

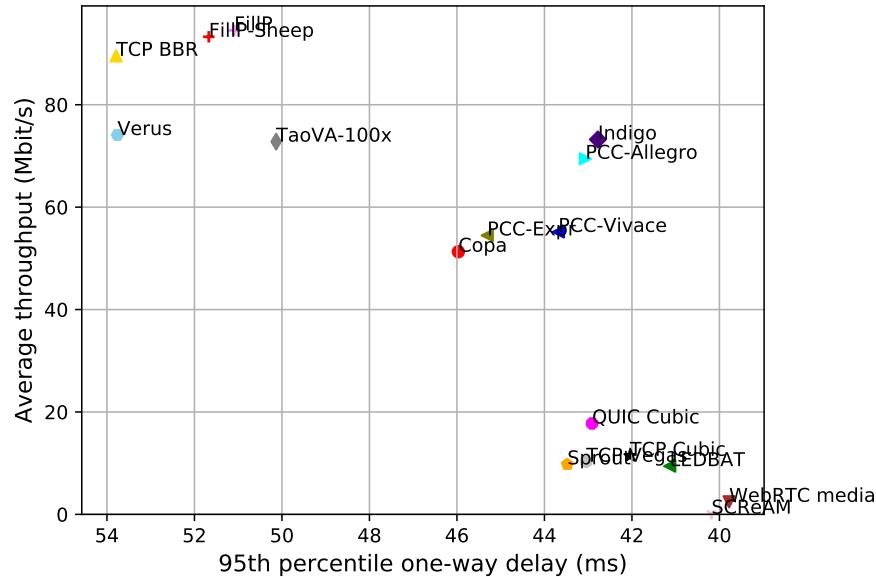
## Pantheon Report

Generated at 2018-07-10 16:41:37 (UTC).  
Data path: Mexico Ethernet (*remote*) → AWS California 2 Ethernet (*local*).  
Repeated the test of 17 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).  
NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

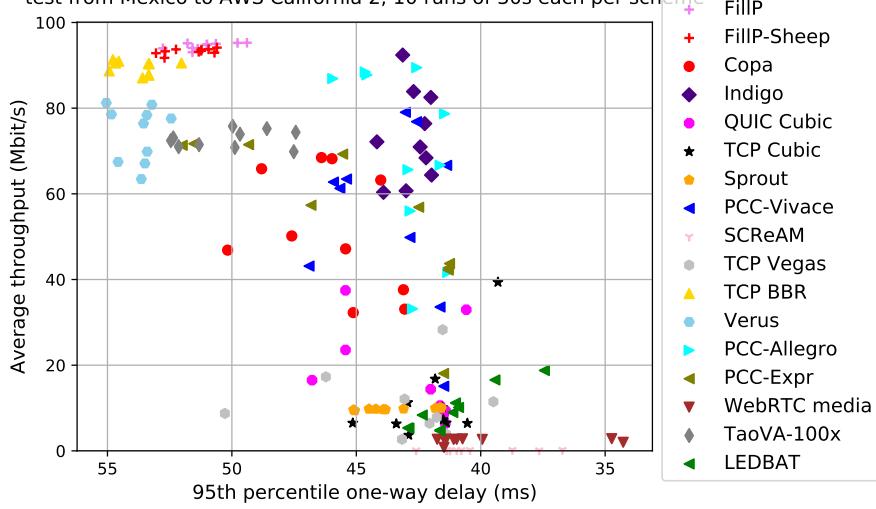
Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



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



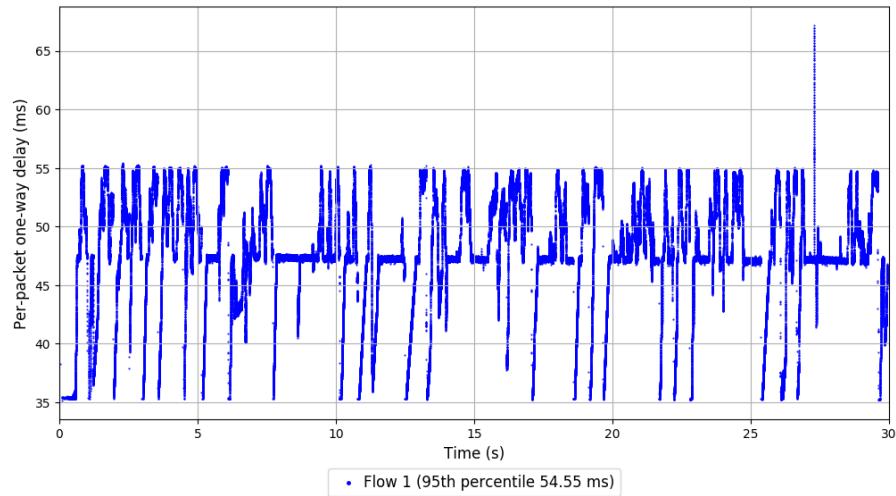
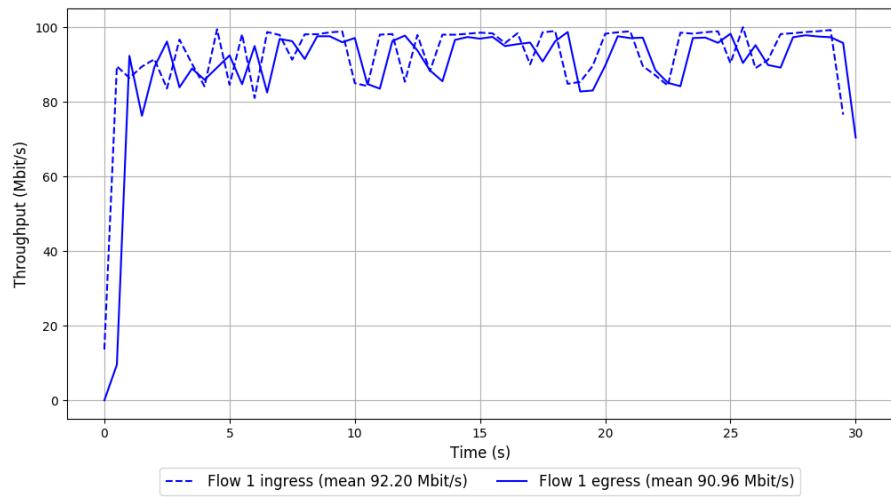
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	89.54	53.79	1.81
Copa	10	51.29	45.97	1.20
TCP Cubic	10	11.44	42.05	0.93
FillP	10	94.53	51.09	1.47
FillP-Sheep	10	93.26	51.67	1.44
Indigo	10	73.21	42.78	1.27
LEDBAT	10	9.42	41.14	0.95
PCC-Allegro	10	69.44	43.06	1.13
PCC-Expr	10	54.48	45.31	1.18
QUIC Cubic	9	17.76	42.91	0.98
SCReAM	10	0.14	40.18	0.87
Sprout	10	9.77	43.48	1.06
TaoVA-100x	10	72.79	50.13	1.37
TCP Vegas	10	10.28	43.05	0.99
Verus	10	74.09	53.76	1.73
PCC-Vivace	10	55.16	43.68	1.19
WebRTC media	10	2.44	39.78	0.93

Run 1: Statistics of TCP BBR

```
Start at: 2018-07-10 12:34:03
End at: 2018-07-10 12:34:33
Local clock offset: -0.15 ms
Remote clock offset: 1.169 ms

# Below is generated by plot.py at 2018-07-10 16:26:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.96 Mbit/s
95th percentile per-packet one-way delay: 54.546 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 90.96 Mbit/s
95th percentile per-packet one-way delay: 54.546 ms
Loss rate: 1.59%
```

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

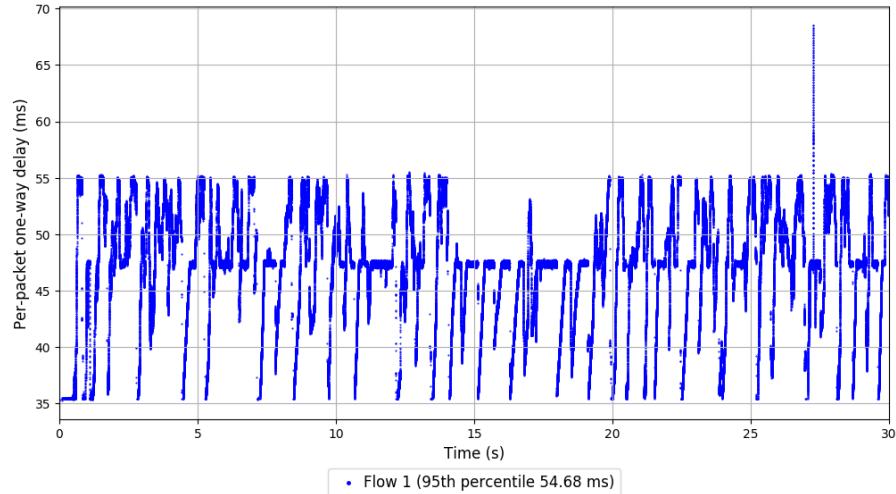
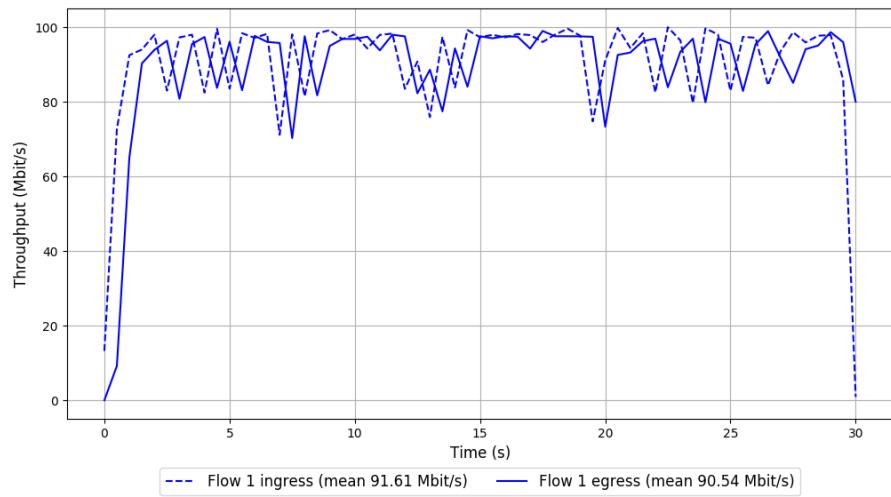


Run 2: Statistics of TCP BBR

```
Start at: 2018-07-10 12:57:51
End at: 2018-07-10 12:58:21
Local clock offset: -0.152 ms
Remote clock offset: 0.108 ms

# Below is generated by plot.py at 2018-07-10 16:26:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.54 Mbit/s
95th percentile per-packet one-way delay: 54.677 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 90.54 Mbit/s
95th percentile per-packet one-way delay: 54.677 ms
Loss rate: 1.40%
```

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

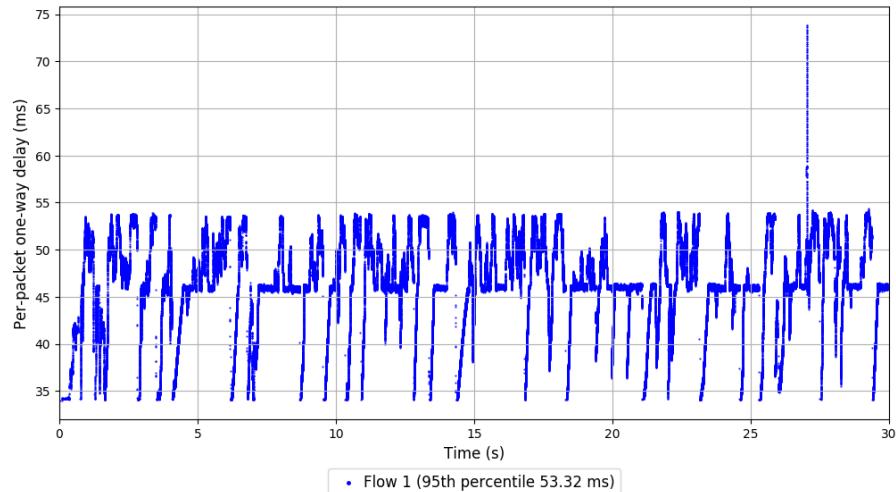
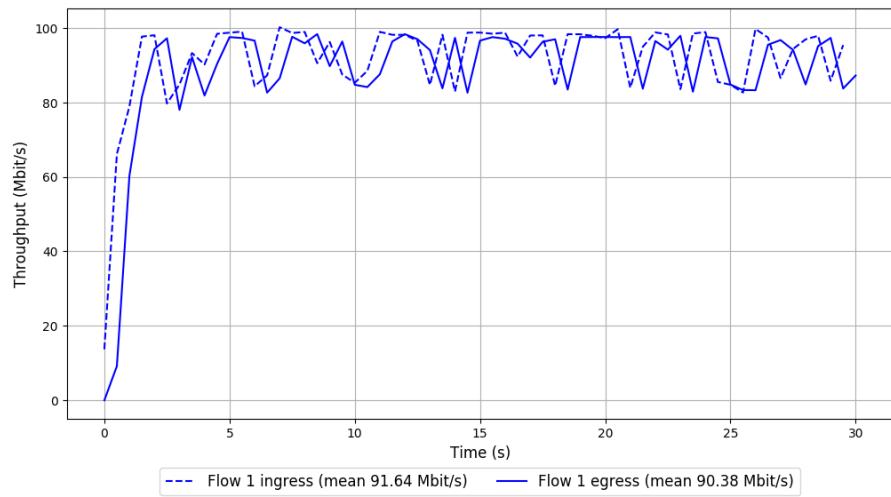


Run 3: Statistics of TCP BBR

```
Start at: 2018-07-10 13:22:15
End at: 2018-07-10 13:22:45
Local clock offset: -0.014 ms
Remote clock offset: 0.337 ms

# Below is generated by plot.py at 2018-07-10 16:26:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.38 Mbit/s
95th percentile per-packet one-way delay: 53.321 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 90.38 Mbit/s
95th percentile per-packet one-way delay: 53.321 ms
Loss rate: 1.60%
```

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

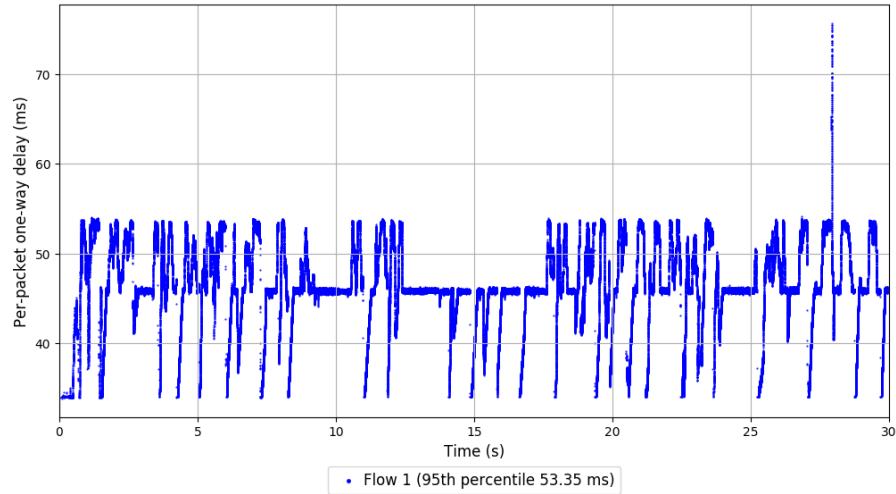
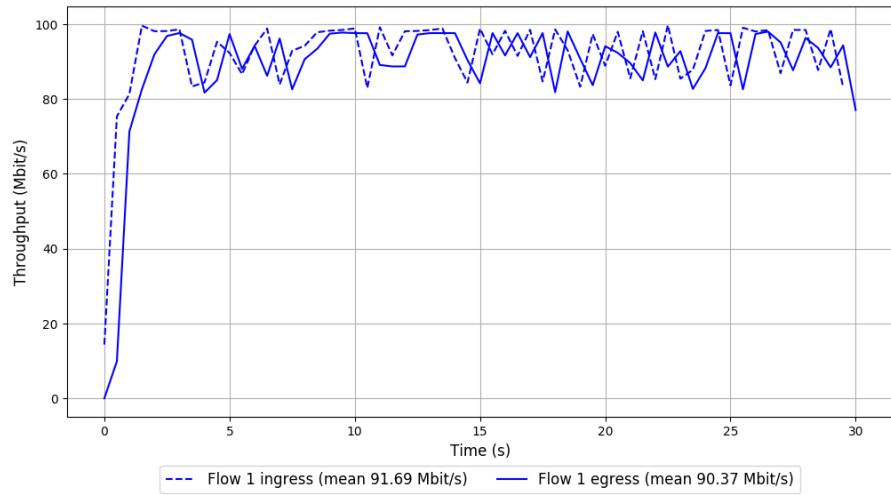


Run 4: Statistics of TCP BBR

```
Start at: 2018-07-10 13:46:20
End at: 2018-07-10 13:46:50
Local clock offset: -0.32 ms
Remote clock offset: 2.846 ms

# Below is generated by plot.py at 2018-07-10 16:26:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.37 Mbit/s
95th percentile per-packet one-way delay: 53.352 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 90.37 Mbit/s
95th percentile per-packet one-way delay: 53.352 ms
Loss rate: 1.67%
```

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

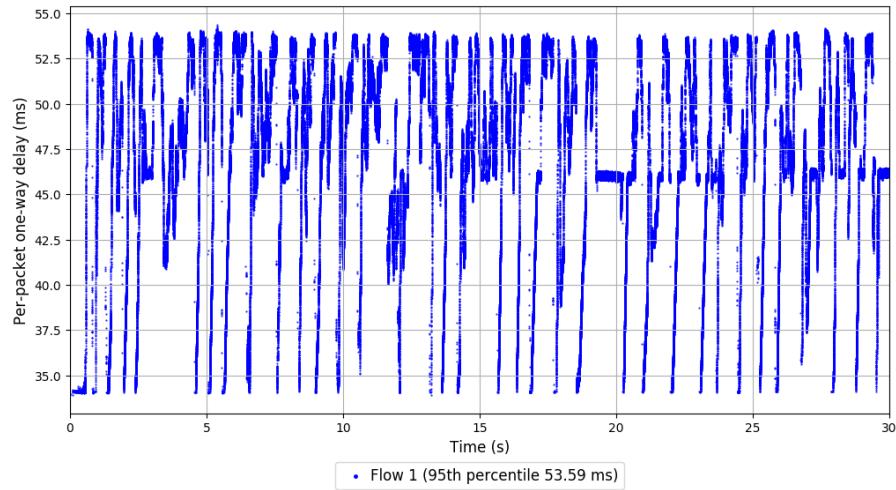
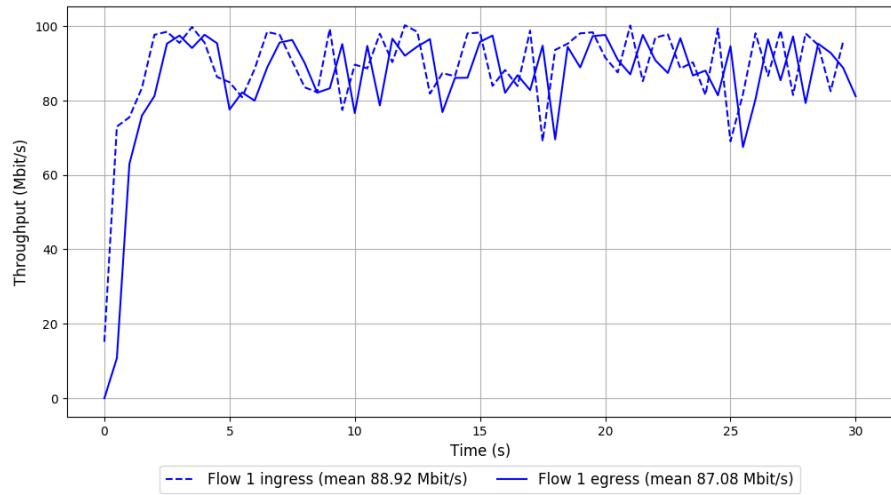


Run 5: Statistics of TCP BBR

```
Start at: 2018-07-10 14:11:07
End at: 2018-07-10 14:11:37
Local clock offset: -0.459 ms
Remote clock offset: 5.31 ms

# Below is generated by plot.py at 2018-07-10 16:26:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.08 Mbit/s
95th percentile per-packet one-way delay: 53.589 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 87.08 Mbit/s
95th percentile per-packet one-way delay: 53.589 ms
Loss rate: 2.30%
```

Run 5: Report of TCP BBR — Data Link

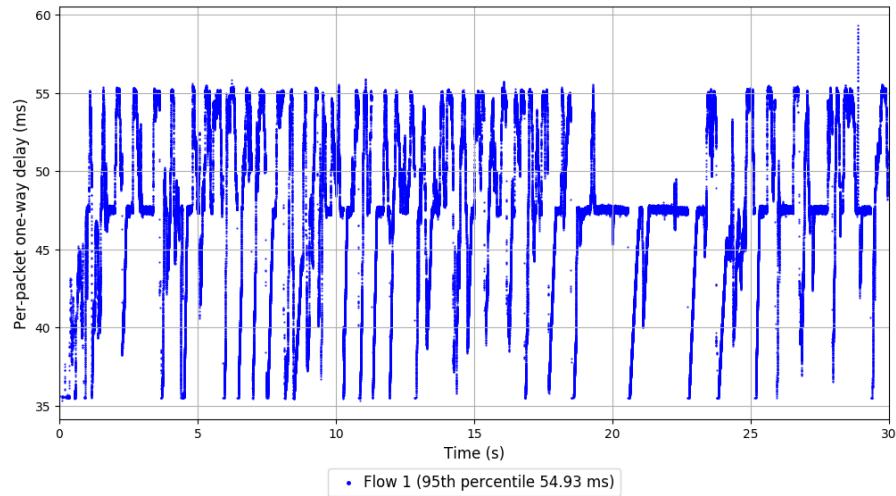
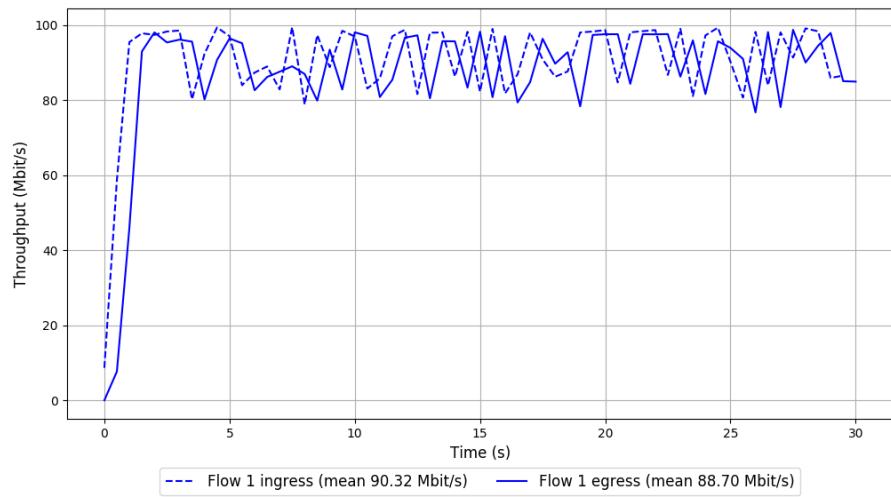


Run 6: Statistics of TCP BBR

```
Start at: 2018-07-10 14:37:25
End at: 2018-07-10 14:37:55
Local clock offset: -0.446 ms
Remote clock offset: 6.423 ms

# Below is generated by plot.py at 2018-07-10 16:26:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.70 Mbit/s
95th percentile per-packet one-way delay: 54.929 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 88.70 Mbit/s
95th percentile per-packet one-way delay: 54.929 ms
Loss rate: 1.99%
```

Run 6: Report of TCP BBR — Data Link

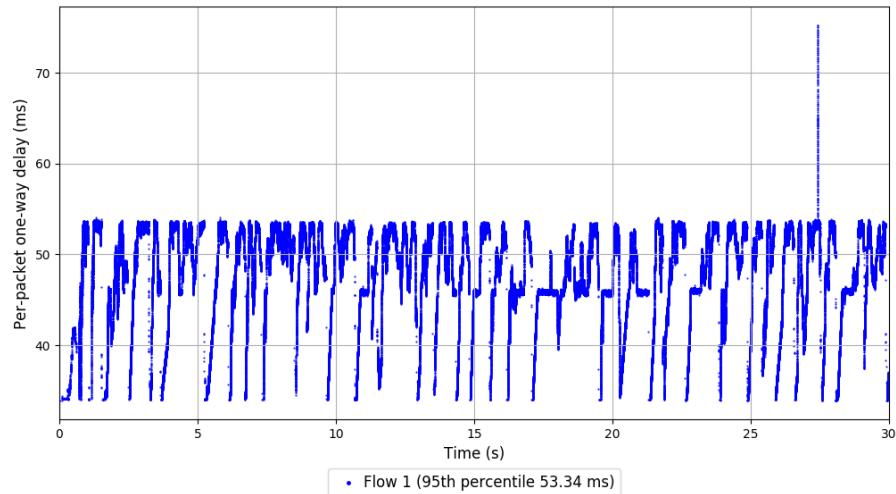
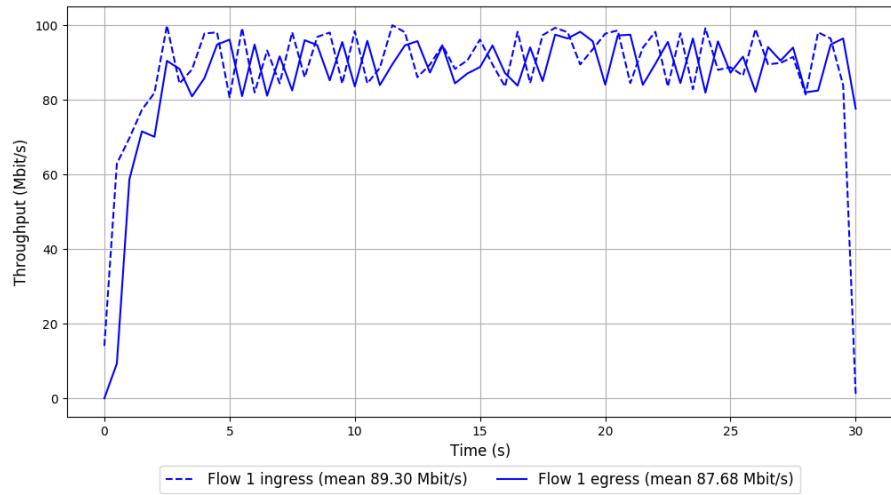


Run 7: Statistics of TCP BBR

```
Start at: 2018-07-10 15:02:37
End at: 2018-07-10 15:03:07
Local clock offset: -0.459 ms
Remote clock offset: -0.973 ms

# Below is generated by plot.py at 2018-07-10 16:26:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.68 Mbit/s
95th percentile per-packet one-way delay: 53.335 ms
Loss rate: 2.06%
-- Flow 1:
Average throughput: 87.68 Mbit/s
95th percentile per-packet one-way delay: 53.335 ms
Loss rate: 2.06%
```

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

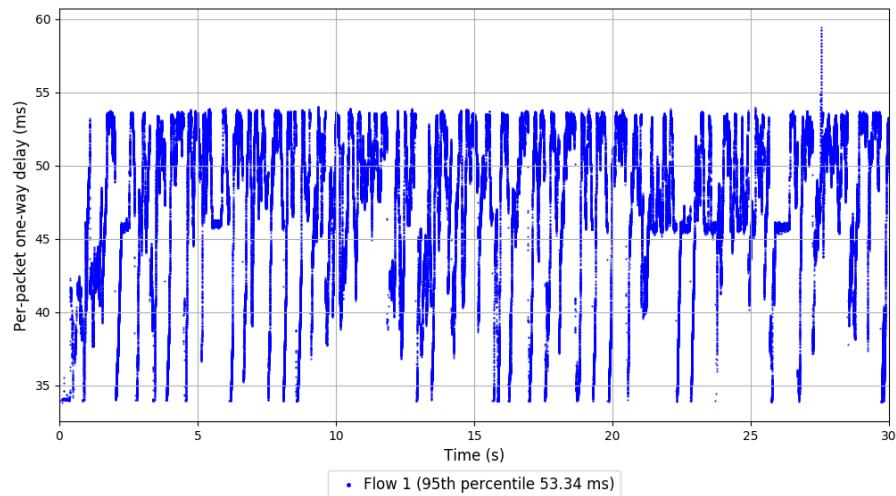
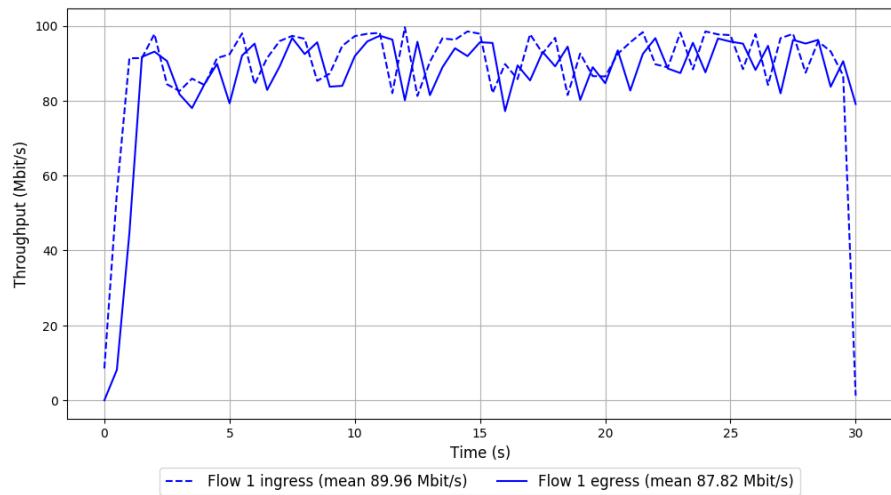


Run 8: Statistics of TCP BBR

```
Start at: 2018-07-10 15:29:12
End at: 2018-07-10 15:29:42
Local clock offset: -0.384 ms
Remote clock offset: -4.56 ms

# Below is generated by plot.py at 2018-07-10 16:26:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.82 Mbit/s
95th percentile per-packet one-way delay: 53.345 ms
Loss rate: 2.59%
-- Flow 1:
Average throughput: 87.82 Mbit/s
95th percentile per-packet one-way delay: 53.345 ms
Loss rate: 2.59%
```

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

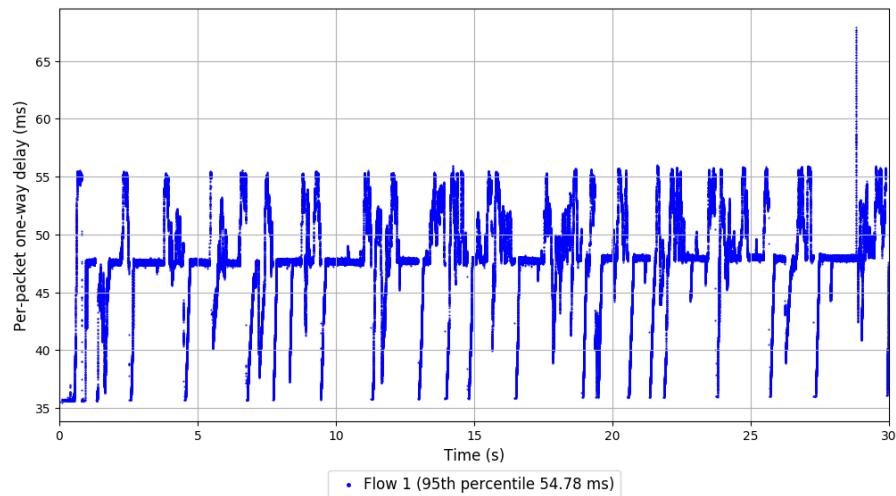
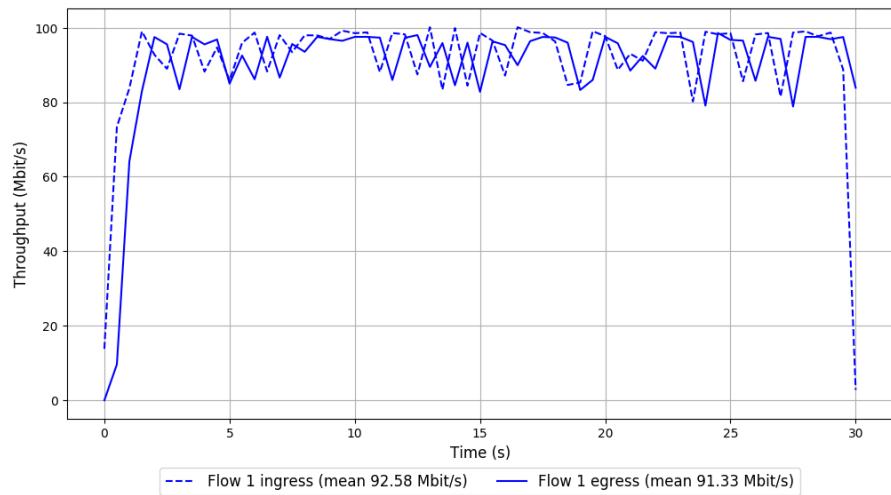


Run 9: Statistics of TCP BBR

```
Start at: 2018-07-10 15:54:30
End at: 2018-07-10 15:55:00
Local clock offset: -0.031 ms
Remote clock offset: -4.357 ms

# Below is generated by plot.py at 2018-07-10 16:27:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: 54.781 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: 54.781 ms
Loss rate: 1.58%
```

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

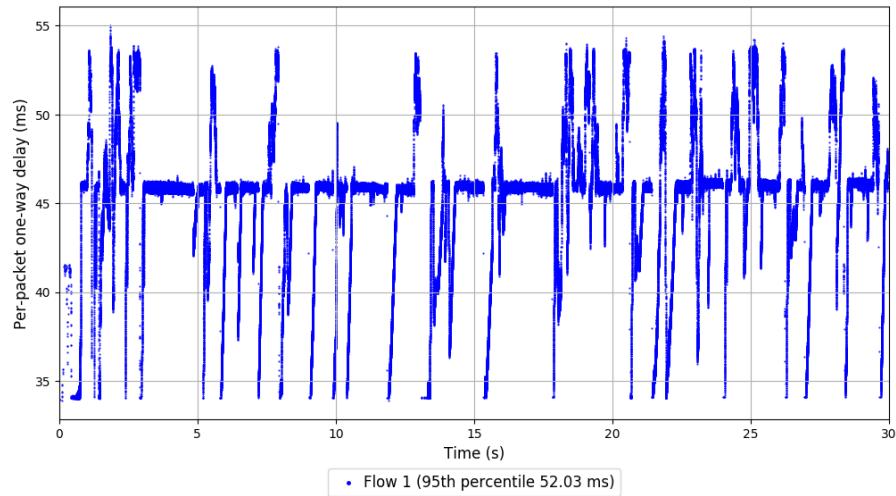
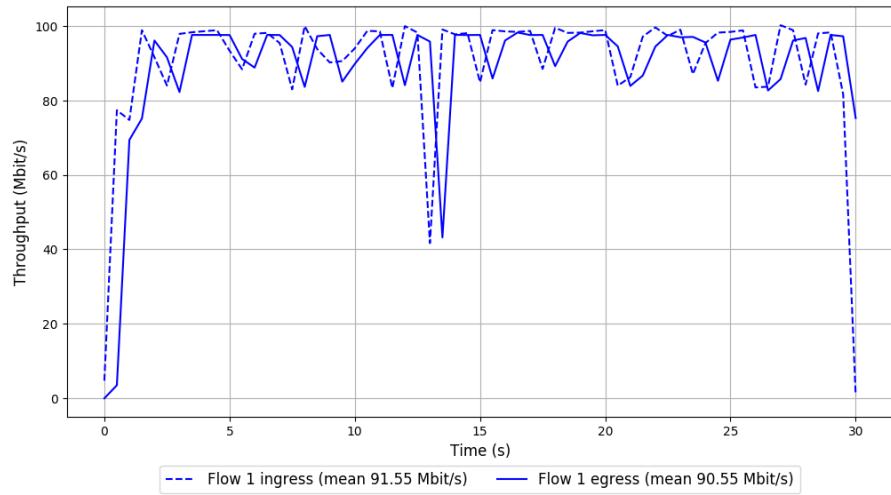


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2018-07-10 16:17:56
End at: 2018-07-10 16:18:26
Local clock offset: 0.173 ms
Remote clock offset: 4.528 ms

# Below is generated by plot.py at 2018-07-10 16:27:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 52.026 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 52.026 ms
Loss rate: 1.32%
```

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

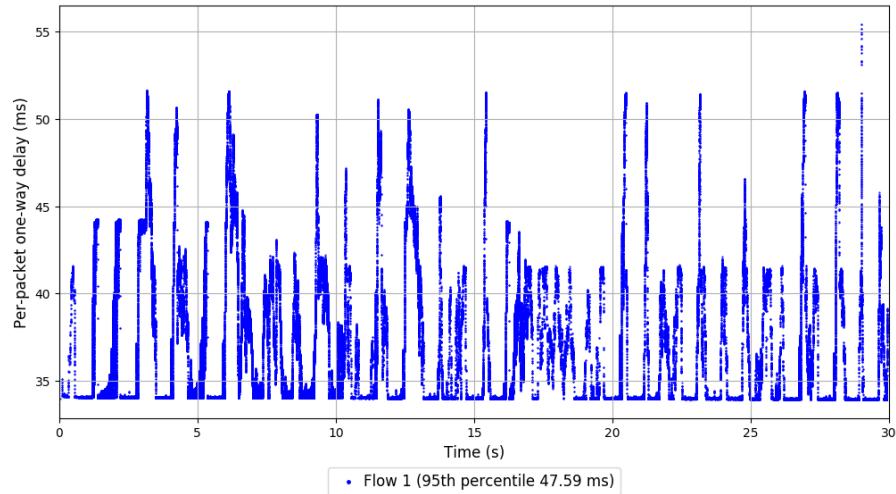
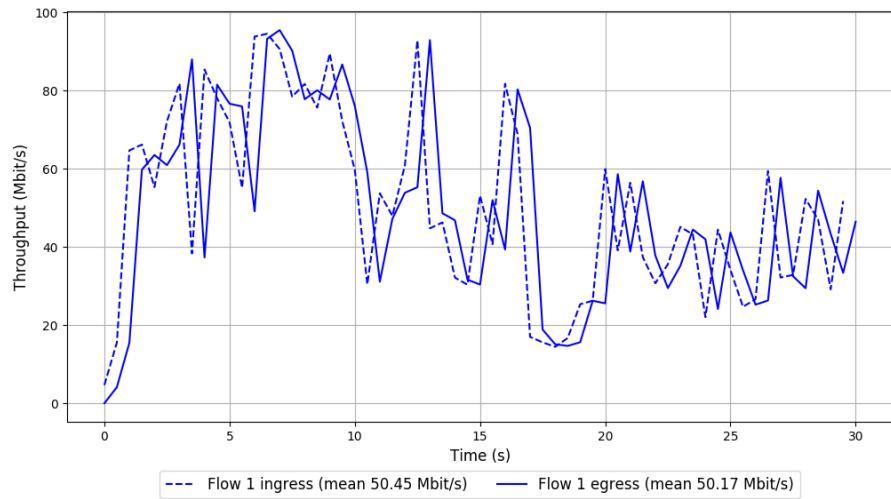


Run 1: Statistics of Copa

```
Start at: 2018-07-10 12:29:54
End at: 2018-07-10 12:30:24
Local clock offset: -0.047 ms
Remote clock offset: 2.058 ms

# Below is generated by plot.py at 2018-07-10 16:27:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 47.593 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 47.593 ms
Loss rate: 0.79%
```

### Run 1: Report of Copa — Data Link

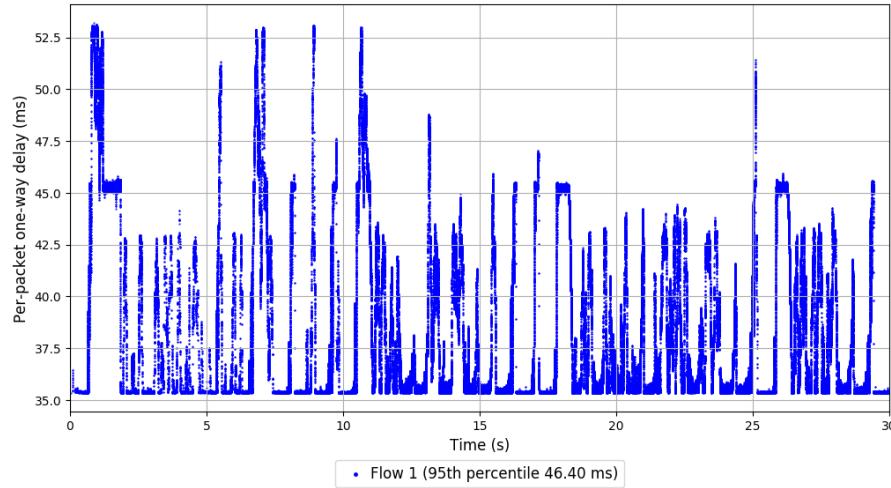
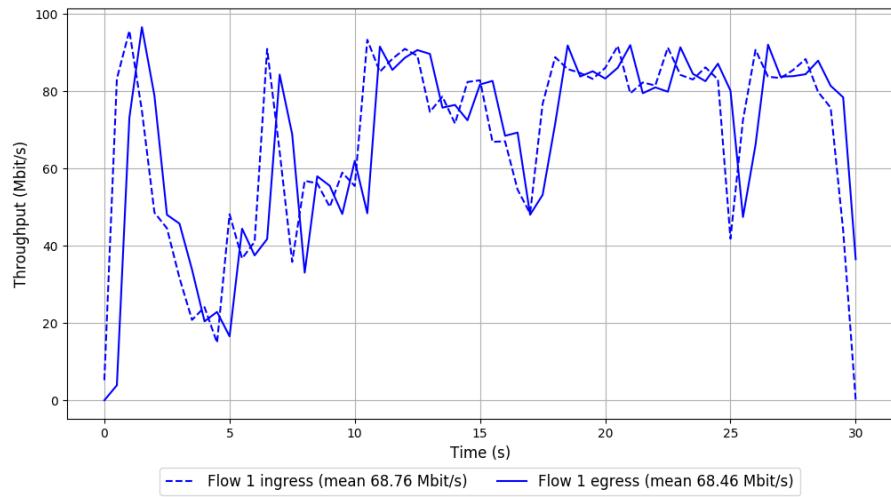


Run 2: Statistics of Copa

```
Start at: 2018-07-10 12:53:32
End at: 2018-07-10 12:54:02
Local clock offset: -0.155 ms
Remote clock offset: 0.117 ms

# Below is generated by plot.py at 2018-07-10 16:27:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.46 Mbit/s
95th percentile per-packet one-way delay: 46.400 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 68.46 Mbit/s
95th percentile per-packet one-way delay: 46.400 ms
Loss rate: 0.67%
```

## Run 2: Report of Copa — Data Link

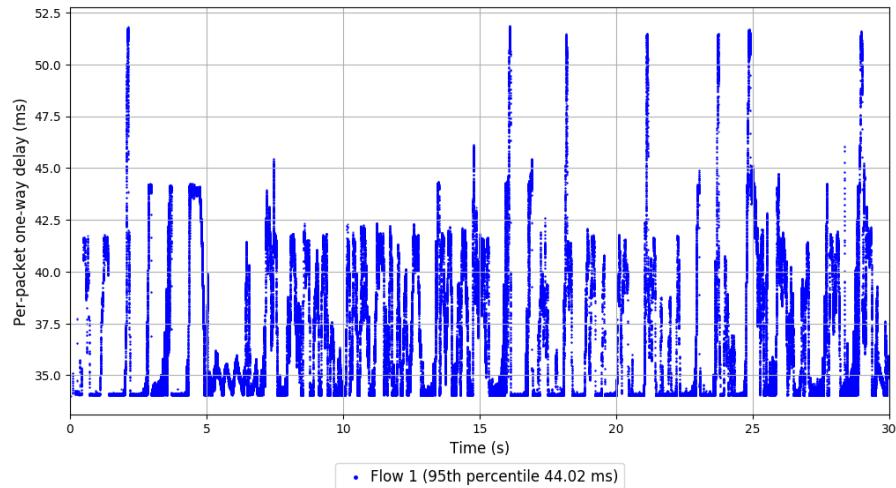
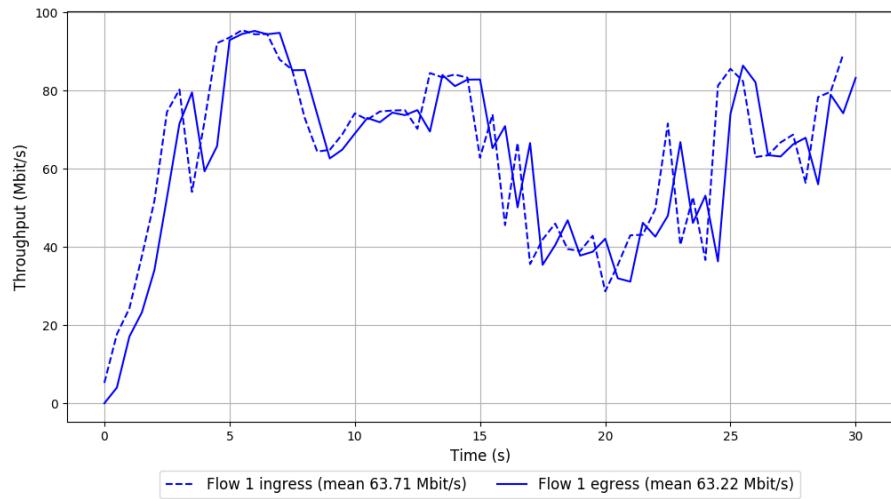


Run 3: Statistics of Copa

```
Start at: 2018-07-10 13:17:52
End at: 2018-07-10 13:18:22
Local clock offset: -0.027 ms
Remote clock offset: 0.465 ms

# Below is generated by plot.py at 2018-07-10 16:27:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.22 Mbit/s
95th percentile per-packet one-way delay: 44.019 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 63.22 Mbit/s
95th percentile per-packet one-way delay: 44.019 ms
Loss rate: 1.00%
```

### Run 3: Report of Copa — Data Link

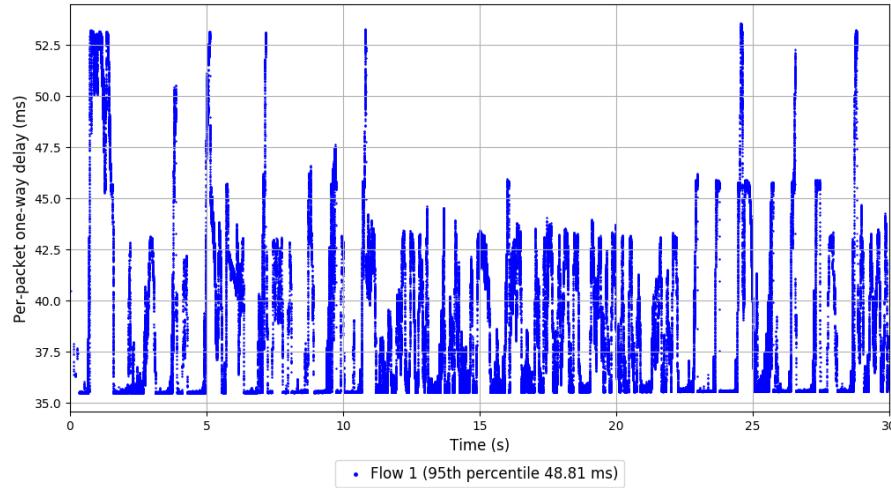
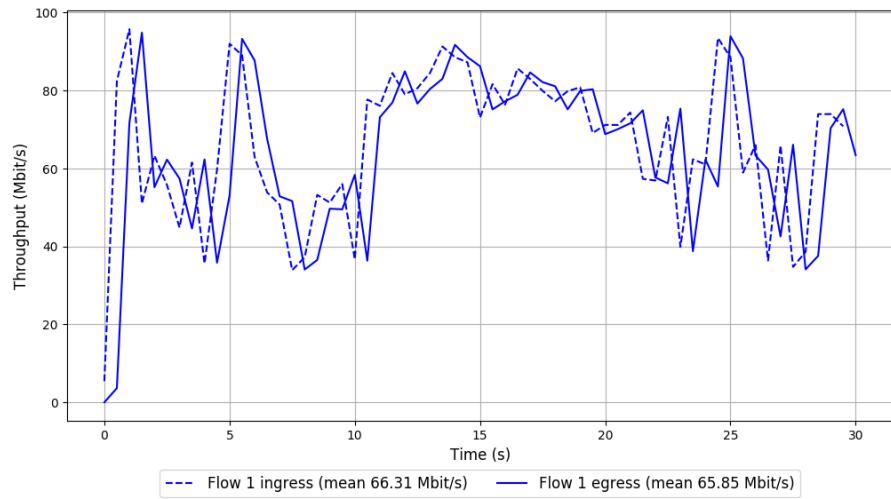


Run 4: Statistics of Copa

```
Start at: 2018-07-10 13:42:05
End at: 2018-07-10 13:42:35
Local clock offset: -0.169 ms
Remote clock offset: 2.085 ms

# Below is generated by plot.py at 2018-07-10 16:27:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.85 Mbit/s
95th percentile per-packet one-way delay: 48.806 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 65.85 Mbit/s
95th percentile per-packet one-way delay: 48.806 ms
Loss rate: 0.93%
```

## Run 4: Report of Copa — Data Link

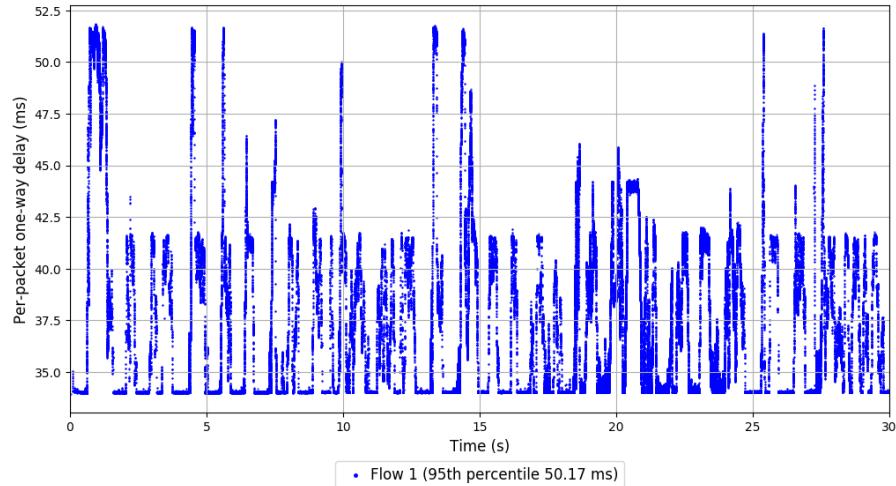
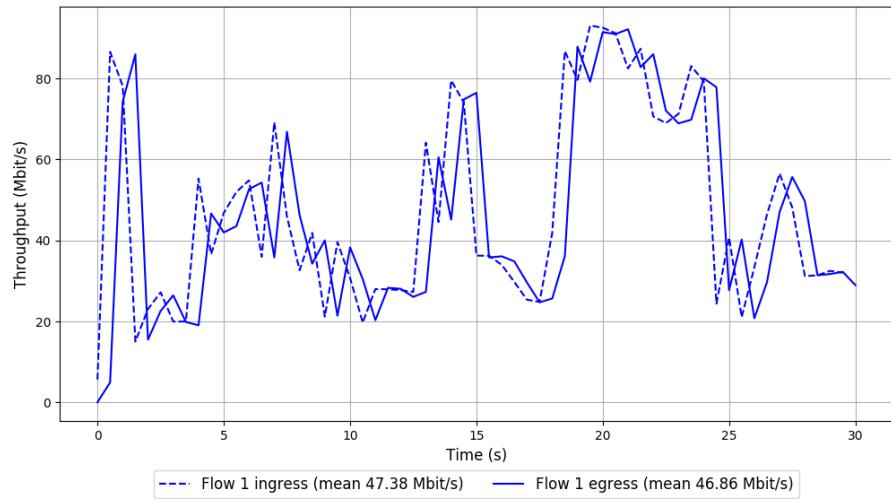


Run 5: Statistics of Copa

```
Start at: 2018-07-10 14:06:28
End at: 2018-07-10 14:06:58
Local clock offset: -0.532 ms
Remote clock offset: 4.911 ms

# Below is generated by plot.py at 2018-07-10 16:27:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 50.171 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 50.171 ms
Loss rate: 1.34%
```

### Run 5: Report of Copa — Data Link

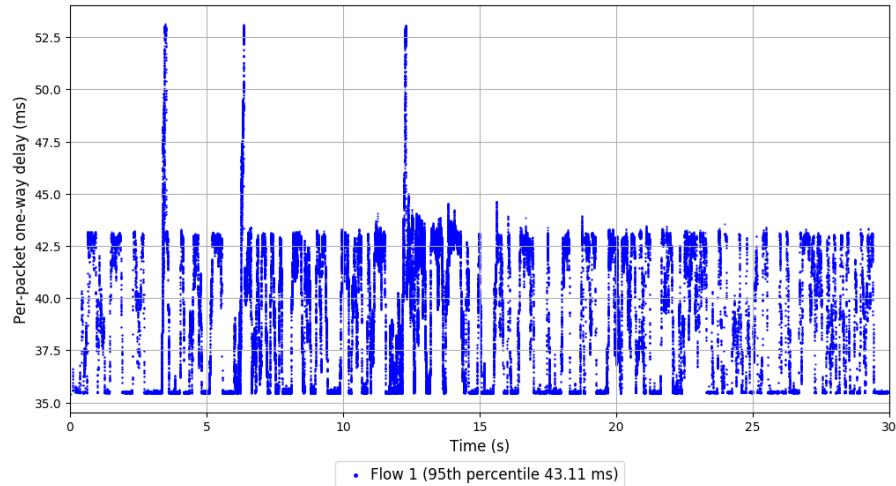
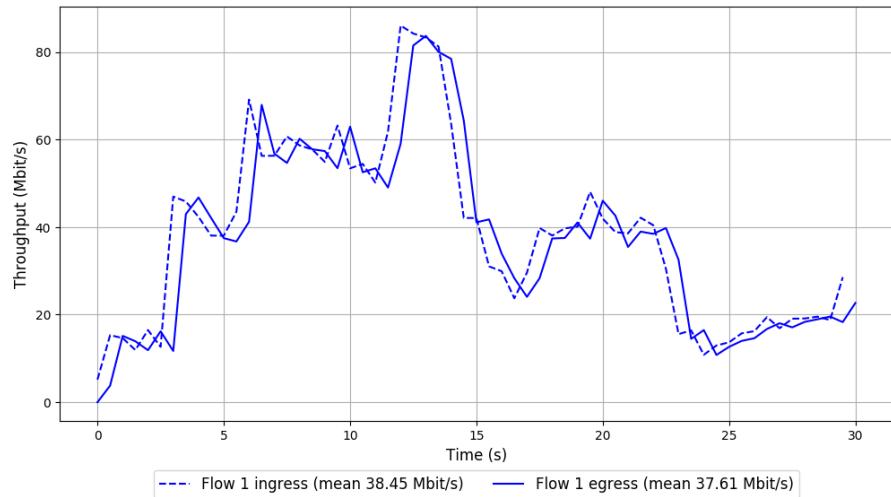


Run 6: Statistics of Copa

```
Start at: 2018-07-10 14:32:33
End at: 2018-07-10 14:33:03
Local clock offset: -0.461 ms
Remote clock offset: 6.379 ms

# Below is generated by plot.py at 2018-07-10 16:27:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.61 Mbit/s
95th percentile per-packet one-way delay: 43.107 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 37.61 Mbit/s
95th percentile per-packet one-way delay: 43.107 ms
Loss rate: 2.39%
```

## Run 6: Report of Copa — Data Link

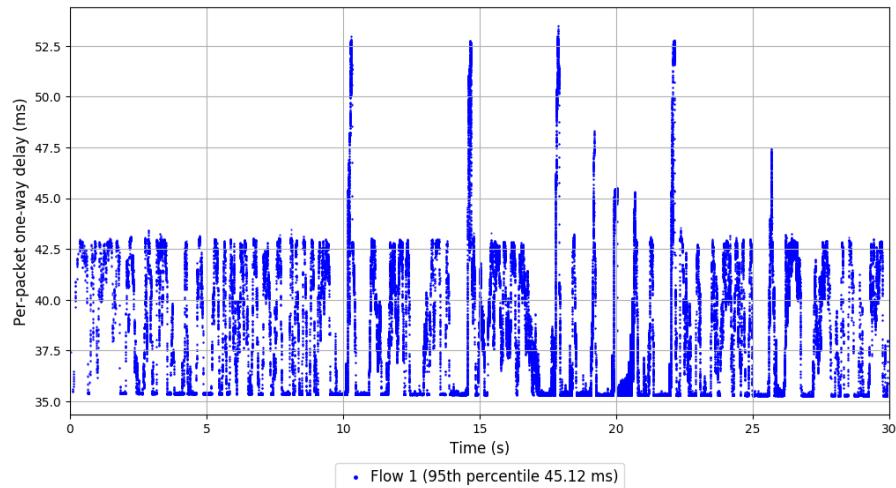
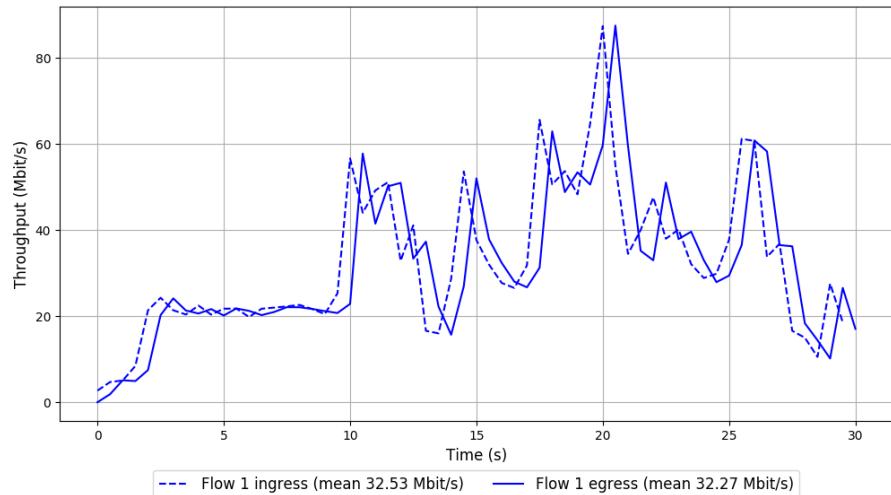


Run 7: Statistics of Copa

```
Start at: 2018-07-10 14:58:00
End at: 2018-07-10 14:58:30
Local clock offset: -0.456 ms
Remote clock offset: 0.041 ms

# Below is generated by plot.py at 2018-07-10 16:28:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 45.123 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 45.123 ms
Loss rate: 1.03%
```

## Run 7: Report of Copa — Data Link

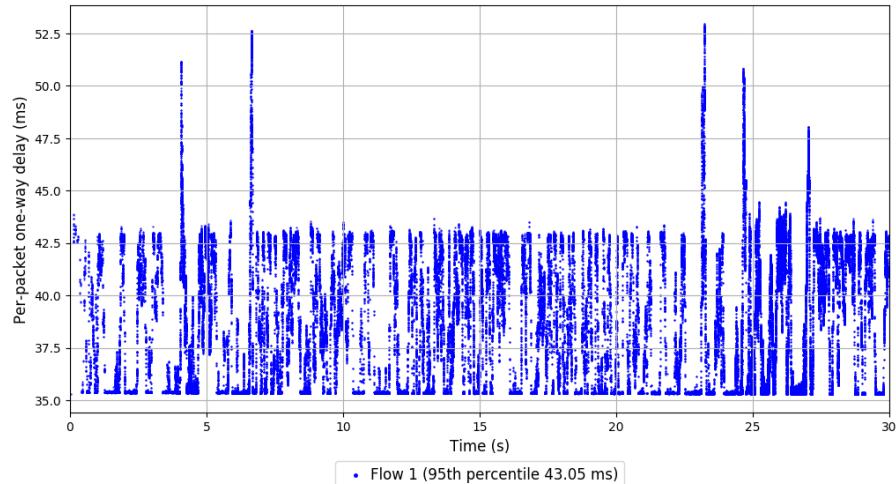
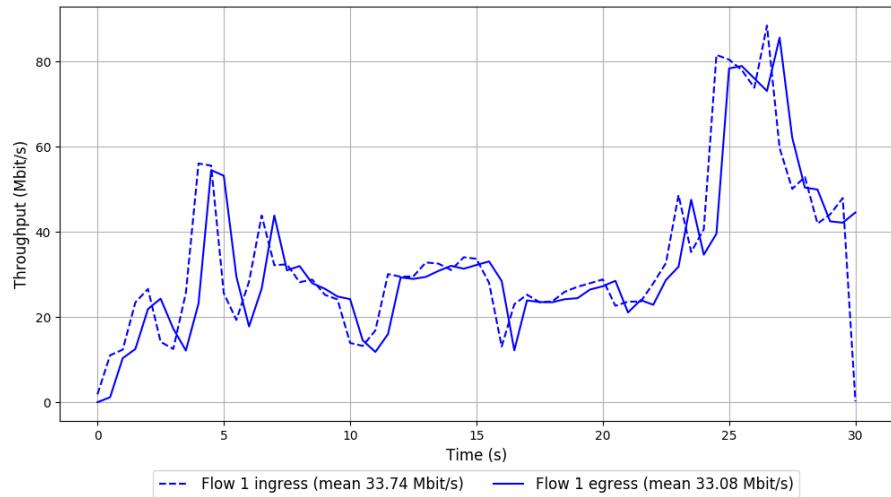


Run 8: Statistics of Copa

```
Start at: 2018-07-10 15:24:31
End at: 2018-07-10 15:25:01
Local clock offset: -0.412 ms
Remote clock offset: -4.048 ms

# Below is generated by plot.py at 2018-07-10 16:28:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.08 Mbit/s
95th percentile per-packet one-way delay: 43.055 ms
Loss rate: 2.19%
-- Flow 1:
Average throughput: 33.08 Mbit/s
95th percentile per-packet one-way delay: 43.055 ms
Loss rate: 2.19%
```

### Run 8: Report of Copa — Data Link

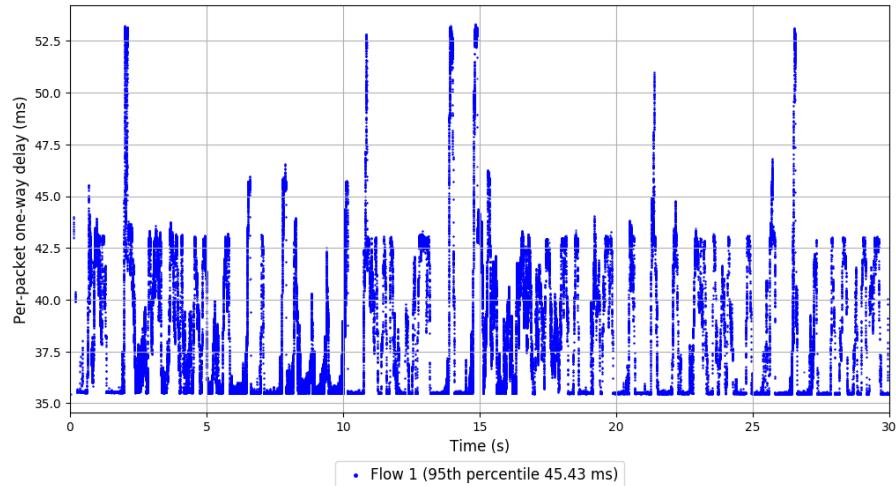
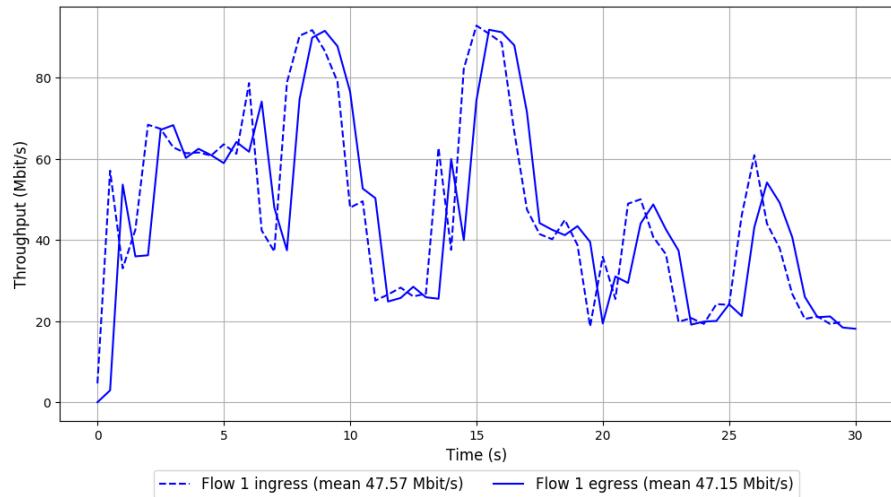


Run 9: Statistics of Copa

```
Start at: 2018-07-10 15:50:13
End at: 2018-07-10 15:50:43
Local clock offset: 0.0 ms
Remote clock offset: -6.889 ms

# Below is generated by plot.py at 2018-07-10 16:28:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.15 Mbit/s
95th percentile per-packet one-way delay: 45.430 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 47.15 Mbit/s
95th percentile per-packet one-way delay: 45.430 ms
Loss rate: 1.11%
```

### Run 9: Report of Copa — Data Link

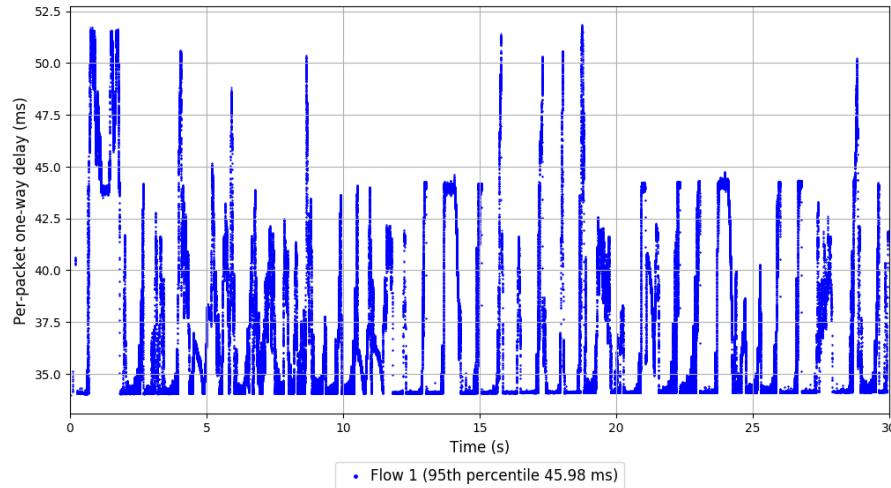
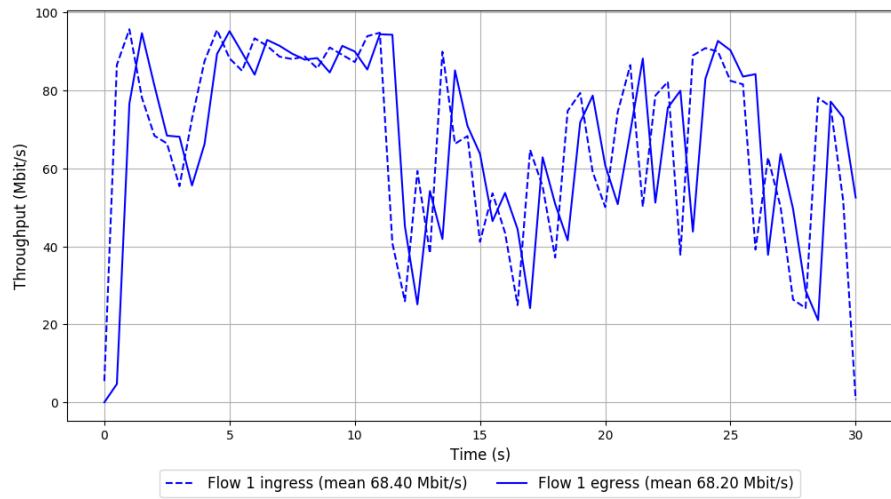


Run 10: Statistics of Copa

