

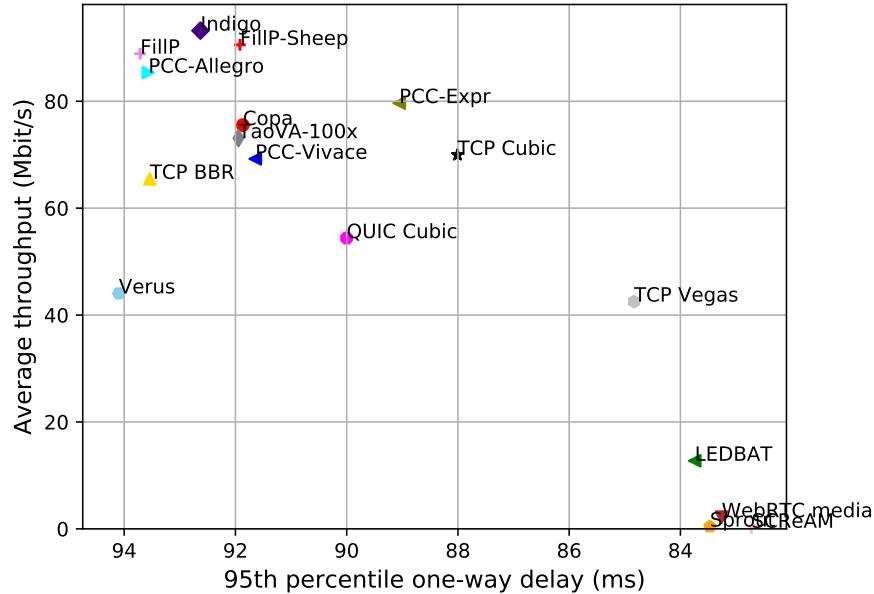
Pantheon Report

Generated at 2018-08-09 20:59:26 (UTC).
Data path: Colombia Ethernet (*remote*) → AWS Brazil 2 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).
NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

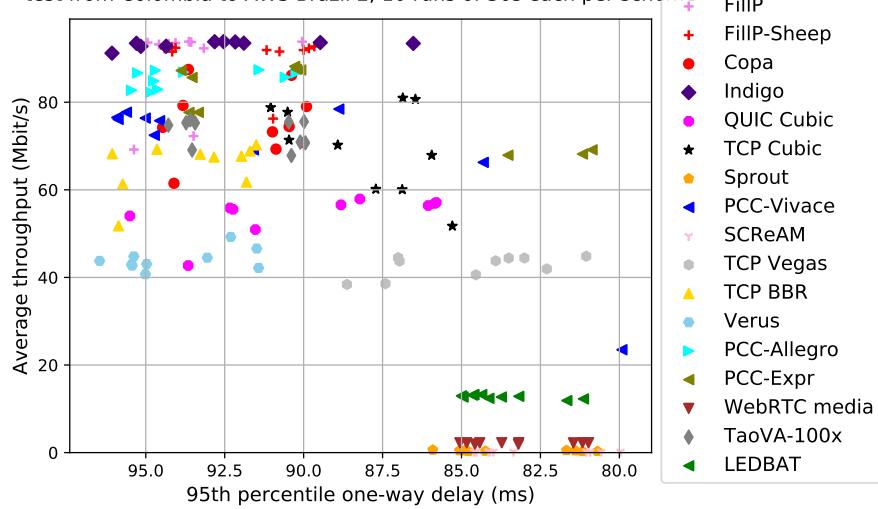
Git summary:

```
branch: master @ 7772df3413f4b07ba0096dfdd8e9d4c6dca623e3
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
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/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from Colombia to AWS Brazil 2, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from Colombia to AWS Brazil 2, 10 runs of 30s each per scheme



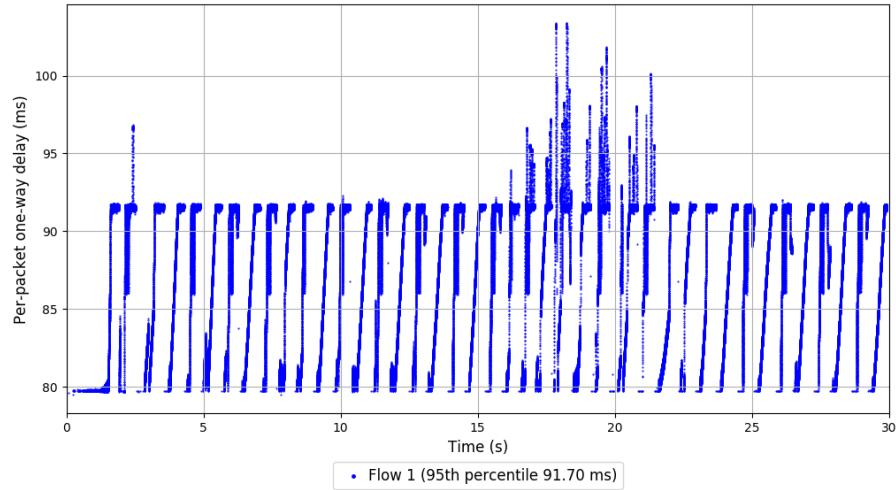
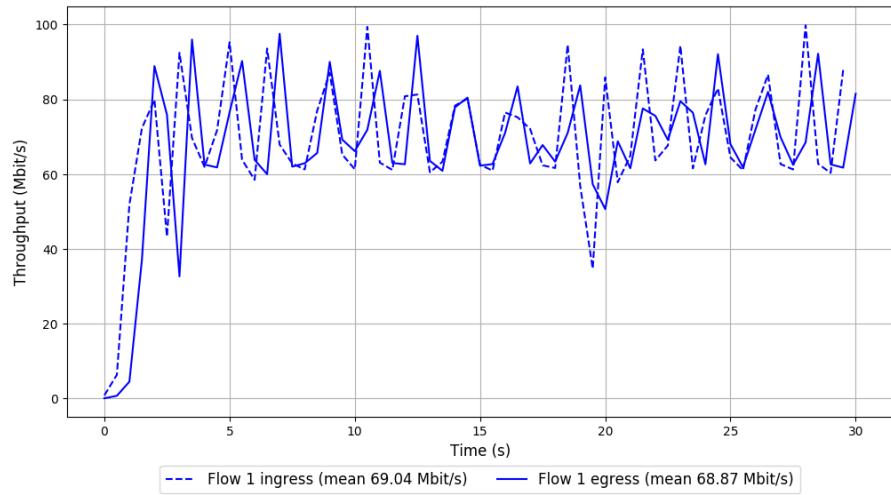
| scheme | # runs | mean avg tput (Mbit/s) flow 1 | mean 95th-%ile delay (ms) flow 1 | mean loss rate (%) flow 1 |
|--------------|--------|----------------------------------|-------------------------------------|------------------------------|
| TCP BBR | 10 | 65.48 | 93.54 | 3.18 |
| Copa | 10 | 75.54 | 91.87 | 4.43 |
| TCP Cubic | 10 | 69.96 | 88.01 | 0.58 |
| FillP | 10 | 88.89 | 93.71 | 3.22 |
| FillP-Sheep | 10 | 90.55 | 91.92 | 2.33 |
| Indigo | 10 | 93.21 | 92.63 | 0.85 |
| LEDBAT | 10 | 12.74 | 83.74 | 1.09 |
| PCC-Allegro | 10 | 85.34 | 93.57 | 0.68 |
| PCC-Expr | 10 | 79.65 | 89.06 | 1.62 |
| QUIC Cubic | 10 | 54.40 | 90.00 | 0.96 |
| SCReAM | 10 | 0.22 | 82.72 | 0.55 |
| Sprout | 10 | 0.43 | 83.47 | 0.46 |
| TaoVA-100x | 10 | 73.10 | 91.95 | 3.13 |
| TCP Vegas | 10 | 42.52 | 84.83 | 0.66 |
| Verus | 10 | 44.06 | 94.10 | 2.66 |
| PCC-Vivace | 10 | 69.23 | 91.64 | 0.88 |
| WebRTC media | 10 | 2.18 | 83.26 | 0.36 |

Run 1: Statistics of TCP BBR

```
Start at: 2018-08-09 17:28:50
End at: 2018-08-09 17:29:20
Local clock offset: -8.015 ms
Remote clock offset: 7.34 ms

# Below is generated by plot.py at 2018-08-09 20:42:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.87 Mbit/s
95th percentile per-packet one-way delay: 91.698 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 68.87 Mbit/s
95th percentile per-packet one-way delay: 91.698 ms
Loss rate: 0.73%
```

Run 1: Report of TCP BBR — Data Link

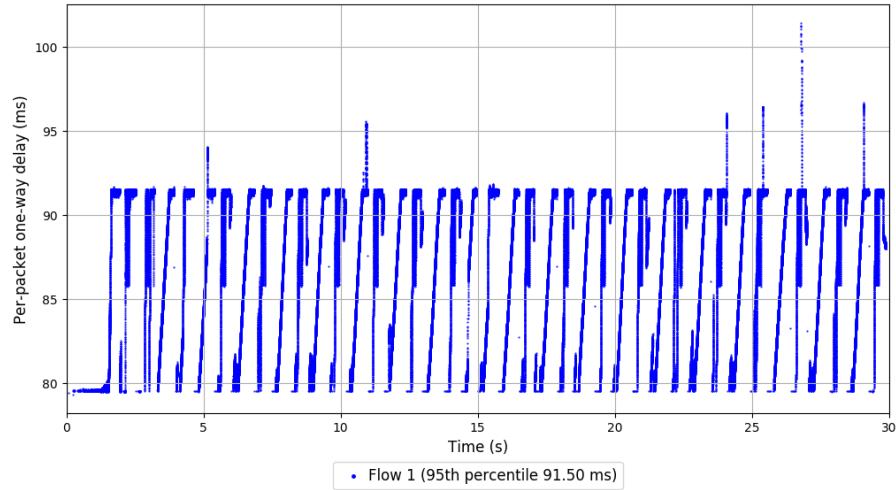
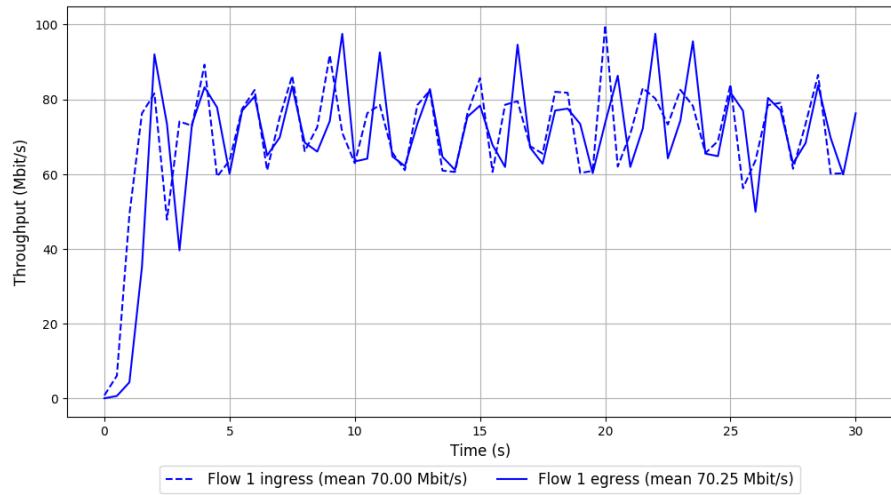


Run 2: Statistics of TCP BBR

```
Start at: 2018-08-09 17:48:39
End at: 2018-08-09 17:49:09
Local clock offset: -8.104 ms
Remote clock offset: 8.351 ms

# Below is generated by plot.py at 2018-08-09 20:42:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.25 Mbit/s
95th percentile per-packet one-way delay: 91.501 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 70.25 Mbit/s
95th percentile per-packet one-way delay: 91.501 ms
Loss rate: 0.19%
```

Run 2: Report of TCP BBR — Data Link

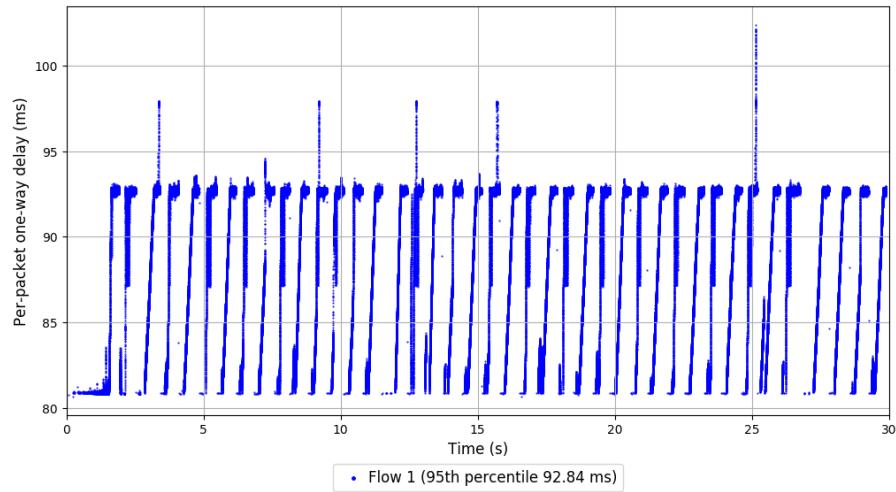
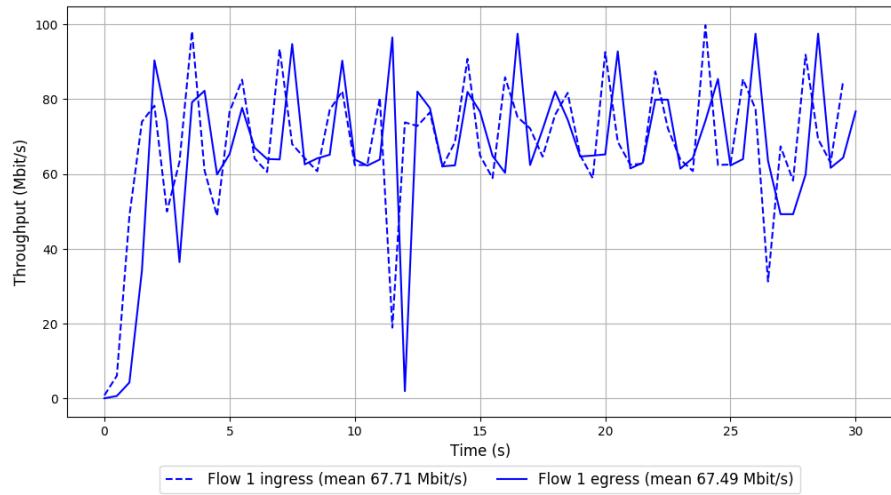


Run 3: Statistics of TCP BBR

```
Start at: 2018-08-09 18:08:27
End at: 2018-08-09 18:08:57
Local clock offset: -8.08 ms
Remote clock offset: 8.065 ms

# Below is generated by plot.py at 2018-08-09 20:42:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.49 Mbit/s
95th percentile per-packet one-way delay: 92.838 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 67.49 Mbit/s
95th percentile per-packet one-way delay: 92.838 ms
Loss rate: 0.81%
```

Run 3: Report of TCP BBR — Data Link

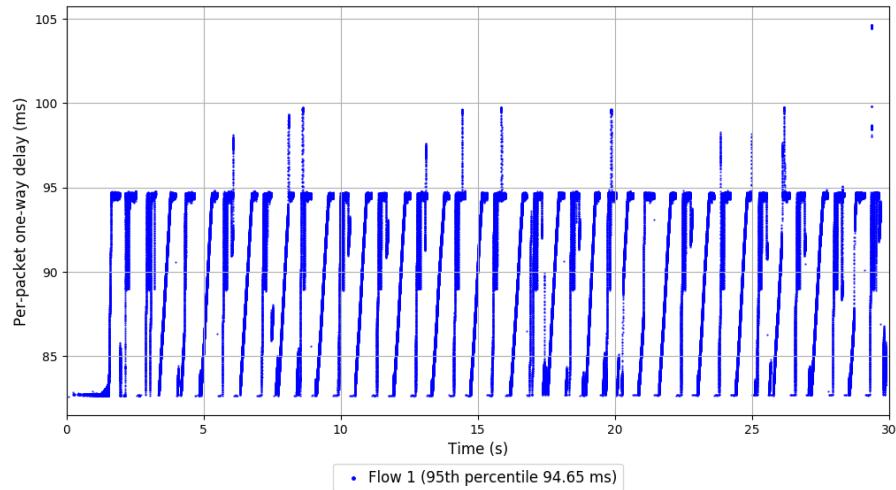
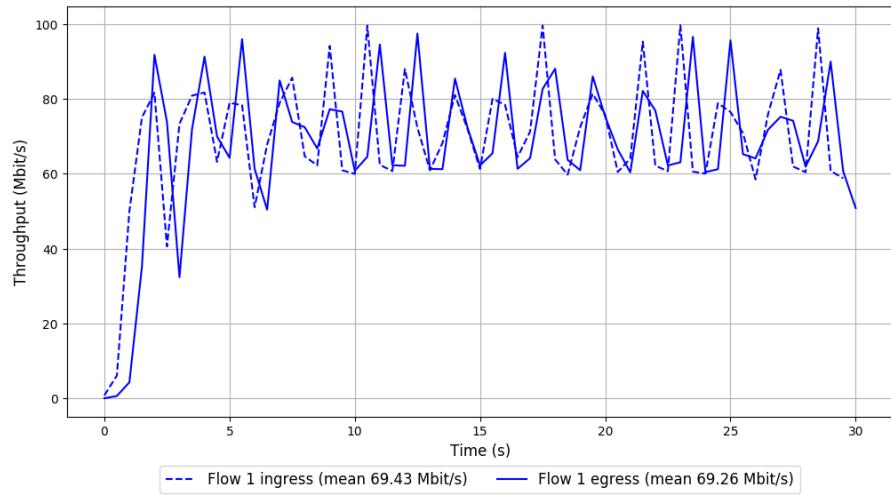


Run 4: Statistics of TCP BBR

```
Start at: 2018-08-09 18:28:19
End at: 2018-08-09 18:28:49
Local clock offset: -8.051 ms
Remote clock offset: 5.161 ms

# Below is generated by plot.py at 2018-08-09 20:42:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.26 Mbit/s
95th percentile per-packet one-way delay: 94.646 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 69.26 Mbit/s
95th percentile per-packet one-way delay: 94.646 ms
Loss rate: 0.83%
```

Run 4: Report of TCP BBR — Data Link

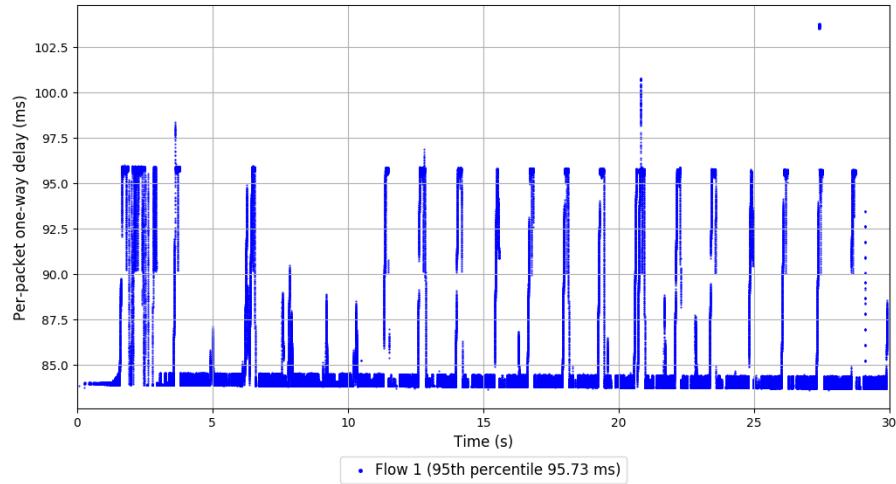
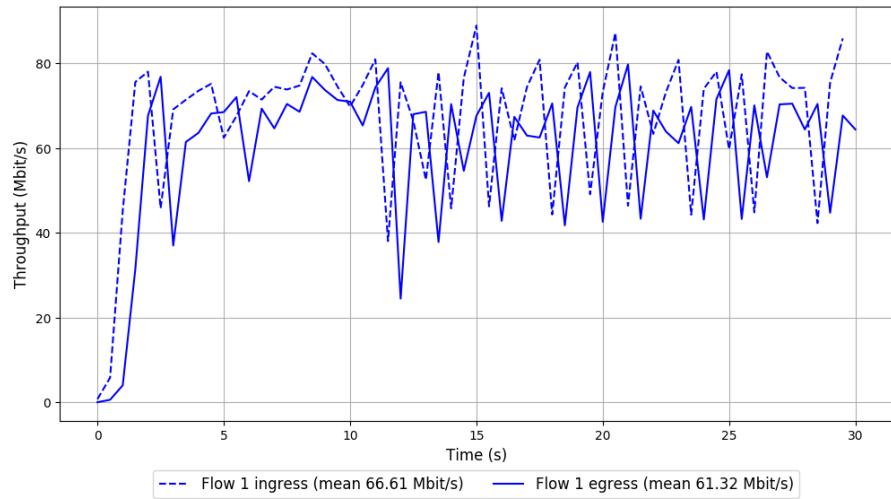


Run 5: Statistics of TCP BBR

```
Start at: 2018-08-09 18:48:10
End at: 2018-08-09 18:48:40
Local clock offset: -6.724 ms
Remote clock offset: 4.502 ms

# Below is generated by plot.py at 2018-08-09 20:42:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.32 Mbit/s
95th percentile per-packet one-way delay: 95.729 ms
Loss rate: 8.45%
-- Flow 1:
Average throughput: 61.32 Mbit/s
95th percentile per-packet one-way delay: 95.729 ms
Loss rate: 8.45%
```

Run 5: Report of TCP BBR — Data Link

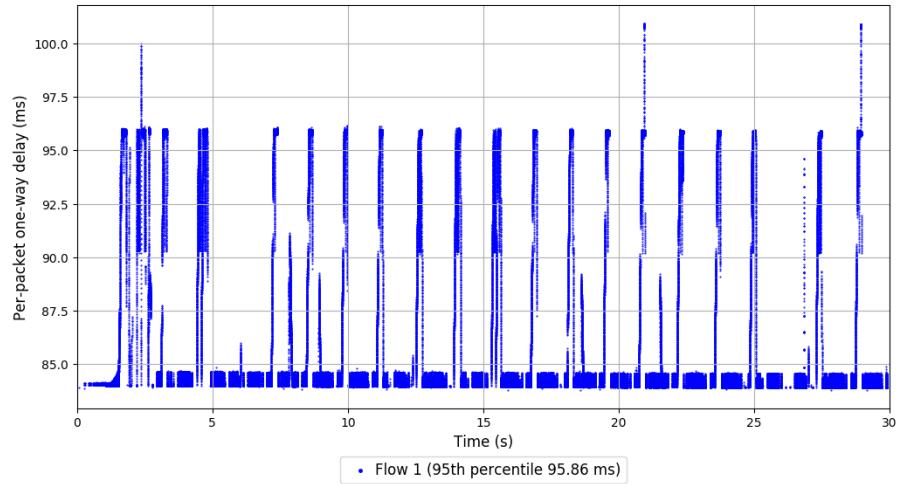
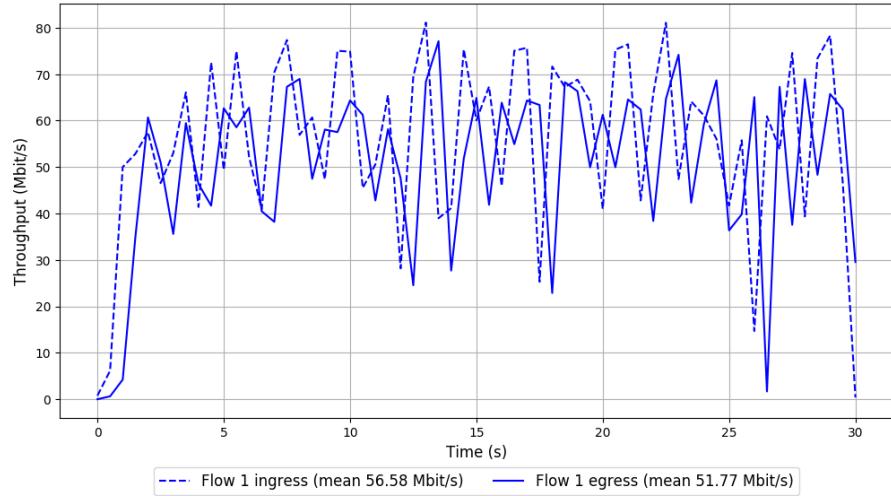


Run 6: Statistics of TCP BBR

```
Start at: 2018-08-09 19:08:12
End at: 2018-08-09 19:08:42
Local clock offset: -2.326 ms
Remote clock offset: 4.931 ms

# Below is generated by plot.py at 2018-08-09 20:42:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.77 Mbit/s
95th percentile per-packet one-way delay: 95.864 ms
Loss rate: 9.00%
-- Flow 1:
Average throughput: 51.77 Mbit/s
95th percentile per-packet one-way delay: 95.864 ms
Loss rate: 9.00%
```

Run 6: Report of TCP BBR — Data Link

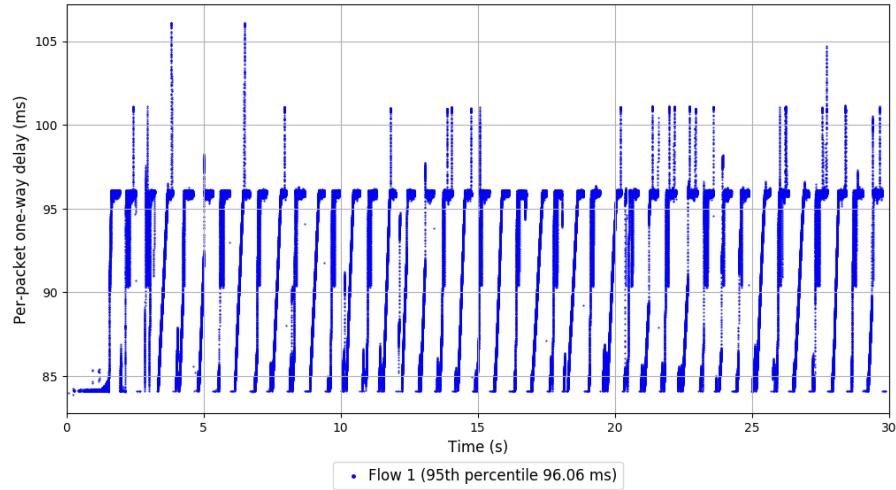
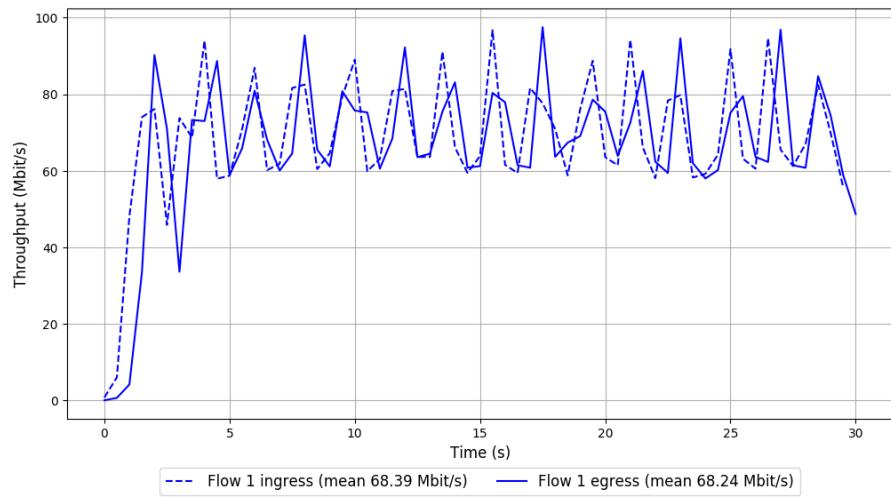


Run 7: Statistics of TCP BBR

```
Start at: 2018-08-09 19:28:10
End at: 2018-08-09 19:28:40
Local clock offset: -2.817 ms
Remote clock offset: 3.928 ms

# Below is generated by plot.py at 2018-08-09 20:42:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.24 Mbit/s
95th percentile per-packet one-way delay: 96.062 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 68.24 Mbit/s
95th percentile per-packet one-way delay: 96.062 ms
Loss rate: 0.81%
```

Run 7: Report of TCP BBR — Data Link

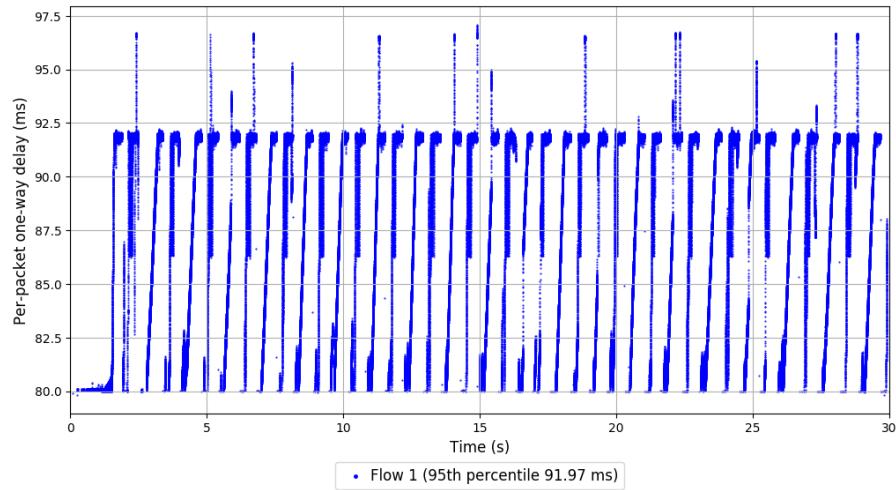
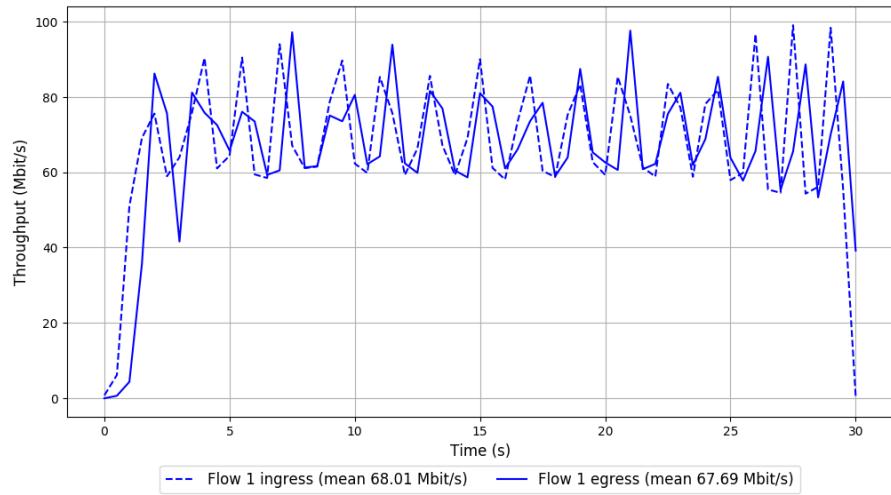


Run 8: Statistics of TCP BBR

```
Start at: 2018-08-09 19:48:00
End at: 2018-08-09 19:48:30
Local clock offset: -2.664 ms
Remote clock offset: 6.804 ms

# Below is generated by plot.py at 2018-08-09 20:42:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.69 Mbit/s
95th percentile per-packet one-way delay: 91.969 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 67.69 Mbit/s
95th percentile per-packet one-way delay: 91.969 ms
Loss rate: 1.02%
```

Run 8: Report of TCP BBR — Data Link

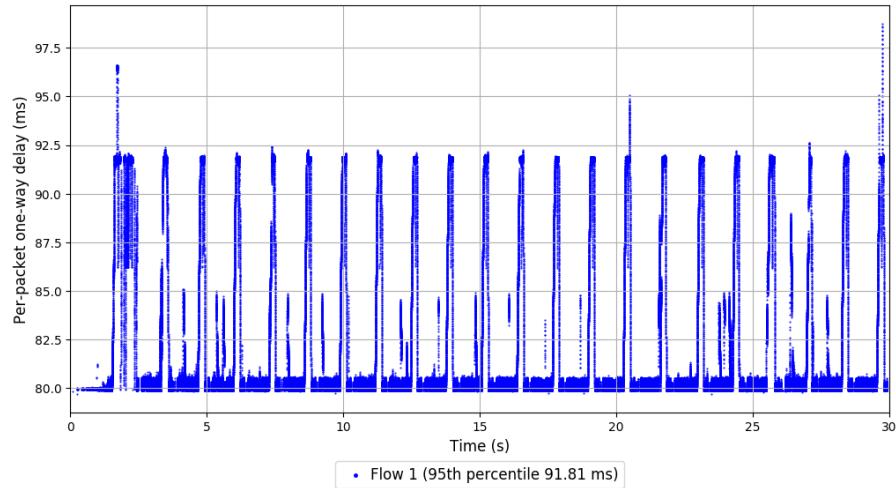
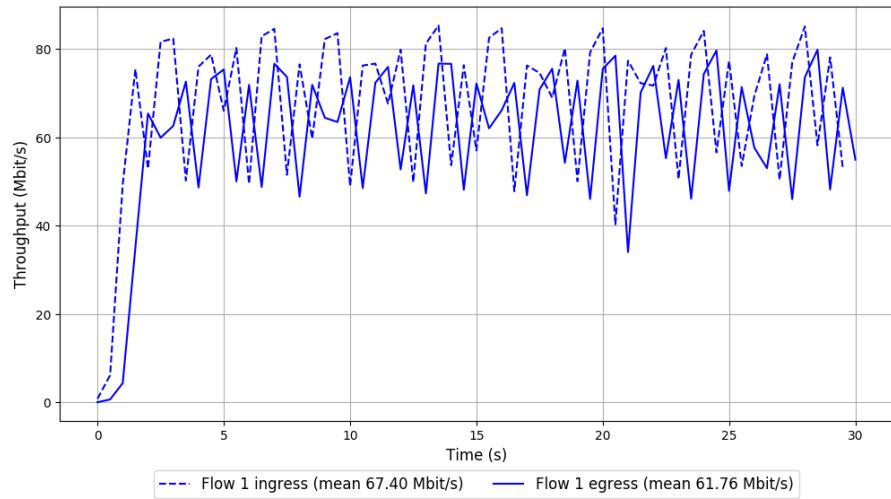


Run 9: Statistics of TCP BBR

```
Start at: 2018-08-09 20:08:00
End at: 2018-08-09 20:08:30
Local clock offset: -1.897 ms
Remote clock offset: 6.575 ms

# Below is generated by plot.py at 2018-08-09 20:42:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.76 Mbit/s
95th percentile per-packet one-way delay: 91.810 ms
Loss rate: 8.86%
-- Flow 1:
Average throughput: 61.76 Mbit/s
95th percentile per-packet one-way delay: 91.810 ms
Loss rate: 8.86%
```

Run 9: Report of TCP BBR — Data Link

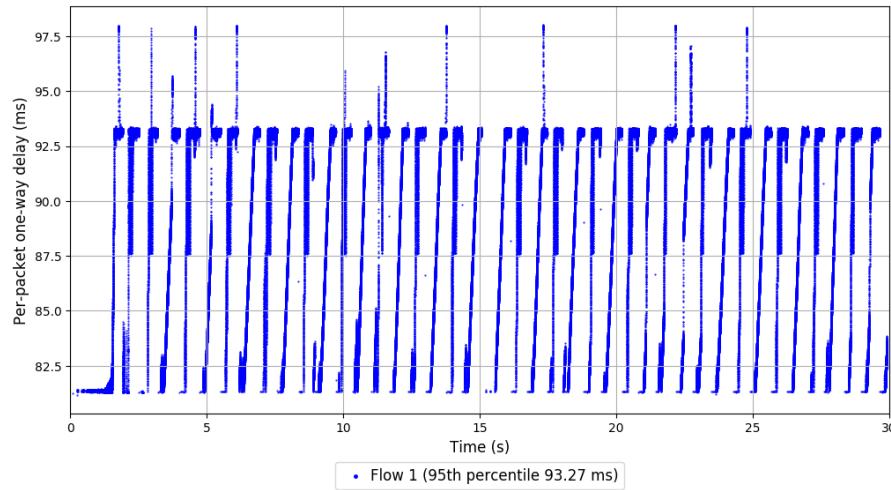
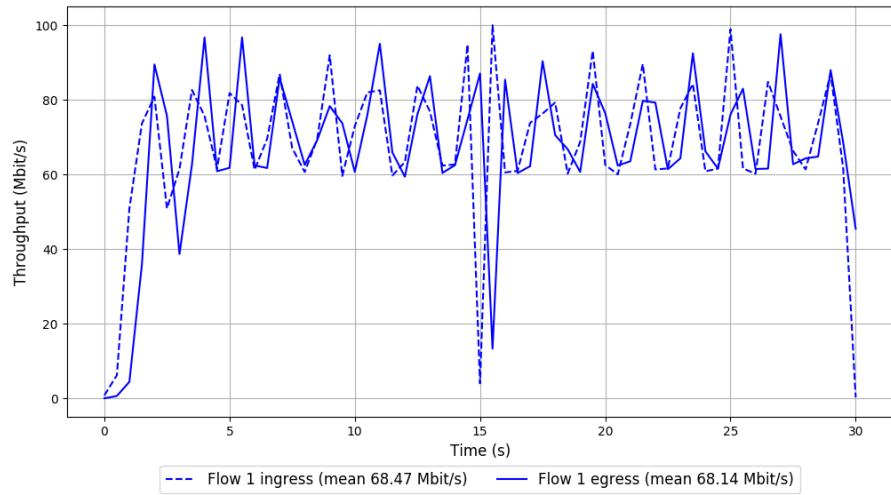


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2018-08-09 20:27:52
End at: 2018-08-09 20:28:22
Local clock offset: -3.195 ms
Remote clock offset: 5.447 ms

# Below is generated by plot.py at 2018-08-09 20:42:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.14 Mbit/s
95th percentile per-packet one-way delay: 93.273 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 68.14 Mbit/s
95th percentile per-packet one-way delay: 93.273 ms
Loss rate: 1.06%
```

Run 10: Report of TCP BBR — Data Link

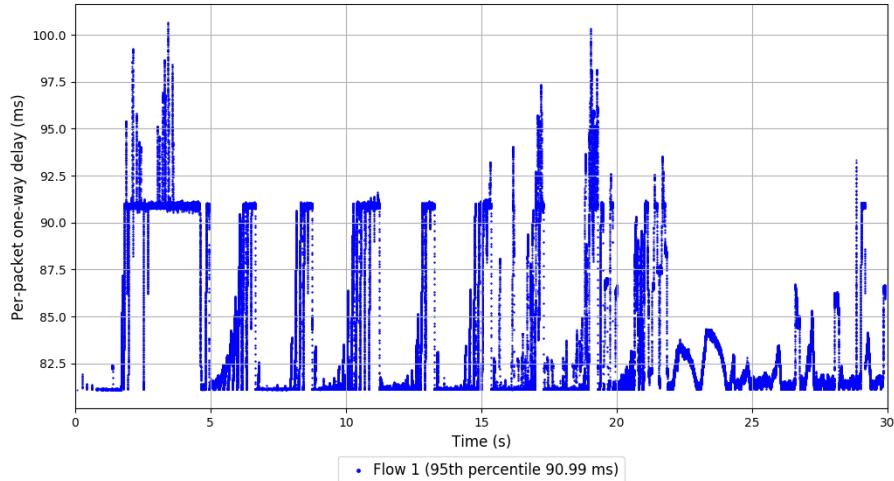
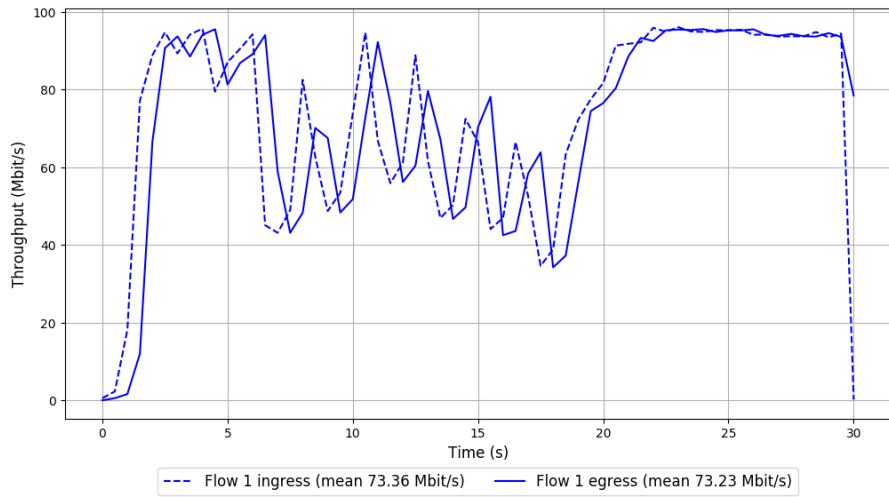


Run 1: Statistics of Copa

```
Start at: 2018-08-09 17:26:24
End at: 2018-08-09 17:26:54
Local clock offset: -8.053 ms
Remote clock offset: 6.414 ms

# Below is generated by plot.py at 2018-08-09 20:43:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.23 Mbit/s
95th percentile per-packet one-way delay: 90.987 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 73.23 Mbit/s
95th percentile per-packet one-way delay: 90.987 ms
Loss rate: 0.72%
```

Run 1: Report of Copa — Data Link

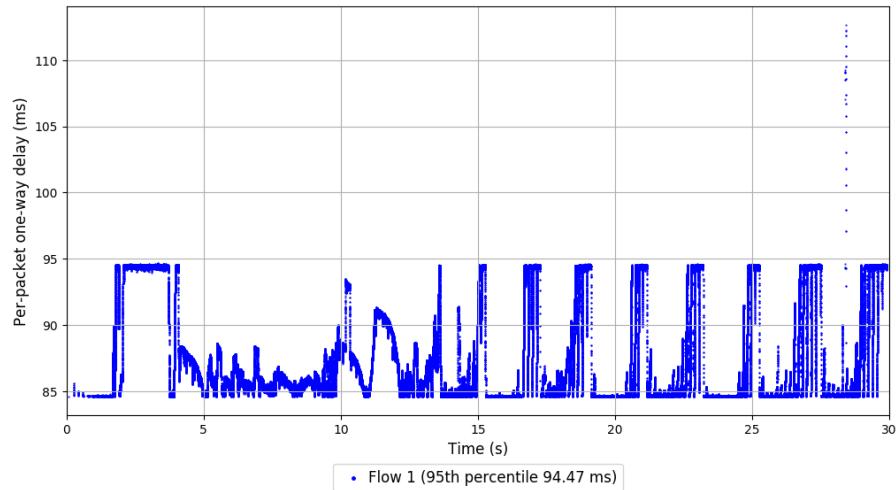
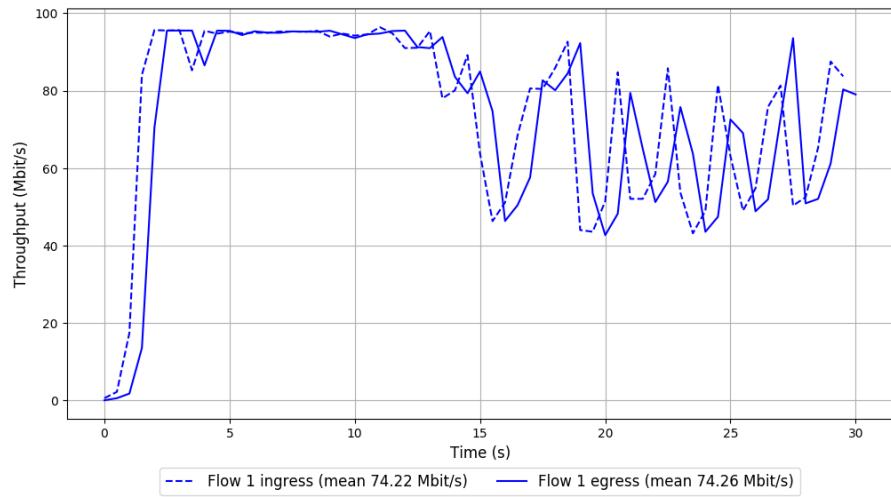


Run 2: Statistics of Copa

```
Start at: 2018-08-09 17:46:14
End at: 2018-08-09 17:46:44
Local clock offset: -8.146 ms
Remote clock offset: 3.901 ms

# Below is generated by plot.py at 2018-08-09 20:43:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 94.466 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 94.466 ms
Loss rate: 0.49%
```

Run 2: Report of Copa — Data Link

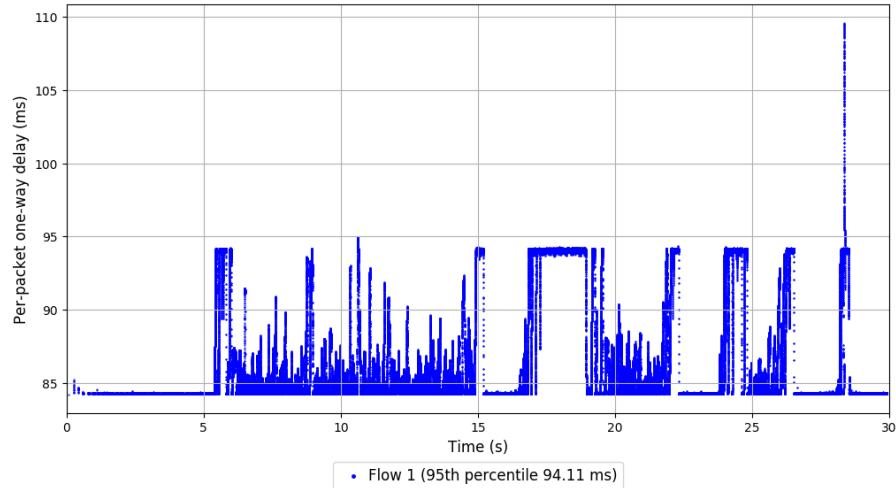
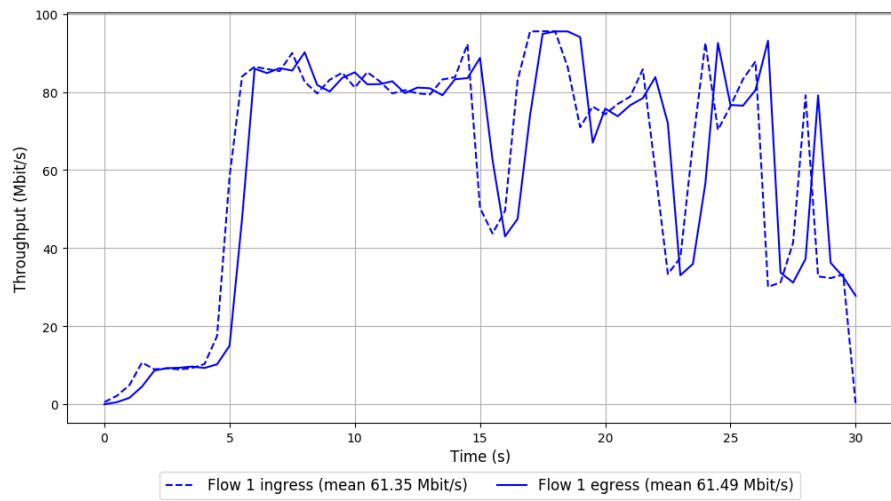


Run 3: Statistics of Copa

```
Start at: 2018-08-09 18:06:02
End at: 2018-08-09 18:06:32
Local clock offset: -8.022 ms
Remote clock offset: 4.645 ms

# Below is generated by plot.py at 2018-08-09 20:43:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.49 Mbit/s
95th percentile per-packet one-way delay: 94.107 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 61.49 Mbit/s
95th percentile per-packet one-way delay: 94.107 ms
Loss rate: 0.31%
```

Run 3: Report of Copa — Data Link

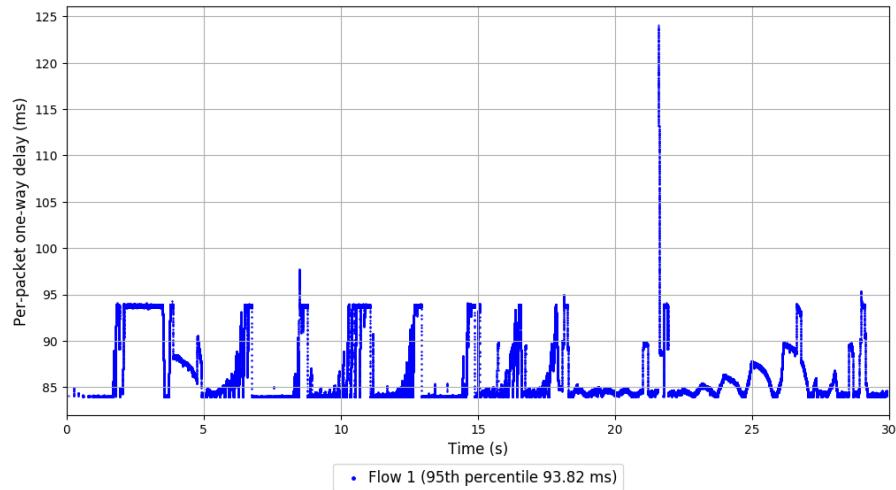
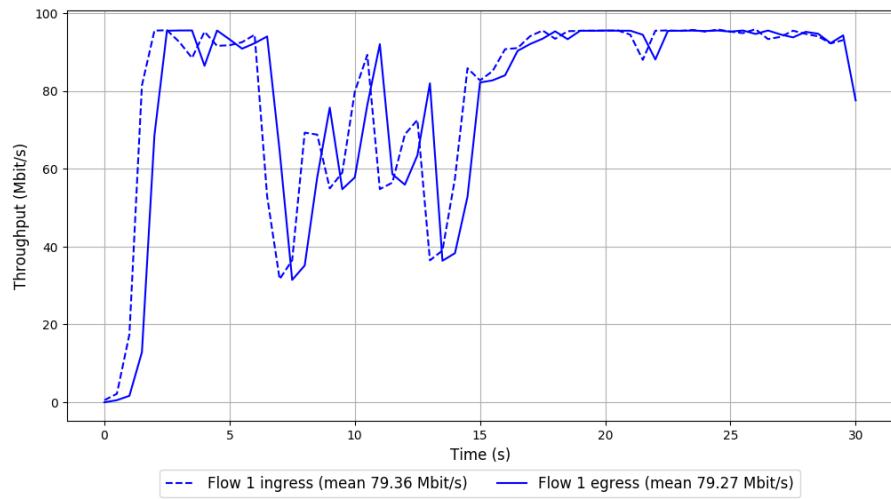


Run 4: Statistics of Copa

```
Start at: 2018-08-09 18:25:53
End at: 2018-08-09 18:26:23
Local clock offset: -7.993 ms
Remote clock offset: 4.589 ms

# Below is generated by plot.py at 2018-08-09 20:43:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.27 Mbit/s
95th percentile per-packet one-way delay: 93.822 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 79.27 Mbit/s
95th percentile per-packet one-way delay: 93.822 ms
Loss rate: 0.66%
```

Run 4: Report of Copa — Data Link

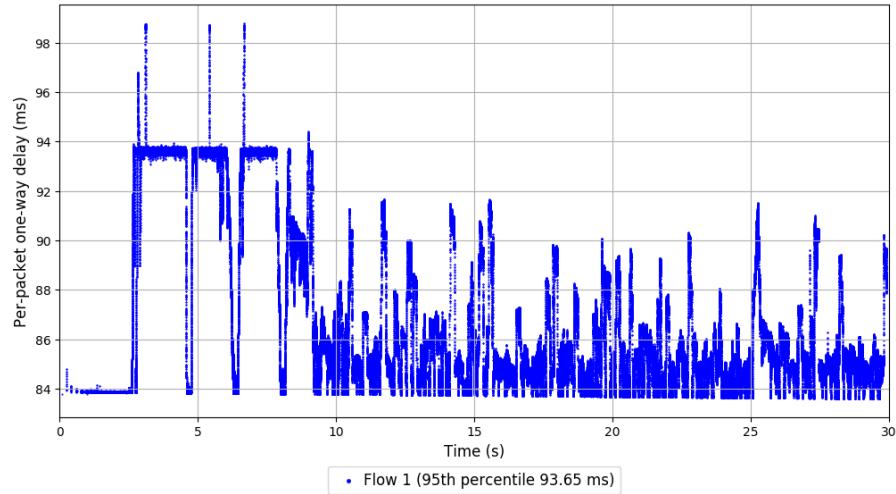
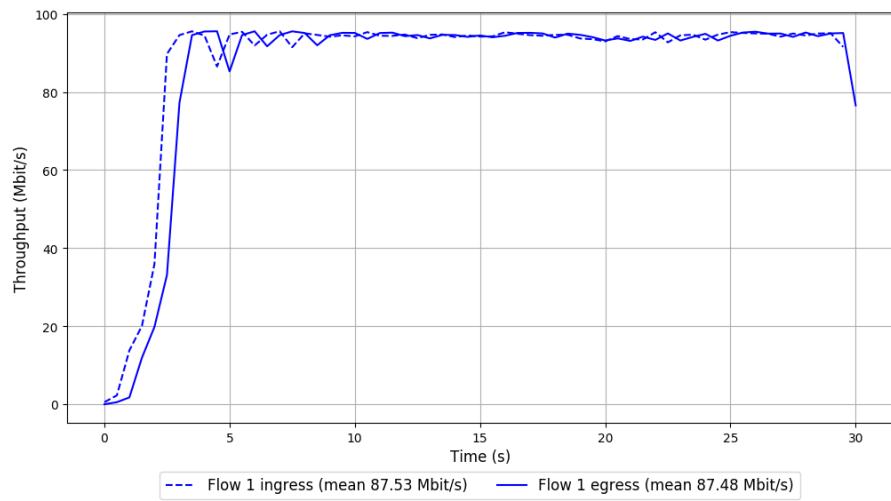


Run 5: Statistics of Copa

```
Start at: 2018-08-09 18:45:43
End at: 2018-08-09 18:46:13
Local clock offset: -8.056 ms
Remote clock offset: 4.421 ms

# Below is generated by plot.py at 2018-08-09 20:44:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 93.650 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 93.650 ms
Loss rate: 0.60%
```

Run 5: Report of Copa — Data Link

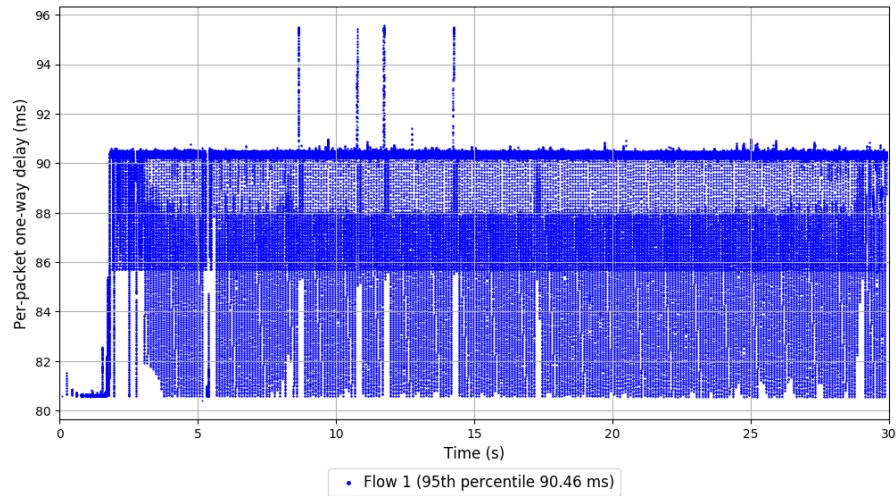
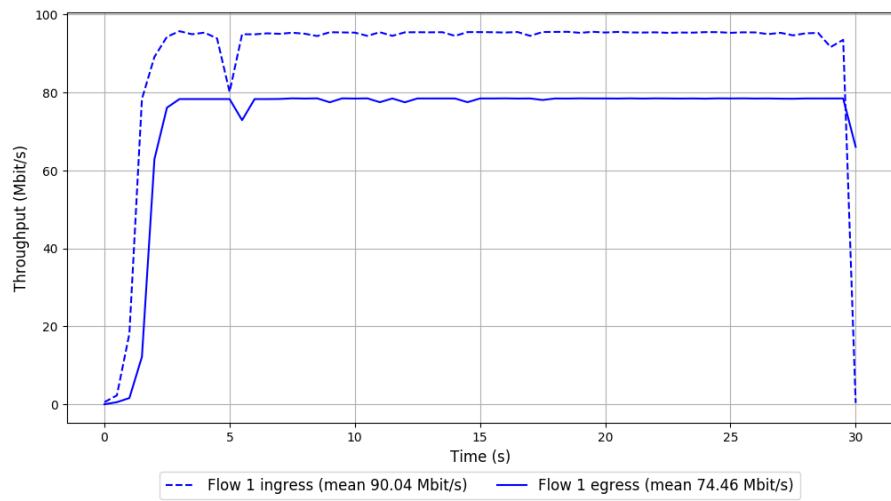


Run 6: Statistics of Copa

```
Start at: 2018-08-09 19:05:44
End at: 2018-08-09 19:06:14
Local clock offset: -2.655 ms
Remote clock offset: 8.436 ms

# Below is generated by plot.py at 2018-08-09 20:44:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.46 Mbit/s
95th percentile per-packet one-way delay: 90.460 ms
Loss rate: 17.76%
-- Flow 1:
Average throughput: 74.46 Mbit/s
95th percentile per-packet one-way delay: 90.460 ms
Loss rate: 17.76%
```

Run 6: Report of Copa — Data Link

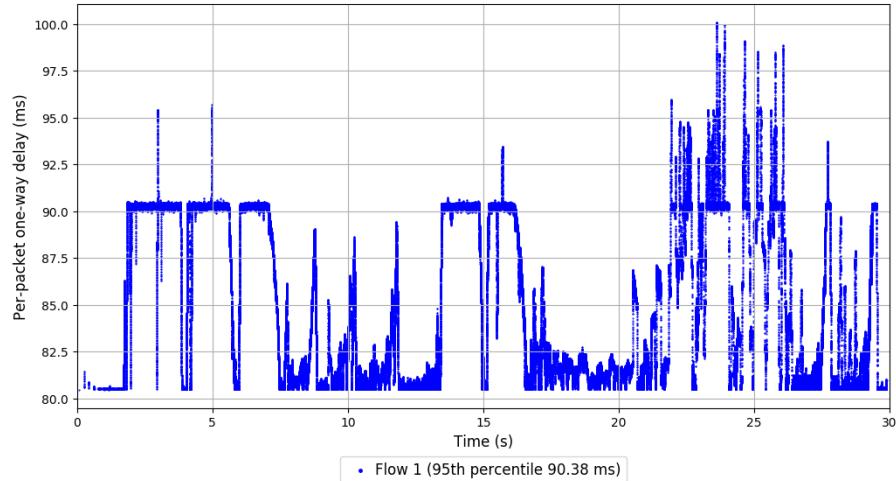
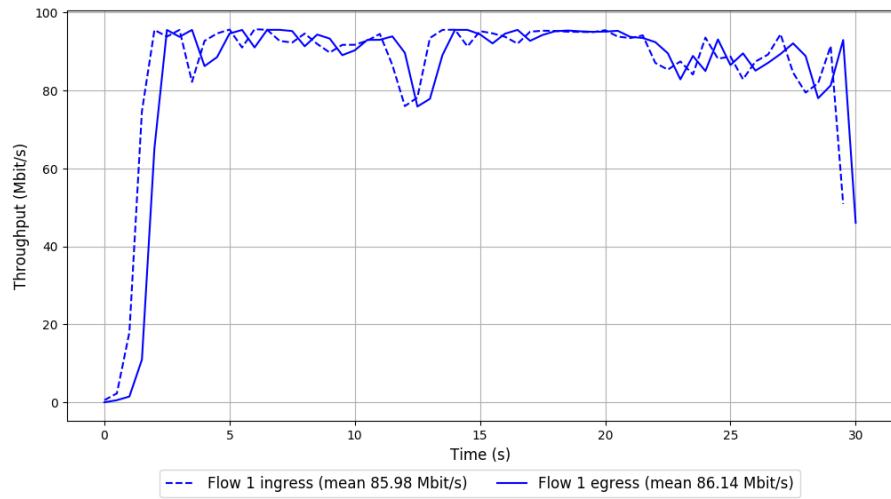


Run 7: Statistics of Copa

```
Start at: 2018-08-09 19:25:43
End at: 2018-08-09 19:26:13
Local clock offset: -2.811 ms
Remote clock offset: 7.366 ms

# Below is generated by plot.py at 2018-08-09 20:44:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.14 Mbit/s
95th percentile per-packet one-way delay: 90.383 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 86.14 Mbit/s
95th percentile per-packet one-way delay: 90.383 ms
Loss rate: 0.36%
```

Run 7: Report of Copa — Data Link

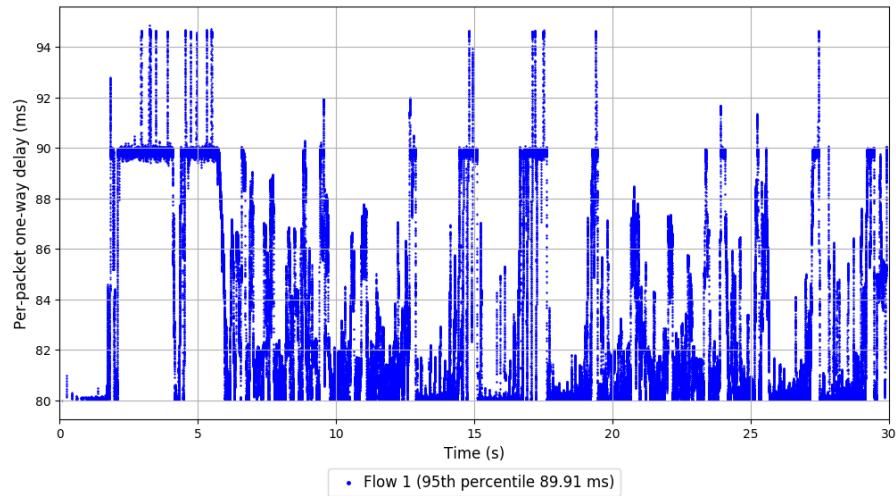
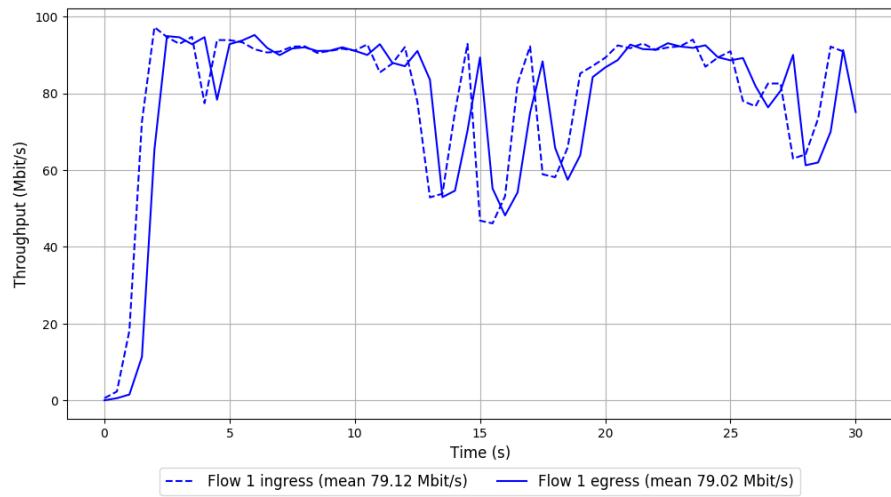


Run 8: Statistics of Copa

```
Start at: 2018-08-09 19:45:34
End at: 2018-08-09 19:46:04
Local clock offset: -2.703 ms
Remote clock offset: 6.589 ms

# Below is generated by plot.py at 2018-08-09 20:44:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.02 Mbit/s
95th percentile per-packet one-way delay: 89.909 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 79.02 Mbit/s
95th percentile per-packet one-way delay: 89.909 ms
Loss rate: 0.67%
```

Run 8: Report of Copa — Data Link

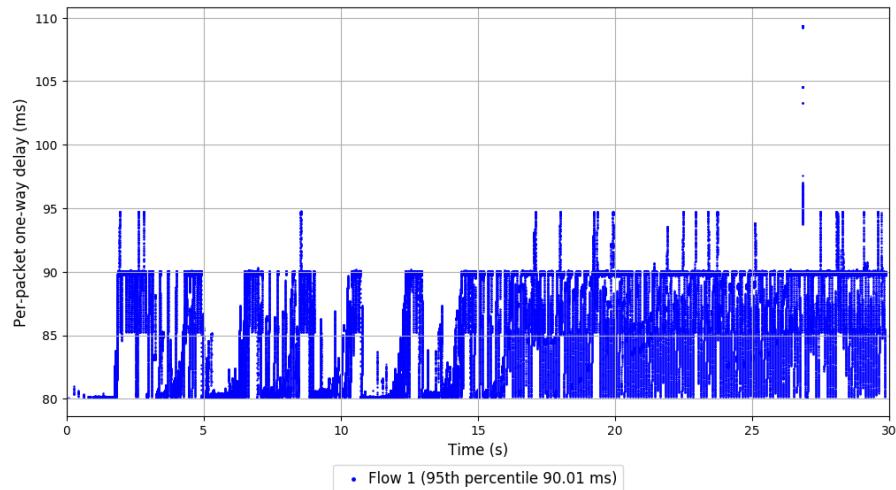
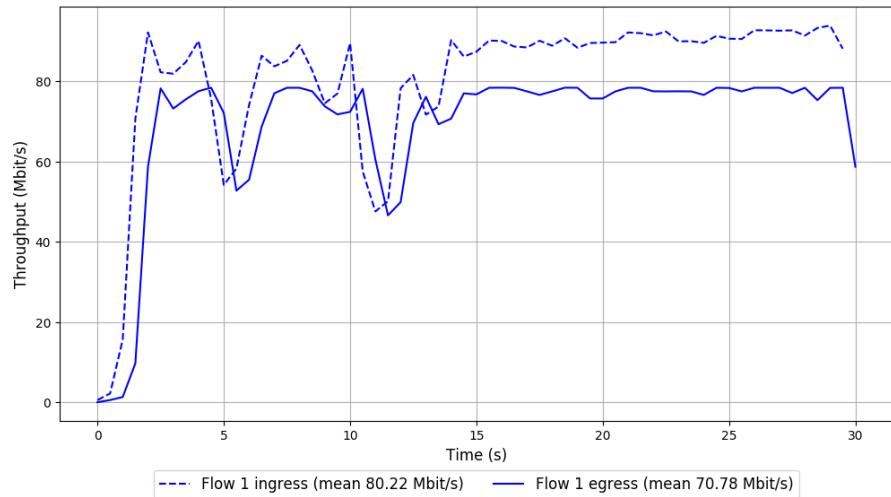


Run 9: Statistics of Copa

```
Start at: 2018-08-09 20:05:24
End at: 2018-08-09 20:05:54
Local clock offset: -1.971 ms
Remote clock offset: 6.938 ms

# Below is generated by plot.py at 2018-08-09 20:45:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.78 Mbit/s
95th percentile per-packet one-way delay: 90.012 ms
Loss rate: 12.26%
-- Flow 1:
Average throughput: 70.78 Mbit/s
95th percentile per-packet one-way delay: 90.012 ms
Loss rate: 12.26%
```

