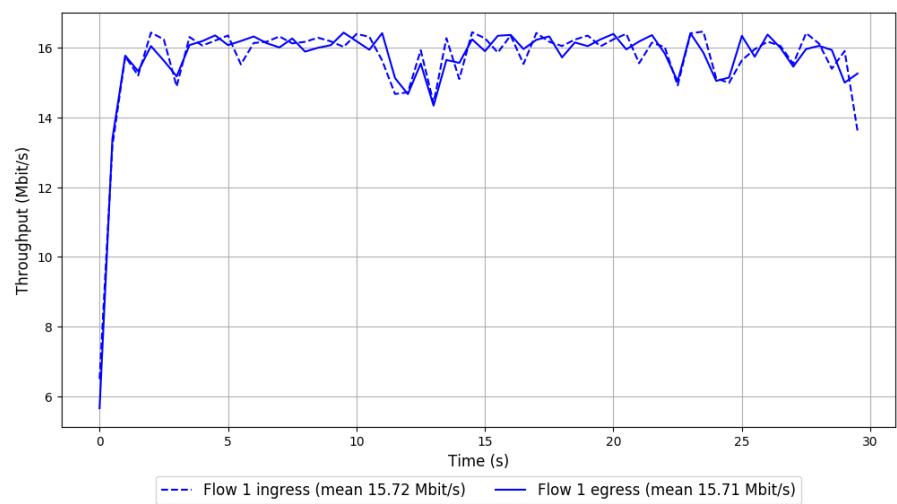


Run 10: Statistics of Sprout

Start at: 2017-12-05 15:47:17
End at: 2017-12-05 15:47:47
Local clock offset: -0.963 ms
Remote clock offset: -0.936 ms

Below is generated by plot.py at 2017-12-05 16:36:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.71 Mbit/s
95th percentile per-packet one-way delay: 33.884 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.71 Mbit/s
95th percentile per-packet one-way delay: 33.884 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-12-05 13:10:45

End at: 2017-12-05 13:11:15

Local clock offset: 0.176 ms

Remote clock offset: -3.473 ms

Below is generated by plot.py at 2017-12-05 16:37:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.49 Mbit/s

95th percentile per-packet one-way delay: 39.444 ms

Loss rate: 0.03%

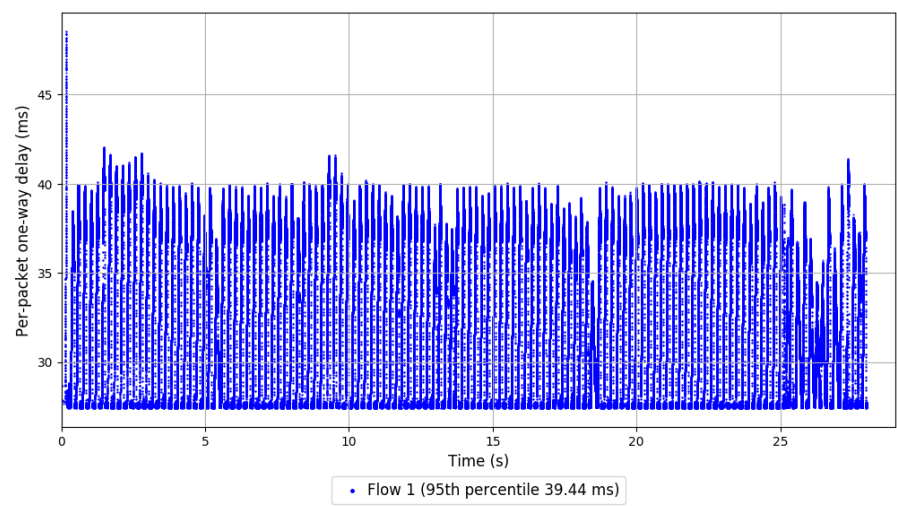
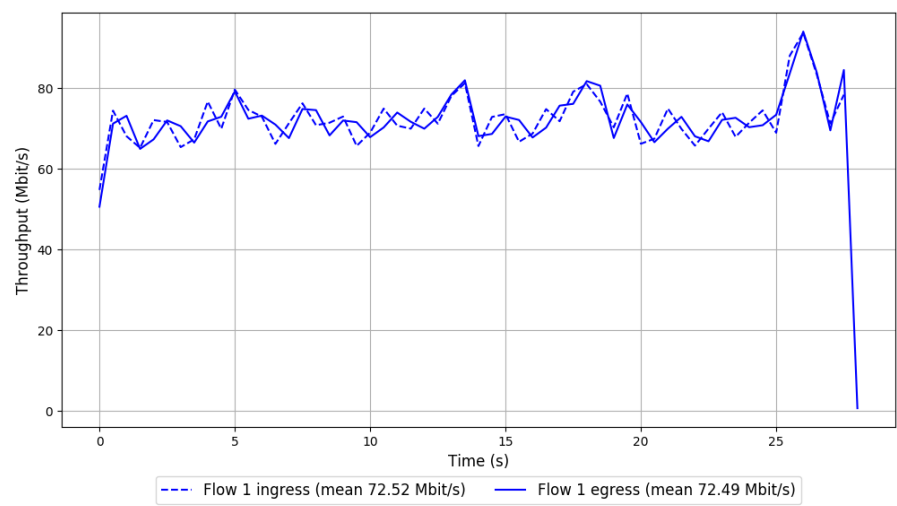
-- Flow 1:

Average throughput: 72.49 Mbit/s

95th percentile per-packet one-way delay: 39.444 ms

Loss rate: 0.03%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-12-05 13:29:59

End at: 2017-12-05 13:30:29

Local clock offset: 0.038 ms

Remote clock offset: -1.382 ms

Below is generated by plot.py at 2017-12-05 16:37:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.98 Mbit/s

95th percentile per-packet one-way delay: 41.344 ms

Loss rate: 0.08%

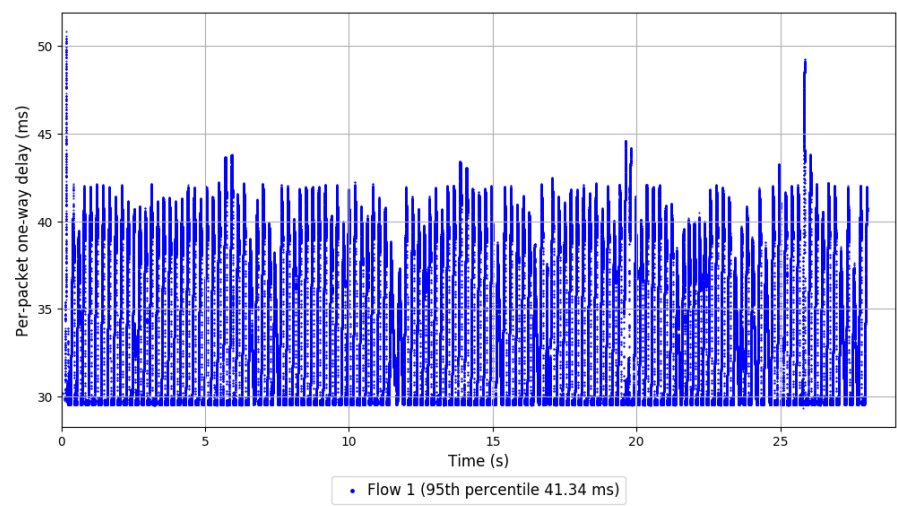
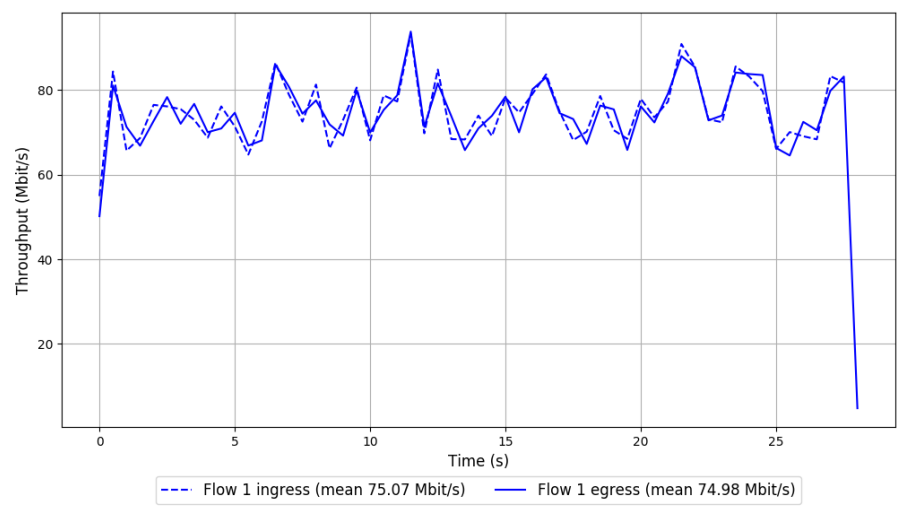
-- Flow 1:

Average throughput: 74.98 Mbit/s

95th percentile per-packet one-way delay: 41.344 ms

Loss rate: 0.08%

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

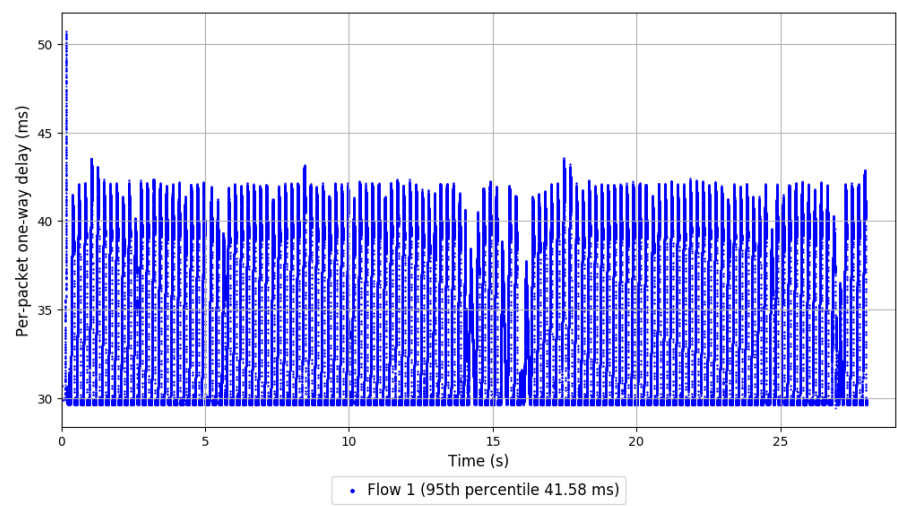
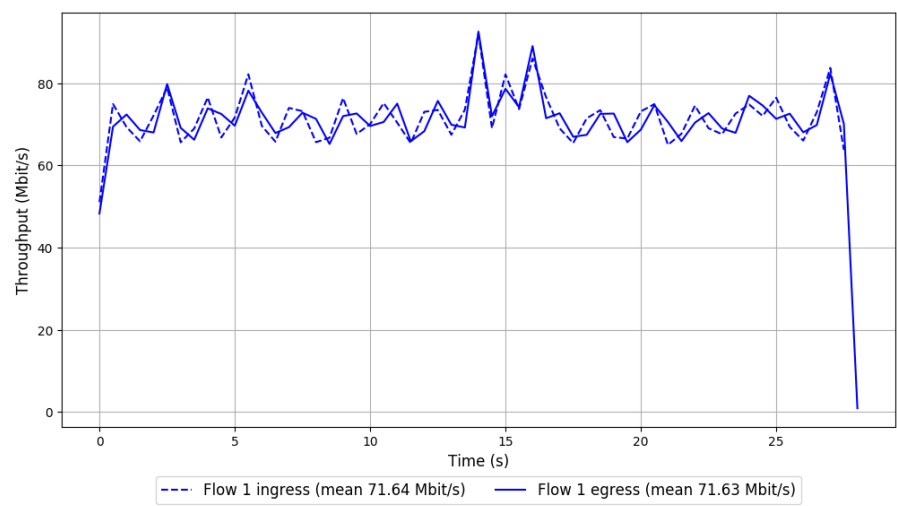


Run 3: Statistics of TaoVA-100x

Start at: 2017-12-05 13:48:45
End at: 2017-12-05 13:49:15
Local clock offset: -0.083 ms
Remote clock offset: -1.253 ms

Below is generated by plot.py at 2017-12-05 16:37:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.63 Mbit/s
95th percentile per-packet one-way delay: 41.580 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 71.63 Mbit/s
95th percentile per-packet one-way delay: 41.580 ms
Loss rate: 0.03%

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

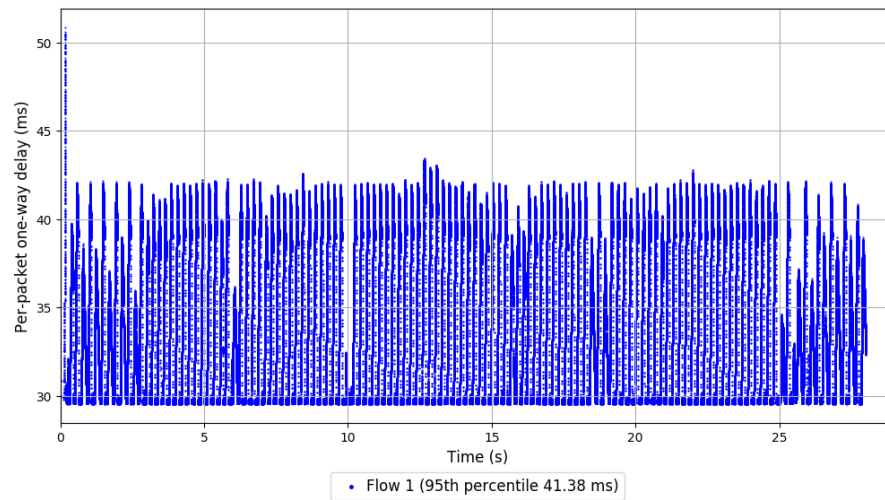
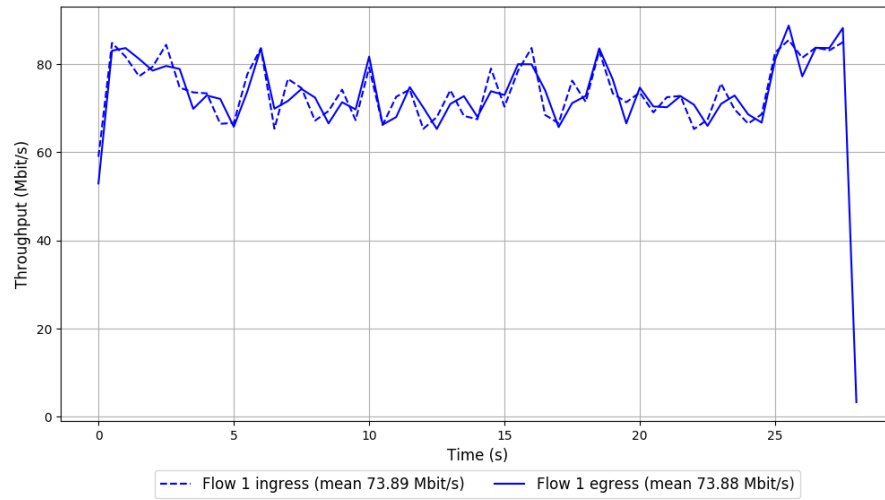


Run 4: Statistics of TaoVA-100x

Start at: 2017-12-05 14:07:41
End at: 2017-12-05 14:08:11
Local clock offset: -0.371 ms
Remote clock offset: -1.502 ms

Below is generated by plot.py at 2017-12-05 16:37:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.88 Mbit/s
95th percentile per-packet one-way delay: 41.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.88 Mbit/s
95th percentile per-packet one-way delay: 41.378 ms
Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-12-05 14:26:54

End at: 2017-12-05 14:27:24

Local clock offset: -0.491 ms

Remote clock offset: -1.497 ms

Below is generated by plot.py at 2017-12-05 16:38:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.19 Mbit/s

95th percentile per-packet one-way delay: 41.199 ms

Loss rate: 0.01%

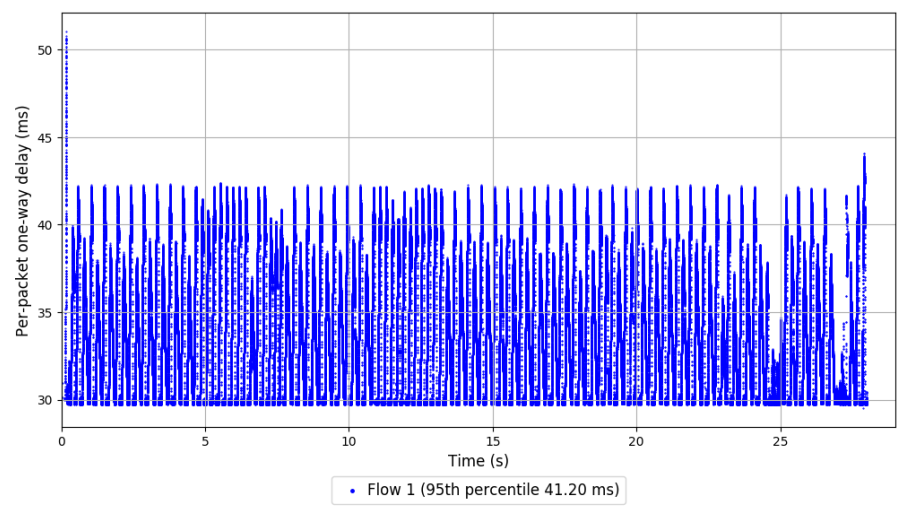
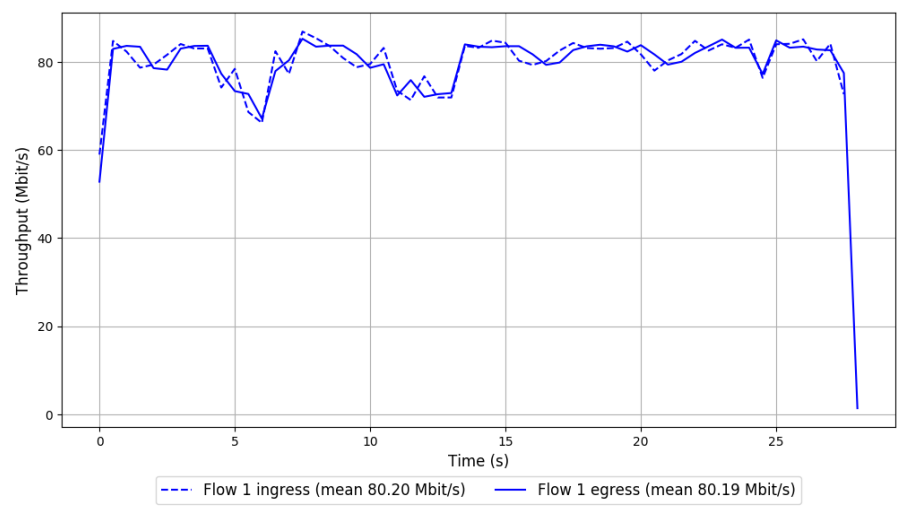
-- Flow 1:

Average throughput: 80.19 Mbit/s

95th percentile per-packet one-way delay: 41.199 ms

Loss rate: 0.01%

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

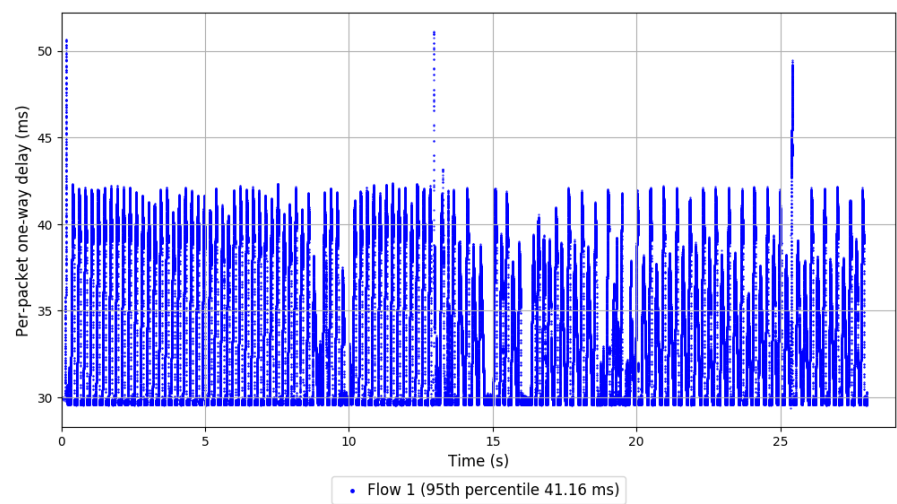
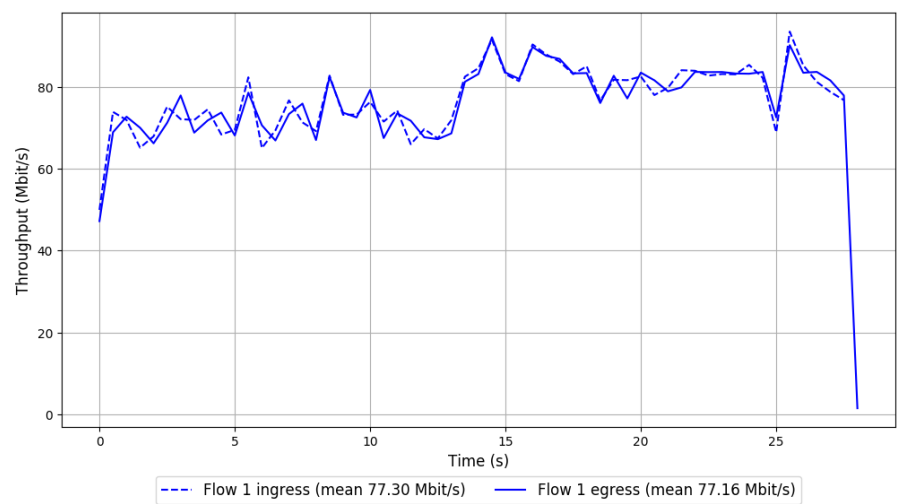


Run 6: Statistics of TaoVA-100x

Start at: 2017-12-05 14:46:20
End at: 2017-12-05 14:46:50
Local clock offset: -0.494 ms
Remote clock offset: -1.494 ms

Below is generated by plot.py at 2017-12-05 16:38:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.16 Mbit/s
95th percentile per-packet one-way delay: 41.164 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 77.16 Mbit/s
95th percentile per-packet one-way delay: 41.164 ms
Loss rate: 0.18%

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

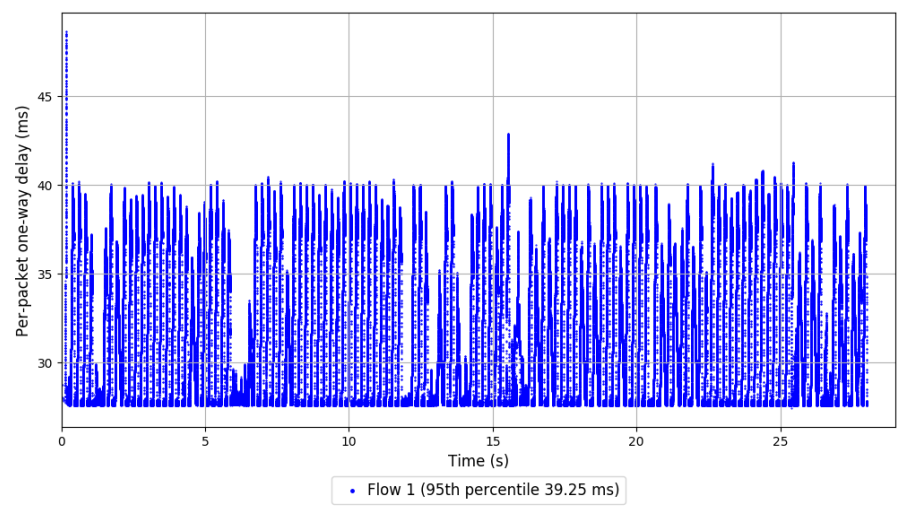
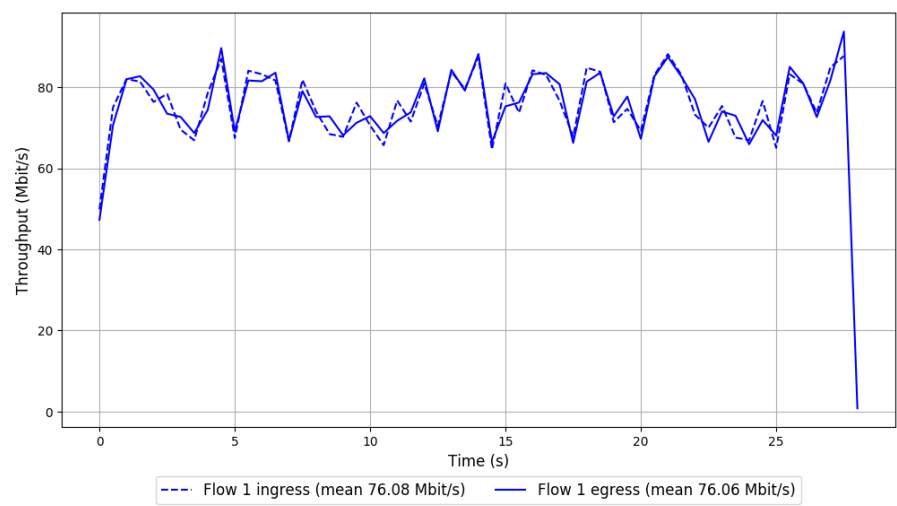


