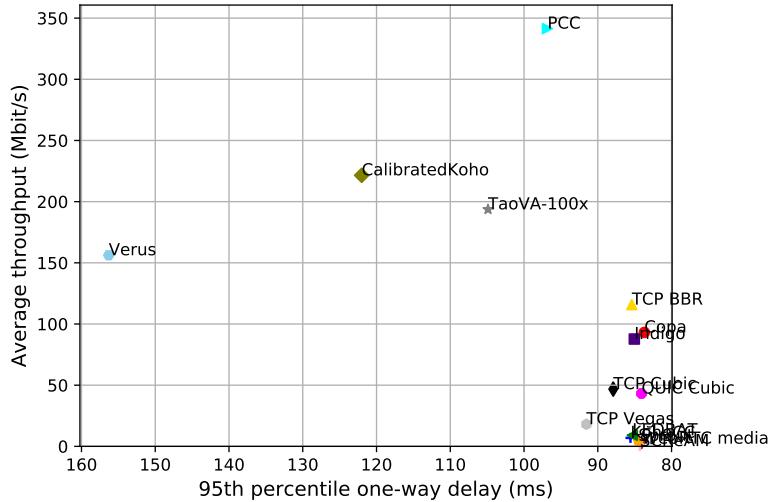


## Pantheon Report

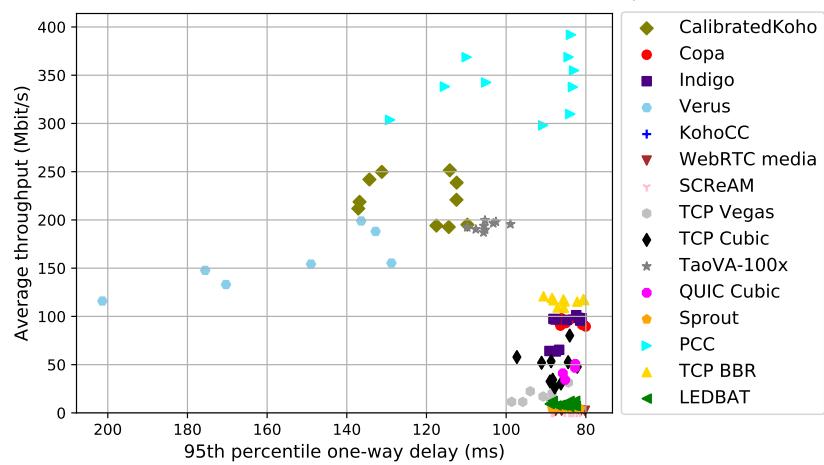
Generated at 2017-09-03 08:23:04 (UTC).  
Data path: Colombia Ethernet (*remote*) → AWS Brazil 2 Ethernet (*local*).  
Repeated the test of 15 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).  
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).  
NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

```
Git summary:  
branch: master @ 2a98508c2457474d84cd2966a42b80b0bc62ecaf  
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50  
  M datagrump/sender.cc  
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366  
third_party/indigo @ 10192113fb6902d25c86e0e3e4c85d7a05e43d7e  
third_party/koho_cc @ f0f2e693303aeee82ea808e6928eac4f1083a6681  
  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 @ f1a14bffe749737437f61b1eaeeb30b267cde681  
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce  
  M src/examples/cellsim.cc  
  M src/examples/sproutbt2.cc  
  M src/network/sproutconn.cc  
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
  M src/verus.hpp  
  M tools/plot.py  
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



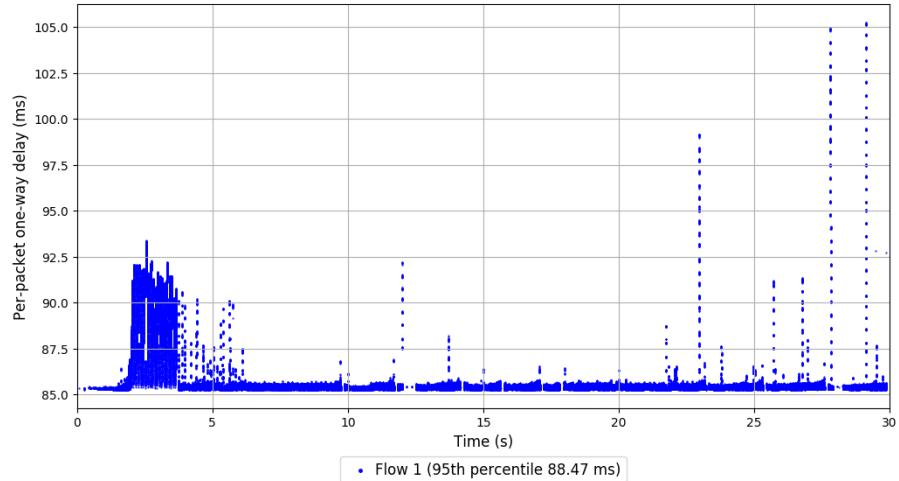
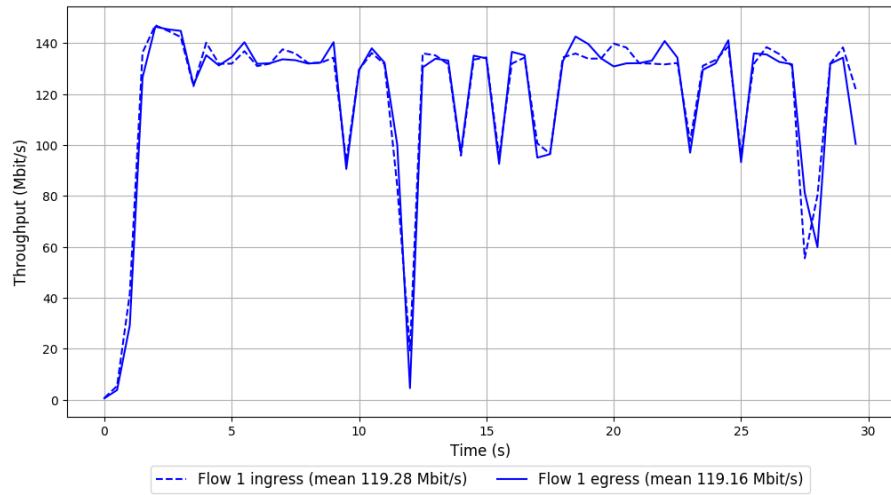
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	115.84	85.39	0.62
CalibratedKoho	10	221.51	122.01	1.36
Copa	10	93.12	83.69	0.63
TCP Cubic	10	46.77	87.91	0.46
Indigo	10	87.71	85.05	0.59
KohoCC	10	6.92	85.57	0.58
LEDBAT	10	9.07	85.32	0.96
PCC	10	341.42	96.83	5.83
QUIC Cubic	4	43.19	84.08	0.55
SCReAM	9	0.22	84.30	0.51
Sprout	9	4.53	84.50	0.75
TaoVA-100x	9	193.68	104.89	0.64
TCP Vegas	7	18.06	91.55	0.31
Verus	7	156.19	156.31	6.11
WebRTC media	6	2.20	84.06	0.65

Run 1: Statistics of TCP BBR

```
Start at: 2017-09-03 01:00:26
End at: 2017-09-03 01:00:56
Local clock offset: 0.302 ms
Remote clock offset: -4.741 ms

# Below is generated by plot.py at 2017-09-03 08:06:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 119.16 Mbit/s
95th percentile per-packet one-way delay: 88.471 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 119.16 Mbit/s
95th percentile per-packet one-way delay: 88.471 ms
Loss rate: 0.65%
```

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

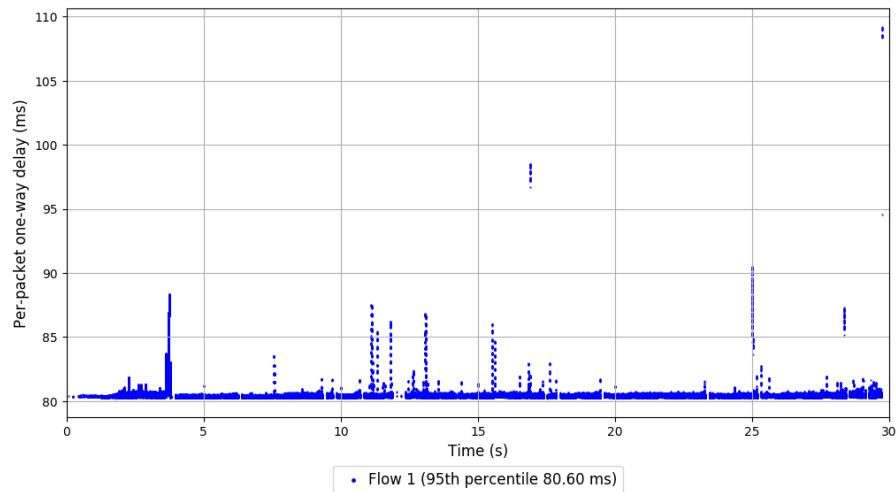
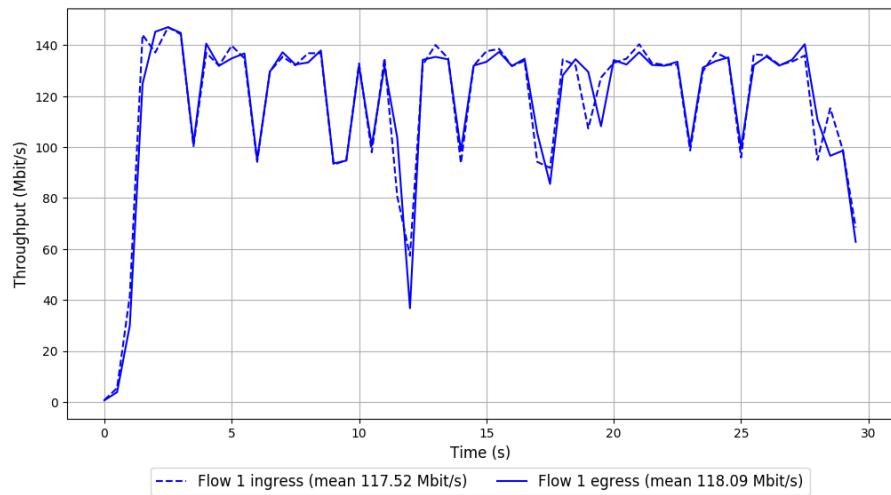


Run 2: Statistics of TCP BBR

```
Start at: 2017-09-03 01:19:32
End at: 2017-09-03 01:20:02
Local clock offset: 0.227 ms
Remote clock offset: 0.441 ms

# Below is generated by plot.py at 2017-09-03 08:06:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 118.09 Mbit/s
95th percentile per-packet one-way delay: 80.602 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 118.09 Mbit/s
95th percentile per-packet one-way delay: 80.602 ms
Loss rate: 0.40%
```

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

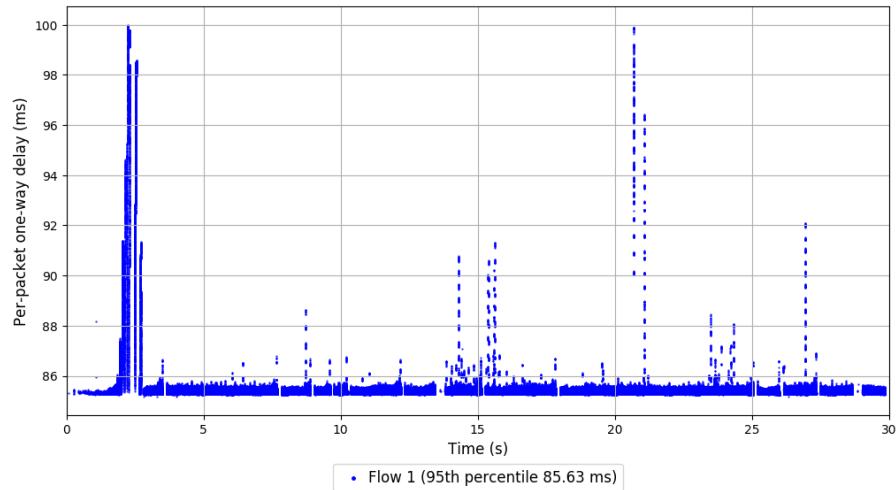
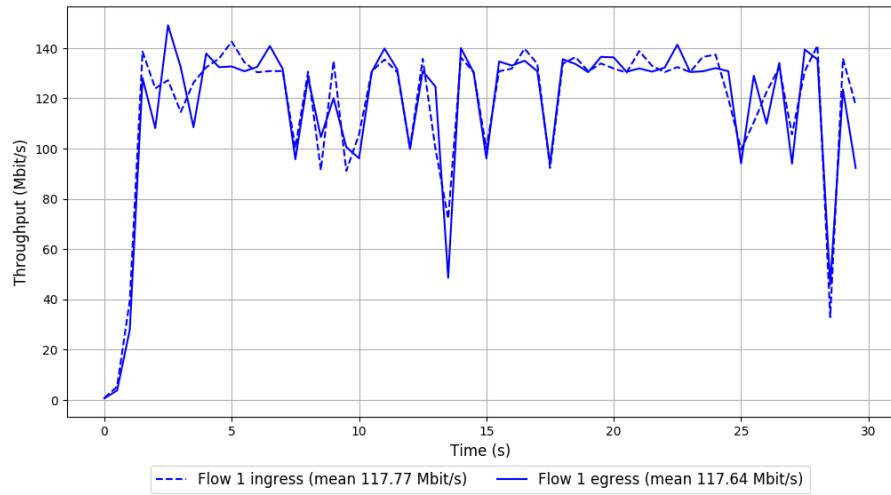


Run 3: Statistics of TCP BBR

```
Start at: 2017-09-03 01:39:11
End at: 2017-09-03 01:39:41
Local clock offset: 0.246 ms
Remote clock offset: -4.35 ms

# Below is generated by plot.py at 2017-09-03 08:06:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 117.64 Mbit/s
95th percentile per-packet one-way delay: 85.630 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 117.64 Mbit/s
95th percentile per-packet one-way delay: 85.630 ms
Loss rate: 0.69%
```

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

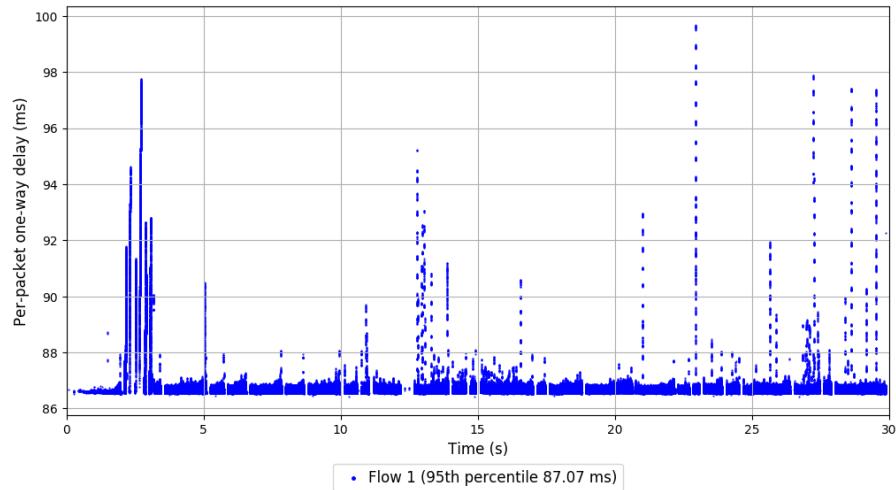
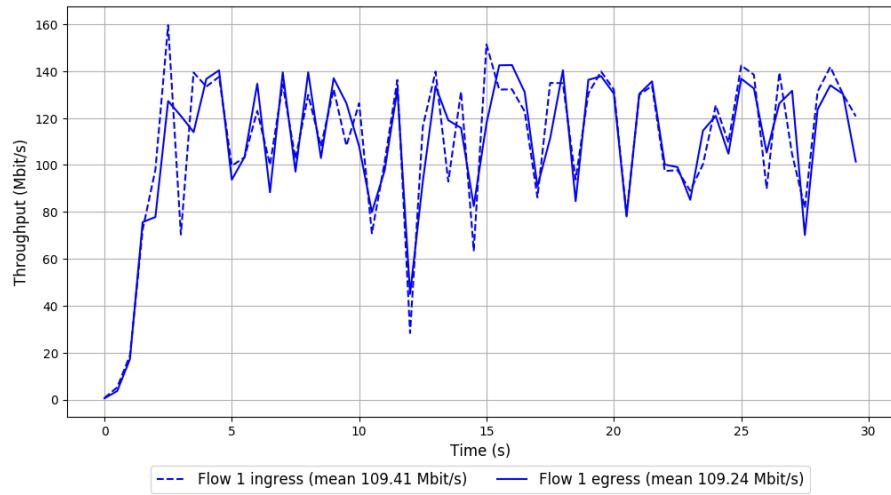


Run 4: Statistics of TCP BBR

```
Start at: 2017-09-03 01:58:47
End at: 2017-09-03 01:59:17
Local clock offset: 0.2 ms
Remote clock offset: -5.404 ms

# Below is generated by plot.py at 2017-09-03 08:06:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.24 Mbit/s
95th percentile per-packet one-way delay: 87.072 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 109.24 Mbit/s
95th percentile per-packet one-way delay: 87.072 ms
Loss rate: 0.72%
```

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

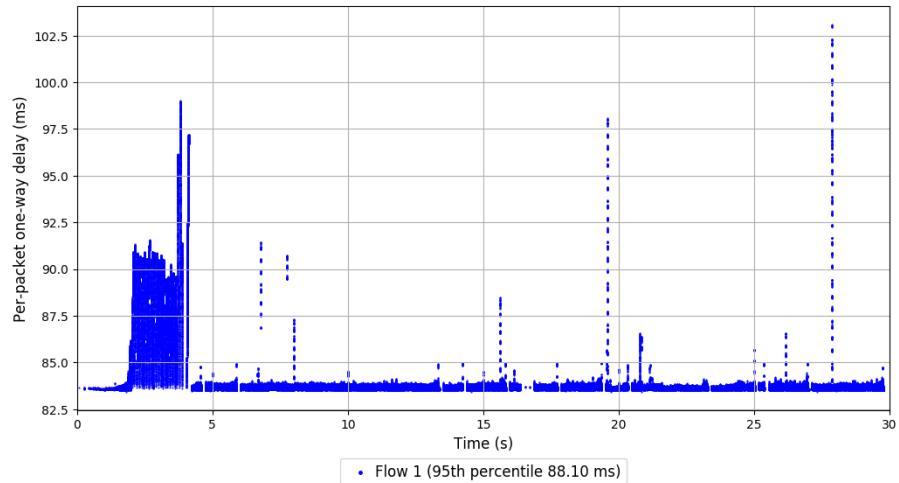
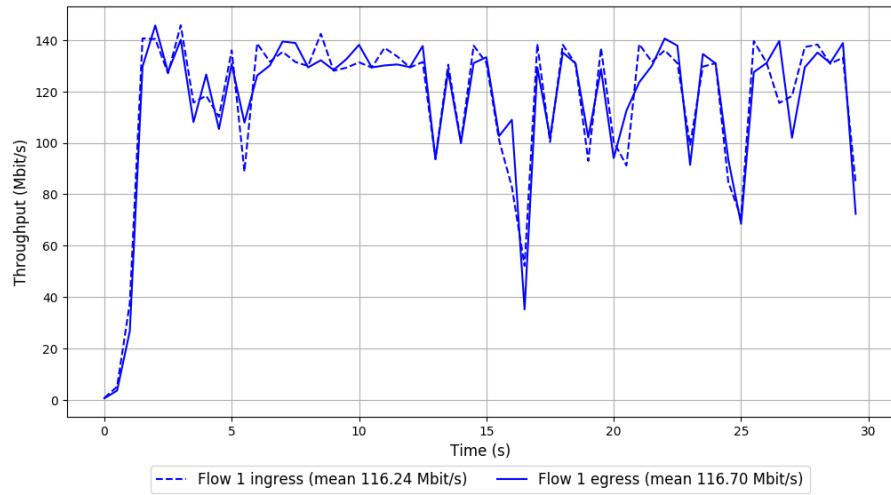


Run 5: Statistics of TCP BBR

```
Start at: 2017-09-03 02:18:04
End at: 2017-09-03 02:18:34
Local clock offset: 0.185 ms
Remote clock offset: -1.573 ms

# Below is generated by plot.py at 2017-09-03 08:07:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 116.70 Mbit/s
95th percentile per-packet one-way delay: 88.099 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 116.70 Mbit/s
95th percentile per-packet one-way delay: 88.099 ms
Loss rate: 0.50%
```

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

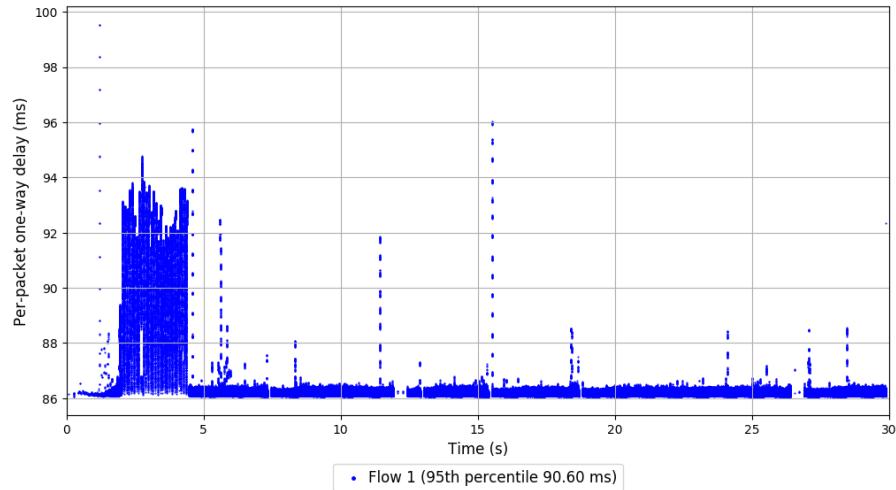
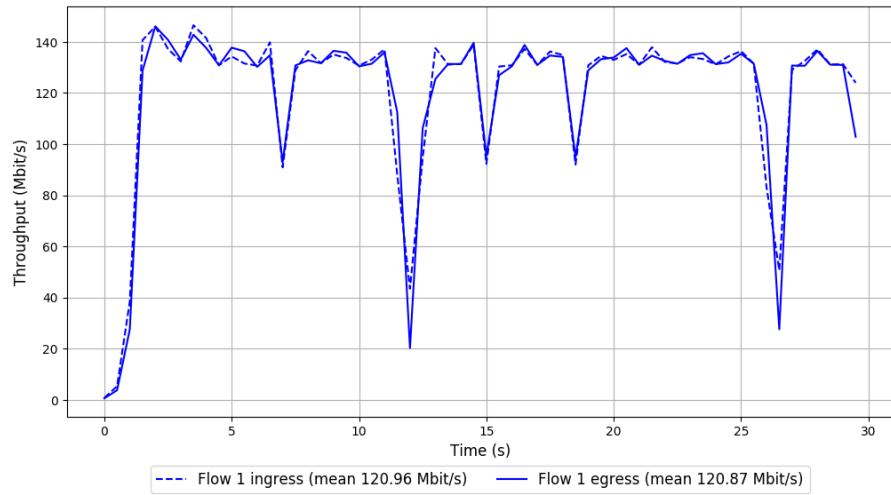


Run 6: Statistics of TCP BBR

```
Start at: 2017-09-03 02:37:21
End at: 2017-09-03 02:37:51
Local clock offset: 0.153 ms
Remote clock offset: -5.88 ms

# Below is generated by plot.py at 2017-09-03 08:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 120.87 Mbit/s
95th percentile per-packet one-way delay: 90.603 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 120.87 Mbit/s
95th percentile per-packet one-way delay: 90.603 ms
Loss rate: 0.63%
```

Run 6: Report of TCP BBR — Data Link

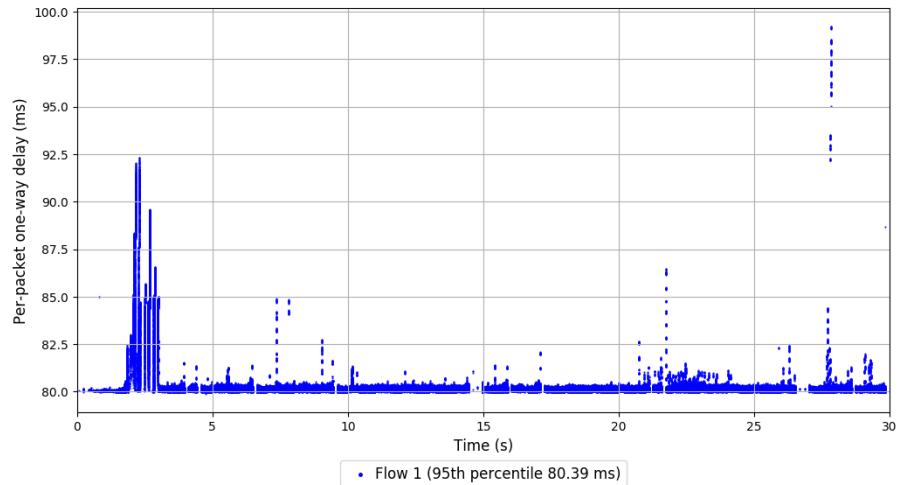
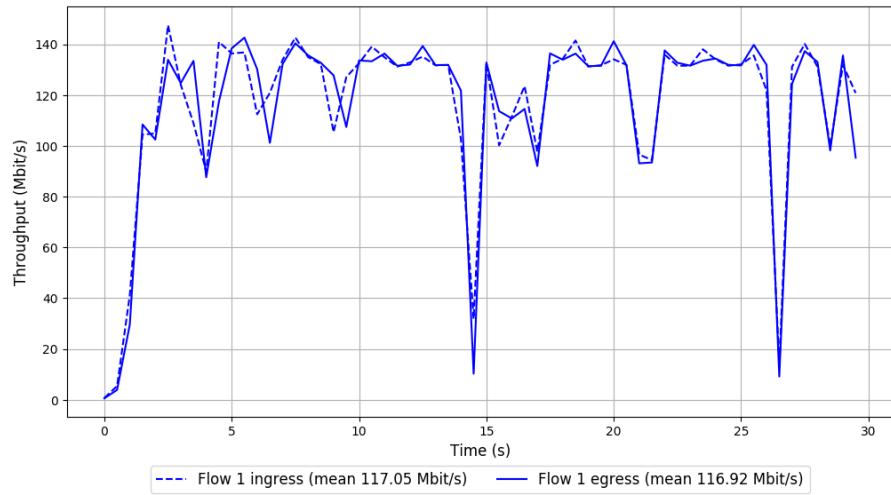


Run 7: Statistics of TCP BBR

```
Start at: 2017-09-03 02:56:39
End at: 2017-09-03 02:57:09
Local clock offset: 0.164 ms
Remote clock offset: -0.439 ms

# Below is generated by plot.py at 2017-09-03 08:07:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 116.92 Mbit/s
95th percentile per-packet one-way delay: 80.392 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 116.92 Mbit/s
95th percentile per-packet one-way delay: 80.392 ms
Loss rate: 0.64%
```

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

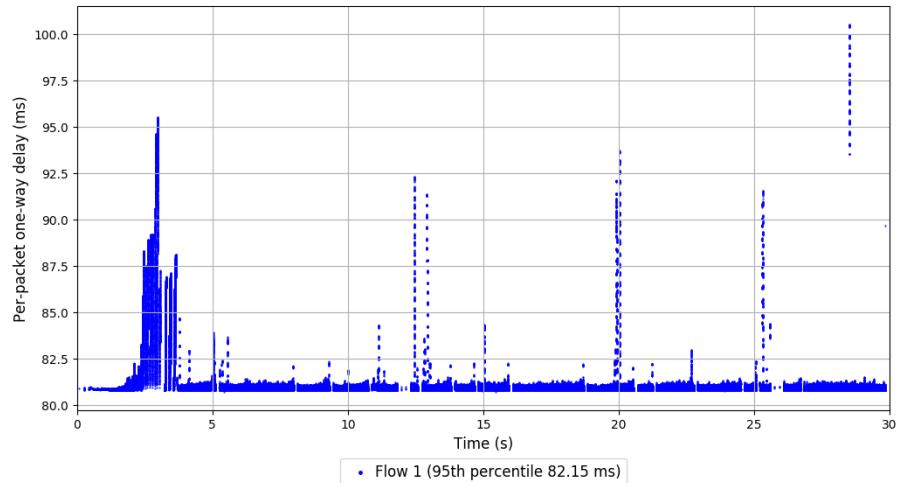
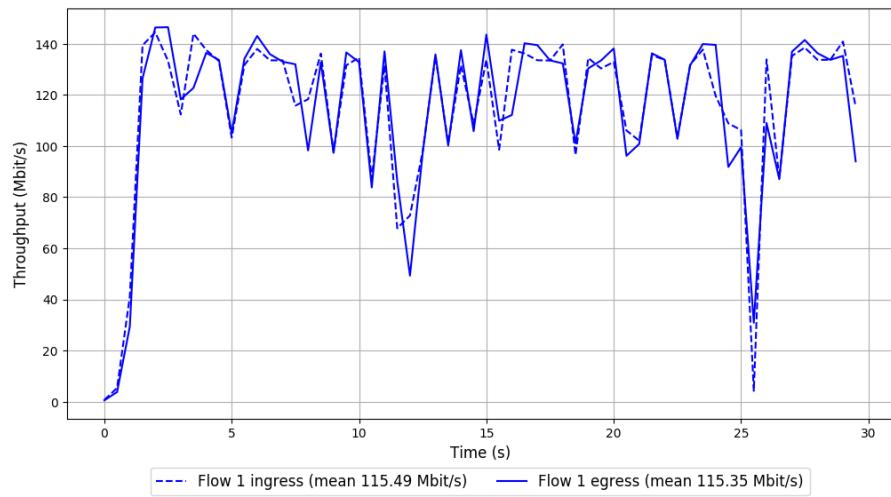


Run 8: Statistics of TCP BBR

```
Start at: 2017-09-03 03:16:07
End at: 2017-09-03 03:16:37
Local clock offset: 0.171 ms
Remote clock offset: -0.743 ms

# Below is generated by plot.py at 2017-09-03 08:07:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 115.35 Mbit/s
95th percentile per-packet one-way delay: 82.152 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 115.35 Mbit/s
95th percentile per-packet one-way delay: 82.152 ms
Loss rate: 0.65%
```

Run 8: Report of TCP BBR — Data Link

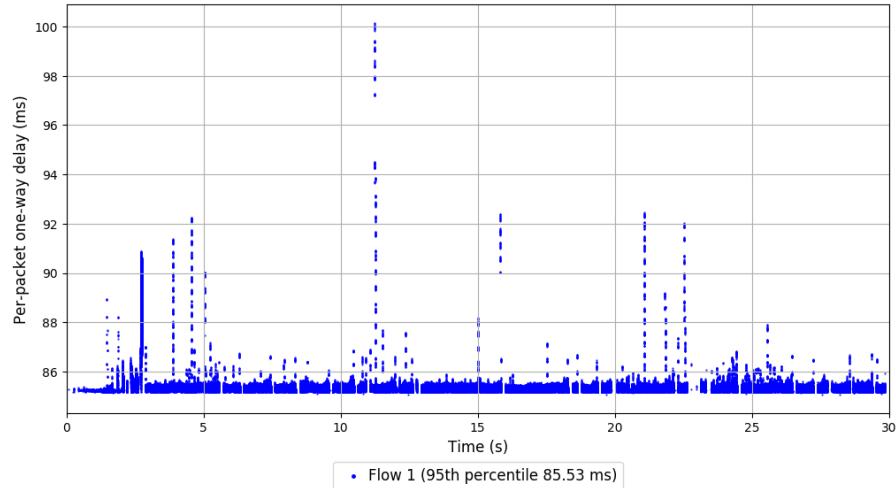
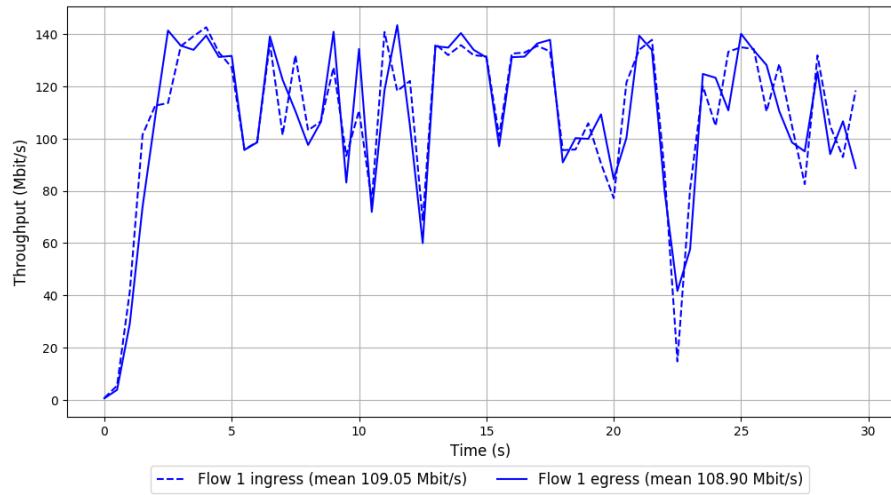


Run 9: Statistics of TCP BBR

```
Start at: 2017-09-03 03:35:38
End at: 2017-09-03 03:36:08
Local clock offset: 0.248 ms
Remote clock offset: -5.854 ms