```
Start at: 2018-07-10 16:13:34
End at: 2018-07-10 16:14:04
Local clock offset: 0.28 ms
Remote clock offset: 3.789 ms

# Below is generated by plot.py at 2018-07-10 16:29:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.20 Mbit/s
95th percentile per-packet one-way delay: 45.975 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 68.20 Mbit/s
95th percentile per-packet one-way delay: 45.975 ms
Loss rate: 0.51%
```

## Run 10: Report of Copa — Data Link

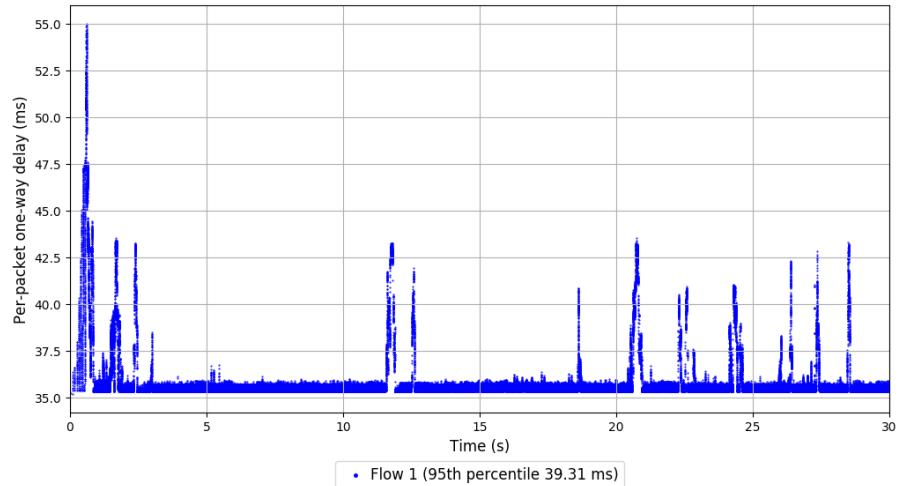
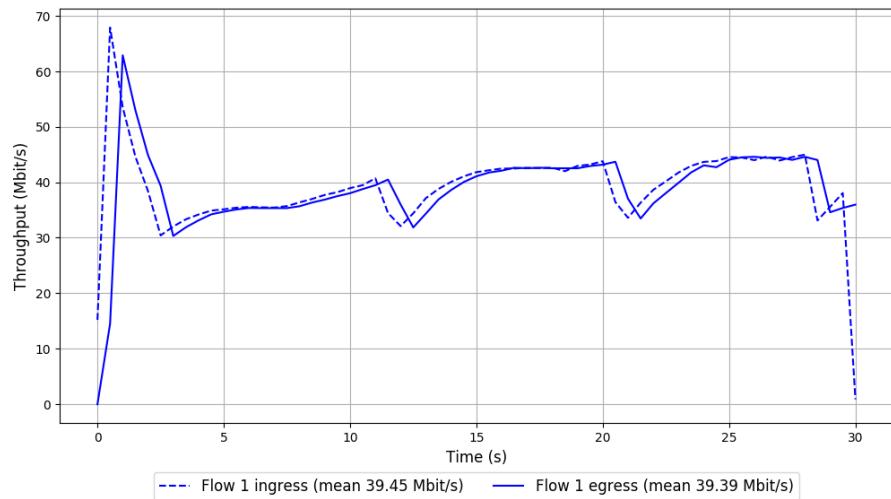


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-07-10 12:17:57
End at: 2018-07-10 12:18:27
Local clock offset: 0.002 ms
Remote clock offset: 2.804 ms

# Below is generated by plot.py at 2018-07-10 16:29:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.39 Mbit/s
95th percentile per-packet one-way delay: 39.309 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 39.39 Mbit/s
95th percentile per-packet one-way delay: 39.309 ms
Loss rate: 0.39%
```

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

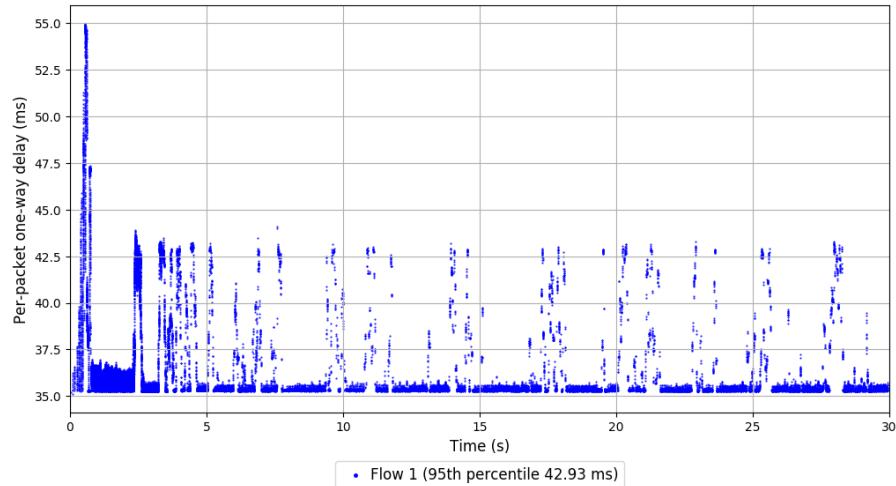
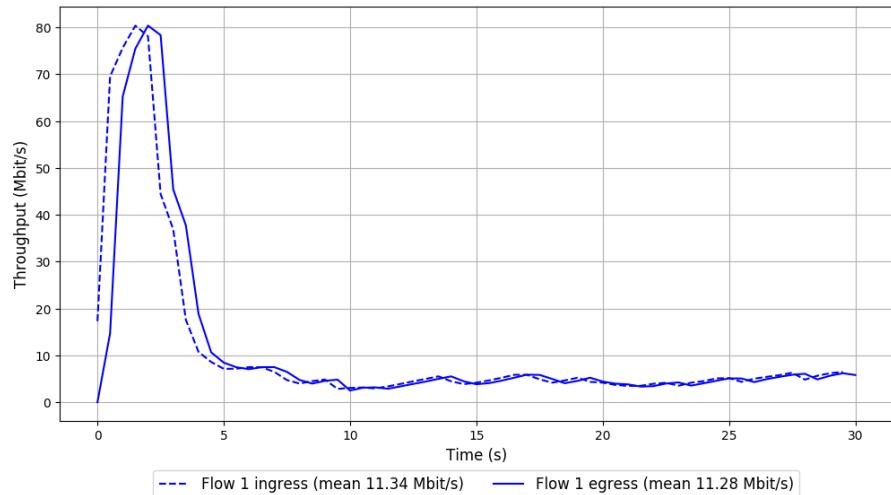


Run 2: Statistics of TCP Cubic

```
Start at: 2018-07-10 12:41:28
End at: 2018-07-10 12:41:58
Local clock offset: -0.158 ms
Remote clock offset: 0.51 ms

# Below is generated by plot.py at 2018-07-10 16:29:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.28 Mbit/s
95th percentile per-packet one-way delay: 42.934 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 11.28 Mbit/s
95th percentile per-packet one-way delay: 42.934 ms
Loss rate: 0.81%
```

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

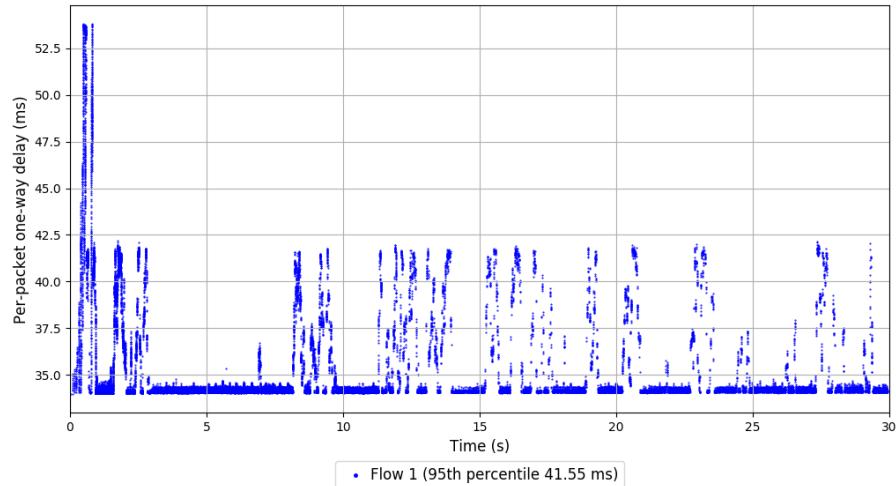
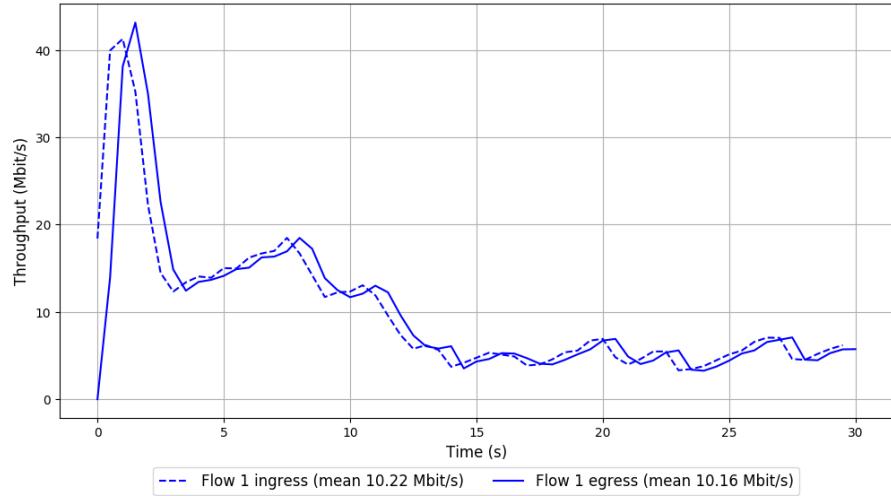


Run 3: Statistics of TCP Cubic

```
Start at: 2018-07-10 13:05:37
End at: 2018-07-10 13:06:07
Local clock offset: -0.047 ms
Remote clock offset: 0.344 ms

# Below is generated by plot.py at 2018-07-10 16:29:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.16 Mbit/s
95th percentile per-packet one-way delay: 41.545 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 10.16 Mbit/s
95th percentile per-packet one-way delay: 41.545 ms
Loss rate: 0.76%
```

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

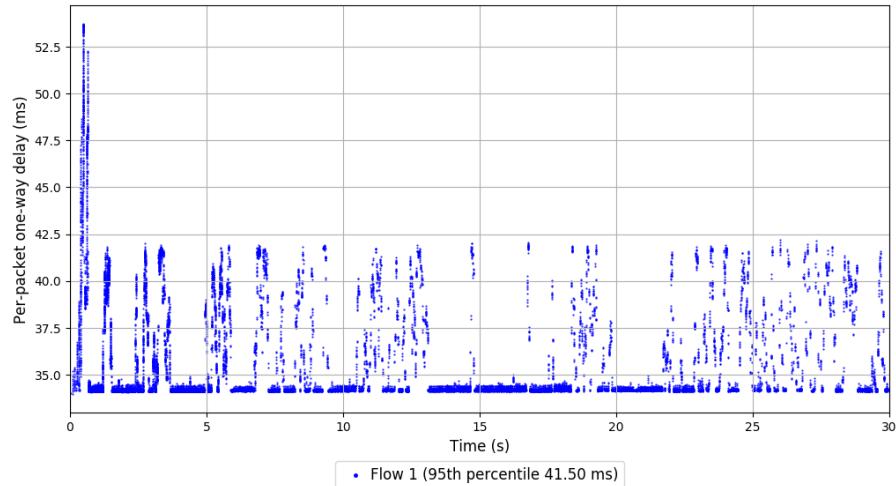
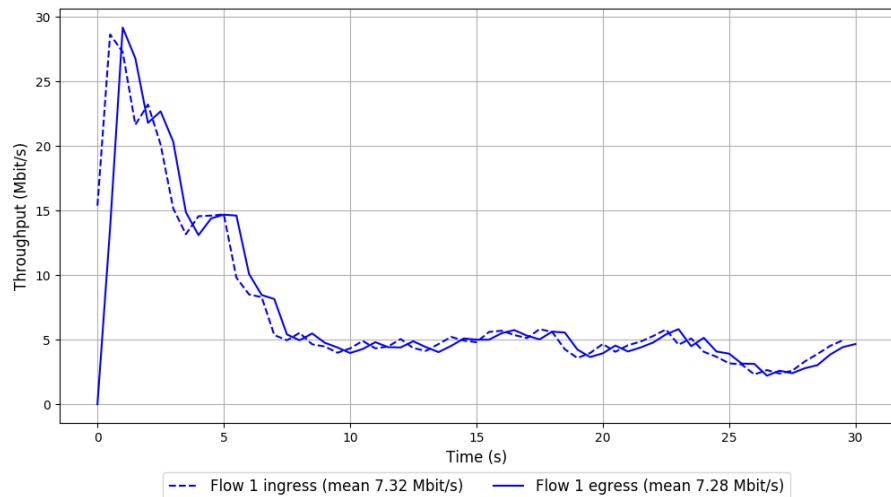


Run 4: Statistics of TCP Cubic

```
Start at: 2018-07-10 13:29:58
End at: 2018-07-10 13:30:28
Local clock offset: -0.037 ms
Remote clock offset: 0.432 ms

# Below is generated by plot.py at 2018-07-10 16:29:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 41.500 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 41.500 ms
Loss rate: 0.83%
```

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

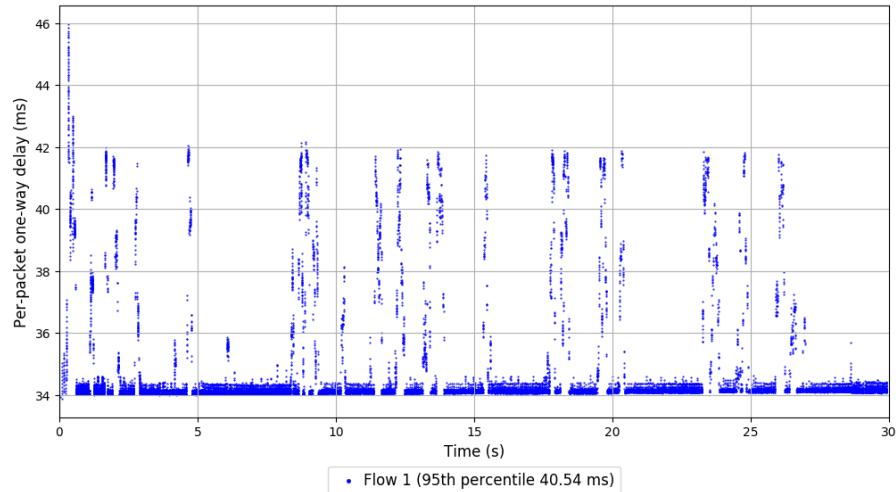
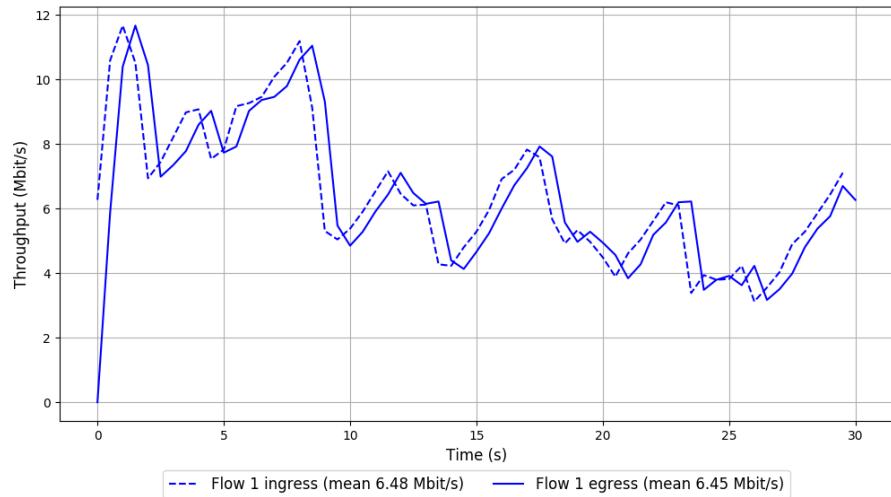


Run 5: Statistics of TCP Cubic

```
Start at: 2018-07-10 13:53:41
End at: 2018-07-10 13:54:11
Local clock offset: -0.444 ms
Remote clock offset: 3.661 ms

# Below is generated by plot.py at 2018-07-10 16:29:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.45 Mbit/s
95th percentile per-packet one-way delay: 40.537 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 6.45 Mbit/s
95th percentile per-packet one-way delay: 40.537 ms
Loss rate: 0.72%
```

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

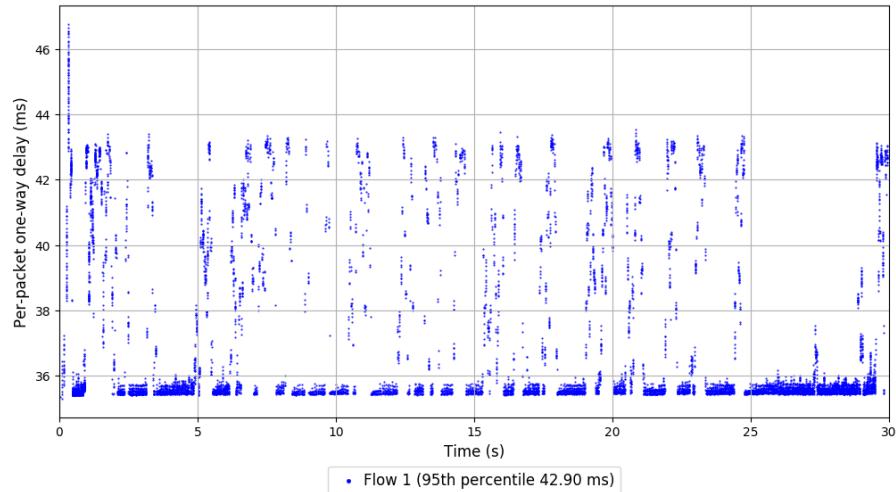
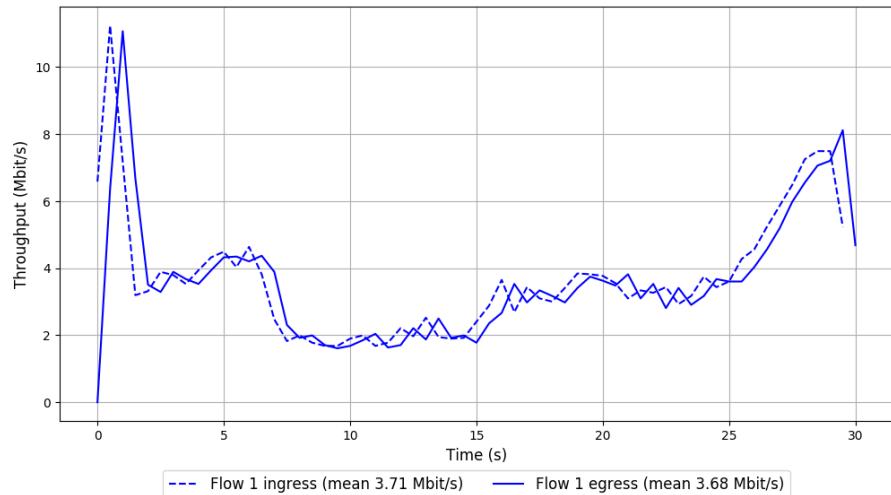


Run 6: Statistics of TCP Cubic

```
Start at: 2018-07-10 14:19:48
End at: 2018-07-10 14:20:18
Local clock offset: -0.481 ms
Remote clock offset: 5.912 ms

# Below is generated by plot.py at 2018-07-10 16:29:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.68 Mbit/s
95th percentile per-packet one-way delay: 42.896 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 3.68 Mbit/s
95th percentile per-packet one-way delay: 42.896 ms
Loss rate: 1.16%
```

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

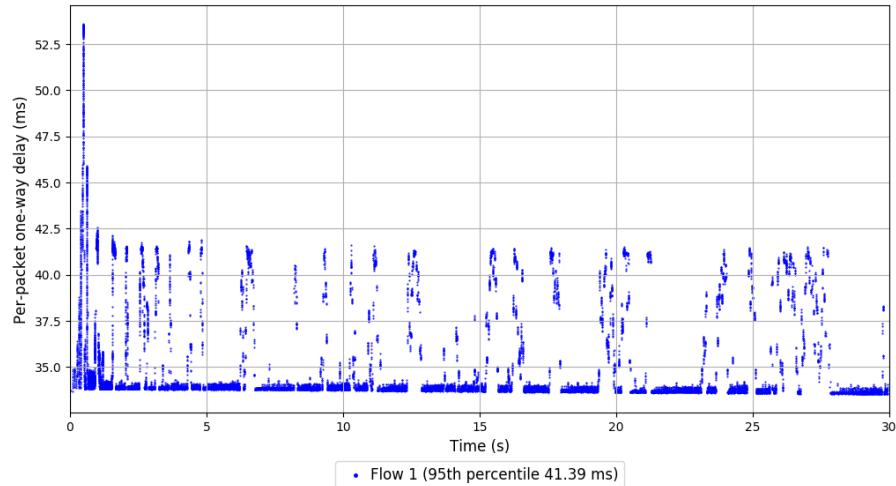
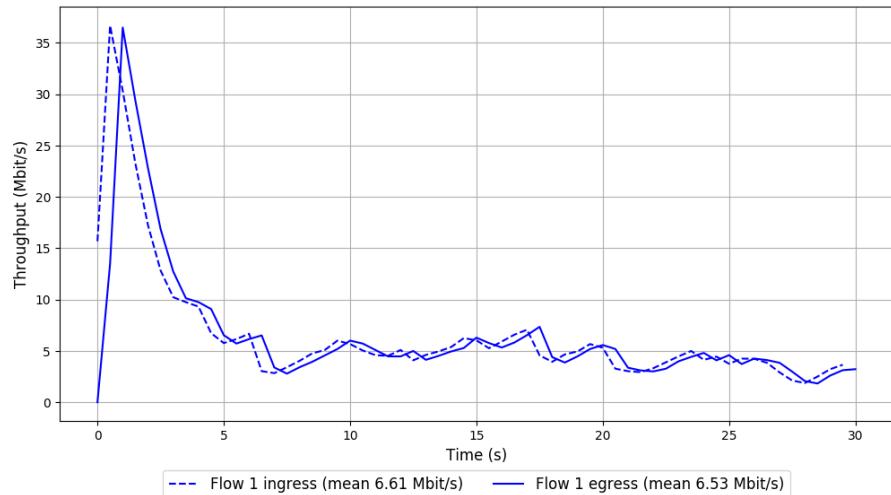


Run 7: Statistics of TCP Cubic

```
Start at: 2018-07-10 14:45:38
End at: 2018-07-10 14:46:08
Local clock offset: -0.549 ms
Remote clock offset: 5.064 ms

# Below is generated by plot.py at 2018-07-10 16:29:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 41.387 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 41.387 ms
Loss rate: 1.53%
```

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

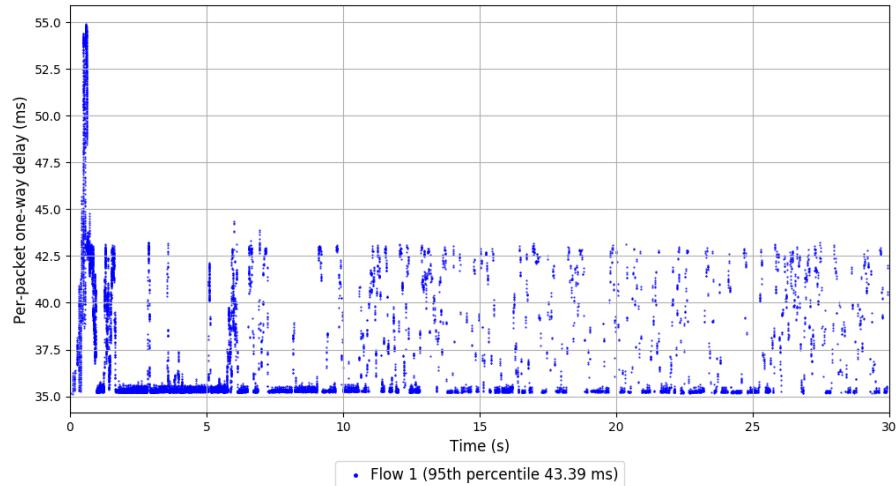
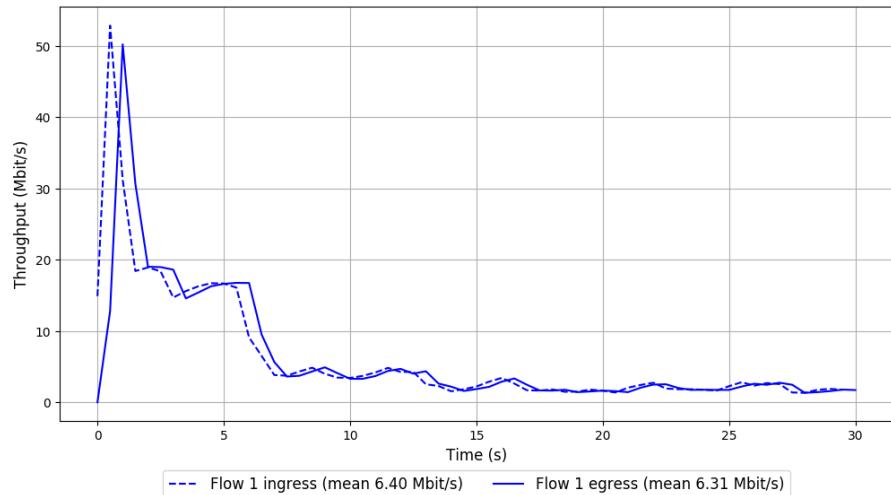


Run 8: Statistics of TCP Cubic

```
Start at: 2018-07-10 15:11:42
End at: 2018-07-10 15:12:12
Local clock offset: -0.401 ms
Remote clock offset: -2.149 ms

# Below is generated by plot.py at 2018-07-10 16:29:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.31 Mbit/s
95th percentile per-packet one-way delay: 43.392 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 6.31 Mbit/s
95th percentile per-packet one-way delay: 43.392 ms
Loss rate: 1.59%
```

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

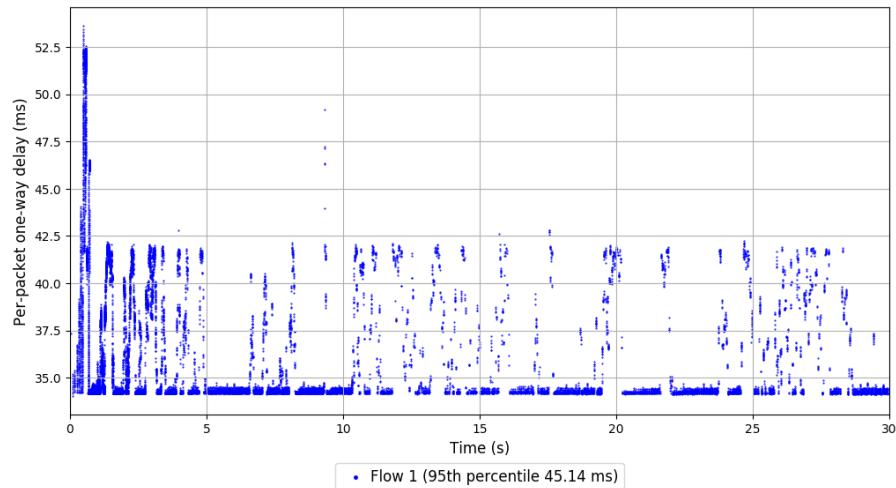
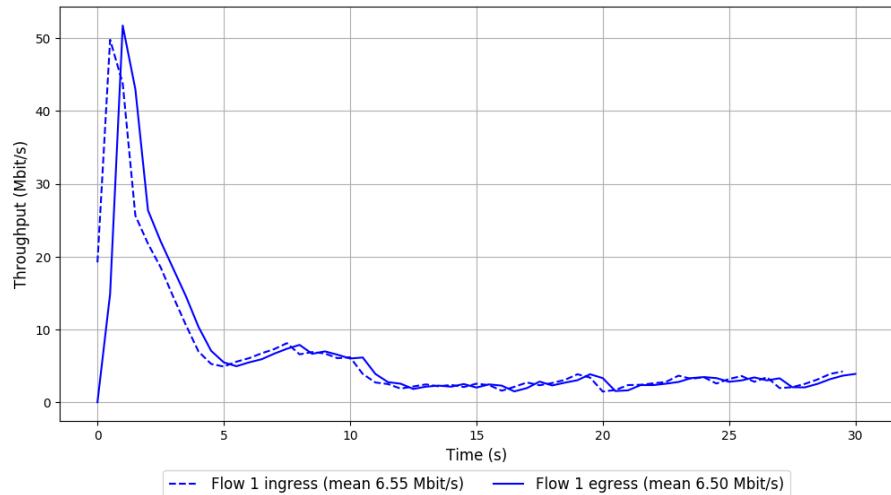


Run 9: Statistics of TCP Cubic

```
Start at: 2018-07-10 15:37:39
End at: 2018-07-10 15:38:09
Local clock offset: -0.197 ms
Remote clock offset: -5.596 ms

# Below is generated by plot.py at 2018-07-10 16:29:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.50 Mbit/s
95th percentile per-packet one-way delay: 45.143 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 6.50 Mbit/s
95th percentile per-packet one-way delay: 45.143 ms
Loss rate: 1.03%
```

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

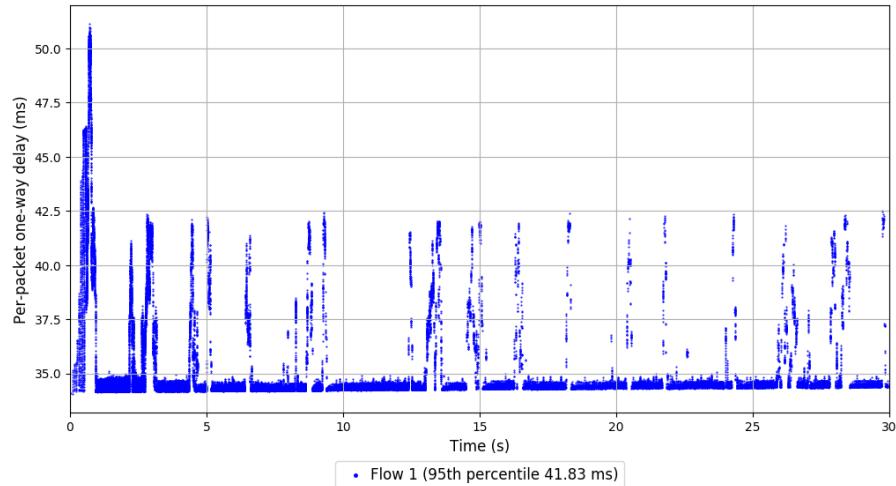
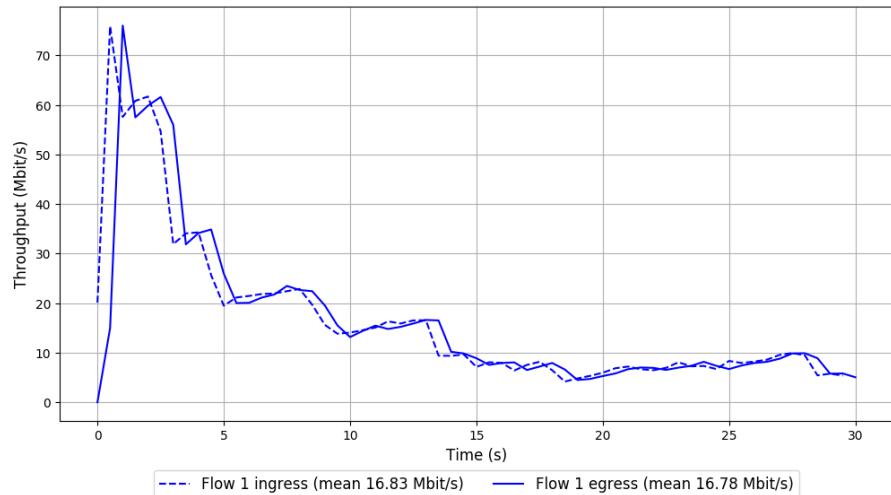


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-07-10 16:01:37
End at: 2018-07-10 16:02:07
Local clock offset: 0.206 ms
Remote clock offset: 0.423 ms

# Below is generated by plot.py at 2018-07-10 16:29:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.78 Mbit/s
95th percentile per-packet one-way delay: 41.830 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 16.78 Mbit/s
95th percentile per-packet one-way delay: 41.830 ms
Loss rate: 0.50%
```

Run 10: Report of TCP Cubic — Data Link

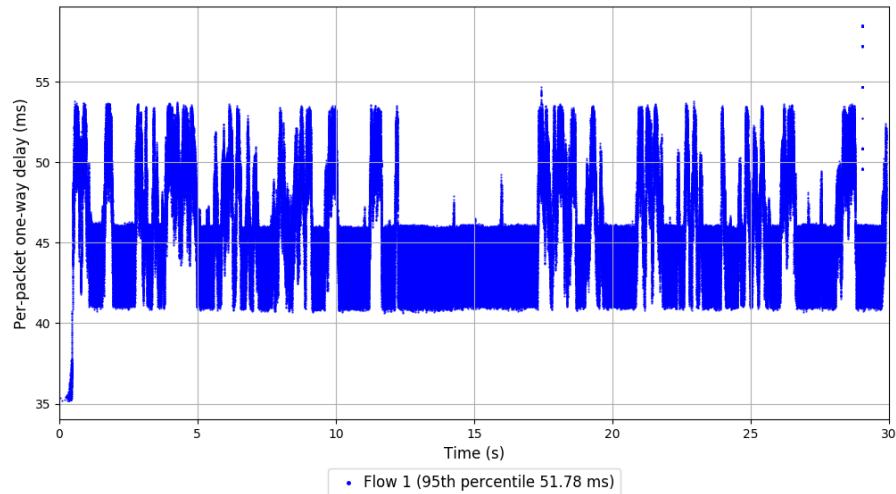
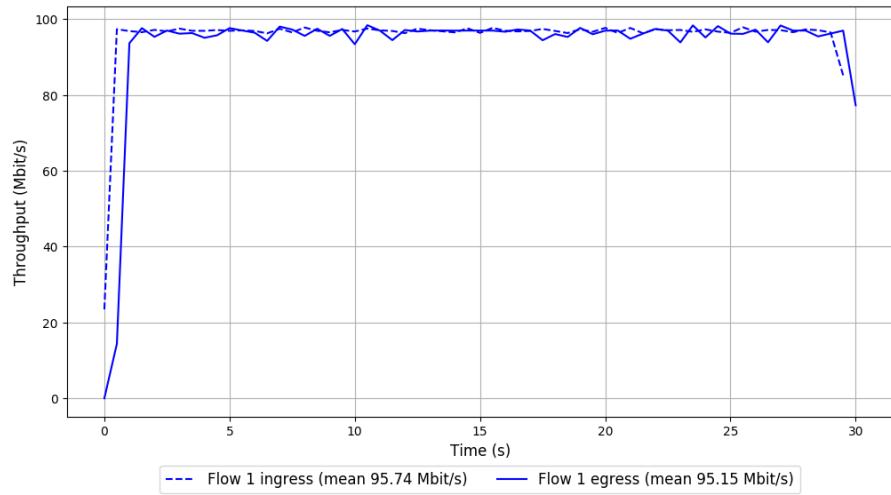


```
Run 1: Statistics of FillP
```

```
Start at: 2018-07-10 12:32:38
End at: 2018-07-10 12:33:08
Local clock offset: -0.053 ms
Remote clock offset: 1.489 ms

# Below is generated by plot.py at 2018-07-10 16:29:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.15 Mbit/s
95th percentile per-packet one-way delay: 51.783 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 95.15 Mbit/s
95th percentile per-packet one-way delay: 51.783 ms
Loss rate: 0.86%
```

### Run 1: Report of FillP — Data Link

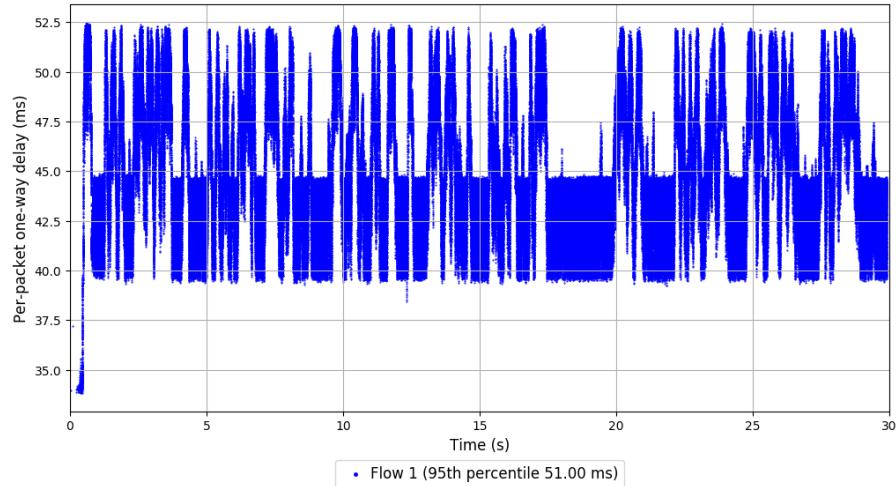
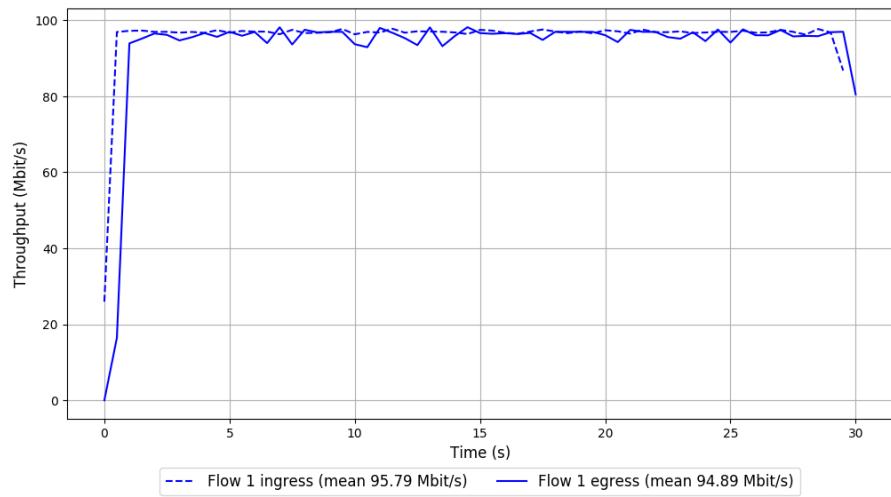


Run 2: Statistics of FillP

```
Start at: 2018-07-10 12:56:26
End at: 2018-07-10 12:56:56
Local clock offset: -0.156 ms
Remote clock offset: 0.094 ms

# Below is generated by plot.py at 2018-07-10 16:29:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 50.997 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 50.997 ms
Loss rate: 1.16%
```

## Run 2: Report of FillP — Data Link

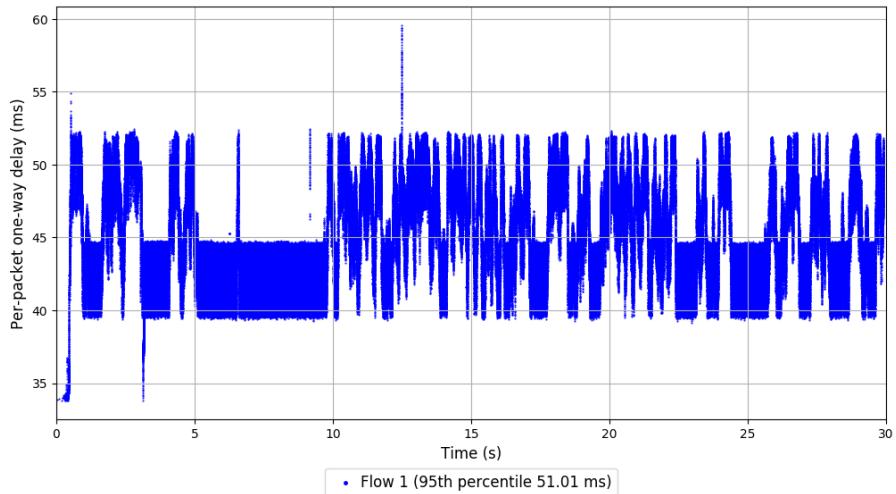
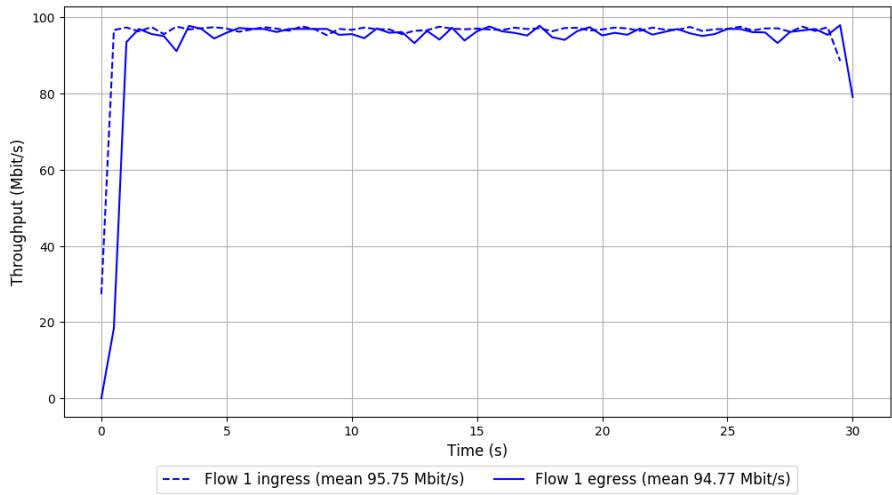


Run 3: Statistics of FillP

```
Start at: 2018-07-10 13:20:45
End at: 2018-07-10 13:21:15
Local clock offset: -0.127 ms
Remote clock offset: 0.367 ms

# Below is generated by plot.py at 2018-07-10 16:29:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.77 Mbit/s
95th percentile per-packet one-way delay: 51.009 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 94.77 Mbit/s
95th percentile per-packet one-way delay: 51.009 ms
Loss rate: 1.26%
```

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

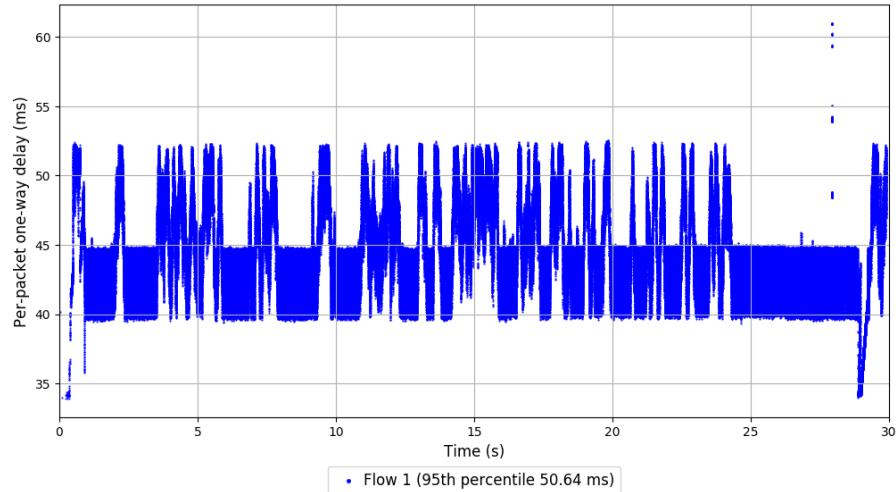
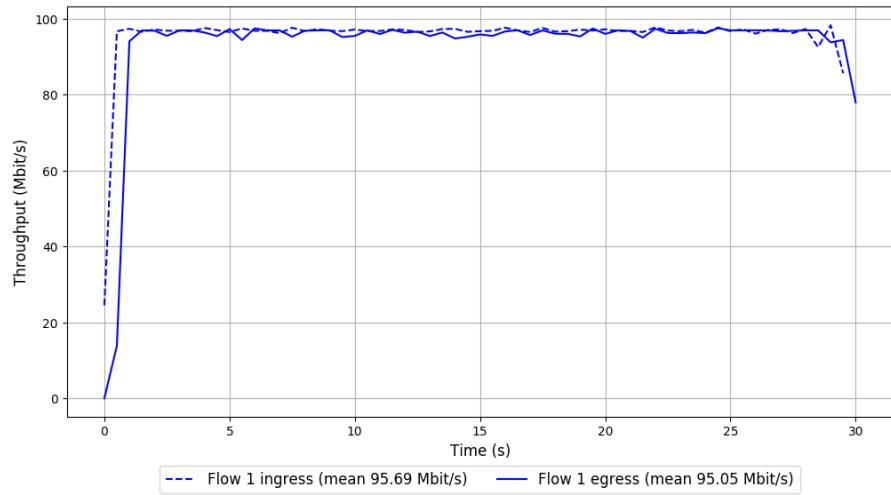


Run 4: Statistics of FillP

```
Start at: 2018-07-10 13:44:58
End at: 2018-07-10 13:45:28
Local clock offset: -0.296 ms
Remote clock offset: 2.524 ms

# Below is generated by plot.py at 2018-07-10 16:29:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 50.643 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 50.643 ms
Loss rate: 0.94%
```

### Run 4: Report of FillP — Data Link

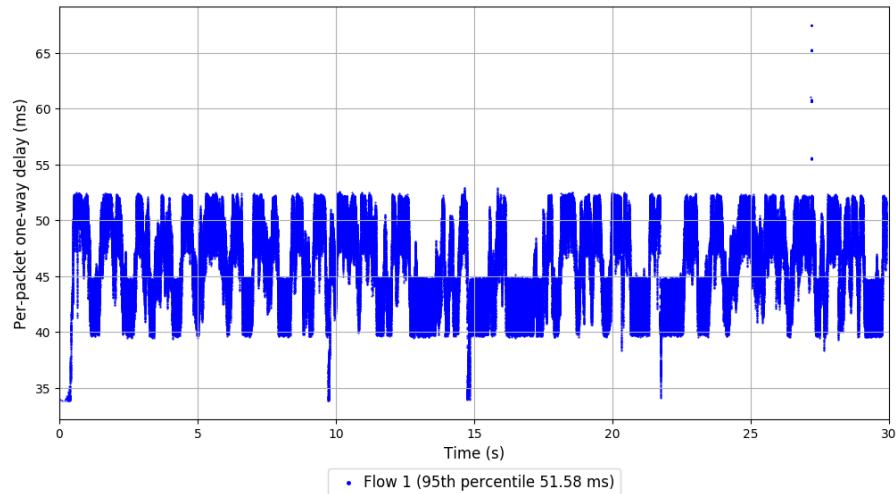
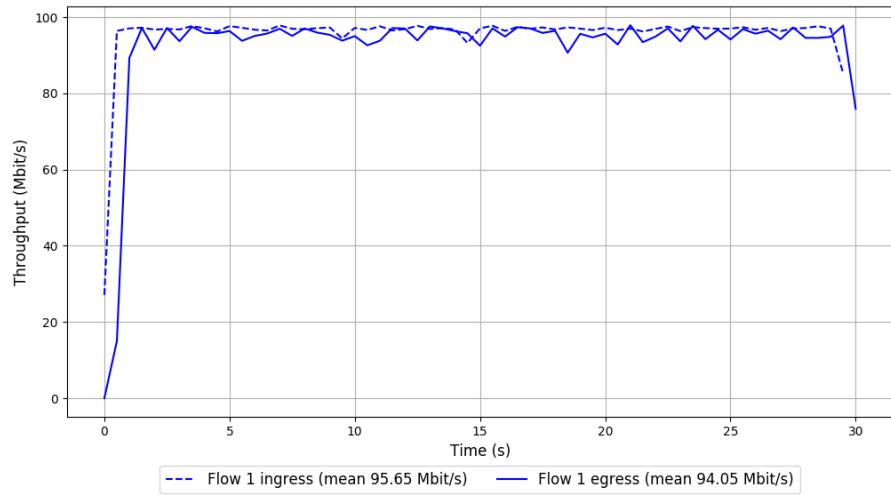


Run 5: Statistics of FillP

```
Start at: 2018-07-10 14:09:28
End at: 2018-07-10 14:09:58
Local clock offset: -0.536 ms
Remote clock offset: 5.123 ms

# Below is generated by plot.py at 2018-07-10 16:29:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 51.580 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 51.580 ms
Loss rate: 1.92%
```

### Run 5: Report of FillP — Data Link

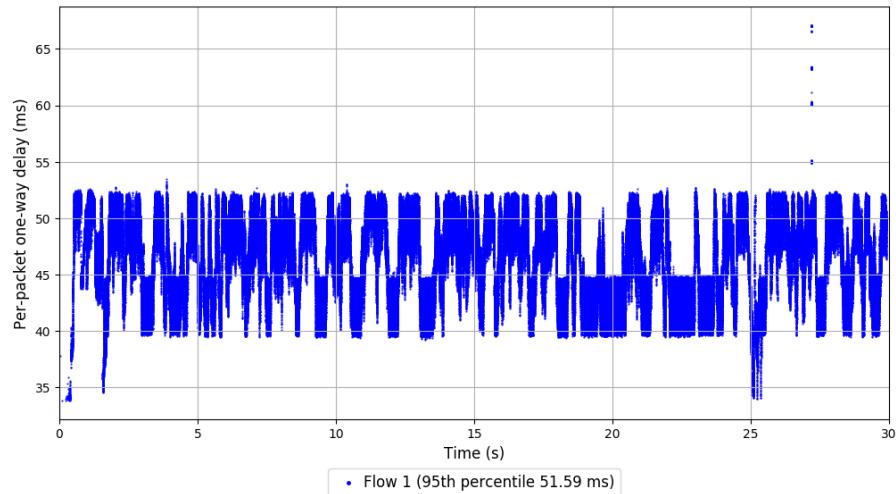
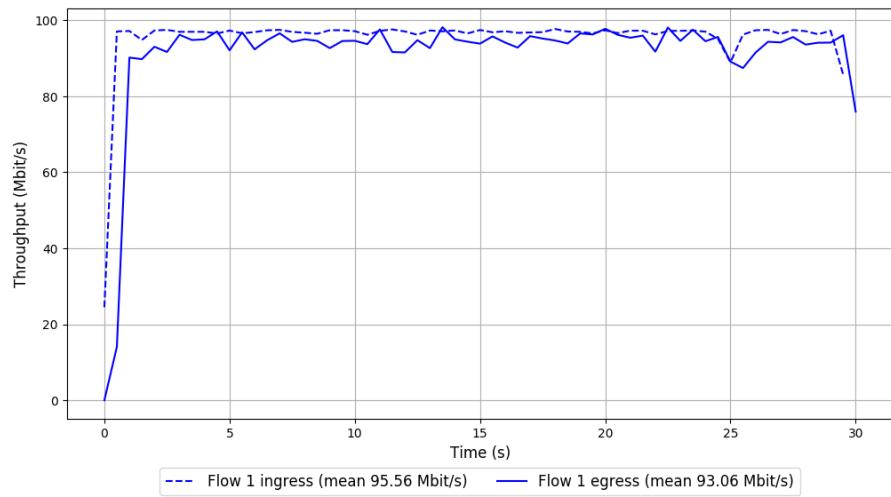


Run 6: Statistics of FillP

```
Start at: 2018-07-10 14:35:39
End at: 2018-07-10 14:36:09
Local clock offset: -0.466 ms
Remote clock offset: 6.431 ms

# Below is generated by plot.py at 2018-07-10 16:29:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.06 Mbit/s
95th percentile per-packet one-way delay: 51.586 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 93.06 Mbit/s
95th percentile per-packet one-way delay: 51.586 ms
Loss rate: 2.85%
```

## Run 6: Report of FillP — Data Link

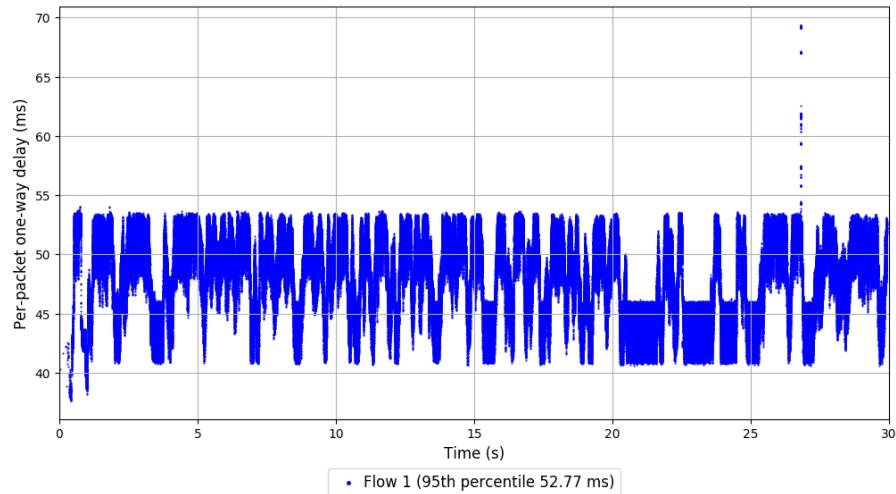
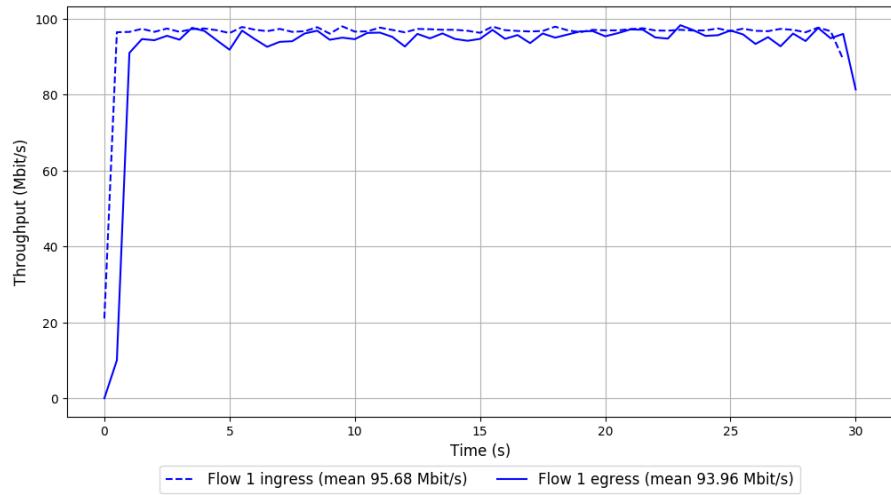


Run 7: Statistics of FillP

```
Start at: 2018-07-10 15:00:48
End at: 2018-07-10 15:01:18
Local clock offset: -0.472 ms
Remote clock offset: -0.48 ms

# Below is generated by plot.py at 2018-07-10 16:30:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 52.775 ms
Loss rate: 2.06%
-- Flow 1:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 52.775 ms
Loss rate: 2.06%
```

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

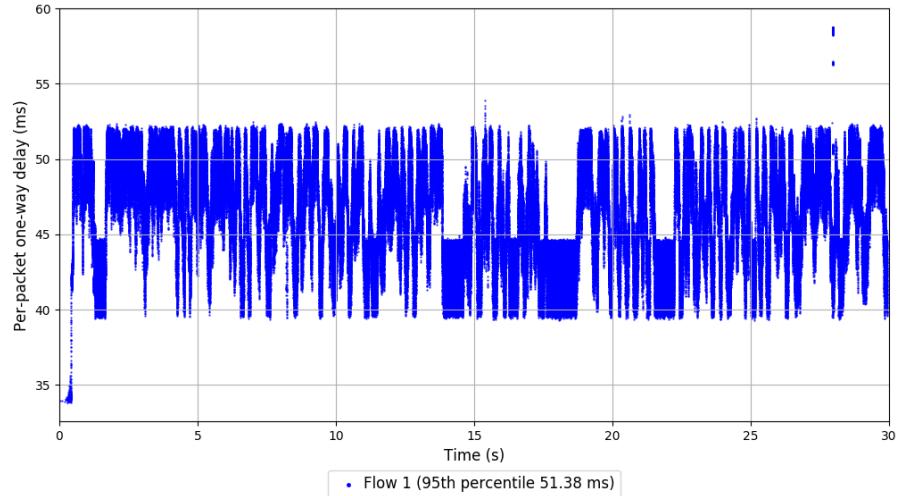
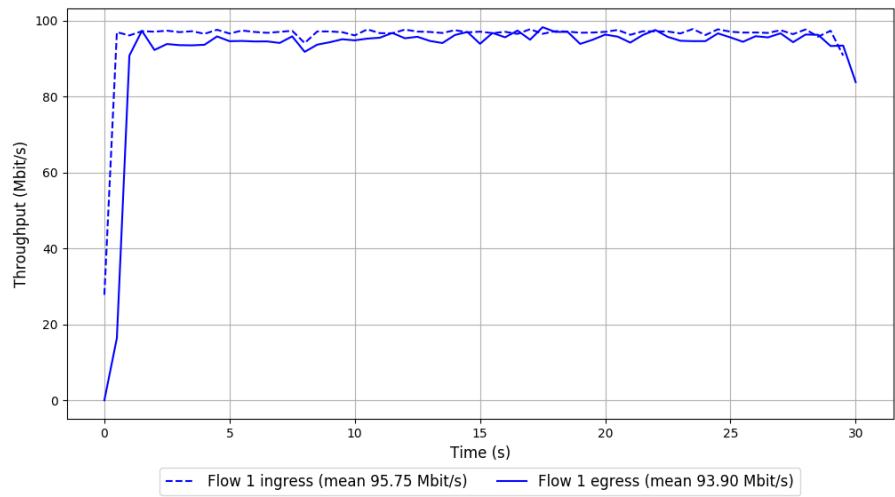


Run 8: Statistics of FillP

```
Start at: 2018-07-10 15:27:34
End at: 2018-07-10 15:28:05
Local clock offset: -0.306 ms
Remote clock offset: -4.346 ms

# Below is generated by plot.py at 2018-07-10 16:30:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 51.375 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 51.375 ms
Loss rate: 2.17%
```

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

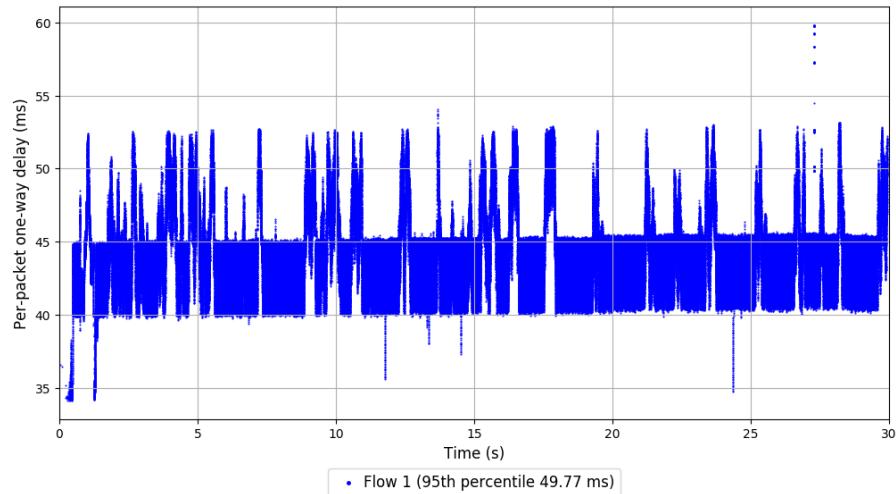
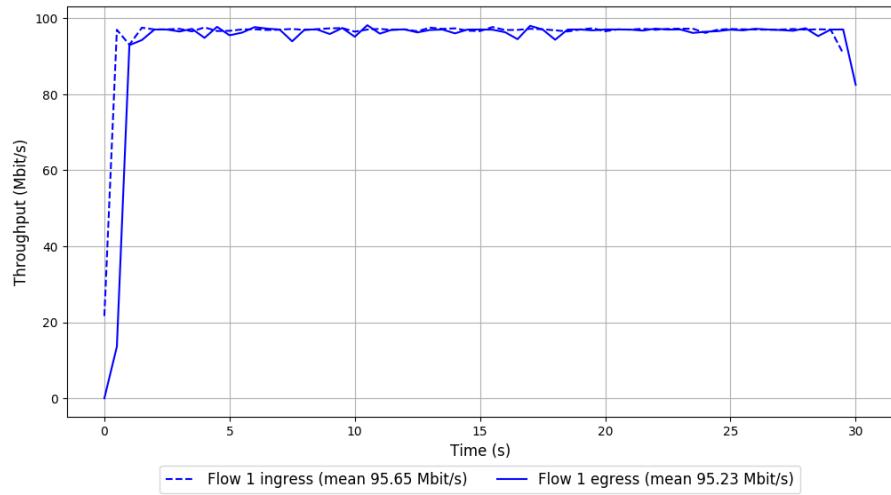


Run 9: Statistics of FillP

```
Start at: 2018-07-10 15:53:04
End at: 2018-07-10 15:53:34
Local clock offset: -0.026 ms
Remote clock offset: -5.909 ms

# Below is generated by plot.py at 2018-07-10 16:30:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 49.773 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 49.773 ms
Loss rate: 0.68%
```

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

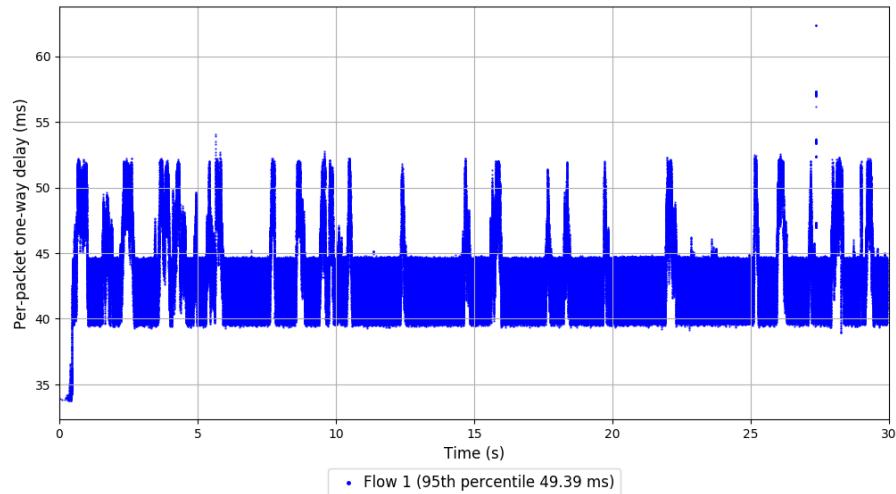
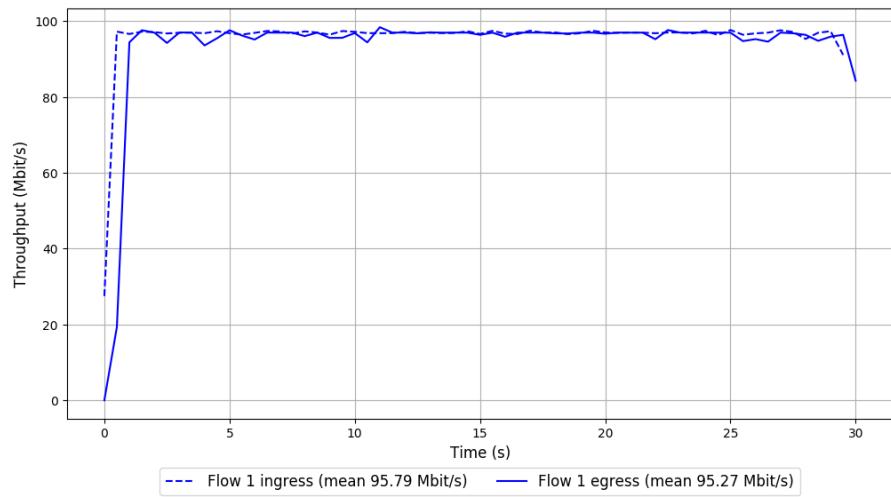


Run 10: Statistics of FillP

```
Start at: 2018-07-10 16:16:28
End at: 2018-07-10 16:16:58
Local clock offset: 0.165 ms
Remote clock offset: 4.293 ms

# Below is generated by plot.py at 2018-07-10 16:31:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 49.394 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 49.394 ms
Loss rate: 0.78%
```

Run 10: Report of FillP — Data Link

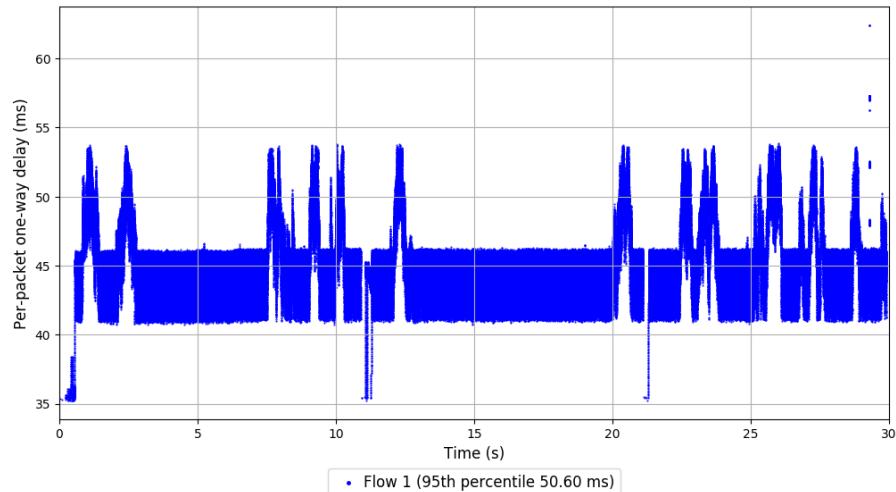
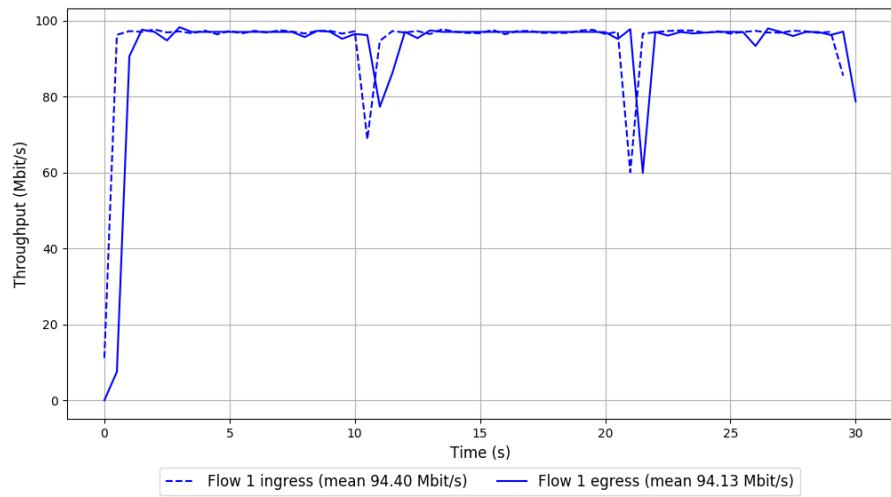


Run 1: Statistics of FillP-Sheep

```
Start at: 2018-07-10 12:16:38
End at: 2018-07-10 12:17:08
Local clock offset: -0.001 ms
Remote clock offset: 2.709 ms