Run 7: Statistics of TaoVA-100x

Start at: 2017-12-05 15:05:43
End at: 2017-12-05 15:06:13
Local clock offset: -0.679 ms
Remote clock offset: -3.492 ms

Below is generated by plot.py at 2017-12-05 16:38:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.06 Mbit/s
95th percentile per-packet one-way delay: 39.252 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 76.06 Mbit/s
95th percentile per-packet one-way delay: 39.252 ms
Loss rate: 0.03%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-12-05 15:24:50

End at: 2017-12-05 15:25:20

Local clock offset: -0.81 ms

Remote clock offset: -0.858 ms

Below is generated by plot.py at 2017-12-05 16:38:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.54 Mbit/s

95th percentile per-packet one-way delay: 41.388 ms

Loss rate: 0.10%

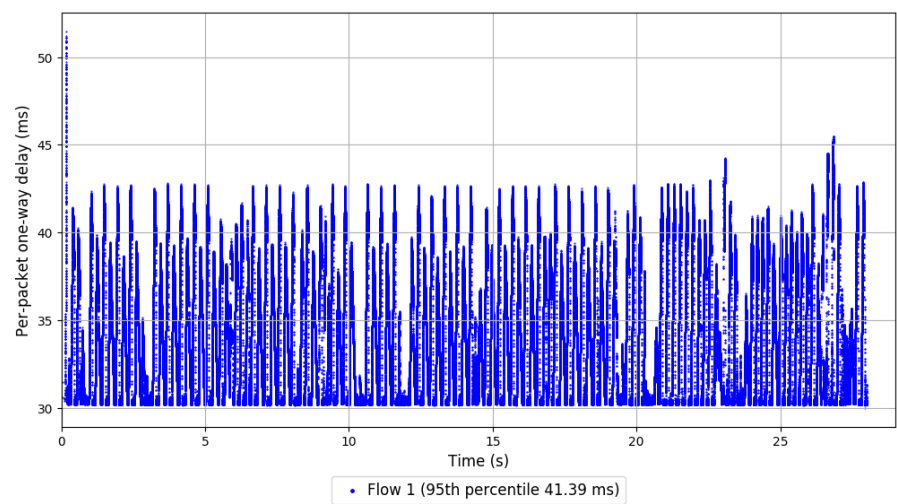
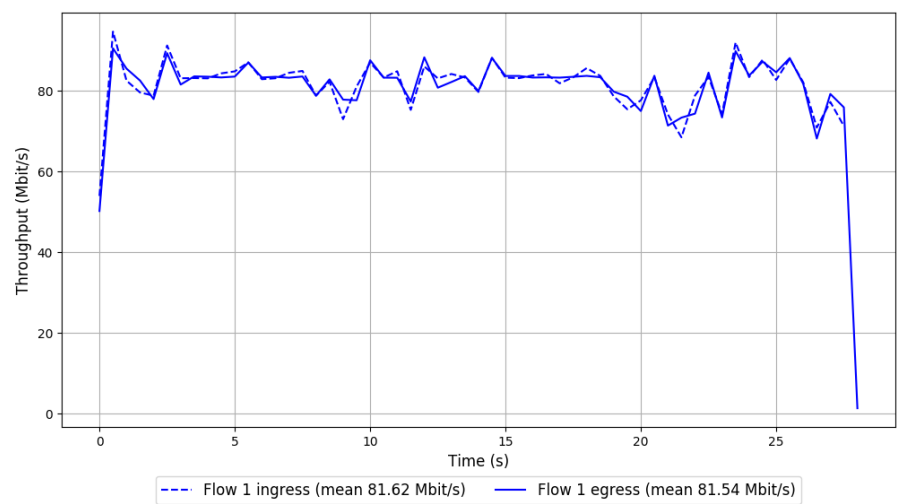
-- Flow 1:

Average throughput: 81.54 Mbit/s

95th percentile per-packet one-way delay: 41.388 ms

Loss rate: 0.10%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-12-05 15:44:26

End at: 2017-12-05 15:44:56

Local clock offset: -0.85 ms

Remote clock offset: -1.403 ms

Below is generated by plot.py at 2017-12-05 16:39:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.37 Mbit/s

95th percentile per-packet one-way delay: 40.537 ms

Loss rate: 0.10%

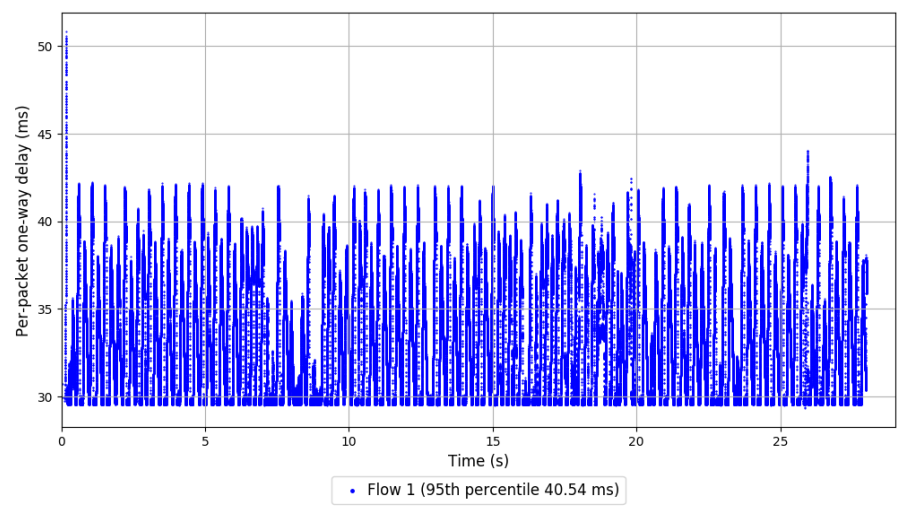
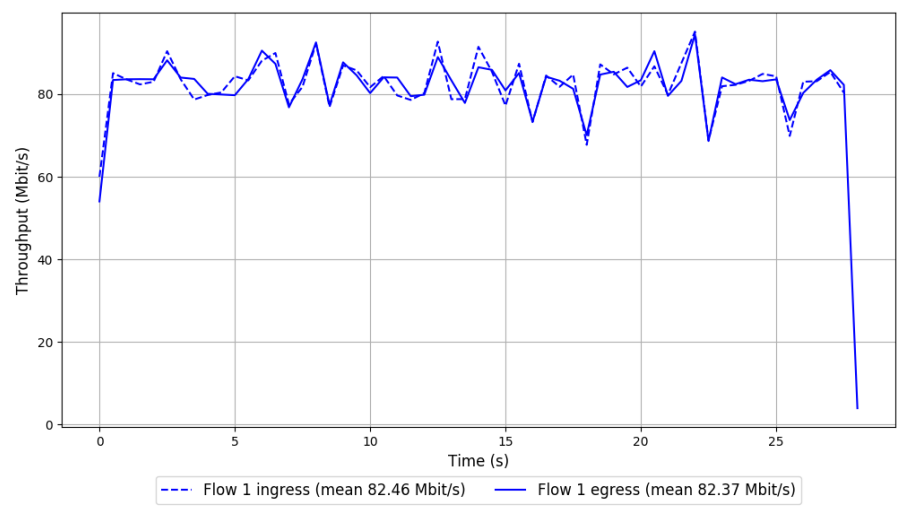
-- Flow 1:

Average throughput: 82.37 Mbit/s

95th percentile per-packet one-way delay: 40.537 ms

Loss rate: 0.10%

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

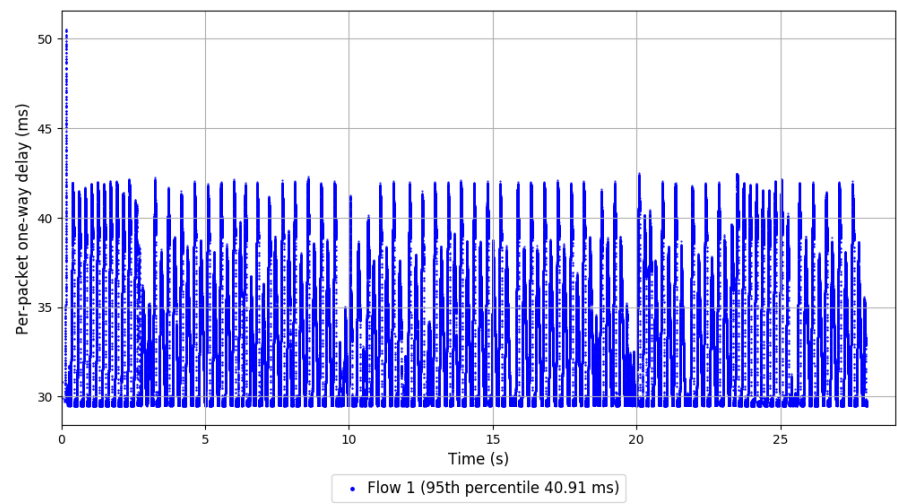
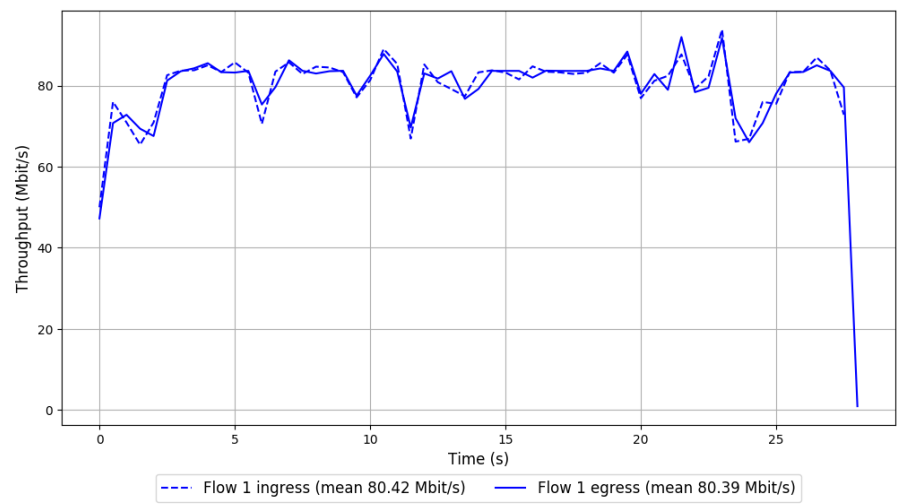


Run 10: Statistics of TaoVA-100x

Start at: 2017-12-05 16:04:00
End at: 2017-12-05 16:04:30
Local clock offset: -0.994 ms
Remote clock offset: -1.451 ms

Below is generated by plot.py at 2017-12-05 16:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.39 Mbit/s
95th percentile per-packet one-way delay: 40.906 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 80.39 Mbit/s
95th percentile per-packet one-way delay: 40.906 ms
Loss rate: 0.04%

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

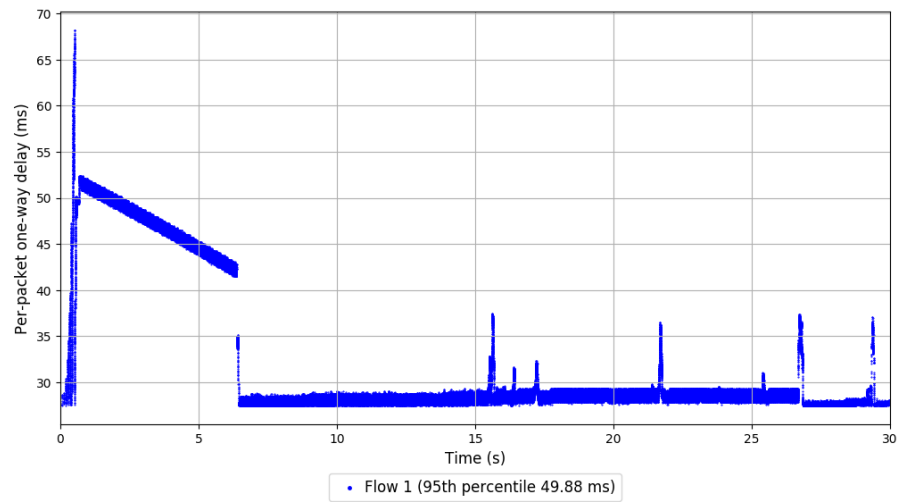
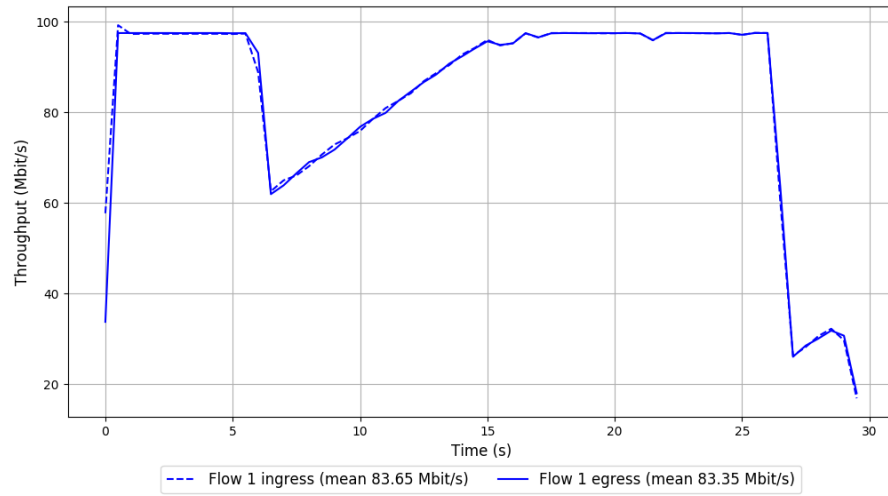


Run 1: Statistics of TCP Vegas

Start at: 2017-12-05 13:05:21
End at: 2017-12-05 13:05:51
Local clock offset: 0.286 ms
Remote clock offset: -3.331 ms

Below is generated by plot.py at 2017-12-05 16:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.35 Mbit/s
95th percentile per-packet one-way delay: 49.875 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 83.35 Mbit/s
95th percentile per-packet one-way delay: 49.875 ms
Loss rate: 0.37%

Run 1: Report of TCP Vegas — Data Link

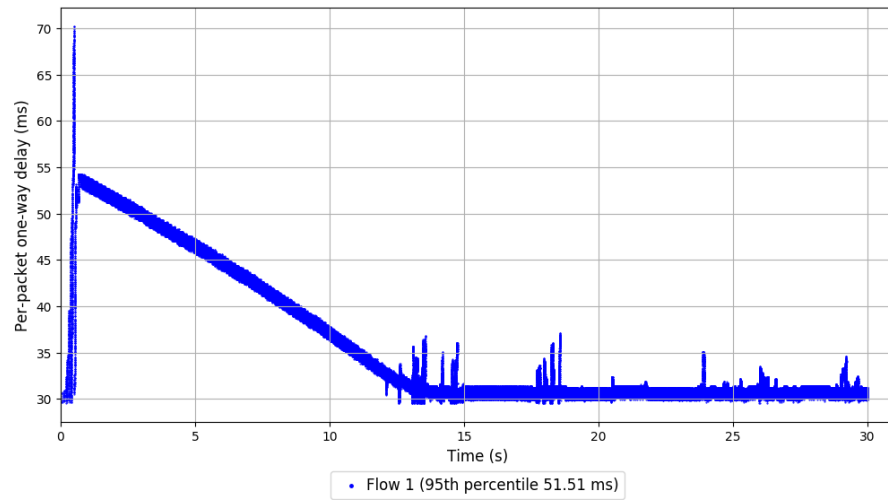
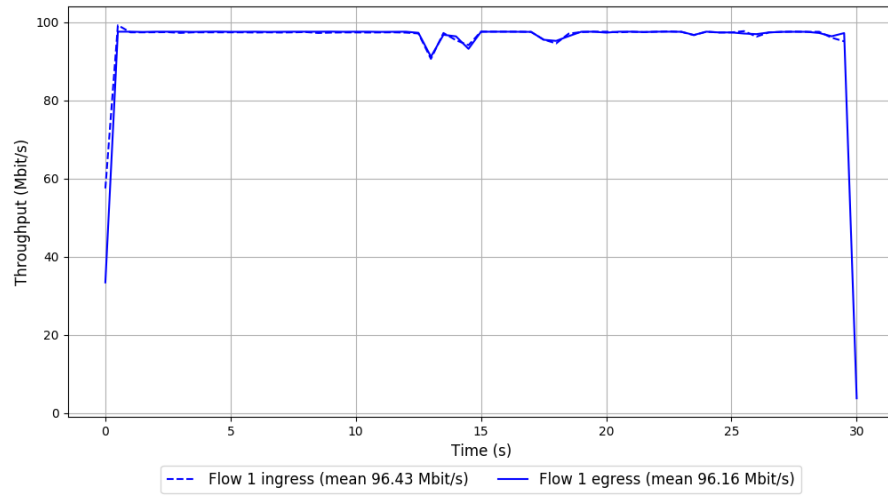


Run 2: Statistics of TCP Vegas

Start at: 2017-12-05 13:24:27
End at: 2017-12-05 13:24:57
Local clock offset: 0.097 ms
Remote clock offset: -1.297 ms

Below is generated by plot.py at 2017-12-05 16:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 51.511 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 51.511 ms
Loss rate: 0.27%

Run 2: Report of TCP Vegas — Data Link

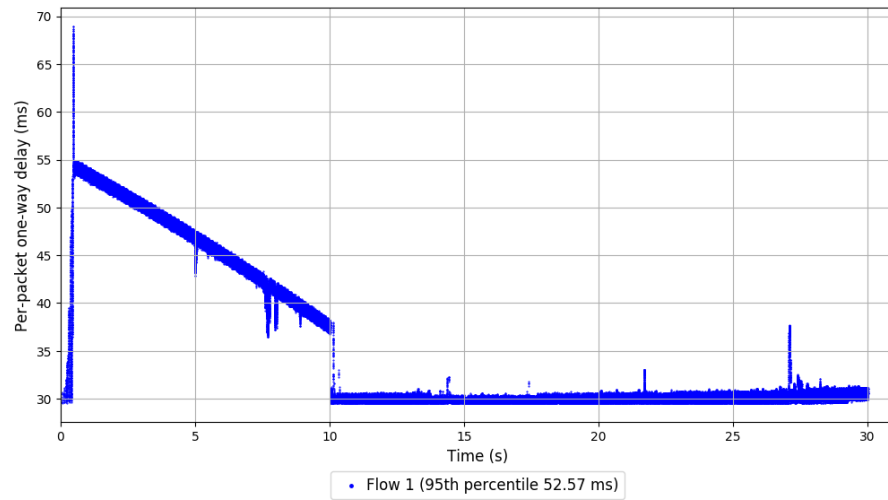
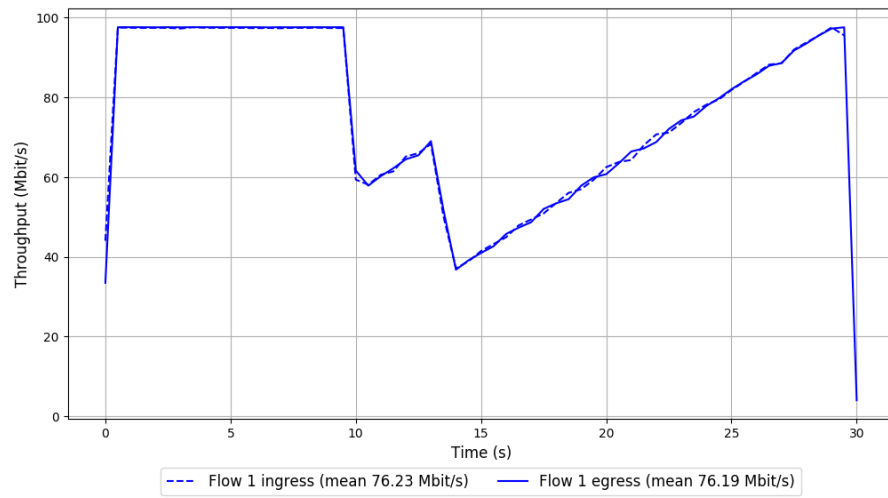


Run 3: Statistics of TCP Vegas

Start at: 2017-12-05 13:43:19
End at: 2017-12-05 13:43:49
Local clock offset: -0.123 ms
Remote clock offset: -1.464 ms

Below is generated by plot.py at 2017-12-05 16:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.19 Mbit/s
95th percentile per-packet one-way delay: 52.566 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 76.19 Mbit/s
95th percentile per-packet one-way delay: 52.566 ms
Loss rate: 0.04%

Run 3: Report of TCP Vegas — Data Link

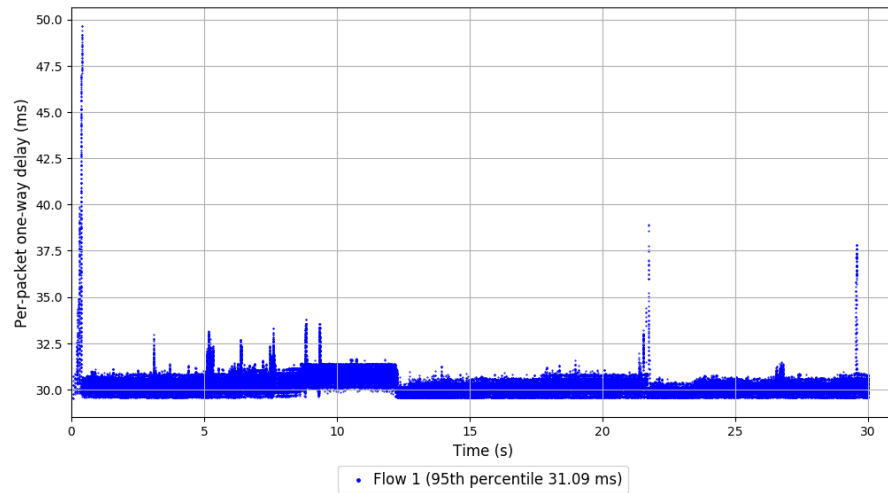
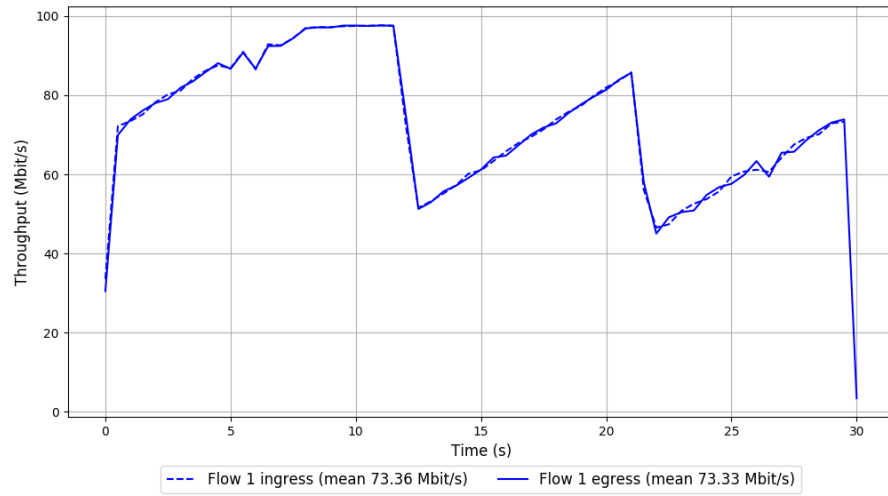


Run 4: Statistics of TCP Vegas

Start at: 2017-12-05 14:02:09
End at: 2017-12-05 14:02:39
Local clock offset: -0.33 ms
Remote clock offset: -1.468 ms

Below is generated by plot.py at 2017-12-05 16:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.33 Mbit/s
95th percentile per-packet one-way delay: 31.092 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 73.33 Mbit/s
95th percentile per-packet one-way delay: 31.092 ms
Loss rate: 0.03%

