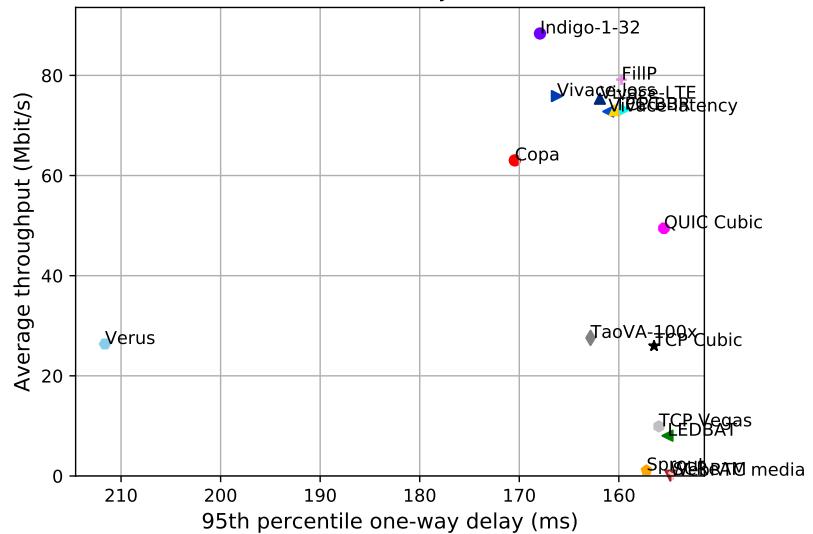


## Pantheon Report

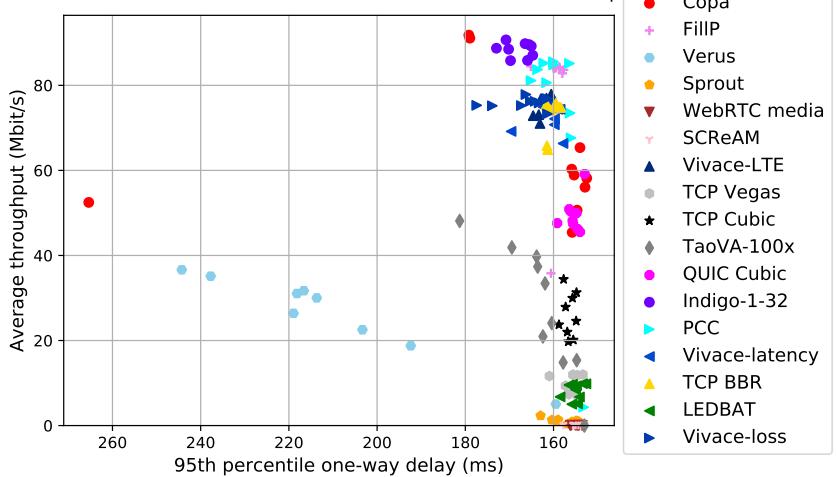
Generated at 2018-04-10 17:52:05 (UTC).  
Data path: AWS Korea Ethernet (*local*) → China Ethernet (*remote*).  
Repeated the test of 17 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).  
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).  
NTP offsets were measured against `ntp.nict.jp` and have been applied to correct the timestamps in logs.

Git summary:  
branch: master @ eb420b5be9bafcc22cf68b99ff5a2000462fc59  
third\_party/calibrated\_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50  
M datagrump/sender.cc  
third\_party/fillp @ 11f8c46a2bf1dc797253db7e8ca04076272b2a44  
third\_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2  
third\_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9  
third\_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d  
third\_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d  
third\_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f  
third\_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89  
third\_party/koho\_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681  
M datagrump/sender.cc  
third\_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf  
third\_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993  
third\_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1  
M receiver/src/buffer.h  
M receiver/src/core.cpp  
M sender/src/buffer.h  
M sender/src/core.cpp  
third\_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42  
third\_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885  
third\_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681  
third\_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce  
M src/examples/cellsim.cc  
M src/examples/sproutbt2.cc  
M src/network/sproutconn.cc  
third\_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
M src/verus.hpp  
M tools/plot.py  
third\_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3  
third\_party/webrtc @ f271183af822eee5d0031620f4bebf38aedc5581

test from AWS Korea Ethernet to China Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from AWS Korea Ethernet to China Ethernet, 10 runs of 30s each per scheme



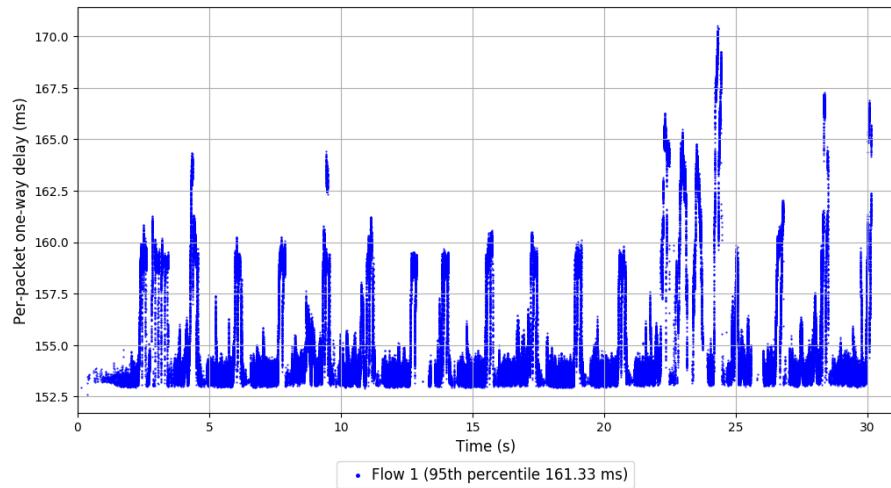
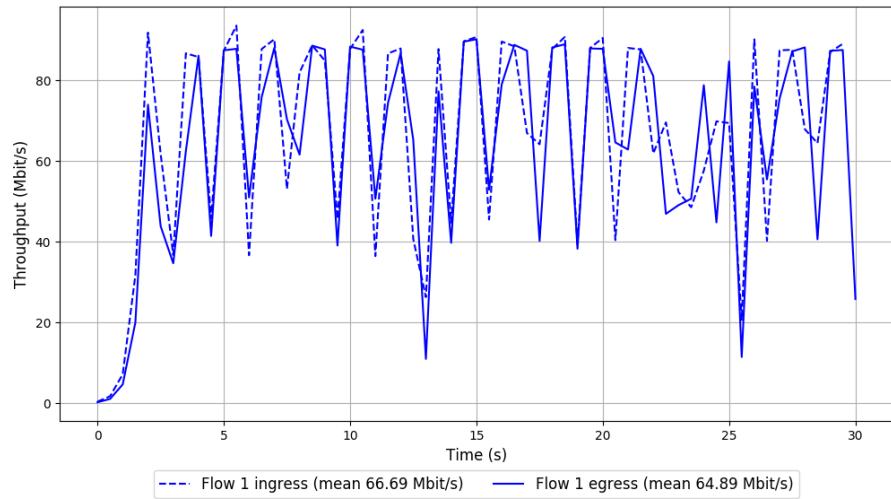
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	73.06	160.41	3.68
TCP Cubic	9	25.97	156.46	0.23
LEDBAT	10	8.04	155.11	0.08
PCC	10	73.17	159.42	1.69
QUIC Cubic	9	49.47	155.47	0.79
SCReAM	9	0.22	154.58	0.00
WebRTC media	10	0.06	154.83	0.00
Sprout	10	1.12	157.22	0.46
TaoVA-100x	10	27.58	162.84	3.11
TCP Vegas	10	9.91	155.98	0.39
Verus	9	26.36	211.62	73.25
Copa	10	63.02	170.45	26.55
FillP	10	79.16	159.73	5.45
Indigo-1-32	9	88.37	167.92	23.57
Vivace-latency	10	72.79	161.06	0.57
Vivace-loss	10	75.87	166.22	0.81
Vivace-LTE	10	75.35	161.90	0.48

Run 1: Statistics of TCP BBR

```
Start at: 2018-04-10 13:18:25
End at: 2018-04-10 13:18:55
Local clock offset: 18.627 ms
Remote clock offset: 2.176 ms

# Below is generated by plot.py at 2018-04-10 17:34:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.89 Mbit/s
95th percentile per-packet one-way delay: 161.332 ms
Loss rate: 2.66%
-- Flow 1:
Average throughput: 64.89 Mbit/s
95th percentile per-packet one-way delay: 161.332 ms
Loss rate: 2.66%
```

## Run 1: Report of TCP BBR — Data Link

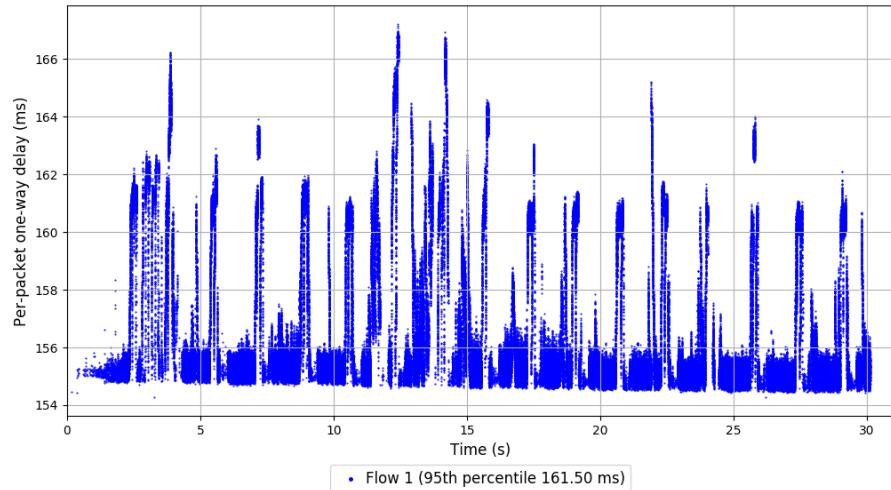
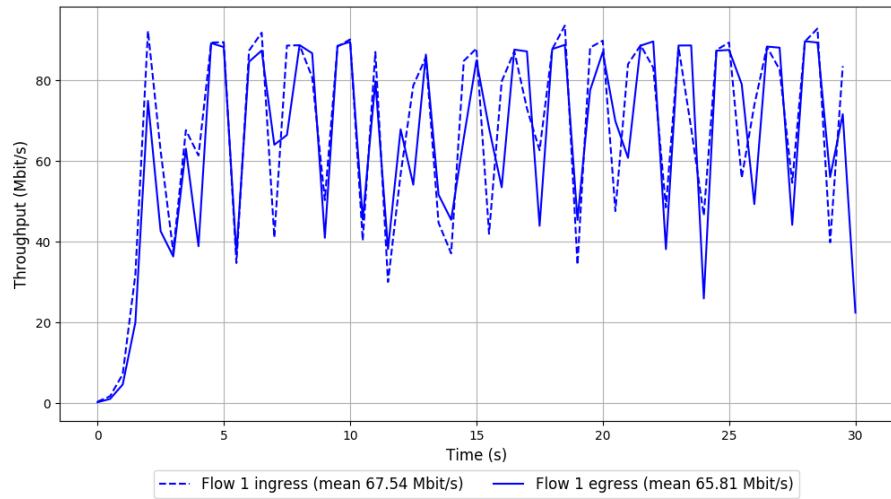


Run 2: Statistics of TCP BBR

```
Start at: 2018-04-10 13:43:45
End at: 2018-04-10 13:44:15
Local clock offset: 15.694 ms
Remote clock offset: 18.163 ms

# Below is generated by plot.py at 2018-04-10 17:34:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.81 Mbit/s
95th percentile per-packet one-way delay: 161.495 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 65.81 Mbit/s
95th percentile per-packet one-way delay: 161.495 ms
Loss rate: 2.57%
```

## Run 2: Report of TCP BBR — Data Link

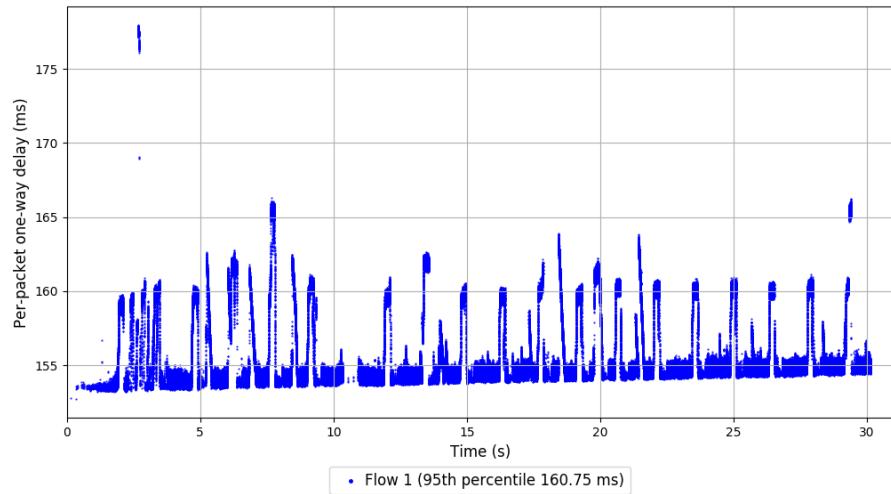
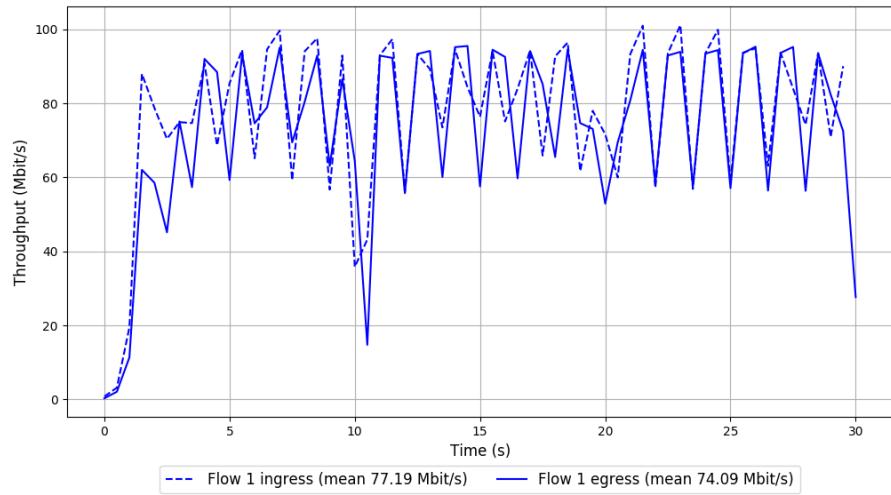


Run 3: Statistics of TCP BBR

```
Start at: 2018-04-10 14:07:45
End at: 2018-04-10 14:08:15
Local clock offset: 14.885 ms
Remote clock offset: 22.677 ms

# Below is generated by plot.py at 2018-04-10 17:34:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.09 Mbit/s
95th percentile per-packet one-way delay: 160.755 ms
Loss rate: 4.01%
-- Flow 1:
Average throughput: 74.09 Mbit/s
95th percentile per-packet one-way delay: 160.755 ms
Loss rate: 4.01%
```

### Run 3: Report of TCP BBR — Data Link

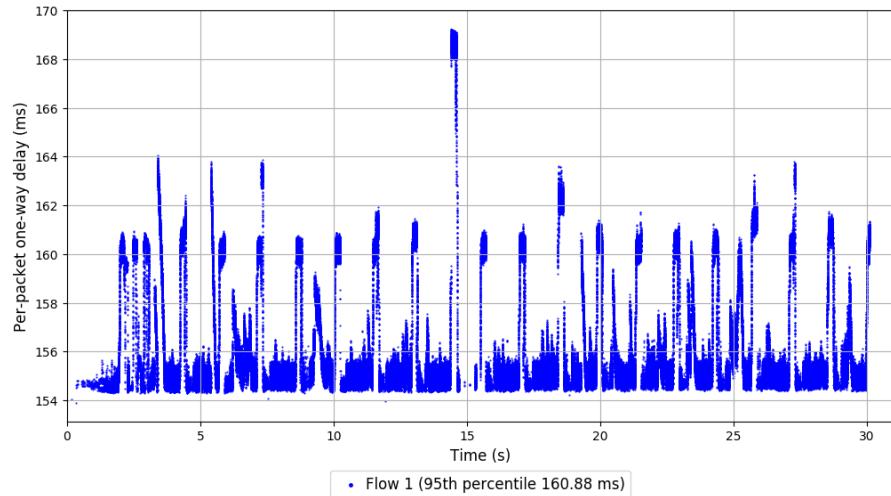
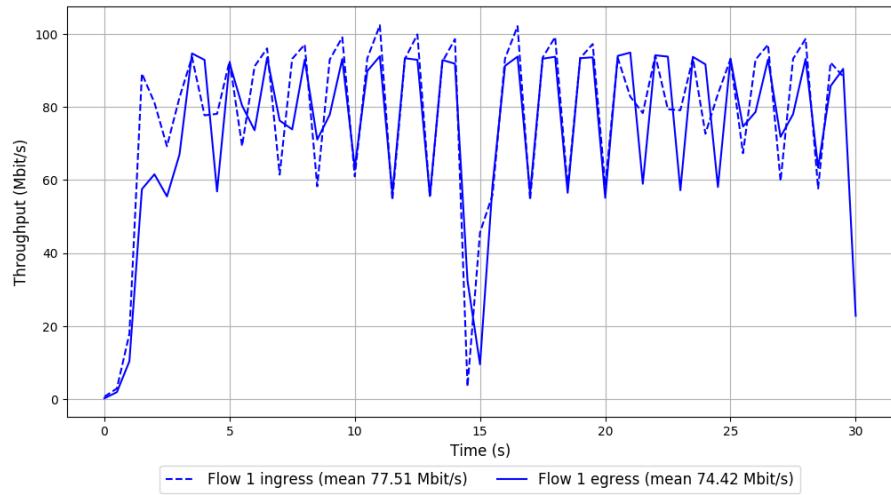


Run 4: Statistics of TCP BBR

```
Start at: 2018-04-10 14:32:15
End at: 2018-04-10 14:32:45
Local clock offset: 15.986 ms
Remote clock offset: -0.761 ms

# Below is generated by plot.py at 2018-04-10 17:34:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: 160.882 ms
Loss rate: 3.96%
-- Flow 1:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: 160.882 ms
Loss rate: 3.96%
```

## Run 4: Report of TCP BBR — Data Link

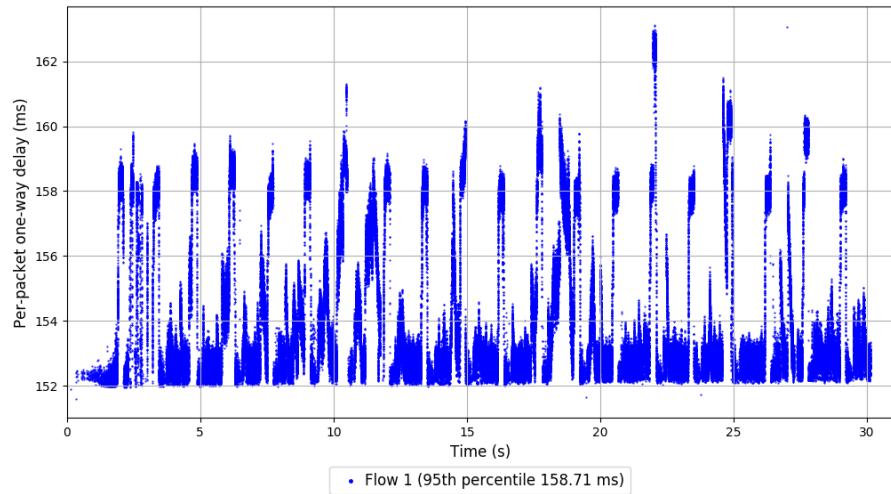
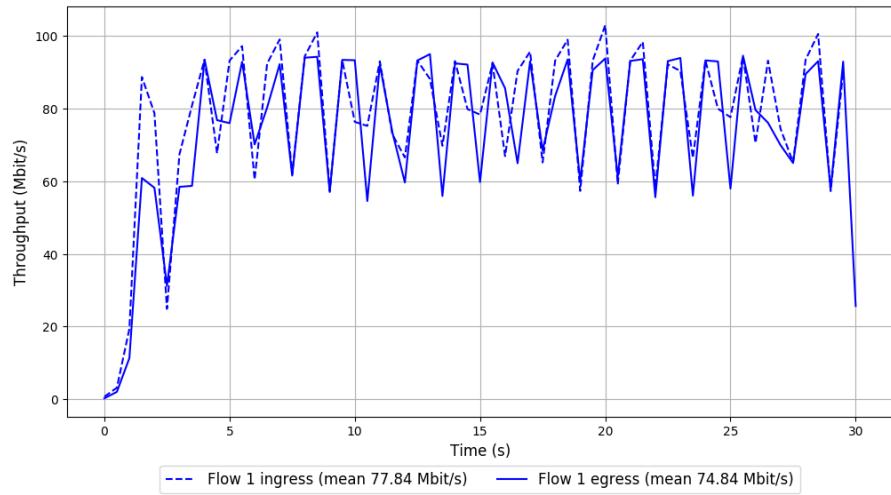


Run 5: Statistics of TCP BBR

```
Start at: 2018-04-10 14:56:08
End at: 2018-04-10 14:56:38
Local clock offset: 22.82 ms
Remote clock offset: 1.654 ms

# Below is generated by plot.py at 2018-04-10 17:34:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.84 Mbit/s
95th percentile per-packet one-way delay: 158.706 ms
Loss rate: 3.86%
-- Flow 1:
Average throughput: 74.84 Mbit/s
95th percentile per-packet one-way delay: 158.706 ms
Loss rate: 3.86%
```

### Run 5: Report of TCP BBR — Data Link

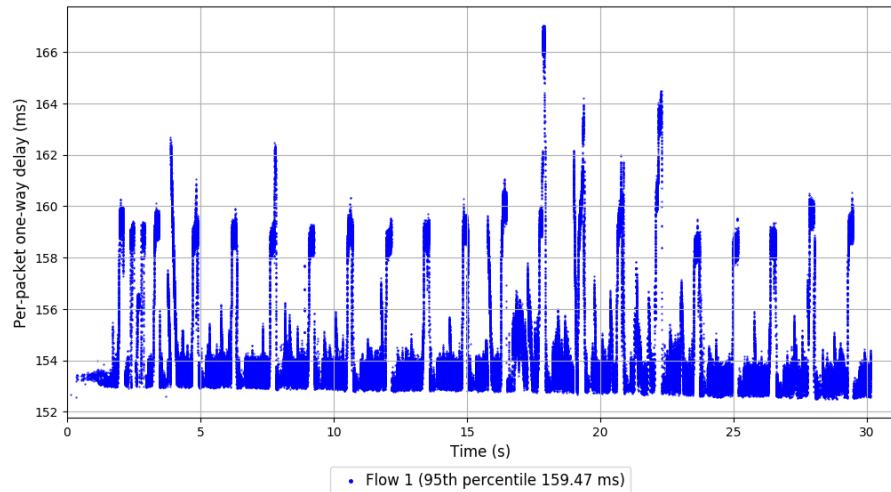
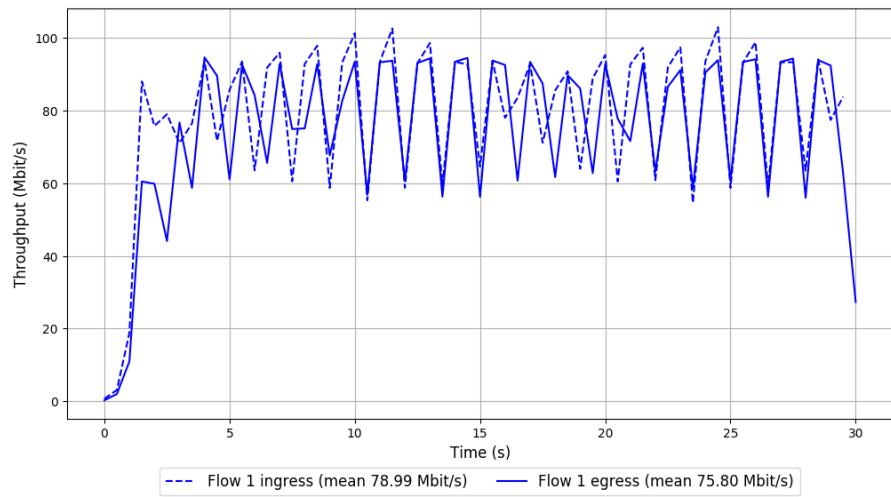


Run 6: Statistics of TCP BBR

```
Start at: 2018-04-10 15:20:39
End at: 2018-04-10 15:21:09
Local clock offset: 27.657 ms
Remote clock offset: 2.185 ms

# Below is generated by plot.py at 2018-04-10 17:34:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.80 Mbit/s
95th percentile per-packet one-way delay: 159.470 ms
Loss rate: 4.04%
-- Flow 1:
Average throughput: 75.80 Mbit/s
95th percentile per-packet one-way delay: 159.470 ms
Loss rate: 4.04%
```

## Run 6: Report of TCP BBR — Data Link

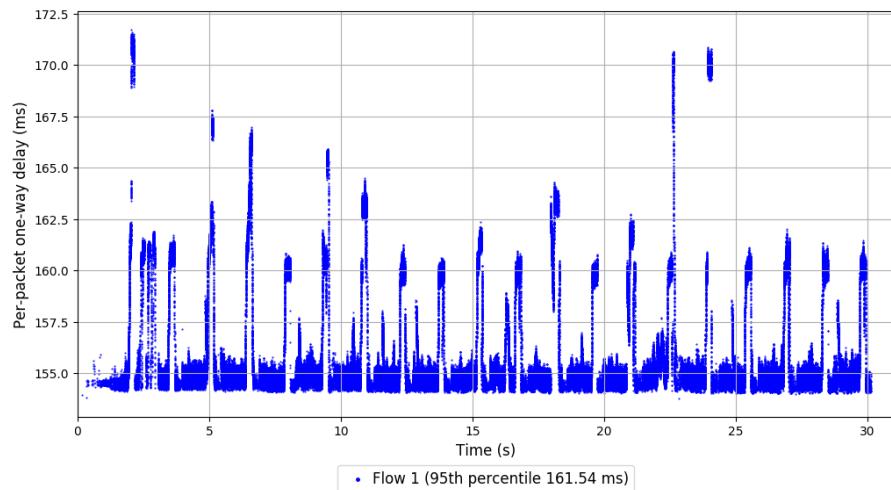
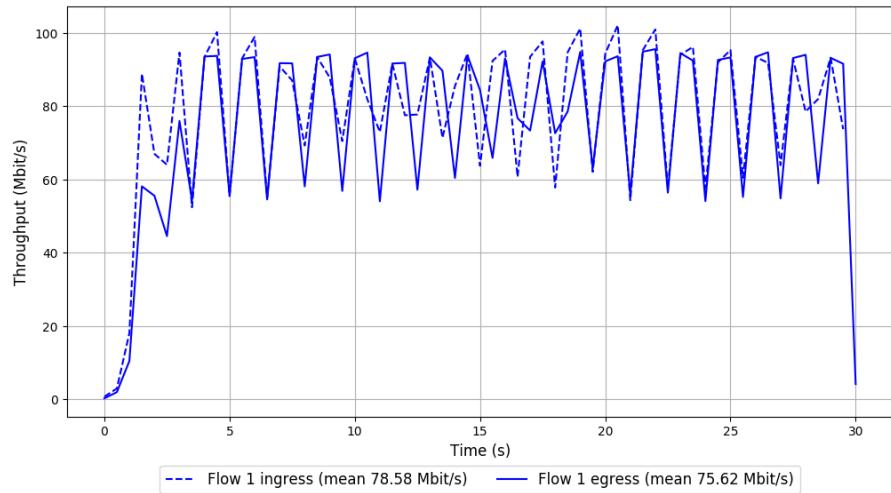


Run 7: Statistics of TCP BBR

```
Start at: 2018-04-10 15:43:54
End at: 2018-04-10 15:44:24
Local clock offset: 16.922 ms
Remote clock offset: 2.003 ms

# Below is generated by plot.py at 2018-04-10 17:34:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.62 Mbit/s
95th percentile per-packet one-way delay: 161.541 ms
Loss rate: 3.77%
-- Flow 1:
Average throughput: 75.62 Mbit/s
95th percentile per-packet one-way delay: 161.541 ms
Loss rate: 3.77%
```

### Run 7: Report of TCP BBR — Data Link

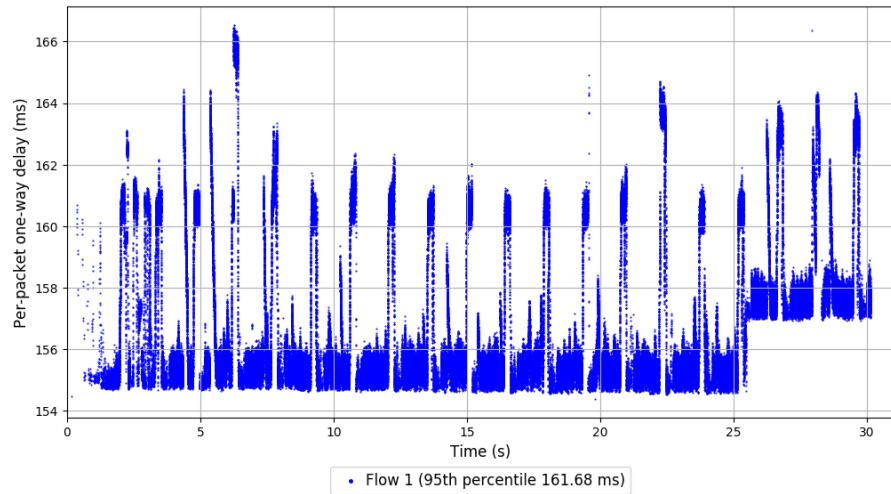
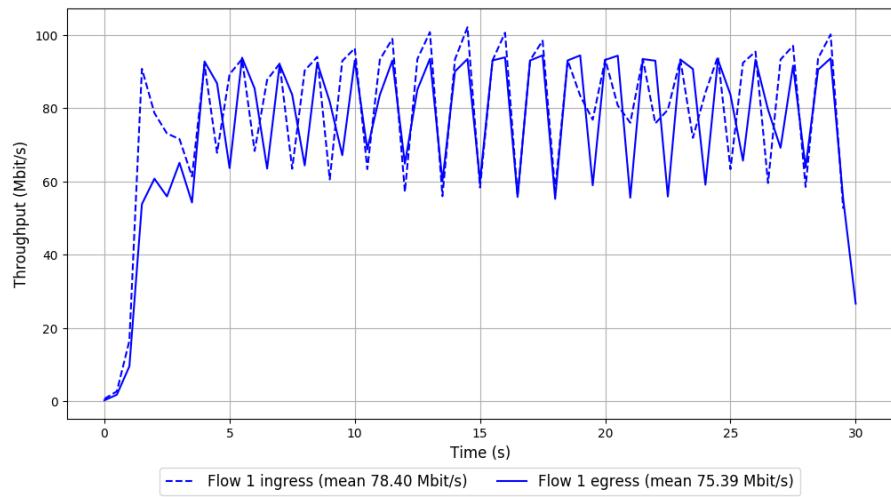


Run 8: Statistics of TCP BBR

```
Start at: 2018-04-10 16:06:28
End at: 2018-04-10 16:06:58
Local clock offset: 17.98 ms
Remote clock offset: 20.309 ms

# Below is generated by plot.py at 2018-04-10 17:34:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.39 Mbit/s
95th percentile per-packet one-way delay: 161.682 ms
Loss rate: 3.83%
-- Flow 1:
Average throughput: 75.39 Mbit/s
95th percentile per-packet one-way delay: 161.682 ms
Loss rate: 3.83%
```

Run 8: Report of TCP BBR — Data Link

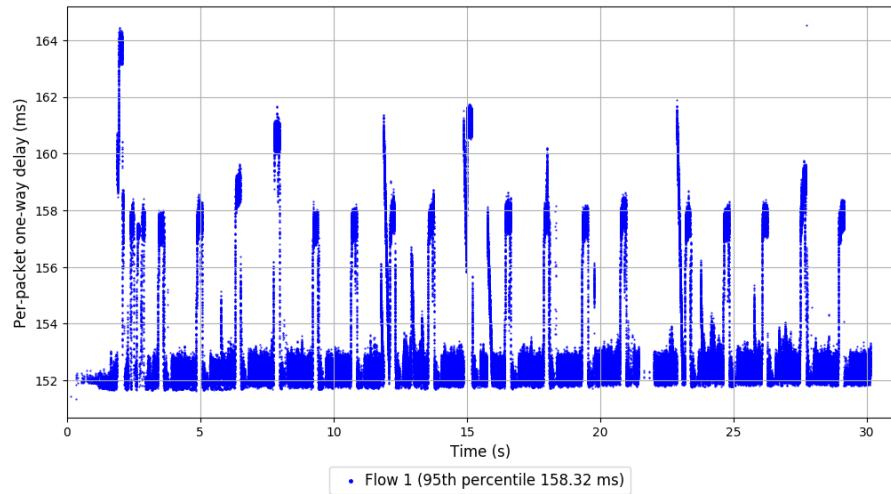
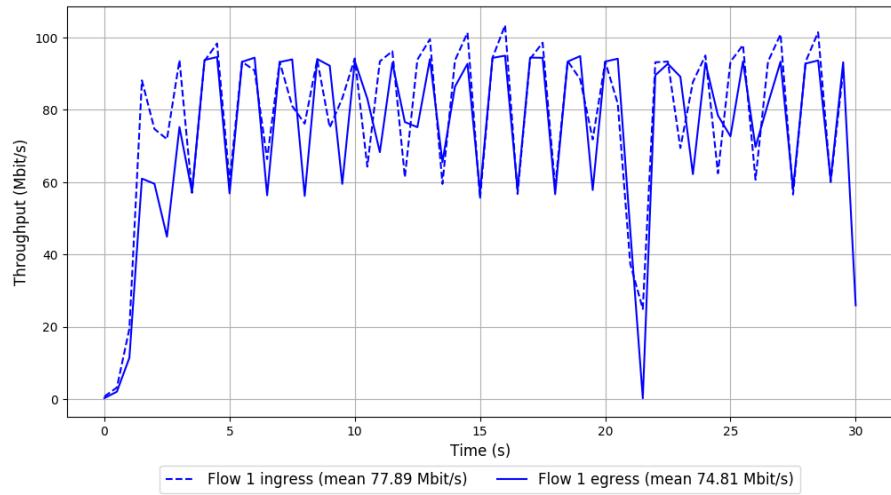


Run 9: Statistics of TCP BBR

```
Start at: 2018-04-10 16:30:19
End at: 2018-04-10 16:30:49
Local clock offset: 16.608 ms
Remote clock offset: 12.407 ms

# Below is generated by plot.py at 2018-04-10 17:35:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 158.320 ms
Loss rate: 3.94%
-- Flow 1:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 158.320 ms
Loss rate: 3.94%
```

### Run 9: Report of TCP BBR — Data Link

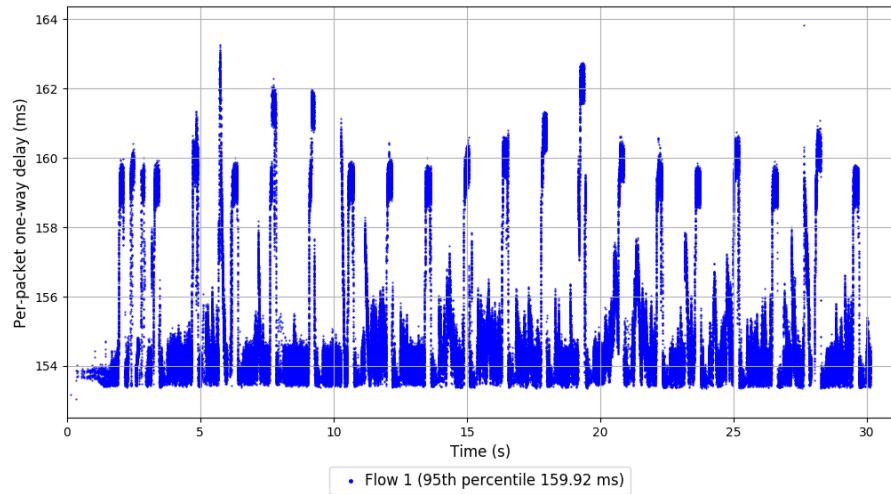
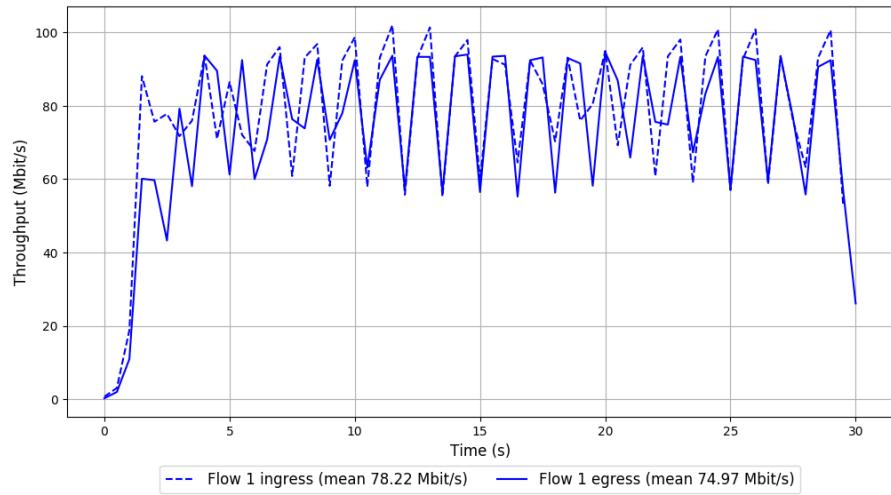


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2018-04-10 16:53:15
End at: 2018-04-10 16:53:45
Local clock offset: 8.252 ms
Remote clock offset: 3.512 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.97 Mbit/s
95th percentile per-packet one-way delay: 159.919 ms
Loss rate: 4.15%
-- Flow 1:
Average throughput: 74.97 Mbit/s
95th percentile per-packet one-way delay: 159.919 ms
Loss rate: 4.15%
```

### Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

/home/ubuntu/pantheon\_data/2018-04-10T13-13-AWS-Korea-to-China-10-runs/default\_tcp\_stats\_run

Run 1: Report of TCP Cubic — Data Link

Figure is missing

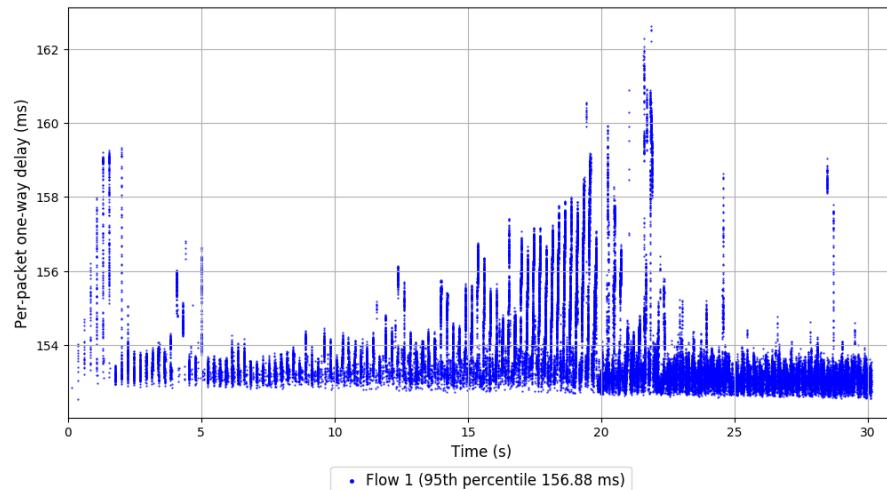
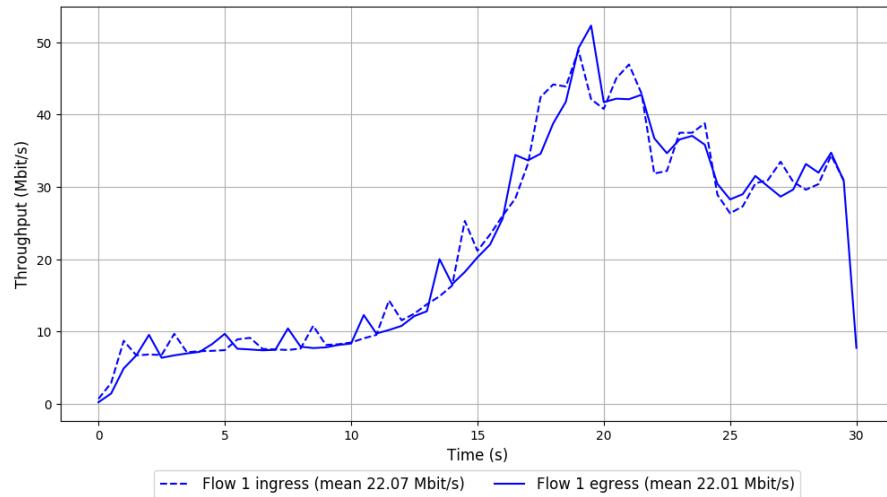
Figure is missing

Run 2: Statistics of TCP Cubic

```
Start at: 2018-04-10 13:45:06
End at: 2018-04-10 13:45:36
Local clock offset: 15.998 ms
Remote clock offset: 19.17 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.01 Mbit/s
95th percentile per-packet one-way delay: 156.877 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 22.01 Mbit/s
95th percentile per-packet one-way delay: 156.877 ms
Loss rate: 0.29%
```

## Run 2: Report of TCP Cubic — Data Link

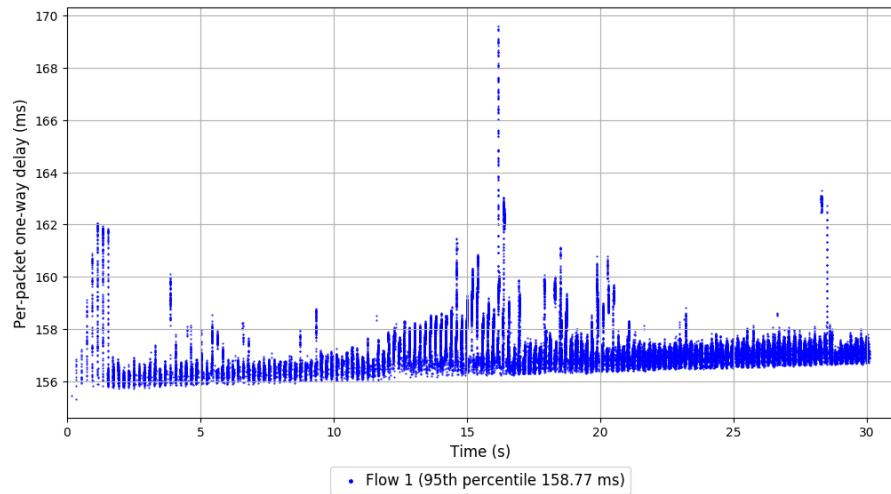
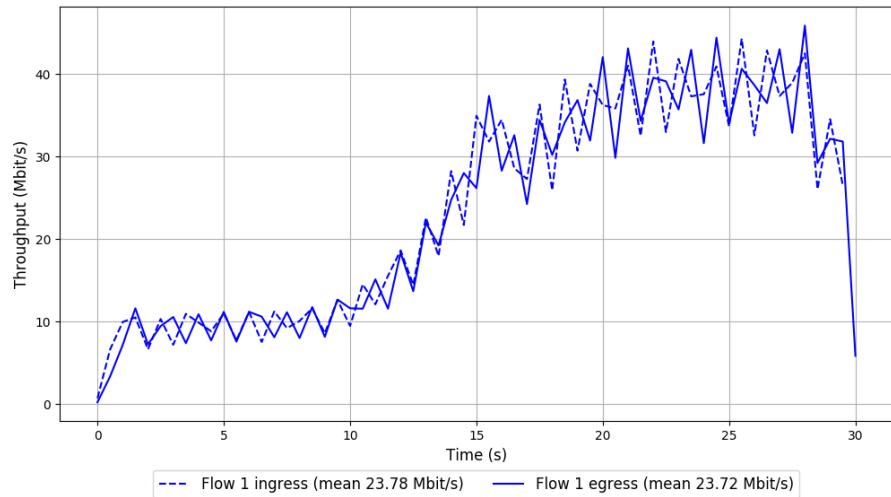


Run 3: Statistics of TCP Cubic

```
Start at: 2018-04-10 14:09:06
End at: 2018-04-10 14:09:36
Local clock offset: 14.582 ms
Remote clock offset: 18.894 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 158.774 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 158.774 ms
Loss rate: 0.27%
```

### Run 3: Report of TCP Cubic — Data Link

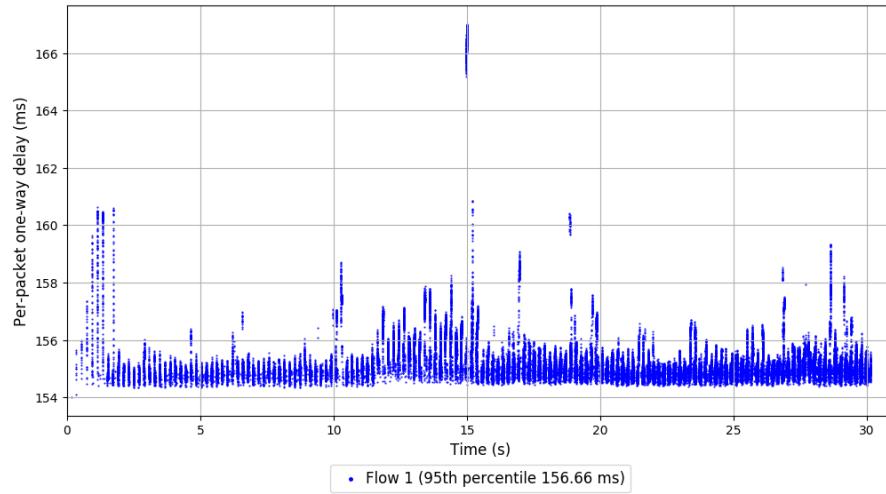
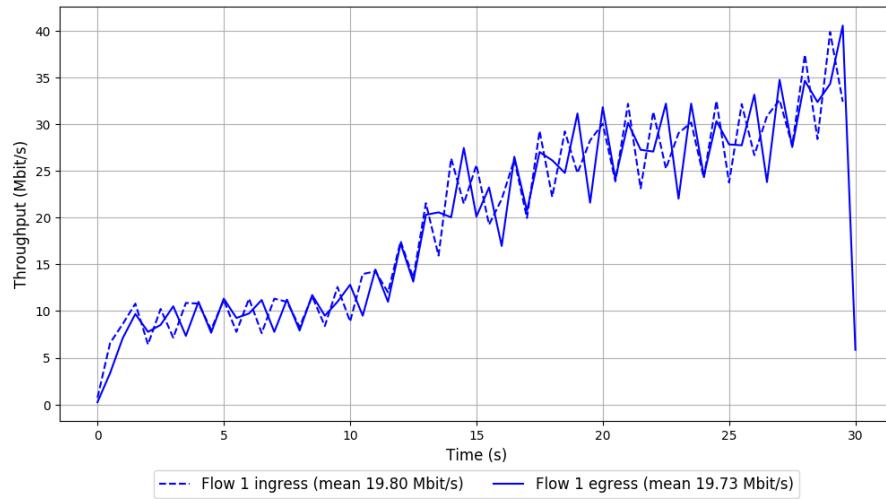


Run 4: Statistics of TCP Cubic

```
Start at: 2018-04-10 14:33:36
End at: 2018-04-10 14:34:06
Local clock offset: 15.792 ms
Remote clock offset: -1.088 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.73 Mbit/s
95th percentile per-packet one-way delay: 156.661 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 19.73 Mbit/s
95th percentile per-packet one-way delay: 156.661 ms
Loss rate: 0.36%
```

### Run 4: Report of TCP Cubic — Data Link

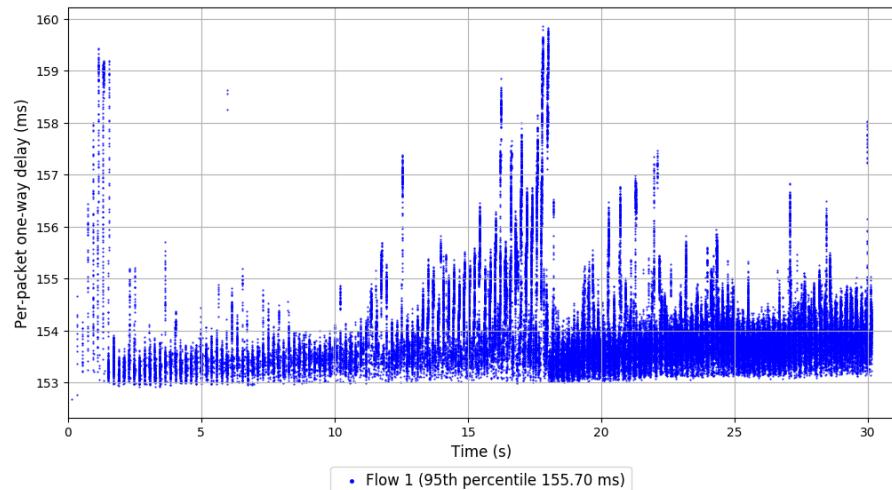
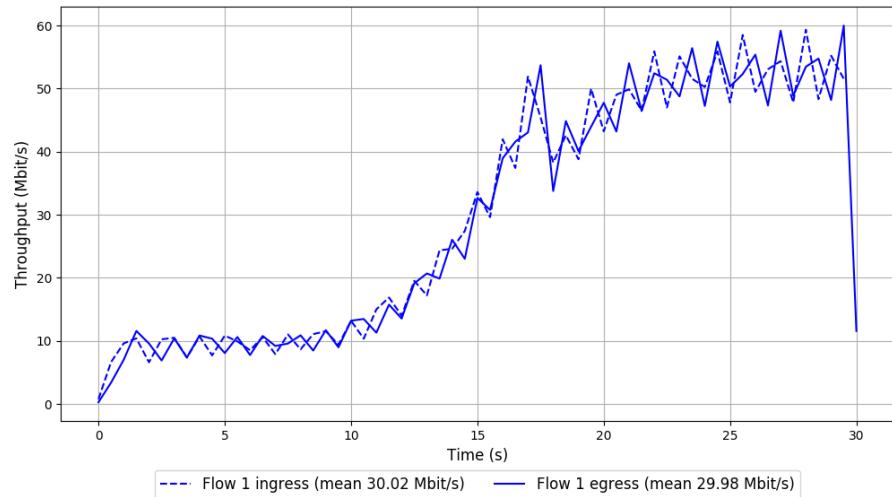


Run 5: Statistics of TCP Cubic

```
Start at: 2018-04-10 14:57:29
End at: 2018-04-10 14:57:59
Local clock offset: 23.468 ms
Remote clock offset: 1.63 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.98 Mbit/s
95th percentile per-packet one-way delay: 155.699 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 29.98 Mbit/s
95th percentile per-packet one-way delay: 155.699 ms
Loss rate: 0.13%
```

Run 5: Report of TCP Cubic — Data Link

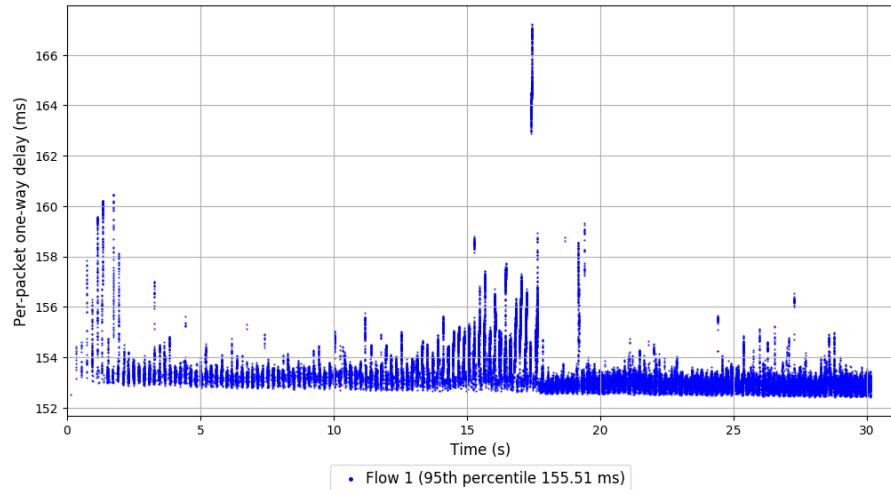
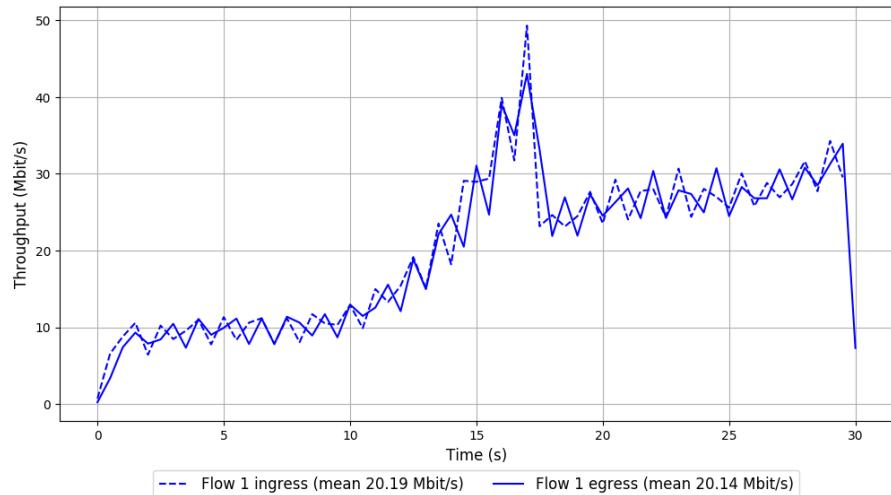


Run 6: Statistics of TCP Cubic

```
Start at: 2018-04-10 15:21:55
End at: 2018-04-10 15:22:25
Local clock offset: 26.374 ms
Remote clock offset: 2.089 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.14 Mbit/s
95th percentile per-packet one-way delay: 155.508 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 20.14 Mbit/s
95th percentile per-packet one-way delay: 155.508 ms
Loss rate: 0.29%
```

## Run 6: Report of TCP Cubic — Data Link

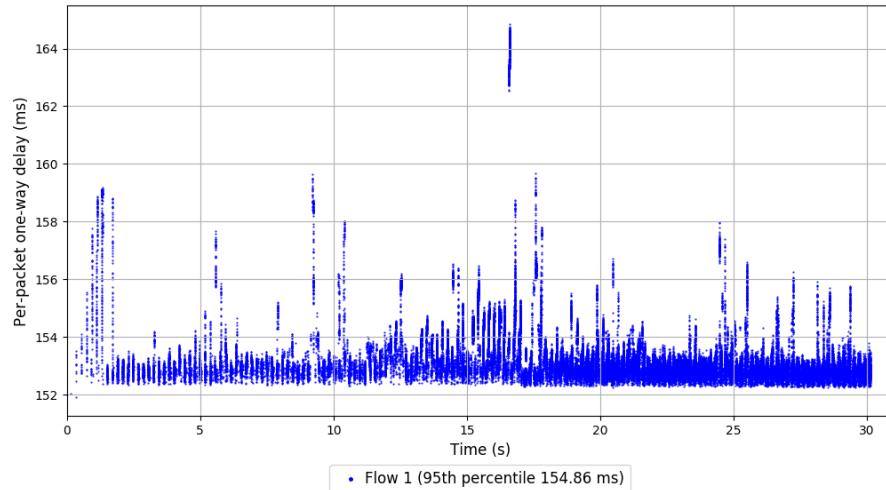
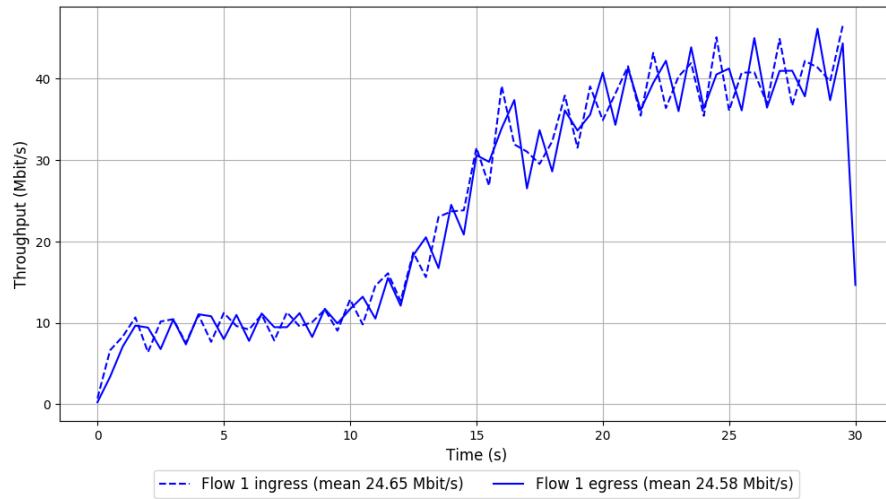


Run 7: Statistics of TCP Cubic

```
Start at: 2018-04-10 15:45:10
End at: 2018-04-10 15:45:40
Local clock offset: 16.774 ms
Remote clock offset: 1.956 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 154.863 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 154.863 ms
Loss rate: 0.26%
```

Run 7: Report of TCP Cubic — Data Link

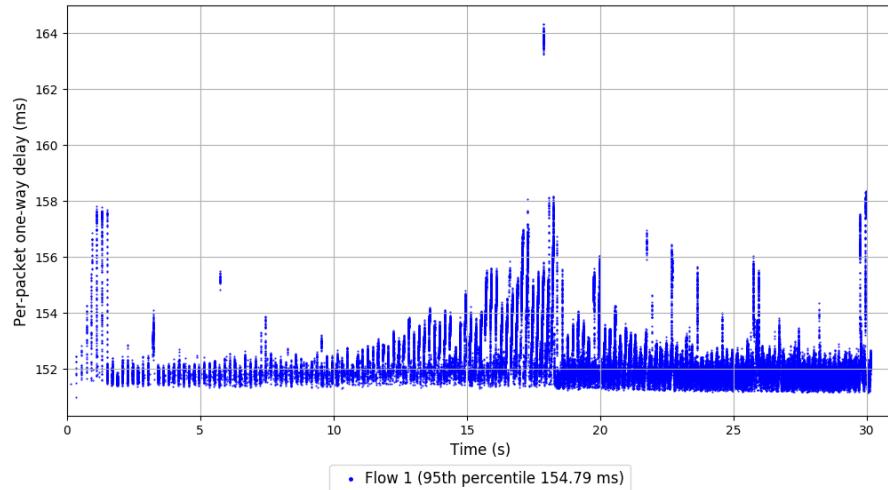
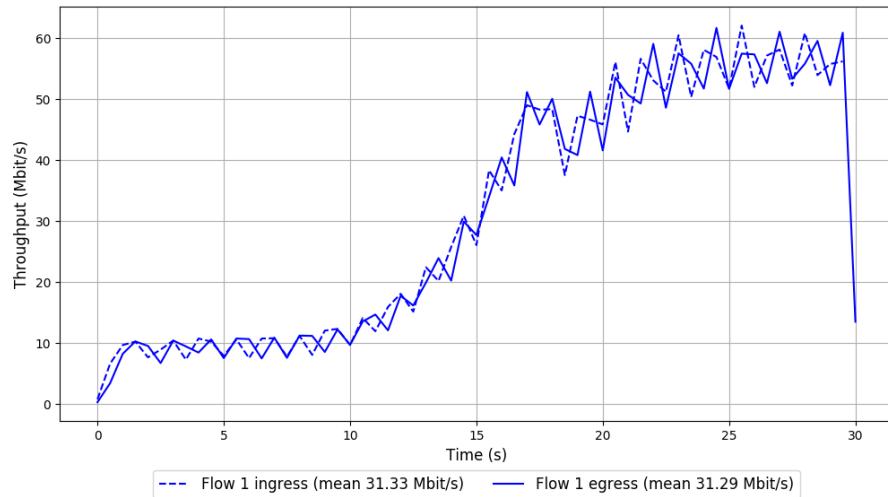


Run 8: Statistics of TCP Cubic

```
Start at: 2018-04-10 16:07:45
End at: 2018-04-10 16:08:15
Local clock offset: 17.968 ms
Remote clock offset: 20.914 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.29 Mbit/s
95th percentile per-packet one-way delay: 154.792 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 31.29 Mbit/s
95th percentile per-packet one-way delay: 154.792 ms
Loss rate: 0.14%
```

### Run 8: Report of TCP Cubic — Data Link

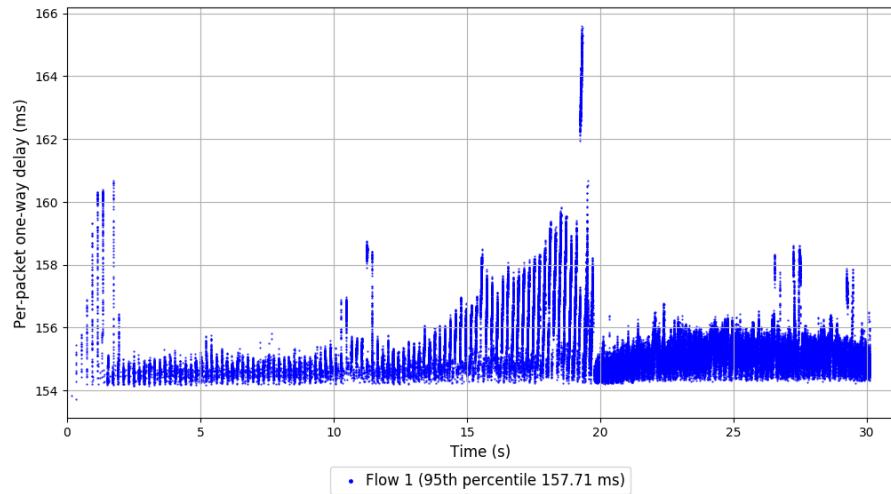
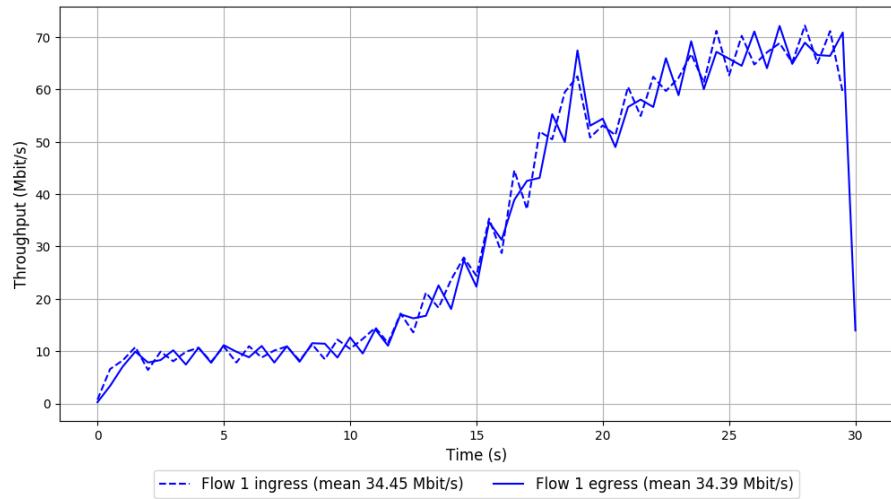


Run 9: Statistics of TCP Cubic

```
Start at: 2018-04-10 16:31:35
End at: 2018-04-10 16:32:05
Local clock offset: 15.51 ms
Remote clock offset: 10.965 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.39 Mbit/s
95th percentile per-packet one-way delay: 157.708 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 34.39 Mbit/s
95th percentile per-packet one-way delay: 157.708 ms
Loss rate: 0.16%
```

### Run 9: Report of TCP Cubic — Data Link

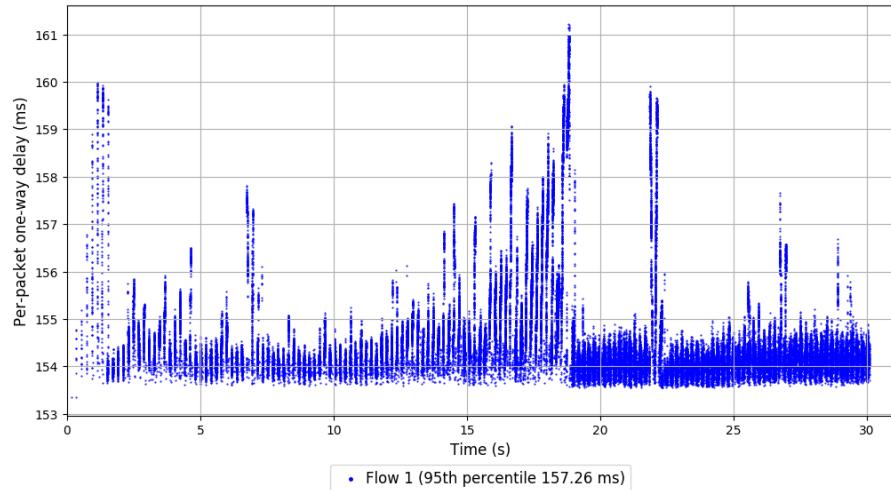
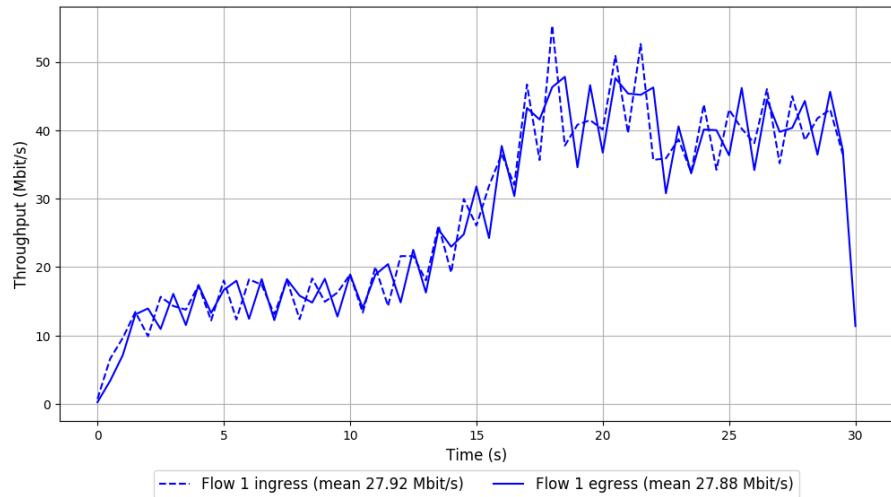


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-04-10 16:54:32
End at: 2018-04-10 16:55:02
Local clock offset: 8.08 ms
Remote clock offset: 3.411 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.88 Mbit/s
95th percentile per-packet one-way delay: 157.259 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 27.88 Mbit/s
95th percentile per-packet one-way delay: 157.259 ms
Loss rate: 0.13%
```

