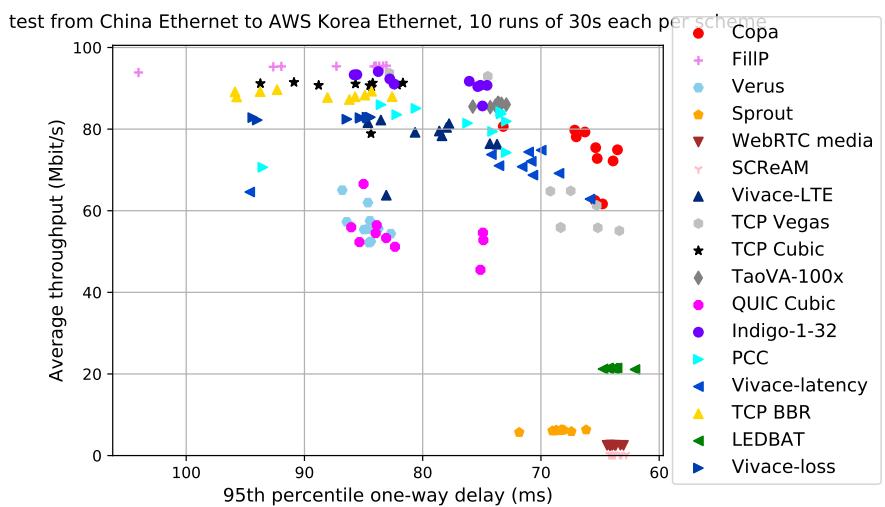
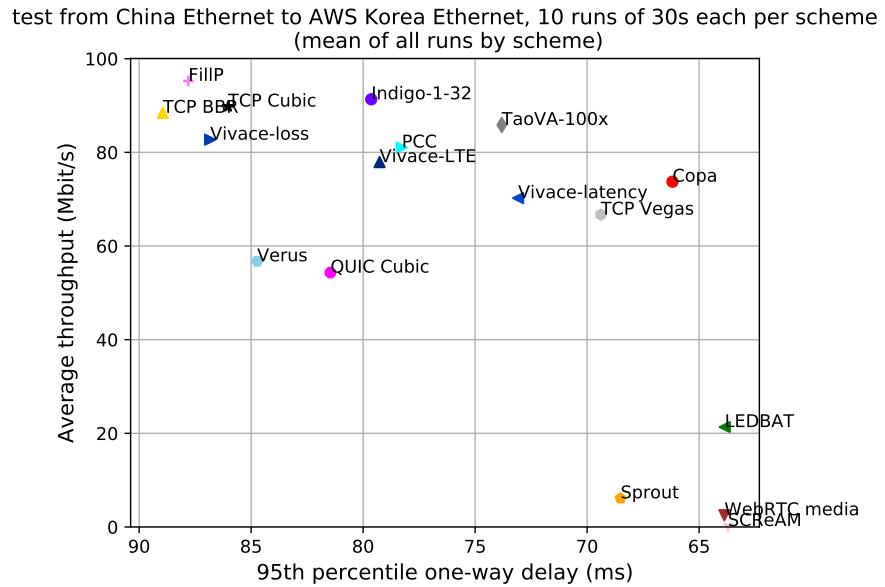


Pantheon Report

Generated at 2018-03-15 05:06:21 (UTC).
Data path: China Ethernet (*remote*) → AWS Korea Ethernet (*local*).
Repeated the test of 17 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 `ntp.nict.jp` and have been applied to correct the timestamps in logs.

Git summary:
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ 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/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42



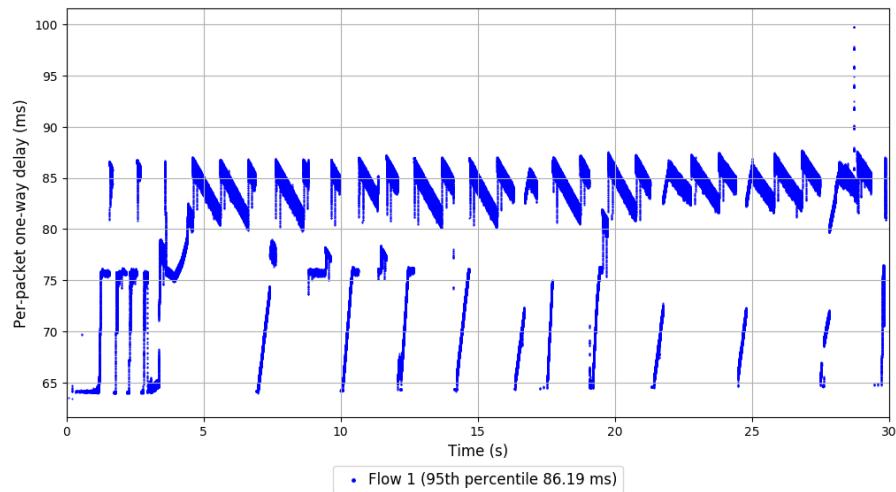
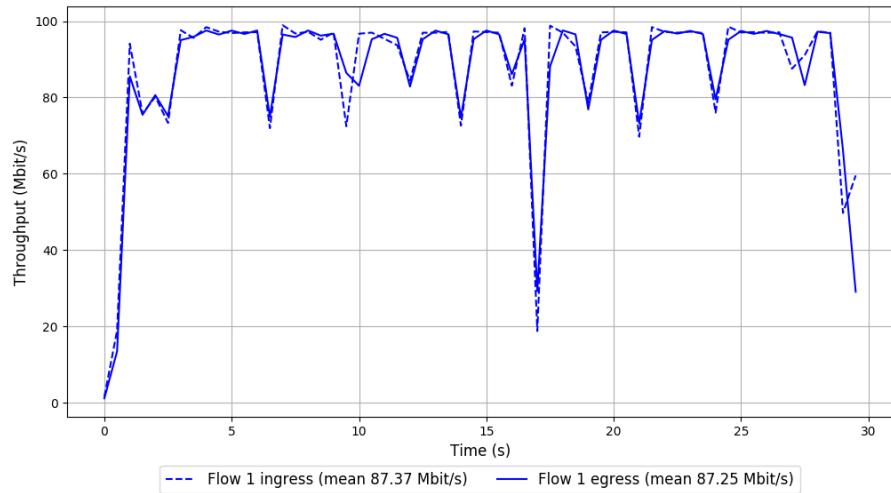
| scheme | # runs | mean avg tput (Mbit/s) flow 1 | mean 95th-%ile delay (ms) flow 1 | mean loss rate (%) flow 1 |
|----------------|--------|----------------------------------|-------------------------------------|------------------------------|
| TCP BBR | 10 | 88.44 | 88.94 | 0.52 |
| TCP Cubic | 10 | 89.78 | 86.03 | 0.49 |
| LEDBAT | 10 | 21.33 | 63.86 | 0.86 |
| PCC | 10 | 81.03 | 78.27 | 0.50 |
| QUIC Cubic | 10 | 54.32 | 81.46 | 0.72 |
| SCReAM | 10 | 0.22 | 63.71 | 0.39 |
| WebRTC media | 10 | 2.51 | 63.87 | 0.53 |
| Sprout | 9 | 6.12 | 68.51 | 0.48 |
| TaoVA-100x | 10 | 85.85 | 73.81 | 1.13 |
| TCP Vegas | 9 | 66.70 | 69.39 | 0.44 |
| Verus | 10 | 56.74 | 84.73 | 0.57 |
| Copa | 10 | 73.73 | 66.19 | 0.46 |
| FillP | 10 | 95.25 | 87.80 | 0.54 |
| Indigo-1-32 | 10 | 91.34 | 79.64 | 0.47 |
| Vivace-latency | 10 | 70.23 | 73.08 | 0.55 |
| Vivace-loss | 10 | 82.71 | 86.83 | 0.63 |
| Vivace-LTE | 10 | 77.92 | 79.26 | 0.54 |

Run 1: Statistics of TCP BBR

```
Start at: 2018-03-14 20:50:26
End at: 2018-03-14 20:50:56
Local clock offset: -5.434 ms
Remote clock offset: -0.739 ms

# Below is generated by plot.py at 2018-03-15 04:44:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 86.195 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 86.195 ms
Loss rate: 0.58%
```

Run 1: Report of TCP BBR — Data Link

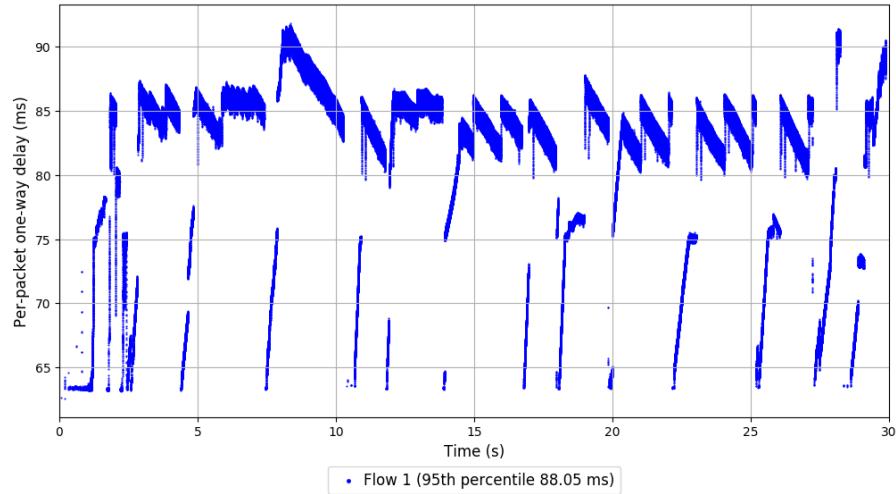
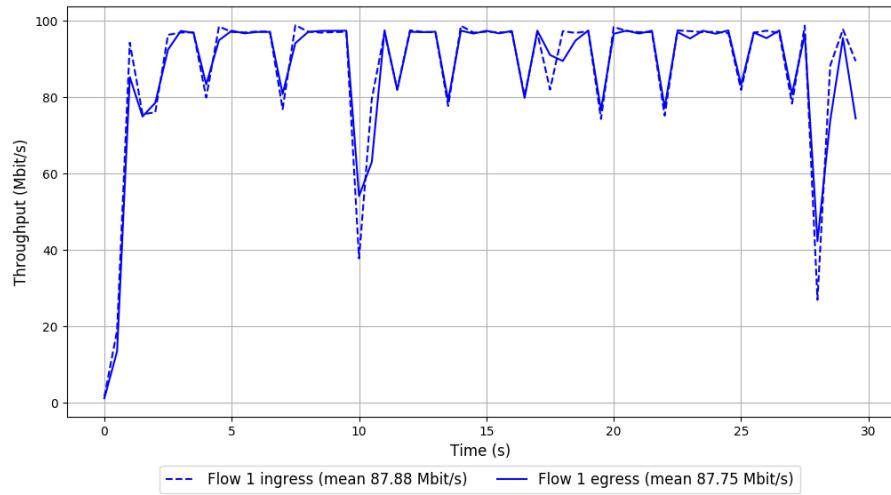


Run 2: Statistics of TCP BBR

```
Start at: 2018-03-14 21:13:43
End at: 2018-03-14 21:14:13
Local clock offset: -9.231 ms
Remote clock offset: -3.628 ms

# Below is generated by plot.py at 2018-03-15 04:44:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.75 Mbit/s
95th percentile per-packet one-way delay: 88.051 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 87.75 Mbit/s
95th percentile per-packet one-way delay: 88.051 ms
Loss rate: 0.60%
```

Run 2: Report of TCP BBR — Data Link

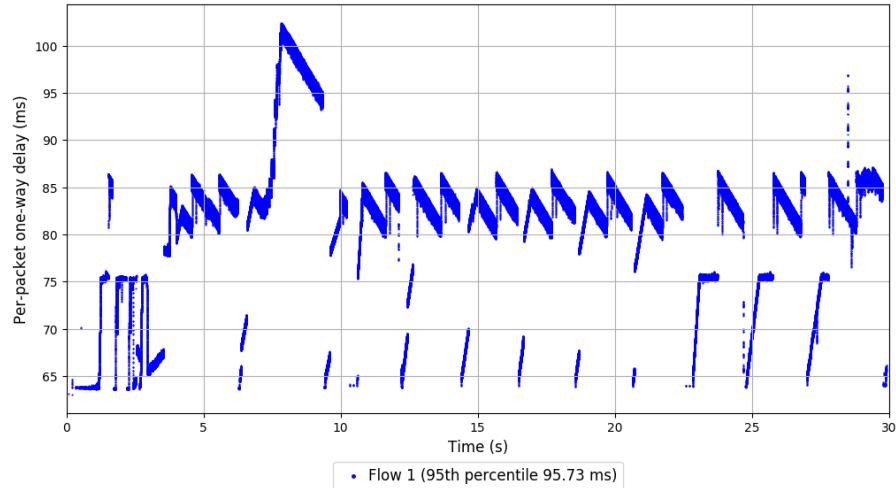
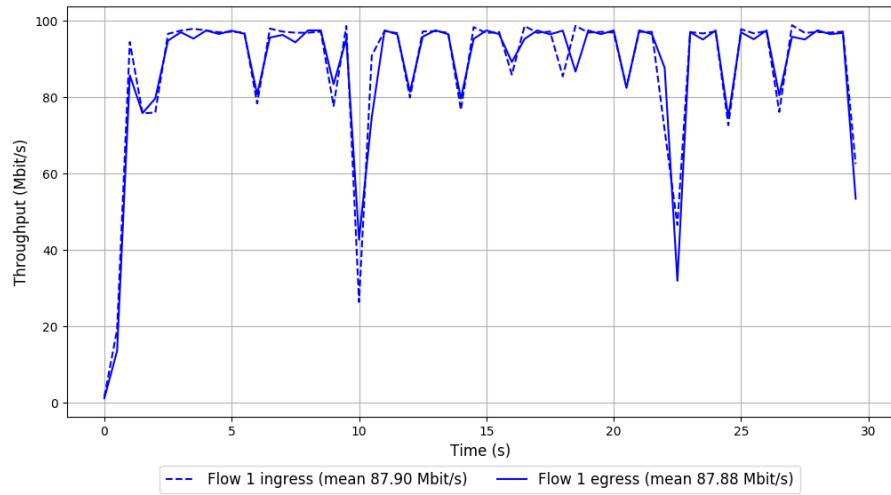


Run 3: Statistics of TCP BBR

```
Start at: 2018-03-14 21:37:37
End at: 2018-03-14 21:38:08
Local clock offset: -7.16 ms
Remote clock offset: -2.005 ms

# Below is generated by plot.py at 2018-03-15 04:44:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.88 Mbit/s
95th percentile per-packet one-way delay: 95.735 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 87.88 Mbit/s
95th percentile per-packet one-way delay: 95.735 ms
Loss rate: 0.49%
```

Run 3: Report of TCP BBR — Data Link

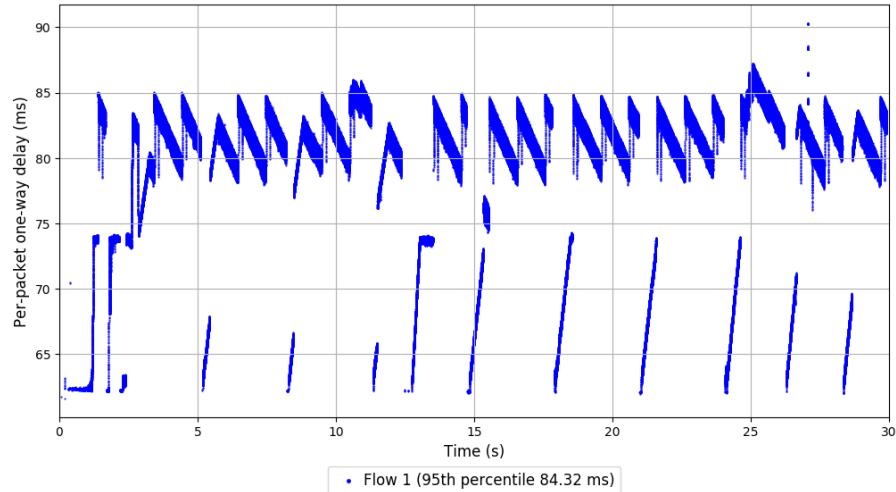
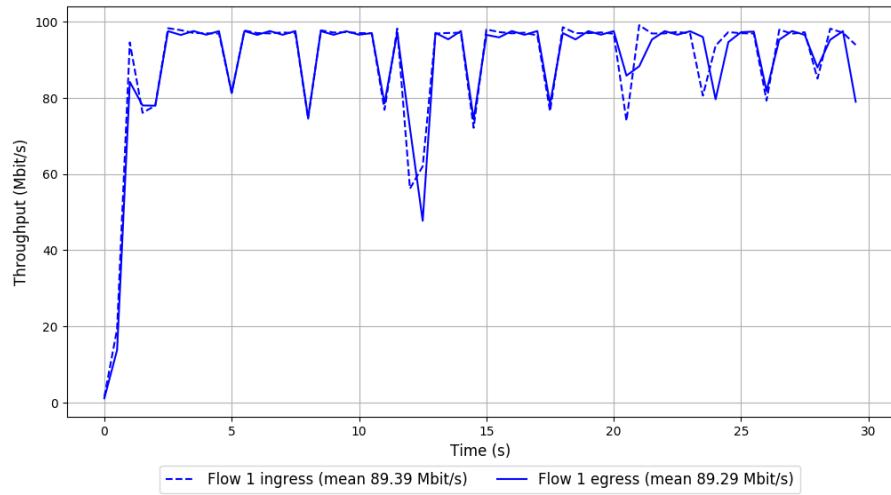


Run 4: Statistics of TCP BBR

```
Start at: 2018-03-14 22:01:01
End at: 2018-03-14 22:01:31
Local clock offset: -1.355 ms
Remote clock offset: 1.077 ms

# Below is generated by plot.py at 2018-03-15 04:44:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.29 Mbit/s
95th percentile per-packet one-way delay: 84.322 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 89.29 Mbit/s
95th percentile per-packet one-way delay: 84.322 ms
Loss rate: 0.57%
```

Run 4: Report of TCP BBR — Data Link

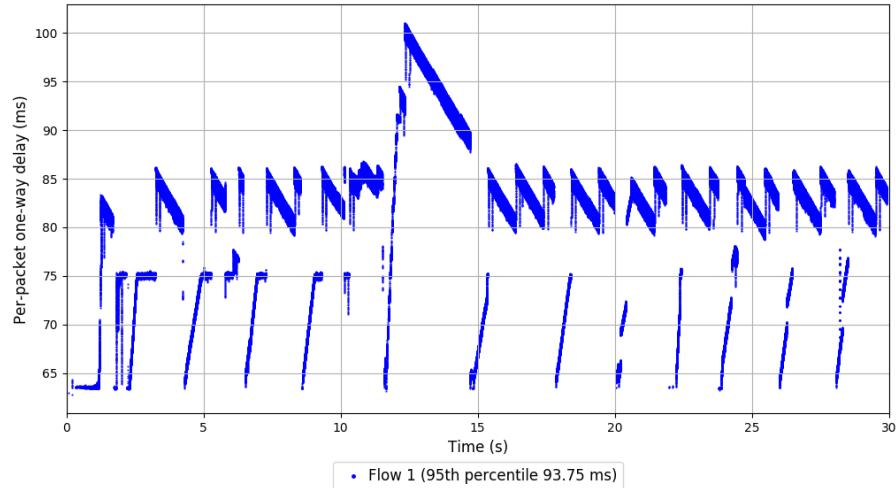
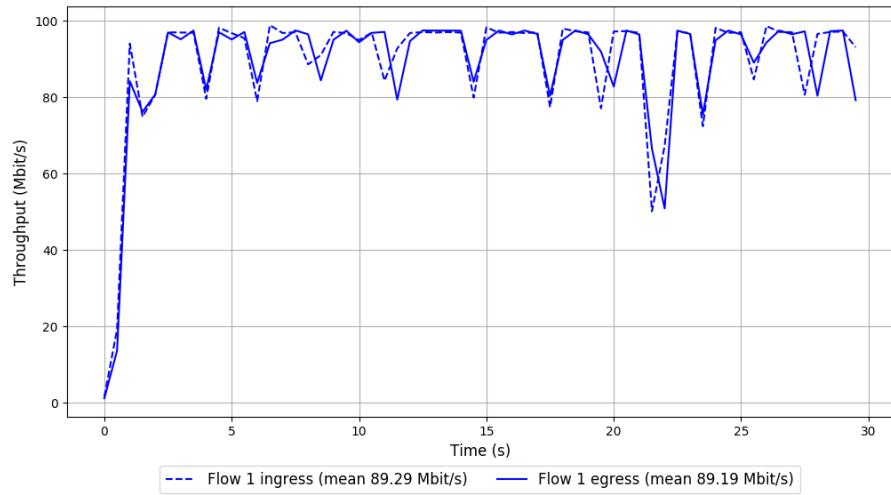


Run 5: Statistics of TCP BBR

```
Start at: 2018-03-14 22:24:26
End at: 2018-03-14 22:24:56
Local clock offset: 1.298 ms
Remote clock offset: -7.588 ms

# Below is generated by plot.py at 2018-03-15 04:44:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.19 Mbit/s
95th percentile per-packet one-way delay: 93.748 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 89.19 Mbit/s
95th percentile per-packet one-way delay: 93.748 ms
Loss rate: 0.55%
```

Run 5: Report of TCP BBR — Data Link

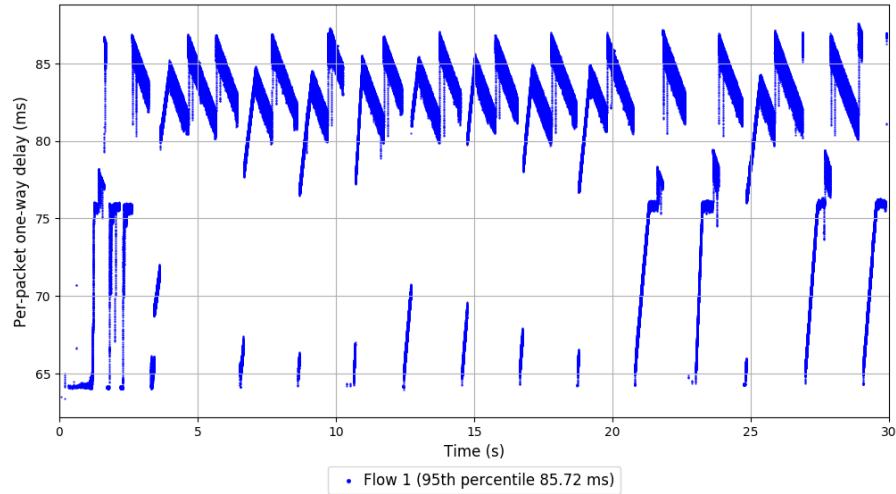
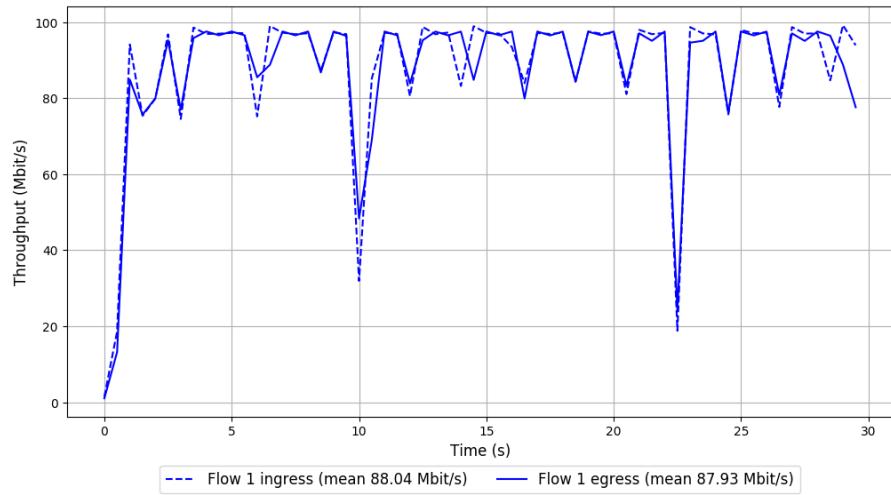


Run 6: Statistics of TCP BBR

```
Start at: 2018-03-14 22:47:44
End at: 2018-03-14 22:48:14
Local clock offset: -1.484 ms
Remote clock offset: -3.519 ms

# Below is generated by plot.py at 2018-03-15 04:44:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.93 Mbit/s
95th percentile per-packet one-way delay: 85.716 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 87.93 Mbit/s
95th percentile per-packet one-way delay: 85.716 ms
Loss rate: 0.59%
```

Run 6: Report of TCP BBR — Data Link

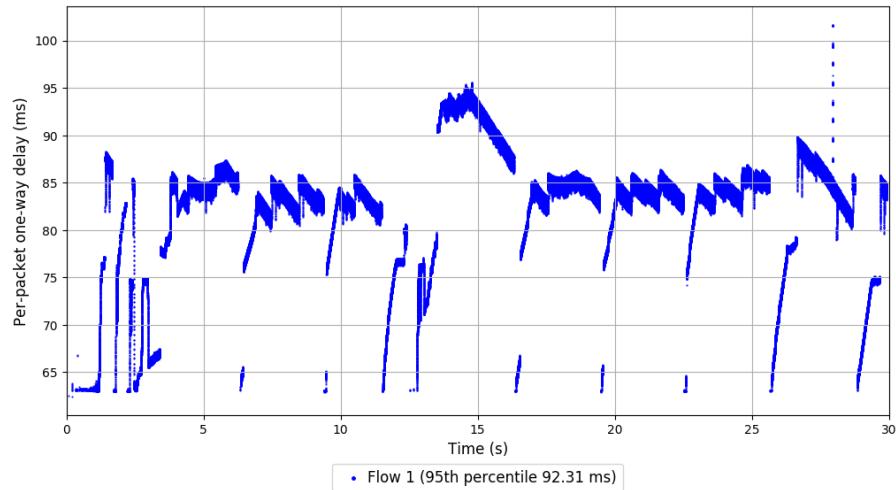
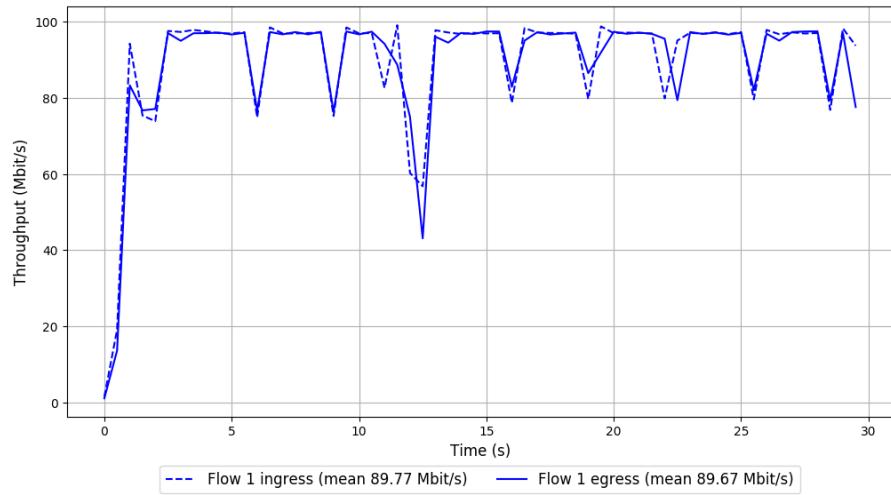


Run 7: Statistics of TCP BBR

```
Start at: 2018-03-14 23:11:01
End at: 2018-03-14 23:11:31
Local clock offset: 1.492 ms
Remote clock offset: 1.577 ms

# Below is generated by plot.py at 2018-03-15 04:44:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 92.310 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 92.310 ms
Loss rate: 0.57%
```

Run 7: Report of TCP BBR — Data Link

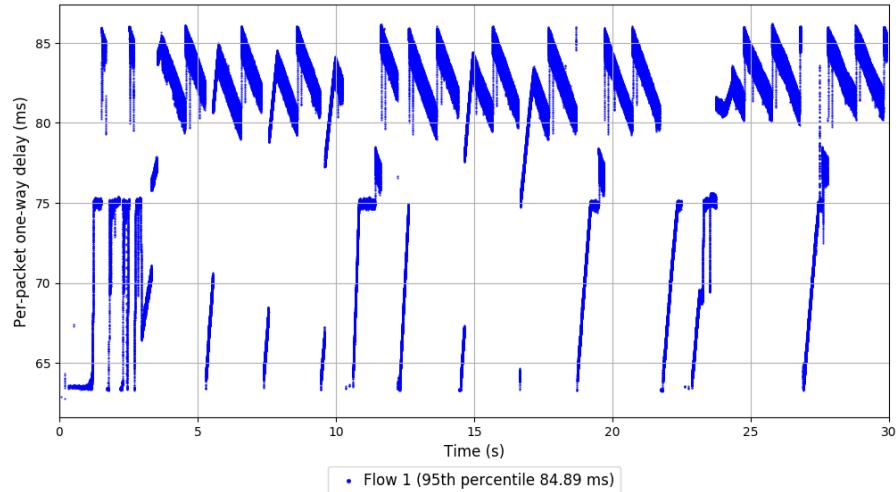
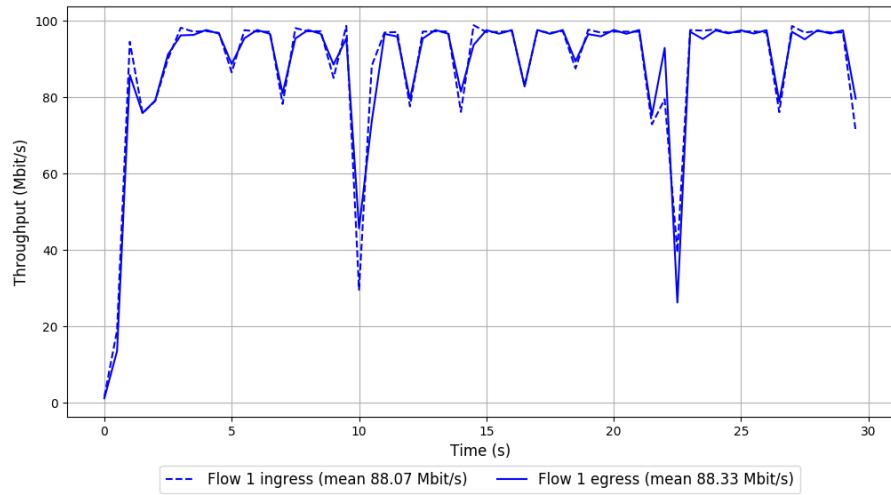


Run 8: Statistics of TCP BBR

```
Start at: 2018-03-14 23:34:20
End at: 2018-03-14 23:34:50
Local clock offset: 2.52 ms
Remote clock offset: 0.009 ms

# Below is generated by plot.py at 2018-03-15 04:44:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 84.889 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 84.889 ms
Loss rate: 0.14%
```

Run 8: Report of TCP BBR — Data Link

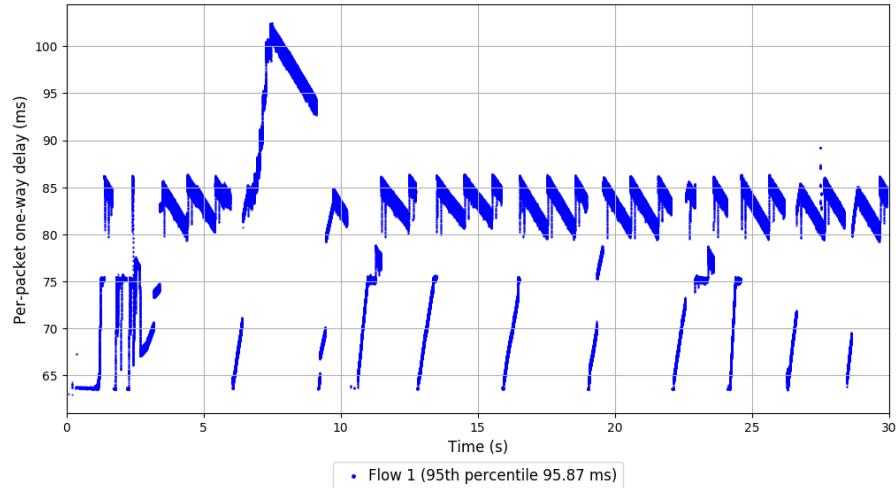
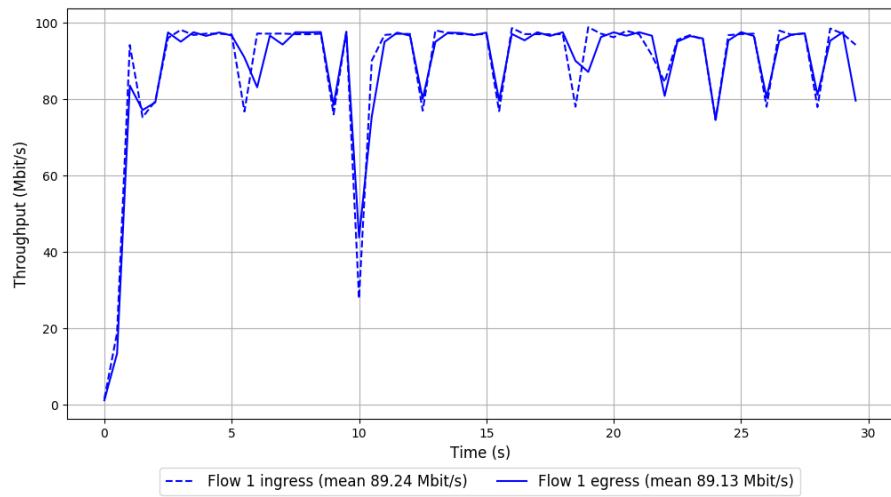


Run 9: Statistics of TCP BBR

```
Start at: 2018-03-14 23:57:38
End at: 2018-03-14 23:58:08
Local clock offset: 4.967 ms
Remote clock offset: 0.098 ms

# Below is generated by plot.py at 2018-03-15 04:46:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.13 Mbit/s
95th percentile per-packet one-way delay: 95.874 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 89.13 Mbit/s
95th percentile per-packet one-way delay: 95.874 ms
Loss rate: 0.57%
```

Run 9: Report of TCP BBR — Data Link

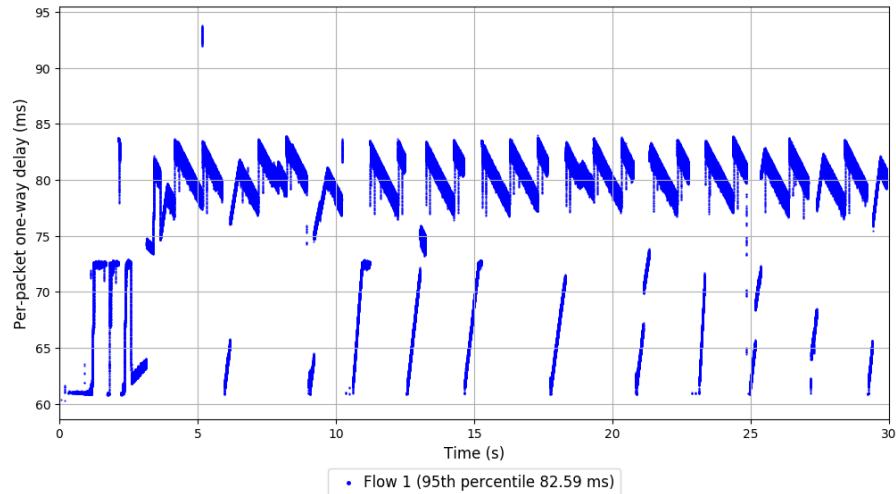
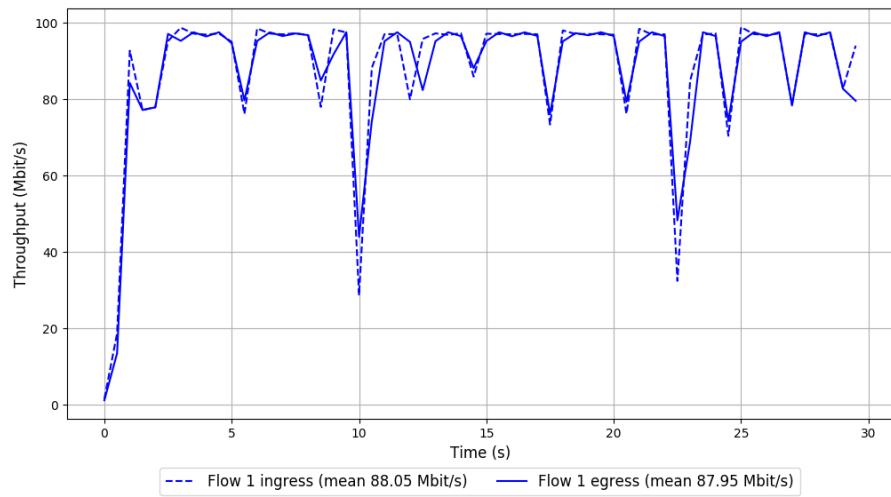


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2018-03-15 00:20:54
End at: 2018-03-15 00:21:24
Local clock offset: 2.786 ms
Remote clock offset: 0.518 ms

# Below is generated by plot.py at 2018-03-15 04:46:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.95 Mbit/s
95th percentile per-packet one-way delay: 82.586 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 87.95 Mbit/s
95th percentile per-packet one-way delay: 82.586 ms
Loss rate: 0.57%
```

Run 10: Report of TCP BBR — Data Link

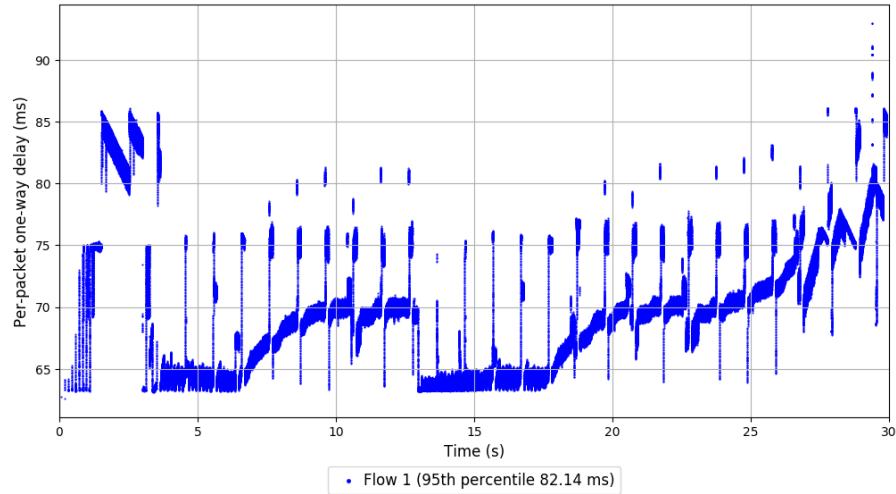
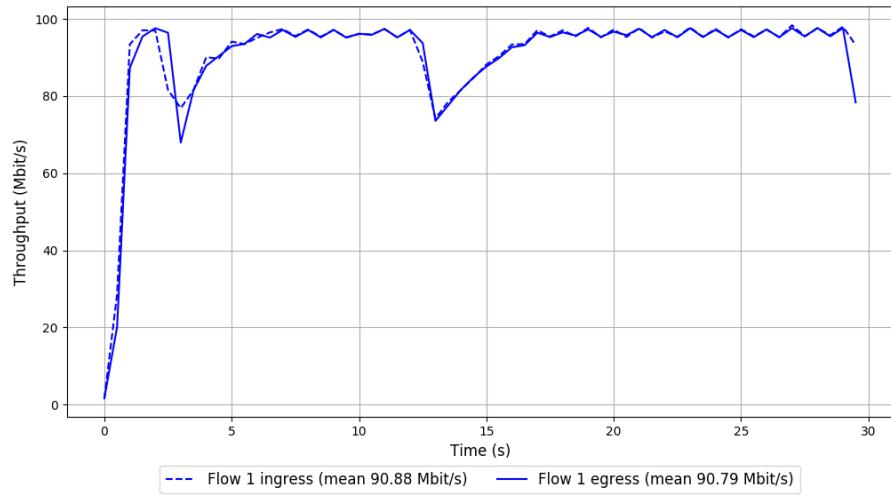


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-03-14 20:55:18
End at: 2018-03-14 20:55:48
Local clock offset: -2.008 ms
Remote clock offset: -0.695 ms

# Below is generated by plot.py at 2018-03-15 04:46:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.79 Mbit/s
95th percentile per-packet one-way delay: 82.142 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 90.79 Mbit/s
95th percentile per-packet one-way delay: 82.142 ms
Loss rate: 0.56%
```

Run 1: Report of TCP Cubic — Data Link

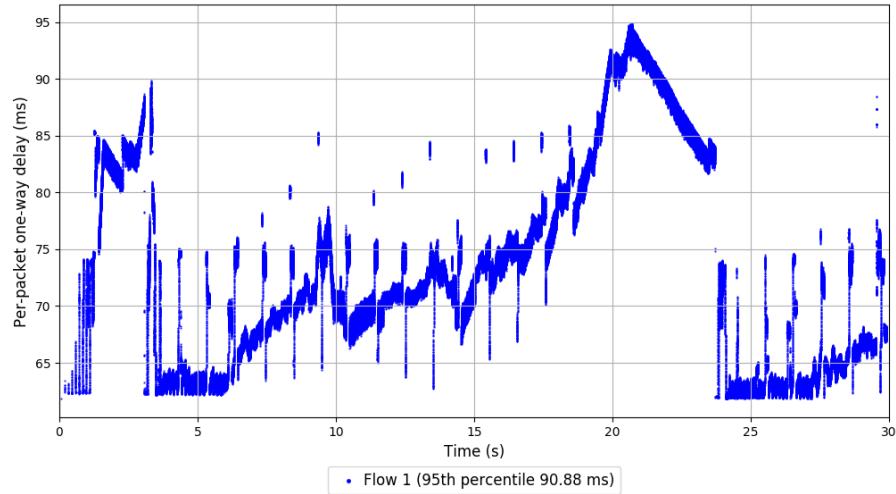
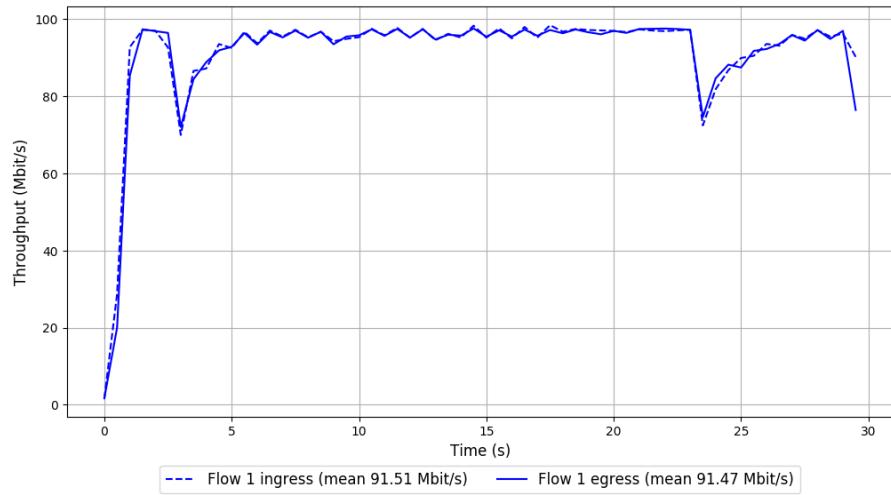


Run 2: Statistics of TCP Cubic

```
Start at: 2018-03-14 21:18:36
End at: 2018-03-14 21:19:06
Local clock offset: -9.692 ms
Remote clock offset: -3.989 ms

# Below is generated by plot.py at 2018-03-15 04:46:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.47 Mbit/s
95th percentile per-packet one-way delay: 90.884 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 91.47 Mbit/s
95th percentile per-packet one-way delay: 90.884 ms
Loss rate: 0.48%
```

Run 2: Report of TCP Cubic — Data Link

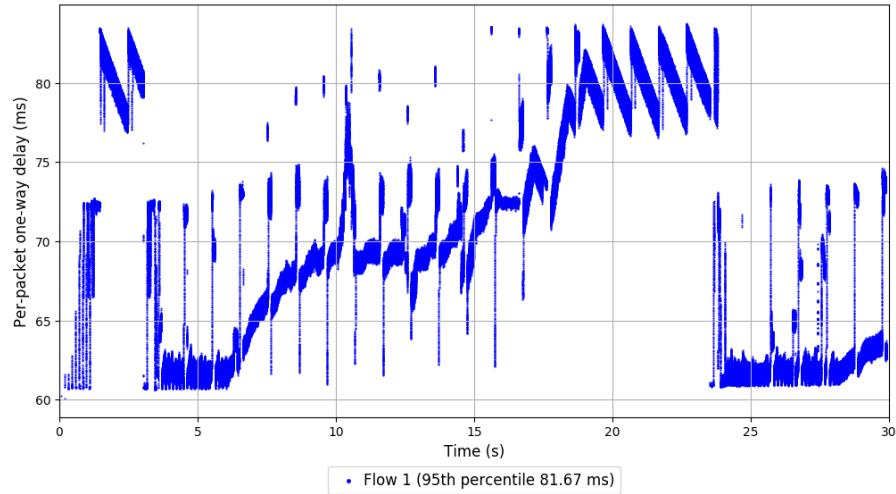
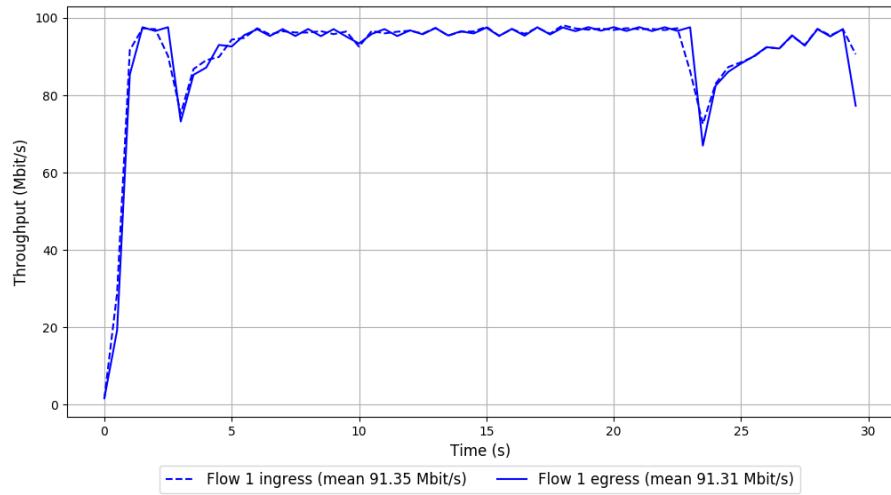


Run 3: Statistics of TCP Cubic

```
Start at: 2018-03-14 21:42:34
End at: 2018-03-14 21:43:05
Local clock offset: -11.697 ms
Remote clock offset: -0.865 ms

# Below is generated by plot.py at 2018-03-15 04:46:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.31 Mbit/s
95th percentile per-packet one-way delay: 81.673 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 91.31 Mbit/s
95th percentile per-packet one-way delay: 81.673 ms
Loss rate: 0.47%
```

Run 3: Report of TCP Cubic — Data Link

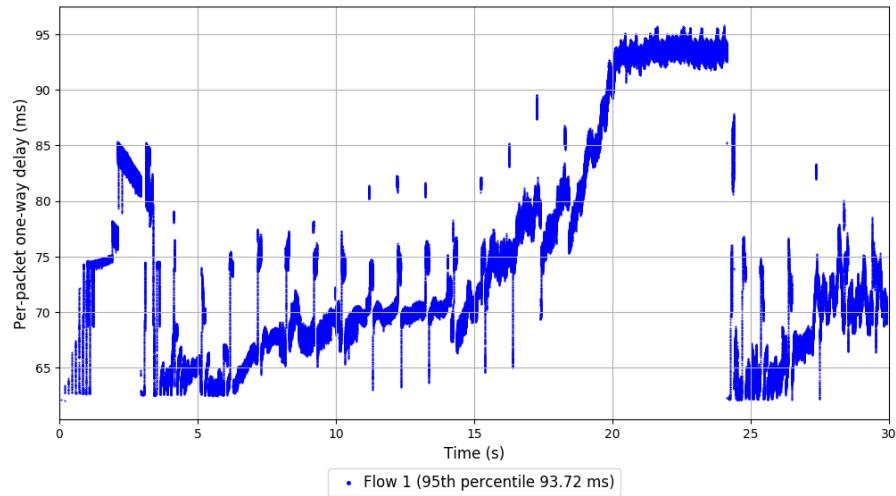
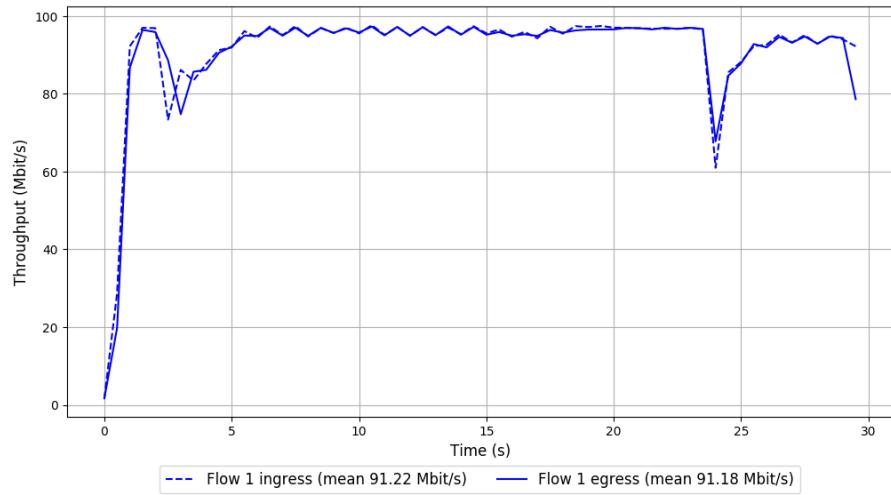


Run 4: Statistics of TCP Cubic

```
Start at: 2018-03-14 22:05:53
End at: 2018-03-14 22:06:23
Local clock offset: 1.064 ms
Remote clock offset: 0.77 ms

# Below is generated by plot.py at 2018-03-15 04:46:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.18 Mbit/s
95th percentile per-packet one-way delay: 93.724 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 91.18 Mbit/s
95th percentile per-packet one-way delay: 93.724 ms
Loss rate: 0.49%
```

Run 4: Report of TCP Cubic — Data Link

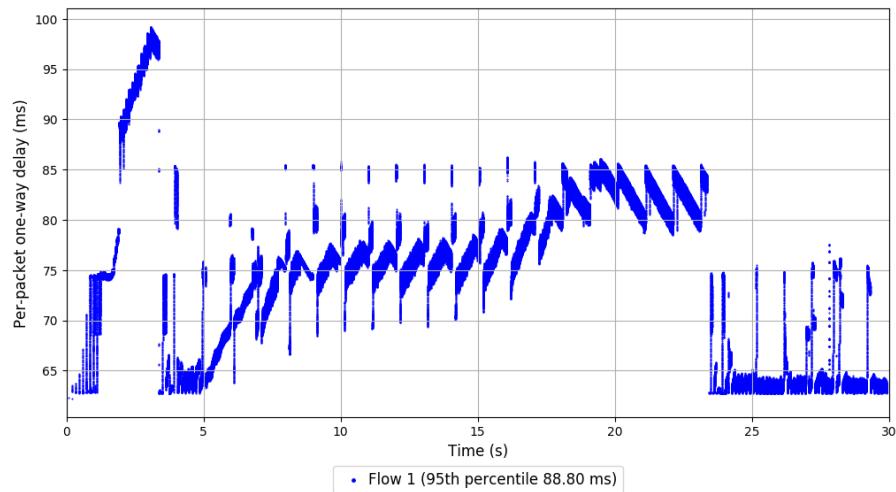
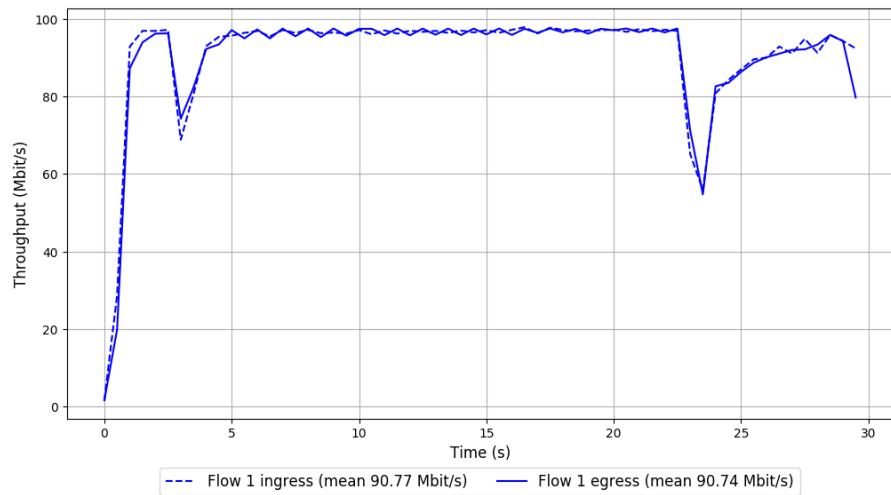


Run 5: Statistics of TCP Cubic

```
Start at: 2018-03-14 22:29:18
End at: 2018-03-14 22:29:48
Local clock offset: 0.109 ms
Remote clock offset: -8.275 ms

# Below is generated by plot.py at 2018-03-15 04:46:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 88.799 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 88.799 ms
Loss rate: 0.46%
```

Run 5: Report of TCP Cubic — Data Link

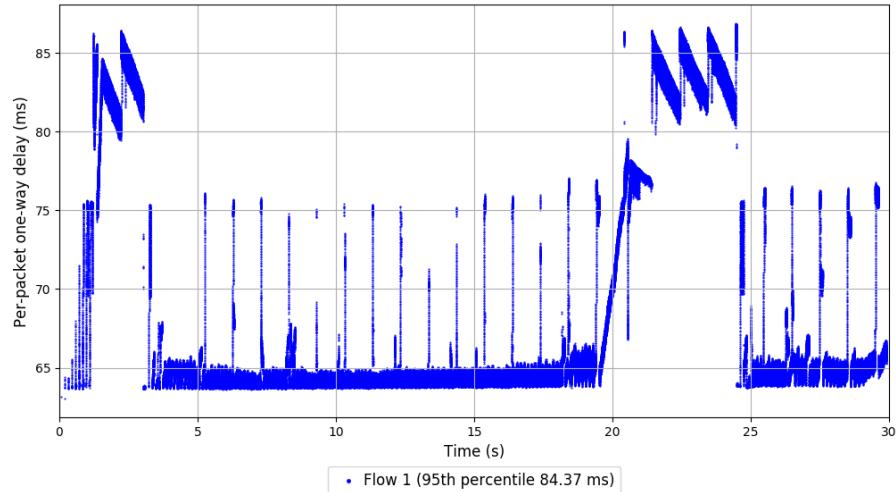
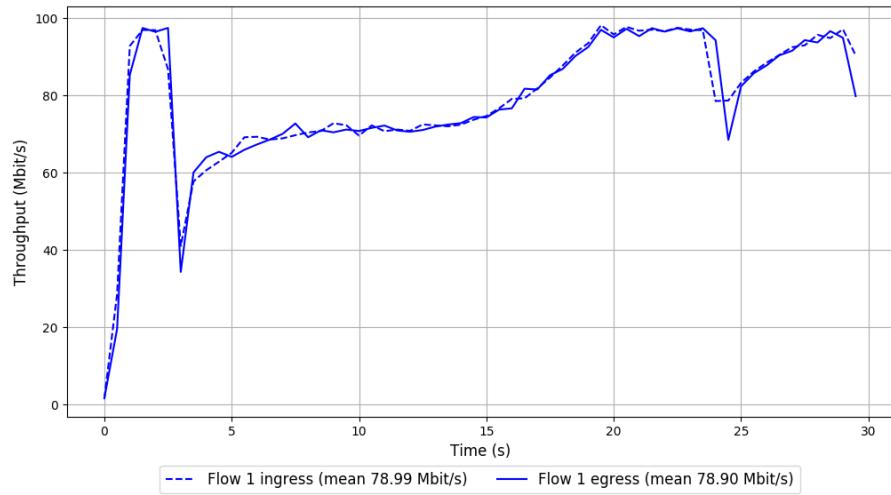


Run 6: Statistics of TCP Cubic

```
Start at: 2018-03-14 22:52:36
End at: 2018-03-14 22:53:06
Local clock offset: -2.28 ms
Remote clock offset: -1.768 ms

# Below is generated by plot.py at 2018-03-15 04:46:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.90 Mbit/s
95th percentile per-packet one-way delay: 84.372 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 78.90 Mbit/s
95th percentile per-packet one-way delay: 84.372 ms
Loss rate: 0.54%
```

Run 6: Report of TCP Cubic — Data Link

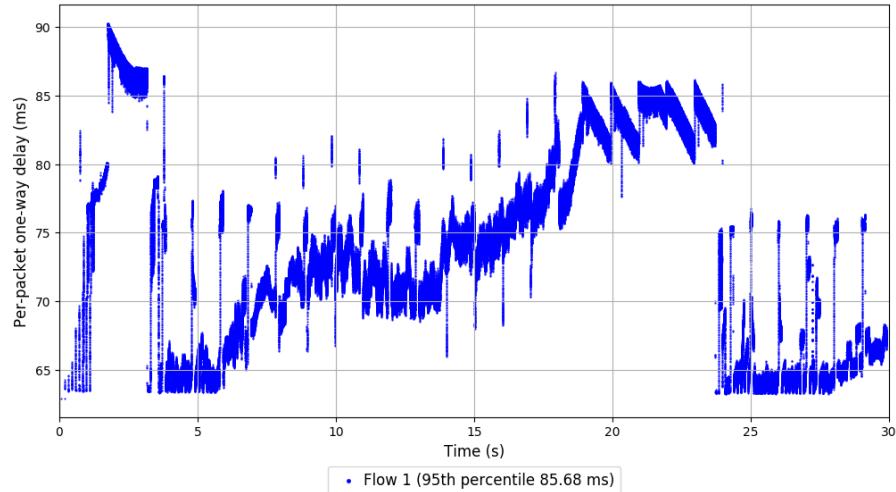
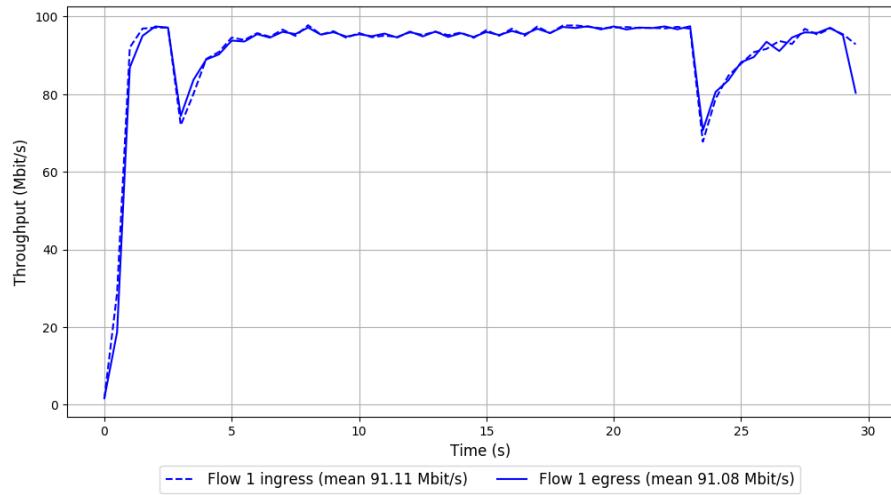


Run 7: Statistics of TCP Cubic

```
Start at: 2018-03-14 23:15:54
End at: 2018-03-14 23:16:24
Local clock offset: 2.181 ms
Remote clock offset: 1.208 ms

# Below is generated by plot.py at 2018-03-15 04:47:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.08 Mbit/s
95th percentile per-packet one-way delay: 85.679 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 91.08 Mbit/s
95th percentile per-packet one-way delay: 85.679 ms
Loss rate: 0.47%
```

Run 7: Report of TCP Cubic — Data Link

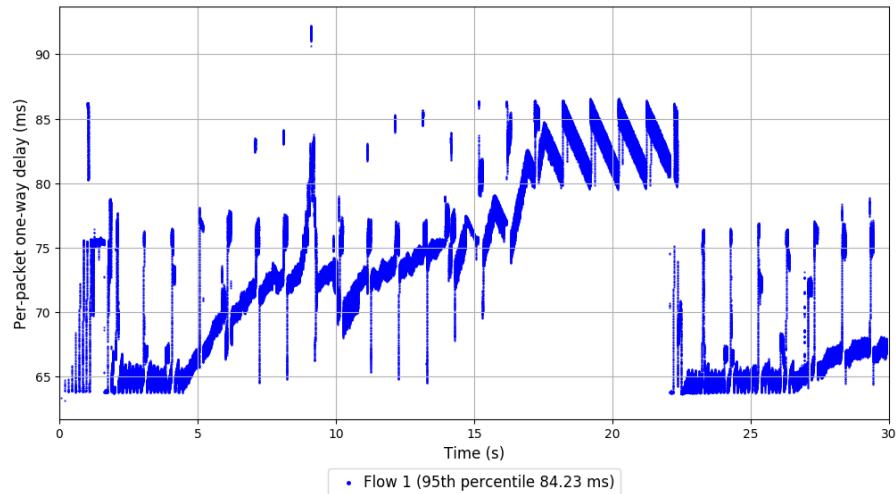
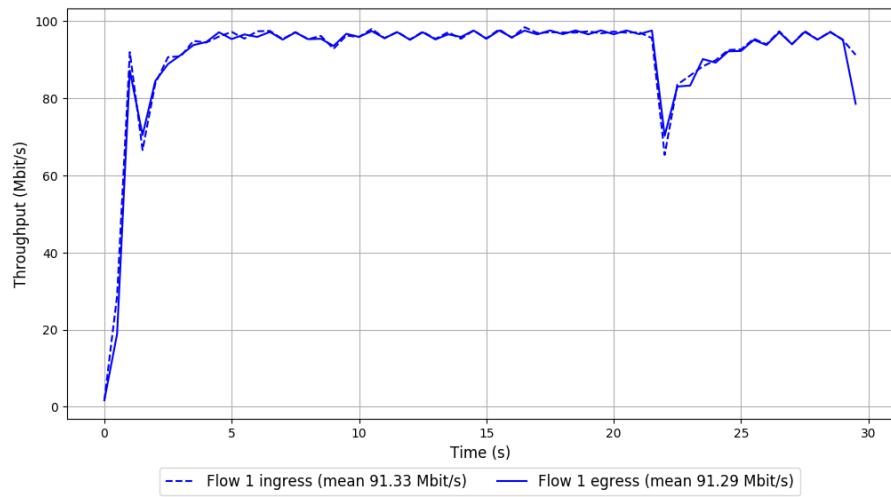


Run 8: Statistics of TCP Cubic

```
Start at: 2018-03-14 23:39:12
End at: 2018-03-14 23:39:42
Local clock offset: 3.596 ms
Remote clock offset: 0.06 ms

# Below is generated by plot.py at 2018-03-15 04:47:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 84.230 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 84.230 ms
Loss rate: 0.47%
```

Run 8: Report of TCP Cubic — Data Link

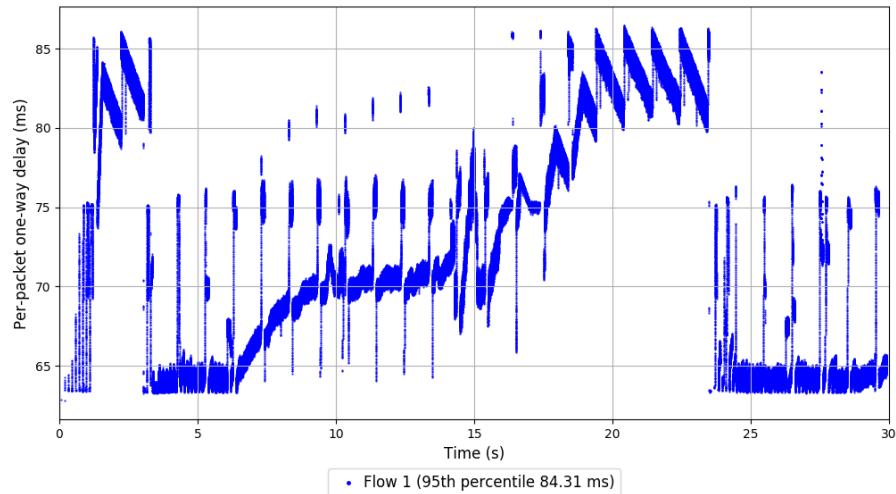
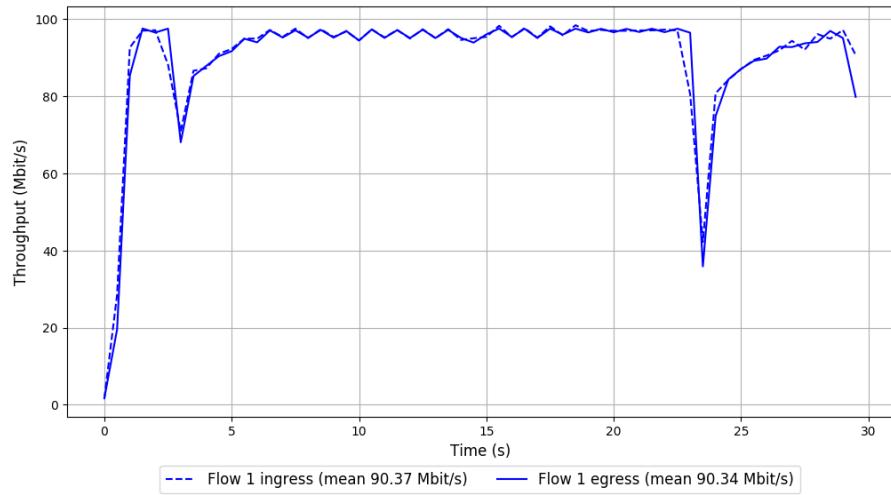


Run 9: Statistics of TCP Cubic

```
Start at: 2018-03-15 00:02:30
End at: 2018-03-15 00:03:00
Local clock offset: 4.986 ms
Remote clock offset: 0.127 ms

# Below is generated by plot.py at 2018-03-15 04:47:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.34 Mbit/s
95th percentile per-packet one-way delay: 84.311 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 90.34 Mbit/s
95th percentile per-packet one-way delay: 84.311 ms
Loss rate: 0.47%
```

Run 9: Report of TCP Cubic — Data Link

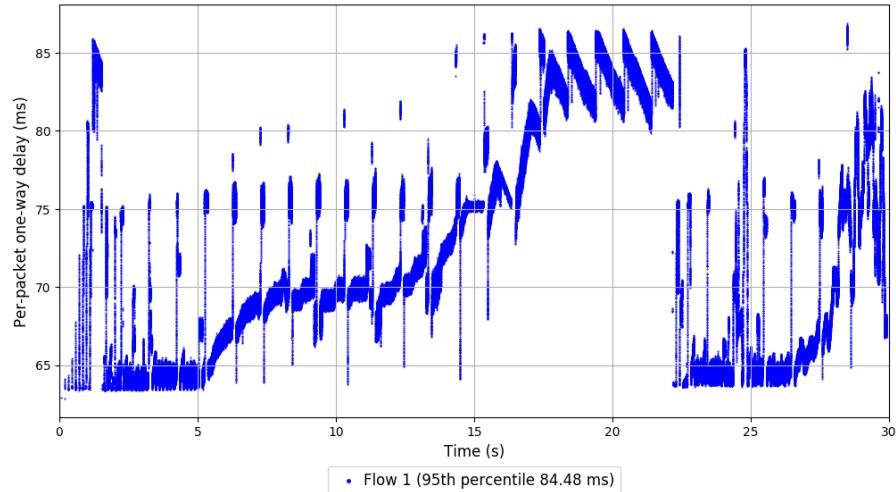
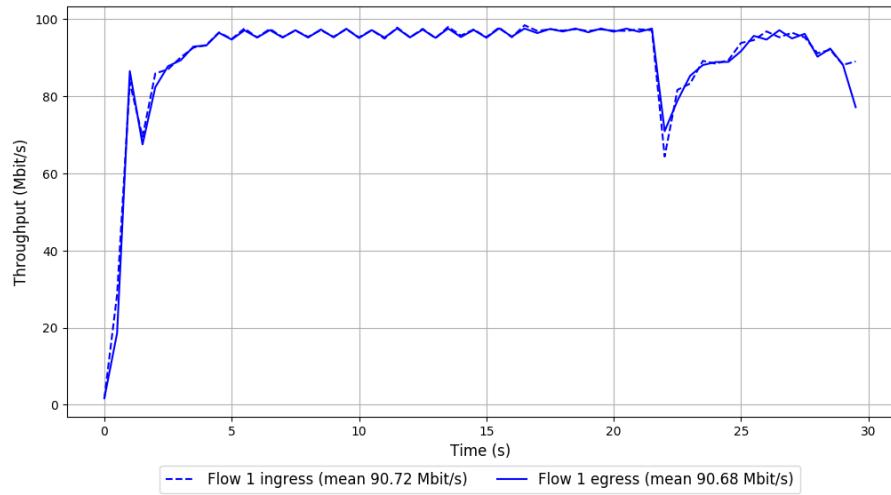