Run 4: Report of TCP Vegas — Data Link

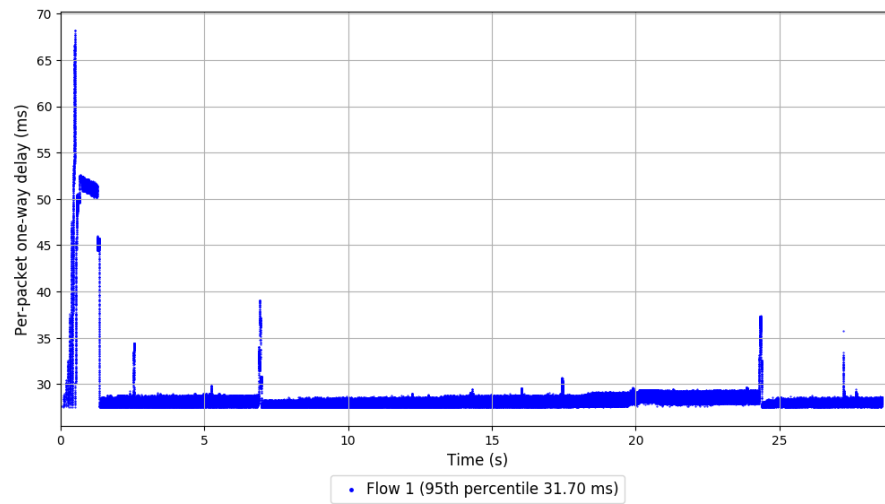
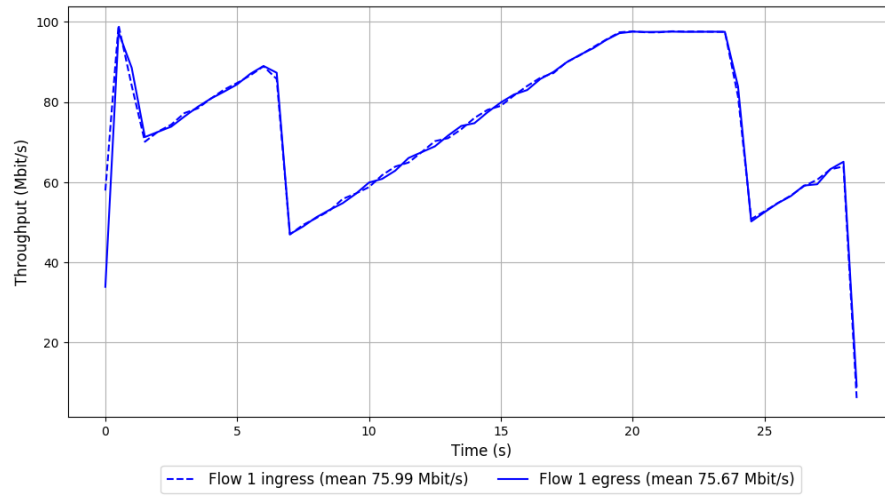


Run 5: Statistics of TCP Vegas

Start at: 2017-12-05 14:21:28
End at: 2017-12-05 14:21:58
Local clock offset: -0.474 ms
Remote clock offset: -3.674 ms

Below is generated by plot.py at 2017-12-05 16:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.67 Mbit/s
95th percentile per-packet one-way delay: 31.697 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 75.67 Mbit/s
95th percentile per-packet one-way delay: 31.697 ms
Loss rate: 0.42%

Run 5: Report of TCP Vegas — Data Link

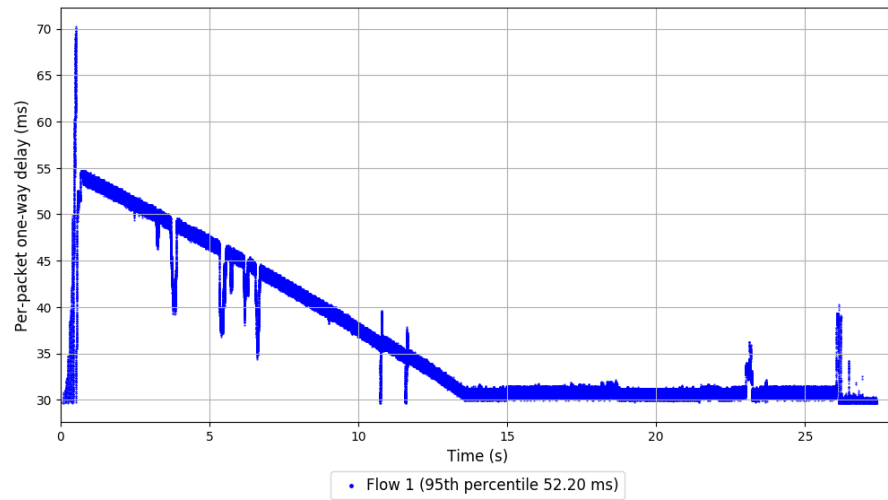
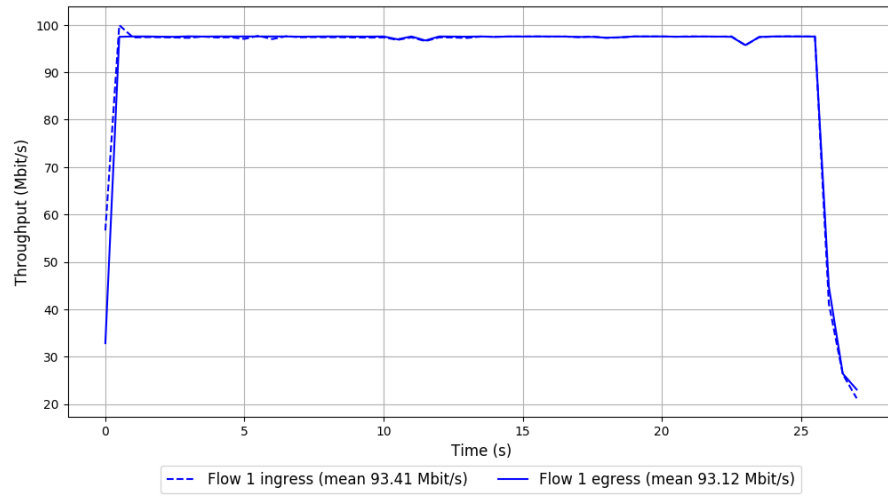


Run 6: Statistics of TCP Vegas

Start at: 2017-12-05 14:40:36
End at: 2017-12-05 14:41:06
Local clock offset: -0.548 ms
Remote clock offset: -1.571 ms

Below is generated by plot.py at 2017-12-05 16:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 52.202 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 52.202 ms
Loss rate: 0.32%

Run 6: Report of TCP Vegas — Data Link

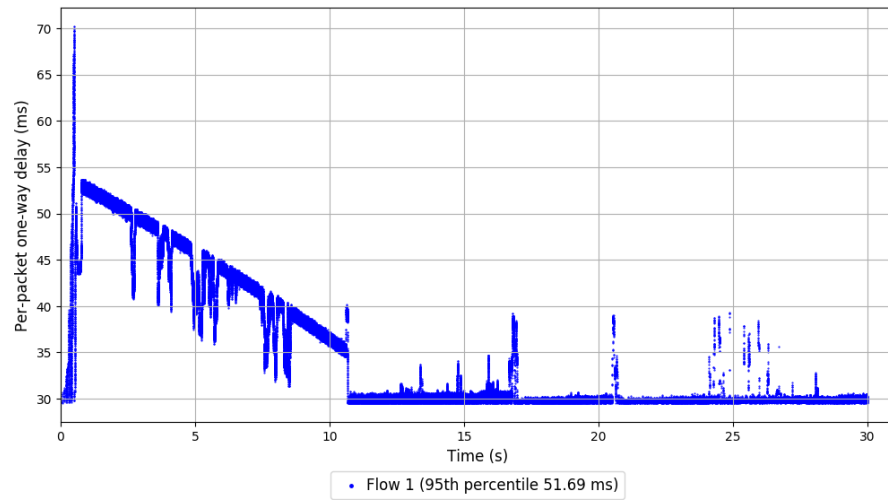
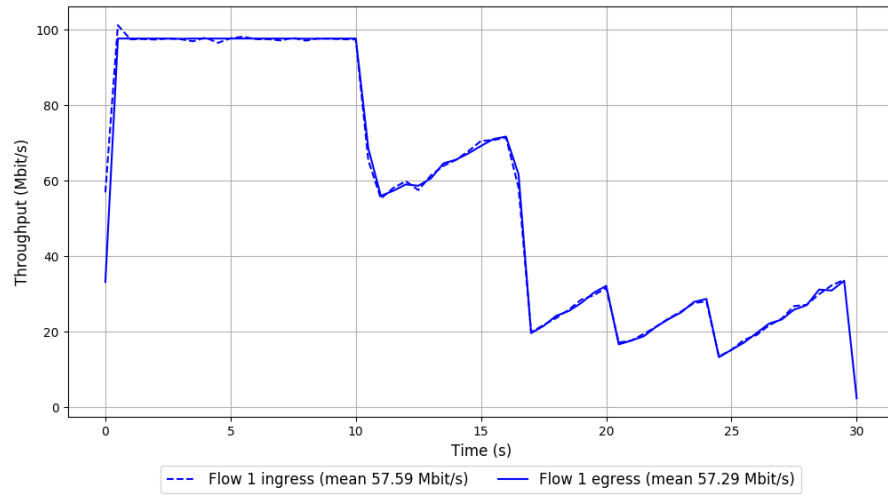


Run 7: Statistics of TCP Vegas

Start at: 2017-12-05 15:00:11
End at: 2017-12-05 15:00:41
Local clock offset: -0.653 ms
Remote clock offset: -1.528 ms

Below is generated by plot.py at 2017-12-05 16:40:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.29 Mbit/s
95th percentile per-packet one-way delay: 51.685 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 57.29 Mbit/s
95th percentile per-packet one-way delay: 51.685 ms
Loss rate: 0.52%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2017-12-05 15:19:14

End at: 2017-12-05 15:19:44

Local clock offset: -0.677 ms

Remote clock offset: -1.35 ms

Below is generated by plot.py at 2017-12-05 16:40:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.28 Mbit/s

95th percentile per-packet one-way delay: 30.543 ms

Loss rate: 0.02%

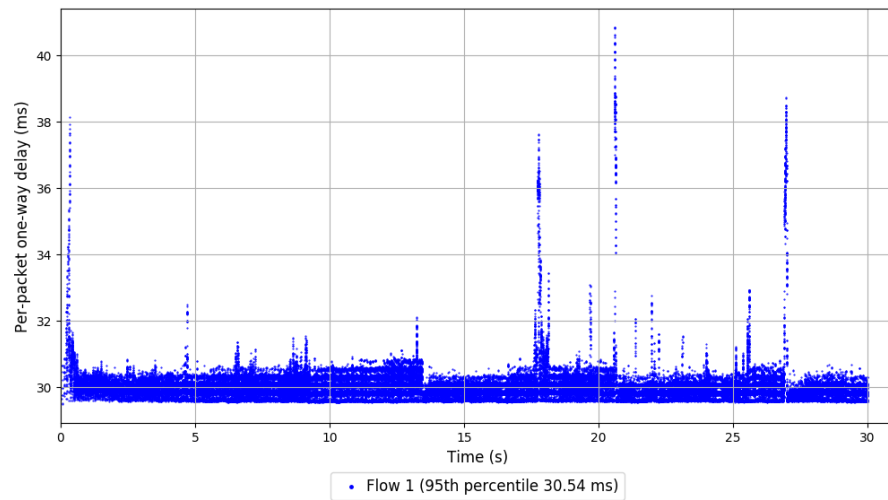
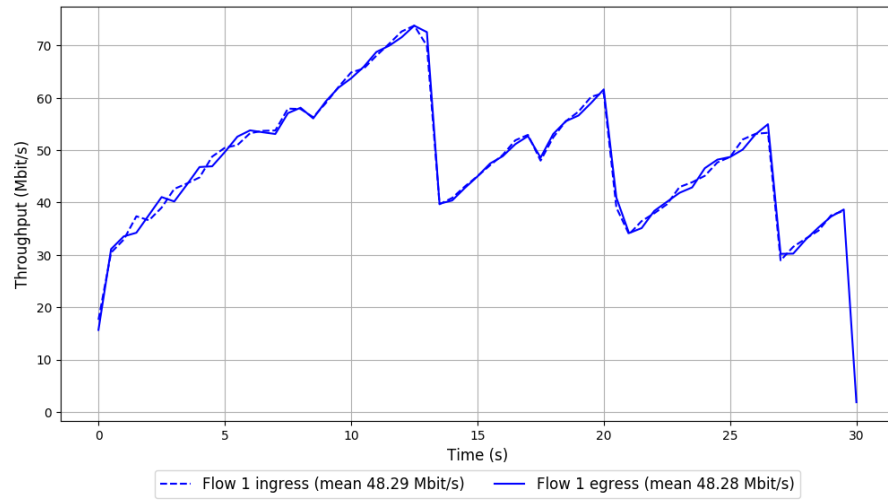
-- Flow 1:

Average throughput: 48.28 Mbit/s

95th percentile per-packet one-way delay: 30.543 ms

Loss rate: 0.02%

Run 8: Report of TCP Vegas — Data Link

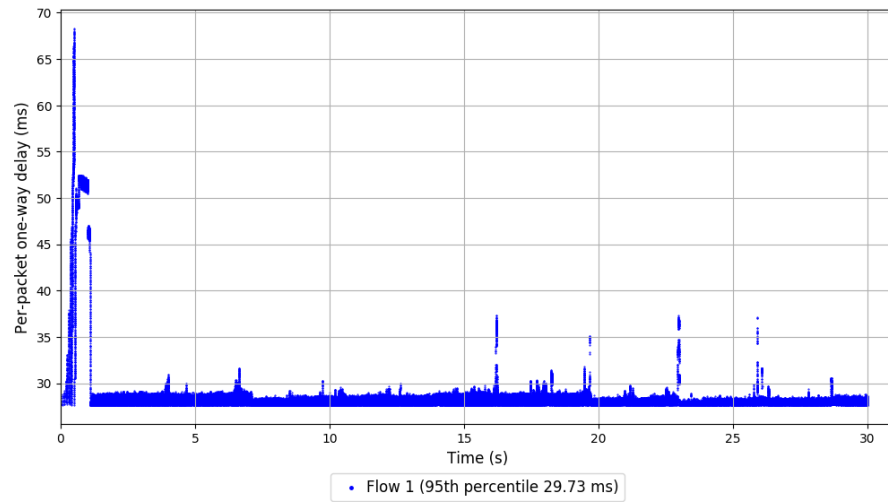
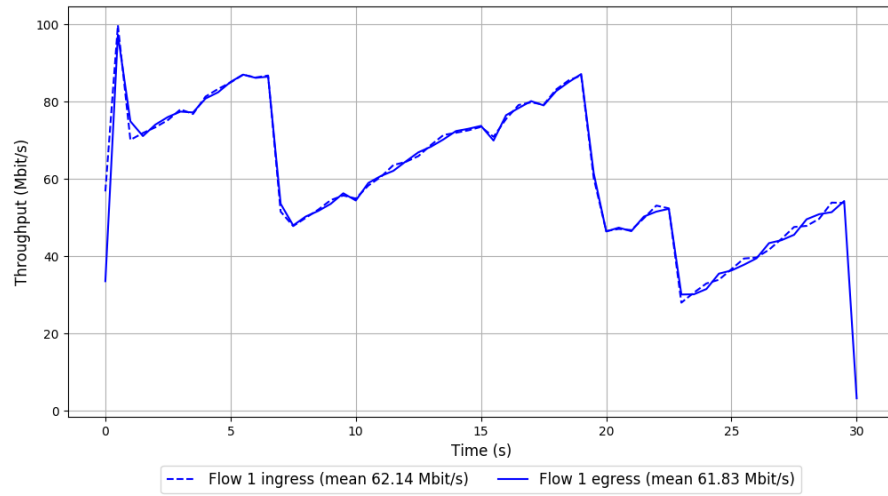


Run 9: Statistics of TCP Vegas

Start at: 2017-12-05 15:38:47
End at: 2017-12-05 15:39:17
Local clock offset: -0.905 ms
Remote clock offset: -3.386 ms

Below is generated by plot.py at 2017-12-05 16:40:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.83 Mbit/s
95th percentile per-packet one-way delay: 29.732 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 61.83 Mbit/s
95th percentile per-packet one-way delay: 29.732 ms
Loss rate: 0.50%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-12-05 15:58:16

End at: 2017-12-05 15:58:46

Local clock offset: -1.04 ms

Remote clock offset: -1.356 ms

Below is generated by plot.py at 2017-12-05 16:40:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.38 Mbit/s

95th percentile per-packet one-way delay: 51.338 ms

Loss rate: 0.46%

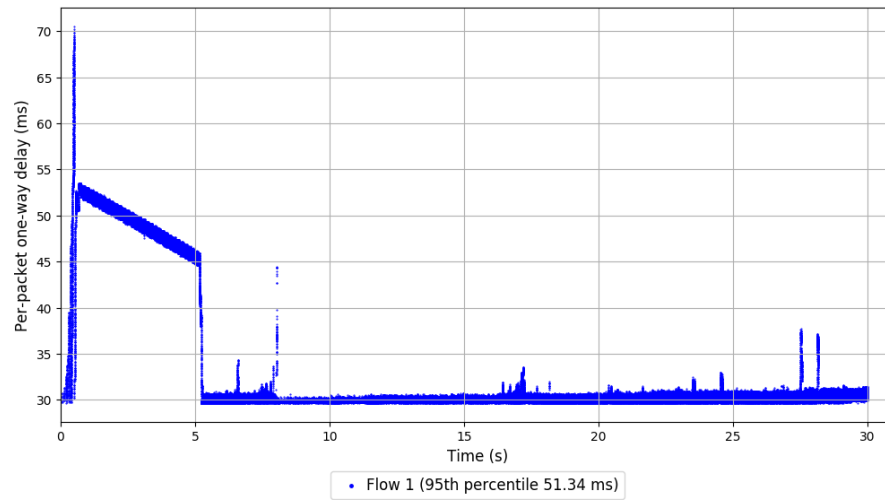
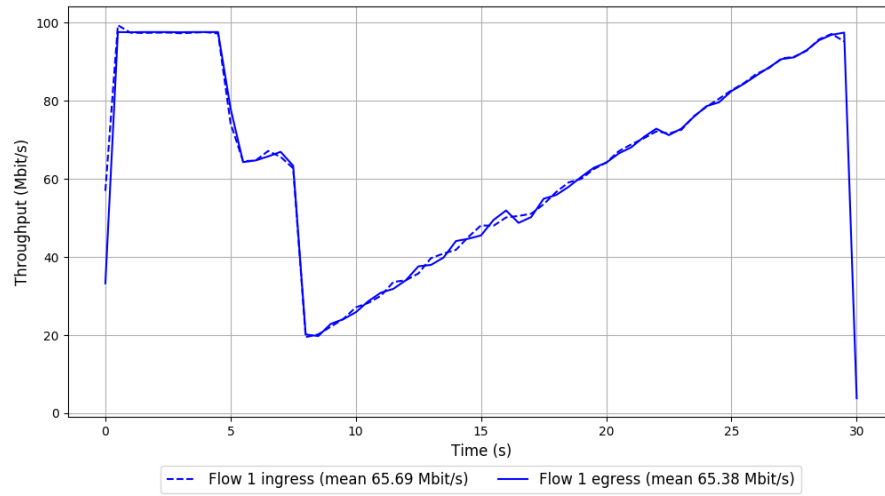
-- Flow 1:

Average throughput: 65.38 Mbit/s

95th percentile per-packet one-way delay: 51.338 ms

Loss rate: 0.46%

Run 10: Report of TCP Vegas — Data Link

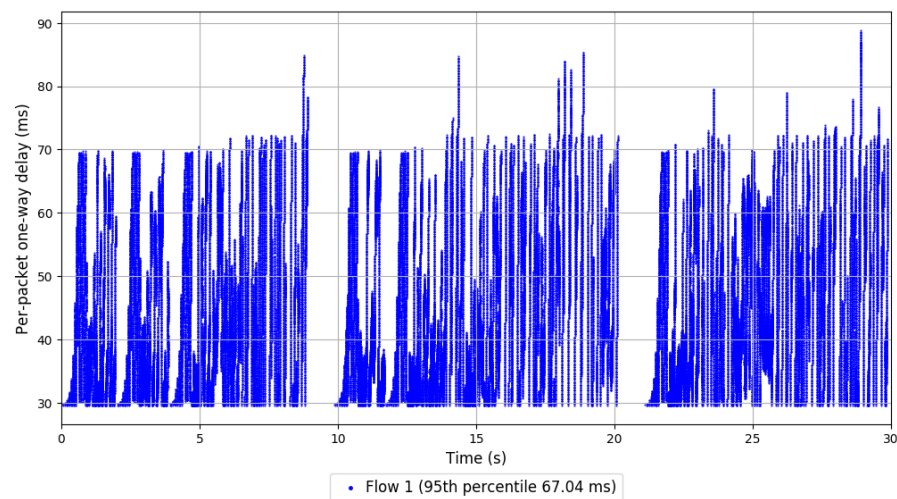
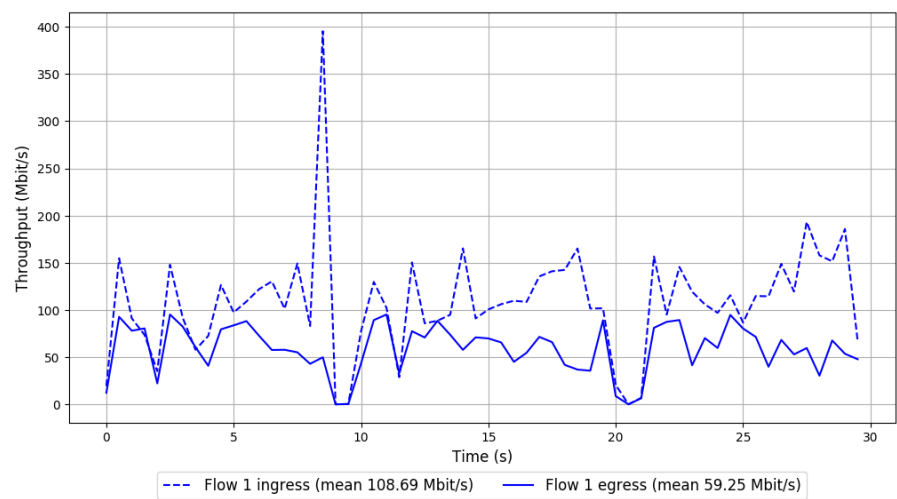


Run 1: Statistics of Verus

Start at: 2017-12-05 12:58:44
End at: 2017-12-05 12:59:14
Local clock offset: 0.226 ms
Remote clock offset: -1.231 ms

Below is generated by plot.py at 2017-12-05 16:40:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 67.042 ms
Loss rate: 45.46%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 67.042 ms
Loss rate: 45.46%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

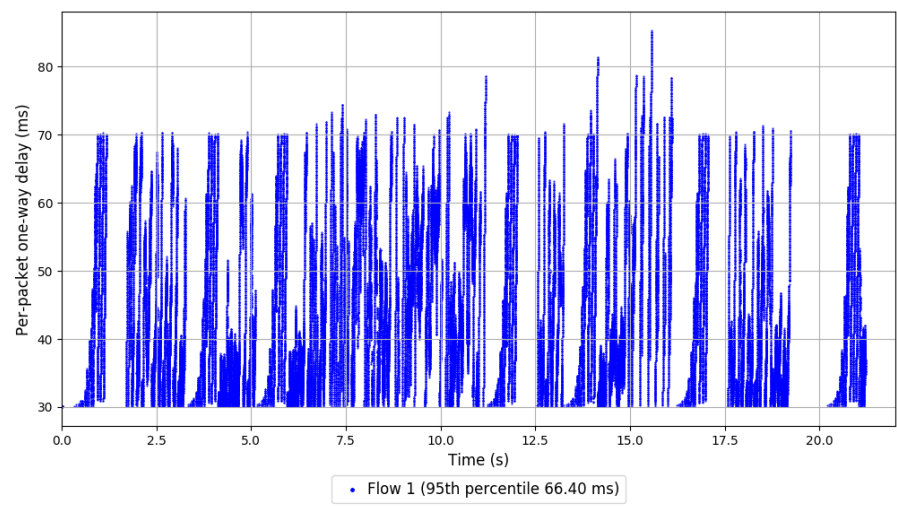
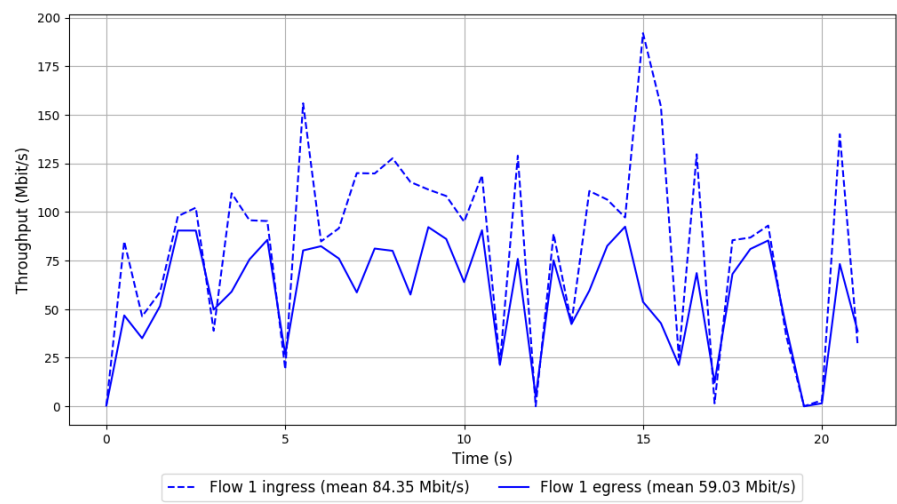
Start at: 2017-12-05 13:17:39

