

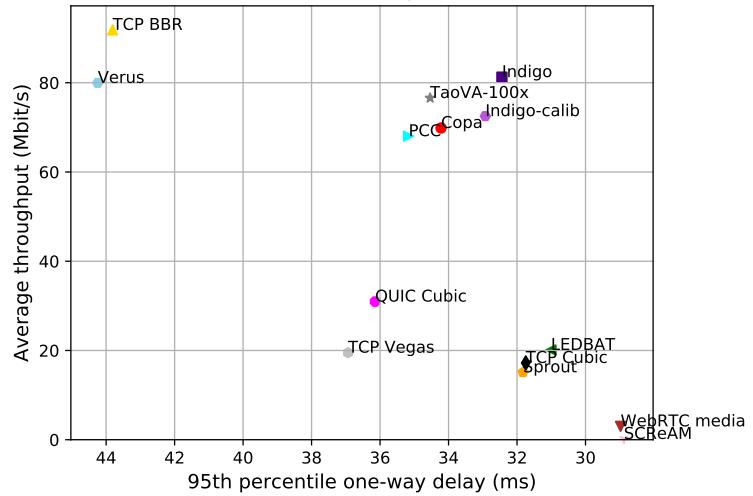
## Pantheon Report

Generated at 2017-11-21 06:21:53 (UTC).  
Data path: Mexico Ethernet (*remote*) → AWS California 2 Ethernet (*local*).  
Repeated the test of 14 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).  
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).  
NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

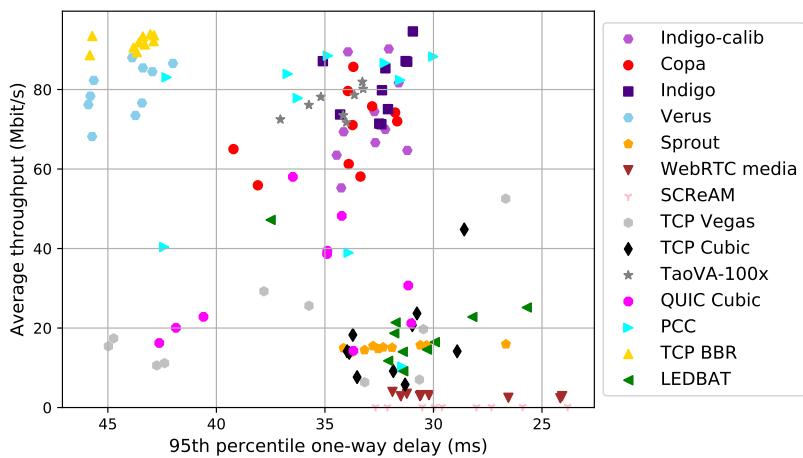
Git summary:

```
branch: indigos @ e3a57ad5ac5cfaca0e3f983c8dd4cc3509e0262
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ b5b7c38e8391001927dc41c6cfa2627d03dde737
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fabb936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



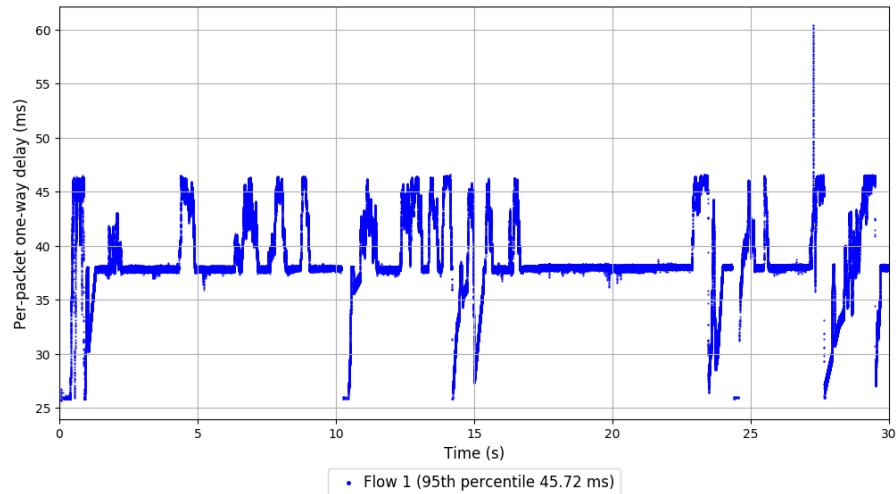
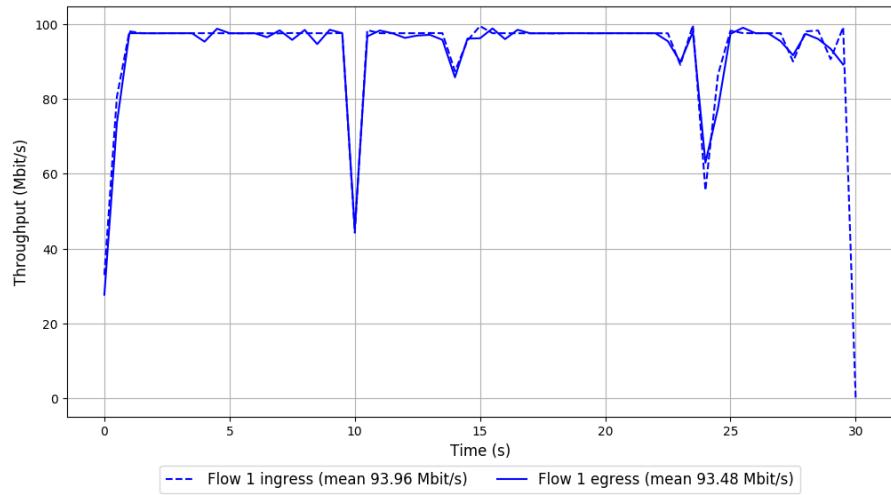
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	91.84	43.81	1.49
TCP Cubic	10	17.21	31.75	0.66
LEDBAT	10	20.12	31.01	0.52
PCC	10	68.03	35.17	1.06
QUIC Cubic	10	30.96	36.14	0.82
SCReAM	9	0.18	28.88	0.45
WebRTC media	9	3.00	28.98	0.94
Sprout	10	15.11	31.83	0.82
TaoVA-100x	8	76.59	34.54	1.40
TCP Vegas	10	19.51	36.93	0.61
Verus	10	79.96	44.24	1.44
Copa	10	69.87	34.22	0.96
Indigo	10	81.25	32.44	0.94
Indigo-calib	10	72.52	32.93	1.00

Run 1: Statistics of TCP BBR

```
Start at: 2017-11-20 23:33:30
End at: 2017-11-20 23:34:00
Local clock offset: 1.58 ms
Remote clock offset: -1.341 ms

# Below is generated by plot.py at 2017-11-21 06:09:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 45.717 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 45.717 ms
Loss rate: 0.71%
```

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

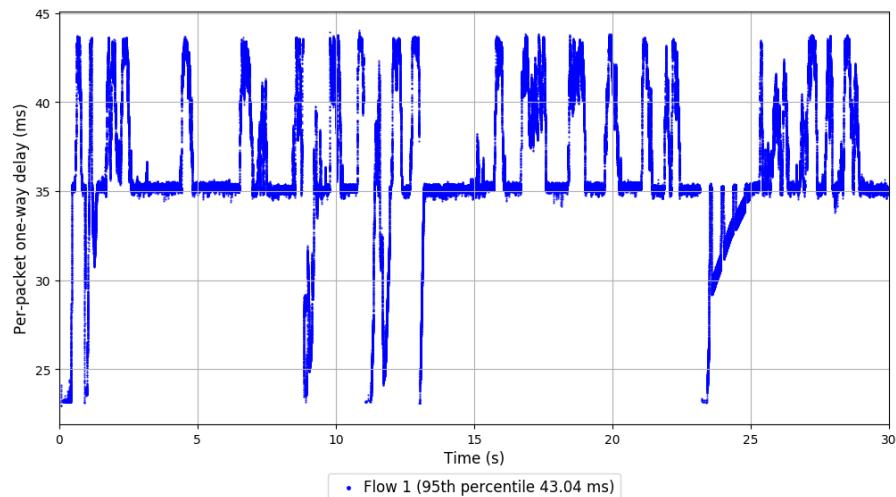
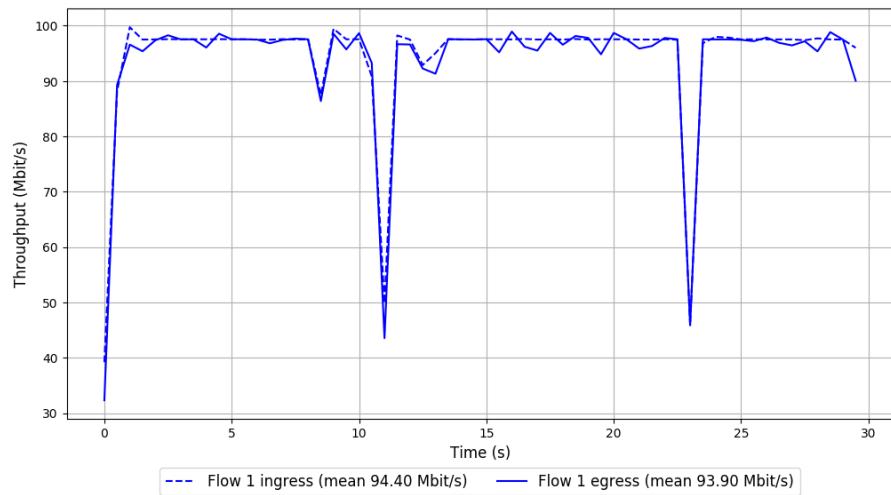


Run 2: Statistics of TCP BBR

```
Start at: 2017-11-20 23:52:03
End at: 2017-11-20 23:52:33
Local clock offset: 1.578 ms
Remote clock offset: 0.087 ms

# Below is generated by plot.py at 2017-11-21 06:09:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 43.044 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 43.044 ms
Loss rate: 0.73%
```

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

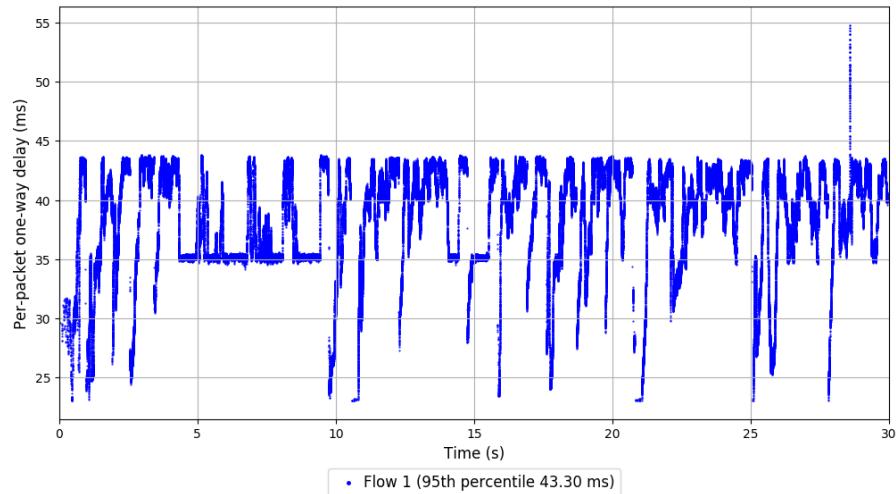
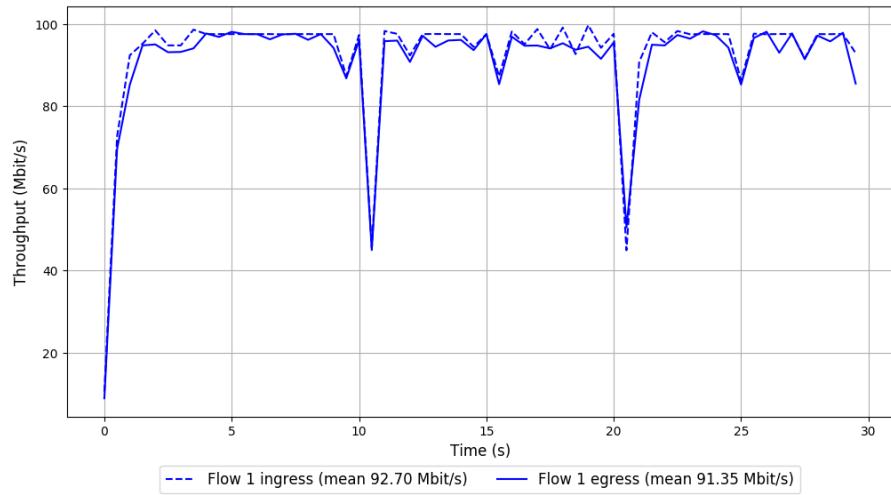


Run 3: Statistics of TCP BBR

```
Start at: 2017-11-21 00:10:39
End at: 2017-11-21 00:11:09
Local clock offset: 2.698 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at 2017-11-21 06:09:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.35 Mbit/s
95th percentile per-packet one-way delay: 43.299 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 91.35 Mbit/s
95th percentile per-packet one-way delay: 43.299 ms
Loss rate: 1.67%
```

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

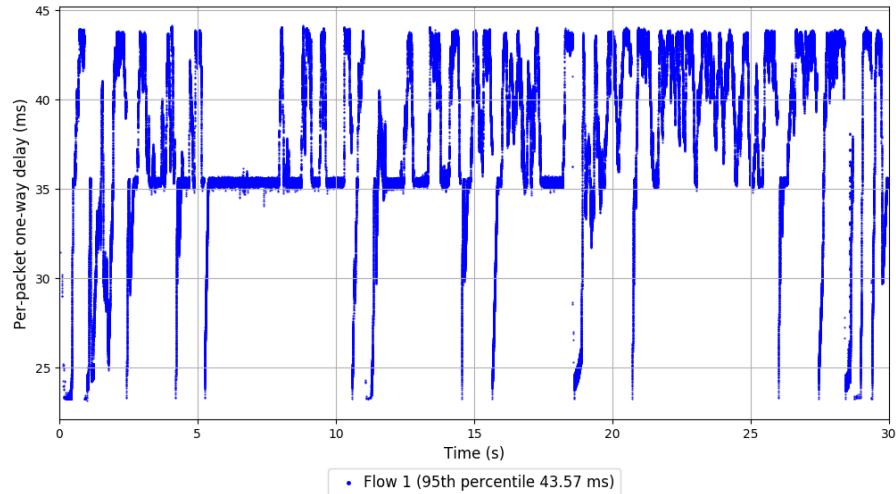
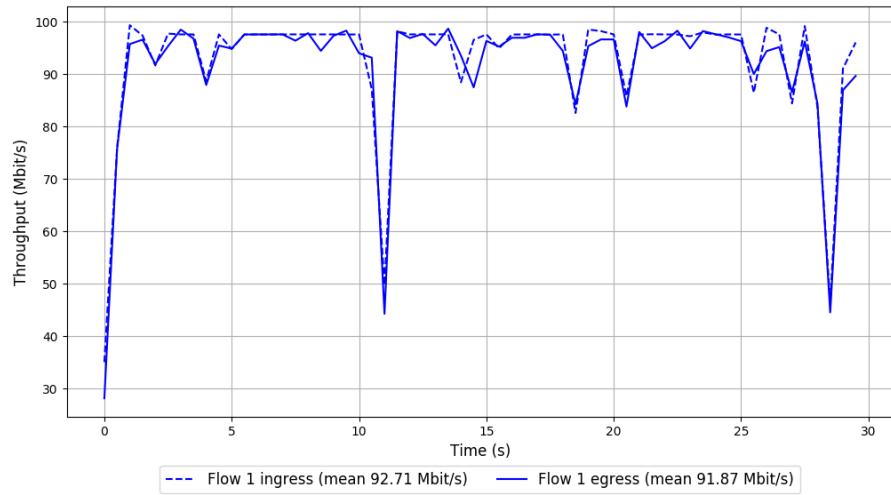


Run 4: Statistics of TCP BBR

```
Start at: 2017-11-21 00:29:59
End at: 2017-11-21 00:30:29
Local clock offset: 3.223 ms
Remote clock offset: -0.039 ms

# Below is generated by plot.py at 2017-11-21 06:09:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.87 Mbit/s
95th percentile per-packet one-way delay: 43.567 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 91.87 Mbit/s
95th percentile per-packet one-way delay: 43.567 ms
Loss rate: 1.11%
```

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

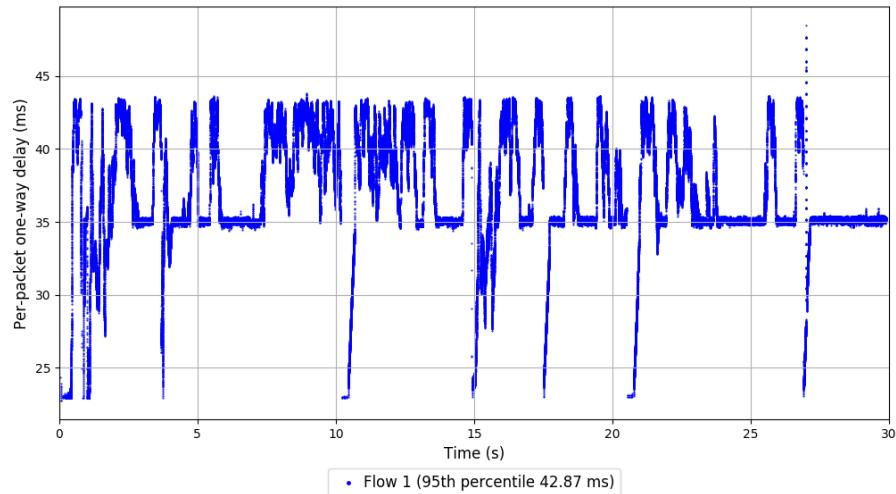
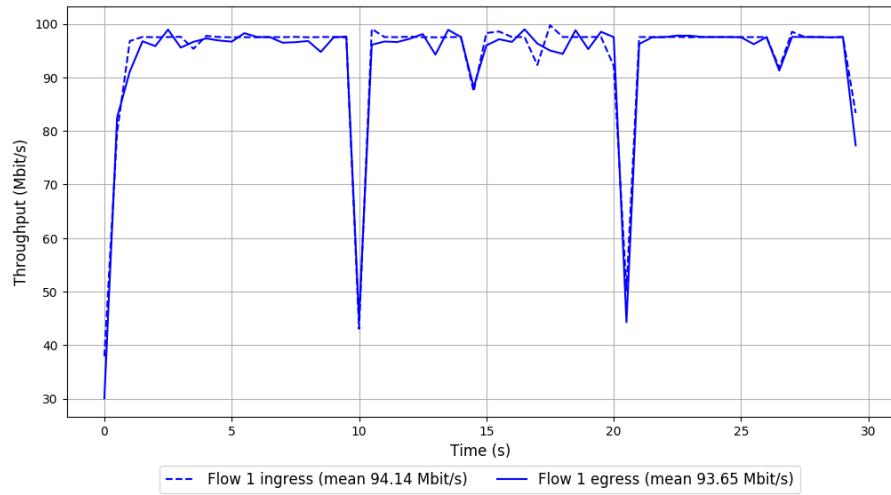


Run 5: Statistics of TCP BBR

```
Start at: 2017-11-21 00:48:59
End at: 2017-11-21 00:49:29
Local clock offset: 3.495 ms
Remote clock offset: 0.42 ms

# Below is generated by plot.py at 2017-11-21 06:09:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.65 Mbit/s
95th percentile per-packet one-way delay: 42.874 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 93.65 Mbit/s
95th percentile per-packet one-way delay: 42.874 ms
Loss rate: 0.72%
```

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

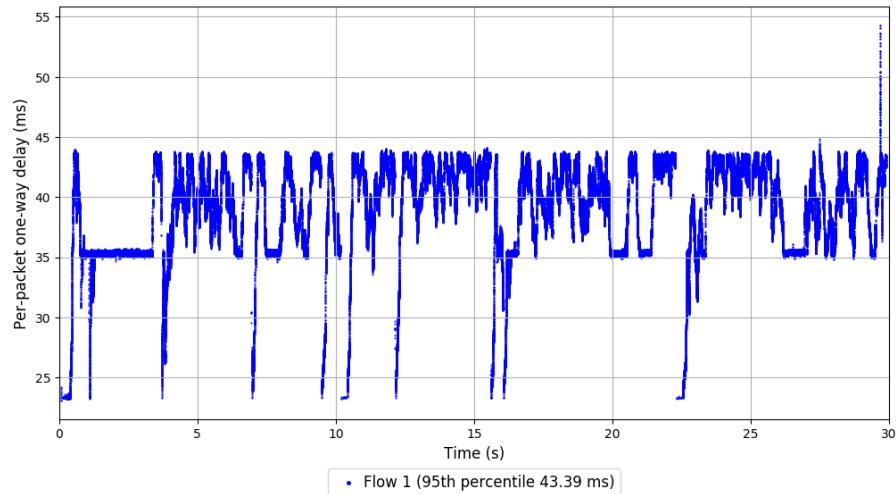
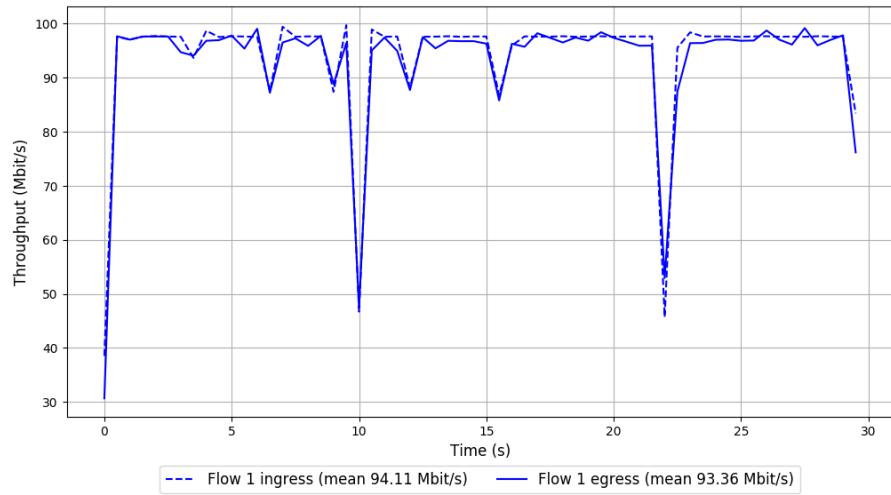


Run 6: Statistics of TCP BBR

```
Start at: 2017-11-21 01:07:39
End at: 2017-11-21 01:08:09
Local clock offset: 2.236 ms
Remote clock offset: 0.433 ms

# Below is generated by plot.py at 2017-11-21 06:09:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 43.388 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 43.388 ms
Loss rate: 0.99%
```

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

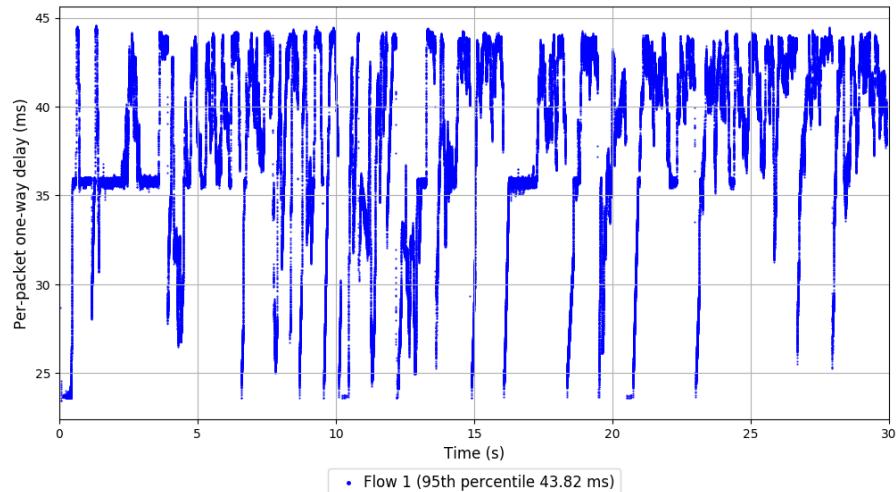
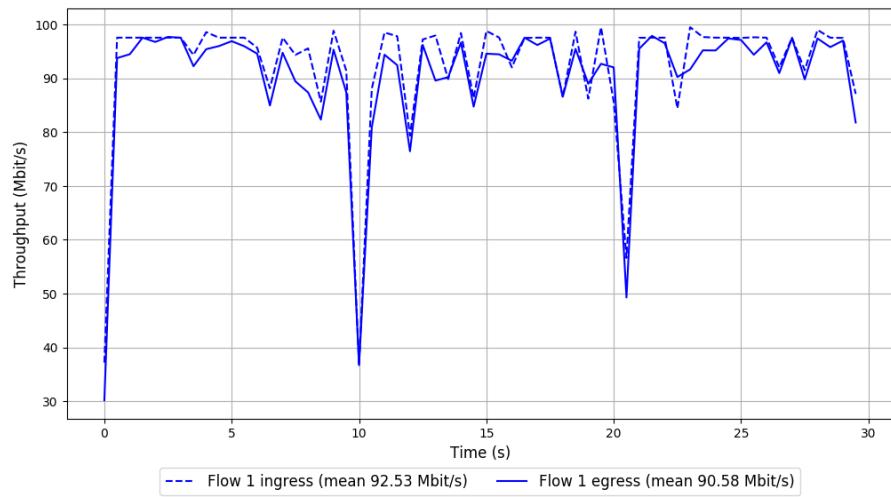


Run 7: Statistics of TCP BBR

```
Start at: 2017-11-21 01:27:12
End at: 2017-11-21 01:27:42
Local clock offset: 1.979 ms
Remote clock offset: 0.168 ms

# Below is generated by plot.py at 2017-11-21 06:09:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 43.818 ms
Loss rate: 2.32%
-- Flow 1:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 43.818 ms
Loss rate: 2.32%
```

Run 7: Report of TCP BBR — Data Link

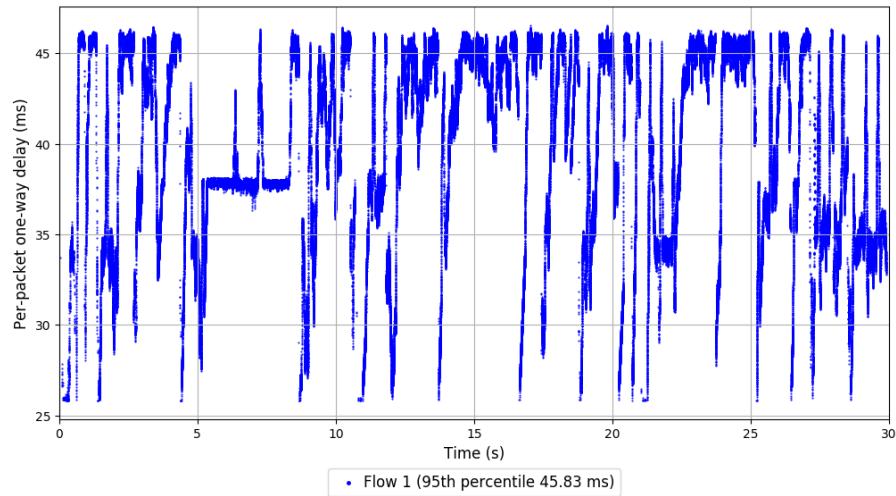
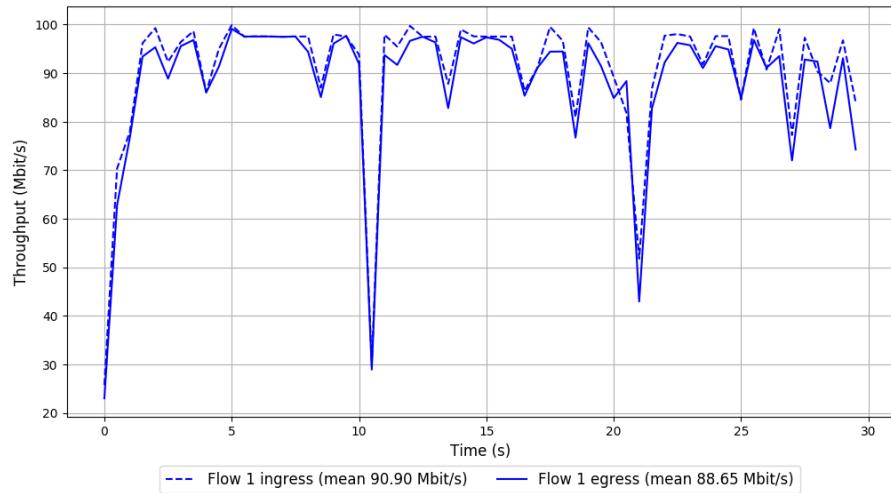


Run 8: Statistics of TCP BBR

```
Start at: 2017-11-21 01:47:10
End at: 2017-11-21 01:47:40
Local clock offset: 0.938 ms
Remote clock offset: -2.536 ms

# Below is generated by plot.py at 2017-11-21 06:09:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.65 Mbit/s
95th percentile per-packet one-way delay: 45.831 ms
Loss rate: 2.68%
-- Flow 1:
Average throughput: 88.65 Mbit/s
95th percentile per-packet one-way delay: 45.831 ms
Loss rate: 2.68%
```

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

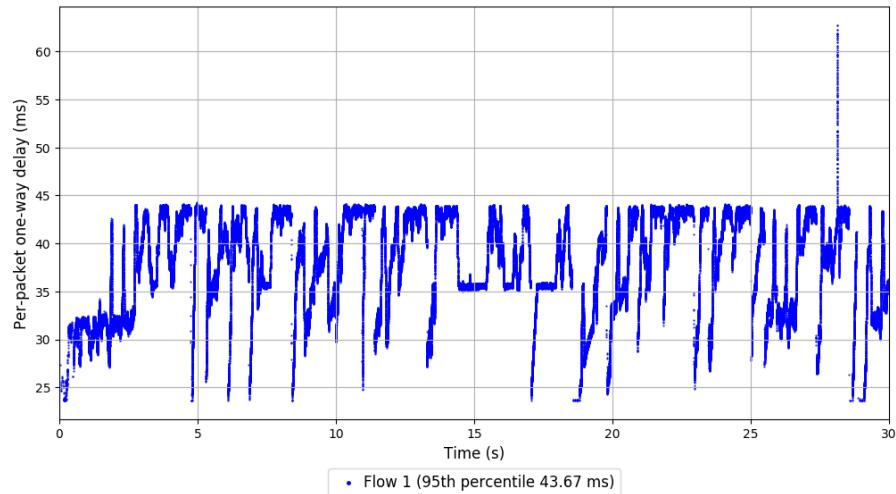
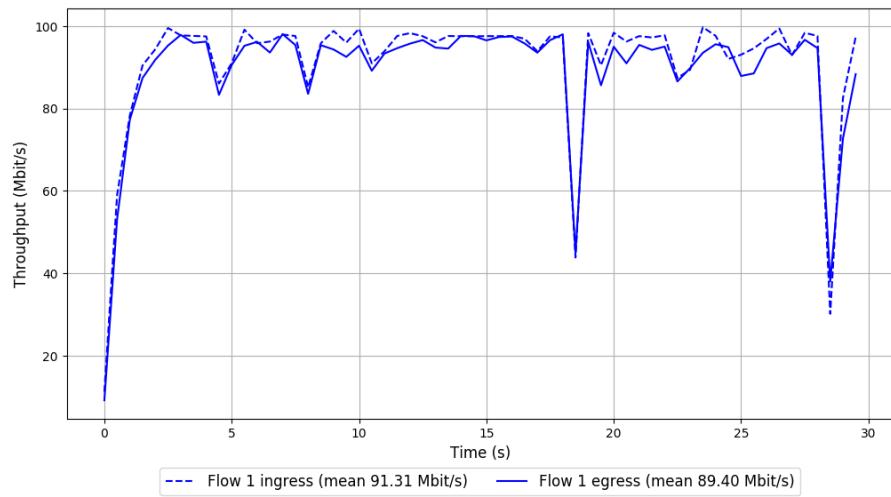


Run 9: Statistics of TCP BBR

```
Start at: 2017-11-21 02:07:40
End at: 2017-11-21 02:08:10
Local clock offset: 0.88 ms
Remote clock offset: -0.121 ms

# Below is generated by plot.py at 2017-11-21 06:10:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.40 Mbit/s
95th percentile per-packet one-way delay: 43.667 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 89.40 Mbit/s
95th percentile per-packet one-way delay: 43.667 ms
Loss rate: 2.27%
```

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

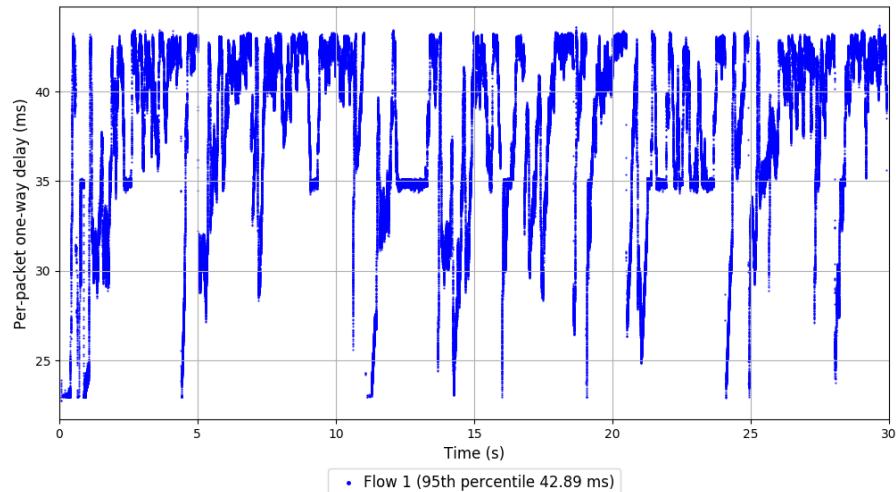
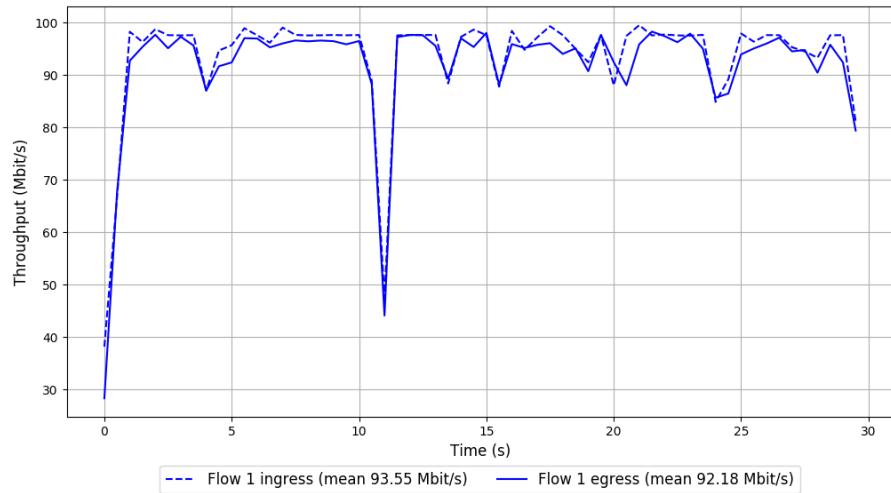


Run 10: Statistics of TCP BBR

```
Start at: 2017-11-21 02:27:26
End at: 2017-11-21 02:27:56
Local clock offset: 1.09 ms
Remote clock offset: 0.283 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.18 Mbit/s
95th percentile per-packet one-way delay: 42.890 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 92.18 Mbit/s
95th percentile per-packet one-way delay: 42.890 ms
Loss rate: 1.69%
```

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



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

```
Start at: 2017-11-20 23:30:56
```

```
End at: 2017-11-20 23:31:26
```

```
Local clock offset: 2.056 ms
```

```
Remote clock offset: 1.439 ms
```

```
# Below is generated by plot.py at 2017-11-21 06:10:34
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 23.68 Mbit/s
```

```
95th percentile per-packet one-way delay: 30.759 ms
```

```
Loss rate: 0.36%
```

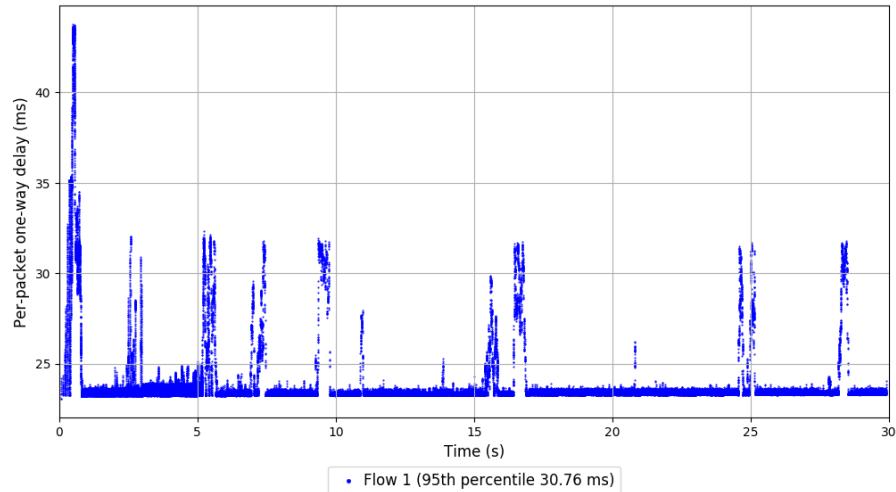
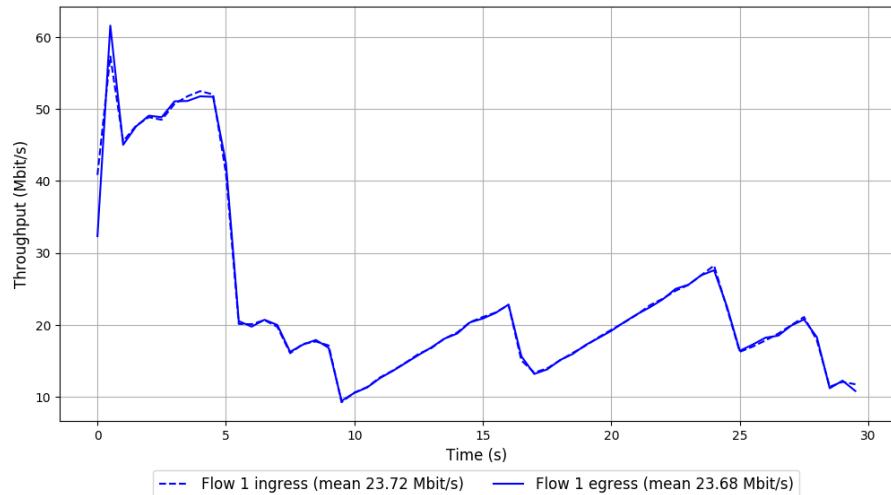
```
-- Flow 1:
```

```
Average throughput: 23.68 Mbit/s
```

```
95th percentile per-packet one-way delay: 30.759 ms
```

```
Loss rate: 0.36%
```

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

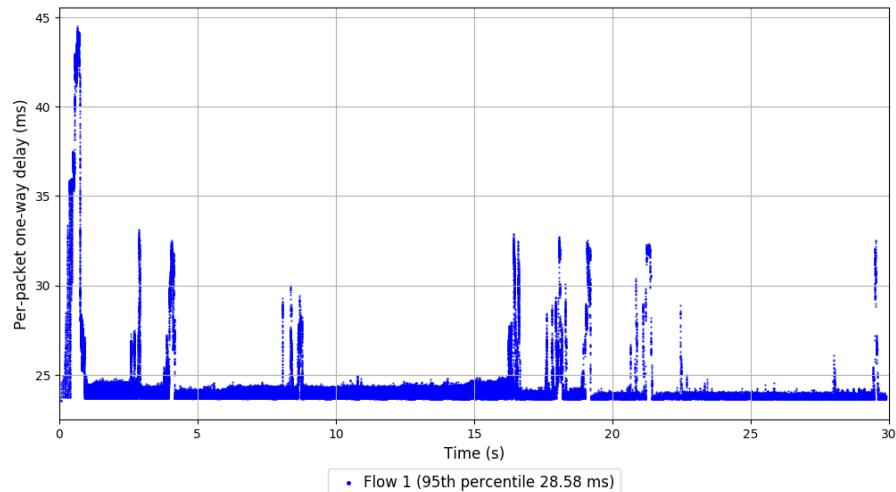
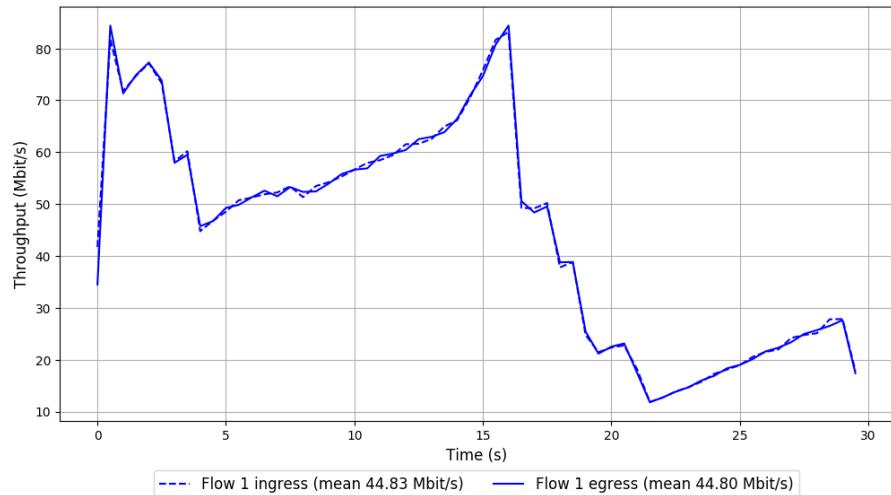


Run 2: Statistics of TCP Cubic

```
Start at: 2017-11-20 23:49:26
End at: 2017-11-20 23:49:56
Local clock offset: 1.574 ms
Remote clock offset: -0.267 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 28.581 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 28.581 ms
Loss rate: 0.23%
```

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

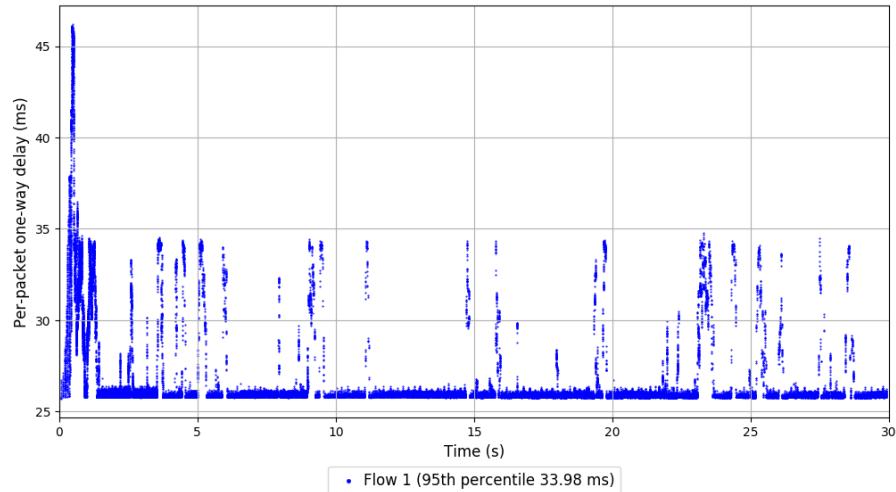
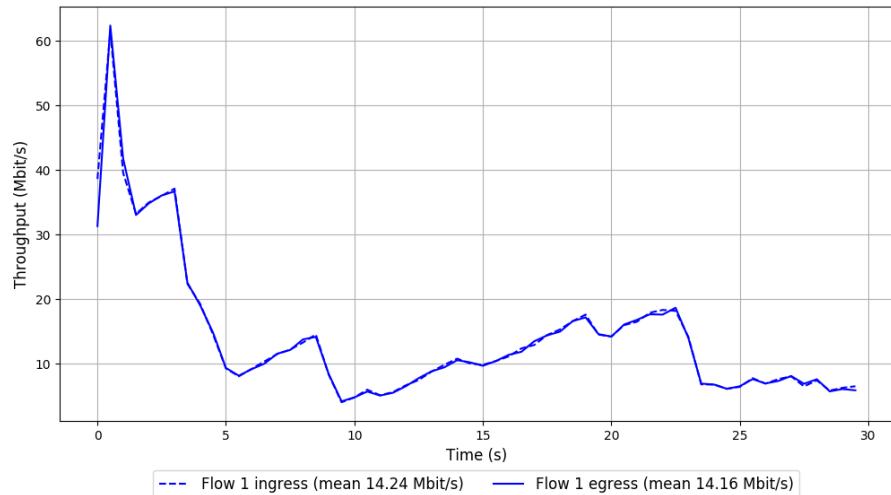


Run 3: Statistics of TCP Cubic

```
Start at: 2017-11-21 00:08:05
End at: 2017-11-21 00:08:35
Local clock offset: 2.497 ms
Remote clock offset: -2.645 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.16 Mbit/s
95th percentile per-packet one-way delay: 33.975 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 14.16 Mbit/s
95th percentile per-packet one-way delay: 33.975 ms
Loss rate: 0.78%
```

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

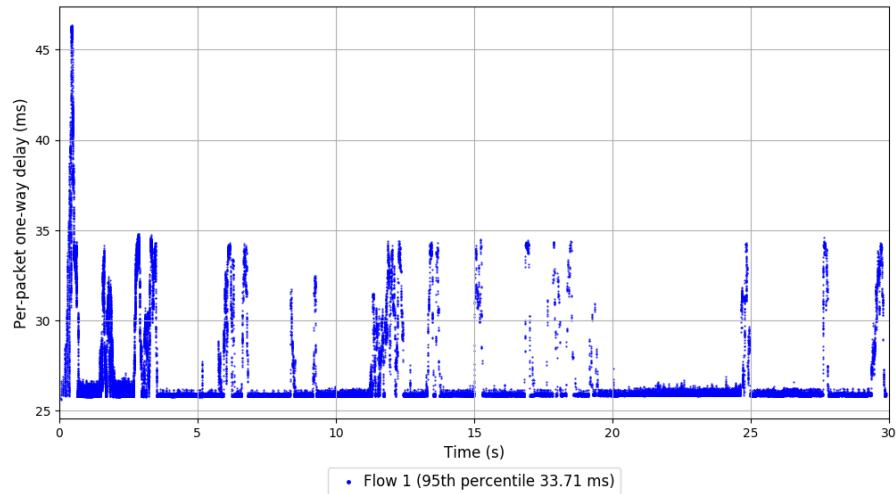
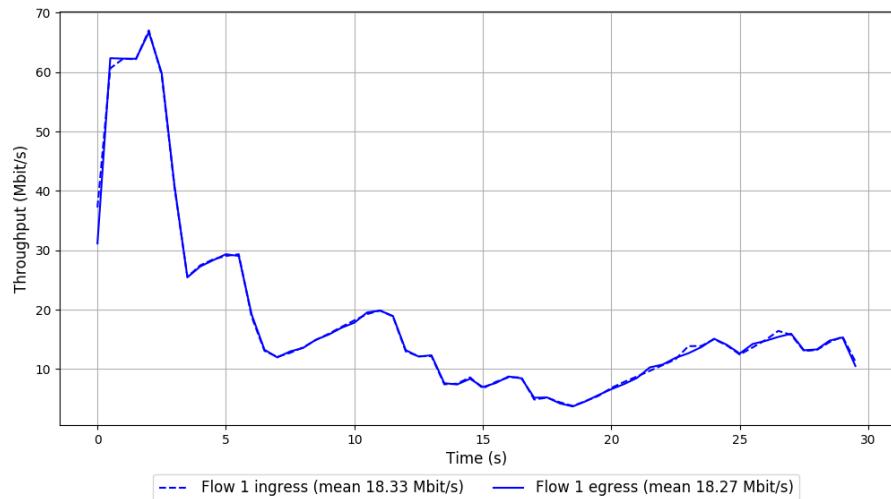


Run 4: Statistics of TCP Cubic

```
Start at: 2017-11-21 00:27:24
End at: 2017-11-21 00:27:54
Local clock offset: 3.433 ms
Remote clock offset: -2.571 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.27 Mbit/s
95th percentile per-packet one-way delay: 33.713 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 18.27 Mbit/s
95th percentile per-packet one-way delay: 33.713 ms
Loss rate: 0.50%
```

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

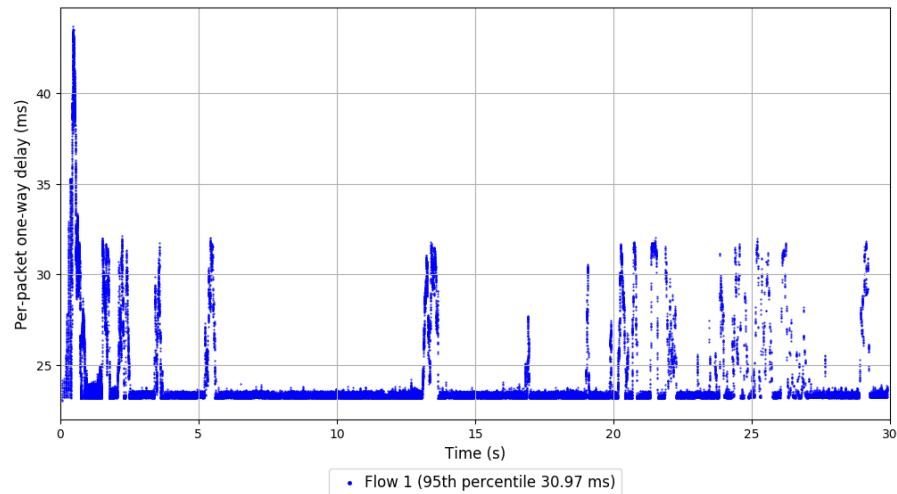
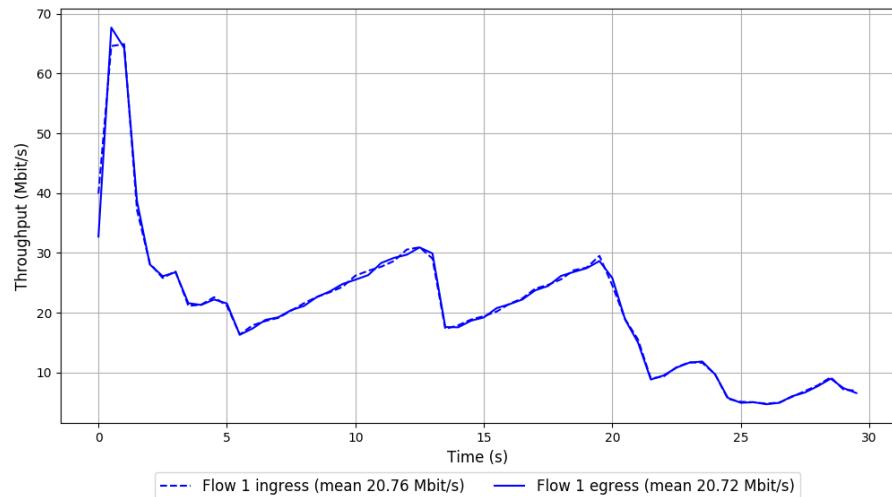


Run 5: Statistics of TCP Cubic

```
Start at: 2017-11-21 00:46:23
End at: 2017-11-21 00:46:53
Local clock offset: 3.352 ms
Remote clock offset: 0.097 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.72 Mbit/s
95th percentile per-packet one-way delay: 30.972 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 20.72 Mbit/s
95th percentile per-packet one-way delay: 30.972 ms
Loss rate: 0.36%
```

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

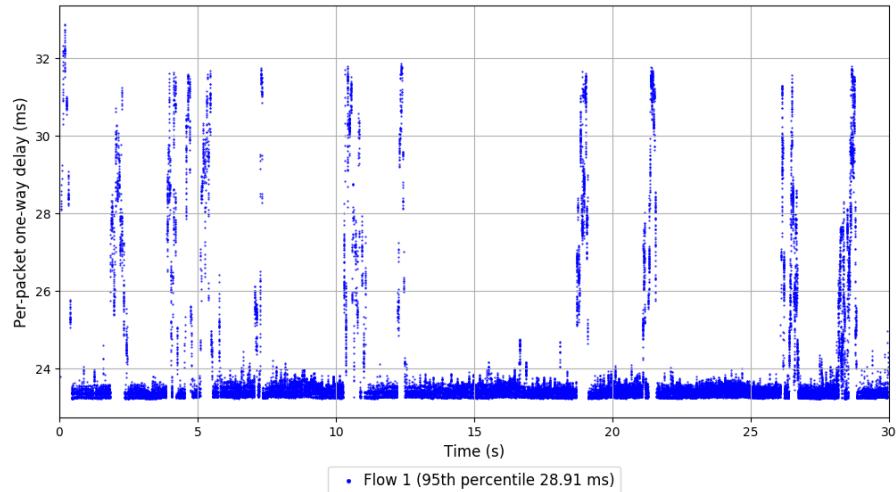
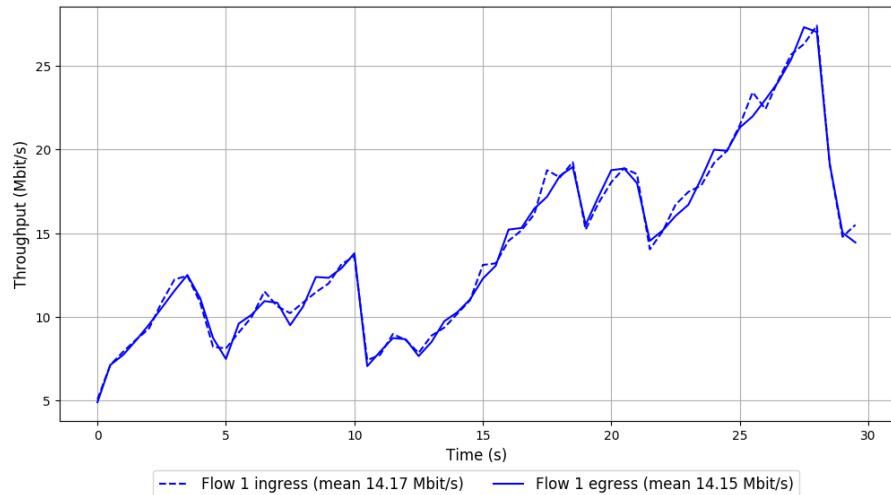


Run 6: Statistics of TCP Cubic

```
Start at: 2017-11-21 01:05:03
End at: 2017-11-21 01:05:33
Local clock offset: 2.197 ms
Remote clock offset: 0.364 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.15 Mbit/s
95th percentile per-packet one-way delay: 28.906 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 14.15 Mbit/s
95th percentile per-packet one-way delay: 28.906 ms
Loss rate: 0.33%
```

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

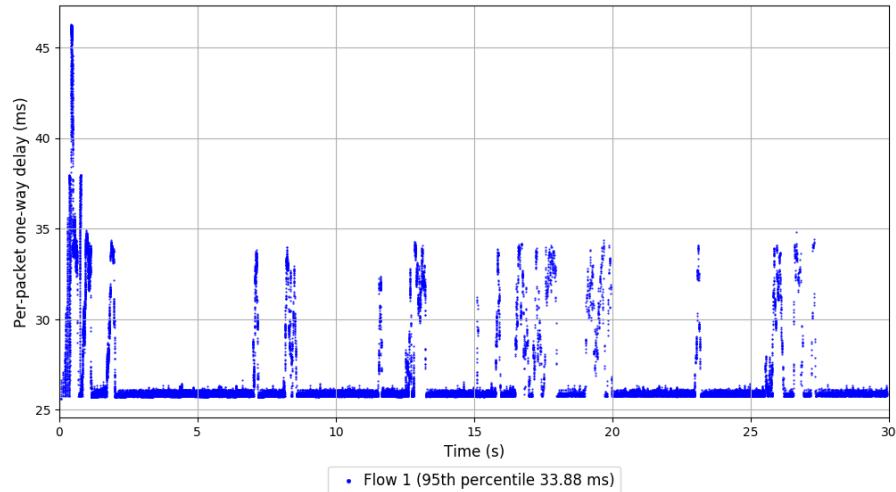
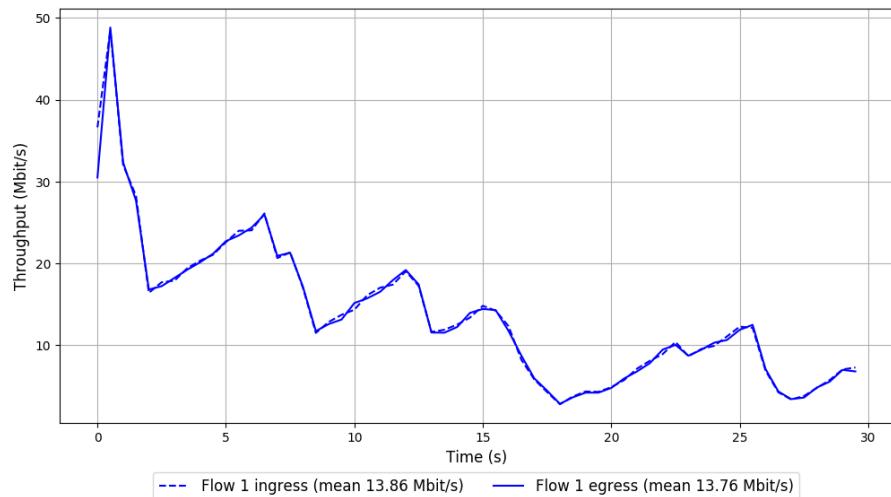


Run 7: Statistics of TCP Cubic