# Below is generated by plot.py at 2017-09-03 08:07:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.90 Mbit/s
95th percentile per-packet one-way delay: 85.526 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 108.90 Mbit/s
95th percentile per-packet one-way delay: 85.526 ms
Loss rate: 0.70%
```

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

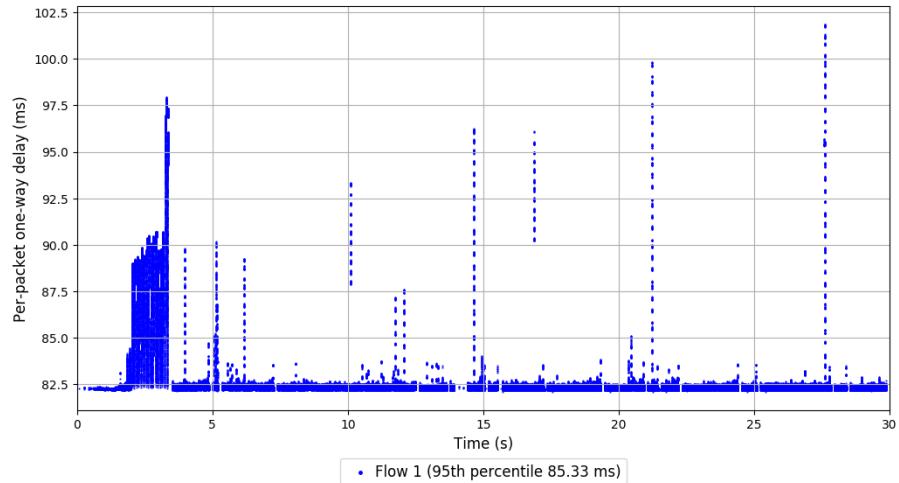
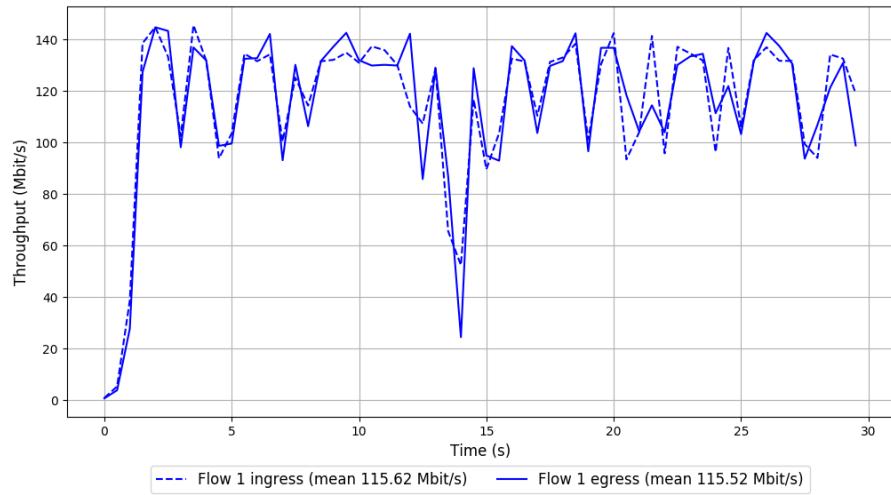


Run 10: Statistics of TCP BBR

```
Start at: 2017-09-03 03:55:08
End at: 2017-09-03 03:55:38
Local clock offset: 0.32 ms
Remote clock offset: -1.368 ms

# Below is generated by plot.py at 2017-09-03 08:07:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 115.52 Mbit/s
95th percentile per-packet one-way delay: 85.333 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 115.52 Mbit/s
95th percentile per-packet one-way delay: 85.333 ms
Loss rate: 0.65%
```

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

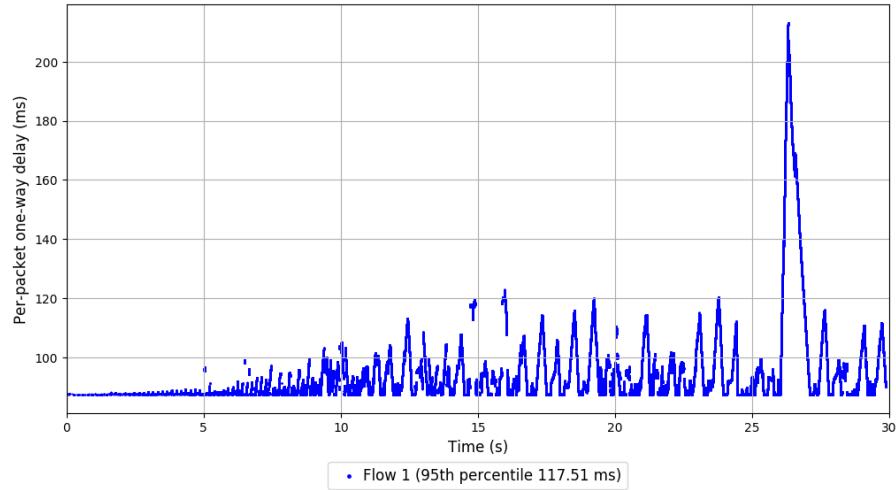
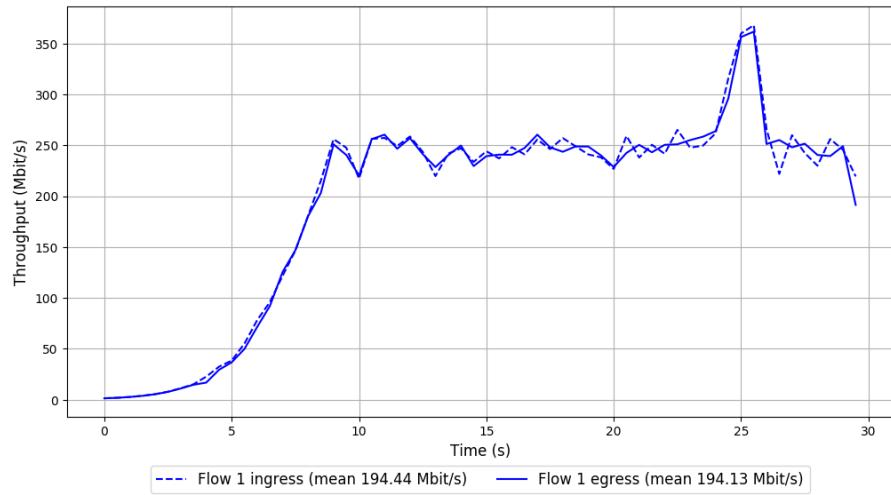


```
Run 1: Statistics of CalibratedKoho

Start at: 2017-09-03 00:56:41
End at: 2017-09-03 00:57:11
Local clock offset: 0.311 ms
Remote clock offset: -4.749 ms

# Below is generated by plot.py at 2017-09-03 08:08:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 194.13 Mbit/s
95th percentile per-packet one-way delay: 117.506 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 194.13 Mbit/s
95th percentile per-packet one-way delay: 117.506 ms
Loss rate: 0.72%
```

Run 1: Report of CalibratedKoho — Data Link

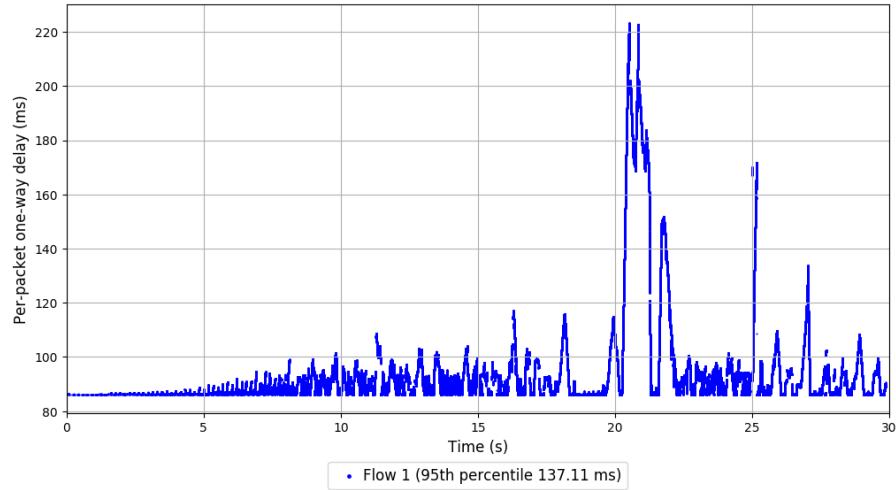
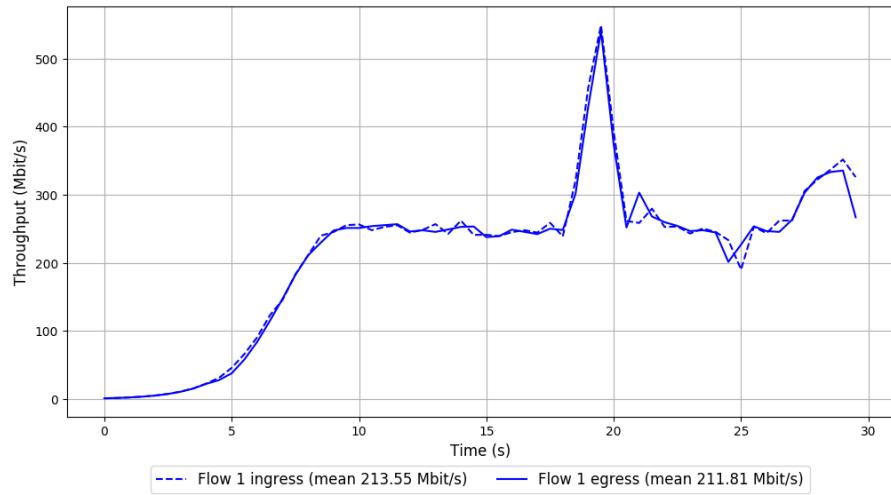


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 01:15:39
End at: 2017-09-03 01:16:09
Local clock offset: 0.229 ms
Remote clock offset: -5.425 ms

# Below is generated by plot.py at 2017-09-03 08:08:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 211.81 Mbit/s
95th percentile per-packet one-way delay: 137.110 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 211.81 Mbit/s
95th percentile per-packet one-way delay: 137.110 ms
Loss rate: 1.37%
```

Run 2: Report of CalibratedKoho — Data Link

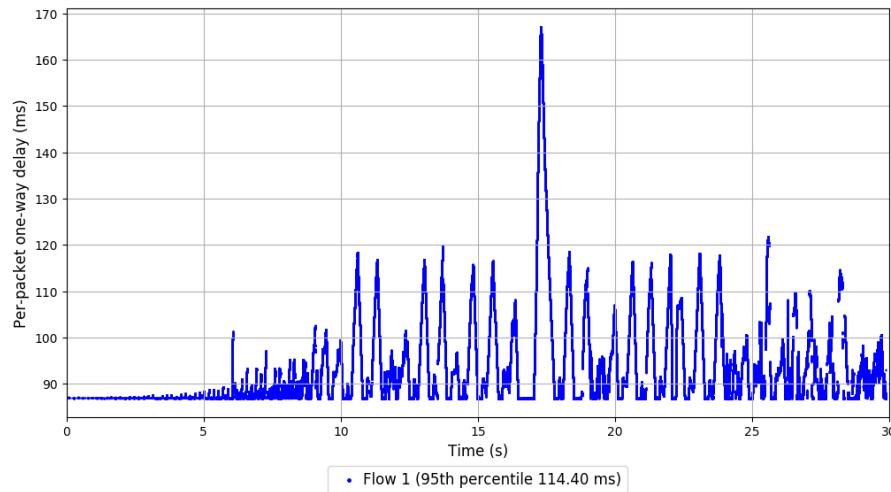
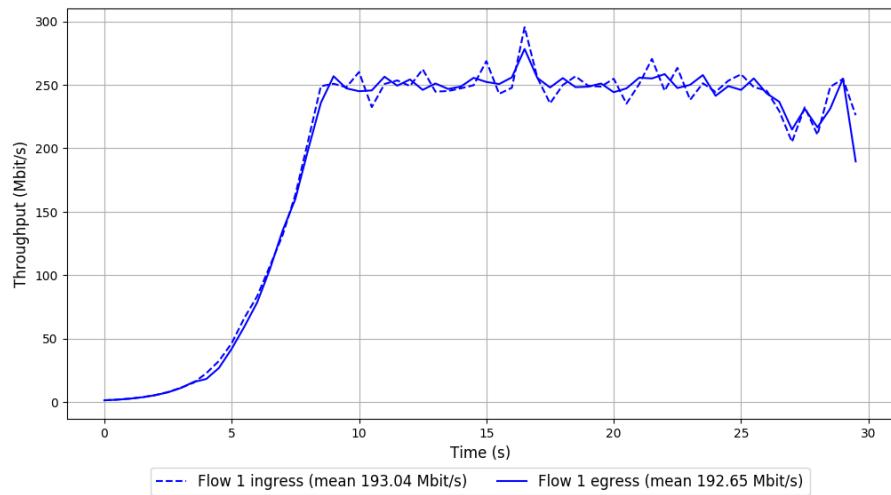


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 01:35:25
End at: 2017-09-03 01:35:55
Local clock offset: 0.277 ms
Remote clock offset: -4.312 ms

# Below is generated by plot.py at 2017-09-03 08:08:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 192.65 Mbit/s
95th percentile per-packet one-way delay: 114.399 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 192.65 Mbit/s
95th percentile per-packet one-way delay: 114.399 ms
Loss rate: 0.75%
```

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

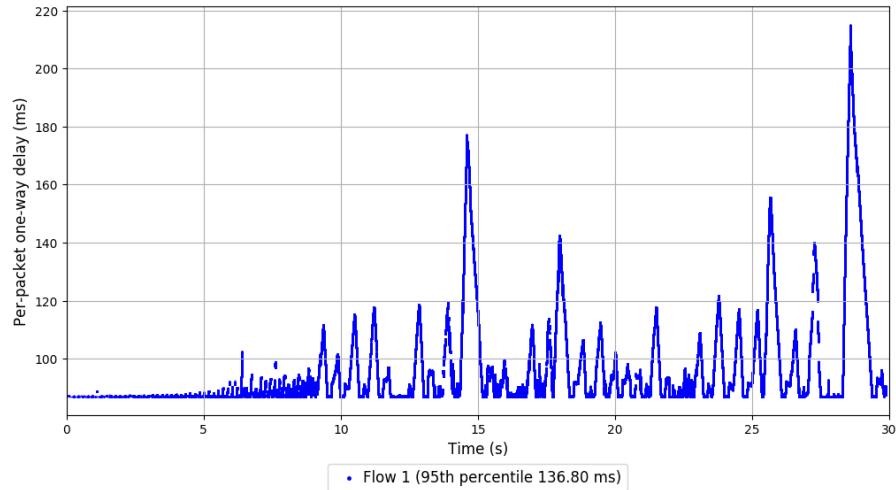
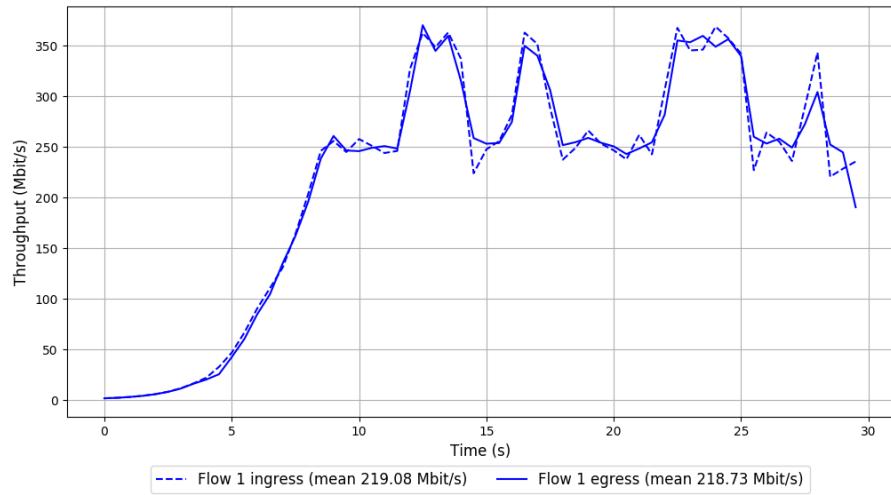


Run 4: Statistics of CalibratedKoho

```
Start at: 2017-09-03 01:54:46
End at: 2017-09-03 01:55:16
Local clock offset: 0.173 ms
Remote clock offset: -4.434 ms

# Below is generated by plot.py at 2017-09-03 08:08:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 218.73 Mbit/s
95th percentile per-packet one-way delay: 136.803 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 218.73 Mbit/s
95th percentile per-packet one-way delay: 136.803 ms
Loss rate: 0.72%
```

Run 4: Report of CalibratedKoho — Data Link

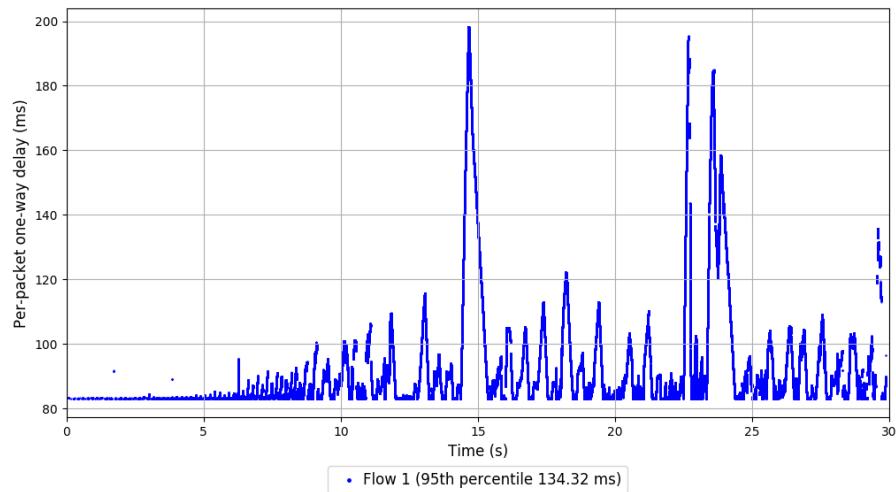
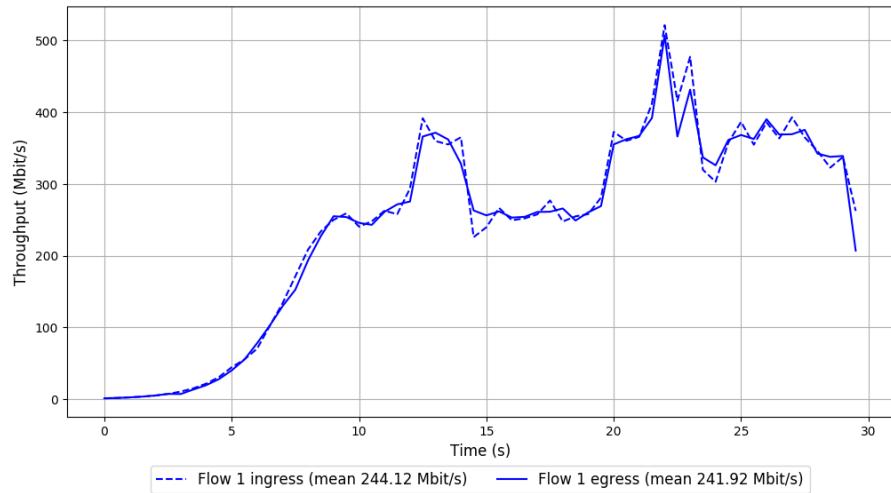


Run 5: Statistics of CalibratedKoho

```
Start at: 2017-09-03 02:14:10
End at: 2017-09-03 02:14:40
Local clock offset: 0.152 ms
Remote clock offset: -0.666 ms

# Below is generated by plot.py at 2017-09-03 08:09:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 241.92 Mbit/s
95th percentile per-packet one-way delay: 134.318 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 241.92 Mbit/s
95th percentile per-packet one-way delay: 134.318 ms
Loss rate: 1.45%
```

Run 5: Report of CalibratedKoho — Data Link

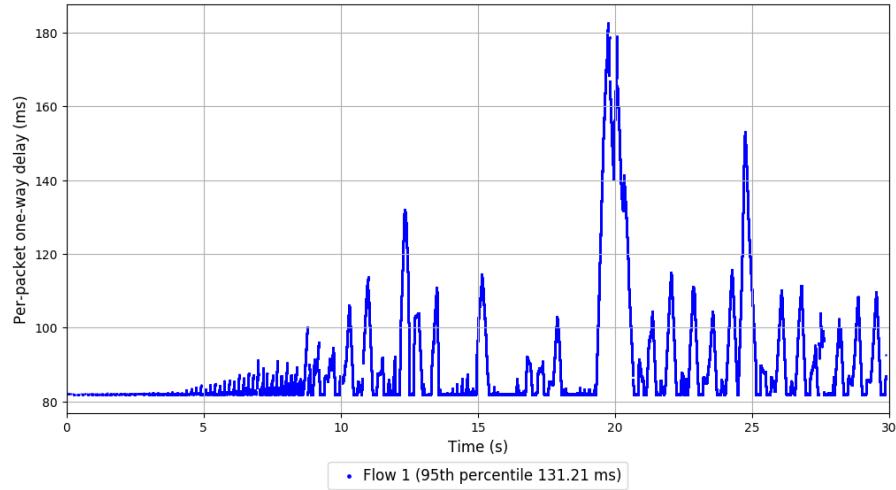
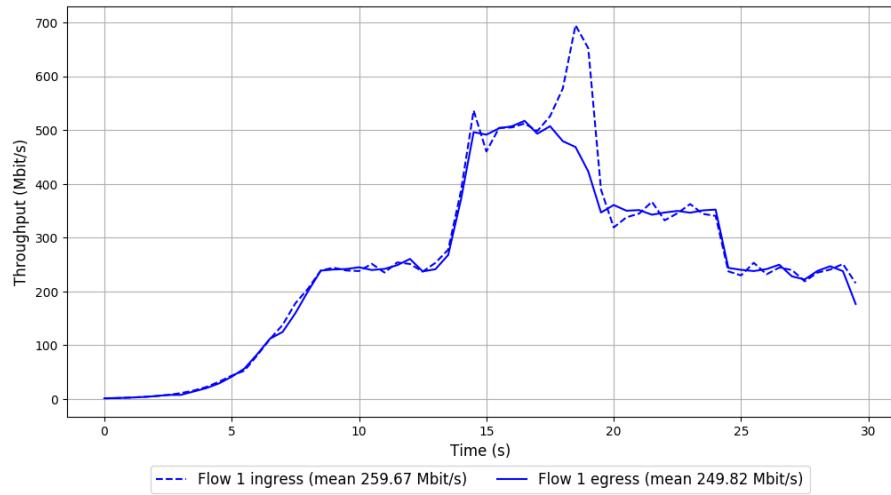


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 02:33:29
End at: 2017-09-03 02:33:59
Local clock offset: 0.106 ms
Remote clock offset: -0.064 ms

# Below is generated by plot.py at 2017-09-03 08:09:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 249.82 Mbit/s
95th percentile per-packet one-way delay: 131.208 ms
Loss rate: 4.32%
-- Flow 1:
Average throughput: 249.82 Mbit/s
95th percentile per-packet one-way delay: 131.208 ms
Loss rate: 4.32%
```

Run 6: Report of CalibratedKoho — Data Link

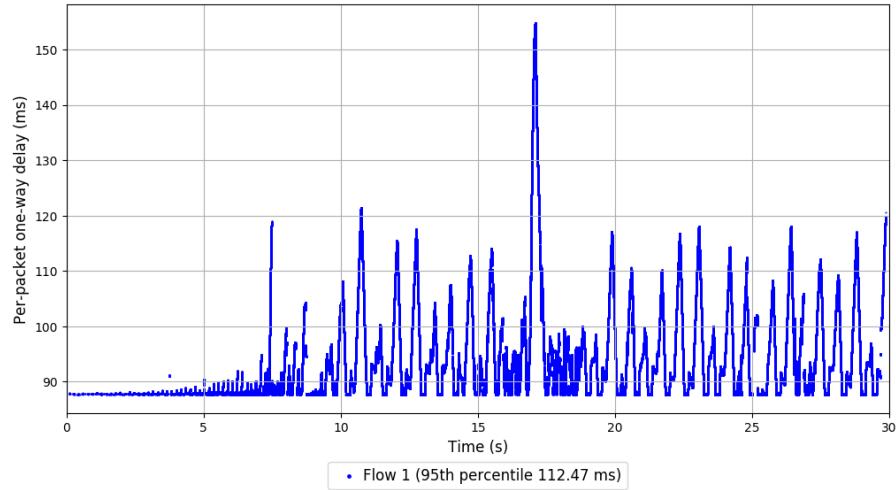
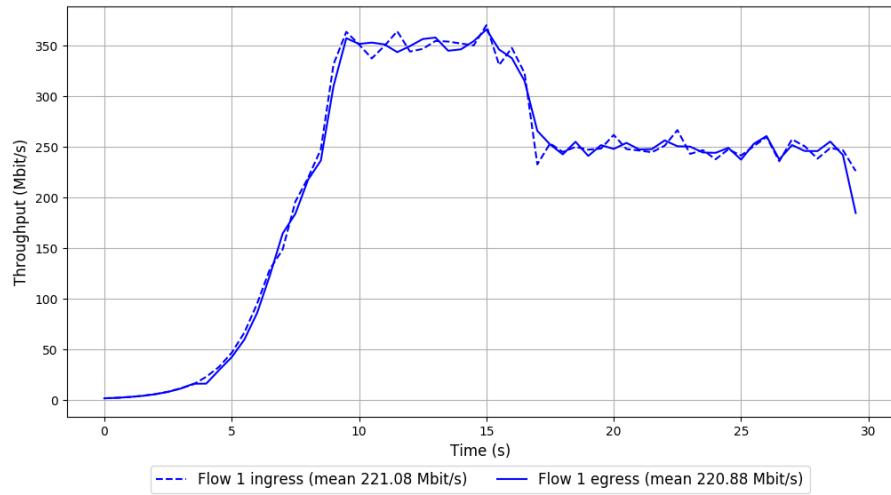


Run 7: Statistics of CalibratedKoho

```
Start at: 2017-09-03 02:52:45
End at: 2017-09-03 02:53:15
Local clock offset: 0.107 ms
Remote clock offset: -6.111 ms

# Below is generated by plot.py at 2017-09-03 08:09:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 220.88 Mbit/s
95th percentile per-packet one-way delay: 112.467 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 220.88 Mbit/s
95th percentile per-packet one-way delay: 112.467 ms
Loss rate: 0.65%
```

Run 7: Report of CalibratedKoho — Data Link

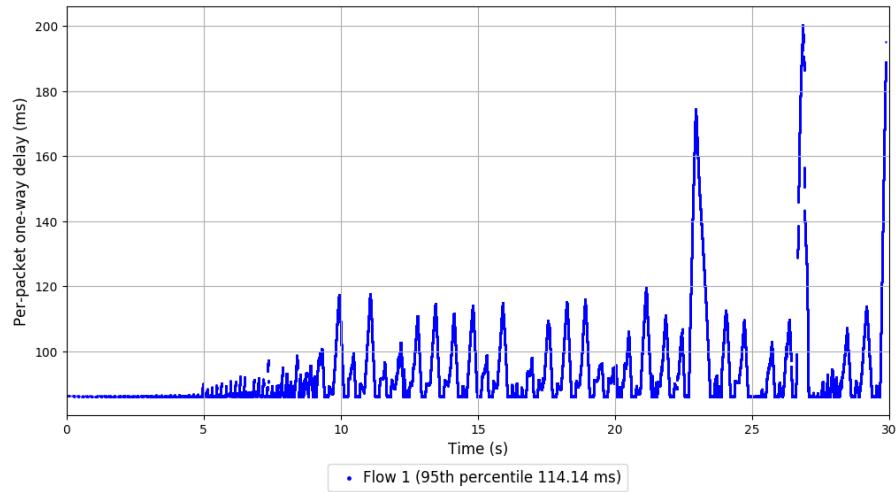
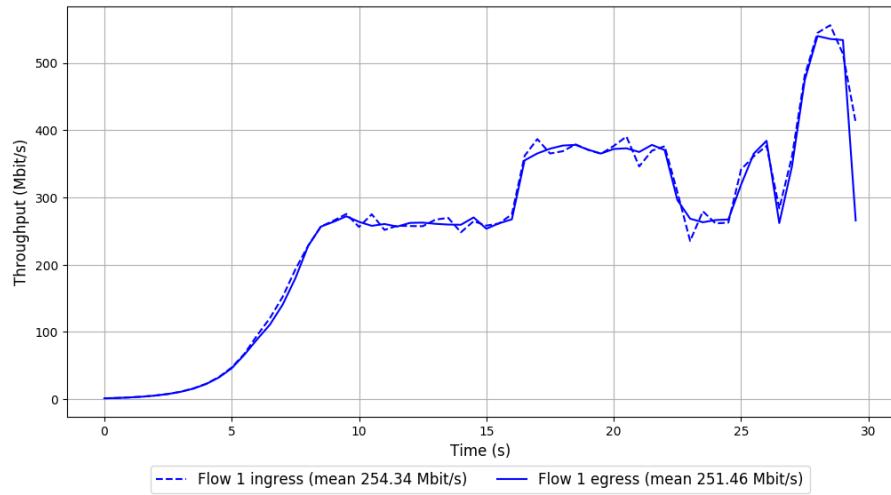


Run 8: Statistics of CalibratedKoho

```
Start at: 2017-09-03 03:12:08
End at: 2017-09-03 03:12:38
Local clock offset: 0.164 ms
Remote clock offset: -6.404 ms

# Below is generated by plot.py at 2017-09-03 08:09:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 251.46 Mbit/s
95th percentile per-packet one-way delay: 114.141 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 251.46 Mbit/s
95th percentile per-packet one-way delay: 114.141 ms
Loss rate: 1.67%
```

Run 8: Report of CalibratedKoho — Data Link

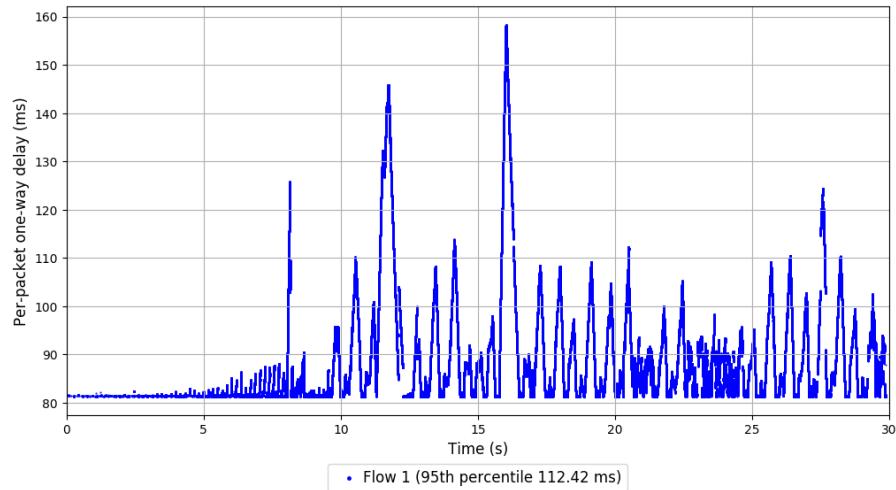
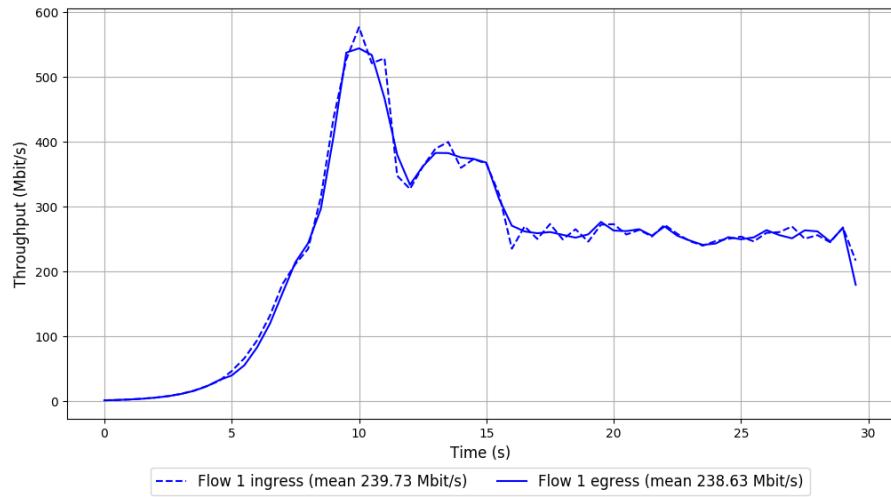


Run 9: Statistics of CalibratedKoho

```
Start at: 2017-09-03 03:31:40
End at: 2017-09-03 03:32:10
Local clock offset: 0.251 ms
Remote clock offset: -1.85 ms

# Below is generated by plot.py at 2017-09-03 08:09:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 238.63 Mbit/s
95th percentile per-packet one-way delay: 112.424 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 238.63 Mbit/s
95th percentile per-packet one-way delay: 112.424 ms
Loss rate: 1.00%
```

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

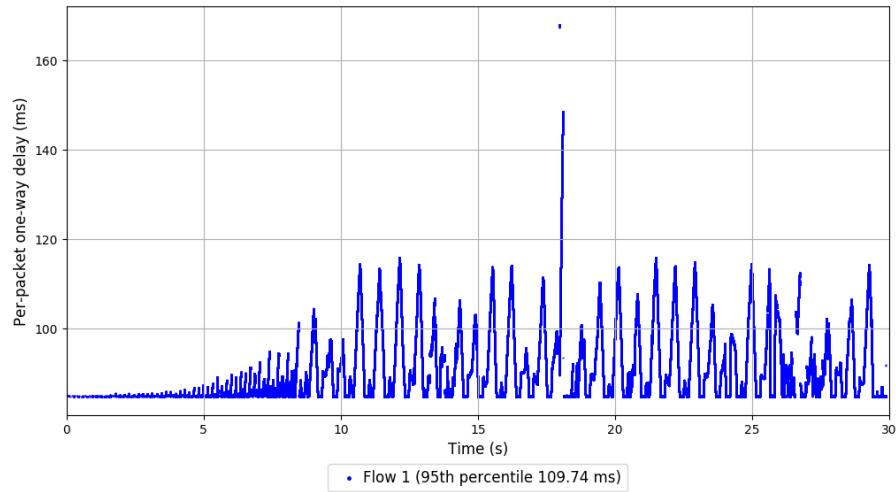
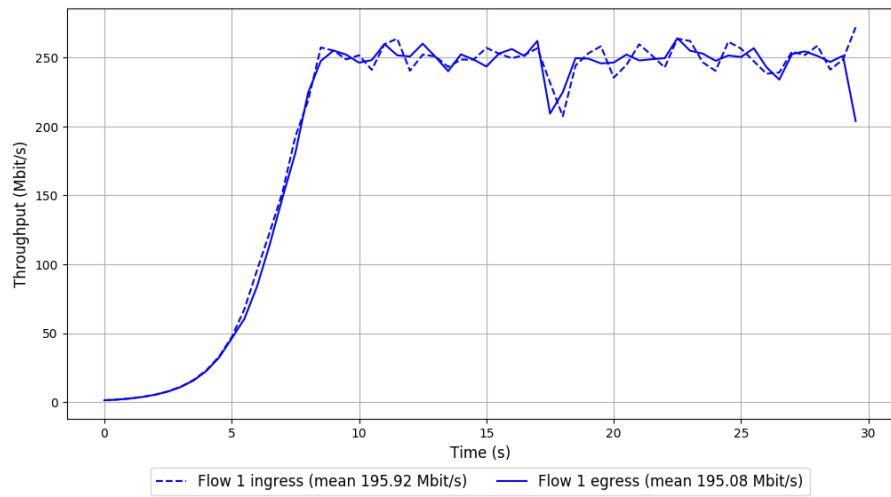