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-03-15 00:26:33
End at: 2018-03-15 00:27:03
Local clock offset: 5.628 ms
Remote clock offset: 4.742 ms

# Below is generated by plot.py at 2018-03-15 04:47:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 84.478 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 84.478 ms
Loss rate: 0.47%
```

Run 10: Report of TCP Cubic — Data Link

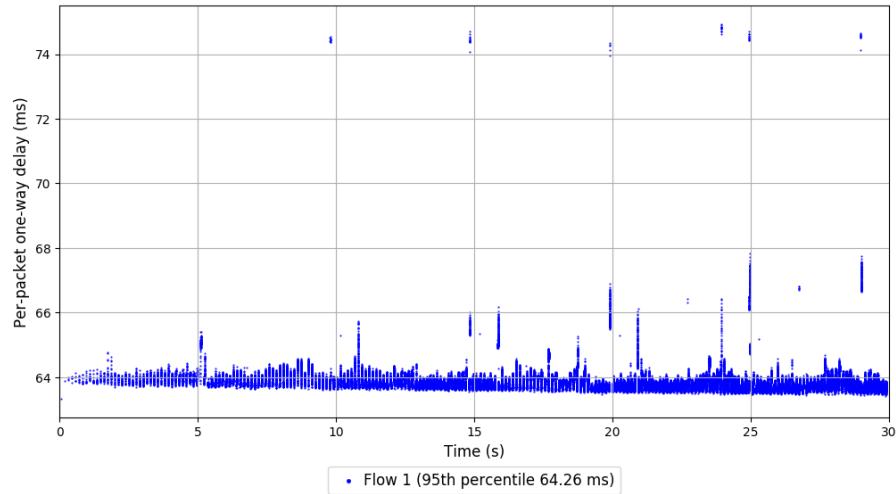
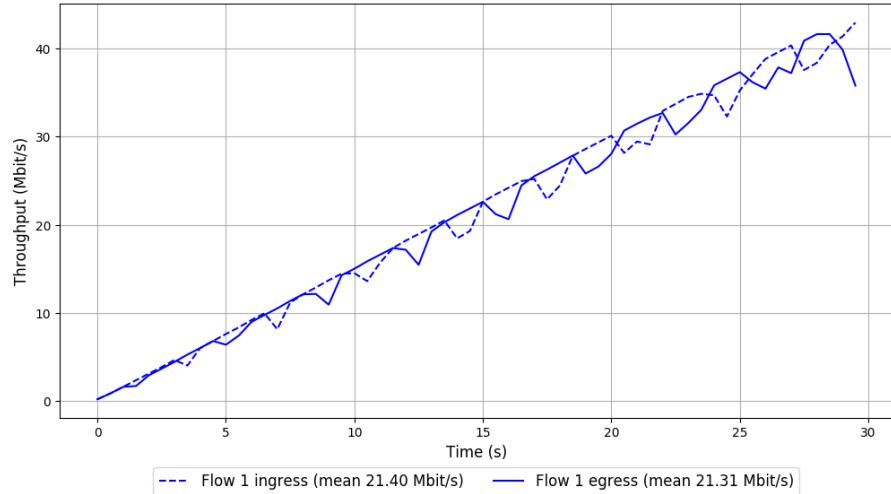


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-14 21:00:17
End at: 2018-03-14 21:00:47
Local clock offset: -4.261 ms
Remote clock offset: -1.779 ms

# Below is generated by plot.py at 2018-03-15 04:47:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.31 Mbit/s
95th percentile per-packet one-way delay: 64.257 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 21.31 Mbit/s
95th percentile per-packet one-way delay: 64.257 ms
Loss rate: 0.86%
```

Run 1: Report of LEDBAT — Data Link

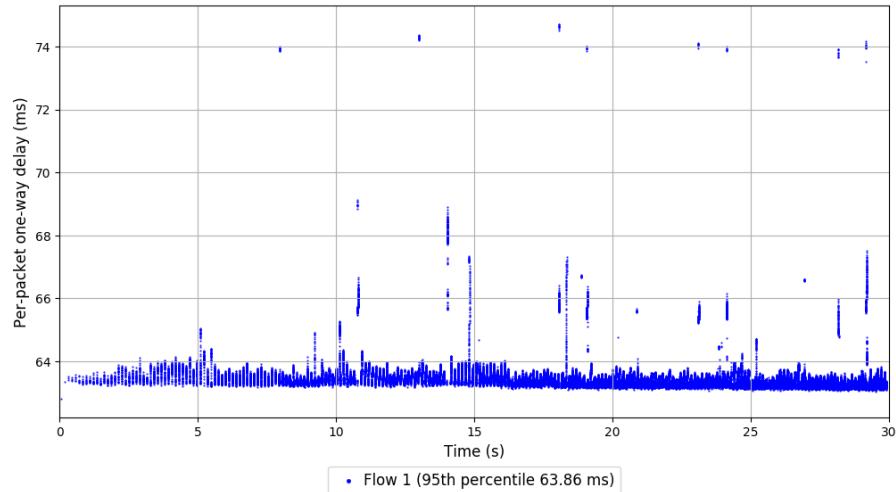
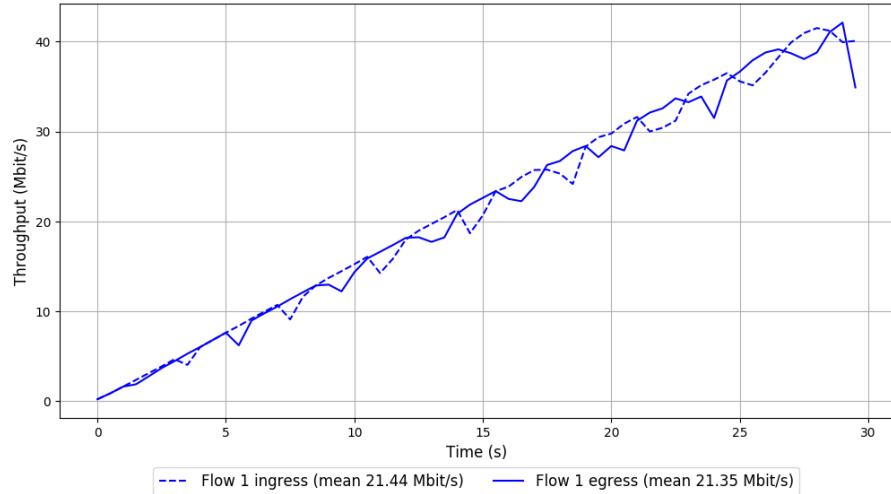


Run 2: Statistics of LEDBAT

```
Start at: 2018-03-14 21:23:35
End at: 2018-03-14 21:24:05
Local clock offset: -6.062 ms
Remote clock offset: -4.27 ms

# Below is generated by plot.py at 2018-03-15 04:47:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.35 Mbit/s
95th percentile per-packet one-way delay: 63.859 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 21.35 Mbit/s
95th percentile per-packet one-way delay: 63.859 ms
Loss rate: 0.86%
```

Run 2: Report of LEDBAT — Data Link

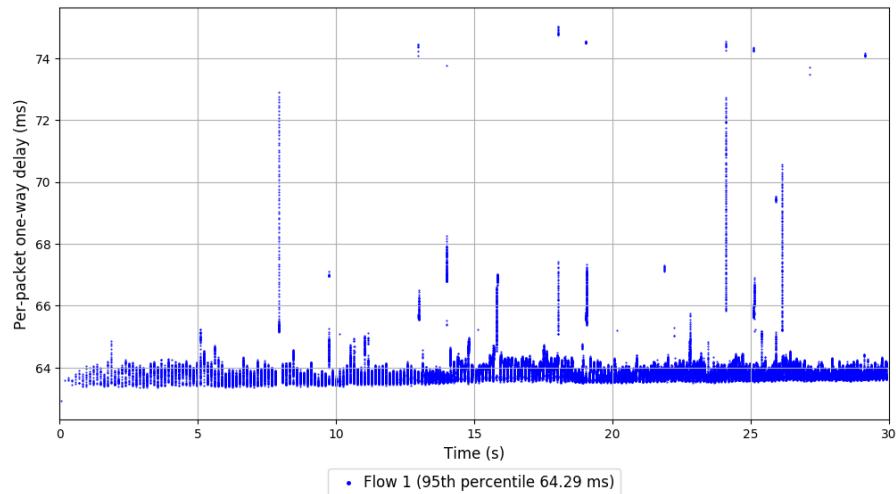
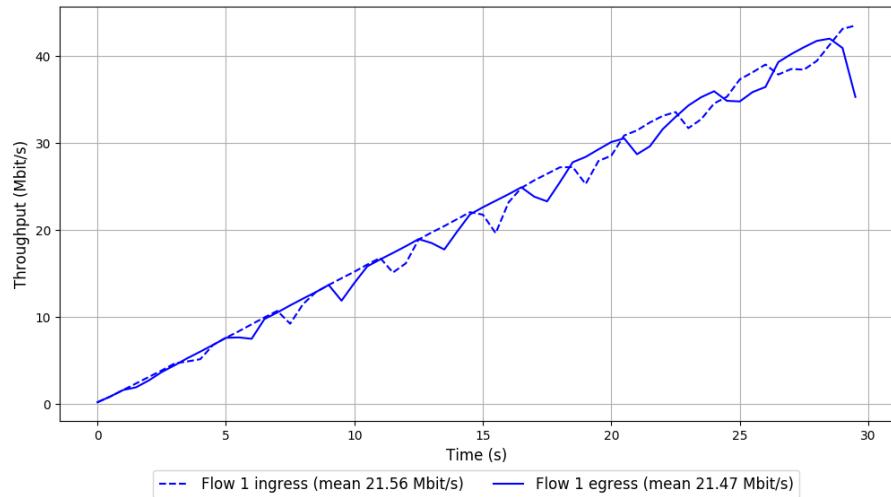


Run 3: Statistics of LEDBAT

```
Start at: 2018-03-14 21:47:34
End at: 2018-03-14 21:48:04
Local clock offset: -11.048 ms
Remote clock offset: -0.085 ms

# Below is generated by plot.py at 2018-03-15 04:47:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.47 Mbit/s
95th percentile per-packet one-way delay: 64.286 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 21.47 Mbit/s
95th percentile per-packet one-way delay: 64.286 ms
Loss rate: 0.86%
```

Run 3: Report of LEDBAT — Data Link

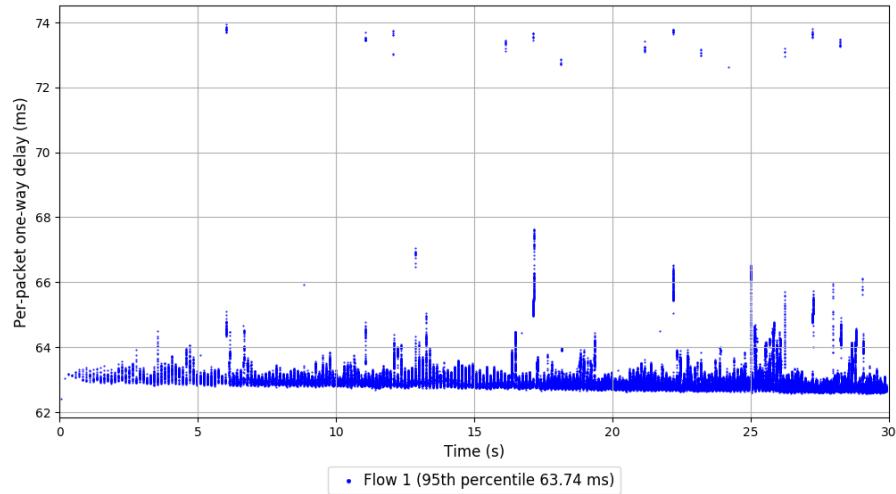
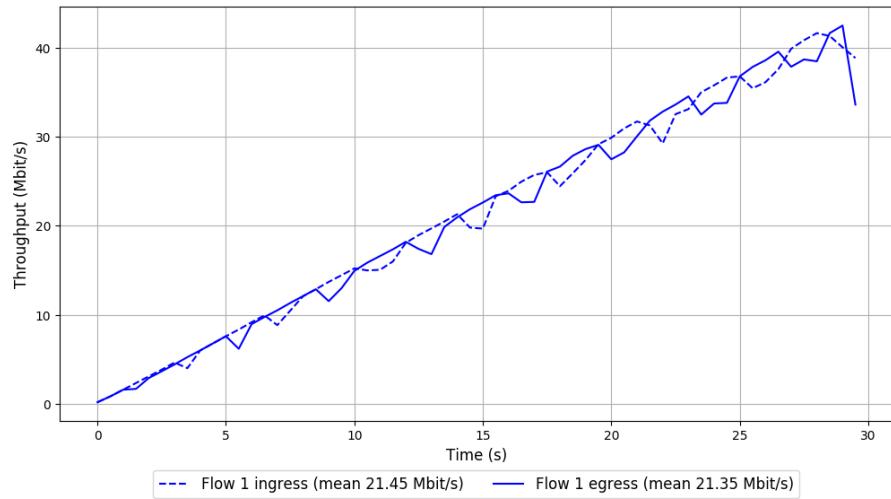


Run 4: Statistics of LEDBAT

```
Start at: 2018-03-14 22:10:57
End at: 2018-03-14 22:11:27
Local clock offset: 1.957 ms
Remote clock offset: -3.088 ms

# Below is generated by plot.py at 2018-03-15 04:47:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.35 Mbit/s
95th percentile per-packet one-way delay: 63.736 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 21.35 Mbit/s
95th percentile per-packet one-way delay: 63.736 ms
Loss rate: 0.86%
```

Run 4: Report of LEDBAT — Data Link

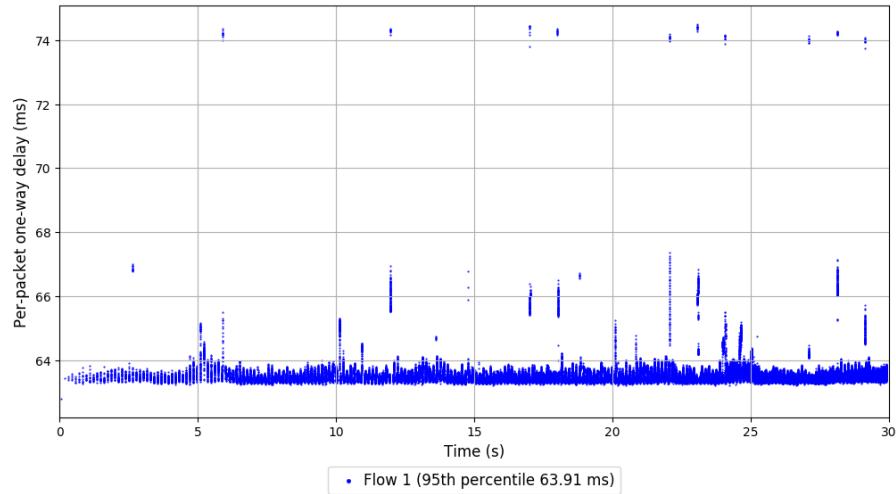
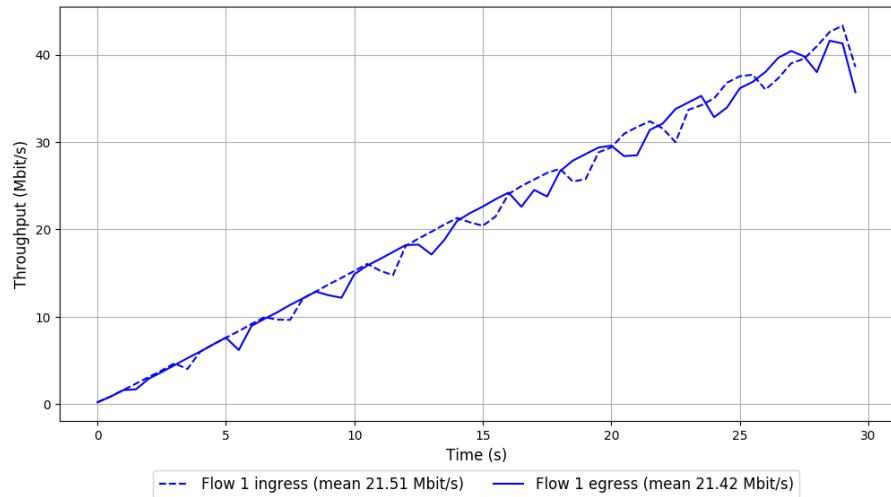


Run 5: Statistics of LEDBAT

```
Start at: 2018-03-14 22:34:17
End at: 2018-03-14 22:34:47
Local clock offset: 0.102 ms
Remote clock offset: -8.883 ms

# Below is generated by plot.py at 2018-03-15 04:47:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.42 Mbit/s
95th percentile per-packet one-way delay: 63.907 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 21.42 Mbit/s
95th percentile per-packet one-way delay: 63.907 ms
Loss rate: 0.86%
```

Run 5: Report of LEDBAT — Data Link

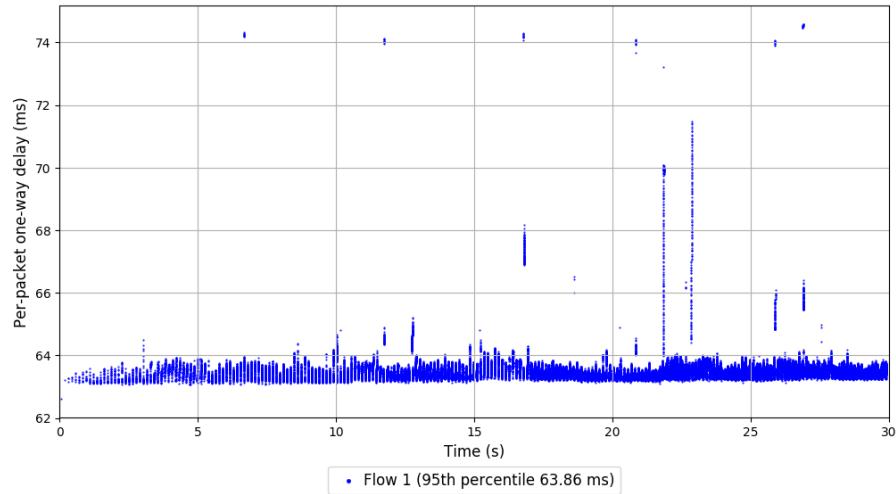
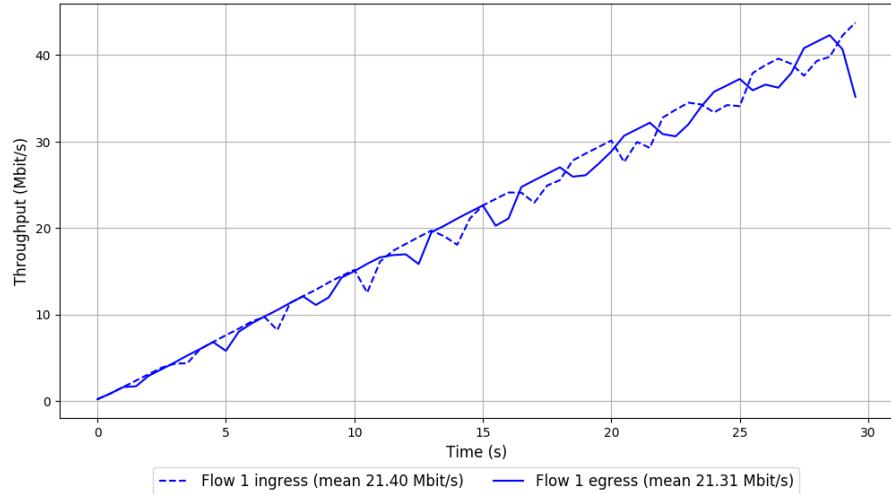


Run 6: Statistics of LEDBAT

```
Start at: 2018-03-14 22:57:35
End at: 2018-03-14 22:58:05
Local clock offset: -3.745 ms
Remote clock offset: -0.608 ms

# Below is generated by plot.py at 2018-03-15 04:47:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.31 Mbit/s
95th percentile per-packet one-way delay: 63.863 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 21.31 Mbit/s
95th percentile per-packet one-way delay: 63.863 ms
Loss rate: 0.86%
```

Run 6: Report of LEDBAT — Data Link

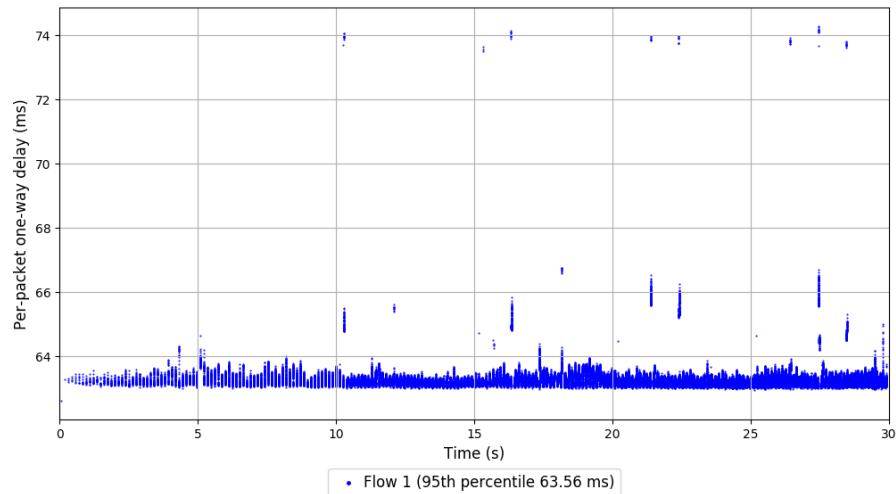
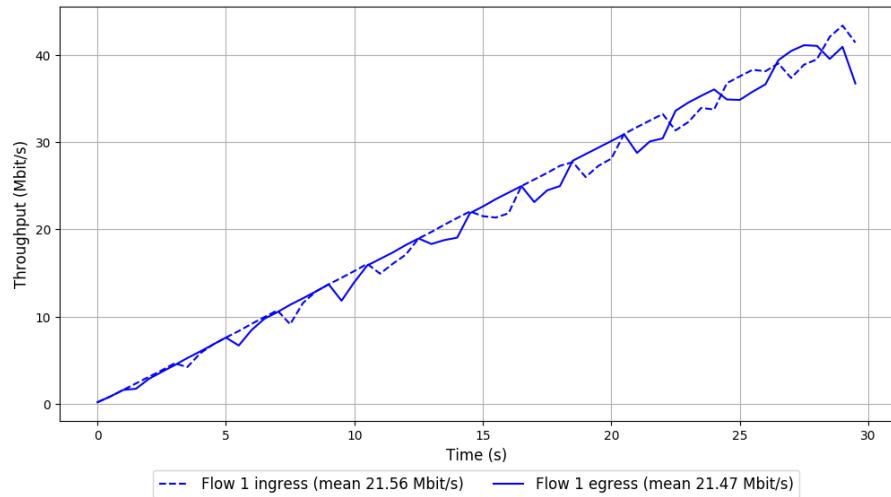


Run 7: Statistics of LEDBAT

```
Start at: 2018-03-14 23:20:53
End at: 2018-03-14 23:21:23
Local clock offset: 2.384 ms
Remote clock offset: 0.332 ms

# Below is generated by plot.py at 2018-03-15 04:47:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.47 Mbit/s
95th percentile per-packet one-way delay: 63.564 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 21.47 Mbit/s
95th percentile per-packet one-way delay: 63.564 ms
Loss rate: 0.85%
```

Run 7: Report of LEDBAT — Data Link

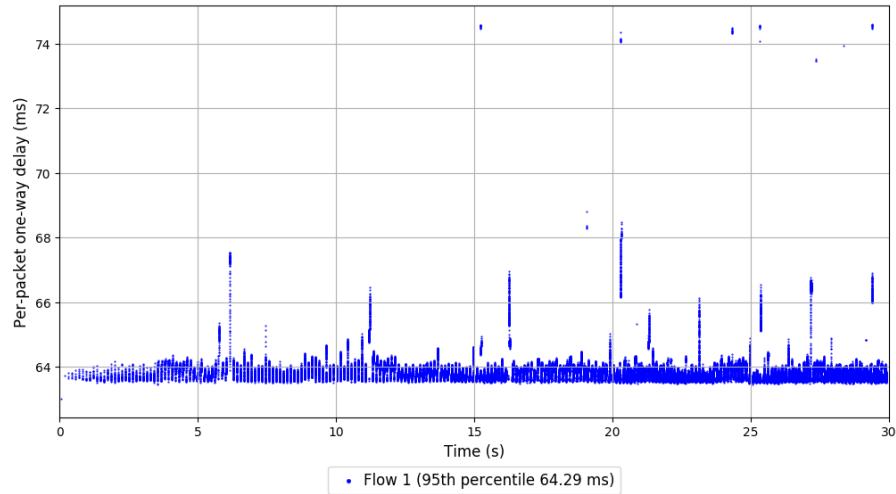
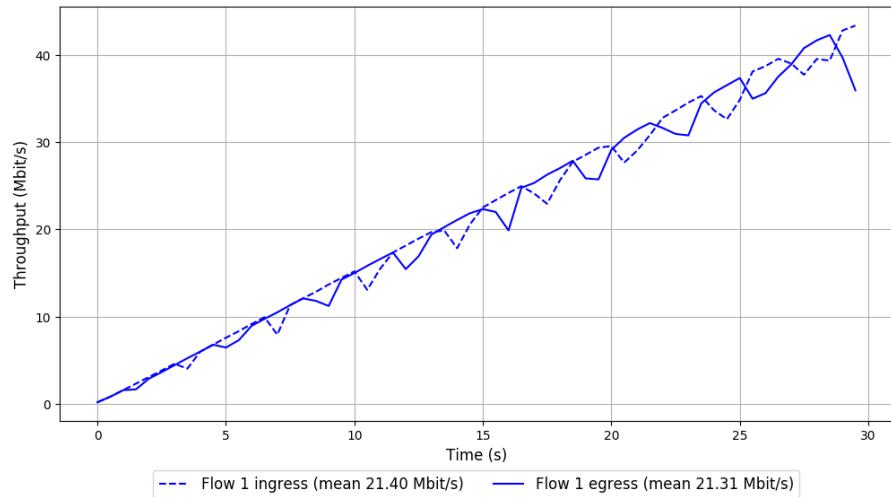


Run 8: Statistics of LEDBAT

```
Start at: 2018-03-14 23:44:10
End at: 2018-03-14 23:44:40
Local clock offset: 4.45 ms
Remote clock offset: 0.287 ms

# Below is generated by plot.py at 2018-03-15 04:47:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.31 Mbit/s
95th percentile per-packet one-way delay: 64.292 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 21.31 Mbit/s
95th percentile per-packet one-way delay: 64.292 ms
Loss rate: 0.86%
```

Run 8: Report of LEDBAT — Data Link

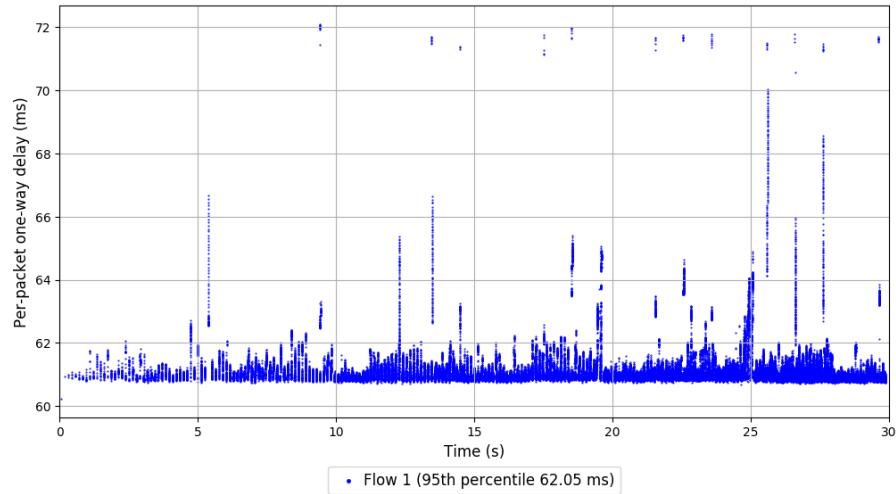
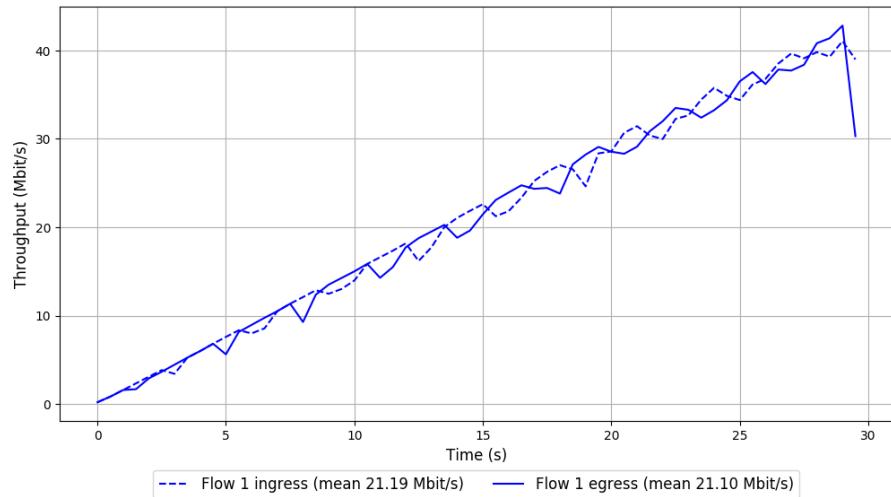


Run 9: Statistics of LEDBAT

```
Start at: 2018-03-15 00:07:29
End at: 2018-03-15 00:07:59
Local clock offset: 2.161 ms
Remote clock offset: 0.204 ms

# Below is generated by plot.py at 2018-03-15 04:47:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.10 Mbit/s
95th percentile per-packet one-way delay: 62.049 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 21.10 Mbit/s
95th percentile per-packet one-way delay: 62.049 ms
Loss rate: 0.86%
```

Run 9: Report of LEDBAT — Data Link

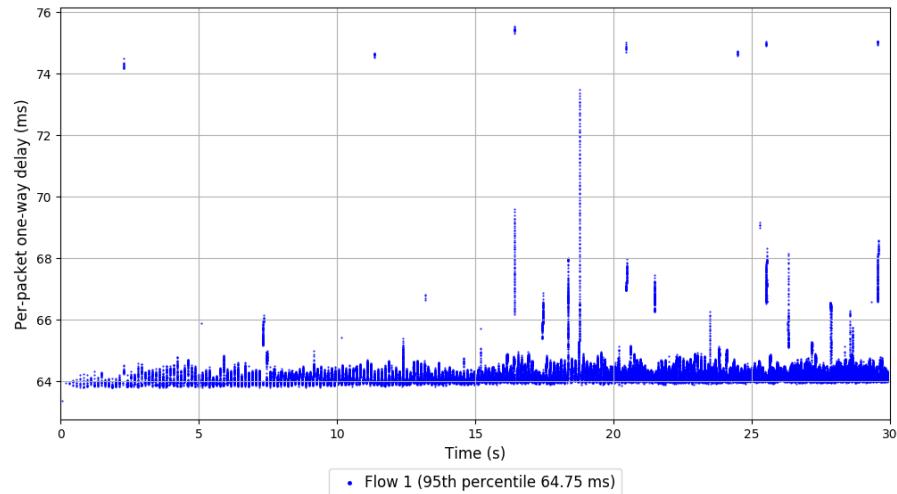
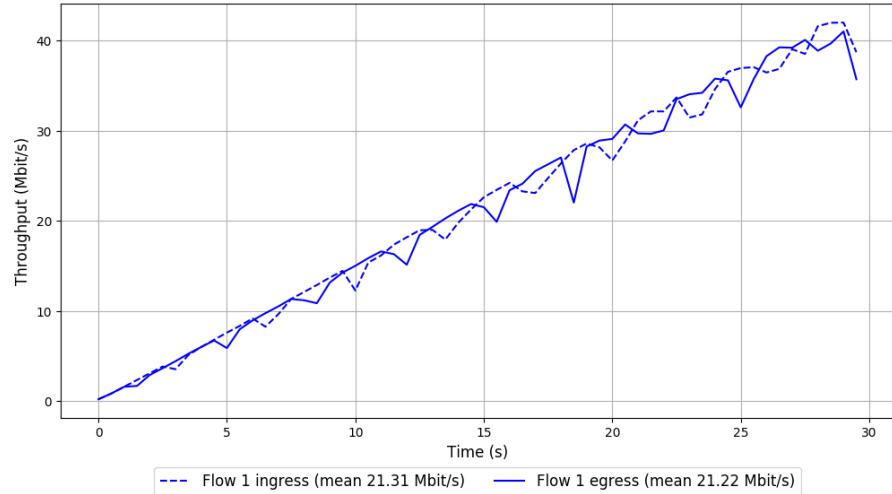


Run 10: Statistics of LEDBAT

```
Start at: 2018-03-15 00:31:32
End at: 2018-03-15 00:32:02
Local clock offset: 6.107 ms
Remote clock offset: 7.658 ms

# Below is generated by plot.py at 2018-03-15 04:47:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.22 Mbit/s
95th percentile per-packet one-way delay: 64.752 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 21.22 Mbit/s
95th percentile per-packet one-way delay: 64.752 ms
Loss rate: 0.86%
```

Run 10: Report of LEDBAT — Data Link

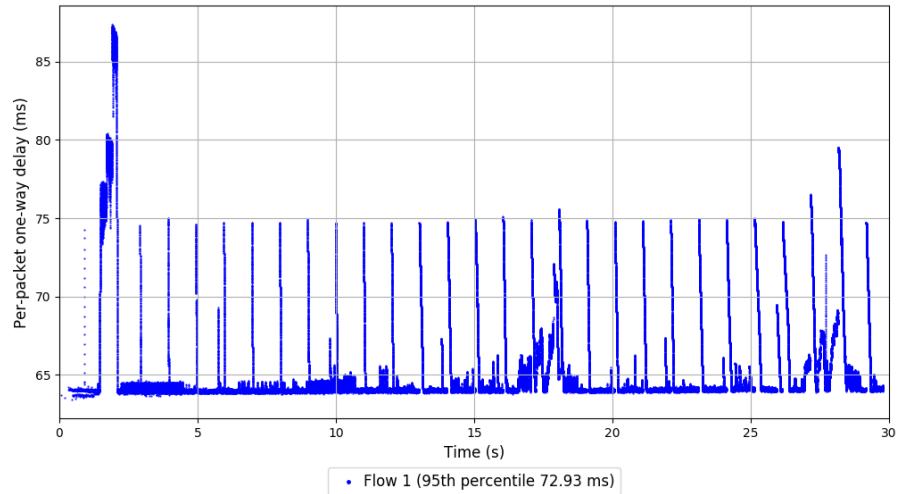
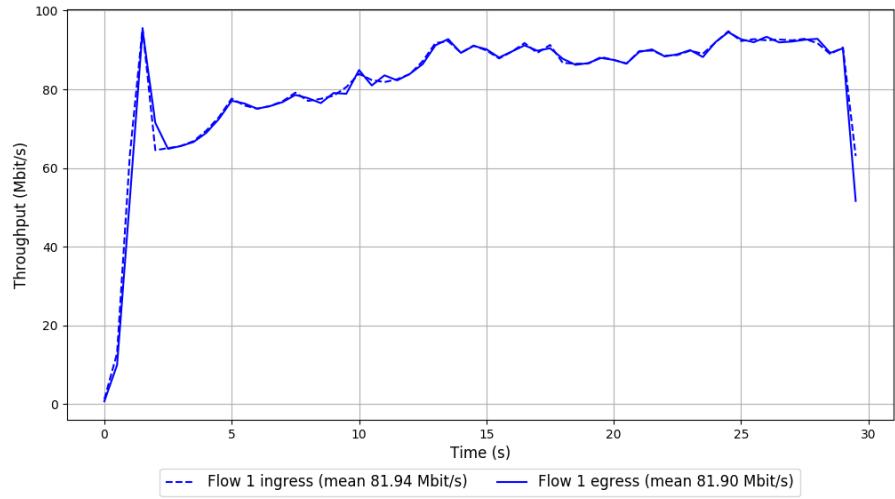


Run 1: Statistics of PCC

```
Start at: 2018-03-14 21:05:09
End at: 2018-03-14 21:05:39
Local clock offset: -4.129 ms
Remote clock offset: -2.685 ms

# Below is generated by plot.py at 2018-03-15 04:48:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.90 Mbit/s
95th percentile per-packet one-way delay: 72.931 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 81.90 Mbit/s
95th percentile per-packet one-way delay: 72.931 ms
Loss rate: 0.47%
```

Run 1: Report of PCC — Data Link

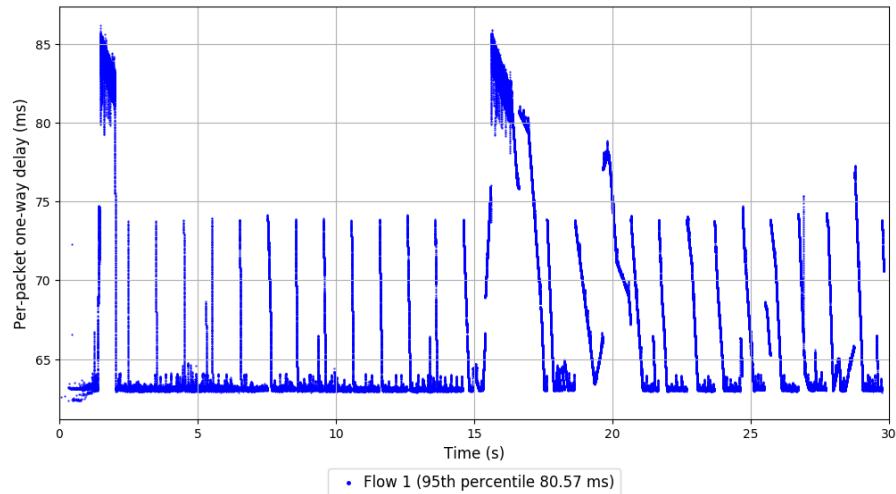
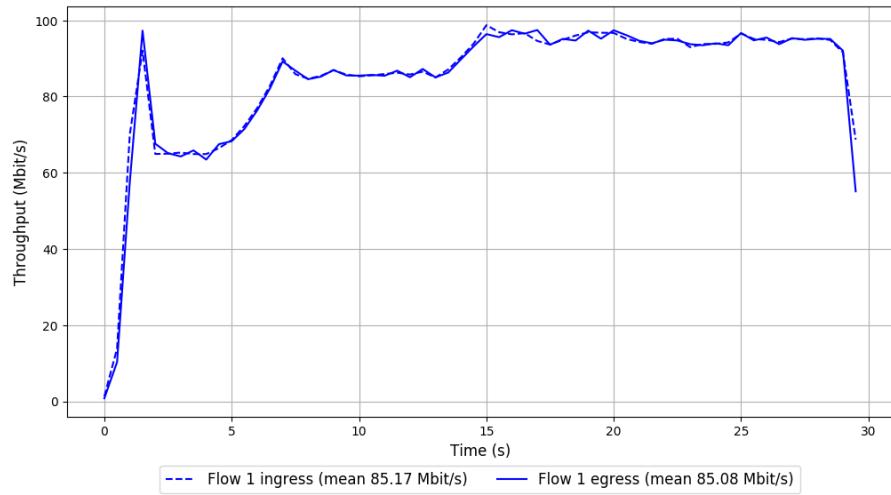


Run 2: Statistics of PCC

```
Start at: 2018-03-14 21:28:43
End at: 2018-03-14 21:29:13
Local clock offset: -5.487 ms
Remote clock offset: -4.534 ms

# Below is generated by plot.py at 2018-03-15 04:48:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.08 Mbit/s
95th percentile per-packet one-way delay: 80.570 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 85.08 Mbit/s
95th percentile per-packet one-way delay: 80.570 ms
Loss rate: 0.54%
```

Run 2: Report of PCC — Data Link

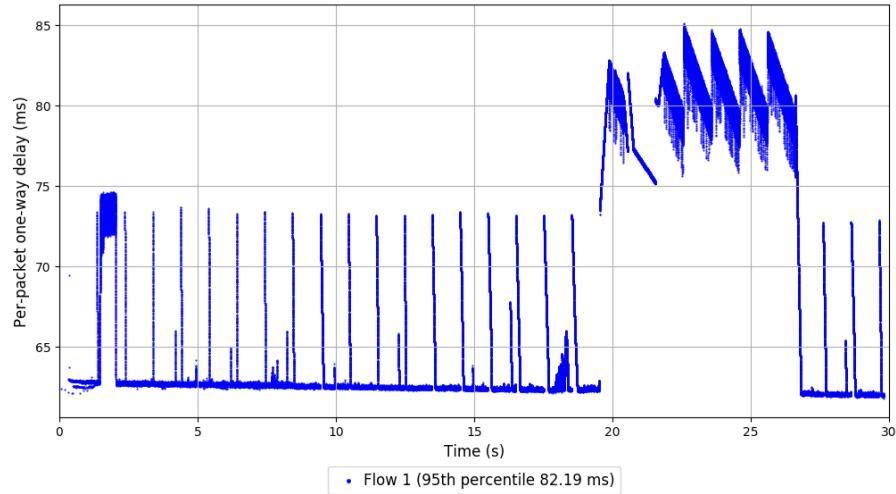
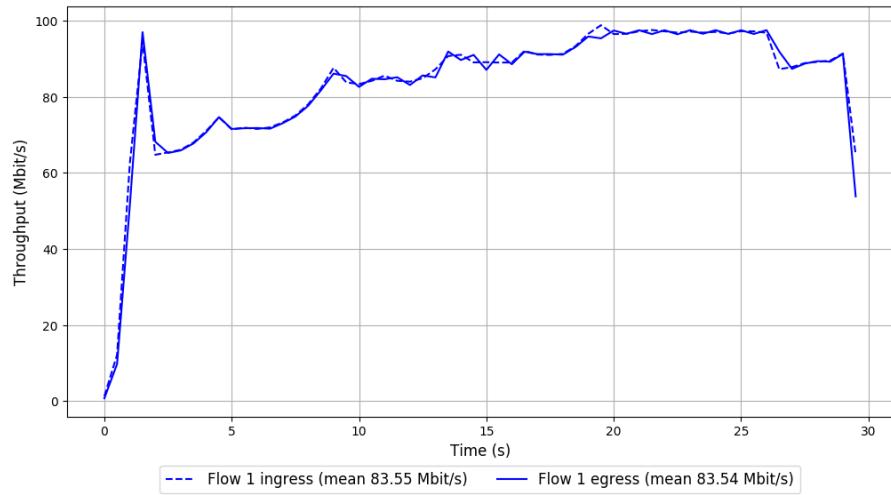


Run 3: Statistics of PCC

```
Start at: 2018-03-14 21:52:26
End at: 2018-03-14 21:52:56
Local clock offset: -10.377 ms
Remote clock offset: 0.422 ms

# Below is generated by plot.py at 2018-03-15 04:48:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.54 Mbit/s
95th percentile per-packet one-way delay: 82.195 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 83.54 Mbit/s
95th percentile per-packet one-way delay: 82.195 ms
Loss rate: 0.45%
```

Run 3: Report of PCC — Data Link

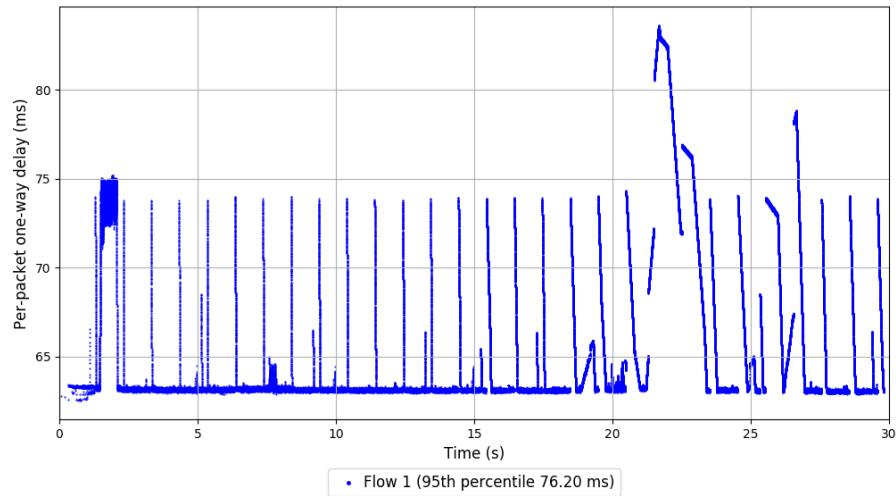
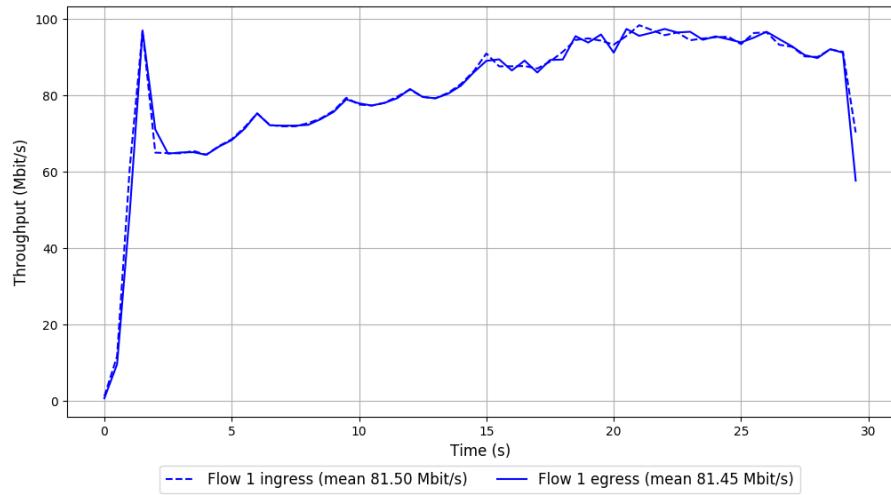


Run 4: Statistics of PCC

```
Start at: 2018-03-14 22:15:51
End at: 2018-03-14 22:16:21
Local clock offset: 1.735 ms
Remote clock offset: -5.369 ms

# Below is generated by plot.py at 2018-03-15 04:48:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.45 Mbit/s
95th percentile per-packet one-way delay: 76.201 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 81.45 Mbit/s
95th percentile per-packet one-way delay: 76.201 ms
Loss rate: 0.50%
```

Run 4: Report of PCC — Data Link

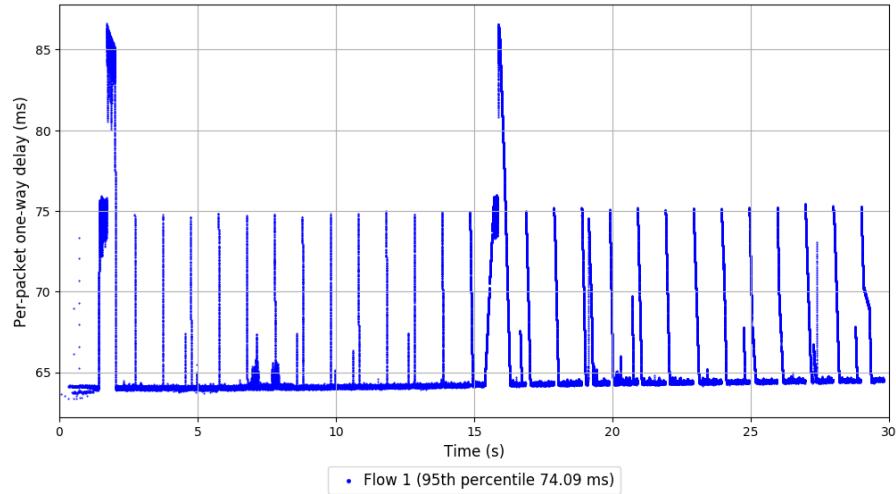
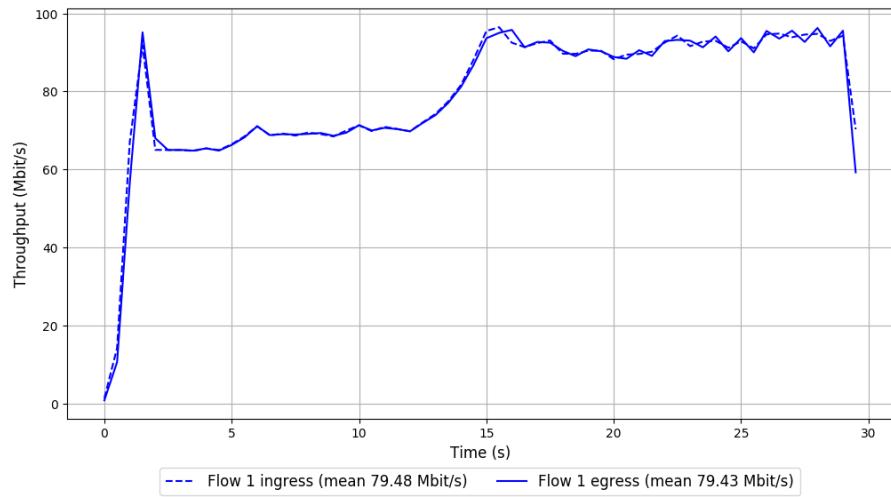


Run 5: Statistics of PCC

```
Start at: 2018-03-14 22:39:10
End at: 2018-03-14 22:39:40
Local clock offset: -0.15 ms
Remote clock offset: -9.336 ms

# Below is generated by plot.py at 2018-03-15 04:48:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.43 Mbit/s
95th percentile per-packet one-way delay: 74.087 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 79.43 Mbit/s
95th percentile per-packet one-way delay: 74.087 ms
Loss rate: 0.50%
```

Run 5: Report of PCC — Data Link

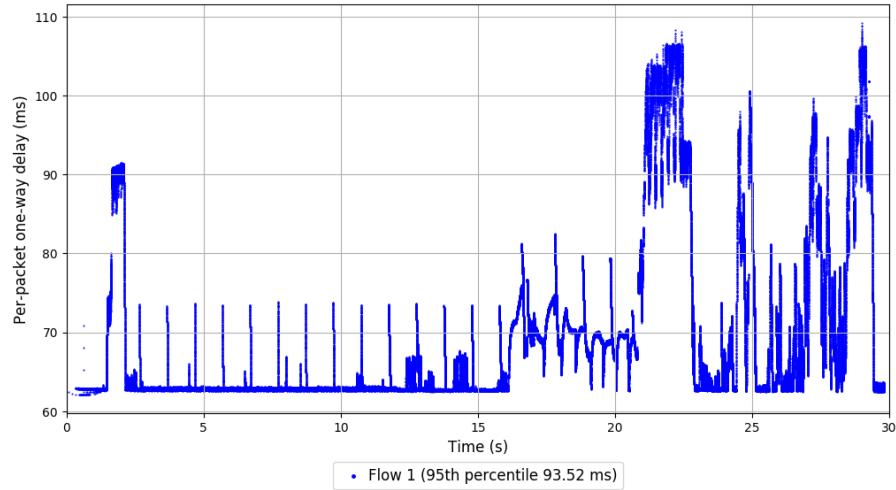
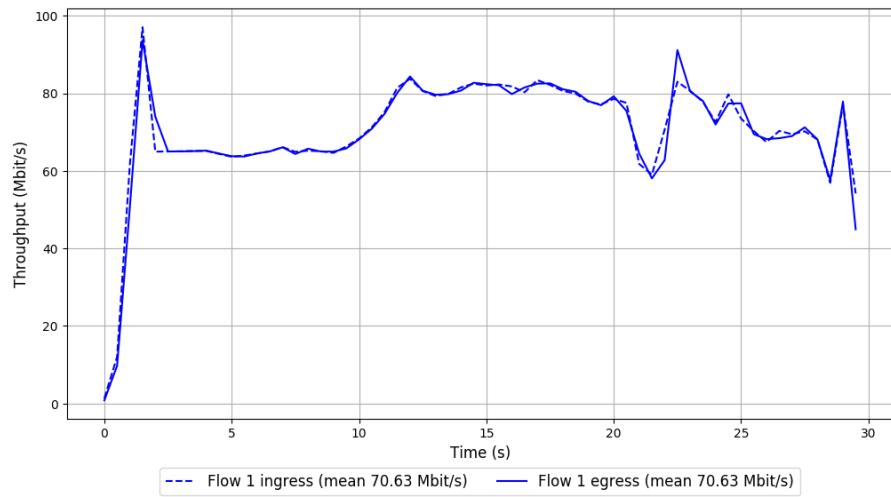


Run 6: Statistics of PCC

```
Start at: 2018-03-14 23:02:28
End at: 2018-03-14 23:02:58
Local clock offset: -1.464 ms
Remote clock offset: 0.362 ms

# Below is generated by plot.py at 2018-03-15 04:48:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.63 Mbit/s
95th percentile per-packet one-way delay: 93.519 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 70.63 Mbit/s
95th percentile per-packet one-way delay: 93.519 ms
Loss rate: 0.43%
```

Run 6: Report of PCC — Data Link

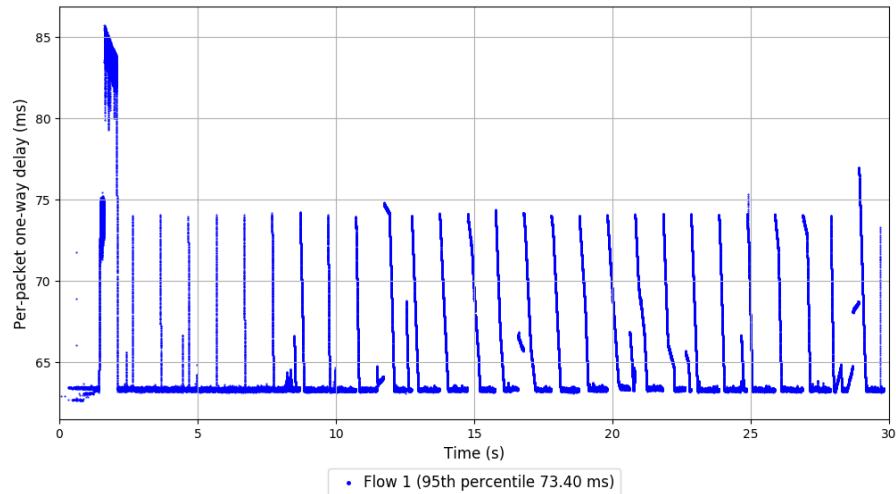
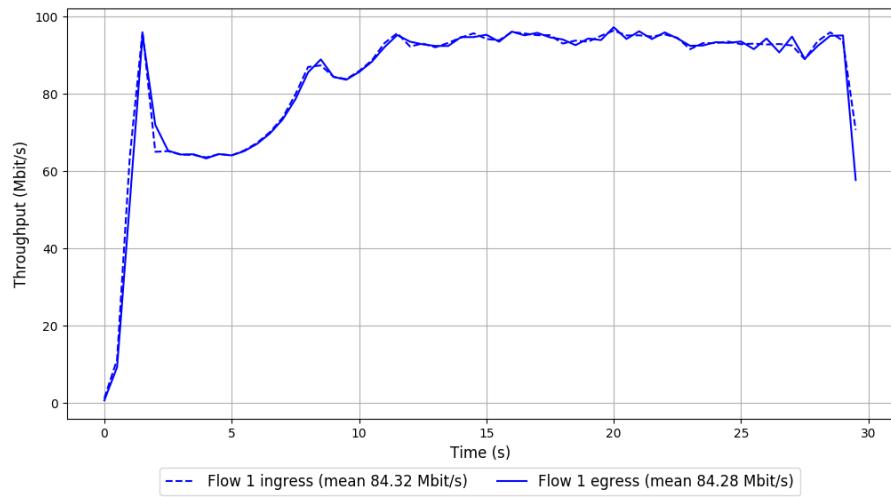


Run 7: Statistics of PCC

```
Start at: 2018-03-14 23:25:46
End at: 2018-03-14 23:26:16
Local clock offset: 2.657 ms
Remote clock offset: 0.057 ms

# Below is generated by plot.py at 2018-03-15 04:48:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.28 Mbit/s
95th percentile per-packet one-way delay: 73.404 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 84.28 Mbit/s
95th percentile per-packet one-way delay: 73.404 ms
Loss rate: 0.49%
```

Run 7: Report of PCC — Data Link

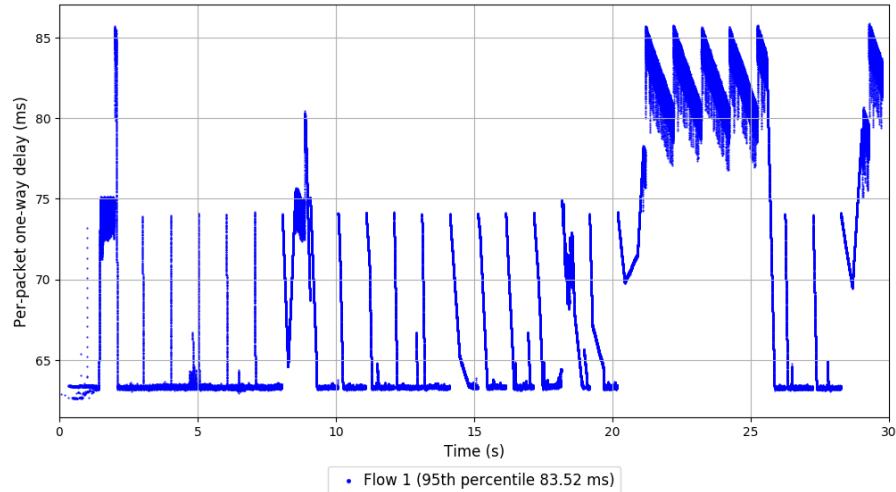
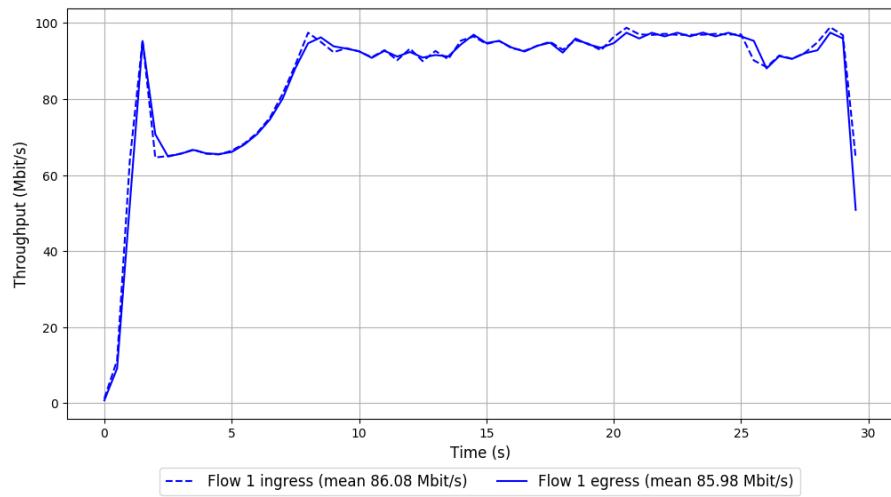


Run 8: Statistics of PCC

```
Start at: 2018-03-14 23:49:03
End at: 2018-03-14 23:49:33
Local clock offset: 4.524 ms
Remote clock offset: 0.246 ms

# Below is generated by plot.py at 2018-03-15 04:48:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.98 Mbit/s
95th percentile per-packet one-way delay: 83.521 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 85.98 Mbit/s
95th percentile per-packet one-way delay: 83.521 ms
Loss rate: 0.58%
```

Run 8: Report of PCC — Data Link

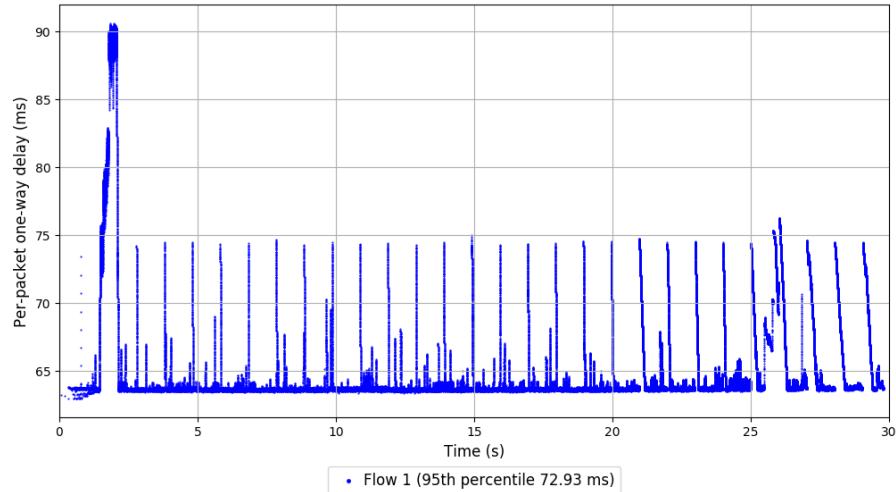
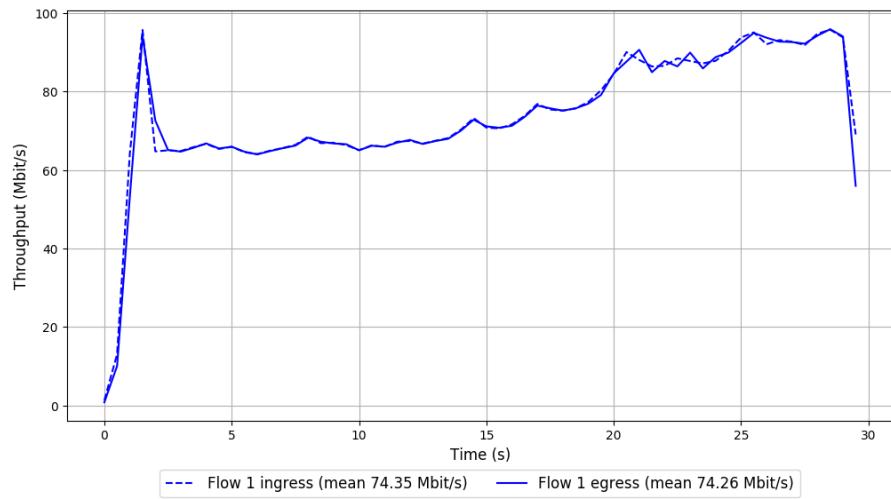


Run 9: Statistics of PCC

```
Start at: 2018-03-15 00:12:20
End at: 2018-03-15 00:12:50
Local clock offset: 5.572 ms
Remote clock offset: 0.244 ms

# Below is generated by plot.py at 2018-03-15 04:49:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 72.932 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 72.932 ms
Loss rate: 0.56%
```

Run 9: Report of PCC — Data Link

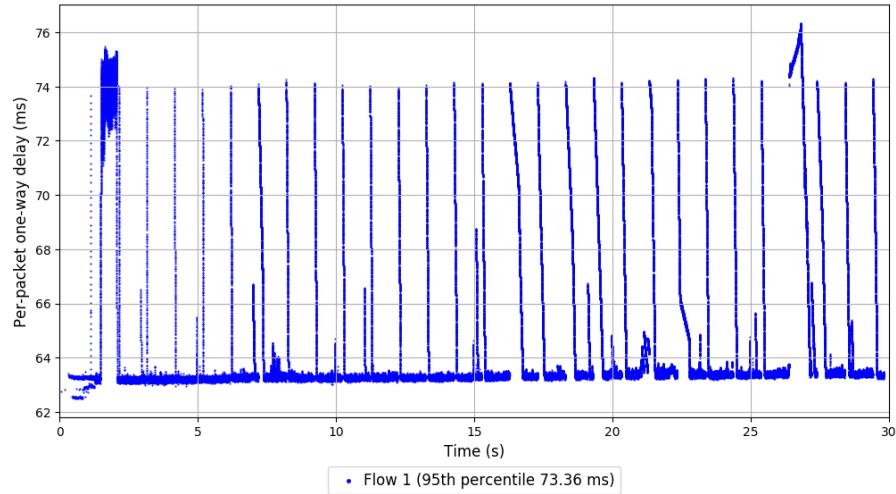
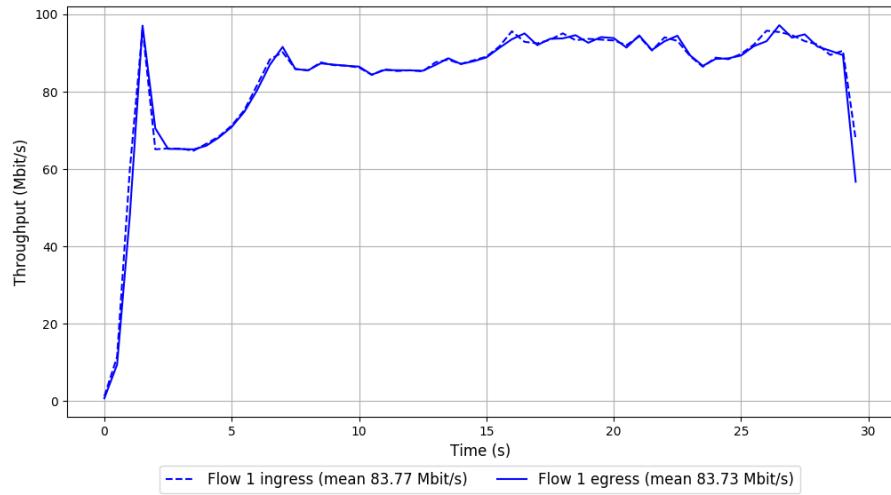


Run 10: Statistics of PCC

```
Start at: 2018-03-15 00:36:25
End at: 2018-03-15 00:36:55
Local clock offset: 5.784 ms
Remote clock offset: 9.588 ms

# Below is generated by plot.py at 2018-03-15 04:49:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.73 Mbit/s
95th percentile per-packet one-way delay: 73.365 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 83.73 Mbit/s
95th percentile per-packet one-way delay: 73.365 ms
Loss rate: 0.47%
```