Run 9: Report of Copa — Data Link

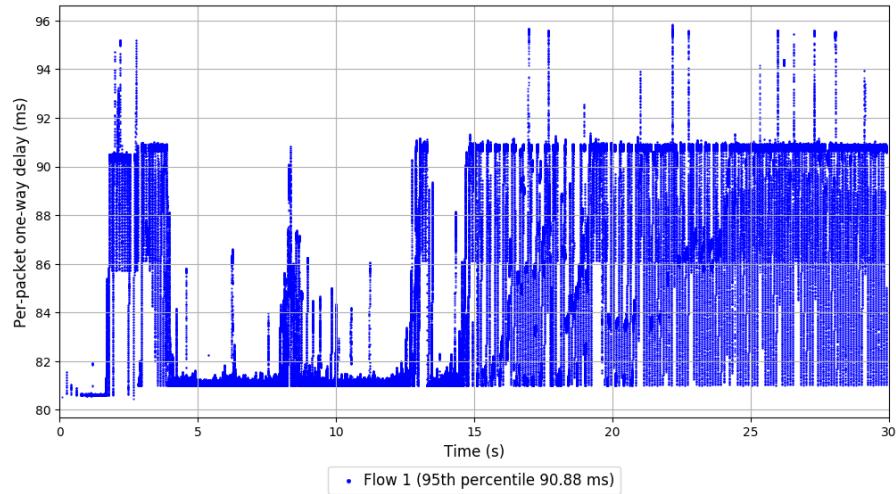
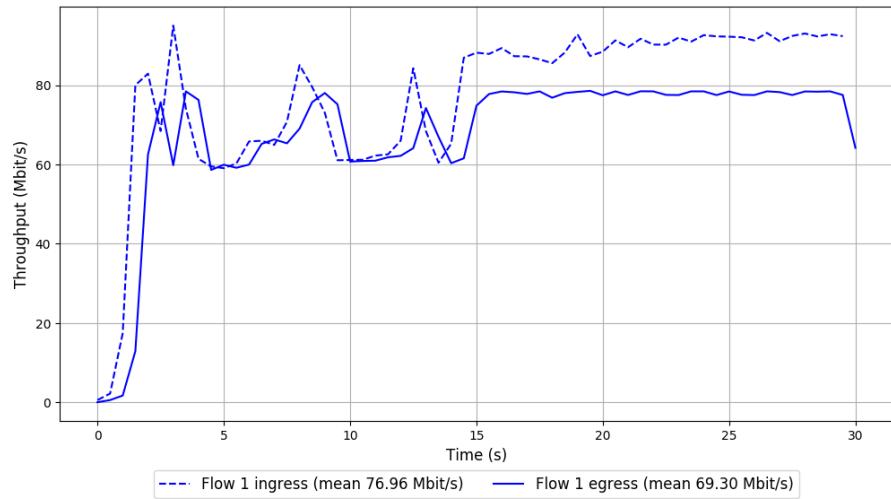


Run 10: Statistics of Copa

```
Start at: 2018-08-09 20:25:25
End at: 2018-08-09 20:25:55
Local clock offset: -3.031 ms
Remote clock offset: 5.875 ms

# Below is generated by plot.py at 2018-08-09 20:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.30 Mbit/s
95th percentile per-packet one-way delay: 90.876 ms
Loss rate: 10.45%
-- Flow 1:
Average throughput: 69.30 Mbit/s
95th percentile per-packet one-way delay: 90.876 ms
Loss rate: 10.45%
```

Run 10: Report of Copa — Data Link

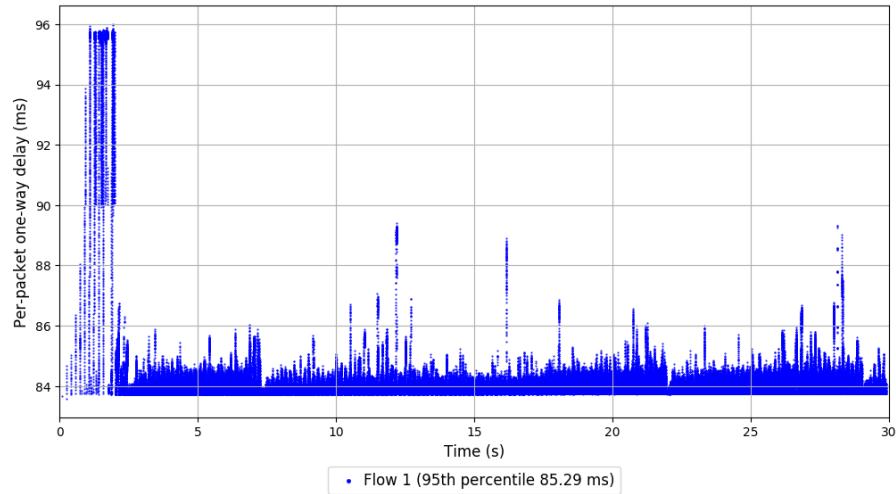
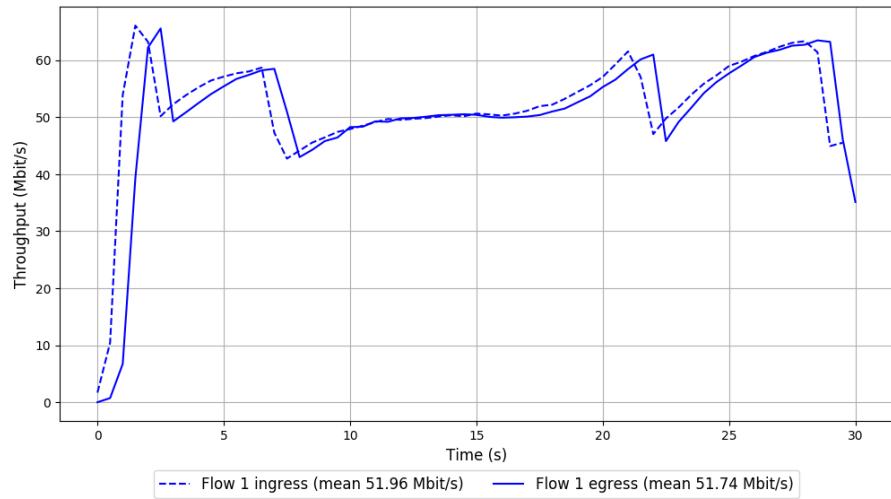


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-08-09 17:33:31
End at: 2018-08-09 17:34:01
Local clock offset: -8.011 ms
Remote clock offset: 3.61 ms

# Below is generated by plot.py at 2018-08-09 20:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.74 Mbit/s
95th percentile per-packet one-way delay: 85.290 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 51.74 Mbit/s
95th percentile per-packet one-way delay: 85.290 ms
Loss rate: 0.97%
```

Run 1: Report of TCP Cubic — Data Link

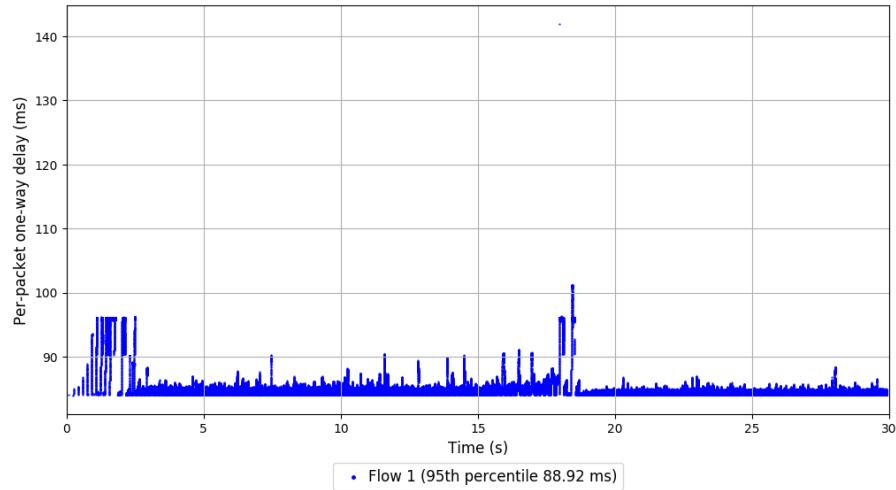
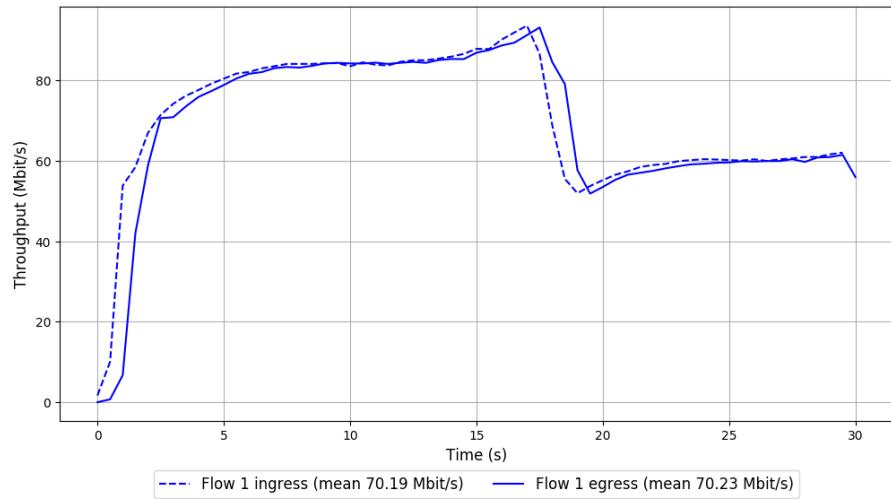


Run 2: Statistics of TCP Cubic

```
Start at: 2018-08-09 17:53:19
End at: 2018-08-09 17:53:49
Local clock offset: -8.081 ms
Remote clock offset: 4.149 ms

# Below is generated by plot.py at 2018-08-09 20:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.23 Mbit/s
95th percentile per-packet one-way delay: 88.919 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 70.23 Mbit/s
95th percentile per-packet one-way delay: 88.919 ms
Loss rate: 0.49%
```

Run 2: Report of TCP Cubic — Data Link

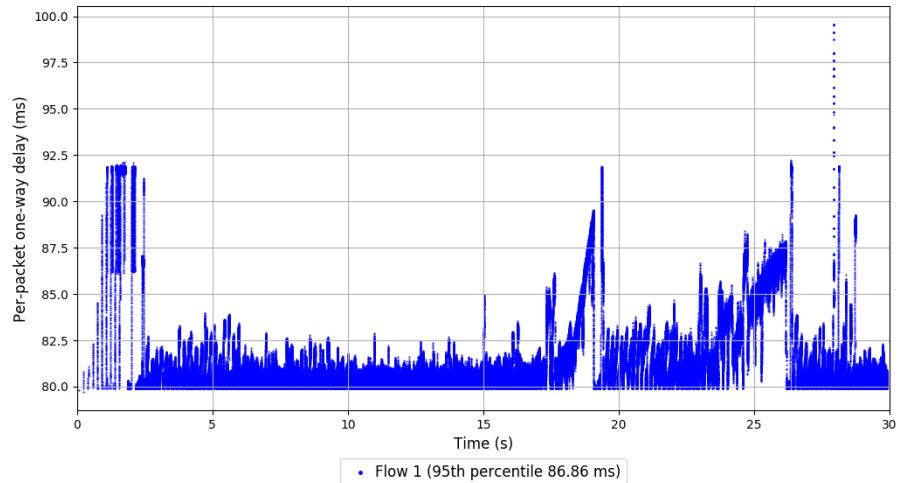
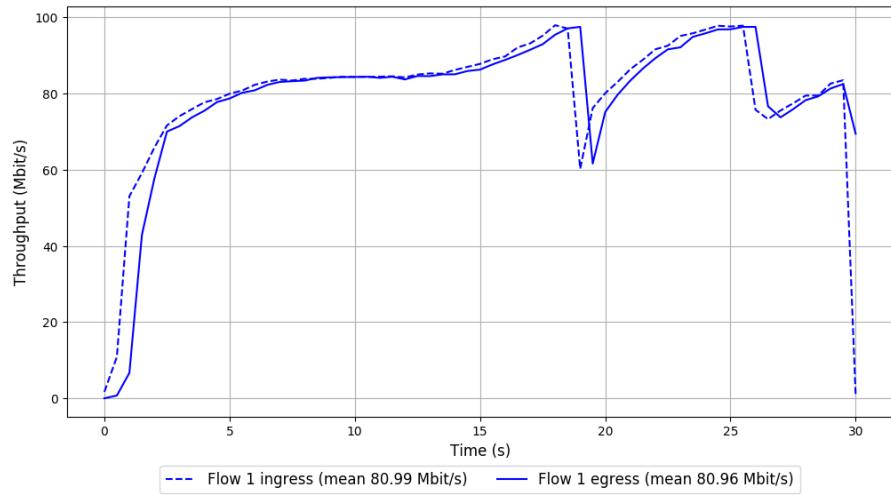


Run 3: Statistics of TCP Cubic

```
Start at: 2018-08-09 18:13:07
End at: 2018-08-09 18:13:37
Local clock offset: -8.072 ms
Remote clock offset: 8.139 ms

# Below is generated by plot.py at 2018-08-09 20:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.96 Mbit/s
95th percentile per-packet one-way delay: 86.859 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 80.96 Mbit/s
95th percentile per-packet one-way delay: 86.859 ms
Loss rate: 0.57%
```

Run 3: Report of TCP Cubic — Data Link

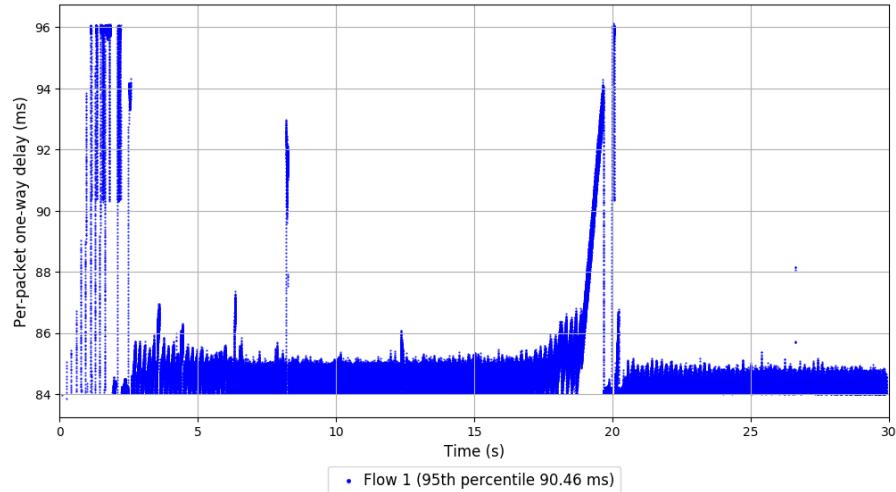
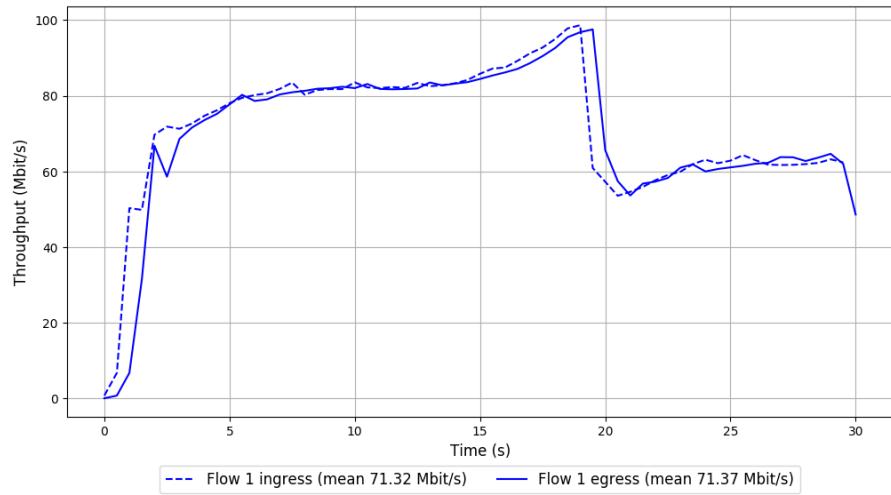


Run 4: Statistics of TCP Cubic

```
Start at: 2018-08-09 18:33:00
End at: 2018-08-09 18:33:30
Local clock offset: -7.992 ms
Remote clock offset: 4.804 ms

# Below is generated by plot.py at 2018-08-09 20:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.37 Mbit/s
95th percentile per-packet one-way delay: 90.462 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 71.37 Mbit/s
95th percentile per-packet one-way delay: 90.462 ms
Loss rate: 0.49%
```

Run 4: Report of TCP Cubic — Data Link

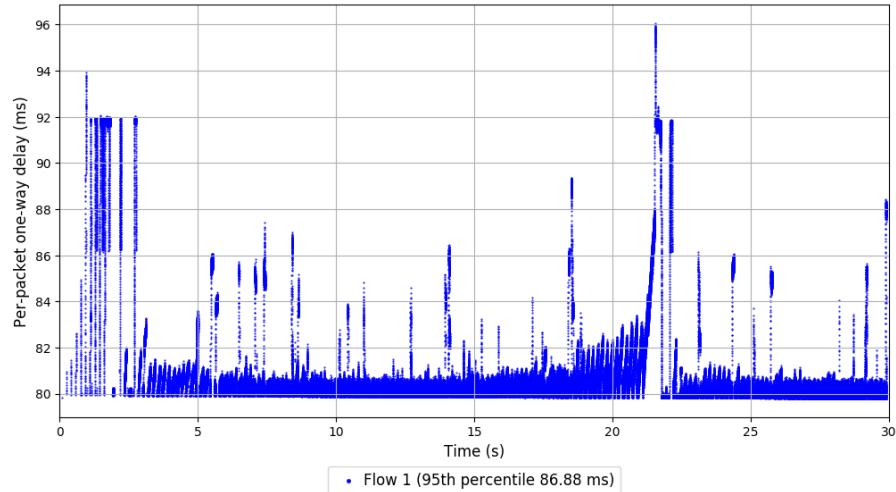
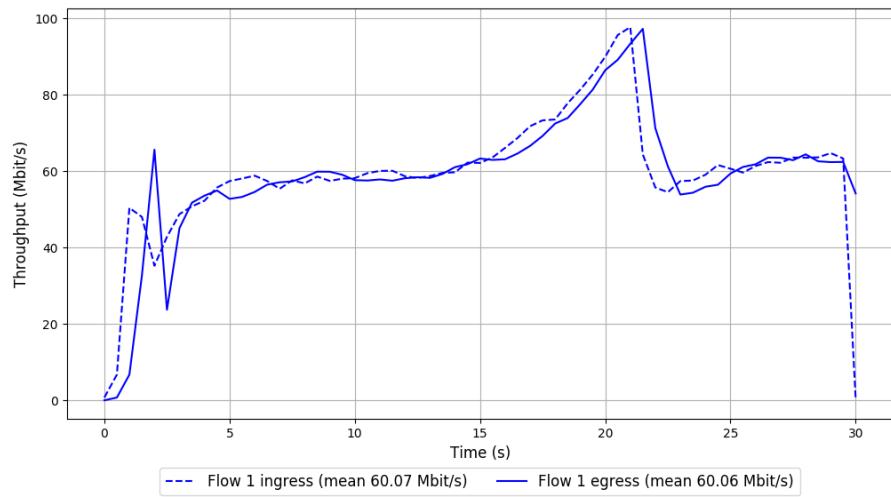


Run 5: Statistics of TCP Cubic

```
Start at: 2018-08-09 18:52:51
End at: 2018-08-09 18:53:21
Local clock offset: -5.019 ms
Remote clock offset: 8.206 ms

# Below is generated by plot.py at 2018-08-09 20:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.06 Mbit/s
95th percentile per-packet one-way delay: 86.877 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 60.06 Mbit/s
95th percentile per-packet one-way delay: 86.877 ms
Loss rate: 0.57%
```

Run 5: Report of TCP Cubic — Data Link

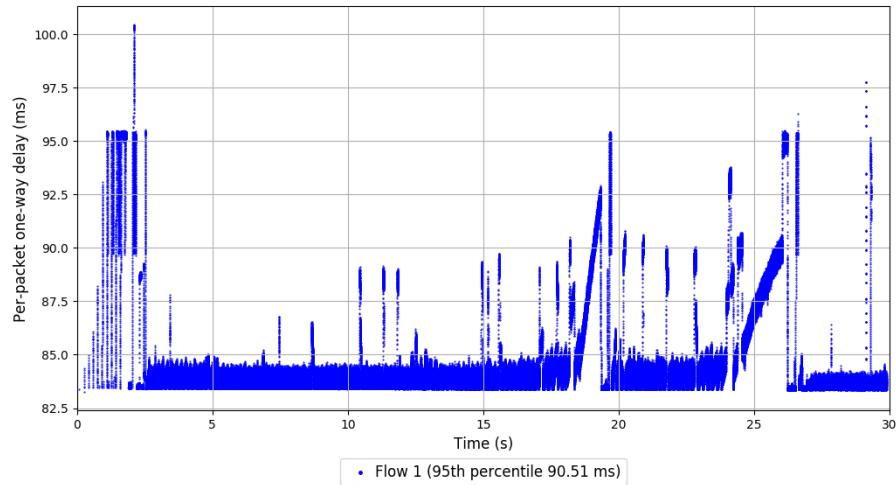
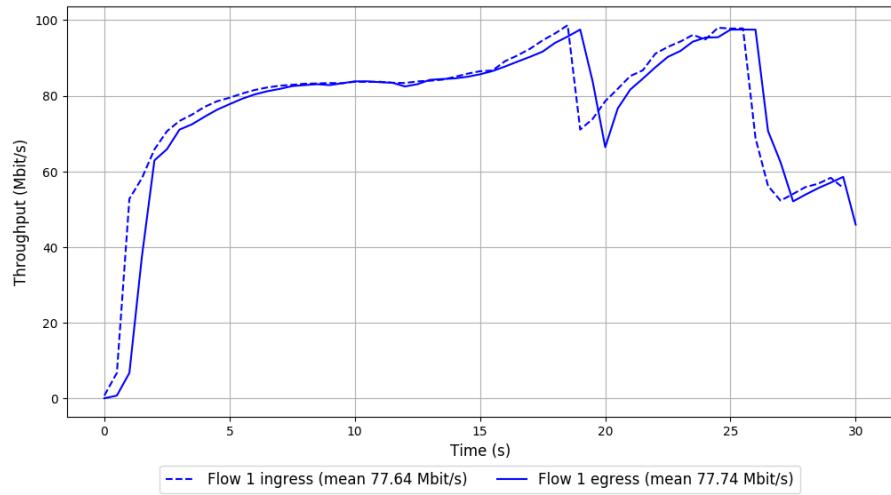


Run 6: Statistics of TCP Cubic

```
Start at: 2018-08-09 19:13:02
End at: 2018-08-09 19:13:32
Local clock offset: -1.986 ms
Remote clock offset: 4.049 ms

# Below is generated by plot.py at 2018-08-09 20:45:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.74 Mbit/s
95th percentile per-packet one-way delay: 90.508 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 77.74 Mbit/s
95th percentile per-packet one-way delay: 90.508 ms
Loss rate: 0.42%
```

Run 6: Report of TCP Cubic — Data Link

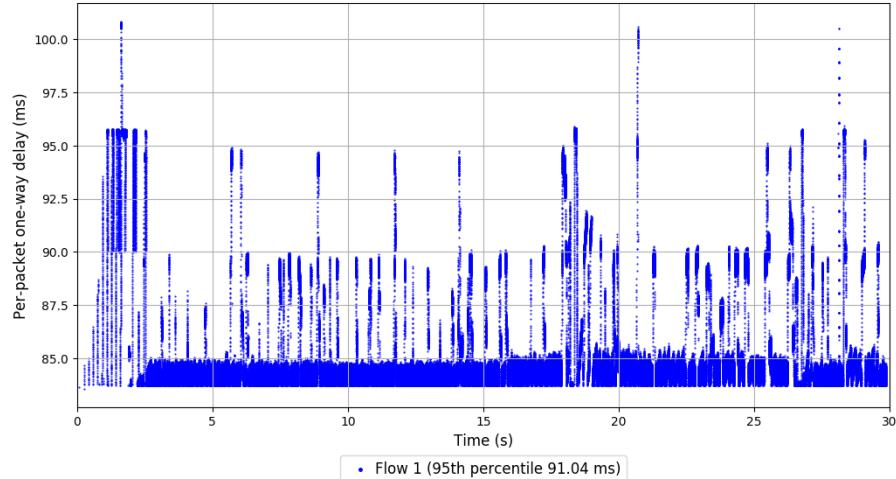
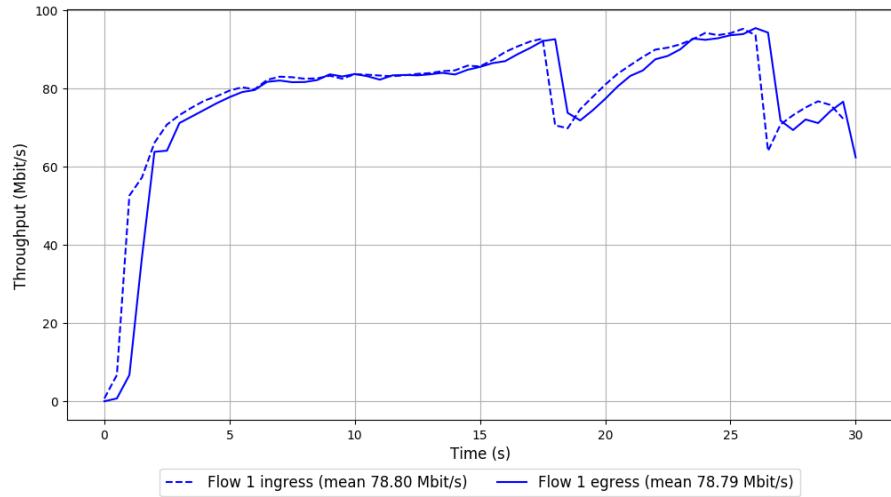


Run 7: Statistics of TCP Cubic

```
Start at: 2018-08-09 19:32:51
End at: 2018-08-09 19:33:21
Local clock offset: -2.888 ms
Remote clock offset: 3.716 ms

# Below is generated by plot.py at 2018-08-09 20:45:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.79 Mbit/s
95th percentile per-packet one-way delay: 91.044 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 78.79 Mbit/s
95th percentile per-packet one-way delay: 91.044 ms
Loss rate: 0.55%
```

Run 7: Report of TCP Cubic — Data Link

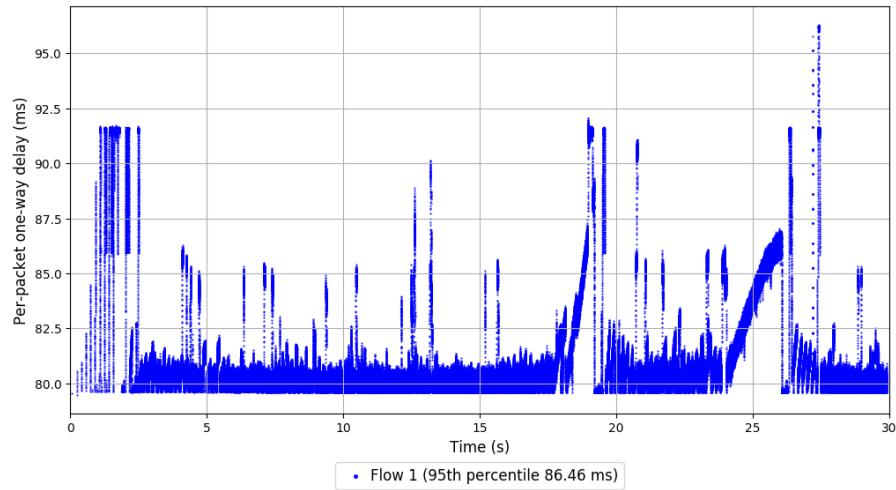
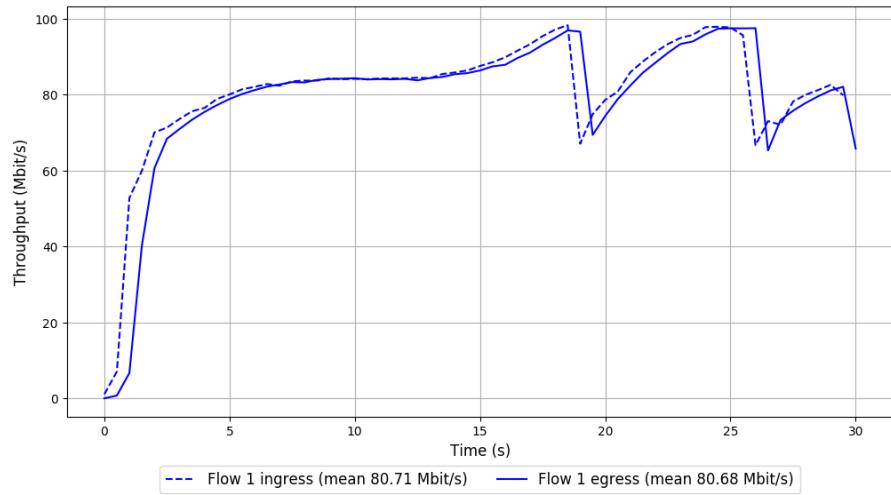


Run 8: Statistics of TCP Cubic

```
Start at: 2018-08-09 19:52:41
End at: 2018-08-09 19:53:11
Local clock offset: -2.429 ms
Remote clock offset: 7.197 ms

# Below is generated by plot.py at 2018-08-09 20:45:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.68 Mbit/s
95th percentile per-packet one-way delay: 86.459 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 80.68 Mbit/s
95th percentile per-packet one-way delay: 86.459 ms
Loss rate: 0.57%
```

Run 8: Report of TCP Cubic — Data Link

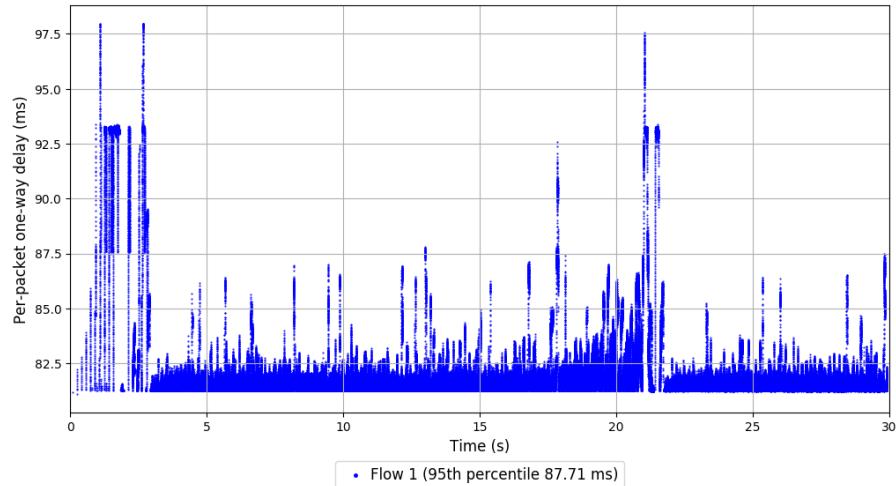
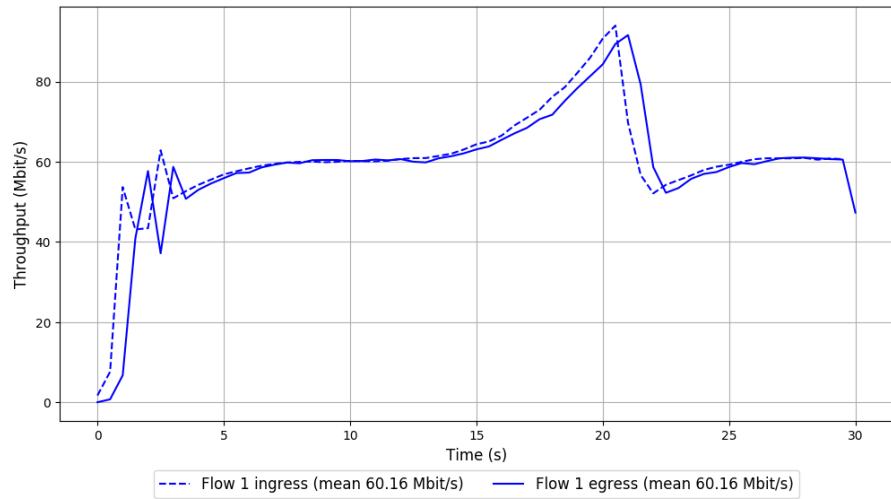


Run 9: Statistics of TCP Cubic

```
Start at: 2018-08-09 20:12:41
End at: 2018-08-09 20:13:11
Local clock offset: -1.693 ms
Remote clock offset: 6.126 ms

# Below is generated by plot.py at 2018-08-09 20:45:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.16 Mbit/s
95th percentile per-packet one-way delay: 87.714 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 60.16 Mbit/s
95th percentile per-packet one-way delay: 87.714 ms
Loss rate: 0.56%
```

Run 9: Report of TCP Cubic — Data Link

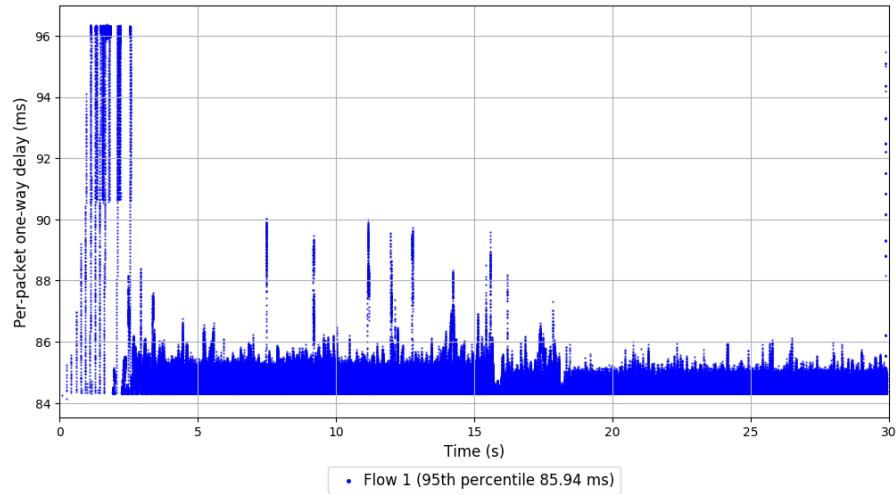
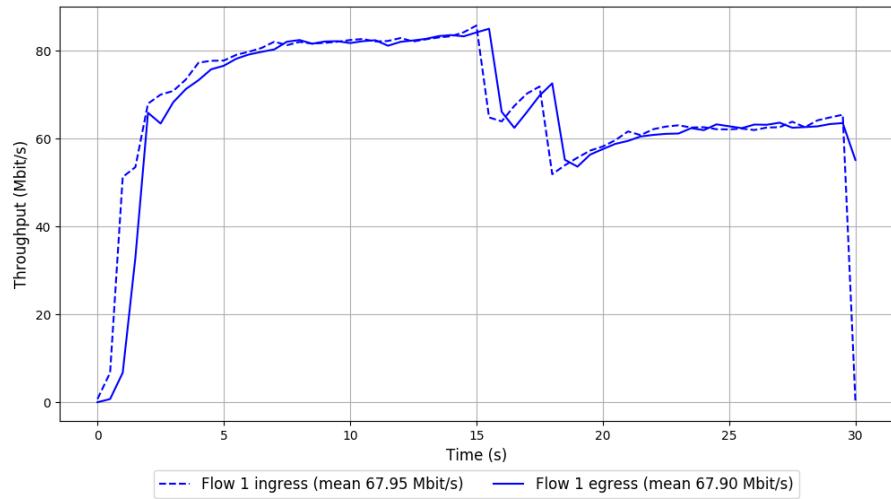


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-08-09 20:32:36
End at: 2018-08-09 20:33:06
Local clock offset: -3.413 ms
Remote clock offset: 2.298 ms

# Below is generated by plot.py at 2018-08-09 20:45:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.90 Mbit/s
95th percentile per-packet one-way delay: 85.944 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 67.90 Mbit/s
95th percentile per-packet one-way delay: 85.944 ms
Loss rate: 0.62%
```

Run 10: Report of TCP Cubic — Data Link

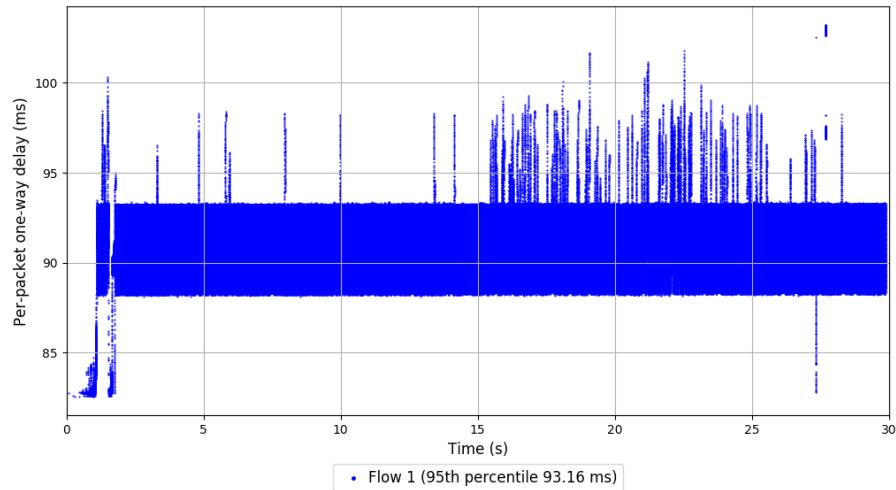
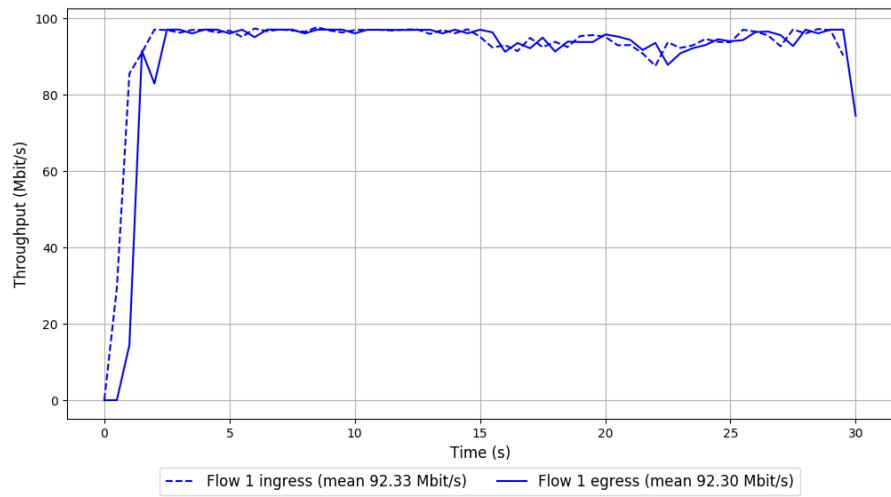


```
Run 1: Statistics of FillP
```

```
Start at: 2018-08-09 17:25:13
End at: 2018-08-09 17:25:43
Local clock offset: -8.056 ms
Remote clock offset: 3.282 ms

# Below is generated by plot.py at 2018-08-09 20:46:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 93.162 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 93.162 ms
Loss rate: 0.60%
```

Run 1: Report of FillP — Data Link

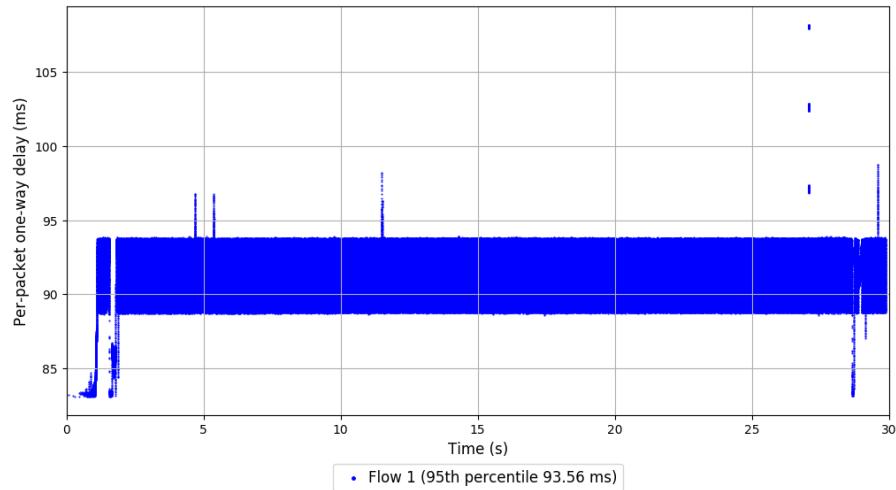
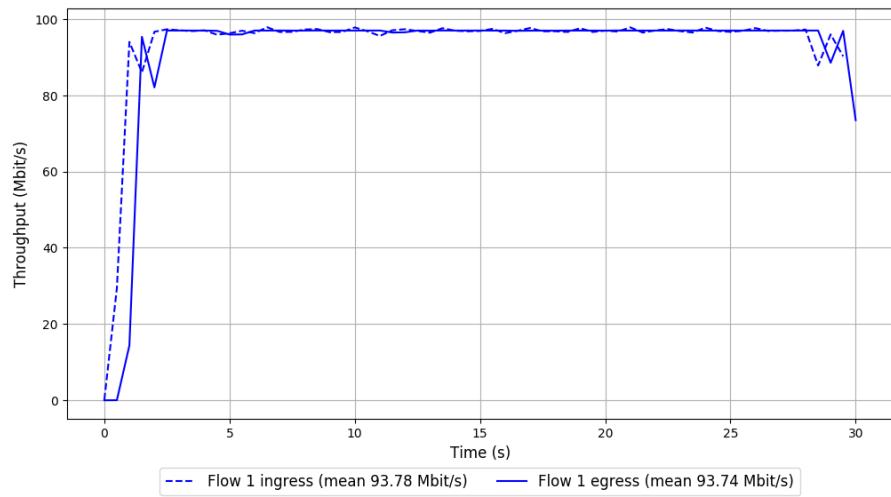


Run 2: Statistics of FillP

```
Start at: 2018-08-09 17:45:03
End at: 2018-08-09 17:45:33
Local clock offset: -8.145 ms
Remote clock offset: 3.921 ms

# Below is generated by plot.py at 2018-08-09 20:46:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 93.559 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 93.559 ms
Loss rate: 0.59%
```

Run 2: Report of FillP — Data Link

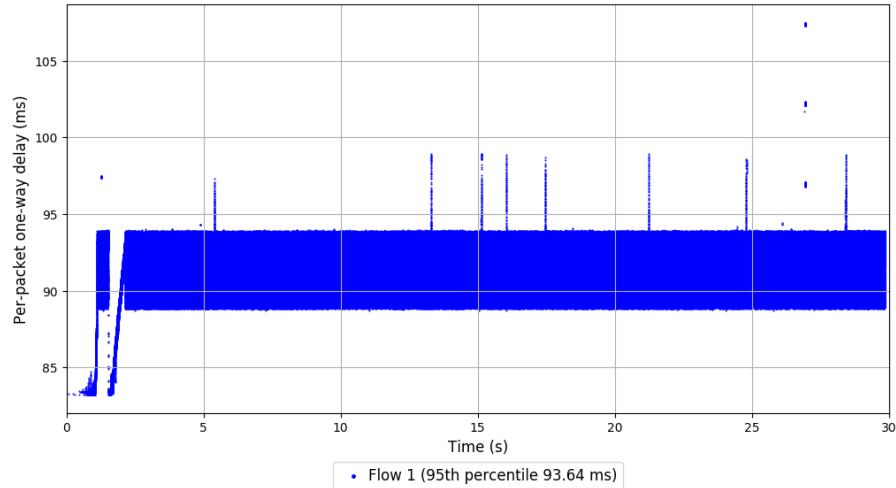
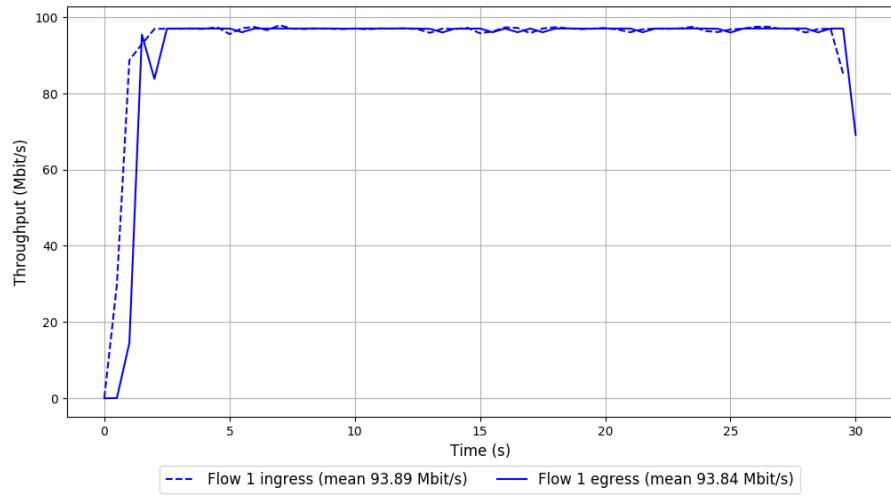


Run 3: Statistics of FillP

```
Start at: 2018-08-09 18:04:52
End at: 2018-08-09 18:05:22
Local clock offset: -8.064 ms
Remote clock offset: 4.822 ms

# Below is generated by plot.py at 2018-08-09 20:46:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 93.637 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 93.637 ms
Loss rate: 0.60%
```

Run 3: Report of FillP — Data Link

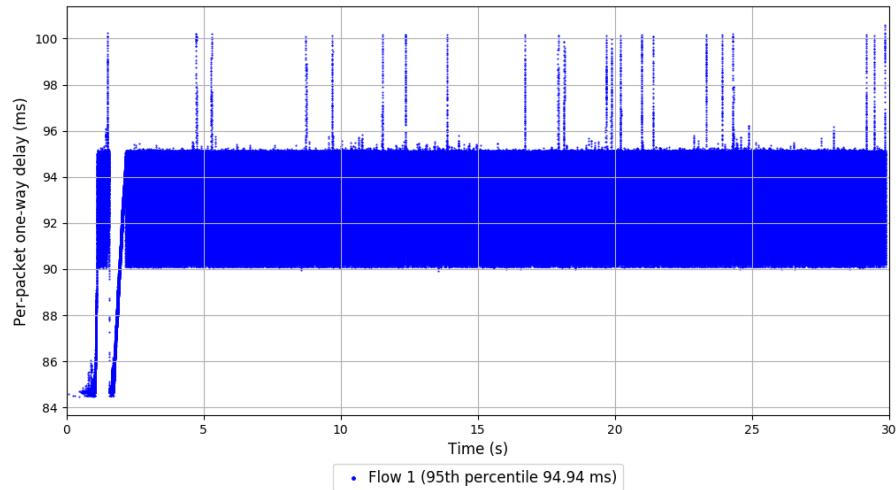
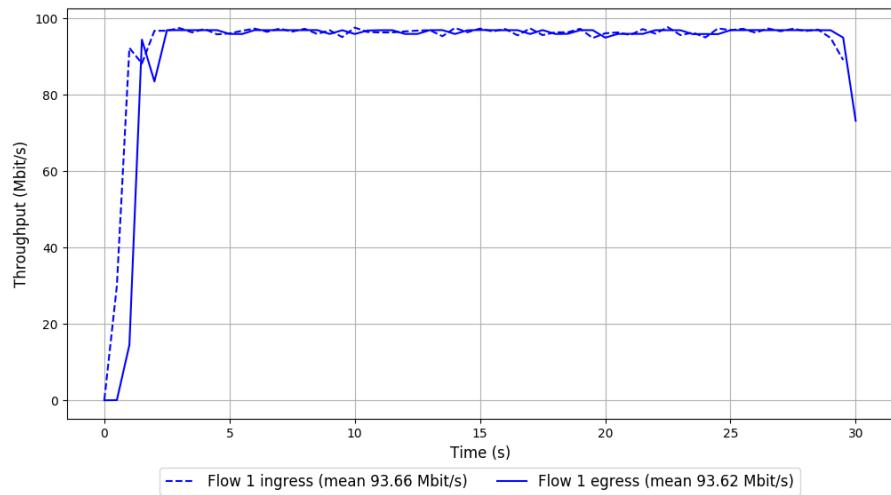


Run 4: Statistics of FillP

```
Start at: 2018-08-09 18:24:42
End at: 2018-08-09 18:25:12
Local clock offset: -7.982 ms
Remote clock offset: 4.572 ms

# Below is generated by plot.py at 2018-08-09 20:46:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 94.942 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 94.942 ms
Loss rate: 0.61%
```

Run 4: Report of FillP — Data Link

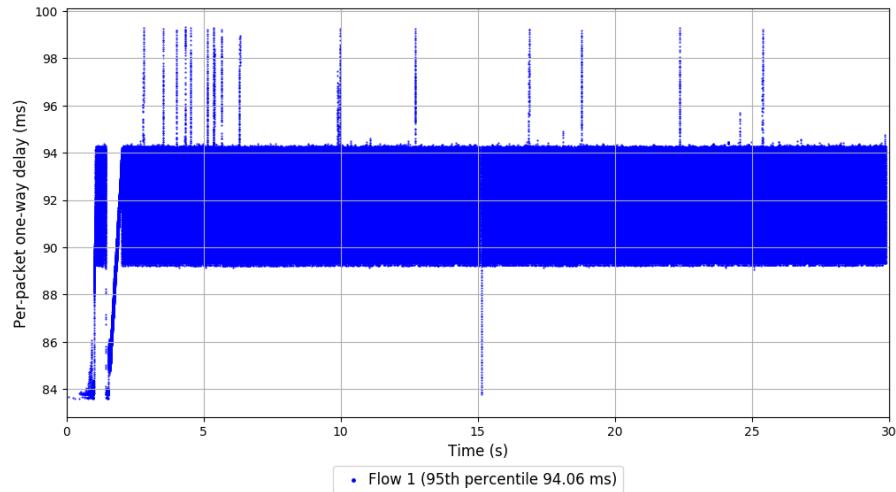
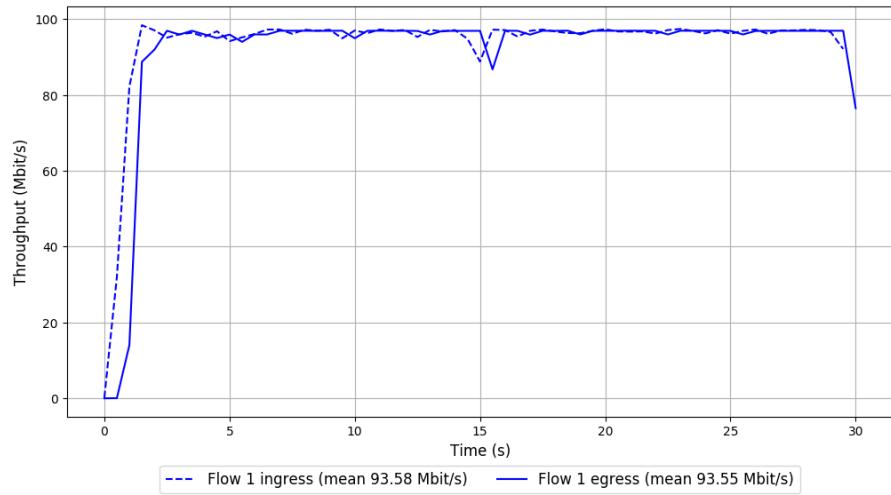


Run 5: Statistics of FillP

```
Start at: 2018-08-09 18:44:32
End at: 2018-08-09 18:45:02
Local clock offset: -8.054 ms
Remote clock offset: 4.476 ms

# Below is generated by plot.py at 2018-08-09 20:46:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.55 Mbit/s
95th percentile per-packet one-way delay: 94.057 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.55 Mbit/s
95th percentile per-packet one-way delay: 94.057 ms
Loss rate: 0.60%
```

Run 5: Report of FillP — Data Link

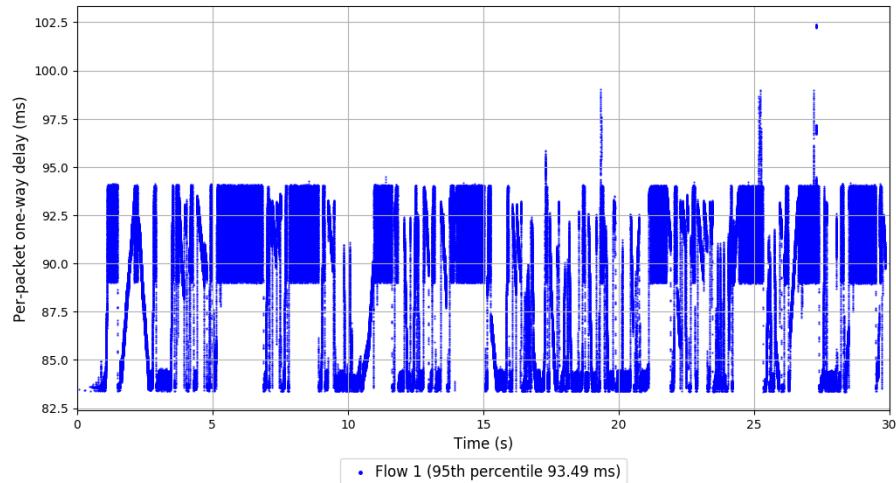
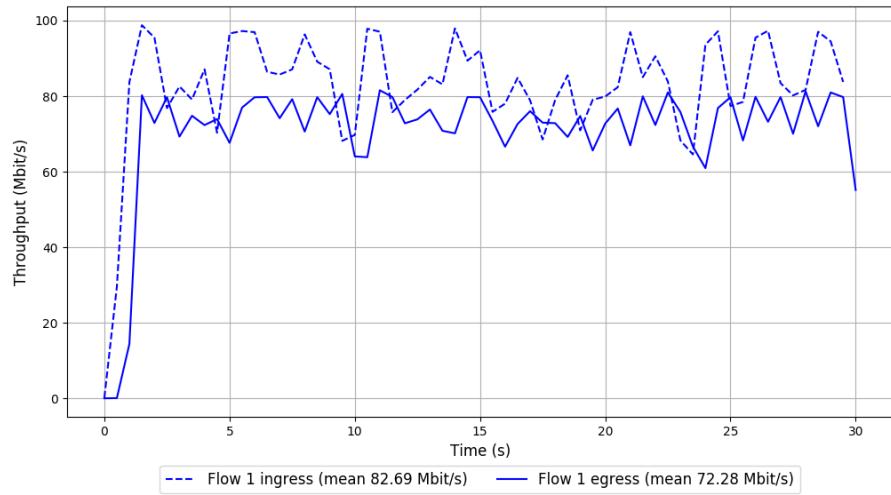


Run 6: Statistics of FillP

```
Start at: 2018-08-09 19:04:25
End at: 2018-08-09 19:04:55
Local clock offset: -2.719 ms
Remote clock offset: 4.579 ms

# Below is generated by plot.py at 2018-08-09 20:46:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.28 Mbit/s
95th percentile per-packet one-way delay: 93.487 ms
Loss rate: 13.06%
-- Flow 1:
Average throughput: 72.28 Mbit/s
95th percentile per-packet one-way delay: 93.487 ms
Loss rate: 13.06%
```

Run 6: Report of FillP — Data Link

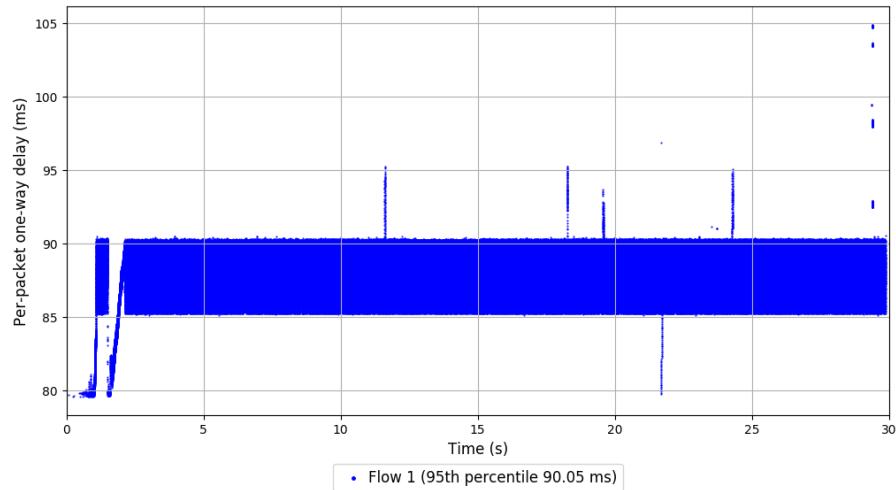
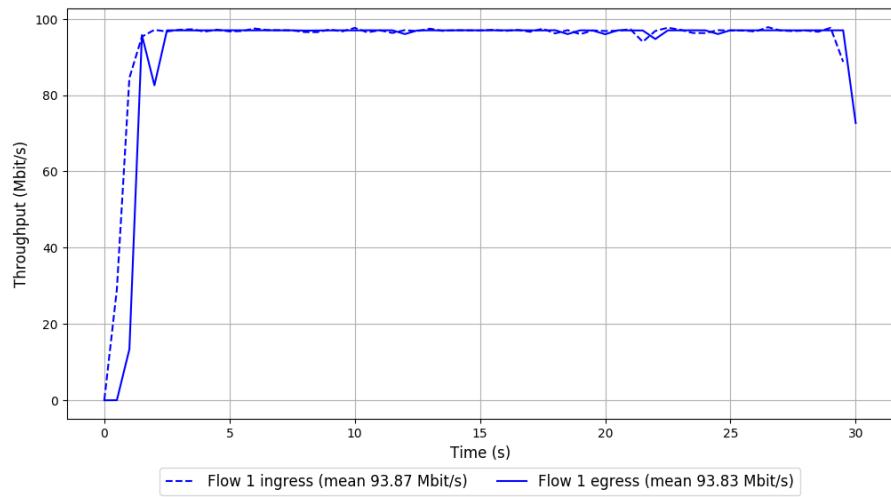


Run 7: Statistics of FillP

```
Start at: 2018-08-09 19:24:33
End at: 2018-08-09 19:25:03
Local clock offset: -2.755 ms
Remote clock offset: 7.283 ms

# Below is generated by plot.py at 2018-08-09 20:46:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 90.047 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 90.047 ms
Loss rate: 0.59%
```

Run 7: Report of FillP — Data Link

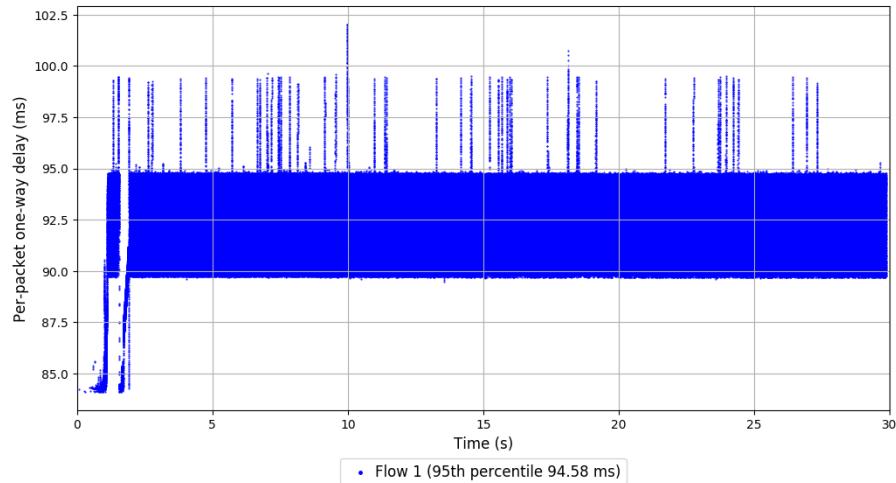
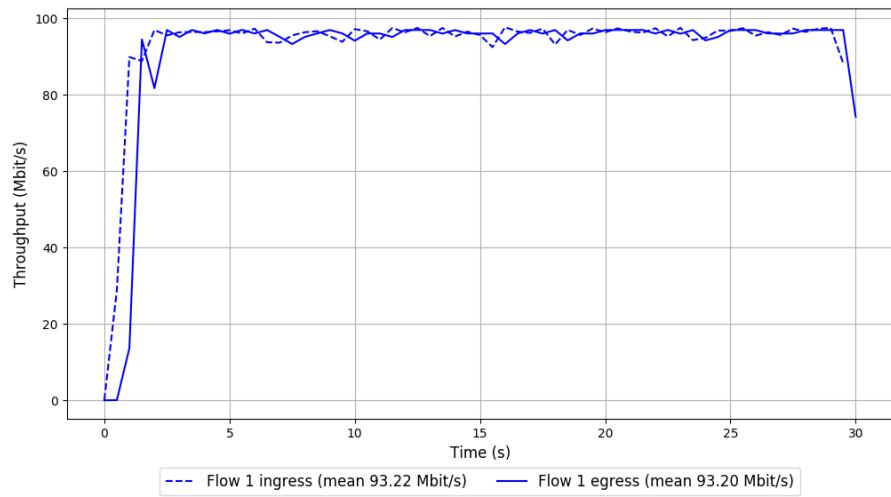


Run 8: Statistics of FillP

```
Start at: 2018-08-09 19:44:24
End at: 2018-08-09 19:44:54
Local clock offset: -2.719 ms
Remote clock offset: 3.47 ms

# Below is generated by plot.py at 2018-08-09 20:47:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 94.581 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 94.581 ms
Loss rate: 0.58%
```

Run 8: Report of FillP — Data Link

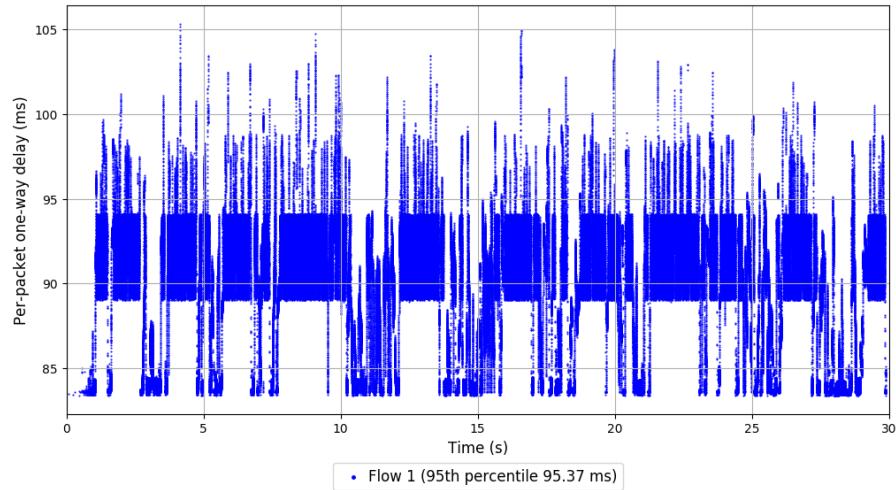
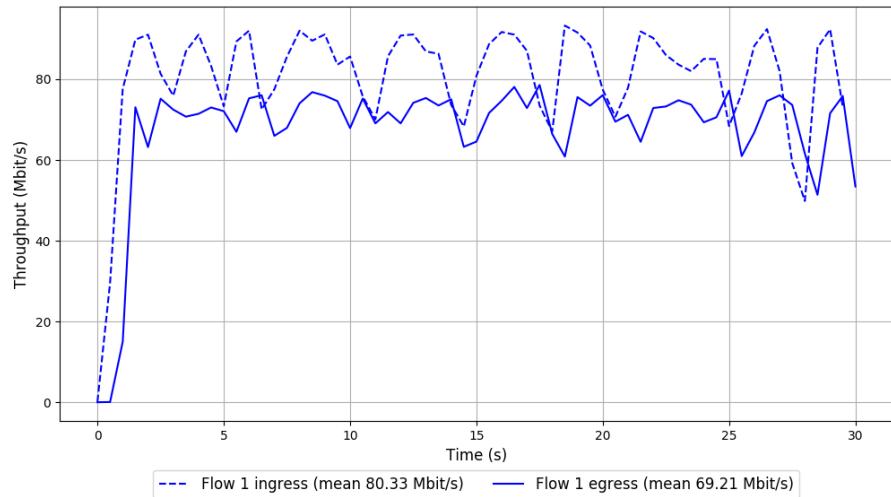


Run 9: Statistics of FillP

```
Start at: 2018-08-09 20:04:14
End at: 2018-08-09 20:04:44
Local clock offset: -1.94 ms
Remote clock offset: 3.126 ms

# Below is generated by plot.py at 2018-08-09 20:47:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.21 Mbit/s
95th percentile per-packet one-way delay: 95.374 ms
Loss rate: 14.32%
-- Flow 1:
Average throughput: 69.21 Mbit/s
95th percentile per-packet one-way delay: 95.374 ms
Loss rate: 14.32%
```

Run 9: Report of FillP — Data Link

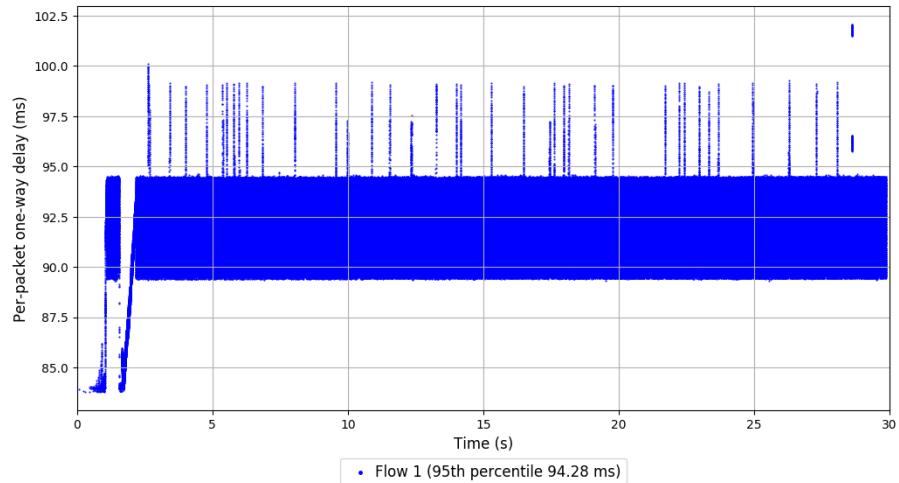
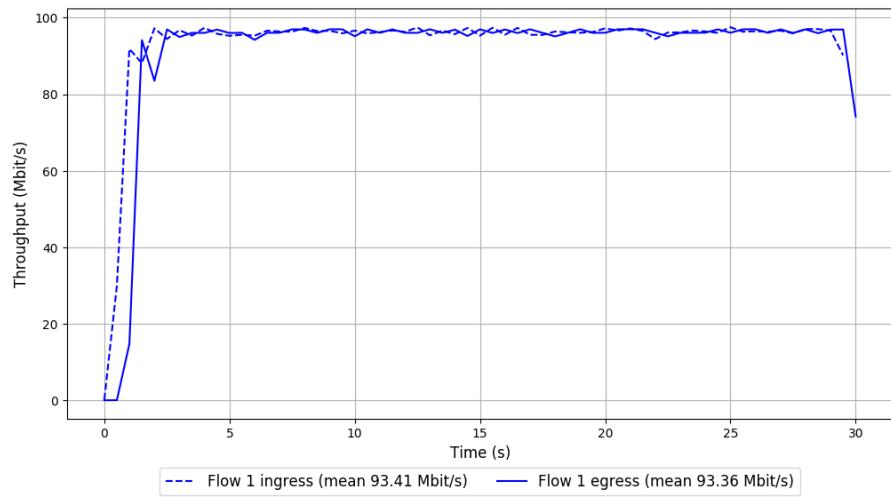


Run 10: Statistics of FillP

```
Start at: 2018-08-09 20:24:15
End at: 2018-08-09 20:24:45
Local clock offset: -2.997 ms
Remote clock offset: 2.386 ms

# Below is generated by plot.py at 2018-08-09 20:47:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 94.275 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 94.275 ms
Loss rate: 0.61%
```

Run 10: Report of FillP — Data Link

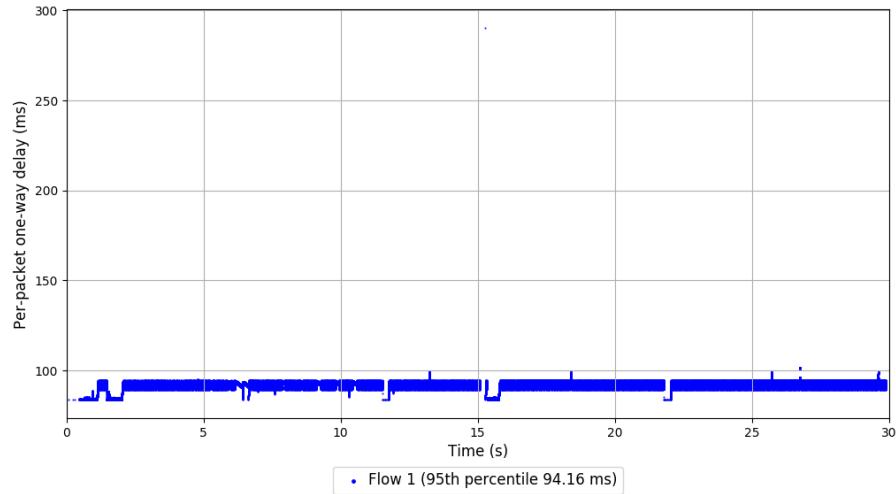
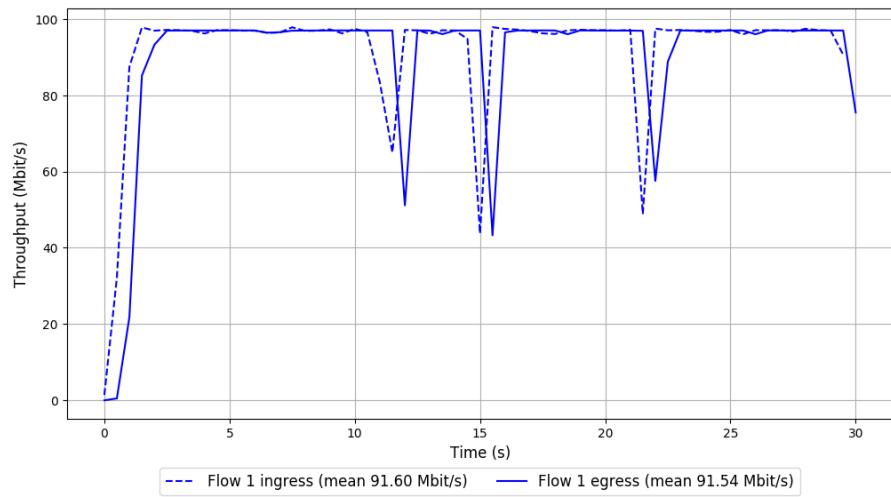