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 03:51:19
End at: 2017-09-03 03:51:49
Local clock offset: 0.277 ms
Remote clock offset: -6.116 ms

# Below is generated by plot.py at 2017-09-03 08:10:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 195.08 Mbit/s
95th percentile per-packet one-way delay: 109.737 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 195.08 Mbit/s
95th percentile per-packet one-way delay: 109.737 ms
Loss rate: 0.96%
```

Run 10: Report of CalibratedKoho — Data Link

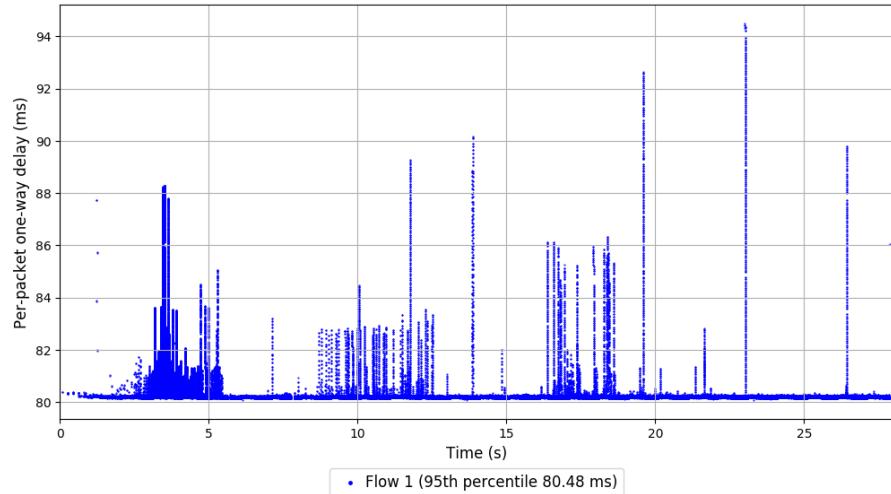
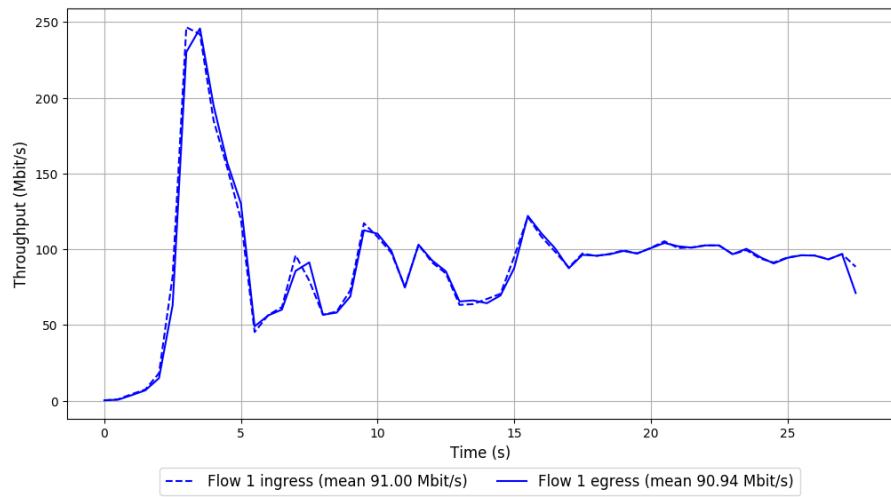


Run 1: Statistics of Copa

```
Start at: 2017-09-03 00:53:56
End at: 2017-09-03 00:54:26
Local clock offset: 0.304 ms
Remote clock offset: 0.036 ms

# Below is generated by plot.py at 2017-09-03 08:10:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.94 Mbit/s
95th percentile per-packet one-way delay: 80.485 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 90.94 Mbit/s
95th percentile per-packet one-way delay: 80.485 ms
Loss rate: 0.65%
```

## Run 1: Report of Copa — Data Link

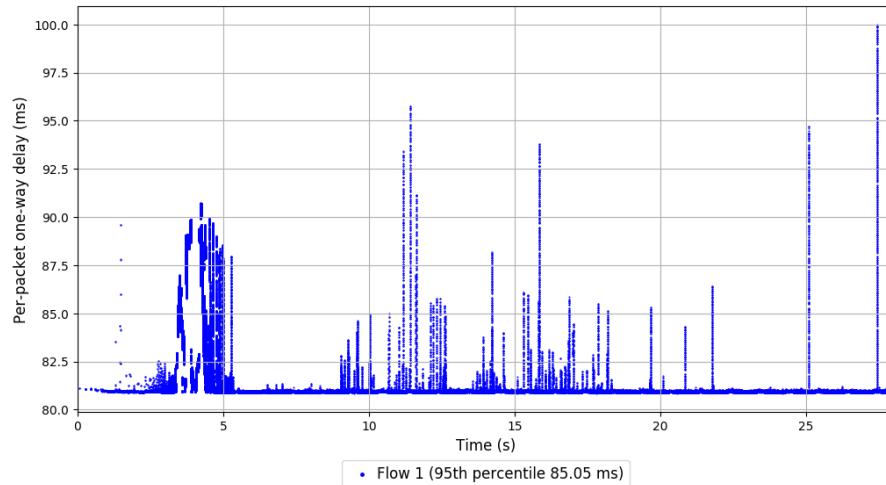
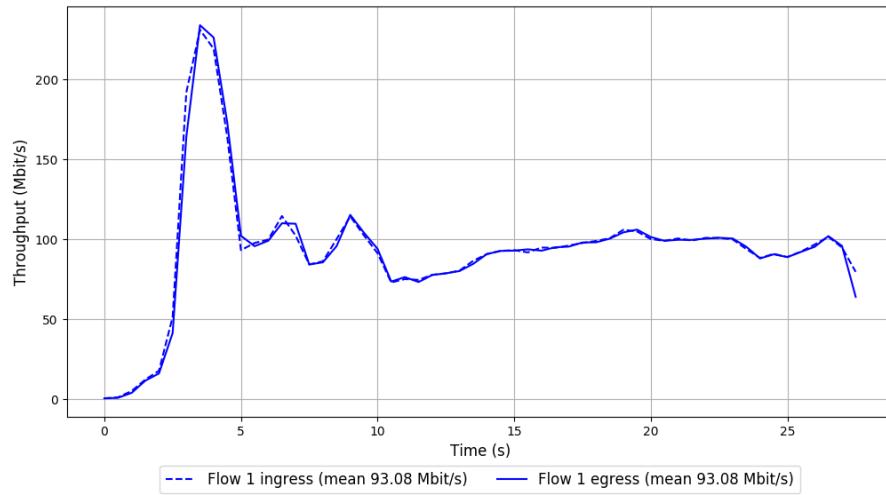


Run 2: Statistics of Copa

```
Start at: 2017-09-03 01:12:56
End at: 2017-09-03 01:13:26
Local clock offset: 0.24 ms
Remote clock offset: -0.657 ms

# Below is generated by plot.py at 2017-09-03 08:10:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.08 Mbit/s
95th percentile per-packet one-way delay: 85.047 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.08 Mbit/s
95th percentile per-packet one-way delay: 85.047 ms
Loss rate: 0.60%
```

## Run 2: Report of Copa — Data Link

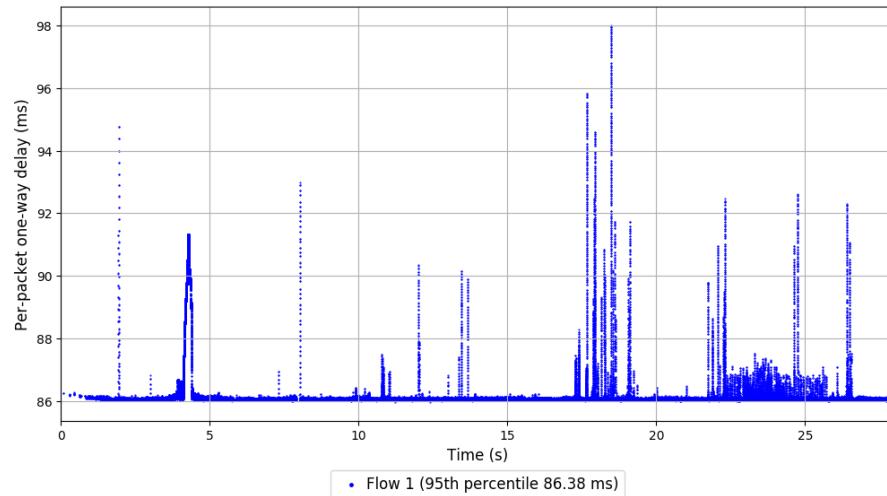
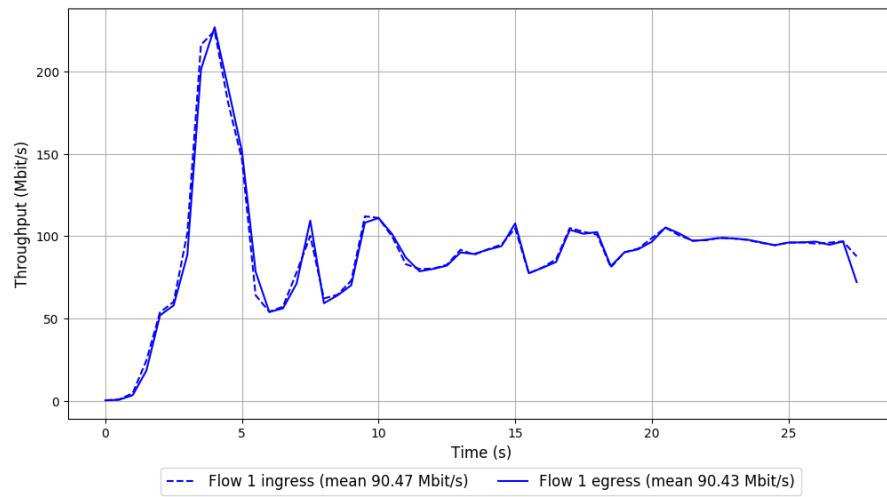


Run 3: Statistics of Copa

```
Start at: 2017-09-03 01:32:36
End at: 2017-09-03 01:33:06
Local clock offset: 0.254 ms
Remote clock offset: -5.164 ms

# Below is generated by plot.py at 2017-09-03 08:10:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.43 Mbit/s
95th percentile per-packet one-way delay: 86.381 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 90.43 Mbit/s
95th percentile per-packet one-way delay: 86.381 ms
Loss rate: 0.64%
```

### Run 3: Report of Copa — Data Link

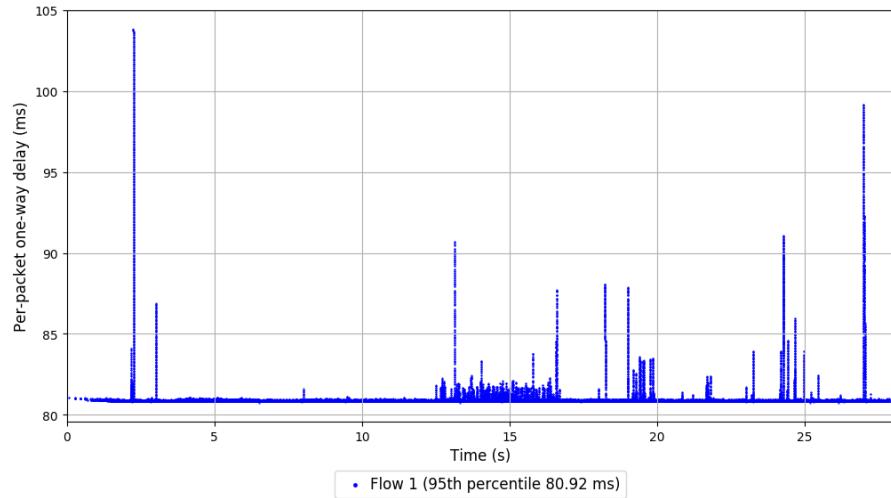
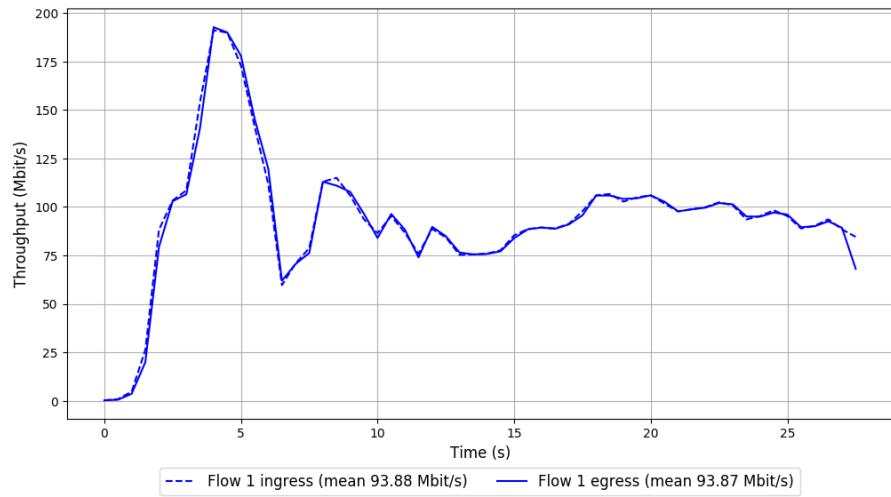


Run 4: Statistics of Copa

```
Start at: 2017-09-03 01:51:45
End at: 2017-09-03 01:52:15
Local clock offset: 0.253 ms
Remote clock offset: -0.453 ms

# Below is generated by plot.py at 2017-09-03 08:10:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.87 Mbit/s
95th percentile per-packet one-way delay: 80.923 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 93.87 Mbit/s
95th percentile per-packet one-way delay: 80.923 ms
Loss rate: 0.61%
```

## Run 4: Report of Copa — Data Link

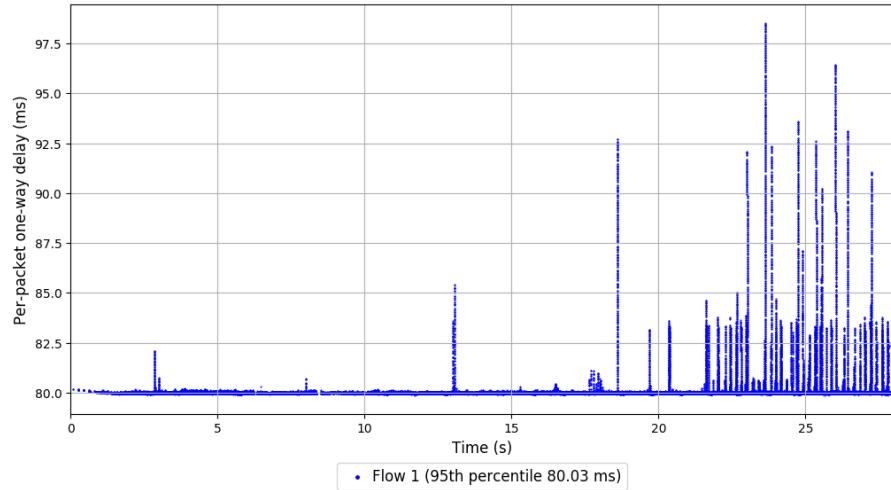
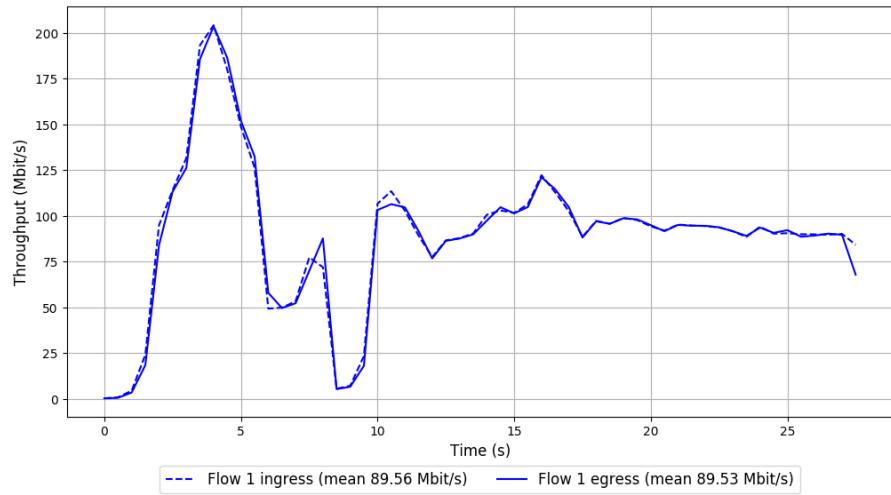


Run 5: Statistics of Copa

```
Start at: 2017-09-03 02:11:18
End at: 2017-09-03 02:11:48
Local clock offset: 0.181 ms
Remote clock offset: 0.228 ms

# Below is generated by plot.py at 2017-09-03 08:10:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.53 Mbit/s
95th percentile per-packet one-way delay: 80.033 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 89.53 Mbit/s
95th percentile per-packet one-way delay: 80.033 ms
Loss rate: 0.63%
```

### Run 5: Report of Copa — Data Link

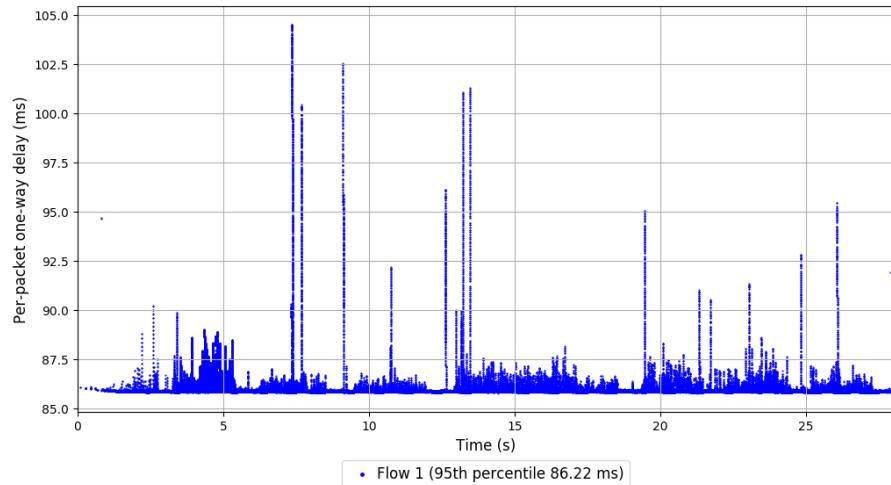
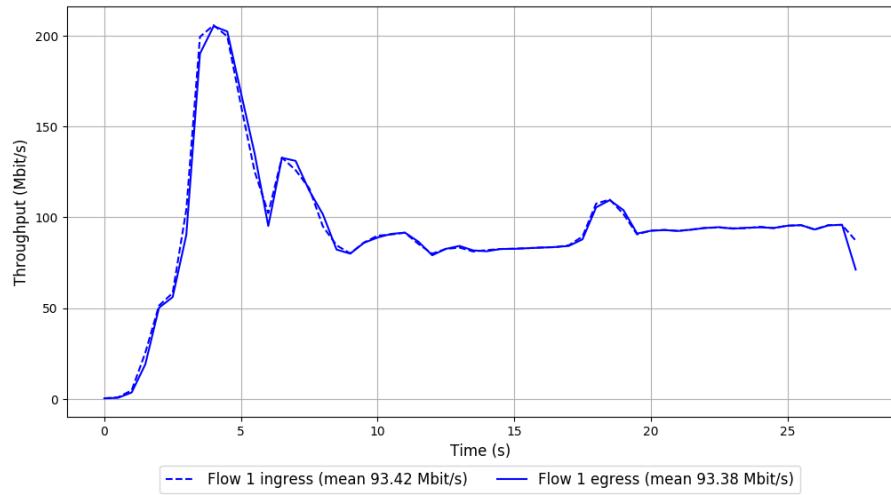


Run 6: Statistics of Copa

```
Start at: 2017-09-03 02:30:44
End at: 2017-09-03 02:31:14
Local clock offset: 0.174 ms
Remote clock offset: -5.741 ms

# Below is generated by plot.py at 2017-09-03 08:11:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 86.225 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 86.225 ms
Loss rate: 0.62%
```

## Run 6: Report of Copa — Data Link

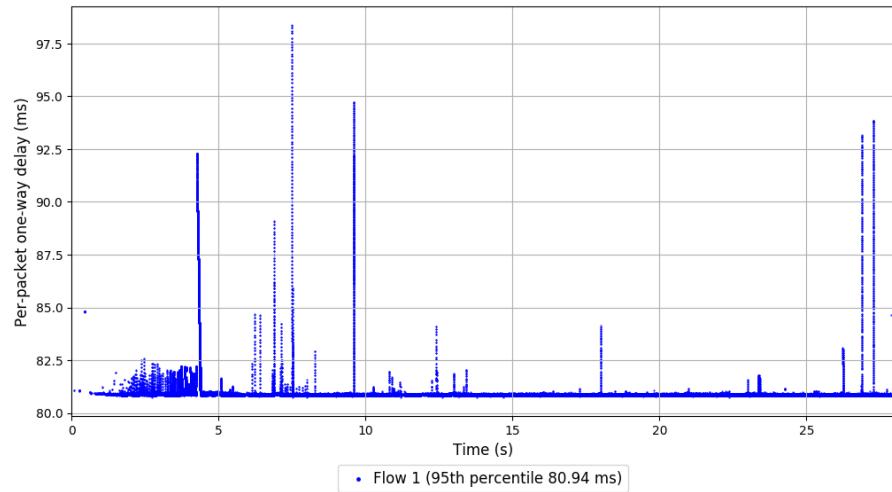
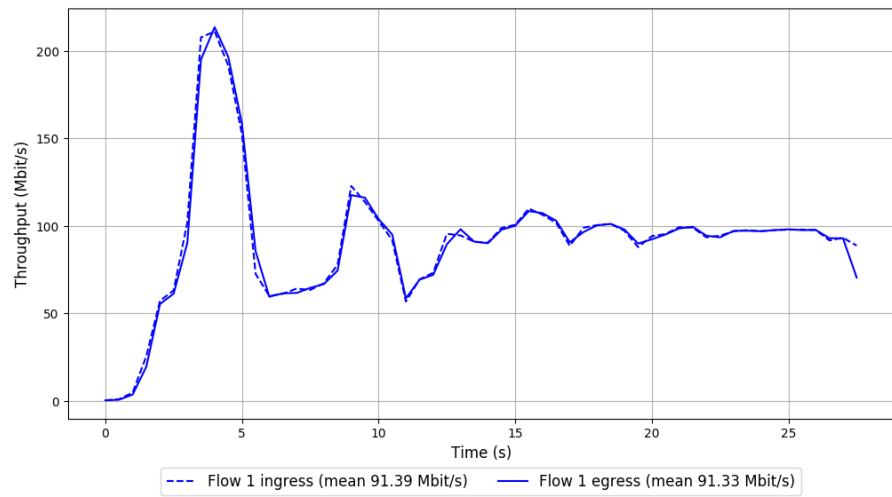


Run 7: Statistics of Copa

```
Start at: 2017-09-03 02:49:57
End at: 2017-09-03 02:50:27
Local clock offset: 0.189 ms
Remote clock offset: -0.356 ms

# Below is generated by plot.py at 2017-09-03 08:11:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: 80.938 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: 80.938 ms
Loss rate: 0.66%
```

## Run 7: Report of Copa — Data Link

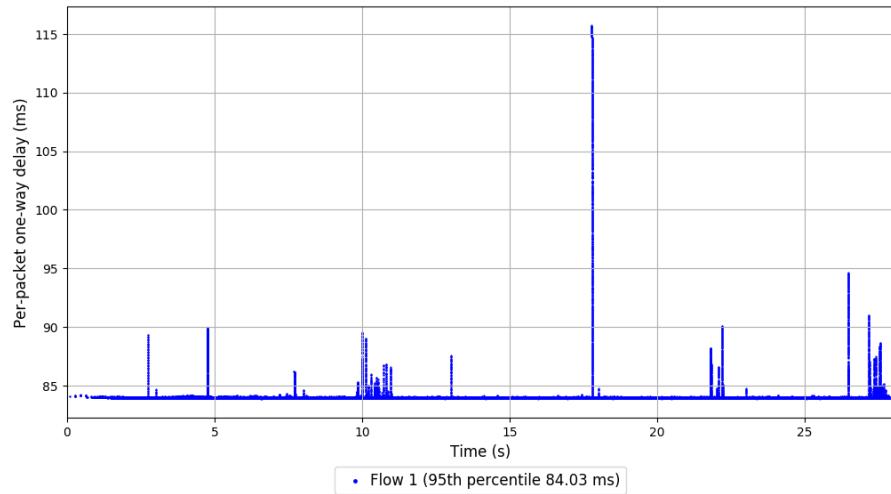
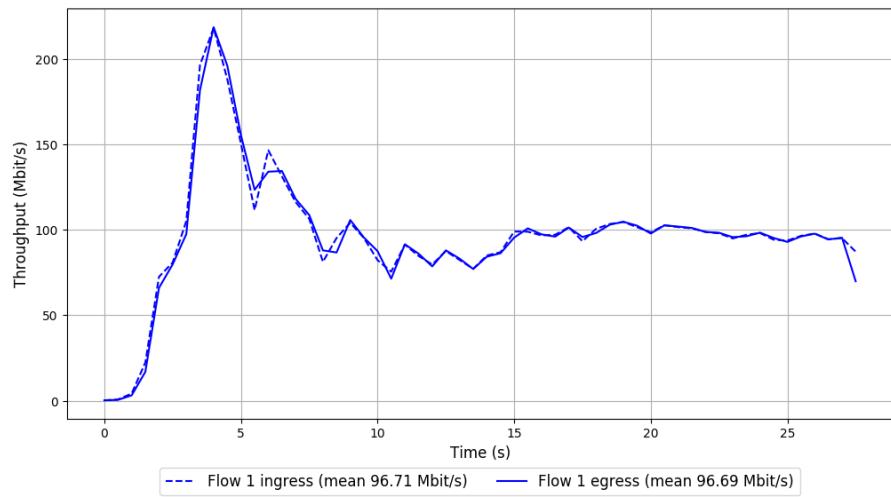


Run 8: Statistics of Copa

```
Start at: 2017-09-03 03:09:17
End at: 2017-09-03 03:09:47
Local clock offset: 0.15 ms
Remote clock offset: -2.455 ms

# Below is generated by plot.py at 2017-09-03 08:11:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 84.029 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 84.029 ms
Loss rate: 0.63%
```

## Run 8: Report of Copa — Data Link

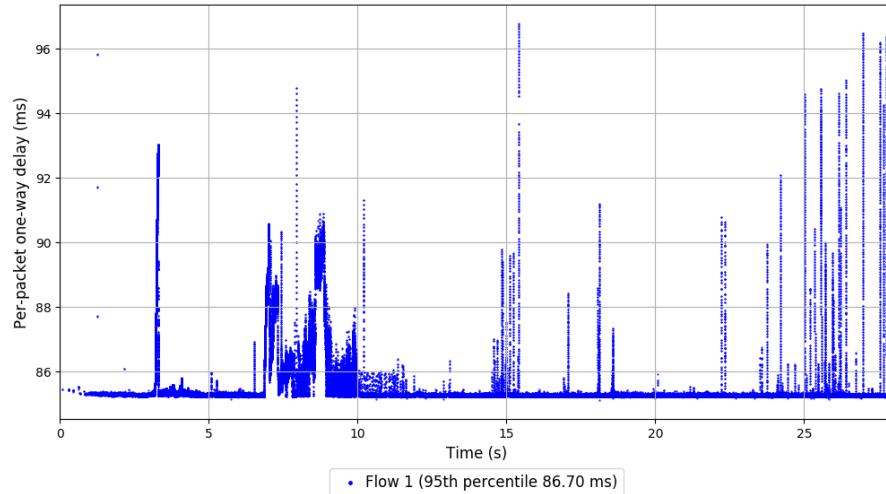
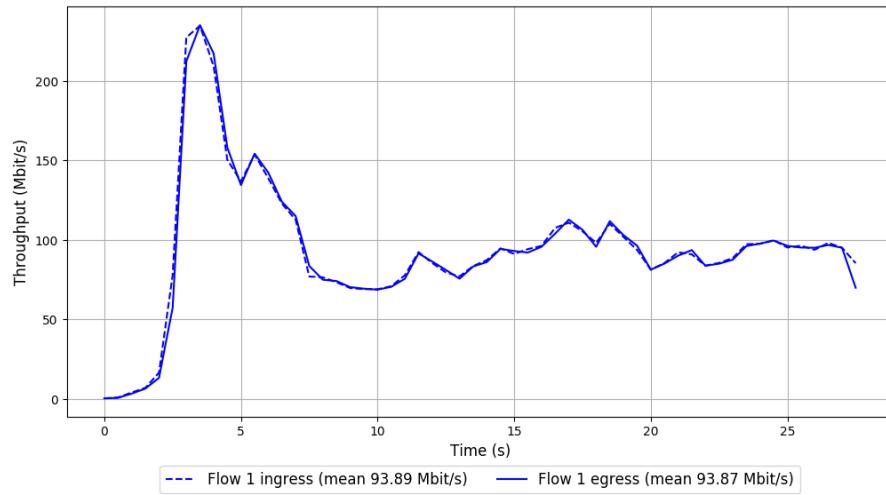


Run 9: Statistics of Copa

```
Start at: 2017-09-03 03:28:50
End at: 2017-09-03 03:29:20
Local clock offset: 0.266 ms
Remote clock offset: -5.745 ms

# Below is generated by plot.py at 2017-09-03 08:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.87 Mbit/s
95th percentile per-packet one-way delay: 86.705 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 93.87 Mbit/s
95th percentile per-packet one-way delay: 86.705 ms
Loss rate: 0.64%
```

## Run 9: Report of Copa — Data Link

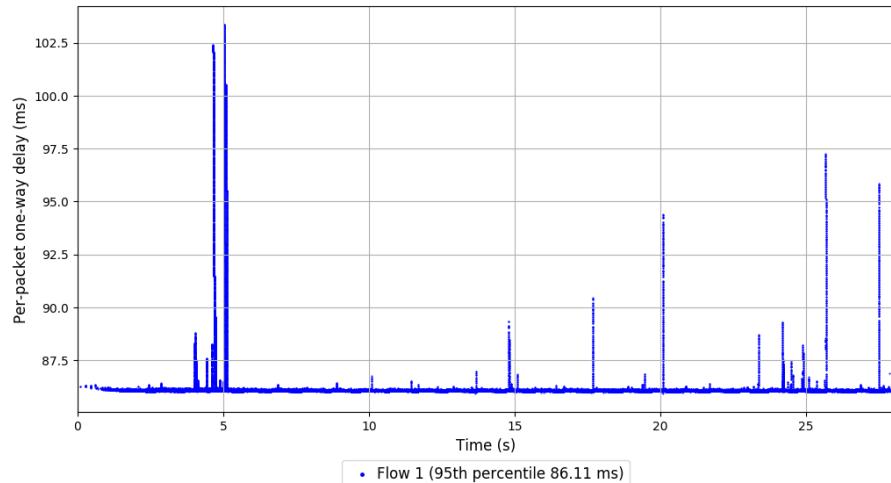
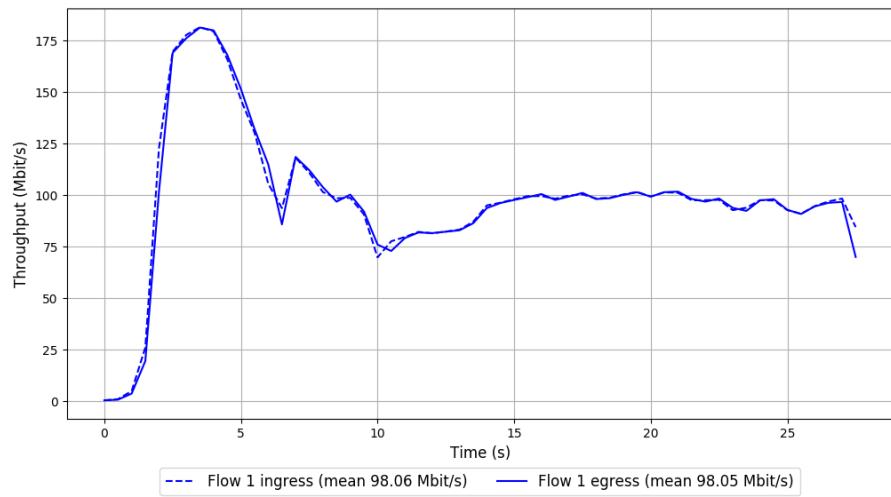


Run 10: Statistics of Copa

```
Start at: 2017-09-03 03:48:23
End at: 2017-09-03 03:48:53
Local clock offset: 0.177 ms
Remote clock offset: -7.055 ms