```
Start at: 2017-11-21 01:24:35
End at: 2017-11-21 01:25:05
Local clock offset: 2.266 ms
Remote clock offset: -1.788 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.76 Mbit/s
95th percentile per-packet one-way delay: 33.877 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 13.76 Mbit/s
95th percentile per-packet one-way delay: 33.877 ms
Loss rate: 0.88%
```

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

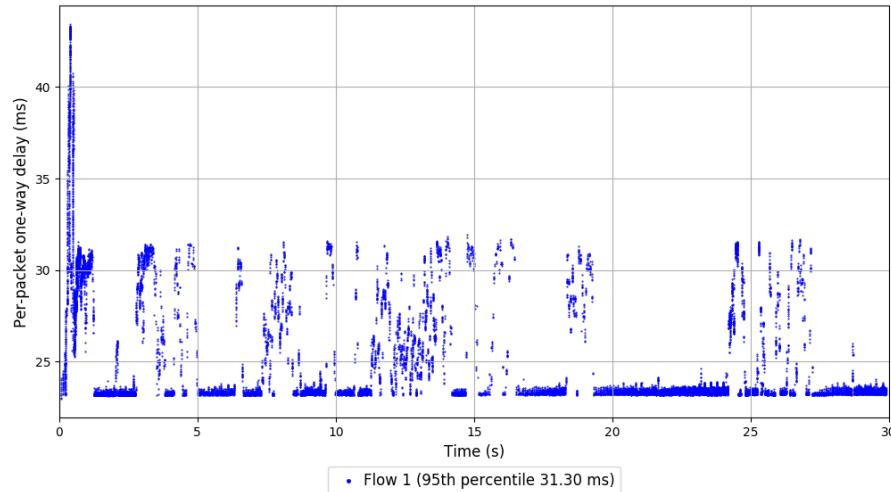
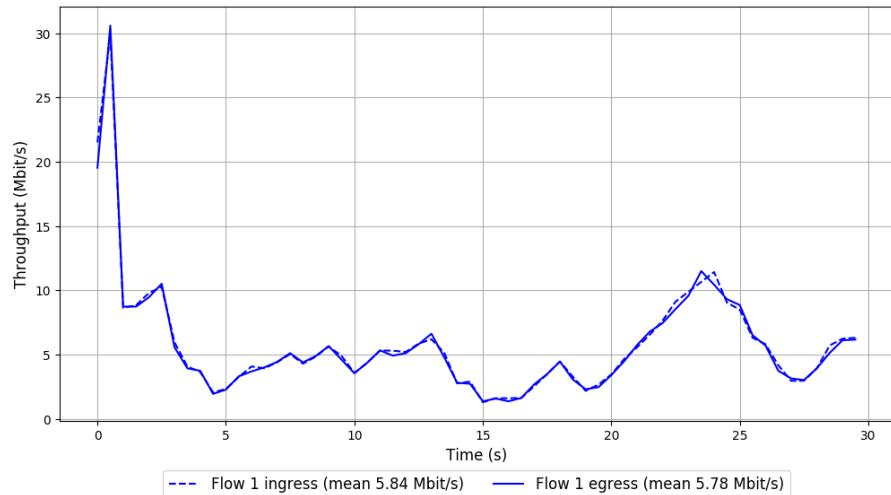


Run 8: Statistics of TCP Cubic

```
Start at: 2017-11-21 01:44:34
End at: 2017-11-21 01:45:04
Local clock offset: 0.968 ms
Remote clock offset: 0.102 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.78 Mbit/s
95th percentile per-packet one-way delay: 31.305 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 5.78 Mbit/s
95th percentile per-packet one-way delay: 31.305 ms
Loss rate: 1.30%
```

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

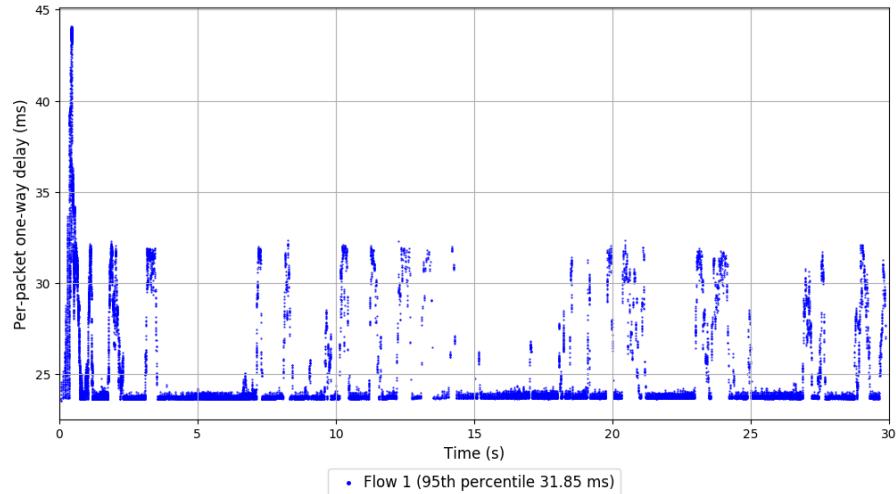
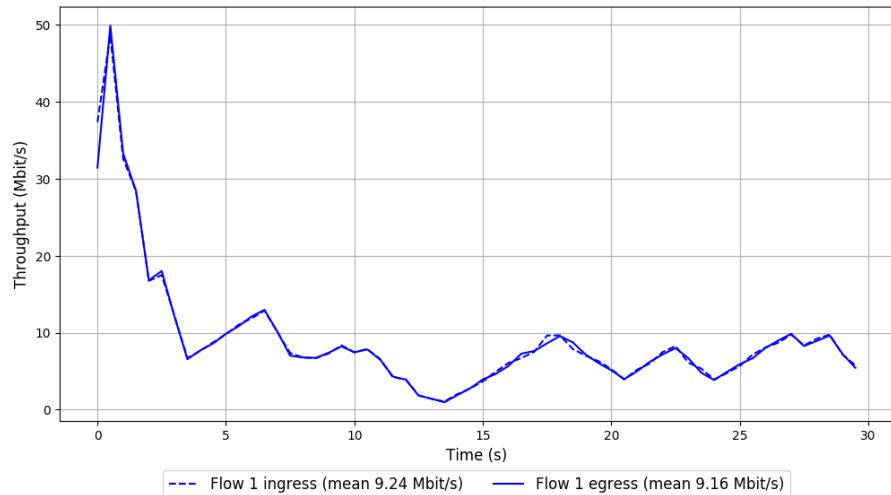


Run 9: Statistics of TCP Cubic

```
Start at: 2017-11-21 02:05:00
End at: 2017-11-21 02:05:30
Local clock offset: 0.82 ms
Remote clock offset: -0.296 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 31.848 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 31.848 ms
Loss rate: 0.96%
```

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

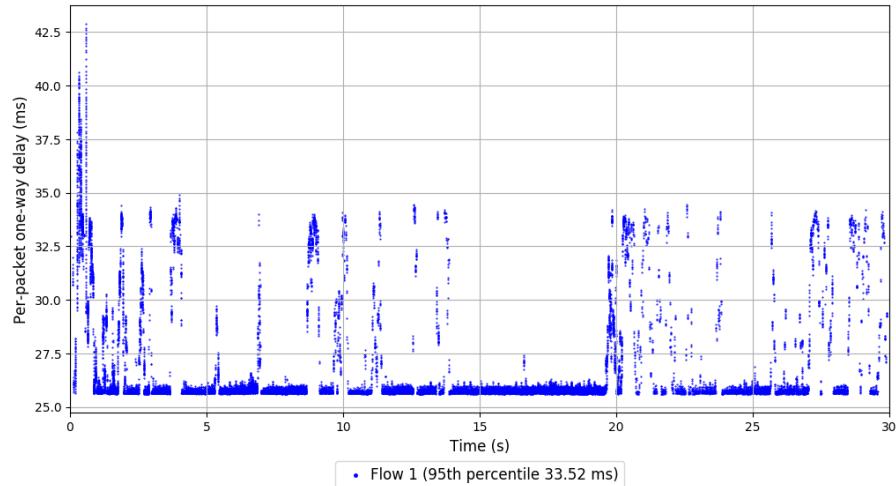
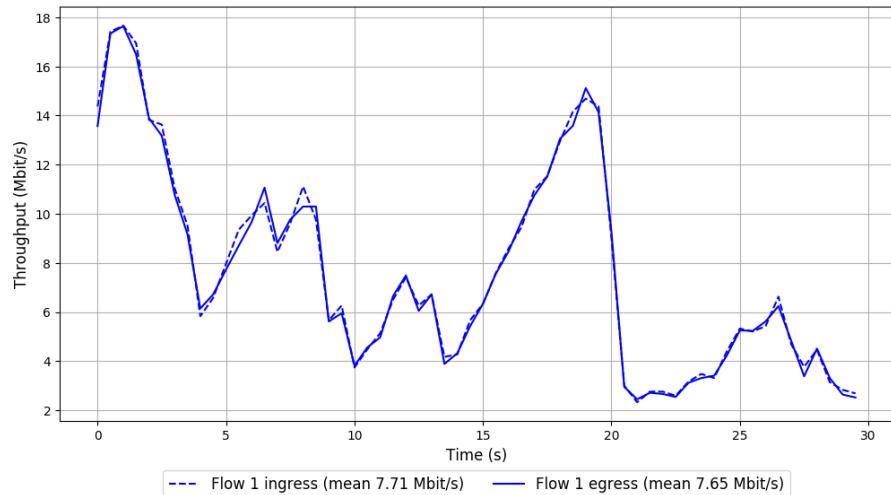


Run 10: Statistics of TCP Cubic

```
Start at: 2017-11-21 02:24:50
End at: 2017-11-21 02:25:20
Local clock offset: 1.037 ms
Remote clock offset: -2.3 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.65 Mbit/s
95th percentile per-packet one-way delay: 33.517 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 7.65 Mbit/s
95th percentile per-packet one-way delay: 33.517 ms
Loss rate: 0.93%
```

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

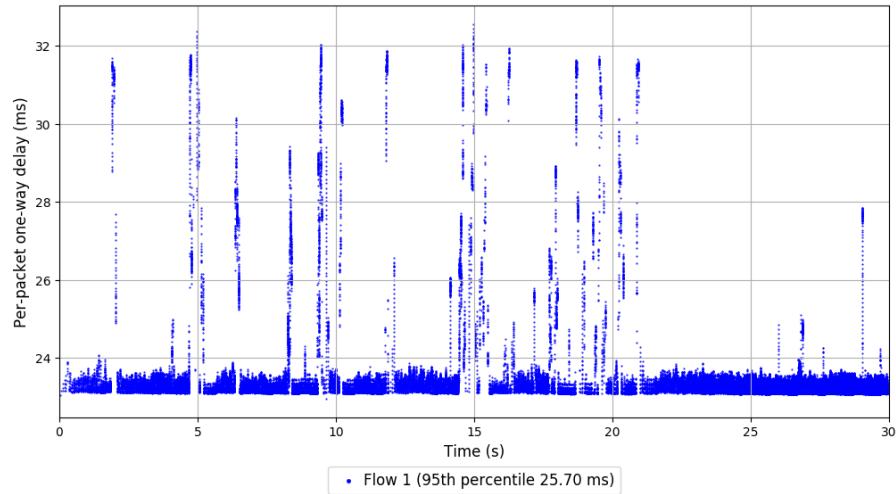
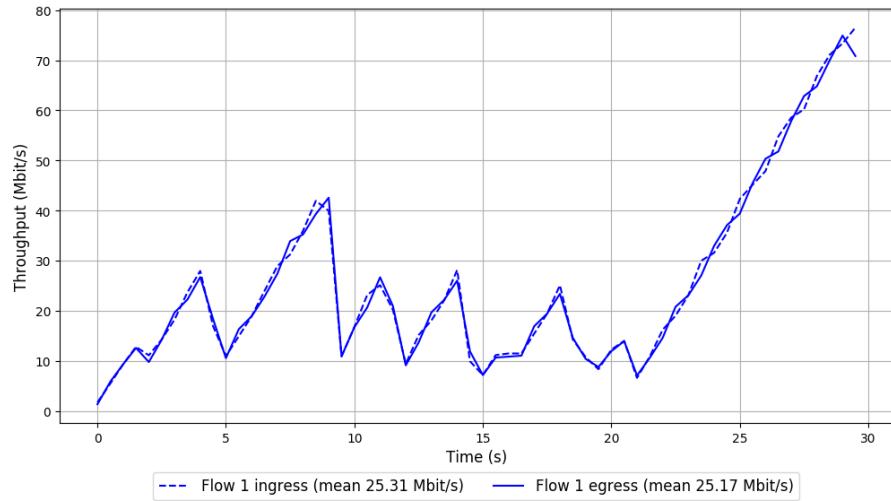


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2017-11-20 23:26:58
End at: 2017-11-20 23:27:28
Local clock offset: 2.06 ms
Remote clock offset: 1.79 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.17 Mbit/s
95th percentile per-packet one-way delay: 25.702 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 25.17 Mbit/s
95th percentile per-packet one-way delay: 25.702 ms
Loss rate: 0.76%
```

Run 1: Report of LEDBAT — Data Link

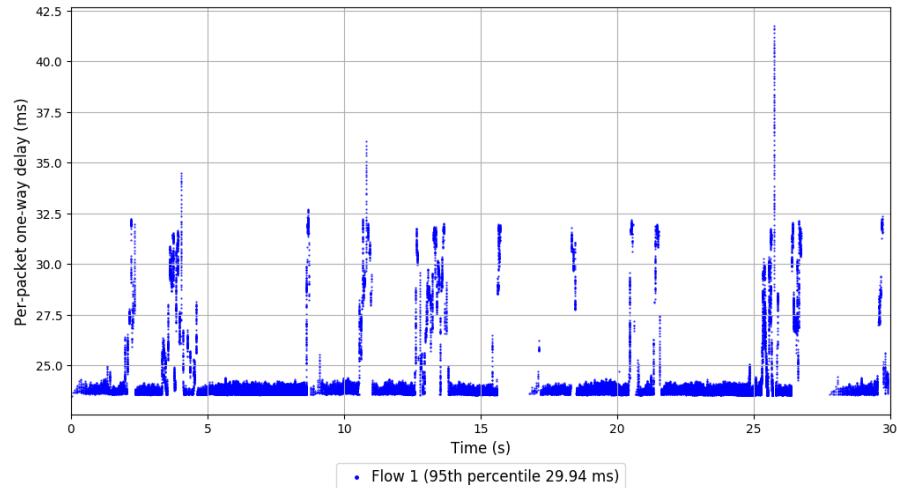
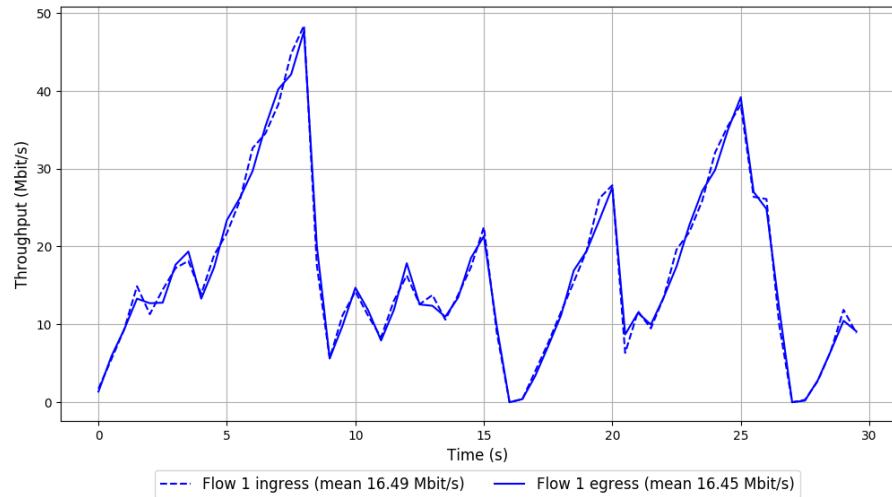


Run 2: Statistics of LEDBAT

```
Start at: 2017-11-20 23:45:26
End at: 2017-11-20 23:45:56
Local clock offset: 1.355 ms
Remote clock offset: 0.041 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.45 Mbit/s
95th percentile per-packet one-way delay: 29.938 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 16.45 Mbit/s
95th percentile per-packet one-way delay: 29.938 ms
Loss rate: 0.41%
```

## Run 2: Report of LEDBAT — Data Link

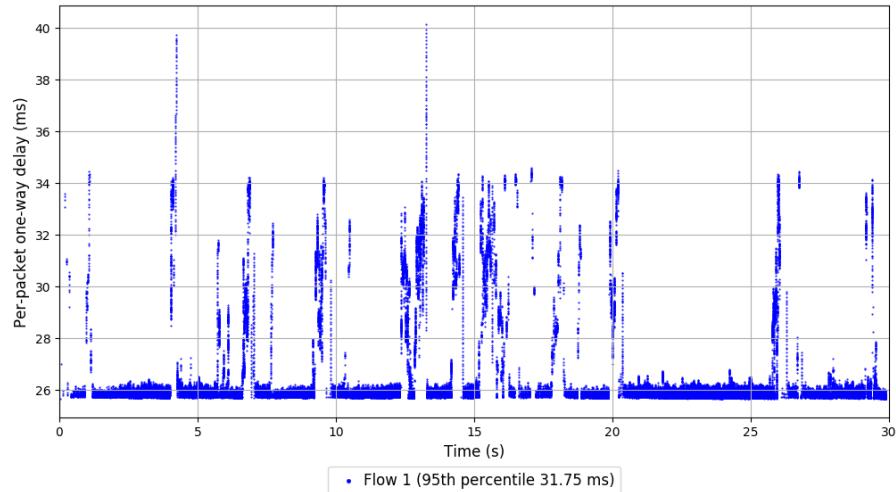
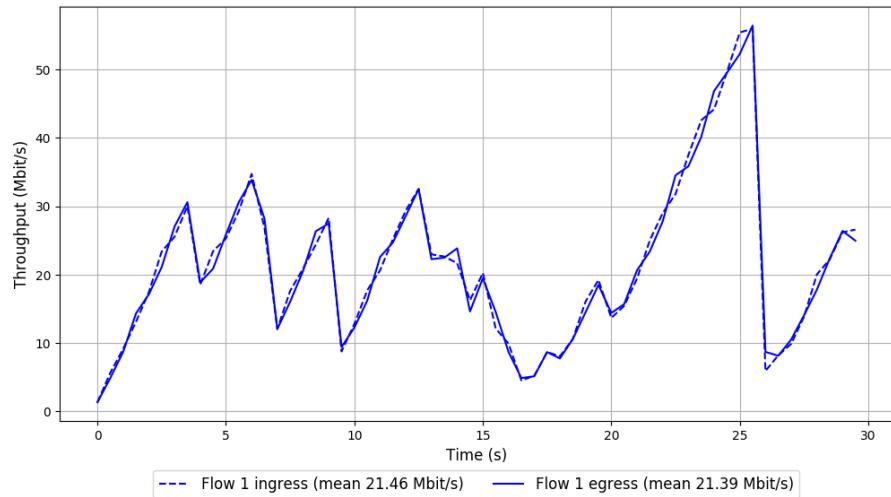


Run 3: Statistics of LEDBAT

```
Start at: 2017-11-21 00:03:56
End at: 2017-11-21 00:04:26
Local clock offset: 2.179 ms
Remote clock offset: -2.537 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.39 Mbit/s
95th percentile per-packet one-way delay: 31.745 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 21.39 Mbit/s
95th percentile per-packet one-way delay: 31.745 ms
Loss rate: 0.49%
```

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

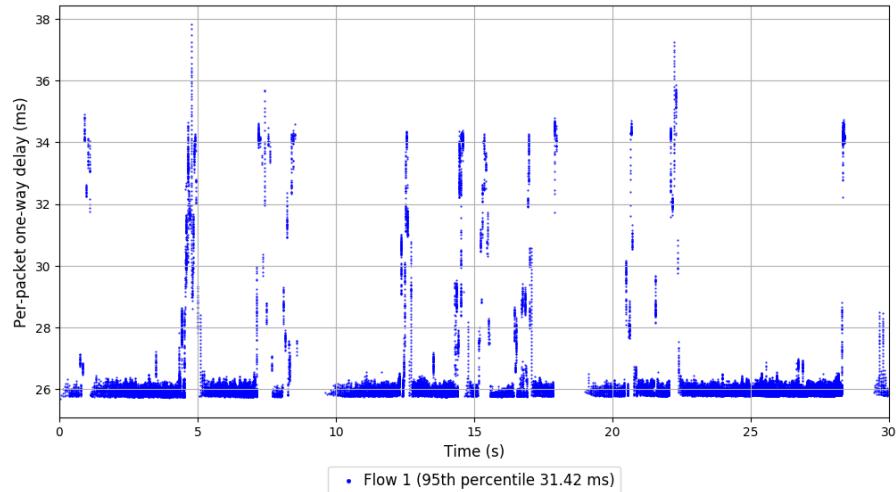
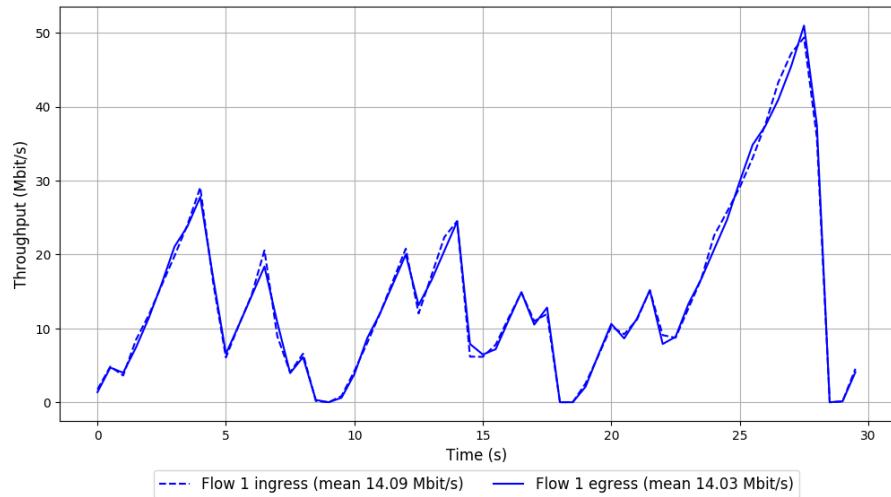


Run 4: Statistics of LEDBAT

```
Start at: 2017-11-21 00:23:14
End at: 2017-11-21 00:23:44
Local clock offset: 3.686 ms
Remote clock offset: -2.667 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.03 Mbit/s
95th percentile per-packet one-way delay: 31.416 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 14.03 Mbit/s
95th percentile per-packet one-way delay: 31.416 ms
Loss rate: 0.61%
```

## Run 4: Report of LEDBAT — Data Link

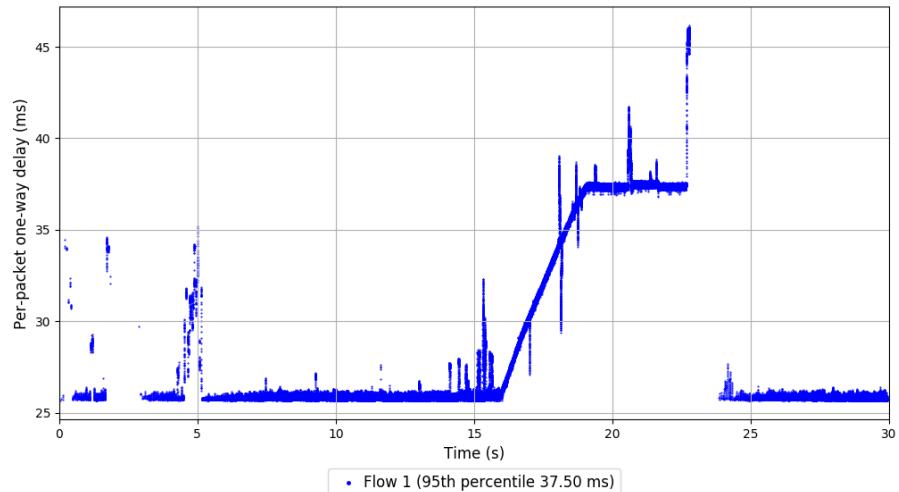
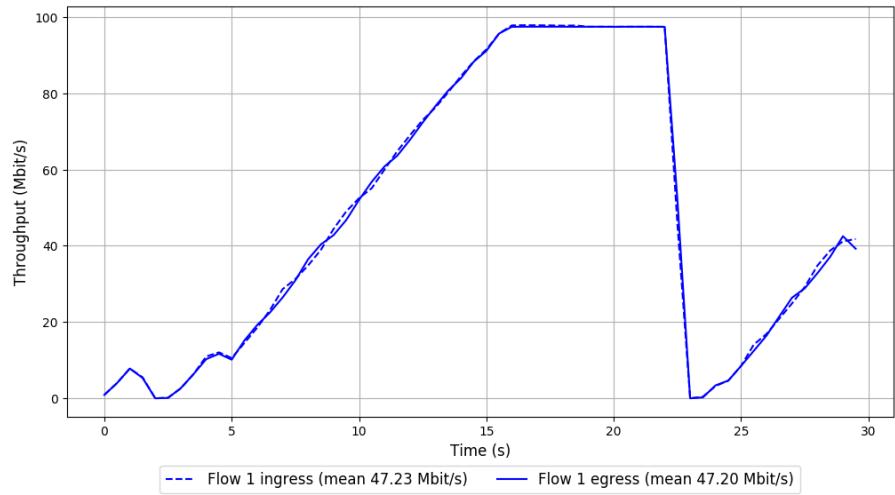


Run 5: Statistics of LEDBAT

```
Start at: 2017-11-21 00:42:17
End at: 2017-11-21 00:42:47
Local clock offset: 3.315 ms
Remote clock offset: -2.325 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 37.504 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 37.504 ms
Loss rate: 0.23%
```

## Run 5: Report of LEDBAT — Data Link

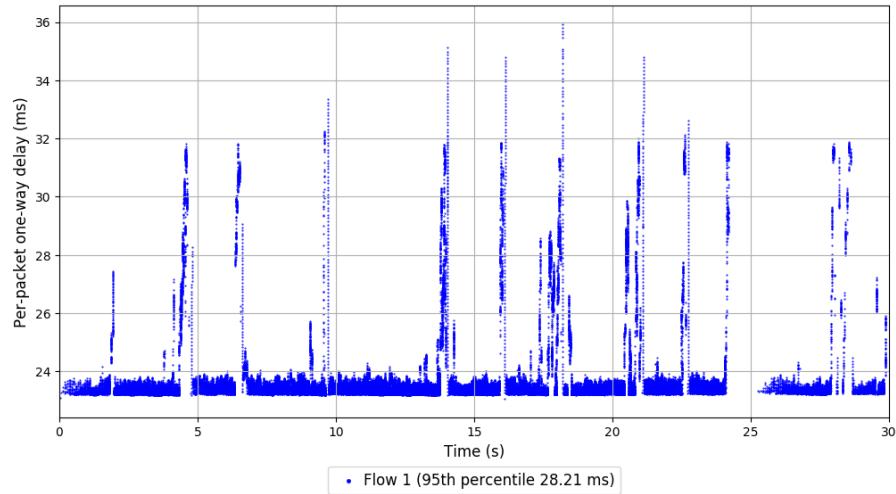
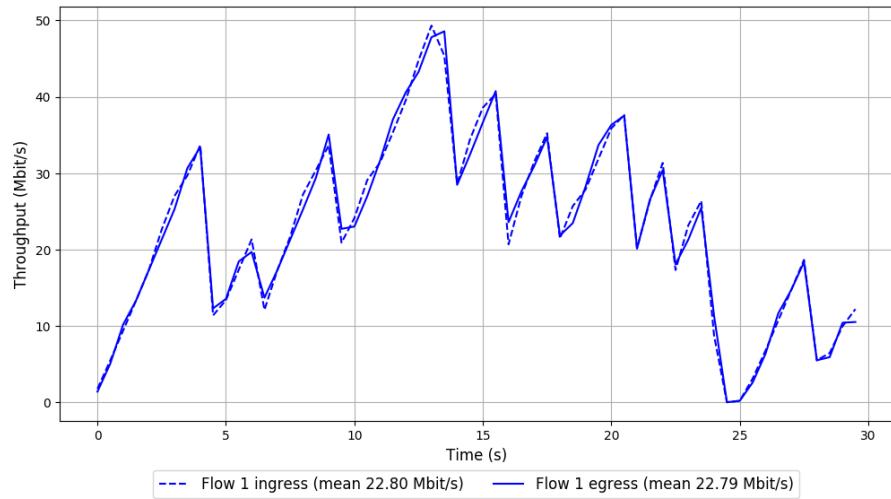


Run 6: Statistics of LEDBAT

```
Start at: 2017-11-21 01:01:02
End at: 2017-11-21 01:01:32
Local clock offset: 2.439 ms
Remote clock offset: 0.456 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 28.210 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 28.210 ms
Loss rate: 0.24%
```

Run 6: Report of LEDBAT — Data Link

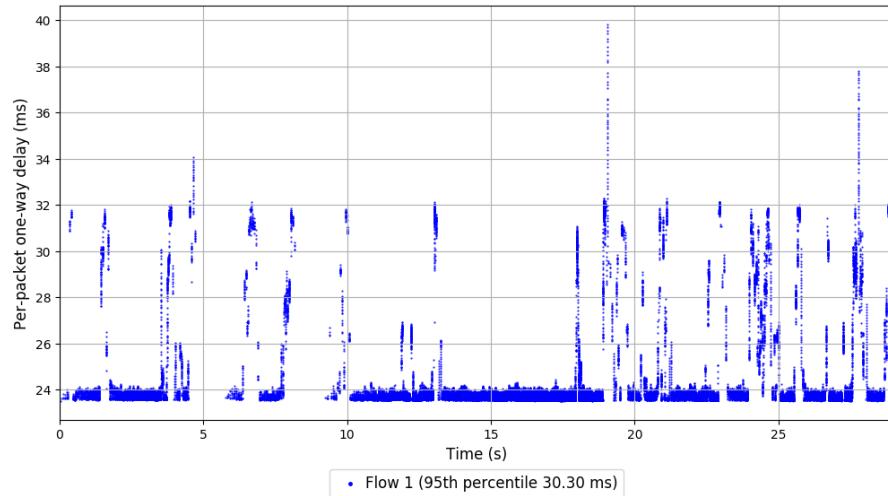
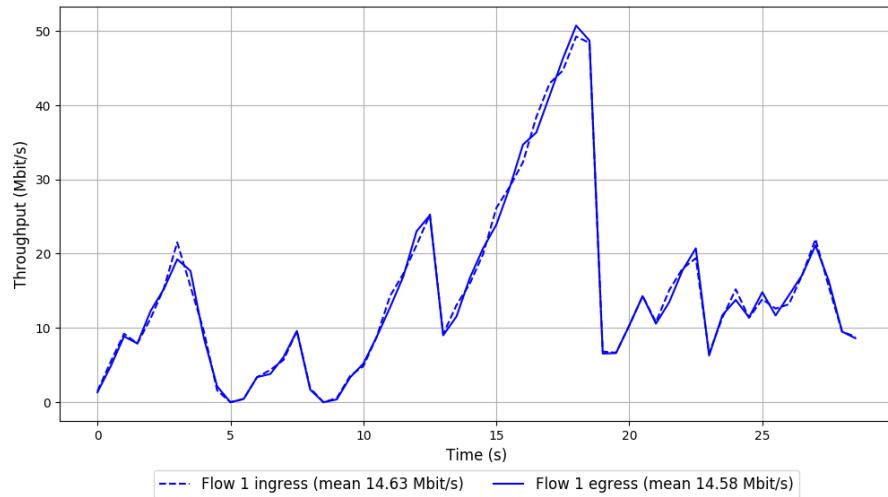


Run 7: Statistics of LEDBAT

```
Start at: 2017-11-21 01:20:18
End at: 2017-11-21 01:20:48
Local clock offset: 2.285 ms
Remote clock offset: 0.37 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.58 Mbit/s
95th percentile per-packet one-way delay: 30.301 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 14.58 Mbit/s
95th percentile per-packet one-way delay: 30.301 ms
Loss rate: 0.38%
```

## Run 7: Report of LEDBAT — Data Link

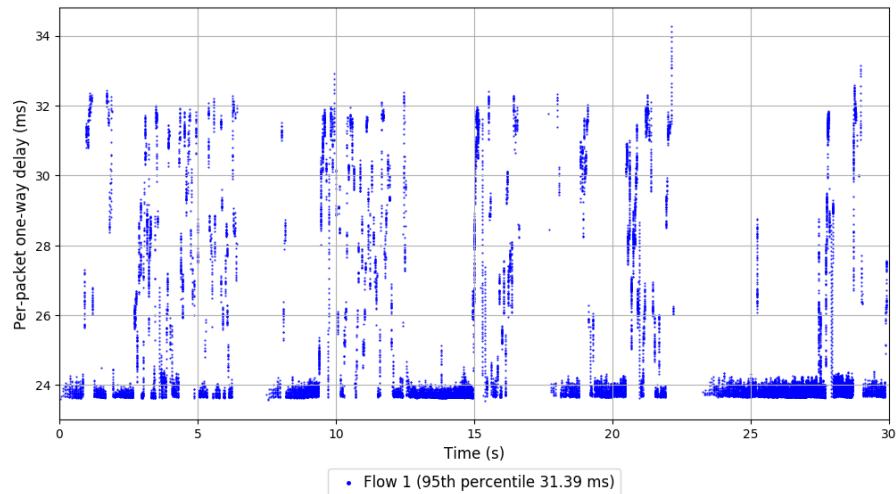
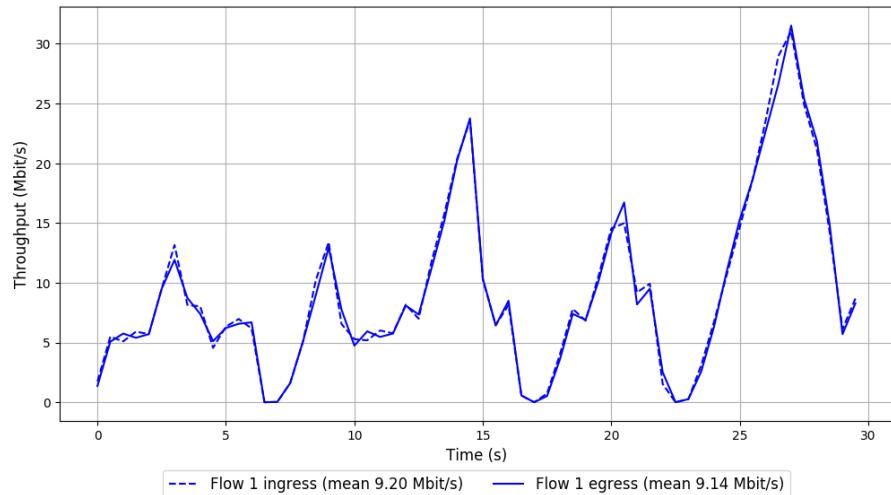


Run 8: Statistics of LEDBAT

```
Start at: 2017-11-21 01:40:22
End at: 2017-11-21 01:40:52
Local clock offset: 1.121 ms
Remote clock offset: -0.402 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 31.392 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 31.392 ms
Loss rate: 0.89%
```

Run 8: Report of LEDBAT — Data Link

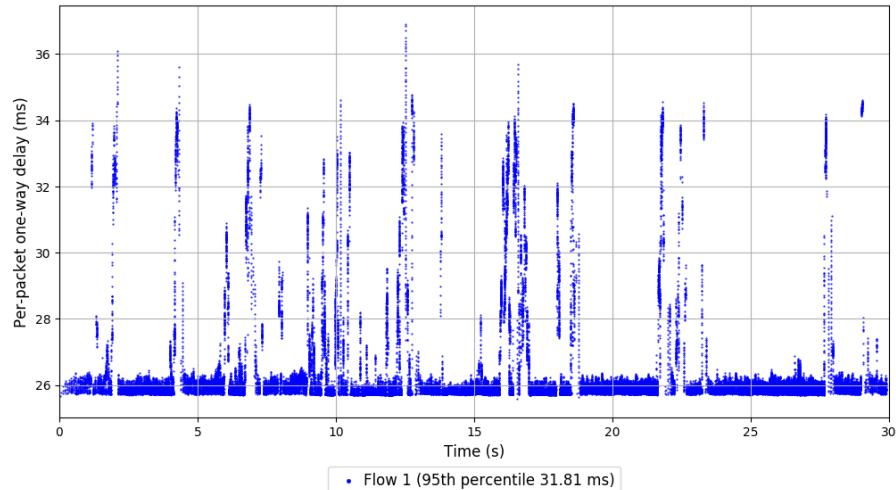
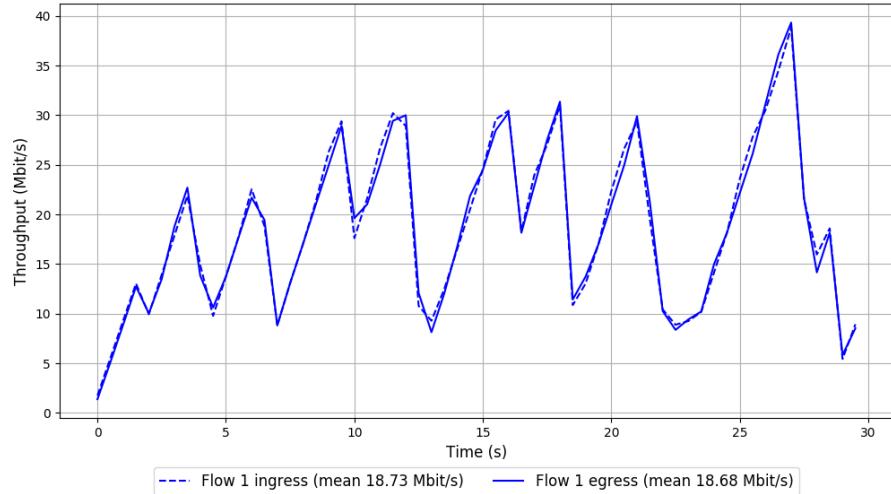


Run 9: Statistics of LEDBAT

```
Start at: 2017-11-21 02:00:47
End at: 2017-11-21 02:01:17
Local clock offset: 0.831 ms
Remote clock offset: -2.402 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.68 Mbit/s
95th percentile per-packet one-way delay: 31.807 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 18.68 Mbit/s
95th percentile per-packet one-way delay: 31.807 ms
Loss rate: 0.44%
```

## Run 9: Report of LEDBAT — Data Link

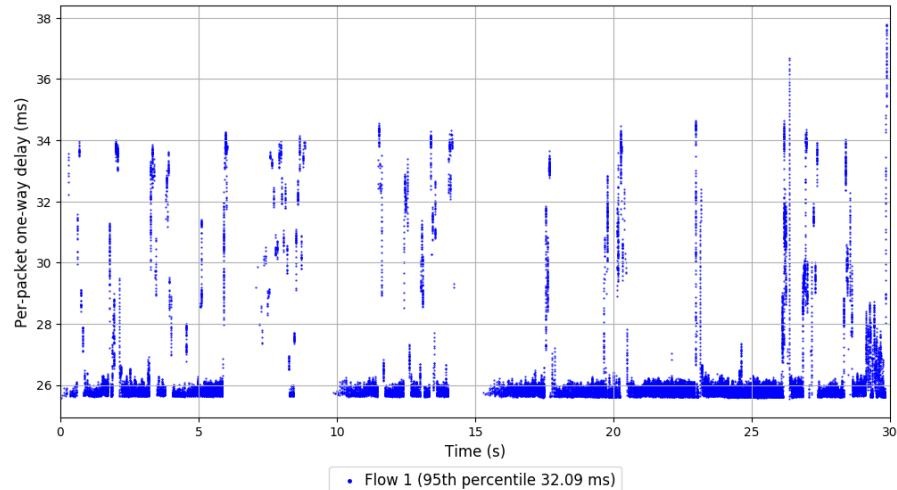
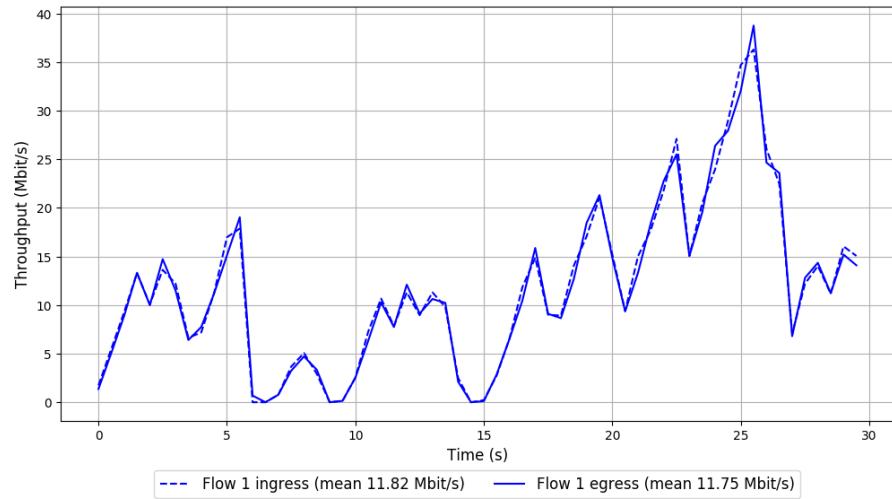


Run 10: Statistics of LEDBAT

```
Start at: 2017-11-21 02:20:43
End at: 2017-11-21 02:21:13
Local clock offset: 1.049 ms
Remote clock offset: -2.134 ms

# Below is generated by plot.py at 2017-11-21 06:10:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 32.088 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 32.088 ms
Loss rate: 0.78%
```

## Run 10: Report of LEDBAT — Data Link

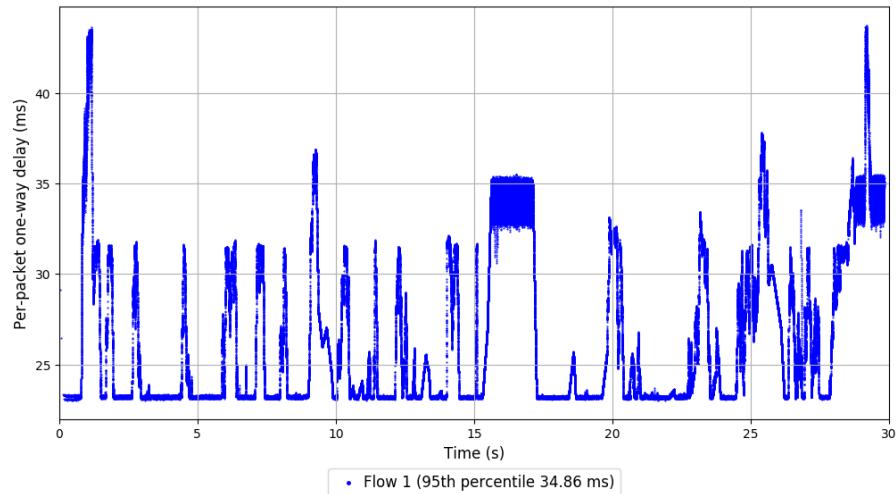
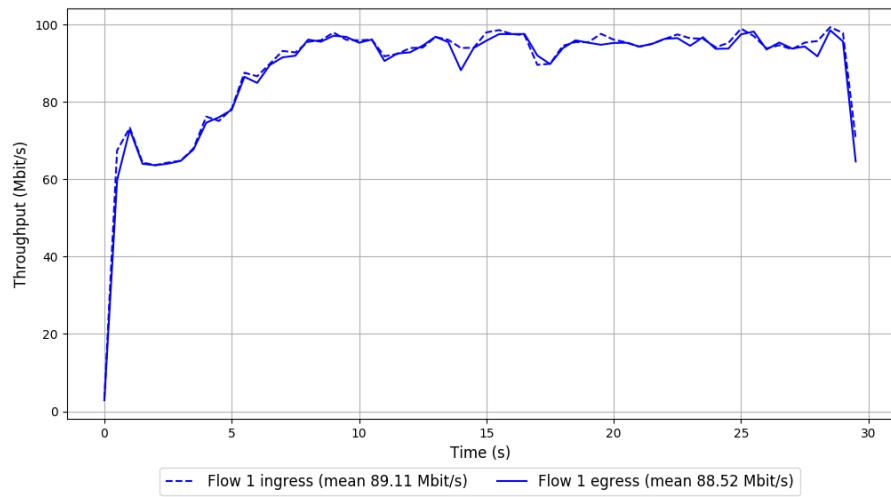


Run 1: Statistics of PCC

```
Start at: 2017-11-20 23:28:16
End at: 2017-11-20 23:28:46
Local clock offset: 2.099 ms
Remote clock offset: 1.594 ms

# Below is generated by plot.py at 2017-11-21 06:11:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.52 Mbit/s
95th percentile per-packet one-way delay: 34.862 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 88.52 Mbit/s
95th percentile per-packet one-way delay: 34.862 ms
Loss rate: 0.88%
```

### Run 1: Report of PCC — Data Link

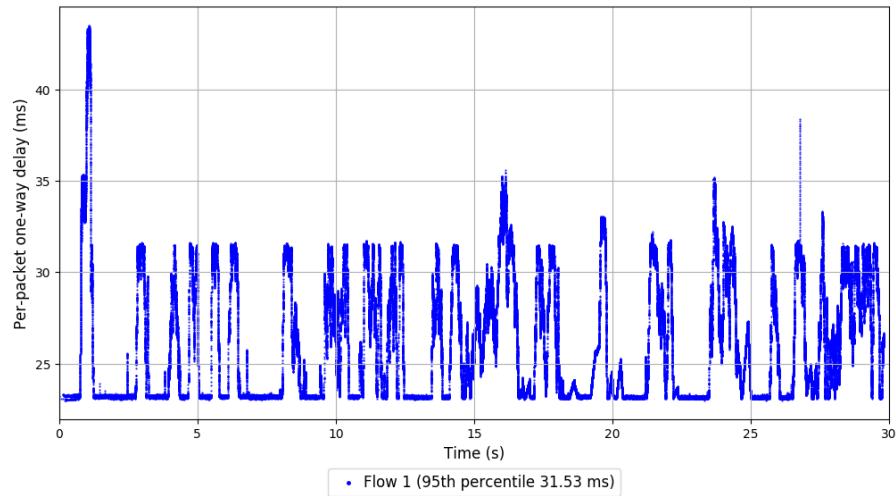
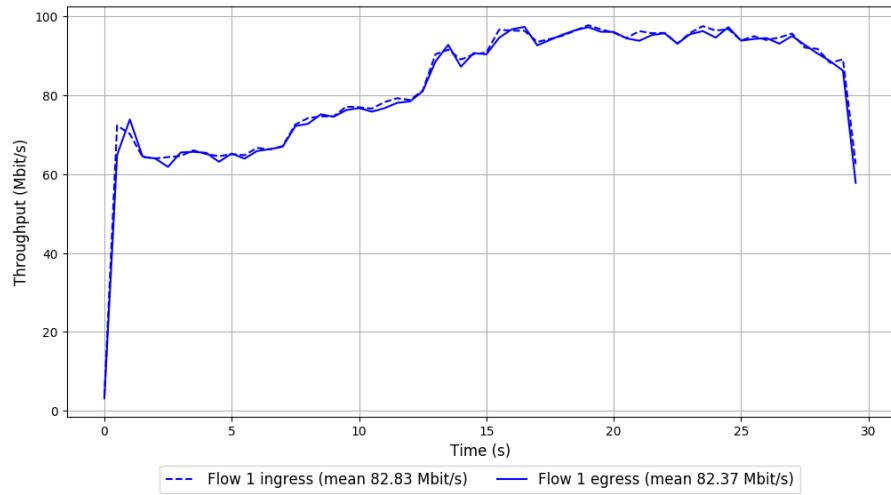


Run 2: Statistics of PCC

```
Start at: 2017-11-20 23:46:44
End at: 2017-11-20 23:47:14
Local clock offset: 1.441 ms
Remote clock offset: 0.326 ms

# Below is generated by plot.py at 2017-11-21 06:11:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.37 Mbit/s
95th percentile per-packet one-way delay: 31.532 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 82.37 Mbit/s
95th percentile per-packet one-way delay: 31.532 ms
Loss rate: 0.74%
```

## Run 2: Report of PCC — Data Link

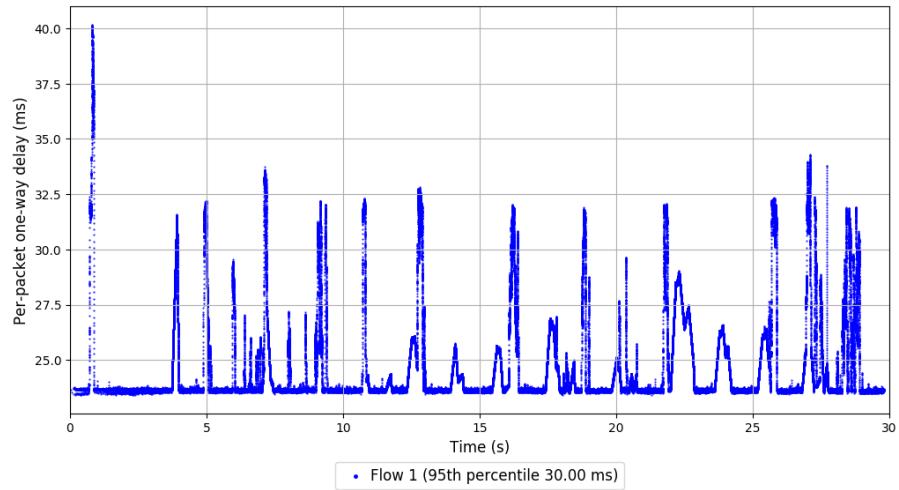
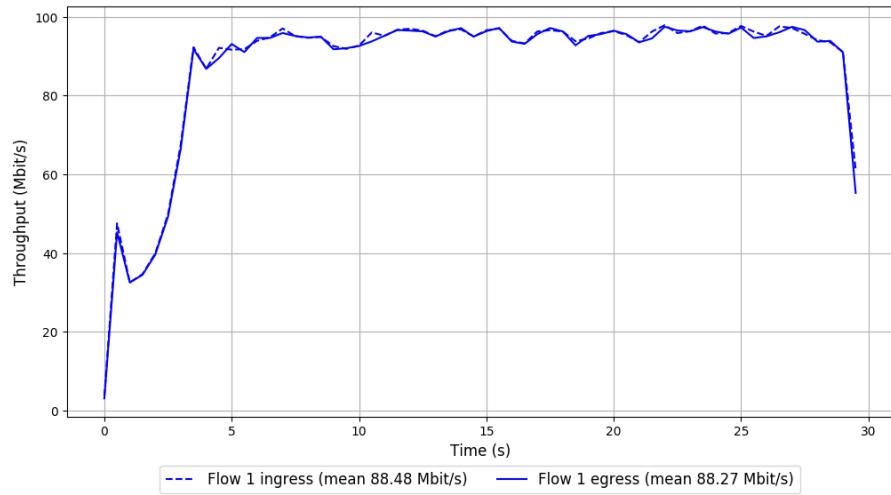


Run 3: Statistics of PCC

```
Start at: 2017-11-21 00:05:16
End at: 2017-11-21 00:05:46
Local clock offset: 2.289 ms
Remote clock offset: -0.466 ms

# Below is generated by plot.py at 2017-11-21 06:11:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 30.005 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 30.005 ms
Loss rate: 0.42%
```

### Run 3: Report of PCC — Data Link

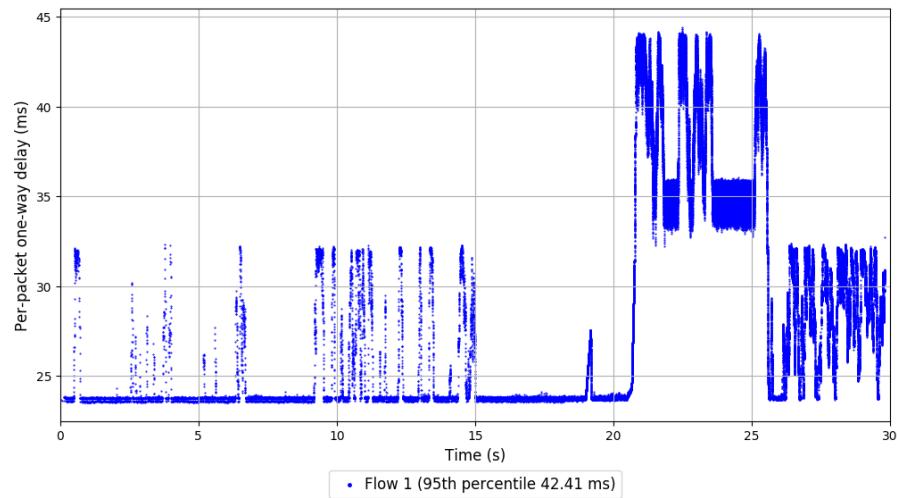
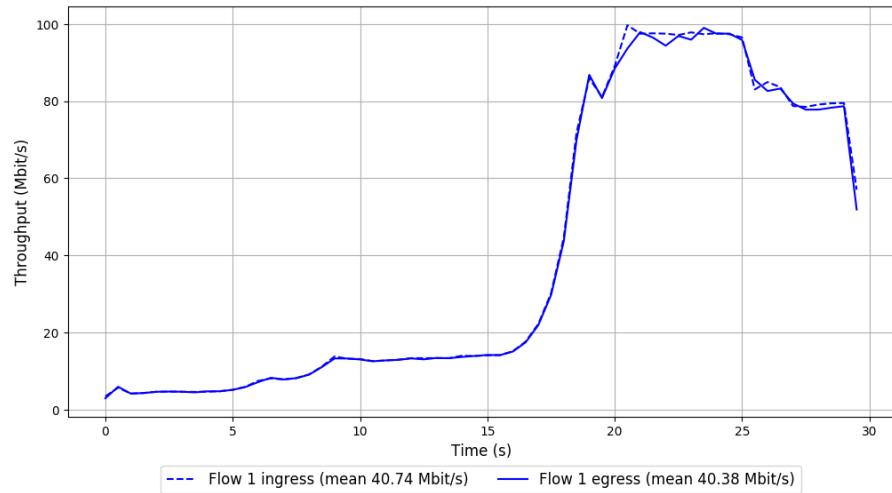


Run 4: Statistics of PCC

```
Start at: 2017-11-21 00:24:32
End at: 2017-11-21 00:25:02
Local clock offset: 3.568 ms
Remote clock offset: -0.62 ms

# Below is generated by plot.py at 2017-11-21 06:11:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.38 Mbit/s
95th percentile per-packet one-way delay: 42.407 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 40.38 Mbit/s
95th percentile per-packet one-way delay: 42.407 ms
Loss rate: 1.06%
```

