

Pantheon Report

Generated at 2017-08-29 15:52:00 (UTC).

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

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

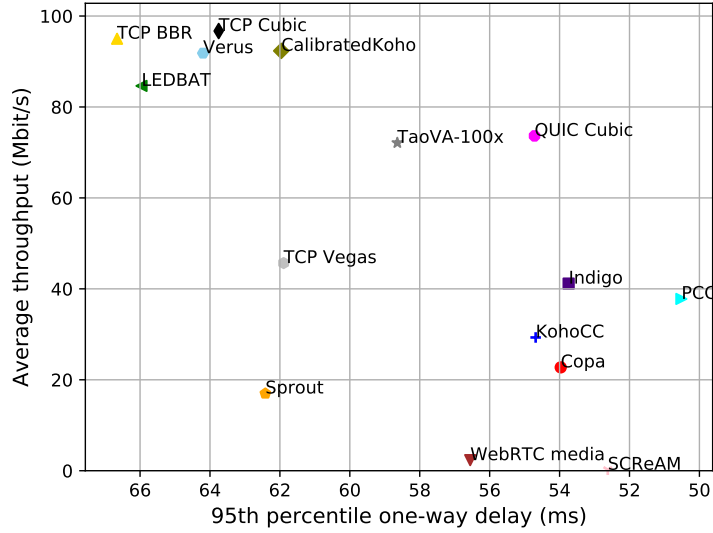
Tested BBR with qdisc of Fair Queuing (*fq*), and other schemes with the default Linux qdisc (*pfifo_fast*).

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

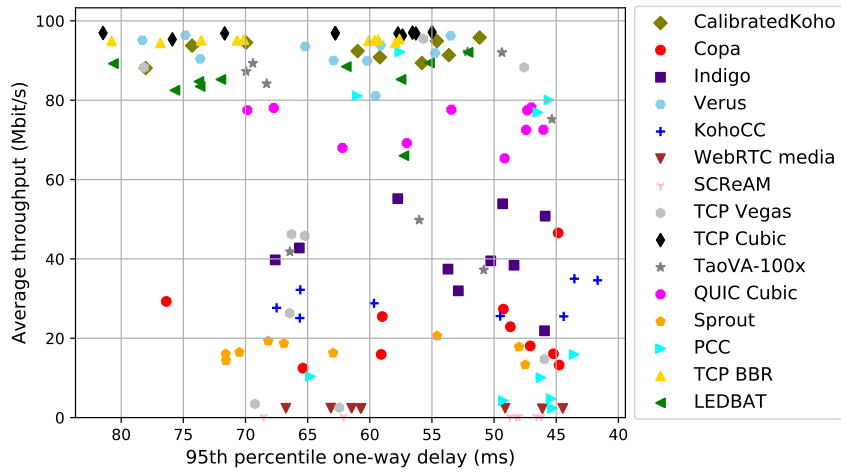
Git summary:

```
branch: master @ 8a8eb0fa450ac2fa3f5abc8e72a84db4249be58f
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ 7ddb4adf480966042c0438984cb22a298bfa635f
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
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 India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



| scheme | # runs | mean avg tput (Mbit/s) | mean 95th-%ile delay (ms) | mean loss rate (%) |
|----------------|--------|------------------------|---------------------------|--------------------|
| | | flow 1 | flow 1 | flow 1 |
| TCP BBR | 10 | 95.01 | 66.66 | 0.17 |
| CalibratedKoho | 9 | 92.34 | 61.96 | 0.16 |
| Copa | 10 | 22.73 | 53.97 | 0.10 |
| TCP Cubic | 10 | 96.70 | 63.75 | 0.20 |
| Indigo | 10 | 41.15 | 53.74 | 0.15 |
| KohoCC | 8 | 29.31 | 54.68 | 0.14 |
| LEDBAT | 10 | 84.64 | 65.96 | 0.20 |
| PCC | 10 | 37.79 | 50.52 | 0.16 |
| QUIC Cubic | 10 | 73.64 | 54.72 | 0.12 |
| SReAM | 7 | 0.22 | 52.62 | 0.15 |
| Sprout | 9 | 16.99 | 62.42 | 0.13 |
| TaoVA-100x | 9 | 72.12 | 58.64 | 0.16 |
| TCP Vegas | 9 | 45.67 | 61.89 | 0.20 |
| Verus | 10 | 91.84 | 64.20 | 0.18 |
| WebRTC media | 8 | 2.32 | 56.56 | 0.15 |

Run 1: Statistics of TCP BBR

Start at: 2017-08-29 07:42:51

End at: 2017-08-29 07:43:21

Local clock offset: 1.307 ms

Remote clock offset: -33.675 ms

Below is generated by plot.py at 2017-08-29 15:42:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.45 Mbit/s

95th percentile per-packet one-way delay: 57.610 ms

Loss rate: 0.14%

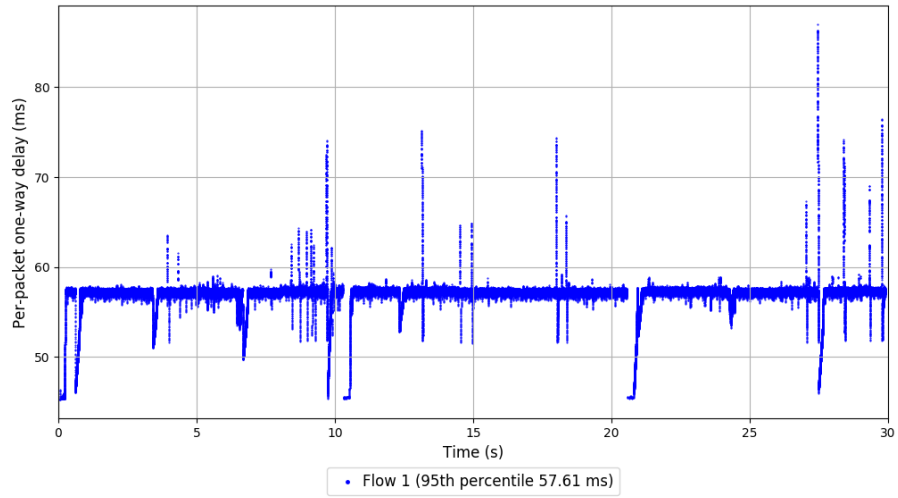
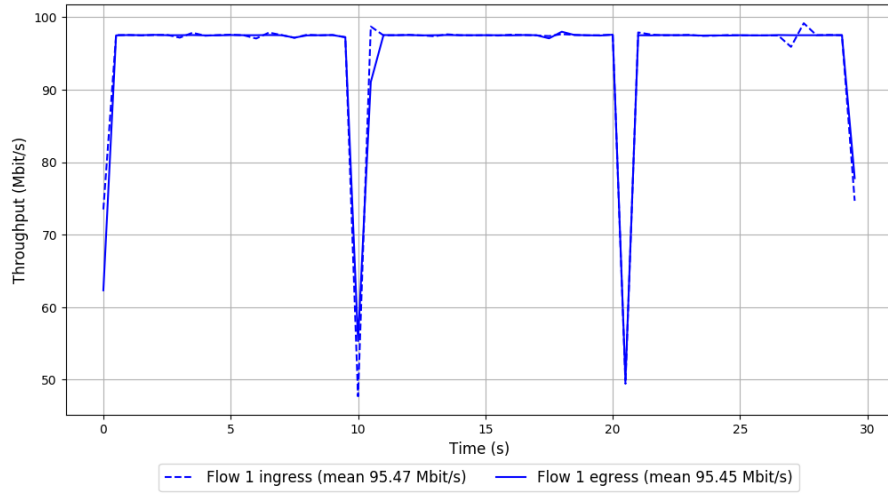
-- Flow 1:

Average throughput: 95.45 Mbit/s

95th percentile per-packet one-way delay: 57.610 ms

Loss rate: 0.14%

Run 1: Report of TCP BBR — Data Link

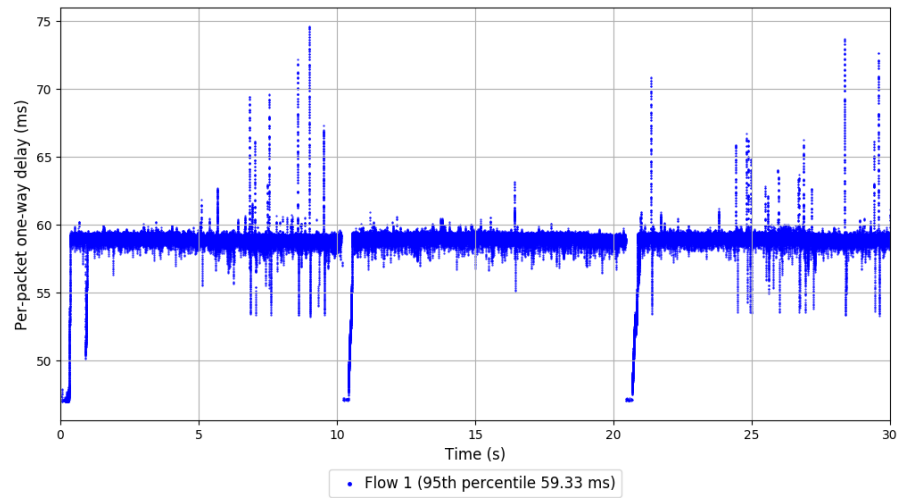
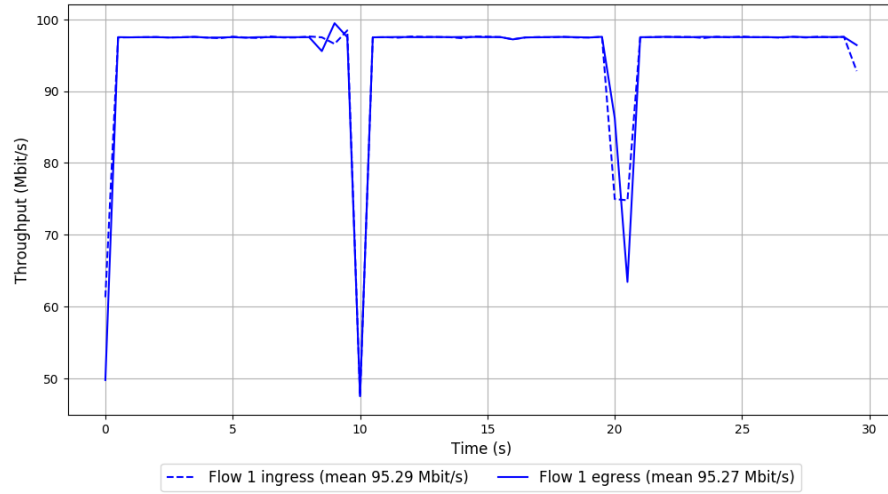


Run 2: Statistics of TCP BBR

Start at: 2017-08-29 08:00:35
End at: 2017-08-29 08:01:05
Local clock offset: 1.446 ms
Remote clock offset: -34.508 ms

Below is generated by plot.py at 2017-08-29 15:42:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 59.334 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 59.334 ms
Loss rate: 0.14%

Run 2: Report of TCP BBR — Data Link

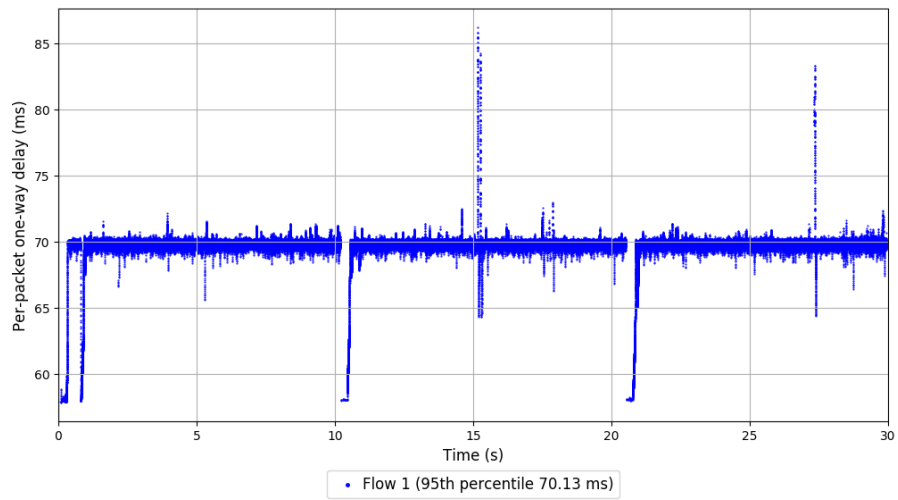
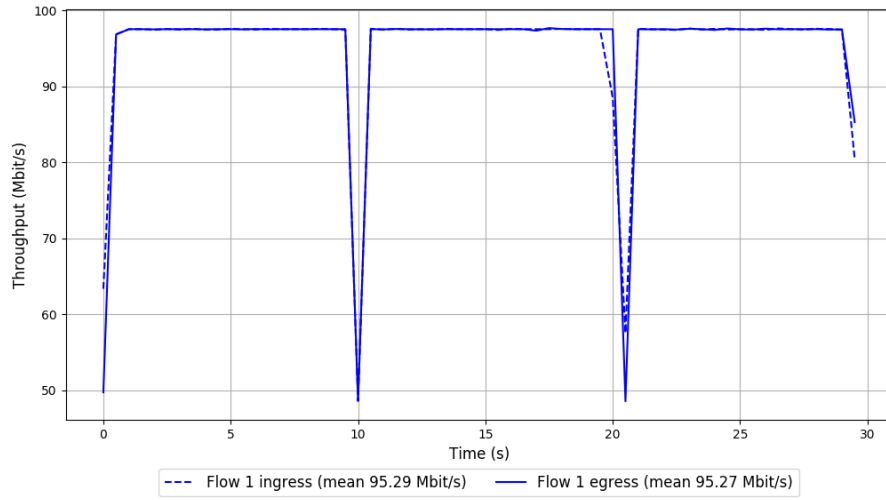


Run 3: Statistics of TCP BBR

Start at: 2017-08-29 08:18:25
End at: 2017-08-29 08:18:55
Local clock offset: -0.68 ms
Remote clock offset: -41.601 ms

Below is generated by plot.py at 2017-08-29 15:42:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 70.133 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 70.133 ms
Loss rate: 0.15%

Run 3: Report of TCP BBR — Data Link

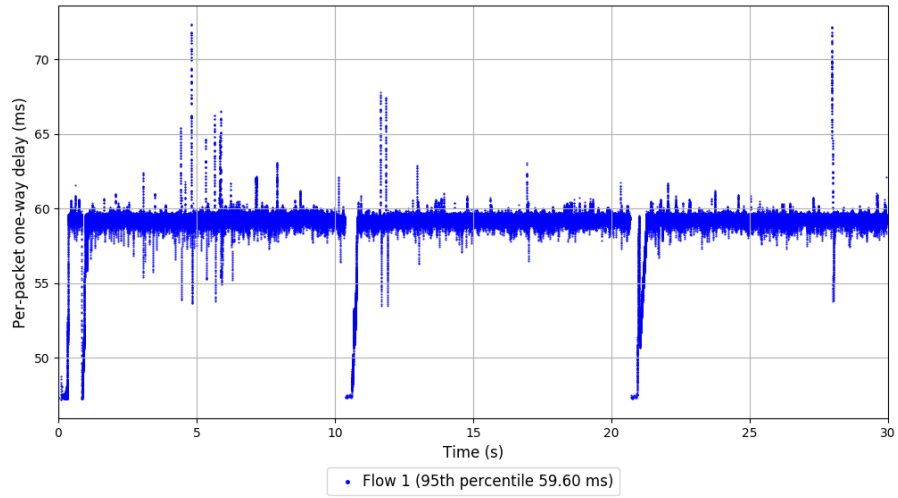
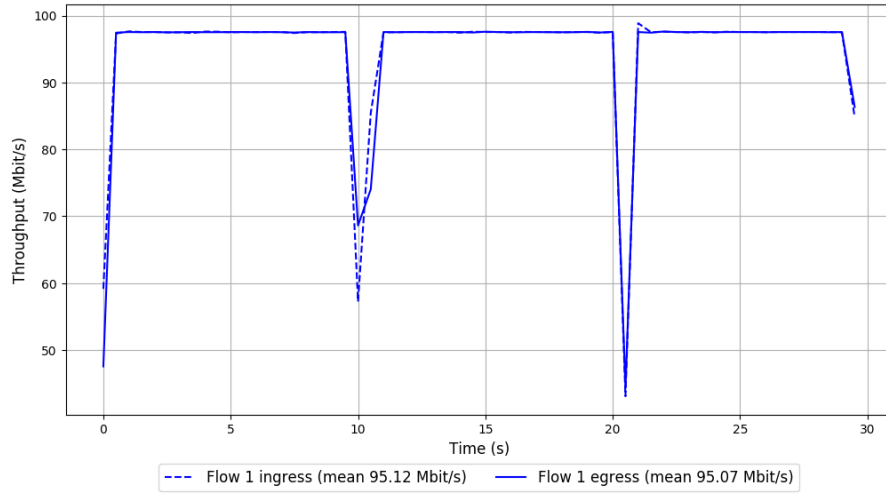


Run 4: Statistics of TCP BBR

Start at: 2017-08-29 08:37:55
End at: 2017-08-29 08:38:25
Local clock offset: 1.417 ms
Remote clock offset: -30.374 ms

Below is generated by plot.py at 2017-08-29 15:42:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 59.604 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 59.604 ms
Loss rate: 0.18%

Run 4: Report of TCP BBR — Data Link

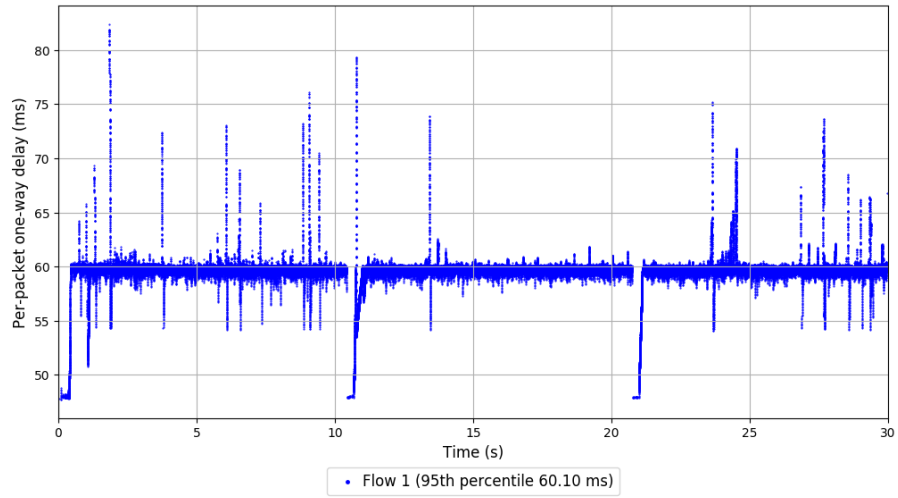
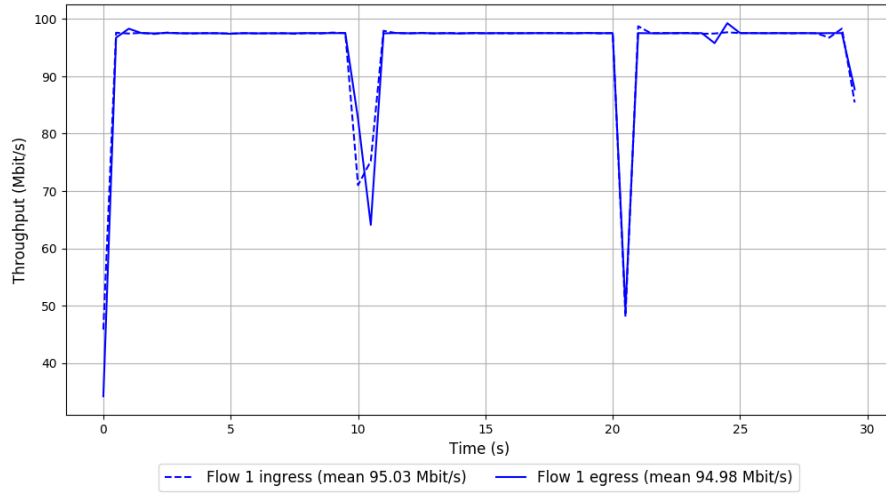


Run 5: Statistics of TCP BBR

Start at: 2017-08-29 08:56:31
End at: 2017-08-29 08:57:01
Local clock offset: -1.971 ms
Remote clock offset: -34.188 ms

Below is generated by plot.py at 2017-08-29 15:42:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 60.098 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 60.098 ms
Loss rate: 0.16%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2017-08-29 09:17:34
End at: 2017-08-29 09:18:04
Local clock offset: 0.435 ms
Remote clock offset: -49.552 ms

Below is generated by plot.py at 2017-08-29 15:42:36

Datalink statistics

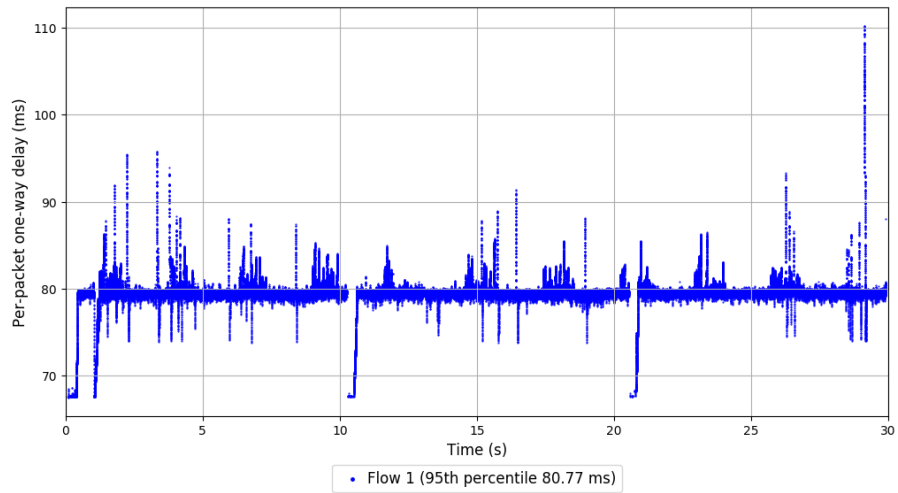
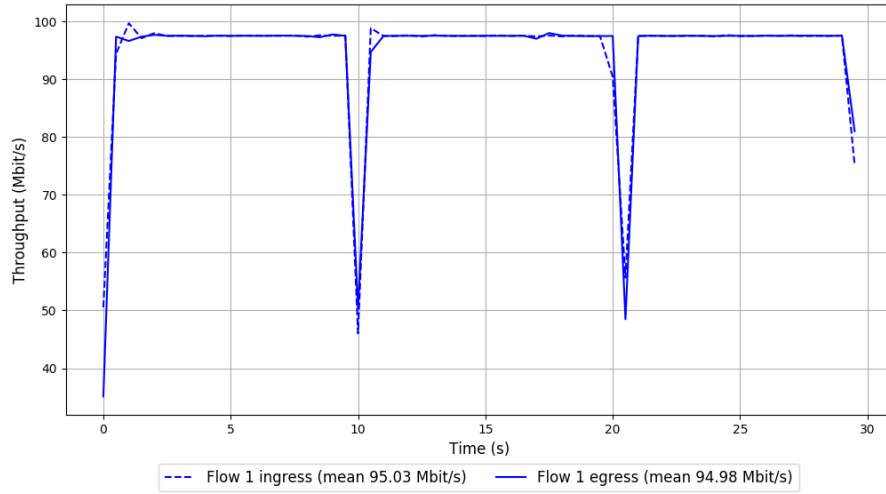
-- Total of 1 flow:

Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 80.774 ms
Loss rate: 0.17%

-- Flow 1:

Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 80.774 ms
Loss rate: 0.17%

Run 6: Report of TCP BBR — Data Link

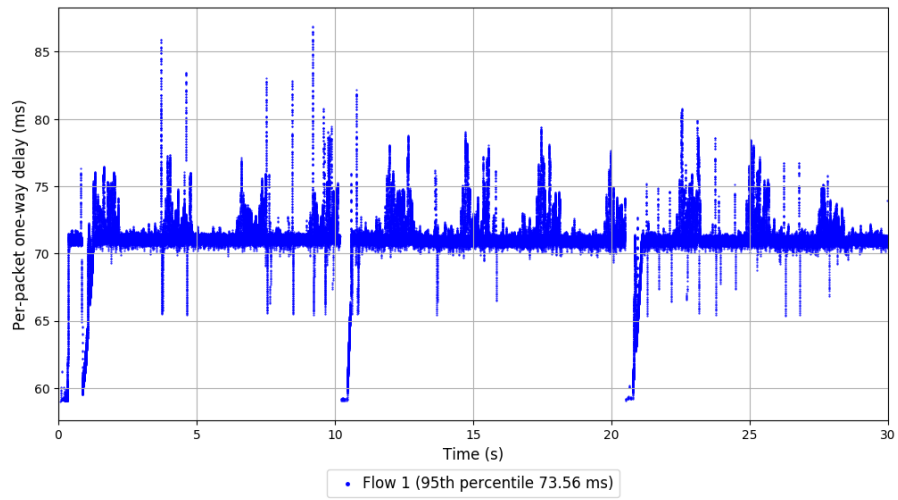
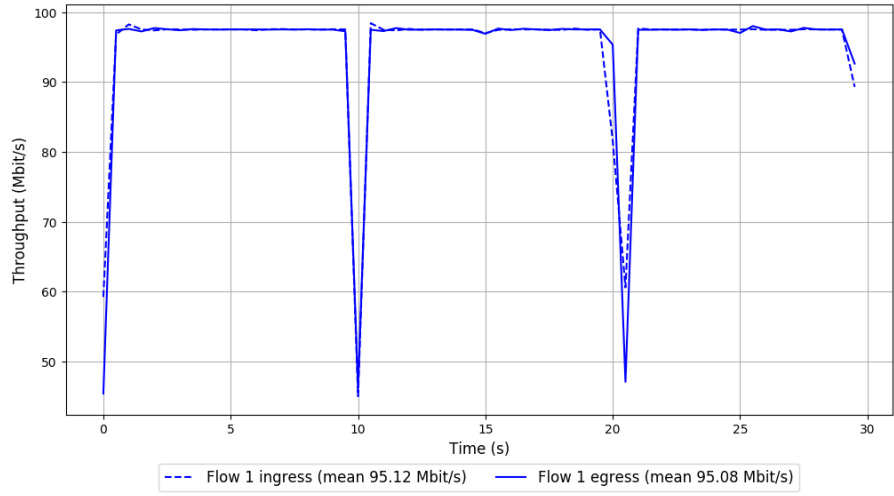


Run 7: Statistics of TCP BBR

Start at: 2017-08-29 09:40:16
End at: 2017-08-29 09:40:46
Local clock offset: -1.629 ms
Remote clock offset: -43.621 ms

Below is generated by plot.py at 2017-08-29 15:42:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.08 Mbit/s
95th percentile per-packet one-way delay: 73.560 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 95.08 Mbit/s
95th percentile per-packet one-way delay: 73.560 ms
Loss rate: 0.18%

Run 7: Report of TCP BBR — Data Link

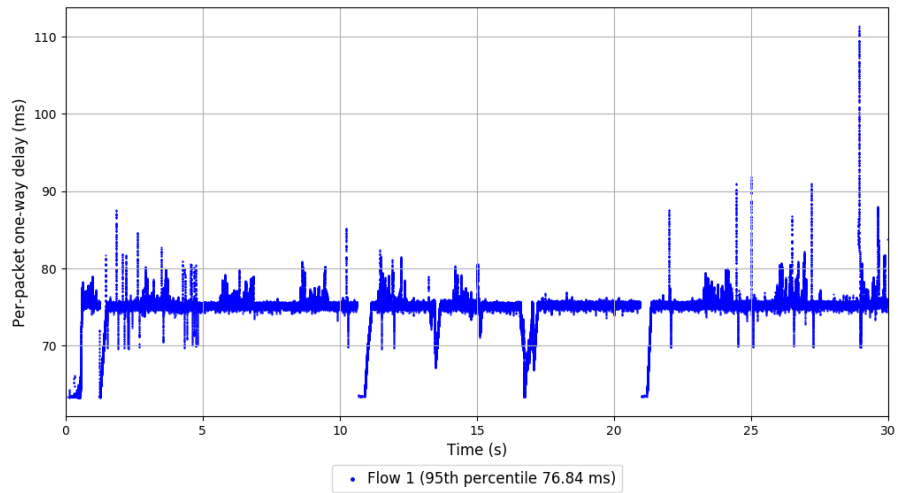
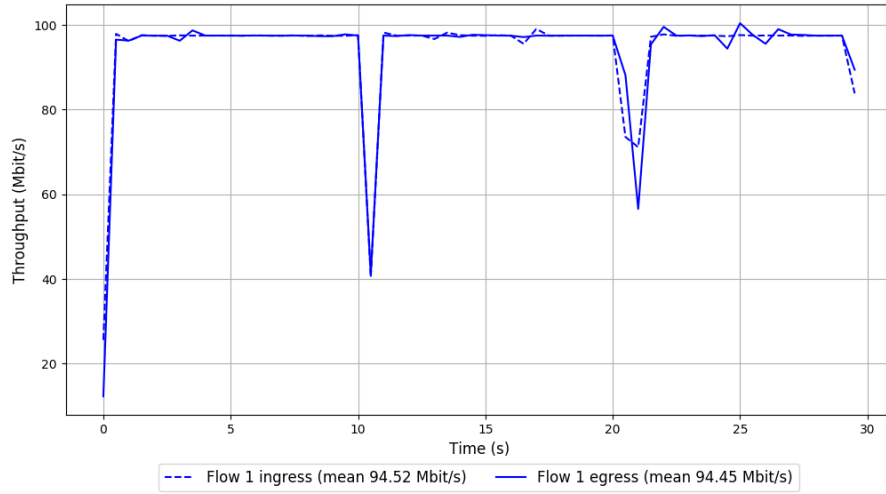


Run 8: Statistics of TCP BBR

Start at: 2017-08-29 10:01:58
End at: 2017-08-29 10:02:28
Local clock offset: 1.042 ms
Remote clock offset: -45.701 ms

Below is generated by plot.py at 2017-08-29 15:42:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 76.842 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 76.842 ms
Loss rate: 0.16%

Run 8: Report of TCP BBR — Data Link

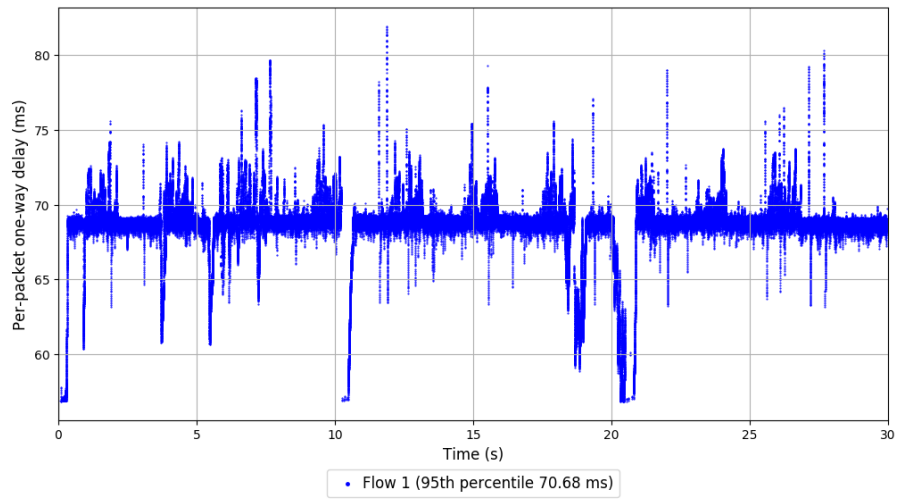
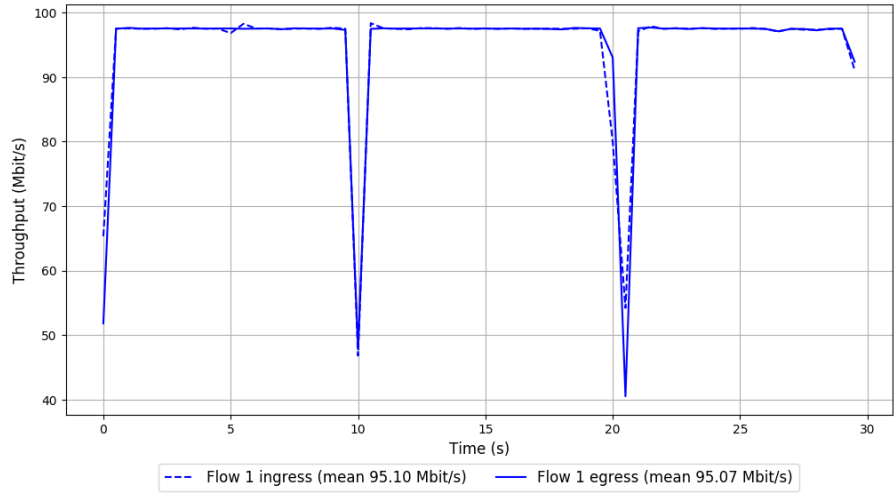


Run 9: Statistics of TCP BBR

Start at: 2017-08-29 10:24:52
End at: 2017-08-29 10:25:22
Local clock offset: -7.015 ms
Remote clock offset: -50.446 ms

Below is generated by plot.py at 2017-08-29 15:42:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 70.682 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 70.682 ms
Loss rate: 0.21%

Run 9: Report of TCP BBR — Data Link

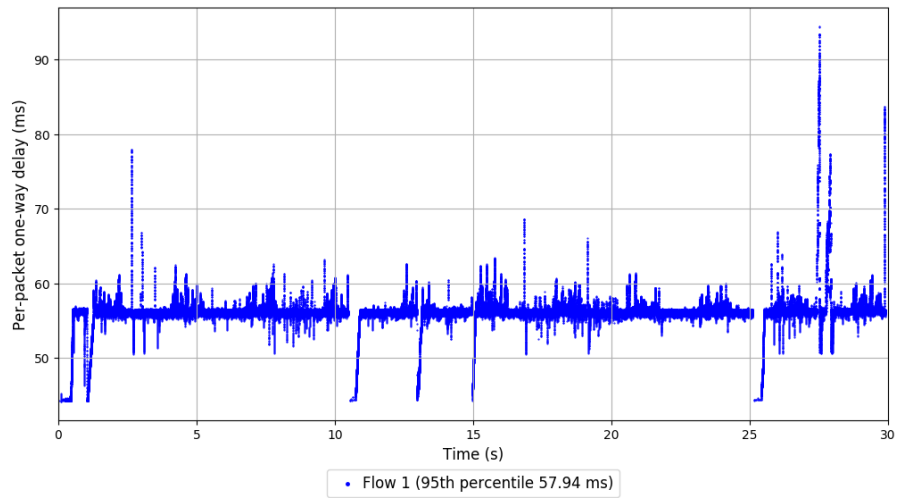
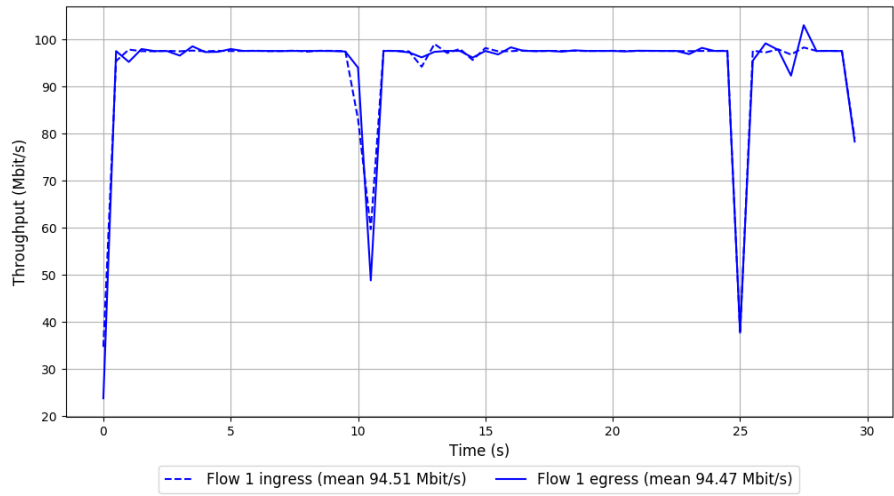


Run 10: Statistics of TCP BBR

Start at: 2017-08-29 10:46:18
End at: 2017-08-29 10:46:48
Local clock offset: 0.155 ms
Remote clock offset: -31.864 ms

Below is generated by plot.py at 2017-08-29 15:43:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 57.938 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 57.938 ms
Loss rate: 0.21%

Run 10: Report of TCP BBR — Data Link

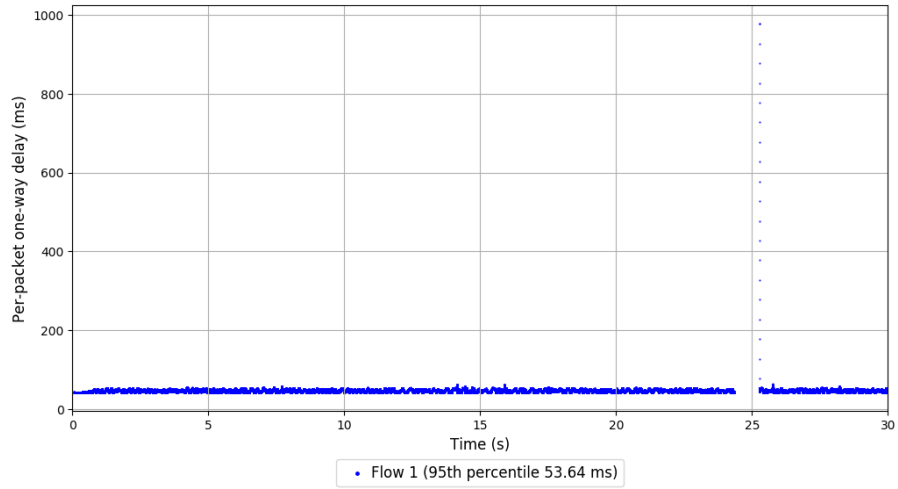
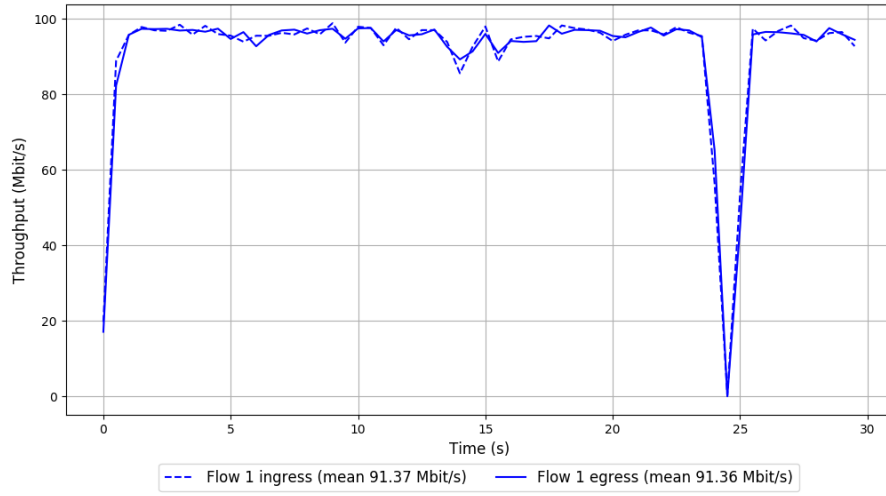


Run 1: Statistics of CalibratedKoho

Start at: 2017-08-29 07:51:02
End at: 2017-08-29 07:51:32
Local clock offset: -2.101 ms
Remote clock offset: -33.935 ms

Below is generated by plot.py at 2017-08-29 15:43:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.36 Mbit/s
95th percentile per-packet one-way delay: 53.637 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 91.36 Mbit/s
95th percentile per-packet one-way delay: 53.637 ms
Loss rate: 0.14%

Run 1: Report of CalibratedKoho — Data Link

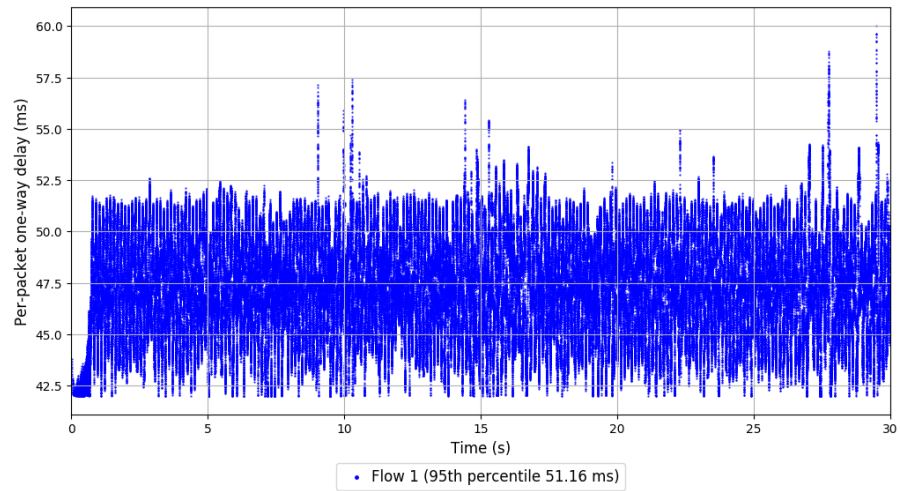
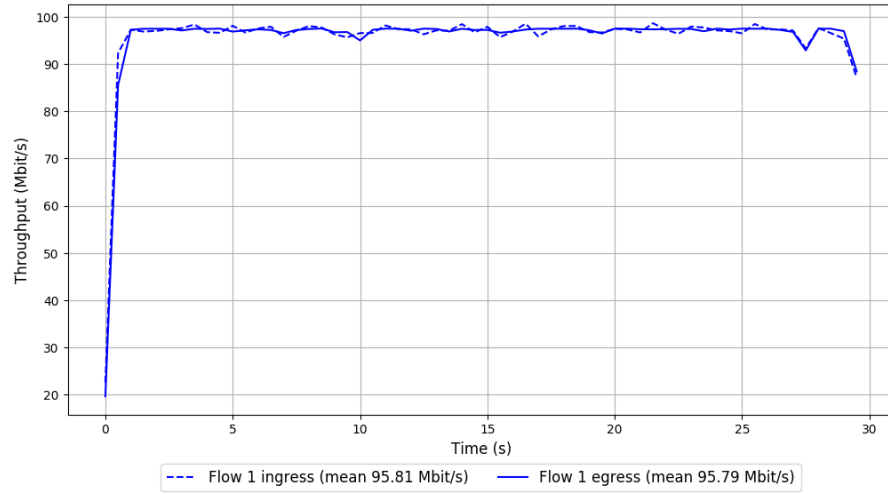


Run 2: Statistics of CalibratedKoho

Start at: 2017-08-29 08:08:51
End at: 2017-08-29 08:09:21
Local clock offset: -2.075 ms
Remote clock offset: -32.914 ms

Below is generated by plot.py at 2017-08-29 15:43:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 51.160 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 51.160 ms
Loss rate: 0.11%

Run 2: Report of CalibratedKoho — Data Link

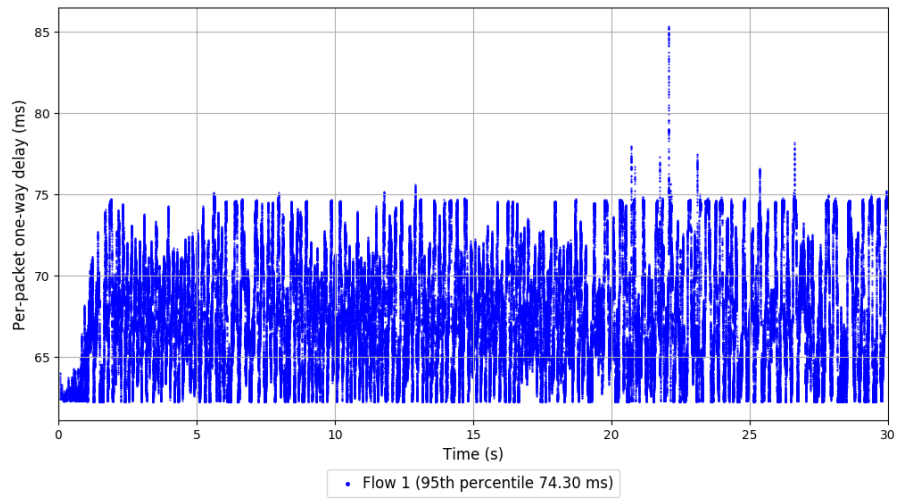
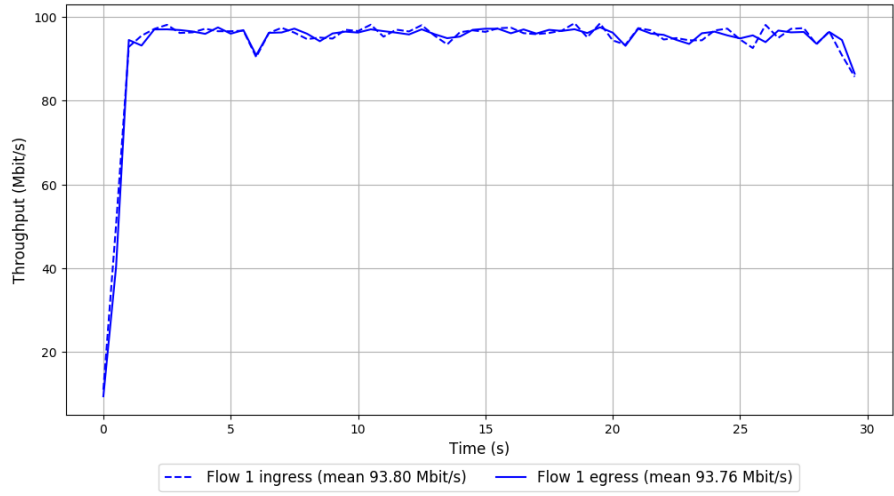


Run 3: Statistics of CalibratedKoho

Start at: 2017-08-29 08:27:11
End at: 2017-08-29 08:27:41
Local clock offset: 0.192 ms
Remote clock offset: -46.765 ms

Below is generated by plot.py at 2017-08-29 15:43:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.76 Mbit/s
95th percentile per-packet one-way delay: 74.295 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 93.76 Mbit/s
95th percentile per-packet one-way delay: 74.295 ms
Loss rate: 0.18%

Run 3: Report of CalibratedKoho — Data Link

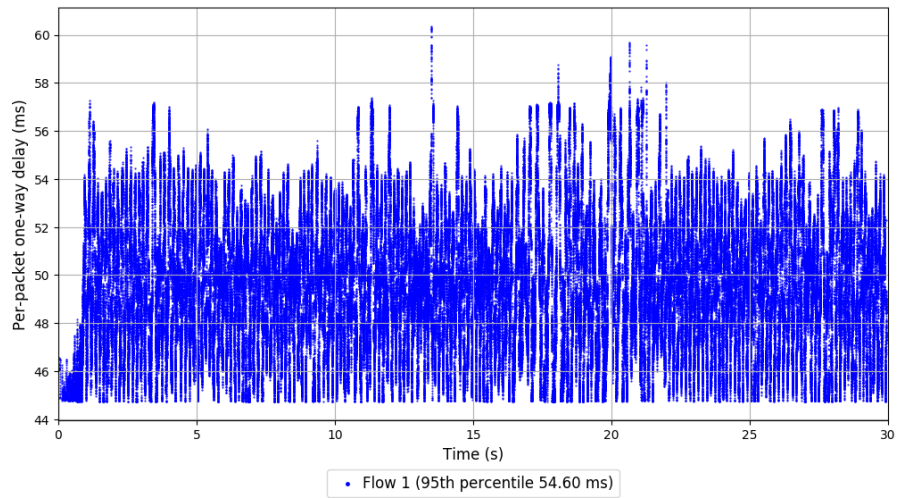
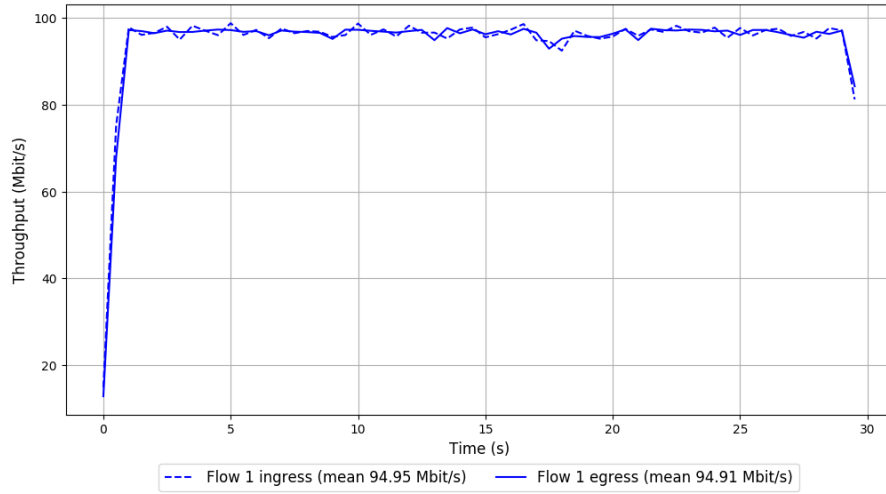


Run 4: Statistics of CalibratedKoho

Start at: 2017-08-29 08:46:39
End at: 2017-08-29 08:47:09
Local clock offset: -1.297 ms
Remote clock offset: -30.483 ms