## Run 10: Report of TCP Cubic — Data Link

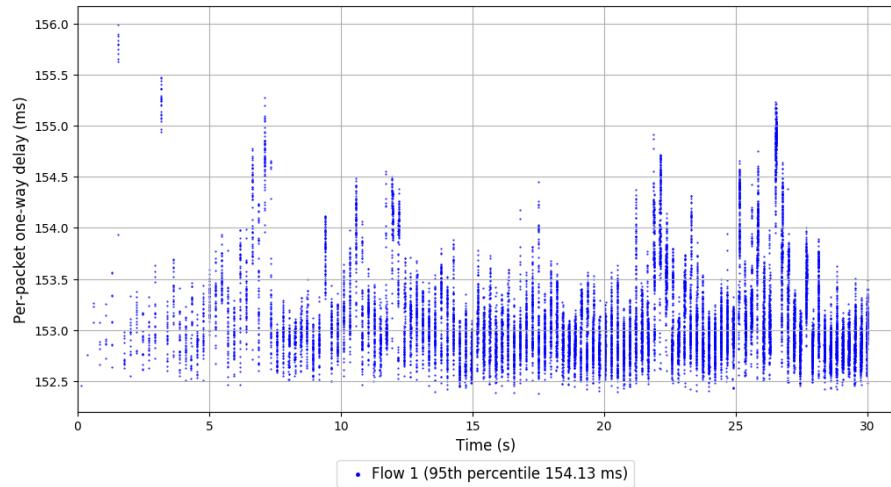
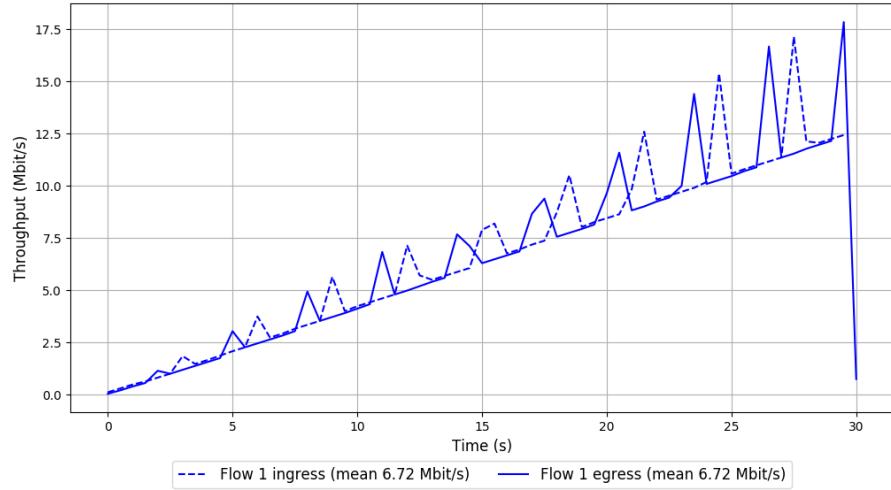


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2018-04-10 13:28:56
End at: 2018-04-10 13:29:26
Local clock offset: 16.226 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 154.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 154.130 ms
Loss rate: 0.00%
```

## Run 1: Report of LEDBAT — Data Link

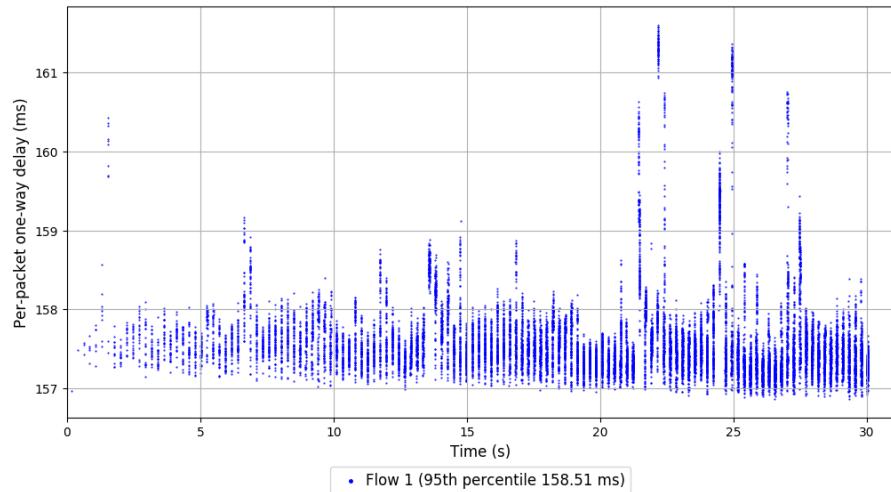
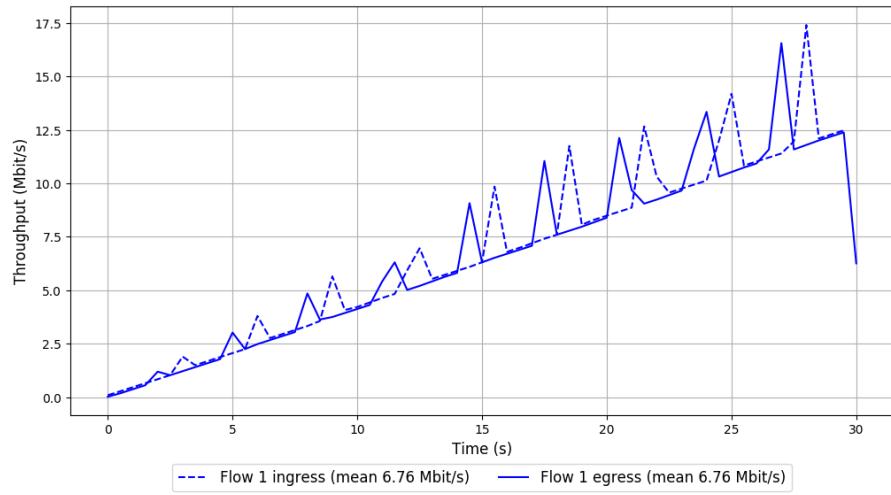


Run 2: Statistics of LEDBAT

```
Start at: 2018-04-10 13:53:08
End at: 2018-04-10 13:53:38
Local clock offset: 16.276 ms
Remote clock offset: 24.055 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 158.511 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 158.511 ms
Loss rate: 0.00%
```

## Run 2: Report of LEDBAT — Data Link

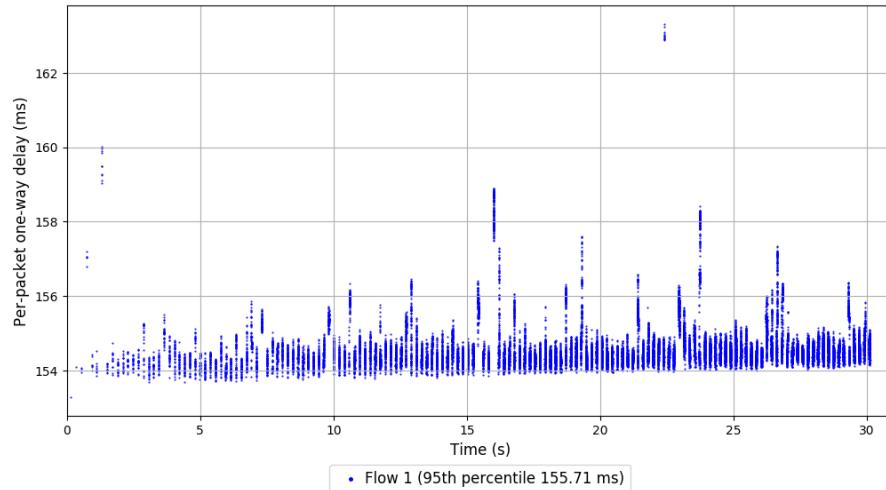
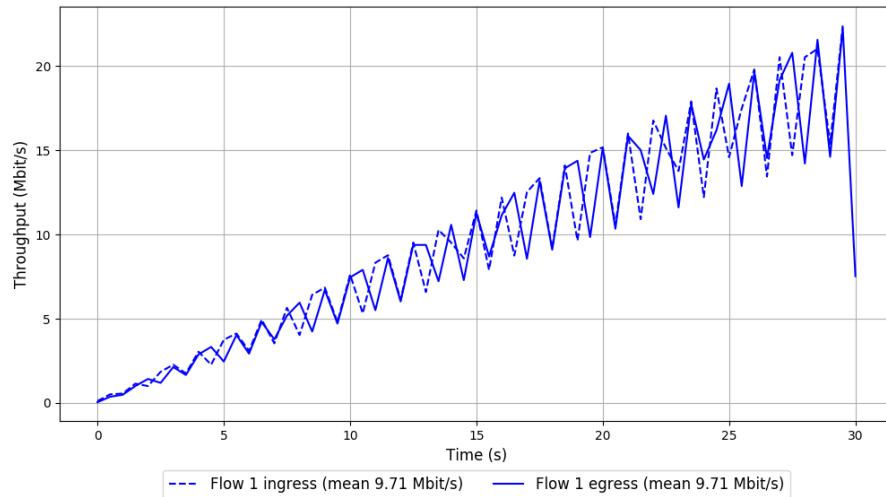


Run 3: Statistics of LEDBAT

```
Start at: 2018-04-10 14:17:02
End at: 2018-04-10 14:17:32
Local clock offset: 15.462 ms
Remote clock offset: 7.081 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.71 Mbit/s
95th percentile per-packet one-way delay: 155.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.71 Mbit/s
95th percentile per-packet one-way delay: 155.709 ms
Loss rate: 0.00%
```

### Run 3: Report of LEDBAT — Data Link

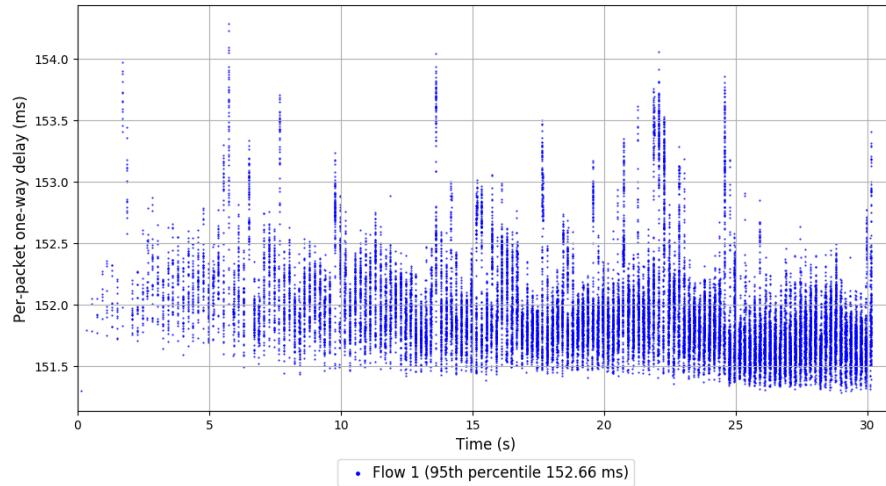
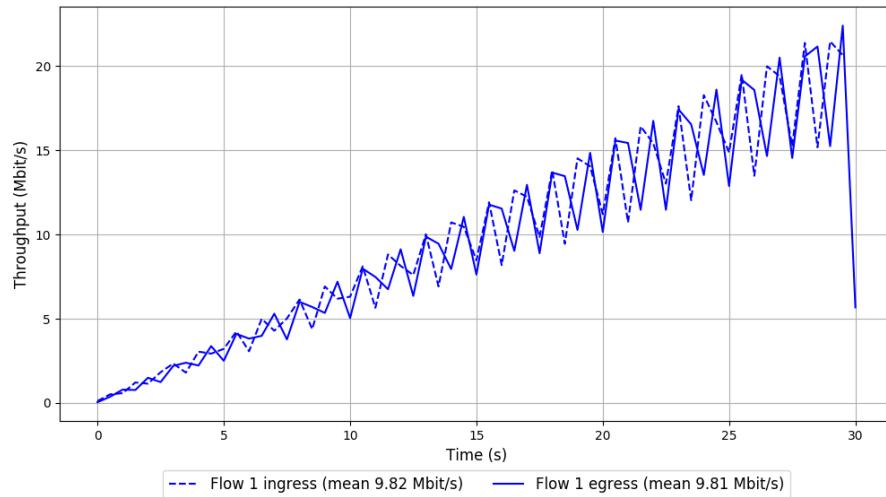


Run 4: Statistics of LEDBAT

```
Start at: 2018-04-10 14:41:33
End at: 2018-04-10 14:42:03
Local clock offset: 15.584 ms
Remote clock offset: -1.45 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.81 Mbit/s
95th percentile per-packet one-way delay: 152.656 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.81 Mbit/s
95th percentile per-packet one-way delay: 152.656 ms
Loss rate: 0.00%
```

## Run 4: Report of LEDBAT — Data Link

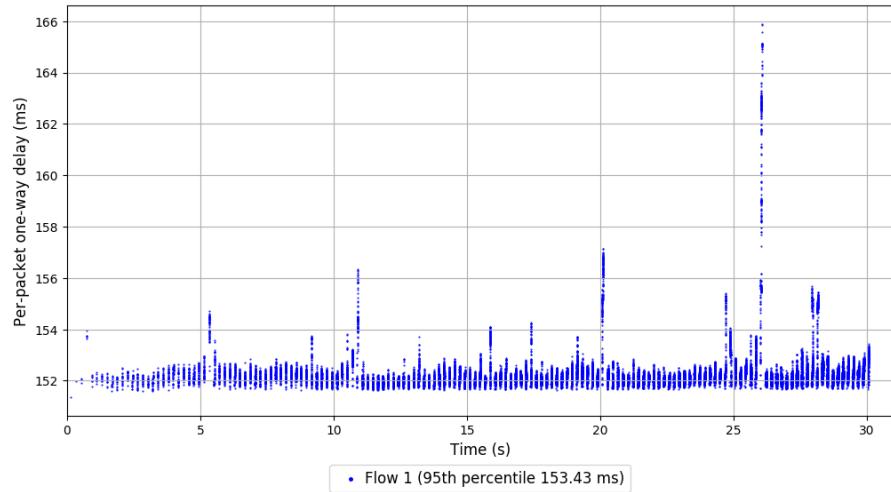
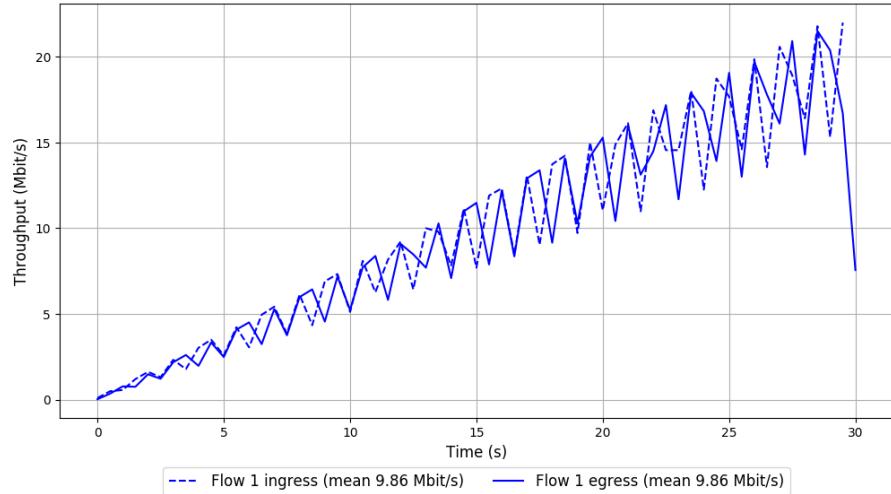


```
Run 5: Statistics of LEDBAT
```

```
Start at: 2018-04-10 15:05:15
End at: 2018-04-10 15:05:45
Local clock offset: 25.957 ms
Remote clock offset: 2.088 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.86 Mbit/s
95th percentile per-packet one-way delay: 153.432 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.86 Mbit/s
95th percentile per-packet one-way delay: 153.432 ms
Loss rate: 0.00%
```

## Run 5: Report of LEDBAT — Data Link

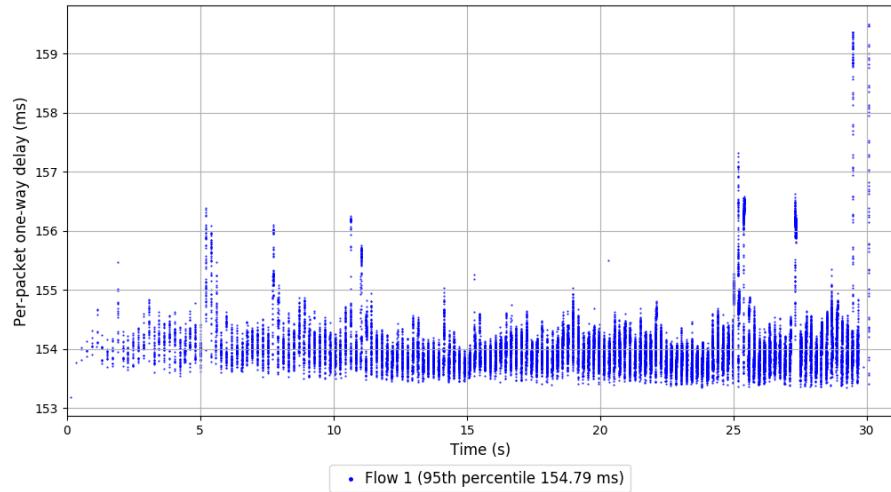
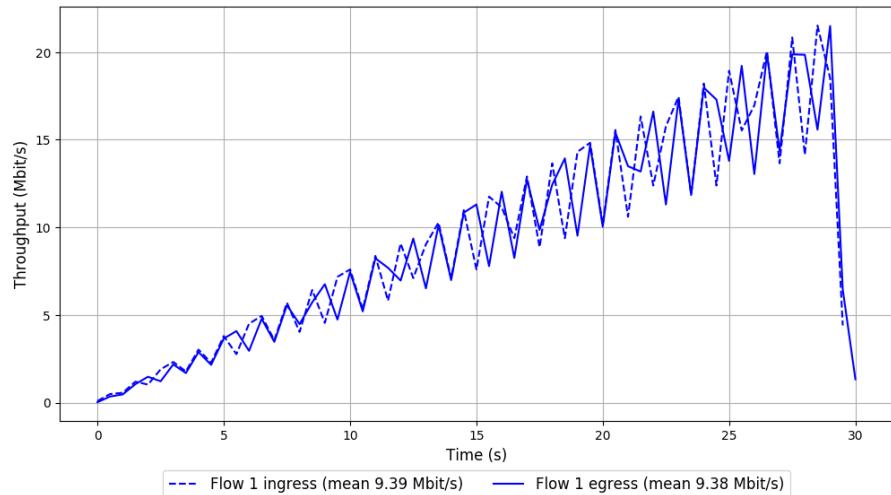


Run 6: Statistics of LEDBAT

```
Start at: 2018-04-10 15:30:01
End at: 2018-04-10 15:30:31
Local clock offset: 20.88 ms
Remote clock offset: 2.029 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 154.795 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 154.795 ms
Loss rate: 0.15%
```

Run 6: Report of LEDBAT — Data Link

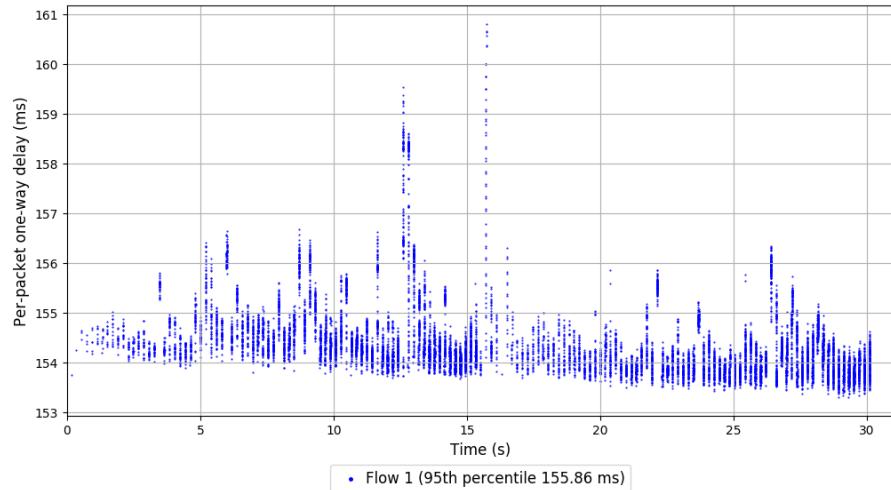
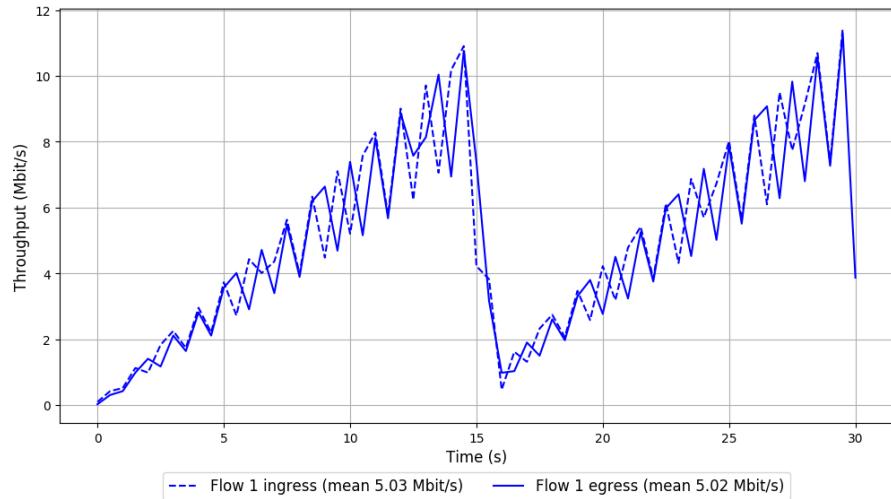


Run 7: Statistics of LEDBAT

```
Start at: 2018-04-10 15:52:42
End at: 2018-04-10 15:53:12
Local clock offset: 15.385 ms
Remote clock offset: 9.601 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.02 Mbit/s
95th percentile per-packet one-way delay: 155.859 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 5.02 Mbit/s
95th percentile per-packet one-way delay: 155.859 ms
Loss rate: 0.22%
```

### Run 7: Report of LEDBAT — Data Link

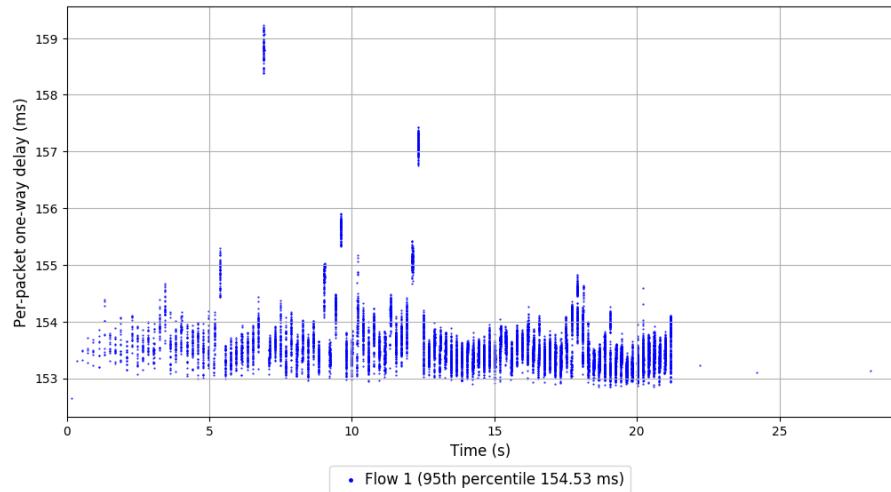
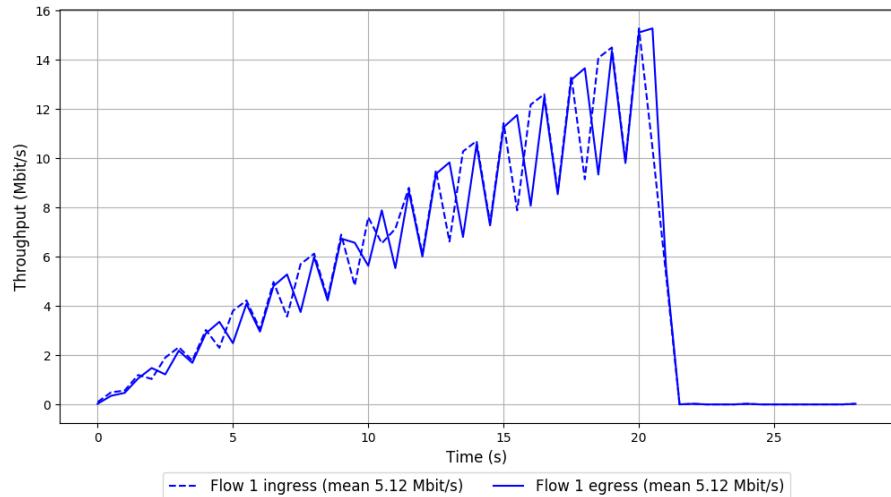


Run 8: Statistics of LEDBAT

```
Start at: 2018-04-10 16:15:17
End at: 2018-04-10 16:15:47
Local clock offset: 18.069 ms
Remote clock offset: 24.138 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 154.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 154.533 ms
Loss rate: 0.00%
```

### Run 8: Report of LEDBAT — Data Link

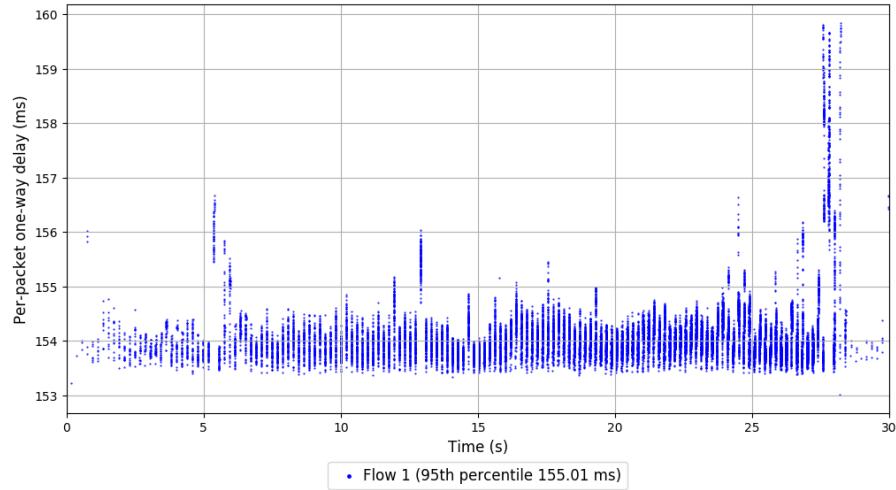
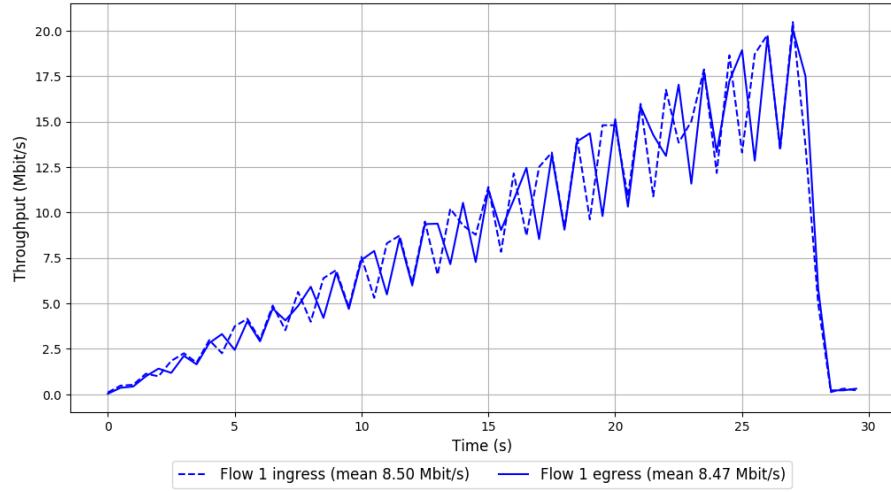


Run 9: Statistics of LEDBAT

```
Start at: 2018-04-10 16:39:06
End at: 2018-04-10 16:39:36
Local clock offset: 12.018 ms
Remote clock offset: 6.442 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.47 Mbit/s
95th percentile per-packet one-way delay: 155.014 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 8.47 Mbit/s
95th percentile per-packet one-way delay: 155.014 ms
Loss rate: 0.42%
```

### Run 9: Report of LEDBAT — Data Link

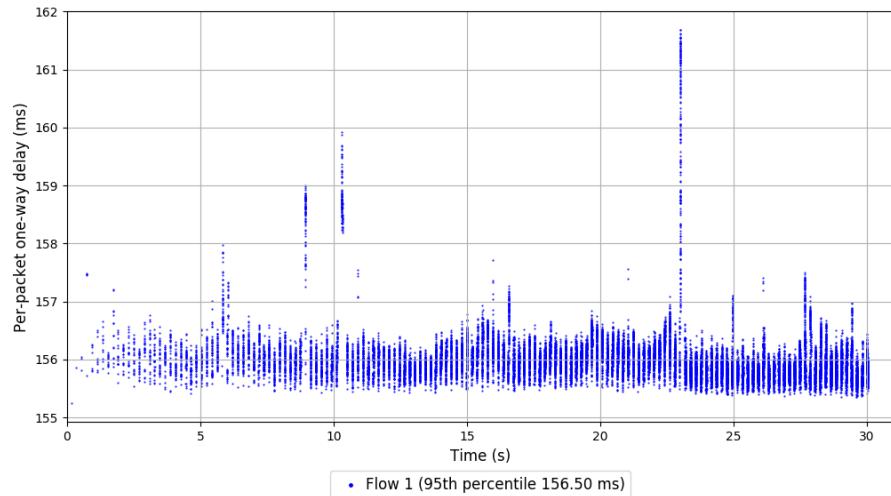
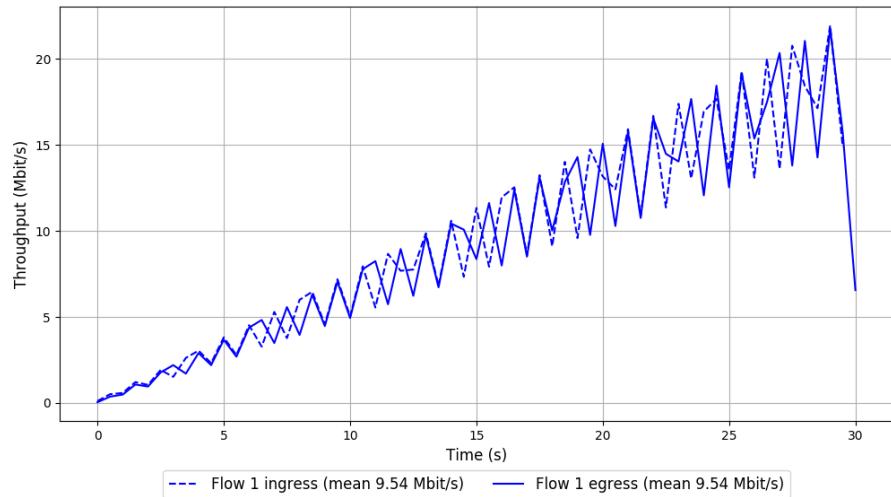


```
Run 10: Statistics of LEDBAT
```

```
Start at: 2018-04-10 17:02:02
End at: 2018-04-10 17:02:32
Local clock offset: 6.681 ms
Remote clock offset: 1.597 ms

# Below is generated by plot.py at 2018-04-10 17:35:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.54 Mbit/s
95th percentile per-packet one-way delay: 156.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.54 Mbit/s
95th percentile per-packet one-way delay: 156.502 ms
Loss rate: 0.00%
```

Run 10: Report of LEDBAT — Data Link

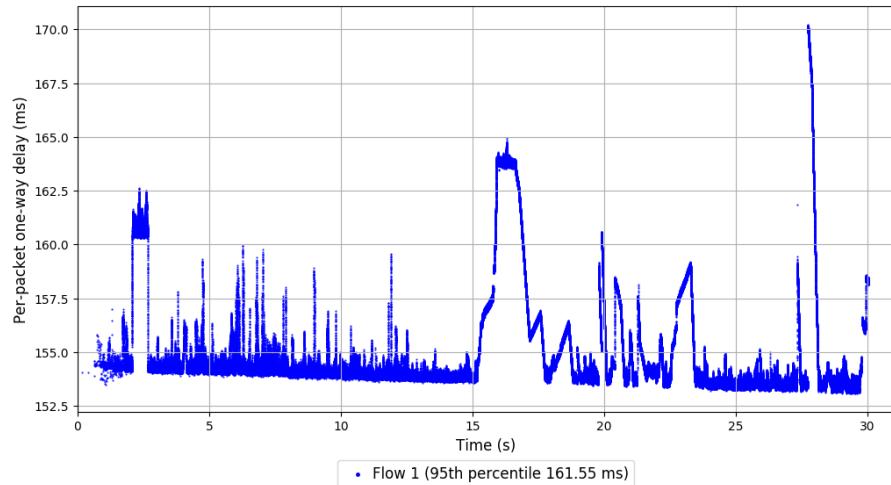
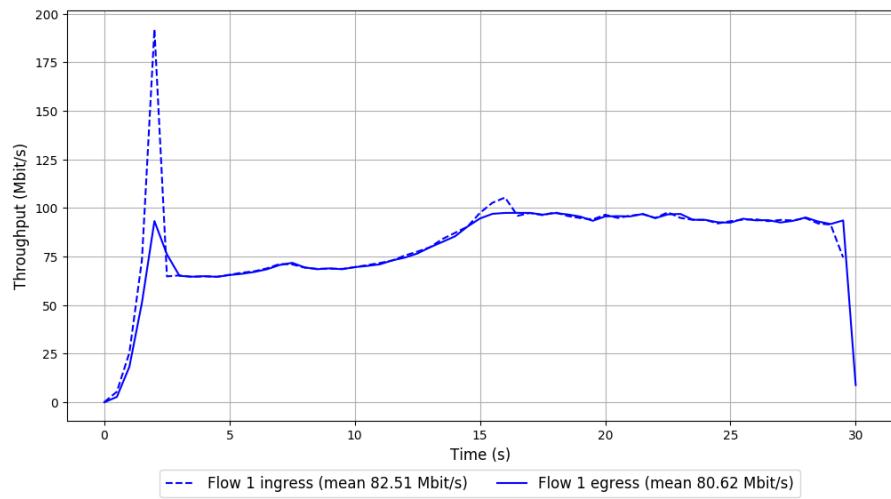


Run 1: Statistics of PCC

```
Start at: 2018-04-10 13:32:55
End at: 2018-04-10 13:33:25
Local clock offset: 15.404 ms
Remote clock offset: 2.983 ms

# Below is generated by plot.py at 2018-04-10 17:36:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.62 Mbit/s
95th percentile per-packet one-way delay: 161.554 ms
Loss rate: 2.28%
-- Flow 1:
Average throughput: 80.62 Mbit/s
95th percentile per-packet one-way delay: 161.554 ms
Loss rate: 2.28%
```

### Run 1: Report of PCC — Data Link

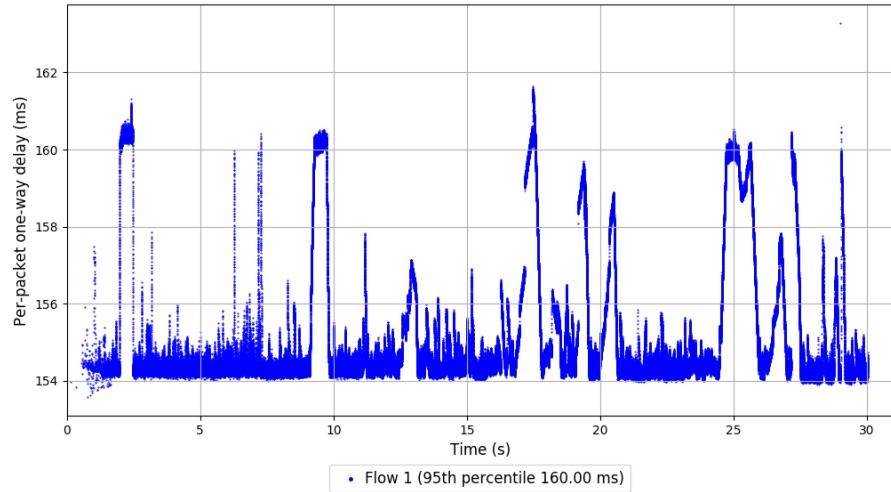
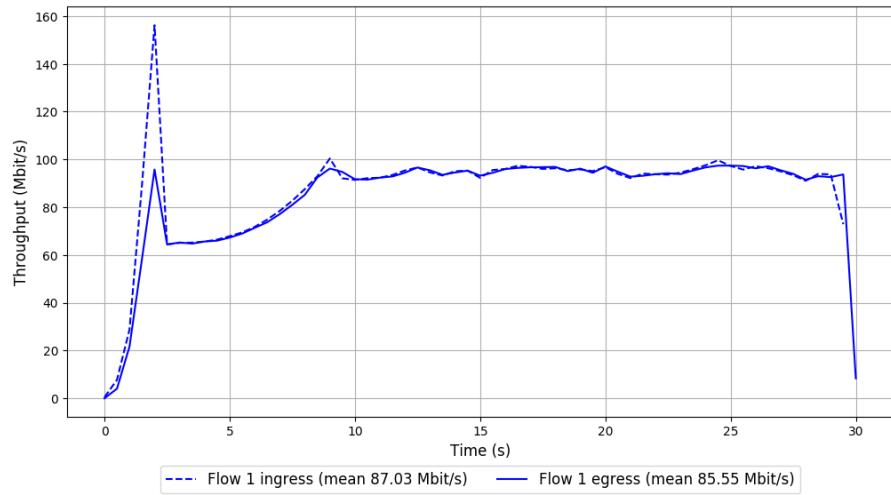


Run 2: Statistics of PCC

```
Start at: 2018-04-10 13:57:07
End at: 2018-04-10 13:57:37
Local clock offset: 15.995 ms
Remote clock offset: 25.803 ms

# Below is generated by plot.py at 2018-04-10 17:36:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.55 Mbit/s
95th percentile per-packet one-way delay: 160.000 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 85.55 Mbit/s
95th percentile per-packet one-way delay: 160.000 ms
Loss rate: 1.70%
```

## Run 2: Report of PCC — Data Link

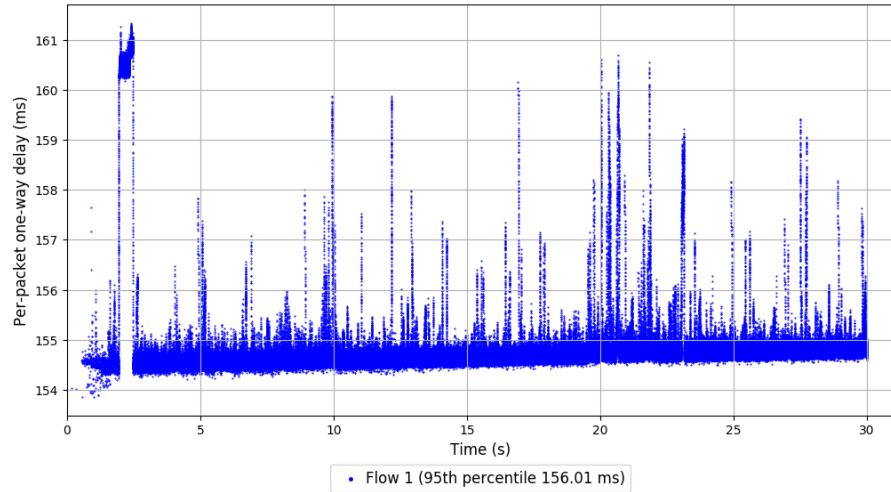
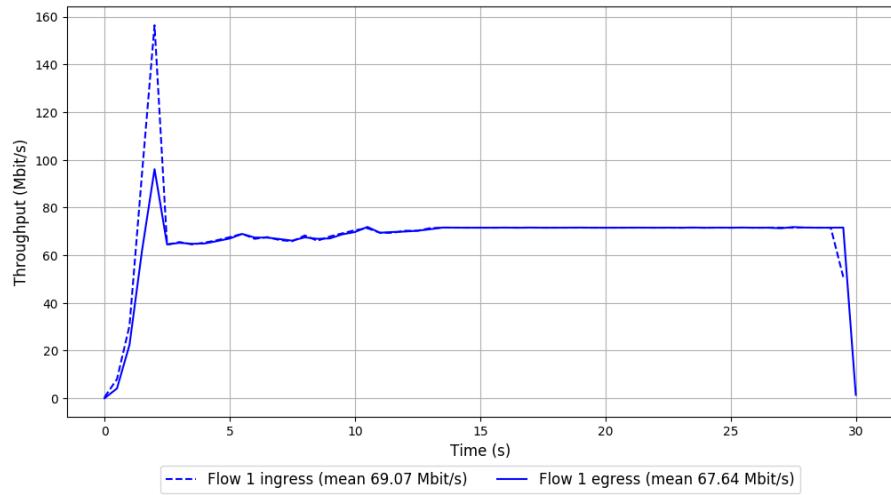


Run 3: Statistics of PCC

```
Start at: 2018-04-10 14:20:58
End at: 2018-04-10 14:21:28
Local clock offset: 15.805 ms
Remote clock offset: 3.681 ms

# Below is generated by plot.py at 2018-04-10 17:36:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.64 Mbit/s
95th percentile per-packet one-way delay: 156.011 ms
Loss rate: 2.07%
-- Flow 1:
Average throughput: 67.64 Mbit/s
95th percentile per-packet one-way delay: 156.011 ms
Loss rate: 2.07%
```

### Run 3: Report of PCC — Data Link

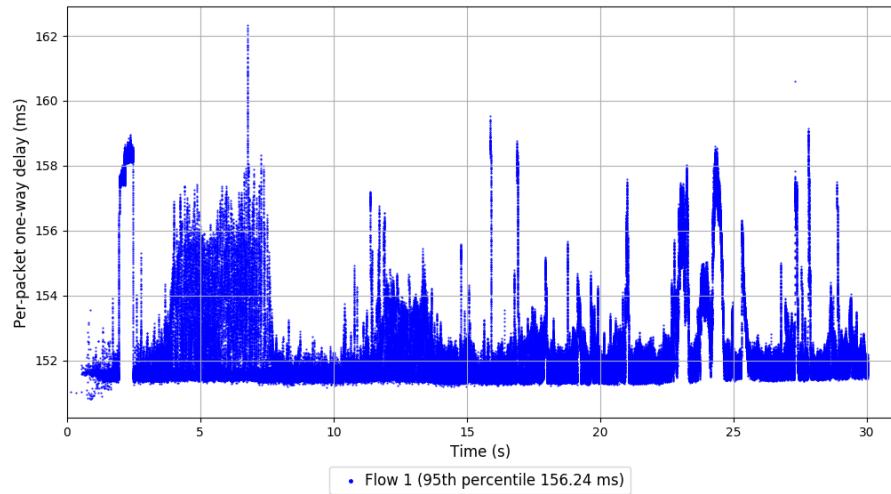
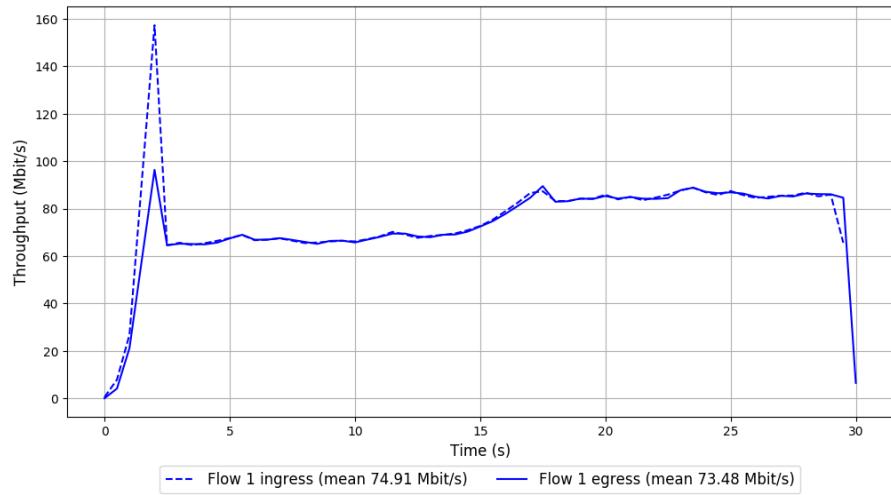


Run 4: Statistics of PCC

```
Start at: 2018-04-10 14:45:28
End at: 2018-04-10 14:45:58
Local clock offset: 15.282 ms
Remote clock offset: -0.116 ms

# Below is generated by plot.py at 2018-04-10 17:36:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.48 Mbit/s
95th percentile per-packet one-way delay: 156.239 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 73.48 Mbit/s
95th percentile per-packet one-way delay: 156.239 ms
Loss rate: 1.91%
```

## Run 4: Report of PCC — Data Link

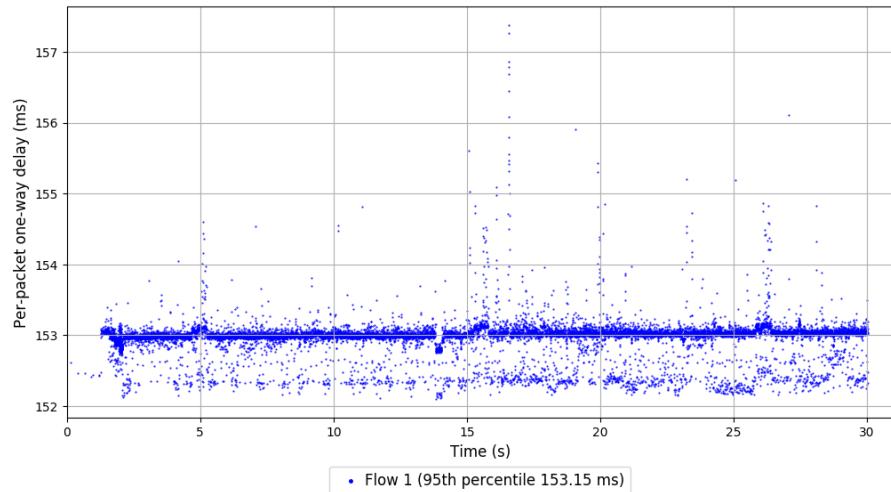
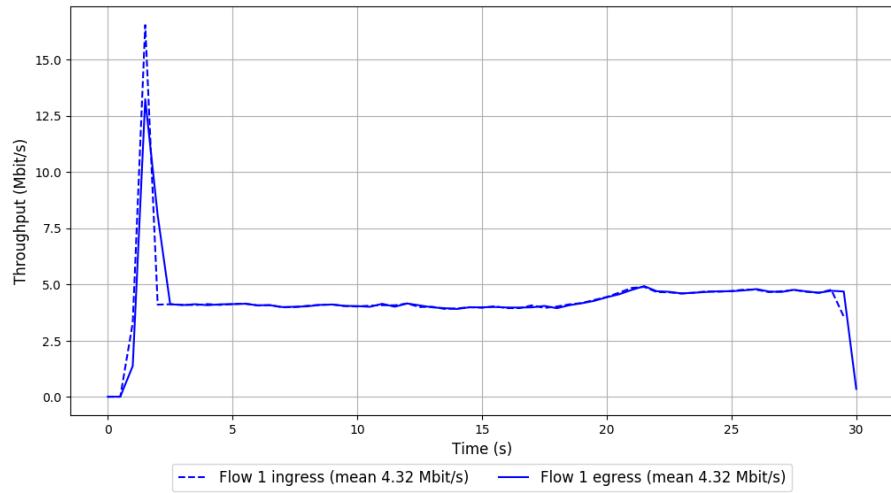


Run 5: Statistics of PCC

```
Start at: 2018-04-10 15:08:59
End at: 2018-04-10 15:09:29
Local clock offset: 26.319 ms
Remote clock offset: 2.16 ms

# Below is generated by plot.py at 2018-04-10 17:36:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 153.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 153.154 ms
Loss rate: 0.00%
```

### Run 5: Report of PCC — Data Link

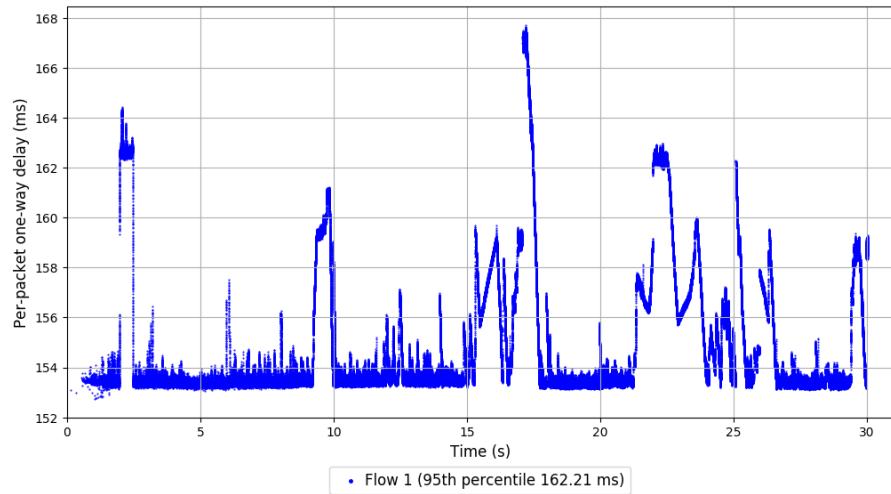
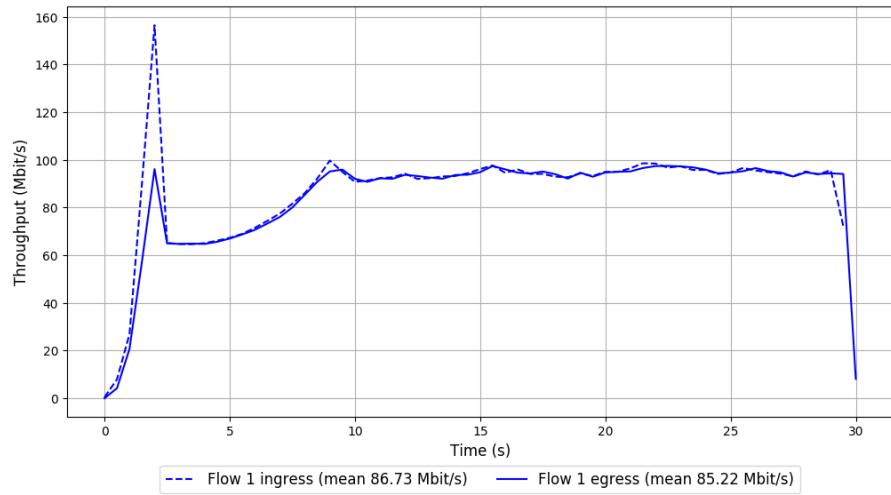


Run 6: Statistics of PCC

```
Start at: 2018-04-10 15:33:44
End at: 2018-04-10 15:34:15
Local clock offset: 19.415 ms
Remote clock offset: 2.016 ms

# Below is generated by plot.py at 2018-04-10 17:36:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.22 Mbit/s
95th percentile per-packet one-way delay: 162.205 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 85.22 Mbit/s
95th percentile per-packet one-way delay: 162.205 ms
Loss rate: 1.72%
```

### Run 6: Report of PCC — Data Link

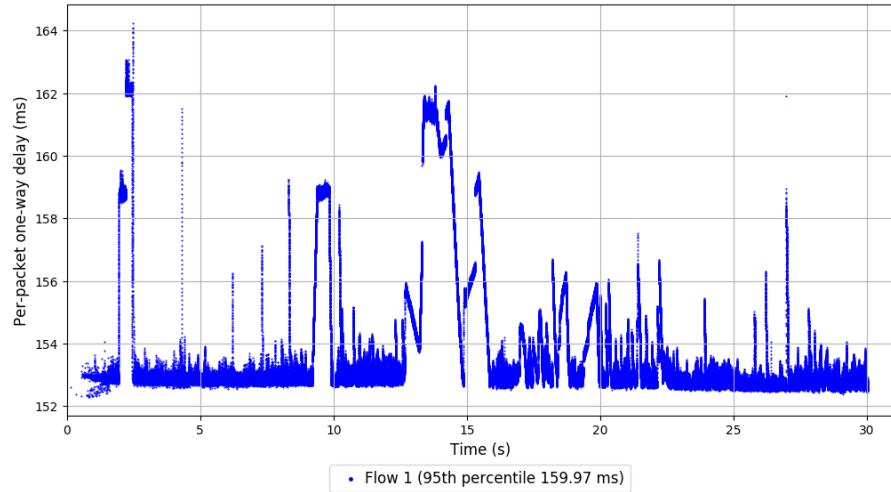
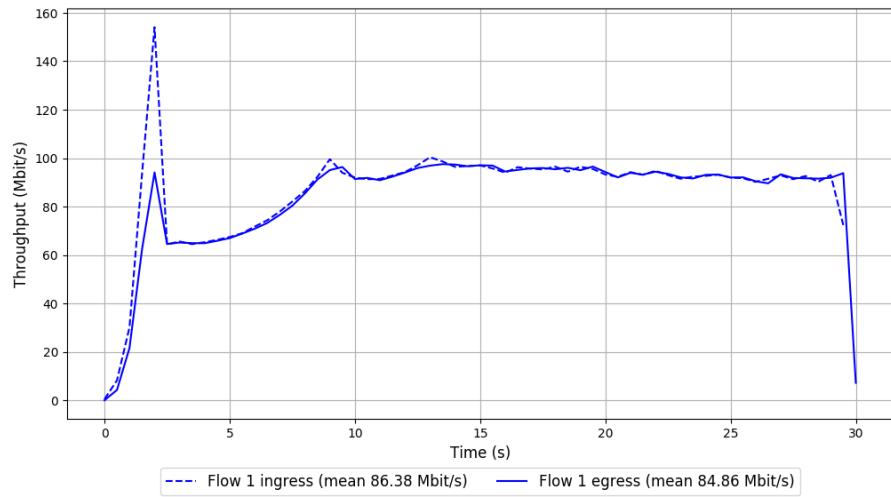


Run 7: Statistics of PCC

```
Start at: 2018-04-10 15:56:24
End at: 2018-04-10 15:56:54
Local clock offset: 15.911 ms
Remote clock offset: 13.454 ms

# Below is generated by plot.py at 2018-04-10 17:36:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.86 Mbit/s
95th percentile per-packet one-way delay: 159.970 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 84.86 Mbit/s
95th percentile per-packet one-way delay: 159.970 ms
Loss rate: 1.76%
```

### Run 7: Report of PCC — Data Link

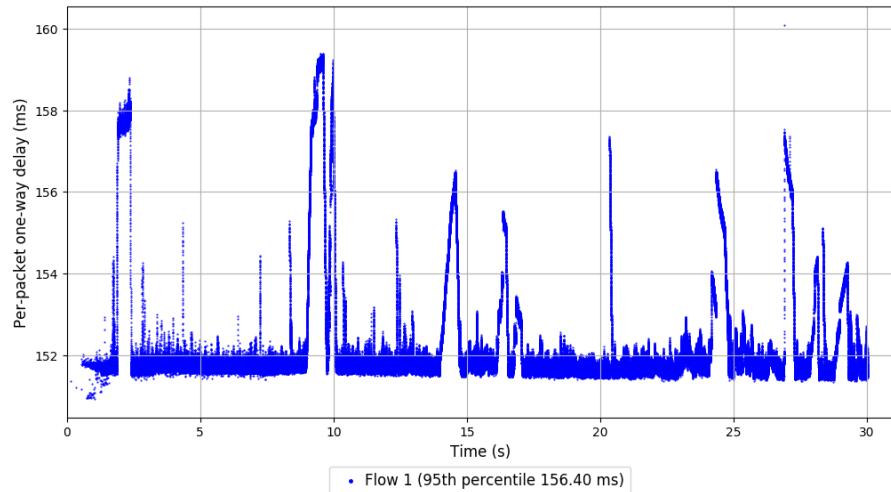
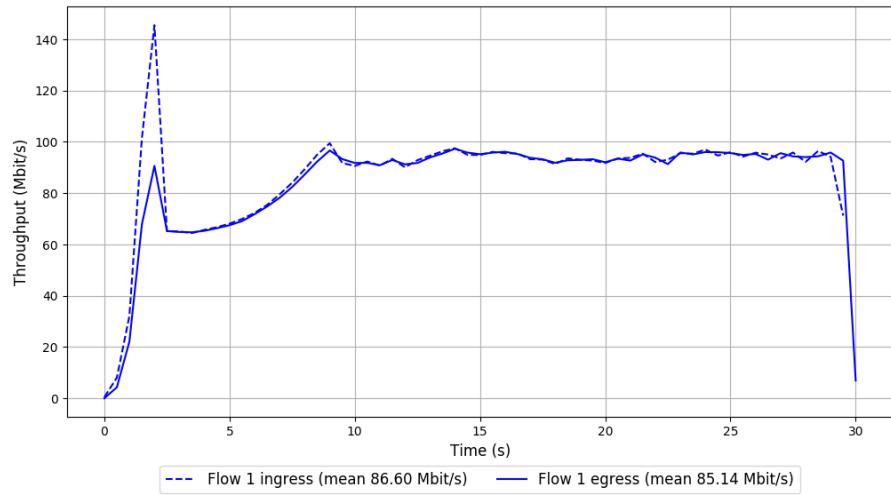


Run 8: Statistics of PCC

```
Start at: 2018-04-10 16:19:54
End at: 2018-04-10 16:20:24
Local clock offset: 18.005 ms
Remote clock offset: 25.824 ms

# Below is generated by plot.py at 2018-04-10 17:37:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.14 Mbit/s
95th percentile per-packet one-way delay: 156.398 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 85.14 Mbit/s
95th percentile per-packet one-way delay: 156.398 ms
Loss rate: 1.68%
```

### Run 8: Report of PCC — Data Link

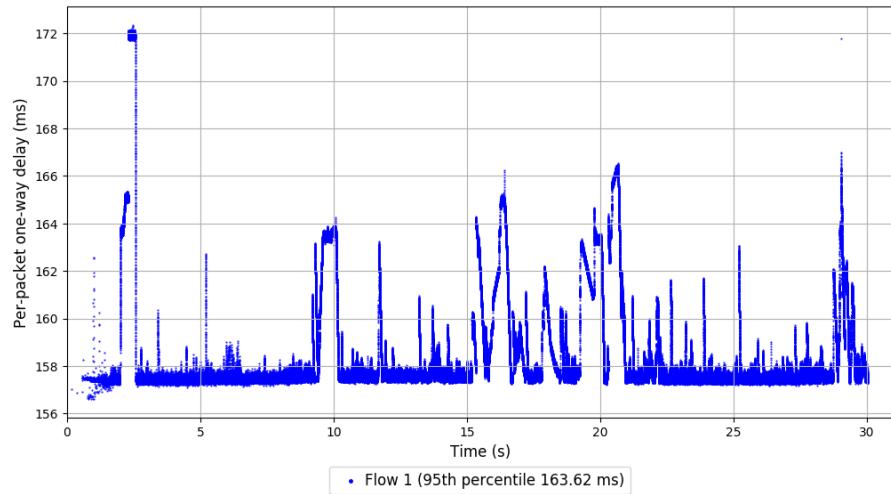
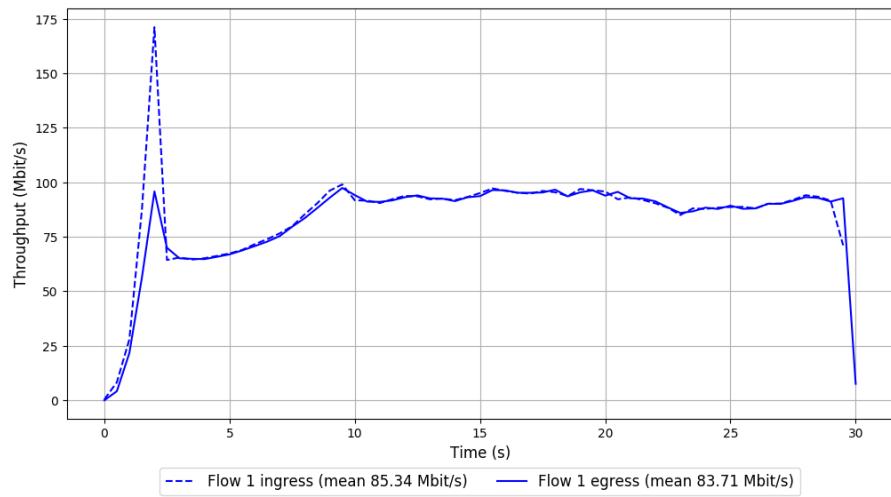


Run 9: Statistics of PCC

```
Start at: 2018-04-10 16:42:49
End at: 2018-04-10 16:43:19
Local clock offset: 10.666 ms
Remote clock offset: 5.181 ms

# Below is generated by plot.py at 2018-04-10 17:37:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 163.618 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 163.618 ms
Loss rate: 1.92%
```

### Run 9: Report of PCC — Data Link

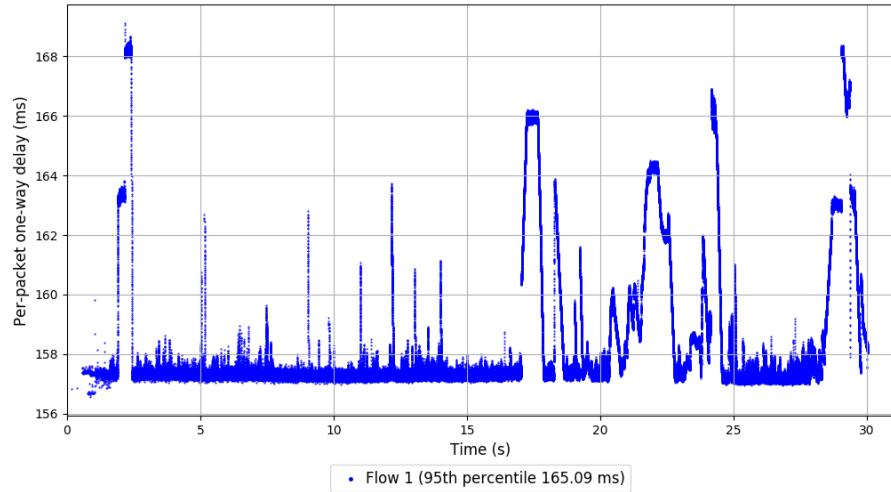
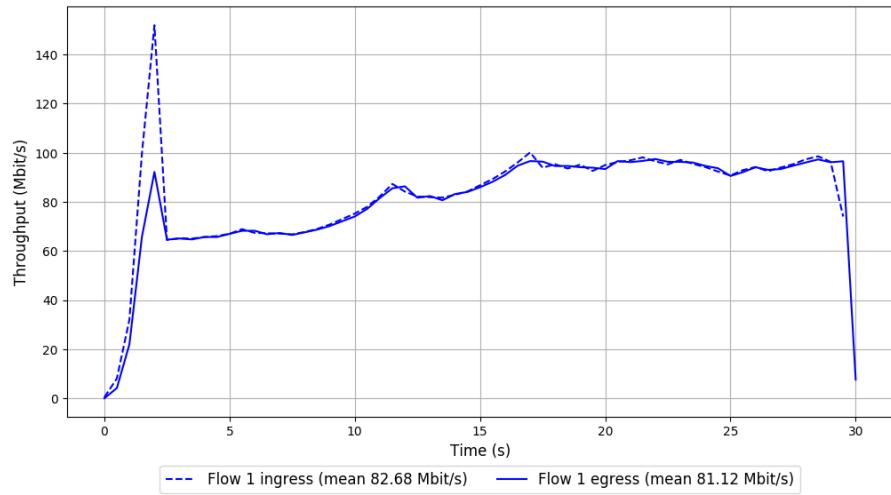


Run 10: Statistics of PCC

```
Start at: 2018-04-10 17:05:45
End at: 2018-04-10 17:06:15
Local clock offset: 4.565 ms
Remote clock offset: 0.824 ms

# Below is generated by plot.py at 2018-04-10 17:38:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.12 Mbit/s
95th percentile per-packet one-way delay: 165.092 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 81.12 Mbit/s
95th percentile per-packet one-way delay: 165.092 ms
Loss rate: 1.89%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

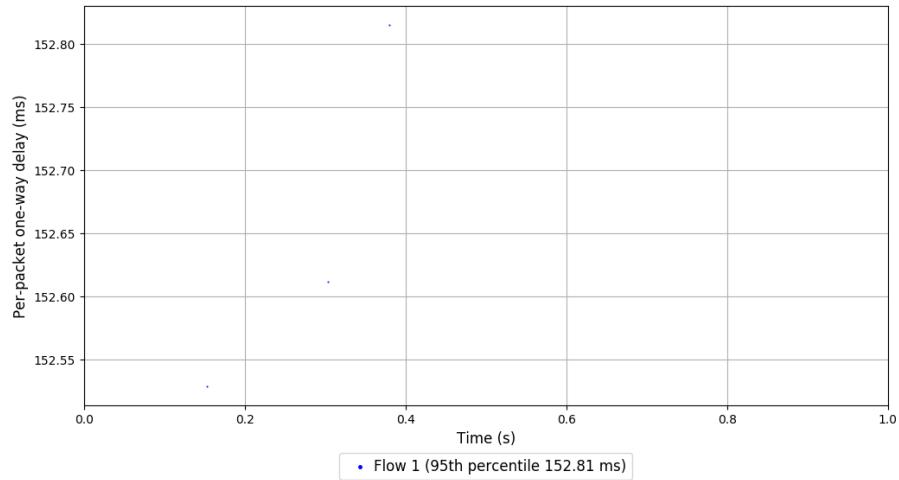
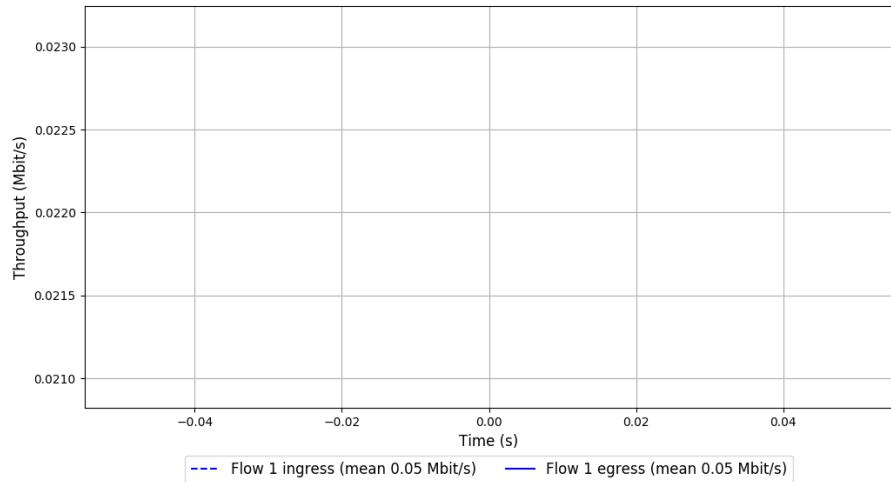
Start at: 2018-04-10 13:26:16