End at: 2017-12-05 13:18:09

Local clock offset: 0.135 ms

Remote clock offset: -0.825 ms

Run 2: Report of Verus — Data Link

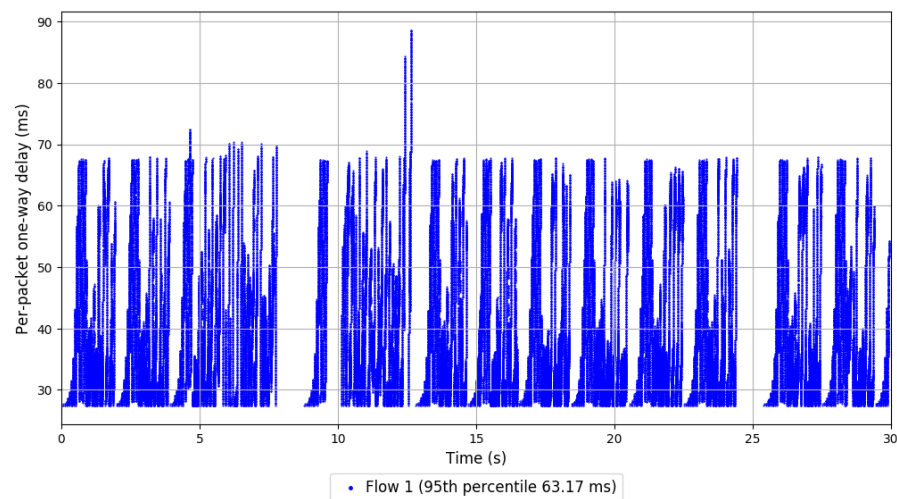
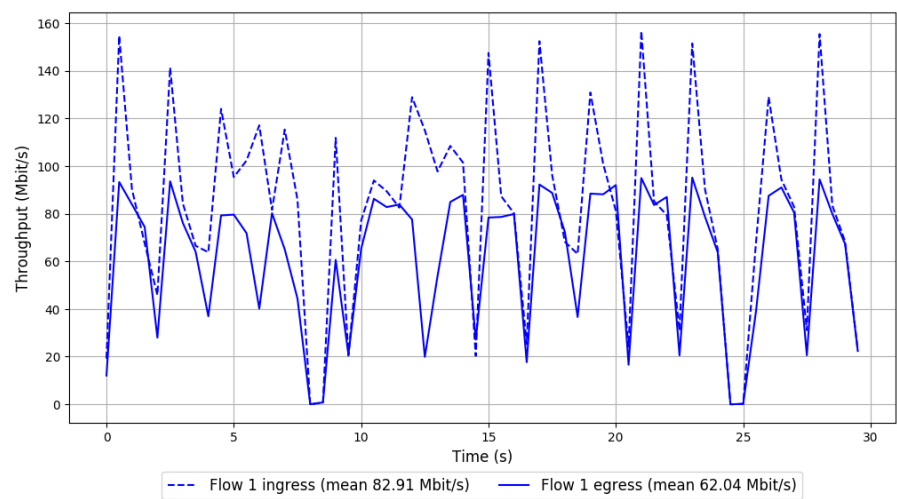


Run 3: Statistics of Verus

Start at: 2017-12-05 13:36:43
End at: 2017-12-05 13:37:13
Local clock offset: -0.037 ms
Remote clock offset: -3.501 ms

Below is generated by plot.py at 2017-12-05 16:40:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.04 Mbit/s
95th percentile per-packet one-way delay: 63.175 ms
Loss rate: 25.10%
-- Flow 1:
Average throughput: 62.04 Mbit/s
95th percentile per-packet one-way delay: 63.175 ms
Loss rate: 25.10%

Run 3: Report of Verus — Data Link

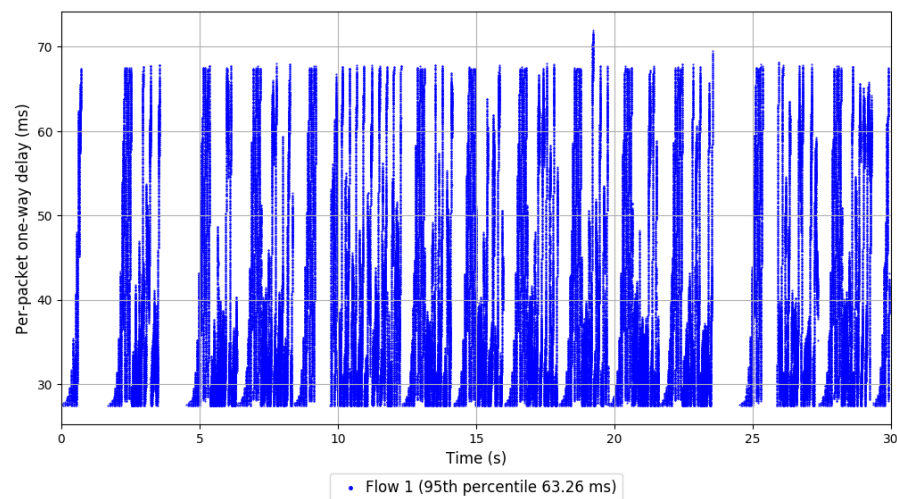
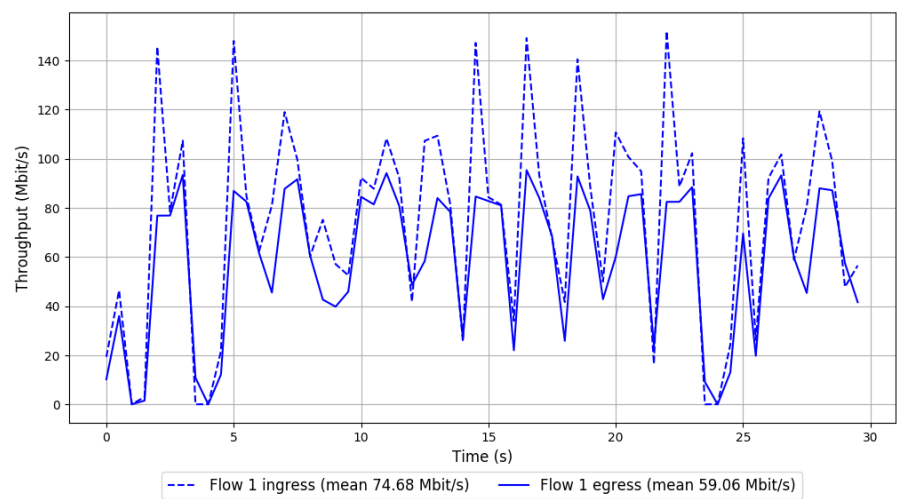


Run 4: Statistics of Verus

Start at: 2017-12-05 13:55:31
End at: 2017-12-05 13:56:01
Local clock offset: -0.169 ms
Remote clock offset: -3.437 ms

Below is generated by plot.py at 2017-12-05 16:40:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.06 Mbit/s
95th percentile per-packet one-way delay: 63.262 ms
Loss rate: 20.87%
-- Flow 1:
Average throughput: 59.06 Mbit/s
95th percentile per-packet one-way delay: 63.262 ms
Loss rate: 20.87%

Run 4: Report of Verus — Data Link

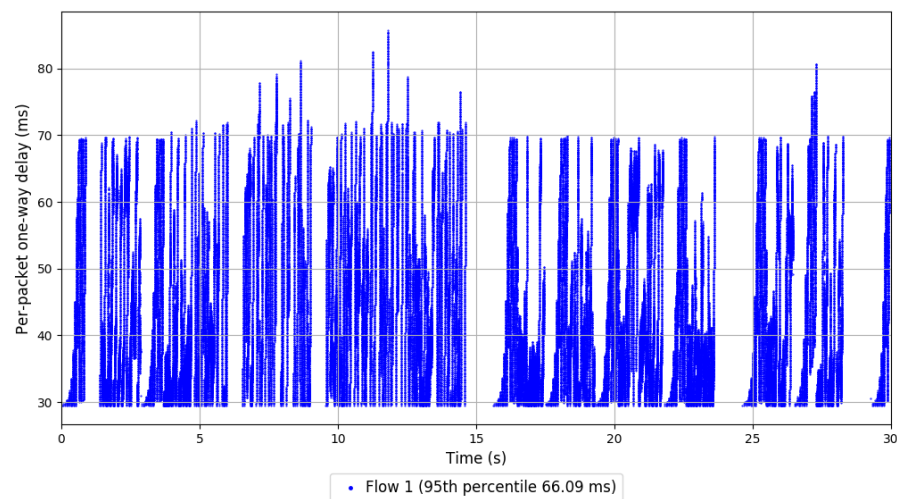
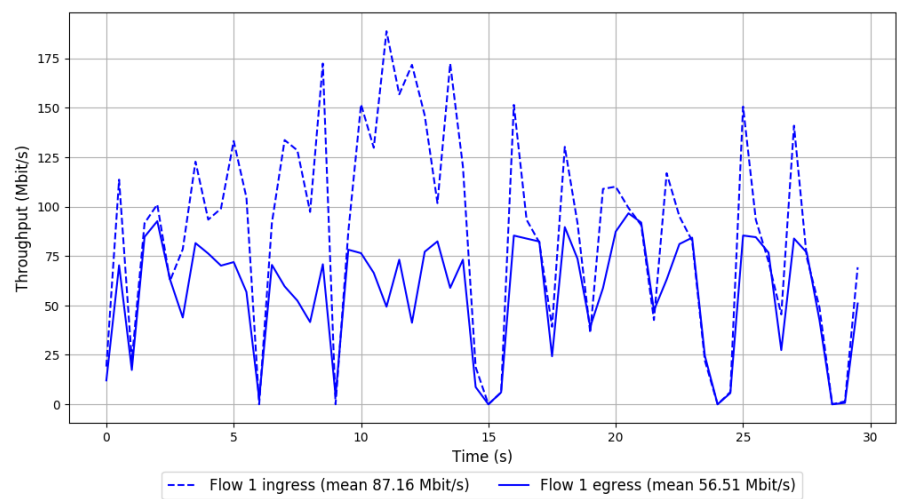


Run 5: Statistics of Verus

Start at: 2017-12-05 14:14:38
End at: 2017-12-05 14:15:08
Local clock offset: -0.34 ms
Remote clock offset: -1.551 ms

Below is generated by plot.py at 2017-12-05 16:41:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.51 Mbit/s
95th percentile per-packet one-way delay: 66.089 ms
Loss rate: 35.10%
-- Flow 1:
Average throughput: 56.51 Mbit/s
95th percentile per-packet one-way delay: 66.089 ms
Loss rate: 35.10%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

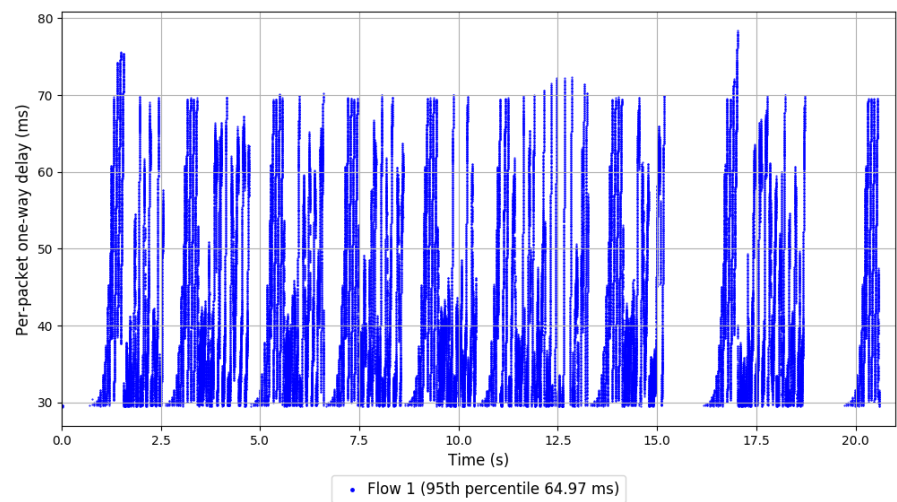
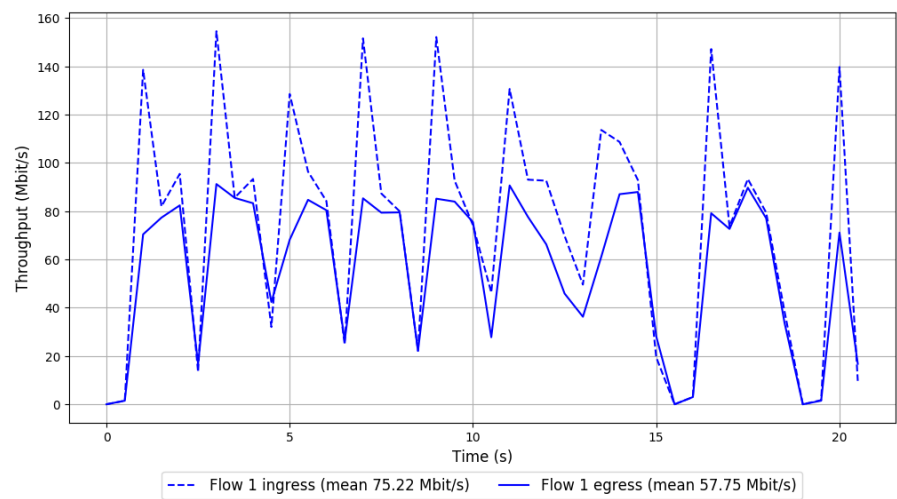
Start at: 2017-12-05 14:33:48

End at: 2017-12-05 14:34:18

Local clock offset: -0.523 ms

Remote clock offset: -1.699 ms

Run 6: Report of Verus — Data Link

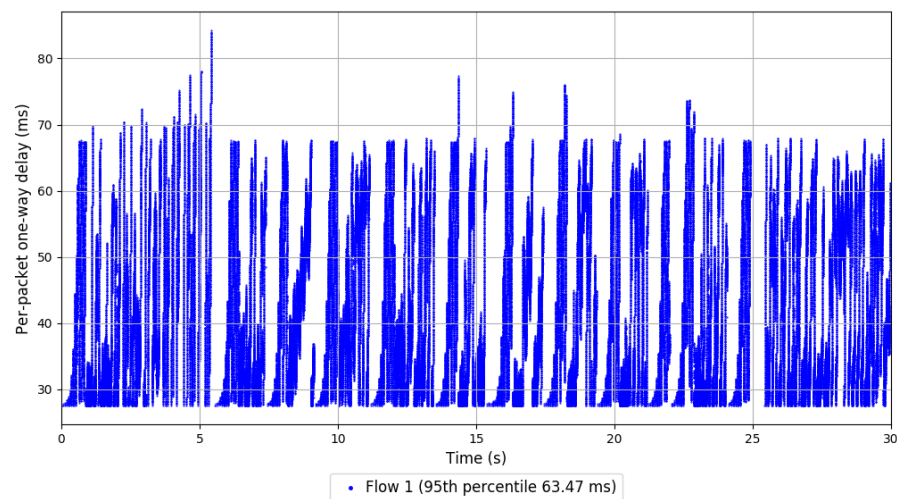
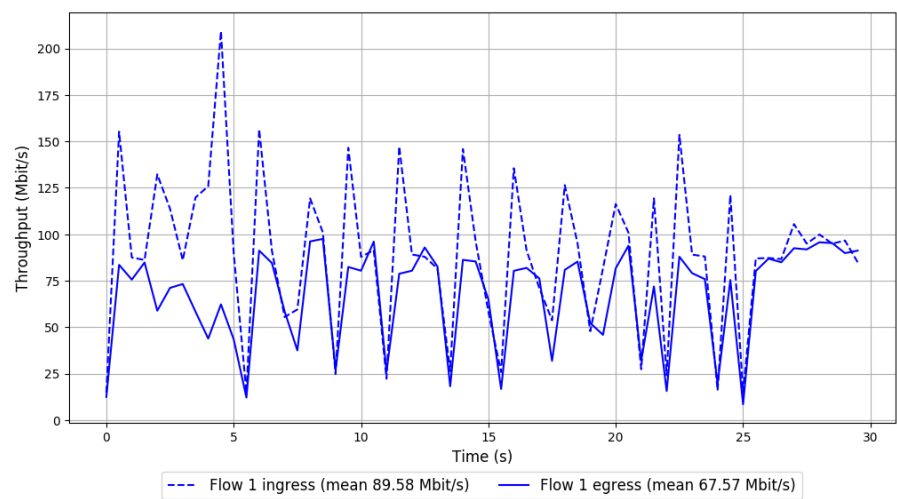


Run 7: Statistics of Verus

Start at: 2017-12-05 14:53:16
End at: 2017-12-05 14:53:46
Local clock offset: -0.513 ms
Remote clock offset: -3.525 ms

Below is generated by plot.py at 2017-12-05 16:41:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.57 Mbit/s
95th percentile per-packet one-way delay: 63.470 ms
Loss rate: 24.50%
-- Flow 1:
Average throughput: 67.57 Mbit/s
95th percentile per-packet one-way delay: 63.470 ms
Loss rate: 24.50%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-12-05 15:12:29

End at: 2017-12-05 15:12:59

Local clock offset: -0.614 ms

Remote clock offset: -3.47 ms

Below is generated by plot.py at 2017-12-05 16:41:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.17 Mbit/s

95th percentile per-packet one-way delay: 64.395 ms

Loss rate: 27.62%

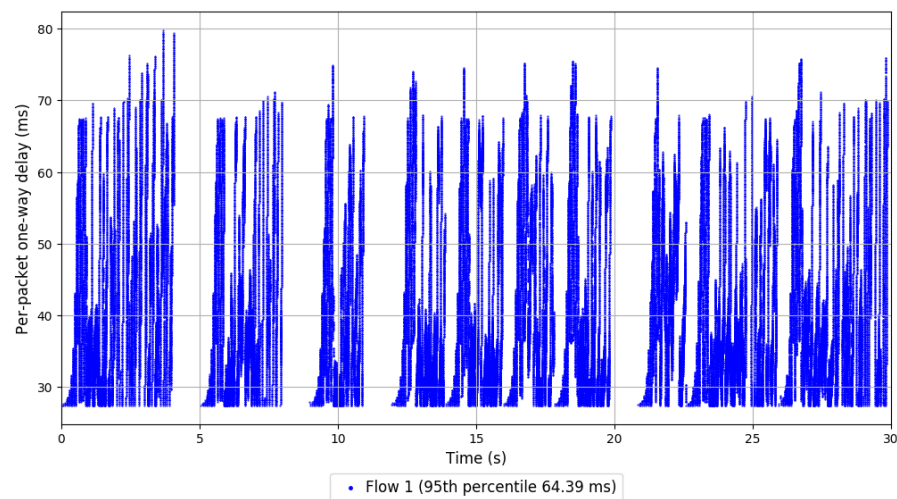
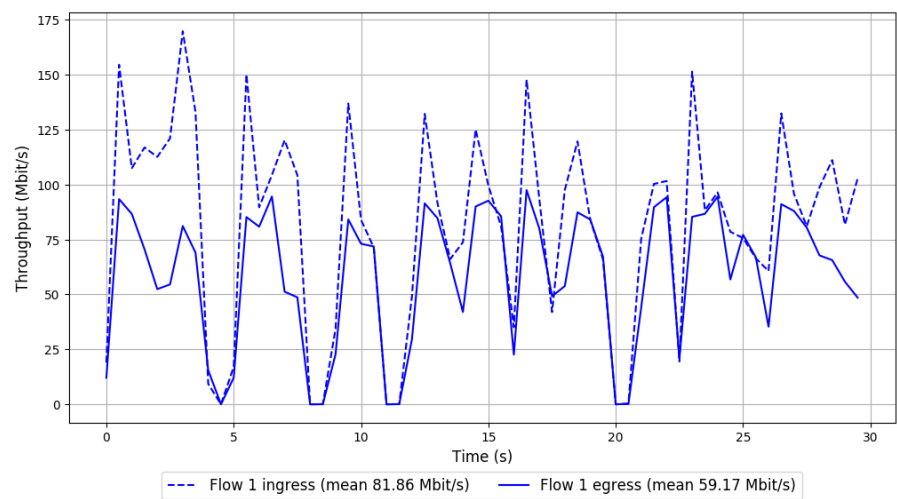
-- Flow 1:

Average throughput: 59.17 Mbit/s

95th percentile per-packet one-way delay: 64.395 ms

Loss rate: 27.62%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

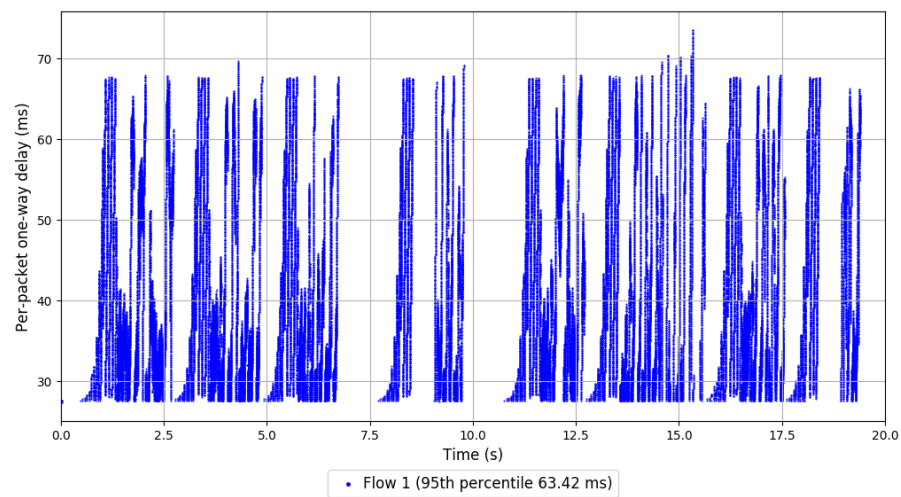
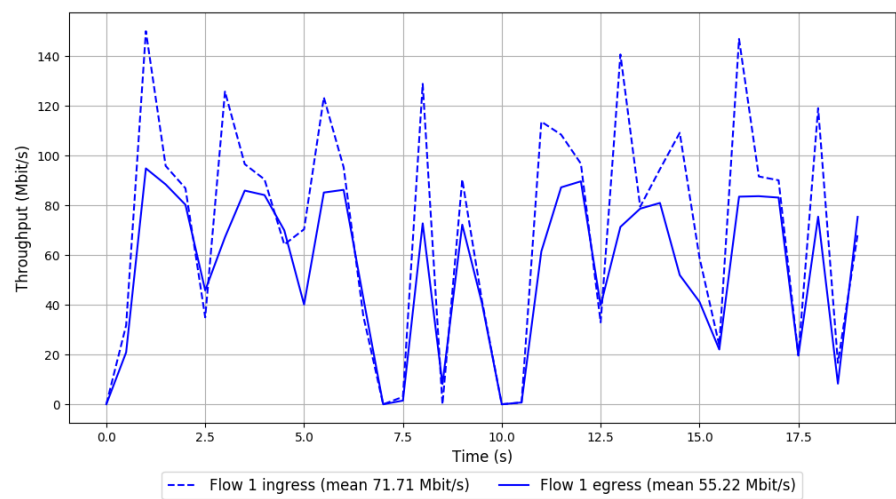
Start at: 2017-12-05 15:32:00