# Below is generated by plot.py at 2017-09-03 08:11:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 98.05 Mbit/s
95th percentile per-packet one-way delay: 86.113 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 98.05 Mbit/s
95th percentile per-packet one-way delay: 86.113 ms
Loss rate: 0.61%
```

## Run 10: Report of Copa — Data Link

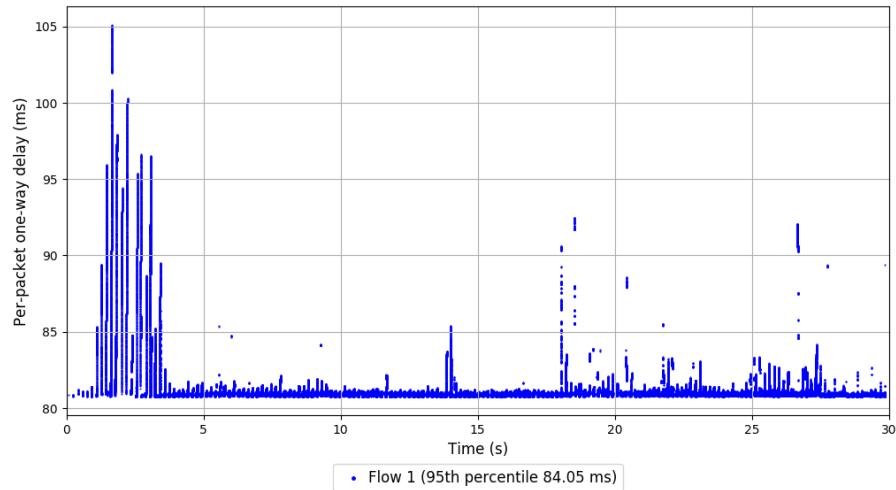
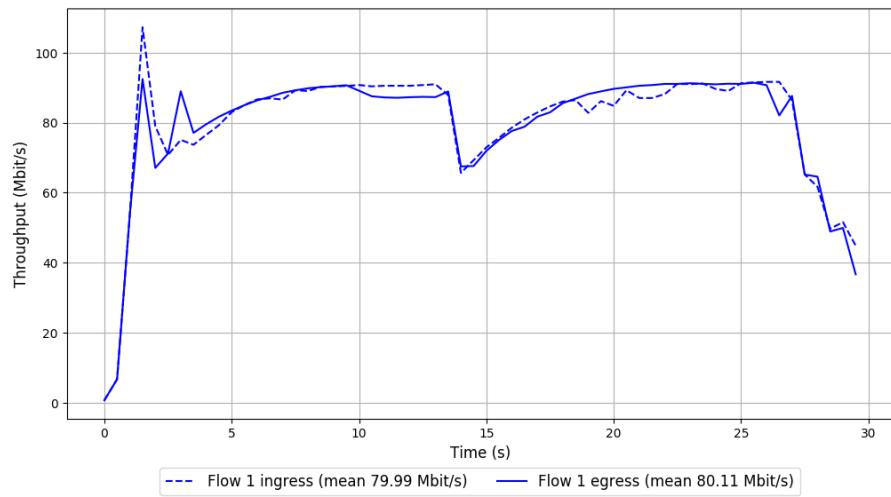


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-09-03 01:03:00
End at: 2017-09-03 01:03:30
Local clock offset: 0.277 ms
Remote clock offset: 0.196 ms

# Below is generated by plot.py at 2017-09-03 08:11:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.11 Mbit/s
95th percentile per-packet one-way delay: 84.046 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 80.11 Mbit/s
95th percentile per-packet one-way delay: 84.046 ms
Loss rate: 0.37%
```

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

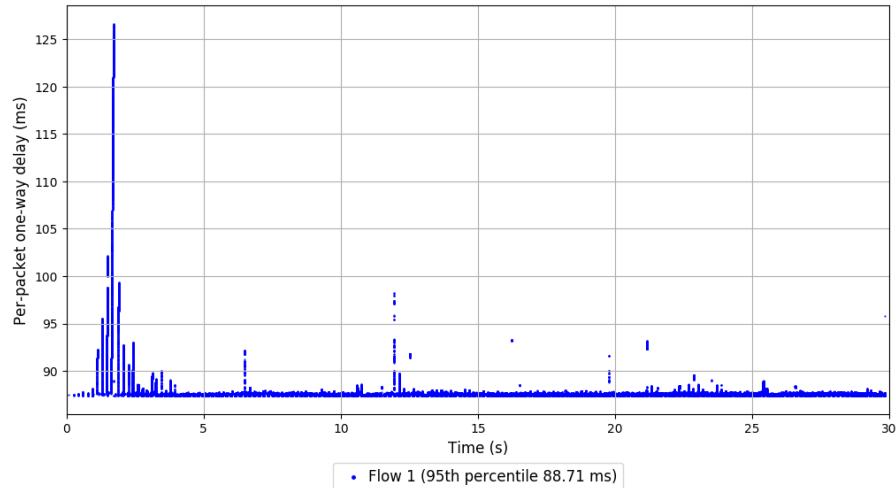
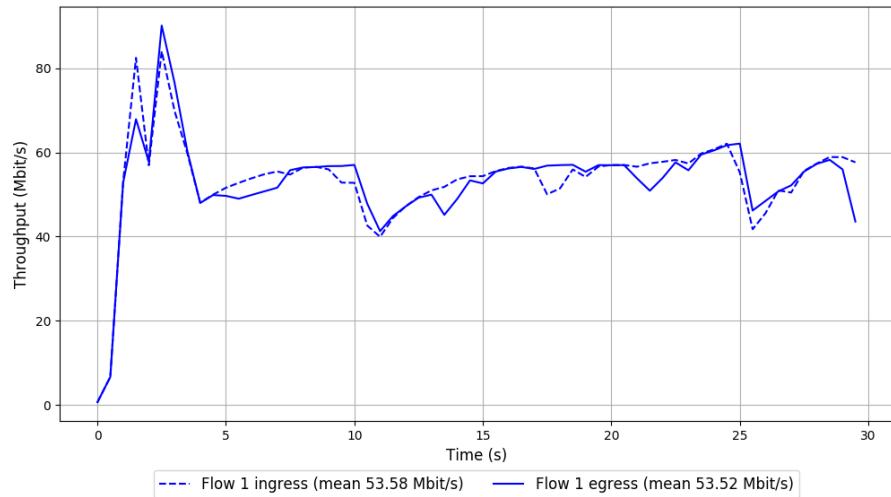


Run 2: Statistics of TCP Cubic

```
Start at: 2017-09-03 01:22:08
End at: 2017-09-03 01:22:38
Local clock offset: 0.192 ms
Remote clock offset: -4.438 ms

# Below is generated by plot.py at 2017-09-03 08:11:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.52 Mbit/s
95th percentile per-packet one-way delay: 88.708 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 53.52 Mbit/s
95th percentile per-packet one-way delay: 88.708 ms
Loss rate: 0.64%
```

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

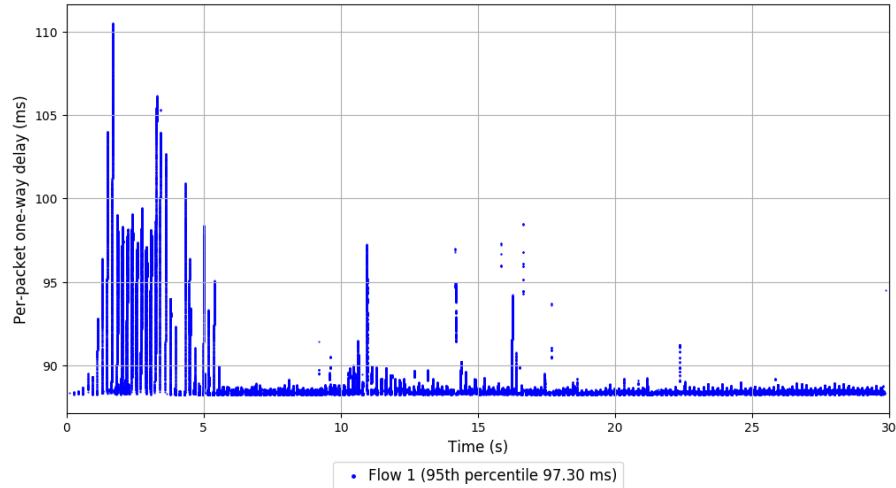
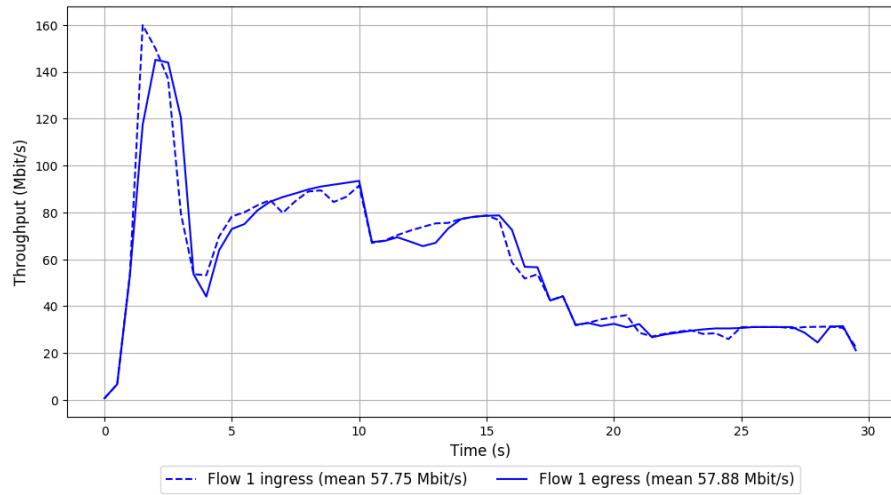


Run 3: Statistics of TCP Cubic

```
Start at: 2017-09-03 01:41:50
End at: 2017-09-03 01:42:20
Local clock offset: 0.251 ms
Remote clock offset: -5.16 ms

# Below is generated by plot.py at 2017-09-03 08:12:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.88 Mbit/s
95th percentile per-packet one-way delay: 97.303 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 57.88 Mbit/s
95th percentile per-packet one-way delay: 97.303 ms
Loss rate: 0.31%
```

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

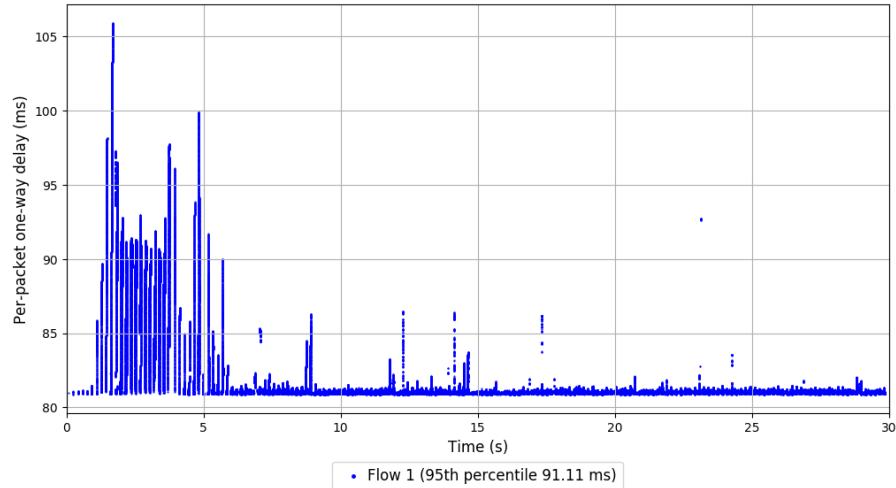
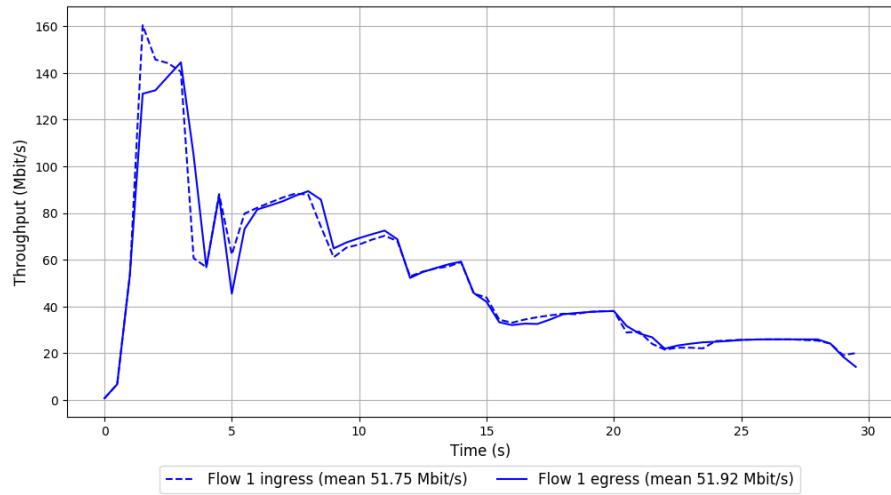


Run 4: Statistics of TCP Cubic

```
Start at: 2017-09-03 02:01:26
End at: 2017-09-03 02:01:56
Local clock offset: 0.177 ms
Remote clock offset: -0.642 ms

# Below is generated by plot.py at 2017-09-03 08:12:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.92 Mbit/s
95th percentile per-packet one-way delay: 91.107 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 51.92 Mbit/s
95th percentile per-packet one-way delay: 91.107 ms
Loss rate: 0.23%
```

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

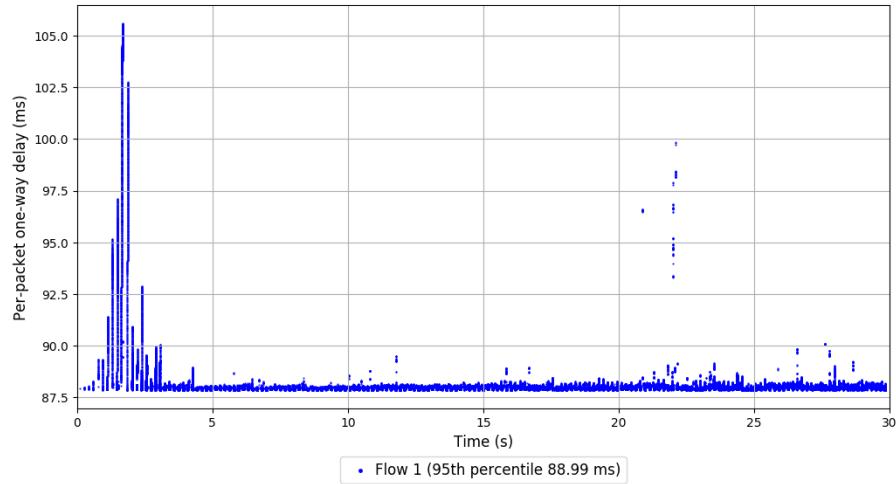
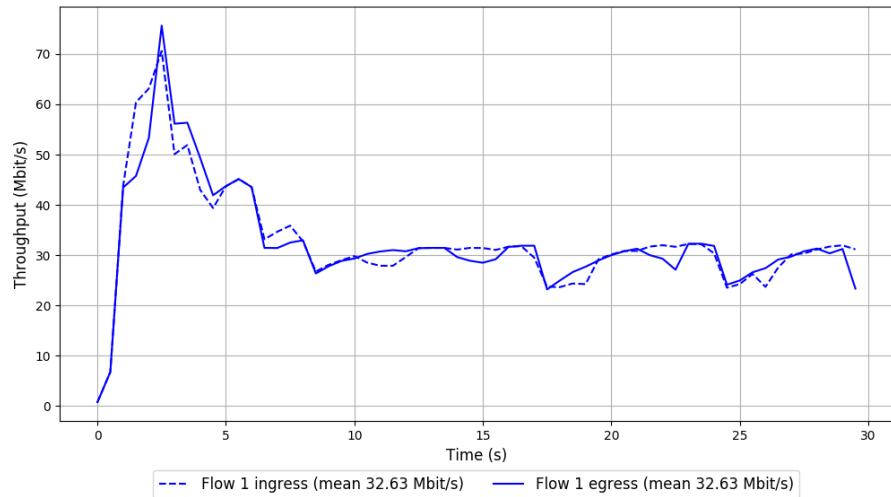


Run 5: Statistics of TCP Cubic

```
Start at: 2017-09-03 02:20:39
End at: 2017-09-03 02:21:09
Local clock offset: 0.169 ms
Remote clock offset: -5.567 ms

# Below is generated by plot.py at 2017-09-03 08:12:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.63 Mbit/s
95th percentile per-packet one-way delay: 88.987 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 32.63 Mbit/s
95th percentile per-packet one-way delay: 88.987 ms
Loss rate: 0.56%
```

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

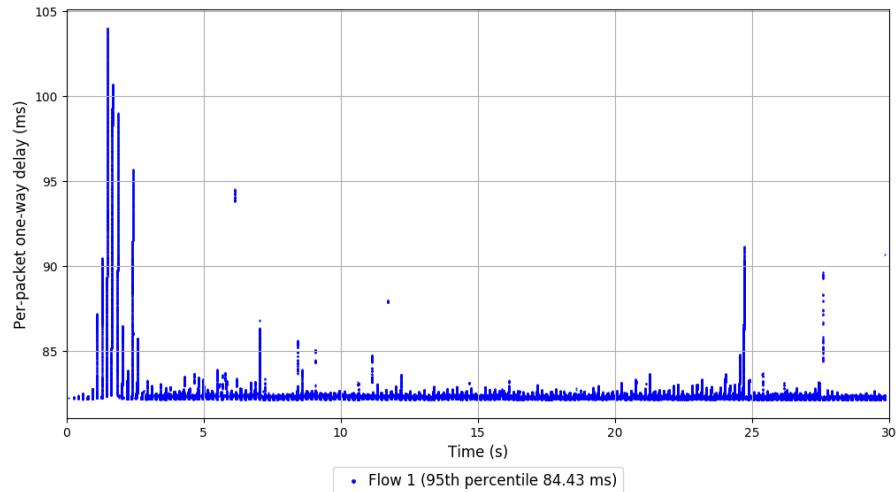
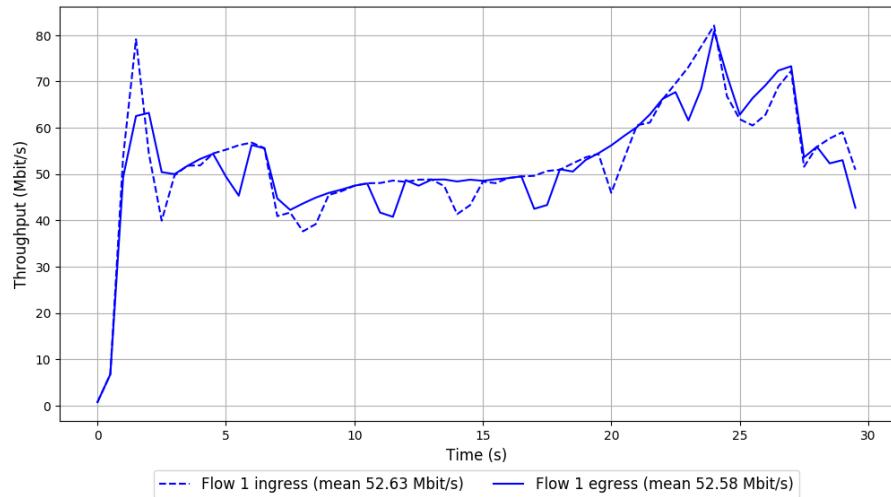


Run 6: Statistics of TCP Cubic

```
Start at: 2017-09-03 02:39:57
End at: 2017-09-03 02:40:27
Local clock offset: 0.156 ms
Remote clock offset: -0.194 ms

# Below is generated by plot.py at 2017-09-03 08:12:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.58 Mbit/s
95th percentile per-packet one-way delay: 84.433 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 52.58 Mbit/s
95th percentile per-packet one-way delay: 84.433 ms
Loss rate: 0.63%
```

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

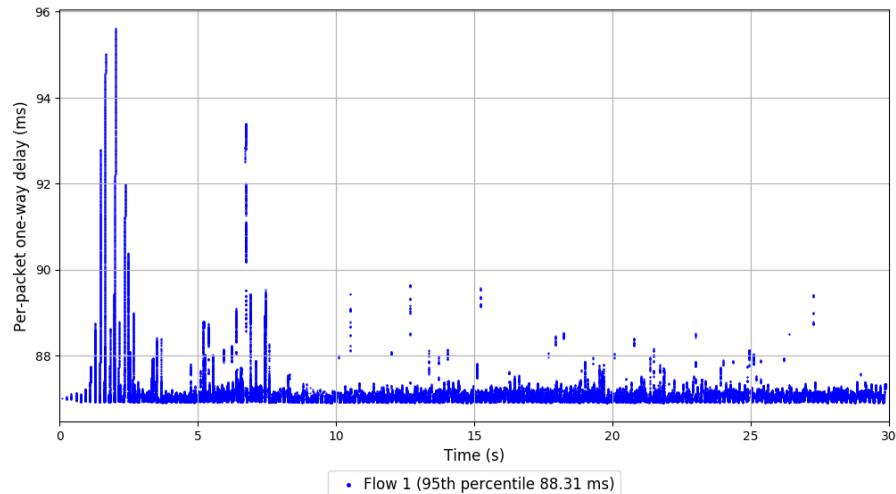
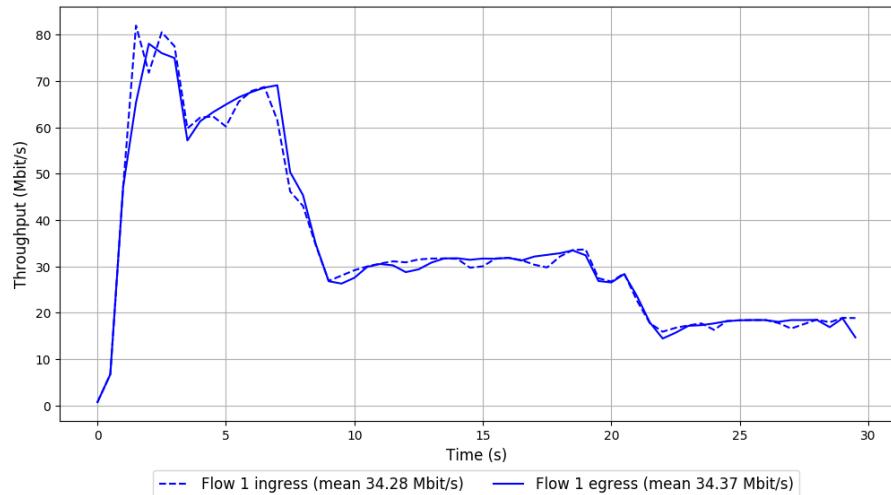


Run 7: Statistics of TCP Cubic

```
Start at: 2017-09-03 02:59:15
End at: 2017-09-03 02:59:45
Local clock offset: 0.116 ms
Remote clock offset: -5.28 ms

# Below is generated by plot.py at 2017-09-03 08:12:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.37 Mbit/s
95th percentile per-packet one-way delay: 88.314 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 34.37 Mbit/s
95th percentile per-packet one-way delay: 88.314 ms
Loss rate: 0.33%
```

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

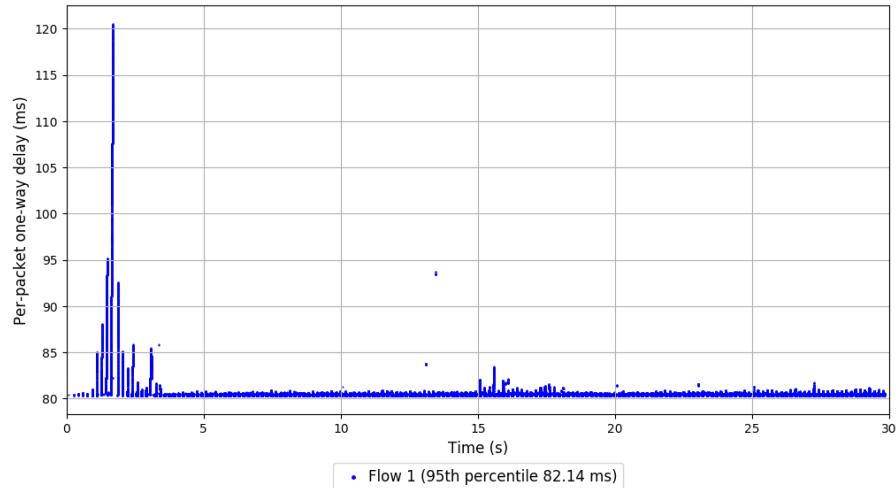
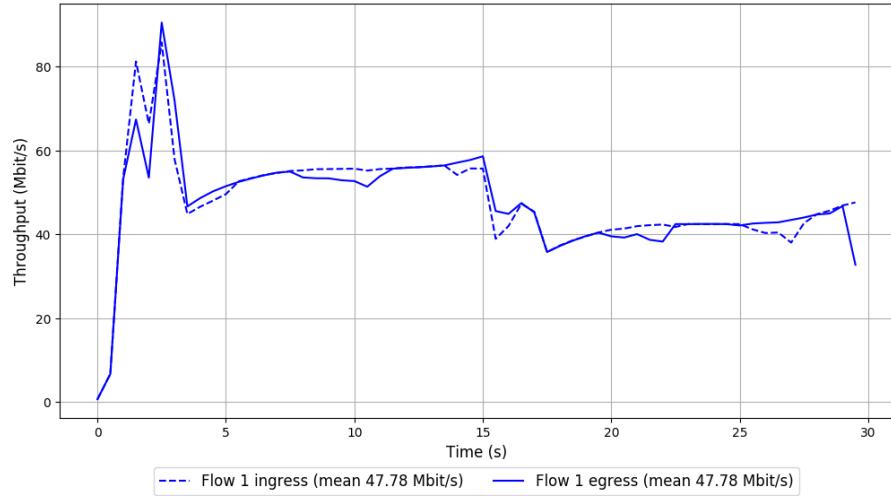


Run 8: Statistics of TCP Cubic

```
Start at: 2017-09-03 03:18:45
End at: 2017-09-03 03:19:15
Local clock offset: 0.092 ms
Remote clock offset: -0.805 ms

# Below is generated by plot.py at 2017-09-03 08:12:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.78 Mbit/s
95th percentile per-packet one-way delay: 82.142 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 47.78 Mbit/s
95th percentile per-packet one-way delay: 82.142 ms
Loss rate: 0.57%
```

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

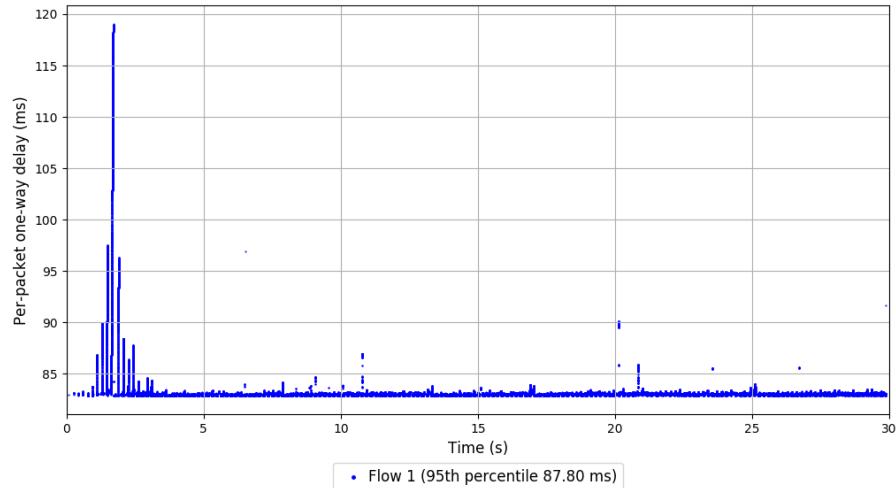
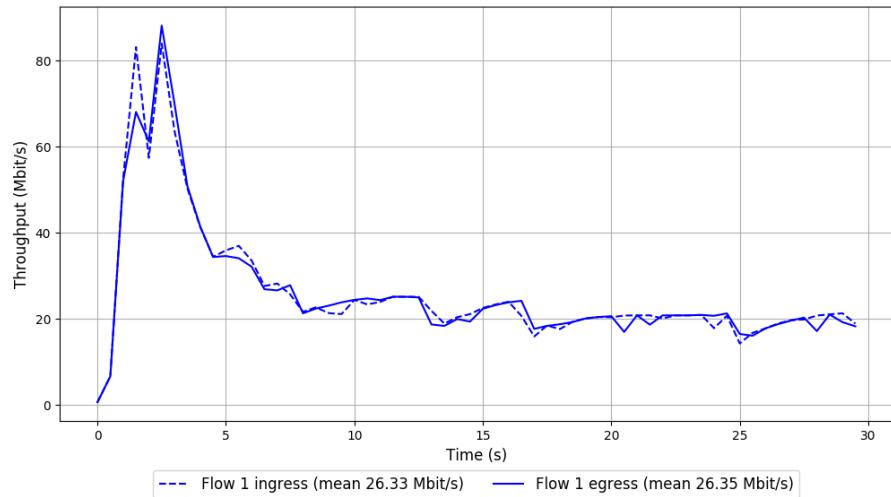


Run 9: Statistics of TCP Cubic

```
Start at: 2017-09-03 03:38:19
End at: 2017-09-03 03:38:49
Local clock offset: 0.26 ms
Remote clock offset: -2.024 ms

# Below is generated by plot.py at 2017-09-03 08:12:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.35 Mbit/s
95th percentile per-packet one-way delay: 87.799 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 26.35 Mbit/s
95th percentile per-packet one-way delay: 87.799 ms
Loss rate: 0.46%
```

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

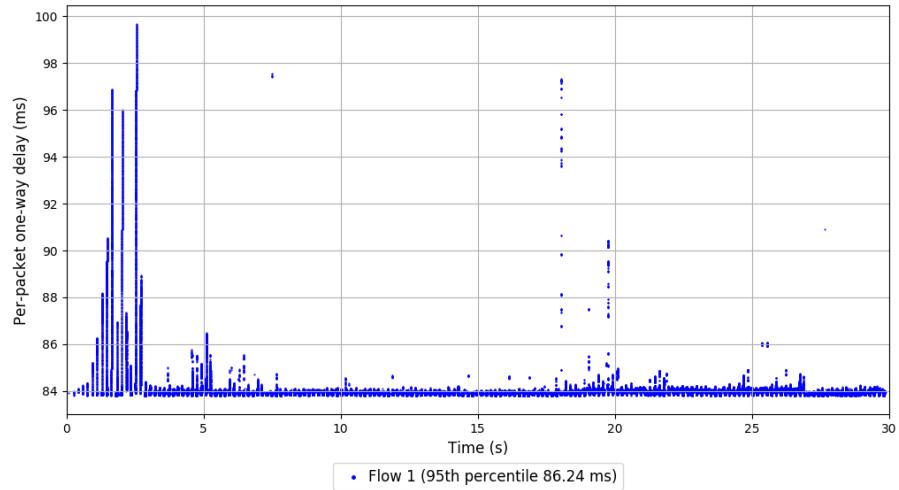
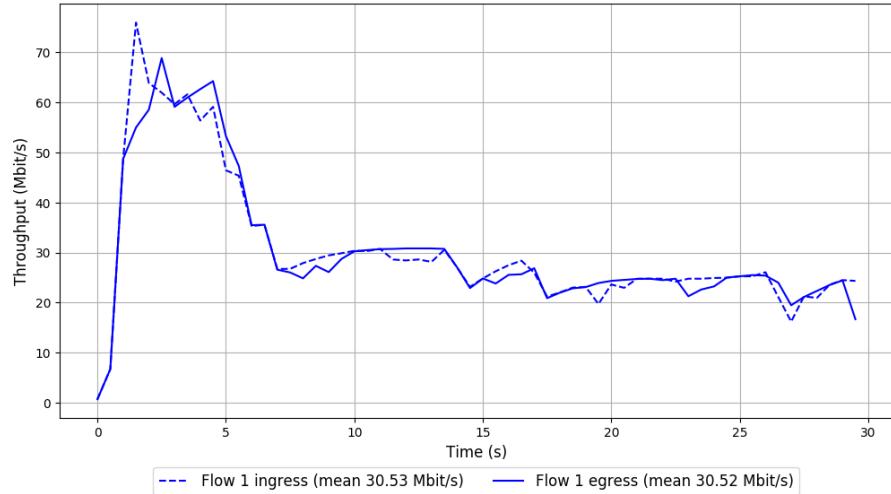


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2017-09-03 03:57:41
End at: 2017-09-03 03:58:12
Local clock offset: 0.31 ms
Remote clock offset: -3.267 ms

# Below is generated by plot.py at 2017-09-03 08:12:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.52 Mbit/s
95th percentile per-packet one-way delay: 86.243 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 30.52 Mbit/s
95th percentile per-packet one-way delay: 86.243 ms
Loss rate: 0.47%
```

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

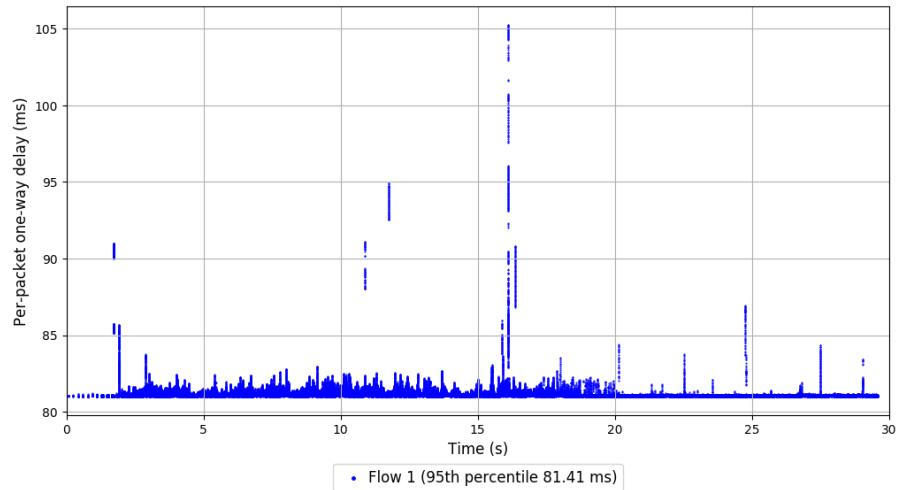
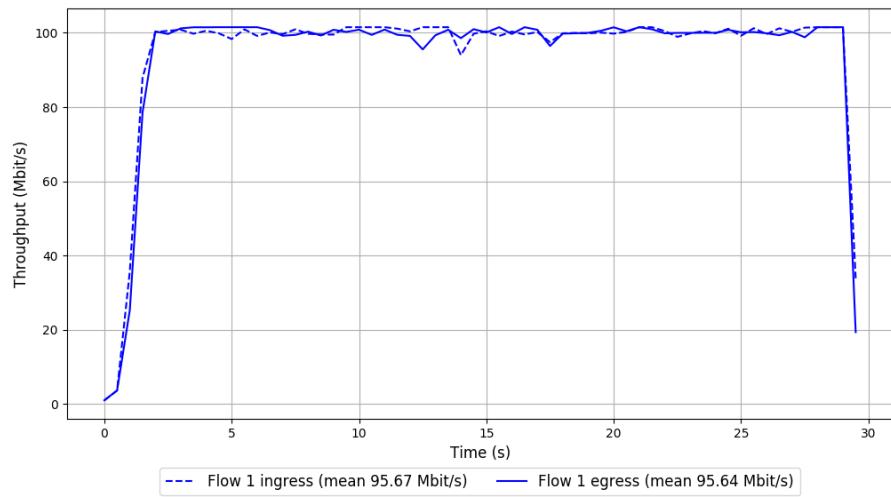


Run 1: Statistics of Indigo