# Below is generated by plot.py at 2018-07-10 16:31:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.13 Mbit/s
95th percentile per-packet one-way delay: 50.601 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 94.13 Mbit/s
95th percentile per-packet one-way delay: 50.601 ms
Loss rate: 0.53%
```

### Run 1: Report of FillP-Sheep — Data Link

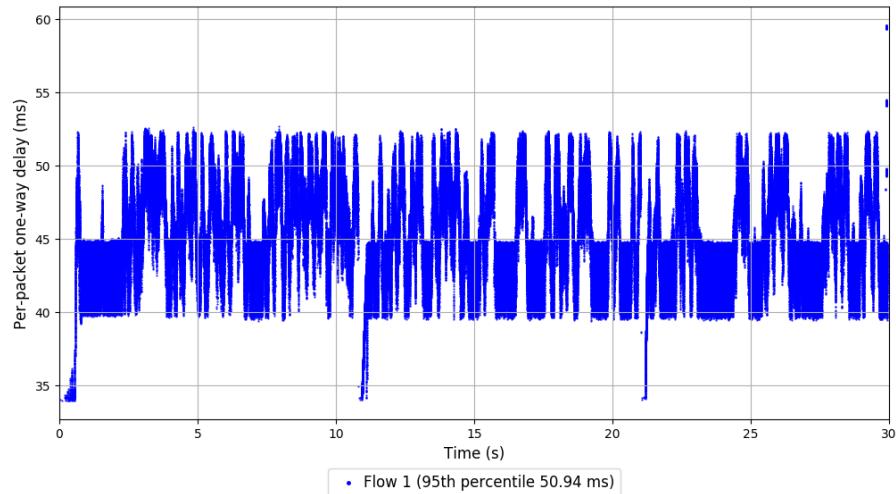
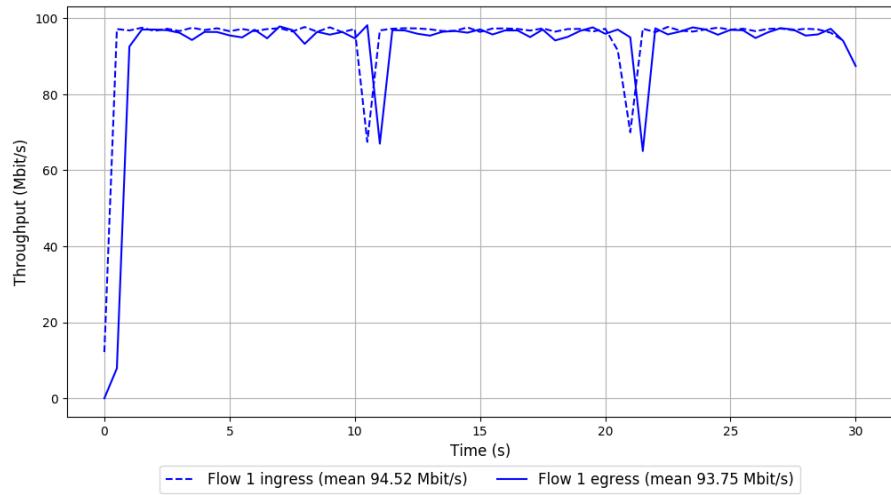


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-07-10 12:40:04
End at: 2018-07-10 12:40:34
Local clock offset: -0.074 ms
Remote clock offset: 0.505 ms

# Below is generated by plot.py at 2018-07-10 16:31:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.75 Mbit/s
95th percentile per-packet one-way delay: 50.937 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 93.75 Mbit/s
95th percentile per-packet one-way delay: 50.937 ms
Loss rate: 1.05%
```

## Run 2: Report of FillP-Sheep — Data Link

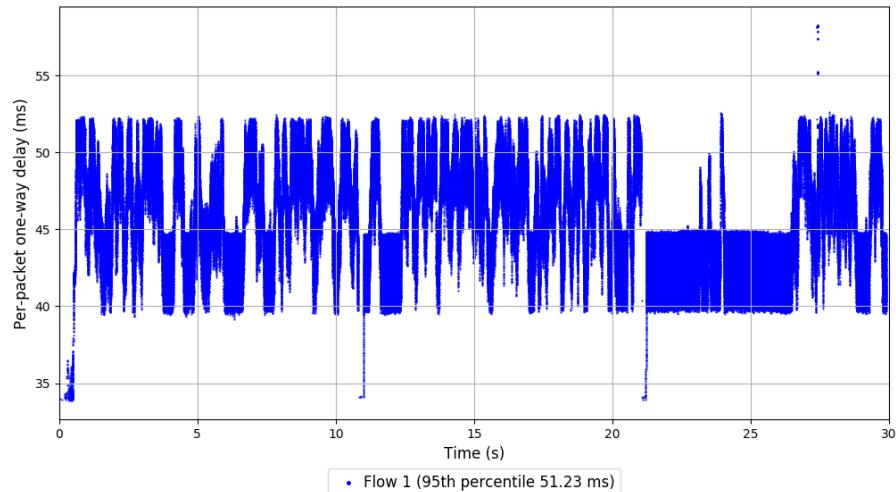
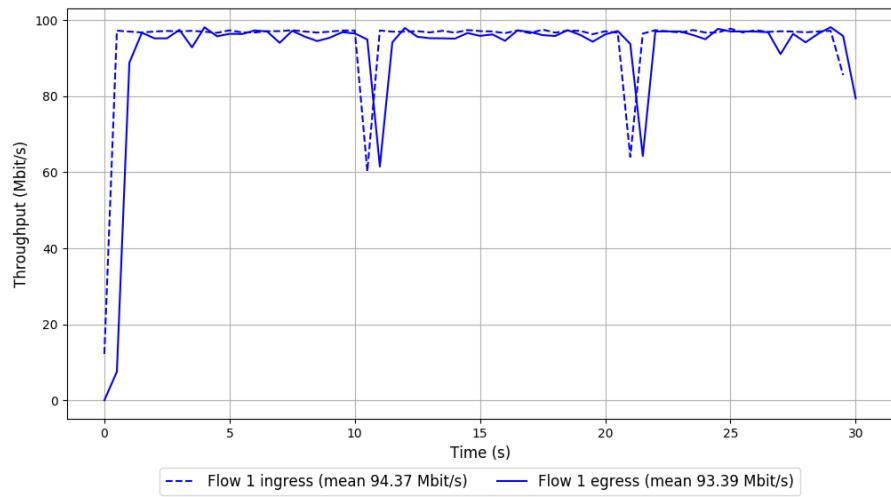


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-07-10 13:04:10
End at: 2018-07-10 13:04:40
Local clock offset: -0.064 ms
Remote clock offset: 0.289 ms

# Below is generated by plot.py at 2018-07-10 16:31:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.39 Mbit/s
95th percentile per-packet one-way delay: 51.235 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 93.39 Mbit/s
95th percentile per-packet one-way delay: 51.235 ms
Loss rate: 1.28%
```

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

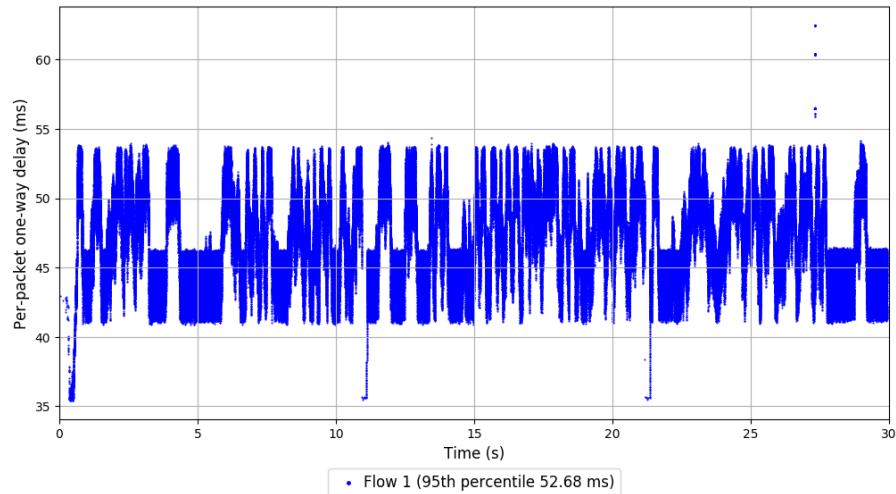
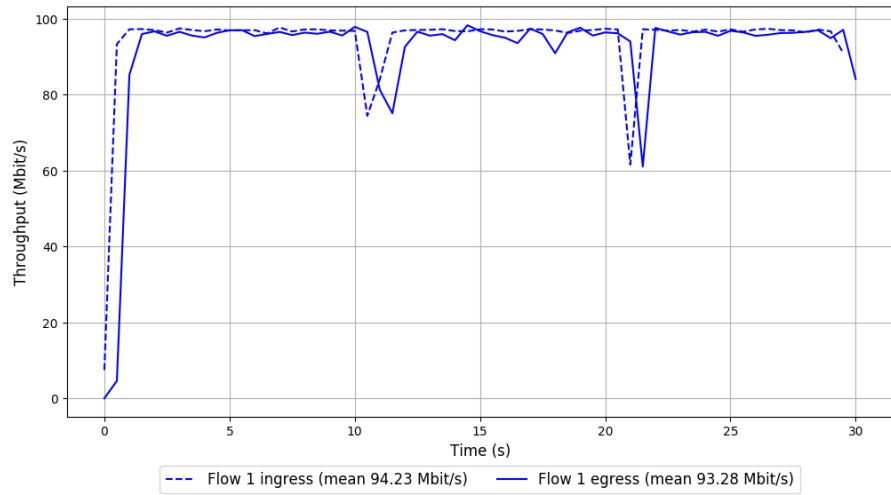


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-07-10 13:28:31
End at: 2018-07-10 13:29:01
Local clock offset: -0.034 ms
Remote clock offset: 0.319 ms

# Below is generated by plot.py at 2018-07-10 16:31:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 52.682 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 52.682 ms
Loss rate: 1.27%
```

### Run 4: Report of FillP-Sheep — Data Link

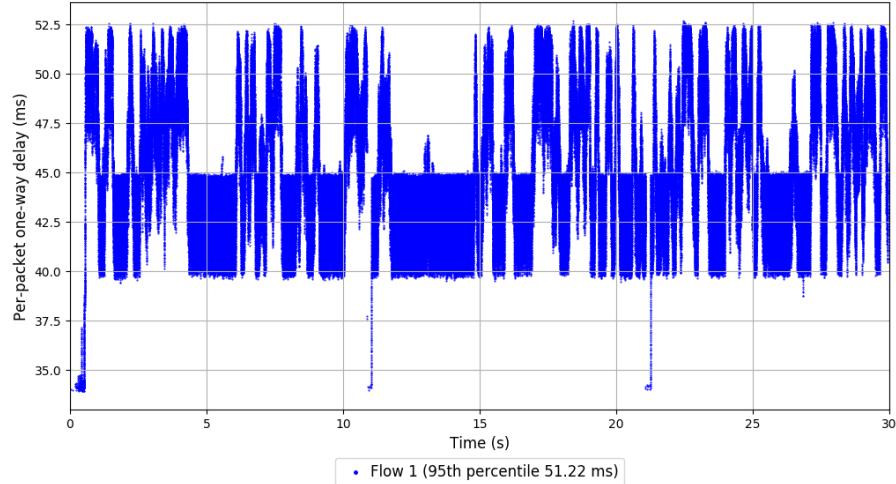
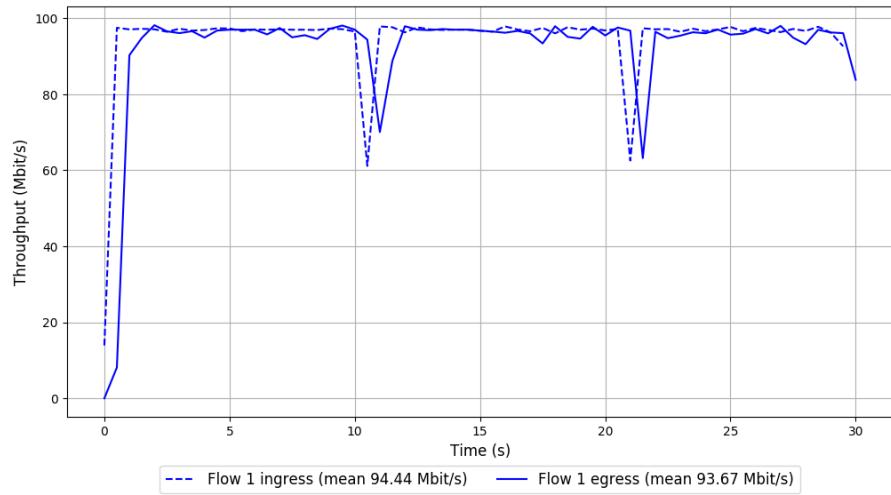


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-07-10 13:52:11
End at: 2018-07-10 13:52:41
Local clock offset: -0.41 ms
Remote clock offset: 3.438 ms

# Below is generated by plot.py at 2018-07-10 16:31:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.67 Mbit/s
95th percentile per-packet one-way delay: 51.222 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 93.67 Mbit/s
95th percentile per-packet one-way delay: 51.222 ms
Loss rate: 1.06%
```

### Run 5: Report of FillP-Sheep — Data Link

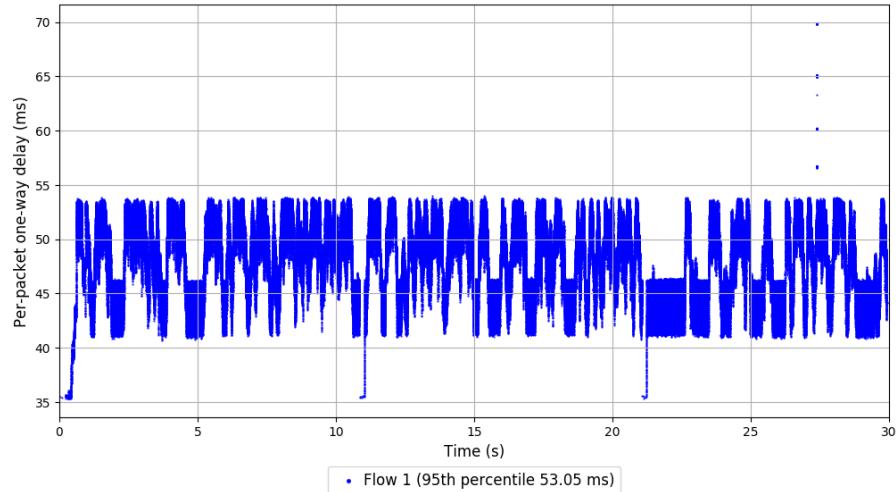
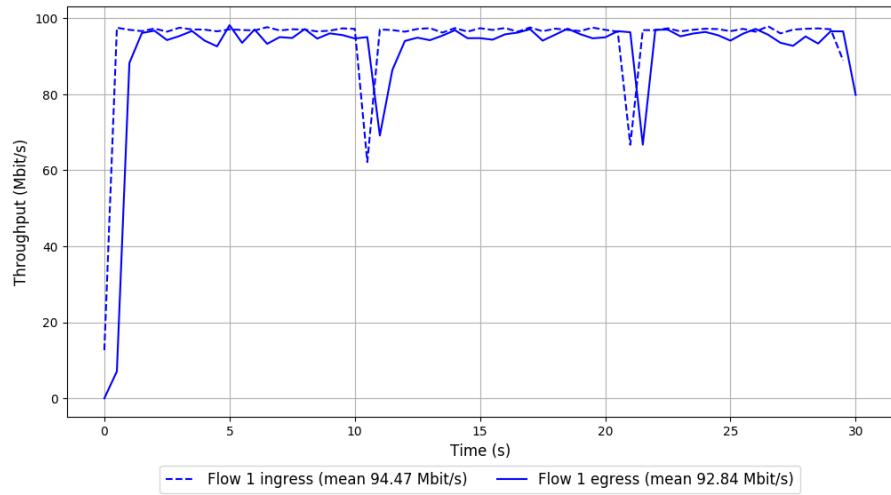


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-07-10 14:18:06
End at: 2018-07-10 14:18:36
Local clock offset: -0.471 ms
Remote clock offset: 5.815 ms

# Below is generated by plot.py at 2018-07-10 16:32:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 53.050 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 53.050 ms
Loss rate: 1.97%
```

### Run 6: Report of FillP-Sheep — Data Link

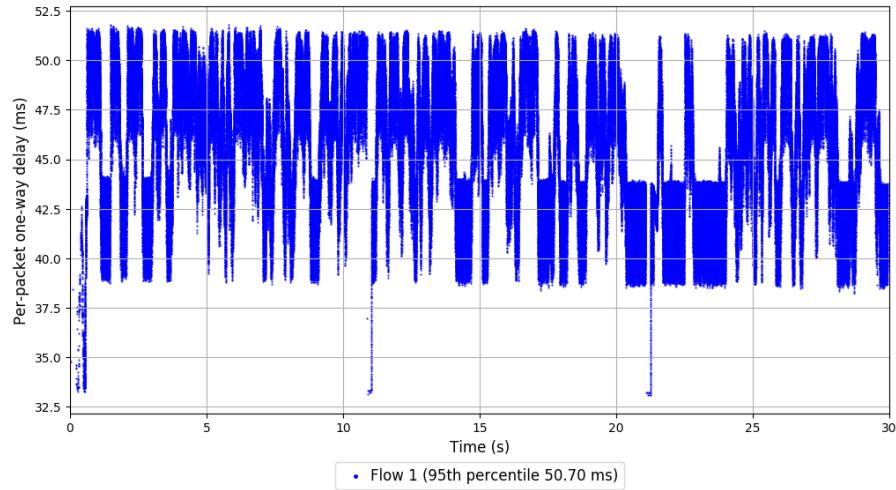
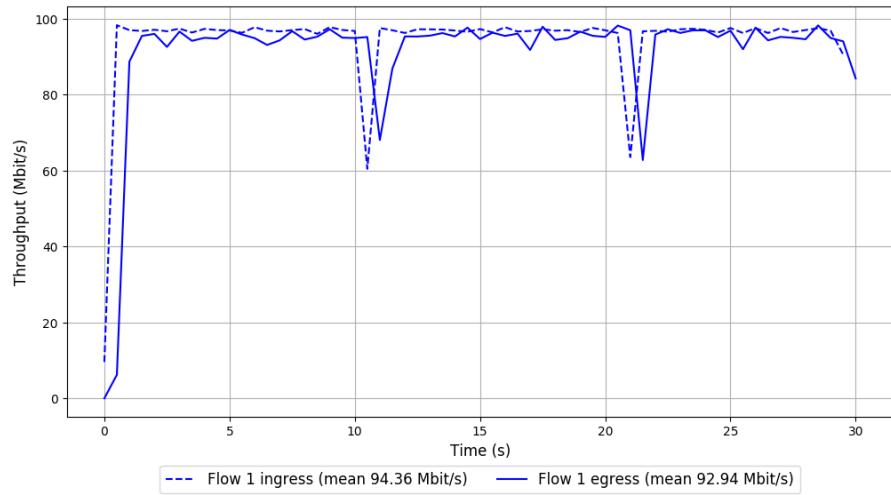


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-07-10 14:44:01
End at: 2018-07-10 14:44:31
Local clock offset: -0.563 ms
Remote clock offset: 6.585 ms

# Below is generated by plot.py at 2018-07-10 16:32:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.94 Mbit/s
95th percentile per-packet one-way delay: 50.699 ms
Loss rate: 1.75%
-- Flow 1:
Average throughput: 92.94 Mbit/s
95th percentile per-packet one-way delay: 50.699 ms
Loss rate: 1.75%
```

### Run 7: Report of FillP-Sheep — Data Link

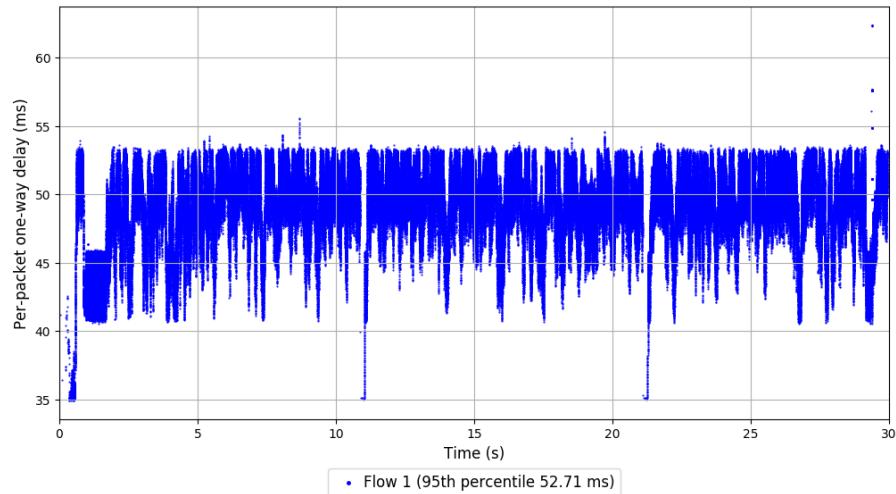
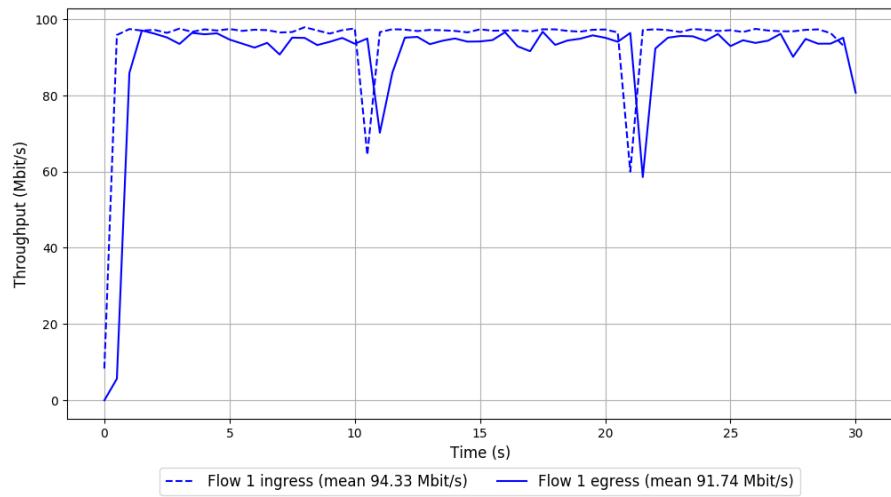


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-07-10 15:09:58
End at: 2018-07-10 15:10:28
Local clock offset: -0.51 ms
Remote clock offset: -1.991 ms

# Below is generated by plot.py at 2018-07-10 16:32:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.74 Mbit/s
95th percentile per-packet one-way delay: 52.707 ms
Loss rate: 2.99%
-- Flow 1:
Average throughput: 91.74 Mbit/s
95th percentile per-packet one-way delay: 52.707 ms
Loss rate: 2.99%
```

### Run 8: Report of FillP-Sheep — Data Link

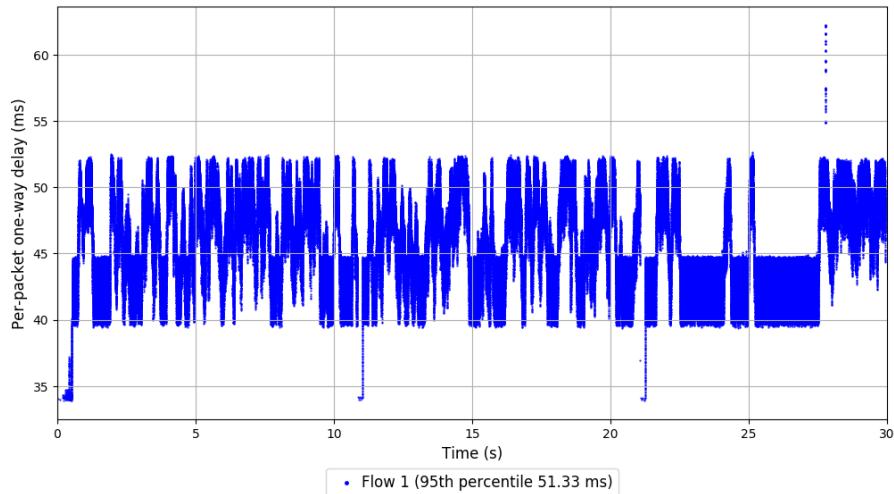
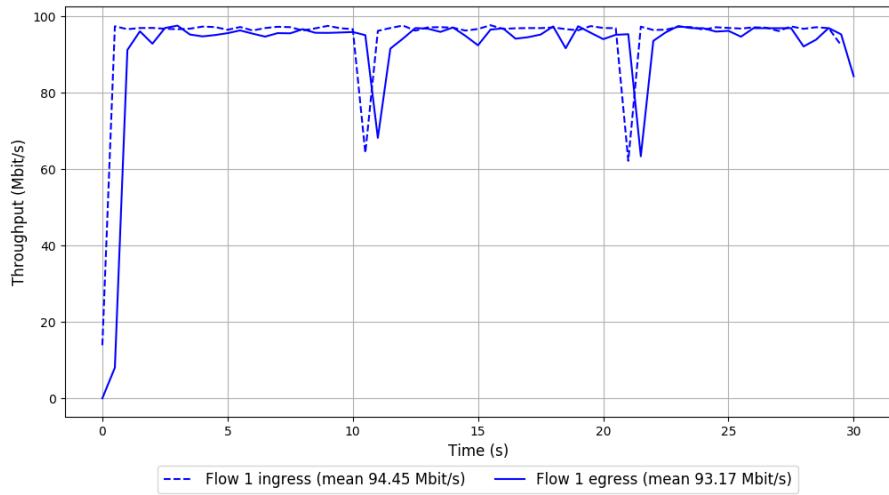


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-07-10 15:36:12
End at: 2018-07-10 15:36:42
Local clock offset: -0.206 ms
Remote clock offset: -5.396 ms

# Below is generated by plot.py at 2018-07-10 16:32:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.17 Mbit/s
95th percentile per-packet one-way delay: 51.334 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 93.17 Mbit/s
95th percentile per-packet one-way delay: 51.334 ms
Loss rate: 1.60%
```

Run 9: Report of FillP-Sheep — Data Link

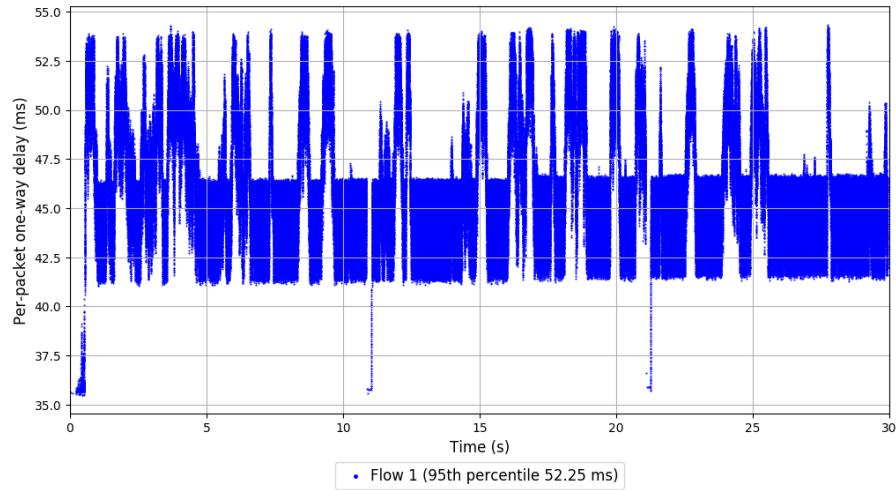
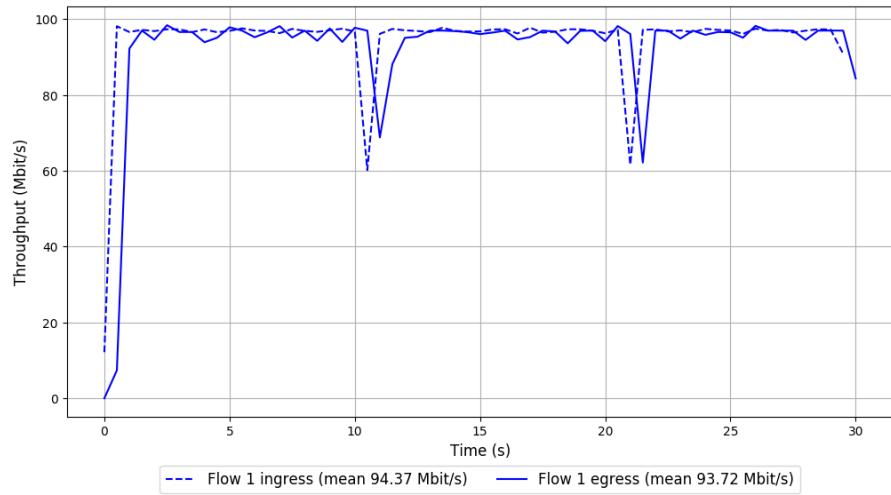


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-07-10 16:00:13
End at: 2018-07-10 16:00:43
Local clock offset: 0.193 ms
Remote clock offset: -0.349 ms

# Below is generated by plot.py at 2018-07-10 16:32:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 52.246 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 52.246 ms
Loss rate: 0.93%
```

Run 10: Report of FillP-Sheep — Data Link

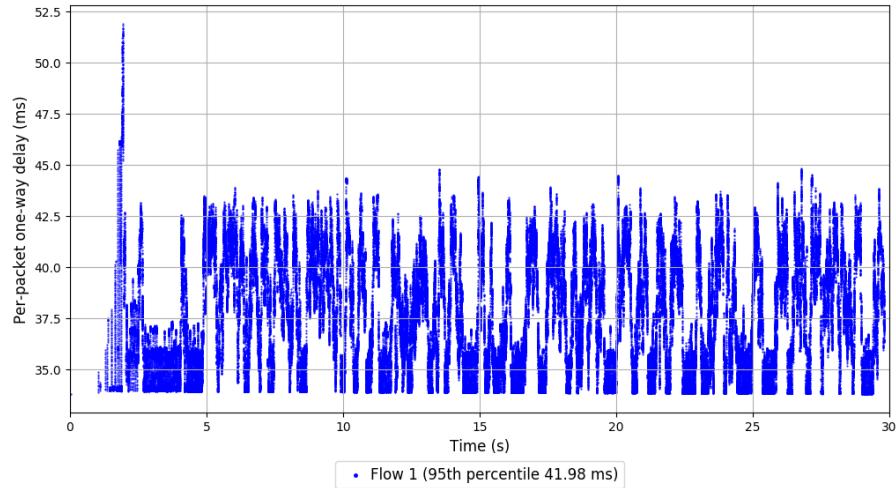
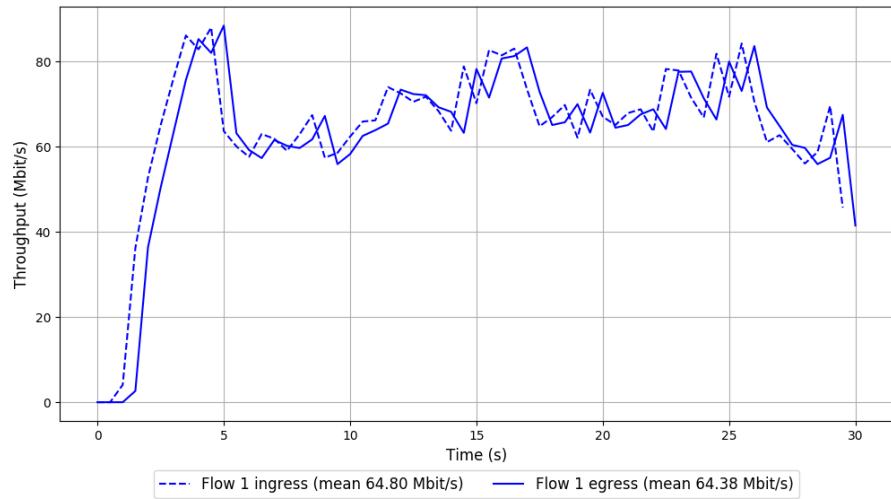


Run 1: Statistics of Indigo

```
Start at: 2018-07-10 12:28:29
End at: 2018-07-10 12:28:59
Local clock offset: -0.135 ms
Remote clock offset: 2.476 ms

# Below is generated by plot.py at 2018-07-10 16:32:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.38 Mbit/s
95th percentile per-packet one-way delay: 41.976 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 64.38 Mbit/s
95th percentile per-packet one-way delay: 41.976 ms
Loss rate: 0.87%
```

Run 1: Report of Indigo — Data Link

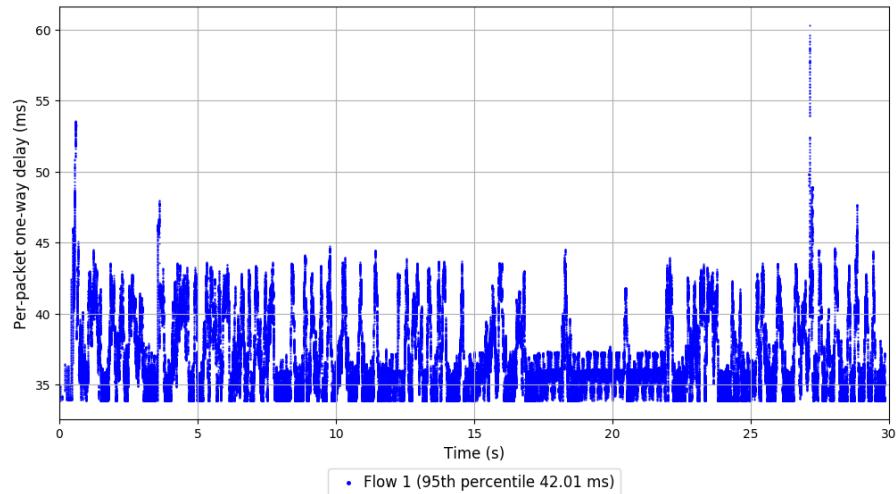
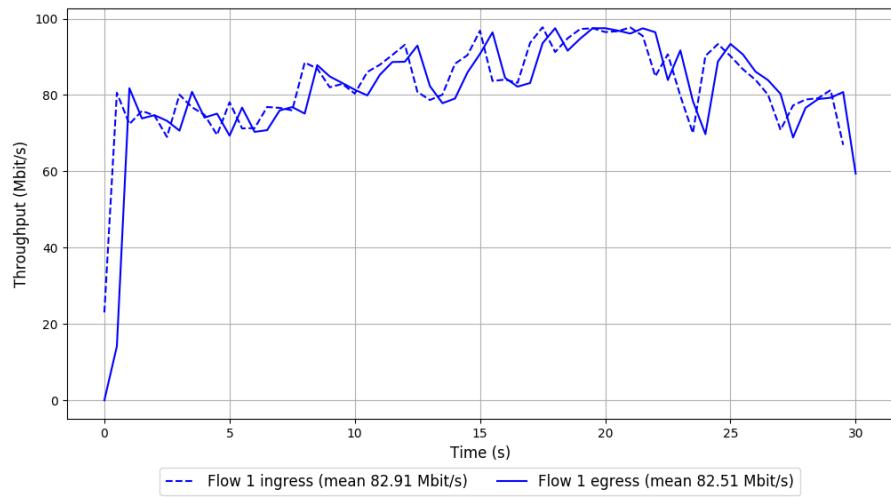


Run 2: Statistics of Indigo

```
Start at: 2018-07-10 12:51:58
End at: 2018-07-10 12:52:28
Local clock offset: -0.162 ms
Remote clock offset: 0.163 ms

# Below is generated by plot.py at 2018-07-10 16:32:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.51 Mbit/s
95th percentile per-packet one-way delay: 42.005 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 82.51 Mbit/s
95th percentile per-packet one-way delay: 42.005 ms
Loss rate: 0.72%
```

## Run 2: Report of Indigo — Data Link

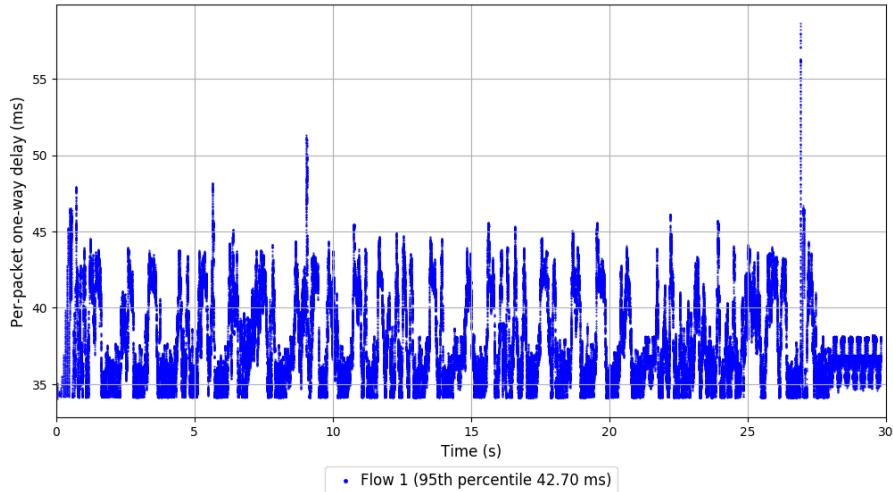
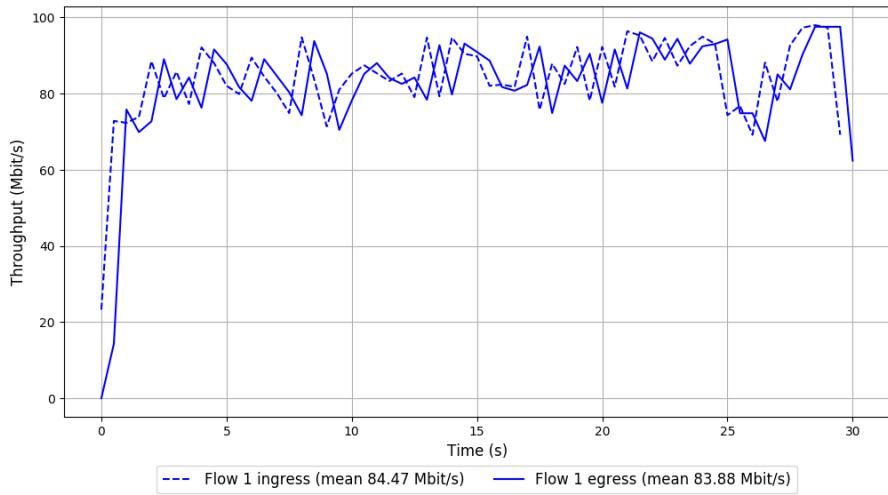


Run 3: Statistics of Indigo

```
Start at: 2018-07-10 13:16:17
End at: 2018-07-10 13:16:47
Local clock offset: -0.038 ms
Remote clock offset: 0.447 ms

# Below is generated by plot.py at 2018-07-10 16:32:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.88 Mbit/s
95th percentile per-packet one-way delay: 42.700 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 83.88 Mbit/s
95th percentile per-packet one-way delay: 42.700 ms
Loss rate: 0.93%
```

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

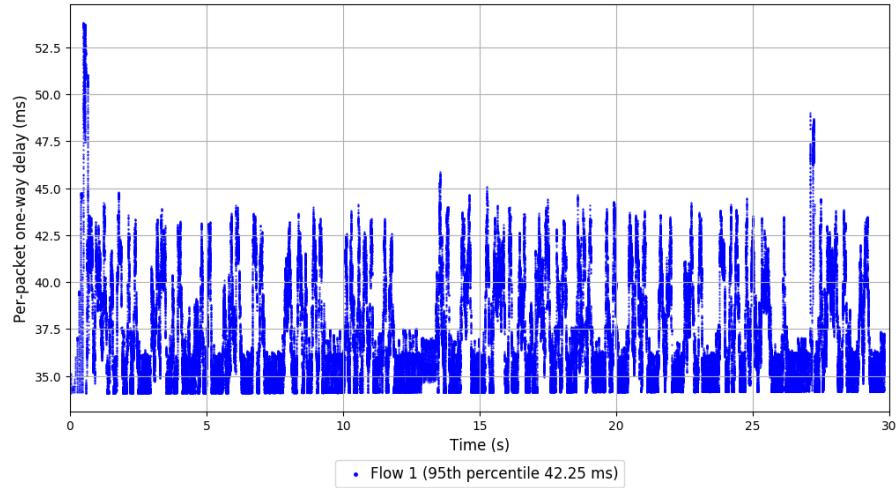
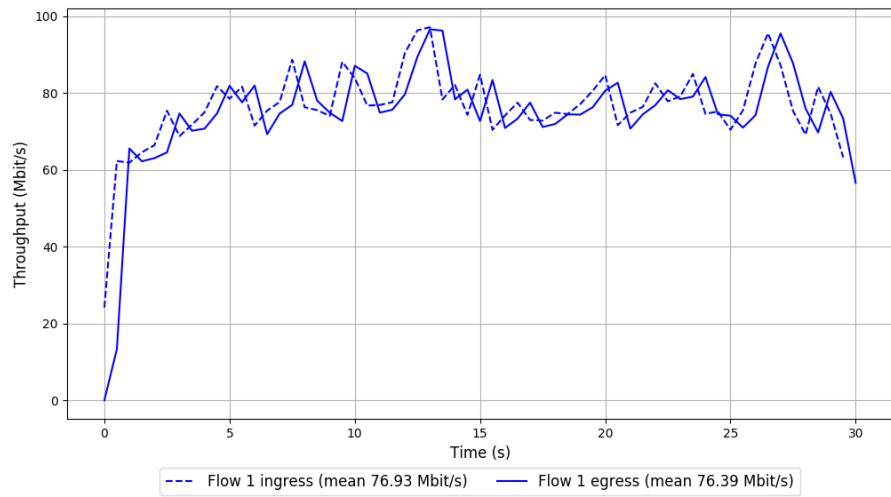


Run 4: Statistics of Indigo

```
Start at: 2018-07-10 13:40:33
End at: 2018-07-10 13:41:03
Local clock offset: -0.122 ms
Remote clock offset: 1.856 ms

# Below is generated by plot.py at 2018-07-10 16:32:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.39 Mbit/s
95th percentile per-packet one-way delay: 42.250 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 76.39 Mbit/s
95th percentile per-packet one-way delay: 42.250 ms
Loss rate: 0.93%
```

## Run 4: Report of Indigo — Data Link

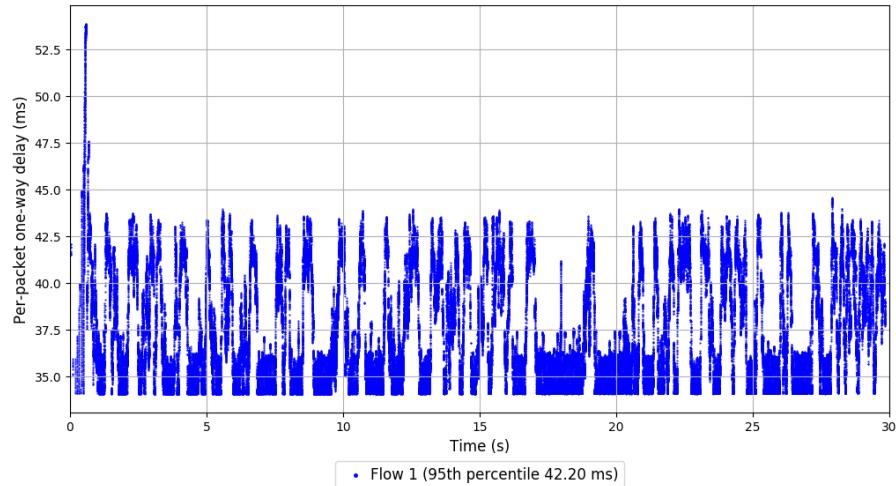
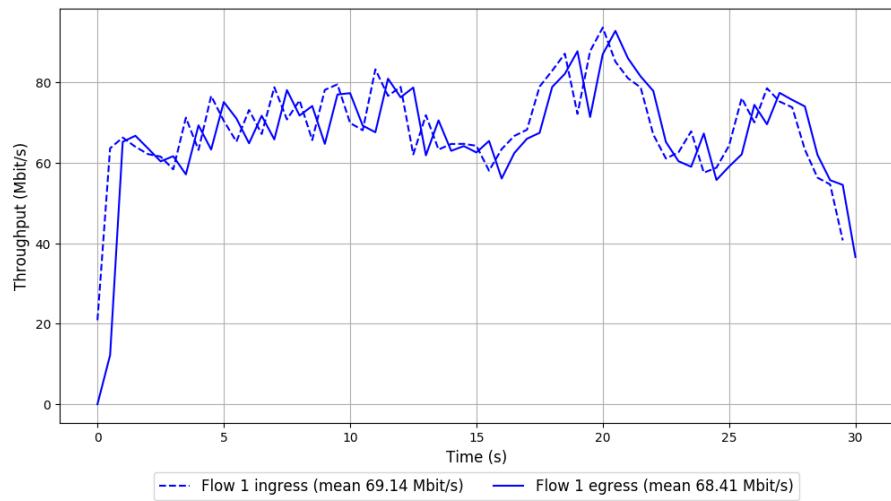


Run 5: Statistics of Indigo

```
Start at: 2018-07-10 14:04:44
End at: 2018-07-10 14:05:14
Local clock offset: -0.444 ms
Remote clock offset: 4.838 ms

# Below is generated by plot.py at 2018-07-10 16:33:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.41 Mbit/s
95th percentile per-packet one-way delay: 42.199 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 68.41 Mbit/s
95th percentile per-packet one-way delay: 42.199 ms
Loss rate: 1.32%
```

Run 5: Report of Indigo — Data Link

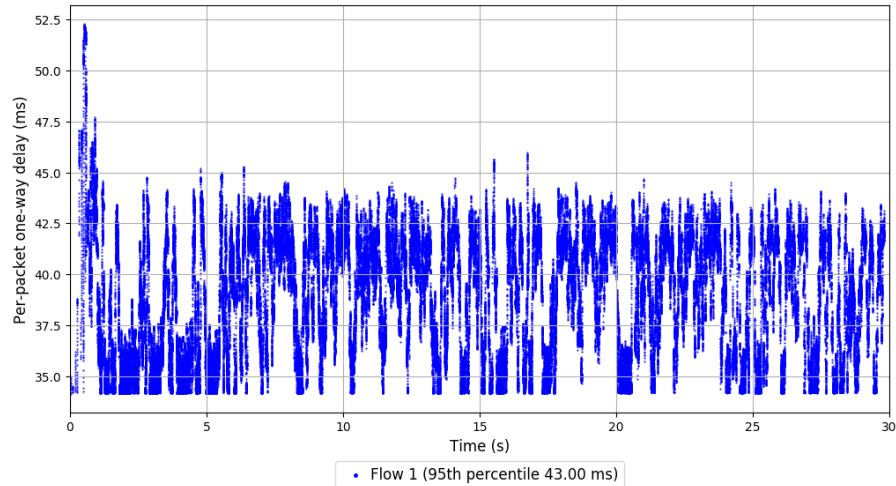
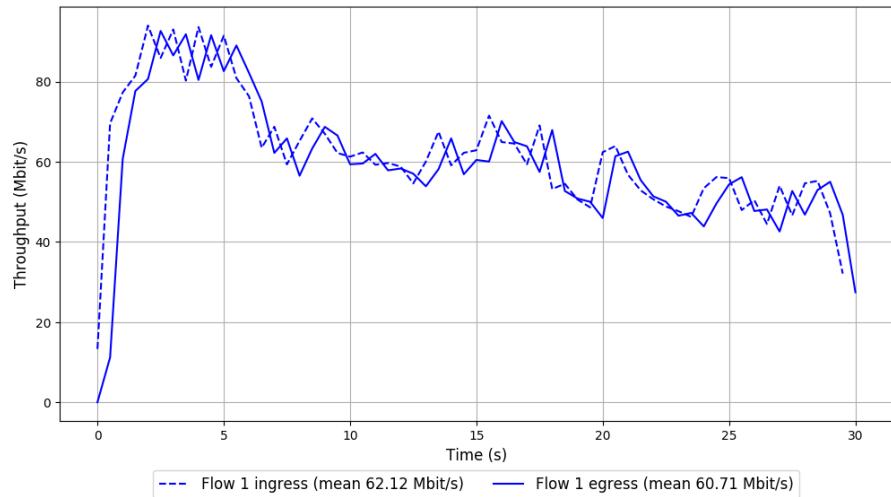


Run 6: Statistics of Indigo

```
Start at: 2018-07-10 14:30:40
End at: 2018-07-10 14:31:10
Local clock offset: -0.475 ms
Remote clock offset: 6.266 ms

# Below is generated by plot.py at 2018-07-10 16:33:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.71 Mbit/s
95th percentile per-packet one-way delay: 43.000 ms
Loss rate: 2.48%
-- Flow 1:
Average throughput: 60.71 Mbit/s
95th percentile per-packet one-way delay: 43.000 ms
Loss rate: 2.48%
```

Run 6: Report of Indigo — Data Link

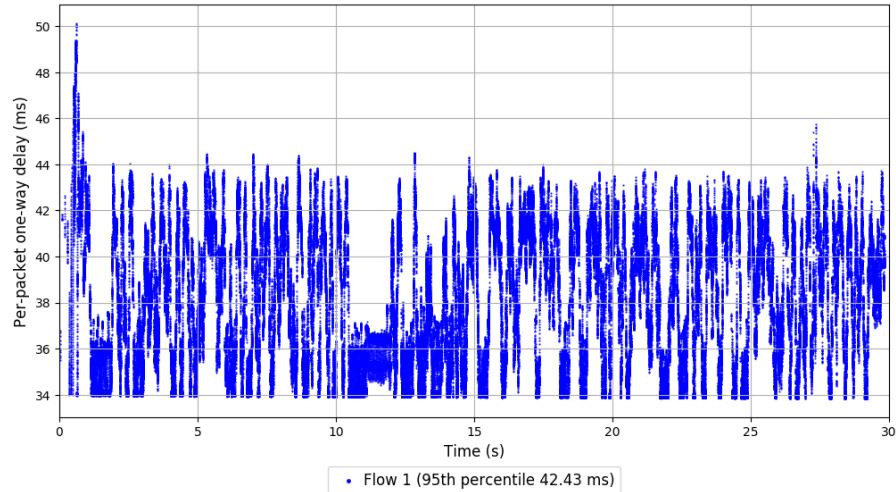
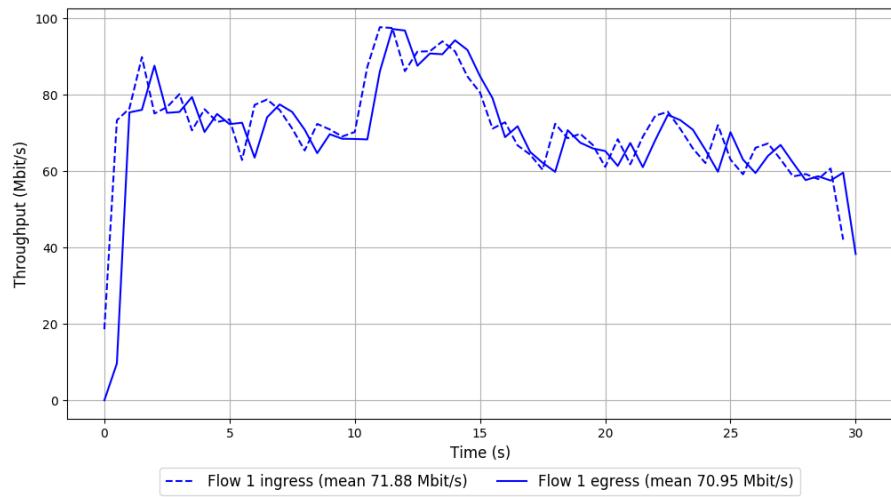


Run 7: Statistics of Indigo

```
Start at: 2018-07-10 14:56:21
End at: 2018-07-10 14:56:51
Local clock offset: -0.456 ms
Remote clock offset: 0.527 ms

# Below is generated by plot.py at 2018-07-10 16:33:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.95 Mbit/s
95th percentile per-packet one-way delay: 42.434 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 70.95 Mbit/s
95th percentile per-packet one-way delay: 42.434 ms
Loss rate: 1.52%
```

## Run 7: Report of Indigo — Data Link

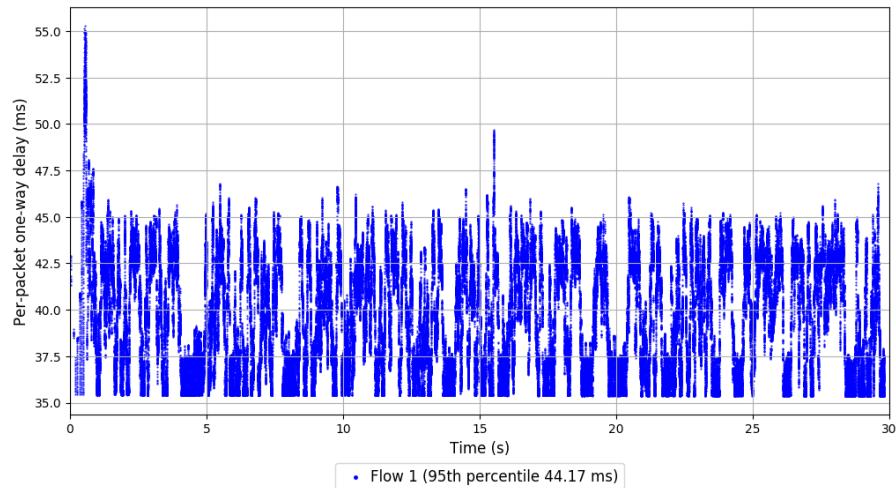
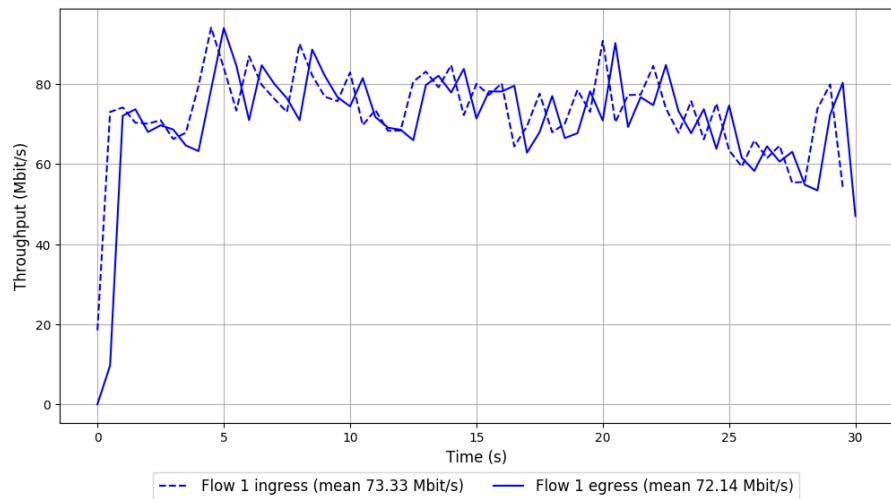


Run 8: Statistics of Indigo

```
Start at: 2018-07-10 15:22:39
End at: 2018-07-10 15:23:09
Local clock offset: -0.338 ms
Remote clock offset: -3.772 ms

# Below is generated by plot.py at 2018-07-10 16:33:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.14 Mbit/s
95th percentile per-packet one-way delay: 44.172 ms
Loss rate: 1.87%
-- Flow 1:
Average throughput: 72.14 Mbit/s
95th percentile per-packet one-way delay: 44.172 ms
Loss rate: 1.87%
```

Run 8: Report of Indigo — Data Link

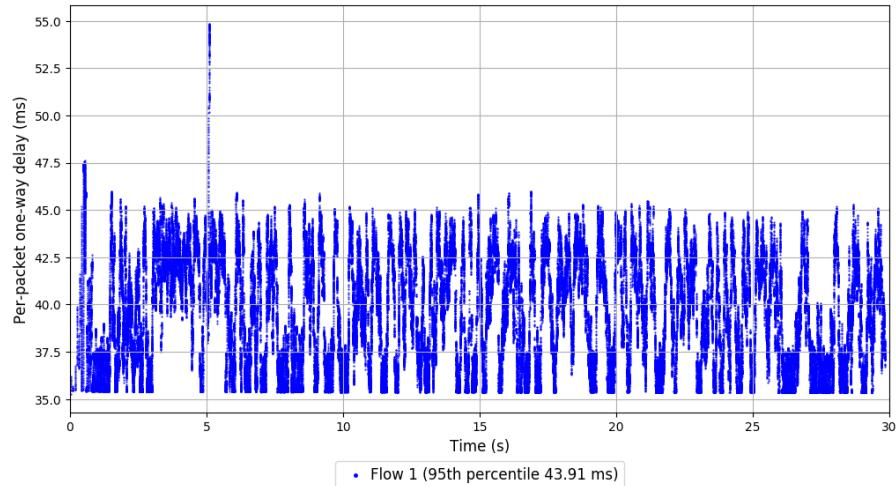
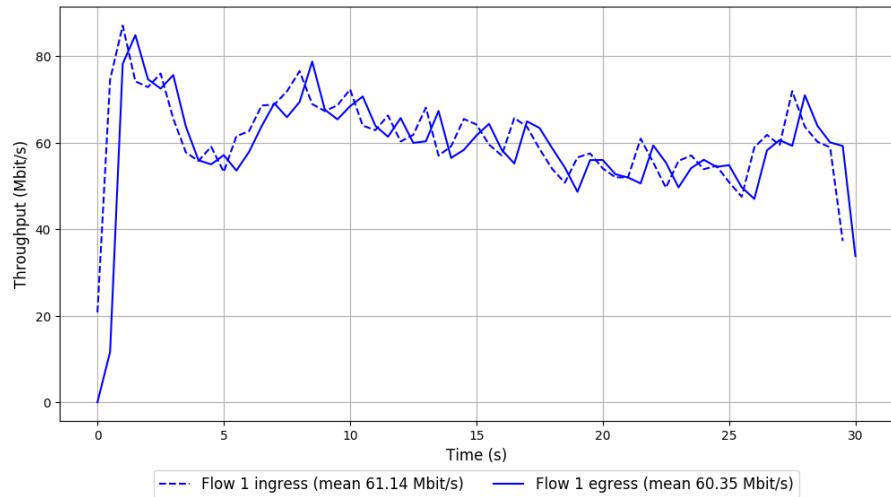


Run 9: Statistics of Indigo

```
Start at: 2018-07-10 15:48:35
End at: 2018-07-10 15:49:05
Local clock offset: -0.03 ms
Remote clock offset: -6.656 ms

# Below is generated by plot.py at 2018-07-10 16:33:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.35 Mbit/s
95th percentile per-packet one-way delay: 43.908 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 60.35 Mbit/s
95th percentile per-packet one-way delay: 43.908 ms
Loss rate: 1.53%
```

## Run 9: Report of Indigo — Data Link

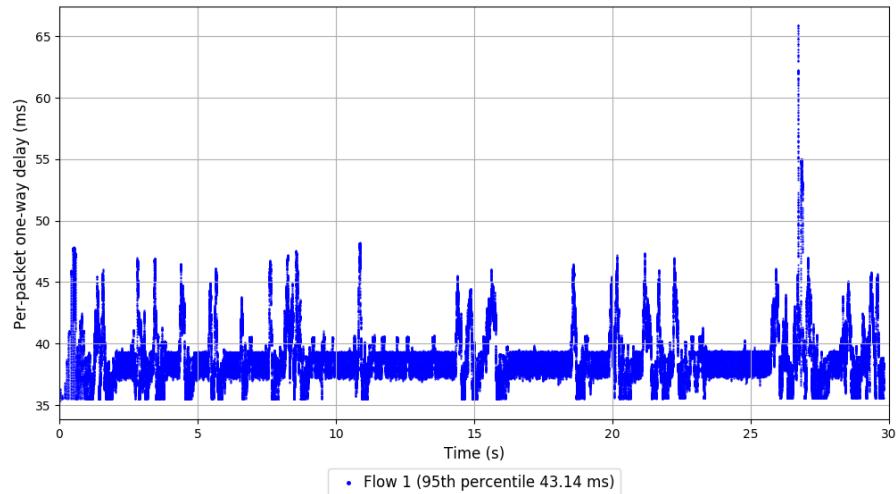
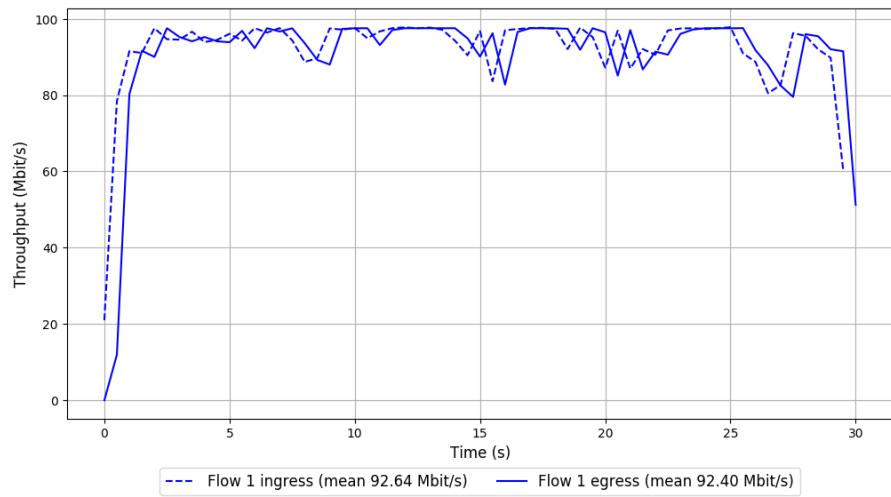


Run 10: Statistics of Indigo

```
Start at: 2018-07-10 16:12:11
End at: 2018-07-10 16:12:41
Local clock offset: 0.278 ms
Remote clock offset: 3.535 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 43.136 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 43.136 ms
Loss rate: 0.50%
```

## Run 10: Report of Indigo — Data Link

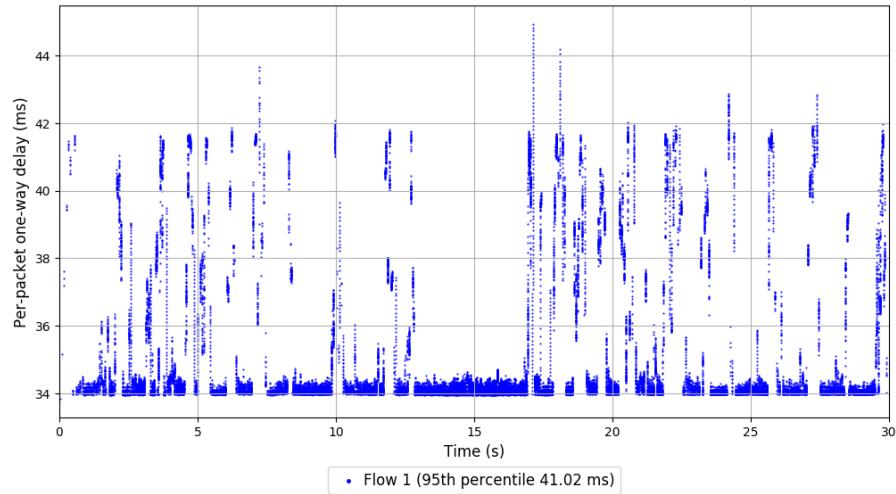
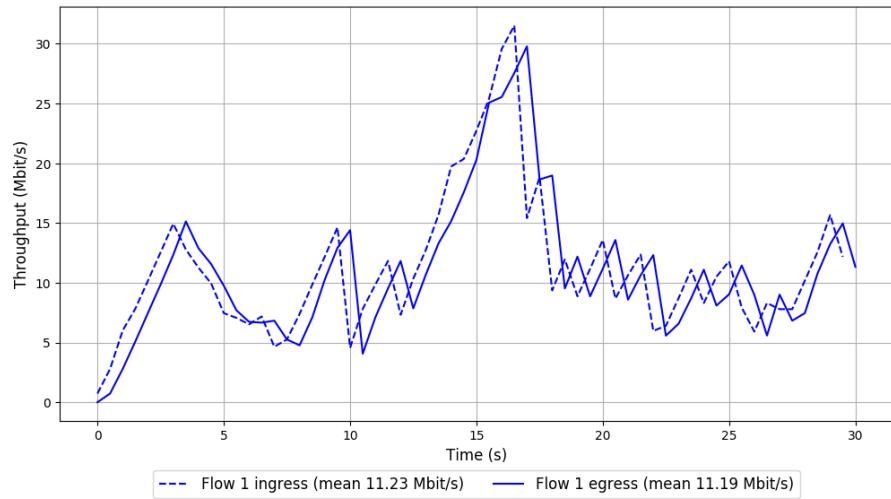


Run 1: Statistics of LEDBAT

```
Start at: 2018-07-10 12:25:56
End at: 2018-07-10 12:26:26
Local clock offset: -0.051 ms
Remote clock offset: 2.853 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.19 Mbit/s
95th percentile per-packet one-way delay: 41.017 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 11.19 Mbit/s
95th percentile per-packet one-way delay: 41.017 ms
Loss rate: 0.58%
```

Run 1: Report of LEDBAT — Data Link

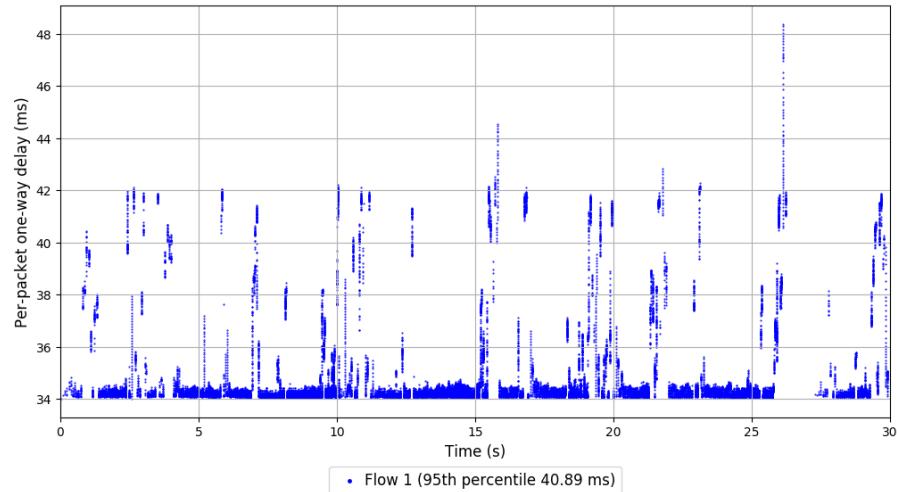
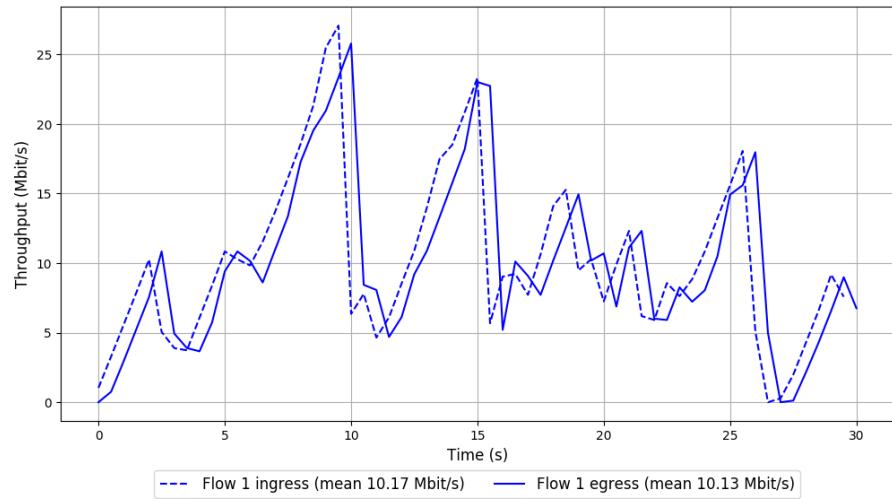


Run 2: Statistics of LEDBAT

```
Start at: 2018-07-10 12:49:24
End at: 2018-07-10 12:49:54
Local clock offset: -0.056 ms
Remote clock offset: 0.163 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.13 Mbit/s
95th percentile per-packet one-way delay: 40.894 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 10.13 Mbit/s
95th percentile per-packet one-way delay: 40.894 ms
Loss rate: 0.59%
```