End at: 2017-12-05 15:32:30

Local clock offset: -0.849 ms

Remote clock offset: -3.427 ms

Run 9: Report of Verus — Data Link

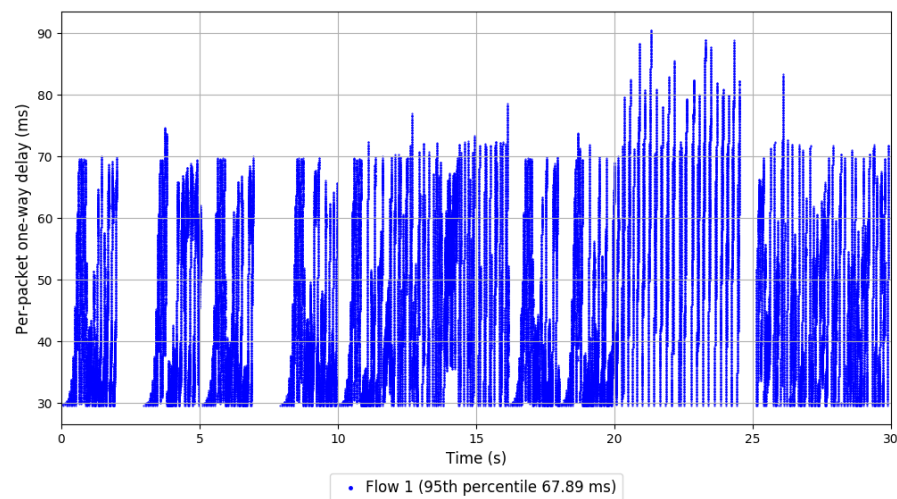
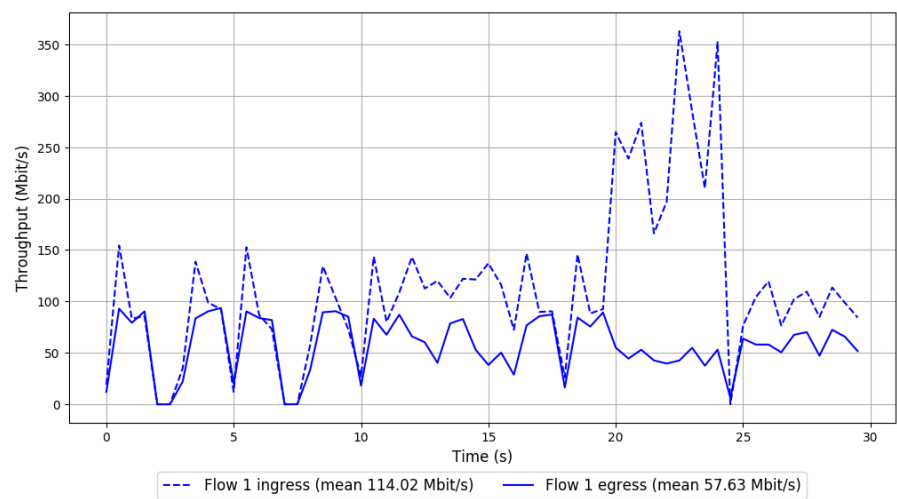


Run 10: Statistics of Verus

Start at: 2017-12-05 15:51:26
End at: 2017-12-05 15:51:56
Local clock offset: -0.995 ms
Remote clock offset: -1.486 ms

Below is generated by plot.py at 2017-12-05 16:41:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.63 Mbit/s
95th percentile per-packet one-way delay: 67.892 ms
Loss rate: 49.42%
-- Flow 1:
Average throughput: 57.63 Mbit/s
95th percentile per-packet one-way delay: 67.892 ms
Loss rate: 49.42%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2017-12-05 13:07:57

End at: 2017-12-05 13:08:27

Local clock offset: 0.168 ms

Remote clock offset: -0.767 ms

Below is generated by plot.py at 2017-12-05 16:42:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.13 Mbit/s

95th percentile per-packet one-way delay: 35.652 ms

Loss rate: 0.02%

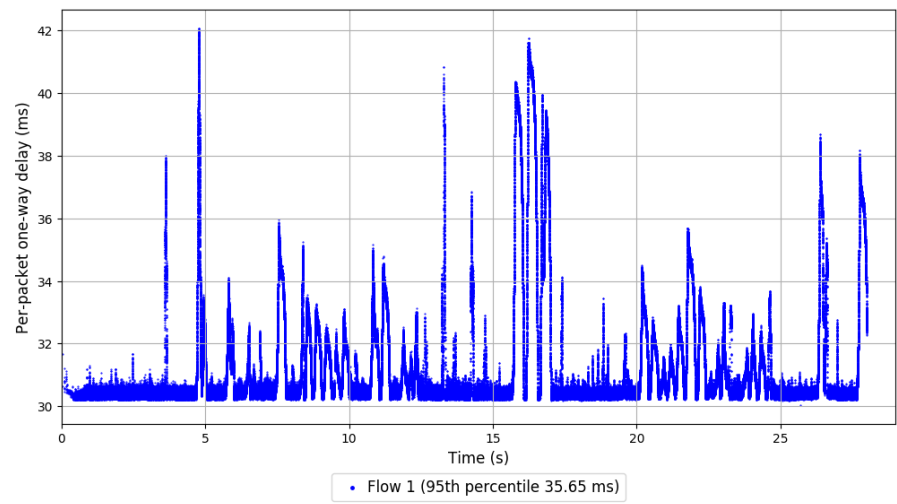
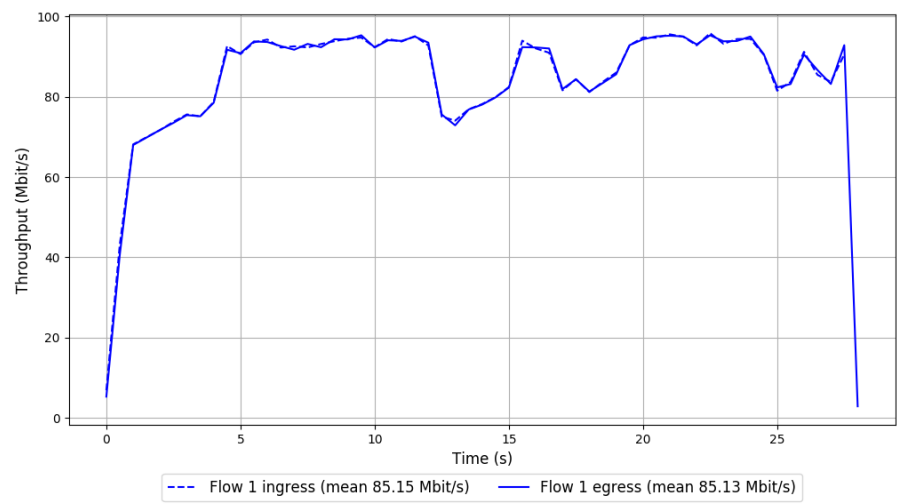
-- Flow 1:

Average throughput: 85.13 Mbit/s

95th percentile per-packet one-way delay: 35.652 ms

Loss rate: 0.02%

Run 1: Report of Copa — Data Link

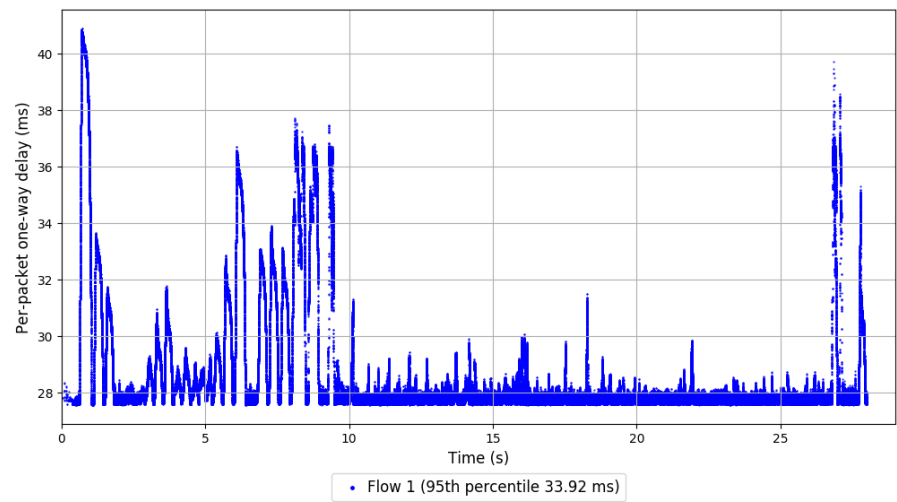
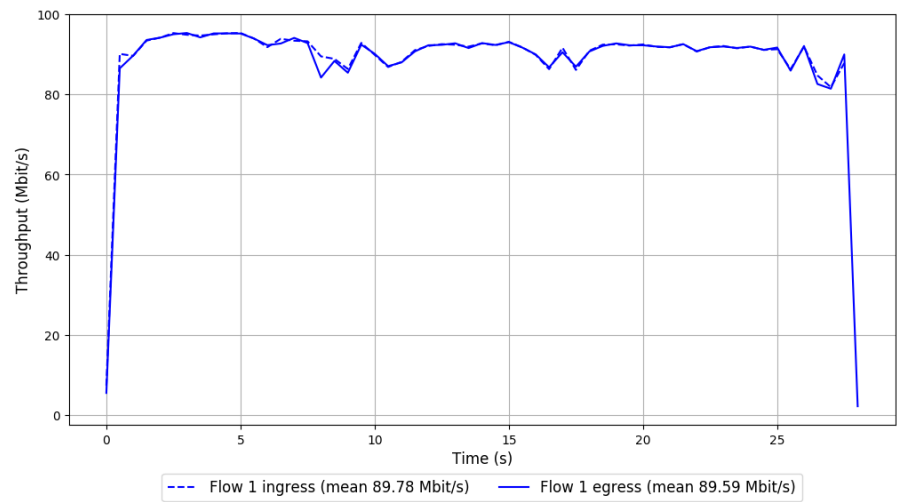


Run 2: Statistics of Copa

Start at: 2017-12-05 13:27:12
End at: 2017-12-05 13:27:42
Local clock offset: 0.077 ms
Remote clock offset: -3.323 ms

Below is generated by plot.py at 2017-12-05 16:43:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.59 Mbit/s
95th percentile per-packet one-way delay: 33.921 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 89.59 Mbit/s
95th percentile per-packet one-way delay: 33.921 ms
Loss rate: 0.22%

Run 2: Report of Copa — Data Link

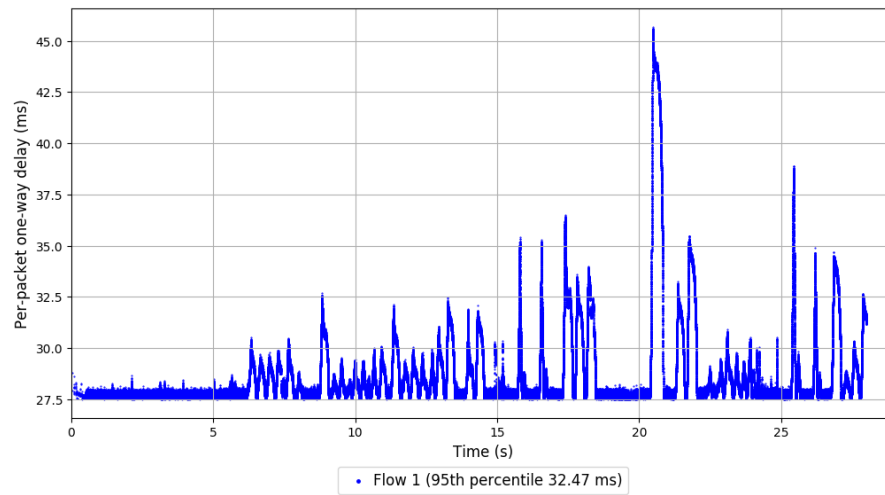
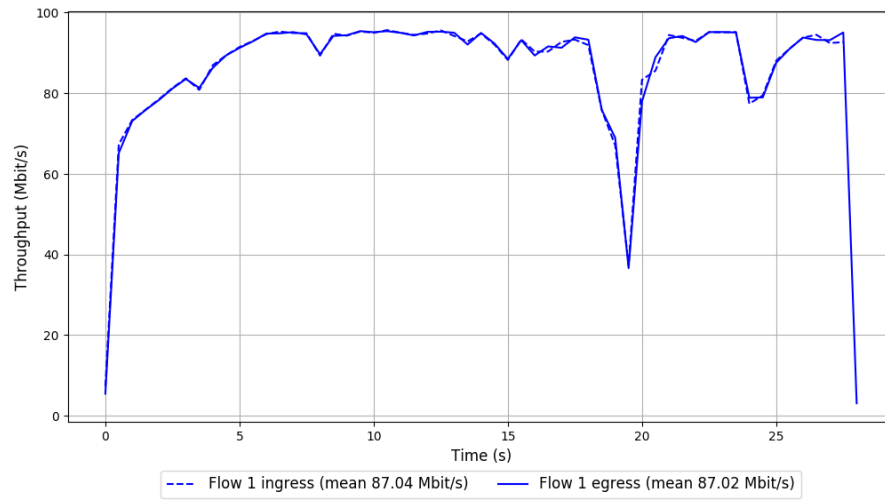


Run 3: Statistics of Copa

Start at: 2017-12-05 13:45:59
End at: 2017-12-05 13:46:29
Local clock offset: -0.059 ms
Remote clock offset: -3.402 ms

Below is generated by plot.py at 2017-12-05 16:43:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 32.474 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 32.474 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link

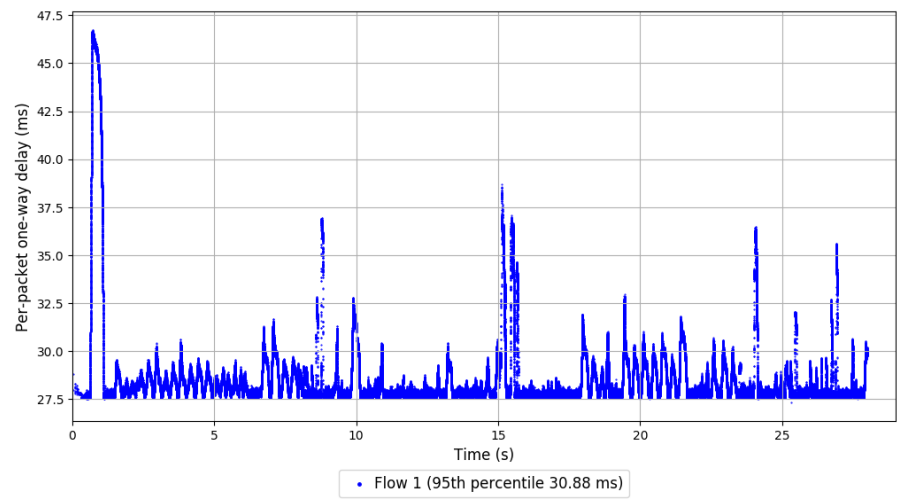
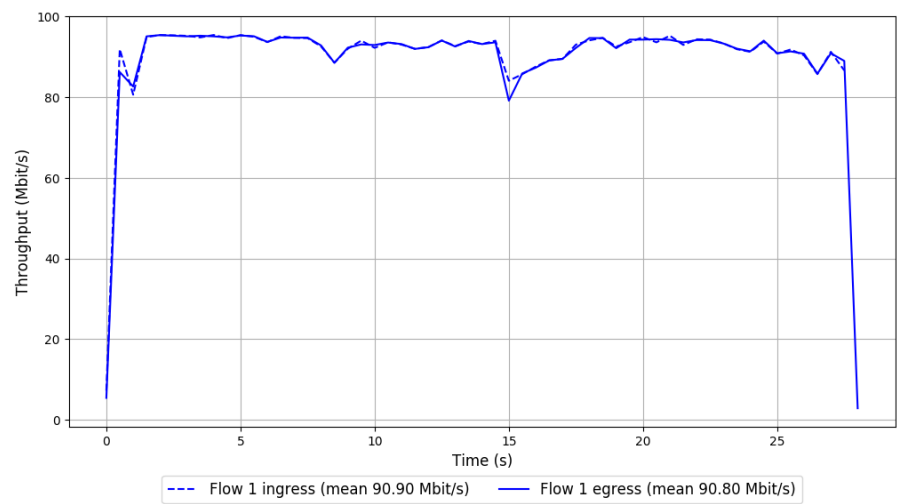


Run 4: Statistics of Copa

Start at: 2017-12-05 14:04:50
End at: 2017-12-05 14:05:20
Local clock offset: -0.364 ms
Remote clock offset: -3.543 ms

Below is generated by plot.py at 2017-12-05 16:43:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.80 Mbit/s
95th percentile per-packet one-way delay: 30.880 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 90.80 Mbit/s
95th percentile per-packet one-way delay: 30.880 ms
Loss rate: 0.11%

Run 4: Report of Copa — Data Link

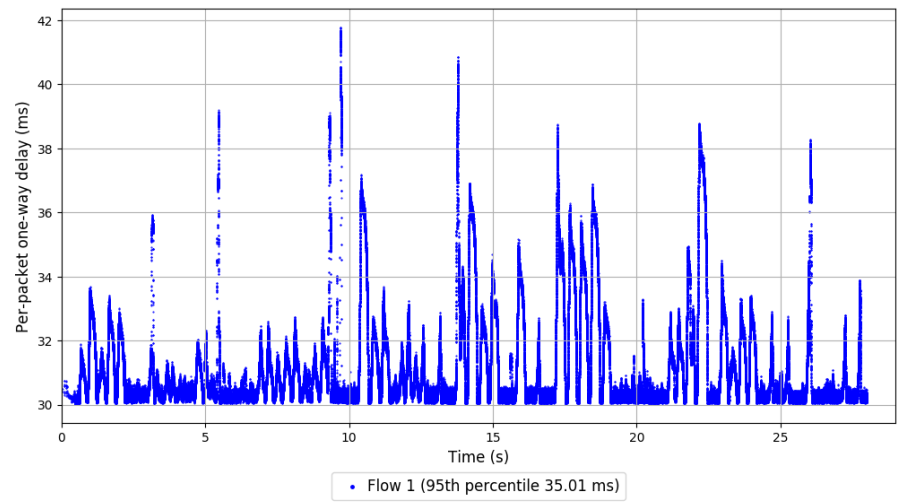
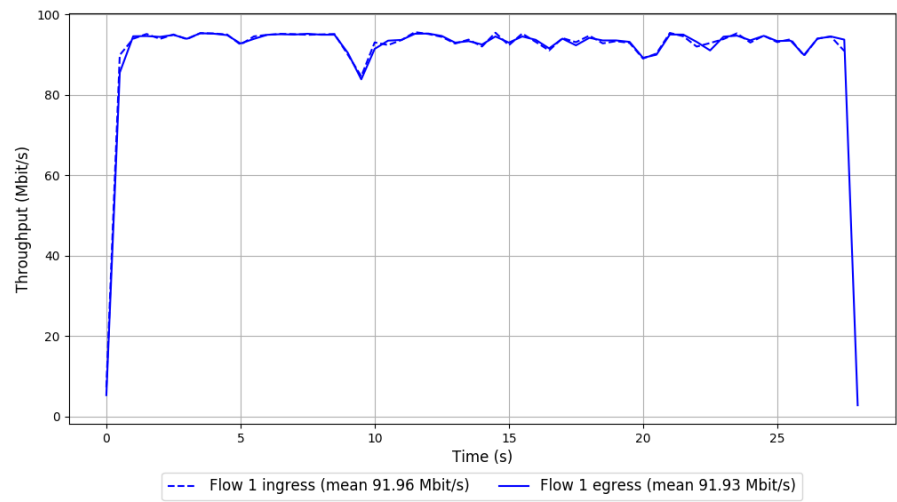


Run 5: Statistics of Copa

Start at: 2017-12-05 14:24:10
End at: 2017-12-05 14:24:40
Local clock offset: -0.489 ms
Remote clock offset: -1.192 ms

Below is generated by plot.py at 2017-12-05 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.93 Mbit/s
95th percentile per-packet one-way delay: 35.012 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 91.93 Mbit/s
95th percentile per-packet one-way delay: 35.012 ms
Loss rate: 0.04%

Run 5: Report of Copa — Data Link

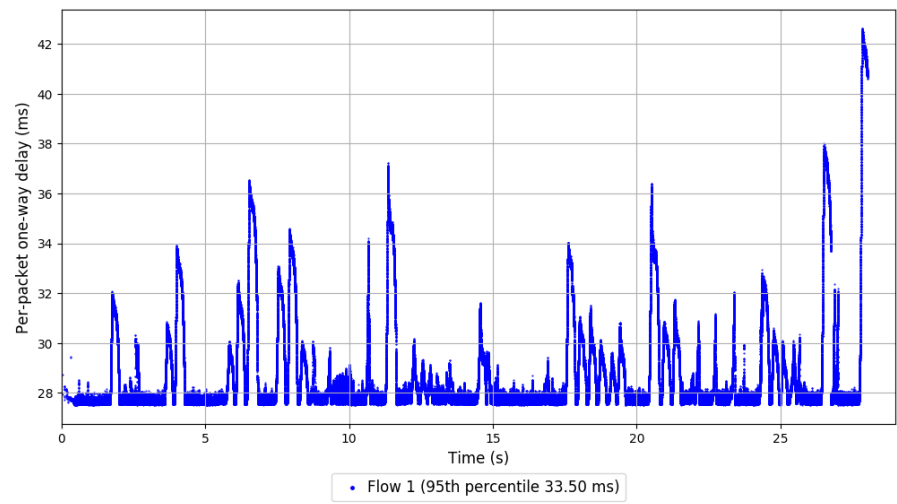
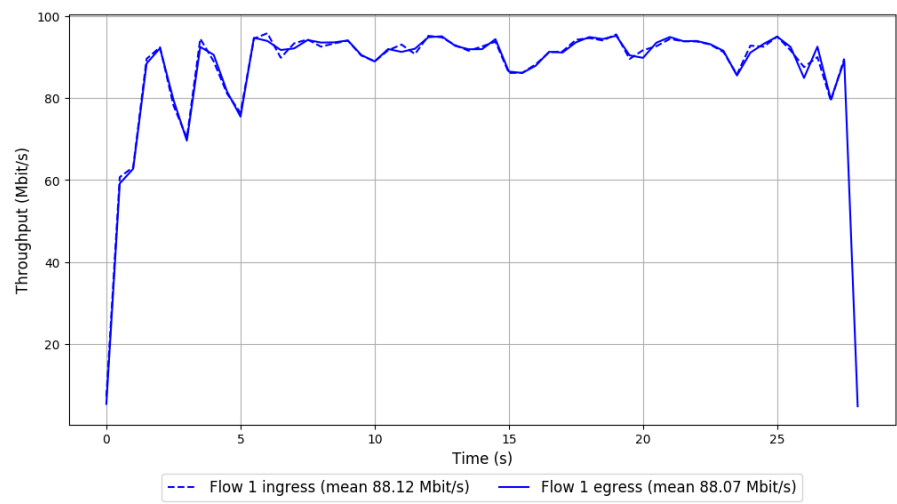


Run 6: Statistics of Copa

Start at: 2017-12-05 14:43:25
End at: 2017-12-05 14:43:55
Local clock offset: -0.465 ms
Remote clock offset: -3.602 ms

Below is generated by plot.py at 2017-12-05 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.07 Mbit/s
95th percentile per-packet one-way delay: 33.496 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.07 Mbit/s
95th percentile per-packet one-way delay: 33.496 ms
Loss rate: 0.01%

Run 6: Report of Copa — Data Link

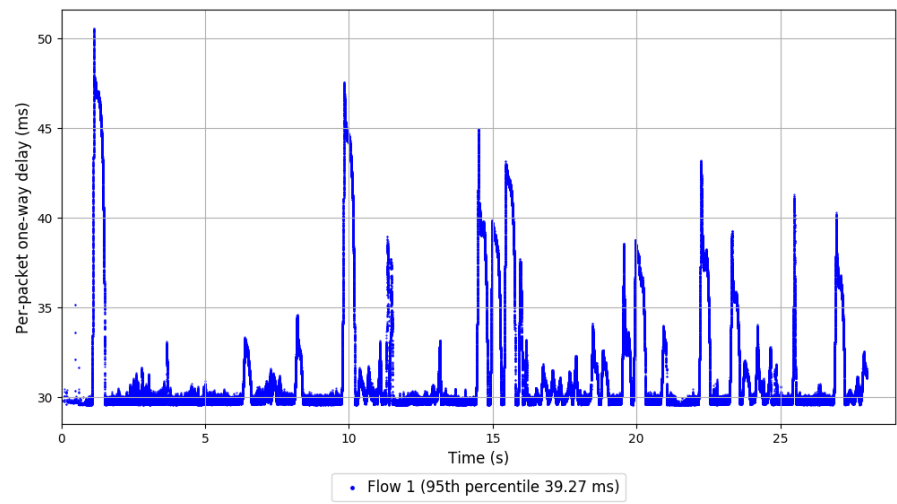
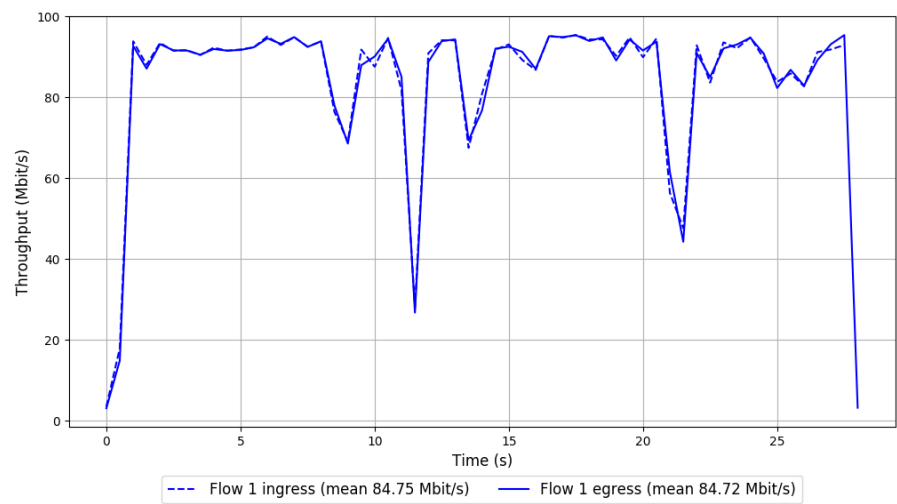