Run 1: Statistics of FillP-Sheep

```
Start at: 2018-08-09 17:32:20
End at: 2018-08-09 17:32:50
Local clock offset: -8.103 ms
Remote clock offset: 3.396 ms

# Below is generated by plot.py at 2018-08-09 20:47:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.54 Mbit/s
95th percentile per-packet one-way delay: 94.162 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 91.54 Mbit/s
95th percentile per-packet one-way delay: 94.162 ms
Loss rate: 0.61%
```

Run 1: Report of FillP-Sheep — Data Link

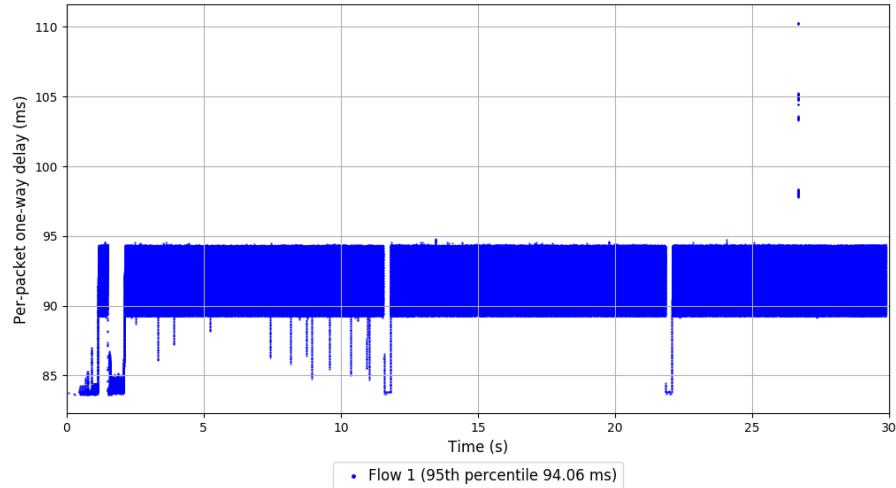
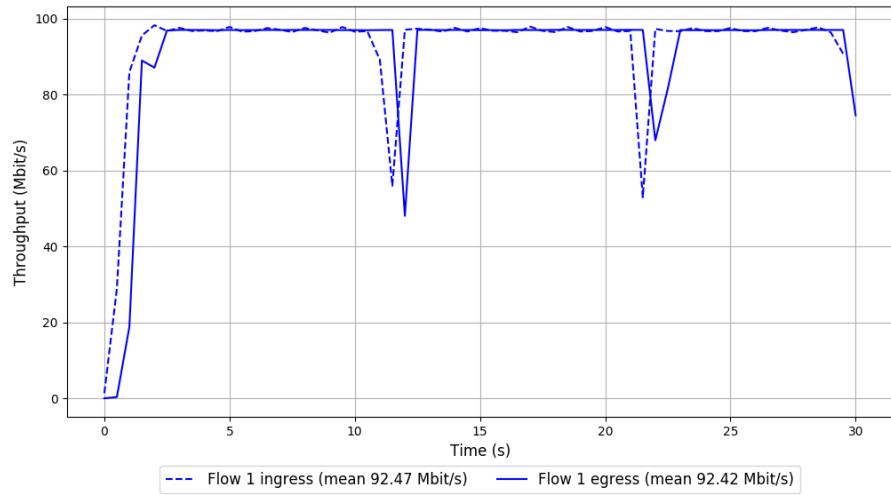


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-08-09 17:52:09
End at: 2018-08-09 17:52:39
Local clock offset: -8.019 ms
Remote clock offset: 4.703 ms

# Below is generated by plot.py at 2018-08-09 20:48:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: 94.057 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: 94.057 ms
Loss rate: 0.61%
```

Run 2: Report of FillP-Sheep — Data Link

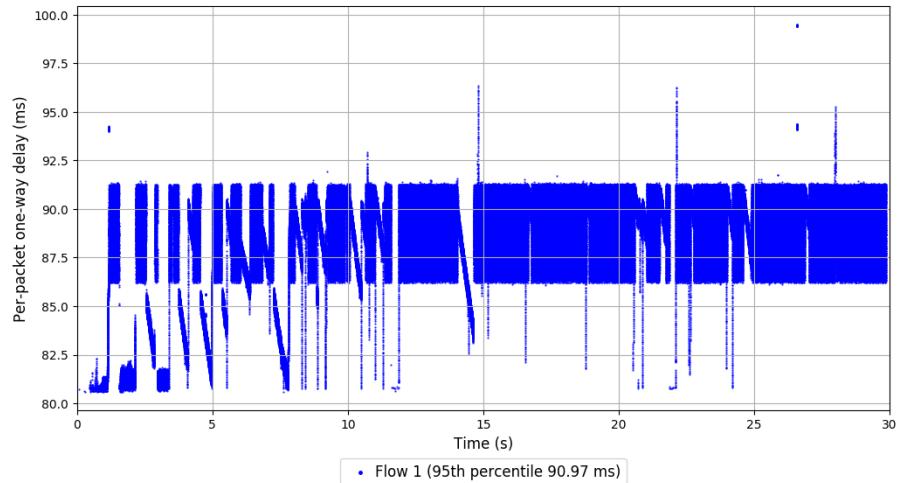
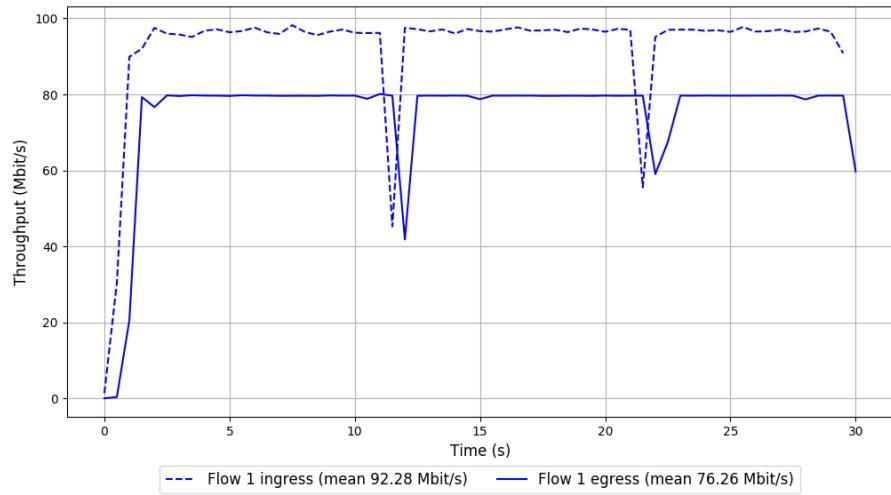


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-08-09 18:11:57
End at: 2018-08-09 18:12:27
Local clock offset: -8.055 ms
Remote clock offset: 7.783 ms

# Below is generated by plot.py at 2018-08-09 20:48:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.26 Mbit/s
95th percentile per-packet one-way delay: 90.968 ms
Loss rate: 17.83%
-- Flow 1:
Average throughput: 76.26 Mbit/s
95th percentile per-packet one-way delay: 90.968 ms
Loss rate: 17.83%
```

Run 3: Report of FillP-Sheep — Data Link

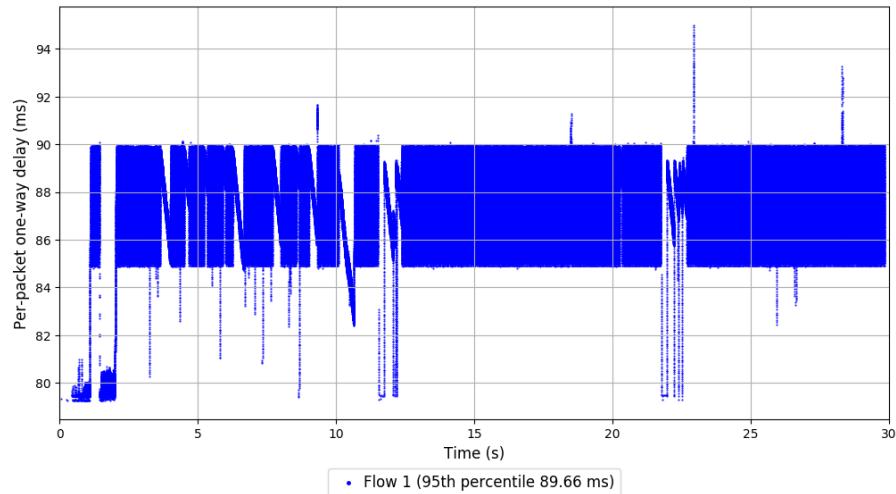
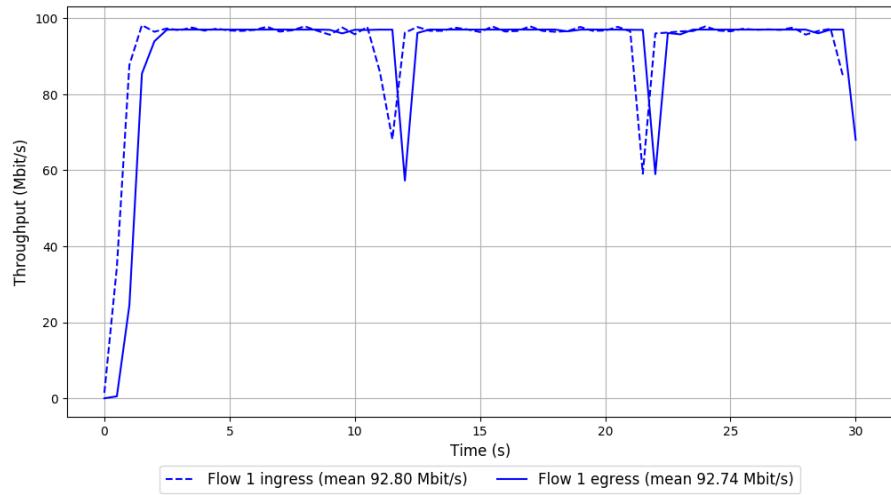


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-08-09 18:31:50
End at: 2018-08-09 18:32:20
Local clock offset: -7.993 ms
Remote clock offset: 9.055 ms

# Below is generated by plot.py at 2018-08-09 20:48:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.74 Mbit/s
95th percentile per-packet one-way delay: 89.660 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 92.74 Mbit/s
95th percentile per-packet one-way delay: 89.660 ms
Loss rate: 0.62%
```

Run 4: Report of FillP-Sheep — Data Link

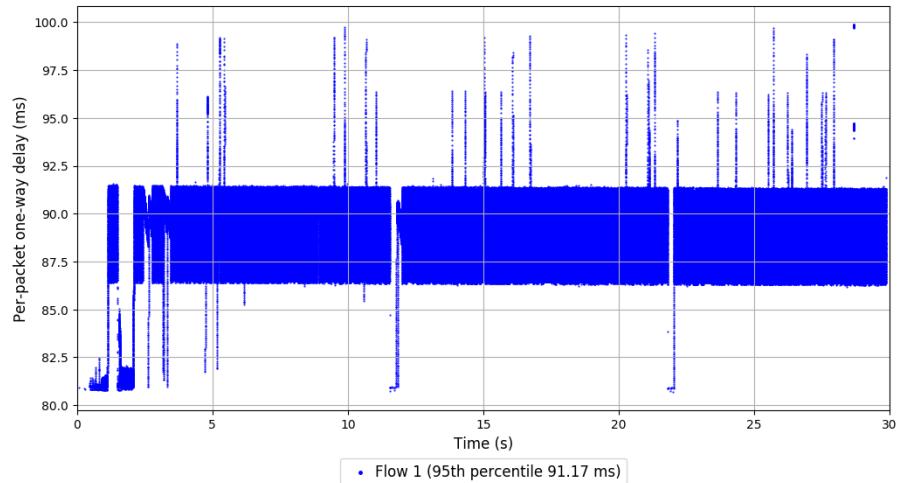
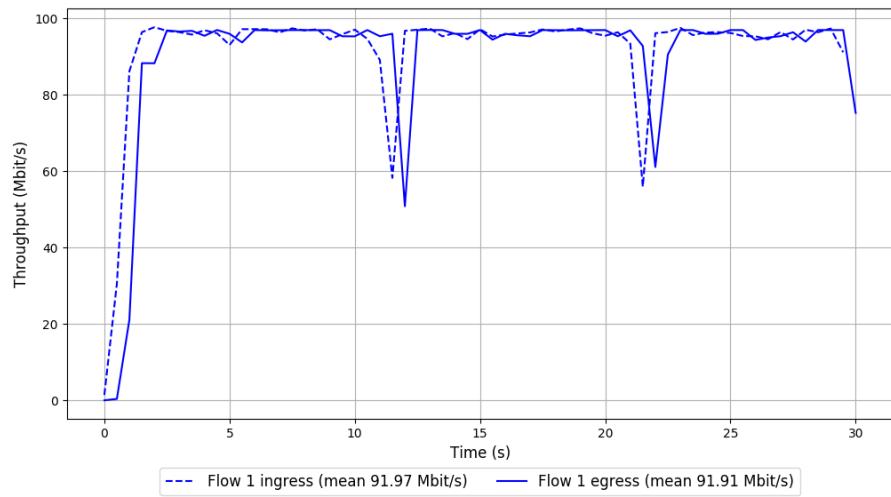


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-08-09 18:51:40
End at: 2018-08-09 18:52:10
Local clock offset: -5.367 ms
Remote clock offset: 8.228 ms

# Below is generated by plot.py at 2018-08-09 20:48:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 91.173 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 91.173 ms
Loss rate: 0.60%
```

Run 5: Report of FillP-Sheep — Data Link

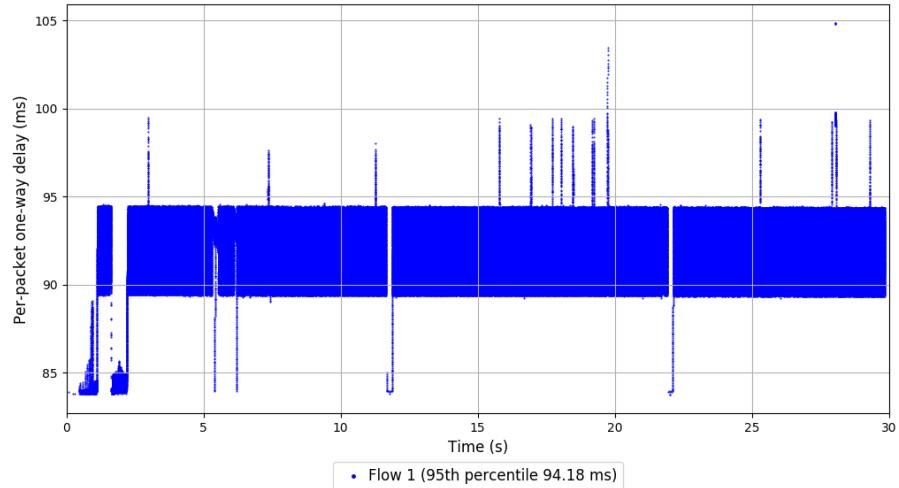
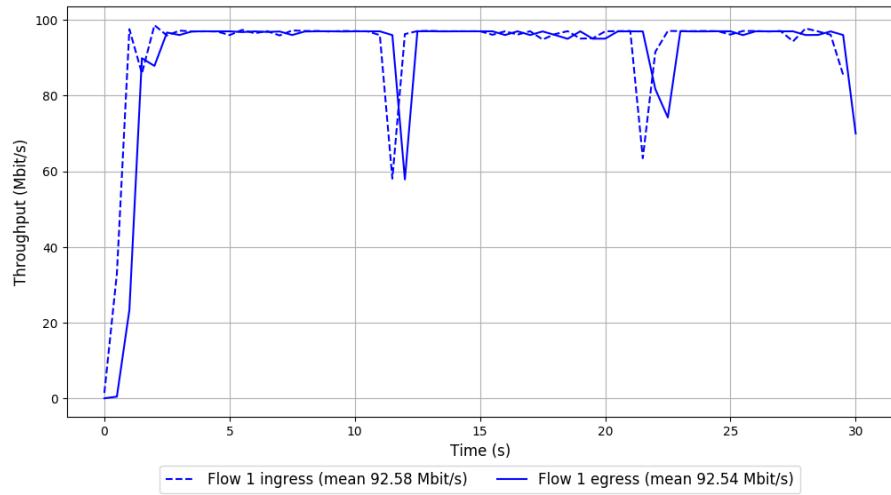


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-08-09 19:11:51
End at: 2018-08-09 19:12:21
Local clock offset: -2.049 ms
Remote clock offset: 4.19 ms

# Below is generated by plot.py at 2018-08-09 20:48:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 94.177 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 94.177 ms
Loss rate: 0.61%
```

Run 6: Report of FillP-Sheep — Data Link

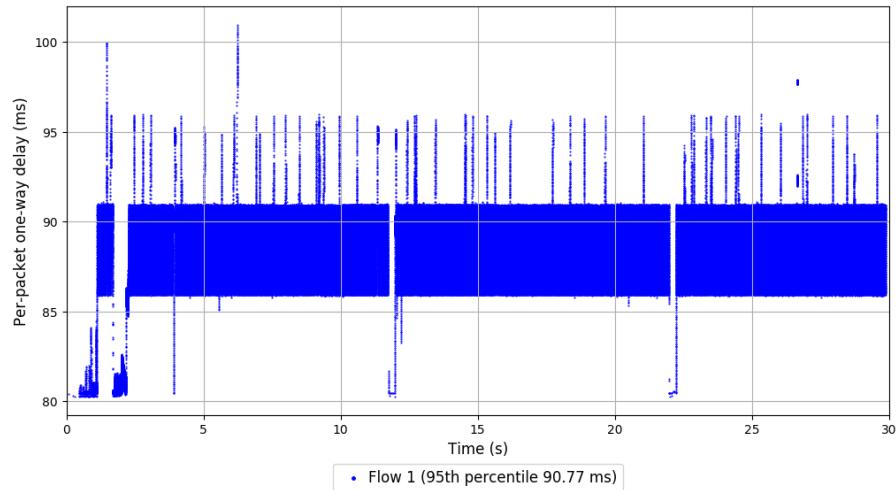
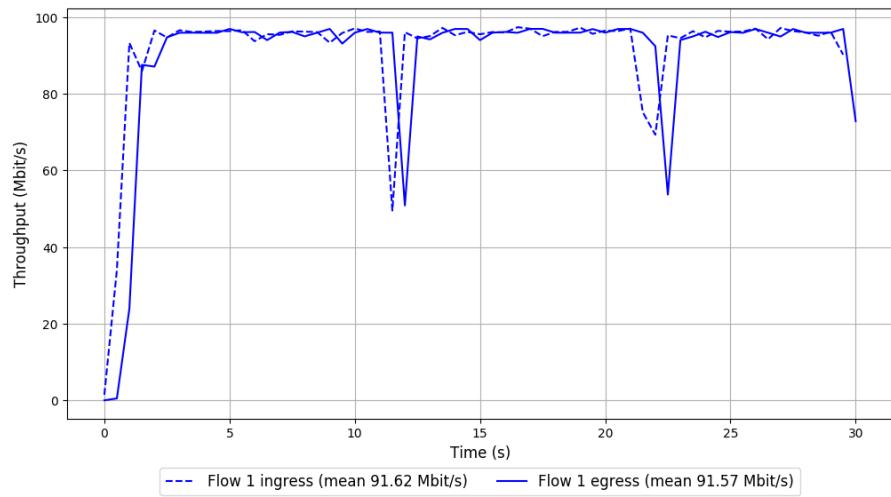


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-08-09 19:31:41
End at: 2018-08-09 19:32:11
Local clock offset: -2.942 ms
Remote clock offset: 7.273 ms

# Below is generated by plot.py at 2018-08-09 20:48:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 90.765 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 90.765 ms
Loss rate: 0.61%
```

Run 7: Report of FillP-Sheep — Data Link

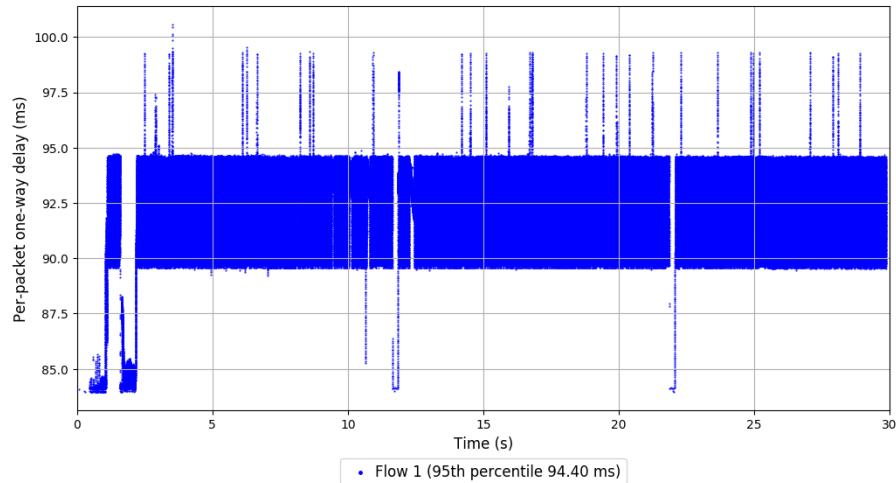
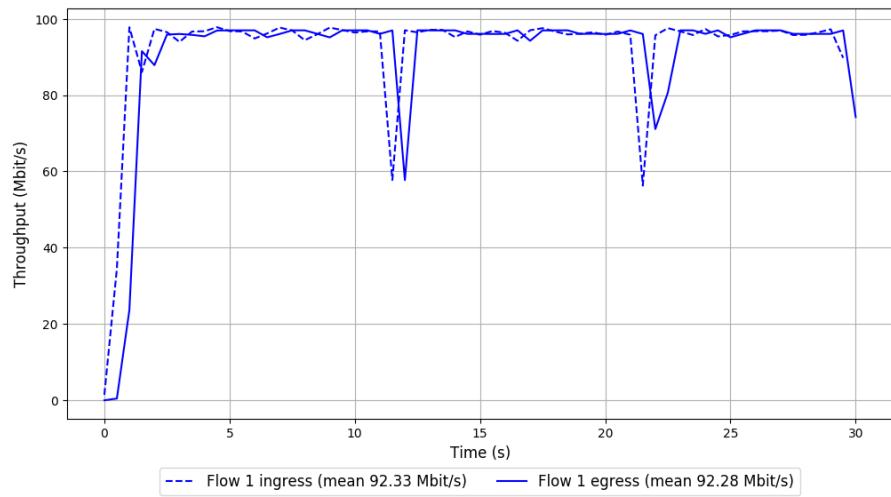


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-08-09 19:51:30
End at: 2018-08-09 19:52:00
Local clock offset: -2.433 ms
Remote clock offset: 3.416 ms

# Below is generated by plot.py at 2018-08-09 20:49:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 94.398 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 94.398 ms
Loss rate: 0.61%
```

Run 8: Report of FillP-Sheep — Data Link

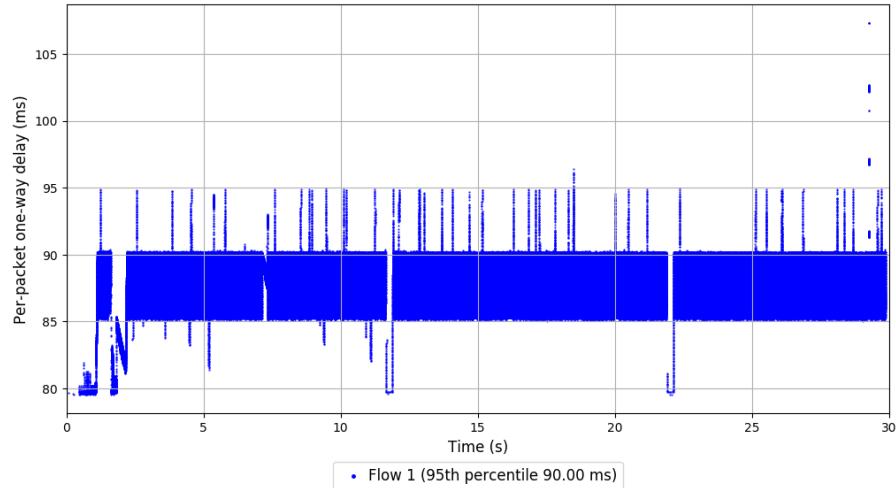
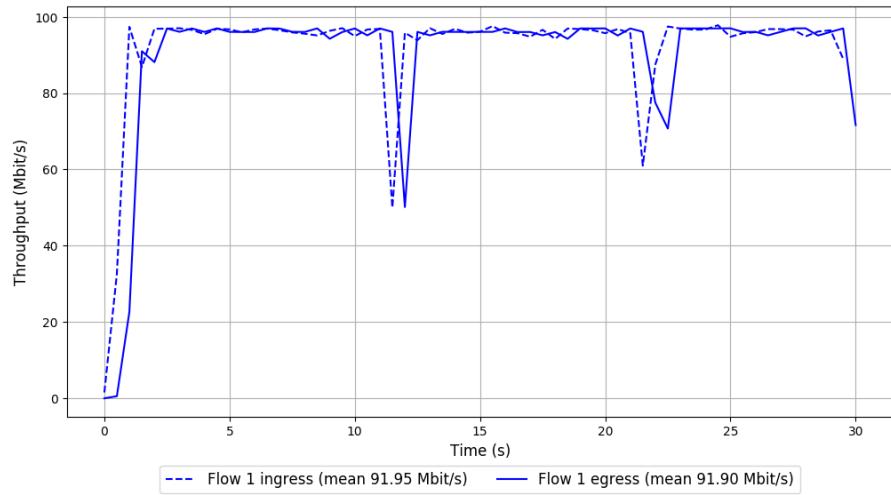


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-08-09 20:11:31
End at: 2018-08-09 20:12:01
Local clock offset: -1.673 ms
Remote clock offset: 6.125 ms

# Below is generated by plot.py at 2018-08-09 20:49:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 90.001 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 90.001 ms
Loss rate: 0.61%
```

Run 9: Report of FillP-Sheep — Data Link

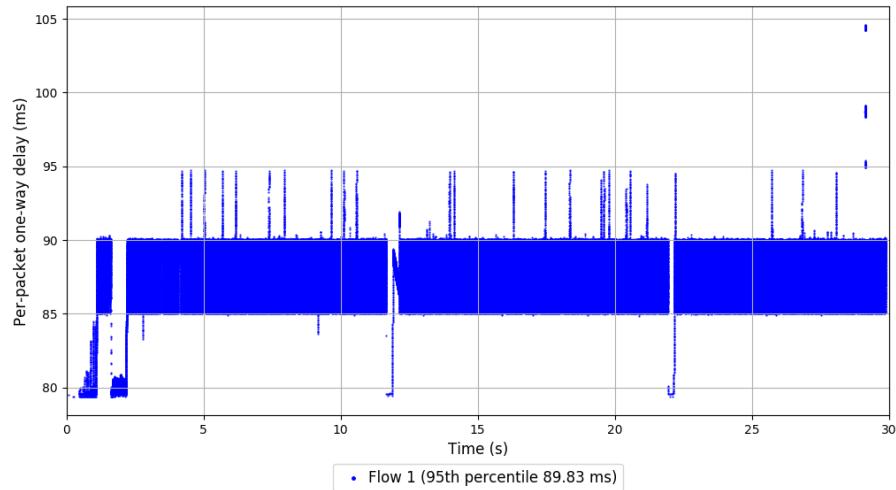
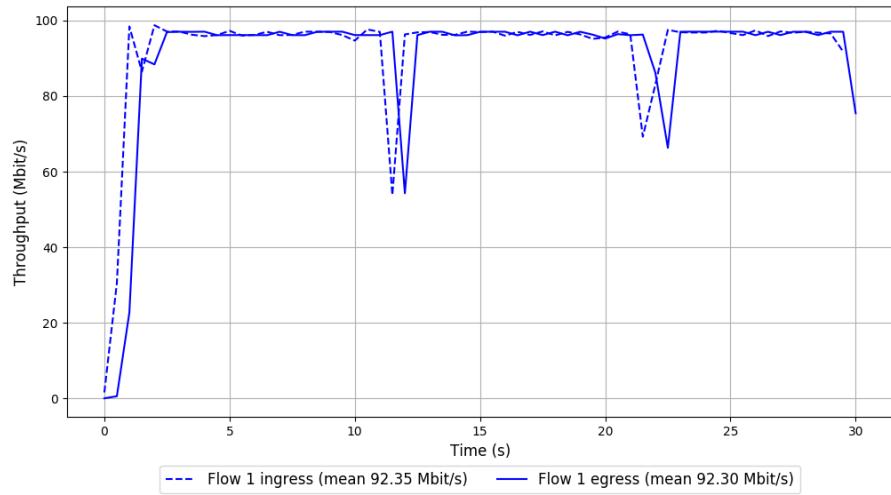


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-08-09 20:31:25
End at: 2018-08-09 20:31:55
Local clock offset: -3.443 ms
Remote clock offset: 6.089 ms

# Below is generated by plot.py at 2018-08-09 20:49:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 89.834 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 89.834 ms
Loss rate: 0.60%
```

Run 10: Report of FillP-Sheep — Data Link

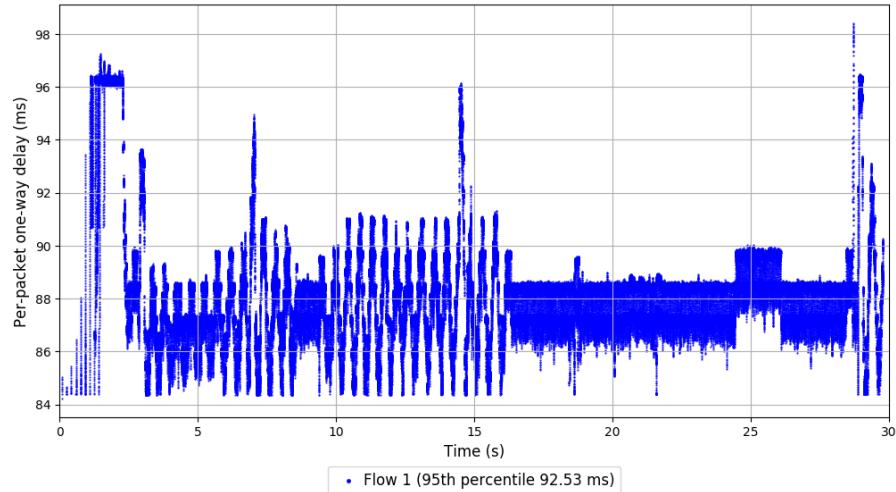
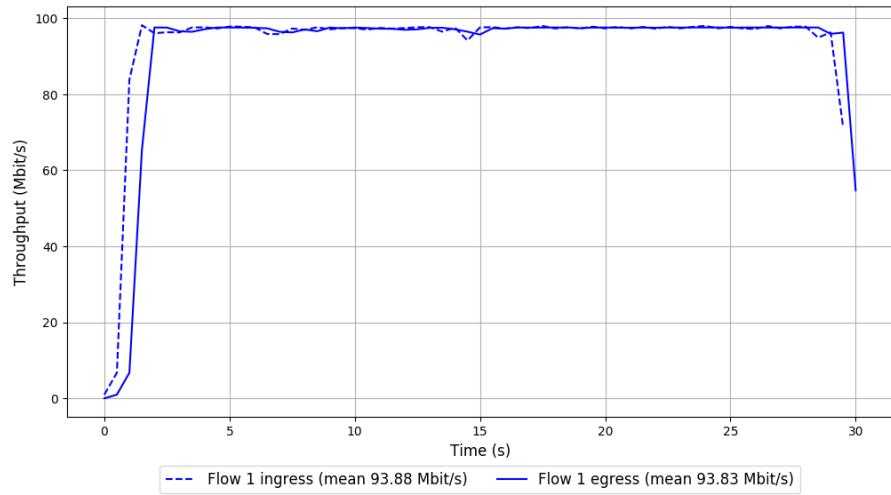


Run 1: Statistics of Indigo

```
Start at: 2018-08-09 17:39:13
End at: 2018-08-09 17:39:43
Local clock offset: -8.066 ms
Remote clock offset: 4.089 ms

# Below is generated by plot.py at 2018-08-09 20:49:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 92.534 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 92.534 ms
Loss rate: 0.60%
```

Run 1: Report of Indigo — Data Link

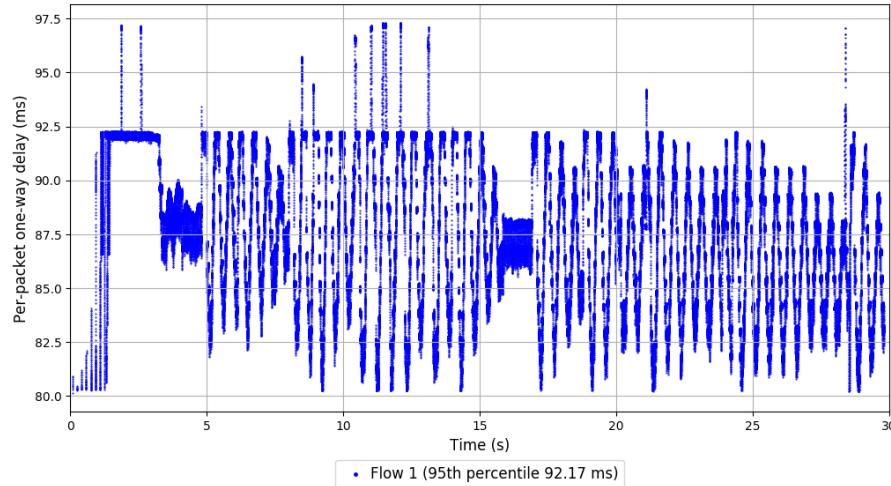
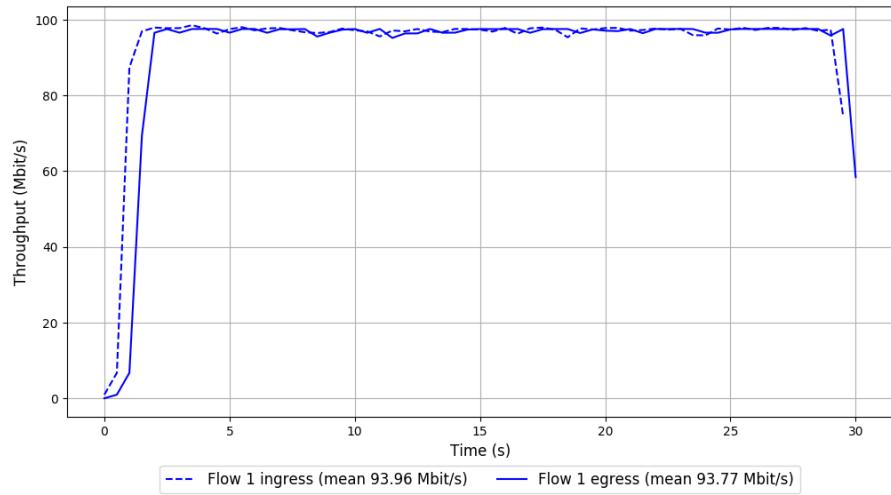


Run 2: Statistics of Indigo

```
Start at: 2018-08-09 17:59:02
End at: 2018-08-09 17:59:32
Local clock offset: -7.983 ms
Remote clock offset: 7.71 ms

# Below is generated by plot.py at 2018-08-09 20:49:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 92.166 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 92.166 ms
Loss rate: 0.76%
```

Run 2: Report of Indigo — Data Link

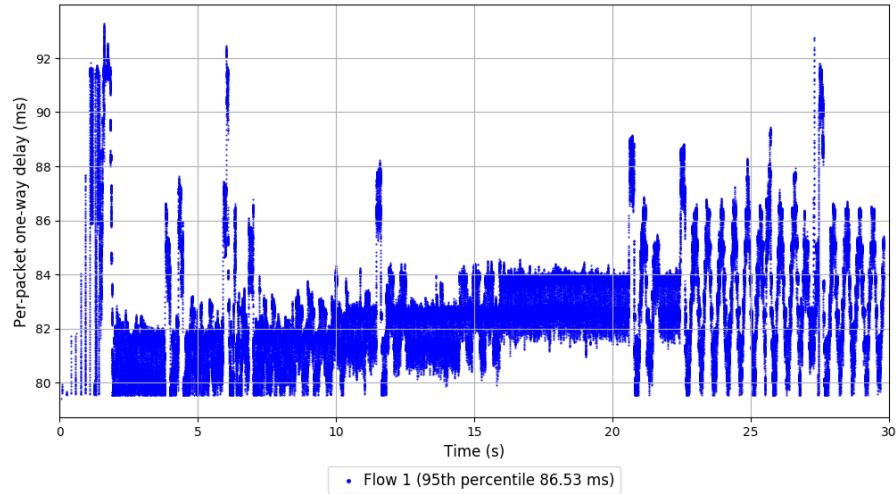
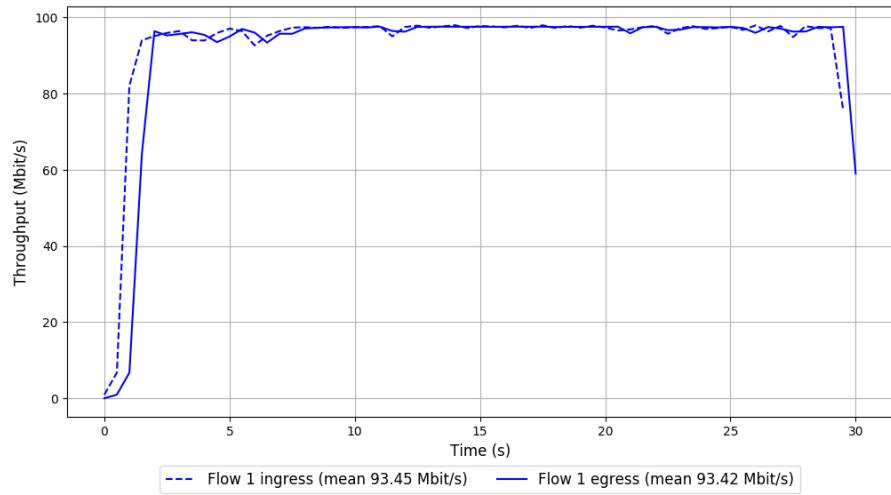


Run 3: Statistics of Indigo

```
Start at: 2018-08-09 18:18:51
End at: 2018-08-09 18:19:21
Local clock offset: -8.089 ms
Remote clock offset: 8.276 ms

# Below is generated by plot.py at 2018-08-09 20:49:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: 86.527 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: 86.527 ms
Loss rate: 0.59%
```

Run 3: Report of Indigo — Data Link

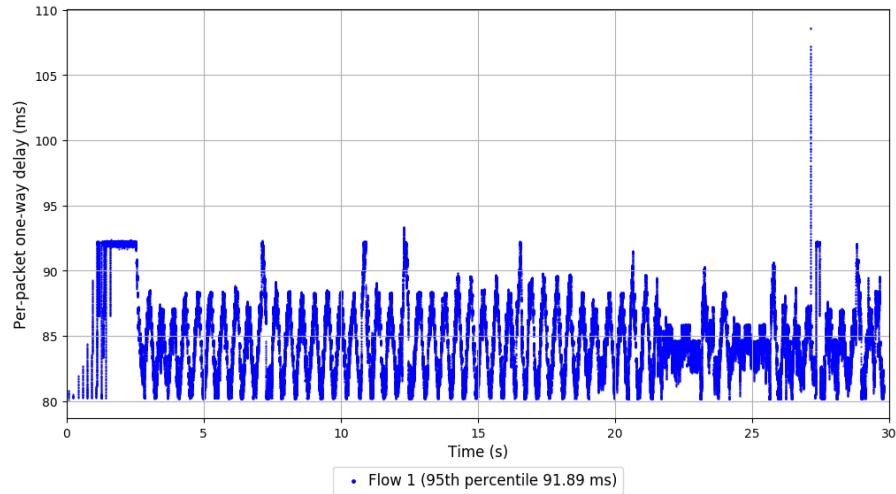
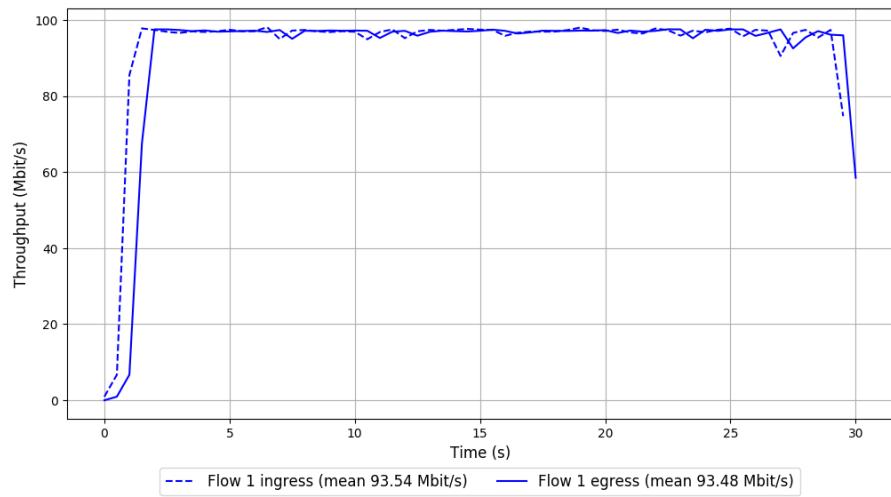


Run 4: Statistics of Indigo

```
Start at: 2018-08-09 18:38:43
End at: 2018-08-09 18:39:13
Local clock offset: -8.027 ms
Remote clock offset: 7.883 ms

# Below is generated by plot.py at 2018-08-09 20:49:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 91.895 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 91.895 ms
Loss rate: 0.62%
```

Run 4: Report of Indigo — Data Link

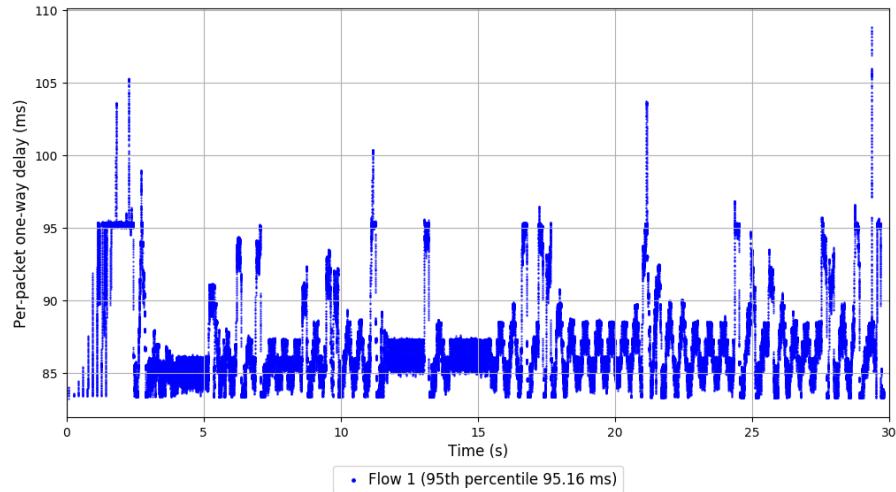
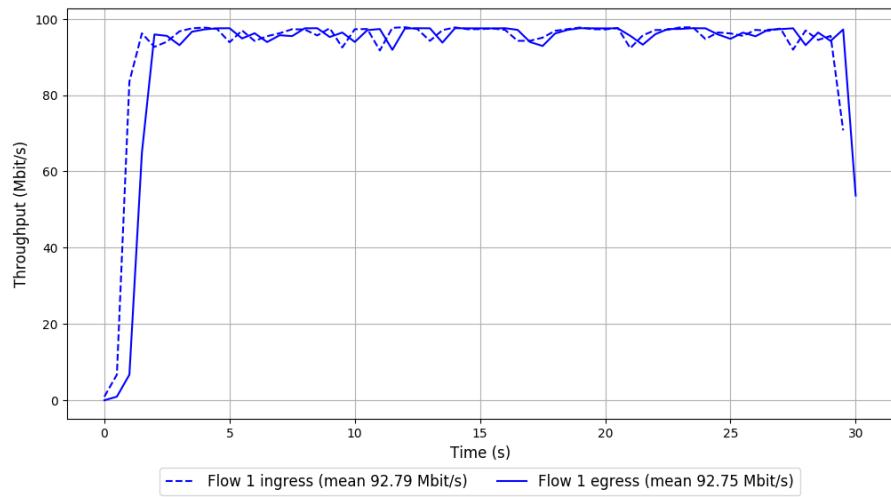


Run 5: Statistics of Indigo

```
Start at: 2018-08-09 18:58:34
End at: 2018-08-09 18:59:04
Local clock offset: -3.632 ms
Remote clock offset: 4.894 ms

# Below is generated by plot.py at 2018-08-09 20:50:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 95.157 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 95.157 ms
Loss rate: 0.59%
```

Run 5: Report of Indigo — Data Link

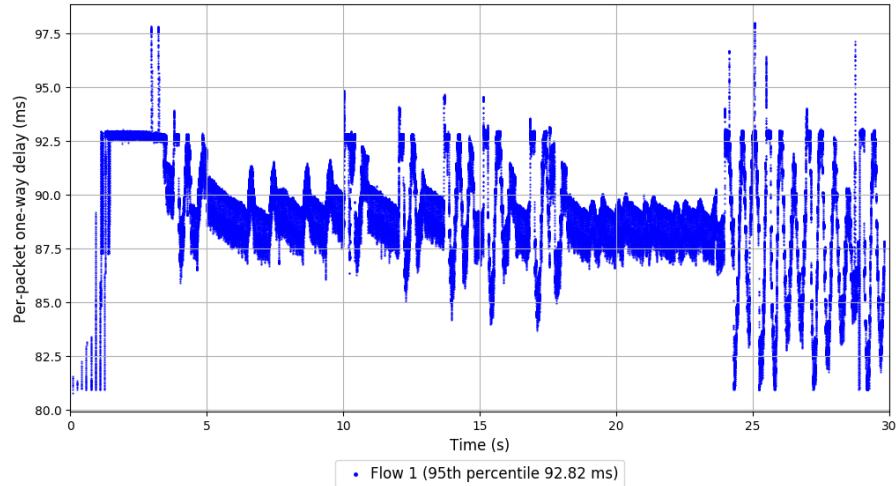
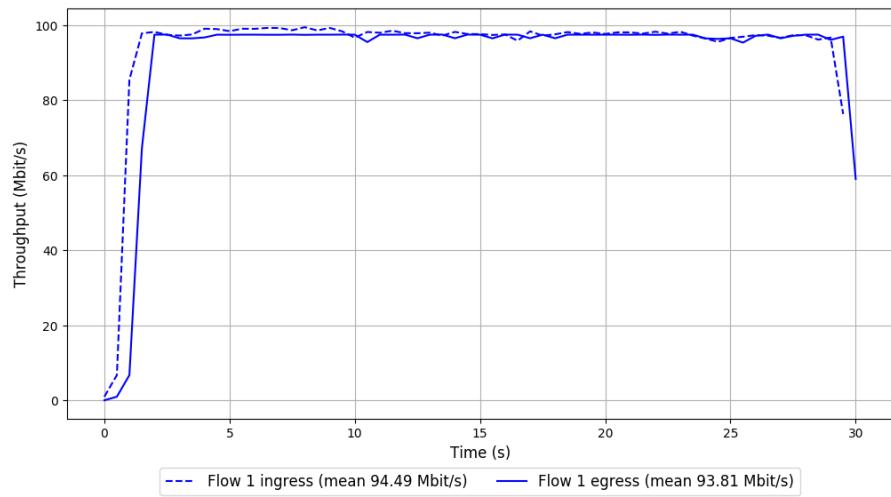


Run 6: Statistics of Indigo

```
Start at: 2018-08-09 19:18:45
End at: 2018-08-09 19:19:15
Local clock offset: -2.184 ms
Remote clock offset: 7.341 ms

# Below is generated by plot.py at 2018-08-09 20:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.81 Mbit/s
95th percentile per-packet one-way delay: 92.819 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 93.81 Mbit/s
95th percentile per-packet one-way delay: 92.819 ms
Loss rate: 1.27%
```

Run 6: Report of Indigo — Data Link

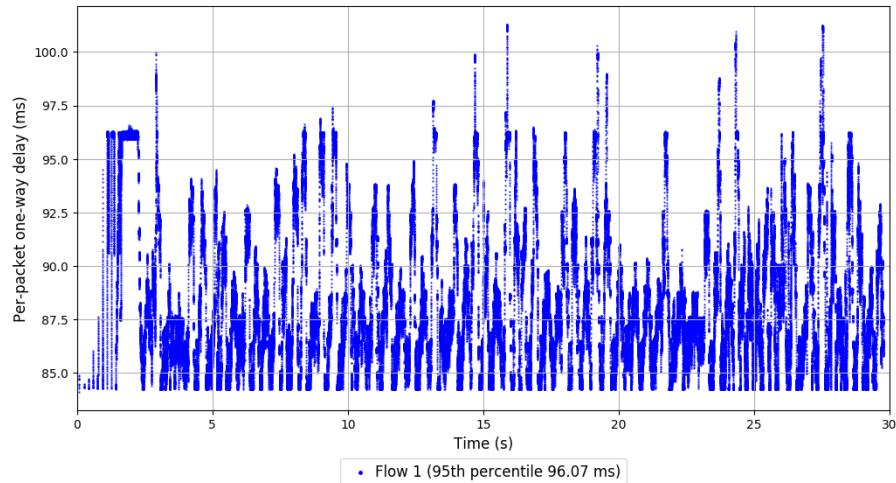
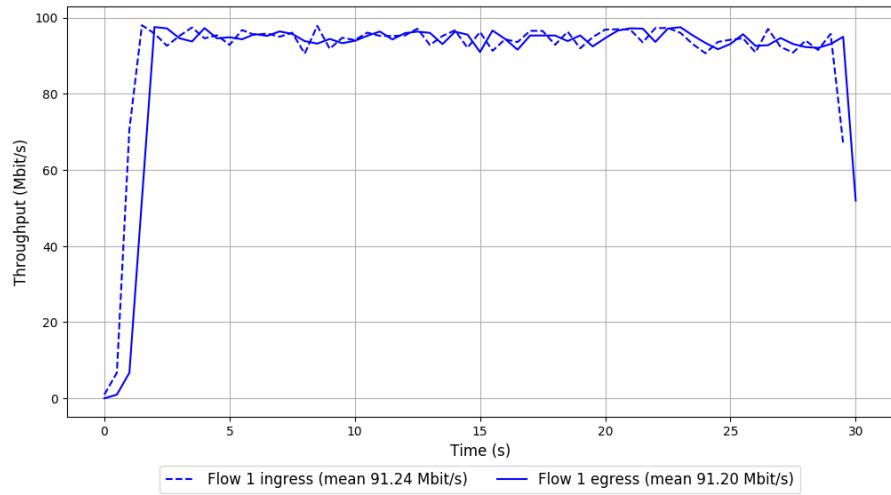


Run 7: Statistics of Indigo

```
Start at: 2018-08-09 19:38:34
End at: 2018-08-09 19:39:04
Local clock offset: -2.851 ms
Remote clock offset: 3.454 ms

# Below is generated by plot.py at 2018-08-09 20:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.20 Mbit/s
95th percentile per-packet one-way delay: 96.070 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 91.20 Mbit/s
95th percentile per-packet one-way delay: 96.070 ms
Loss rate: 0.60%
```

Run 7: Report of Indigo — Data Link

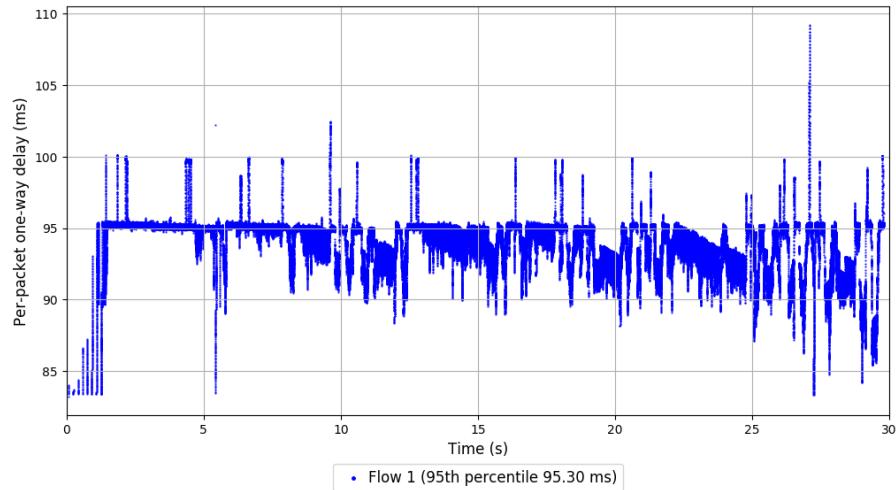
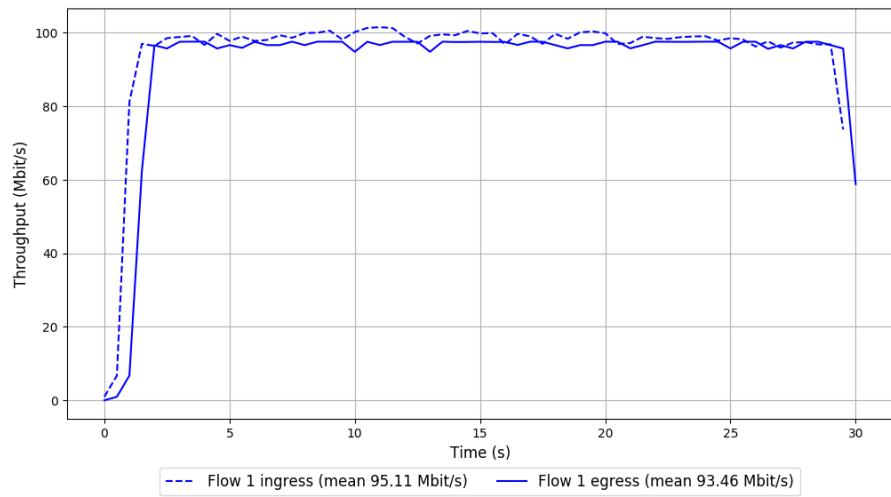


Run 8: Statistics of Indigo

```
Start at: 2018-08-09 19:58:24
End at: 2018-08-09 19:58:54
Local clock offset: -2.163 ms
Remote clock offset: 3.256 ms

# Below is generated by plot.py at 2018-08-09 20:50:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.46 Mbit/s
95th percentile per-packet one-way delay: 95.296 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 93.46 Mbit/s
95th percentile per-packet one-way delay: 95.296 ms
Loss rate: 2.27%
```

Run 8: Report of Indigo — Data Link

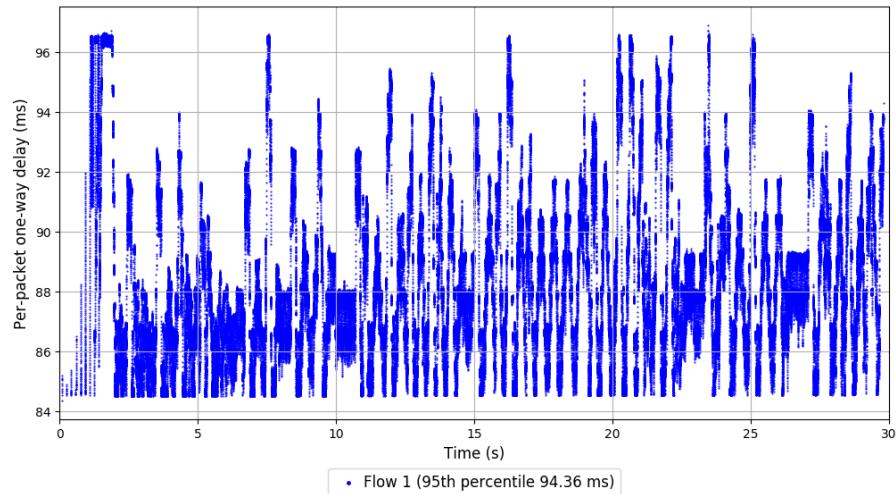
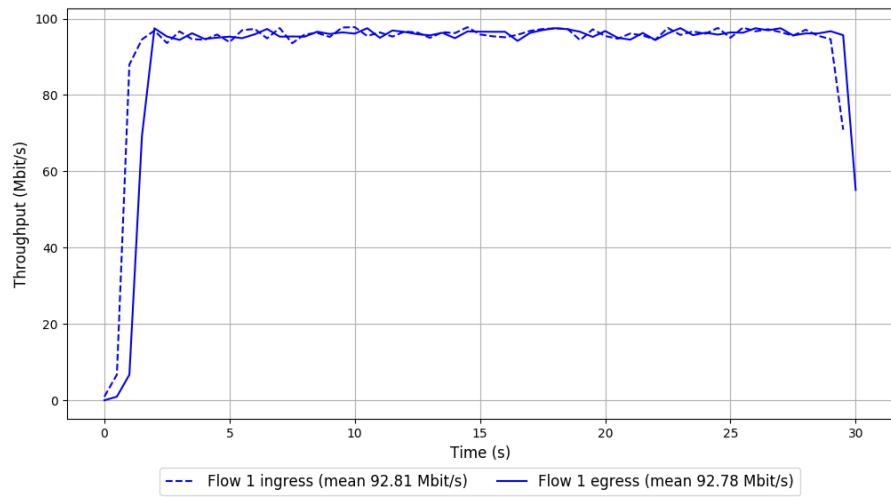


Run 9: Statistics of Indigo

```
Start at: 2018-08-09 20:18:24
End at: 2018-08-09 20:18:54
Local clock offset: -2.202 ms
Remote clock offset: 2.463 ms

# Below is generated by plot.py at 2018-08-09 20:50:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.78 Mbit/s
95th percentile per-packet one-way delay: 94.357 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 92.78 Mbit/s
95th percentile per-packet one-way delay: 94.357 ms
Loss rate: 0.58%
```

Run 9: Report of Indigo — Data Link

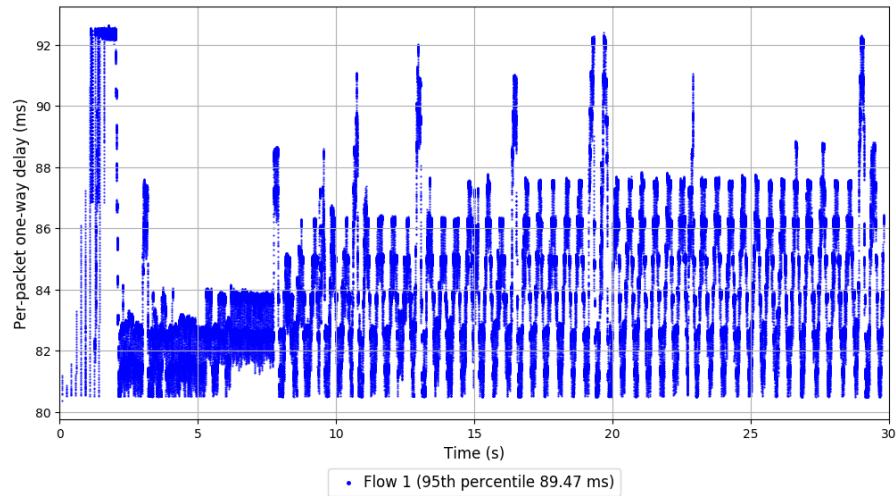
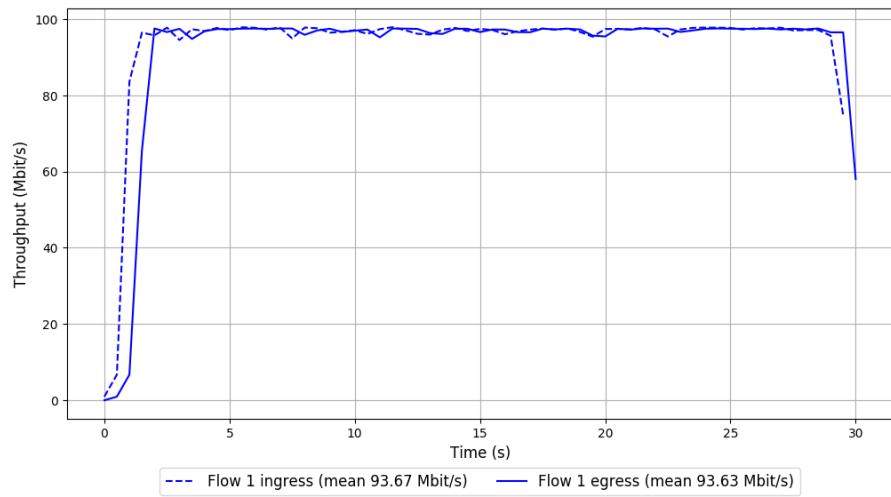


Run 10: Statistics of Indigo

```
Start at: 2018-08-09 20:38:19
End at: 2018-08-09 20:38:49
Local clock offset: -3.622 ms
Remote clock offset: 5.425 ms

# Below is generated by plot.py at 2018-08-09 20:50:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 89.473 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 89.473 ms
Loss rate: 0.60%
```

Run 10: Report of Indigo — Data Link

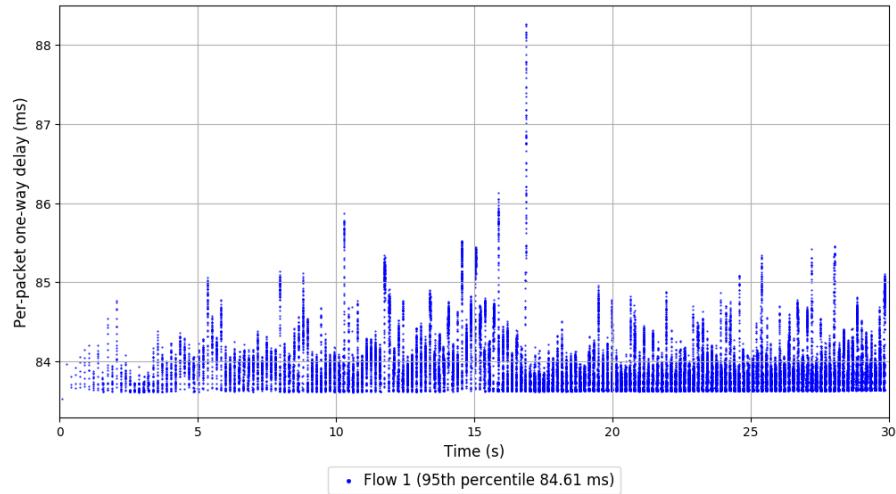
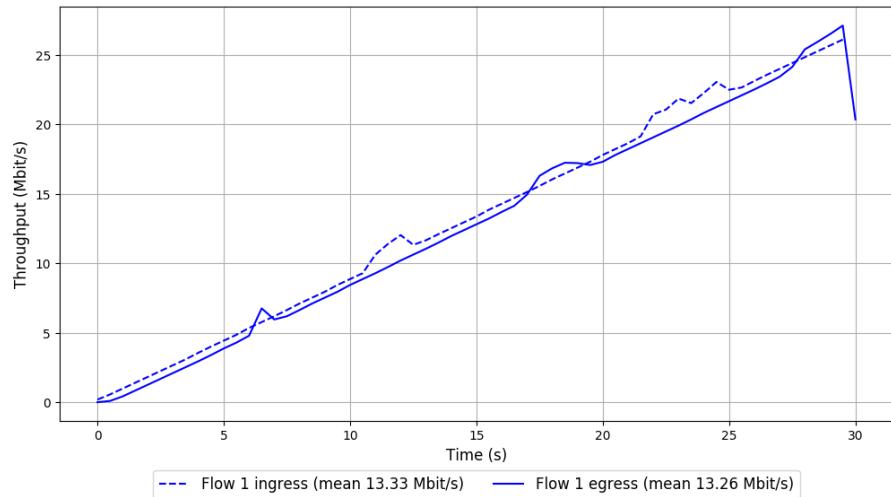


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2018-08-09 17:35:49
End at: 2018-08-09 17:36:19
Local clock offset: -8.032 ms
Remote clock offset: 3.391 ms

# Below is generated by plot.py at 2018-08-09 20:50:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.26 Mbit/s
95th percentile per-packet one-way delay: 84.605 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 13.26 Mbit/s
95th percentile per-packet one-way delay: 84.605 ms
Loss rate: 1.10%
```

Run 1: Report of LEDBAT — Data Link

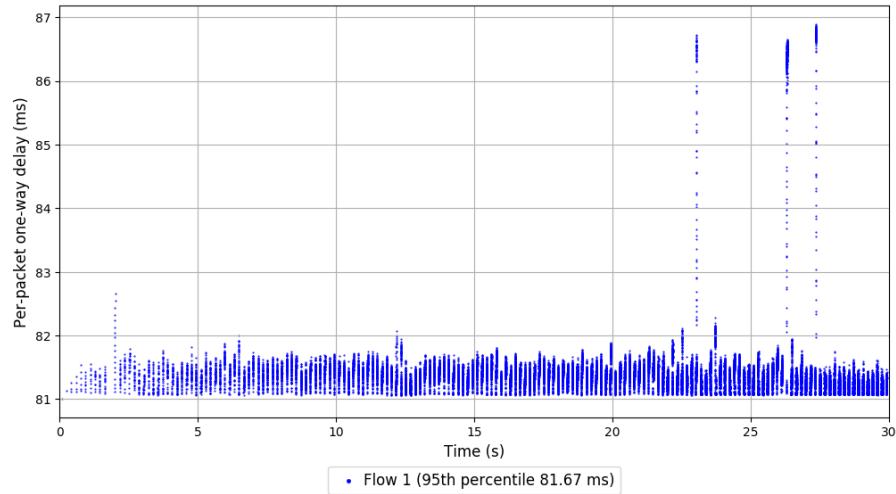
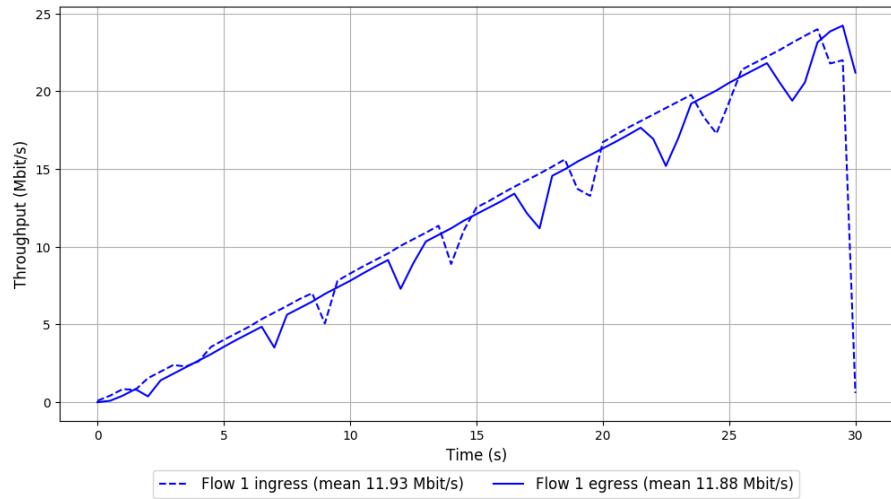


Run 2: Statistics of LEDBAT

```
Start at: 2018-08-09 17:55:38
End at: 2018-08-09 17:56:08
Local clock offset: -8.024 ms
Remote clock offset: 7.797 ms

# Below is generated by plot.py at 2018-08-09 20:50:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.88 Mbit/s
95th percentile per-packet one-way delay: 81.665 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 11.88 Mbit/s
95th percentile per-packet one-way delay: 81.665 ms
Loss rate: 0.98%
```