```
# Below is generated by plot.py at 2017-08-29 15:43:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.91 Mbit/s
95th percentile per-packet one-way delay: 54.600 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 94.91 Mbit/s
95th percentile per-packet one-way delay: 54.600 ms
Loss rate: 0.13%
```

Run 4: Report of CalibratedKoho — Data Link

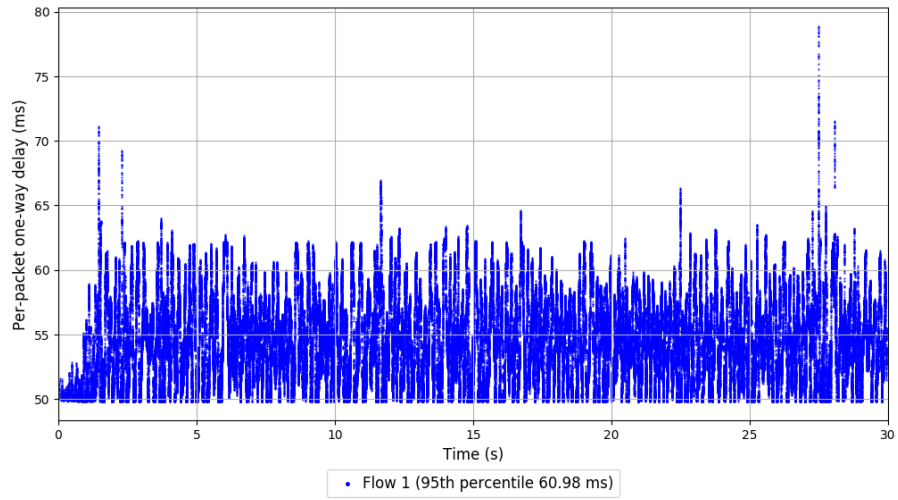
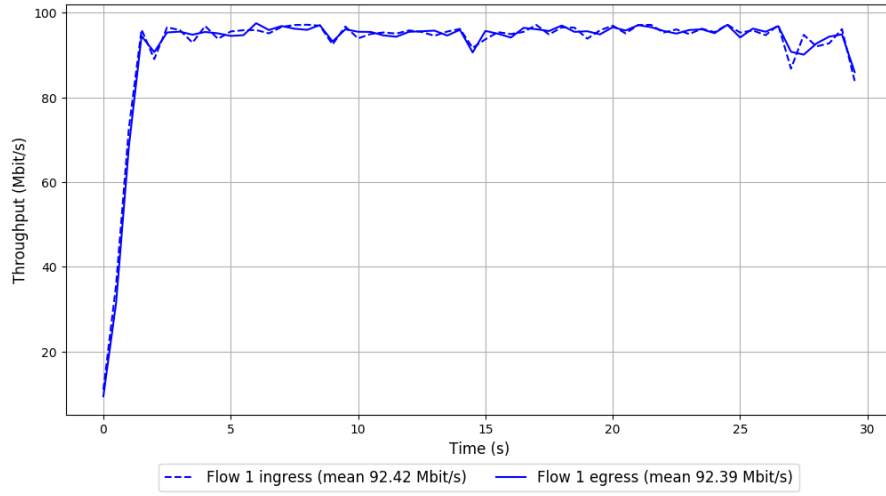


Run 5: Statistics of CalibratedKoho

Start at: 2017-08-29 09:05:33
End at: 2017-08-29 09:06:03
Local clock offset: 0.517 ms
Remote clock offset: -33.518 ms

Below is generated by plot.py at 2017-08-29 15:43:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 60.977 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 60.977 ms
Loss rate: 0.15%

Run 5: Report of CalibratedKoho — Data Link

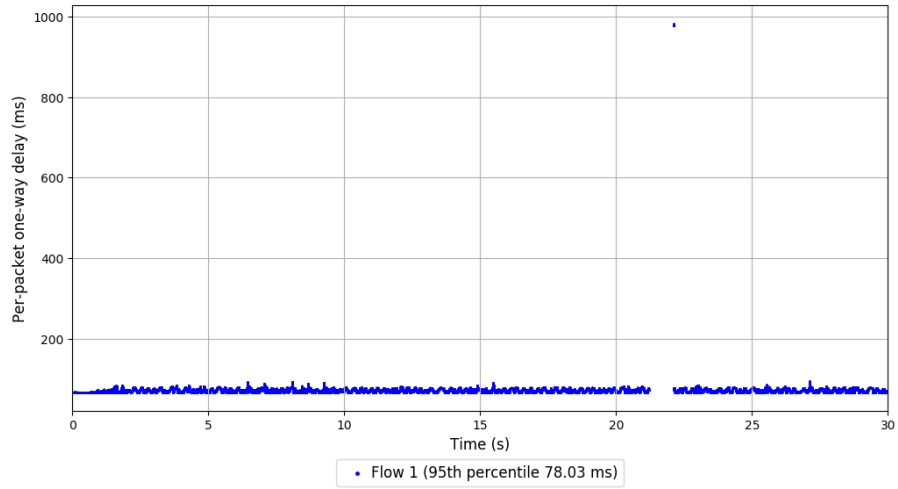
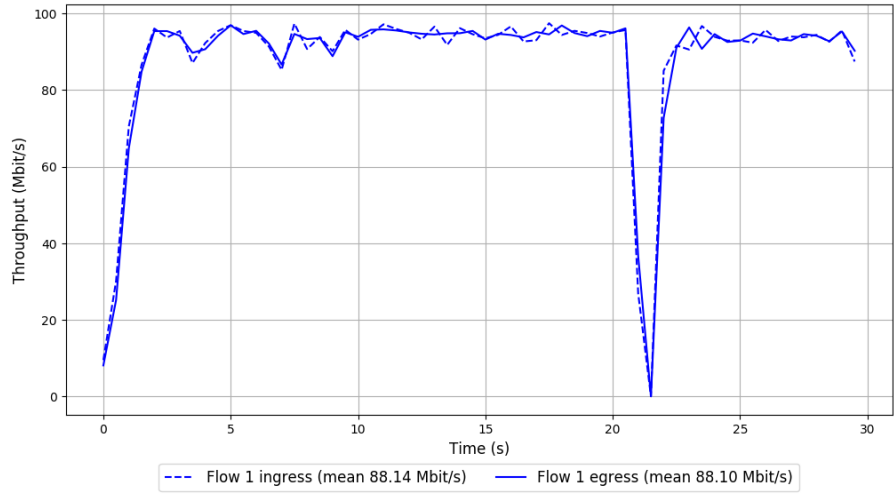


Run 6: Statistics of CalibratedKoho

Start at: 2017-08-29 09:27:14
End at: 2017-08-29 09:27:44
Local clock offset: -1.103 ms
Remote clock offset: -49.645 ms

Below is generated by plot.py at 2017-08-29 15:43:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.10 Mbit/s
95th percentile per-packet one-way delay: 78.032 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 88.10 Mbit/s
95th percentile per-packet one-way delay: 78.032 ms
Loss rate: 0.21%

Run 6: Report of CalibratedKoho — Data Link

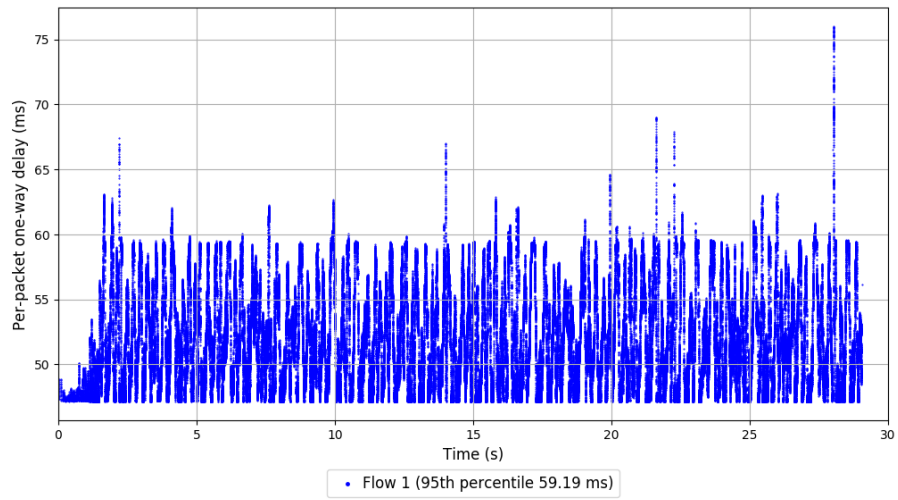
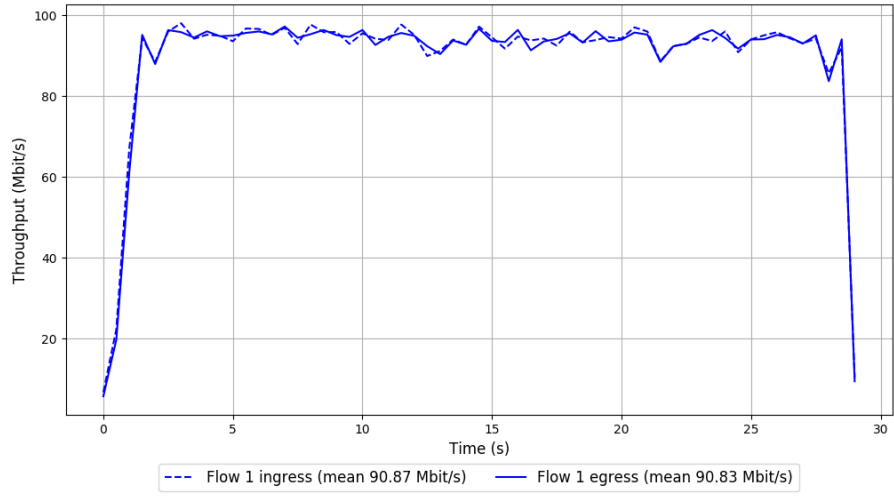


Run 7: Statistics of CalibratedKoho

Start at: 2017-08-29 09:50:25
End at: 2017-08-29 09:50:55
Local clock offset: -1.923 ms
Remote clock offset: -32.183 ms

Below is generated by plot.py at 2017-08-29 15:43:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.83 Mbit/s
95th percentile per-packet one-way delay: 59.191 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 90.83 Mbit/s
95th percentile per-packet one-way delay: 59.191 ms
Loss rate: 0.20%

Run 7: Report of CalibratedKoho — Data Link

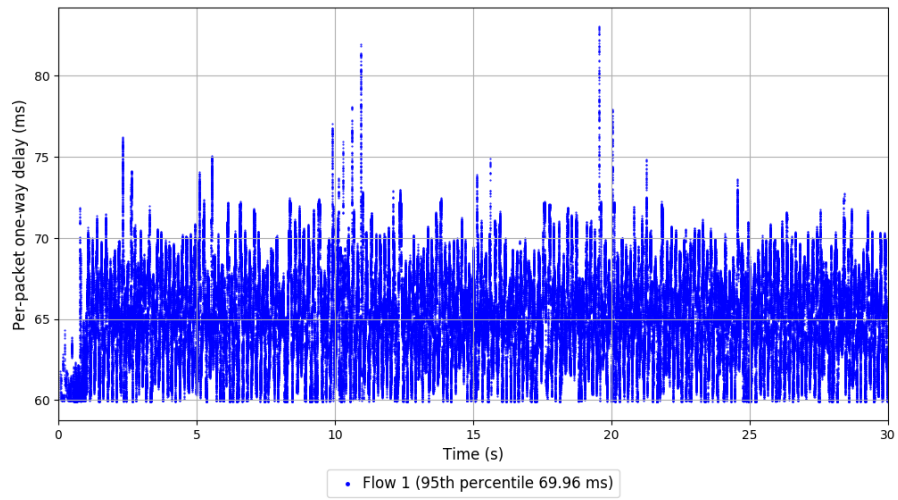
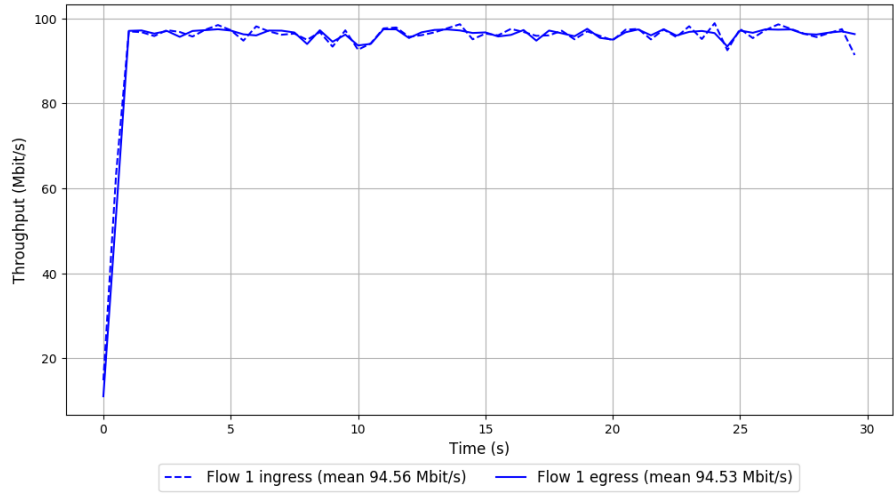


Run 8: Statistics of CalibratedKoho

Start at: 2017-08-29 10:11:50
End at: 2017-08-29 10:12:20
Local clock offset: -1.689 ms
Remote clock offset: -45.345 ms

Below is generated by plot.py at 2017-08-29 15:43:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 69.957 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 69.957 ms
Loss rate: 0.14%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

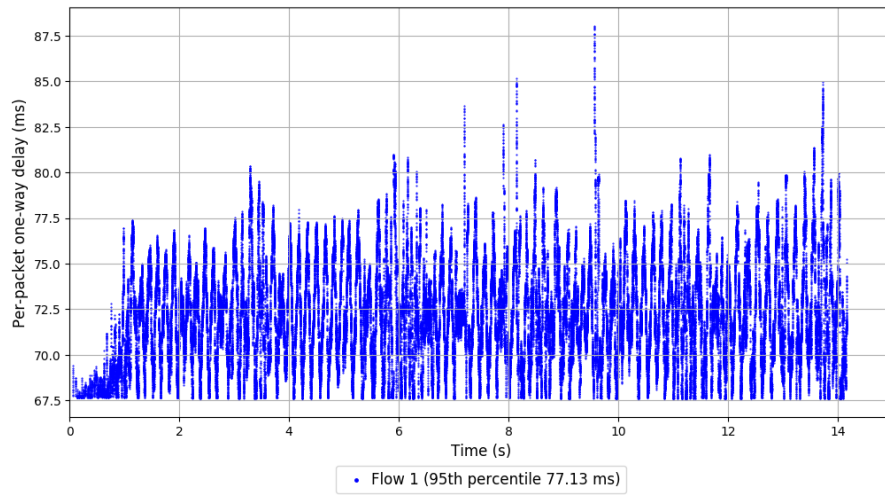
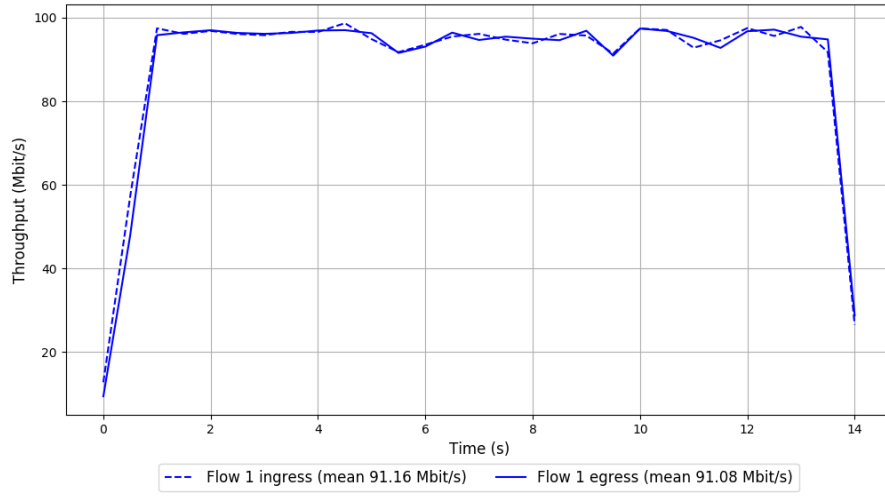
Start at: 2017-08-29 10:34:45

End at: 2017-08-29 10:35:15

Local clock offset: -1.169 ms

Remote clock offset: -55.882 ms

Run 9: Report of CalibratedKoho — Data Link

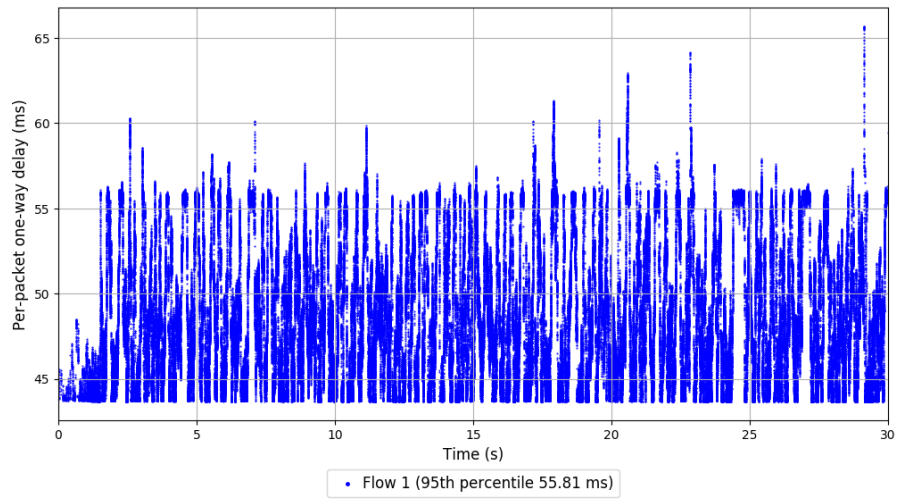
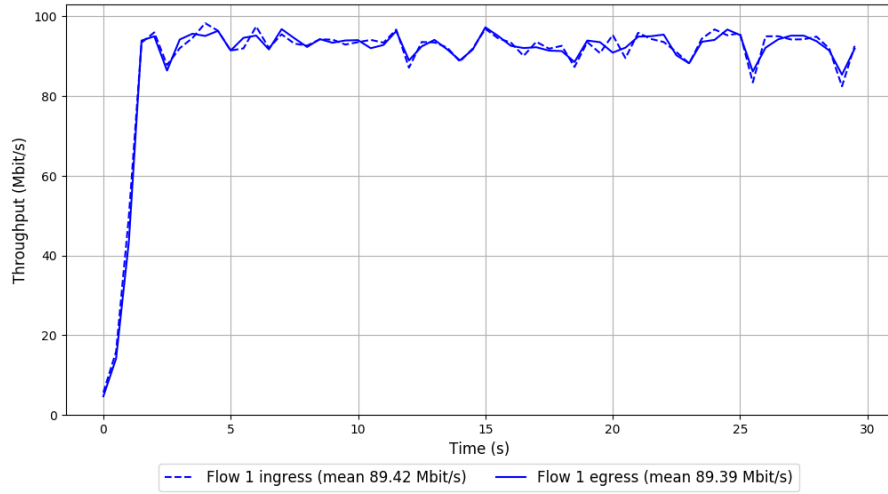


Run 10: Statistics of CalibratedKoho

Start at: 2017-08-29 10:56:13
End at: 2017-08-29 10:56:43
Local clock offset: 0.184 ms
Remote clock offset: -31.796 ms

Below is generated by plot.py at 2017-08-29 15:44:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.39 Mbit/s
95th percentile per-packet one-way delay: 55.807 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 89.39 Mbit/s
95th percentile per-packet one-way delay: 55.807 ms
Loss rate: 0.16%

Run 10: Report of CalibratedKoho — Data Link

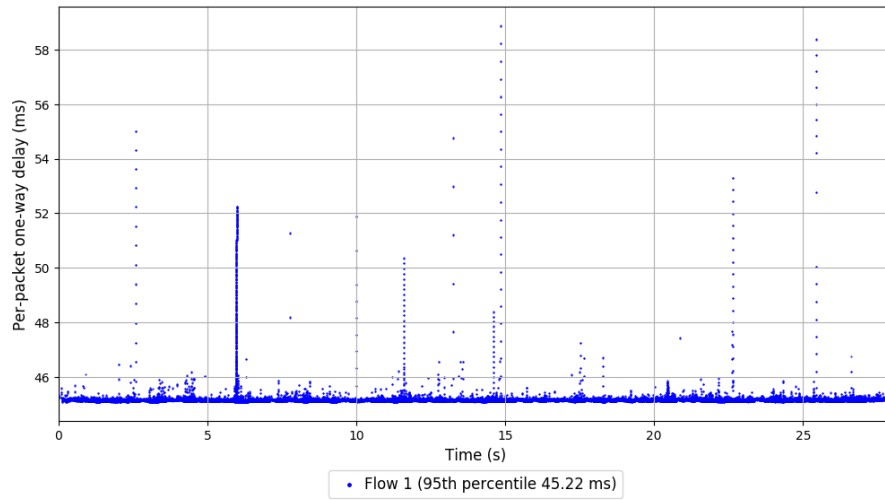
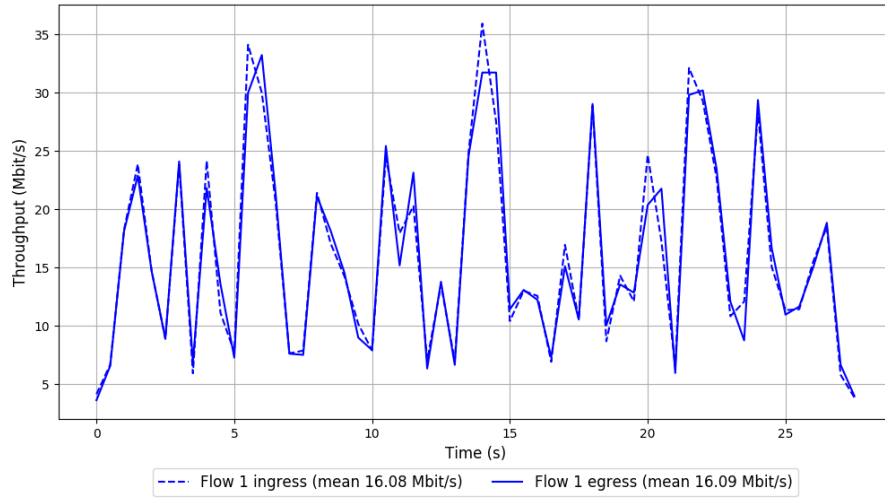


Run 1: Statistics of Copa

Start at: 2017-08-29 07:49:55
End at: 2017-08-29 07:50:25
Local clock offset: 2.221 ms
Remote clock offset: -32.463 ms

Below is generated by plot.py at 2017-08-29 15:44:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.09 Mbit/s
95th percentile per-packet one-way delay: 45.222 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 16.09 Mbit/s
95th percentile per-packet one-way delay: 45.222 ms
Loss rate: 0.04%

Run 1: Report of Copa — Data Link

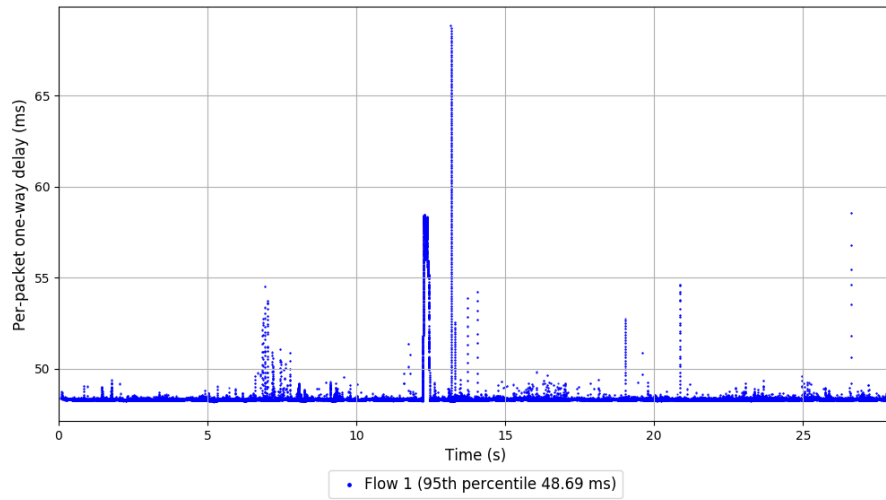
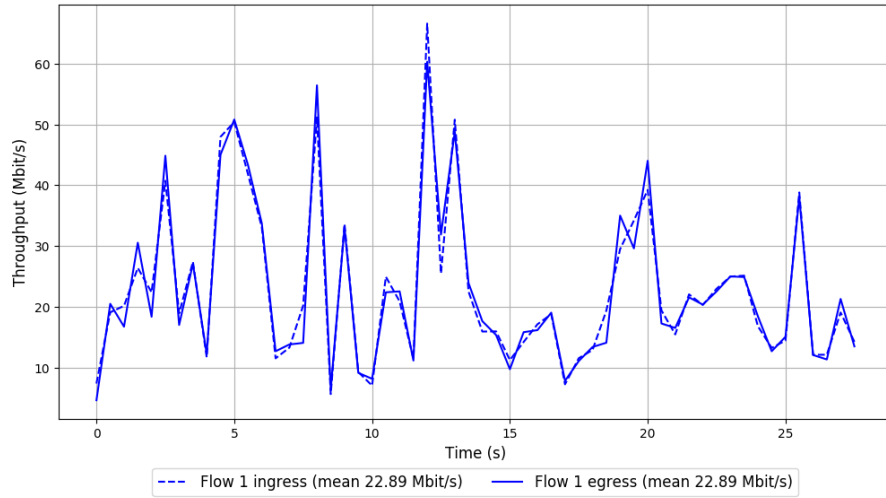


Run 2: Statistics of Copa

Start at: 2017-08-29 08:07:43
End at: 2017-08-29 08:08:13
Local clock offset: 1.753 ms
Remote clock offset: -35.312 ms

Below is generated by plot.py at 2017-08-29 15:44:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.89 Mbit/s
95th percentile per-packet one-way delay: 48.688 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 22.89 Mbit/s
95th percentile per-packet one-way delay: 48.688 ms
Loss rate: 0.09%

Run 2: Report of Copa — Data Link

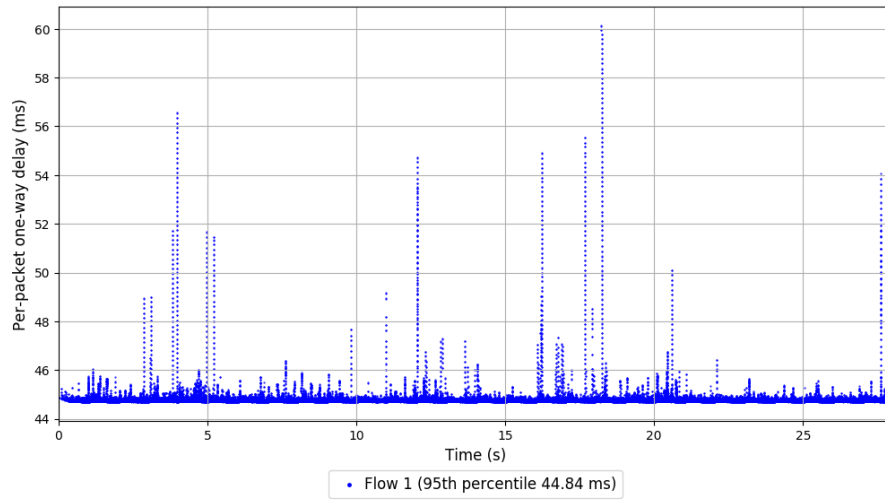
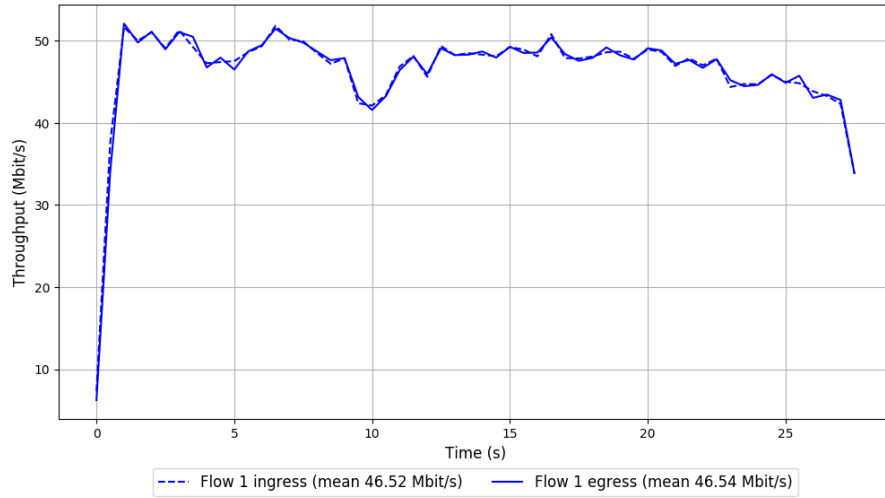


Run 3: Statistics of Copa

Start at: 2017-08-29 08:25:55
End at: 2017-08-29 08:26:25
Local clock offset: -1.219 ms
Remote clock offset: -30.592 ms

Below is generated by plot.py at 2017-08-29 15:44:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.54 Mbit/s
95th percentile per-packet one-way delay: 44.843 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 46.54 Mbit/s
95th percentile per-packet one-way delay: 44.843 ms
Loss rate: 0.12%

Run 3: Report of Copa — Data Link

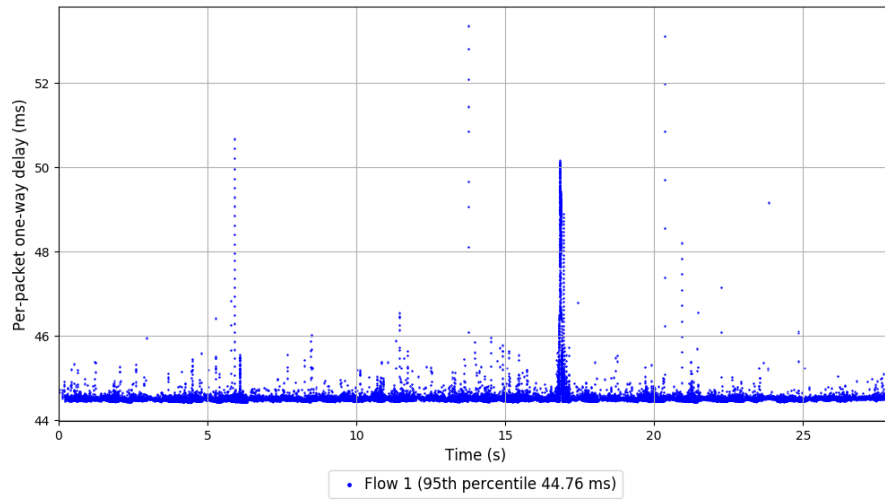
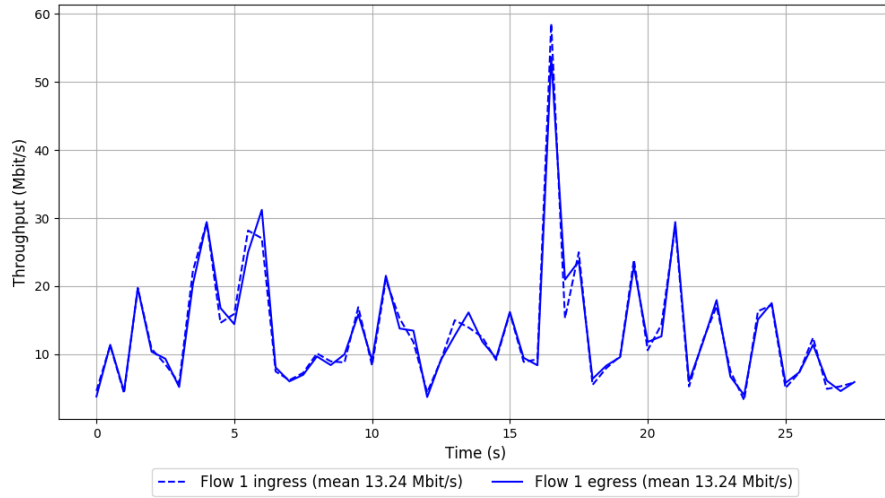


Run 4: Statistics of Copa

Start at: 2017-08-29 08:45:31
End at: 2017-08-29 08:46:01
Local clock offset: -1.605 ms
Remote clock offset: -30.505 ms

```
# Below is generated by plot.py at 2017-08-29 15:44:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 44.763 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 44.763 ms
Loss rate: 0.12%
```

Run 4: Report of Copa — Data Link

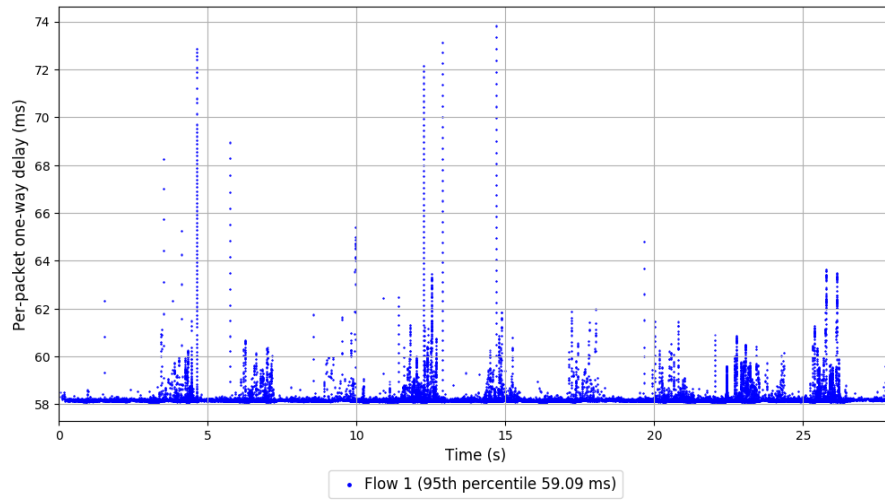
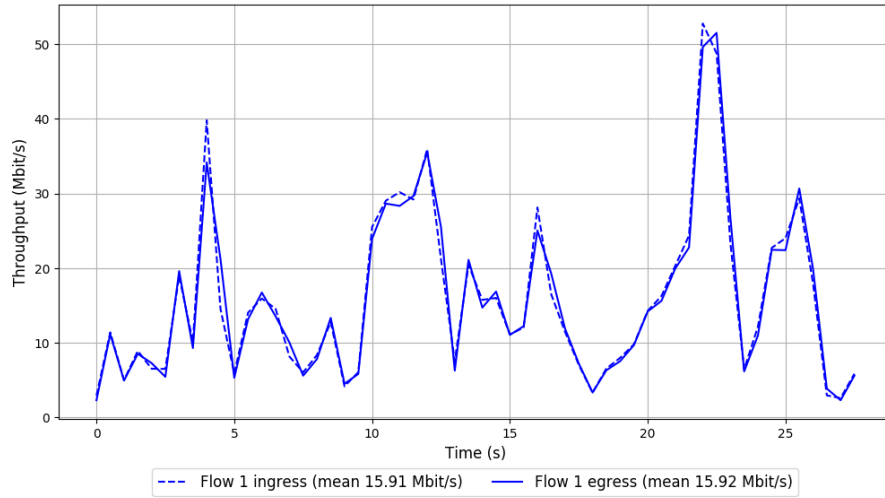


Run 5: Statistics of Copa

Start at: 2017-08-29 09:04:17
End at: 2017-08-29 09:04:47
Local clock offset: -2.577 ms
Remote clock offset: -44.937 ms

Below is generated by plot.py at 2017-08-29 15:44:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 59.085 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 59.085 ms
Loss rate: 0.08%

Run 5: Report of Copa — Data Link

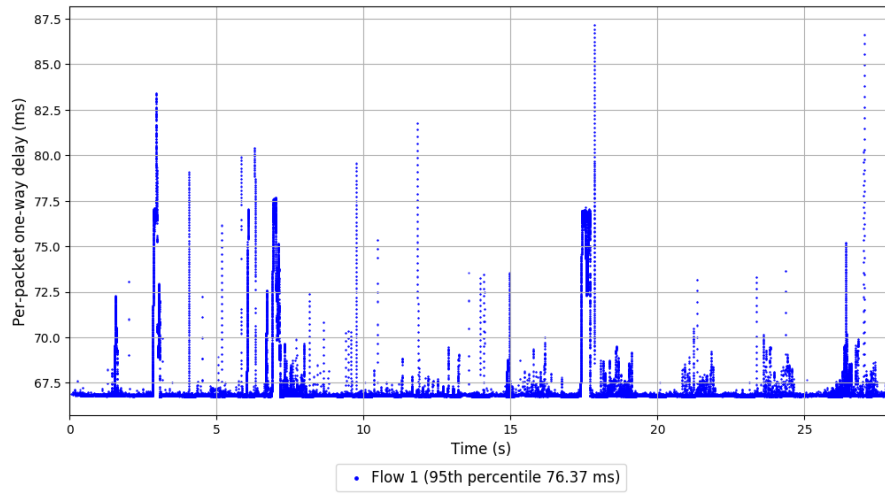
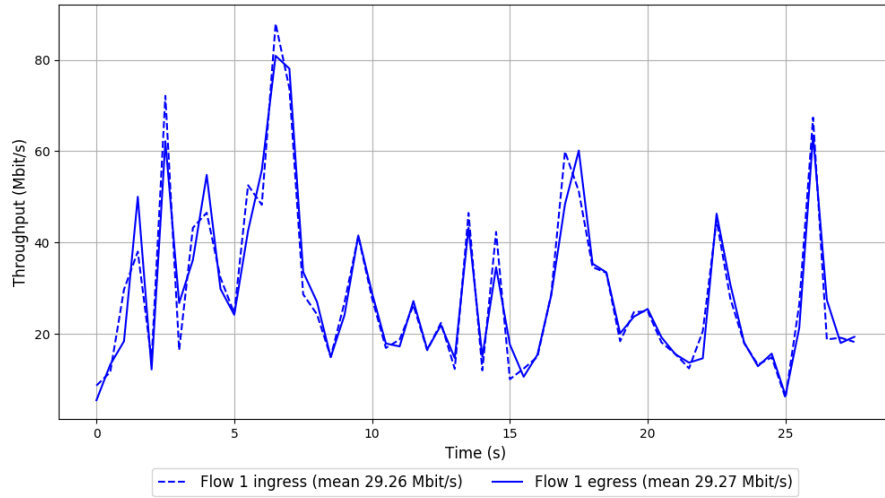


Run 6: Statistics of Copa

Start at: 2017-08-29 09:25:44
End at: 2017-08-29 09:26:14
Local clock offset: -2.44 ms
Remote clock offset: -51.809 ms

```
# Below is generated by plot.py at 2017-08-29 15:44:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.27 Mbit/s
95th percentile per-packet one-way delay: 76.372 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 29.27 Mbit/s
95th percentile per-packet one-way delay: 76.372 ms
Loss rate: 0.09%
```

Run 6: Report of Copa — Data Link

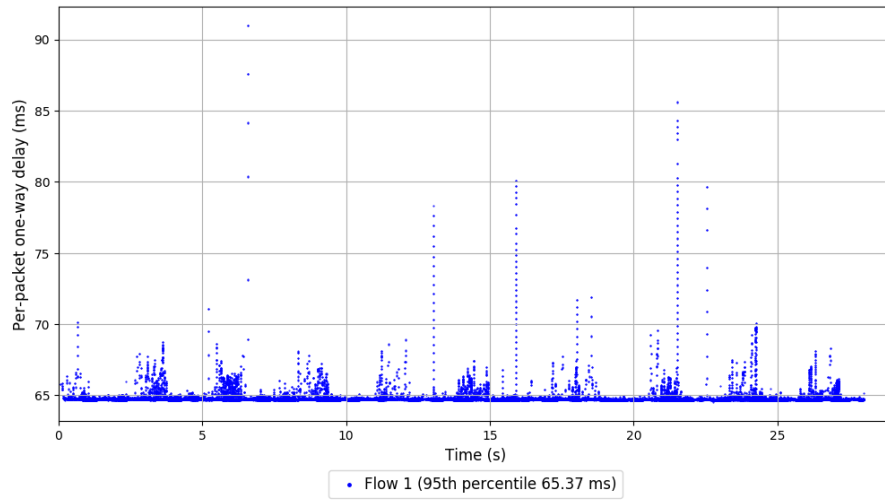
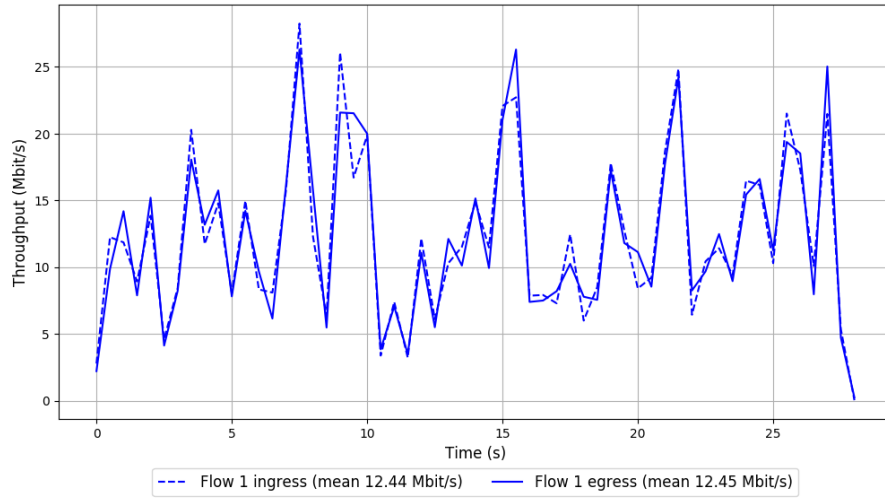


Run 7: Statistics of Copa

Start at: 2017-08-29 09:49:10
End at: 2017-08-29 09:49:40
Local clock offset: -0.352 ms
Remote clock offset: -48.072 ms

Below is generated by plot.py at 2017-08-29 15:44:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.45 Mbit/s
95th percentile per-packet one-way delay: 65.374 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 12.45 Mbit/s
95th percentile per-packet one-way delay: 65.374 ms
Loss rate: 0.09%

Run 7: Report of Copa — Data Link

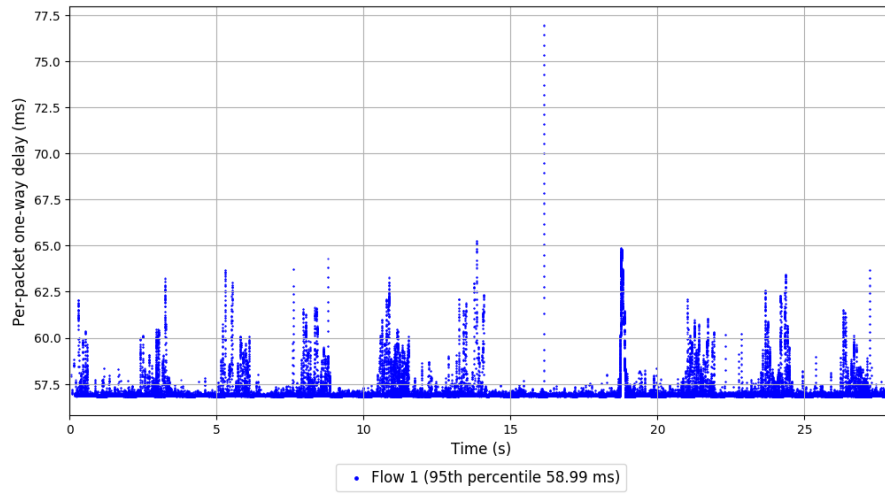
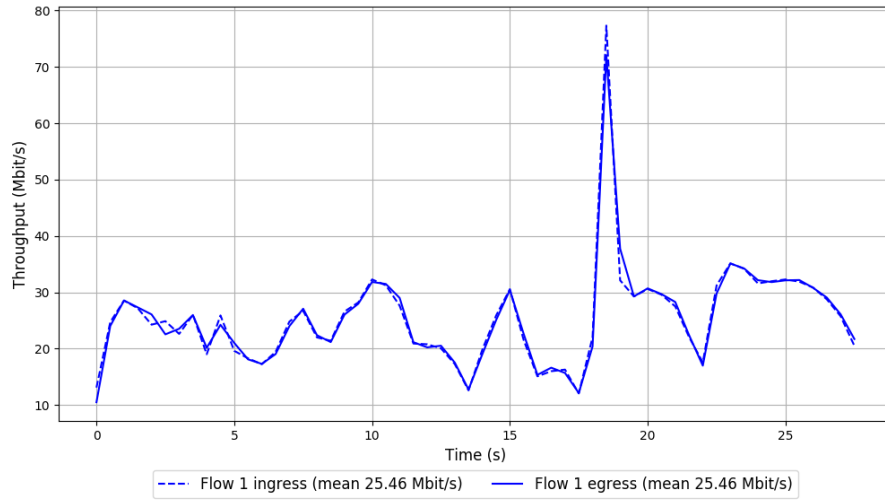


Run 8: Statistics of Copa

Start at: 2017-08-29 10:10:30
End at: 2017-08-29 10:11:00
Local clock offset: -3.655 ms
Remote clock offset: -44.187 ms

Below is generated by plot.py at 2017-08-29 15:44:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.46 Mbit/s
95th percentile per-packet one-way delay: 58.993 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 25.46 Mbit/s
95th percentile per-packet one-way delay: 58.993 ms
Loss rate: 0.11%

Run 8: Report of Copa — Data Link

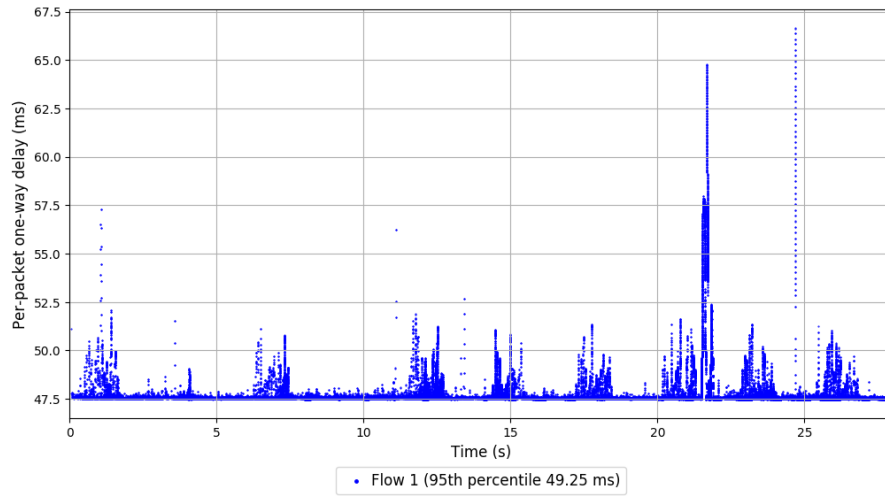
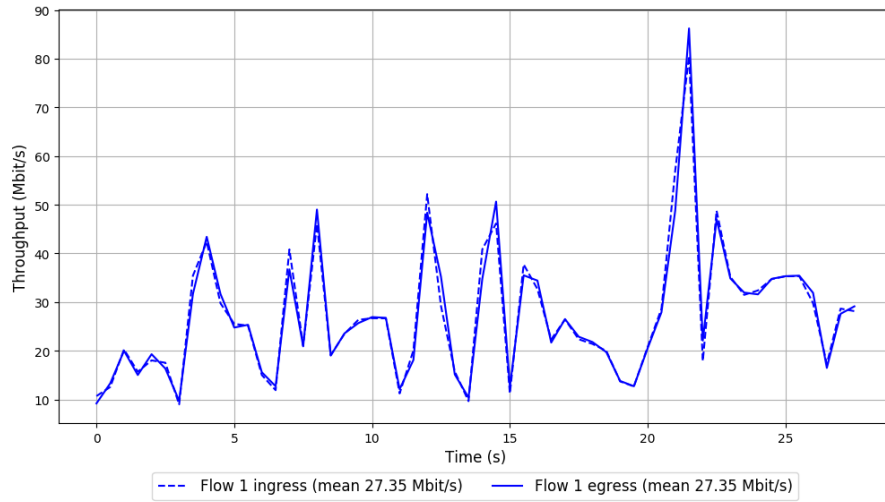


Run 9: Statistics of Copa

Start at: 2017-08-29 10:33:17
End at: 2017-08-29 10:33:47
Local clock offset: 2.237 ms
Remote clock offset: -32.235 ms

Below is generated by plot.py at 2017-08-29 15:44:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.35 Mbit/s
95th percentile per-packet one-way delay: 49.248 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 27.35 Mbit/s
95th percentile per-packet one-way delay: 49.248 ms
Loss rate: 0.14%

Run 9: Report of Copa — Data Link

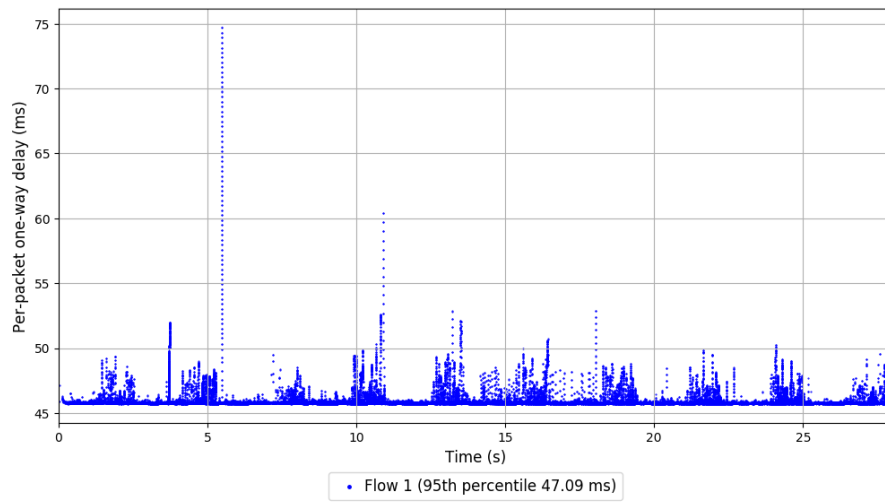
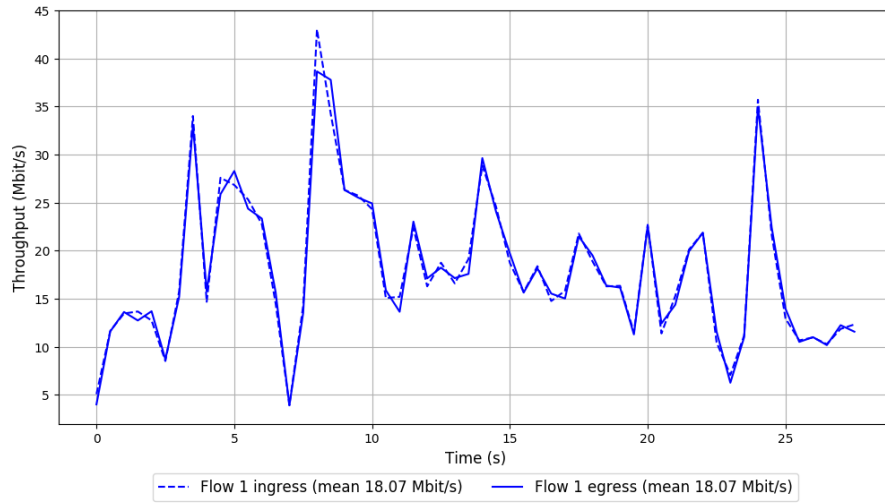


Run 10: Statistics of Copa

Start at: 2017-08-29 10:54:58
End at: 2017-08-29 10:55:28
Local clock offset: 1.173 ms
Remote clock offset: -32.771 ms

Below is generated by plot.py at 2017-08-29 15:44:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.07 Mbit/s
95th percentile per-packet one-way delay: 47.089 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 18.07 Mbit/s
95th percentile per-packet one-way delay: 47.089 ms
Loss rate: 0.13%

Run 10: Report of Copa — Data Link

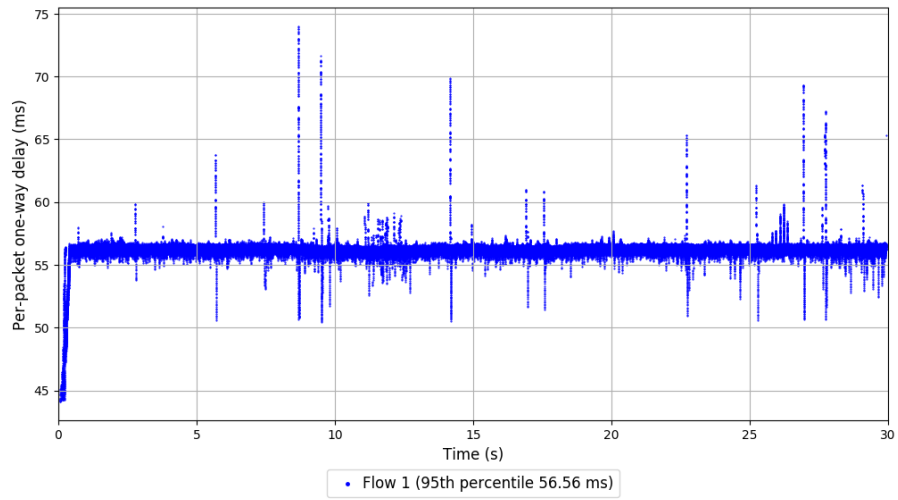
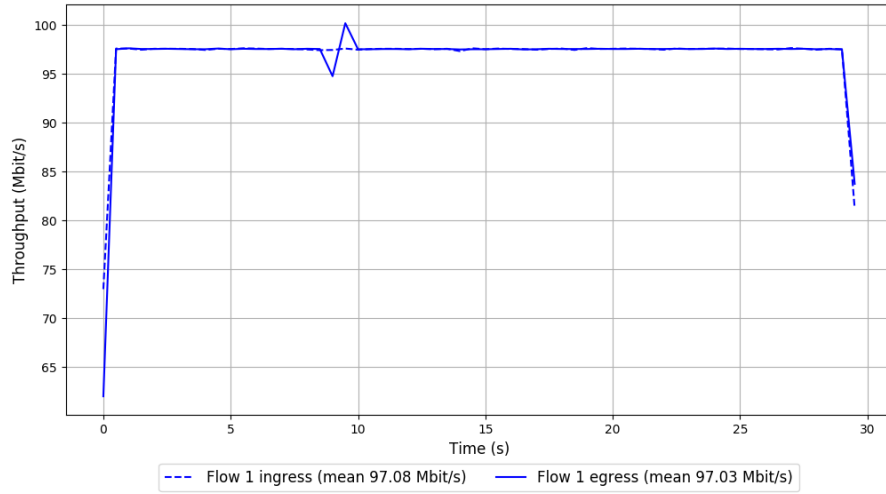


Run 1: Statistics of TCP Cubic

Start at: 2017-08-29 07:44:03
End at: 2017-08-29 07:44:33
Local clock offset: 1.058 ms
Remote clock offset: -32.762 ms

Below is generated by plot.py at 2017-08-29 15:44:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 56.564 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 56.564 ms
Loss rate: 0.15%

Run 1: Report of TCP Cubic — Data Link

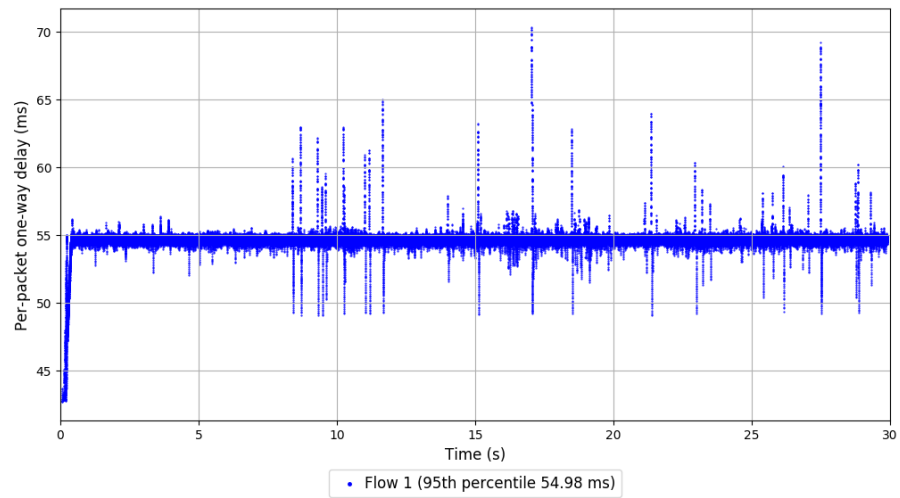
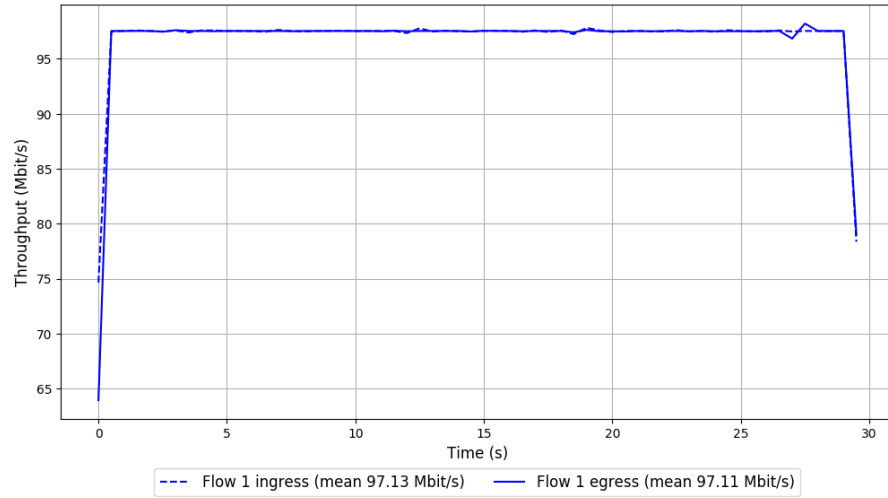


Run 2: Statistics of TCP Cubic

Start at: 2017-08-29 08:01:51
End at: 2017-08-29 08:02:21
Local clock offset: -1.738 ms
Remote clock offset: -33.422 ms

Below is generated by plot.py at 2017-08-29 15:44:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 54.981 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 54.981 ms
Loss rate: 0.17%

Run 2: Report of TCP Cubic — Data Link

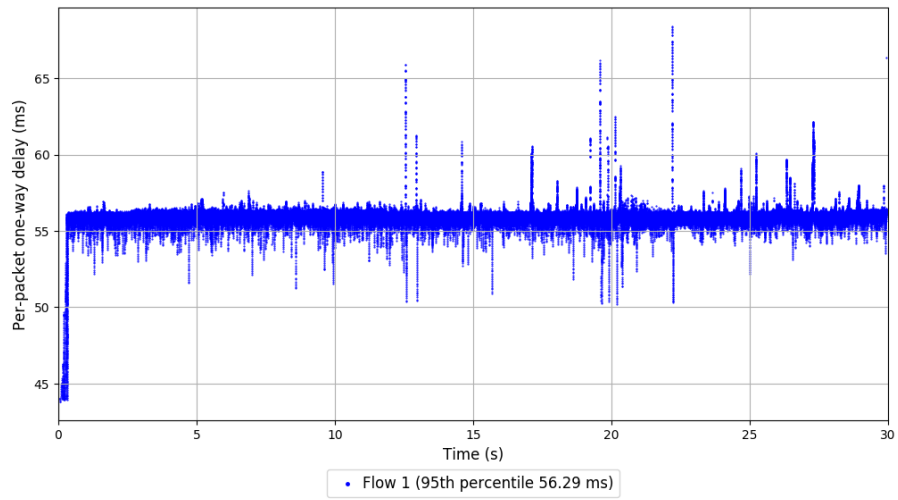
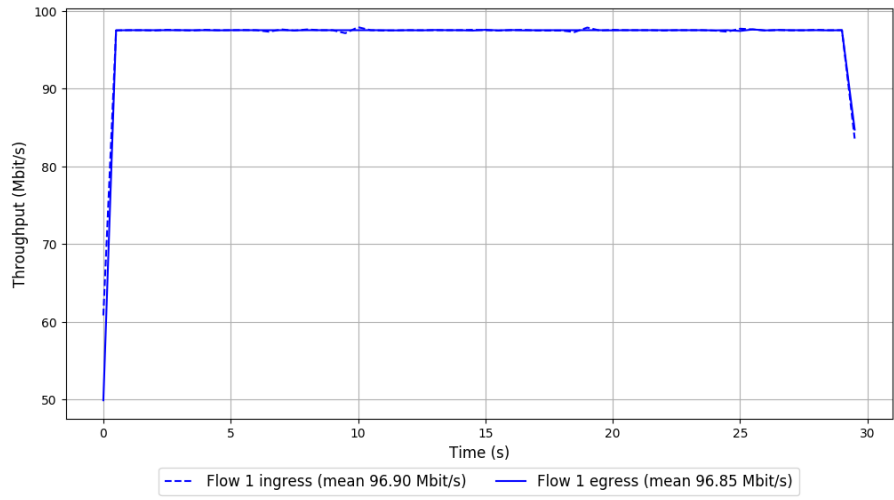


Run 3: Statistics of TCP Cubic

Start at: 2017-08-29 08:19:40
End at: 2017-08-29 08:20:10
Local clock offset: -1.348 ms
Remote clock offset: -29.971 ms

Below is generated by plot.py at 2017-08-29 15:44:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 56.292 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 56.292 ms
Loss rate: 0.17%

Run 3: Report of TCP Cubic — Data Link

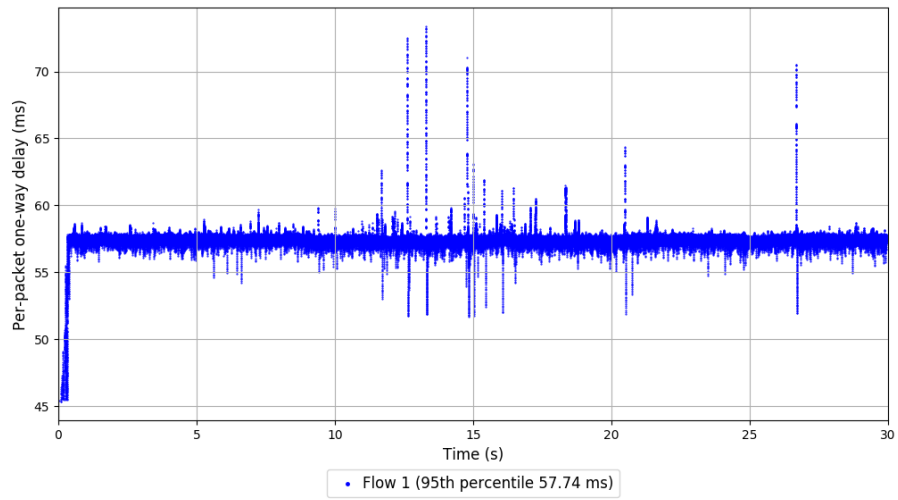
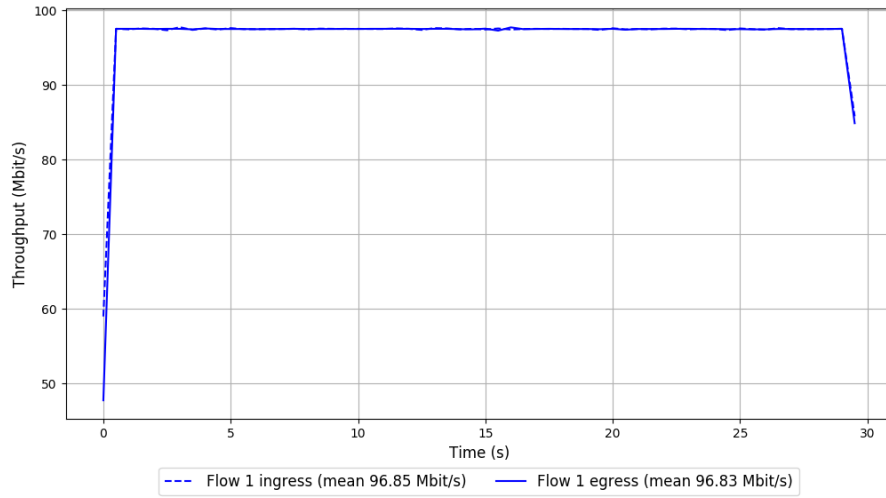


Run 4: Statistics of TCP Cubic

Start at: 2017-08-29 08:39:29
End at: 2017-08-29 08:40:00
Local clock offset: -0.138 ms
Remote clock offset: -30.087 ms

Below is generated by plot.py at 2017-08-29 15:44:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.83 Mbit/s
95th percentile per-packet one-way delay: 57.736 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 96.83 Mbit/s
95th percentile per-packet one-way delay: 57.736 ms
Loss rate: 0.21%

Run 4: Report of TCP Cubic — Data Link

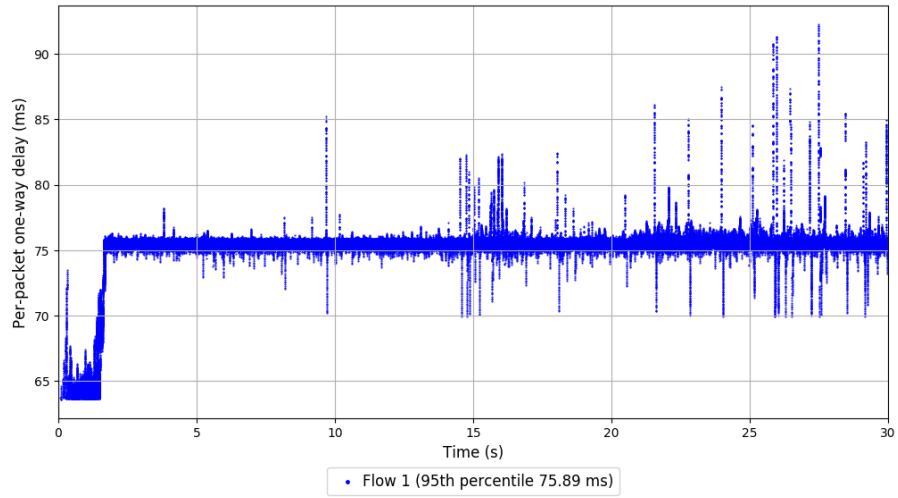
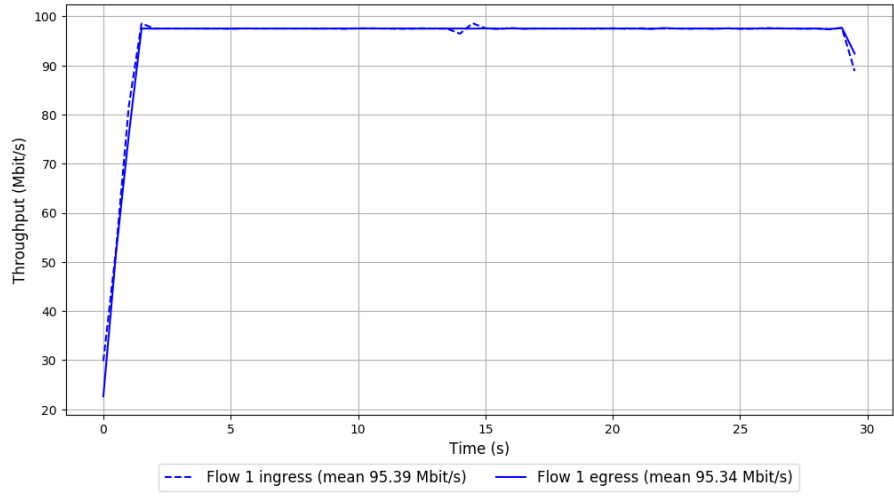


Run 5: Statistics of TCP Cubic

Start at: 2017-08-29 08:57:45
End at: 2017-08-29 08:58:16
Local clock offset: -2.706 ms
Remote clock offset: -50.689 ms

Below is generated by plot.py at 2017-08-29 15:45:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 75.890 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 75.890 ms
Loss rate: 0.20%

Run 5: Report of TCP Cubic — Data Link

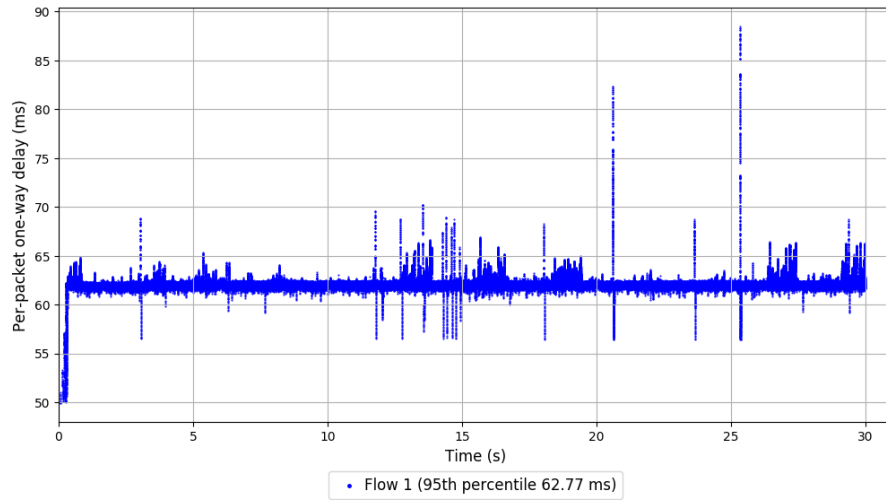
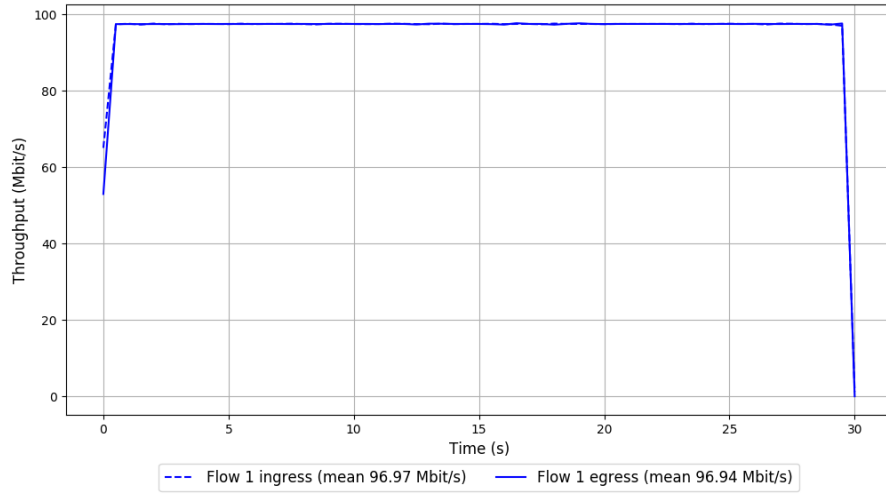


Run 6: Statistics of TCP Cubic

Start at: 2017-08-29 09:18:46
End at: 2017-08-29 09:19:16
Local clock offset: -0.289 ms
Remote clock offset: -32.733 ms

Below is generated by plot.py at 2017-08-29 15:45:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.94 Mbit/s
95th percentile per-packet one-way delay: 62.775 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 96.94 Mbit/s
95th percentile per-packet one-way delay: 62.775 ms
Loss rate: 0.22%

Run 6: Report of TCP Cubic — Data Link

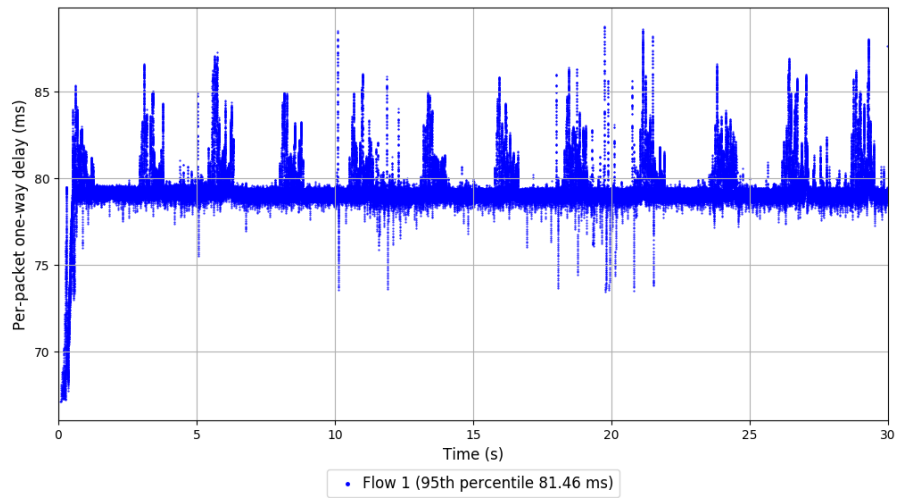
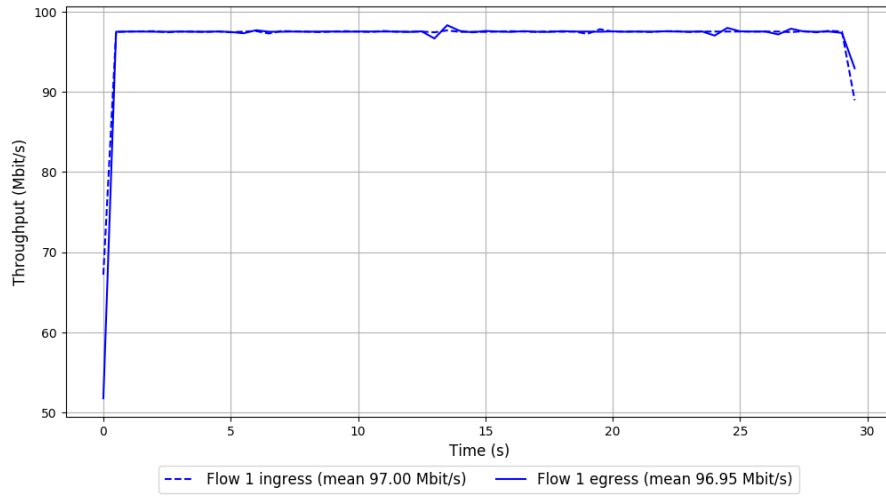


Run 7: Statistics of TCP Cubic

Start at: 2017-08-29 09:41:49
End at: 2017-08-29 09:42:19
Local clock offset: 1.162 ms
Remote clock offset: -48.969 ms

Below is generated by plot.py at 2017-08-29 15:45:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 81.457 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 81.457 ms
Loss rate: 0.20%

Run 7: Report of TCP Cubic — Data Link

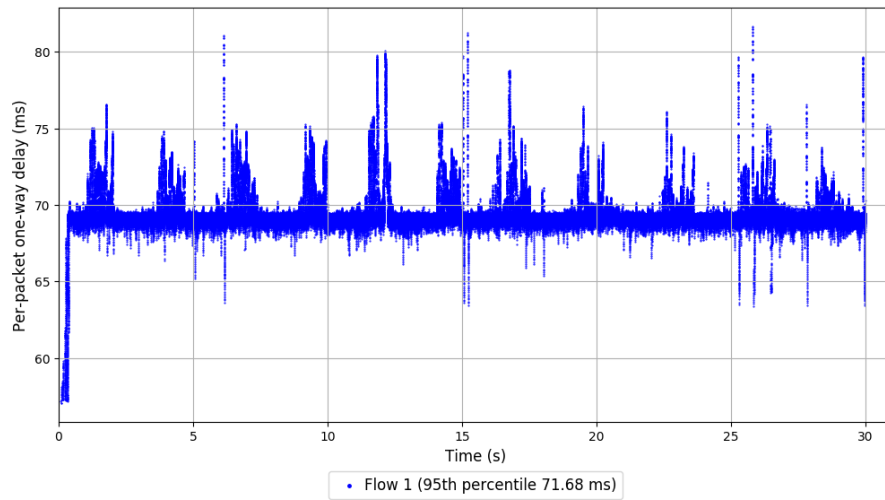
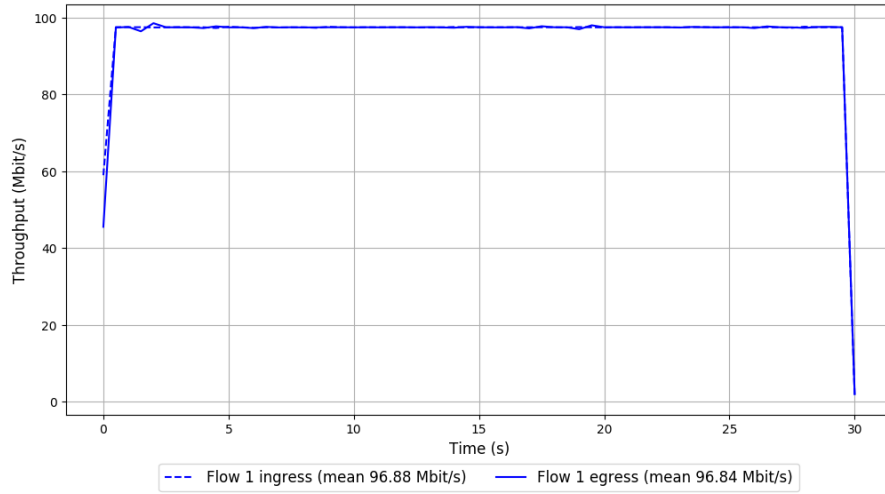


Run 8: Statistics of TCP Cubic

Start at: 2017-08-29 10:03:34
End at: 2017-08-29 10:04:04
Local clock offset: -4.107 ms
Remote clock offset: -44.714 ms

Below is generated by plot.py at 2017-08-29 15:45:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 71.678 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 71.678 ms
Loss rate: 0.22%

Run 8: Report of TCP Cubic — Data Link

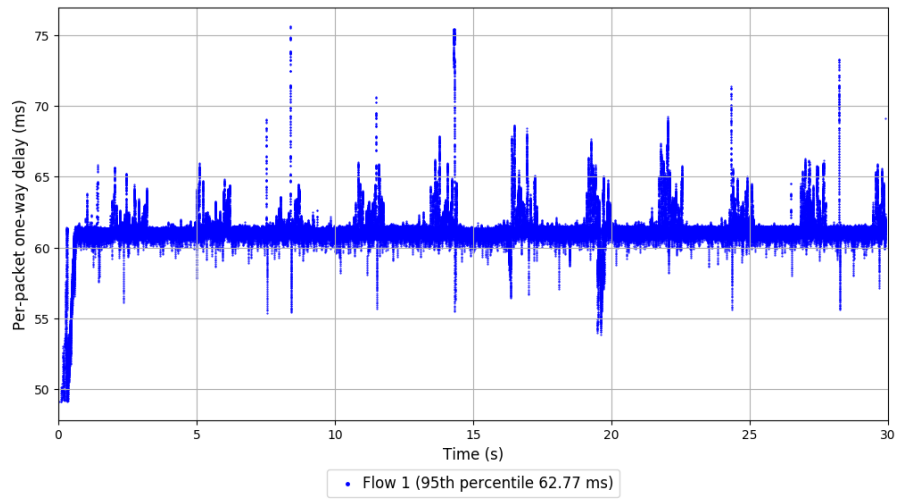
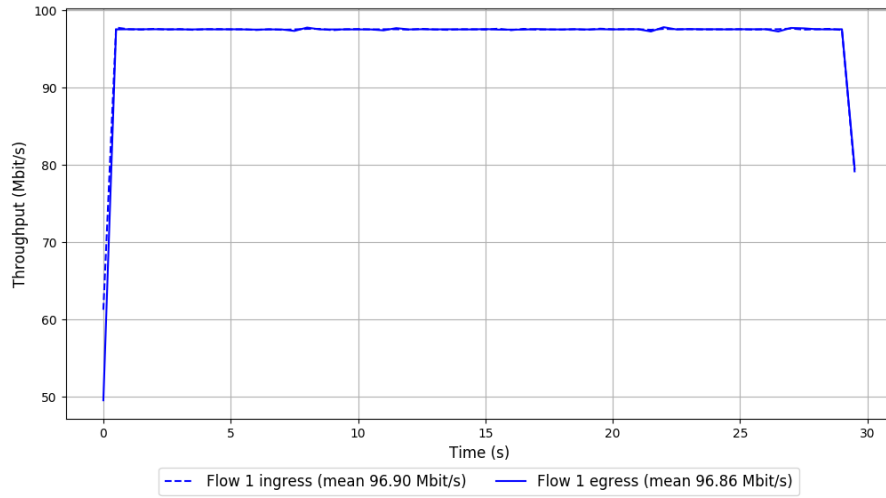


Run 9: Statistics of TCP Cubic

Start at: 2017-08-29 10:26:29
End at: 2017-08-29 10:26:59
Local clock offset: 0.73 ms
Remote clock offset: -35.063 ms

Below is generated by plot.py at 2017-08-29 15:45:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 62.771 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 62.771 ms
Loss rate: 0.20%

Run 9: Report of TCP Cubic — Data Link

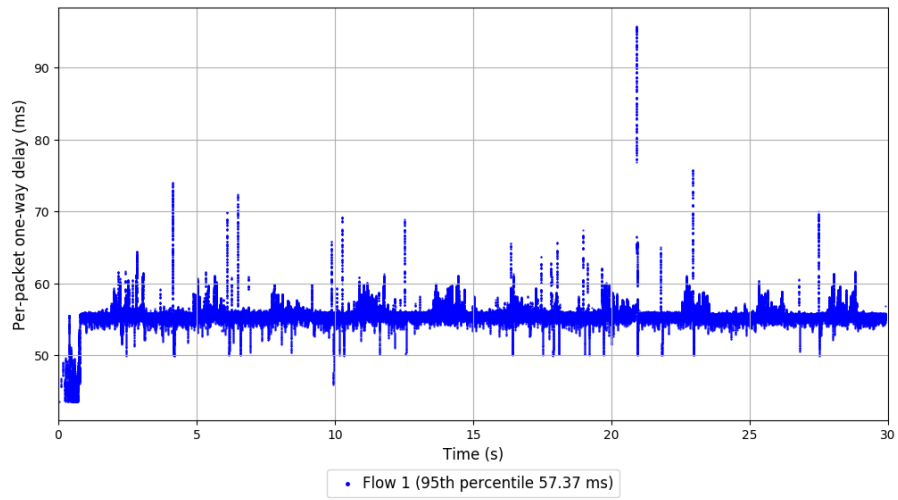
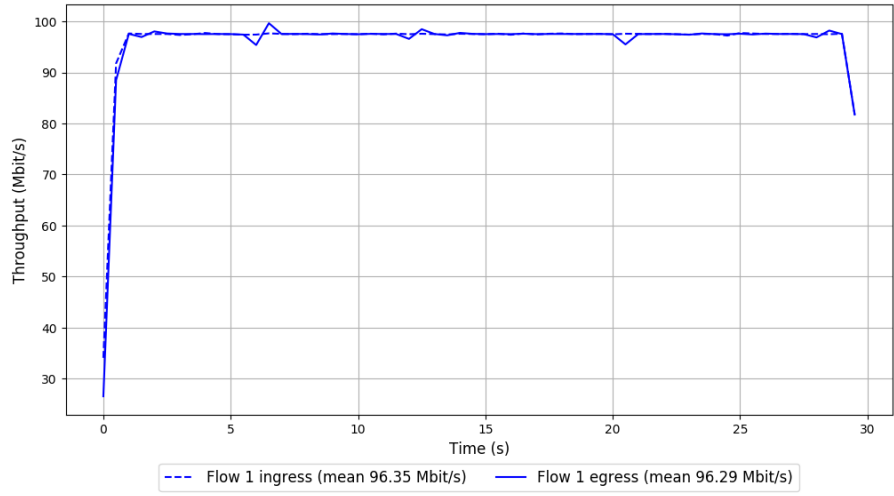


Run 10: Statistics of TCP Cubic

Start at: 2017-08-29 10:47:58
End at: 2017-08-29 10:48:28
Local clock offset: -0.652 ms
Remote clock offset: -32.019 ms

Below is generated by plot.py at 2017-08-29 15:45:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 57.366 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 57.366 ms
Loss rate: 0.22%

Run 10: Report of TCP Cubic — Data Link

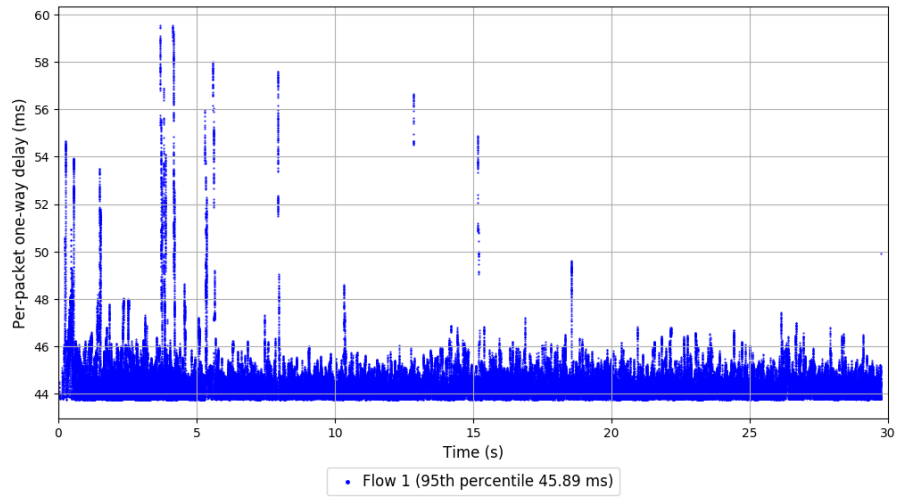
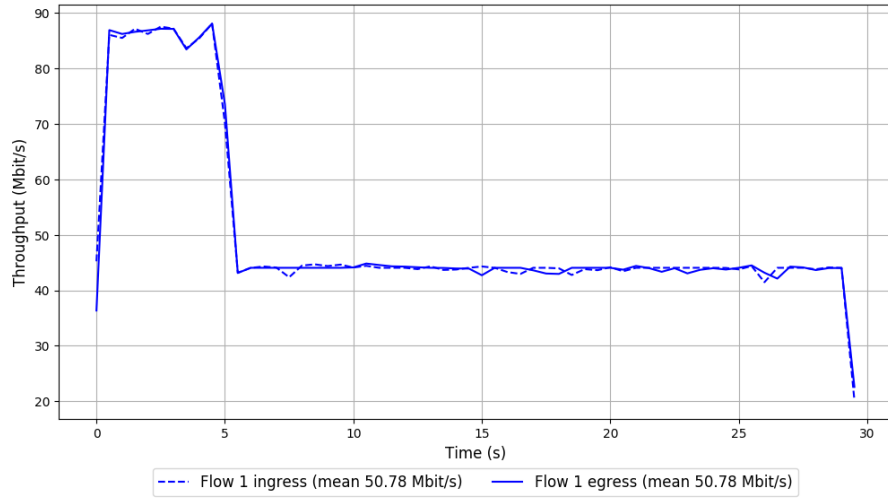


Run 1: Statistics of Indigo

Start at: 2017-08-29 07:52:19
End at: 2017-08-29 07:52:49
Local clock offset: -1.468 ms
Remote clock offset: -34.22 ms

Below is generated by plot.py at 2017-08-29 15:45:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.78 Mbit/s
95th percentile per-packet one-way delay: 45.890 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 50.78 Mbit/s
95th percentile per-packet one-way delay: 45.890 ms
Loss rate: 0.09%

Run 1: Report of Indigo — Data Link

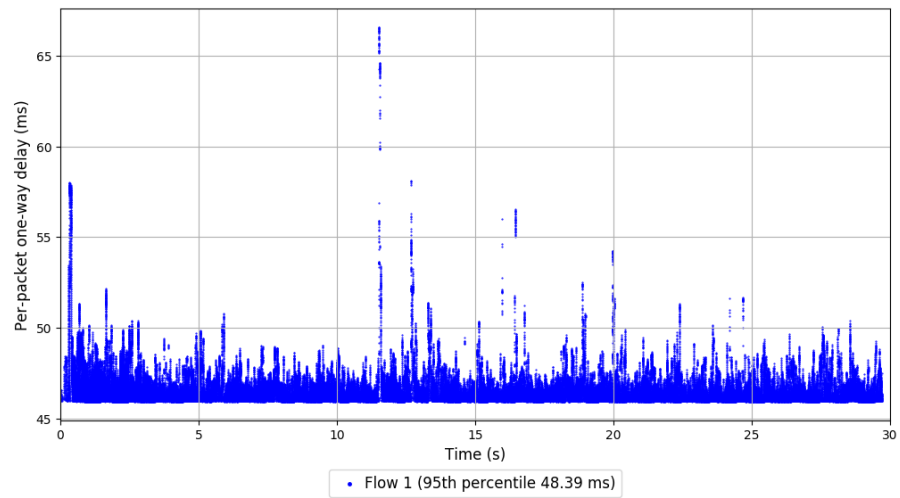
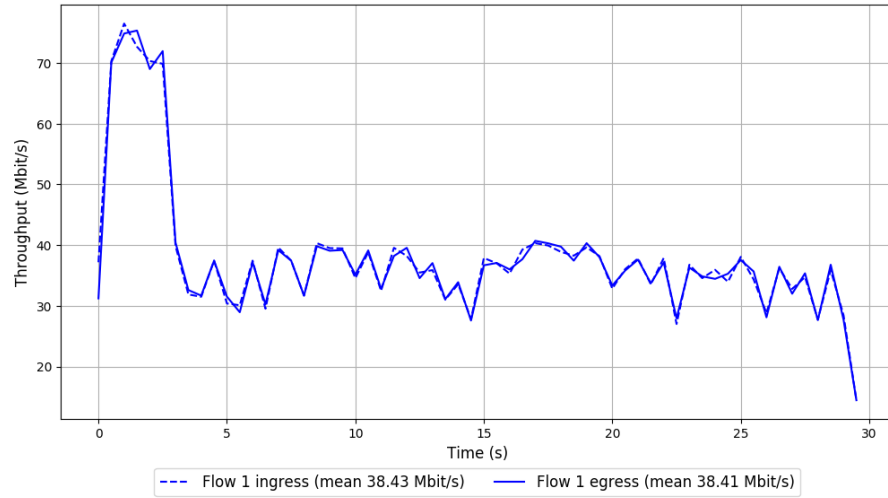


Run 2: Statistics of Indigo

Start at: 2017-08-29 08:10:05
End at: 2017-08-29 08:10:35
Local clock offset: -0.342 ms
Remote clock offset: -35.113 ms

Below is generated by plot.py at 2017-08-29 15:45:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.41 Mbit/s
95th percentile per-packet one-way delay: 48.393 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 38.41 Mbit/s
95th percentile per-packet one-way delay: 48.393 ms
Loss rate: 0.13%

Run 2: Report of Indigo — Data Link

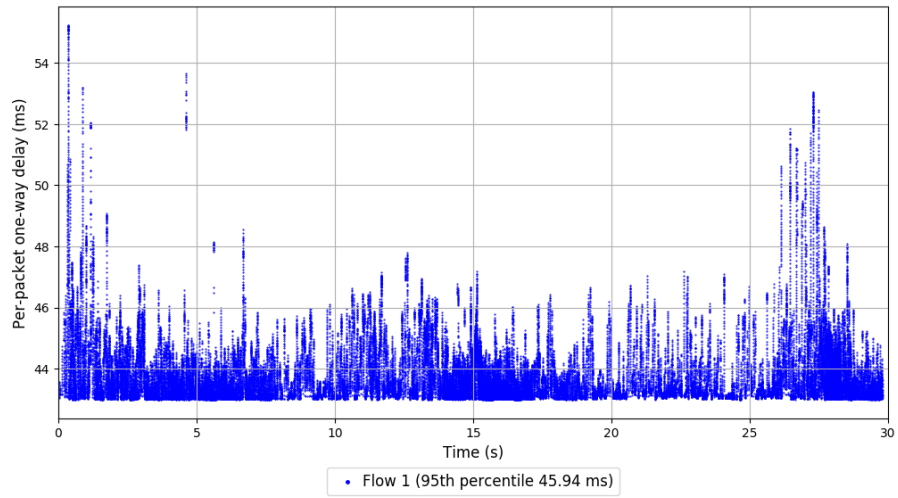
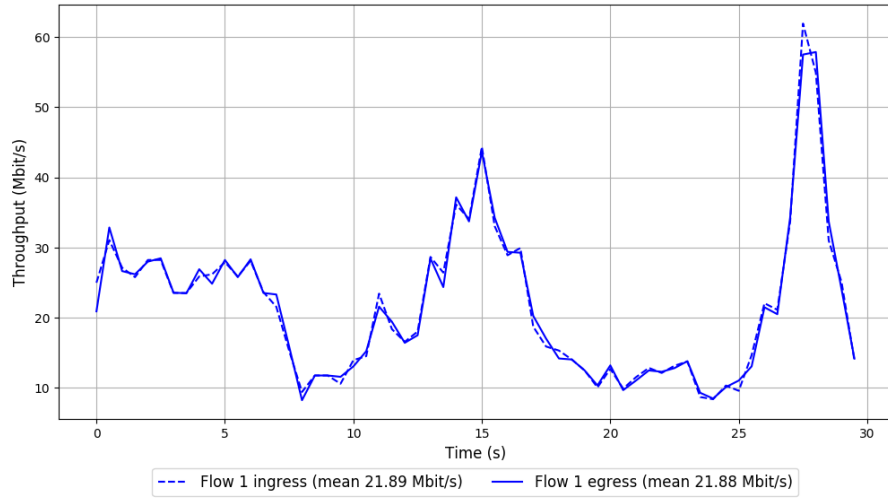


Run 3: Statistics of Indigo

Start at: 2017-08-29 08:28:35
End at: 2017-08-29 08:29:05
Local clock offset: -2.259 ms
Remote clock offset: -29.917 ms