End at: 2018-04-10 13:26:46

Local clock offset: 16.547 ms

Remote clock offset: 0.35 ms

## Run 1: Report of QUIC Cubic — Data Link

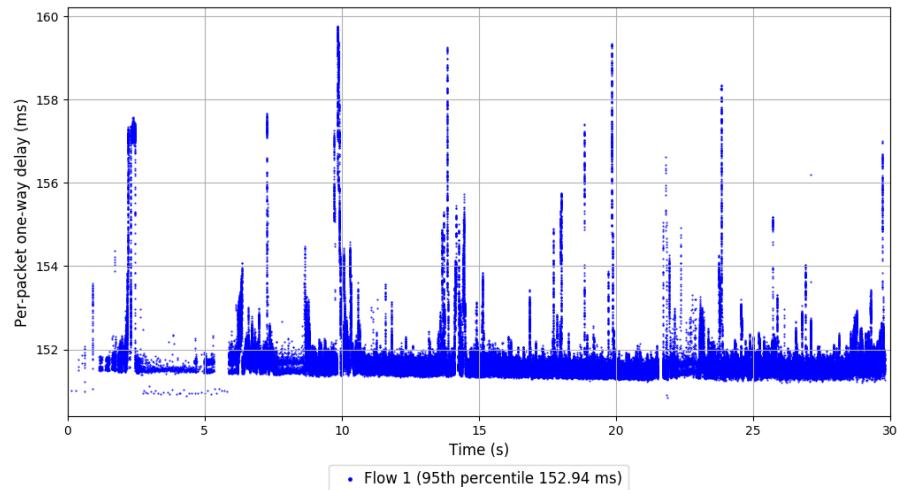
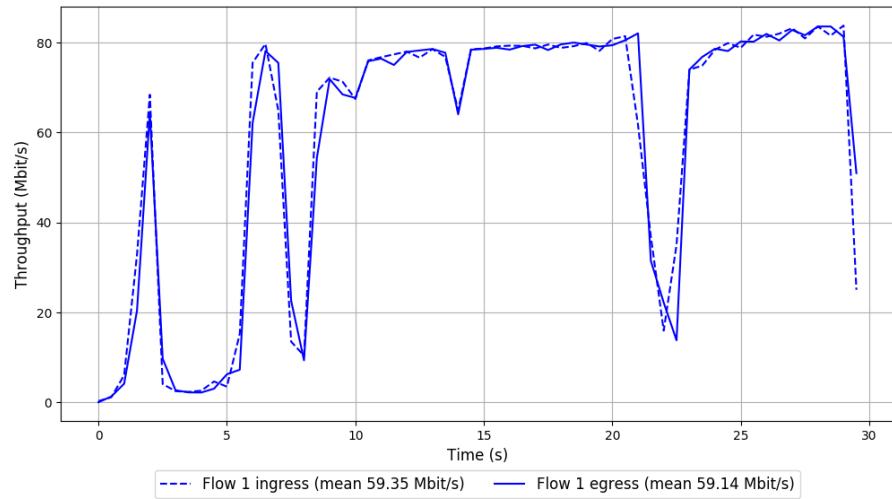


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-04-10 13:50:24
End at: 2018-04-10 13:50:55
Local clock offset: 16.105 ms
Remote clock offset: 22.546 ms

# Below is generated by plot.py at 2018-04-10 17:38:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.14 Mbit/s
95th percentile per-packet one-way delay: 152.938 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 59.14 Mbit/s
95th percentile per-packet one-way delay: 152.938 ms
Loss rate: 0.34%
```

## Run 2: Report of QUIC Cubic — Data Link

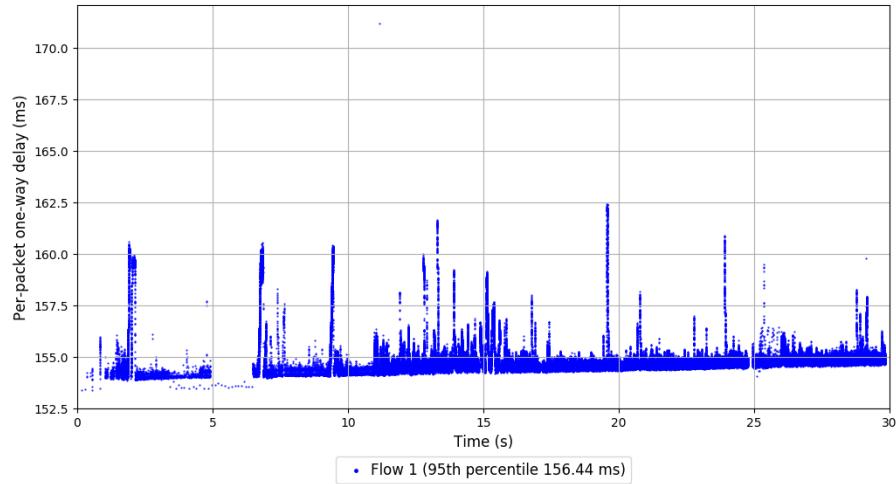
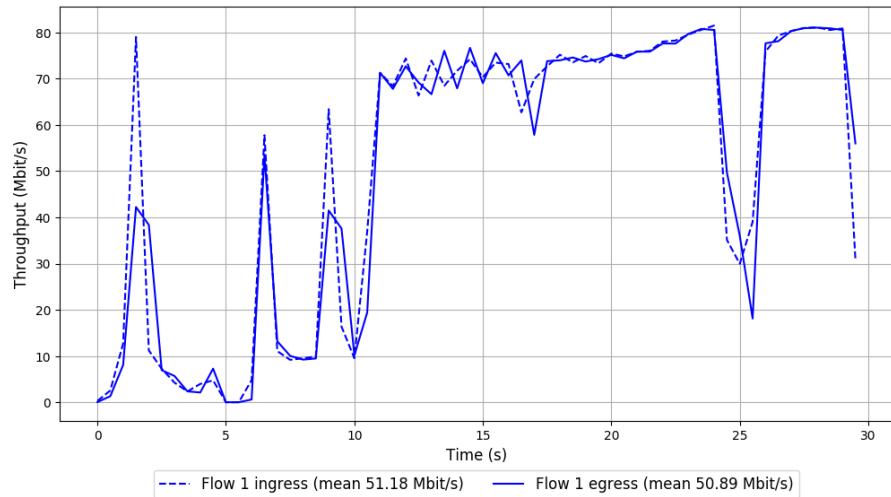


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-04-10 14:14:21
End at: 2018-04-10 14:14:51
Local clock offset: 15.128 ms
Remote clock offset: 9.909 ms

# Below is generated by plot.py at 2018-04-10 17:38:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.89 Mbit/s
95th percentile per-packet one-way delay: 156.439 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 50.89 Mbit/s
95th percentile per-packet one-way delay: 156.439 ms
Loss rate: 0.57%
```

### Run 3: Report of QUIC Cubic — Data Link

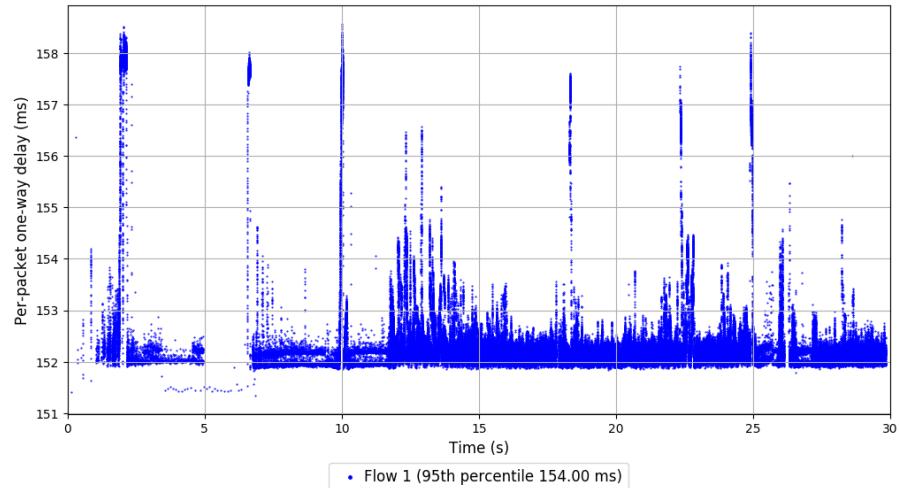
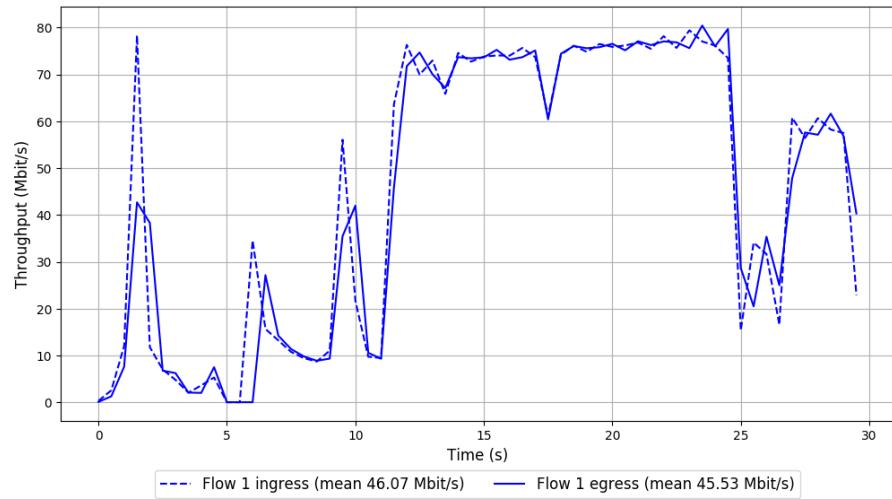


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-04-10 14:38:52
End at: 2018-04-10 14:39:22
Local clock offset: 15.564 ms
Remote clock offset: -2.128 ms

# Below is generated by plot.py at 2018-04-10 17:38:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 153.998 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 153.998 ms
Loss rate: 1.18%
```

## Run 4: Report of QUIC Cubic — Data Link

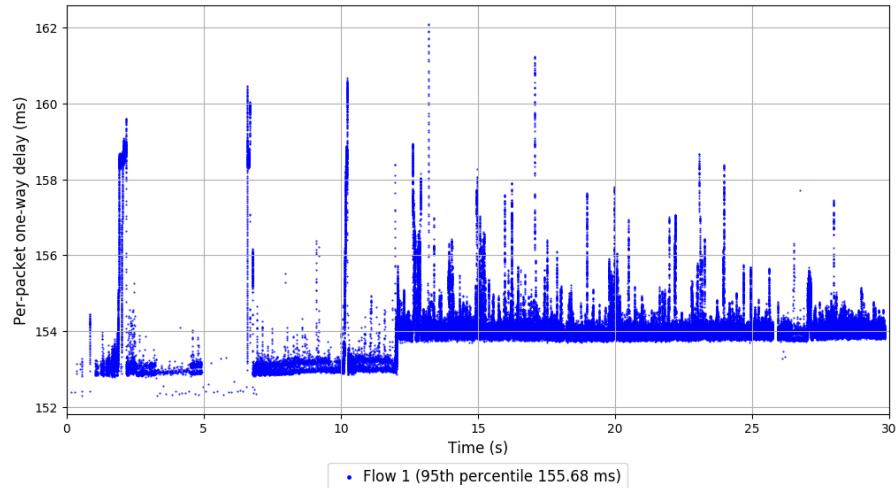
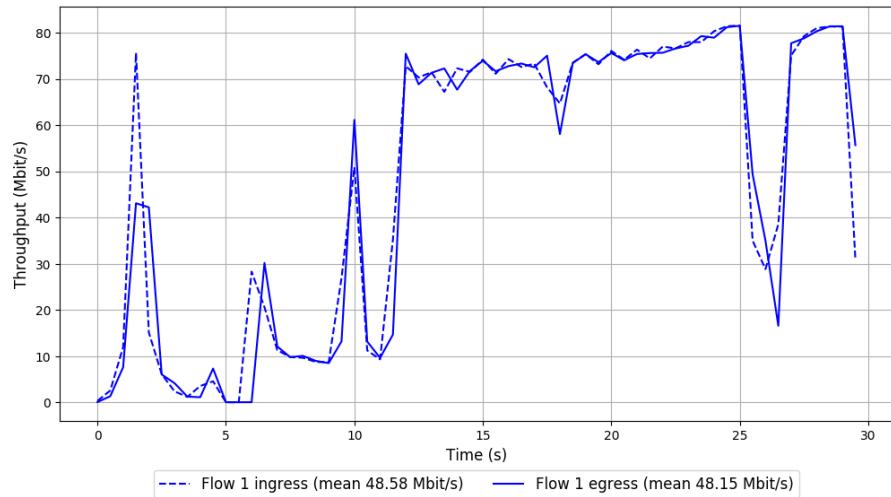


```
Run 5: Statistics of QUIC Cubic
```

```
Start at: 2018-04-10 15:02:42
End at: 2018-04-10 15:03:12
Local clock offset: 25.023 ms
Remote clock offset: 2.007 ms

# Below is generated by plot.py at 2018-04-10 17:38:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.15 Mbit/s
95th percentile per-packet one-way delay: 155.679 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 48.15 Mbit/s
95th percentile per-packet one-way delay: 155.679 ms
Loss rate: 0.88%
```

## Run 5: Report of QUIC Cubic — Data Link

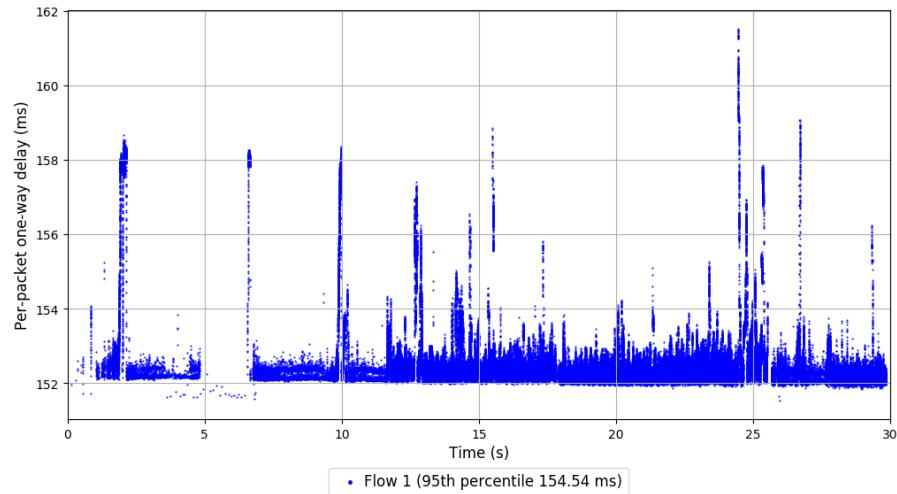
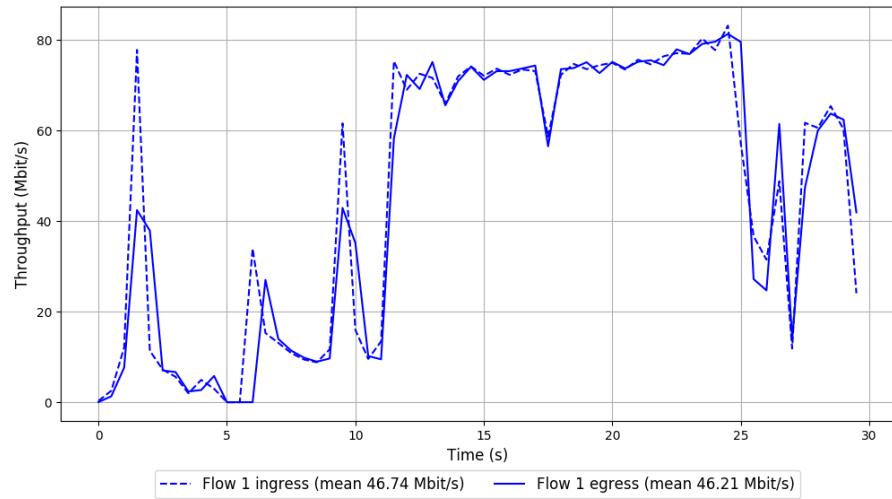


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-04-10 15:27:29
End at: 2018-04-10 15:27:59
Local clock offset: 22.094 ms
Remote clock offset: 1.987 ms

# Below is generated by plot.py at 2018-04-10 17:38:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.21 Mbit/s
95th percentile per-packet one-way delay: 154.542 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 46.21 Mbit/s
95th percentile per-packet one-way delay: 154.542 ms
Loss rate: 1.13%
```

## Run 6: Report of QUIC Cubic — Data Link

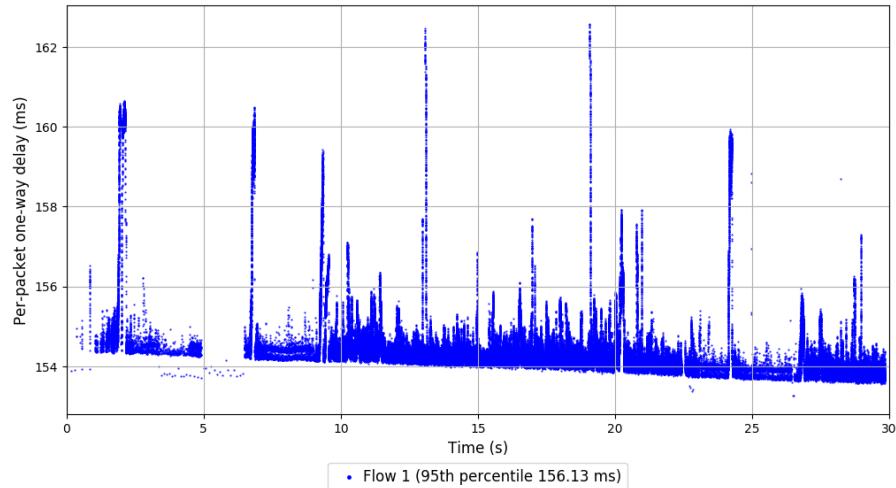
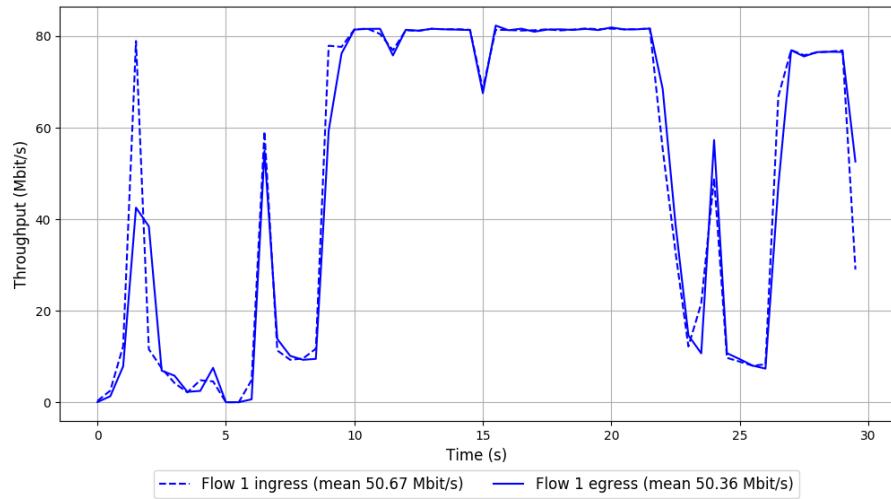


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-04-10 15:50:09
End at: 2018-04-10 15:50:39
Local clock offset: 16.054 ms
Remote clock offset: 5.675 ms

# Below is generated by plot.py at 2018-04-10 17:38:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.36 Mbit/s
95th percentile per-packet one-way delay: 156.135 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 50.36 Mbit/s
95th percentile per-packet one-way delay: 156.135 ms
Loss rate: 0.60%
```

## Run 7: Report of QUIC Cubic — Data Link

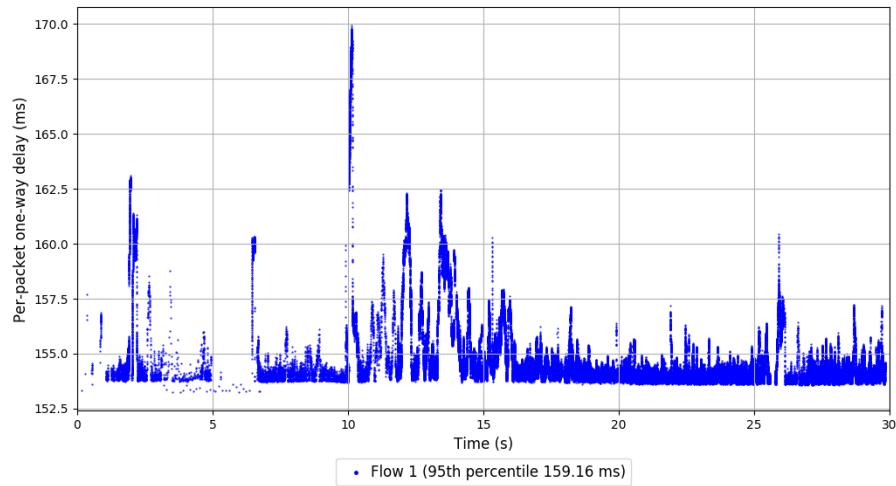
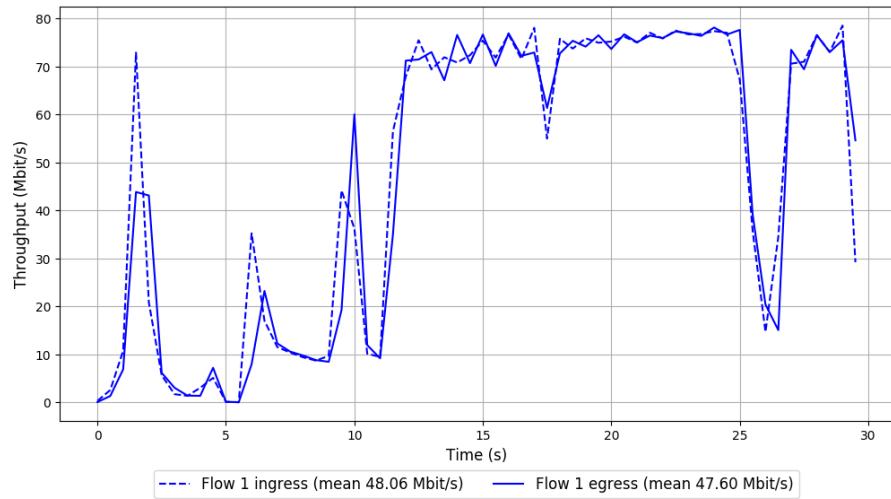


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-04-10 16:12:44
End at: 2018-04-10 16:13:14
Local clock offset: 18.023 ms
Remote clock offset: 23.107 ms

# Below is generated by plot.py at 2018-04-10 17:38:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.60 Mbit/s
95th percentile per-packet one-way delay: 159.158 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 47.60 Mbit/s
95th percentile per-packet one-way delay: 159.158 ms
Loss rate: 0.96%
```

## Run 8: Report of QUIC Cubic — Data Link

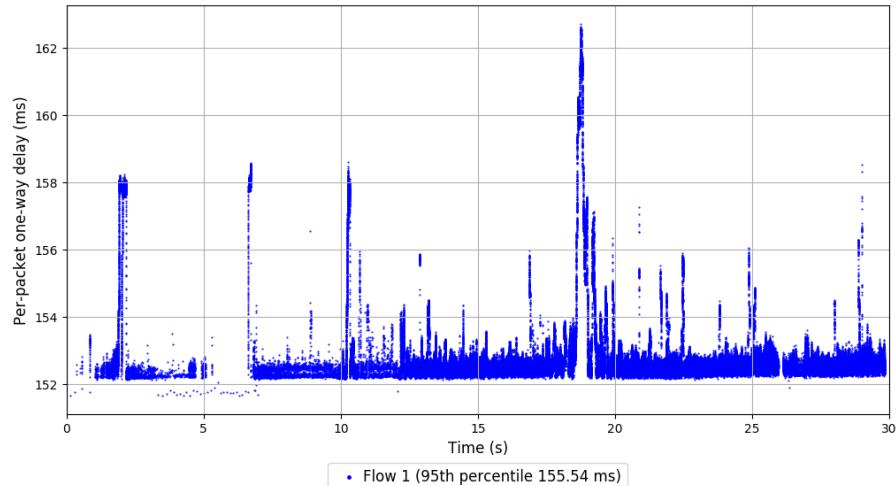
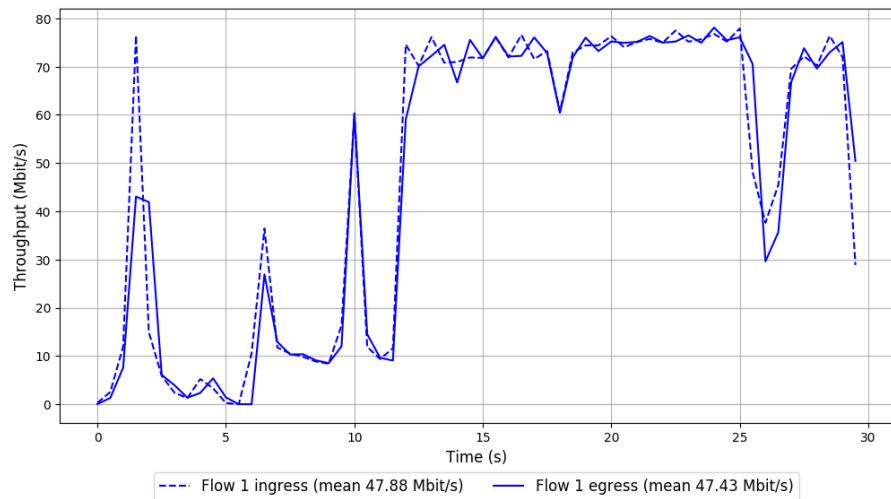


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-04-10 16:36:33
End at: 2018-04-10 16:37:03
Local clock offset: 12.881 ms
Remote clock offset: 7.492 ms

# Below is generated by plot.py at 2018-04-10 17:38:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.43 Mbit/s
95th percentile per-packet one-way delay: 155.541 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 47.43 Mbit/s
95th percentile per-packet one-way delay: 155.541 ms
Loss rate: 0.95%
```

Run 9: Report of QUIC Cubic — Data Link

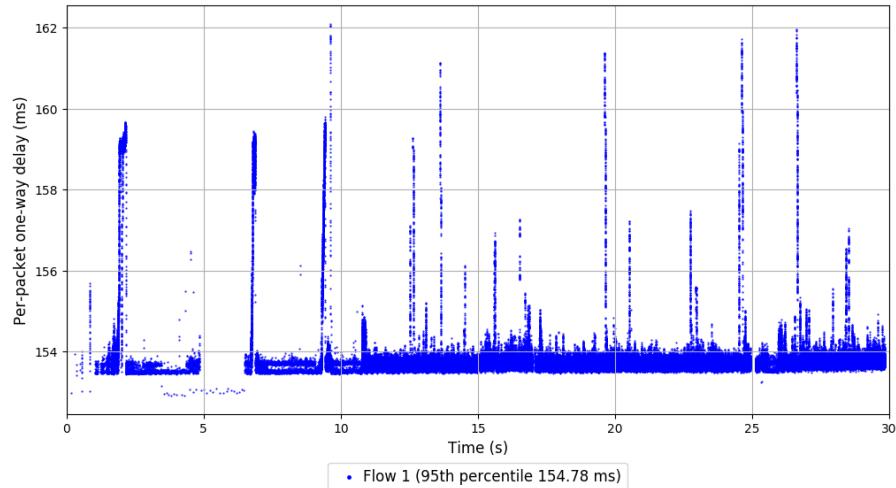
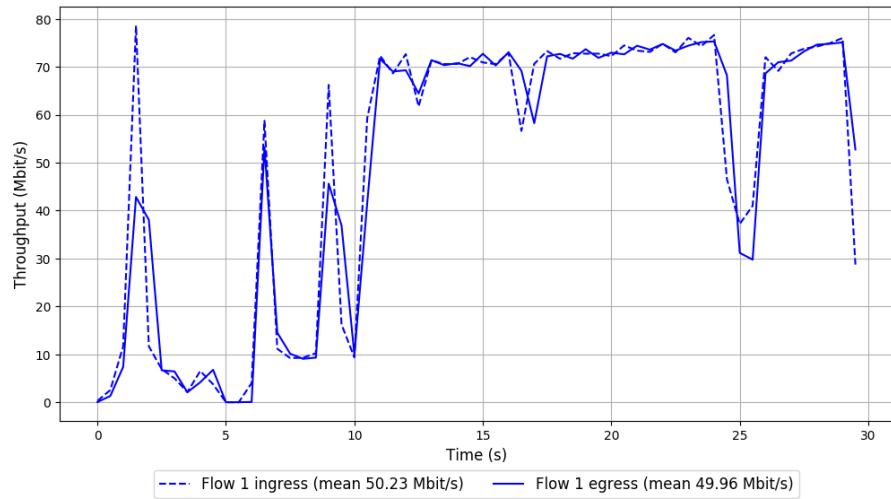


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-04-10 16:59:30
End at: 2018-04-10 17:00:00
Local clock offset: 7.063 ms
Remote clock offset: 2.13 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 154.785 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 154.785 ms
Loss rate: 0.54%
```

## Run 10: Report of QUIC Cubic — Data Link

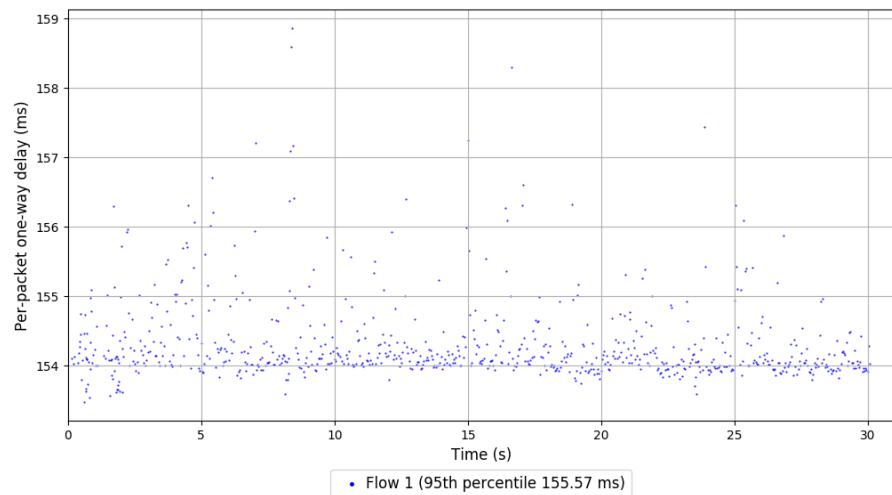
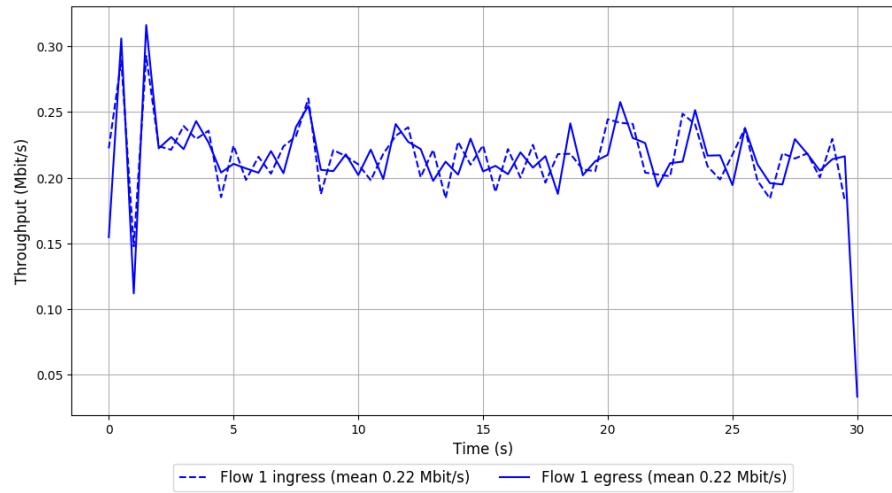


Run 1: Statistics of SCReAM

```
Start at: 2018-04-10 13:23:36
End at: 2018-04-10 13:24:06
Local clock offset: 17.361 ms
Remote clock offset: 0.896 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 155.572 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 155.572 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

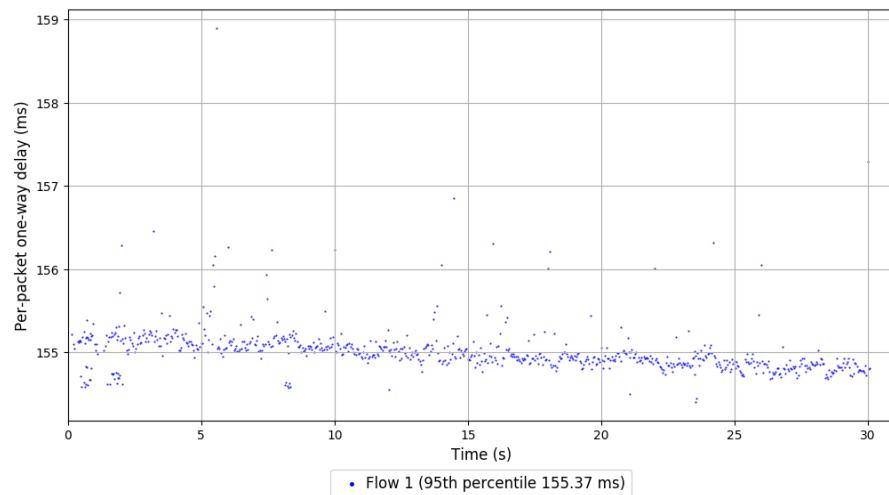
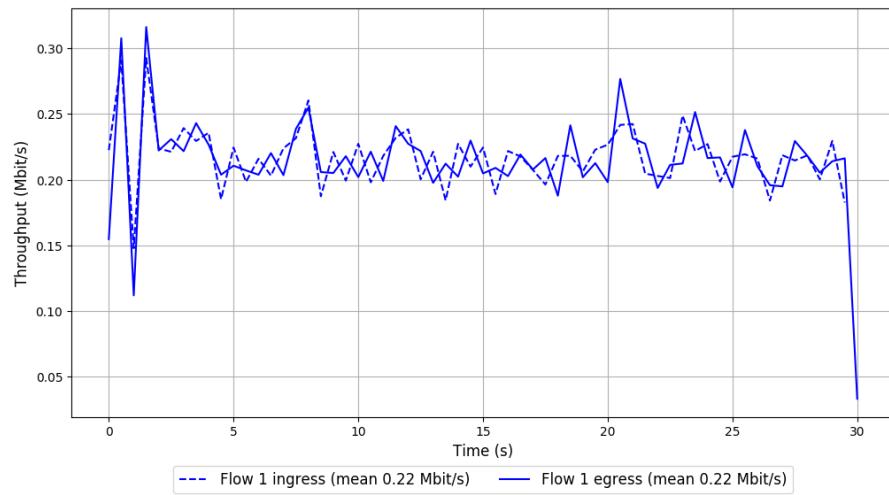


Run 2: Statistics of SCReAM

```
Start at: 2018-04-10 13:47:44
End at: 2018-04-10 13:48:15
Local clock offset: 15.909 ms
Remote clock offset: 20.985 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 155.365 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 155.365 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

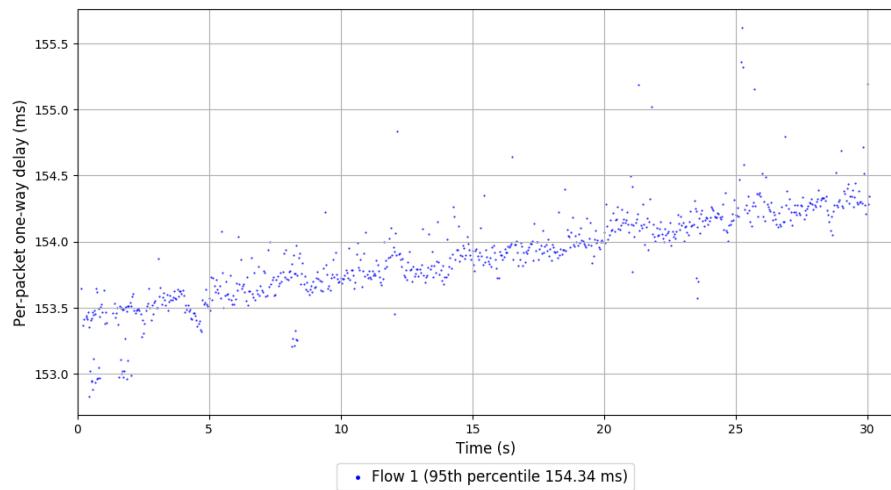
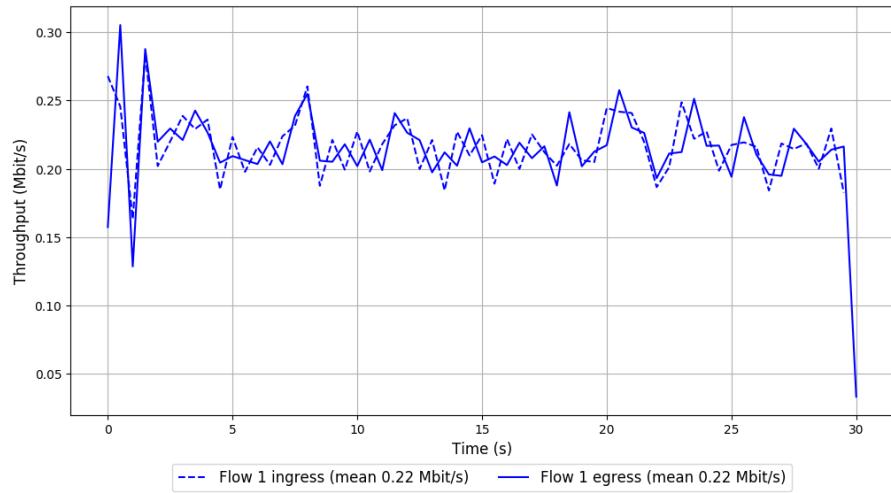


Run 3: Statistics of SCReAM

```
Start at: 2018-04-10 14:11:44
End at: 2018-04-10 14:12:14
Local clock offset: 14.515 ms
Remote clock offset: 13.982 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 154.341 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 154.341 ms
Loss rate: 0.00%
```

### Run 3: Report of SCReAM — Data Link

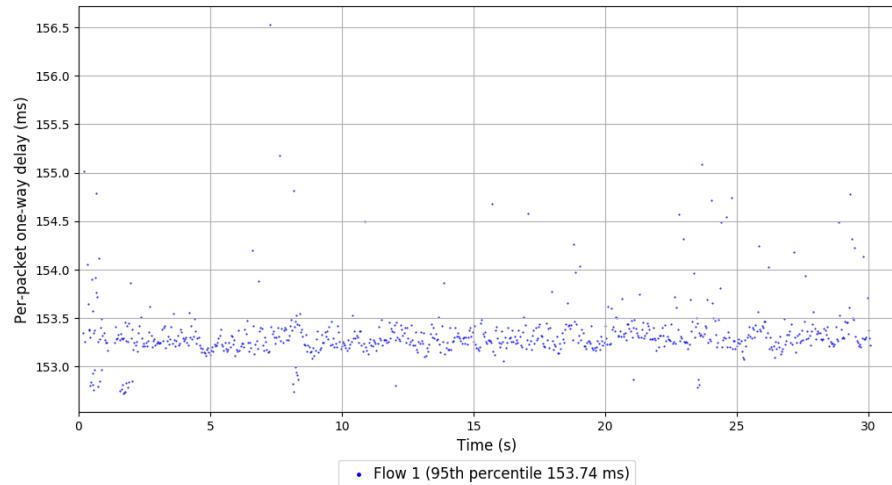
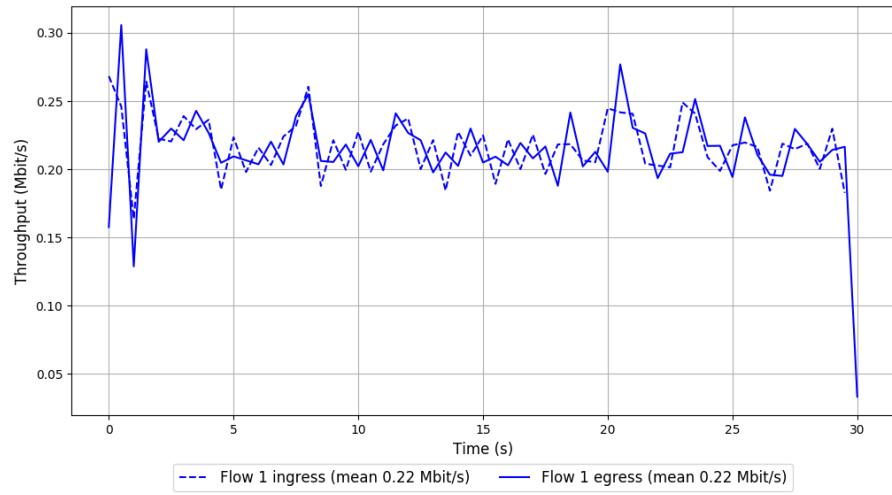


Run 4: Statistics of SCReAM

```
Start at: 2018-04-10 14:36:14
End at: 2018-04-10 14:36:44
Local clock offset: 15.623 ms
Remote clock offset: -1.724 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 153.740 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 153.740 ms
Loss rate: 0.00%
```

## Run 4: Report of SCReAM — Data Link

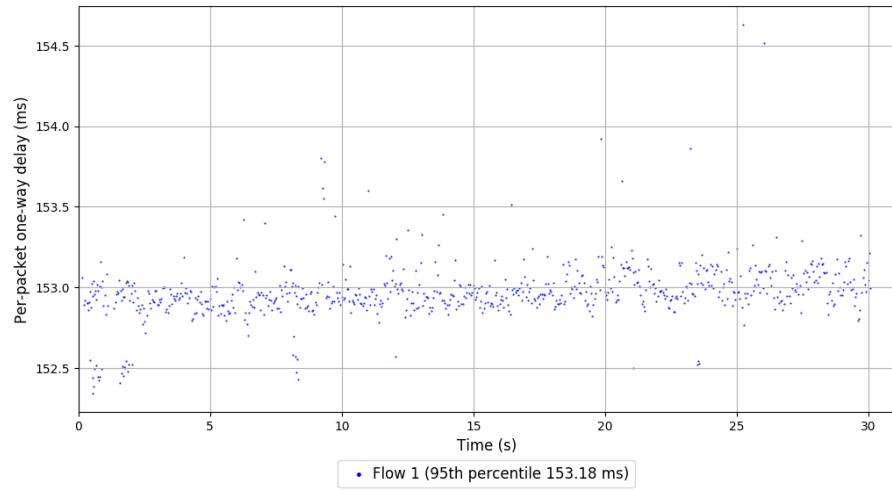
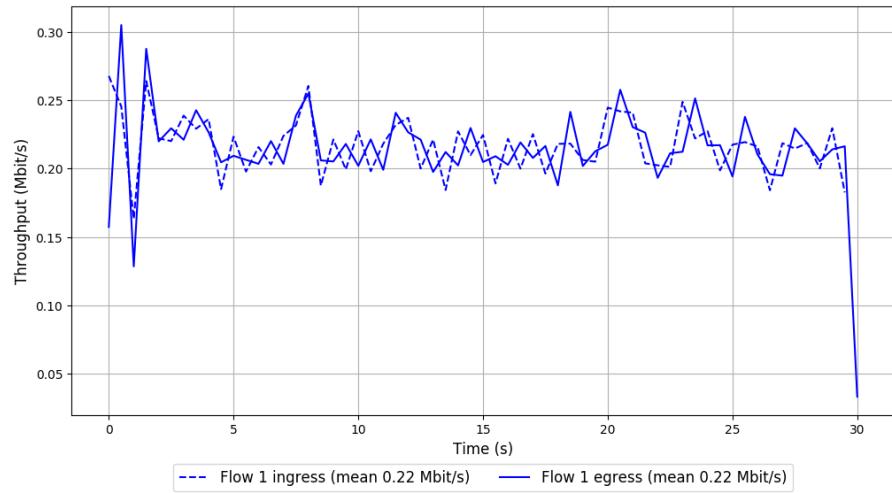


Run 5: Statistics of SCReAM

```
Start at: 2018-04-10 15:00:05
End at: 2018-04-10 15:00:35
Local clock offset: 24.603 ms
Remote clock offset: 1.859 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 153.180 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 153.180 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link



Run 6: Statistics of SCReAM

/home/ubuntu/pantheon\_data/2018-04-10T13-13-AWS-Korea-to-China-10-runs/scream\_stats\_run6.log

Run 6: Report of SCReAM — Data Link

Figure is missing

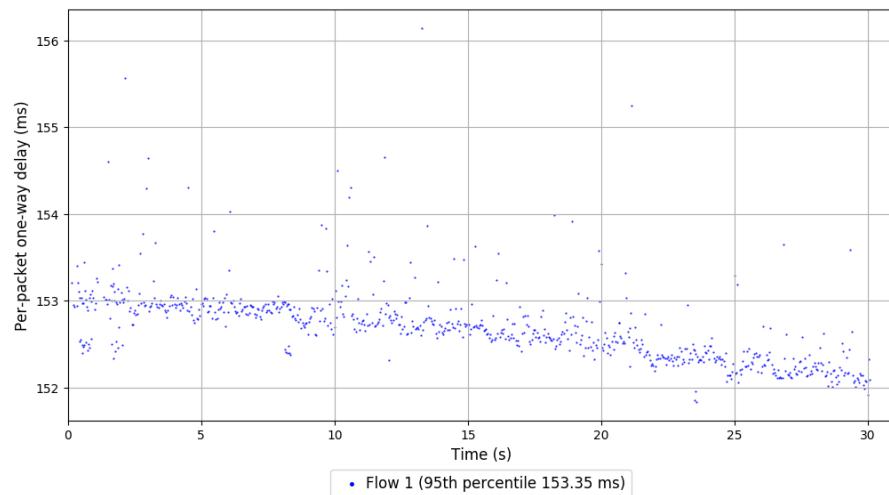
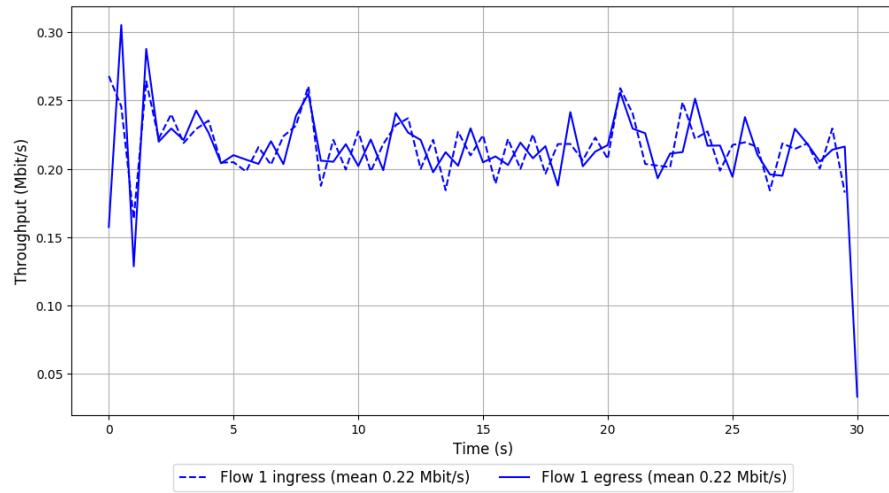
Figure is missing

Run 7: Statistics of SCReAM

```
Start at: 2018-04-10 15:47:40
End at: 2018-04-10 15:48:10
Local clock offset: 16.083 ms
Remote clock offset: 1.954 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 153.352 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 153.352 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

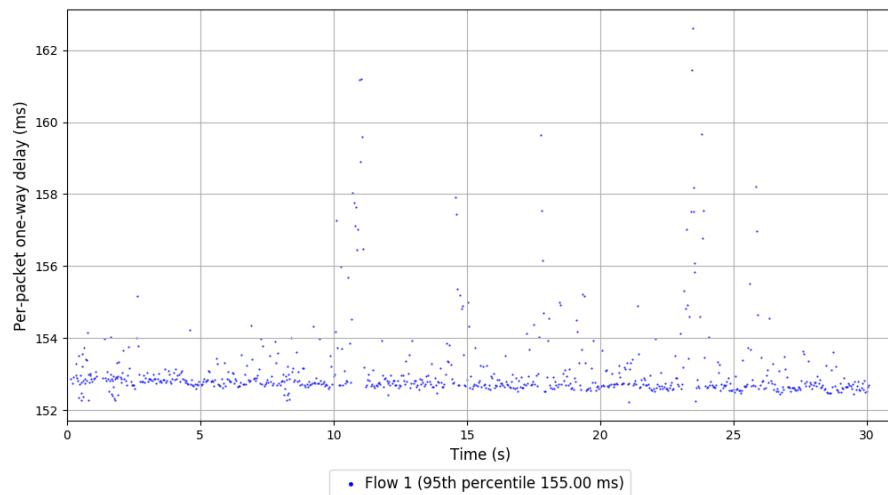
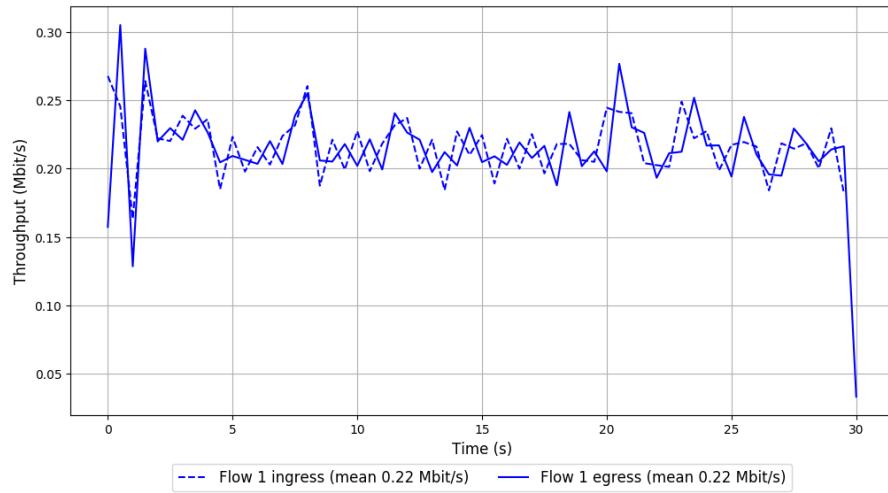


Run 8: Statistics of SCReAM

```
Start at: 2018-04-10 16:10:15
End at: 2018-04-10 16:10:45
Local clock offset: 17.871 ms
Remote clock offset: 22.112 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 155.004 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 155.004 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

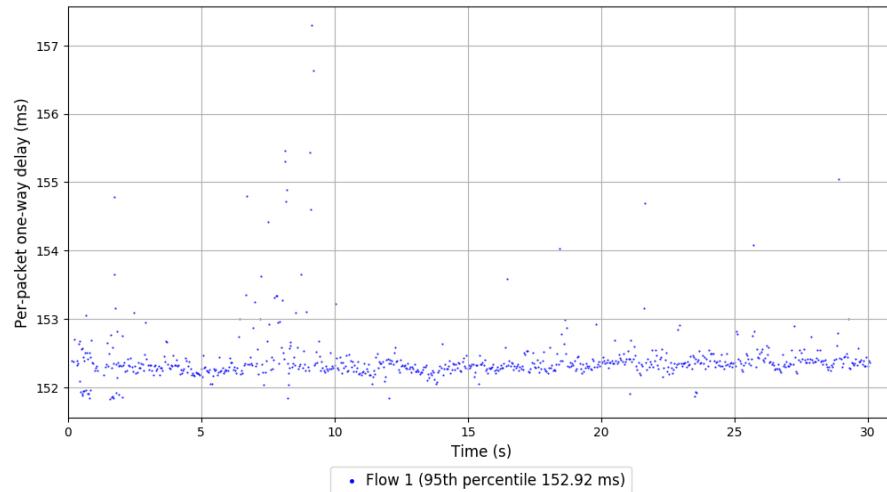
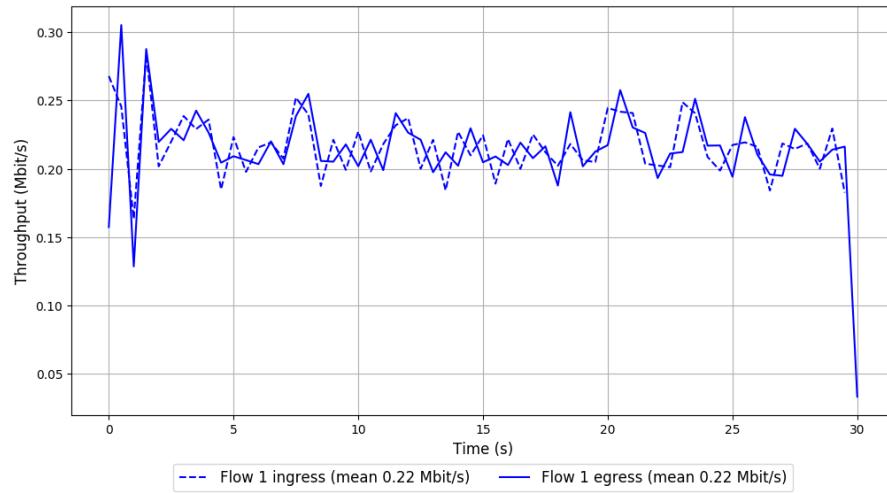


Run 9: Statistics of SCReAM

```
Start at: 2018-04-10 16:34:04
End at: 2018-04-10 16:34:34
Local clock offset: 14.11 ms
Remote clock offset: 9.128 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 152.921 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 152.921 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

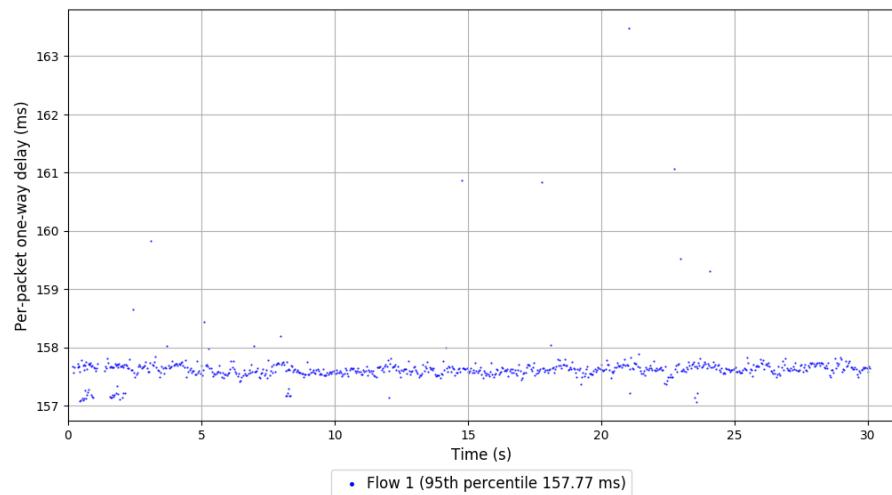
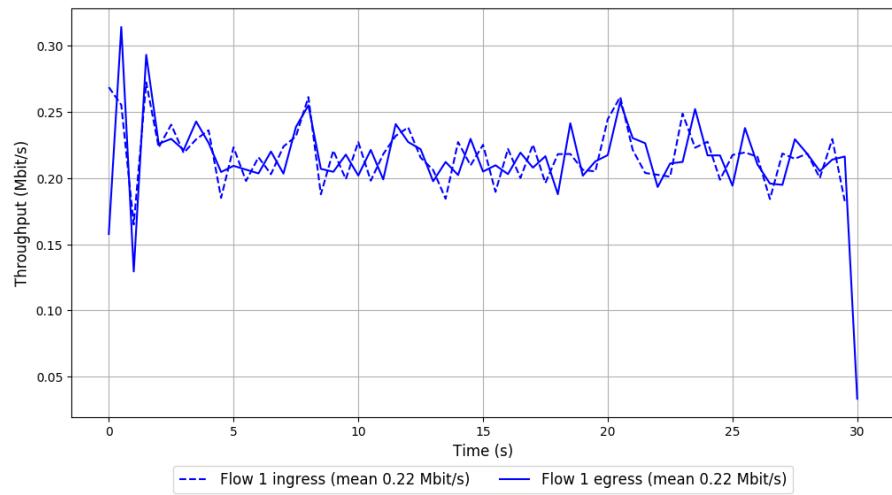


Run 10: Statistics of SCReAM

```
Start at: 2018-04-10 16:57:00
End at: 2018-04-10 16:57:30
Local clock offset: 7.524 ms
Remote clock offset: 2.958 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 157.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 157.766 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

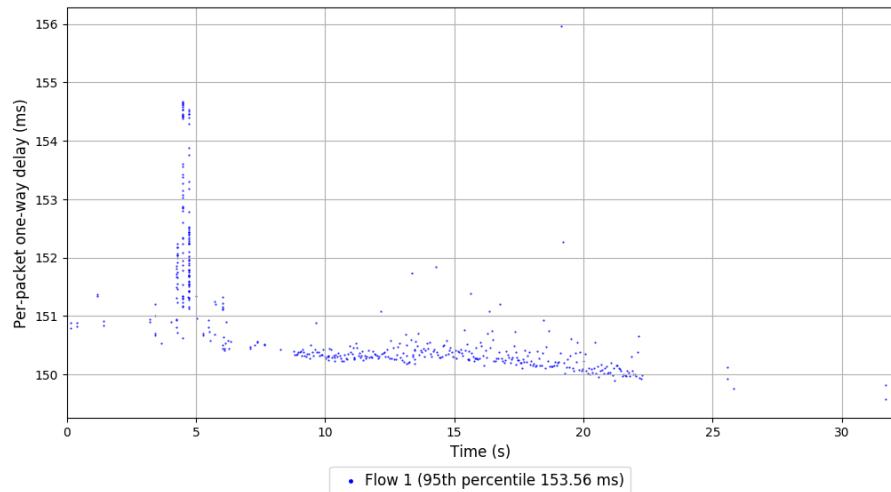
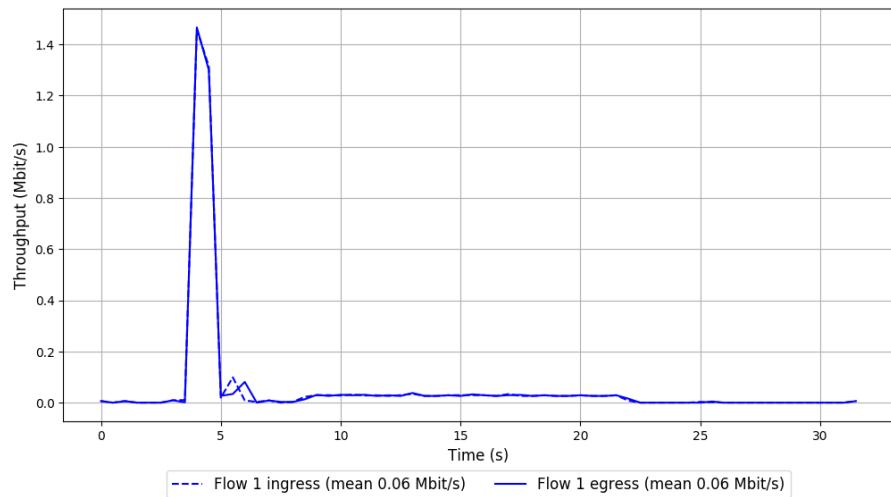


Run 1: Statistics of WebRTC media

```
Start at: 2018-04-10 13:31:38
End at: 2018-04-10 13:32:08
Local clock offset: 15.426 ms
Remote clock offset: 0.092 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 153.564 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 153.564 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

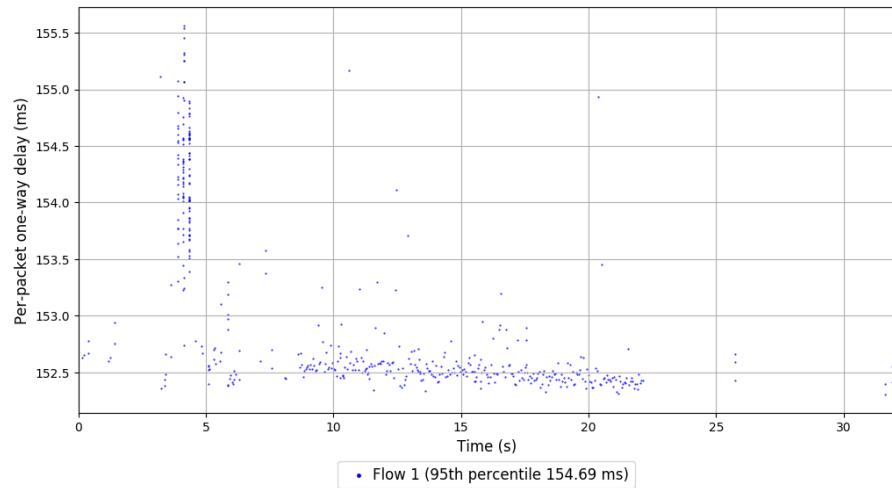
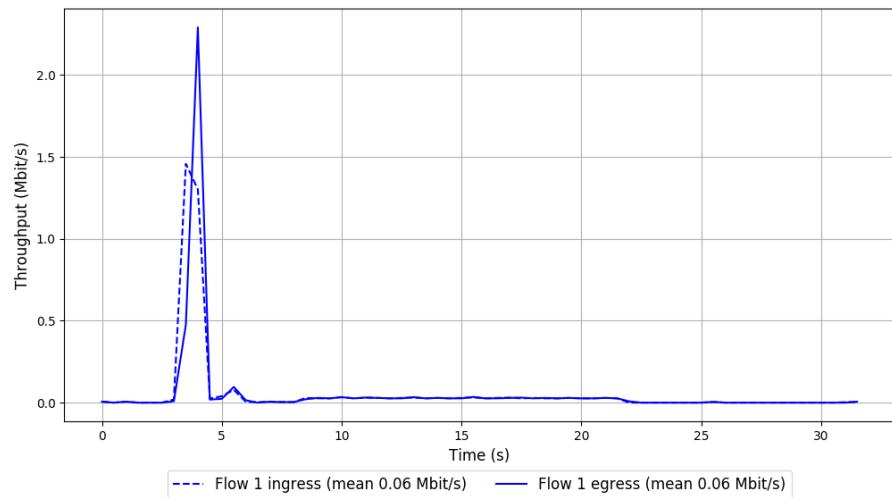


Run 2: Statistics of WebRTC media

```
Start at: 2018-04-10 13:55:51
End at: 2018-04-10 13:56:21
Local clock offset: 15.878 ms
Remote clock offset: 25.318 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 154.692 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 154.692 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

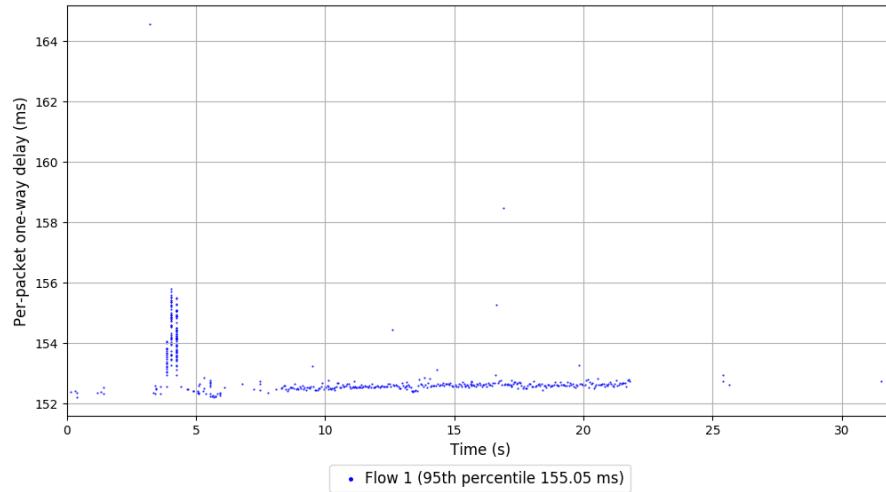
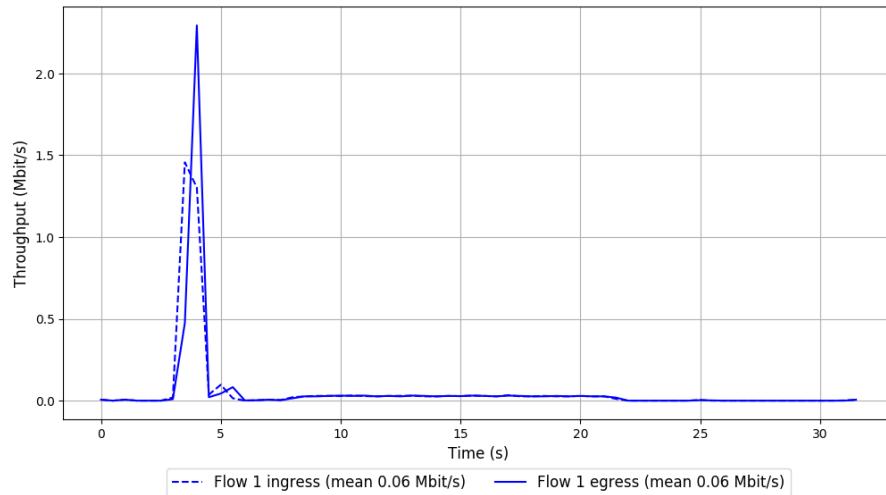


Run 3: Statistics of WebRTC media

```
Start at: 2018-04-10 14:19:42
End at: 2018-04-10 14:20:12
Local clock offset: 15.827 ms
Remote clock offset: 4.618 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 155.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 155.051 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