Run 10: Report of PCC — Data Link

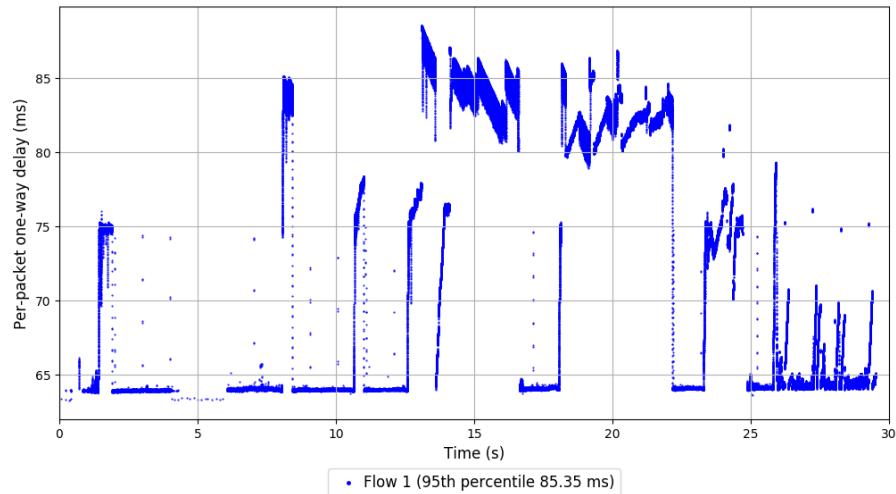
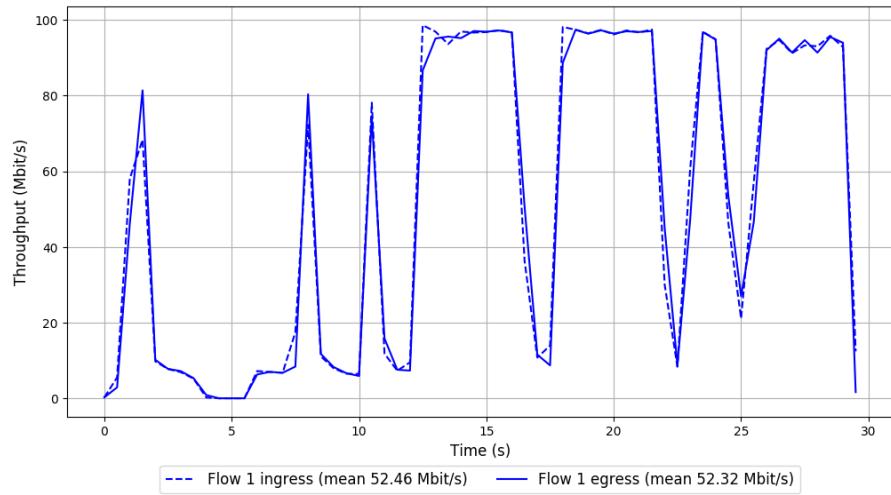


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-03-14 21:10:01
End at: 2018-03-14 21:10:31
Local clock offset: -6.632 ms
Remote clock offset: -3.371 ms

# Below is generated by plot.py at 2018-03-15 04:49:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.32 Mbit/s
95th percentile per-packet one-way delay: 85.349 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 52.32 Mbit/s
95th percentile per-packet one-way delay: 85.349 ms
Loss rate: 0.71%
```

Run 1: Report of QUIC Cubic — Data Link

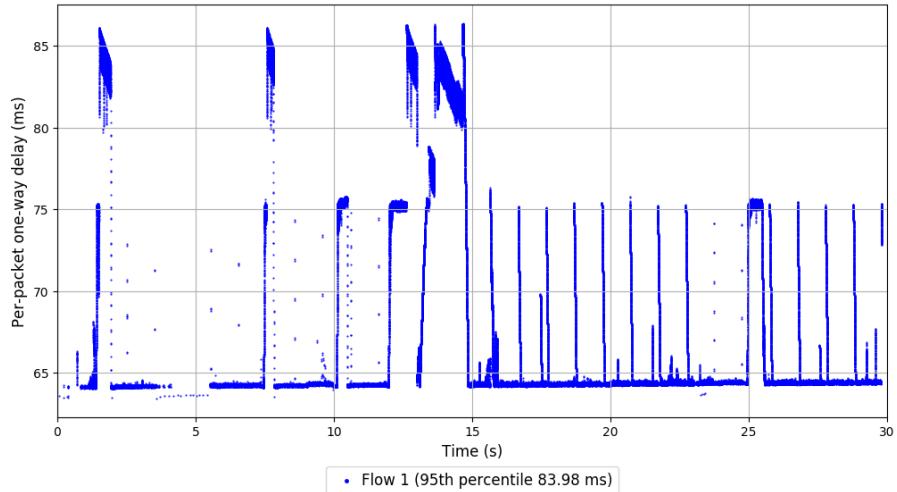
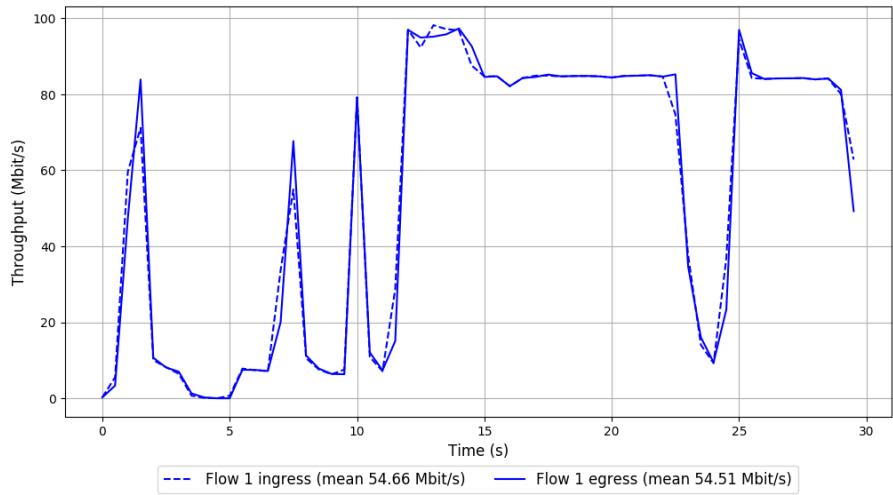


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-03-14 21:33:54
End at: 2018-03-14 21:34:24
Local clock offset: -6.035 ms
Remote clock offset: -3.345 ms

# Below is generated by plot.py at 2018-03-15 04:49:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.51 Mbit/s
95th percentile per-packet one-way delay: 83.978 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 54.51 Mbit/s
95th percentile per-packet one-way delay: 83.978 ms
Loss rate: 0.71%
```

Run 2: Report of QUIC Cubic — Data Link

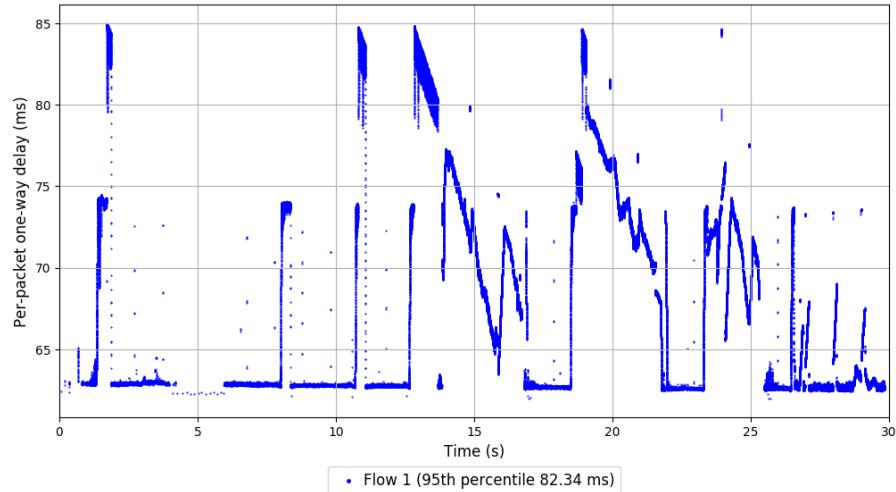
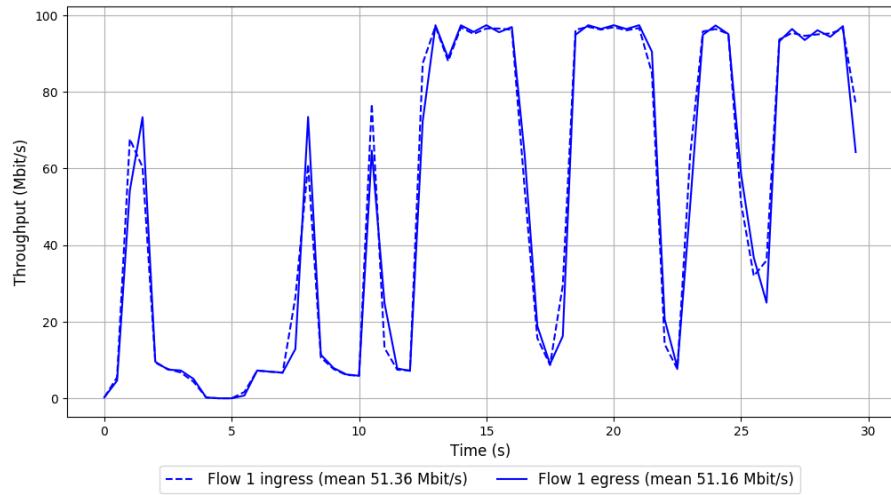


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-03-14 21:57:19
End at: 2018-03-14 21:57:49
Local clock offset: -3.561 ms
Remote clock offset: 0.816 ms

# Below is generated by plot.py at 2018-03-15 04:49:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.16 Mbit/s
95th percentile per-packet one-way delay: 82.343 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 51.16 Mbit/s
95th percentile per-packet one-way delay: 82.343 ms
Loss rate: 0.81%
```

Run 3: Report of QUIC Cubic — Data Link

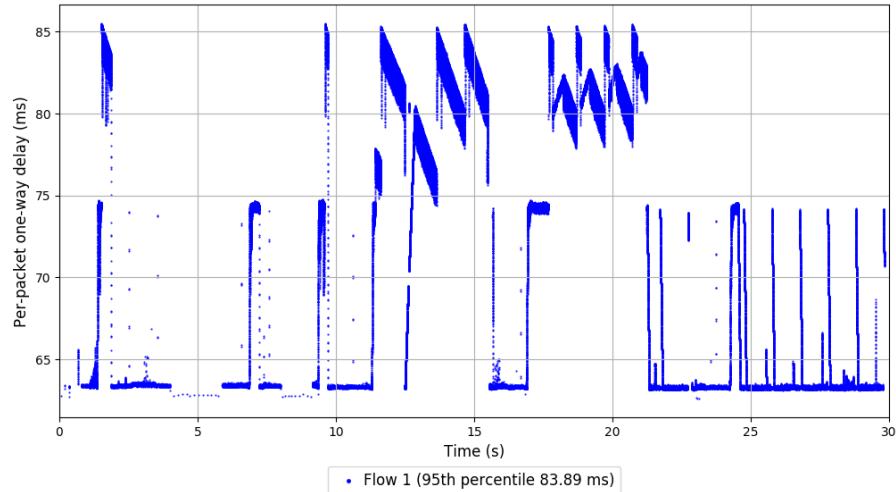
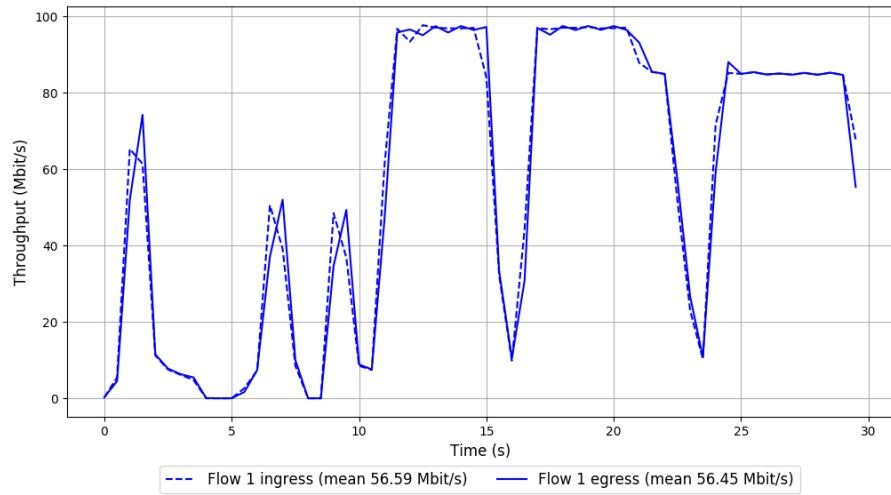


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-03-14 22:20:44
End at: 2018-03-14 22:21:14
Local clock offset: 1.543 ms
Remote clock offset: -6.74 ms

# Below is generated by plot.py at 2018-03-15 04:49:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.45 Mbit/s
95th percentile per-packet one-way delay: 83.889 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 56.45 Mbit/s
95th percentile per-packet one-way delay: 83.889 ms
Loss rate: 0.69%
```

Run 4: Report of QUIC Cubic — Data Link

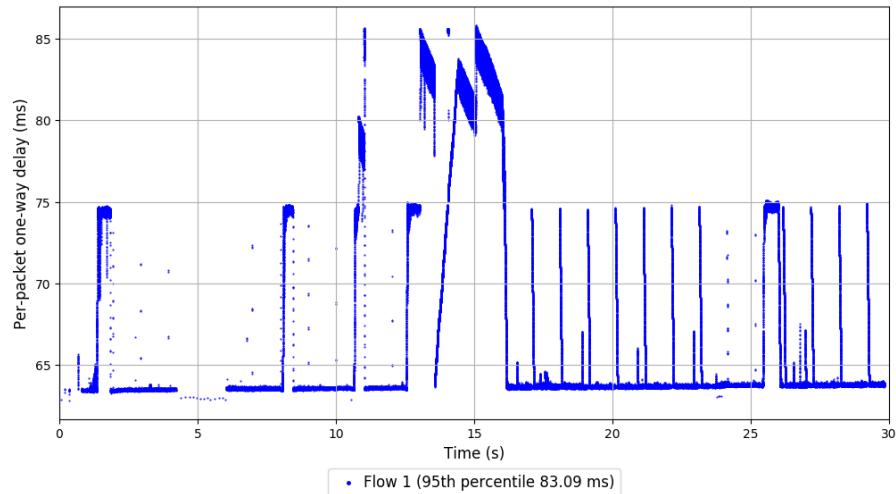
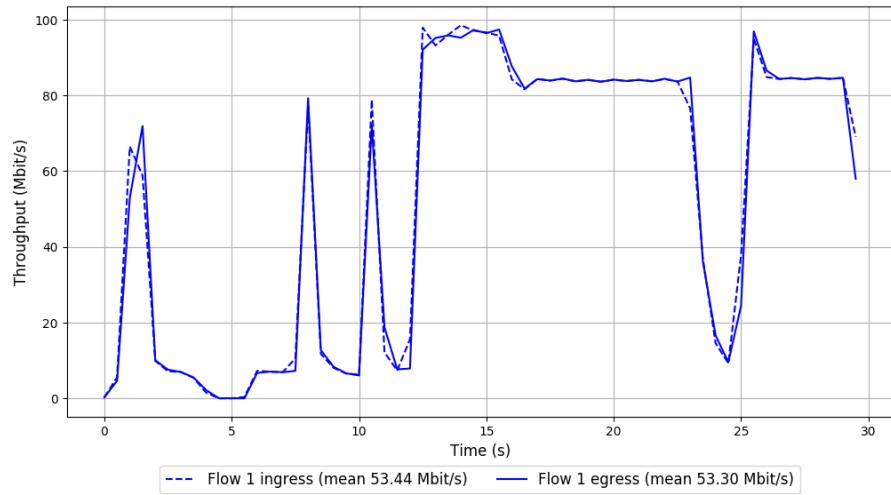


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-03-14 22:44:02
End at: 2018-03-14 22:44:33
Local clock offset: -1.217 ms
Remote clock offset: -5.485 ms

# Below is generated by plot.py at 2018-03-15 04:49:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.30 Mbit/s
95th percentile per-packet one-way delay: 83.090 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 53.30 Mbit/s
95th percentile per-packet one-way delay: 83.090 ms
Loss rate: 0.68%
```

Run 5: Report of QUIC Cubic — Data Link

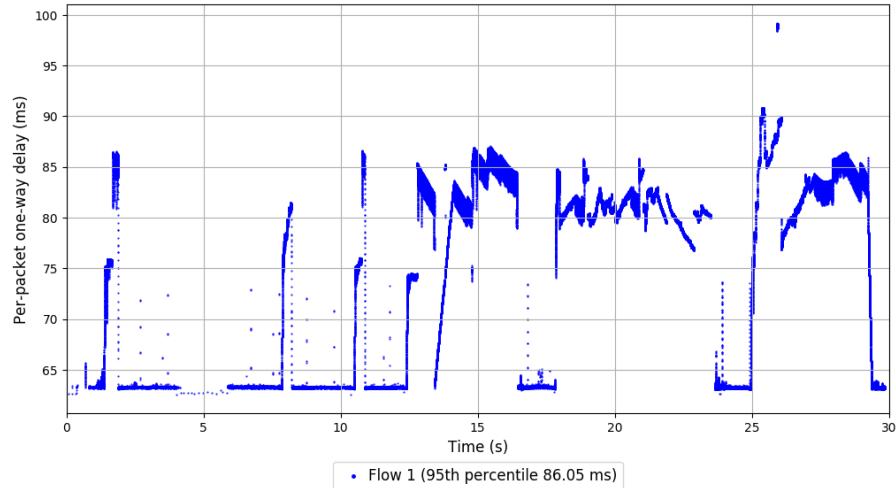
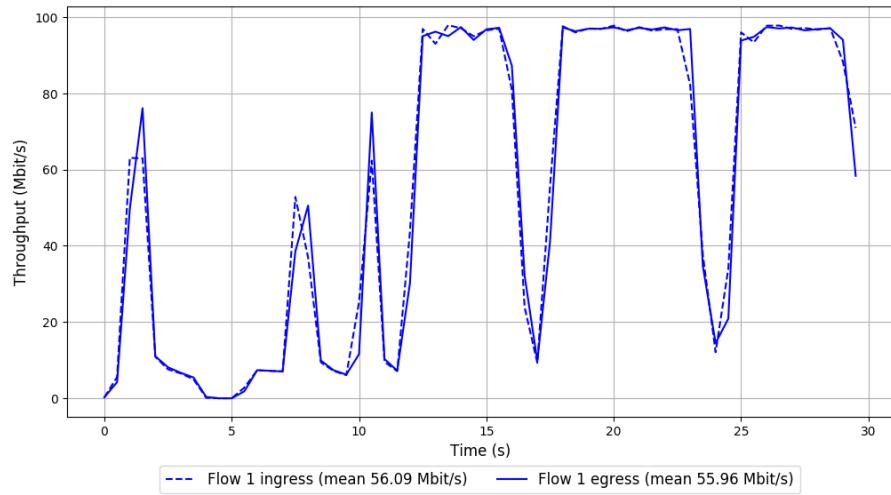


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-03-14 23:07:20
End at: 2018-03-14 23:07:50
Local clock offset: 0.684 ms
Remote clock offset: 1.062 ms

# Below is generated by plot.py at 2018-03-15 04:50:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.96 Mbit/s
95th percentile per-packet one-way delay: 86.045 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 55.96 Mbit/s
95th percentile per-packet one-way delay: 86.045 ms
Loss rate: 0.69%
```

Run 6: Report of QUIC Cubic — Data Link

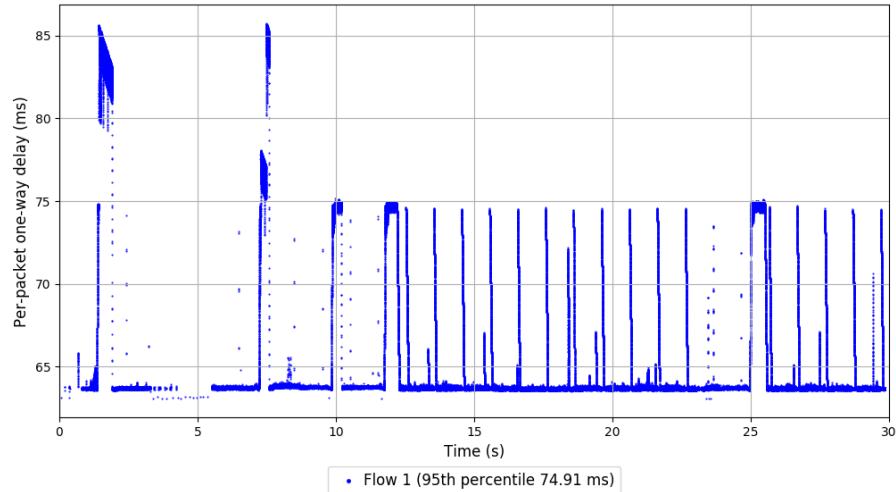
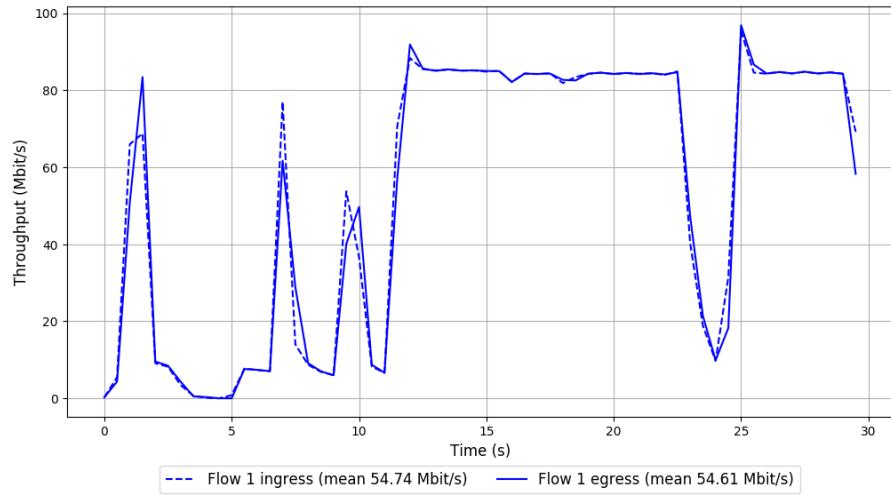


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-03-14 23:30:38
End at: 2018-03-14 23:31:08
Local clock offset: 2.203 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at 2018-03-15 04:50:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.61 Mbit/s
95th percentile per-packet one-way delay: 74.908 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 54.61 Mbit/s
95th percentile per-packet one-way delay: 74.908 ms
Loss rate: 0.66%
```

Run 7: Report of QUIC Cubic — Data Link

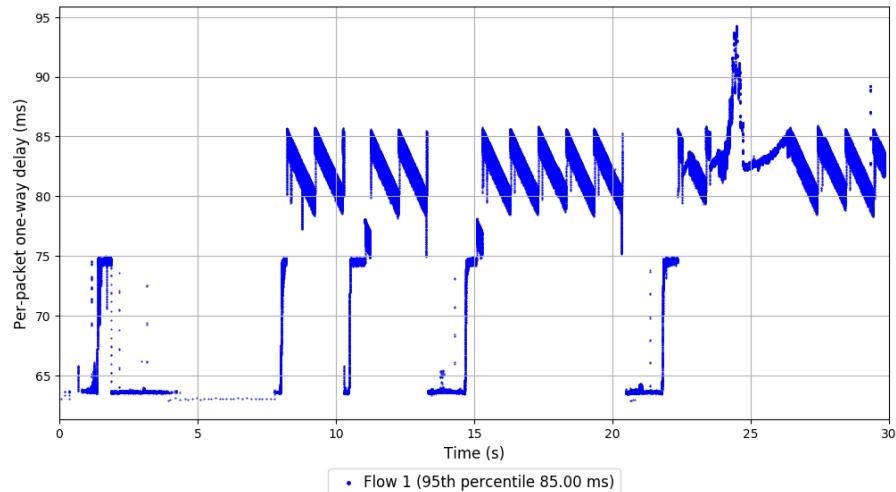
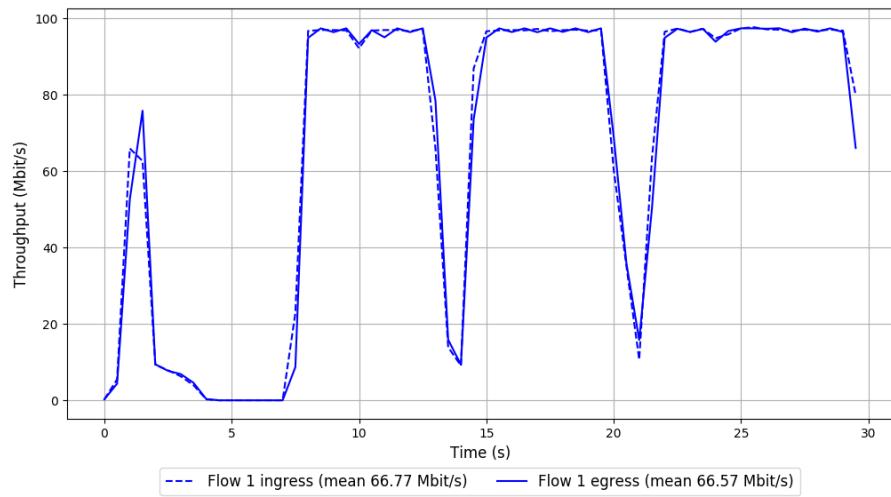


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-03-14 23:53:56
End at: 2018-03-14 23:54:26
Local clock offset: 4.669 ms
Remote clock offset: 0.144 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.57 Mbit/s
95th percentile per-packet one-way delay: 85.002 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 66.57 Mbit/s
95th percentile per-packet one-way delay: 85.002 ms
Loss rate: 0.76%
```

Run 8: Report of QUIC Cubic — Data Link

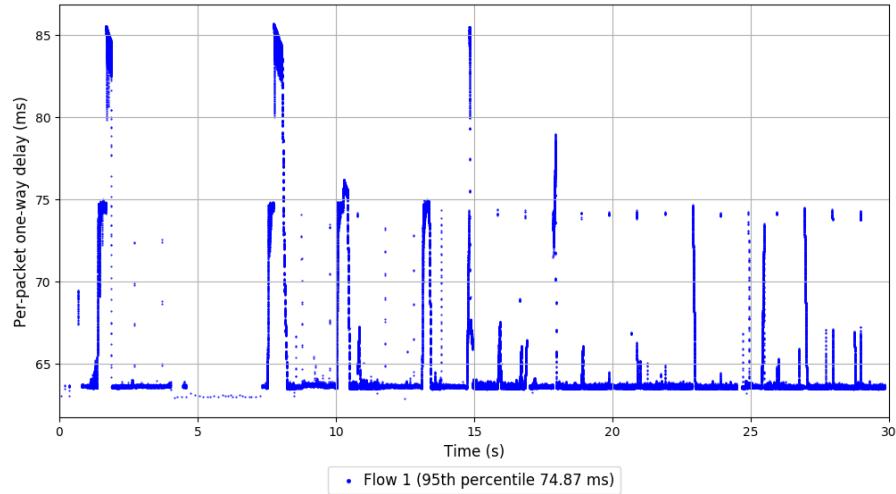
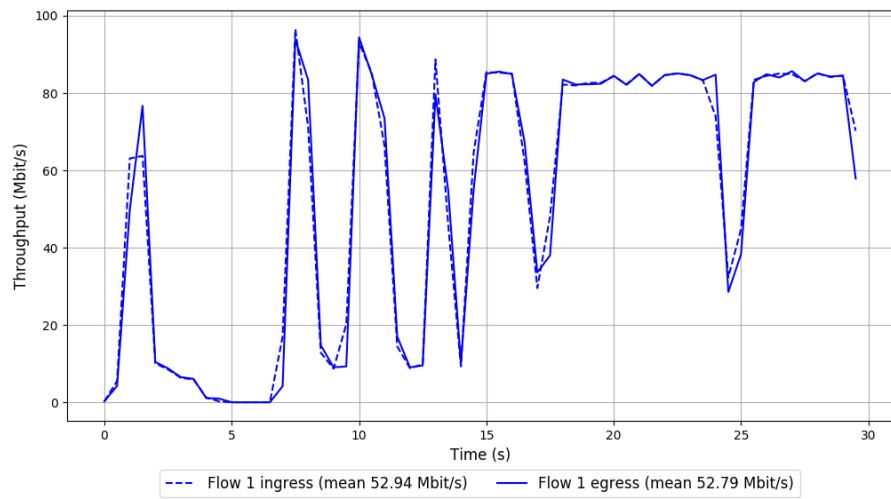


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-03-15 00:17:12
End at: 2018-03-15 00:17:42
Local clock offset: 5.745 ms
Remote clock offset: 0.382 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.79 Mbit/s
95th percentile per-packet one-way delay: 74.870 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 52.79 Mbit/s
95th percentile per-packet one-way delay: 74.870 ms
Loss rate: 0.73%
```

Run 9: Report of QUIC Cubic — Data Link

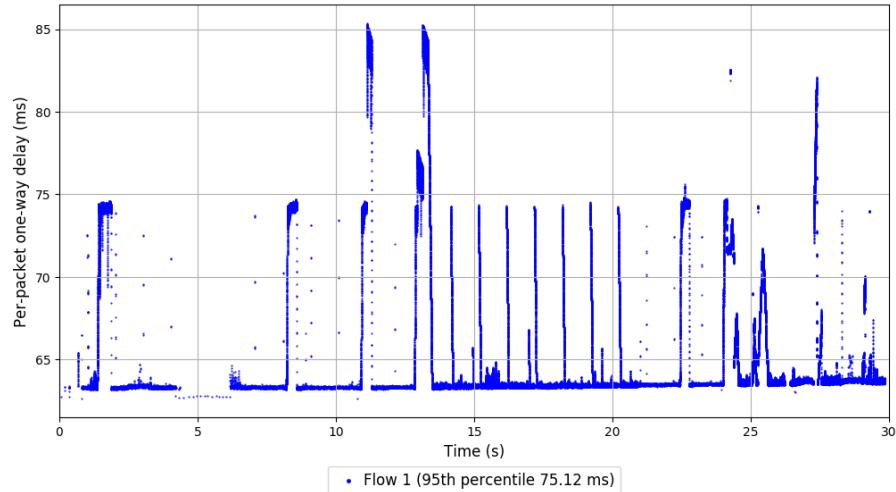
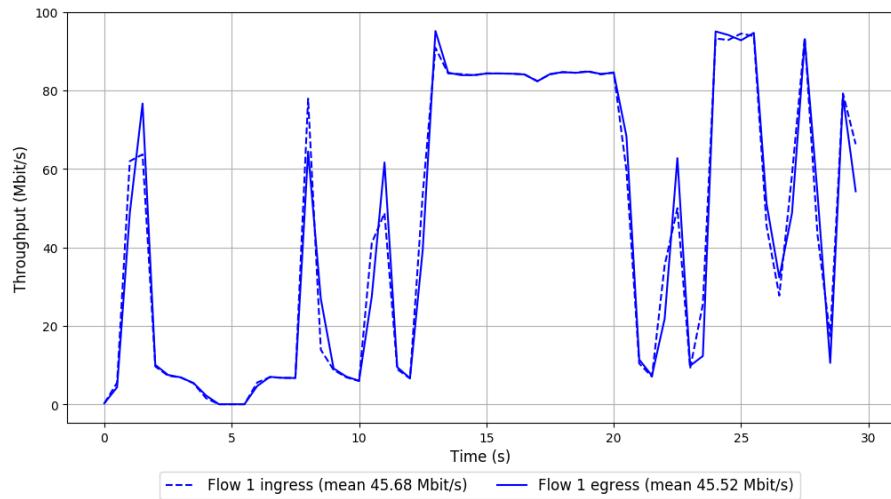


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-03-15 00:41:18
End at: 2018-03-15 00:41:48
Local clock offset: 5.856 ms
Remote clock offset: 10.98 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 75.117 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 75.117 ms
Loss rate: 0.78%
```

Run 10: Report of QUIC Cubic — Data Link

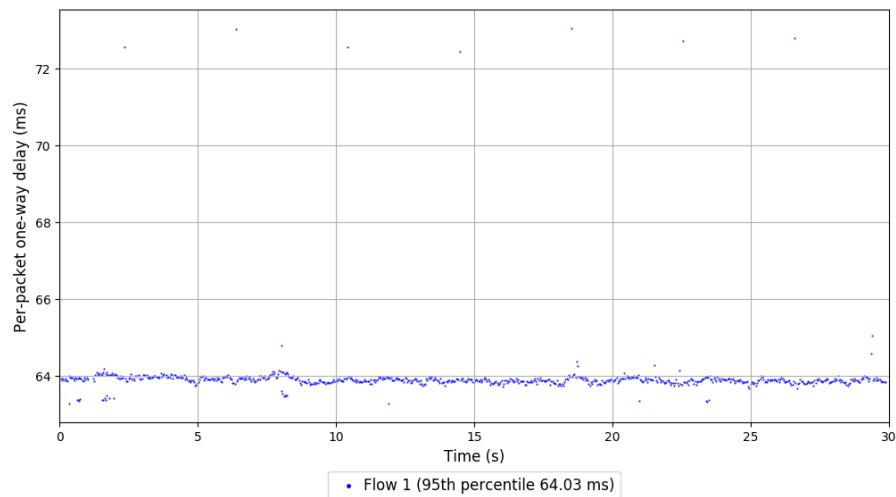
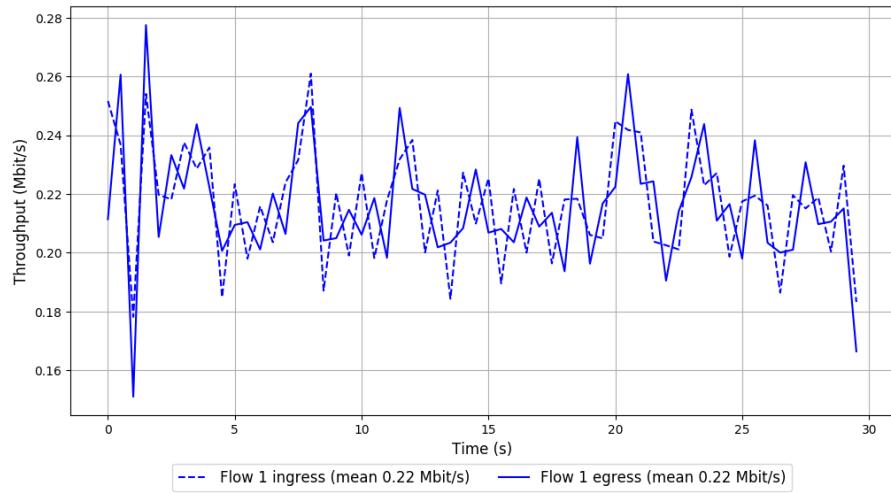


```
Run 1: Statistics of SCReAM

Start at: 2018-03-14 21:02:44
End at: 2018-03-14 21:03:14
Local clock offset: -3.773 ms
Remote clock offset: -2.314 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.033 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.033 ms
Loss rate: 0.38%
```

Run 1: Report of SCReAM — Data Link

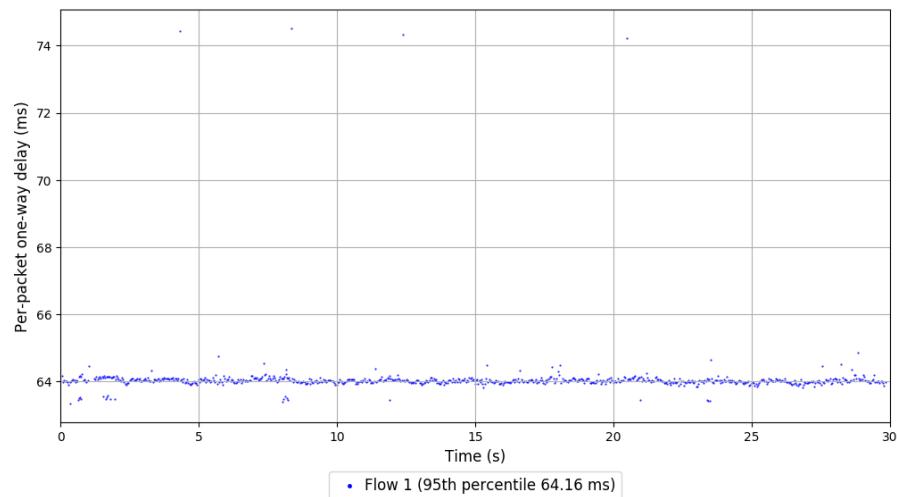
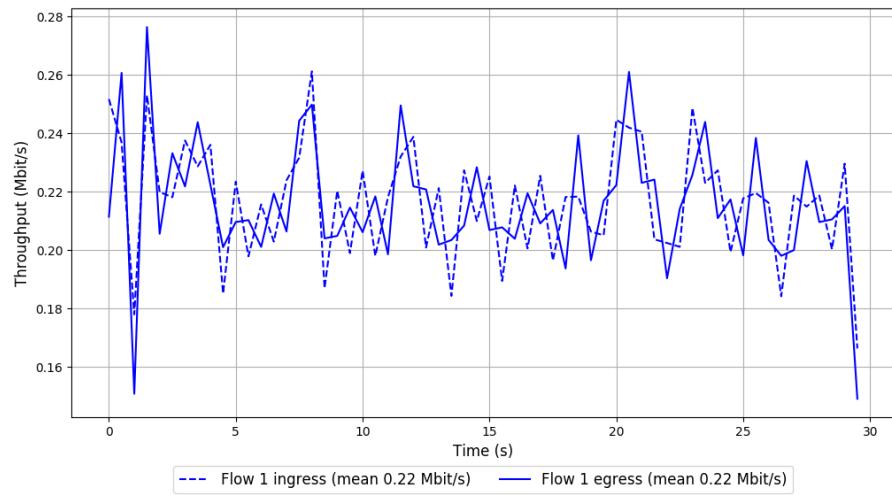


Run 2: Statistics of SCReAM

```
Start at: 2018-03-14 21:26:12
End at: 2018-03-14 21:26:42
Local clock offset: -5.238 ms
Remote clock offset: -4.373 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.160 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.160 ms
Loss rate: 0.38%
```

Run 2: Report of SCReAM — Data Link

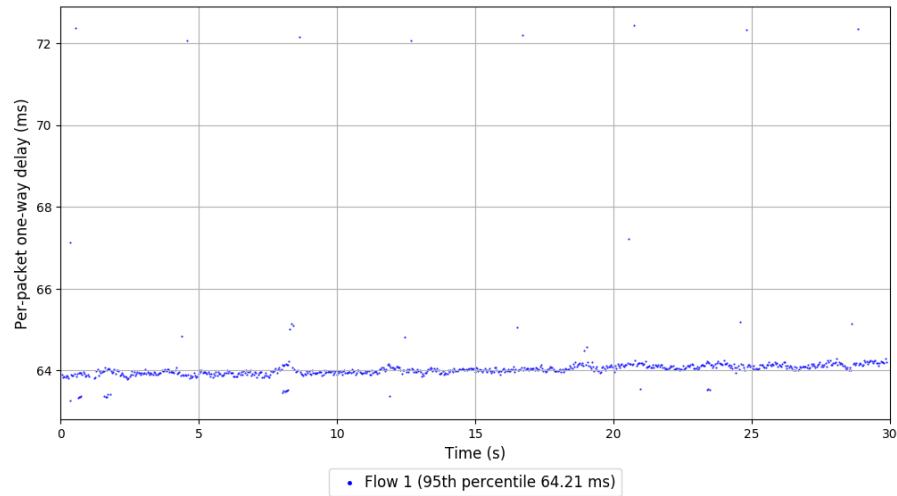
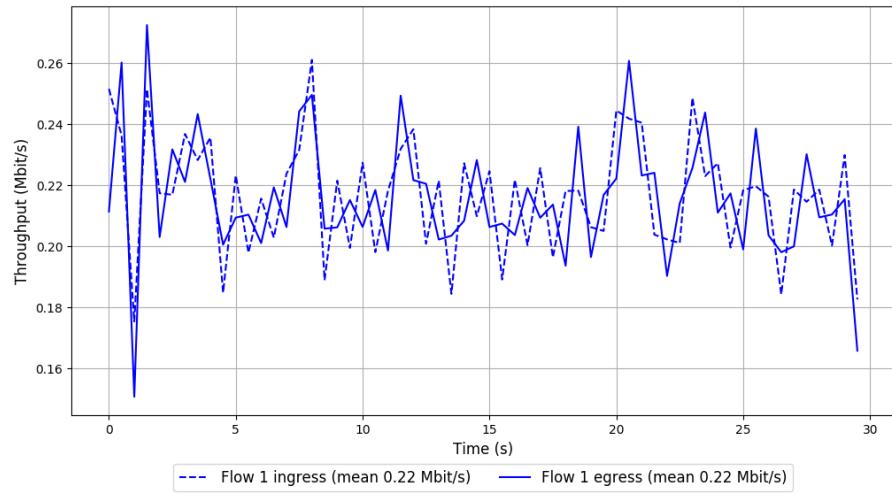


Run 3: Statistics of SCReAM

```
Start at: 2018-03-14 21:50:01
End at: 2018-03-14 21:50:31
Local clock offset: -12.078 ms
Remote clock offset: 0.16 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.211 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.211 ms
Loss rate: 0.38%
```

Run 3: Report of SCReAM — Data Link

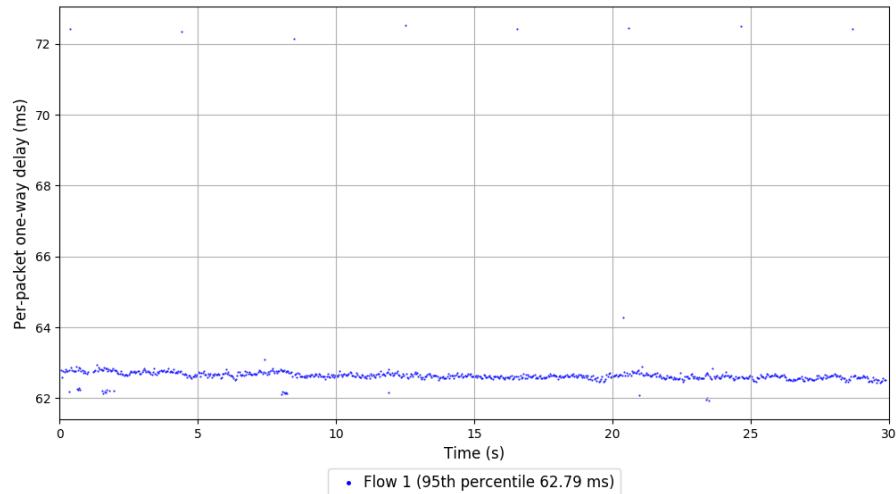
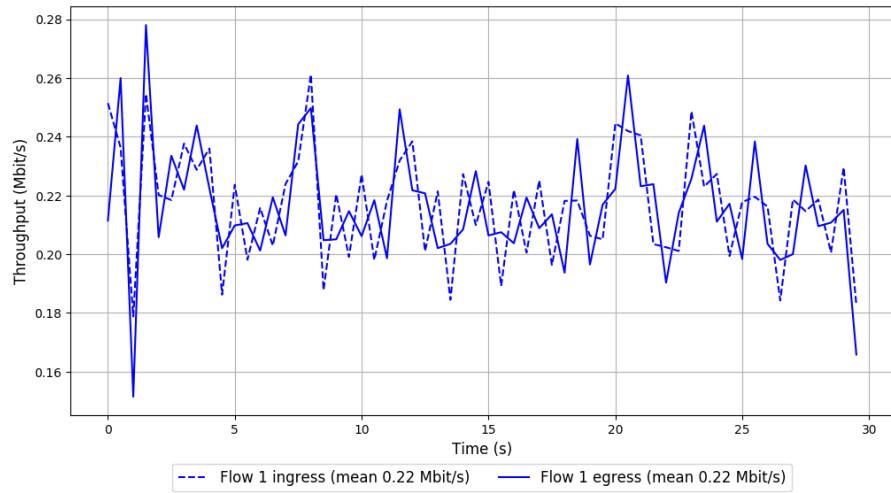


Run 4: Statistics of SCReAM

```
Start at: 2018-03-14 22:13:25
End at: 2018-03-14 22:13:55
Local clock offset: 1.333 ms
Remote clock offset: -4.512 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.792 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.792 ms
Loss rate: 0.38%
```

Run 4: Report of SCReAM — Data Link

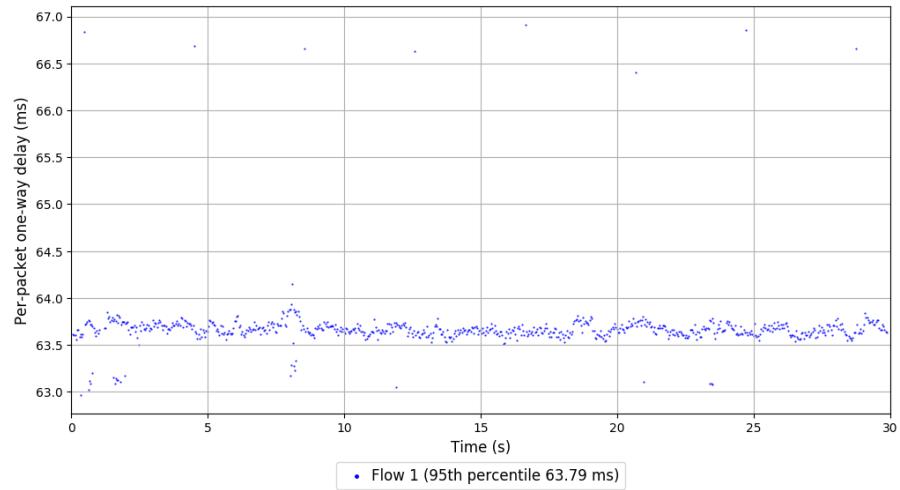
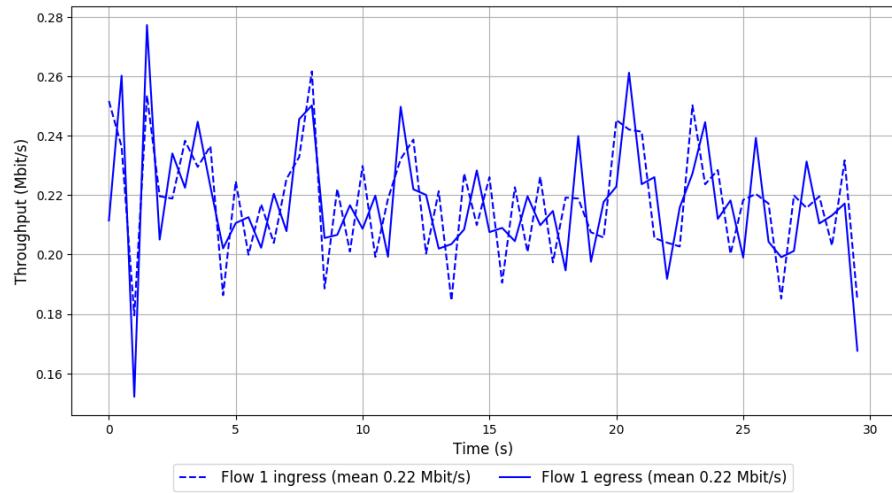


Run 5: Statistics of SCReAM

```
Start at: 2018-03-14 22:36:44
End at: 2018-03-14 22:37:14
Local clock offset: -0.009 ms
Remote clock offset: -9.092 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.786 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.786 ms
Loss rate: 0.38%
```

Run 5: Report of SCReAM — Data Link

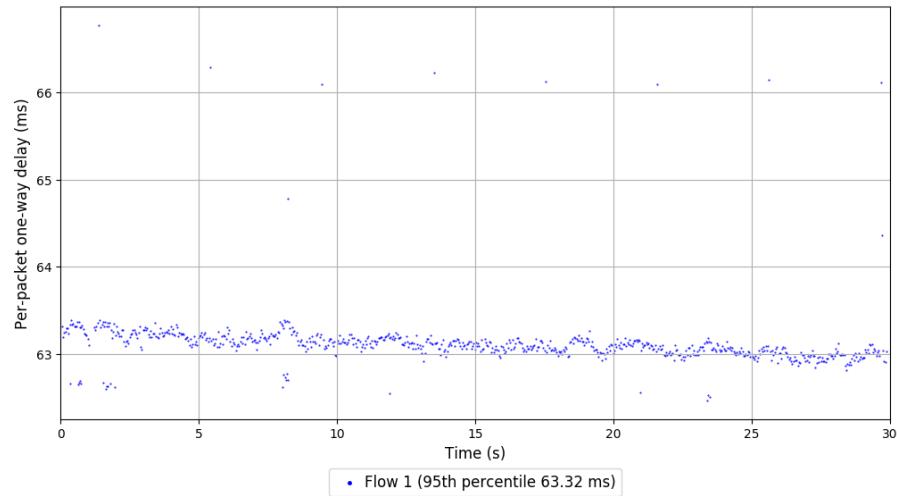
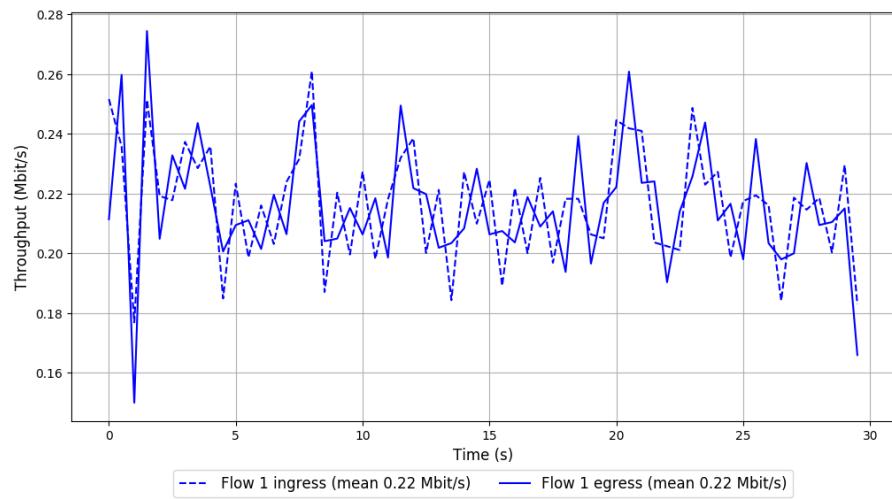


Run 6: Statistics of SCReAM

```
Start at: 2018-03-14 23:00:02
End at: 2018-03-14 23:00:32
Local clock offset: -2.888 ms
Remote clock offset: -0.055 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.319 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.319 ms
Loss rate: 0.38%
```

Run 6: Report of SCReAM — Data Link

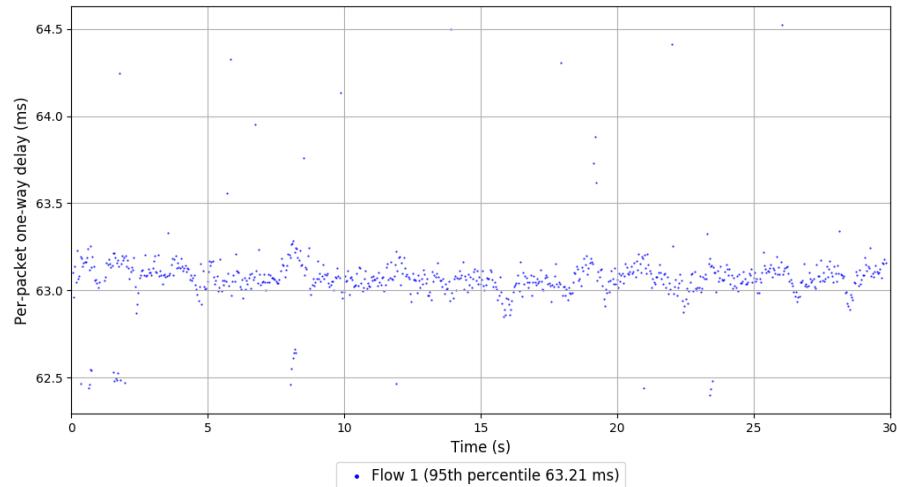
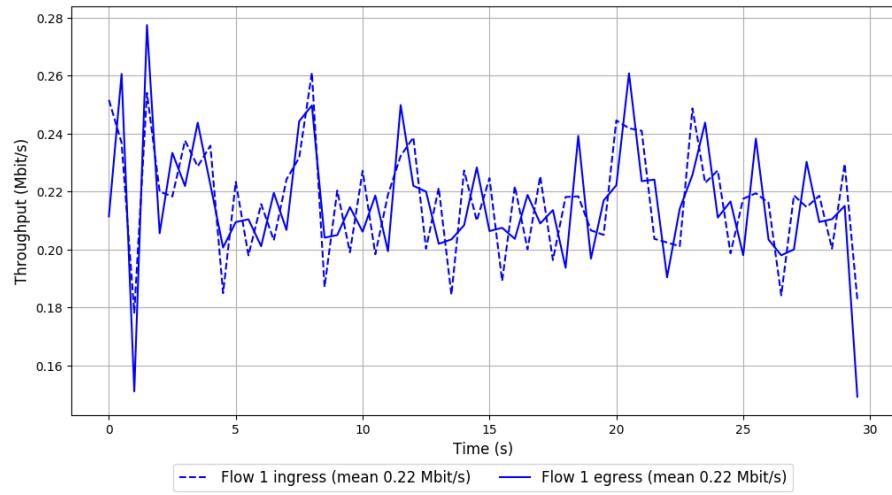


Run 7: Statistics of SCReAM

```
Start at: 2018-03-14 23:23:20
End at: 2018-03-14 23:23:50
Local clock offset: 2.37 ms
Remote clock offset: 0.136 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.206 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.206 ms
Loss rate: 0.51%
```

Run 7: Report of SCReAM — Data Link

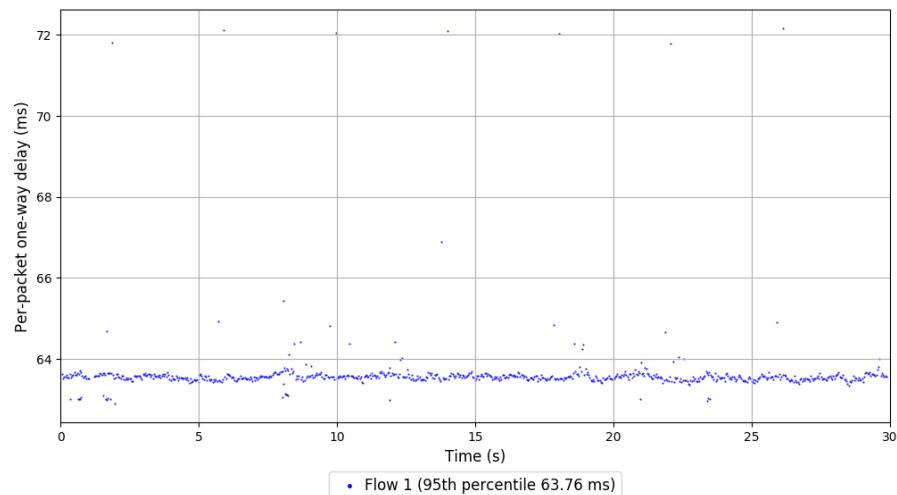
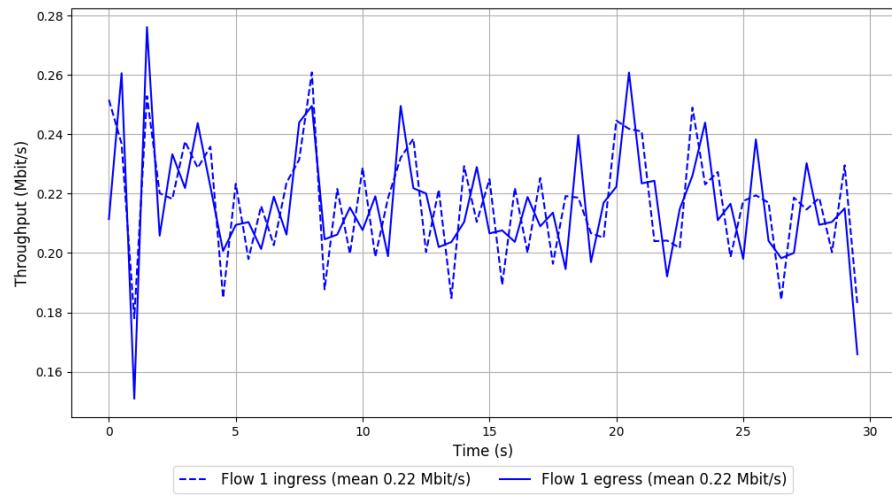


Run 8: Statistics of SCReAM

```
Start at: 2018-03-14 23:46:37
End at: 2018-03-14 23:47:07
Local clock offset: 4.44 ms
Remote clock offset: 0.303 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.760 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.760 ms
Loss rate: 0.38%
```

Run 8: Report of SCReAM — Data Link

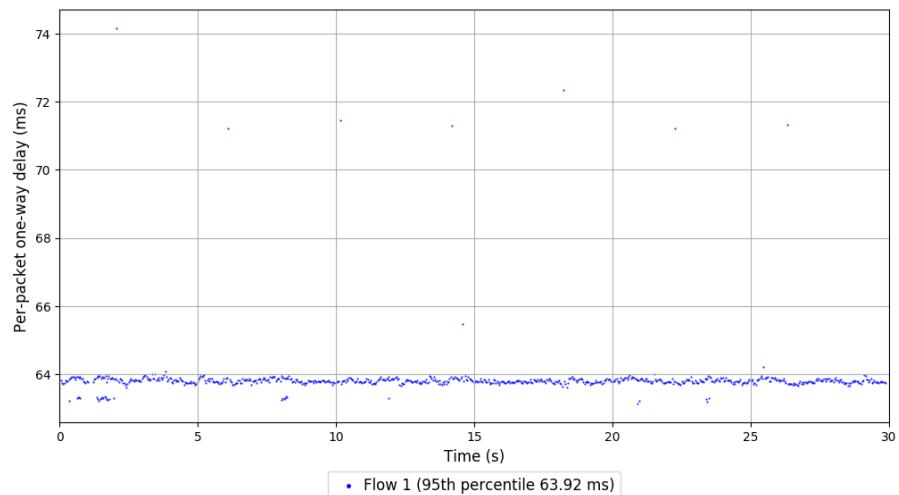
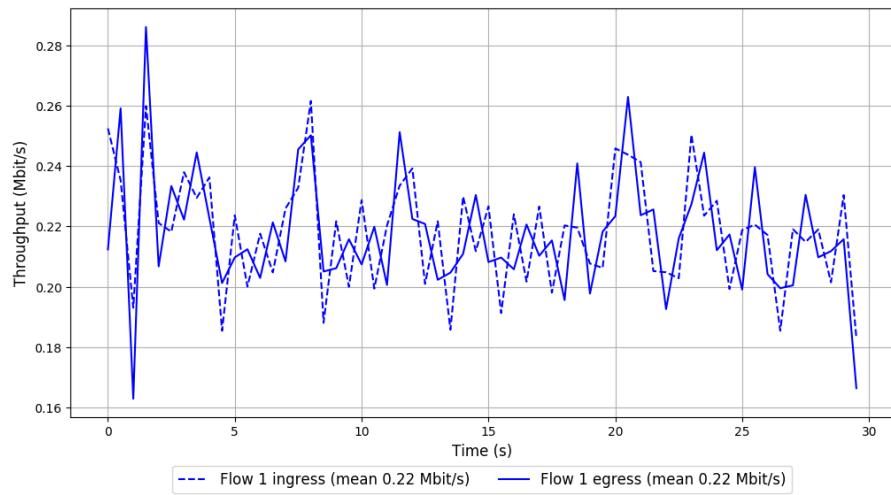


Run 9: Statistics of SCReAM

```
Start at: 2018-03-15 00:09:55
End at: 2018-03-15 00:10:25
Local clock offset: 5.239 ms
Remote clock offset: 0.186 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.925 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.925 ms
Loss rate: 0.38%
```

Run 9: Report of SCReAM — Data Link

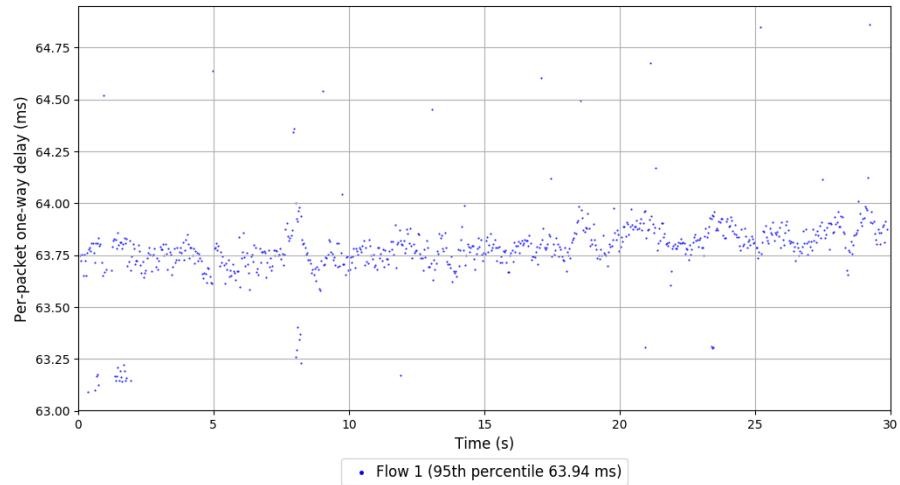
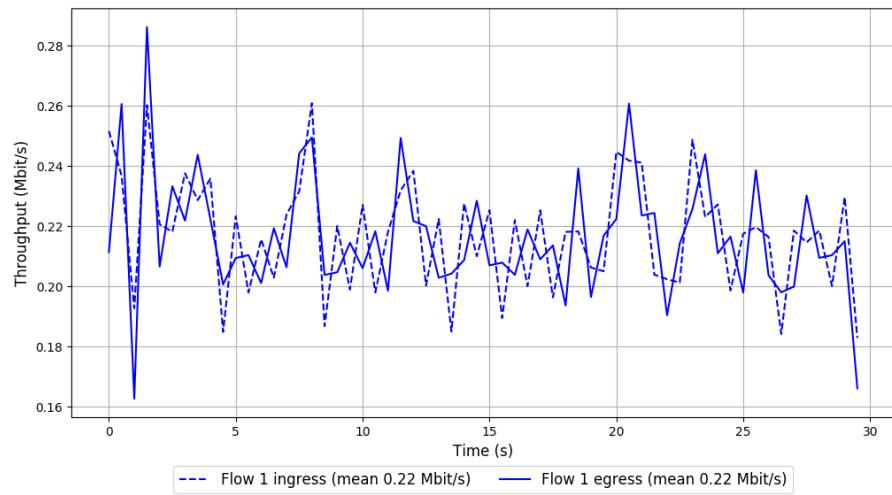


Run 10: Statistics of SCReAM

```
Start at: 2018-03-15 00:33:59
End at: 2018-03-15 00:34:29
Local clock offset: 5.822 ms
Remote clock offset: 8.781 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.938 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.938 ms
Loss rate: 0.38%
```

Run 10: Report of SCReAM — Data Link

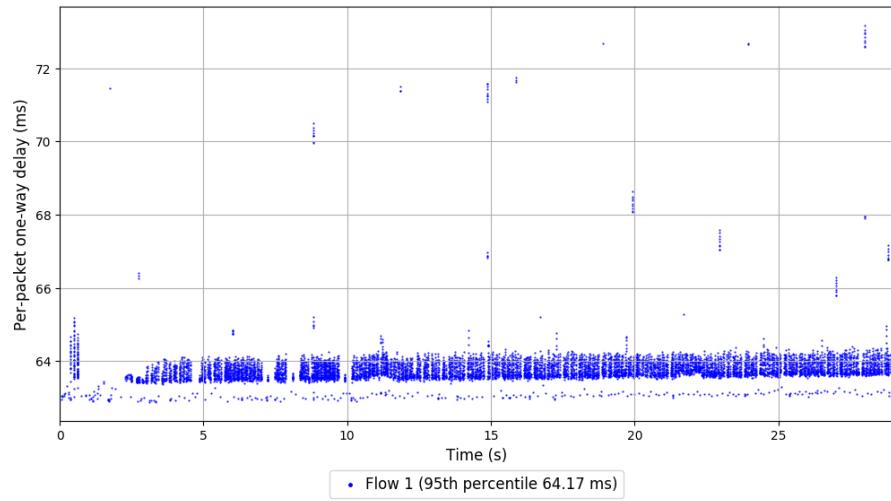
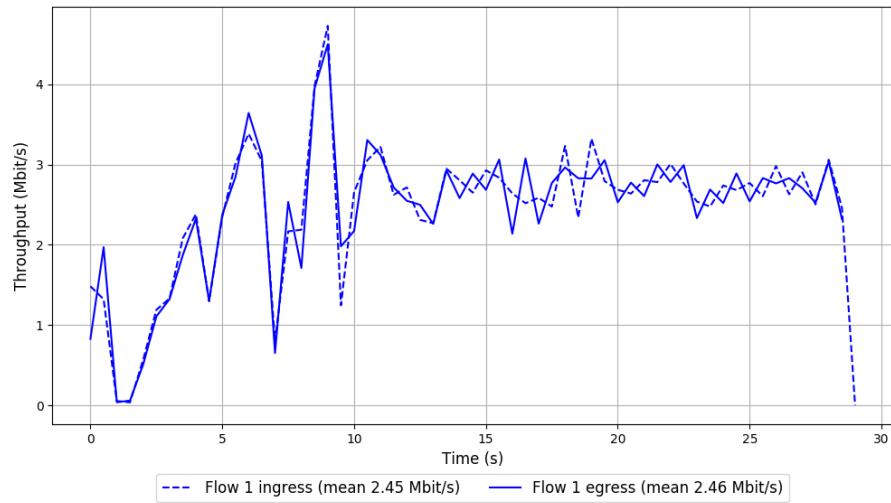


```
Run 1: Statistics of WebRTC media

Start at: 2018-03-14 21:08:51
End at: 2018-03-14 21:09:21
Local clock offset: -5.676 ms
Remote clock offset: -3.26 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 64.171 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 64.171 ms
Loss rate: 0.42%
```

Run 1: Report of WebRTC media — Data Link

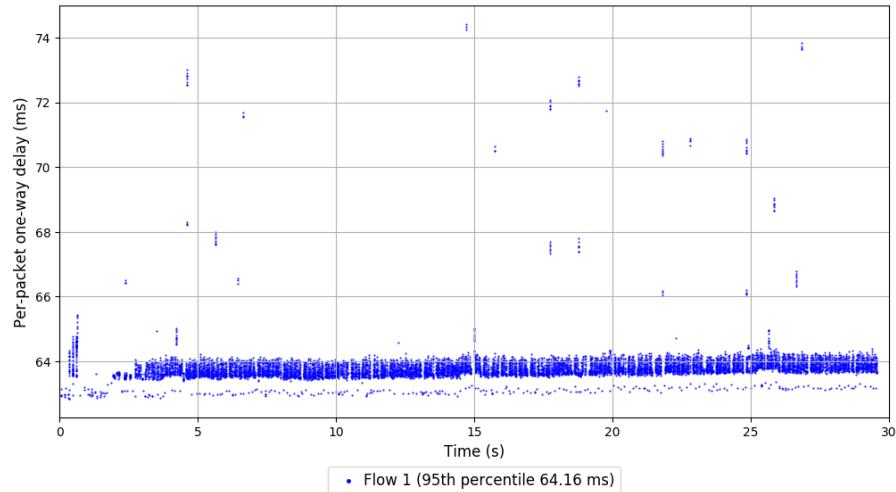
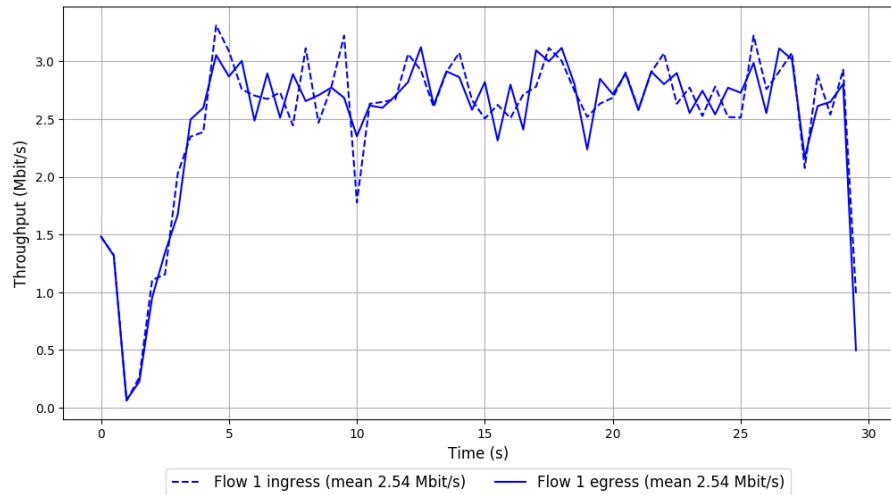