Run 2: Report of LEDBAT — Data Link

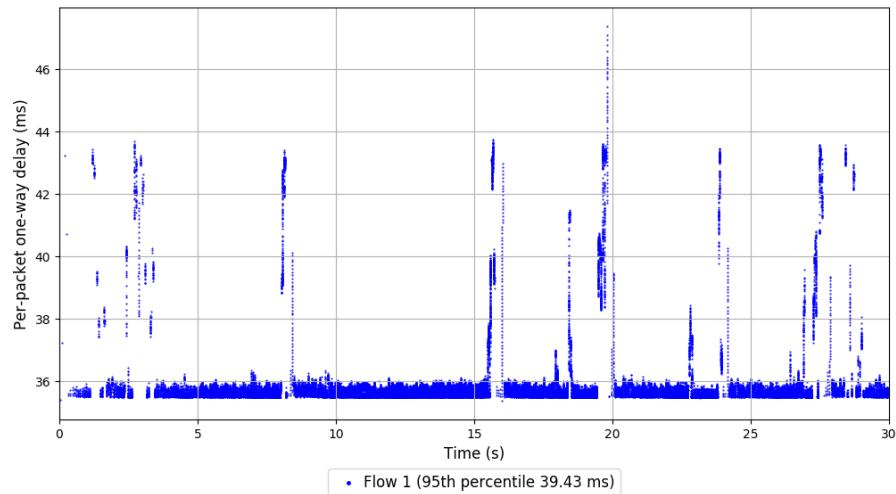
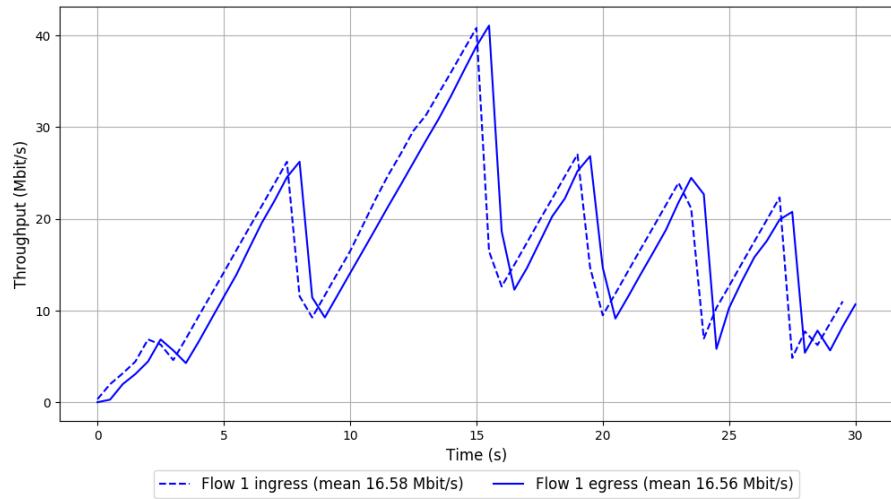


Run 3: Statistics of LEDBAT

```
Start at: 2018-07-10 13:13:39
End at: 2018-07-10 13:14:09
Local clock offset: -0.03 ms
Remote clock offset: 0.443 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.56 Mbit/s
95th percentile per-packet one-way delay: 39.431 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 16.56 Mbit/s
95th percentile per-packet one-way delay: 39.431 ms
Loss rate: 0.35%
```

Run 3: Report of LEDBAT — Data Link

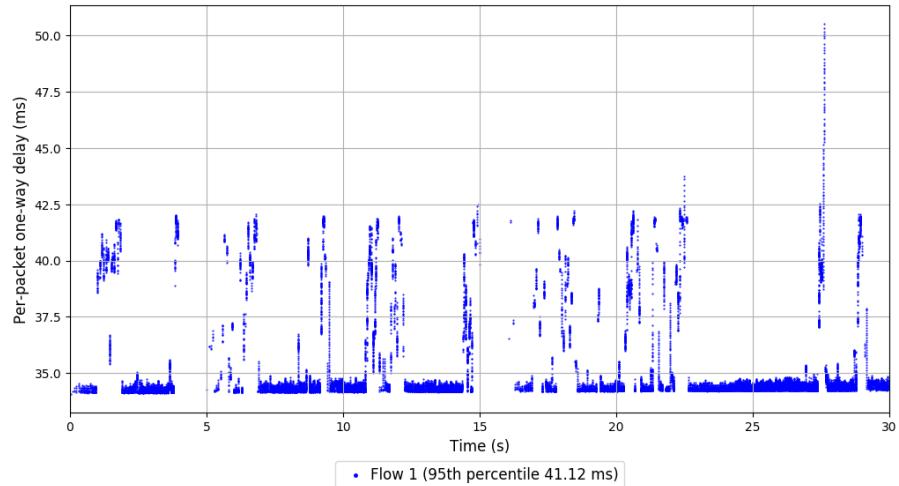
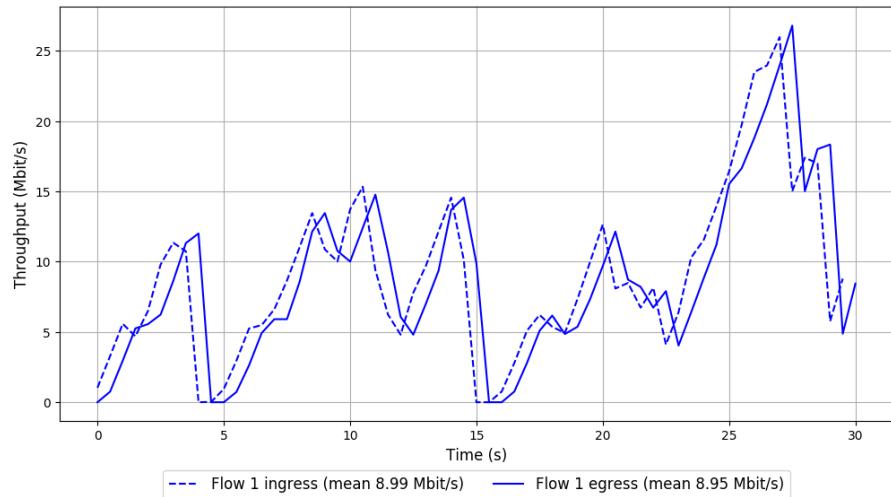


Run 4: Statistics of LEDBAT

```
Start at: 2018-07-10 13:37:58
End at: 2018-07-10 13:38:28
Local clock offset: -0.084 ms
Remote clock offset: 1.235 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.95 Mbit/s
95th percentile per-packet one-way delay: 41.123 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 8.95 Mbit/s
95th percentile per-packet one-way delay: 41.123 ms
Loss rate: 0.68%
```

Run 4: Report of LEDBAT — Data Link

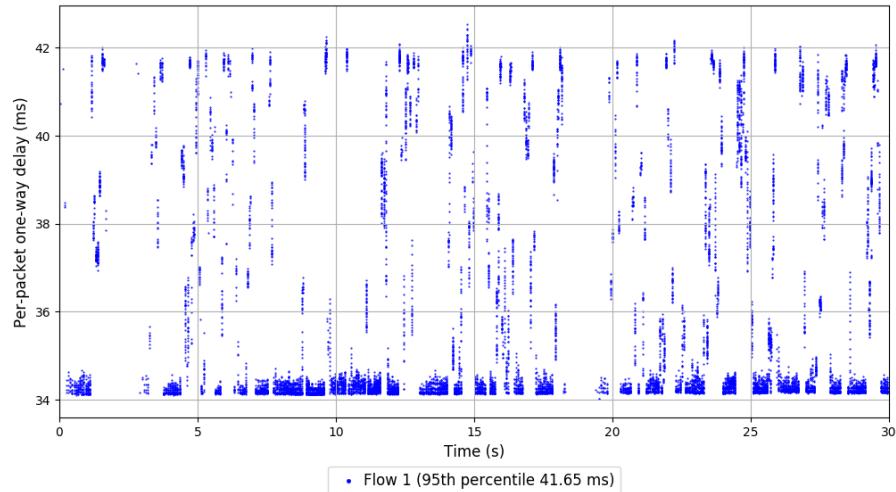
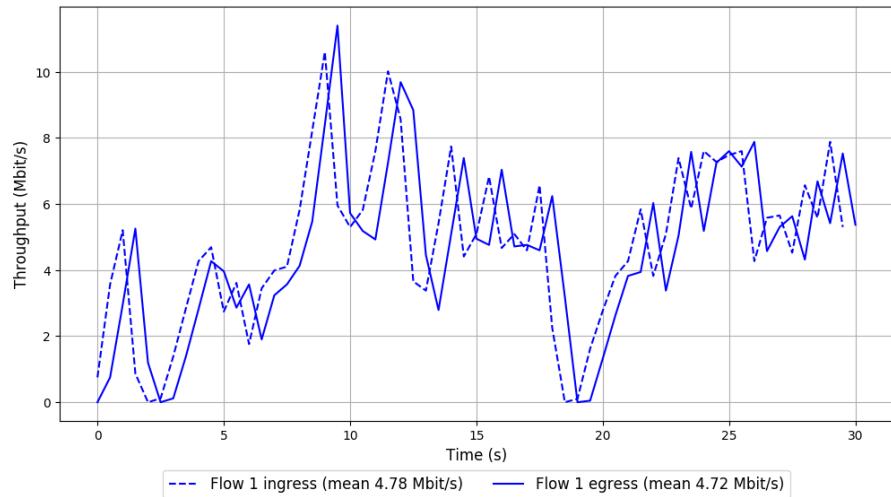


Run 5: Statistics of LEDBAT

```
Start at: 2018-07-10 14:02:02
End at: 2018-07-10 14:02:32
Local clock offset: -0.408 ms
Remote clock offset: 4.554 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.72 Mbit/s
95th percentile per-packet one-way delay: 41.652 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 4.72 Mbit/s
95th percentile per-packet one-way delay: 41.652 ms
Loss rate: 1.52%
```

Run 5: Report of LEDBAT — Data Link

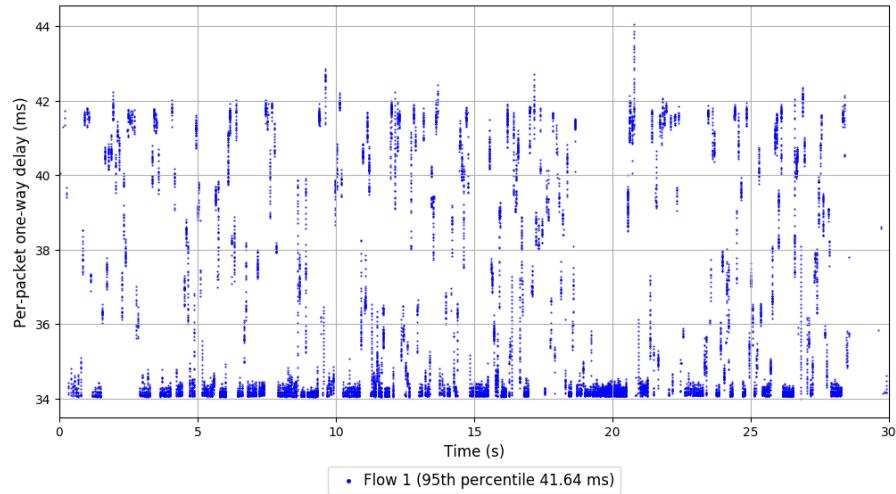
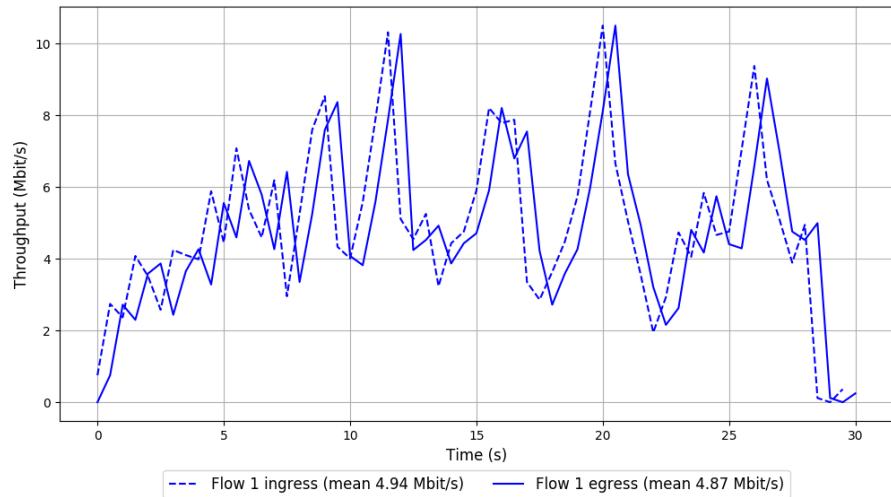


Run 6: Statistics of LEDBAT

```
Start at: 2018-07-10 14:28:05
End at: 2018-07-10 14:28:35
Local clock offset: -0.554 ms
Remote clock offset: 6.218 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.87 Mbit/s
95th percentile per-packet one-way delay: 41.637 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 4.87 Mbit/s
95th percentile per-packet one-way delay: 41.637 ms
Loss rate: 1.52%
```

Run 6: Report of LEDBAT — Data Link

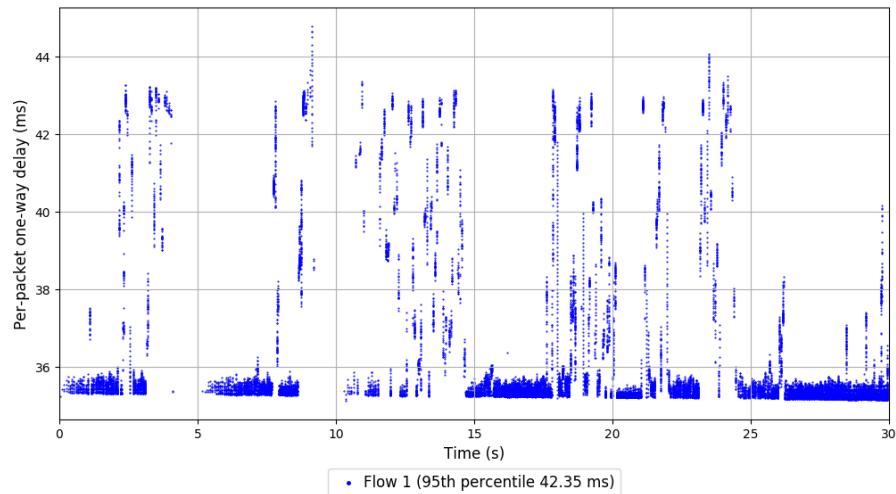
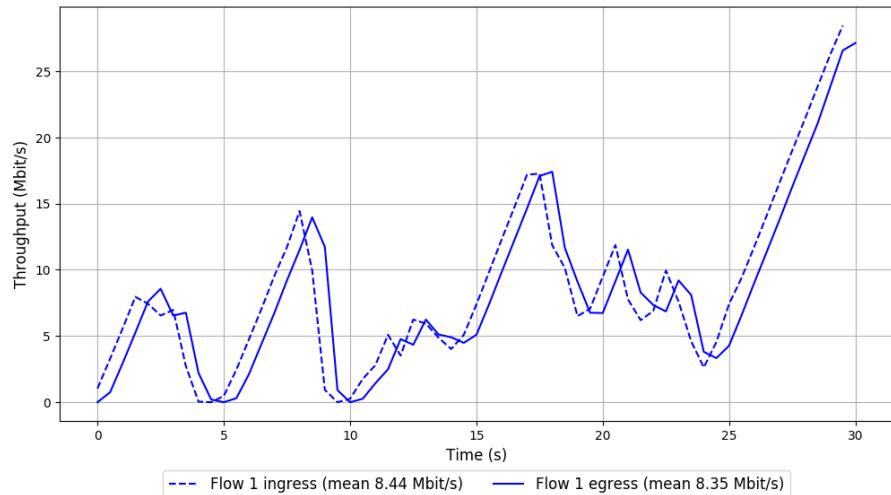


Run 7: Statistics of LEDBAT

```
Start at: 2018-07-10 14:53:45
End at: 2018-07-10 14:54:15
Local clock offset: -0.544 ms
Remote clock offset: 1.187 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 42.352 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 42.352 ms
Loss rate: 1.32%
```

Run 7: Report of LEDBAT — Data Link

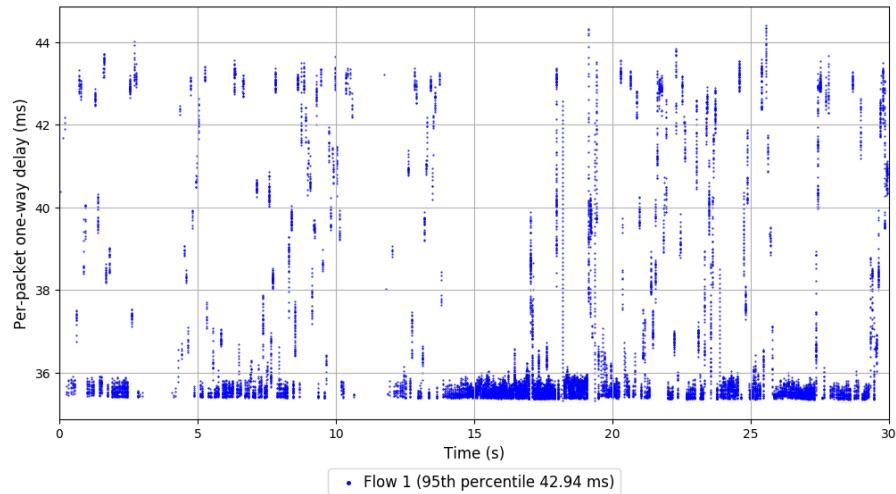
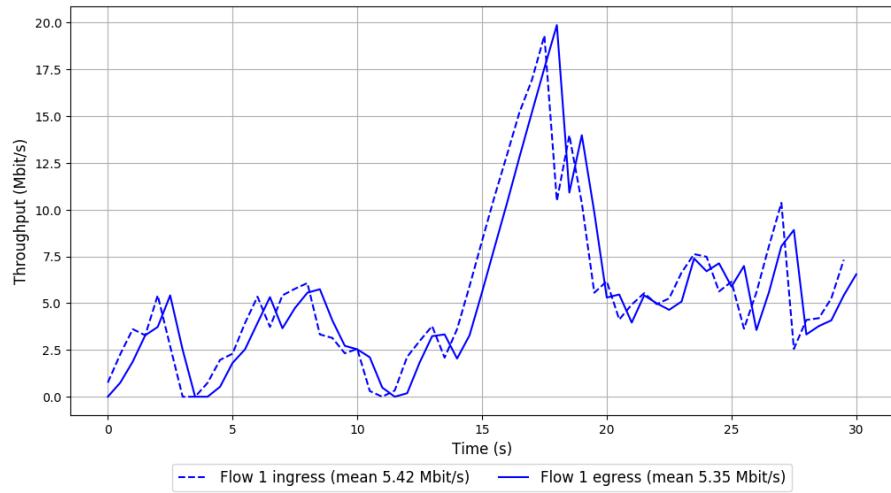


Run 8: Statistics of LEDBAT

```
Start at: 2018-07-10 15:20:06
End at: 2018-07-10 15:20:36
Local clock offset: -0.344 ms
Remote clock offset: -3.449 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.35 Mbit/s
95th percentile per-packet one-way delay: 42.936 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 5.35 Mbit/s
95th percentile per-packet one-way delay: 42.936 ms
Loss rate: 1.70%
```

Run 8: Report of LEDBAT — Data Link

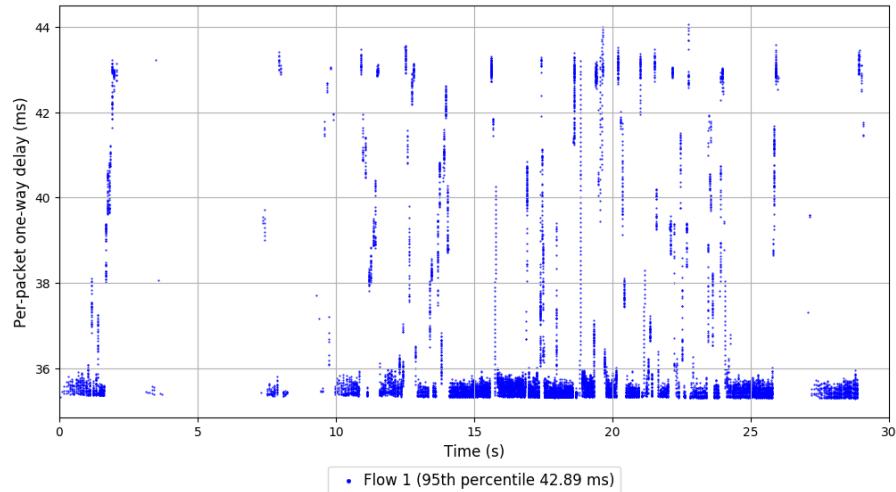
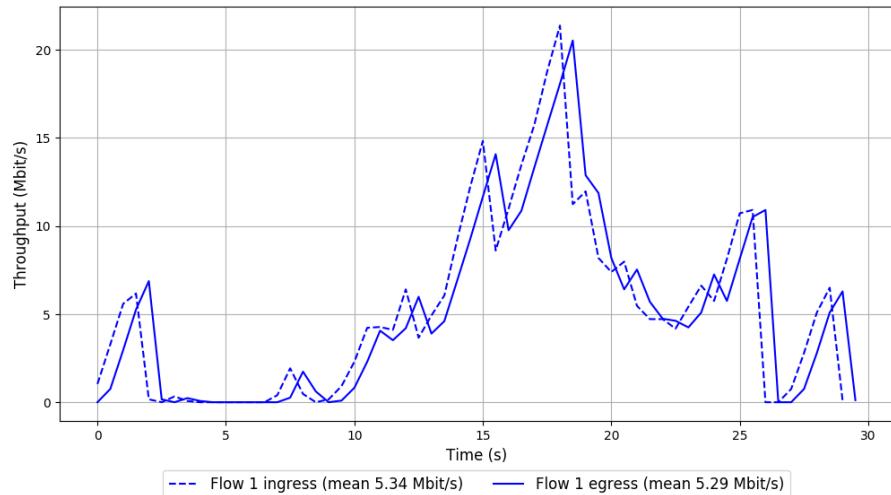


Run 9: Statistics of LEDBAT

```
Start at: 2018-07-10 15:45:59
End at: 2018-07-10 15:46:29
Local clock offset: -0.082 ms
Remote clock offset: -6.367 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.29 Mbit/s
95th percentile per-packet one-way delay: 42.886 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 5.29 Mbit/s
95th percentile per-packet one-way delay: 42.886 ms
Loss rate: 0.93%
```

Run 9: Report of LEDBAT — Data Link

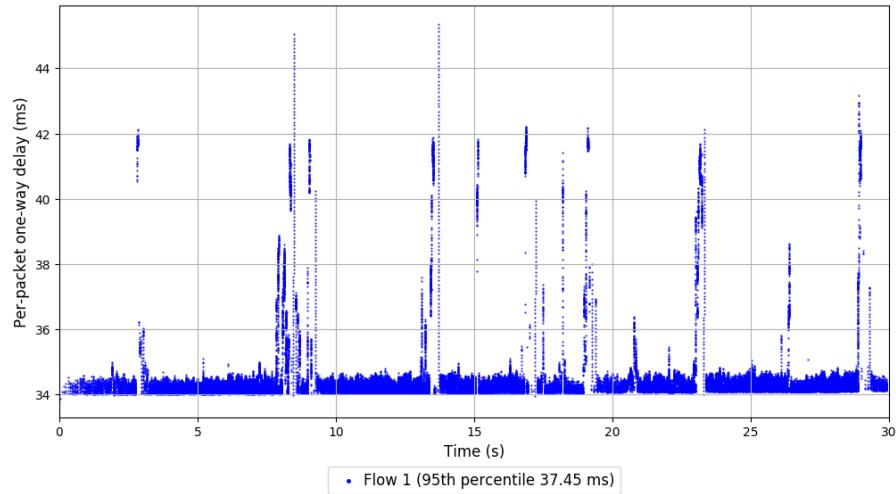
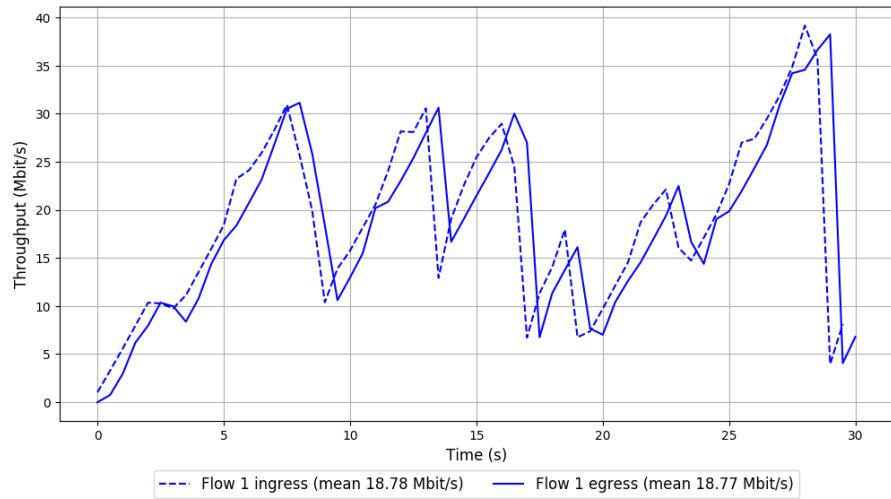


Run 10: Statistics of LEDBAT

```
Start at: 2018-07-10 16:09:36
End at: 2018-07-10 16:10:06
Local clock offset: 0.248 ms
Remote clock offset: 3.116 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.77 Mbit/s
95th percentile per-packet one-way delay: 37.445 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 18.77 Mbit/s
95th percentile per-packet one-way delay: 37.445 ms
Loss rate: 0.28%
```

## Run 10: Report of LEDBAT — Data Link

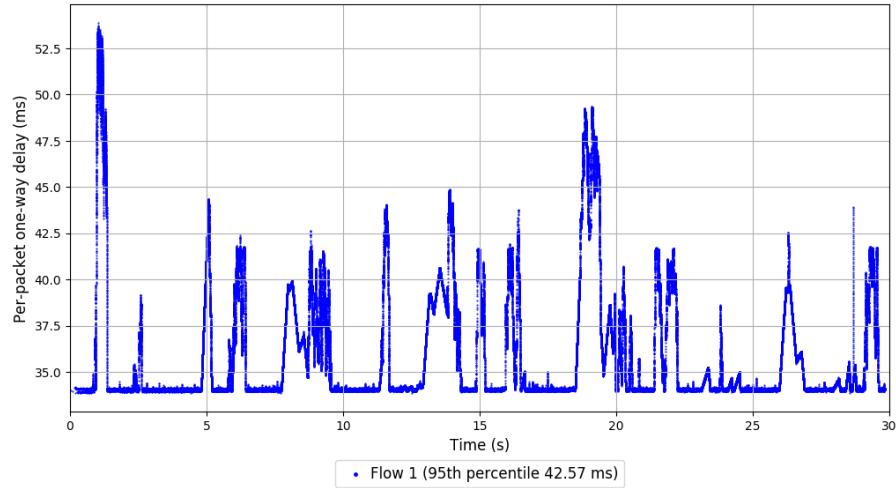
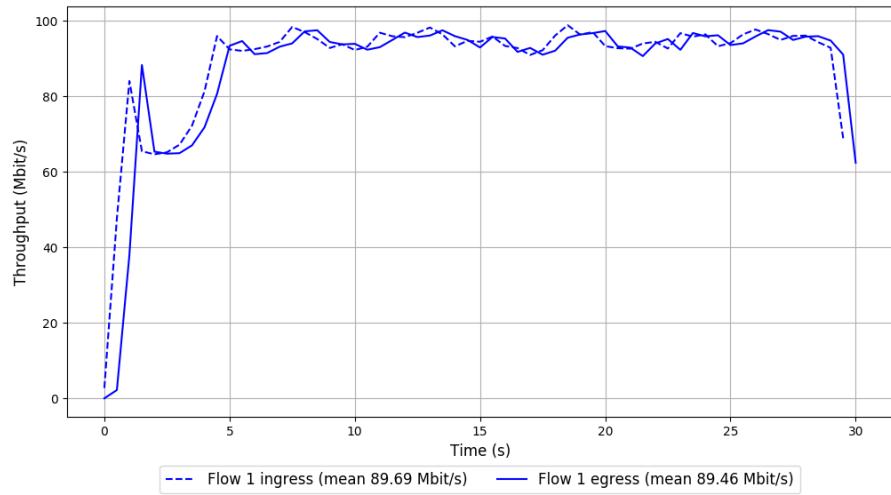


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-07-10 12:20:29
End at: 2018-07-10 12:20:59
Local clock offset: -0.098 ms
Remote clock offset: 2.698 ms

# Below is generated by plot.py at 2018-07-10 16:34:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.46 Mbit/s
95th percentile per-packet one-way delay: 42.570 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 89.46 Mbit/s
95th percentile per-packet one-way delay: 42.570 ms
Loss rate: 0.49%
```

Run 1: Report of PCC-Allegro — Data Link

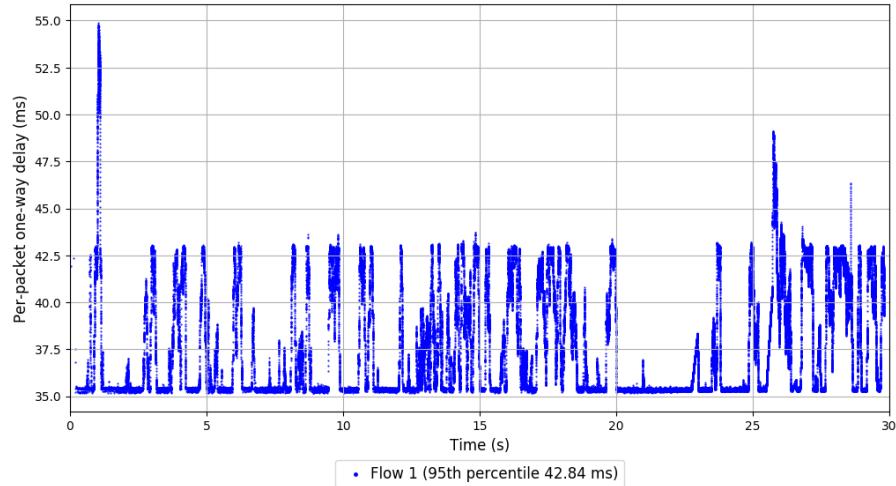
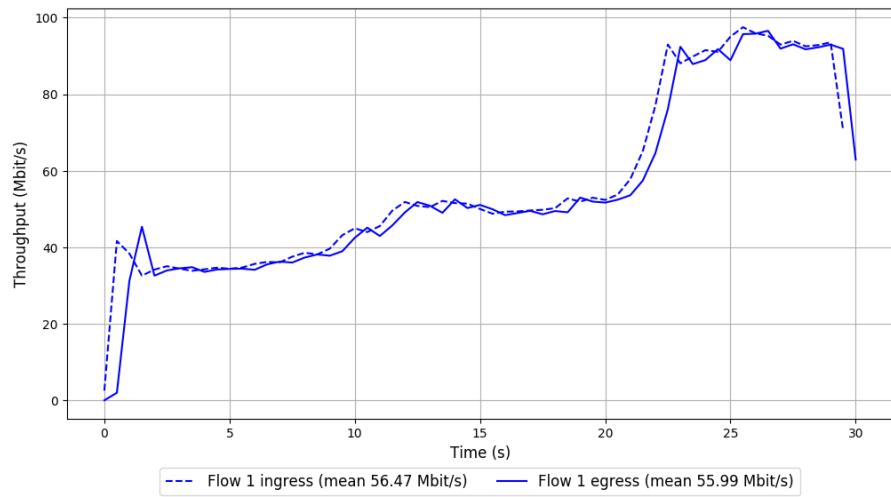


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-07-10 12:43:59
End at: 2018-07-10 12:44:29
Local clock offset: -0.048 ms
Remote clock offset: 0.429 ms

# Below is generated by plot.py at 2018-07-10 16:34:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 42.835 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 42.835 ms
Loss rate: 1.09%
```

Run 2: Report of PCC-Allegro — Data Link

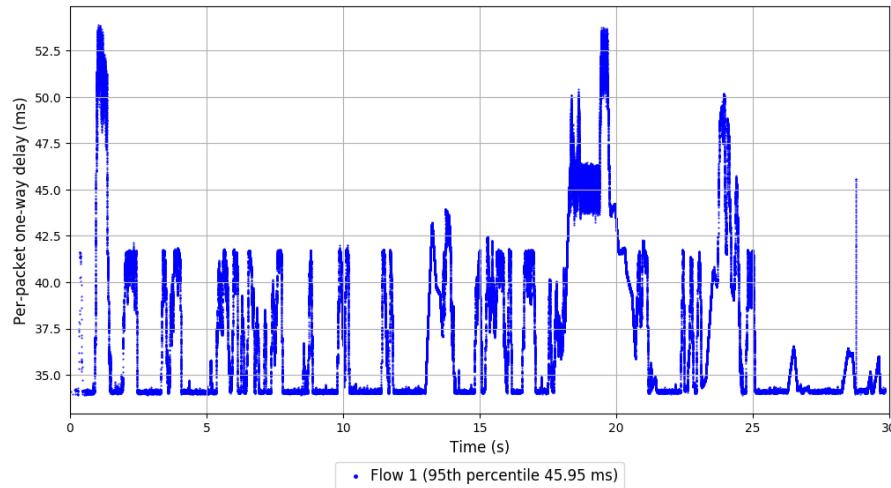
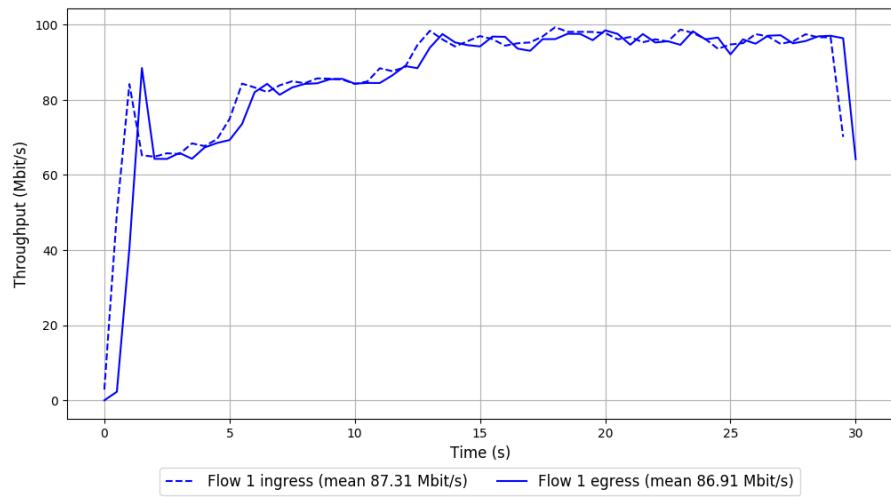


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-07-10 13:08:09
End at: 2018-07-10 13:08:39
Local clock offset: -0.035 ms
Remote clock offset: 0.37 ms

# Below is generated by plot.py at 2018-07-10 16:34:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 45.945 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 45.945 ms
Loss rate: 0.69%
```

Run 3: Report of PCC-Allegro — Data Link

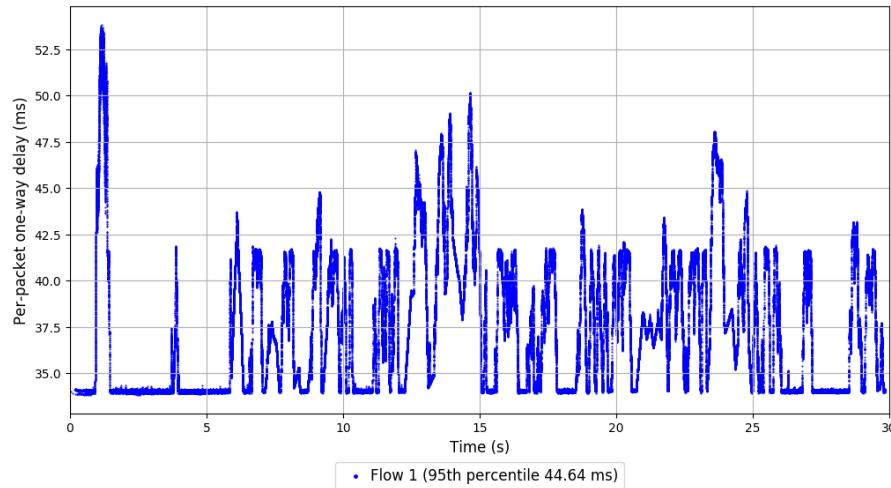
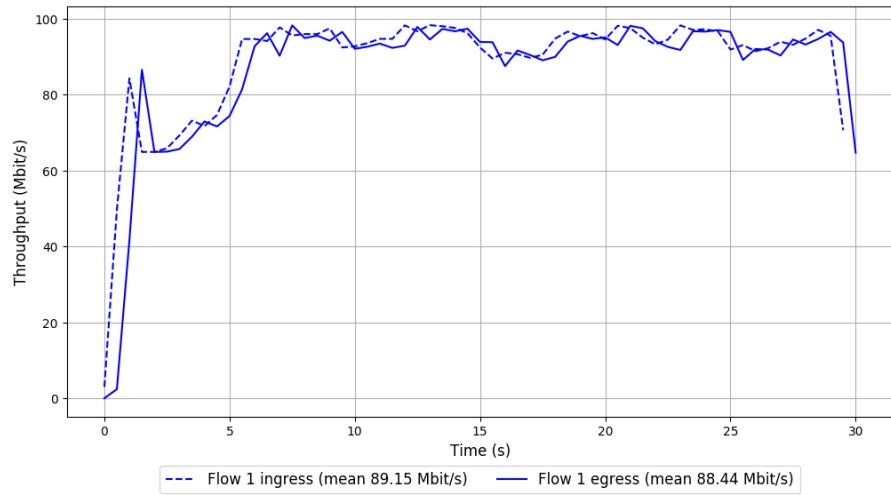


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-07-10 13:32:29
End at: 2018-07-10 13:32:59
Local clock offset: -0.056 ms
Remote clock offset: 0.45 ms

# Below is generated by plot.py at 2018-07-10 16:34:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.44 Mbit/s
95th percentile per-packet one-way delay: 44.641 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 88.44 Mbit/s
95th percentile per-packet one-way delay: 44.641 ms
Loss rate: 1.02%
```

Run 4: Report of PCC-Allegro — Data Link

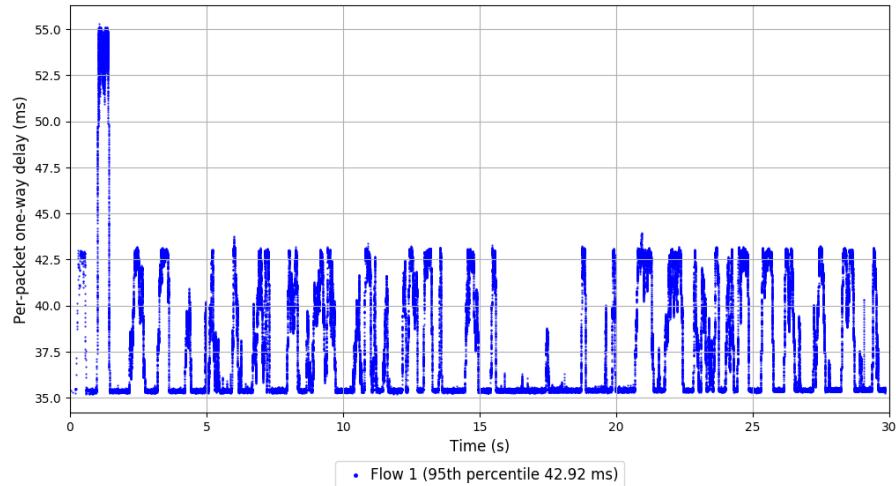
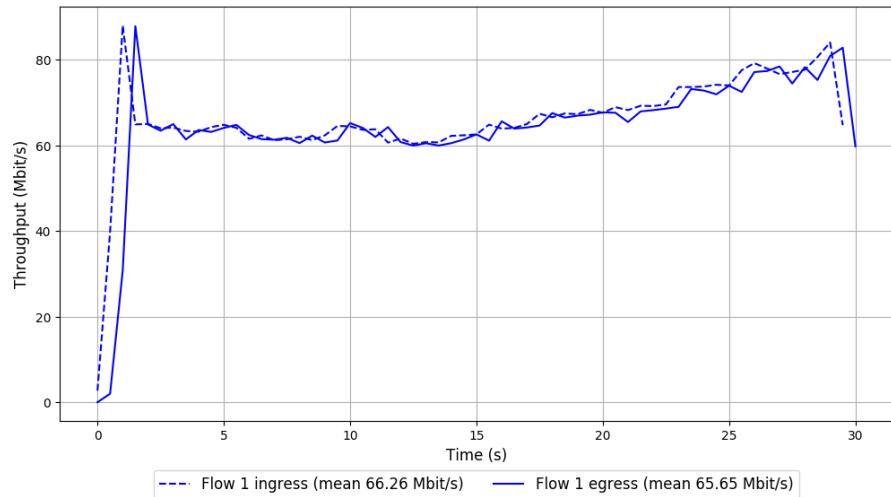


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-07-10 13:56:13
End at: 2018-07-10 13:56:43
Local clock offset: -0.393 ms
Remote clock offset: 3.976 ms

# Below is generated by plot.py at 2018-07-10 16:34:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.65 Mbit/s
95th percentile per-packet one-way delay: 42.923 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 65.65 Mbit/s
95th percentile per-packet one-way delay: 42.923 ms
Loss rate: 1.16%
```

Run 5: Report of PCC-Allegro — Data Link

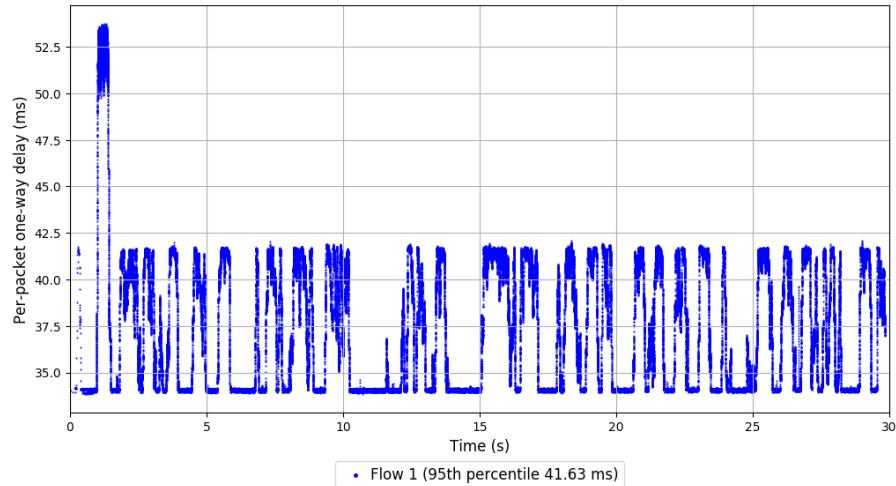
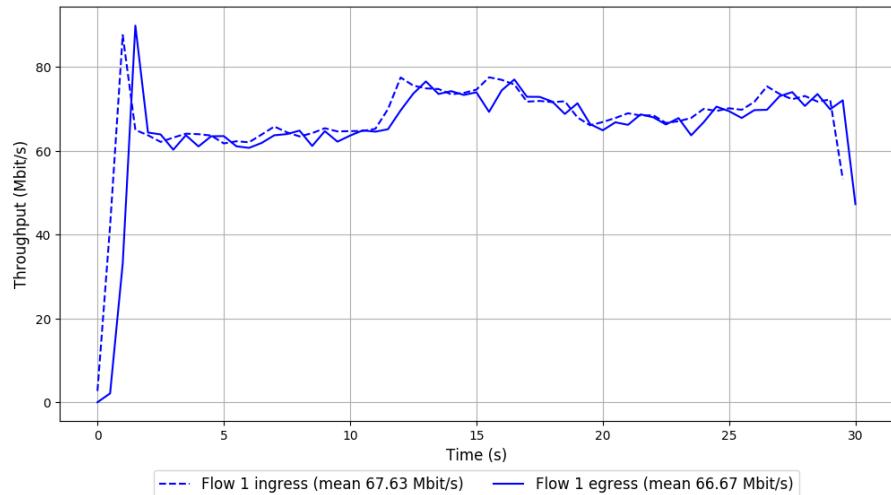


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-07-10 14:22:22
End at: 2018-07-10 14:22:52
Local clock offset: -0.463 ms
Remote clock offset: 6.006 ms

# Below is generated by plot.py at 2018-07-10 16:34:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.67 Mbit/s
95th percentile per-packet one-way delay: 41.631 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 66.67 Mbit/s
95th percentile per-packet one-way delay: 41.631 ms
Loss rate: 1.65%
```

Run 6: Report of PCC-Allegro — Data Link

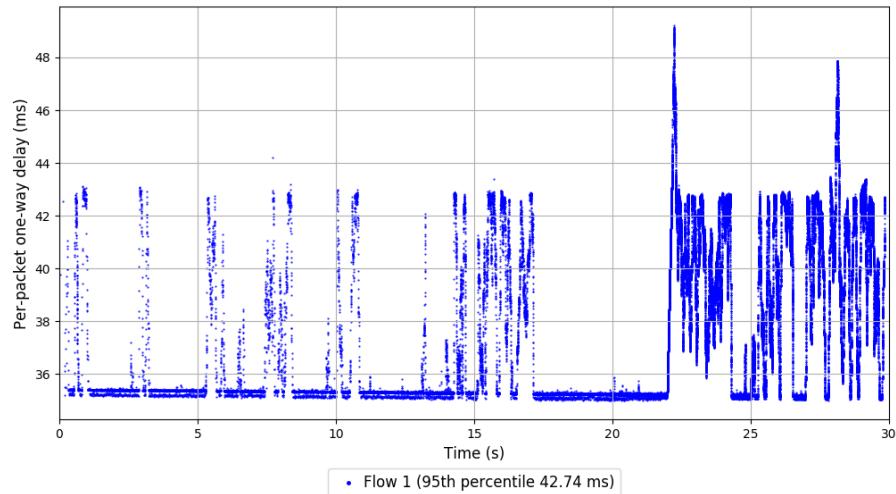
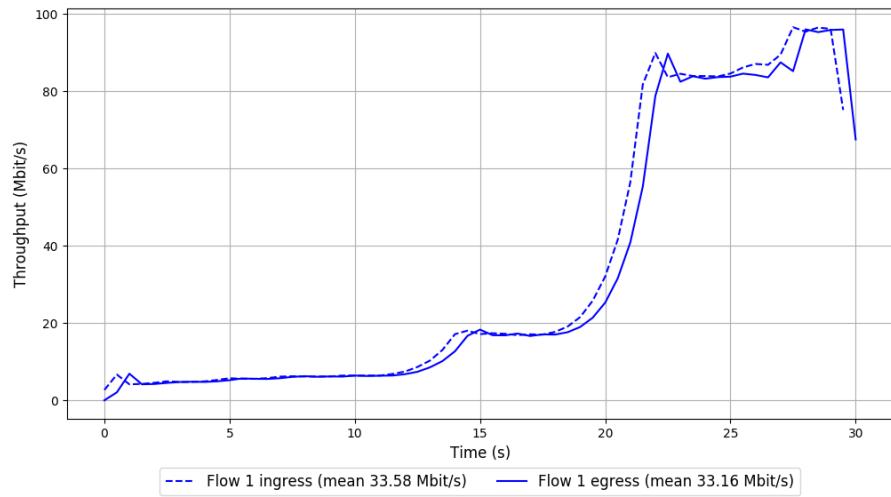


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-07-10 14:48:10
End at: 2018-07-10 14:48:40
Local clock offset: -0.462 ms
Remote clock offset: 3.505 ms

# Below is generated by plot.py at 2018-07-10 16:34:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 42.741 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 42.741 ms
Loss rate: 1.50%
```

Run 7: Report of PCC-Allegro — Data Link

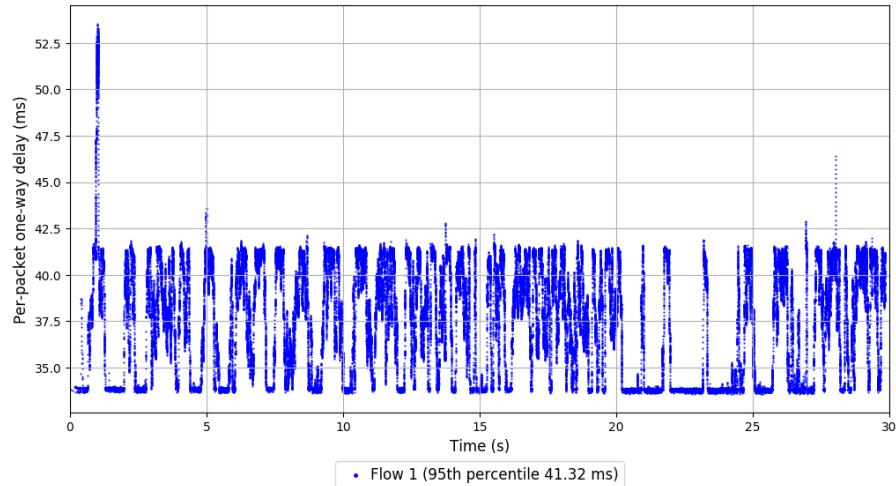
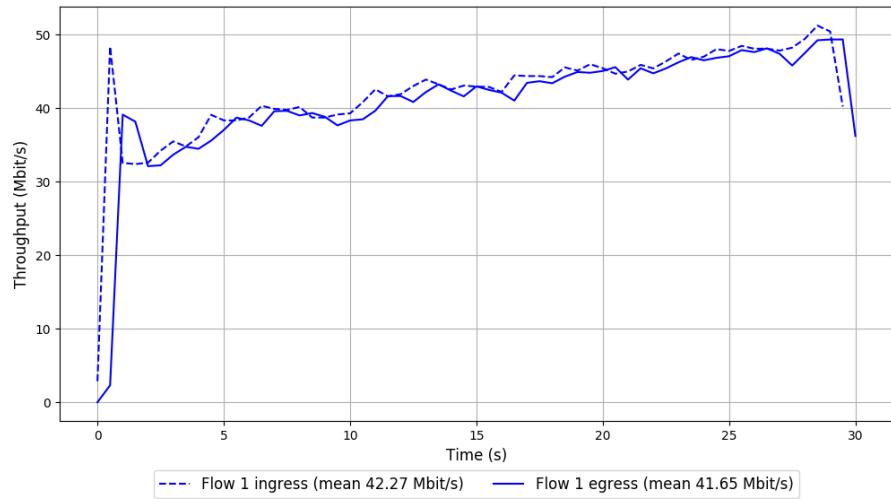


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-07-10 15:14:17
End at: 2018-07-10 15:14:47
Local clock offset: -0.485 ms
Remote clock offset: -2.682 ms

# Below is generated by plot.py at 2018-07-10 16:34:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.65 Mbit/s
95th percentile per-packet one-way delay: 41.323 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 41.65 Mbit/s
95th percentile per-packet one-way delay: 41.323 ms
Loss rate: 1.69%
```

Run 8: Report of PCC-Allegro — Data Link

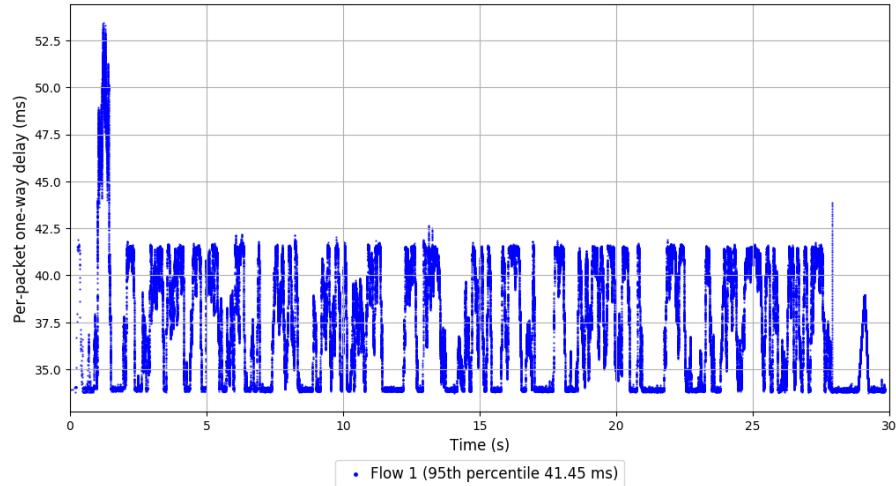
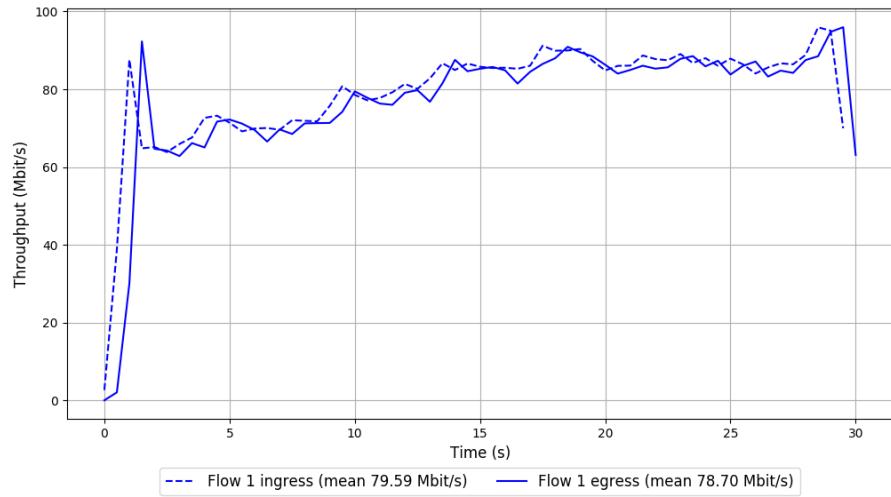


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-07-10 15:40:12
End at: 2018-07-10 15:40:42
Local clock offset: -0.17 ms
Remote clock offset: -5.708 ms

# Below is generated by plot.py at 2018-07-10 16:34:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.70 Mbit/s
95th percentile per-packet one-way delay: 41.449 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 78.70 Mbit/s
95th percentile per-packet one-way delay: 41.449 ms
Loss rate: 1.35%
```

Run 9: Report of PCC-Allegro — Data Link

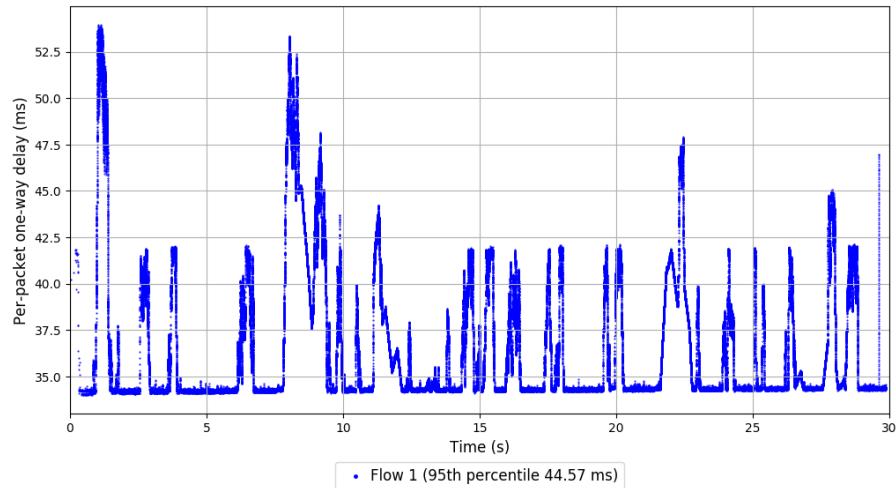
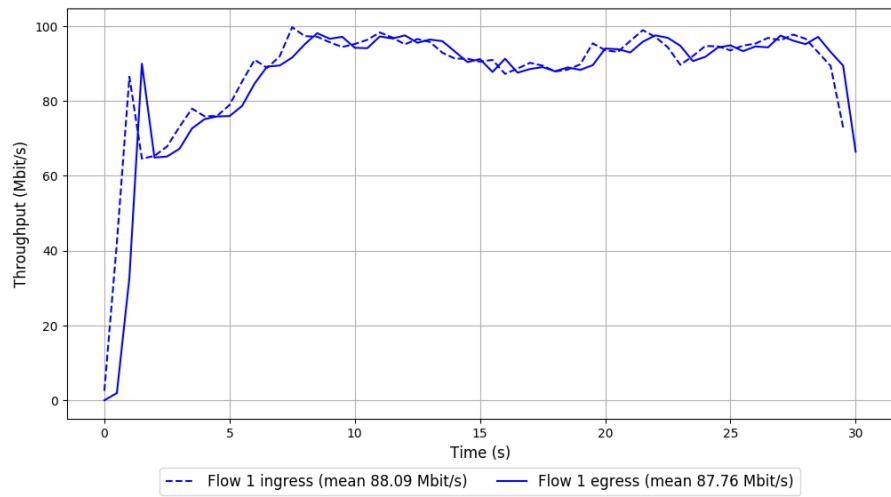


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-07-10 16:04:09
End at: 2018-07-10 16:04:39
Local clock offset: 0.236 ms
Remote clock offset: 1.435 ms

# Below is generated by plot.py at 2018-07-10 16:35:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.76 Mbit/s
95th percentile per-packet one-way delay: 44.574 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 87.76 Mbit/s
95th percentile per-packet one-way delay: 44.574 ms
Loss rate: 0.62%
```

Run 10: Report of PCC-Allegro — Data Link

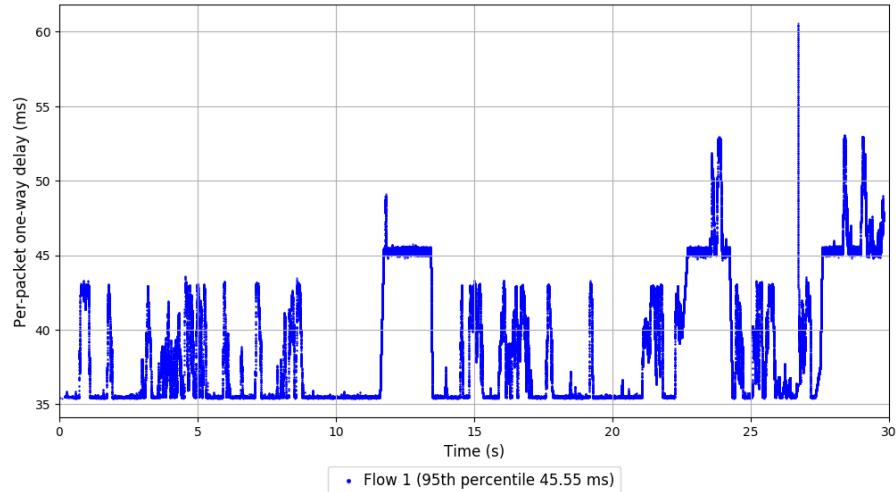
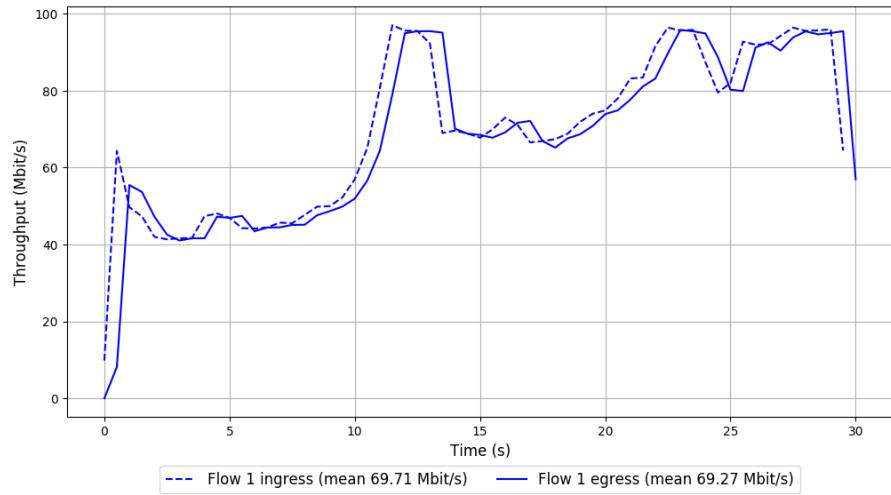


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2018-07-10 12:23:03
End at: 2018-07-10 12:23:33
Local clock offset: -0.025 ms
Remote clock offset: 2.838 ms

# Below is generated by plot.py at 2018-07-10 16:35:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.27 Mbit/s
95th percentile per-packet one-way delay: 45.551 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 69.27 Mbit/s
95th percentile per-packet one-way delay: 45.551 ms
Loss rate: 0.86%
```

Run 1: Report of PCC-Expr — Data Link

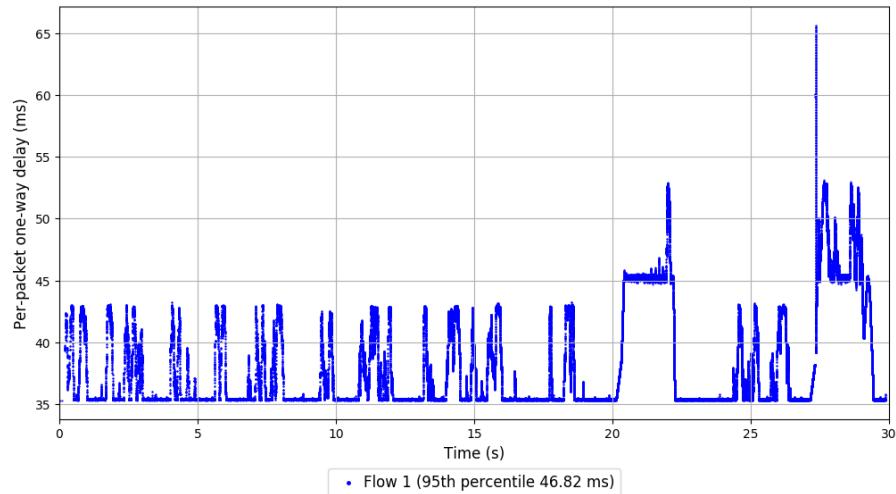
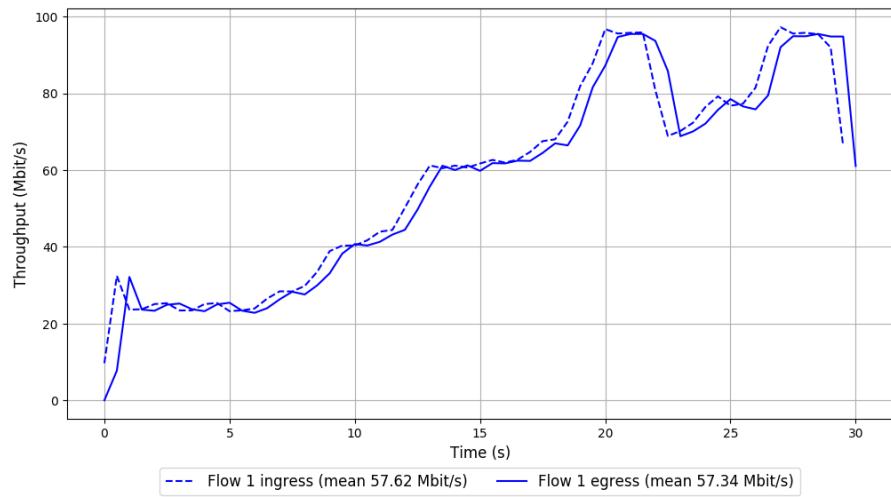


Run 2: Statistics of PCC-Expr

```
Start at: 2018-07-10 12:46:36
End at: 2018-07-10 12:47:06
Local clock offset: -0.083 ms
Remote clock offset: 0.28 ms

# Below is generated by plot.py at 2018-07-10 16:35:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.34 Mbit/s
95th percentile per-packet one-way delay: 46.824 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 57.34 Mbit/s
95th percentile per-packet one-way delay: 46.824 ms
Loss rate: 0.72%
```

Run 2: Report of PCC-Expr — Data Link

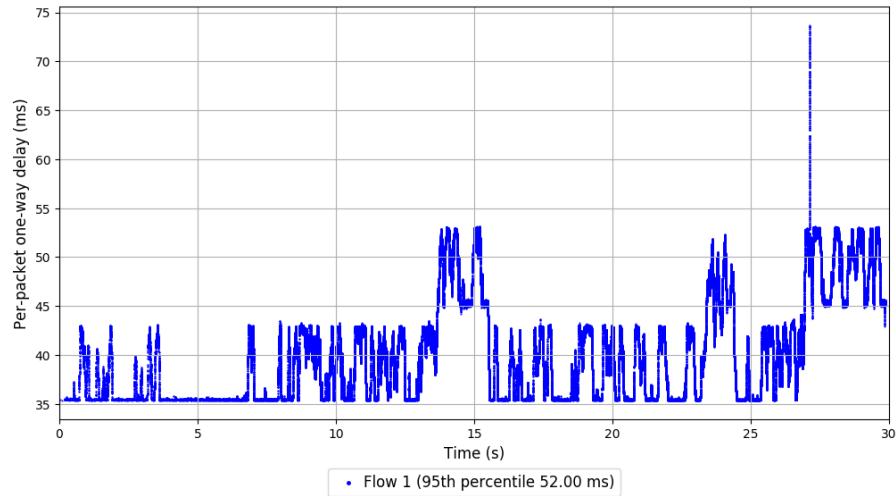
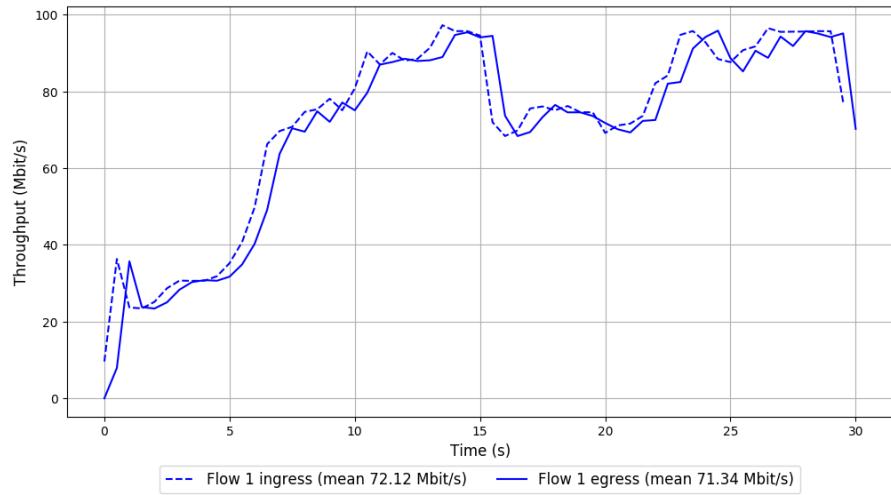


Run 3: Statistics of PCC-Expr

```
Start at: 2018-07-10 13:10:50
End at: 2018-07-10 13:11:20
Local clock offset: -0.144 ms
Remote clock offset: 0.426 ms

# Below is generated by plot.py at 2018-07-10 16:36:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.34 Mbit/s
95th percentile per-packet one-way delay: 51.997 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 71.34 Mbit/s
95th percentile per-packet one-way delay: 51.997 ms
Loss rate: 1.32%
```

Run 3: Report of PCC-Expr — Data Link

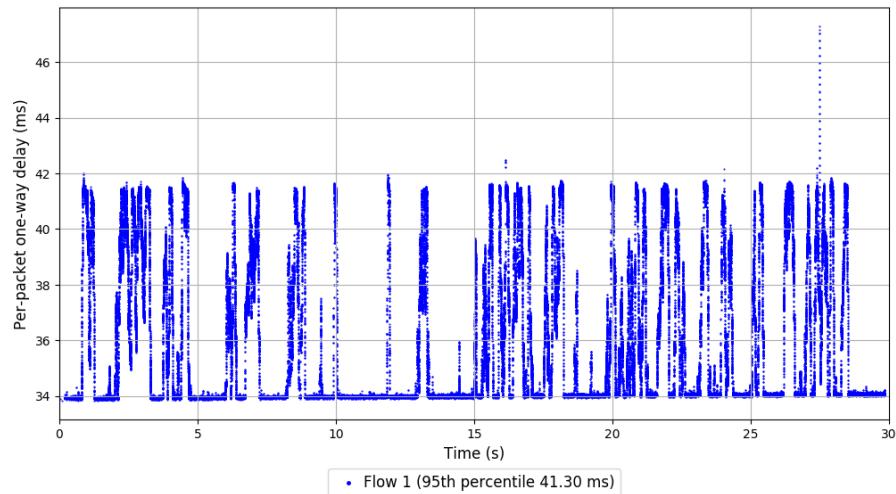
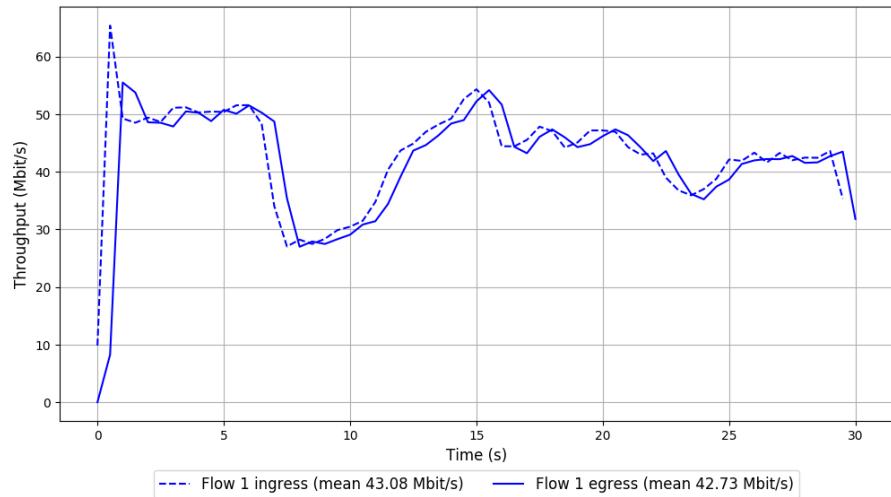


Run 4: Statistics of PCC-Expr