## Run 4: Report of PCC — Data Link

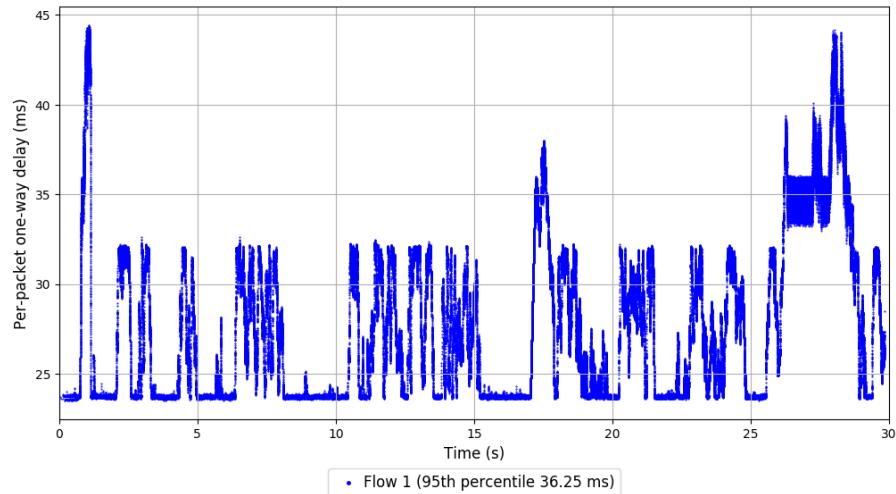
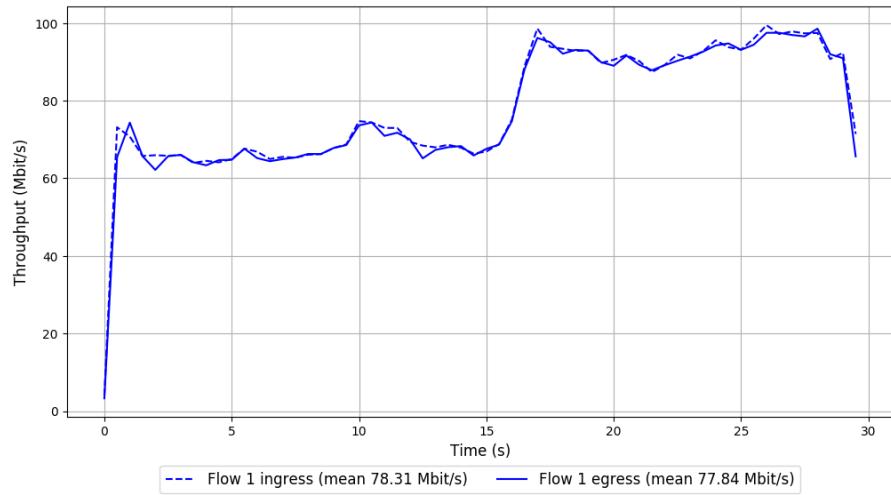


Run 5: Statistics of PCC

```
Start at: 2017-11-21 00:43:37
End at: 2017-11-21 00:44:07
Local clock offset: 3.369 ms
Remote clock offset: -0.359 ms

# Below is generated by plot.py at 2017-11-21 06:11:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 36.249 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 36.249 ms
Loss rate: 0.79%
```

### Run 5: Report of PCC — Data Link

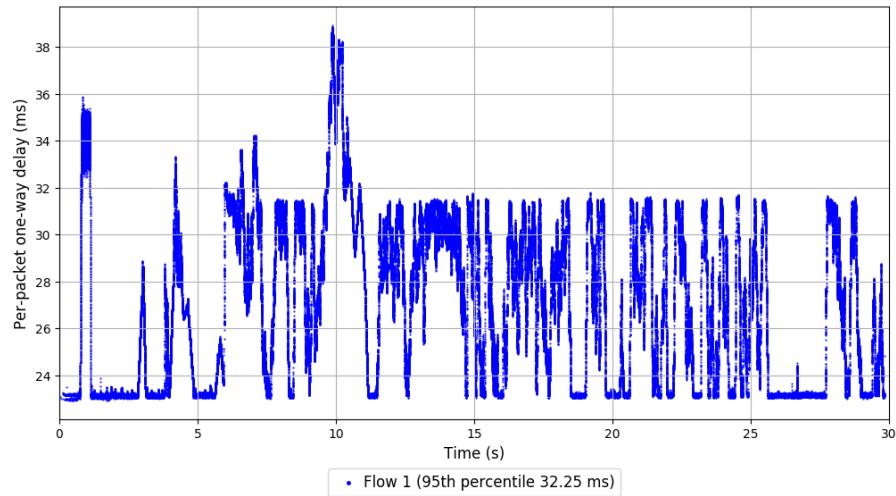
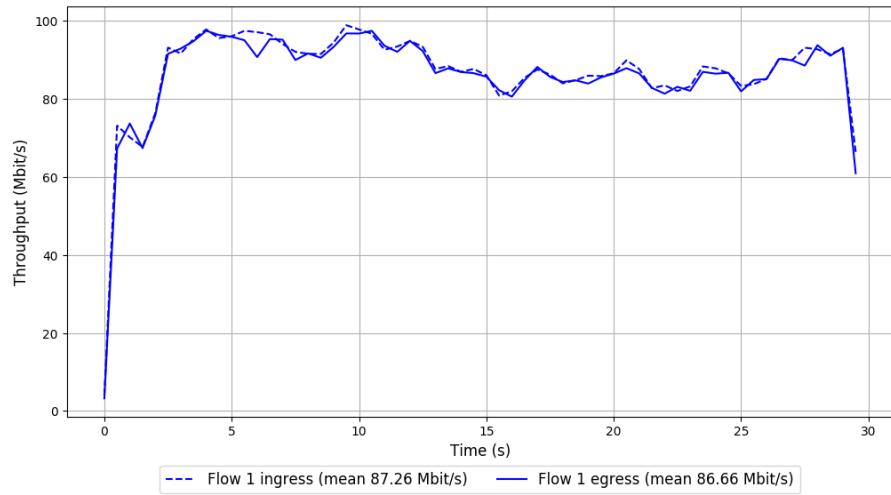


Run 6: Statistics of PCC

```
Start at: 2017-11-21 01:02:20
End at: 2017-11-21 01:02:50
Local clock offset: 2.379 ms
Remote clock offset: 0.535 ms

# Below is generated by plot.py at 2017-11-21 06:11:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.66 Mbit/s
95th percentile per-packet one-way delay: 32.246 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 86.66 Mbit/s
95th percentile per-packet one-way delay: 32.246 ms
Loss rate: 0.86%
```

## Run 6: Report of PCC — Data Link

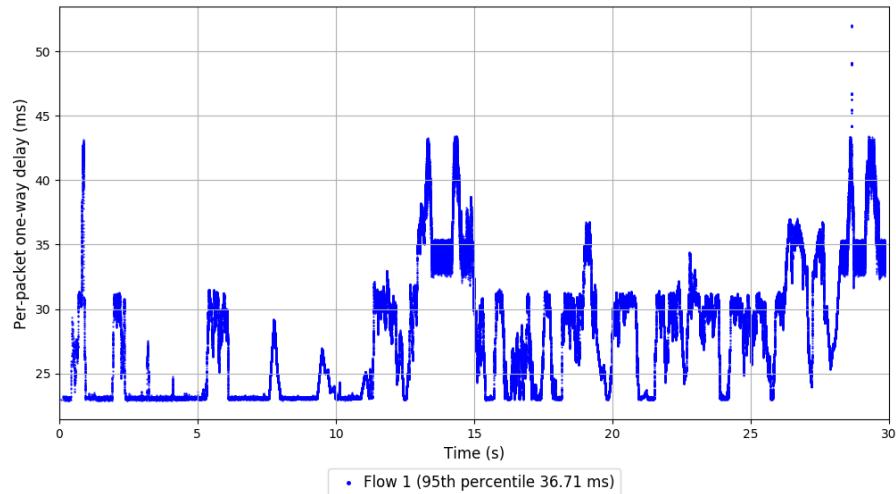
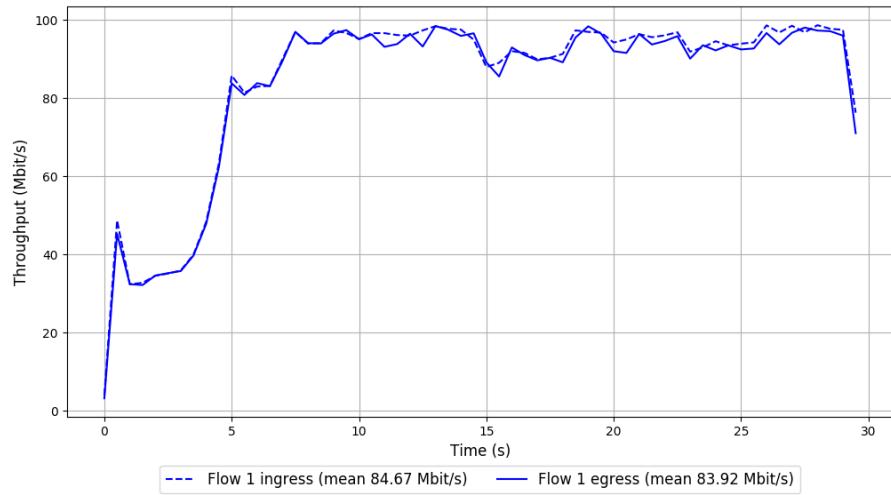


Run 7: Statistics of PCC

```
Start at: 2017-11-21 01:21:36
End at: 2017-11-21 01:22:06
Local clock offset: 2.418 ms
Remote clock offset: 0.828 ms

# Below is generated by plot.py at 2017-11-21 06:11:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.92 Mbit/s
95th percentile per-packet one-way delay: 36.712 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 83.92 Mbit/s
95th percentile per-packet one-way delay: 36.712 ms
Loss rate: 1.08%
```

### Run 7: Report of PCC — Data Link

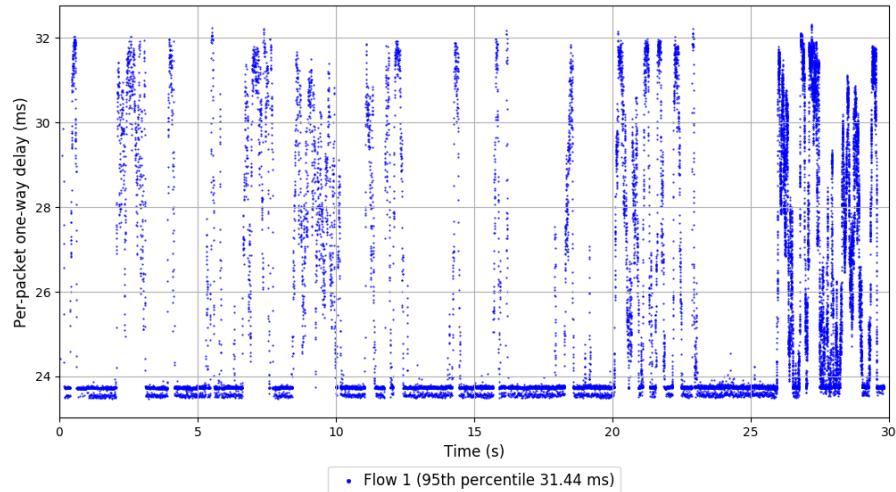
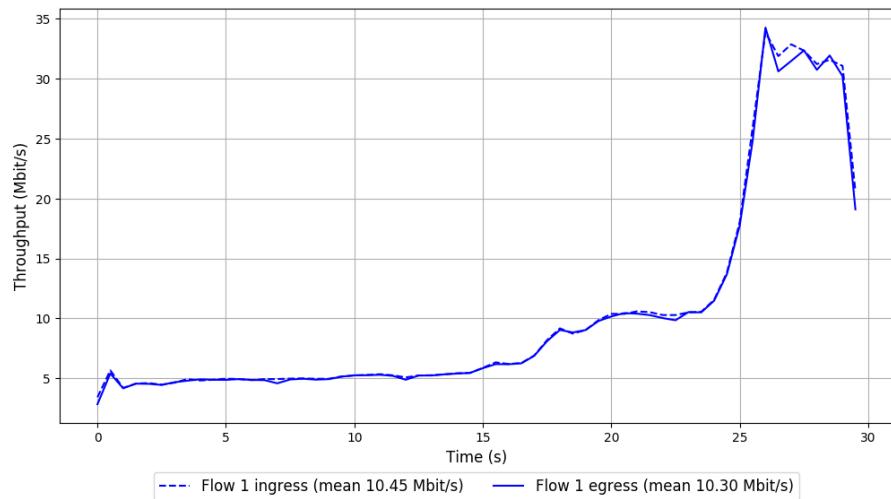


Run 8: Statistics of PCC

```
Start at: 2017-11-21 01:41:41
End at: 2017-11-21 01:42:11
Local clock offset: 1.11 ms
Remote clock offset: -0.376 ms

# Below is generated by plot.py at 2017-11-21 06:11:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.30 Mbit/s
95th percentile per-packet one-way delay: 31.442 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 10.30 Mbit/s
95th percentile per-packet one-way delay: 31.442 ms
Loss rate: 1.62%
```

## Run 8: Report of PCC — Data Link

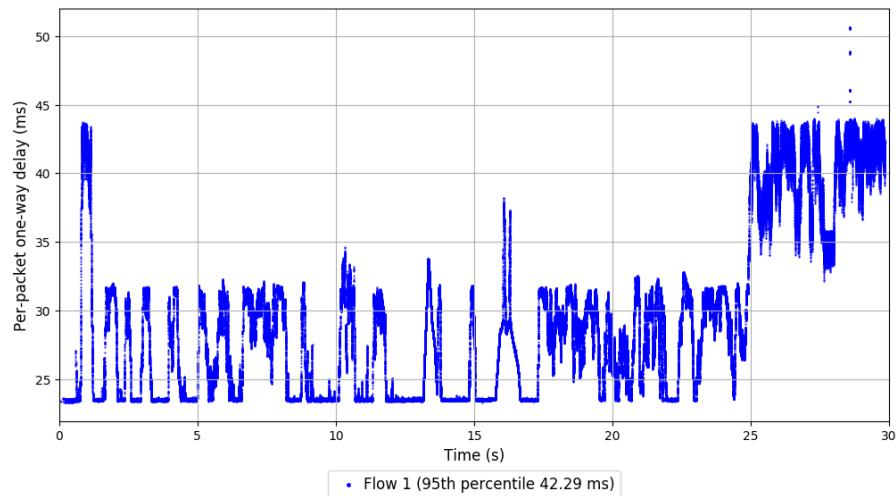
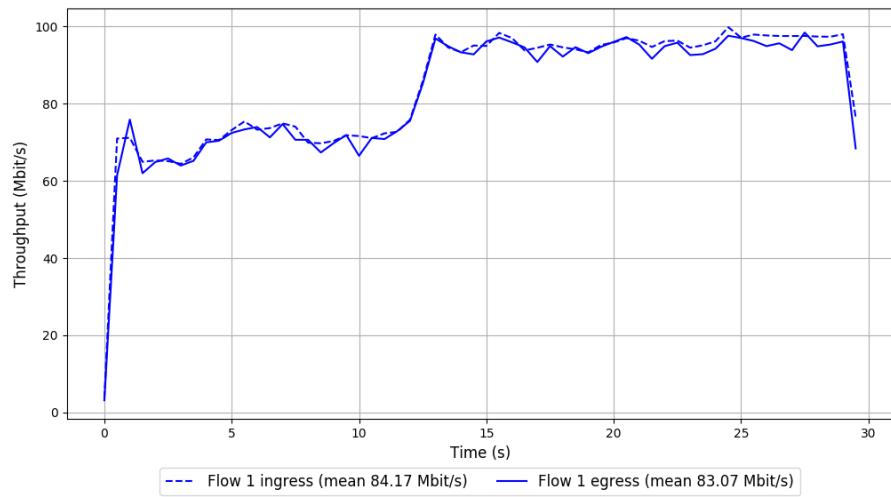


Run 9: Statistics of PCC

```
Start at: 2017-11-21 02:02:06
End at: 2017-11-21 02:02:36
Local clock offset: 0.816 ms
Remote clock offset: -0.223 ms

# Below is generated by plot.py at 2017-11-21 06:12:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.07 Mbit/s
95th percentile per-packet one-way delay: 42.294 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 83.07 Mbit/s
95th percentile per-packet one-way delay: 42.294 ms
Loss rate: 1.50%
```

### Run 9: Report of PCC — Data Link

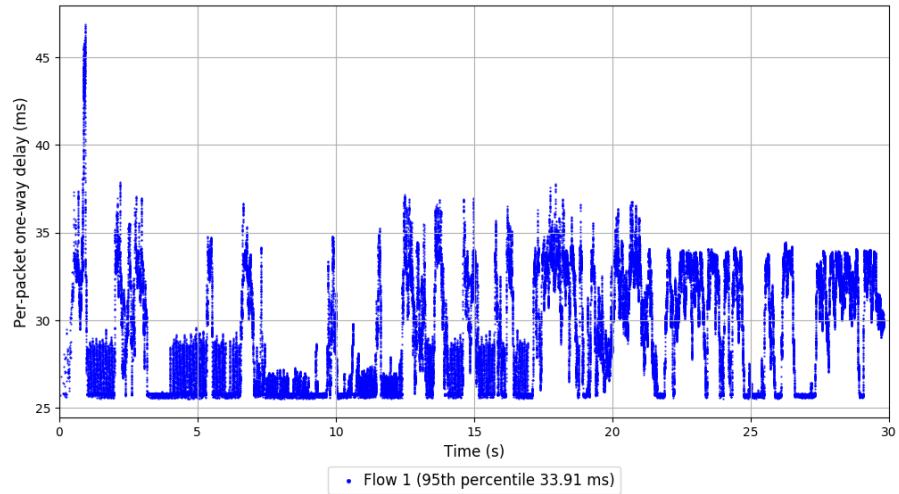
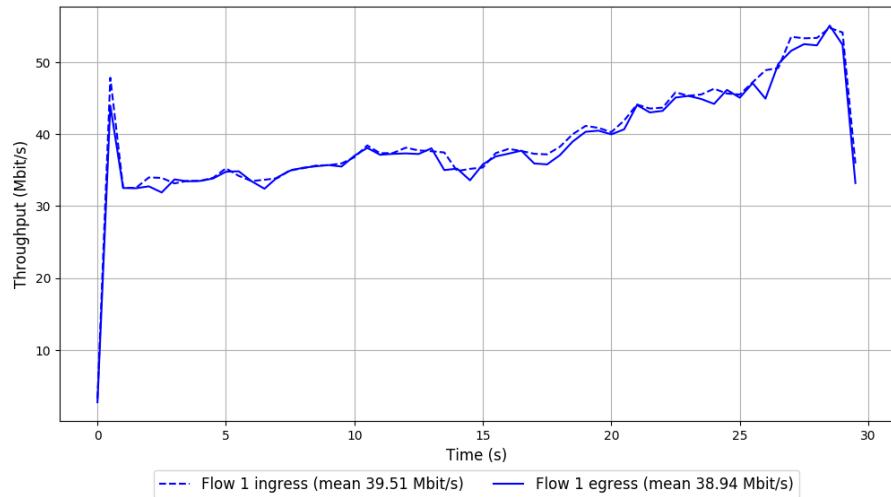


Run 10: Statistics of PCC

```
Start at: 2017-11-21 02:22:02
End at: 2017-11-21 02:22:32
Local clock offset: 0.976 ms
Remote clock offset: -2.33 ms

# Below is generated by plot.py at 2017-11-21 06:12:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.94 Mbit/s
95th percentile per-packet one-way delay: 33.909 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 38.94 Mbit/s
95th percentile per-packet one-way delay: 33.909 ms
Loss rate: 1.62%
```

## Run 10: Report of PCC — Data Link

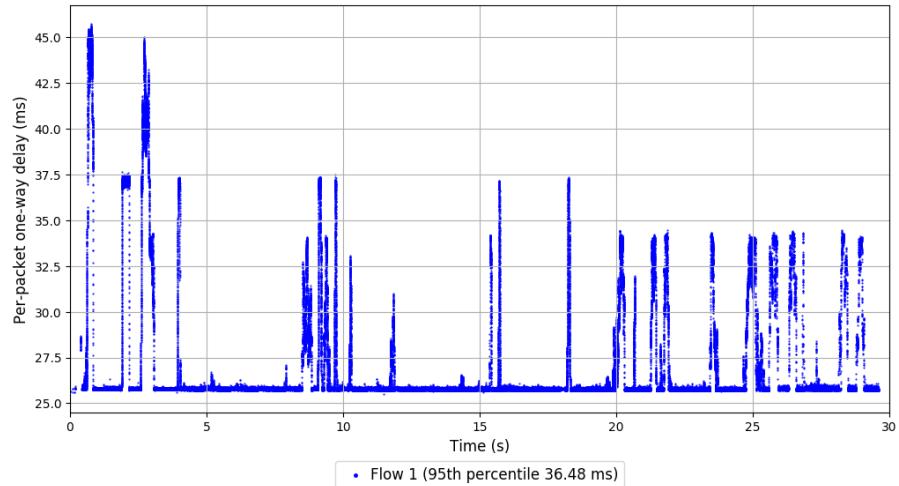
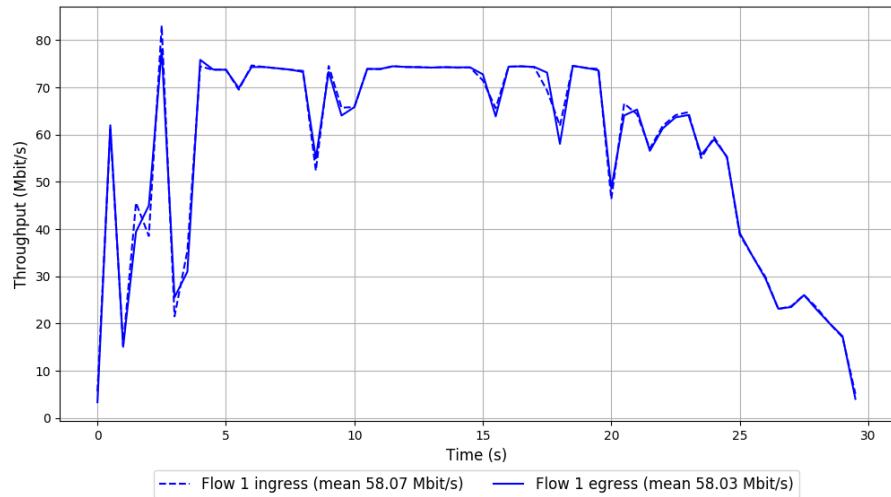


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2017-11-20 23:44:06
End at: 2017-11-20 23:44:36
Local clock offset: 1.331 ms
Remote clock offset: -1.989 ms

# Below is generated by plot.py at 2017-11-21 06:12:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.03 Mbit/s
95th percentile per-packet one-way delay: 36.477 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 58.03 Mbit/s
95th percentile per-packet one-way delay: 36.477 ms
Loss rate: 0.26%
```

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

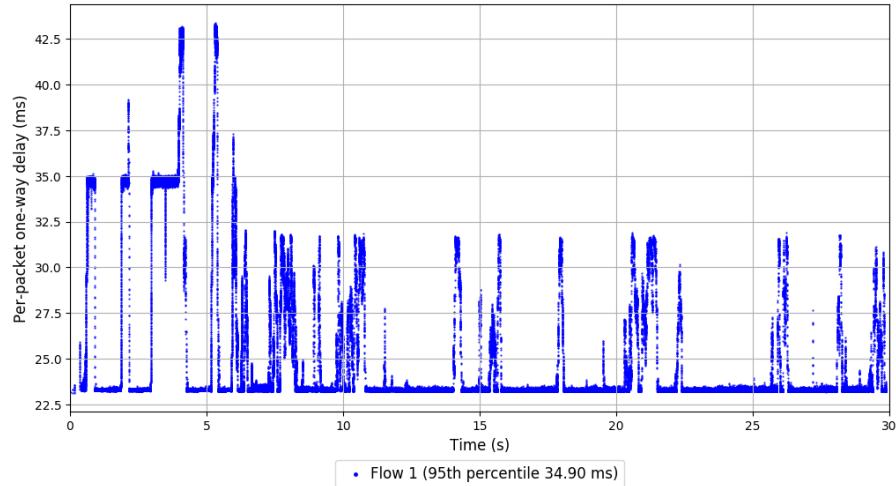
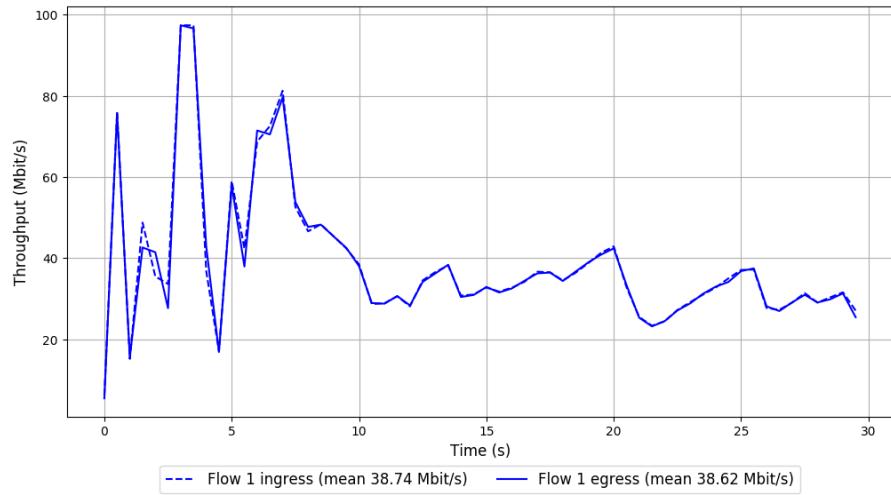


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-11-21 00:02:33
End at: 2017-11-21 00:03:03
Local clock offset: 2.102 ms
Remote clock offset: -0.086 ms

# Below is generated by plot.py at 2017-11-21 06:12:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.62 Mbit/s
95th percentile per-packet one-way delay: 34.900 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 38.62 Mbit/s
95th percentile per-packet one-way delay: 34.900 ms
Loss rate: 0.48%
```

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

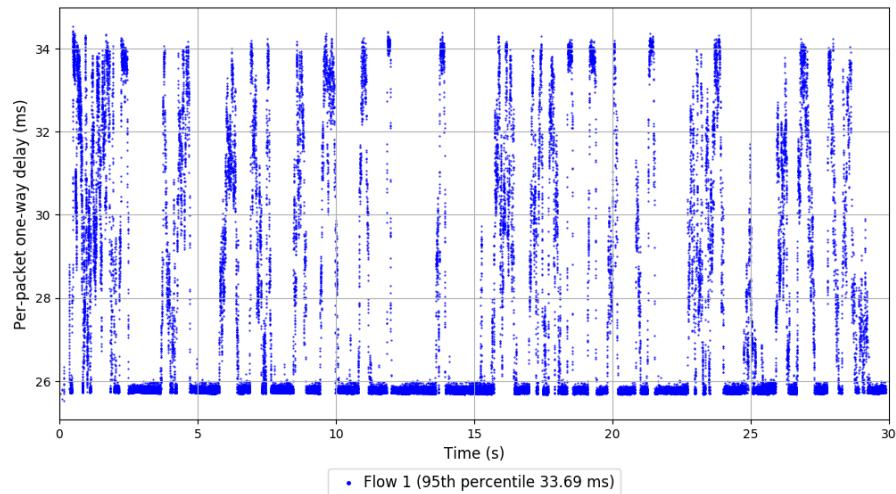
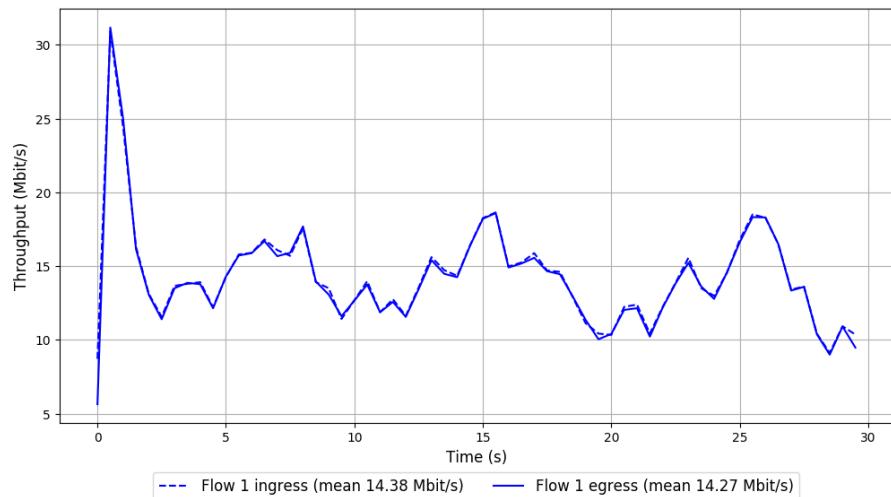


```
Run 3: Statistics of QUIC Cubic
```

```
Start at: 2017-11-21 00:21:57
End at: 2017-11-21 00:22:27
Local clock offset: 3.632 ms
Remote clock offset: -2.772 ms

# Below is generated by plot.py at 2017-11-21 06:12:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.27 Mbit/s
95th percentile per-packet one-way delay: 33.689 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 14.27 Mbit/s
95th percentile per-packet one-way delay: 33.689 ms
Loss rate: 0.93%
```

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

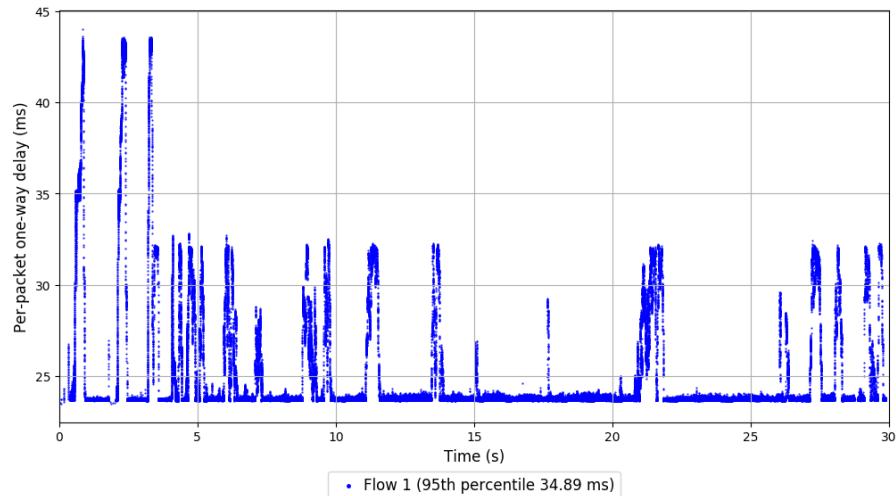
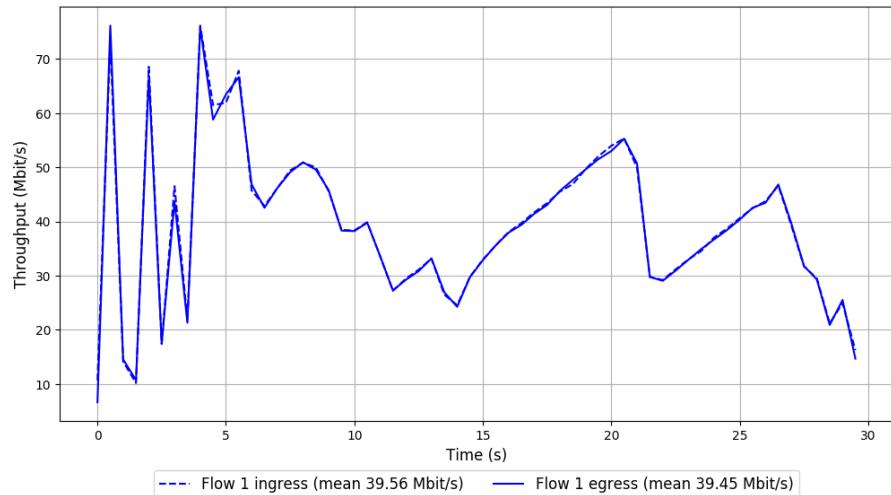


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-11-21 00:40:58
End at: 2017-11-21 00:41:28
Local clock offset: 3.209 ms
Remote clock offset: -0.393 ms

# Below is generated by plot.py at 2017-11-21 06:12:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.45 Mbit/s
95th percentile per-packet one-way delay: 34.888 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 39.45 Mbit/s
95th percentile per-packet one-way delay: 34.888 ms
Loss rate: 0.47%
```

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

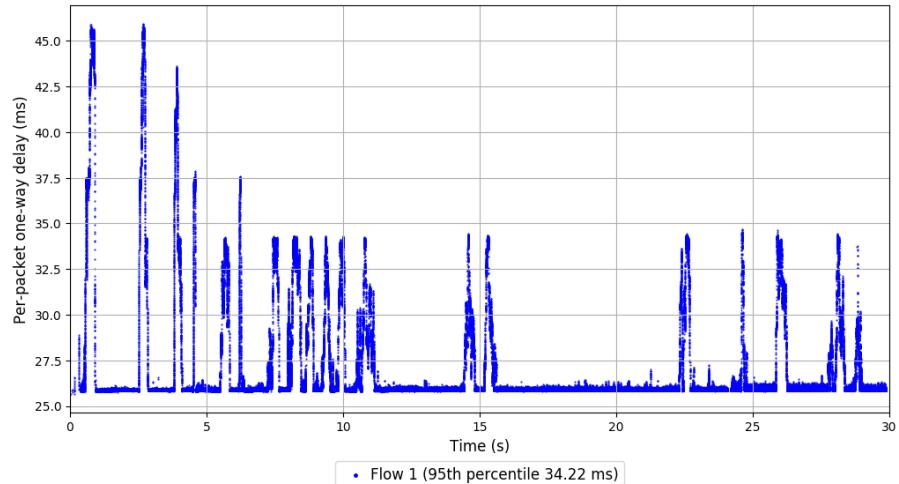
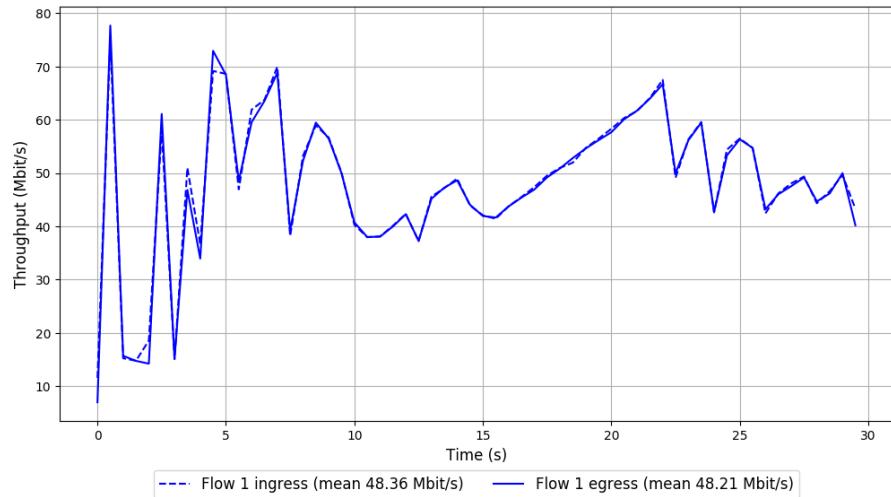


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-11-21 00:59:43
End at: 2017-11-21 01:00:13
Local clock offset: 2.512 ms
Remote clock offset: -2.204 ms

# Below is generated by plot.py at 2017-11-21 06:12:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.21 Mbit/s
95th percentile per-packet one-way delay: 34.224 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 48.21 Mbit/s
95th percentile per-packet one-way delay: 34.224 ms
Loss rate: 0.48%
```

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

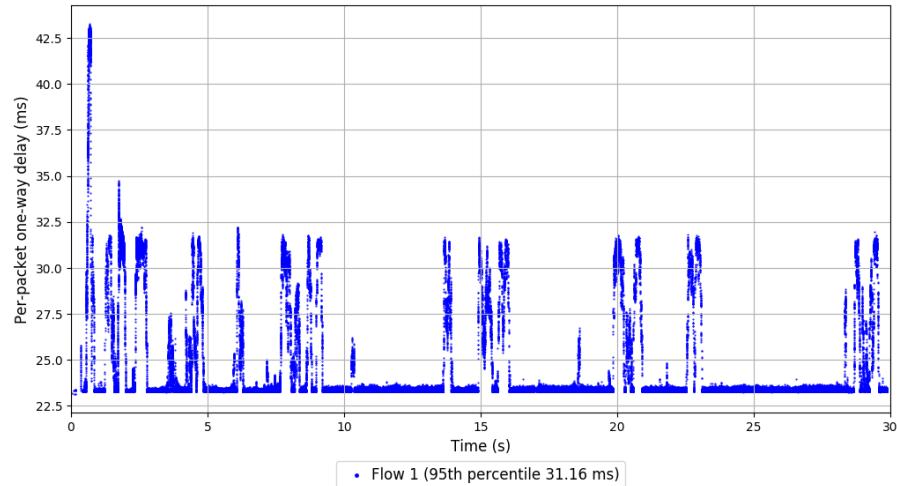
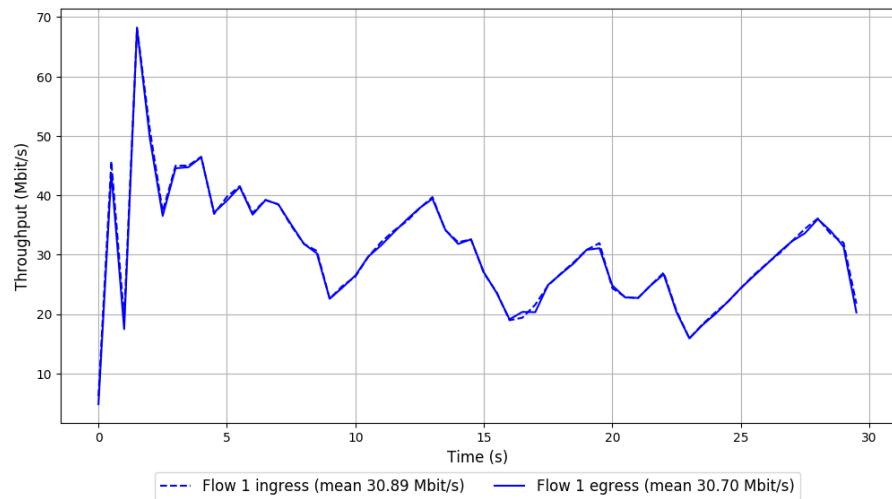


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-11-21 01:18:58
End at: 2017-11-21 01:19:28
Local clock offset: 2.348 ms
Remote clock offset: 0.694 ms

# Below is generated by plot.py at 2017-11-21 06:12:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.70 Mbit/s
95th percentile per-packet one-way delay: 31.161 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 30.70 Mbit/s
95th percentile per-packet one-way delay: 31.161 ms
Loss rate: 0.79%
```

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

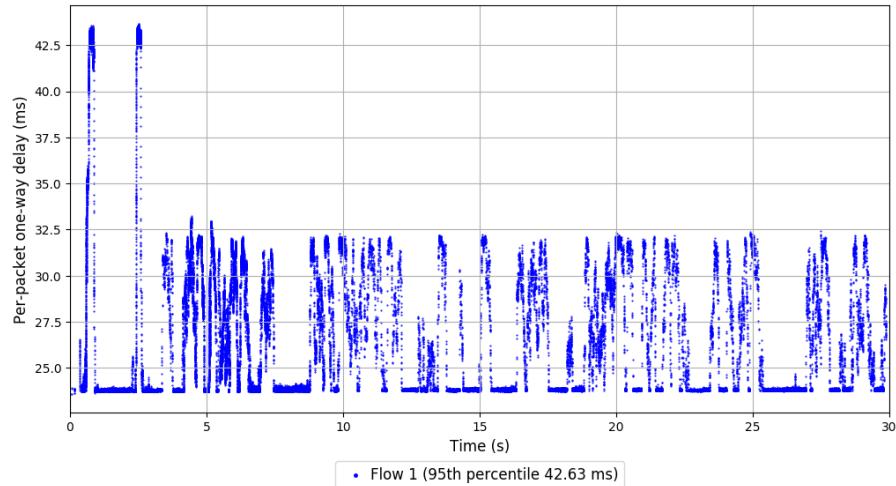
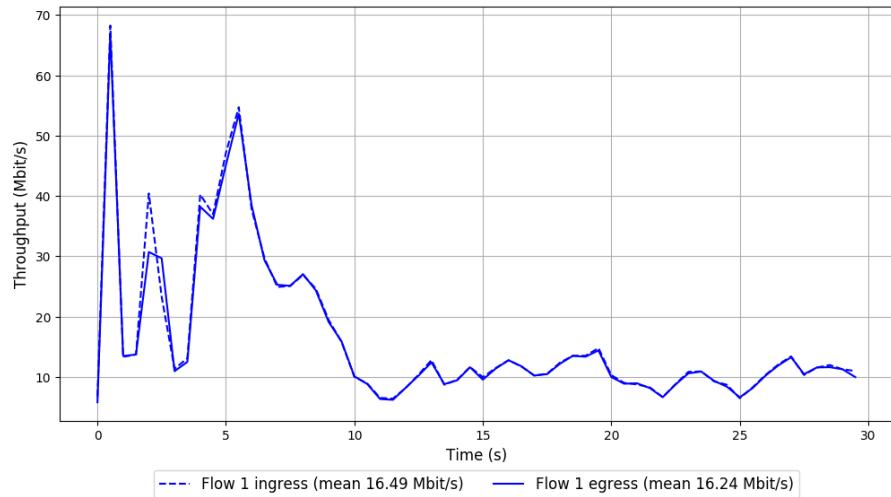


```
Run 7: Statistics of QUIC Cubic
```

```
Start at: 2017-11-21 01:39:03
End at: 2017-11-21 01:39:33
Local clock offset: 1.292 ms
Remote clock offset: -0.379 ms

# Below is generated by plot.py at 2017-11-21 06:12:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.24 Mbit/s
95th percentile per-packet one-way delay: 42.632 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 16.24 Mbit/s
95th percentile per-packet one-way delay: 42.632 ms
Loss rate: 1.70%
```

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

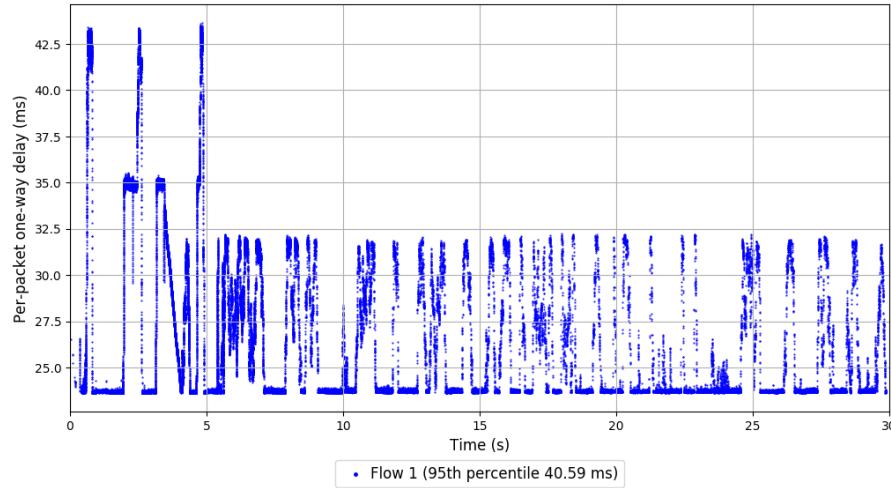
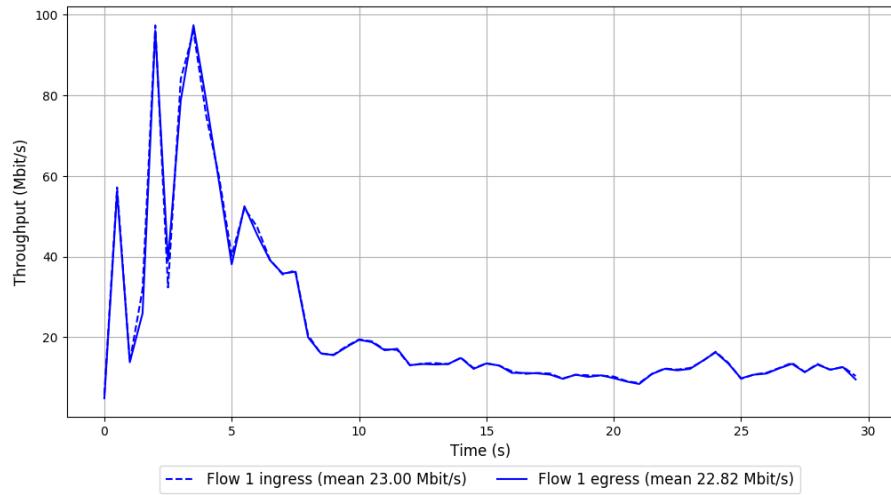


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-11-21 01:59:25
End at: 2017-11-21 01:59:55
Local clock offset: 0.833 ms
Remote clock offset: -0.346 ms

# Below is generated by plot.py at 2017-11-21 06:12:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.82 Mbit/s
95th percentile per-packet one-way delay: 40.594 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 22.82 Mbit/s
95th percentile per-packet one-way delay: 40.594 ms
Loss rate: 0.99%
```

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

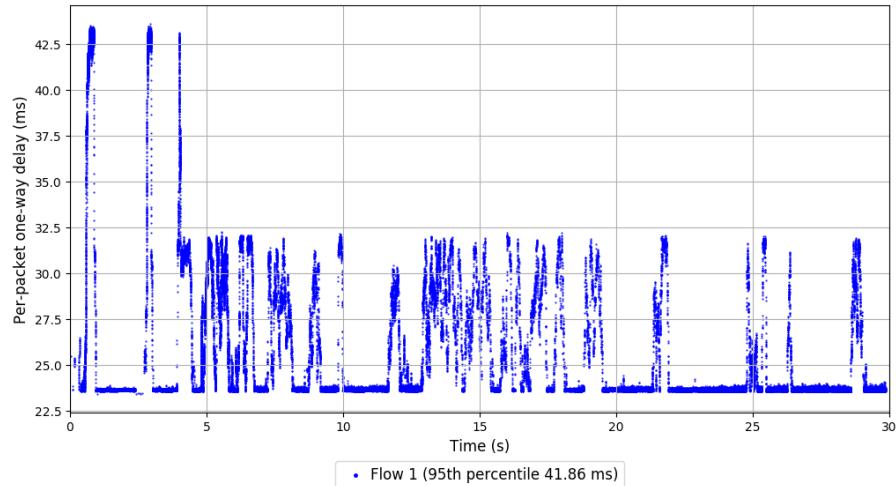
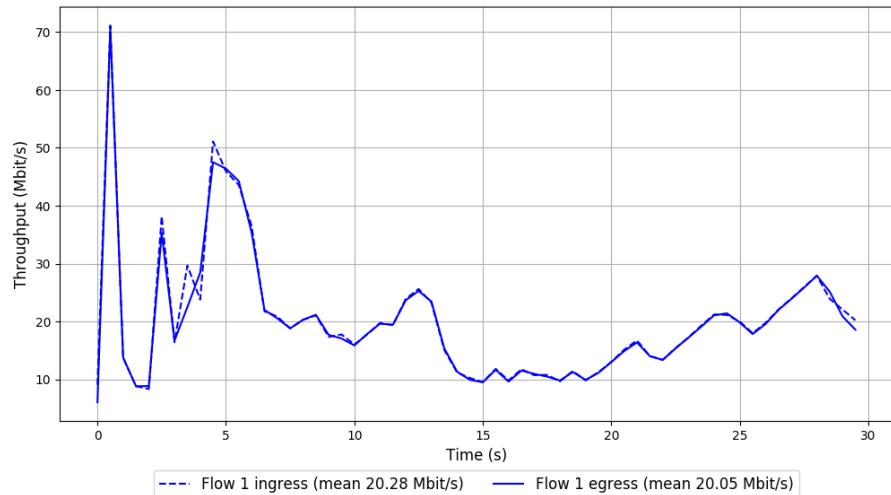


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-11-21 02:19:25
End at: 2017-11-21 02:19:55
Local clock offset: 1.005 ms
Remote clock offset: -0.088 ms

# Below is generated by plot.py at 2017-11-21 06:12:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.05 Mbit/s
95th percentile per-packet one-way delay: 41.863 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 20.05 Mbit/s
95th percentile per-packet one-way delay: 41.863 ms
Loss rate: 1.33%
```

Run 9: Report of QUIC Cubic — Data Link

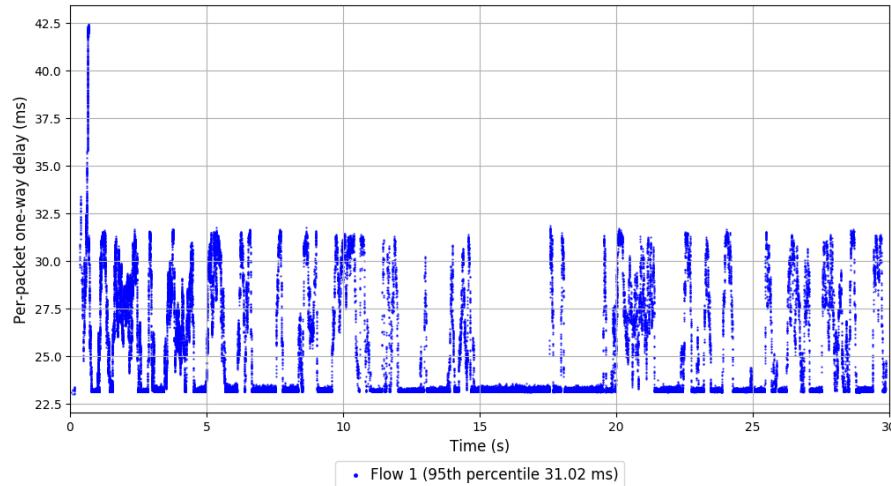
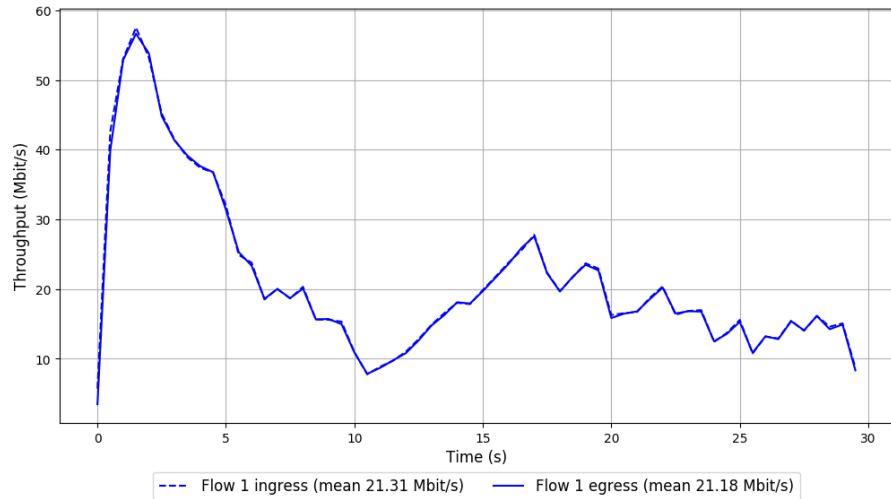


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-11-21 02:38:51
End at: 2017-11-21 02:39:21
Local clock offset: 1.335 ms
Remote clock offset: -0.468 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.18 Mbit/s
95th percentile per-packet one-way delay: 31.021 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 21.18 Mbit/s
95th percentile per-packet one-way delay: 31.021 ms
Loss rate: 0.79%
```

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

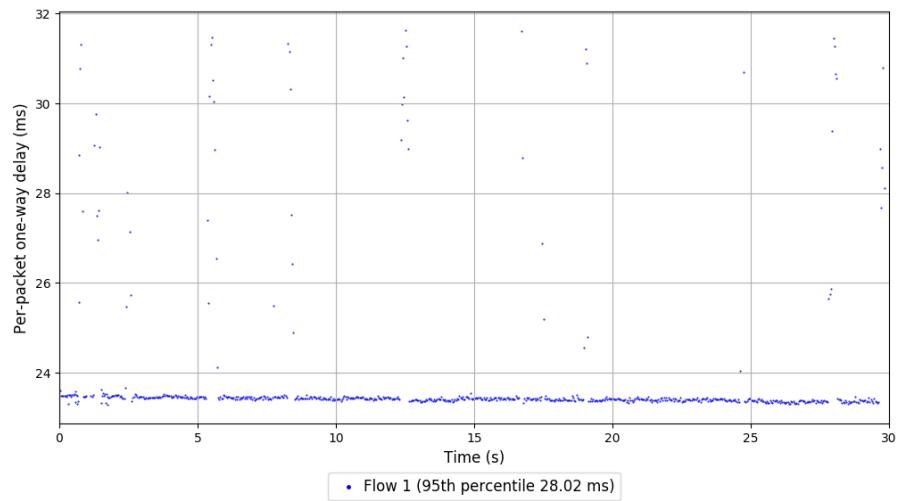
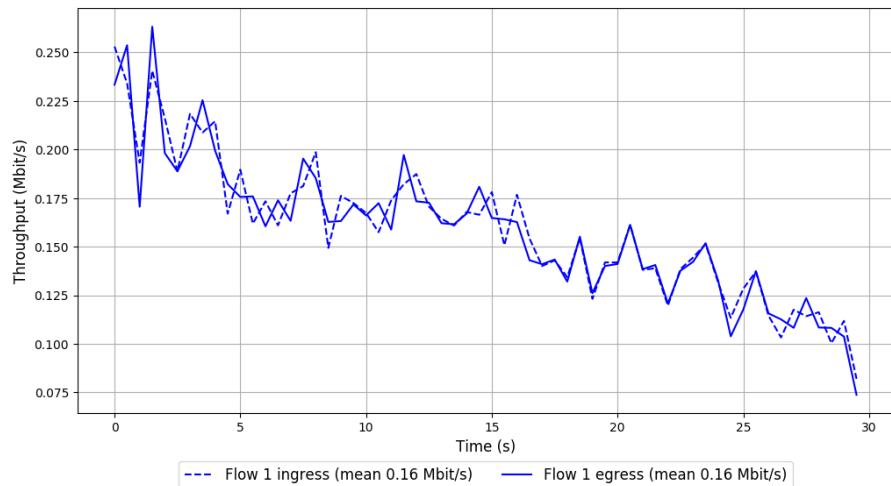


Run 1: Statistics of SCReAM

```
Start at: 2017-11-20 23:38:44
End at: 2017-11-20 23:39:14
Local clock offset: 1.132 ms
Remote clock offset: 0.531 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 28.019 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 28.019 ms
Loss rate: 0.70%
```

Run 1: Report of SCReAM — Data Link

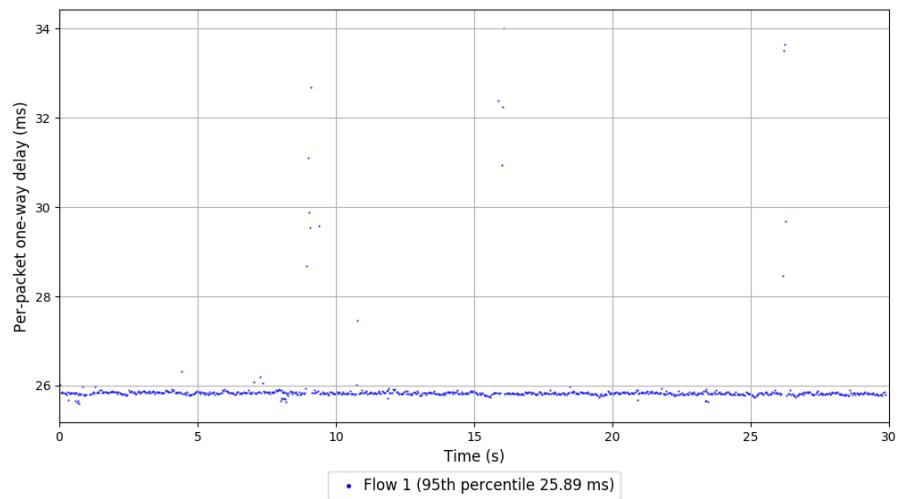
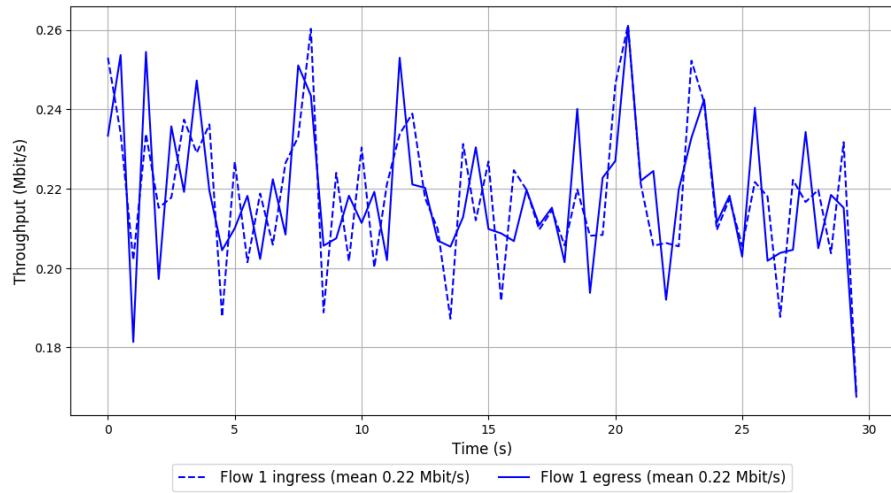