Run 2: Statistics of WebRTC media

```
Start at: 2018-03-14 21:32:44
End at: 2018-03-14 21:33:14
Local clock offset: -6.09 ms
Remote clock offset: -3.831 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 64.161 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 64.161 ms
Loss rate: 0.65%
```

Run 2: Report of WebRTC media — Data Link

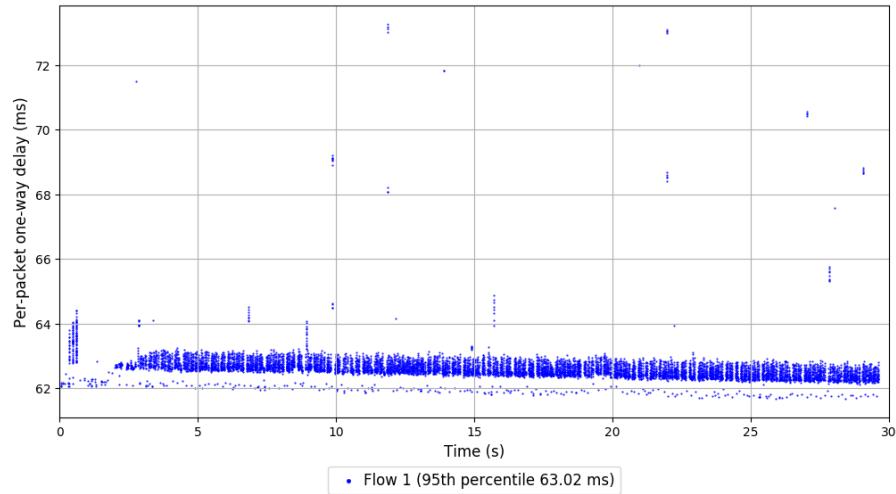
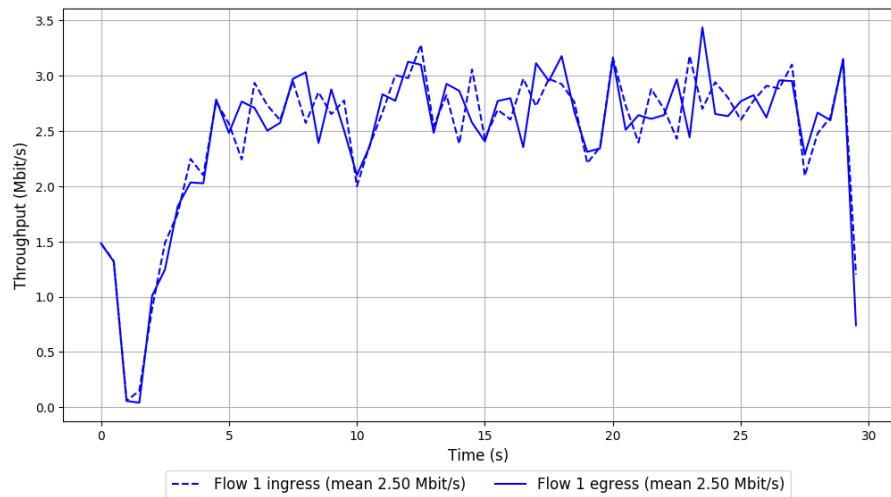


Run 3: Statistics of WebRTC media

```
Start at: 2018-03-14 21:56:09
End at: 2018-03-14 21:56:39
Local clock offset: -4.977 ms
Remote clock offset: 0.669 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 63.018 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 63.018 ms
Loss rate: 0.47%
```

Run 3: Report of WebRTC media — Data Link

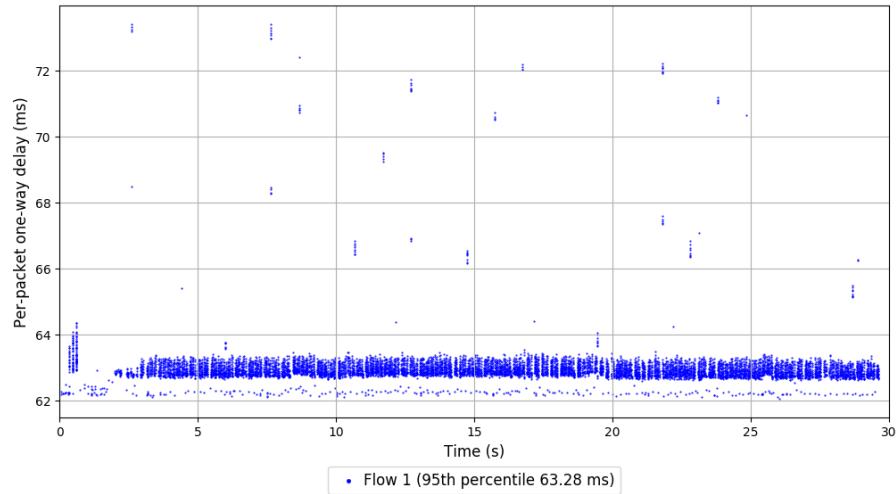
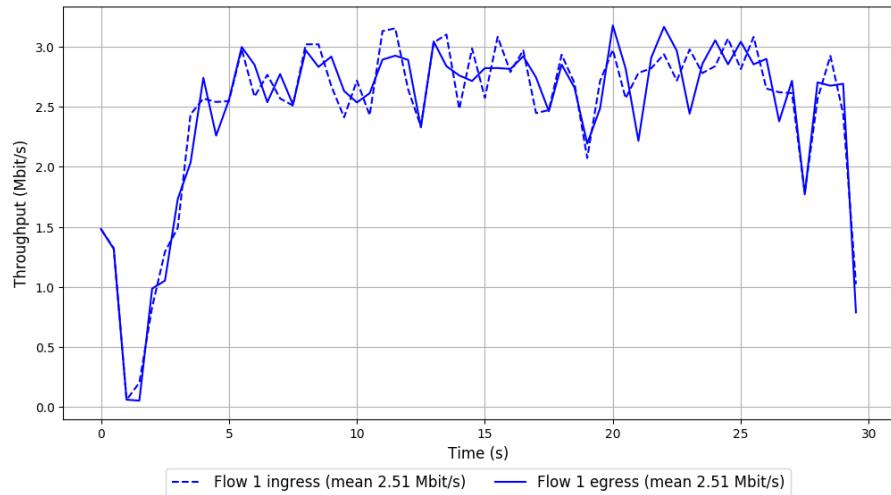


Run 4: Statistics of WebRTC media

```
Start at: 2018-03-14 22:19:34
End at: 2018-03-14 22:20:04
Local clock offset: 1.0 ms
Remote clock offset: -6.562 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 63.276 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 63.276 ms
Loss rate: 0.31%
```

Run 4: Report of WebRTC media — Data Link

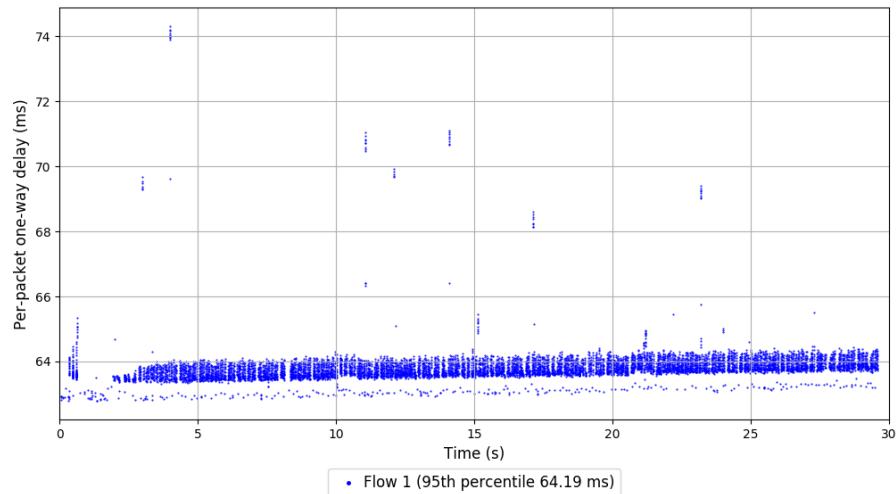
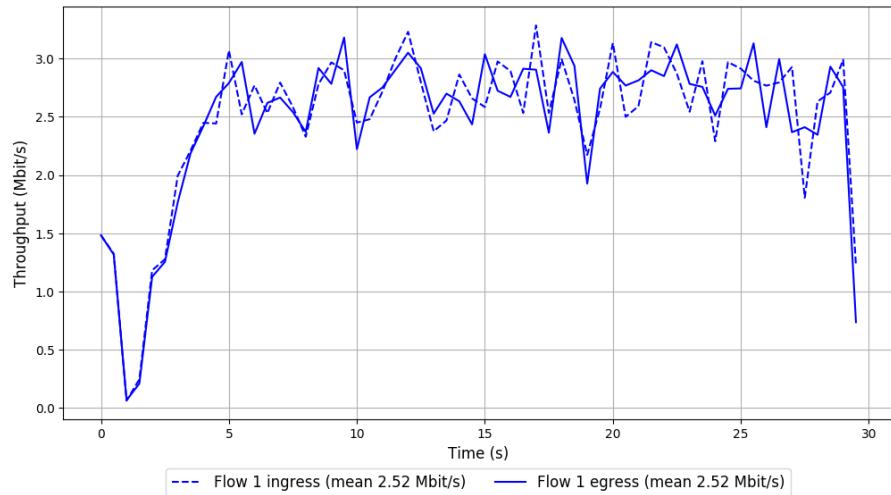


```
Run 5: Statistics of WebRTC media

Start at: 2018-03-14 22:42:53
End at: 2018-03-14 22:43:23
Local clock offset: -1.437 ms
Remote clock offset: -6.364 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 64.191 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 64.191 ms
Loss rate: 0.65%
```

Run 5: Report of WebRTC media — Data Link

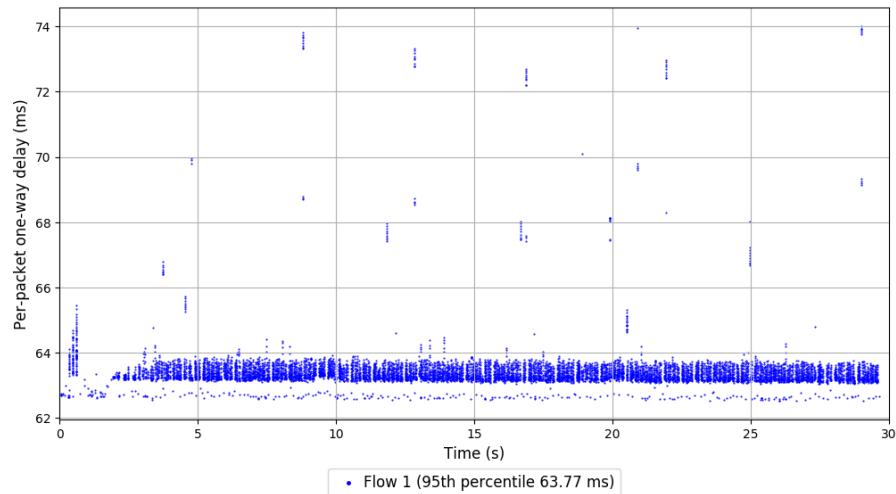
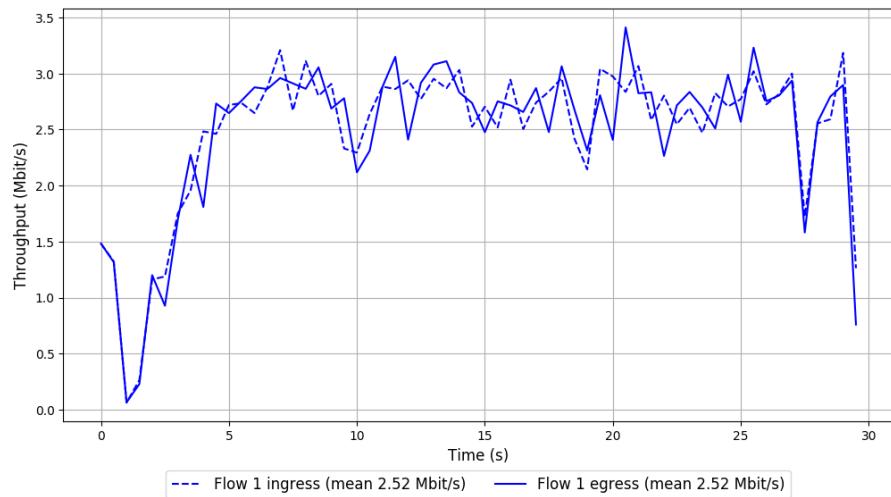


Run 6: Statistics of WebRTC media

```
Start at: 2018-03-14 23:06:10
End at: 2018-03-14 23:06:40
Local clock offset: 0.342 ms
Remote clock offset: 0.922 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 63.766 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 63.766 ms
Loss rate: 0.67%
```

Run 6: Report of WebRTC media — Data Link

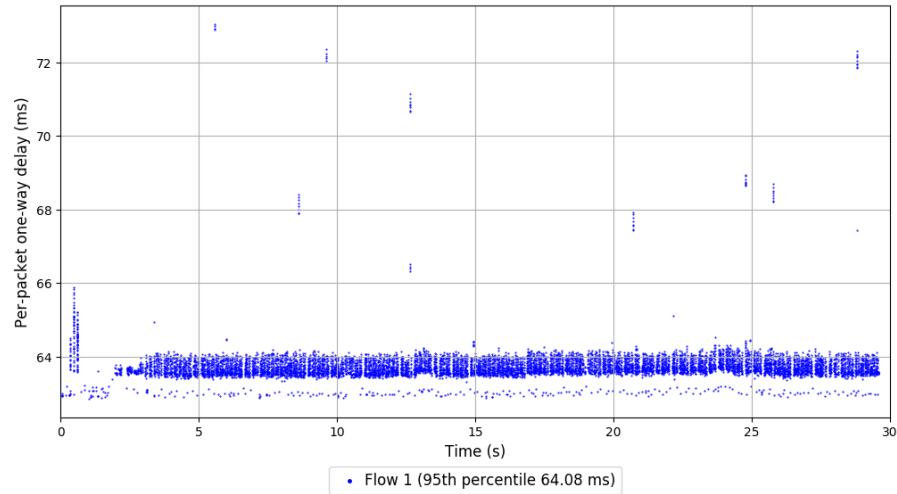
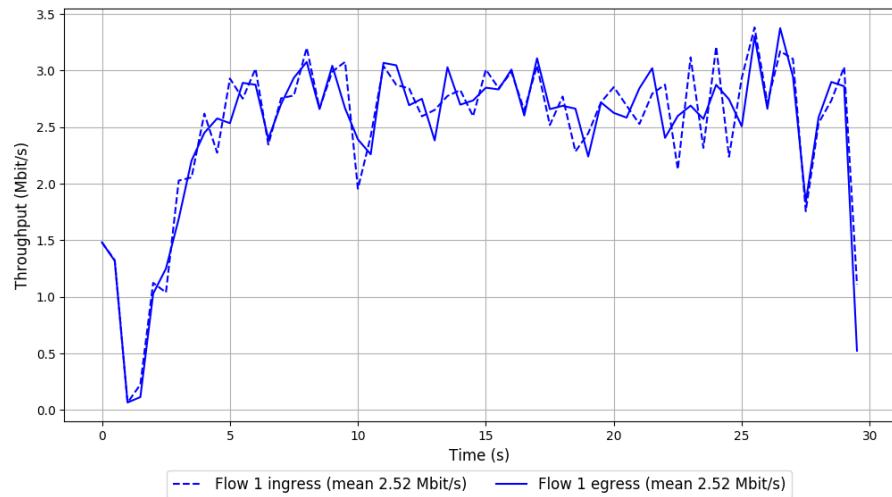


Run 7: Statistics of WebRTC media

```
Start at: 2018-03-14 23:29:28
End at: 2018-03-14 23:29:58
Local clock offset: 2.459 ms
Remote clock offset: -0.099 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 64.080 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 64.080 ms
Loss rate: 0.65%
```

Run 7: Report of WebRTC media — Data Link

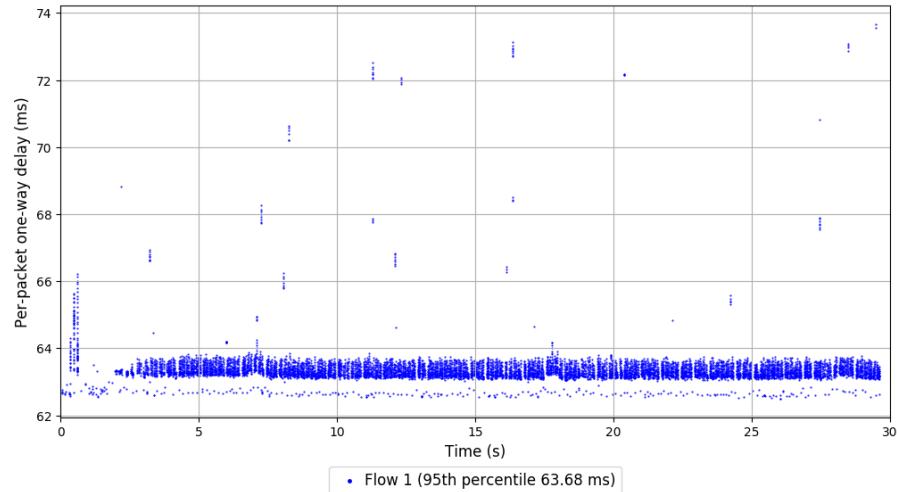
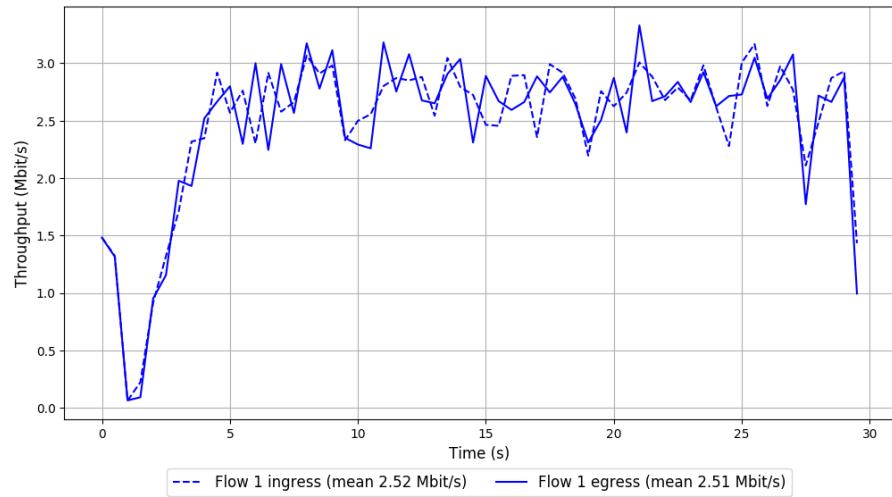


Run 8: Statistics of WebRTC media

```
Start at: 2018-03-14 23:52:46
End at: 2018-03-14 23:53:16
Local clock offset: 4.886 ms
Remote clock offset: 0.141 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 63.677 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 63.677 ms
Loss rate: 0.64%
```

Run 8: Report of WebRTC media — Data Link

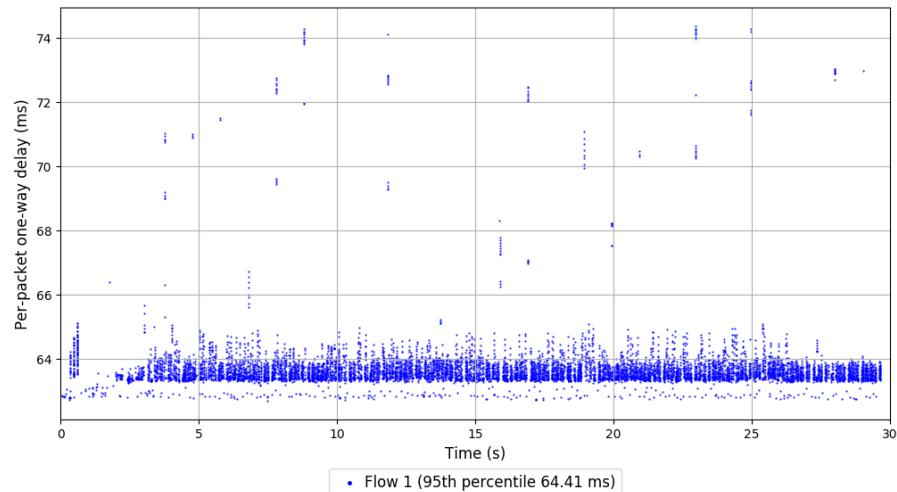
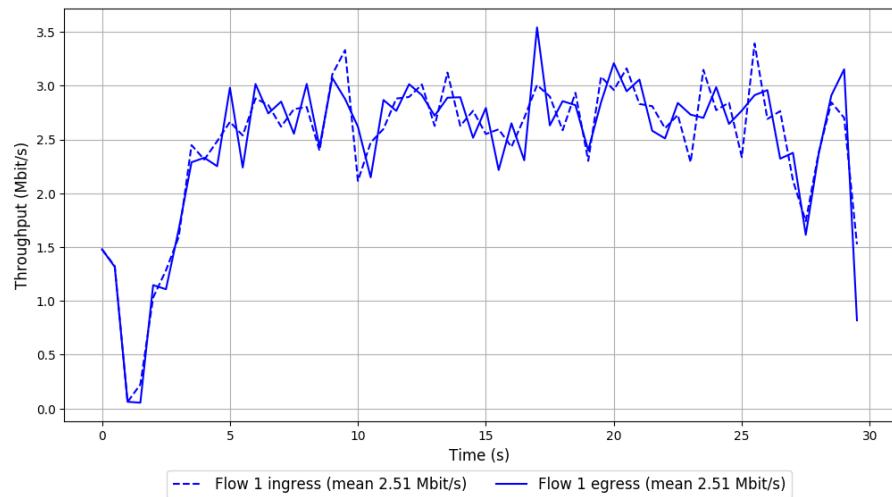


Run 9: Statistics of WebRTC media

```
Start at: 2018-03-15 00:16:02
End at: 2018-03-15 00:16:32
Local clock offset: 5.393 ms
Remote clock offset: 0.322 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 64.409 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 64.409 ms
Loss rate: 0.49%
```

Run 9: Report of WebRTC media — Data Link

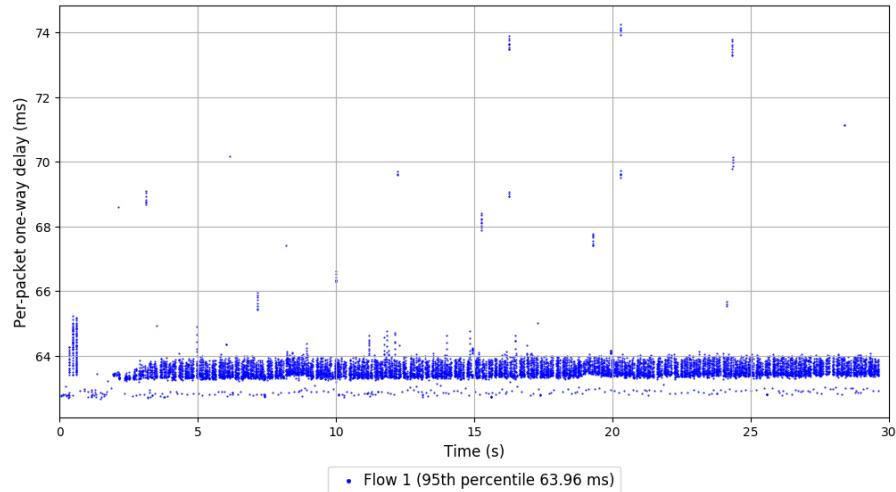
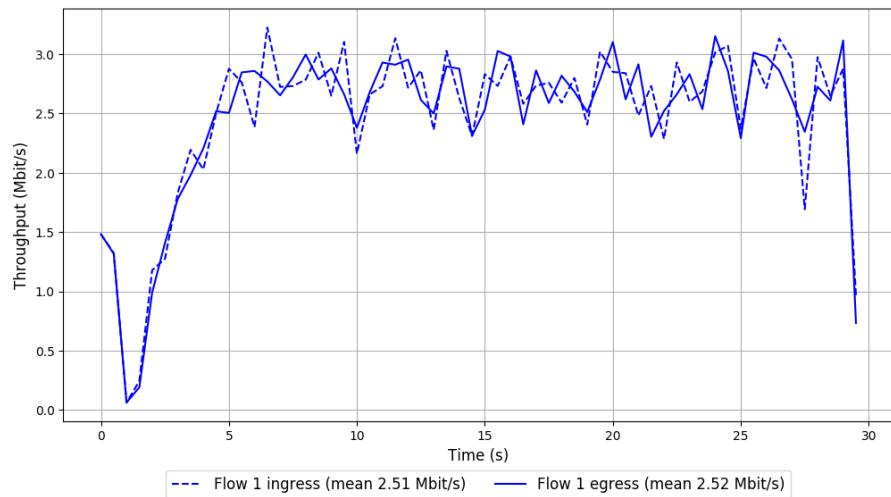


```
Run 10: Statistics of WebRTC media
```

```
Start at: 2018-03-15 00:40:08
End at: 2018-03-15 00:40:38
Local clock offset: 5.843 ms
Remote clock offset: 10.665 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 63.961 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 63.961 ms
Loss rate: 0.31%
```

Run 10: Report of WebRTC media — Data Link

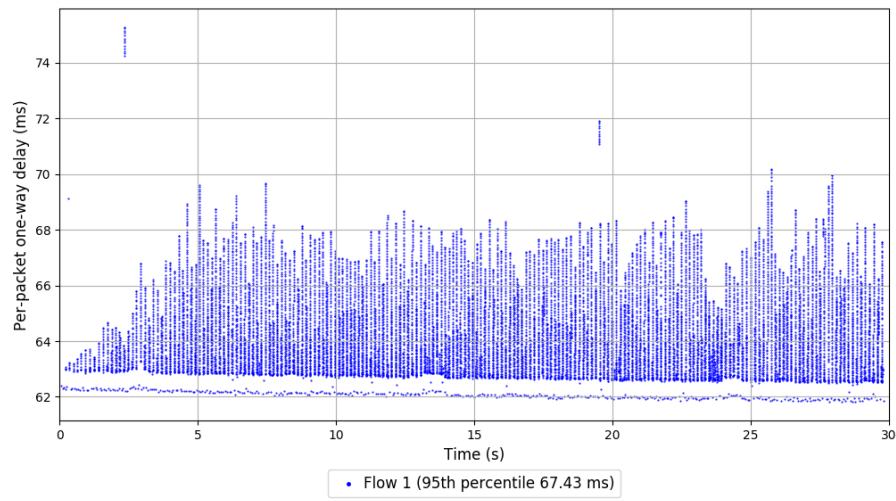
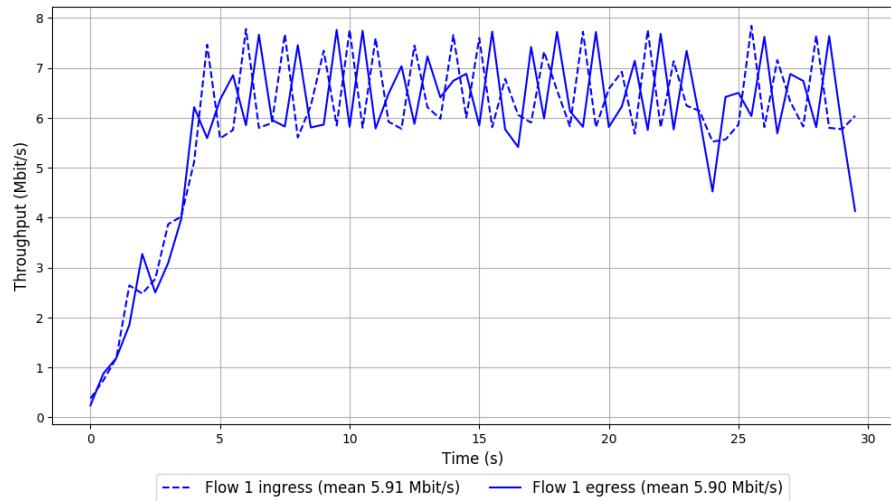


Run 1: Statistics of Sprout

```
Start at: 2018-03-14 20:52:53
End at: 2018-03-14 20:53:23
Local clock offset: -3.397 ms
Remote clock offset: -0.7 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.90 Mbit/s
95th percentile per-packet one-way delay: 67.426 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 5.90 Mbit/s
95th percentile per-packet one-way delay: 67.426 ms
Loss rate: 0.55%
```

Run 1: Report of Sprout — Data Link

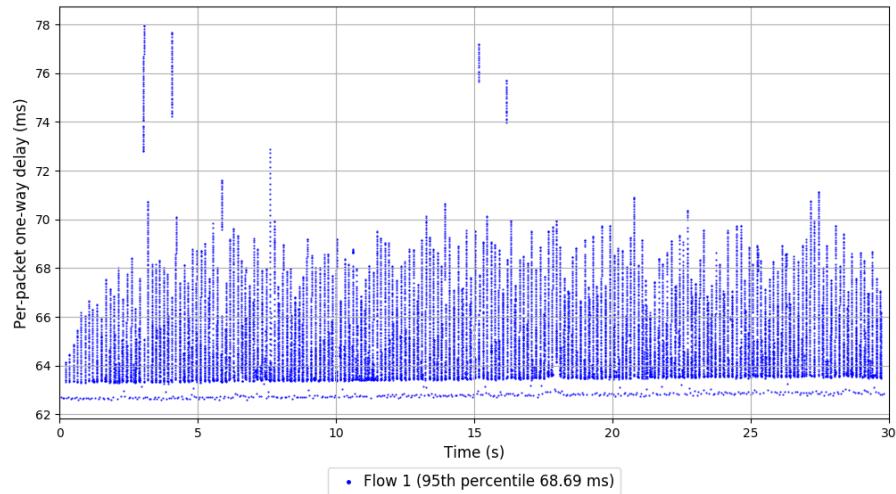
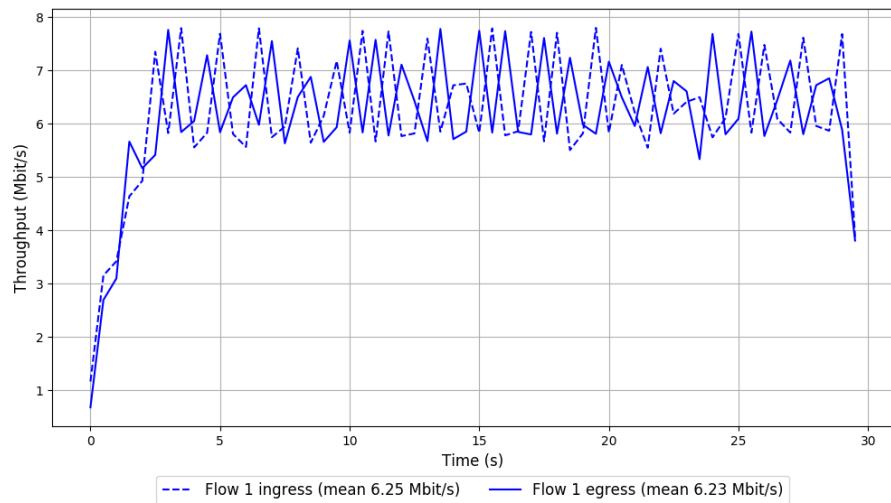


Run 2: Statistics of Sprout

```
Start at: 2018-03-14 21:16:11
End at: 2018-03-14 21:16:41
Local clock offset: -10.894 ms
Remote clock offset: -3.788 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.23 Mbit/s
95th percentile per-packet one-way delay: 68.685 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 6.23 Mbit/s
95th percentile per-packet one-way delay: 68.685 ms
Loss rate: 0.52%
```

Run 2: Report of Sprout — Data Link

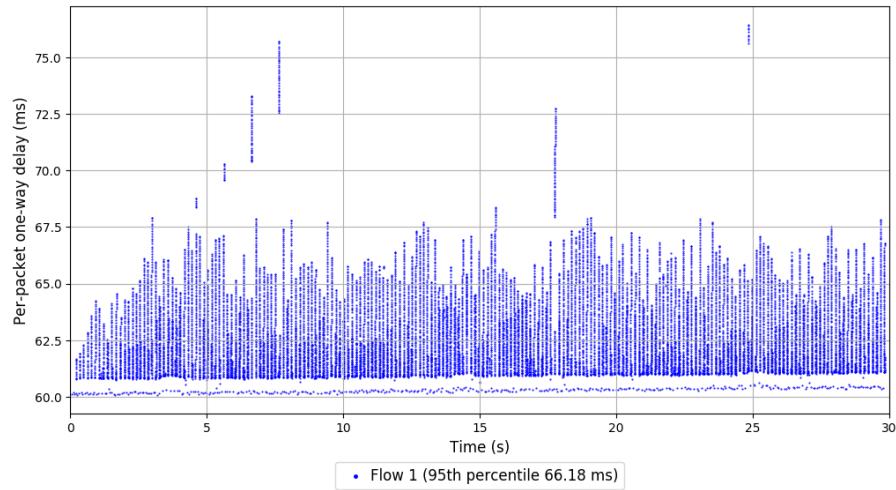
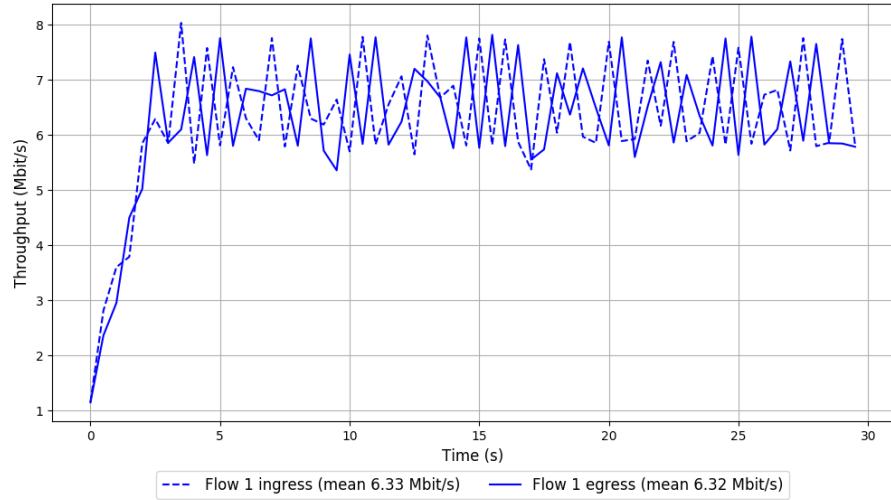


Run 3: Statistics of Sprout

```
Start at: 2018-03-14 21:40:08
End at: 2018-03-14 21:40:38
Local clock offset: -10.734 ms
Remote clock offset: -1.352 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.32 Mbit/s
95th percentile per-packet one-way delay: 66.178 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 6.32 Mbit/s
95th percentile per-packet one-way delay: 66.178 ms
Loss rate: 0.51%
```

Run 3: Report of Sprout — Data Link

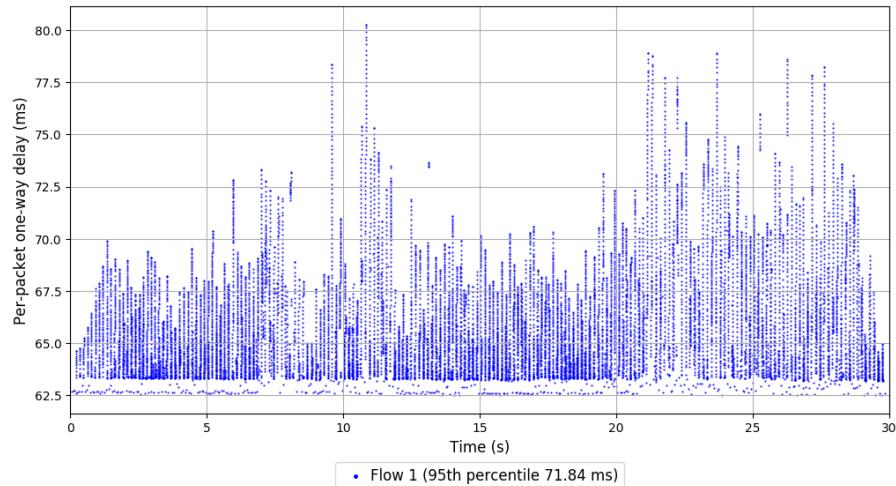
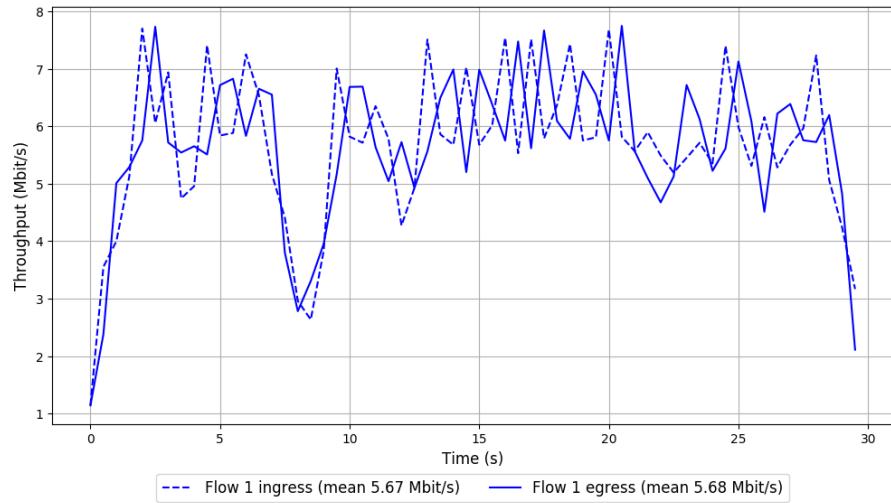


Run 4: Statistics of Sprout

```
Start at: 2018-03-14 22:03:27
End at: 2018-03-14 22:03:57
Local clock offset: 0.376 ms
Remote clock offset: 1.281 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: 71.836 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: 71.836 ms
Loss rate: 0.31%
```

Run 4: Report of Sprout — Data Link

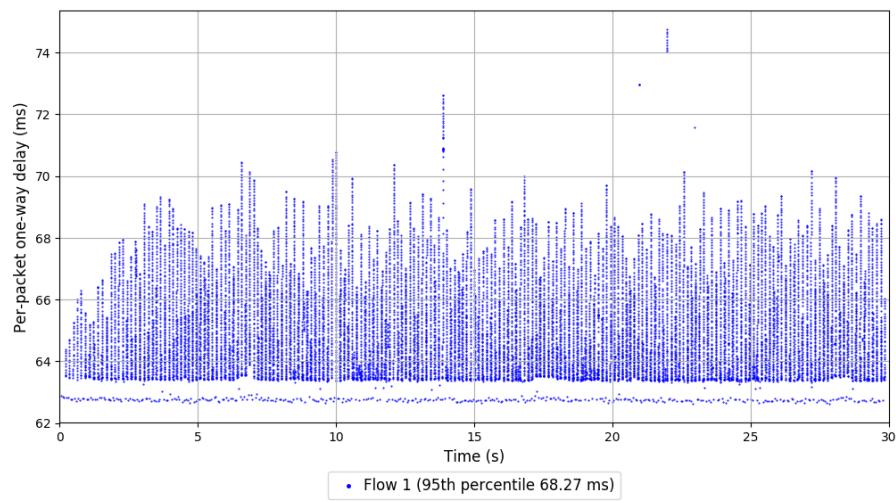
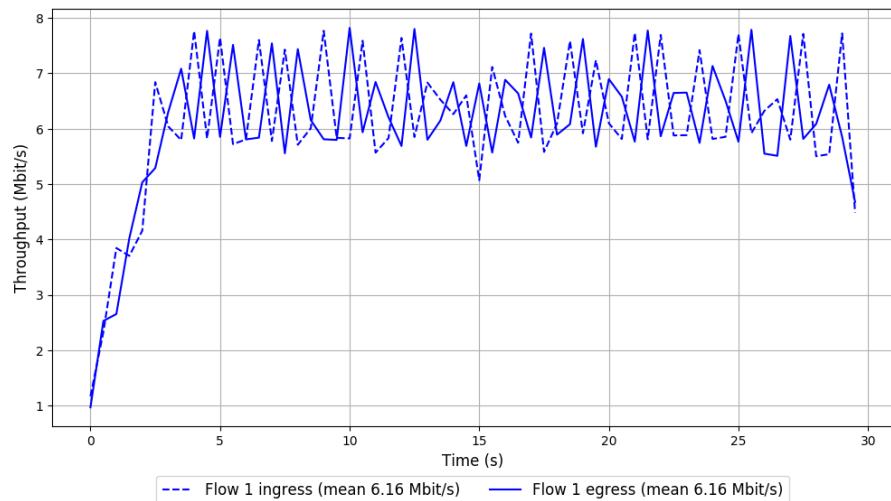


Run 5: Statistics of Sprout

```
Start at: 2018-03-14 22:26:52
End at: 2018-03-14 22:27:22
Local clock offset: 0.849 ms
Remote clock offset: -7.878 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 68.272 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 68.272 ms
Loss rate: 0.47%
```

Run 5: Report of Sprout — Data Link

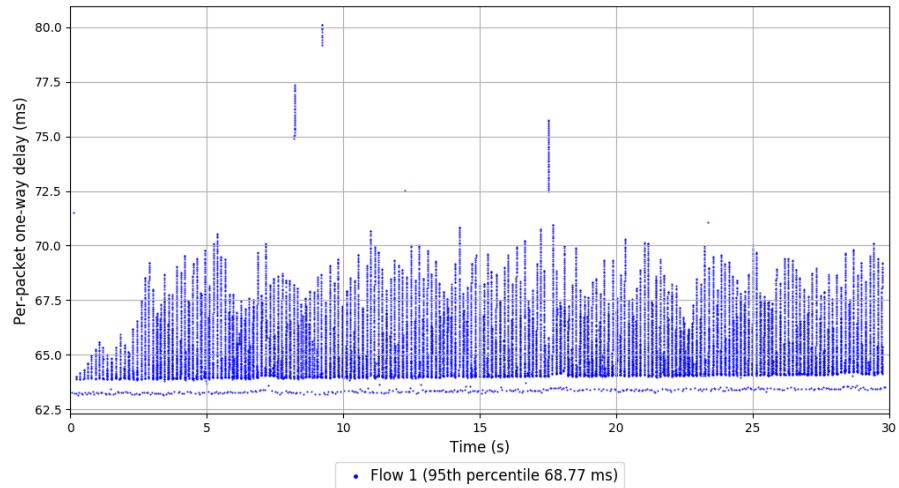
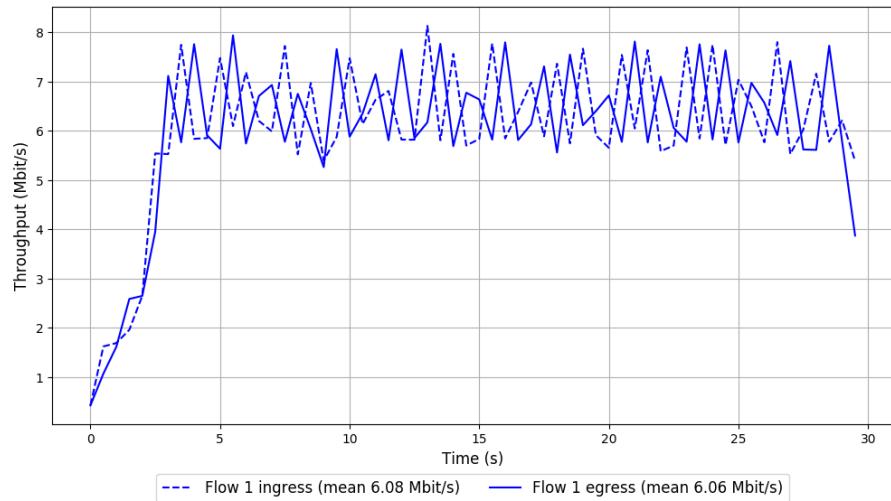


Run 6: Statistics of Sprout

```
Start at: 2018-03-14 22:50:11
End at: 2018-03-14 22:50:41
Local clock offset: -1.869 ms
Remote clock offset: -2.559 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.06 Mbit/s
95th percentile per-packet one-way delay: 68.766 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 6.06 Mbit/s
95th percentile per-packet one-way delay: 68.766 ms
Loss rate: 0.54%
```

Run 6: Report of Sprout — Data Link

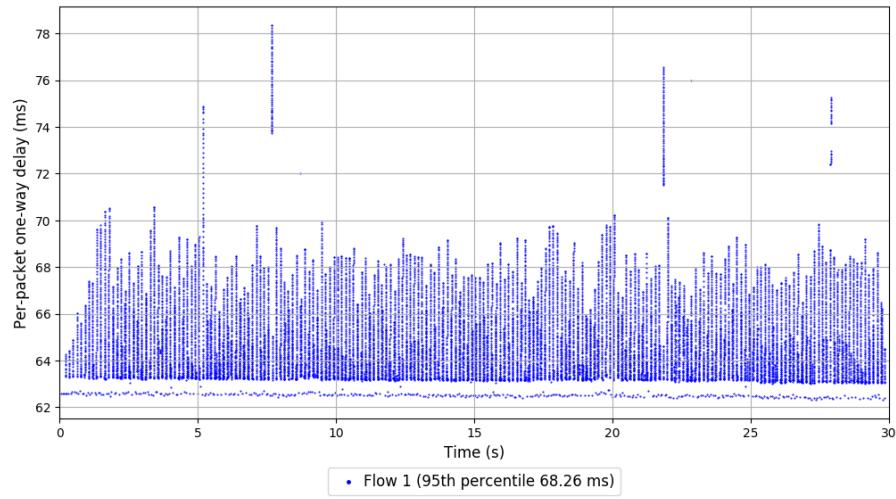
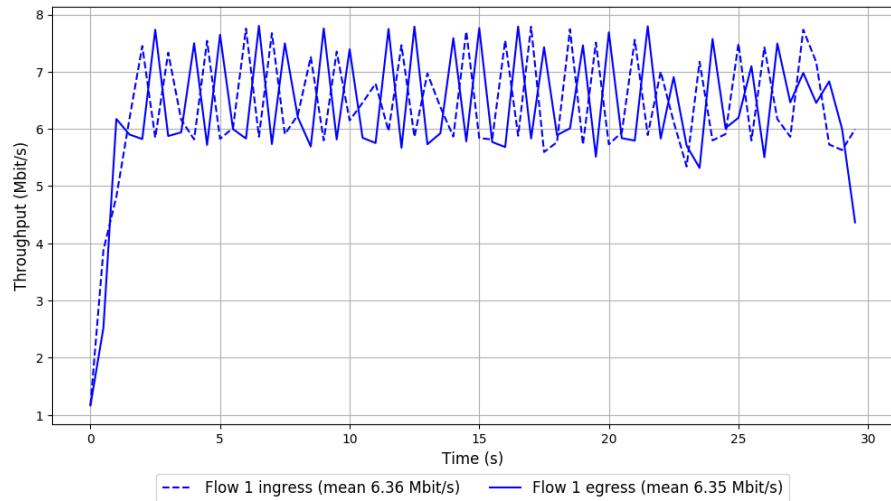


Run 7: Statistics of Sprout

```
Start at: 2018-03-14 23:13:28
End at: 2018-03-14 23:13:58
Local clock offset: 2.106 ms
Remote clock offset: 1.949 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.35 Mbit/s
95th percentile per-packet one-way delay: 68.264 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 6.35 Mbit/s
95th percentile per-packet one-way delay: 68.264 ms
Loss rate: 0.43%
```

Run 7: Report of Sprout — Data Link

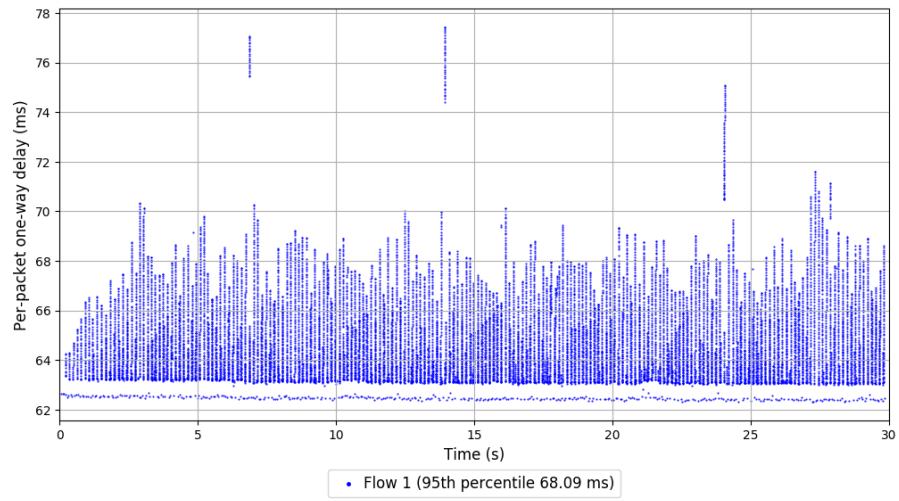
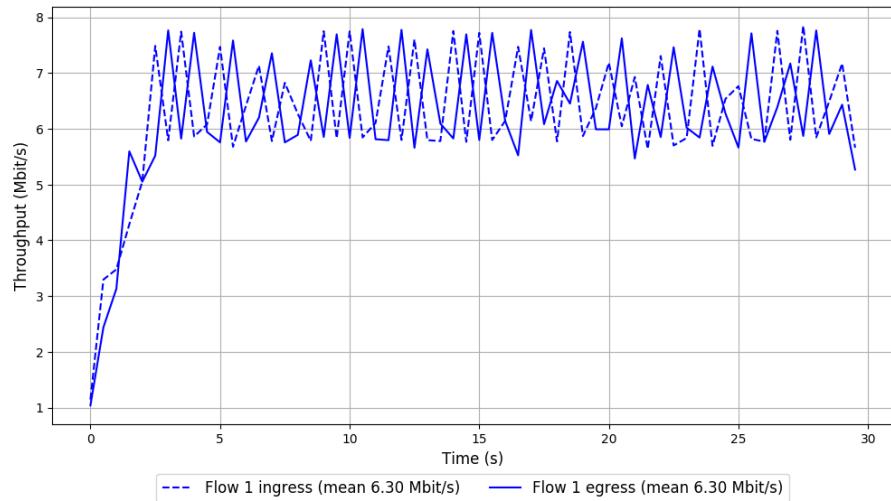


Run 8: Statistics of Sprout

```
Start at: 2018-03-14 23:36:47
End at: 2018-03-14 23:37:17
Local clock offset: 3.058 ms
Remote clock offset: 0.04 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.30 Mbit/s
95th percentile per-packet one-way delay: 68.095 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 6.30 Mbit/s
95th percentile per-packet one-way delay: 68.095 ms
Loss rate: 0.47%
```

Run 8: Report of Sprout — Data Link

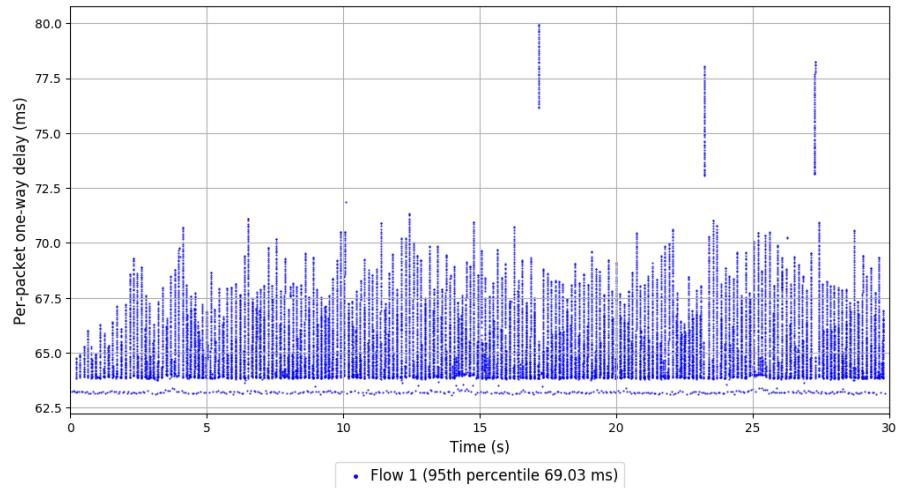
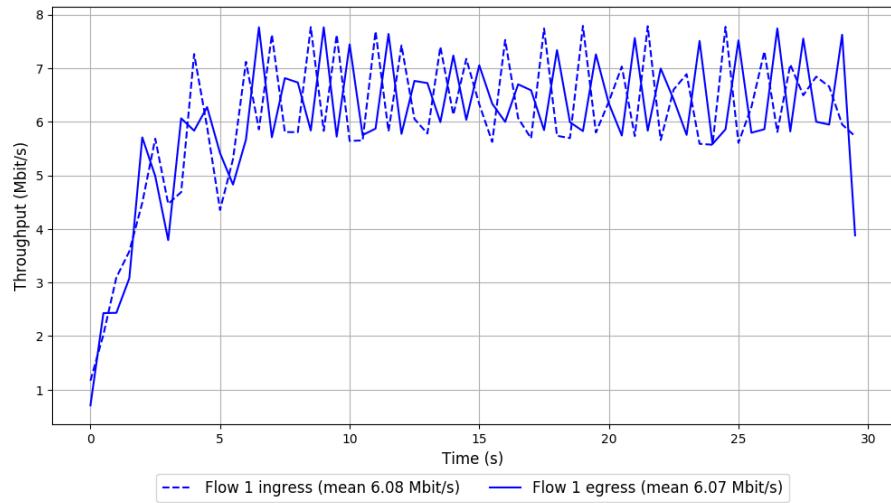


Run 9: Statistics of Sprout

```
Start at: 2018-03-15 00:00:05
End at: 2018-03-15 00:00:35
Local clock offset: 4.872 ms
Remote clock offset: 0.079 ms

# Below is generated by plot.py at 2018-03-15 04:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.07 Mbit/s
95th percentile per-packet one-way delay: 69.025 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 6.07 Mbit/s
95th percentile per-packet one-way delay: 69.025 ms
Loss rate: 0.53%
```

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

/home/ubuntu/pantheon_data/2018-03-14T20-47-China-to-AWS-Korea-10-runs/sprout_stats_run10.l

Run 10: Report of Sprout — Data Link

Figure is missing

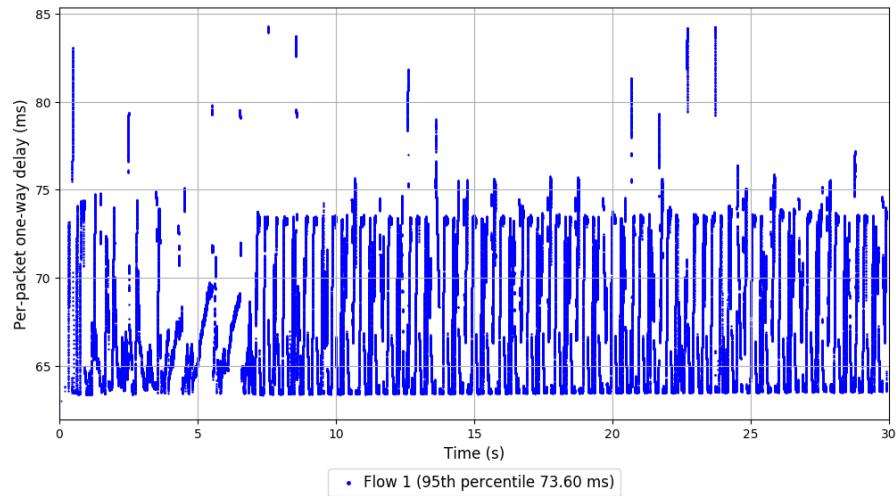
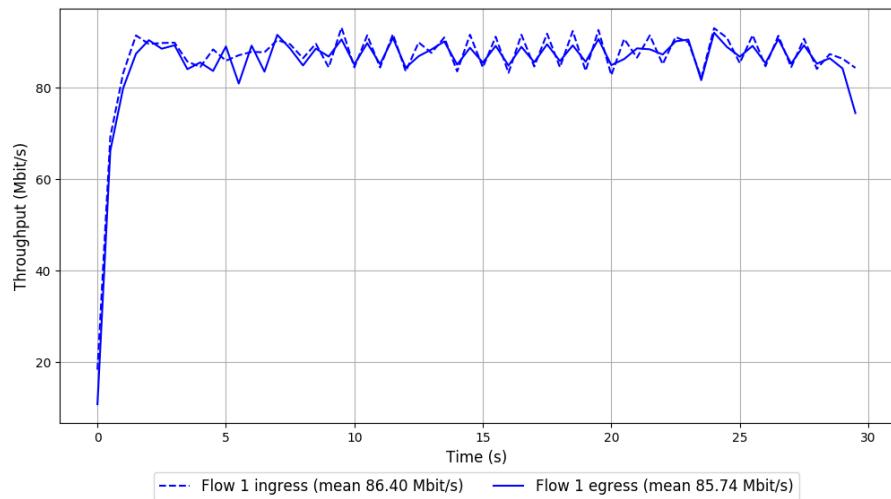
Figure is missing

Run 1: Statistics of TaoVA-100x

```
Start at: 2018-03-14 20:57:46
End at: 2018-03-14 20:58:16
Local clock offset: -3.226 ms
Remote clock offset: -0.96 ms

# Below is generated by plot.py at 2018-03-15 04:52:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.74 Mbit/s
95th percentile per-packet one-way delay: 73.598 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 85.74 Mbit/s
95th percentile per-packet one-way delay: 73.598 ms
Loss rate: 1.18%
```

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

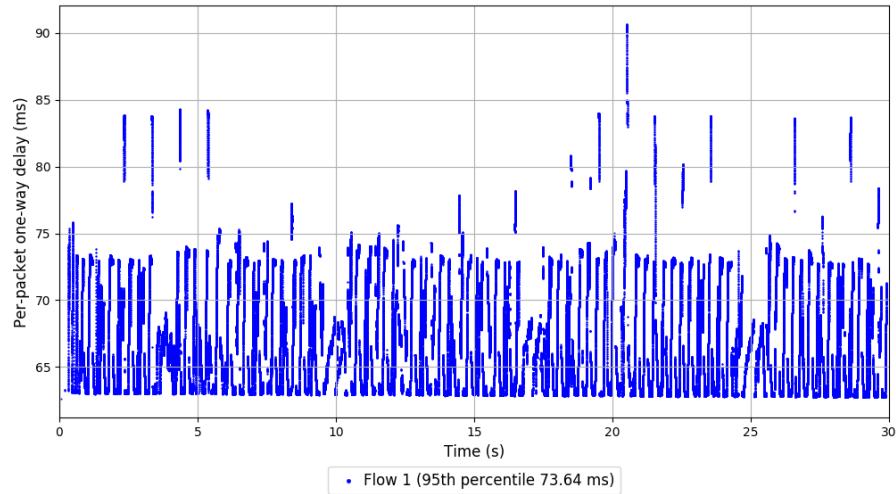
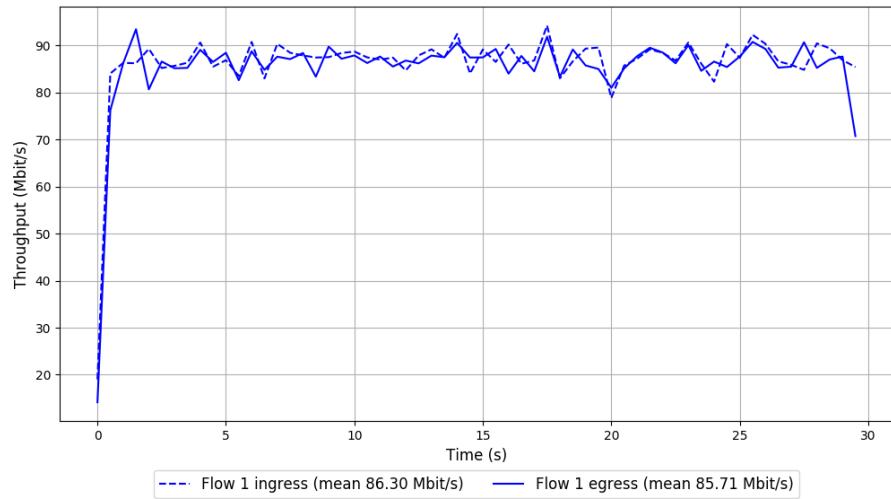


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-03-14 21:21:04
End at: 2018-03-14 21:21:34
Local clock offset: -7.293 ms
Remote clock offset: -4.132 ms

# Below is generated by plot.py at 2018-03-15 04:52:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.71 Mbit/s
95th percentile per-packet one-way delay: 73.635 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 85.71 Mbit/s
95th percentile per-packet one-way delay: 73.635 ms
Loss rate: 1.11%
```

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

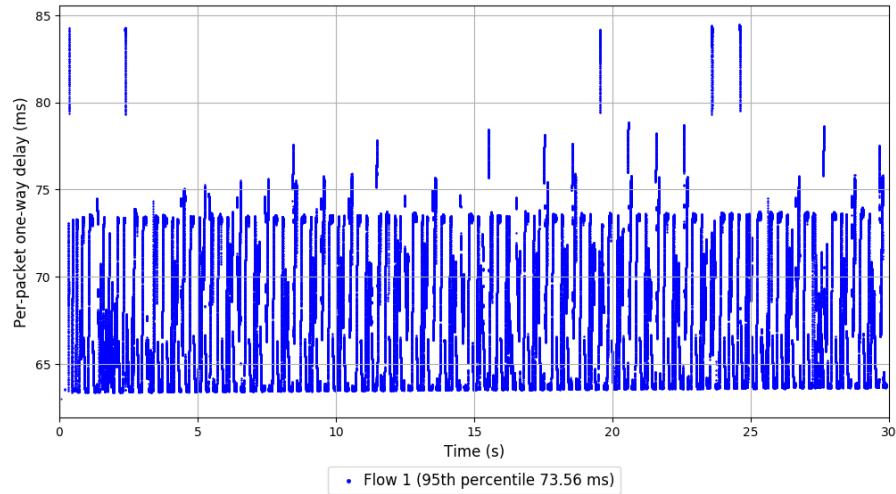
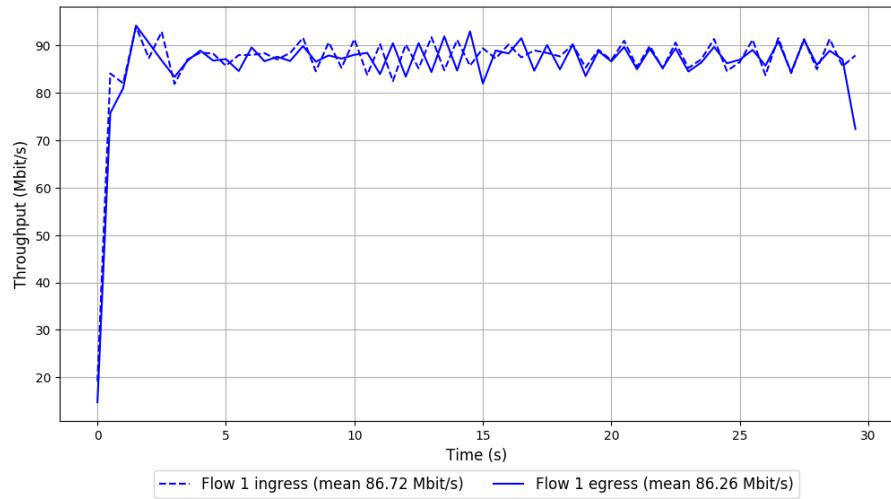


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-03-14 21:45:03
End at: 2018-03-14 21:45:33
Local clock offset: -10.164 ms
Remote clock offset: -0.459 ms

# Below is generated by plot.py at 2018-03-15 04:52:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.26 Mbit/s
95th percentile per-packet one-way delay: 73.563 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 86.26 Mbit/s
95th percentile per-packet one-way delay: 73.563 ms
Loss rate: 0.96%
```

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

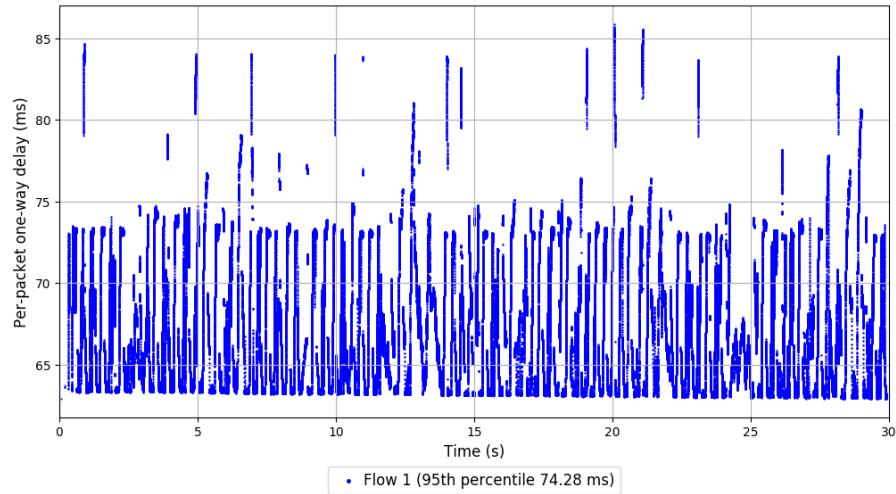
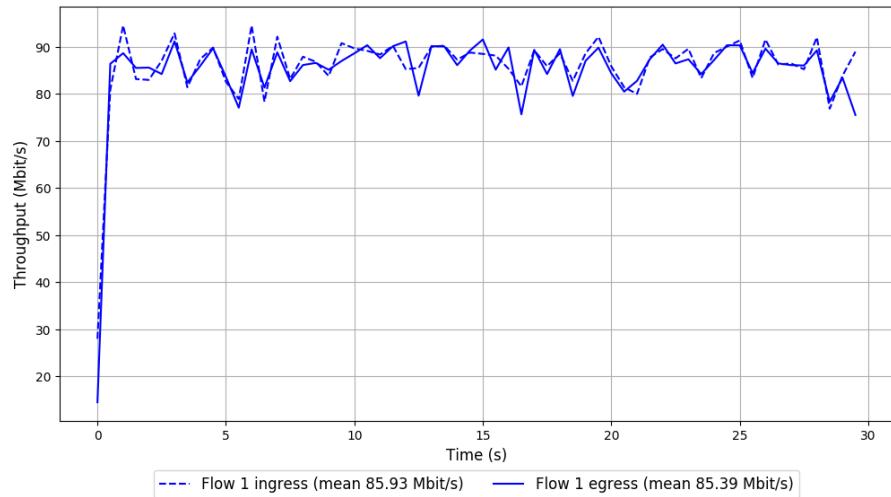


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-03-14 22:08:21
End at: 2018-03-14 22:08:51
Local clock offset: 1.757 ms
Remote clock offset: -1.499 ms