```
# Below is generated by plot.py at 2017-08-29 15:45:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.88 Mbit/s
95th percentile per-packet one-way delay: 45.941 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 21.88 Mbit/s
95th percentile per-packet one-way delay: 45.941 ms
Loss rate: 0.14%
```


Run 3: Report of Indigo — Data Link

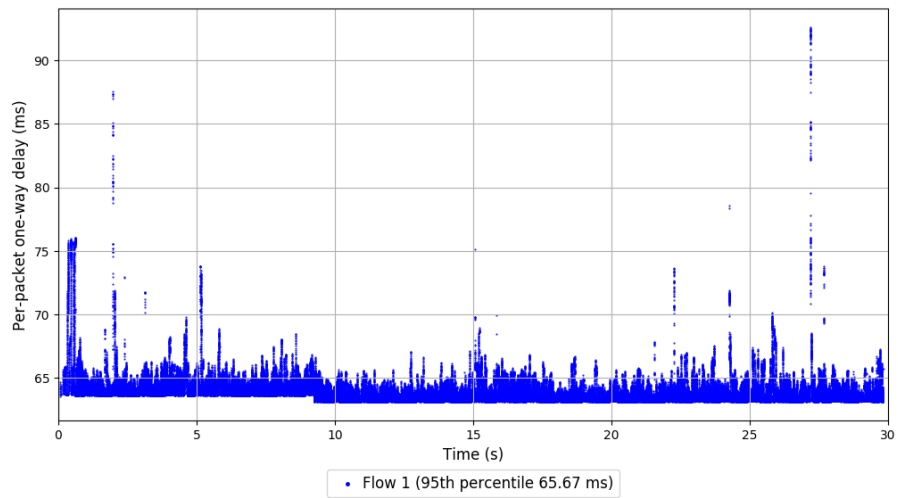
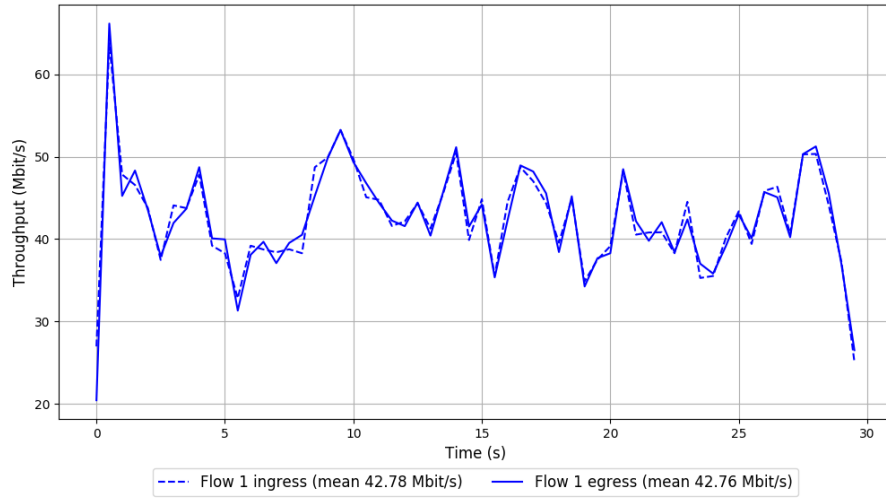


Run 4: Statistics of Indigo

Start at: 2017-08-29 08:48:04
End at: 2017-08-29 08:48:34
Local clock offset: -1.816 ms
Remote clock offset: -49.868 ms

Below is generated by plot.py at 2017-08-29 15:45:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.76 Mbit/s
95th percentile per-packet one-way delay: 65.670 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 42.76 Mbit/s
95th percentile per-packet one-way delay: 65.670 ms
Loss rate: 0.15%

Run 4: Report of Indigo — Data Link

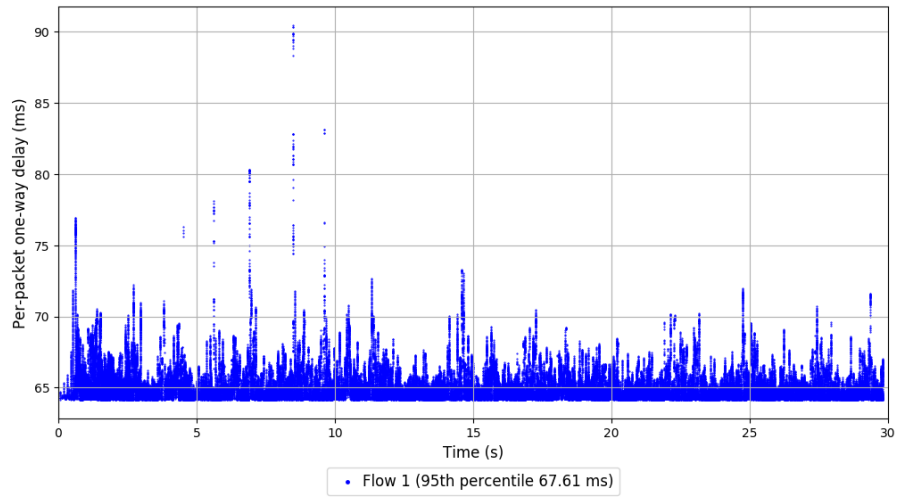
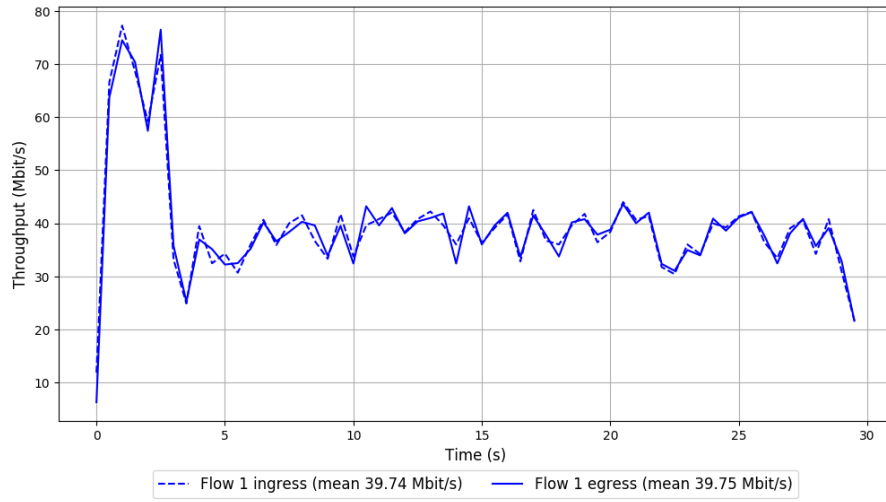


Run 5: Statistics of Indigo

Start at: 2017-08-29 09:07:30
End at: 2017-08-29 09:08:00
Local clock offset: -0.014 ms
Remote clock offset: -48.403 ms

Below is generated by plot.py at 2017-08-29 15:45:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 67.607 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 67.607 ms
Loss rate: 0.15%

Run 5: Report of Indigo — Data Link

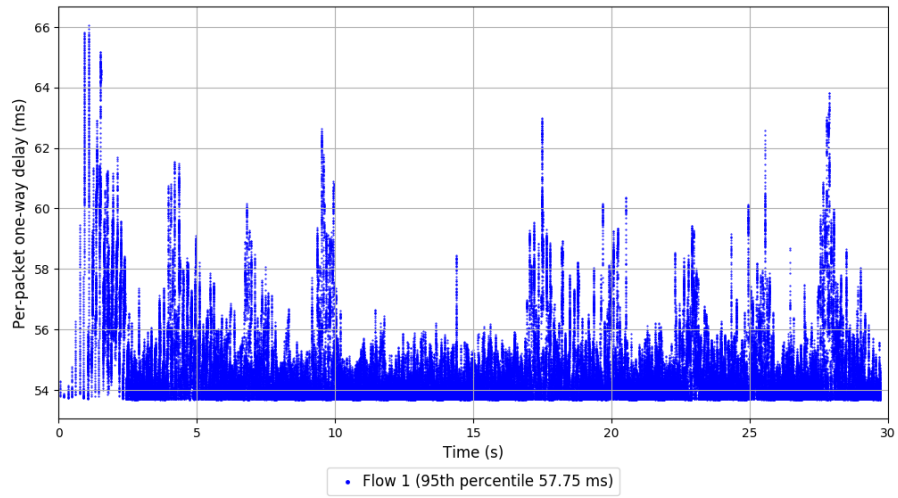
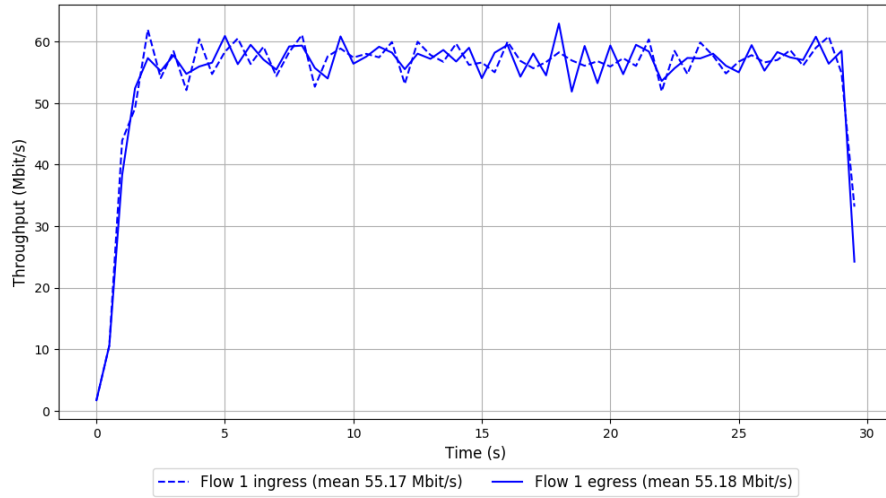


Run 6: Statistics of Indigo

Start at: 2017-08-29 09:29:15
End at: 2017-08-29 09:29:45
Local clock offset: 0.305 ms
Remote clock offset: -36.058 ms

Below is generated by plot.py at 2017-08-29 15:45:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.18 Mbit/s
95th percentile per-packet one-way delay: 57.750 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 55.18 Mbit/s
95th percentile per-packet one-way delay: 57.750 ms
Loss rate: 0.42%

Run 6: Report of Indigo — Data Link

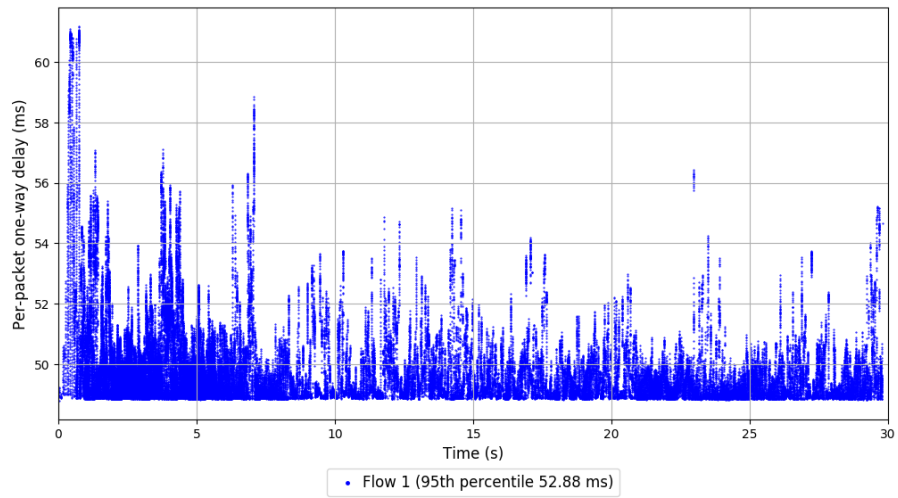
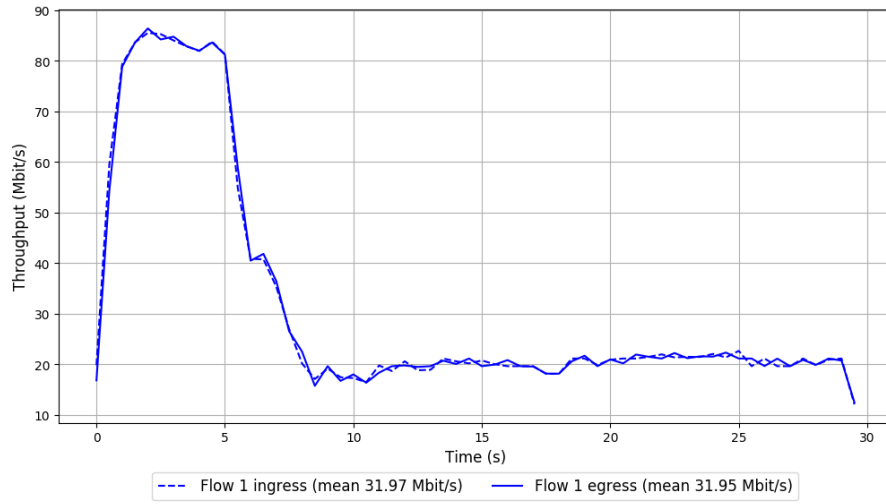


Run 7: Statistics of Indigo

Start at: 2017-08-29 09:52:19
End at: 2017-08-29 09:52:49
Local clock offset: -0.859 ms
Remote clock offset: -32.883 ms