Run 2: Statistics of SCReAM

```
Start at: 2017-11-20 23:57:17
End at: 2017-11-20 23:57:47
Local clock offset: 1.823 ms
Remote clock offset: -2.549 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.892 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.892 ms
Loss rate: 0.13%
```

## Run 2: Report of SCReAM — Data Link

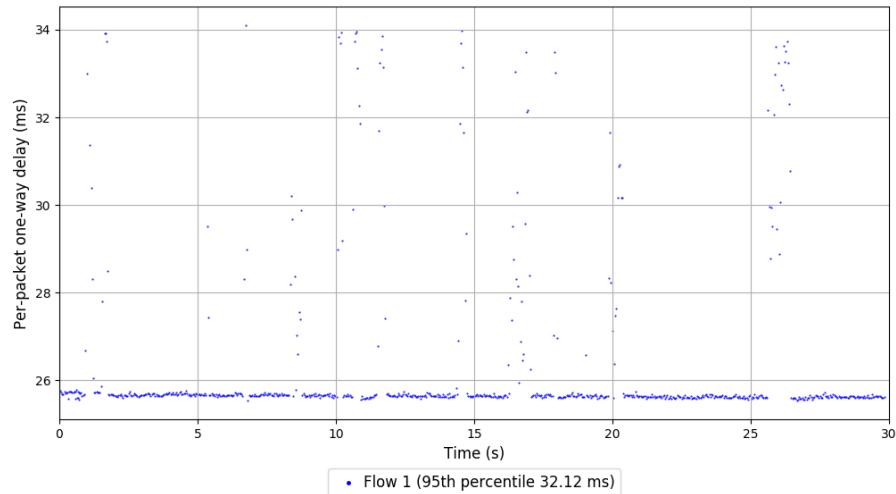
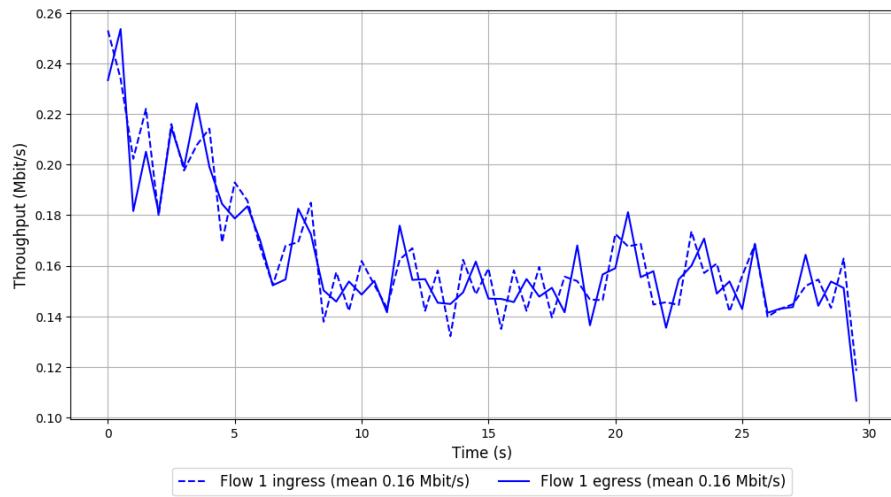


Run 3: Statistics of SCReAM

```
Start at: 2017-11-21 00:16:15
End at: 2017-11-21 00:16:45
Local clock offset: 3.079 ms
Remote clock offset: -2.753 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 32.121 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 32.121 ms
Loss rate: 0.58%
```

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

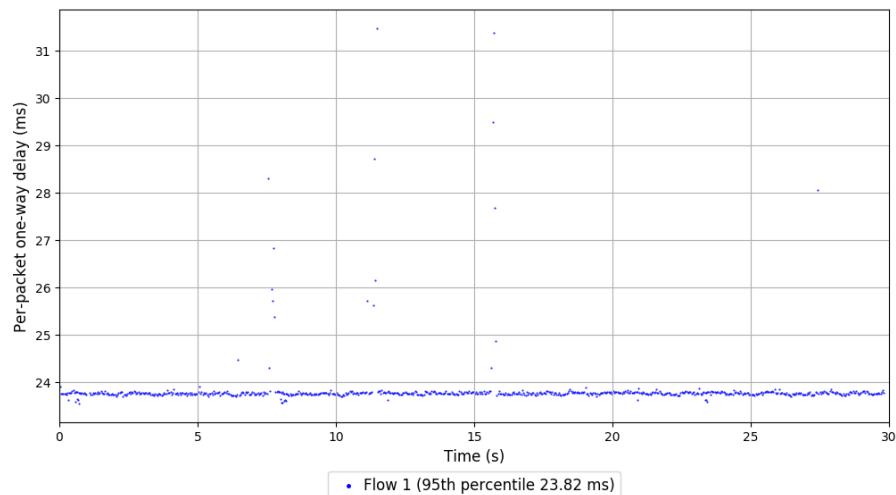
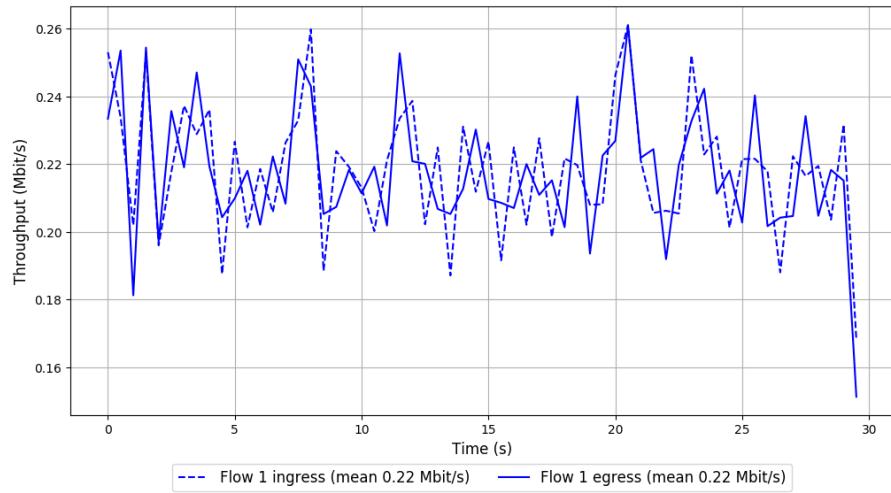


Run 4: Statistics of SCReAM

```
Start at: 2017-11-21 00:35:24
End at: 2017-11-21 00:35:54
Local clock offset: 3.201 ms
Remote clock offset: -0.474 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.819 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.819 ms
Loss rate: 0.25%
```

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

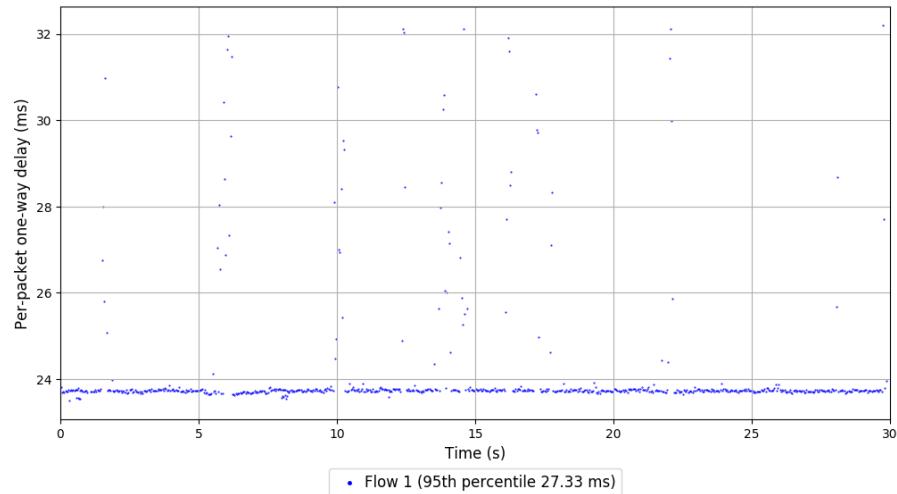
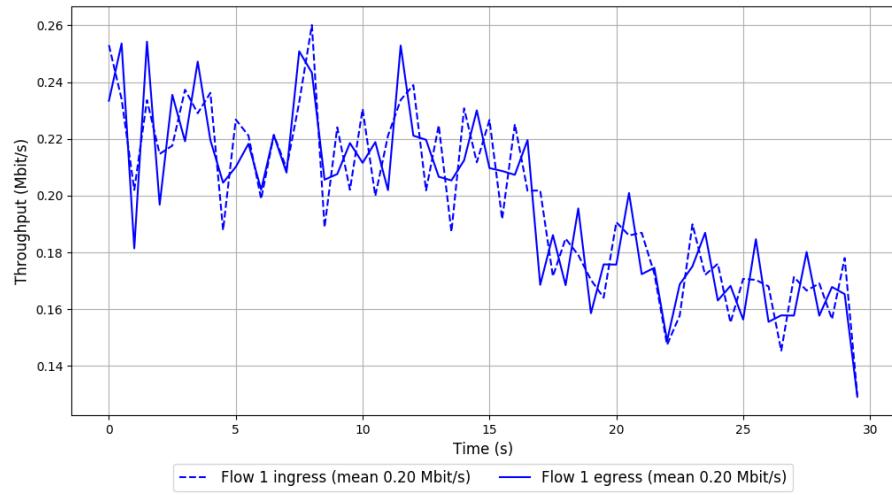


Run 5: Statistics of SCReAM

```
Start at: 2017-11-21 00:54:19
End at: 2017-11-21 00:54:49
Local clock offset: 2.874 ms
Remote clock offset: -0.197 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 27.328 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 27.328 ms
Loss rate: 0.27%
```

Run 5: Report of SCReAM — Data Link

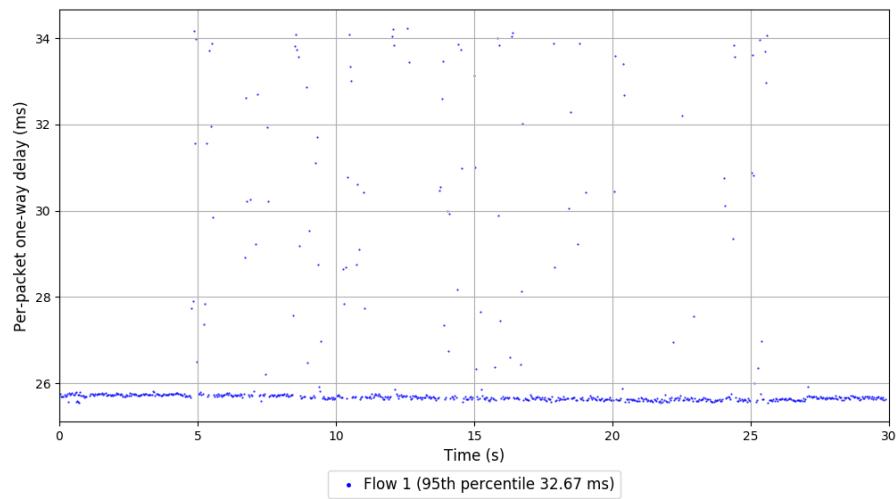
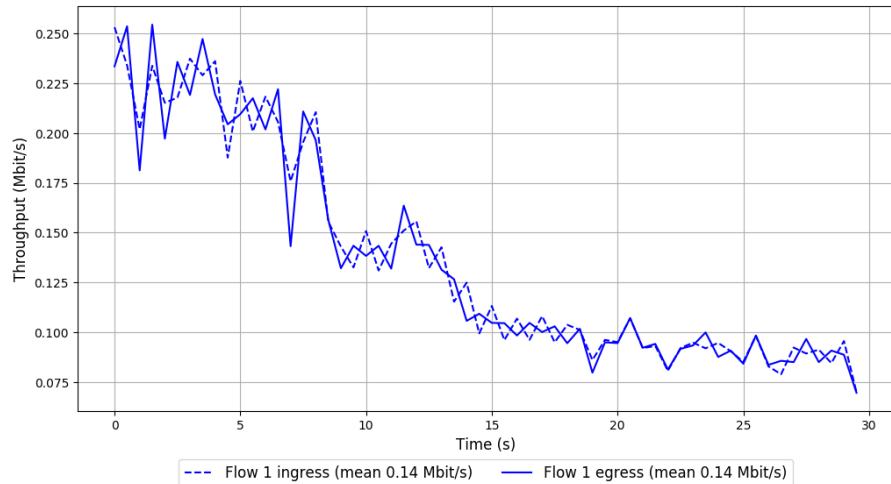


Run 6: Statistics of SCReAM

```
Start at: 2017-11-21 01:13:09
End at: 2017-11-21 01:13:39
Local clock offset: 2.142 ms
Remote clock offset: -1.926 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 32.667 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 32.667 ms
Loss rate: 0.67%
```

## Run 6: Report of SCReAM — Data Link

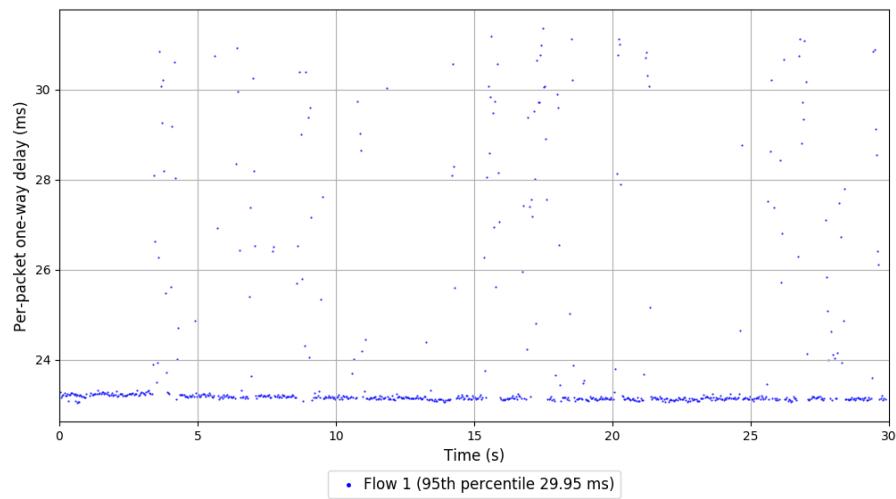
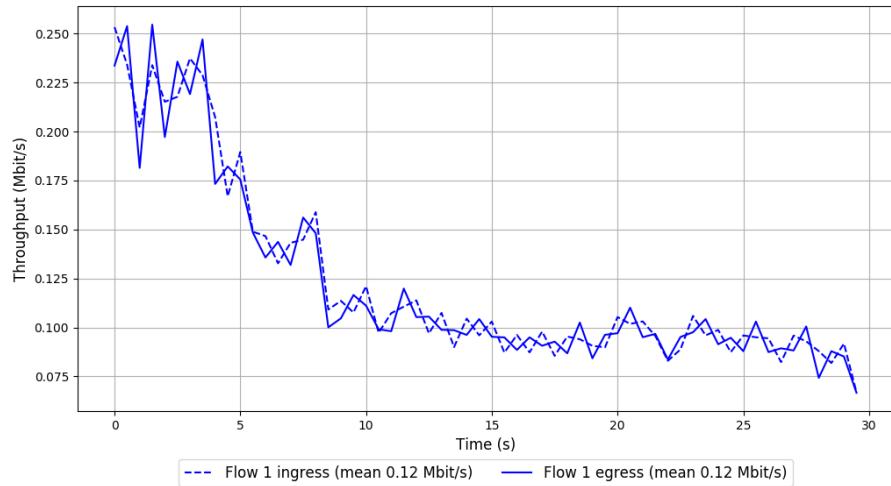


Run 7: Statistics of SCReAM

```
Start at: 2017-11-21 01:32:46
End at: 2017-11-21 01:33:16
Local clock offset: 1.768 ms
Remote clock offset: 0.301 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 29.952 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 29.952 ms
Loss rate: 1.02%
```

Run 7: Report of SCReAM — Data Link



Run 8: Statistics of SCReAM

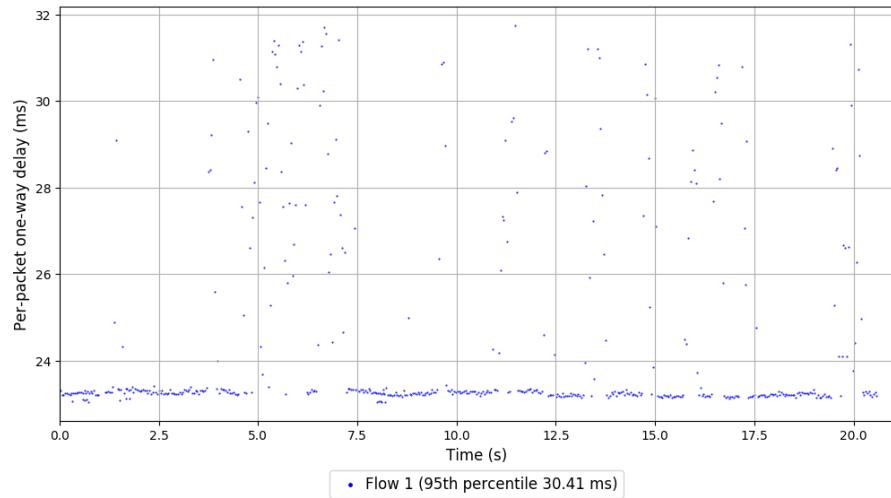
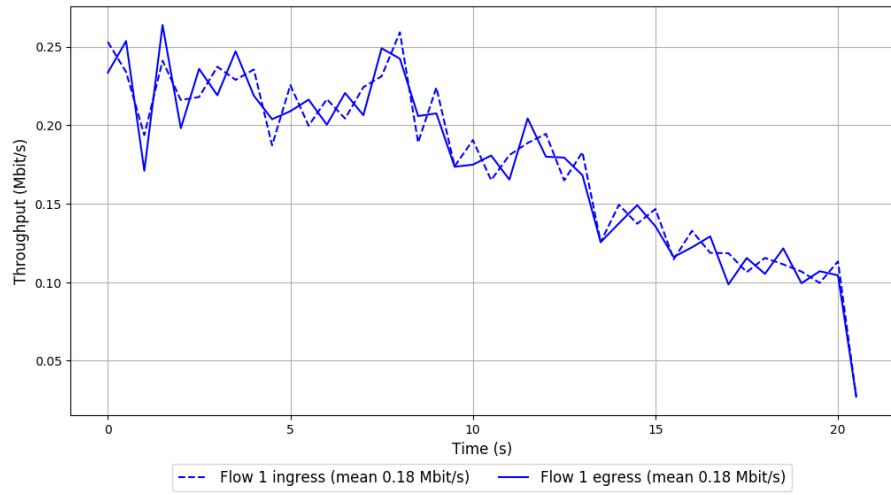
Start at: 2017-11-21 01:52:59

End at: 2017-11-21 01:53:29

Local clock offset: 0.919 ms

Remote clock offset: 0.03 ms

Run 8: Report of SCReAM — Data Link

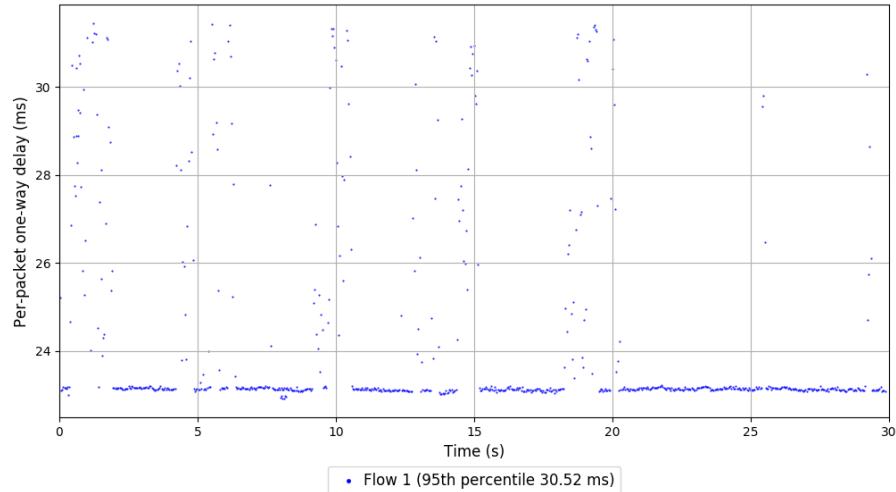
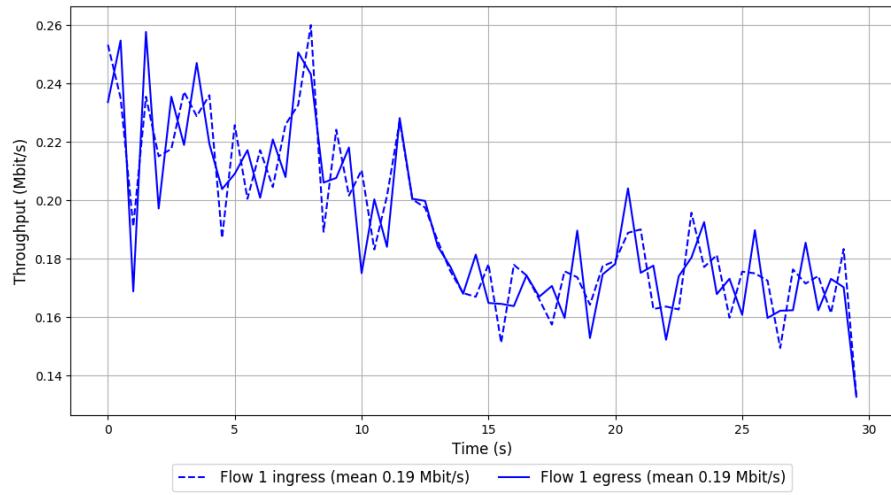


Run 9: Statistics of SCReAM

```
Start at: 2017-11-21 02:13:21
End at: 2017-11-21 02:13:51
Local clock offset: 0.922 ms
Remote clock offset: 0.506 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 30.521 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 30.521 ms
Loss rate: 0.28%
```

Run 9: Report of SCReAM — Data Link

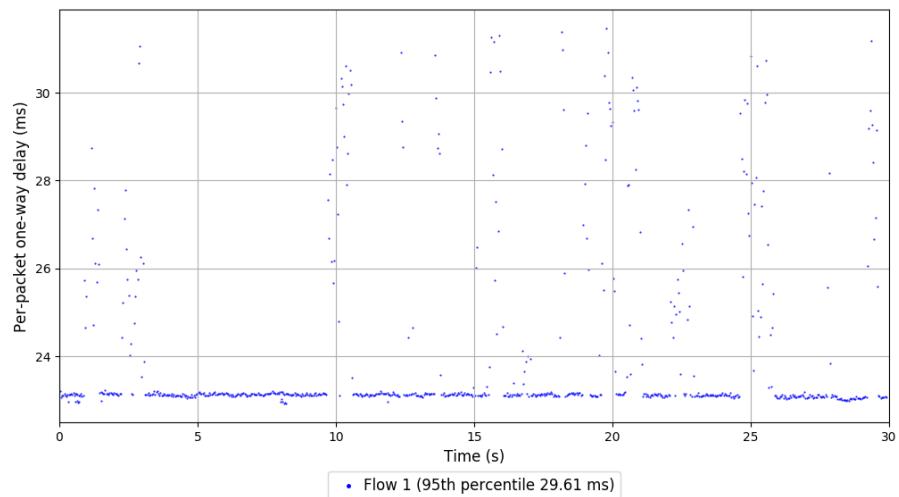
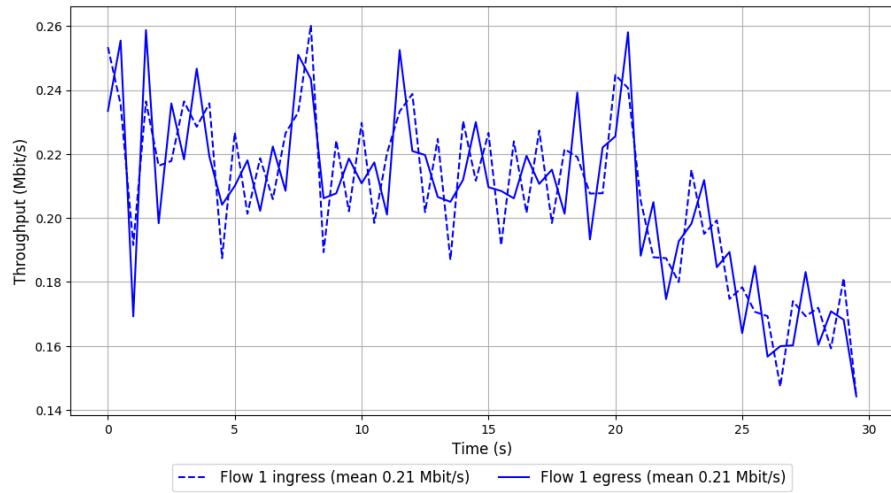


Run 10: Statistics of SCReAM

```
Start at: 2017-11-21 02:33:10
End at: 2017-11-21 02:33:40
Local clock offset: 1.254 ms
Remote clock offset: -0.146 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.606 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.606 ms
Loss rate: 0.12%
```

## Run 10: Report of SCReAM — Data Link

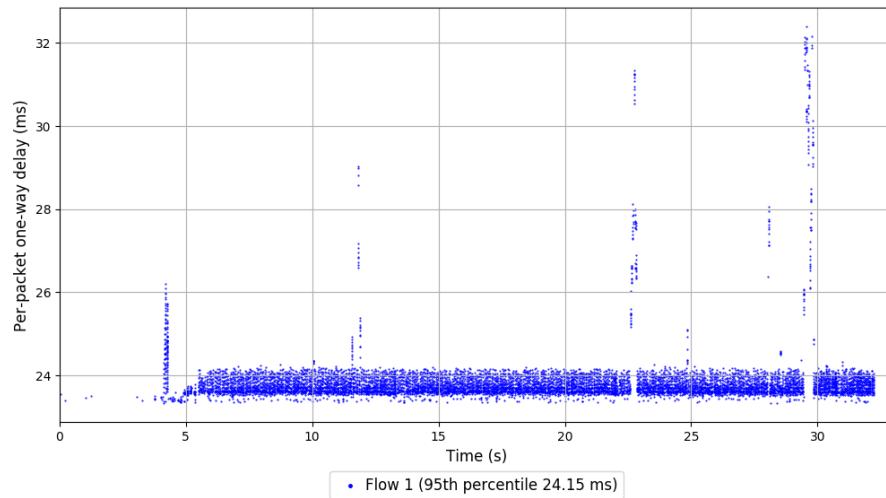
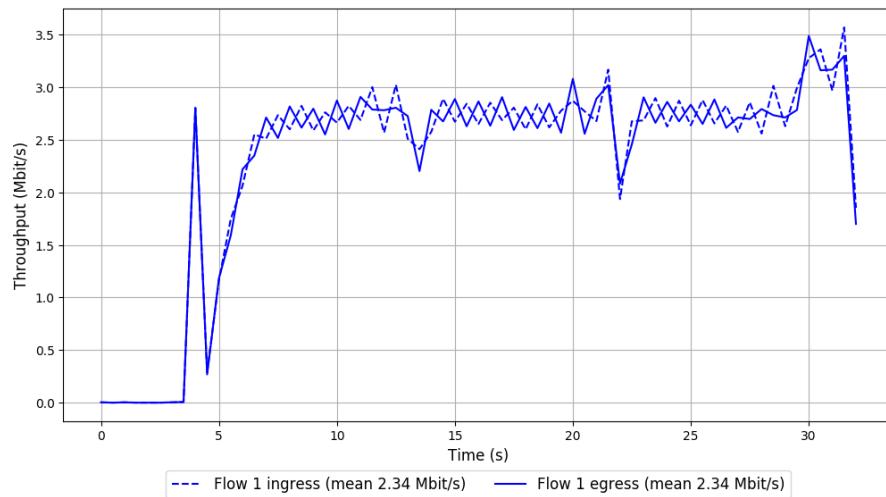


```
Run 1: Statistics of WebRTC media

Start at: 2017-11-20 23:36:07
End at: 2017-11-20 23:36:37
Local clock offset: 1.3 ms
Remote clock offset: 0.691 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 24.153 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 24.153 ms
Loss rate: 0.41%
```

Run 1: Report of WebRTC media — Data Link

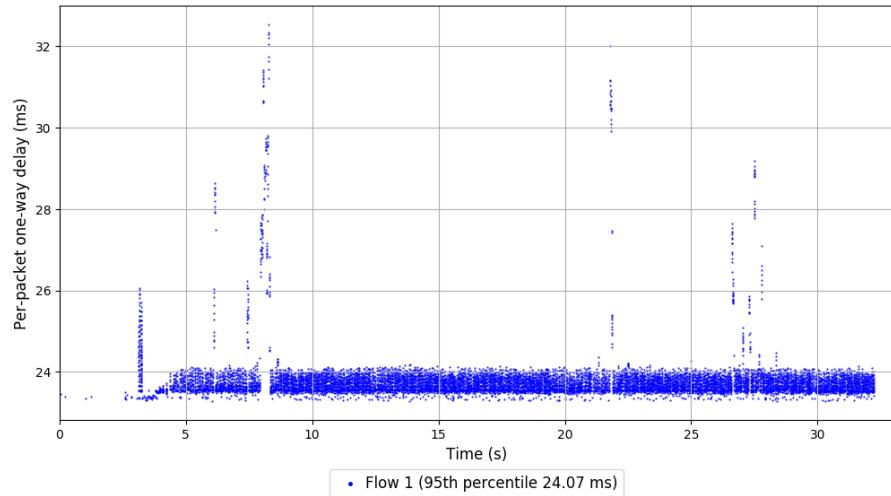
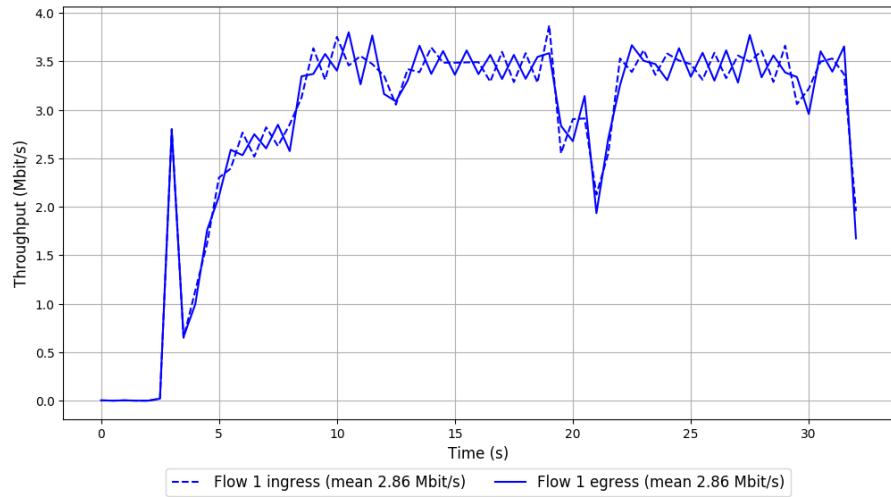


Run 2: Statistics of WebRTC media

```
Start at: 2017-11-20 23:54:40
End at: 2017-11-20 23:55:10
Local clock offset: 1.633 ms
Remote clock offset: -0.321 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.86 Mbit/s
95th percentile per-packet one-way delay: 24.072 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 2.86 Mbit/s
95th percentile per-packet one-way delay: 24.072 ms
Loss rate: 0.20%
```

Run 2: Report of WebRTC media — Data Link

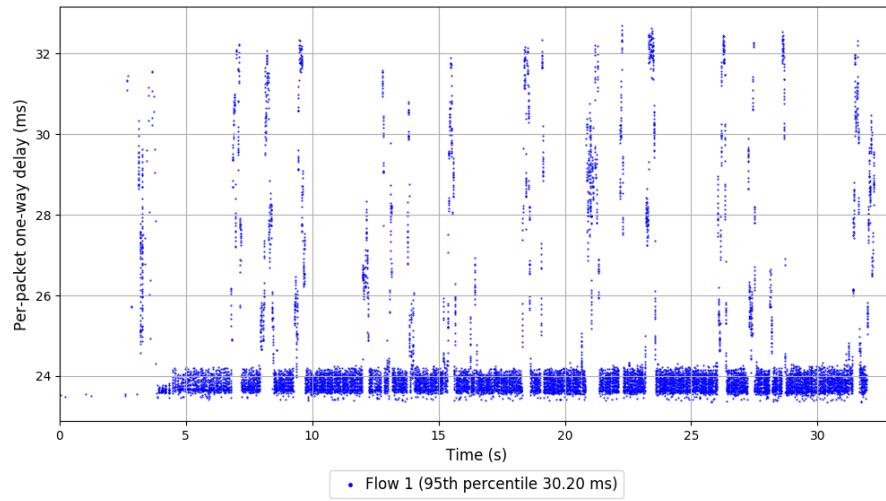
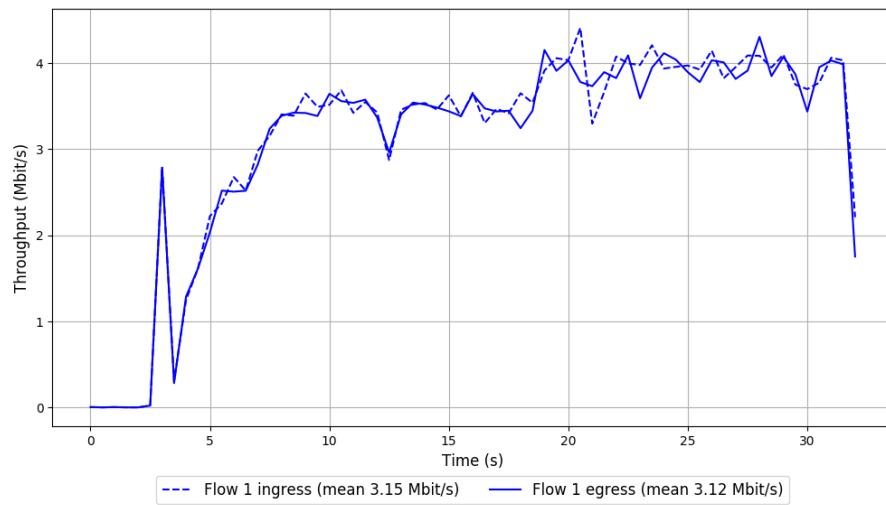


Run 3: Statistics of WebRTC media

```
Start at: 2017-11-21 00:13:29
End at: 2017-11-21 00:13:59
Local clock offset: 2.904 ms
Remote clock offset: -0.637 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 30.205 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 30.205 ms
Loss rate: 1.11%
```

Run 3: Report of WebRTC media — Data Link

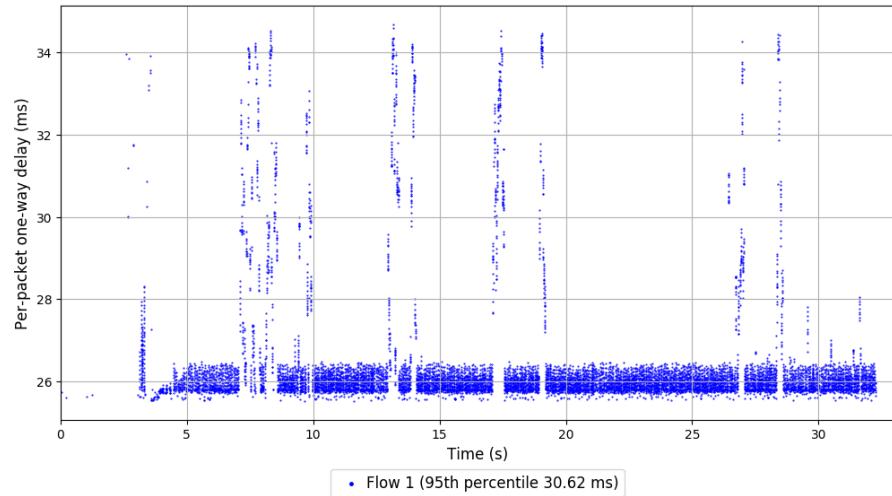
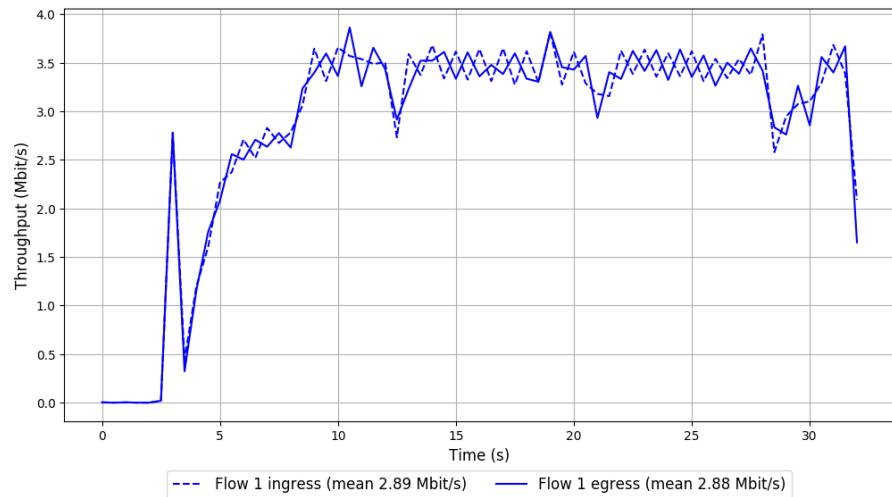


Run 4: Statistics of WebRTC media

```
Start at: 2017-11-21 00:32:43
End at: 2017-11-21 00:33:13
Local clock offset: 3.16 ms
Remote clock offset: -2.582 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.88 Mbit/s
95th percentile per-packet one-way delay: 30.620 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.88 Mbit/s
95th percentile per-packet one-way delay: 30.620 ms
Loss rate: 0.40%
```

#### Run 4: Report of WebRTC media — Data Link

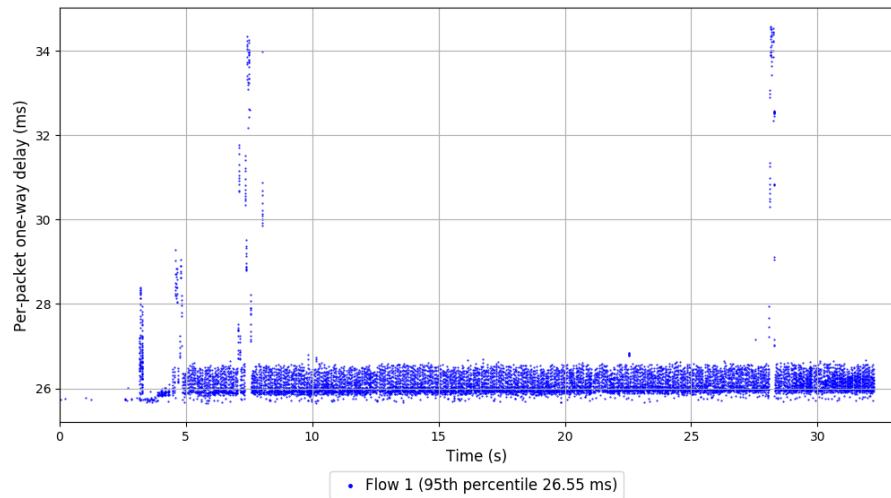
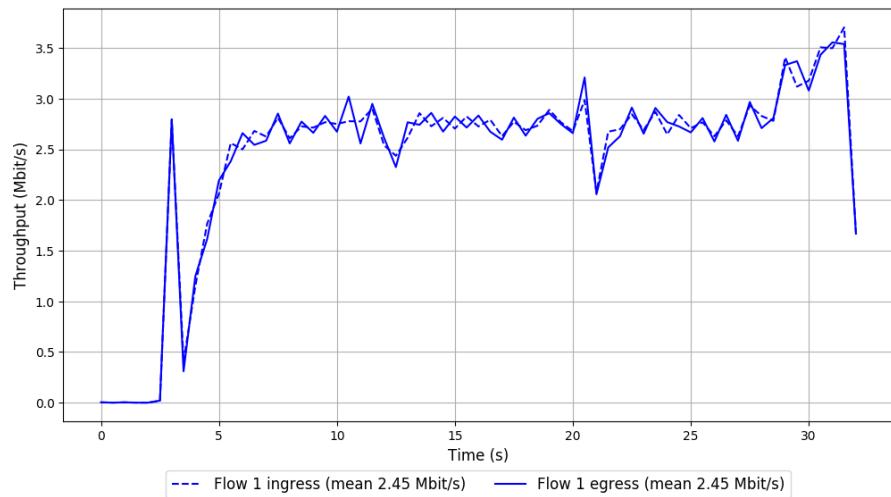


Run 5: Statistics of WebRTC media

```
Start at: 2017-11-21 00:51:39
End at: 2017-11-21 00:52:09
Local clock offset: 3.281 ms
Remote clock offset: -2.284 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 26.548 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 26.548 ms
Loss rate: 0.23%
```

Run 5: Report of WebRTC media — Data Link

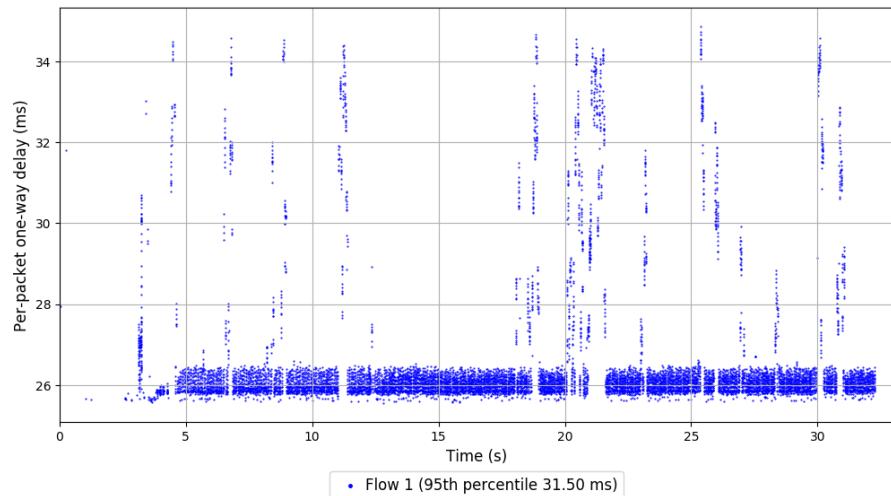
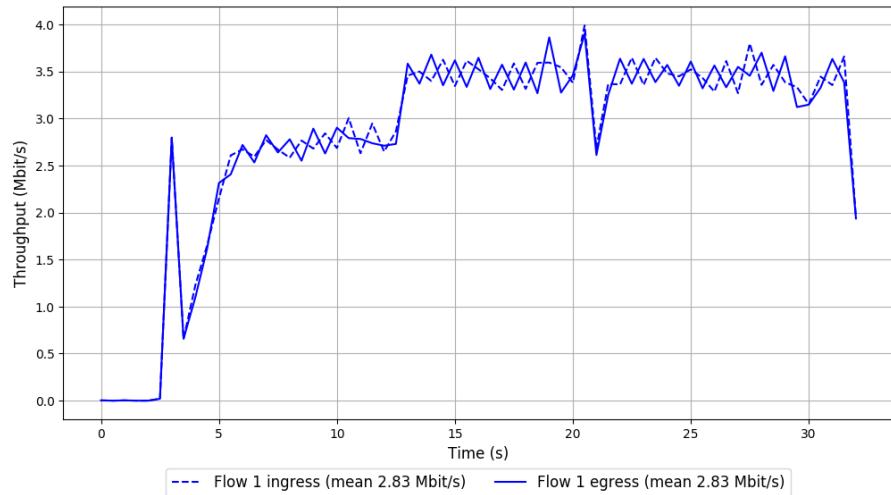


```
Run 6: Statistics of WebRTC media

Start at: 2017-11-21 01:10:23
End at: 2017-11-21 01:10:53
Local clock offset: 2.224 ms
Remote clock offset: -2.06 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 31.504 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 31.504 ms
Loss rate: 0.36%
```

Run 6: Report of WebRTC media — Data Link

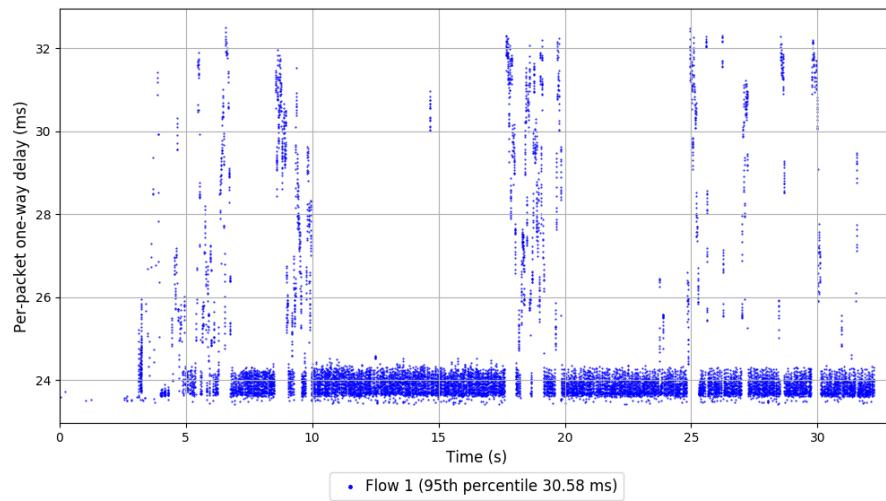
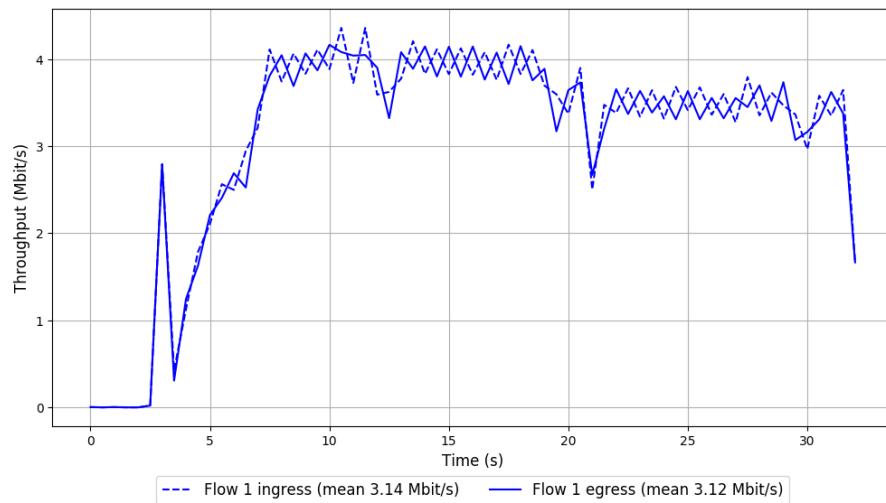


Run 7: Statistics of WebRTC media

```
Start at: 2017-11-21 01:29:57
End at: 2017-11-21 01:30:27
Local clock offset: 1.873 ms
Remote clock offset: 0.007 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 30.578 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 30.578 ms
Loss rate: 0.74%
```

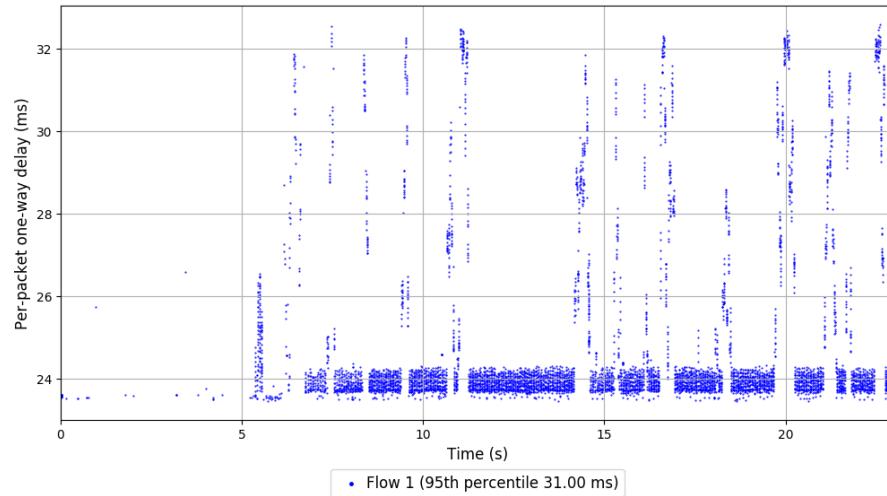
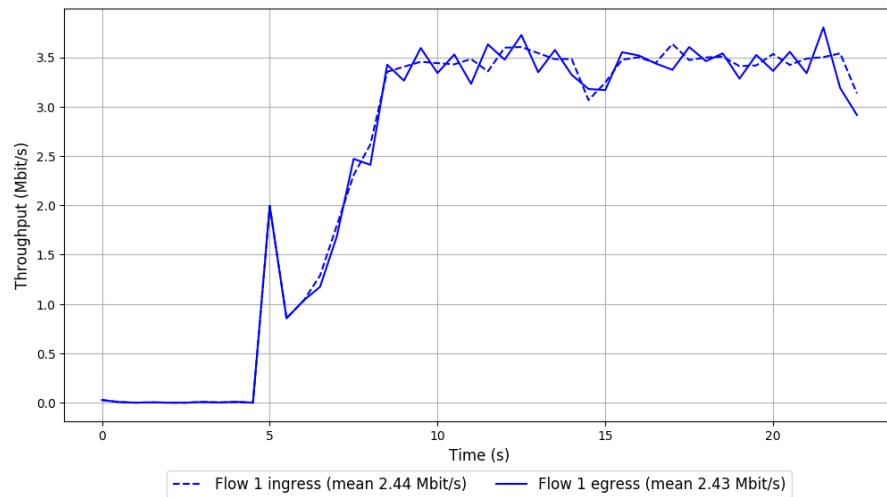
Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2017-11-21 01:50:05  
End at: 2017-11-21 01:50:35  
Local clock offset: 0.838 ms  
Remote clock offset: -0.494 ms

Run 8: Report of WebRTC media — Data Link

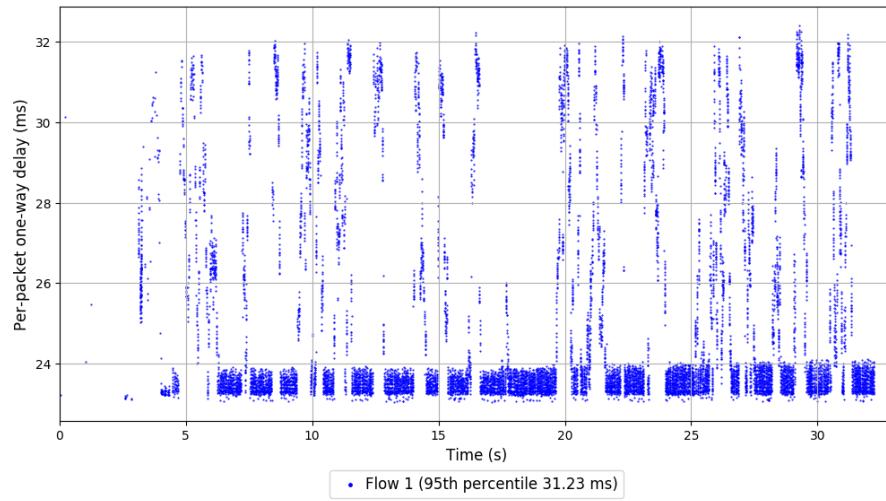
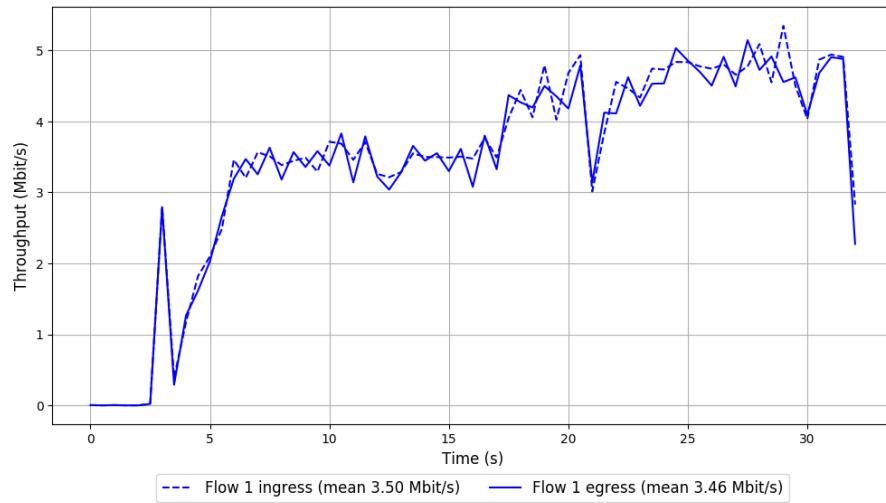


Run 9: Statistics of WebRTC media

```
Start at: 2017-11-21 02:10:33
End at: 2017-11-21 02:11:03
Local clock offset: 0.916 ms
Remote clock offset: 0.341 ms

# Below is generated by plot.py at 2017-11-21 06:12:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 31.226 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 31.226 ms
Loss rate: 1.45%
```

Run 9: Report of WebRTC media — Data Link

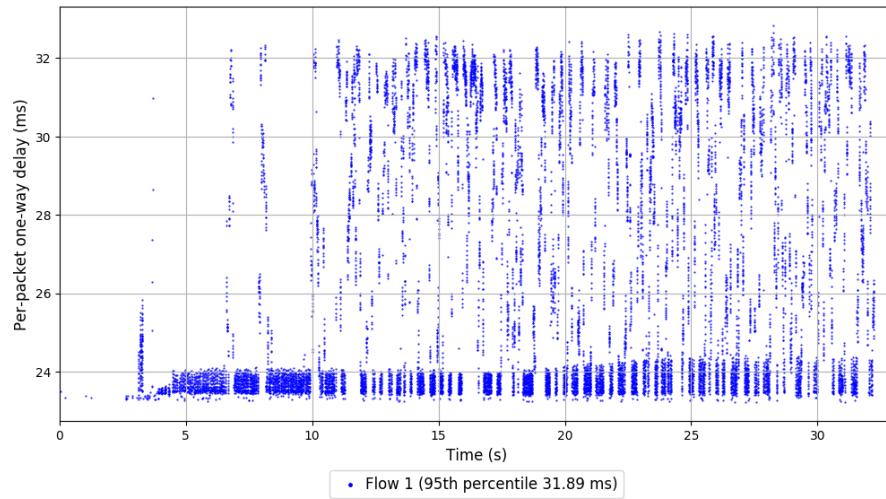
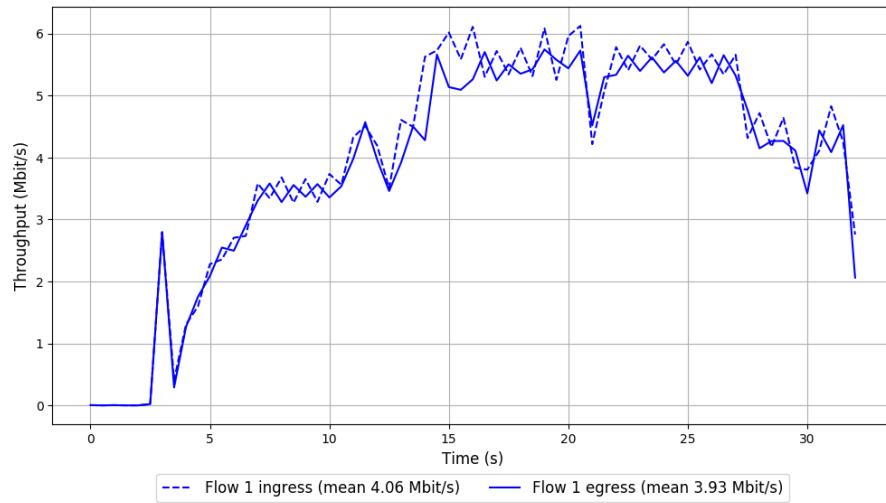