# Below is generated by plot.py at 2018-03-15 04:52:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.39 Mbit/s
95th percentile per-packet one-way delay: 74.285 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 85.39 Mbit/s
95th percentile per-packet one-way delay: 74.285 ms
Loss rate: 1.06%
```

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

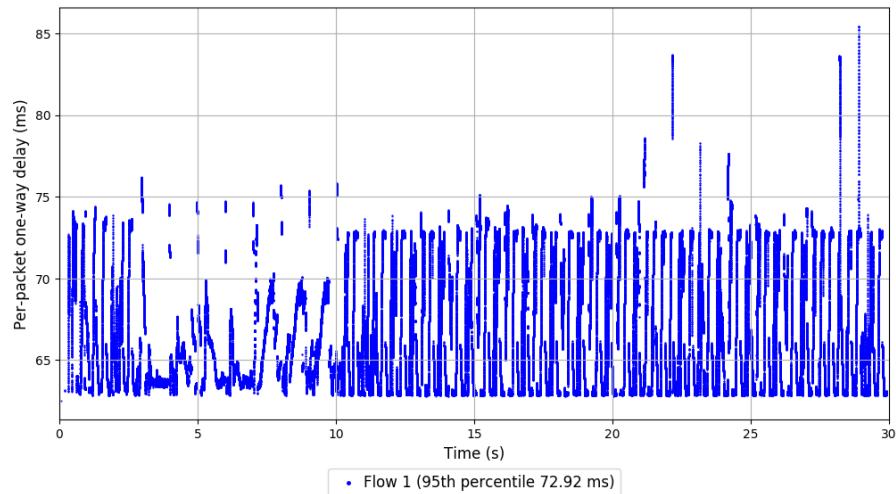
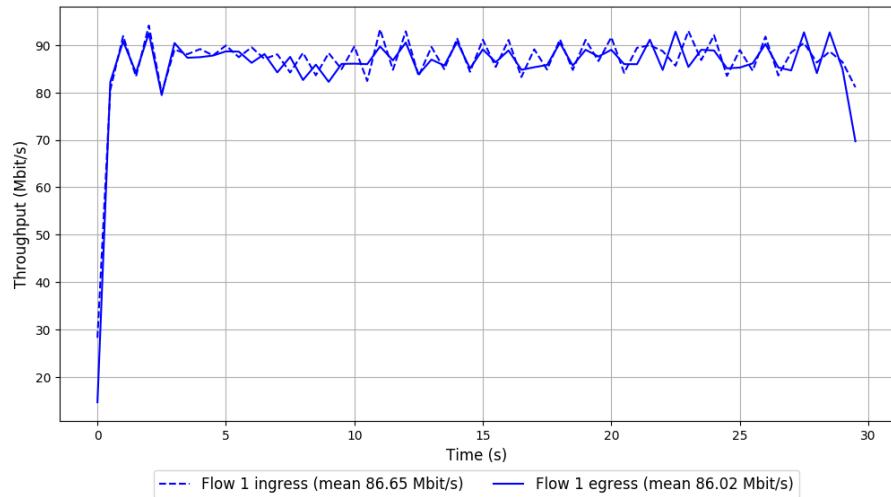


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-03-14 22:31:45
End at: 2018-03-14 22:32:15
Local clock offset: 0.532 ms
Remote clock offset: -8.368 ms

# Below is generated by plot.py at 2018-03-15 04:52:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.02 Mbit/s
95th percentile per-packet one-way delay: 72.924 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 86.02 Mbit/s
95th percentile per-packet one-way delay: 72.924 ms
Loss rate: 1.14%
```

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

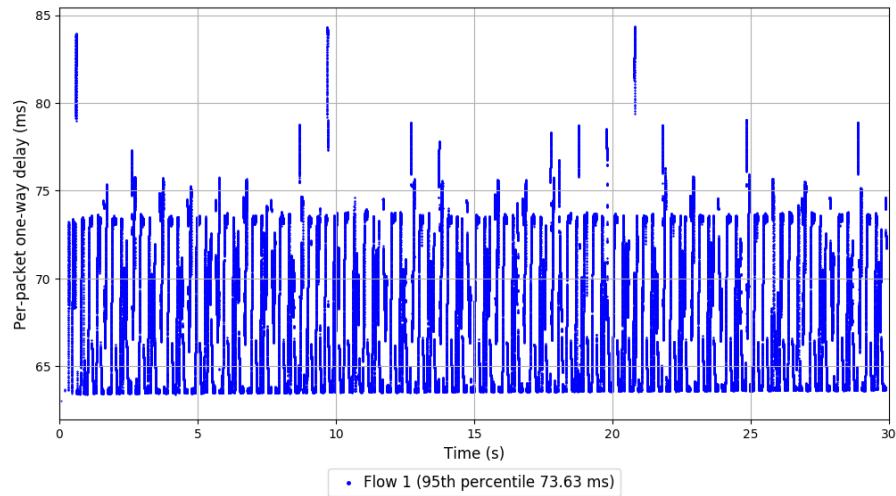
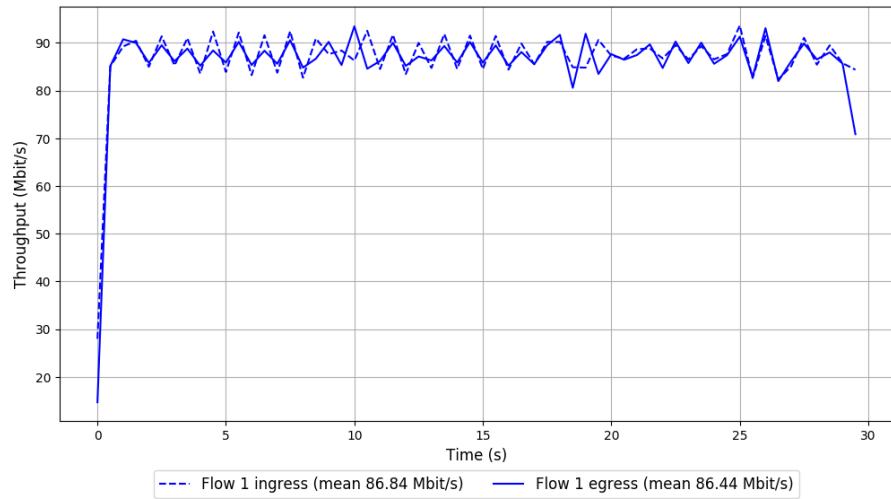


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-03-14 22:55:03
End at: 2018-03-14 22:55:33
Local clock offset: -2.913 ms
Remote clock offset: -1.149 ms

# Below is generated by plot.py at 2018-03-15 04:52:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.44 Mbit/s
95th percentile per-packet one-way delay: 73.632 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 86.44 Mbit/s
95th percentile per-packet one-way delay: 73.632 ms
Loss rate: 0.89%
```

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

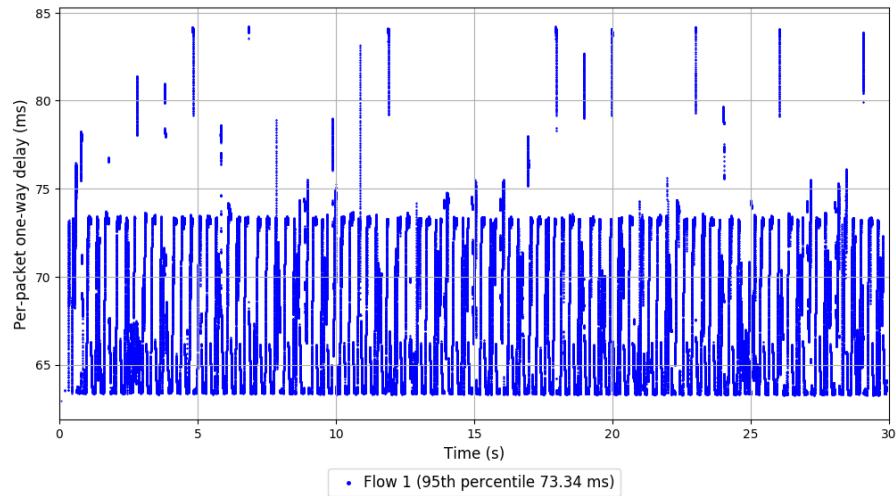
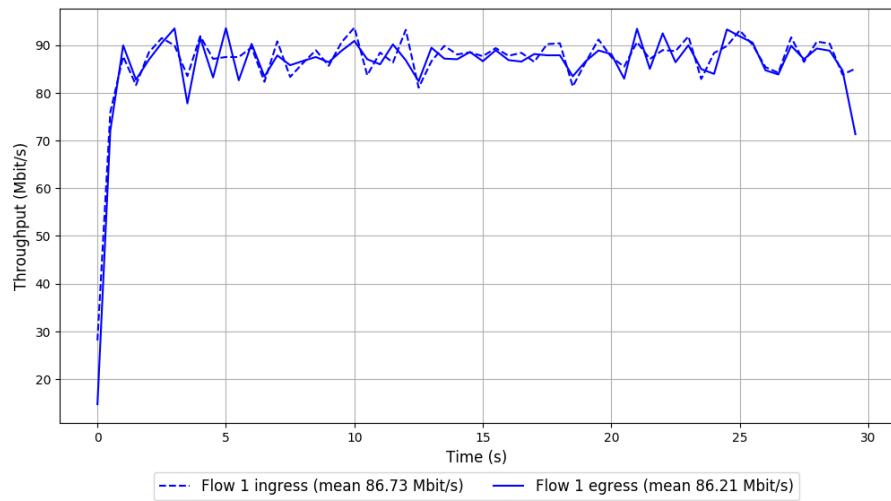


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-03-14 23:18:21
End at: 2018-03-14 23:18:51
Local clock offset: 2.392 ms
Remote clock offset: 0.745 ms

# Below is generated by plot.py at 2018-03-15 04:52:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 73.337 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 73.337 ms
Loss rate: 1.02%
```

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

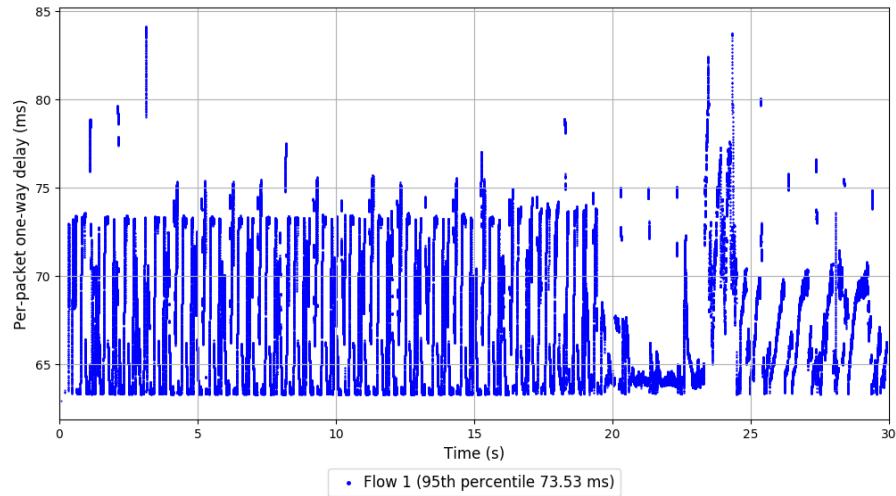
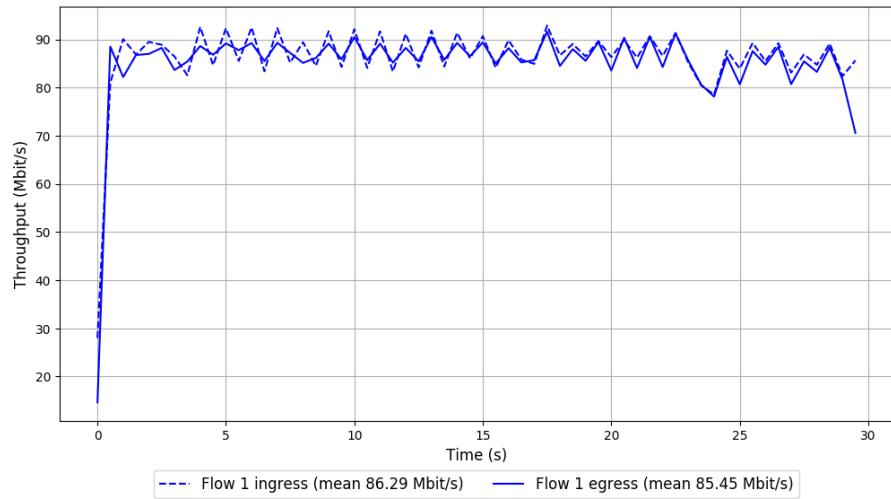


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-03-14 23:41:40
End at: 2018-03-14 23:42:10
Local clock offset: 3.919 ms
Remote clock offset: 0.127 ms

# Below is generated by plot.py at 2018-03-15 04:53:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.45 Mbit/s
95th percentile per-packet one-way delay: 73.530 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 85.45 Mbit/s
95th percentile per-packet one-way delay: 73.530 ms
Loss rate: 1.42%
```

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

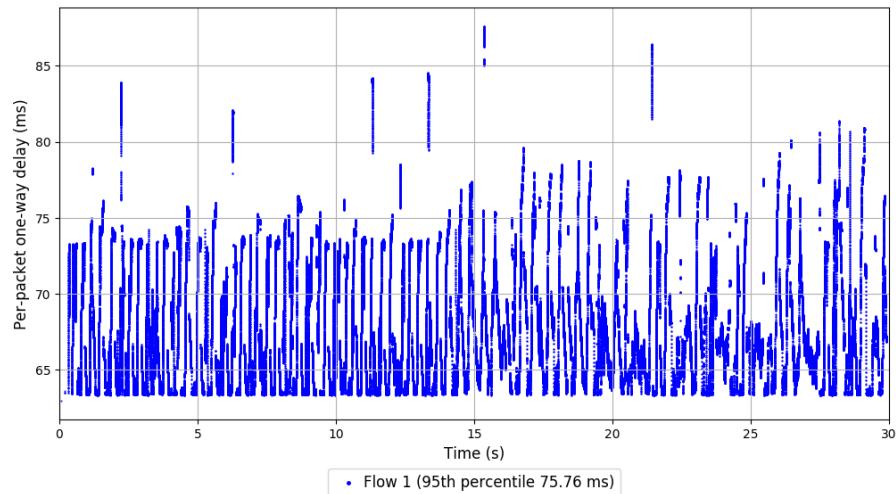
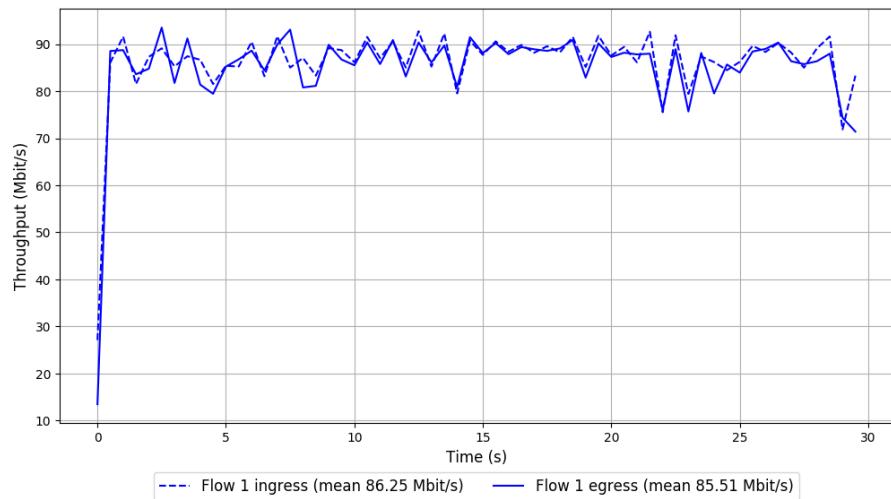


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-03-15 00:04:57
End at: 2018-03-15 00:05:27
Local clock offset: 5.011 ms
Remote clock offset: 0.12 ms

# Below is generated by plot.py at 2018-03-15 04:55:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.51 Mbit/s
95th percentile per-packet one-way delay: 75.764 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 85.51 Mbit/s
95th percentile per-packet one-way delay: 75.764 ms
Loss rate: 1.29%
```

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

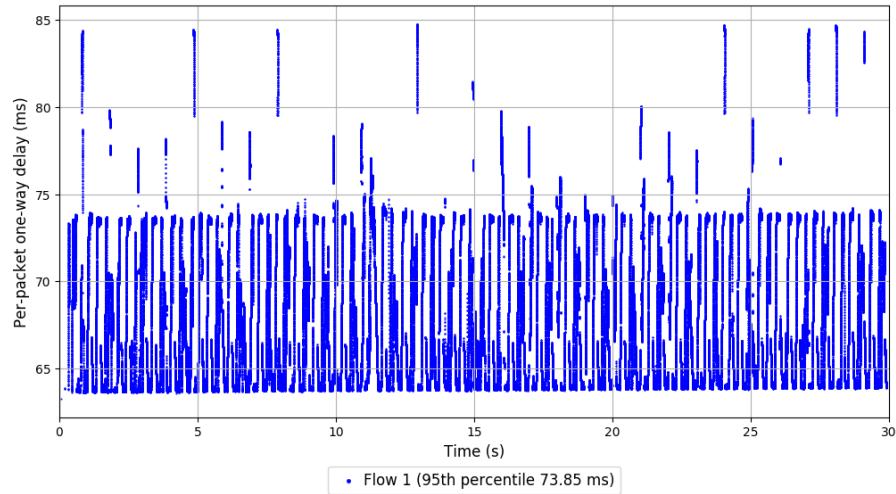
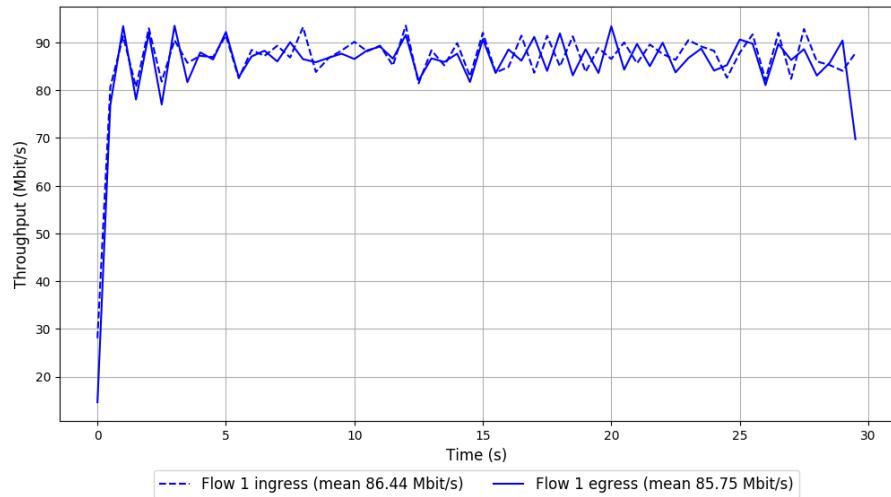


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-03-15 00:29:01
End at: 2018-03-15 00:29:31
Local clock offset: 5.706 ms
Remote clock offset: 6.402 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.75 Mbit/s
95th percentile per-packet one-way delay: 73.846 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 85.75 Mbit/s
95th percentile per-packet one-way delay: 73.846 ms
Loss rate: 1.23%
```

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

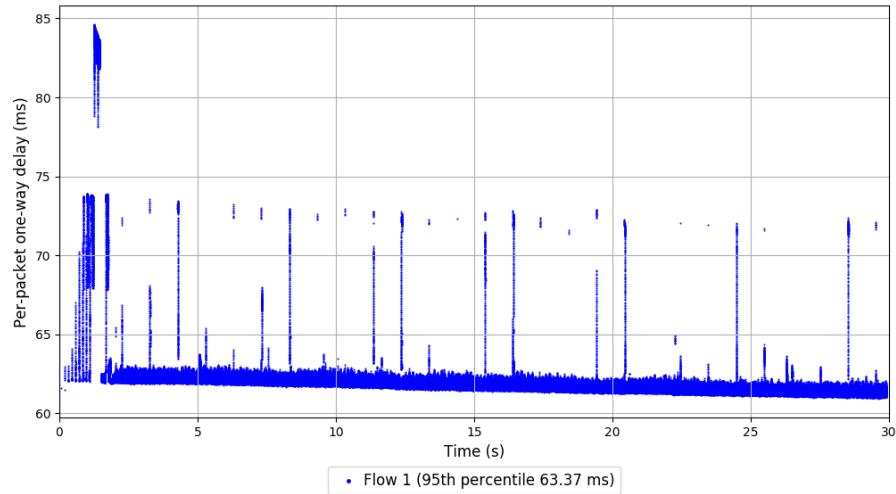
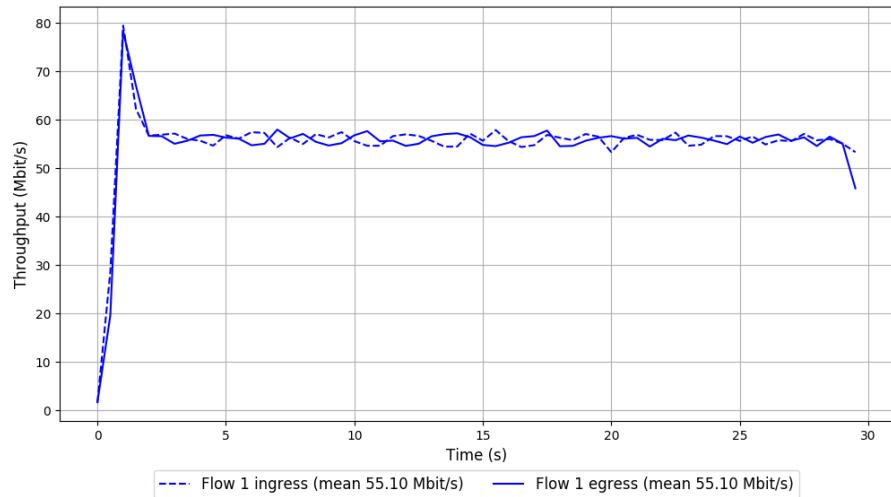


Run 1: Statistics of TCP Vegas

```
Start at: 2018-03-14 20:51:40
End at: 2018-03-14 20:52:10
Local clock offset: -6.195 ms
Remote clock offset: -0.644 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.10 Mbit/s
95th percentile per-packet one-way delay: 63.369 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 55.10 Mbit/s
95th percentile per-packet one-way delay: 63.369 ms
Loss rate: 0.44%
```

Run 1: Report of TCP Vegas — Data Link

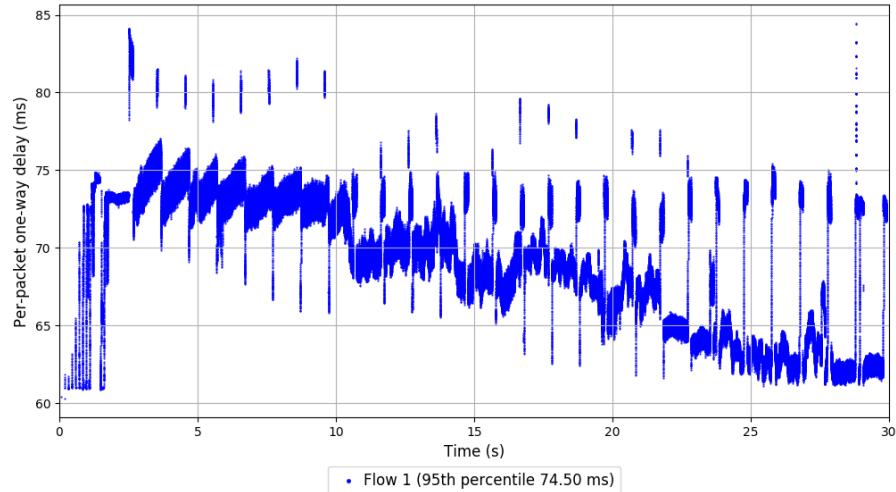
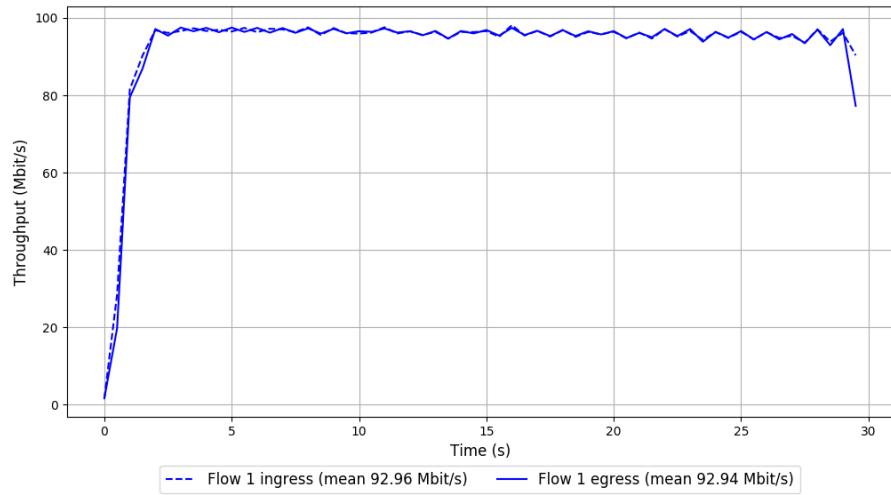


Run 2: Statistics of TCP Vegas

```
Start at: 2018-03-14 21:14:57
End at: 2018-03-14 21:15:27
Local clock offset: -12.43 ms
Remote clock offset: -3.748 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.94 Mbit/s
95th percentile per-packet one-way delay: 74.496 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 92.94 Mbit/s
95th percentile per-packet one-way delay: 74.496 ms
Loss rate: 0.45%
```

Run 2: Report of TCP Vegas — Data Link

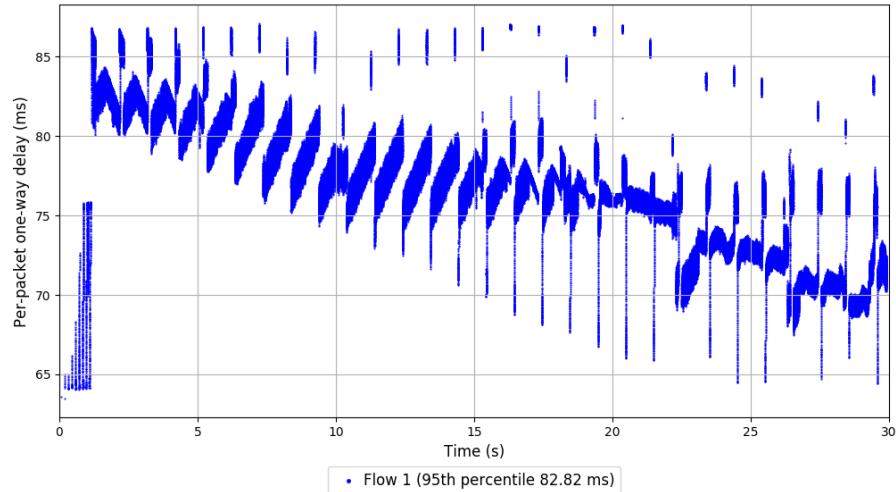
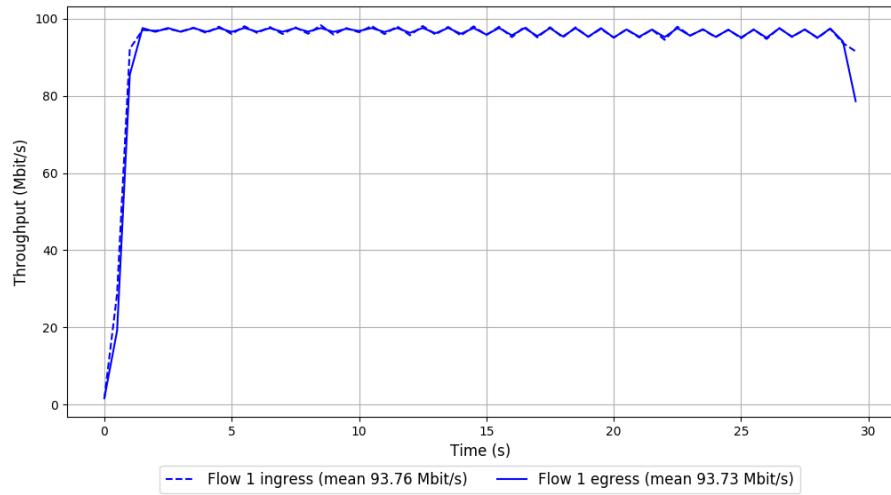


Run 3: Statistics of TCP Vegas

```
Start at: 2018-03-14 21:38:53
End at: 2018-03-14 21:39:23
Local clock offset: -7.601 ms
Remote clock offset: -1.639 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 82.817 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 82.817 ms
Loss rate: 0.46%
```

Run 3: Report of TCP Vegas — Data Link

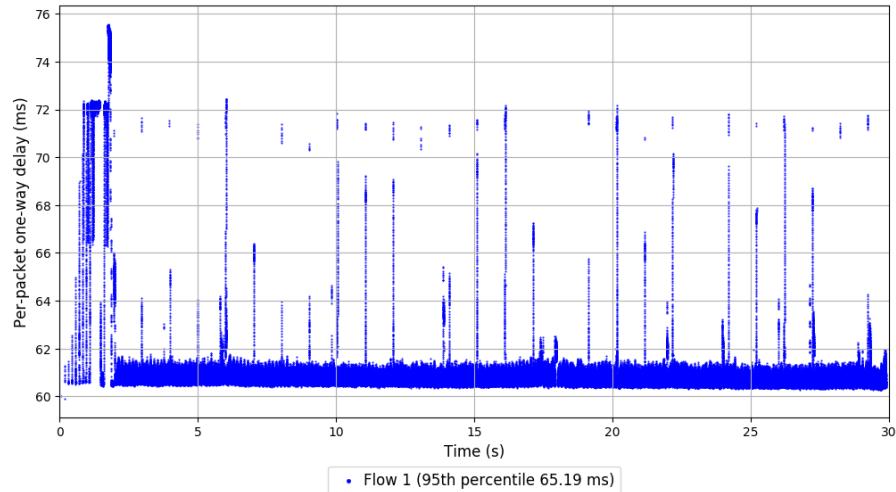
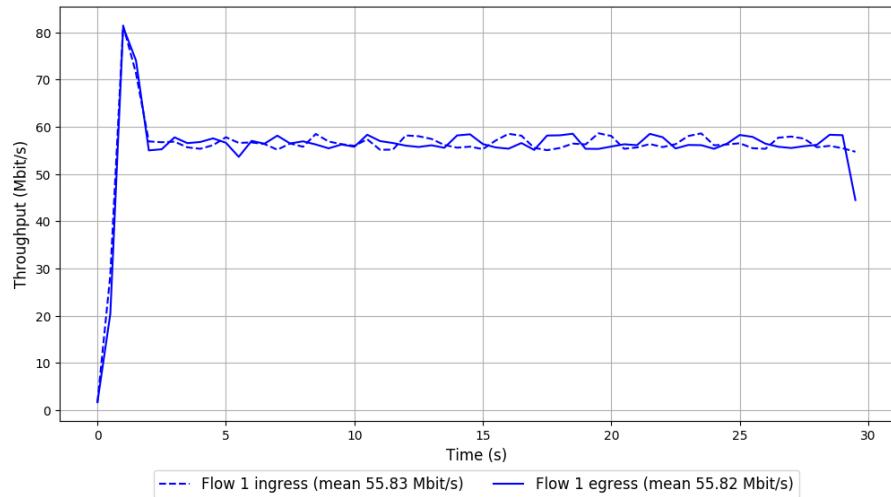


Run 4: Statistics of TCP Vegas

```
Start at: 2018-03-14 22:02:15
End at: 2018-03-14 22:02:45
Local clock offset: -2.751 ms
Remote clock offset: 1.188 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 65.190 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 65.190 ms
Loss rate: 0.44%
```

Run 4: Report of TCP Vegas — Data Link

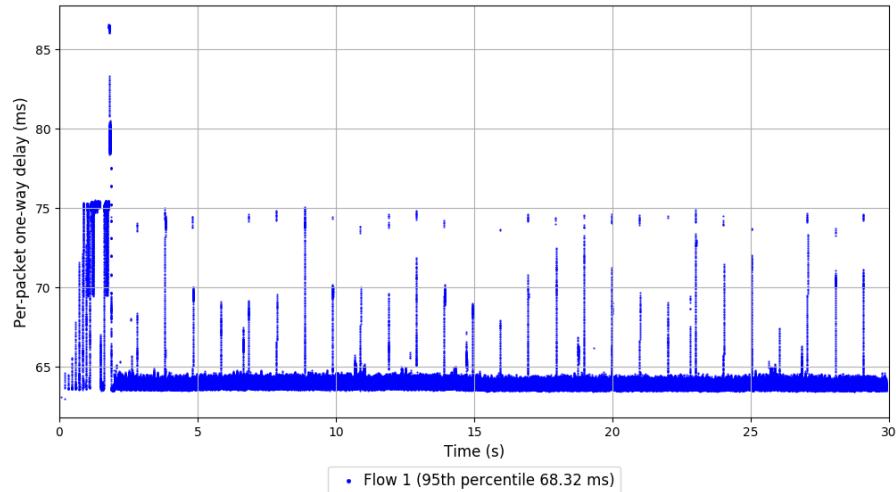
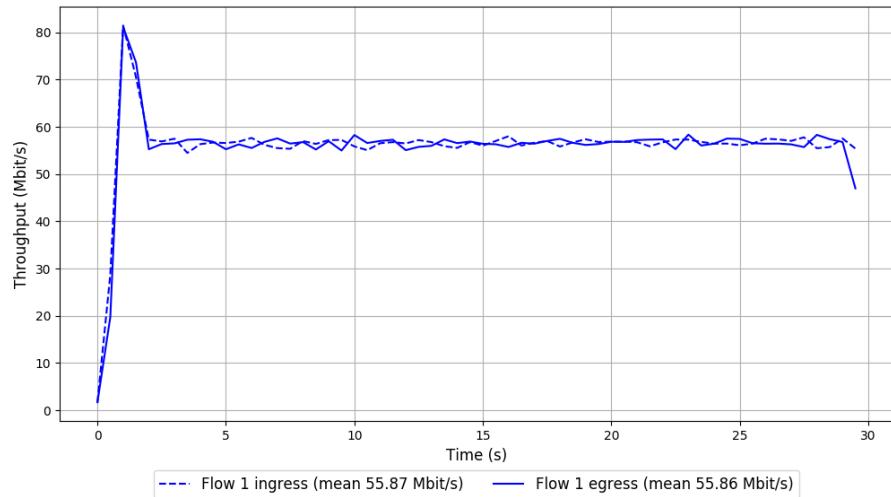


Run 5: Statistics of TCP Vegas

```
Start at: 2018-03-14 22:25:40
End at: 2018-03-14 22:26:10
Local clock offset: 1.105 ms
Remote clock offset: -7.727 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 68.316 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 68.316 ms
Loss rate: 0.44%
```

Run 5: Report of TCP Vegas — Data Link

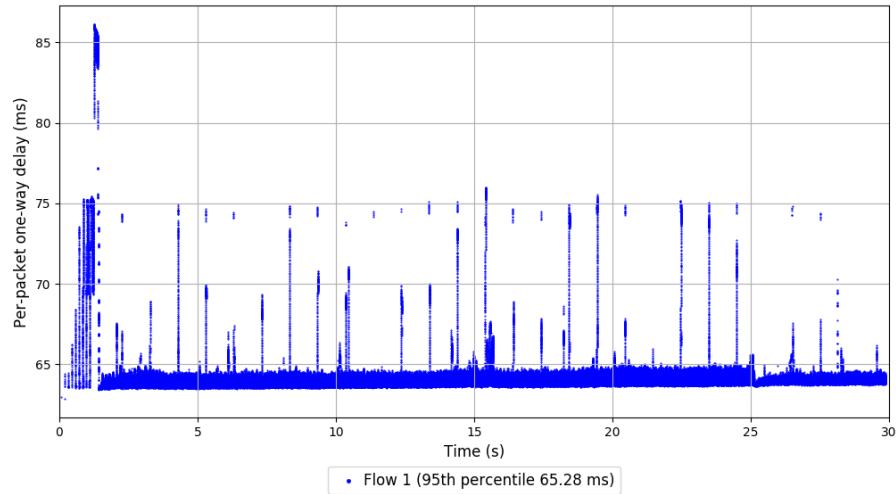
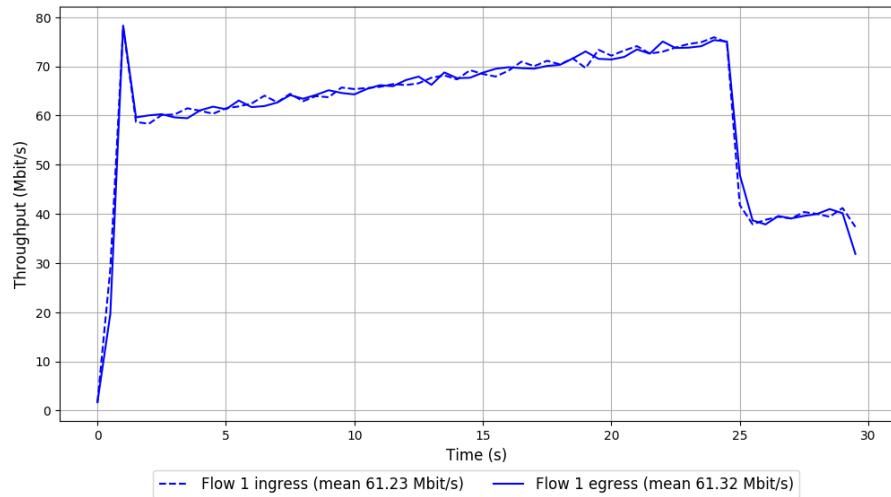


Run 6: Statistics of TCP Vegas

```
Start at: 2018-03-14 22:48:58
End at: 2018-03-14 22:49:28
Local clock offset: -1.866 ms
Remote clock offset: -2.997 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.32 Mbit/s
95th percentile per-packet one-way delay: 65.283 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 61.32 Mbit/s
95th percentile per-packet one-way delay: 65.283 ms
Loss rate: 0.29%
```

Run 6: Report of TCP Vegas — Data Link

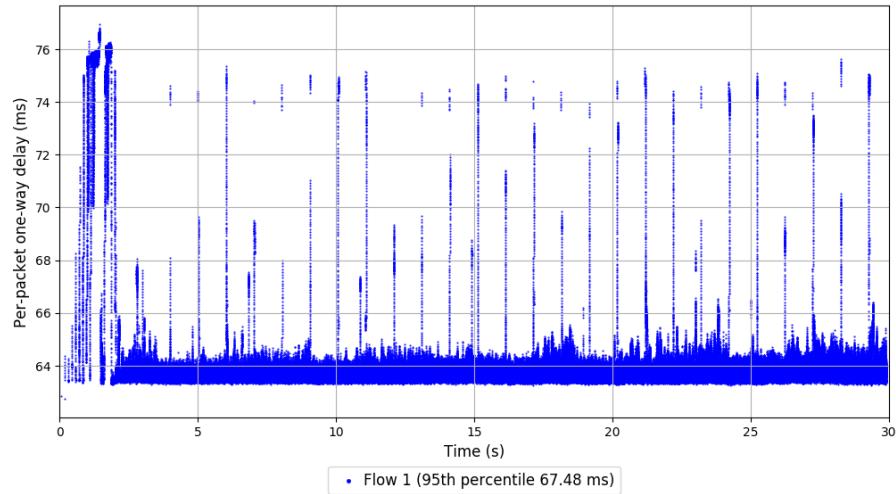
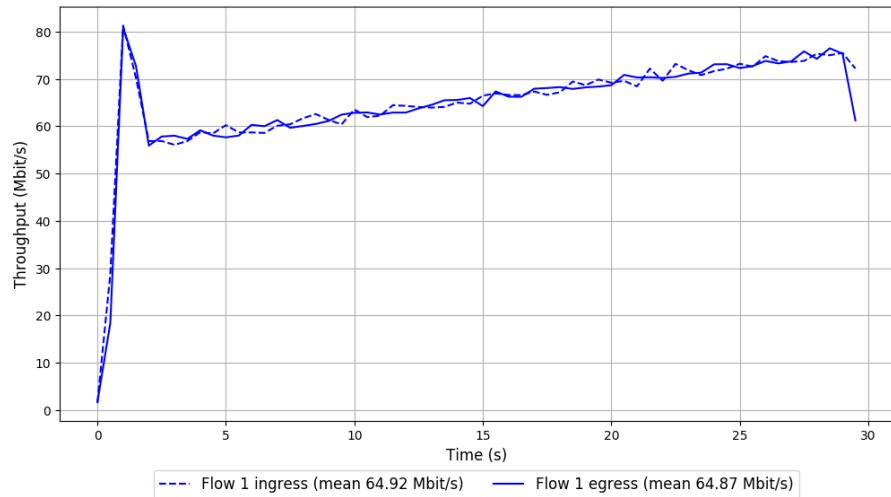


Run 7: Statistics of TCP Vegas

```
Start at: 2018-03-14 23:12:15
End at: 2018-03-14 23:12:45
Local clock offset: 2.011 ms
Remote clock offset: 1.702 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.87 Mbit/s
95th percentile per-packet one-way delay: 67.481 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 64.87 Mbit/s
95th percentile per-packet one-way delay: 67.481 ms
Loss rate: 0.50%
```

Run 7: Report of TCP Vegas — Data Link

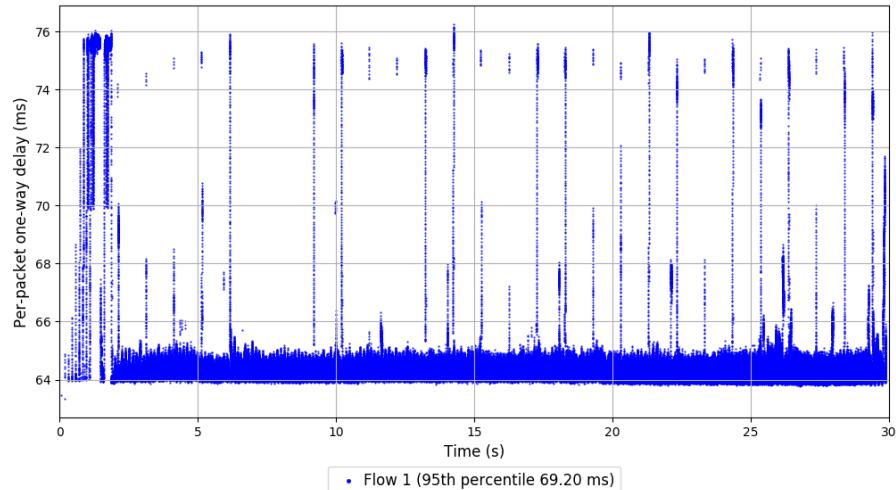
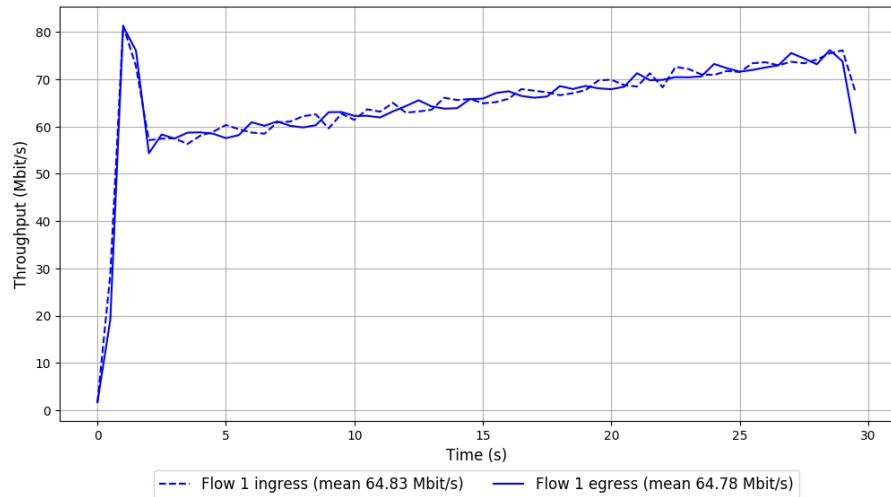


Run 8: Statistics of TCP Vegas

```
Start at: 2018-03-14 23:35:34
End at: 2018-03-14 23:36:04
Local clock offset: 3.012 ms
Remote clock offset: -0.003 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.78 Mbit/s
95th percentile per-packet one-way delay: 69.205 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 64.78 Mbit/s
95th percentile per-packet one-way delay: 69.205 ms
Loss rate: 0.51%
```

Run 8: Report of TCP Vegas — Data Link

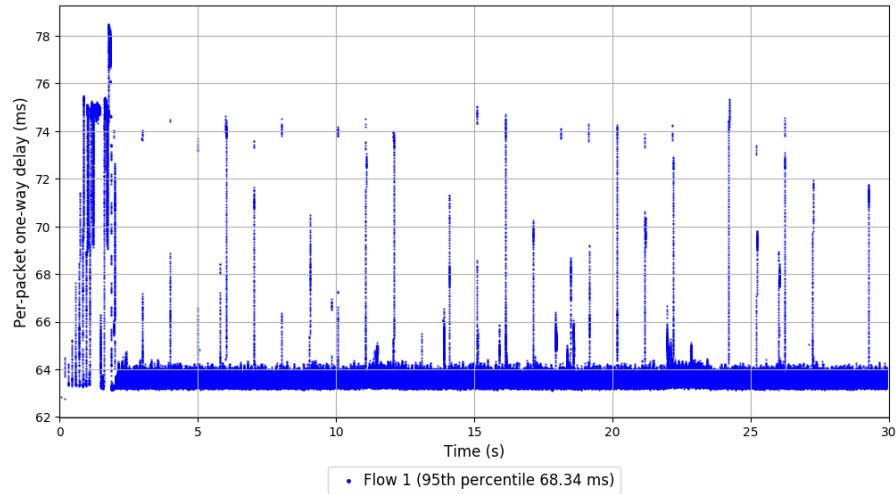
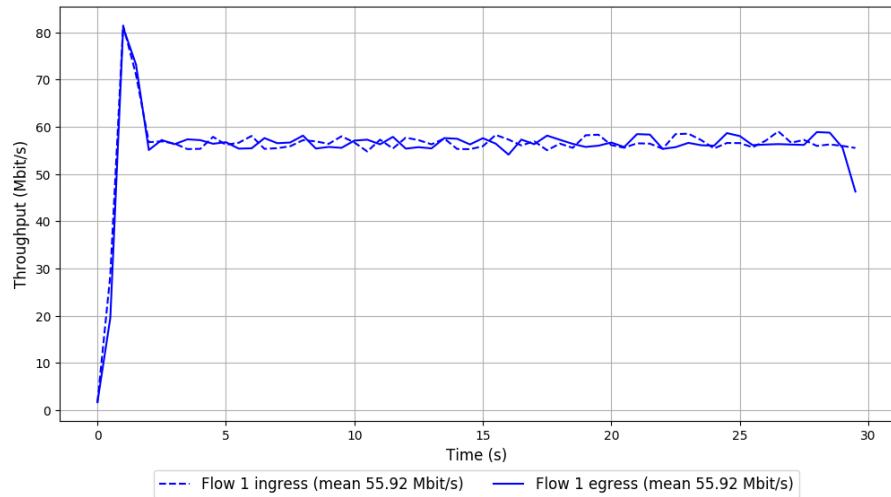


Run 9: Statistics of TCP Vegas

```
Start at: 2018-03-14 23:58:52
End at: 2018-03-14 23:59:22
Local clock offset: 4.994 ms
Remote clock offset: 0.112 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.92 Mbit/s
95th percentile per-packet one-way delay: 68.345 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 55.92 Mbit/s
95th percentile per-packet one-way delay: 68.345 ms
Loss rate: 0.44%
```

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

/home/ubuntu/pantheon_data/2018-03-14T20-47-China-to-AWS-Korea-10-runs/vegas_stats_run10.log

Run 10: Report of TCP Vegas — Data Link

Figure is missing

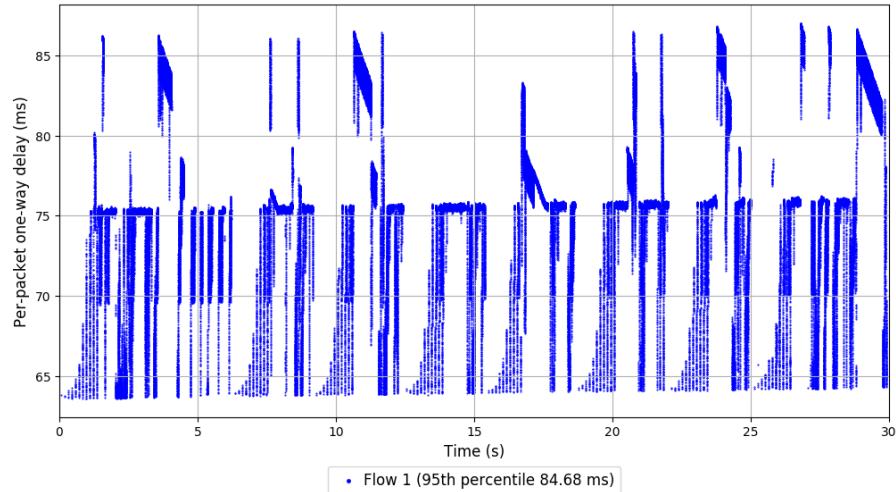
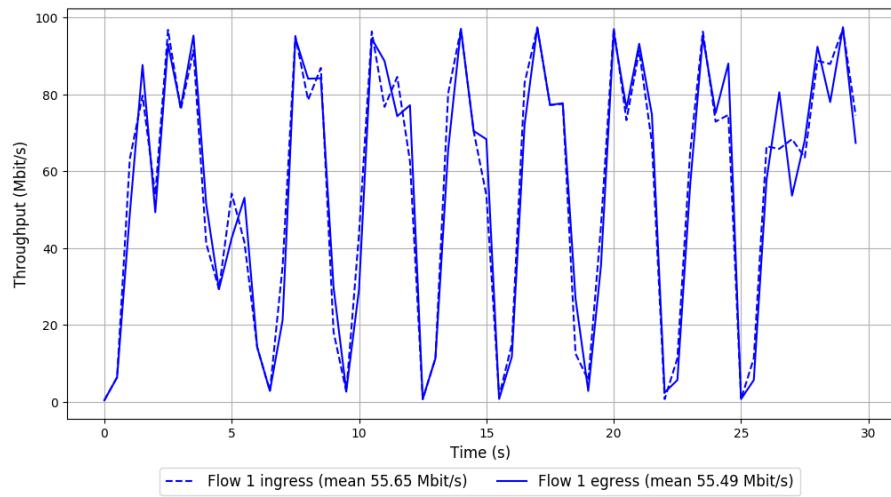
Figure is missing

Run 1: Statistics of Verus

```
Start at: 2018-03-14 20:49:13
End at: 2018-03-14 20:49:43
Local clock offset: -4.139 ms
Remote clock offset: -0.744 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.49 Mbit/s
95th percentile per-packet one-way delay: 84.676 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 55.49 Mbit/s
95th percentile per-packet one-way delay: 84.676 ms
Loss rate: 0.70%
```

Run 1: Report of Verus — Data Link

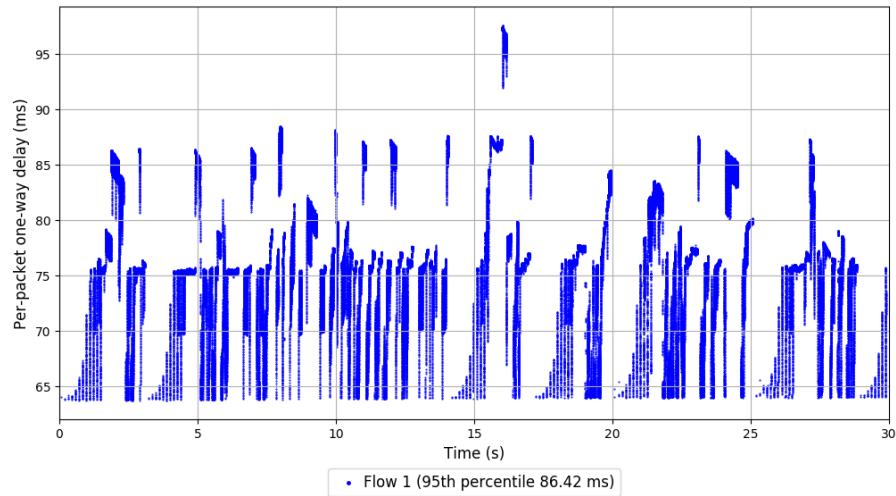
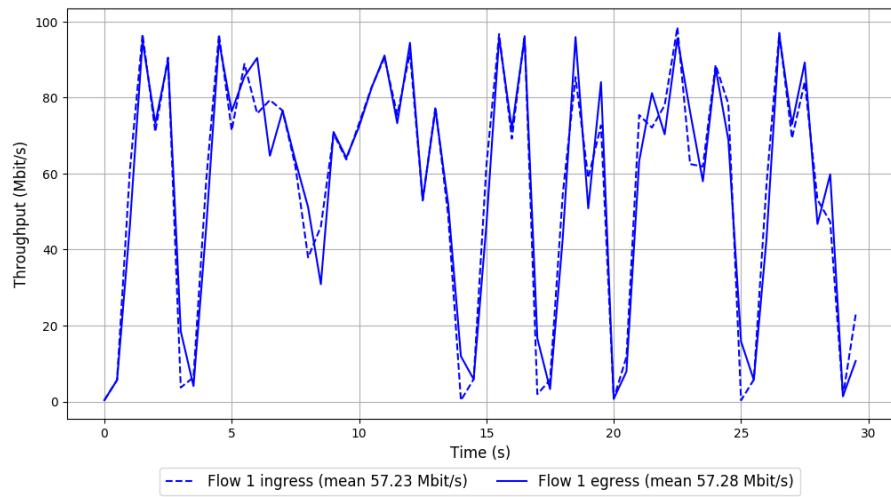


Run 2: Statistics of Verus

```
Start at: 2018-03-14 21:12:29
End at: 2018-03-14 21:12:59
Local clock offset: -7.924 ms
Remote clock offset: -3.56 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.28 Mbit/s
95th percentile per-packet one-way delay: 86.425 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 57.28 Mbit/s
95th percentile per-packet one-way delay: 86.425 ms
Loss rate: 0.43%
```

Run 2: Report of Verus — Data Link

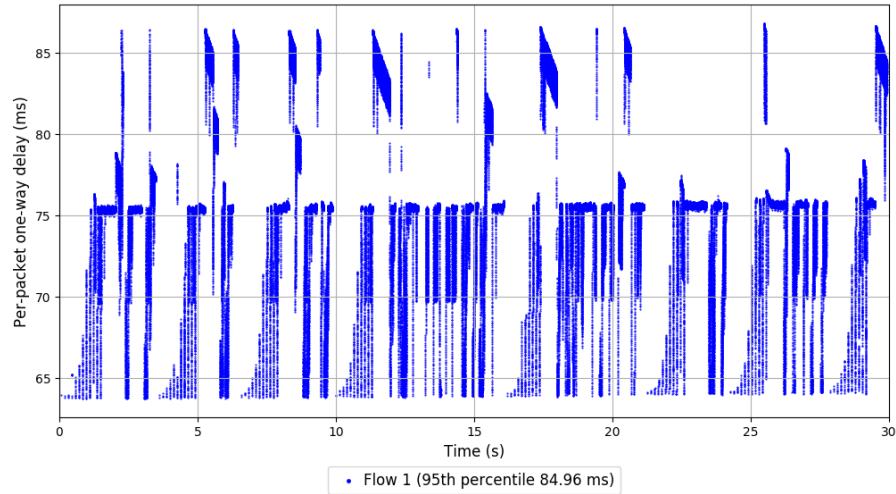
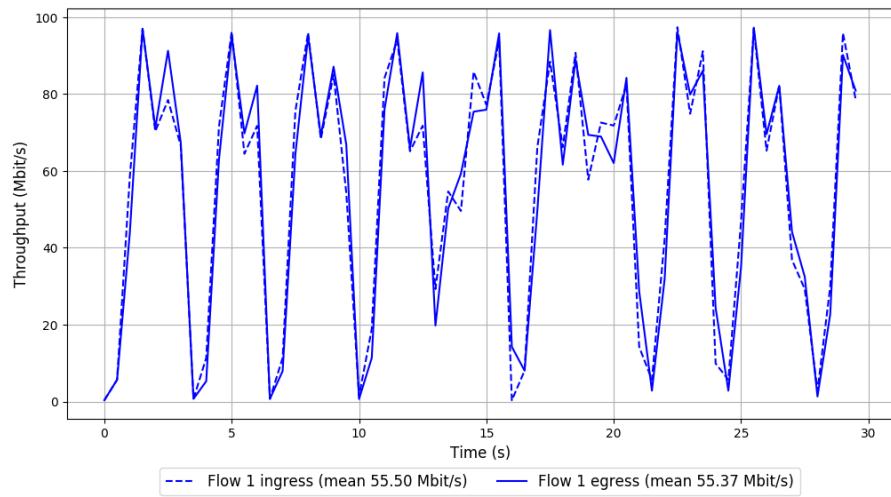


Run 3: Statistics of Verus

```
Start at: 2018-03-14 21:36:23
End at: 2018-03-14 21:36:53
Local clock offset: -6.801 ms
Remote clock offset: -2.402 ms

# Below is generated by plot.py at 2018-03-15 04:55:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.37 Mbit/s
95th percentile per-packet one-way delay: 84.959 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 55.37 Mbit/s
95th percentile per-packet one-way delay: 84.959 ms
Loss rate: 0.36%
```

Run 3: Report of Verus — Data Link

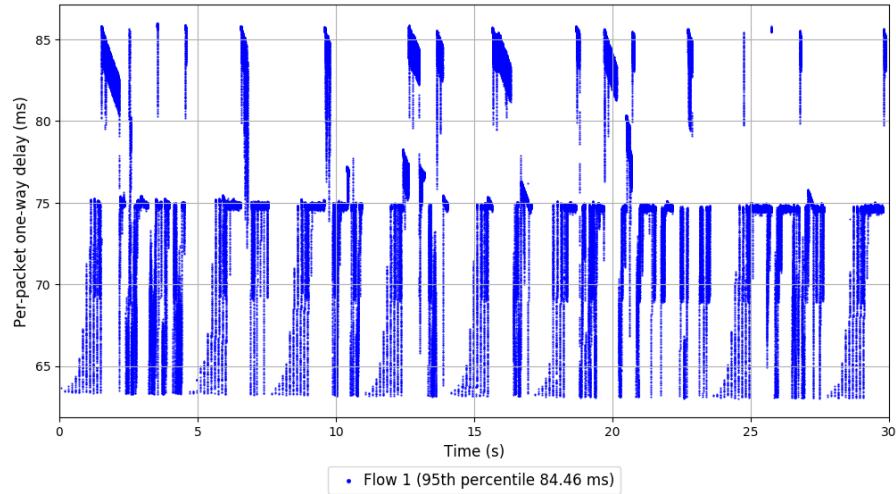
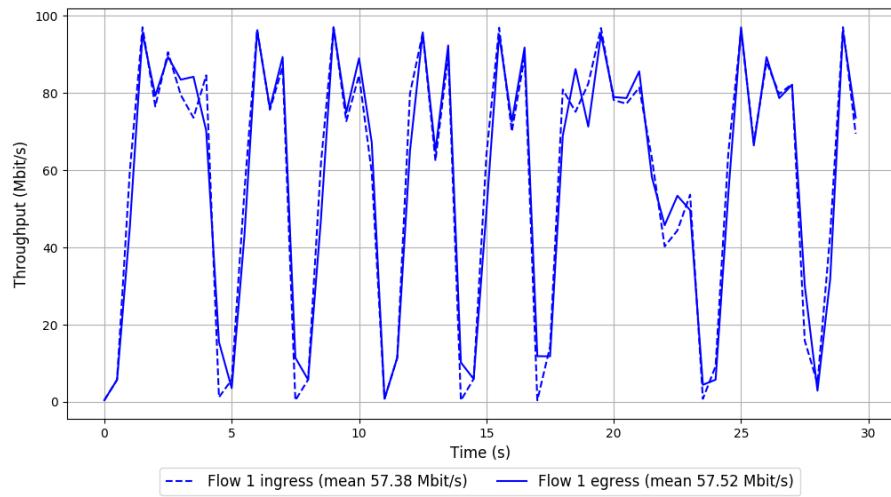


Run 4: Statistics of Verus

```
Start at: 2018-03-14 21:59:47
End at: 2018-03-14 22:00:17
Local clock offset: -1.335 ms
Remote clock offset: 1.009 ms

# Below is generated by plot.py at 2018-03-15 04:55:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 84.464 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 84.464 ms
Loss rate: 0.30%
```

Run 4: Report of Verus — Data Link

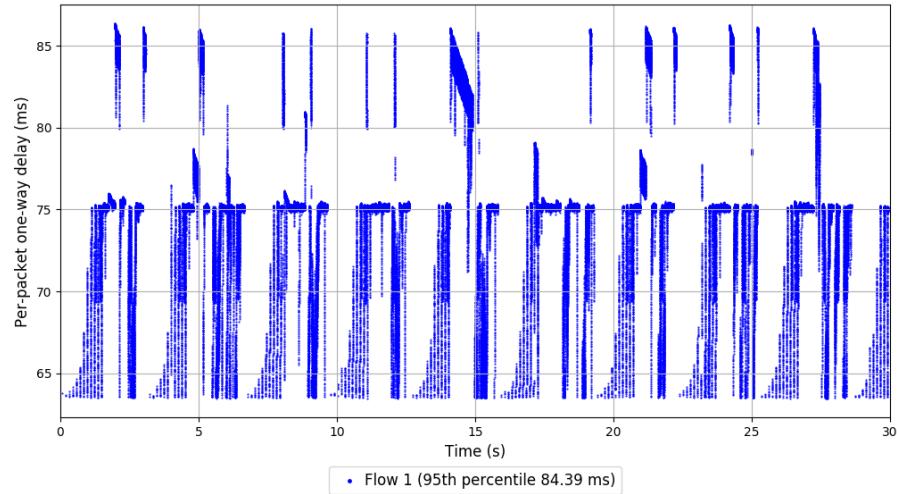
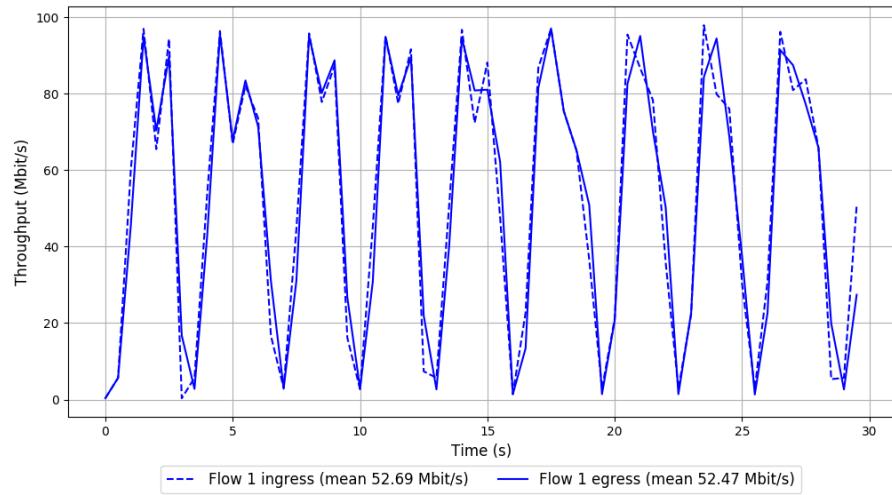


Run 5: Statistics of Verus

```
Start at: 2018-03-14 22:23:12
End at: 2018-03-14 22:23:42
Local clock offset: 1.268 ms
Remote clock offset: -7.327 ms

# Below is generated by plot.py at 2018-03-15 04:55:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.47 Mbit/s
95th percentile per-packet one-way delay: 84.385 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 52.47 Mbit/s
95th percentile per-packet one-way delay: 84.385 ms
Loss rate: 0.84%
```

Run 5: Report of Verus — Data Link

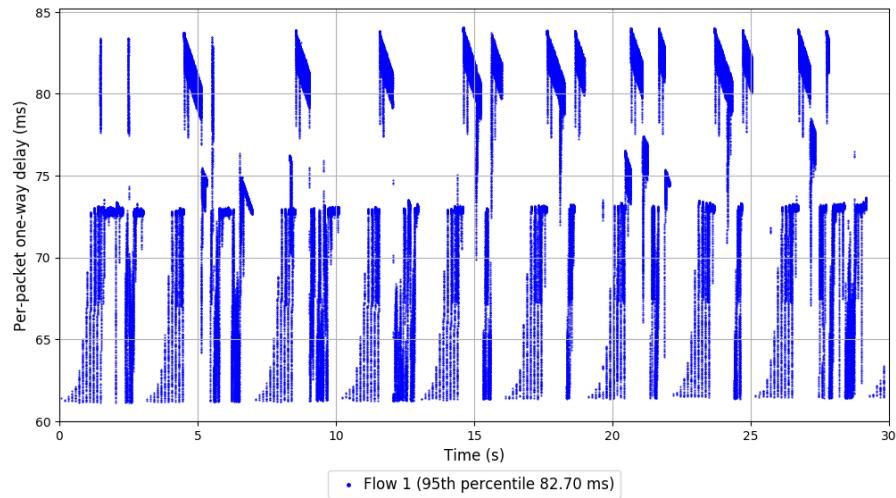
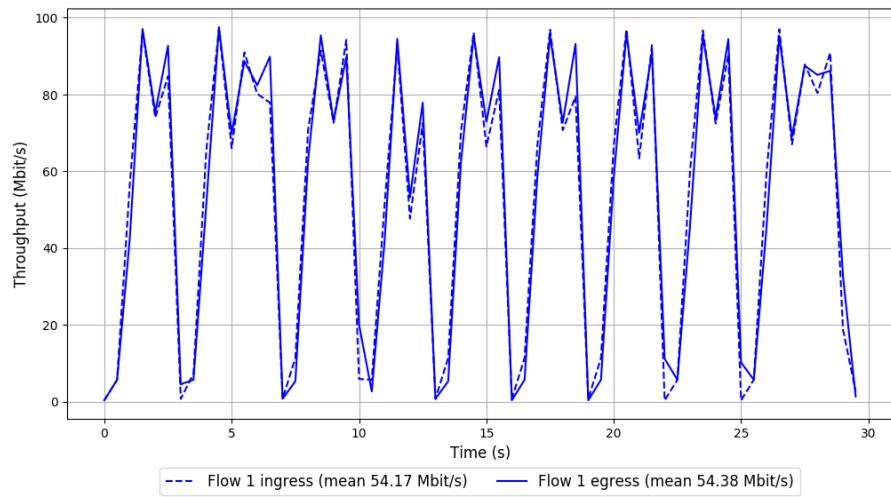


Run 6: Statistics of Verus

```
Start at: 2018-03-14 22:46:30
End at: 2018-03-14 22:47:01
Local clock offset: -4.262 ms
Remote clock offset: -4.165 ms

# Below is generated by plot.py at 2018-03-15 04:55:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.38 Mbit/s
95th percentile per-packet one-way delay: 82.698 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 54.38 Mbit/s
95th percentile per-packet one-way delay: 82.698 ms
Loss rate: 0.05%
```

Run 6: Report of Verus — Data Link

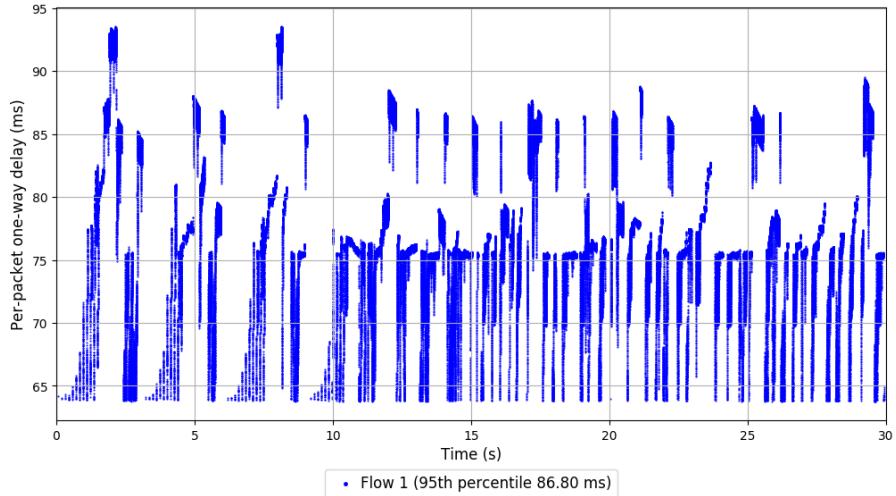
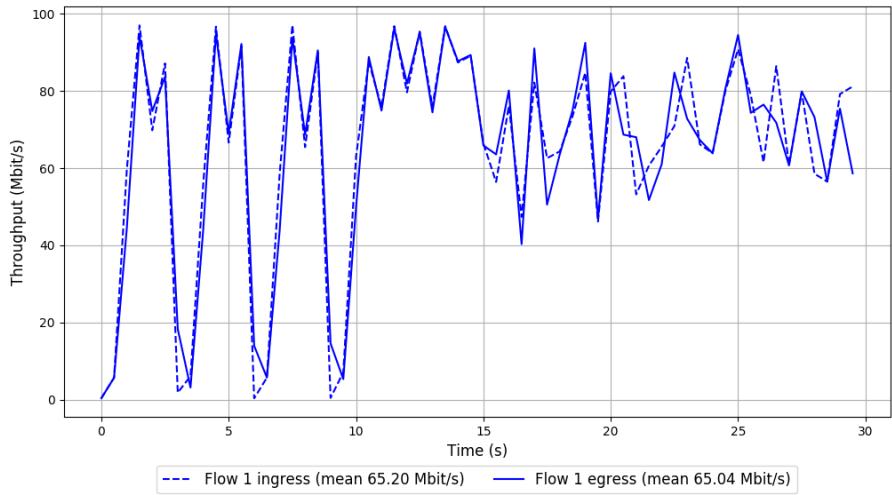


Run 7: Statistics of Verus