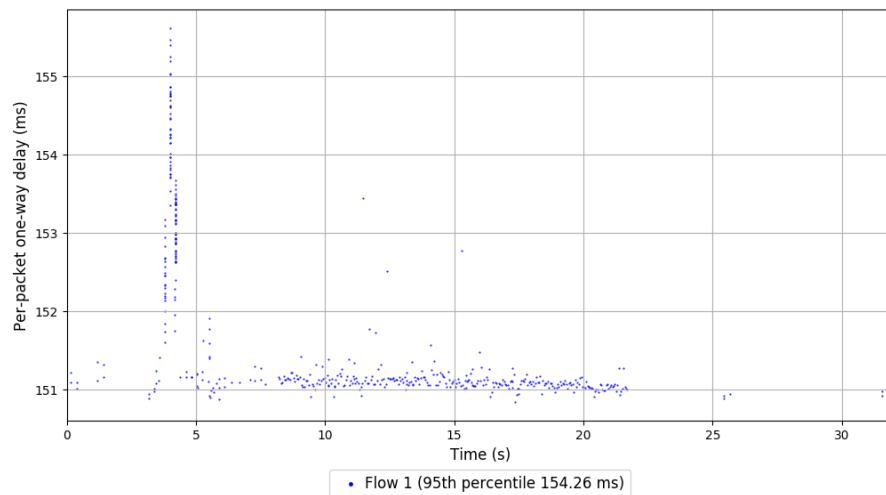
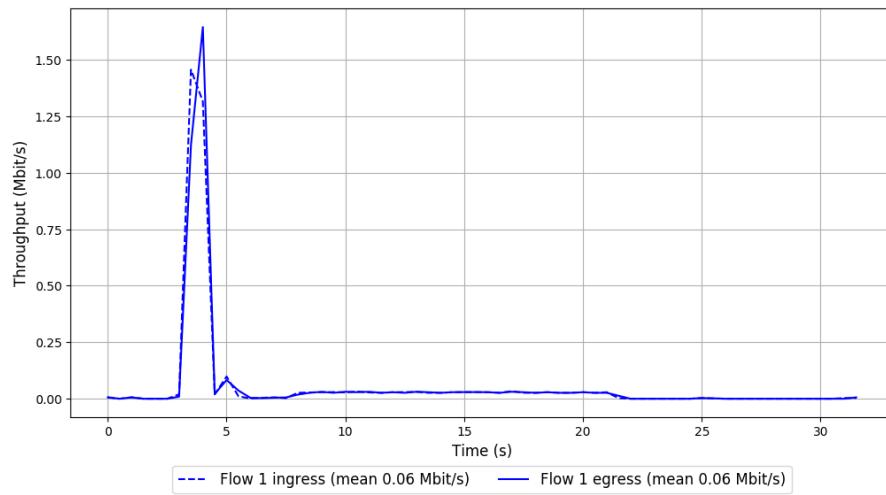


Run 4: Statistics of WebRTC media

```
Start at: 2018-04-10 14:44:12
End at: 2018-04-10 14:44:42
Local clock offset: 15.331 ms
Remote clock offset: -0.406 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 154.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 154.265 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

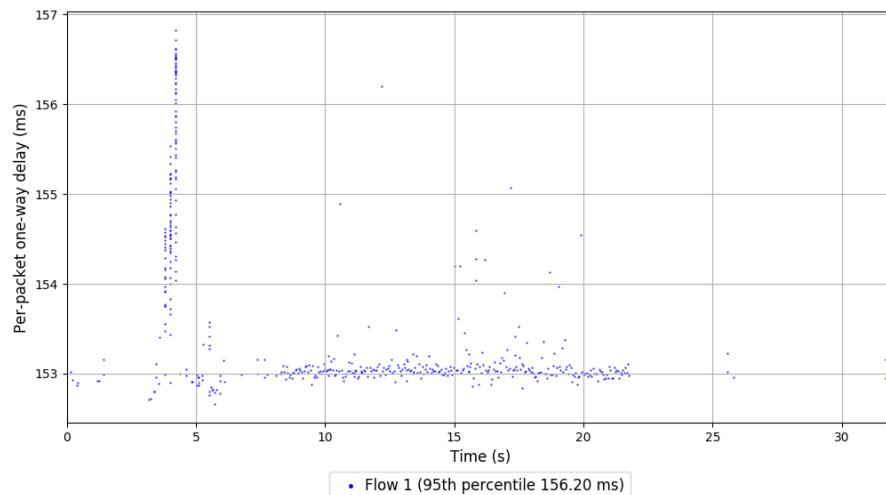
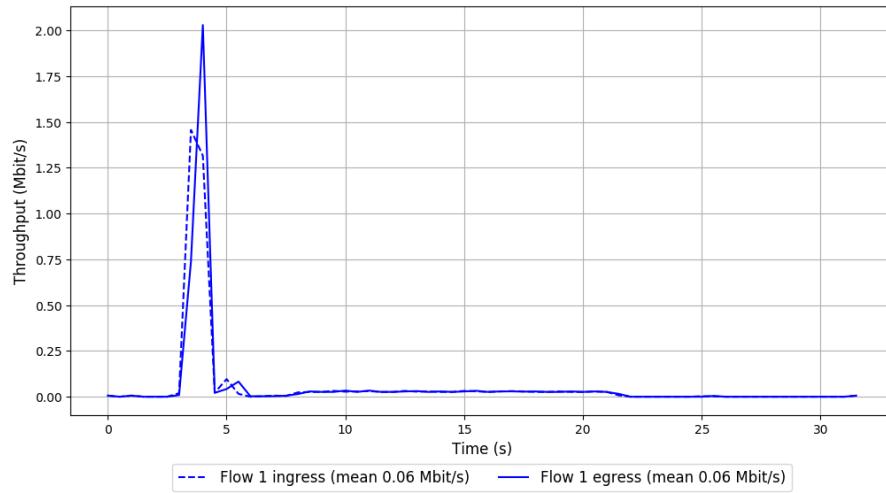


Run 5: Statistics of WebRTC media

```
Start at: 2018-04-10 15:07:46
End at: 2018-04-10 15:08:16
Local clock offset: 26.211 ms
Remote clock offset: 2.133 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 156.198 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 156.198 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

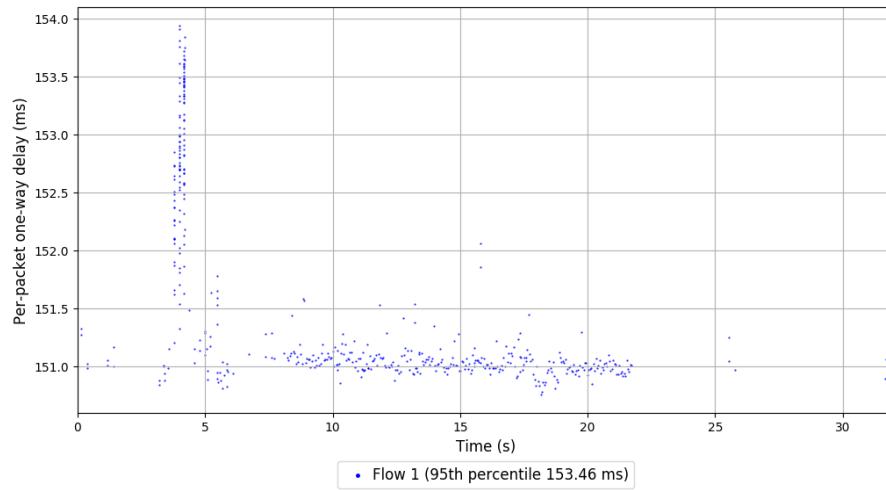
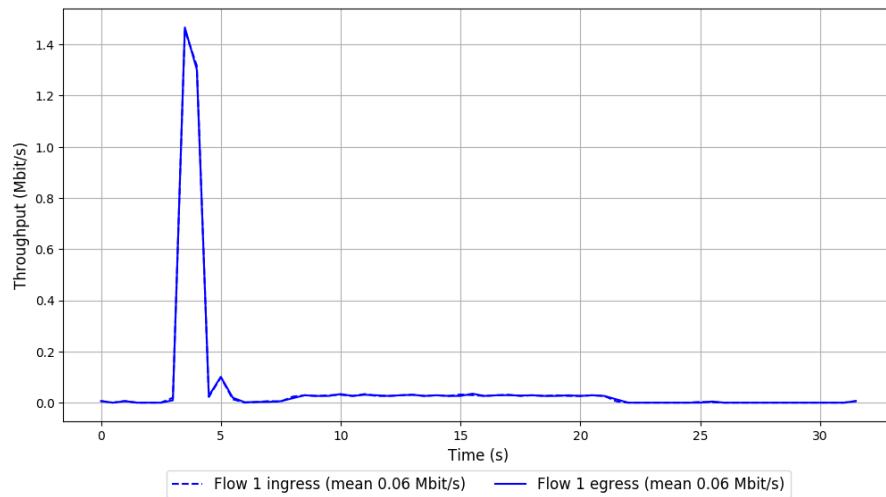


Run 6: Statistics of WebRTC media

```
Start at: 2018-04-10 15:32:33
End at: 2018-04-10 15:33:03
Local clock offset: 19.882 ms
Remote clock offset: 2.042 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 153.459 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 153.459 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

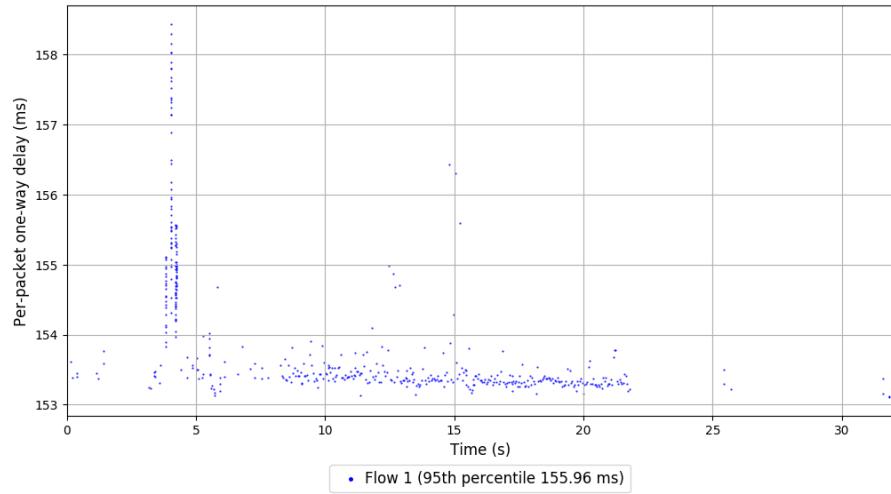
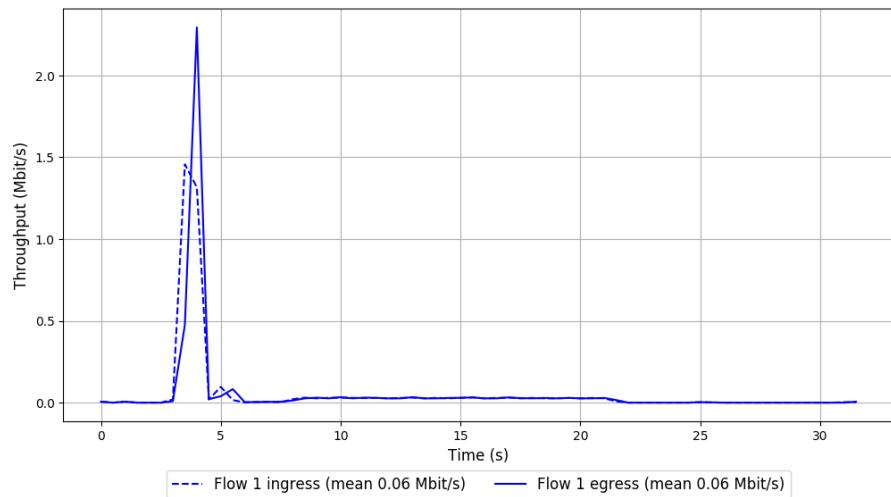


Run 7: Statistics of WebRTC media

```
Start at: 2018-04-10 15:55:13
End at: 2018-04-10 15:55:43
Local clock offset: 15.508 ms
Remote clock offset: 12.408 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 155.964 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 155.964 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

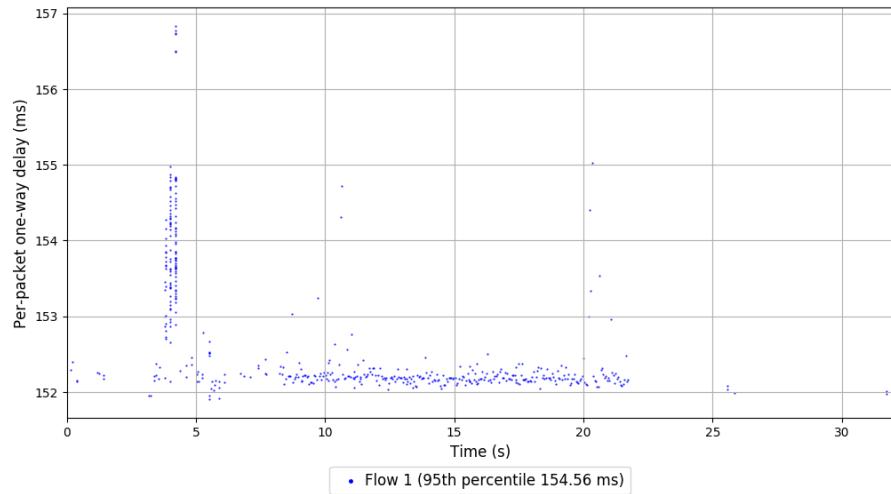
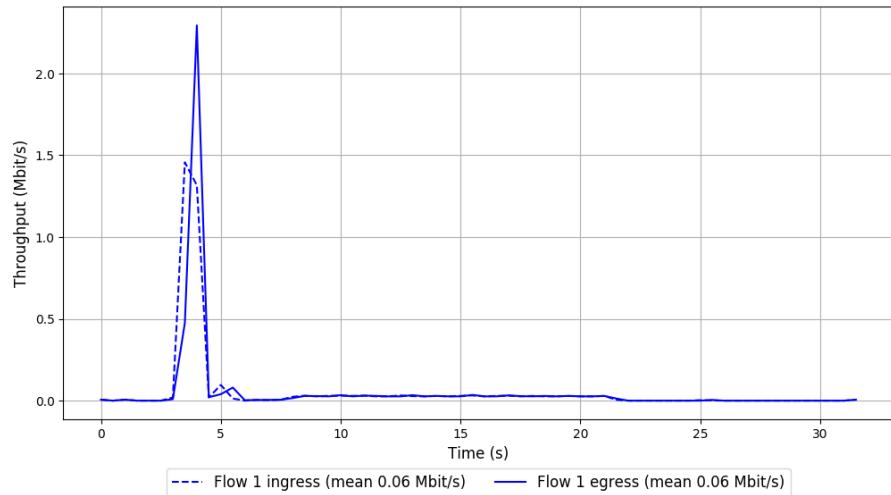


Run 8: Statistics of WebRTC media

```
Start at: 2018-04-10 16:18:42
End at: 2018-04-10 16:19:12
Local clock offset: 18.177 ms
Remote clock offset: 25.266 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 154.555 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 154.555 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

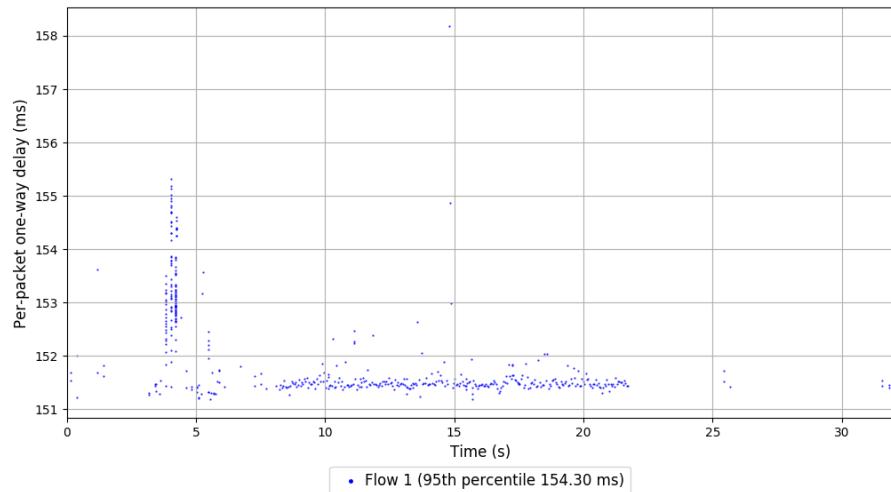
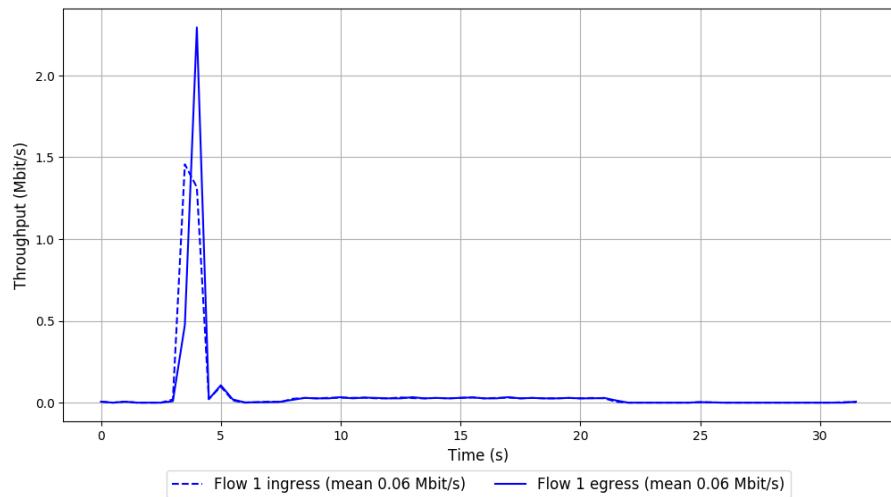


Run 9: Statistics of WebRTC media

```
Start at: 2018-04-10 16:41:38
End at: 2018-04-10 16:42:08
Local clock offset: 10.947 ms
Remote clock offset: 5.474 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 154.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 154.301 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link

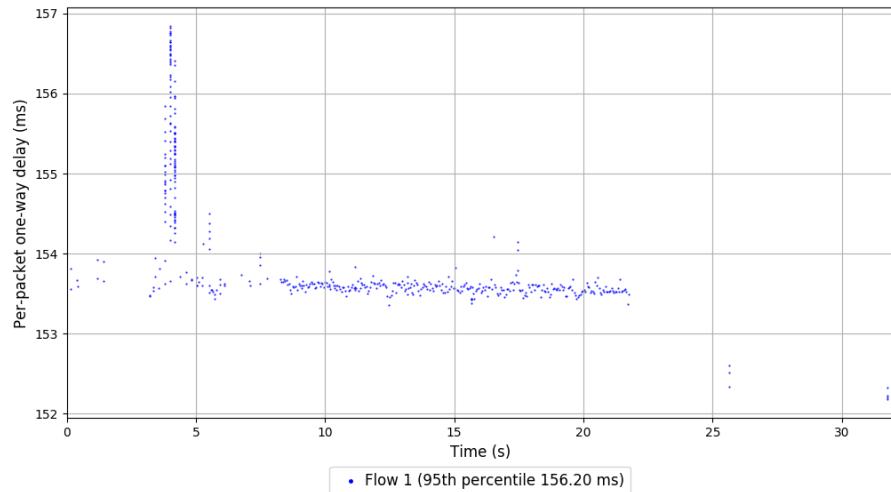
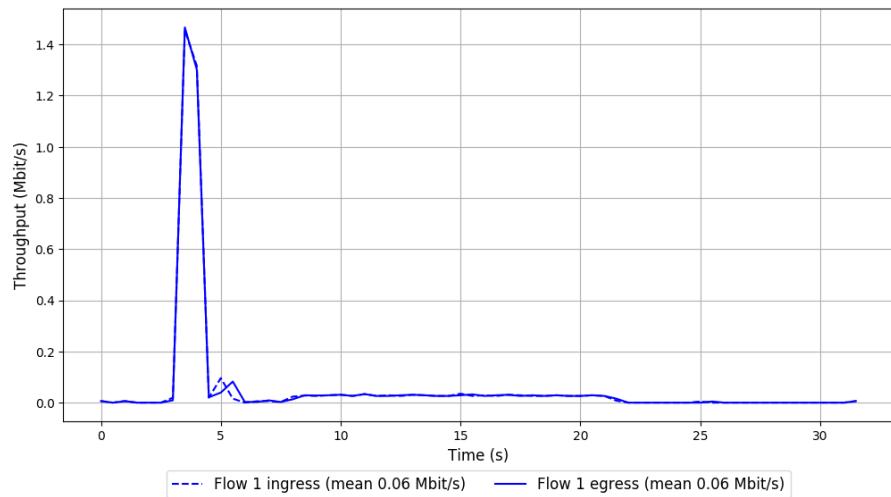


```
Run 10: Statistics of WebRTC media
```

```
Start at: 2018-04-10 17:04:34
End at: 2018-04-10 17:05:04
Local clock offset: 5.481 ms
Remote clock offset: 0.994 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 156.203 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 156.203 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

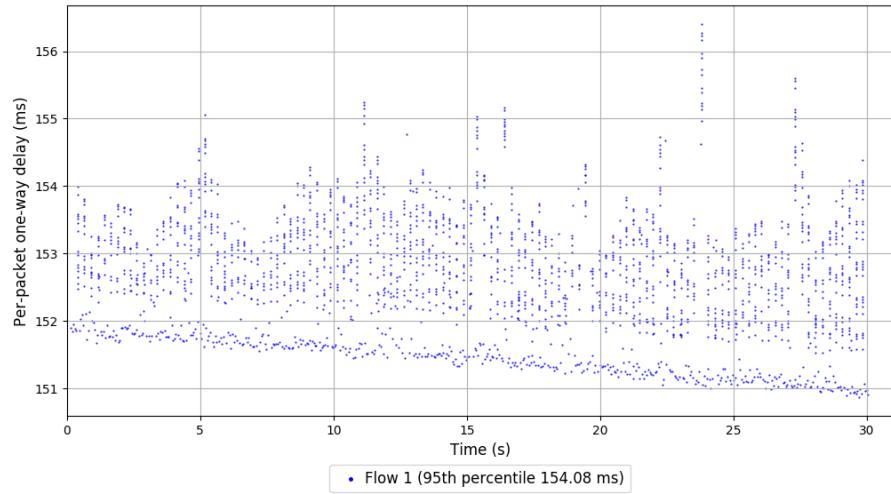
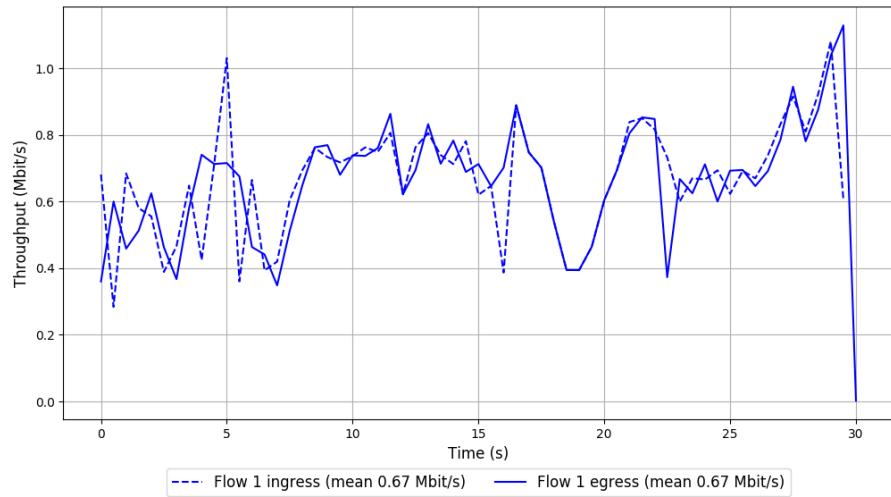


Run 1: Statistics of Sprout

```
Start at: 2018-04-10 13:35:37
End at: 2018-04-10 13:36:07
Local clock offset: 14.666 ms
Remote clock offset: 8.286 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 154.079 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 154.079 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

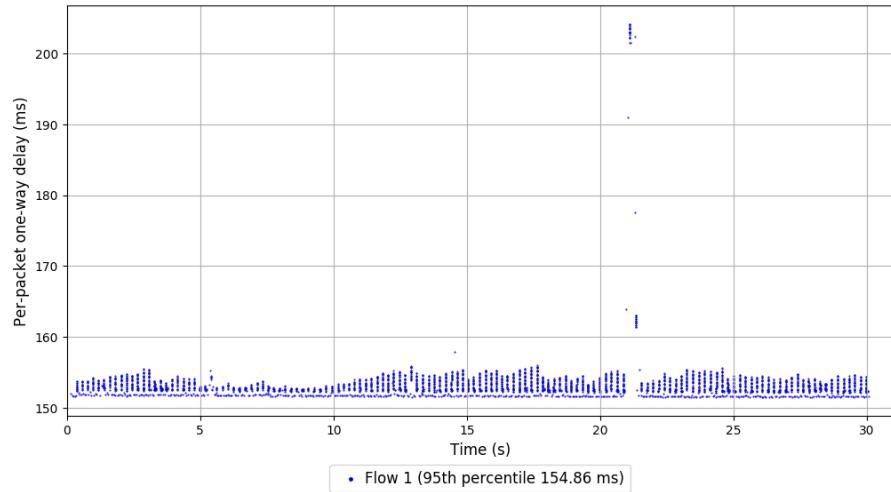
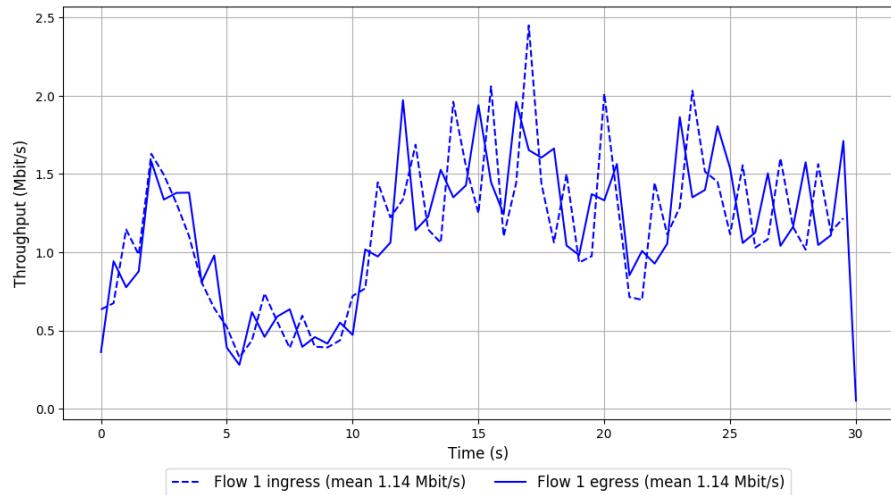


Run 2: Statistics of Sprout

```
Start at: 2018-04-10 13:59:48
End at: 2018-04-10 14:00:18
Local clock offset: 15.62 ms
Remote clock offset: 26.864 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 154.860 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 154.860 ms
Loss rate: 0.10%
```

## Run 2: Report of Sprout — Data Link

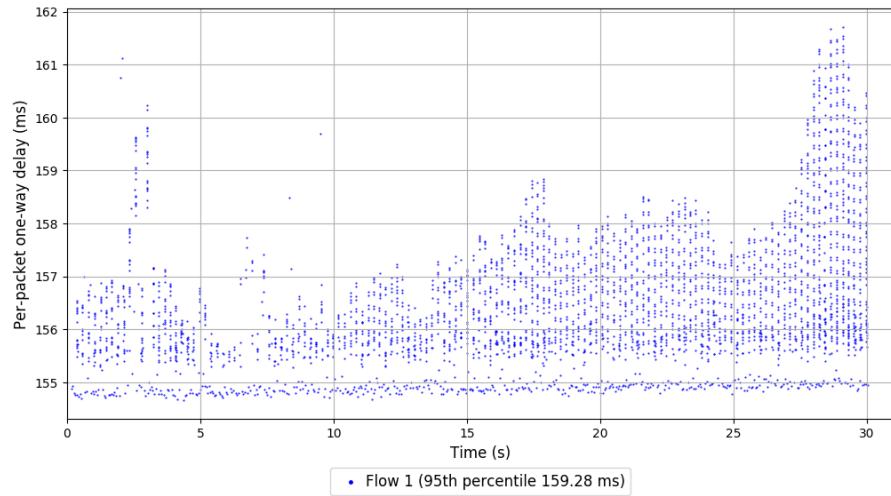
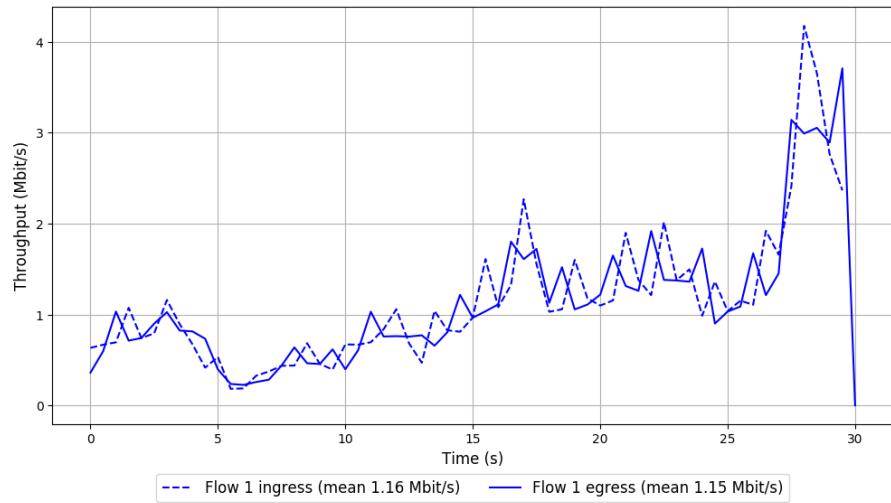


Run 3: Statistics of Sprout

```
Start at: 2018-04-10 14:24:15
End at: 2018-04-10 14:24:45
Local clock offset: 15.882 ms
Remote clock offset: 2.225 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 159.279 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 159.279 ms
Loss rate: 0.73%
```

Run 3: Report of Sprout — Data Link

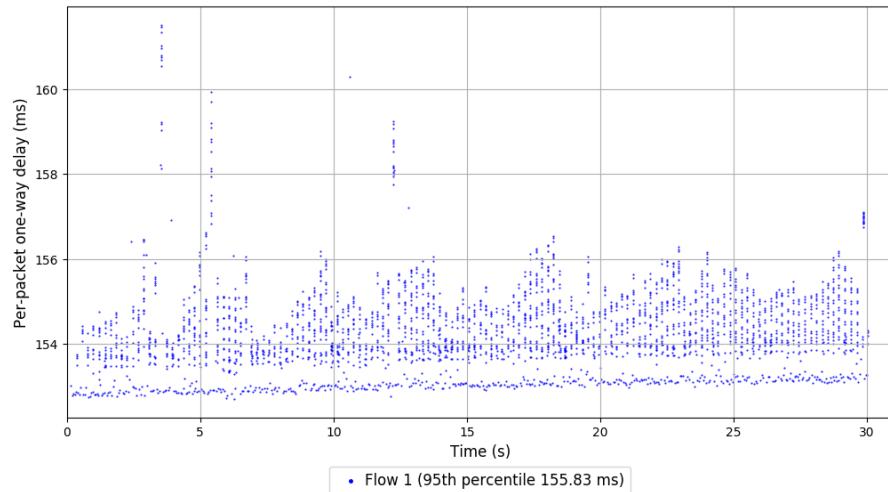
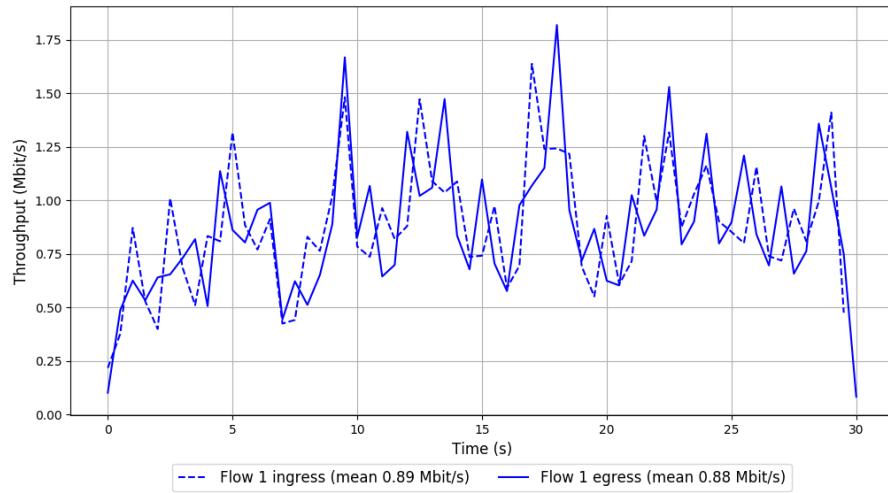


Run 4: Statistics of Sprout

```
Start at: 2018-04-10 14:48:08
End at: 2018-04-10 14:48:38
Local clock offset: 17.137 ms
Remote clock offset: 0.613 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.88 Mbit/s
95th percentile per-packet one-way delay: 155.832 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.88 Mbit/s
95th percentile per-packet one-way delay: 155.832 ms
Loss rate: 0.14%
```

## Run 4: Report of Sprout — Data Link

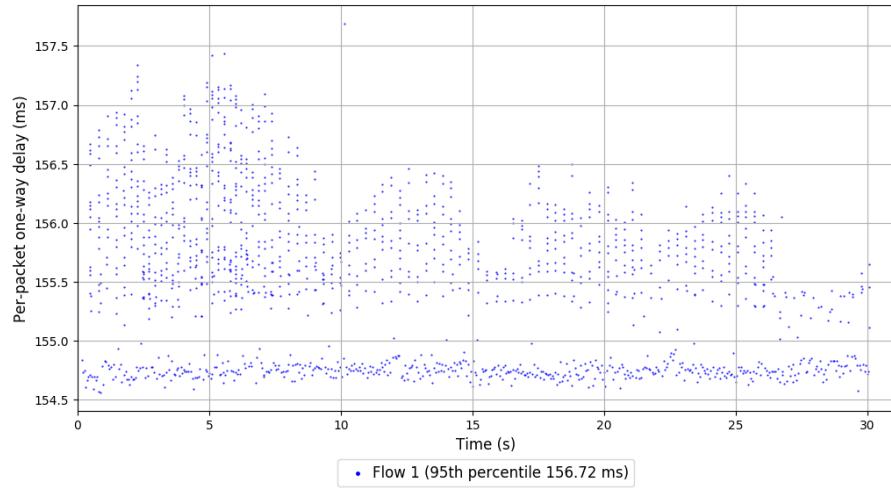
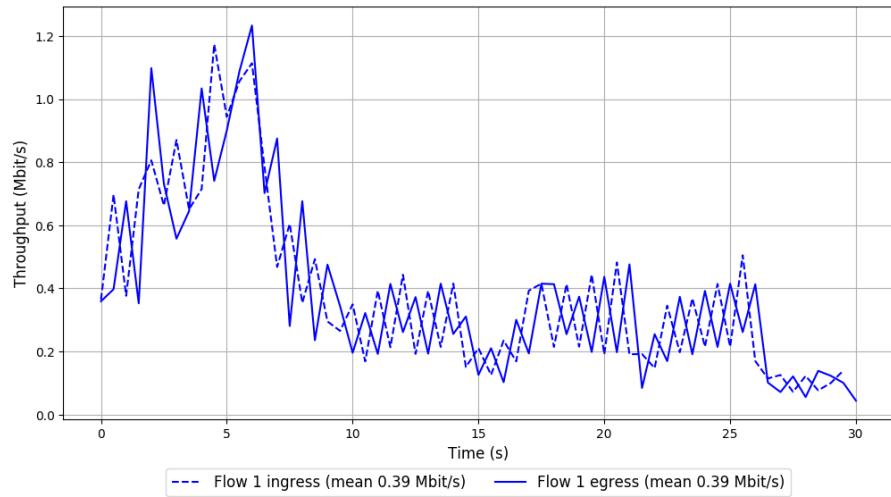


Run 5: Statistics of Sprout

```
Start at: 2018-04-10 15:12:44
End at: 2018-04-10 15:13:14
Local clock offset: 27.032 ms
Remote clock offset: 2.227 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 156.718 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 156.718 ms
Loss rate: 0.00%
```

## Run 5: Report of Sprout — Data Link

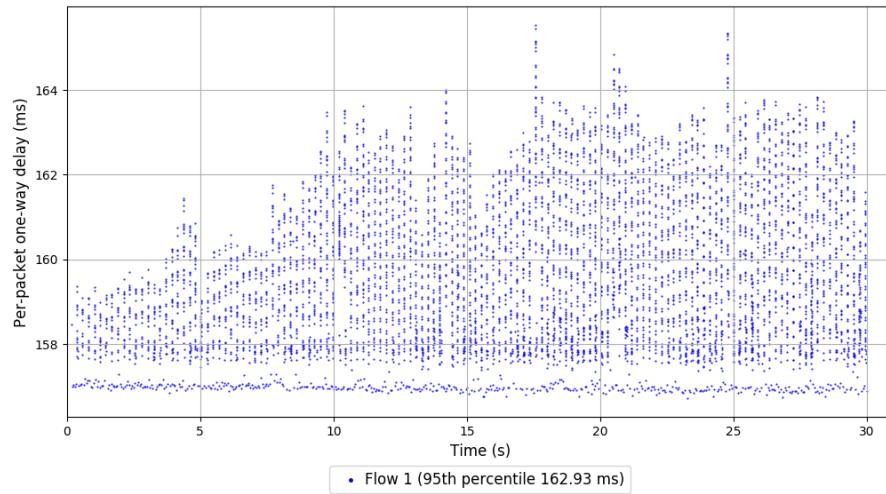
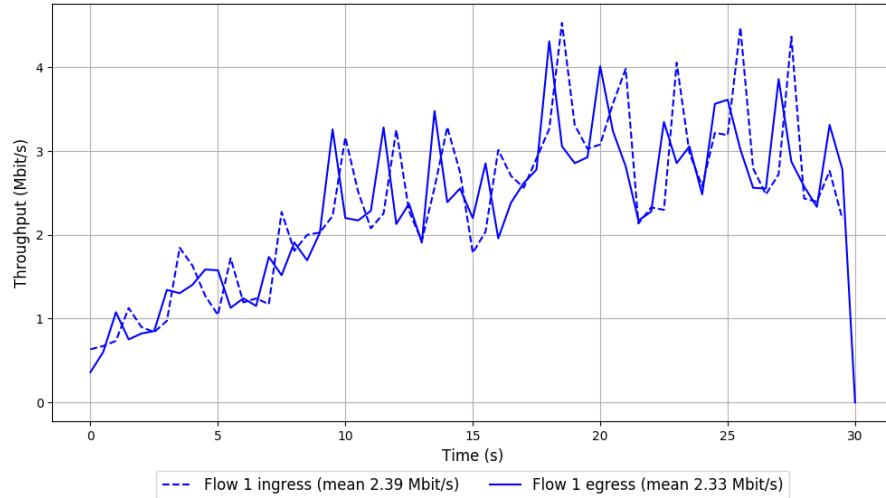


Run 6: Statistics of Sprout

```
Start at: 2018-04-10 15:36:17
End at: 2018-04-10 15:36:47
Local clock offset: 18.488 ms
Remote clock offset: 2.02 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 162.930 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 162.930 ms
Loss rate: 2.27%
```

## Run 6: Report of Sprout — Data Link

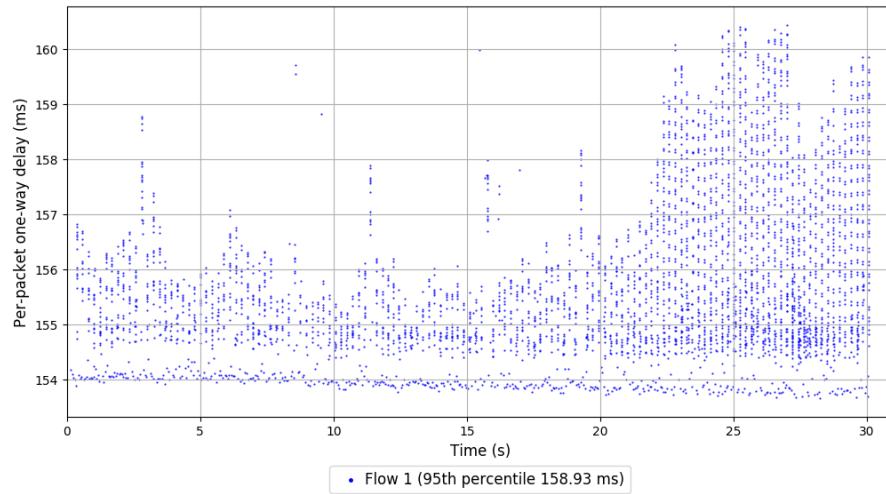
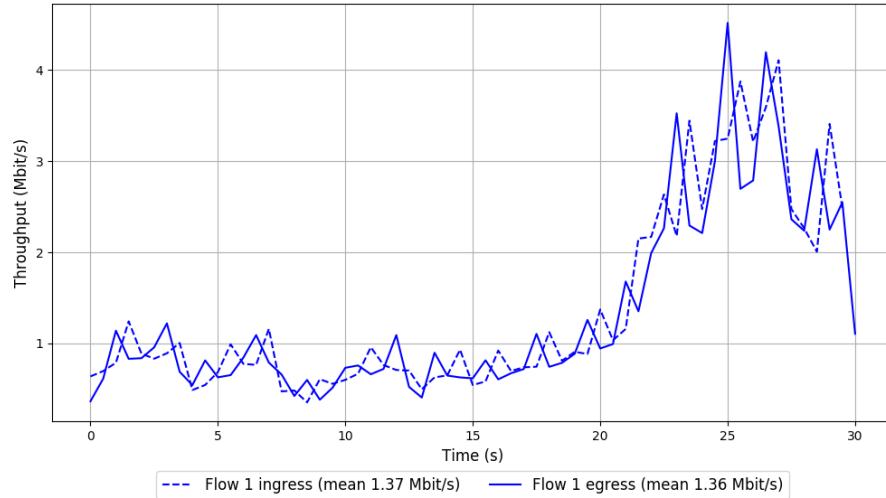


Run 7: Statistics of Sprout

```
Start at: 2018-04-10 15:58:54
End at: 2018-04-10 15:59:24
Local clock offset: 16.716 ms
Remote clock offset: 15.732 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 158.934 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 158.934 ms
Loss rate: 1.35%
```

## Run 7: Report of Sprout — Data Link

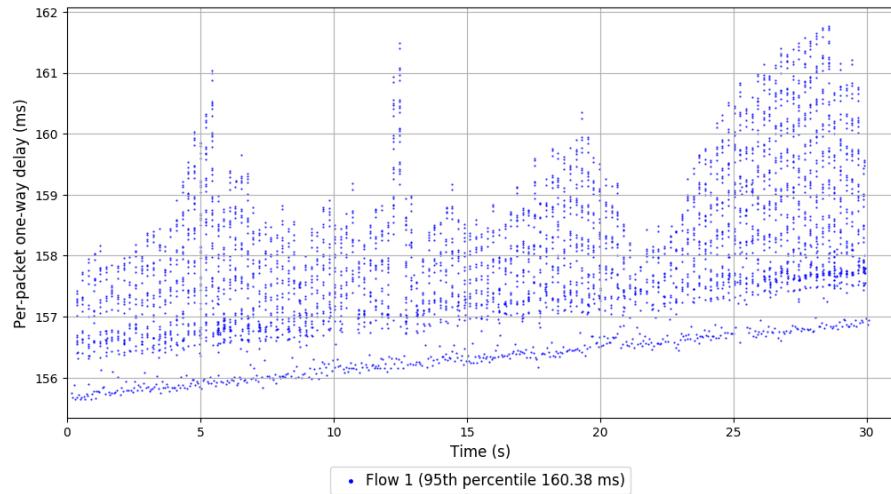
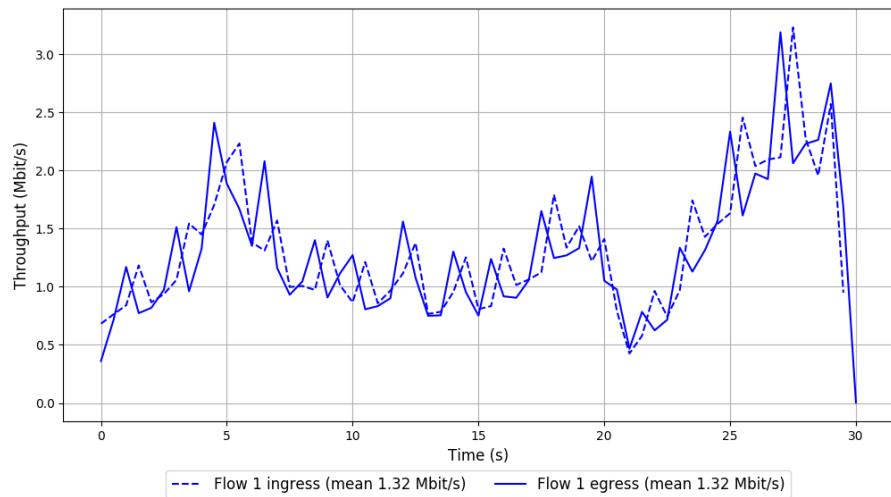


Run 8: Statistics of Sprout

```
Start at: 2018-04-10 16:22:26
End at: 2018-04-10 16:22:56
Local clock offset: 17.699 ms
Remote clock offset: 25.887 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 160.383 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 160.383 ms
Loss rate: 0.00%
```

## Run 8: Report of Sprout — Data Link

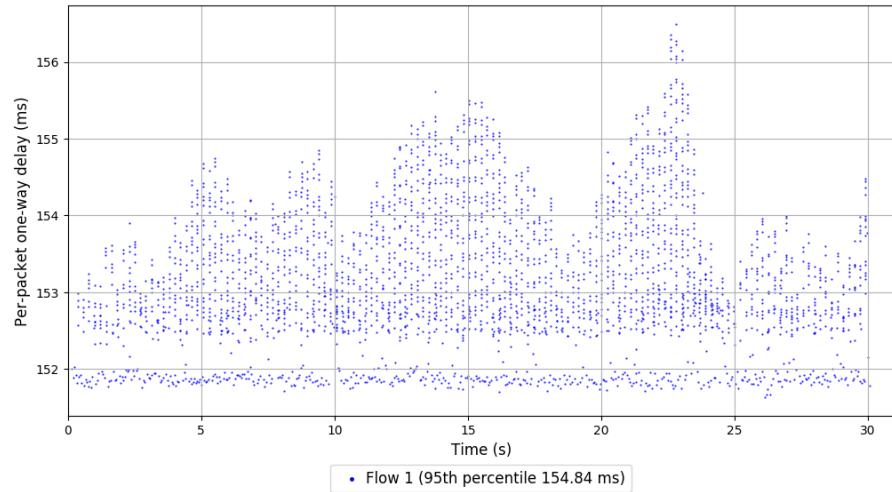
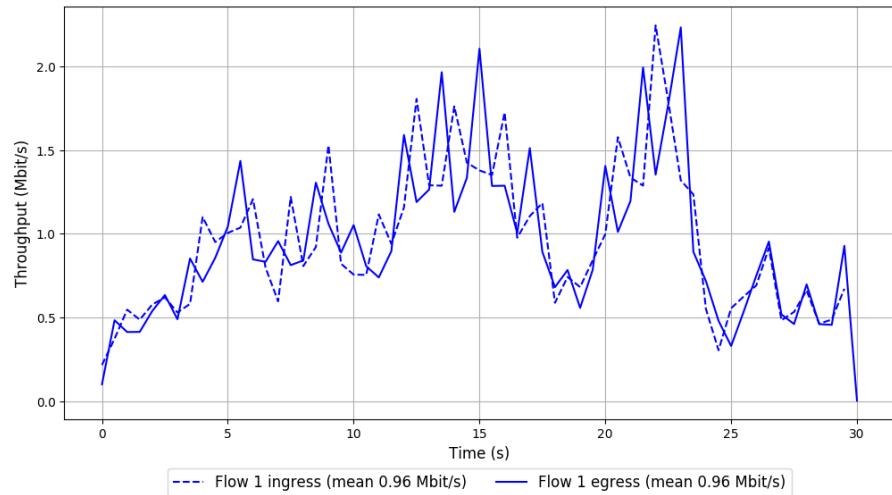


Run 9: Statistics of Sprout

```
Start at: 2018-04-10 16:45:23
End at: 2018-04-10 16:45:53
Local clock offset: 10.109 ms
Remote clock offset: 4.625 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 154.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 154.841 ms
Loss rate: 0.00%
```

## Run 9: Report of Sprout — Data Link

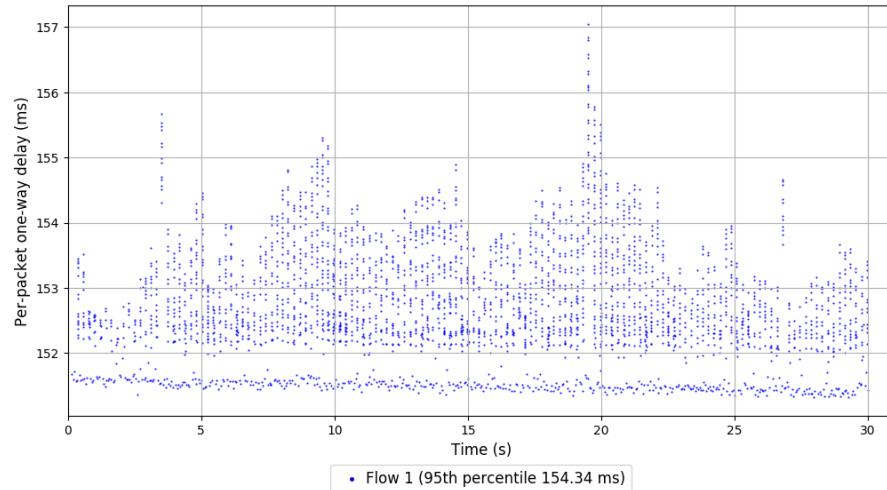
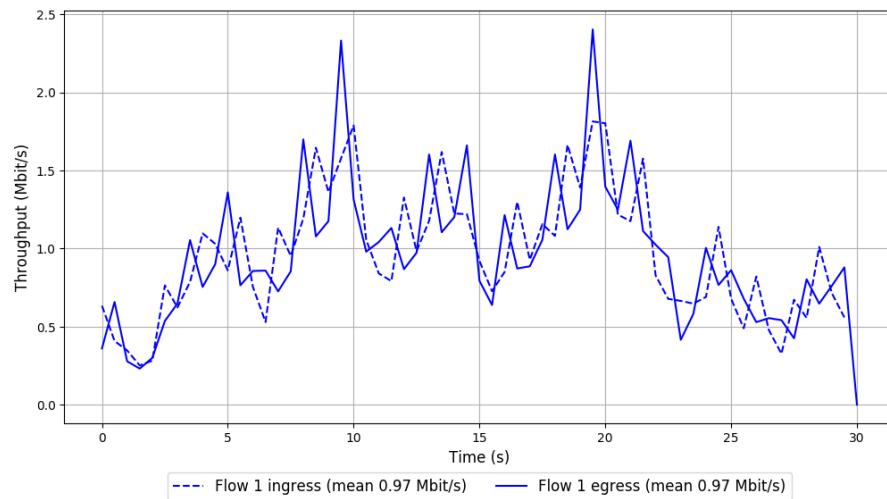


Run 10: Statistics of Sprout

```
Start at: 2018-04-10 17:08:16
End at: 2018-04-10 17:08:46
Local clock offset: 3.223 ms
Remote clock offset: 0.441 ms

# Below is generated by plot.py at 2018-04-10 17:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.97 Mbit/s
95th percentile per-packet one-way delay: 154.339 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.97 Mbit/s
95th percentile per-packet one-way delay: 154.339 ms
Loss rate: 0.00%
```

## Run 10: Report of Sprout — Data Link

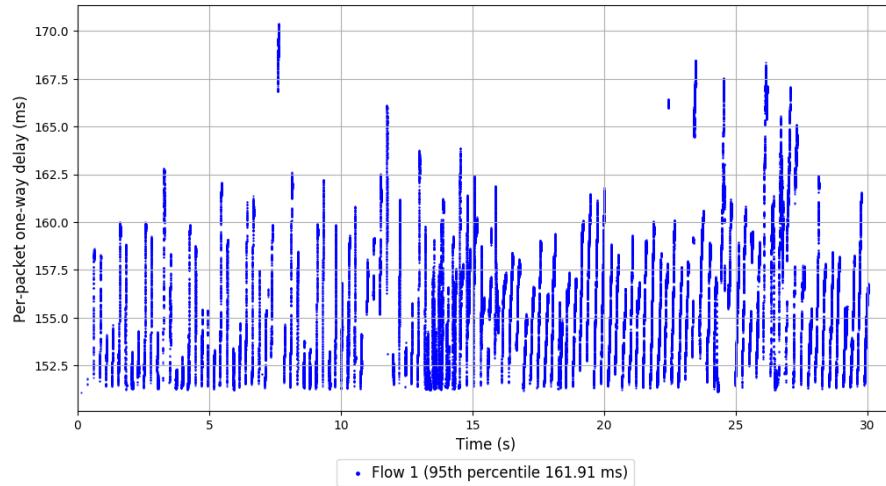
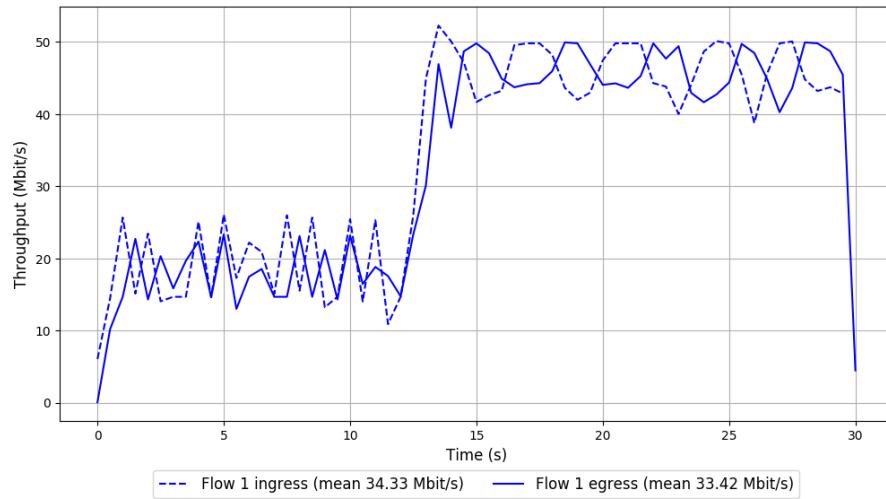


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-04-10 13:22:15
End at: 2018-04-10 13:22:45
Local clock offset: 17.631 ms
Remote clock offset: 1.305 ms

# Below is generated by plot.py at 2018-04-10 17:39:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 161.913 ms
Loss rate: 2.63%
-- Flow 1:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 161.913 ms
Loss rate: 2.63%
```

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

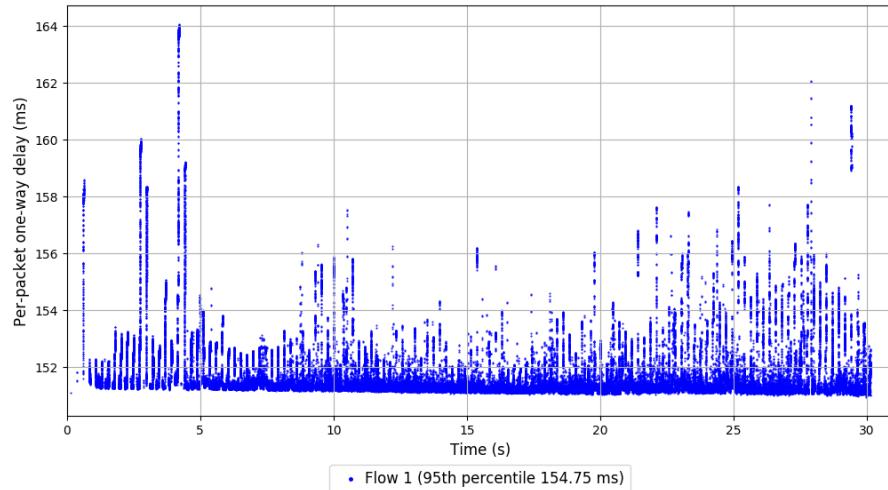
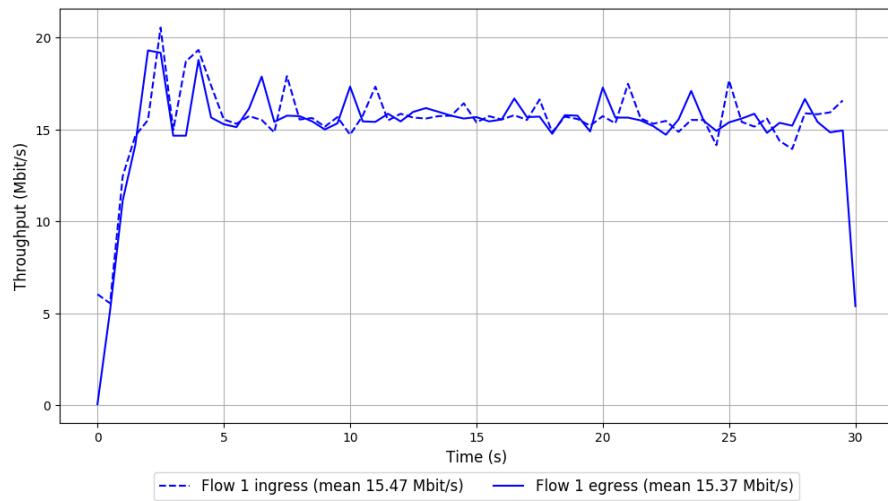


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-04-10 13:46:25
End at: 2018-04-10 13:46:55
Local clock offset: 16.074 ms
Remote clock offset: 19.988 ms

# Below is generated by plot.py at 2018-04-10 17:39:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.37 Mbit/s
95th percentile per-packet one-way delay: 154.745 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 15.37 Mbit/s
95th percentile per-packet one-way delay: 154.745 ms
Loss rate: 0.69%
```

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

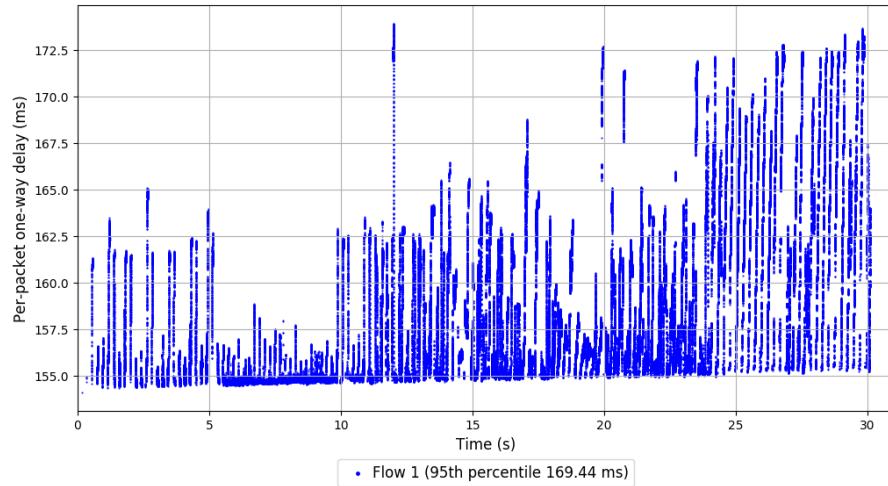
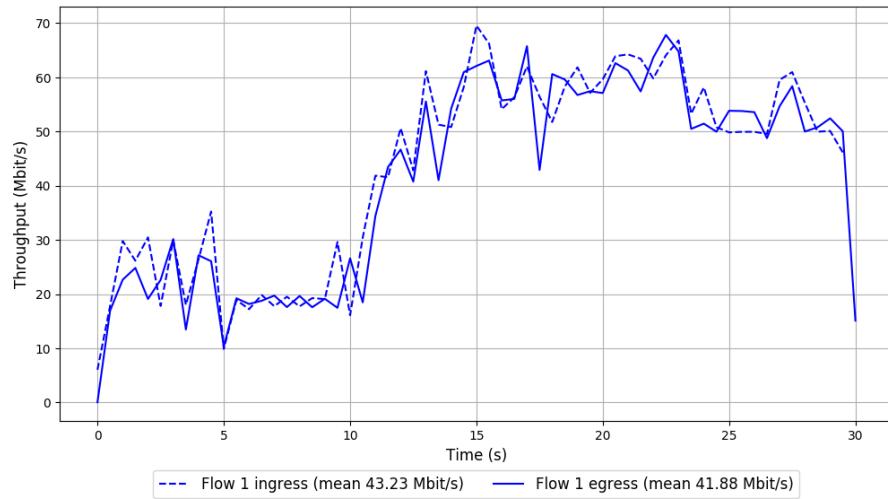


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-04-10 14:10:24
End at: 2018-04-10 14:10:54
Local clock offset: 14.648 ms
Remote clock offset: 16.101 ms

# Below is generated by plot.py at 2018-04-10 17:39:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.88 Mbit/s
95th percentile per-packet one-way delay: 169.443 ms
Loss rate: 3.08%
-- Flow 1:
Average throughput: 41.88 Mbit/s
95th percentile per-packet one-way delay: 169.443 ms
Loss rate: 3.08%
```

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

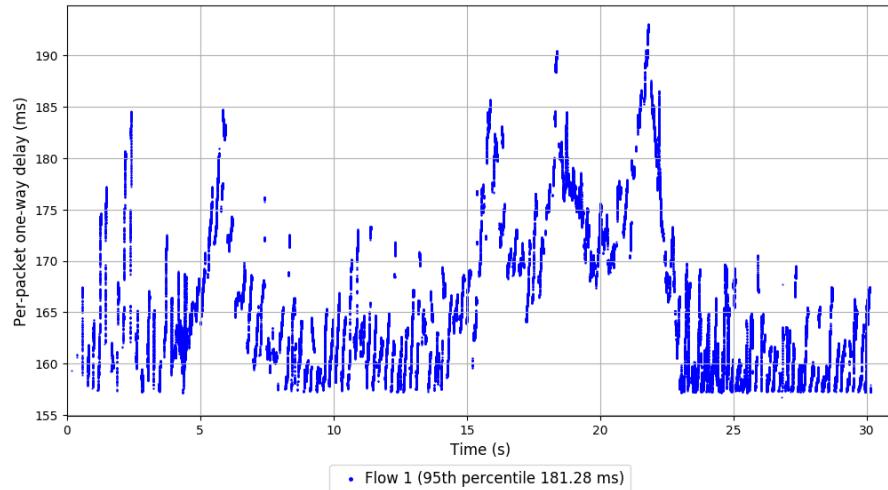
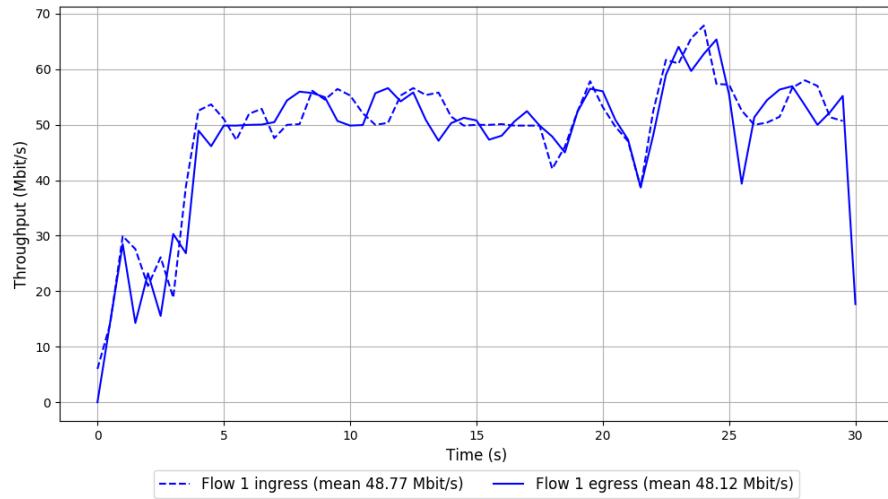


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-04-10 14:34:53
End at: 2018-04-10 14:35:23
Local clock offset: 15.77 ms
Remote clock offset: -1.421 ms

# Below is generated by plot.py at 2018-04-10 17:39:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.12 Mbit/s
95th percentile per-packet one-way delay: 181.281 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 48.12 Mbit/s
95th percentile per-packet one-way delay: 181.281 ms
Loss rate: 1.35%
```

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

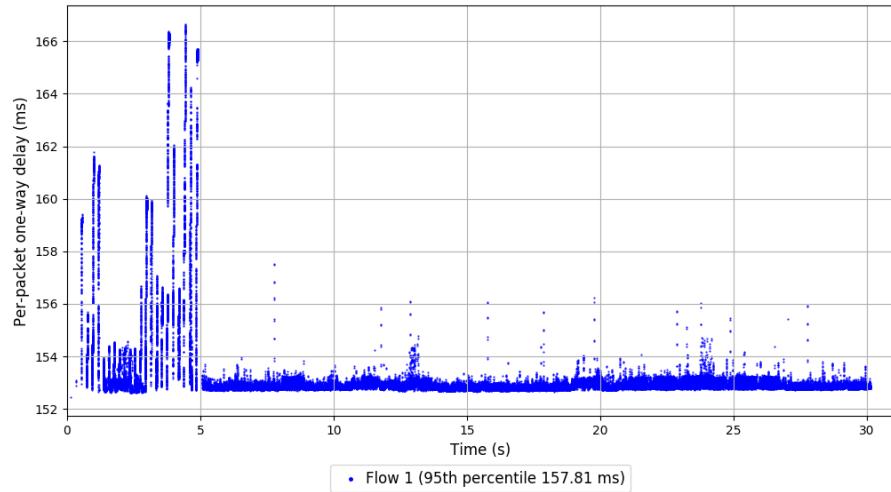
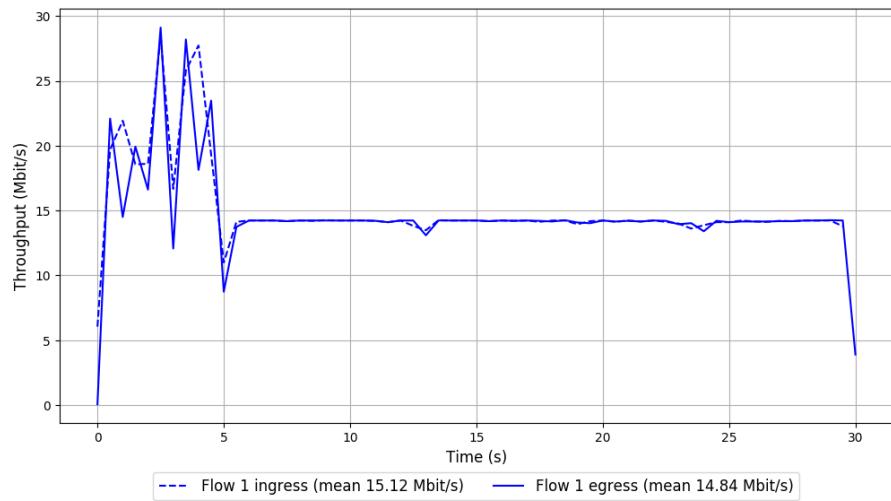