Run 7: Statistics of Copa

Start at: 2017-12-05 15:02:56
End at: 2017-12-05 15:03:26
Local clock offset: -0.659 ms
Remote clock offset: -1.503 ms

Below is generated by plot.py at 2017-12-05 16:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.72 Mbit/s
95th percentile per-packet one-way delay: 39.269 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 84.72 Mbit/s
95th percentile per-packet one-way delay: 39.269 ms
Loss rate: 0.03%

Run 7: Report of Copa — Data Link

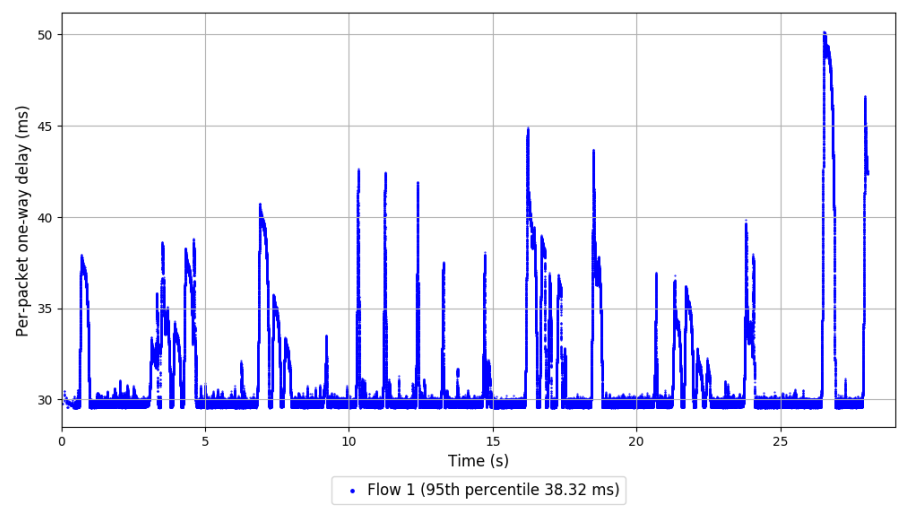
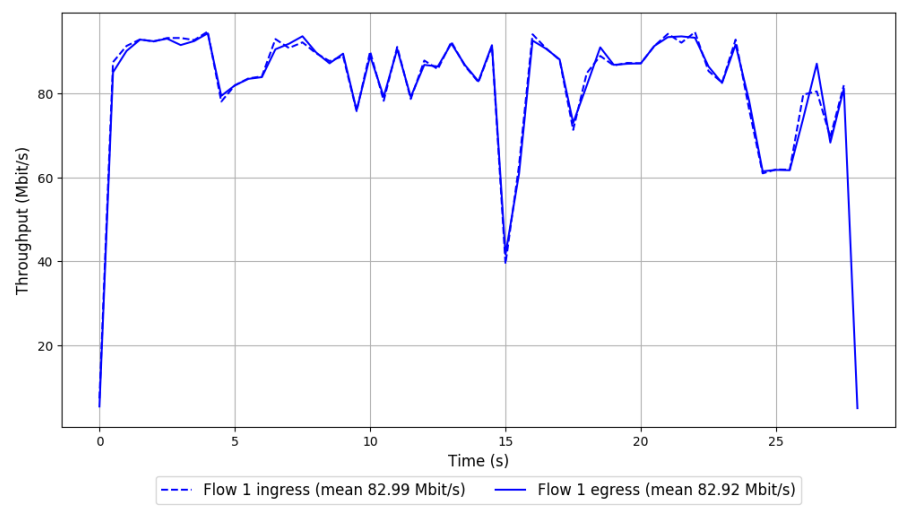


Run 8: Statistics of Copa

Start at: 2017-12-05 15:21:56
End at: 2017-12-05 15:22:26
Local clock offset: -0.805 ms
Remote clock offset: -1.484 ms

Below is generated by plot.py at 2017-12-05 16:43:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.92 Mbit/s
95th percentile per-packet one-way delay: 38.323 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 82.92 Mbit/s
95th percentile per-packet one-way delay: 38.323 ms
Loss rate: 0.04%

Run 8: Report of Copa — Data Link

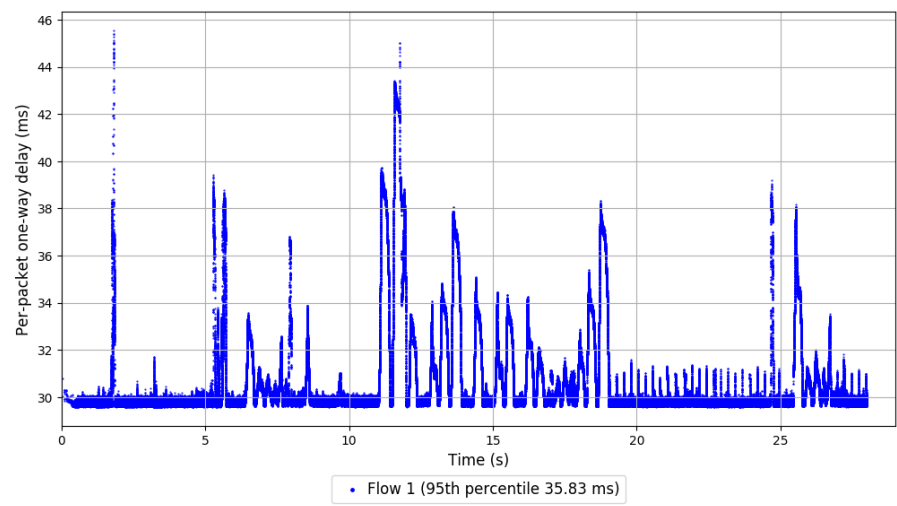
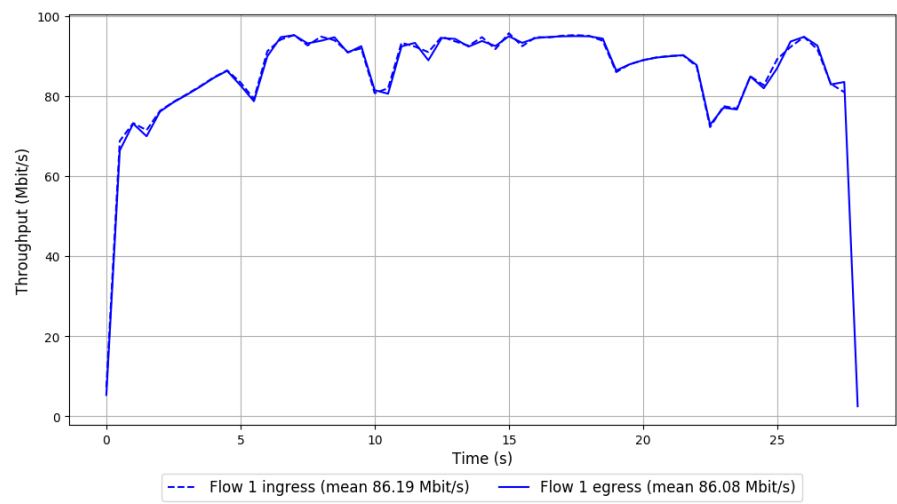


Run 9: Statistics of Copa

Start at: 2017-12-05 15:41:34
End at: 2017-12-05 15:42:04
Local clock offset: -0.851 ms
Remote clock offset: -1.385 ms

Below is generated by plot.py at 2017-12-05 16:45:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.08 Mbit/s
95th percentile per-packet one-way delay: 35.834 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 86.08 Mbit/s
95th percentile per-packet one-way delay: 35.834 ms
Loss rate: 0.13%

Run 9: Report of Copa — Data Link

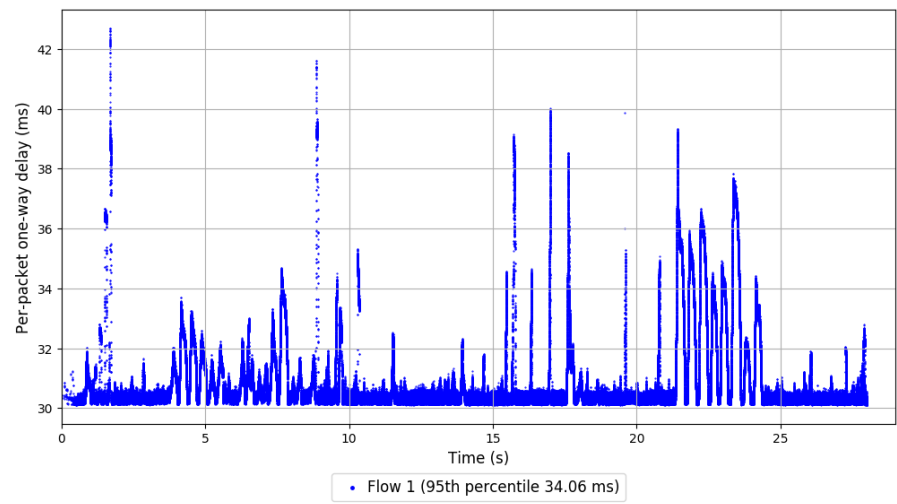
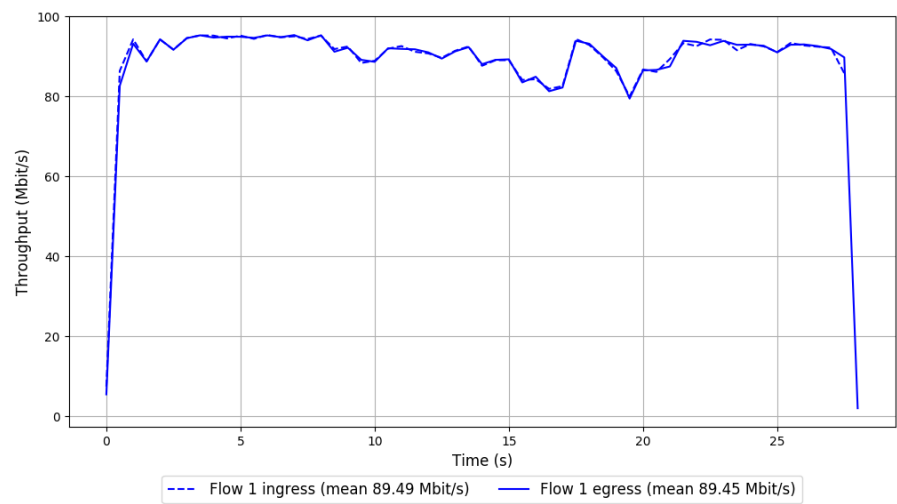


Run 10: Statistics of Copa

Start at: 2017-12-05 16:01:00
End at: 2017-12-05 16:01:30
Local clock offset: -0.972 ms
Remote clock offset: -0.795 ms

Below is generated by plot.py at 2017-12-05 16:45:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.45 Mbit/s
95th percentile per-packet one-way delay: 34.058 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 89.45 Mbit/s
95th percentile per-packet one-way delay: 34.058 ms
Loss rate: 0.05%

Run 10: Report of Copa — Data Link

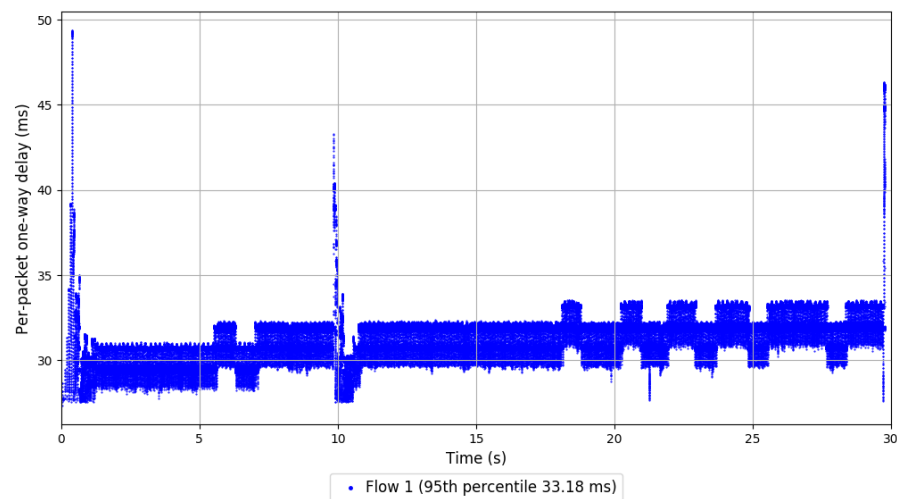
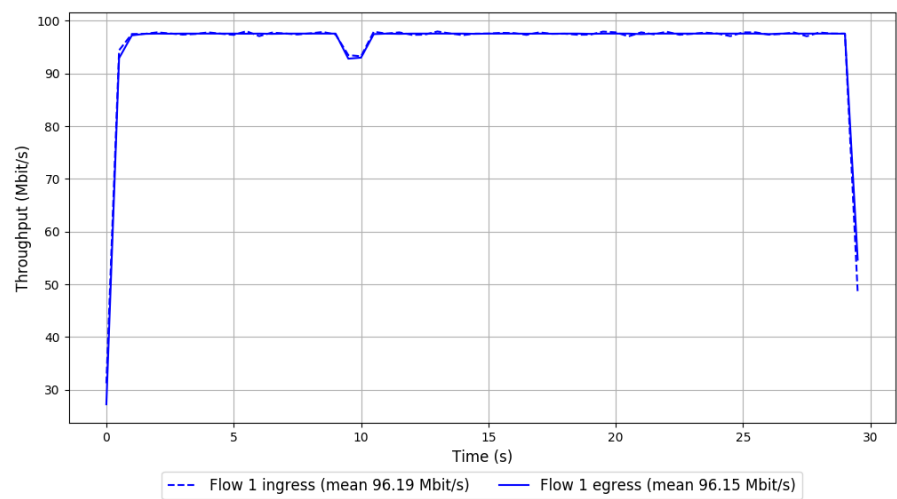


```
Run 1: Statistics of Indigo

Start at: 2017-12-05 13:03:58
End at: 2017-12-05 13:04:28
Local clock offset: 0.188 ms
Remote clock offset: -3.354 ms

# Below is generated by plot.py at 2017-12-05 16:45:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.15 Mbit/s
95th percentile per-packet one-way delay: 33.179 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.15 Mbit/s
95th percentile per-packet one-way delay: 33.179 ms
Loss rate: 0.03%
```

Run 1: Report of Indigo — Data Link

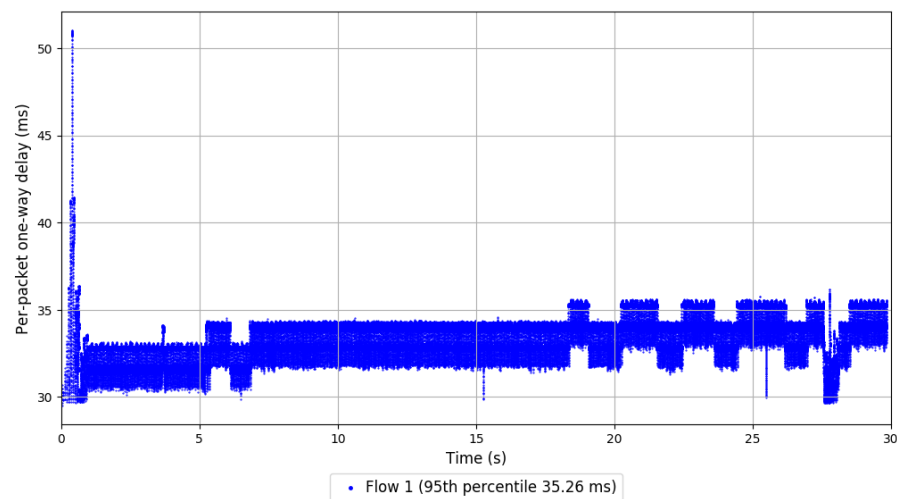
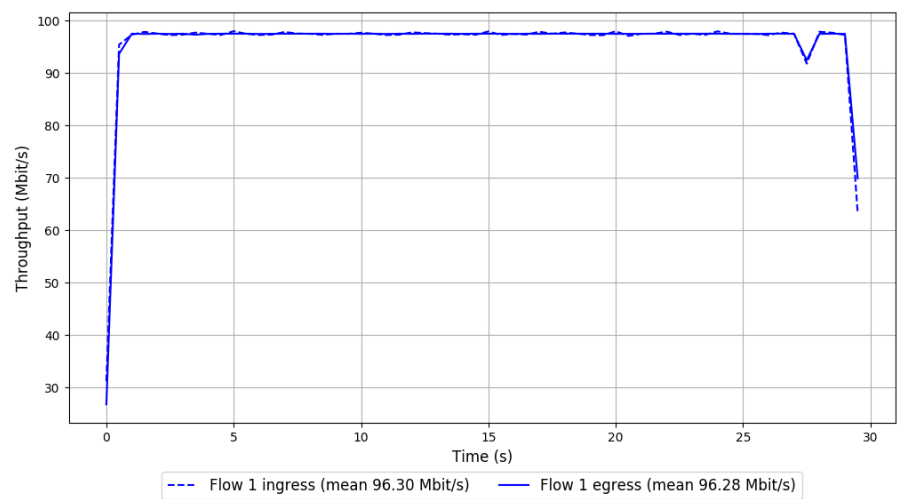


Run 2: Statistics of Indigo

Start at: 2017-12-05 13:23:01
End at: 2017-12-05 13:23:31
Local clock offset: 0.097 ms
Remote clock offset: -1.228 ms

Below is generated by plot.py at 2017-12-05 16:45:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 35.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 35.260 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

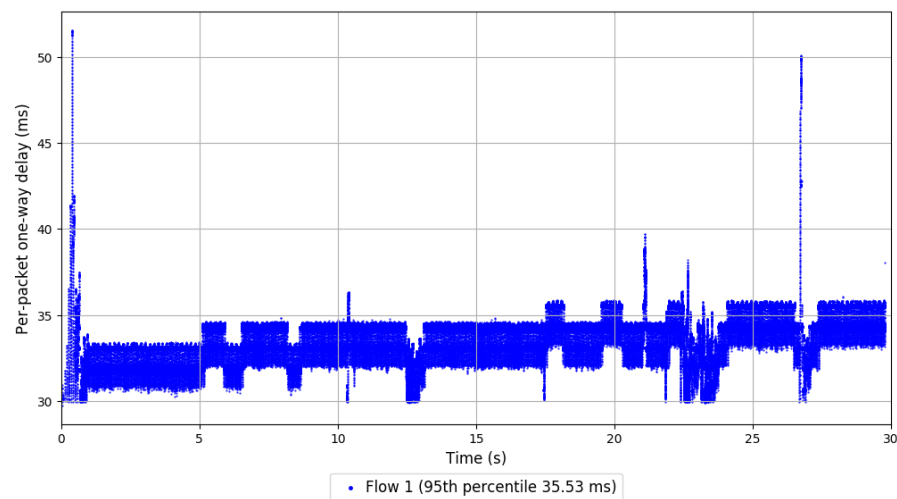
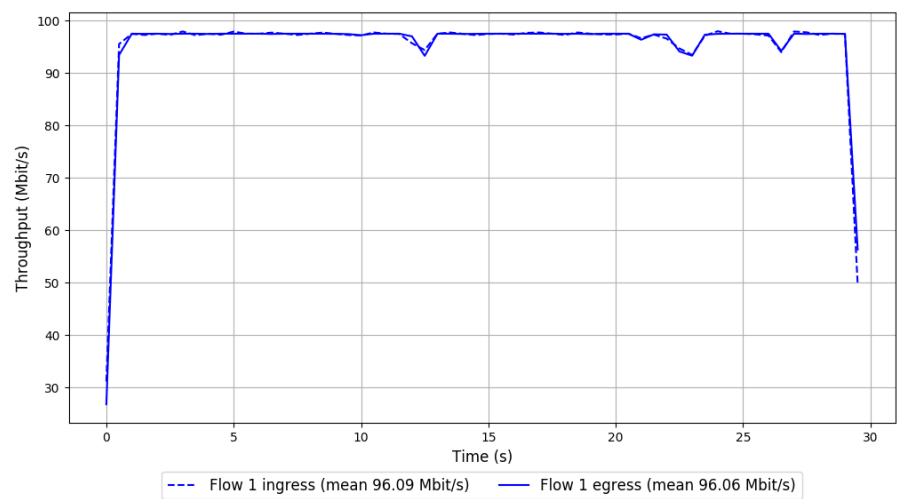


Run 3: Statistics of Indigo

Start at: 2017-12-05 13:41:57
End at: 2017-12-05 13:42:27
Local clock offset: -0.016 ms
Remote clock offset: -0.991 ms

Below is generated by plot.py at 2017-12-05 16:45:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.06 Mbit/s
95th percentile per-packet one-way delay: 35.535 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.06 Mbit/s
95th percentile per-packet one-way delay: 35.535 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

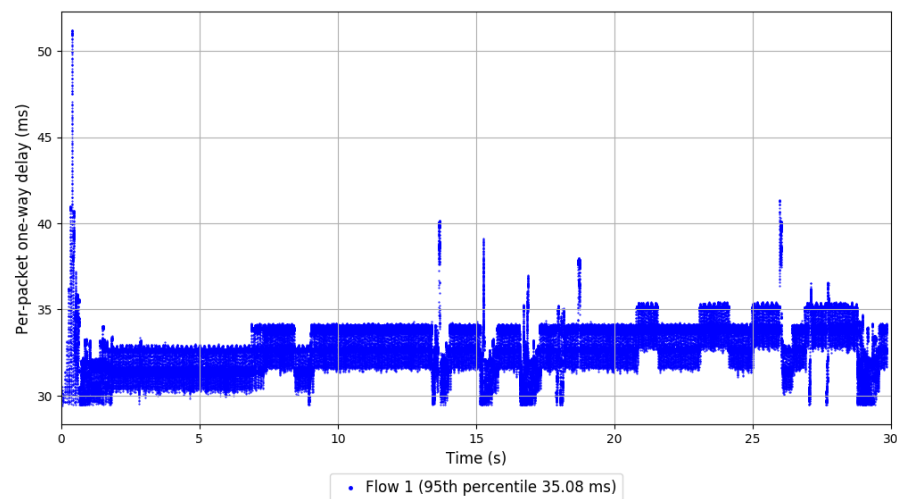
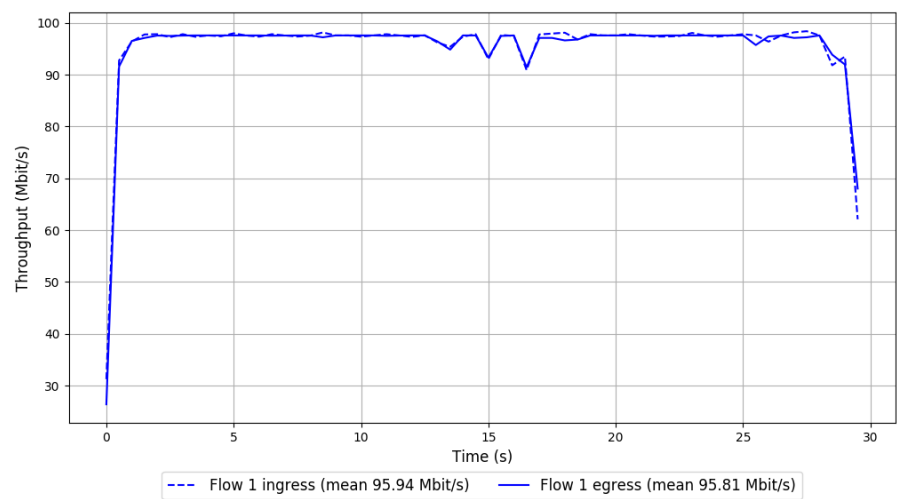


Run 4: Statistics of Indigo

Start at: 2017-12-05 14:00:46
End at: 2017-12-05 14:01:16
Local clock offset: -0.227 ms
Remote clock offset: -1.466 ms

Below is generated by plot.py at 2017-12-05 16:45:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 35.080 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 35.080 ms
Loss rate: 0.13%