Run 10: Statistics of WebRTC media

```
Start at: 2017-11-21 02:30:18
End at: 2017-11-21 02:30:48
Local clock offset: 1.141 ms
Remote clock offset: -0.42 ms

# Below is generated by plot.py at 2017-11-21 06:12:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 31.888 ms
Loss rate: 3.52%
-- Flow 1:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 31.888 ms
Loss rate: 3.52%
```

### Run 10: Report of WebRTC media — Data Link

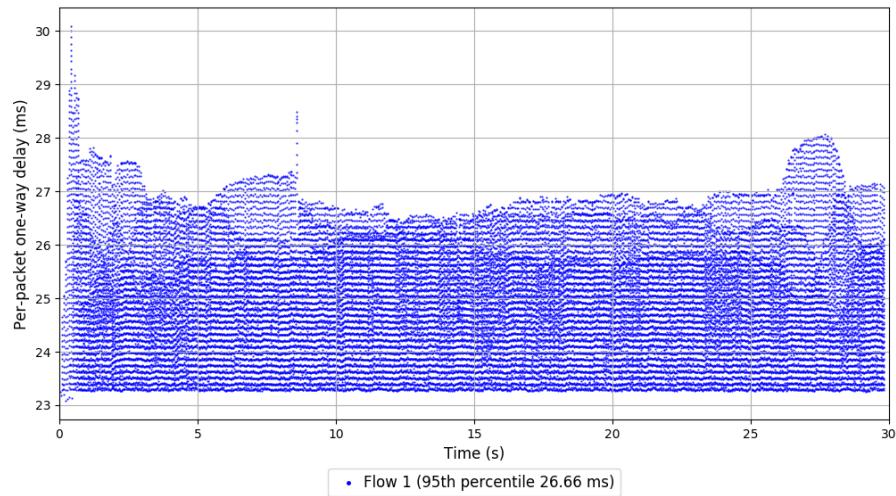
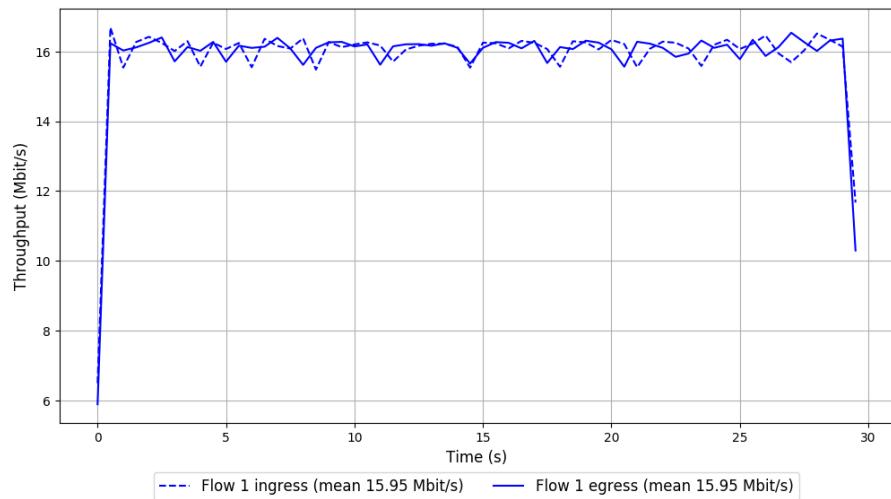


Run 1: Statistics of Sprout

```
Start at: 2017-11-20 23:34:51
End at: 2017-11-20 23:35:21
Local clock offset: 1.35 ms
Remote clock offset: 1.087 ms

# Below is generated by plot.py at 2017-11-21 06:12:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 26.660 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 26.660 ms
Loss rate: 0.20%
```

Run 1: Report of Sprout — Data Link

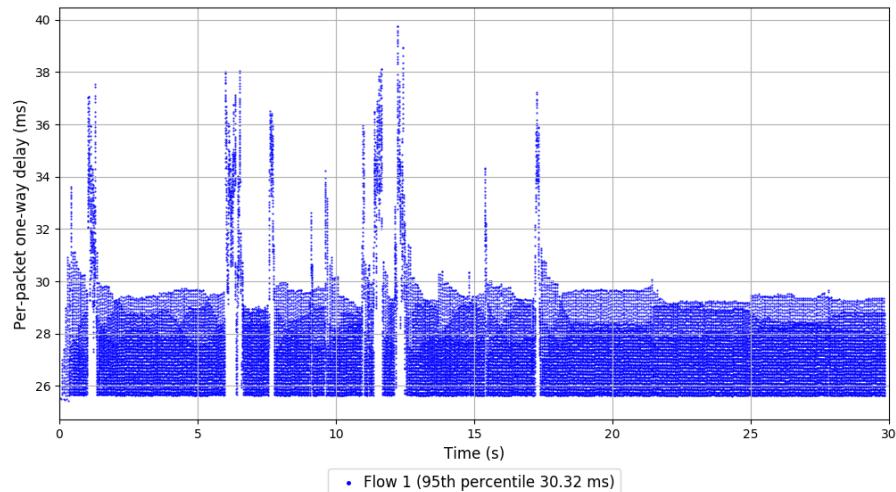
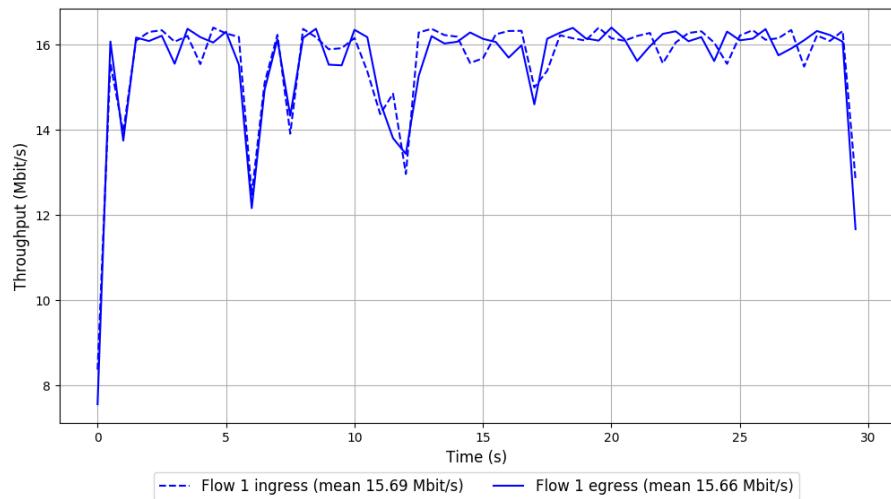


Run 2: Statistics of Sprout

```
Start at: 2017-11-20 23:53:24
End at: 2017-11-20 23:53:54
Local clock offset: 1.671 ms
Remote clock offset: -2.346 ms

# Below is generated by plot.py at 2017-11-21 06:12:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.66 Mbit/s
95th percentile per-packet one-way delay: 30.322 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 15.66 Mbit/s
95th percentile per-packet one-way delay: 30.322 ms
Loss rate: 0.41%
```

## Run 2: Report of Sprout — Data Link

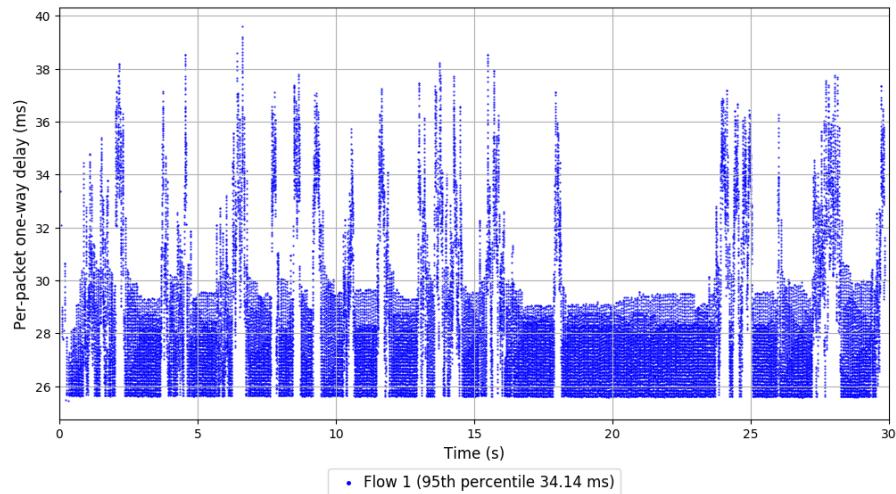
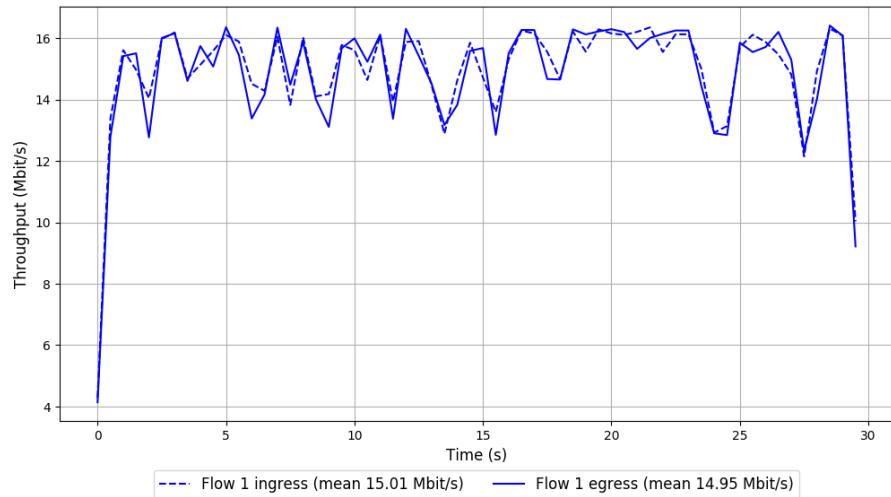


Run 3: Statistics of Sprout

```
Start at: 2017-11-21 00:12:10
End at: 2017-11-21 00:12:40
Local clock offset: 2.73 ms
Remote clock offset: -2.678 ms

# Below is generated by plot.py at 2017-11-21 06:12:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.95 Mbit/s
95th percentile per-packet one-way delay: 34.138 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 14.95 Mbit/s
95th percentile per-packet one-way delay: 34.138 ms
Loss rate: 0.58%
```

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

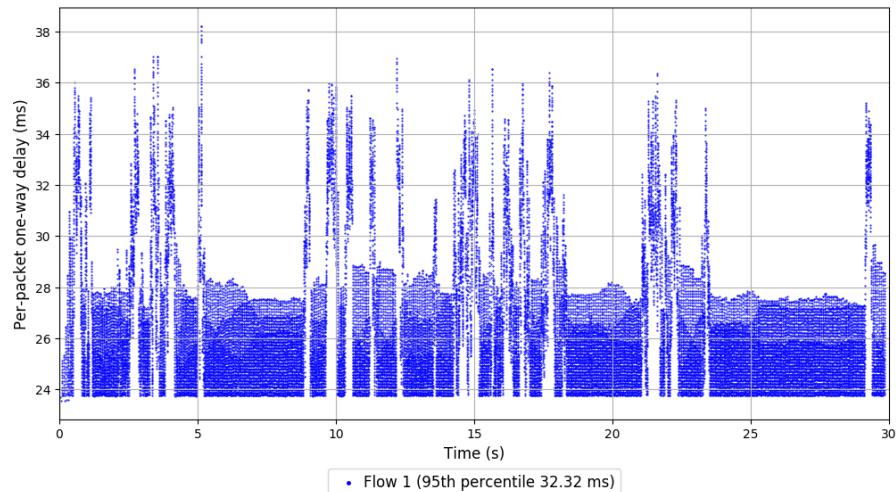
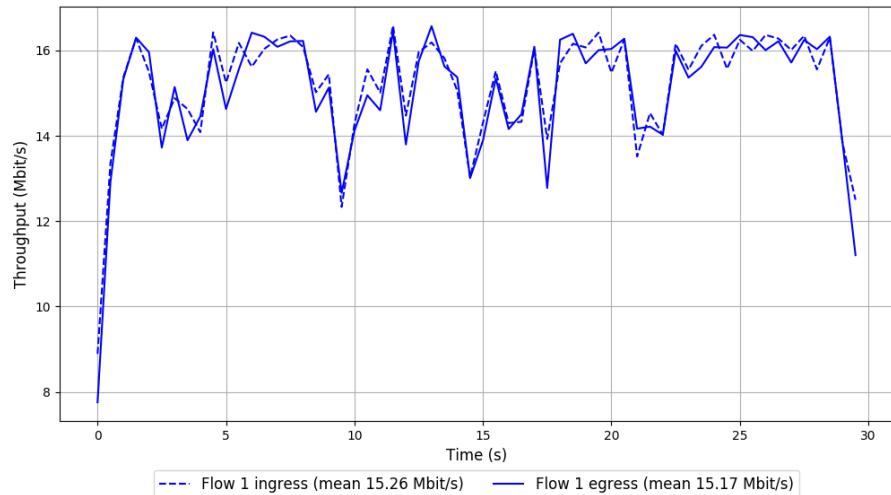


Run 4: Statistics of Sprout

```
Start at: 2017-11-21 00:31:26
End at: 2017-11-21 00:31:56
Local clock offset: 3.275 ms
Remote clock offset: -0.464 ms

# Below is generated by plot.py at 2017-11-21 06:12:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.17 Mbit/s
95th percentile per-packet one-way delay: 32.321 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 15.17 Mbit/s
95th percentile per-packet one-way delay: 32.321 ms
Loss rate: 0.78%
```

## Run 4: Report of Sprout — Data Link

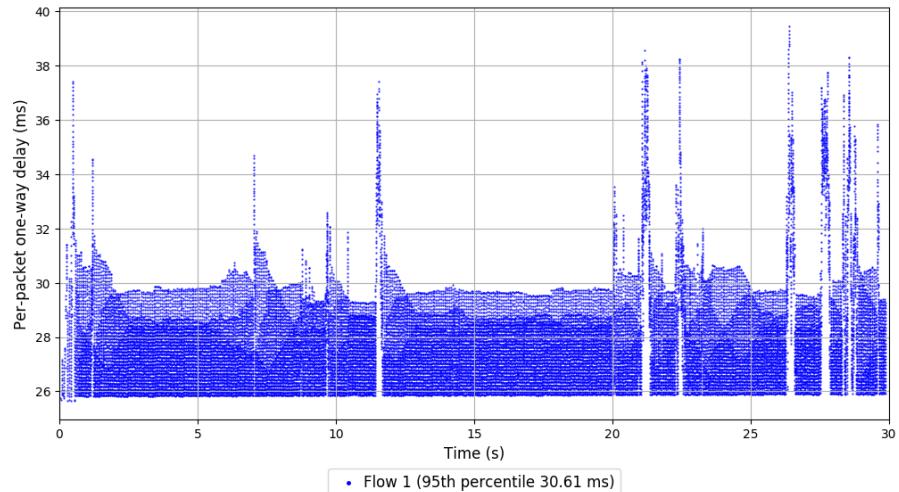
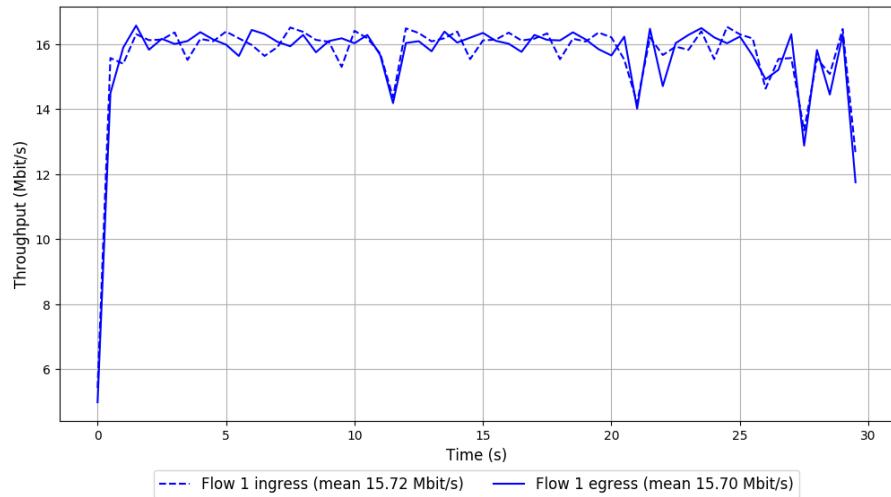


Run 5: Statistics of Sprout

```
Start at: 2017-11-21 00:50:22
End at: 2017-11-21 00:50:52
Local clock offset: 3.457 ms
Remote clock offset: -2.22 ms

# Below is generated by plot.py at 2017-11-21 06:12:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.70 Mbit/s
95th percentile per-packet one-way delay: 30.605 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 15.70 Mbit/s
95th percentile per-packet one-way delay: 30.605 ms
Loss rate: 0.35%
```

Run 5: Report of Sprout — Data Link

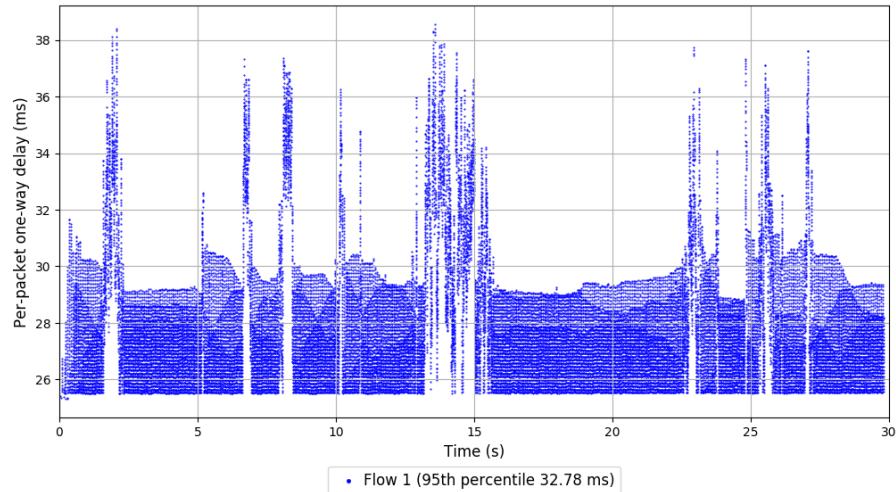
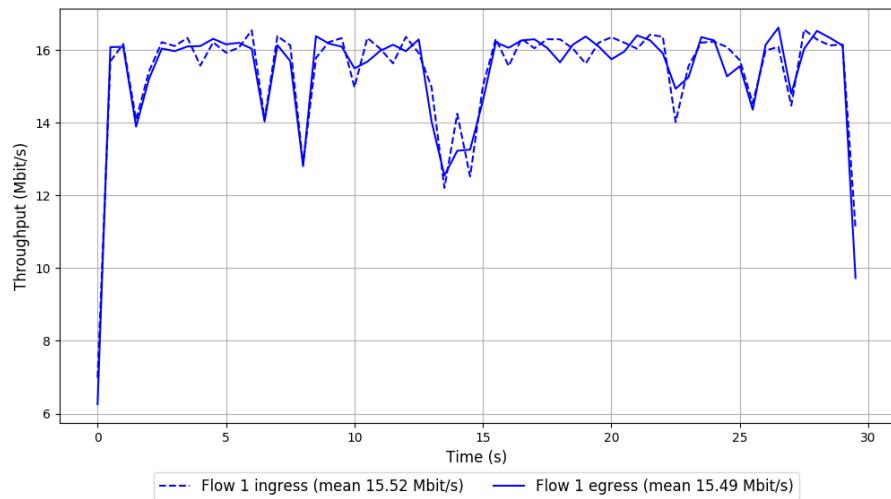


Run 6: Statistics of Sprout

```
Start at: 2017-11-21 01:09:06
End at: 2017-11-21 01:09:36
Local clock offset: 2.136 ms
Remote clock offset: -1.879 ms

# Below is generated by plot.py at 2017-11-21 06:12:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.49 Mbit/s
95th percentile per-packet one-way delay: 32.781 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 15.49 Mbit/s
95th percentile per-packet one-way delay: 32.781 ms
Loss rate: 0.40%
```

Run 6: Report of Sprout — Data Link

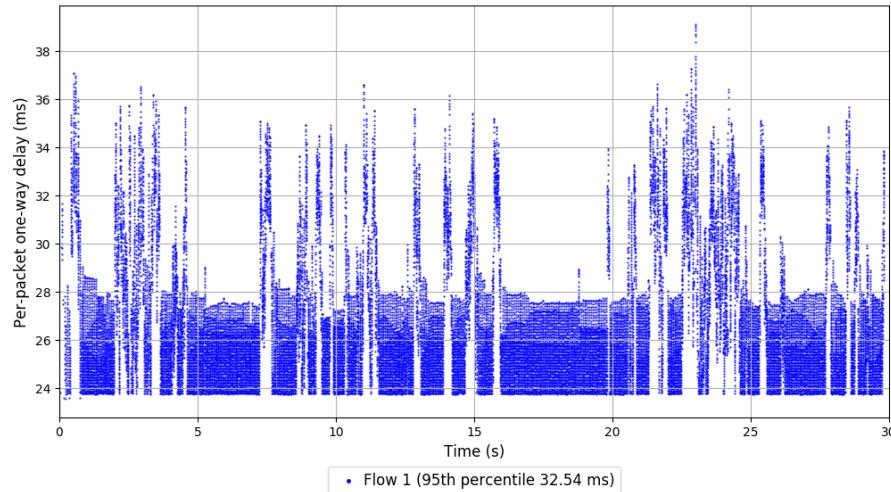
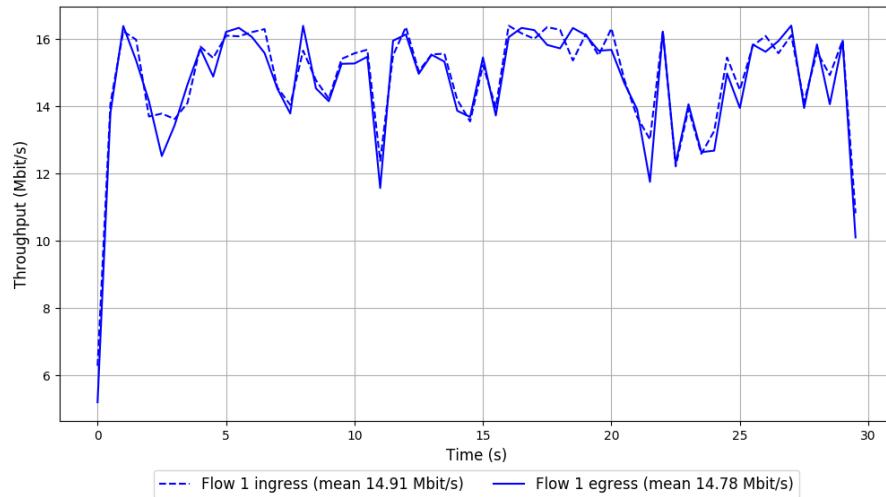


Run 7: Statistics of Sprout

```
Start at: 2017-11-21 01:28:40
End at: 2017-11-21 01:29:10
Local clock offset: 1.964 ms
Remote clock offset: 0.003 ms

# Below is generated by plot.py at 2017-11-21 06:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.78 Mbit/s
95th percentile per-packet one-way delay: 32.544 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 14.78 Mbit/s
95th percentile per-packet one-way delay: 32.544 ms
Loss rate: 1.05%
```

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

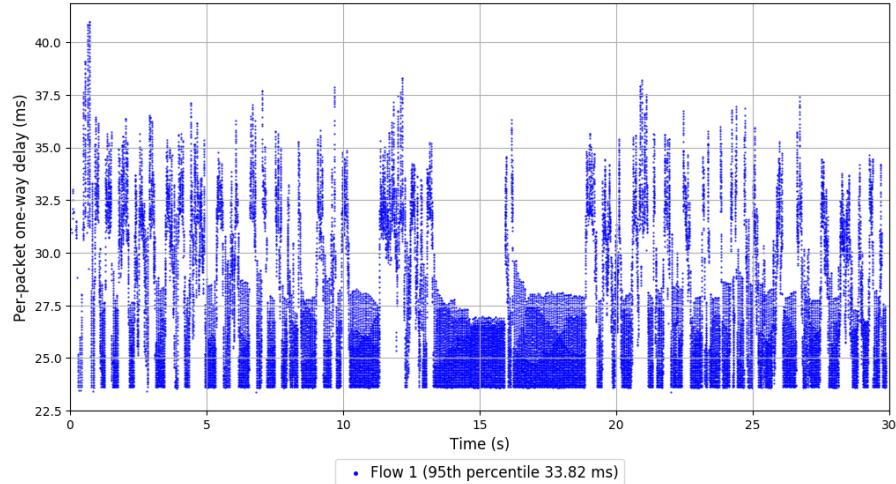
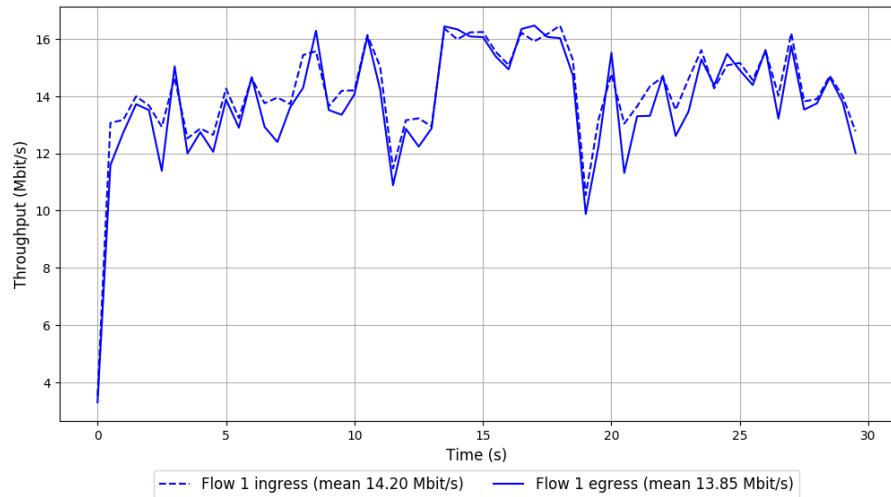


Run 8: Statistics of Sprout

```
Start at: 2017-11-21 01:48:48
End at: 2017-11-21 01:49:18
Local clock offset: 0.931 ms
Remote clock offset: -0.306 ms

# Below is generated by plot.py at 2017-11-21 06:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.85 Mbit/s
95th percentile per-packet one-way delay: 33.818 ms
Loss rate: 2.59%
-- Flow 1:
Average throughput: 13.85 Mbit/s
95th percentile per-packet one-way delay: 33.818 ms
Loss rate: 2.59%
```

## Run 8: Report of Sprout — Data Link

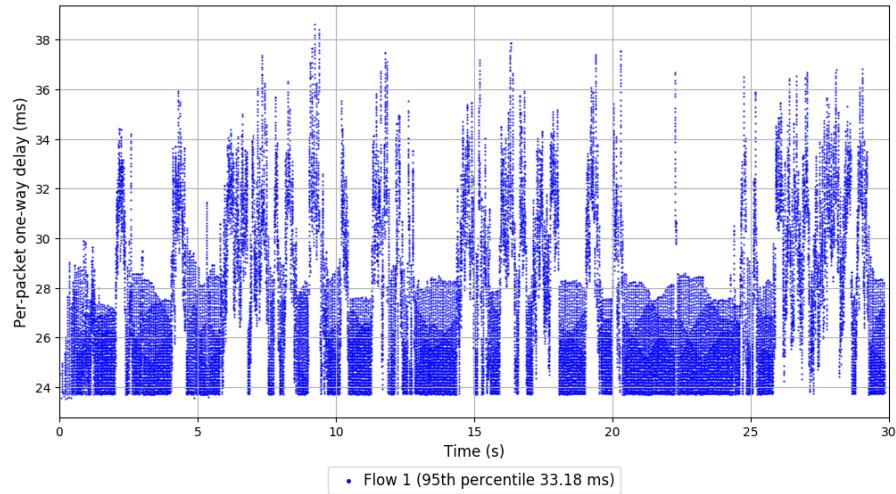
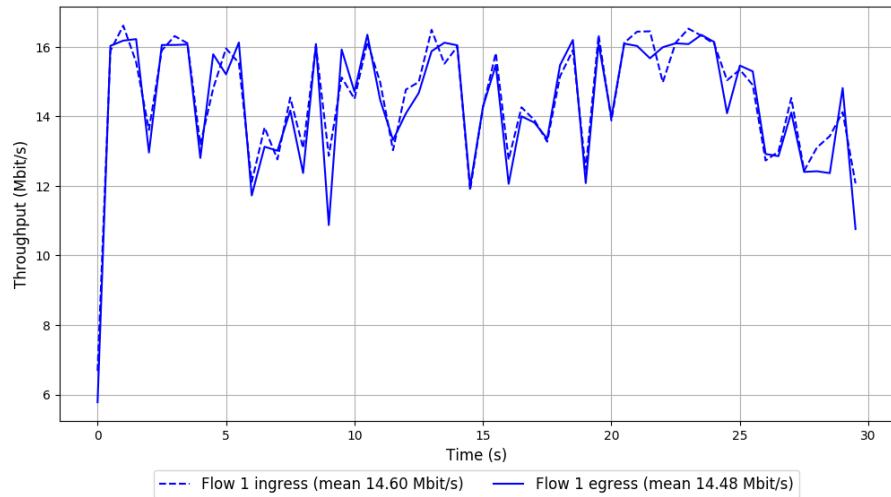


Run 9: Statistics of Sprout

```
Start at: 2017-11-21 02:09:14
End at: 2017-11-21 02:09:44
Local clock offset: 0.906 ms
Remote clock offset: -0.122 ms

# Below is generated by plot.py at 2017-11-21 06:13:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 33.176 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 33.176 ms
Loss rate: 1.08%
```

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

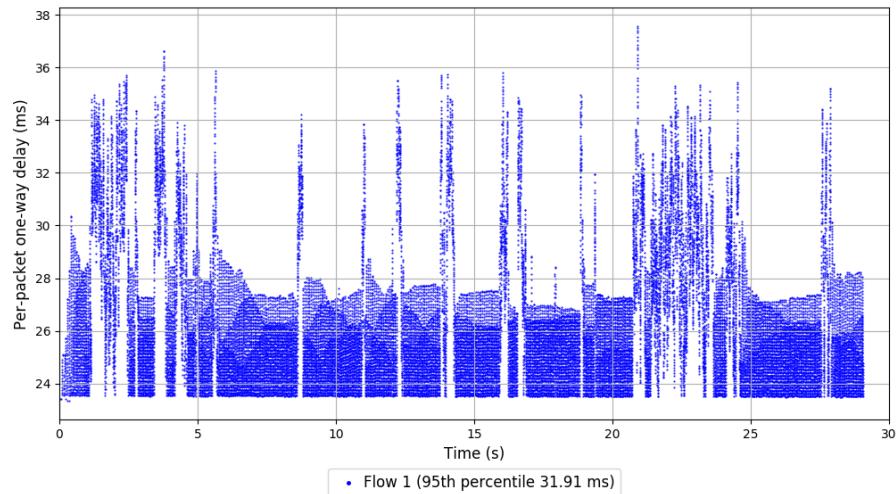
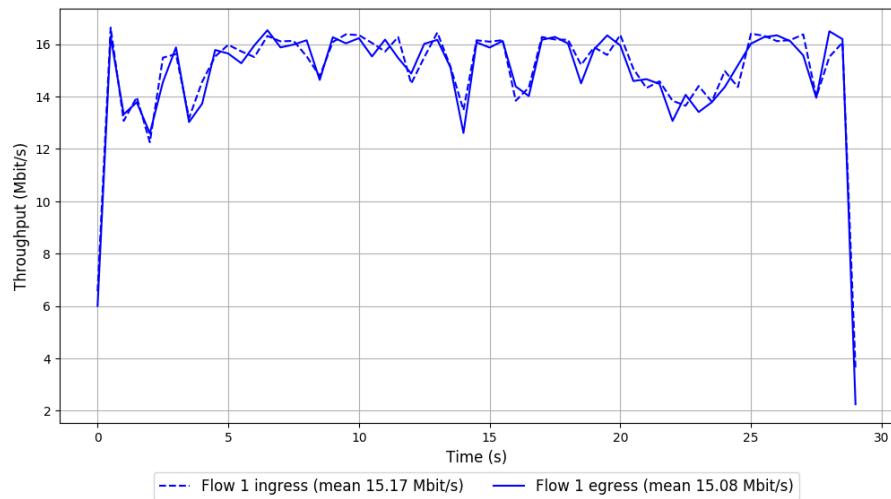


Run 10: Statistics of Sprout

```
Start at: 2017-11-21 02:28:58
End at: 2017-11-21 02:29:28
Local clock offset: 1.196 ms
Remote clock offset: -0.31 ms

# Below is generated by plot.py at 2017-11-21 06:13:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.08 Mbit/s
95th percentile per-packet one-way delay: 31.906 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 15.08 Mbit/s
95th percentile per-packet one-way delay: 31.906 ms
Loss rate: 0.77%
```

## Run 10: Report of Sprout — Data Link

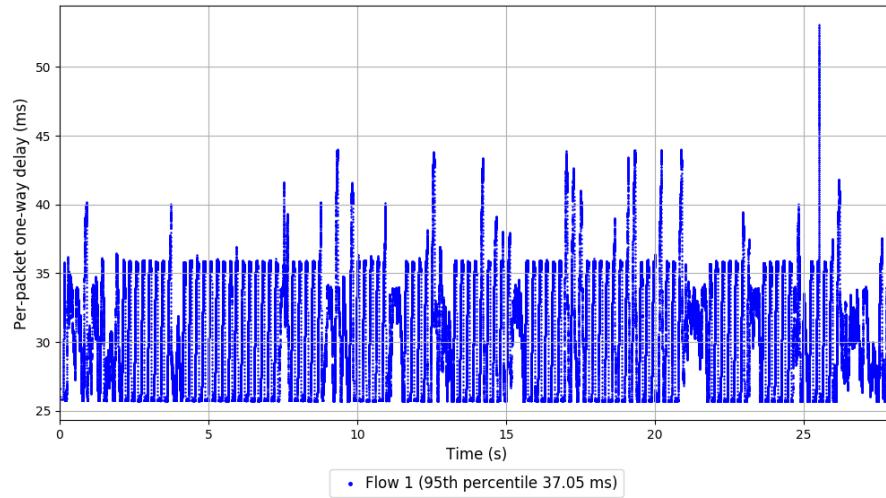
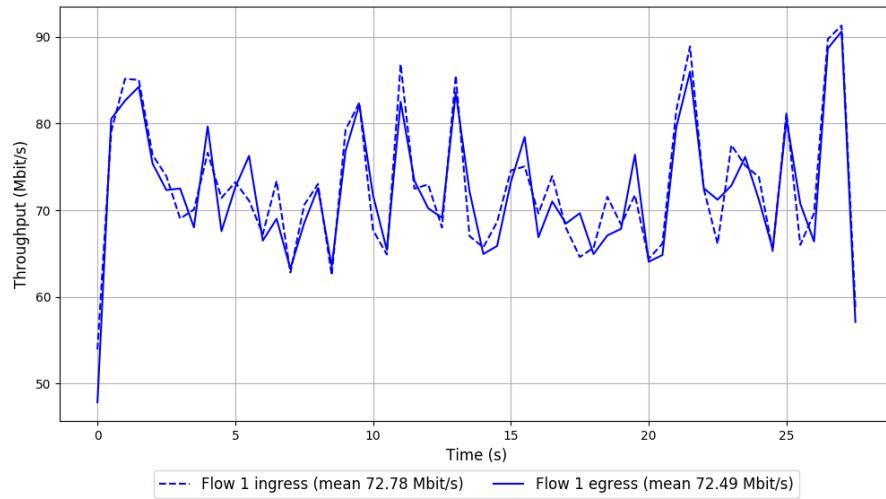


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-11-20 23:41:20
End at: 2017-11-20 23:41:50
Local clock offset: 1.227 ms
Remote clock offset: -1.919 ms

# Below is generated by plot.py at 2017-11-21 06:14:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.49 Mbit/s
95th percentile per-packet one-way delay: 37.051 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 72.49 Mbit/s
95th percentile per-packet one-way delay: 37.051 ms
Loss rate: 0.60%
```

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



Run 2: Statistics of TaoVA-100x

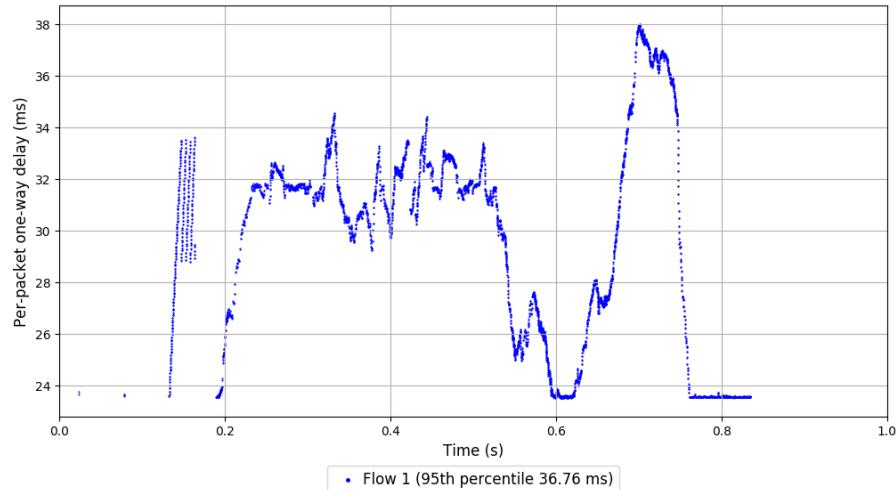
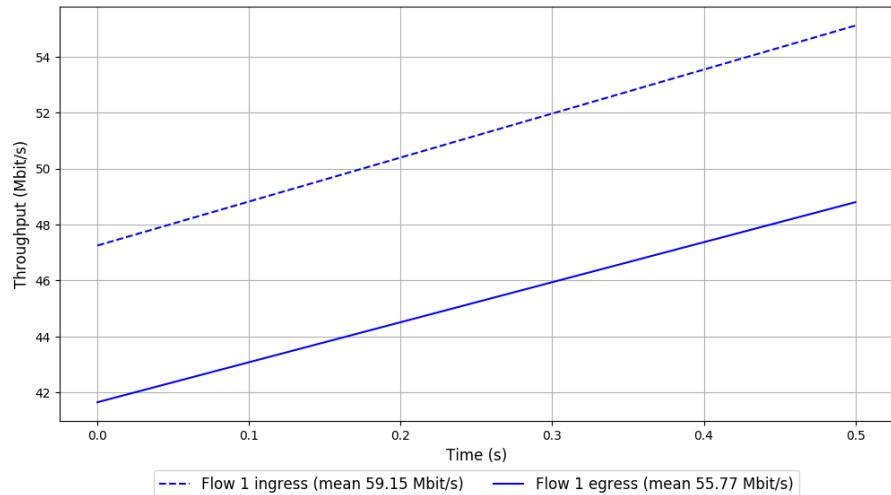
Start at: 2017-11-20 23:59:54

End at: 2017-11-21 00:00:24

Local clock offset: 1.957 ms

Remote clock offset: -0.378 ms

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

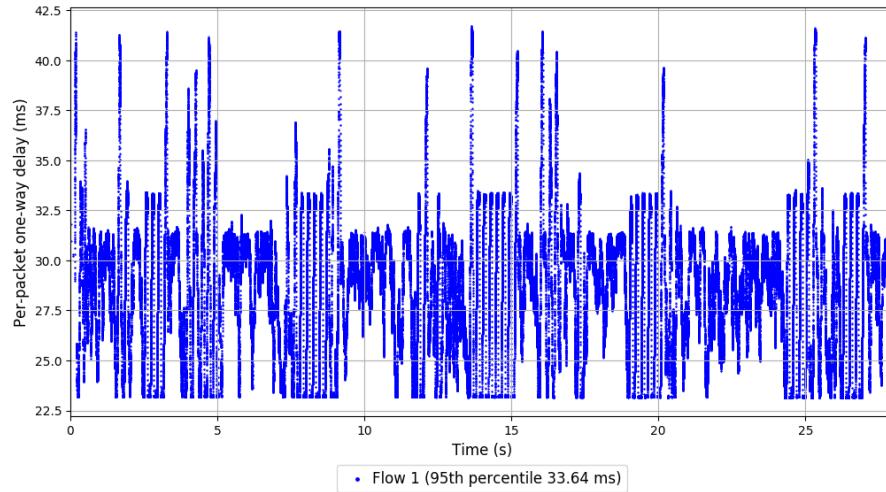
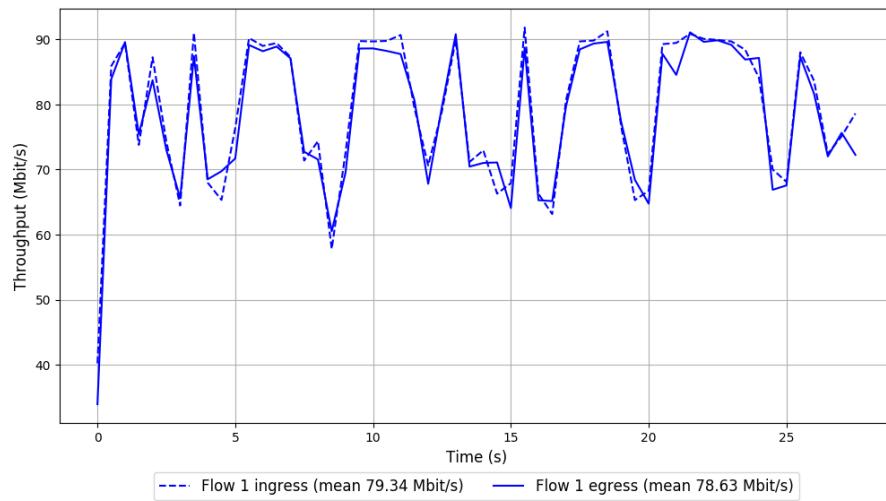


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-11-21 00:19:00
End at: 2017-11-21 00:19:30
Local clock offset: 3.439 ms
Remote clock offset: -0.174 ms

# Below is generated by plot.py at 2017-11-21 06:14:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.63 Mbit/s
95th percentile per-packet one-way delay: 33.640 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 78.63 Mbit/s
95th percentile per-packet one-way delay: 33.640 ms
Loss rate: 1.11%
```

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

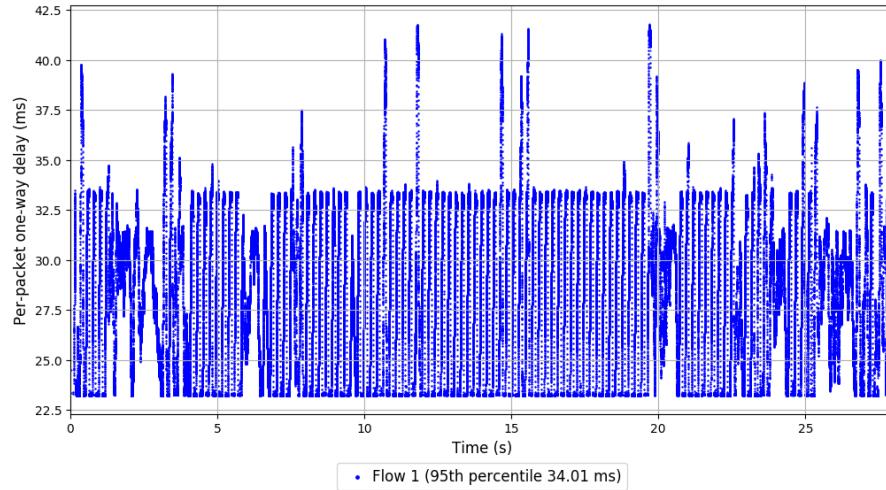
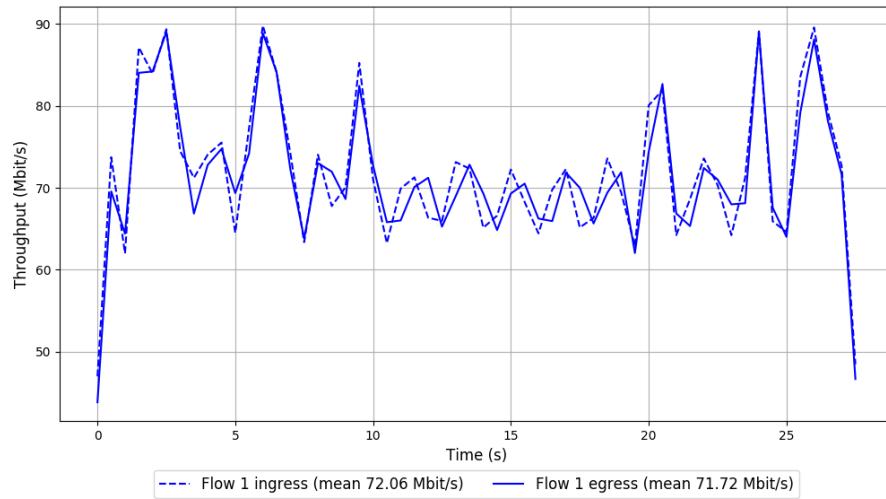


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-11-21 00:38:02
End at: 2017-11-21 00:38:32
Local clock offset: 3.224 ms
Remote clock offset: 0.092 ms

# Below is generated by plot.py at 2017-11-21 06:14:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.72 Mbit/s
95th percentile per-packet one-way delay: 34.011 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 71.72 Mbit/s
95th percentile per-packet one-way delay: 34.011 ms
Loss rate: 0.67%
```

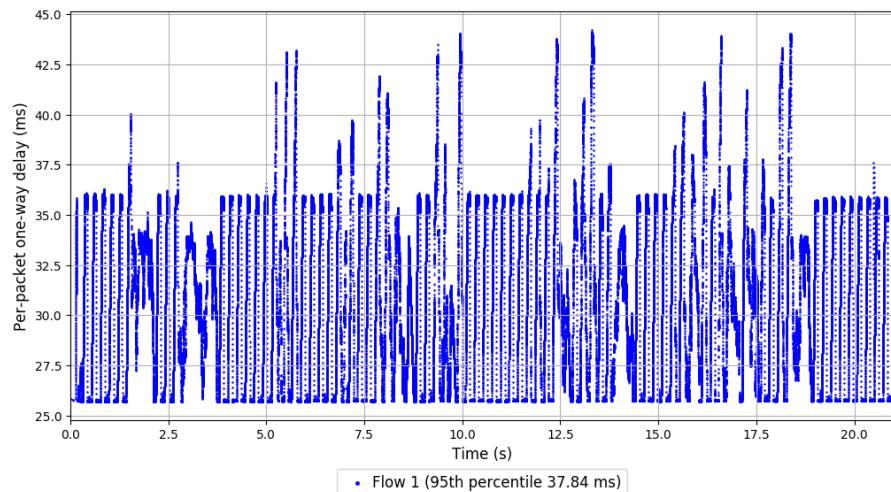
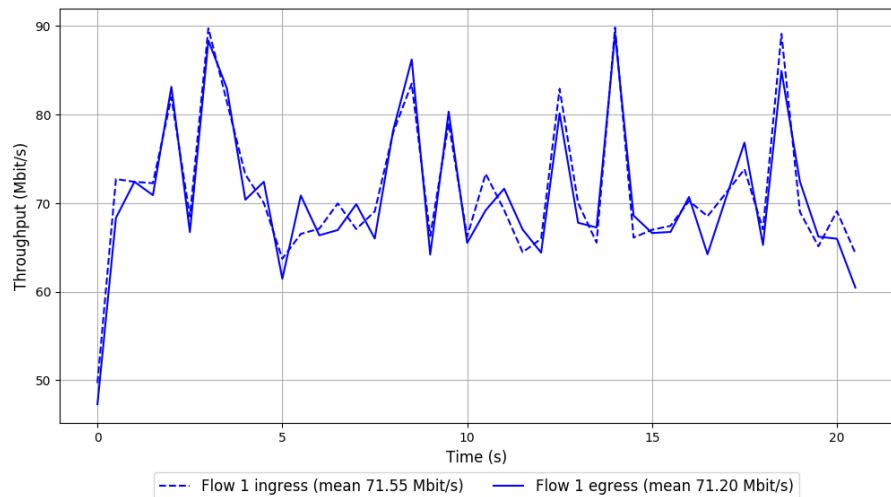
Run 4: Report of TaoVA-100x — Data Link



Run 5: Statistics of TaoVA-100x

Start at: 2017-11-21 00:56:58  
End at: 2017-11-21 00:57:28  
Local clock offset: 2.605 ms  
Remote clock offset: -2.177 ms

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

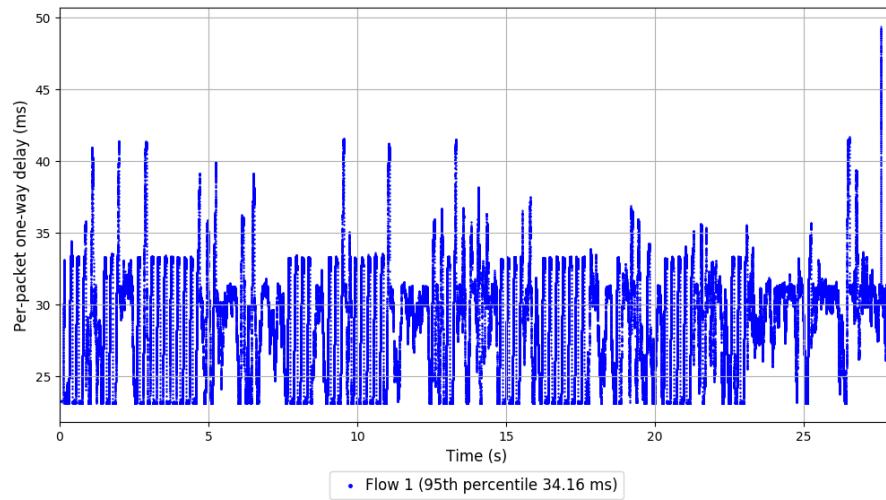
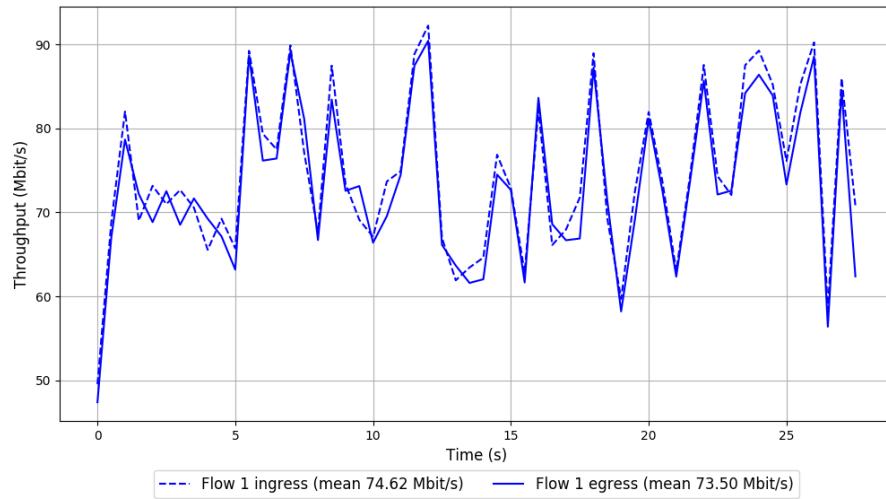


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-11-21 01:15:51
End at: 2017-11-21 01:16:21
Local clock offset: 2.274 ms
Remote clock offset: 0.733 ms

# Below is generated by plot.py at 2017-11-21 06:14:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.50 Mbit/s
95th percentile per-packet one-way delay: 34.160 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 73.50 Mbit/s
95th percentile per-packet one-way delay: 34.160 ms
Loss rate: 1.70%
```

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

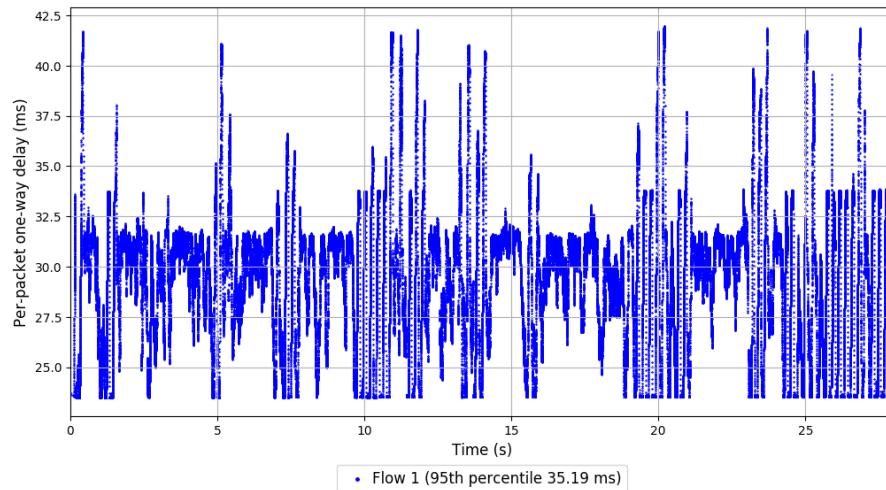
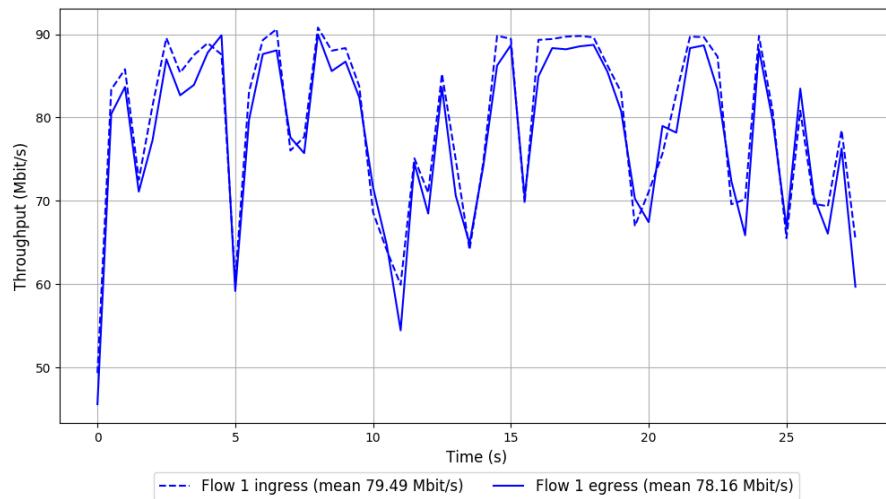


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-11-21 01:35:37
End at: 2017-11-21 01:36:07
Local clock offset: 1.576 ms
Remote clock offset: -0.144 ms