Run 2: Report of LEDBAT — Data Link

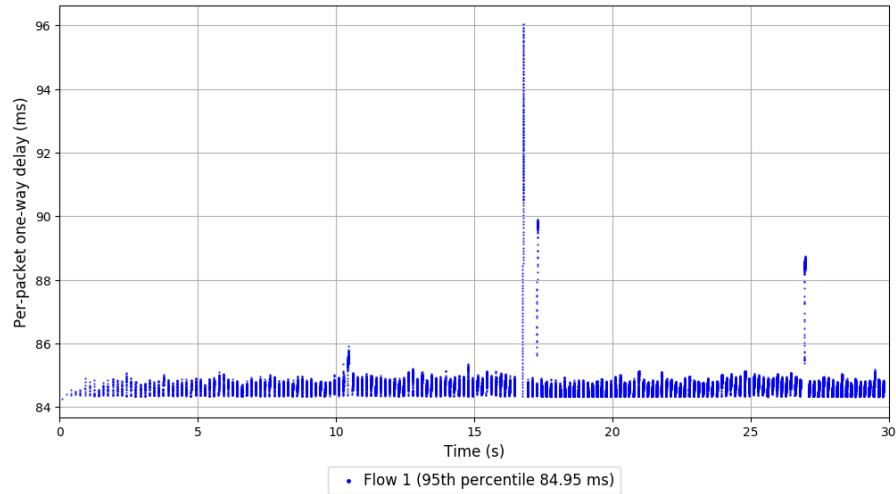
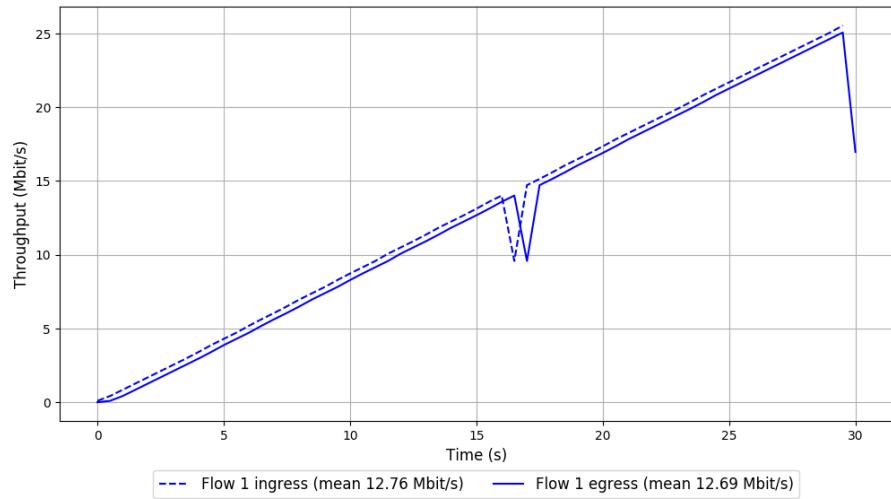


Run 3: Statistics of LEDBAT

```
Start at: 2018-08-09 18:15:27
End at: 2018-08-09 18:15:57
Local clock offset: -8.177 ms
Remote clock offset: 4.433 ms

# Below is generated by plot.py at 2018-08-09 20:50:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 84.951 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 84.951 ms
Loss rate: 1.12%
```

Run 3: Report of LEDBAT — Data Link

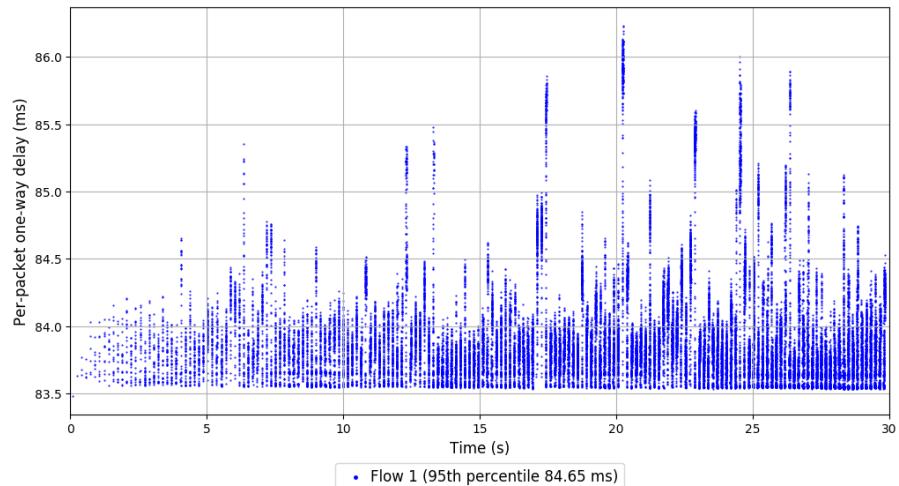
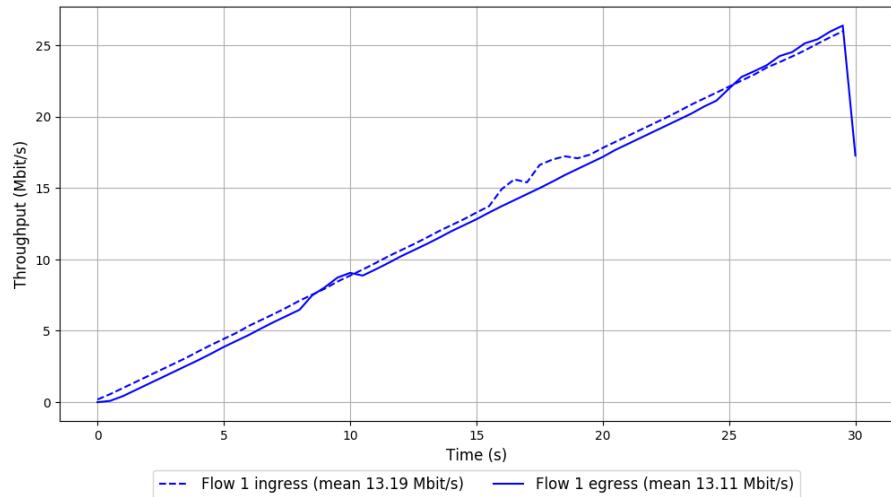


Run 4: Statistics of LEDBAT

```
Start at: 2018-08-09 18:35:19
End at: 2018-08-09 18:35:49
Local clock offset: -8.077 ms
Remote clock offset: 4.705 ms

# Below is generated by plot.py at 2018-08-09 20:50:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 84.651 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 84.651 ms
Loss rate: 1.10%
```

Run 4: Report of LEDBAT — Data Link

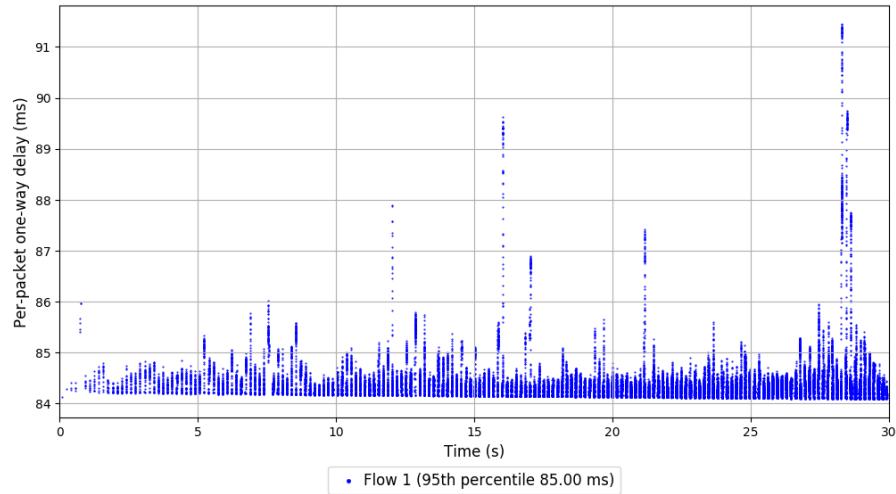
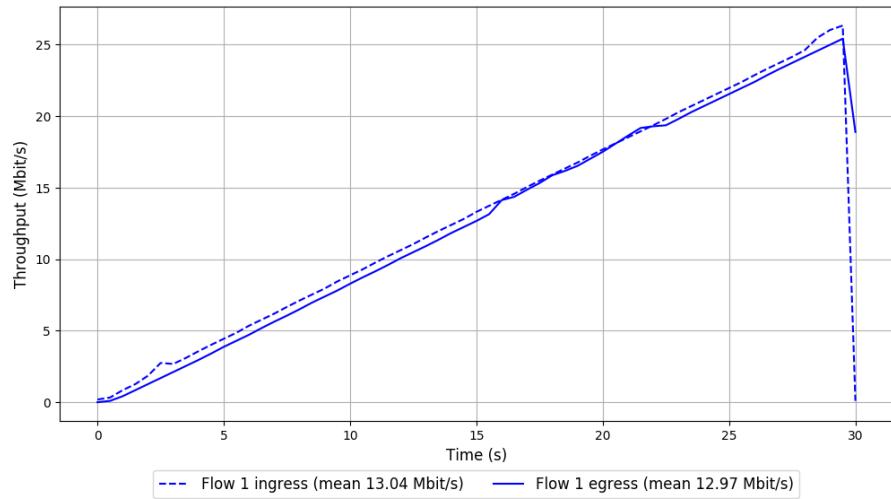


Run 5: Statistics of LEDBAT

```
Start at: 2018-08-09 18:55:10
End at: 2018-08-09 18:55:40
Local clock offset: -4.328 ms
Remote clock offset: 4.922 ms

# Below is generated by plot.py at 2018-08-09 20:50:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.97 Mbit/s
95th percentile per-packet one-way delay: 85.003 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.97 Mbit/s
95th percentile per-packet one-way delay: 85.003 ms
Loss rate: 1.11%
```

Run 5: Report of LEDBAT — Data Link

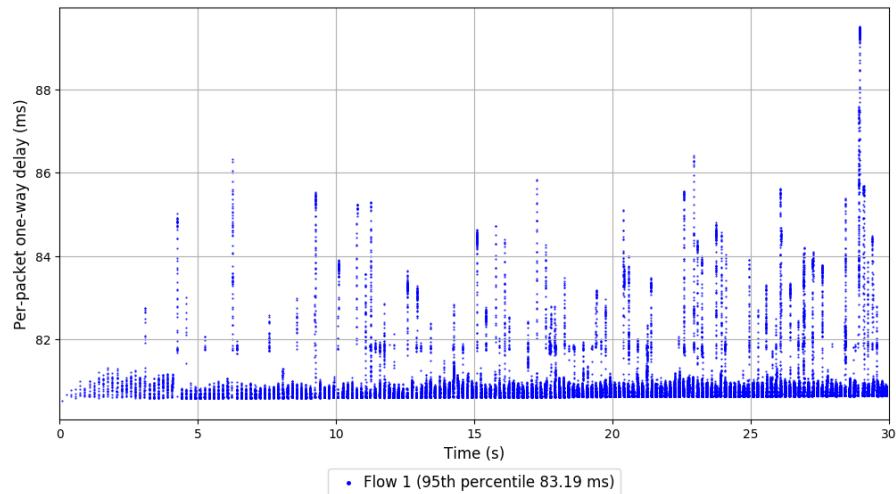
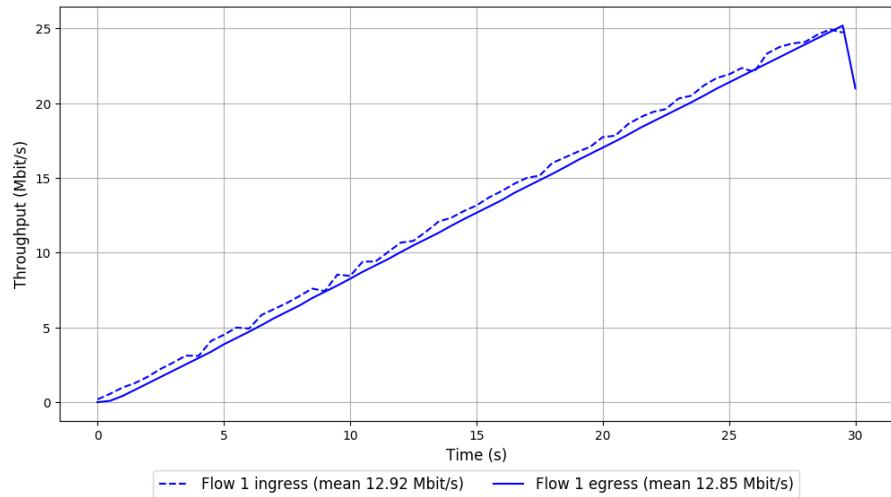


Run 6: Statistics of LEDBAT

```
Start at: 2018-08-09 19:15:21
End at: 2018-08-09 19:15:51
Local clock offset: -1.705 ms
Remote clock offset: 7.251 ms

# Below is generated by plot.py at 2018-08-09 20:50:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.85 Mbit/s
95th percentile per-packet one-way delay: 83.186 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 12.85 Mbit/s
95th percentile per-packet one-way delay: 83.186 ms
Loss rate: 1.10%
```

Run 6: Report of LEDBAT — Data Link

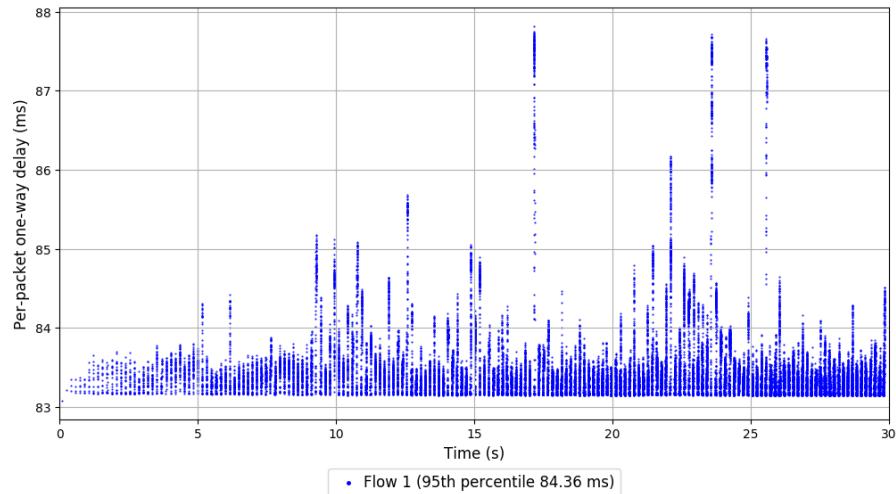
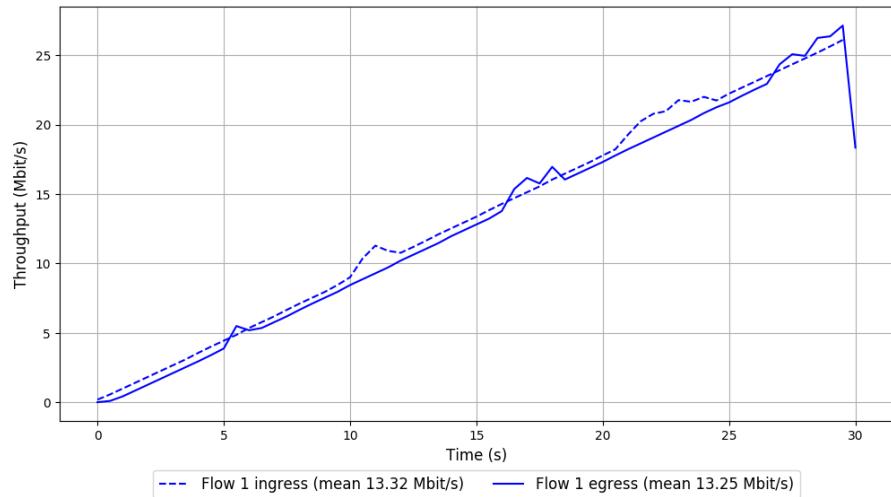


Run 7: Statistics of LEDBAT

```
Start at: 2018-08-09 19:35:10
End at: 2018-08-09 19:35:40
Local clock offset: -2.959 ms
Remote clock offset: 3.398 ms

# Below is generated by plot.py at 2018-08-09 20:50:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 84.360 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 84.360 ms
Loss rate: 1.10%
```

Run 7: Report of LEDBAT — Data Link

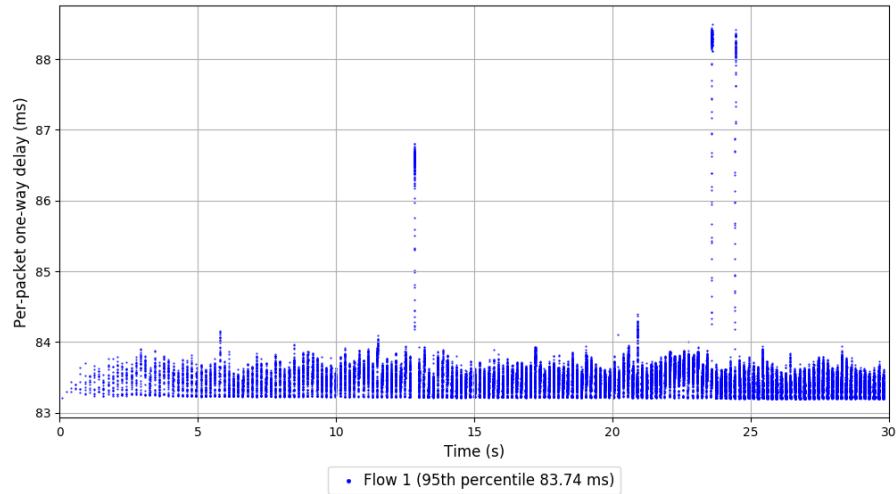
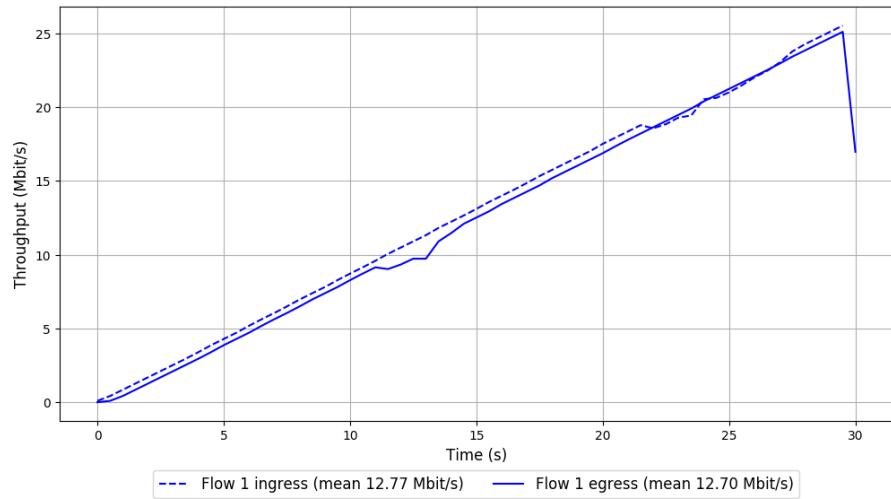


Run 8: Statistics of LEDBAT

```
Start at: 2018-08-09 19:55:00
End at: 2018-08-09 19:55:30
Local clock offset: -2.281 ms
Remote clock offset: 3.346 ms

# Below is generated by plot.py at 2018-08-09 20:50:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 83.737 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 83.737 ms
Loss rate: 1.12%
```

Run 8: Report of LEDBAT — Data Link

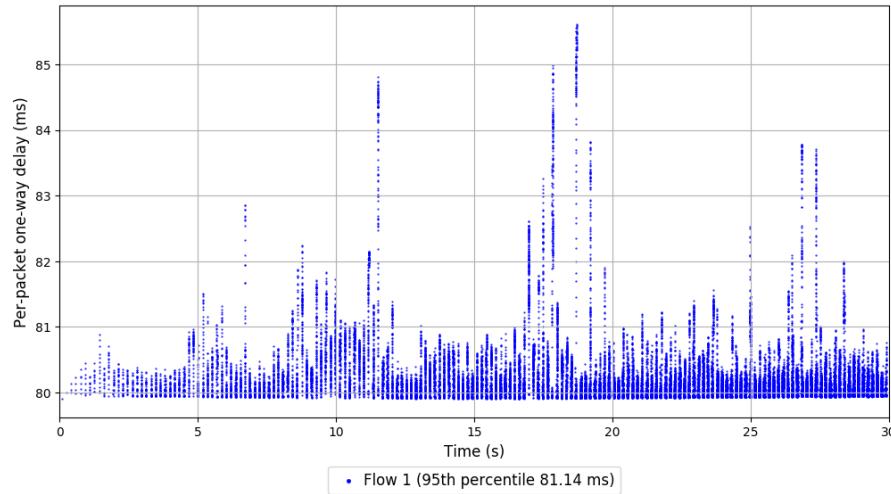
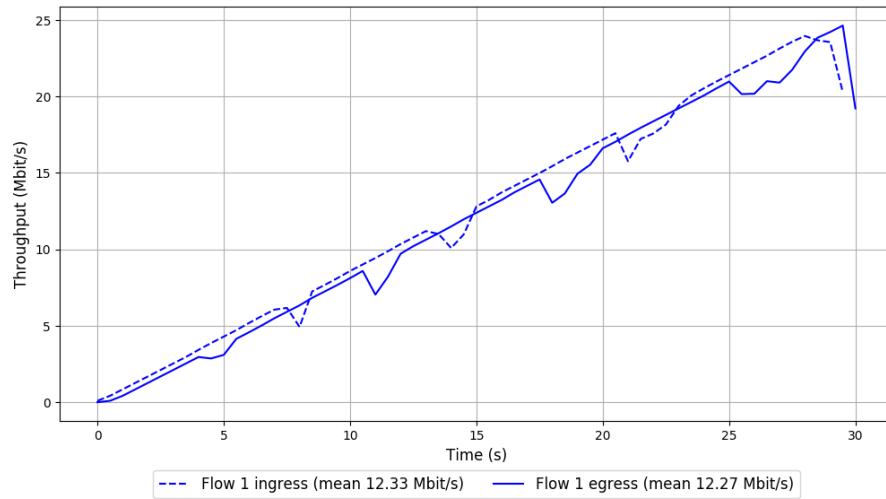


Run 9: Statistics of LEDBAT

```
Start at: 2018-08-09 20:15:00
End at: 2018-08-09 20:15:30
Local clock offset: -1.565 ms
Remote clock offset: 6.51 ms

# Below is generated by plot.py at 2018-08-09 20:50:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.27 Mbit/s
95th percentile per-packet one-way delay: 81.138 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 12.27 Mbit/s
95th percentile per-packet one-way delay: 81.138 ms
Loss rate: 1.01%
```

Run 9: Report of LEDBAT — Data Link

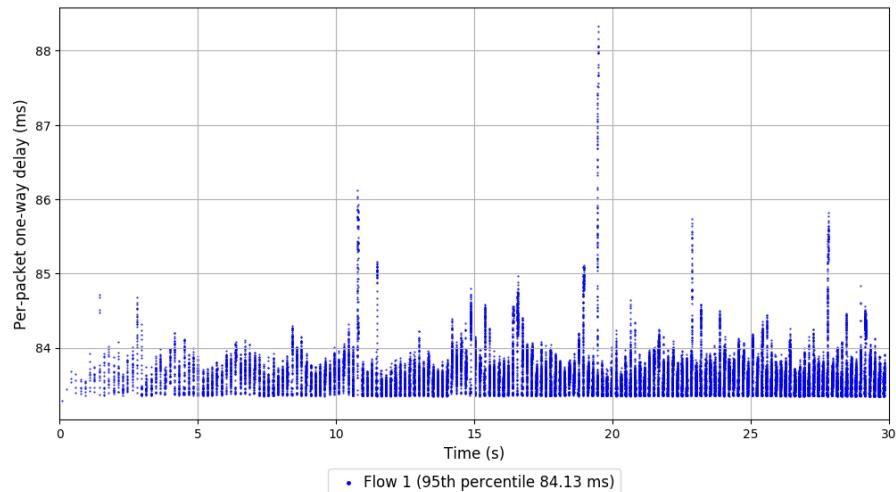
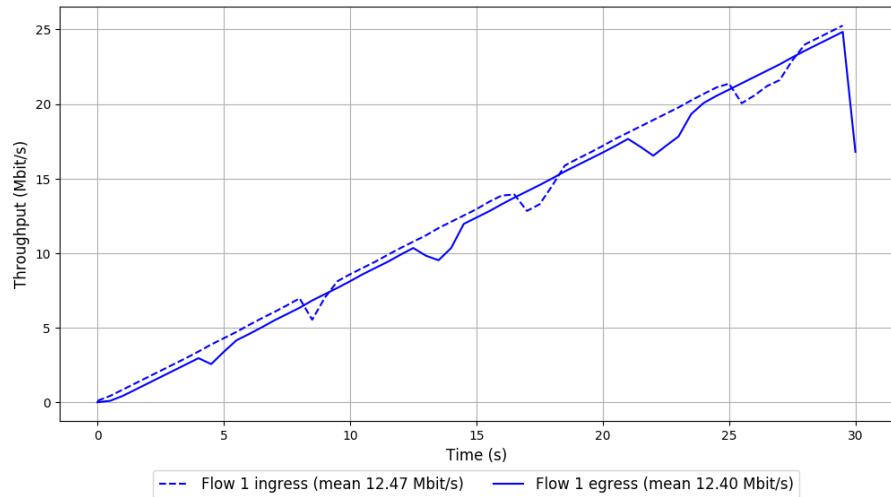


Run 10: Statistics of LEDBAT

```
Start at: 2018-08-09 20:34:55
End at: 2018-08-09 20:35:25
Local clock offset: -3.55 ms
Remote clock offset: 2.142 ms

# Below is generated by plot.py at 2018-08-09 20:50:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 84.133 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 84.133 ms
Loss rate: 1.13%
```

Run 10: Report of LEDBAT — Data Link

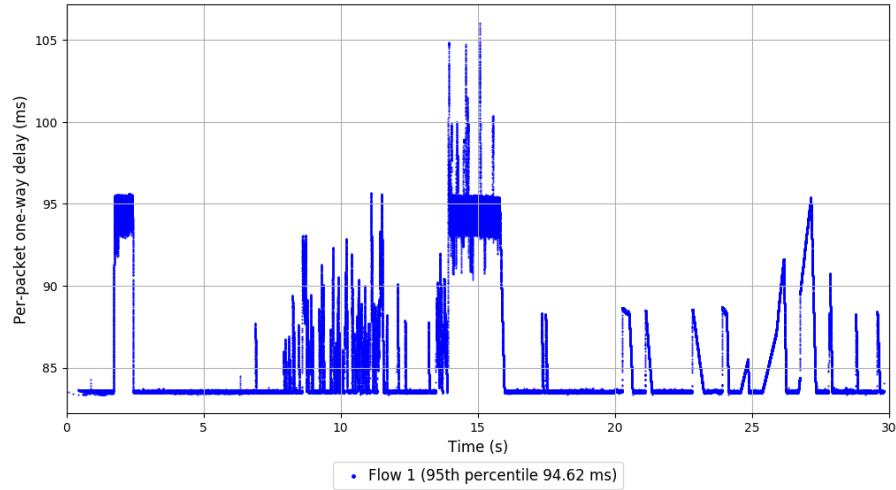
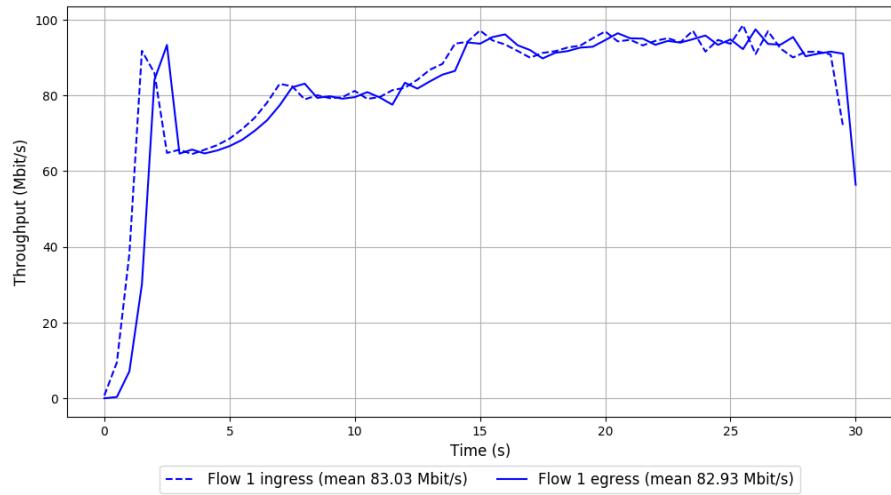


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-08-09 17:22:56
End at: 2018-08-09 17:23:27
Local clock offset: -8.125 ms
Remote clock offset: 2.752 ms

# Below is generated by plot.py at 2018-08-09 20:51:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.93 Mbit/s
95th percentile per-packet one-way delay: 94.621 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 82.93 Mbit/s
95th percentile per-packet one-way delay: 94.621 ms
Loss rate: 0.67%
```

Run 1: Report of PCC-Allegro — Data Link

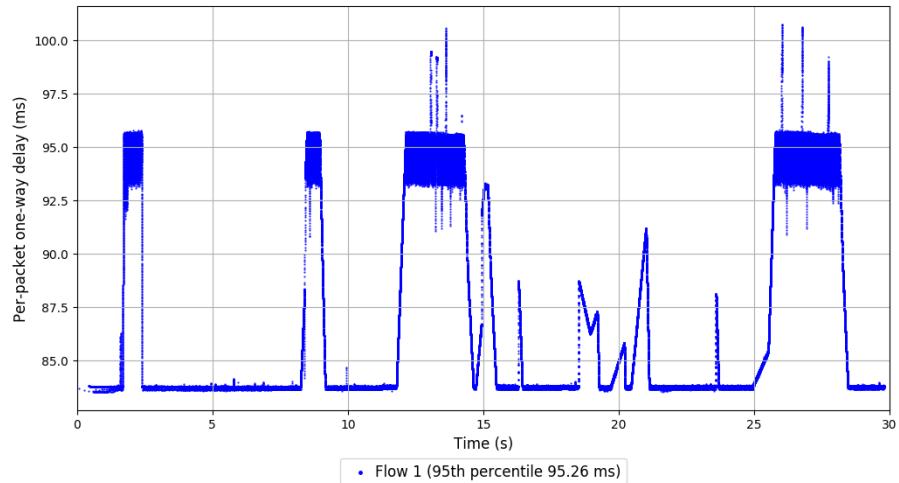
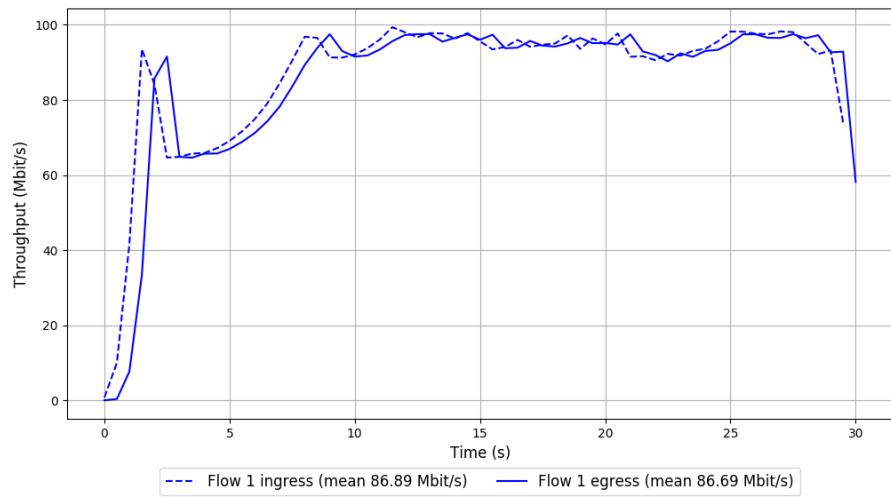


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-08-09 17:42:47
End at: 2018-08-09 17:43:17
Local clock offset: -8.094 ms
Remote clock offset: 3.788 ms

# Below is generated by plot.py at 2018-08-09 20:51:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 95.257 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 95.257 ms
Loss rate: 0.78%
```

Run 2: Report of PCC-Allegro — Data Link

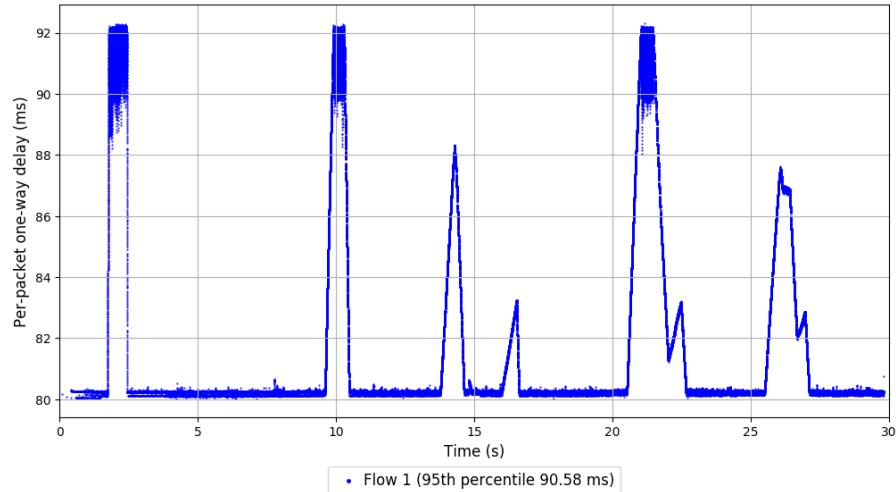
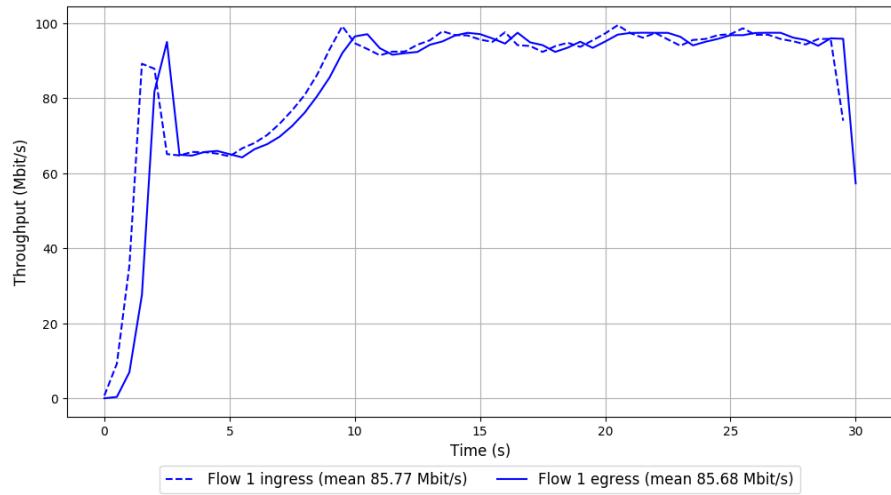


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-08-09 18:02:35
End at: 2018-08-09 18:03:05
Local clock offset: -7.981 ms
Remote clock offset: 8.423 ms

# Below is generated by plot.py at 2018-08-09 20:51:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.68 Mbit/s
95th percentile per-packet one-way delay: 90.583 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 85.68 Mbit/s
95th percentile per-packet one-way delay: 90.583 ms
Loss rate: 0.65%
```

Run 3: Report of PCC-Allegro — Data Link

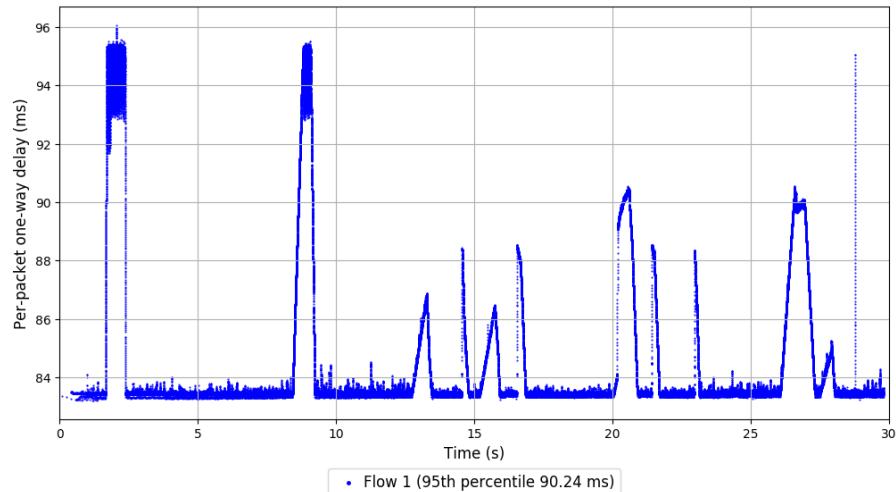
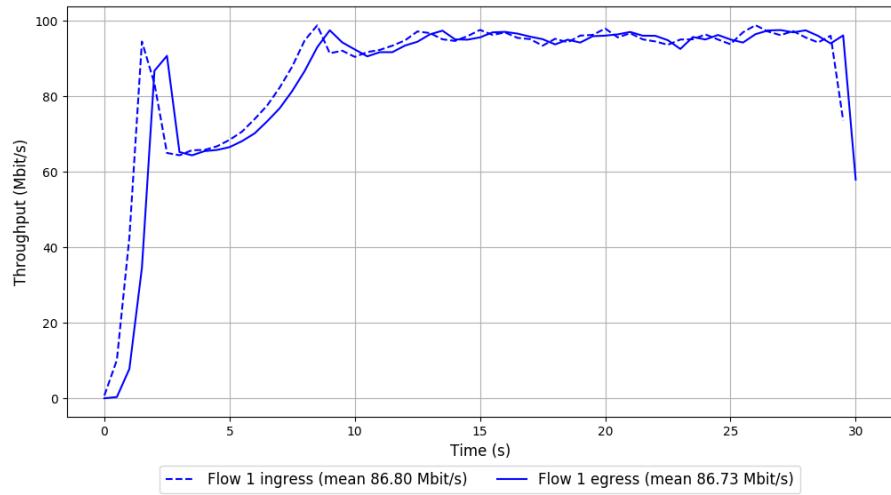


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-08-09 18:22:25
End at: 2018-08-09 18:22:55
Local clock offset: -8.001 ms
Remote clock offset: 4.952 ms

# Below is generated by plot.py at 2018-08-09 20:51:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.73 Mbit/s
95th percentile per-packet one-way delay: 90.240 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 86.73 Mbit/s
95th percentile per-packet one-way delay: 90.240 ms
Loss rate: 0.62%
```

Run 4: Report of PCC-Allegro — Data Link

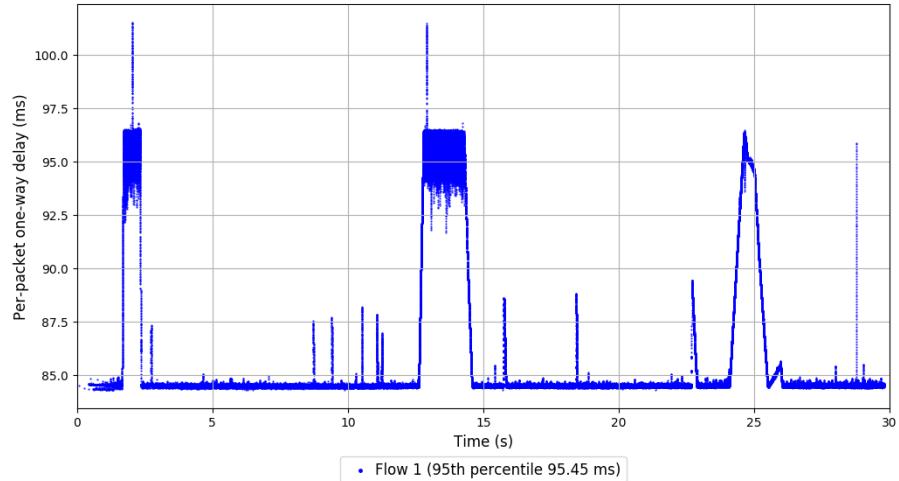
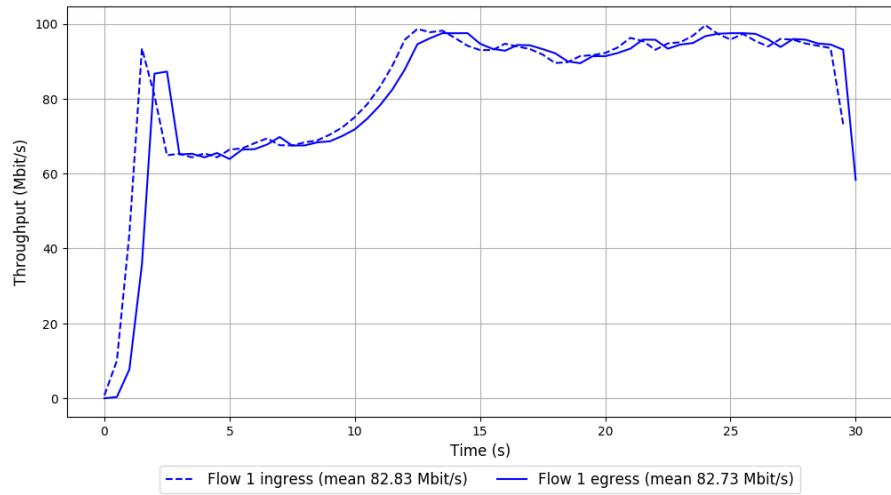


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-08-09 18:42:16
End at: 2018-08-09 18:42:46
Local clock offset: -8.032 ms
Remote clock offset: 4.473 ms

# Below is generated by plot.py at 2018-08-09 20:51:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.73 Mbit/s
95th percentile per-packet one-way delay: 95.452 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 82.73 Mbit/s
95th percentile per-packet one-way delay: 95.452 ms
Loss rate: 0.68%
```

Run 5: Report of PCC-Allegro — Data Link

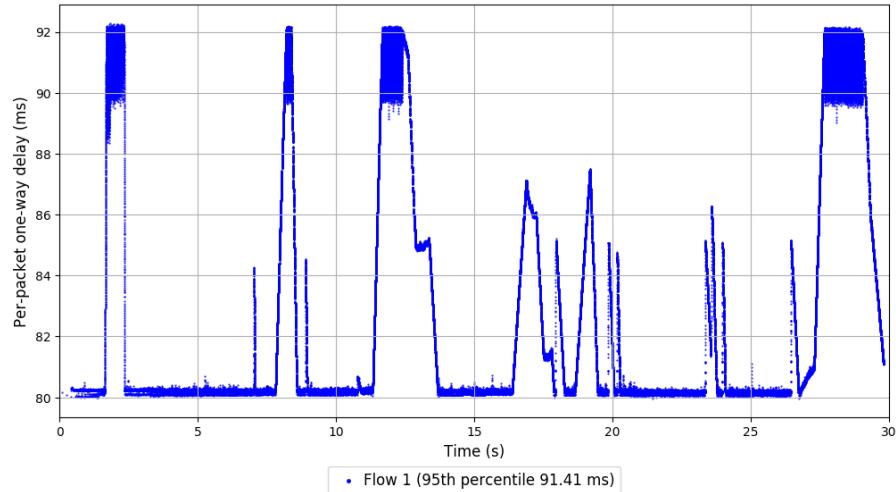
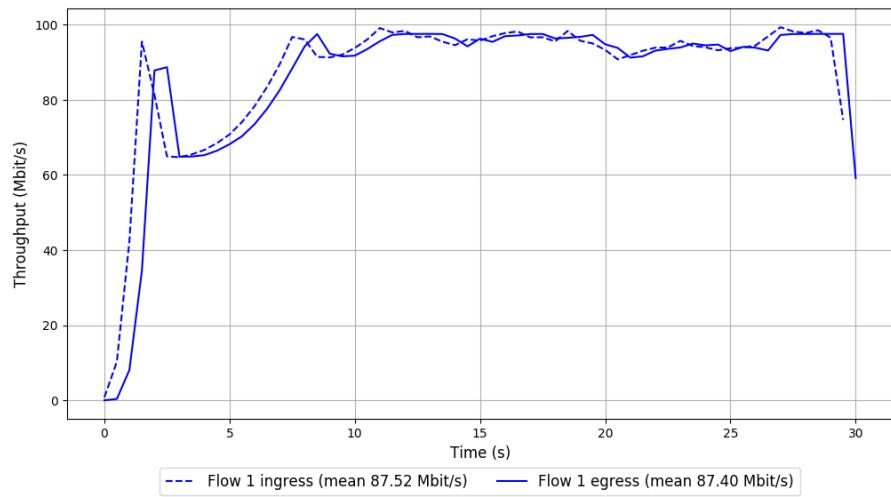


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-08-09 19:02:08
End at: 2018-08-09 19:02:38
Local clock offset: -3.059 ms
Remote clock offset: 7.836 ms

# Below is generated by plot.py at 2018-08-09 20:51:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.40 Mbit/s
95th percentile per-packet one-way delay: 91.413 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 87.40 Mbit/s
95th percentile per-packet one-way delay: 91.413 ms
Loss rate: 0.68%
```

Run 6: Report of PCC-Allegro — Data Link

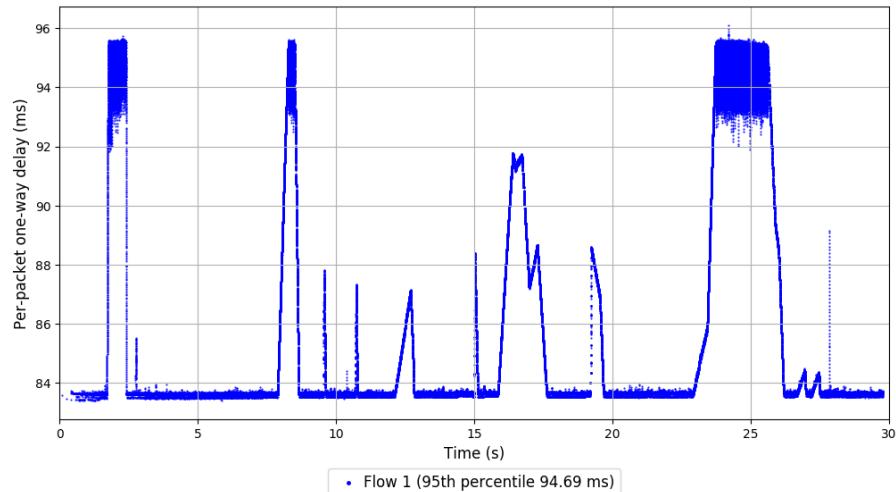
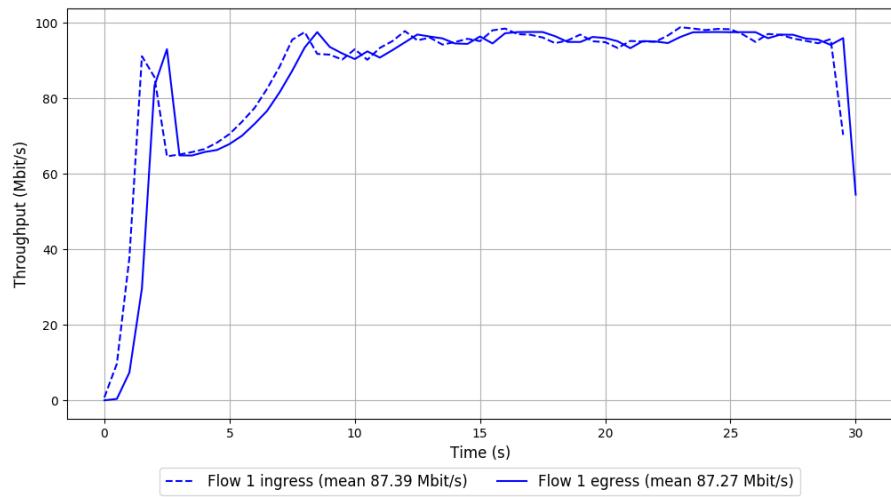


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-08-09 19:22:16
End at: 2018-08-09 19:22:46
Local clock offset: -2.552 ms
Remote clock offset: 3.935 ms

# Below is generated by plot.py at 2018-08-09 20:51:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 94.695 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 94.695 ms
Loss rate: 0.69%
```

Run 7: Report of PCC-Allegro — Data Link

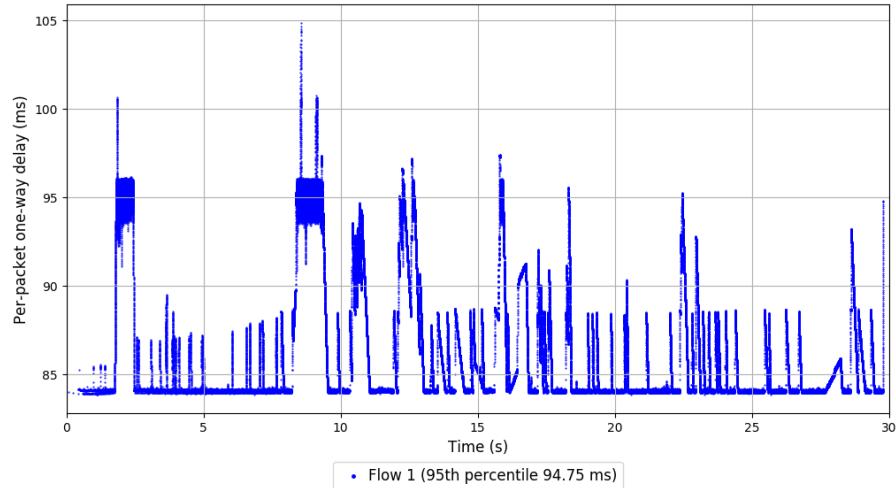
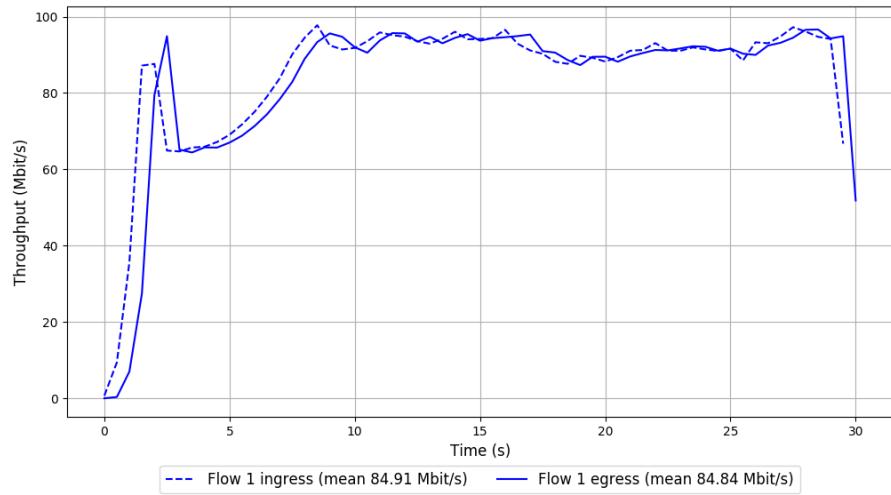


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-08-09 19:42:07
End at: 2018-08-09 19:42:37
Local clock offset: -2.774 ms
Remote clock offset: 3.693 ms

# Below is generated by plot.py at 2018-08-09 20:51:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.84 Mbit/s
95th percentile per-packet one-way delay: 94.747 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 84.84 Mbit/s
95th percentile per-packet one-way delay: 94.747 ms
Loss rate: 0.64%
```

Run 8: Report of PCC-Allegro — Data Link

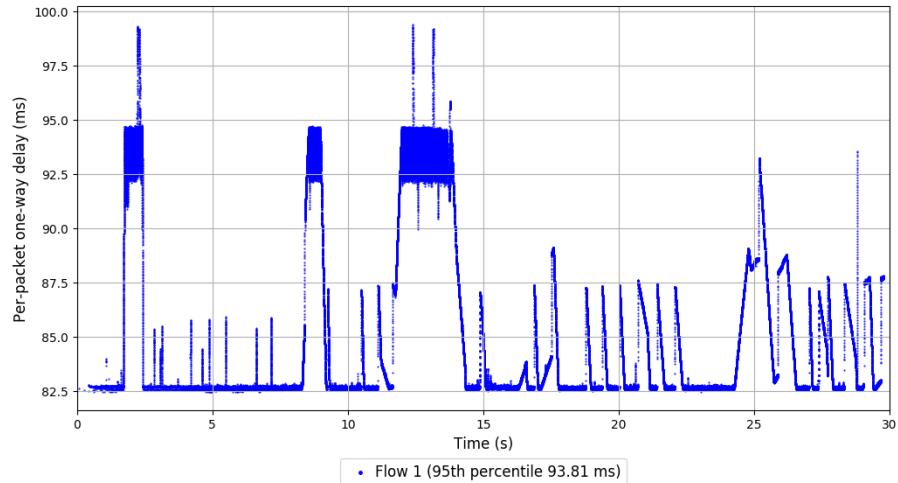
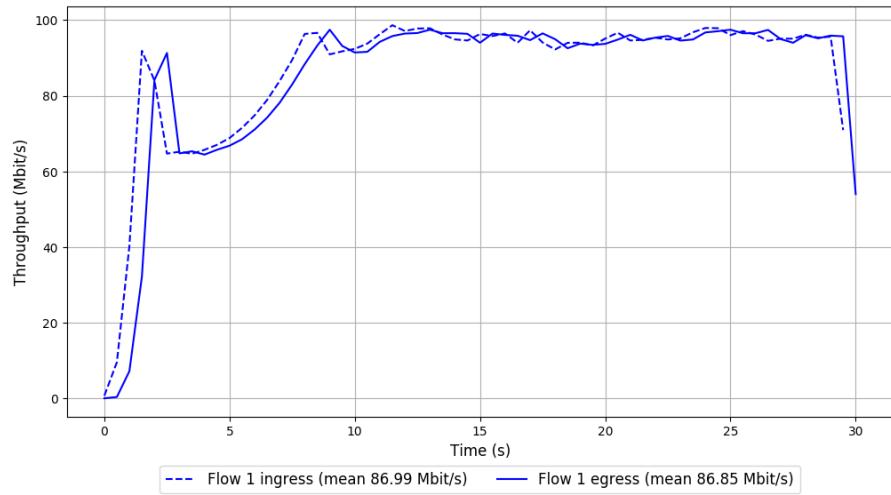


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-08-09 20:01:57
End at: 2018-08-09 20:02:27
Local clock offset: -2.04 ms
Remote clock offset: 3.261 ms

# Below is generated by plot.py at 2018-08-09 20:52:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.85 Mbit/s
95th percentile per-packet one-way delay: 93.808 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 86.85 Mbit/s
95th percentile per-packet one-way delay: 93.808 ms
Loss rate: 0.71%
```

Run 9: Report of PCC-Allegro — Data Link

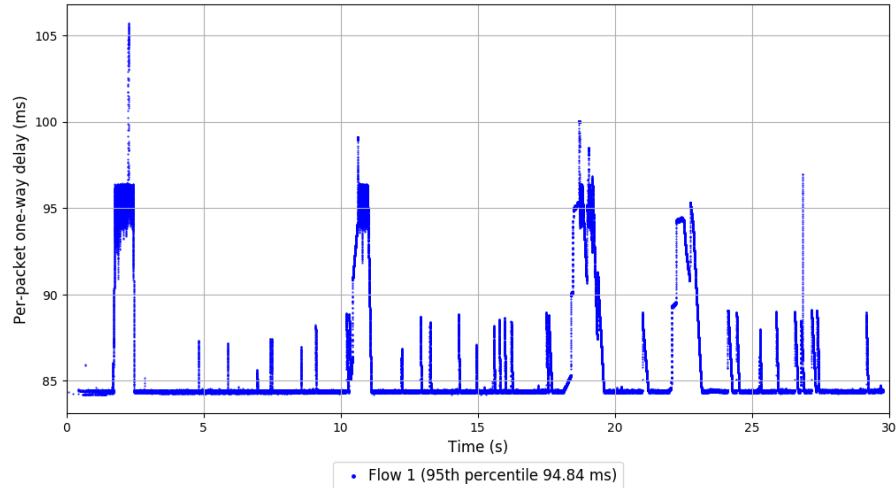
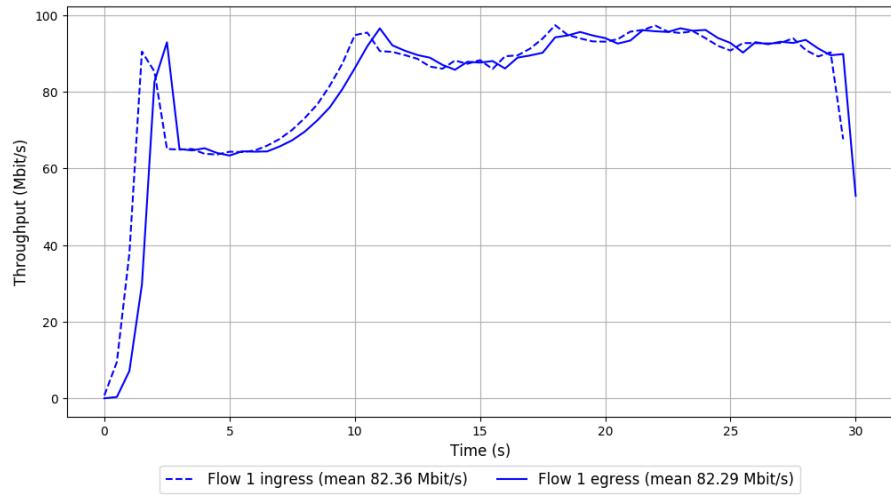


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-08-09 20:21:58
End at: 2018-08-09 20:22:28
Local clock offset: -2.754 ms
Remote clock offset: 2.161 ms

# Below is generated by plot.py at 2018-08-09 20:52:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.29 Mbit/s
95th percentile per-packet one-way delay: 94.838 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 82.29 Mbit/s
95th percentile per-packet one-way delay: 94.838 ms
Loss rate: 0.65%
```

Run 10: Report of PCC-Allegro — Data Link

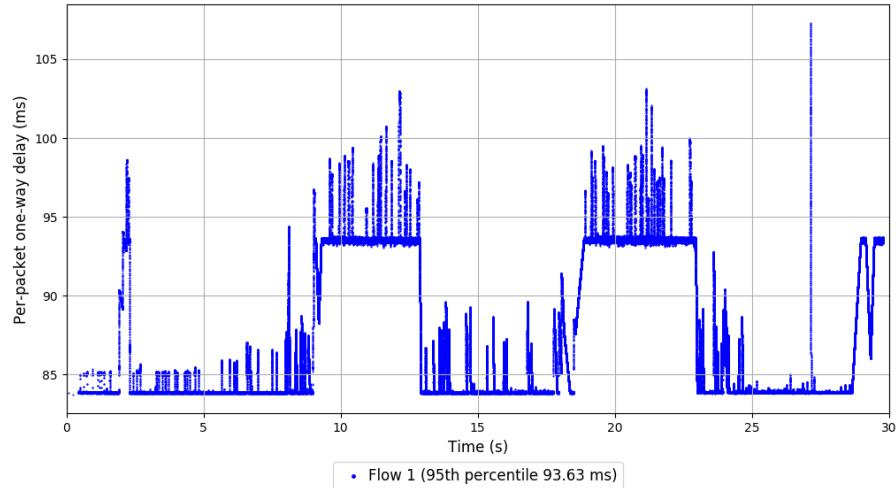
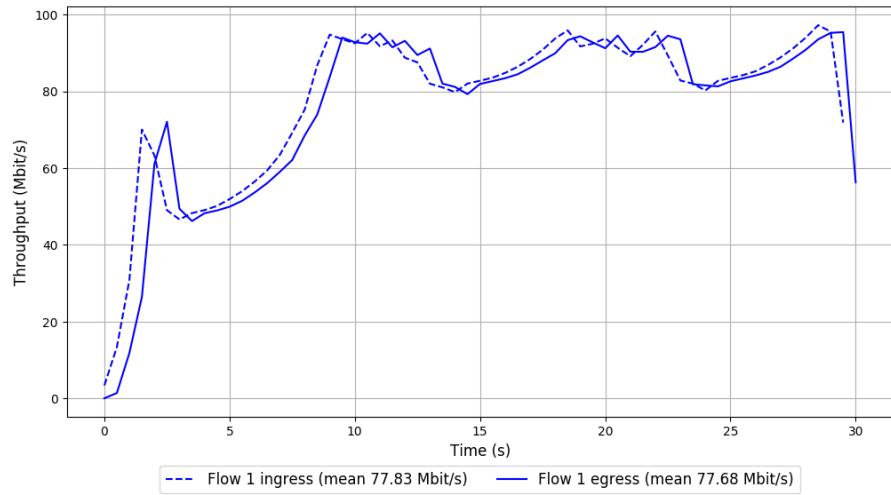


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2018-08-09 17:30:01
End at: 2018-08-09 17:30:31
Local clock offset: -8.019 ms
Remote clock offset: 3.344 ms

# Below is generated by plot.py at 2018-08-09 20:52:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.68 Mbit/s
95th percentile per-packet one-way delay: 93.632 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 77.68 Mbit/s
95th percentile per-packet one-way delay: 93.632 ms
Loss rate: 0.76%
```

Run 1: Report of PCC-Expr — Data Link

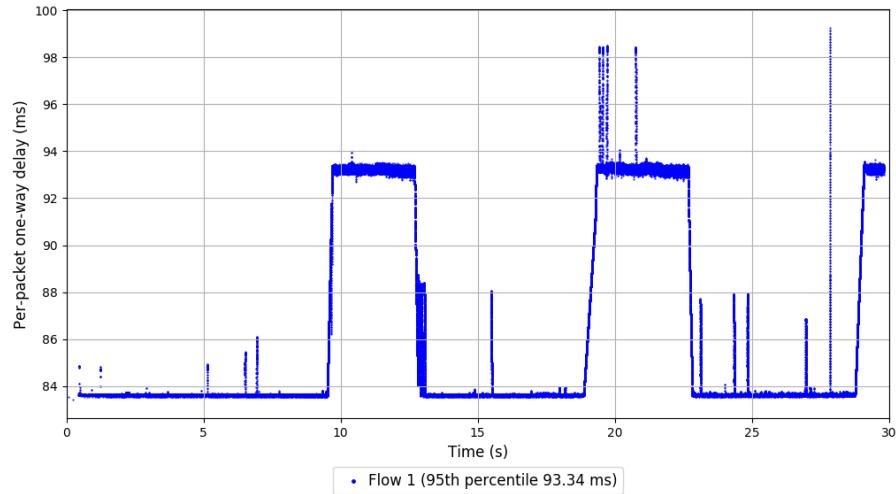
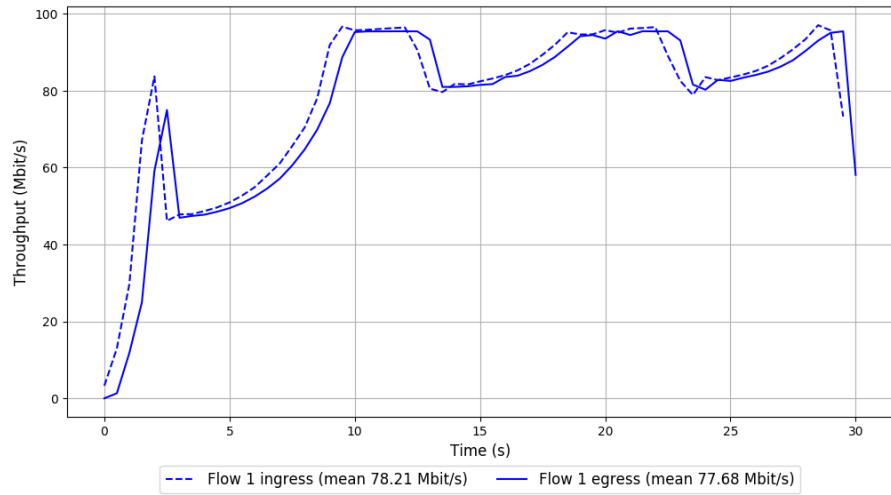


Run 2: Statistics of PCC-Expr

```
Start at: 2018-08-09 17:49:50
End at: 2018-08-09 17:50:20
Local clock offset: -8.087 ms
Remote clock offset: 4.498 ms

# Below is generated by plot.py at 2018-08-09 20:52:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.68 Mbit/s
95th percentile per-packet one-way delay: 93.337 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 77.68 Mbit/s
95th percentile per-packet one-way delay: 93.337 ms
Loss rate: 1.22%
```

Run 2: Report of PCC-Expr — Data Link

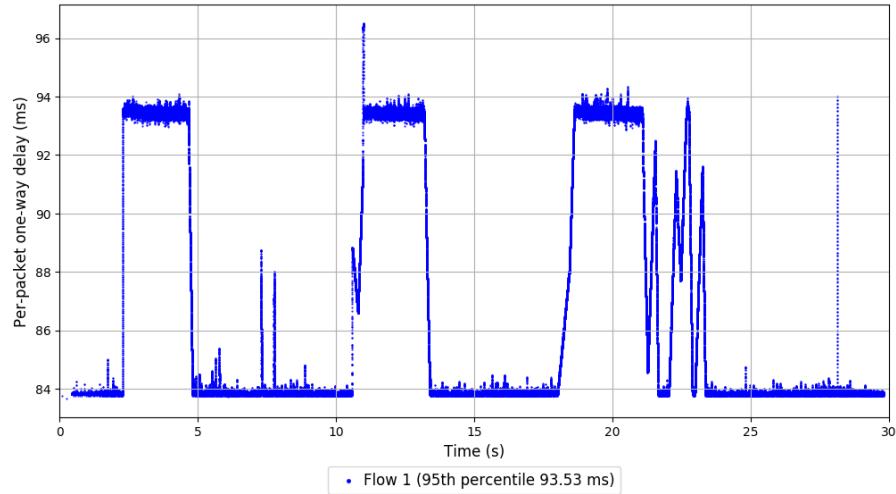
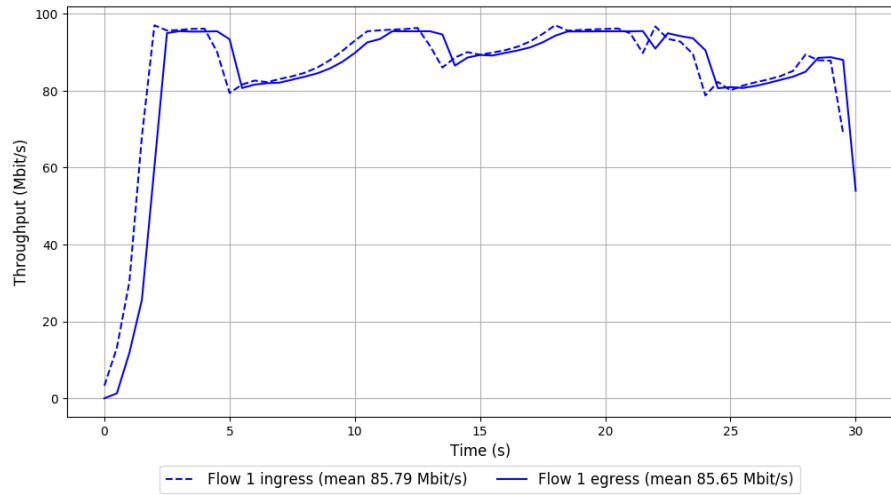


Run 3: Statistics of PCC-Expr

```
Start at: 2018-08-09 18:09:37
End at: 2018-08-09 18:10:07
Local clock offset: -8.028 ms
Remote clock offset: 4.329 ms