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-04-10 14:58:47
End at: 2018-04-10 14:59:17
Local clock offset: 24.181 ms
Remote clock offset: 1.812 ms

# Below is generated by plot.py at 2018-04-10 17:39:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: 157.813 ms
Loss rate: 1.87%
-- Flow 1:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: 157.813 ms
Loss rate: 1.87%
```

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

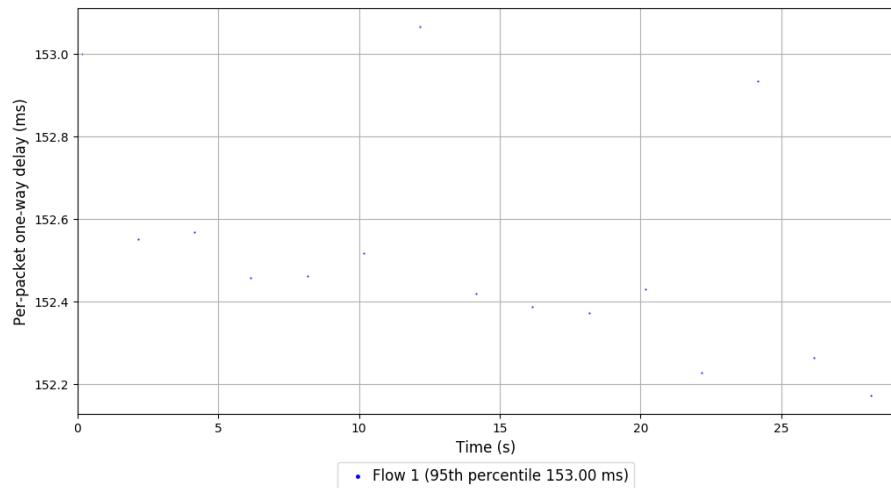
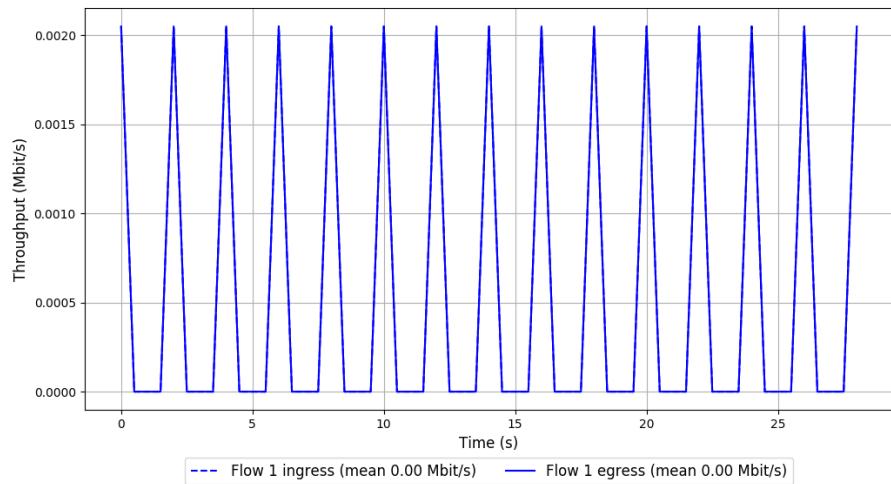


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-04-10 15:23:09
End at: 2018-04-10 15:23:39
Local clock offset: 25.389 ms
Remote clock offset: 2.162 ms

# Below is generated by plot.py at 2018-04-10 17:39:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 153.001 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 153.001 ms
Loss rate: 0.00%
```

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

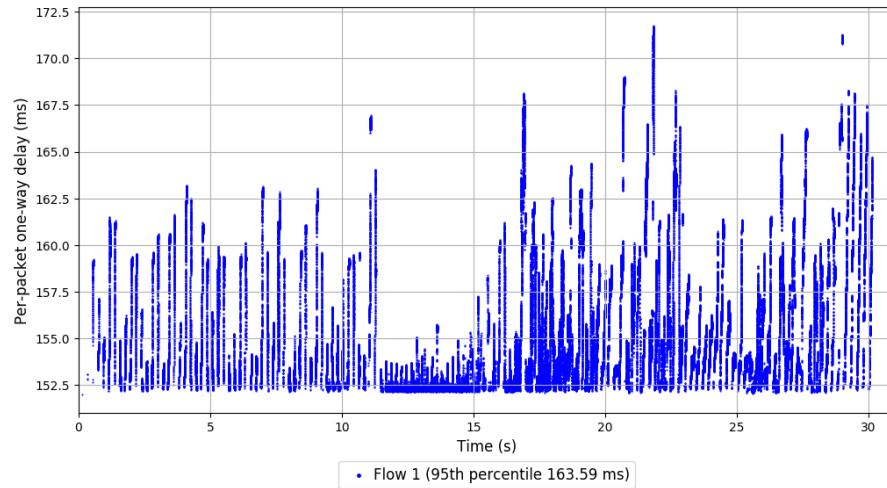
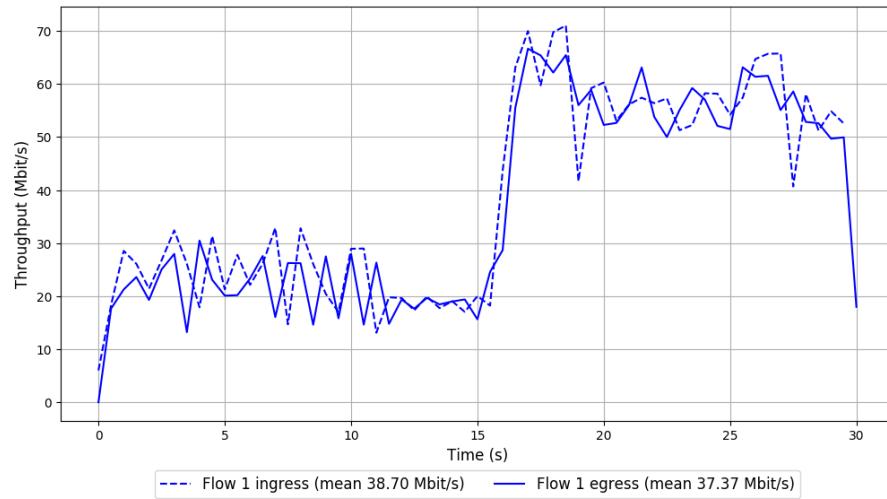


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-04-10 15:46:24
End at: 2018-04-10 15:46:54
Local clock offset: 16.488 ms
Remote clock offset: 1.977 ms

# Below is generated by plot.py at 2018-04-10 17:39:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.37 Mbit/s
95th percentile per-packet one-way delay: 163.589 ms
Loss rate: 3.38%
-- Flow 1:
Average throughput: 37.37 Mbit/s
95th percentile per-packet one-way delay: 163.589 ms
Loss rate: 3.38%
```

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

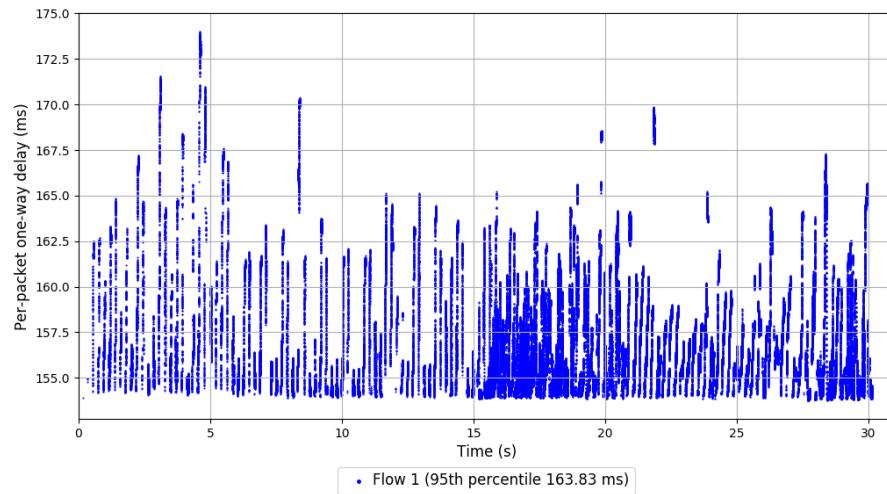
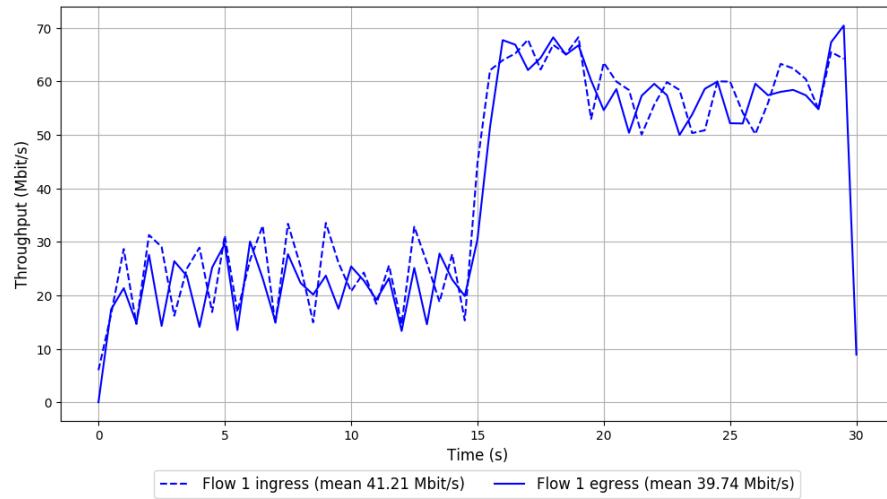


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-04-10 16:08:59
End at: 2018-04-10 16:09:29
Local clock offset: 18.038 ms
Remote clock offset: 21.593 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 163.827 ms
Loss rate: 3.56%
-- Flow 1:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 163.827 ms
Loss rate: 3.56%
```

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

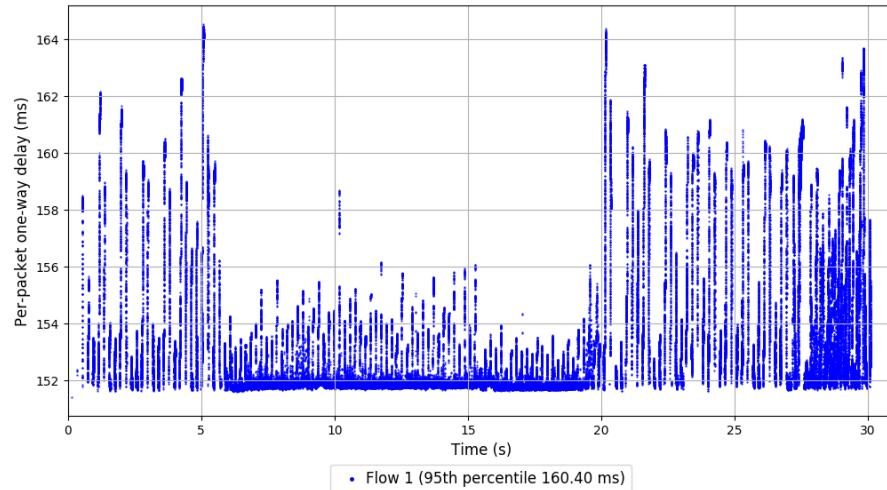
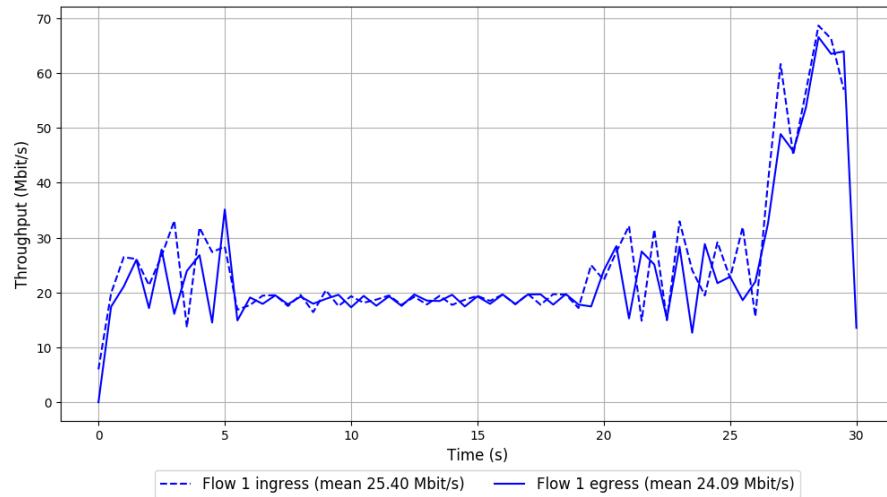


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-04-10 16:32:50
End at: 2018-04-10 16:33:20
Local clock offset: 14.719 ms
Remote clock offset: 10.081 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.09 Mbit/s
95th percentile per-packet one-way delay: 160.395 ms
Loss rate: 5.18%
-- Flow 1:
Average throughput: 24.09 Mbit/s
95th percentile per-packet one-way delay: 160.395 ms
Loss rate: 5.18%
```

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

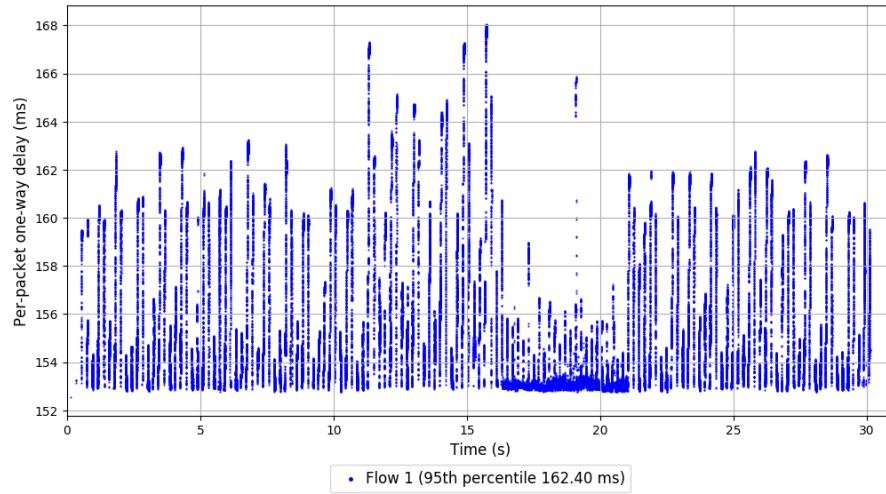
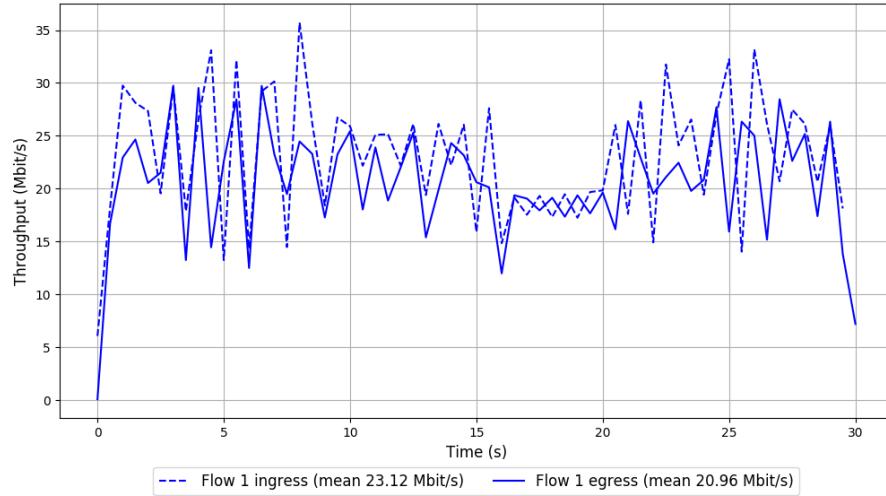


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-04-10 16:55:46
End at: 2018-04-10 16:56:16
Local clock offset: 7.877 ms
Remote clock offset: 3.32 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.96 Mbit/s
95th percentile per-packet one-way delay: 162.398 ms
Loss rate: 9.33%
-- Flow 1:
Average throughput: 20.96 Mbit/s
95th percentile per-packet one-way delay: 162.398 ms
Loss rate: 9.33%
```

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

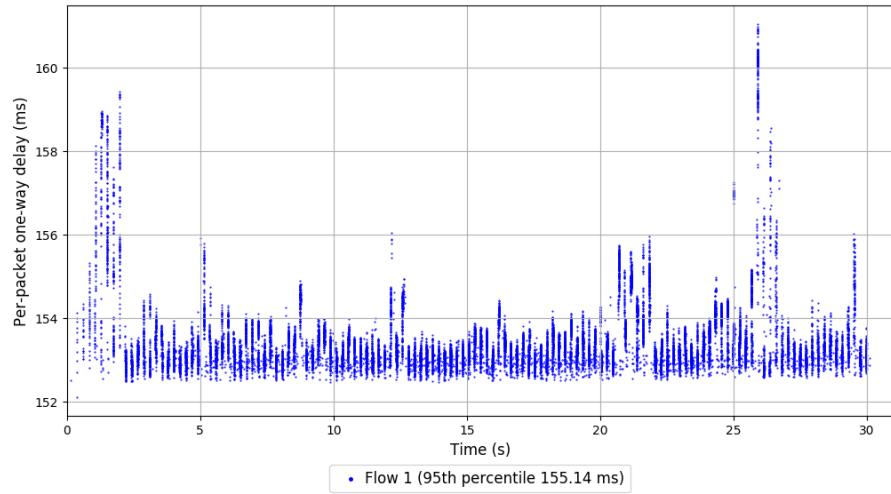
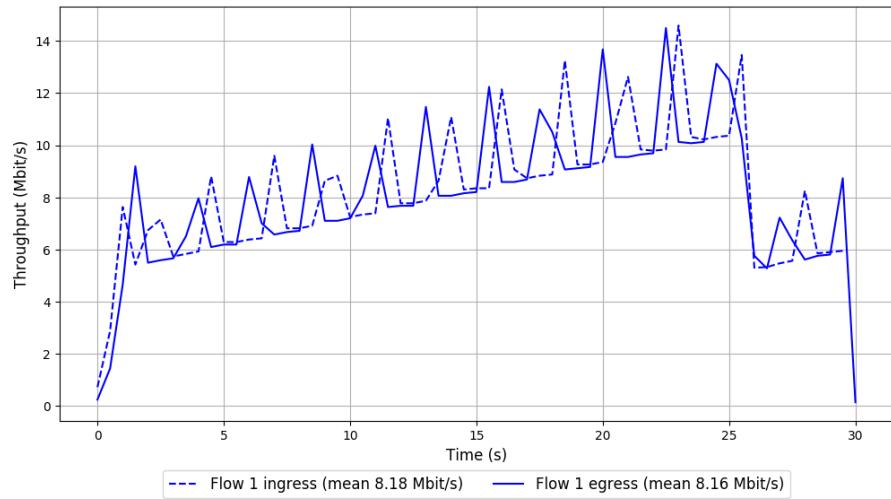


Run 1: Statistics of TCP Vegas

```
Start at: 2018-04-10 13:14:21
End at: 2018-04-10 13:14:52
Local clock offset: 19.553 ms
Remote clock offset: 3.427 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.16 Mbit/s
95th percentile per-packet one-way delay: 155.138 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 8.16 Mbit/s
95th percentile per-packet one-way delay: 155.138 ms
Loss rate: 0.28%
```

Run 1: Report of TCP Vegas — Data Link

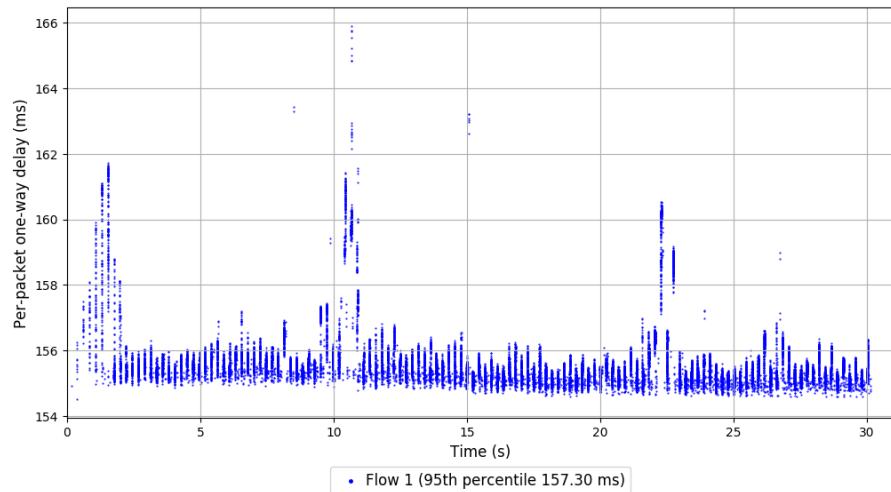
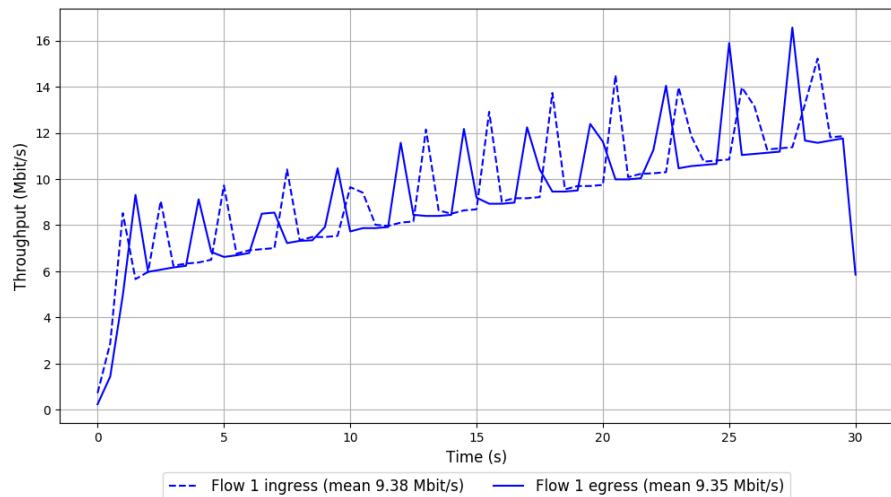


Run 2: Statistics of TCP Vegas

```
Start at: 2018-04-10 13:39:41
End at: 2018-04-10 13:40:11
Local clock offset: 14.699 ms
Remote clock offset: 13.968 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.35 Mbit/s
95th percentile per-packet one-way delay: 157.298 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 9.35 Mbit/s
95th percentile per-packet one-way delay: 157.298 ms
Loss rate: 0.32%
```

## Run 2: Report of TCP Vegas — Data Link

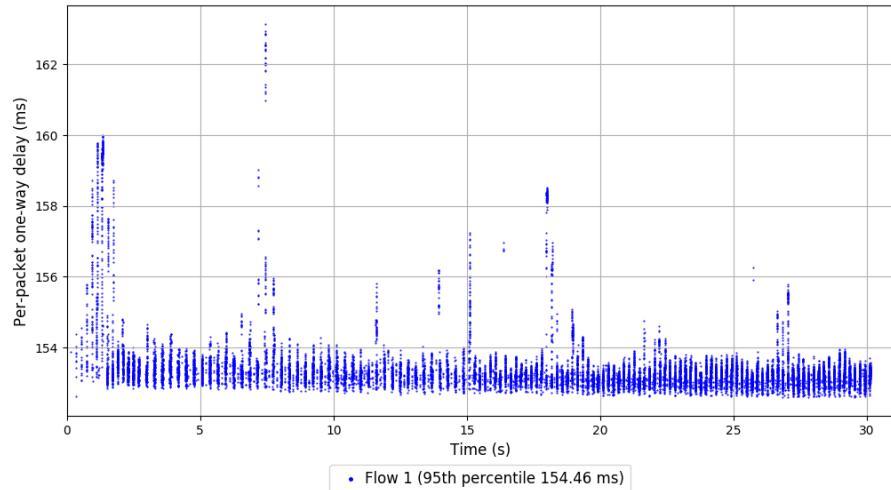
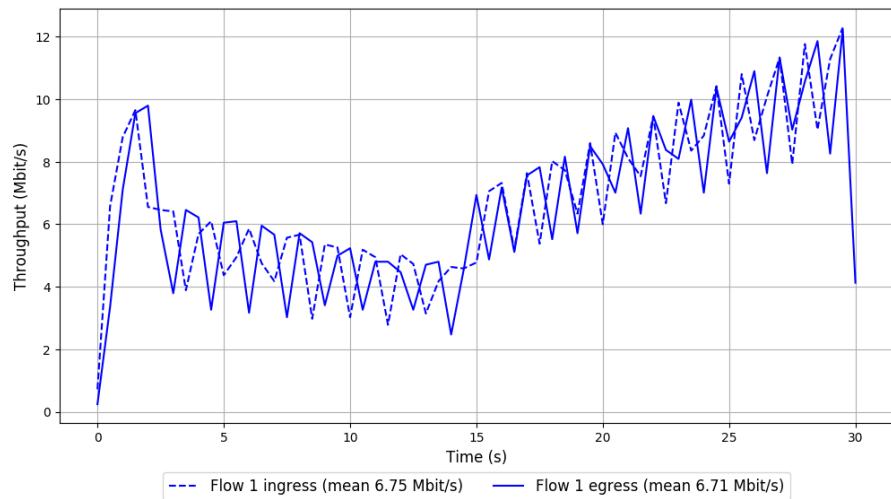


Run 3: Statistics of TCP Vegas

```
Start at: 2018-04-10 14:03:47
End at: 2018-04-10 14:04:17
Local clock offset: 15.347 ms
Remote clock offset: 28.447 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.71 Mbit/s
95th percentile per-packet one-way delay: 154.459 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 6.71 Mbit/s
95th percentile per-packet one-way delay: 154.459 ms
Loss rate: 0.55%
```

### Run 3: Report of TCP Vegas — Data Link

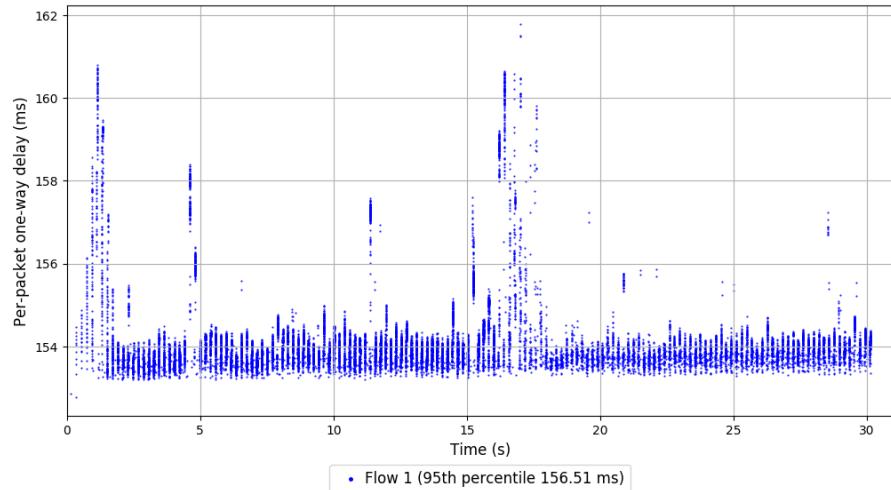
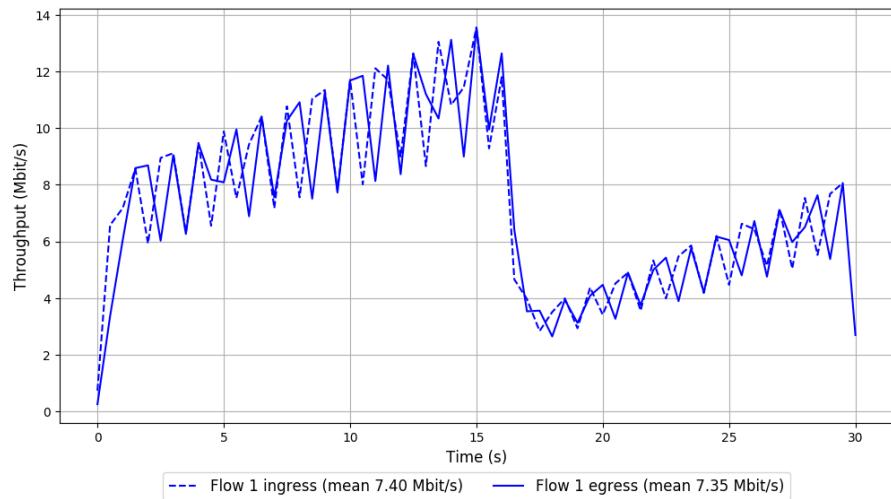


Run 4: Statistics of TCP Vegas

```
Start at: 2018-04-10 14:28:15
End at: 2018-04-10 14:28:45
Local clock offset: 15.932 ms
Remote clock offset: 0.361 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.35 Mbit/s
95th percentile per-packet one-way delay: 156.512 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 7.35 Mbit/s
95th percentile per-packet one-way delay: 156.512 ms
Loss rate: 0.56%
```

## Run 4: Report of TCP Vegas — Data Link

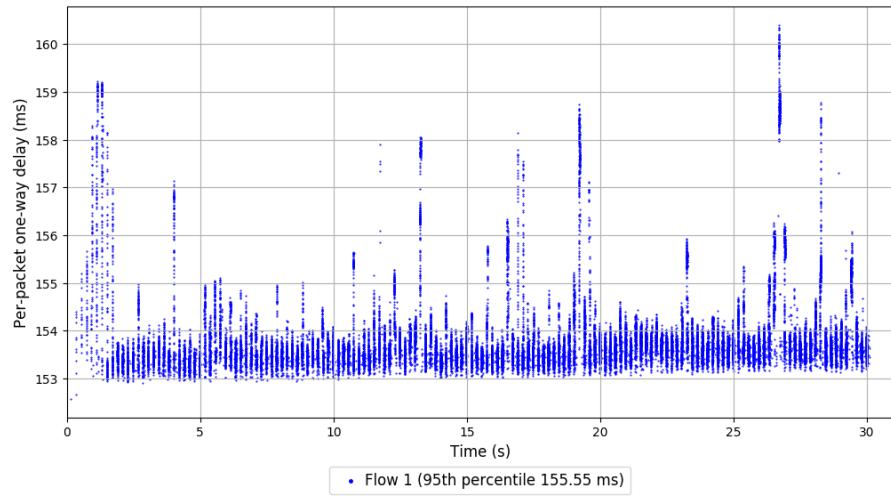
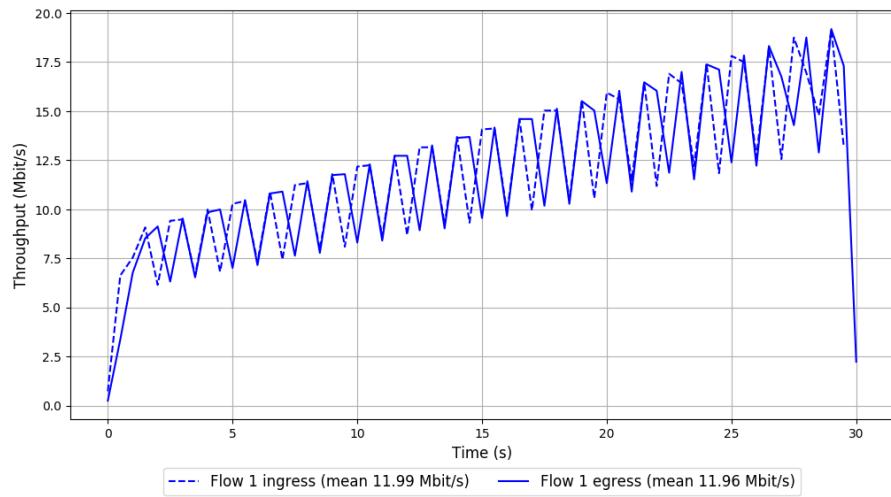


Run 5: Statistics of TCP Vegas

```
Start at: 2018-04-10 14:52:07
End at: 2018-04-10 14:52:37
Local clock offset: 20.484 ms
Remote clock offset: 1.263 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 155.547 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 155.547 ms
Loss rate: 0.28%
```

### Run 5: Report of TCP Vegas — Data Link

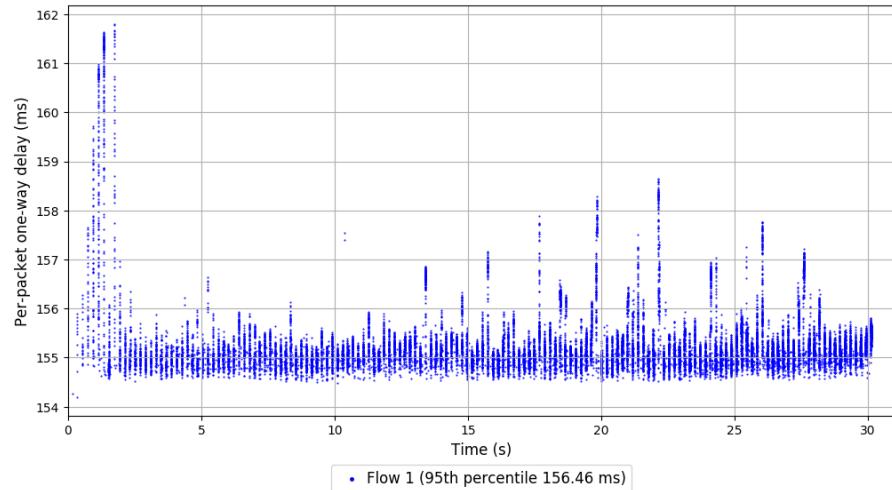
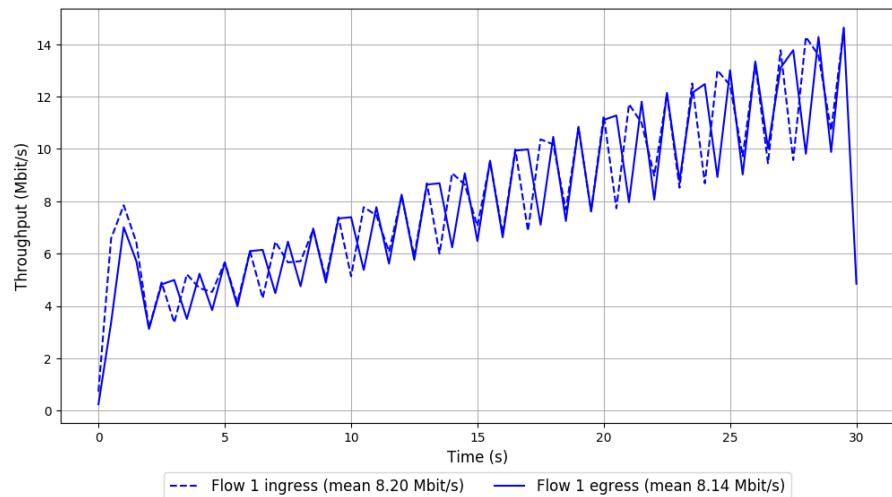


Run 6: Statistics of TCP Vegas

```
Start at: 2018-04-10 15:16:52
End at: 2018-04-10 15:17:22
Local clock offset: 27.455 ms
Remote clock offset: 2.188 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 156.456 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 156.456 ms
Loss rate: 0.75%
```

Run 6: Report of TCP Vegas — Data Link

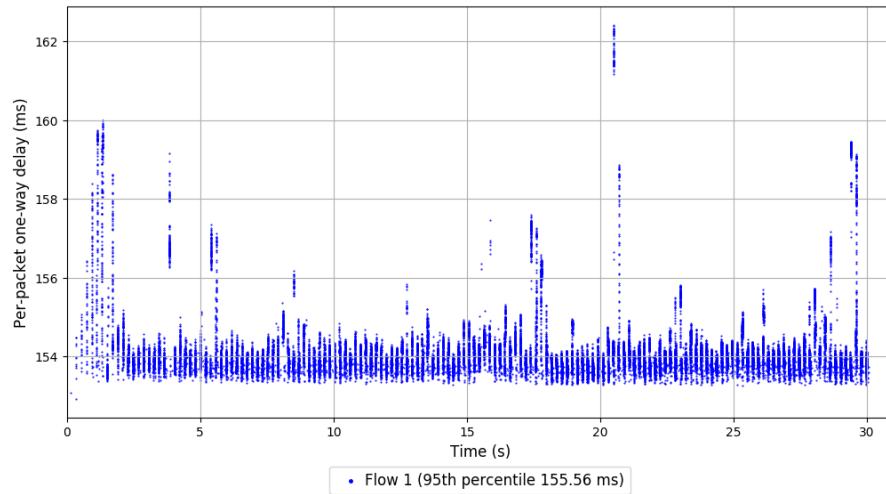
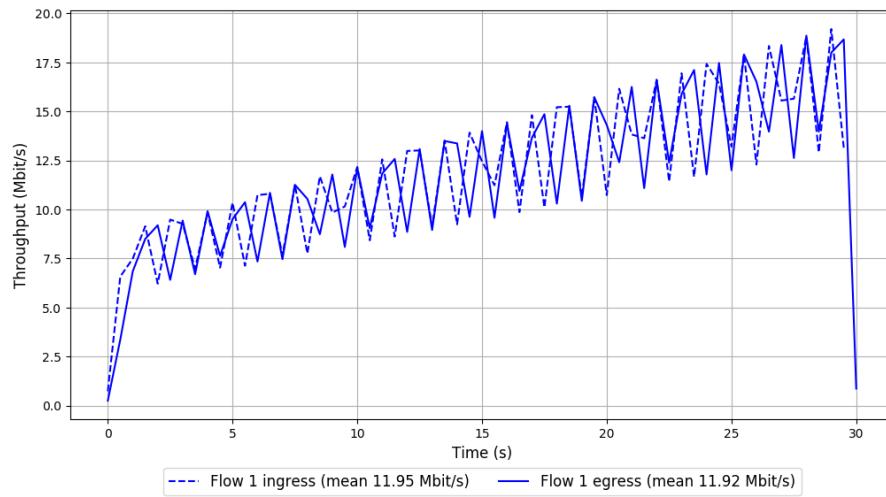


Run 7: Statistics of TCP Vegas

```
Start at: 2018-04-10 15:40:05
End at: 2018-04-10 15:40:35
Local clock offset: 17.642 ms
Remote clock offset: 1.97 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.92 Mbit/s
95th percentile per-packet one-way delay: 155.557 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 11.92 Mbit/s
95th percentile per-packet one-way delay: 155.557 ms
Loss rate: 0.27%
```

### Run 7: Report of TCP Vegas — Data Link

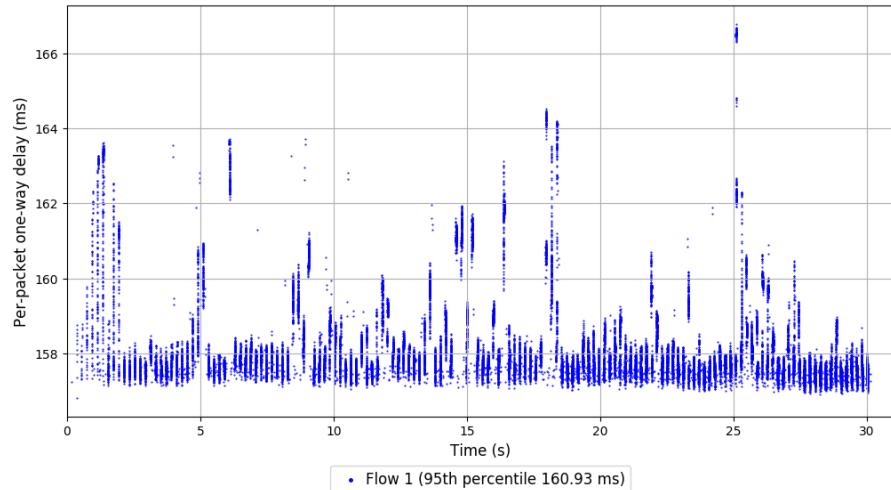
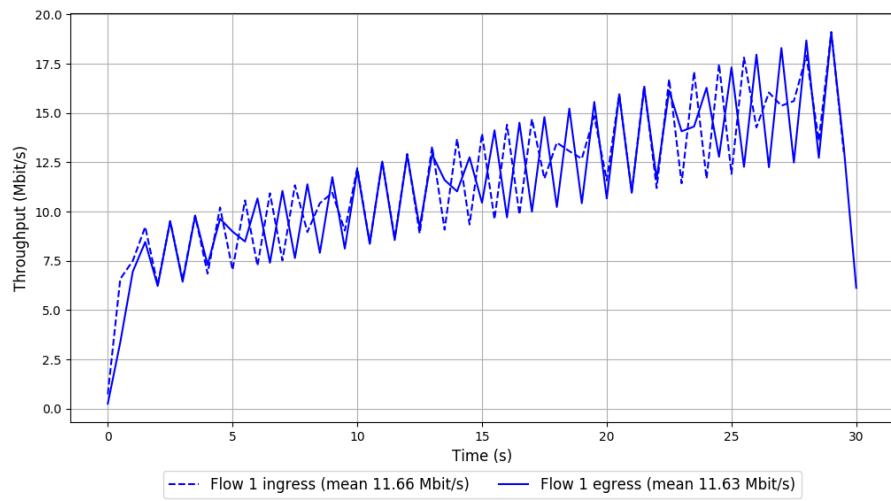


Run 8: Statistics of TCP Vegas

```
Start at: 2018-04-10 16:02:41
End at: 2018-04-10 16:03:11
Local clock offset: 17.395 ms
Remote clock offset: 18.255 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.63 Mbit/s
95th percentile per-packet one-way delay: 160.926 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 11.63 Mbit/s
95th percentile per-packet one-way delay: 160.926 ms
Loss rate: 0.27%
```

### Run 8: Report of TCP Vegas — Data Link

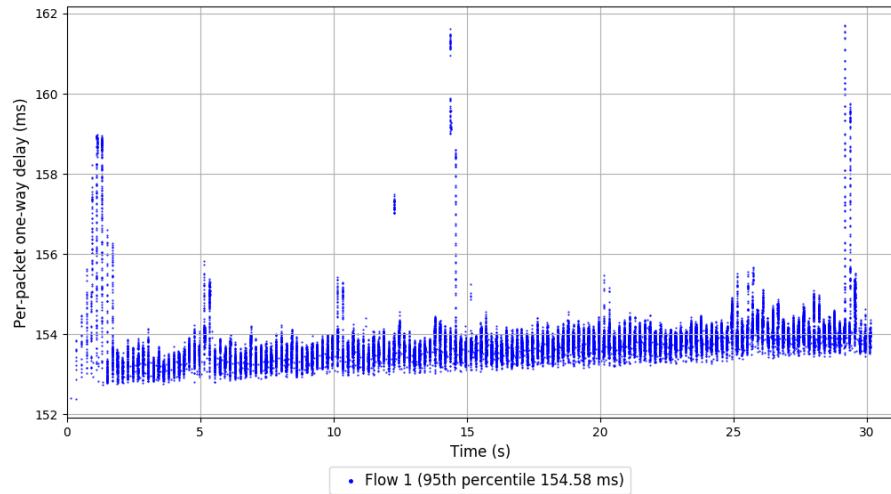
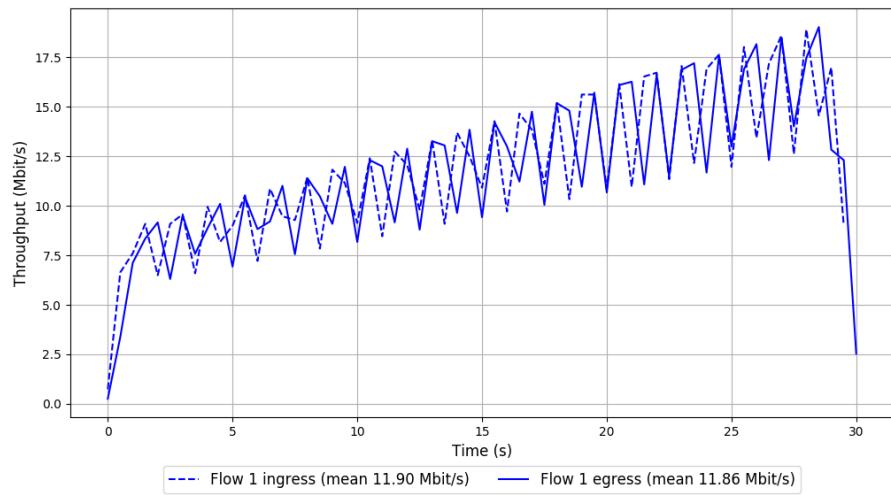


Run 9: Statistics of TCP Vegas

```
Start at: 2018-04-10 16:26:30
End at: 2018-04-10 16:27:00
Local clock offset: 17.848 ms
Remote clock offset: 17.347 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.86 Mbit/s
95th percentile per-packet one-way delay: 154.581 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 11.86 Mbit/s
95th percentile per-packet one-way delay: 154.581 ms
Loss rate: 0.29%
```

Run 9: Report of TCP Vegas — Data Link

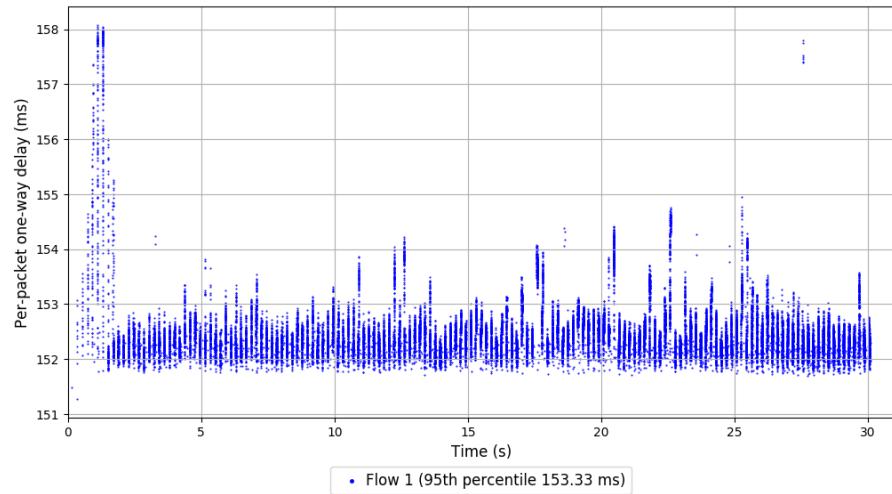
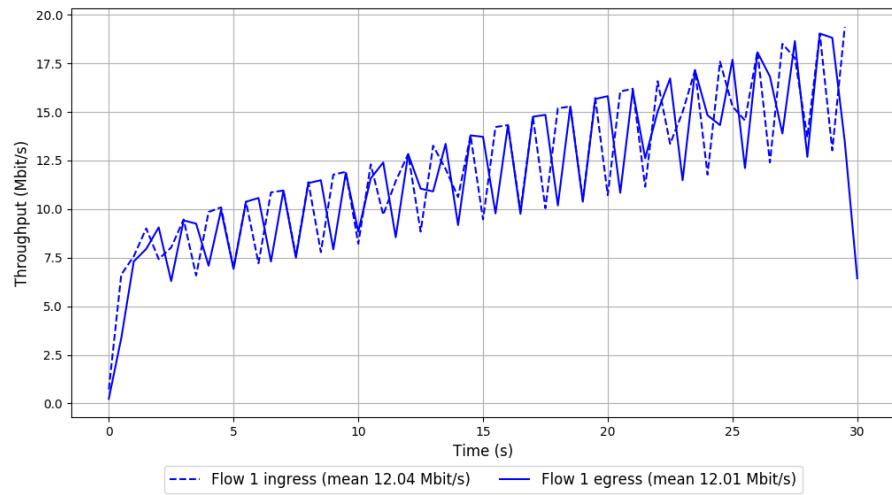


Run 10: Statistics of TCP Vegas

```
Start at: 2018-04-10 16:49:27
End at: 2018-04-10 16:49:57
Local clock offset: 8.967 ms
Remote clock offset: 4.068 ms

# Below is generated by plot.py at 2018-04-10 17:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.01 Mbit/s
95th percentile per-packet one-way delay: 153.330 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 12.01 Mbit/s
95th percentile per-packet one-way delay: 153.330 ms
Loss rate: 0.28%
```

Run 10: Report of TCP Vegas — Data Link

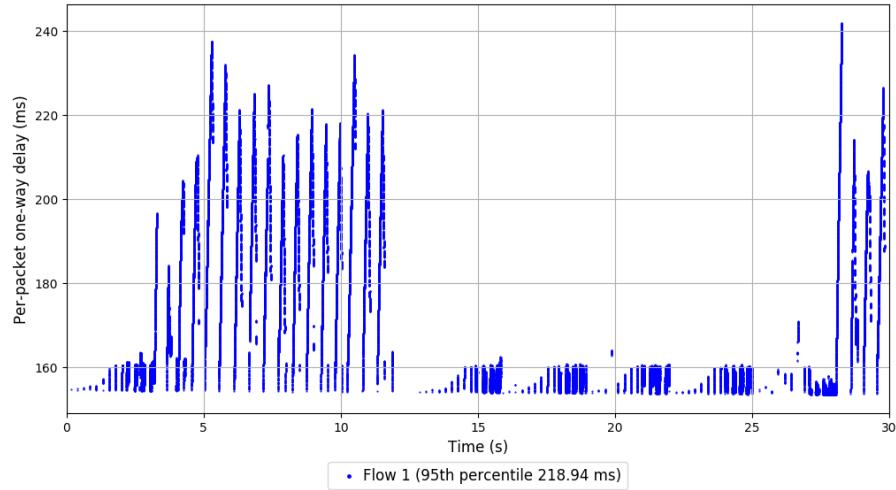
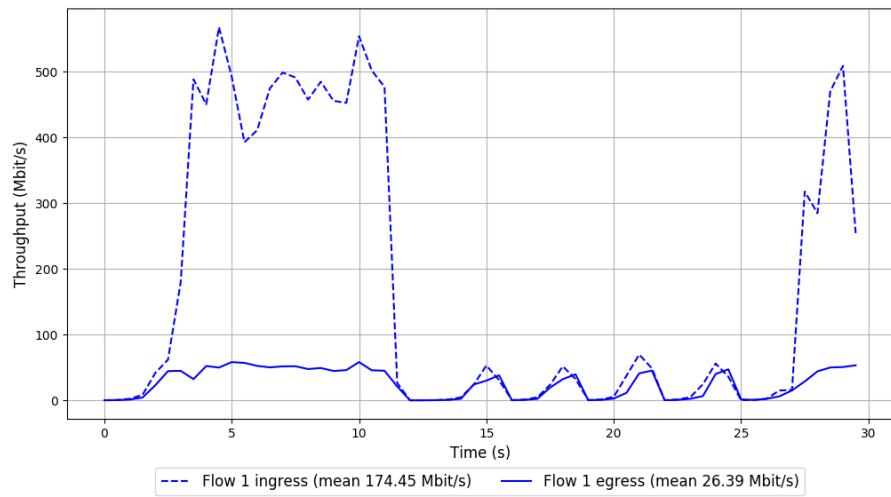


Run 1: Statistics of Verus

```
Start at: 2018-04-10 13:34:16
End at: 2018-04-10 13:34:46
Local clock offset: 15.126 ms
Remote clock offset: 5.824 ms

# Below is generated by plot.py at 2018-04-10 17:40:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.39 Mbit/s
95th percentile per-packet one-way delay: 218.936 ms
Loss rate: 84.85%
-- Flow 1:
Average throughput: 26.39 Mbit/s
95th percentile per-packet one-way delay: 218.936 ms
Loss rate: 84.85%
```

Run 1: Report of Verus — Data Link

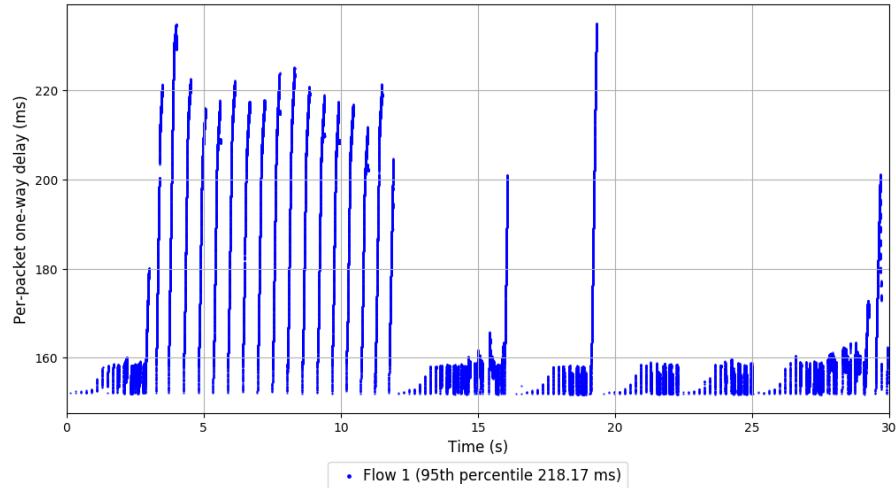
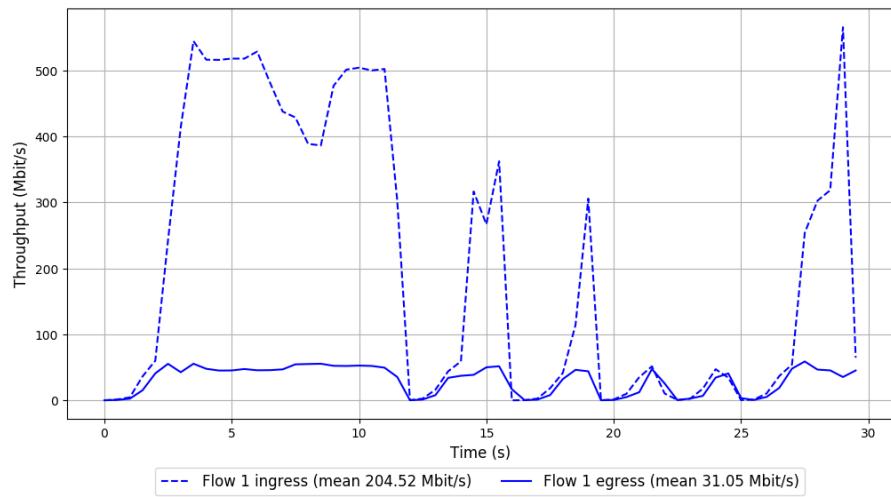


Run 2: Statistics of Verus

```
Start at: 2018-04-10 13:58:27
End at: 2018-04-10 13:58:57
Local clock offset: 15.856 ms
Remote clock offset: 26.397 ms

# Below is generated by plot.py at 2018-04-10 17:40:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.05 Mbit/s
95th percentile per-packet one-way delay: 218.166 ms
Loss rate: 84.81%
-- Flow 1:
Average throughput: 31.05 Mbit/s
95th percentile per-packet one-way delay: 218.166 ms
Loss rate: 84.81%
```

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

/home/ubuntu/pantheon\_data/2018-04-10T13-13-AWS-Korea-to-China-10-runs/verus\_stats\_run3.log

Run 3: Report of Verus — Data Link

Figure is missing

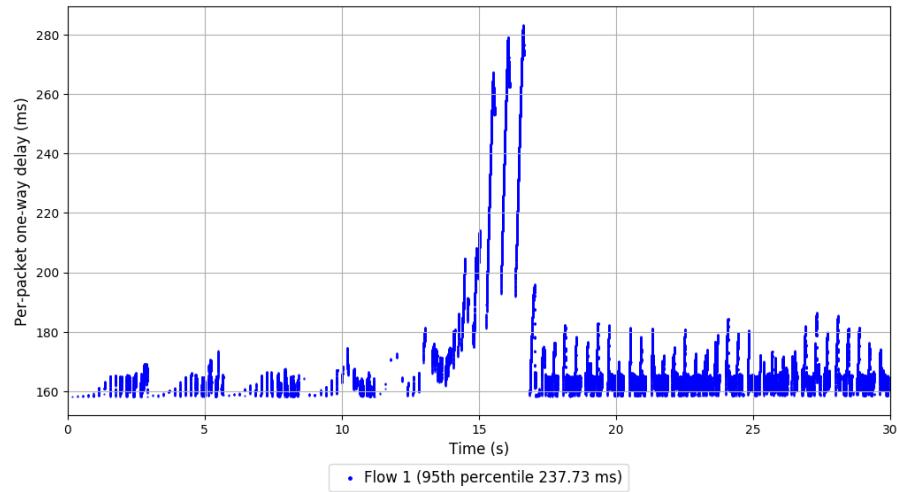
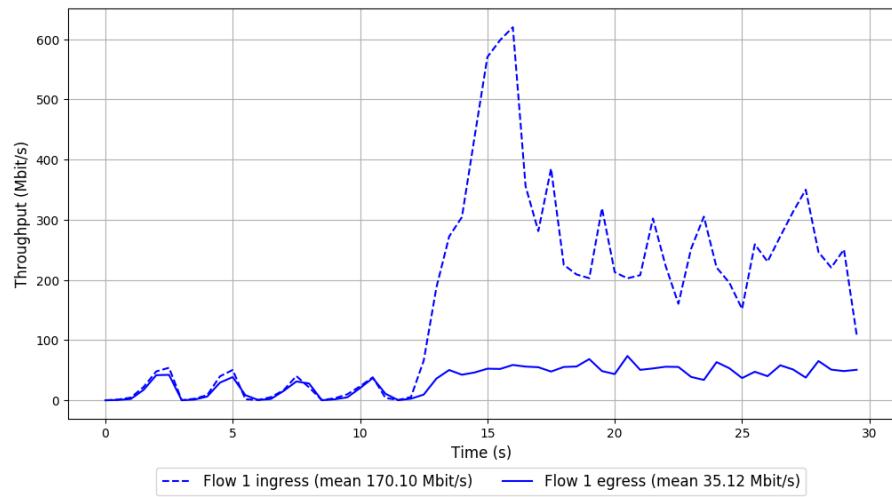
Figure is missing

Run 4: Statistics of Verus

```
Start at: 2018-04-10 14:46:47
End at: 2018-04-10 14:47:17
Local clock offset: 15.878 ms
Remote clock offset: 0.35 ms

# Below is generated by plot.py at 2018-04-10 17:40:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 237.732 ms
Loss rate: 79.35%
-- Flow 1:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 237.732 ms
Loss rate: 79.35%
```

## Run 4: Report of Verus — Data Link

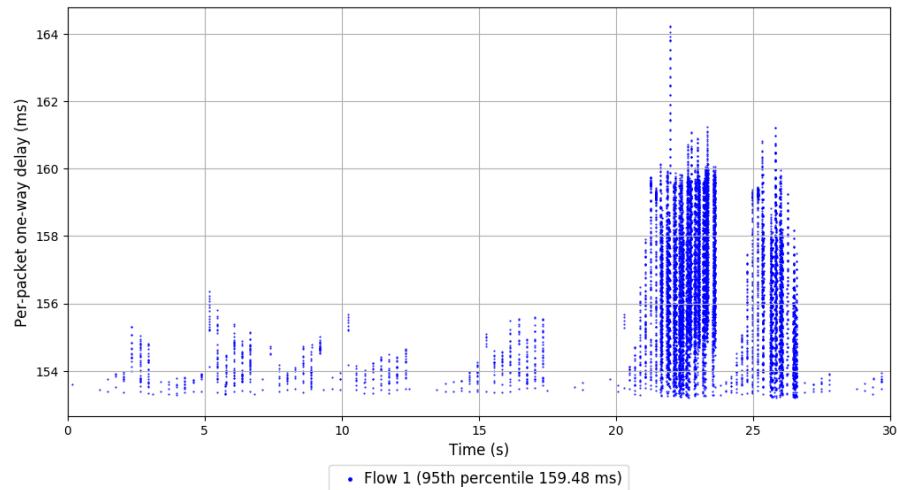
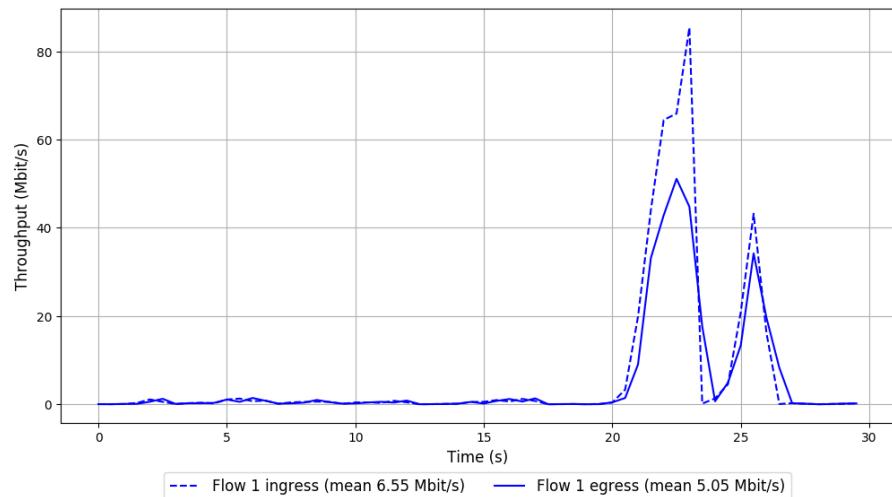


Run 5: Statistics of Verus

```
Start at: 2018-04-10 15:10:40
End at: 2018-04-10 15:11:10
Local clock offset: 26.702 ms
Remote clock offset: 2.186 ms

# Below is generated by plot.py at 2018-04-10 17:40:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.05 Mbit/s
95th percentile per-packet one-way delay: 159.477 ms
Loss rate: 22.85%
-- Flow 1:
Average throughput: 5.05 Mbit/s
95th percentile per-packet one-way delay: 159.477 ms
Loss rate: 22.85%
```

Run 5: Report of Verus — Data Link

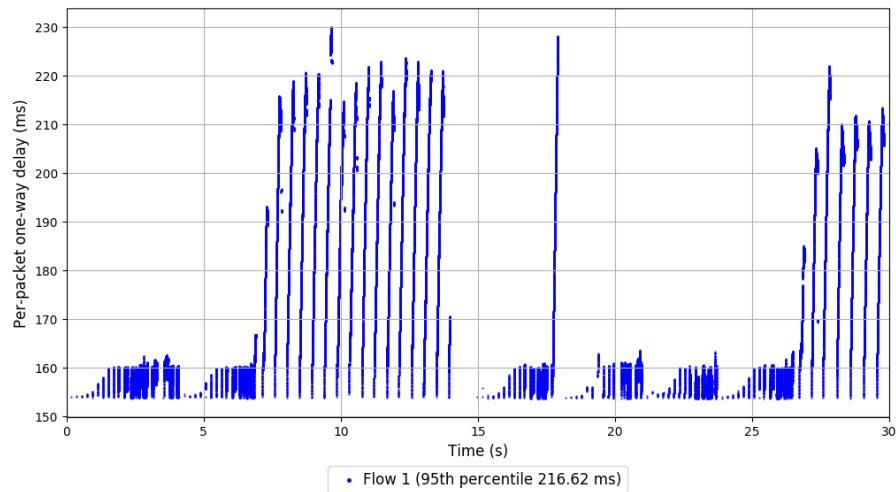
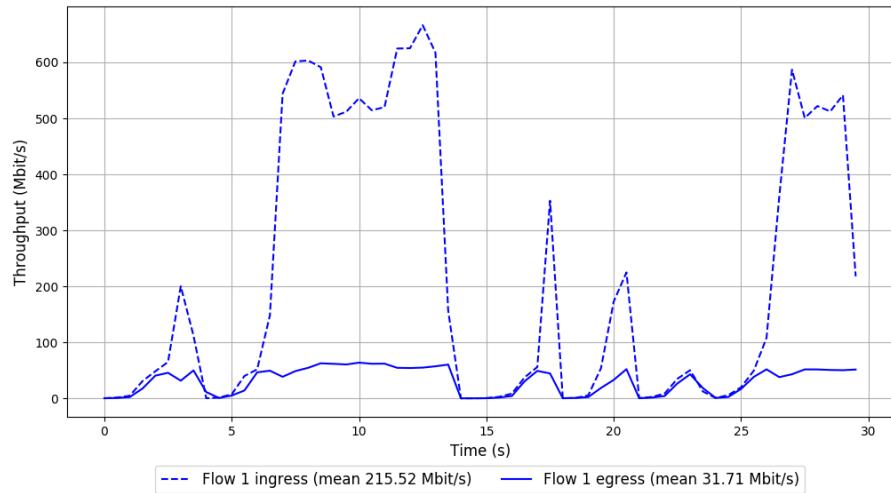


Run 6: Statistics of Verus

```
Start at: 2018-04-10 15:35:00
End at: 2018-04-10 15:35:30
Local clock offset: 18.961 ms
Remote clock offset: 2.051 ms

# Below is generated by plot.py at 2018-04-10 17:40:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 216.618 ms
Loss rate: 85.26%
-- Flow 1:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 216.618 ms
Loss rate: 85.26%
```

## Run 6: Report of Verus — Data Link

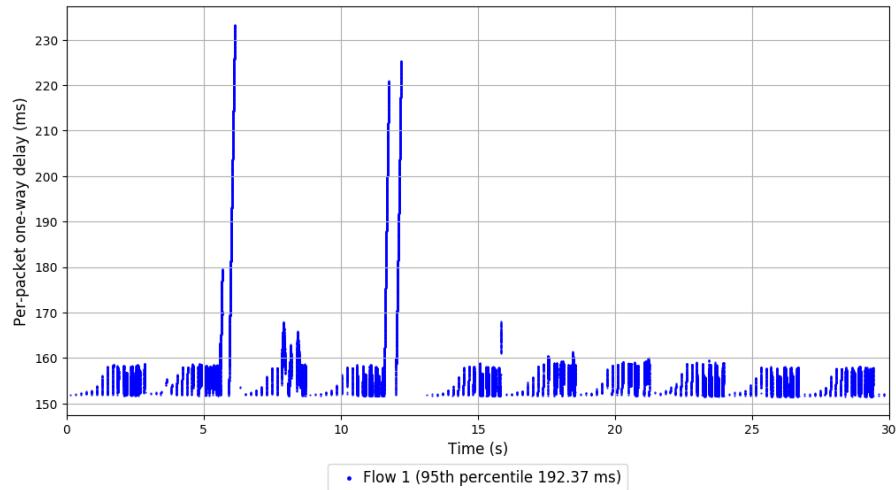
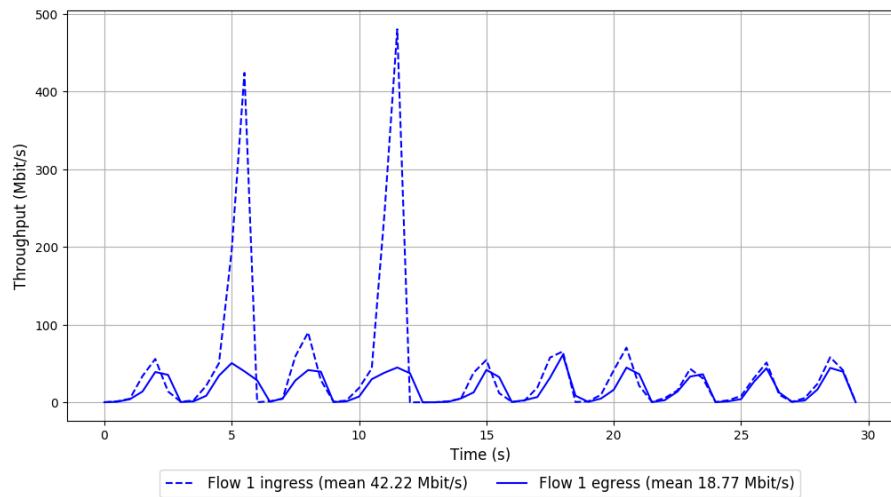