# Below is generated by plot.py at 2017-11-21 06:14:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.16 Mbit/s
95th percentile per-packet one-way delay: 35.189 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 78.16 Mbit/s
95th percentile per-packet one-way delay: 35.189 ms
Loss rate: 1.86%
```

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

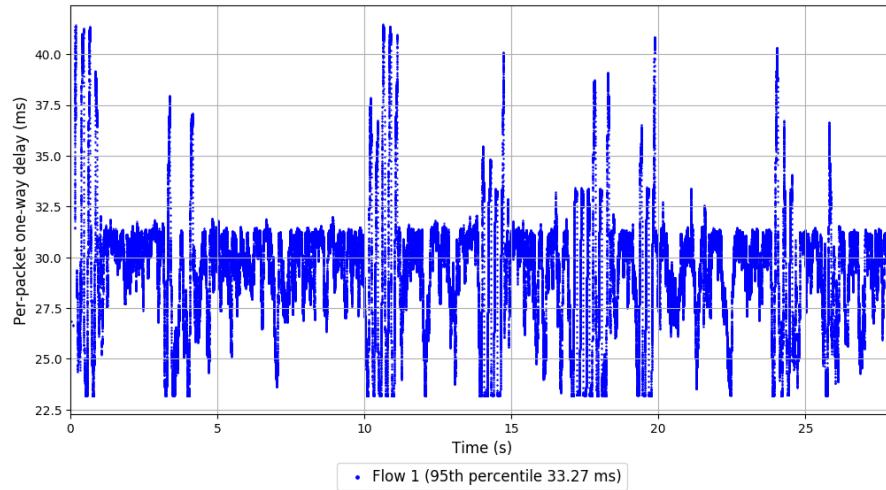
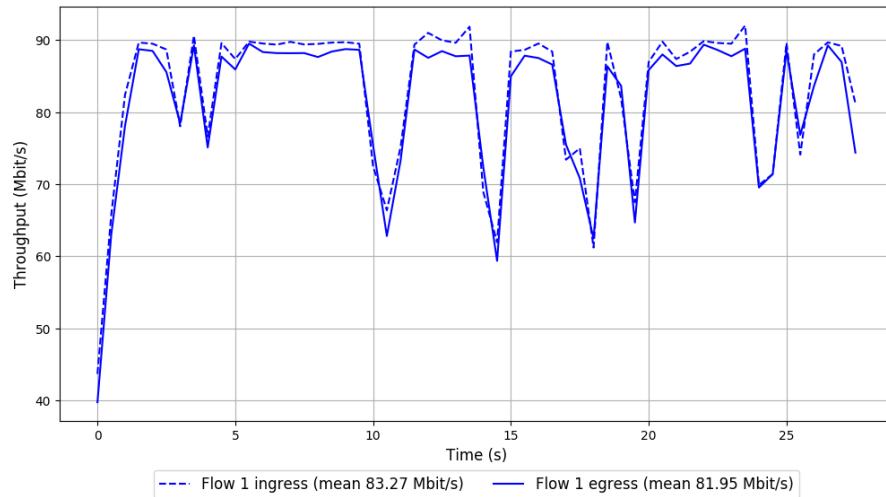


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-11-21 01:55:59
End at: 2017-11-21 01:56:29
Local clock offset: 0.828 ms
Remote clock offset: 0.008 ms

# Below is generated by plot.py at 2017-11-21 06:15:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.95 Mbit/s
95th percentile per-packet one-way delay: 33.275 ms
Loss rate: 1.78%
-- Flow 1:
Average throughput: 81.95 Mbit/s
95th percentile per-packet one-way delay: 33.275 ms
Loss rate: 1.78%
```

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

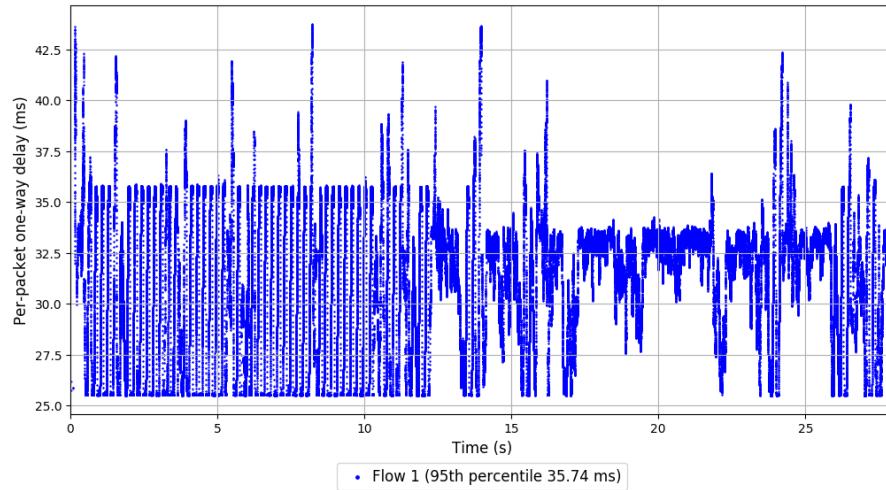
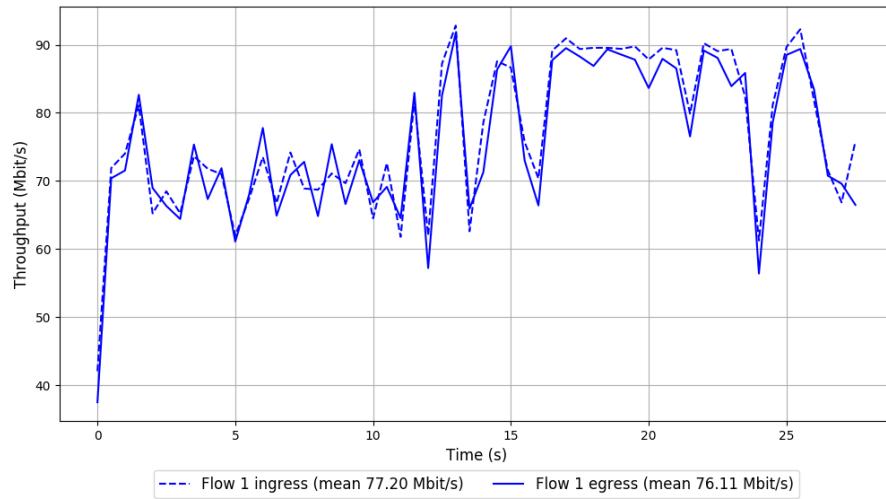


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-11-21 02:16:08
End at: 2017-11-21 02:16:38
Local clock offset: 0.875 ms
Remote clock offset: -2.028 ms

# Below is generated by plot.py at 2017-11-21 06:15:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.11 Mbit/s
95th percentile per-packet one-way delay: 35.737 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 76.11 Mbit/s
95th percentile per-packet one-way delay: 35.737 ms
Loss rate: 1.60%
```

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

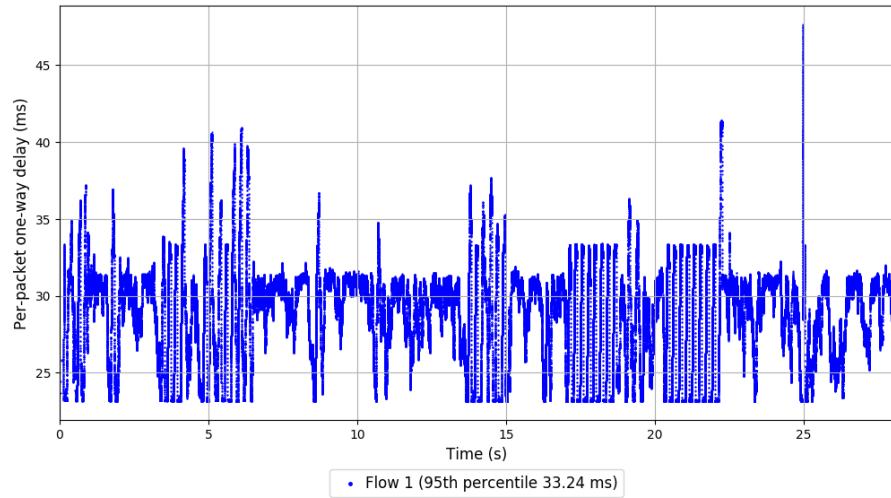
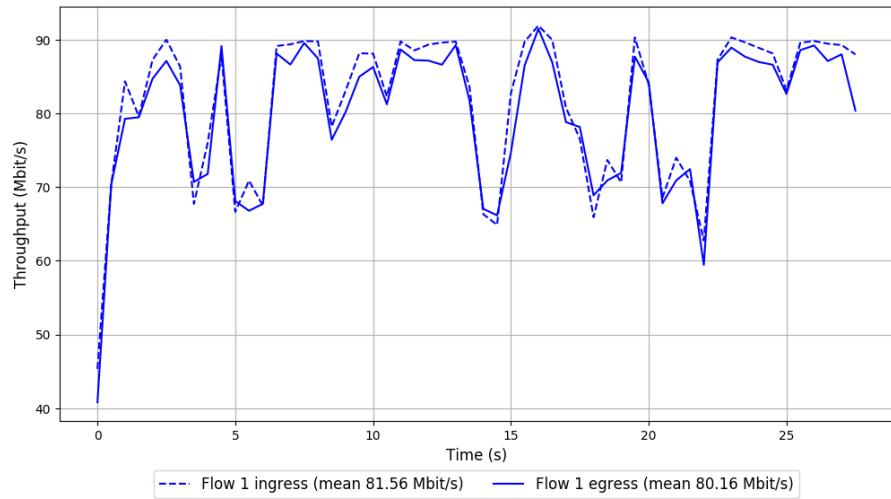


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-11-21 02:35:51
End at: 2017-11-21 02:36:21
Local clock offset: 1.222 ms
Remote clock offset: -0.458 ms

# Below is generated by plot.py at 2017-11-21 06:16:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.16 Mbit/s
95th percentile per-packet one-way delay: 33.238 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 80.16 Mbit/s
95th percentile per-packet one-way delay: 33.238 ms
Loss rate: 1.91%
```

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

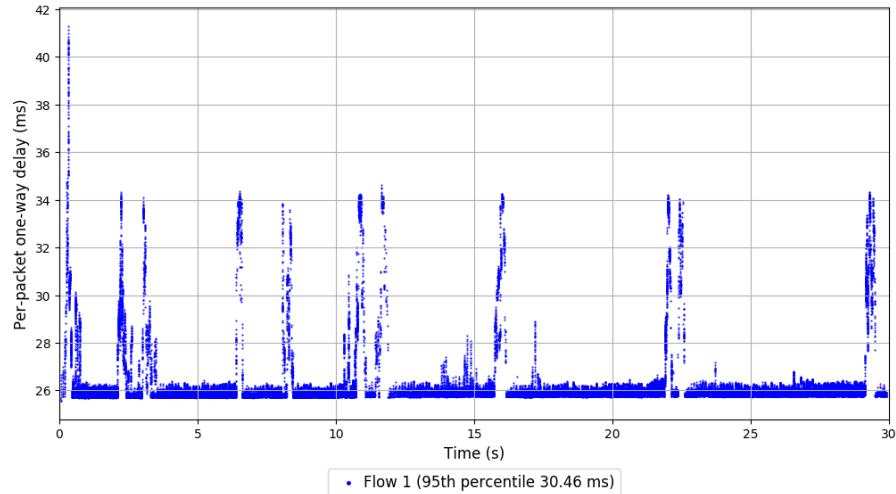
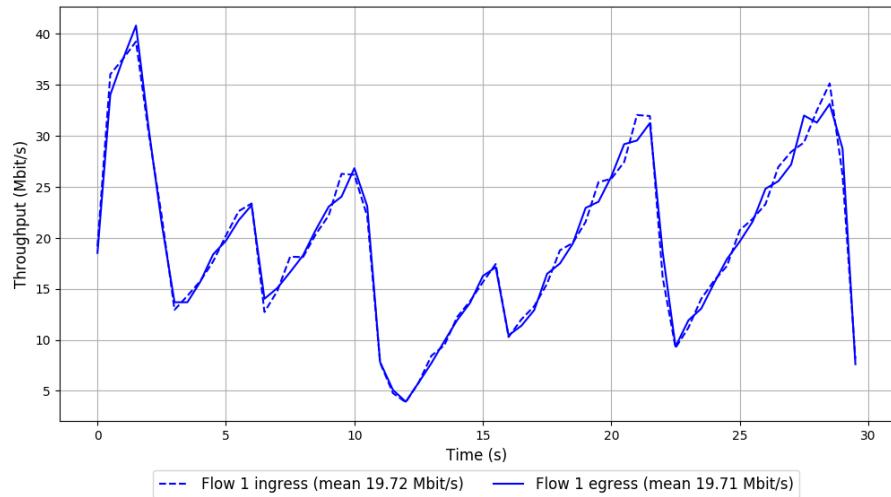


Run 1: Statistics of TCP Vegas

```
Start at: 2017-11-20 23:32:13
End at: 2017-11-20 23:32:43
Local clock offset: 1.823 ms
Remote clock offset: -1.091 ms

# Below is generated by plot.py at 2017-11-21 06:16:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.71 Mbit/s
95th percentile per-packet one-way delay: 30.464 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 19.71 Mbit/s
95th percentile per-packet one-way delay: 30.464 ms
Loss rate: 0.21%
```

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

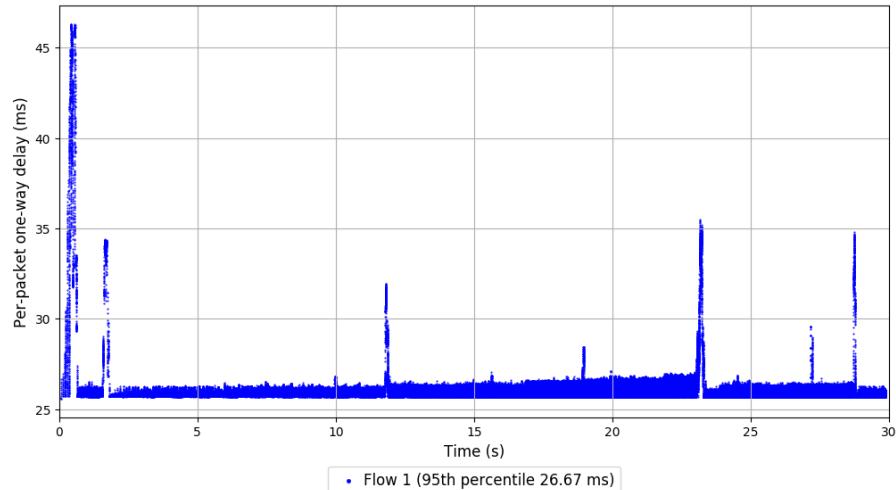
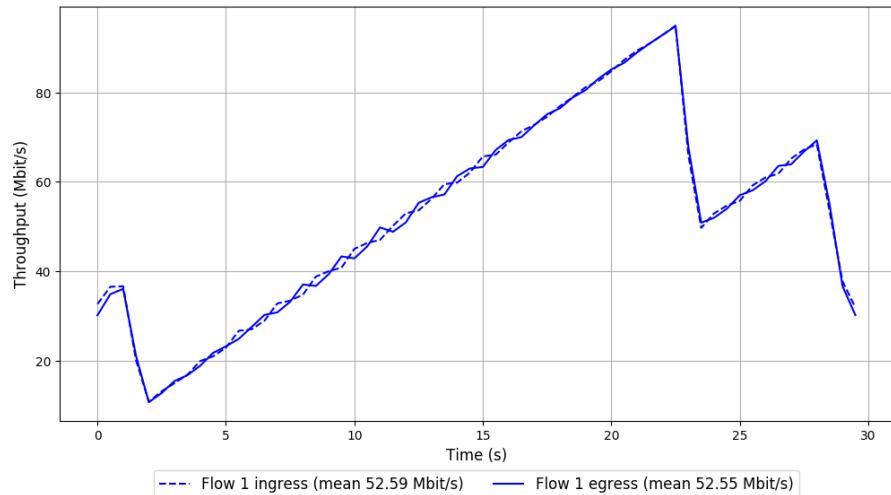


Run 2: Statistics of TCP Vegas

```
Start at: 2017-11-20 23:50:45
End at: 2017-11-20 23:51:15
Local clock offset: 1.652 ms
Remote clock offset: -2.34 ms

# Below is generated by plot.py at 2017-11-21 06:16:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.55 Mbit/s
95th percentile per-packet one-way delay: 26.671 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 52.55 Mbit/s
95th percentile per-packet one-way delay: 26.671 ms
Loss rate: 0.26%
```

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

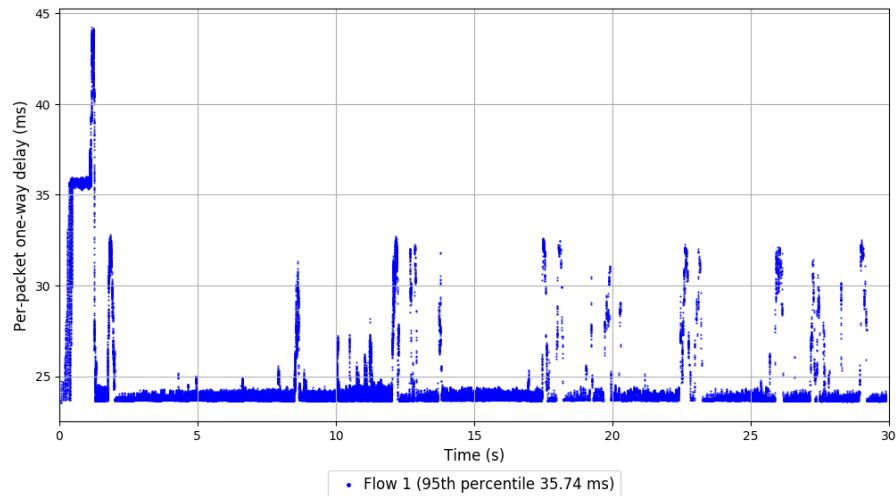
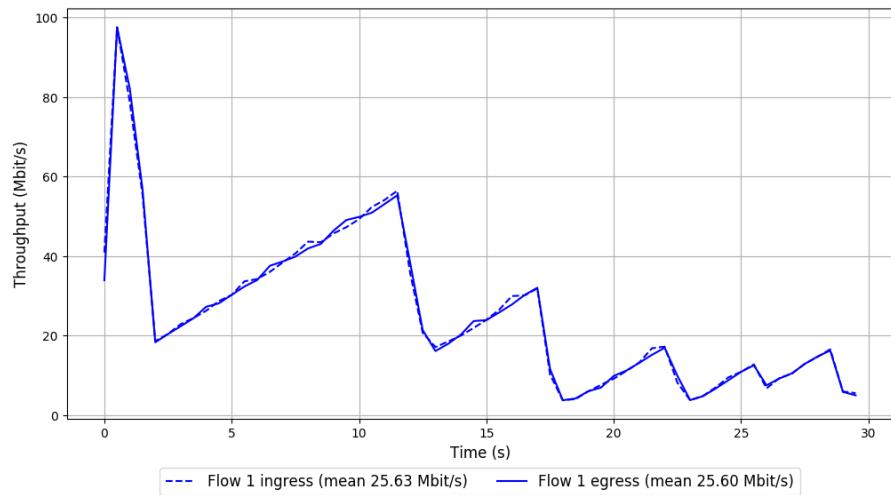


Run 3: Statistics of TCP Vegas

```
Start at: 2017-11-21 00:09:22
End at: 2017-11-21 00:09:52
Local clock offset: 2.565 ms
Remote clock offset: -0.576 ms

# Below is generated by plot.py at 2017-11-21 06:16:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.60 Mbit/s
95th percentile per-packet one-way delay: 35.736 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 25.60 Mbit/s
95th percentile per-packet one-way delay: 35.736 ms
Loss rate: 0.31%
```

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

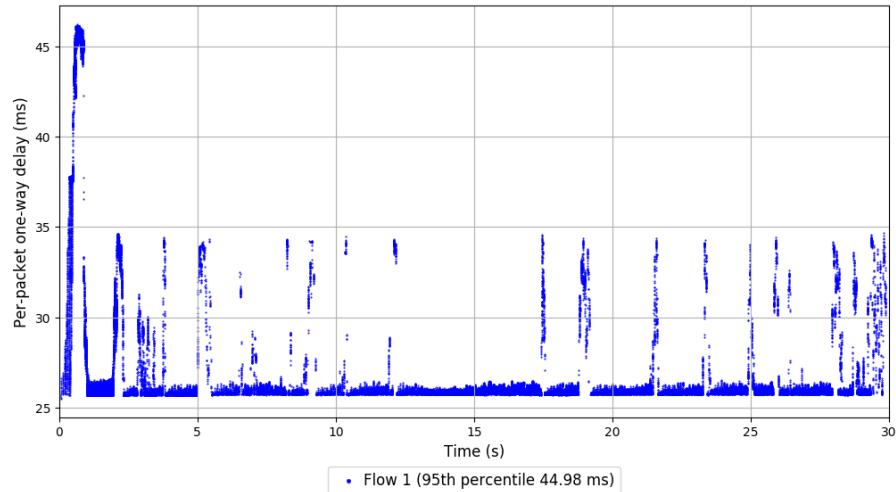
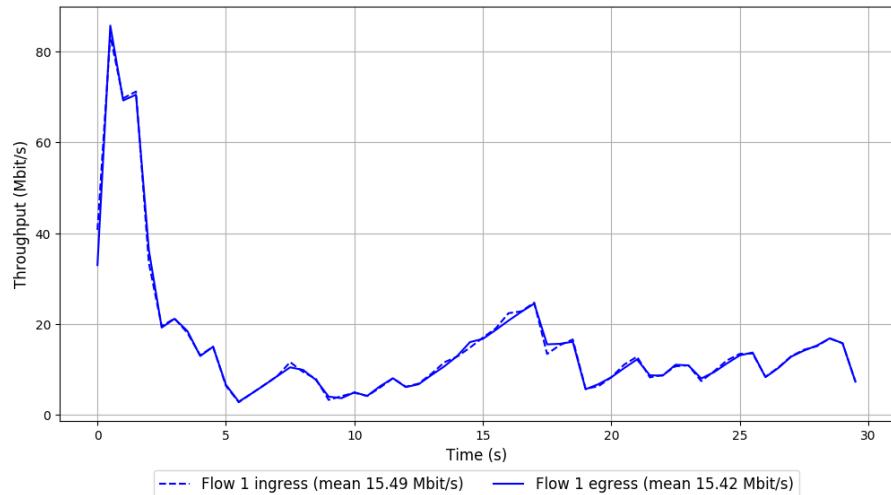


Run 4: Statistics of TCP Vegas

```
Start at: 2017-11-21 00:28:42
End at: 2017-11-21 00:29:12
Local clock offset: 3.379 ms
Remote clock offset: -2.439 ms

# Below is generated by plot.py at 2017-11-21 06:16:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.42 Mbit/s
95th percentile per-packet one-way delay: 44.975 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 15.42 Mbit/s
95th percentile per-packet one-way delay: 44.975 ms
Loss rate: 0.62%
```

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

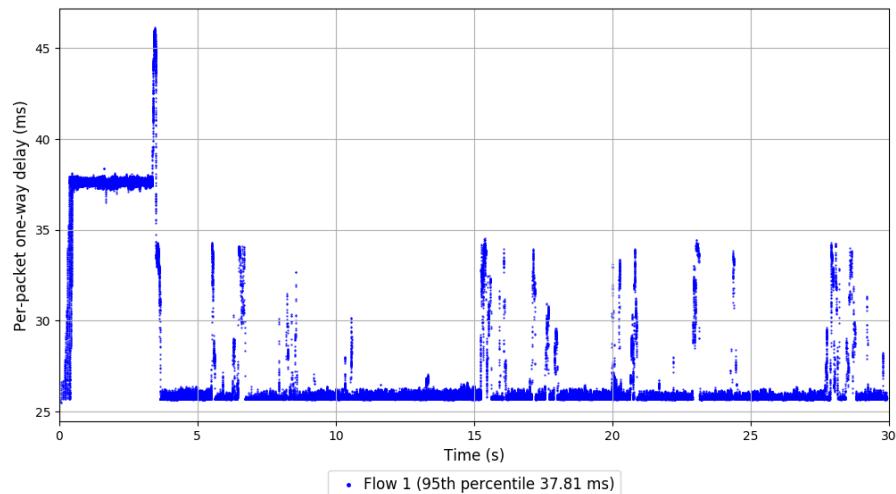
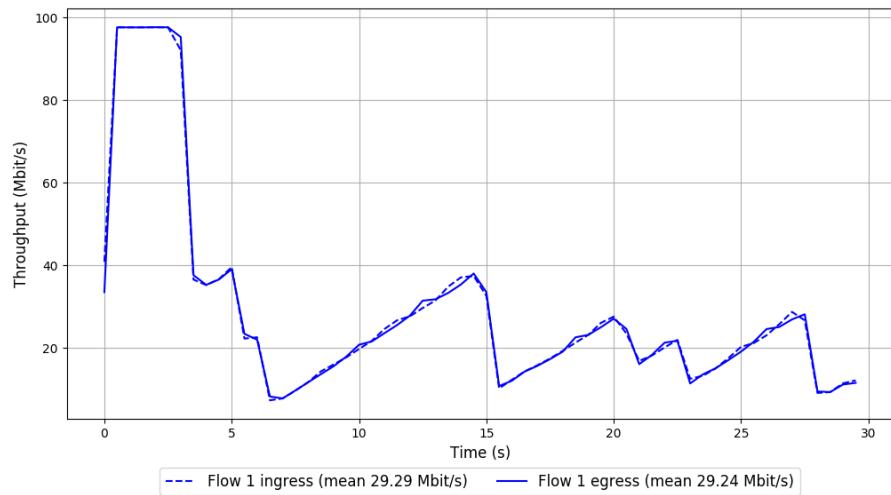


Run 5: Statistics of TCP Vegas

```
Start at: 2017-11-21 00:47:40
End at: 2017-11-21 00:48:10
Local clock offset: 3.437 ms
Remote clock offset: -2.338 ms

# Below is generated by plot.py at 2017-11-21 06:16:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.24 Mbit/s
95th percentile per-packet one-way delay: 37.810 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 29.24 Mbit/s
95th percentile per-packet one-way delay: 37.810 ms
Loss rate: 0.29%
```

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

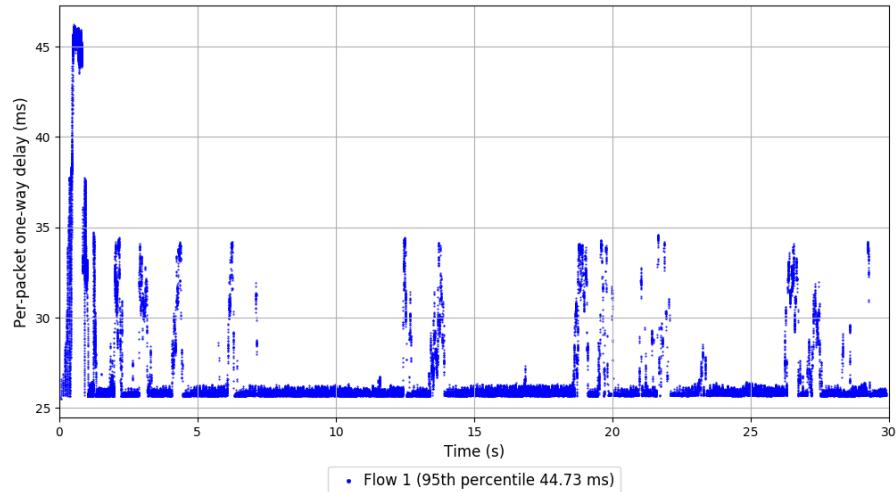
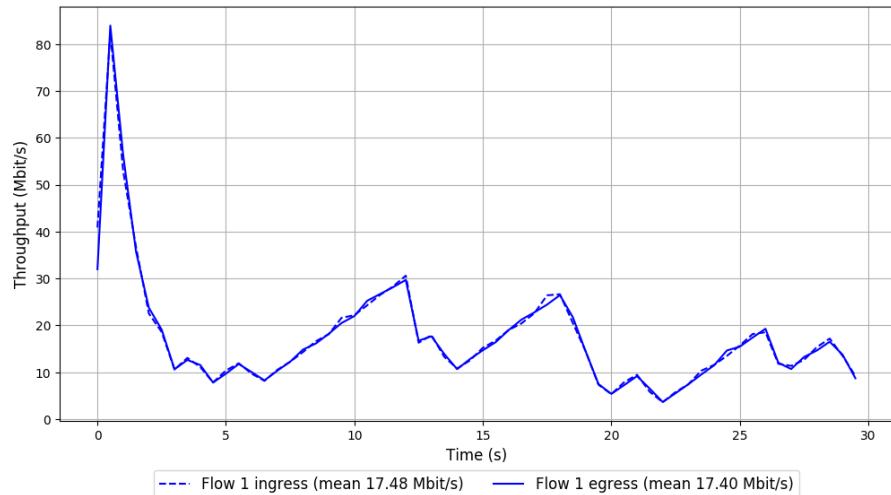


Run 6: Statistics of TCP Vegas

```
Start at: 2017-11-21 01:06:20
End at: 2017-11-21 01:06:50
Local clock offset: 2.186 ms
Remote clock offset: -2.025 ms

# Below is generated by plot.py at 2017-11-21 06:16:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.40 Mbit/s
95th percentile per-packet one-way delay: 44.734 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 17.40 Mbit/s
95th percentile per-packet one-way delay: 44.734 ms
Loss rate: 0.62%
```

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

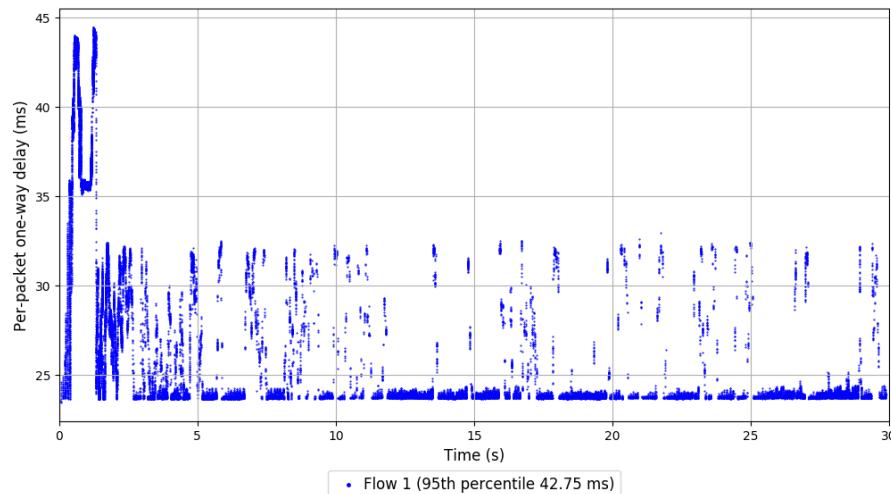
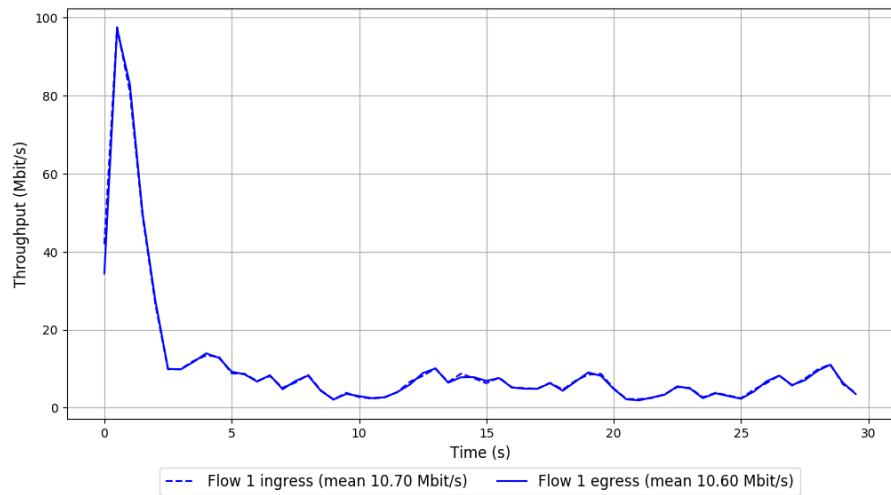


Run 7: Statistics of TCP Vegas

```
Start at: 2017-11-21 01:25:52
End at: 2017-11-21 01:26:22
Local clock offset: 2.07 ms
Remote clock offset: 0.138 ms

# Below is generated by plot.py at 2017-11-21 06:16:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.60 Mbit/s
95th percentile per-packet one-way delay: 42.746 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 10.60 Mbit/s
95th percentile per-packet one-way delay: 42.746 ms
Loss rate: 1.11%
```

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

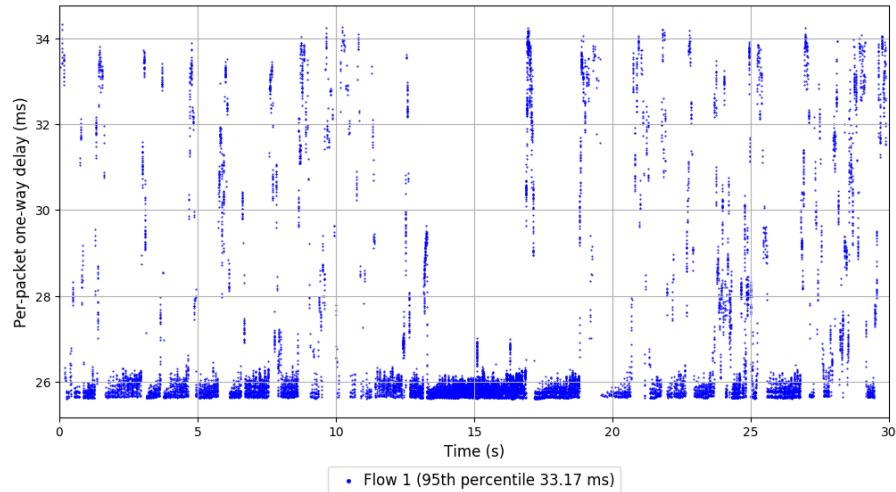
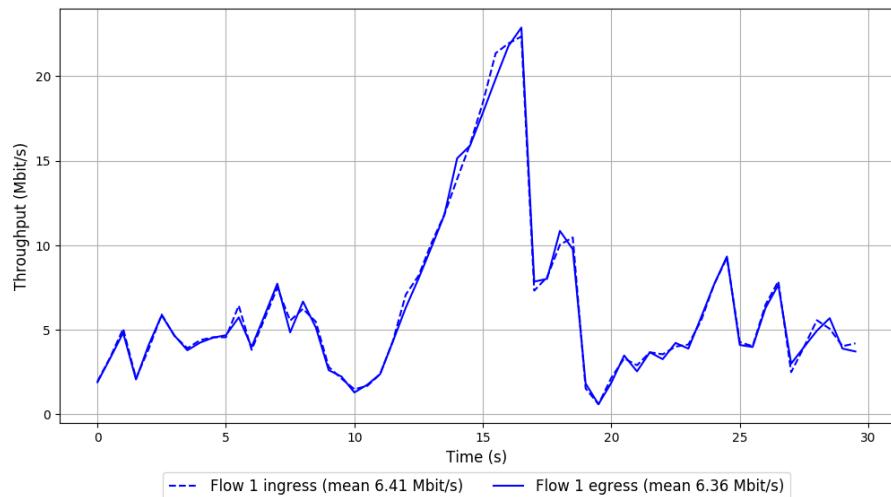


Run 8: Statistics of TCP Vegas

```
Start at: 2017-11-21 01:45:51
End at: 2017-11-21 01:46:21
Local clock offset: 0.869 ms
Remote clock offset: -2.433 ms

# Below is generated by plot.py at 2017-11-21 06:16:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.36 Mbit/s
95th percentile per-packet one-way delay: 33.170 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 6.36 Mbit/s
95th percentile per-packet one-way delay: 33.170 ms
Loss rate: 0.91%
```

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

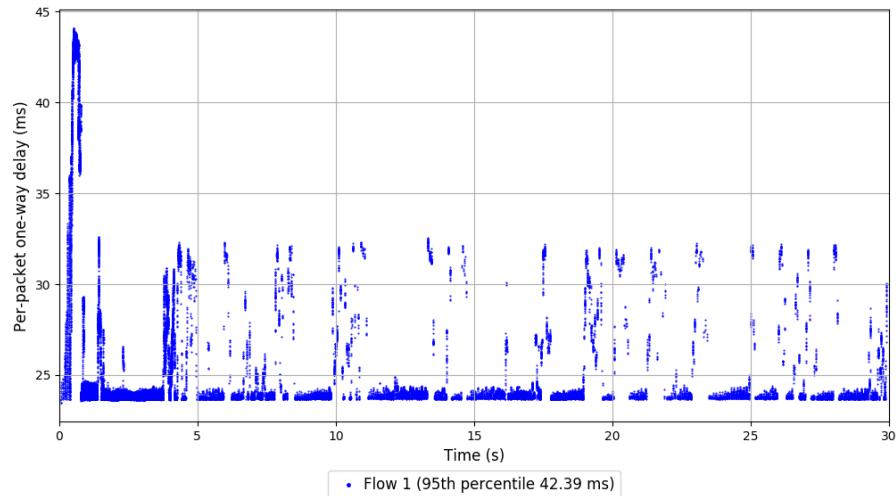
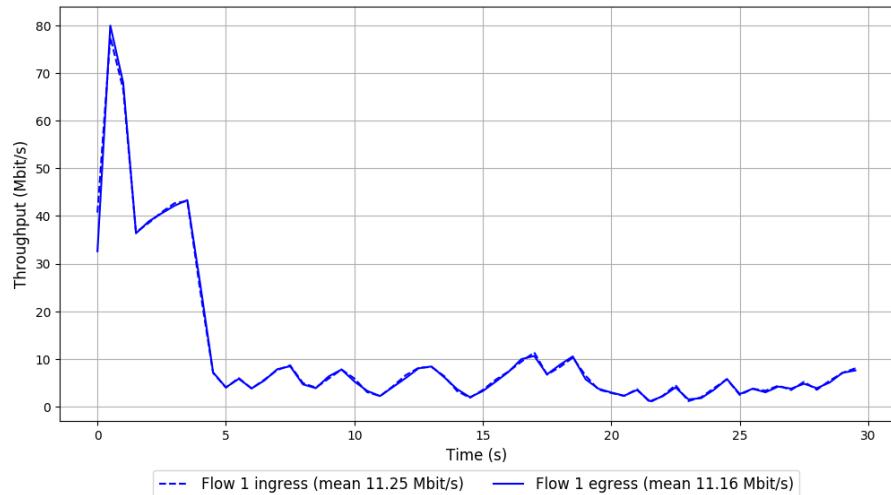


Run 9: Statistics of TCP Vegas

```
Start at: 2017-11-21 02:06:20
End at: 2017-11-21 02:06:50
Local clock offset: 0.899 ms
Remote clock offset: -0.171 ms

# Below is generated by plot.py at 2017-11-21 06:16:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 42.388 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 42.388 ms
Loss rate: 0.96%
```

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

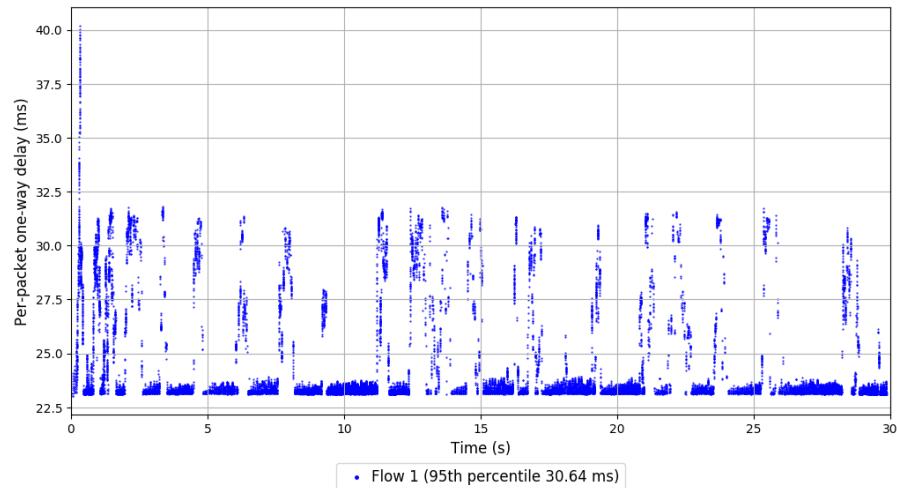
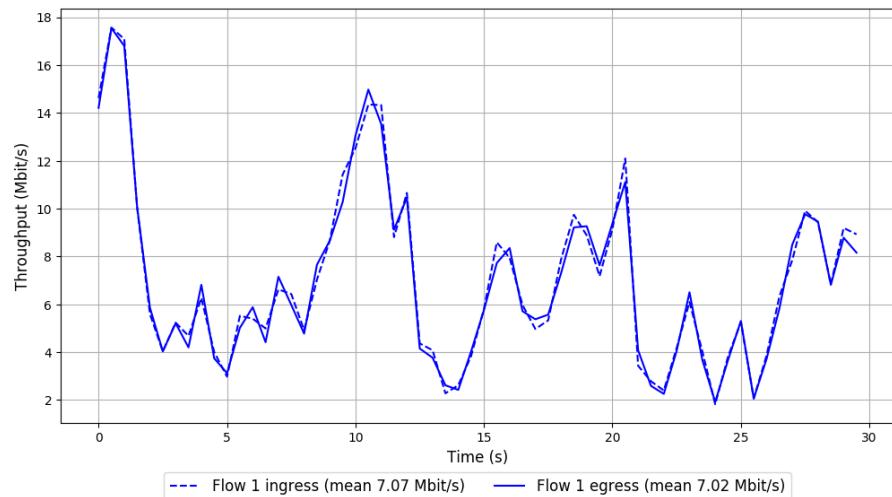


Run 10: Statistics of TCP Vegas

```
Start at: 2017-11-21 02:26:08
End at: 2017-11-21 02:26:38
Local clock offset: 1.077 ms
Remote clock offset: 0.179 ms

# Below is generated by plot.py at 2017-11-21 06:16:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.02 Mbit/s
95th percentile per-packet one-way delay: 30.645 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 7.02 Mbit/s
95th percentile per-packet one-way delay: 30.645 ms
Loss rate: 0.86%
```

Run 10: Report of TCP Vegas — Data Link

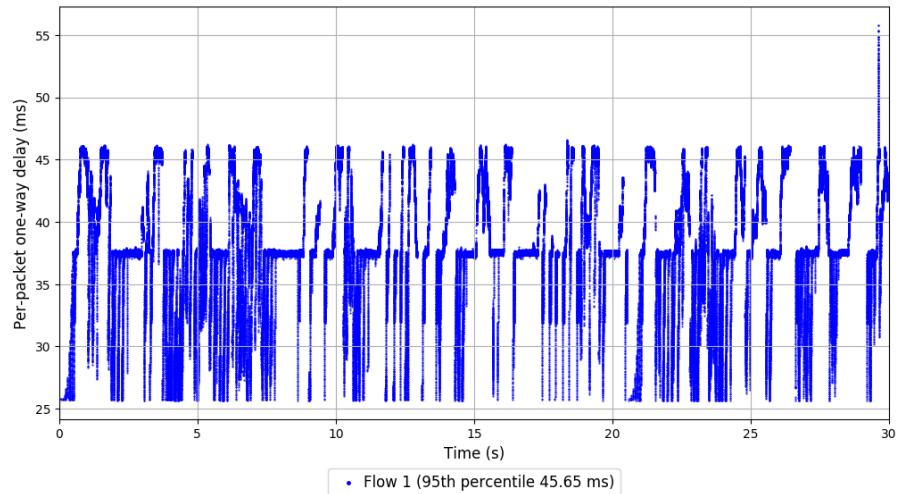
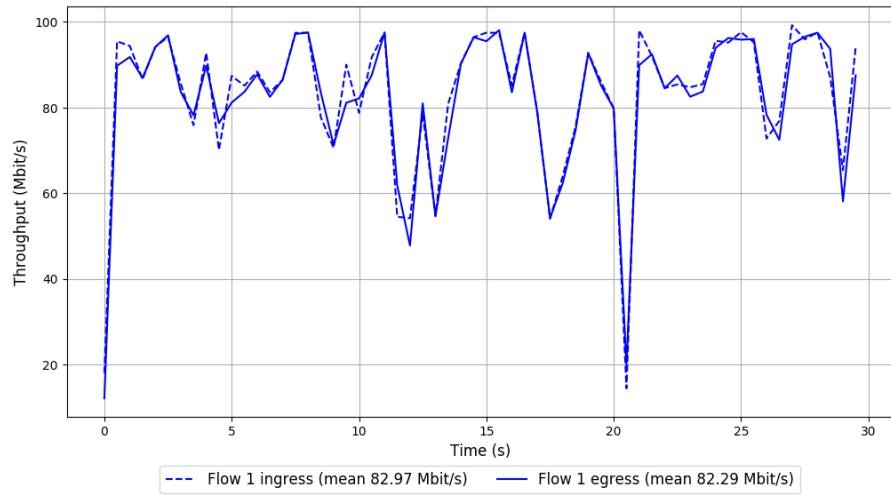


Run 1: Statistics of Verus

```
Start at: 2017-11-20 23:37:23
End at: 2017-11-20 23:37:53
Local clock offset: 1.16 ms
Remote clock offset: -1.637 ms

# Below is generated by plot.py at 2017-11-21 06:16:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.29 Mbit/s
95th percentile per-packet one-way delay: 45.647 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 82.29 Mbit/s
95th percentile per-packet one-way delay: 45.647 ms
Loss rate: 1.01%
```

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

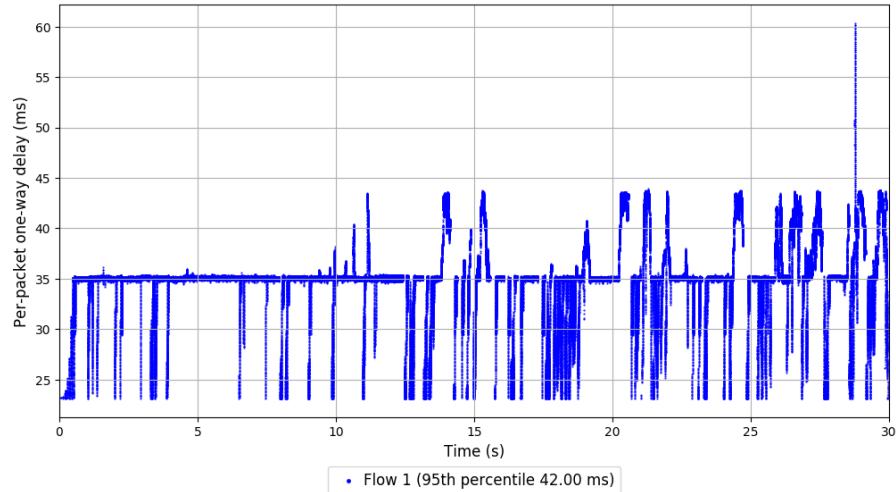
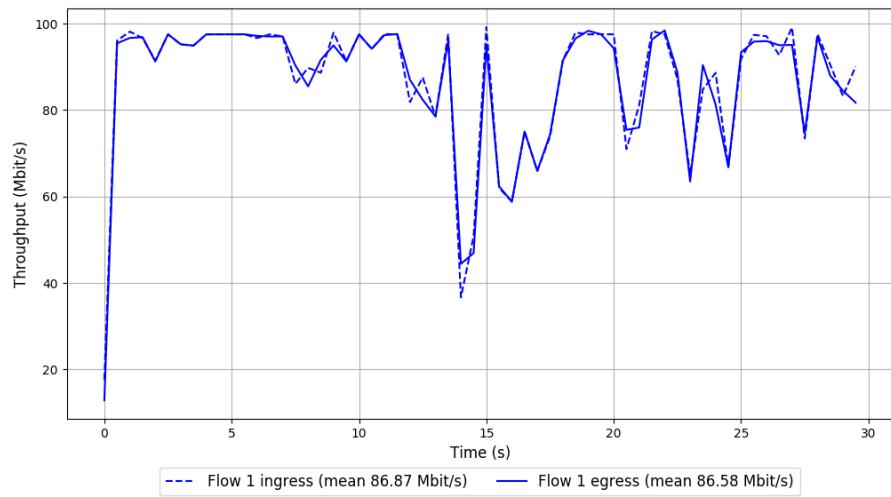


Run 2: Statistics of Verus

```
Start at: 2017-11-20 23:55:56
End at: 2017-11-20 23:56:26
Local clock offset: 1.759 ms
Remote clock offset: 0.095 ms

# Below is generated by plot.py at 2017-11-21 06:16:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.58 Mbit/s
95th percentile per-packet one-way delay: 42.002 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 86.58 Mbit/s
95th percentile per-packet one-way delay: 42.002 ms
Loss rate: 0.52%
```

## Run 2: Report of Verus — Data Link

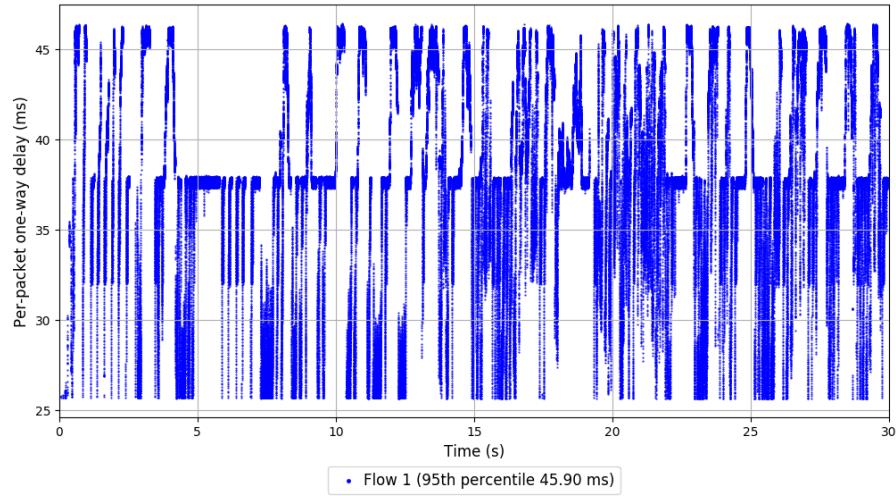
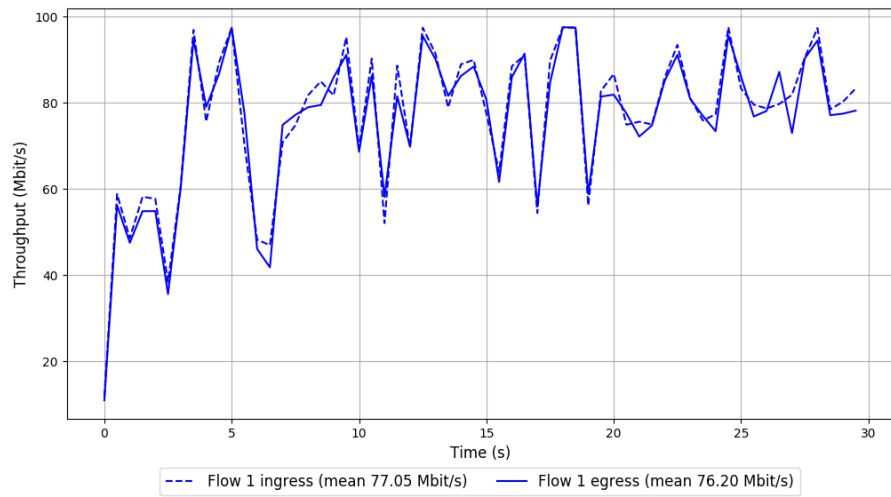


Run 3: Statistics of Verus

```
Start at: 2017-11-21 00:14:45
End at: 2017-11-21 00:15:15
Local clock offset: 2.954 ms
Remote clock offset: -2.737 ms

# Below is generated by plot.py at 2017-11-21 06:16:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.20 Mbit/s
95th percentile per-packet one-way delay: 45.897 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 76.20 Mbit/s
95th percentile per-packet one-way delay: 45.897 ms
Loss rate: 1.28%
```

Run 3: Report of Verus — Data Link

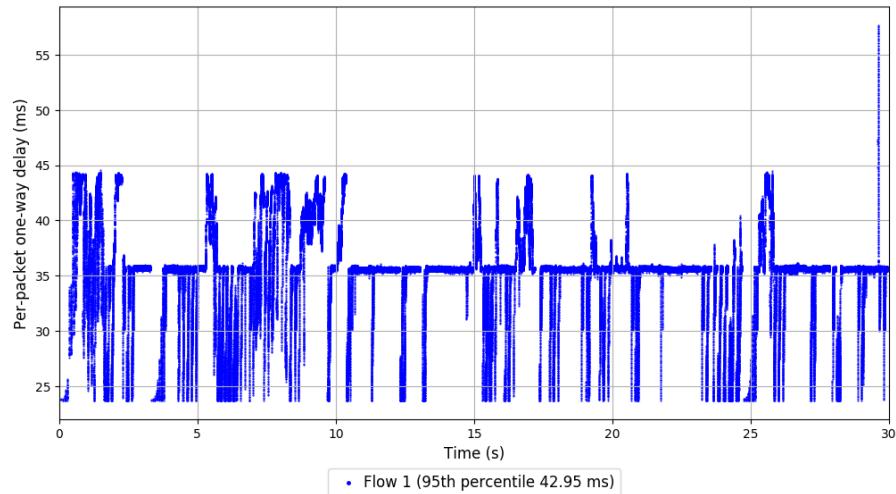
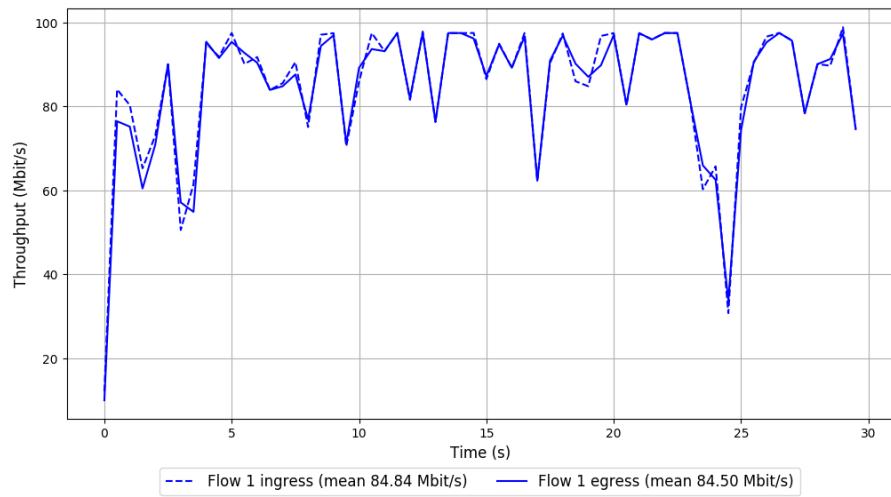


Run 4: Statistics of Verus

```
Start at: 2017-11-21 00:33:59
End at: 2017-11-21 00:34:29
Local clock offset: 3.158 ms
Remote clock offset: -0.493 ms

# Below is generated by plot.py at 2017-11-21 06:16:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.50 Mbit/s
95th percentile per-packet one-way delay: 42.949 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 84.50 Mbit/s
95th percentile per-packet one-way delay: 42.949 ms
Loss rate: 0.61%
```

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

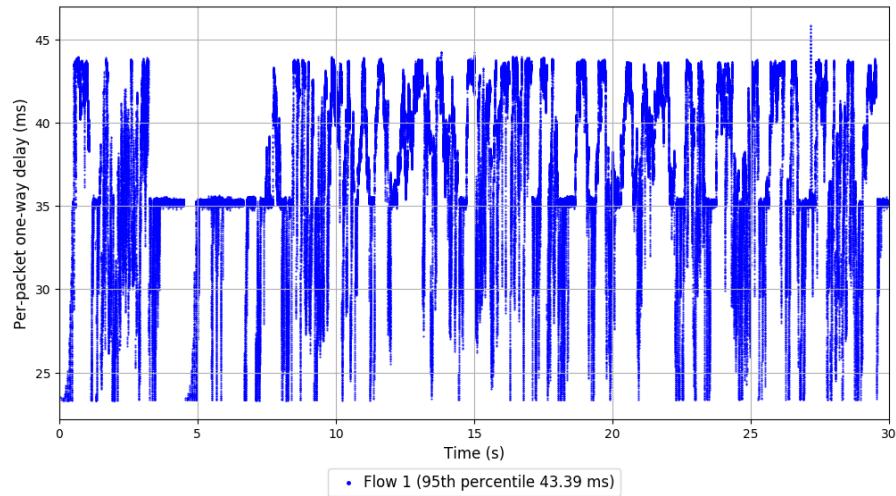
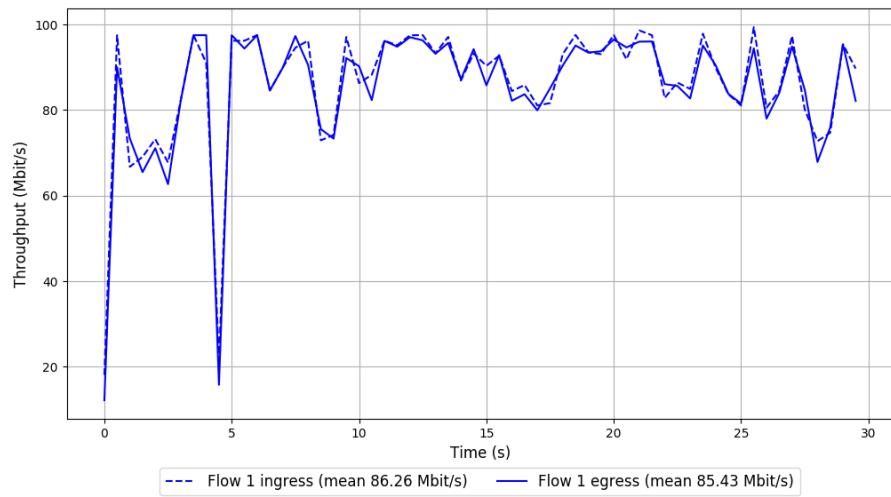