```
Start at: 2018-07-10 13:35:16
End at: 2018-07-10 13:35:46
Local clock offset: -0.158 ms
Remote clock offset: 0.528 ms

# Below is generated by plot.py at 2018-07-10 16:36:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.73 Mbit/s
95th percentile per-packet one-way delay: 41.297 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 42.73 Mbit/s
95th percentile per-packet one-way delay: 41.297 ms
Loss rate: 1.05%
```

### Run 4: Report of PCC-Expr — Data Link

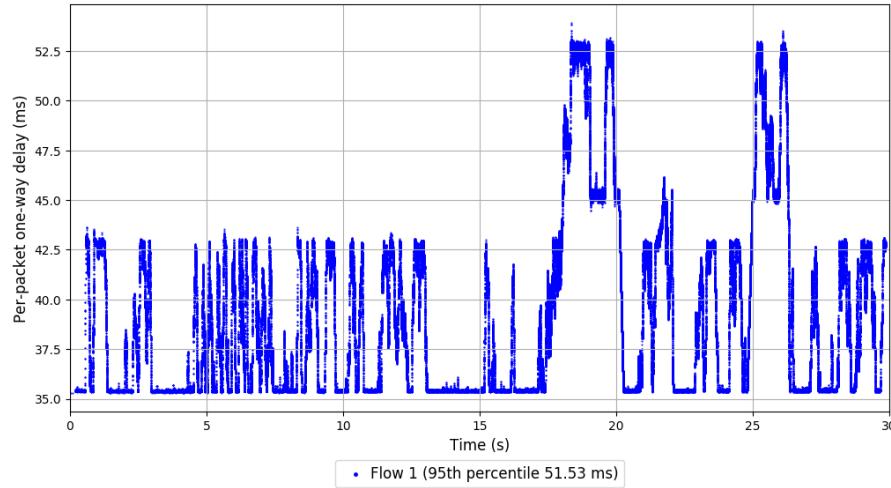
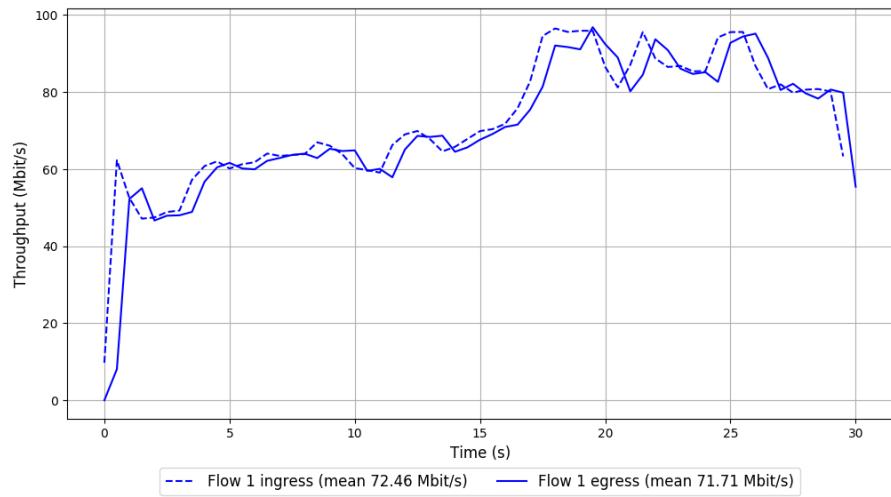


Run 5: Statistics of PCC-Expr

```
Start at: 2018-07-10 13:59:01
End at: 2018-07-10 13:59:31
Local clock offset: -0.497 ms
Remote clock offset: 4.236 ms

# Below is generated by plot.py at 2018-07-10 16:36:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.71 Mbit/s
95th percentile per-packet one-way delay: 51.532 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 71.71 Mbit/s
95th percentile per-packet one-way delay: 51.532 ms
Loss rate: 1.27%
```

Run 5: Report of PCC-Expr — Data Link

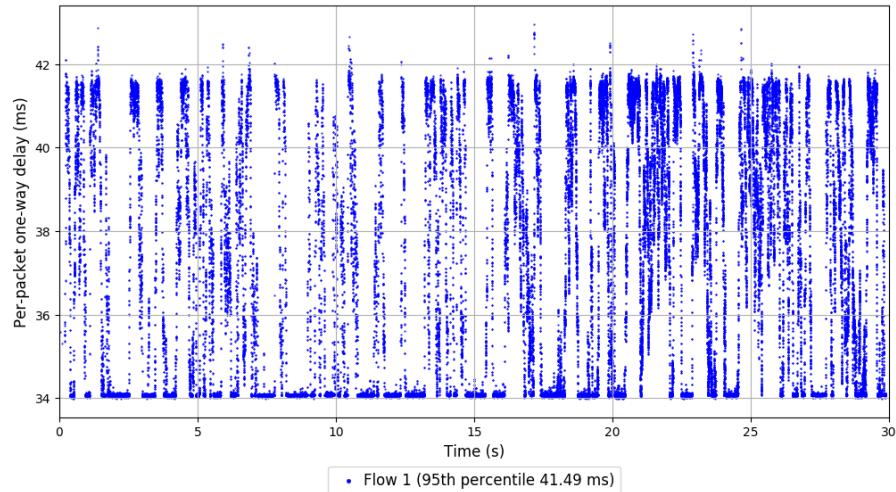
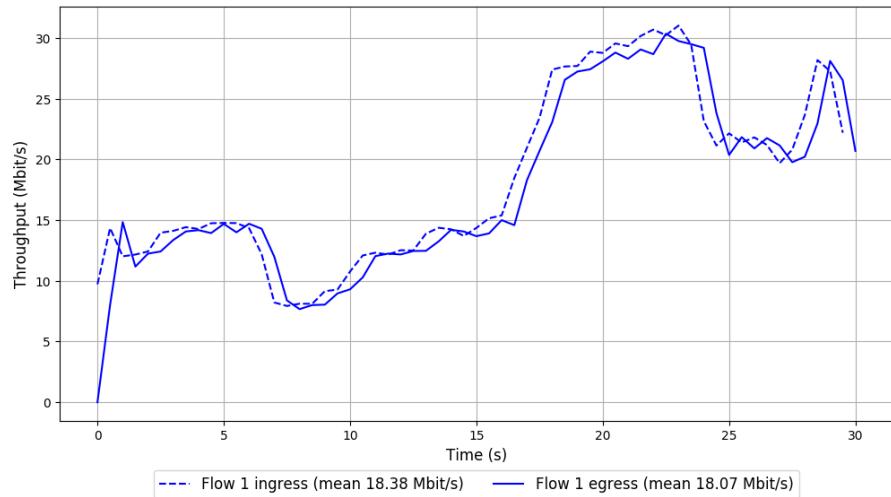


Run 6: Statistics of PCC-Expr

```
Start at: 2018-07-10 14:25:20
End at: 2018-07-10 14:25:50
Local clock offset: -0.484 ms
Remote clock offset: 6.155 ms

# Below is generated by plot.py at 2018-07-10 16:36:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.07 Mbit/s
95th percentile per-packet one-way delay: 41.494 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 18.07 Mbit/s
95th percentile per-packet one-way delay: 41.494 ms
Loss rate: 1.93%
```

Run 6: Report of PCC-Expr — Data Link

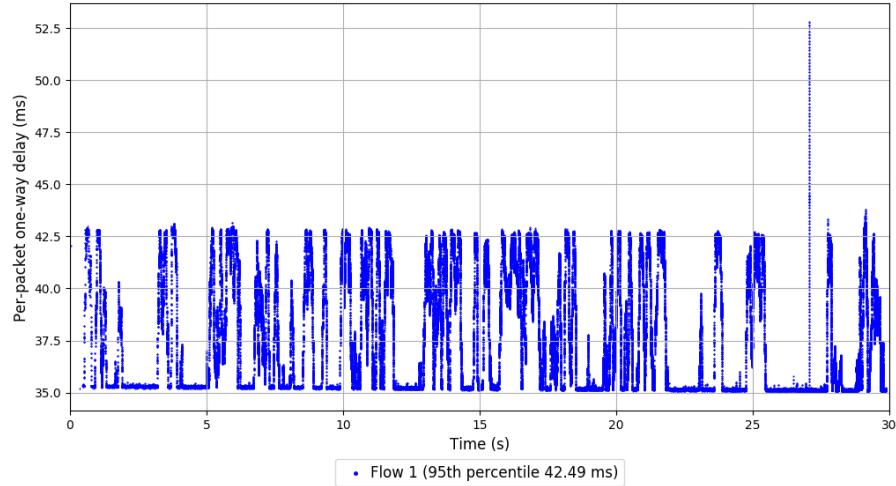
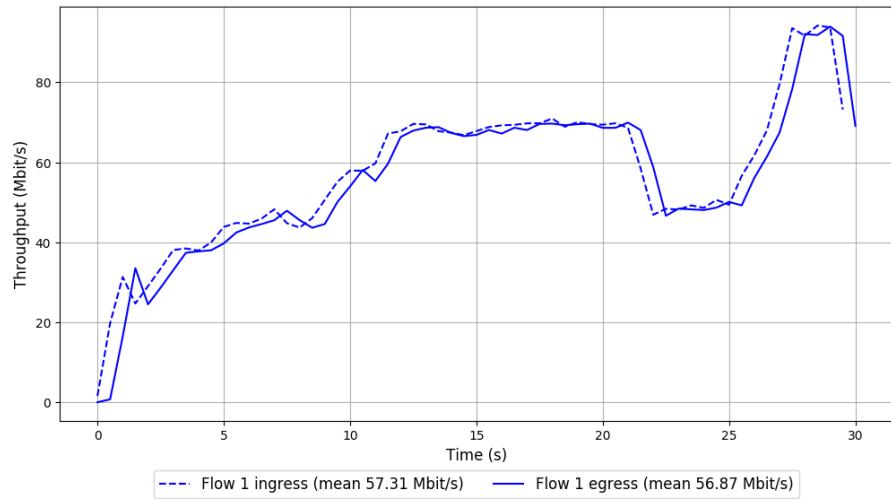


Run 7: Statistics of PCC-Expr

```
Start at: 2018-07-10 14:50:50
End at: 2018-07-10 14:51:20
Local clock offset: -0.55 ms
Remote clock offset: 2.251 ms

# Below is generated by plot.py at 2018-07-10 16:36:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.87 Mbit/s
95th percentile per-packet one-way delay: 42.495 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 56.87 Mbit/s
95th percentile per-packet one-way delay: 42.495 ms
Loss rate: 1.03%
```

Run 7: Report of PCC-Expr — Data Link

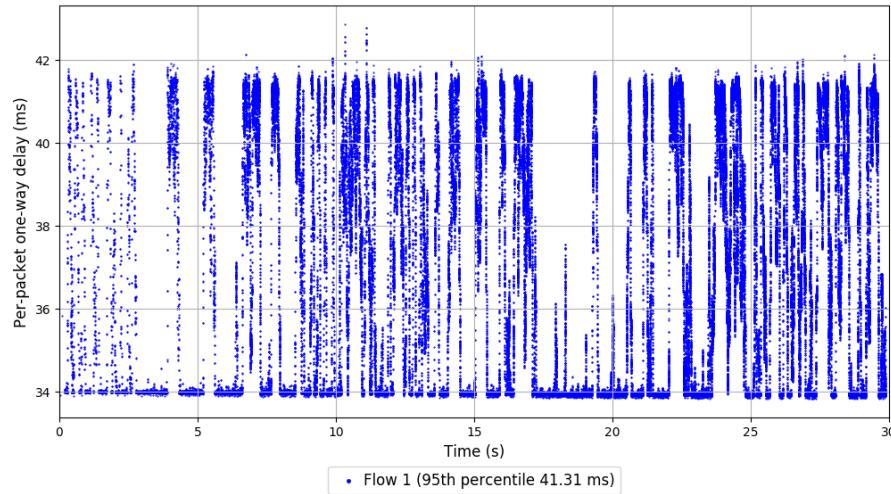
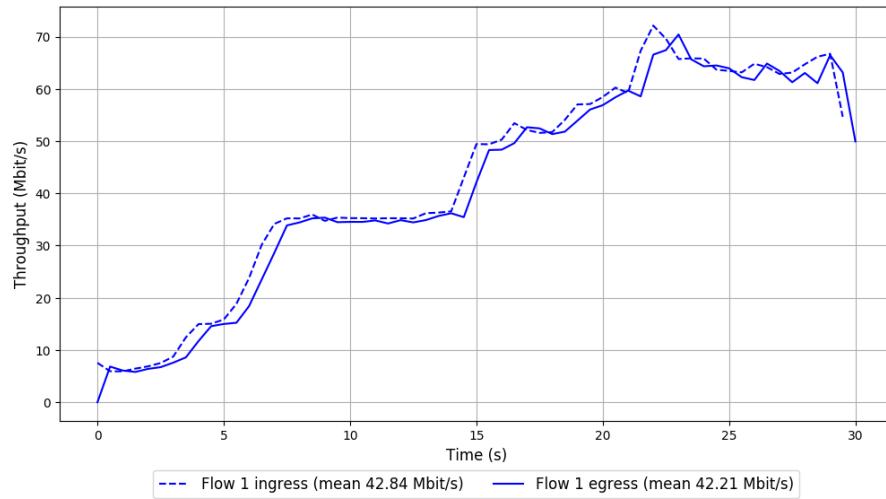


Run 8: Statistics of PCC-Expr

```
Start at: 2018-07-10 15:17:07
End at: 2018-07-10 15:17:37
Local clock offset: -0.459 ms
Remote clock offset: -3.097 ms

# Below is generated by plot.py at 2018-07-10 16:36:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.21 Mbit/s
95th percentile per-packet one-way delay: 41.307 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 42.21 Mbit/s
95th percentile per-packet one-way delay: 41.307 ms
Loss rate: 1.72%
```

Run 8: Report of PCC-Expr — Data Link

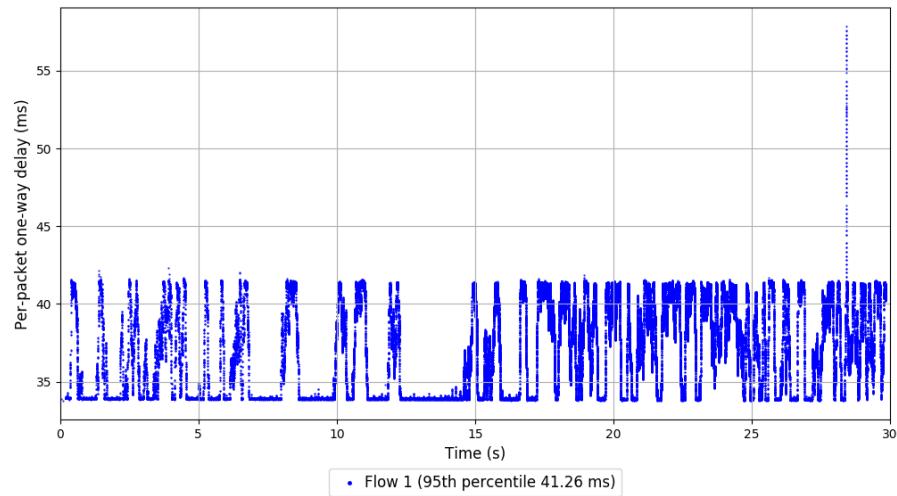
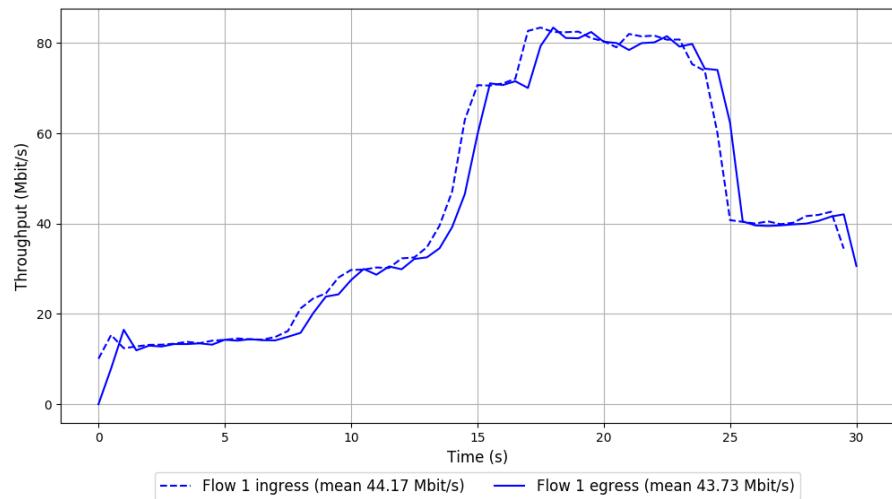


Run 9: Statistics of PCC-Expr

```
Start at: 2018-07-10 15:43:05
End at: 2018-07-10 15:43:35
Local clock offset: -0.223 ms
Remote clock offset: -6.082 ms

# Below is generated by plot.py at 2018-07-10 16:36:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.73 Mbit/s
95th percentile per-packet one-way delay: 41.256 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 43.73 Mbit/s
95th percentile per-packet one-way delay: 41.256 ms
Loss rate: 1.21%
```

Run 9: Report of PCC-Expr — Data Link

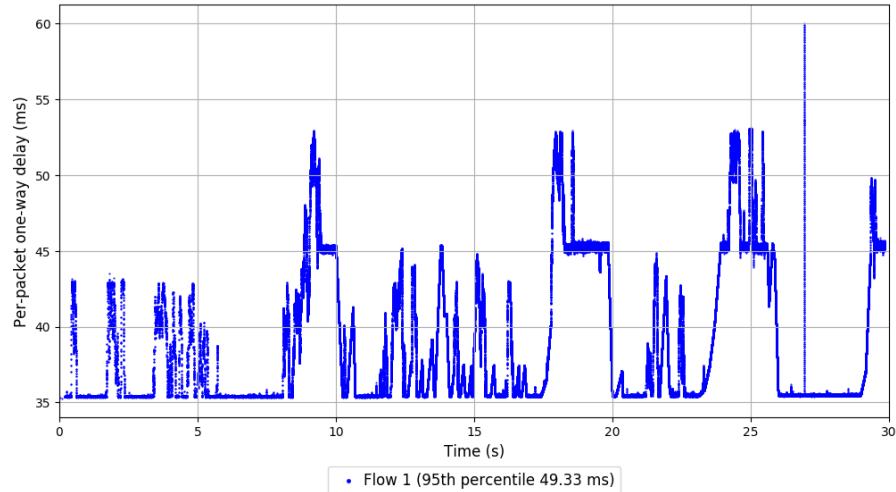
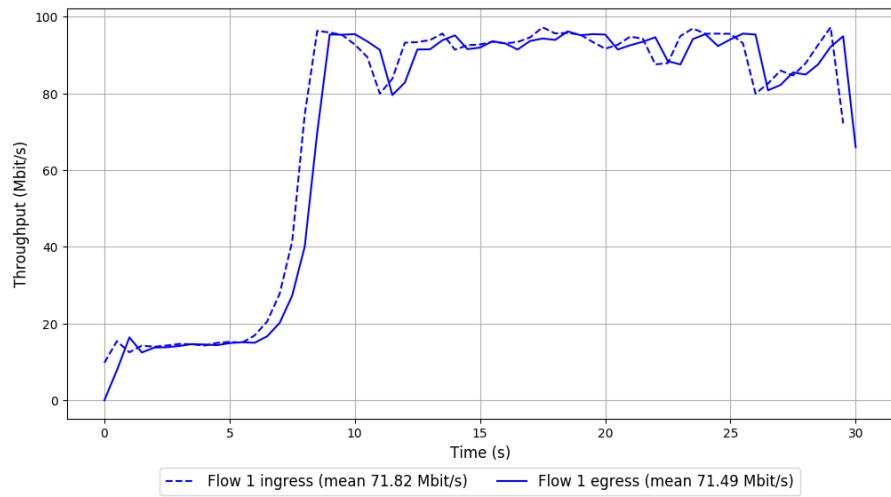


Run 10: Statistics of PCC-Expr

```
Start at: 2018-07-10 16:06:48
End at: 2018-07-10 16:07:18
Local clock offset: 0.161 ms
Remote clock offset: 2.297 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.49 Mbit/s
95th percentile per-packet one-way delay: 49.331 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 71.49 Mbit/s
95th percentile per-packet one-way delay: 49.331 ms
Loss rate: 0.71%
```

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

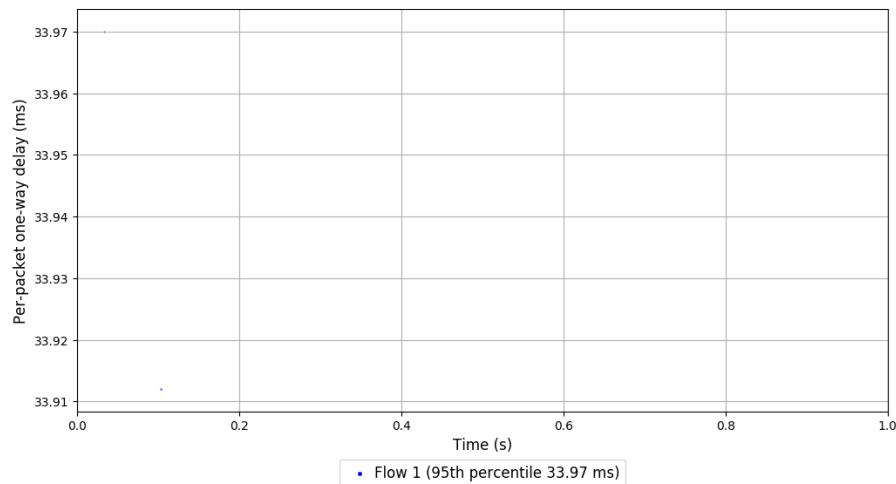
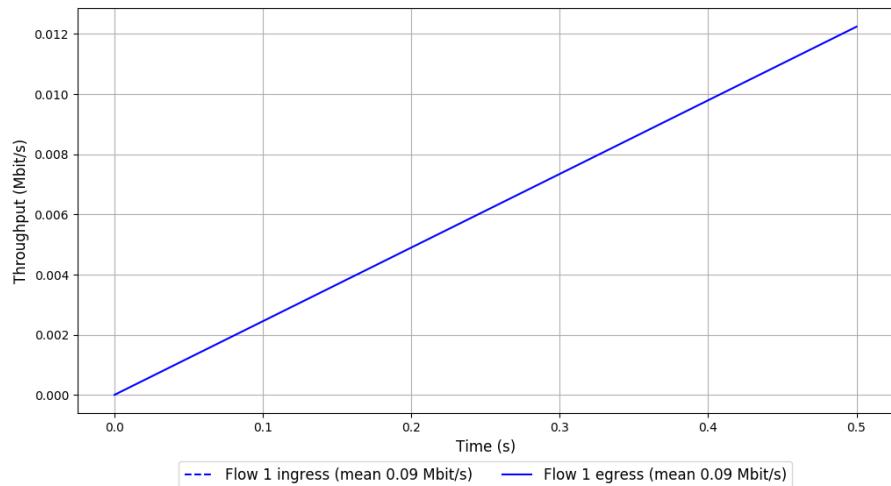
Start at: 2018-07-10 12:31:23

End at: 2018-07-10 12:31:53

Local clock offset: -0.038 ms

Remote clock offset: 1.695 ms

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

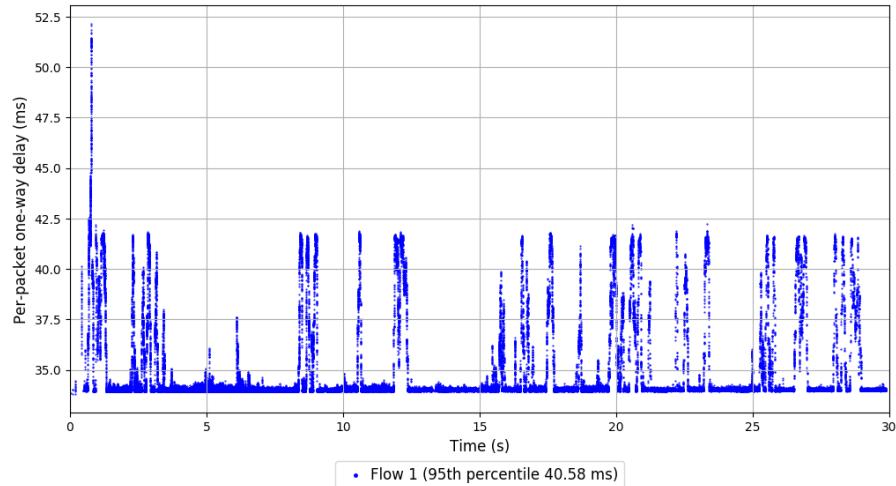
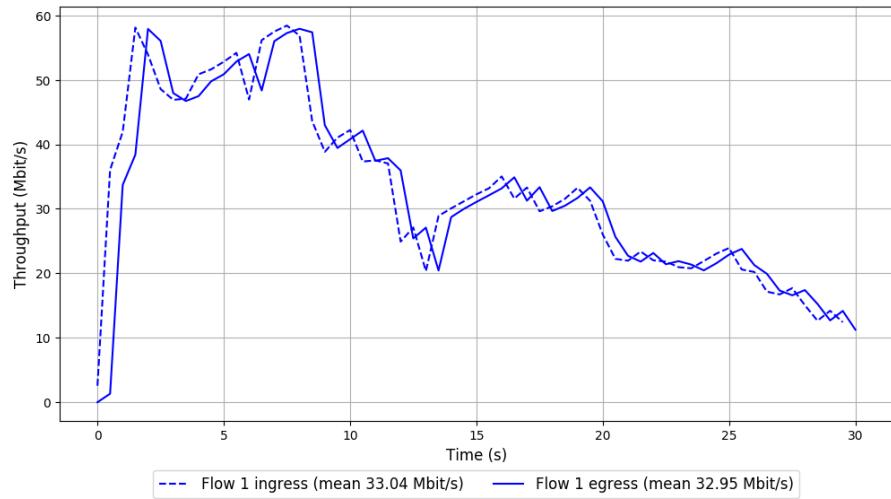


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-07-10 12:55:07
End at: 2018-07-10 12:55:37
Local clock offset: -0.163 ms
Remote clock offset: 0.162 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.95 Mbit/s
95th percentile per-packet one-way delay: 40.580 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 32.95 Mbit/s
95th percentile per-packet one-way delay: 40.580 ms
Loss rate: 0.50%
```

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

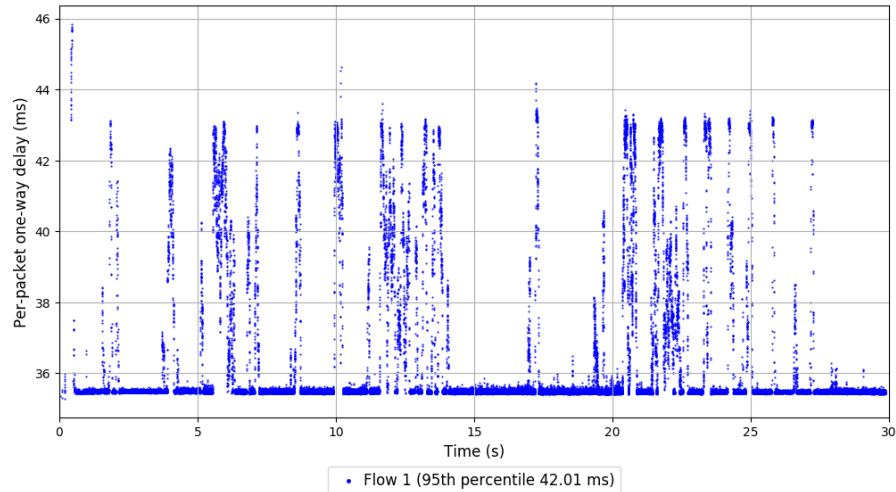
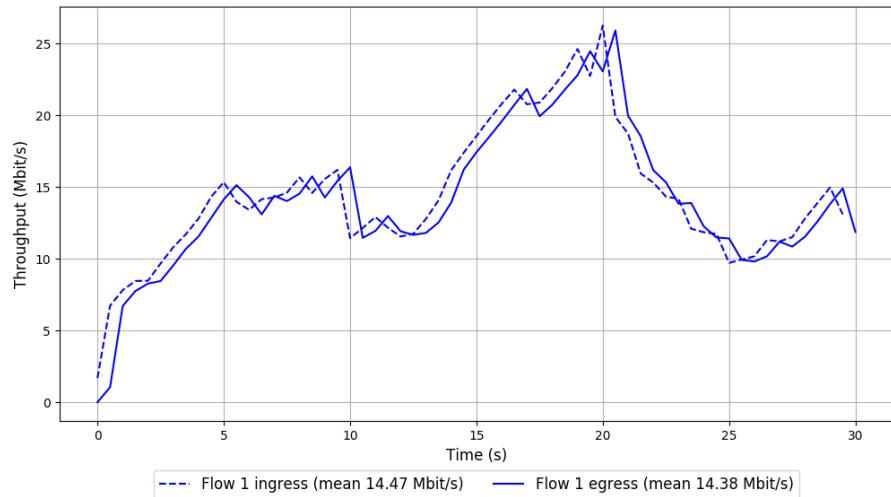


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-07-10 13:19:26
End at: 2018-07-10 13:19:56
Local clock offset: -0.108 ms
Remote clock offset: 0.414 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.38 Mbit/s
95th percentile per-packet one-way delay: 42.011 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 14.38 Mbit/s
95th percentile per-packet one-way delay: 42.011 ms
Loss rate: 0.85%
```

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

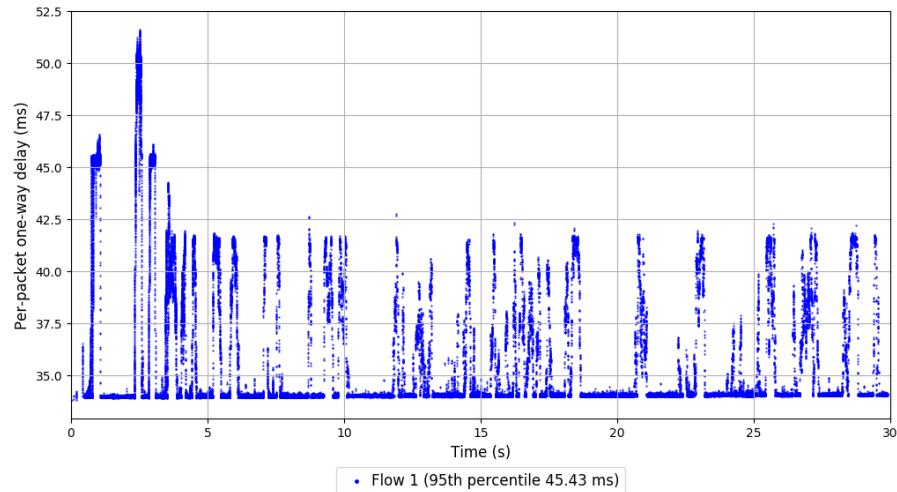
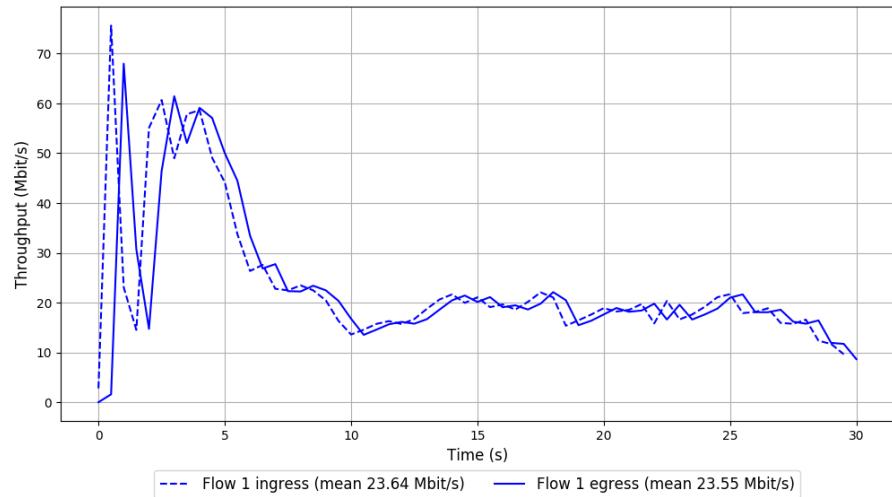


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-07-10 13:43:37
End at: 2018-07-10 13:44:07
Local clock offset: -0.272 ms
Remote clock offset: 2.431 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 45.433 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 45.433 ms
Loss rate: 0.61%
```

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

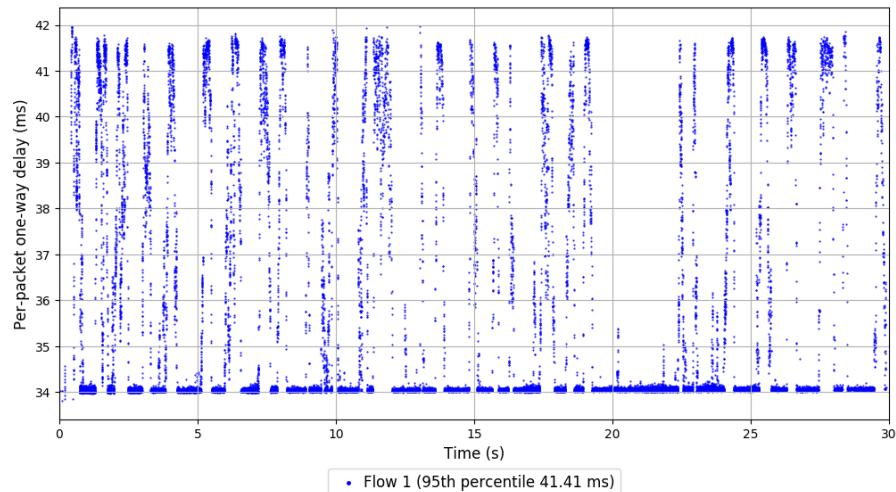
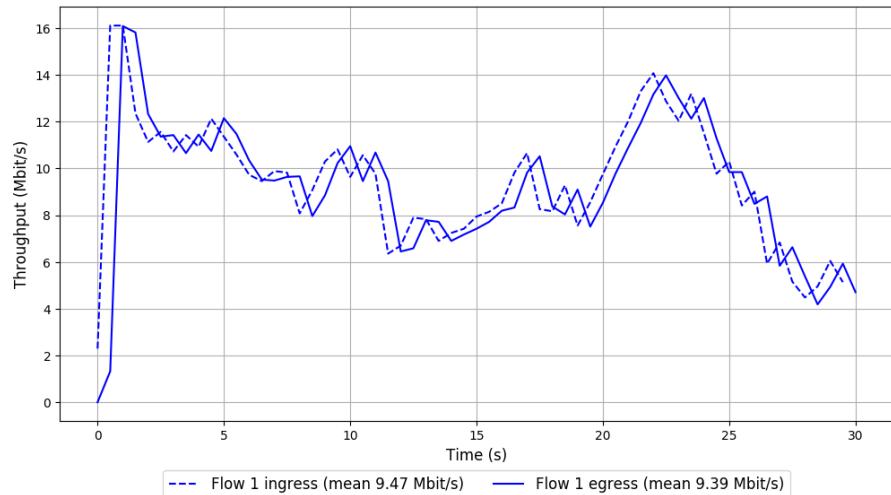


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-07-10 14:08:11
End at: 2018-07-10 14:08:41
Local clock offset: -0.528 ms
Remote clock offset: 5.059 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.39 Mbit/s
95th percentile per-packet one-way delay: 41.412 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 9.39 Mbit/s
95th percentile per-packet one-way delay: 41.412 ms
Loss rate: 1.03%
```

Run 5: Report of QUIC Cubic — Data Link

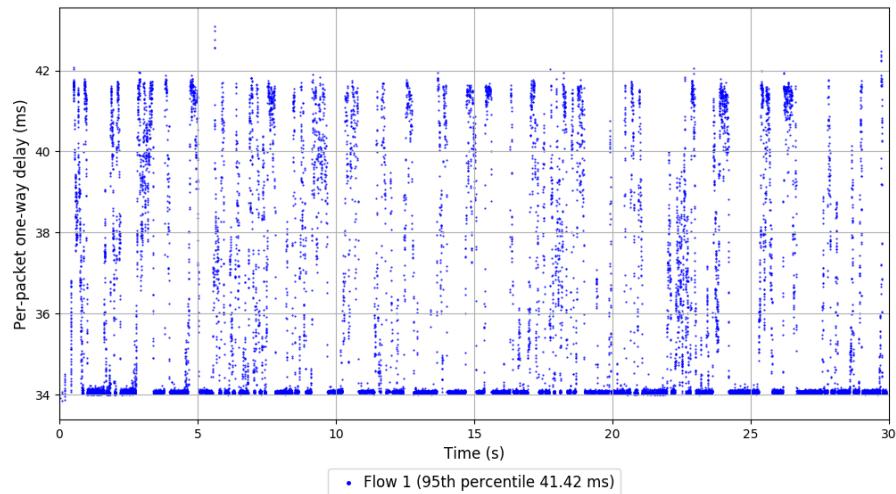
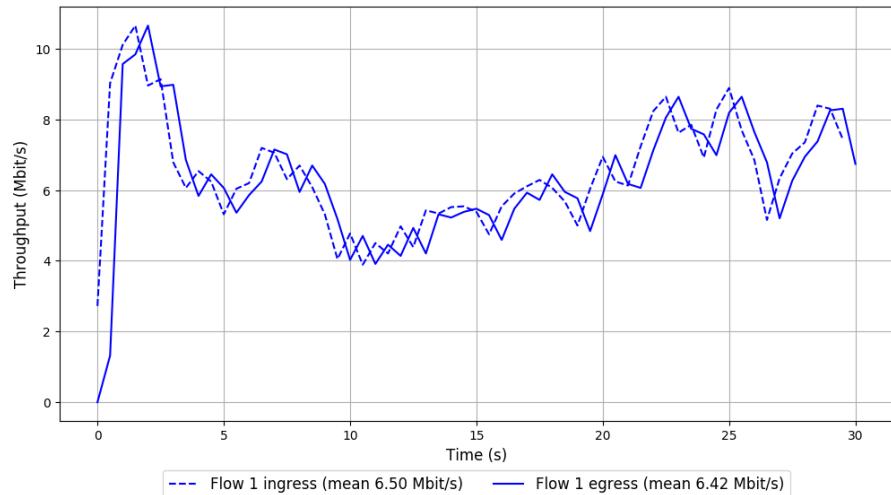


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-07-10 14:34:21
End at: 2018-07-10 14:34:51
Local clock offset: -0.475 ms
Remote clock offset: 6.444 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.42 Mbit/s
95th percentile per-packet one-way delay: 41.423 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 6.42 Mbit/s
95th percentile per-packet one-way delay: 41.423 ms
Loss rate: 1.51%
```

Run 6: Report of QUIC Cubic — Data Link

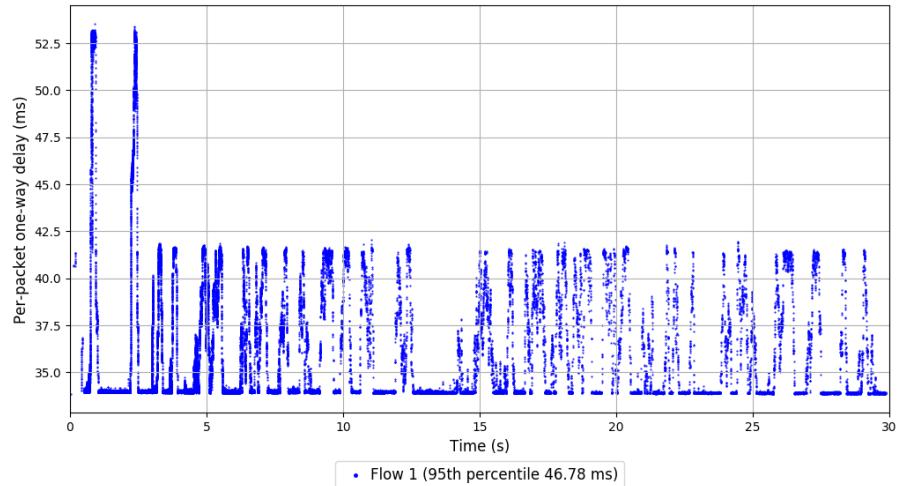
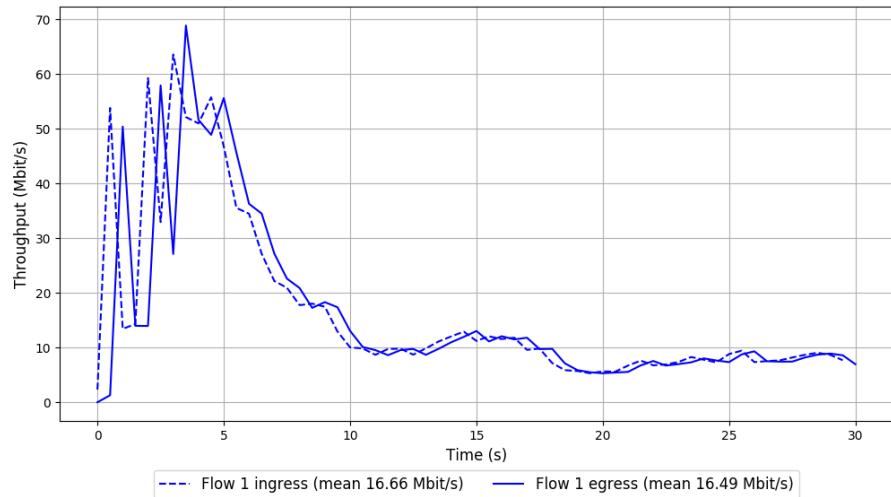


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-07-10 14:59:29
End at: 2018-07-10 14:59:59
Local clock offset: -0.463 ms
Remote clock offset: -0.312 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.49 Mbit/s
95th percentile per-packet one-way delay: 46.777 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 16.49 Mbit/s
95th percentile per-packet one-way delay: 46.777 ms
Loss rate: 1.21%
```

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

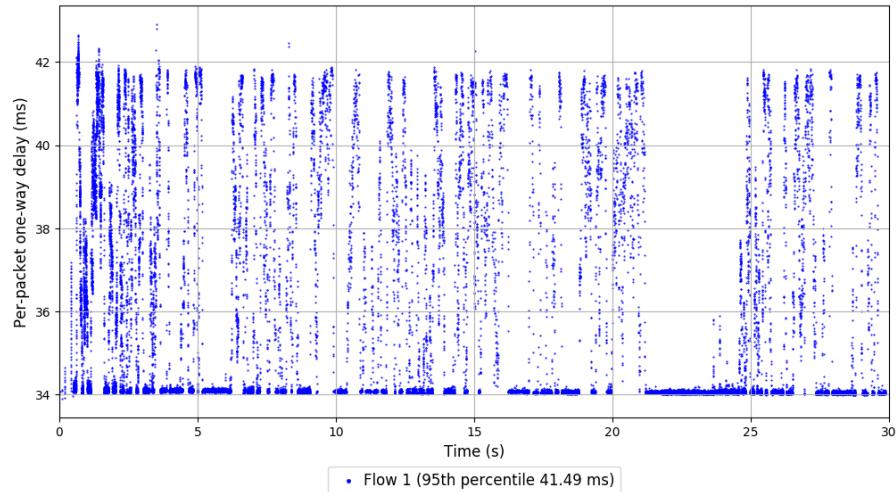
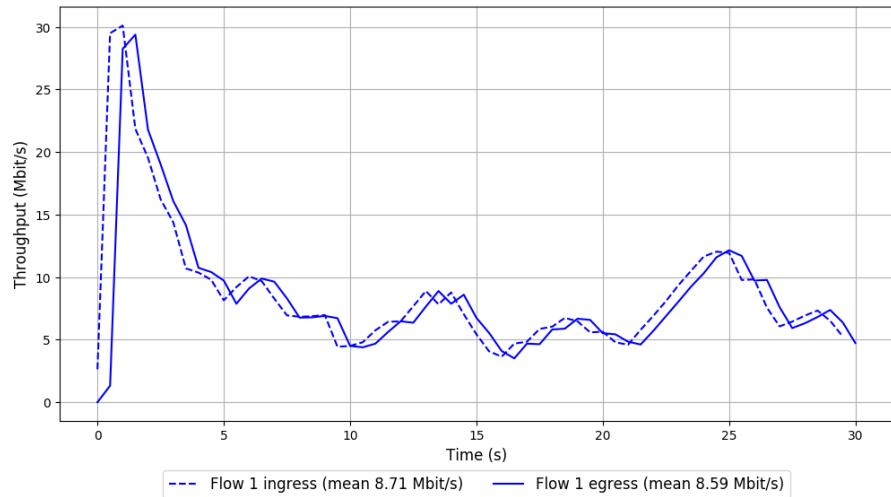


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-07-10 15:26:17
End at: 2018-07-10 15:26:47
Local clock offset: -0.318 ms
Remote clock offset: -4.181 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.59 Mbit/s
95th percentile per-packet one-way delay: 41.488 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 8.59 Mbit/s
95th percentile per-packet one-way delay: 41.488 ms
Loss rate: 1.60%
```

Run 8: Report of QUIC Cubic — Data Link

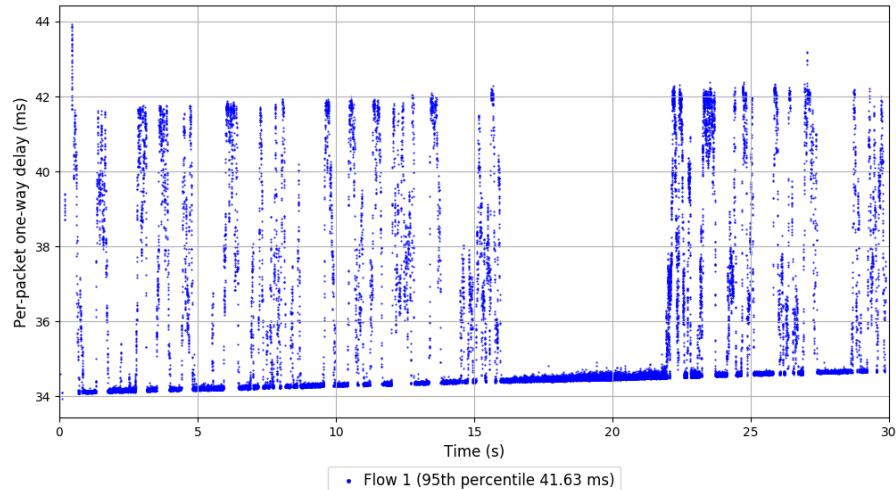
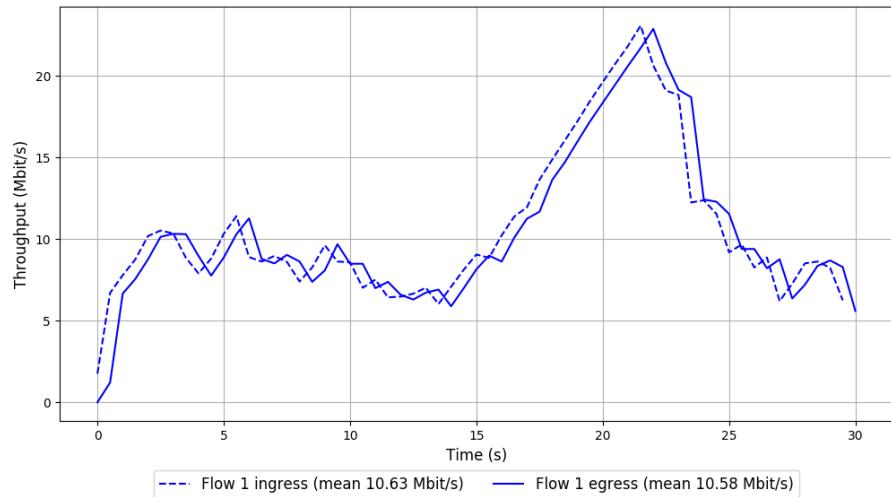


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-07-10 15:51:47
End at: 2018-07-10 15:52:17
Local clock offset: 0.038 ms
Remote clock offset: -7.025 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.58 Mbit/s
95th percentile per-packet one-way delay: 41.631 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 10.58 Mbit/s
95th percentile per-packet one-way delay: 41.631 ms
Loss rate: 0.73%
```

Run 9: Report of QUIC Cubic — Data Link

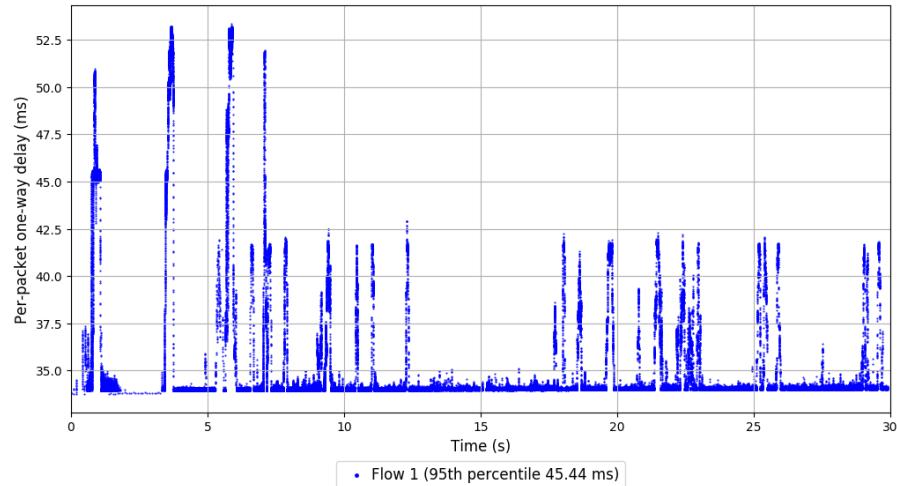
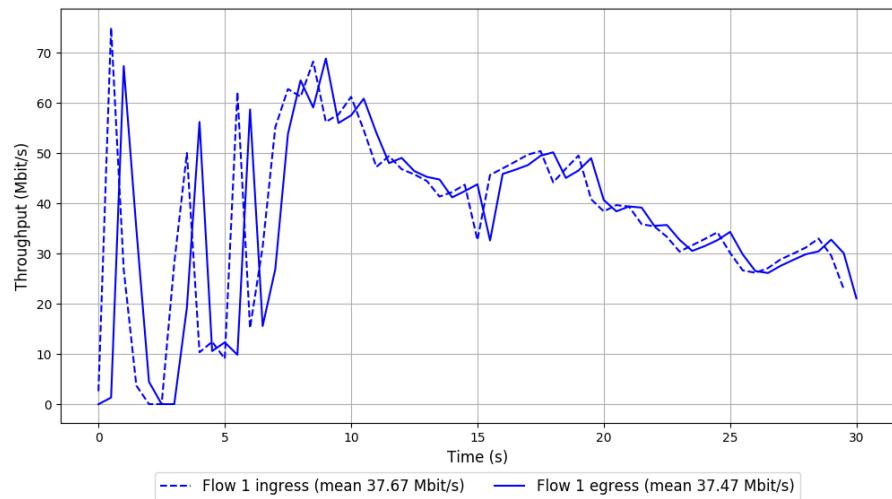


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-07-10 16:15:04
End at: 2018-07-10 16:15:34
Local clock offset: 0.19 ms
Remote clock offset: 4.08 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.47 Mbit/s
95th percentile per-packet one-way delay: 45.435 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 37.47 Mbit/s
95th percentile per-packet one-way delay: 45.435 ms
Loss rate: 0.76%
```

Run 10: Report of QUIC Cubic — Data Link

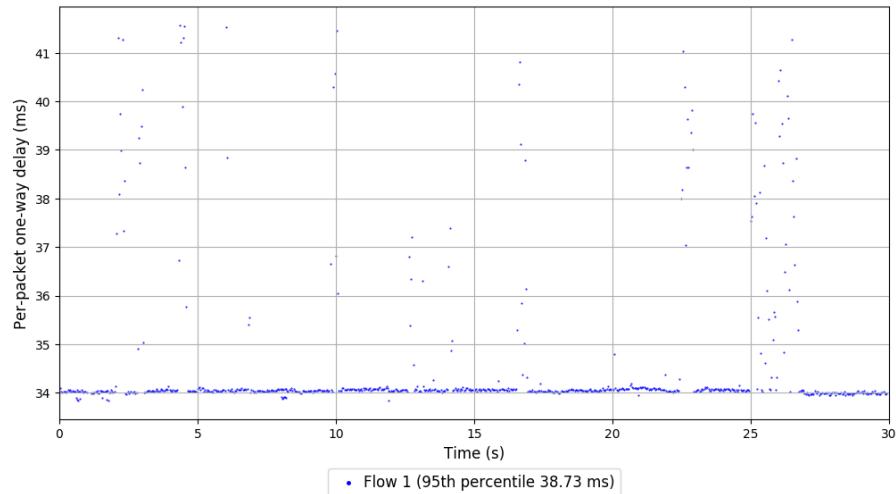
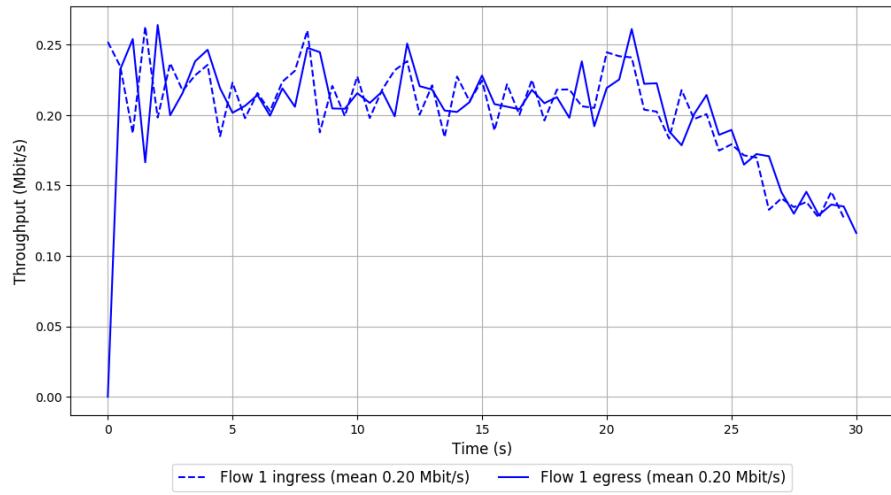


Run 1: Statistics of SCReAM

```
Start at: 2018-07-10 12:24:41
End at: 2018-07-10 12:25:11
Local clock offset: -0.113 ms
Remote clock offset: 2.759 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 38.729 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 38.729 ms
Loss rate: 0.33%
```

Run 1: Report of SCReAM — Data Link

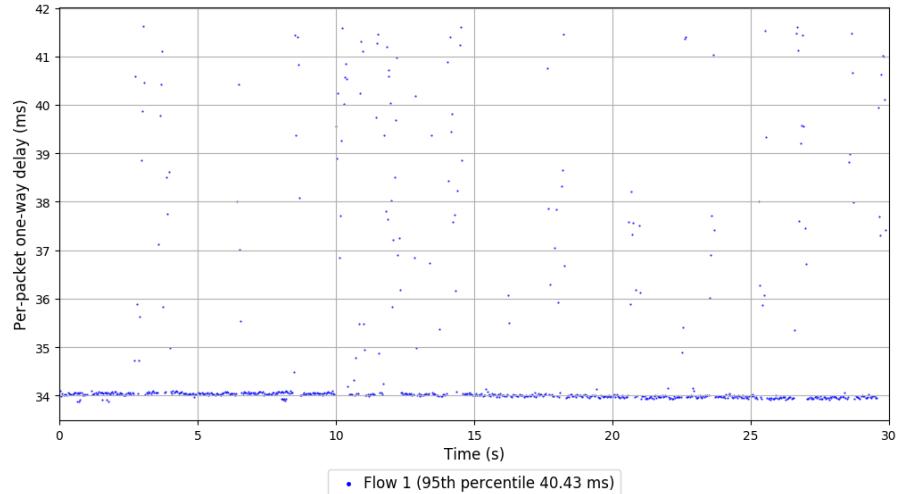
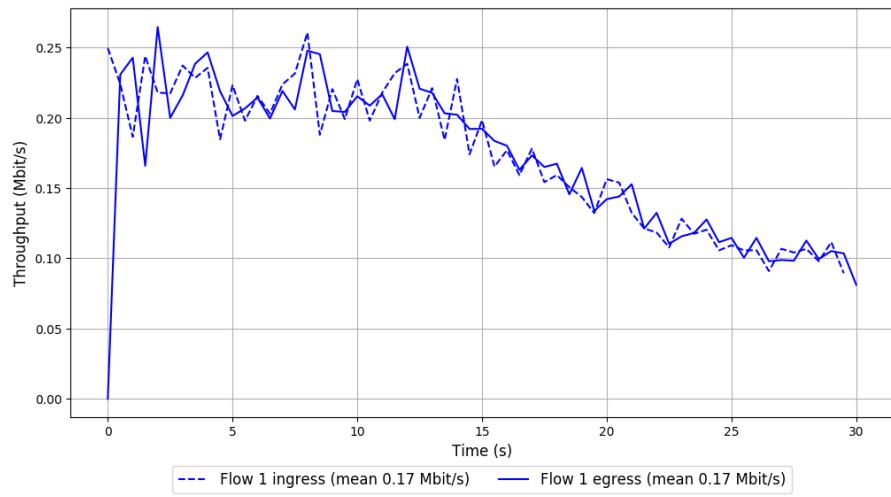


Run 2: Statistics of SCReAM

```
Start at: 2018-07-10 12:48:08
End at: 2018-07-10 12:48:38
Local clock offset: -0.088 ms
Remote clock offset: 0.21 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 40.431 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 40.431 ms
Loss rate: 0.45%
```

Run 2: Report of SCReAM — Data Link

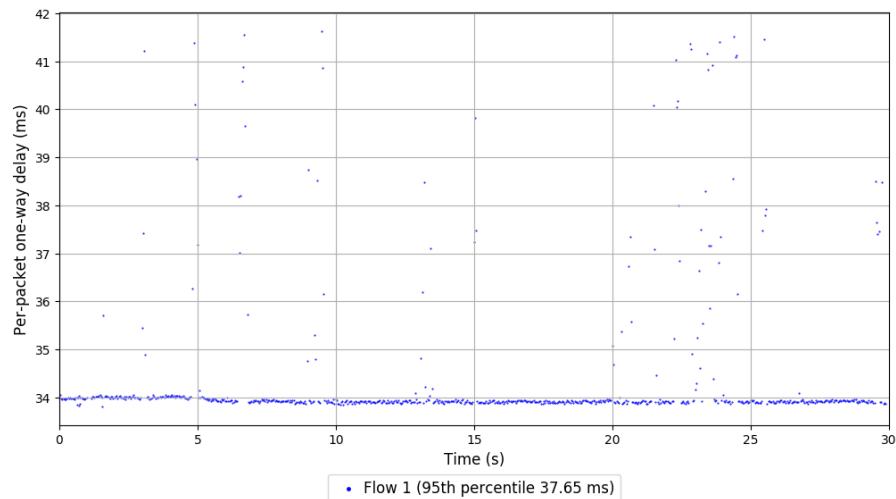
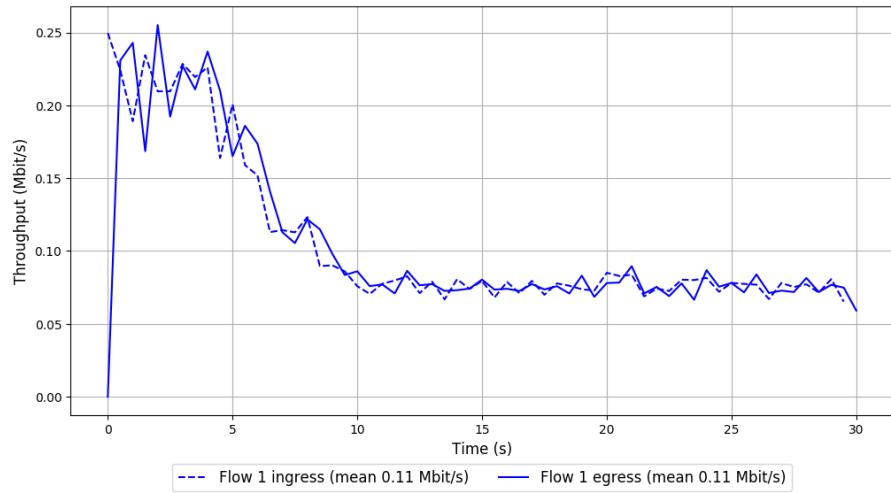


Run 3: Statistics of SCReAM

```
Start at: 2018-07-10 13:12:24
End at: 2018-07-10 13:12:54
Local clock offset: -0.041 ms
Remote clock offset: 0.46 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 37.652 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 37.652 ms
Loss rate: 0.79%
```

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

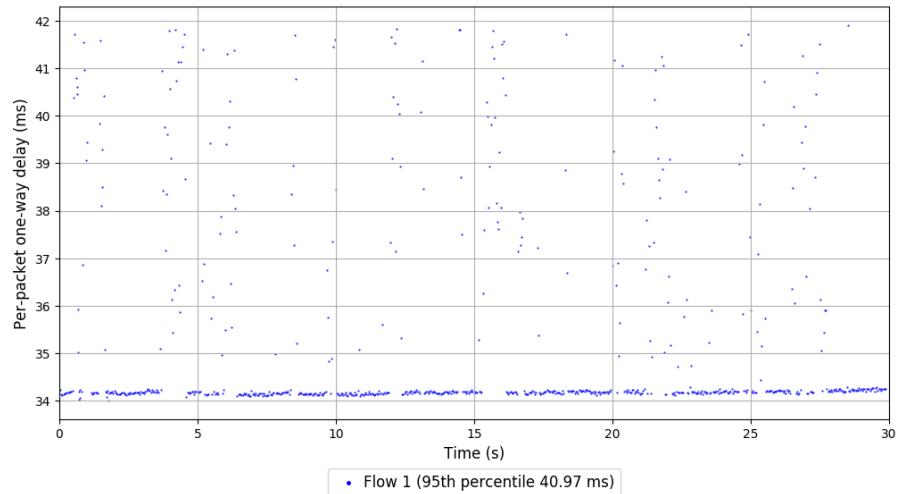
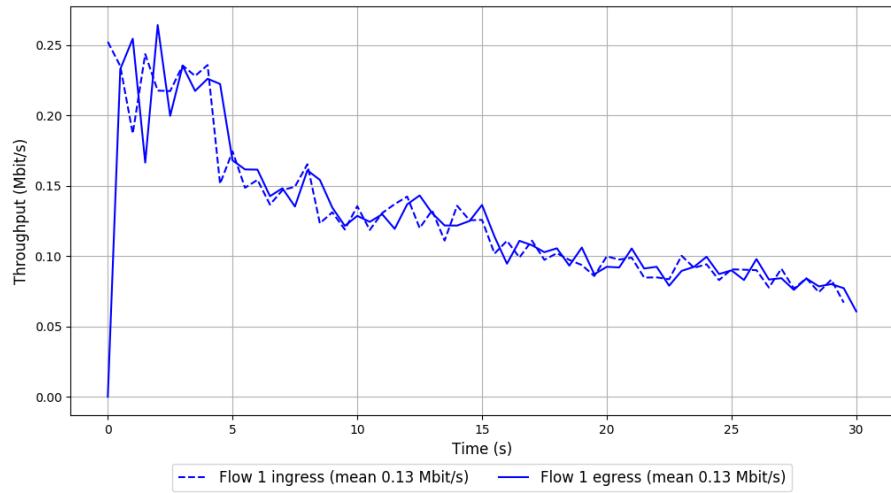


Run 4: Statistics of SCReAM

```
Start at: 2018-07-10 13:36:43
End at: 2018-07-10 13:37:13
Local clock offset: -0.068 ms
Remote clock offset: 0.869 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 40.967 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 40.967 ms
Loss rate: 0.61%
```

Run 4: Report of SCReAM — Data Link

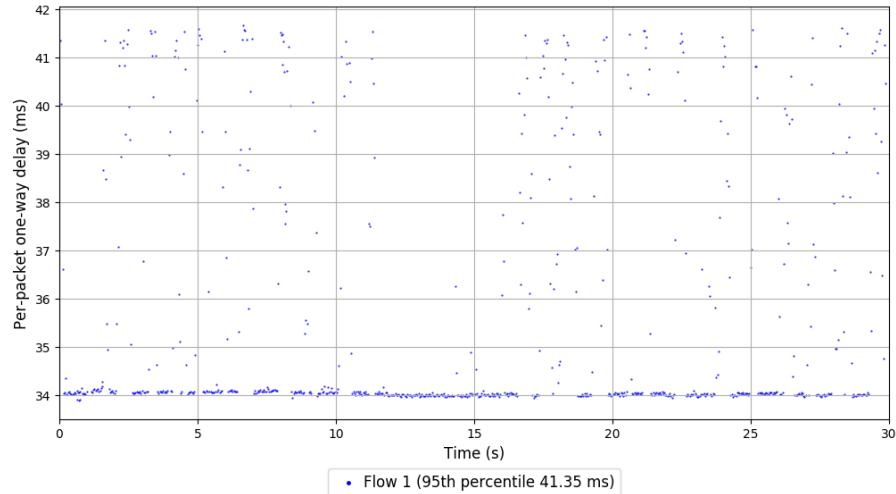
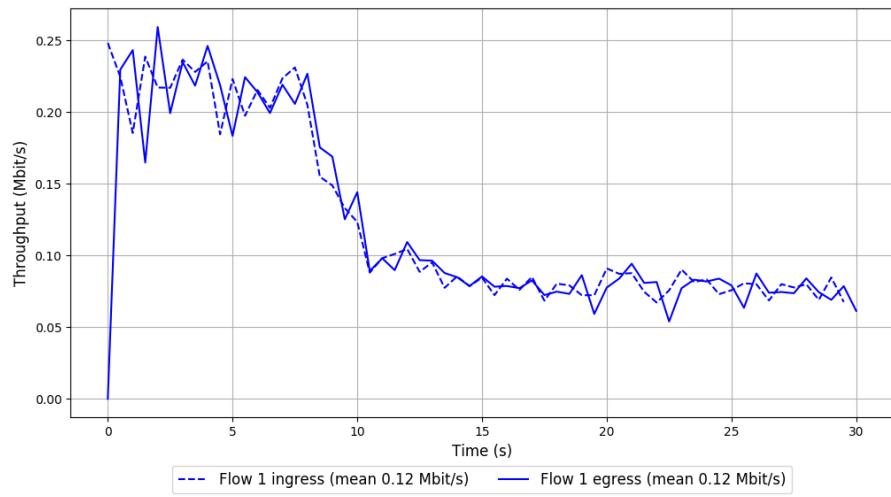


Run 5: Statistics of SCReAM

```
Start at: 2018-07-10 14:00:47
End at: 2018-07-10 14:01:17
Local clock offset: -0.495 ms
Remote clock offset: 4.459 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 41.346 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 41.346 ms
Loss rate: 1.66%
```