Run 4: Report of Indigo — Data Link

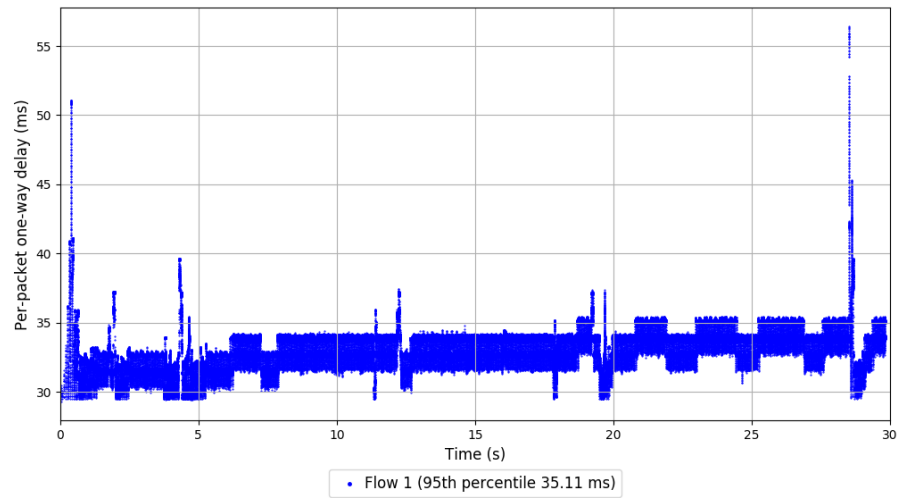
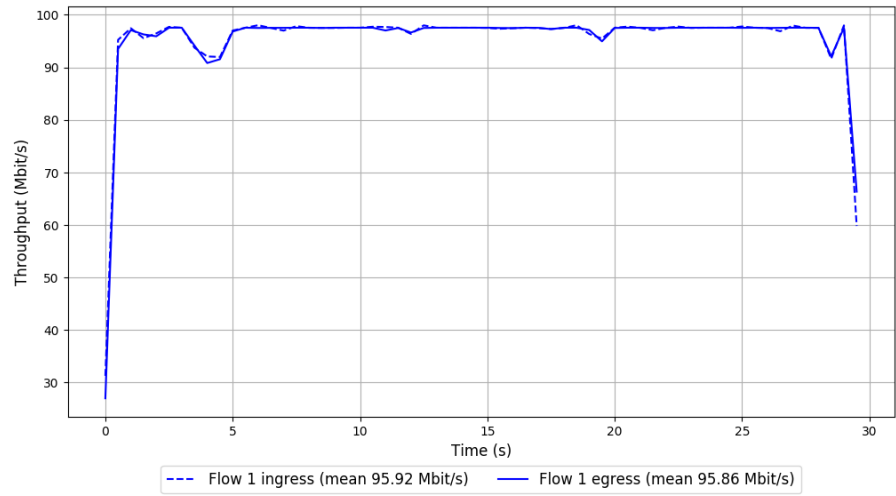


Run 5: Statistics of Indigo

Start at: 2017-12-05 14:20:01
End at: 2017-12-05 14:20:31
Local clock offset: -0.382 ms
Remote clock offset: -1.641 ms

Below is generated by plot.py at 2017-12-05 16:45:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 35.109 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 35.109 ms
Loss rate: 0.05%

Run 5: Report of Indigo — Data Link

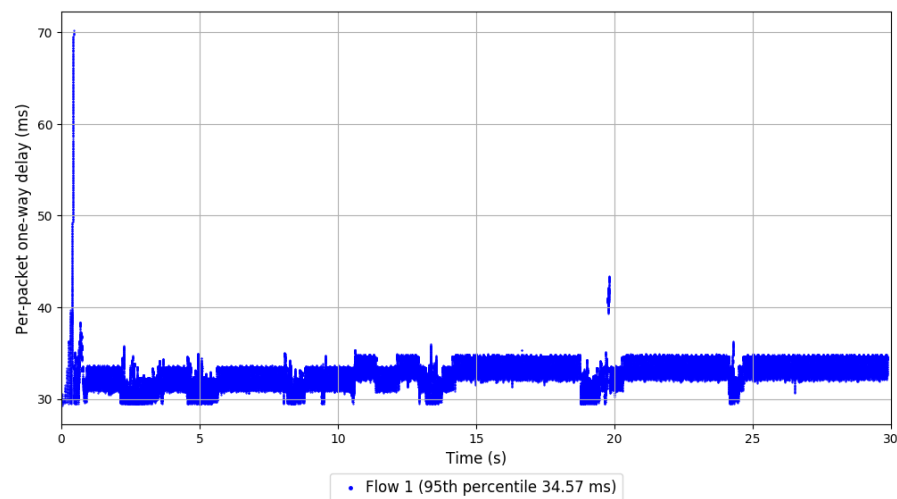
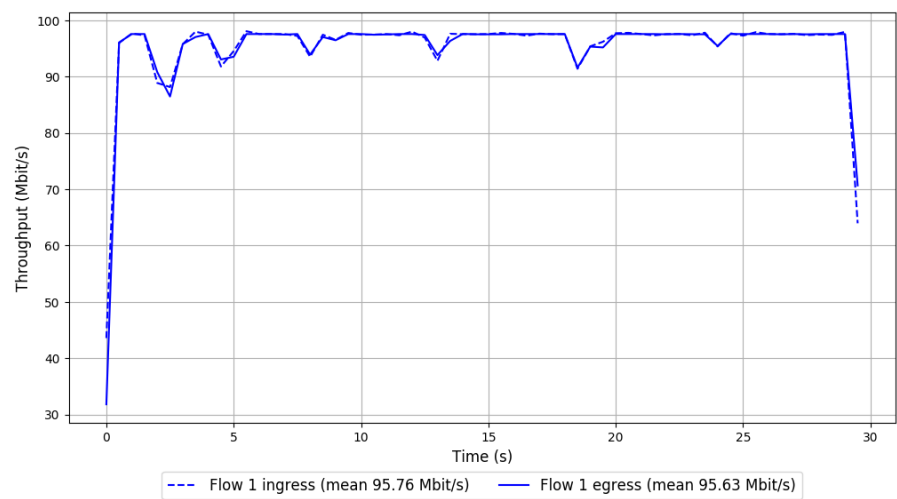


Run 6: Statistics of Indigo

Start at: 2017-12-05 14:39:07
End at: 2017-12-05 14:39:37
Local clock offset: -0.464 ms
Remote clock offset: -1.656 ms

Below is generated by plot.py at 2017-12-05 16:45:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 34.570 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 34.570 ms
Loss rate: 0.12%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-12-05 14:58:42

End at: 2017-12-05 14:59:12

Local clock offset: -0.543 ms

Remote clock offset: -1.4 ms

Below is generated by plot.py at 2017-12-05 16:46:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.14 Mbit/s

95th percentile per-packet one-way delay: 35.193 ms

Loss rate: 0.10%

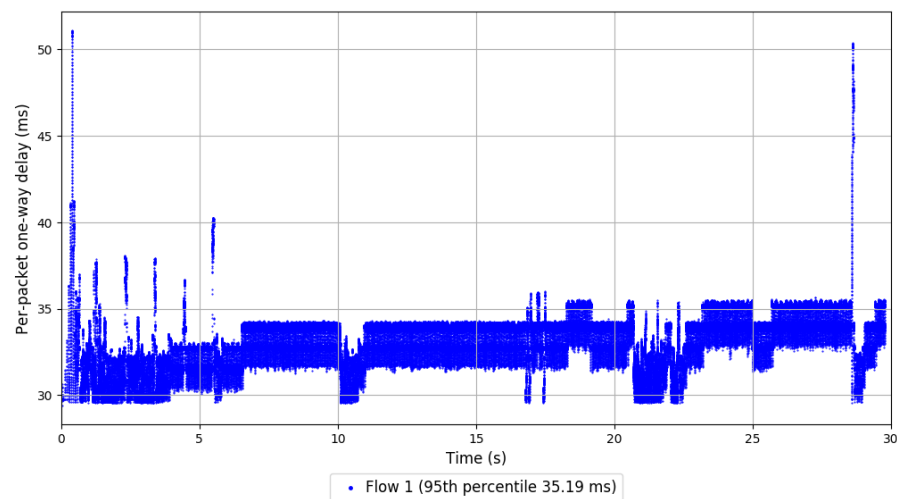
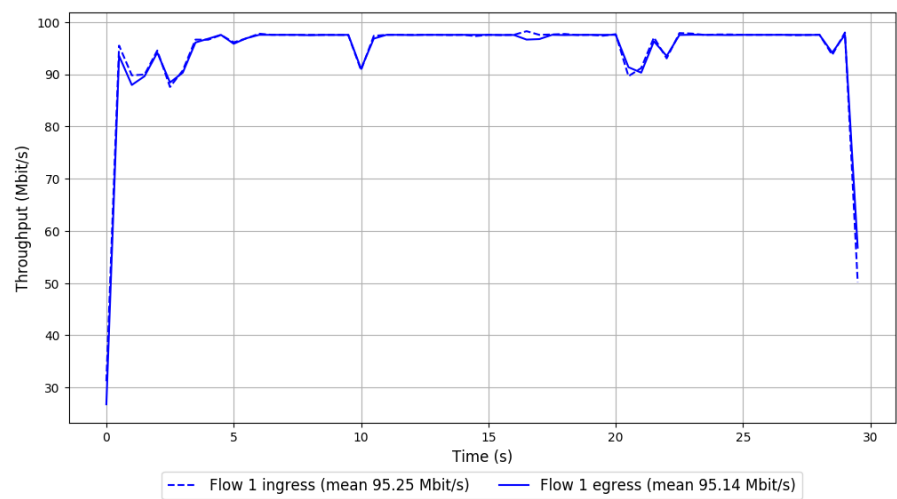
-- Flow 1:

Average throughput: 95.14 Mbit/s

95th percentile per-packet one-way delay: 35.193 ms

Loss rate: 0.10%

Run 7: Report of Indigo — Data Link

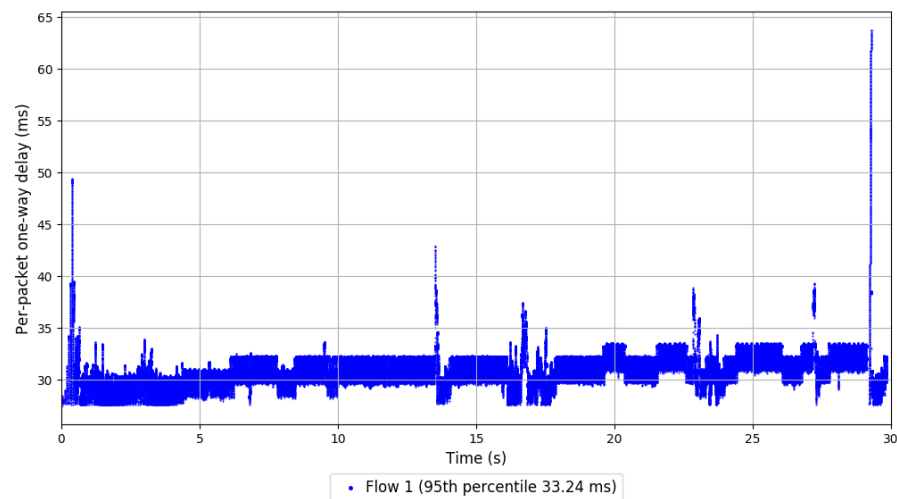
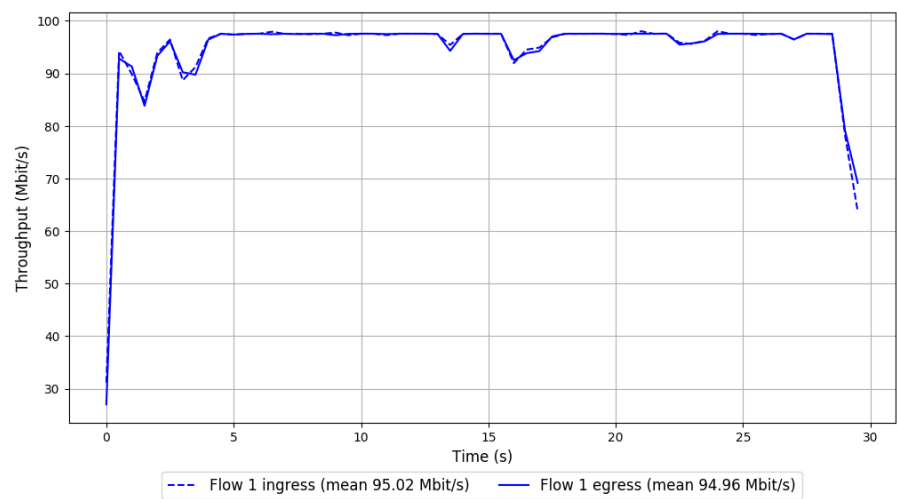


Run 8: Statistics of Indigo

Start at: 2017-12-05 15:17:50
End at: 2017-12-05 15:18:20
Local clock offset: -0.747 ms
Remote clock offset: -3.406 ms

Below is generated by plot.py at 2017-12-05 16:46:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 33.236 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 33.236 ms
Loss rate: 0.05%

Run 8: Report of Indigo — Data Link

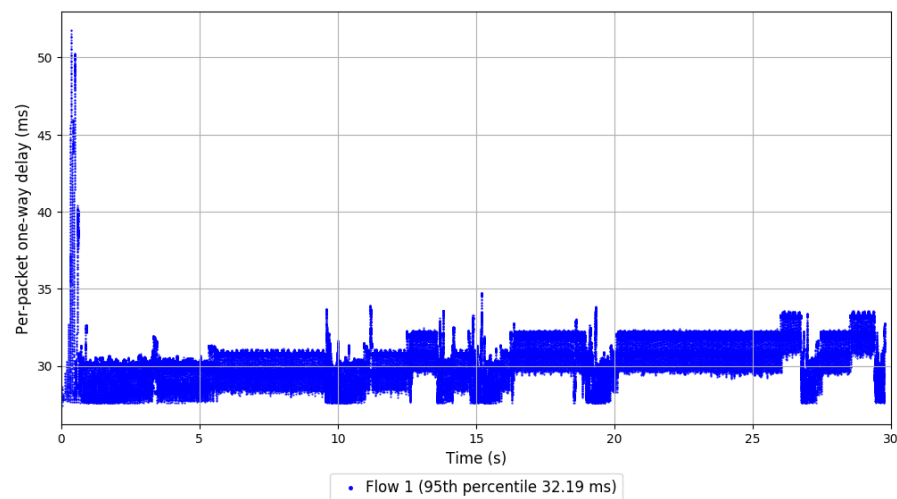
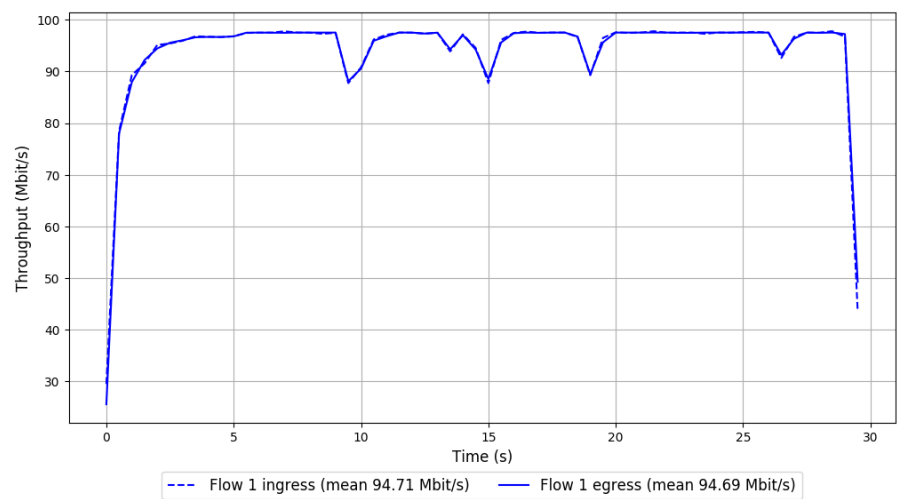


Run 9: Statistics of Indigo

Start at: 2017-12-05 15:37:21
End at: 2017-12-05 15:37:51
Local clock offset: -0.896 ms
Remote clock offset: -3.406 ms

Below is generated by plot.py at 2017-12-05 16:46:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 32.191 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 32.191 ms
Loss rate: 0.01%

Run 9: Report of Indigo — Data Link

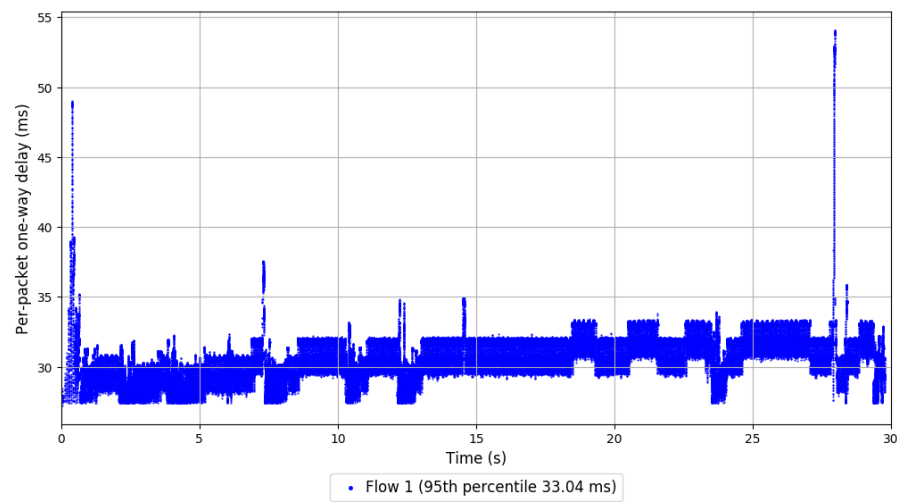
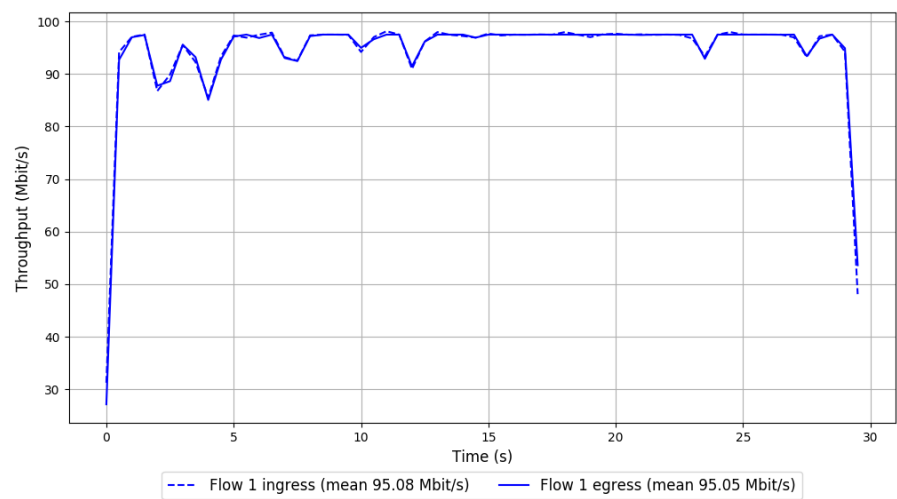


Run 10: Statistics of Indigo

Start at: 2017-12-05 15:56:49
End at: 2017-12-05 15:57:19
Local clock offset: -0.938 ms
Remote clock offset: -3.538 ms

Below is generated by plot.py at 2017-12-05 16:46:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 33.039 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 33.039 ms
Loss rate: 0.02%

Run 10: Report of Indigo — Data Link

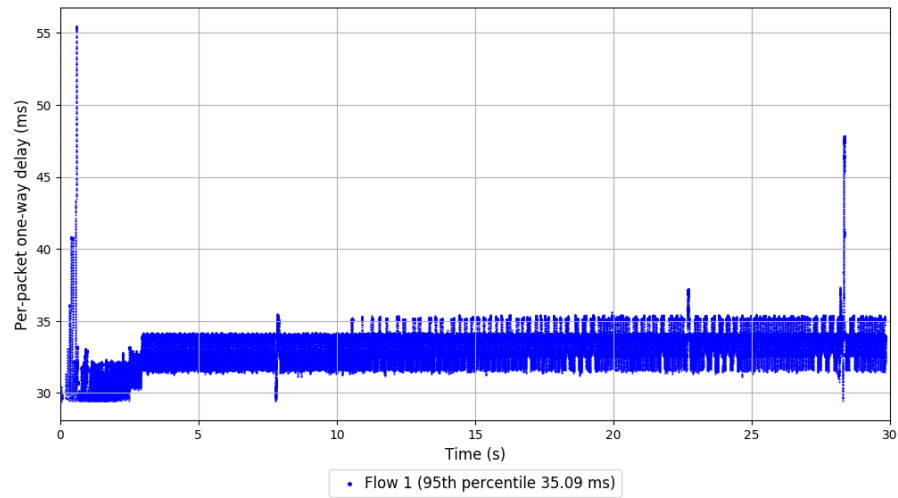
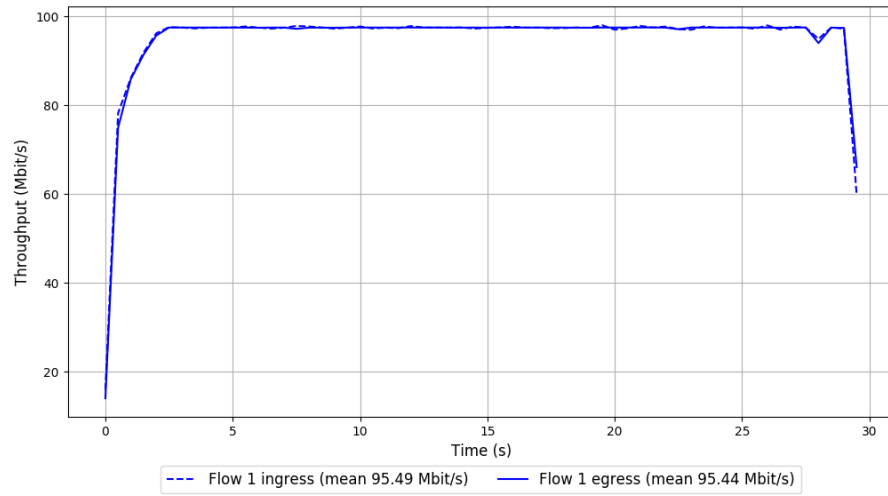


```
Run 1: Statistics of Indigo-calib

Start at: 2017-12-05 12:57:20
End at: 2017-12-05 12:57:51
Local clock offset: 0.322 ms
Remote clock offset: -1.225 ms

# Below is generated by plot.py at 2017-12-05 16:46:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 35.095 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 35.095 ms
Loss rate: 0.03%
```