```
Start at: 2018-03-14 23:09:47
End at: 2018-03-14 23:10:17
Local clock offset: 1.514 ms
Remote clock offset: 1.422 ms

# Below is generated by plot.py at 2018-03-15 04:55:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.04 Mbit/s
95th percentile per-packet one-way delay: 86.802 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 65.04 Mbit/s
95th percentile per-packet one-way delay: 86.802 ms
Loss rate: 0.67%
```

Run 7: Report of Verus — Data Link

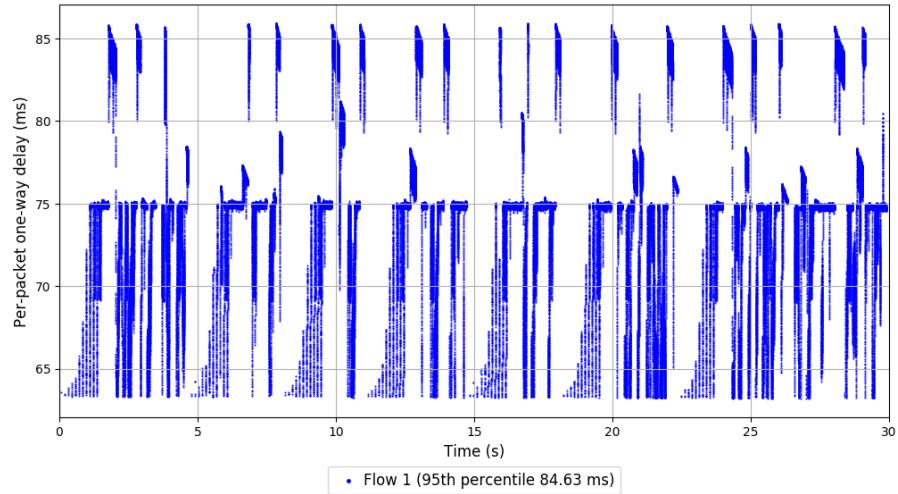
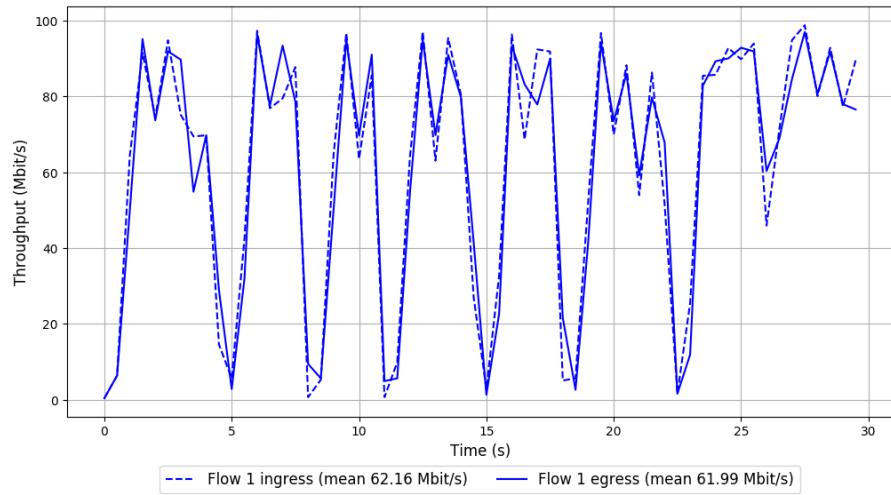


Run 8: Statistics of Verus

```
Start at: 2018-03-14 23:33:06
End at: 2018-03-14 23:33:36
Local clock offset: 2.468 ms
Remote clock offset: 0.028 ms

# Below is generated by plot.py at 2018-03-15 04:55:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.99 Mbit/s
95th percentile per-packet one-way delay: 84.633 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 61.99 Mbit/s
95th percentile per-packet one-way delay: 84.633 ms
Loss rate: 0.73%
```

Run 8: Report of Verus — Data Link

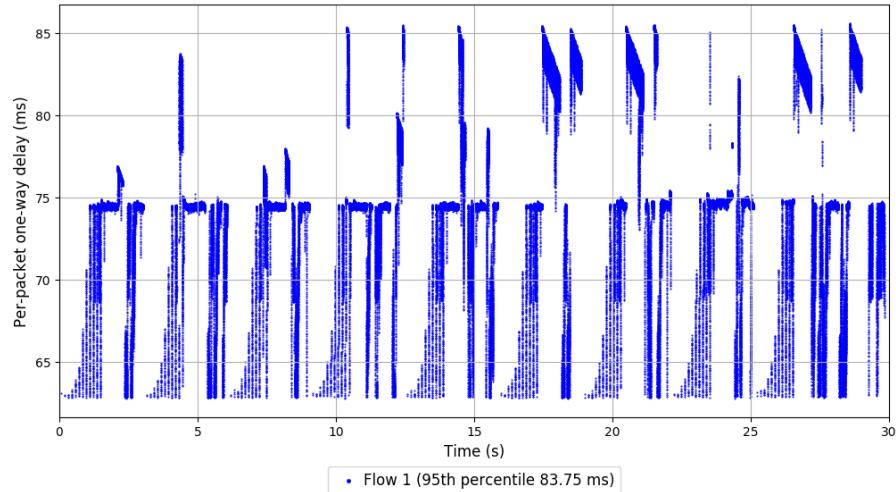
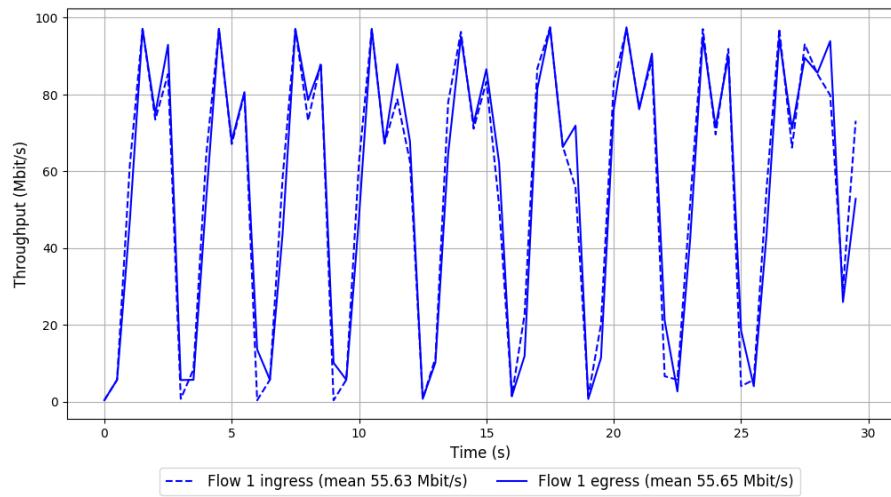


Run 9: Statistics of Verus

```
Start at: 2018-03-14 23:56:24
End at: 2018-03-14 23:56:54
Local clock offset: 4.689 ms
Remote clock offset: 0.118 ms

# Below is generated by plot.py at 2018-03-15 04:55:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.65 Mbit/s
95th percentile per-packet one-way delay: 83.745 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 55.65 Mbit/s
95th percentile per-packet one-way delay: 83.745 ms
Loss rate: 0.72%
```

Run 9: Report of Verus — Data Link

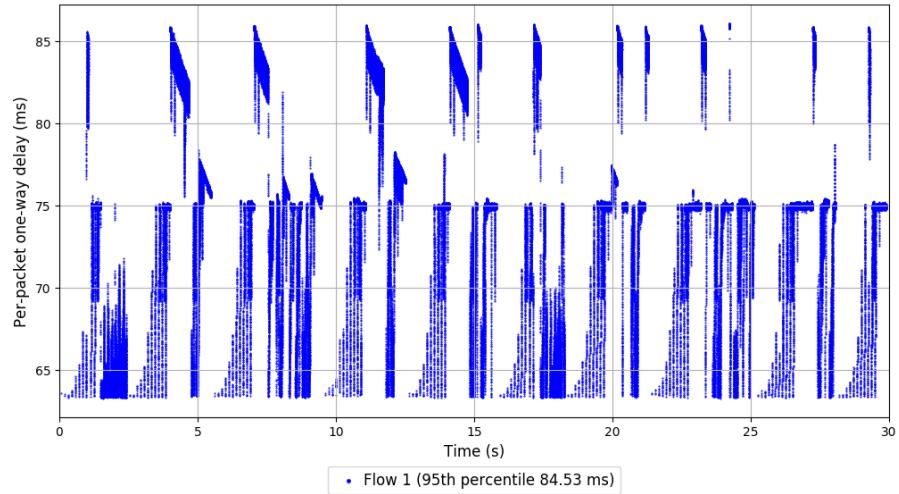
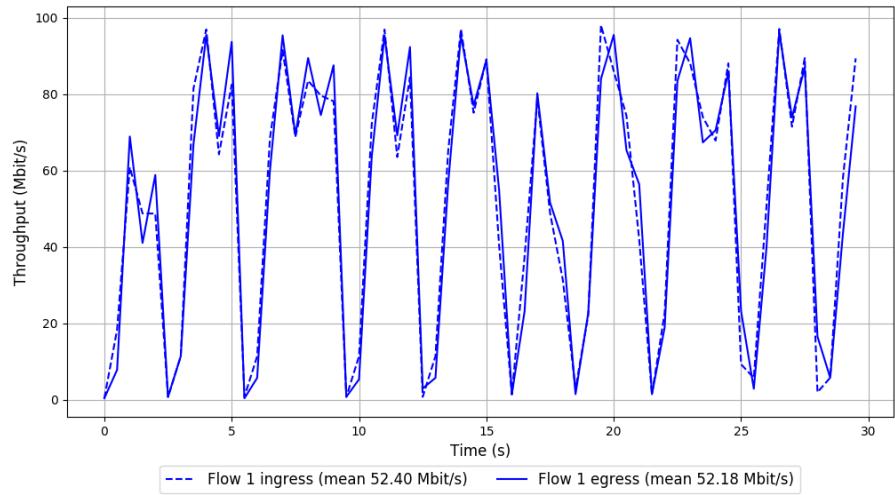


Run 10: Statistics of Verus

```
Start at: 2018-03-15 00:19:40
End at: 2018-03-15 00:20:10
Local clock offset: 5.865 ms
Remote clock offset: 0.446 ms

# Below is generated by plot.py at 2018-03-15 04:55:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.18 Mbit/s
95th percentile per-packet one-way delay: 84.525 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 52.18 Mbit/s
95th percentile per-packet one-way delay: 84.525 ms
Loss rate: 0.87%
```

Run 10: Report of Verus — Data Link

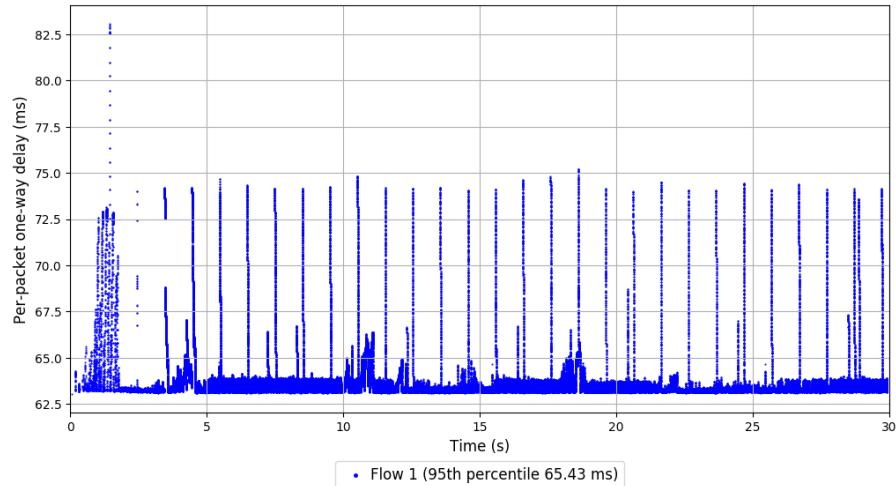
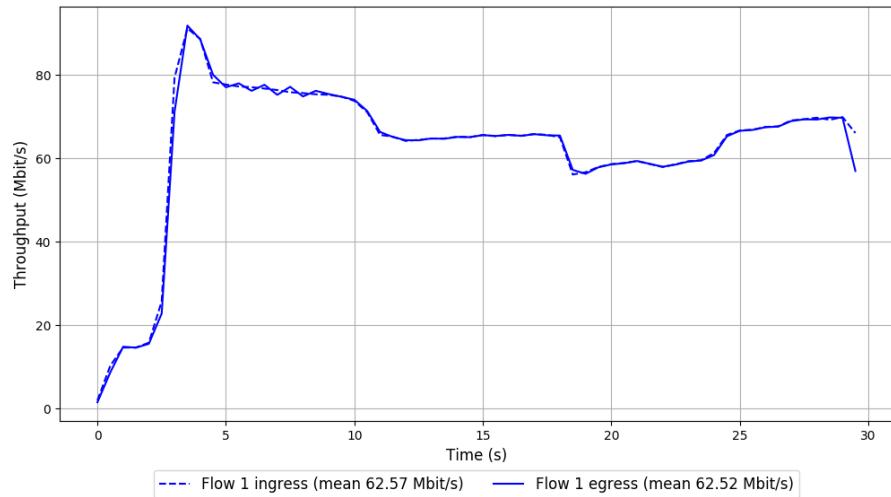


Run 1: Statistics of Copa

```
Start at: 2018-03-14 21:03:54
End at: 2018-03-14 21:04:24
Local clock offset: -3.905 ms
Remote clock offset: -2.5 ms

# Below is generated by plot.py at 2018-03-15 04:56:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.52 Mbit/s
95th percentile per-packet one-way delay: 65.429 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 62.52 Mbit/s
95th percentile per-packet one-way delay: 65.429 ms
Loss rate: 0.51%
```

Run 1: Report of Copa — Data Link

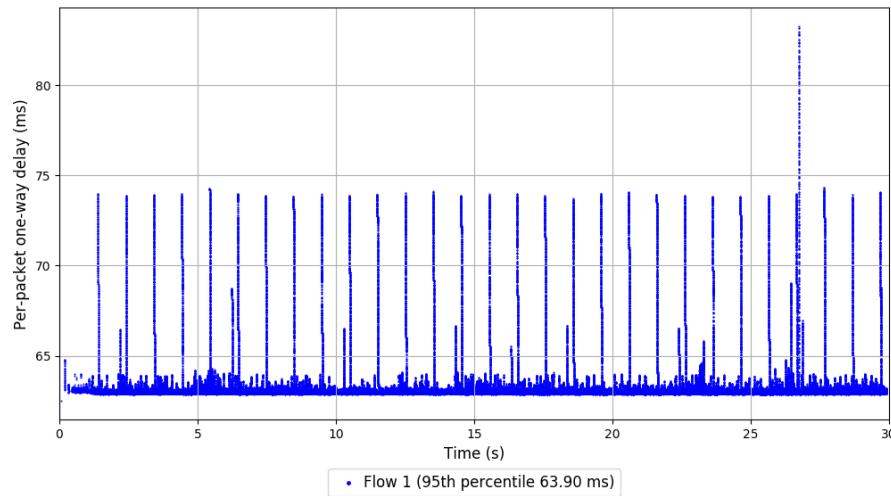
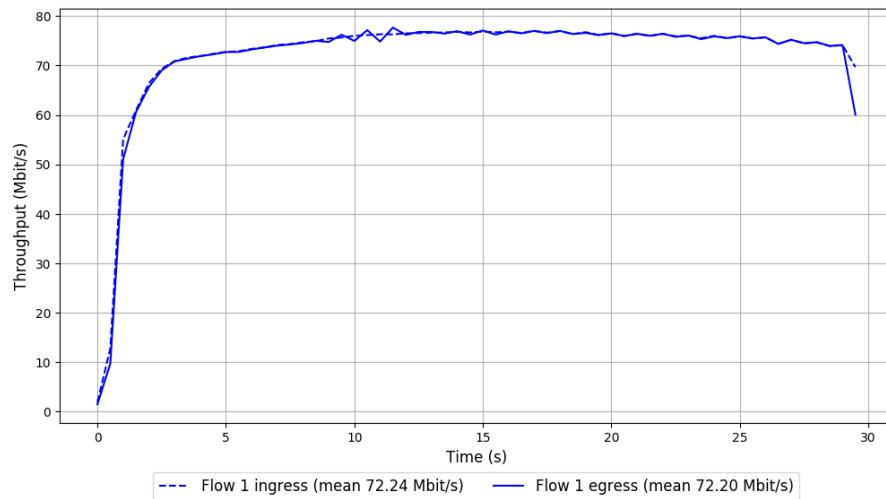


Run 2: Statistics of Copa

```
Start at: 2018-03-14 21:27:22
End at: 2018-03-14 21:27:52
Local clock offset: -5.498 ms
Remote clock offset: -4.432 ms

# Below is generated by plot.py at 2018-03-15 04:57:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.20 Mbit/s
95th percentile per-packet one-way delay: 63.899 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 72.20 Mbit/s
95th percentile per-packet one-way delay: 63.899 ms
Loss rate: 0.49%
```

Run 2: Report of Copa — Data Link

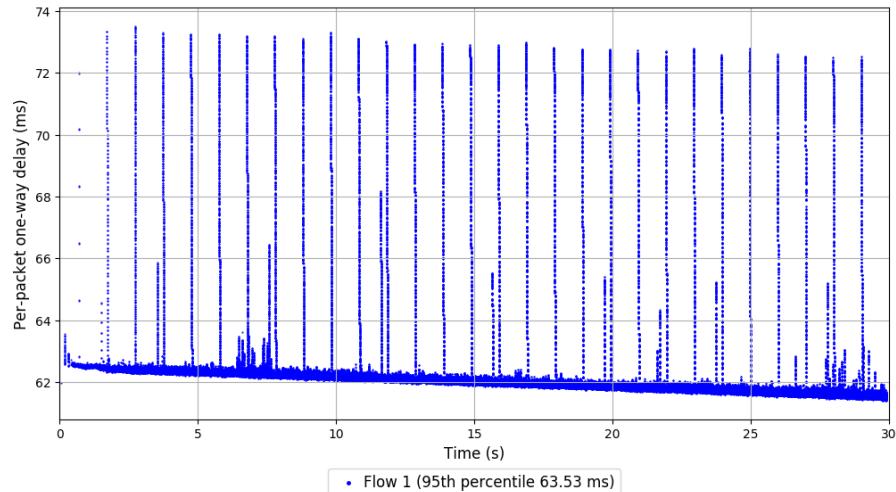
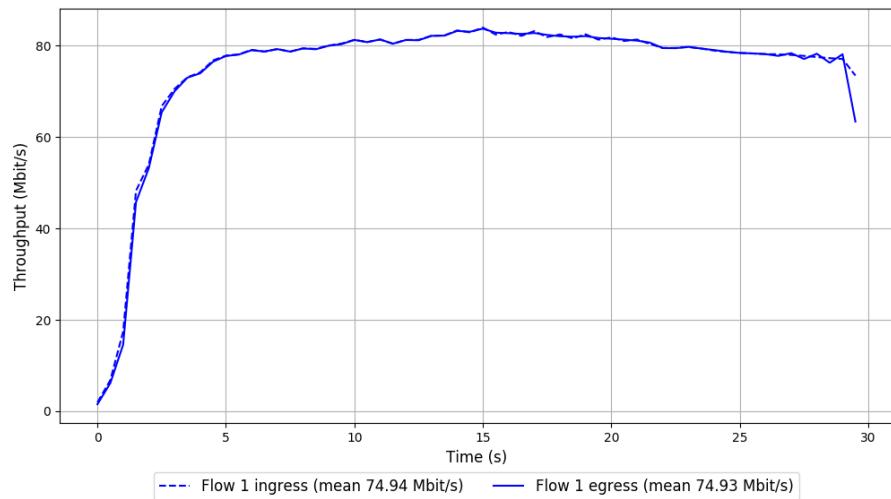


Run 3: Statistics of Copa

```
Start at: 2018-03-14 21:51:10
End at: 2018-03-14 21:51:40
Local clock offset: -12.884 ms
Remote clock offset: 0.291 ms

# Below is generated by plot.py at 2018-03-15 04:57:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.93 Mbit/s
95th percentile per-packet one-way delay: 63.527 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 74.93 Mbit/s
95th percentile per-packet one-way delay: 63.527 ms
Loss rate: 0.44%
```

Run 3: Report of Copa — Data Link

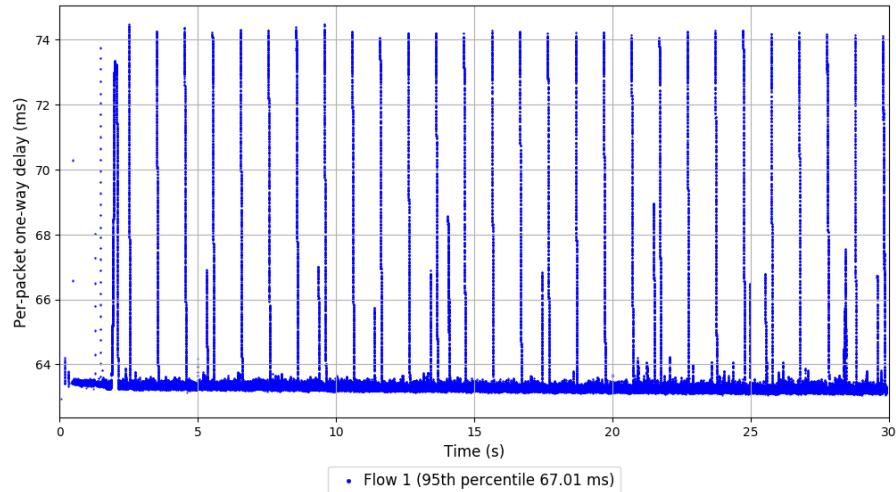
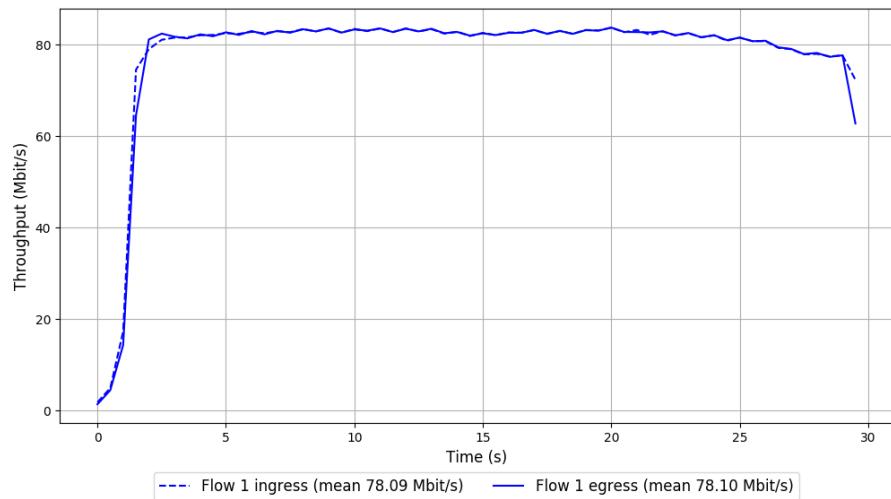


Run 4: Statistics of Copa

```
Start at: 2018-03-14 22:14:34
End at: 2018-03-14 22:15:05
Local clock offset: 2.012 ms
Remote clock offset: -4.955 ms

# Below is generated by plot.py at 2018-03-15 04:57:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.10 Mbit/s
95th percentile per-packet one-way delay: 67.013 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 78.10 Mbit/s
95th percentile per-packet one-way delay: 67.013 ms
Loss rate: 0.41%
```

Run 4: Report of Copa — Data Link

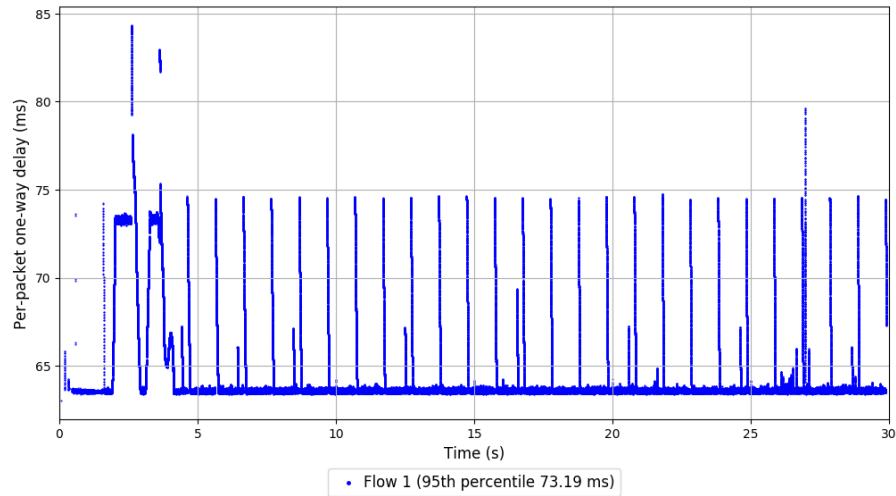
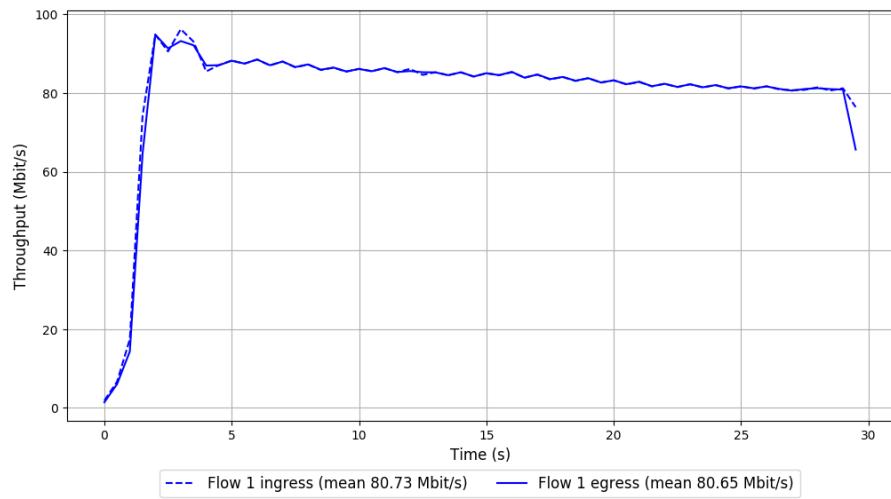


Run 5: Statistics of Copa

```
Start at: 2018-03-14 22:37:53
End at: 2018-03-14 22:38:23
Local clock offset: -0.148 ms
Remote clock offset: -9.209 ms

# Below is generated by plot.py at 2018-03-15 04:57:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.65 Mbit/s
95th percentile per-packet one-way delay: 73.186 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 80.65 Mbit/s
95th percentile per-packet one-way delay: 73.186 ms
Loss rate: 0.53%
```

Run 5: Report of Copa — Data Link

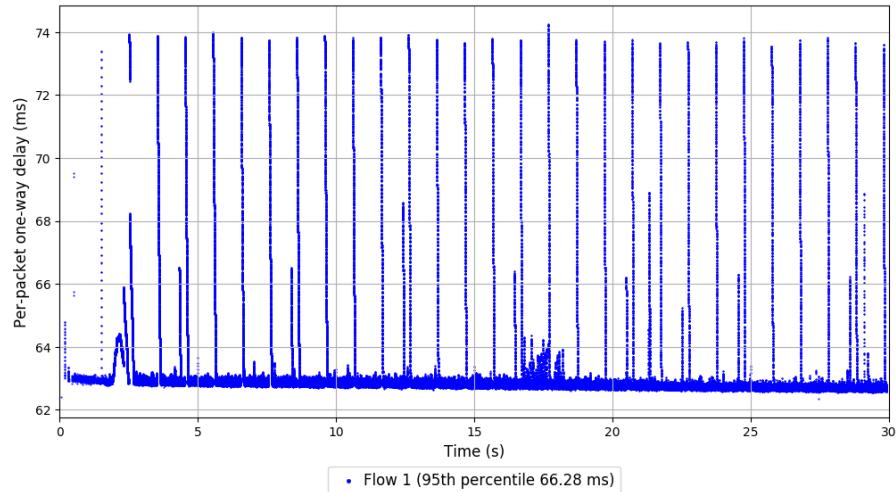
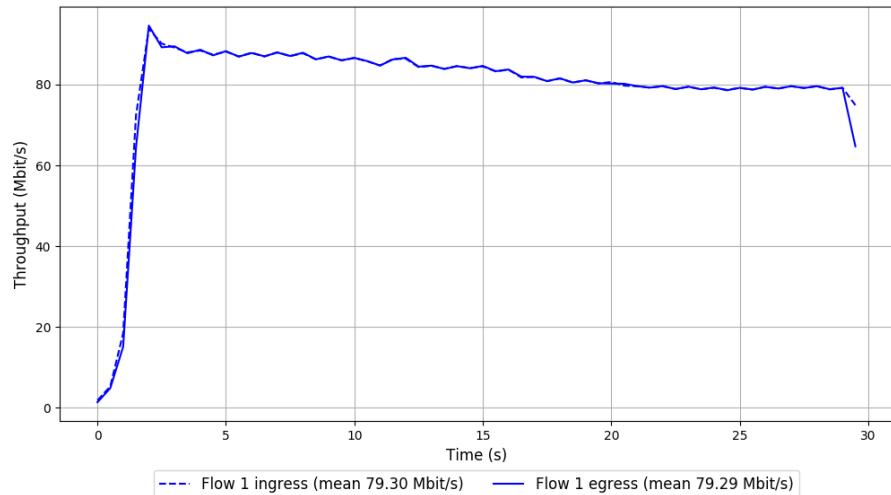


Run 6: Statistics of Copa

```
Start at: 2018-03-14 23:01:11
End at: 2018-03-14 23:01:41
Local clock offset: -2.819 ms
Remote clock offset: 0.097 ms

# Below is generated by plot.py at 2018-03-15 04:58:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.29 Mbit/s
95th percentile per-packet one-way delay: 66.276 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 79.29 Mbit/s
95th percentile per-packet one-way delay: 66.276 ms
Loss rate: 0.44%
```

Run 6: Report of Copa — Data Link

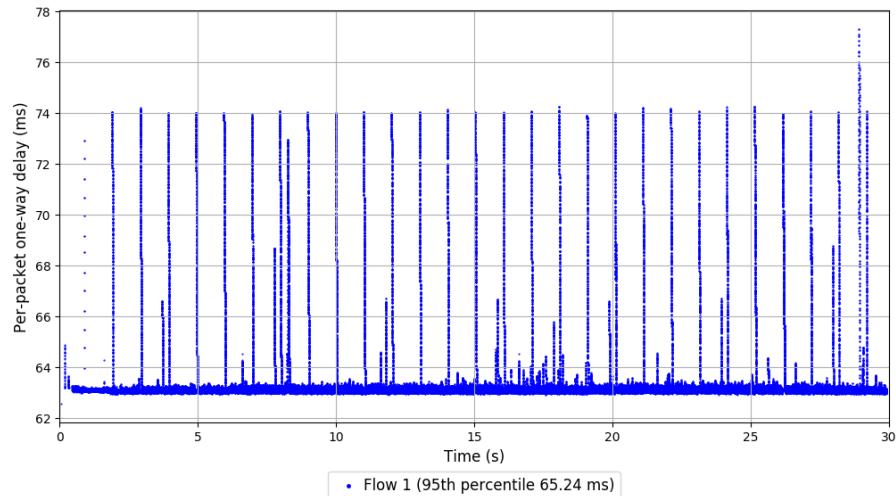
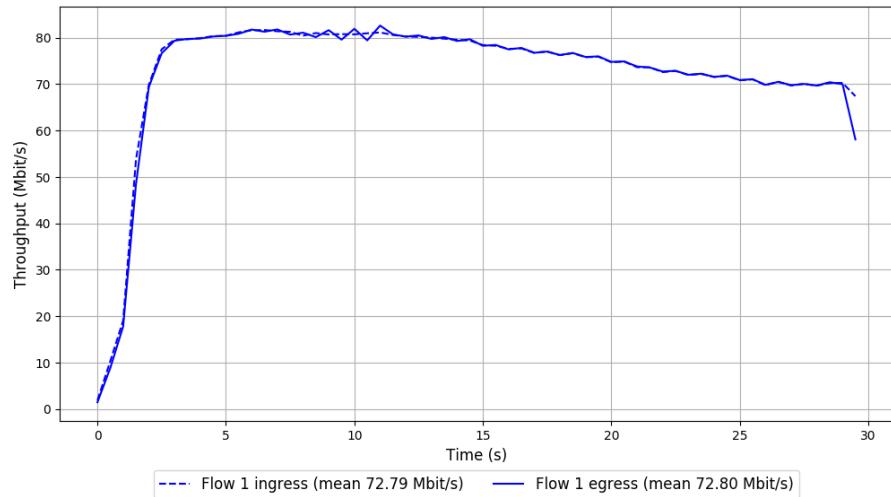


Run 7: Statistics of Copa

```
Start at: 2018-03-14 23:24:30
End at: 2018-03-14 23:25:00
Local clock offset: 2.419 ms
Remote clock offset: 0.111 ms

# Below is generated by plot.py at 2018-03-15 04:58:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.80 Mbit/s
95th percentile per-packet one-way delay: 65.242 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 72.80 Mbit/s
95th percentile per-packet one-way delay: 65.242 ms
Loss rate: 0.42%
```

Run 7: Report of Copa — Data Link

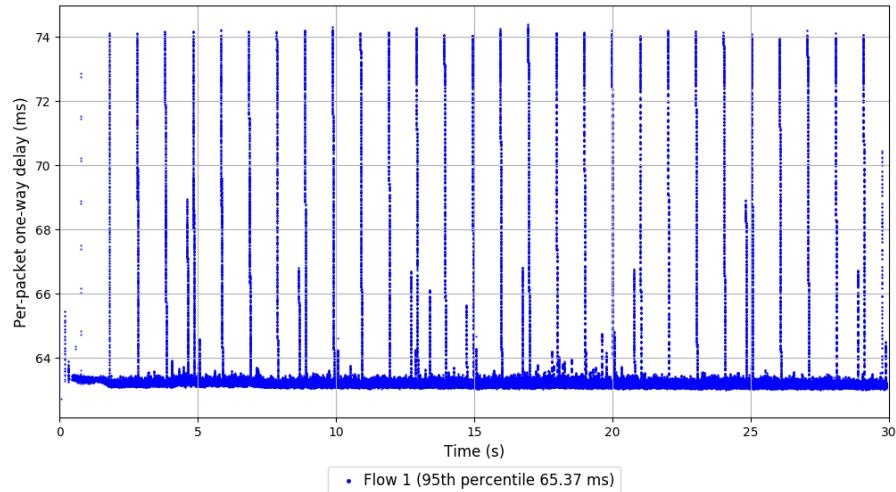
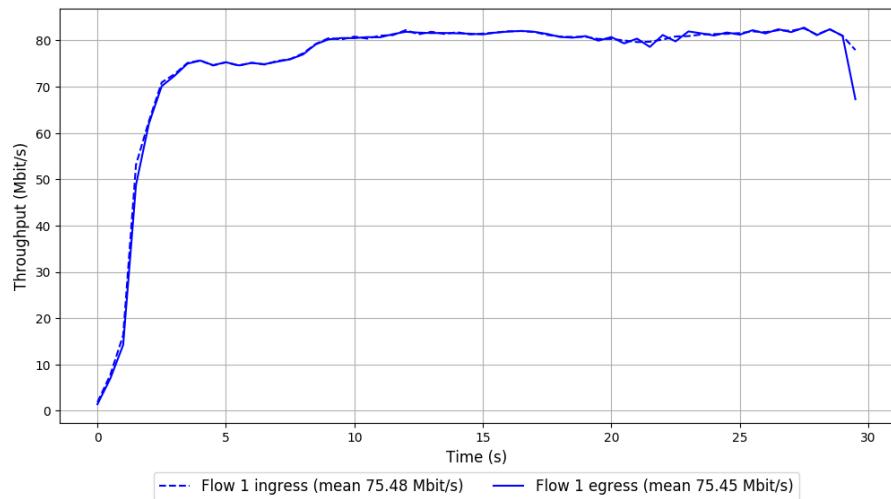


Run 8: Statistics of Copa

```
Start at: 2018-03-14 23:47:47
End at: 2018-03-14 23:48:17
Local clock offset: 4.647 ms
Remote clock offset: 0.382 ms

# Below is generated by plot.py at 2018-03-15 04:58:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.45 Mbit/s
95th percentile per-packet one-way delay: 65.370 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 75.45 Mbit/s
95th percentile per-packet one-way delay: 65.370 ms
Loss rate: 0.46%
```

Run 8: Report of Copa — Data Link

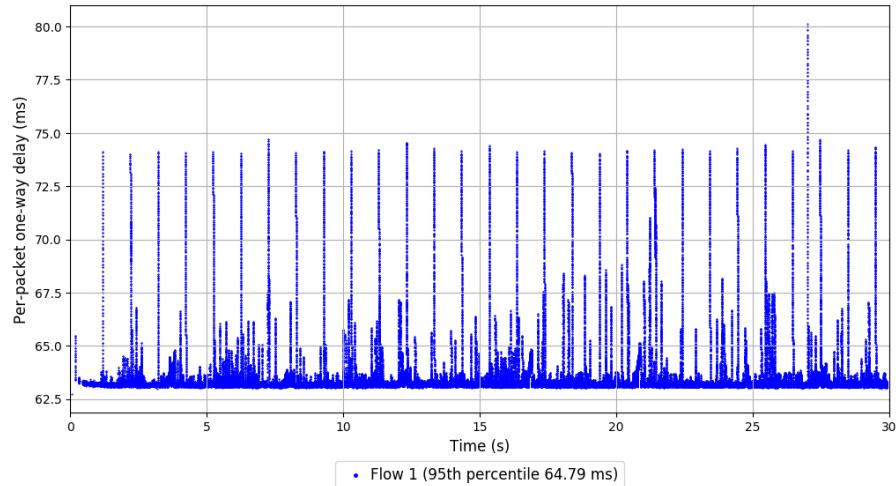
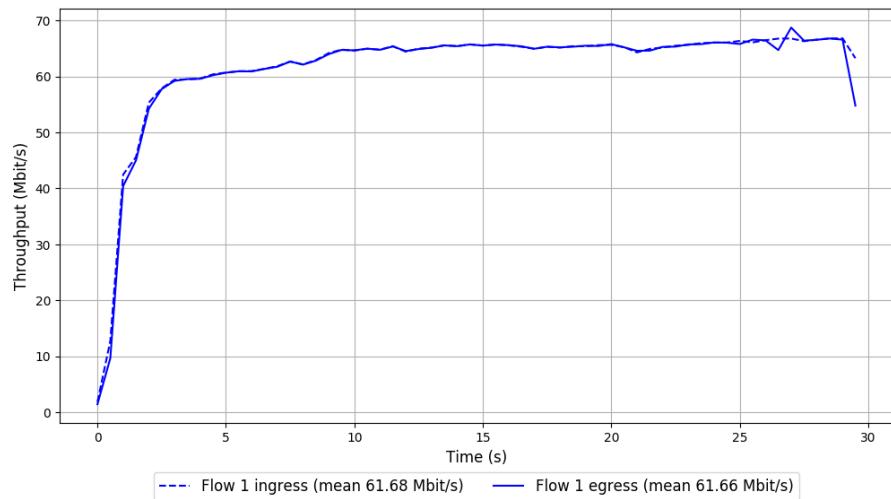


Run 9: Statistics of Copa

```
Start at: 2018-03-15 00:11:05
End at: 2018-03-15 00:11:35
Local clock offset: 5.036 ms
Remote clock offset: 0.205 ms

# Below is generated by plot.py at 2018-03-15 04:58:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.66 Mbit/s
95th percentile per-packet one-way delay: 64.790 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 61.66 Mbit/s
95th percentile per-packet one-way delay: 64.790 ms
Loss rate: 0.47%
```

Run 9: Report of Copa — Data Link

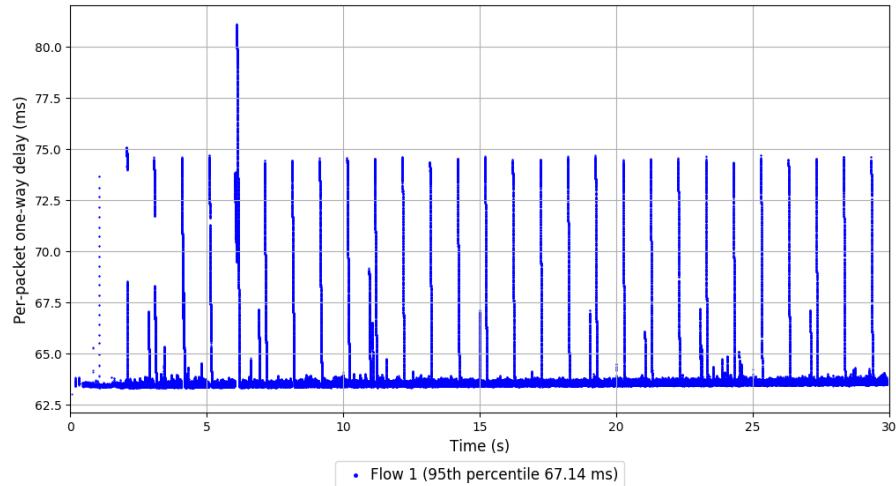
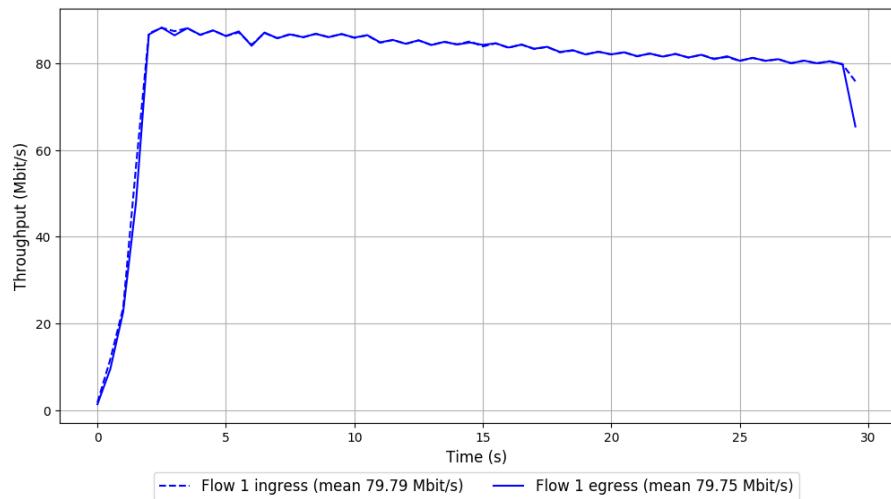


Run 10: Statistics of Copa

```
Start at: 2018-03-15 00:35:08
End at: 2018-03-15 00:35:38
Local clock offset: 5.913 ms
Remote clock offset: 9.114 ms

# Below is generated by plot.py at 2018-03-15 04:59:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.75 Mbit/s
95th percentile per-packet one-way delay: 67.142 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 79.75 Mbit/s
95th percentile per-packet one-way delay: 67.142 ms
Loss rate: 0.47%
```

Run 10: Report of Copa — Data Link

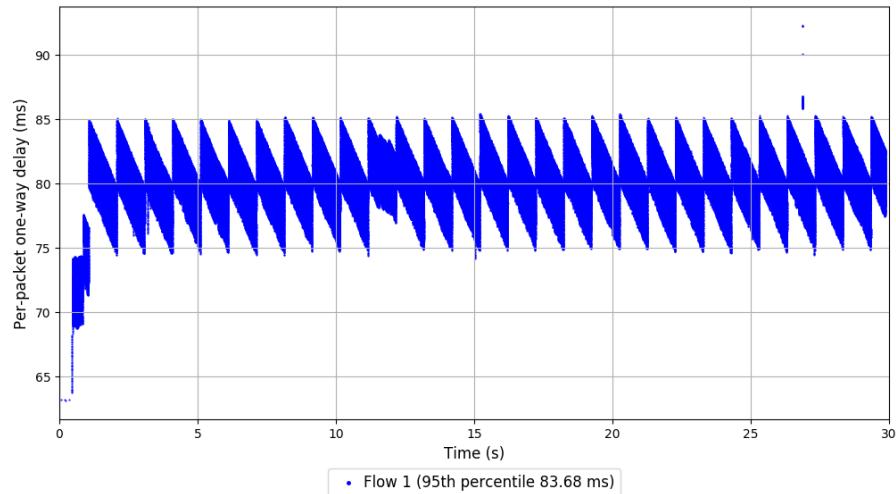
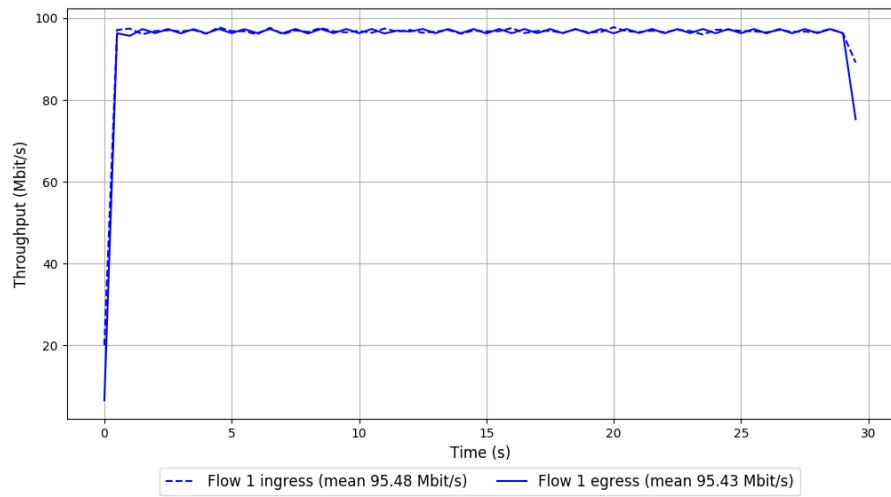


```
Run 1: Statistics of FillP
```

```
Start at: 2018-03-14 20:56:33
End at: 2018-03-14 20:57:03
Local clock offset: -2.435 ms
Remote clock offset: -0.695 ms

# Below is generated by plot.py at 2018-03-15 04:59:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 83.676 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 83.676 ms
Loss rate: 0.51%
```

Run 1: Report of FillP — Data Link

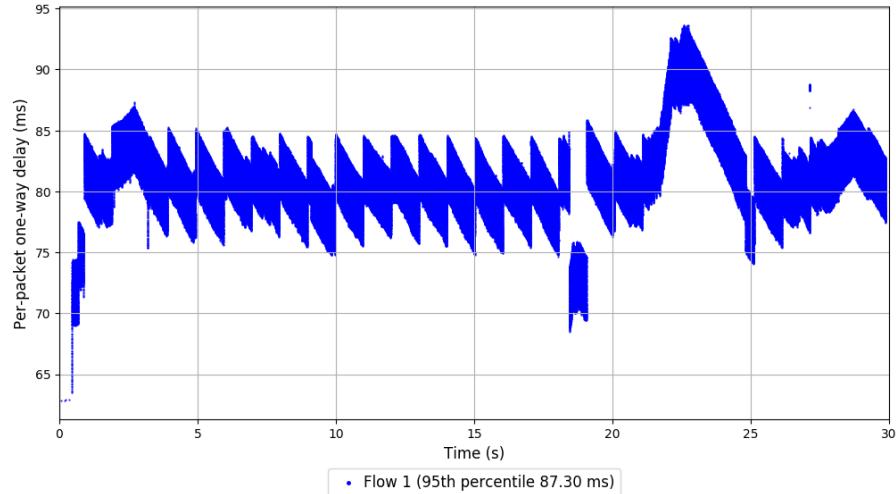
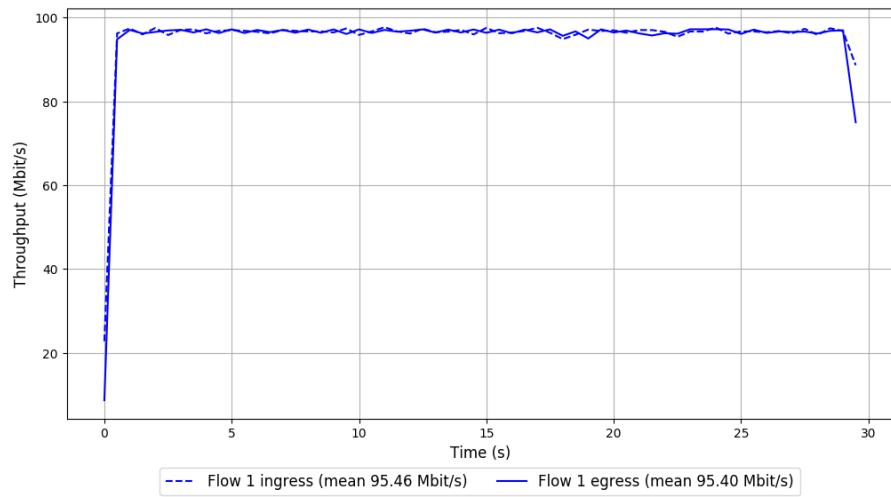


Run 2: Statistics of FillP

```
Start at: 2018-03-14 21:19:51
End at: 2018-03-14 21:20:21
Local clock offset: -7.905 ms
Remote clock offset: -4.041 ms

# Below is generated by plot.py at 2018-03-15 04:59:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.40 Mbit/s
95th percentile per-packet one-way delay: 87.298 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 95.40 Mbit/s
95th percentile per-packet one-way delay: 87.298 ms
Loss rate: 0.52%
```

Run 2: Report of FillP — Data Link

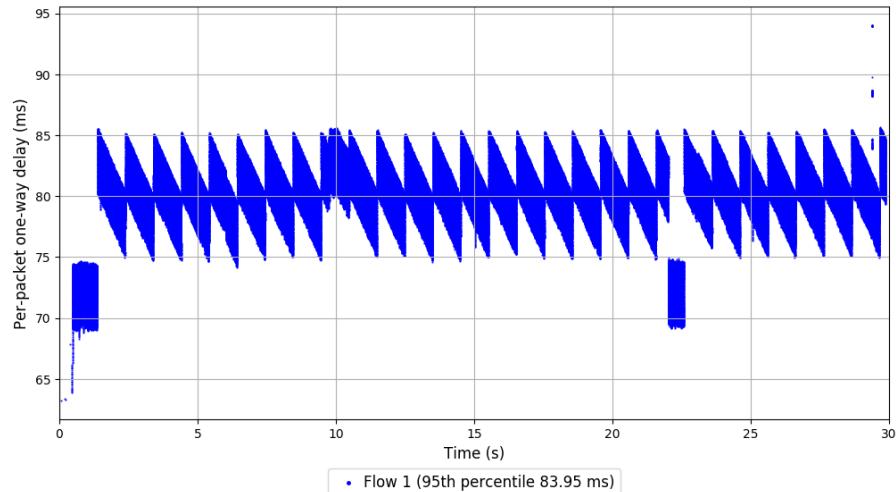
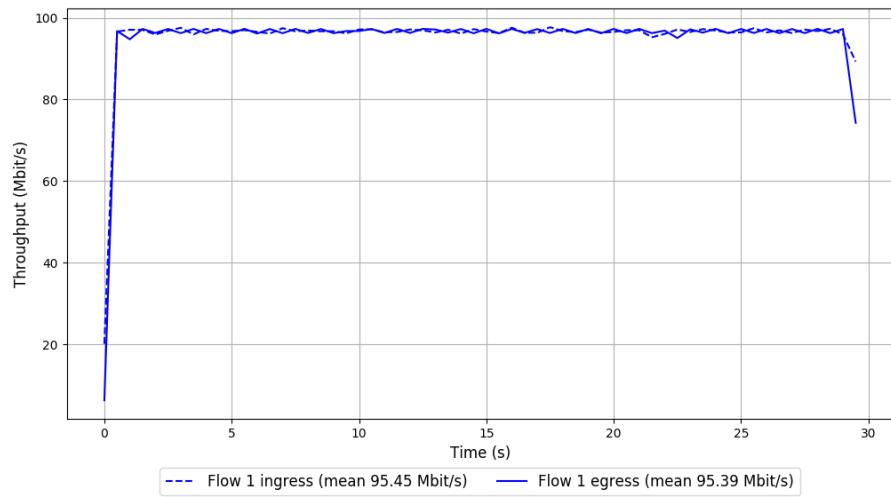


Run 3: Statistics of FillP

```
Start at: 2018-03-14 21:43:49
End at: 2018-03-14 21:44:19
Local clock offset: -9.517 ms
Remote clock offset: -0.685 ms

# Below is generated by plot.py at 2018-03-15 04:59:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.39 Mbit/s
95th percentile per-packet one-way delay: 83.948 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 95.39 Mbit/s
95th percentile per-packet one-way delay: 83.948 ms
Loss rate: 0.52%
```

Run 3: Report of FillP — Data Link

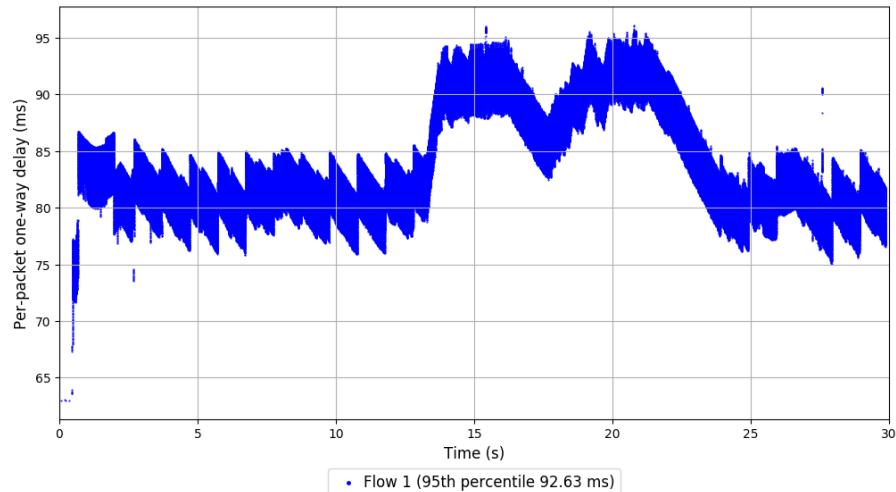
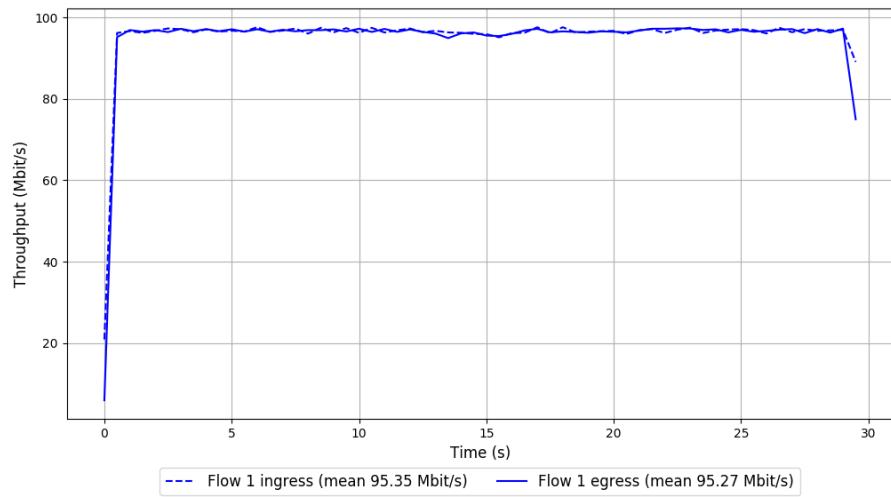


Run 4: Statistics of FillP

```
Start at: 2018-03-14 22:07:07
End at: 2018-03-14 22:07:37
Local clock offset: 1.479 ms
Remote clock offset: -0.383 ms

# Below is generated by plot.py at 2018-03-15 04:59:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 92.634 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 92.634 ms
Loss rate: 0.55%
```

Run 4: Report of FillP — Data Link

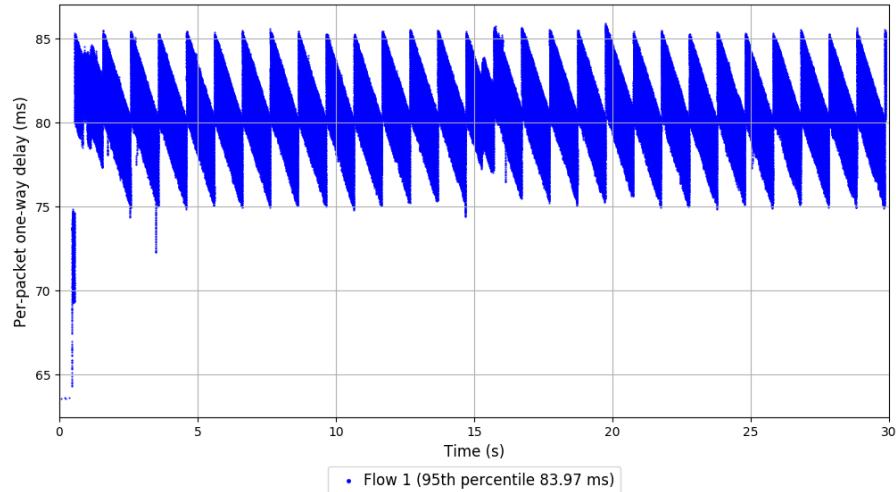
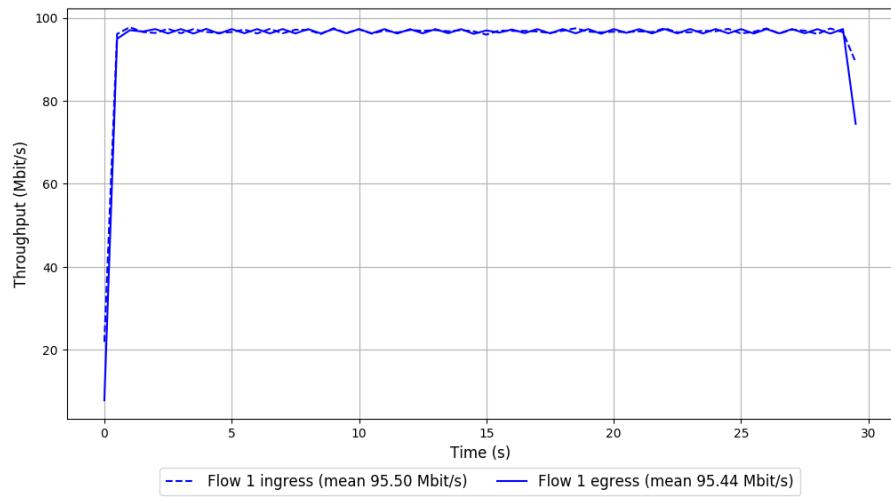


Run 5: Statistics of FillP

```
Start at: 2018-03-14 22:30:32
End at: 2018-03-14 22:31:02
Local clock offset: 0.871 ms
Remote clock offset: -8.428 ms

# Below is generated by plot.py at 2018-03-15 04:59:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 83.975 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 83.975 ms
Loss rate: 0.53%
```

Run 5: Report of FillP — Data Link

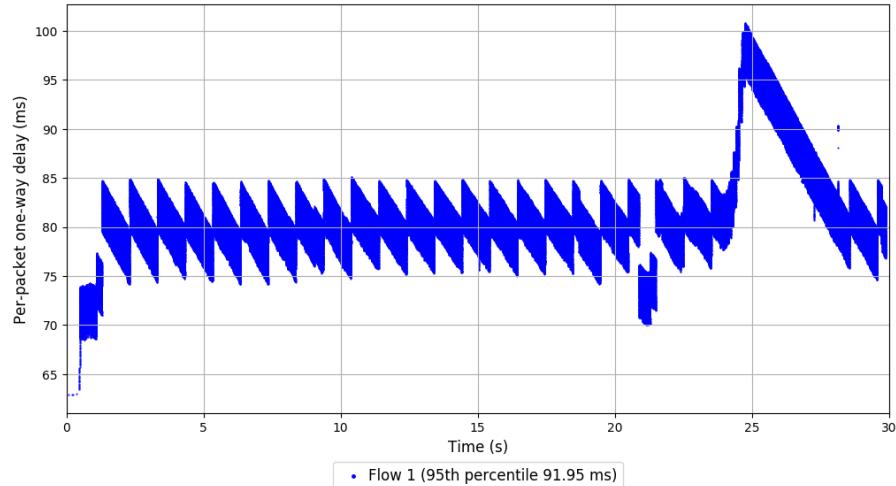
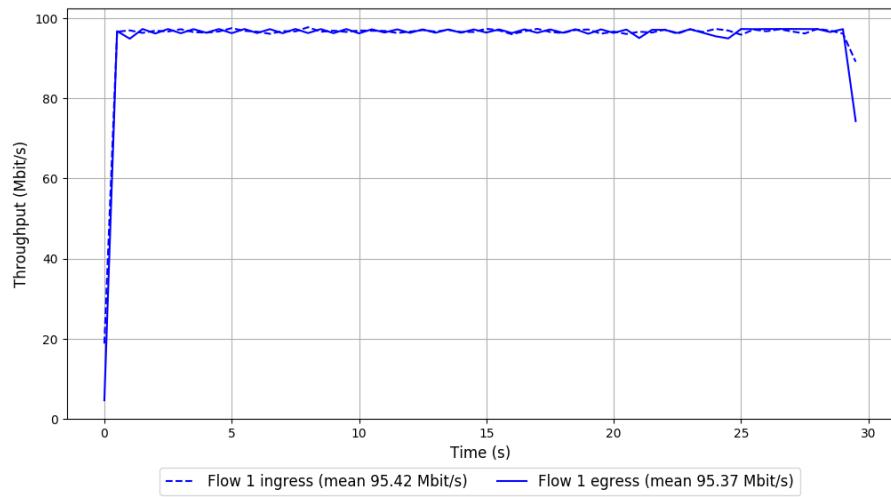


Run 6: Statistics of FillP

```
Start at: 2018-03-14 22:53:50
End at: 2018-03-14 22:54:20
Local clock offset: -2.515 ms
Remote clock offset: -1.411 ms

# Below is generated by plot.py at 2018-03-15 04:59:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 91.950 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 91.950 ms
Loss rate: 0.52%
```

Run 6: Report of FillP — Data Link

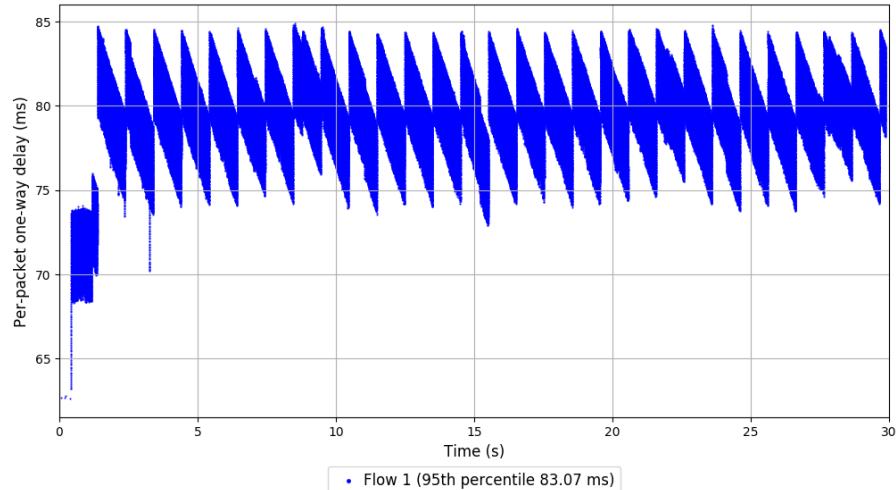
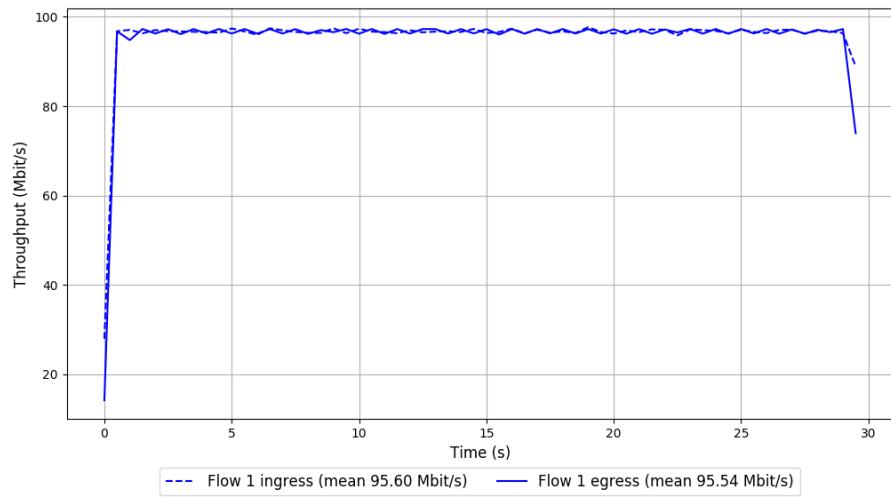


Run 7: Statistics of FillP

```
Start at: 2018-03-14 23:17:08
End at: 2018-03-14 23:17:38
Local clock offset: 2.064 ms
Remote clock offset: 0.95 ms

# Below is generated by plot.py at 2018-03-15 04:59:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.54 Mbit/s
95th percentile per-packet one-way delay: 83.068 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 95.54 Mbit/s
95th percentile per-packet one-way delay: 83.068 ms
Loss rate: 0.52%
```

Run 7: Report of FillP — Data Link

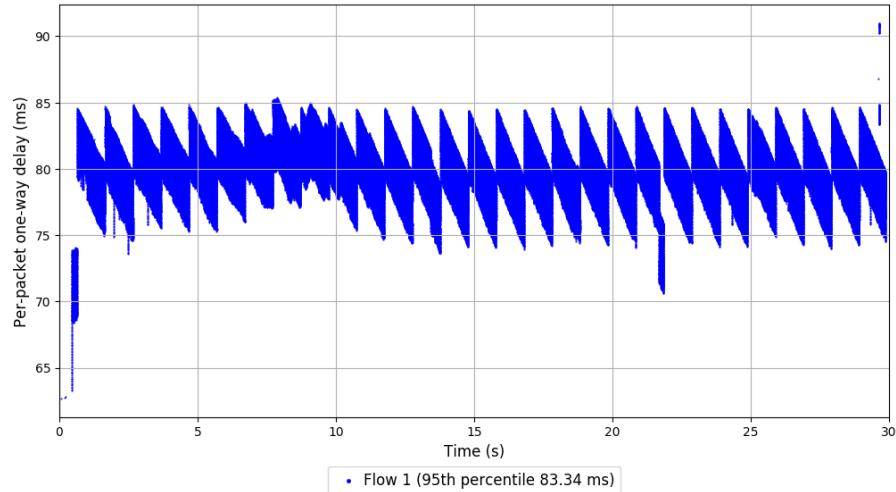
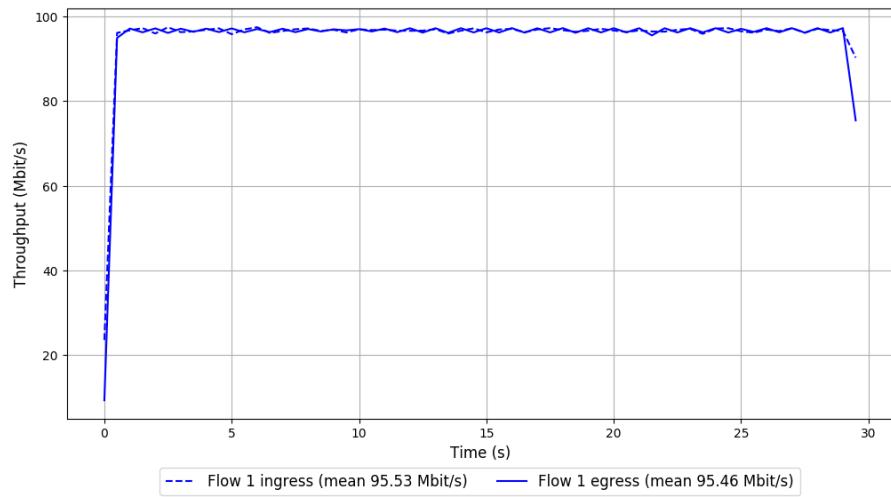


Run 8: Statistics of FillP