```
Start at: 2017-09-03 01:01:43
End at: 2017-09-03 01:02:13
Local clock offset: 0.284 ms
Remote clock offset: -0.69 ms

# Below is generated by plot.py at 2017-09-03 08:12:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 81.413 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 81.413 ms
Loss rate: 0.60%
```

## Run 1: Report of Indigo — Data Link

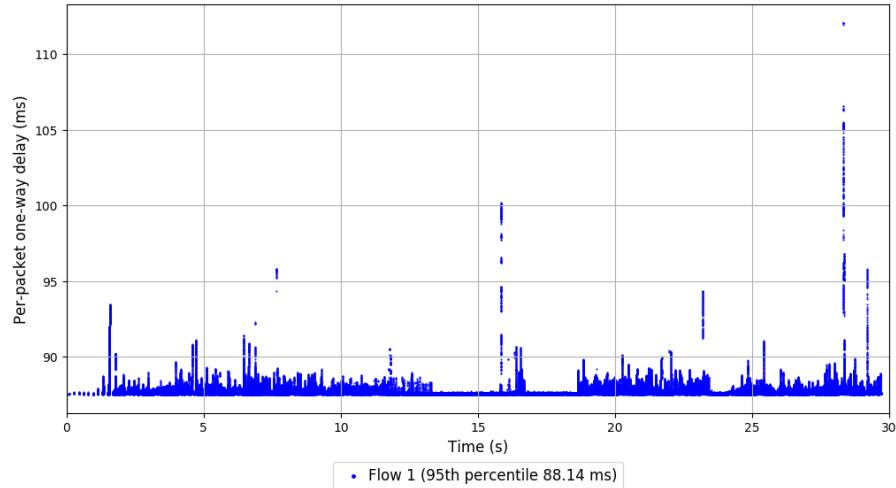
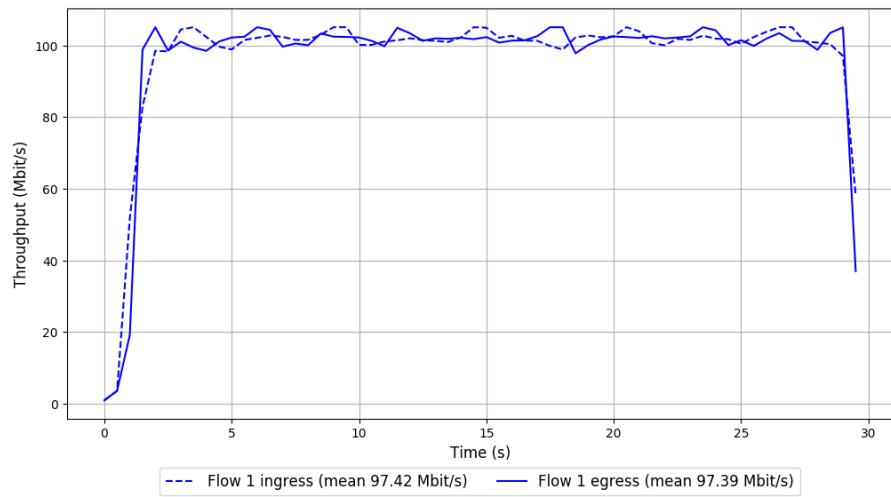


Run 2: Statistics of Indigo

```
Start at: 2017-09-03 01:20:50
End at: 2017-09-03 01:21:20
Local clock offset: 0.26 ms
Remote clock offset: -5.324 ms

# Below is generated by plot.py at 2017-09-03 08:12:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 88.135 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 88.135 ms
Loss rate: 0.61%
```

Run 2: Report of Indigo — Data Link

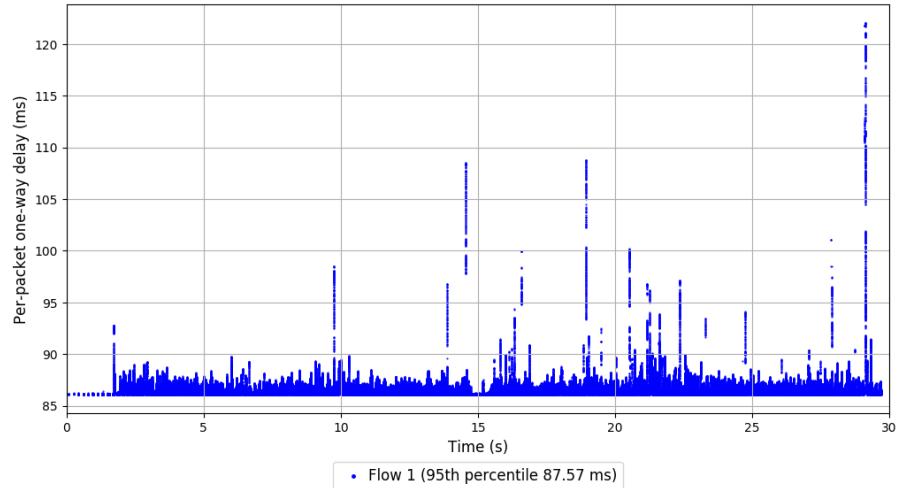
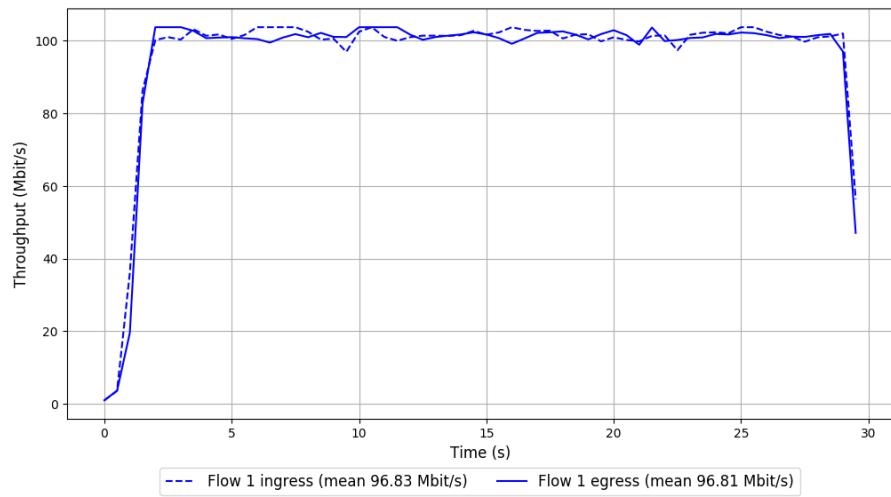


Run 3: Statistics of Indigo

```
Start at: 2017-09-03 01:40:31
End at: 2017-09-03 01:41:01
Local clock offset: 0.262 ms
Remote clock offset: -5.209 ms

# Below is generated by plot.py at 2017-09-03 08:12:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 87.569 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 87.569 ms
Loss rate: 0.59%
```

Run 3: Report of Indigo — Data Link

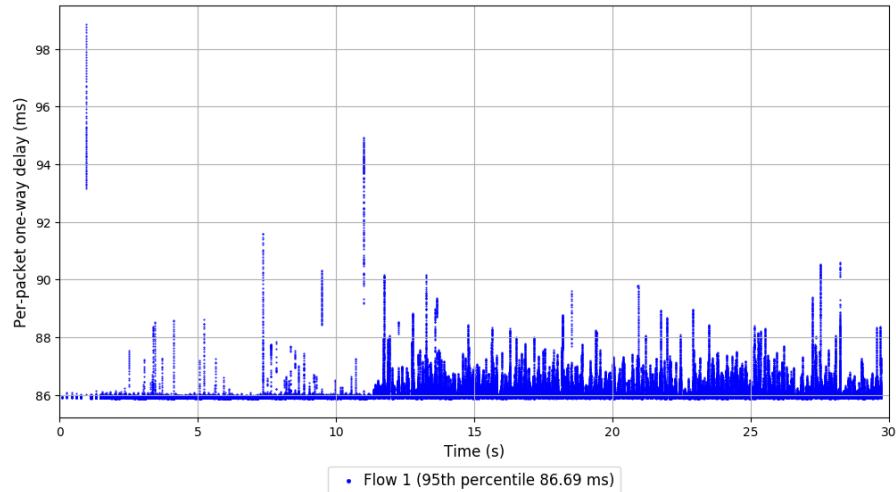
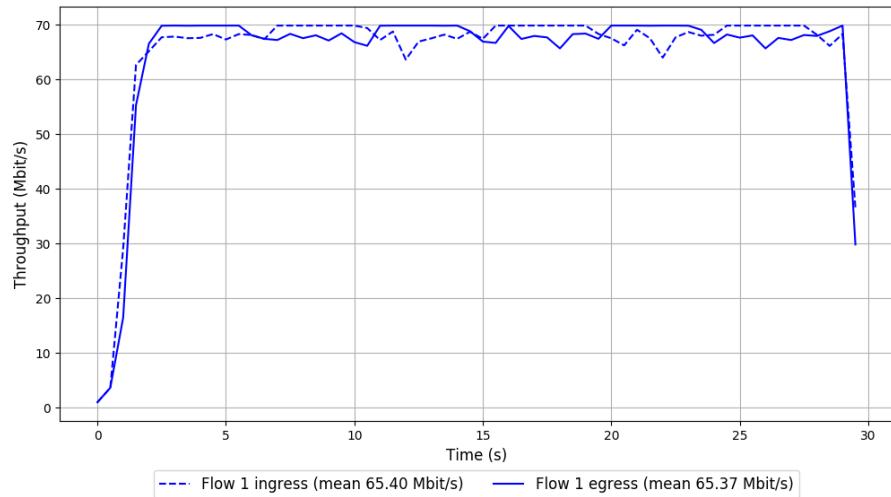


Run 4: Statistics of Indigo

```
Start at: 2017-09-03 02:00:07
End at: 2017-09-03 02:00:37
Local clock offset: 0.203 ms
Remote clock offset: -5.421 ms

# Below is generated by plot.py at 2017-09-03 08:12:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.37 Mbit/s
95th percentile per-packet one-way delay: 86.690 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 65.37 Mbit/s
95th percentile per-packet one-way delay: 86.690 ms
Loss rate: 0.60%
```

## Run 4: Report of Indigo — Data Link

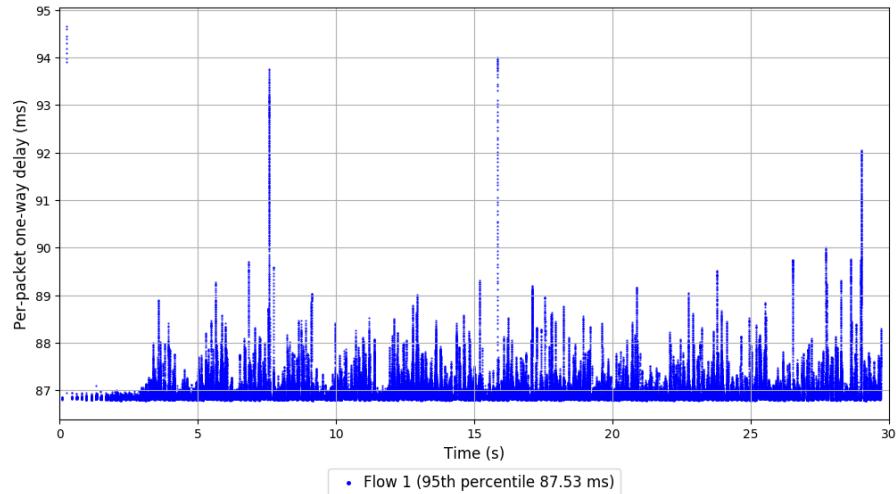
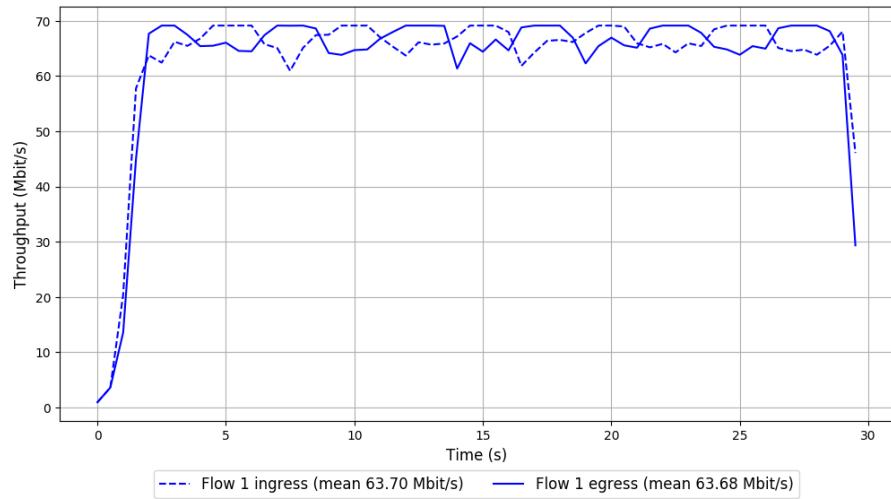


Run 5: Statistics of Indigo

```
Start at: 2017-09-03 02:19:22
End at: 2017-09-03 02:19:52
Local clock offset: 0.169 ms
Remote clock offset: -4.698 ms

# Below is generated by plot.py at 2017-09-03 08:12:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.68 Mbit/s
95th percentile per-packet one-way delay: 87.526 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 63.68 Mbit/s
95th percentile per-packet one-way delay: 87.526 ms
Loss rate: 0.62%
```

## Run 5: Report of Indigo — Data Link

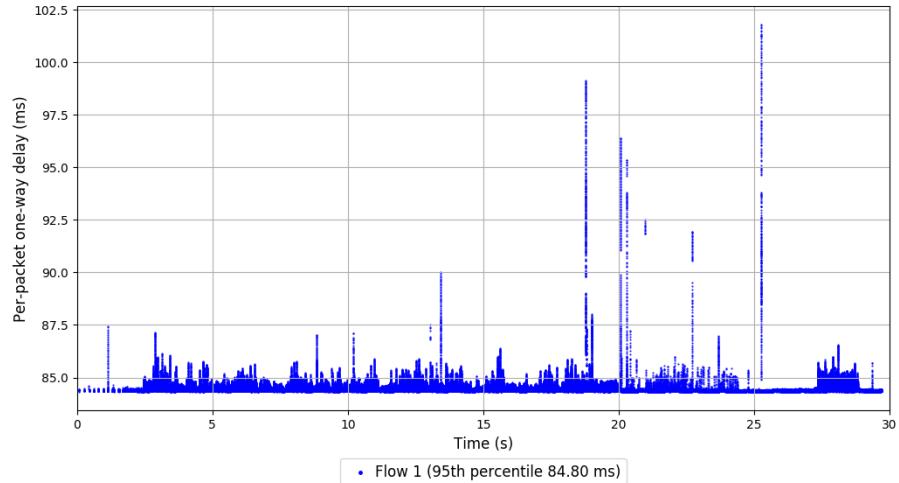
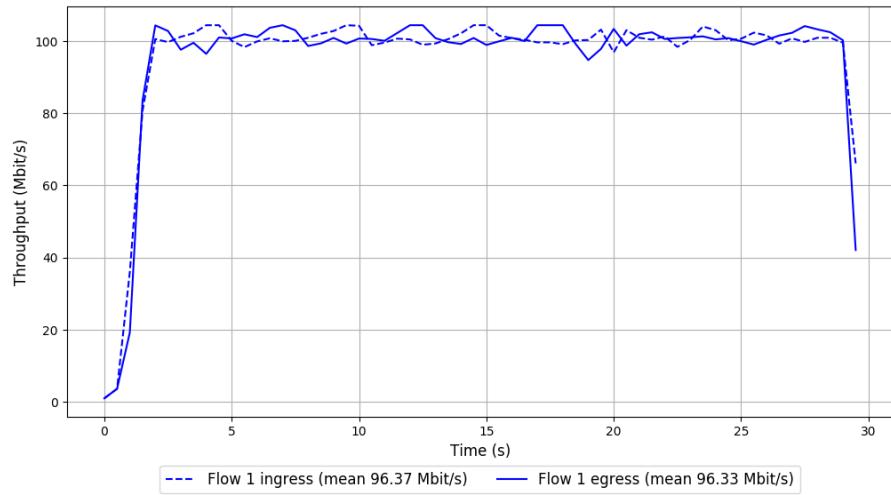


Run 6: Statistics of Indigo

```
Start at: 2017-09-03 02:38:39
End at: 2017-09-03 02:39:09
Local clock offset: 0.158 ms
Remote clock offset: -1.94 ms

# Below is generated by plot.py at 2017-09-03 08:12:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 84.798 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 84.798 ms
Loss rate: 0.61%
```

## Run 6: Report of Indigo — Data Link

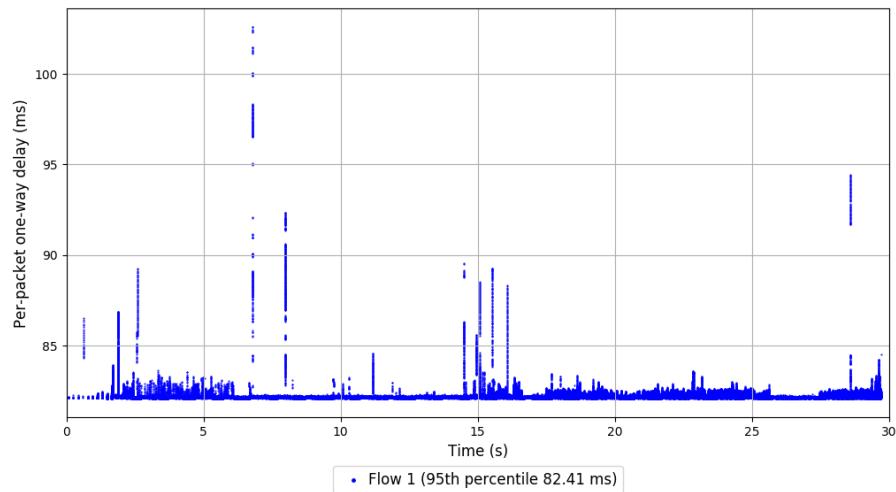
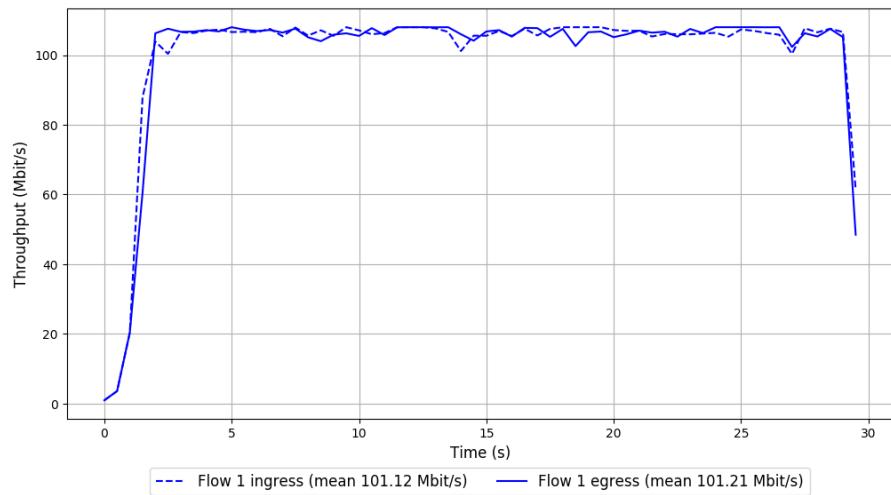


Run 7: Statistics of Indigo

```
Start at: 2017-09-03 02:57:57
End at: 2017-09-03 02:58:27
Local clock offset: 0.124 ms
Remote clock offset: -2.206 ms

# Below is generated by plot.py at 2017-09-03 08:13:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 101.21 Mbit/s
95th percentile per-packet one-way delay: 82.408 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 101.21 Mbit/s
95th percentile per-packet one-way delay: 82.408 ms
Loss rate: 0.47%
```

## Run 7: Report of Indigo — Data Link

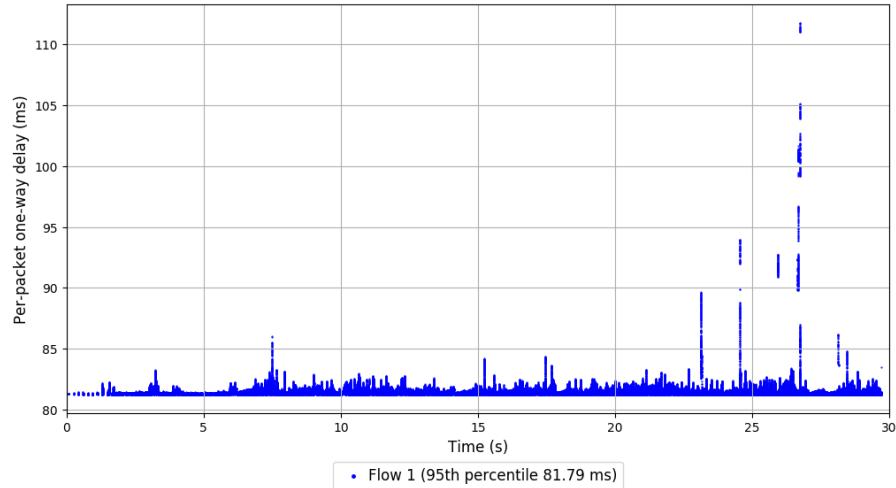
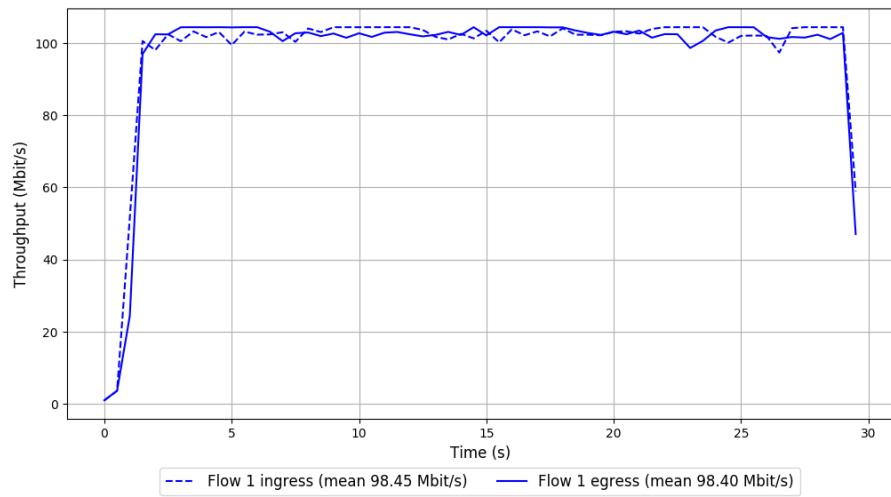


Run 8: Statistics of Indigo

```
Start at: 2017-09-03 03:17:26
End at: 2017-09-03 03:17:56
Local clock offset: 0.129 ms
Remote clock offset: -1.684 ms

# Below is generated by plot.py at 2017-09-03 08:13:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 98.40 Mbit/s
95th percentile per-packet one-way delay: 81.787 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 98.40 Mbit/s
95th percentile per-packet one-way delay: 81.787 ms
Loss rate: 0.60%
```

Run 8: Report of Indigo — Data Link

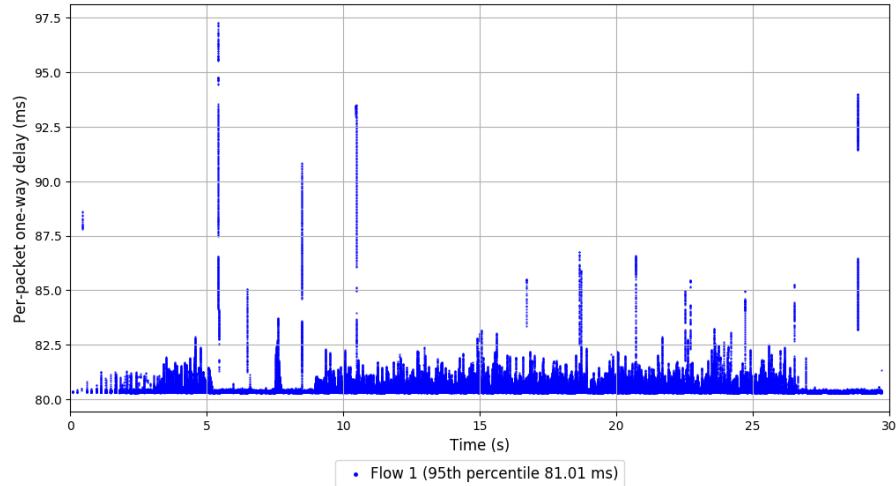
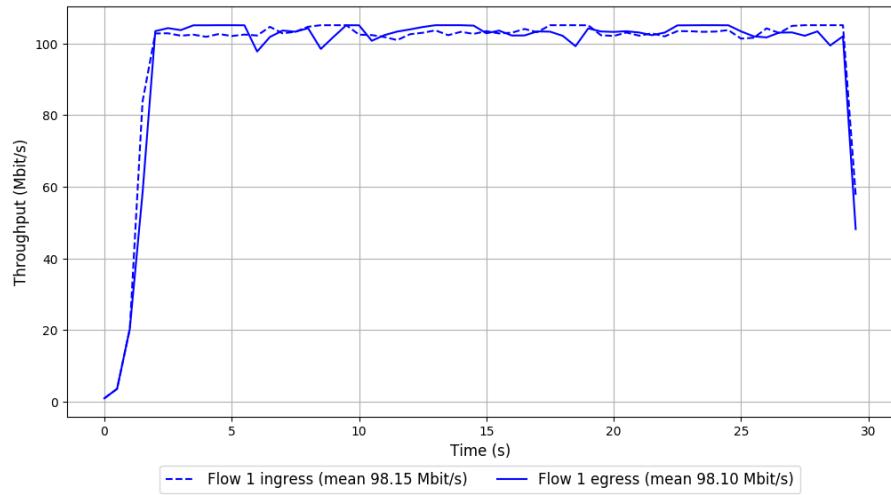


Run 9: Statistics of Indigo

```
Start at: 2017-09-03 03:37:00
End at: 2017-09-03 03:37:30
Local clock offset: 0.257 ms
Remote clock offset: -1.025 ms

# Below is generated by plot.py at 2017-09-03 08:13:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 98.10 Mbit/s
95th percentile per-packet one-way delay: 81.014 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 98.10 Mbit/s
95th percentile per-packet one-way delay: 81.014 ms
Loss rate: 0.61%
```

Run 9: Report of Indigo — Data Link

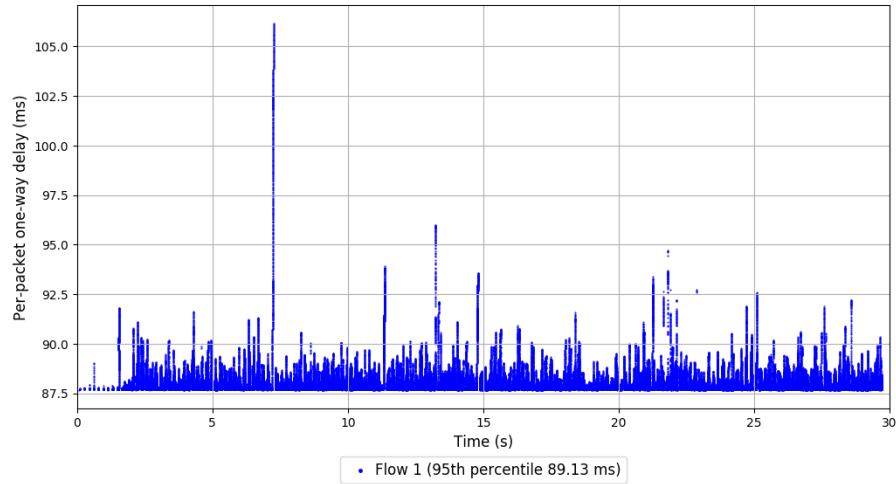
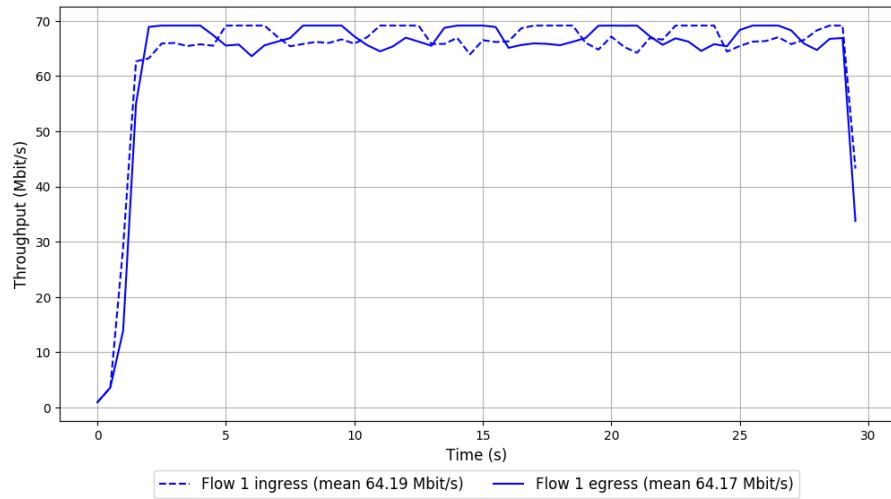


Run 10: Statistics of Indigo

```
Start at: 2017-09-03 03:56:26
End at: 2017-09-03 03:56:56
Local clock offset: 0.295 ms
Remote clock offset: -7.129 ms

# Below is generated by plot.py at 2017-09-03 08:13:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.17 Mbit/s
95th percentile per-packet one-way delay: 89.132 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 64.17 Mbit/s
95th percentile per-packet one-way delay: 89.132 ms
Loss rate: 0.60%
```

## Run 10: Report of Indigo — Data Link

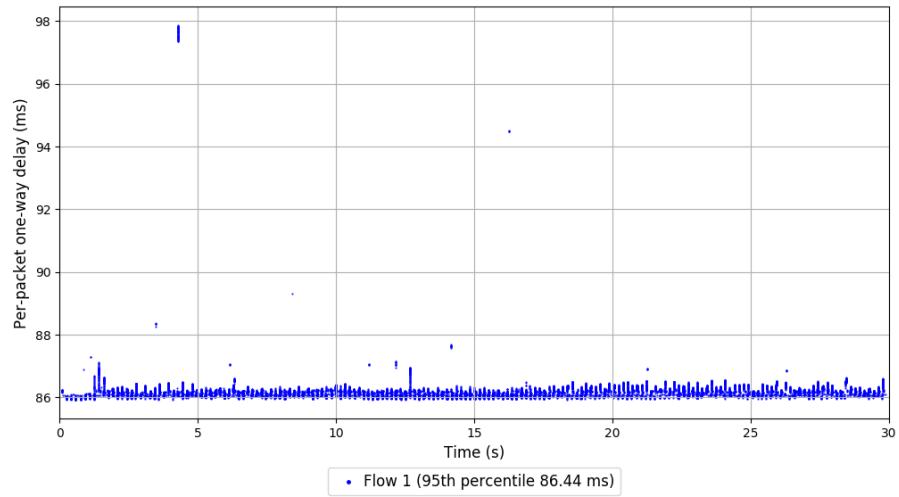
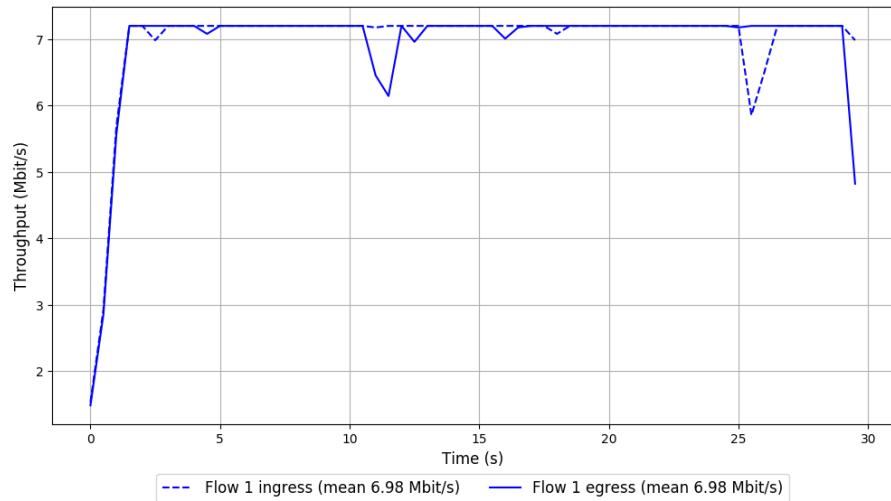


Run 1: Statistics of KohoCC

```
Start at: 2017-09-03 00:59:16
End at: 2017-09-03 00:59:46
Local clock offset: 0.304 ms
Remote clock offset: -5.633 ms