```
# Below is generated by plot.py at 2017-08-29 15:45:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.95 Mbit/s
95th percentile per-packet one-way delay: 52.875 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 31.95 Mbit/s
95th percentile per-packet one-way delay: 52.875 ms
Loss rate: 0.08%
```


Run 7: Report of Indigo — Data Link

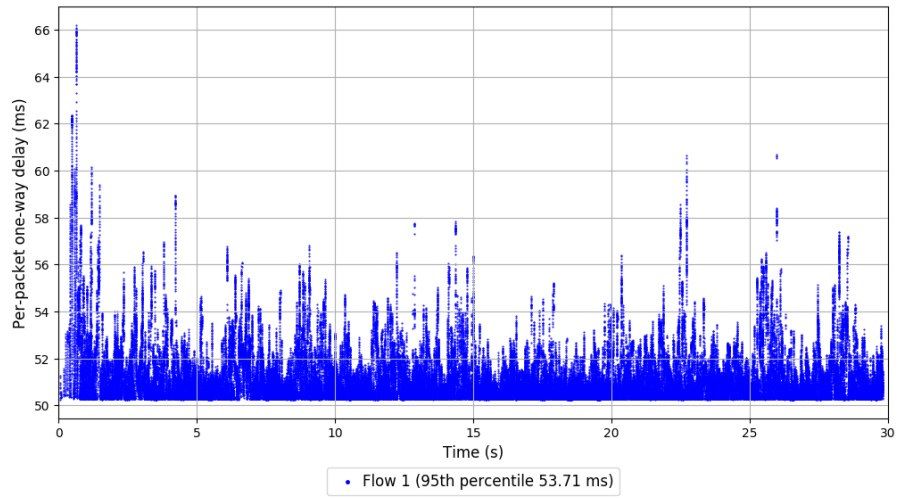
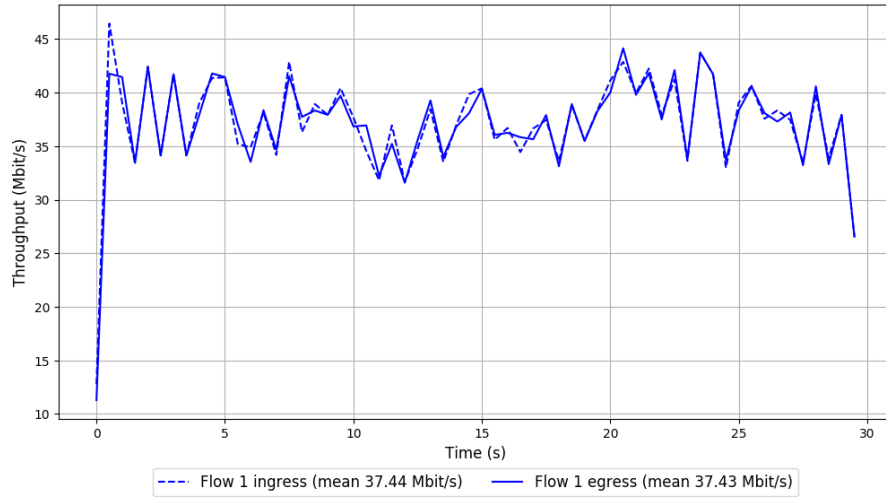


Run 8: Statistics of Indigo

Start at: 2017-08-29 10:13:47
End at: 2017-08-29 10:14:17
Local clock offset: 0.558 ms
Remote clock offset: -33.473 ms

Below is generated by plot.py at 2017-08-29 15:45:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.43 Mbit/s
95th percentile per-packet one-way delay: 53.708 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 37.43 Mbit/s
95th percentile per-packet one-way delay: 53.708 ms
Loss rate: 0.17%

Run 8: Report of Indigo — Data Link

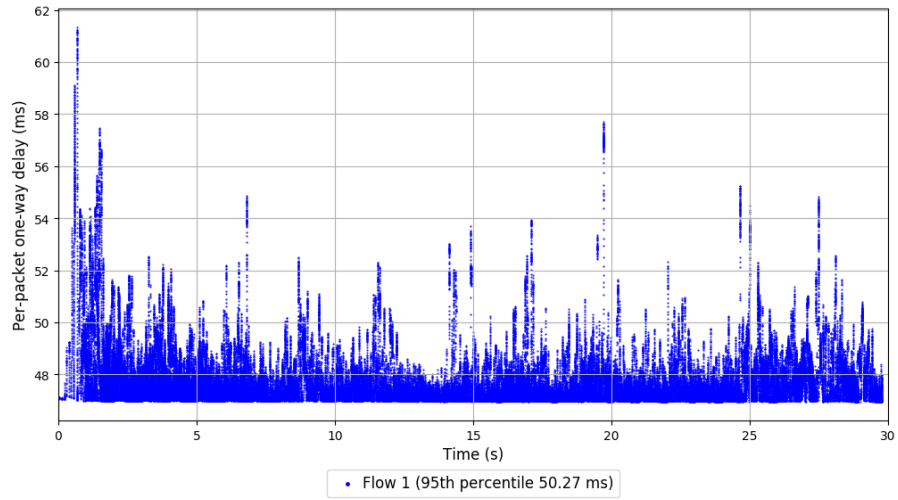
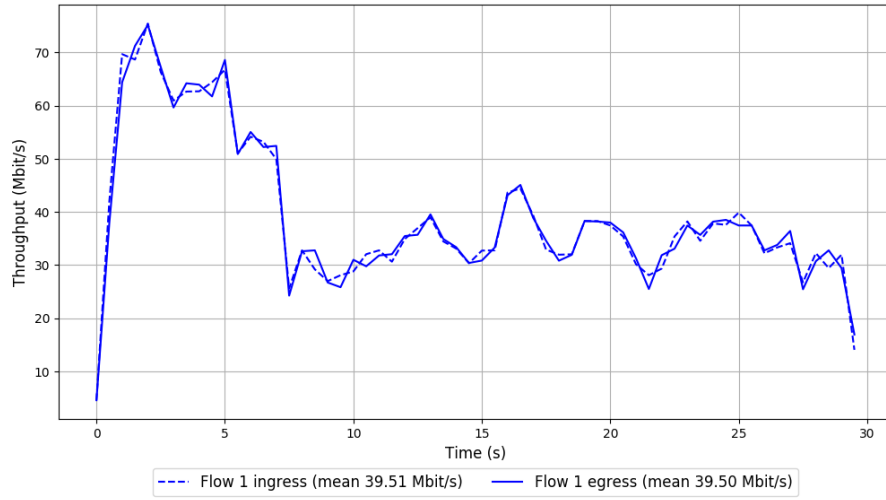


Run 9: Statistics of Indigo

Start at: 2017-08-29 10:36:34
End at: 2017-08-29 10:37:04
Local clock offset: 1.158 ms
Remote clock offset: -33.034 ms

Below is generated by plot.py at 2017-08-29 15:45:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.50 Mbit/s
95th percentile per-packet one-way delay: 50.266 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 39.50 Mbit/s
95th percentile per-packet one-way delay: 50.266 ms
Loss rate: 0.02%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-08-29 10:58:00
End at: 2017-08-29 10:58:30
Local clock offset: 2.057 ms
Remote clock offset: -32.696 ms

Below is generated by plot.py at 2017-08-29 15:46:05

Datalink statistics

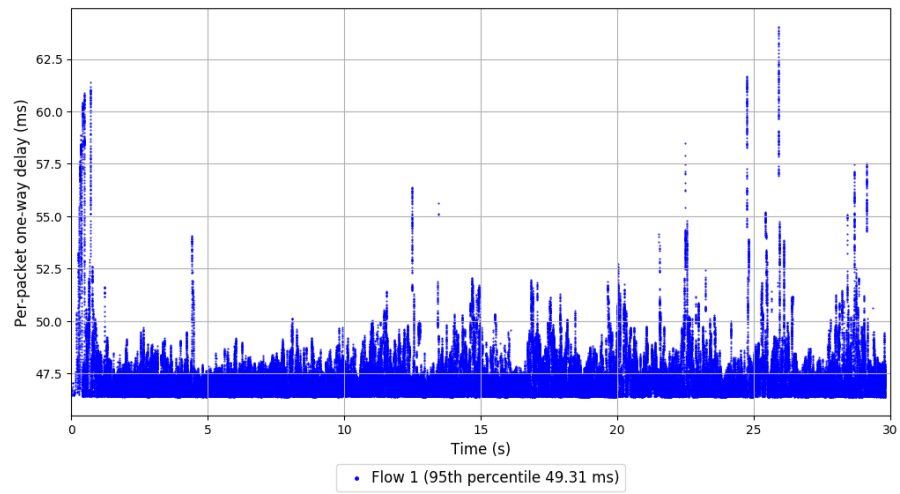
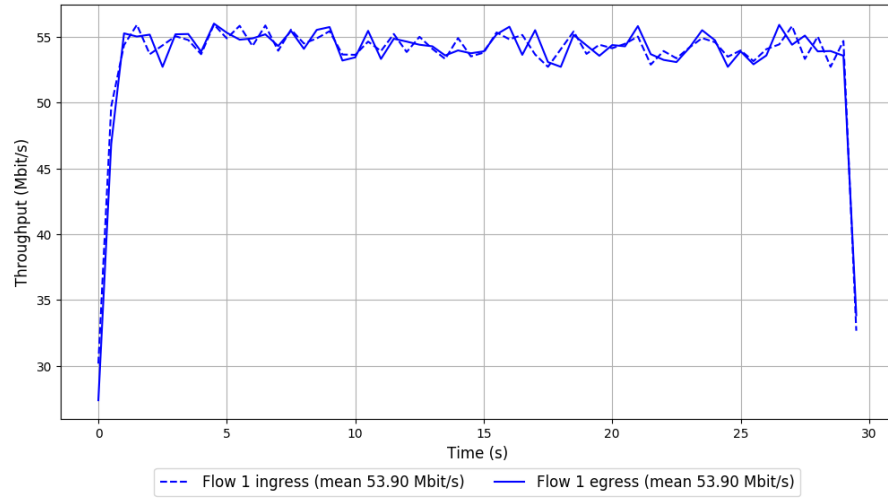
-- Total of 1 flow:

Average throughput: 53.90 Mbit/s
95th percentile per-packet one-way delay: 49.310 ms
Loss rate: 0.13%

-- Flow 1:

Average throughput: 53.90 Mbit/s
95th percentile per-packet one-way delay: 49.310 ms
Loss rate: 0.13%

Run 10: Report of Indigo — Data Link



Run 1: Statistics of KohoCC

Start at: 2017-08-29 07:40:33
End at: 2017-08-29 07:41:03
Local clock offset: -1.47 ms
Remote clock offset: -31.818 ms

Below is generated by plot.py at 2017-08-29 15:46:05

Datalink statistics

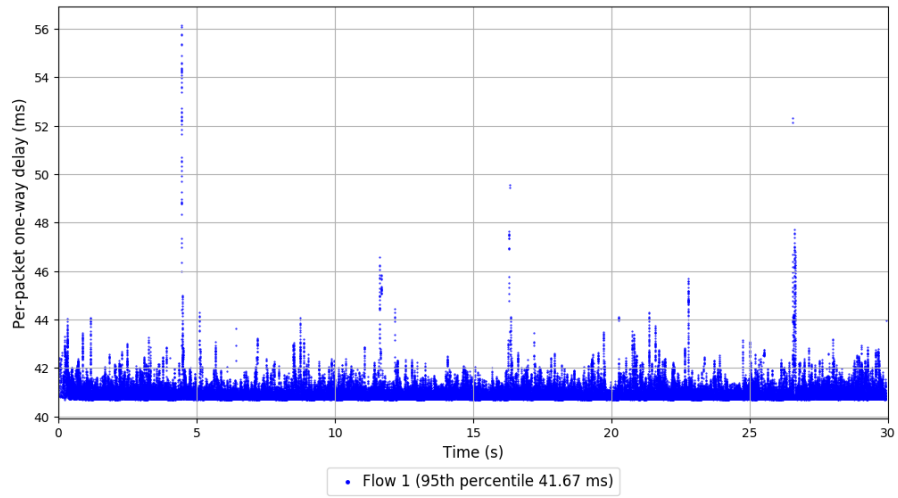
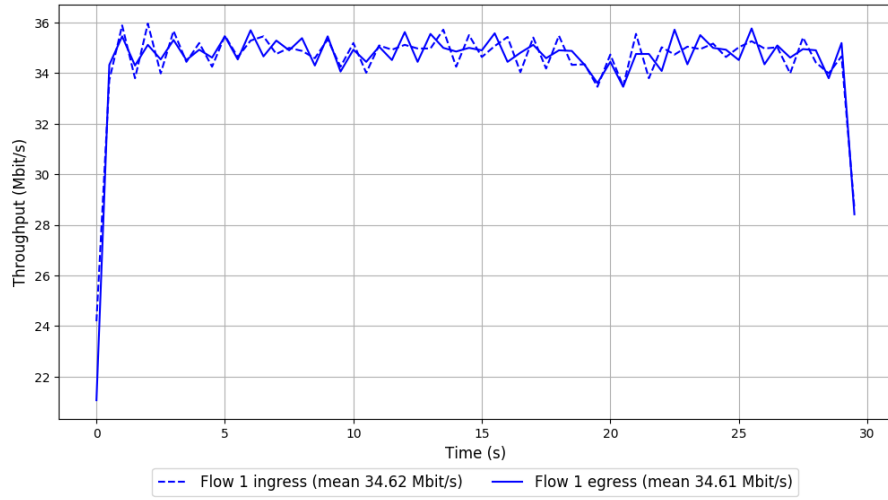
-- Total of 1 flow:

Average throughput: 34.61 Mbit/s
95th percentile per-packet one-way delay: 41.671 ms
Loss rate: 0.11%

-- Flow 1:

Average throughput: 34.61 Mbit/s
95th percentile per-packet one-way delay: 41.671 ms
Loss rate: 0.11%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

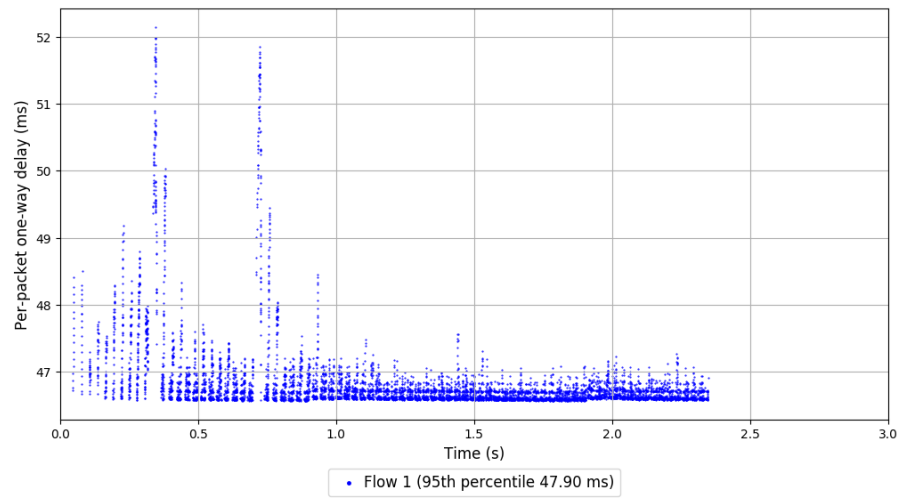
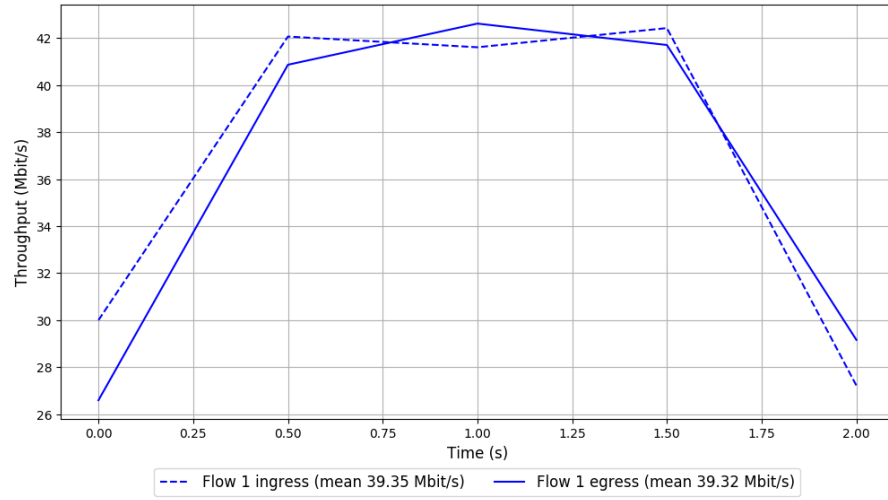
Start at: 2017-08-29 07:58:24

End at: 2017-08-29 07:58:54

Local clock offset: 0.477 ms

Remote clock offset: -35.052 ms

Run 2: Report of KohoCC — Data Link

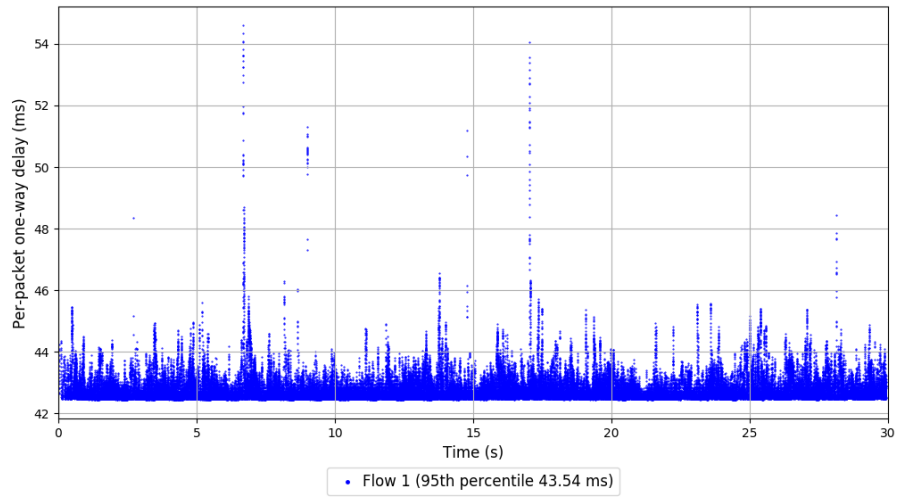
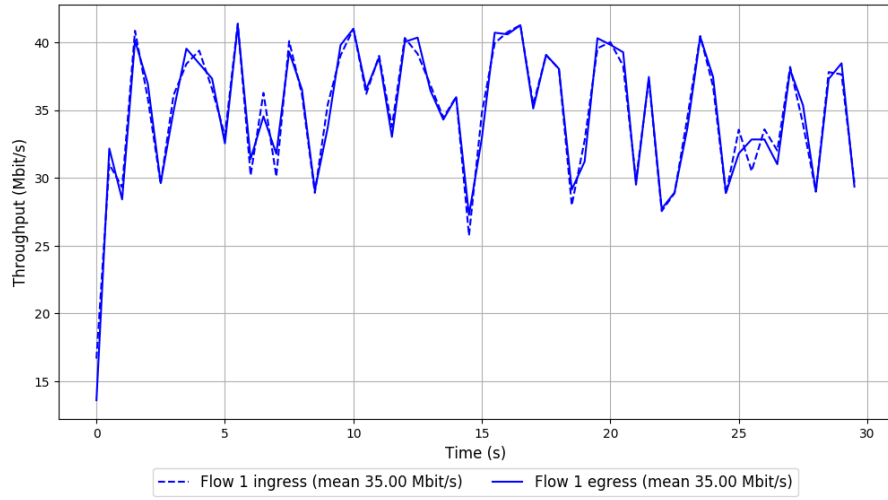


Run 3: Statistics of KohoCC

Start at: 2017-08-29 08:16:05
End at: 2017-08-29 08:16:35
Local clock offset: 1.443 ms
Remote clock offset: -29.797 ms

Below is generated by plot.py at 2017-08-29 15:46:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.00 Mbit/s
95th percentile per-packet one-way delay: 43.536 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 35.00 Mbit/s
95th percentile per-packet one-way delay: 43.536 ms
Loss rate: 0.11%

Run 3: Report of KohoCC — Data Link

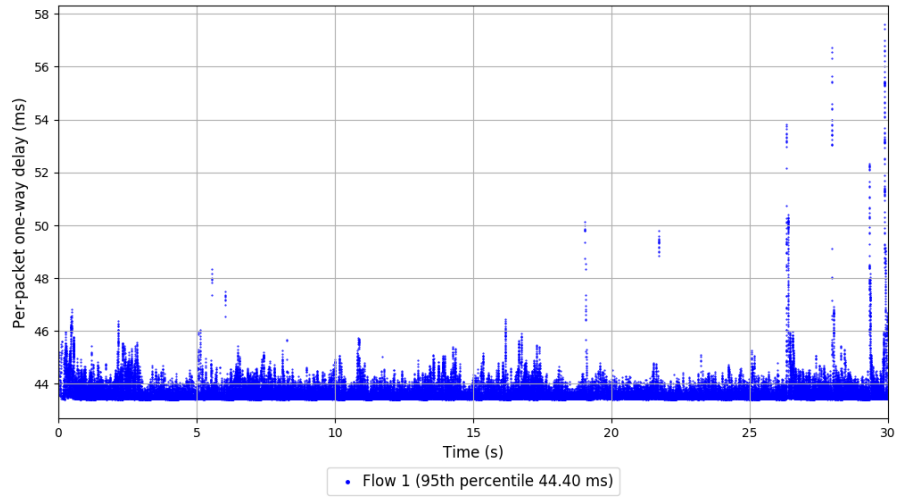
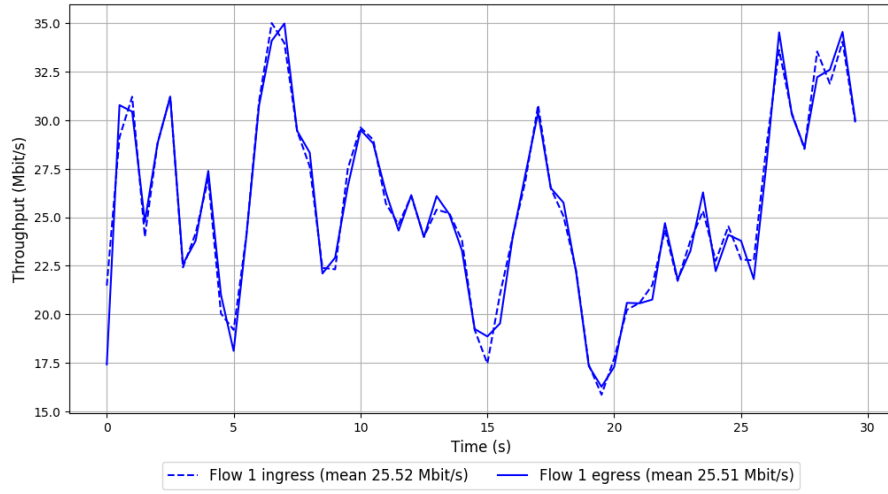


Run 4: Statistics of KohoCC

Start at: 2017-08-29 08:35:41
End at: 2017-08-29 08:36:11
Local clock offset: -2.218 ms
Remote clock offset: -30.17 ms

Below is generated by plot.py at 2017-08-29 15:46:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.51 Mbit/s
95th percentile per-packet one-way delay: 44.395 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 25.51 Mbit/s
95th percentile per-packet one-way delay: 44.395 ms
Loss rate: 0.16%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

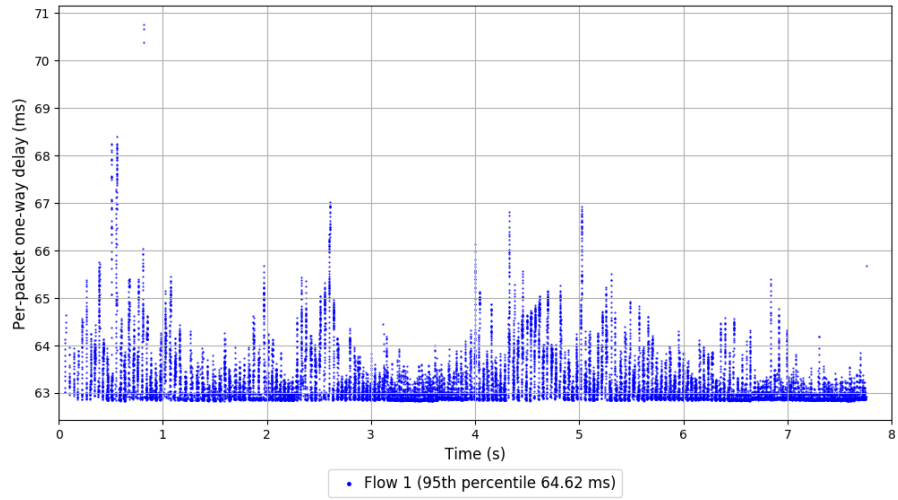
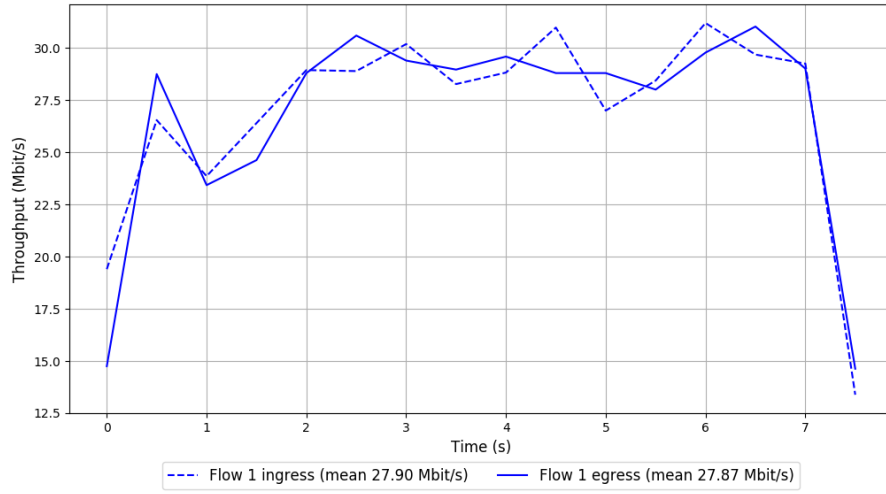
Start at: 2017-08-29 08:54:17

End at: 2017-08-29 08:54:47

Local clock offset: 1.276 ms

Remote clock offset: -45.944 ms

Run 5: Report of KohoCC — Data Link

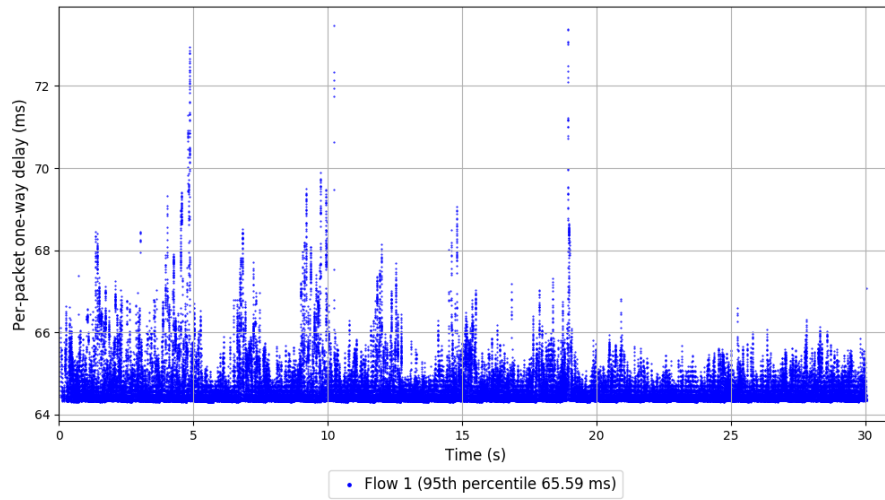
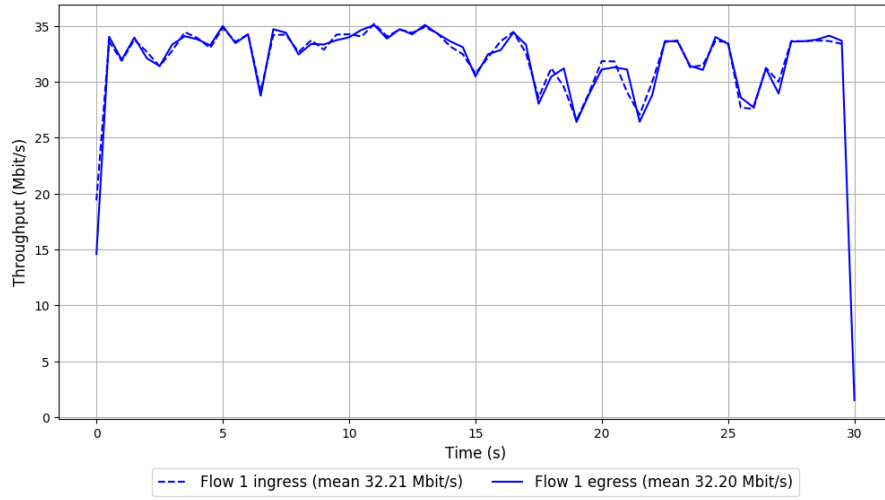


Run 6: Statistics of KohoCC

Start at: 2017-08-29 09:15:14
End at: 2017-08-29 09:15:44
Local clock offset: -2.154 ms
Remote clock offset: -48.959 ms

Below is generated by plot.py at 2017-08-29 15:46:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 65.591 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 65.591 ms
Loss rate: 0.12%

Run 6: Report of KohoCC — Data Link

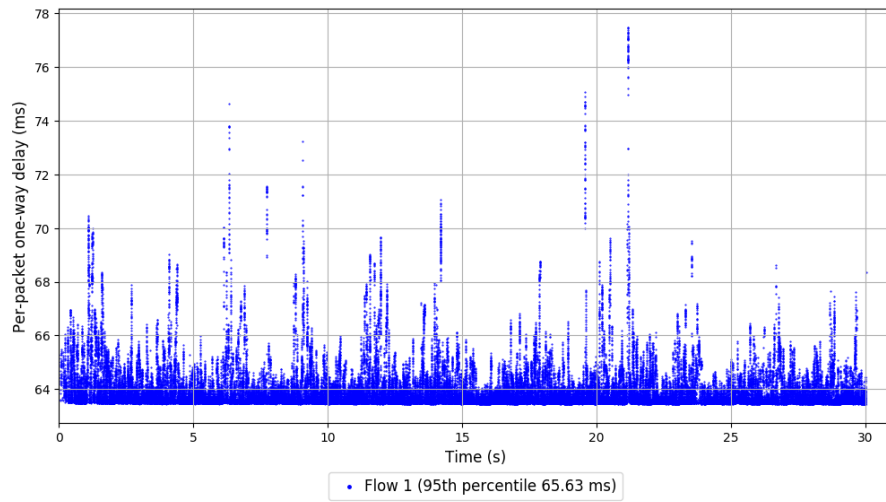
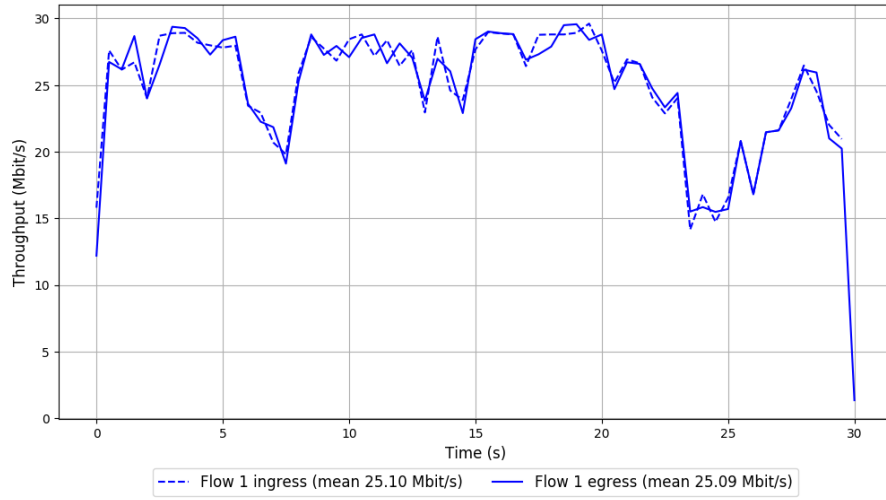


Run 7: Statistics of KohoCC

Start at: 2017-08-29 09:37:16
End at: 2017-08-29 09:37:46
Local clock offset: -1.876 ms
Remote clock offset: -48.158 ms

Below is generated by plot.py at 2017-08-29 15:46:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.09 Mbit/s
95th percentile per-packet one-way delay: 65.628 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 25.09 Mbit/s
95th percentile per-packet one-way delay: 65.628 ms
Loss rate: 0.16%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: 2017-08-29 09:59:24

End at: 2017-08-29 09:59:54

Local clock offset: 1.705 ms

Remote clock offset: -47.58 ms

Below is generated by plot.py at 2017-08-29 15:46:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.65 Mbit/s

95th percentile per-packet one-way delay: 67.496 ms

Loss rate: 0.14%

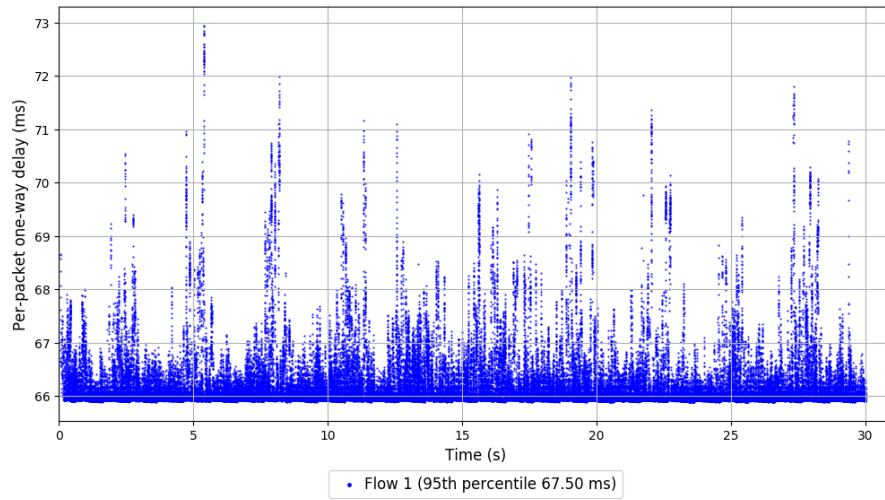
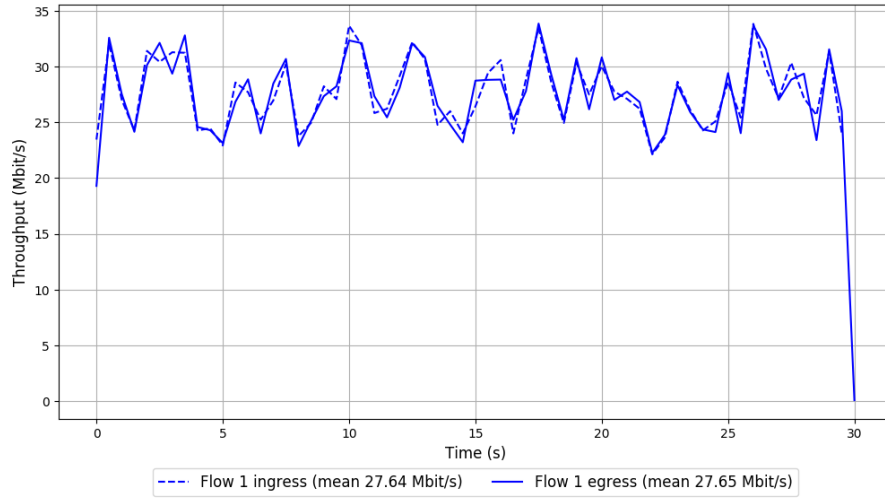
-- Flow 1:

Average throughput: 27.65 Mbit/s

95th percentile per-packet one-way delay: 67.496 ms

Loss rate: 0.14%

Run 8: Report of KohoCC — Data Link

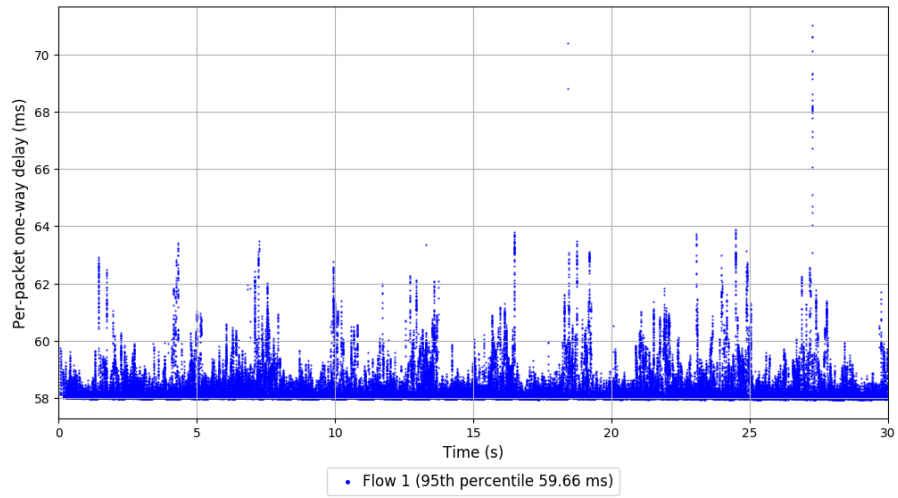
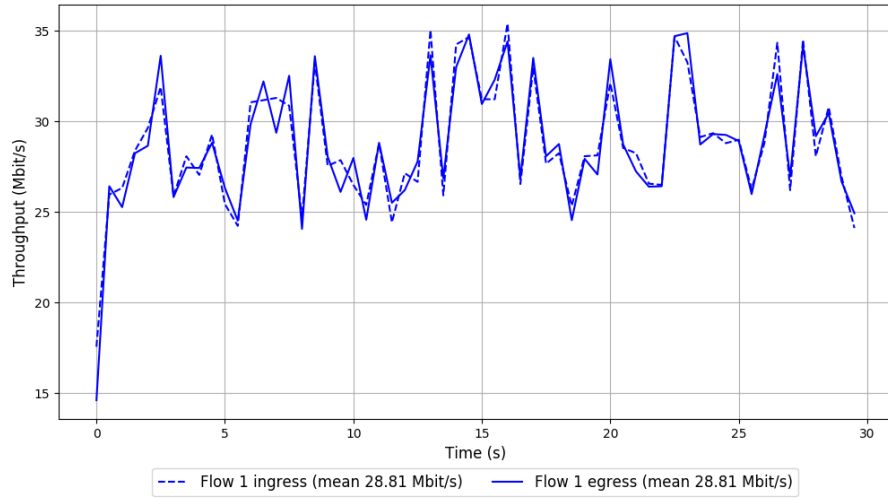


Run 9: Statistics of KohoCC

Start at: 2017-08-29 10:21:46
End at: 2017-08-29 10:22:16
Local clock offset: -3.52 ms
Remote clock offset: -47.851 ms

Below is generated by plot.py at 2017-08-29 15:46:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.81 Mbit/s
95th percentile per-packet one-way delay: 59.657 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 28.81 Mbit/s
95th percentile per-packet one-way delay: 59.657 ms
Loss rate: 0.14%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-08-29 10:43:50

End at: 2017-08-29 10:44:20

Local clock offset: 3.178 ms

Remote clock offset: -32.519 ms

Below is generated by plot.py at 2017-08-29 15:46:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.58 Mbit/s

95th percentile per-packet one-way delay: 49.503 ms

Loss rate: 0.15%

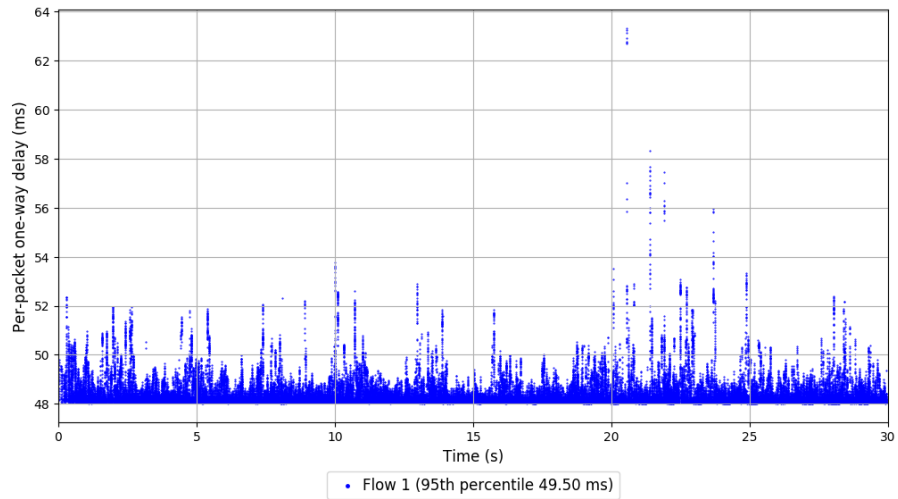
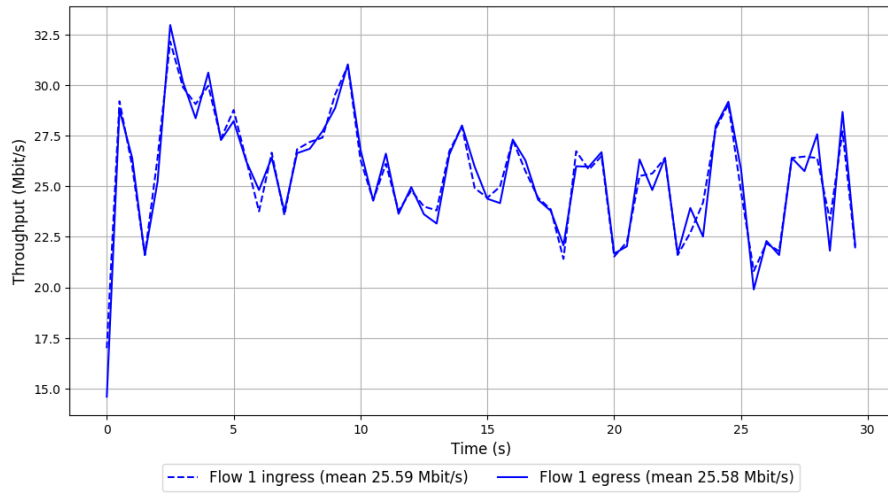
-- Flow 1:

Average throughput: 25.58 Mbit/s

95th percentile per-packet one-way delay: 49.503 ms

Loss rate: 0.15%

Run 10: Report of KohoCC — Data Link

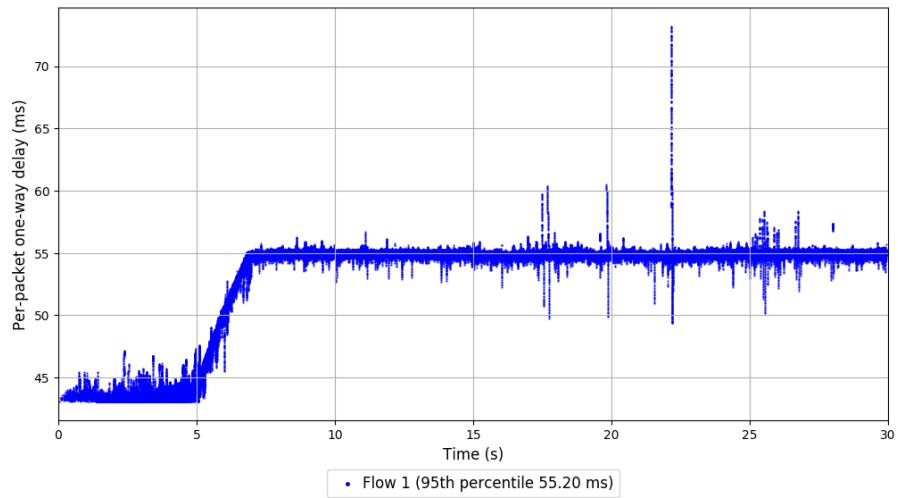
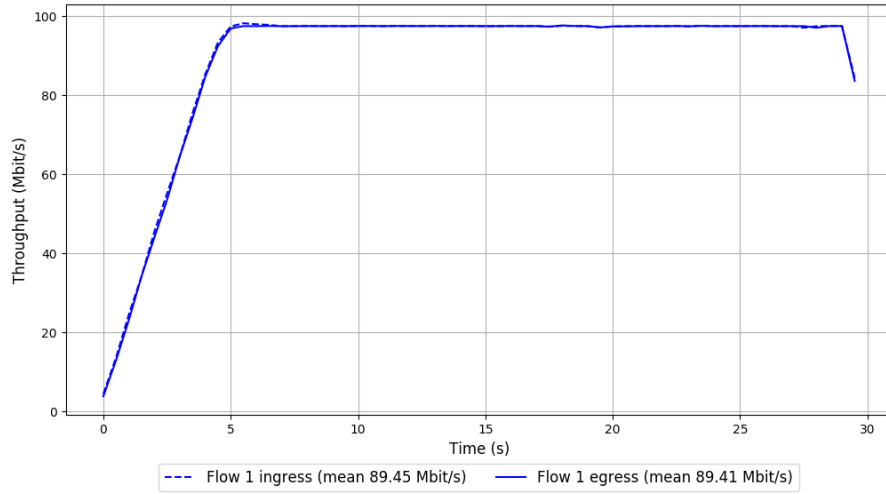


Run 1: Statistics of LEDBAT

Start at: 2017-08-29 07:39:20
End at: 2017-08-29 07:39:50
Local clock offset: -1.611 ms
Remote clock offset: -34.323 ms

Below is generated by plot.py at 2017-08-29 15:46:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 55.196 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 55.196 ms
Loss rate: 0.21%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2017-08-29 07:57:06

End at: 2017-08-29 07:57:36

Local clock offset: 1.568 ms

Remote clock offset: -32.78 ms

Below is generated by plot.py at 2017-08-29 15:46:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.25 Mbit/s

95th percentile per-packet one-way delay: 57.485 ms

Loss rate: 0.20%

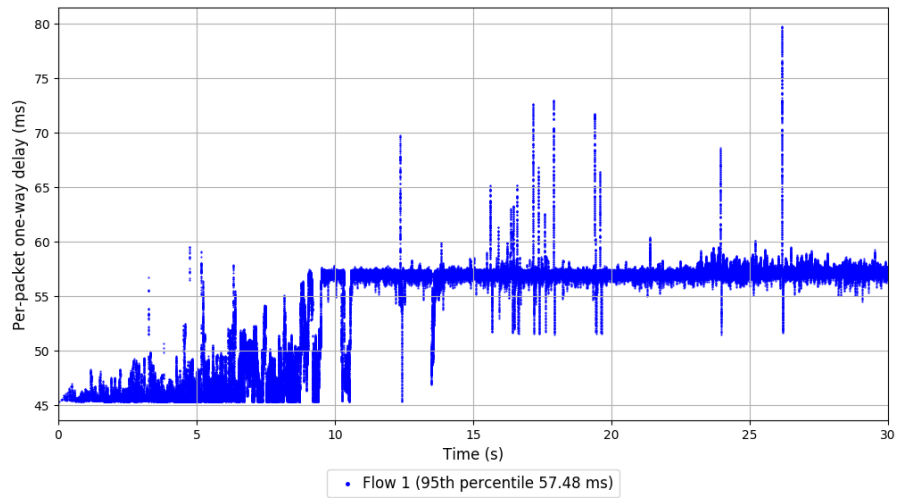
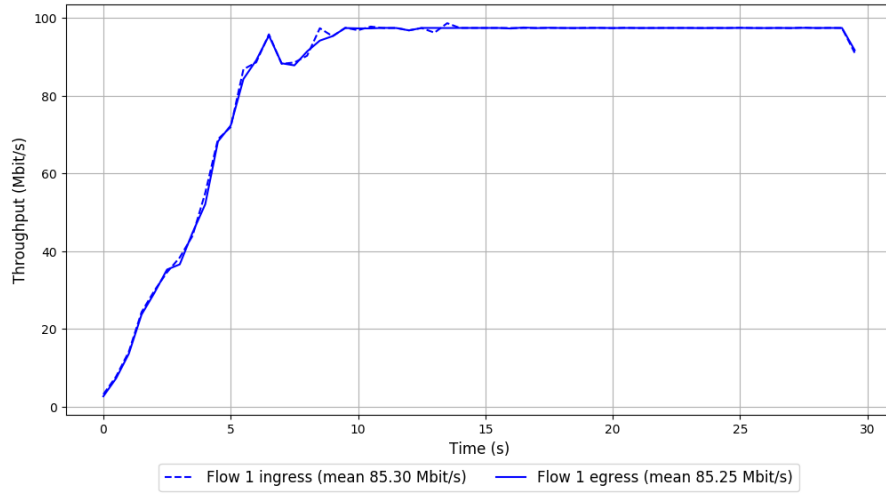
-- Flow 1:

Average throughput: 85.25 Mbit/s

95th percentile per-packet one-way delay: 57.485 ms

Loss rate: 0.20%

Run 2: Report of LEDBAT — Data Link

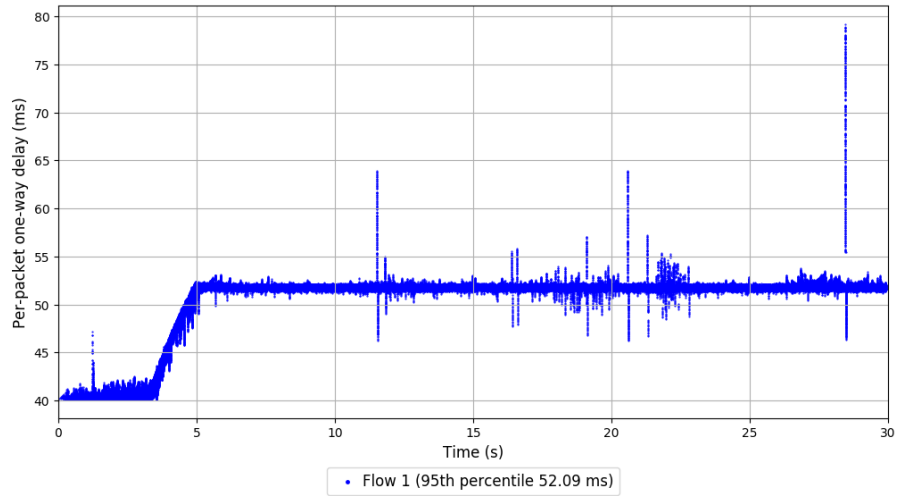
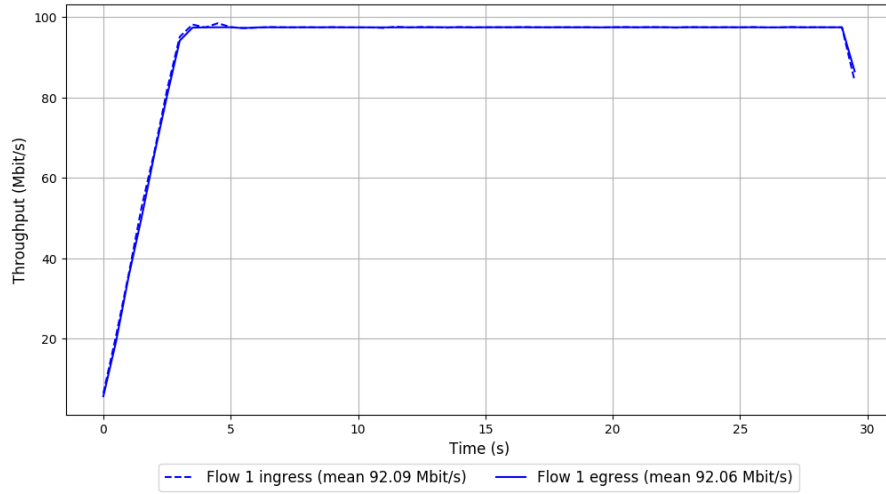


Run 3: Statistics of LEDBAT

Start at: 2017-08-29 08:14:49
End at: 2017-08-29 08:15:19
Local clock offset: -2.036 ms
Remote clock offset: -30.98 ms

Below is generated by plot.py at 2017-08-29 15:46:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.06 Mbit/s
95th percentile per-packet one-way delay: 52.090 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 92.06 Mbit/s
95th percentile per-packet one-way delay: 52.090 ms
Loss rate: 0.14%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-08-29 08:34:23

End at: 2017-08-29 08:34:53

Local clock offset: 1.087 ms

Remote clock offset: -47.2 ms

Below is generated by plot.py at 2017-08-29 15:46:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.50 Mbit/s

95th percentile per-packet one-way delay: 75.679 ms

Loss rate: 0.25%

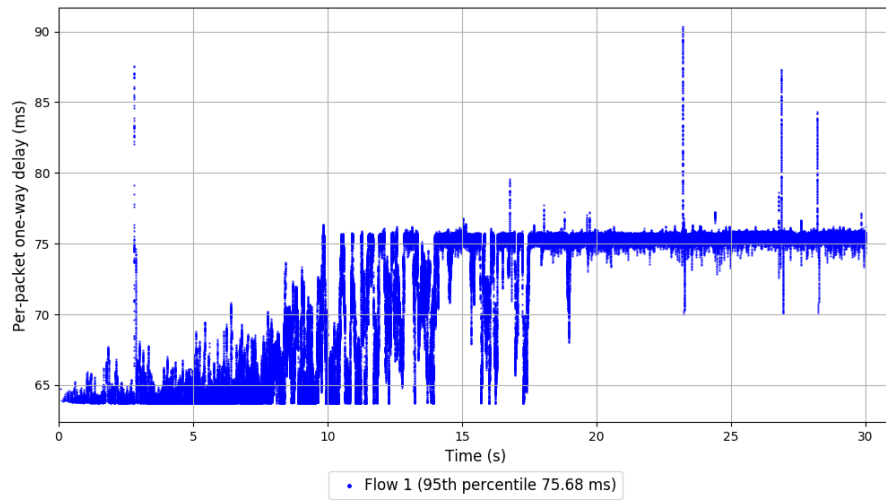
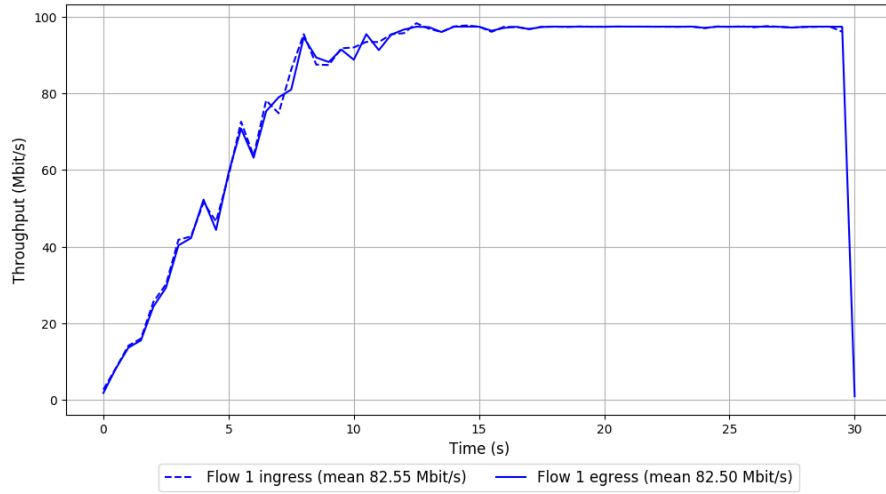
-- Flow 1:

Average throughput: 82.50 Mbit/s

95th percentile per-packet one-way delay: 75.679 ms

Loss rate: 0.25%

Run 4: Report of LEDBAT — Data Link

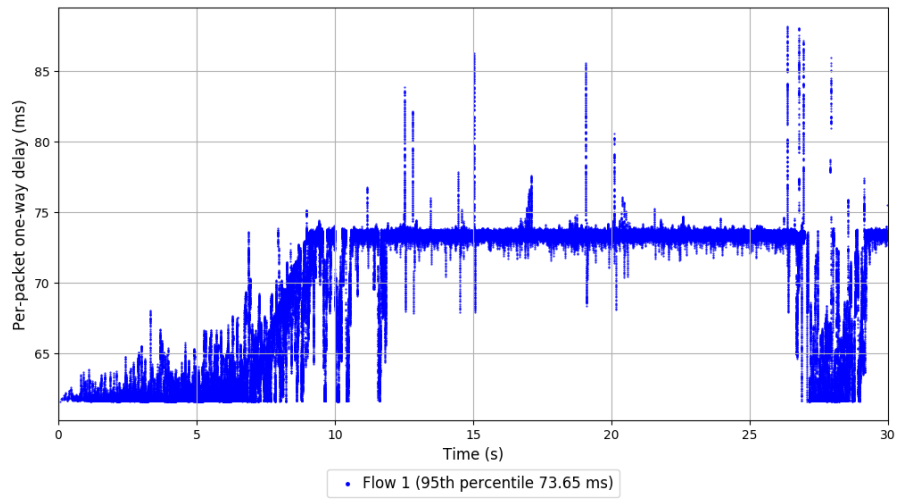
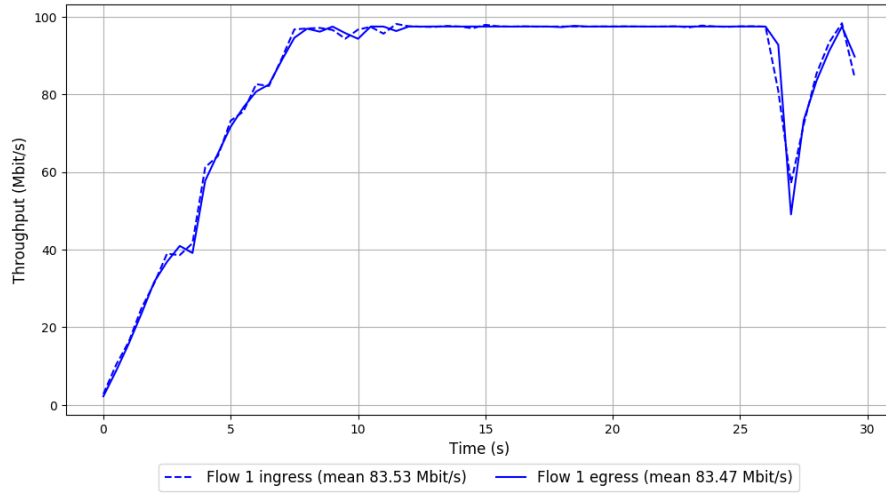


Run 5: Statistics of LEDBAT

Start at: 2017-08-29 08:53:01
End at: 2017-08-29 08:53:31
Local clock offset: -0.344 ms
Remote clock offset: -46.328 ms

Below is generated by plot.py at 2017-08-29 15:46:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.47 Mbit/s
95th percentile per-packet one-way delay: 73.649 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 83.47 Mbit/s
95th percentile per-packet one-way delay: 73.649 ms
Loss rate: 0.18%

Run 5: Report of LEDBAT — Data Link

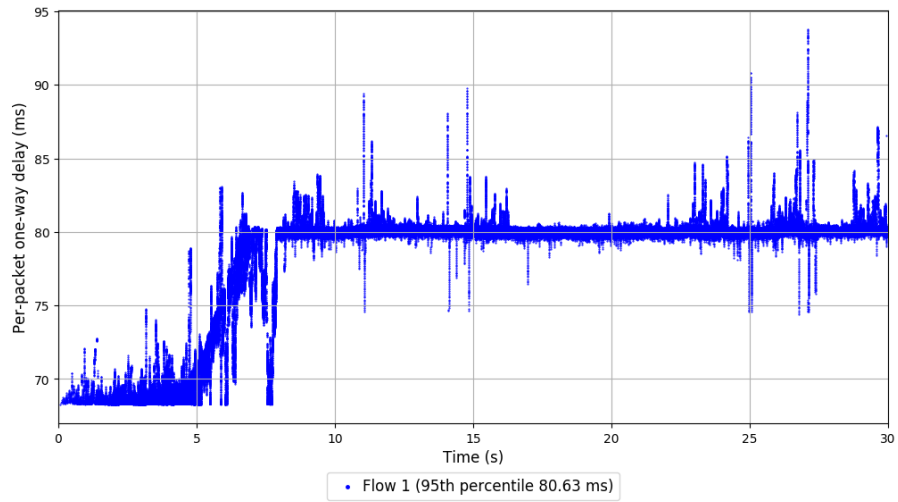
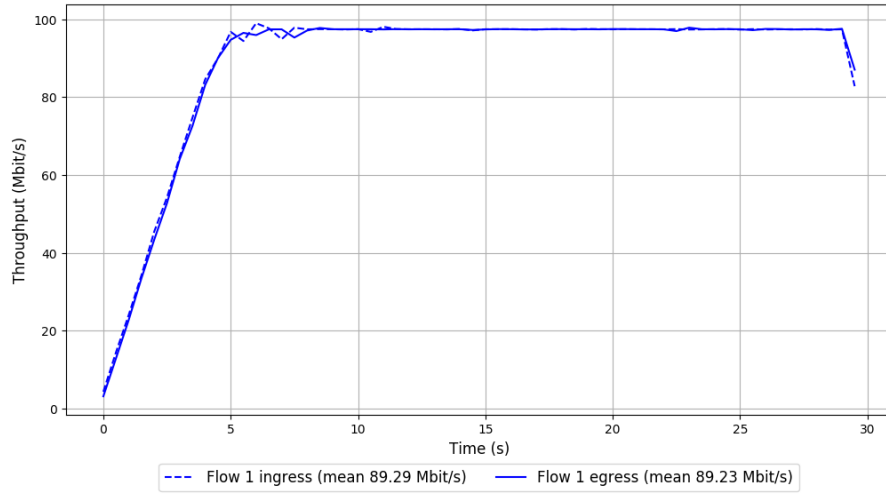


Run 6: Statistics of LEDBAT

Start at: 2017-08-29 09:13:35
End at: 2017-08-29 09:14:05
Local clock offset: 0.321 ms
Remote clock offset: -50.481 ms

Below is generated by plot.py at 2017-08-29 15:46:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 80.626 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 80.626 ms
Loss rate: 0.21%

Run 6: Report of LEDBAT — Data Link

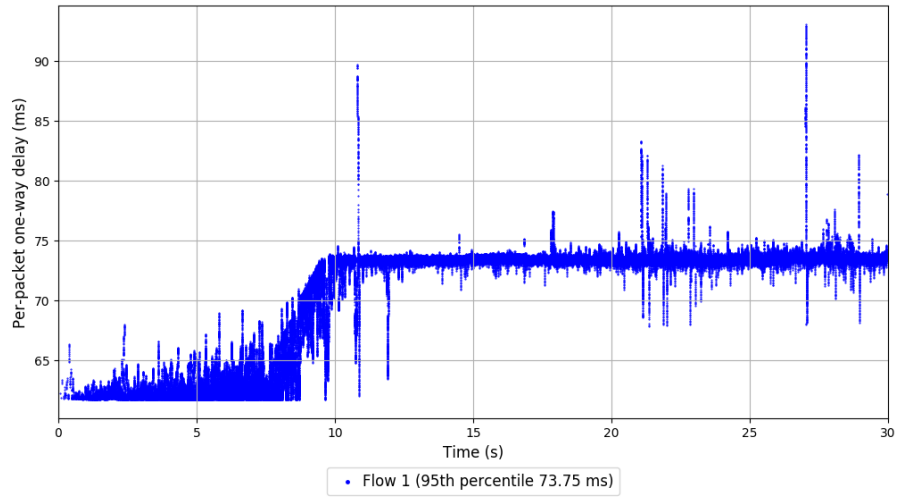
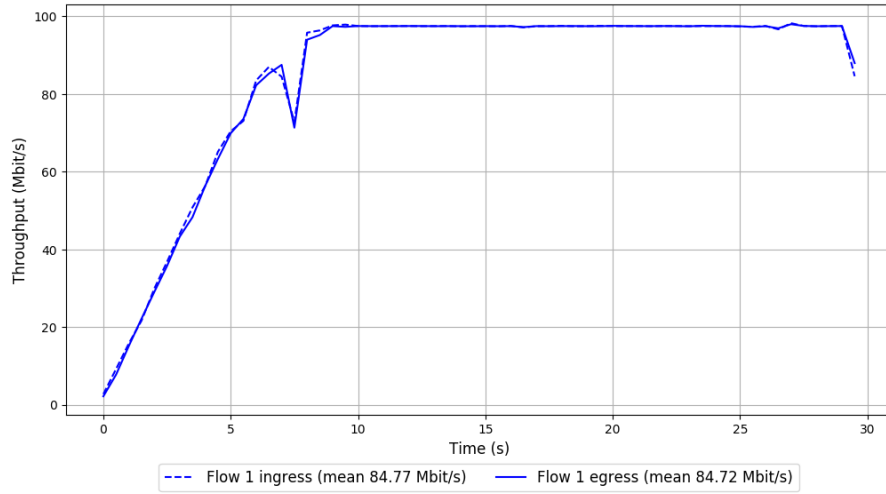


Run 7: Statistics of LEDBAT

Start at: 2017-08-29 09:35:39
End at: 2017-08-29 09:36:09
Local clock offset: -1.792 ms
Remote clock offset: -46.244 ms