Run 7: Statistics of Verus

```
Start at: 2018-04-10 15:57:40
End at: 2018-04-10 15:58:10
Local clock offset: 16.19 ms
Remote clock offset: 14.675 ms

# Below is generated by plot.py at 2018-04-10 17:40:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.77 Mbit/s
95th percentile per-packet one-way delay: 192.371 ms
Loss rate: 55.55%
-- Flow 1:
Average throughput: 18.77 Mbit/s
95th percentile per-packet one-way delay: 192.371 ms
Loss rate: 55.55%
```

### Run 7: Report of Verus — Data Link

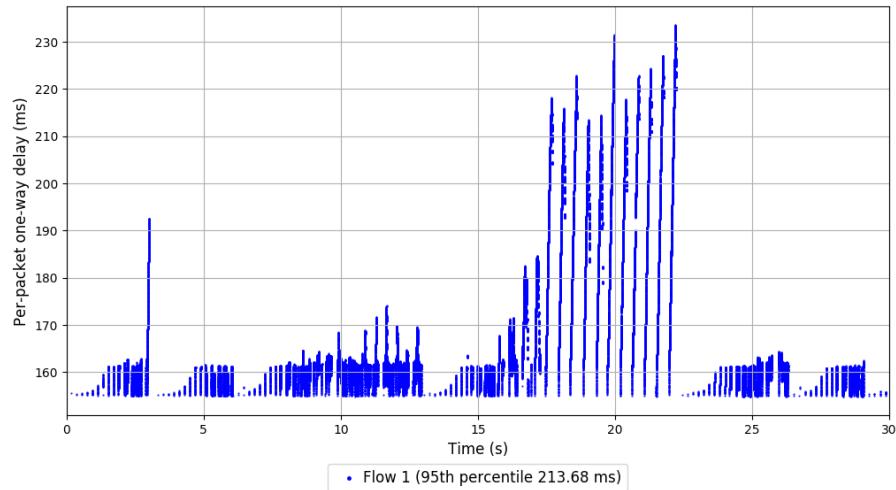
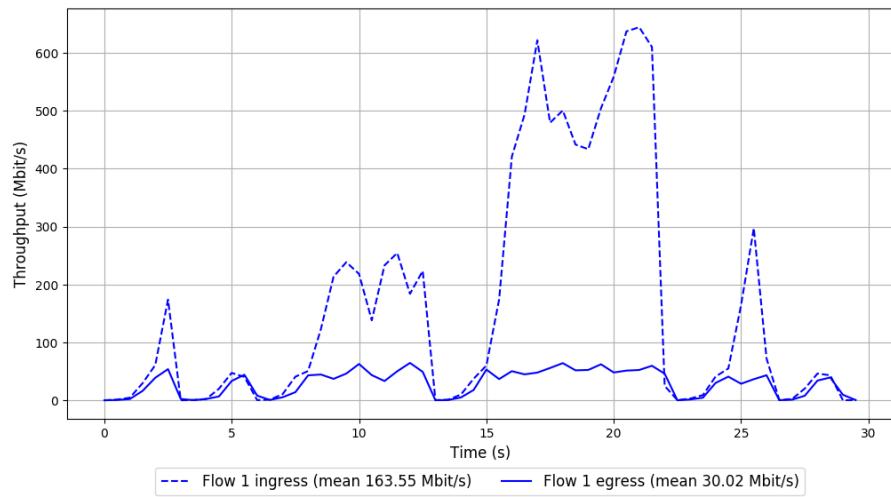


Run 8: Statistics of Verus

```
Start at: 2018-04-10 16:21:10
End at: 2018-04-10 16:21:40
Local clock offset: 17.935 ms
Remote clock offset: 26.372 ms

# Below is generated by plot.py at 2018-04-10 17:40:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.02 Mbit/s
95th percentile per-packet one-way delay: 213.682 ms
Loss rate: 81.64%
-- Flow 1:
Average throughput: 30.02 Mbit/s
95th percentile per-packet one-way delay: 213.682 ms
Loss rate: 81.64%
```

## Run 8: Report of Verus — Data Link

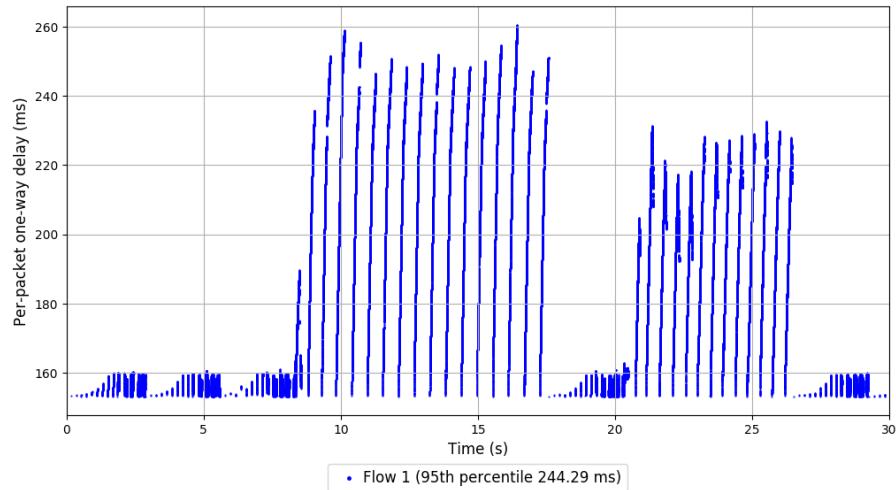
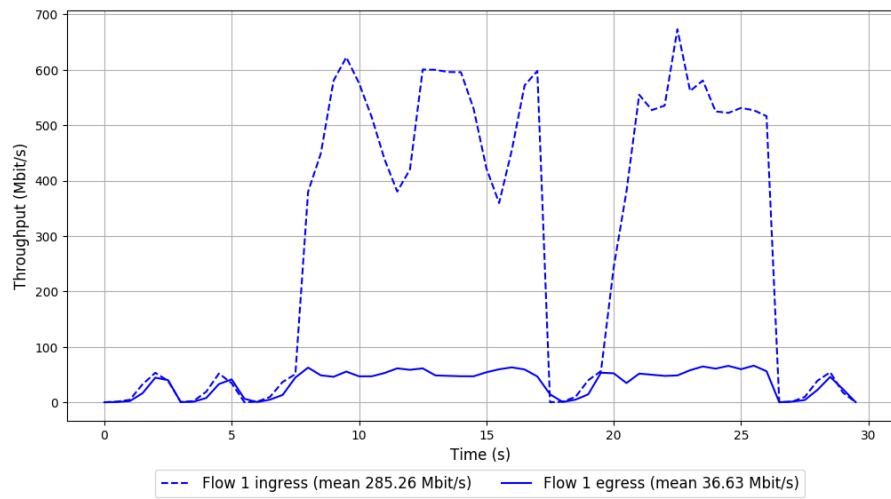


Run 9: Statistics of Verus

```
Start at: 2018-04-10 16:44:05
End at: 2018-04-10 16:44:35
Local clock offset: 10.289 ms
Remote clock offset: 4.956 ms

# Below is generated by plot.py at 2018-04-10 17:41:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 244.288 ms
Loss rate: 87.16%
-- Flow 1:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 244.288 ms
Loss rate: 87.16%
```

### Run 9: Report of Verus — Data Link

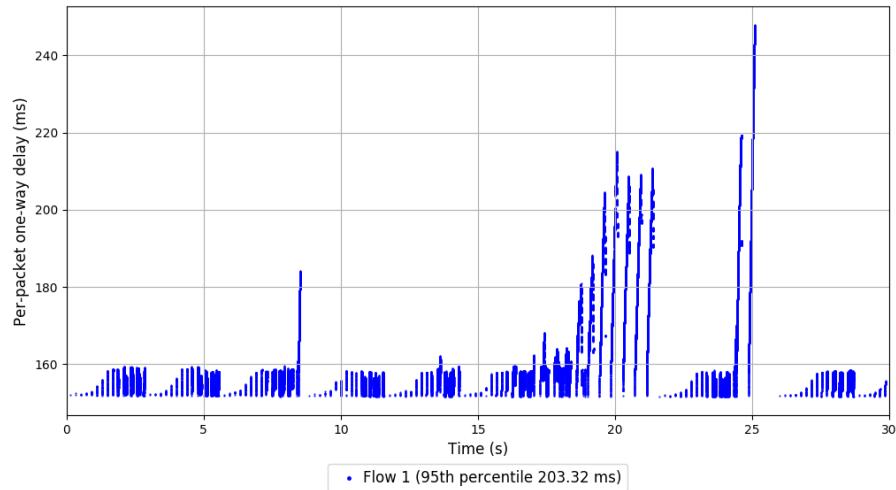
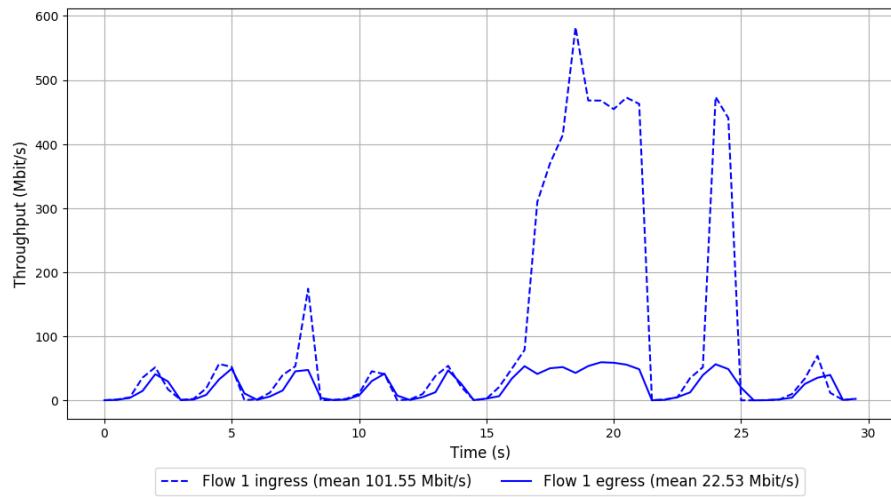


Run 10: Statistics of Verus

```
Start at: 2018-04-10 17:07:01
End at: 2018-04-10 17:07:31
Local clock offset: 3.933 ms
Remote clock offset: 0.62 ms

# Below is generated by plot.py at 2018-04-10 17:41:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.53 Mbit/s
95th percentile per-packet one-way delay: 203.322 ms
Loss rate: 77.82%
-- Flow 1:
Average throughput: 22.53 Mbit/s
95th percentile per-packet one-way delay: 203.322 ms
Loss rate: 77.82%
```

## Run 10: Report of Verus — Data Link

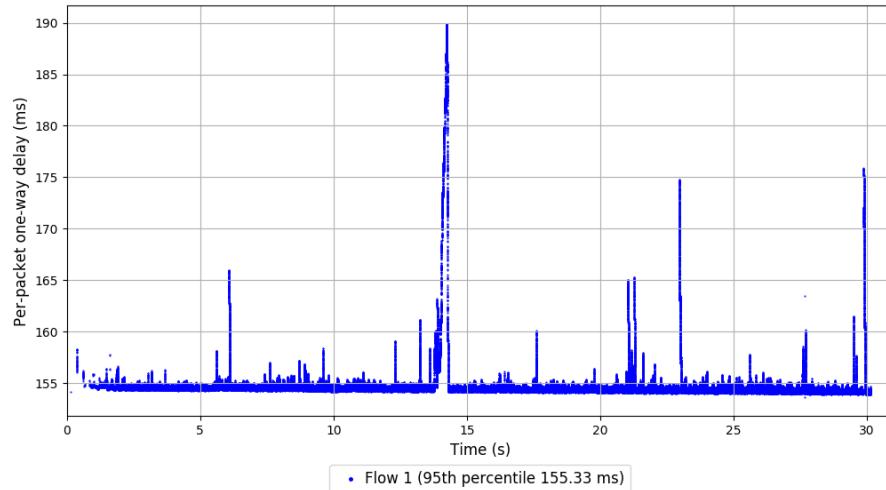
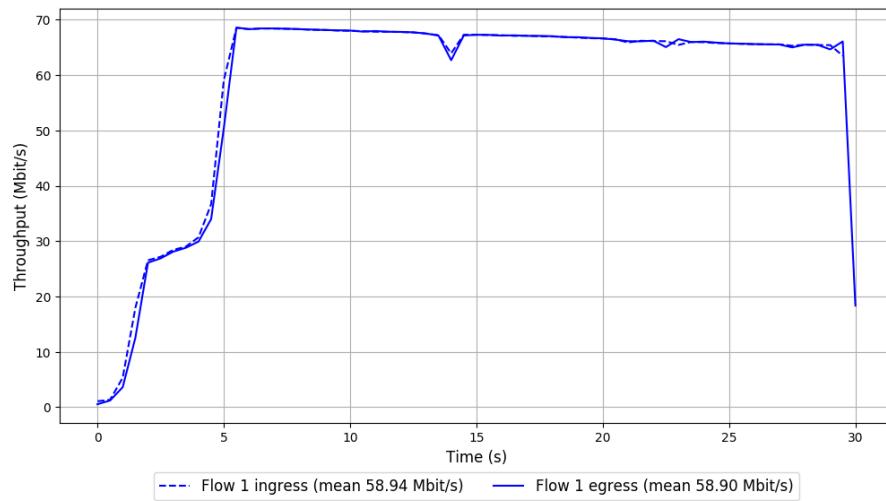


Run 1: Statistics of Copa

```
Start at: 2018-04-10 13:38:17
End at: 2018-04-10 13:38:47
Local clock offset: 14.194 ms
Remote clock offset: 12.285 ms

# Below is generated by plot.py at 2018-04-10 17:41:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.90 Mbit/s
95th percentile per-packet one-way delay: 155.330 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 58.90 Mbit/s
95th percentile per-packet one-way delay: 155.330 ms
Loss rate: 0.05%
```

### Run 1: Report of Copa — Data Link

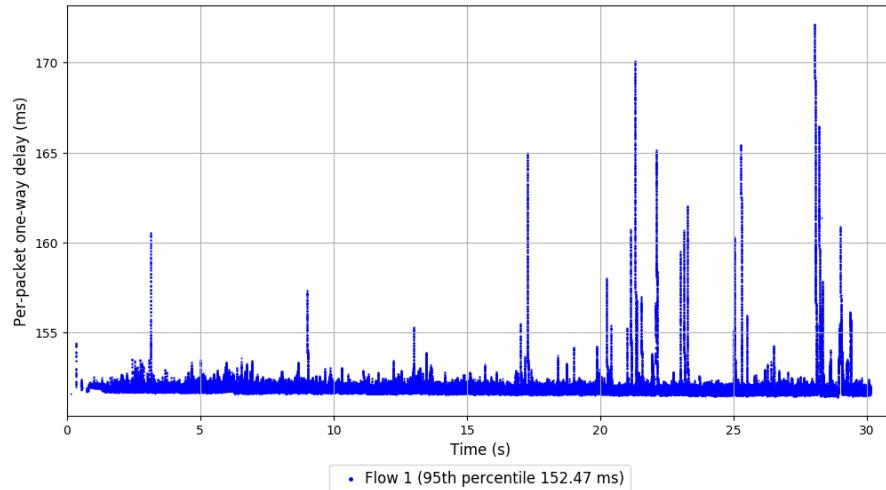
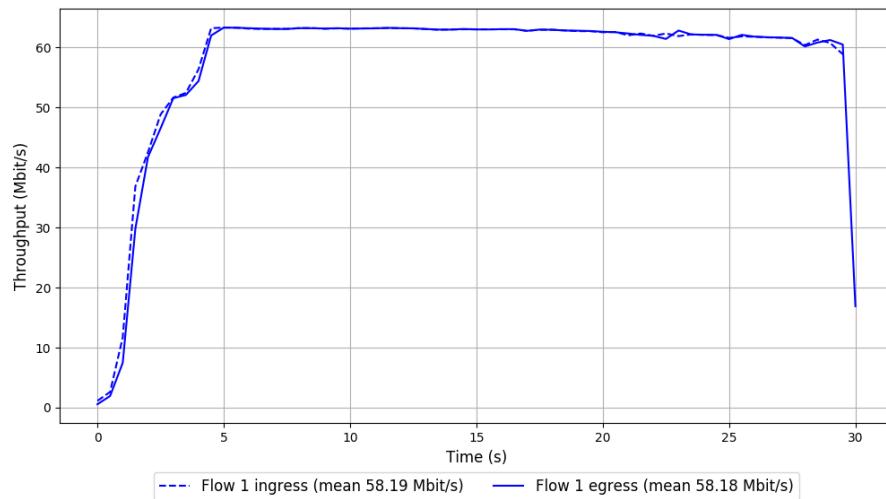


Run 2: Statistics of Copa

```
Start at: 2018-04-10 14:02:26
End at: 2018-04-10 14:02:56
Local clock offset: 15.327 ms
Remote clock offset: 27.73 ms

# Below is generated by plot.py at 2018-04-10 17:42:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.18 Mbit/s
95th percentile per-packet one-way delay: 152.469 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 58.18 Mbit/s
95th percentile per-packet one-way delay: 152.469 ms
Loss rate: 0.01%
```

## Run 2: Report of Copa — Data Link

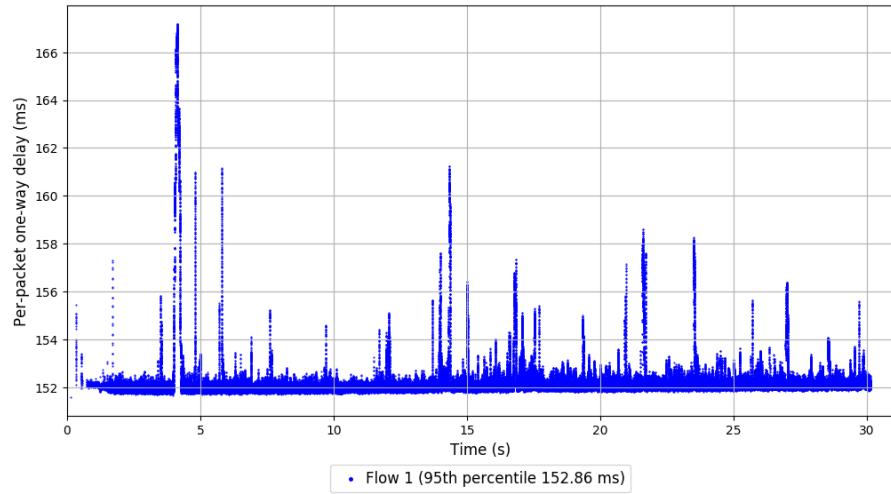
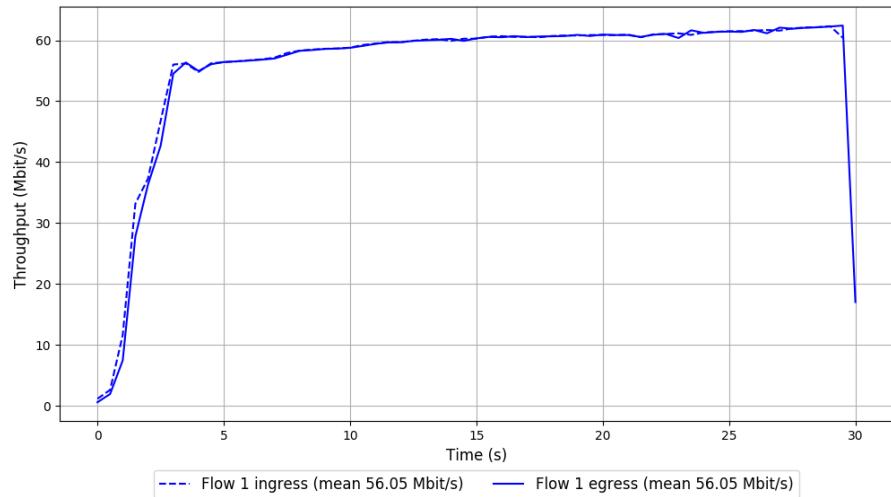


Run 3: Statistics of Copa

```
Start at: 2018-04-10 14:26:53
End at: 2018-04-10 14:27:23
Local clock offset: 15.938 ms
Remote clock offset: 0.884 ms

# Below is generated by plot.py at 2018-04-10 17:42:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.05 Mbit/s
95th percentile per-packet one-way delay: 152.860 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.05 Mbit/s
95th percentile per-packet one-way delay: 152.860 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

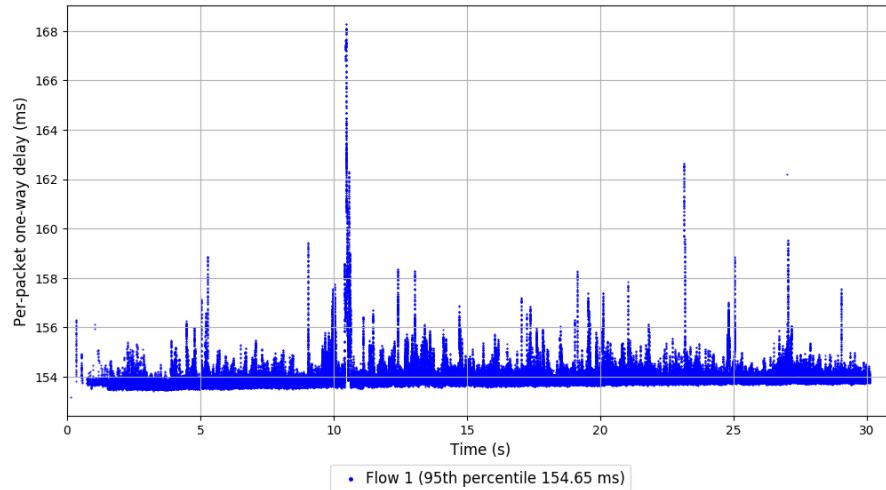
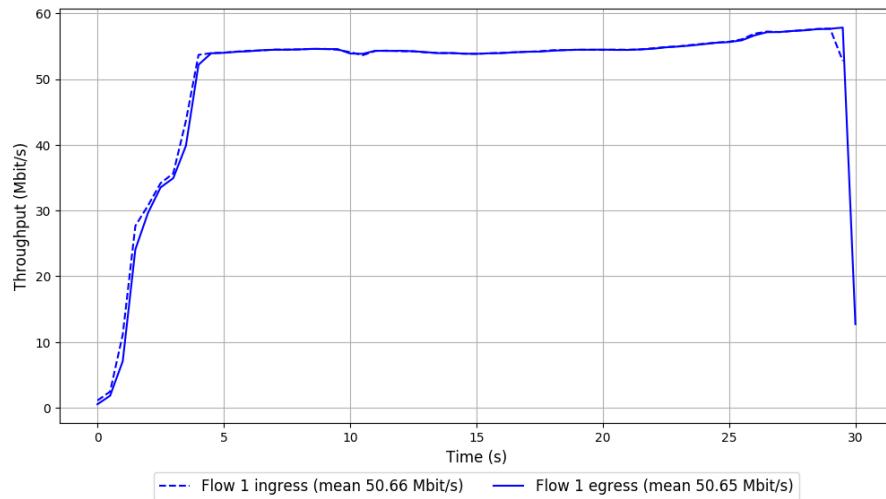


Run 4: Statistics of Copa

```
Start at: 2018-04-10 14:50:45
End at: 2018-04-10 14:51:16
Local clock offset: 19.708 ms
Remote clock offset: 1.069 ms

# Below is generated by plot.py at 2018-04-10 17:42:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.65 Mbit/s
95th percentile per-packet one-way delay: 154.654 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.65 Mbit/s
95th percentile per-packet one-way delay: 154.654 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

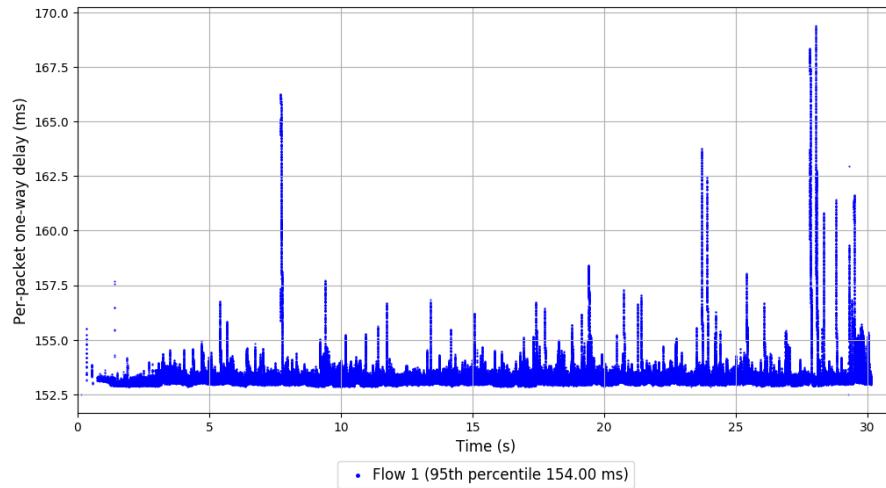
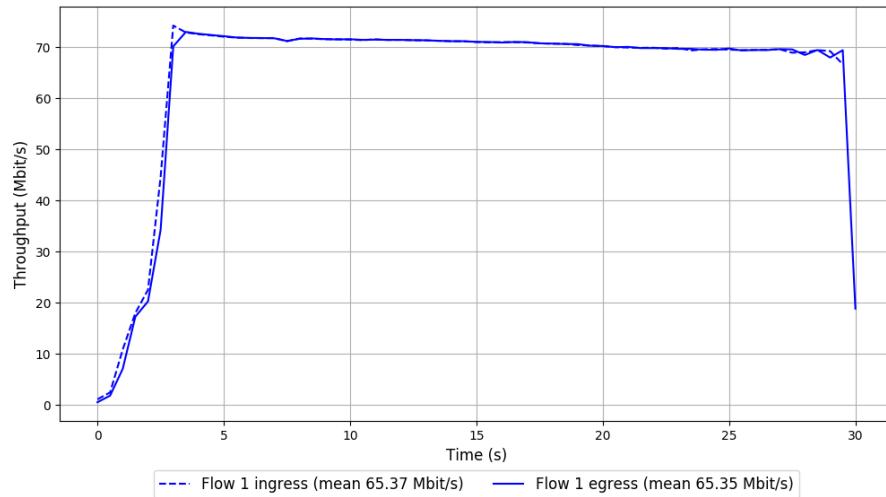


Run 5: Statistics of Copa

```
Start at: 2018-04-10 15:15:33
End at: 2018-04-10 15:16:03
Local clock offset: 27.147 ms
Remote clock offset: 2.21 ms

# Below is generated by plot.py at 2018-04-10 17:42:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.35 Mbit/s
95th percentile per-packet one-way delay: 153.998 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 65.35 Mbit/s
95th percentile per-packet one-way delay: 153.998 ms
Loss rate: 0.02%
```

### Run 5: Report of Copa — Data Link

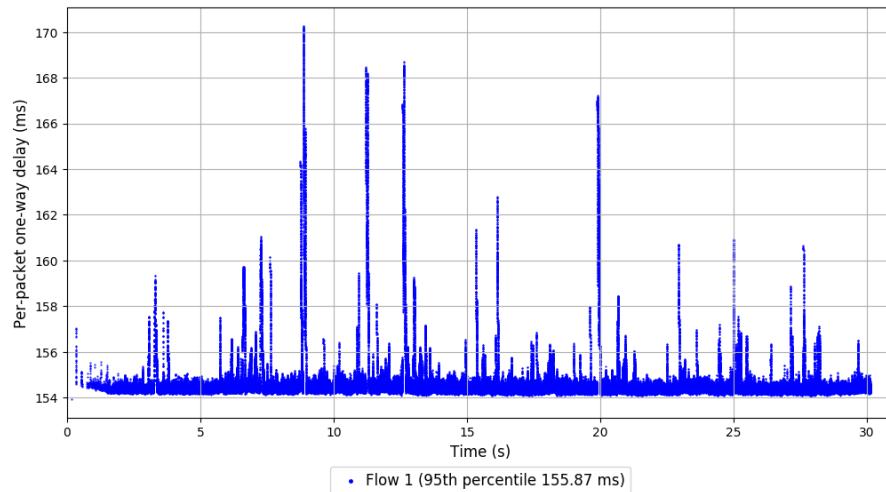
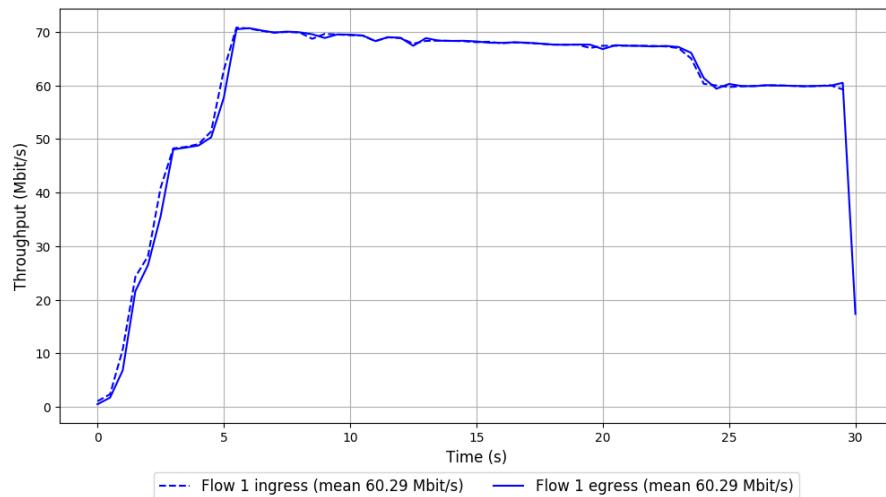


Run 6: Statistics of Copa

```
Start at: 2018-04-10 15:38:47
End at: 2018-04-10 15:39:17
Local clock offset: 18.006 ms
Remote clock offset: 1.992 ms

# Below is generated by plot.py at 2018-04-10 17:42:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.29 Mbit/s
95th percentile per-packet one-way delay: 155.868 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.29 Mbit/s
95th percentile per-packet one-way delay: 155.868 ms
Loss rate: 0.00%
```

## Run 6: Report of Copa — Data Link

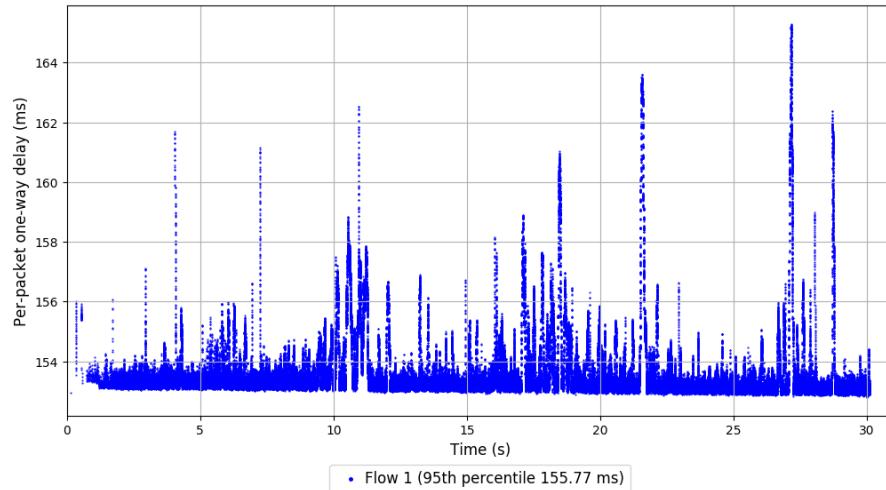
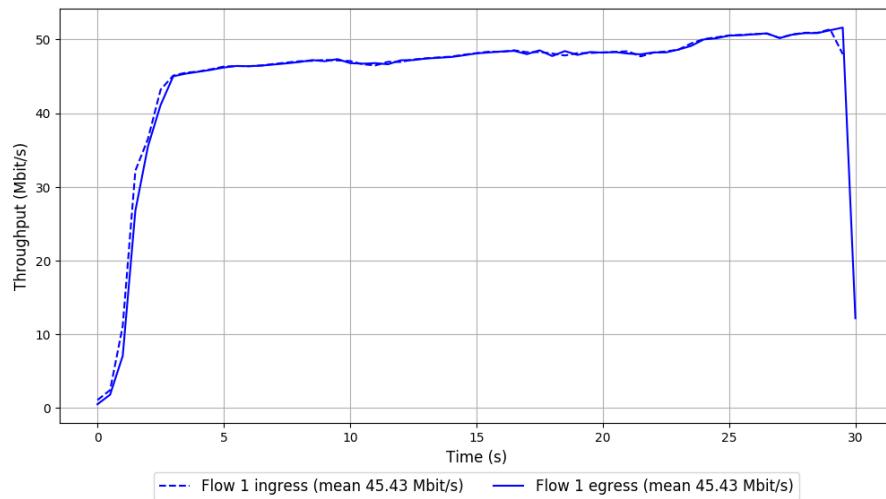


Run 7: Statistics of Copa

```
Start at: 2018-04-10 16:01:24
End at: 2018-04-10 16:01:54
Local clock offset: 17.262 ms
Remote clock offset: 17.492 ms

# Below is generated by plot.py at 2018-04-10 17:42:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.43 Mbit/s
95th percentile per-packet one-way delay: 155.770 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.43 Mbit/s
95th percentile per-packet one-way delay: 155.770 ms
Loss rate: 0.00%
```

### Run 7: Report of Copa — Data Link

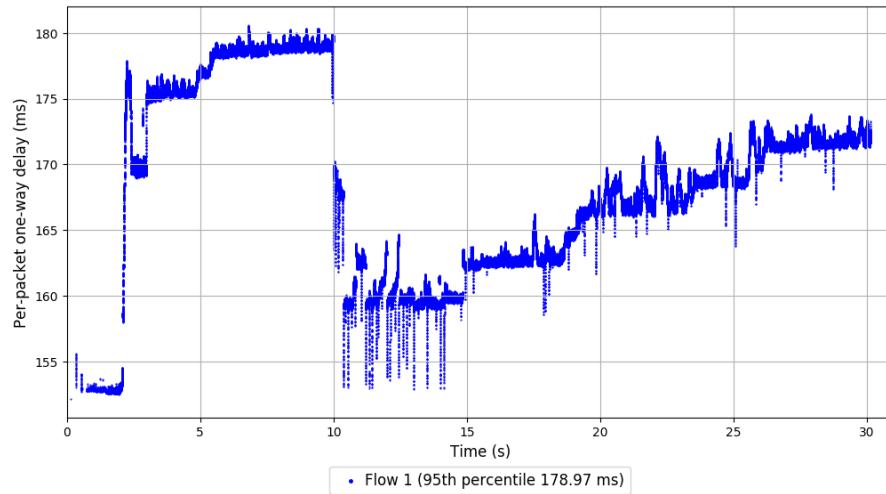
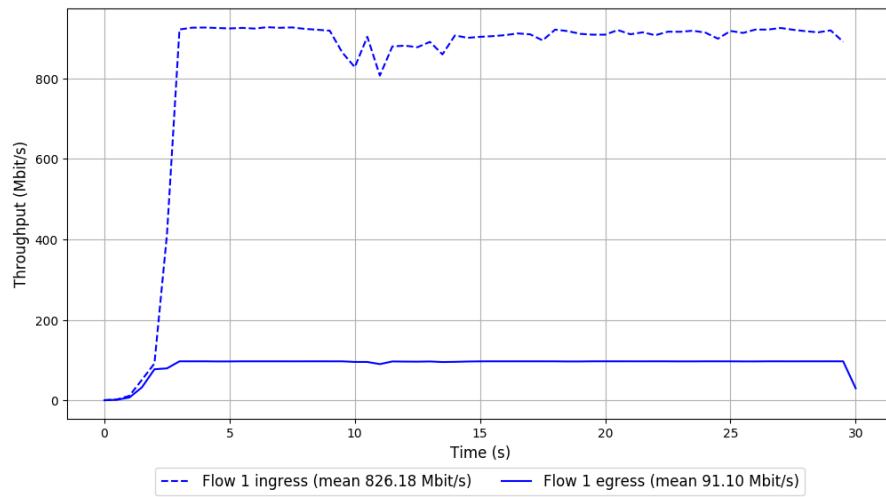


Run 8: Statistics of Copa

```
Start at: 2018-04-10 16:24:56
End at: 2018-04-10 16:25:26
Local clock offset: 17.835 ms
Remote clock offset: 20.363 ms

# Below is generated by plot.py at 2018-04-10 17:49:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 178.968 ms
Loss rate: 88.97%
-- Flow 1:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 178.968 ms
Loss rate: 88.97%
```

Run 8: Report of Copa — Data Link

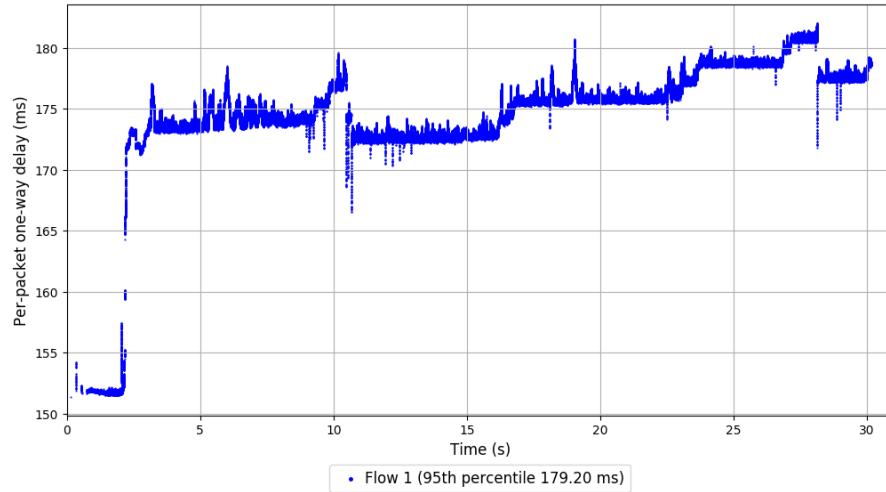
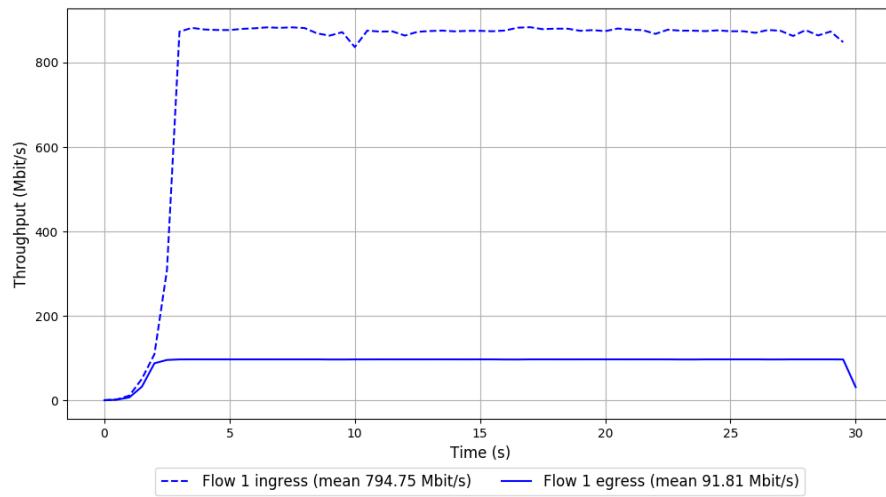


Run 9: Statistics of Copa

```
Start at: 2018-04-10 16:47:53
End at: 2018-04-10 16:48:23
Local clock offset: 9.328 ms
Remote clock offset: 4.082 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 179.201 ms
Loss rate: 88.44%
-- Flow 1:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 179.201 ms
Loss rate: 88.44%
```

Run 9: Report of Copa — Data Link

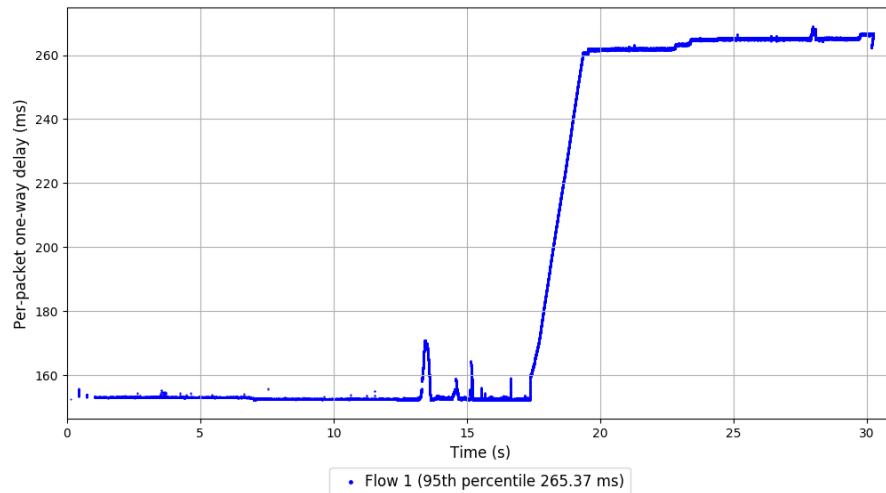
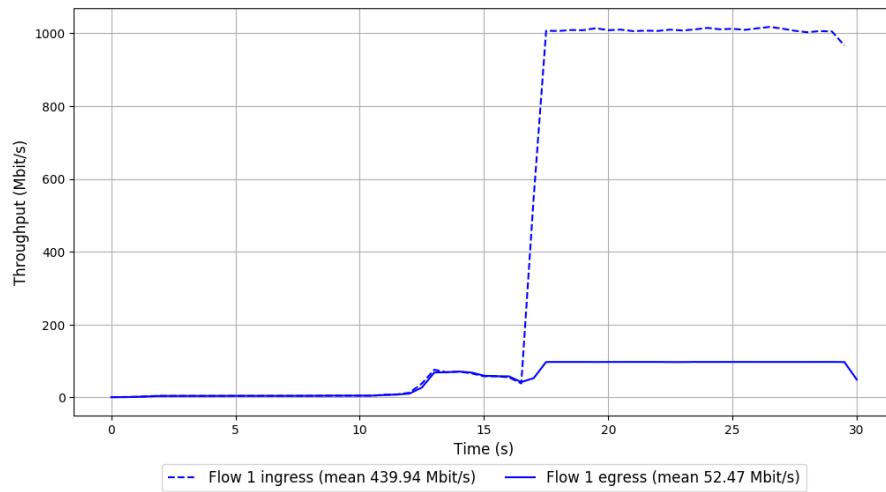


Run 10: Statistics of Copa

```
Start at: 2018-04-10 17:10:47
End at: 2018-04-10 17:11:17
Local clock offset: 1.855 ms
Remote clock offset: 0.093 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.47 Mbit/s
95th percentile per-packet one-way delay: 265.372 ms
Loss rate: 88.03%
-- Flow 1:
Average throughput: 52.47 Mbit/s
95th percentile per-packet one-way delay: 265.372 ms
Loss rate: 88.03%
```

Run 10: Report of Copa — Data Link

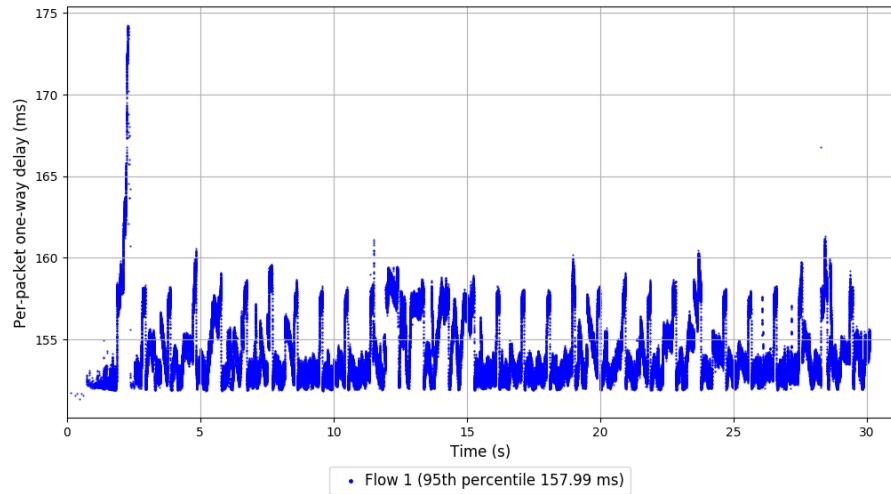
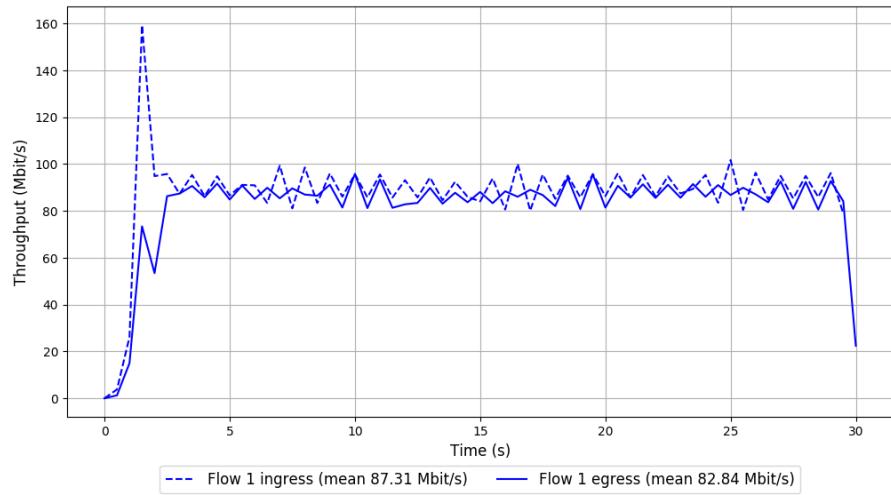


Run 1: Statistics of FillP

```
Start at: 2018-04-10 13:17:03
End at: 2018-04-10 13:17:33
Local clock offset: 18.888 ms
Remote clock offset: 2.534 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.84 Mbit/s
95th percentile per-packet one-way delay: 157.991 ms
Loss rate: 5.12%
-- Flow 1:
Average throughput: 82.84 Mbit/s
95th percentile per-packet one-way delay: 157.991 ms
Loss rate: 5.12%
```

Run 1: Report of FillP — Data Link

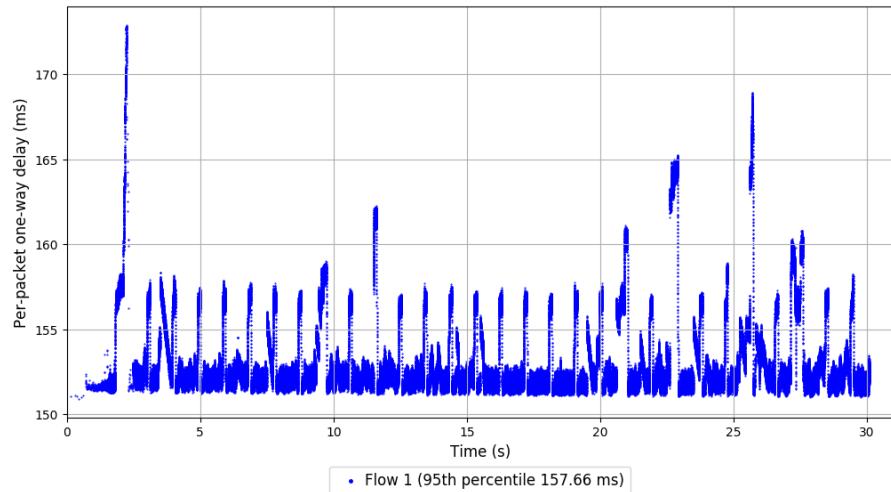
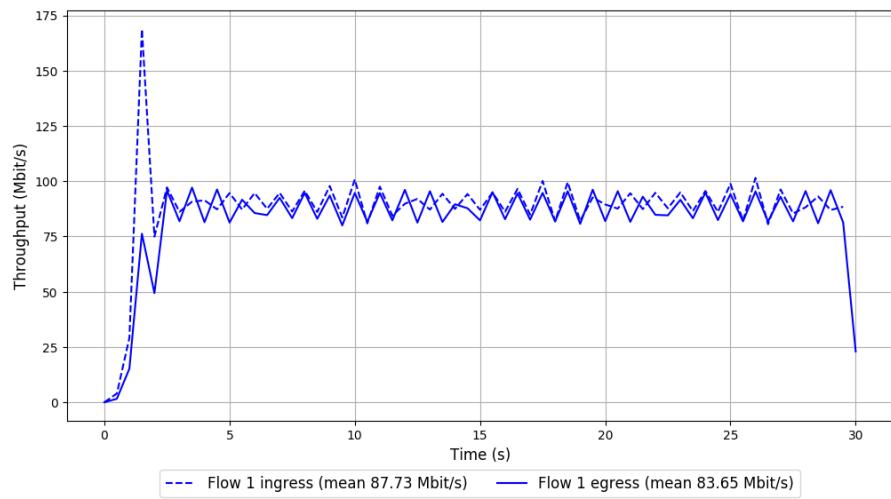


Run 2: Statistics of FillP

```
Start at: 2018-04-10 13:42:23
End at: 2018-04-10 13:42:53
Local clock offset: 15.571 ms
Remote clock offset: 16.86 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.65 Mbit/s
95th percentile per-packet one-way delay: 157.665 ms
Loss rate: 4.64%
-- Flow 1:
Average throughput: 83.65 Mbit/s
95th percentile per-packet one-way delay: 157.665 ms
Loss rate: 4.64%
```

Run 2: Report of FillP — Data Link

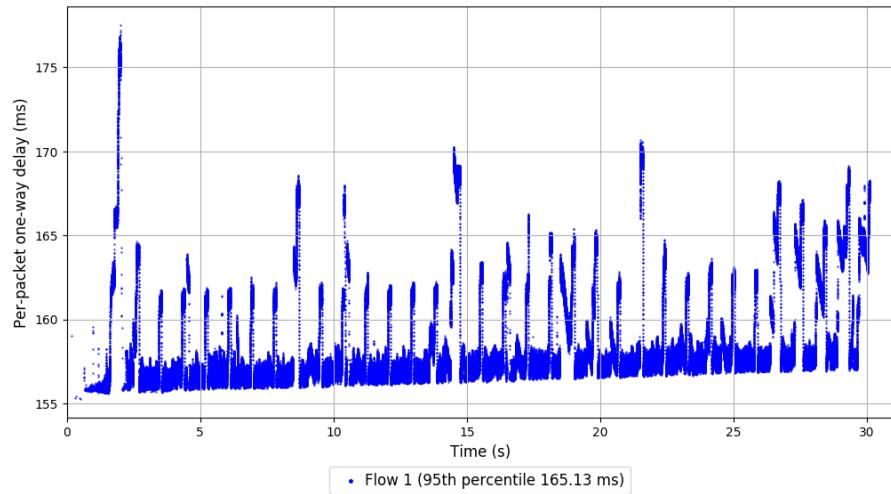
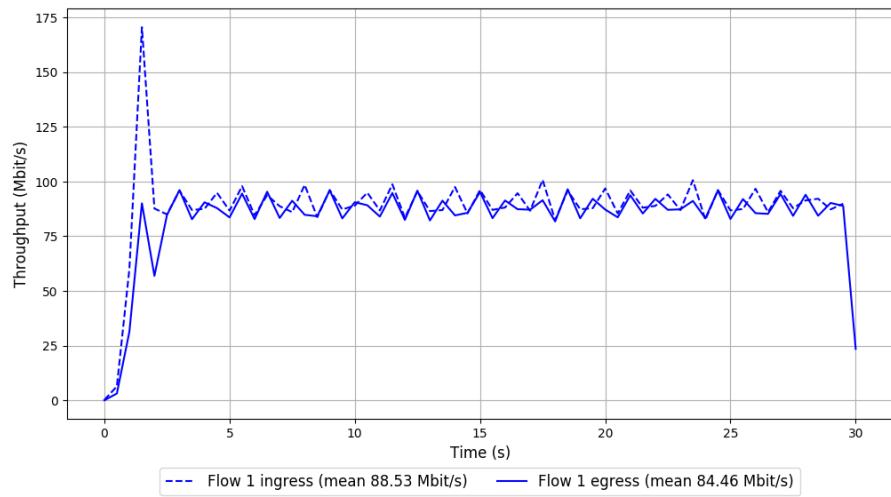


Run 3: Statistics of FillP

```
Start at: 2018-04-10 14:06:24
End at: 2018-04-10 14:06:54
Local clock offset: 15.093 ms
Remote clock offset: 26.14 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 165.134 ms
Loss rate: 4.57%
-- Flow 1:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 165.134 ms
Loss rate: 4.57%
```

### Run 3: Report of FillP — Data Link

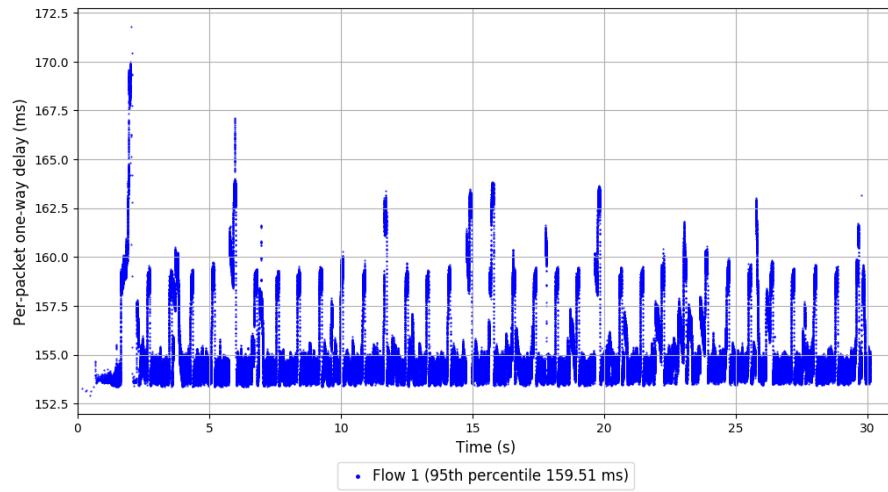
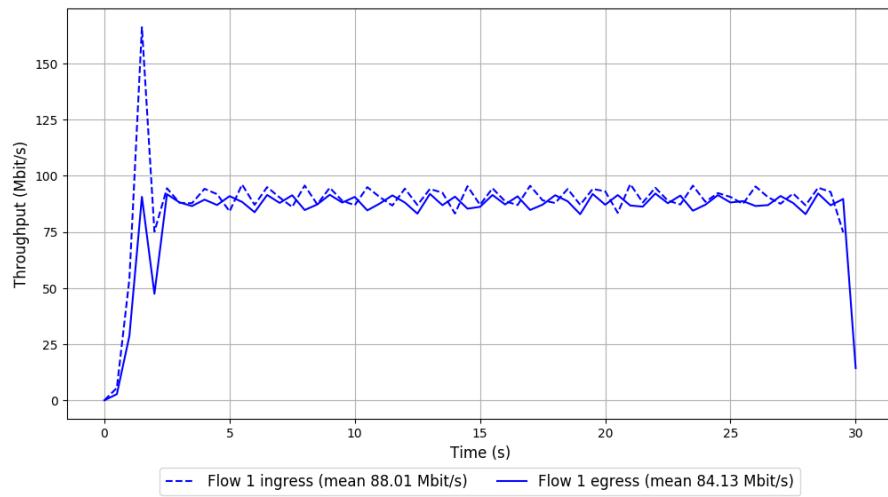


Run 4: Statistics of FillP

```
Start at: 2018-04-10 14:30:55
End at: 2018-04-10 14:31:25
Local clock offset: 15.705 ms
Remote clock offset: -0.449 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 159.511 ms
Loss rate: 4.41%
-- Flow 1:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 159.511 ms
Loss rate: 4.41%
```

Run 4: Report of FillP — Data Link

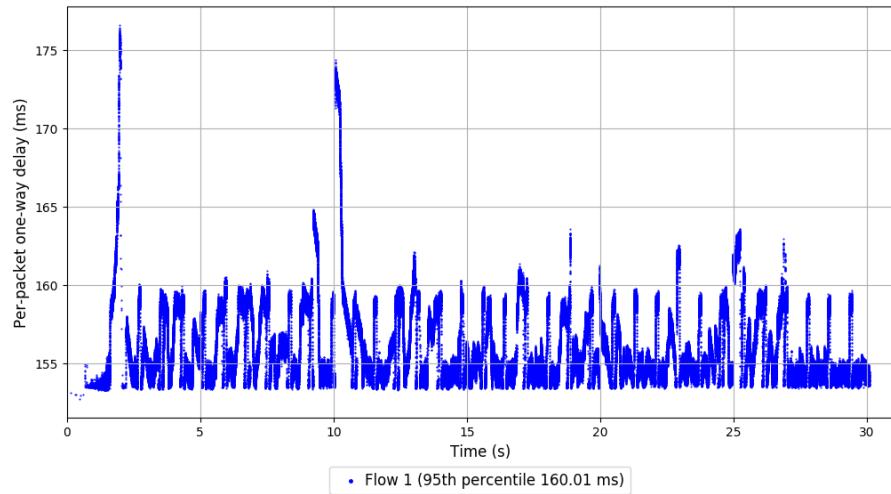
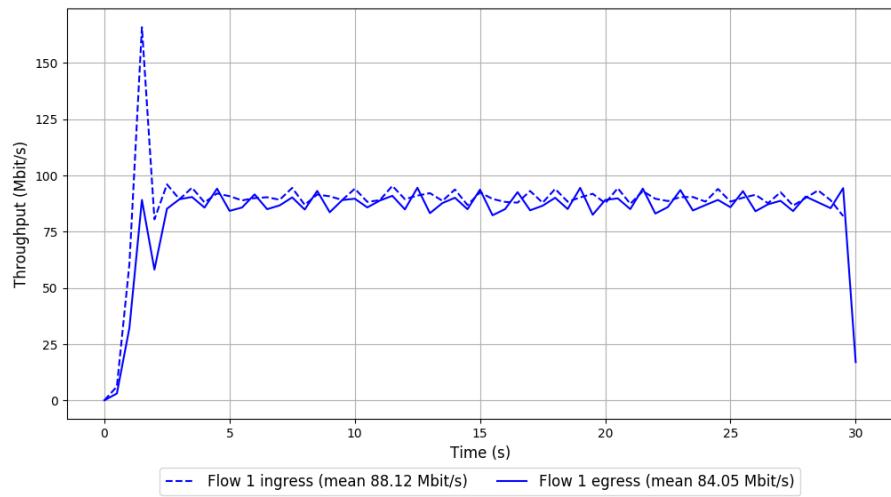


Run 5: Statistics of FillP

```
Start at: 2018-04-10 14:54:48
End at: 2018-04-10 14:55:18
Local clock offset: 22.316 ms
Remote clock offset: 1.512 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.05 Mbit/s
95th percentile per-packet one-way delay: 160.008 ms
Loss rate: 4.61%
-- Flow 1:
Average throughput: 84.05 Mbit/s
95th percentile per-packet one-way delay: 160.008 ms
Loss rate: 4.61%
```

Run 5: Report of FillP — Data Link

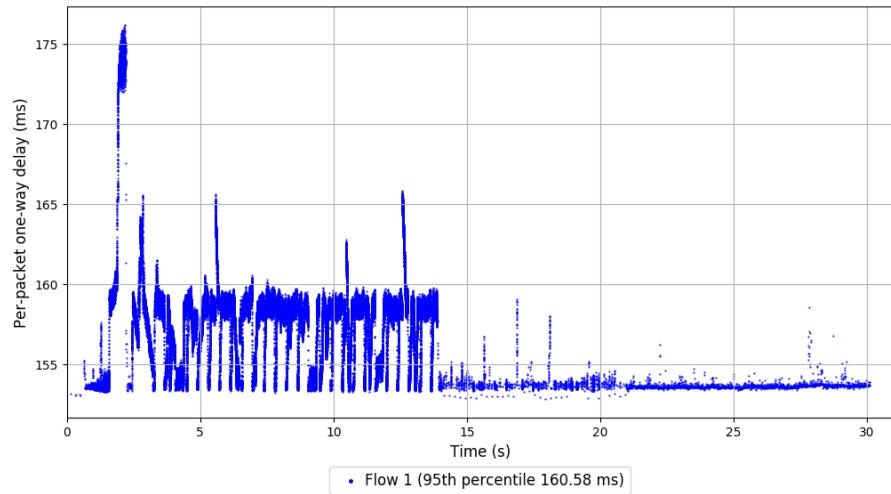
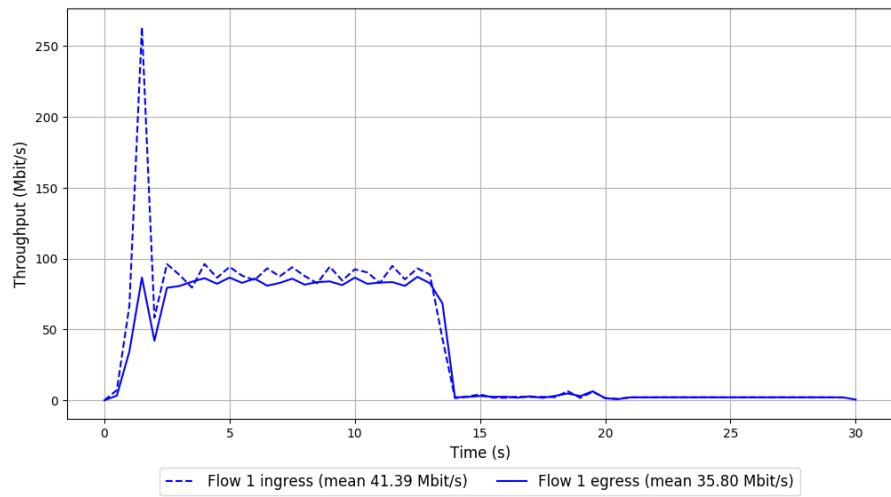


Run 6: Statistics of FillP

```
Start at: 2018-04-10 15:19:24
End at: 2018-04-10 15:19:54
Local clock offset: 27.726 ms
Remote clock offset: 2.169 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.80 Mbit/s
95th percentile per-packet one-way delay: 160.578 ms
Loss rate: 13.51%
-- Flow 1:
Average throughput: 35.80 Mbit/s
95th percentile per-packet one-way delay: 160.578 ms
Loss rate: 13.51%
```

Run 6: Report of FillP — Data Link

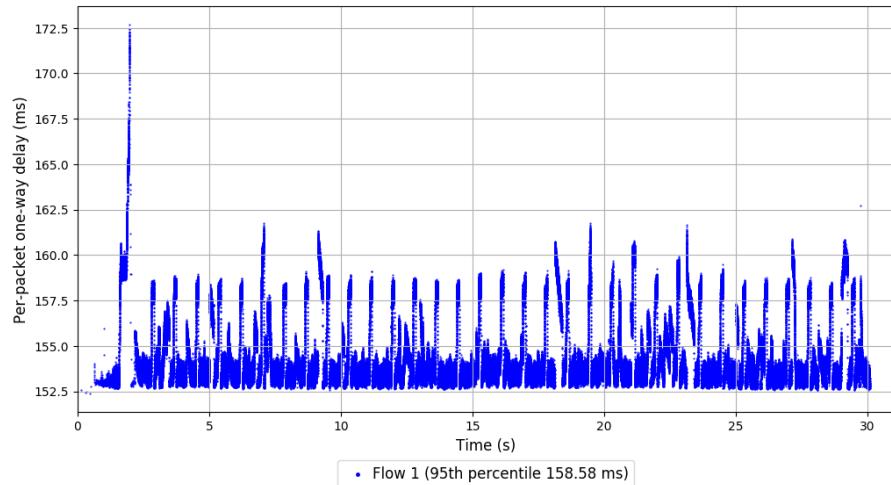
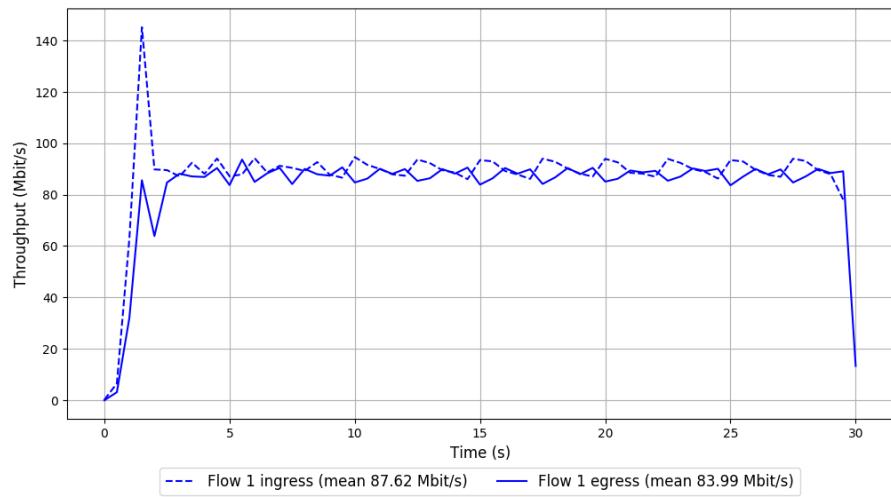


Run 7: Statistics of FillP

```
Start at: 2018-04-10 15:42:38
End at: 2018-04-10 15:43:08
Local clock offset: 17.029 ms
Remote clock offset: 2.074 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.99 Mbit/s
95th percentile per-packet one-way delay: 158.579 ms
Loss rate: 4.14%
-- Flow 1:
Average throughput: 83.99 Mbit/s
95th percentile per-packet one-way delay: 158.579 ms
Loss rate: 4.14%
```