# Below is generated by plot.py at 2017-09-03 08:13:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 86.435 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 86.435 ms
Loss rate: 0.57%
```

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

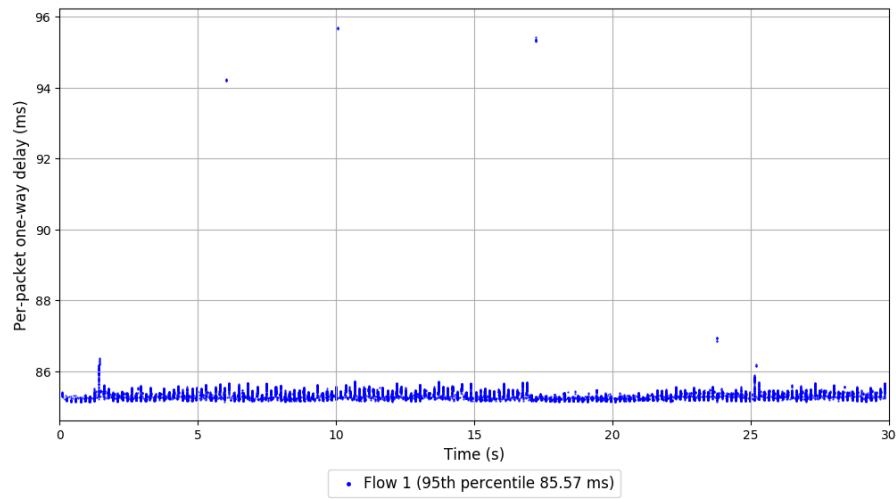
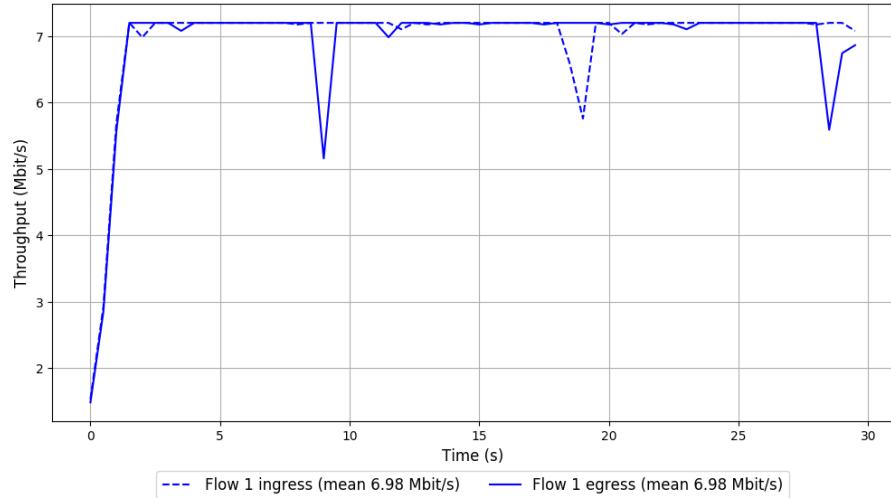


Run 2: Statistics of KohoCC

```
Start at: 2017-09-03 01:18:21
End at: 2017-09-03 01:18:51
Local clock offset: 0.27 ms
Remote clock offset: -4.392 ms

# Below is generated by plot.py at 2017-09-03 08:13:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 85.571 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 85.571 ms
Loss rate: 0.59%
```

## Run 2: Report of KohoCC — Data Link

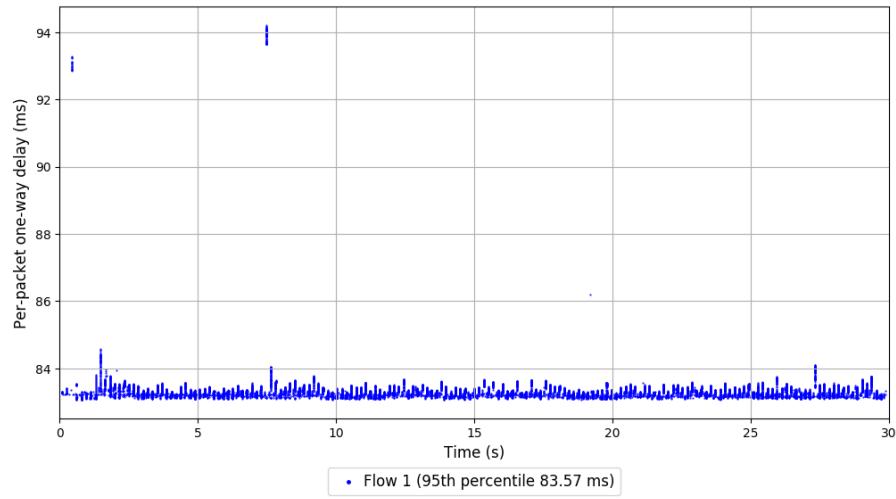
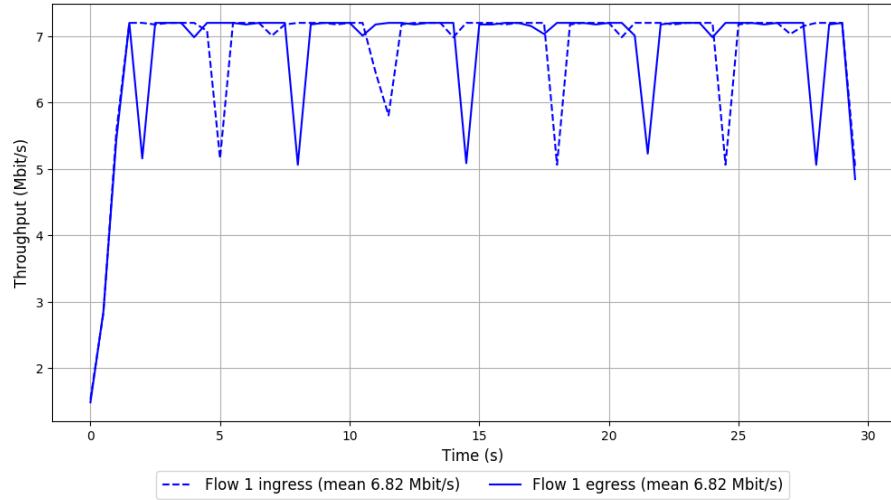


Run 3: Statistics of KohoCC

```
Start at: 2017-09-03 01:38:01
End at: 2017-09-03 01:38:31
Local clock offset: 0.259 ms
Remote clock offset: -0.363 ms

# Below is generated by plot.py at 2017-09-03 08:13:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 83.567 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 83.567 ms
Loss rate: 0.59%
```

Run 3: Report of KohoCC — Data Link

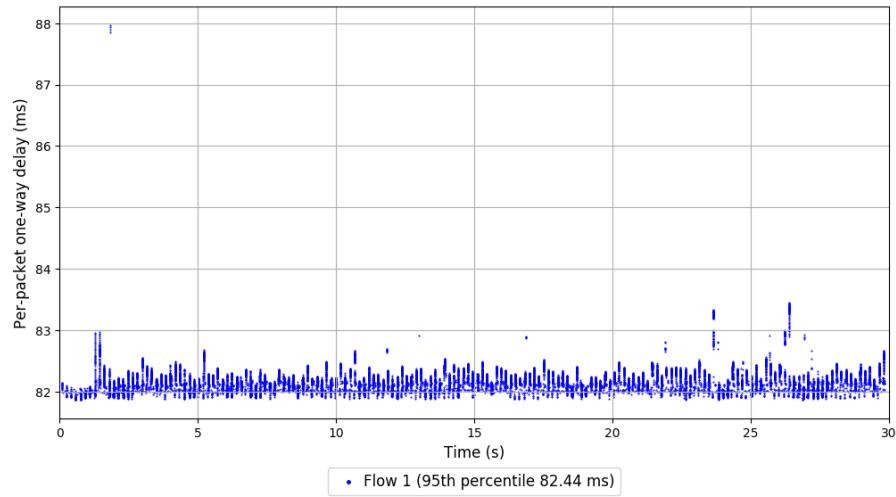
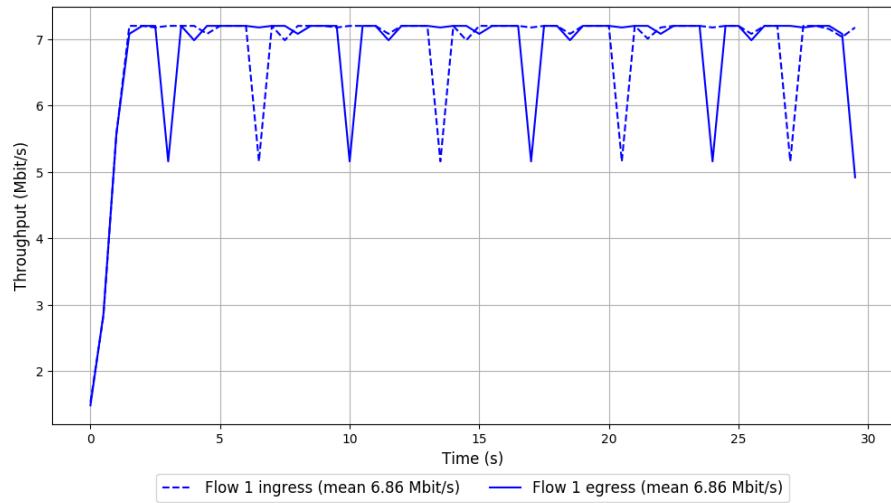


Run 4: Statistics of KohoCC

```
Start at: 2017-09-03 01:57:36
End at: 2017-09-03 01:58:06
Local clock offset: 0.256 ms
Remote clock offset: 0.478 ms

# Below is generated by plot.py at 2017-09-03 08:13:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.86 Mbit/s
95th percentile per-packet one-way delay: 82.440 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 6.86 Mbit/s
95th percentile per-packet one-way delay: 82.440 ms
Loss rate: 0.58%
```

Run 4: Report of KohoCC — Data Link

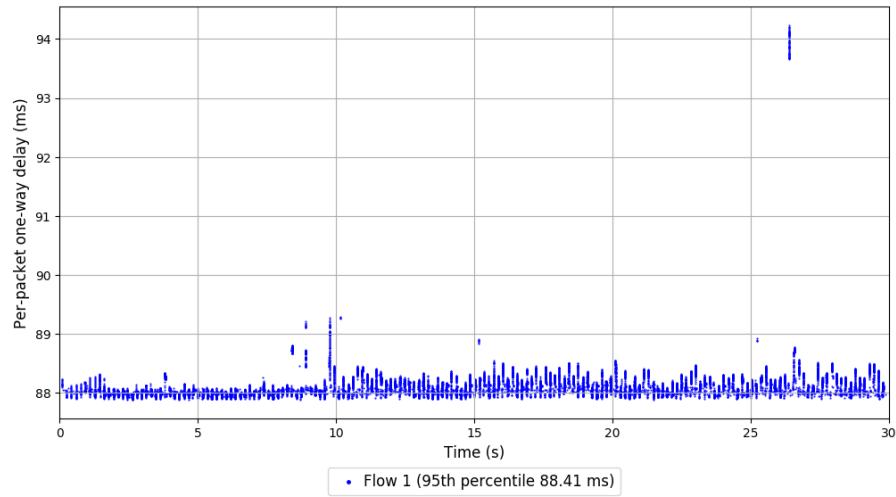
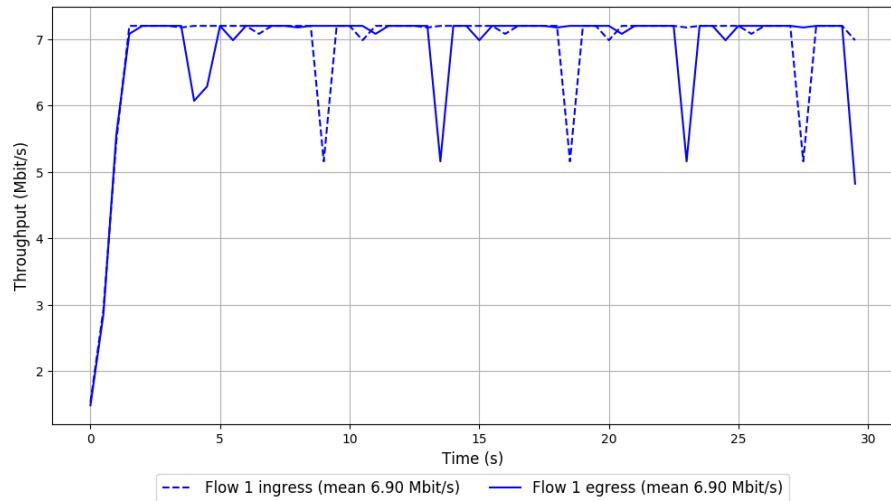


Run 5: Statistics of KohoCC

```
Start at: 2017-09-03 02:16:53
End at: 2017-09-03 02:17:23
Local clock offset: 0.181 ms
Remote clock offset: -5.543 ms

# Below is generated by plot.py at 2017-09-03 08:13:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 88.409 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 88.409 ms
Loss rate: 0.58%
```

Run 5: Report of KohoCC — Data Link

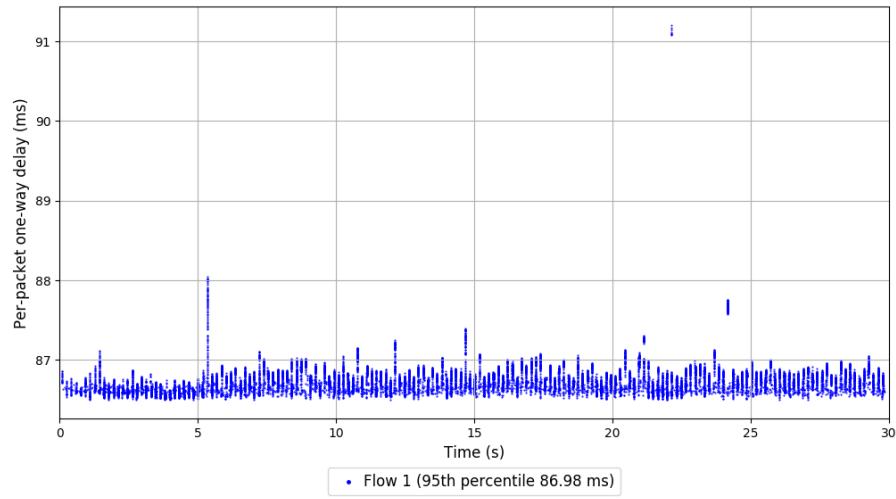
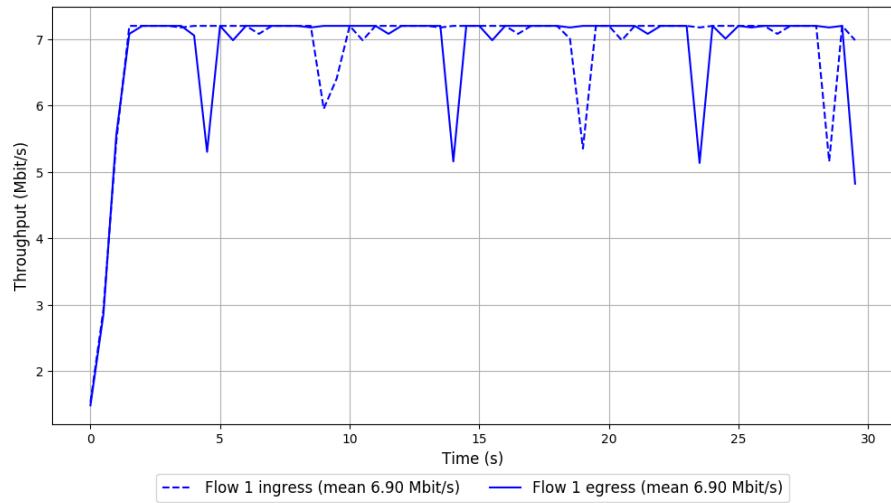


Run 6: Statistics of KohoCC

```
Start at: 2017-09-03 02:36:11
End at: 2017-09-03 02:36:41
Local clock offset: 0.162 ms
Remote clock offset: -5.858 ms

# Below is generated by plot.py at 2017-09-03 08:13:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 86.980 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 86.980 ms
Loss rate: 0.59%
```

Run 6: Report of KohoCC — Data Link

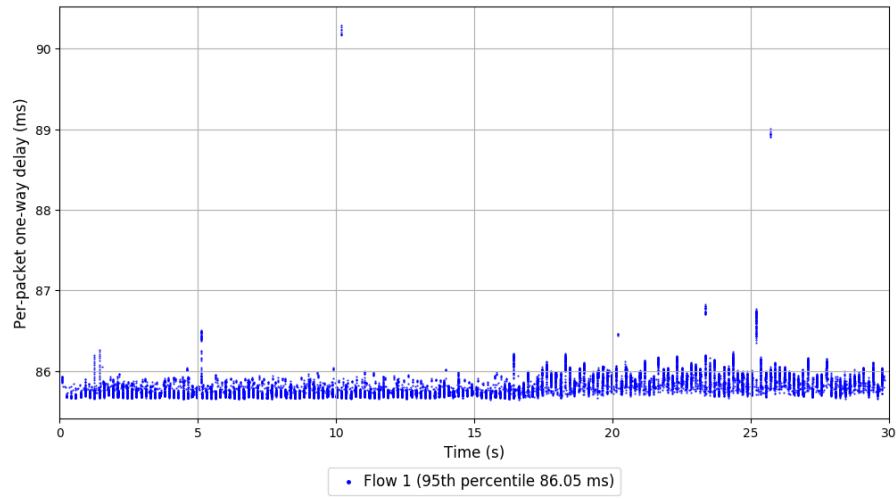
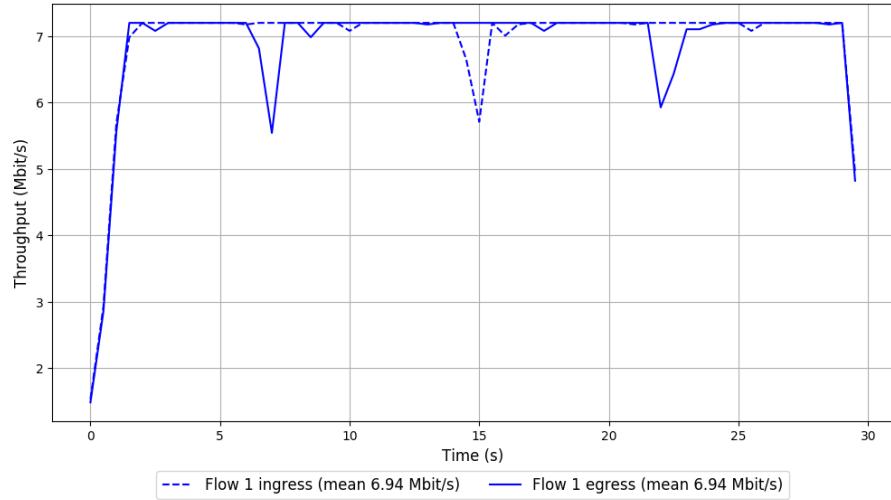


Run 7: Statistics of KohoCC

```
Start at: 2017-09-03 02:55:28
End at: 2017-09-03 02:55:58
Local clock offset: 0.195 ms
Remote clock offset: -5.23 ms

# Below is generated by plot.py at 2017-09-03 08:13:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 86.051 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 86.051 ms
Loss rate: 0.58%
```

Run 7: Report of KohoCC — Data Link

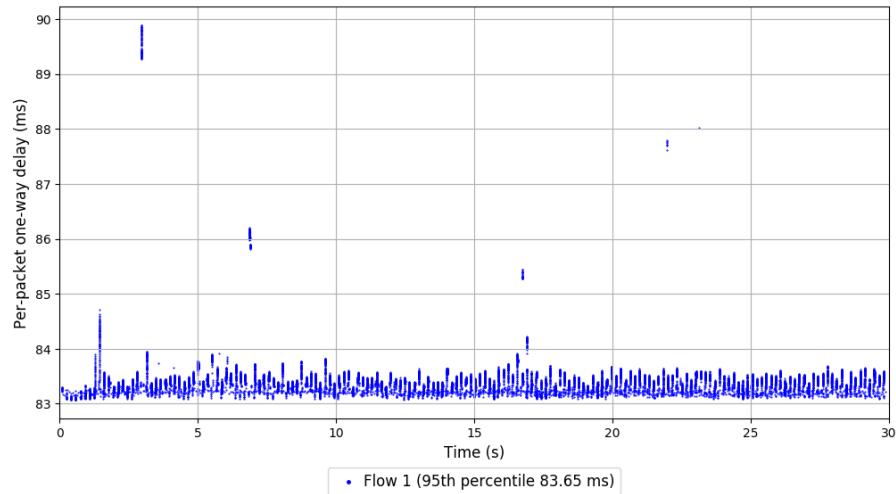
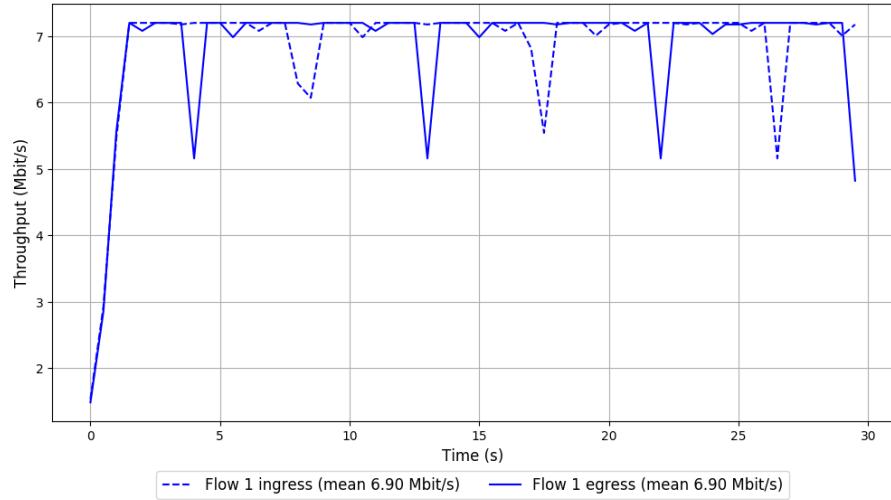


Run 8: Statistics of KohoCC

```
Start at: 2017-09-03 03:14:56
End at: 2017-09-03 03:15:26
Local clock offset: 0.163 ms
Remote clock offset: -1.601 ms

# Below is generated by plot.py at 2017-09-03 08:13:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 83.654 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 83.654 ms
Loss rate: 0.58%
```

Run 8: Report of KohoCC — Data Link

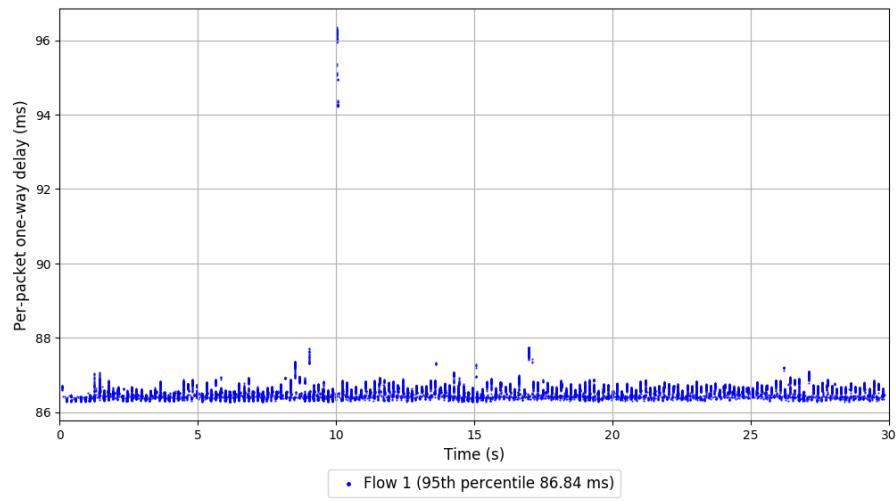
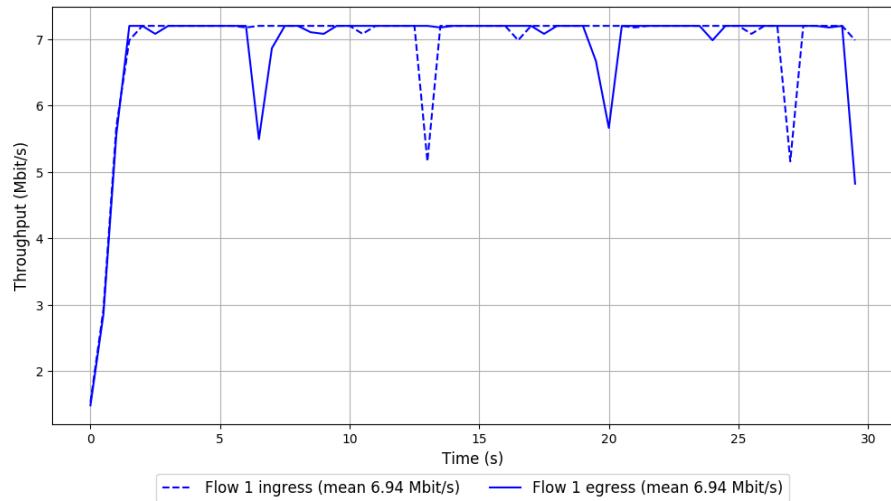


Run 9: Statistics of KohoCC

```
Start at: 2017-09-03 03:34:27
End at: 2017-09-03 03:34:57
Local clock offset: 0.208 ms
Remote clock offset: -6.758 ms

# Below is generated by plot.py at 2017-09-03 08:13:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 86.836 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 86.836 ms
Loss rate: 0.58%
```

Run 9: Report of KohoCC — Data Link

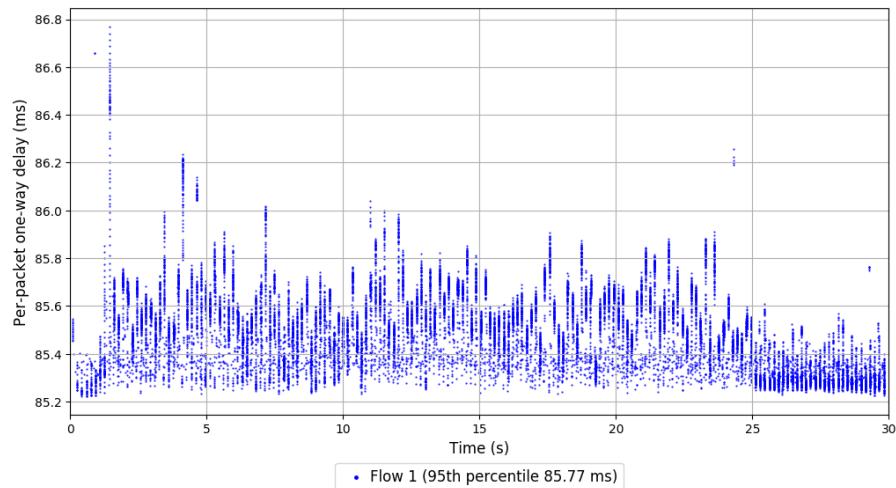
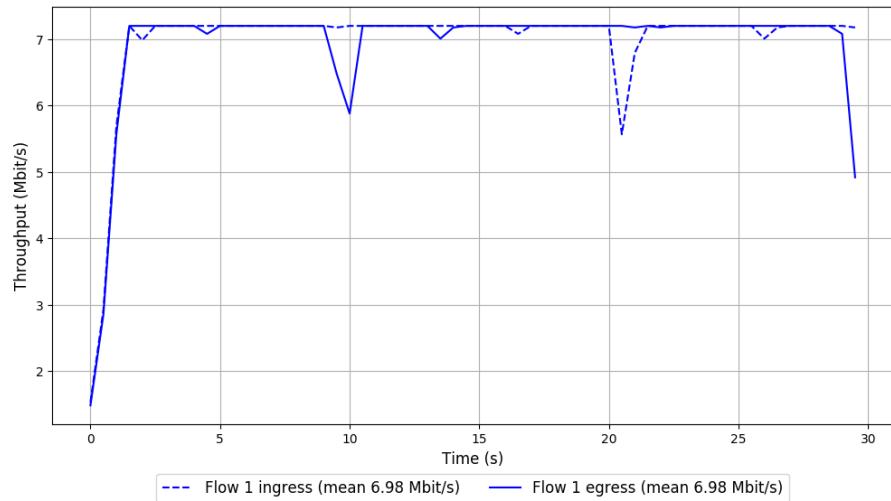


Run 10: Statistics of KohoCC

```
Start at: 2017-09-03 03:53:57
End at: 2017-09-03 03:54:27
Local clock offset: 0.277 ms
Remote clock offset: -6.197 ms

# Below is generated by plot.py at 2017-09-03 08:13:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 85.773 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 85.773 ms
Loss rate: 0.58%
```

Run 10: Report of KohoCC — Data Link

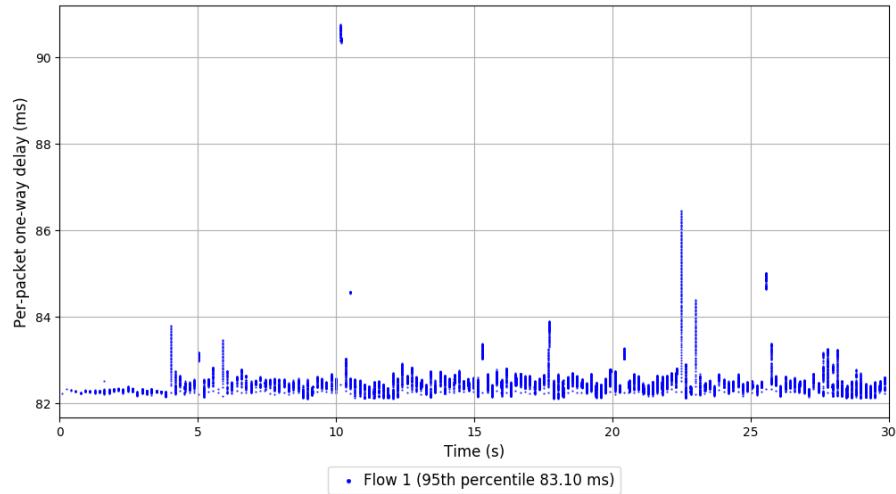
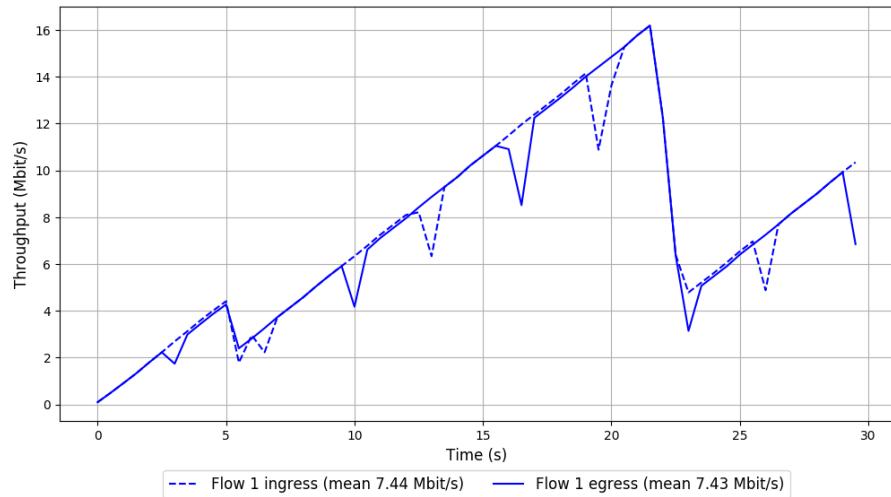


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2017-09-03 00:58:05
End at: 2017-09-03 00:58:35
Local clock offset: 0.214 ms
Remote clock offset: 0.097 ms

# Below is generated by plot.py at 2017-09-03 08:13:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.43 Mbit/s
95th percentile per-packet one-way delay: 83.103 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 7.43 Mbit/s
95th percentile per-packet one-way delay: 83.103 ms
Loss rate: 0.80%
```

Run 1: Report of LEDBAT — Data Link

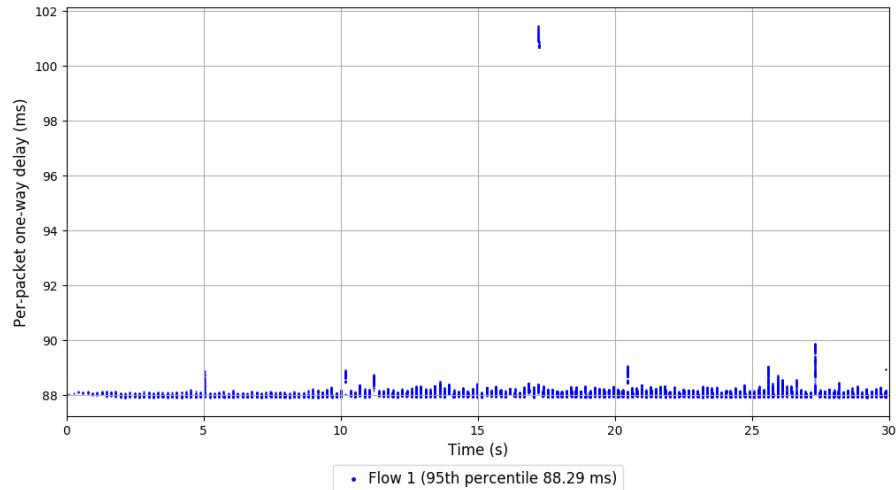
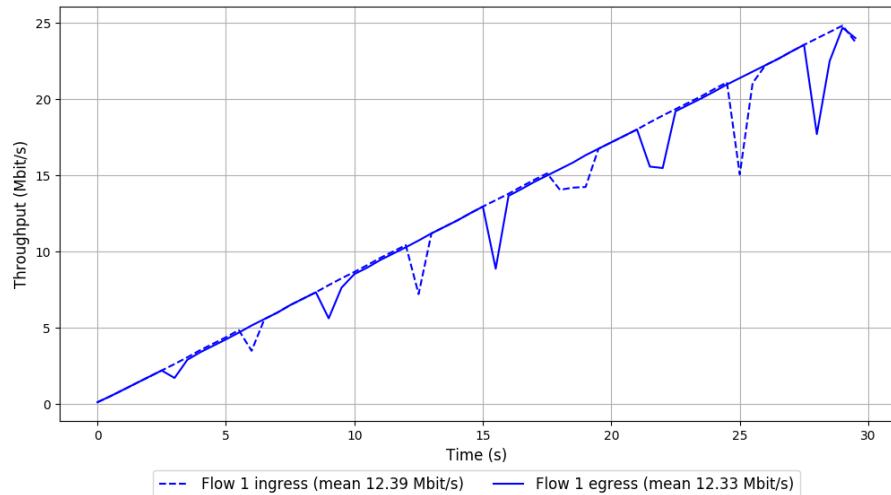


Run 2: Statistics of LEDBAT

```
Start at: 2017-09-03 01:17:10
End at: 2017-09-03 01:17:40
Local clock offset: 0.272 ms
Remote clock offset: -5.402 ms

# Below is generated by plot.py at 2017-09-03 08:13:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 88.291 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 88.291 ms
Loss rate: 1.09%
```