Run 5: Report of SCReAM — Data Link

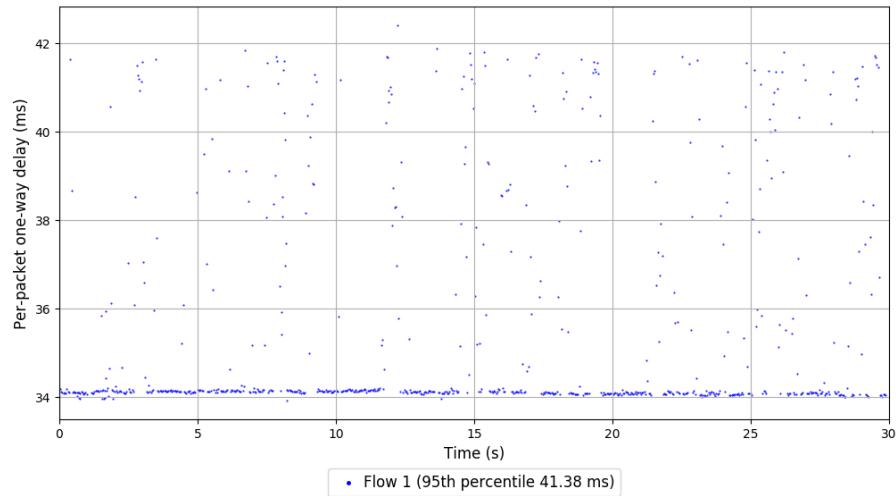
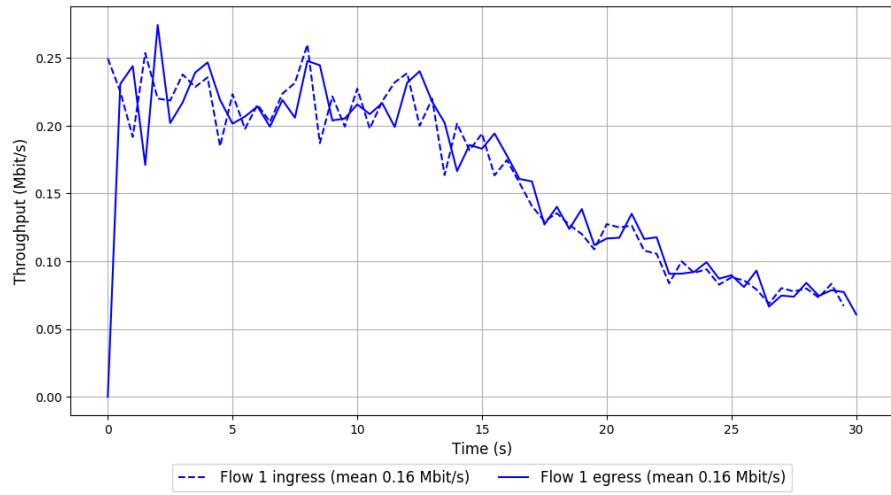


Run 6: Statistics of SCReAM

```
Start at: 2018-07-10 14:26:49
End at: 2018-07-10 14:27:19
Local clock offset: -0.463 ms
Remote clock offset: 6.26 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 41.378 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 41.378 ms
Loss rate: 0.58%
```

Run 6: Report of SCReAM — Data Link

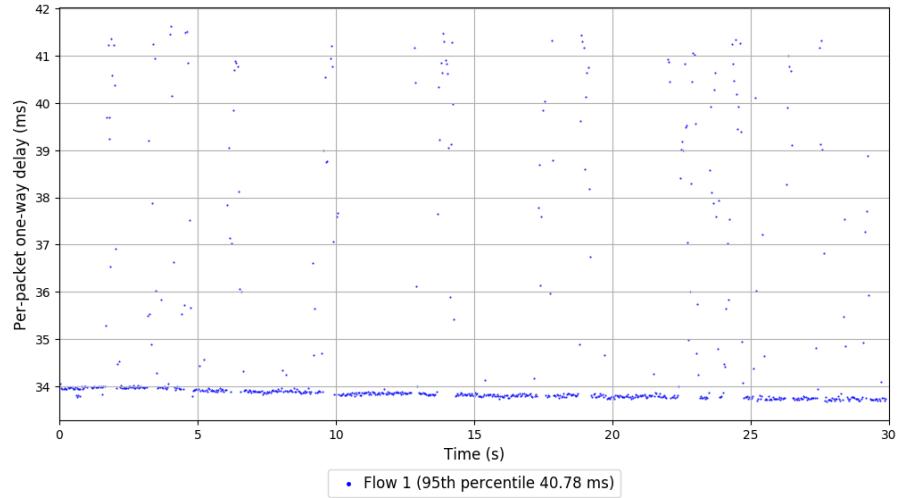
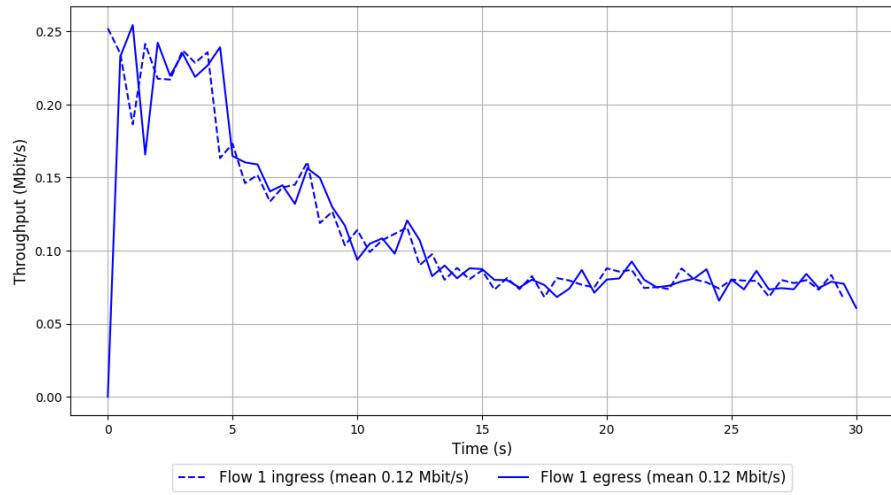


Run 7: Statistics of SCReAM

```
Start at: 2018-07-10 14:52:30
End at: 2018-07-10 14:53:00
Local clock offset: -0.466 ms
Remote clock offset: 1.643 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 40.783 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 40.783 ms
Loss rate: 1.08%
```

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

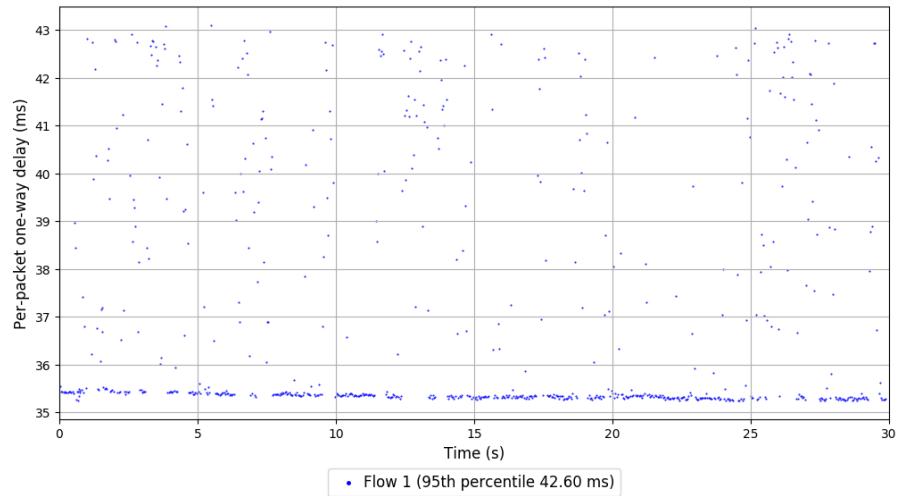
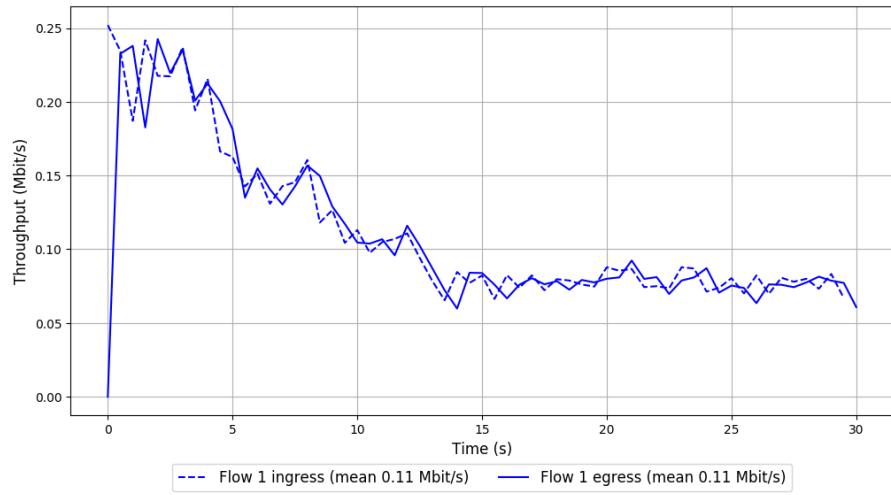


Run 8: Statistics of SCReAM

```
Start at: 2018-07-10 15:18:51
End at: 2018-07-10 15:19:21
Local clock offset: -0.348 ms
Remote clock offset: -3.282 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 42.596 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 42.596 ms
Loss rate: 1.48%
```

Run 8: Report of SCReAM — Data Link

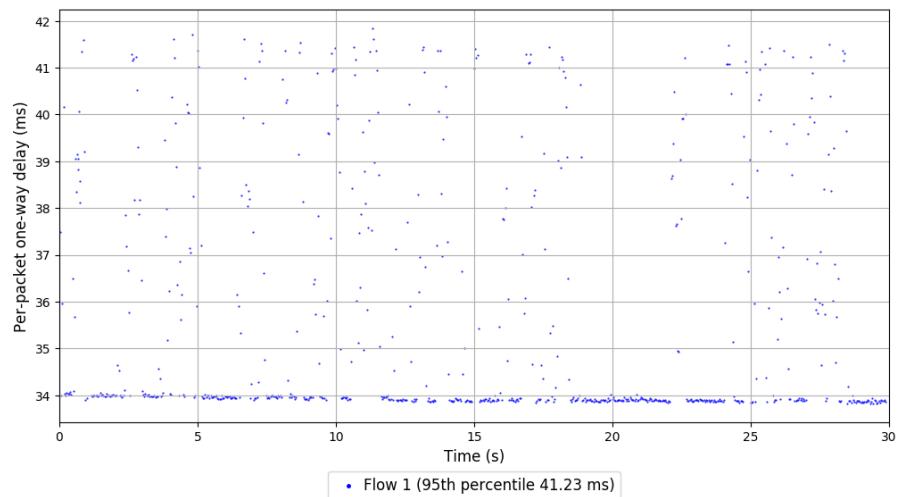
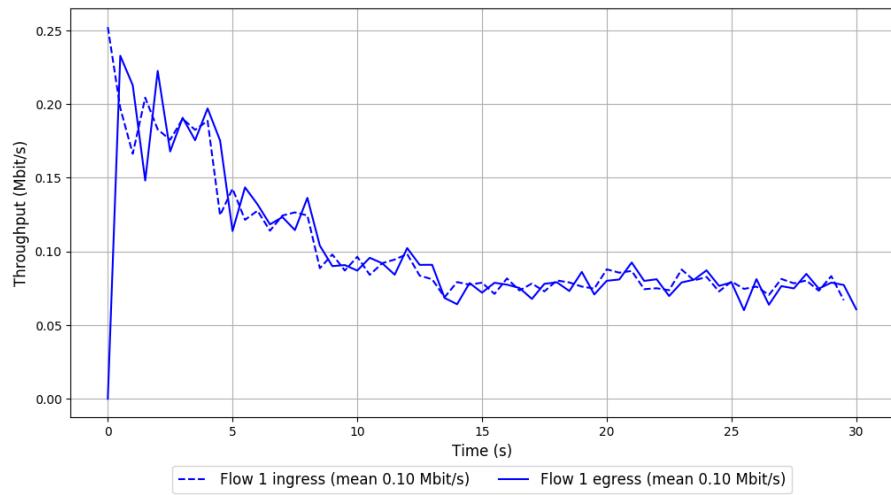


Run 9: Statistics of SCReAM

```
Start at: 2018-07-10 15:44:44
End at: 2018-07-10 15:45:14
Local clock offset: -0.1 ms
Remote clock offset: -6.292 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 41.226 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 41.226 ms
Loss rate: 1.46%
```

Run 9: Report of SCReAM — Data Link

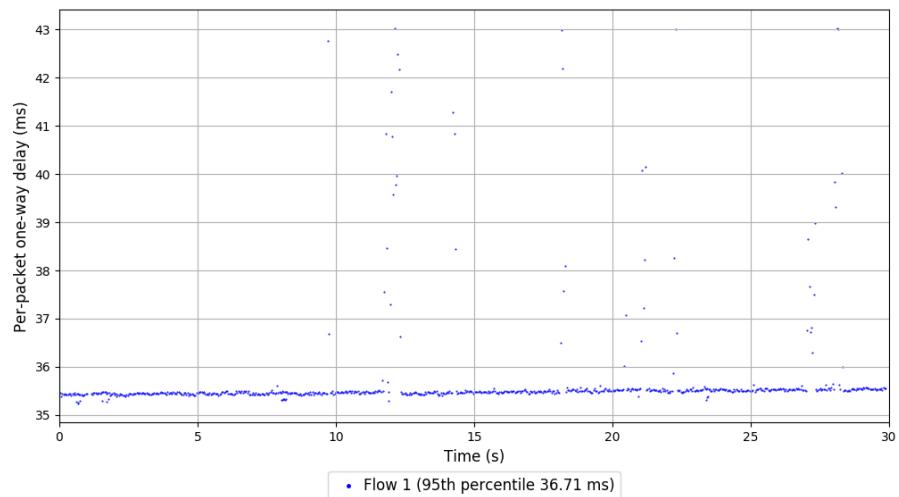
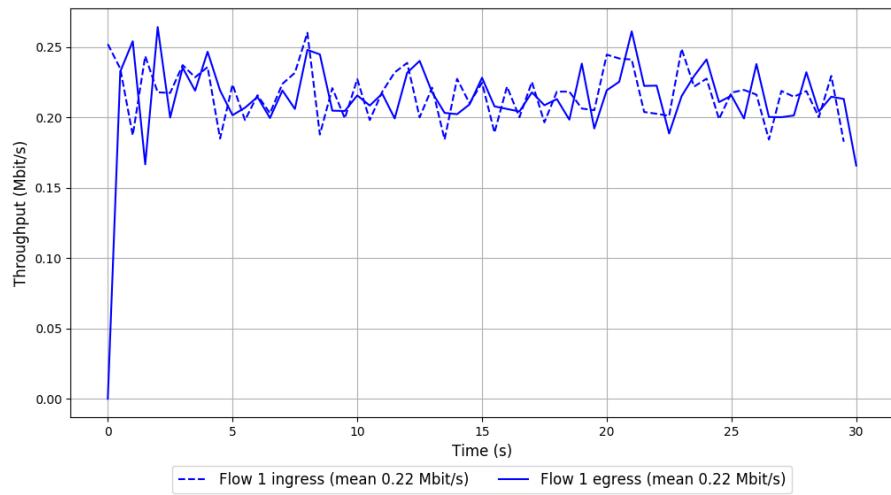


Run 10: Statistics of SCReAM

```
Start at: 2018-07-10 16:08:21
End at: 2018-07-10 16:08:51
Local clock offset: 0.162 ms
Remote clock offset: 2.697 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.714 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.714 ms
Loss rate: 0.26%
```

Run 10: Report of SCReAM — Data Link

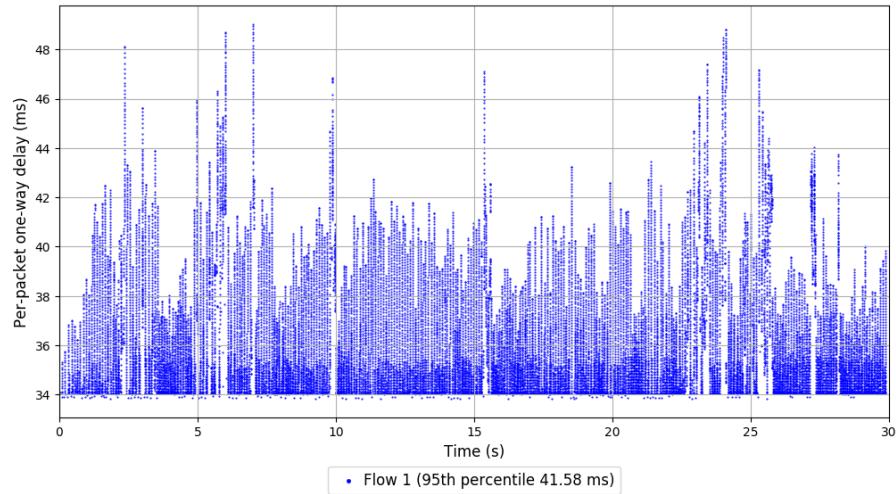
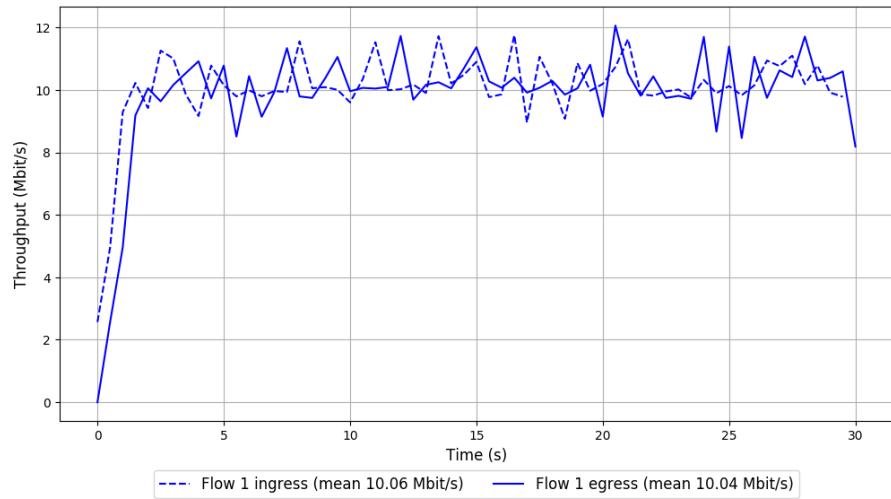


Run 1: Statistics of Sprout

```
Start at: 2018-07-10 12:21:47
End at: 2018-07-10 12:22:17
Local clock offset: -0.125 ms
Remote clock offset: 2.83 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.04 Mbit/s
95th percentile per-packet one-way delay: 41.578 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 10.04 Mbit/s
95th percentile per-packet one-way delay: 41.578 ms
Loss rate: 0.47%
```

## Run 1: Report of Sprout — Data Link

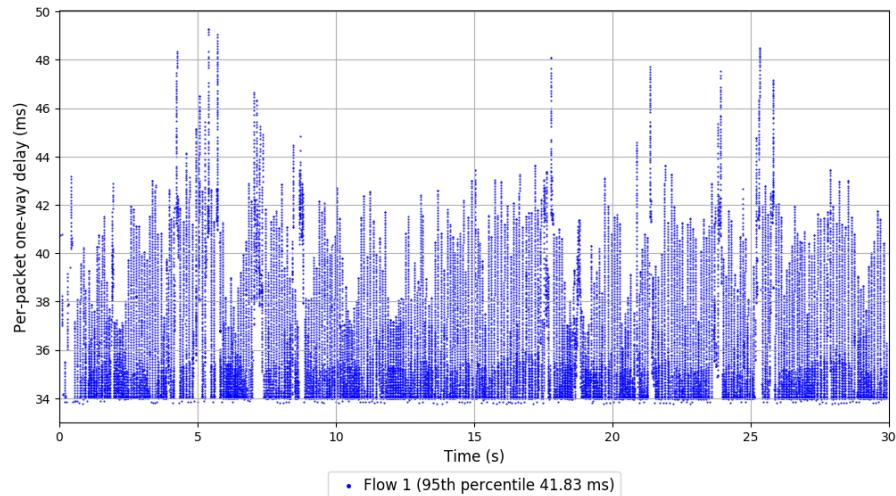
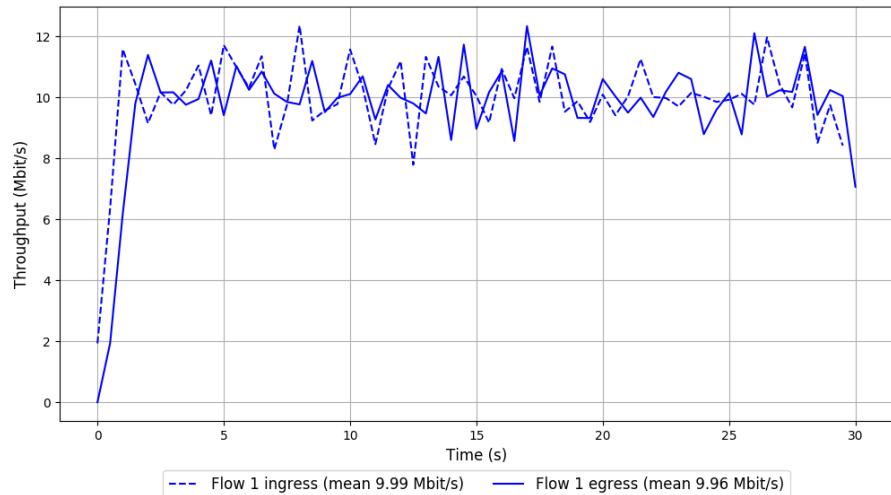


Run 2: Statistics of Sprout

```
Start at: 2018-07-10 12:45:19
End at: 2018-07-10 12:45:49
Local clock offset: -0.055 ms
Remote clock offset: 0.404 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.96 Mbit/s
95th percentile per-packet one-way delay: 41.827 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 9.96 Mbit/s
95th percentile per-packet one-way delay: 41.827 ms
Loss rate: 0.55%
```

## Run 2: Report of Sprout — Data Link

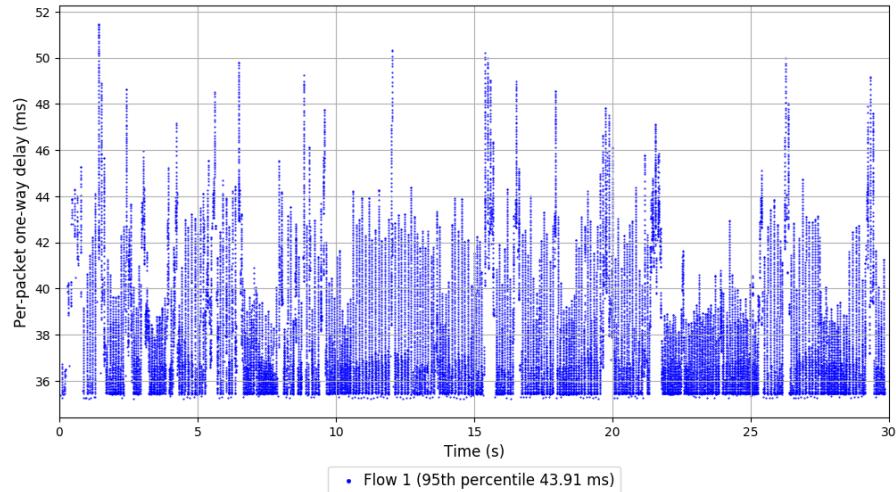
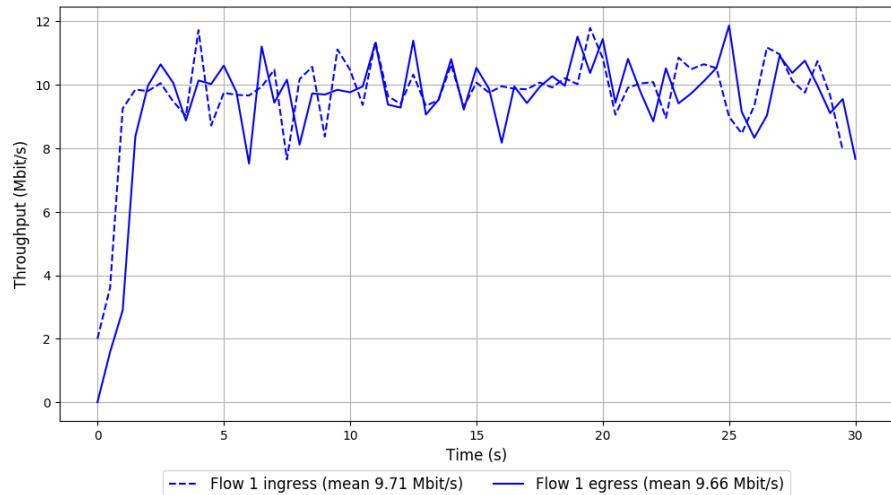


Run 3: Statistics of Sprout

```
Start at: 2018-07-10 13:09:33
End at: 2018-07-10 13:10:03
Local clock offset: -0.046 ms
Remote clock offset: 0.495 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.66 Mbit/s
95th percentile per-packet one-way delay: 43.913 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 9.66 Mbit/s
95th percentile per-packet one-way delay: 43.913 ms
Loss rate: 0.80%
```

Run 3: Report of Sprout — Data Link

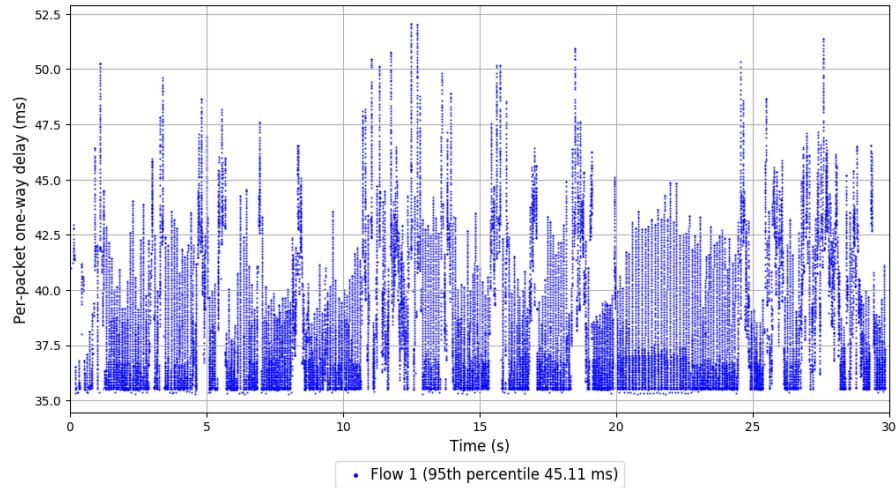
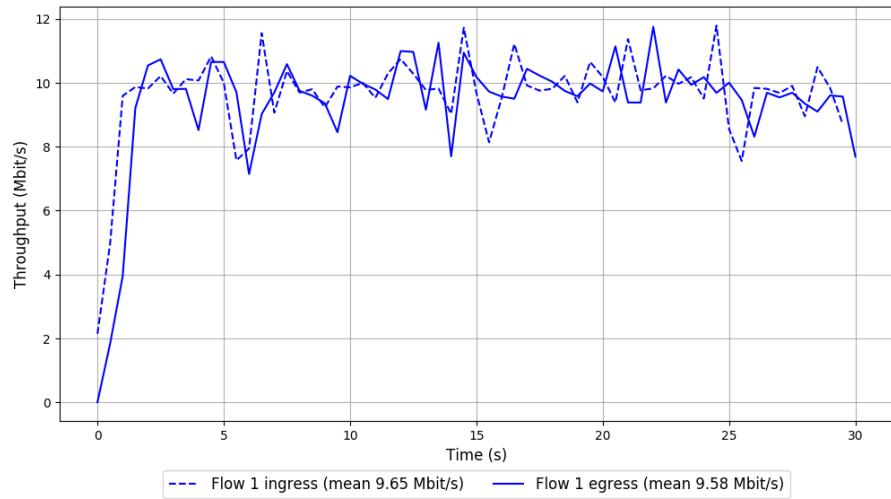


Run 4: Statistics of Sprout

```
Start at: 2018-07-10 13:33:57
End at: 2018-07-10 13:34:27
Local clock offset: -0.048 ms
Remote clock offset: 0.518 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 45.110 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 45.110 ms
Loss rate: 1.00%
```

## Run 4: Report of Sprout — Data Link

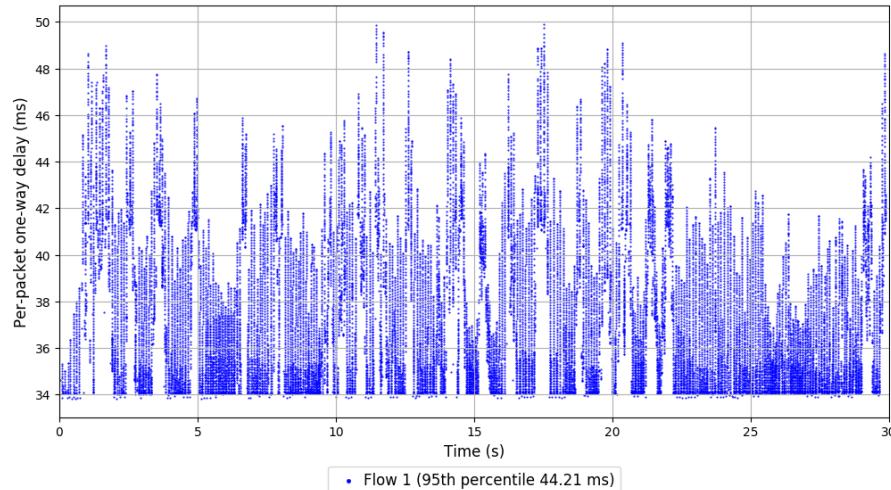
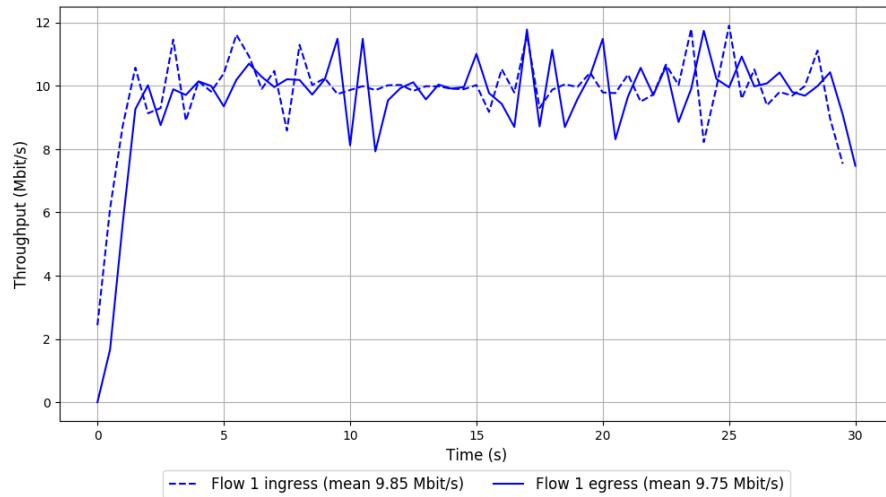


Run 5: Statistics of Sprout

```
Start at: 2018-07-10 13:57:39
End at: 2018-07-10 13:58:09
Local clock offset: -0.49 ms
Remote clock offset: 4.129 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 44.214 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 44.214 ms
Loss rate: 1.05%
```

## Run 5: Report of Sprout — Data Link

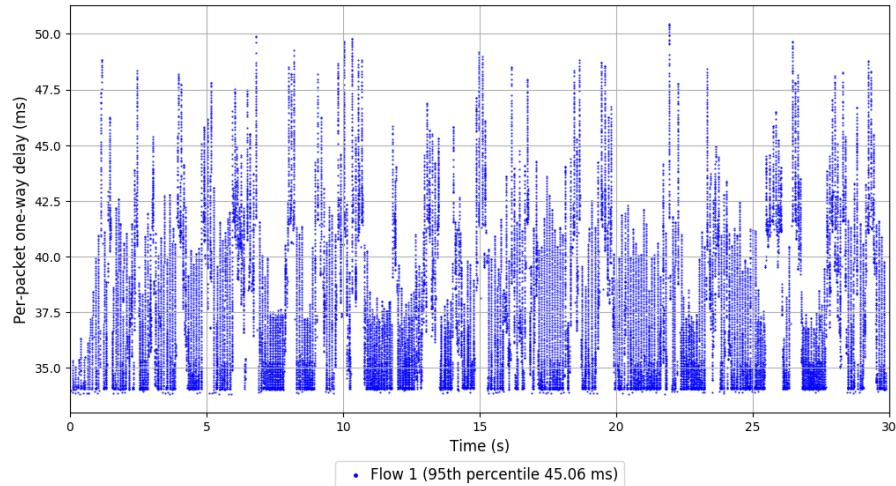
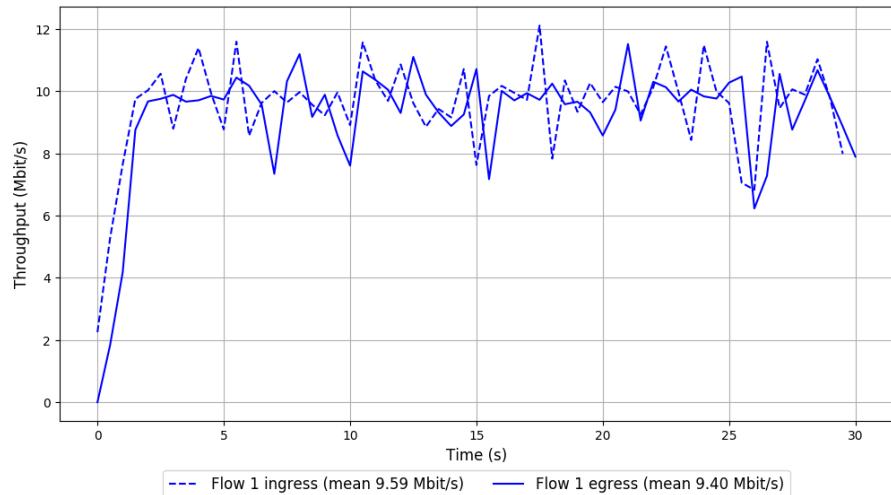


Run 6: Statistics of Sprout

```
Start at: 2018-07-10 14:23:58
End at: 2018-07-10 14:24:28
Local clock offset: -0.555 ms
Remote clock offset: 6.075 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 45.061 ms
Loss rate: 2.11%
-- Flow 1:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 45.061 ms
Loss rate: 2.11%
```

## Run 6: Report of Sprout — Data Link

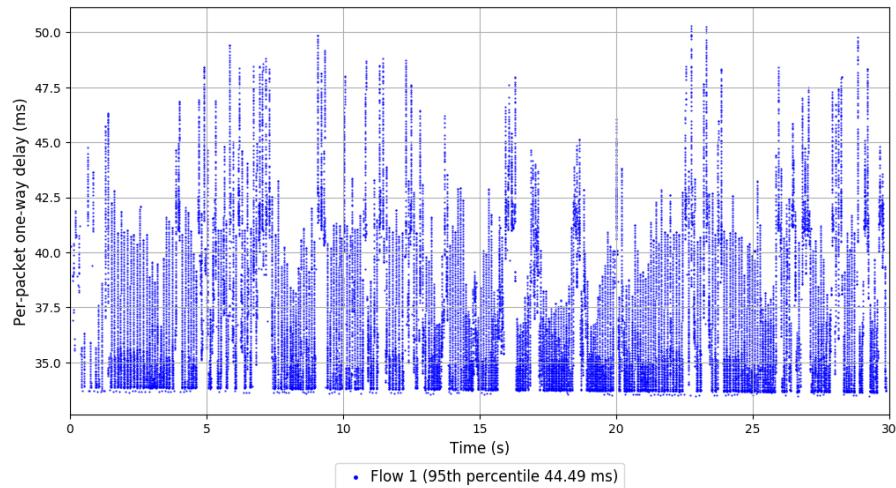
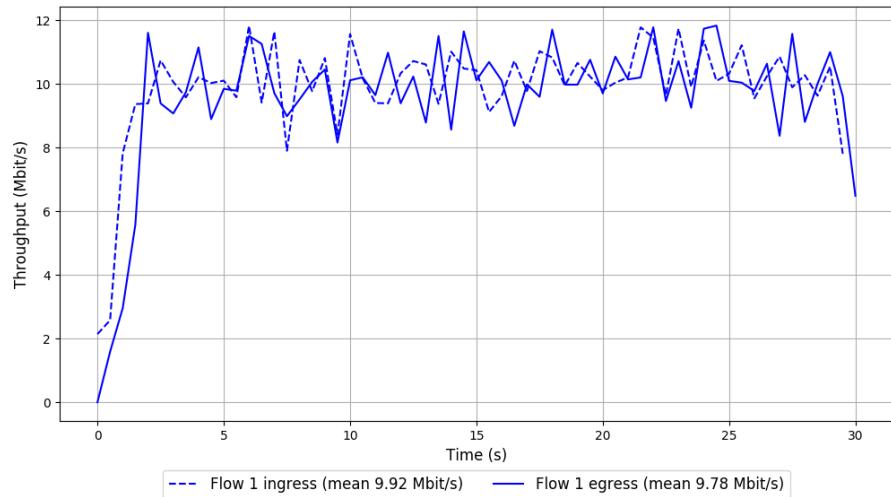


Run 7: Statistics of Sprout

```
Start at: 2018-07-10 14:49:29
End at: 2018-07-10 14:49:59
Local clock offset: -0.565 ms
Remote clock offset: 2.865 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.78 Mbit/s
95th percentile per-packet one-way delay: 44.490 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 9.78 Mbit/s
95th percentile per-packet one-way delay: 44.490 ms
Loss rate: 1.67%
```

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

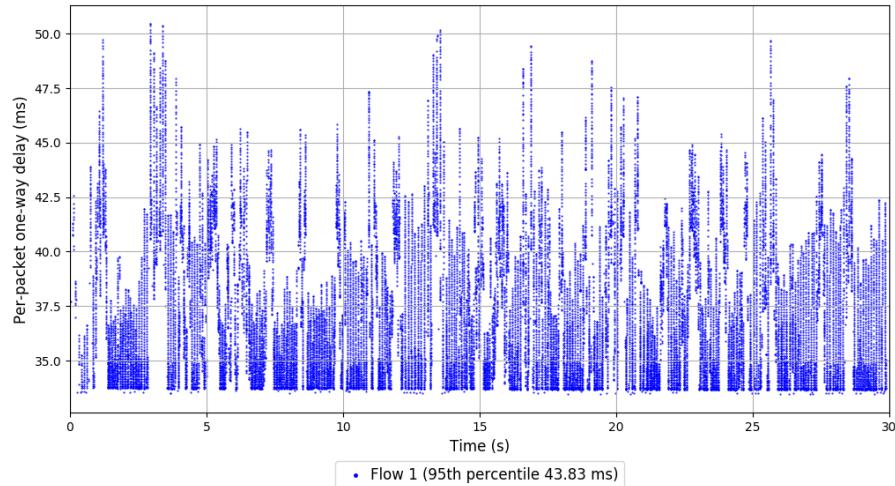
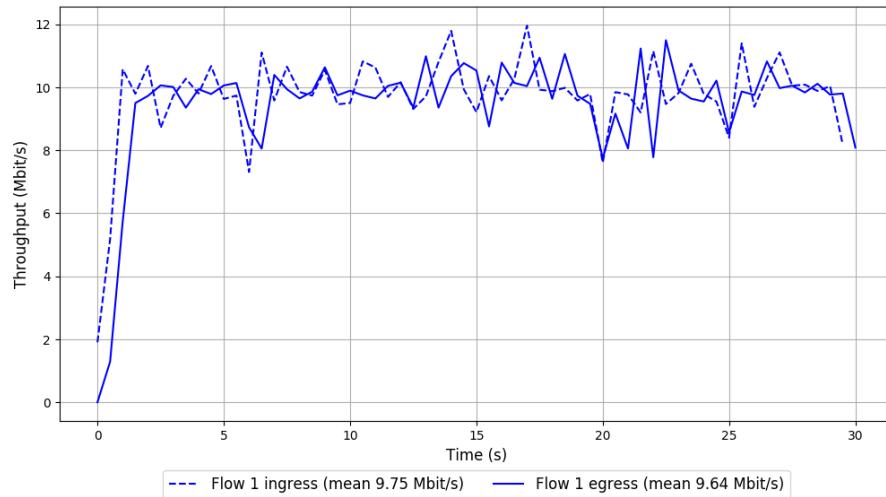


Run 8: Statistics of Sprout

```
Start at: 2018-07-10 15:15:47
End at: 2018-07-10 15:16:17
Local clock offset: -0.477 ms
Remote clock offset: -2.687 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.64 Mbit/s
95th percentile per-packet one-way delay: 43.826 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 9.64 Mbit/s
95th percentile per-packet one-way delay: 43.826 ms
Loss rate: 1.40%
```

## Run 8: Report of Sprout — Data Link

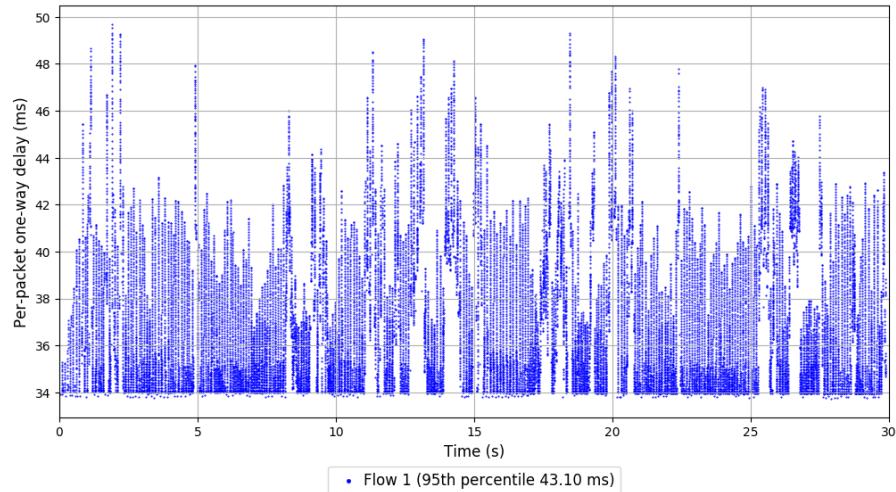
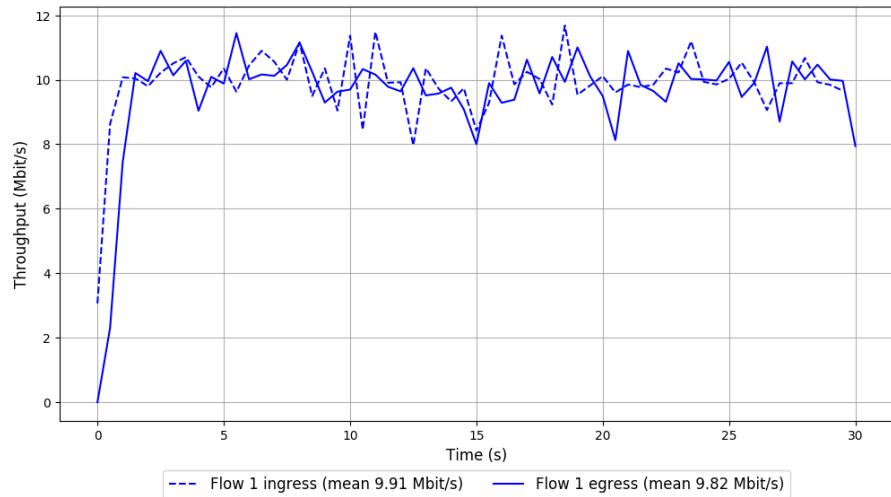


Run 9: Statistics of Sprout

```
Start at: 2018-07-10 15:41:47
End at: 2018-07-10 15:42:17
Local clock offset: -0.133 ms
Remote clock offset: -5.916 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.82 Mbit/s
95th percentile per-packet one-way delay: 43.099 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 9.82 Mbit/s
95th percentile per-packet one-way delay: 43.099 ms
Loss rate: 1.14%
```

## Run 9: Report of Sprout — Data Link

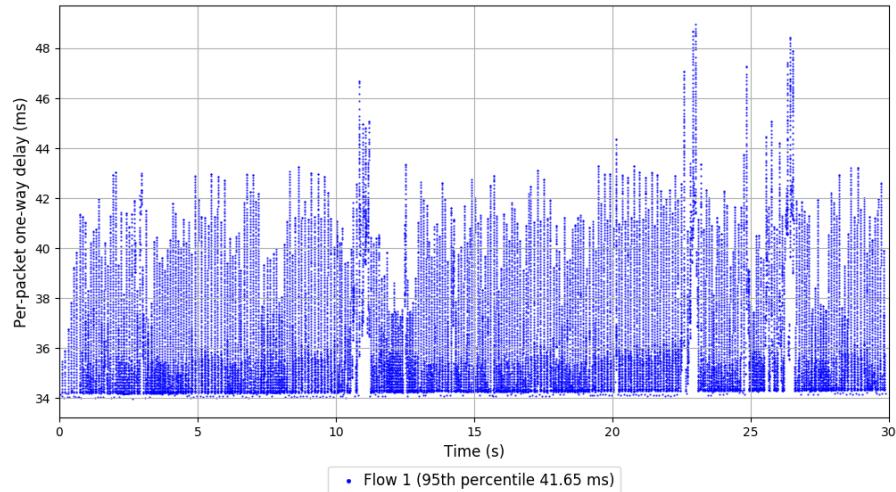
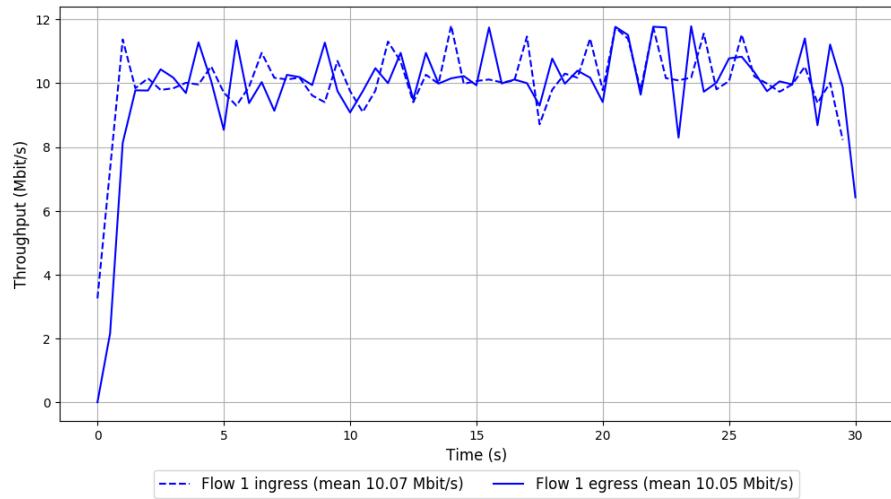


Run 10: Statistics of Sprout

```
Start at: 2018-07-10 16:05:30
End at: 2018-07-10 16:06:00
Local clock offset: 0.245 ms
Remote clock offset: 1.95 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.05 Mbit/s
95th percentile per-packet one-way delay: 41.650 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 10.05 Mbit/s
95th percentile per-packet one-way delay: 41.650 ms
Loss rate: 0.38%
```

## Run 10: Report of Sprout — Data Link

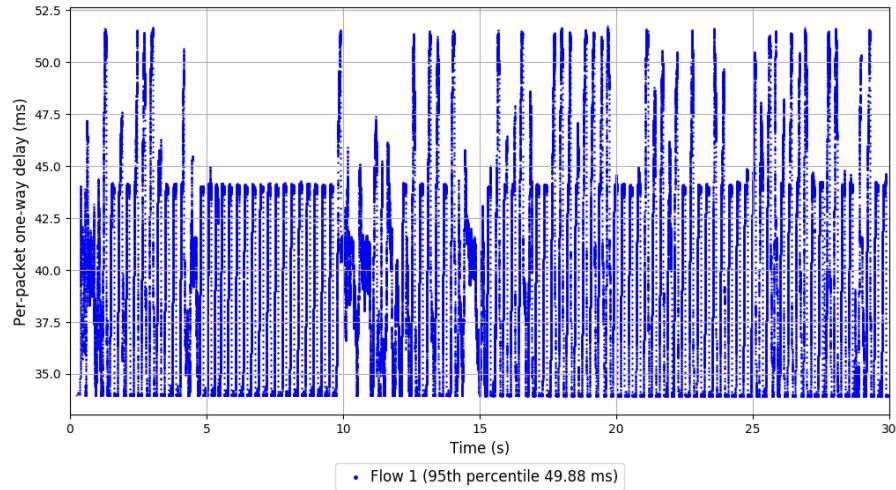
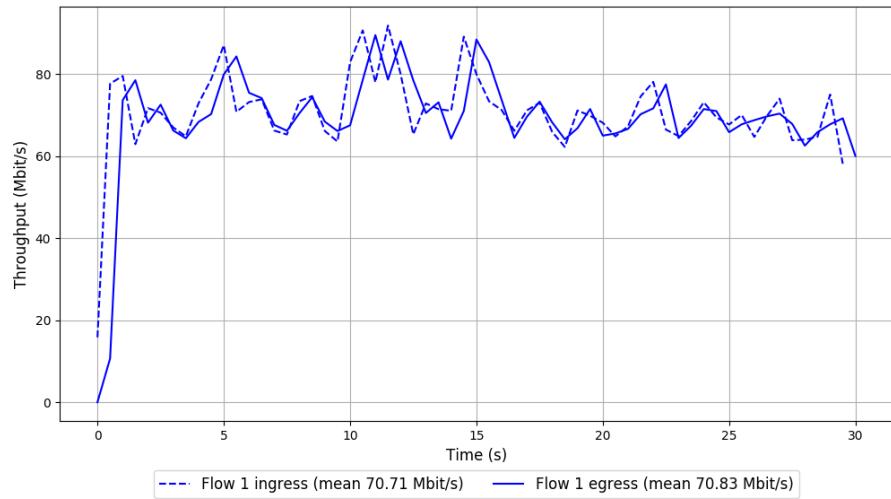


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-07-10 12:37:02
End at: 2018-07-10 12:37:32
Local clock offset: -0.09 ms
Remote clock offset: 0.86 ms

# Below is generated by plot.py at 2018-07-10 16:38:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.83 Mbit/s
95th percentile per-packet one-way delay: 49.881 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 70.83 Mbit/s
95th percentile per-packet one-way delay: 49.881 ms
Loss rate: 0.74%
```

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

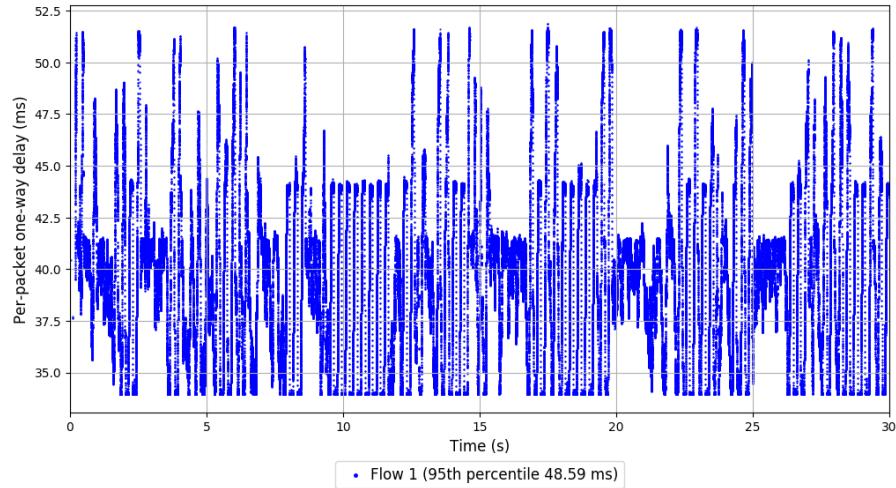
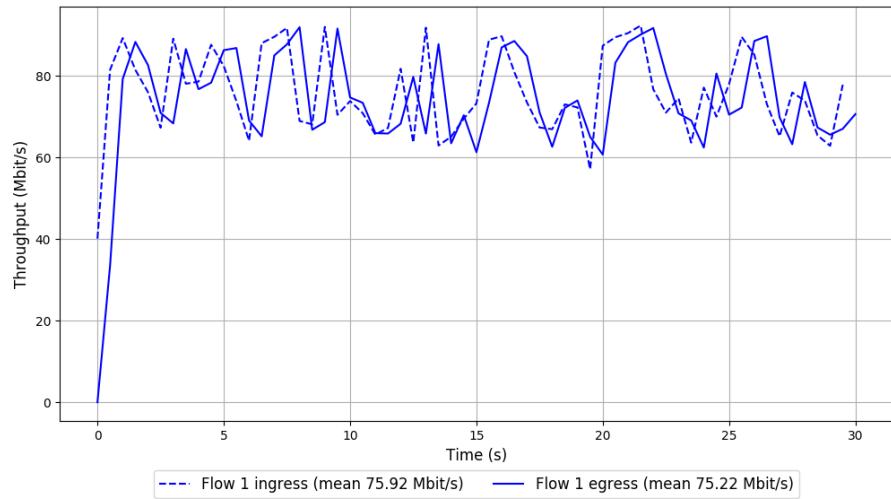


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-07-10 13:00:51
End at: 2018-07-10 13:01:21
Local clock offset: -0.152 ms
Remote clock offset: 0.195 ms

# Below is generated by plot.py at 2018-07-10 16:38:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.22 Mbit/s
95th percentile per-packet one-way delay: 48.594 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 75.22 Mbit/s
95th percentile per-packet one-way delay: 48.594 ms
Loss rate: 1.17%
```

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

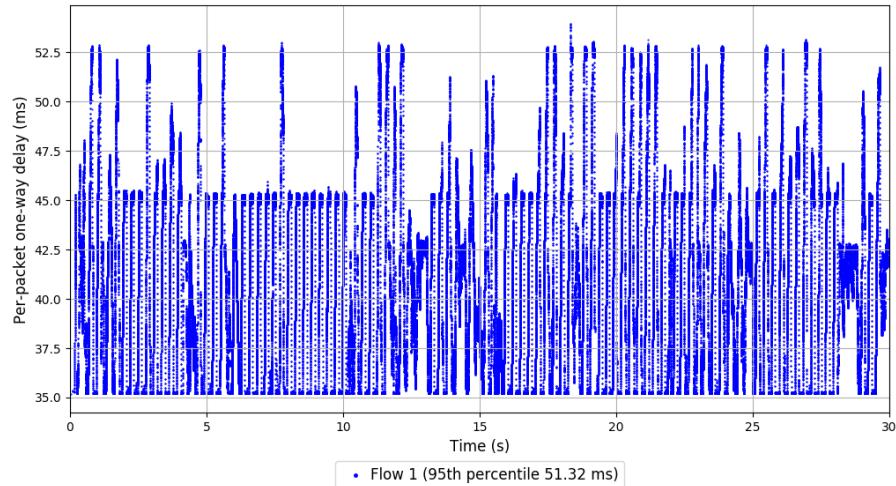
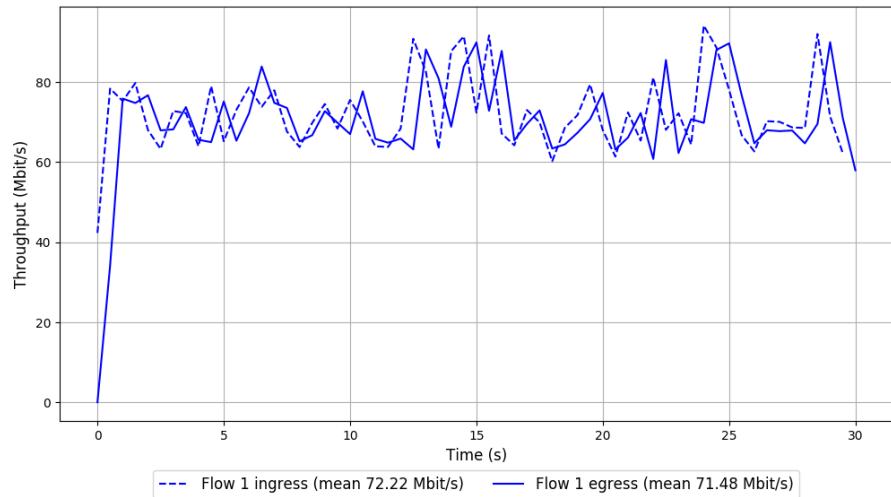


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-07-10 13:25:25
End at: 2018-07-10 13:25:55
Local clock offset: -0.122 ms
Remote clock offset: 0.382 ms

# Below is generated by plot.py at 2018-07-10 16:38:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.48 Mbit/s
95th percentile per-packet one-way delay: 51.320 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 71.48 Mbit/s
95th percentile per-packet one-way delay: 51.320 ms
Loss rate: 1.26%
```

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

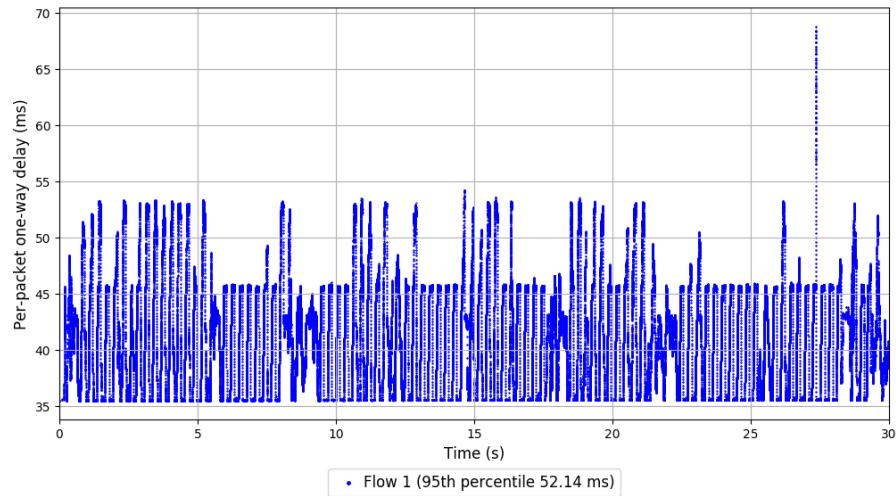
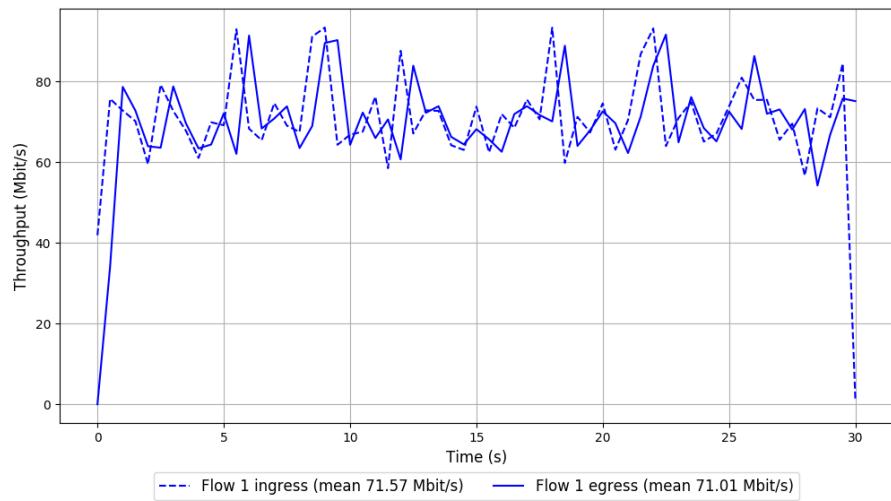


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-07-10 13:49:05
End at: 2018-07-10 13:49:35
Local clock offset: -0.28 ms
Remote clock offset: 3.165 ms

# Below is generated by plot.py at 2018-07-10 16:38:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.01 Mbit/s
95th percentile per-packet one-way delay: 52.139 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 71.01 Mbit/s
95th percentile per-packet one-way delay: 52.139 ms
Loss rate: 1.02%
```

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

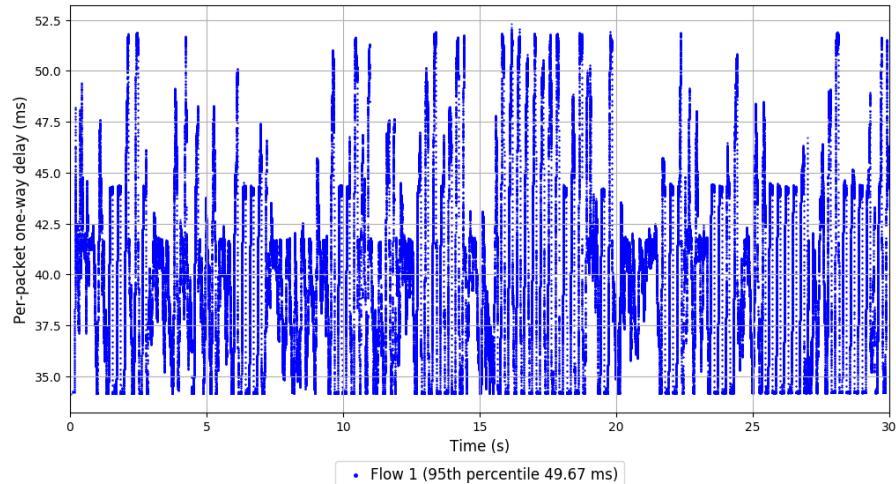
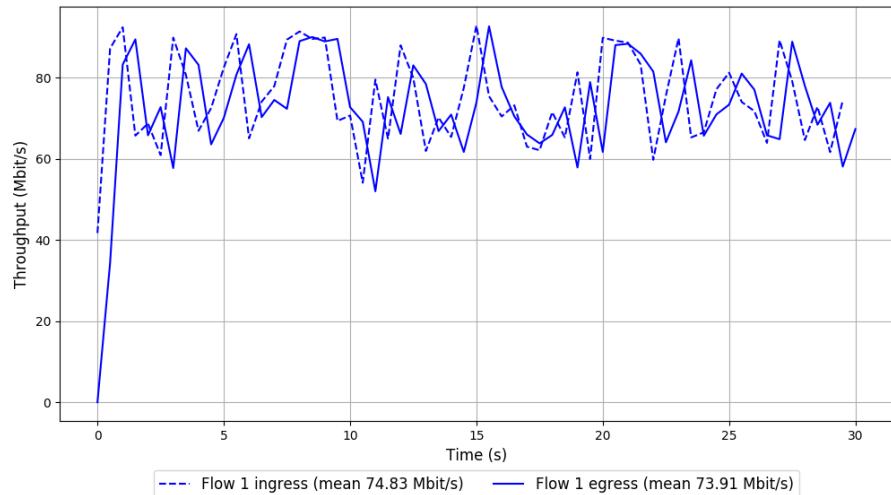


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-07-10 14:14:31
End at: 2018-07-10 14:15:01
Local clock offset: -0.455 ms
Remote clock offset: 5.525 ms

# Below is generated by plot.py at 2018-07-10 16:38:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.91 Mbit/s
95th percentile per-packet one-way delay: 49.675 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 73.91 Mbit/s
95th percentile per-packet one-way delay: 49.675 ms
Loss rate: 1.46%
```

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

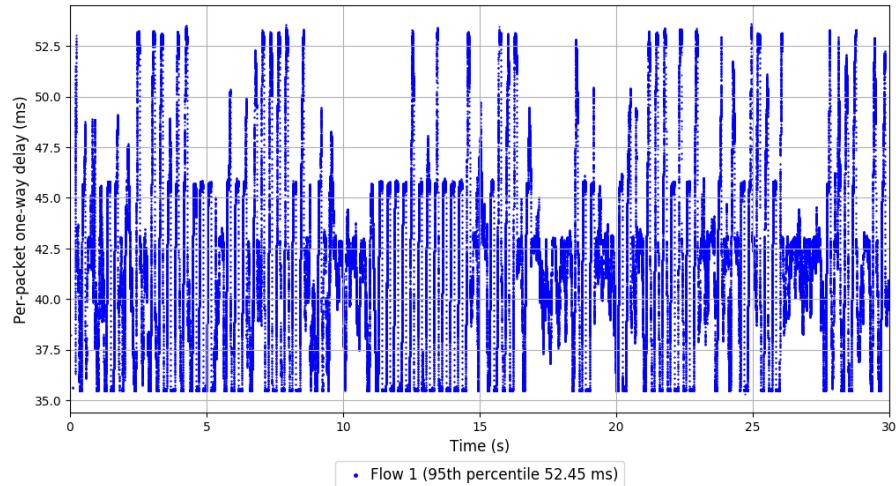
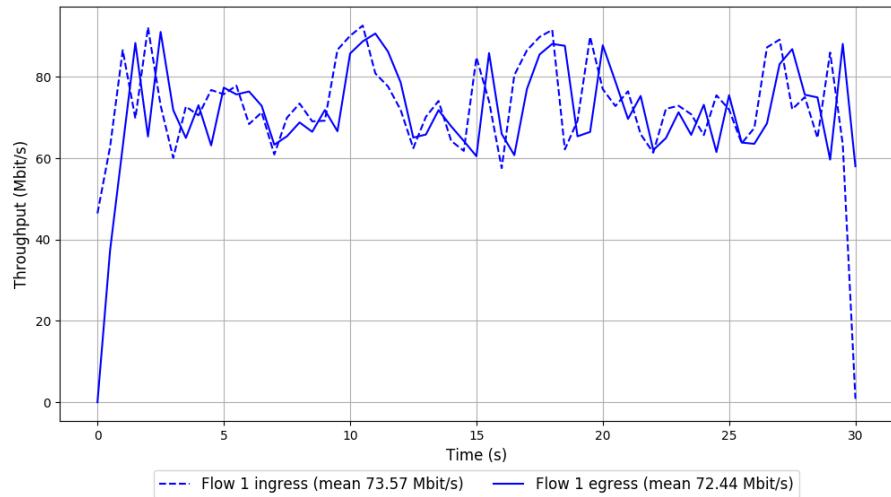


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-07-10 14:40:48
End at: 2018-07-10 14:41:18
Local clock offset: -0.437 ms
Remote clock offset: 6.47 ms

# Below is generated by plot.py at 2018-07-10 16:38:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.44 Mbit/s
95th percentile per-packet one-way delay: 52.453 ms
Loss rate: 1.78%
-- Flow 1:
Average throughput: 72.44 Mbit/s
95th percentile per-packet one-way delay: 52.453 ms
Loss rate: 1.78%
```

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

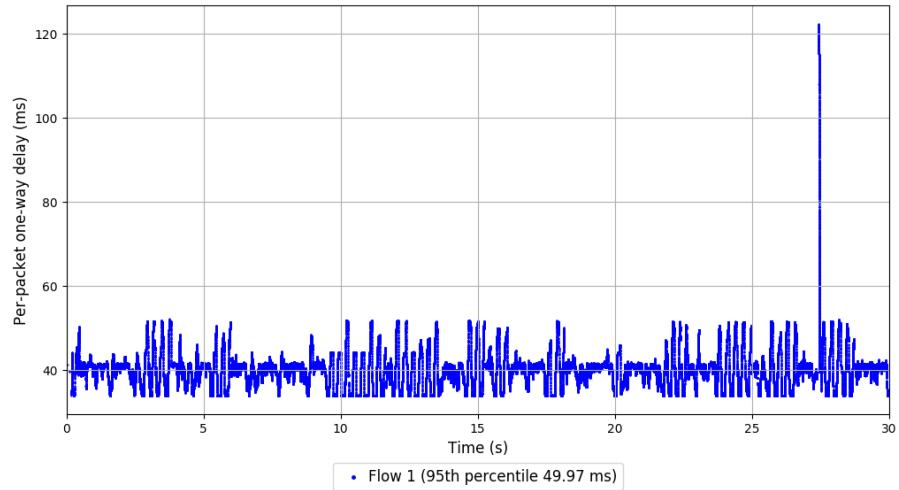
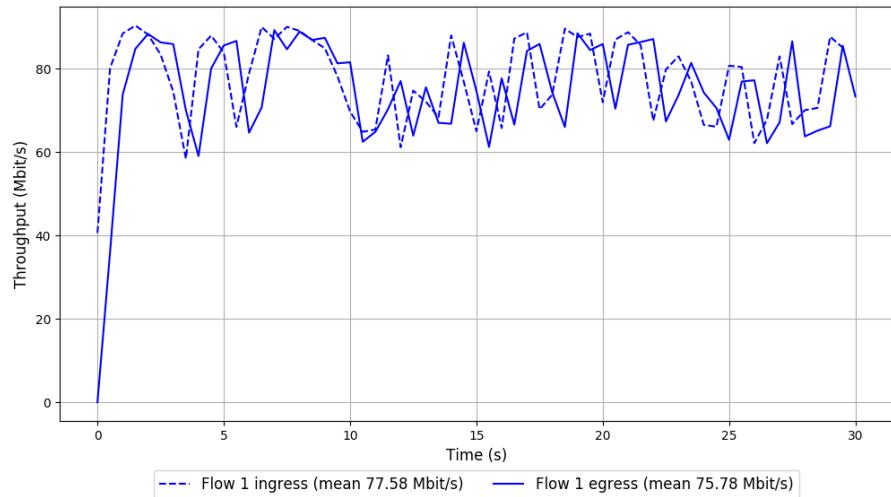