# Below is generated by plot.py at 2018-08-09 20:53:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.65 Mbit/s
95th percentile per-packet one-way delay: 93.535 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 85.65 Mbit/s
95th percentile per-packet one-way delay: 93.535 ms
Loss rate: 0.71%
```

Run 3: Report of PCC-Expr — Data Link

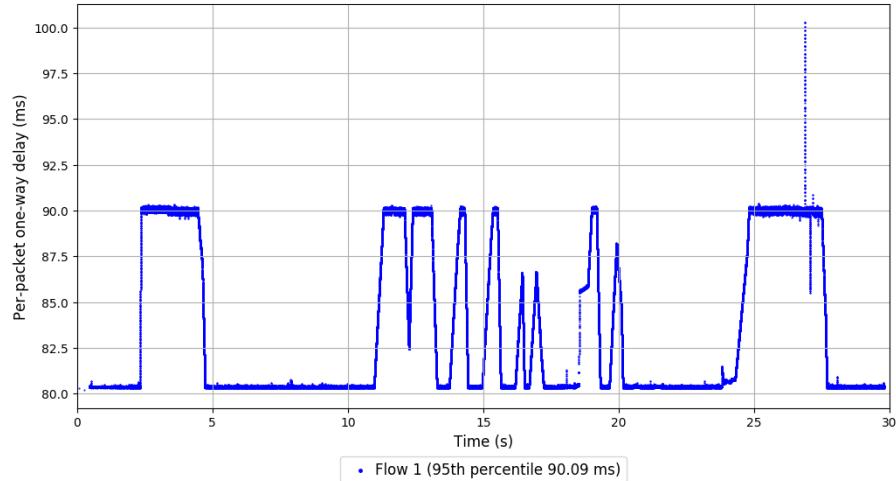
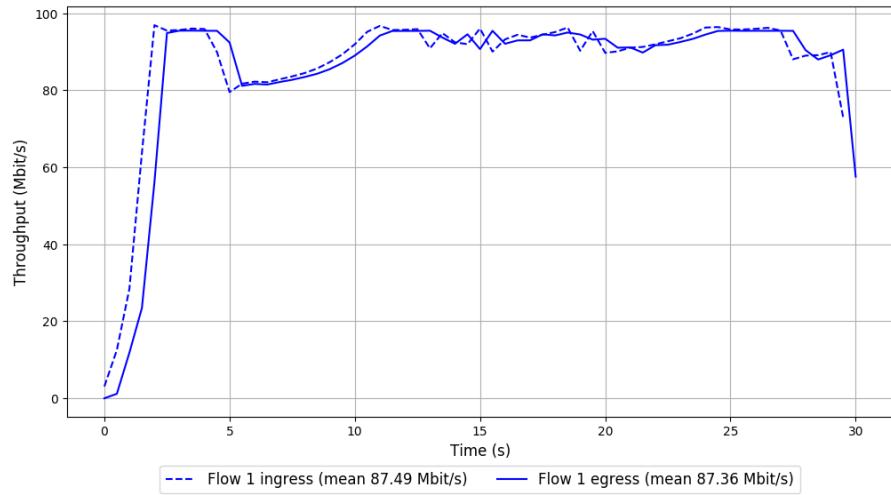


Run 4: Statistics of PCC-Expr

```
Start at: 2018-08-09 18:29:29
End at: 2018-08-09 18:29:59
Local clock offset: -8.057 ms
Remote clock offset: 8.509 ms

# Below is generated by plot.py at 2018-08-09 20:53:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.36 Mbit/s
95th percentile per-packet one-way delay: 90.093 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 87.36 Mbit/s
95th percentile per-packet one-way delay: 90.093 ms
Loss rate: 0.69%
```

Run 4: Report of PCC-Expr — Data Link

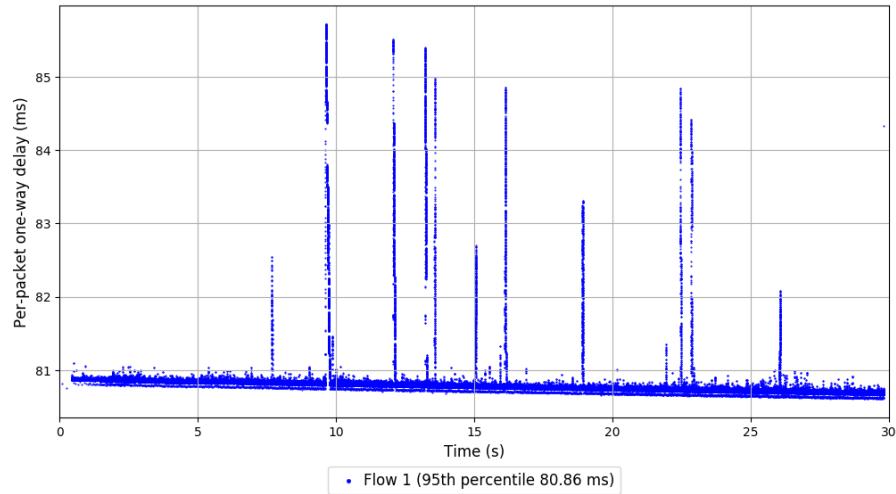
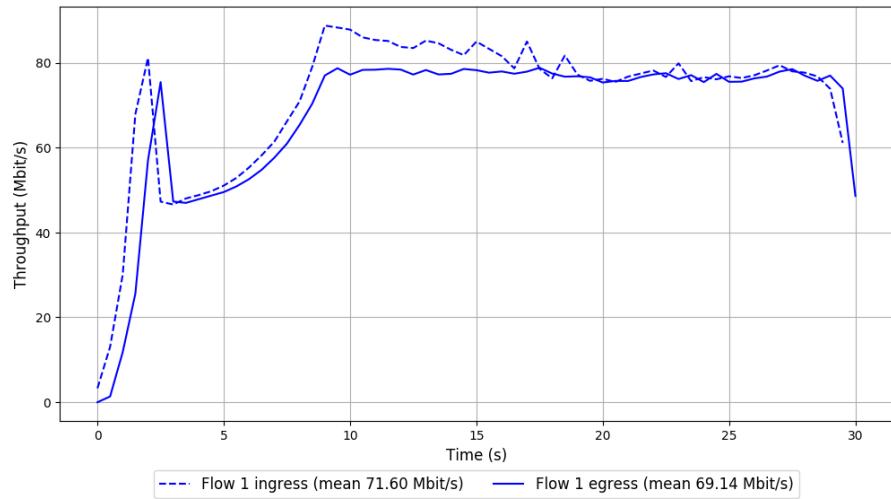


Run 5: Statistics of PCC-Expr

```
Start at: 2018-08-09 18:49:20
End at: 2018-08-09 18:49:50
Local clock offset: -6.244 ms
Remote clock offset: 7.914 ms

# Below is generated by plot.py at 2018-08-09 20:53:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.14 Mbit/s
95th percentile per-packet one-way delay: 80.865 ms
Loss rate: 3.96%
-- Flow 1:
Average throughput: 69.14 Mbit/s
95th percentile per-packet one-way delay: 80.865 ms
Loss rate: 3.96%
```

Run 5: Report of PCC-Expr — Data Link

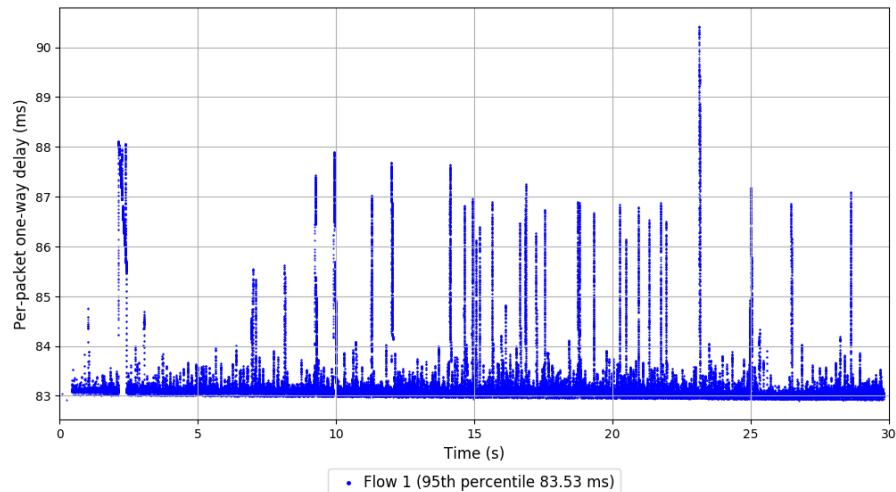
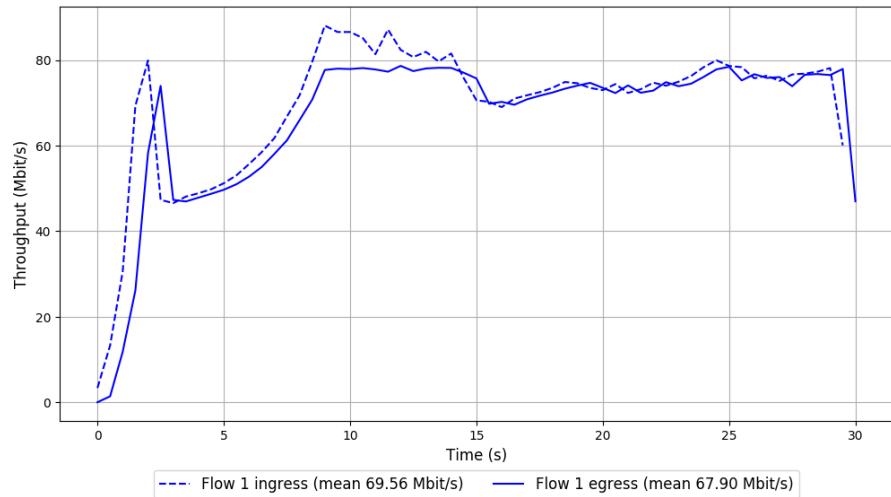


Run 6: Statistics of PCC-Expr

```
Start at: 2018-08-09 19:09:31
End at: 2018-08-09 19:10:01
Local clock offset: -2.267 ms
Remote clock offset: 4.685 ms

# Below is generated by plot.py at 2018-08-09 20:53:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.90 Mbit/s
95th percentile per-packet one-way delay: 83.530 ms
Loss rate: 2.93%
-- Flow 1:
Average throughput: 67.90 Mbit/s
95th percentile per-packet one-way delay: 83.530 ms
Loss rate: 2.93%
```

Run 6: Report of PCC-Expr — Data Link

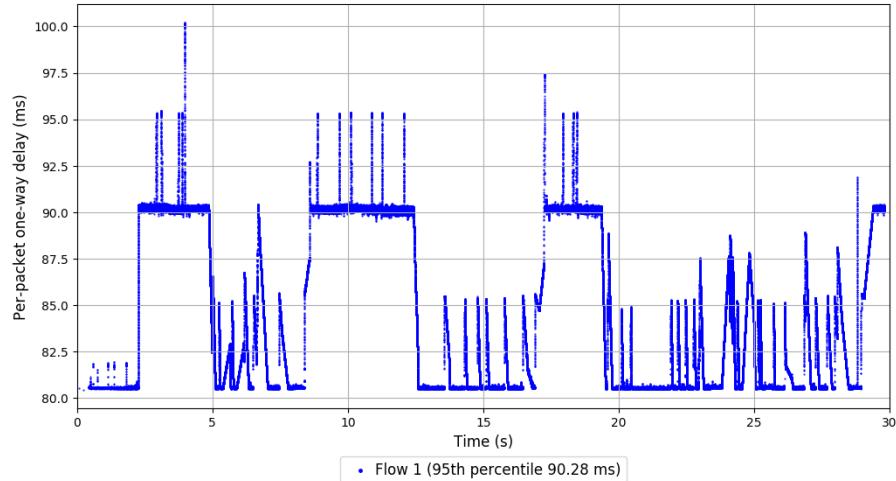
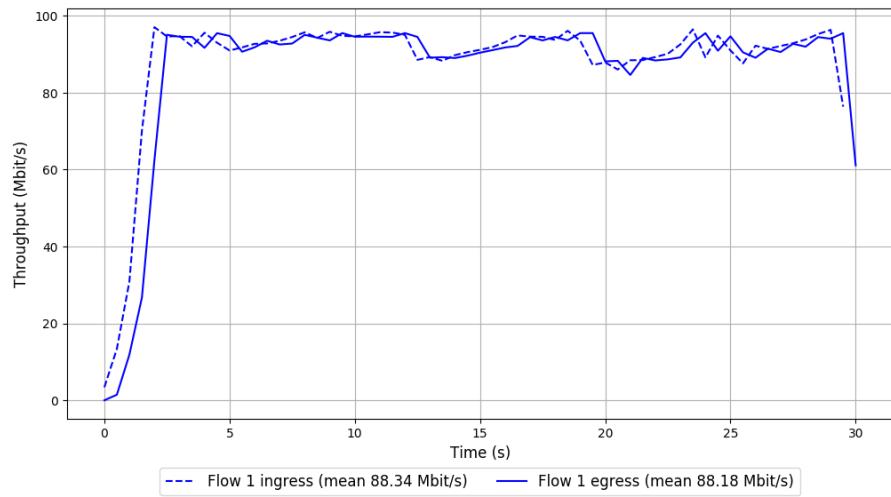


Run 7: Statistics of PCC-Expr

```
Start at: 2018-08-09 19:29:20
End at: 2018-08-09 19:29:50
Local clock offset: -2.854 ms
Remote clock offset: 7.336 ms

# Below is generated by plot.py at 2018-08-09 20:54:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 90.284 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 90.284 ms
Loss rate: 0.75%
```

Run 7: Report of PCC-Expr — Data Link

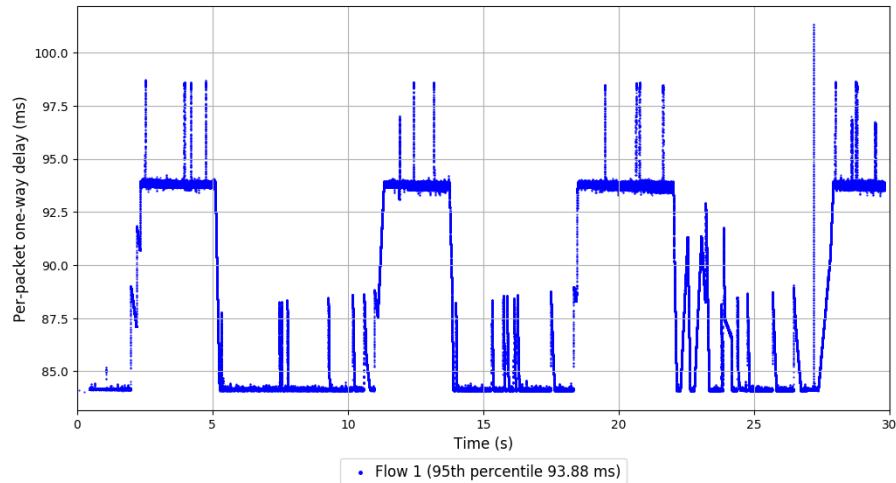
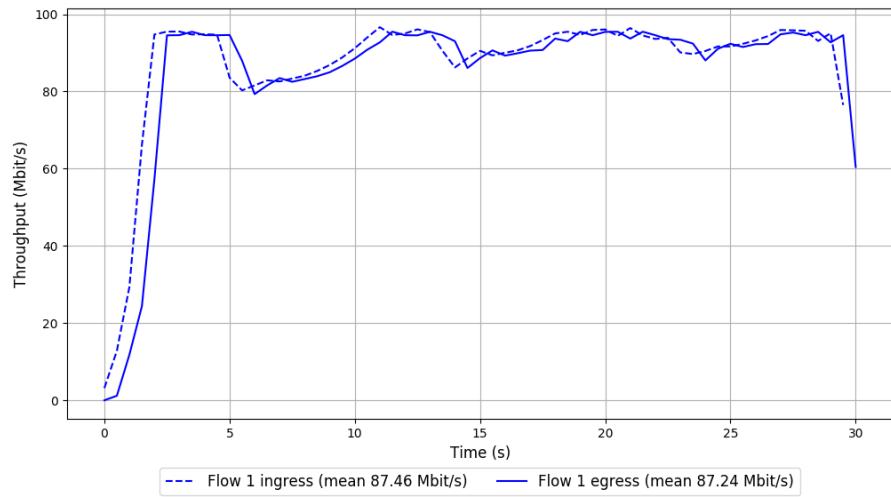


Run 8: Statistics of PCC-Expr

```
Start at: 2018-08-09 19:49:10
End at: 2018-08-09 19:49:40
Local clock offset: -2.548 ms
Remote clock offset: 3.422 ms

# Below is generated by plot.py at 2018-08-09 20:54:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 93.882 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 93.882 ms
Loss rate: 0.81%
```

Run 8: Report of PCC-Expr — Data Link

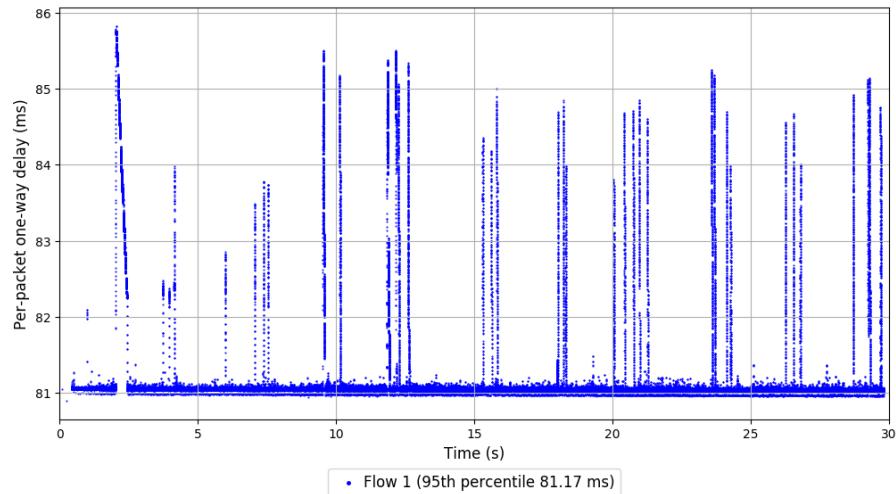
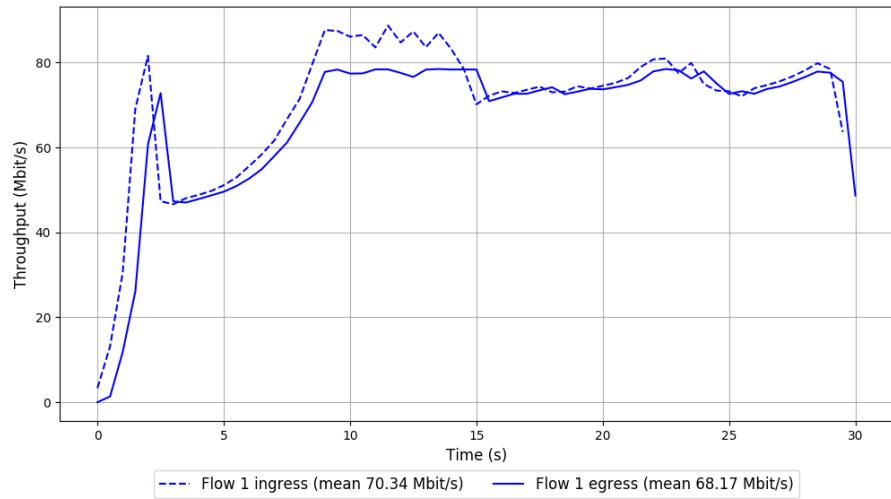


Run 9: Statistics of PCC-Expr

```
Start at: 2018-08-09 20:09:11
End at: 2018-08-09 20:09:41
Local clock offset: -1.833 ms
Remote clock offset: 6.497 ms

# Below is generated by plot.py at 2018-08-09 20:54:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.17 Mbit/s
95th percentile per-packet one-way delay: 81.169 ms
Loss rate: 3.63%
-- Flow 1:
Average throughput: 68.17 Mbit/s
95th percentile per-packet one-way delay: 81.169 ms
Loss rate: 3.63%
```

Run 9: Report of PCC-Expr — Data Link

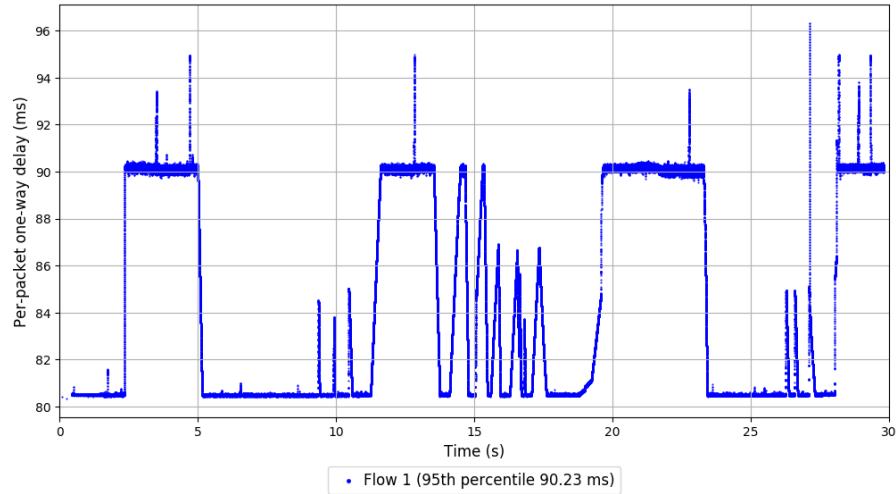
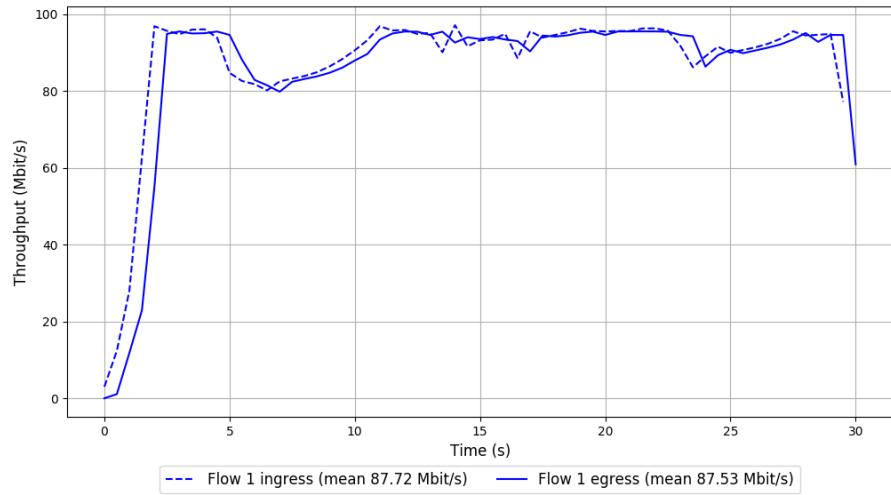


```
Run 10: Statistics of PCC-Expr
```

```
Start at: 2018-08-09 20:29:03
End at: 2018-08-09 20:29:33
Local clock offset: -3.268 ms
Remote clock offset: 6.12 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 90.231 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 90.231 ms
Loss rate: 0.77%
```

Run 10: Report of PCC-Expr — Data Link

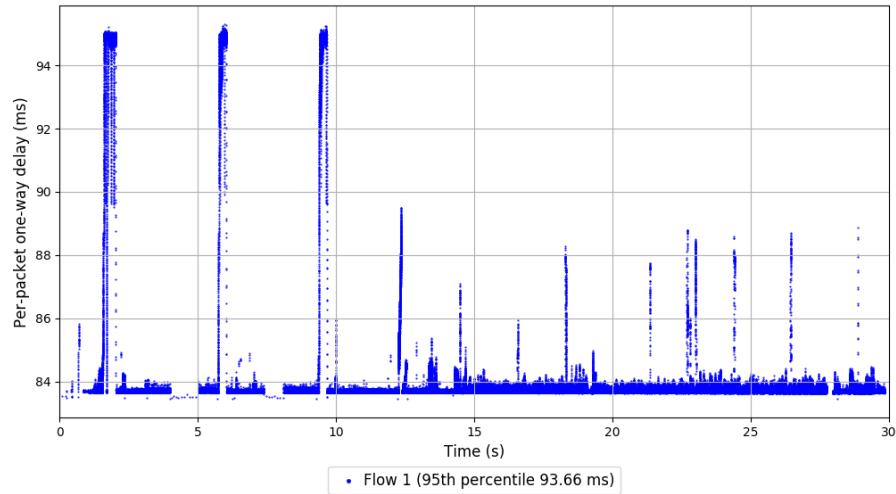
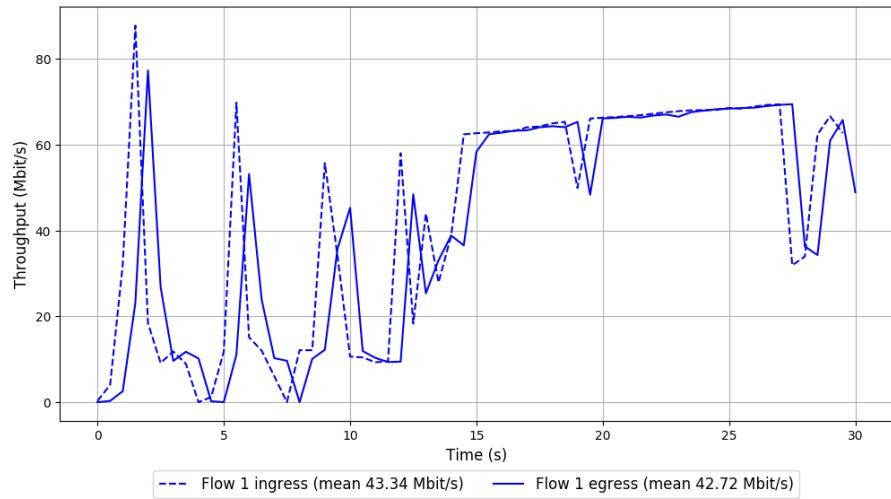


Run 1: Statistics of QUIC Cubic

```
Start at: 2018-08-09 17:21:47
End at: 2018-08-09 17:22:17
Local clock offset: -8.236 ms
Remote clock offset: 2.829 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.72 Mbit/s
95th percentile per-packet one-way delay: 93.656 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 42.72 Mbit/s
95th percentile per-packet one-way delay: 93.656 ms
Loss rate: 1.99%
```

Run 1: Report of QUIC Cubic — Data Link

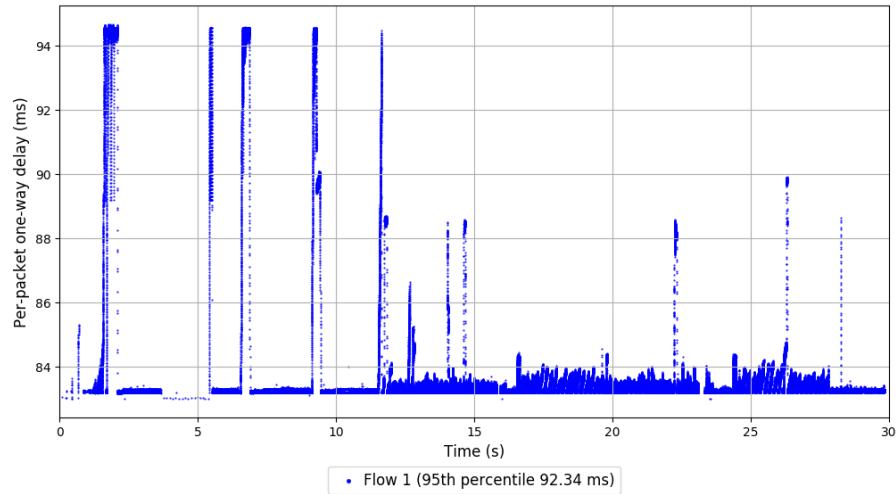
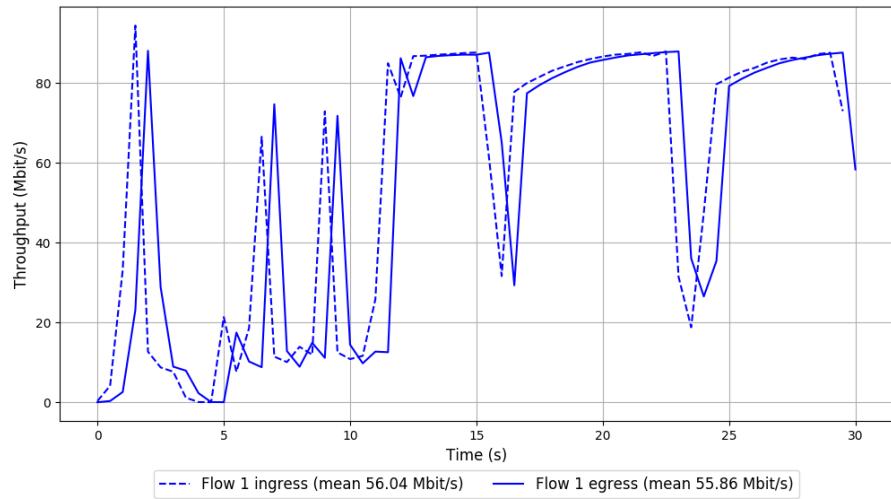


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-08-09 17:41:37
End at: 2018-08-09 17:42:07
Local clock offset: -8.1 ms
Remote clock offset: 4.263 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 92.337 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 92.337 ms
Loss rate: 0.88%
```

Run 2: Report of QUIC Cubic — Data Link

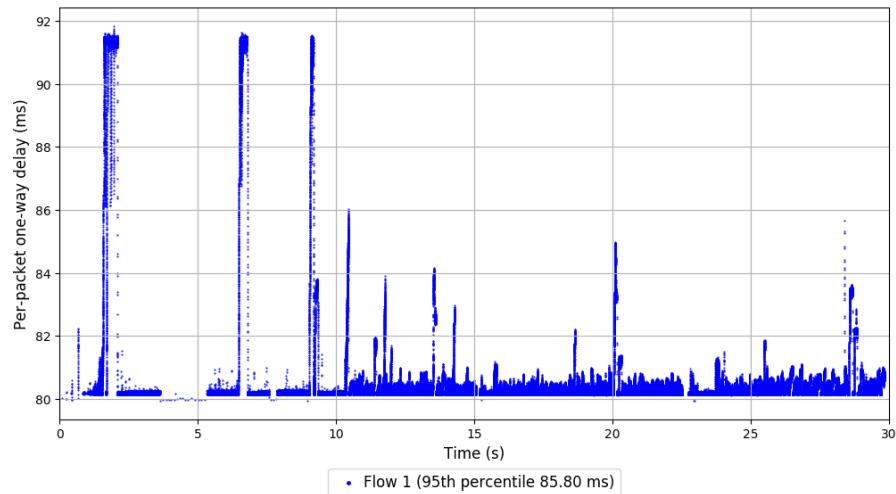
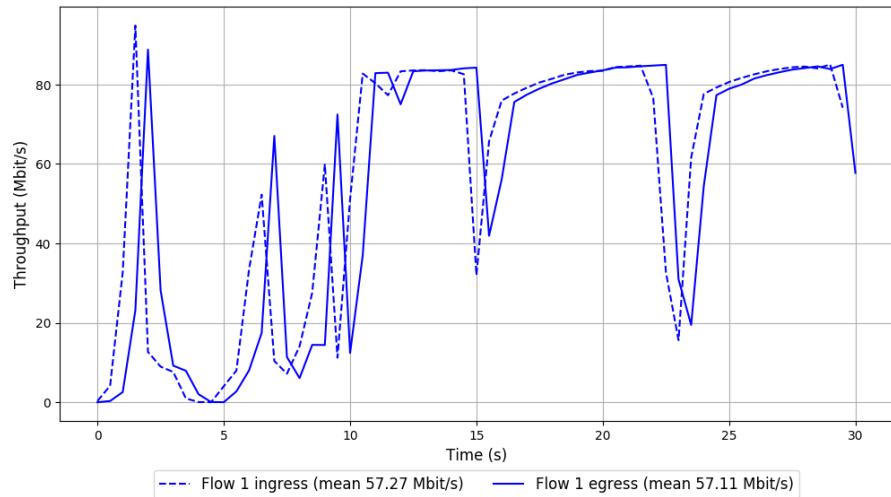


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-08-09 18:01:25
End at: 2018-08-09 18:01:55
Local clock offset: -8.025 ms
Remote clock offset: 8.194 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.11 Mbit/s
95th percentile per-packet one-way delay: 85.798 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 57.11 Mbit/s
95th percentile per-packet one-way delay: 85.798 ms
Loss rate: 0.82%
```

Run 3: Report of QUIC Cubic — Data Link

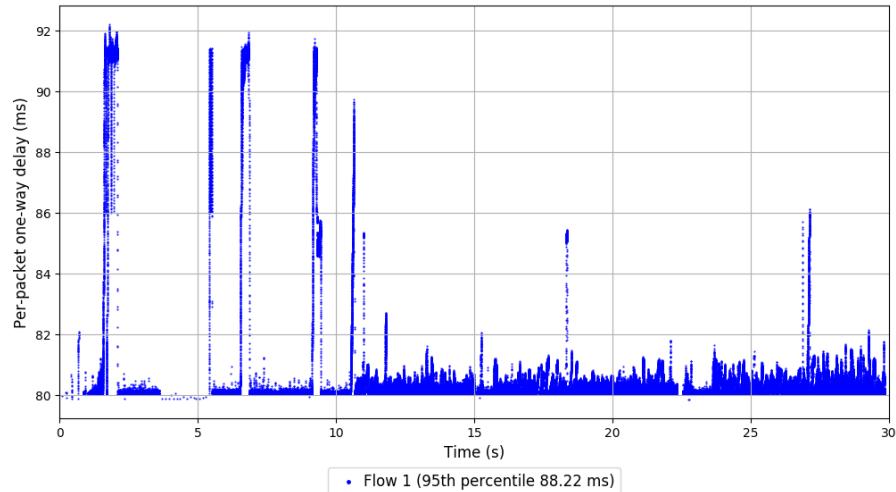
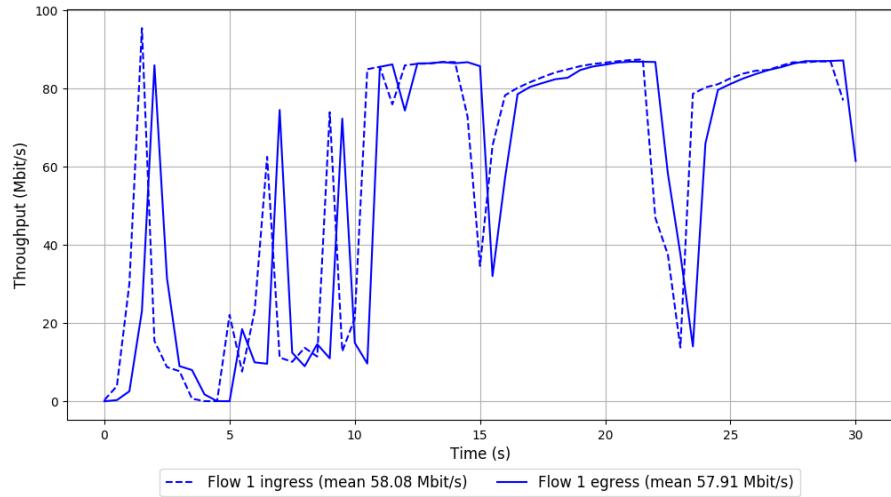


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-08-09 18:21:16
End at: 2018-08-09 18:21:46
Local clock offset: -7.992 ms
Remote clock offset: 8.326 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 88.221 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 88.221 ms
Loss rate: 0.83%
```

Run 4: Report of QUIC Cubic — Data Link

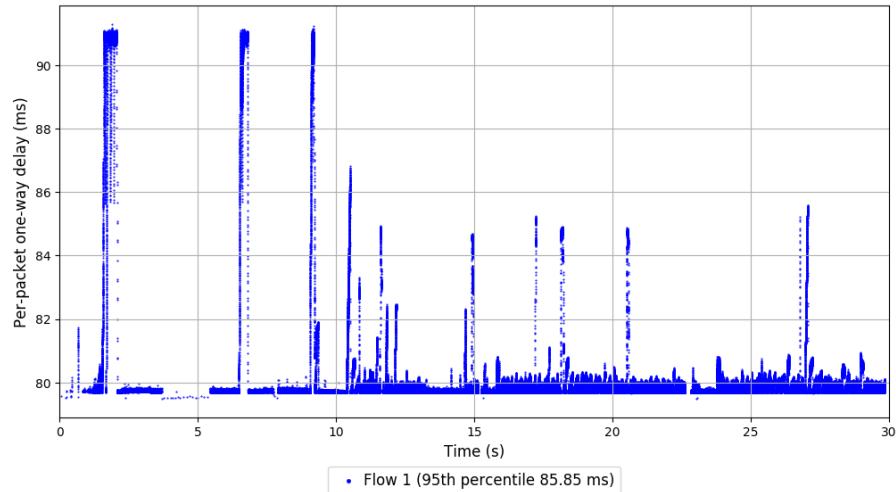
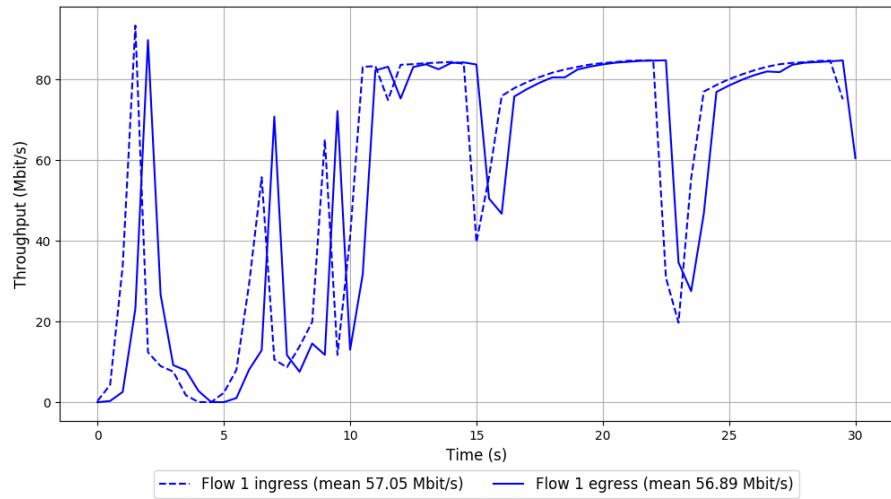


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-08-09 18:41:06
End at: 2018-08-09 18:41:36
Local clock offset: -8.023 ms
Remote clock offset: 8.59 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.89 Mbit/s
95th percentile per-packet one-way delay: 85.854 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 56.89 Mbit/s
95th percentile per-packet one-way delay: 85.854 ms
Loss rate: 0.82%
```

Run 5: Report of QUIC Cubic — Data Link

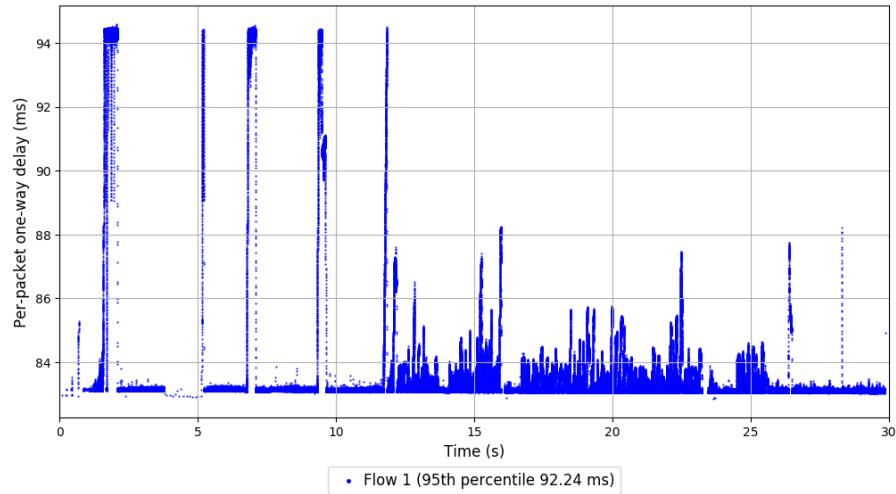
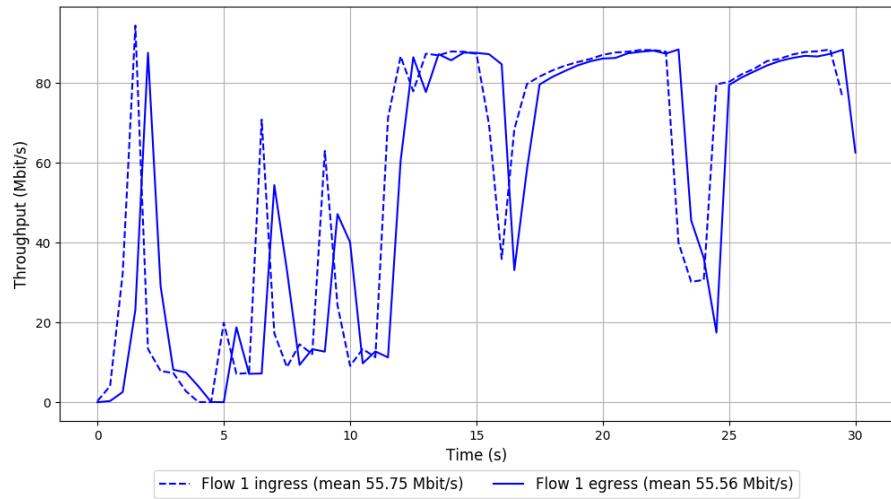


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-08-09 19:00:59
End at: 2018-08-09 19:01:29
Local clock offset: -3.255 ms
Remote clock offset: 4.88 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.56 Mbit/s
95th percentile per-packet one-way delay: 92.236 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 55.56 Mbit/s
95th percentile per-packet one-way delay: 92.236 ms
Loss rate: 0.88%
```

Run 6: Report of QUIC Cubic — Data Link

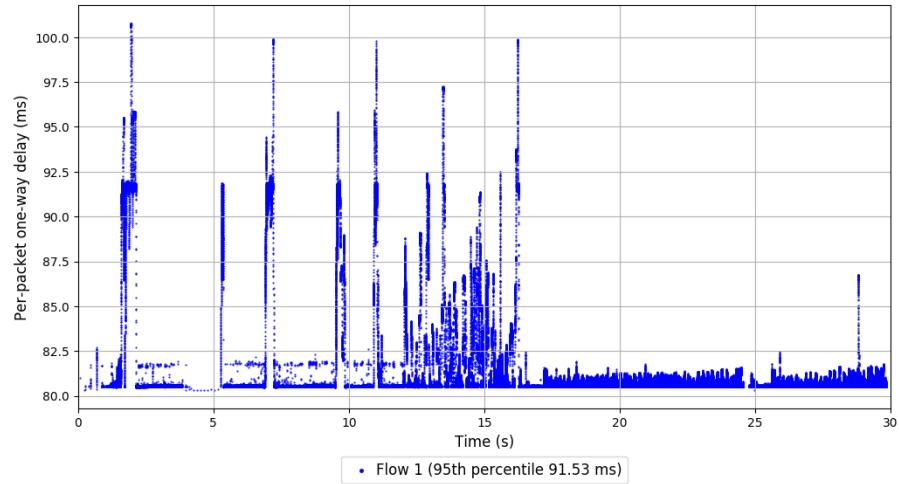
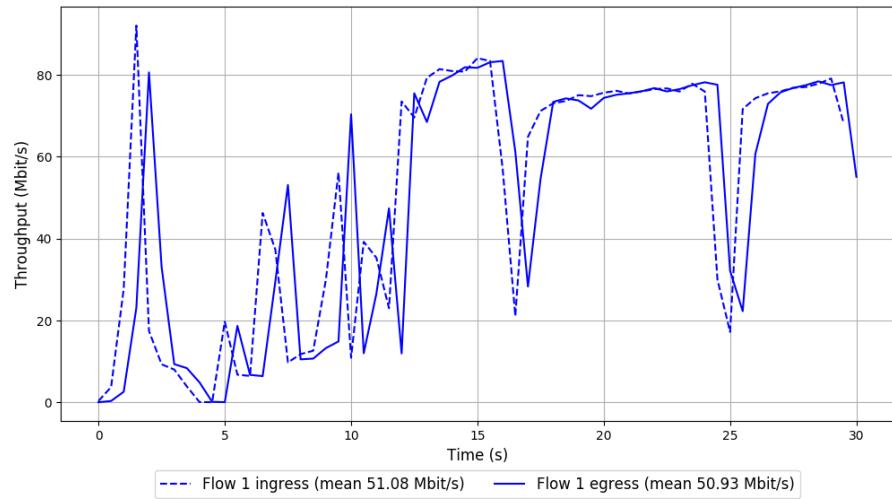


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-08-09 19:21:07
End at: 2018-08-09 19:21:37
Local clock offset: -2.428 ms
Remote clock offset: 6.952 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.93 Mbit/s
95th percentile per-packet one-way delay: 91.529 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 50.93 Mbit/s
95th percentile per-packet one-way delay: 91.529 ms
Loss rate: 0.86%
```

Run 7: Report of QUIC Cubic — Data Link

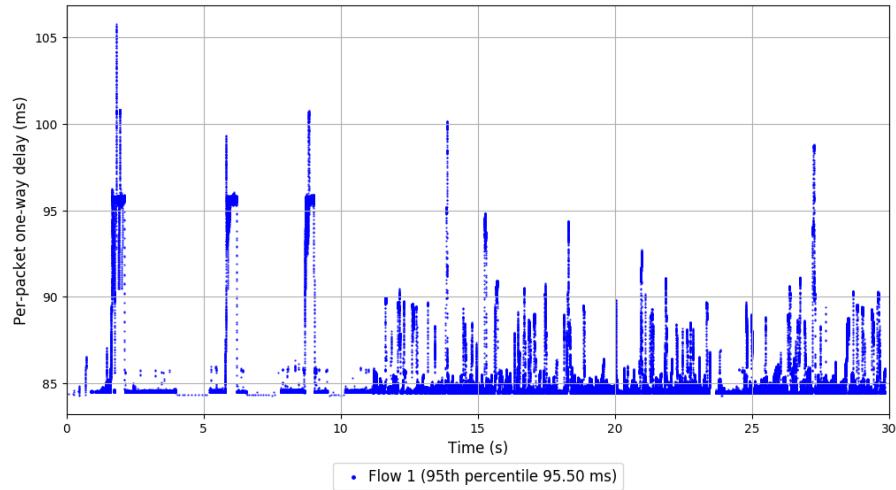
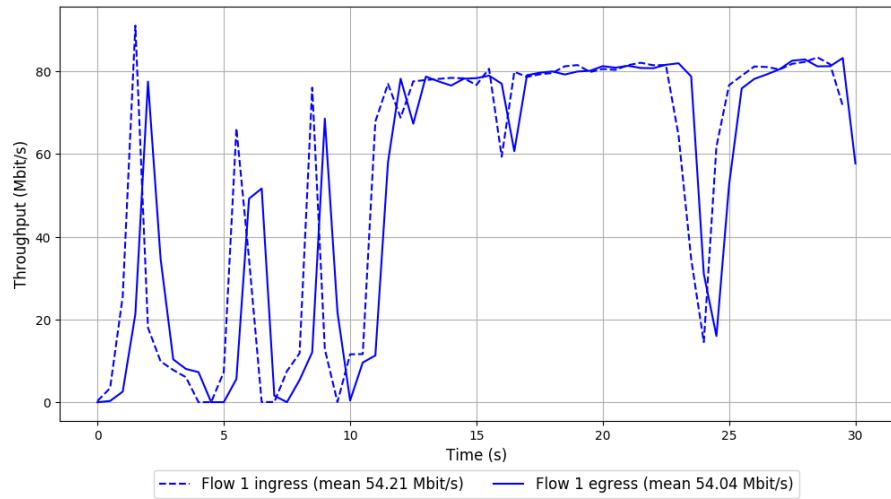


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-08-09 19:40:58
End at: 2018-08-09 19:41:28
Local clock offset: -2.86 ms
Remote clock offset: 3.481 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.04 Mbit/s
95th percentile per-packet one-way delay: 95.505 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 54.04 Mbit/s
95th percentile per-packet one-way delay: 95.505 ms
Loss rate: 0.87%
```

Run 8: Report of QUIC Cubic — Data Link

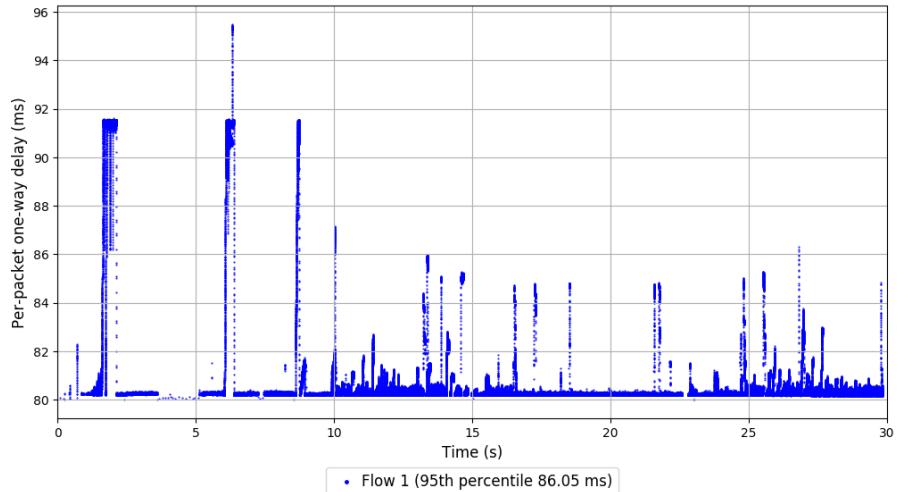
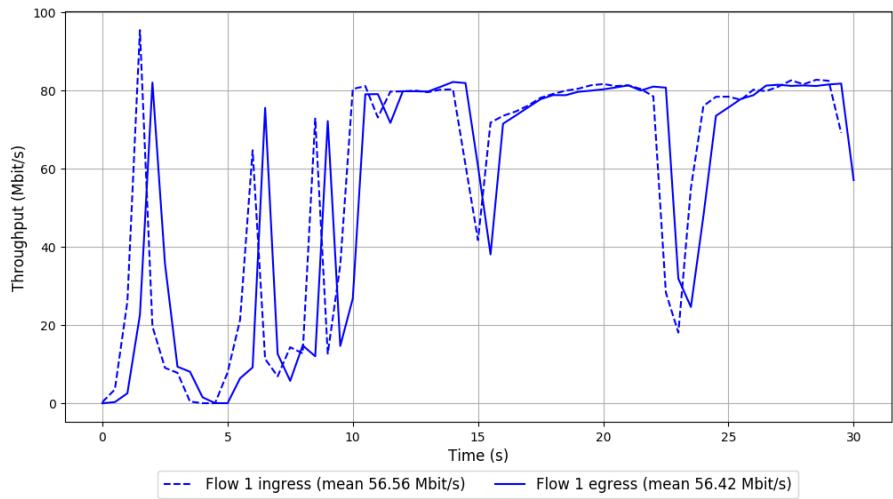


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-08-09 20:00:48
End at: 2018-08-09 20:01:18
Local clock offset: -2.078 ms
Remote clock offset: 6.108 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.42 Mbit/s
95th percentile per-packet one-way delay: 86.054 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 56.42 Mbit/s
95th percentile per-packet one-way delay: 86.054 ms
Loss rate: 0.80%
```

Run 9: Report of QUIC Cubic — Data Link

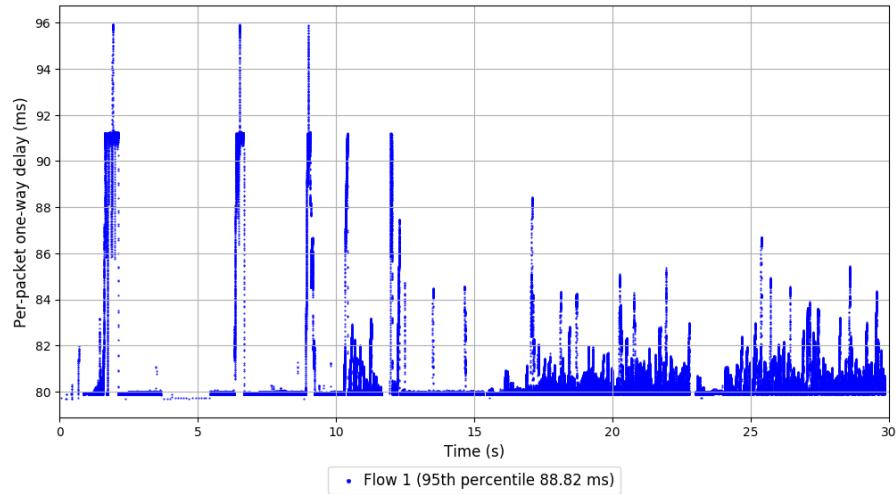
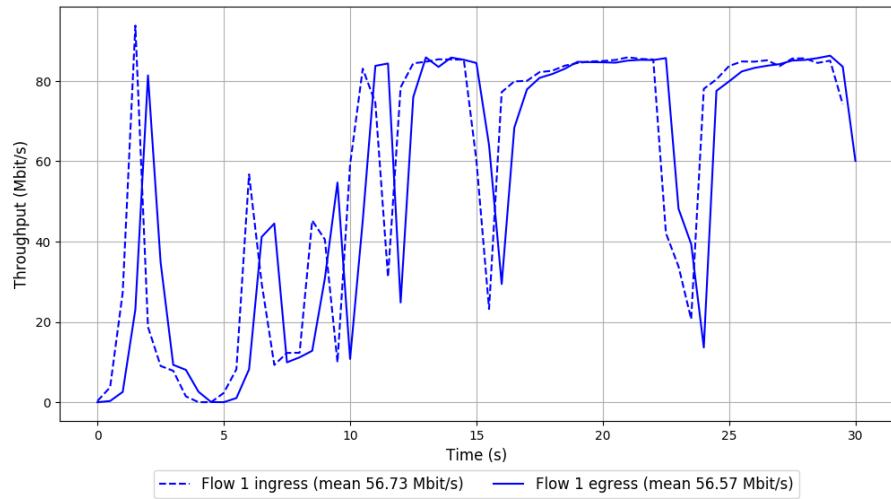


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-08-09 20:20:49
End at: 2018-08-09 20:21:19
Local clock offset: -2.525 ms
Remote clock offset: 6.086 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 88.818 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 88.818 ms
Loss rate: 0.83%
```

Run 10: Report of QUIC Cubic — Data Link

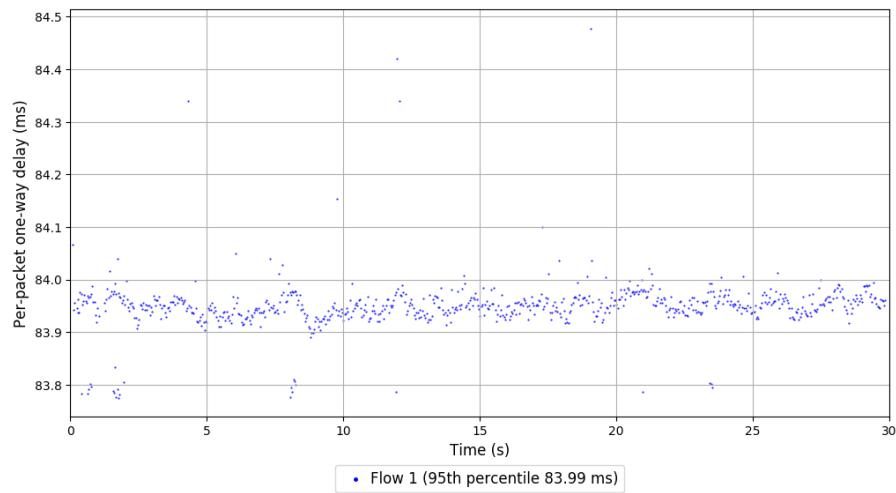
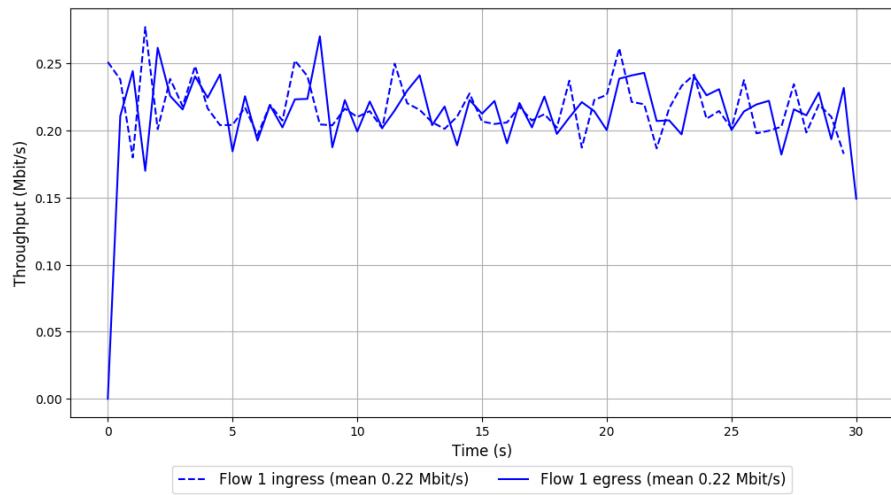


Run 1: Statistics of SCReAM

```
Start at: 2018-08-09 17:38:07
End at: 2018-08-09 17:38:37
Local clock offset: -8.05 ms
Remote clock offset: 3.701 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.990 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.990 ms
Loss rate: 0.51%
```

Run 1: Report of SCReAM — Data Link

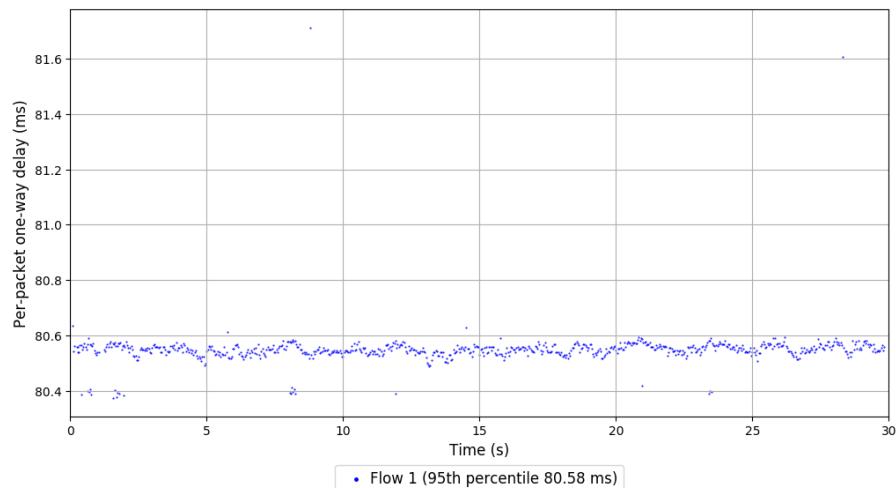
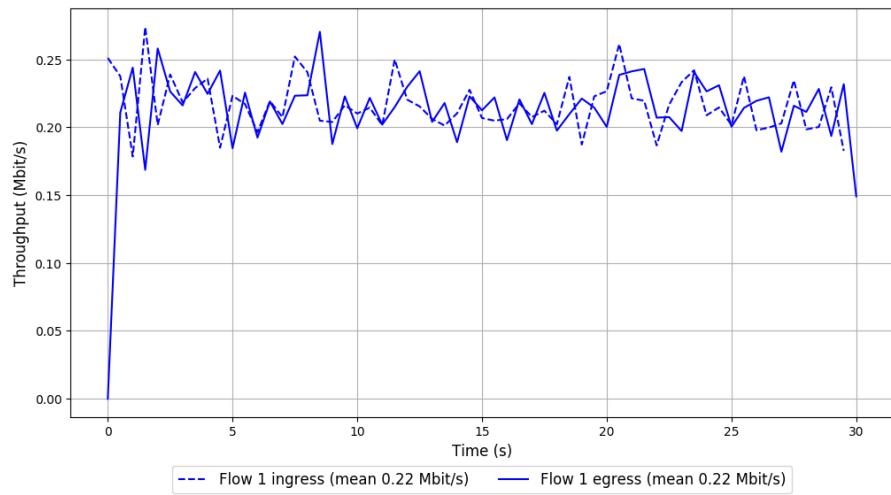


Run 2: Statistics of SCReAM

```
Start at: 2018-08-09 17:57:56
End at: 2018-08-09 17:58:26
Local clock offset: -7.981 ms
Remote clock offset: 7.822 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.578 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.578 ms
Loss rate: 0.51%
```

Run 2: Report of SCReAM — Data Link

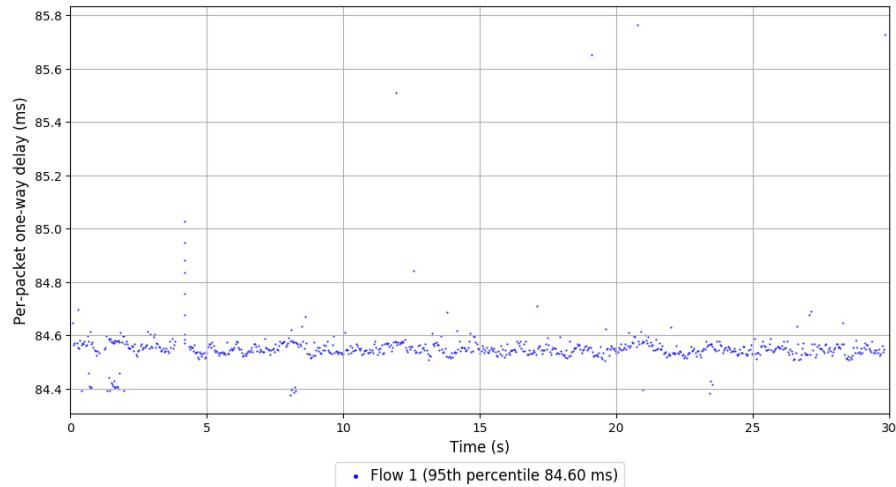
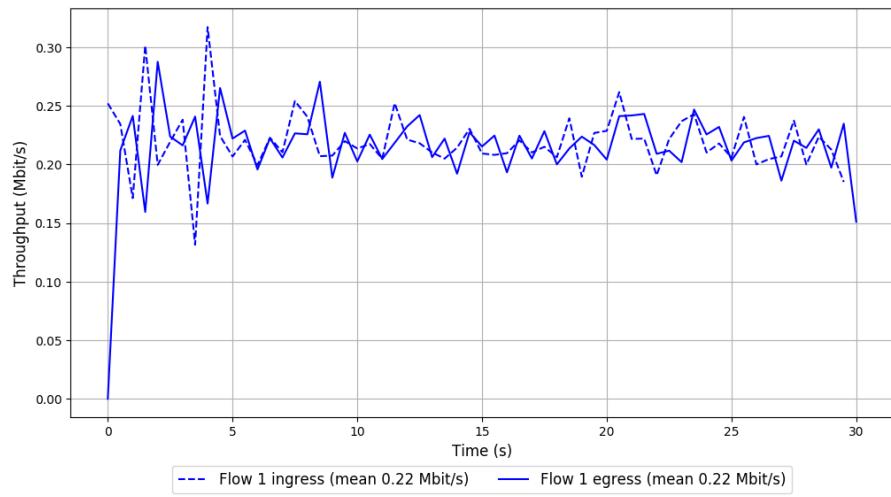


Run 3: Statistics of SCReAM

```
Start at: 2018-08-09 18:17:45
End at: 2018-08-09 18:18:15
Local clock offset: -8.045 ms
Remote clock offset: 4.435 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.598 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.598 ms
Loss rate: 0.51%
```

Run 3: Report of SCReAM — Data Link

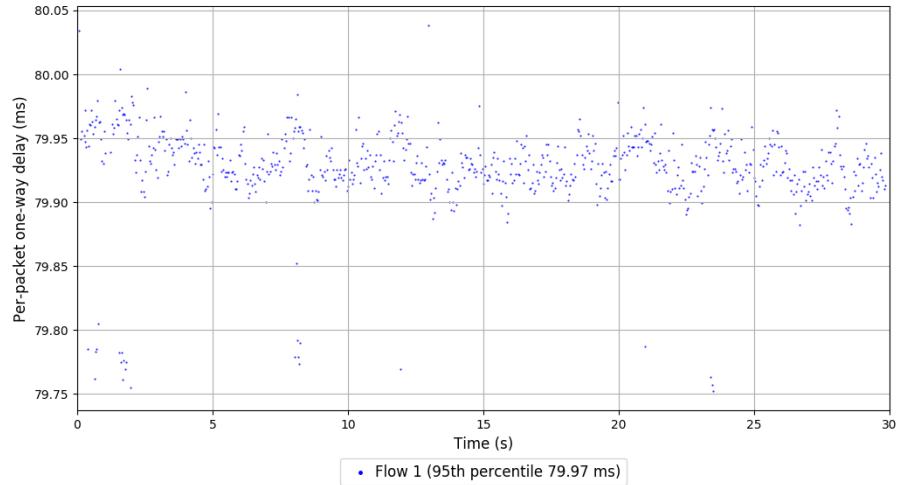
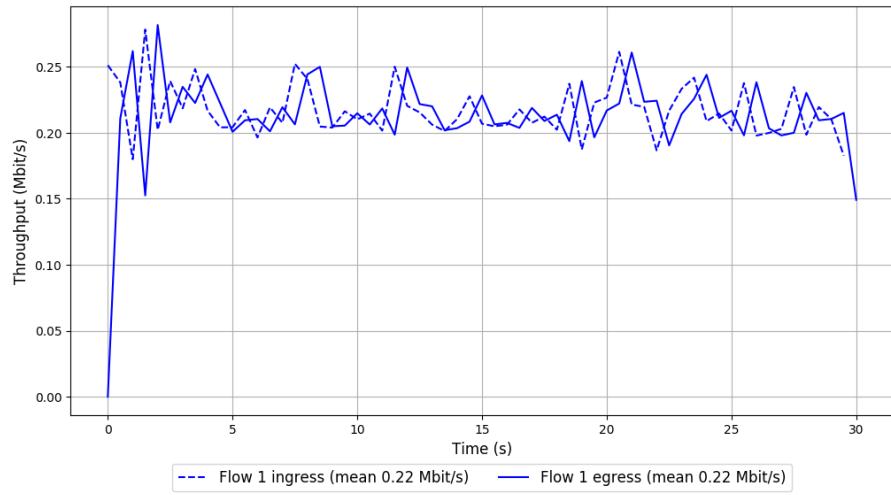


Run 4: Statistics of SCReAM

```
Start at: 2018-08-09 18:37:36
End at: 2018-08-09 18:38:06
Local clock offset: -8.018 ms
Remote clock offset: 8.342 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.965 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.965 ms
Loss rate: 0.51%
```

Run 4: Report of SCReAM — Data Link

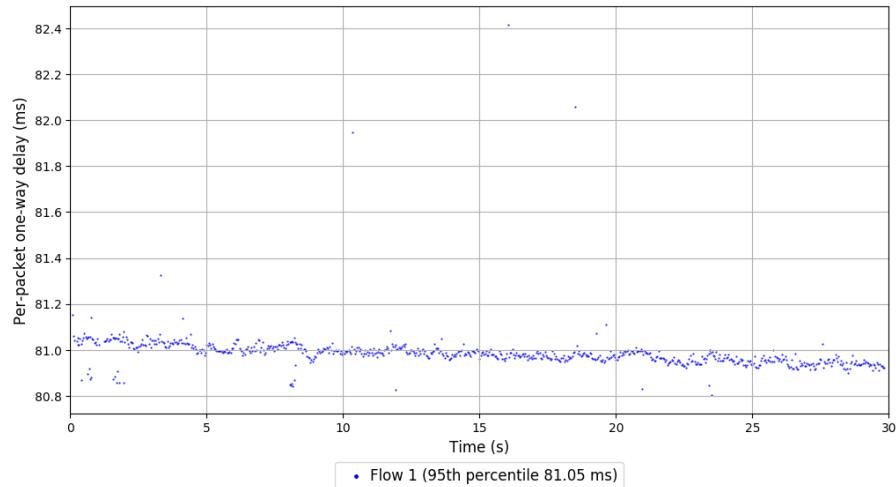
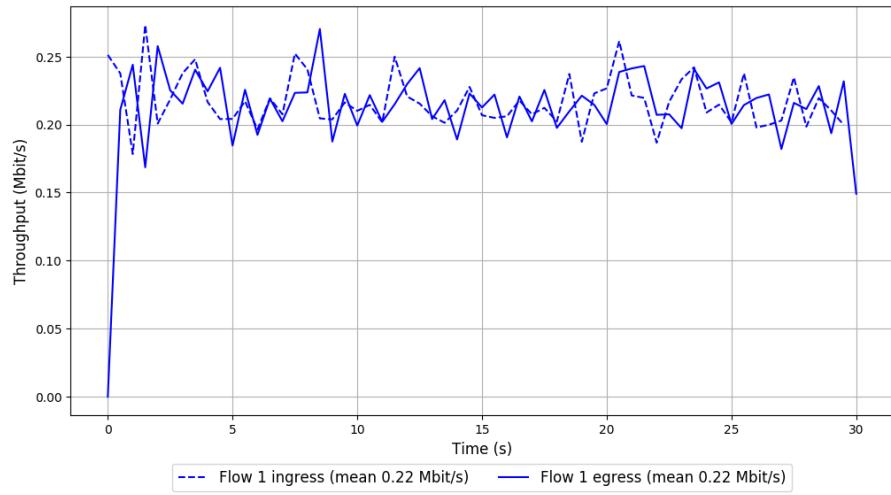