```
# Below is generated by plot.py at 2017-08-29 15:47:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.72 Mbit/s
95th percentile per-packet one-way delay: 73.745 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 84.72 Mbit/s
95th percentile per-packet one-way delay: 73.745 ms
Loss rate: 0.22%
```


Run 7: Report of LEDBAT — Data Link

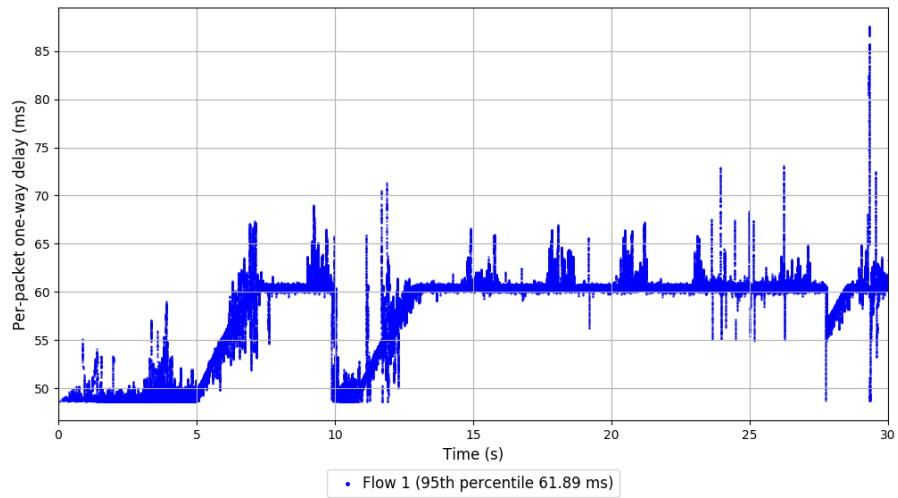
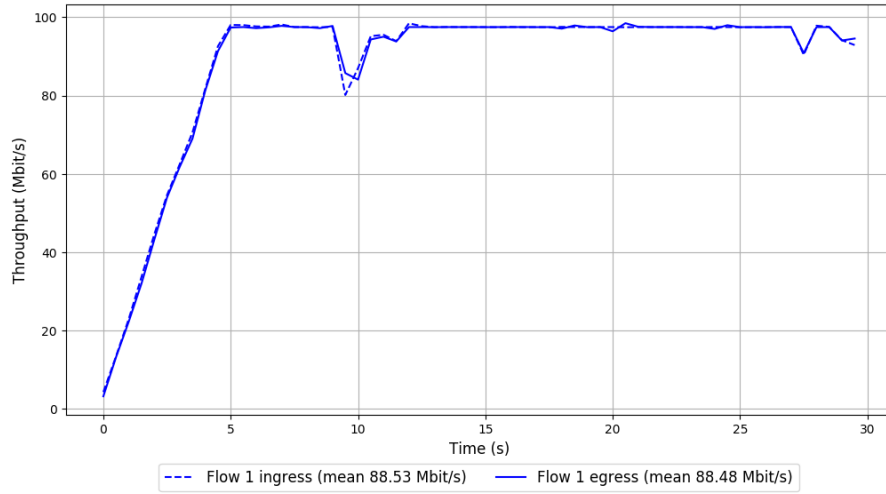


Run 8: Statistics of LEDBAT

Start at: 2017-08-29 09:57:37
End at: 2017-08-29 09:58:07
Local clock offset: -1.45 ms
Remote clock offset: -33.457 ms

Below is generated by plot.py at 2017-08-29 15:47:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 61.889 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 61.889 ms
Loss rate: 0.19%

Run 8: Report of LEDBAT — Data Link

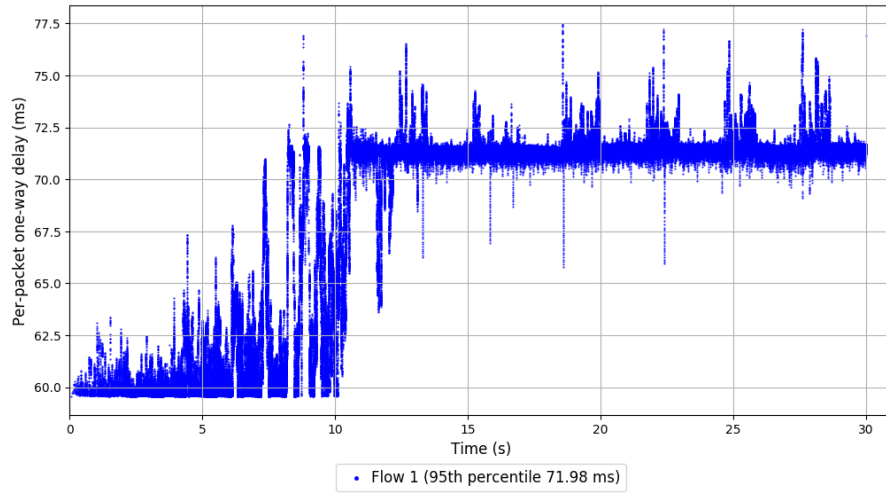
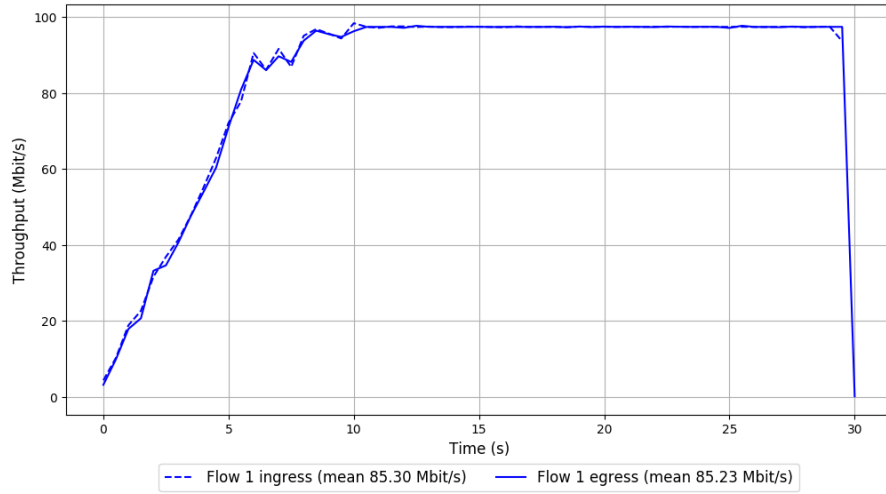


Run 9: Statistics of LEDBAT

Start at: 2017-08-29 10:19:51
End at: 2017-08-29 10:20:21
Local clock offset: -3.487 ms
Remote clock offset: -49.292 ms

Below is generated by plot.py at 2017-08-29 15:47:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.23 Mbit/s
95th percentile per-packet one-way delay: 71.982 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 85.23 Mbit/s
95th percentile per-packet one-way delay: 71.982 ms
Loss rate: 0.20%

Run 9: Report of LEDBAT — Data Link

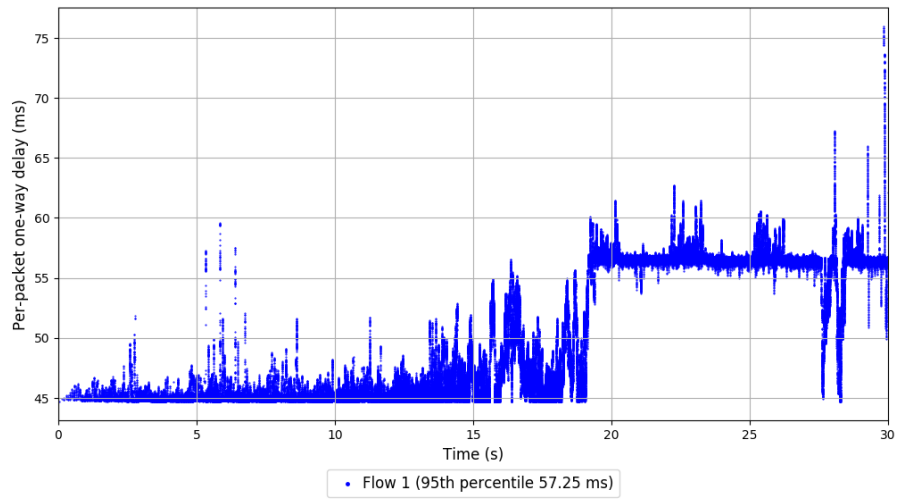
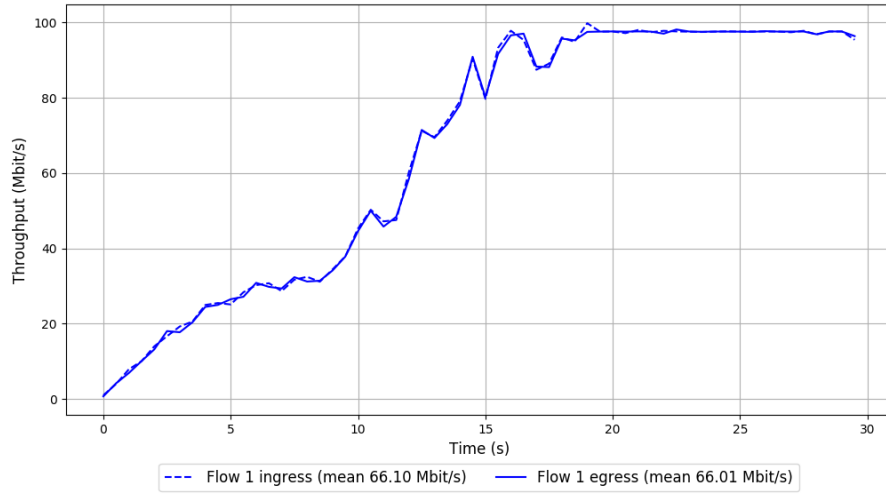


Run 10: Statistics of LEDBAT

Start at: 2017-08-29 10:42:19
End at: 2017-08-29 10:42:49
Local clock offset: -0.963 ms
Remote clock offset: -33.248 ms

Below is generated by plot.py at 2017-08-29 15:47:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.01 Mbit/s
95th percentile per-packet one-way delay: 57.254 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 66.01 Mbit/s
95th percentile per-packet one-way delay: 57.254 ms
Loss rate: 0.25%

Run 10: Report of LEDBAT — Data Link

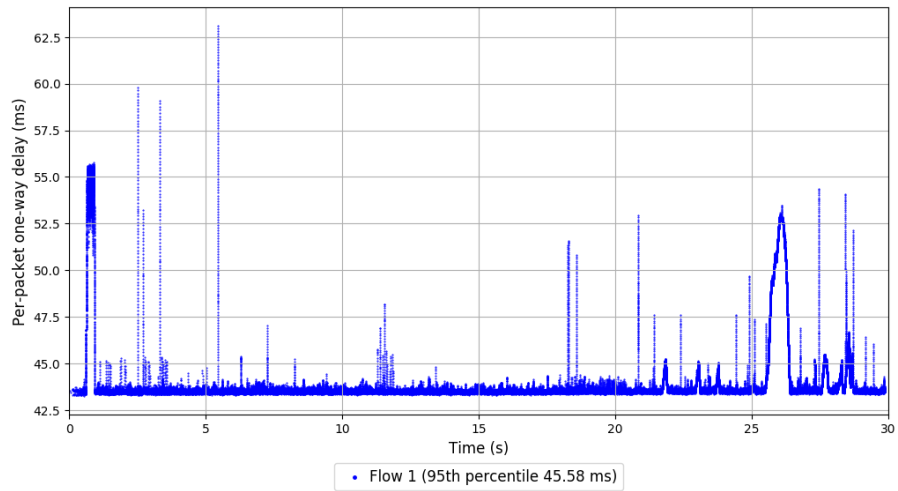
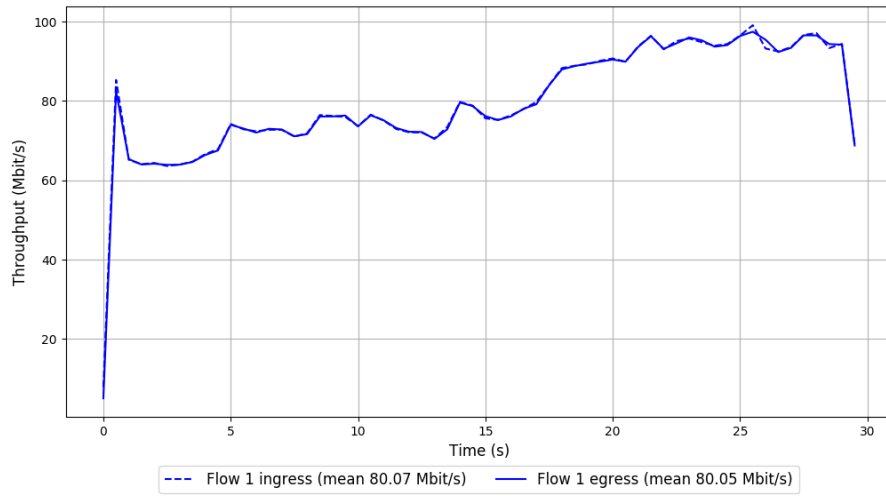


Run 1: Statistics of PCC

Start at: 2017-08-29 07:41:42
End at: 2017-08-29 07:42:12
Local clock offset: 0.328 ms
Remote clock offset: -32.782 ms

Below is generated by plot.py at 2017-08-29 15:47:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.05 Mbit/s
95th percentile per-packet one-way delay: 45.584 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 80.05 Mbit/s
95th percentile per-packet one-way delay: 45.584 ms
Loss rate: 0.18%

Run 1: Report of PCC — Data Link

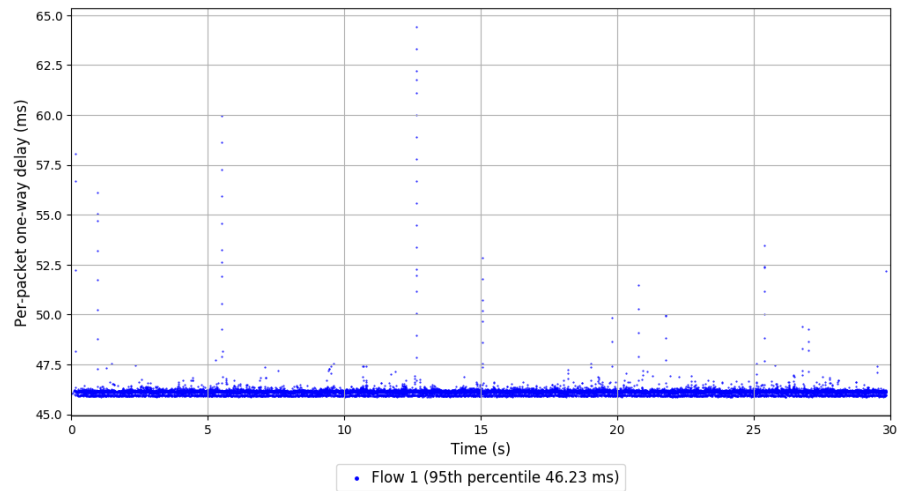
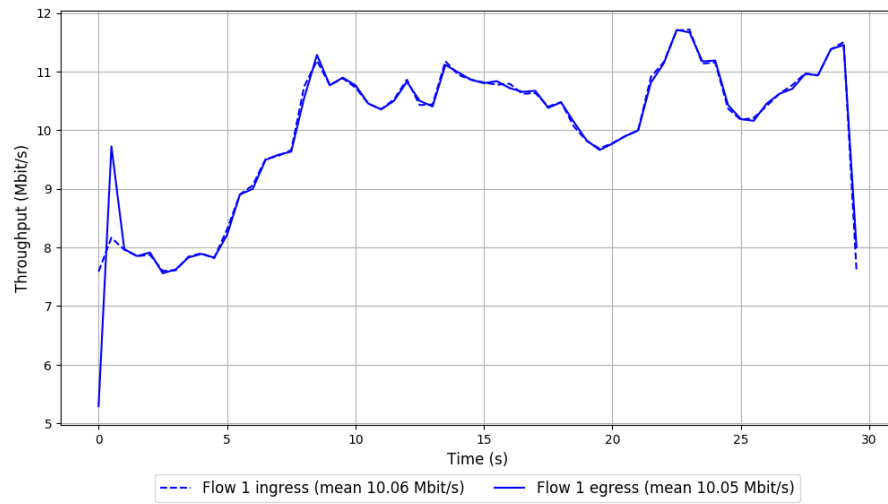


Run 2: Statistics of PCC

Start at: 2017-08-29 07:59:29
End at: 2017-08-29 07:59:59
Local clock offset: 0.512 ms
Remote clock offset: -34.526 ms

Below is generated by plot.py at 2017-08-29 15:47:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.05 Mbit/s
95th percentile per-packet one-way delay: 46.228 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 10.05 Mbit/s
95th percentile per-packet one-way delay: 46.228 ms
Loss rate: 0.11%

Run 2: Report of PCC — Data Link

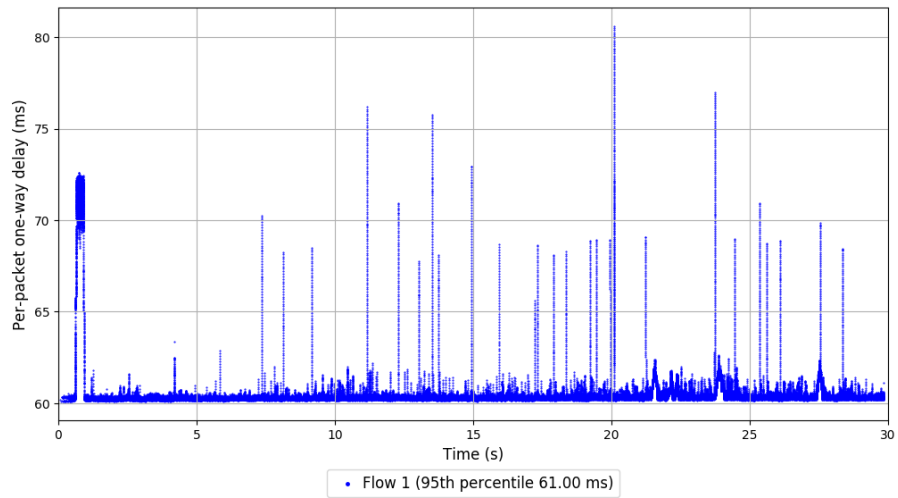
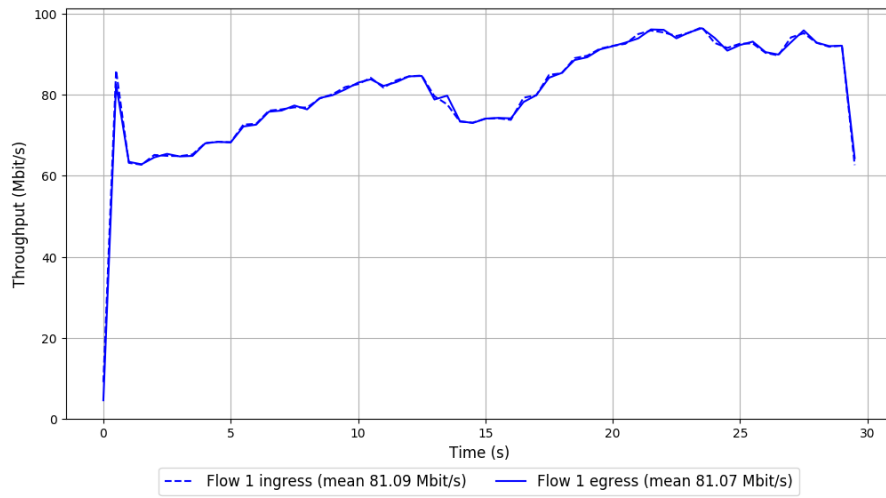


Run 3: Statistics of PCC

Start at: 2017-08-29 08:17:14
End at: 2017-08-29 08:17:44
Local clock offset: 0.16 ms
Remote clock offset: -43.134 ms

Below is generated by plot.py at 2017-08-29 15:47:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.07 Mbit/s
95th percentile per-packet one-way delay: 60.996 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 81.07 Mbit/s
95th percentile per-packet one-way delay: 60.996 ms
Loss rate: 0.19%

Run 3: Report of PCC — Data Link

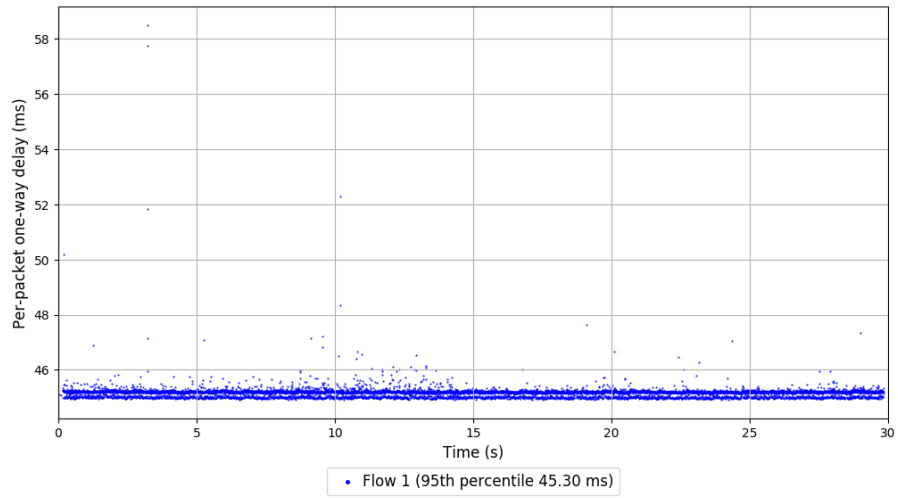
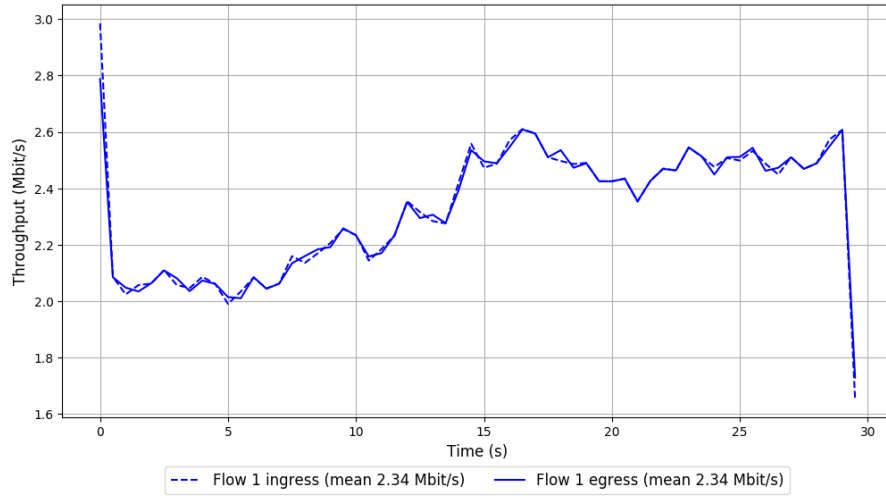


Run 4: Statistics of PCC

Start at: 2017-08-29 08:36:49
End at: 2017-08-29 08:37:19
Local clock offset: -1.31 ms
Remote clock offset: -30.991 ms

Below is generated by plot.py at 2017-08-29 15:47:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 45.297 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 45.297 ms
Loss rate: 0.12%

Run 4: Report of PCC — Data Link

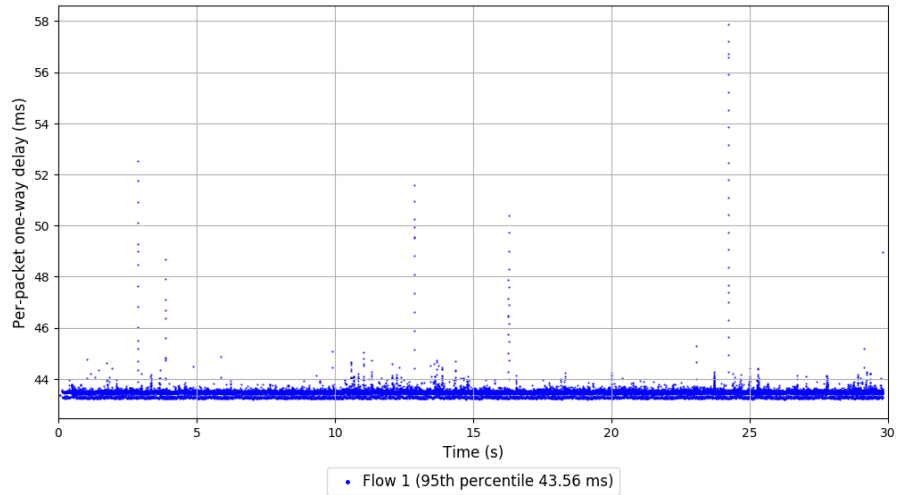
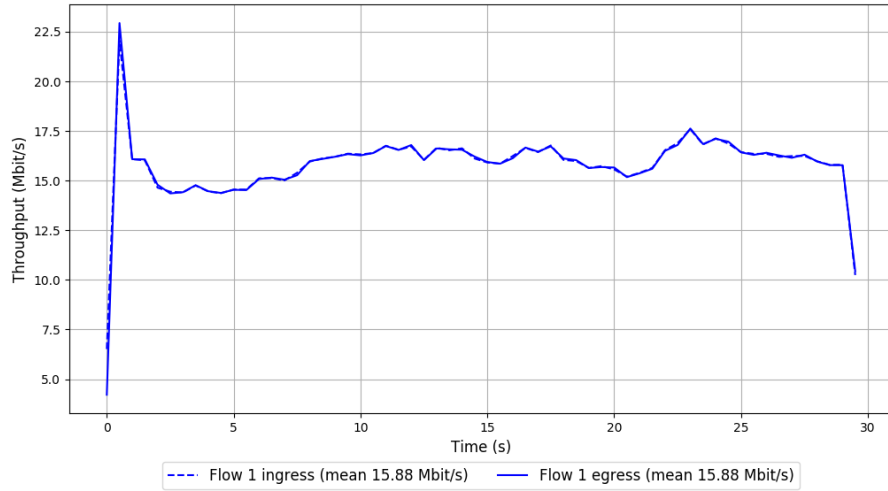


Run 5: Statistics of PCC

Start at: 2017-08-29 08:55:24
End at: 2017-08-29 08:55:54
Local clock offset: -2.408 ms
Remote clock offset: -30.217 ms

Below is generated by plot.py at 2017-08-29 15:47:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 43.556 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 43.556 ms
Loss rate: 0.13%

Run 5: Report of PCC — Data Link

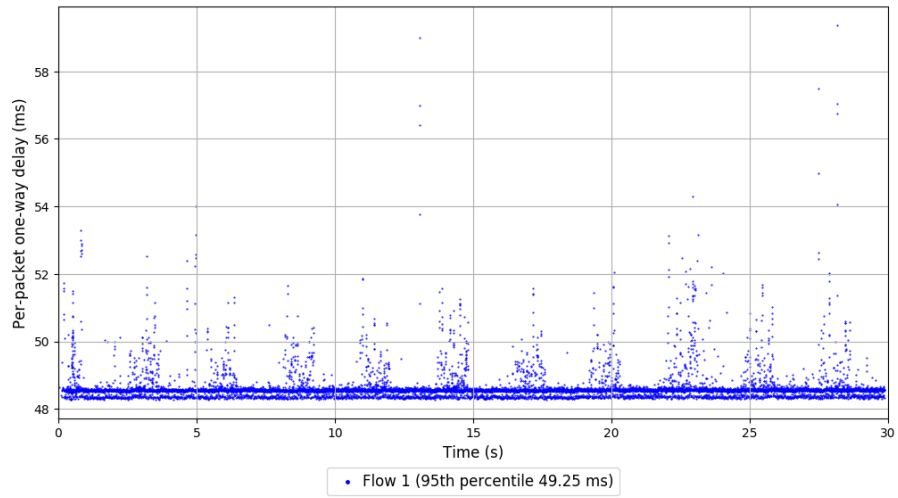
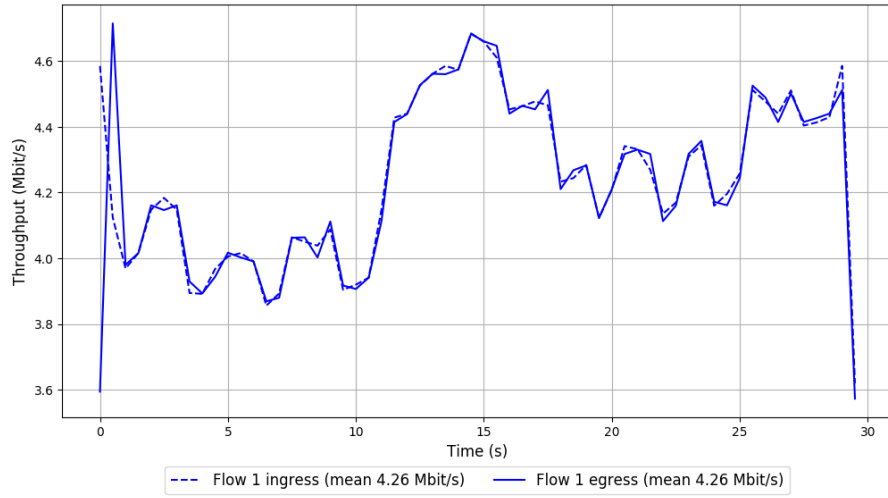


Run 6: Statistics of PCC

Start at: 2017-08-29 09:16:26
End at: 2017-08-29 09:16:56
Local clock offset: -1.548 ms
Remote clock offset: -32.518 ms

Below is generated by plot.py at 2017-08-29 15:47:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 49.248 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 49.248 ms
Loss rate: 0.21%

Run 6: Report of PCC — Data Link

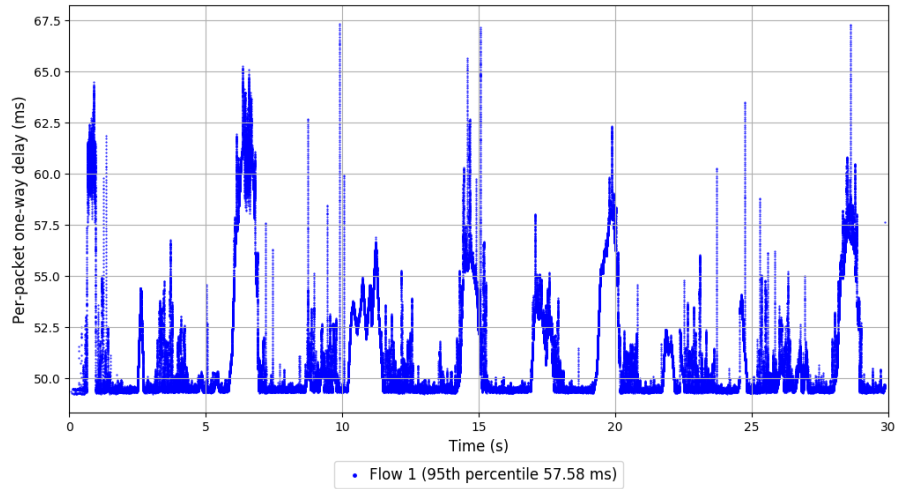
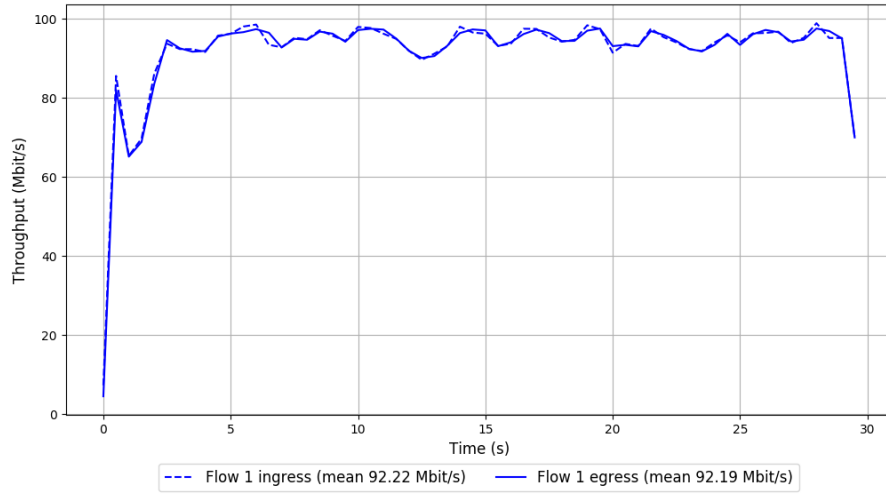


Run 7: Statistics of PCC

Start at: 2017-08-29 09:38:35
End at: 2017-08-29 09:39:05
Local clock offset: 0.338 ms
Remote clock offset: -31.939 ms

Below is generated by plot.py at 2017-08-29 15:47:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.19 Mbit/s
95th percentile per-packet one-way delay: 57.582 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 92.19 Mbit/s
95th percentile per-packet one-way delay: 57.582 ms
Loss rate: 0.17%

Run 7: Report of PCC — Data Link

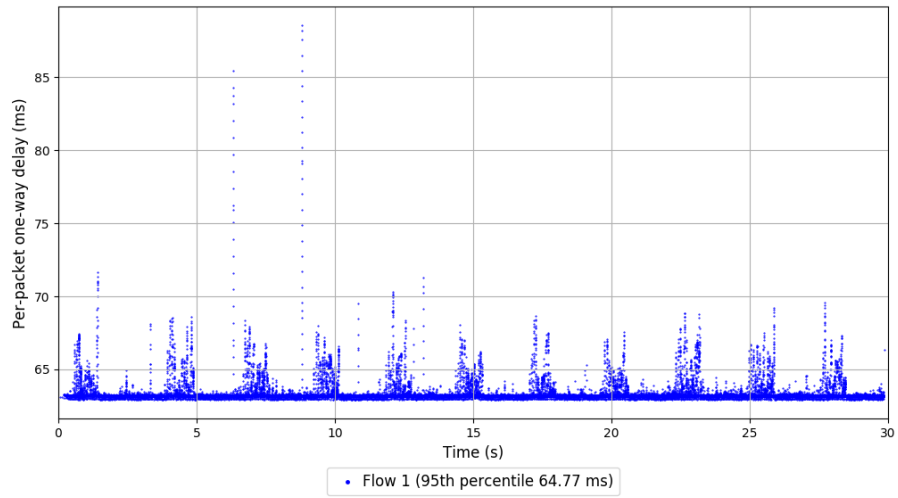
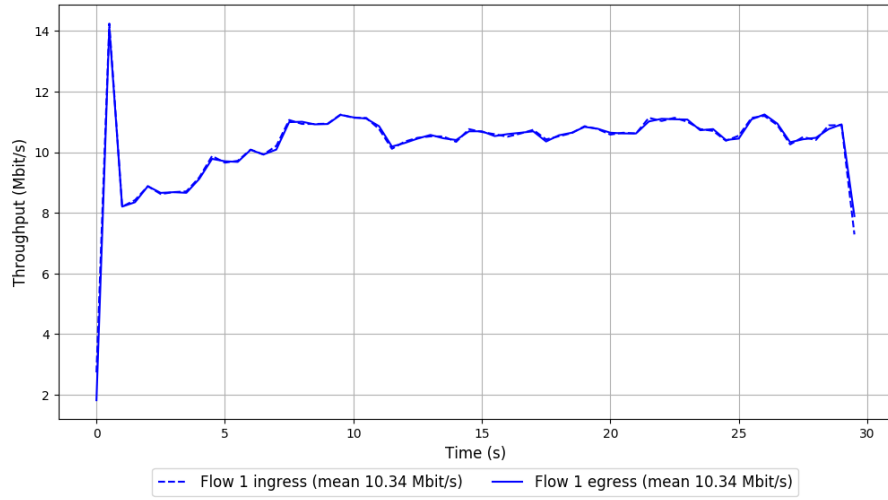


Run 8: Statistics of PCC

Start at: 2017-08-29 10:00:47
End at: 2017-08-29 10:01:17
Local clock offset: 0.375 ms
Remote clock offset: -46.14 ms

Below is generated by plot.py at 2017-08-29 15:47:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.34 Mbit/s
95th percentile per-packet one-way delay: 64.770 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 10.34 Mbit/s
95th percentile per-packet one-way delay: 64.770 ms
Loss rate: 0.13%

Run 8: Report of PCC — Data Link

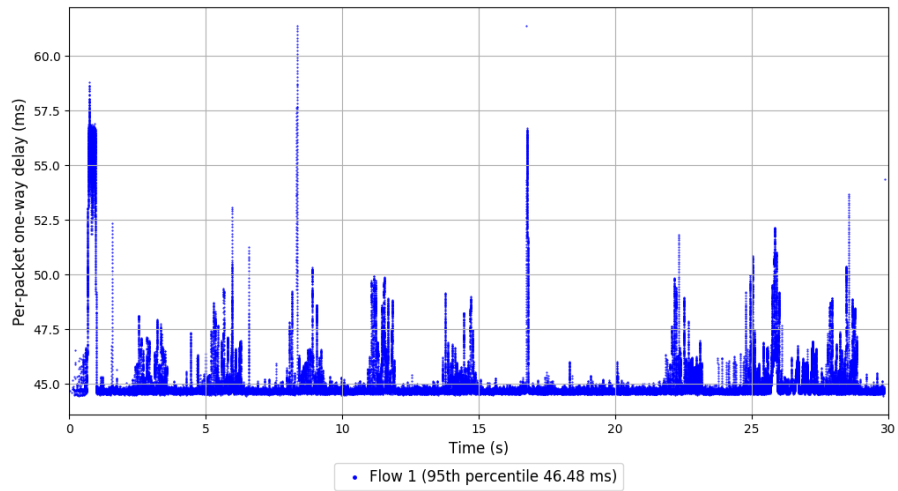
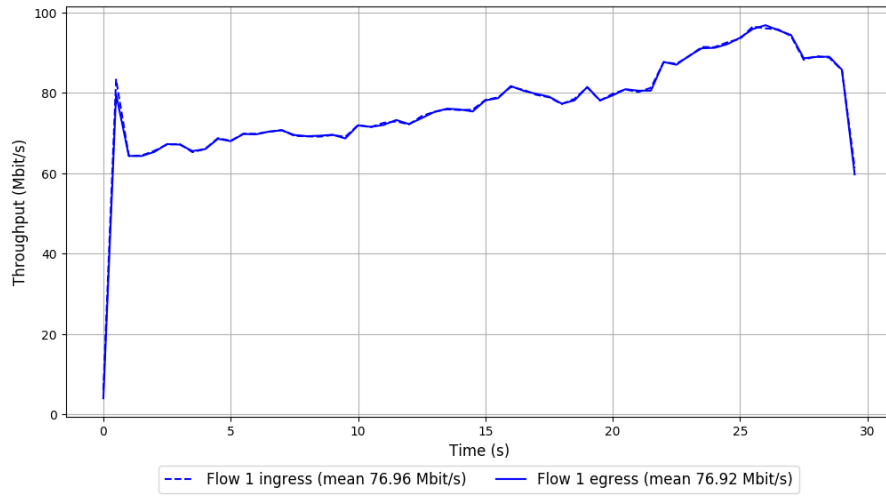


Run 9: Statistics of PCC

Start at: 2017-08-29 10:23:24
End at: 2017-08-29 10:23:54
Local clock offset: -3.675 ms
Remote clock offset: -34.768 ms

Below is generated by plot.py at 2017-08-29 15:47:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.92 Mbit/s
95th percentile per-packet one-way delay: 46.482 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 76.92 Mbit/s
95th percentile per-packet one-way delay: 46.482 ms
Loss rate: 0.20%

Run 9: Report of PCC — Data Link

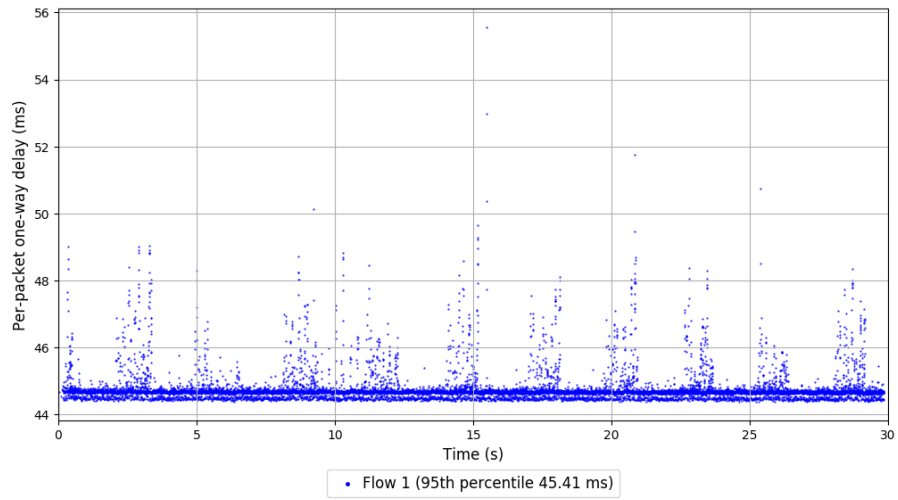
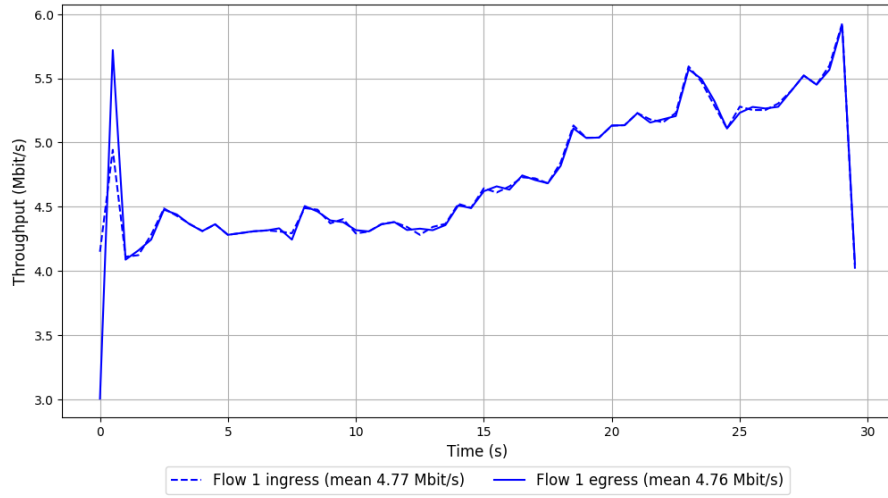


Run 10: Statistics of PCC

Start at: 2017-08-29 10:45:09
End at: 2017-08-29 10:45:39
Local clock offset: -0.761 ms
Remote clock offset: -33.085 ms

Below is generated by plot.py at 2017-08-29 15:47:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.76 Mbit/s
95th percentile per-packet one-way delay: 45.410 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 4.76 Mbit/s
95th percentile per-packet one-way delay: 45.410 ms
Loss rate: 0.17%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-08-29 07:38:10
End at: 2017-08-29 07:38:40
Local clock offset: 1.414 ms
Remote clock offset: -33.809 ms

Below is generated by plot.py at 2017-08-29 15:48:00

Datalink statistics

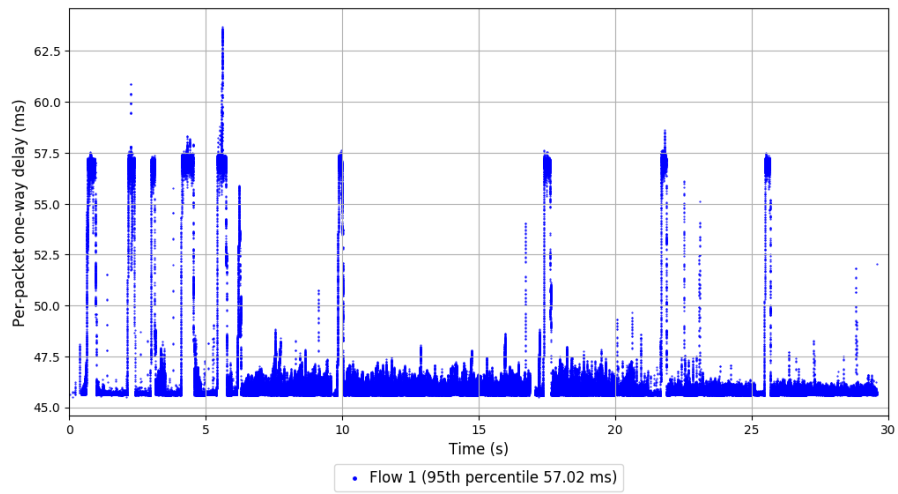
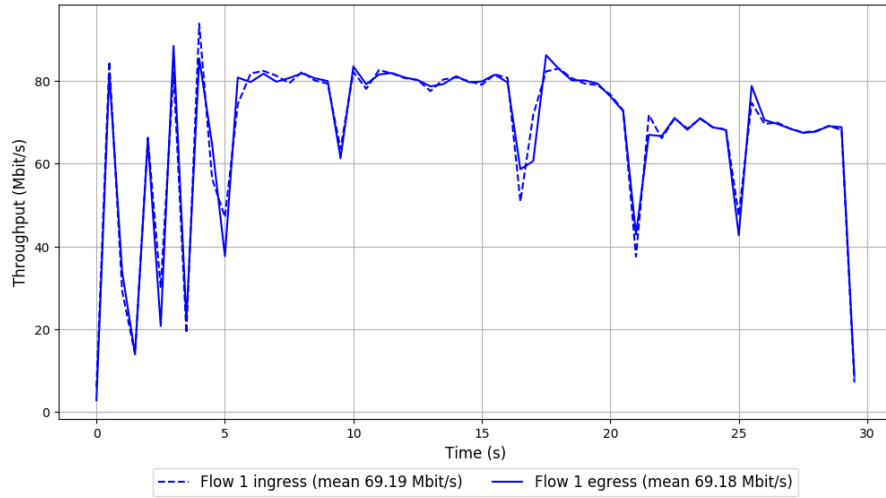
-- Total of 1 flow:

Average throughput: 69.18 Mbit/s
95th percentile per-packet one-way delay: 57.023 ms
Loss rate: 0.11%

-- Flow 1:

Average throughput: 69.18 Mbit/s
95th percentile per-packet one-way delay: 57.023 ms
Loss rate: 0.11%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-08-29 07:55:54
End at: 2017-08-29 07:56:24
Local clock offset: -7.697 ms
Remote clock offset: -40.553 ms

Below is generated by plot.py at 2017-08-29 15:48:01

Datalink statistics

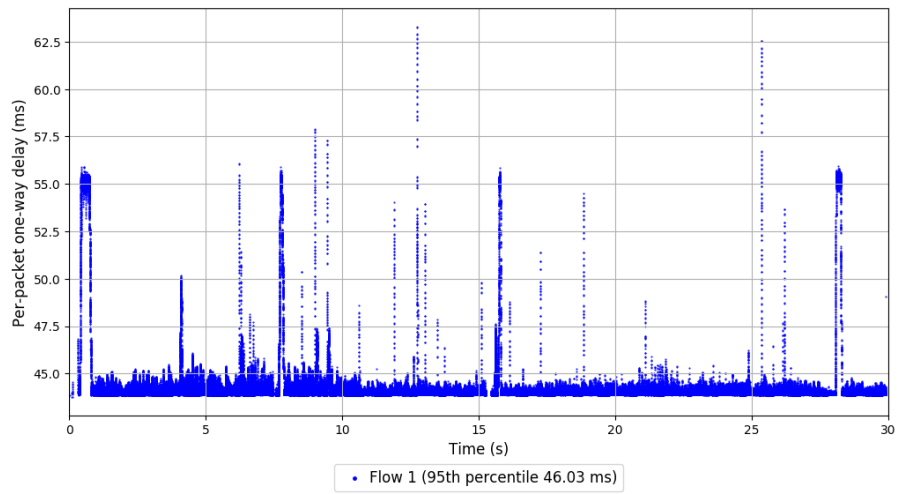
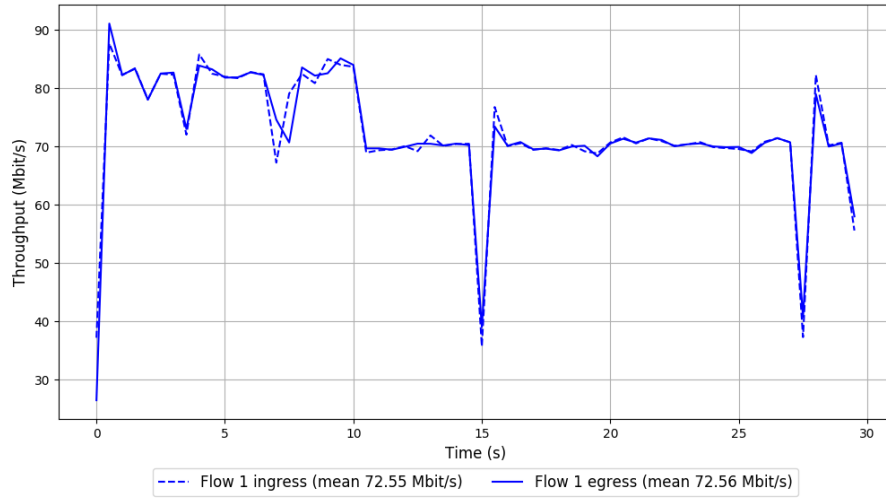
-- Total of 1 flow:

Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 46.031 ms
Loss rate: 0.09%

-- Flow 1:

Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 46.031 ms
Loss rate: 0.09%

Run 2: Report of QUIC Cubic — Data Link

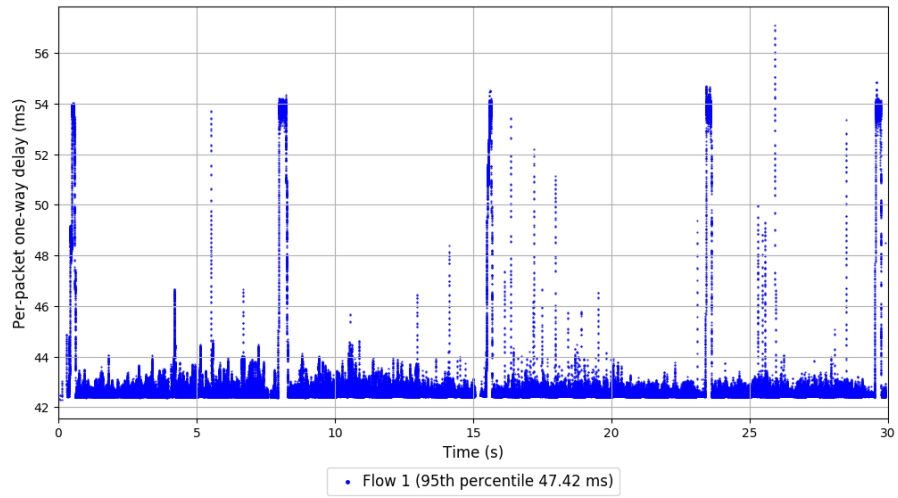
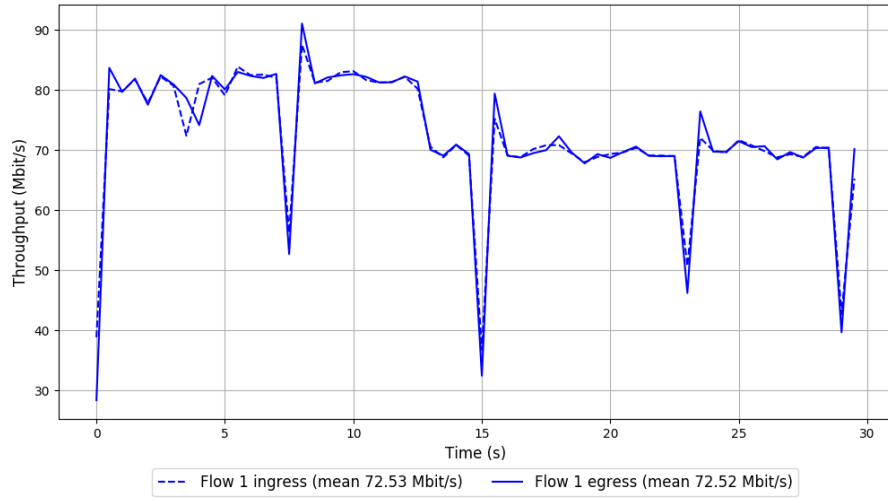


Run 3: Statistics of QUIC Cubic

Start at: 2017-08-29 08:13:35
End at: 2017-08-29 08:14:05
Local clock offset: -0.275 ms
Remote clock offset: -31.516 ms

Below is generated by plot.py at 2017-08-29 15:48:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.52 Mbit/s
95th percentile per-packet one-way delay: 47.422 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 72.52 Mbit/s
95th percentile per-packet one-way delay: 47.422 ms
Loss rate: 0.09%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-08-29 08:32:26
End at: 2017-08-29 08:32:56
Local clock offset: -0.175 ms
Remote clock offset: -30.548 ms

Below is generated by plot.py at 2017-08-29 15:48:11

Datalink statistics

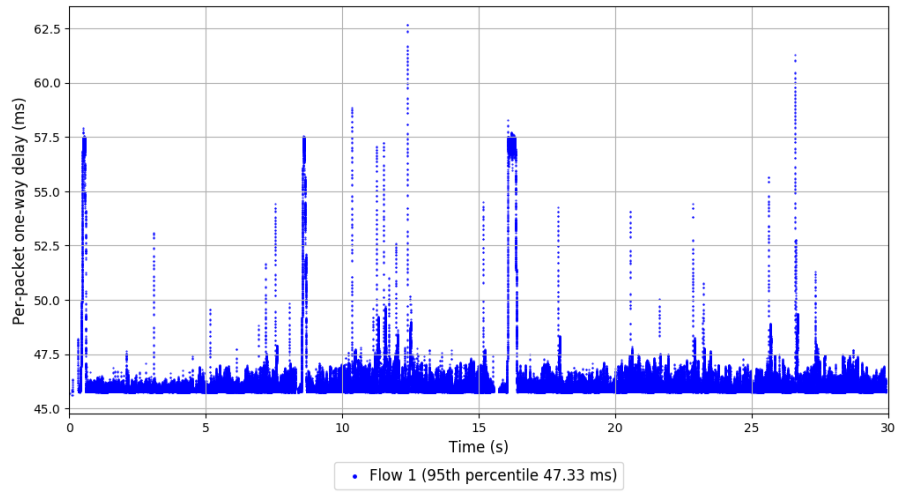
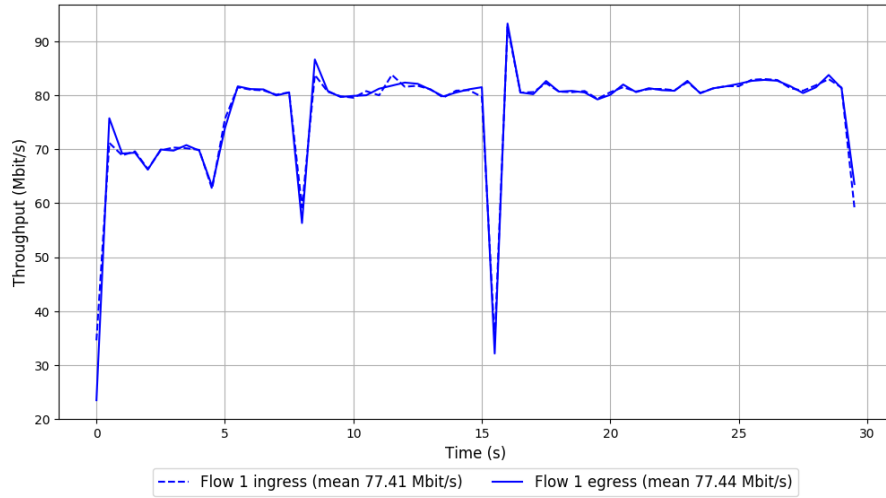
-- Total of 1 flow:

Average throughput: 77.44 Mbit/s
95th percentile per-packet one-way delay: 47.331 ms
Loss rate: 0.07%

-- Flow 1:

Average throughput: 77.44 Mbit/s
95th percentile per-packet one-way delay: 47.331 ms
Loss rate: 0.07%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-08-29 08:51:48
End at: 2017-08-29 08:52:18
Local clock offset: -1.675 ms
Remote clock offset: -45.038 ms

Below is generated by plot.py at 2017-08-29 15:48:18

Datalink statistics

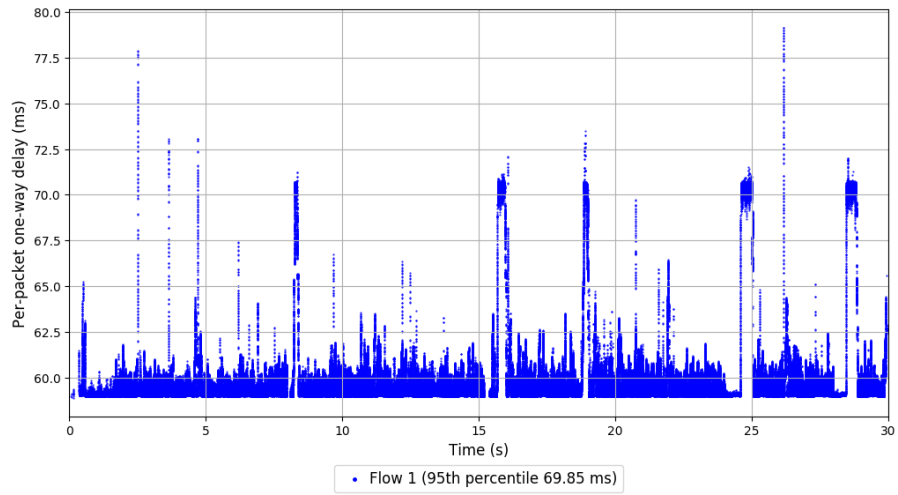
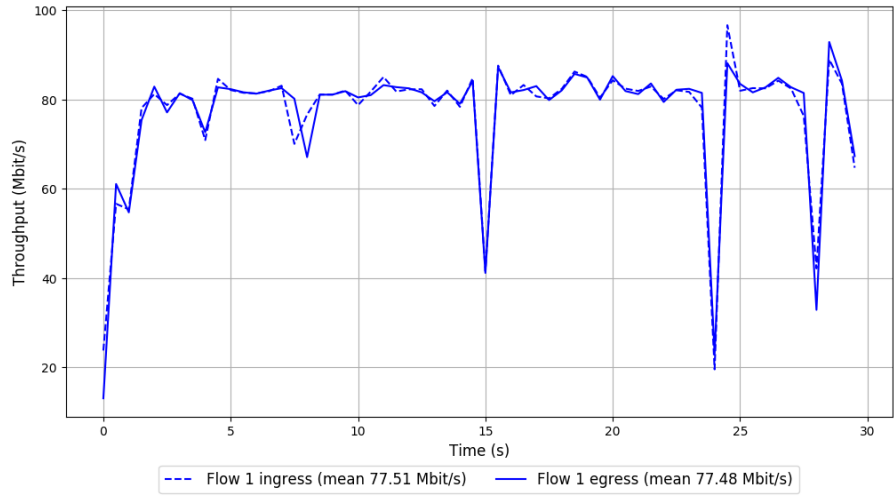
-- Total of 1 flow:

Average throughput: 77.48 Mbit/s
95th percentile per-packet one-way delay: 69.850 ms
Loss rate: 0.14%

-- Flow 1:

Average throughput: 77.48 Mbit/s
95th percentile per-packet one-way delay: 69.850 ms
Loss rate: 0.14%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-08-29 09:12:16
End at: 2017-08-29 09:12:46
Local clock offset: 0.735 ms
Remote clock offset: -46.176 ms

Below is generated by plot.py at 2017-08-29 15:48:23

Datalink statistics

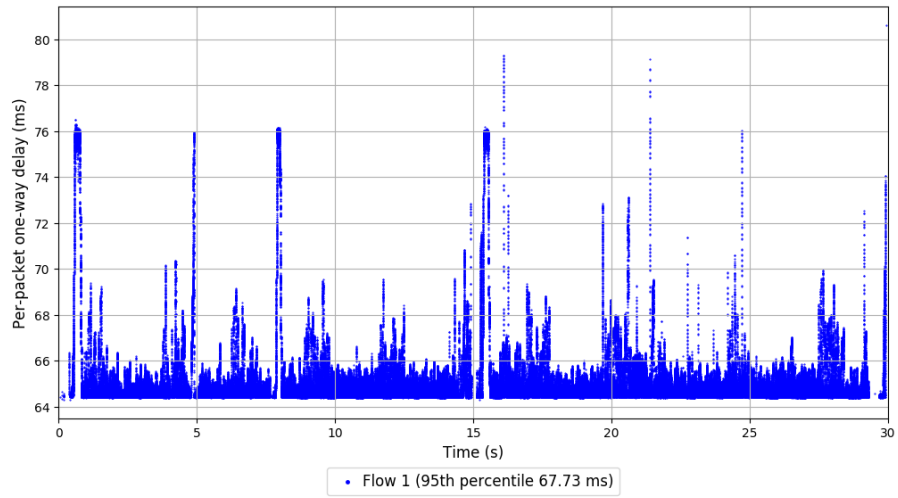
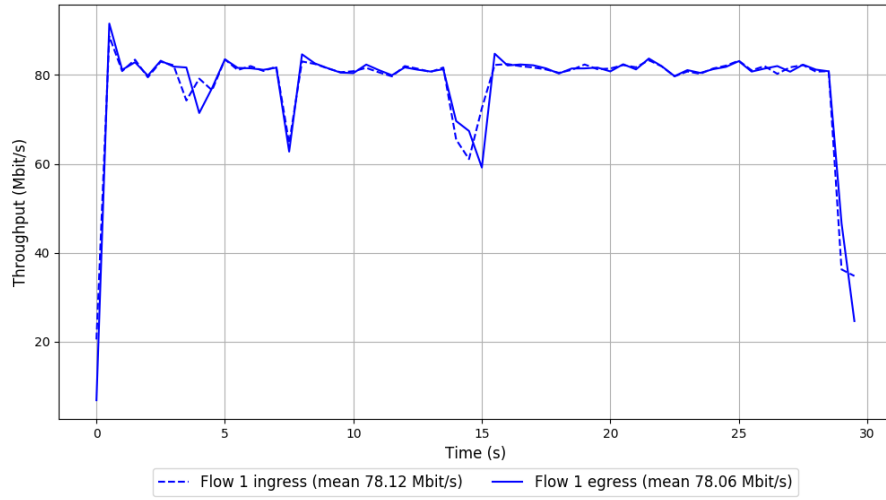
-- Total of 1 flow:

Average throughput: 78.06 Mbit/s
95th percentile per-packet one-way delay: 67.726 ms
Loss rate: 0.22%

-- Flow 1:

Average throughput: 78.06 Mbit/s
95th percentile per-packet one-way delay: 67.726 ms
Loss rate: 0.22%

Run 6: Report of QUIC Cubic — Data Link

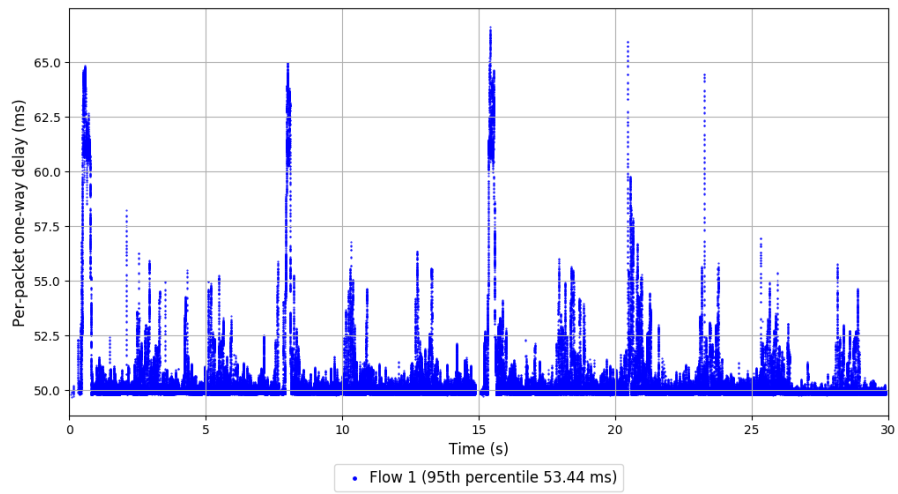
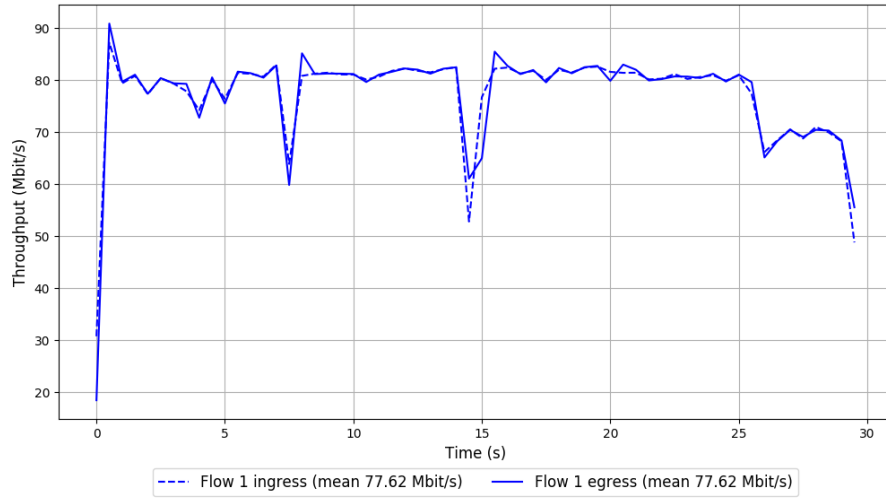


Run 7: Statistics of QUIC Cubic

Start at: 2017-08-29 09:33:57
End at: 2017-08-29 09:34:27
Local clock offset: 0.142 ms
Remote clock offset: -32.365 ms

Below is generated by plot.py at 2017-08-29 15:48:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.62 Mbit/s
95th percentile per-packet one-way delay: 53.438 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.62 Mbit/s
95th percentile per-packet one-way delay: 53.438 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

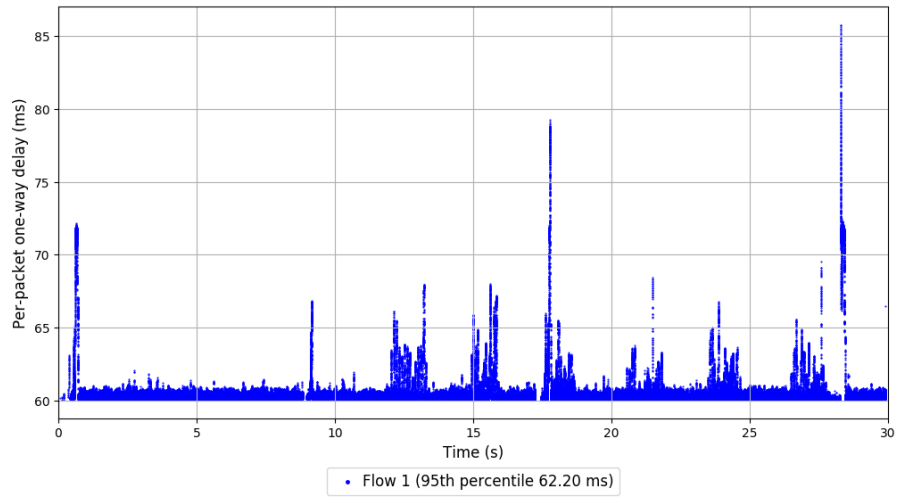
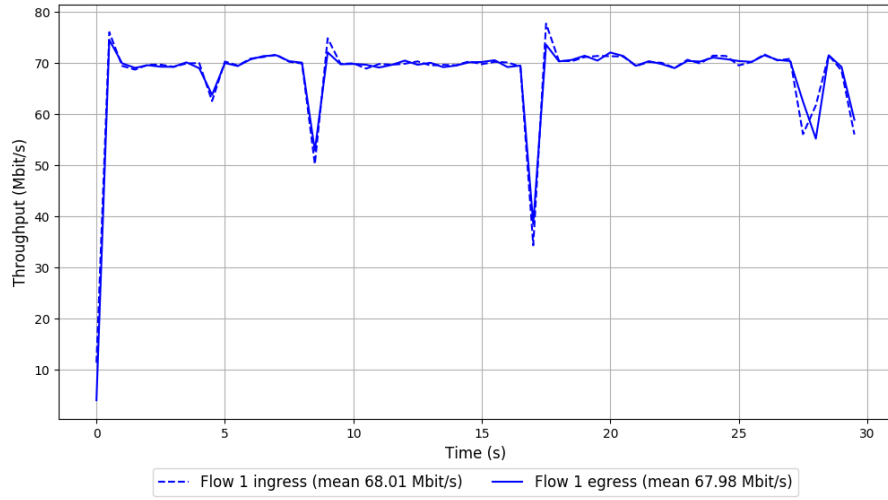


Run 8: Statistics of QUIC Cubic

Start at: 2017-08-29 09:56:21
End at: 2017-08-29 09:56:51
Local clock offset: -2.178 ms
Remote clock offset: -45.62 ms

Below is generated by plot.py at 2017-08-29 15:48:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.98 Mbit/s
95th percentile per-packet one-way delay: 62.201 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 67.98 Mbit/s
95th percentile per-packet one-way delay: 62.201 ms
Loss rate: 0.13%

Run 8: Report of QUIC Cubic — Data Link

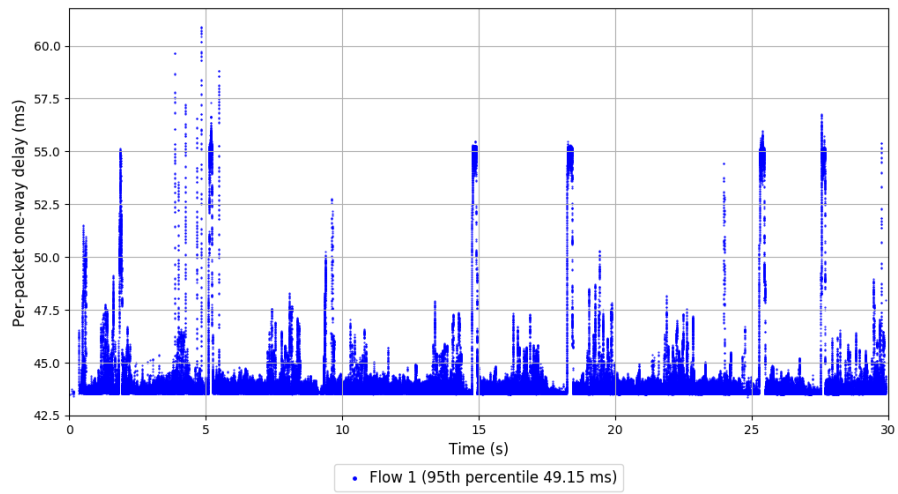
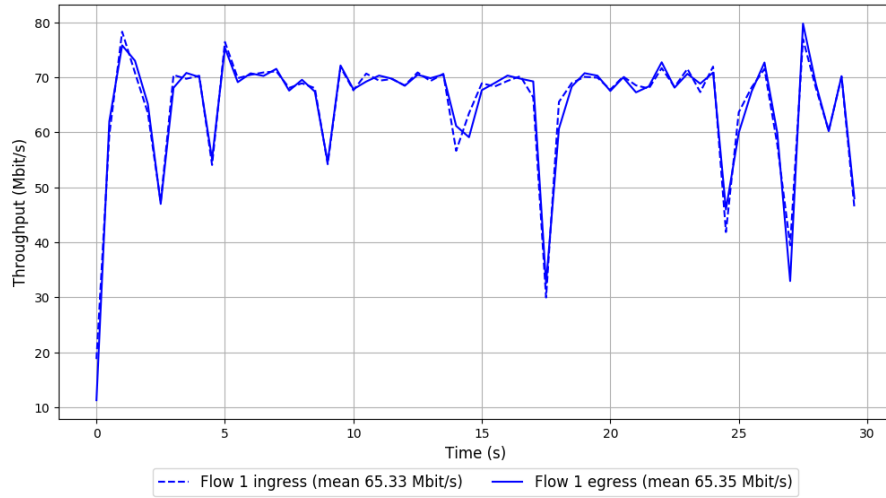


Run 9: Statistics of QUIC Cubic

Start at: 2017-08-29 10:18:21
End at: 2017-08-29 10:18:51
Local clock offset: -3.123 ms
Remote clock offset: -32.814 ms

Below is generated by plot.py at 2017-08-29 15:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.35 Mbit/s
95th percentile per-packet one-way delay: 49.149 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 65.35 Mbit/s
95th percentile per-packet one-way delay: 49.149 ms
Loss rate: 0.11%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-08-29 10:40:44

End at: 2017-08-29 10:41:14

Local clock offset: -3.158 ms

Remote clock offset: -33.04 ms

Below is generated by plot.py at 2017-08-29 15:48:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.20 Mbit/s

95th percentile per-packet one-way delay: 47.000 ms

Loss rate: 0.23%

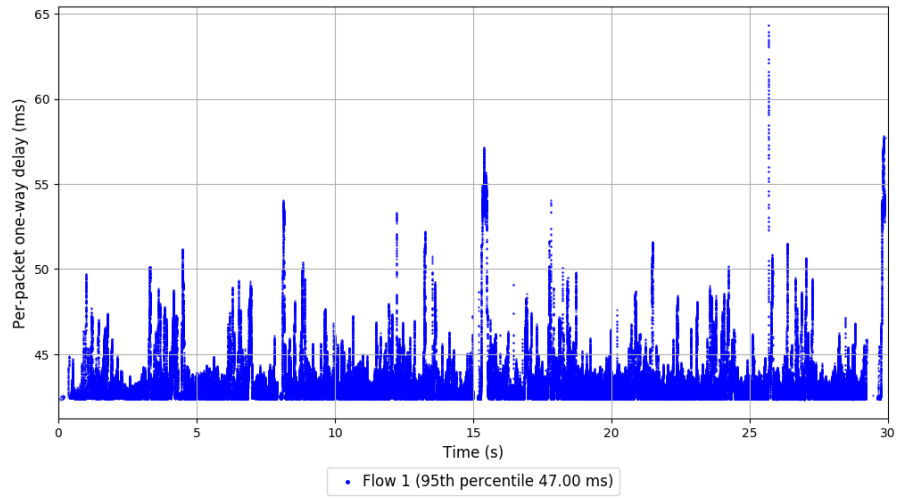
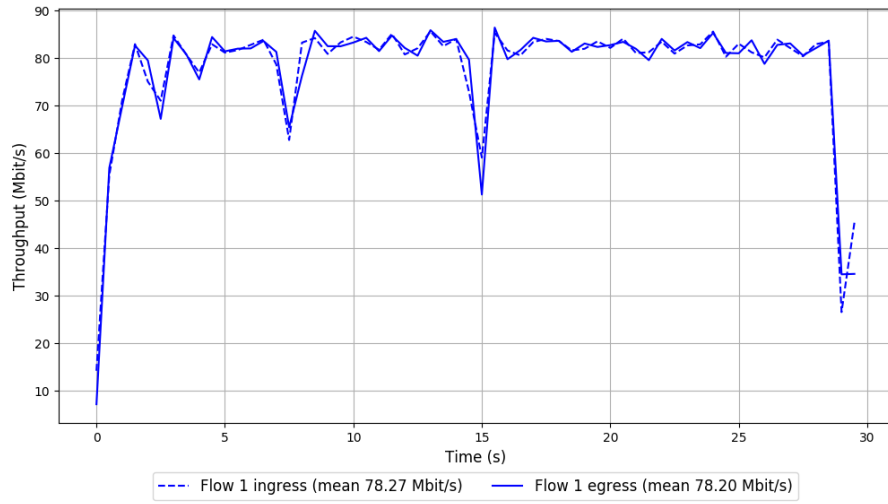
-- Flow 1:

Average throughput: 78.20 Mbit/s

95th percentile per-packet one-way delay: 47.000 ms

Loss rate: 0.23%

Run 10: Report of QUIC Cubic — Data Link

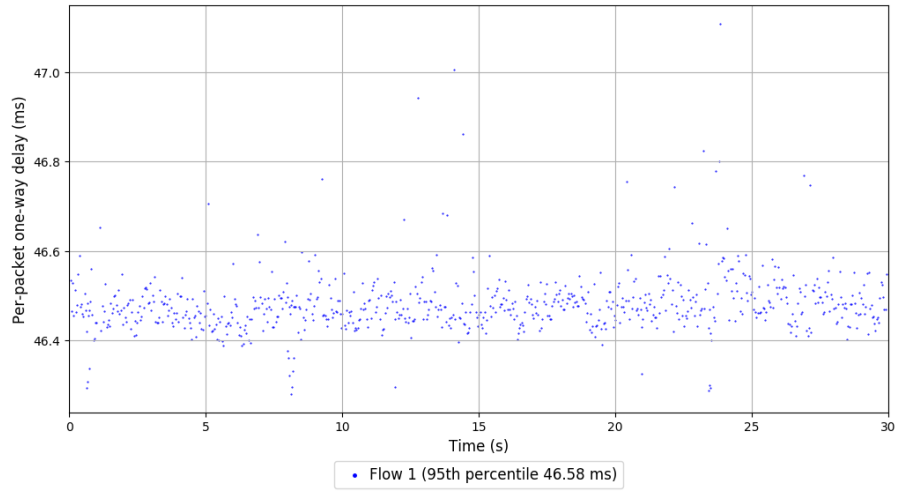
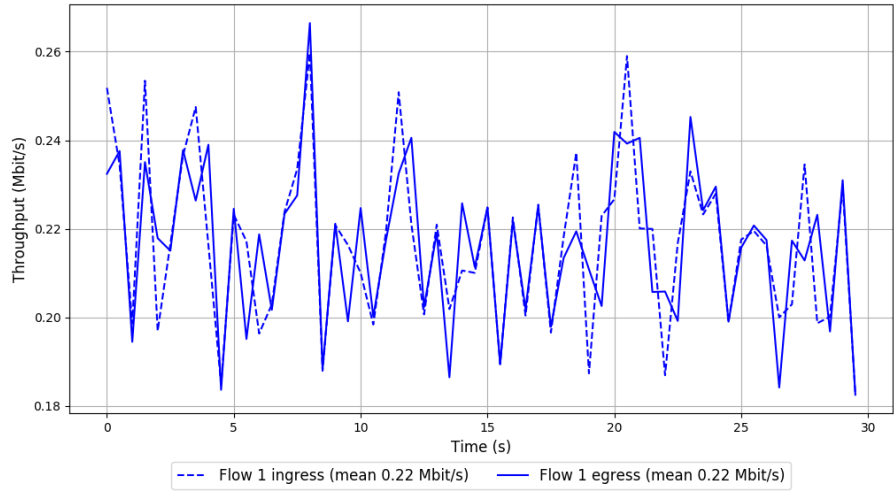


Run 1: Statistics of SCReAM

Start at: 2017-08-29 07:45:15
End at: 2017-08-29 07:45:45
Local clock offset: 1.807 ms
Remote clock offset: -34.217 ms

Below is generated by plot.py at 2017-08-29 15:48:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 46.579 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 46.579 ms
Loss rate: 0.13%

Run 1: Report of SCReAM — Data Link

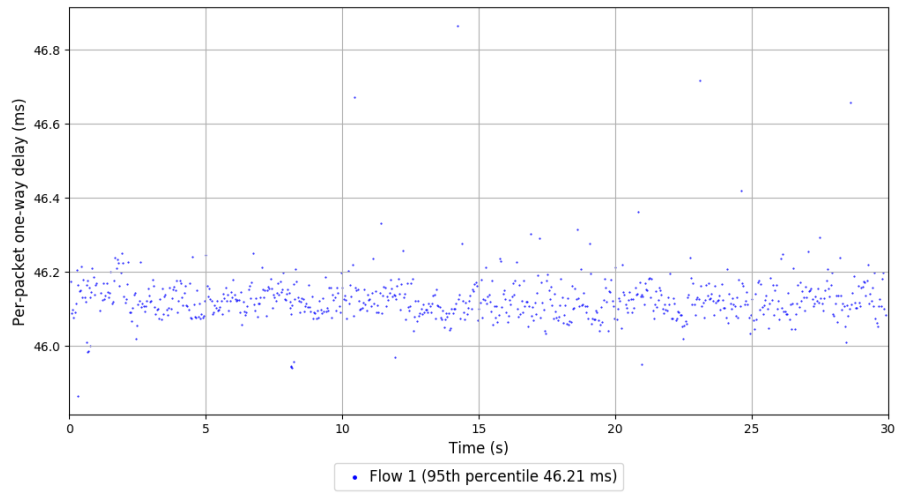
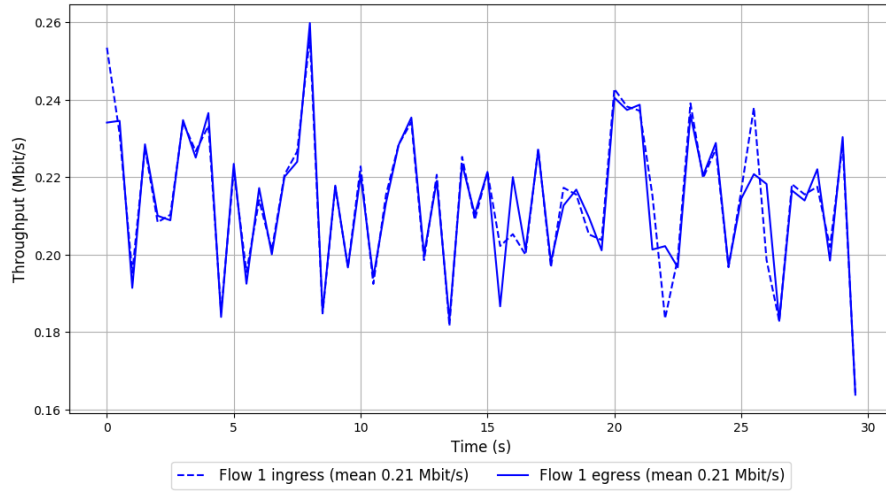


Run 2: Statistics of SCReAM

Start at: 2017-08-29 08:03:06
End at: 2017-08-29 08:03:36
Local clock offset: 0.934 ms
Remote clock offset: -33.968 ms

Below is generated by plot.py at 2017-08-29 15:48:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 46.211 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 46.211 ms
Loss rate: 0.13%

Run 2: Report of SCReAM — Data Link

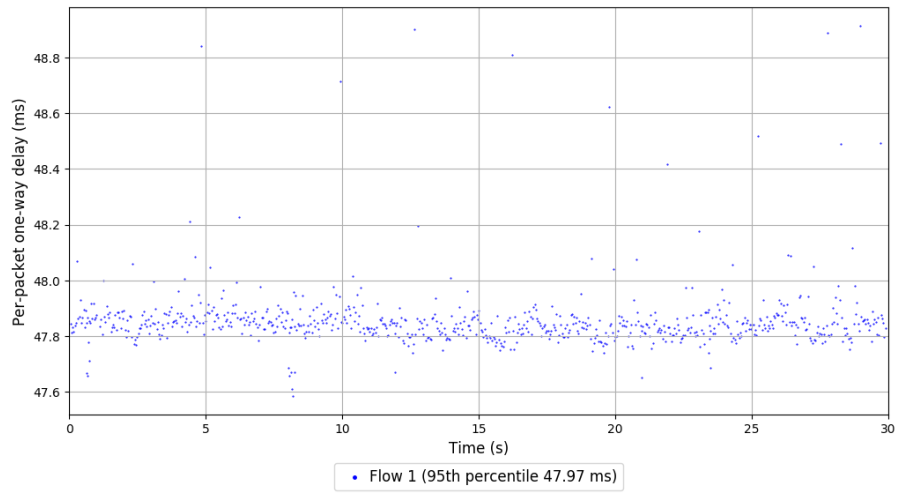
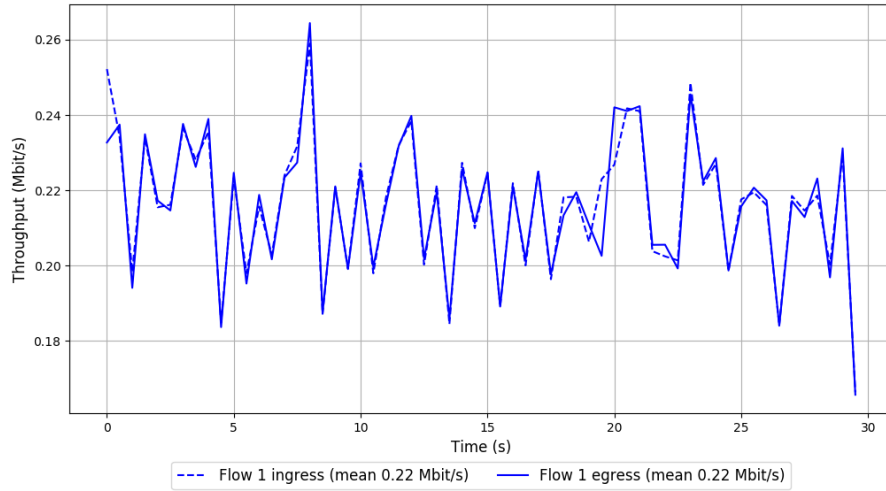


Run 3: Statistics of SCReAM

Start at: 2017-08-29 08:20:56
End at: 2017-08-29 08:21:26
Local clock offset: 2.656 ms
Remote clock offset: -29.746 ms

Below is generated by plot.py at 2017-08-29 15:48:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.973 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.973 ms
Loss rate: 0.13%

Run 3: Report of SCReAM — Data Link



Run 4: Statistics of SCReAM

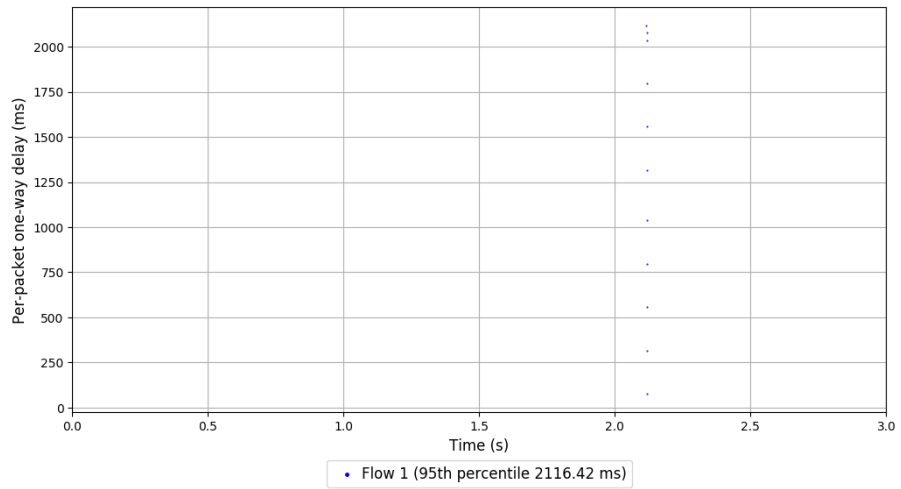
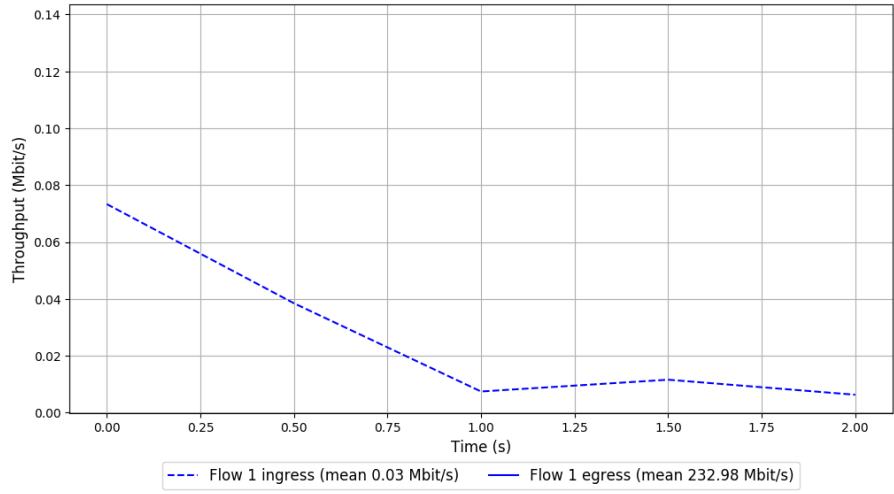
Start at: 2017-08-29 08:40:43

End at: 2017-08-29 08:41:13

Local clock offset: 1.142 ms

Remote clock offset: -31.448 ms

Run 4: Report of SCReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2017-08-29 08:59:02

End at: 2017-08-29 08:59:32

Local clock offset: -0.12 ms

Remote clock offset: -46.35 ms

Below is generated by plot.py at 2017-08-29 15:48:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.103 ms

Loss rate: 0.13%

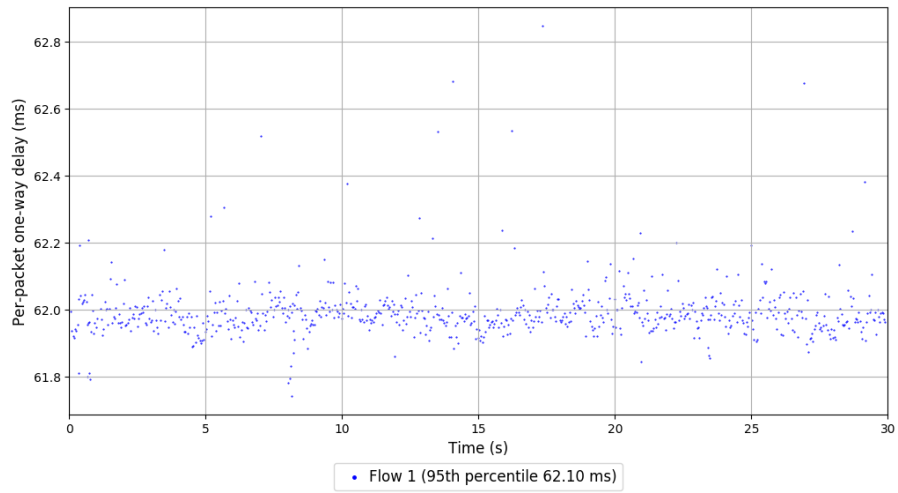
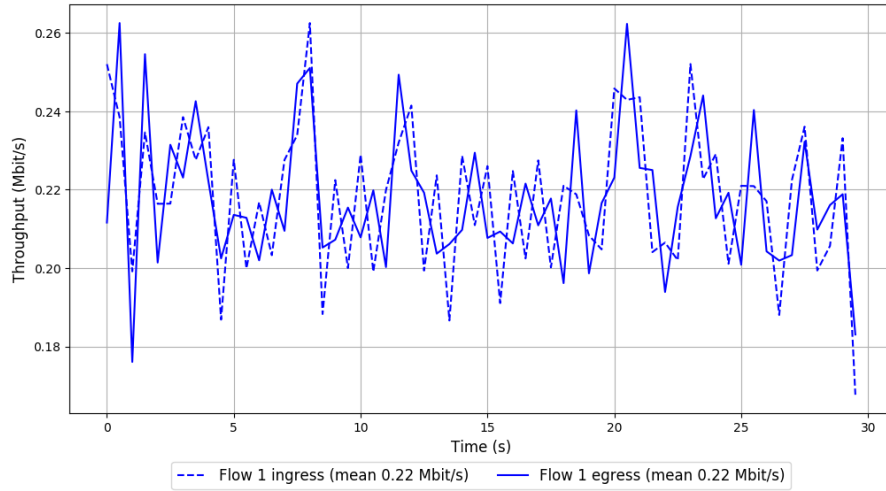
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.103 ms

Loss rate: 0.13%

Run 5: Report of SCReAM — Data Link

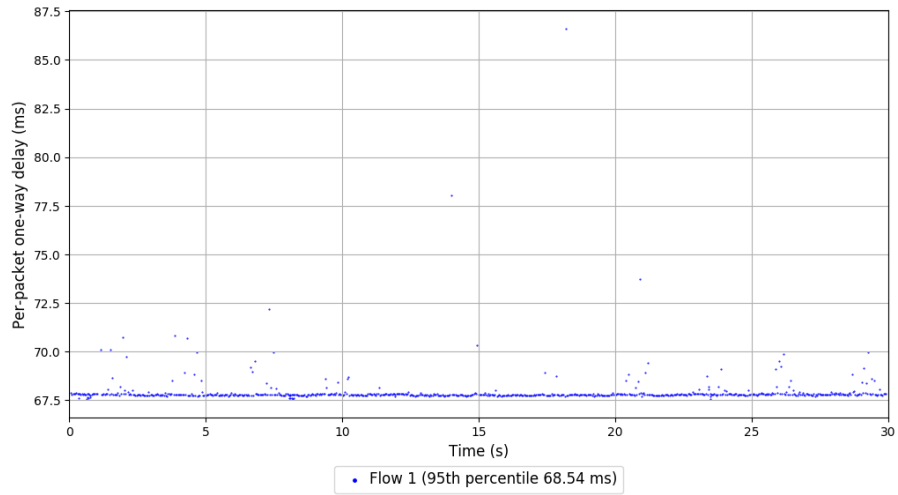
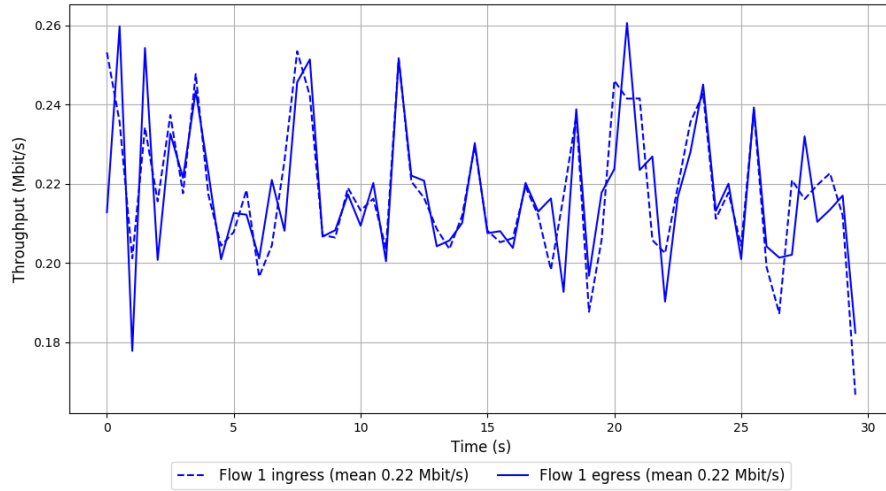


Run 6: Statistics of SCReAM

Start at: 2017-08-29 09:20:35
End at: 2017-08-29 09:21:05
Local clock offset: 0.321 ms
Remote clock offset: -49.825 ms

Below is generated by plot.py at 2017-08-29 15:48:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 68.540 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 68.540 ms
Loss rate: 0.13%

Run 6: Report of SCReAM — Data Link

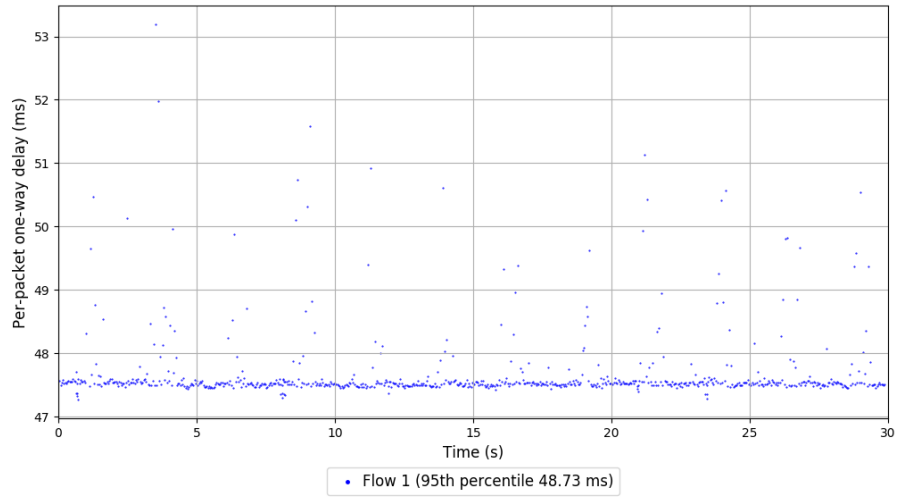
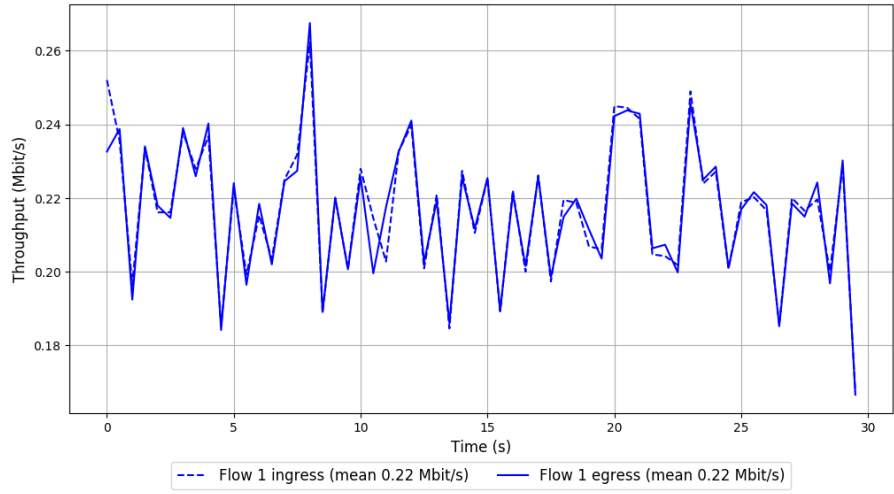


Run 7: Statistics of SCReAM

Start at: 2017-08-29 09:43:51
End at: 2017-08-29 09:44:21
Local clock offset: -1.914 ms
Remote clock offset: -32.317 ms

Below is generated by plot.py at 2017-08-29 15:48:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.731 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.731 ms
Loss rate: 0.13%

Run 7: Report of SCReAM — Data Link



Run 8: Statistics of SCReAM

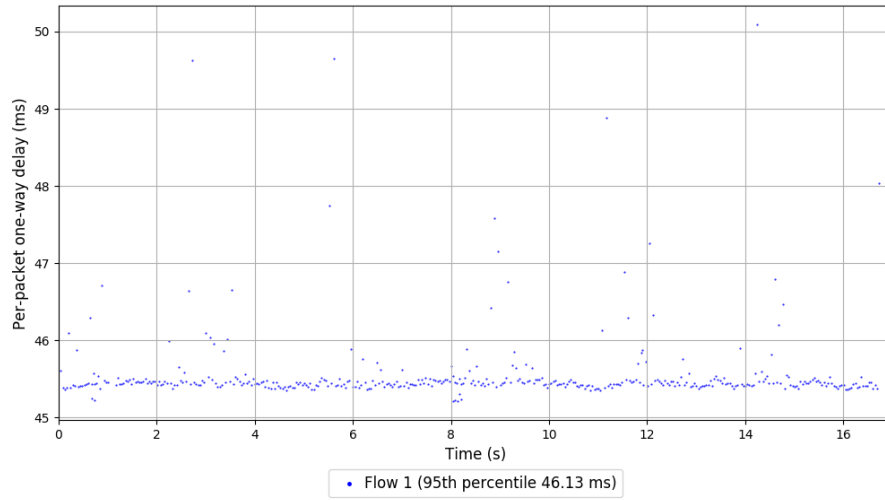
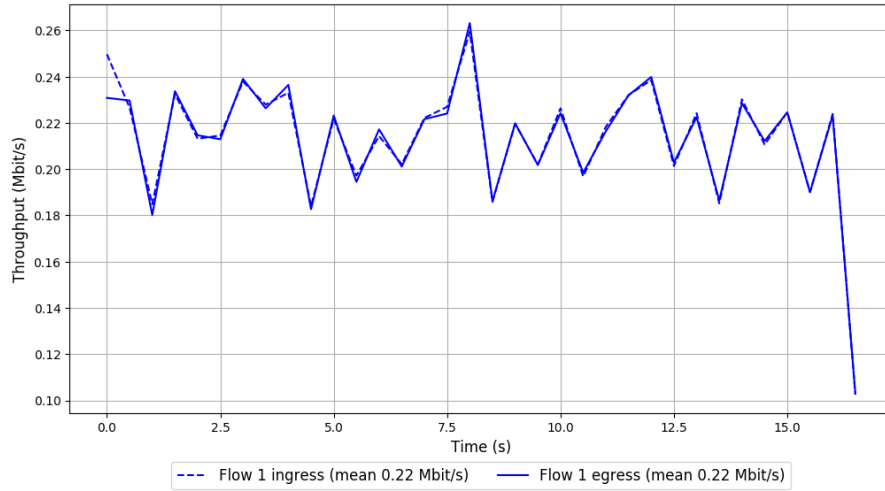
Start at: 2017-08-29 10:05:20

End at: 2017-08-29 10:05:50

Local clock offset: -4.559 ms

Remote clock offset: -33.406 ms

Run 8: Report of SCReAM — Data Link

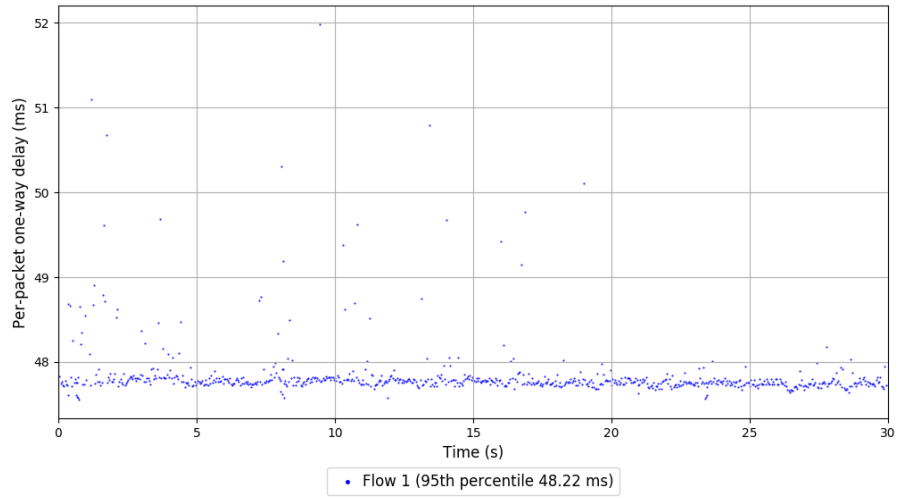
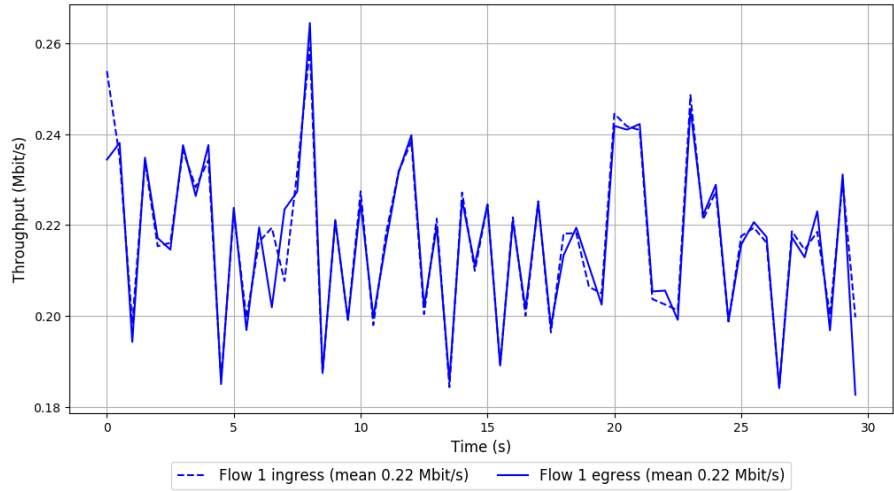


Run 9: Statistics of SCReAM

Start at: 2017-08-29 10:27:58
End at: 2017-08-29 10:28:28
Local clock offset: -0.43 ms
Remote clock offset: -34.818 ms

Below is generated by plot.py at 2017-08-29 15:48:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.217 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.217 ms
Loss rate: 0.26%

Run 9: Report of SCReAM — Data Link



Run 10: Statistics of SCReAM

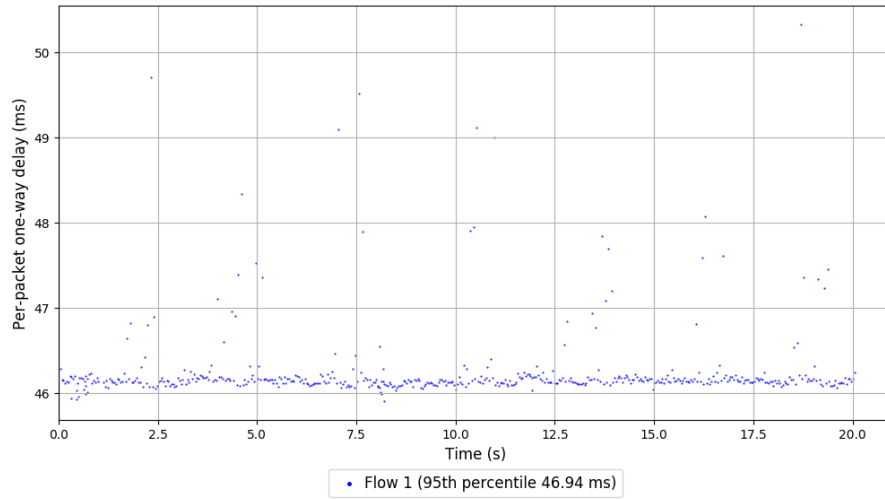
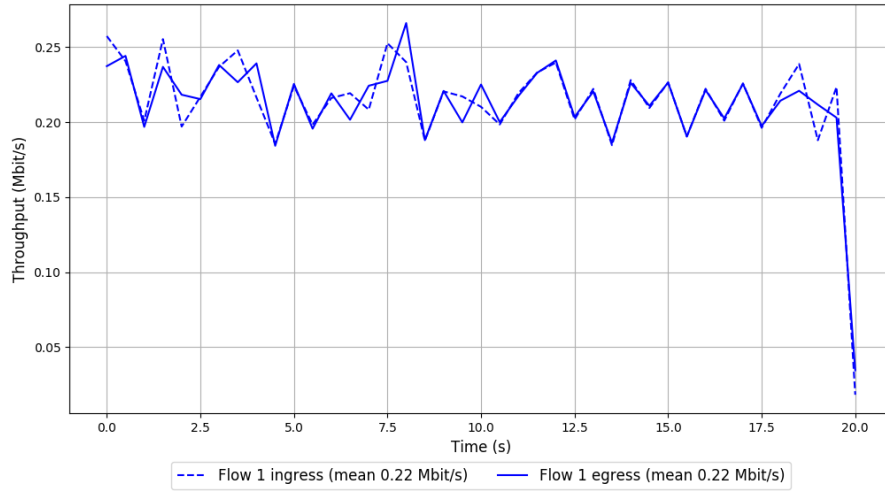
Start at: 2017-08-29 10:49:48

End at: 2017-08-29 10:50:18

Local clock offset: 0.99 ms

Remote clock offset: -32.991 ms

Run 10: Report of SCReAM — Data Link

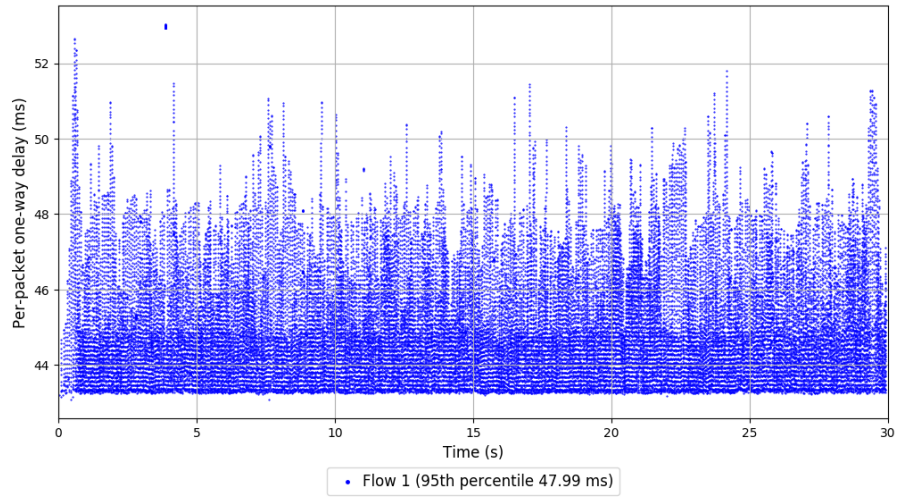
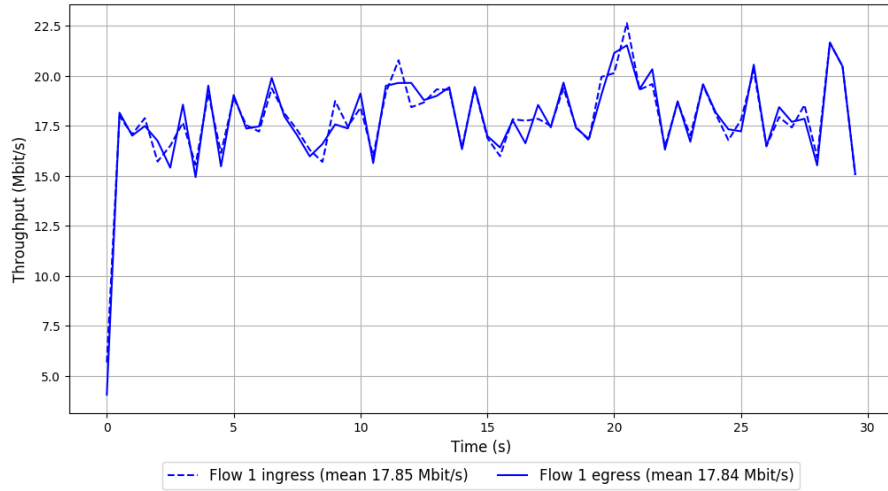


Run 1: Statistics of Sprout

Start at: 2017-08-29 07:47:36
End at: 2017-08-29 07:48:06
Local clock offset: -1.723 ms
Remote clock offset: -34.567 ms

Below is generated by plot.py at 2017-08-29 15:48:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.84 Mbit/s
95th percentile per-packet one-way delay: 47.995 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 17.84 Mbit/s
95th percentile per-packet one-way delay: 47.995 ms
Loss rate: 0.18%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2017-08-29 08:05:28

End at: 2017-08-29 08:05:58

Local clock offset: 2.739 ms

Remote clock offset: -33.452 ms

Run 2: Report of Sprout — Data Link

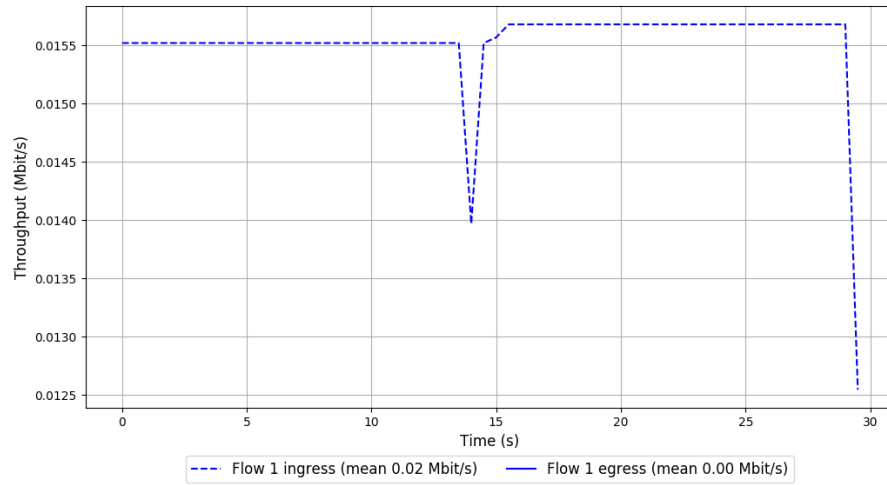


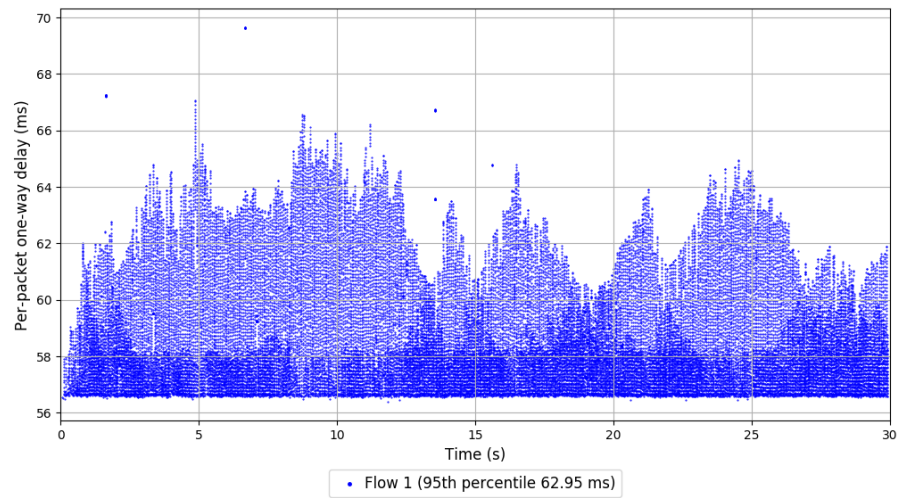
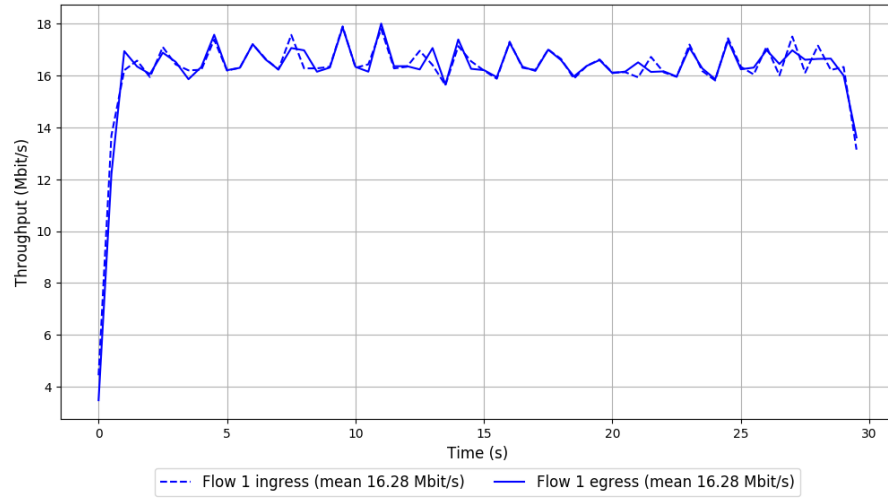
Figure is missing

Run 3: Statistics of Sprout

Start at: 2017-08-29 08:23:42
End at: 2017-08-29 08:24:12
Local clock offset: -1.515 ms
Remote clock offset: -42.711 ms

Below is generated by plot.py at 2017-08-29 15:48:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 62.952 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 62.952 ms
Loss rate: 0.15%

Run 3: Report of Sprout — Data Link

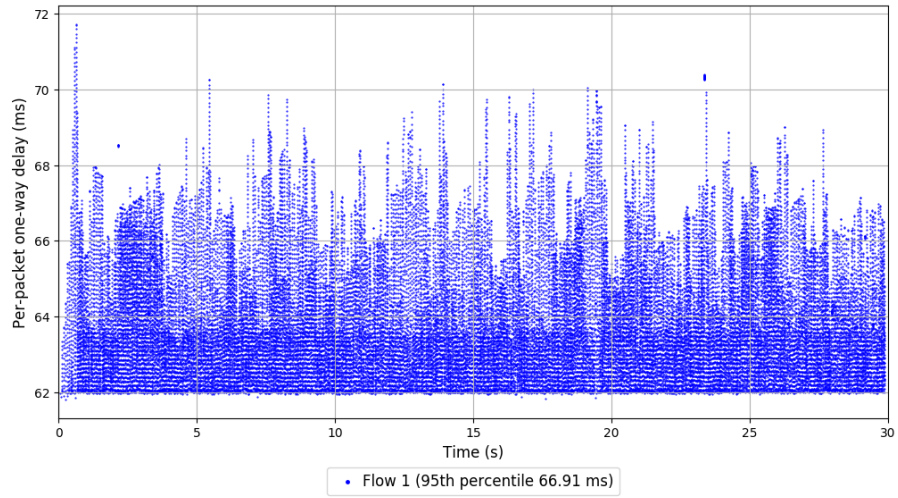
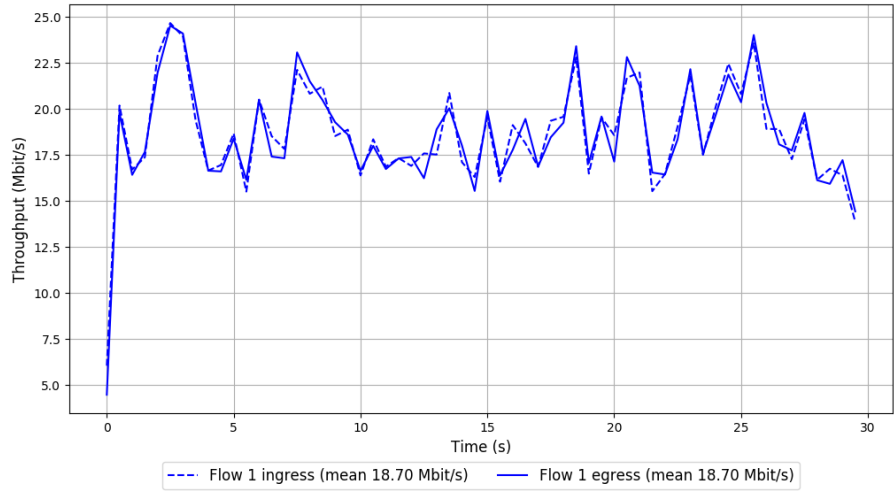


Run 4: Statistics of Sprout

Start at: 2017-08-29 08:43:15
End at: 2017-08-29 08:43:45
Local clock offset: -1.193 ms
Remote clock offset: -47.635 ms