Run 5: Statistics of Verus

```
Start at: 2017-11-21 00:52:54
End at: 2017-11-21 00:53:24
Local clock offset: 3.135 ms
Remote clock offset: 0.283 ms

# Below is generated by plot.py at 2017-11-21 06:16:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.43 Mbit/s
95th percentile per-packet one-way delay: 43.386 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 85.43 Mbit/s
95th percentile per-packet one-way delay: 43.386 ms
Loss rate: 1.16%
```

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

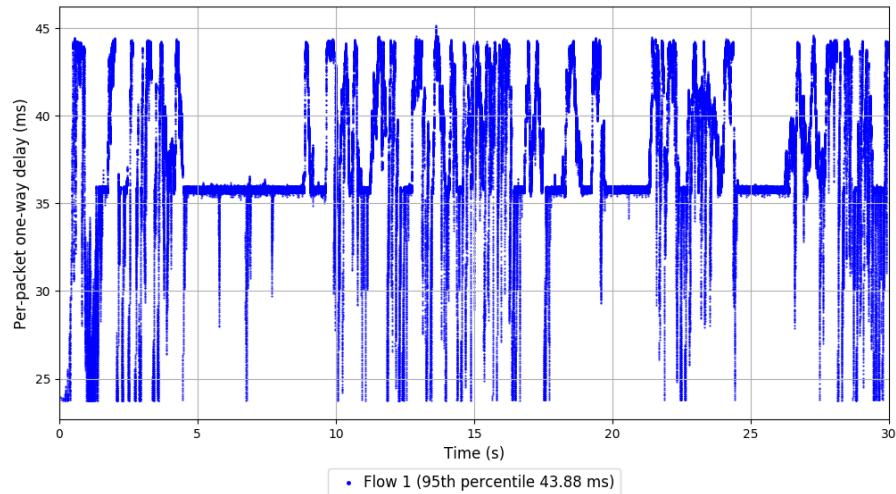
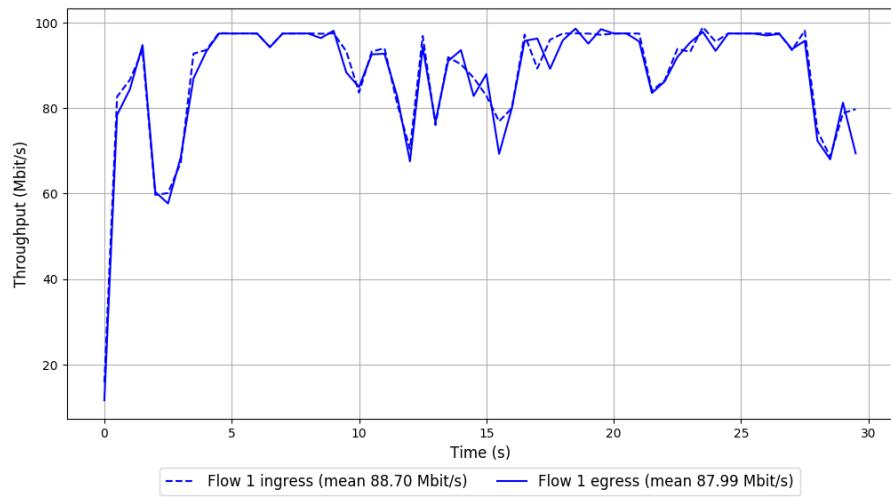


Run 6: Statistics of Verus

```
Start at: 2017-11-21 01:11:39
End at: 2017-11-21 01:12:09
Local clock offset: 2.242 ms
Remote clock offset: 0.064 ms

# Below is generated by plot.py at 2017-11-21 06:16:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.99 Mbit/s
95th percentile per-packet one-way delay: 43.881 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 87.99 Mbit/s
95th percentile per-packet one-way delay: 43.881 ms
Loss rate: 0.97%
```

### Run 6: Report of Verus — Data Link

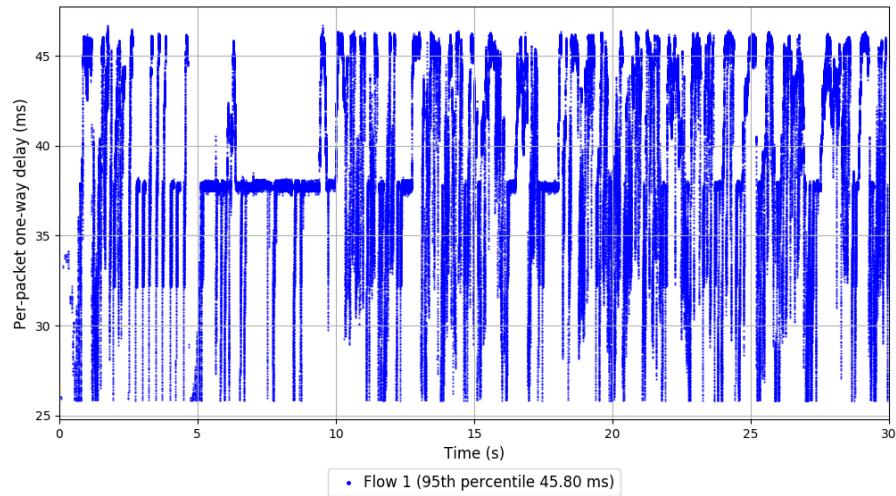
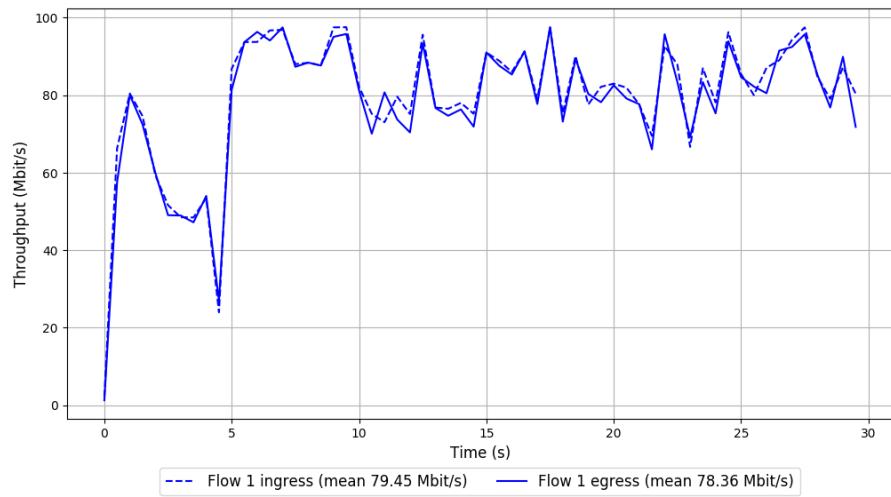


Run 7: Statistics of Verus

```
Start at: 2017-11-21 01:31:13
End at: 2017-11-21 01:31:43
Local clock offset: 1.819 ms
Remote clock offset: -2.224 ms

# Below is generated by plot.py at 2017-11-21 06:16:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.36 Mbit/s
95th percentile per-packet one-way delay: 45.805 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 78.36 Mbit/s
95th percentile per-packet one-way delay: 45.805 ms
Loss rate: 1.57%
```

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

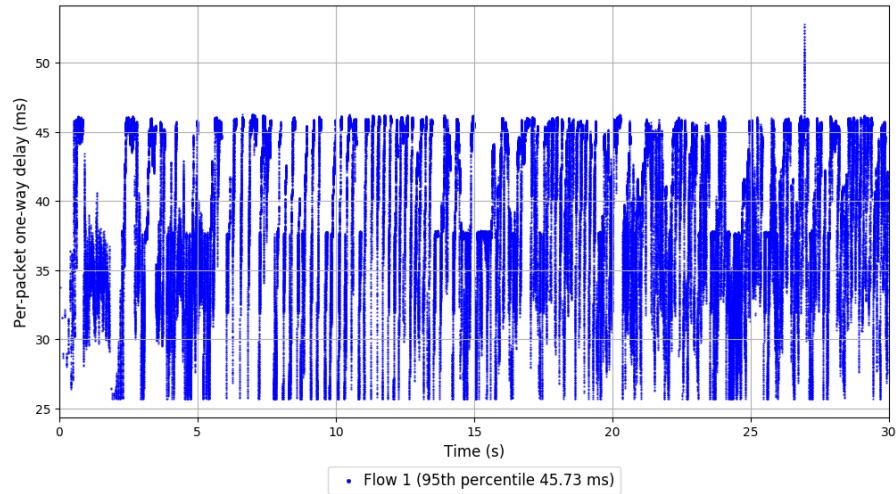
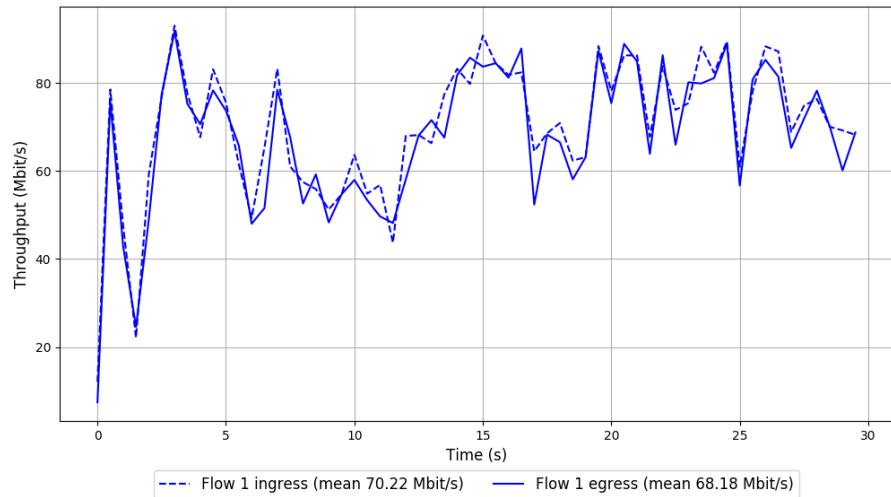


Run 8: Statistics of Verus

```
Start at: 2017-11-21 01:51:22
End at: 2017-11-21 01:51:52
Local clock offset: 0.911 ms
Remote clock offset: -2.475 ms

# Below is generated by plot.py at 2017-11-21 06:17:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.18 Mbit/s
95th percentile per-packet one-way delay: 45.725 ms
Loss rate: 2.95%
-- Flow 1:
Average throughput: 68.18 Mbit/s
95th percentile per-packet one-way delay: 45.725 ms
Loss rate: 2.95%
```

Run 8: Report of Verus — Data Link

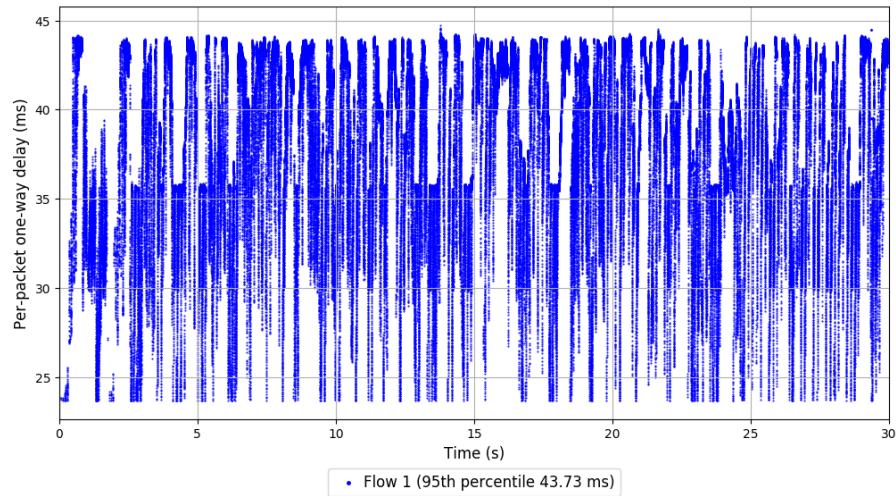
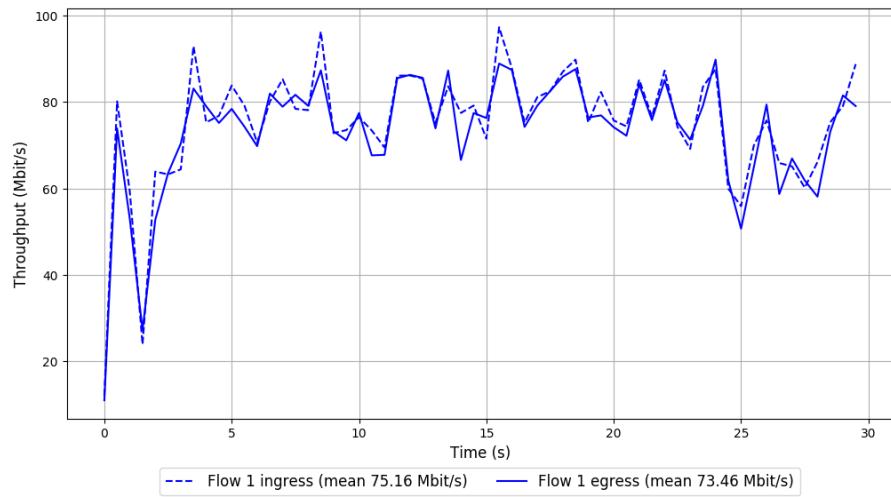


Run 9: Statistics of Verus

```
Start at: 2017-11-21 02:11:49
End at: 2017-11-21 02:12:19
Local clock offset: 0.911 ms
Remote clock offset: -0.099 ms

# Below is generated by plot.py at 2017-11-21 06:17:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.46 Mbit/s
95th percentile per-packet one-way delay: 43.727 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 73.46 Mbit/s
95th percentile per-packet one-way delay: 43.727 ms
Loss rate: 2.43%
```

Run 9: Report of Verus — Data Link

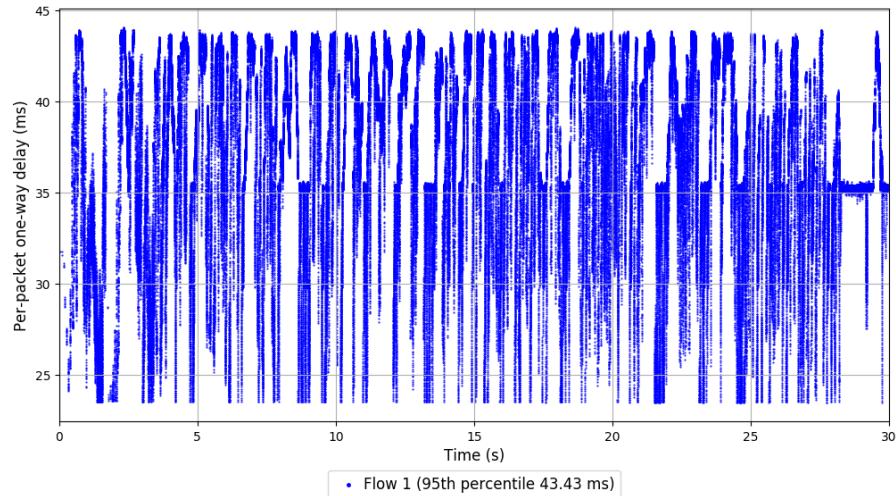
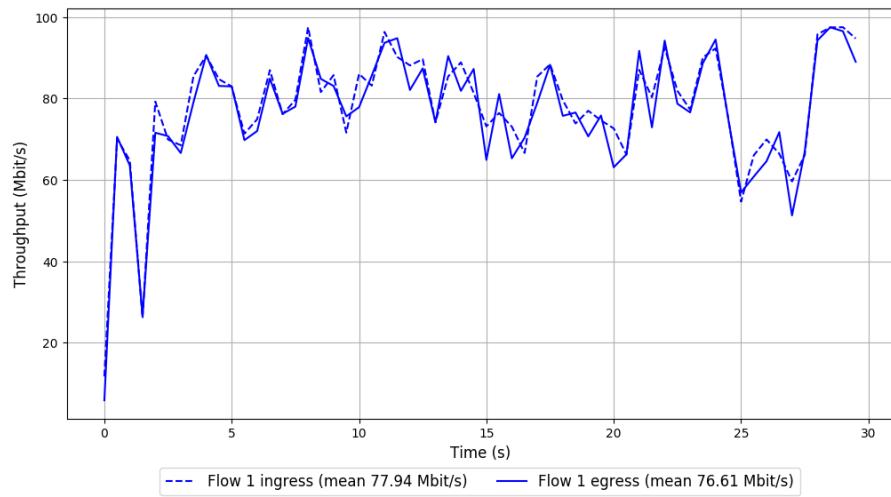


Run 10: Statistics of Verus

```
Start at: 2017-11-21 02:31:35
End at: 2017-11-21 02:32:05
Local clock offset: 1.152 ms
Remote clock offset: -0.555 ms

# Below is generated by plot.py at 2017-11-21 06:17:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.61 Mbit/s
95th percentile per-packet one-way delay: 43.427 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 76.61 Mbit/s
95th percentile per-packet one-way delay: 43.427 ms
Loss rate: 1.92%
```

Run 10: Report of Verus — Data Link

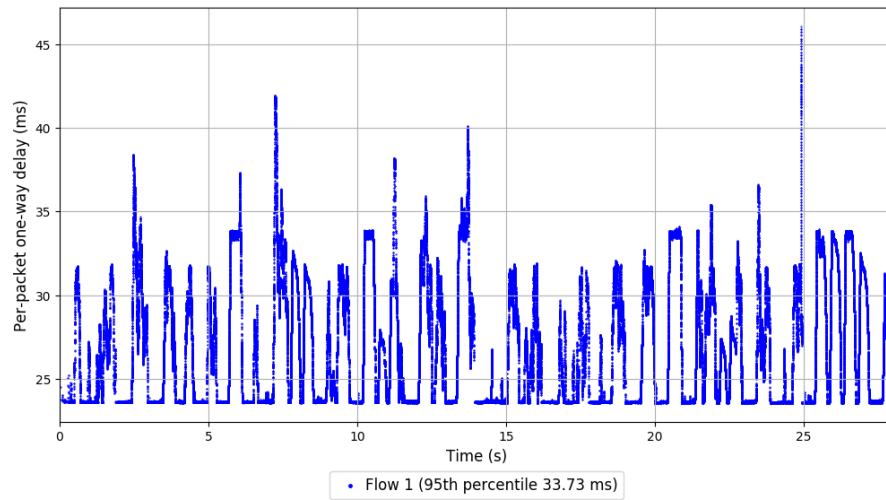
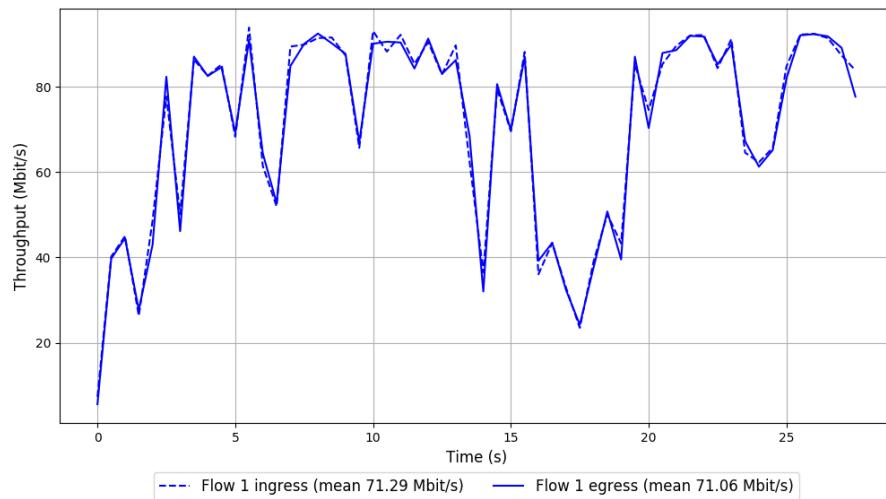


Run 1: Statistics of Copa

```
Start at: 2017-11-20 23:42:43
End at: 2017-11-20 23:43:13
Local clock offset: 1.187 ms
Remote clock offset: 0.078 ms

# Below is generated by plot.py at 2017-11-21 06:18:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.06 Mbit/s
95th percentile per-packet one-way delay: 33.728 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 71.06 Mbit/s
95th percentile per-packet one-way delay: 33.728 ms
Loss rate: 0.51%
```

Run 1: Report of Copa — Data Link

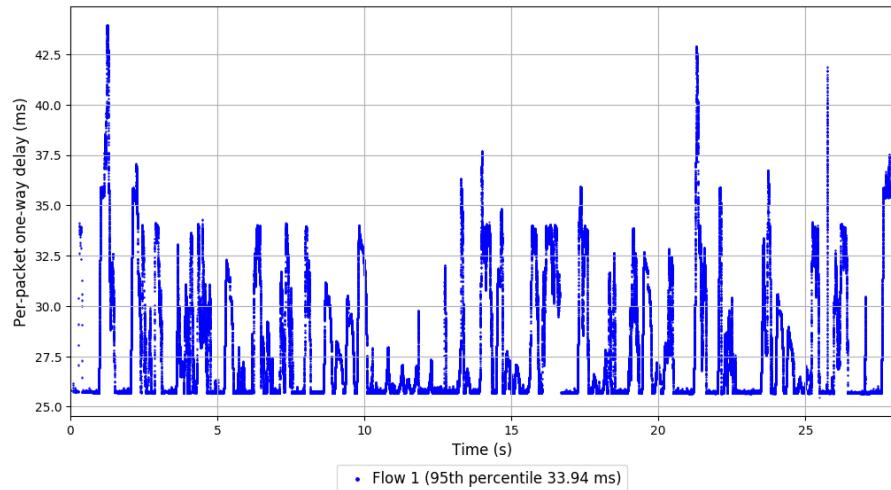
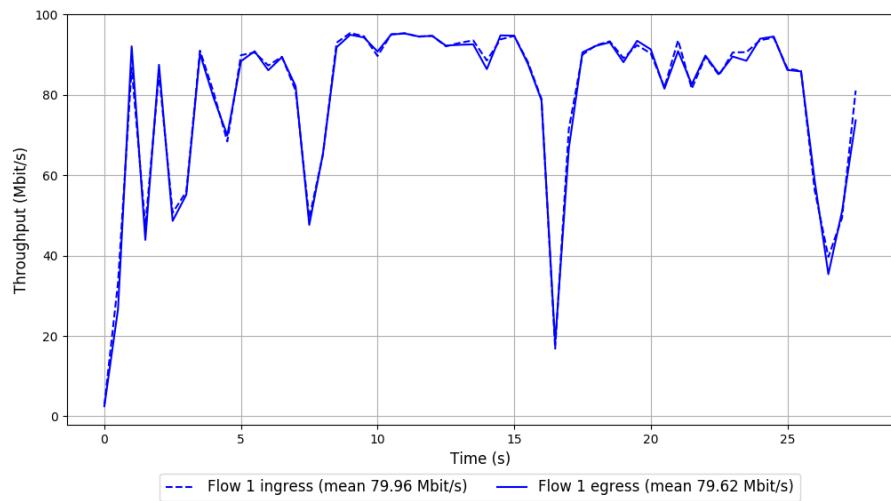


Run 2: Statistics of Copa

```
Start at: 2017-11-21 00:01:10
End at: 2017-11-21 00:01:40
Local clock offset: 1.941 ms
Remote clock offset: -2.618 ms

# Below is generated by plot.py at 2017-11-21 06:18:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.62 Mbit/s
95th percentile per-packet one-way delay: 33.942 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 79.62 Mbit/s
95th percentile per-packet one-way delay: 33.942 ms
Loss rate: 0.61%
```

## Run 2: Report of Copa — Data Link

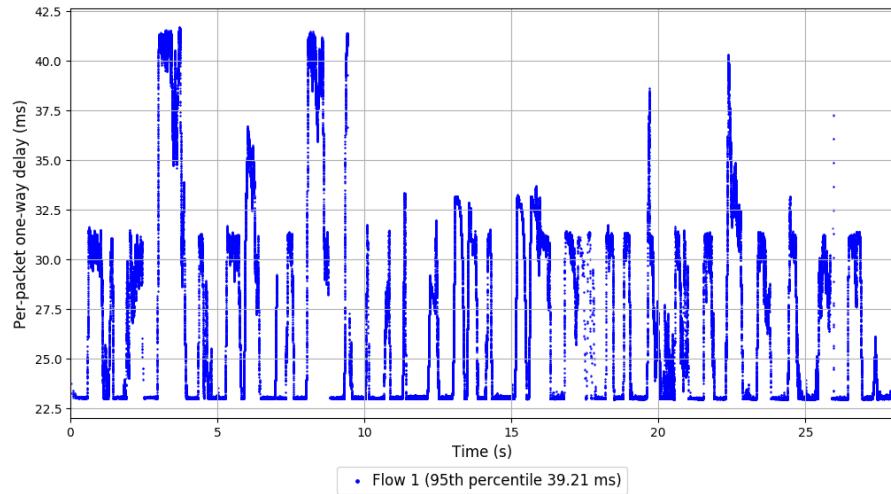
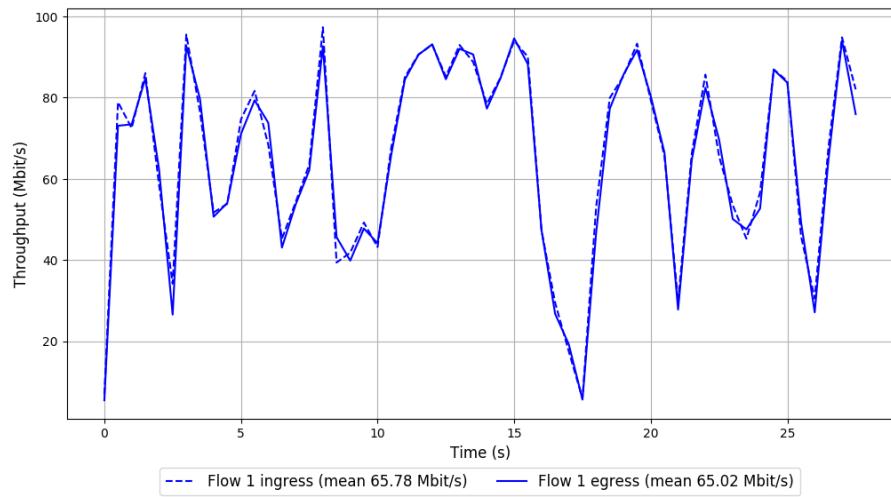


Run 3: Statistics of Copa

```
Start at: 2017-11-21 00:20:29
End at: 2017-11-21 00:20:59
Local clock offset: 3.489 ms
Remote clock offset: -0.097 ms

# Below is generated by plot.py at 2017-11-21 06:18:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.02 Mbit/s
95th percentile per-packet one-way delay: 39.213 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 65.02 Mbit/s
95th percentile per-packet one-way delay: 39.213 ms
Loss rate: 1.36%
```

### Run 3: Report of Copa — Data Link

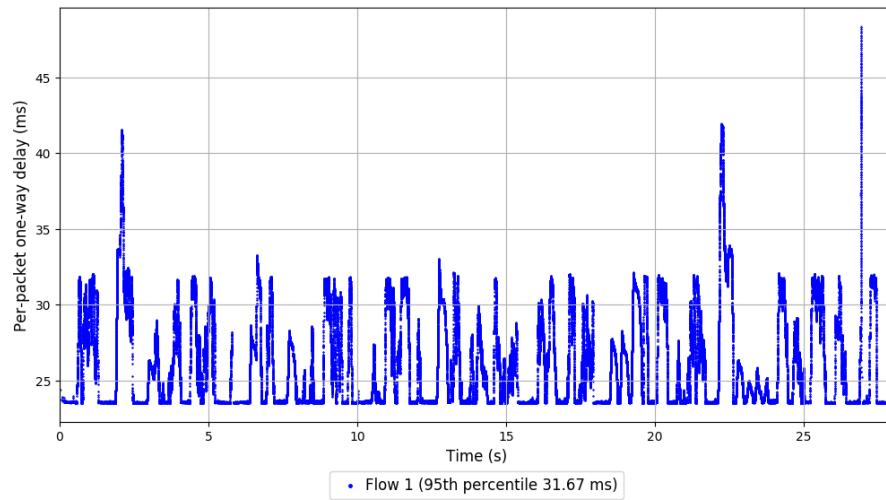
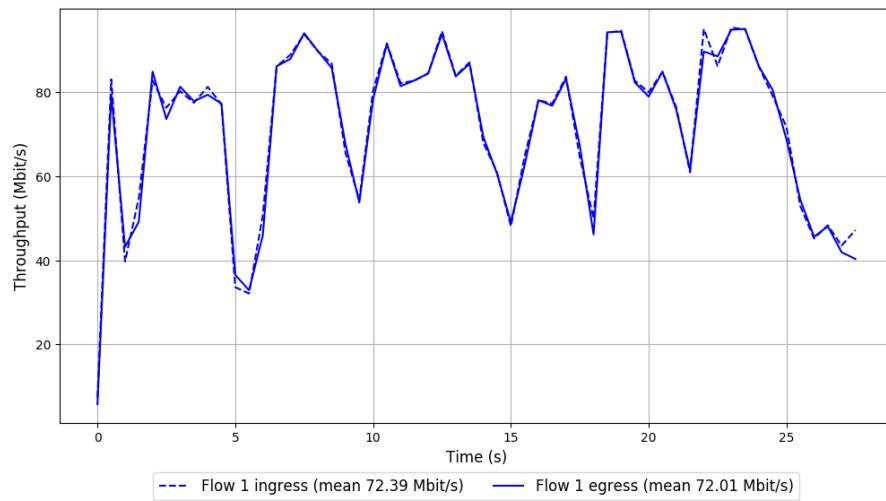


Run 4: Statistics of Copa

```
Start at: 2017-11-21 00:39:32
End at: 2017-11-21 00:40:02
Local clock offset: 3.135 ms
Remote clock offset: -0.316 ms

# Below is generated by plot.py at 2017-11-21 06:18:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.01 Mbit/s
95th percentile per-packet one-way delay: 31.669 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 72.01 Mbit/s
95th percentile per-packet one-way delay: 31.669 ms
Loss rate: 0.72%
```

Run 4: Report of Copa — Data Link

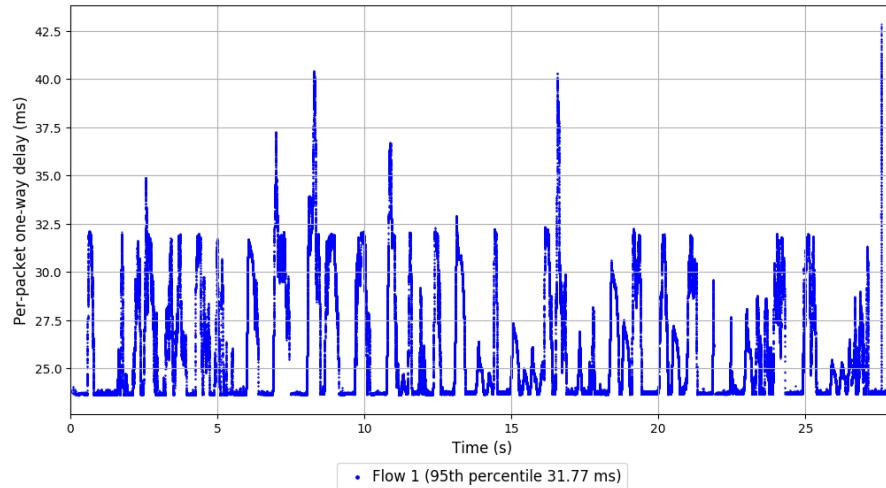
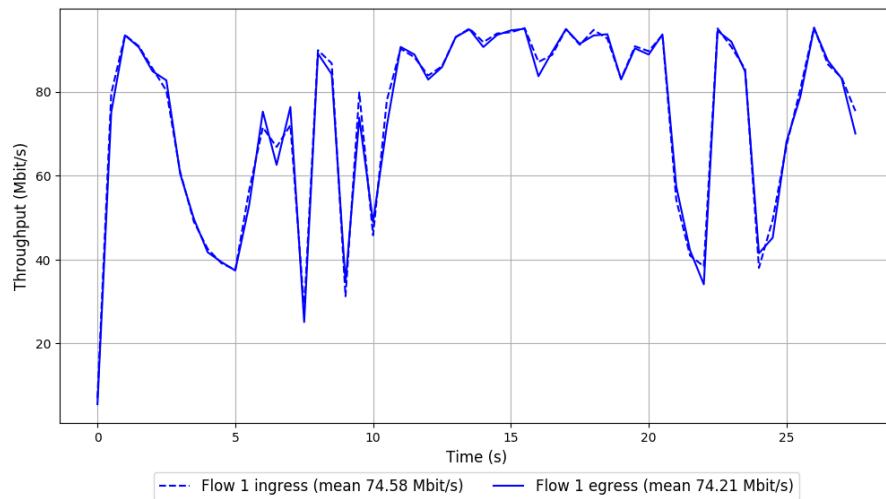


Run 5: Statistics of Copa

```
Start at: 2017-11-21 00:58:20
End at: 2017-11-21 00:58:50
Local clock offset: 2.589 ms
Remote clock offset: -0.066 ms

# Below is generated by plot.py at 2017-11-21 06:18:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.21 Mbit/s
95th percentile per-packet one-way delay: 31.765 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 74.21 Mbit/s
95th percentile per-packet one-way delay: 31.765 ms
Loss rate: 0.68%
```

Run 5: Report of Copa — Data Link

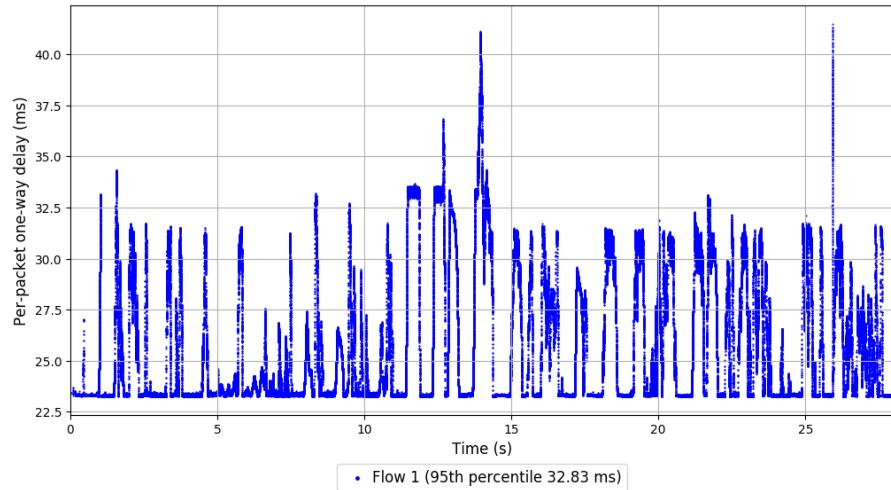
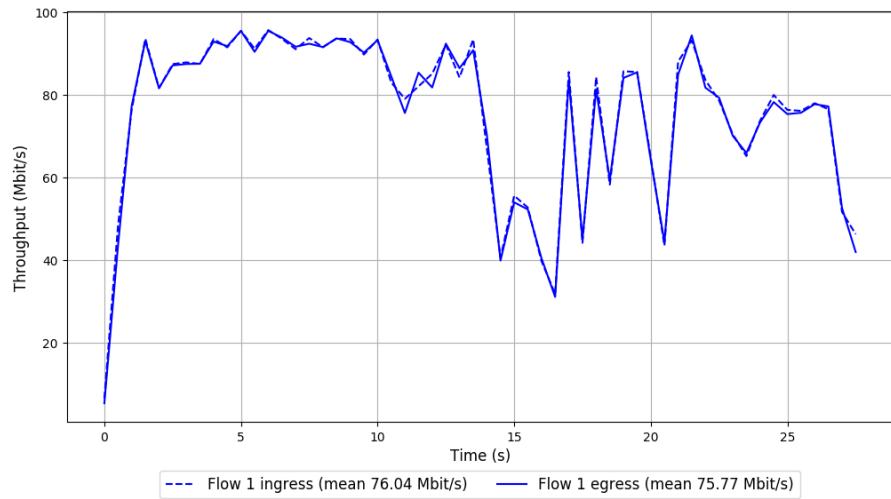


Run 6: Statistics of Copa

```
Start at: 2017-11-21 01:17:25
End at: 2017-11-21 01:17:55
Local clock offset: 2.314 ms
Remote clock offset: 0.7 ms

# Below is generated by plot.py at 2017-11-21 06:19:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 32.825 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 32.825 ms
Loss rate: 0.55%
```

### Run 6: Report of Copa — Data Link

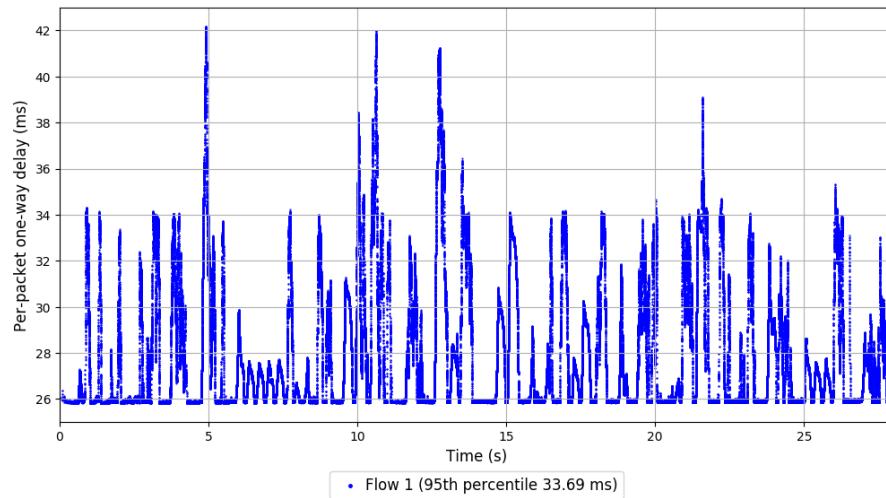
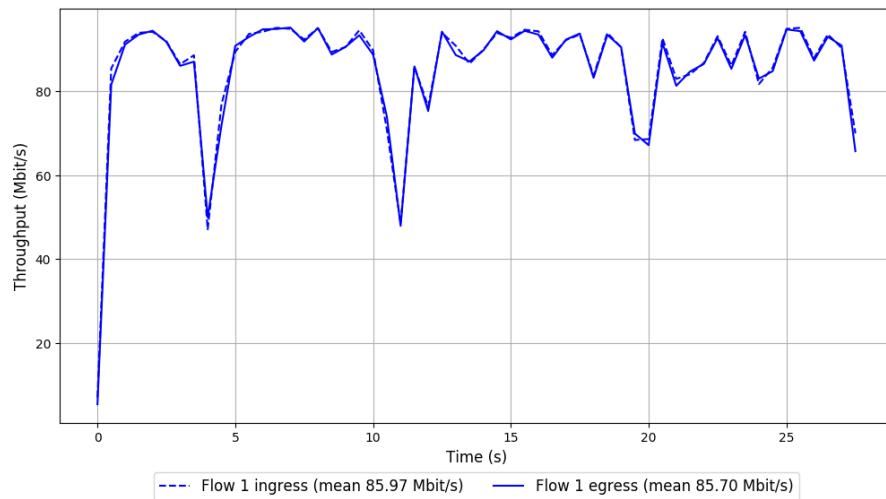


Run 7: Statistics of Copa

```
Start at: 2017-11-21 01:37:19
End at: 2017-11-21 01:37:49
Local clock offset: 1.486 ms
Remote clock offset: -2.425 ms

# Below is generated by plot.py at 2017-11-21 06:19:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.70 Mbit/s
95th percentile per-packet one-way delay: 33.691 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 85.70 Mbit/s
95th percentile per-packet one-way delay: 33.691 ms
Loss rate: 0.51%
```

Run 7: Report of Copa — Data Link

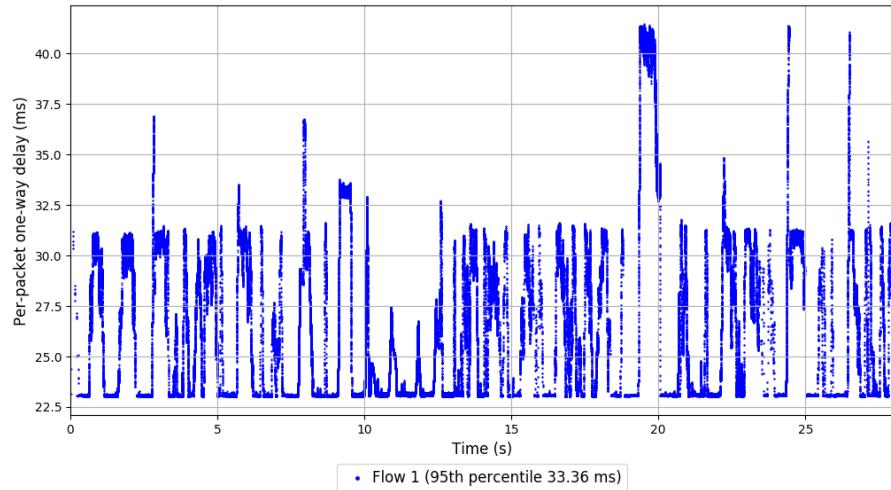
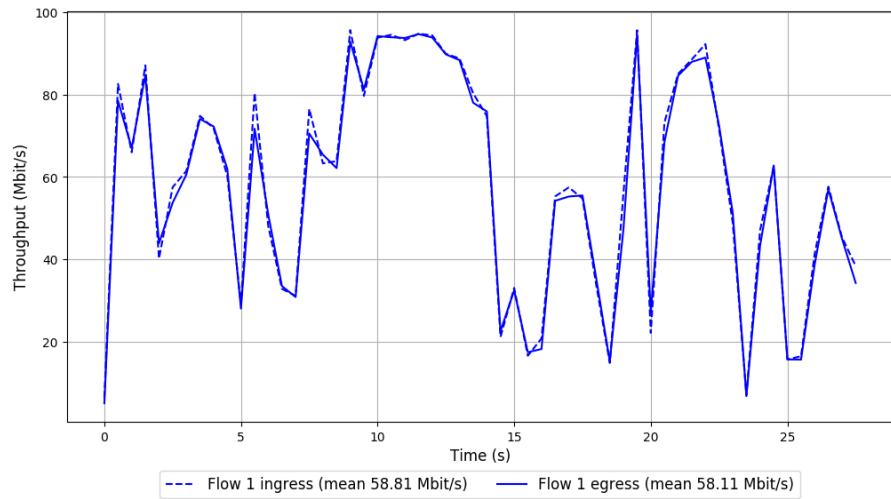


Run 8: Statistics of Copa

```
Start at: 2017-11-21 01:57:49
End at: 2017-11-21 01:58:19
Local clock offset: 0.81 ms
Remote clock offset: 0.184 ms

# Below is generated by plot.py at 2017-11-21 06:19:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.11 Mbit/s
95th percentile per-packet one-way delay: 33.362 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 58.11 Mbit/s
95th percentile per-packet one-way delay: 33.362 ms
Loss rate: 1.40%
```

### Run 8: Report of Copa — Data Link

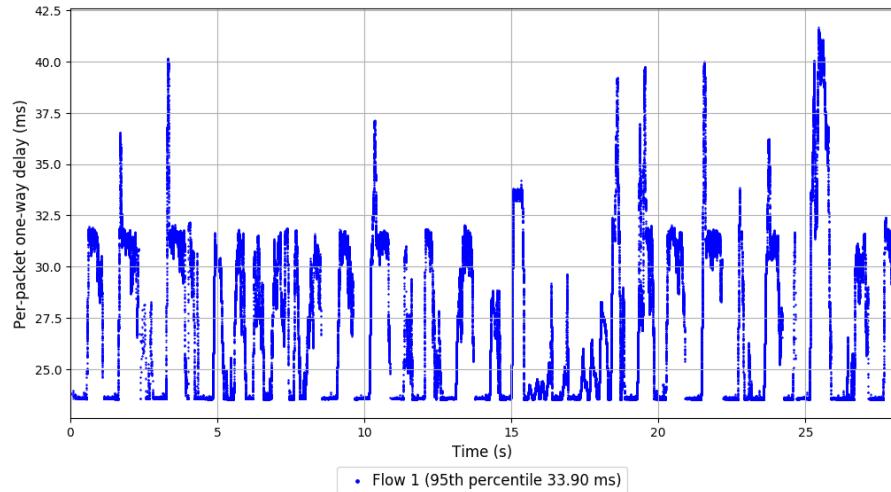
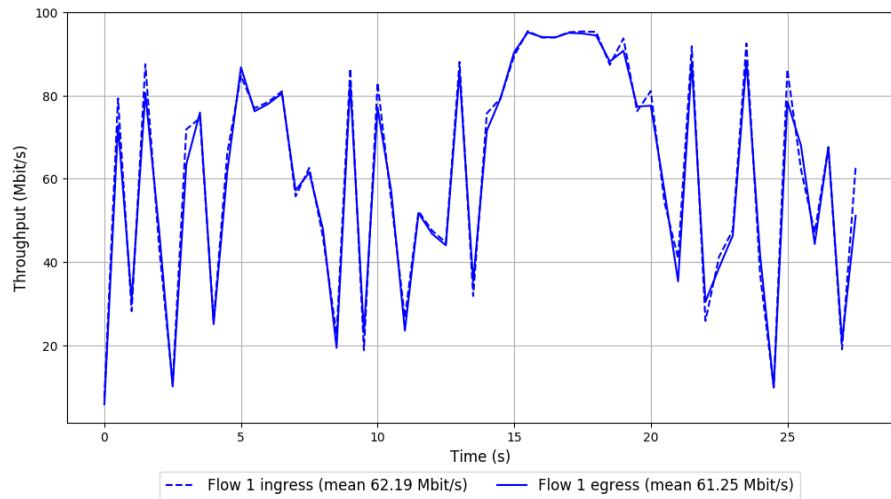


Run 9: Statistics of Copa

```
Start at: 2017-11-21 02:17:46
End at: 2017-11-21 02:18:16
Local clock offset: 0.901 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2017-11-21 06:19:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.25 Mbit/s
95th percentile per-packet one-way delay: 33.904 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 61.25 Mbit/s
95th percentile per-packet one-way delay: 33.904 ms
Loss rate: 1.69%
```

### Run 9: Report of Copa — Data Link

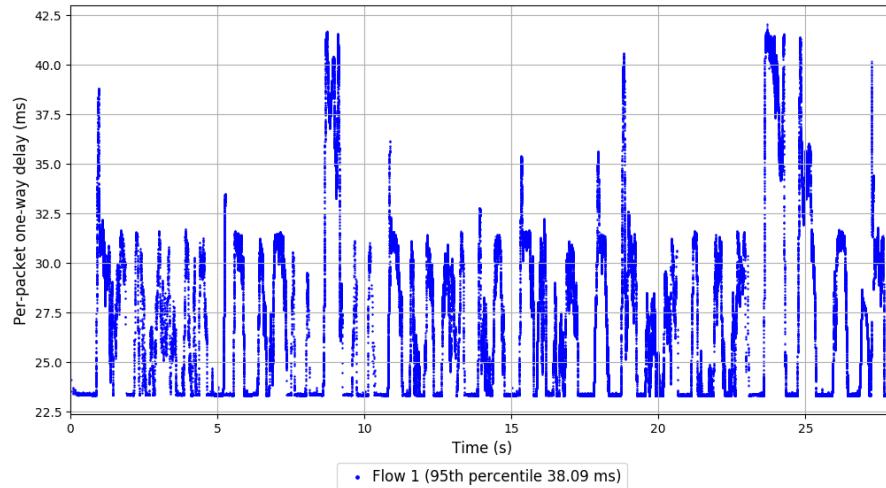
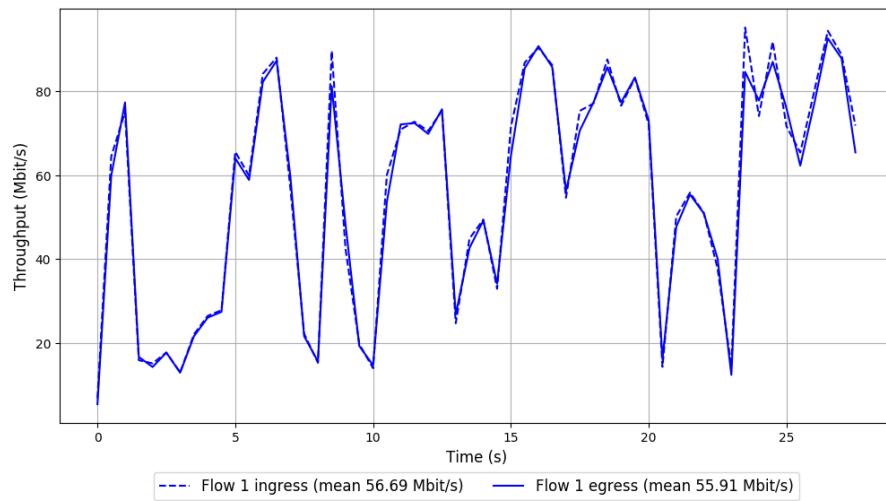


Run 10: Statistics of Copa

```
Start at: 2017-11-21 02:37:26
End at: 2017-11-21 02:37:56
Local clock offset: 1.32 ms
Remote clock offset: -0.526 ms

# Below is generated by plot.py at 2017-11-21 06:19:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.91 Mbit/s
95th percentile per-packet one-way delay: 38.089 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 55.91 Mbit/s
95th percentile per-packet one-way delay: 38.089 ms
Loss rate: 1.57%
```

Run 10: Report of Copa — Data Link

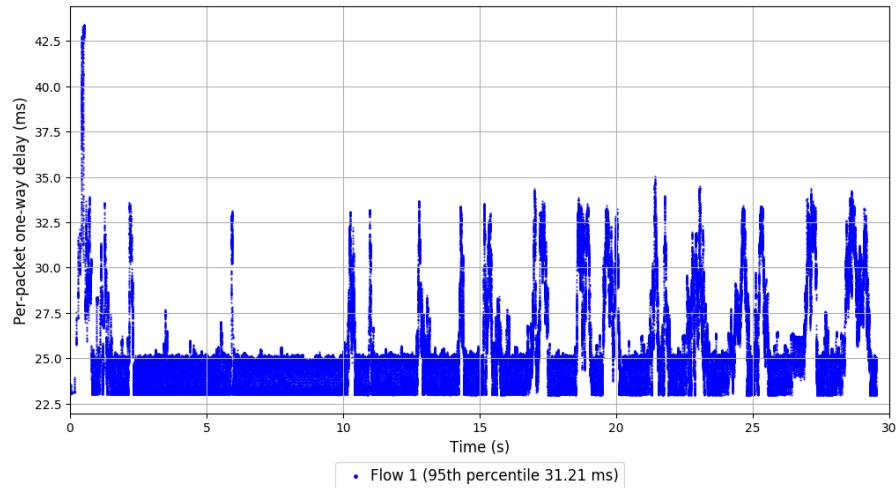
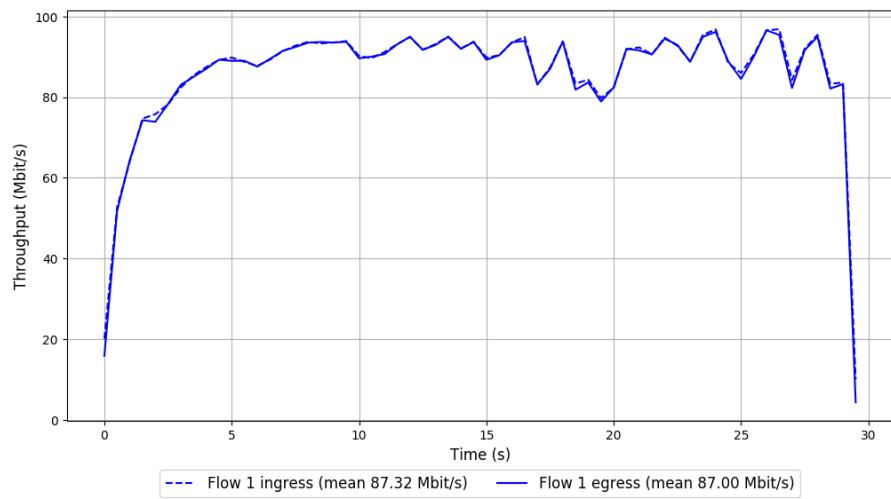


Run 1: Statistics of Indigo

```
Start at: 2017-11-20 23:29:35
End at: 2017-11-20 23:30:05
Local clock offset: 1.984 ms
Remote clock offset: 1.555 ms

# Below is generated by plot.py at 2017-11-21 06:19:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.00 Mbit/s
95th percentile per-packet one-way delay: 31.210 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 87.00 Mbit/s
95th percentile per-packet one-way delay: 31.210 ms
Loss rate: 0.56%
```

Run 1: Report of Indigo — Data Link

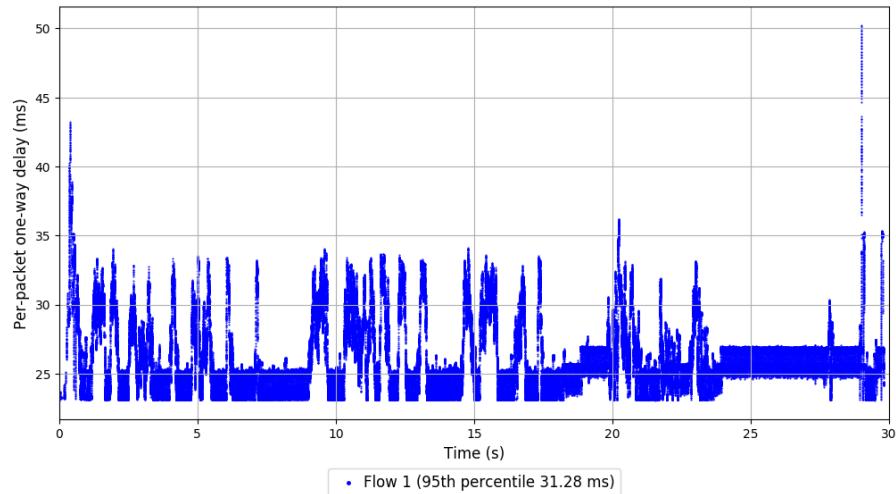
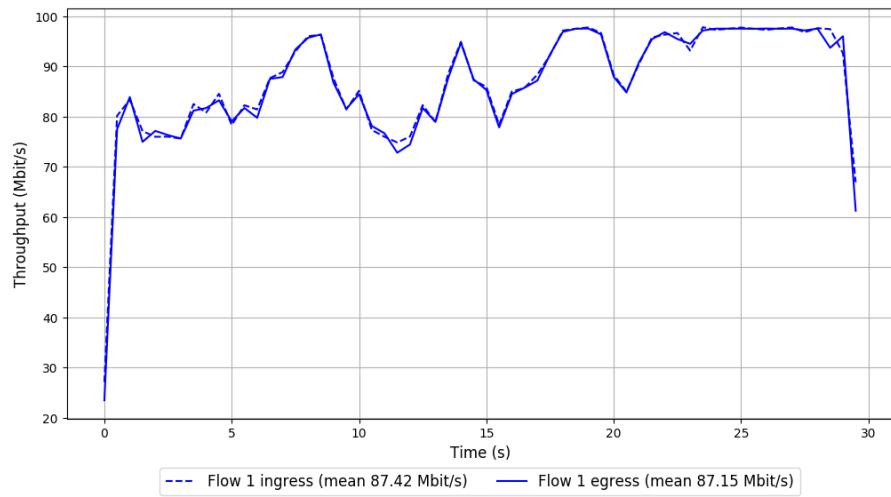


Run 2: Statistics of Indigo

```
Start at: 2017-11-20 23:48:03
End at: 2017-11-20 23:48:33
Local clock offset: 1.505 ms
Remote clock offset: 0.338 ms

# Below is generated by plot.py at 2017-11-21 06:19:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 31.283 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 31.283 ms
Loss rate: 0.49%
```