Run 7: Report of FillP — Data Link

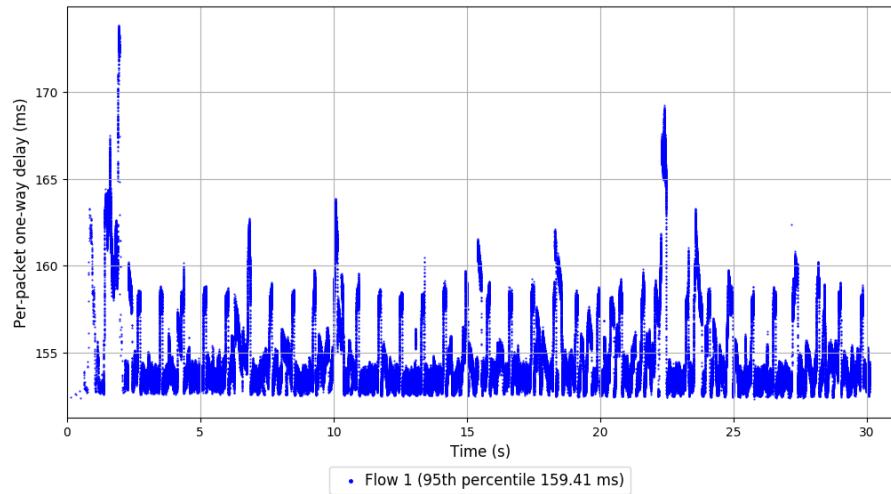
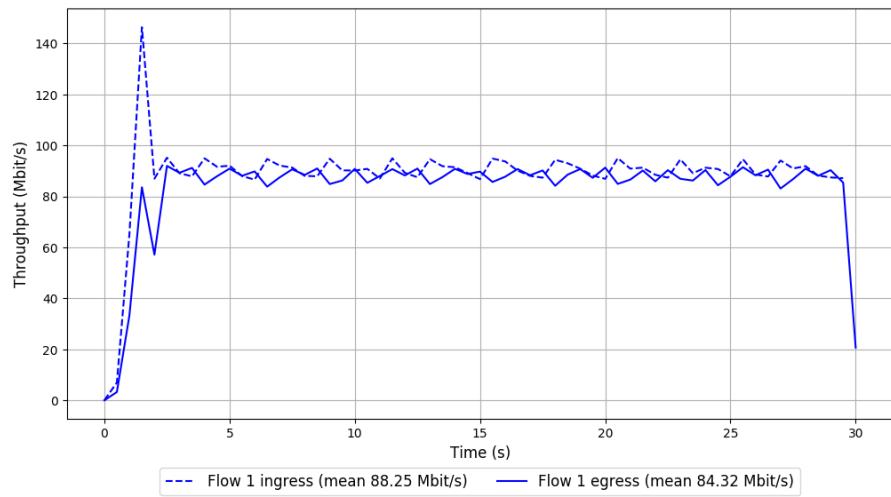


Run 8: Statistics of FillP

```
Start at: 2018-04-10 16:05:12
End at: 2018-04-10 16:05:42
Local clock offset: 17.727 ms
Remote clock offset: 19.632 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.32 Mbit/s
95th percentile per-packet one-way delay: 159.407 ms
Loss rate: 4.45%
-- Flow 1:
Average throughput: 84.32 Mbit/s
95th percentile per-packet one-way delay: 159.407 ms
Loss rate: 4.45%
```

Run 8: Report of FillP — Data Link

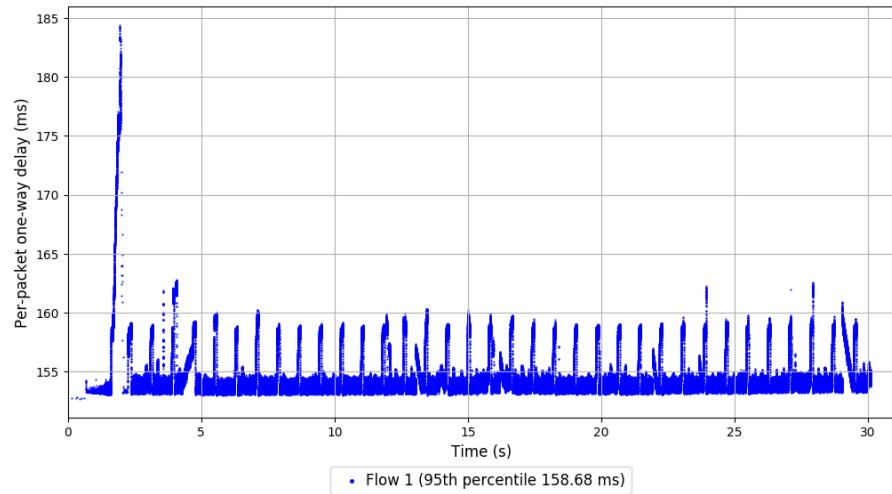
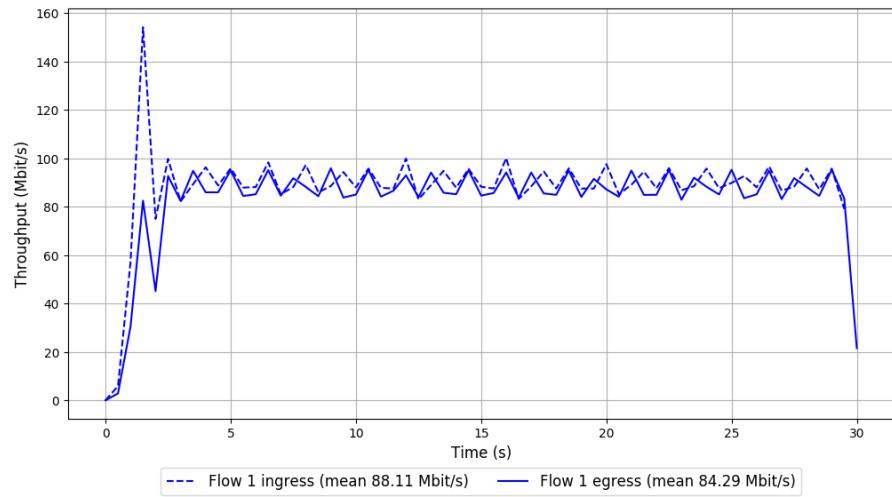


Run 9: Statistics of FillP

```
Start at: 2018-04-10 16:29:03
End at: 2018-04-10 16:29:33
Local clock offset: 17.591 ms
Remote clock offset: 13.703 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.29 Mbit/s
95th percentile per-packet one-way delay: 158.683 ms
Loss rate: 4.33%
-- Flow 1:
Average throughput: 84.29 Mbit/s
95th percentile per-packet one-way delay: 158.683 ms
Loss rate: 4.33%
```

Run 9: Report of FillP — Data Link

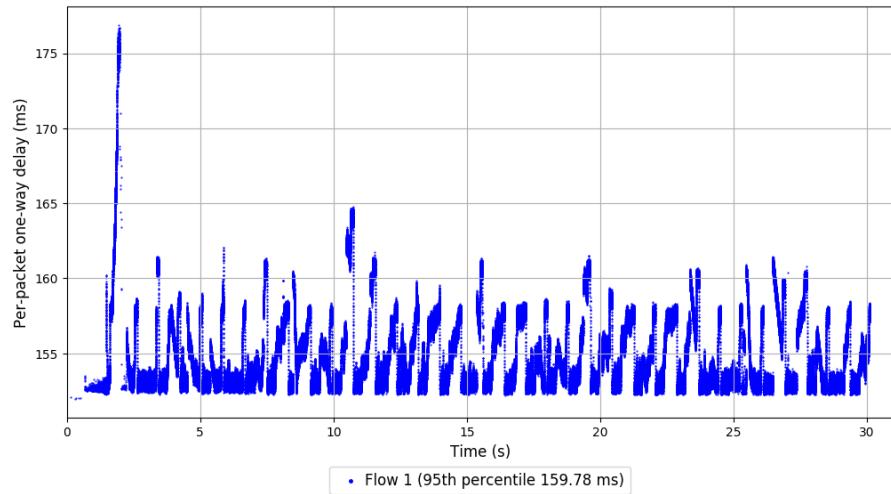
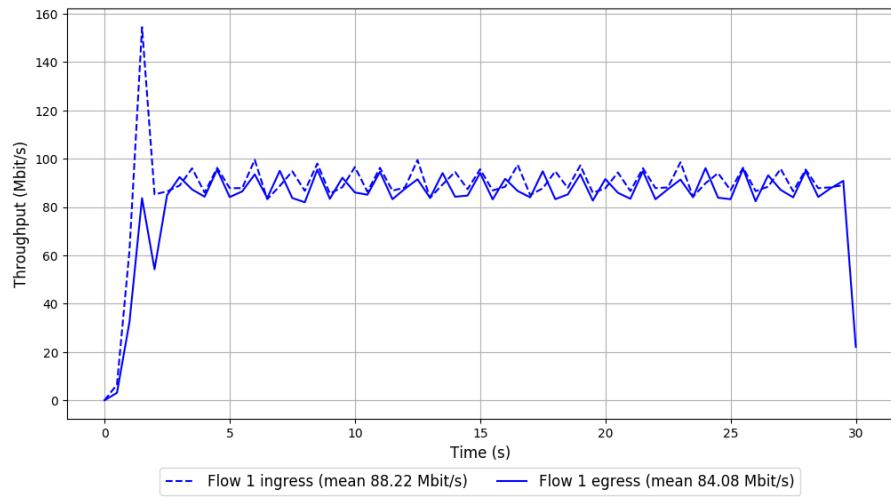


Run 10: Statistics of FillP

```
Start at: 2018-04-10 16:51:59
End at: 2018-04-10 16:52:29
Local clock offset: 8.689 ms
Remote clock offset: 3.653 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.08 Mbit/s
95th percentile per-packet one-way delay: 159.777 ms
Loss rate: 4.68%
-- Flow 1:
Average throughput: 84.08 Mbit/s
95th percentile per-packet one-way delay: 159.777 ms
Loss rate: 4.68%
```

Run 10: Report of FillP — Data Link

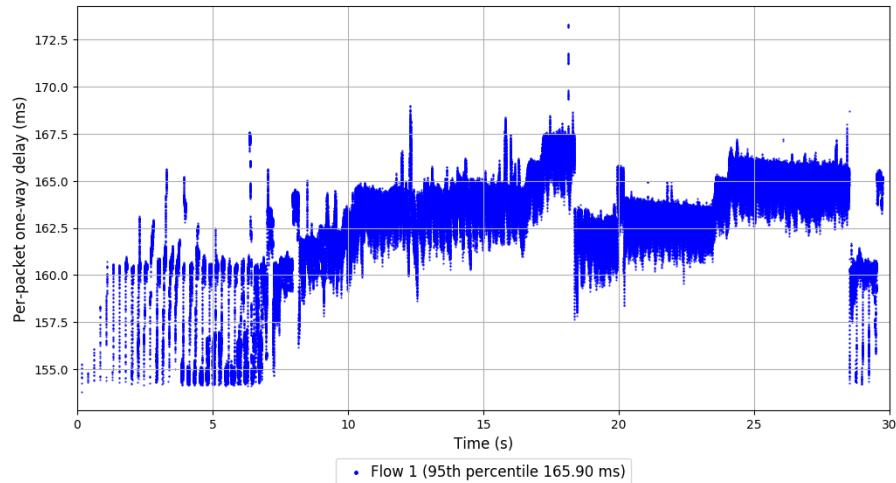
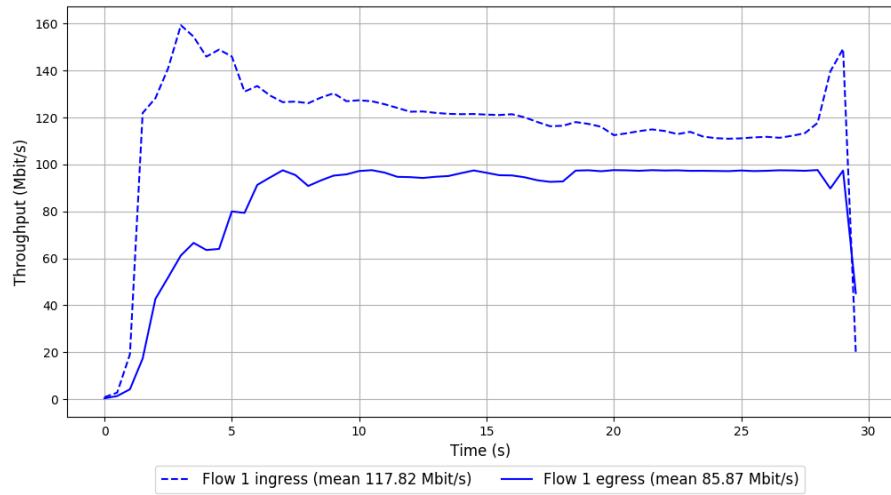


Run 1: Statistics of Indigo-1-32

```
Start at: 2018-04-10 13:30:14
End at: 2018-04-10 13:30:44
Local clock offset: 15.695 ms
Remote clock offset: -0.225 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.87 Mbit/s
95th percentile per-packet one-way delay: 165.898 ms
Loss rate: 27.09%
-- Flow 1:
Average throughput: 85.87 Mbit/s
95th percentile per-packet one-way delay: 165.898 ms
Loss rate: 27.09%
```

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

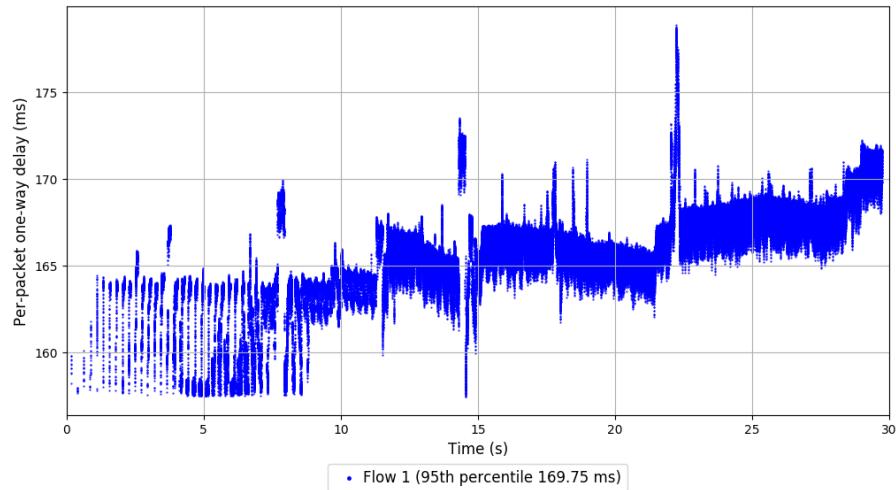
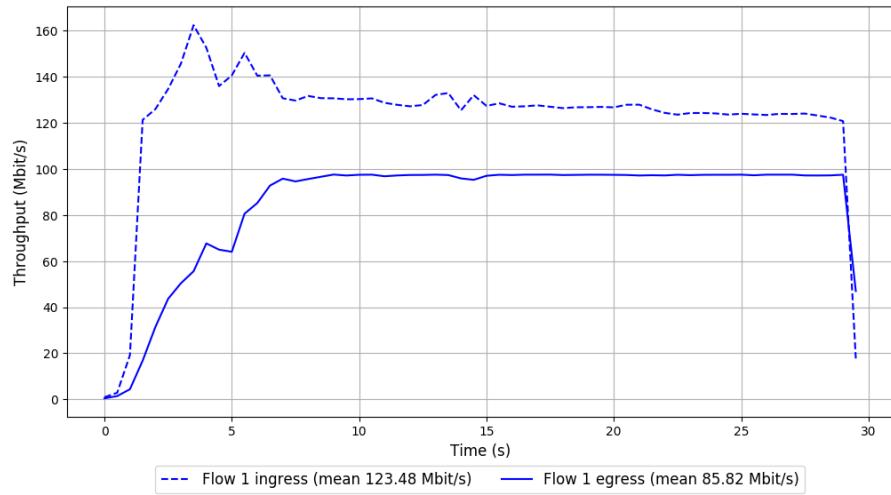


Run 2: Statistics of Indigo-1-32

```
Start at: 2018-04-10 13:54:26
End at: 2018-04-10 13:54:56
Local clock offset: 16.026 ms
Remote clock offset: 24.617 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.82 Mbit/s
95th percentile per-packet one-way delay: 169.748 ms
Loss rate: 30.47%
-- Flow 1:
Average throughput: 85.82 Mbit/s
95th percentile per-packet one-way delay: 169.748 ms
Loss rate: 30.47%
```

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

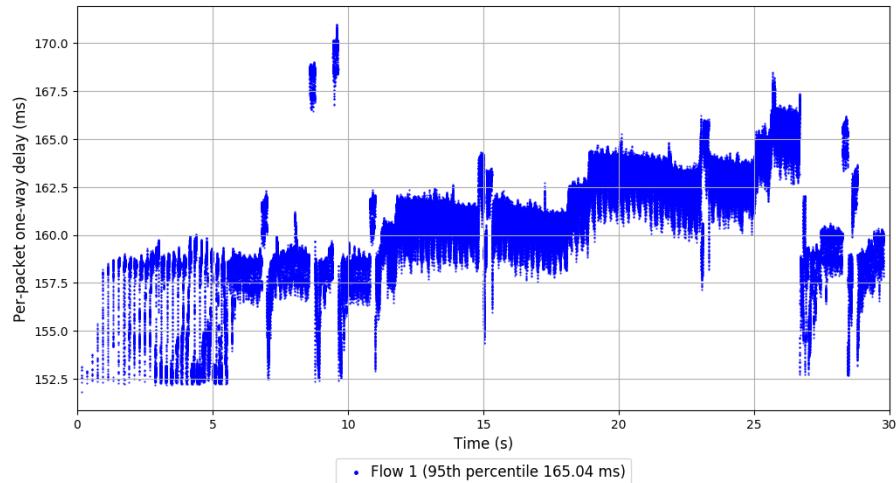
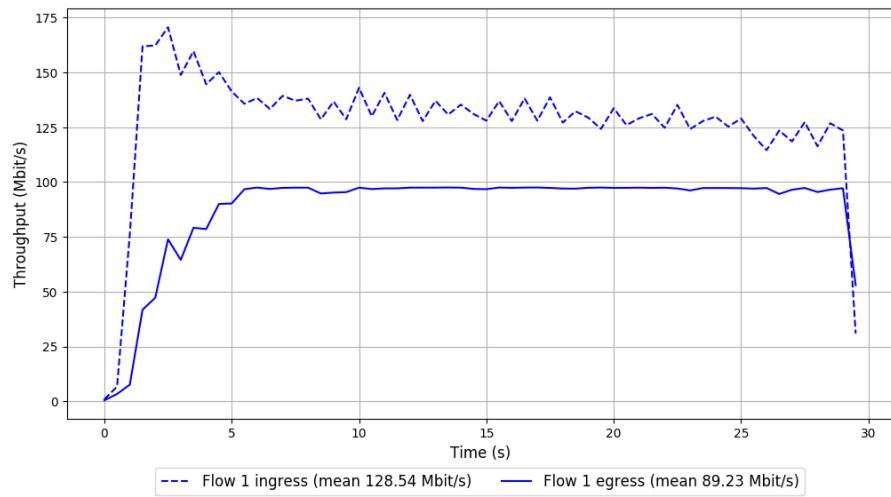


Run 3: Statistics of Indigo-1-32

```
Start at: 2018-04-10 14:18:19
End at: 2018-04-10 14:18:49
Local clock offset: 15.596 ms
Remote clock offset: 5.819 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 165.042 ms
Loss rate: 30.56%
-- Flow 1:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 165.042 ms
Loss rate: 30.56%
```

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

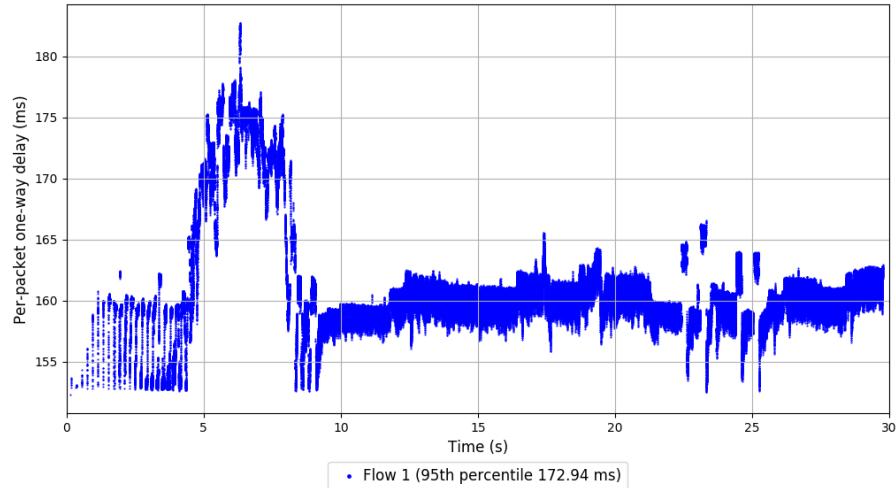
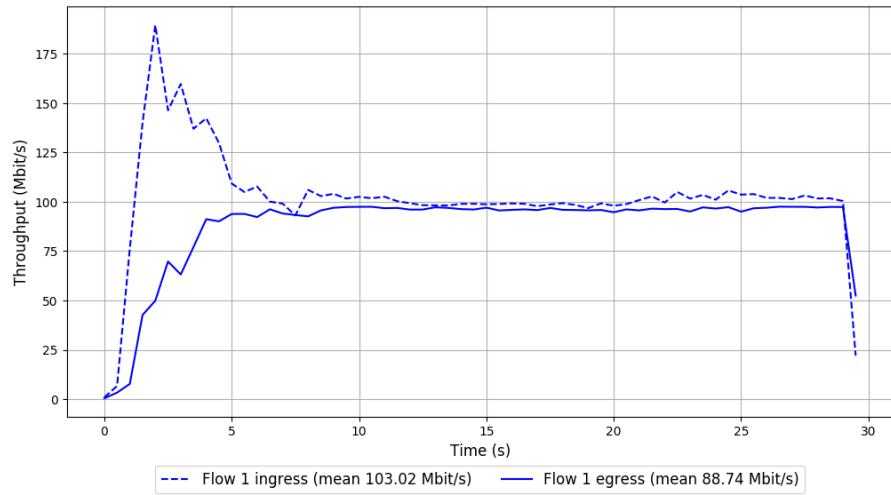


Run 4: Statistics of Indigo-1-32

```
Start at: 2018-04-10 14:42:50
End at: 2018-04-10 14:43:20
Local clock offset: 15.441 ms
Remote clock offset: -0.952 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.74 Mbit/s
95th percentile per-packet one-way delay: 172.942 ms
Loss rate: 13.84%
-- Flow 1:
Average throughput: 88.74 Mbit/s
95th percentile per-packet one-way delay: 172.942 ms
Loss rate: 13.84%
```

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

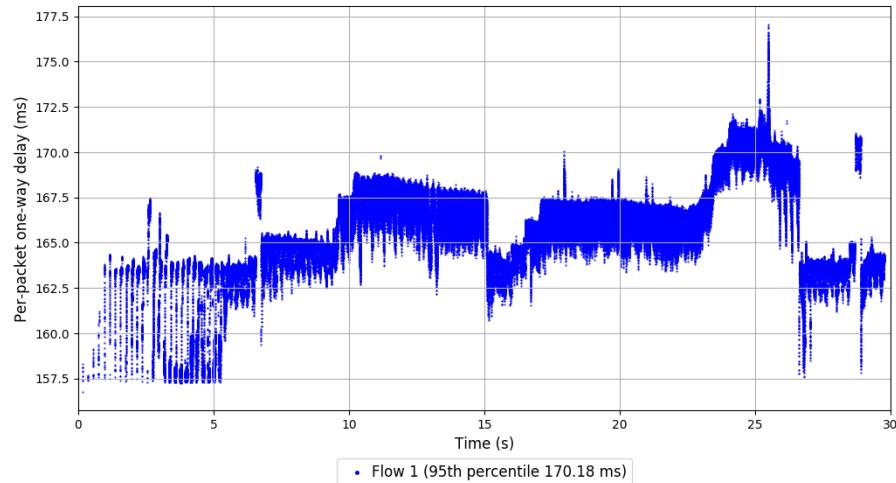
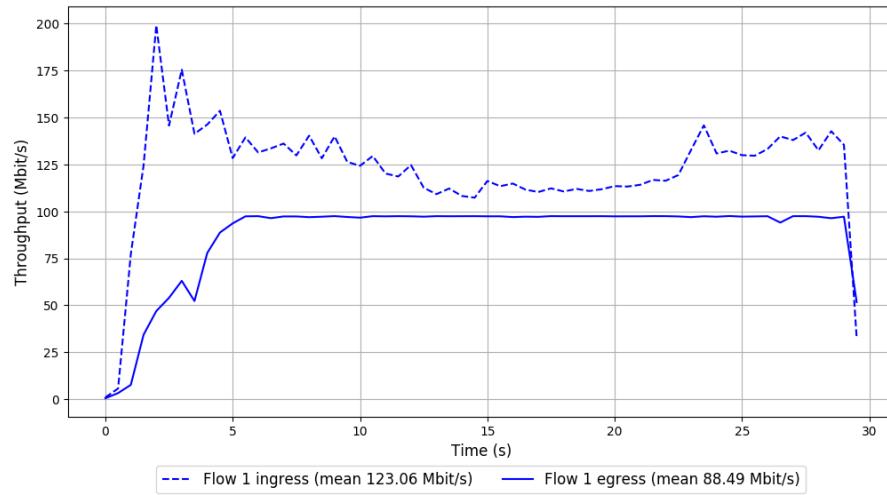


Run 5: Statistics of Indigo-1-32

```
Start at: 2018-04-10 15:06:28
End at: 2018-04-10 15:06:58
Local clock offset: 25.996 ms
Remote clock offset: 2.099 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 170.183 ms
Loss rate: 28.07%
-- Flow 1:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 170.183 ms
Loss rate: 28.07%
```

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

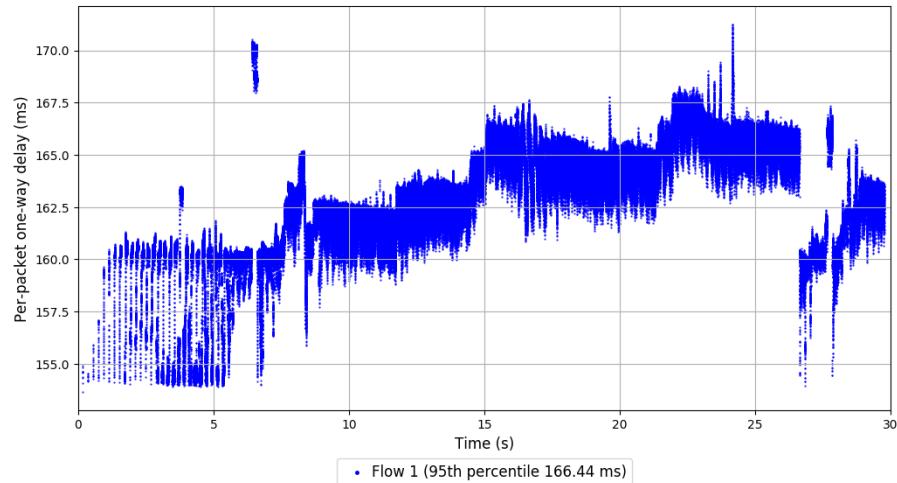
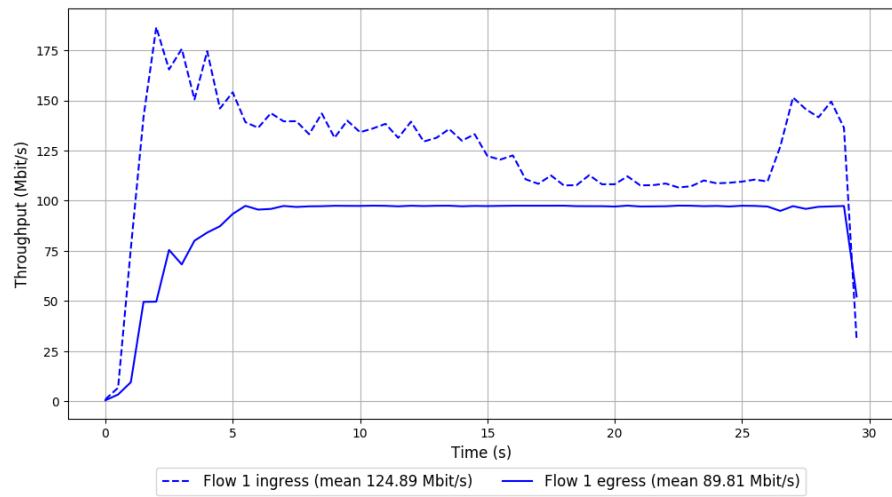


Run 6: Statistics of Indigo-1-32

```
Start at: 2018-04-10 15:31:14
End at: 2018-04-10 15:31:44
Local clock offset: 20.233 ms
Remote clock offset: 1.963 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.81 Mbit/s
95th percentile per-packet one-way delay: 166.439 ms
Loss rate: 28.07%
-- Flow 1:
Average throughput: 89.81 Mbit/s
95th percentile per-packet one-way delay: 166.439 ms
Loss rate: 28.07%
```

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

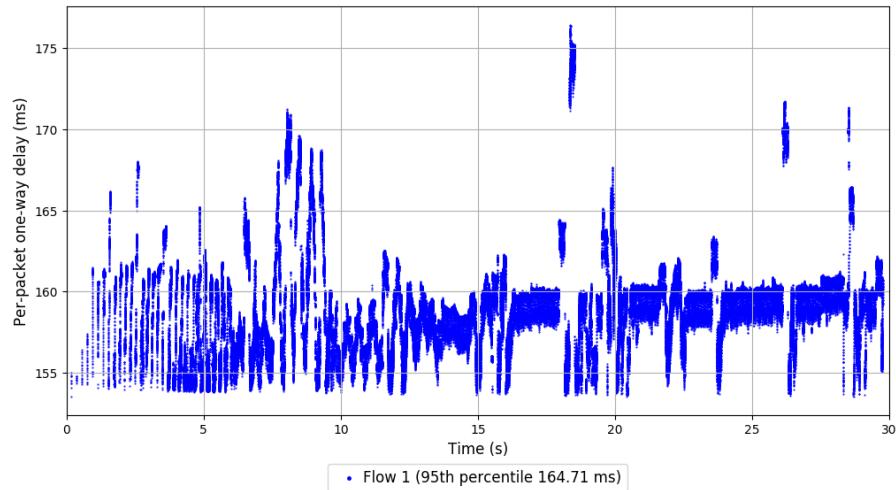
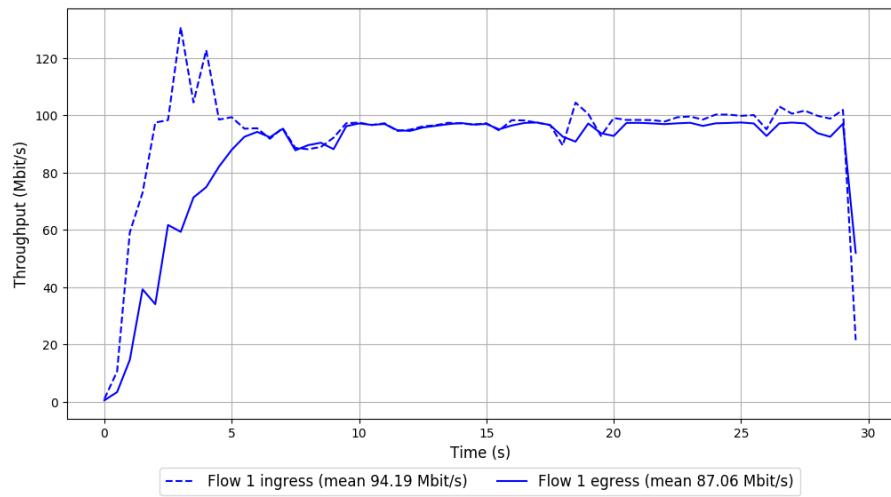


Run 7: Statistics of Indigo-1-32

```
Start at: 2018-04-10 15:53:55
End at: 2018-04-10 15:54:25
Local clock offset: 15.374 ms
Remote clock offset: 11.016 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.06 Mbit/s
95th percentile per-packet one-way delay: 164.708 ms
Loss rate: 7.55%
-- Flow 1:
Average throughput: 87.06 Mbit/s
95th percentile per-packet one-way delay: 164.708 ms
Loss rate: 7.55%
```

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



Run 8: Statistics of Indigo-1-32

/home/ubuntu/pantheon\_data/2018-04-10T13-13-AWS-Korea-to-China-10-runs/indigo\_1\_32\_stats\_run

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

Figure is missing

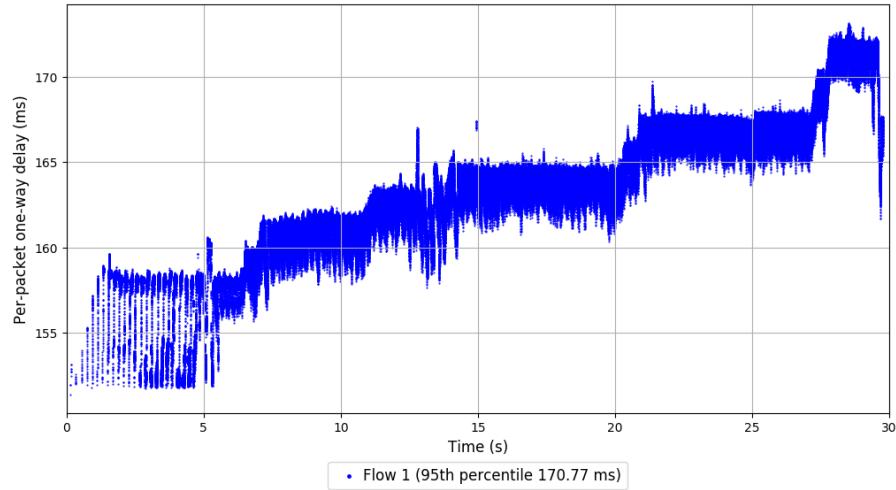
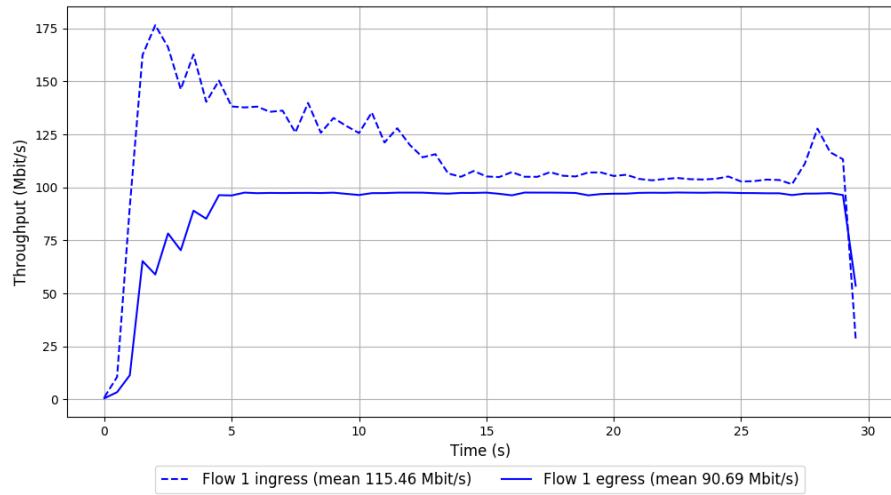
Figure is missing

Run 9: Statistics of Indigo-1-32

```
Start at: 2018-04-10 16:40:19
End at: 2018-04-10 16:40:49
Local clock offset: 11.223 ms
Remote clock offset: 6.048 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.69 Mbit/s
95th percentile per-packet one-way delay: 170.772 ms
Loss rate: 21.41%
-- Flow 1:
Average throughput: 90.69 Mbit/s
95th percentile per-packet one-way delay: 170.772 ms
Loss rate: 21.41%
```

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

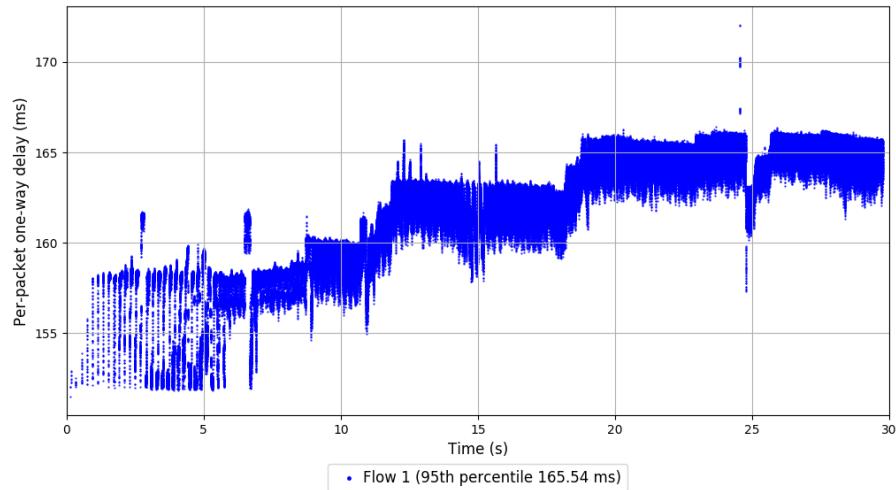
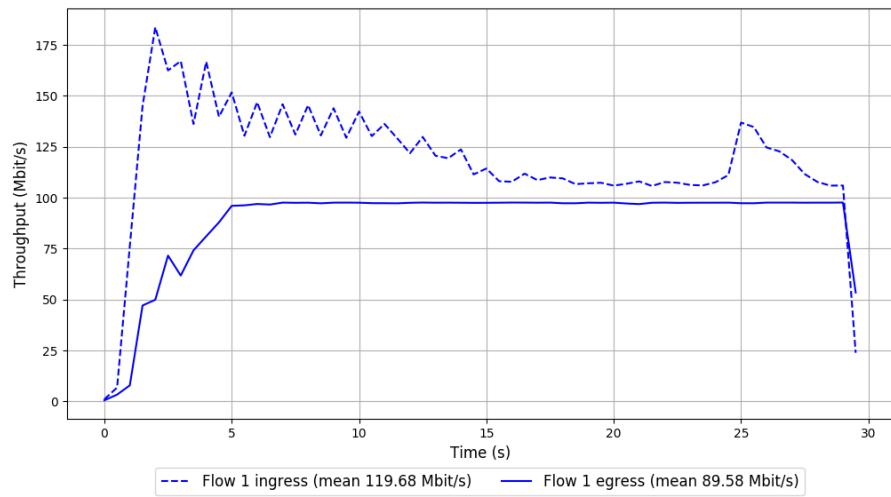


Run 10: Statistics of Indigo-1-32

```
Start at: 2018-04-10 17:03:15
End at: 2018-04-10 17:03:46
Local clock offset: 6.539 ms
Remote clock offset: 1.267 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.58 Mbit/s
95th percentile per-packet one-way delay: 165.537 ms
Loss rate: 25.11%
-- Flow 1:
Average throughput: 89.58 Mbit/s
95th percentile per-packet one-way delay: 165.537 ms
Loss rate: 25.11%
```

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

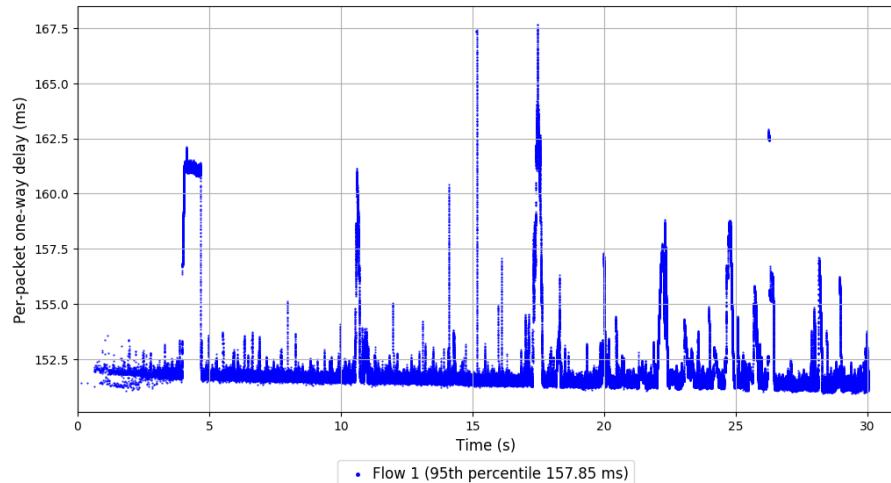
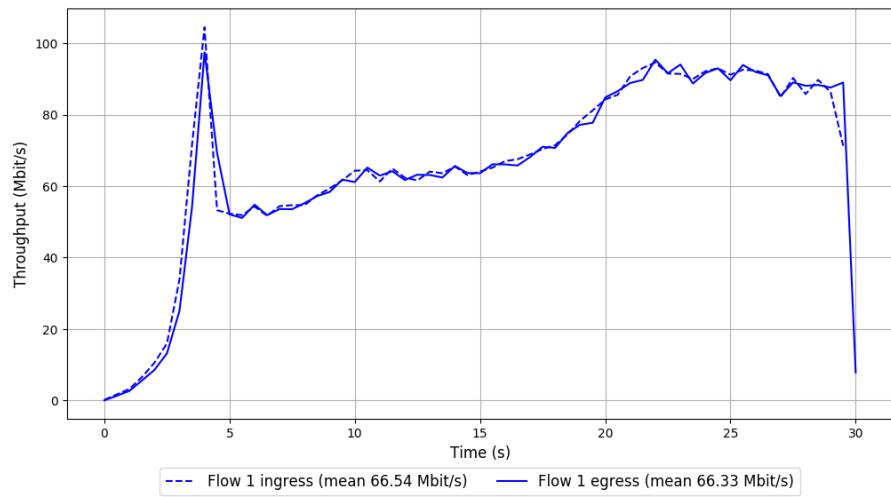


Run 1: Statistics of Vivace-latency

```
Start at: 2018-04-10 13:36:54
End at: 2018-04-10 13:37:24
Local clock offset: 14.549 ms
Remote clock offset: 10.171 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.33 Mbit/s
95th percentile per-packet one-way delay: 157.852 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 66.33 Mbit/s
95th percentile per-packet one-way delay: 157.852 ms
Loss rate: 0.30%
```

Run 1: Report of Vivace-latency — Data Link

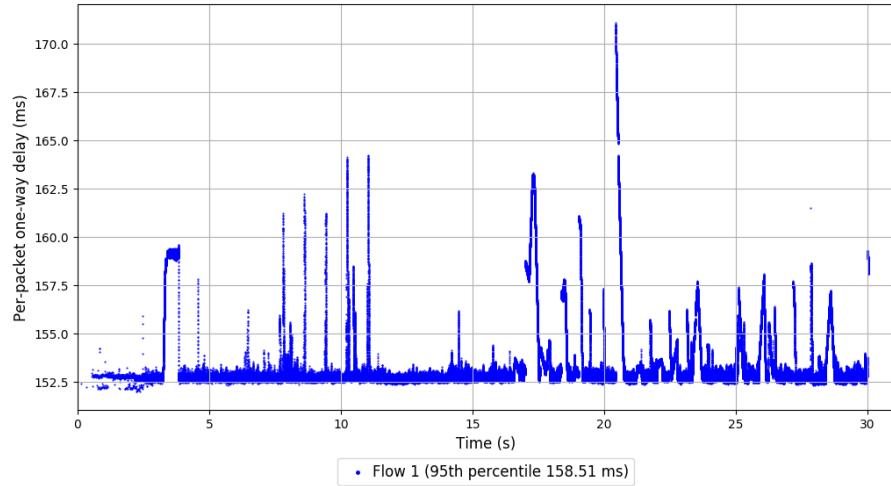
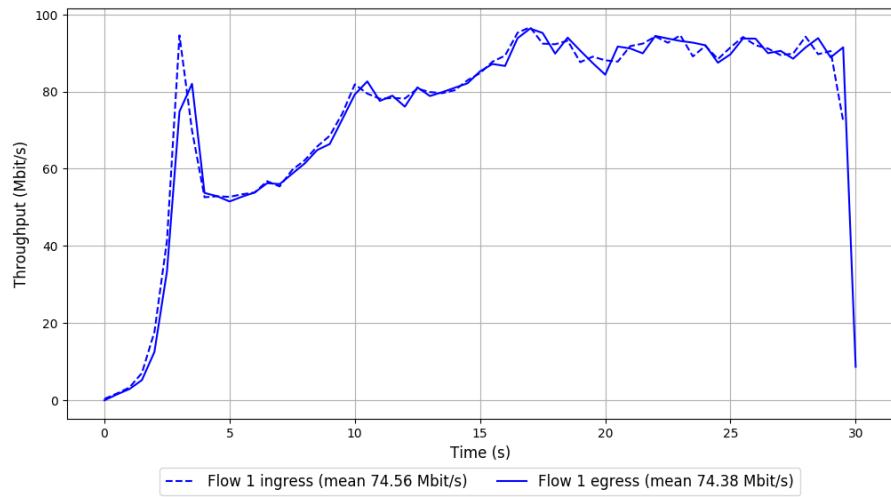


Run 2: Statistics of Vivace-latency

```
Start at: 2018-04-10 14:01:04
End at: 2018-04-10 14:01:34
Local clock offset: 15.55 ms
Remote clock offset: 27.419 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.38 Mbit/s
95th percentile per-packet one-way delay: 158.510 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 74.38 Mbit/s
95th percentile per-packet one-way delay: 158.510 ms
Loss rate: 0.22%
```

Run 2: Report of Vivace-latency — Data Link

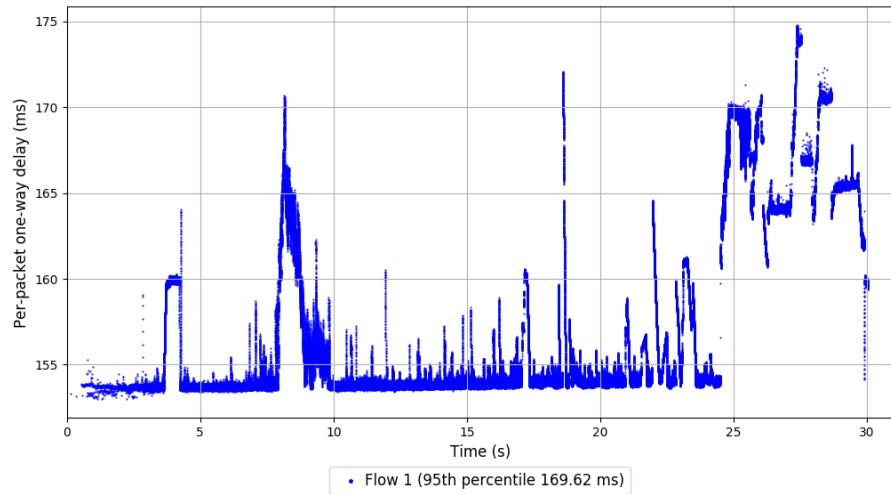
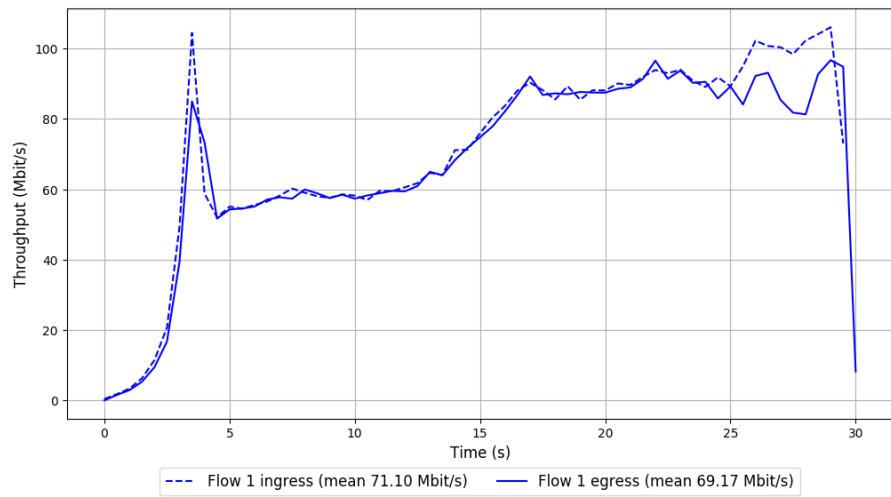


Run 3: Statistics of Vivace-latency

```
Start at: 2018-04-10 14:25:32
End at: 2018-04-10 14:26:02
Local clock offset: 15.838 ms
Remote clock offset: 1.332 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.17 Mbit/s
95th percentile per-packet one-way delay: 169.622 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 69.17 Mbit/s
95th percentile per-packet one-way delay: 169.622 ms
Loss rate: 2.70%
```

Run 3: Report of Vivace-latency — Data Link

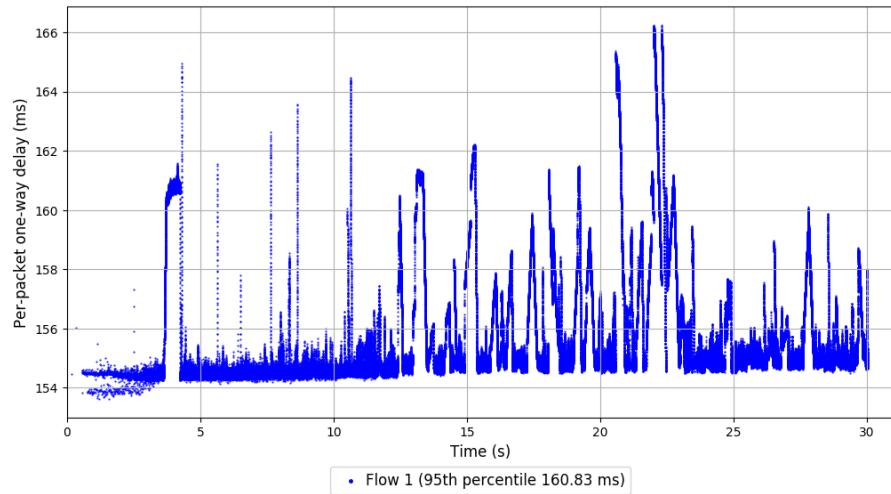
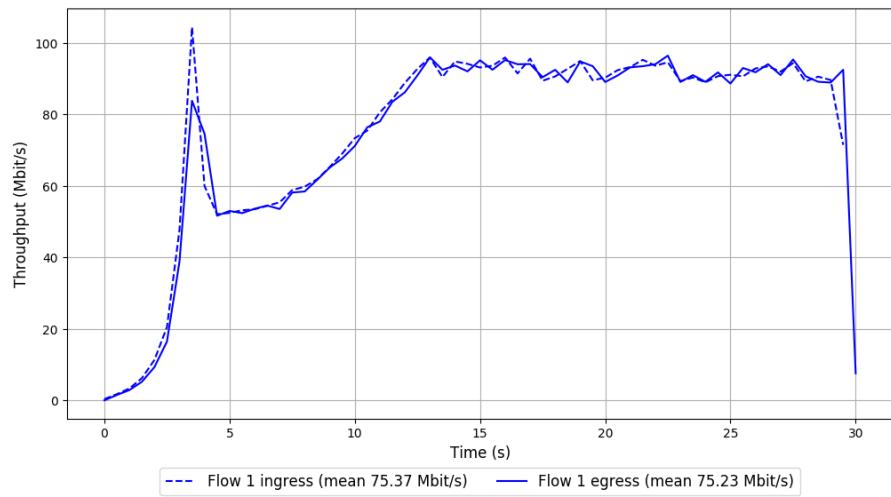


Run 4: Statistics of Vivace-latency

```
Start at: 2018-04-10 14:49:24
End at: 2018-04-10 14:49:54
Local clock offset: 18.724 ms
Remote clock offset: 0.841 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.23 Mbit/s
95th percentile per-packet one-way delay: 160.834 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 75.23 Mbit/s
95th percentile per-packet one-way delay: 160.834 ms
Loss rate: 0.19%
```

Run 4: Report of Vivace-latency — Data Link

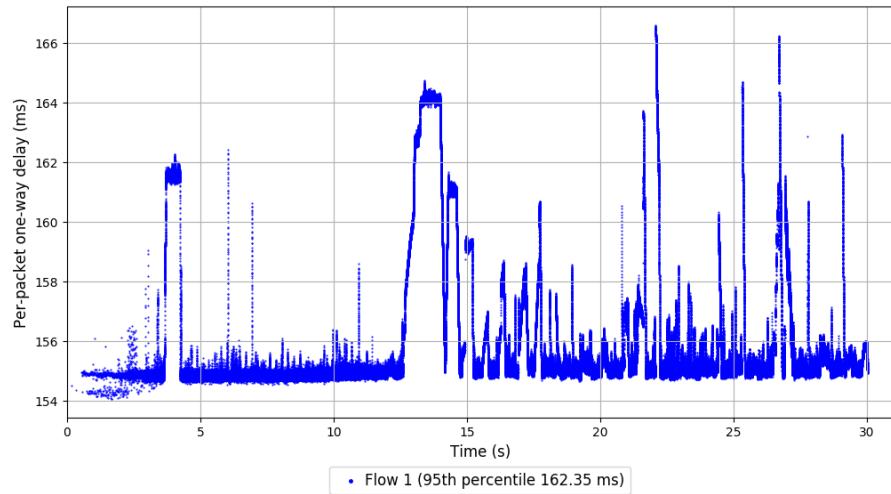
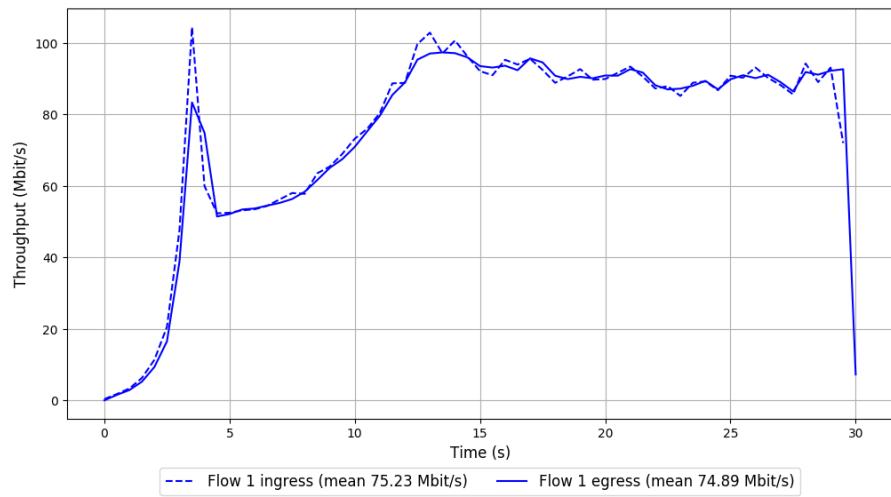


Run 5: Statistics of Vivace-latency

```
Start at: 2018-04-10 15:14:08
End at: 2018-04-10 15:14:38
Local clock offset: 26.981 ms
Remote clock offset: 2.204 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.89 Mbit/s
95th percentile per-packet one-way delay: 162.349 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 74.89 Mbit/s
95th percentile per-packet one-way delay: 162.349 ms
Loss rate: 0.45%
```

Run 5: Report of Vivace-latency — Data Link

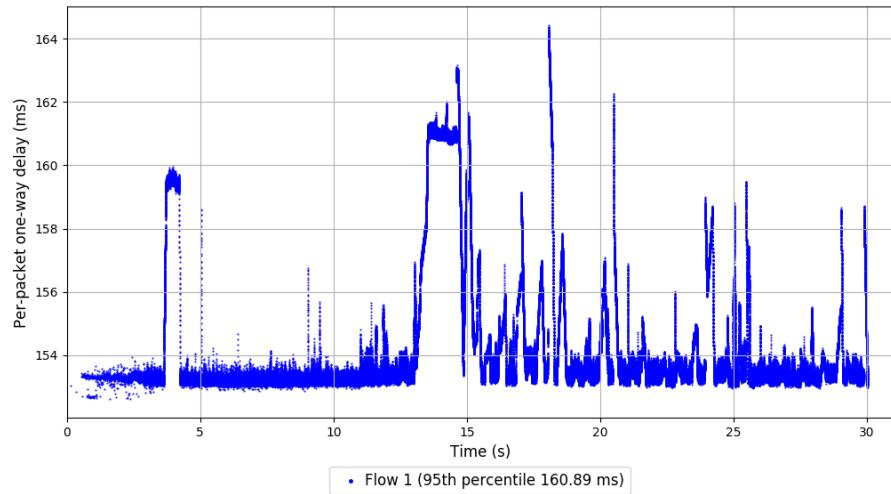
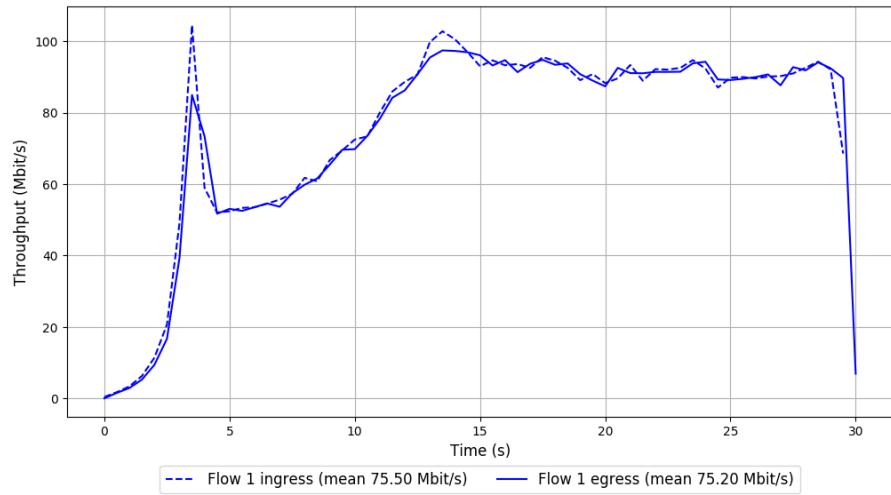


Run 6: Statistics of Vivace-latency

```
Start at: 2018-04-10 15:37:29
End at: 2018-04-10 15:37:59
Local clock offset: 18.293 ms
Remote clock offset: 2.053 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.20 Mbit/s
95th percentile per-packet one-way delay: 160.888 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 75.20 Mbit/s
95th percentile per-packet one-way delay: 160.888 ms
Loss rate: 0.41%
```

Run 6: Report of Vivace-latency — Data Link

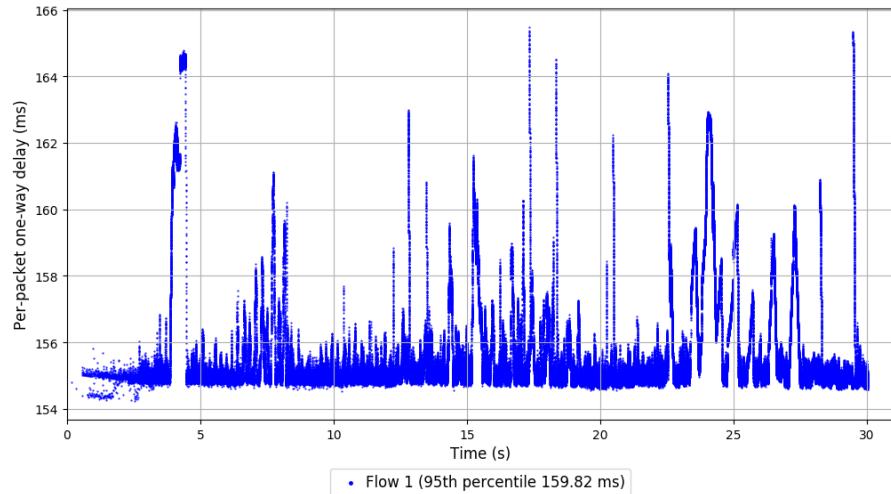
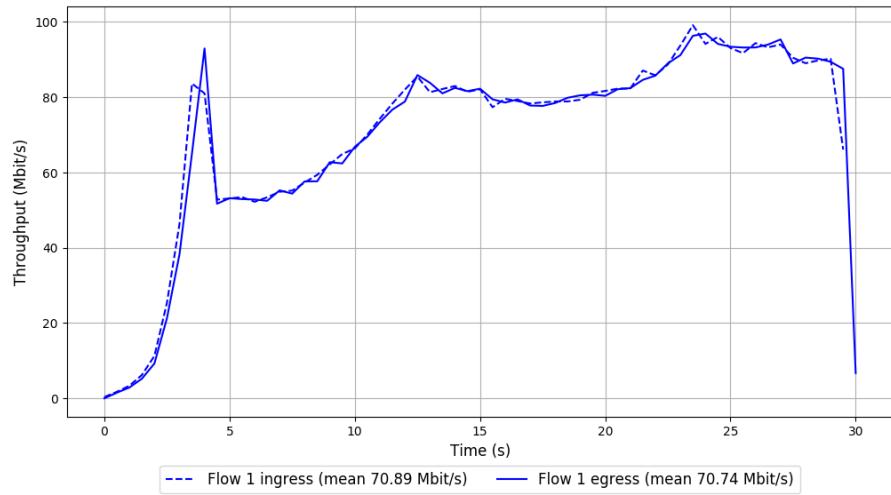


Run 7: Statistics of Vivace-latency

```
Start at: 2018-04-10 16:00:06
End at: 2018-04-10 16:00:36
Local clock offset: 17.068 ms
Remote clock offset: 16.533 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.74 Mbit/s
95th percentile per-packet one-way delay: 159.816 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 70.74 Mbit/s
95th percentile per-packet one-way delay: 159.816 ms
Loss rate: 0.21%
```

Run 7: Report of Vivace-latency — Data Link

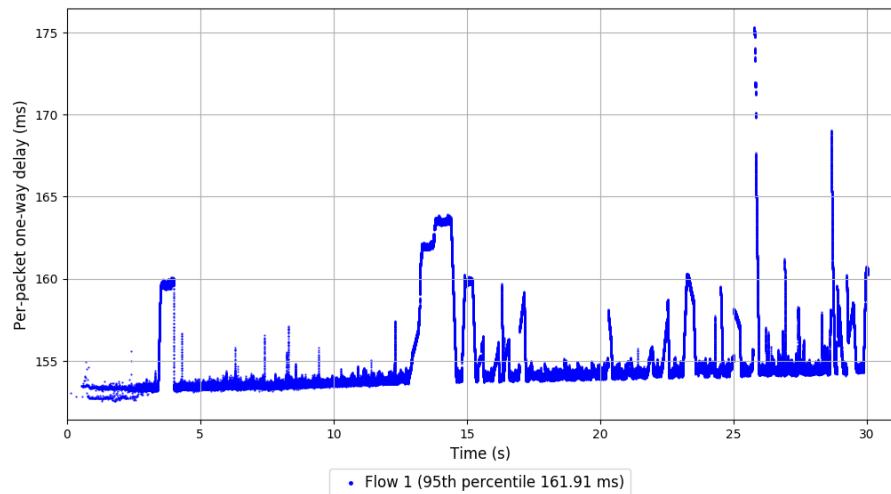
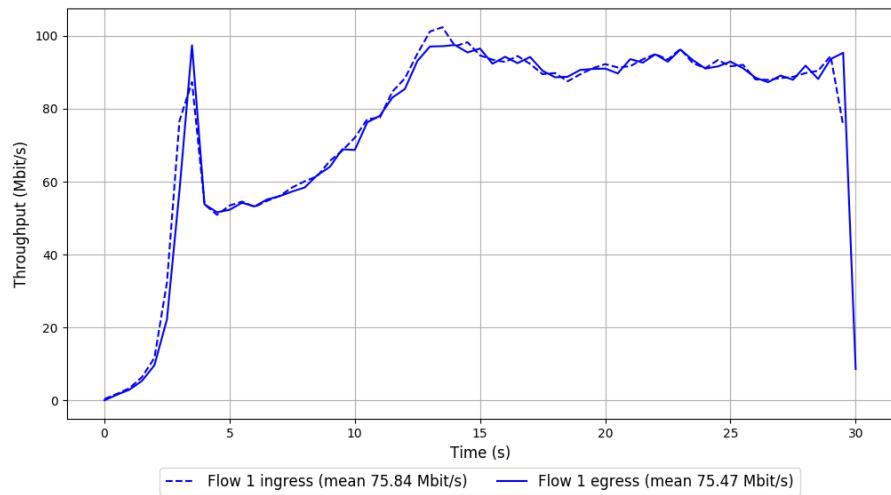


Run 8: Statistics of Vivace-latency

```
Start at: 2018-04-10 16:23:38
End at: 2018-04-10 16:24:08
Local clock offset: 17.886 ms
Remote clock offset: 22.879 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.47 Mbit/s
95th percentile per-packet one-way delay: 161.906 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 75.47 Mbit/s
95th percentile per-packet one-way delay: 161.906 ms
Loss rate: 0.47%
```

Run 8: Report of Vivace-latency — Data Link

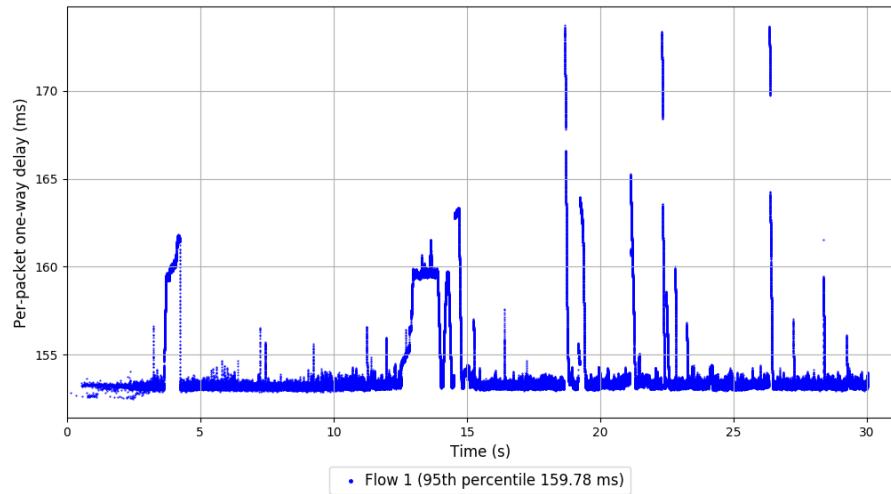
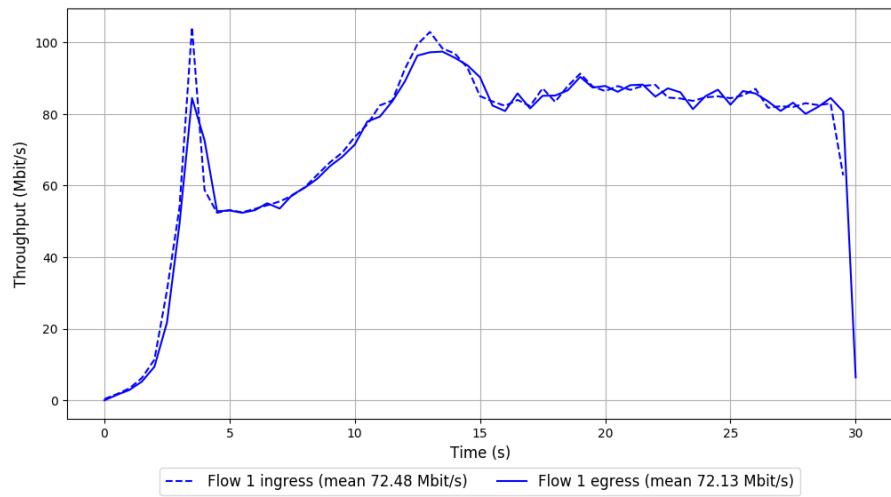