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-07-10 15:06:30
End at: 2018-07-10 15:07:00
Local clock offset: -0.453 ms
Remote clock offset: -1.691 ms

# Below is generated by plot.py at 2018-07-10 16:38:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.78 Mbit/s
95th percentile per-packet one-way delay: 49.969 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 75.78 Mbit/s
95th percentile per-packet one-way delay: 49.969 ms
Loss rate: 2.57%
```

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

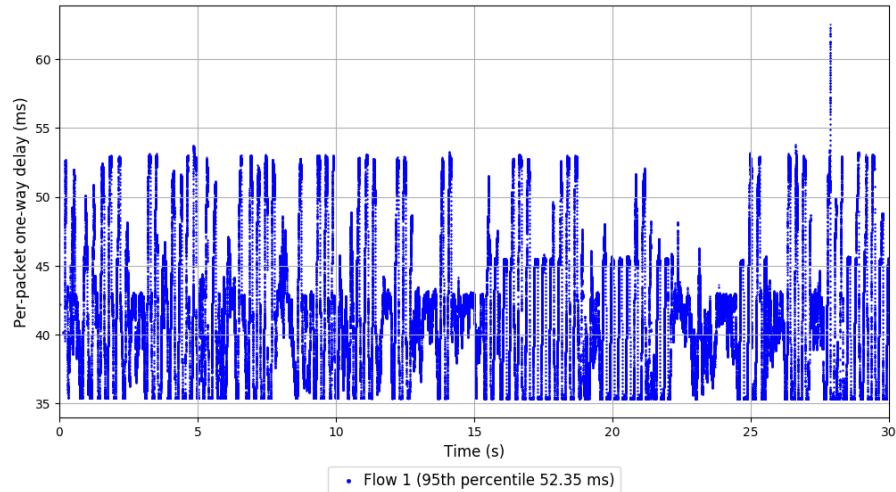
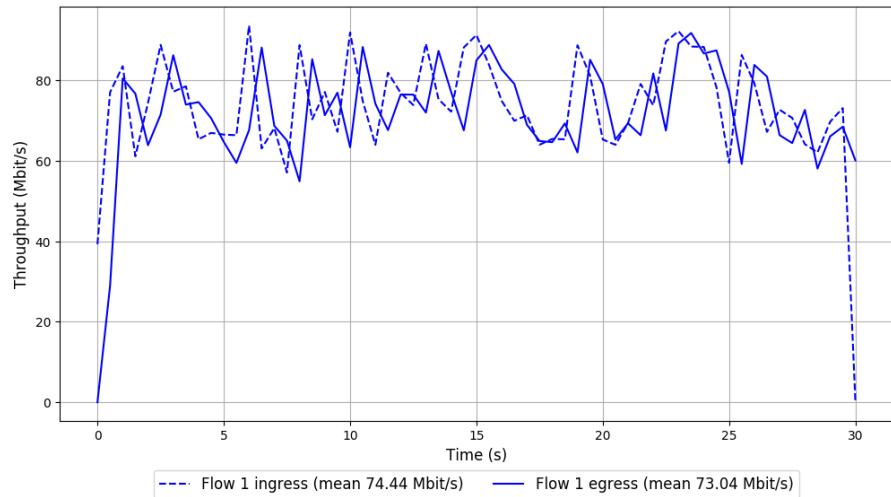


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-07-10 15:32:47
End at: 2018-07-10 15:33:17
Local clock offset: -0.241 ms
Remote clock offset: -4.966 ms

# Below is generated by plot.py at 2018-07-10 16:39:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.04 Mbit/s
95th percentile per-packet one-way delay: 52.353 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 73.04 Mbit/s
95th percentile per-packet one-way delay: 52.353 ms
Loss rate: 2.15%
```

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

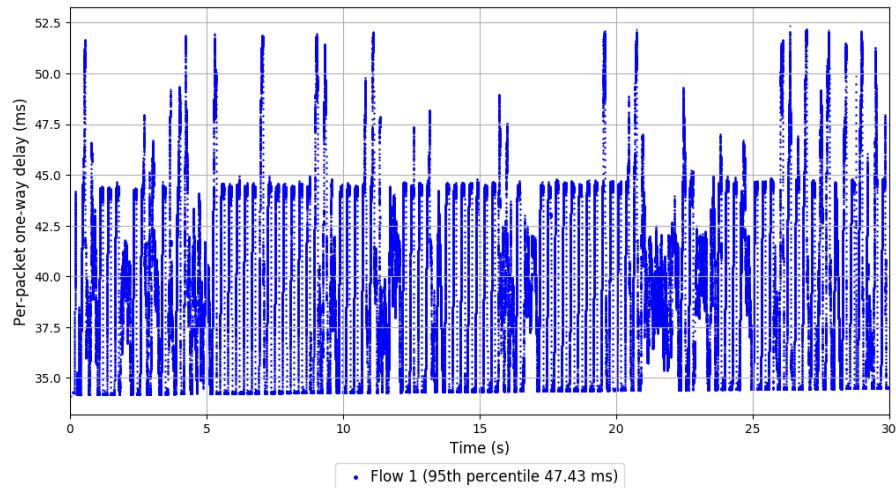
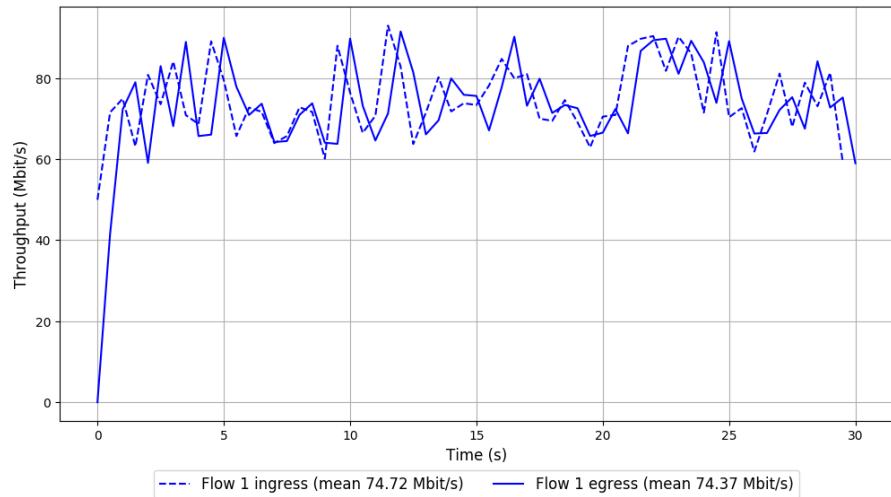


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-07-10 15:57:21
End at: 2018-07-10 15:57:51
Local clock offset: 0.047 ms
Remote clock offset: -2.098 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.37 Mbit/s
95th percentile per-packet one-way delay: 47.433 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 74.37 Mbit/s
95th percentile per-packet one-way delay: 47.433 ms
Loss rate: 0.69%
```

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

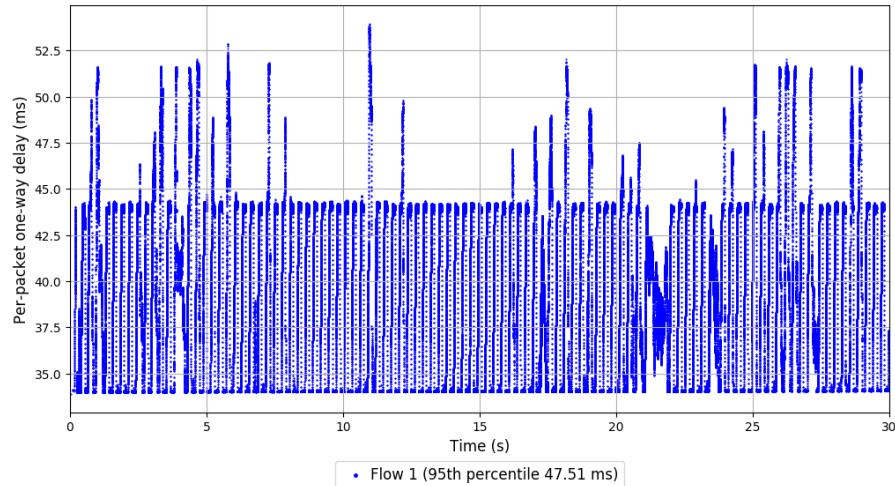
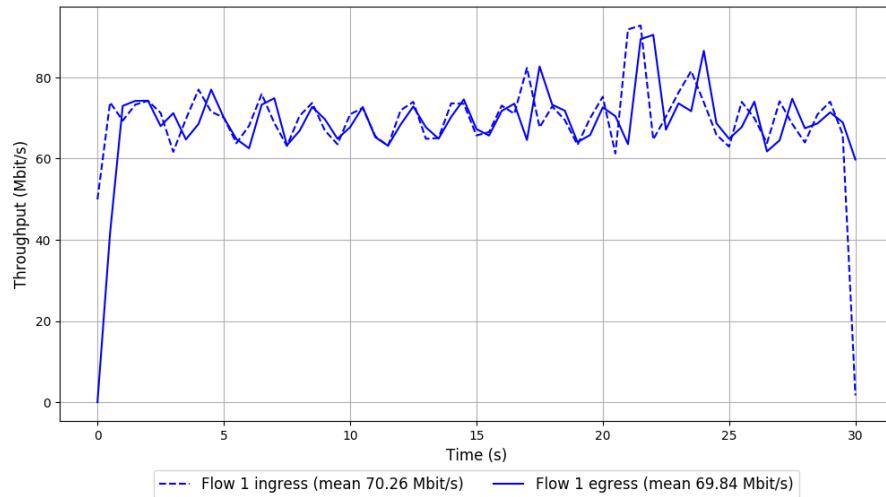


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-07-10 16:20:55
End at: 2018-07-10 16:21:25
Local clock offset: 0.171 ms
Remote clock offset: 4.896 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.84 Mbit/s
95th percentile per-packet one-way delay: 47.513 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 69.84 Mbit/s
95th percentile per-packet one-way delay: 47.513 ms
Loss rate: 0.83%
```

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

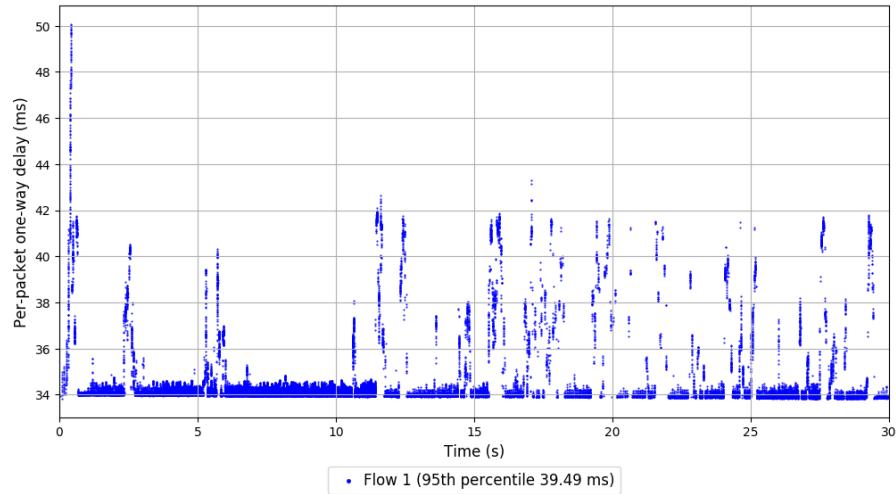
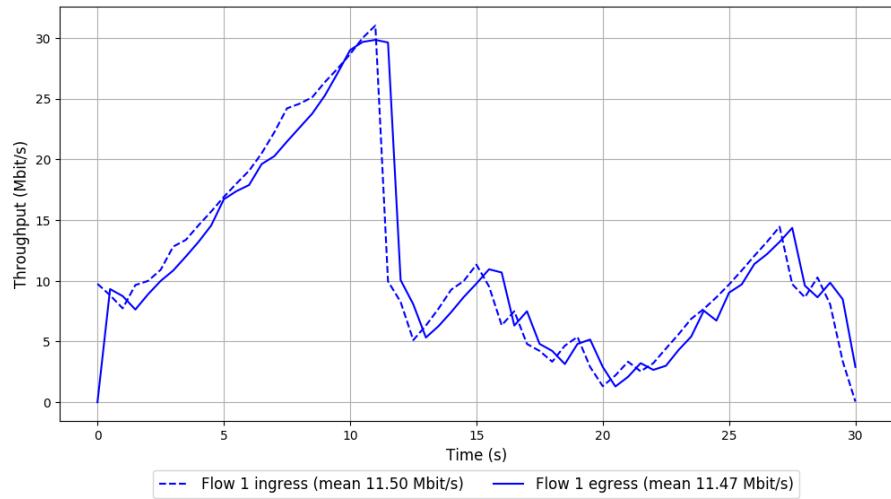


Run 1: Statistics of TCP Vegas

```
Start at: 2018-07-10 12:27:12
End at: 2018-07-10 12:27:42
Local clock offset: -0.137 ms
Remote clock offset: 2.838 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.47 Mbit/s
95th percentile per-packet one-way delay: 39.491 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 11.47 Mbit/s
95th percentile per-packet one-way delay: 39.491 ms
Loss rate: 0.47%
```

Run 1: Report of TCP Vegas — Data Link

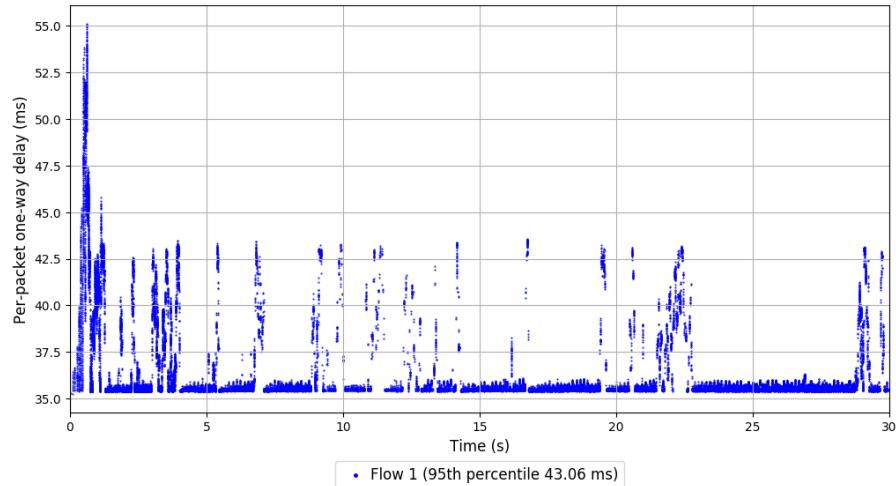
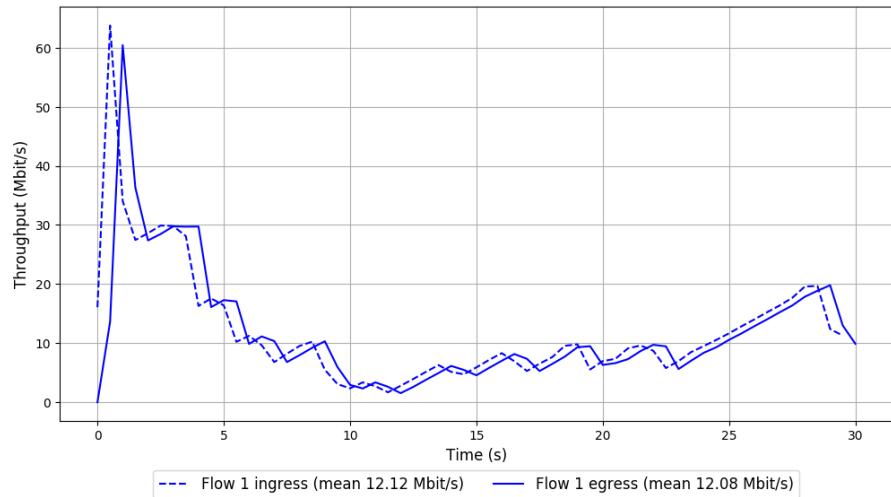


Run 2: Statistics of TCP Vegas

```
Start at: 2018-07-10 12:50:41
End at: 2018-07-10 12:51:11
Local clock offset: -0.147 ms
Remote clock offset: 0.187 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 43.061 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 43.061 ms
Loss rate: 0.56%
```

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

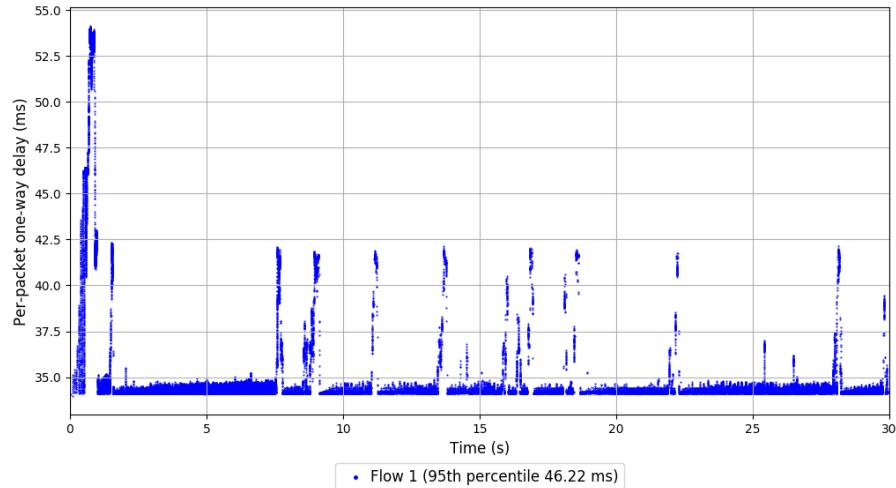
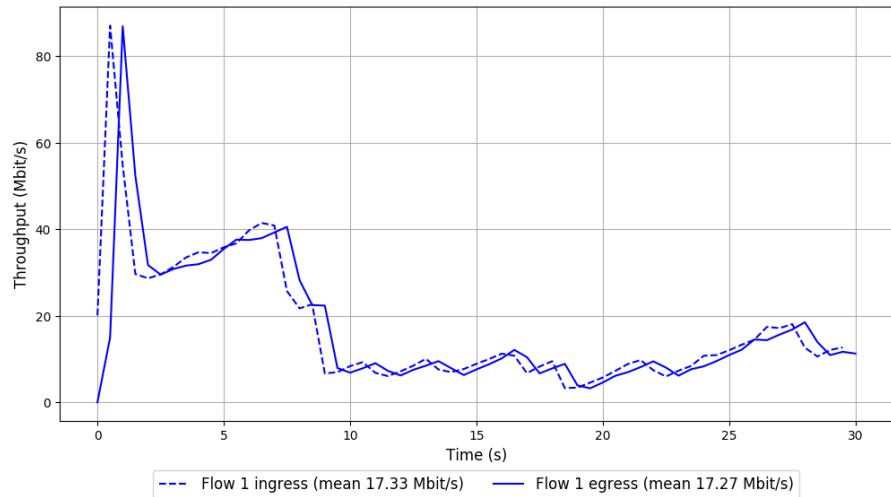


Run 3: Statistics of TCP Vegas

```
Start at: 2018-07-10 13:14:57
End at: 2018-07-10 13:15:27
Local clock offset: -0.024 ms
Remote clock offset: 0.477 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.27 Mbit/s
95th percentile per-packet one-way delay: 46.223 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 17.27 Mbit/s
95th percentile per-packet one-way delay: 46.223 ms
Loss rate: 0.55%
```

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

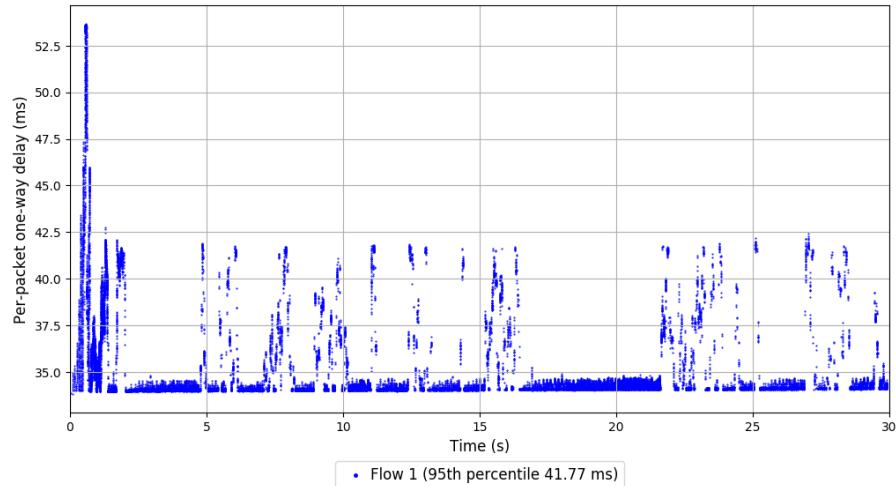
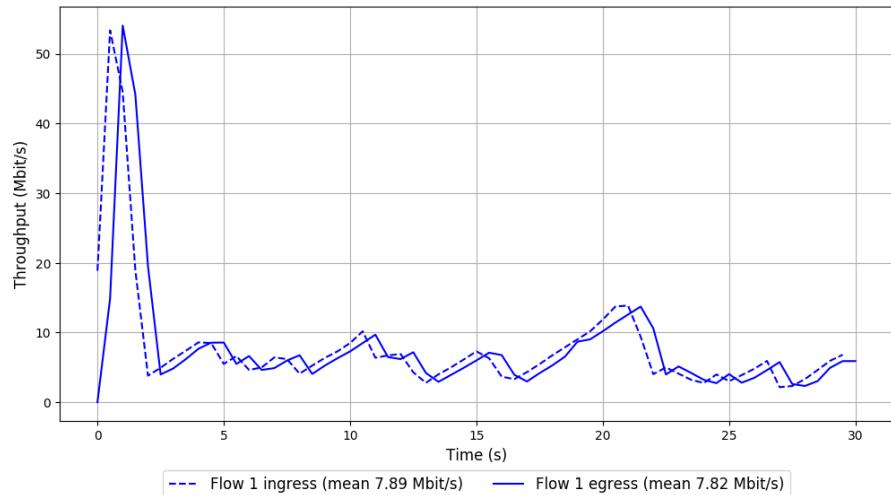


Run 4: Statistics of TCP Vegas

```
Start at: 2018-07-10 13:39:15
End at: 2018-07-10 13:39:45
Local clock offset: -0.191 ms
Remote clock offset: 1.588 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.82 Mbit/s
95th percentile per-packet one-way delay: 41.767 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 7.82 Mbit/s
95th percentile per-packet one-way delay: 41.767 ms
Loss rate: 1.05%
```

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

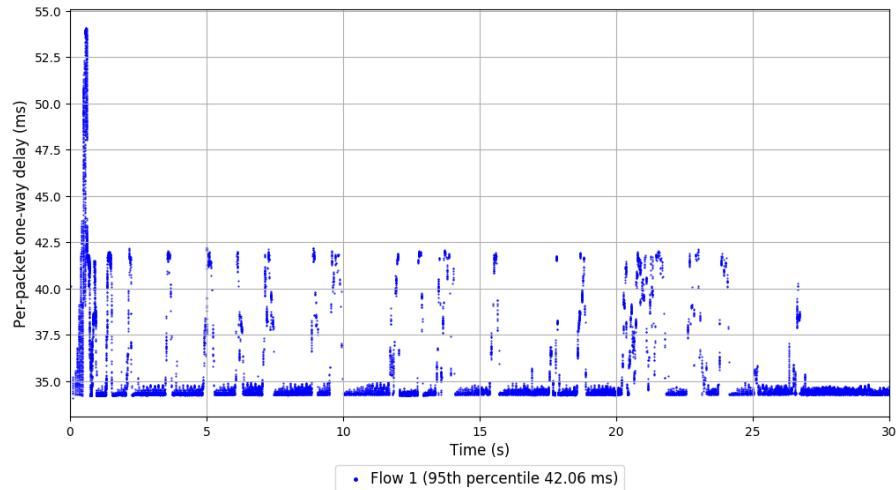
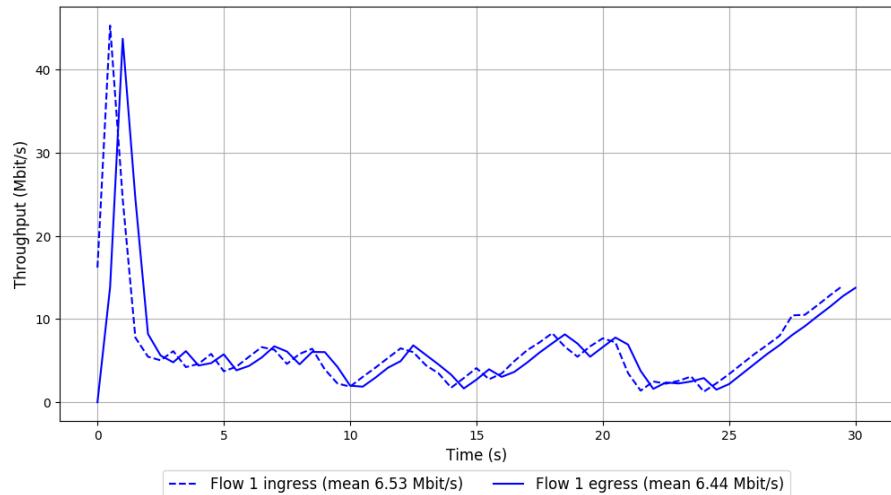


Run 5: Statistics of TCP Vegas

```
Start at: 2018-07-10 14:03:25
End at: 2018-07-10 14:03:55
Local clock offset: -0.429 ms
Remote clock offset: 4.643 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.44 Mbit/s
95th percentile per-packet one-way delay: 42.056 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 6.44 Mbit/s
95th percentile per-packet one-way delay: 42.056 ms
Loss rate: 1.58%
```

Run 5: Report of TCP Vegas — Data Link

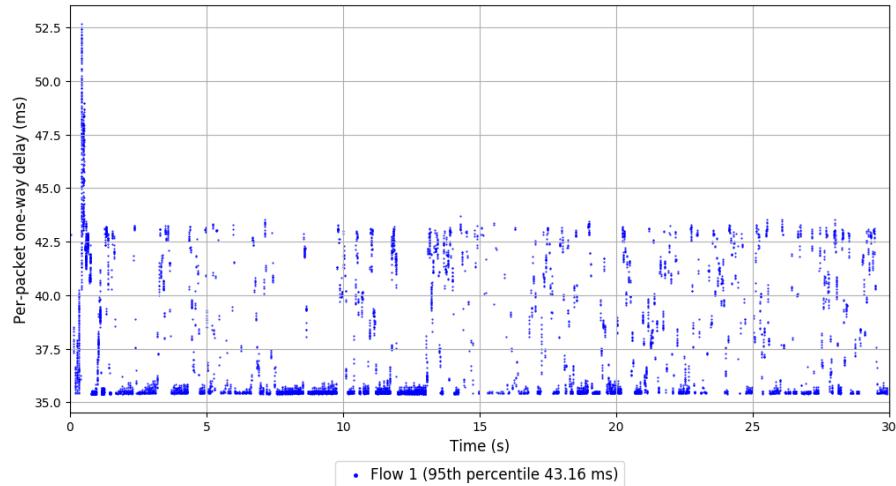
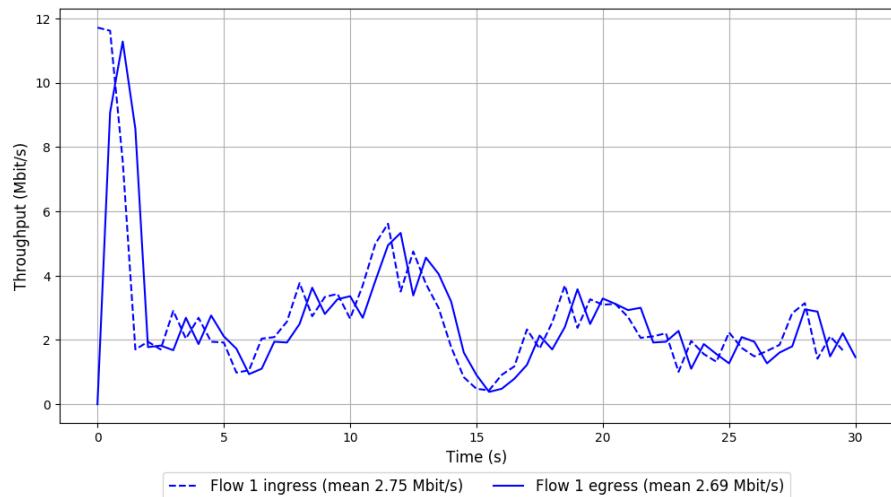


Run 6: Statistics of TCP Vegas

```
Start at: 2018-07-10 14:29:24
End at: 2018-07-10 14:29:54
Local clock offset: -0.471 ms
Remote clock offset: 6.341 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.69 Mbit/s
95th percentile per-packet one-way delay: 43.163 ms
Loss rate: 2.48%
-- Flow 1:
Average throughput: 2.69 Mbit/s
95th percentile per-packet one-way delay: 43.163 ms
Loss rate: 2.48%
```

Run 6: Report of TCP Vegas — Data Link

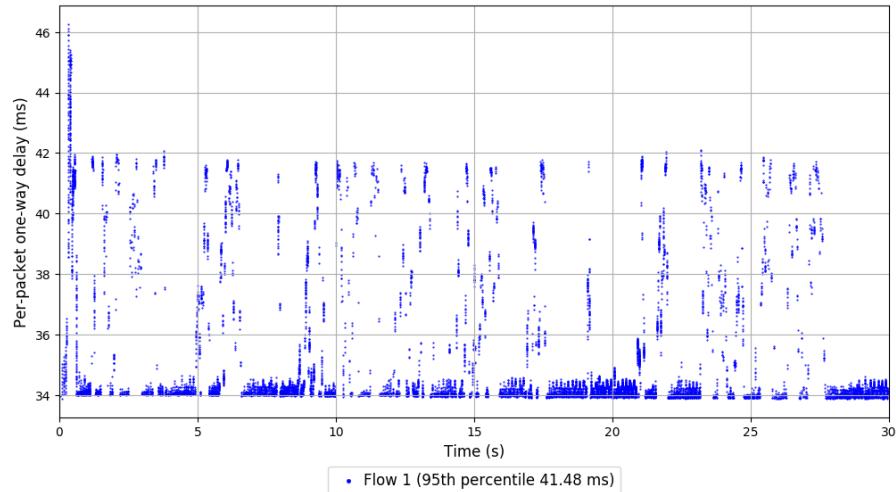
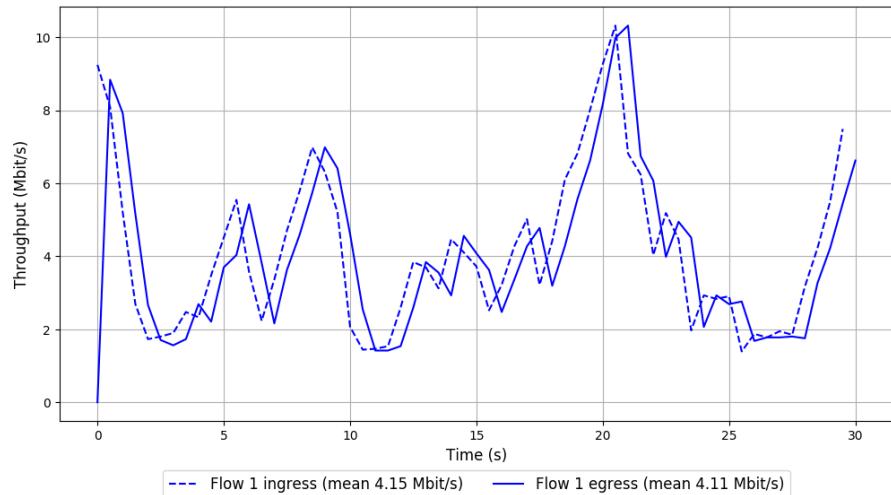


Run 7: Statistics of TCP Vegas

```
Start at: 2018-07-10 14:55:04
End at: 2018-07-10 14:55:34
Local clock offset: -0.437 ms
Remote clock offset: 0.804 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 41.483 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 41.483 ms
Loss rate: 1.31%
```

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

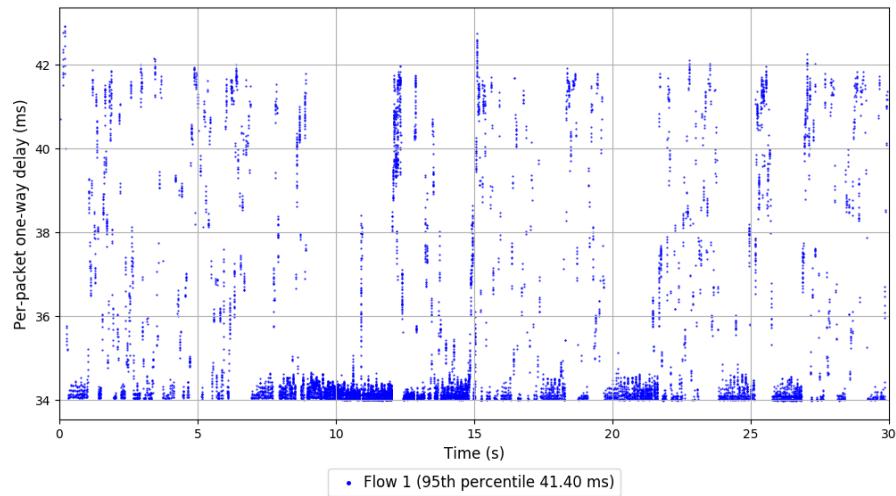
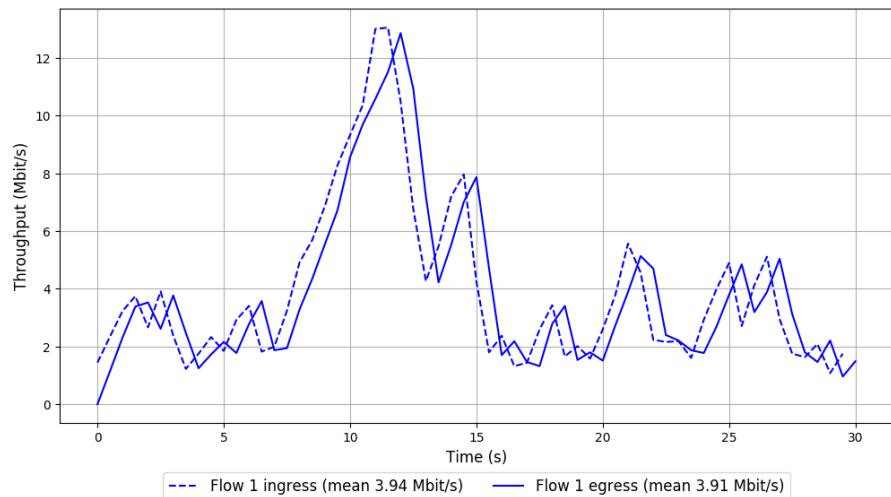


Run 8: Statistics of TCP Vegas

```
Start at: 2018-07-10 15:21:23
End at: 2018-07-10 15:21:53
Local clock offset: -0.339 ms
Remote clock offset: -3.647 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 41.396 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 41.396 ms
Loss rate: 0.97%
```

Run 8: Report of TCP Vegas — Data Link

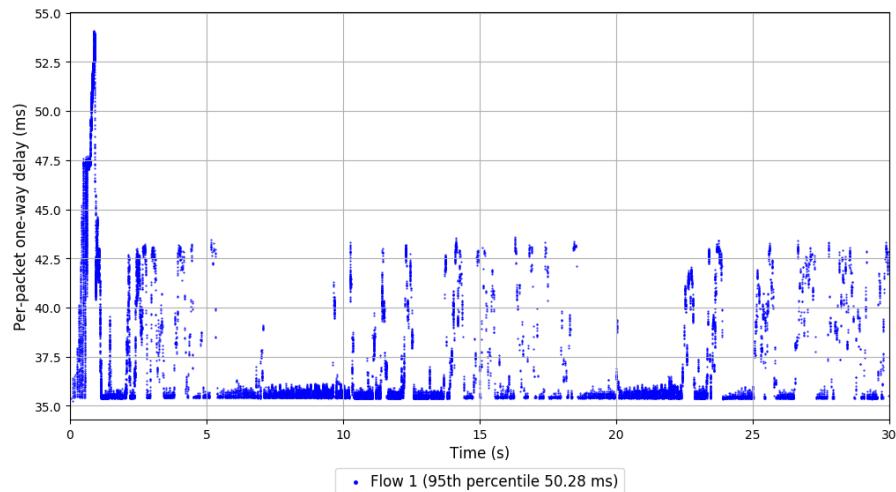
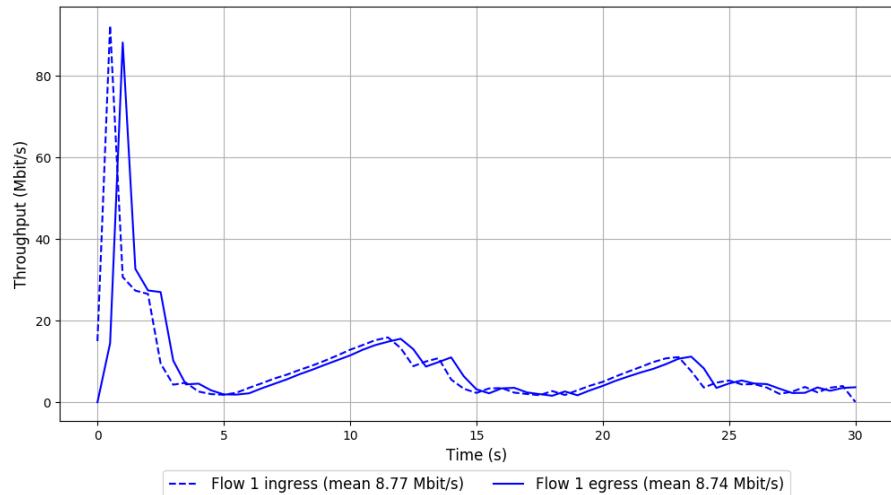


Run 9: Statistics of TCP Vegas

```
Start at: 2018-07-10 15:47:16
End at: 2018-07-10 15:47:46
Local clock offset: -0.053 ms
Remote clock offset: -6.531 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.74 Mbit/s
95th percentile per-packet one-way delay: 50.282 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 8.74 Mbit/s
95th percentile per-packet one-way delay: 50.282 ms
Loss rate: 0.57%
```

Run 9: Report of TCP Vegas — Data Link

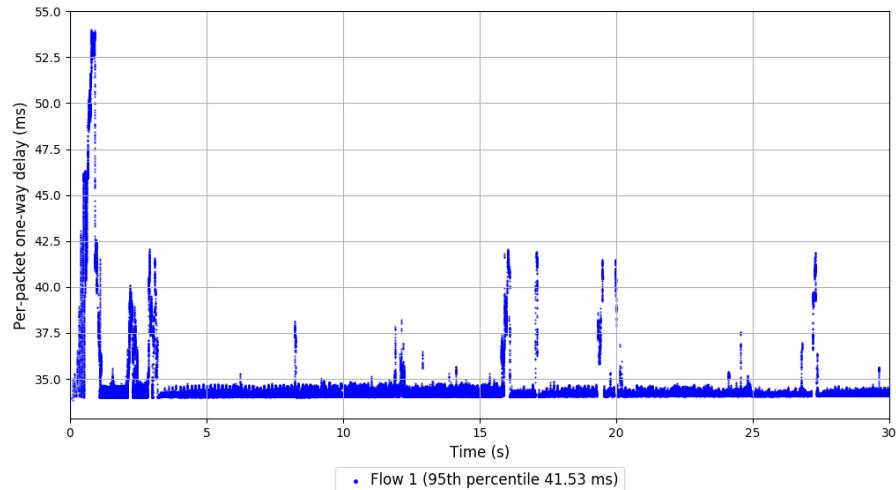
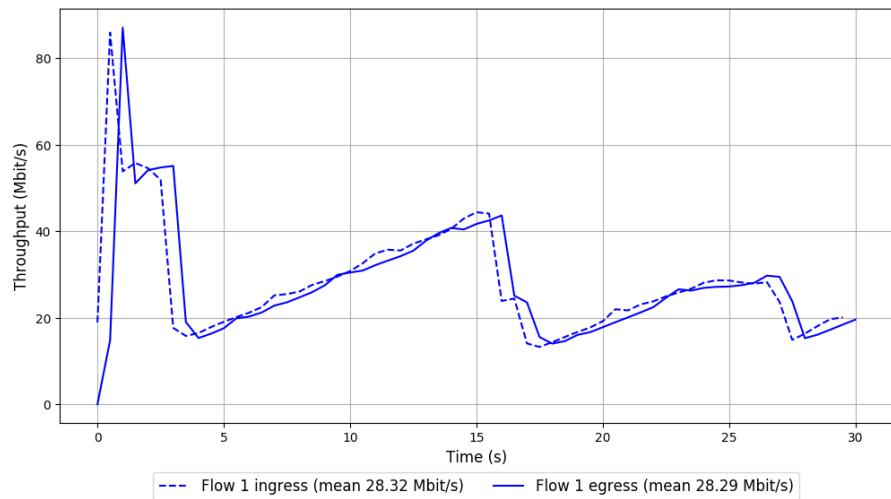


Run 10: Statistics of TCP Vegas

```
Start at: 2018-07-10 16:10:54
End at: 2018-07-10 16:11:24
Local clock offset: 0.179 ms
Remote clock offset: 3.294 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.29 Mbit/s
95th percentile per-packet one-way delay: 41.531 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 28.29 Mbit/s
95th percentile per-packet one-way delay: 41.531 ms
Loss rate: 0.32%
```

Run 10: Report of TCP Vegas — Data Link

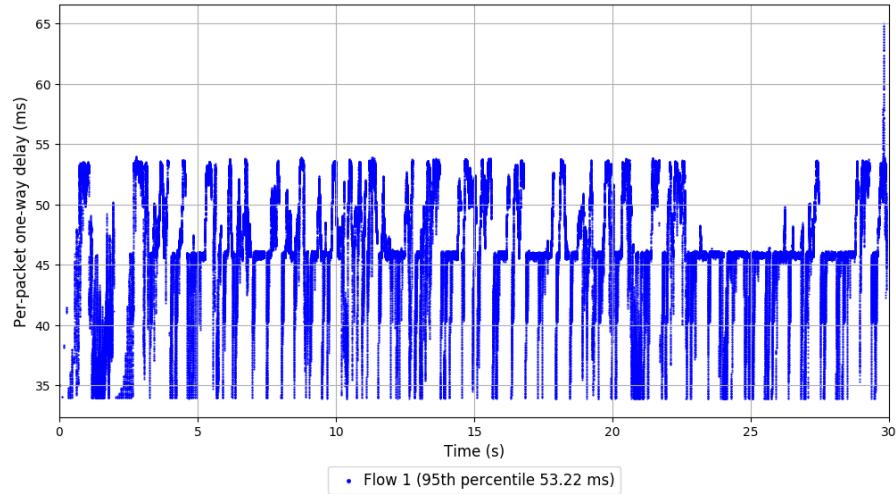
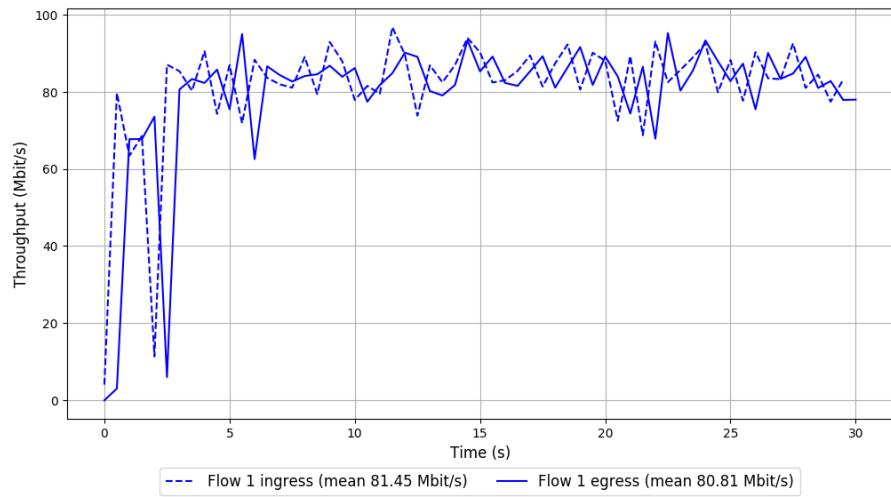


Run 1: Statistics of Verus

```
Start at: 2018-07-10 12:35:33
End at: 2018-07-10 12:36:03
Local clock offset: -0.065 ms
Remote clock offset: 1.029 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.81 Mbit/s
95th percentile per-packet one-way delay: 53.216 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 80.81 Mbit/s
95th percentile per-packet one-way delay: 53.216 ms
Loss rate: 1.06%
```

### Run 1: Report of Verus — Data Link

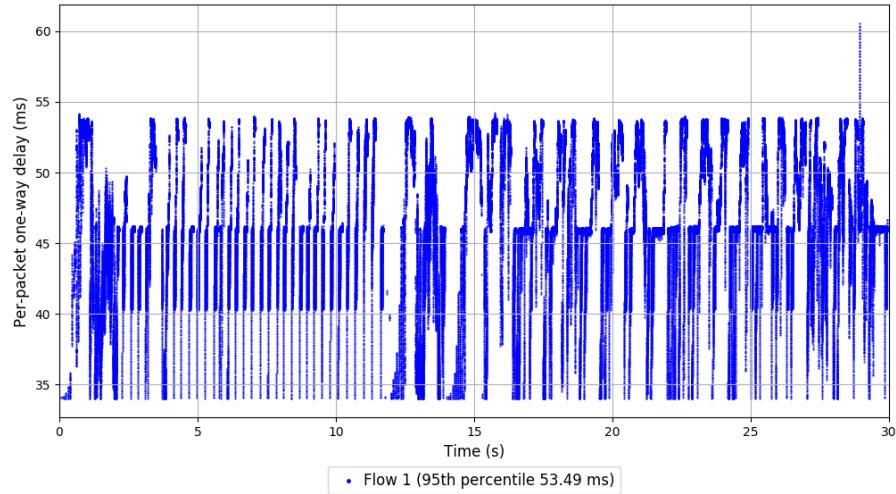
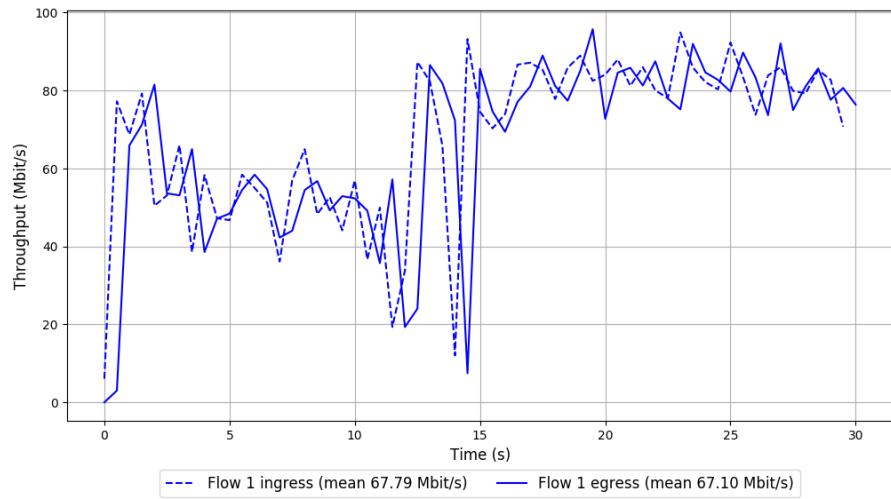


Run 2: Statistics of Verus

```
Start at: 2018-07-10 12:59:21
End at: 2018-07-10 12:59:51
Local clock offset: -0.046 ms
Remote clock offset: 0.252 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.10 Mbit/s
95th percentile per-packet one-way delay: 53.494 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 67.10 Mbit/s
95th percentile per-packet one-way delay: 53.494 ms
Loss rate: 1.27%
```

## Run 2: Report of Verus — Data Link

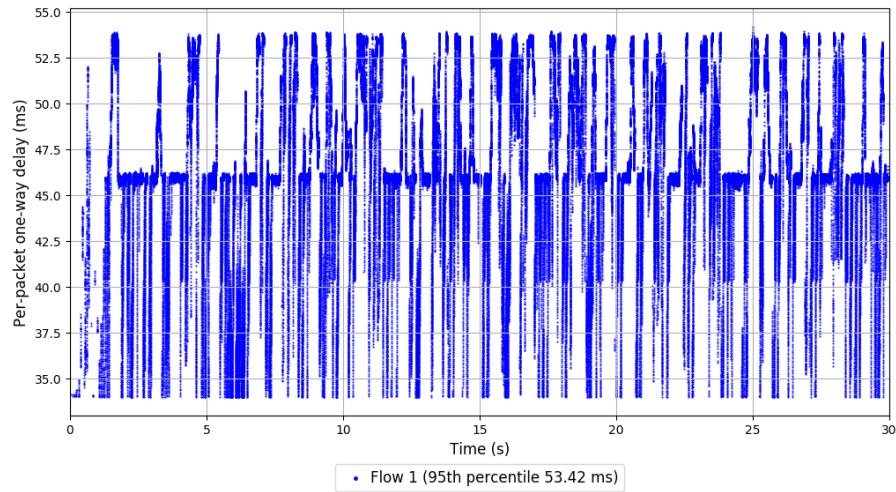
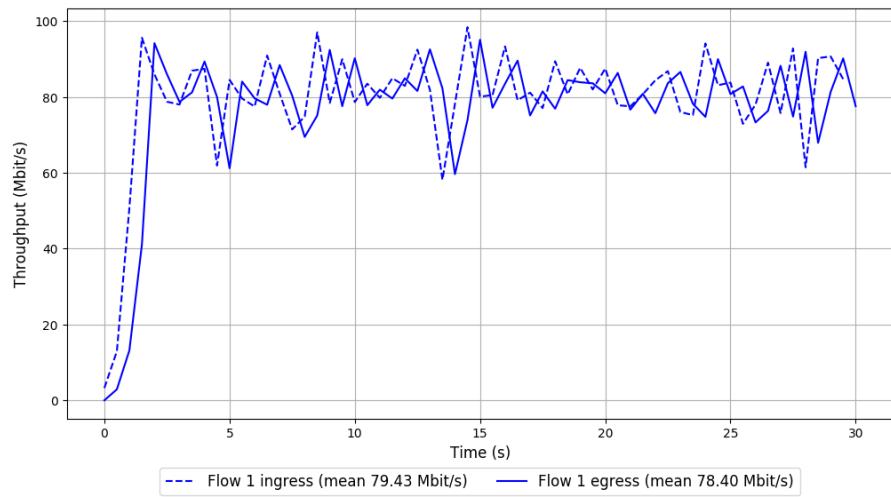


Run 3: Statistics of Verus

```
Start at: 2018-07-10 13:23:44
End at: 2018-07-10 13:24:14
Local clock offset: -0.027 ms
Remote clock offset: 0.432 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.40 Mbit/s
95th percentile per-packet one-way delay: 53.416 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 78.40 Mbit/s
95th percentile per-packet one-way delay: 53.416 ms
Loss rate: 1.52%
```

Run 3: Report of Verus — Data Link

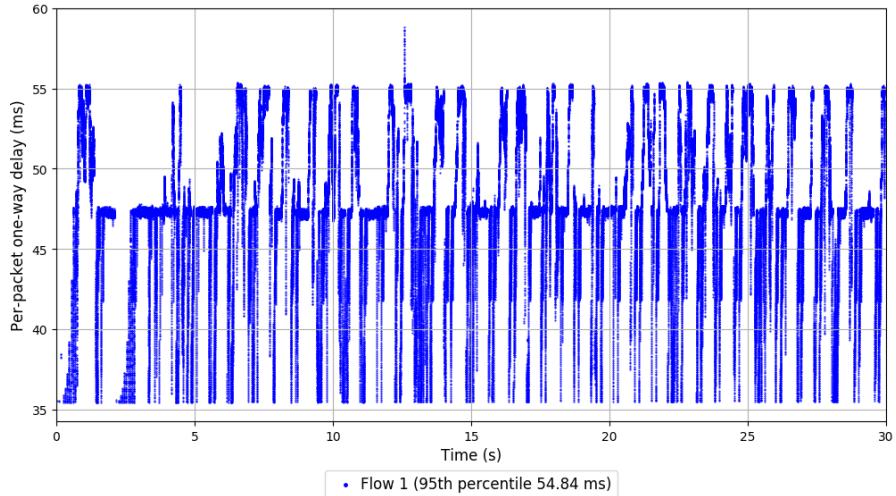
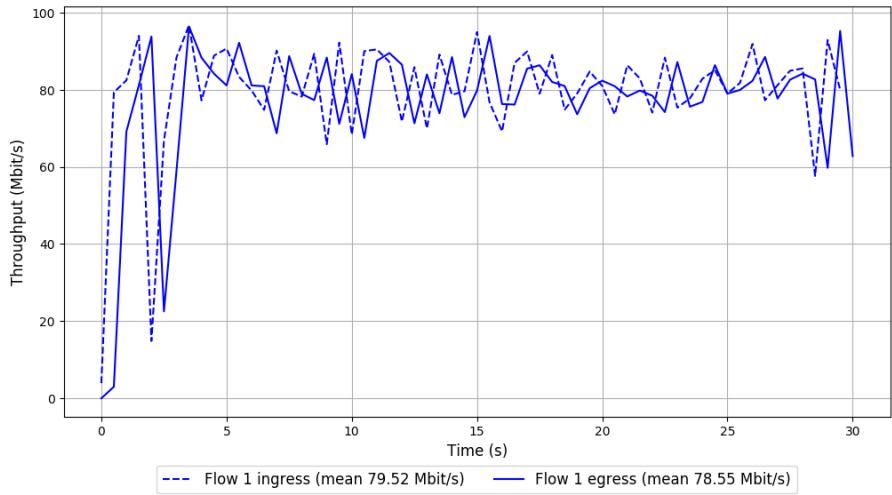


Run 4: Statistics of Verus

```
Start at: 2018-07-10 13:47:41
End at: 2018-07-10 13:48:11
Local clock offset: -0.339 ms
Remote clock offset: 2.926 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.55 Mbit/s
95th percentile per-packet one-way delay: 54.839 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 78.55 Mbit/s
95th percentile per-packet one-way delay: 54.839 ms
Loss rate: 1.47%
```

### Run 4: Report of Verus — Data Link

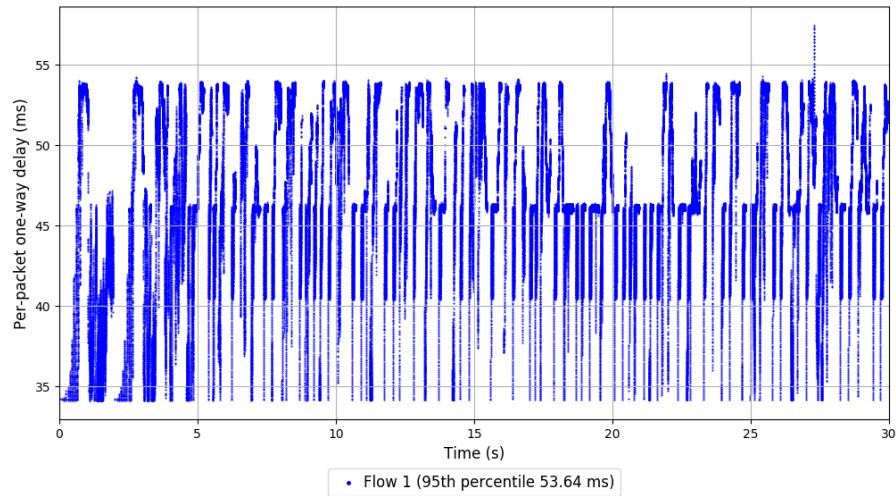
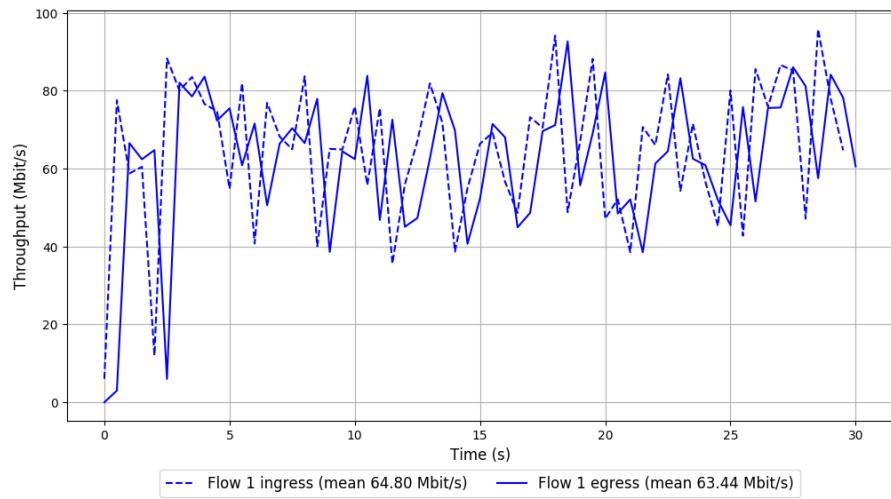


Run 5: Statistics of Verus

```
Start at: 2018-07-10 14:12:54
End at: 2018-07-10 14:13:24
Local clock offset: -0.556 ms
Remote clock offset: 5.393 ms

# Below is generated by plot.py at 2018-07-10 16:40:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.44 Mbit/s
95th percentile per-packet one-way delay: 53.640 ms
Loss rate: 2.26%
-- Flow 1:
Average throughput: 63.44 Mbit/s
95th percentile per-packet one-way delay: 53.640 ms
Loss rate: 2.26%
```

### Run 5: Report of Verus — Data Link

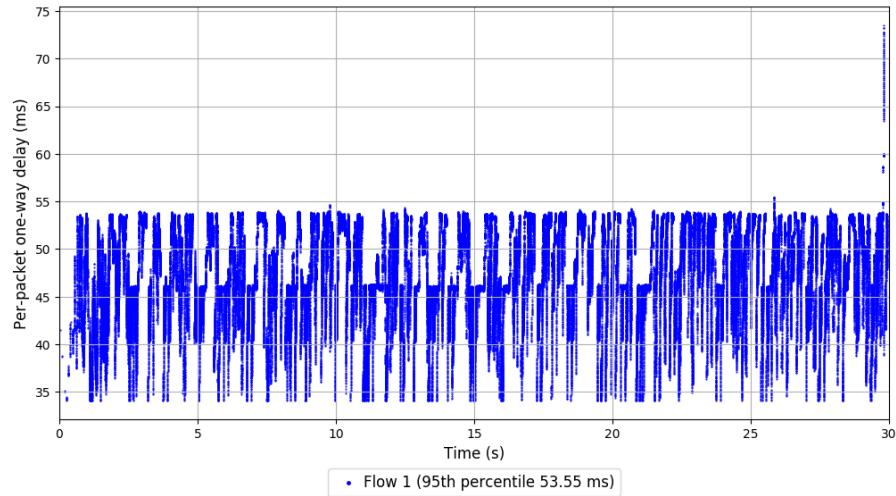
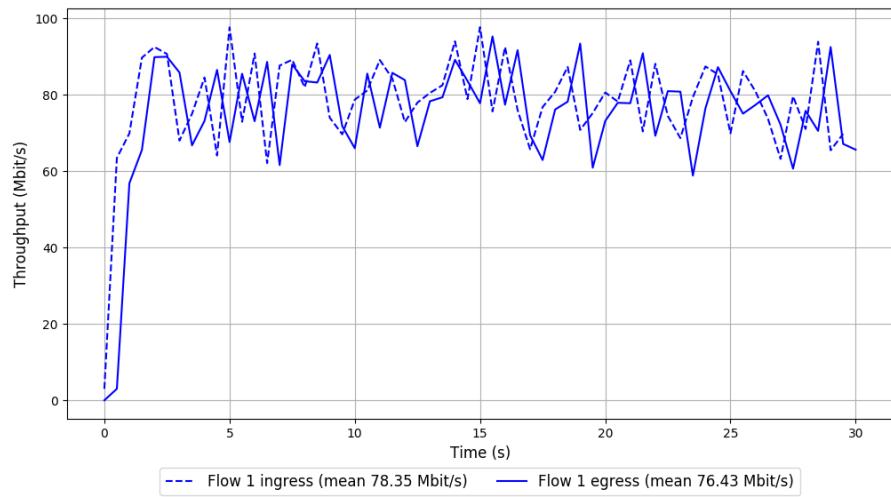


Run 6: Statistics of Verus

```
Start at: 2018-07-10 14:39:06
End at: 2018-07-10 14:39:36
Local clock offset: -0.475 ms
Remote clock offset: 6.399 ms

# Below is generated by plot.py at 2018-07-10 16:40:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.43 Mbit/s
95th percentile per-packet one-way delay: 53.550 ms
Loss rate: 2.55%
-- Flow 1:
Average throughput: 76.43 Mbit/s
95th percentile per-packet one-way delay: 53.550 ms
Loss rate: 2.55%
```

Run 6: Report of Verus — Data Link

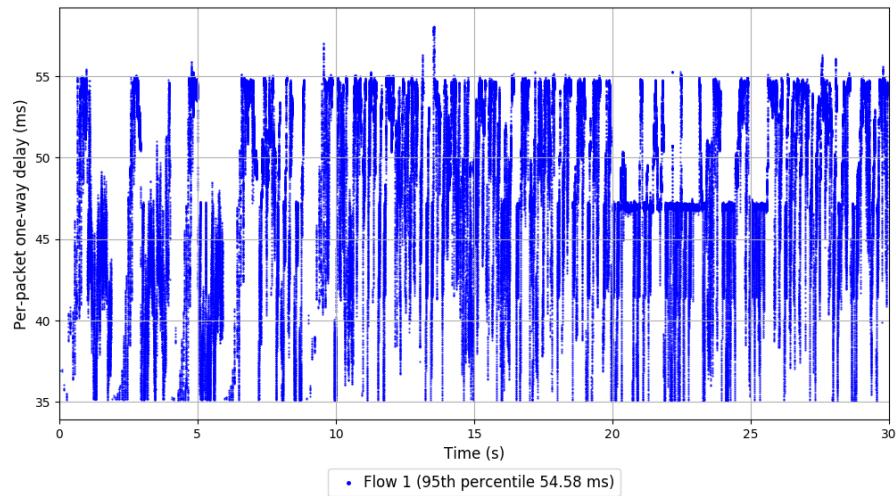
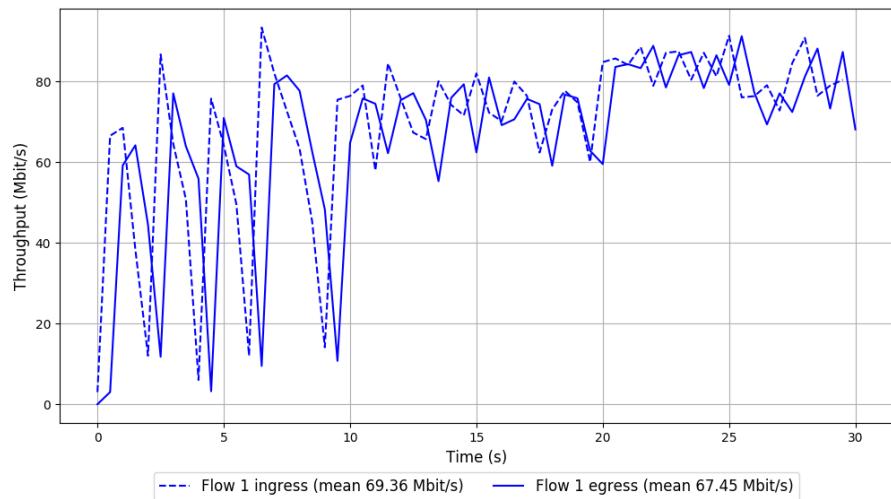


Run 7: Statistics of Verus

```
Start at: 2018-07-10 15:04:34
End at: 2018-07-10 15:05:04
Local clock offset: -0.558 ms
Remote clock offset: -1.23 ms

# Below is generated by plot.py at 2018-07-10 16:40:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.45 Mbit/s
95th percentile per-packet one-way delay: 54.575 ms
Loss rate: 2.86%
-- Flow 1:
Average throughput: 67.45 Mbit/s
95th percentile per-packet one-way delay: 54.575 ms
Loss rate: 2.86%
```

Run 7: Report of Verus — Data Link

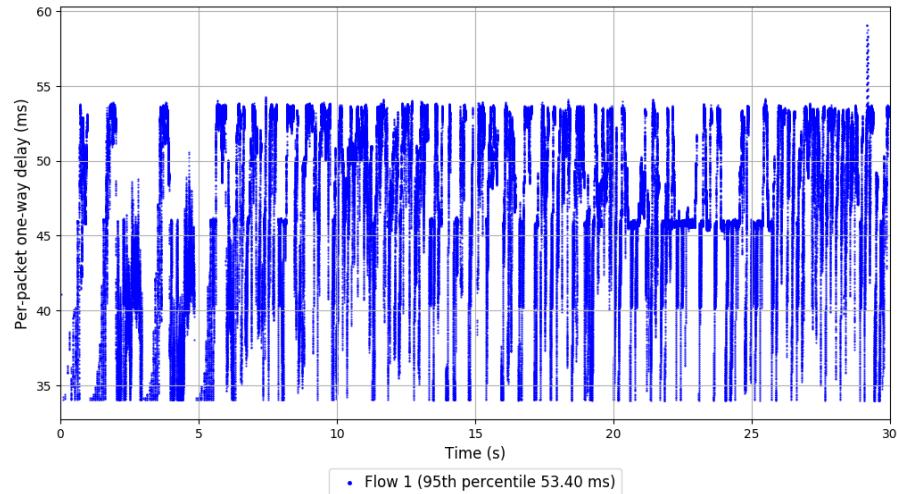
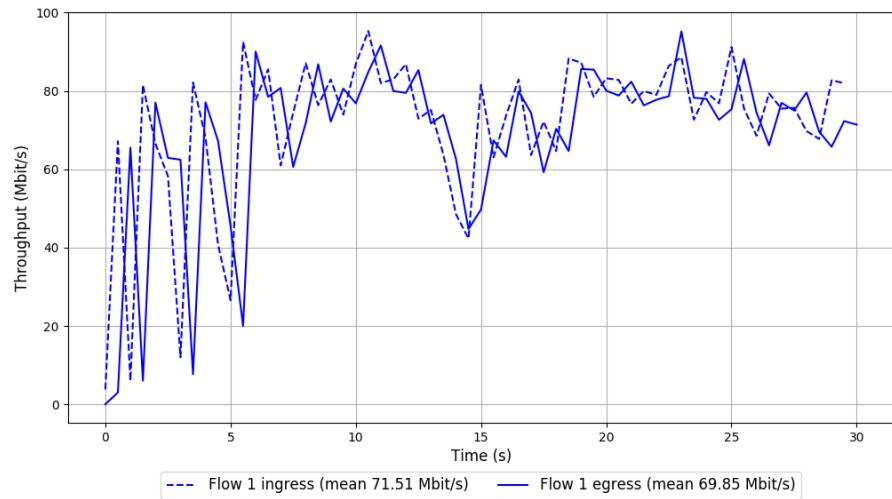


Run 8: Statistics of Verus

```
Start at: 2018-07-10 15:30:58
End at: 2018-07-10 15:31:28
Local clock offset: -0.26 ms
Remote clock offset: -4.764 ms

# Below is generated by plot.py at 2018-07-10 16:40:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.85 Mbit/s
95th percentile per-packet one-way delay: 53.403 ms
Loss rate: 2.59%
-- Flow 1:
Average throughput: 69.85 Mbit/s
95th percentile per-packet one-way delay: 53.403 ms
Loss rate: 2.59%
```