Run 2: Report of Indigo — Data Link

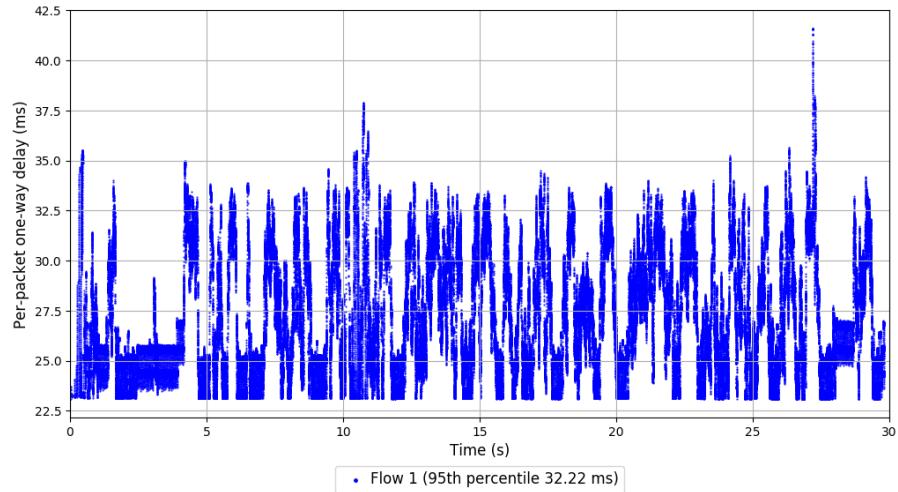
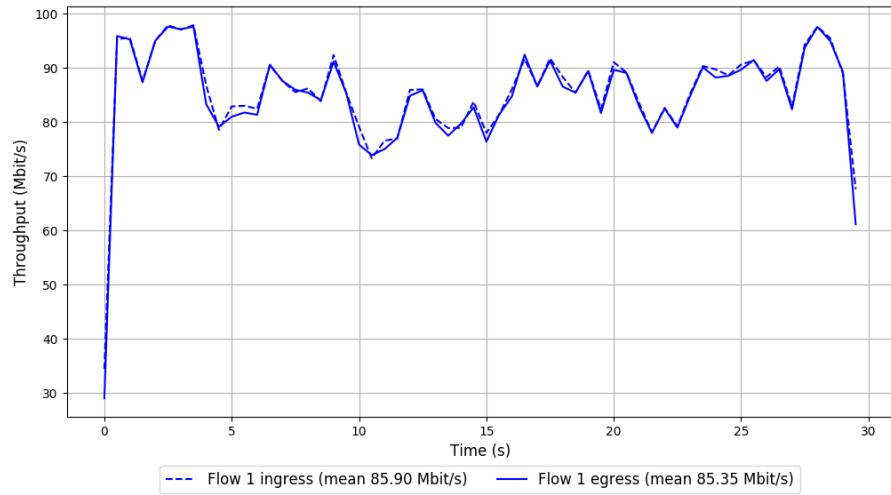


Run 3: Statistics of Indigo

```
Start at: 2017-11-21 00:06:38
End at: 2017-11-21 00:07:08
Local clock offset: 2.393 ms
Remote clock offset: 0.006 ms

# Below is generated by plot.py at 2017-11-21 06:19:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.35 Mbit/s
95th percentile per-packet one-way delay: 32.215 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 85.35 Mbit/s
95th percentile per-packet one-way delay: 32.215 ms
Loss rate: 0.82%
```

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

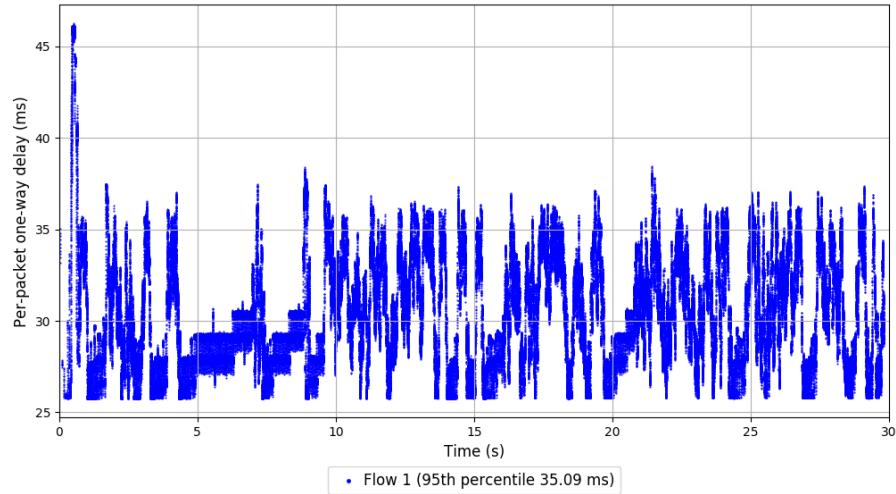
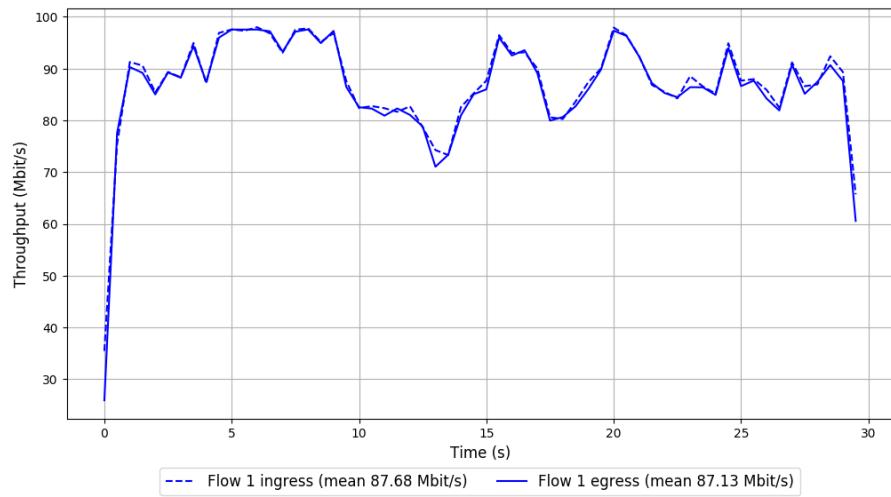


Run 4: Statistics of Indigo

```
Start at: 2017-11-21 00:25:54
End at: 2017-11-21 00:26:24
Local clock offset: 3.436 ms
Remote clock offset: -2.655 ms

# Below is generated by plot.py at 2017-11-21 06:20:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.13 Mbit/s
95th percentile per-packet one-way delay: 35.094 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 87.13 Mbit/s
95th percentile per-packet one-way delay: 35.094 ms
Loss rate: 0.83%
```

## Run 4: Report of Indigo — Data Link

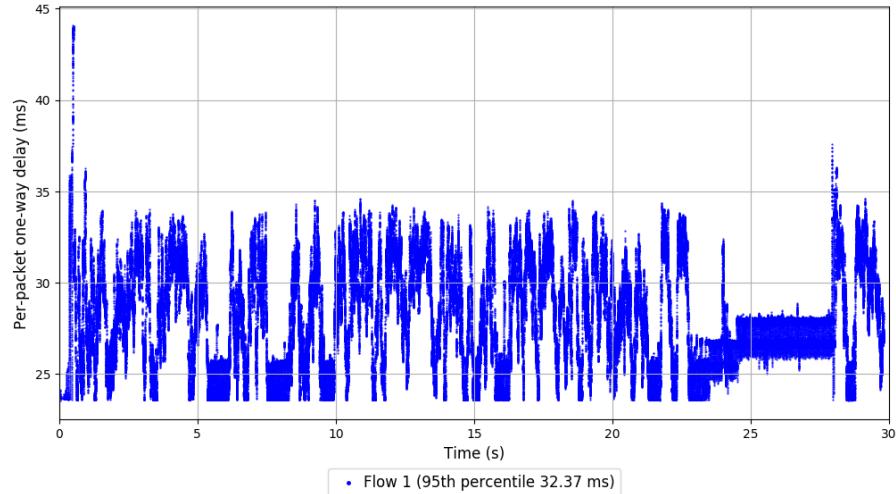
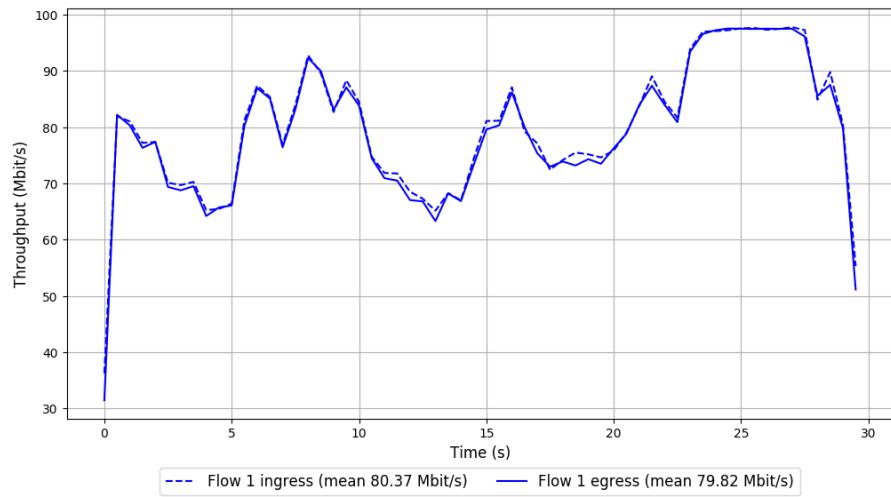


Run 5: Statistics of Indigo

```
Start at: 2017-11-21 00:44:57
End at: 2017-11-21 00:45:27
Local clock offset: 3.325 ms
Remote clock offset: -0.315 ms

# Below is generated by plot.py at 2017-11-21 06:20:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.82 Mbit/s
95th percentile per-packet one-way delay: 32.372 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 79.82 Mbit/s
95th percentile per-packet one-way delay: 32.372 ms
Loss rate: 0.85%
```

Run 5: Report of Indigo — Data Link

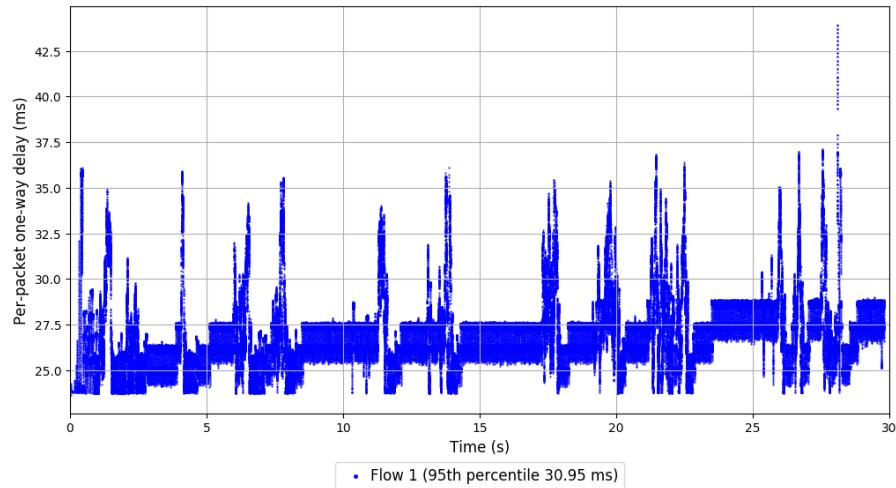
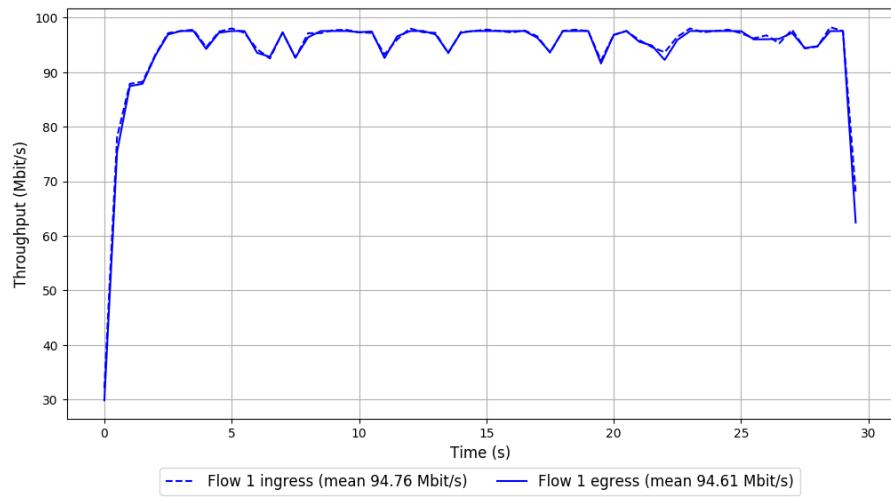


Run 6: Statistics of Indigo

```
Start at: 2017-11-21 01:03:39
End at: 2017-11-21 01:04:09
Local clock offset: 2.338 ms
Remote clock offset: -0.082 ms

# Below is generated by plot.py at 2017-11-21 06:20:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.61 Mbit/s
95th percentile per-packet one-way delay: 30.948 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 94.61 Mbit/s
95th percentile per-packet one-way delay: 30.948 ms
Loss rate: 0.33%
```

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-11-21 01:23:02

End at: 2017-11-21 01:23:32

Local clock offset: 2.37 ms

Remote clock offset: 0.295 ms

# Below is generated by plot.py at 2017-11-21 06:20:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.06 Mbit/s

95th percentile per-packet one-way delay: 32.095 ms

Loss rate: 1.10%

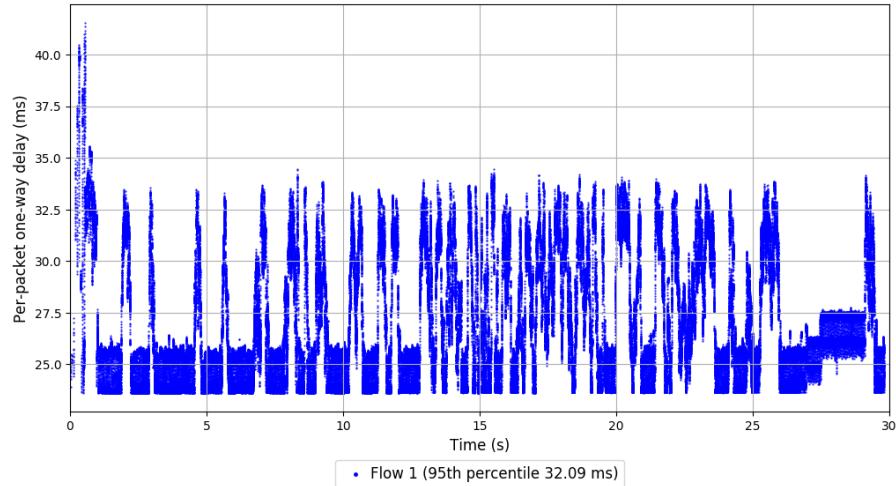
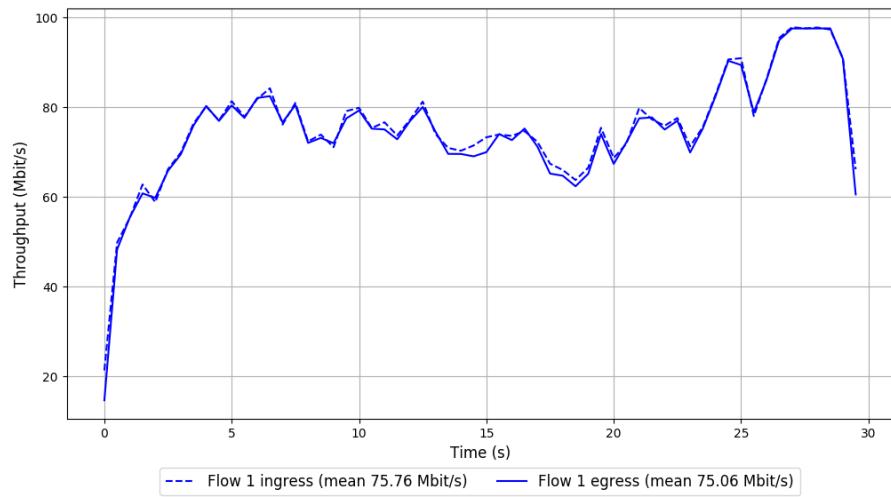
-- Flow 1:

Average throughput: 75.06 Mbit/s

95th percentile per-packet one-way delay: 32.095 ms

Loss rate: 1.10%

Run 7: Report of Indigo — Data Link

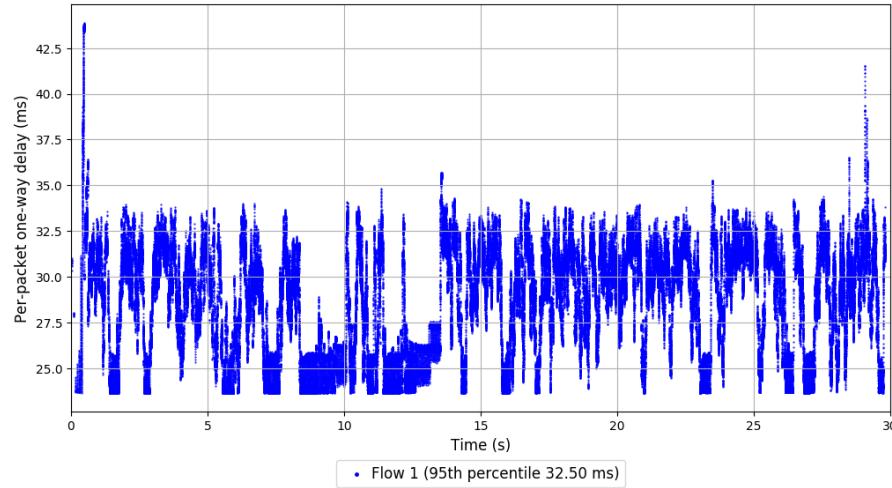
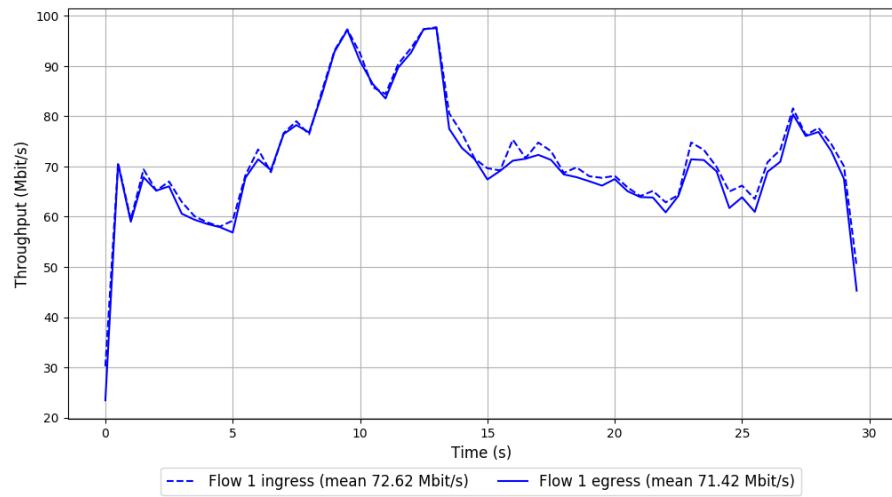


Run 8: Statistics of Indigo

```
Start at: 2017-11-21 01:42:58
End at: 2017-11-21 01:43:28
Local clock offset: 1.039 ms
Remote clock offset: -0.379 ms

# Below is generated by plot.py at 2017-11-21 06:20:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.42 Mbit/s
95th percentile per-packet one-way delay: 32.496 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 71.42 Mbit/s
95th percentile per-packet one-way delay: 32.496 ms
Loss rate: 1.84%
```

Run 8: Report of Indigo — Data Link

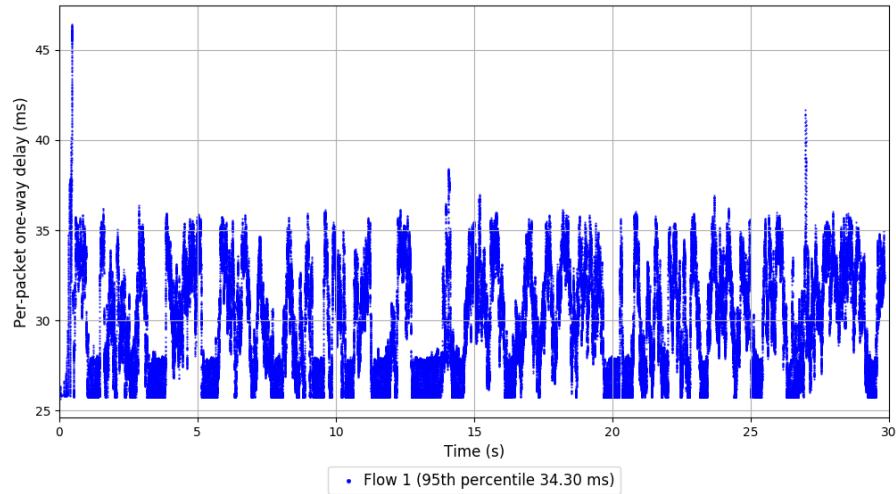
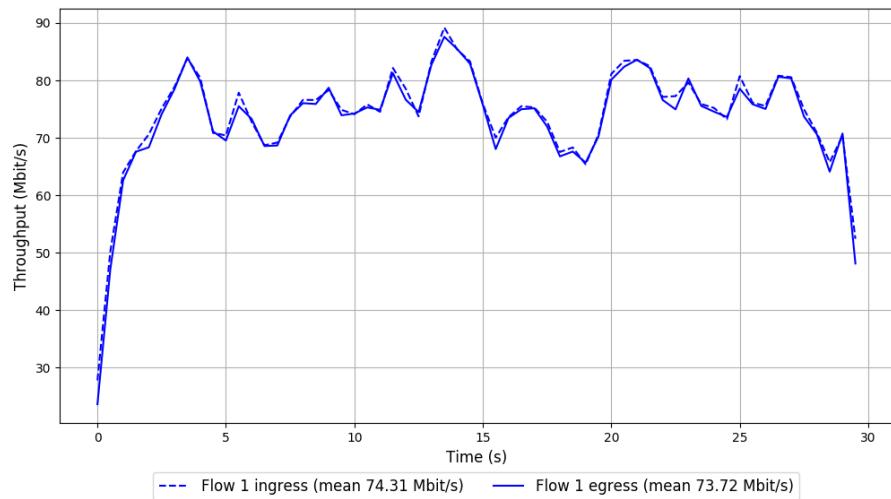


Run 9: Statistics of Indigo

```
Start at: 2017-11-21 02:03:35
End at: 2017-11-21 02:04:05
Local clock offset: 0.901 ms
Remote clock offset: -2.354 ms

# Below is generated by plot.py at 2017-11-21 06:20:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.72 Mbit/s
95th percentile per-packet one-way delay: 34.300 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 73.72 Mbit/s
95th percentile per-packet one-way delay: 34.300 ms
Loss rate: 0.97%
```

Run 9: Report of Indigo — Data Link

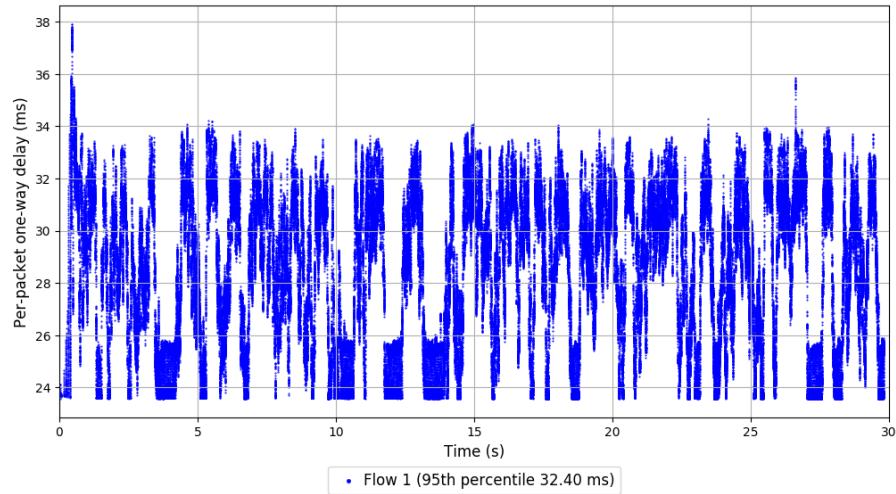
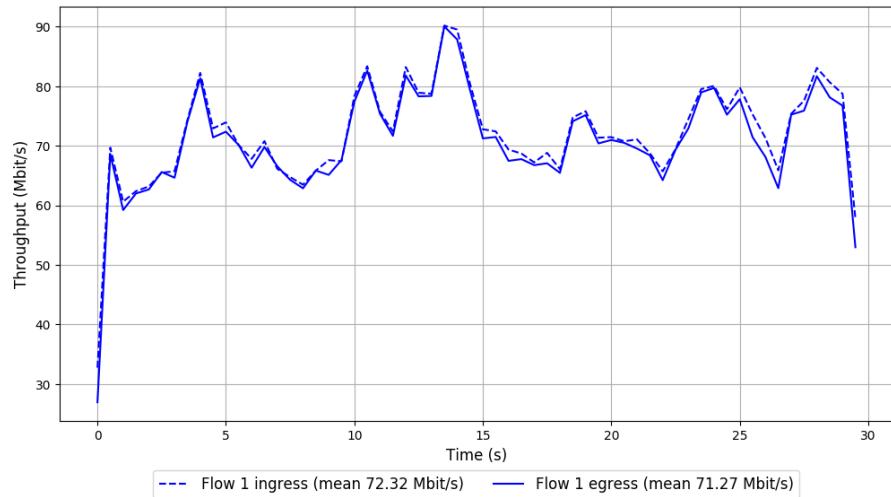


Run 10: Statistics of Indigo

```
Start at: 2017-11-21 02:23:24
End at: 2017-11-21 02:23:54
Local clock offset: 0.993 ms
Remote clock offset: -0.272 ms

# Below is generated by plot.py at 2017-11-21 06:20:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.27 Mbit/s
95th percentile per-packet one-way delay: 32.400 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 71.27 Mbit/s
95th percentile per-packet one-way delay: 32.400 ms
Loss rate: 1.63%
```

## Run 10: Report of Indigo — Data Link

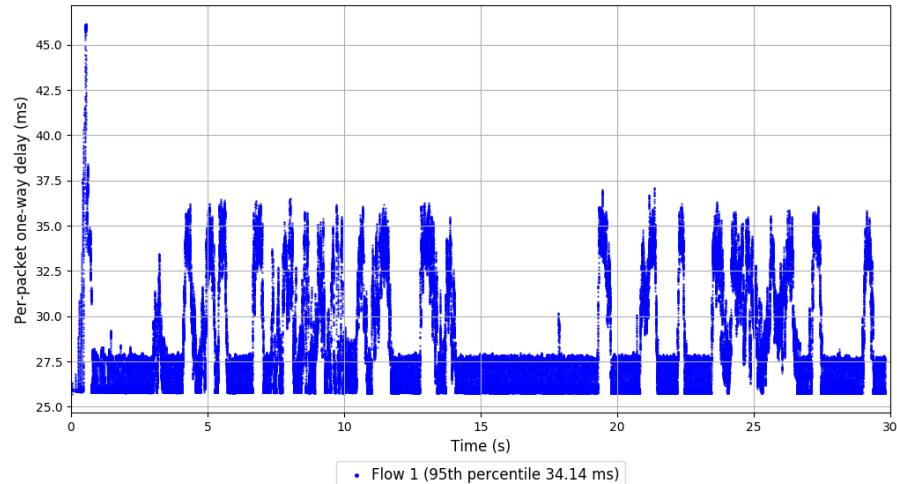
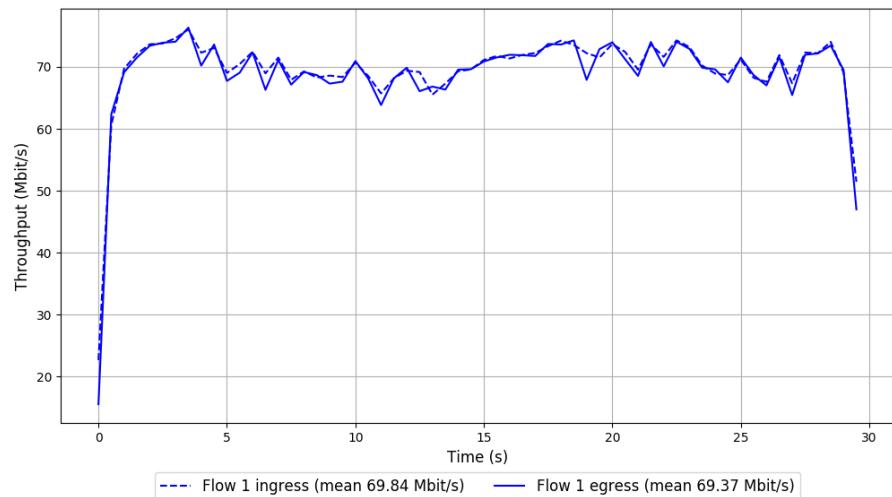


```
Run 1: Statistics of Indigo-calib

Start at: 2017-11-20 23:40:00
End at: 2017-11-20 23:40:30
Local clock offset: 1.25 ms
Remote clock offset: -1.786 ms

# Below is generated by plot.py at 2017-11-21 06:20:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.37 Mbit/s
95th percentile per-packet one-way delay: 34.137 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 69.37 Mbit/s
95th percentile per-packet one-way delay: 34.137 ms
Loss rate: 0.85%
```

Run 1: Report of Indigo-calib — Data Link

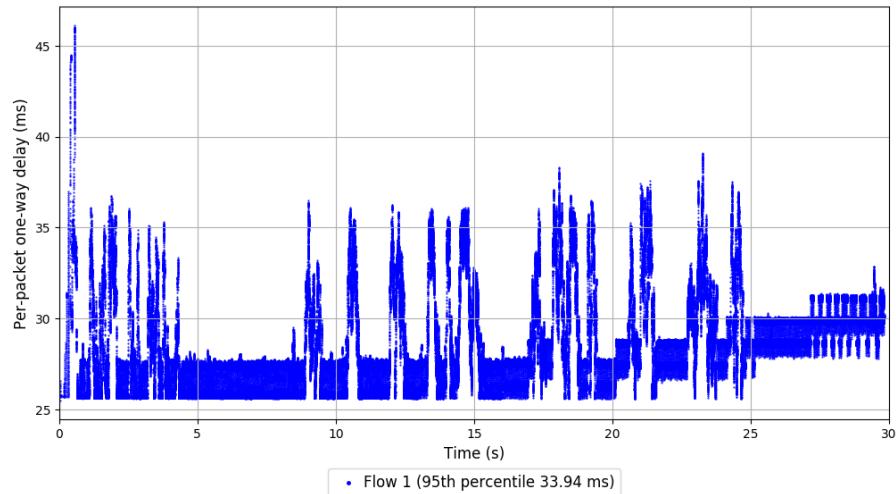
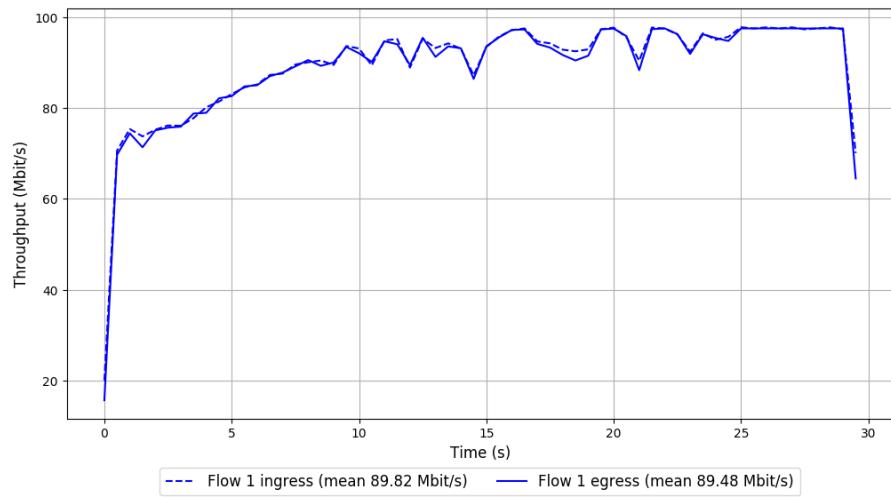


Run 2: Statistics of Indigo-calib

```
Start at: 2017-11-20 23:58:33
End at: 2017-11-20 23:59:03
Local clock offset: 1.795 ms
Remote clock offset: -2.472 ms

# Below is generated by plot.py at 2017-11-21 06:21:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.48 Mbit/s
95th percentile per-packet one-way delay: 33.939 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 89.48 Mbit/s
95th percentile per-packet one-way delay: 33.939 ms
Loss rate: 0.57%
```

Run 2: Report of Indigo-calib — Data Link

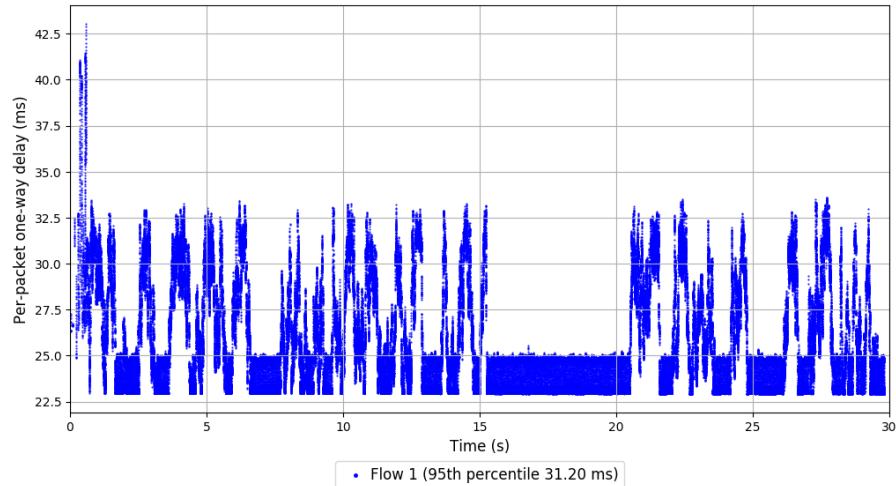
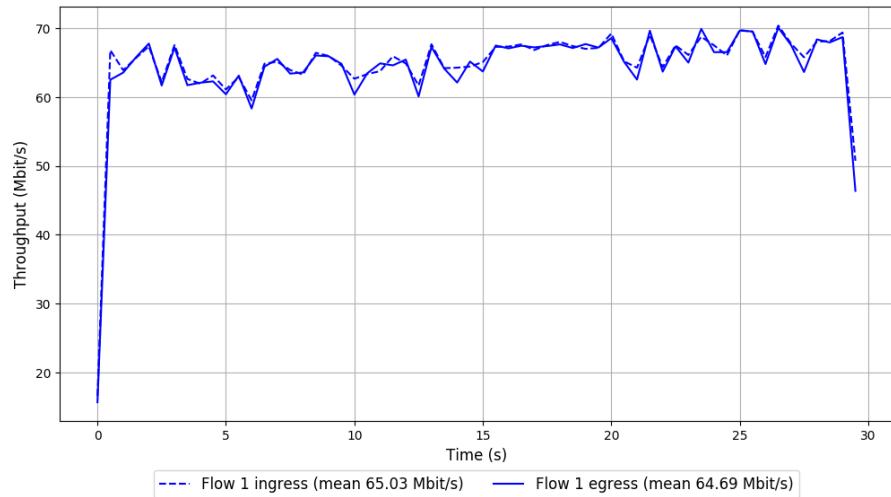


Run 3: Statistics of Indigo-calib

```
Start at: 2017-11-21 00:17:30
End at: 2017-11-21 00:18:00
Local clock offset: 3.206 ms
Remote clock offset: -0.021 ms

# Below is generated by plot.py at 2017-11-21 06:21:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.69 Mbit/s
95th percentile per-packet one-way delay: 31.203 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 64.69 Mbit/s
95th percentile per-packet one-way delay: 31.203 ms
Loss rate: 0.72%
```

Run 3: Report of Indigo-calib — Data Link

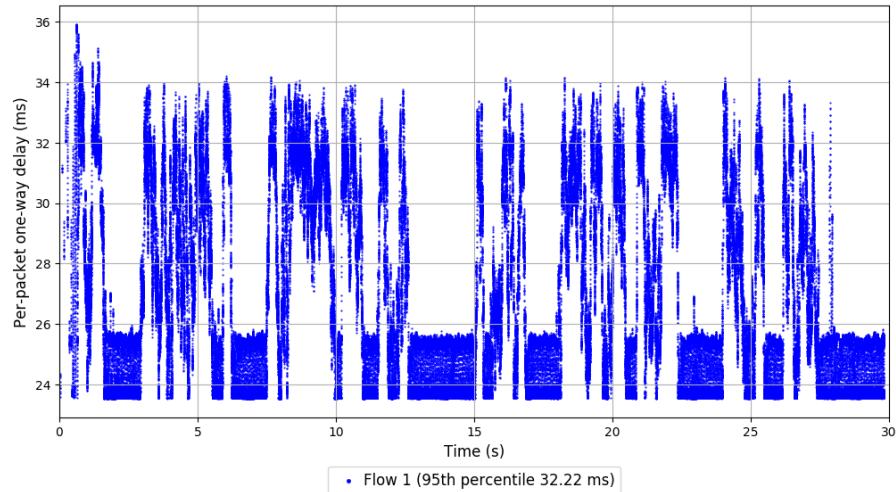
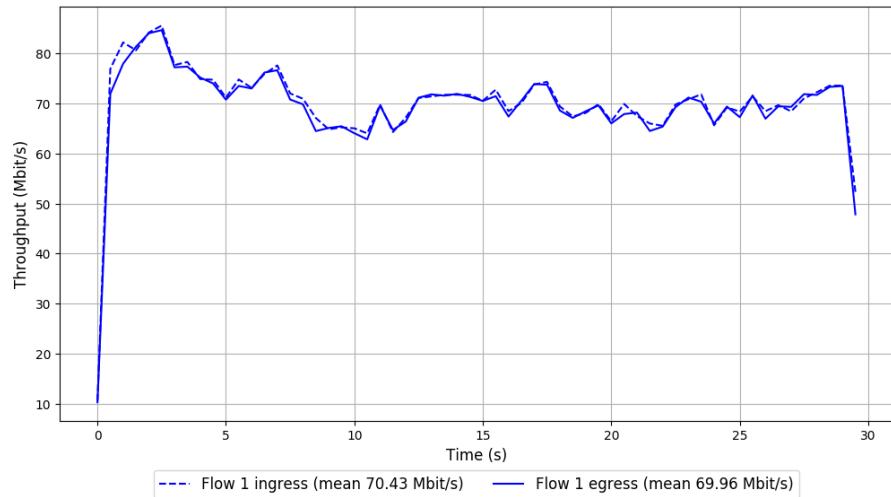


Run 4: Statistics of Indigo-calib

```
Start at: 2017-11-21 00:36:39
End at: 2017-11-21 00:37:09
Local clock offset: 3.132 ms
Remote clock offset: -0.389 ms

# Below is generated by plot.py at 2017-11-21 06:21:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.96 Mbit/s
95th percentile per-packet one-way delay: 32.219 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 69.96 Mbit/s
95th percentile per-packet one-way delay: 32.219 ms
Loss rate: 0.85%
```

Run 4: Report of Indigo-calib — Data Link

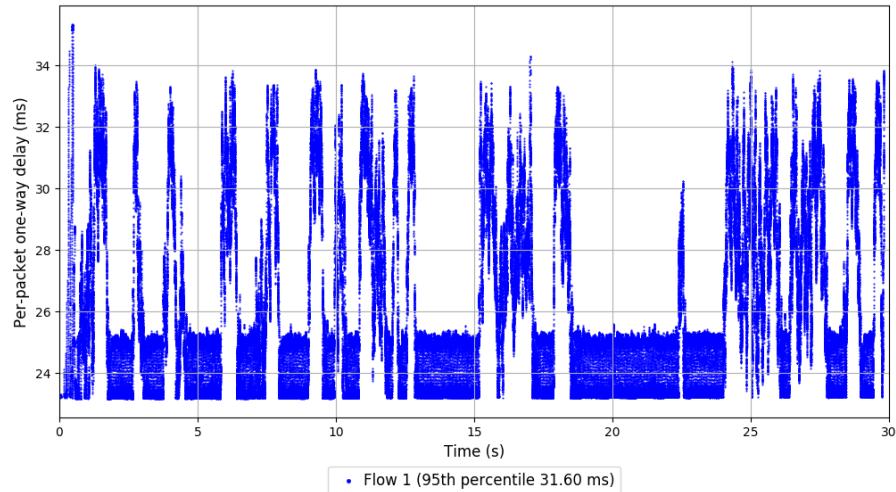
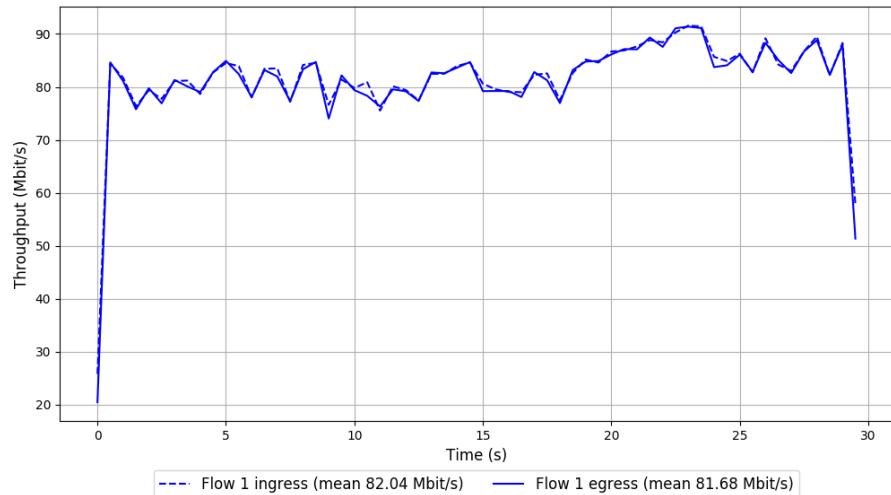


Run 5: Statistics of Indigo-calib

```
Start at: 2017-11-21 00:55:35
End at: 2017-11-21 00:56:05
Local clock offset: 2.748 ms
Remote clock offset: 0.344 ms

# Below is generated by plot.py at 2017-11-21 06:21:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.68 Mbit/s
95th percentile per-packet one-way delay: 31.601 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 81.68 Mbit/s
95th percentile per-packet one-way delay: 31.601 ms
Loss rate: 0.62%
```

Run 5: Report of Indigo-calib — Data Link

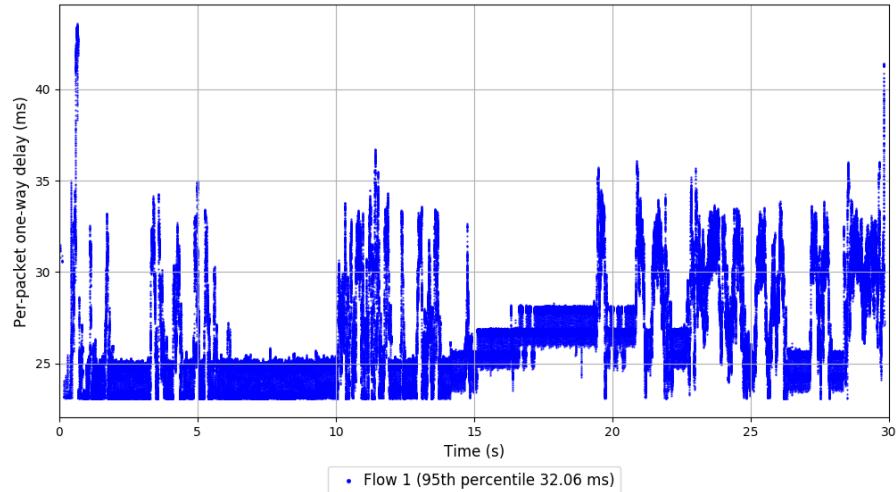
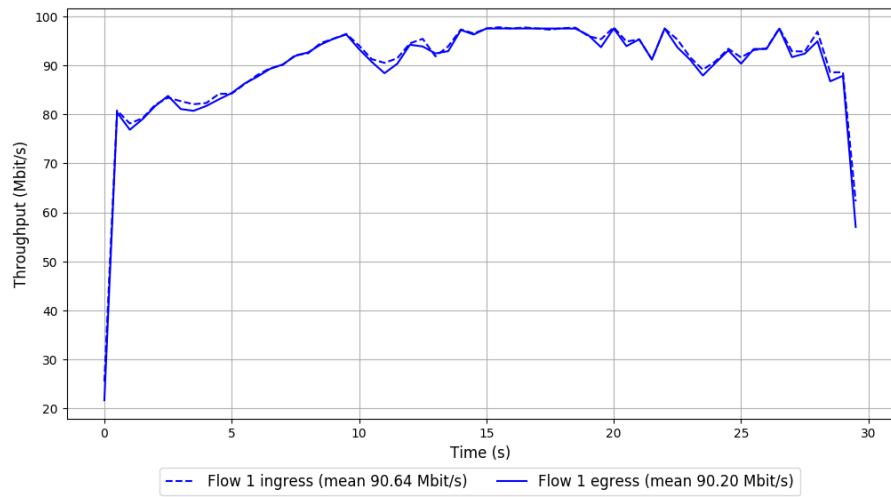


Run 6: Statistics of Indigo-calib

```
Start at: 2017-11-21 01:14:24
End at: 2017-11-21 01:14:54
Local clock offset: 2.146 ms
Remote clock offset: 0.753 ms

# Below is generated by plot.py at 2017-11-21 06:21:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.20 Mbit/s
95th percentile per-packet one-way delay: 32.059 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 90.20 Mbit/s
95th percentile per-packet one-way delay: 32.059 ms
Loss rate: 0.70%
```

Run 6: Report of Indigo-calib — Data Link

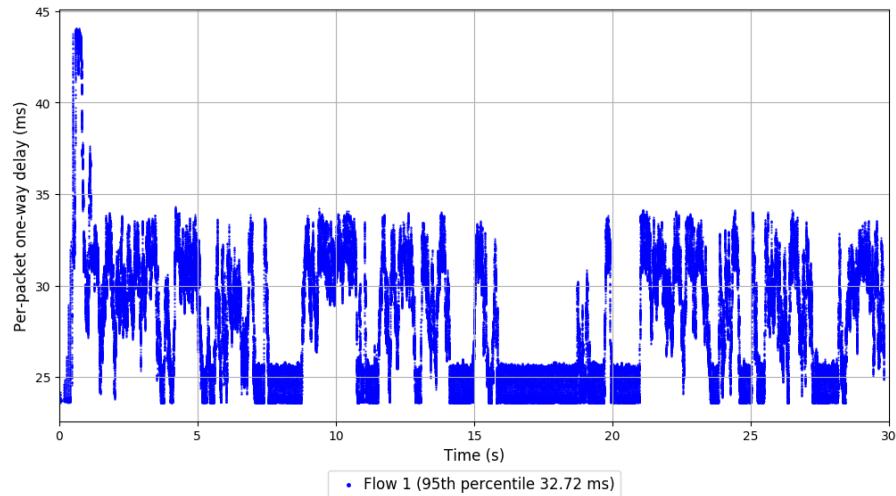
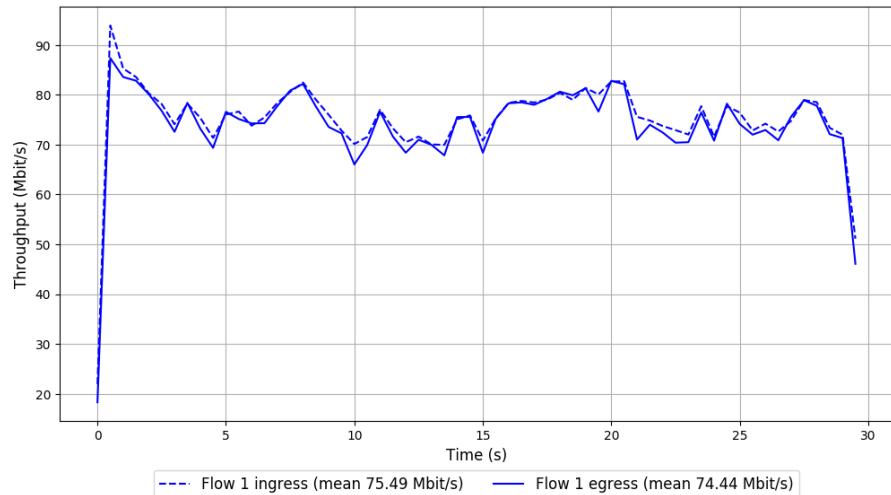


Run 7: Statistics of Indigo-calib

```
Start at: 2017-11-21 01:34:02
End at: 2017-11-21 01:34:32
Local clock offset: 1.606 ms
Remote clock offset: -0.298 ms

# Below is generated by plot.py at 2017-11-21 06:21:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.44 Mbit/s
95th percentile per-packet one-way delay: 32.720 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 74.44 Mbit/s
95th percentile per-packet one-way delay: 32.720 ms
Loss rate: 1.56%
```

Run 7: Report of Indigo-calib — Data Link

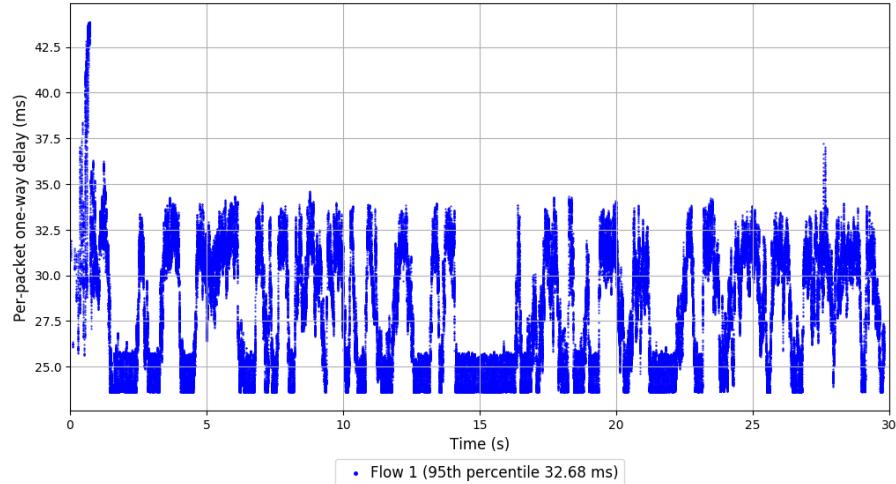
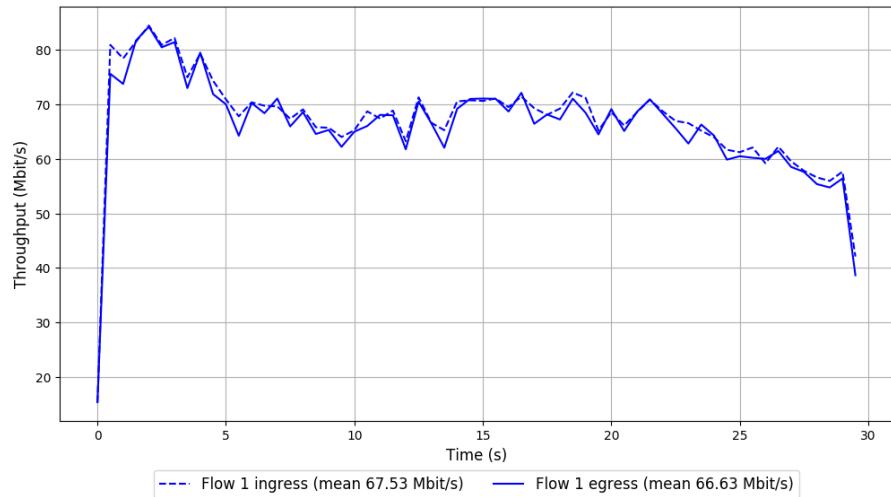


Run 8: Statistics of Indigo-calib

```
Start at: 2017-11-21 01:54:15
End at: 2017-11-21 01:54:45
Local clock offset: 0.911 ms
Remote clock offset: -0.373 ms

# Below is generated by plot.py at 2017-11-21 06:21:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.63 Mbit/s
95th percentile per-packet one-way delay: 32.678 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 66.63 Mbit/s
95th percentile per-packet one-way delay: 32.678 ms
Loss rate: 1.52%
```

Run 8: Report of Indigo-calib — Data Link

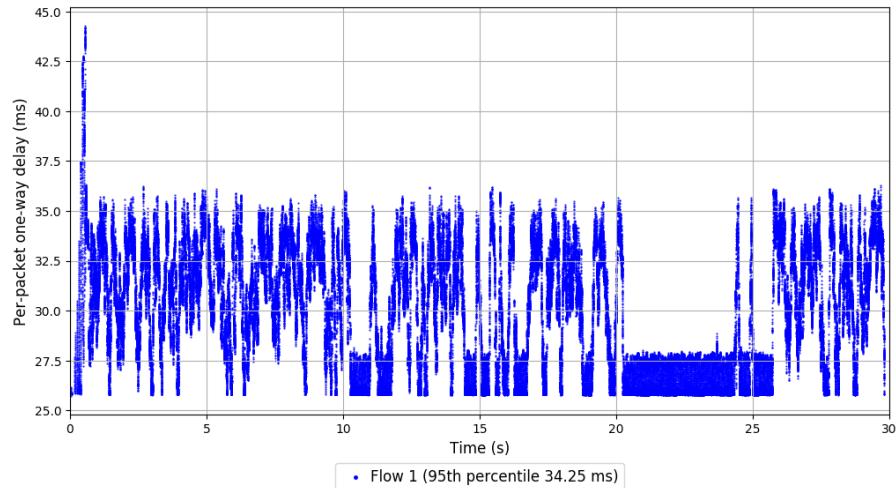
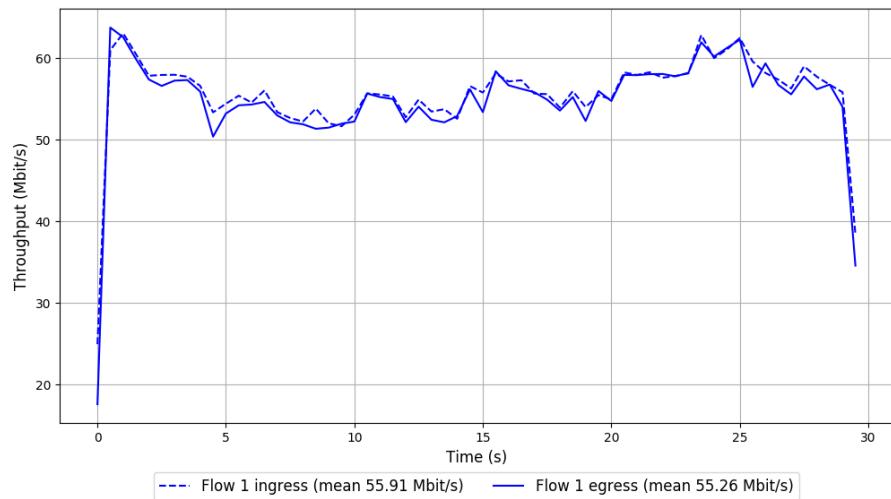


Run 9: Statistics of Indigo-calib

```
Start at: 2017-11-21 02:14:37
End at: 2017-11-21 02:15:07
Local clock offset: 0.963 ms
Remote clock offset: -2.157 ms

# Below is generated by plot.py at 2017-11-21 06:21:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 34.247 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 34.247 ms
Loss rate: 1.35%
```

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

```
Start at: 2017-11-21 02:34:25
End at: 2017-11-21 02:34:56
Local clock offset: 1.269 ms
Remote clock offset: -2.931 ms

# Below is generated by plot.py at 2017-11-21 06:21:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.48 Mbit/s
95th percentile per-packet one-way delay: 34.458 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 63.48 Mbit/s
95th percentile per-packet one-way delay: 34.458 ms
Loss rate: 1.28%
```

Run 10: Report of Indigo-calib — Data Link