```
# Below is generated by plot.py at 2017-08-29 15:48:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.70 Mbit/s
95th percentile per-packet one-way delay: 66.910 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 18.70 Mbit/s
95th percentile per-packet one-way delay: 66.910 ms
Loss rate: 0.12%
```

Run 4: Report of Sprout — Data Link

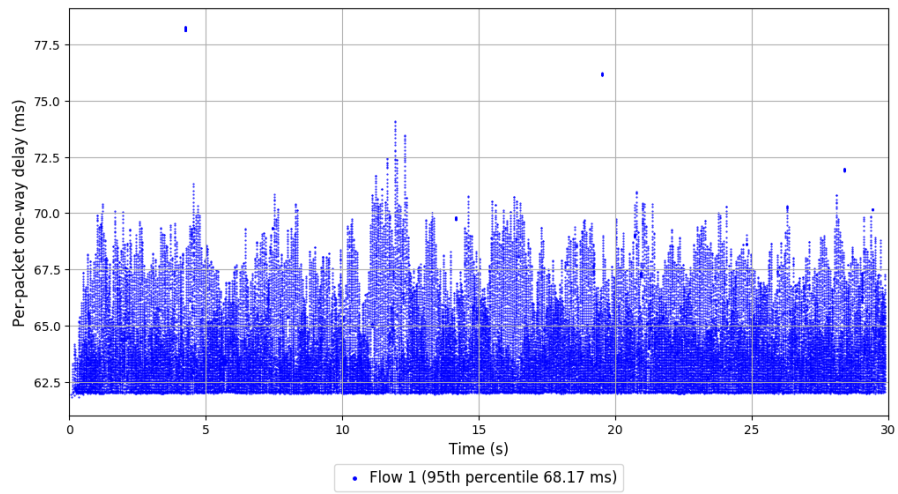
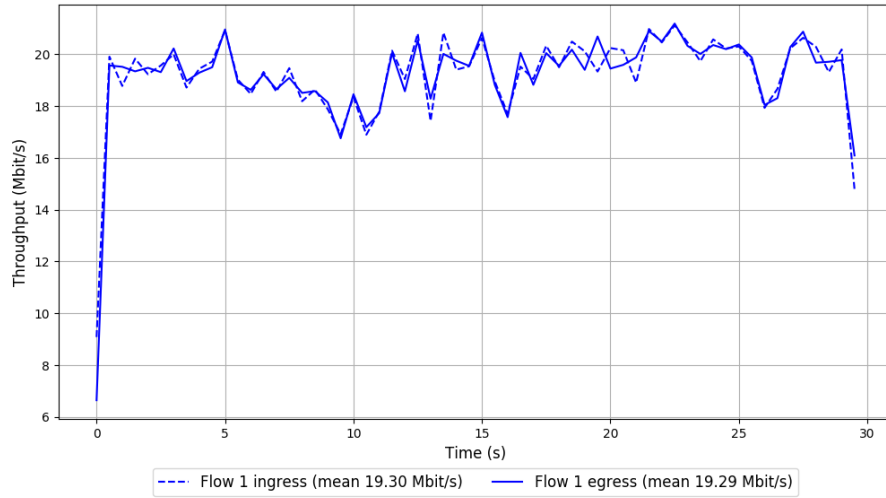


Run 5: Statistics of Sprout

Start at: 2017-08-29 09:01:55
End at: 2017-08-29 09:02:25
Local clock offset: 1.484 ms
Remote clock offset: -44.779 ms

```
# Below is generated by plot.py at 2017-08-29 15:48:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.29 Mbit/s
95th percentile per-packet one-way delay: 68.171 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 19.29 Mbit/s
95th percentile per-packet one-way delay: 68.171 ms
Loss rate: 0.14%
```

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-08-29 09:23:28

End at: 2017-08-29 09:23:58

Local clock offset: 0.201 ms

Remote clock offset: -48.2 ms

Below is generated by plot.py at 2017-08-29 15:48:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.47 Mbit/s

95th percentile per-packet one-way delay: 70.484 ms

Loss rate: 0.14%

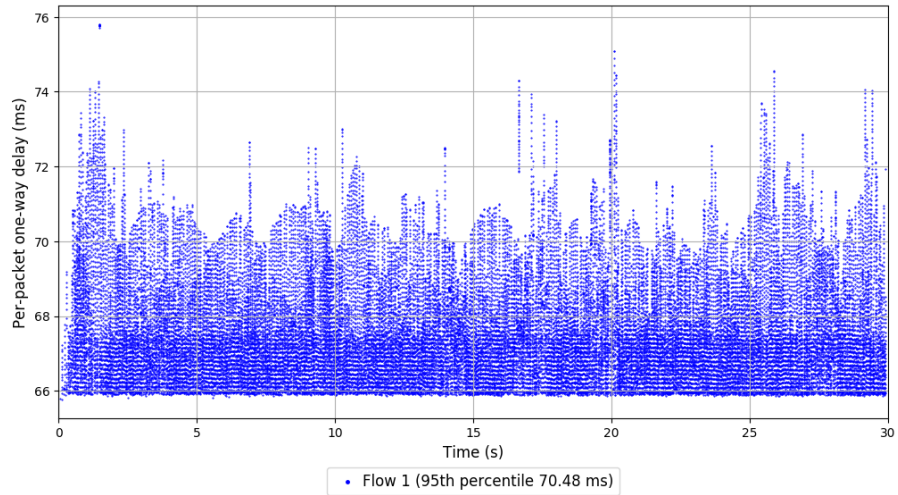
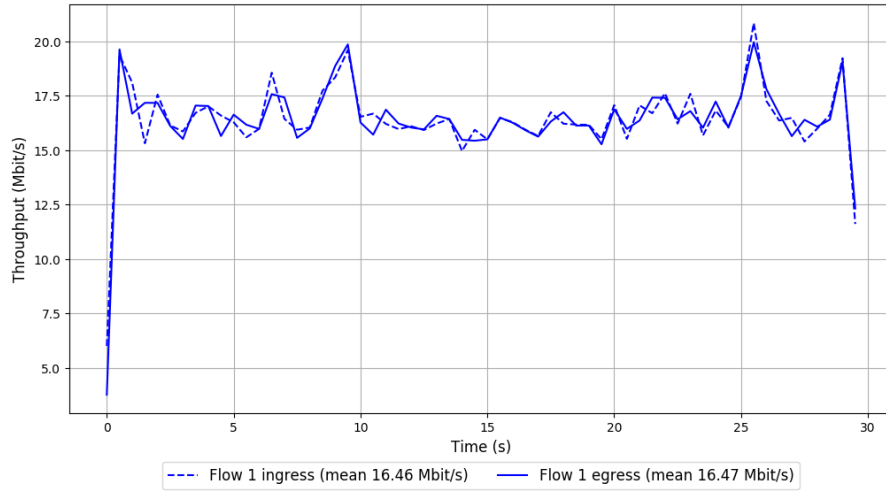
-- Flow 1:

Average throughput: 16.47 Mbit/s

95th percentile per-packet one-way delay: 70.484 ms

Loss rate: 0.14%

Run 6: Report of Sprout — Data Link

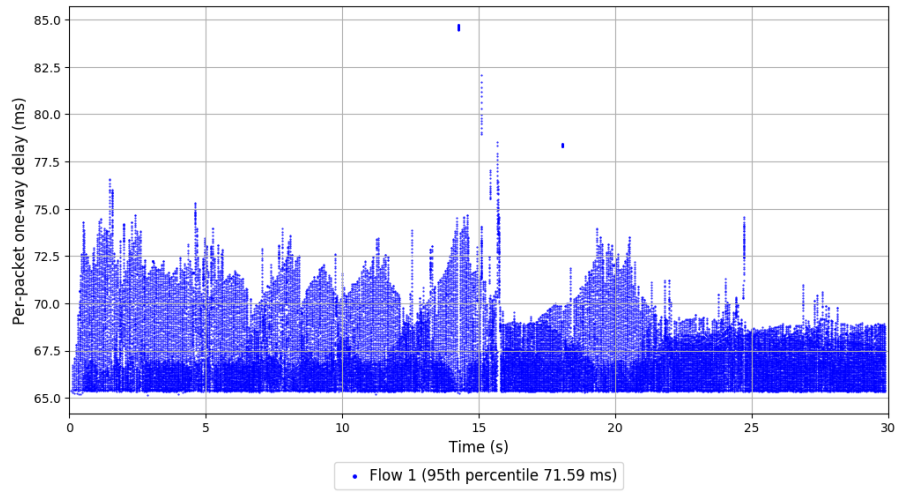
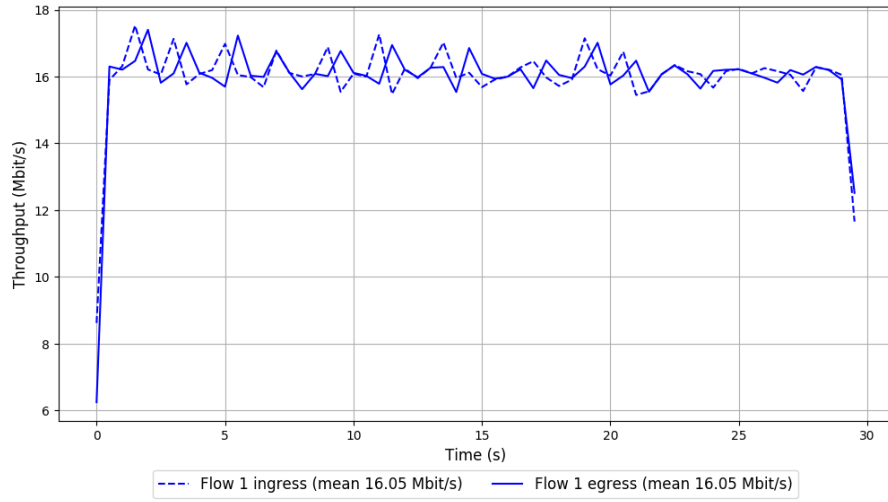


Run 7: Statistics of Sprout

Start at: 2017-08-29 09:46:11
End at: 2017-08-29 09:46:41
Local clock offset: 1.015 ms
Remote clock offset: -47.32 ms

Below is generated by plot.py at 2017-08-29 15:48:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 71.589 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 71.589 ms
Loss rate: 0.13%

Run 7: Report of Sprout — Data Link

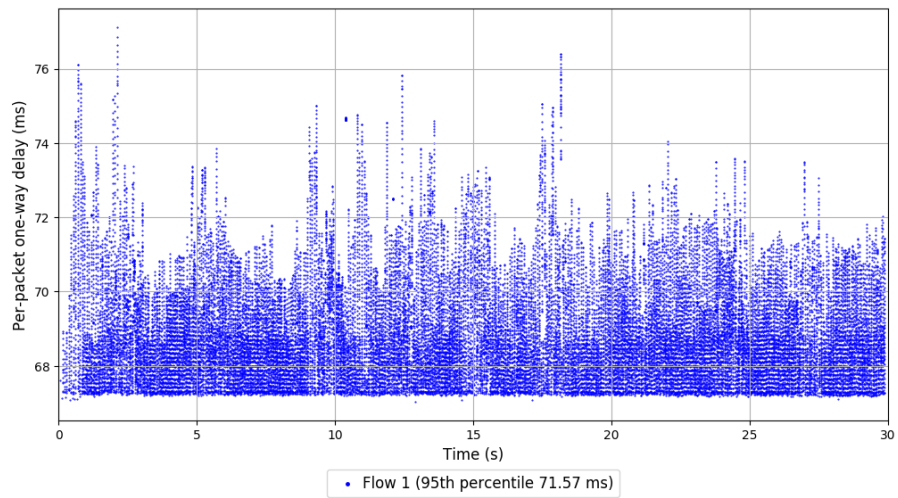
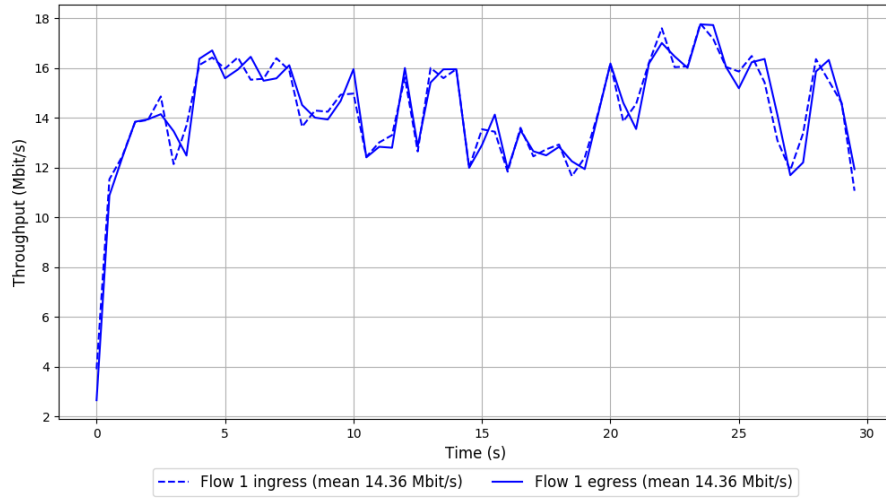


Run 8: Statistics of Sprout

Start at: 2017-08-29 10:07:59
End at: 2017-08-29 10:08:29
Local clock offset: 1.149 ms
Remote clock offset: -49.64 ms