## Run 2: Report of LEDBAT — Data Link

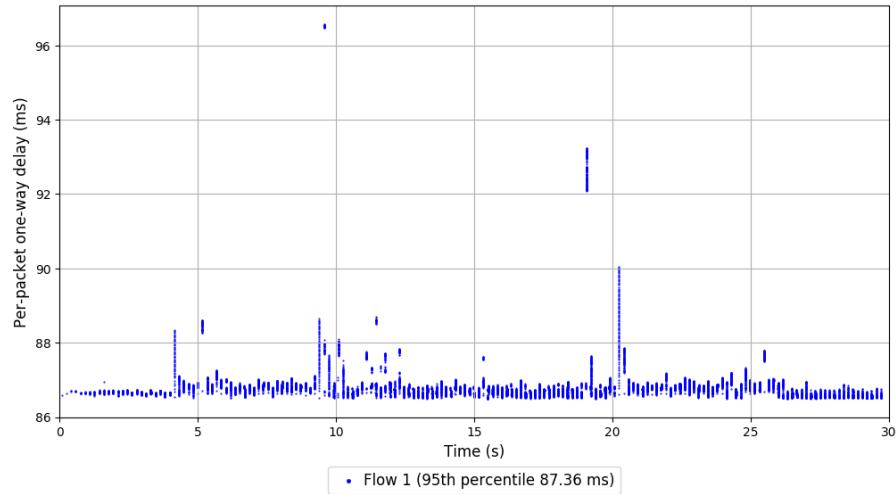
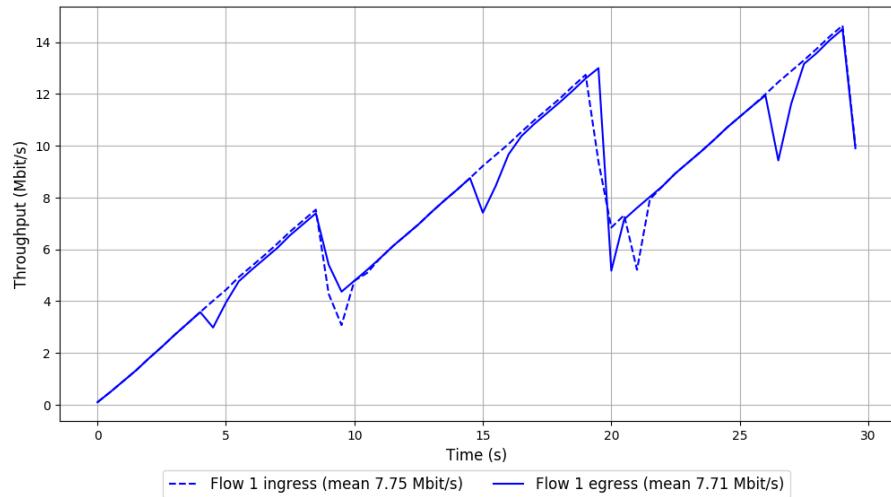


Run 3: Statistics of LEDBAT

```
Start at: 2017-09-03 01:36:50
End at: 2017-09-03 01:37:20
Local clock offset: 0.272 ms
Remote clock offset: -5.191 ms

# Below is generated by plot.py at 2017-09-03 08:13:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.71 Mbit/s
95th percentile per-packet one-way delay: 87.365 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 7.71 Mbit/s
95th percentile per-packet one-way delay: 87.365 ms
Loss rate: 1.10%
```

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

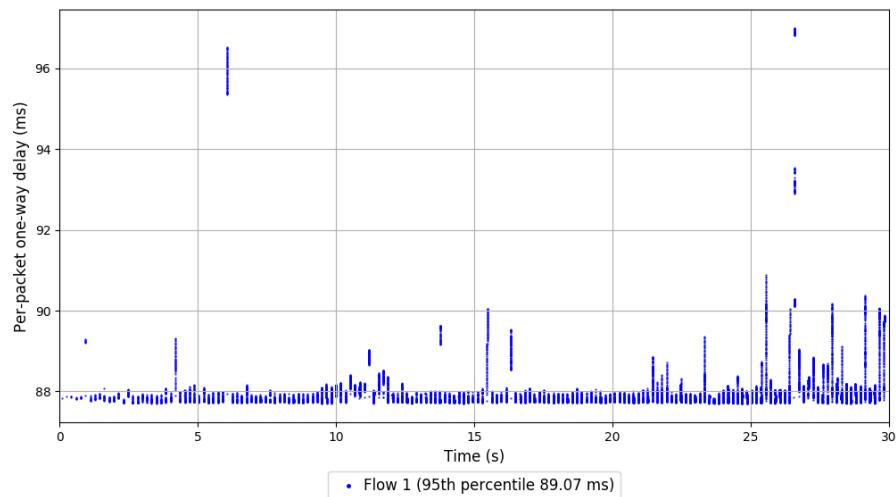
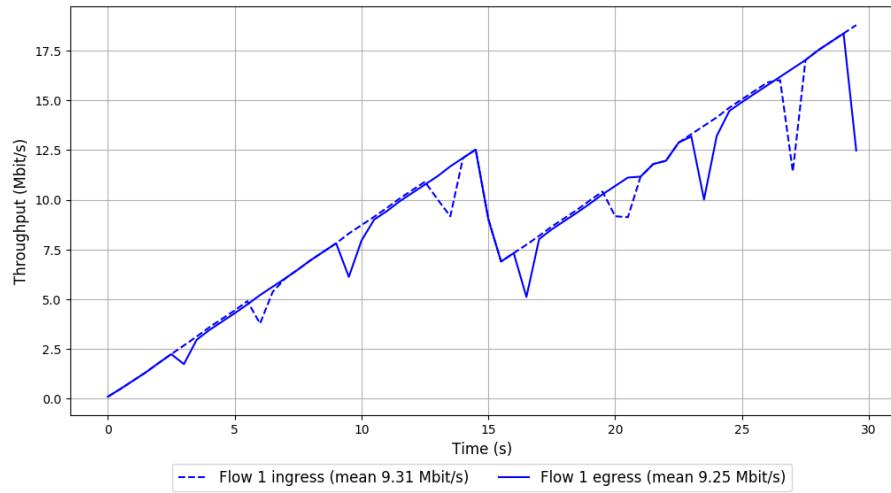


Run 4: Statistics of LEDBAT

```
Start at: 2017-09-03 01:56:25
End at: 2017-09-03 01:56:55
Local clock offset: 0.262 ms
Remote clock offset: -5.335 ms

# Below is generated by plot.py at 2017-09-03 08:13:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.25 Mbit/s
95th percentile per-packet one-way delay: 89.066 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 9.25 Mbit/s
95th percentile per-packet one-way delay: 89.066 ms
Loss rate: 1.14%
```

Run 4: Report of LEDBAT — Data Link

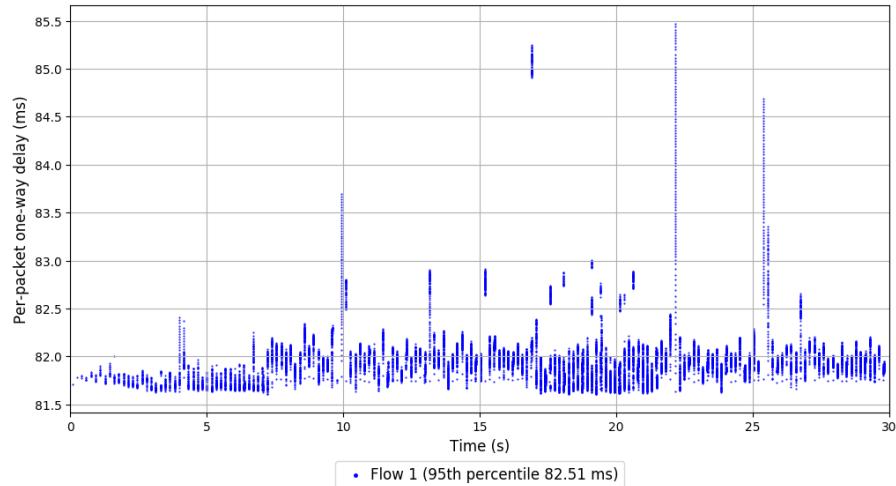
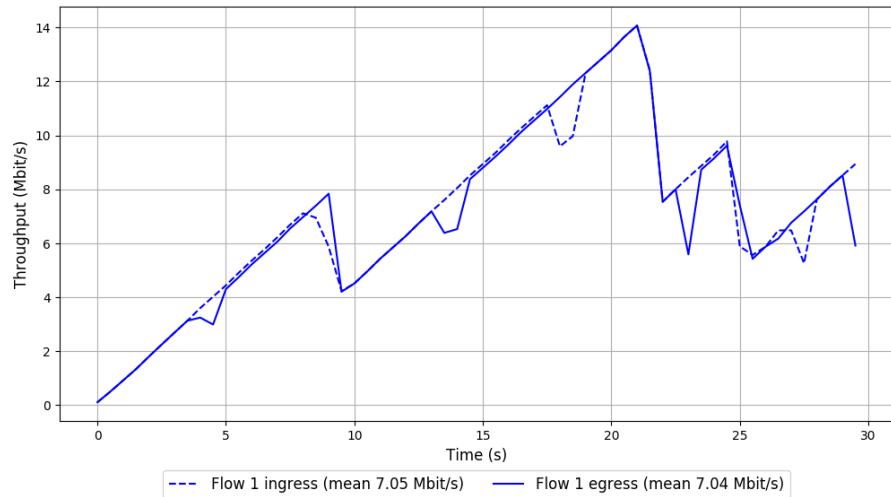


Run 5: Statistics of LEDBAT

```
Start at: 2017-09-03 02:15:42
End at: 2017-09-03 02:16:12
Local clock offset: 0.165 ms
Remote clock offset: -0.667 ms

# Below is generated by plot.py at 2017-09-03 08:13:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 82.511 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 82.511 ms
Loss rate: 0.73%
```

Run 5: Report of LEDBAT — Data Link

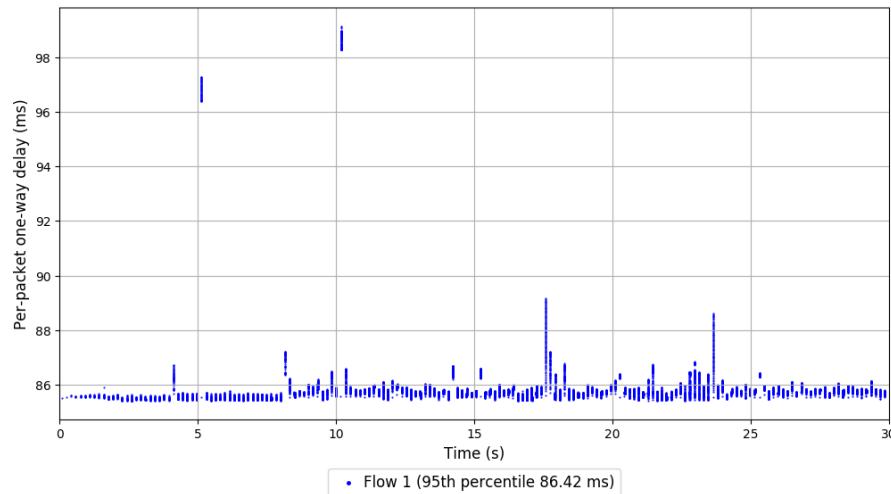
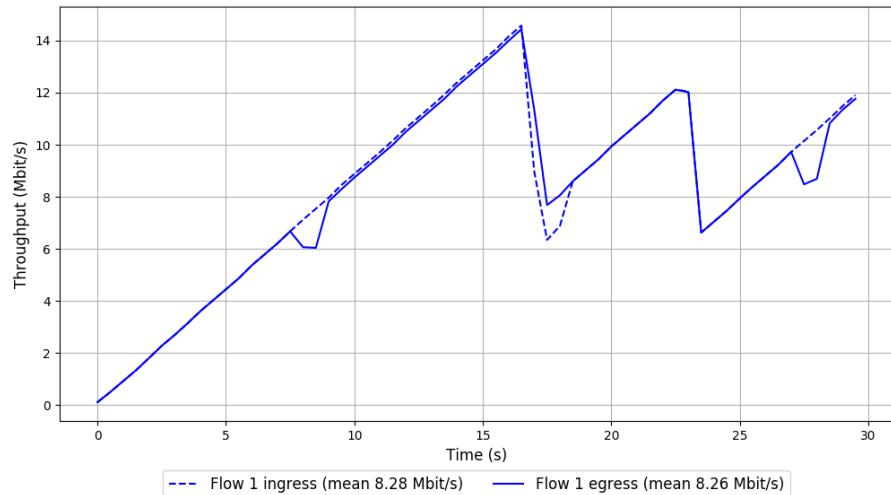


Run 6: Statistics of LEDBAT

```
Start at: 2017-09-03 02:35:00
End at: 2017-09-03 02:35:30
Local clock offset: 0.191 ms
Remote clock offset: -4.933 ms

# Below is generated by plot.py at 2017-09-03 08:13:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.26 Mbit/s
95th percentile per-packet one-way delay: 86.423 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 8.26 Mbit/s
95th percentile per-packet one-way delay: 86.423 ms
Loss rate: 0.82%
```

Run 6: Report of LEDBAT — Data Link

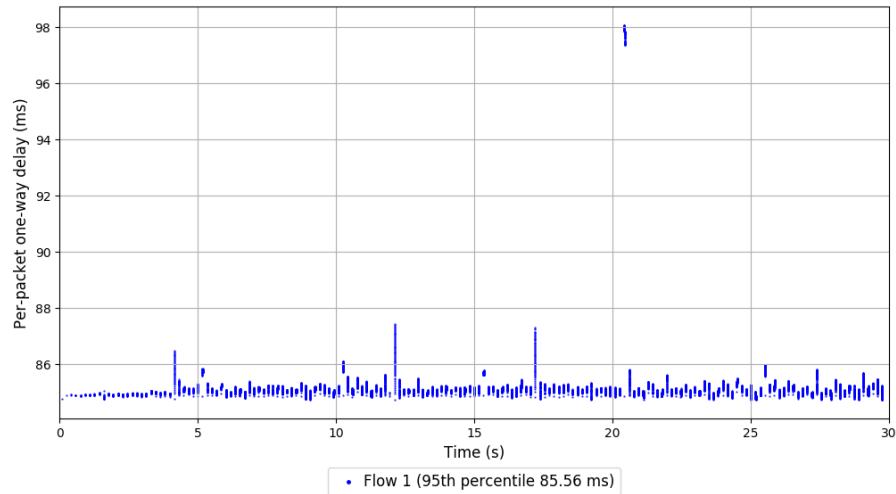
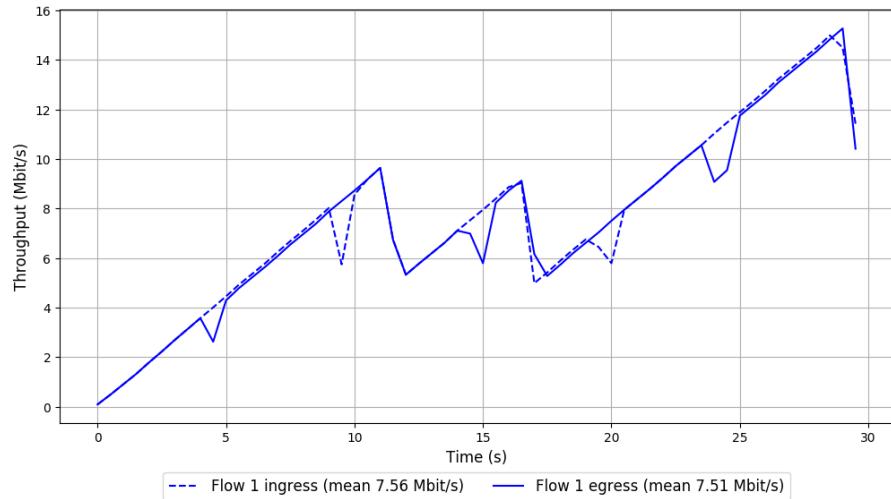


Run 7: Statistics of LEDBAT

```
Start at: 2017-09-03 02:54:18
End at: 2017-09-03 02:54:48
Local clock offset: 0.118 ms
Remote clock offset: -5.195 ms

# Below is generated by plot.py at 2017-09-03 08:13:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.51 Mbit/s
95th percentile per-packet one-way delay: 85.563 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 7.51 Mbit/s
95th percentile per-packet one-way delay: 85.563 ms
Loss rate: 1.18%
```

## Run 7: Report of LEDBAT — Data Link

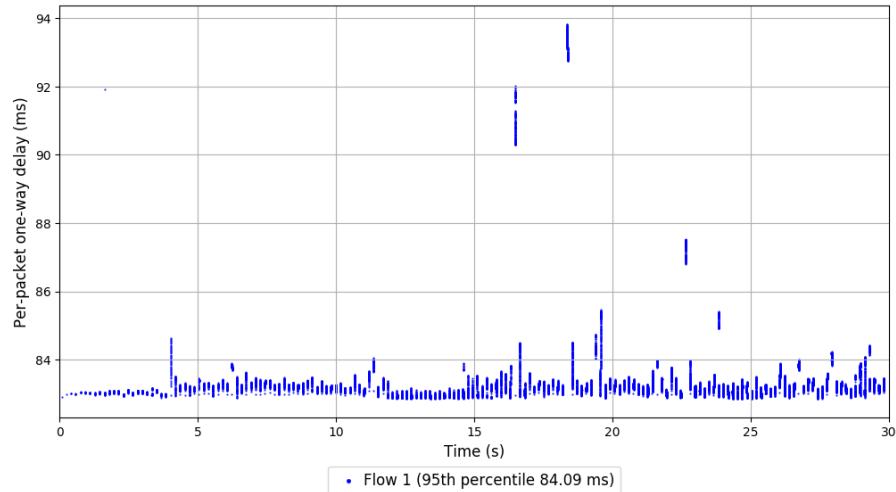
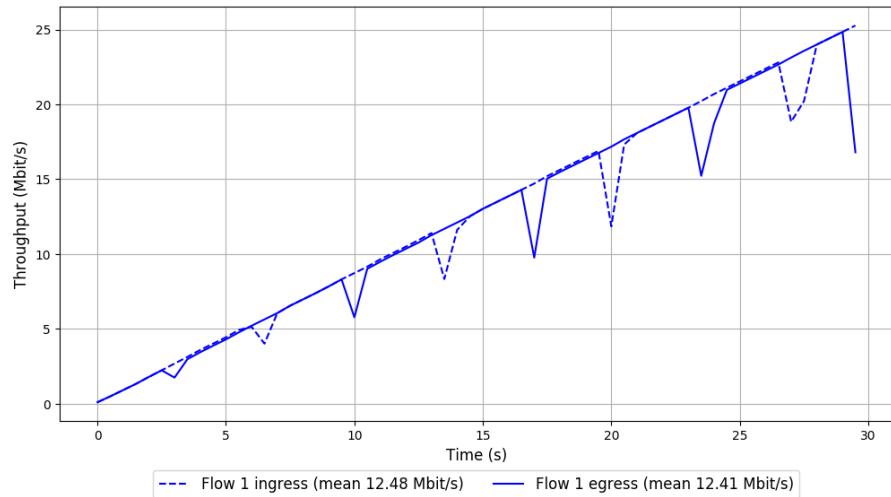


Run 8: Statistics of LEDBAT

```
Start at: 2017-09-03 03:13:45
End at: 2017-09-03 03:14:15
Local clock offset: 0.17 ms
Remote clock offset: -1.609 ms

# Below is generated by plot.py at 2017-09-03 08:13:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.41 Mbit/s
95th percentile per-packet one-way delay: 84.087 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 12.41 Mbit/s
95th percentile per-packet one-way delay: 84.087 ms
Loss rate: 1.13%
```

Run 8: Report of LEDBAT — Data Link

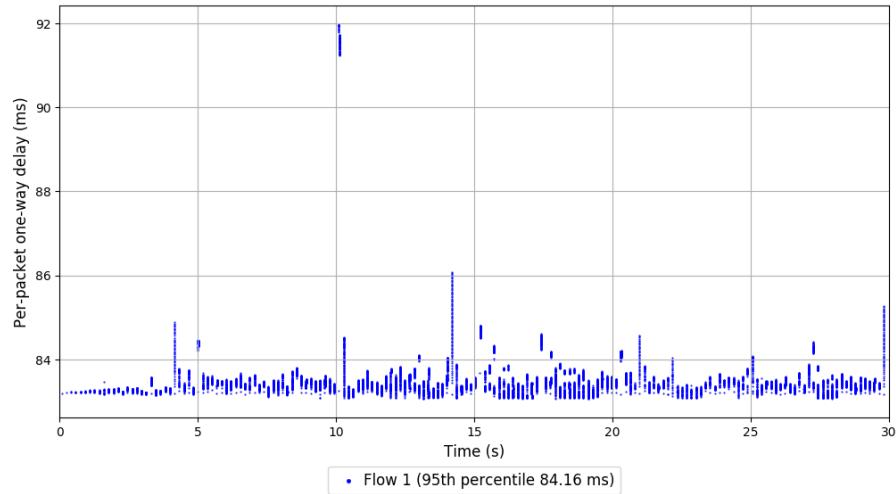
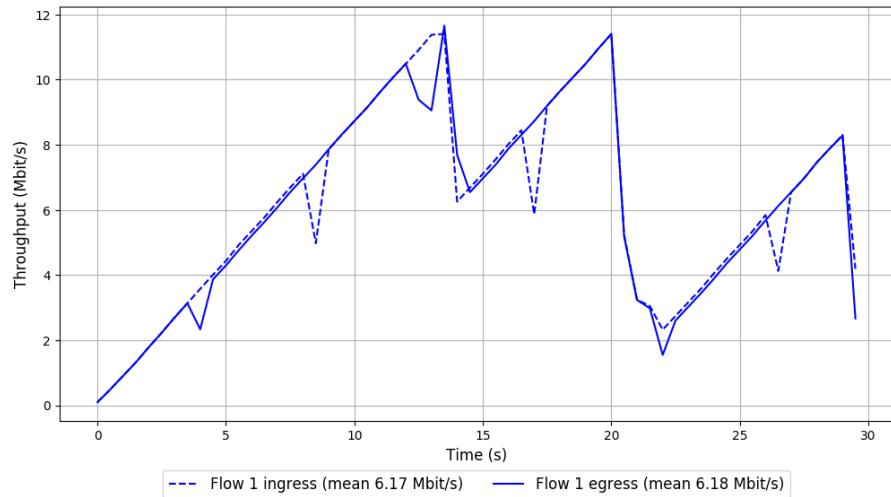


Run 9: Statistics of LEDBAT

```
Start at: 2017-09-03 03:33:16
End at: 2017-09-03 03:33:46
Local clock offset: 0.249 ms
Remote clock offset: -1.91 ms

# Below is generated by plot.py at 2017-09-03 08:13:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.18 Mbit/s
95th percentile per-packet one-way delay: 84.157 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 6.18 Mbit/s
95th percentile per-packet one-way delay: 84.157 ms
Loss rate: 0.45%
```

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

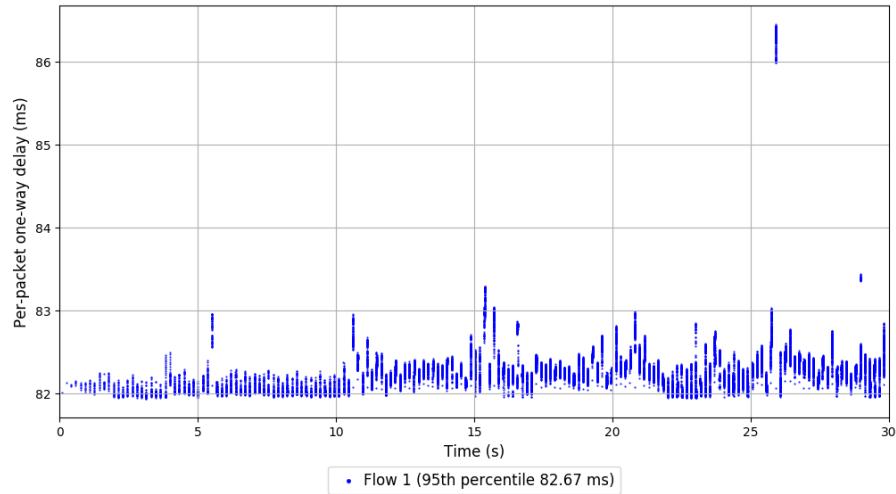
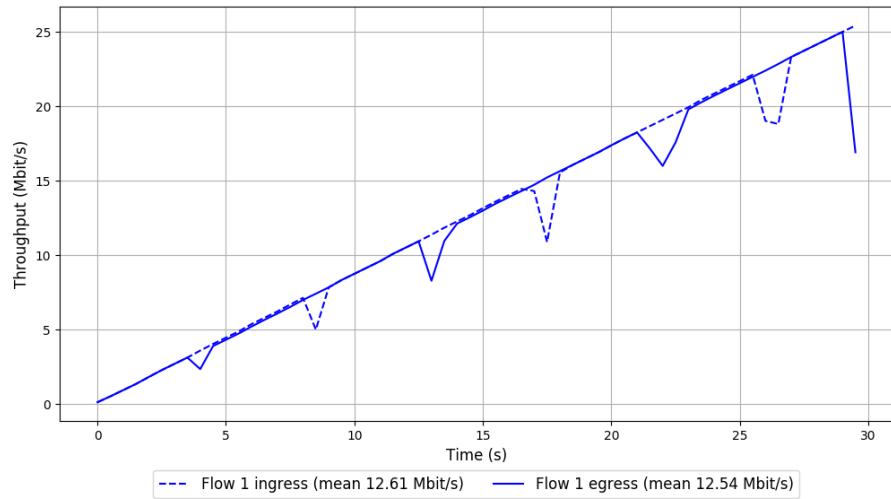


Run 10: Statistics of LEDBAT

```
Start at: 2017-09-03 03:52:46
End at: 2017-09-03 03:53:16
Local clock offset: 0.262 ms
Remote clock offset: -1.349 ms

# Below is generated by plot.py at 2017-09-03 08:13:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.54 Mbit/s
95th percentile per-packet one-way delay: 82.671 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 12.54 Mbit/s
95th percentile per-packet one-way delay: 82.671 ms
Loss rate: 1.13%
```

Run 10: Report of LEDBAT — Data Link

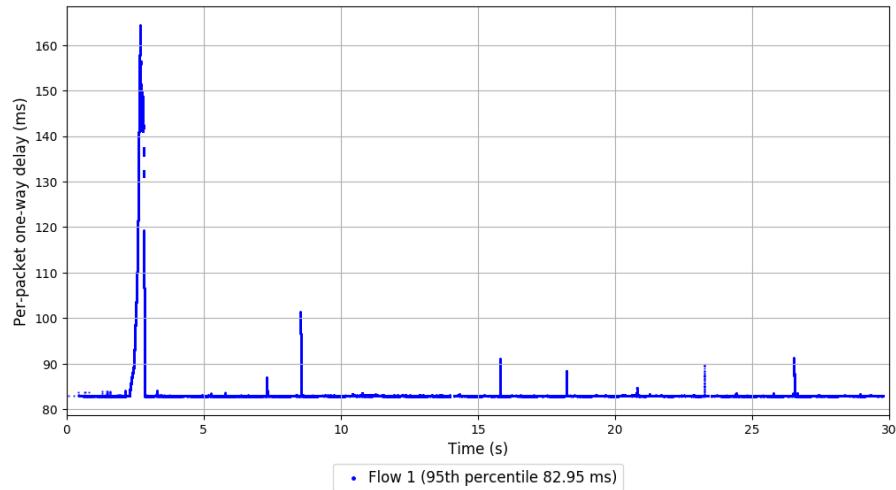
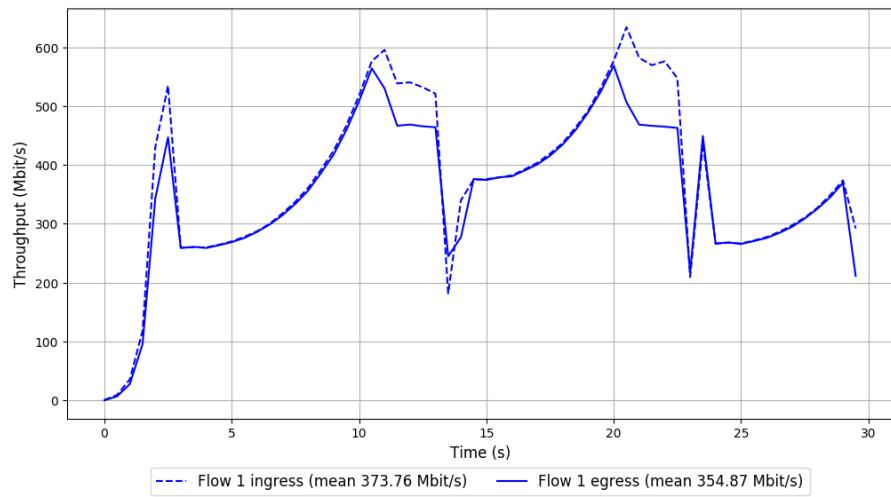


```
Run 1: Statistics of PCC
```

```
Start at: 2017-09-03 00:55:15
End at: 2017-09-03 00:55:45
Local clock offset: 0.3 ms
Remote clock offset: -0.835 ms

# Below is generated by plot.py at 2017-09-03 08:14:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 354.87 Mbit/s
95th percentile per-packet one-way delay: 82.952 ms
Loss rate: 5.61%
-- Flow 1:
Average throughput: 354.87 Mbit/s
95th percentile per-packet one-way delay: 82.952 ms
Loss rate: 5.61%
```

Run 1: Report of PCC — Data Link

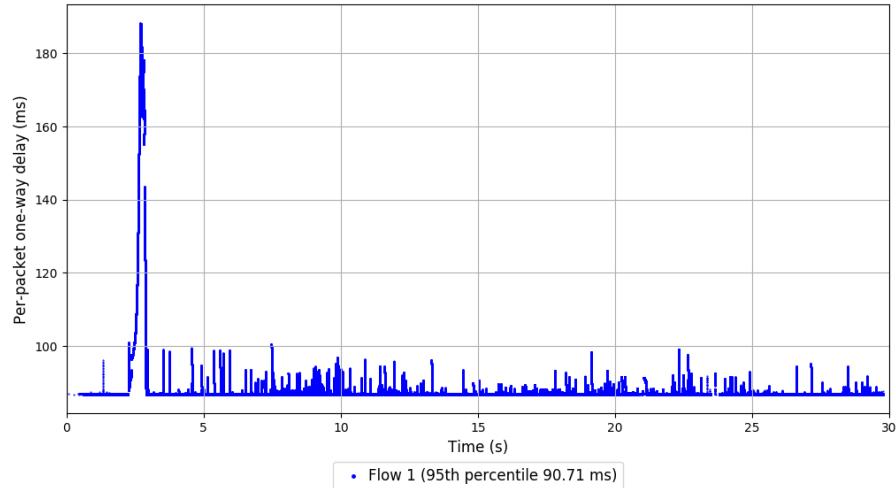
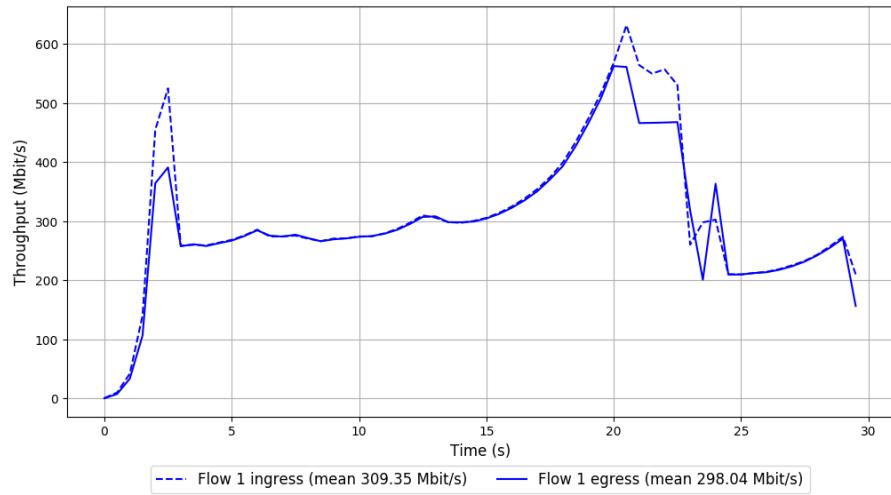


Run 2: Statistics of PCC

```
Start at: 2017-09-03 01:14:15
End at: 2017-09-03 01:14:45
Local clock offset: 0.191 ms
Remote clock offset: -4.536 ms

# Below is generated by plot.py at 2017-09-03 08:14:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 298.04 Mbit/s
95th percentile per-packet one-way delay: 90.712 ms
Loss rate: 4.20%
-- Flow 1:
Average throughput: 298.04 Mbit/s
95th percentile per-packet one-way delay: 90.712 ms
Loss rate: 4.20%
```

## Run 2: Report of PCC — Data Link

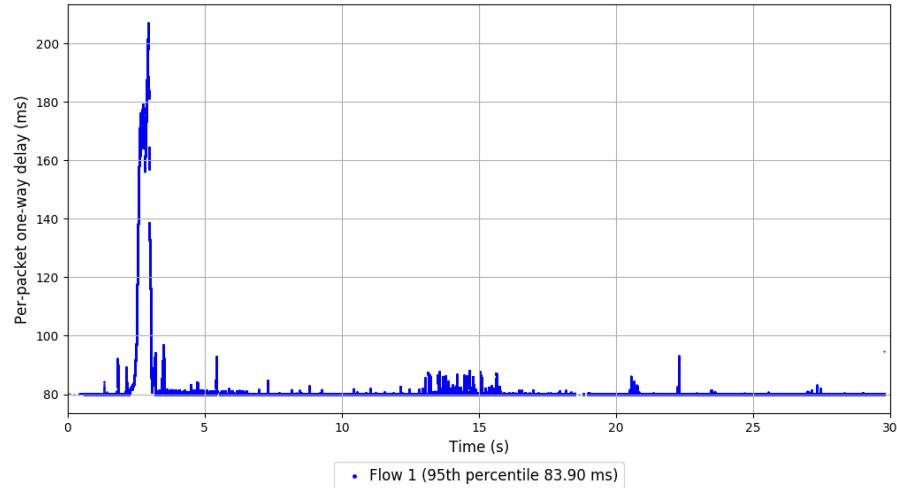
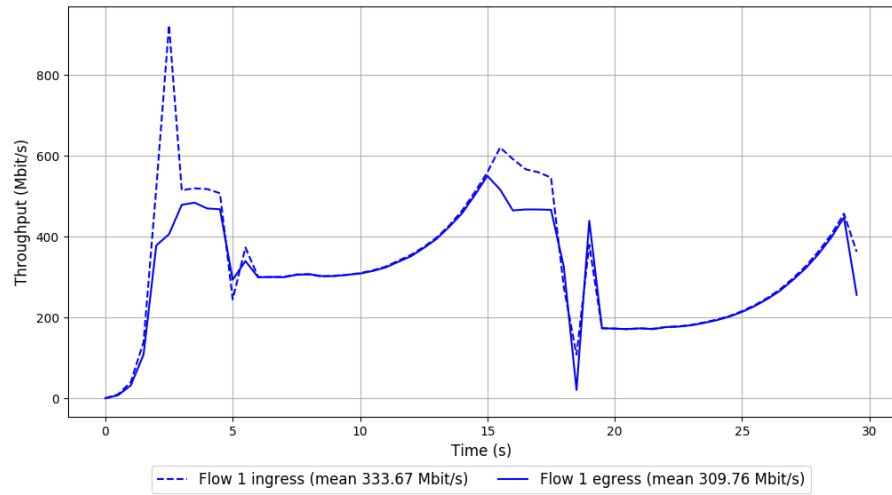