```
Start at: 2018-03-14 23:40:26
End at: 2018-03-14 23:40:56
Local clock offset: 3.918 ms
Remote clock offset: 0.152 ms

# Below is generated by plot.py at 2018-03-15 05:00:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 83.336 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 83.336 ms
Loss rate: 0.52%
```

Run 8: Report of FillP — Data Link

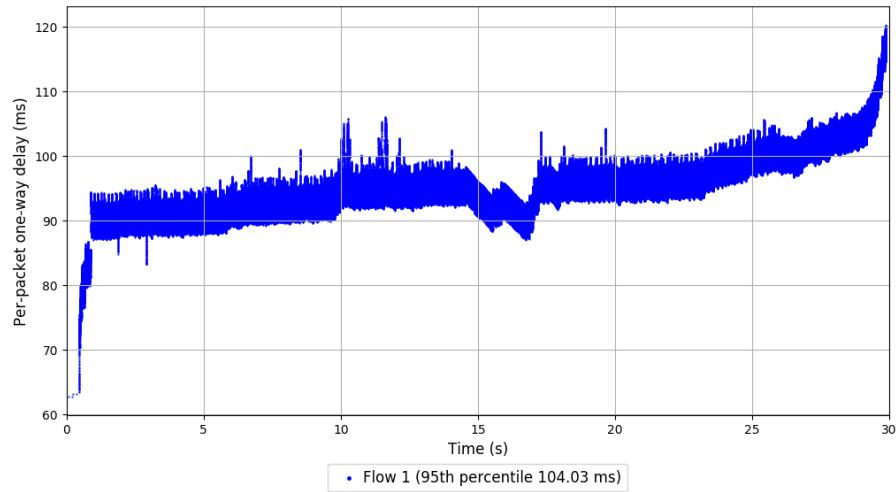
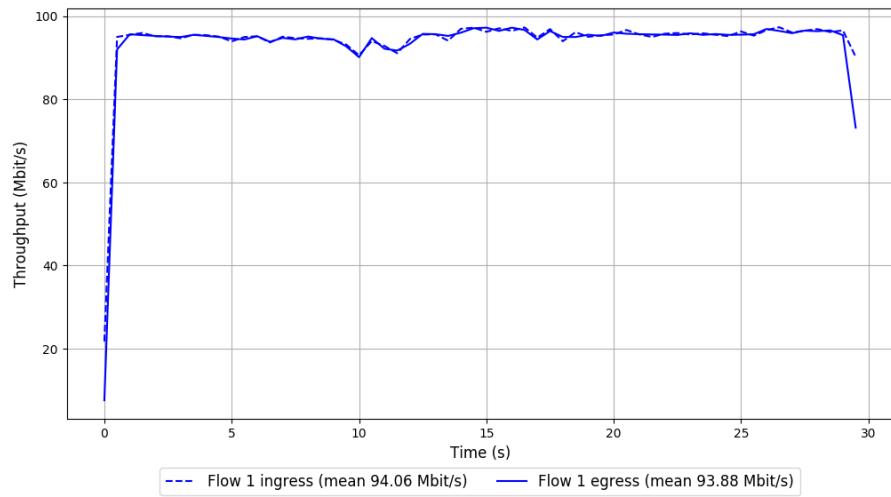


Run 9: Statistics of FillP

```
Start at: 2018-03-15 00:03:44
End at: 2018-03-15 00:04:14
Local clock offset: 5.136 ms
Remote clock offset: 0.101 ms

# Below is generated by plot.py at 2018-03-15 05:00:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 104.033 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 104.033 ms
Loss rate: 0.68%
```

Run 9: Report of FillP — Data Link

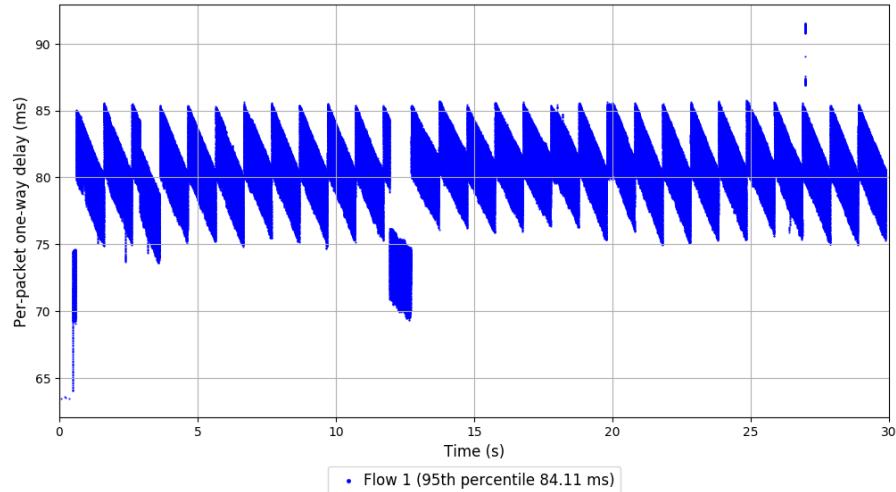
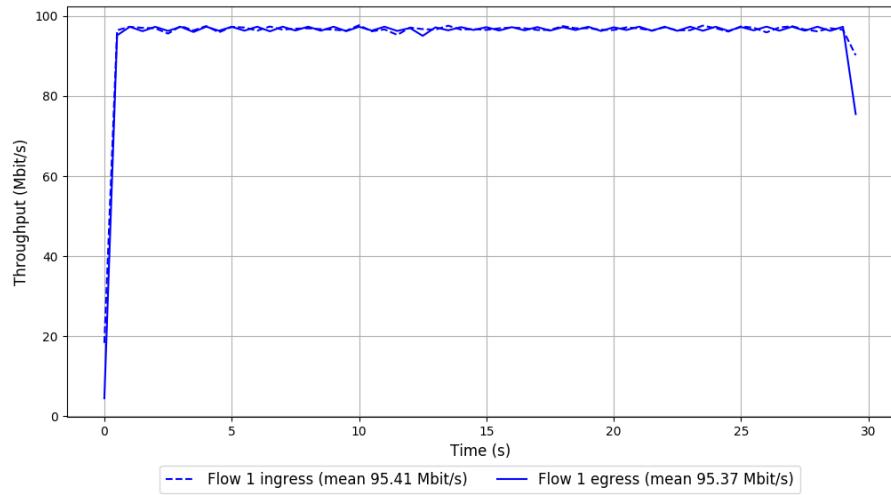


Run 10: Statistics of FillP

```
Start at: 2018-03-15 00:27:47
End at: 2018-03-15 00:28:18
Local clock offset: 5.934 ms
Remote clock offset: 5.73 ms

# Below is generated by plot.py at 2018-03-15 05:01:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 84.106 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 84.106 ms
Loss rate: 0.52%
```

Run 10: Report of FillP — Data Link

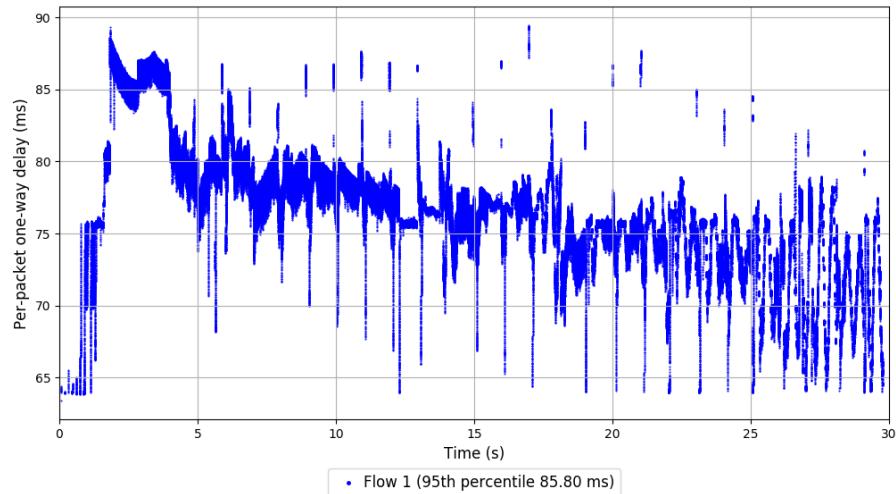
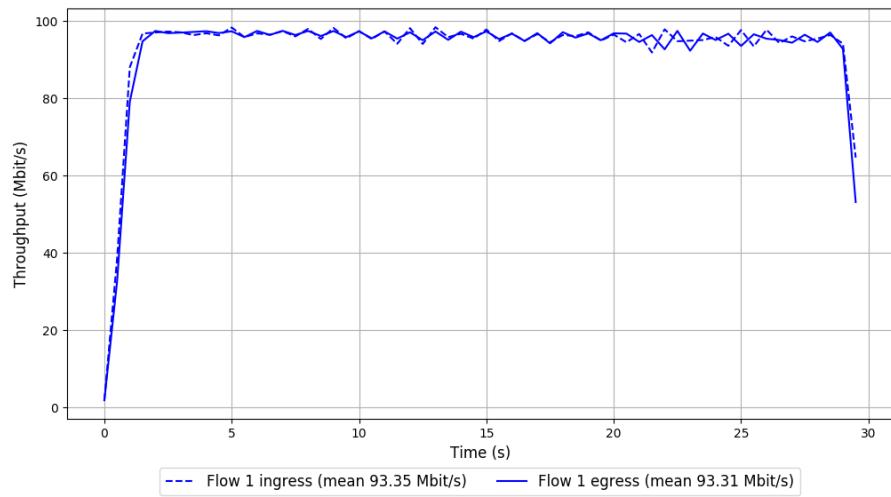


Run 1: Statistics of Indigo-1-32

```
Start at: 2018-03-14 21:06:21
End at: 2018-03-14 21:06:52
Local clock offset: -4.784 ms
Remote clock offset: -2.971 ms

# Below is generated by plot.py at 2018-03-15 05:01:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.31 Mbit/s
95th percentile per-packet one-way delay: 85.798 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 93.31 Mbit/s
95th percentile per-packet one-way delay: 85.798 ms
Loss rate: 0.47%
```

Run 1: Report of Indigo-1-32 — Data Link

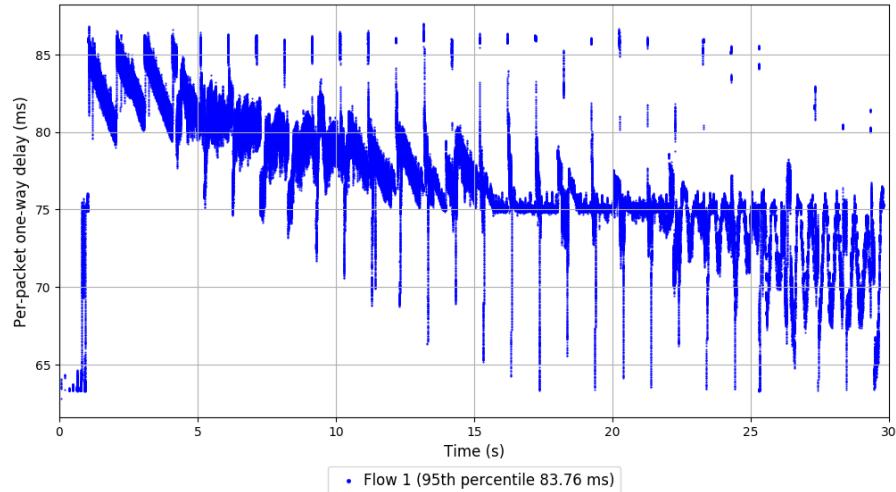
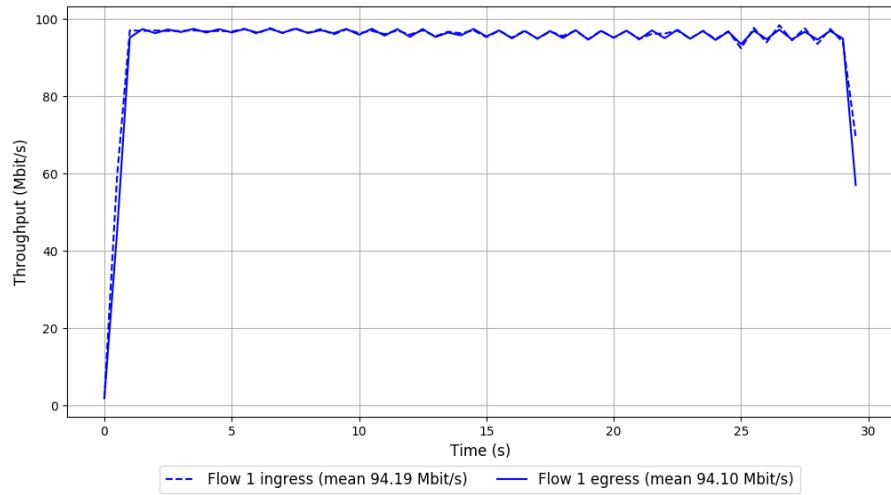


Run 2: Statistics of Indigo-1-32

```
Start at: 2018-03-14 21:29:59
End at: 2018-03-14 21:30:29
Local clock offset: -5.348 ms
Remote clock offset: -4.576 ms

# Below is generated by plot.py at 2018-03-15 05:01:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 83.760 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 83.760 ms
Loss rate: 0.53%
```

Run 2: Report of Indigo-1-32 — Data Link

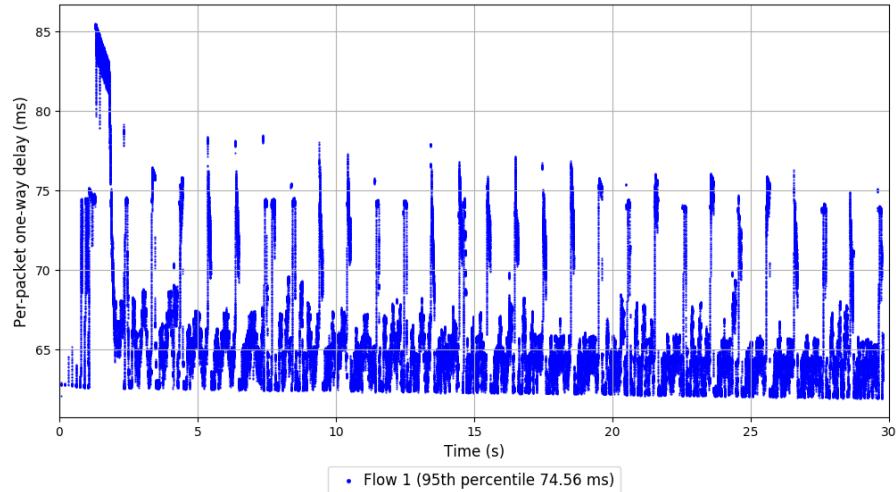
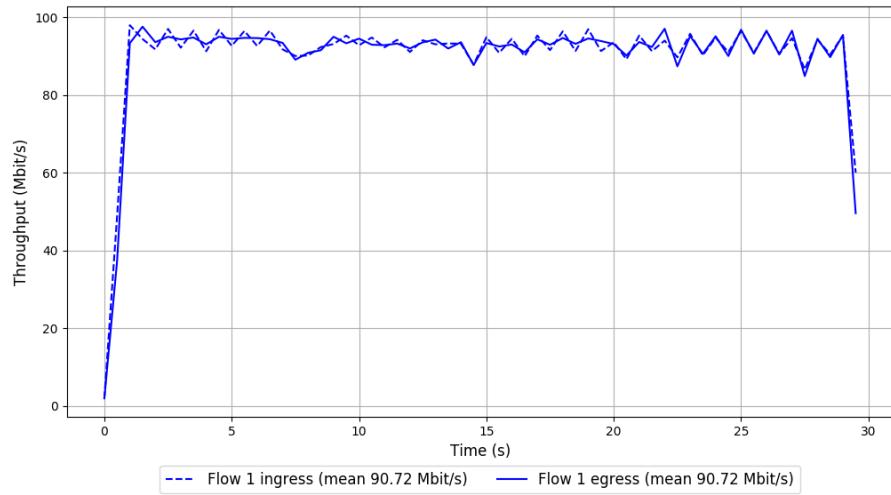


Run 3: Statistics of Indigo-1-32

```
Start at: 2018-03-14 21:53:39
End at: 2018-03-14 21:54:09
Local clock offset: -8.123 ms
Remote clock offset: 0.519 ms

# Below is generated by plot.py at 2018-03-15 05:01:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.72 Mbit/s
95th percentile per-packet one-way delay: 74.557 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 90.72 Mbit/s
95th percentile per-packet one-way delay: 74.557 ms
Loss rate: 0.42%
```

Run 3: Report of Indigo-1-32 — Data Link

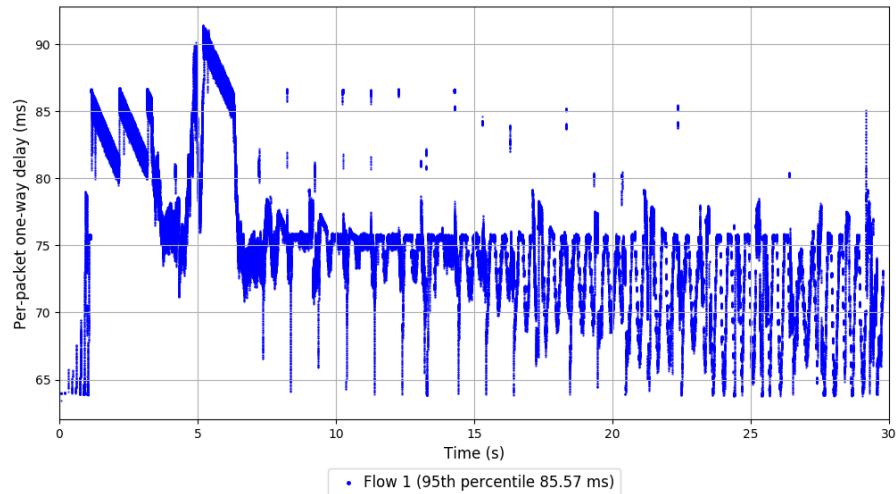
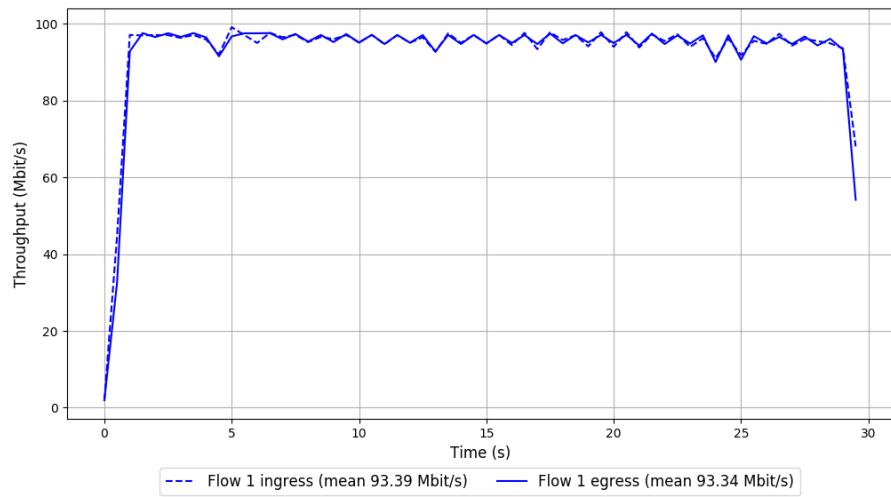


Run 4: Statistics of Indigo-1-32

```
Start at: 2018-03-14 22:17:04
End at: 2018-03-14 22:17:34
Local clock offset: 2.116 ms
Remote clock offset: -5.806 ms

# Below is generated by plot.py at 2018-03-15 05:01:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 85.566 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 85.566 ms
Loss rate: 0.48%
```

Run 4: Report of Indigo-1-32 — Data Link

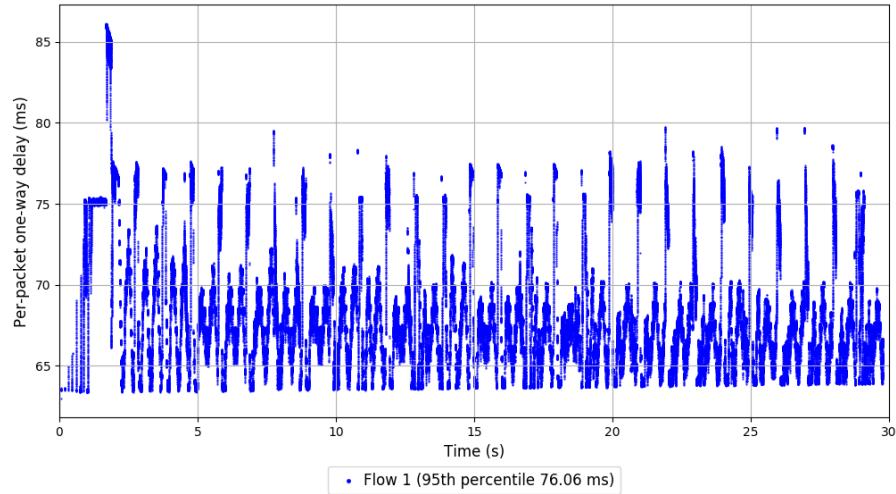
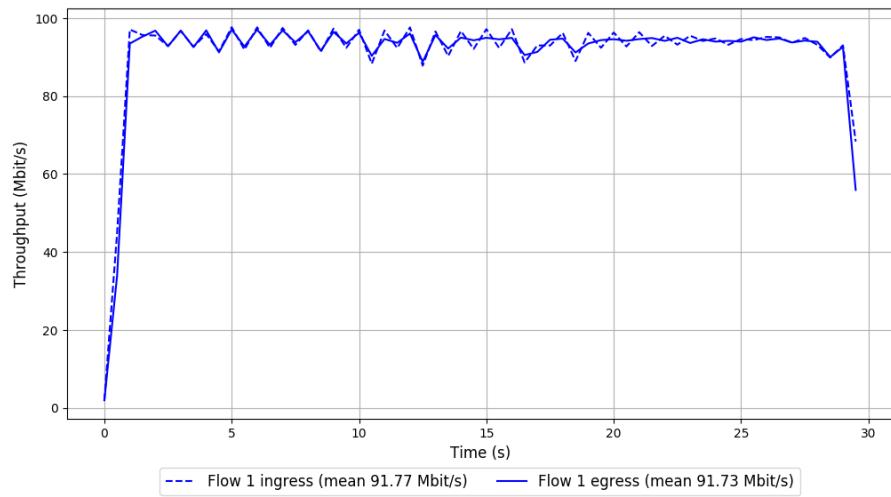


Run 5: Statistics of Indigo-1-32

```
Start at: 2018-03-14 22:40:22
End at: 2018-03-14 22:40:53
Local clock offset: -0.504 ms
Remote clock offset: -8.426 ms

# Below is generated by plot.py at 2018-03-15 05:01:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.73 Mbit/s
95th percentile per-packet one-way delay: 76.061 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 91.73 Mbit/s
95th percentile per-packet one-way delay: 76.061 ms
Loss rate: 0.47%
```

Run 5: Report of Indigo-1-32 — Data Link

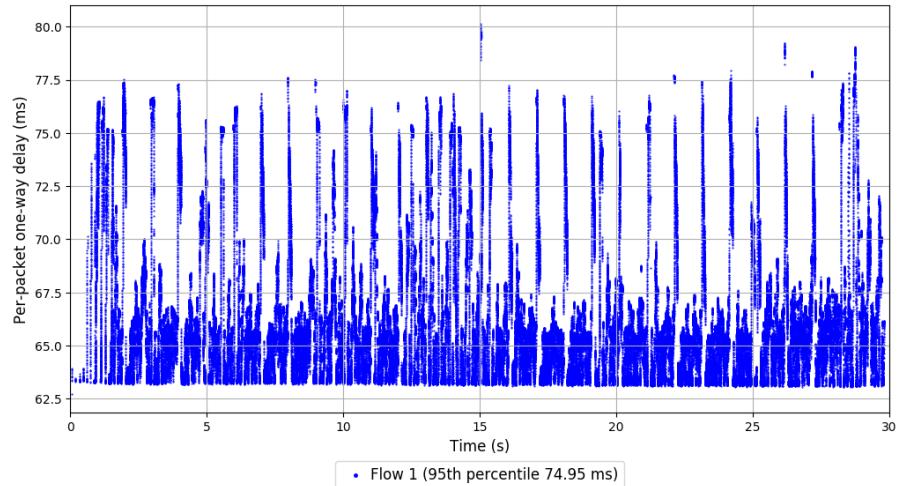
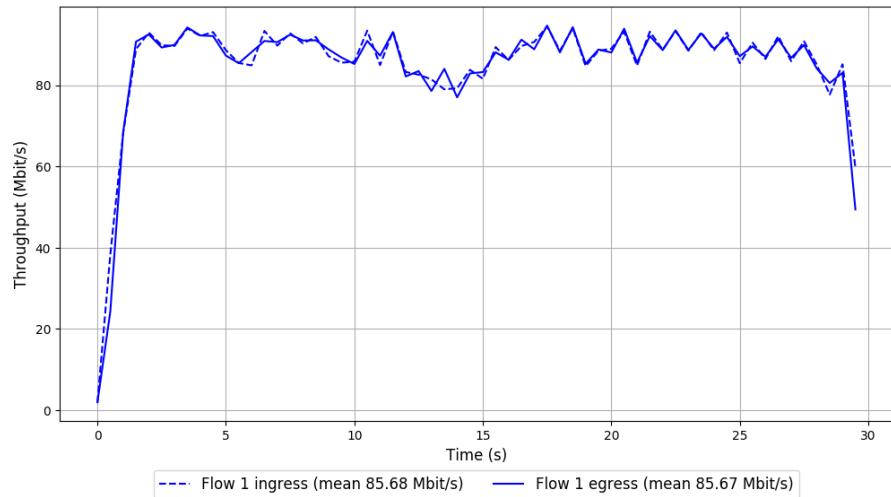


Run 6: Statistics of Indigo-1-32

```
Start at: 2018-03-14 23:03:40
End at: 2018-03-14 23:04:10
Local clock offset: -0.806 ms
Remote clock offset: 0.514 ms

# Below is generated by plot.py at 2018-03-15 05:01:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.67 Mbit/s
95th percentile per-packet one-way delay: 74.946 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 85.67 Mbit/s
95th percentile per-packet one-way delay: 74.946 ms
Loss rate: 0.44%
```

Run 6: Report of Indigo-1-32 — Data Link



Run 7: Statistics of Indigo-1-32

Start at: 2018-03-14 23:26:58

End at: 2018-03-14 23:27:28

Local clock offset: 2.658 ms

Remote clock offset: 0.034 ms

Below is generated by plot.py at 2018-03-15 05:02:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.42 Mbit/s

95th percentile per-packet one-way delay: 75.347 ms

Loss rate: 0.43%

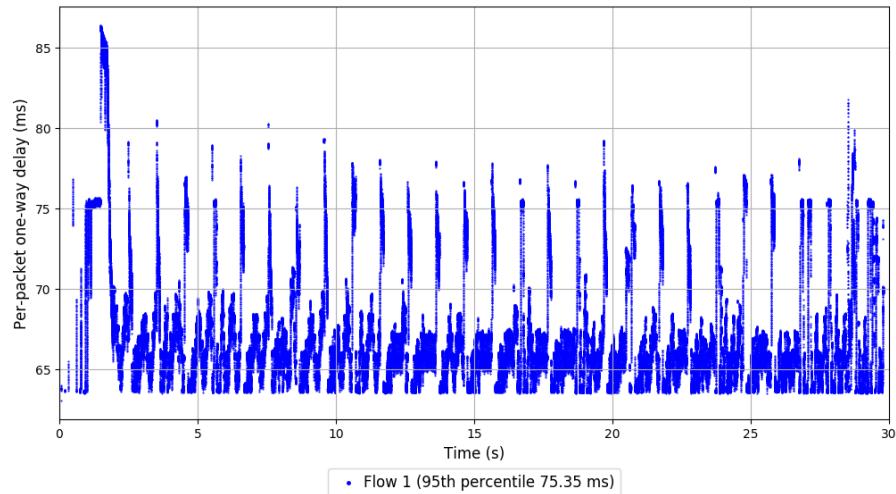
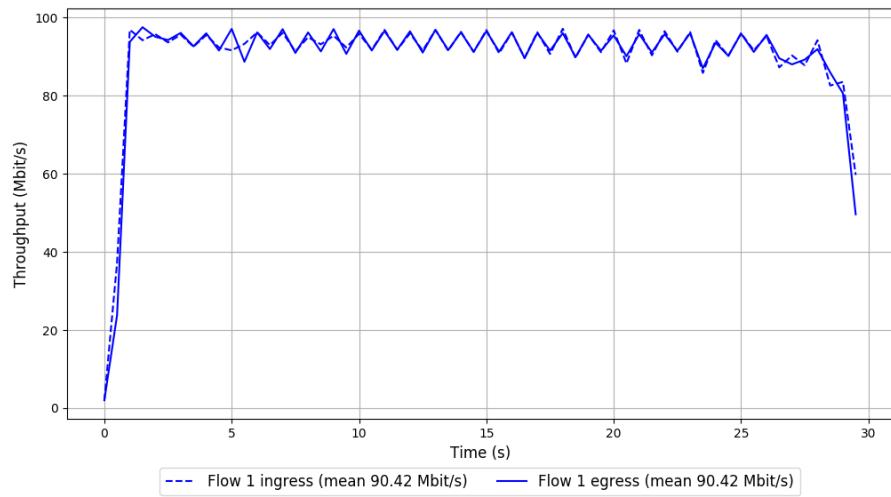
-- Flow 1:

Average throughput: 90.42 Mbit/s

95th percentile per-packet one-way delay: 75.347 ms

Loss rate: 0.43%

Run 7: Report of Indigo-1-32 — Data Link

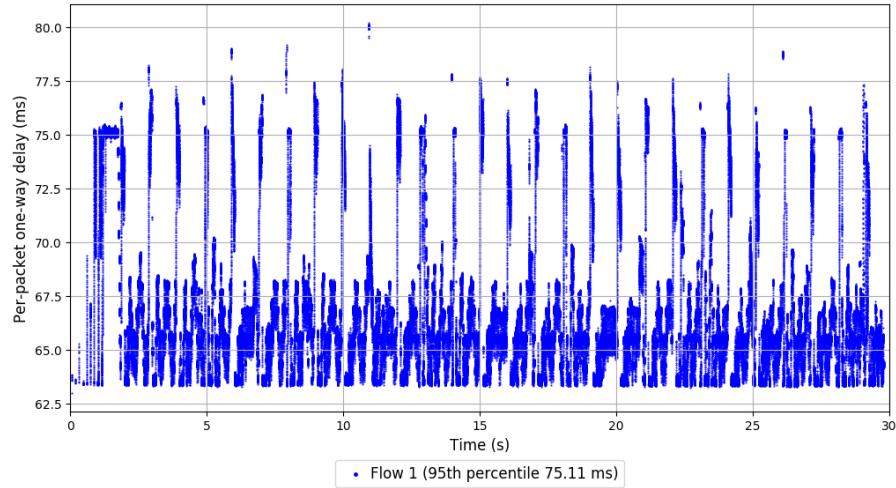
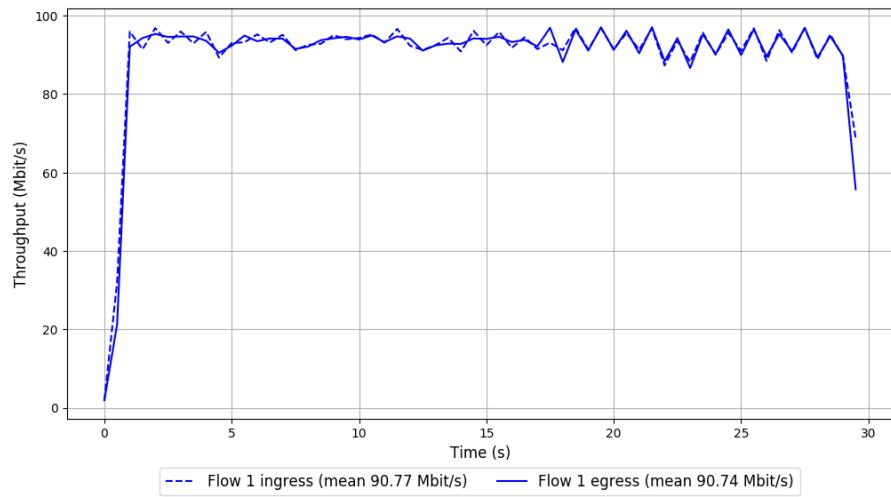


Run 8: Statistics of Indigo-1-32

```
Start at: 2018-03-14 23:50:16
End at: 2018-03-14 23:50:46
Local clock offset: 4.671 ms
Remote clock offset: 0.199 ms

# Below is generated by plot.py at 2018-03-15 05:02:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 75.114 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 75.114 ms
Loss rate: 0.47%
```

Run 8: Report of Indigo-1-32 — Data Link

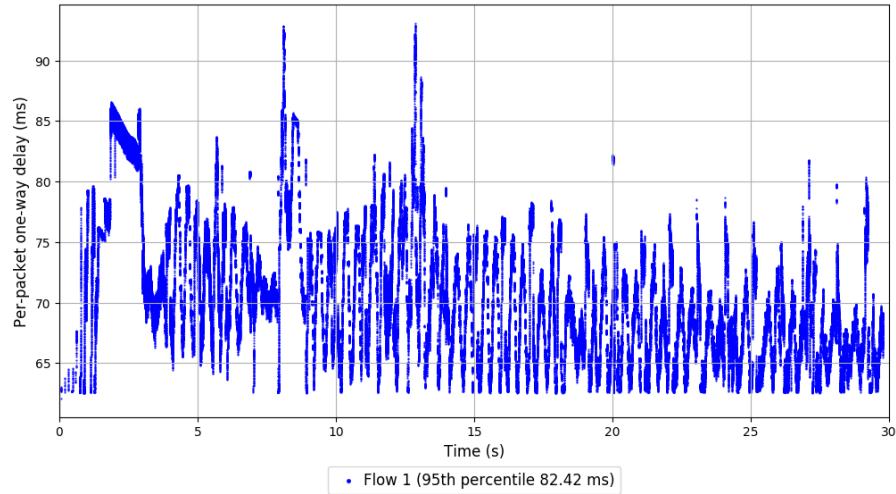
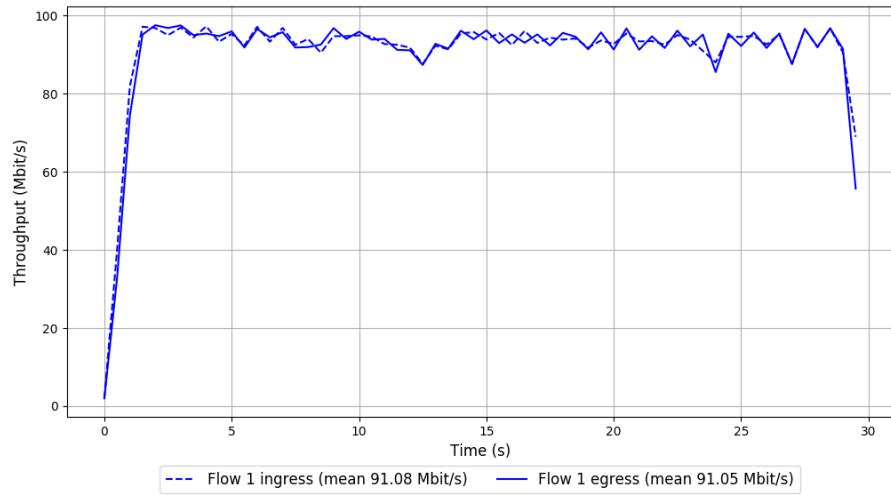


Run 9: Statistics of Indigo-1-32

```
Start at: 2018-03-15 00:13:33
End at: 2018-03-15 00:14:03
Local clock offset: 4.853 ms
Remote clock offset: 0.269 ms

# Below is generated by plot.py at 2018-03-15 05:02:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.05 Mbit/s
95th percentile per-packet one-way delay: 82.421 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 91.05 Mbit/s
95th percentile per-packet one-way delay: 82.421 ms
Loss rate: 0.46%
```

Run 9: Report of Indigo-1-32 — Data Link

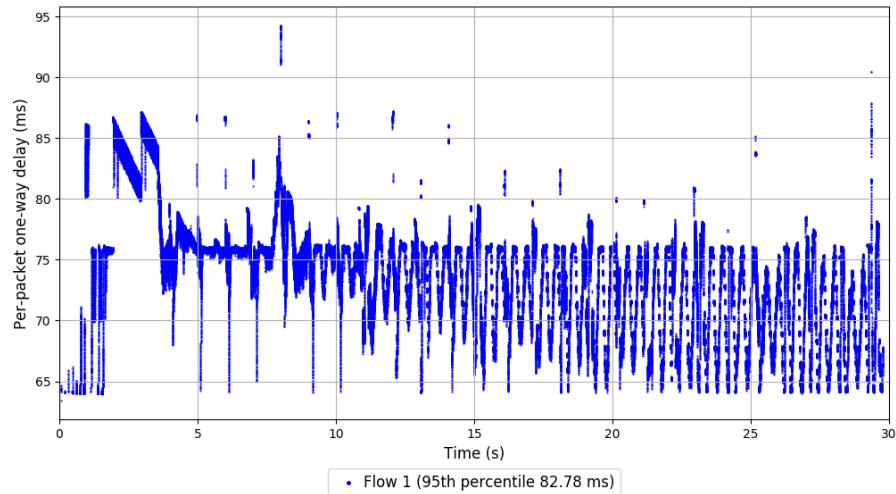
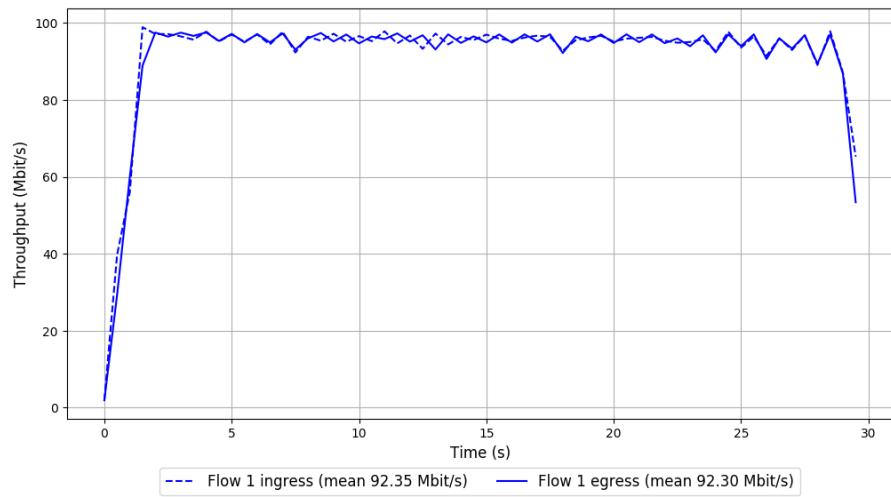


Run 10: Statistics of Indigo-1-32

```
Start at: 2018-03-15 00:37:38
End at: 2018-03-15 00:38:08
Local clock offset: 6.23 ms
Remote clock offset: 9.986 ms

# Below is generated by plot.py at 2018-03-15 05:02:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 82.785 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 82.785 ms
Loss rate: 0.49%
```

Run 10: Report of Indigo-1-32 — Data Link

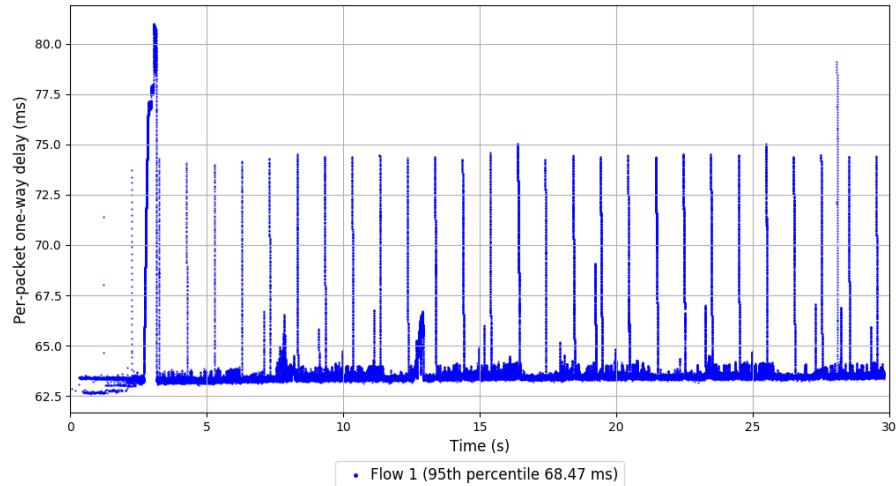
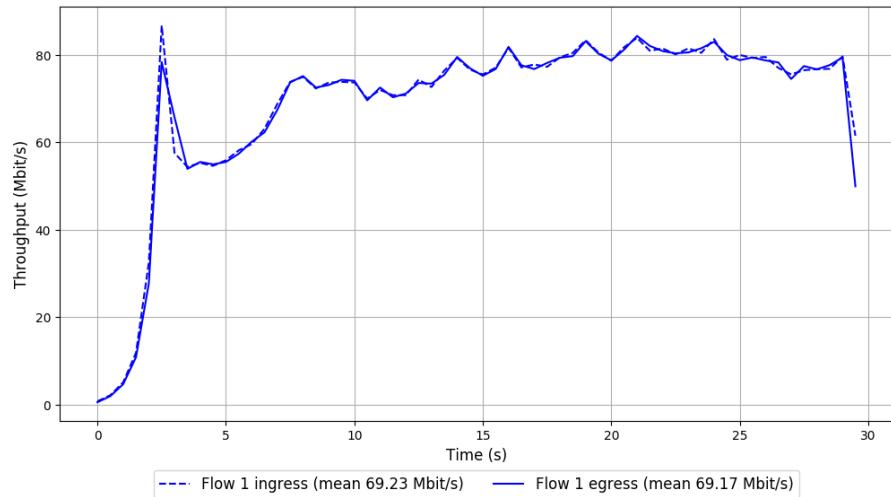


Run 1: Statistics of Vivace-latency

```
Start at: 2018-03-14 21:07:37
End at: 2018-03-14 21:08:07
Local clock offset: -5.239 ms
Remote clock offset: -3.097 ms

# Below is generated by plot.py at 2018-03-15 05:02:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.17 Mbit/s
95th percentile per-packet one-way delay: 68.474 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 69.17 Mbit/s
95th percentile per-packet one-way delay: 68.474 ms
Loss rate: 0.51%
```

Run 1: Report of Vivace-latency — Data Link

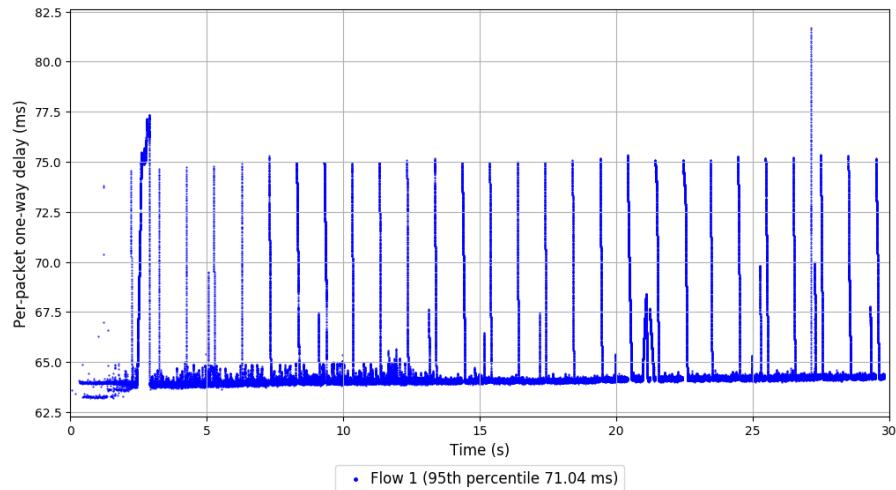
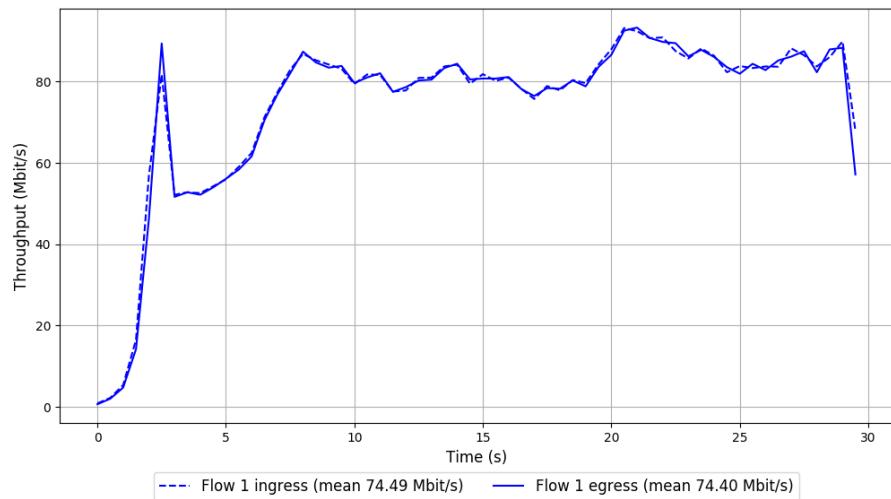


Run 2: Statistics of Vivace-latency

```
Start at: 2018-03-14 21:31:25
End at: 2018-03-14 21:31:55
Local clock offset: -5.669 ms
Remote clock offset: -4.425 ms

# Below is generated by plot.py at 2018-03-15 05:02:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.40 Mbit/s
95th percentile per-packet one-way delay: 71.044 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 74.40 Mbit/s
95th percentile per-packet one-way delay: 71.044 ms
Loss rate: 0.55%
```

Run 2: Report of Vivace-latency — Data Link

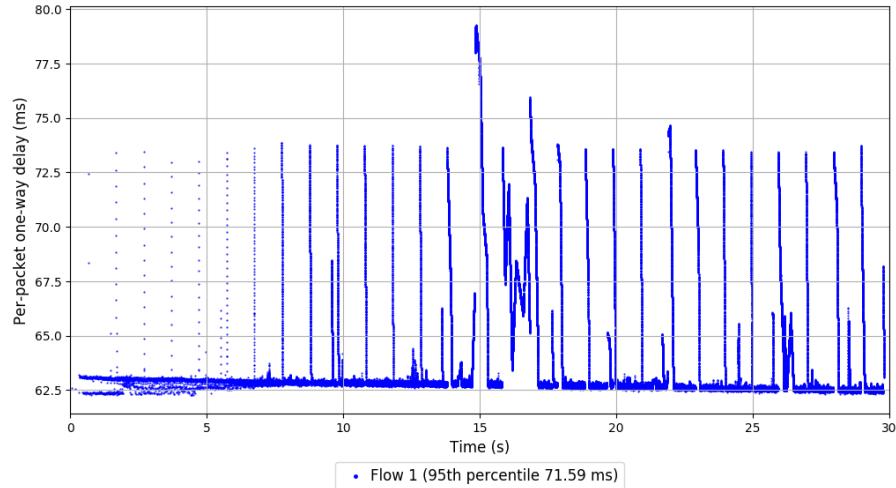
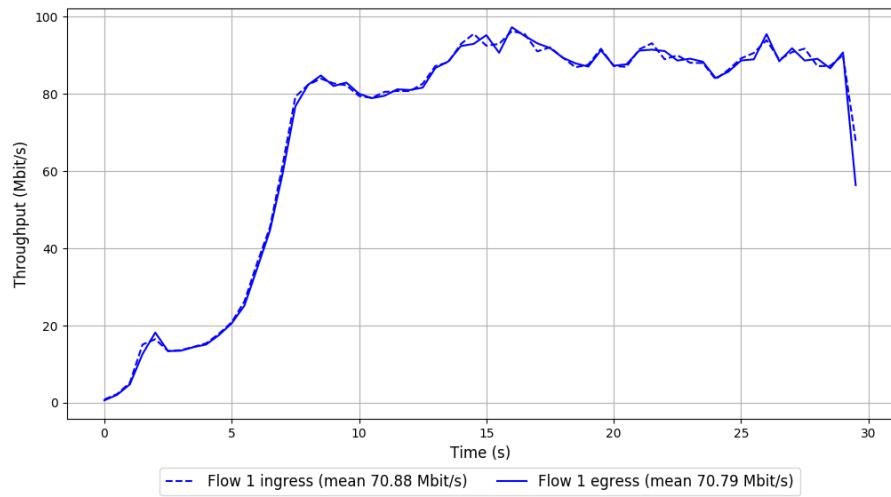


Run 3: Statistics of Vivace-latency

```
Start at: 2018-03-14 21:54:55
End at: 2018-03-14 21:55:25
Local clock offset: -6.085 ms
Remote clock offset: 0.651 ms

# Below is generated by plot.py at 2018-03-15 05:02:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.79 Mbit/s
95th percentile per-packet one-way delay: 71.591 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 70.79 Mbit/s
95th percentile per-packet one-way delay: 71.591 ms
Loss rate: 0.55%
```

Run 3: Report of Vivace-latency — Data Link

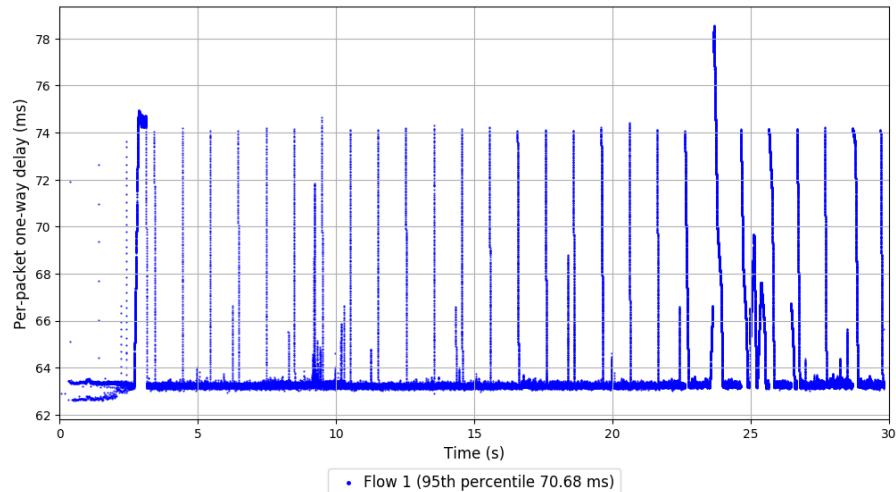
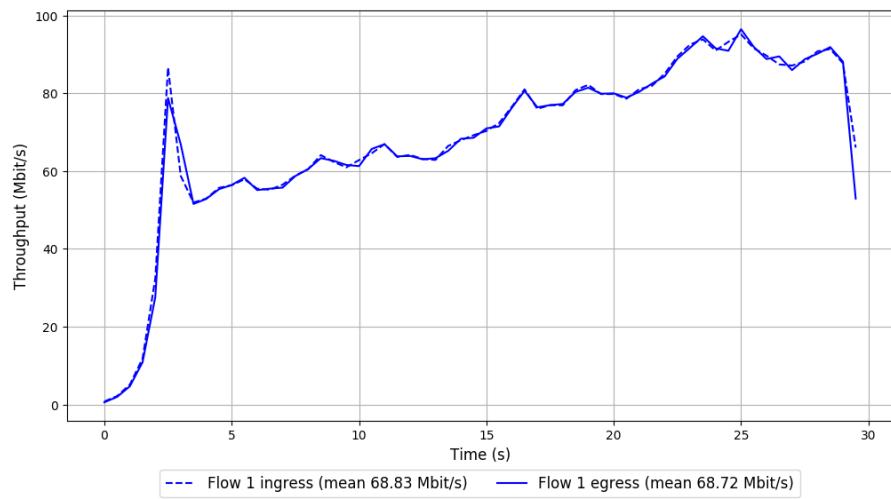


Run 4: Statistics of Vivace-latency

```
Start at: 2018-03-14 22:18:20
End at: 2018-03-14 22:18:50
Local clock offset: 1.943 ms
Remote clock offset: -6.273 ms

# Below is generated by plot.py at 2018-03-15 05:02:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.72 Mbit/s
95th percentile per-packet one-way delay: 70.681 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 68.72 Mbit/s
95th percentile per-packet one-way delay: 70.681 ms
Loss rate: 0.58%
```

Run 4: Report of Vivace-latency — Data Link

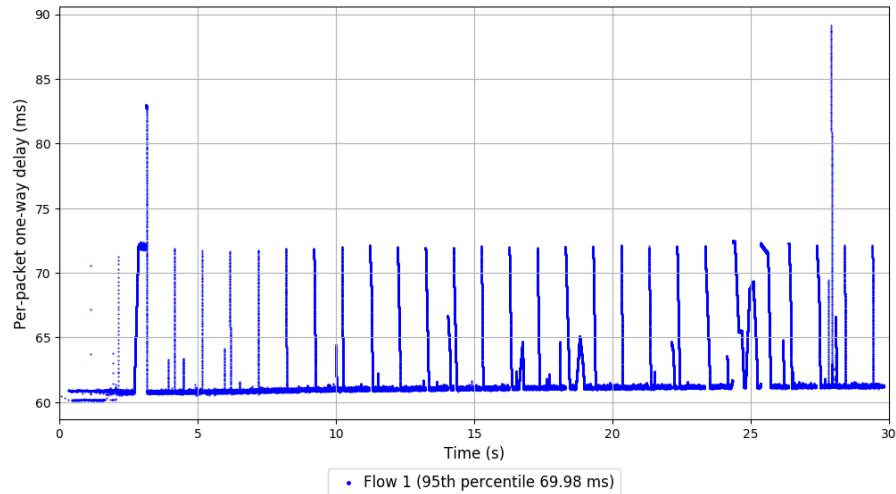
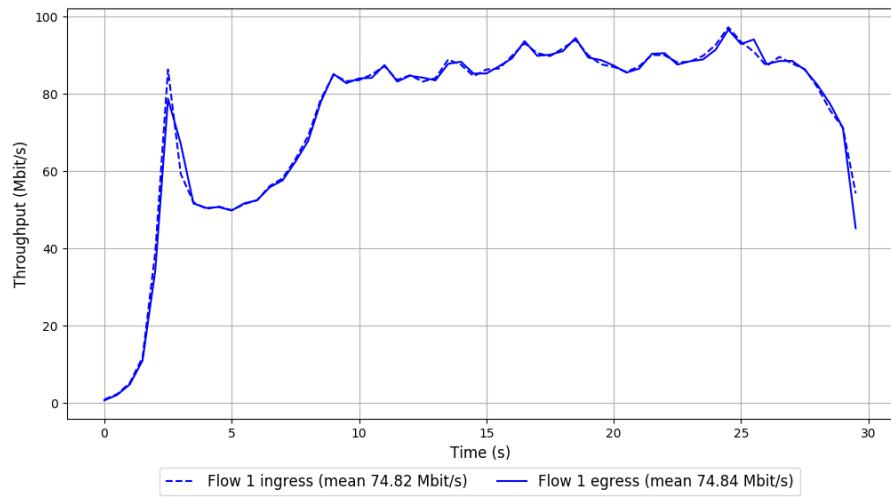


Run 5: Statistics of Vivace-latency

```
Start at: 2018-03-14 22:41:38
End at: 2018-03-14 22:42:08
Local clock offset: -3.585 ms
Remote clock offset: -7.421 ms

# Below is generated by plot.py at 2018-03-15 05:03:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.84 Mbit/s
95th percentile per-packet one-way delay: 69.978 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 74.84 Mbit/s
95th percentile per-packet one-way delay: 69.978 ms
Loss rate: 0.40%
```

Run 5: Report of Vivace-latency — Data Link

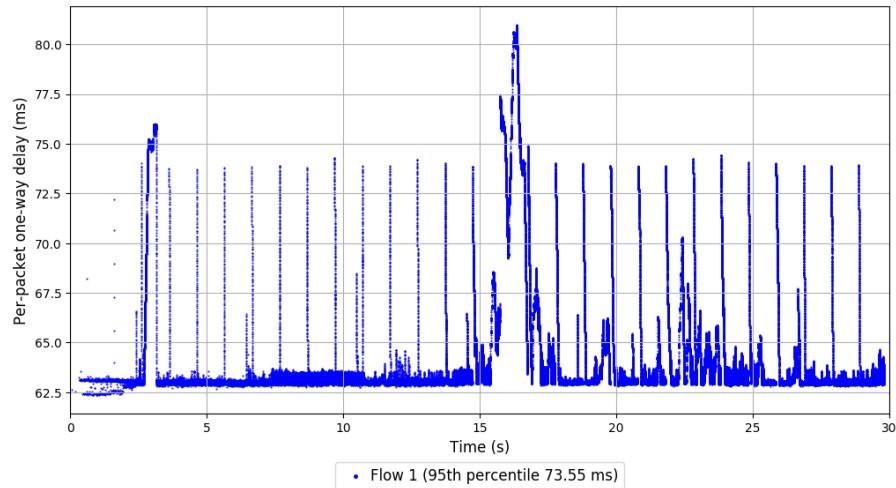
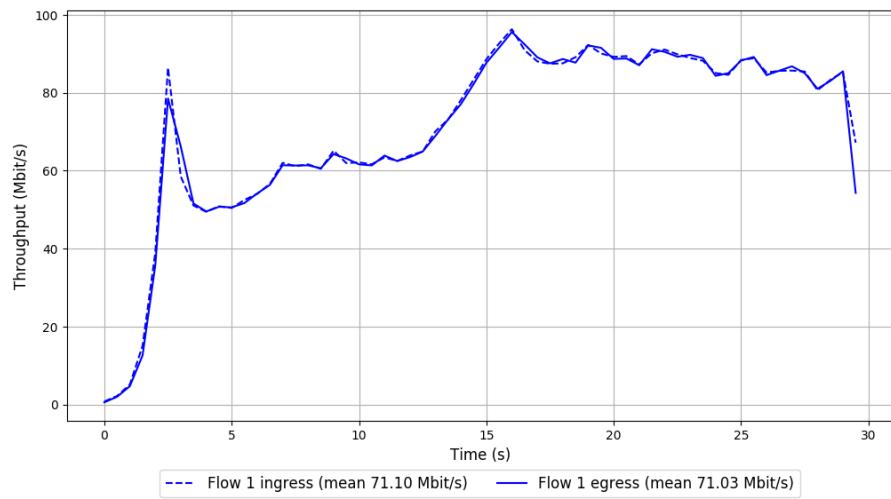


Run 6: Statistics of Vivace-latency

```
Start at: 2018-03-14 23:04:55
End at: 2018-03-14 23:05:25
Local clock offset: -0.367 ms
Remote clock offset: 0.689 ms

# Below is generated by plot.py at 2018-03-15 05:03:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.03 Mbit/s
95th percentile per-packet one-way delay: 73.550 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 71.03 Mbit/s
95th percentile per-packet one-way delay: 73.550 ms
Loss rate: 0.55%
```

Run 6: Report of Vivace-latency — Data Link

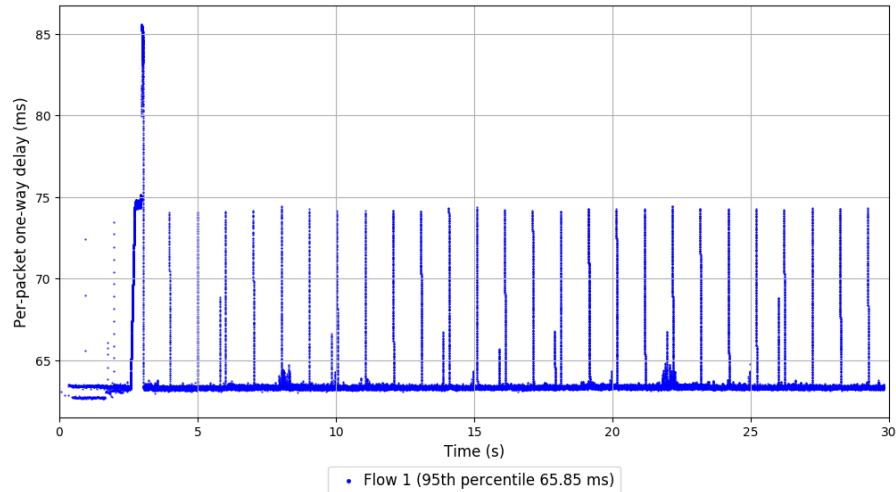
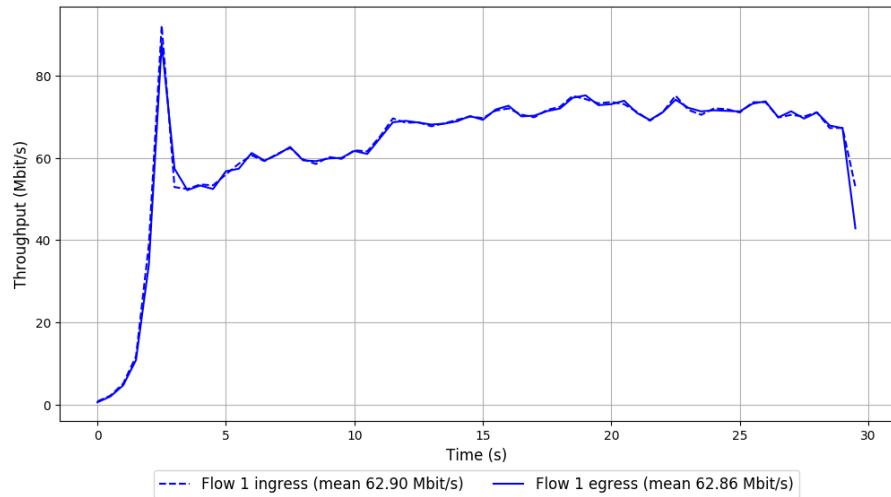


Run 7: Statistics of Vivace-latency

```
Start at: 2018-03-14 23:28:14
End at: 2018-03-14 23:28:44
Local clock offset: 2.241 ms
Remote clock offset: -0.057 ms

# Below is generated by plot.py at 2018-03-15 05:03:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.86 Mbit/s
95th percentile per-packet one-way delay: 65.854 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 62.86 Mbit/s
95th percentile per-packet one-way delay: 65.854 ms
Loss rate: 0.49%
```

Run 7: Report of Vivace-latency — Data Link

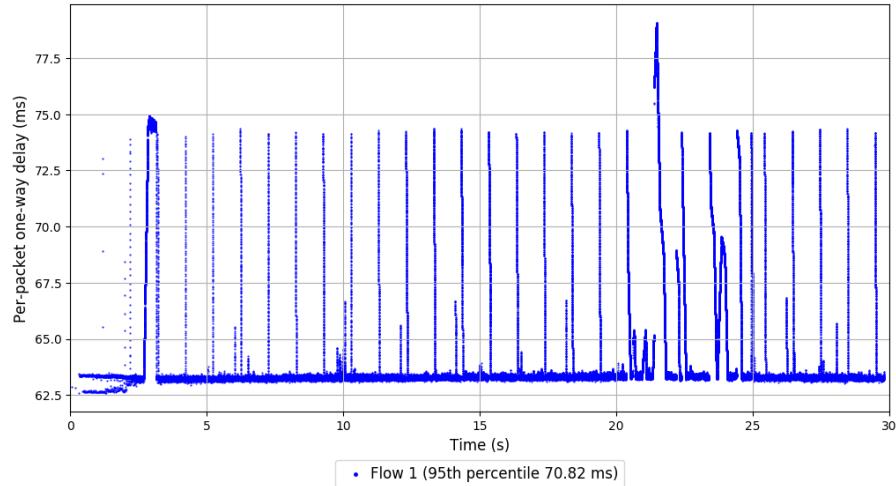
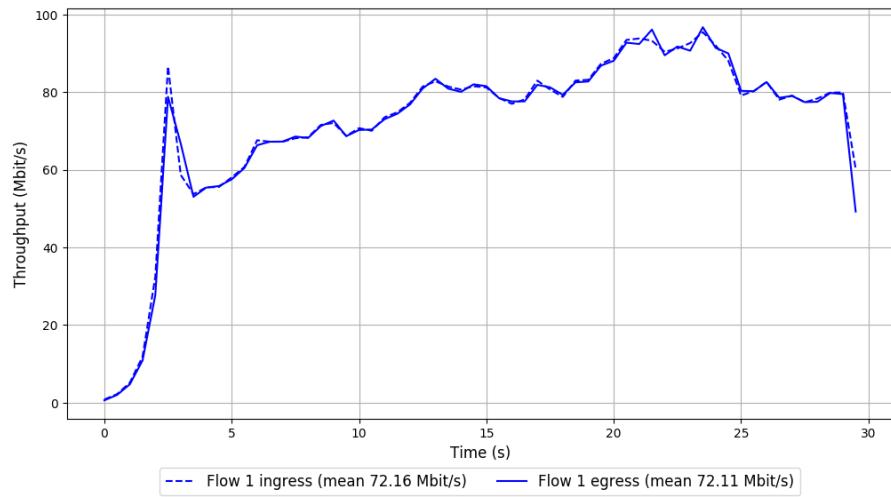


Run 8: Statistics of Vivace-latency

```
Start at: 2018-03-14 23:51:31
End at: 2018-03-14 23:52:01
Local clock offset: 4.616 ms
Remote clock offset: 0.139 ms

# Below is generated by plot.py at 2018-03-15 05:03:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.11 Mbit/s
95th percentile per-packet one-way delay: 70.822 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 72.11 Mbit/s
95th percentile per-packet one-way delay: 70.822 ms
Loss rate: 0.50%
```

Run 8: Report of Vivace-latency — Data Link

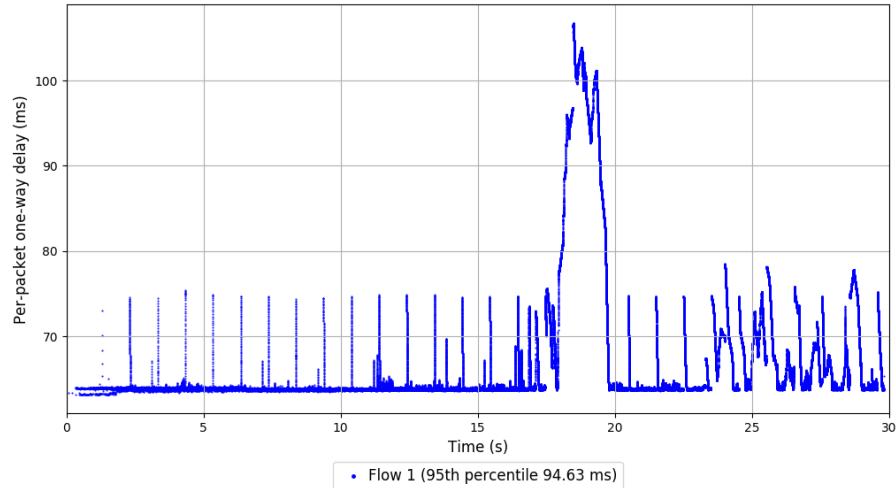
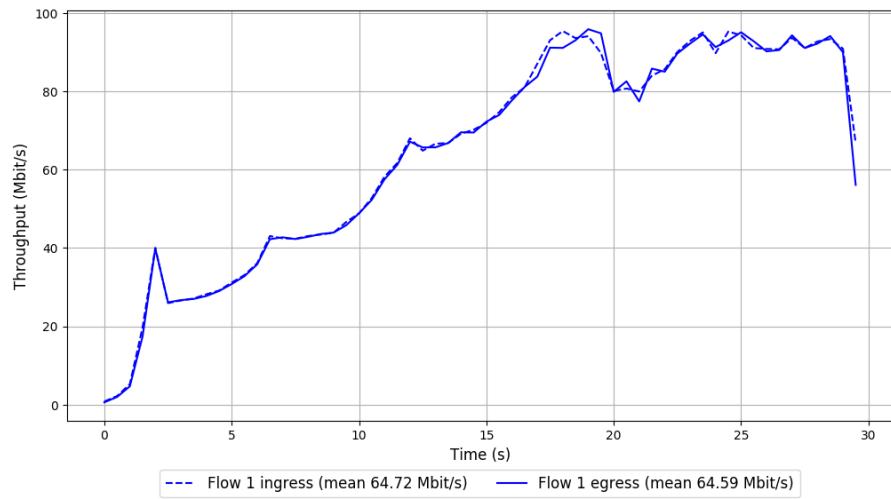


Run 9: Statistics of Vivace-latency