```
# Below is generated by plot.py at 2017-08-29 15:49:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.36 Mbit/s
95th percentile per-packet one-way delay: 71.566 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 14.36 Mbit/s
95th percentile per-packet one-way delay: 71.566 ms
Loss rate: 0.13%
```

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-08-29 10:30:48

End at: 2017-08-29 10:31:18

Local clock offset: 0.524 ms

Remote clock offset: -34.9 ms

Below is generated by plot.py at 2017-08-29 15:49:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.59 Mbit/s

95th percentile per-packet one-way delay: 54.585 ms

Loss rate: 0.11%

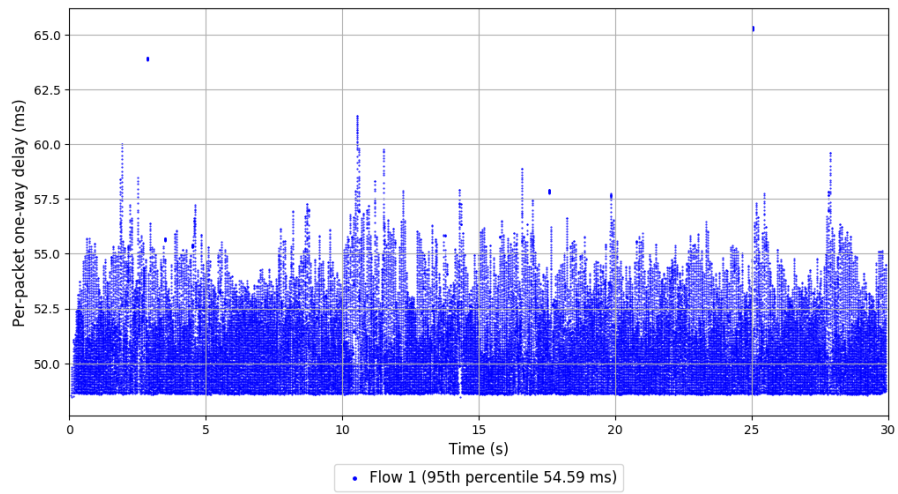
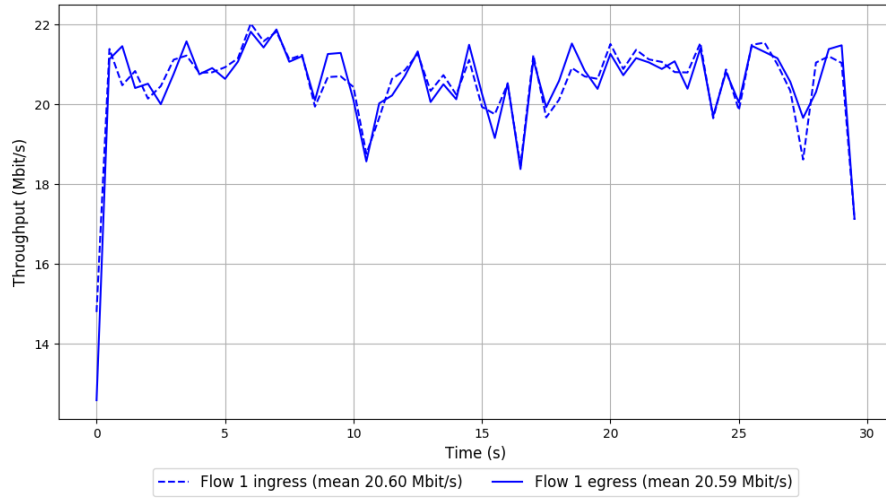
-- Flow 1:

Average throughput: 20.59 Mbit/s

95th percentile per-packet one-way delay: 54.585 ms

Loss rate: 0.11%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-08-29 10:52:24
End at: 2017-08-29 10:52:54
Local clock offset: -1.71 ms
Remote clock offset: -32.146 ms

Below is generated by plot.py at 2017-08-29 15:49:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.32 Mbit/s

95th percentile per-packet one-way delay: 47.491 ms

Loss rate: 0.05%

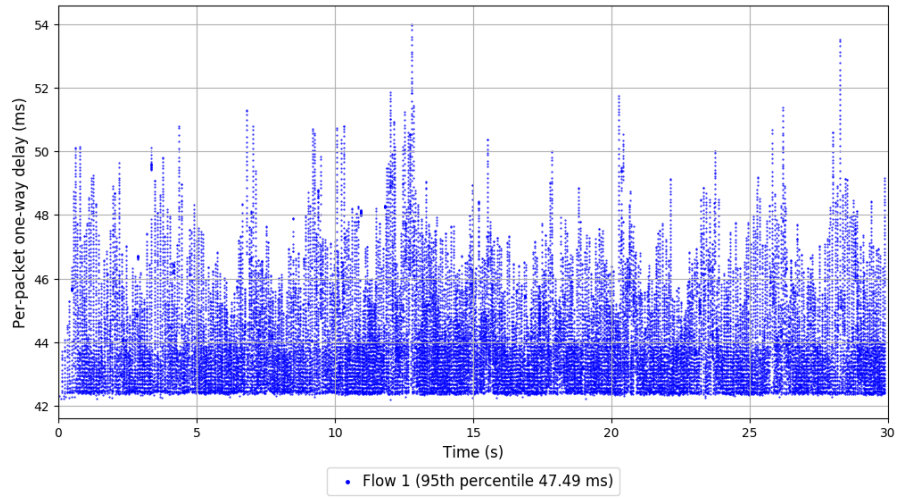
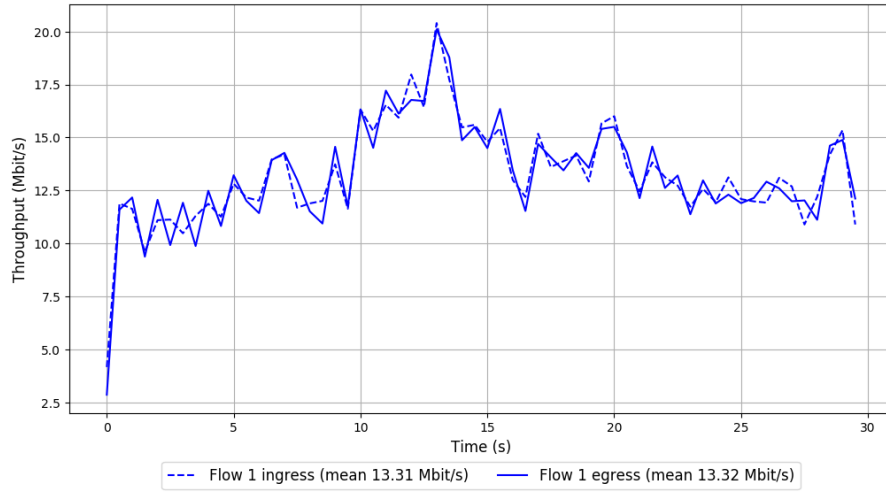
-- Flow 1:

Average throughput: 13.32 Mbit/s

95th percentile per-packet one-way delay: 47.491 ms

Loss rate: 0.05%

Run 10: Report of Sprout — Data Link

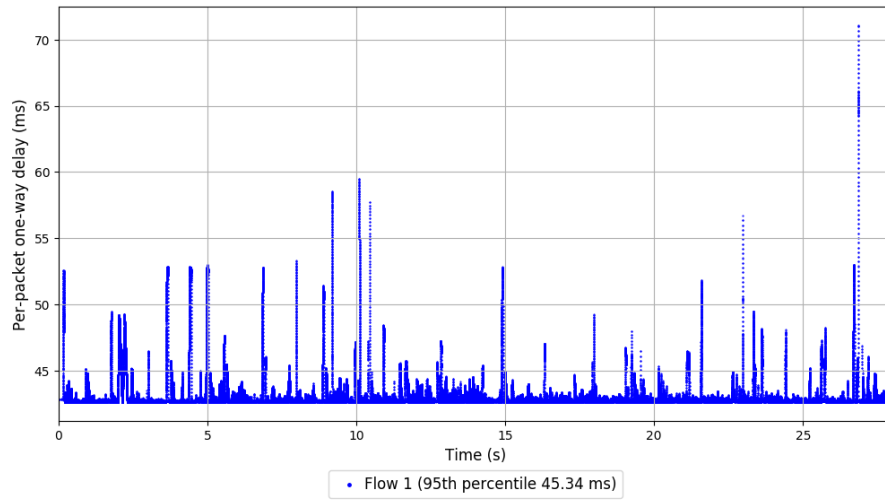
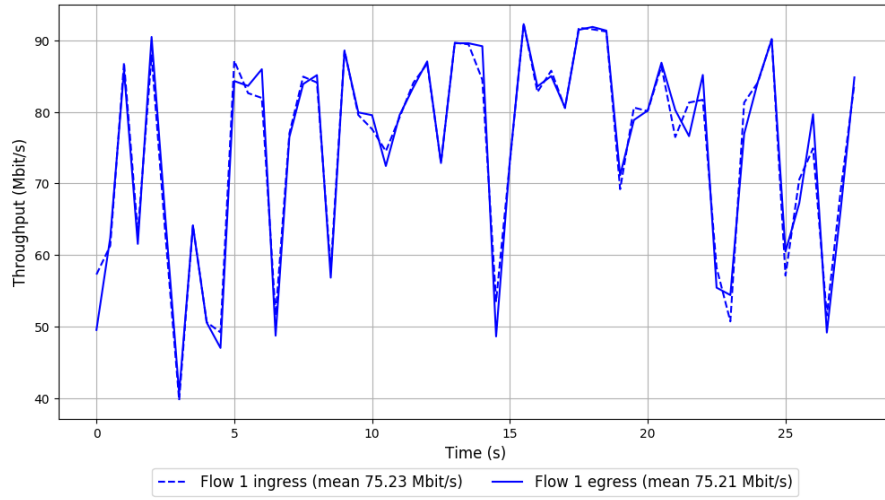


Run 1: Statistics of TaoVA-100x

Start at: 2017-08-29 07:46:20
End at: 2017-08-29 07:46:50
Local clock offset: -1.464 ms
Remote clock offset: -33.739 ms

Below is generated by plot.py at 2017-08-29 15:49:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.21 Mbit/s
95th percentile per-packet one-way delay: 45.344 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 75.21 Mbit/s
95th percentile per-packet one-way delay: 45.344 ms
Loss rate: 0.17%

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



Run 2: Statistics of TaoVA-100x

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

End at: 2017-08-29 08:04:41

Local clock offset: 0.514 ms

Remote clock offset: -34.92 ms

Below is generated by plot.py at 2017-08-29 15:49:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.03 Mbit/s

95th percentile per-packet one-way delay: 49.363 ms

Loss rate: 0.16%

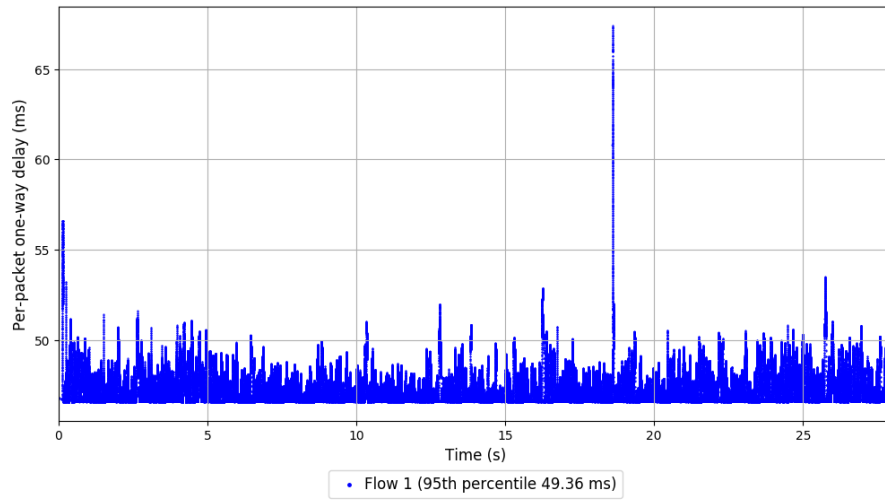
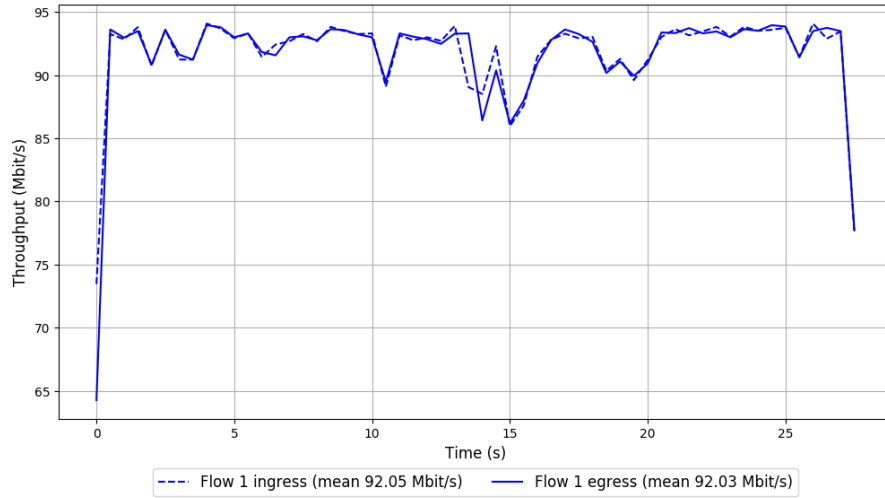
-- Flow 1:

Average throughput: 92.03 Mbit/s

95th percentile per-packet one-way delay: 49.363 ms

Loss rate: 0.16%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-08-29 08:22:01

End at: 2017-08-29 08:22:31

Local clock offset: 1.377 ms

Remote clock offset: -30.55 ms

Below is generated by plot.py at 2017-08-29 15:49:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.20 Mbit/s

95th percentile per-packet one-way delay: 52.131 ms

Loss rate: 0.20%

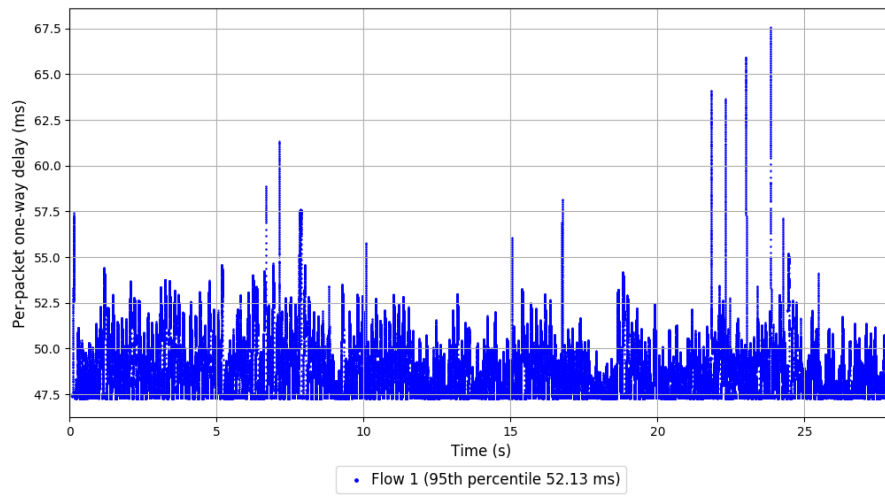
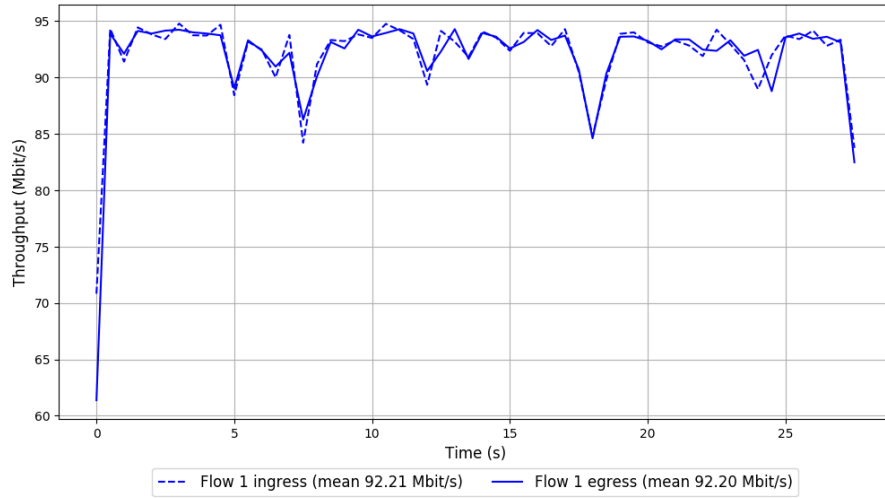
-- Flow 1:

Average throughput: 92.20 Mbit/s

95th percentile per-packet one-way delay: 52.131 ms

Loss rate: 0.20%

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

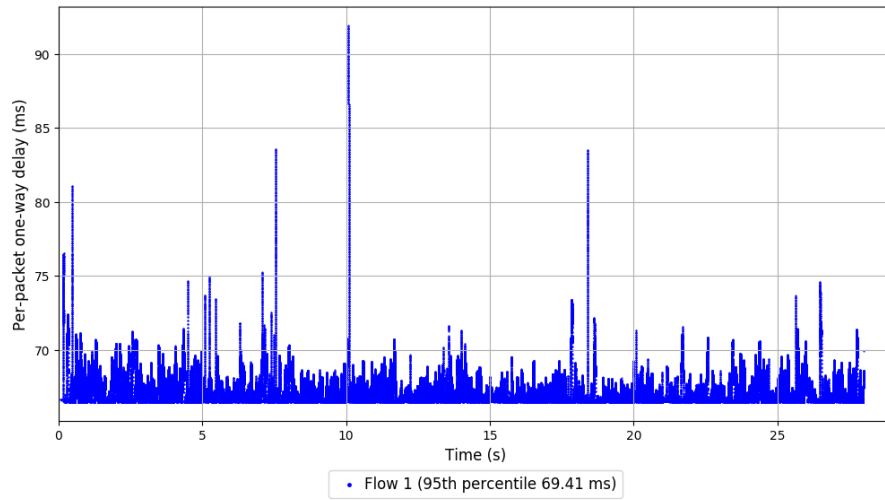
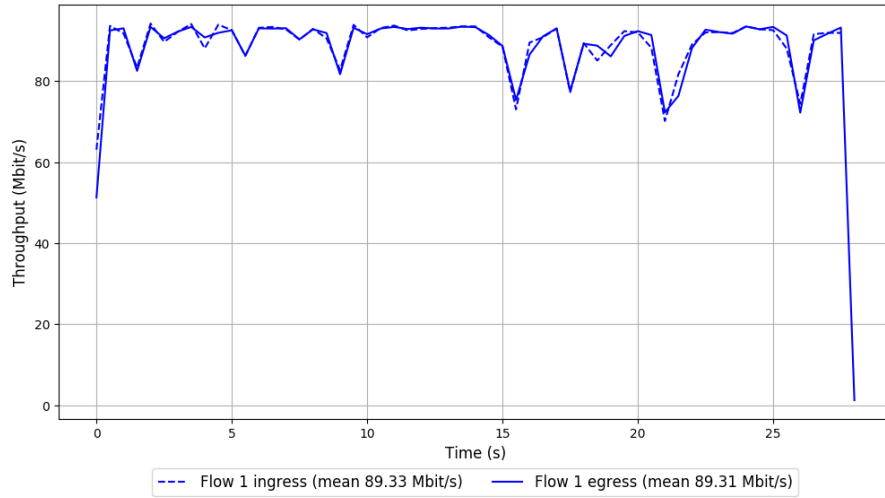


Run 4: Statistics of TaoVA-100x

Start at: 2017-08-29 08:41:53
End at: 2017-08-29 08:42:23
Local clock offset: 1.534 ms
Remote clock offset: -49.482 ms

Below is generated by plot.py at 2017-08-29 15:49:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.31 Mbit/s
95th percentile per-packet one-way delay: 69.405 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 89.31 Mbit/s
95th percentile per-packet one-way delay: 69.405 ms
Loss rate: 0.20%

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

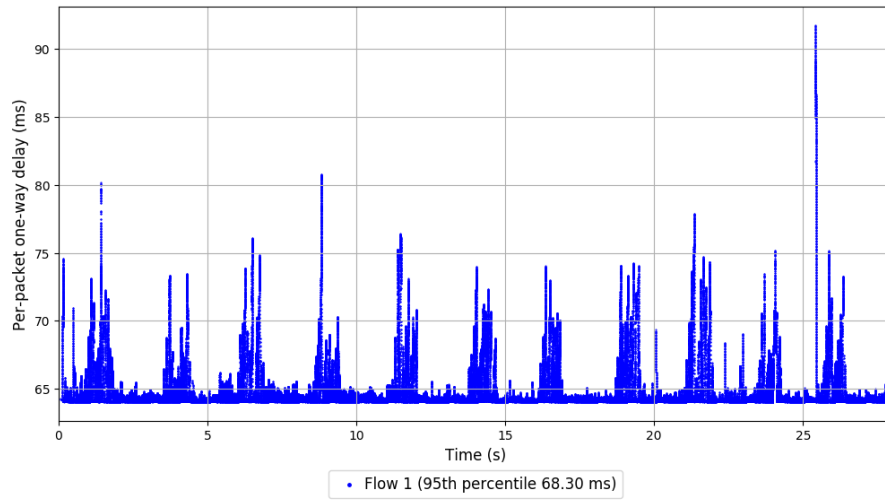
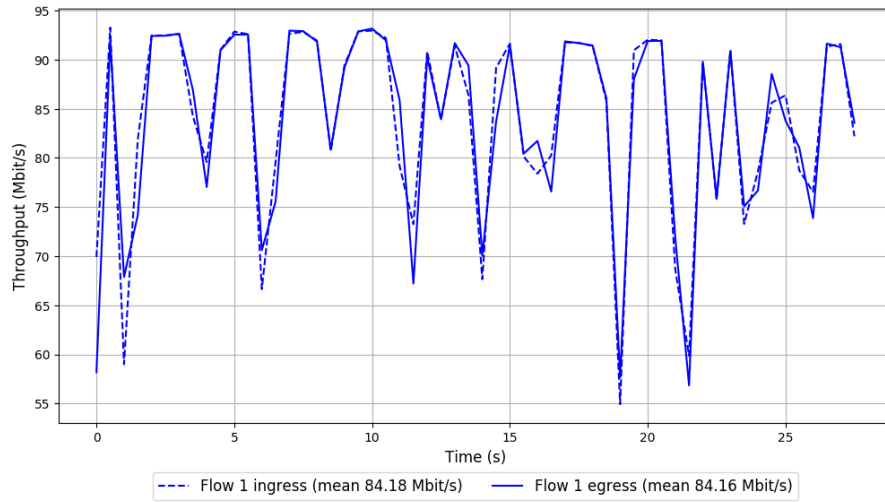


Run 5: Statistics of TaoVA-100x

Start at: 2017-08-29 09:00:07
End at: 2017-08-29 09:00:37
Local clock offset: 1.118 ms
Remote clock offset: -47.272 ms

Below is generated by plot.py at 2017-08-29 15:50:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.16 Mbit/s
95th percentile per-packet one-way delay: 68.301 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 84.16 Mbit/s
95th percentile per-packet one-way delay: 68.301 ms
Loss rate: 0.22%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-08-29 09:21:41

End at: 2017-08-29 09:22:11

Local clock offset: 0.5 ms

Remote clock offset: -50.014 ms

Below is generated by plot.py at 2017-08-29 15:50:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.28 Mbit/s

95th percentile per-packet one-way delay: 69.951 ms

Loss rate: 0.17%

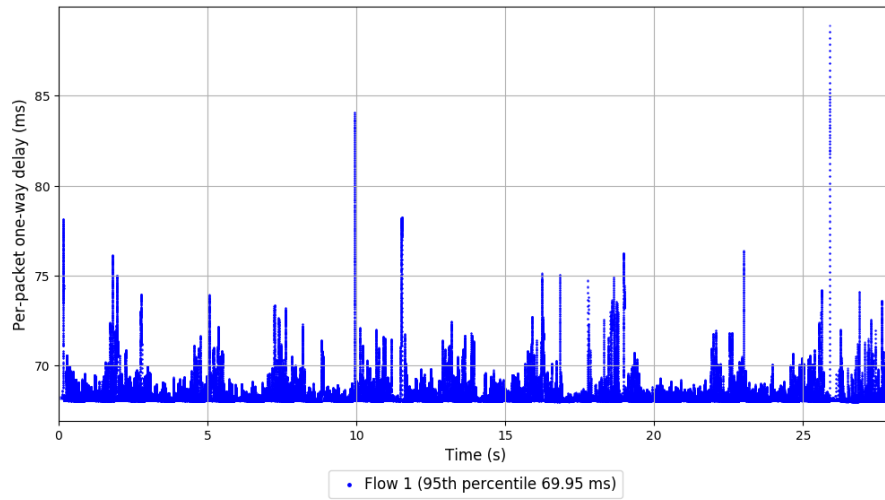
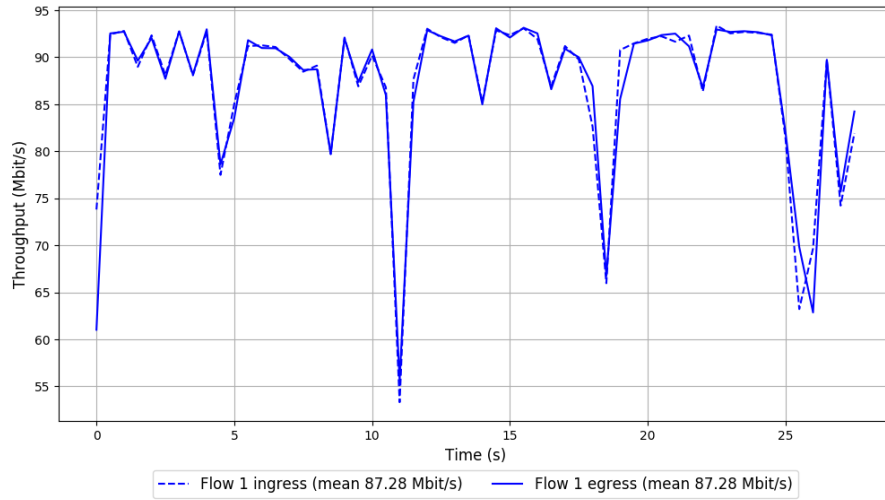
-- Flow 1:

Average throughput: 87.28 Mbit/s

95th percentile per-packet one-way delay: 69.951 ms

Loss rate: 0.17%

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



Run 7: Statistics of TaoVA-100x

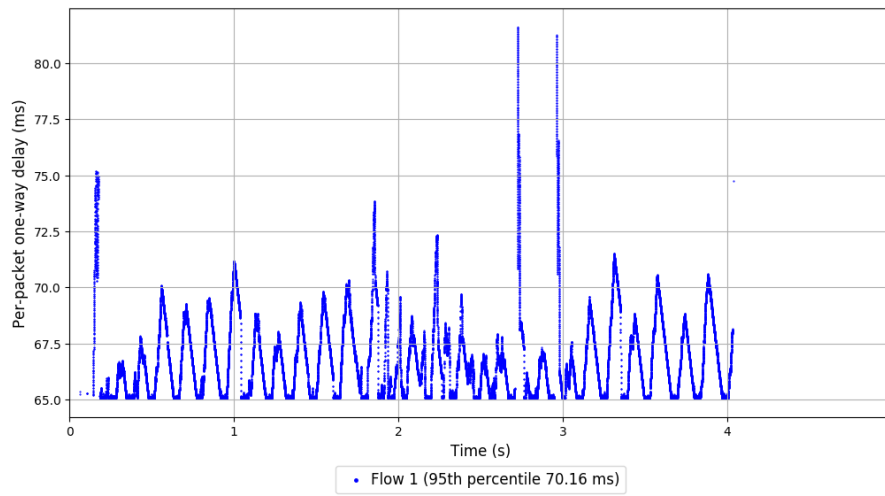
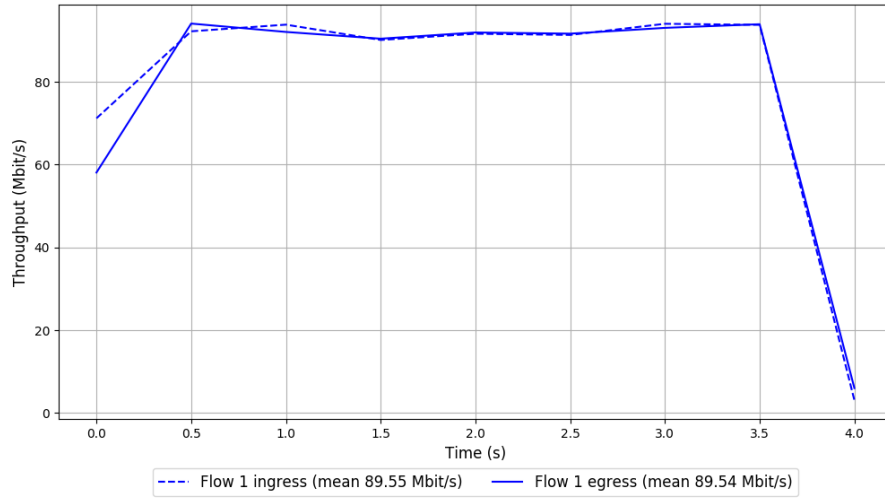
Start at: 2017-08-29 09:44:57

End at: 2017-08-29 09:45:27

Local clock offset: -0.82 ms

Remote clock offset: -48.916 ms

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

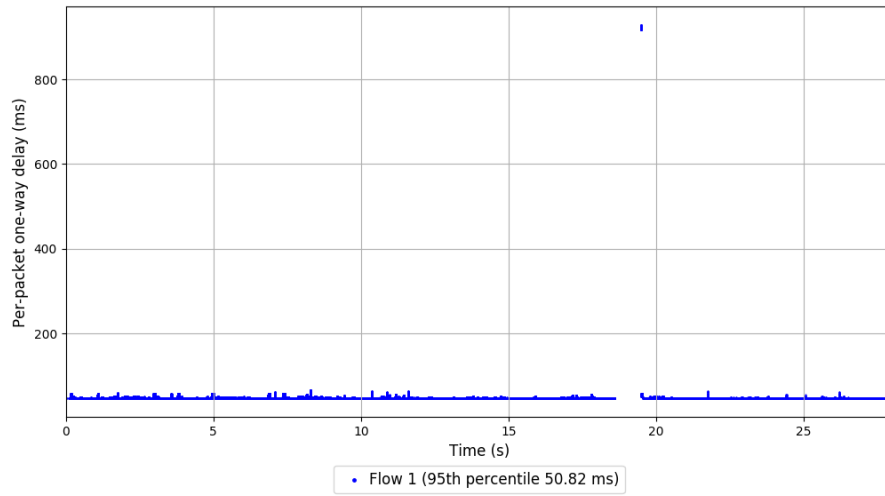
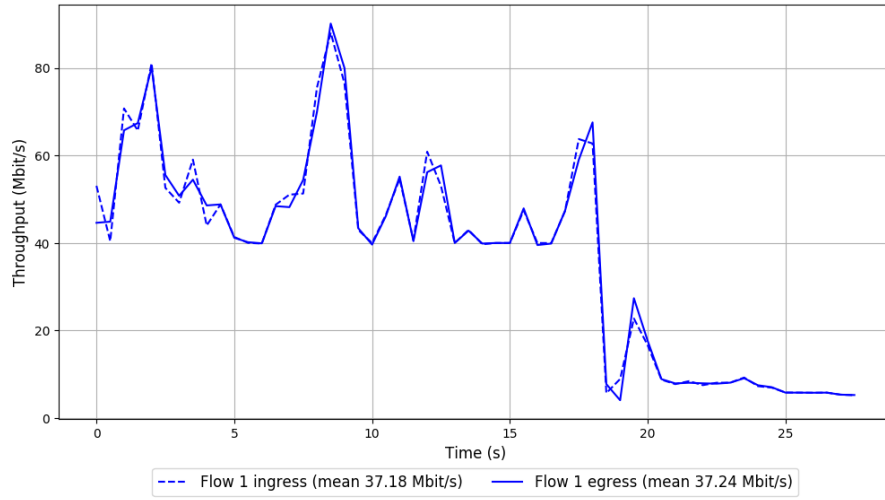


Run 8: Statistics of TaoVA-100x

Start at: 2017-08-29 10:06:26
End at: 2017-08-29 10:06:56
Local clock offset: -4.042 ms
Remote clock offset: -33.324 ms

Below is generated by plot.py at 2017-08-29 15:50:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.24 Mbit/s
95th percentile per-packet one-way delay: 50.824 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 37.24 Mbit/s
95th percentile per-packet one-way delay: 50.824 ms
Loss rate: 0.02%

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

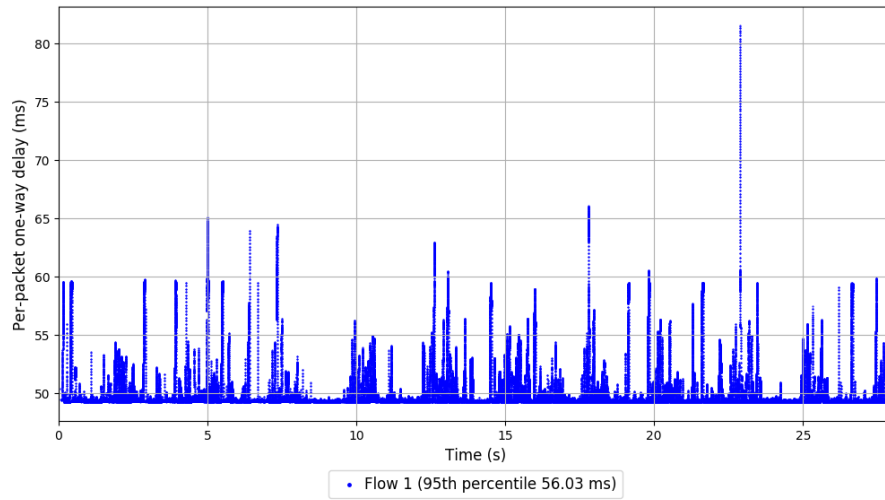
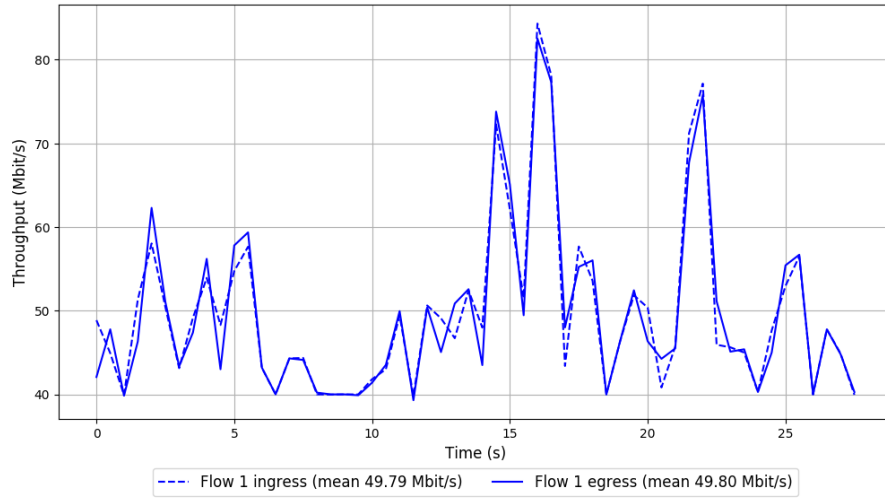


Run 9: Statistics of TaoVA-100x

Start at: 2017-08-29 10:29:03
End at: 2017-08-29 10:29:33
Local clock offset: 0.947 ms
Remote clock offset: -35.113 ms

Below is generated by plot.py at 2017-08-29 15:50:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 56.026 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 56.026 ms
Loss rate: 0.13%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-08-29 10:50:54

End at: 2017-08-29 10:51:24

Local clock offset: 1.684 ms

Remote clock offset: -49.534 ms

Below is generated by plot.py at 2017-08-29 15:50:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.82 Mbit/s

95th percentile per-packet one-way delay: 66.424 ms

Loss rate: 0.14%

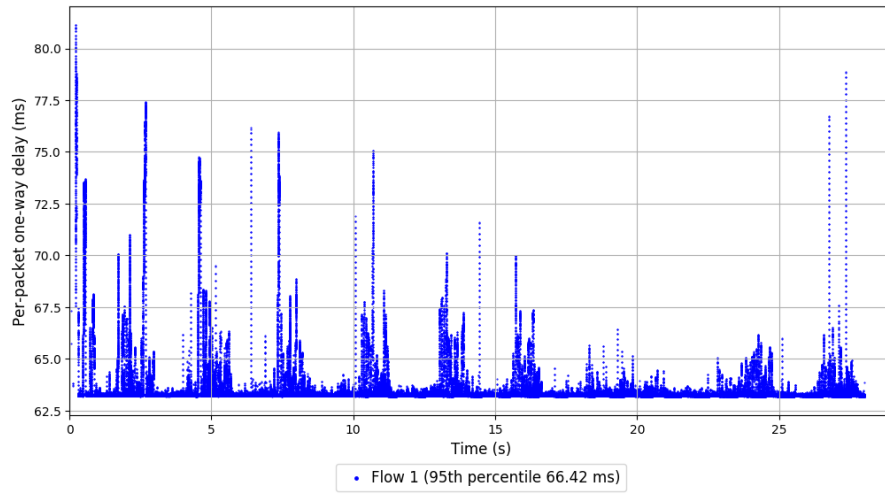
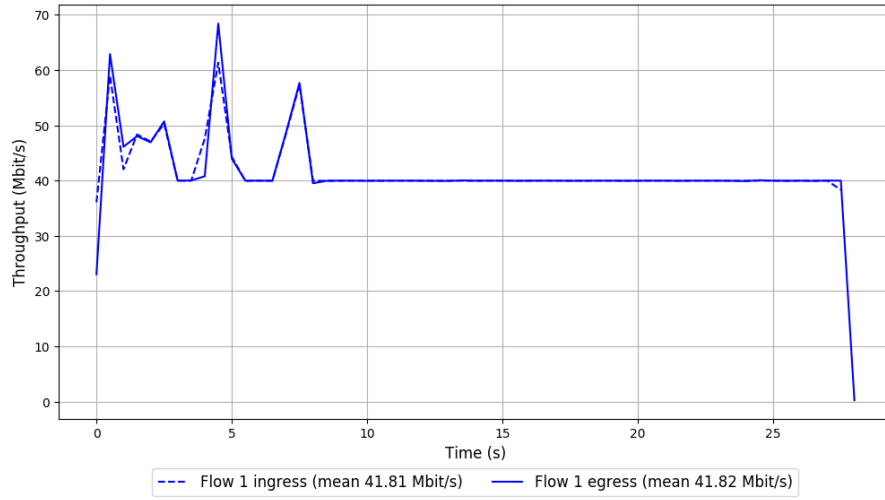
-- Flow 1:

Average throughput: 41.82 Mbit/s

95th percentile per-packet one-way delay: 66.424 ms

Loss rate: 0.14%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-08-29 07:48:42
End at: 2017-08-29 07:49:12
Local clock offset: -1.694 ms
Remote clock offset: -34.234 ms

Below is generated by plot.py at 2017-08-29 15:50:26

Datalink statistics

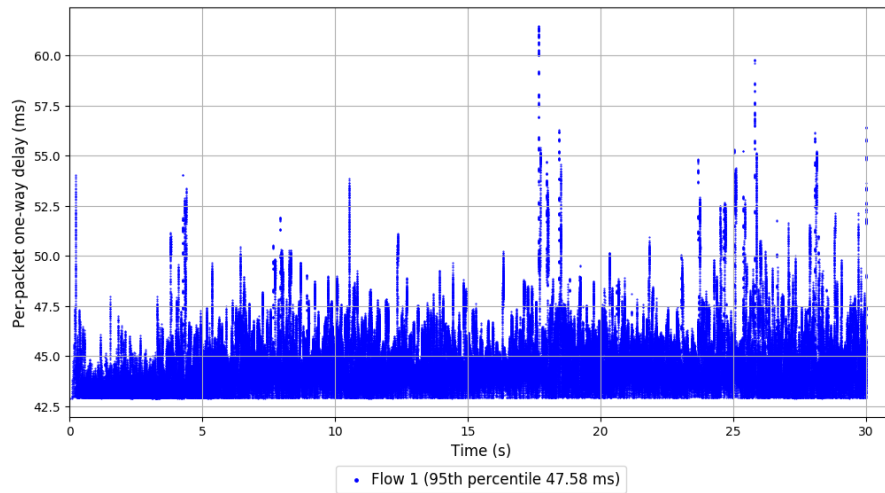
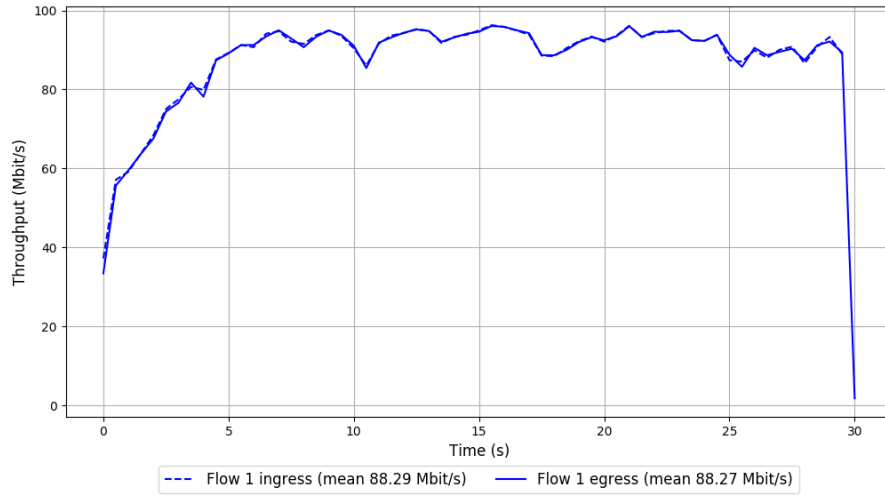
-- Total of 1 flow:

Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 47.579 ms
Loss rate: 0.12%

-- Flow 1:

Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 47.579 ms
Loss rate: 0.12%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2017-08-29 08:06:32
End at: 2017-08-29 08:07:02
Local clock offset: -2.054 ms
Remote clock offset: -34.351 ms

Below is generated by plot.py at 2017-08-29 15:50:36

Datalink statistics

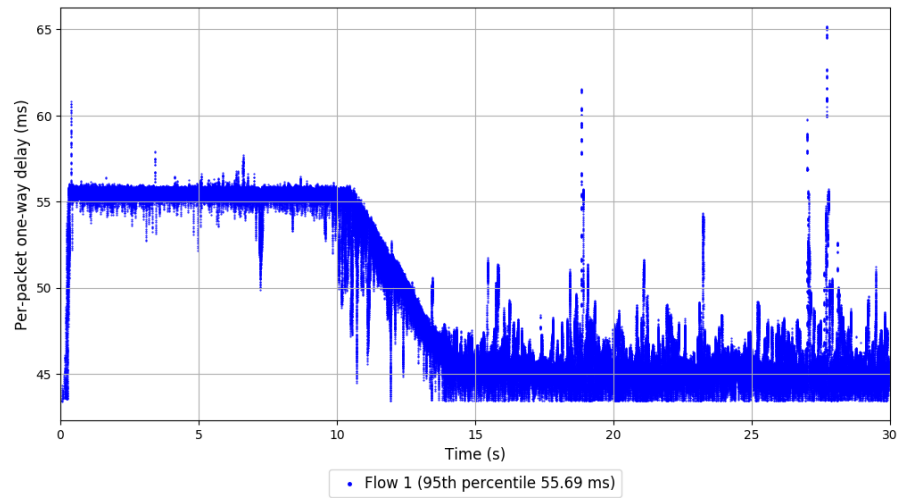
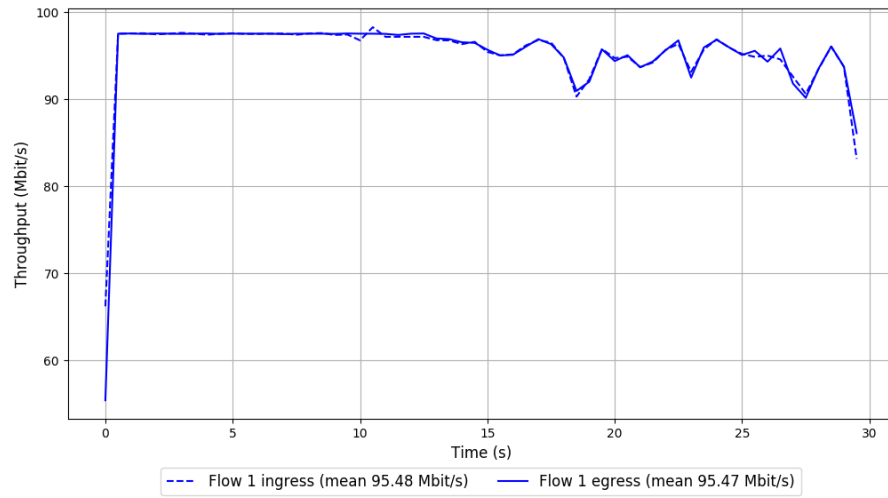
-- Total of 1 flow:

Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 55.692 ms
Loss rate: 0.10%

-- Flow 1:

Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 55.692 ms
Loss rate: 0.10%

Run 2: Report of TCP Vegas — Data Link

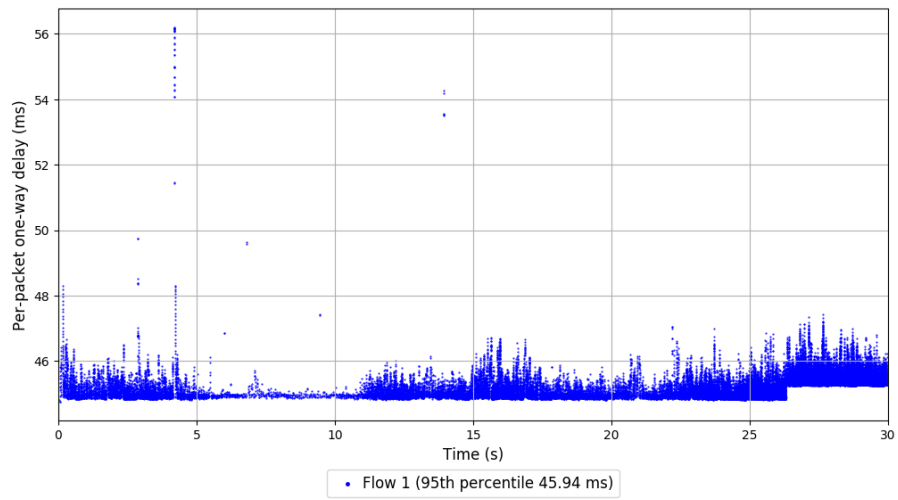
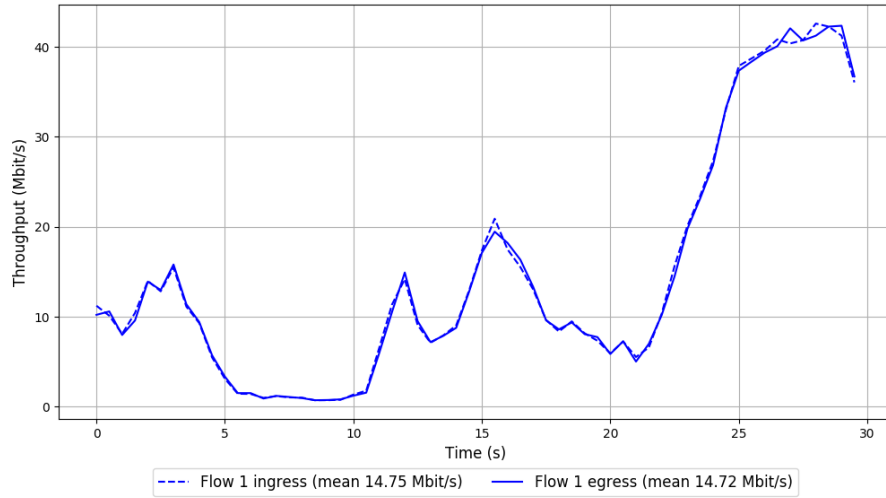


Run 3: Statistics of TCP Vegas

Start at: 2017-08-29 08:24:48
End at: 2017-08-29 08:25:18
Local clock offset: -1.576 ms
Remote clock offset: -31.074 ms

Below is generated by plot.py at 2017-08-29 15:50:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.72 Mbit/s
95th percentile per-packet one-way delay: 45.944 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 14.72 Mbit/s
95th percentile per-packet one-way delay: 45.944 ms
Loss rate: 0.30%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

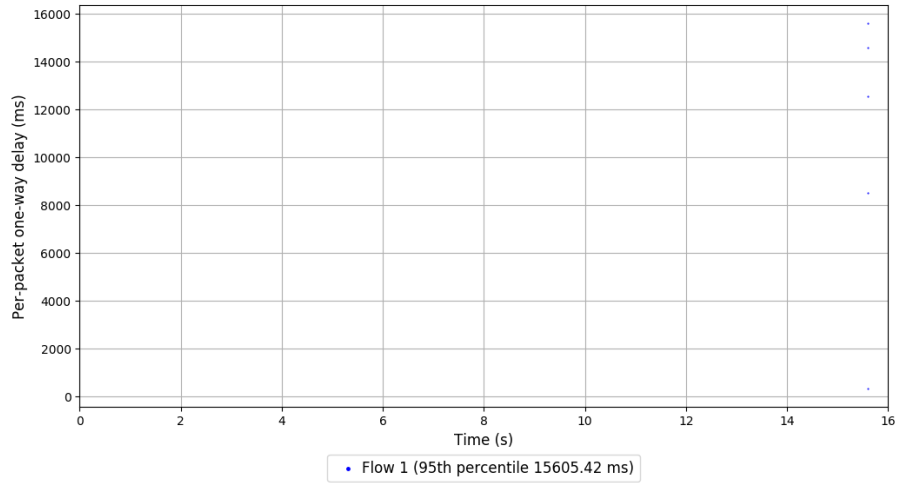
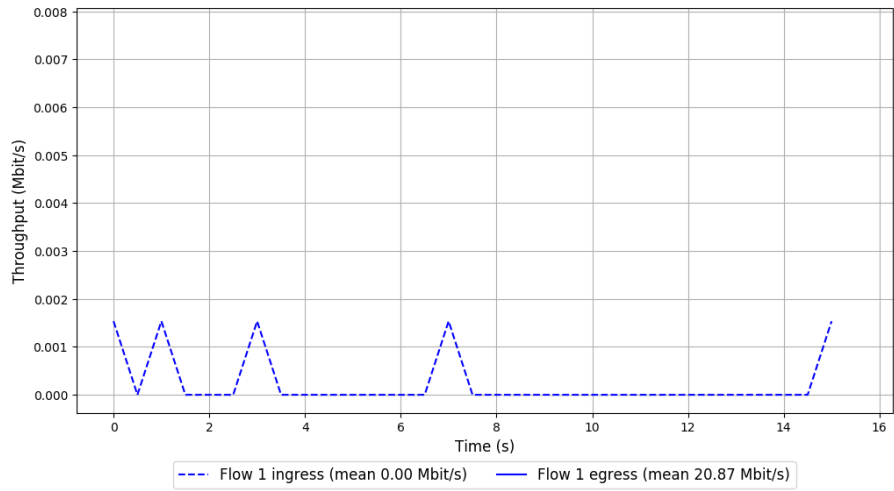
Start at: 2017-08-29 08:44:26

End at: 2017-08-29 08:44:56

Local clock offset: -0.143 ms

Remote clock offset: -44.799 ms

Run 4: Report of TCP Vegas — Data Link

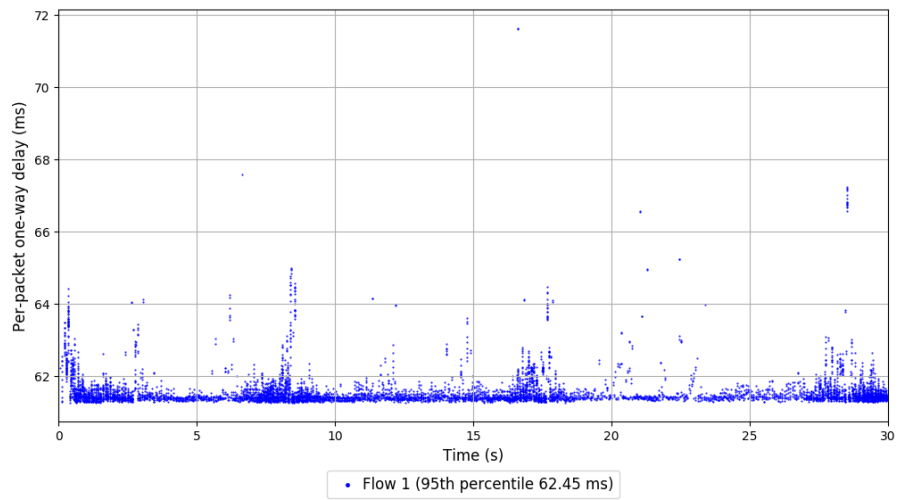
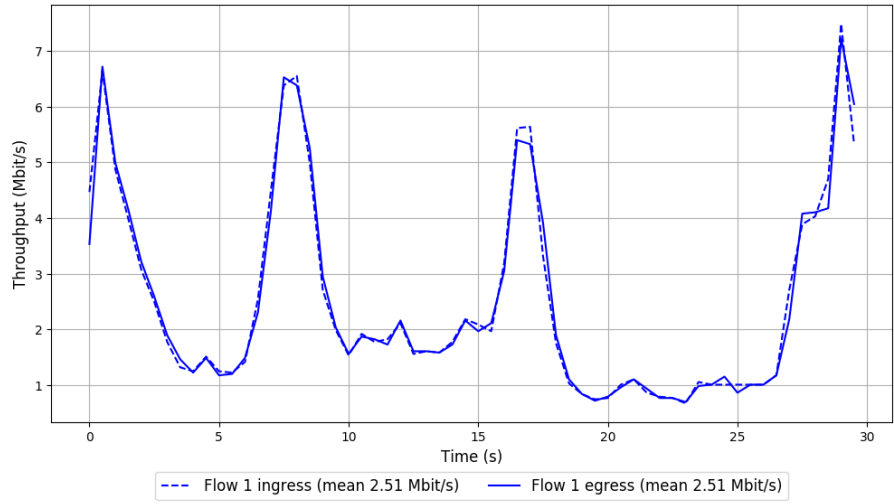


Run 5: Statistics of TCP Vegas

Start at: 2017-08-29 09:03:08
End at: 2017-08-29 09:03:38
Local clock offset: -2.389 ms
Remote clock offset: -47.937 ms

Below is generated by plot.py at 2017-08-29 15:50:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 62.452 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 62.452 ms
Loss rate: 0.32%

Run 5: Report of TCP Vegas — Data Link

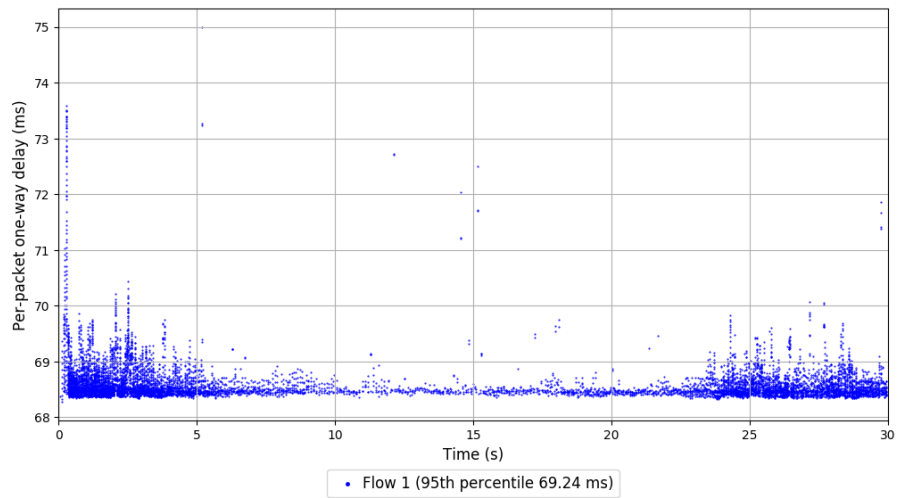
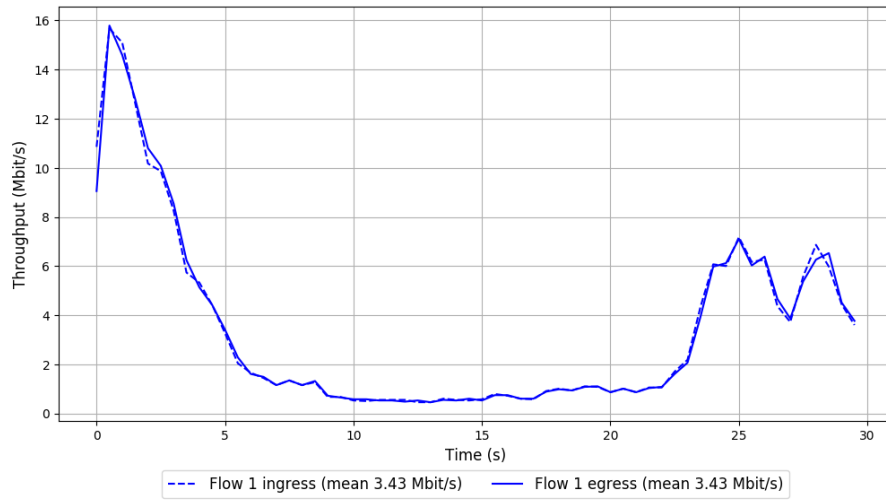


Run 6: Statistics of TCP Vegas

Start at: 2017-08-29 09:24:36
End at: 2017-08-29 09:25:06
Local clock offset: -0.056 ms
Remote clock offset: -50.968 ms

Below is generated by plot.py at 2017-08-29 15:50:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 69.236 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 69.236 ms
Loss rate: 0.20%

Run 6: Report of TCP Vegas — Data Link

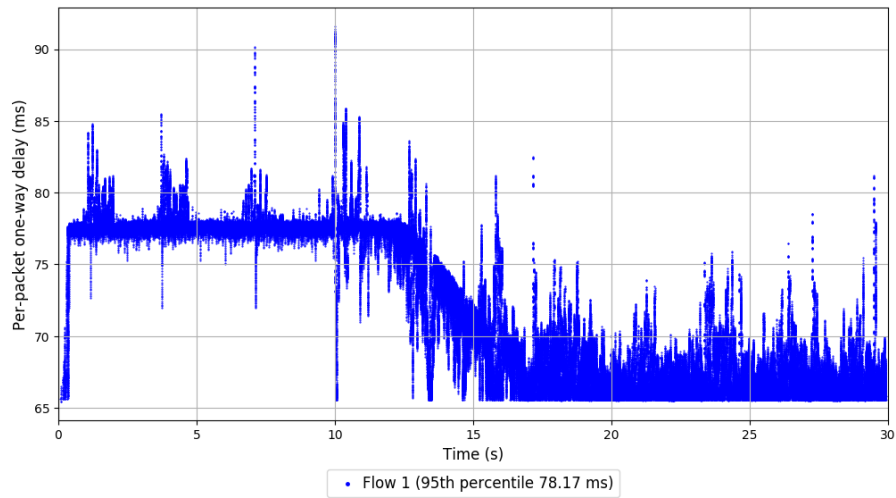
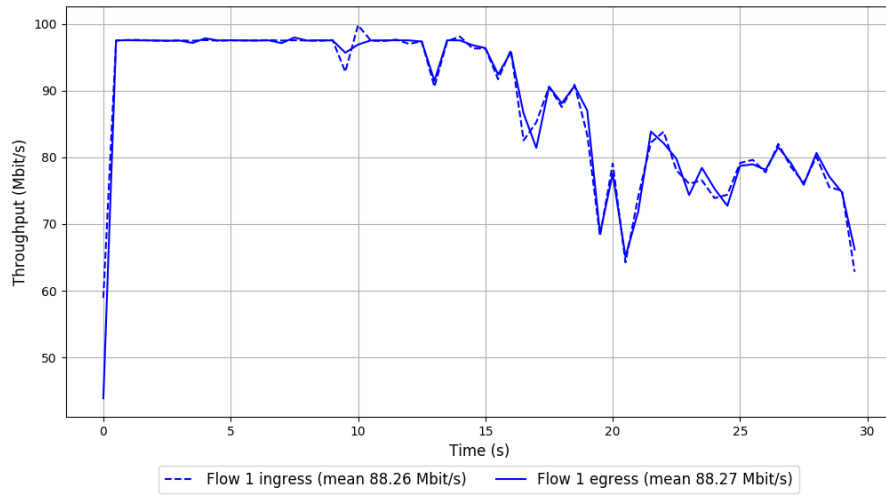


Run 7: Statistics of TCP Vegas

Start at: 2017-08-29 09:47:23
End at: 2017-08-29 09:47:53
Local clock offset: -0.024 ms
Remote clock offset: -48.601 ms

Below is generated by plot.py at 2017-08-29 15:50:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 78.165 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 78.165 ms
Loss rate: 0.11%

Run 7: Report of TCP Vegas — Data Link

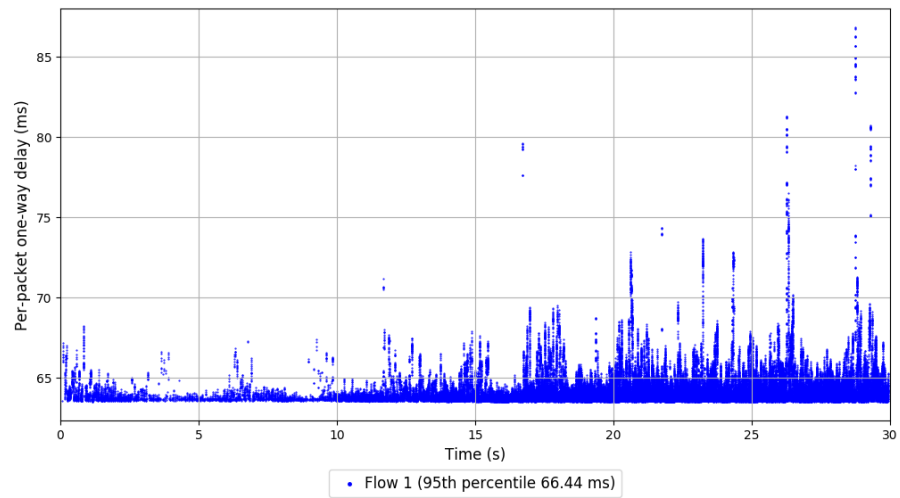
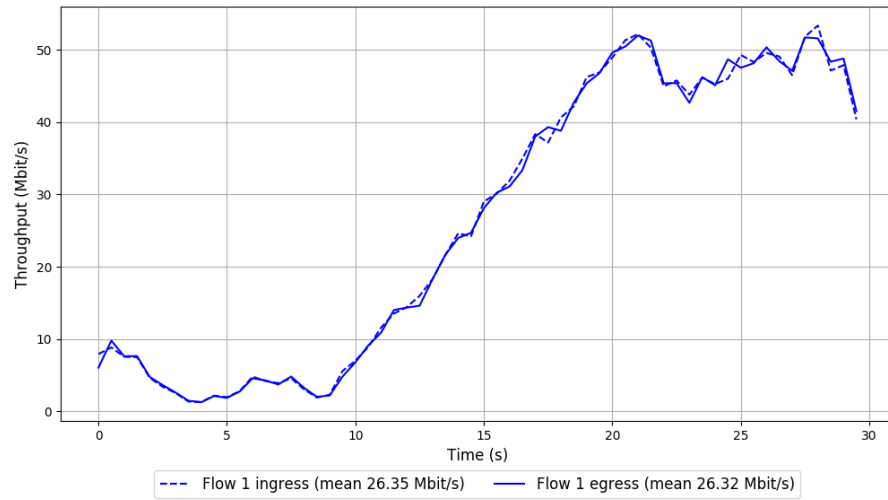


Run 8: Statistics of TCP Vegas

Start at: 2017-08-29 10:09:08
End at: 2017-08-29 10:09:38
Local clock offset: -0.34 ms
Remote clock offset: -47.533 ms

Below is generated by plot.py at 2017-08-29 15:50:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 66.444 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 66.444 ms
Loss rate: 0.27%

Run 8: Report of TCP Vegas — Data Link