Run 1: Report of Indigo-calib — Data Link

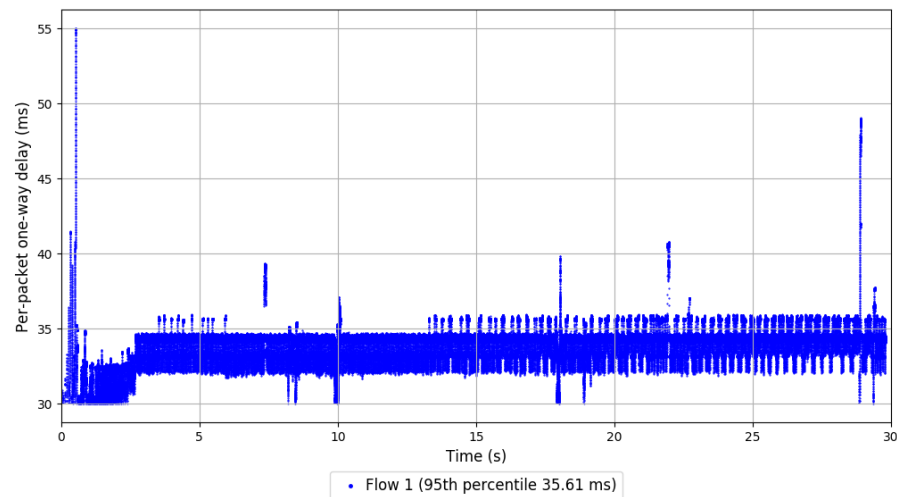
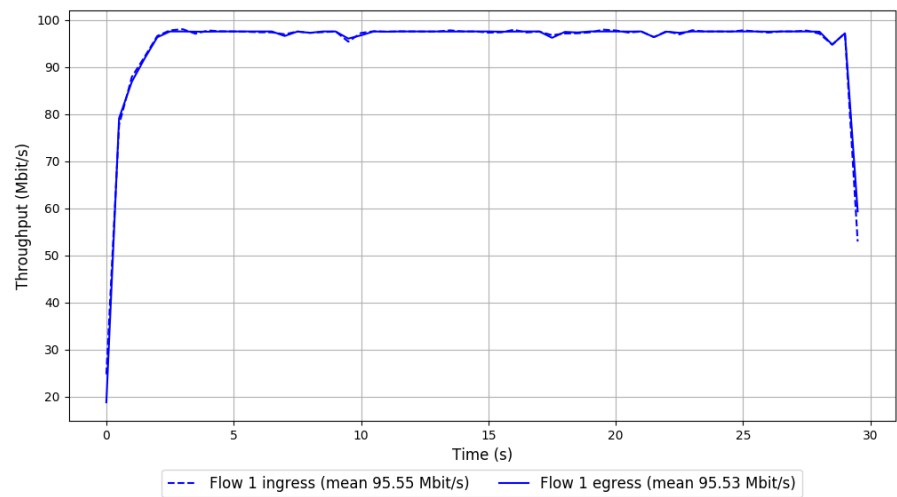


```
Run 2: Statistics of Indigo-calib

Start at: 2017-12-05 13:16:08
End at: 2017-12-05 13:16:38
Local clock offset: 0.224 ms
Remote clock offset: -0.844 ms

# Below is generated by plot.py at 2017-12-05 16:46:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.53 Mbit/s
95th percentile per-packet one-way delay: 35.611 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.53 Mbit/s
95th percentile per-packet one-way delay: 35.611 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-calib — Data Link

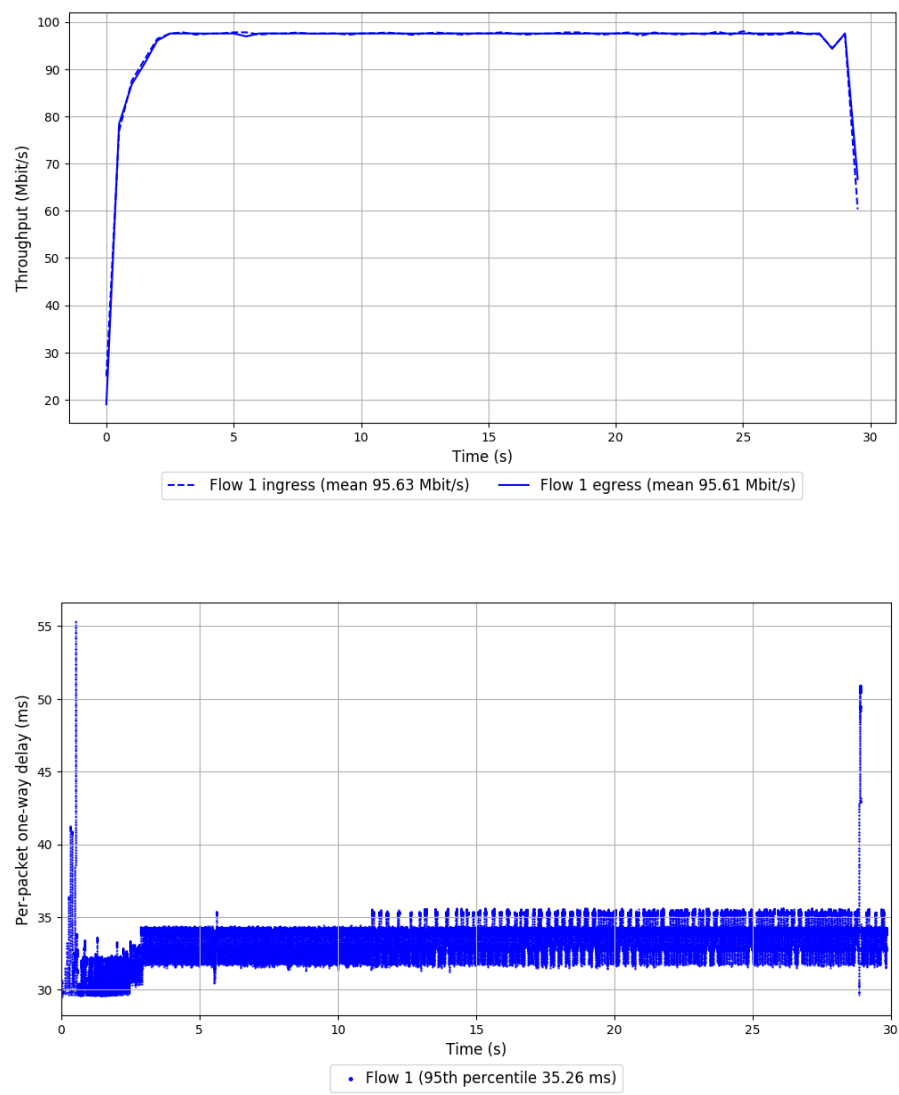


```
Run 3: Statistics of Indigo-calib

Start at: 2017-12-05 13:35:21
End at: 2017-12-05 13:35:51
Local clock offset: -0.019 ms
Remote clock offset: -1.296 ms

# Below is generated by plot.py at 2017-12-05 16:46:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 35.259 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 35.259 ms
Loss rate: 0.01%
```

Run 3: Report of Indigo-calib — Data Link

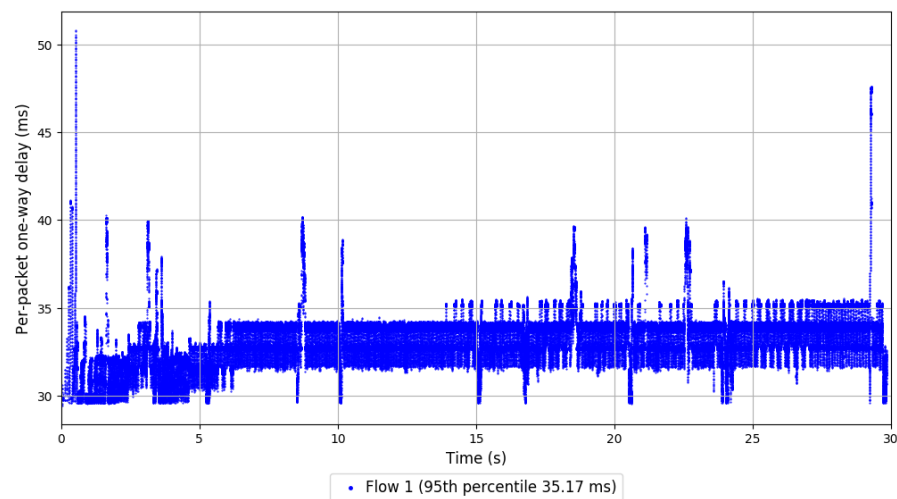
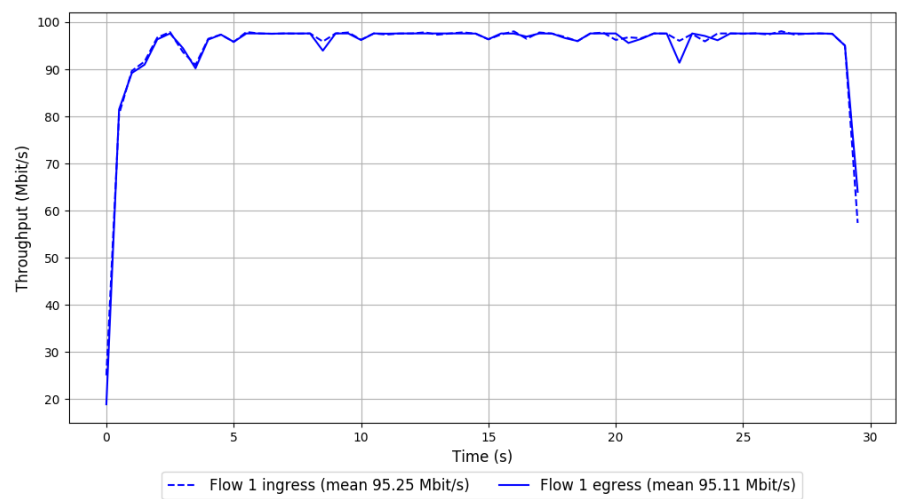


Run 4: Statistics of Indigo-calib

Start at: 2017-12-05 13:54:07
End at: 2017-12-05 13:54:37
Local clock offset: -0.144 ms
Remote clock offset: -1.327 ms

Below is generated by plot.py at 2017-12-05 16:46:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.11 Mbit/s
95th percentile per-packet one-way delay: 35.171 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 95.11 Mbit/s
95th percentile per-packet one-way delay: 35.171 ms
Loss rate: 0.14%

Run 4: Report of Indigo-calib — Data Link

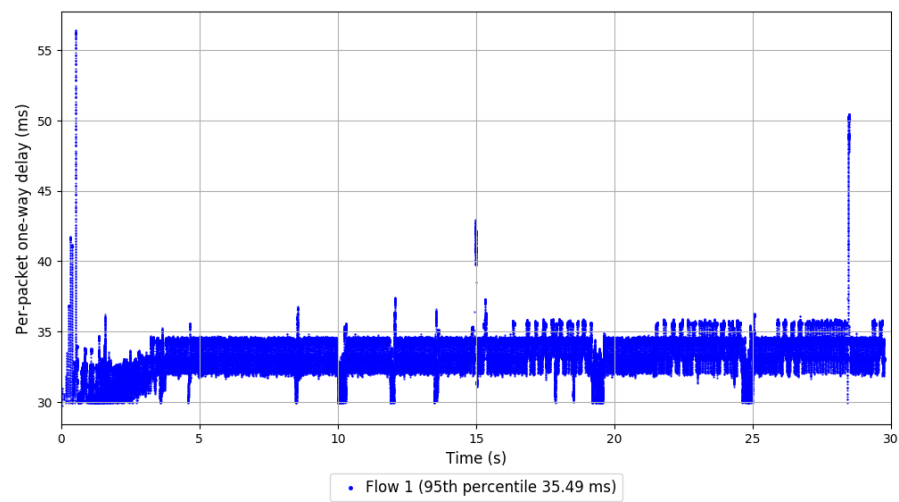
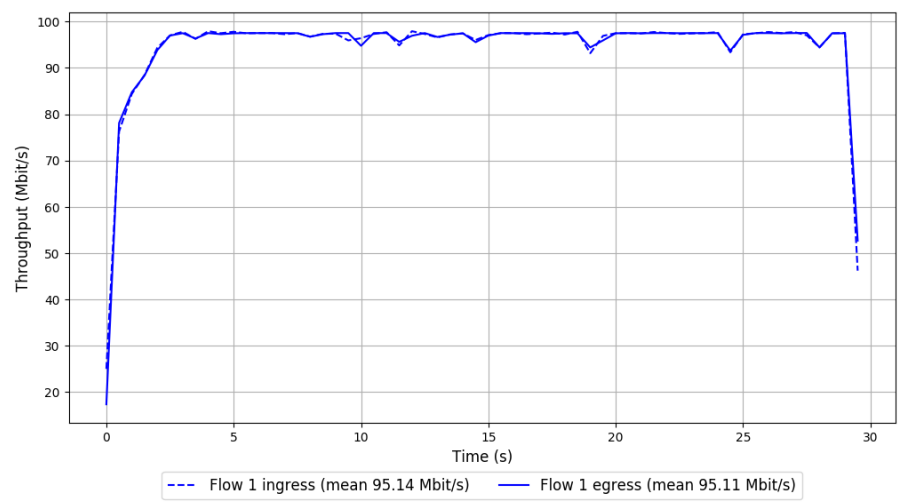


Run 5: Statistics of Indigo-calib

Start at: 2017-12-05 14:13:06
End at: 2017-12-05 14:13:36
Local clock offset: -0.328 ms
Remote clock offset: -1.085 ms

Below is generated by plot.py at 2017-12-05 16:47:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.11 Mbit/s
95th percentile per-packet one-way delay: 35.492 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.11 Mbit/s
95th percentile per-packet one-way delay: 35.492 ms
Loss rate: 0.02%

Run 5: Report of Indigo-calib — Data Link

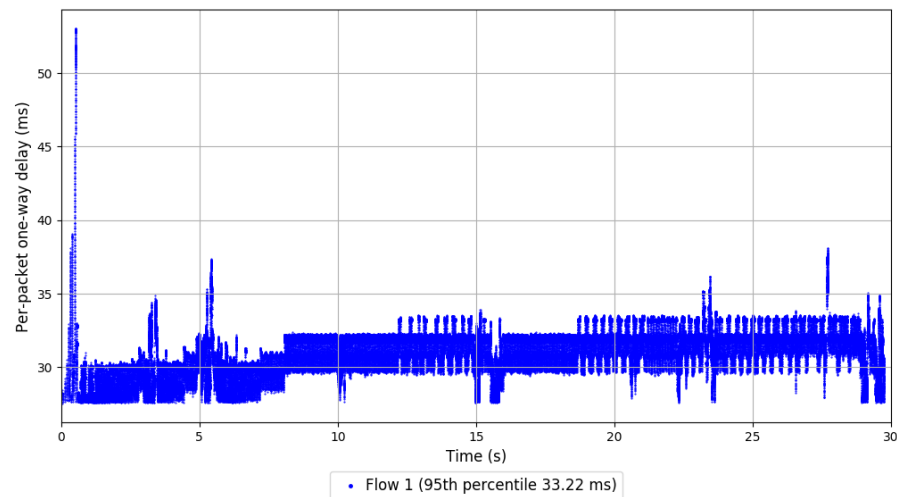
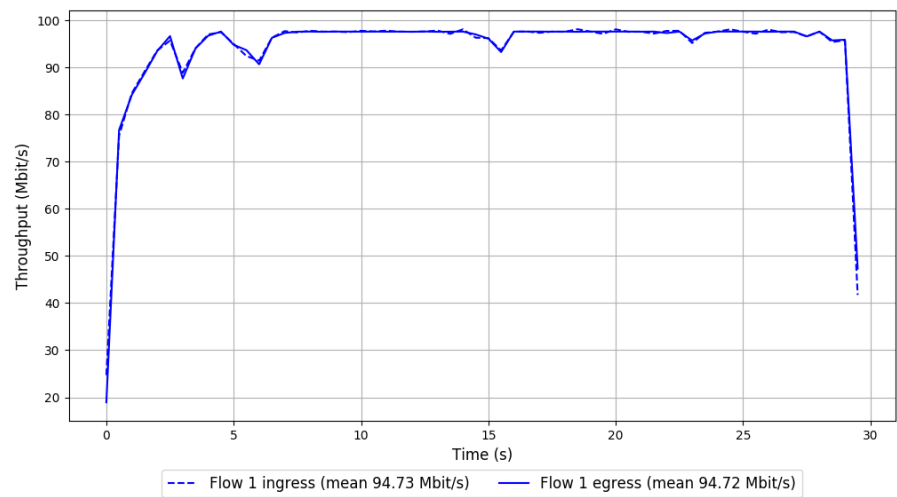


Run 6: Statistics of Indigo-calib

Start at: 2017-12-05 14:32:21
End at: 2017-12-05 14:32:51
Local clock offset: -0.518 ms
Remote clock offset: -3.628 ms

Below is generated by plot.py at 2017-12-05 16:47:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.72 Mbit/s
95th percentile per-packet one-way delay: 33.220 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.72 Mbit/s
95th percentile per-packet one-way delay: 33.220 ms
Loss rate: 0.01%

Run 6: Report of Indigo-calib — Data Link

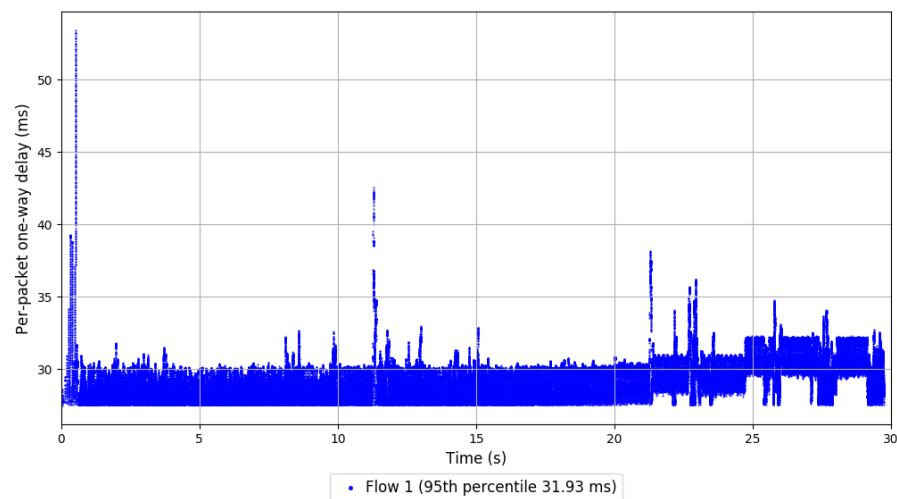
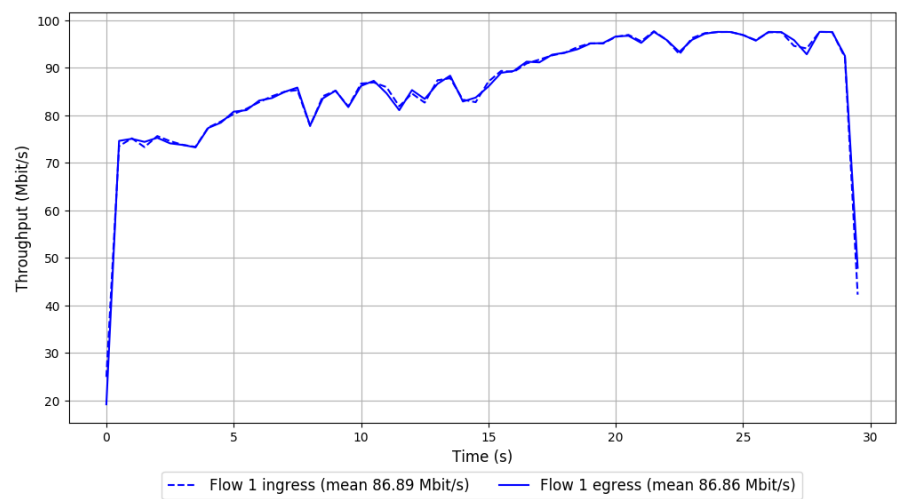


Run 7: Statistics of Indigo-calib

Start at: 2017-12-05 14:51:50
End at: 2017-12-05 14:52:20
Local clock offset: -0.607 ms
Remote clock offset: -3.582 ms

Below is generated by plot.py at 2017-12-05 16:47:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.86 Mbit/s
95th percentile per-packet one-way delay: 31.932 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 86.86 Mbit/s
95th percentile per-packet one-way delay: 31.932 ms
Loss rate: 0.03%

Run 7: Report of Indigo-calib — Data Link

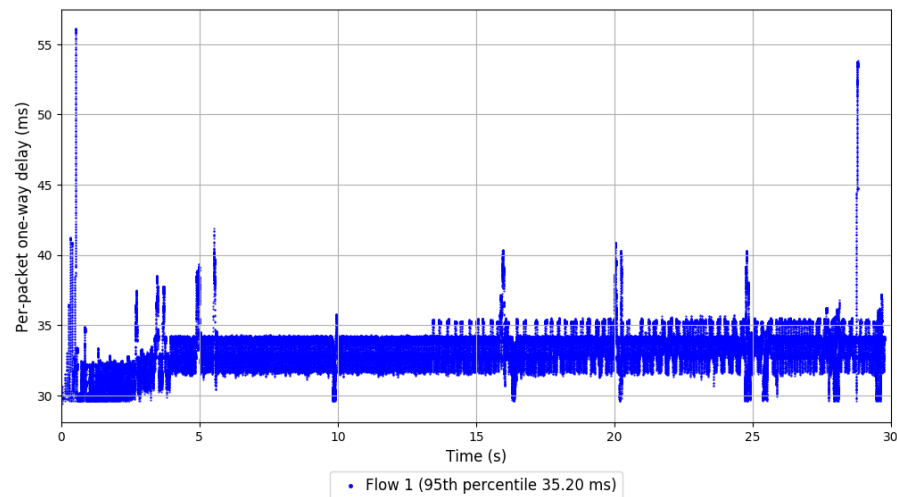
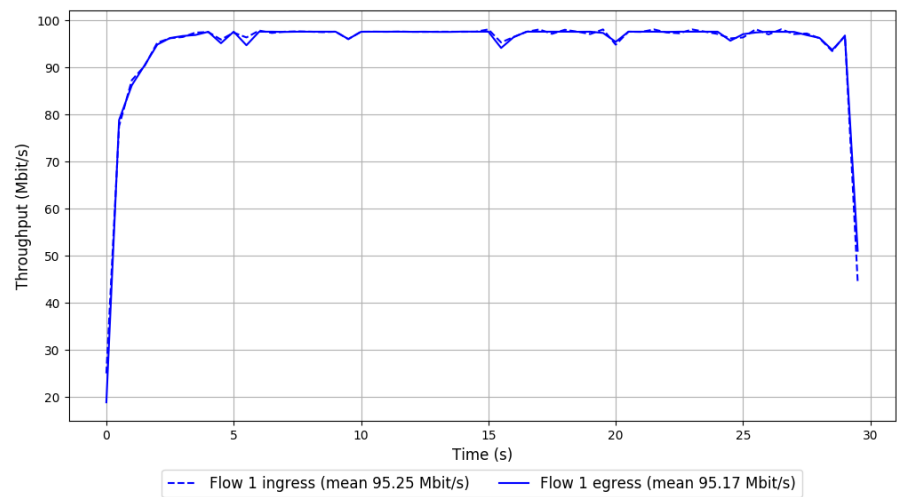


Run 8: Statistics of Indigo-calib

Start at: 2017-12-05 15:11:06
End at: 2017-12-05 15:11:36
Local clock offset: -0.703 ms
Remote clock offset: -1.451 ms

Below is generated by plot.py at 2017-12-05 16:47:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.17 Mbit/s
95th percentile per-packet one-way delay: 35.200 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.17 Mbit/s
95th percentile per-packet one-way delay: 35.200 ms
Loss rate: 0.07%

Run 8: Report of Indigo-calib — Data Link



Run 9: Statistics of Indigo-calib

Start at: 2017-12-05 15:30:31

End at: 2017-12-05 15:31:01

Local clock offset: -0.845 ms

Remote clock offset: -0.9 ms

Below is generated by plot.py at 2017-12-05 16:47:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.45 Mbit/s

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

Loss rate: 0.18%

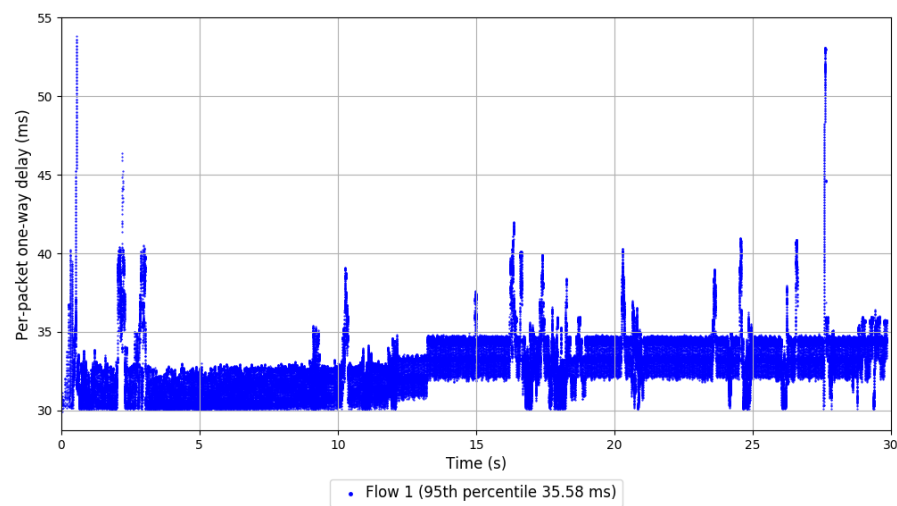
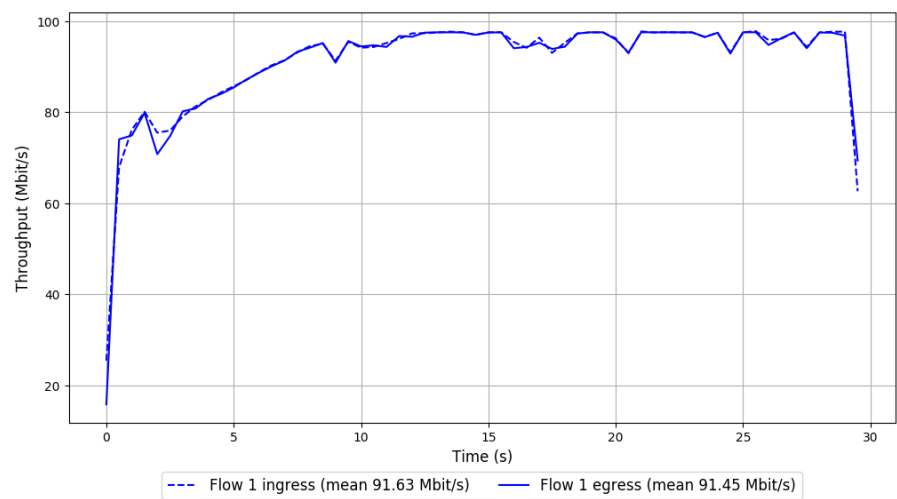
-- Flow 1:

Average throughput: 91.45 Mbit/s

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

Loss rate: 0.18%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-12-05 15:49:59

End at: 2017-12-05 15:50:29

Local clock offset: -0.891 ms

Remote clock offset: -3.563 ms

Below is generated by plot.py at 2017-12-05 16:47:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.25 Mbit/s

95th percentile per-packet one-way delay: 32.986 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 95.25 Mbit/s

95th percentile per-packet one-way delay: 32.986 ms

Loss rate: 0.03%

Run 10: Report of Indigo-calib — Data Link