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

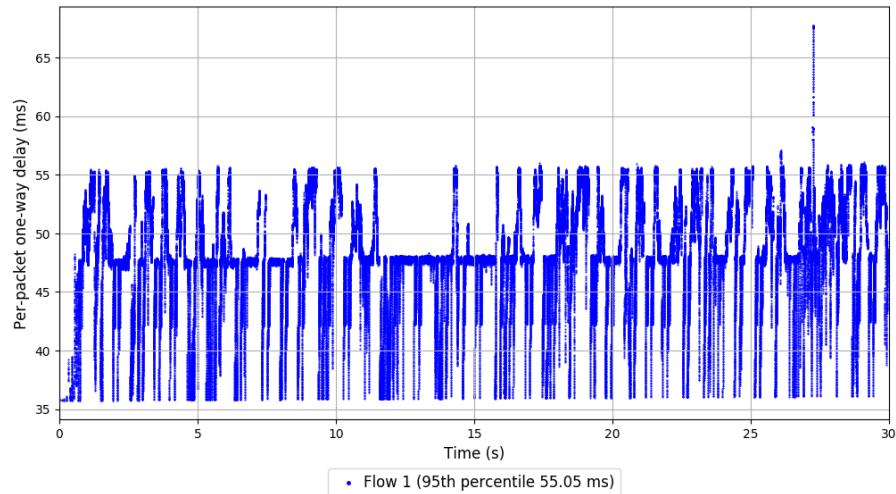
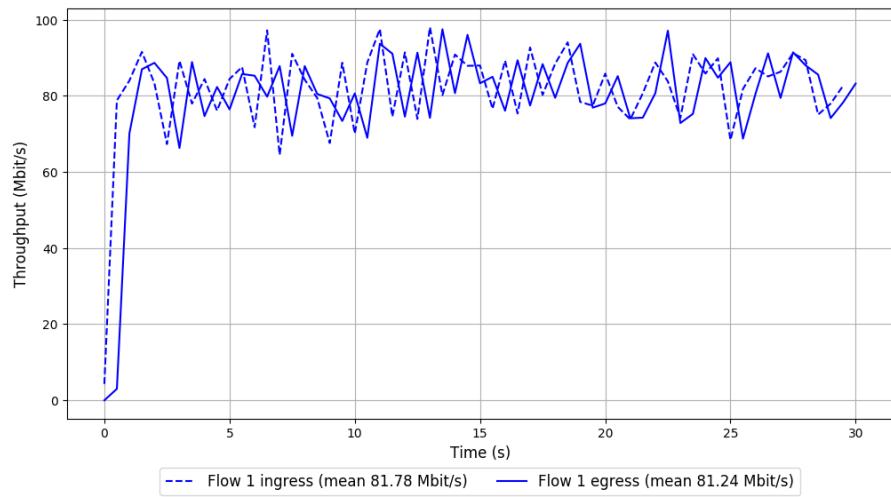


Run 9: Statistics of Verus

```
Start at: 2018-07-10 15:55:55
End at: 2018-07-10 15:56:25
Local clock offset: 0.129 ms
Remote clock offset: -3.151 ms

# Below is generated by plot.py at 2018-07-10 16:40:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.24 Mbit/s
95th percentile per-packet one-way delay: 55.047 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 81.24 Mbit/s
95th percentile per-packet one-way delay: 55.047 ms
Loss rate: 0.88%
```

Run 9: Report of Verus — Data Link

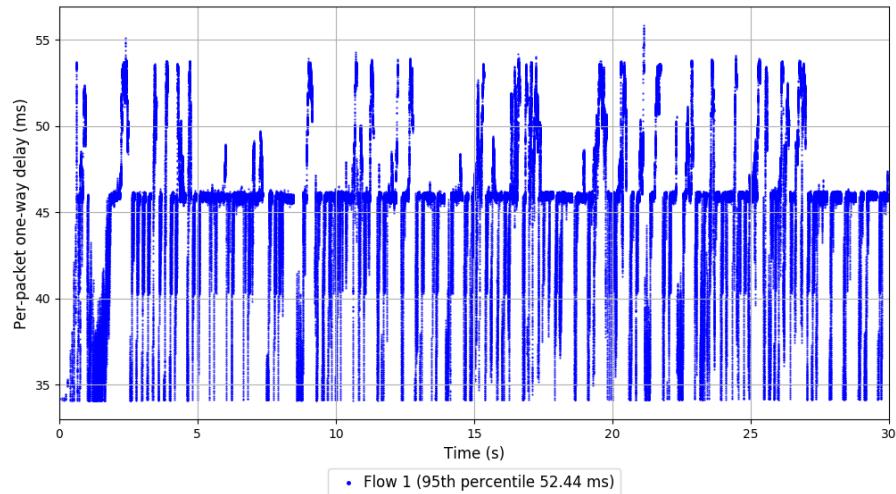
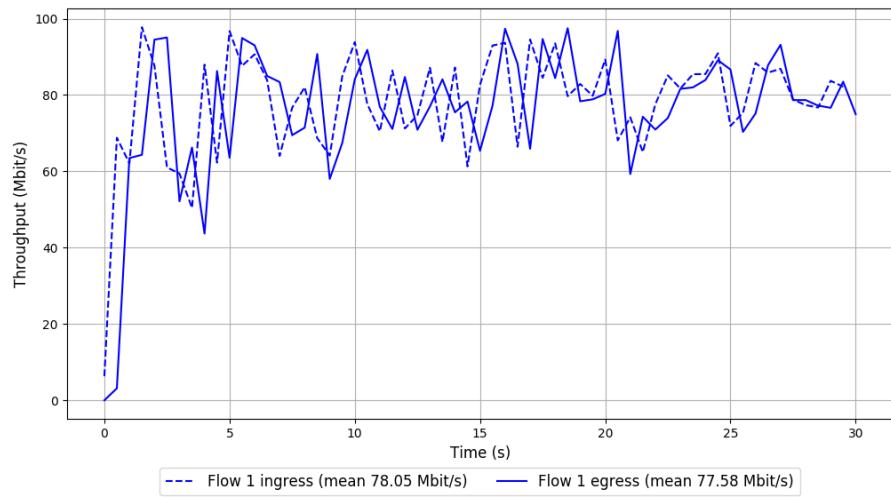


Run 10: Statistics of Verus

```
Start at: 2018-07-10 16:19:30
End at: 2018-07-10 16:20:00
Local clock offset: 0.268 ms
Remote clock offset: 4.696 ms

# Below is generated by plot.py at 2018-07-10 16:40:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.58 Mbit/s
95th percentile per-packet one-way delay: 52.440 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 77.58 Mbit/s
95th percentile per-packet one-way delay: 52.440 ms
Loss rate: 0.82%
```

Run 10: Report of Verus — Data Link

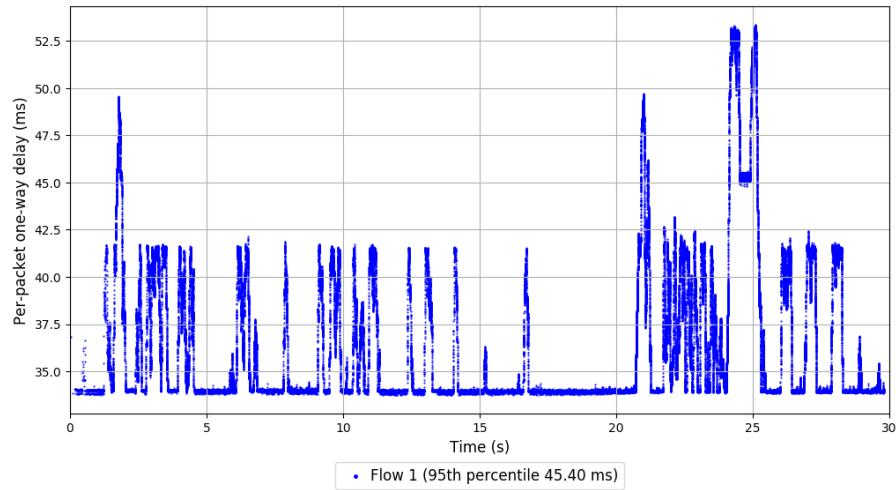
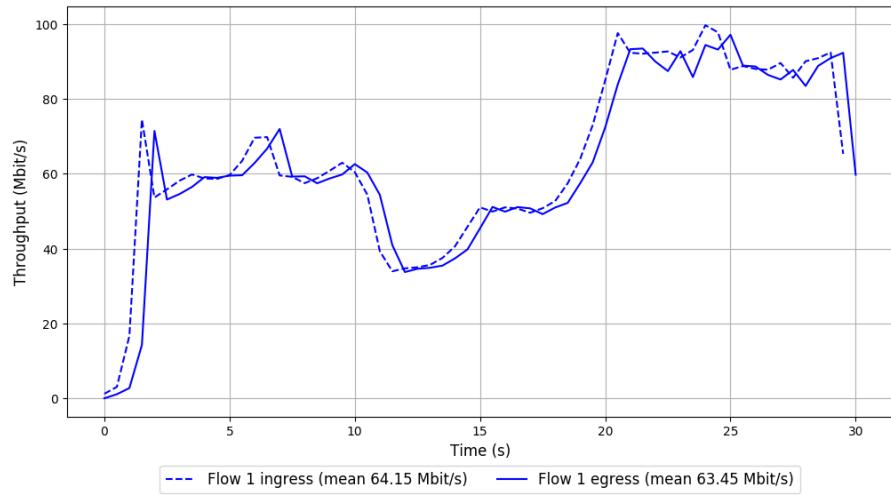


Run 1: Statistics of PCC-Vivace

```
Start at: 2018-07-10 12:38:35
End at: 2018-07-10 12:39:05
Local clock offset: -0.082 ms
Remote clock offset: 0.684 ms

# Below is generated by plot.py at 2018-07-10 16:40:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.45 Mbit/s
95th percentile per-packet one-way delay: 45.395 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 63.45 Mbit/s
95th percentile per-packet one-way delay: 45.395 ms
Loss rate: 1.33%
```

Run 1: Report of PCC-Vivace — Data Link

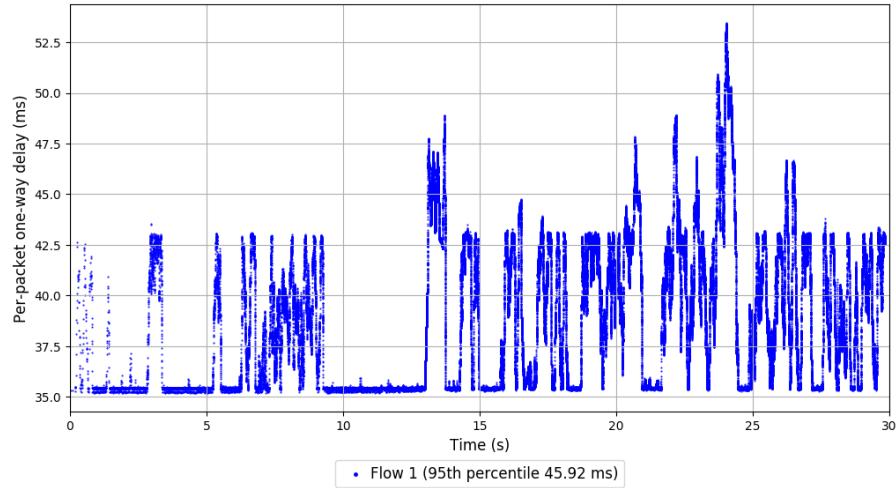
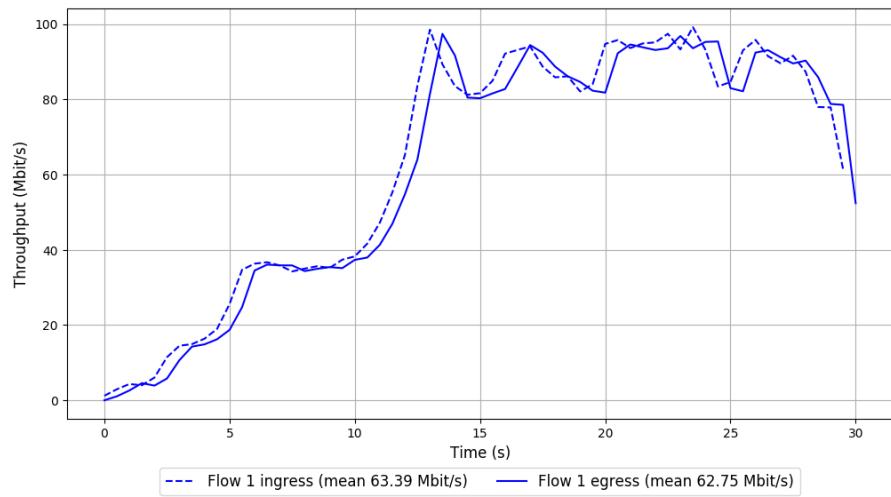


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-07-10 13:02:37
End at: 2018-07-10 13:03:07
Local clock offset: -0.054 ms
Remote clock offset: 0.218 ms

# Below is generated by plot.py at 2018-07-10 16:41:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.75 Mbit/s
95th percentile per-packet one-way delay: 45.921 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 62.75 Mbit/s
95th percentile per-packet one-way delay: 45.921 ms
Loss rate: 1.24%
```

Run 2: Report of PCC-Vivace — Data Link

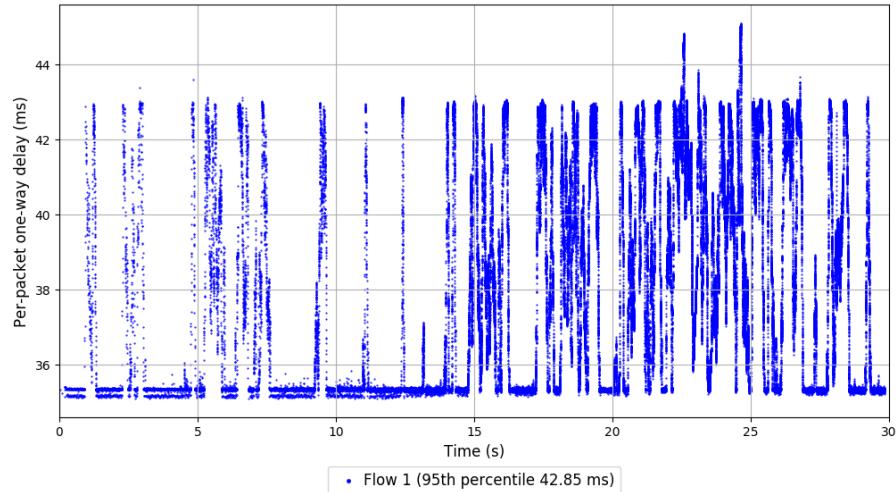
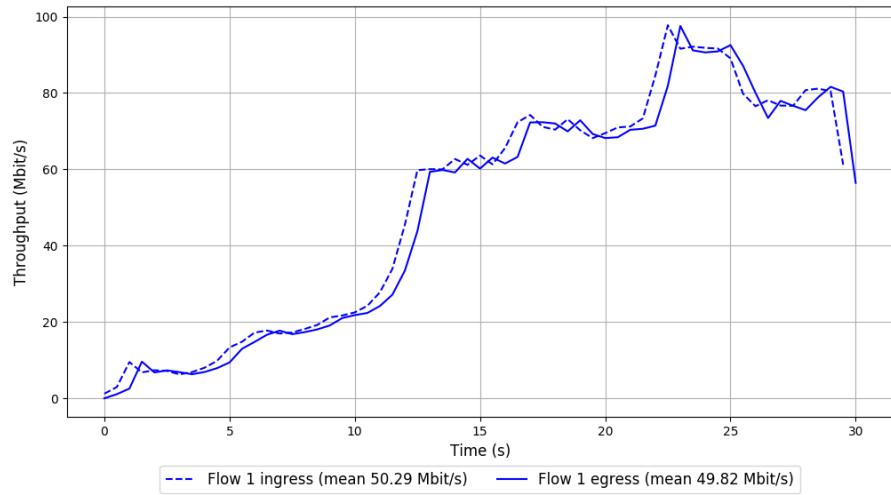


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-07-10 13:27:06
End at: 2018-07-10 13:27:36
Local clock offset: -0.125 ms
Remote clock offset: 0.354 ms

# Below is generated by plot.py at 2018-07-10 16:41:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.82 Mbit/s
95th percentile per-packet one-way delay: 42.846 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 49.82 Mbit/s
95th percentile per-packet one-way delay: 42.846 ms
Loss rate: 1.16%
```

Run 3: Report of PCC-Vivace — Data Link

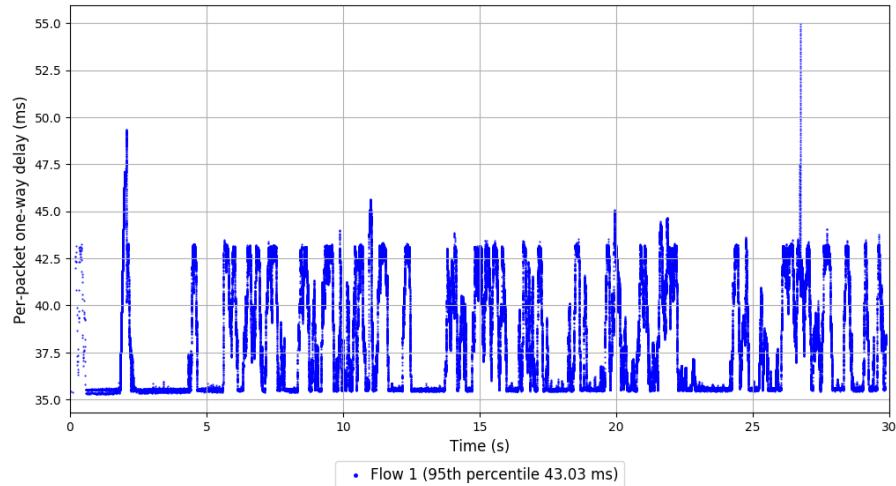
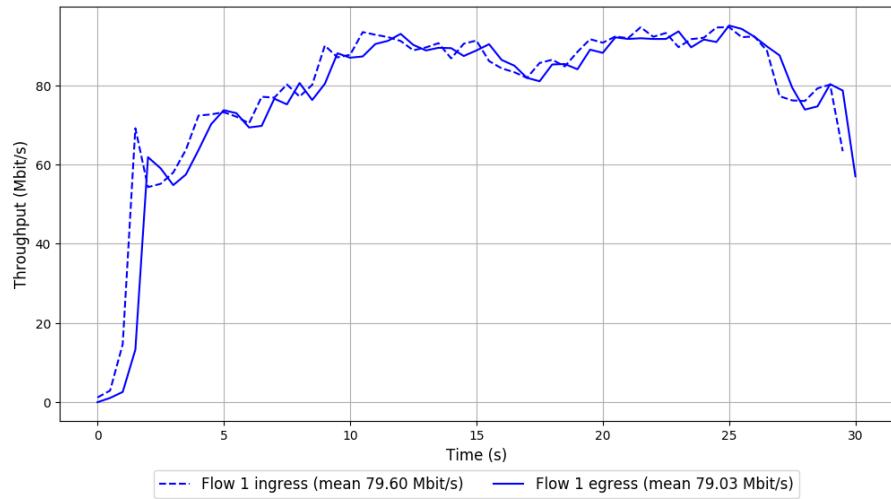


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-07-10 13:50:37
End at: 2018-07-10 13:51:07
Local clock offset: -0.323 ms
Remote clock offset: 3.284 ms

# Below is generated by plot.py at 2018-07-10 16:41:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.03 Mbit/s
95th percentile per-packet one-way delay: 43.030 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 79.03 Mbit/s
95th percentile per-packet one-way delay: 43.030 ms
Loss rate: 0.94%
```

Run 4: Report of PCC-Vivace — Data Link

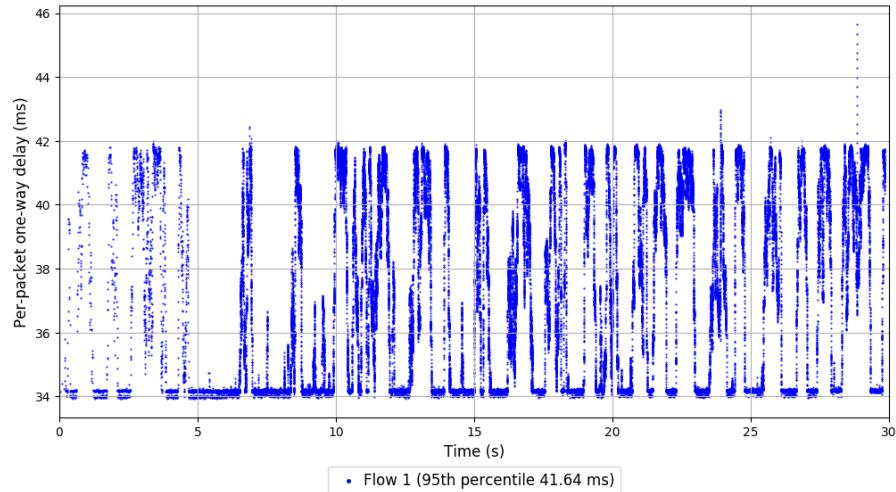
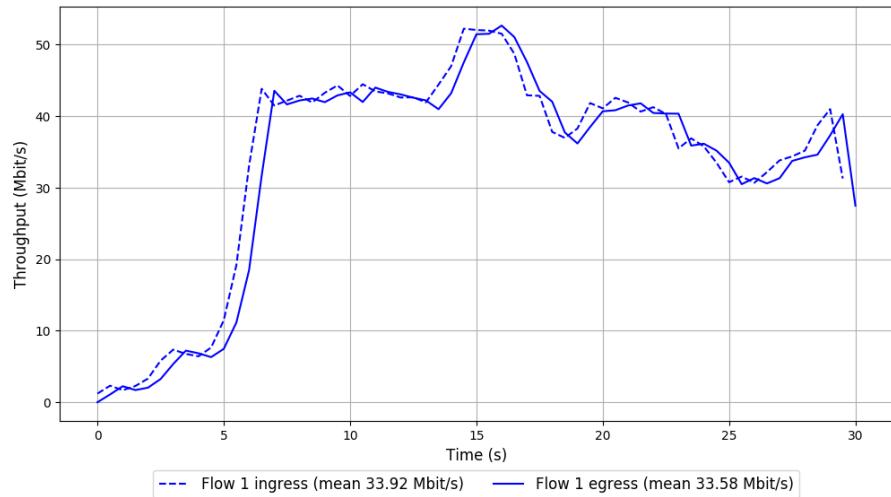


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-07-10 14:16:37
End at: 2018-07-10 14:17:07
Local clock offset: -0.472 ms
Remote clock offset: 5.641 ms

# Below is generated by plot.py at 2018-07-10 16:41:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.58 Mbit/s
95th percentile per-packet one-way delay: 41.637 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 33.58 Mbit/s
95th percentile per-packet one-way delay: 41.637 ms
Loss rate: 1.23%
```

Run 5: Report of PCC-Vivace — Data Link

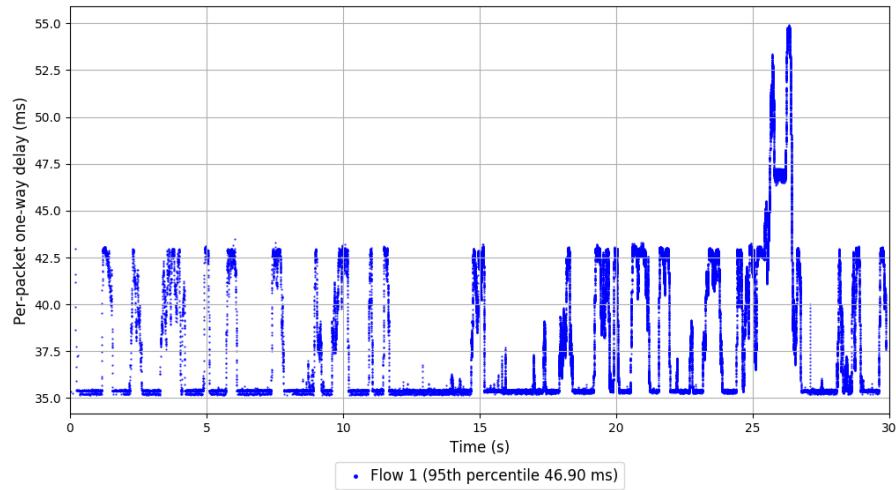
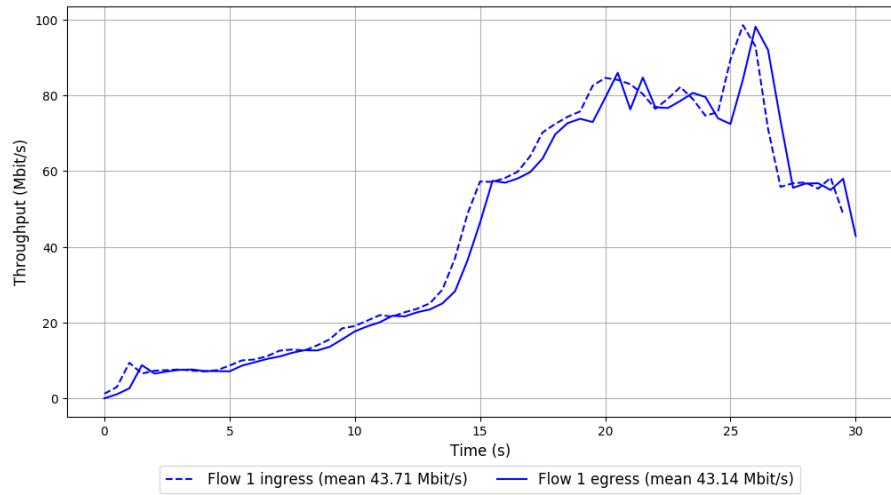


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-07-10 14:42:33
End at: 2018-07-10 14:43:03
Local clock offset: -0.554 ms
Remote clock offset: 6.411 ms

# Below is generated by plot.py at 2018-07-10 16:41:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.14 Mbit/s
95th percentile per-packet one-way delay: 46.901 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 43.14 Mbit/s
95th percentile per-packet one-way delay: 46.901 ms
Loss rate: 1.55%
```

Run 6: Report of PCC-Vivace — Data Link

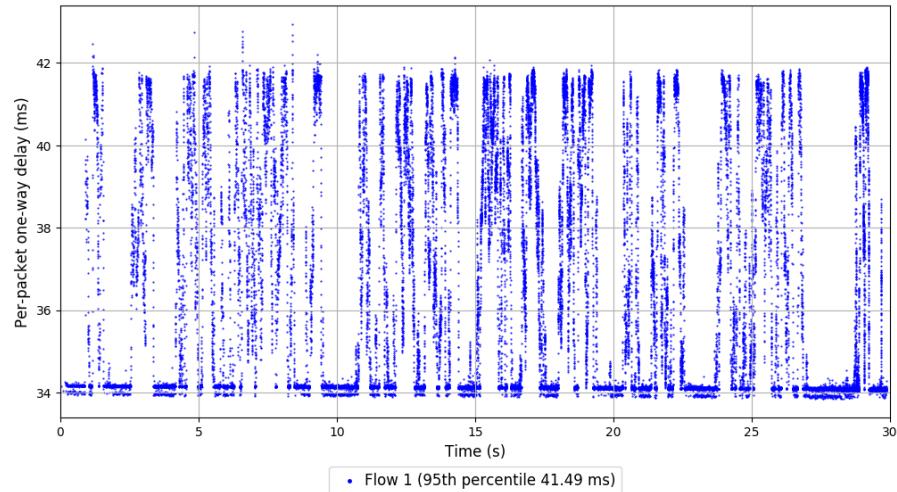
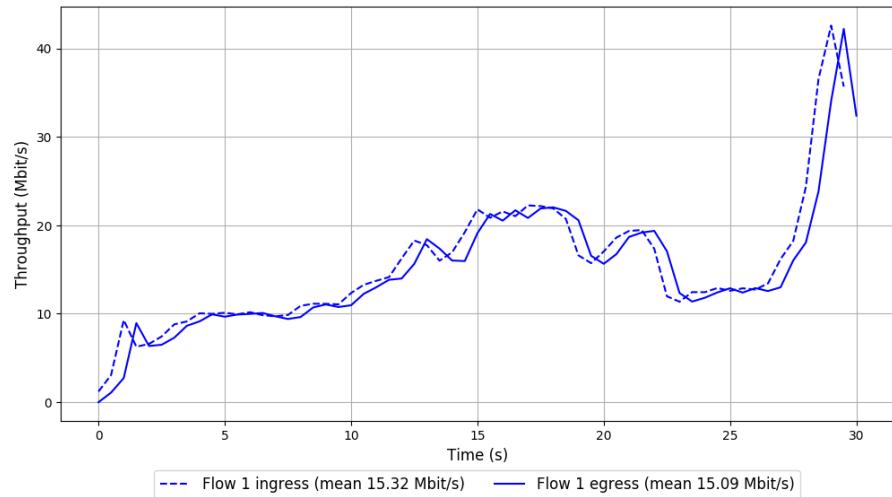


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-07-10 15:08:33
End at: 2018-07-10 15:09:03
Local clock offset: -0.438 ms
Remote clock offset: -2.066 ms

# Below is generated by plot.py at 2018-07-10 16:41:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.09 Mbit/s
95th percentile per-packet one-way delay: 41.488 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 15.09 Mbit/s
95th percentile per-packet one-way delay: 41.488 ms
Loss rate: 1.79%
```

Run 7: Report of PCC-Vivace — Data Link

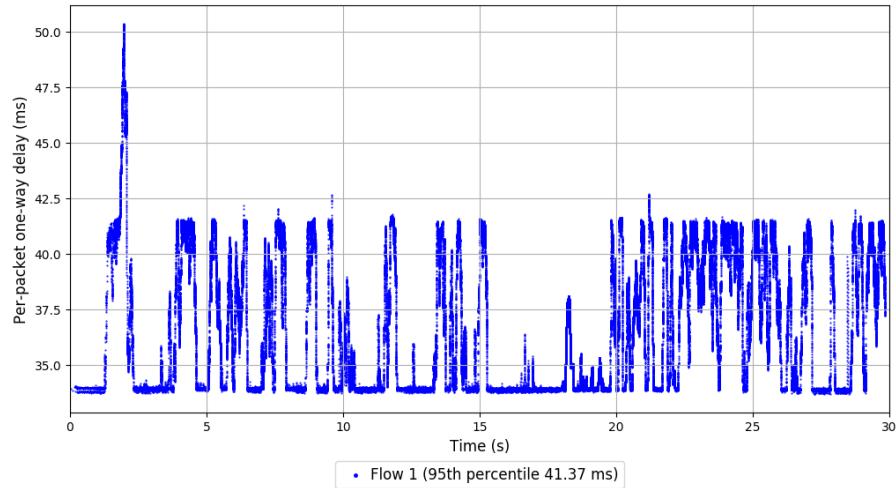
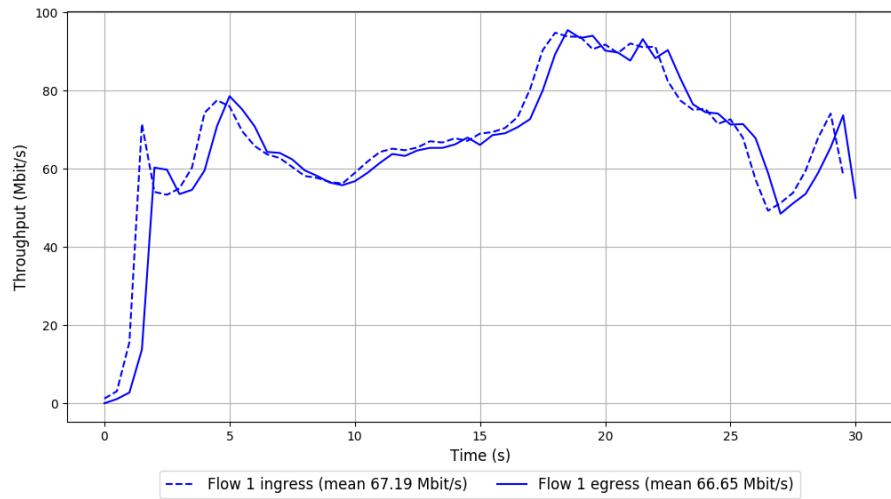


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-07-10 15:34:34
End at: 2018-07-10 15:35:04
Local clock offset: -0.224 ms
Remote clock offset: -5.131 ms

# Below is generated by plot.py at 2018-07-10 16:41:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.65 Mbit/s
95th percentile per-packet one-way delay: 41.370 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 66.65 Mbit/s
95th percentile per-packet one-way delay: 41.370 ms
Loss rate: 1.03%
```

Run 8: Report of PCC-Vivace — Data Link

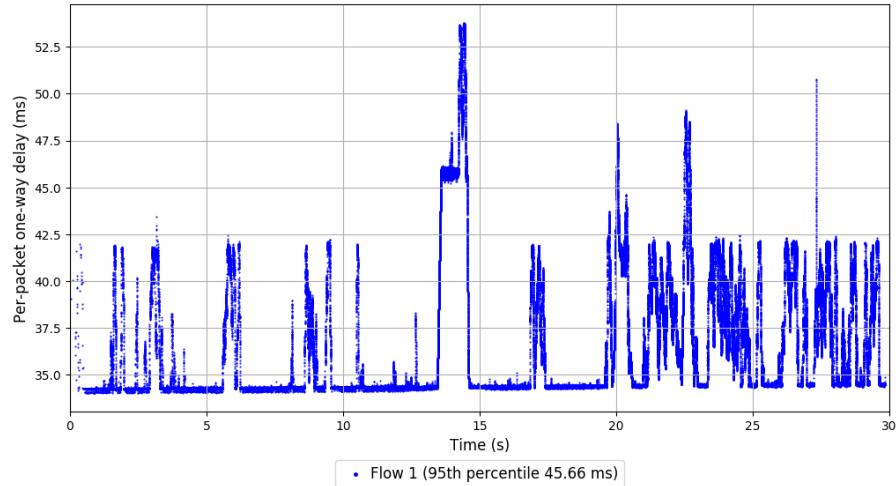
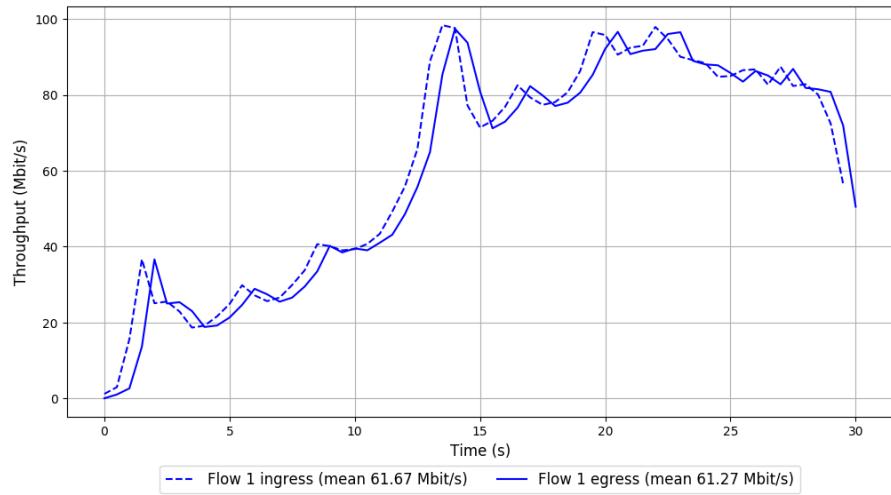


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-07-10 15:58:49
End at: 2018-07-10 15:59:19
Local clock offset: 0.163 ms
Remote clock offset: -1.051 ms

# Below is generated by plot.py at 2018-07-10 16:41:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.27 Mbit/s
95th percentile per-packet one-way delay: 45.662 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 61.27 Mbit/s
95th percentile per-packet one-way delay: 45.662 ms
Loss rate: 0.89%
```

Run 9: Report of PCC-Vivace — Data Link

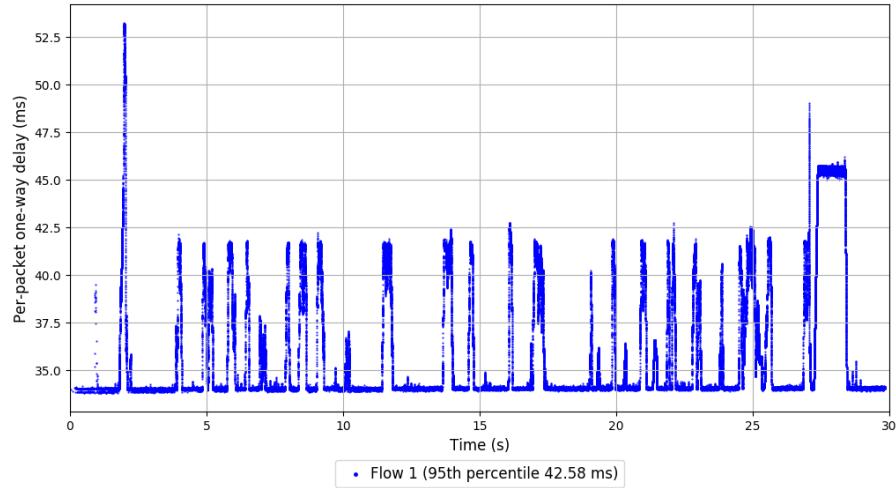
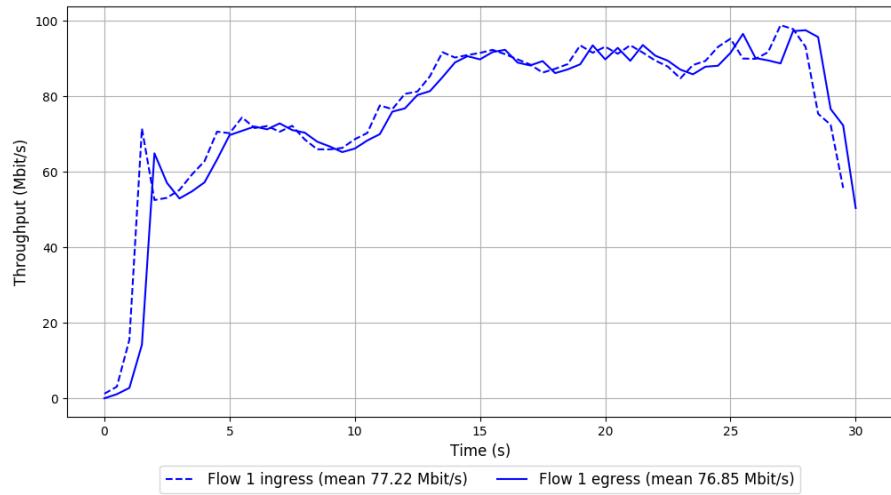


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-07-10 16:22:22
End at: 2018-07-10 16:22:52
Local clock offset: 0.26 ms
Remote clock offset: 5.118 ms

# Below is generated by plot.py at 2018-07-10 16:41:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.85 Mbit/s
95th percentile per-packet one-way delay: 42.583 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 76.85 Mbit/s
95th percentile per-packet one-way delay: 42.583 ms
Loss rate: 0.71%
```

Run 10: Report of PCC-Vivace — Data Link

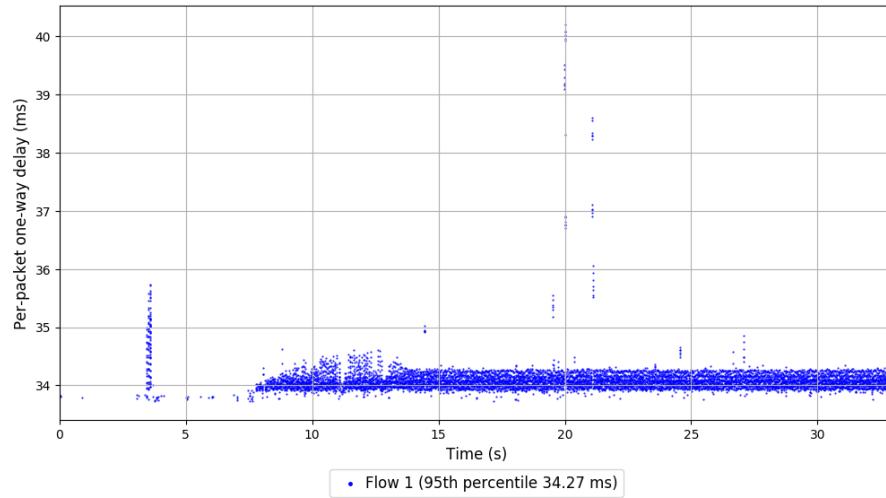
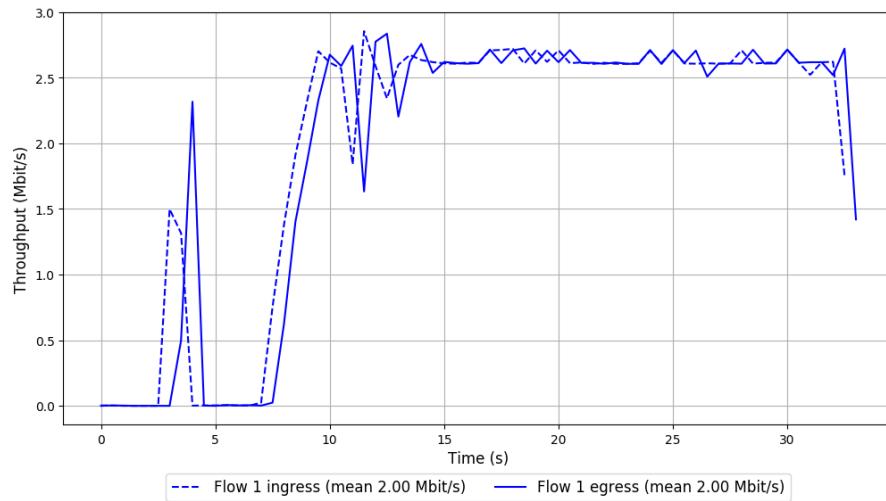


```
Run 1: Statistics of WebRTC media

Start at: 2018-07-10 12:19:13
End at: 2018-07-10 12:19:44
Local clock offset: -0.101 ms
Remote clock offset: 2.75 ms

# Below is generated by plot.py at 2018-07-10 16:41:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 34.275 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 34.275 ms
Loss rate: 0.33%
```

### Run 1: Report of WebRTC media — Data Link

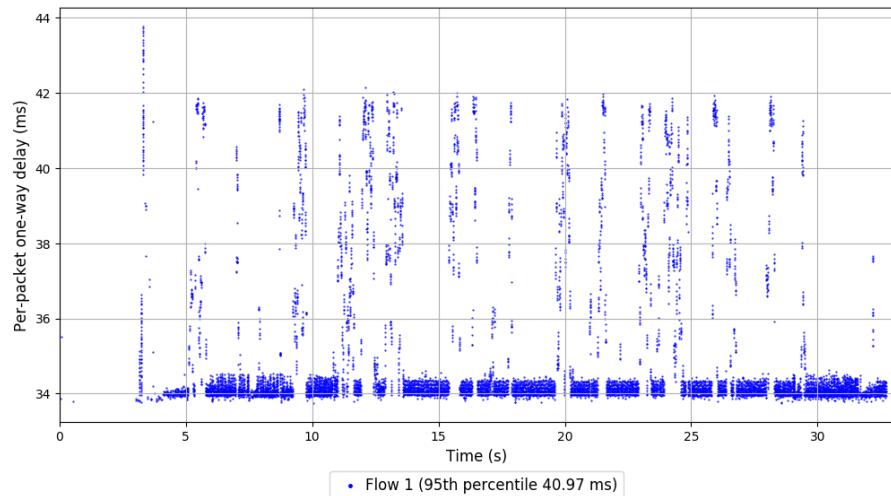
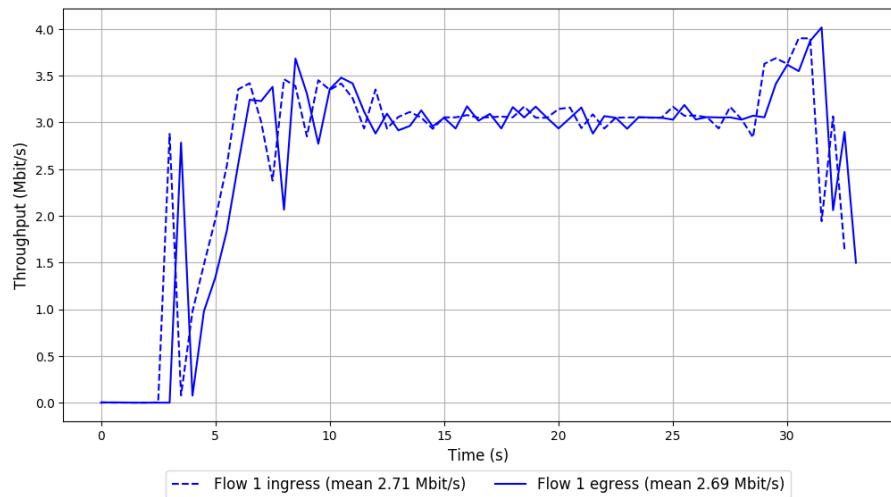


Run 2: Statistics of WebRTC media

```
Start at: 2018-07-10 12:42:44
End at: 2018-07-10 12:43:14
Local clock offset: -0.159 ms
Remote clock offset: 0.432 ms

# Below is generated by plot.py at 2018-07-10 16:41:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.69 Mbit/s
95th percentile per-packet one-way delay: 40.969 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 2.69 Mbit/s
95th percentile per-packet one-way delay: 40.969 ms
Loss rate: 0.92%
```

Run 2: Report of WebRTC media — Data Link

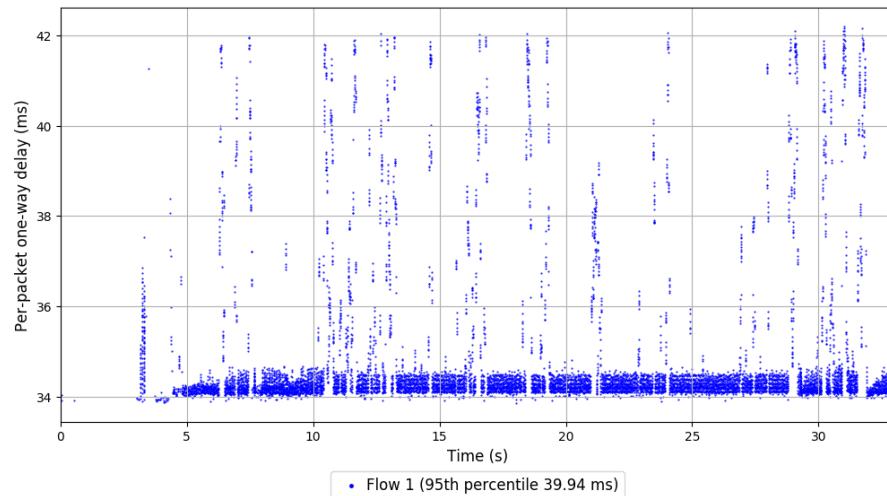
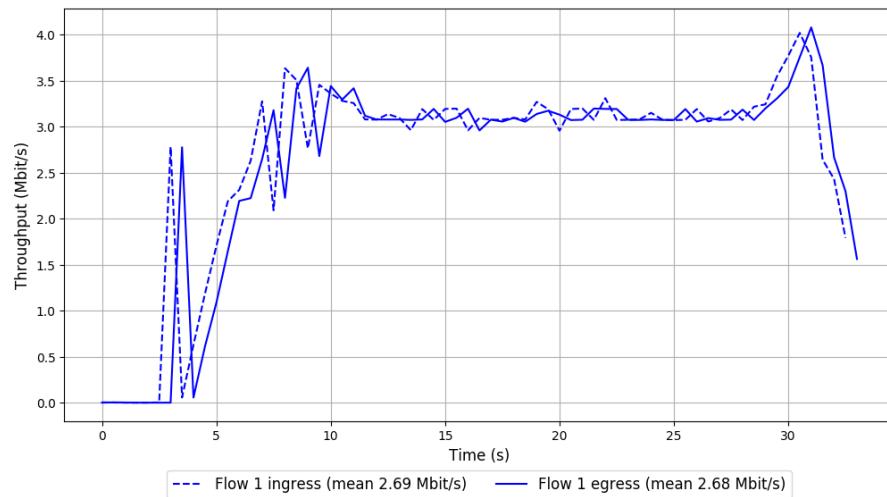


```
Run 3: Statistics of WebRTC media

Start at: 2018-07-10 13:06:53
End at: 2018-07-10 13:07:23
Local clock offset: -0.131 ms
Remote clock offset: 0.342 ms

# Below is generated by plot.py at 2018-07-10 16:41:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 39.938 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 39.938 ms
Loss rate: 0.70%
```

Run 3: Report of WebRTC media — Data Link

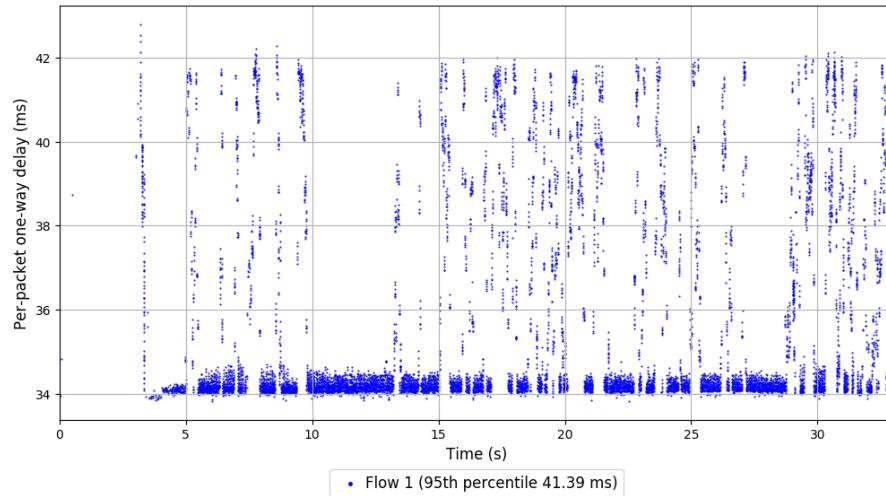
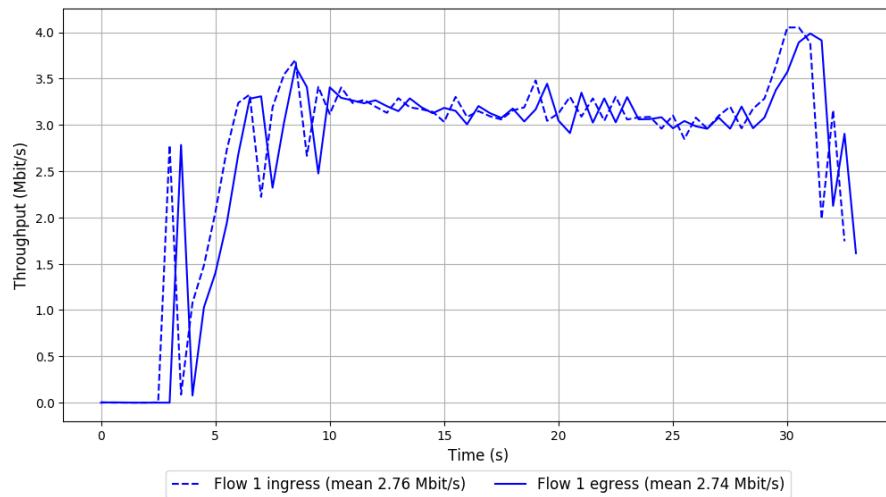


Run 4: Statistics of WebRTC media

```
Start at: 2018-07-10 13:31:14
End at: 2018-07-10 13:31:44
Local clock offset: -0.045 ms
Remote clock offset: 0.44 ms

# Below is generated by plot.py at 2018-07-10 16:41:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.74 Mbit/s
95th percentile per-packet one-way delay: 41.390 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 2.74 Mbit/s
95th percentile per-packet one-way delay: 41.390 ms
Loss rate: 0.94%
```

Run 4: Report of WebRTC media — Data Link

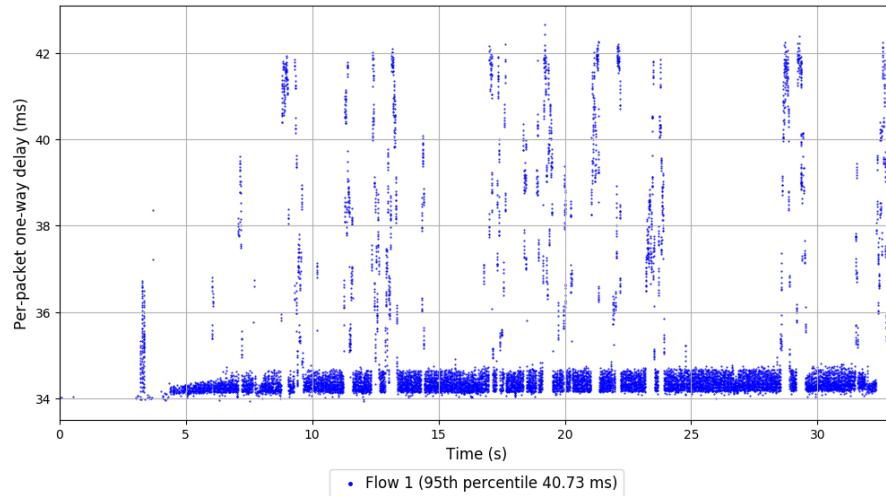
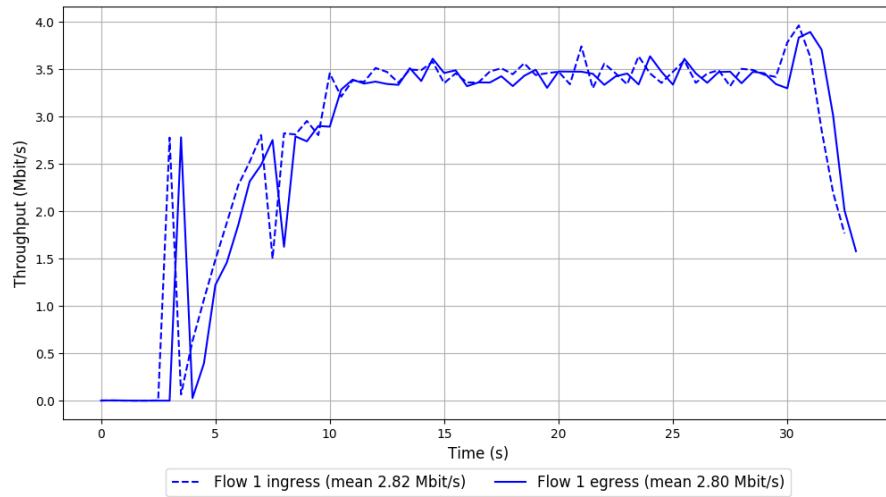


Run 5: Statistics of WebRTC media

```
Start at: 2018-07-10 13:54:57
End at: 2018-07-10 13:55:27
Local clock offset: -0.374 ms
Remote clock offset: 3.82 ms

# Below is generated by plot.py at 2018-07-10 16:41:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 40.731 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 40.731 ms
Loss rate: 0.85%
```

Run 5: Report of WebRTC media — Data Link

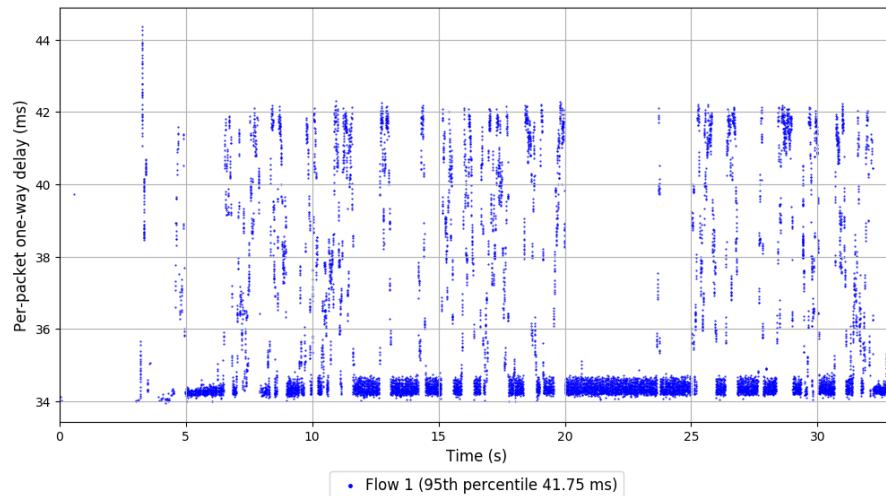
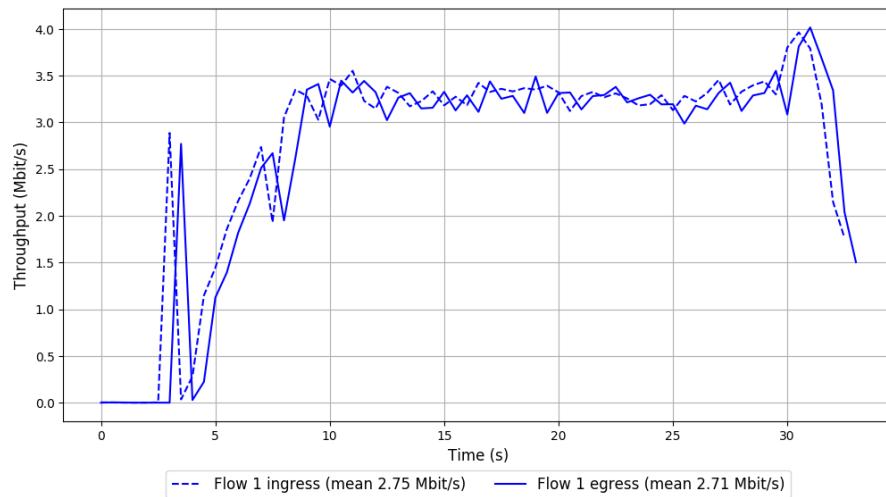


Run 6: Statistics of WebRTC media

```
Start at: 2018-07-10 14:21:05
End at: 2018-07-10 14:21:35
Local clock offset: -0.457 ms
Remote clock offset: 5.969 ms

# Below is generated by plot.py at 2018-07-10 16:41:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.71 Mbit/s
95th percentile per-packet one-way delay: 41.748 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 2.71 Mbit/s
95th percentile per-packet one-way delay: 41.748 ms
Loss rate: 1.48%
```

Run 6: Report of WebRTC media — Data Link

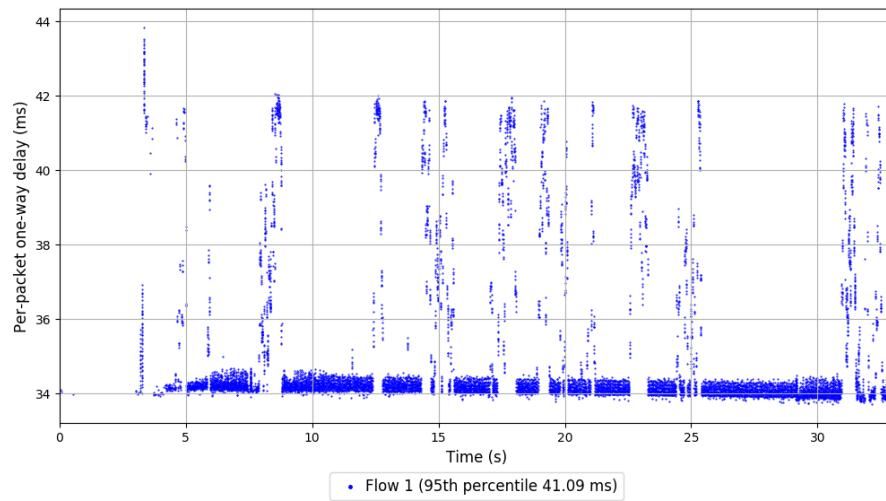
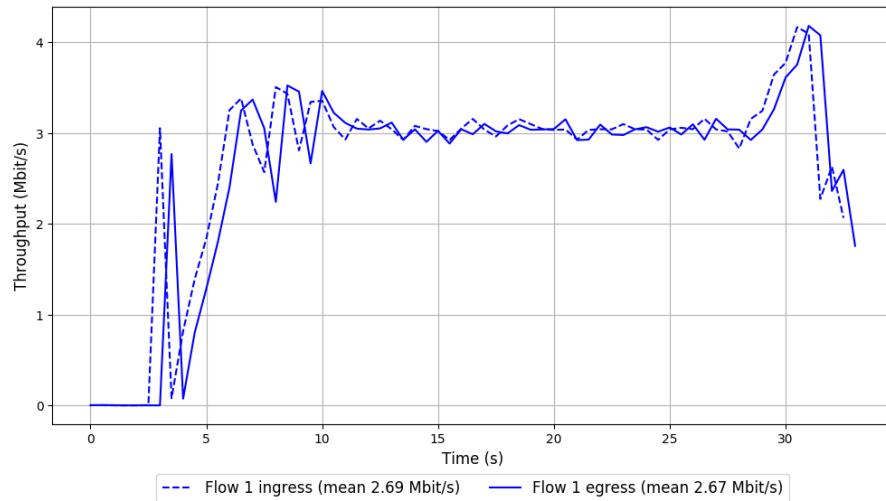


Run 7: Statistics of WebRTC media

```
Start at: 2018-07-10 14:46:54
End at: 2018-07-10 14:47:24
Local clock offset: -0.461 ms
Remote clock offset: 4.116 ms

# Below is generated by plot.py at 2018-07-10 16:41:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.67 Mbit/s
95th percentile per-packet one-way delay: 41.089 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 2.67 Mbit/s
95th percentile per-packet one-way delay: 41.089 ms
Loss rate: 0.93%
```

Run 7: Report of WebRTC media — Data Link

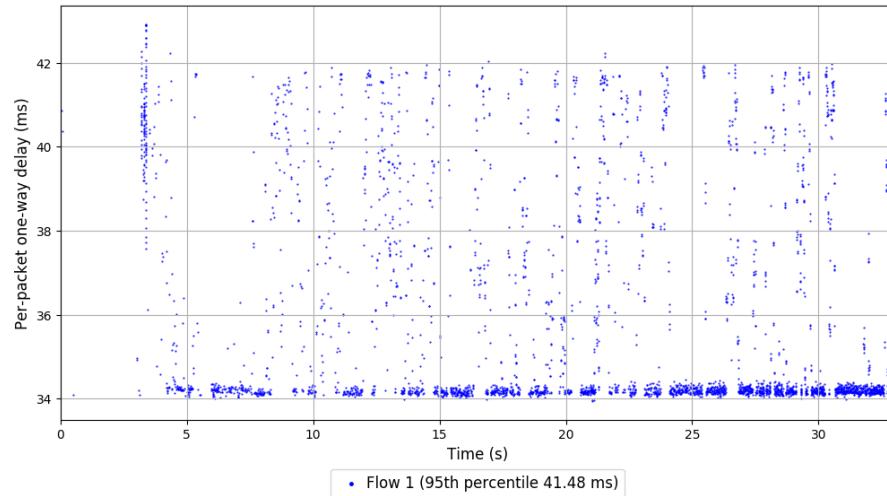
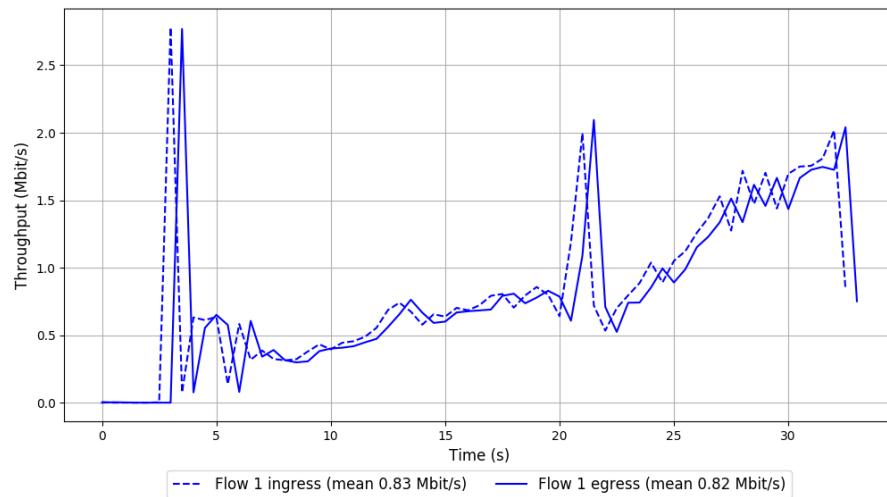


Run 8: Statistics of WebRTC media

```
Start at: 2018-07-10 15:13:01
End at: 2018-07-10 15:13:31
Local clock offset: -0.418 ms
Remote clock offset: -1.339 ms

# Below is generated by plot.py at 2018-07-10 16:41:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 41.477 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 41.477 ms
Loss rate: 1.65%
```

Run 8: Report of WebRTC media — Data Link

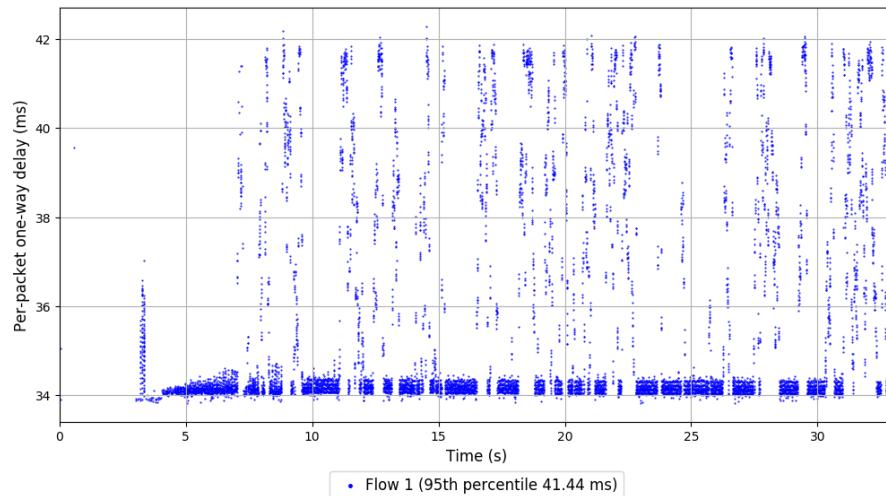
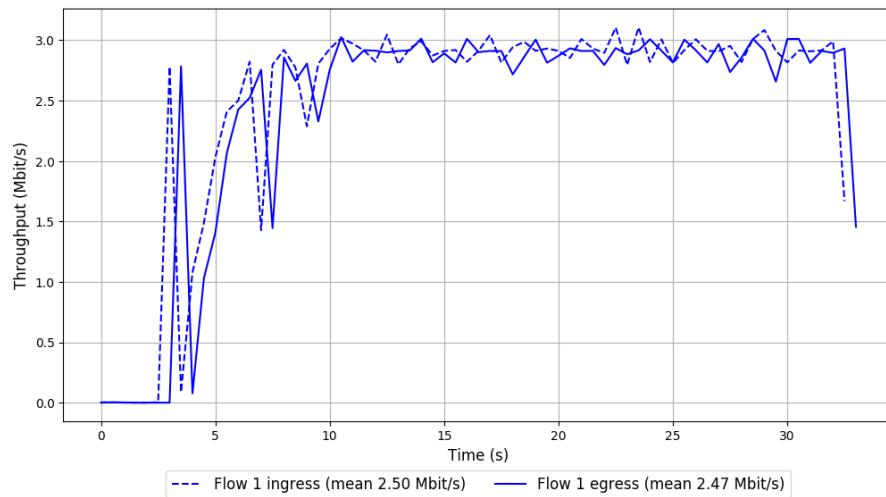


Run 9: Statistics of WebRTC media

```
Start at: 2018-07-10 15:38:56
End at: 2018-07-10 15:39:26
Local clock offset: -0.164 ms
Remote clock offset: -5.634 ms

# Below is generated by plot.py at 2018-07-10 16:41:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 41.443 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 41.443 ms
Loss rate: 1.15%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-07-10 16:02:54
End at: 2018-07-10 16:03:24
Local clock offset: 0.124 ms
Remote clock offset: 0.94 ms

# Below is generated by plot.py at 2018-07-10 16:41:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 34.736 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 34.736 ms
Loss rate: 0.34%
```

Run 10: Report of WebRTC media — Data Link