Run 5: Statistics of SCReAM

```
Start at: 2018-08-09 18:57:28
End at: 2018-08-09 18:57:58
Local clock offset: -3.829 ms
Remote clock offset: 7.843 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.048 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.048 ms
Loss rate: 0.64%
```

Run 5: Report of SCReAM — Data Link

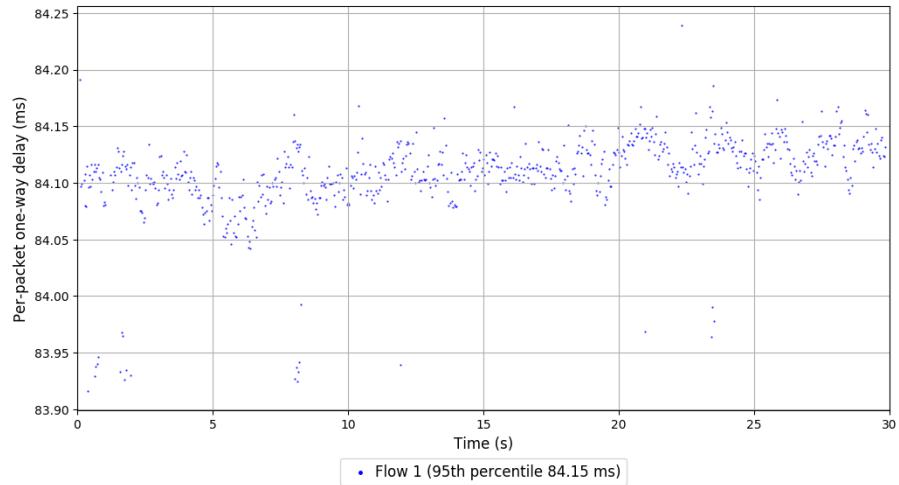
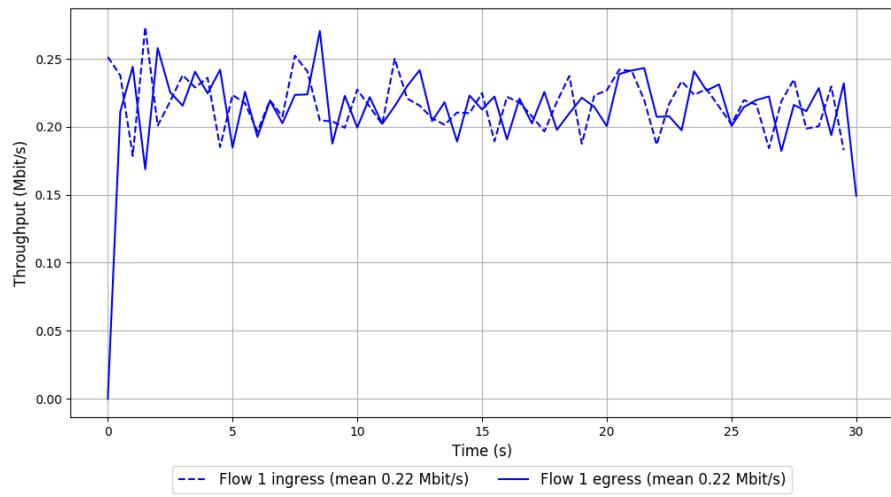


Run 6: Statistics of SCReAM

```
Start at: 2018-08-09 19:17:39
End at: 2018-08-09 19:18:09
Local clock offset: -2.072 ms
Remote clock offset: 3.788 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.147 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.147 ms
Loss rate: 0.51%
```

Run 6: Report of SCReAM — Data Link

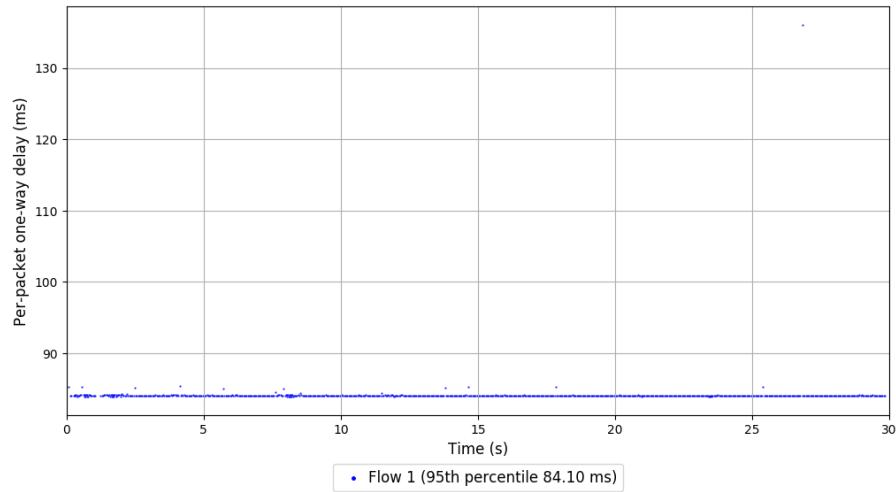
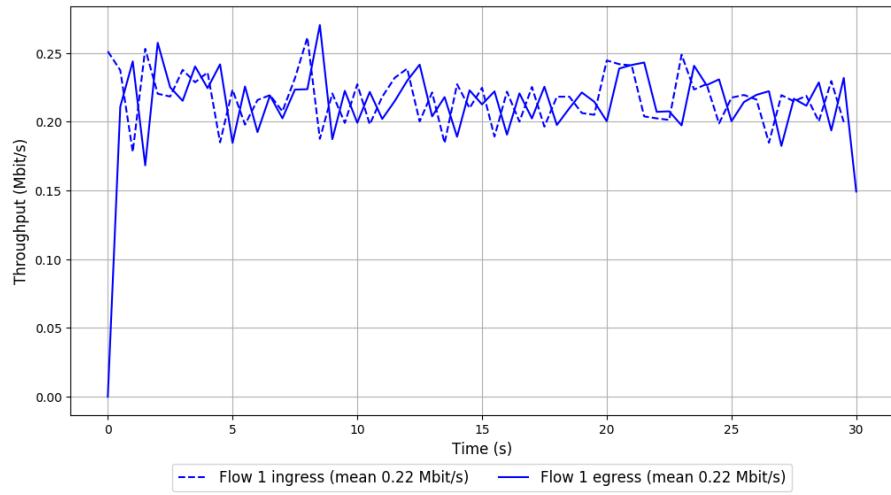


Run 7: Statistics of SCReAM

```
Start at: 2018-08-09 19:37:27
End at: 2018-08-09 19:37:58
Local clock offset: -2.857 ms
Remote clock offset: 3.422 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.097 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.097 ms
Loss rate: 0.64%
```

Run 7: Report of SCReAM — Data Link

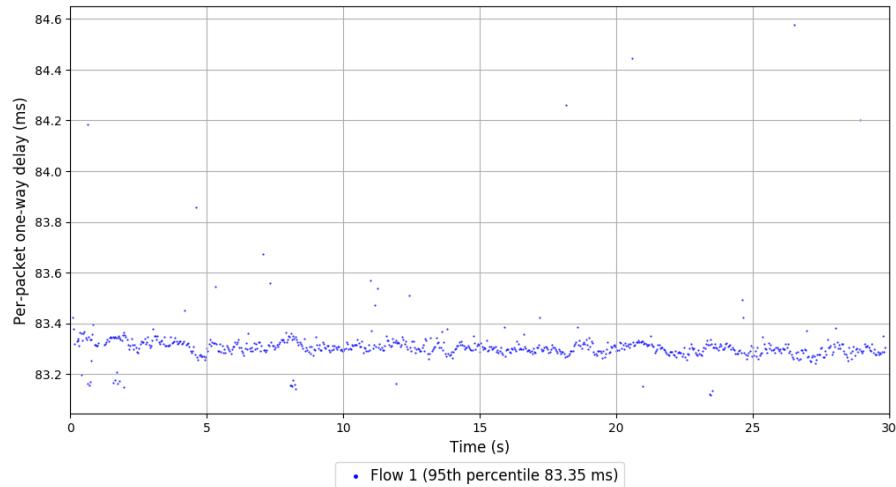
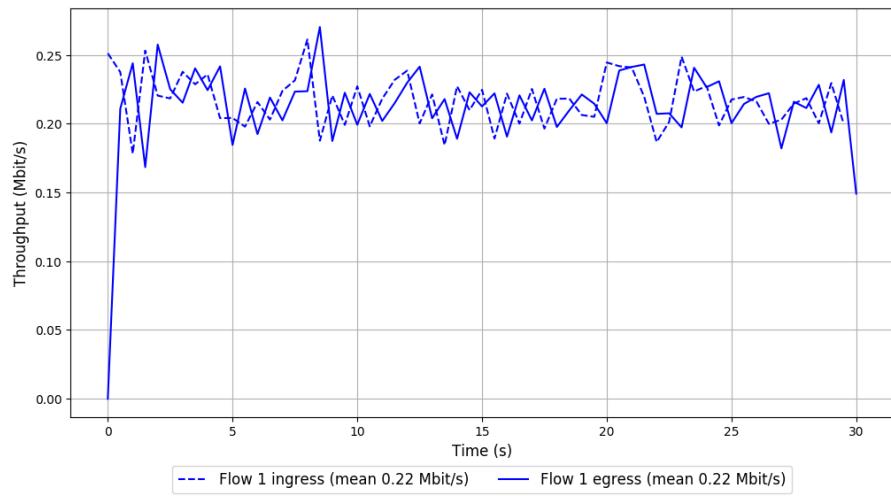


Run 8: Statistics of SCReAM

```
Start at: 2018-08-09 19:57:17
End at: 2018-08-09 19:57:47
Local clock offset: -2.196 ms
Remote clock offset: 2.904 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.354 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.354 ms
Loss rate: 0.64%
```

Run 8: Report of SCReAM — Data Link

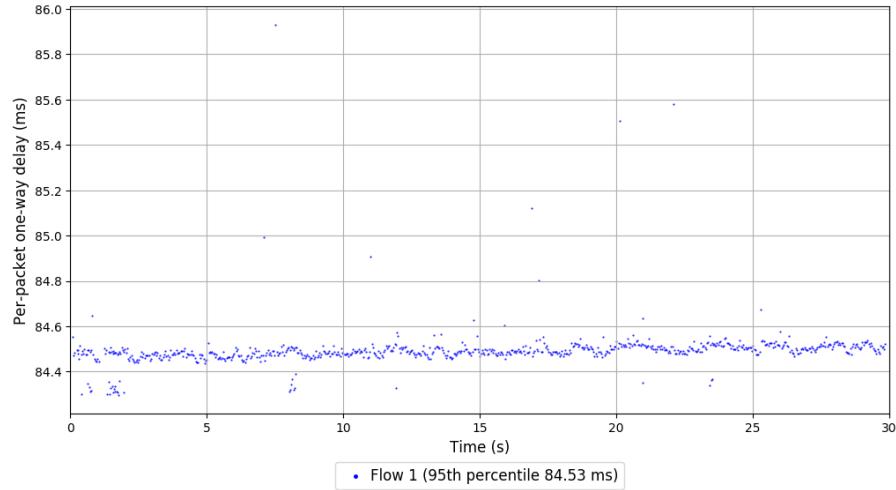
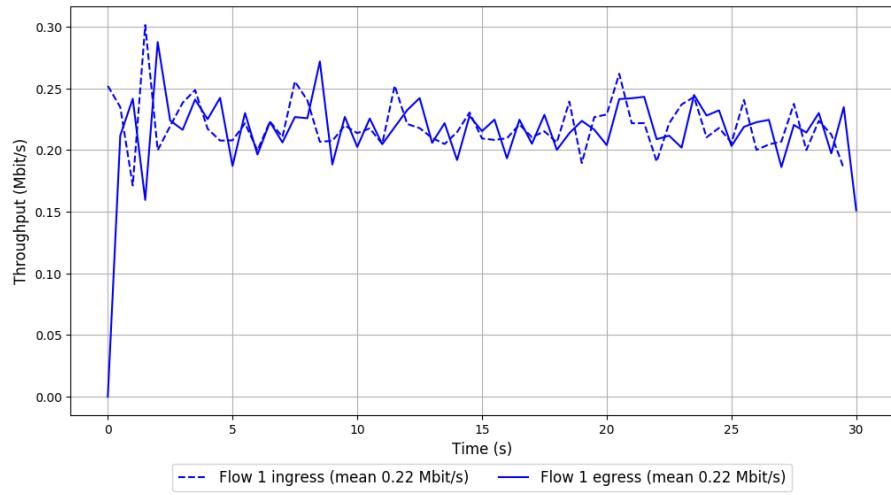


Run 9: Statistics of SCReAM

```
Start at: 2018-08-09 20:17:18
End at: 2018-08-09 20:17:48
Local clock offset: -1.898 ms
Remote clock offset: 2.917 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.534 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.534 ms
Loss rate: 0.51%
```

Run 9: Report of SCReAM — Data Link

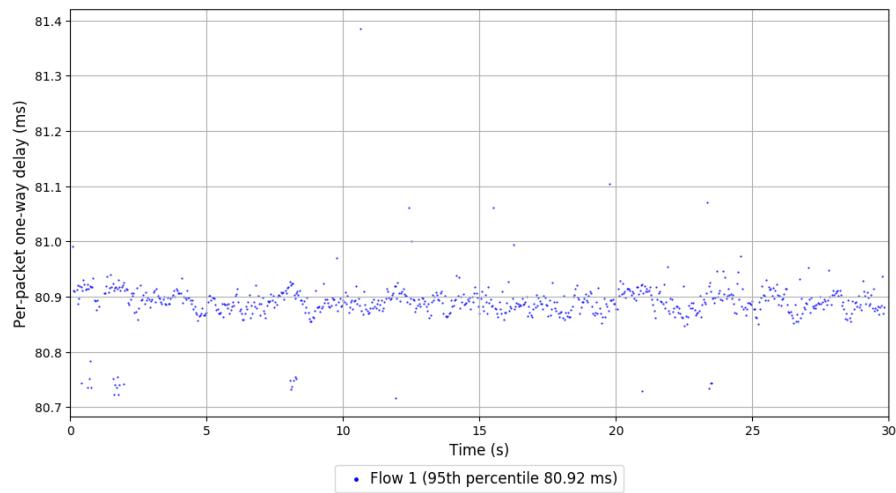
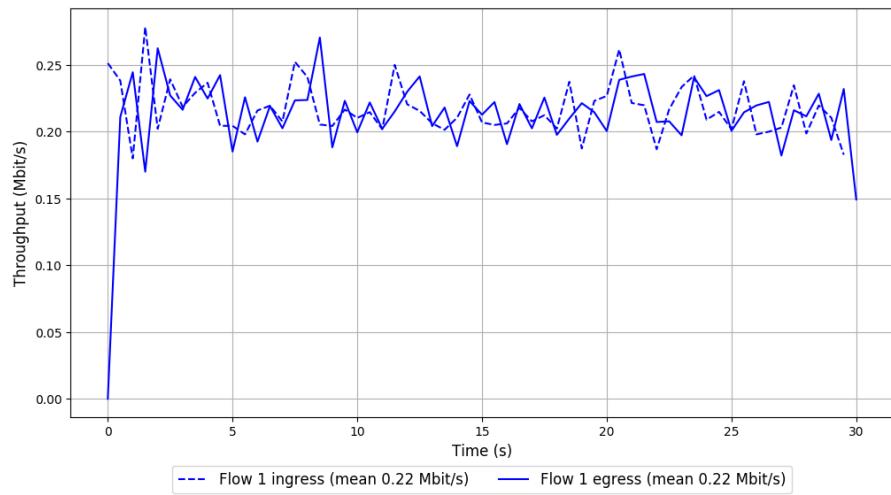


Run 10: Statistics of SCReAM

```
Start at: 2018-08-09 20:37:13
End at: 2018-08-09 20:37:43
Local clock offset: -3.535 ms
Remote clock offset: 5.35 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.924 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.924 ms
Loss rate: 0.51%
```

Run 10: Report of SCReAM — Data Link

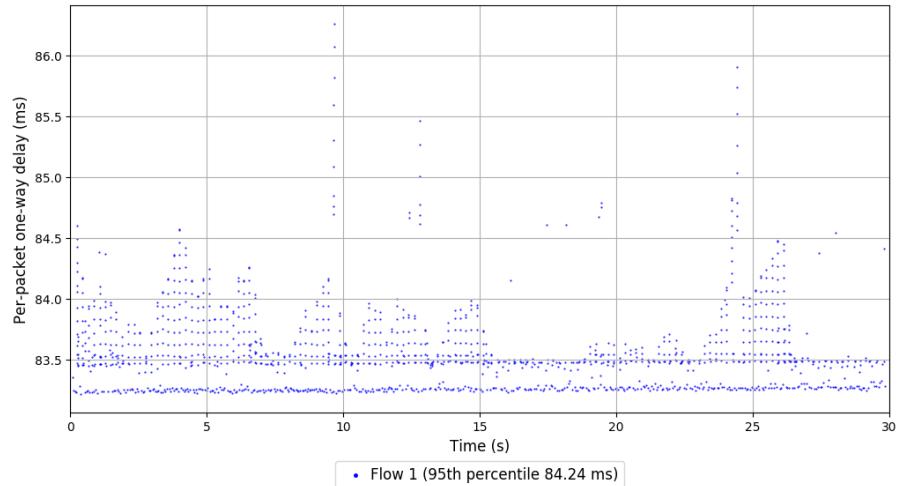
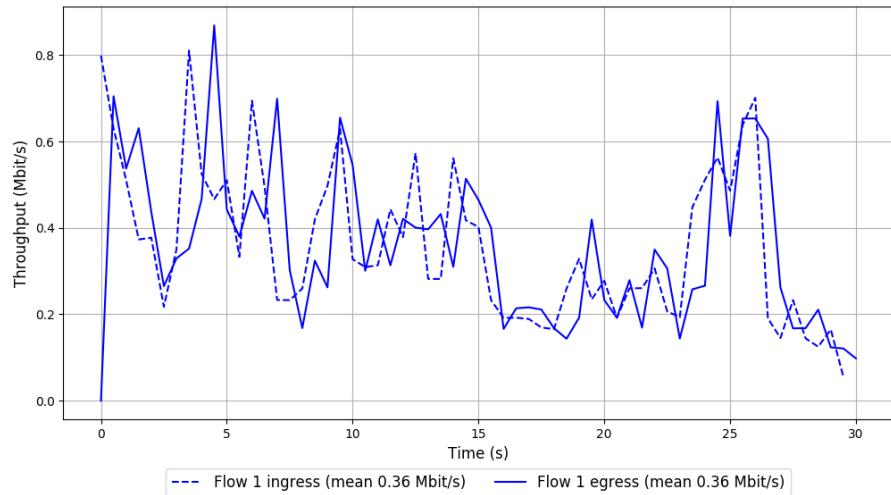


Run 1: Statistics of Sprout

```
Start at: 2018-08-09 17:31:14
End at: 2018-08-09 17:31:44
Local clock offset: -8.0 ms
Remote clock offset: 3.78 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 84.241 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 84.241 ms
Loss rate: 0.02%
```

Run 1: Report of Sprout — Data Link

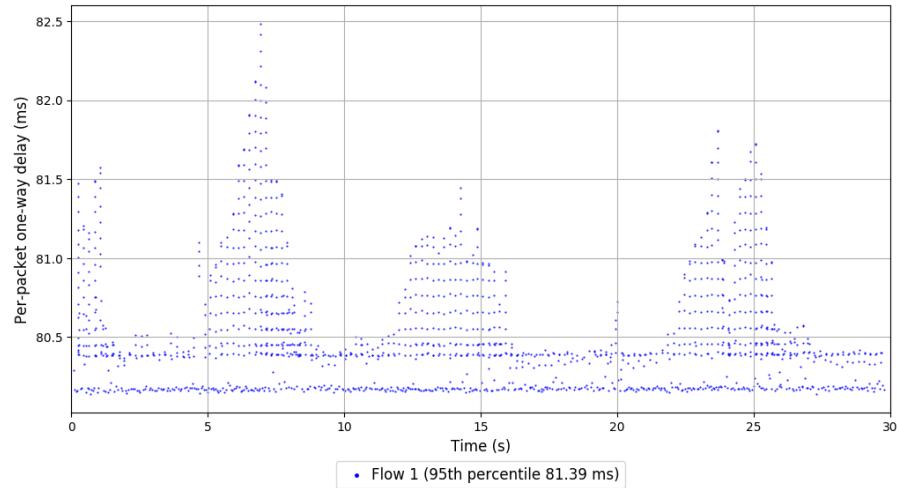
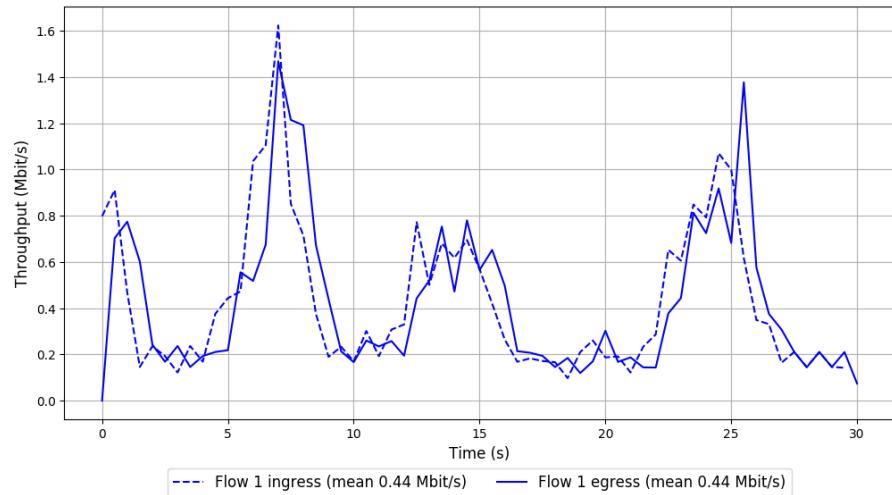


Run 2: Statistics of Sprout

```
Start at: 2018-08-09 17:51:03
End at: 2018-08-09 17:51:33
Local clock offset: -8.012 ms
Remote clock offset: 7.869 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 81.388 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 81.388 ms
Loss rate: 0.27%
```

Run 2: Report of Sprout — Data Link

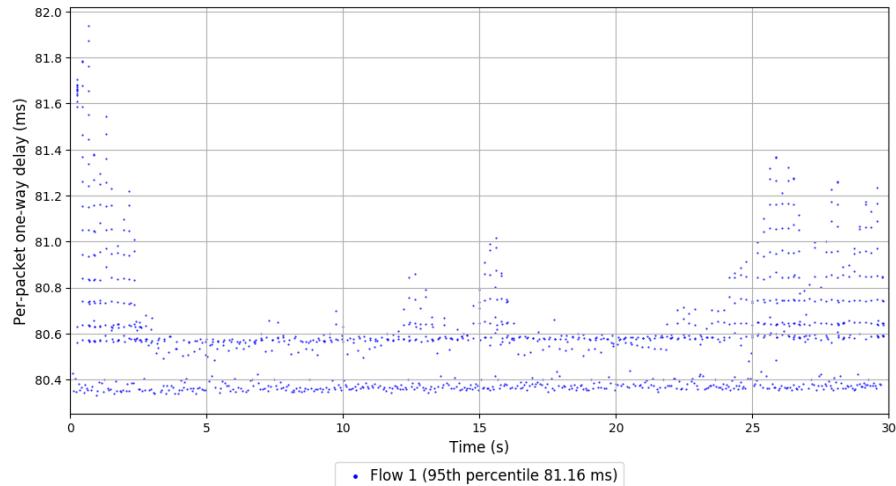
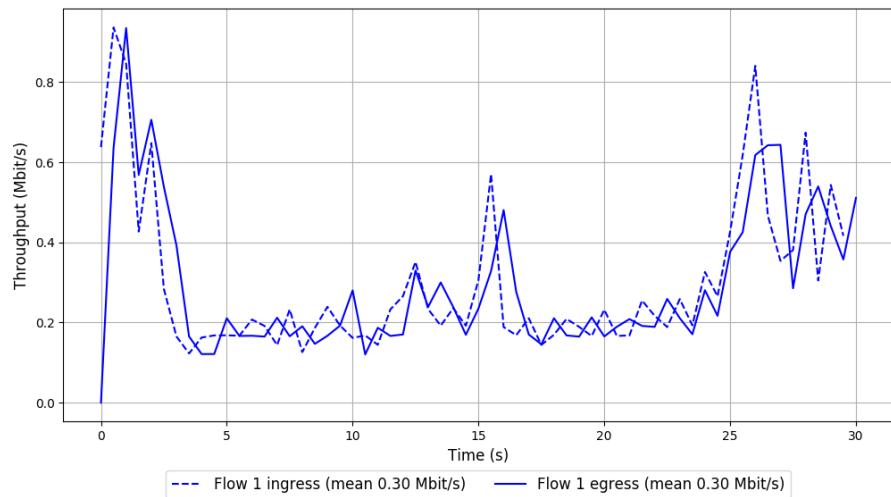


Run 3: Statistics of Sprout

```
Start at: 2018-08-09 18:10:51
End at: 2018-08-09 18:11:21
Local clock offset: -8.036 ms
Remote clock offset: 7.801 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 81.162 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 81.162 ms
Loss rate: 0.51%
```

Run 3: Report of Sprout — Data Link

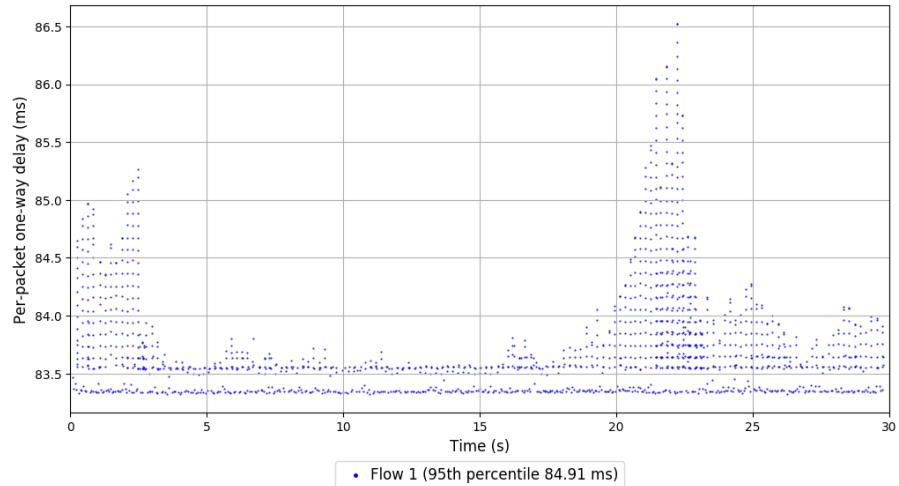
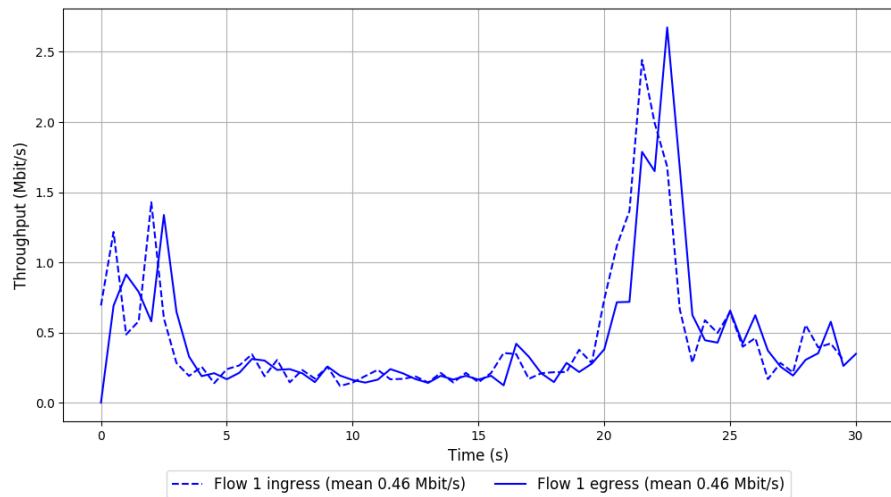


Run 4: Statistics of Sprout

```
Start at: 2018-08-09 18:30:43
End at: 2018-08-09 18:31:13
Local clock offset: -7.995 ms
Remote clock offset: 5.199 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 84.907 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 84.907 ms
Loss rate: 0.50%
```

Run 4: Report of Sprout — Data Link

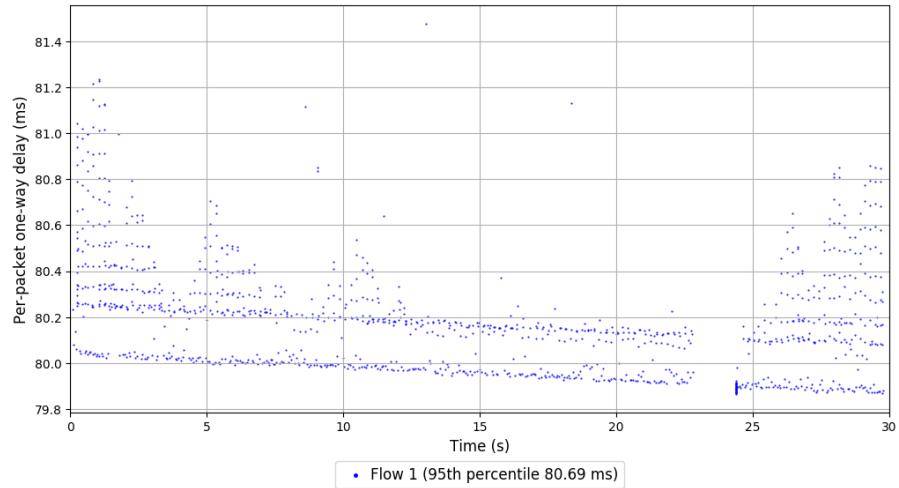
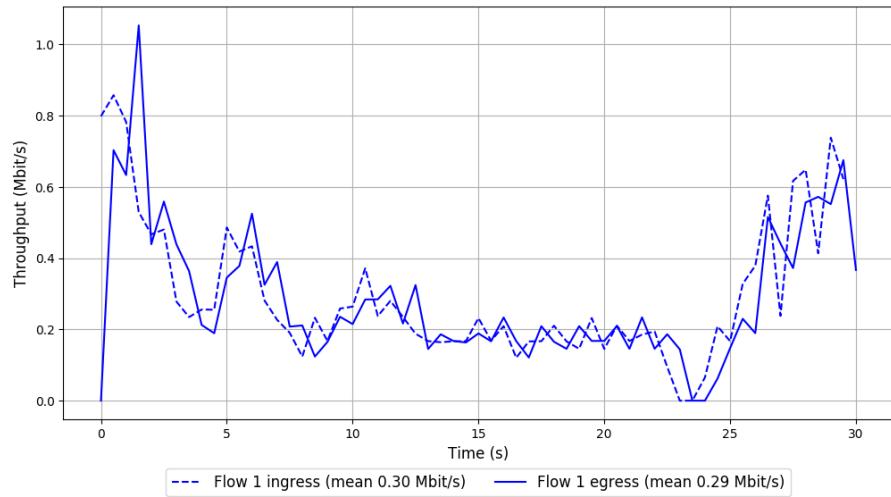


Run 5: Statistics of Sprout

```
Start at: 2018-08-09 18:50:34
End at: 2018-08-09 18:51:04
Local clock offset: -5.74 ms
Remote clock offset: 8.635 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 80.691 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 80.691 ms
Loss rate: 1.80%
```

Run 5: Report of Sprout — Data Link

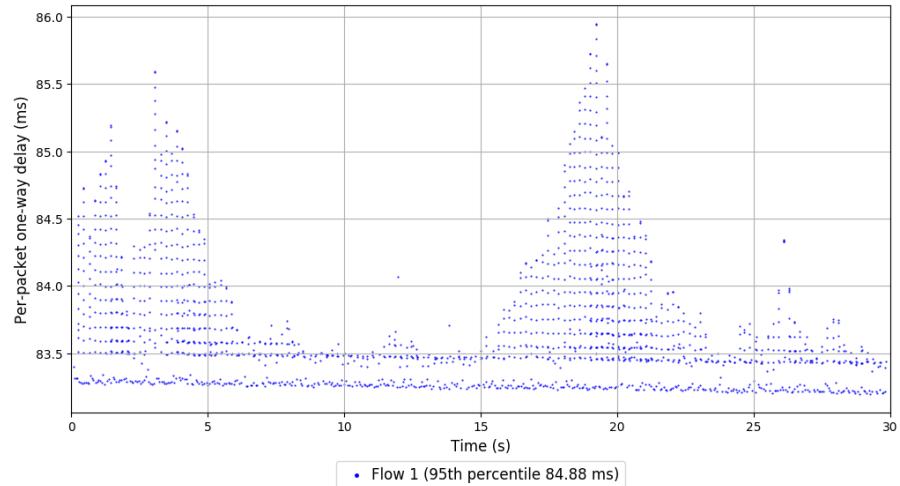
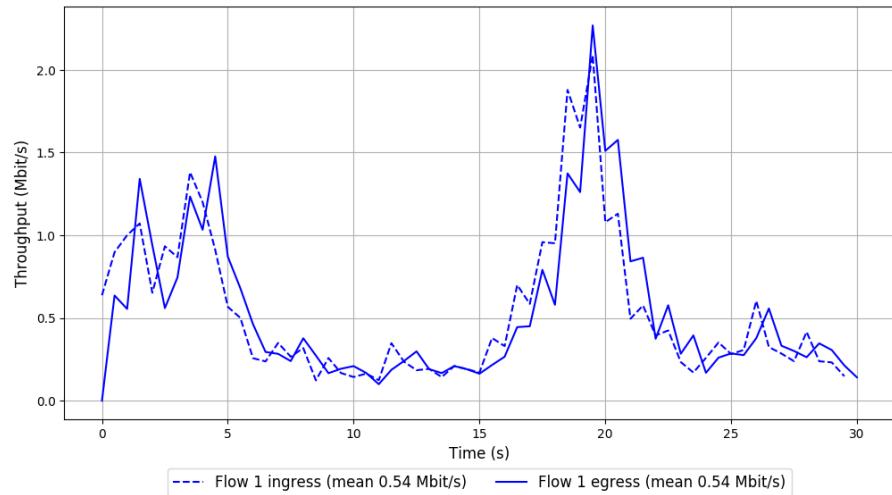


Run 6: Statistics of Sprout

```
Start at: 2018-08-09 19:10:45
End at: 2018-08-09 19:11:15
Local clock offset: -2.081 ms
Remote clock offset: 4.248 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 84.879 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 84.879 ms
Loss rate: 0.09%
```

Run 6: Report of Sprout — Data Link

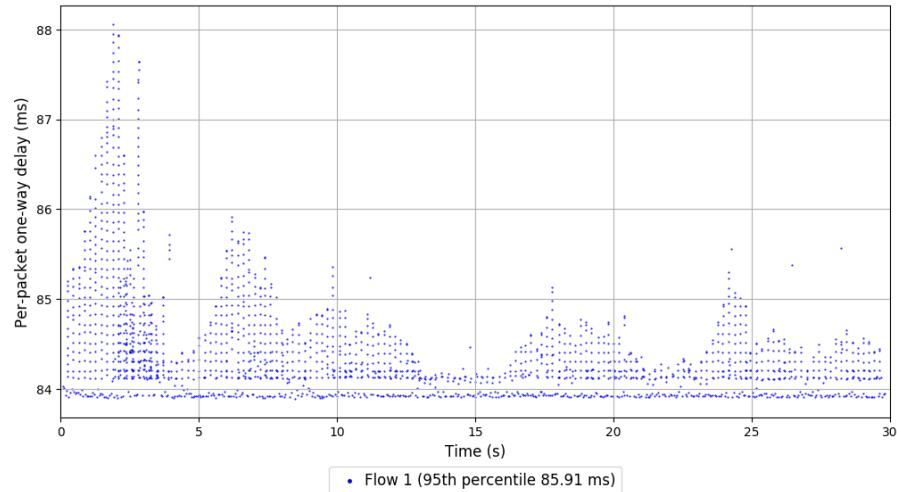
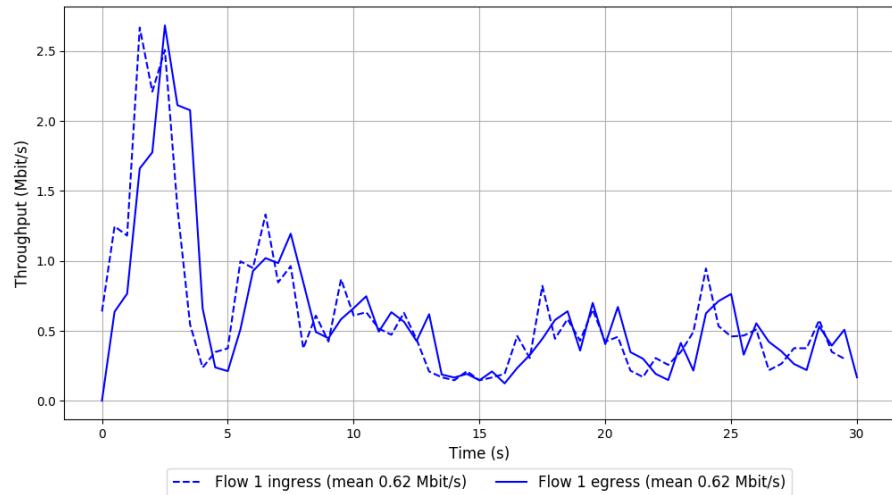


Run 7: Statistics of Sprout

```
Start at: 2018-08-09 19:30:34
End at: 2018-08-09 19:31:04
Local clock offset: -2.862 ms
Remote clock offset: 3.935 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 85.909 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 85.909 ms
Loss rate: 0.43%
```

Run 7: Report of Sprout — Data Link

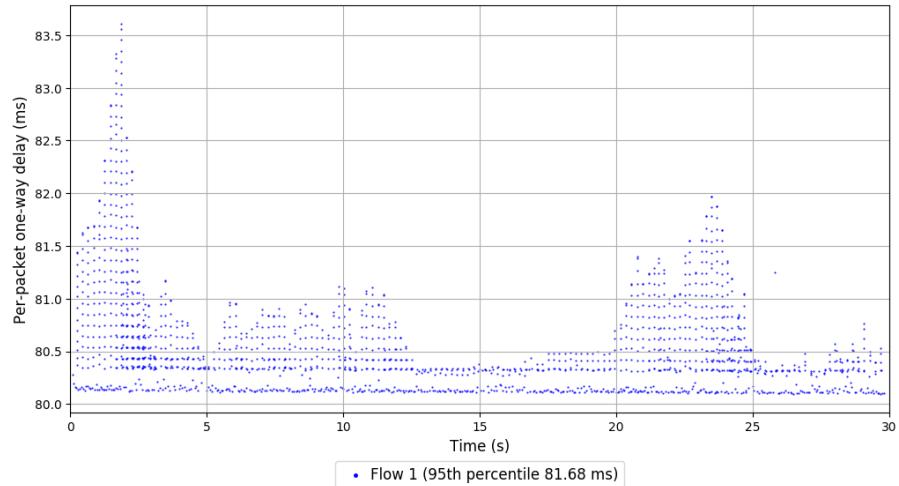
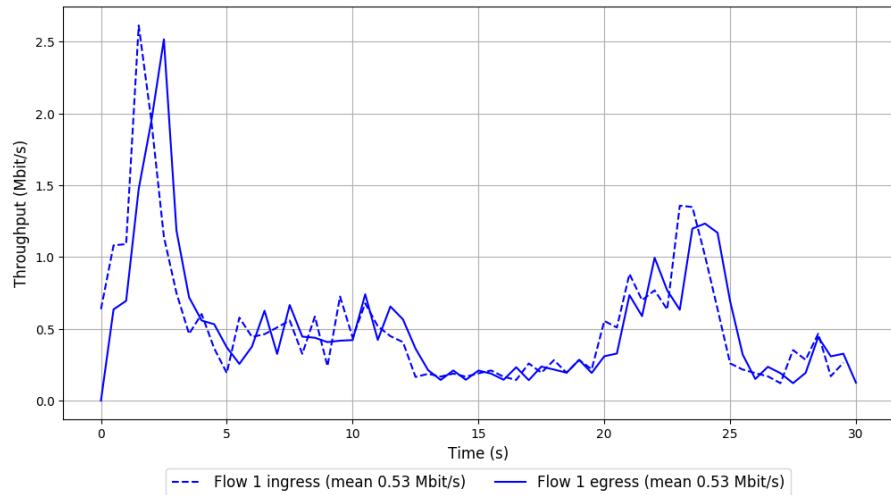


Run 8: Statistics of Sprout

```
Start at: 2018-08-09 19:50:24
End at: 2018-08-09 19:50:54
Local clock offset: -2.557 ms
Remote clock offset: 6.525 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 81.676 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 81.676 ms
Loss rate: 0.45%
```

Run 8: Report of Sprout — Data Link

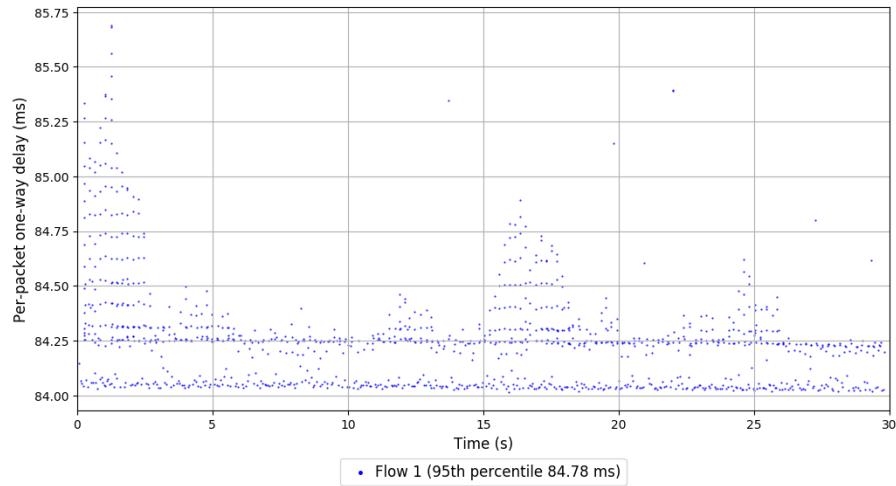
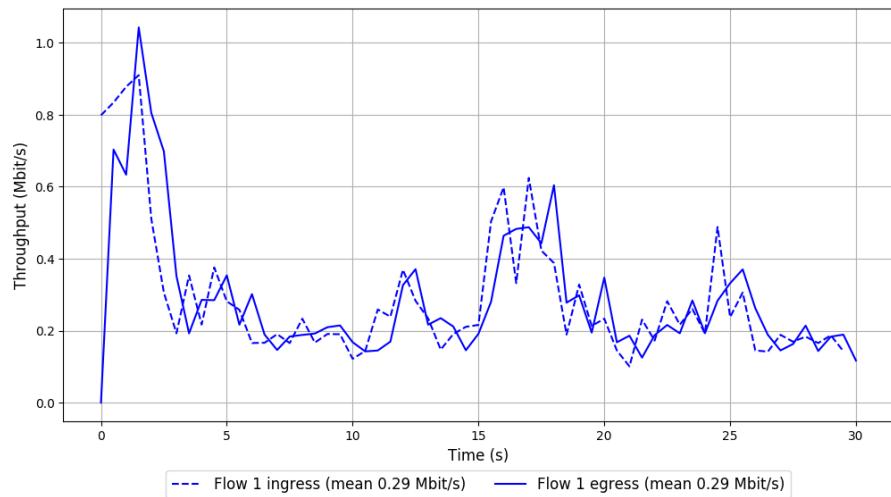


Run 9: Statistics of Sprout

```
Start at: 2018-08-09 20:10:24
End at: 2018-08-09 20:10:54
Local clock offset: -1.732 ms
Remote clock offset: 2.803 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 84.785 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 84.785 ms
Loss rate: 0.28%
```

Run 9: Report of Sprout — Data Link

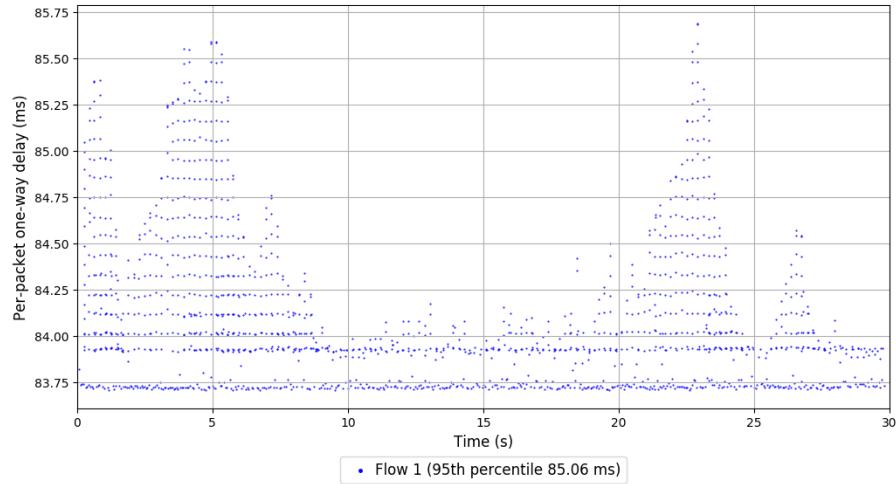
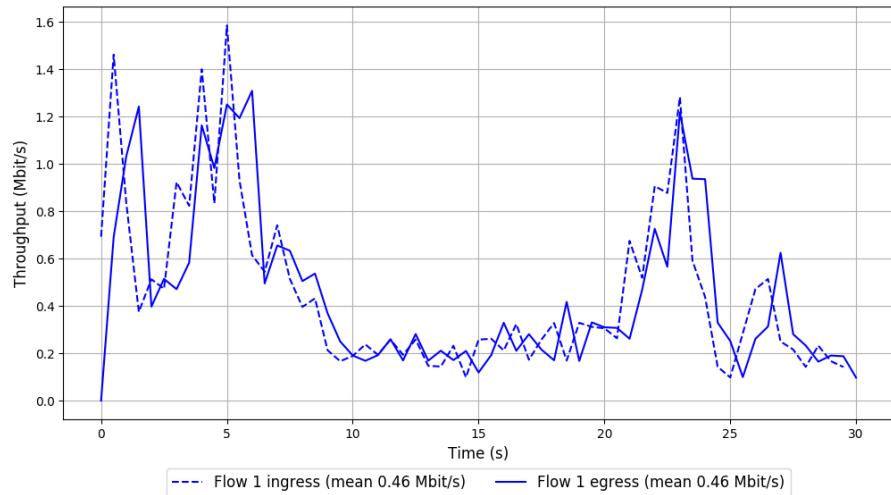


Run 10: Statistics of Sprout

```
Start at: 2018-08-09 20:30:18
End at: 2018-08-09 20:30:48
Local clock offset: -3.398 ms
Remote clock offset: 2.292 ms

# Below is generated by plot.py at 2018-08-09 20:55:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 85.065 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 85.065 ms
Loss rate: 0.25%
```

Run 10: Report of Sprout — Data Link

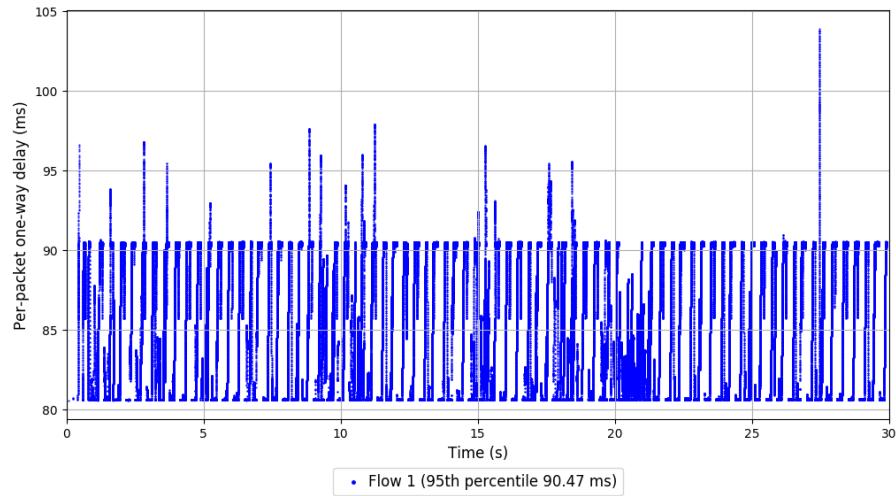
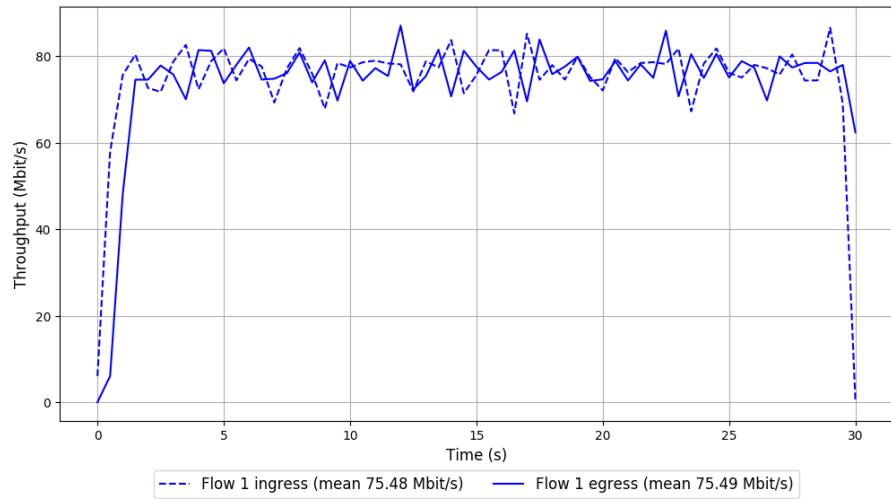


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-08-09 17:27:37
End at: 2018-08-09 17:28:07
Local clock offset: -8.113 ms
Remote clock offset: 6.772 ms

# Below is generated by plot.py at 2018-08-09 20:56:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.49 Mbit/s
95th percentile per-packet one-way delay: 90.471 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 75.49 Mbit/s
95th percentile per-packet one-way delay: 90.471 ms
Loss rate: 0.54%
```

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

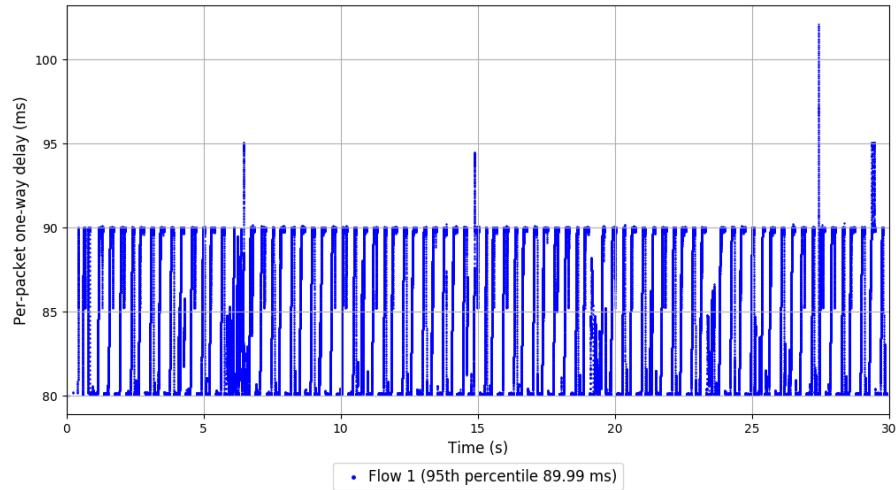
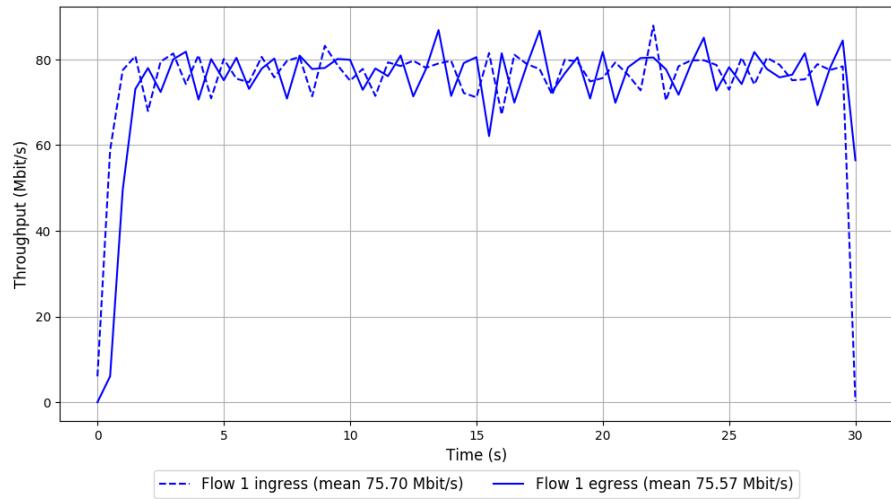


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-08-09 17:47:26
End at: 2018-08-09 17:47:56
Local clock offset: -8.093 ms
Remote clock offset: 7.887 ms

# Below is generated by plot.py at 2018-08-09 20:56:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.57 Mbit/s
95th percentile per-packet one-way delay: 89.986 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 75.57 Mbit/s
95th percentile per-packet one-way delay: 89.986 ms
Loss rate: 0.72%
```

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

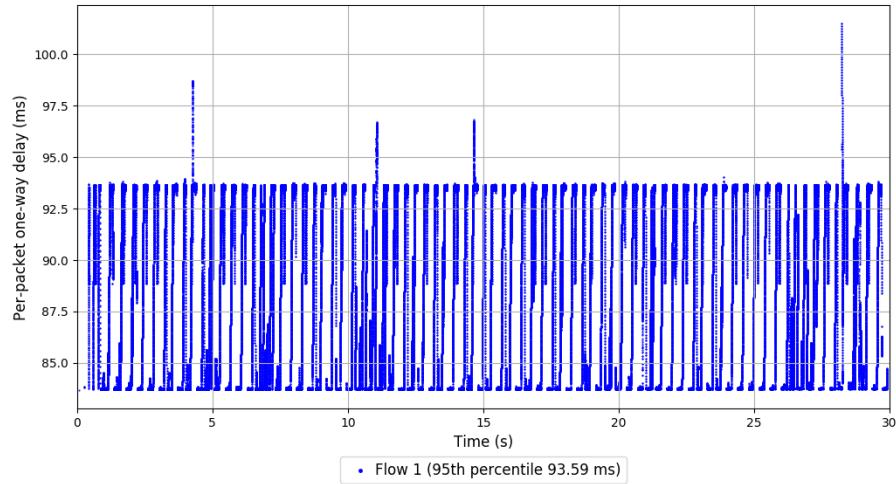
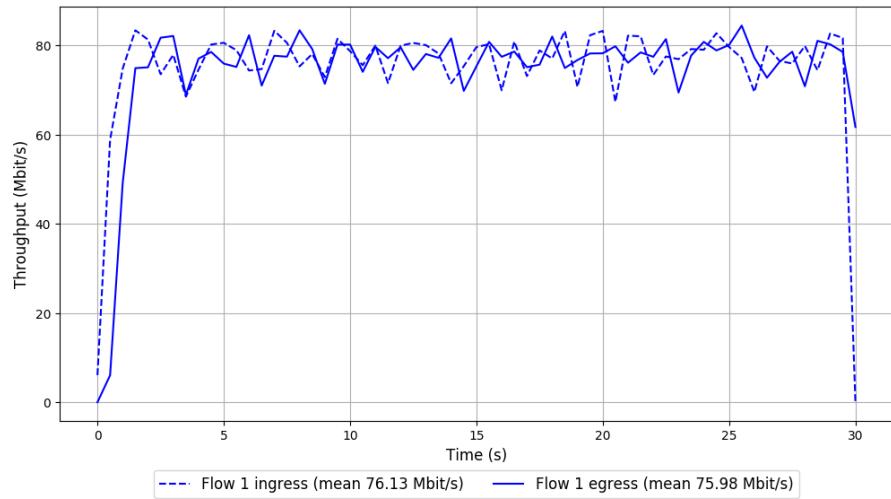


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-08-09 18:07:14
End at: 2018-08-09 18:07:44
Local clock offset: -8.018 ms
Remote clock offset: 4.768 ms

# Below is generated by plot.py at 2018-08-09 20:56:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.98 Mbit/s
95th percentile per-packet one-way delay: 93.591 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 75.98 Mbit/s
95th percentile per-packet one-way delay: 93.591 ms
Loss rate: 0.73%
```

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

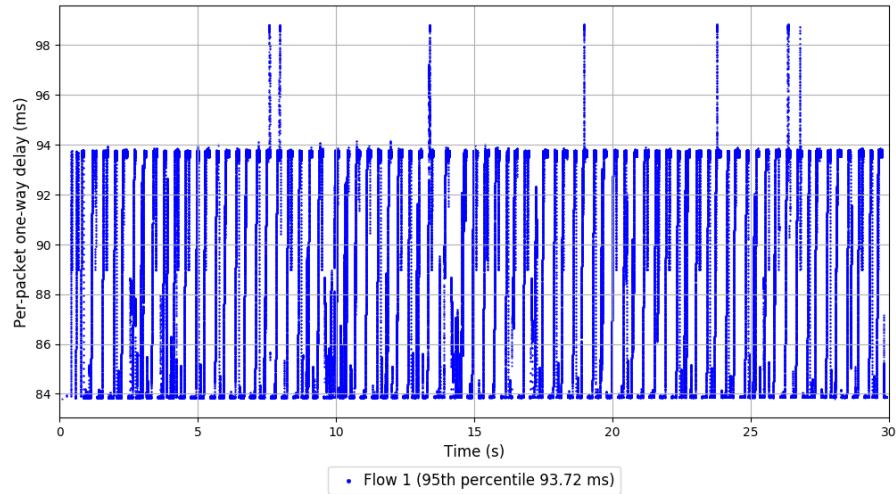
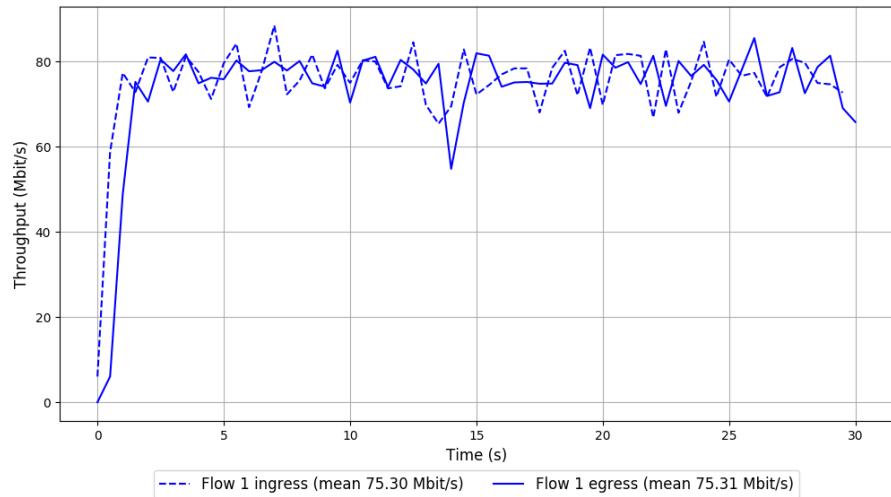


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-08-09 18:27:06
End at: 2018-08-09 18:27:36
Local clock offset: -7.995 ms
Remote clock offset: 4.755 ms

# Below is generated by plot.py at 2018-08-09 20:56:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.31 Mbit/s
95th percentile per-packet one-way delay: 93.724 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 75.31 Mbit/s
95th percentile per-packet one-way delay: 93.724 ms
Loss rate: 0.53%
```

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

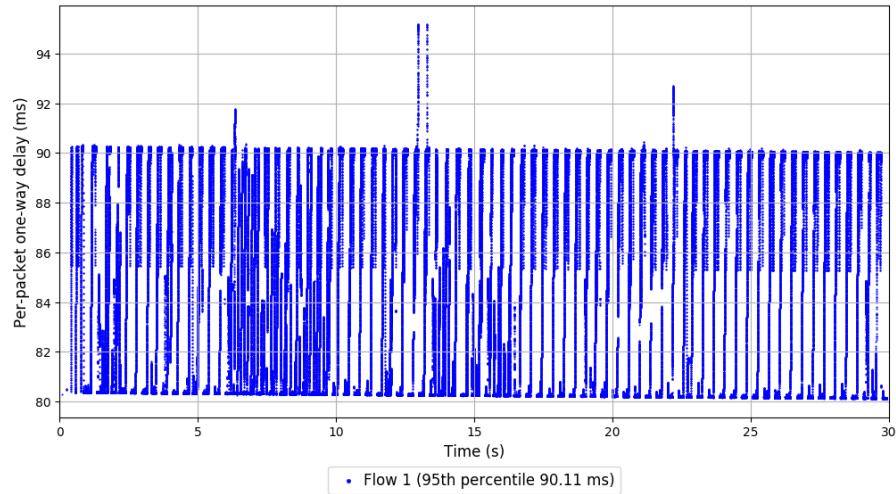
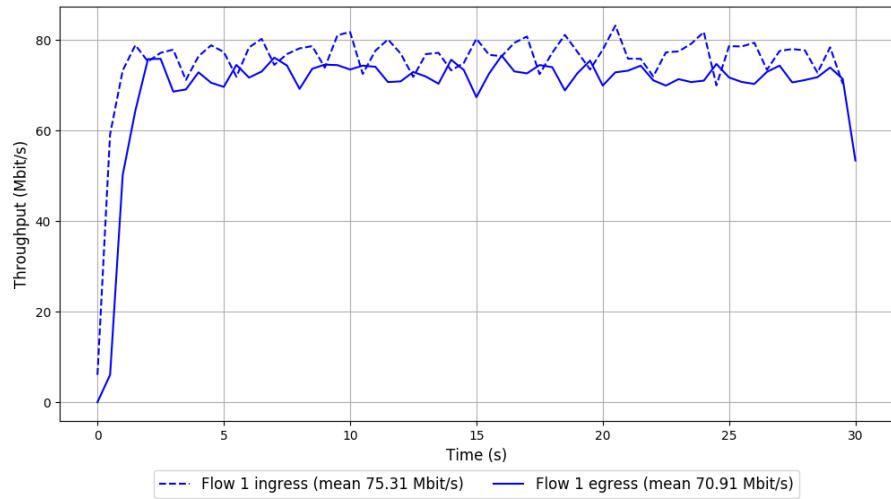


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-08-09 18:46:56
End at: 2018-08-09 18:47:26
Local clock offset: -7.386 ms
Remote clock offset: 8.169 ms

# Below is generated by plot.py at 2018-08-09 20:56:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.91 Mbit/s
95th percentile per-packet one-way delay: 90.105 ms
Loss rate: 6.36%
-- Flow 1:
Average throughput: 70.91 Mbit/s
95th percentile per-packet one-way delay: 90.105 ms
Loss rate: 6.36%
```

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

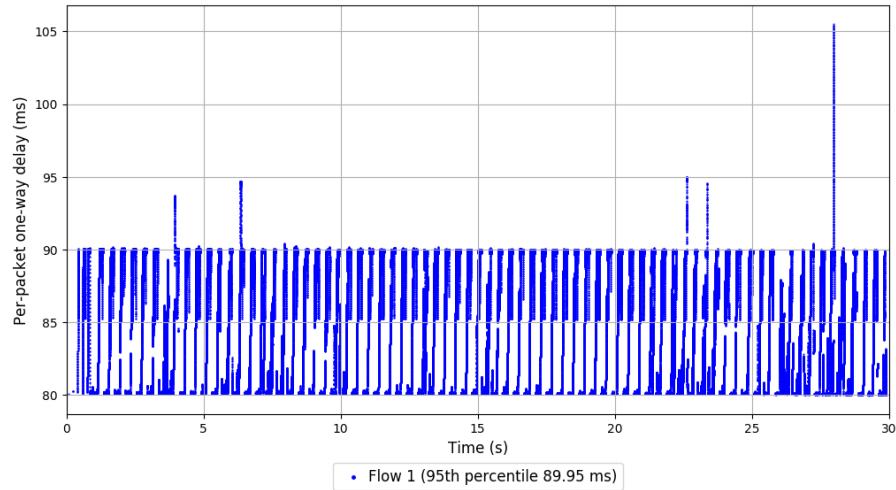
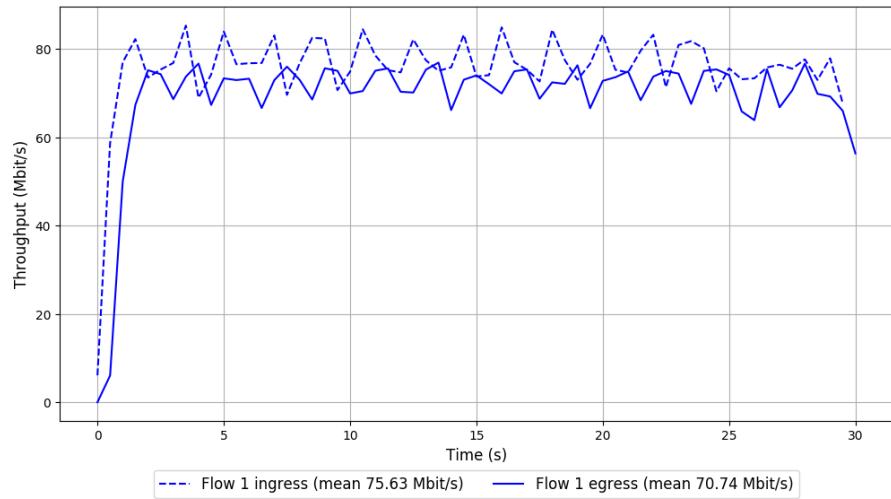


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-08-09 19:06:58
End at: 2018-08-09 19:07:28
Local clock offset: -2.481 ms
Remote clock offset: 8.734 ms

# Below is generated by plot.py at 2018-08-09 20:56:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.74 Mbit/s
95th percentile per-packet one-way delay: 89.946 ms
Loss rate: 6.99%
-- Flow 1:
Average throughput: 70.74 Mbit/s
95th percentile per-packet one-way delay: 89.946 ms
Loss rate: 6.99%
```

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

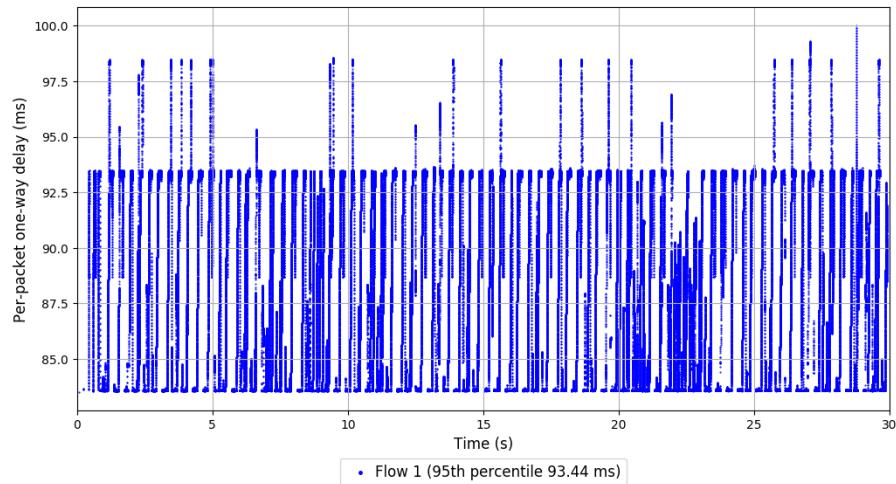
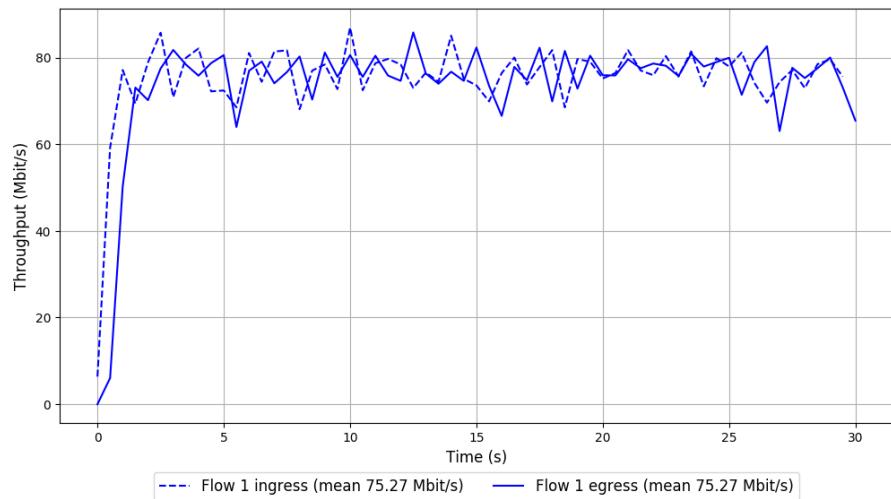