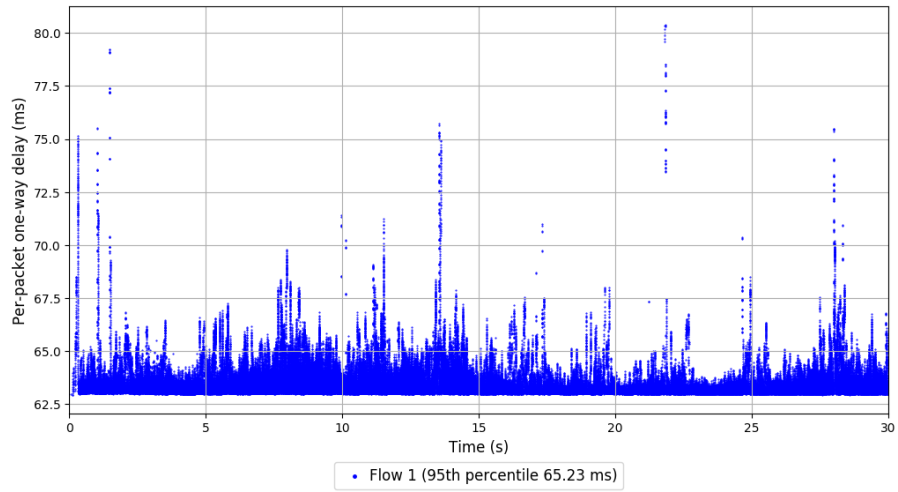
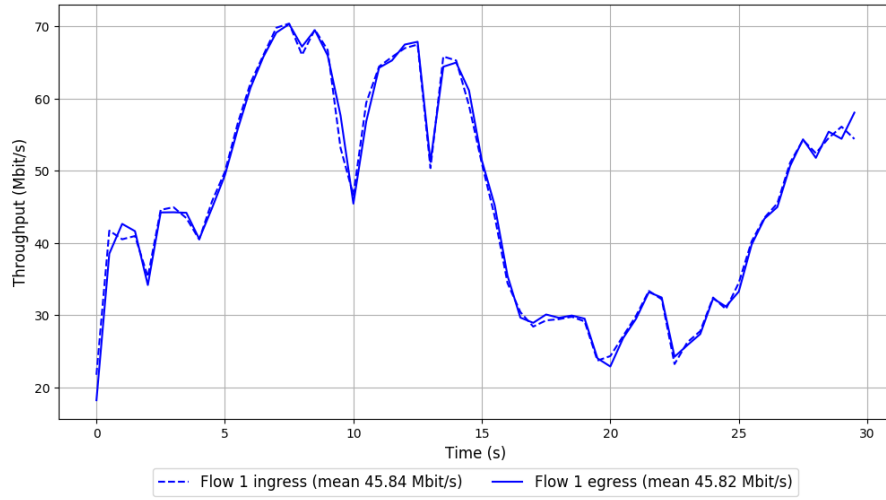


Run 9: Statistics of TCP Vegas

Start at: 2017-08-29 10:31:59
End at: 2017-08-29 10:32:29
Local clock offset: -1.069 ms
Remote clock offset: -50.952 ms

Below is generated by plot.py at 2017-08-29 15:50:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.82 Mbit/s
95th percentile per-packet one-way delay: 65.234 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 45.82 Mbit/s
95th percentile per-packet one-way delay: 65.234 ms
Loss rate: 0.15%

Run 9: Report of TCP Vegas — Data Link

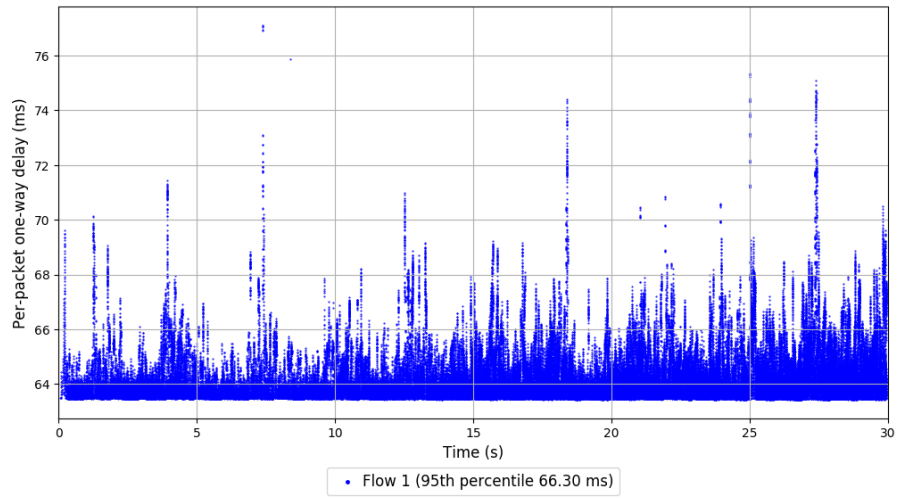
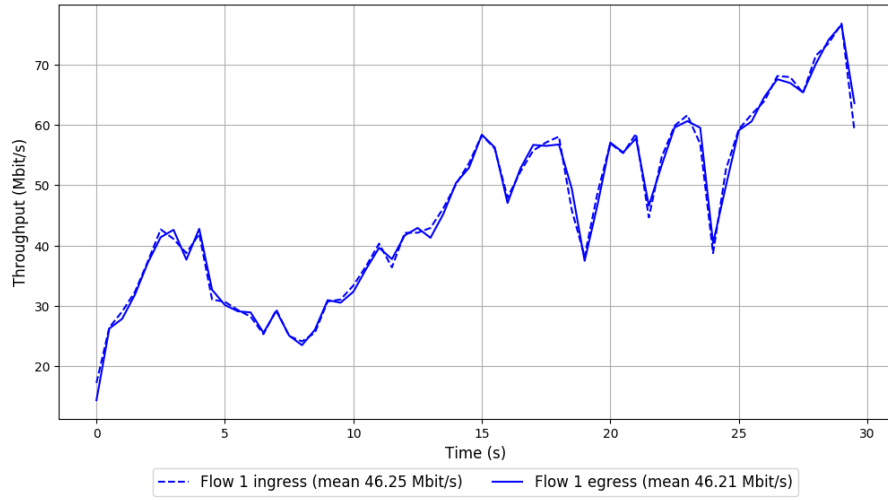


Run 10: Statistics of TCP Vegas

Start at: 2017-08-29 10:53:39
End at: 2017-08-29 10:54:09
Local clock offset: 2.335 ms
Remote clock offset: -49.285 ms

Below is generated by plot.py at 2017-08-29 15:50:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.21 Mbit/s
95th percentile per-packet one-way delay: 66.297 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 46.21 Mbit/s
95th percentile per-packet one-way delay: 66.297 ms
Loss rate: 0.20%

Run 10: Report of TCP Vegas — Data Link

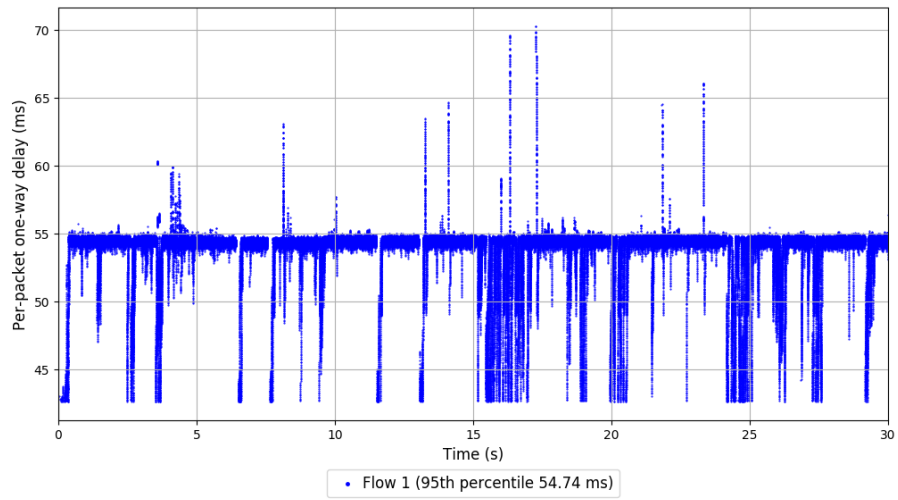
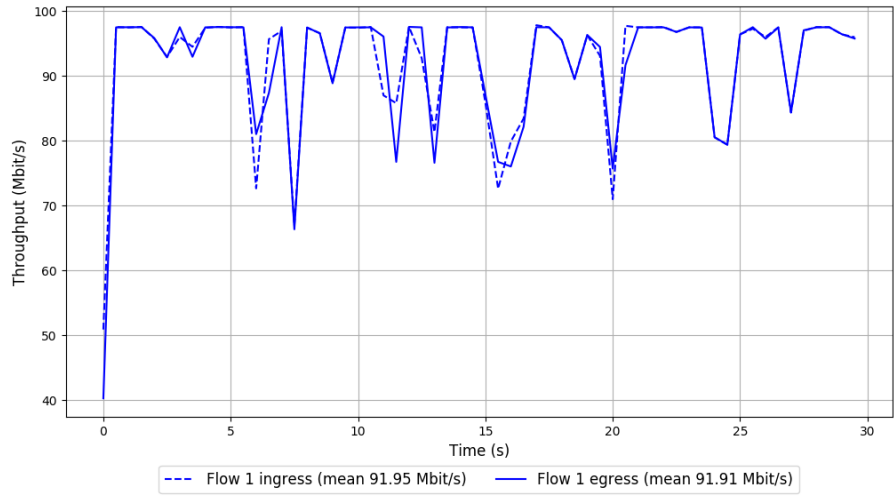


Run 1: Statistics of Verus

Start at: 2017-08-29 07:36:57
End at: 2017-08-29 07:37:27
Local clock offset: -1.167 ms
Remote clock offset: -33.393 ms

Below is generated by plot.py at 2017-08-29 15:50:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 54.738 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 54.738 ms
Loss rate: 0.20%

Run 1: Report of Verus — Data Link

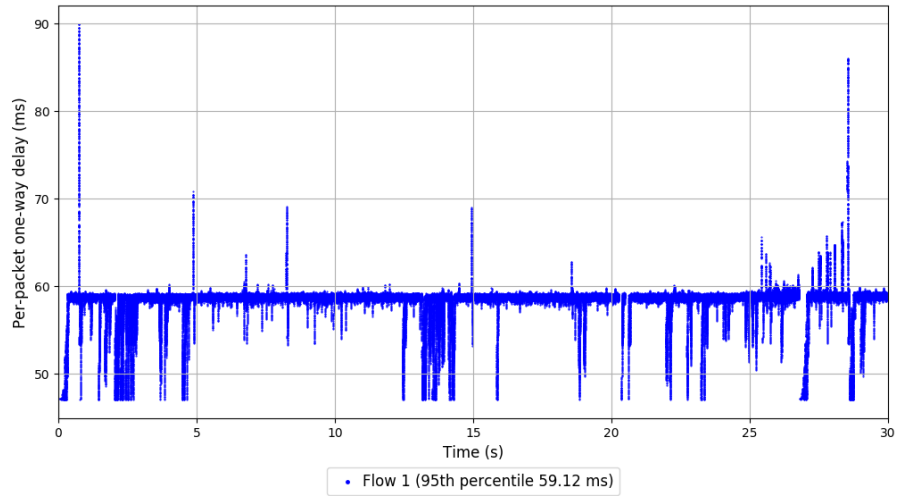
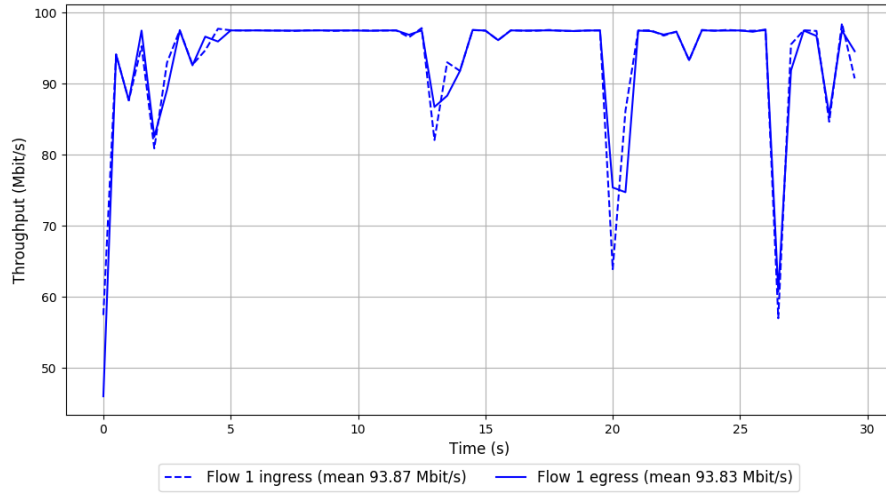


Run 2: Statistics of Verus

Start at: 2017-08-29 07:54:35
End at: 2017-08-29 07:55:05
Local clock offset: 0.751 ms
Remote clock offset: -35.266 ms

Below is generated by plot.py at 2017-08-29 15:51:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 59.119 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 59.119 ms
Loss rate: 0.15%

Run 2: Report of Verus — Data Link

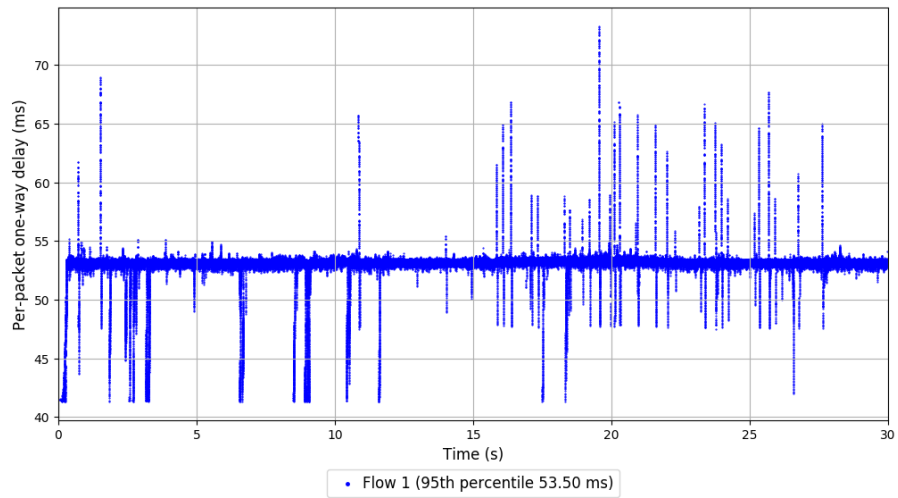
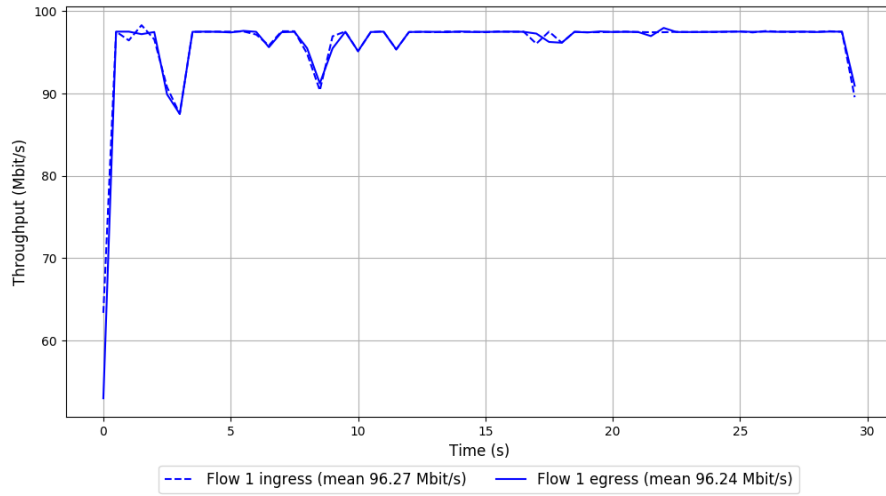


Run 3: Statistics of Verus

Start at: 2017-08-29 08:12:19
End at: 2017-08-29 08:12:49
Local clock offset: -1.068 ms
Remote clock offset: -31.223 ms

Below is generated by plot.py at 2017-08-29 15:51:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 53.498 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 53.498 ms
Loss rate: 0.16%

Run 3: Report of Verus — Data Link

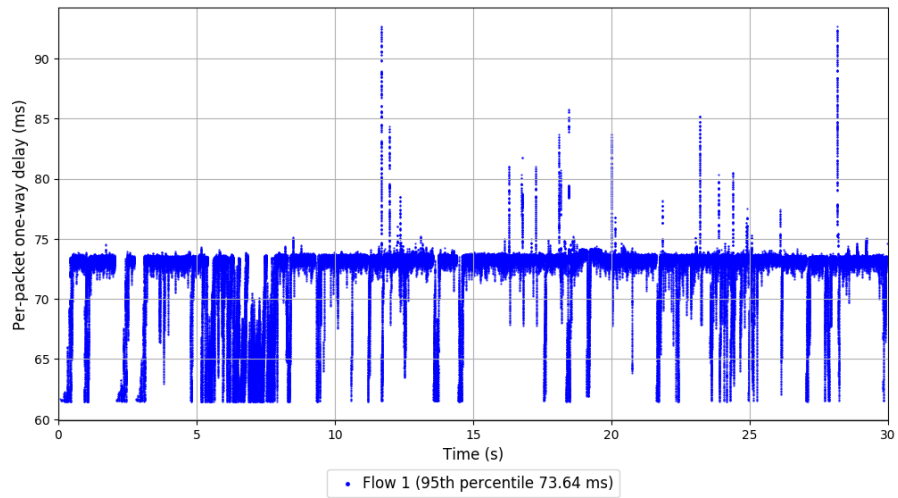
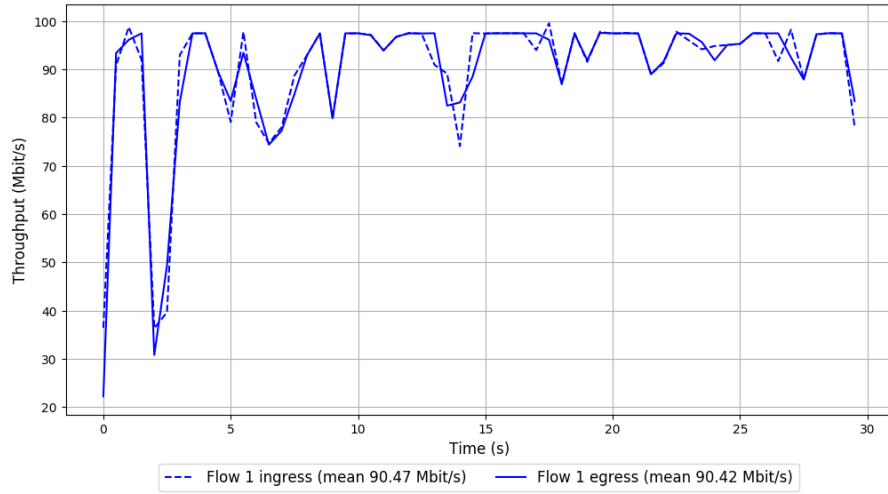


Run 4: Statistics of Verus

Start at: 2017-08-29 08:30:48
End at: 2017-08-29 08:31:18
Local clock offset: 0.72 ms
Remote clock offset: -45.389 ms

Below is generated by plot.py at 2017-08-29 15:51:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.42 Mbit/s
95th percentile per-packet one-way delay: 73.639 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 90.42 Mbit/s
95th percentile per-packet one-way delay: 73.639 ms
Loss rate: 0.16%

Run 4: Report of Verus — Data Link

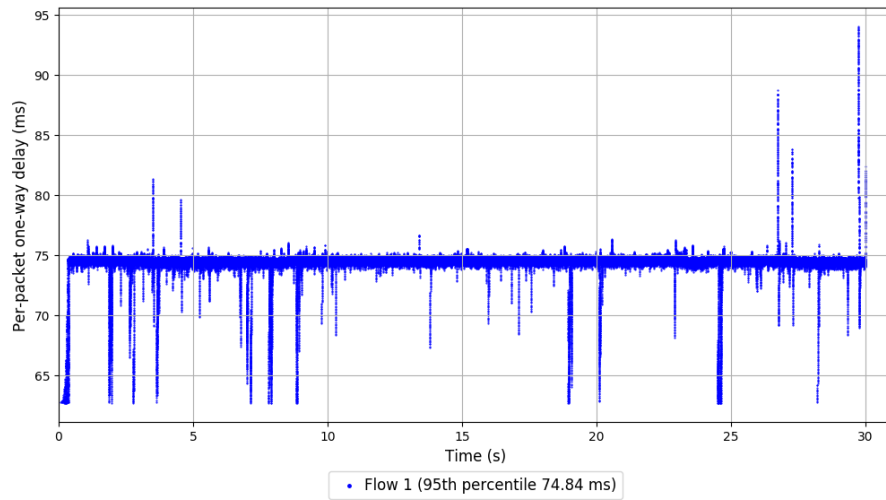
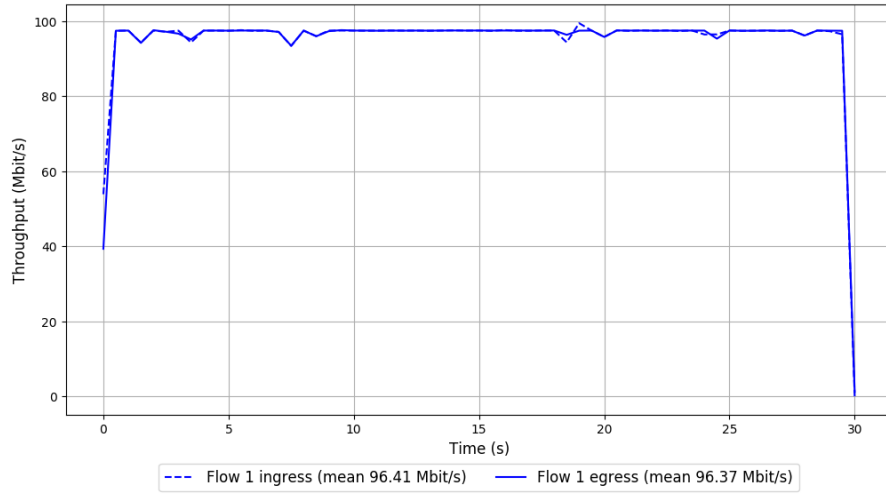


Run 5: Statistics of Verus

Start at: 2017-08-29 08:50:25
End at: 2017-08-29 08:50:55
Local clock offset: 0.705 ms
Remote clock offset: -46.36 ms

Below is generated by plot.py at 2017-08-29 15:51:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 74.838 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 74.838 ms
Loss rate: 0.21%

Run 5: Report of Verus — Data Link

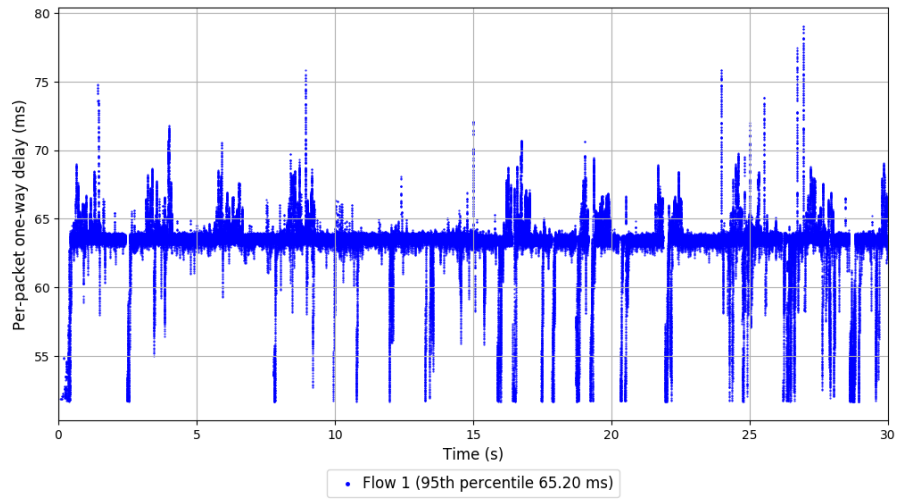
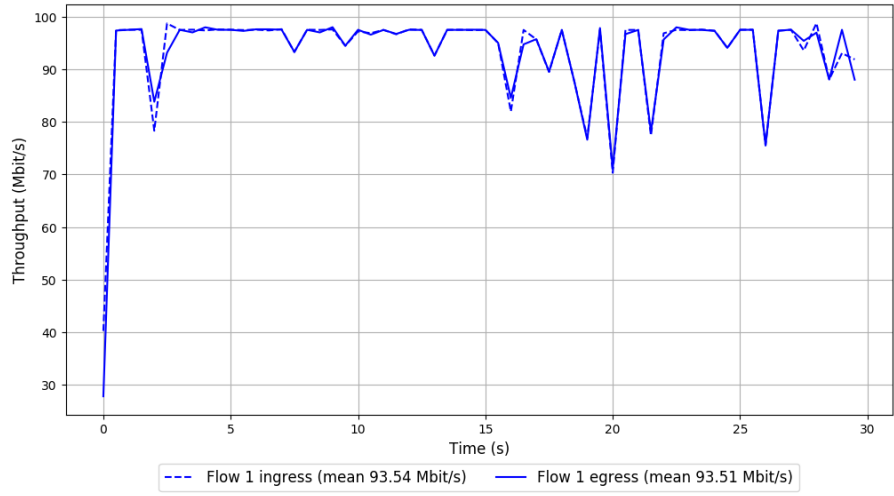


Run 6: Statistics of Verus

Start at: 2017-08-29 09:10:01
End at: 2017-08-29 09:10:31
Local clock offset: -4.123 ms
Remote clock offset: -40.042 ms

Below is generated by plot.py at 2017-08-29 15:51:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.51 Mbit/s
95th percentile per-packet one-way delay: 65.198 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 93.51 Mbit/s
95th percentile per-packet one-way delay: 65.198 ms
Loss rate: 0.21%

Run 6: Report of Verus — Data Link

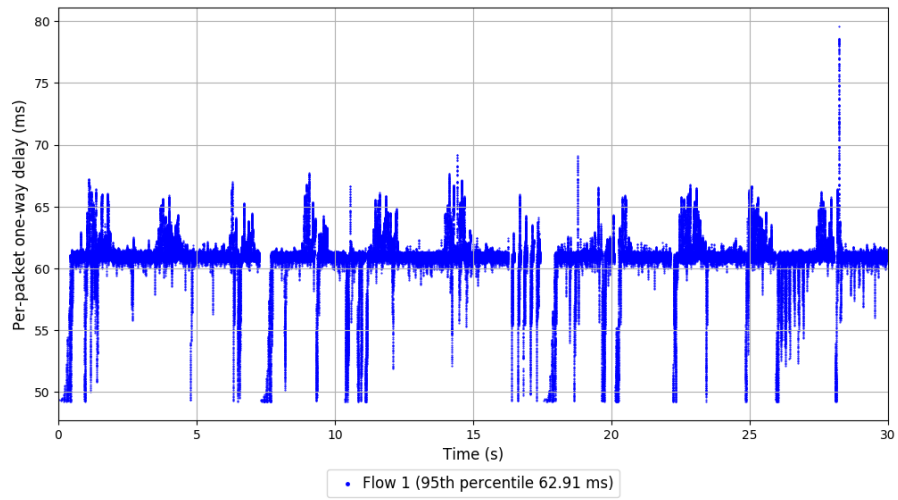
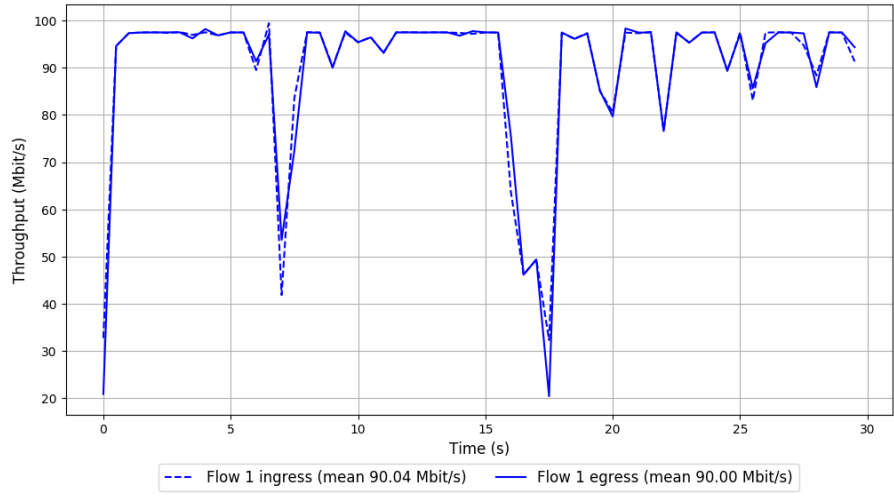


Run 7: Statistics of Verus

Start at: 2017-08-29 09:32:13
End at: 2017-08-29 09:32:43
Local clock offset: -0.687 ms
Remote clock offset: -32.591 ms

Below is generated by plot.py at 2017-08-29 15:51:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.00 Mbit/s
95th percentile per-packet one-way delay: 62.908 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 90.00 Mbit/s
95th percentile per-packet one-way delay: 62.908 ms
Loss rate: 0.16%

Run 7: Report of Verus — Data Link

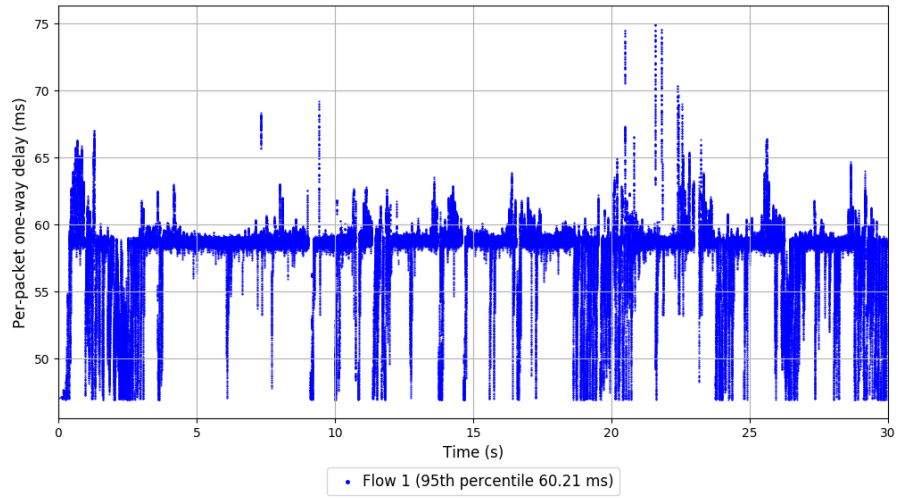
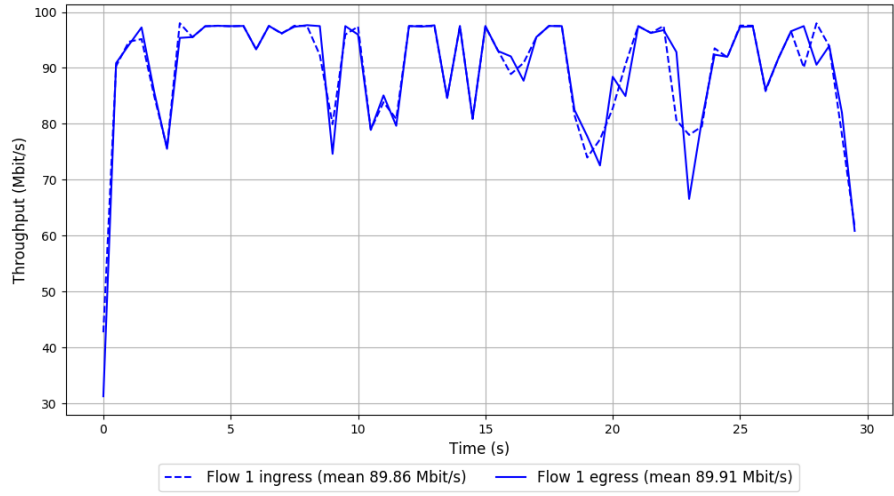


Run 8: Statistics of Verus

Start at: 2017-08-29 09:54:51
End at: 2017-08-29 09:55:21
Local clock offset: -1.538 ms
Remote clock offset: -31.782 ms

Below is generated by plot.py at 2017-08-29 15:51:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 60.207 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 60.207 ms
Loss rate: 0.15%

Run 8: Report of Verus — Data Link

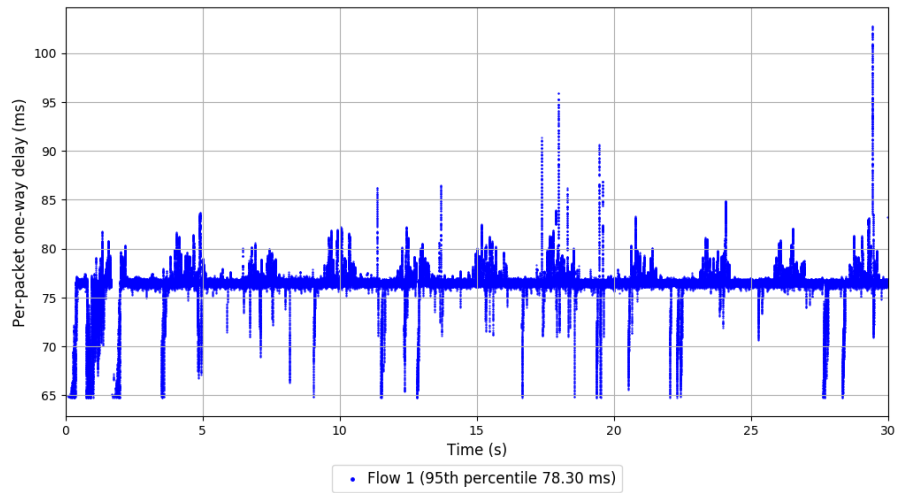
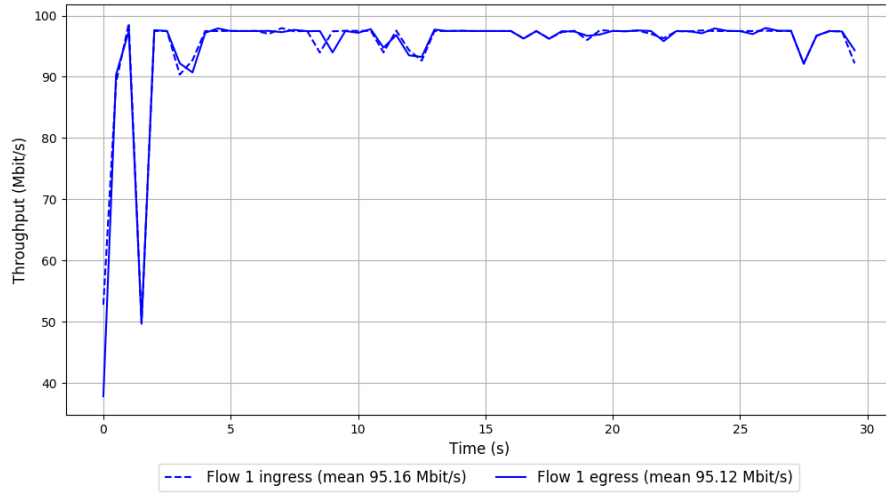


Run 9: Statistics of Verus

Start at: 2017-08-29 10:16:18
End at: 2017-08-29 10:16:48
Local clock offset: 0.305 ms
Remote clock offset: -48.301 ms

Below is generated by plot.py at 2017-08-29 15:51:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.12 Mbit/s
95th percentile per-packet one-way delay: 78.295 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 95.12 Mbit/s
95th percentile per-packet one-way delay: 78.295 ms
Loss rate: 0.23%

Run 9: Report of Verus — Data Link

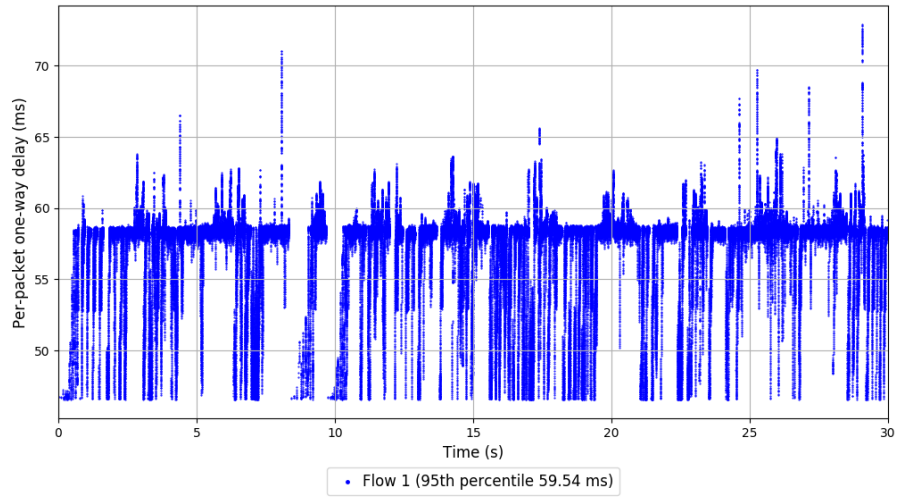
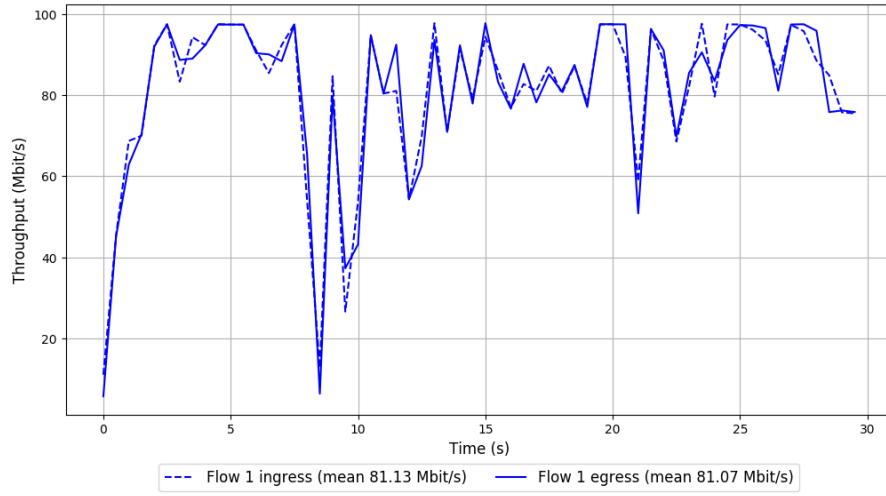


Run 10: Statistics of Verus

Start at: 2017-08-29 10:39:02
End at: 2017-08-29 10:39:32
Local clock offset: 1.354 ms
Remote clock offset: -32.585 ms

Below is generated by plot.py at 2017-08-29 15:51:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.07 Mbit/s
95th percentile per-packet one-way delay: 59.538 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 81.07 Mbit/s
95th percentile per-packet one-way delay: 59.538 ms
Loss rate: 0.22%

Run 10: Report of Verus — Data Link

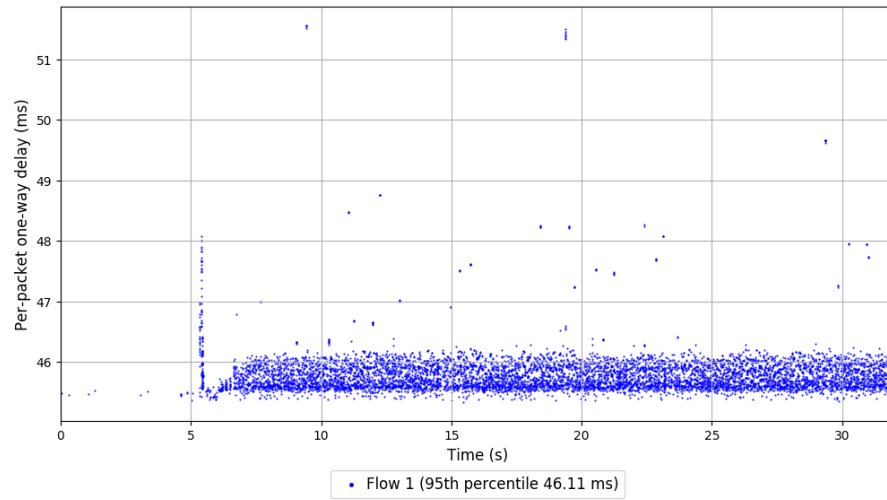
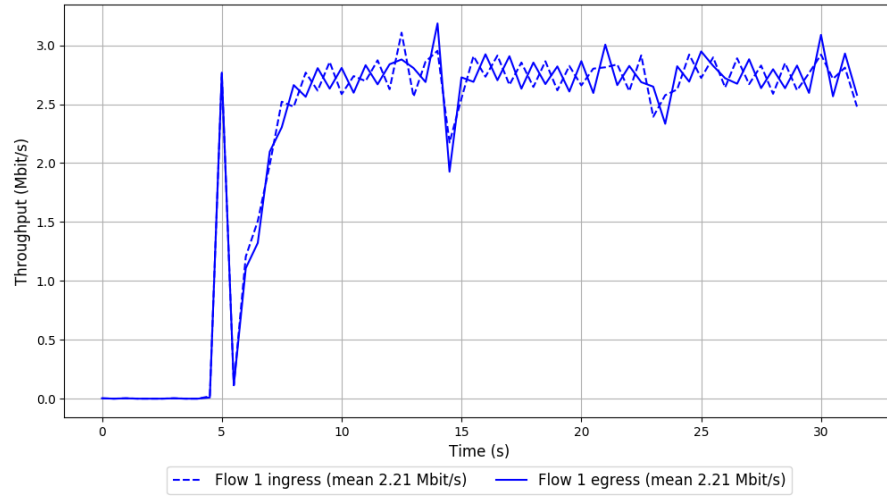


Run 1: Statistics of WebRTC media

Start at: 2017-08-29 07:53:29
End at: 2017-08-29 07:53:59
Local clock offset: 0.716 ms
Remote clock offset: -33.793 ms

Below is generated by plot.py at 2017-08-29 15:51:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 46.110 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 46.110 ms
Loss rate: 0.10%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

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

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

Local clock offset: -1.753 ms

Remote clock offset: -32.215 ms

Run 2: Report of WebRTC media — Data Link

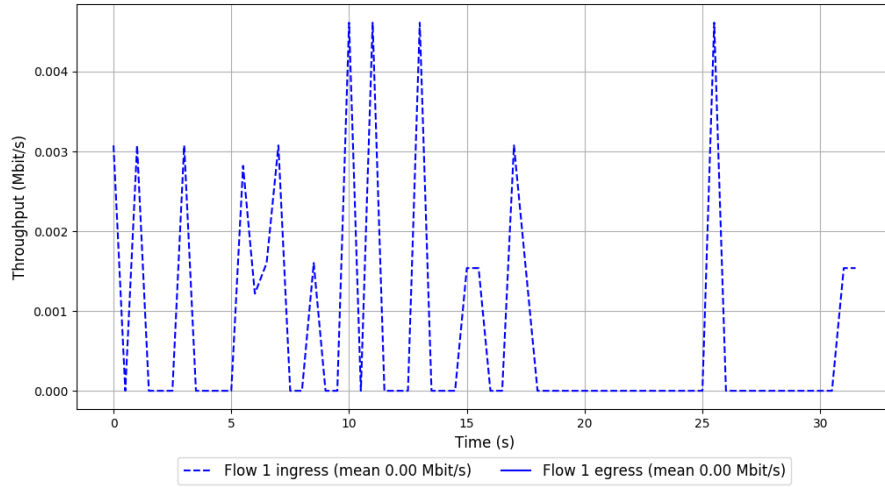


Figure is missing

Run 3: Statistics of WebRTC media

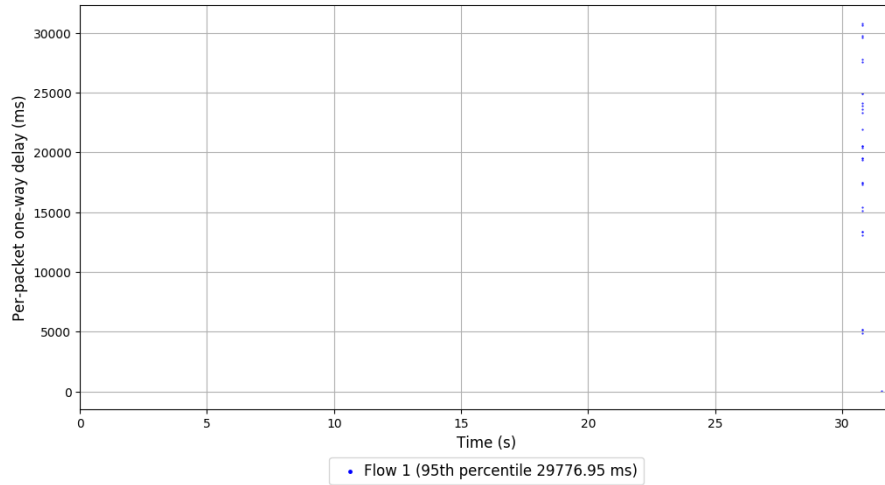
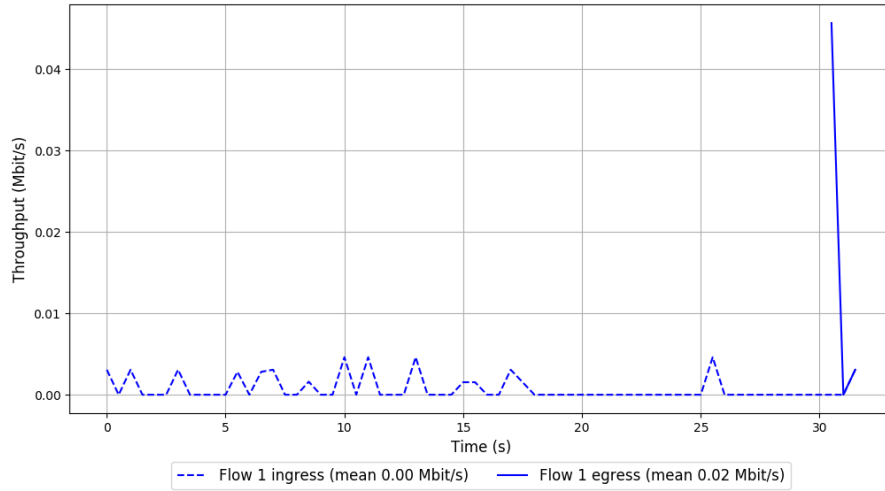
Start at: 2017-08-29 08:29:43

End at: 2017-08-29 08:30:13

Local clock offset: 1.456 ms

Remote clock offset: -29.609 ms

Run 3: Report of WebRTC media — Data Link

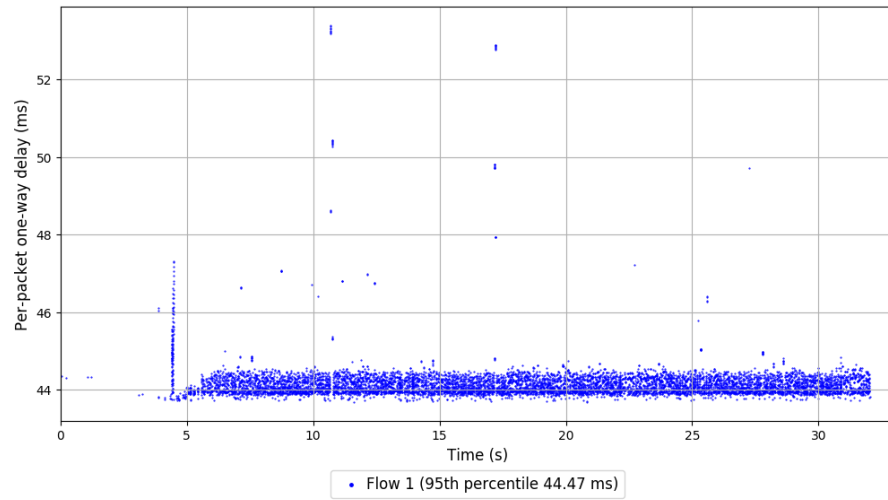
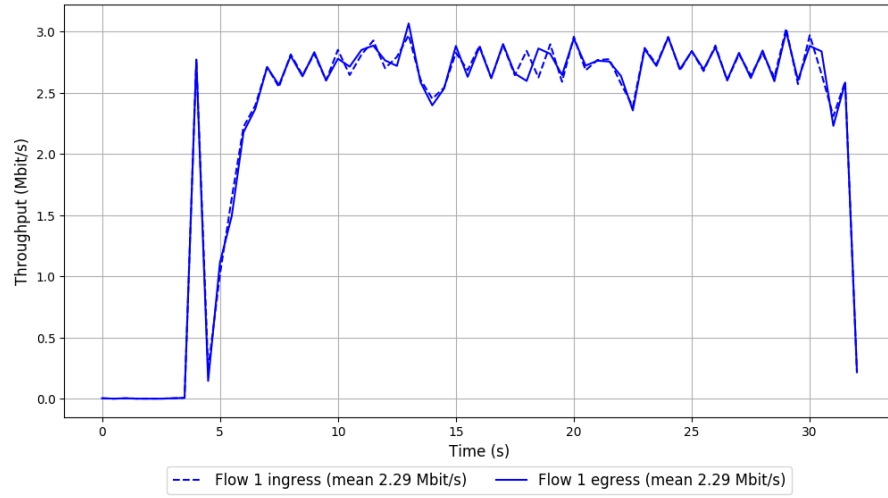


Run 4: Statistics of WebRTC media

Start at: 2017-08-29 08:49:15
End at: 2017-08-29 08:49:45
Local clock offset: -2.232 ms
Remote clock offset: -30.985 ms

Below is generated by plot.py at 2017-08-29 15:51:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 44.474 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 44.474 ms
Loss rate: 0.15%

Run 4: Report of WebRTC media — Data Link

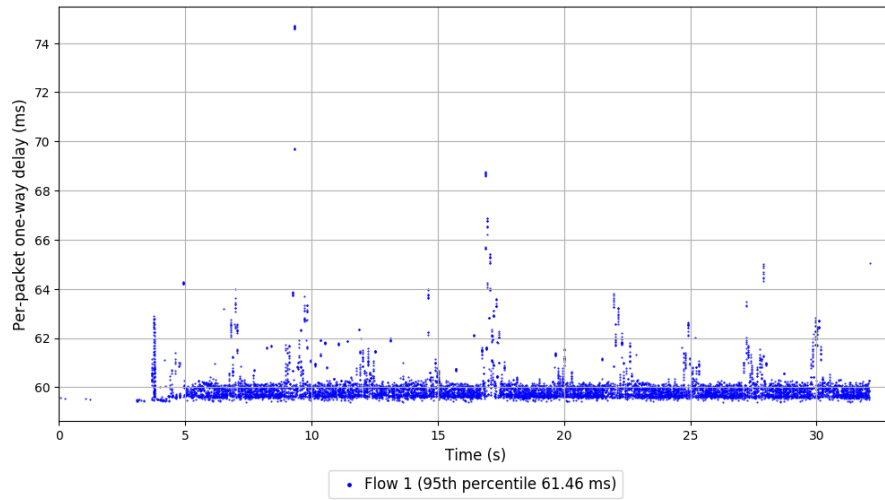
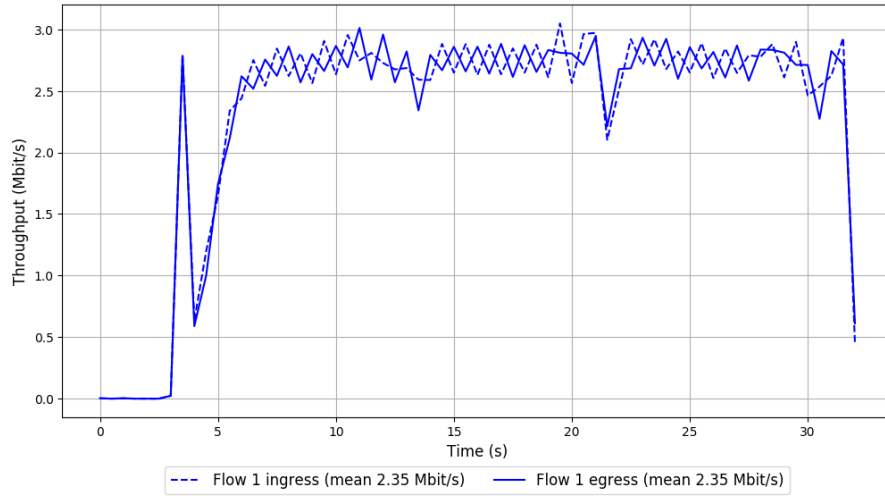


Run 5: Statistics of WebRTC media

Start at: 2017-08-29 09:08:53
End at: 2017-08-29 09:09:23
Local clock offset: -1.857 ms
Remote clock offset: -45.655 ms

Below is generated by plot.py at 2017-08-29 15:51:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 61.460 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 61.460 ms
Loss rate: 0.18%

Run 5: Report of WebRTC media — Data Link

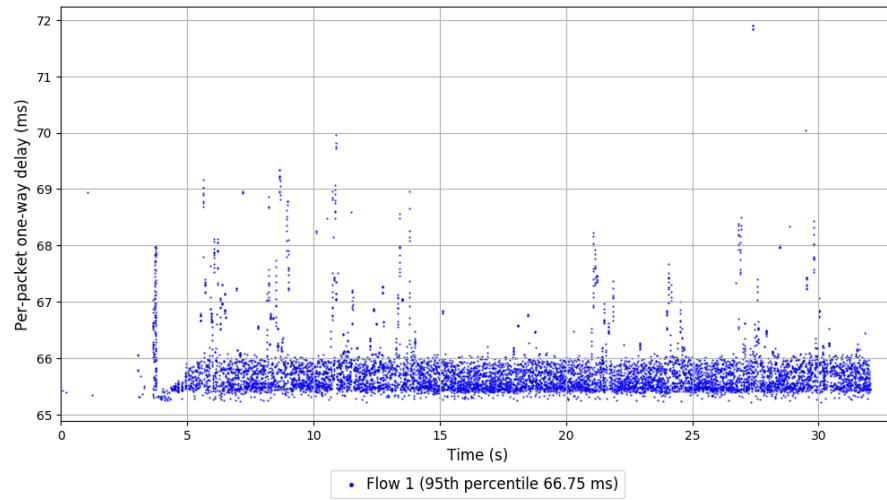
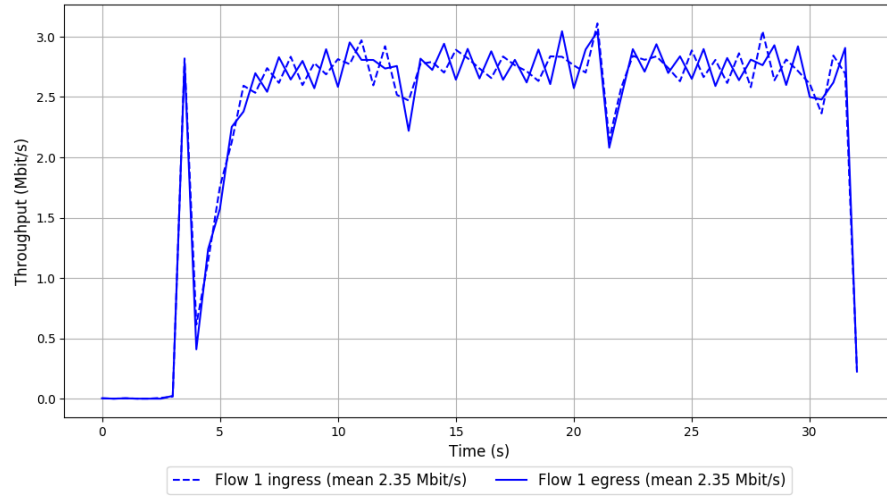


Run 6: Statistics of WebRTC media

Start at: 2017-08-29 09:31:04
End at: 2017-08-29 09:31:34
Local clock offset: -1.209 ms
Remote clock offset: -49.281 ms

Below is generated by plot.py at 2017-08-29 15:51:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 66.746 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 66.746 ms
Loss rate: 0.15%

Run 6: Report of WebRTC media — Data Link

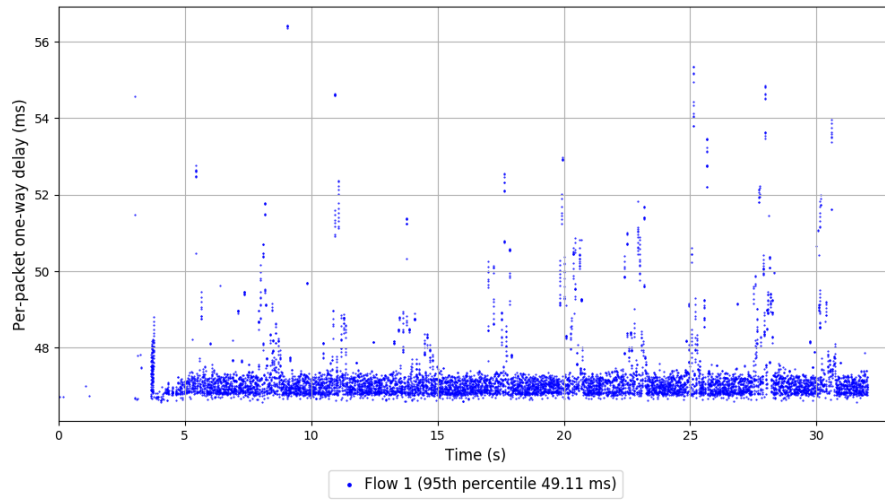
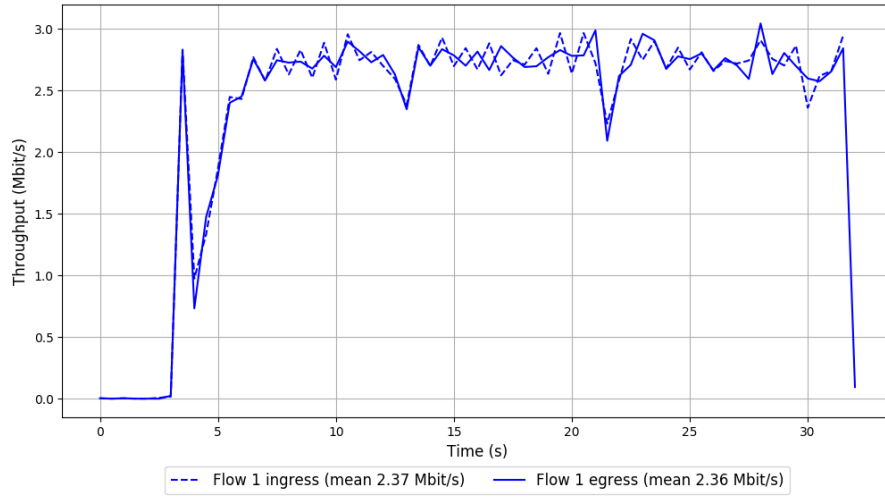


Run 7: Statistics of WebRTC media

Start at: 2017-08-29 09:53:44
End at: 2017-08-29 09:54:14
Local clock offset: -1.778 ms
Remote clock offset: -31.783 ms

Below is generated by plot.py at 2017-08-29 15:51:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 49.110 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 49.110 ms
Loss rate: 0.15%

Run 7: Report of WebRTC media — Data Link

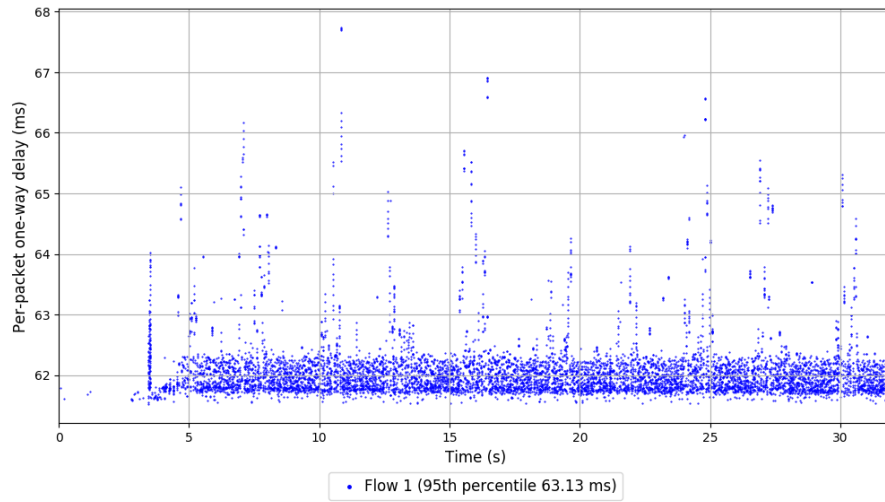
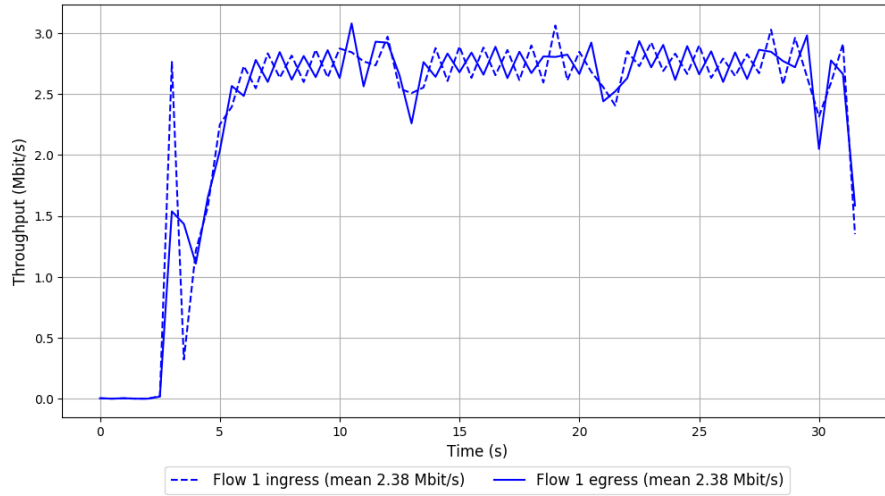


Run 8: Statistics of WebRTC media

Start at: 2017-08-29 10:15:10
End at: 2017-08-29 10:15:40
Local clock offset: 0.537 ms
Remote clock offset: -44.966 ms

Below is generated by plot.py at 2017-08-29 15:51:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 63.131 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 63.131 ms
Loss rate: 0.15%

Run 8: Report of WebRTC media — Data Link

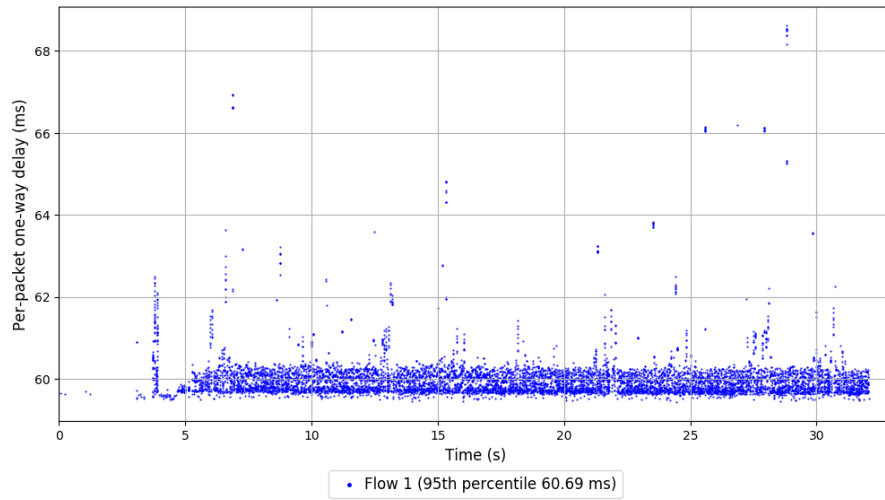
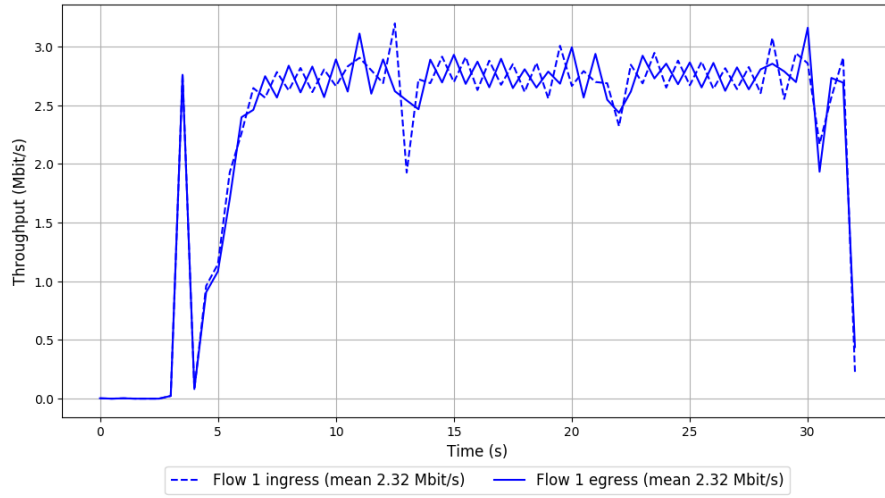


Run 9: Statistics of WebRTC media

Start at: 2017-08-29 10:37:55
End at: 2017-08-29 10:38:25
Local clock offset: -0.146 ms
Remote clock offset: -47.092 ms

Below is generated by plot.py at 2017-08-29 15:51:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 60.691 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 60.691 ms
Loss rate: 0.15%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-08-29 10:59:38
End at: 2017-08-29 11:00:08
Local clock offset: 0.353 ms
Remote clock offset: -47.171 ms

Below is generated by plot.py at 2017-08-29 15:51:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 60.732 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 60.732 ms
Loss rate: 0.14%

Run 10: Report of WebRTC media — Data Link