```
Start at: 2018-03-15 00:14:48
End at: 2018-03-15 00:15:18
Local clock offset: 5.442 ms
Remote clock offset: 0.287 ms

# Below is generated by plot.py at 2018-03-15 05:03:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.59 Mbit/s
95th percentile per-packet one-way delay: 94.628 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 64.59 Mbit/s
95th percentile per-packet one-way delay: 94.628 ms
Loss rate: 0.64%
```

Run 9: Report of Vivace-latency — Data Link

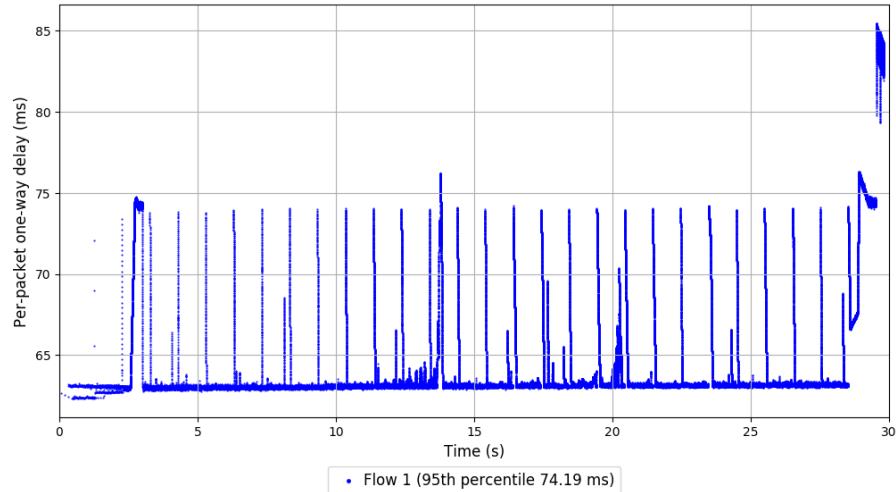
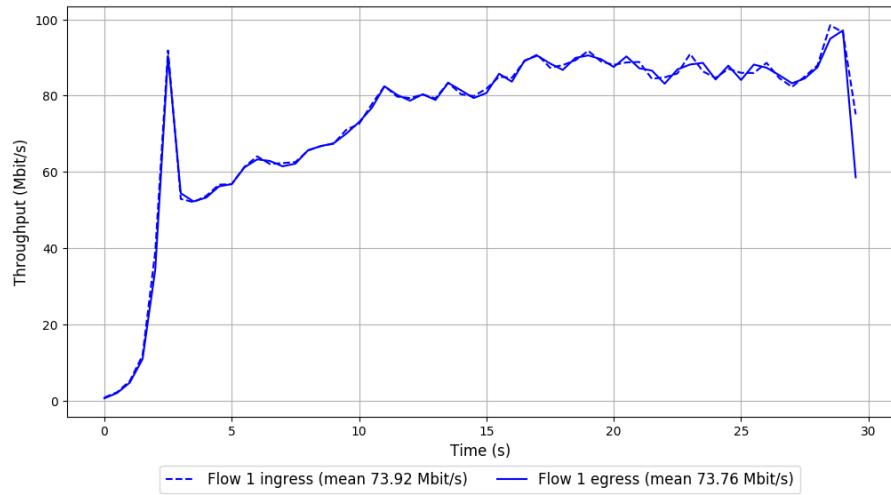


Run 10: Statistics of Vivace-latency

```
Start at: 2018-03-15 00:38:53
End at: 2018-03-15 00:39:23
Local clock offset: 5.904 ms
Remote clock offset: 10.329 ms

# Below is generated by plot.py at 2018-03-15 05:03:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.76 Mbit/s
95th percentile per-packet one-way delay: 74.193 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 73.76 Mbit/s
95th percentile per-packet one-way delay: 74.193 ms
Loss rate: 0.70%
```

Run 10: Report of Vivace-latency — Data Link

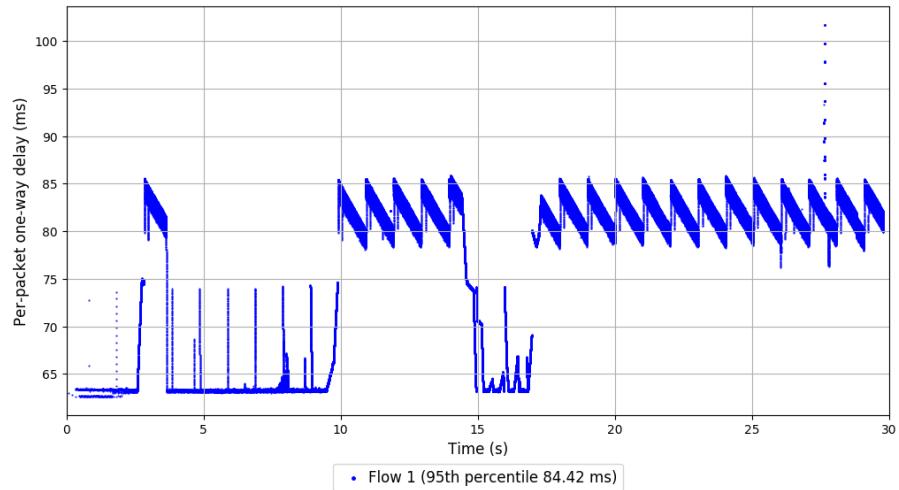
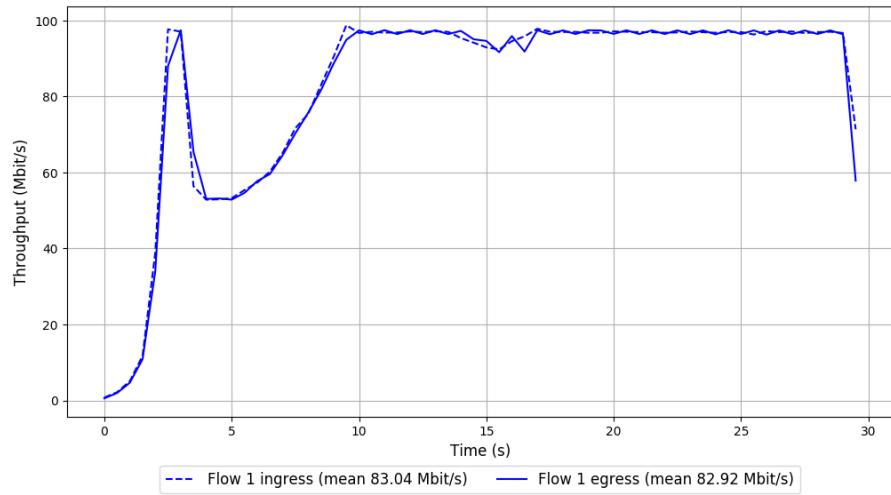


```
Run 1: Statistics of Vivace-loss
```

```
Start at: 2018-03-14 20:54:03
End at: 2018-03-14 20:54:33
Local clock offset: -2.067 ms
Remote clock offset: -0.676 ms

# Below is generated by plot.py at 2018-03-15 05:03:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.92 Mbit/s
95th percentile per-packet one-way delay: 84.424 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 82.92 Mbit/s
95th percentile per-packet one-way delay: 84.424 ms
Loss rate: 0.59%
```

Run 1: Report of Vivace-loss — Data Link

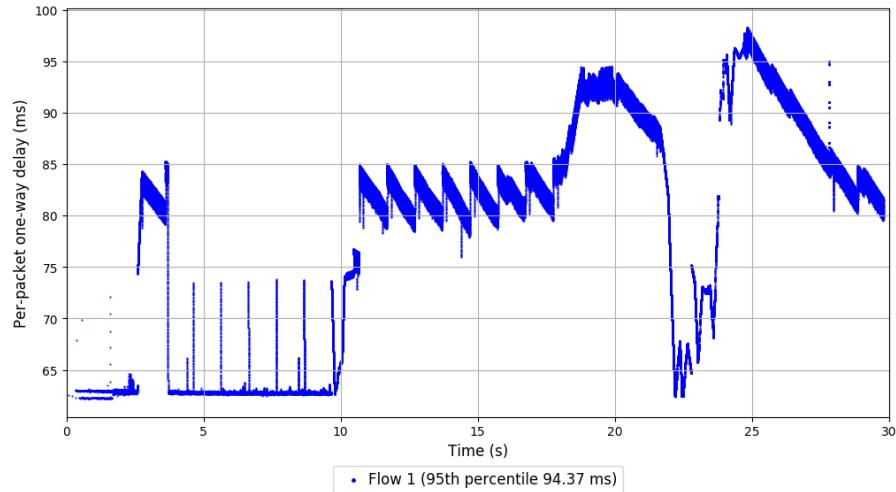
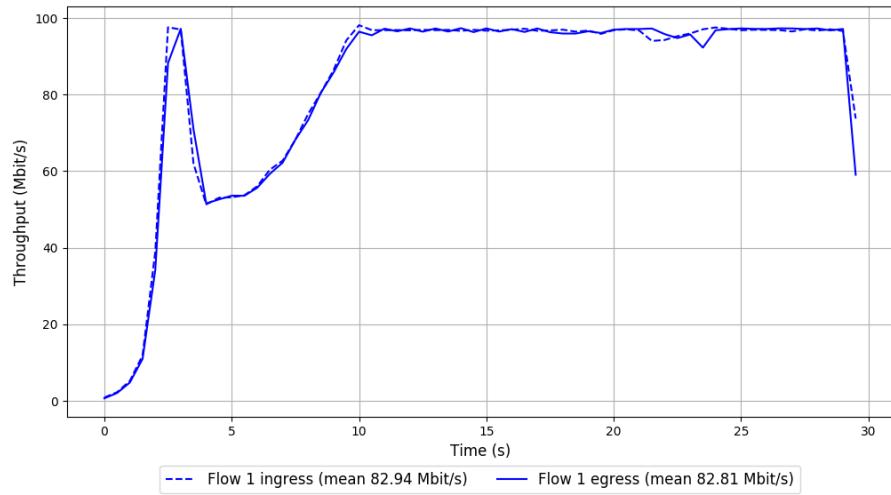


Run 2: Statistics of Vivace-loss

```
Start at: 2018-03-14 21:17:21
End at: 2018-03-14 21:17:51
Local clock offset: -10.575 ms
Remote clock offset: -3.91 ms

# Below is generated by plot.py at 2018-03-15 05:04:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.81 Mbit/s
95th percentile per-packet one-way delay: 94.369 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 82.81 Mbit/s
95th percentile per-packet one-way delay: 94.369 ms
Loss rate: 0.61%
```

Run 2: Report of Vivace-loss — Data Link

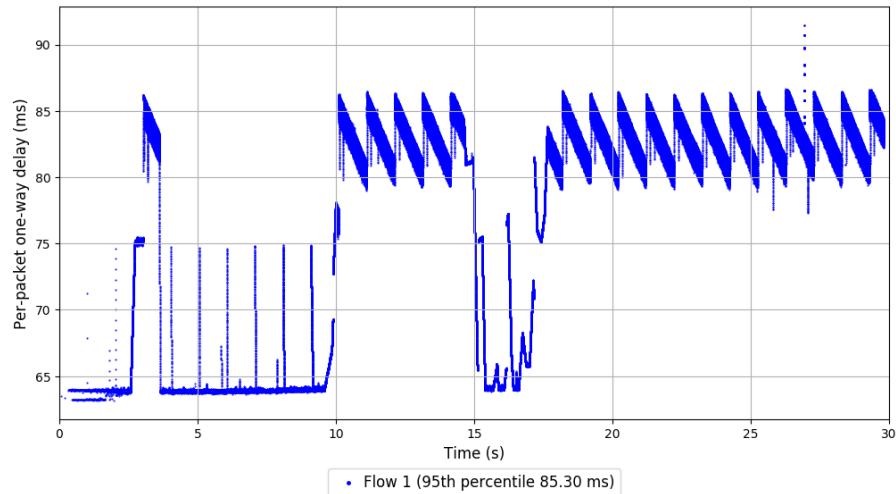
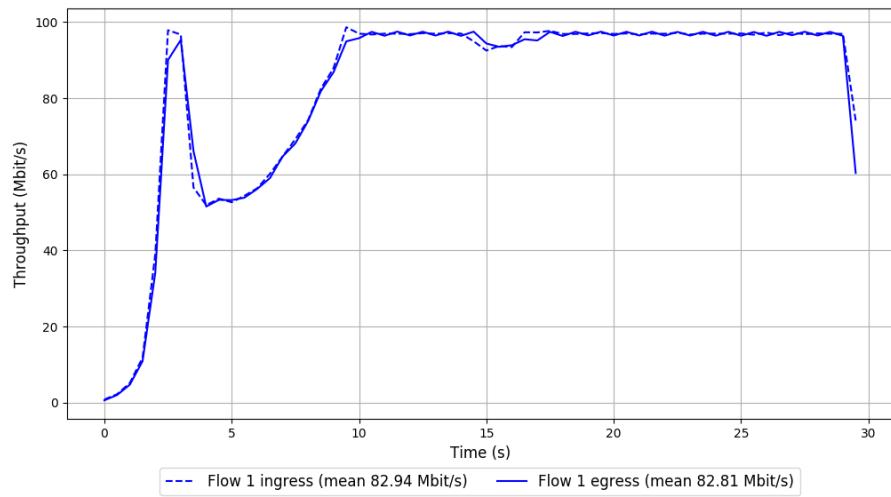


Run 3: Statistics of Vivace-loss

```
Start at: 2018-03-14 21:41:18
End at: 2018-03-14 21:41:48
Local clock offset: -8.353 ms
Remote clock offset: -1.126 ms

# Below is generated by plot.py at 2018-03-15 05:04:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.81 Mbit/s
95th percentile per-packet one-way delay: 85.295 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 82.81 Mbit/s
95th percentile per-packet one-way delay: 85.295 ms
Loss rate: 0.61%
```

Run 3: Report of Vivace-loss — Data Link

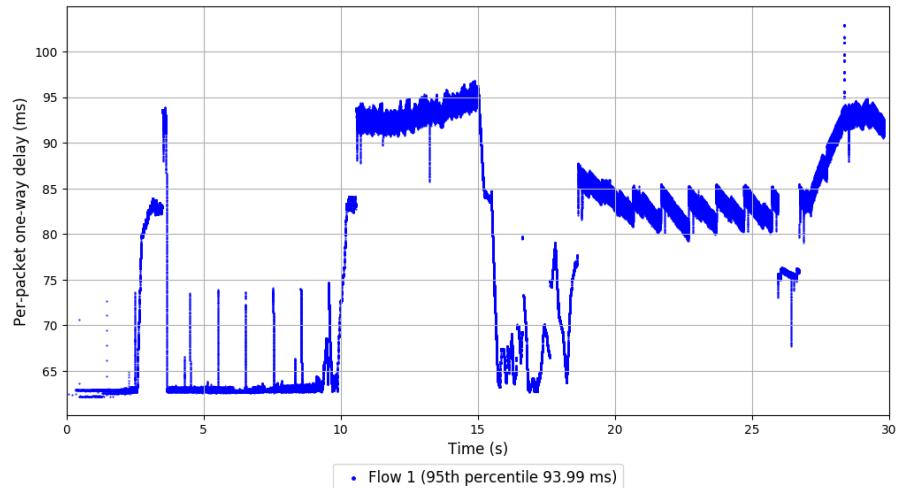
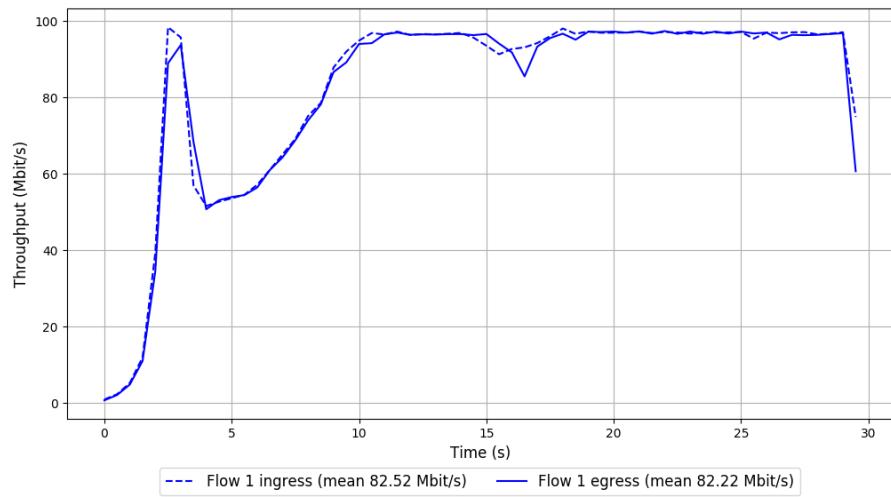


Run 4: Statistics of Vivace-loss

```
Start at: 2018-03-14 22:04:37
End at: 2018-03-14 22:05:08
Local clock offset: 0.859 ms
Remote clock offset: 1.379 ms

# Below is generated by plot.py at 2018-03-15 05:04:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.22 Mbit/s
95th percentile per-packet one-way delay: 93.991 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 82.22 Mbit/s
95th percentile per-packet one-way delay: 93.991 ms
Loss rate: 0.82%
```

Run 4: Report of Vivace-loss — Data Link

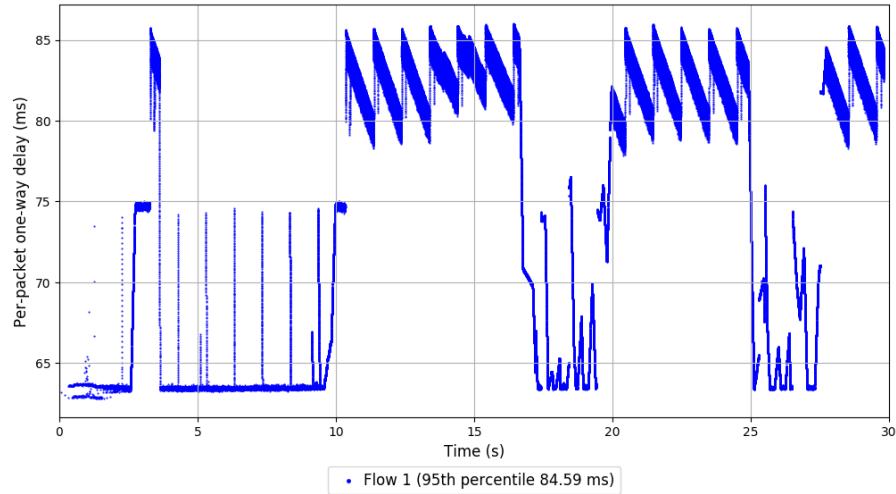
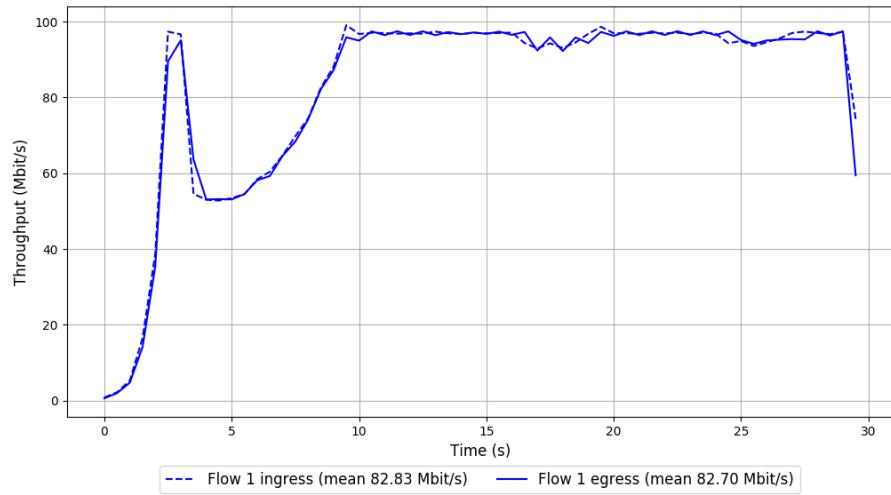


Run 5: Statistics of Vivace-loss

```
Start at: 2018-03-14 22:28:03
End at: 2018-03-14 22:28:33
Local clock offset: 0.894 ms
Remote clock offset: -8.058 ms

# Below is generated by plot.py at 2018-03-15 05:04:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.70 Mbit/s
95th percentile per-packet one-way delay: 84.589 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 82.70 Mbit/s
95th percentile per-packet one-way delay: 84.589 ms
Loss rate: 0.62%
```

Run 5: Report of Vivace-loss — Data Link

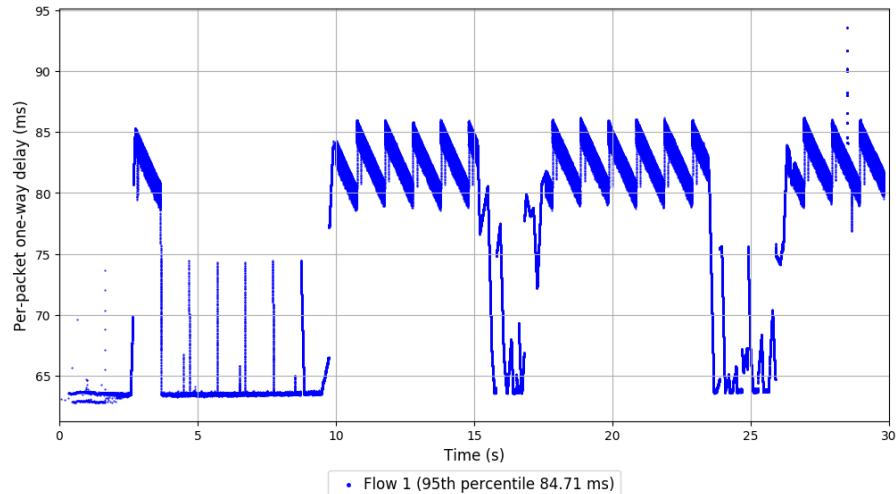
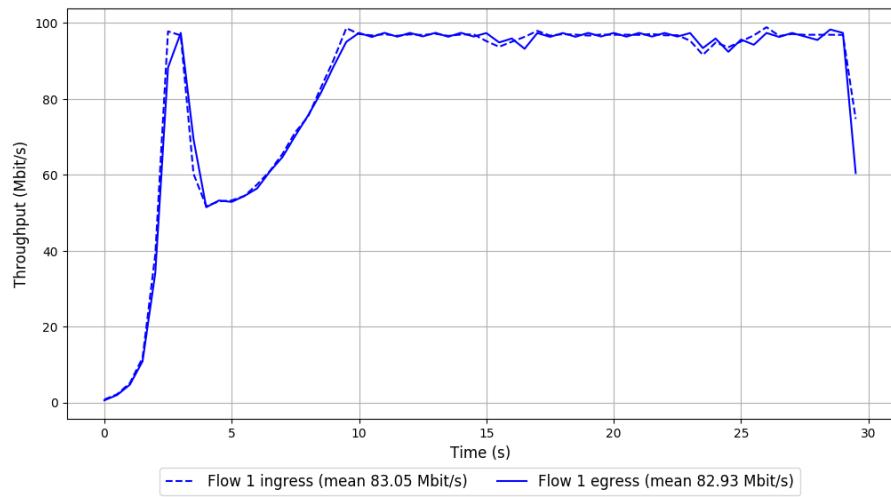


Run 6: Statistics of Vivace-loss

```
Start at: 2018-03-14 22:51:21
End at: 2018-03-14 22:51:51
Local clock offset: -2.366 ms
Remote clock offset: -2.22 ms

# Below is generated by plot.py at 2018-03-15 05:04:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.93 Mbit/s
95th percentile per-packet one-way delay: 84.712 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 82.93 Mbit/s
95th percentile per-packet one-way delay: 84.712 ms
Loss rate: 0.61%
```

Run 6: Report of Vivace-loss — Data Link

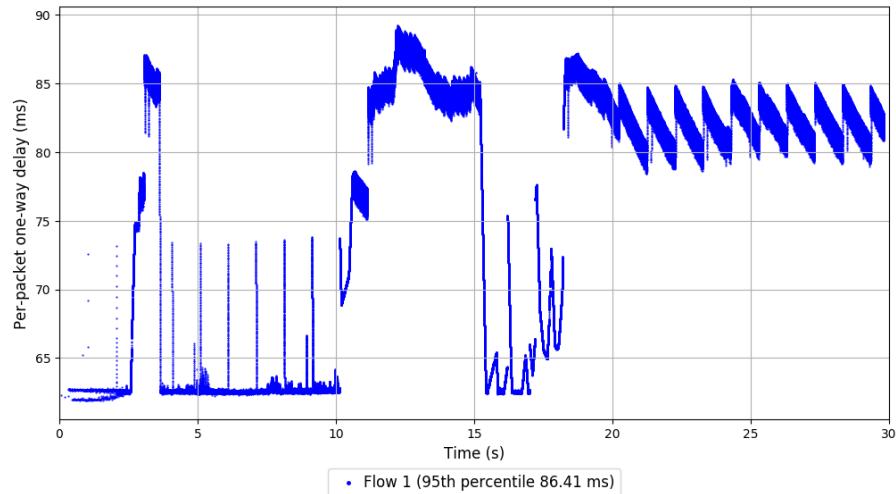
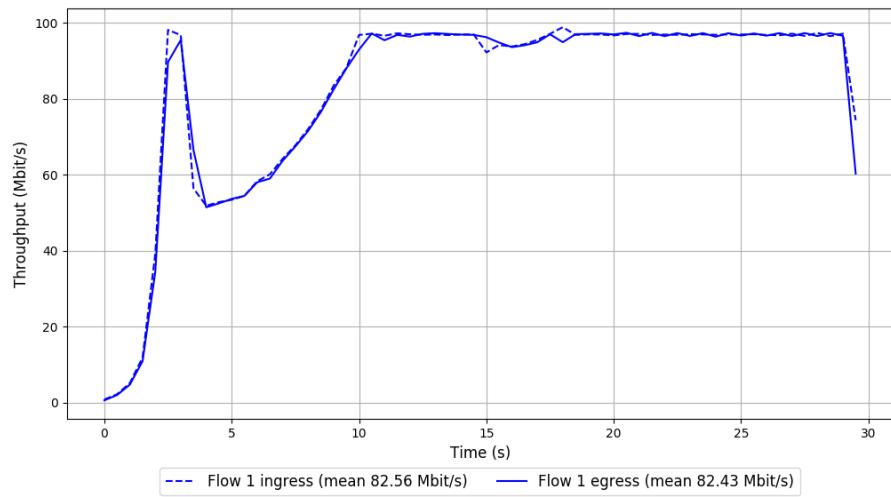


Run 7: Statistics of Vivace-loss

```
Start at: 2018-03-14 23:14:39
End at: 2018-03-14 23:15:09
Local clock offset: 1.759 ms
Remote clock offset: 1.616 ms

# Below is generated by plot.py at 2018-03-15 05:04:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.43 Mbit/s
95th percentile per-packet one-way delay: 86.411 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 82.43 Mbit/s
95th percentile per-packet one-way delay: 86.411 ms
Loss rate: 0.61%
```

Run 7: Report of Vivace-loss — Data Link

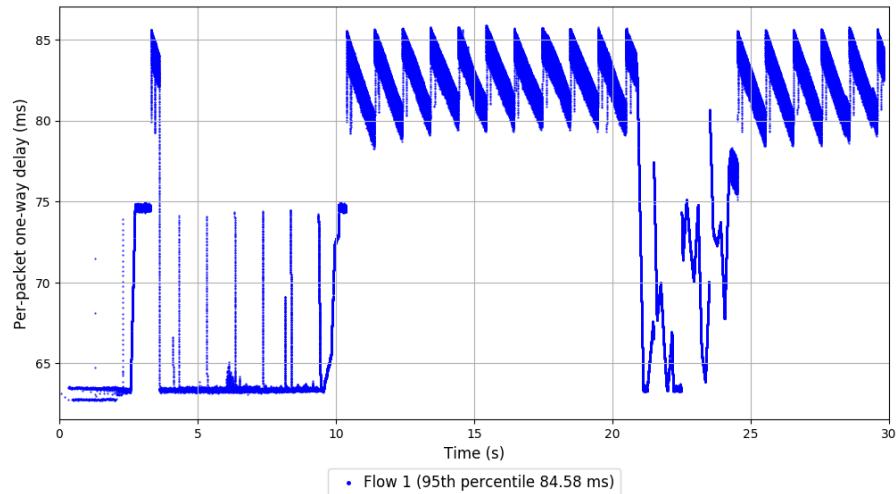
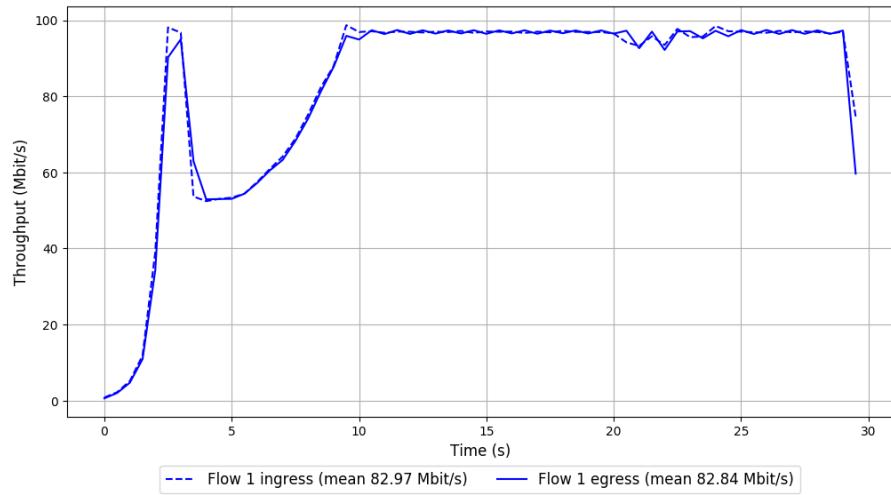


Run 8: Statistics of Vivace-loss

```
Start at: 2018-03-14 23:37:57
End at: 2018-03-14 23:38:27
Local clock offset: 3.444 ms
Remote clock offset: 0.083 ms

# Below is generated by plot.py at 2018-03-15 05:04:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.84 Mbit/s
95th percentile per-packet one-way delay: 84.578 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 82.84 Mbit/s
95th percentile per-packet one-way delay: 84.578 ms
Loss rate: 0.61%
```

Run 8: Report of Vivace-loss — Data Link

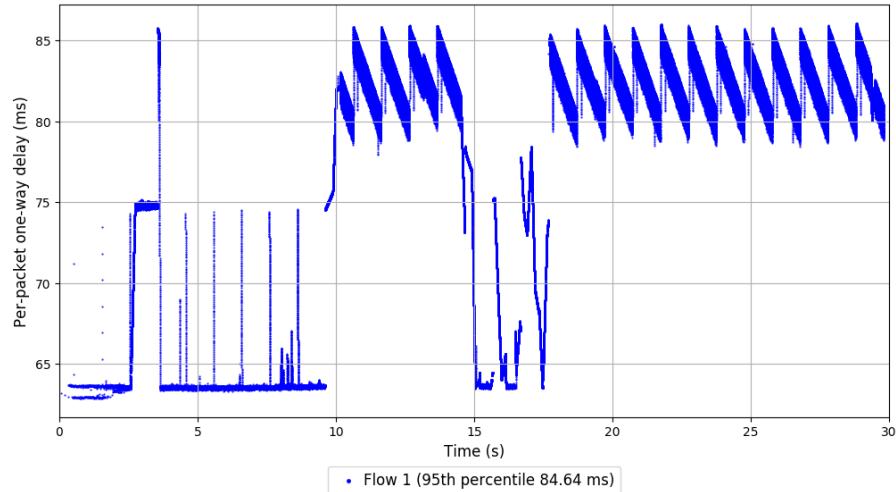
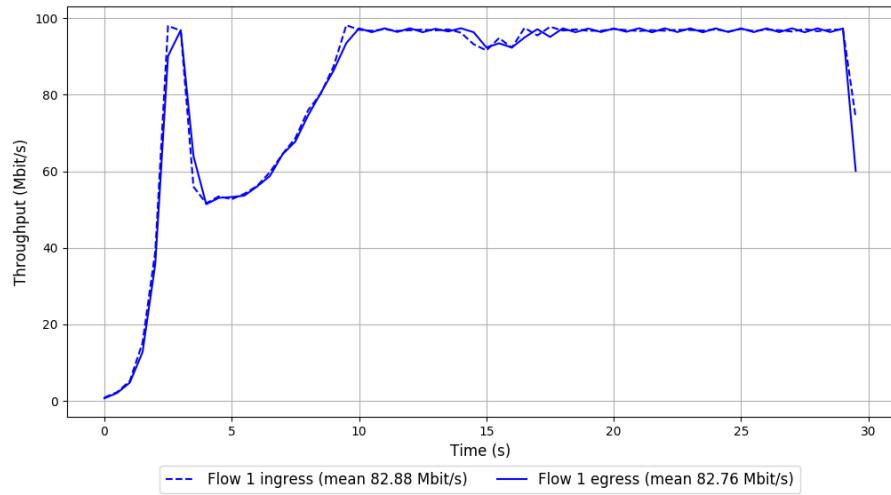


Run 9: Statistics of Vivace-loss

```
Start at: 2018-03-15 00:01:15
End at: 2018-03-15 00:01:45
Local clock offset: 5.079 ms
Remote clock offset: 0.096 ms

# Below is generated by plot.py at 2018-03-15 05:05:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.76 Mbit/s
95th percentile per-packet one-way delay: 84.642 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 82.76 Mbit/s
95th percentile per-packet one-way delay: 84.642 ms
Loss rate: 0.60%
```

Run 9: Report of Vivace-loss — Data Link

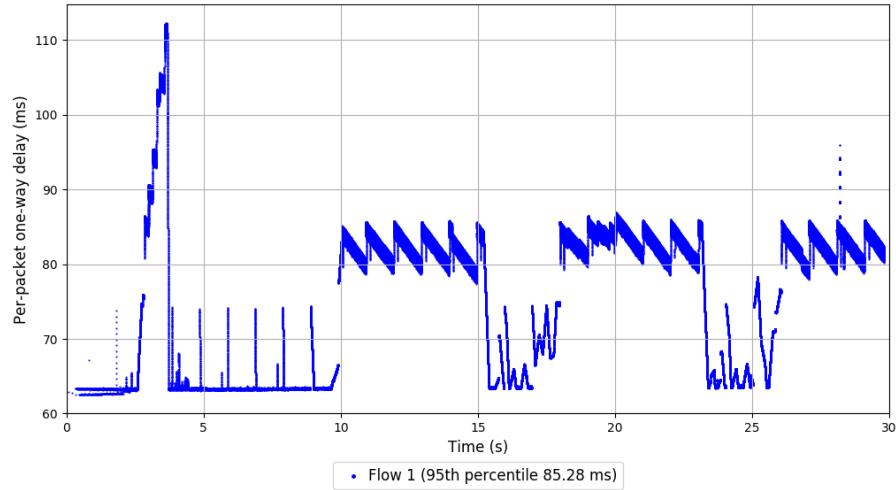
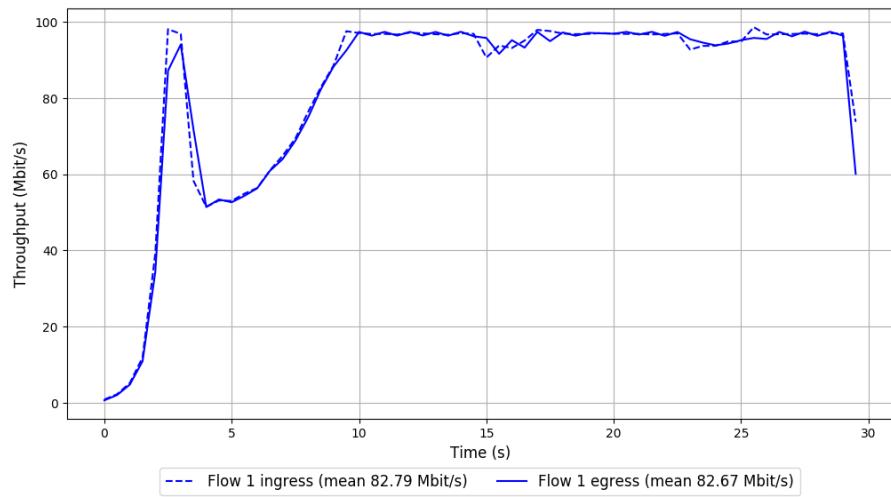


Run 10: Statistics of Vivace-loss

```
Start at: 2018-03-15 00:25:18
End at: 2018-03-15 00:25:48
Local clock offset: 5.49 ms
Remote clock offset: 3.906 ms

# Below is generated by plot.py at 2018-03-15 05:05:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.67 Mbit/s
95th percentile per-packet one-way delay: 85.278 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 82.67 Mbit/s
95th percentile per-packet one-way delay: 85.278 ms
Loss rate: 0.61%
```

Run 10: Report of Vivace-loss — Data Link

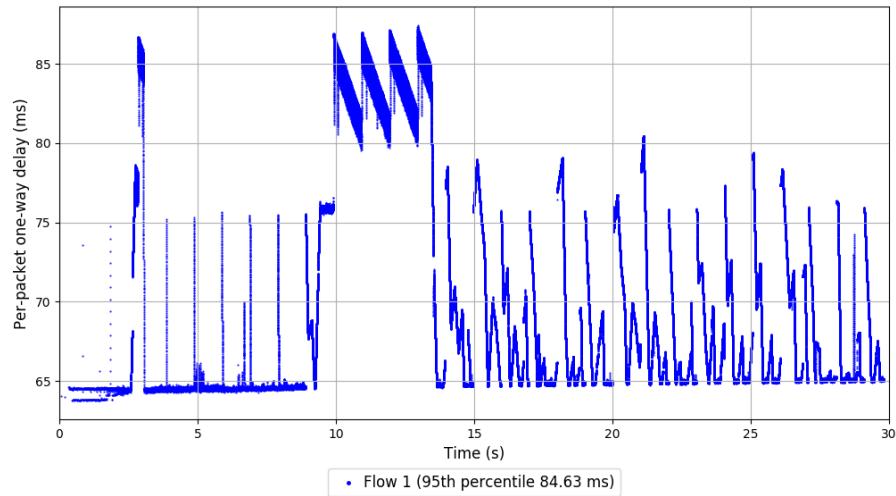
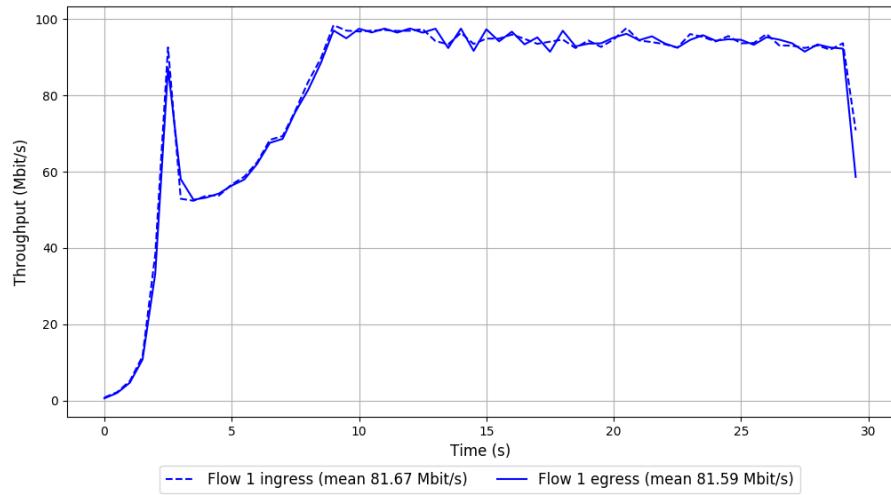


Run 1: Statistics of Vivace-LTE

```
Start at: 2018-03-14 20:47:58
End at: 2018-03-14 20:48:28
Local clock offset: -1.809 ms
Remote clock offset: -0.68 ms

# Below is generated by plot.py at 2018-03-15 05:05:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.59 Mbit/s
95th percentile per-packet one-way delay: 84.633 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 81.59 Mbit/s
95th percentile per-packet one-way delay: 84.633 ms
Loss rate: 0.52%
```

Run 1: Report of Vivace-LTE — Data Link

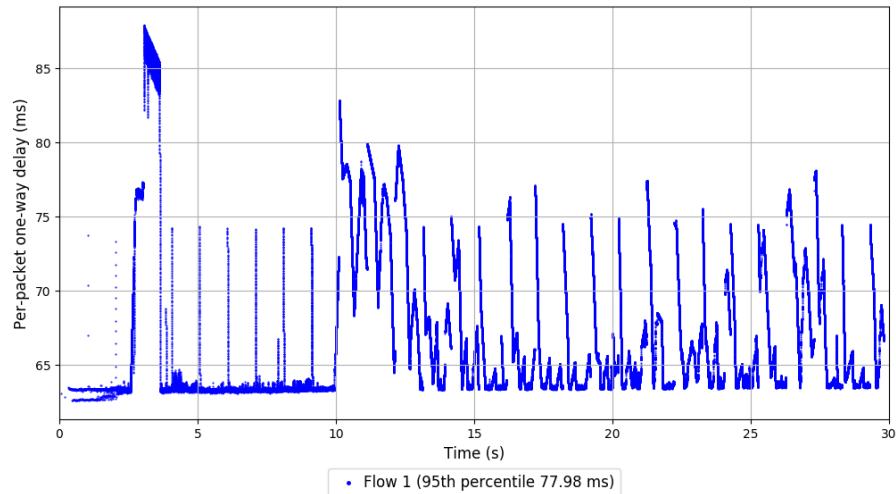
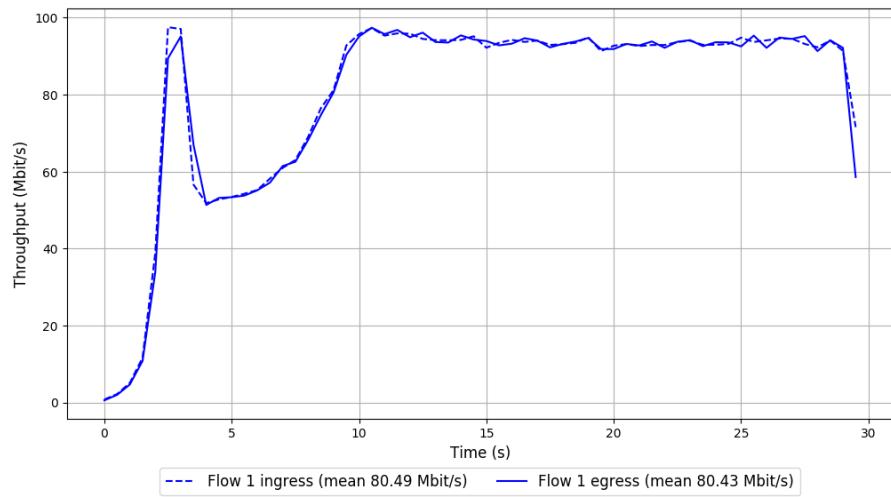


Run 2: Statistics of Vivace-LTE

```
Start at: 2018-03-14 21:11:14
End at: 2018-03-14 21:11:44
Local clock offset: -7.252 ms
Remote clock offset: -3.454 ms

# Below is generated by plot.py at 2018-03-15 05:05:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.43 Mbit/s
95th percentile per-packet one-way delay: 77.979 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 80.43 Mbit/s
95th percentile per-packet one-way delay: 77.979 ms
Loss rate: 0.51%
```

Run 2: Report of Vivace-LTE — Data Link

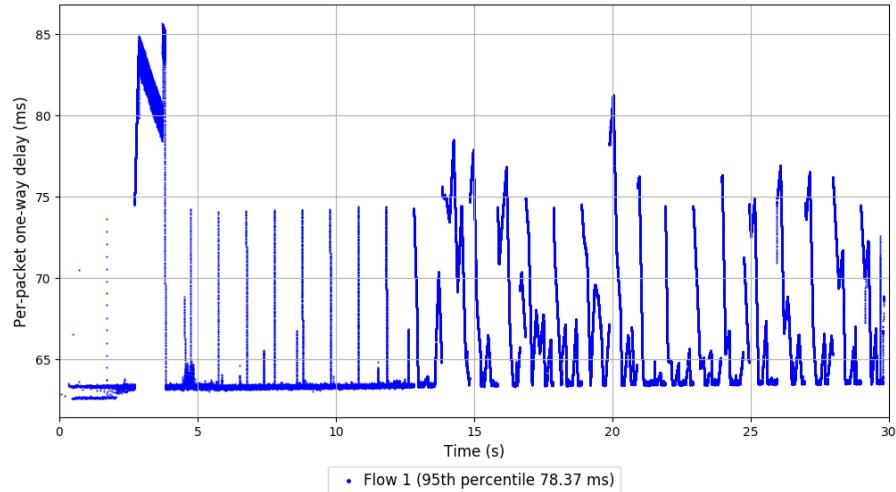
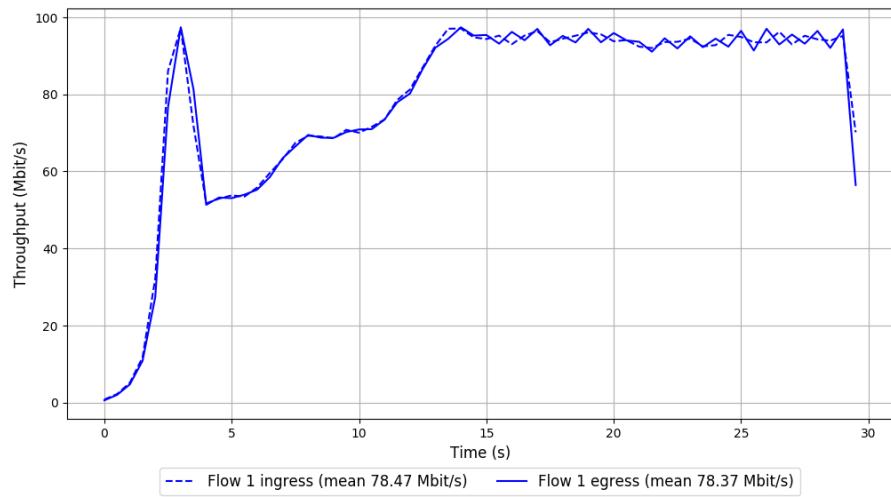


Run 3: Statistics of Vivace-LTE

```
Start at: 2018-03-14 21:35:08
End at: 2018-03-14 21:35:38
Local clock offset: -6.513 ms
Remote clock offset: -2.868 ms

# Below is generated by plot.py at 2018-03-15 05:05:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.37 Mbit/s
95th percentile per-packet one-way delay: 78.372 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 78.37 Mbit/s
95th percentile per-packet one-way delay: 78.372 ms
Loss rate: 0.55%
```

Run 3: Report of Vivace-LTE — Data Link

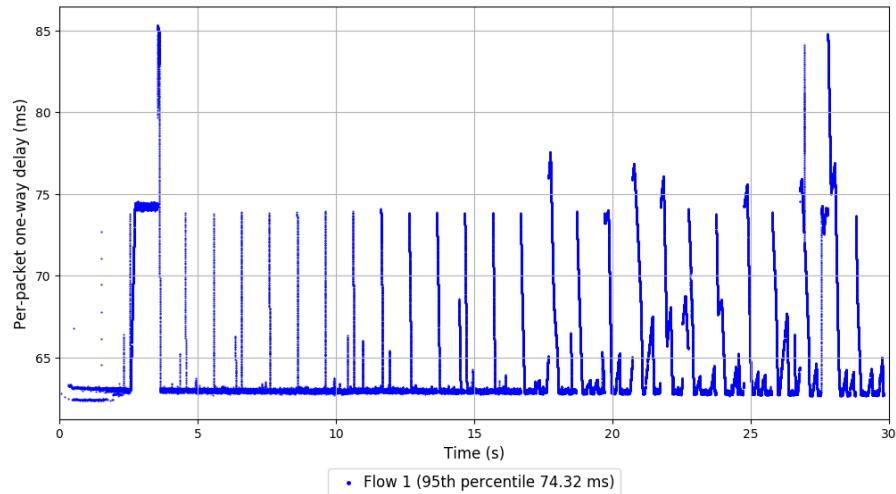
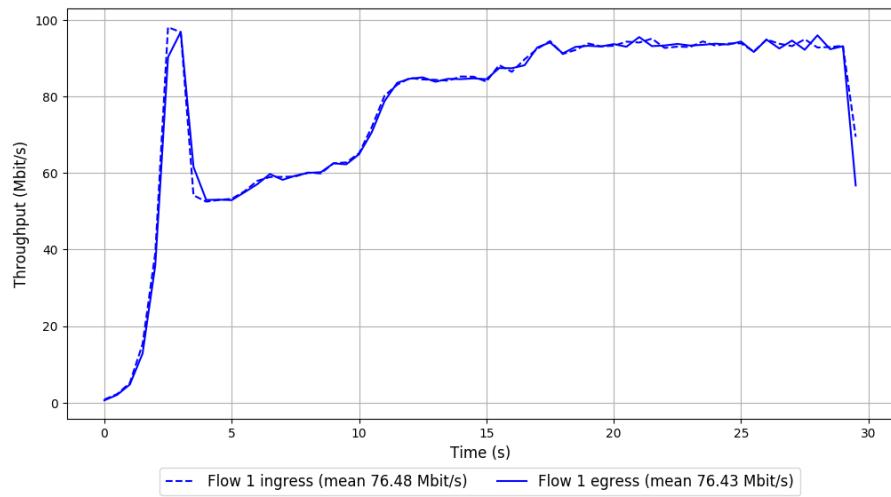


Run 4: Statistics of Vivace-LTE

```
Start at: 2018-03-14 21:58:32
End at: 2018-03-14 21:59:02
Local clock offset: -2.29 ms
Remote clock offset: 0.92 ms

# Below is generated by plot.py at 2018-03-15 05:05:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.43 Mbit/s
95th percentile per-packet one-way delay: 74.317 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 76.43 Mbit/s
95th percentile per-packet one-way delay: 74.317 ms
Loss rate: 0.54%
```

Run 4: Report of Vivace-LTE — Data Link

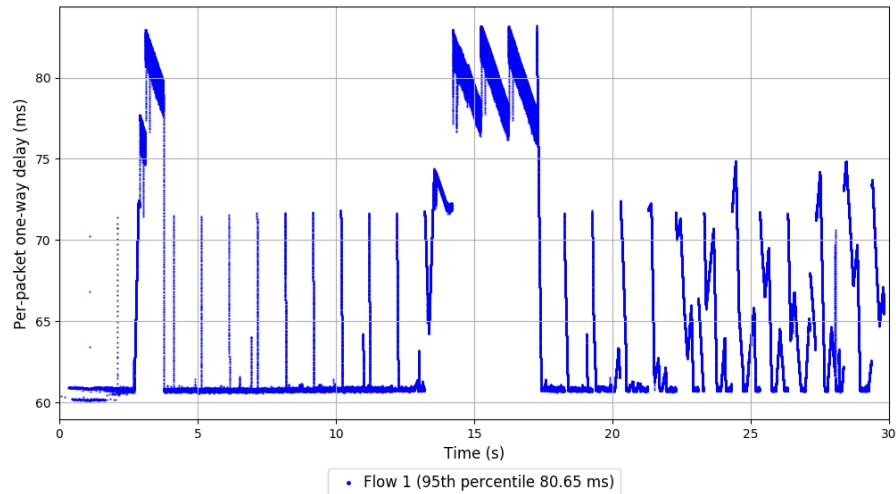
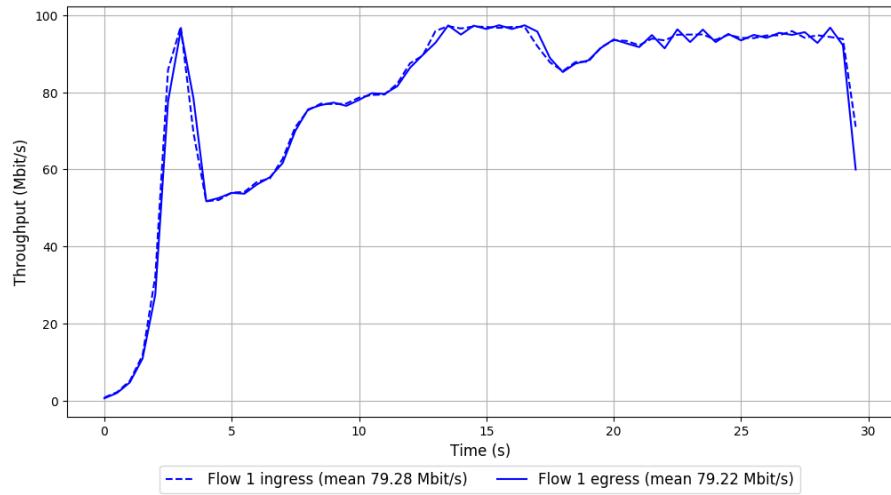


Run 5: Statistics of Vivace-LTE

```
Start at: 2018-03-14 22:21:57
End at: 2018-03-14 22:22:27
Local clock offset: -1.228 ms
Remote clock offset: -7.036 ms

# Below is generated by plot.py at 2018-03-15 05:05:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.22 Mbit/s
95th percentile per-packet one-way delay: 80.646 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 79.22 Mbit/s
95th percentile per-packet one-way delay: 80.646 ms
Loss rate: 0.51%
```

Run 5: Report of Vivace-LTE — Data Link

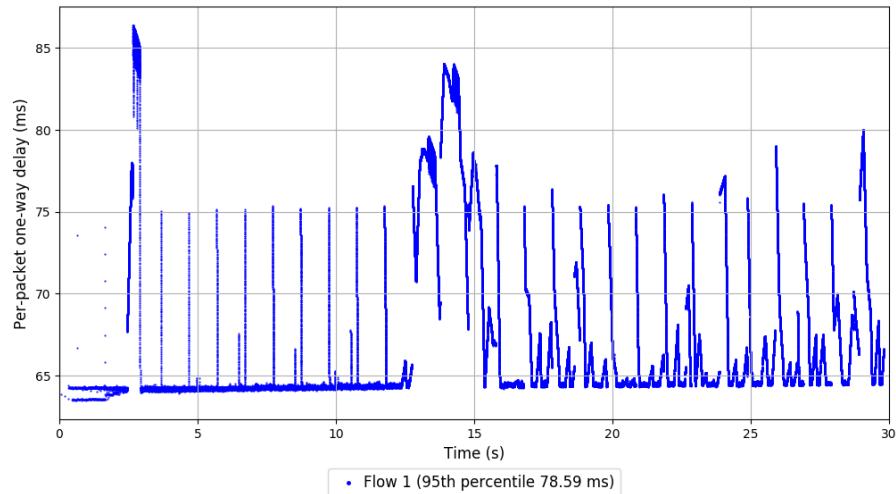
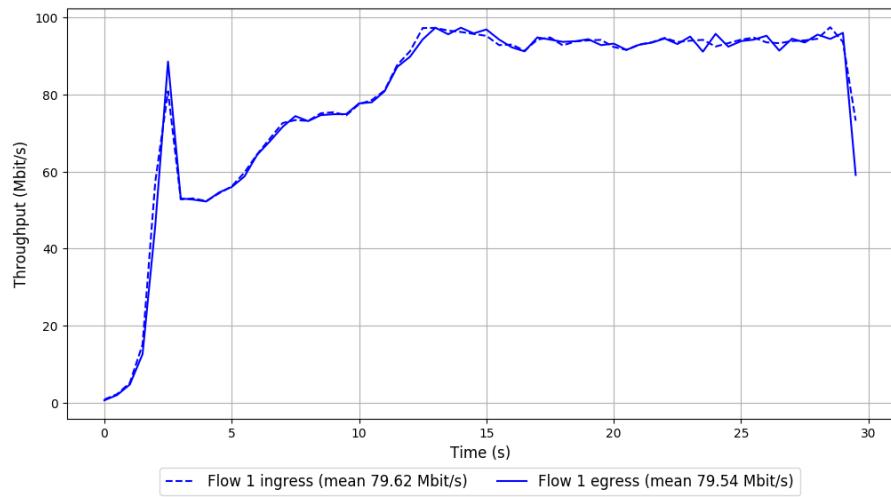


Run 6: Statistics of Vivace-LTE

```
Start at: 2018-03-14 22:45:15
End at: 2018-03-14 22:45:45
Local clock offset: -1.079 ms
Remote clock offset: -4.928 ms

# Below is generated by plot.py at 2018-03-15 05:06:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 78.594 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 78.594 ms
Loss rate: 0.57%
```

Run 6: Report of Vivace-LTE — Data Link

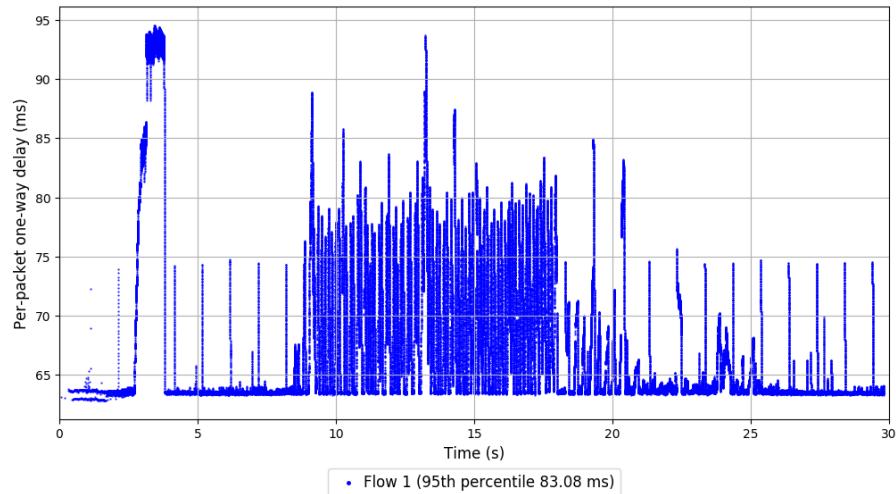
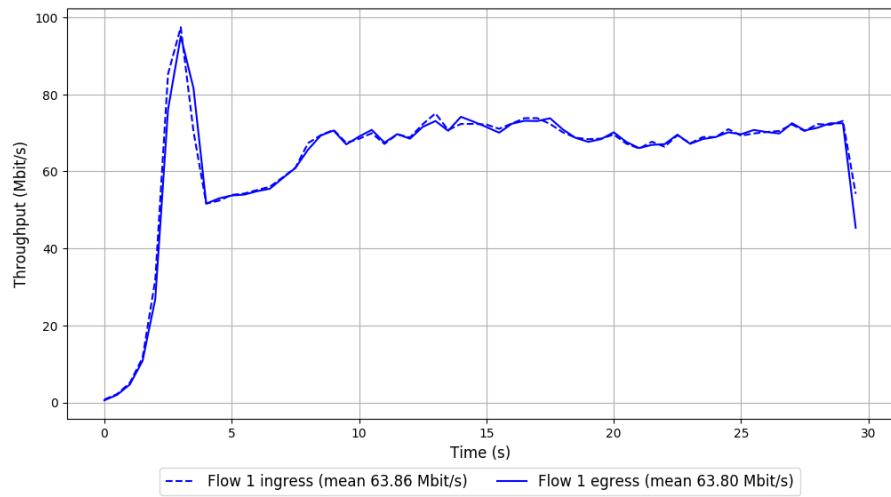


Run 7: Statistics of Vivace-LTE

```
Start at: 2018-03-14 23:08:33
End at: 2018-03-14 23:09:03
Local clock offset: 0.949 ms
Remote clock offset: 1.243 ms

# Below is generated by plot.py at 2018-03-15 05:06:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.80 Mbit/s
95th percentile per-packet one-way delay: 83.078 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 63.80 Mbit/s
95th percentile per-packet one-way delay: 83.078 ms
Loss rate: 0.53%
```

Run 7: Report of Vivace-LTE — Data Link

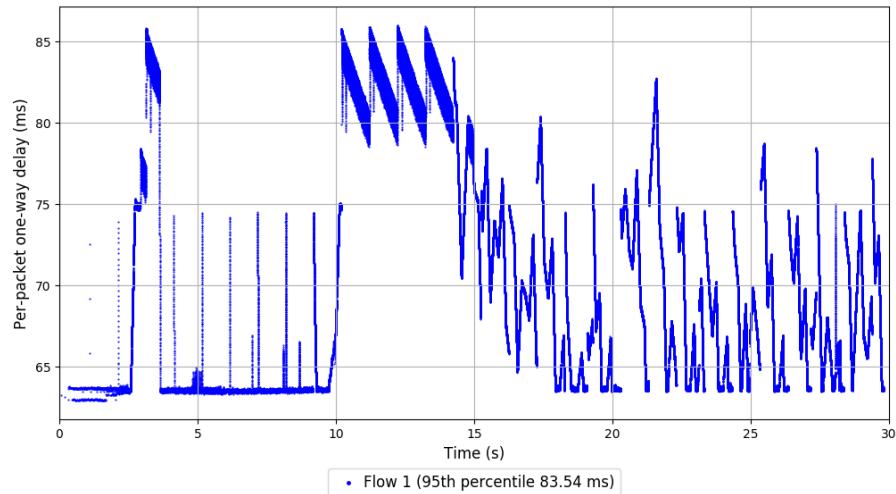
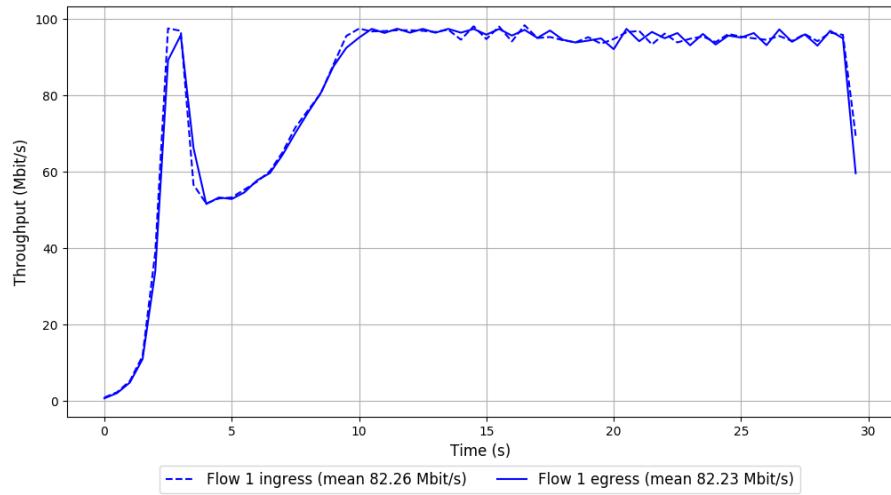


Run 8: Statistics of Vivace-LTE

```
Start at: 2018-03-14 23:31:51
End at: 2018-03-14 23:32:21
Local clock offset: 2.387 ms
Remote clock offset: -0.012 ms

# Below is generated by plot.py at 2018-03-15 05:06:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 83.537 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 83.537 ms
Loss rate: 0.49%
```

Run 8: Report of Vivace-LTE — Data Link

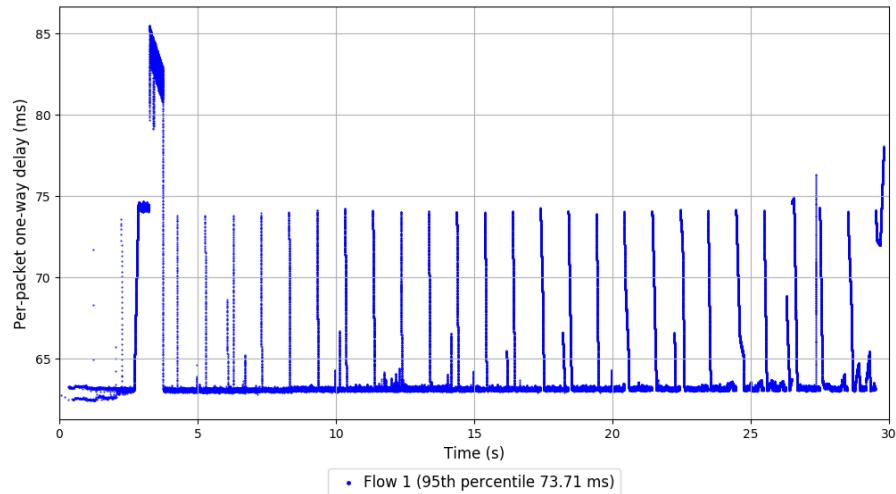
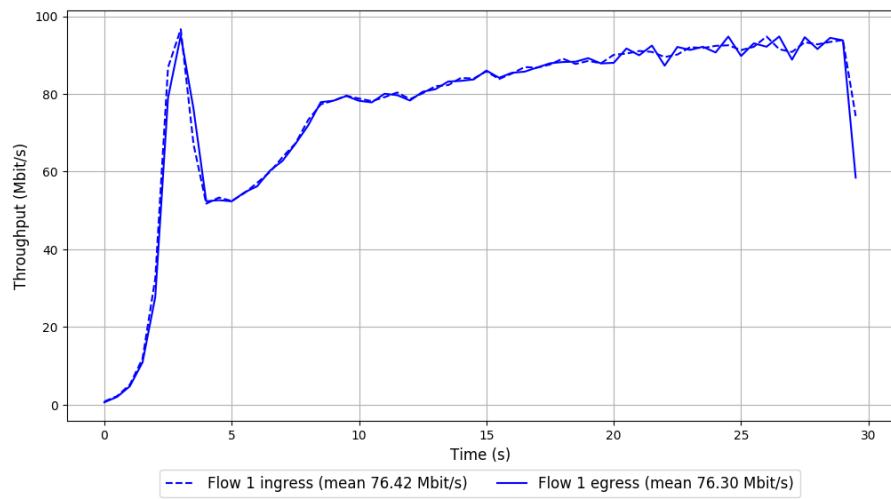


Run 9: Statistics of Vivace-LTE

```
Start at: 2018-03-14 23:55:09
End at: 2018-03-14 23:55:39
Local clock offset: 4.832 ms
Remote clock offset: 0.058 ms

# Below is generated by plot.py at 2018-03-15 05:06:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.30 Mbit/s
95th percentile per-packet one-way delay: 73.711 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 76.30 Mbit/s
95th percentile per-packet one-way delay: 73.711 ms
Loss rate: 0.61%
```

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

```
Start at: 2018-03-15 00:18:25
End at: 2018-03-15 00:18:55
Local clock offset: 5.714 ms
Remote clock offset: 0.417 ms

# Below is generated by plot.py at 2018-03-15 05:06:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.33 Mbit/s
95th percentile per-packet one-way delay: 77.768 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 81.33 Mbit/s
95th percentile per-packet one-way delay: 77.768 ms
Loss rate: 0.56%
```

Run 10: Report of Vivace-LTE — Data Link