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-08-09 19:26:57
End at: 2018-08-09 19:27:27
Local clock offset: -2.794 ms
Remote clock offset: 3.902 ms

# Below is generated by plot.py at 2018-08-09 20:56:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: 93.436 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: 93.436 ms
Loss rate: 0.56%
```

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

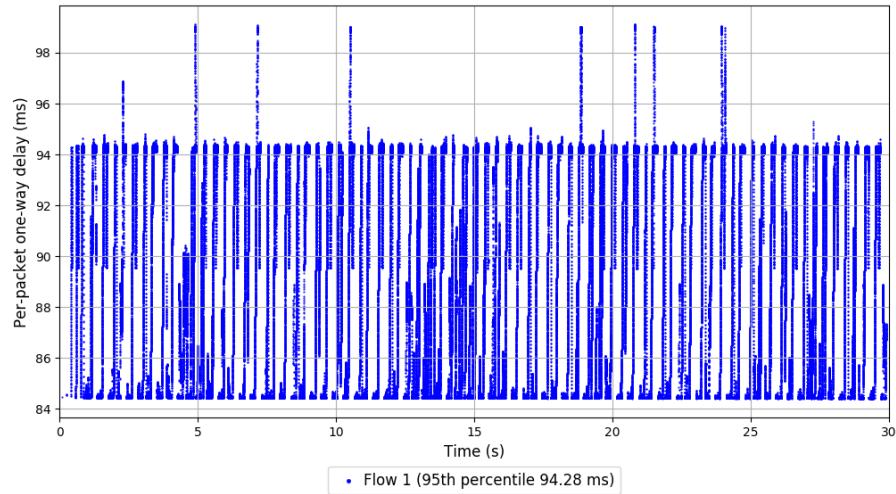
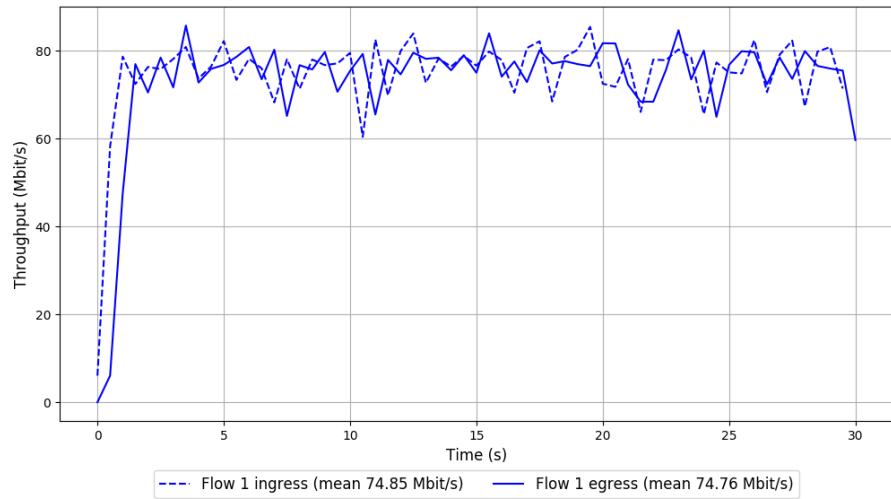


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-08-09 19:46:47
End at: 2018-08-09 19:47:17
Local clock offset: -2.634 ms
Remote clock offset: 3.212 ms

# Below is generated by plot.py at 2018-08-09 20:56:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.76 Mbit/s
95th percentile per-packet one-way delay: 94.282 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 74.76 Mbit/s
95th percentile per-packet one-way delay: 94.282 ms
Loss rate: 0.66%
```

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

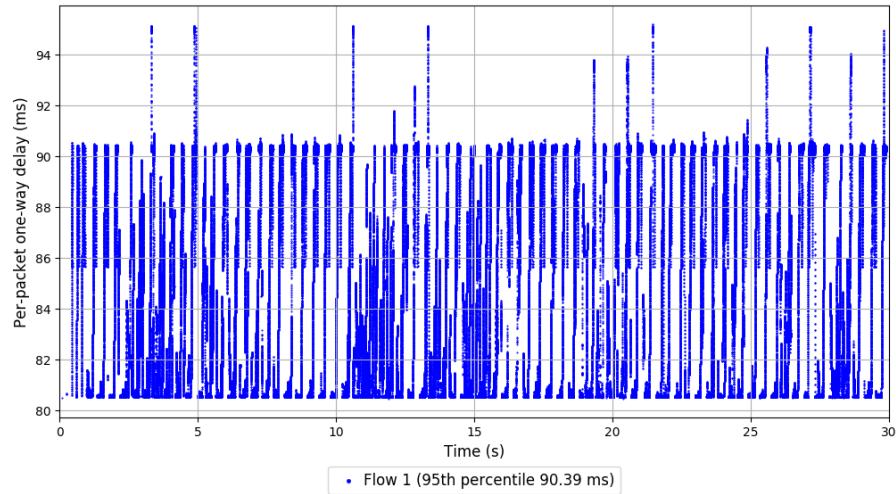
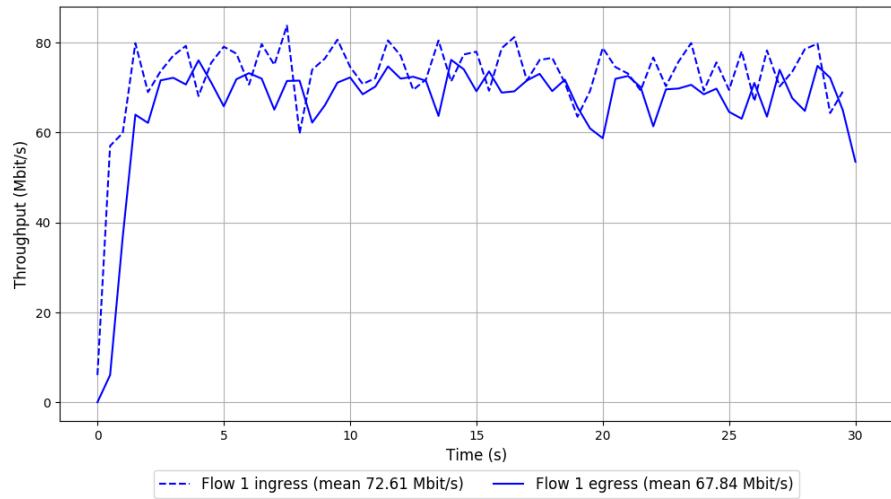


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-08-09 20:06:47
End at: 2018-08-09 20:07:17
Local clock offset: -1.876 ms
Remote clock offset: 6.495 ms

# Below is generated by plot.py at 2018-08-09 20:57:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.84 Mbit/s
95th percentile per-packet one-way delay: 90.388 ms
Loss rate: 7.08%
-- Flow 1:
Average throughput: 67.84 Mbit/s
95th percentile per-packet one-way delay: 90.388 ms
Loss rate: 7.08%
```

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

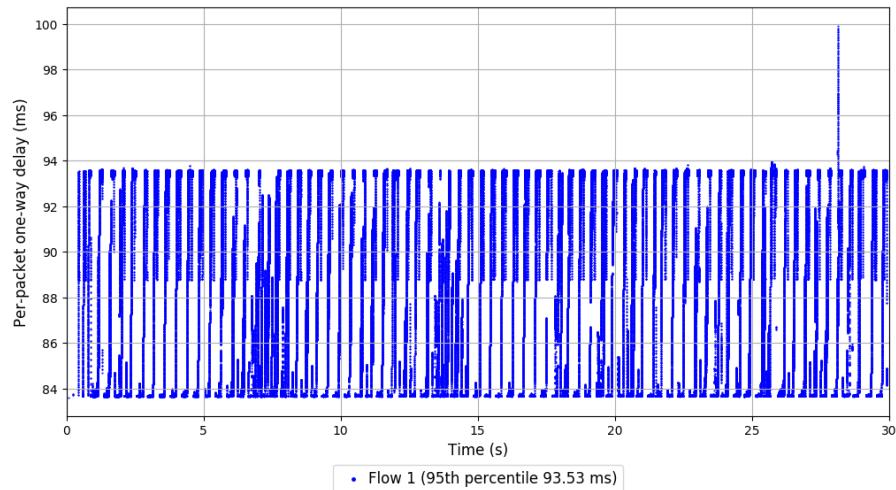
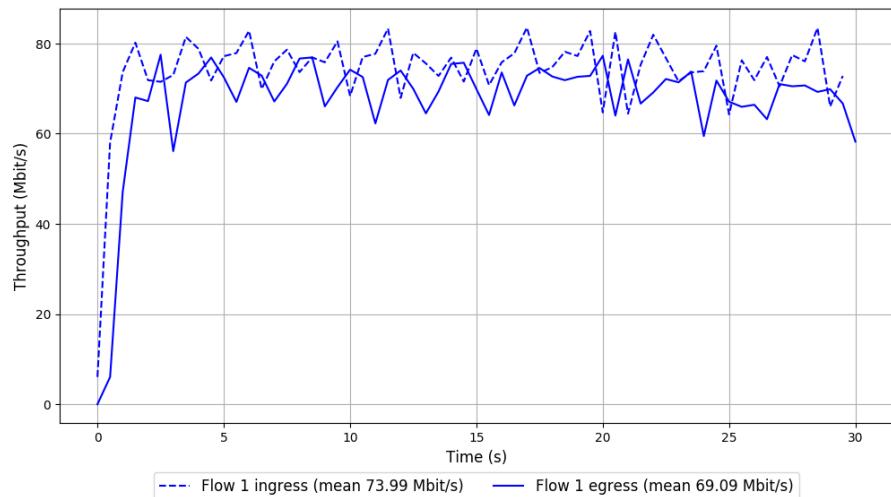


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-08-09 20:26:39
End at: 2018-08-09 20:27:09
Local clock offset: -3.106 ms
Remote clock offset: 2.347 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.09 Mbit/s
95th percentile per-packet one-way delay: 93.532 ms
Loss rate: 7.14%
-- Flow 1:
Average throughput: 69.09 Mbit/s
95th percentile per-packet one-way delay: 93.532 ms
Loss rate: 7.14%
```

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

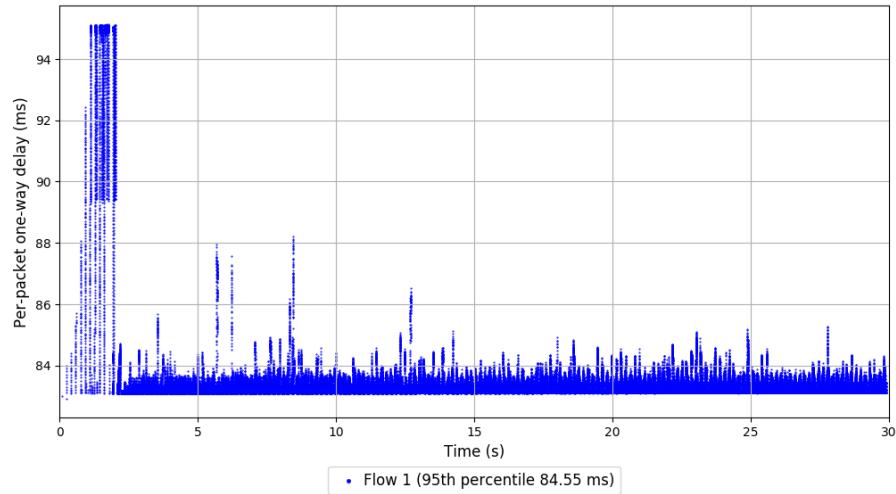
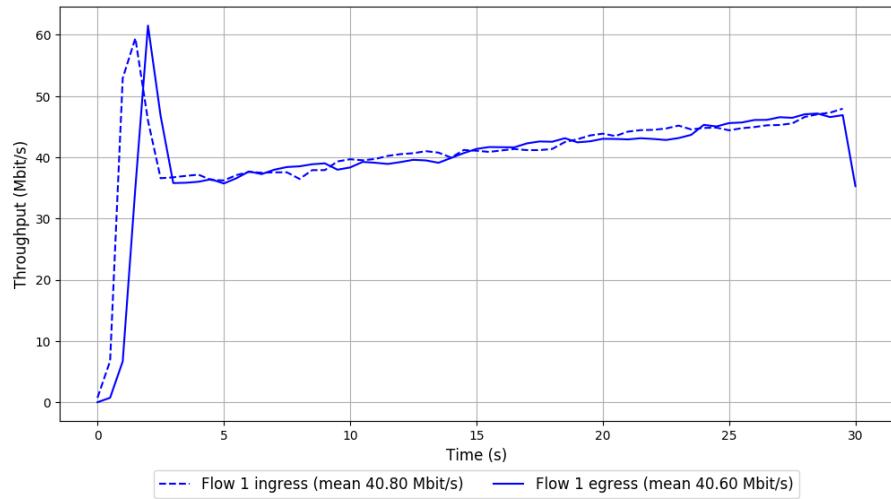


Run 1: Statistics of TCP Vegas

```
Start at: 2018-08-09 17:34:40
End at: 2018-08-09 17:35:10
Local clock offset: -8.013 ms
Remote clock offset: 3.892 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.60 Mbit/s
95th percentile per-packet one-way delay: 84.545 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 40.60 Mbit/s
95th percentile per-packet one-way delay: 84.545 ms
Loss rate: 1.06%
```

Run 1: Report of TCP Vegas — Data Link

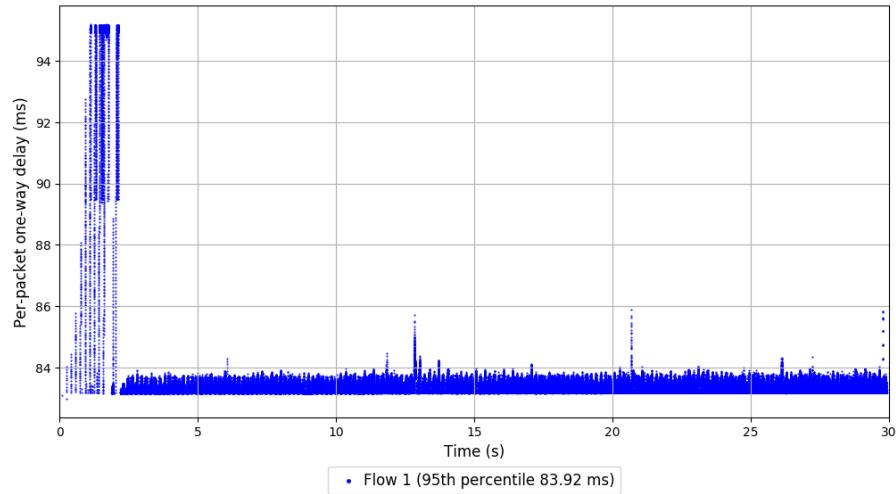
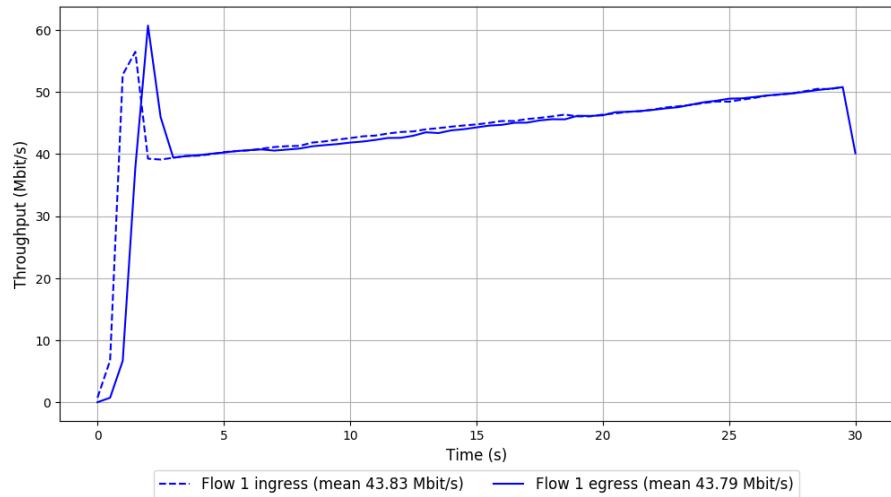


Run 2: Statistics of TCP Vegas

```
Start at: 2018-08-09 17:54:29
End at: 2018-08-09 17:54:59
Local clock offset: -8.046 ms
Remote clock offset: 4.672 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.79 Mbit/s
95th percentile per-packet one-way delay: 83.918 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 43.79 Mbit/s
95th percentile per-packet one-way delay: 83.918 ms
Loss rate: 0.64%
```

Run 2: Report of TCP Vegas — Data Link

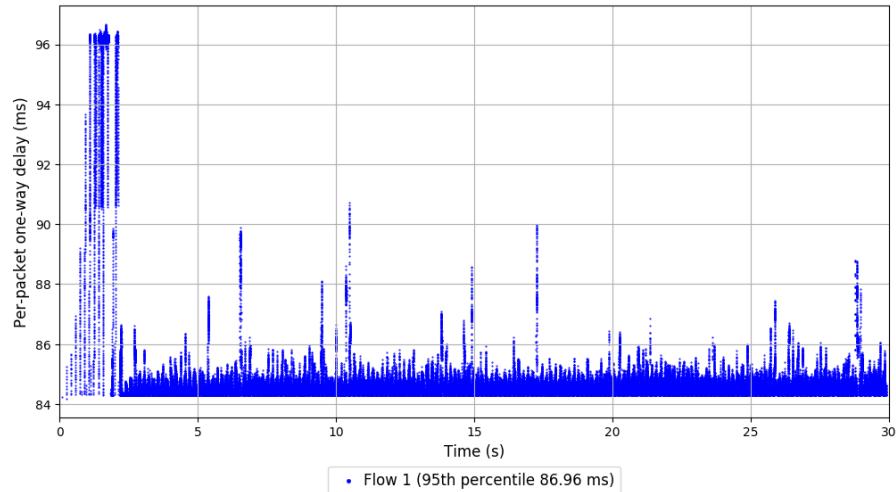
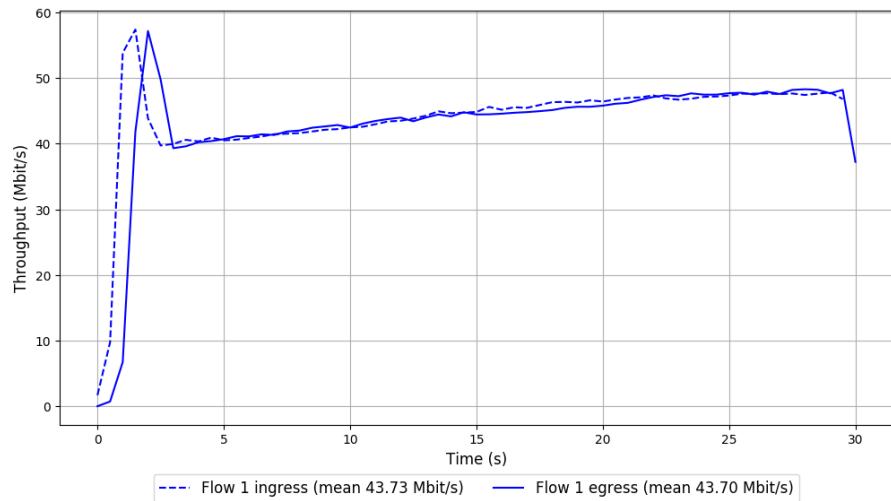


Run 3: Statistics of TCP Vegas

```
Start at: 2018-08-09 18:14:18
End at: 2018-08-09 18:14:48
Local clock offset: -8.093 ms
Remote clock offset: 4.48 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.70 Mbit/s
95th percentile per-packet one-way delay: 86.963 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 43.70 Mbit/s
95th percentile per-packet one-way delay: 86.963 ms
Loss rate: 0.60%
```

Run 3: Report of TCP Vegas — Data Link

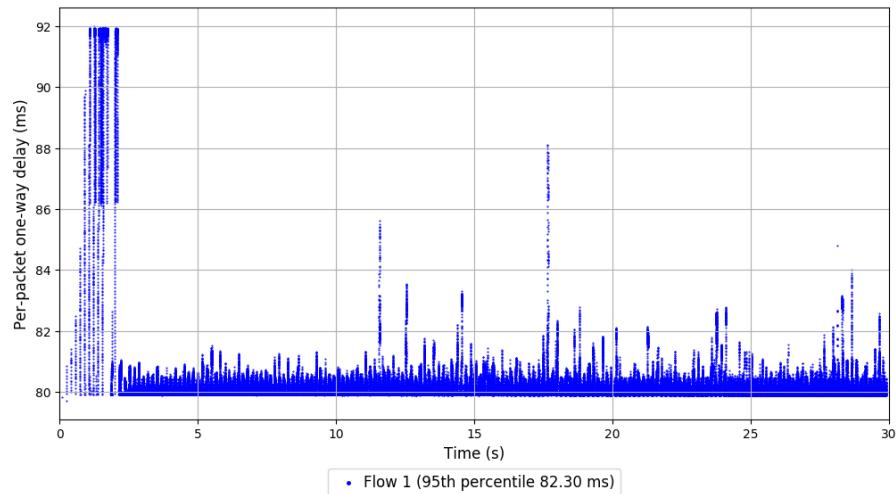
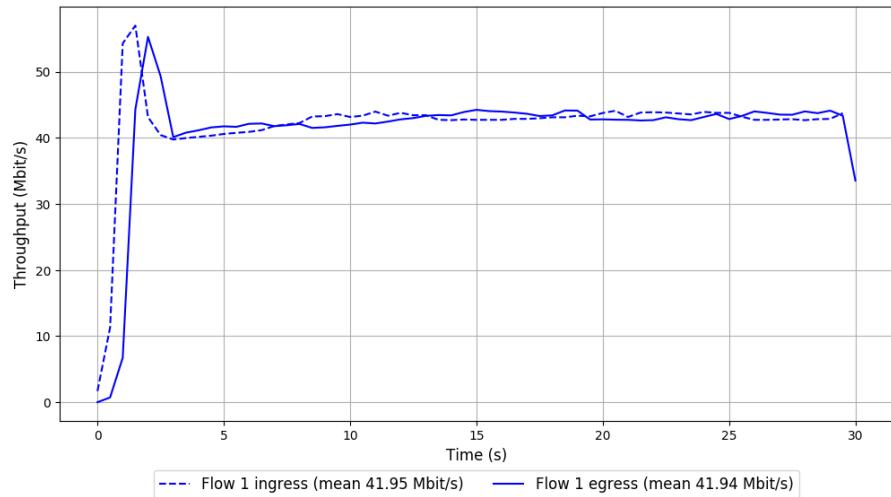


Run 4: Statistics of TCP Vegas

```
Start at: 2018-08-09 18:34:10
End at: 2018-08-09 18:34:40
Local clock offset: -7.998 ms
Remote clock offset: 8.175 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.94 Mbit/s
95th percentile per-packet one-way delay: 82.299 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 41.94 Mbit/s
95th percentile per-packet one-way delay: 82.299 ms
Loss rate: 0.57%
```

Run 4: Report of TCP Vegas — Data Link

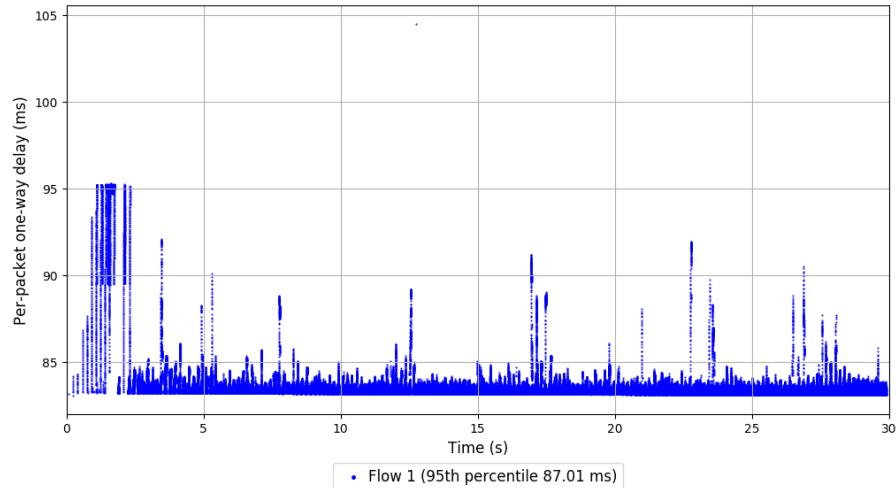
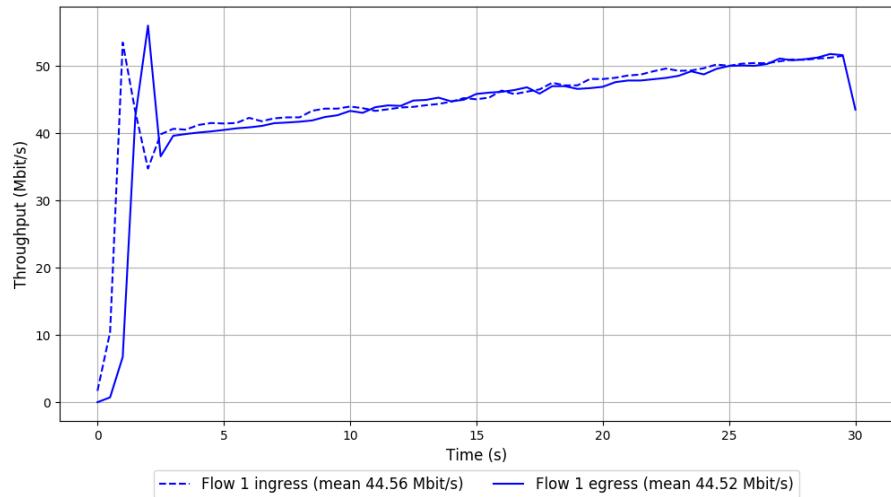


Run 5: Statistics of TCP Vegas

```
Start at: 2018-08-09 18:54:01
End at: 2018-08-09 18:54:31
Local clock offset: -4.714 ms
Remote clock offset: 4.907 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.52 Mbit/s
95th percentile per-packet one-way delay: 87.009 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 44.52 Mbit/s
95th percentile per-packet one-way delay: 87.009 ms
Loss rate: 0.64%
```

Run 5: Report of TCP Vegas — Data Link

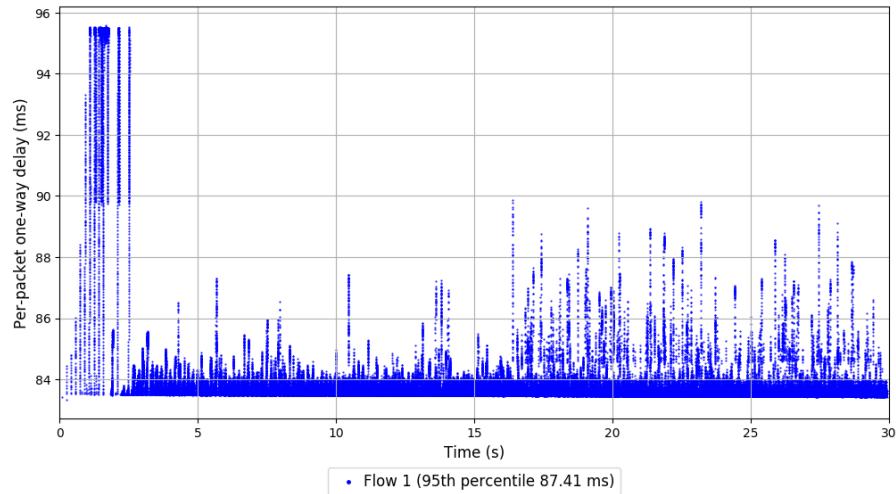
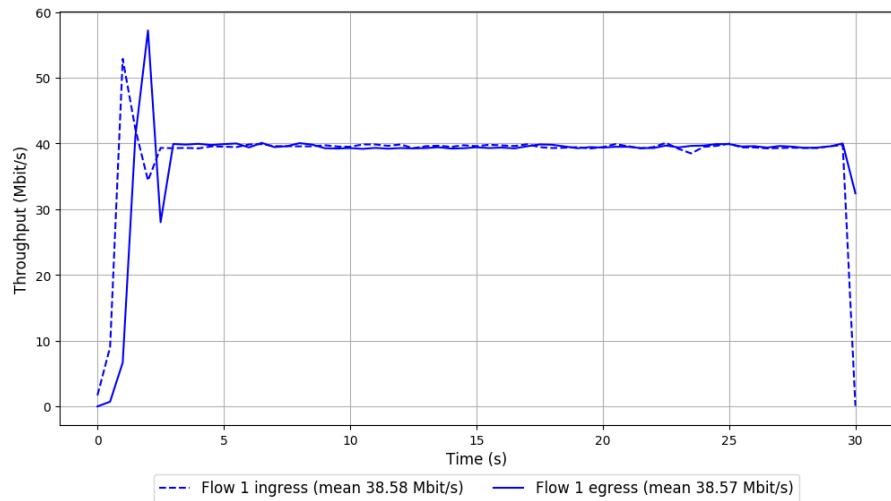


Run 6: Statistics of TCP Vegas

```
Start at: 2018-08-09 19:14:12
End at: 2018-08-09 19:14:42
Local clock offset: -1.803 ms
Remote clock offset: 4.357 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.57 Mbit/s
95th percentile per-packet one-way delay: 87.408 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 38.57 Mbit/s
95th percentile per-packet one-way delay: 87.408 ms
Loss rate: 0.57%
```

Run 6: Report of TCP Vegas — Data Link

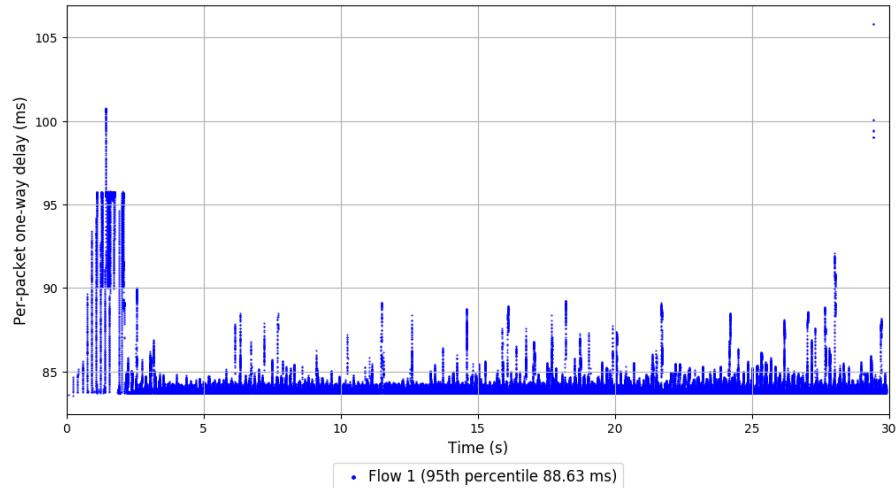
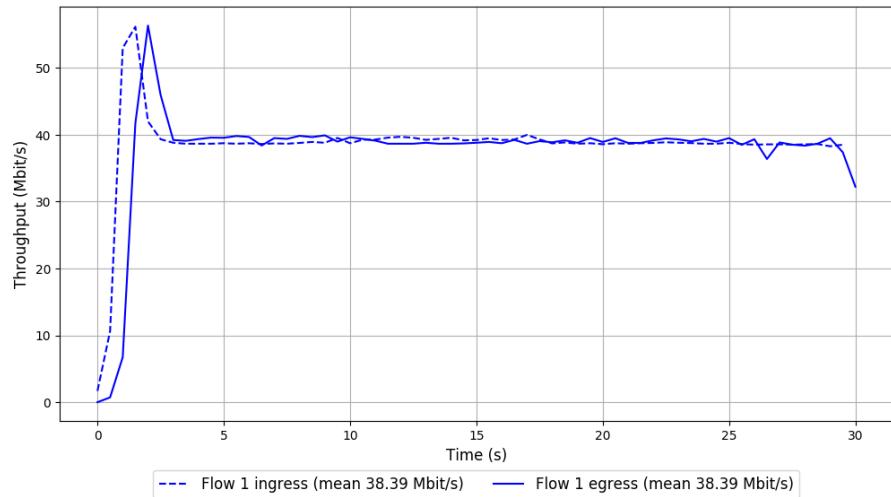


Run 7: Statistics of TCP Vegas

```
Start at: 2018-08-09 19:34:01
End at: 2018-08-09 19:34:31
Local clock offset: -2.963 ms
Remote clock offset: 3.449 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.39 Mbit/s
95th percentile per-packet one-way delay: 88.628 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 38.39 Mbit/s
95th percentile per-packet one-way delay: 88.628 ms
Loss rate: 0.56%
```

Run 7: Report of TCP Vegas — Data Link

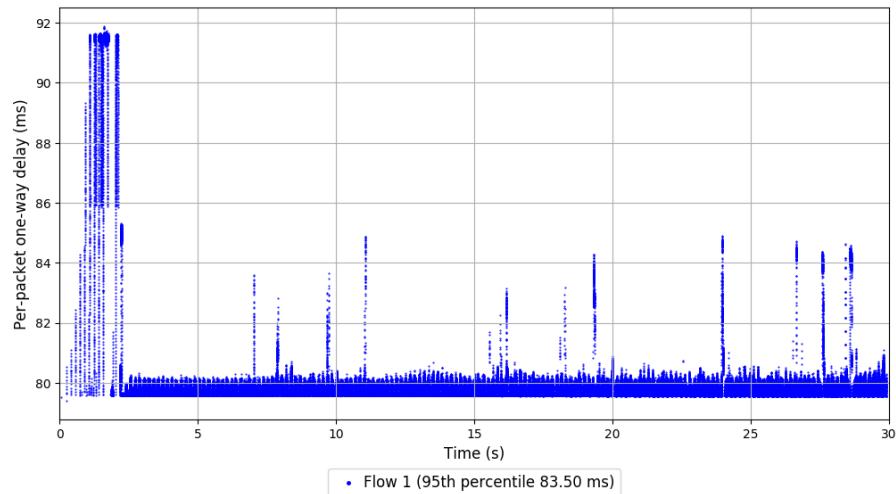
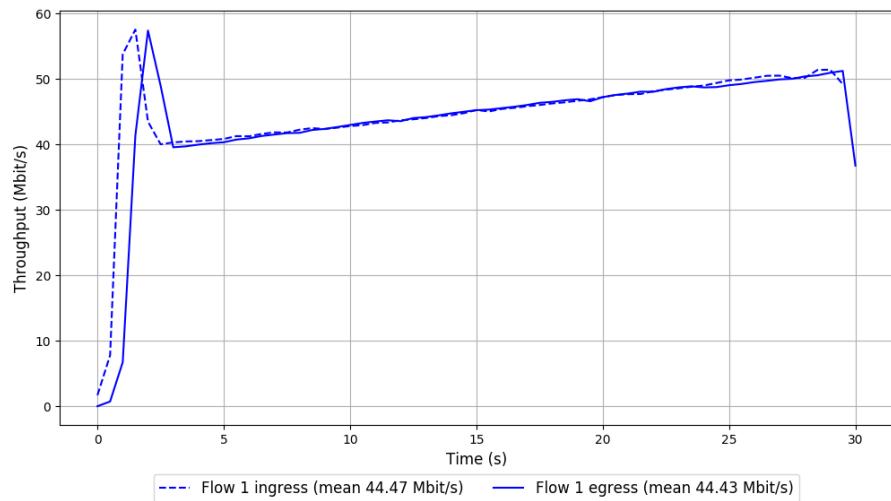


Run 8: Statistics of TCP Vegas

```
Start at: 2018-08-09 19:53:51
End at: 2018-08-09 19:54:21
Local clock offset: -2.326 ms
Remote clock offset: 6.742 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.43 Mbit/s
95th percentile per-packet one-way delay: 83.505 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 44.43 Mbit/s
95th percentile per-packet one-way delay: 83.505 ms
Loss rate: 0.64%
```

Run 8: Report of TCP Vegas — Data Link

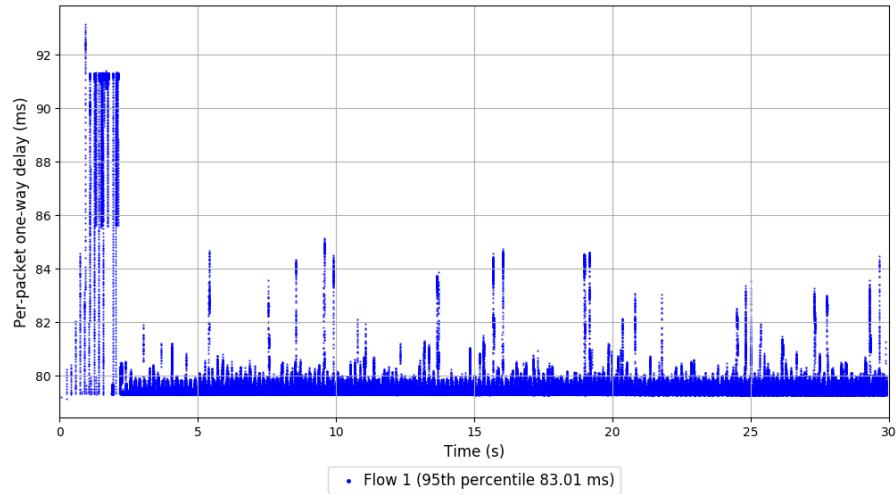
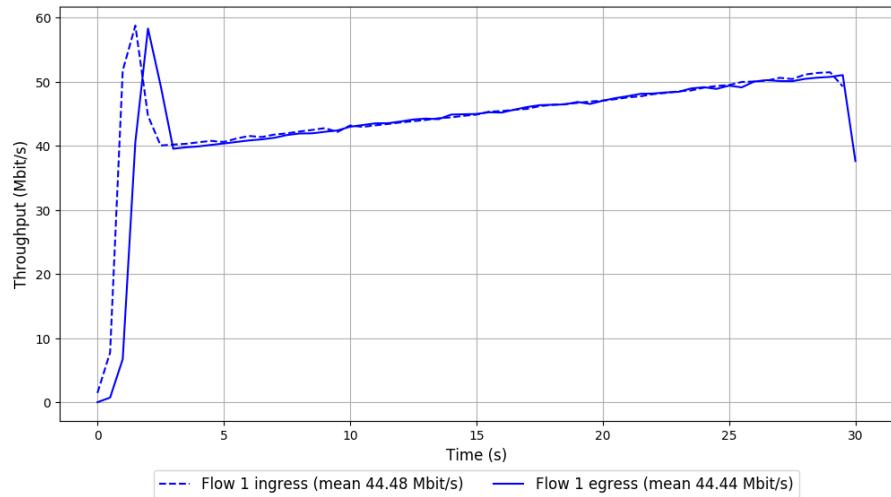


Run 9: Statistics of TCP Vegas

```
Start at: 2018-08-09 20:13:51
End at: 2018-08-09 20:14:21
Local clock offset: -1.587 ms
Remote clock offset: 6.529 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.44 Mbit/s
95th percentile per-packet one-way delay: 83.009 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 44.44 Mbit/s
95th percentile per-packet one-way delay: 83.009 ms
Loss rate: 0.64%
```

Run 9: Report of TCP Vegas — Data Link

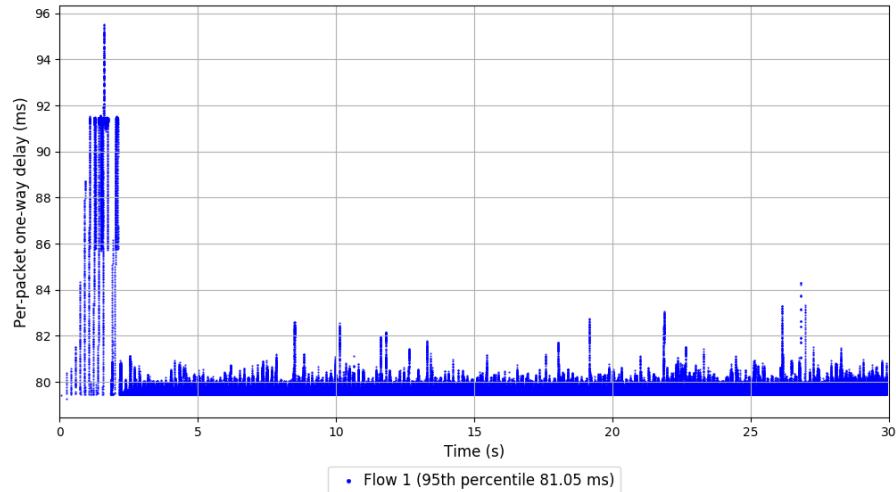
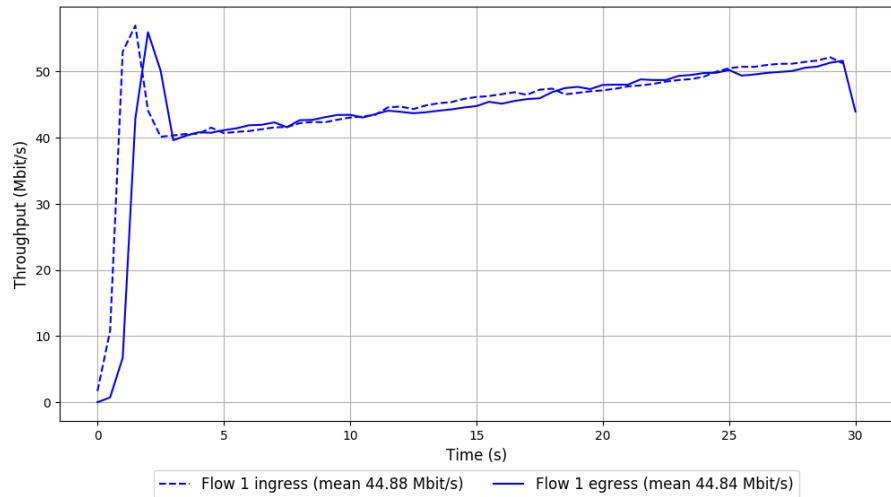


Run 10: Statistics of TCP Vegas

```
Start at: 2018-08-09 20:33:46
End at: 2018-08-09 20:34:16
Local clock offset: -3.457 ms
Remote clock offset: 5.948 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.84 Mbit/s
95th percentile per-packet one-way delay: 81.050 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 44.84 Mbit/s
95th percentile per-packet one-way delay: 81.050 ms
Loss rate: 0.64%
```

Run 10: Report of TCP Vegas — Data Link

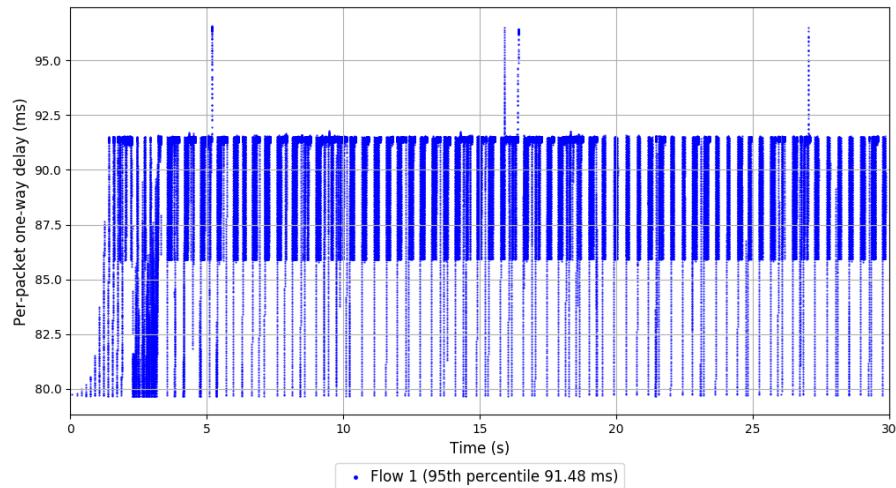
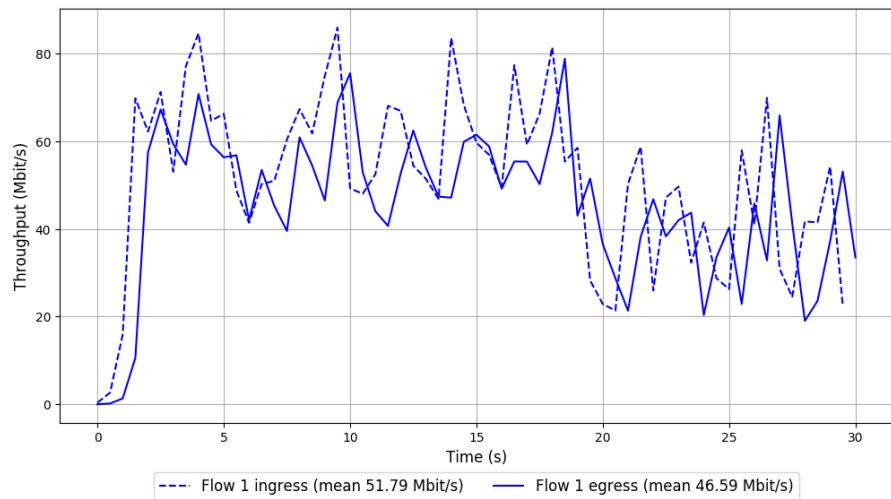


Run 1: Statistics of Verus

```
Start at: 2018-08-09 17:36:57
End at: 2018-08-09 17:37:27
Local clock offset: -8.029 ms
Remote clock offset: 7.328 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.59 Mbit/s
95th percentile per-packet one-way delay: 91.485 ms
Loss rate: 10.01%
-- Flow 1:
Average throughput: 46.59 Mbit/s
95th percentile per-packet one-way delay: 91.485 ms
Loss rate: 10.01%
```

Run 1: Report of Verus — Data Link

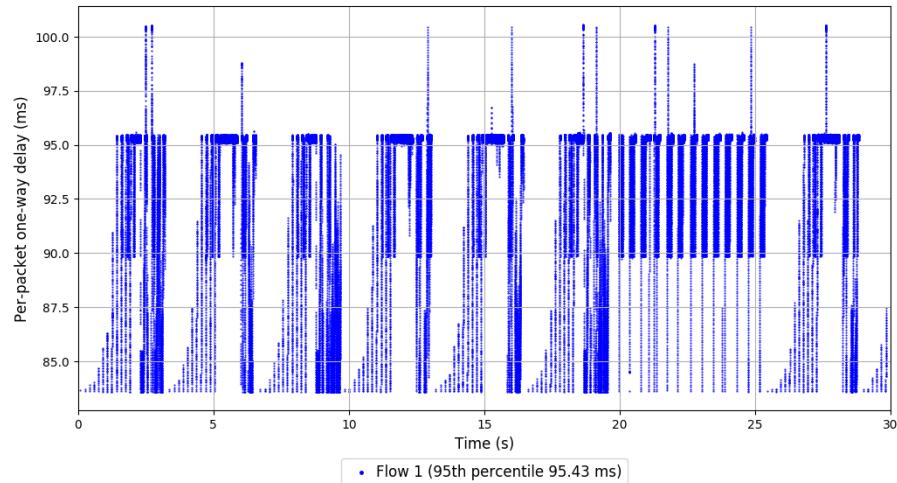
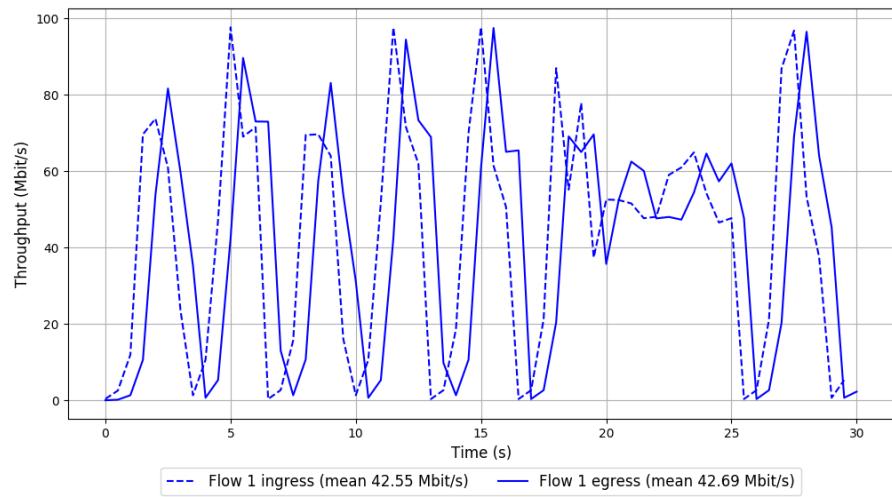


Run 2: Statistics of Verus

```
Start at: 2018-08-09 17:56:46
End at: 2018-08-09 17:57:16
Local clock offset: -8.037 ms
Remote clock offset: 4.417 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.69 Mbit/s
95th percentile per-packet one-way delay: 95.433 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 42.69 Mbit/s
95th percentile per-packet one-way delay: 95.433 ms
Loss rate: 0.21%
```

Run 2: Report of Verus — Data Link

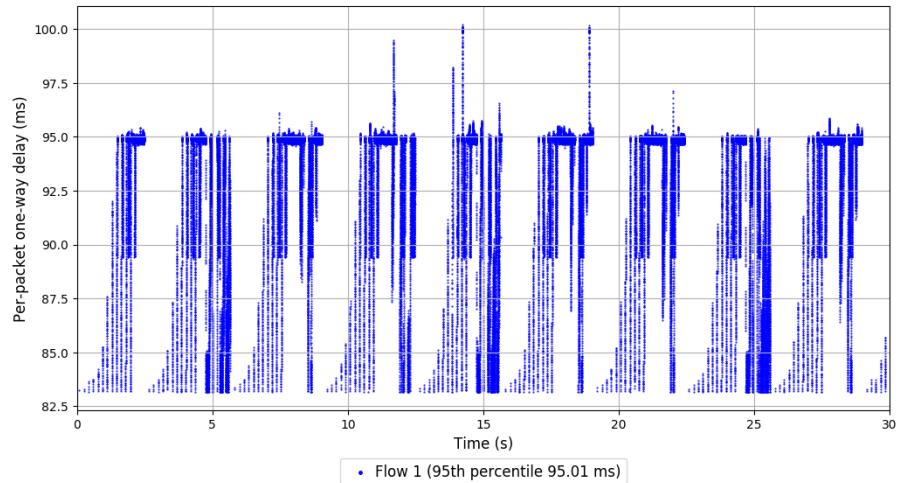
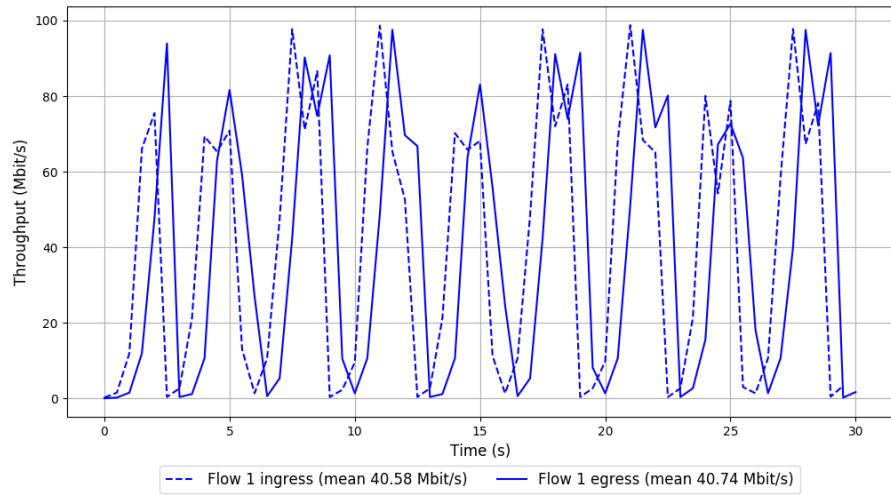


Run 3: Statistics of Verus

```
Start at: 2018-08-09 18:16:35
End at: 2018-08-09 18:17:05
Local clock offset: -8.077 ms
Remote clock offset: 4.857 ms

# Below is generated by plot.py at 2018-08-09 20:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.74 Mbit/s
95th percentile per-packet one-way delay: 95.010 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 40.74 Mbit/s
95th percentile per-packet one-way delay: 95.010 ms
Loss rate: 0.19%
```

Run 3: Report of Verus — Data Link

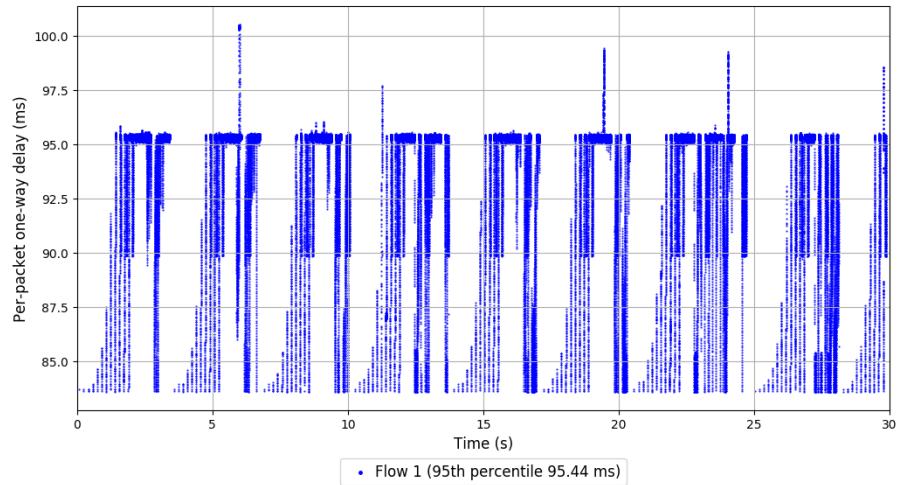
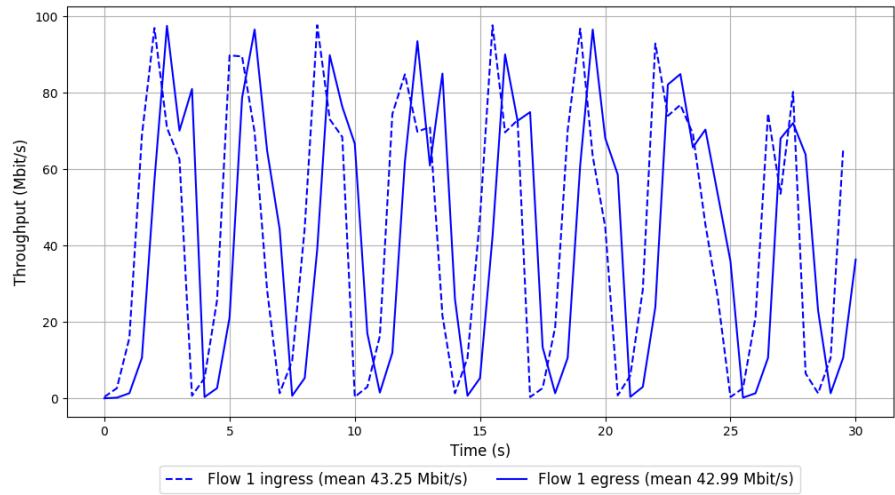


Run 4: Statistics of Verus

```
Start at: 2018-08-09 18:36:27
End at: 2018-08-09 18:36:57
Local clock offset: -7.998 ms
Remote clock offset: 4.682 ms

# Below is generated by plot.py at 2018-08-09 20:57:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.99 Mbit/s
95th percentile per-packet one-way delay: 95.444 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 42.99 Mbit/s
95th percentile per-packet one-way delay: 95.444 ms
Loss rate: 1.22%
```

Run 4: Report of Verus — Data Link

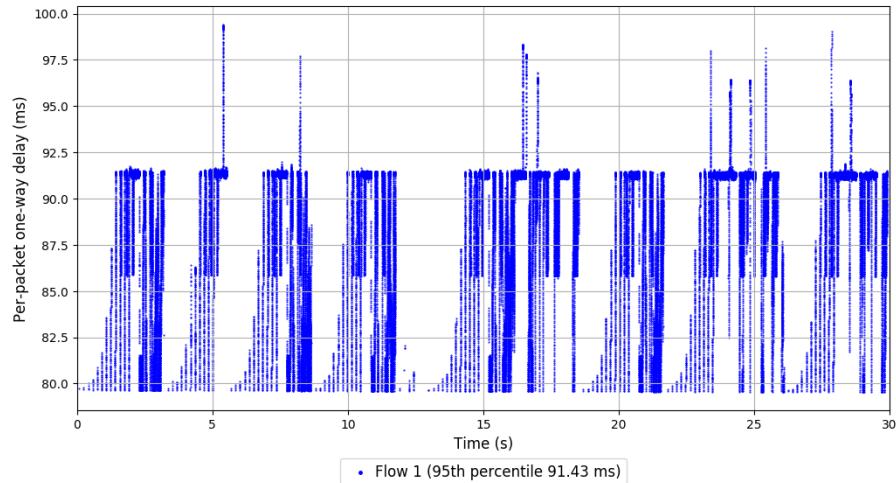
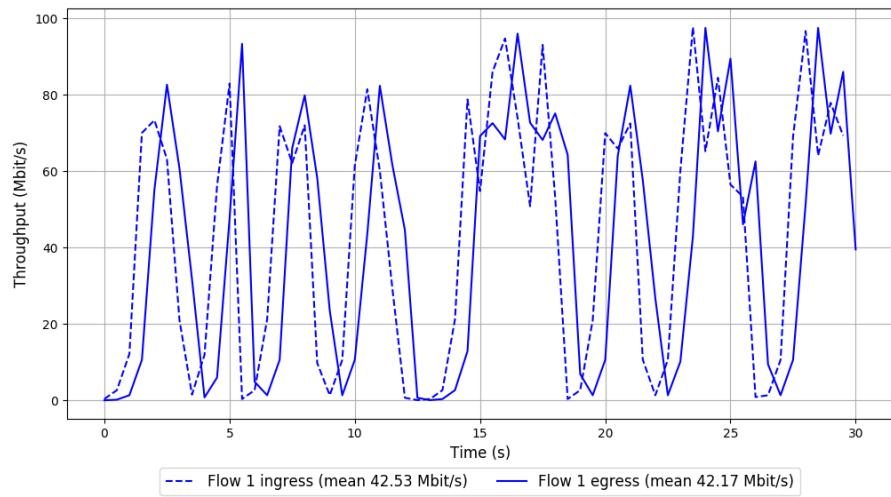


Run 5: Statistics of Verus

```
Start at: 2018-08-09 18:56:18
End at: 2018-08-09 18:56:48
Local clock offset: -4.085 ms
Remote clock offset: 8.551 ms

# Below is generated by plot.py at 2018-08-09 20:58:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.17 Mbit/s
95th percentile per-packet one-way delay: 91.427 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 42.17 Mbit/s
95th percentile per-packet one-way delay: 91.427 ms
Loss rate: 1.36%
```

Run 5: Report of Verus — Data Link

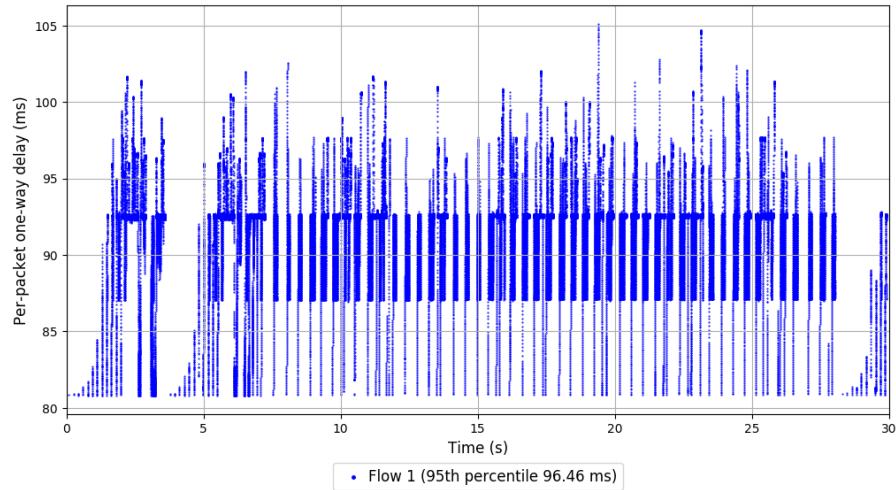
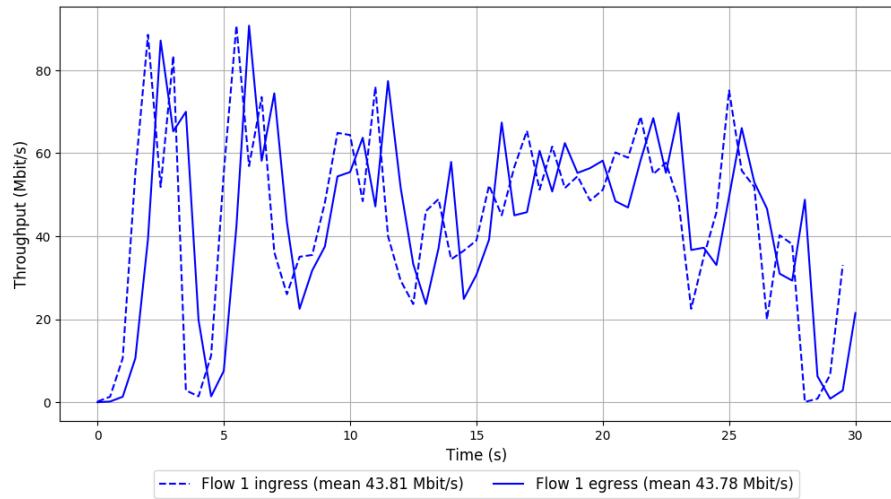


Run 6: Statistics of Verus

```
Start at: 2018-08-09 19:16:29
End at: 2018-08-09 19:16:59
Local clock offset: -1.813 ms
Remote clock offset: 7.833 ms

# Below is generated by plot.py at 2018-08-09 20:58:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.78 Mbit/s
95th percentile per-packet one-way delay: 96.461 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 43.78 Mbit/s
95th percentile per-packet one-way delay: 96.461 ms
Loss rate: 0.62%
```

Run 6: Report of Verus — Data Link

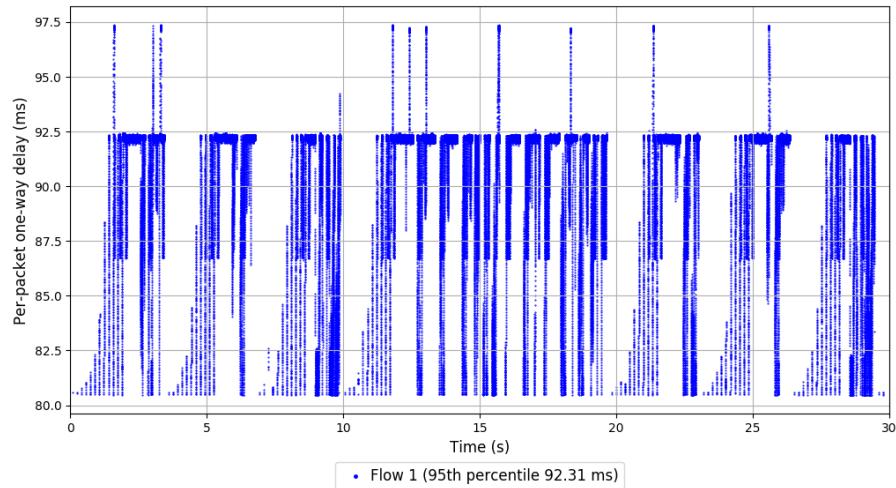
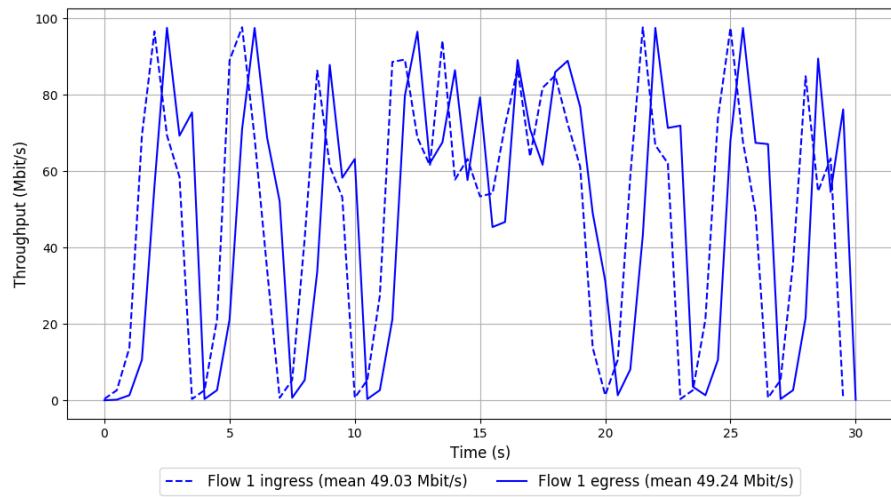


Run 7: Statistics of Verus

```
Start at: 2018-08-09 19:36:18
End at: 2018-08-09 19:36:48
Local clock offset: -2.892 ms
Remote clock offset: 7.24 ms

# Below is generated by plot.py at 2018-08-09 20:58:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 92.308 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 92.308 ms
Loss rate: 0.13%
```

Run 7: Report of Verus — Data Link

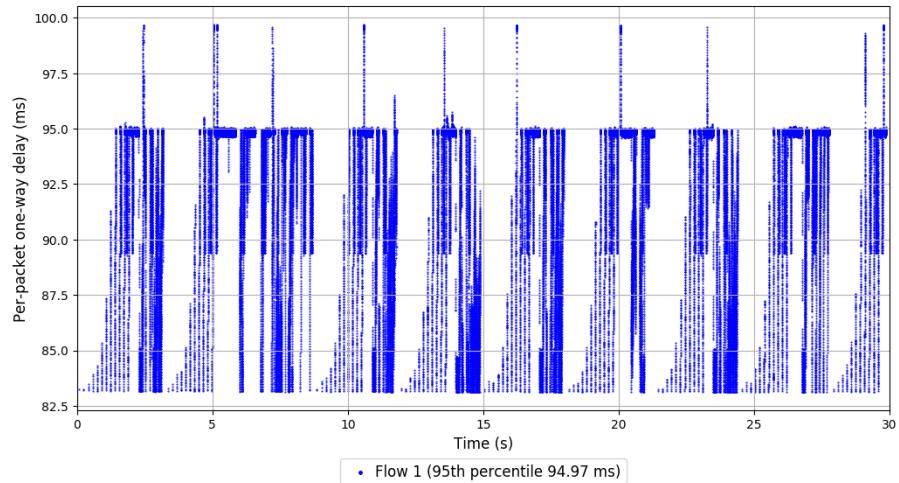
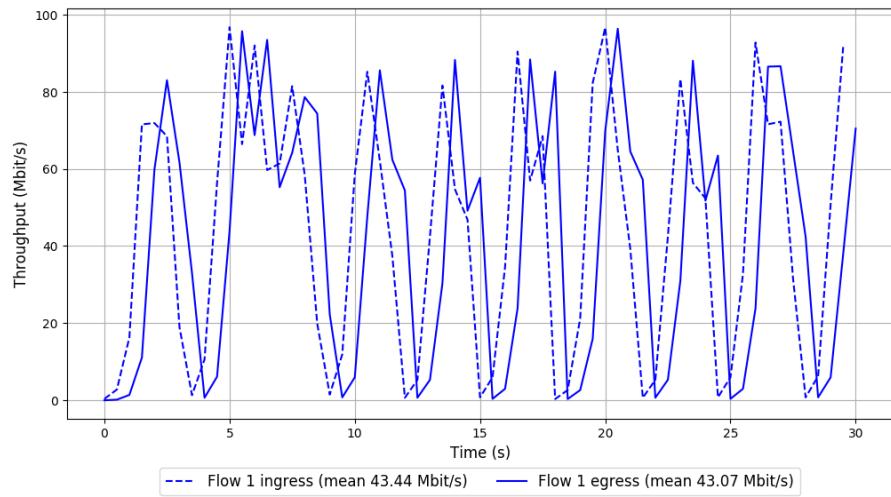