Run 9: Statistics of Vivace-latency

```
Start at: 2018-04-10 16:46:35
End at: 2018-04-10 16:47:05
Local clock offset: 9.681 ms
Remote clock offset: 4.47 ms

# Below is generated by plot.py at 2018-04-10 17:49:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.13 Mbit/s
95th percentile per-packet one-way delay: 159.783 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 72.13 Mbit/s
95th percentile per-packet one-way delay: 159.783 ms
Loss rate: 0.49%
```

Run 9: Report of Vivace-latency — Data Link

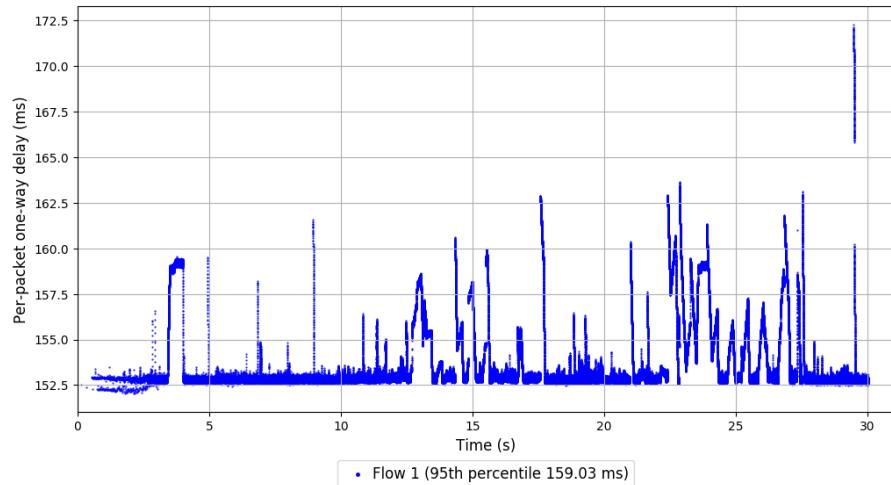
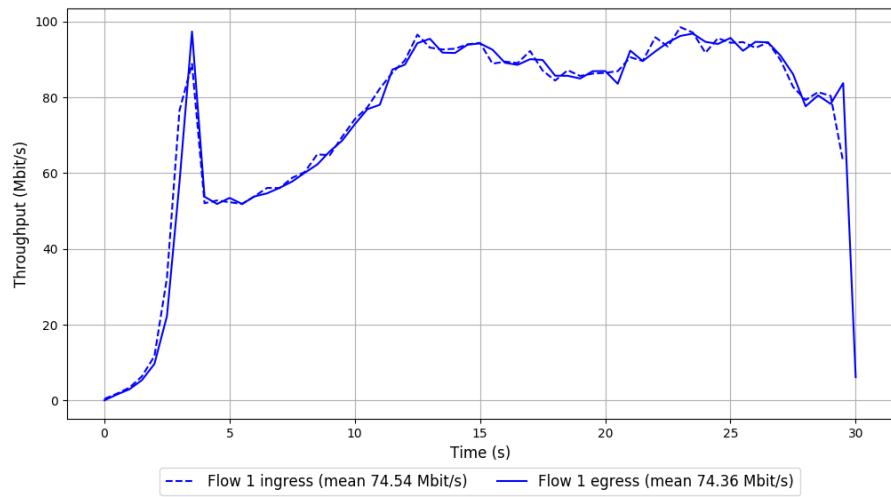


Run 10: Statistics of Vivace-latency

```
Start at: 2018-04-10 17:09:28
End at: 2018-04-10 17:09:58
Local clock offset: 2.399 ms
Remote clock offset: 0.226 ms

# Below is generated by plot.py at 2018-04-10 17:49:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.36 Mbit/s
95th percentile per-packet one-way delay: 159.034 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 74.36 Mbit/s
95th percentile per-packet one-way delay: 159.034 ms
Loss rate: 0.24%
```

Run 10: Report of Vivace-latency — Data Link

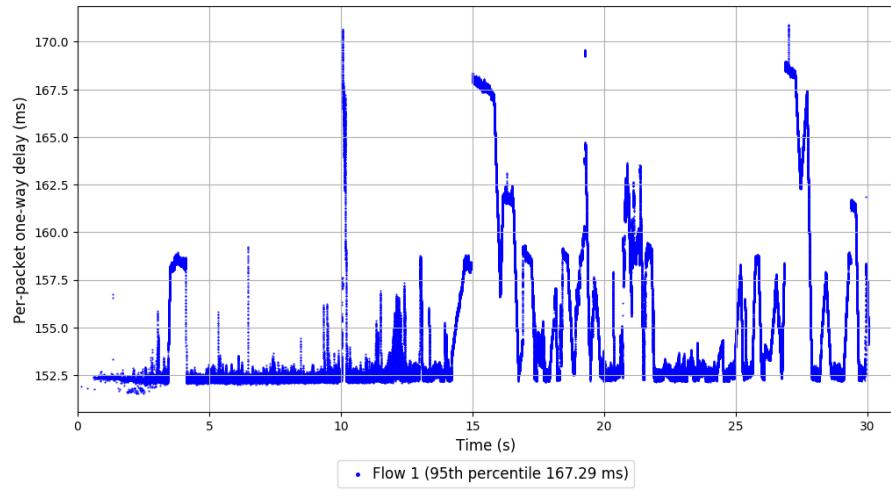
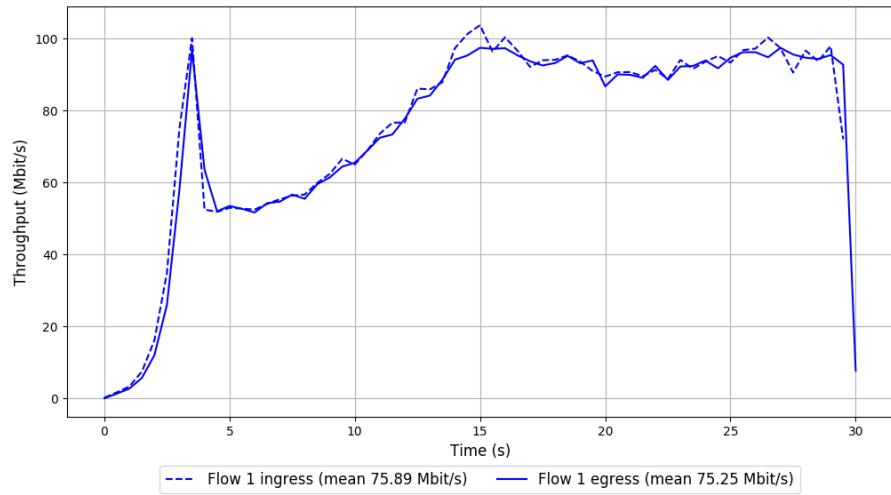


Run 1: Statistics of Vivace-loss

```
Start at: 2018-04-10 13:27:33
End at: 2018-04-10 13:28:03
Local clock offset: 16.348 ms
Remote clock offset: 0.222 ms

# Below is generated by plot.py at 2018-04-10 17:49:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.25 Mbit/s
95th percentile per-packet one-way delay: 167.291 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 75.25 Mbit/s
95th percentile per-packet one-way delay: 167.291 ms
Loss rate: 0.84%
```

Run 1: Report of Vivace-loss — Data Link

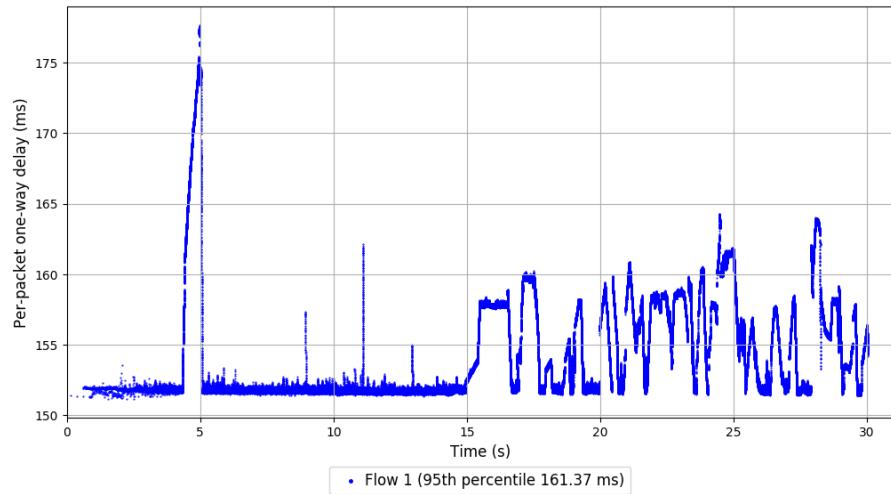
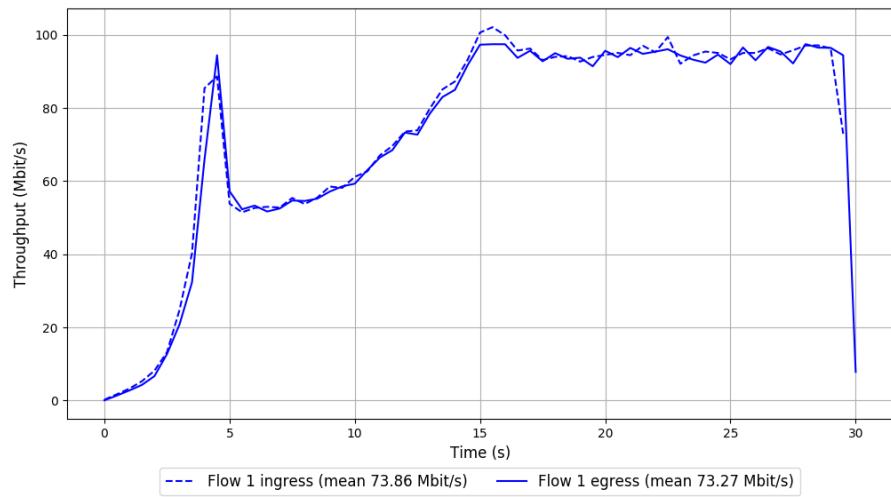


Run 2: Statistics of Vivace-loss

```
Start at: 2018-04-10 13:51:45
End at: 2018-04-10 13:52:16
Local clock offset: 16.16 ms
Remote clock offset: 23.204 ms

# Below is generated by plot.py at 2018-04-10 17:49:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.27 Mbit/s
95th percentile per-packet one-way delay: 161.370 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 73.27 Mbit/s
95th percentile per-packet one-way delay: 161.370 ms
Loss rate: 0.79%
```

Run 2: Report of Vivace-loss — Data Link

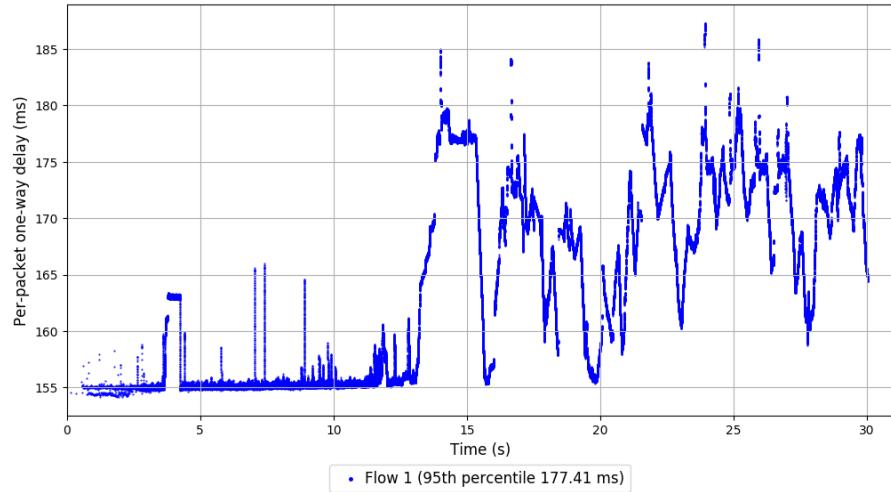
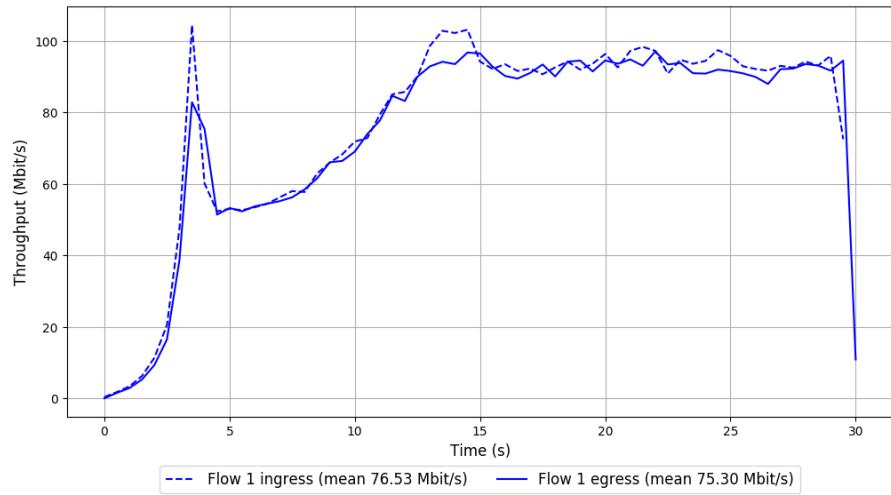


Run 3: Statistics of Vivace-loss

```
Start at: 2018-04-10 14:15:41
End at: 2018-04-10 14:16:11
Local clock offset: 15.245 ms
Remote clock offset: 8.468 ms

# Below is generated by plot.py at 2018-04-10 17:49:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.30 Mbit/s
95th percentile per-packet one-way delay: 177.410 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 75.30 Mbit/s
95th percentile per-packet one-way delay: 177.410 ms
Loss rate: 1.58%
```

Run 3: Report of Vivace-loss — Data Link

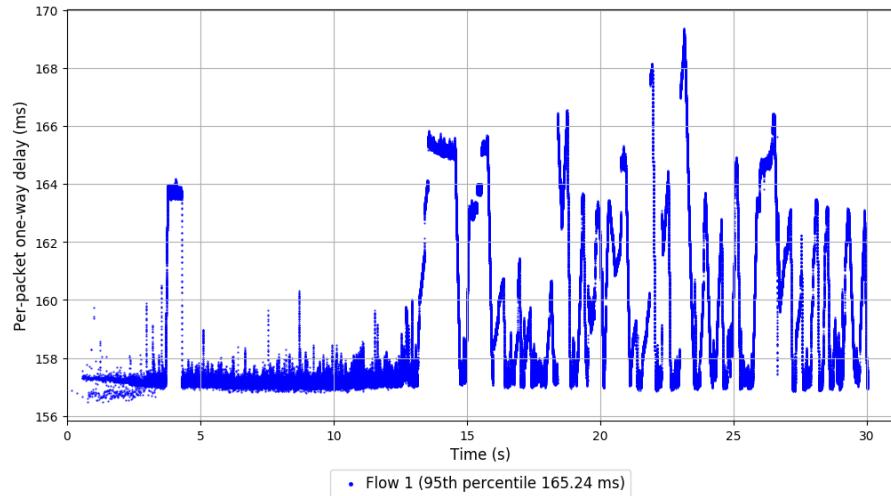
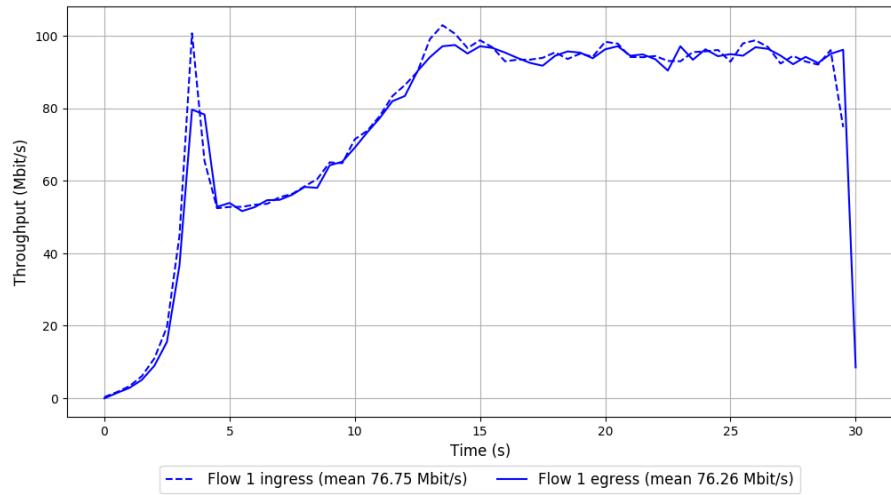


Run 4: Statistics of Vivace-loss

```
Start at: 2018-04-10 14:40:11
End at: 2018-04-10 14:40:41
Local clock offset: 15.514 ms
Remote clock offset: -1.965 ms

# Below is generated by plot.py at 2018-04-10 17:50:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.26 Mbit/s
95th percentile per-packet one-way delay: 165.239 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 76.26 Mbit/s
95th percentile per-packet one-way delay: 165.239 ms
Loss rate: 0.65%
```

Run 4: Report of Vivace-loss — Data Link

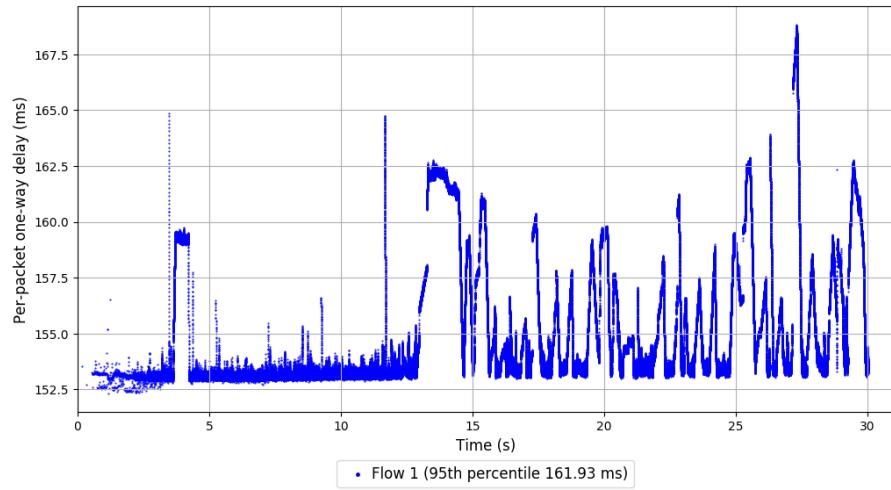
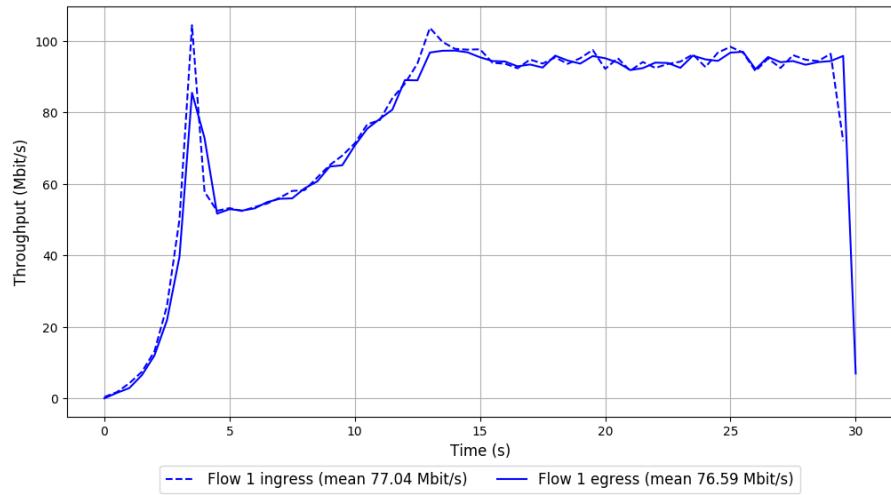


Run 5: Statistics of Vivace-loss

```
Start at: 2018-04-10 15:03:57
End at: 2018-04-10 15:04:27
Local clock offset: 25.557 ms
Remote clock offset: 2.04 ms

# Below is generated by plot.py at 2018-04-10 17:50:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 161.933 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 161.933 ms
Loss rate: 0.59%
```

Run 5: Report of Vivace-loss — Data Link

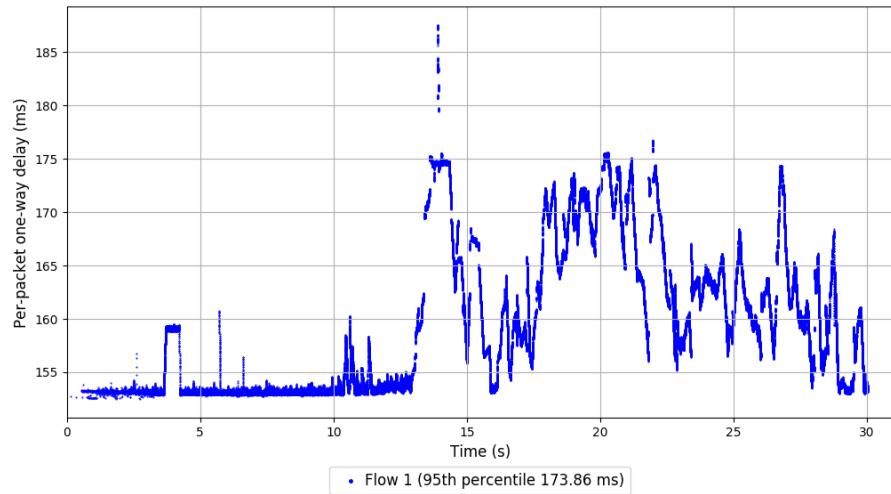
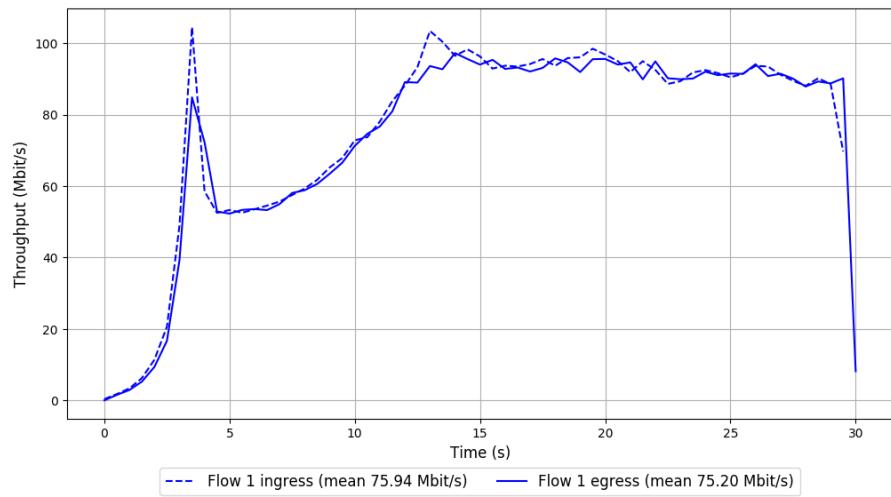


Run 6: Statistics of Vivace-loss

```
Start at: 2018-04-10 15:28:44
End at: 2018-04-10 15:29:14
Local clock offset: 21.443 ms
Remote clock offset: 1.993 ms

# Below is generated by plot.py at 2018-04-10 17:50:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.20 Mbit/s
95th percentile per-packet one-way delay: 173.863 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 75.20 Mbit/s
95th percentile per-packet one-way delay: 173.863 ms
Loss rate: 0.98%
```

Run 6: Report of Vivace-loss — Data Link

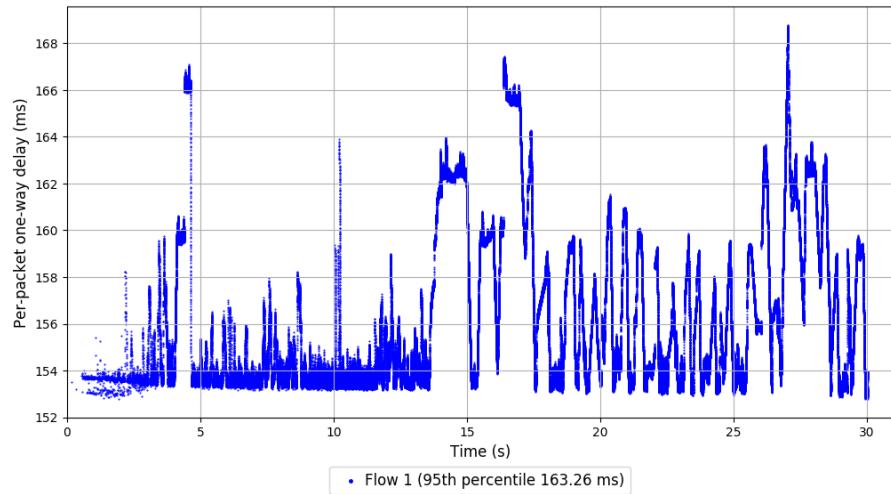
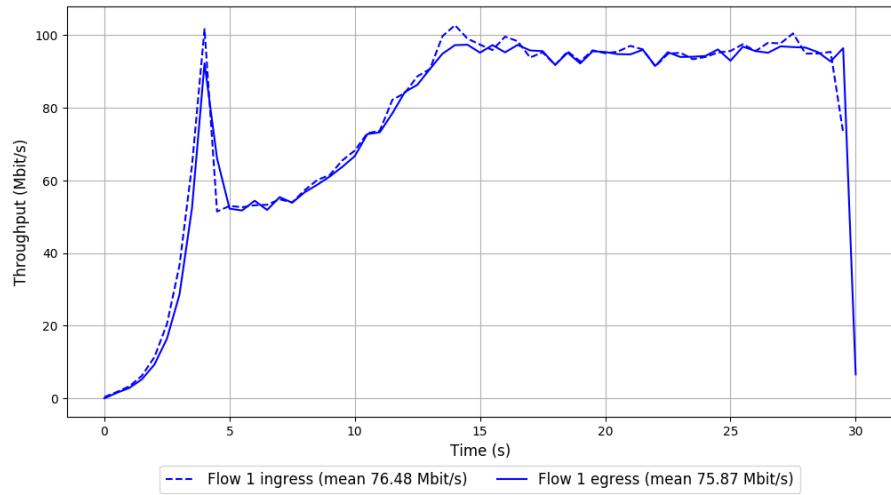


Run 7: Statistics of Vivace-loss

```
Start at: 2018-04-10 15:51:24
End at: 2018-04-10 15:51:54
Local clock offset: 15.728 ms
Remote clock offset: 7.521 ms

# Below is generated by plot.py at 2018-04-10 17:50:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 163.257 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 163.257 ms
Loss rate: 0.79%
```

Run 7: Report of Vivace-loss — Data Link

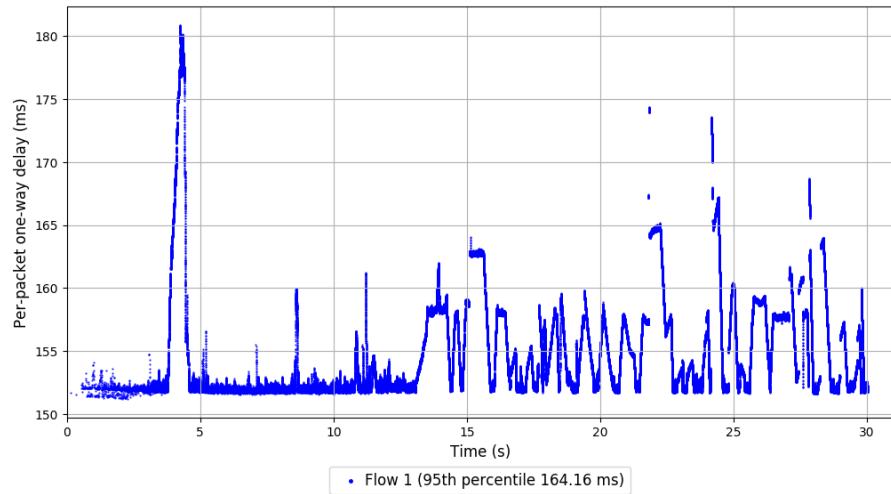
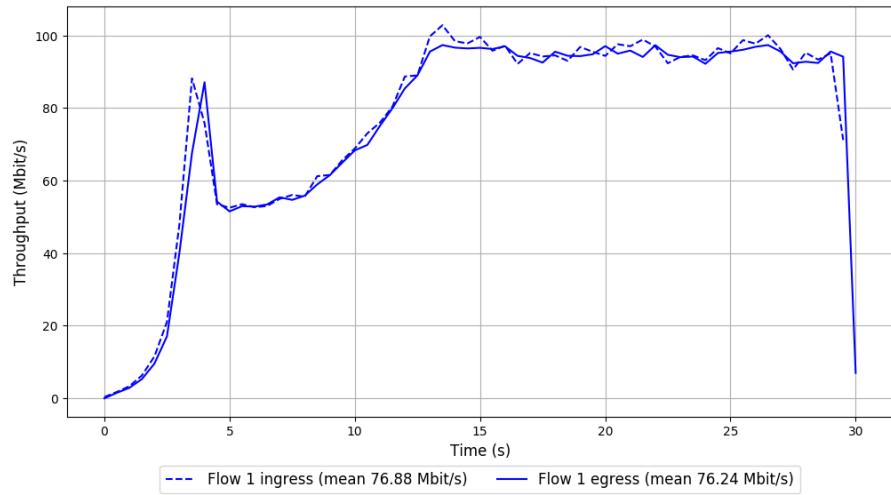


Run 8: Statistics of Vivace-loss

```
Start at: 2018-04-10 16:13:59
End at: 2018-04-10 16:14:29
Local clock offset: 18.105 ms
Remote clock offset: 23.639 ms

# Below is generated by plot.py at 2018-04-10 17:50:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.24 Mbit/s
95th percentile per-packet one-way delay: 164.163 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 76.24 Mbit/s
95th percentile per-packet one-way delay: 164.163 ms
Loss rate: 0.83%
```

Run 8: Report of Vivace-loss — Data Link

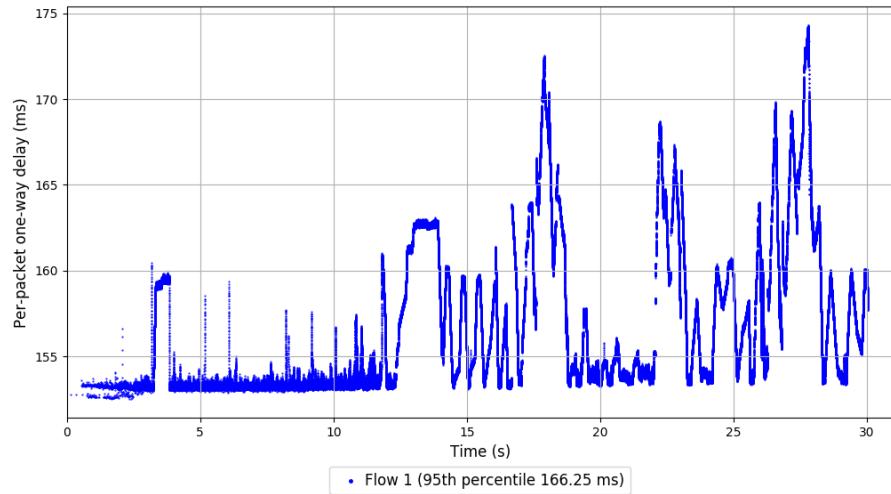
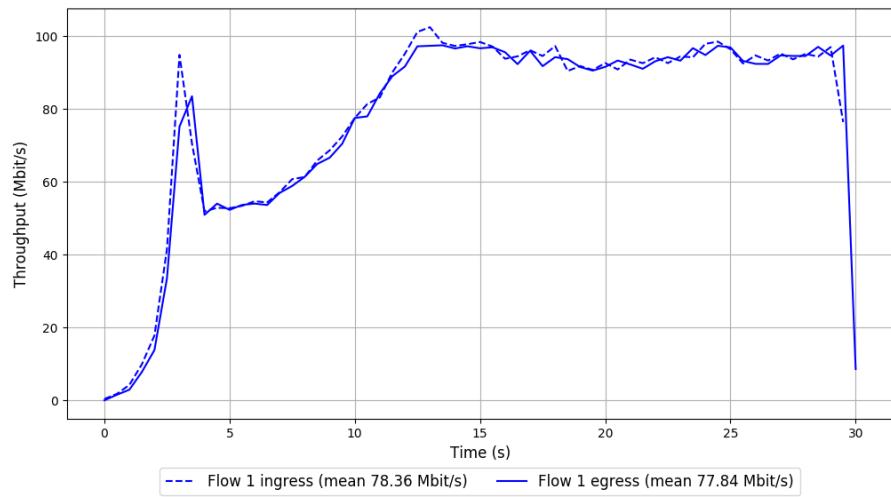


Run 9: Statistics of Vivace-loss

```
Start at: 2018-04-10 16:37:48
End at: 2018-04-10 16:38:18
Local clock offset: 12.373 ms
Remote clock offset: 6.999 ms

# Below is generated by plot.py at 2018-04-10 17:51:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 166.251 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 166.251 ms
Loss rate: 0.65%
```

Run 9: Report of Vivace-loss — Data Link

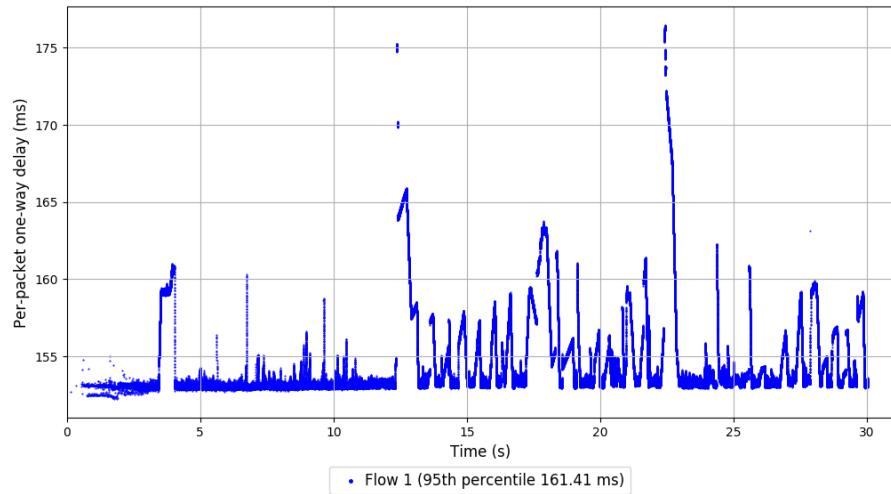
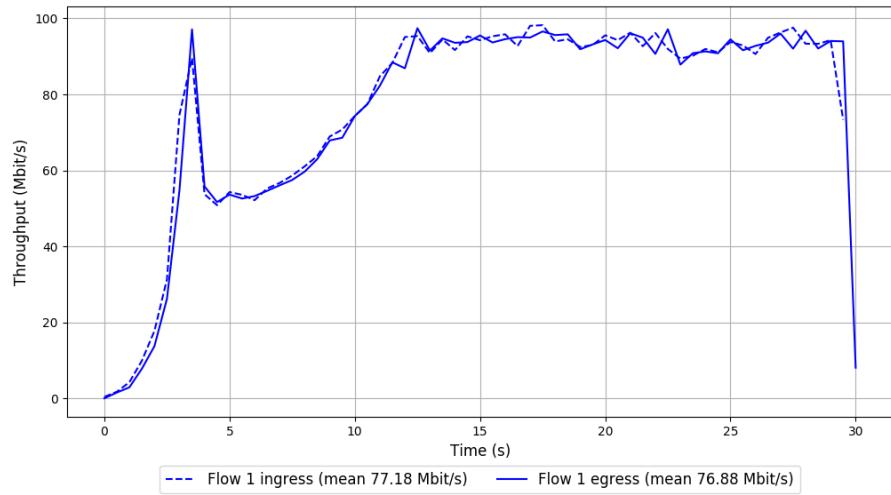


Run 10: Statistics of Vivace-loss

```
Start at: 2018-04-10 17:00:45
End at: 2018-04-10 17:01:15
Local clock offset: 7.042 ms
Remote clock offset: 1.934 ms

# Below is generated by plot.py at 2018-04-10 17:51:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.88 Mbit/s
95th percentile per-packet one-way delay: 161.408 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 76.88 Mbit/s
95th percentile per-packet one-way delay: 161.408 ms
Loss rate: 0.39%
```

Run 10: Report of Vivace-loss — Data Link

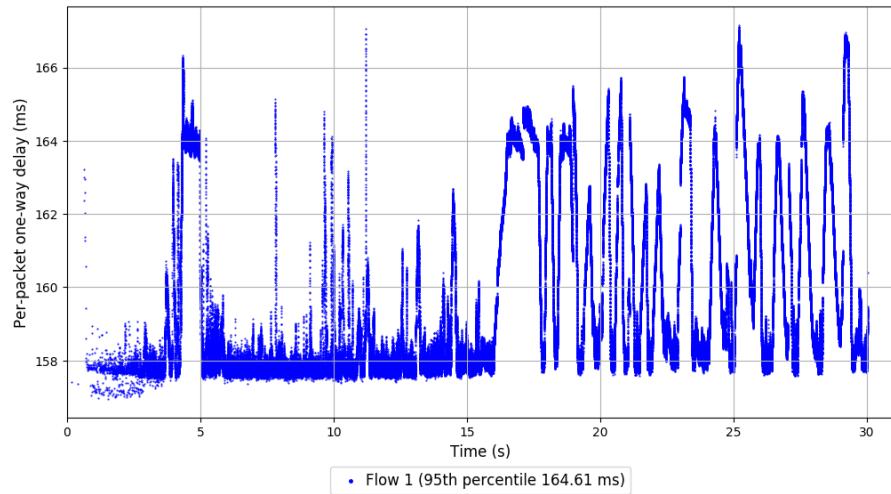
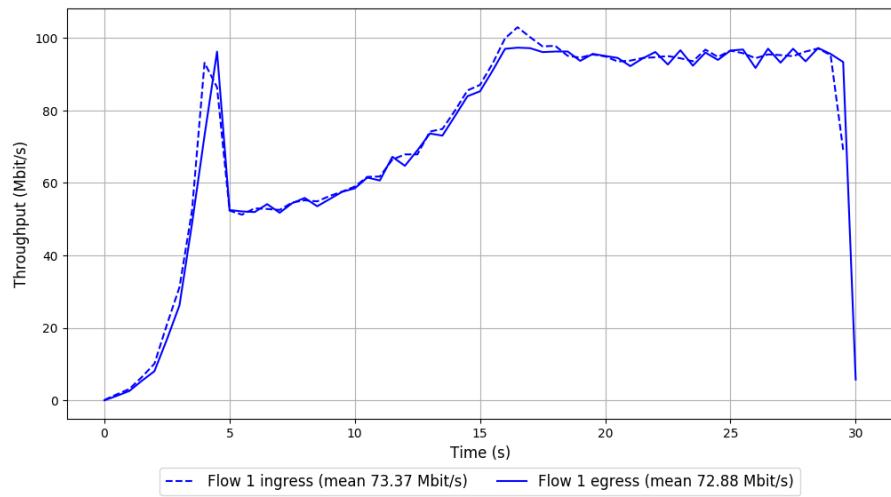


Run 1: Statistics of Vivace-LTE

```
Start at: 2018-04-10 13:24:53
End at: 2018-04-10 13:25:23
Local clock offset: 16.834 ms
Remote clock offset: 0.548 ms

# Below is generated by plot.py at 2018-04-10 17:51:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.88 Mbit/s
95th percentile per-packet one-way delay: 164.610 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 72.88 Mbit/s
95th percentile per-packet one-way delay: 164.610 ms
Loss rate: 0.67%
```

Run 1: Report of Vivace-LTE — Data Link

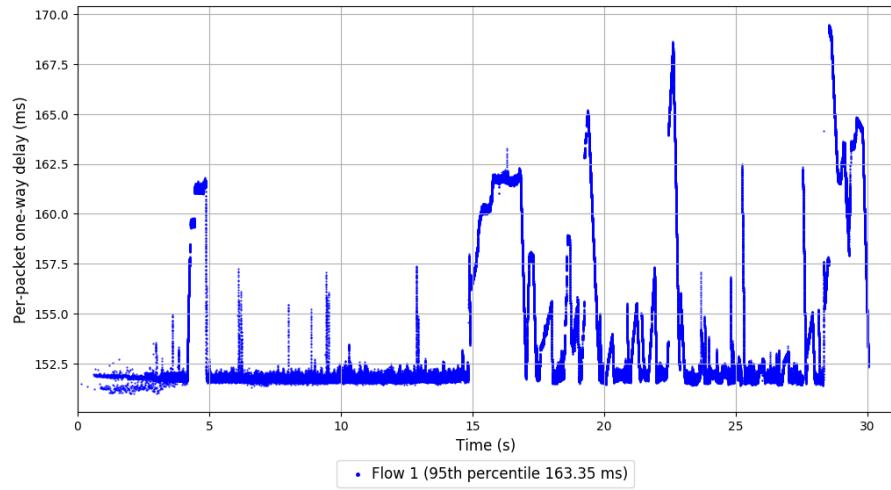
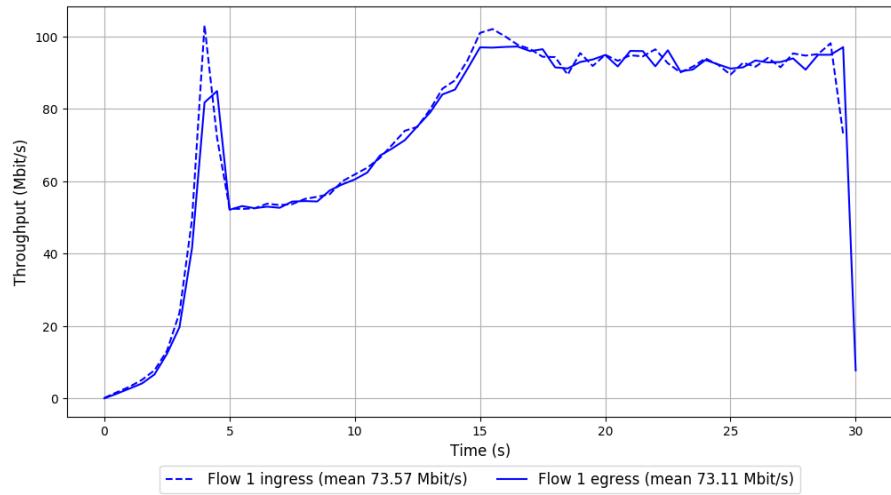


Run 2: Statistics of Vivace-LTE

```
Start at: 2018-04-10 13:49:02
End at: 2018-04-10 13:49:32
Local clock offset: 16.222 ms
Remote clock offset: 21.627 ms

# Below is generated by plot.py at 2018-04-10 17:51:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.11 Mbit/s
95th percentile per-packet one-way delay: 163.355 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 73.11 Mbit/s
95th percentile per-packet one-way delay: 163.355 ms
Loss rate: 0.63%
```

Run 2: Report of Vivace-LTE — Data Link

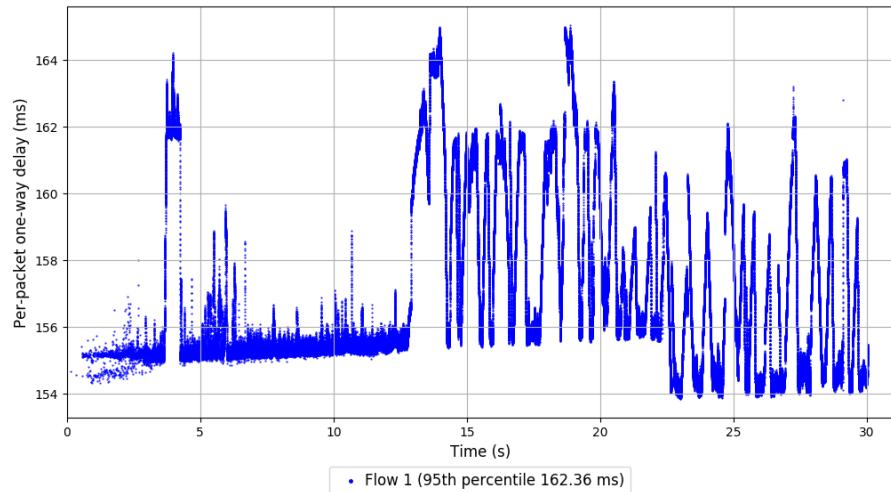
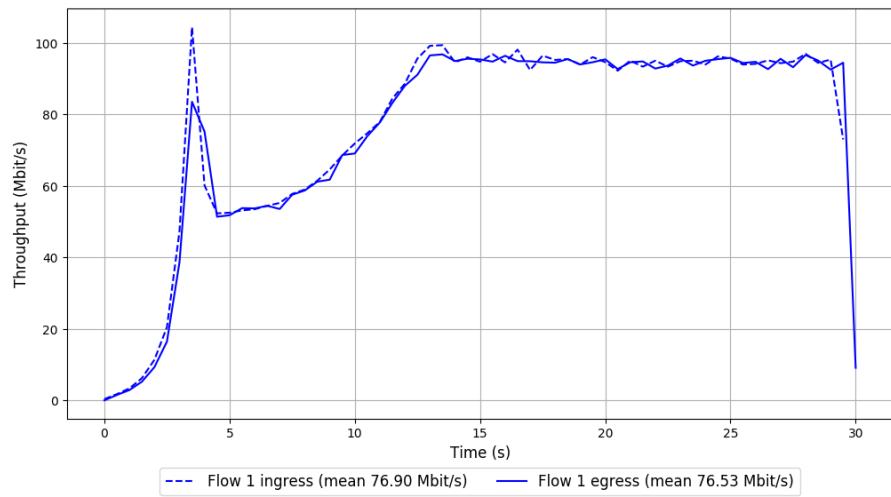


Run 3: Statistics of Vivace-LTE

```
Start at: 2018-04-10 14:13:00
End at: 2018-04-10 14:13:30
Local clock offset: 14.551 ms
Remote clock offset: 11.788 ms

# Below is generated by plot.py at 2018-04-10 17:51:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.53 Mbit/s
95th percentile per-packet one-way delay: 162.362 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 76.53 Mbit/s
95th percentile per-packet one-way delay: 162.362 ms
Loss rate: 0.47%
```

Run 3: Report of Vivace-LTE — Data Link

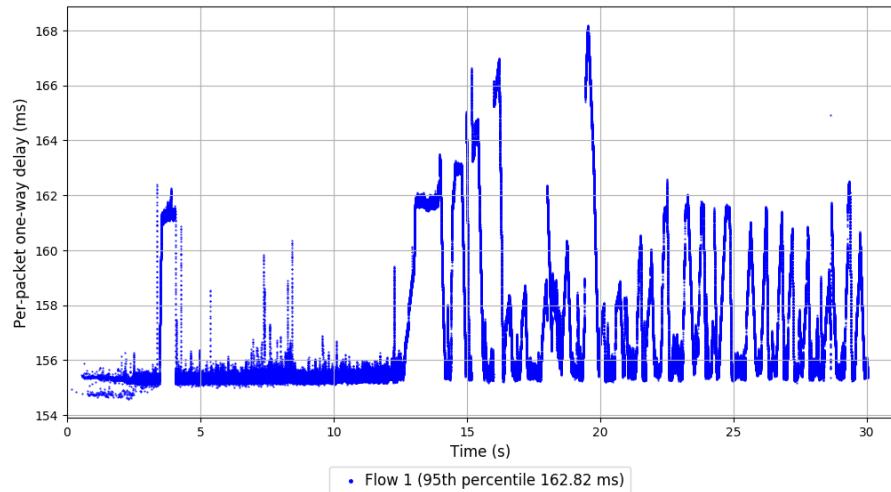
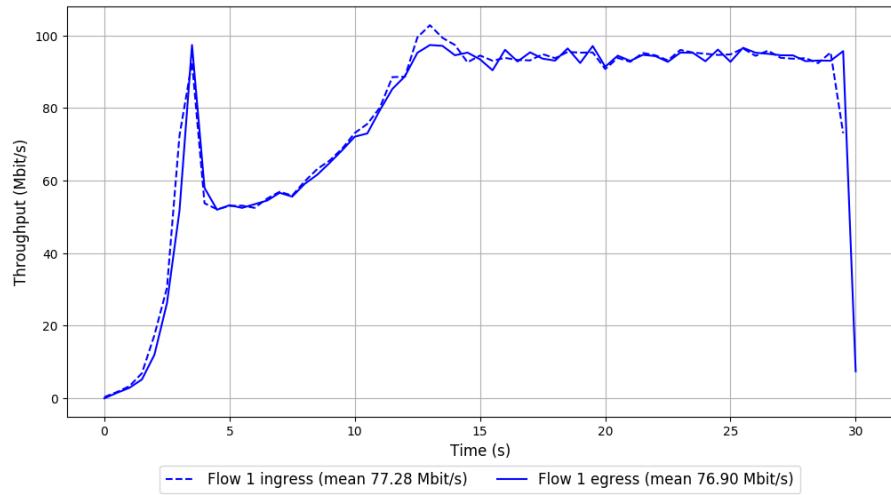


Run 4: Statistics of Vivace-LTE

```
Start at: 2018-04-10 14:37:30
End at: 2018-04-10 14:38:00
Local clock offset: 15.652 ms
Remote clock offset: -1.899 ms

# Below is generated by plot.py at 2018-04-10 17:51:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.90 Mbit/s
95th percentile per-packet one-way delay: 162.819 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 76.90 Mbit/s
95th percentile per-packet one-way delay: 162.819 ms
Loss rate: 0.50%
```

Run 4: Report of Vivace-LTE — Data Link

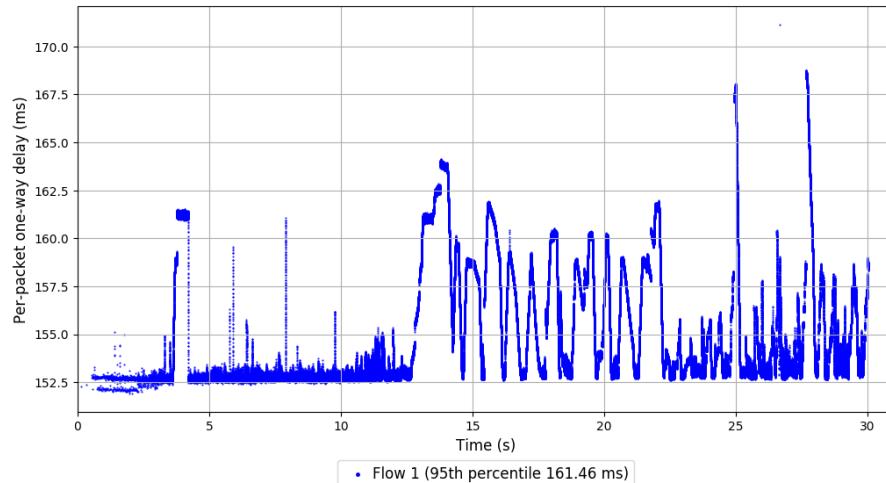
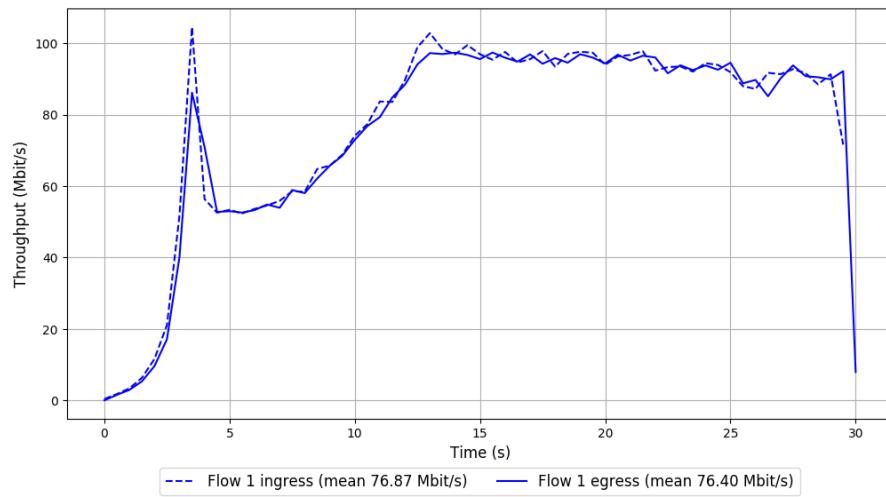


Run 5: Statistics of Vivace-LTE

```
Start at: 2018-04-10 15:01:21
End at: 2018-04-10 15:01:51
Local clock offset: 24.768 ms
Remote clock offset: 1.931 ms

# Below is generated by plot.py at 2018-04-10 17:51:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.40 Mbit/s
95th percentile per-packet one-way delay: 161.455 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 76.40 Mbit/s
95th percentile per-packet one-way delay: 161.455 ms
Loss rate: 0.60%
```

Run 5: Report of Vivace-LTE — Data Link

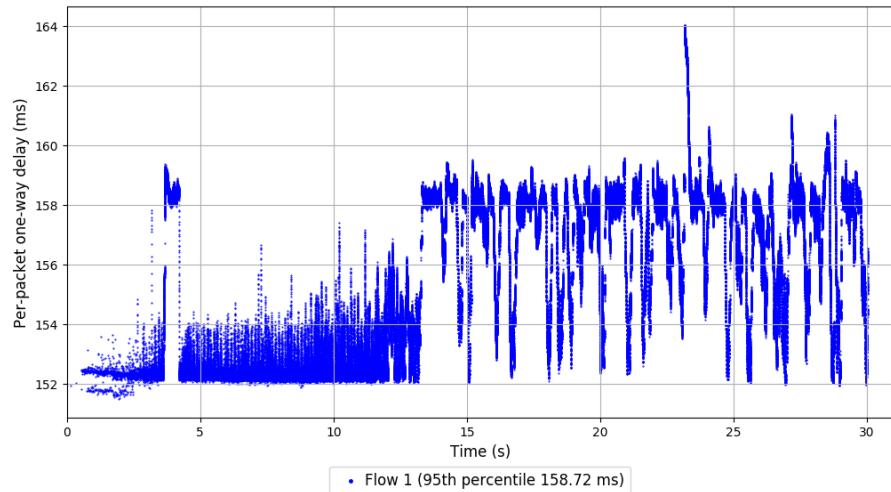
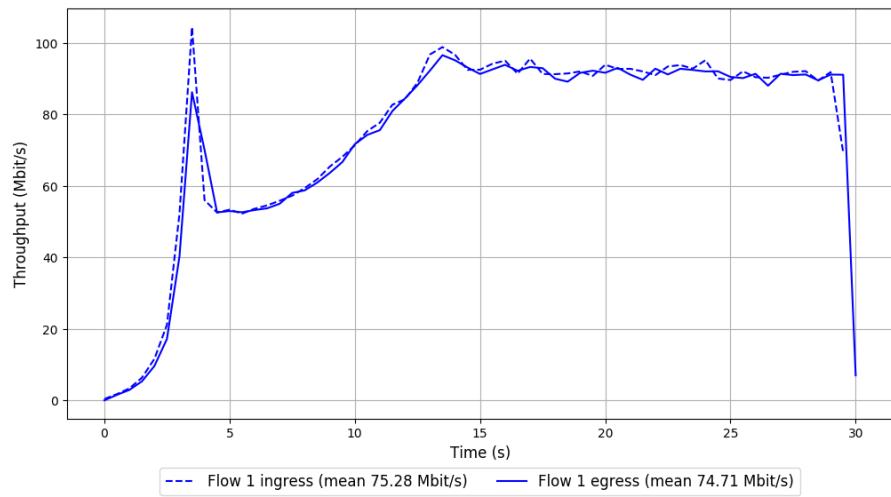


Run 6: Statistics of Vivace-LTE

```
Start at: 2018-04-10 15:26:11
End at: 2018-04-10 15:26:41
Local clock offset: 23.016 ms
Remote clock offset: 2.072 ms

# Below is generated by plot.py at 2018-04-10 17:52:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.71 Mbit/s
95th percentile per-packet one-way delay: 158.721 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 74.71 Mbit/s
95th percentile per-packet one-way delay: 158.721 ms
Loss rate: 0.75%
```

Run 6: Report of Vivace-LTE — Data Link

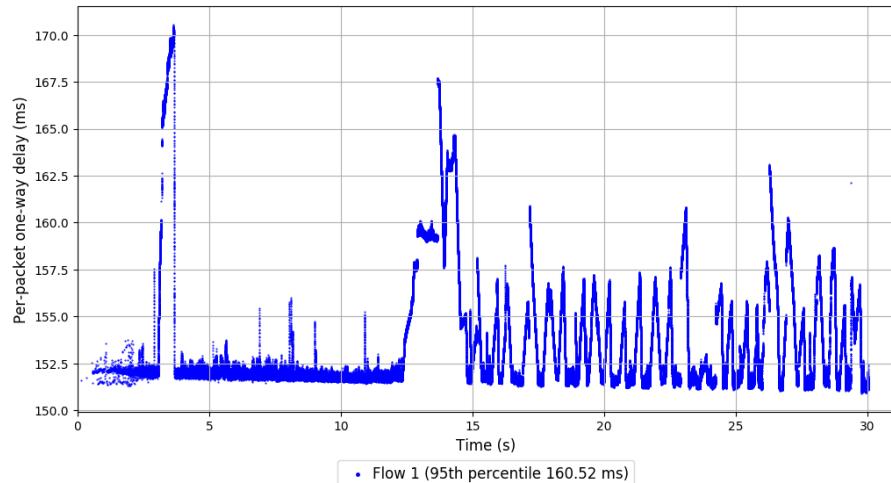
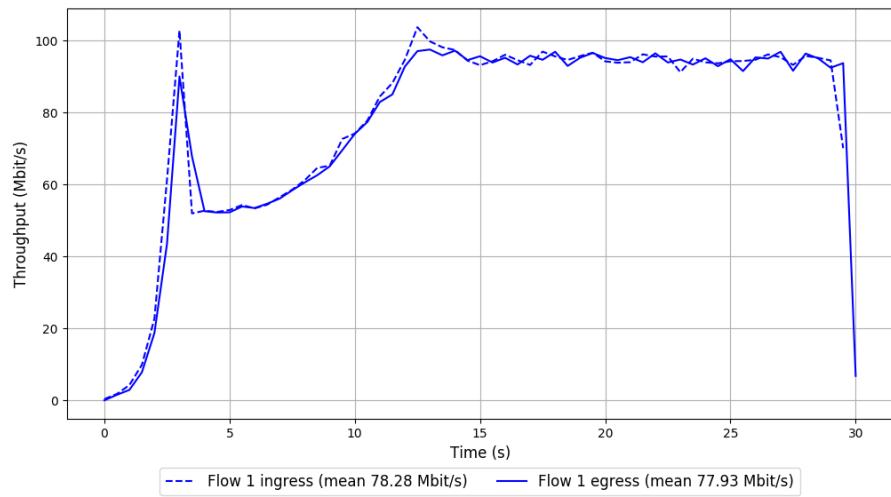


Run 7: Statistics of Vivace-LTE

```
Start at: 2018-04-10 15:48:52
End at: 2018-04-10 15:49:22
Local clock offset: 16.116 ms
Remote clock offset: 3.536 ms

# Below is generated by plot.py at 2018-04-10 17:52:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.93 Mbit/s
95th percentile per-packet one-way delay: 160.521 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 77.93 Mbit/s
95th percentile per-packet one-way delay: 160.521 ms
Loss rate: 0.44%
```

Run 7: Report of Vivace-LTE — Data Link

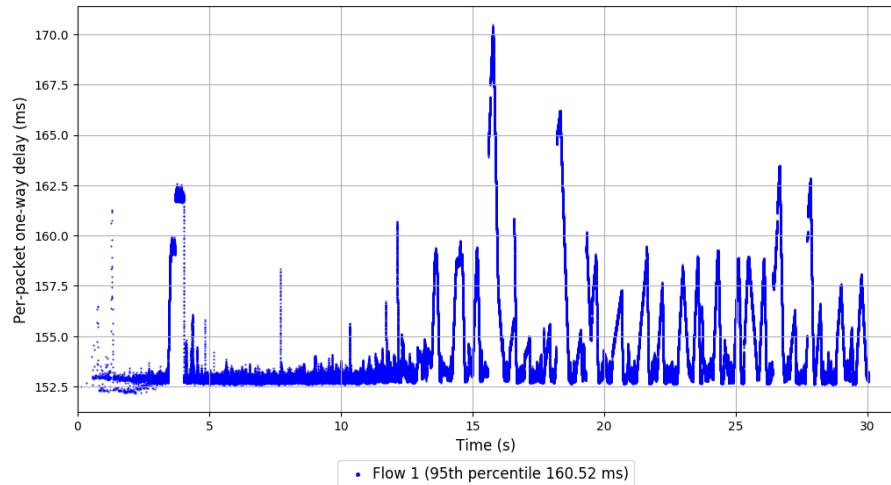
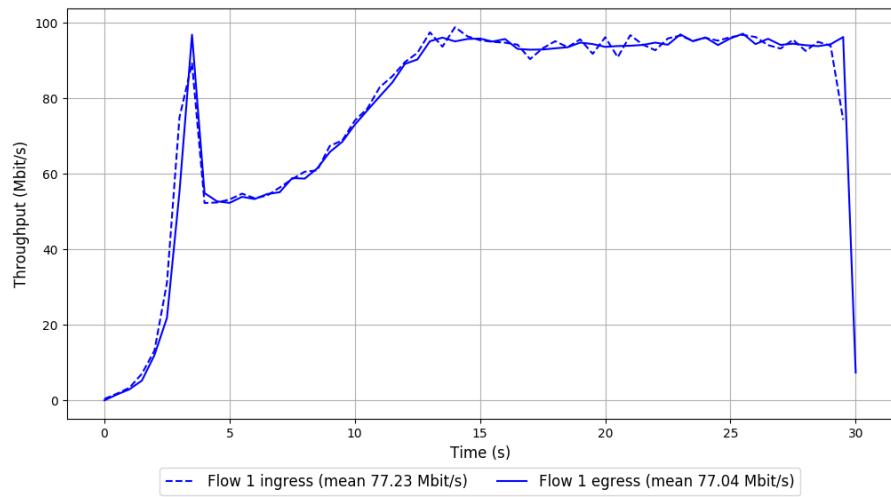


Run 8: Statistics of Vivace-LTE

```
Start at: 2018-04-10 16:11:27
End at: 2018-04-10 16:11:57
Local clock offset: 18.022 ms
Remote clock offset: 22.61 ms

# Below is generated by plot.py at 2018-04-10 17:52:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.04 Mbit/s
95th percentile per-packet one-way delay: 160.519 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 77.04 Mbit/s
95th percentile per-packet one-way delay: 160.519 ms
Loss rate: 0.25%
```

Run 8: Report of Vivace-LTE — Data Link

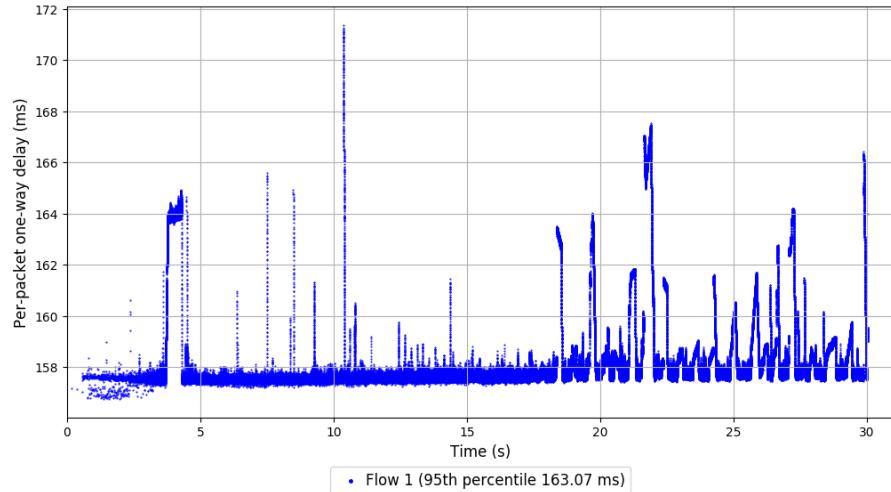
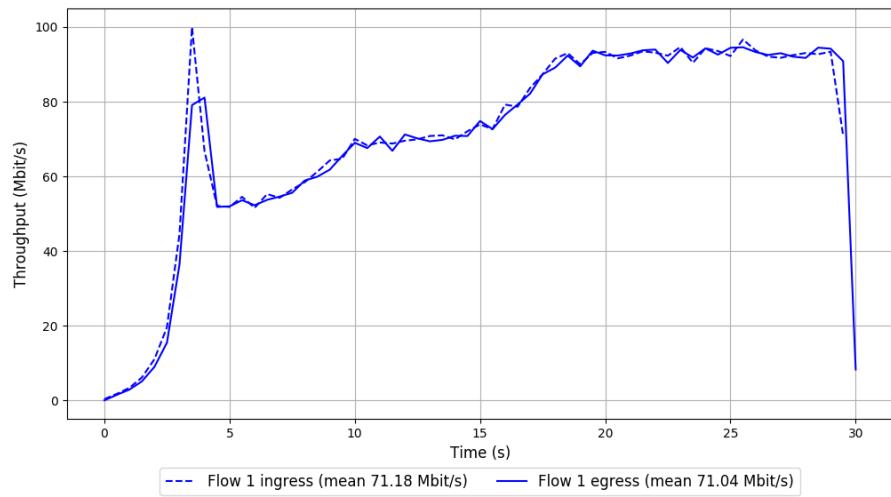


Run 9: Statistics of Vivace-LTE

```
Start at: 2018-04-10 16:35:16
End at: 2018-04-10 16:35:46
Local clock offset: 13.234 ms
Remote clock offset: 8.223 ms

# Below is generated by plot.py at 2018-04-10 17:52:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.04 Mbit/s
95th percentile per-packet one-way delay: 163.067 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 71.04 Mbit/s
95th percentile per-packet one-way delay: 163.067 ms
Loss rate: 0.17%
```

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

```
Start at: 2018-04-10 16:58:12
End at: 2018-04-10 16:58:42
Local clock offset: 7.408 ms
Remote clock offset: 2.659 ms

# Below is generated by plot.py at 2018-04-10 17:52:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.99 Mbit/s
95th percentile per-packet one-way delay: 161.606 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 76.99 Mbit/s
95th percentile per-packet one-way delay: 161.606 ms
Loss rate: 0.34%
```

Run 10: Report of Vivace-LTE — Data Link