Run 8: Statistics of Verus

```
Start at: 2018-08-09 19:56:08
End at: 2018-08-09 19:56:38
Local clock offset: -2.242 ms
Remote clock offset: 3.255 ms

# Below is generated by plot.py at 2018-08-09 20:58:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.07 Mbit/s
95th percentile per-packet one-way delay: 94.972 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 43.07 Mbit/s
95th percentile per-packet one-way delay: 94.972 ms
Loss rate: 1.40%
```

Run 8: Report of Verus — Data Link

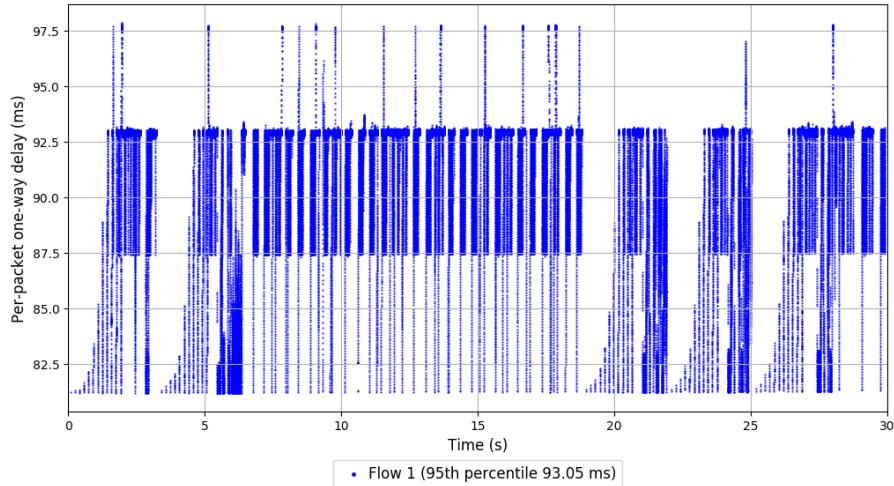
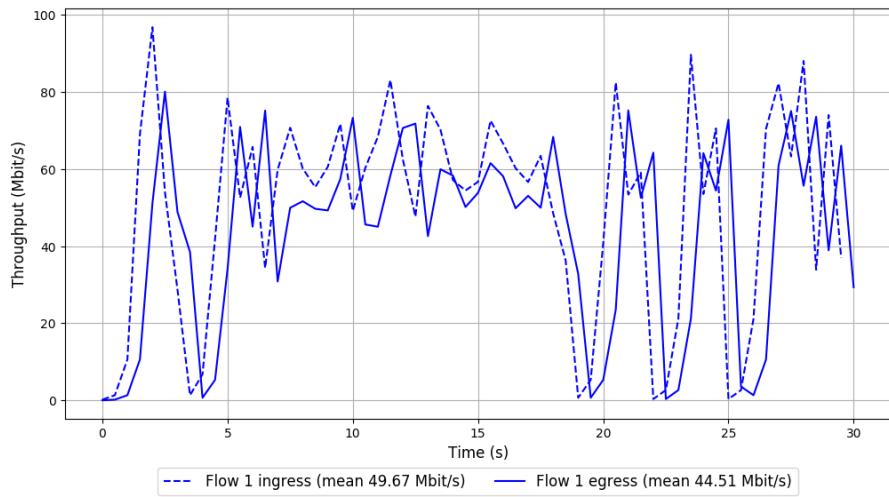


Run 9: Statistics of Verus

```
Start at: 2018-08-09 20:16:08
End at: 2018-08-09 20:16:38
Local clock offset: -1.611 ms
Remote clock offset: 5.815 ms

# Below is generated by plot.py at 2018-08-09 20:58:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.51 Mbit/s
95th percentile per-packet one-way delay: 93.050 ms
Loss rate: 10.42%
-- Flow 1:
Average throughput: 44.51 Mbit/s
95th percentile per-packet one-way delay: 93.050 ms
Loss rate: 10.42%
```

Run 9: Report of Verus — Data Link

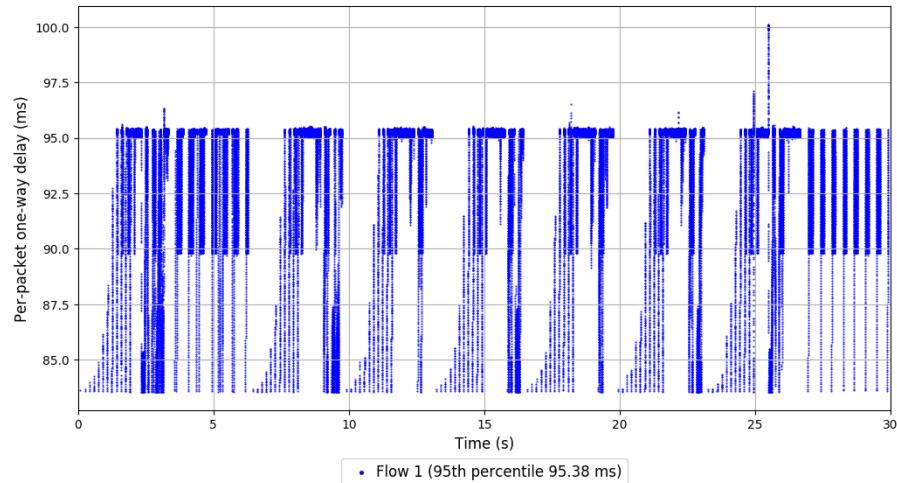
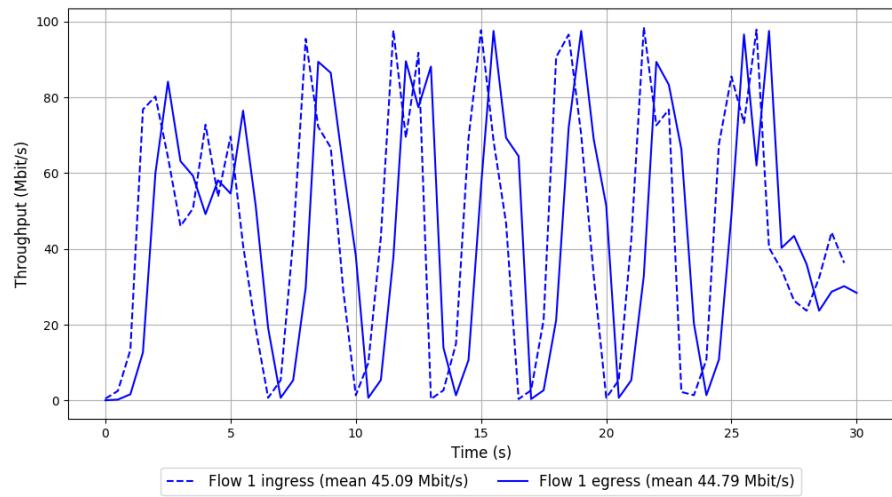


Run 10: Statistics of Verus

```
Start at: 2018-08-09 20:36:03
End at: 2018-08-09 20:36:33
Local clock offset: -3.586 ms
Remote clock offset: 2.076 ms

# Below is generated by plot.py at 2018-08-09 20:58:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.79 Mbit/s
95th percentile per-packet one-way delay: 95.378 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 44.79 Mbit/s
95th percentile per-packet one-way delay: 95.378 ms
Loss rate: 1.07%
```

Run 10: Report of Verus — Data Link

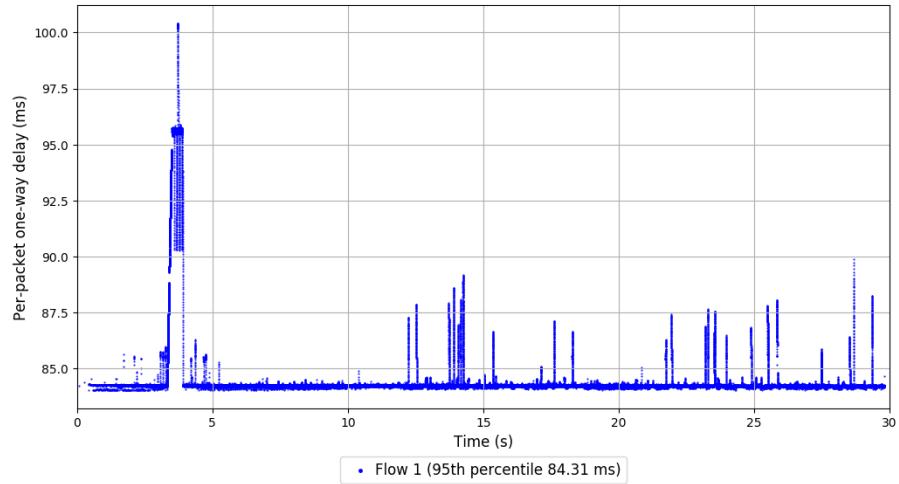
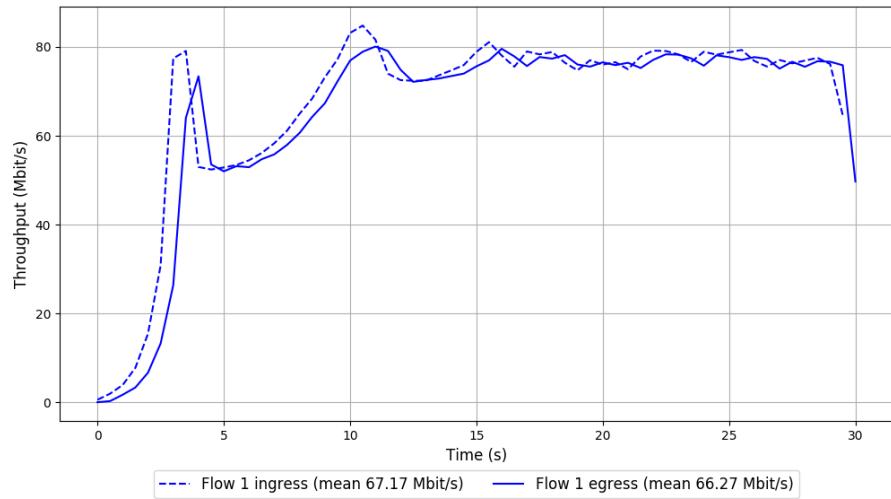


Run 1: Statistics of PCC-Vivace

```
Start at: 2018-08-09 17:20:36
End at: 2018-08-09 17:21:06
Local clock offset: -8.217 ms
Remote clock offset: 3.246 ms

# Below is generated by plot.py at 2018-08-09 20:58:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.27 Mbit/s
95th percentile per-packet one-way delay: 84.313 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 66.27 Mbit/s
95th percentile per-packet one-way delay: 84.313 ms
Loss rate: 1.89%
```

Run 1: Report of PCC-Vivace — Data Link

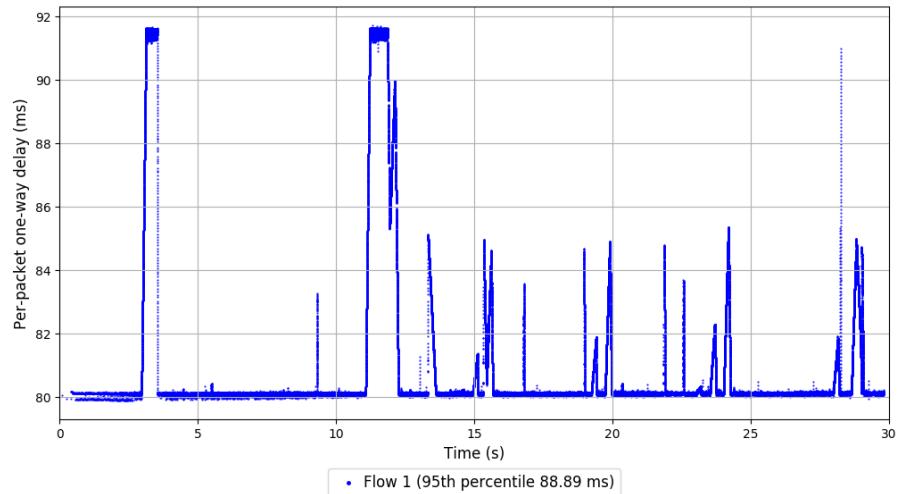
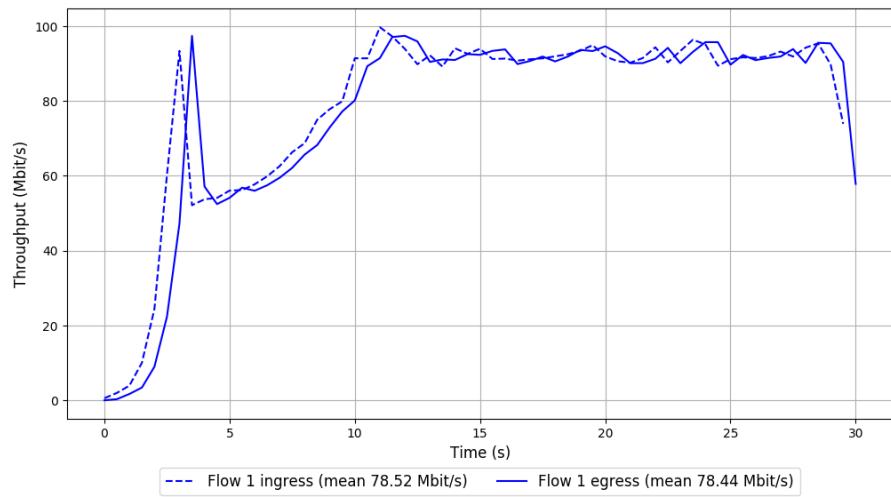


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-08-09 17:40:25
End at: 2018-08-09 17:40:55
Local clock offset: -8.085 ms
Remote clock offset: 7.54 ms

# Below is generated by plot.py at 2018-08-09 20:59:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.44 Mbit/s
95th percentile per-packet one-way delay: 88.887 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 78.44 Mbit/s
95th percentile per-packet one-way delay: 88.887 ms
Loss rate: 0.65%
```

Run 2: Report of PCC-Vivace — Data Link

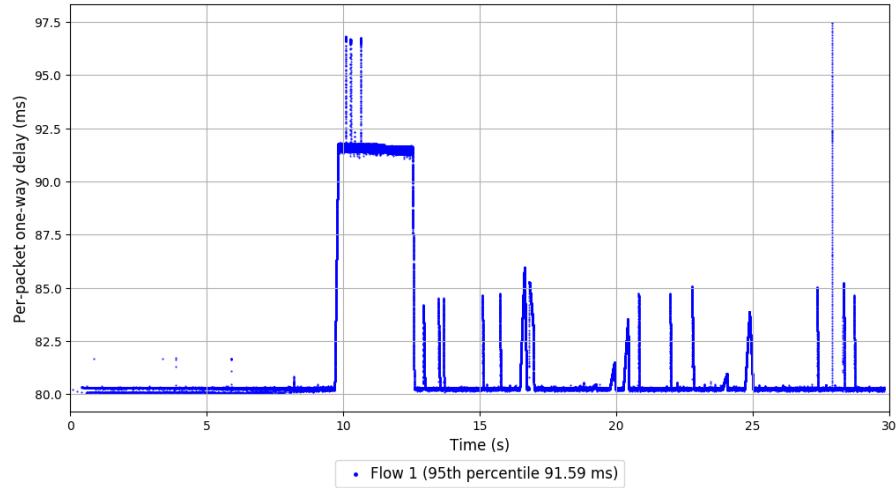
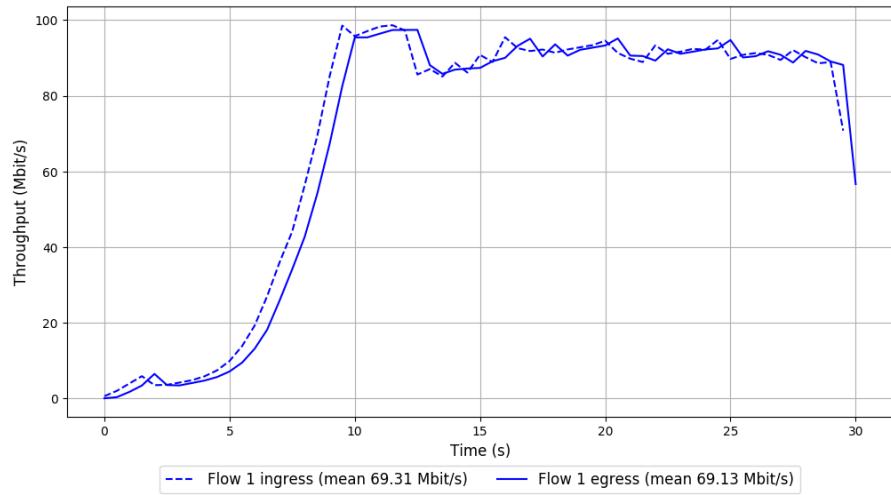


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-08-09 18:00:14
End at: 2018-08-09 18:00:44
Local clock offset: -7.945 ms
Remote clock offset: 8.116 ms

# Below is generated by plot.py at 2018-08-09 20:59:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.13 Mbit/s
95th percentile per-packet one-way delay: 91.592 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 69.13 Mbit/s
95th percentile per-packet one-way delay: 91.592 ms
Loss rate: 0.81%
```

Run 3: Report of PCC-Vivace — Data Link

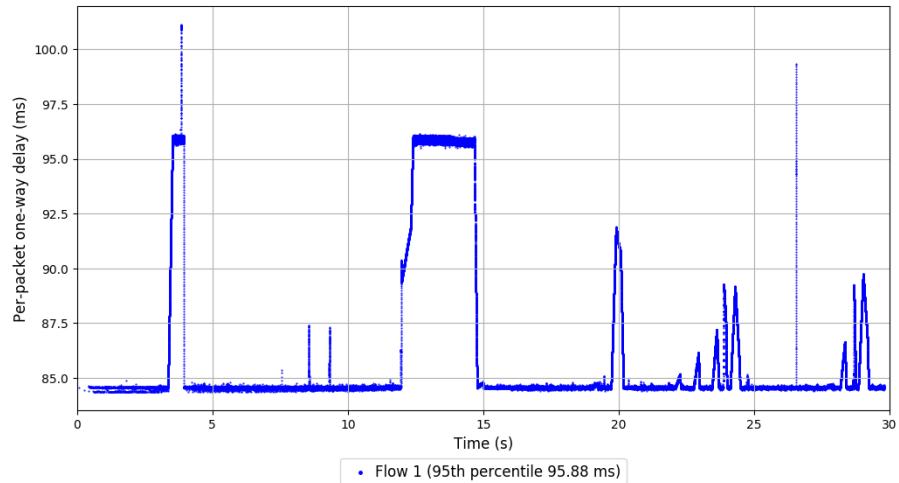
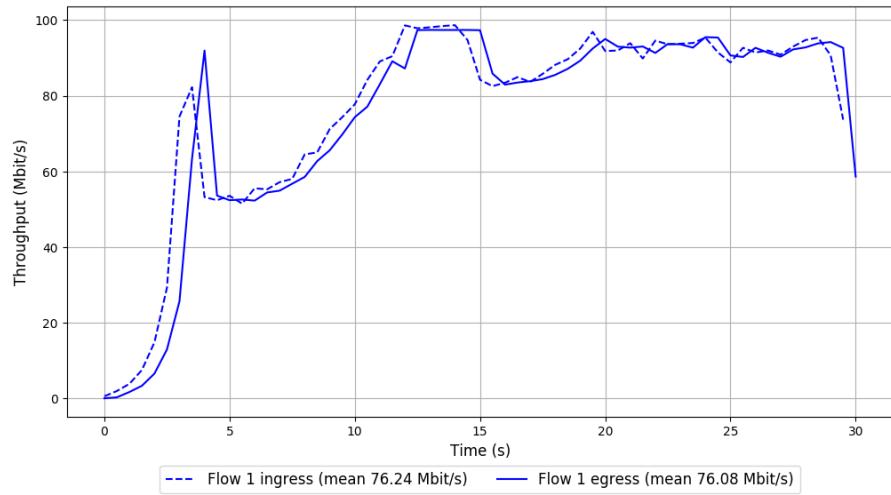


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-08-09 18:20:04
End at: 2018-08-09 18:20:34
Local clock offset: -8.026 ms
Remote clock offset: 4.342 ms

# Below is generated by plot.py at 2018-08-09 20:59:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.08 Mbit/s
95th percentile per-packet one-way delay: 95.877 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 76.08 Mbit/s
95th percentile per-packet one-way delay: 95.877 ms
Loss rate: 0.76%
```

Run 4: Report of PCC-Vivace — Data Link

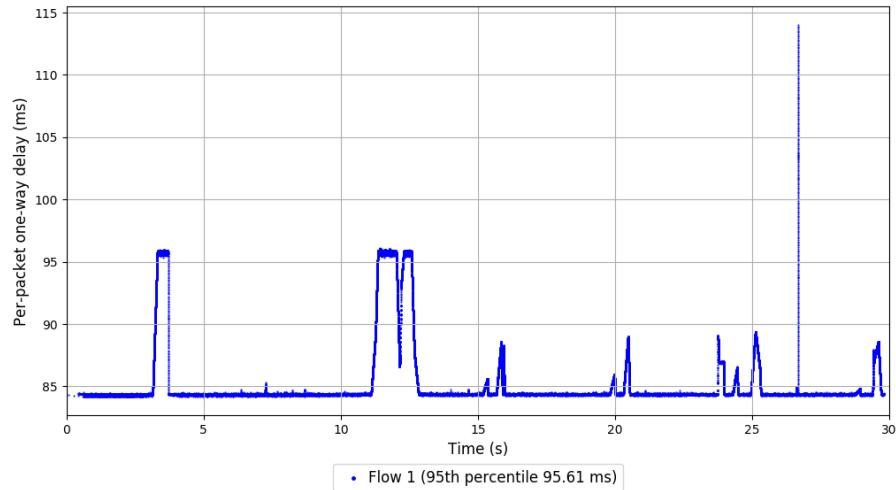
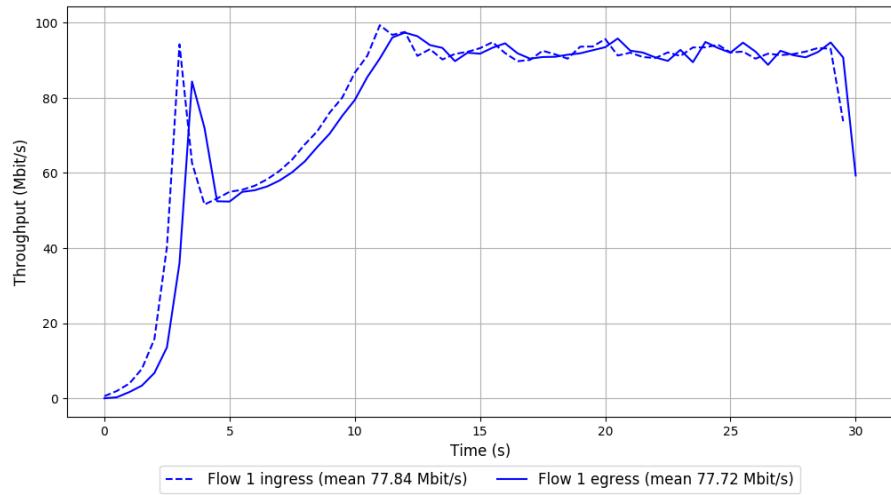


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-08-09 18:39:55
End at: 2018-08-09 18:40:25
Local clock offset: -8.026 ms
Remote clock offset: 4.523 ms

# Below is generated by plot.py at 2018-08-09 20:59:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.72 Mbit/s
95th percentile per-packet one-way delay: 95.614 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 77.72 Mbit/s
95th percentile per-packet one-way delay: 95.614 ms
Loss rate: 0.70%
```

Run 5: Report of PCC-Vivace — Data Link

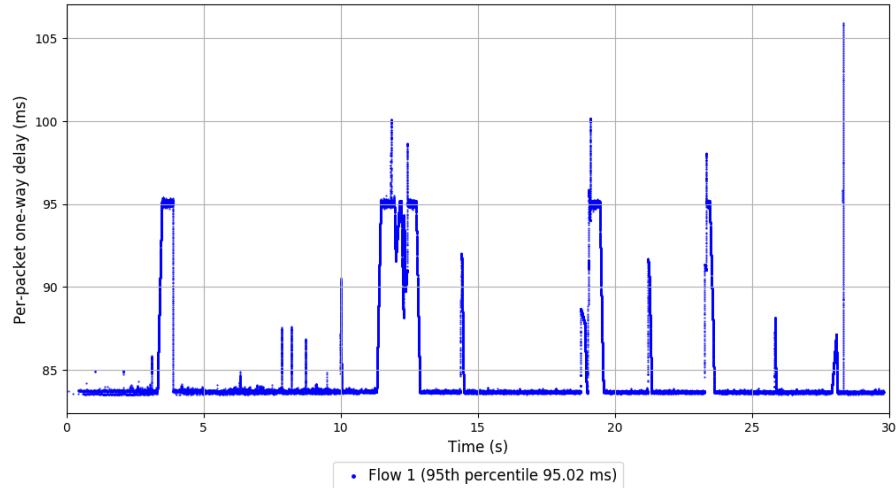
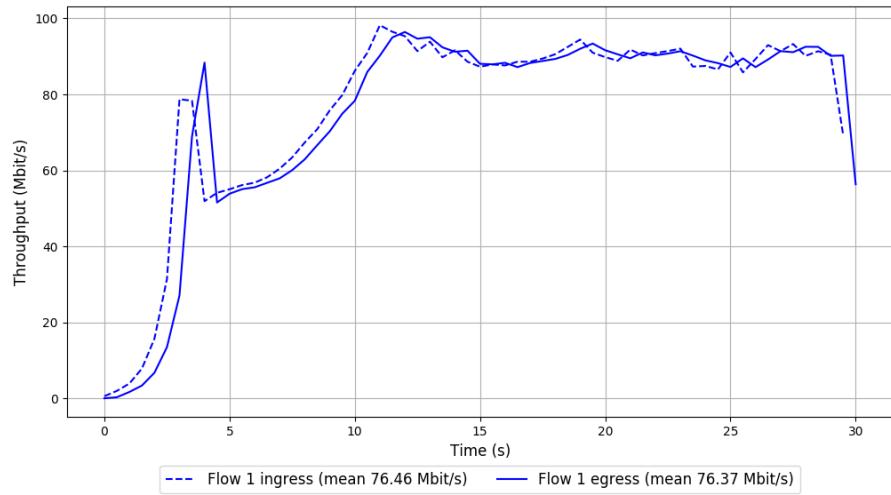


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-08-09 18:59:47
End at: 2018-08-09 19:00:17
Local clock offset: -3.447 ms
Remote clock offset: 4.402 ms

# Below is generated by plot.py at 2018-08-09 20:59:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.37 Mbit/s
95th percentile per-packet one-way delay: 95.018 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 76.37 Mbit/s
95th percentile per-packet one-way delay: 95.018 ms
Loss rate: 0.66%
```

Run 6: Report of PCC-Vivace — Data Link

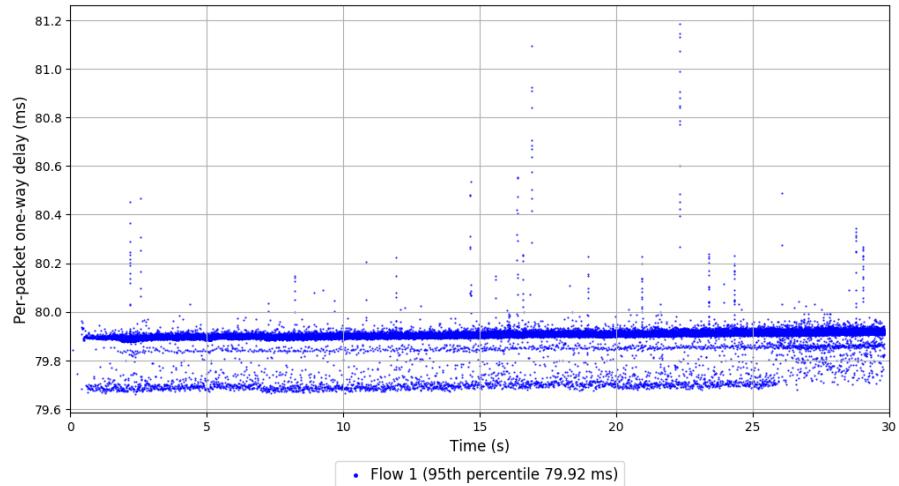
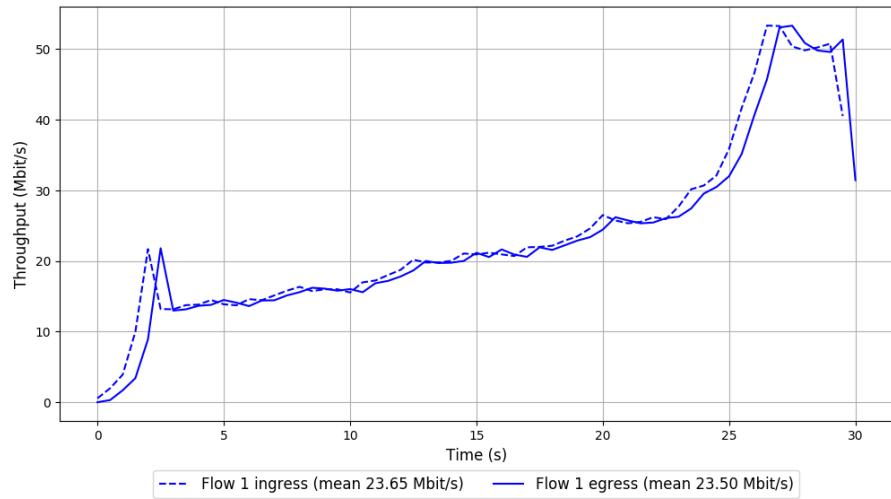


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-08-09 19:19:58
End at: 2018-08-09 19:20:28
Local clock offset: -2.333 ms
Remote clock offset: 7.385 ms

# Below is generated by plot.py at 2018-08-09 20:59:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.50 Mbit/s
95th percentile per-packet one-way delay: 79.921 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 23.50 Mbit/s
95th percentile per-packet one-way delay: 79.921 ms
Loss rate: 1.19%
```

Run 7: Report of PCC-Vivace — Data Link

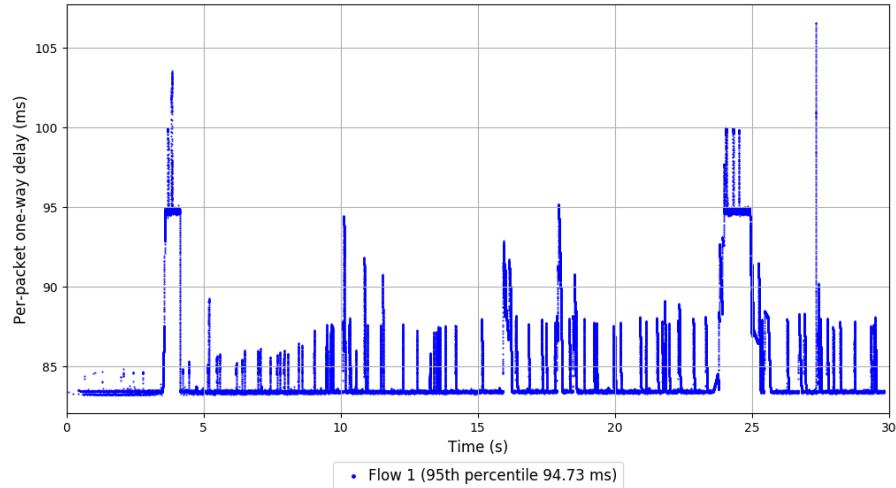
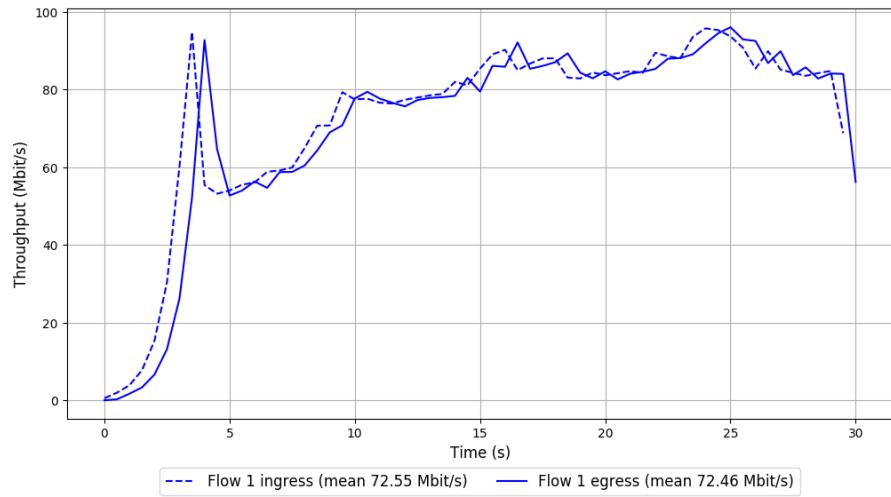


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-08-09 19:39:46
End at: 2018-08-09 19:40:16
Local clock offset: -2.818 ms
Remote clock offset: 3.837 ms

# Below is generated by plot.py at 2018-08-09 20:59:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.46 Mbit/s
95th percentile per-packet one-way delay: 94.731 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 72.46 Mbit/s
95th percentile per-packet one-way delay: 94.731 ms
Loss rate: 0.67%
```

Run 8: Report of PCC-Vivace — Data Link

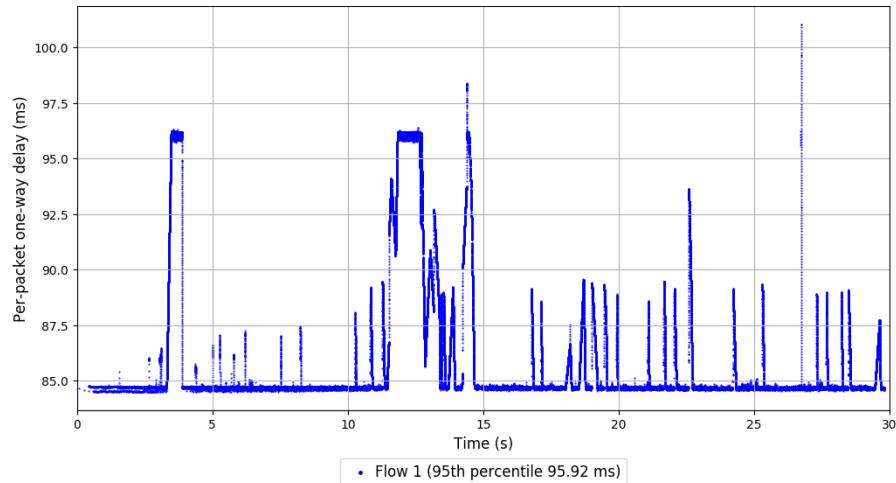
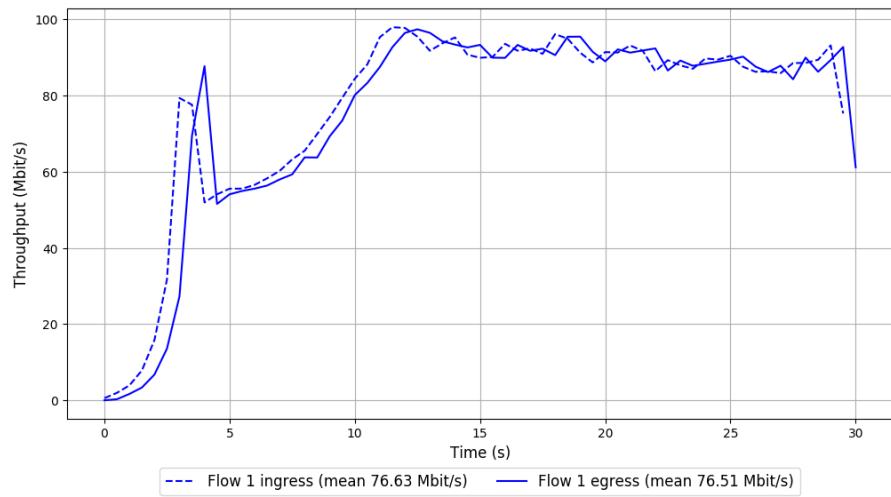


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-08-09 19:59:36
End at: 2018-08-09 20:00:06
Local clock offset: -2.176 ms
Remote clock offset: 2.76 ms

# Below is generated by plot.py at 2018-08-09 20:59:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.51 Mbit/s
95th percentile per-packet one-way delay: 95.920 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 76.51 Mbit/s
95th percentile per-packet one-way delay: 95.920 ms
Loss rate: 0.70%
```

Run 9: Report of PCC-Vivace — Data Link

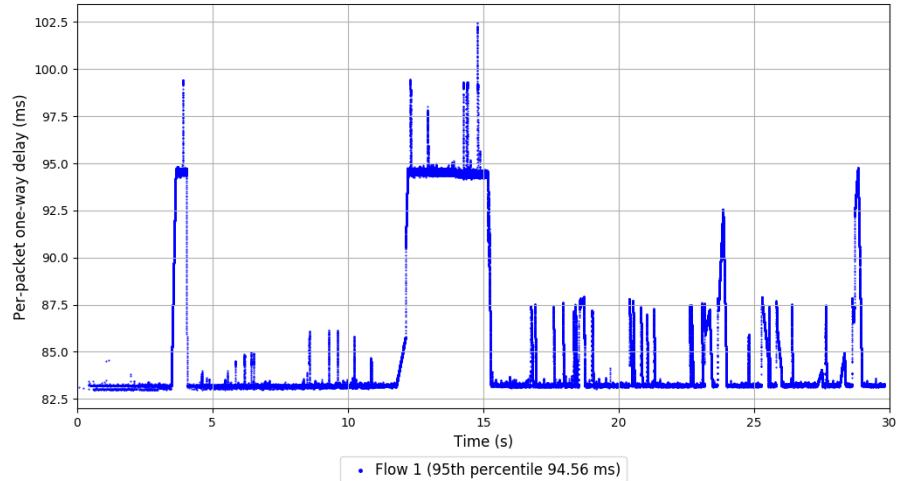
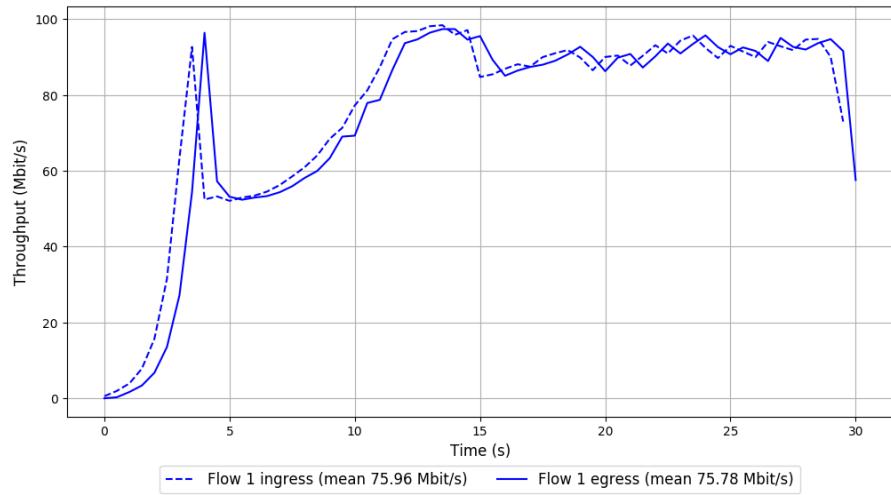


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-08-09 20:19:37
End at: 2018-08-09 20:20:07
Local clock offset: -2.355 ms
Remote clock offset: 2.74 ms

# Below is generated by plot.py at 2018-08-09 20:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.78 Mbit/s
95th percentile per-packet one-way delay: 94.563 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 75.78 Mbit/s
95th percentile per-packet one-way delay: 94.563 ms
Loss rate: 0.78%
```

Run 10: Report of PCC-Vivace — Data Link

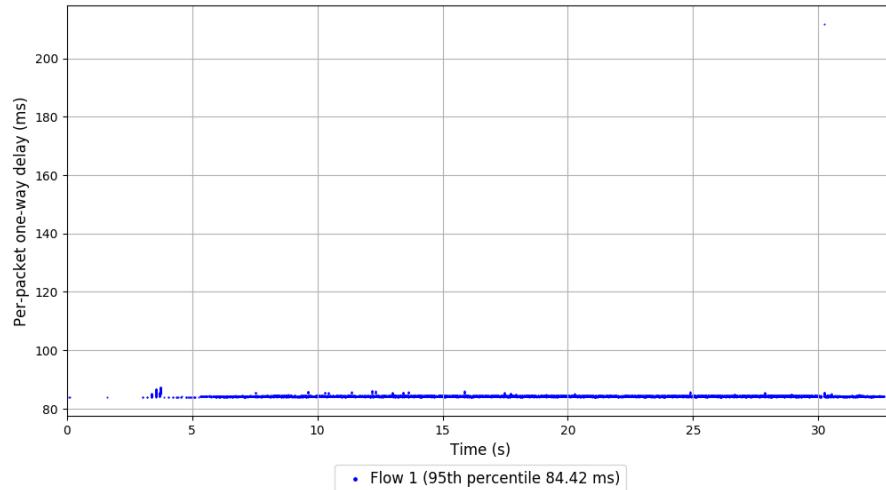
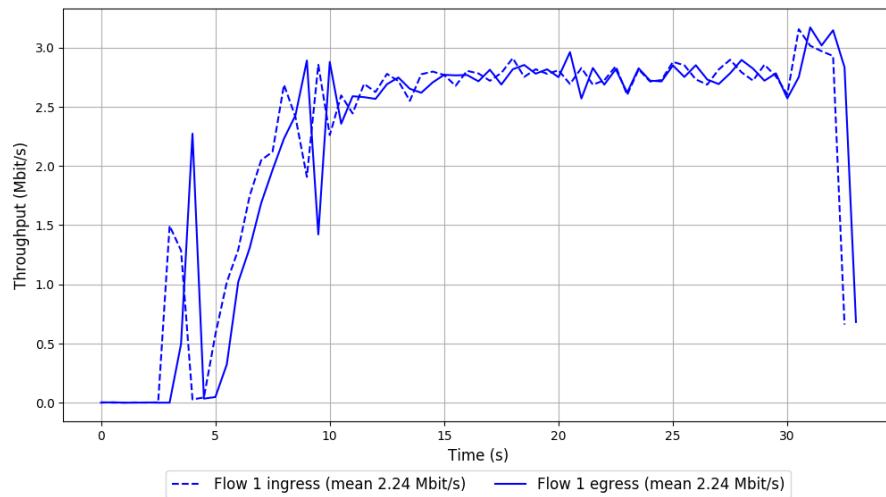


```
Run 1: Statistics of WebRTC media

Start at: 2018-08-09 17:24:06
End at: 2018-08-09 17:24:36
Local clock offset: -8.11 ms
Remote clock offset: 3.306 ms

# Below is generated by plot.py at 2018-08-09 20:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 84.423 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 84.423 ms
Loss rate: 0.32%
```

Run 1: Report of WebRTC media — Data Link

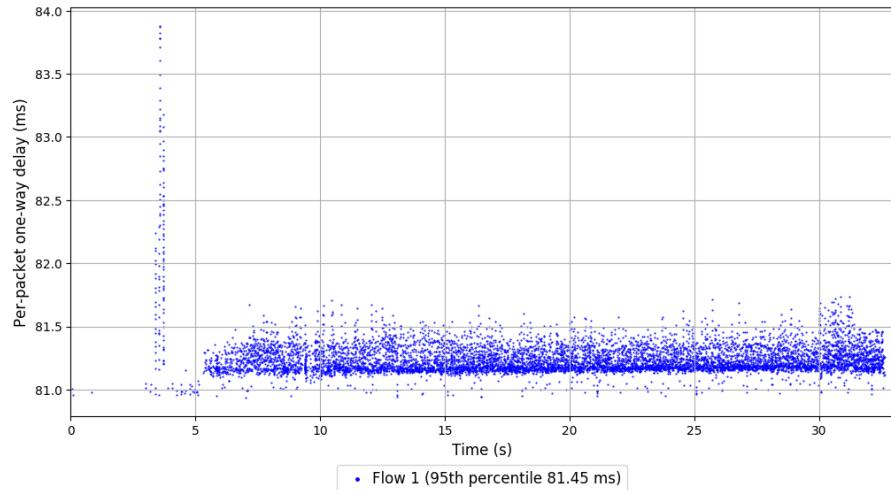
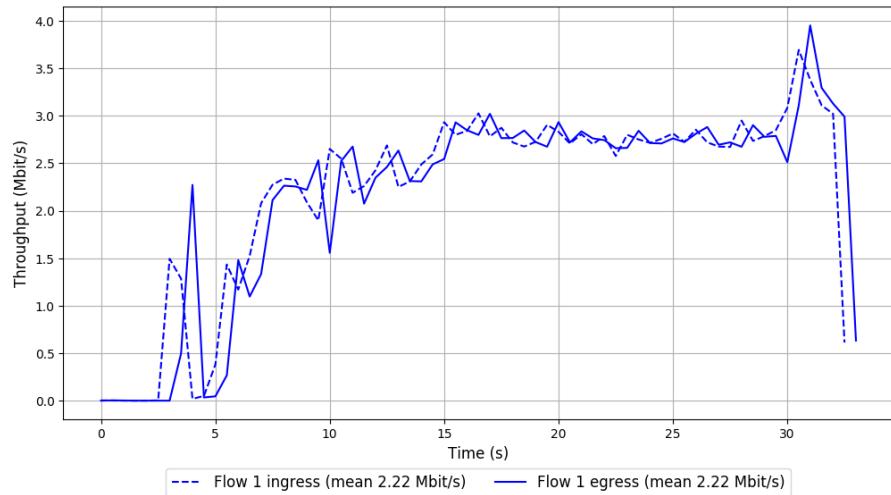


Run 2: Statistics of WebRTC media

```
Start at: 2018-08-09 17:43:56
End at: 2018-08-09 17:44:26
Local clock offset: -8.128 ms
Remote clock offset: 7.672 ms

# Below is generated by plot.py at 2018-08-09 20:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 81.455 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 81.455 ms
Loss rate: 0.36%
```

Run 2: Report of WebRTC media — Data Link

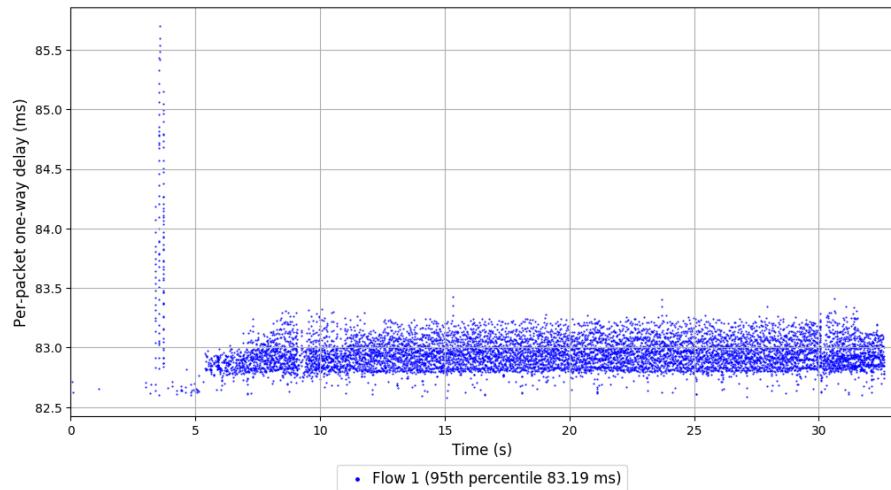
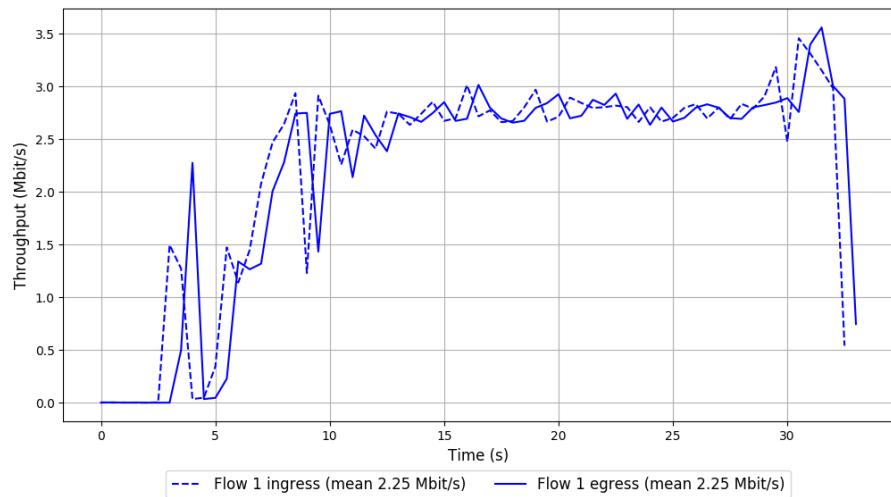


Run 3: Statistics of WebRTC media

```
Start at: 2018-08-09 18:03:45
End at: 2018-08-09 18:04:15
Local clock offset: -7.982 ms
Remote clock offset: 4.773 ms

# Below is generated by plot.py at 2018-08-09 20:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 83.187 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 83.187 ms
Loss rate: 0.26%
```

Run 3: Report of WebRTC media — Data Link

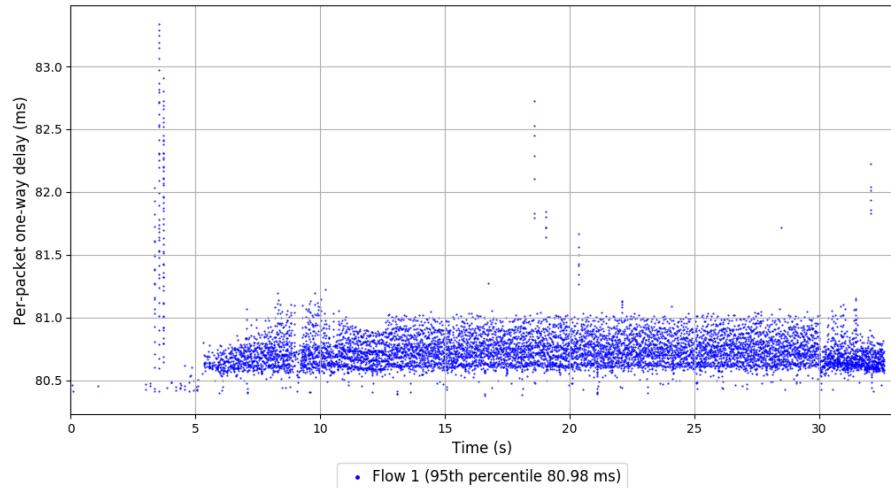
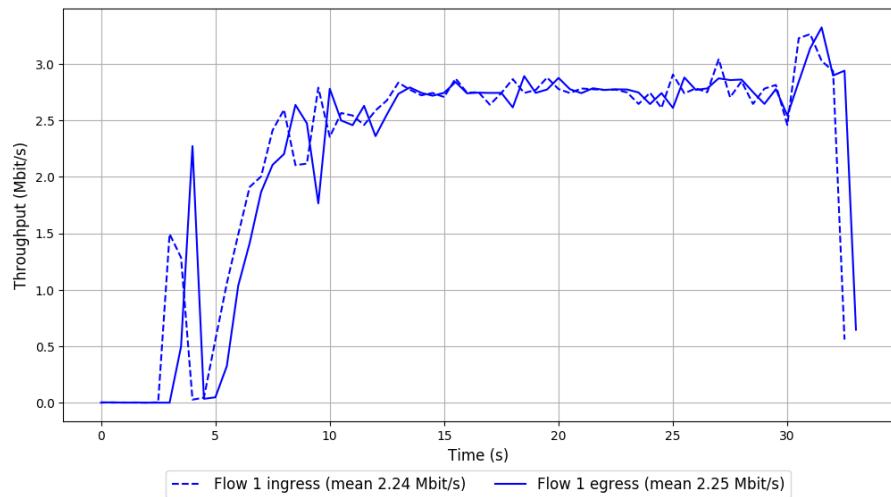


Run 4: Statistics of WebRTC media

```
Start at: 2018-08-09 18:23:35
End at: 2018-08-09 18:24:05
Local clock offset: -7.996 ms
Remote clock offset: 8.421 ms

# Below is generated by plot.py at 2018-08-09 20:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 80.978 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 80.978 ms
Loss rate: 0.28%
```

Run 4: Report of WebRTC media — Data Link

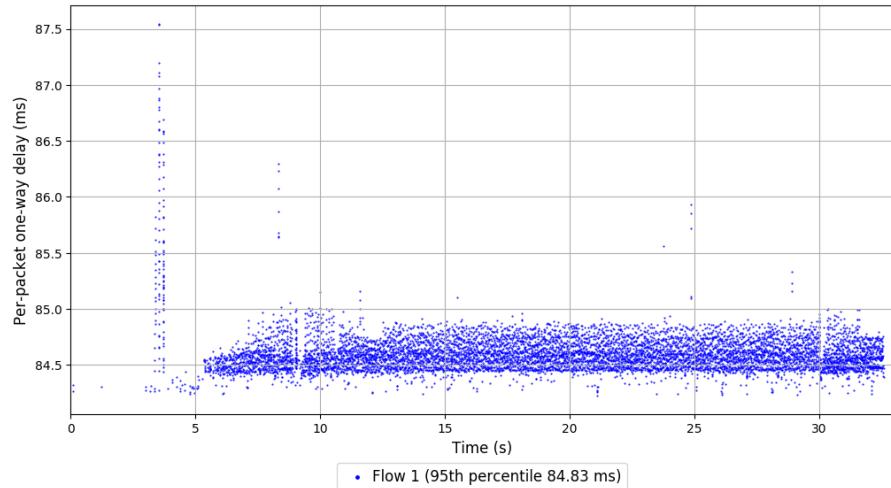
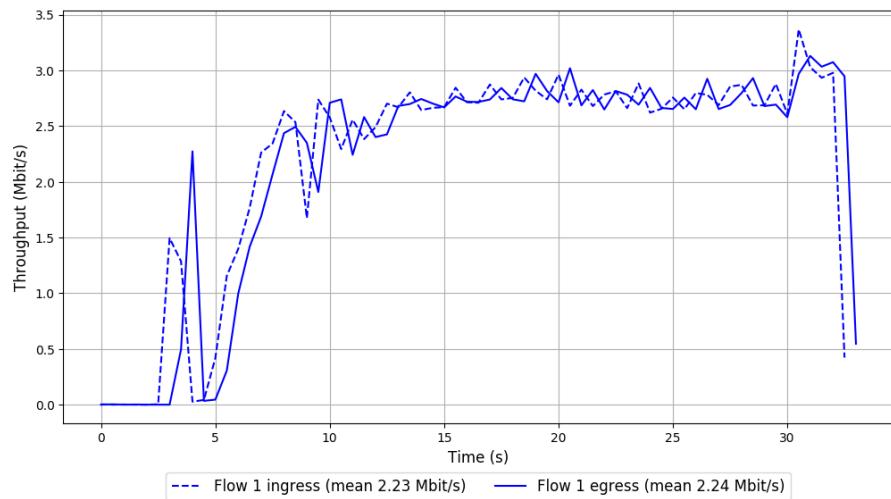


Run 5: Statistics of WebRTC media

```
Start at: 2018-08-09 18:43:26
End at: 2018-08-09 18:43:56
Local clock offset: -8.03 ms
Remote clock offset: 4.347 ms

# Below is generated by plot.py at 2018-08-09 20:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 84.835 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 84.835 ms
Loss rate: 0.27%
```

Run 5: Report of WebRTC media — Data Link

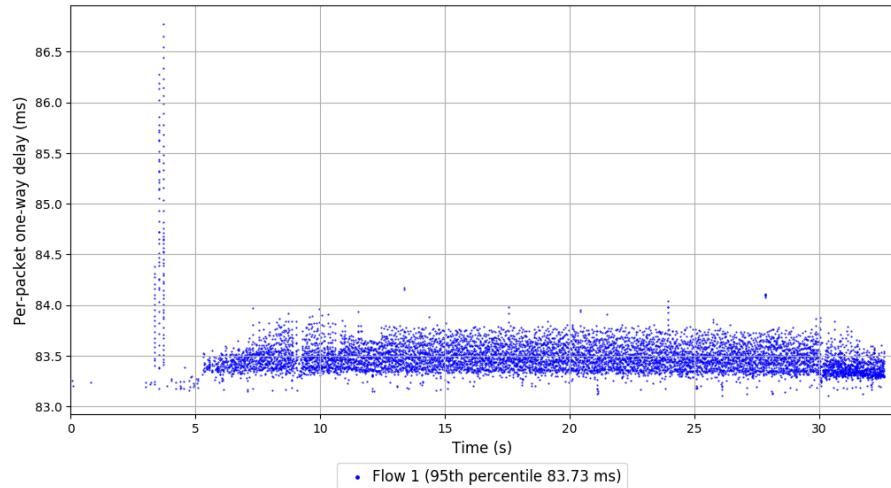
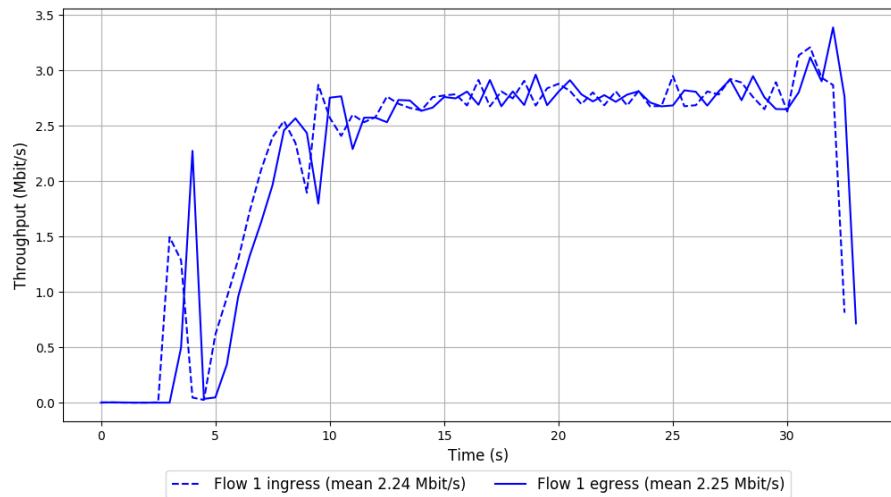


Run 6: Statistics of WebRTC media

```
Start at: 2018-08-09 19:03:18
End at: 2018-08-09 19:03:48
Local clock offset: -2.895 ms
Remote clock offset: 4.952 ms

# Below is generated by plot.py at 2018-08-09 20:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 83.726 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 83.726 ms
Loss rate: 0.41%
```

Run 6: Report of WebRTC media — Data Link

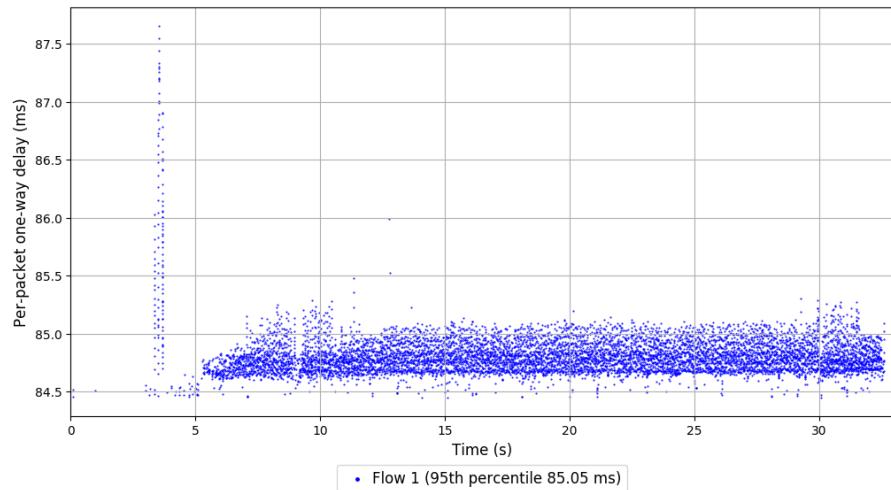
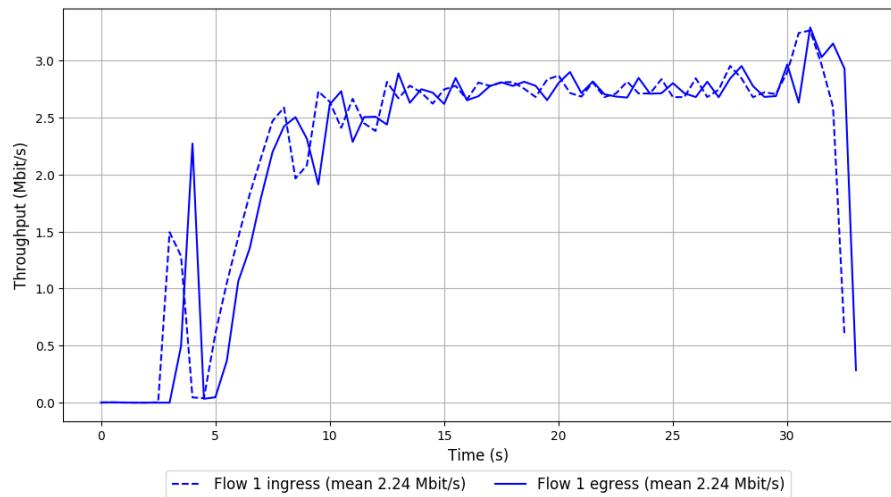


Run 7: Statistics of WebRTC media

```
Start at: 2018-08-09 19:23:26
End at: 2018-08-09 19:23:56
Local clock offset: -2.624 ms
Remote clock offset: 3.489 ms

# Below is generated by plot.py at 2018-08-09 20:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 85.051 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 85.051 ms
Loss rate: 0.31%
```

Run 7: Report of WebRTC media — Data Link

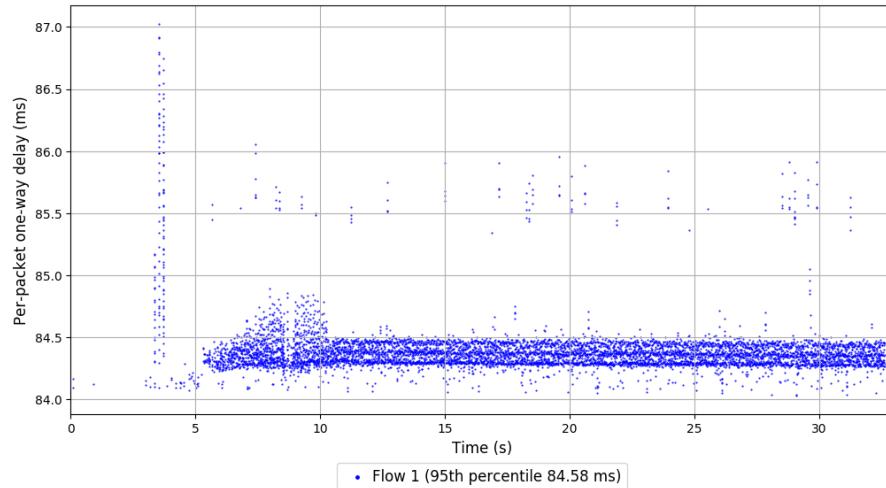
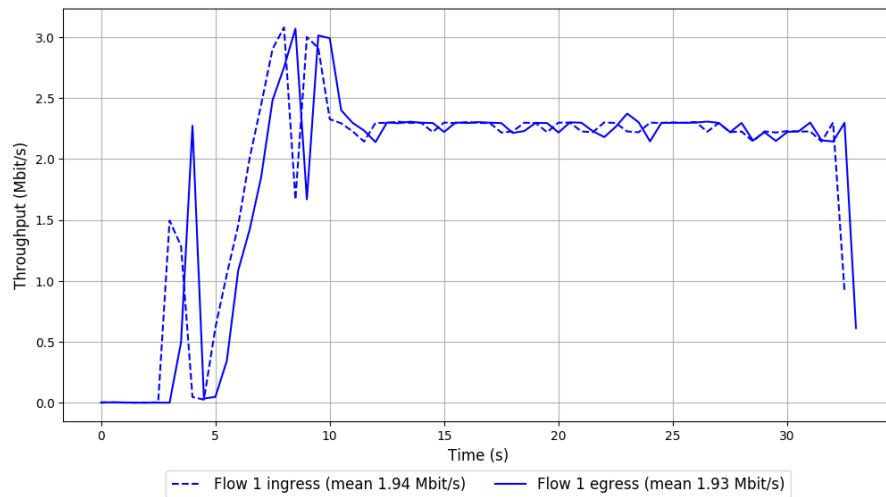


Run 8: Statistics of WebRTC media

```
Start at: 2018-08-09 19:43:17
End at: 2018-08-09 19:43:47
Local clock offset: -2.742 ms
Remote clock offset: 3.242 ms

# Below is generated by plot.py at 2018-08-09 20:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 84.575 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 84.575 ms
Loss rate: 0.54%
```

Run 8: Report of WebRTC media — Data Link

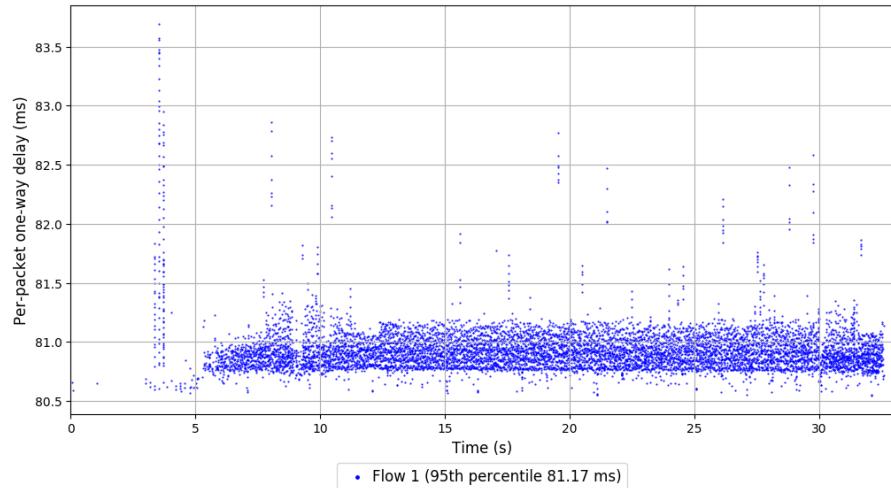
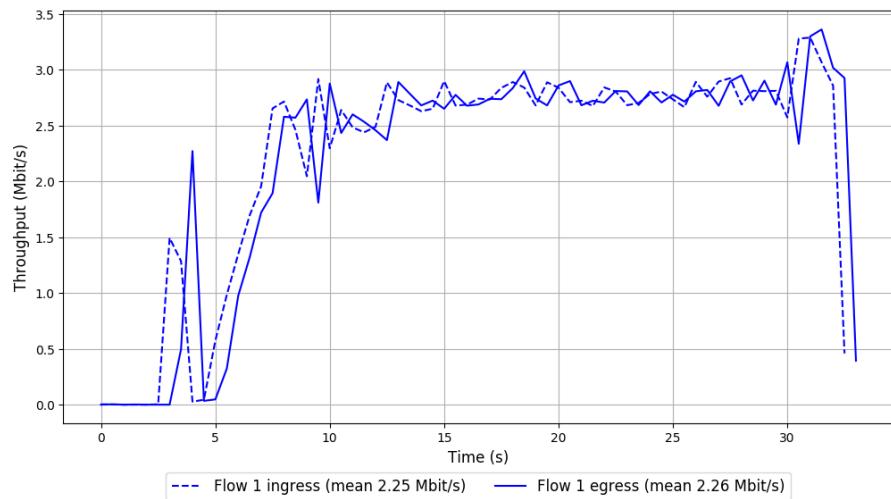


Run 9: Statistics of WebRTC media

```
Start at: 2018-08-09 20:03:07
End at: 2018-08-09 20:03:37
Local clock offset: -1.972 ms
Remote clock offset: 6.566 ms

# Below is generated by plot.py at 2018-08-09 20:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 81.168 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 81.168 ms
Loss rate: 0.28%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: 2018-08-09 20:23:08
End at: 2018-08-09 20:23:38
Local clock offset: -2.793 ms
Remote clock offset: 2.42 ms

# Below is generated by plot.py at 2018-08-09 20:59:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 83.196 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 83.196 ms
Loss rate: 0.61%
```

Run 10: Report of WebRTC media — Data Link