Run 3: Statistics of PCC

```
Start at: 2017-09-03 01:33:58
End at: 2017-09-03 01:34:28
Local clock offset: 0.274 ms
Remote clock offset: 0.523 ms

# Below is generated by plot.py at 2017-09-03 08:14:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 309.76 Mbit/s
95th percentile per-packet one-way delay: 83.902 ms
Loss rate: 7.64%
-- Flow 1:
Average throughput: 309.76 Mbit/s
95th percentile per-packet one-way delay: 83.902 ms
Loss rate: 7.64%
```

Run 3: Report of PCC — Data Link

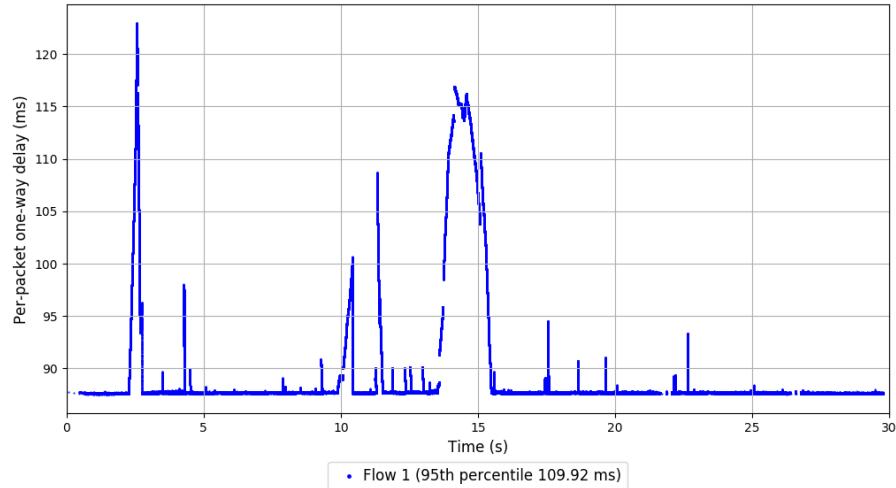
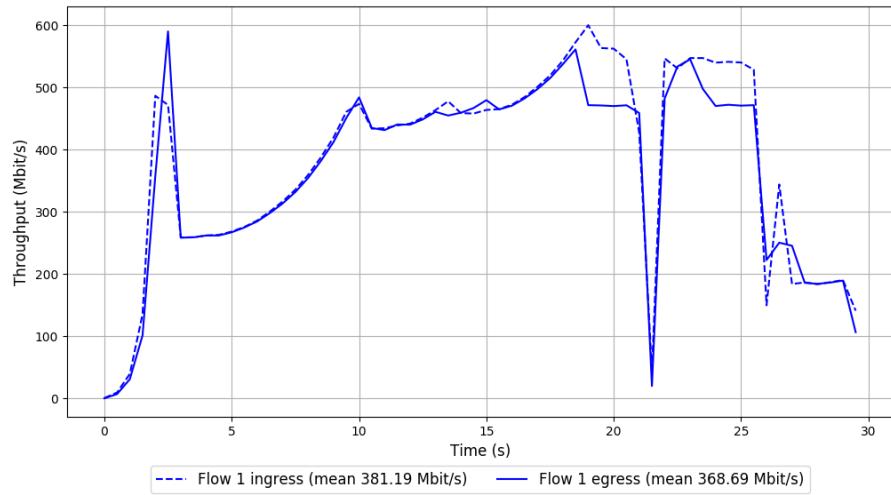


Run 4: Statistics of PCC

```
Start at: 2017-09-03 01:53:10
End at: 2017-09-03 01:53:40
Local clock offset: 0.258 ms
Remote clock offset: -5.373 ms

# Below is generated by plot.py at 2017-09-03 08:15:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 368.69 Mbit/s
95th percentile per-packet one-way delay: 109.919 ms
Loss rate: 3.84%
-- Flow 1:
Average throughput: 368.69 Mbit/s
95th percentile per-packet one-way delay: 109.919 ms
Loss rate: 3.84%
```

### Run 4: Report of PCC — Data Link

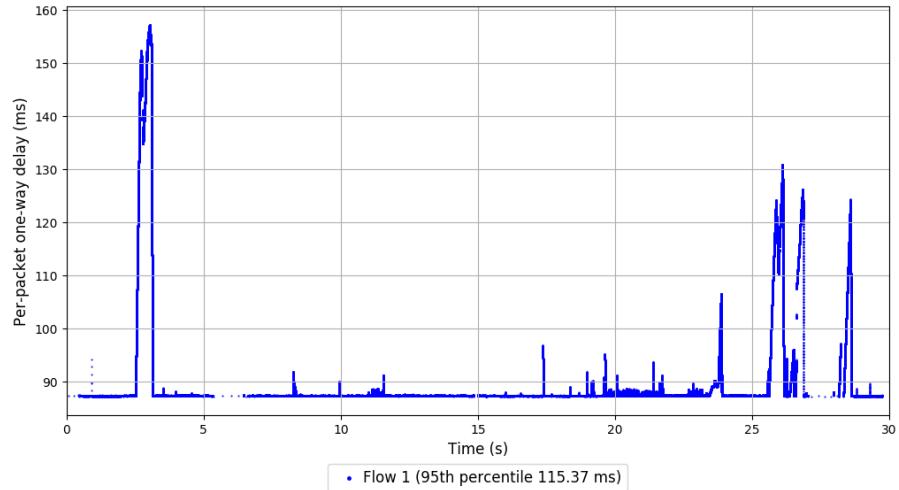
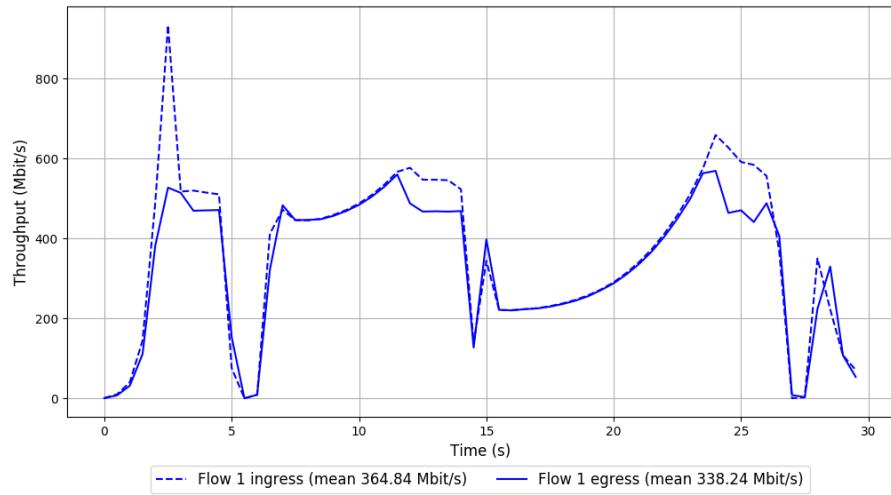


Run 5: Statistics of PCC

```
Start at: 2017-09-03 02:12:40
End at: 2017-09-03 02:13:10
Local clock offset: 0.165 ms
Remote clock offset: -4.587 ms

# Below is generated by plot.py at 2017-09-03 08:15:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 338.24 Mbit/s
95th percentile per-packet one-way delay: 115.372 ms
Loss rate: 7.82%
-- Flow 1:
Average throughput: 338.24 Mbit/s
95th percentile per-packet one-way delay: 115.372 ms
Loss rate: 7.82%
```

Run 5: Report of PCC — Data Link

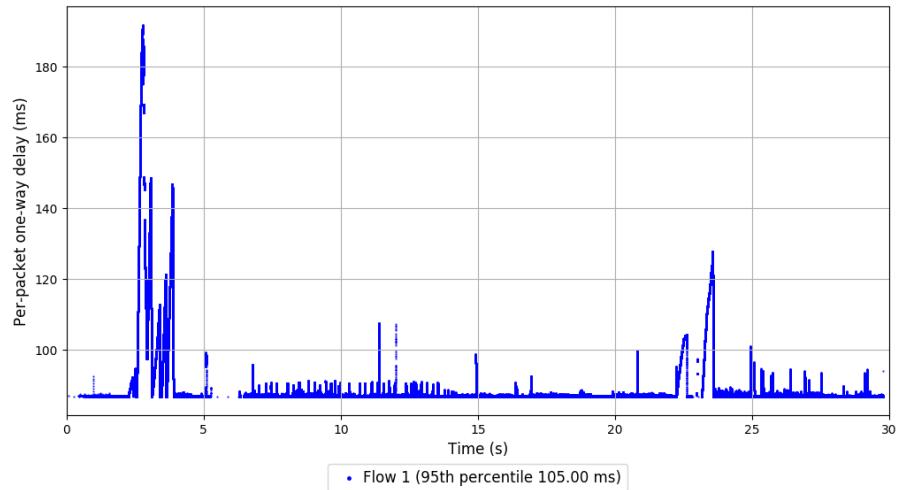
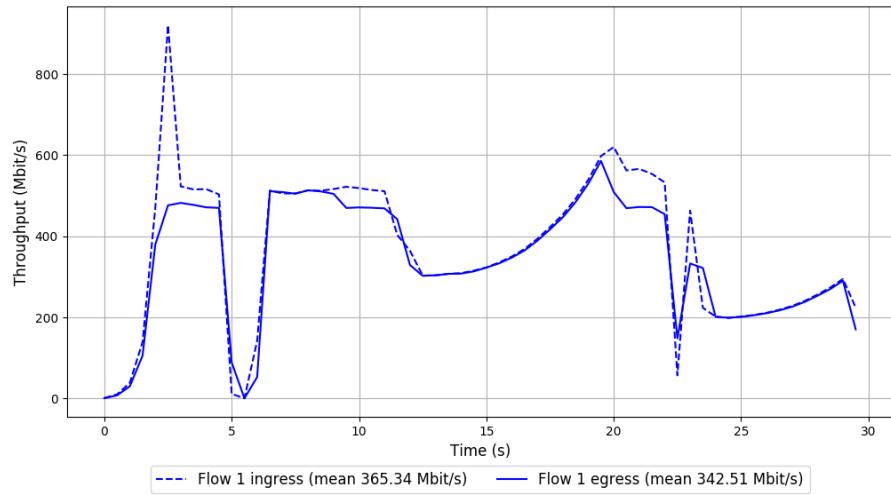


Run 6: Statistics of PCC

```
Start at: 2017-09-03 02:32:04
End at: 2017-09-03 02:32:34
Local clock offset: 0.134 ms
Remote clock offset: -4.881 ms

# Below is generated by plot.py at 2017-09-03 08:15:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 342.51 Mbit/s
95th percentile per-packet one-way delay: 105.002 ms
Loss rate: 6.76%
-- Flow 1:
Average throughput: 342.51 Mbit/s
95th percentile per-packet one-way delay: 105.002 ms
Loss rate: 6.76%
```

Run 6: Report of PCC — Data Link

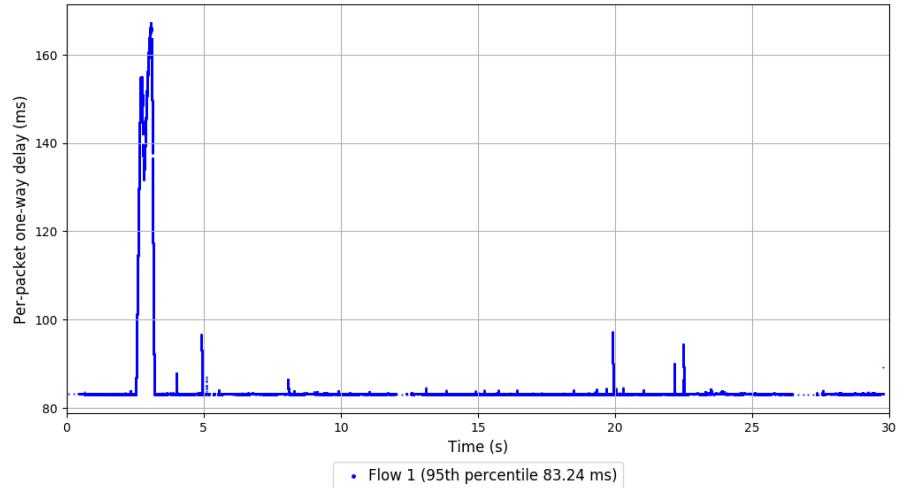
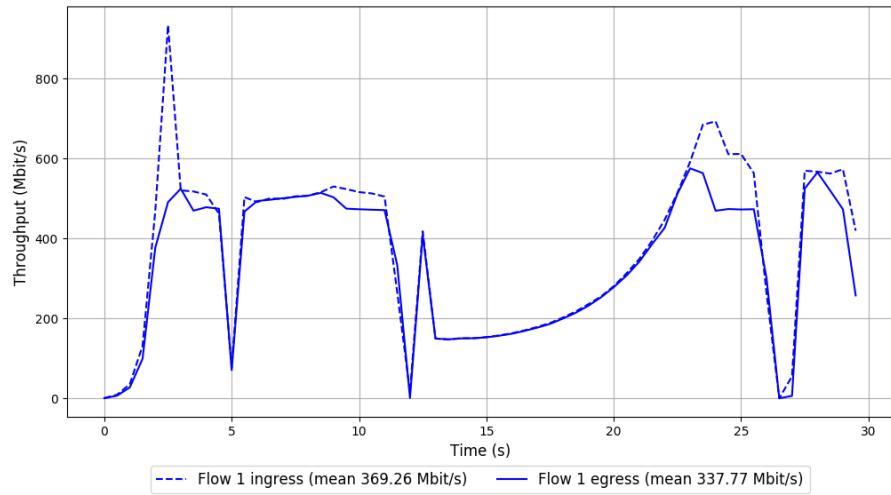


Run 7: Statistics of PCC

```
Start at: 2017-09-03 02:51:17
End at: 2017-09-03 02:51:47
Local clock offset: 0.198 ms
Remote clock offset: -1.233 ms

# Below is generated by plot.py at 2017-09-03 08:16:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 337.77 Mbit/s
95th percentile per-packet one-way delay: 83.237 ms
Loss rate: 9.03%
-- Flow 1:
Average throughput: 337.77 Mbit/s
95th percentile per-packet one-way delay: 83.237 ms
Loss rate: 9.03%
```

Run 7: Report of PCC — Data Link

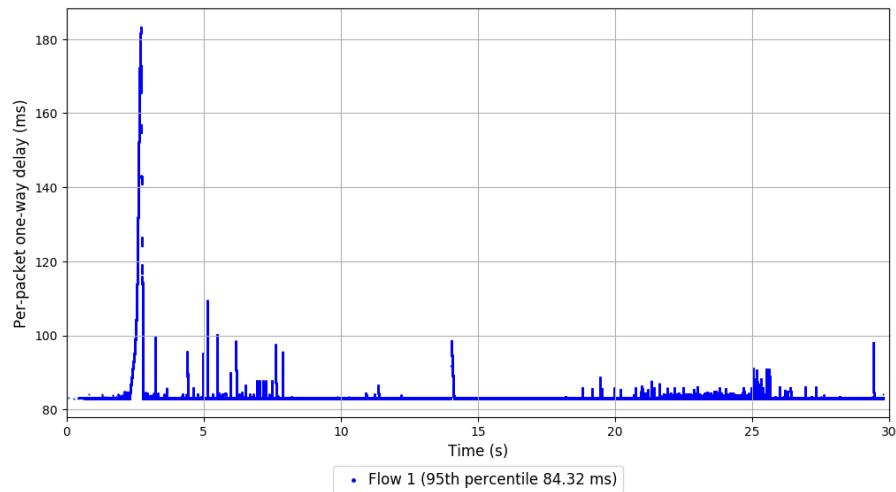
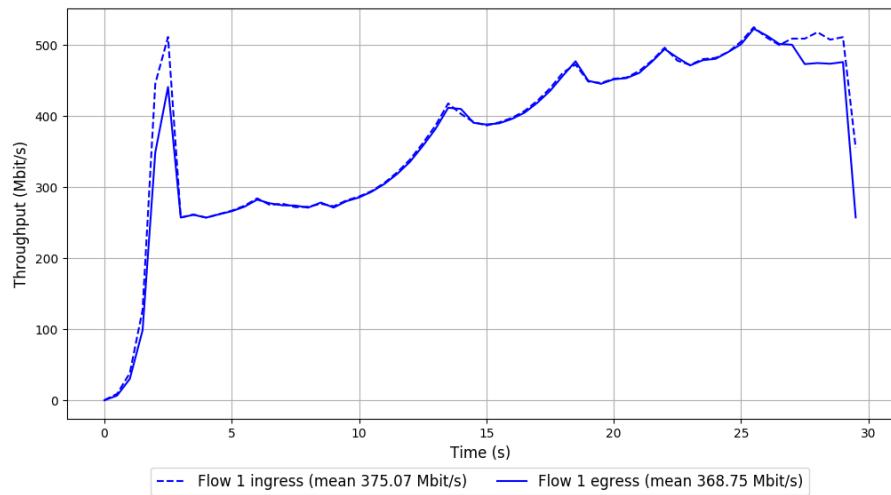


Run 8: Statistics of PCC

```
Start at: 2017-09-03 03:10:38
End at: 2017-09-03 03:11:08
Local clock offset: 0.166 ms
Remote clock offset: -1.54 ms

# Below is generated by plot.py at 2017-09-03 08:16:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 368.75 Mbit/s
95th percentile per-packet one-way delay: 84.322 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 368.75 Mbit/s
95th percentile per-packet one-way delay: 84.322 ms
Loss rate: 2.24%
```

Run 8: Report of PCC — Data Link

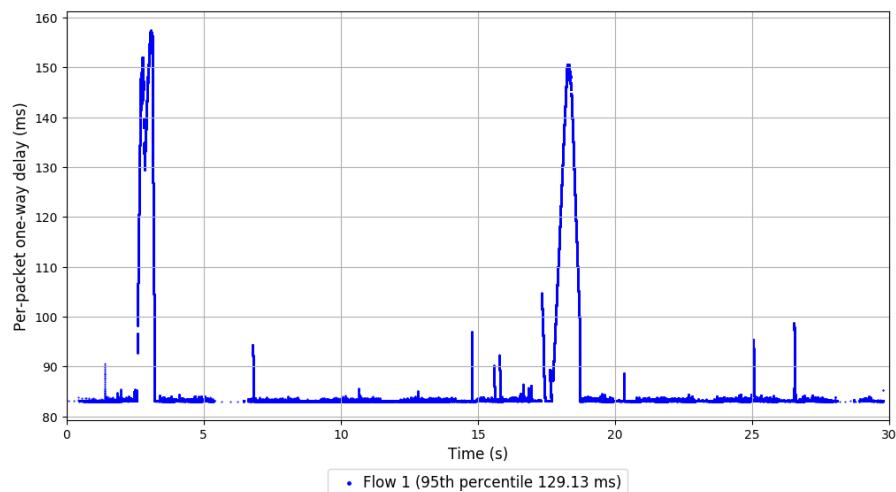
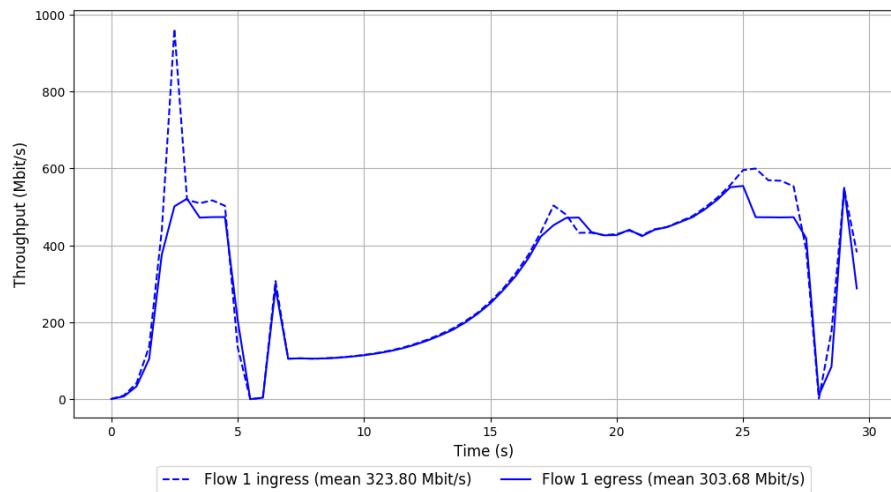


Run 9: Statistics of PCC

```
Start at: 2017-09-03 03:30:13
End at: 2017-09-03 03:30:43
Local clock offset: 0.257 ms
Remote clock offset: -1.837 ms

# Below is generated by plot.py at 2017-09-03 08:17:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 303.68 Mbit/s
95th percentile per-packet one-way delay: 129.130 ms
Loss rate: 6.75%
-- Flow 1:
Average throughput: 303.68 Mbit/s
95th percentile per-packet one-way delay: 129.130 ms
Loss rate: 6.75%
```

### Run 9: Report of PCC — Data Link

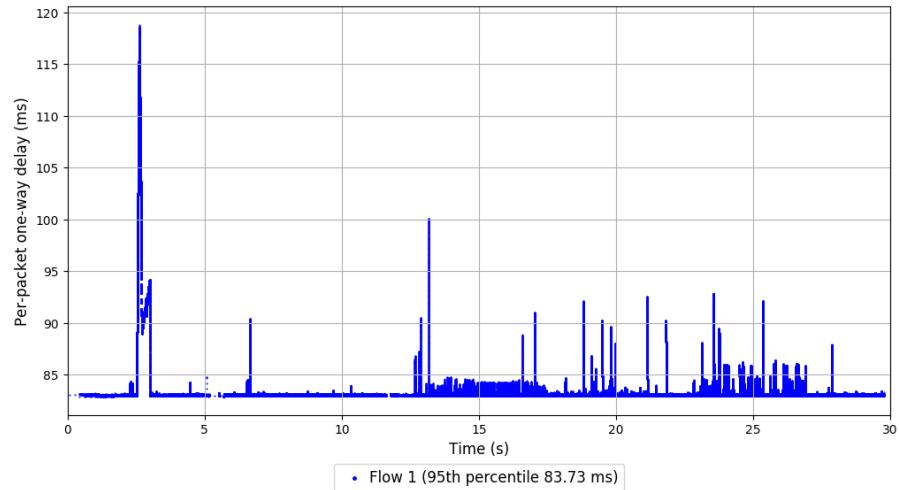
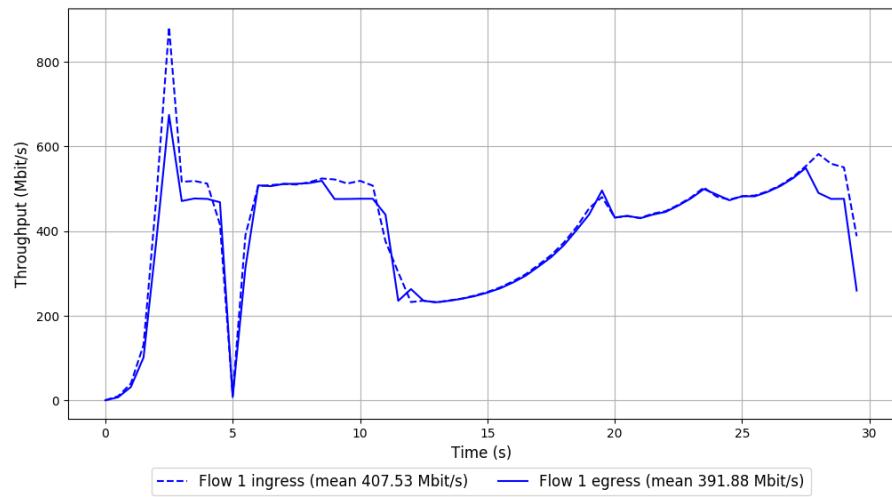


Run 10: Statistics of PCC

```
Start at: 2017-09-03 03:49:47
End at: 2017-09-03 03:50:17
Local clock offset: 0.267 ms
Remote clock offset: -2.156 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 391.88 Mbit/s
95th percentile per-packet one-way delay: 83.729 ms
Loss rate: 4.39%
-- Flow 1:
Average throughput: 391.88 Mbit/s
95th percentile per-packet one-way delay: 83.729 ms
Loss rate: 4.39%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

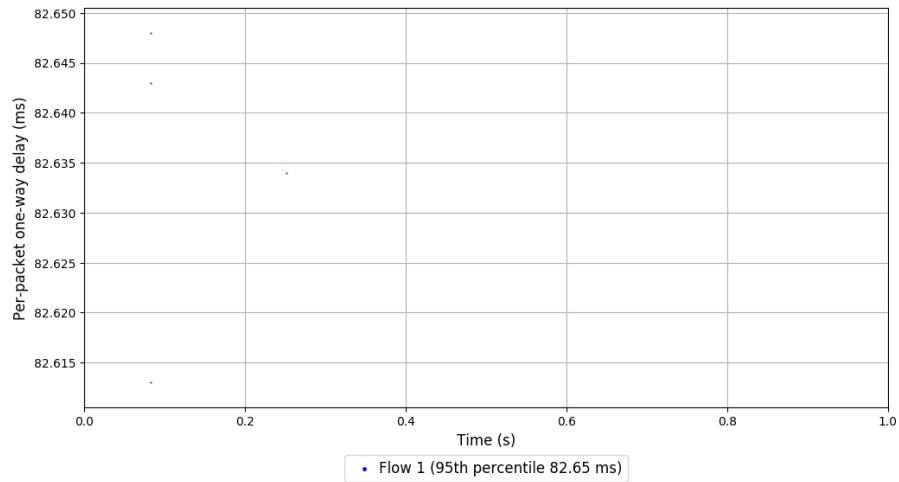
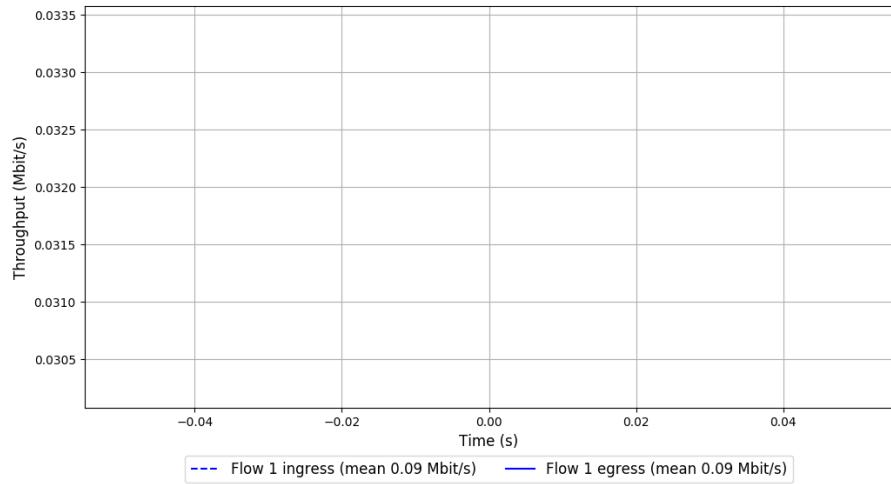
Start at: 2017-09-03 01:04:15

End at: 2017-09-03 01:04:45

Local clock offset: 0.285 ms

Remote clock offset: -0.662 ms

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

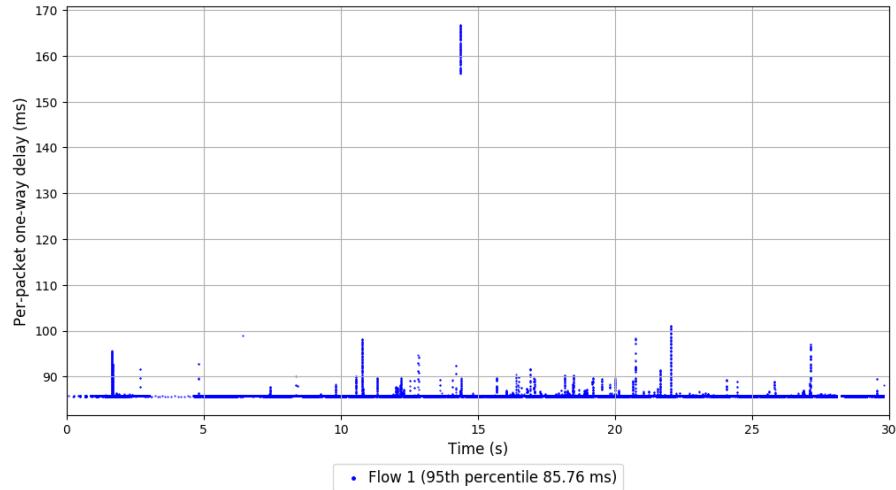
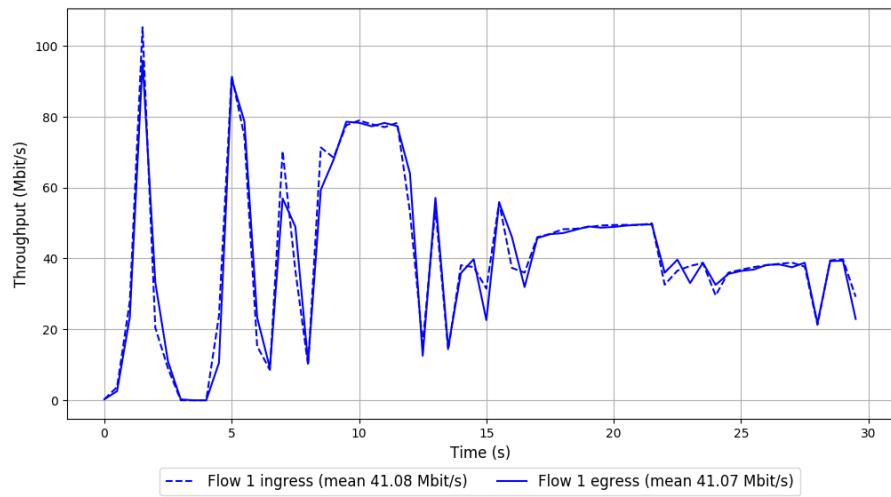


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-09-03 01:23:22
End at: 2017-09-03 01:23:52
Local clock offset: 0.205 ms
Remote clock offset: -5.355 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.07 Mbit/s
95th percentile per-packet one-way delay: 85.761 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 41.07 Mbit/s
95th percentile per-packet one-way delay: 85.761 ms
Loss rate: 0.55%
```

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



Run 3: Statistics of QUIC Cubic

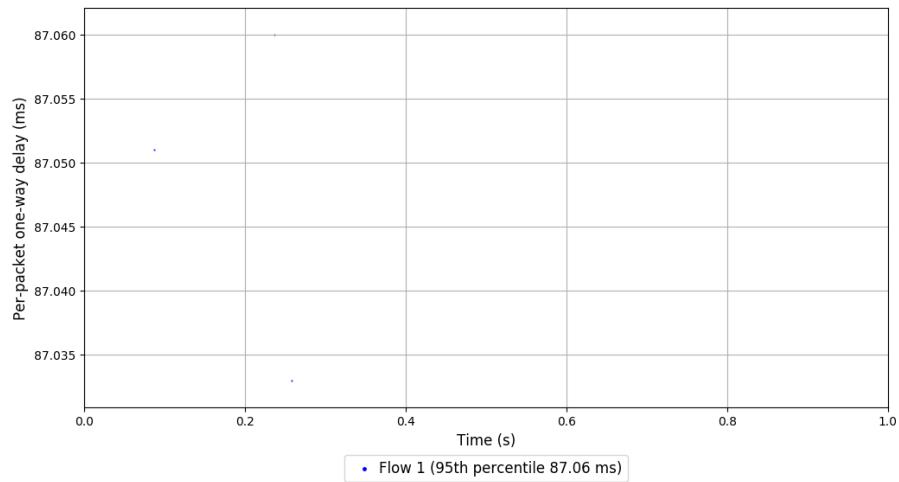
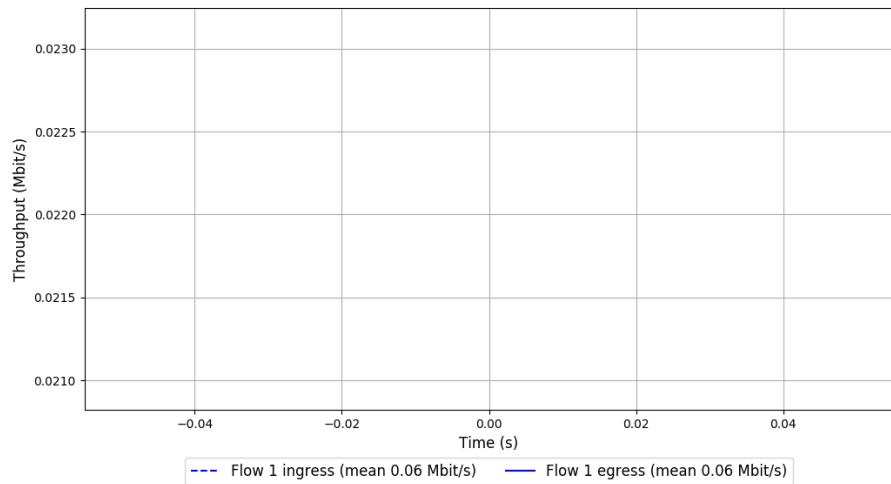
Start at: 2017-09-03 01:43:05

End at: 2017-09-03 01:43:35

Local clock offset: 0.251 ms

Remote clock offset: -4.316 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

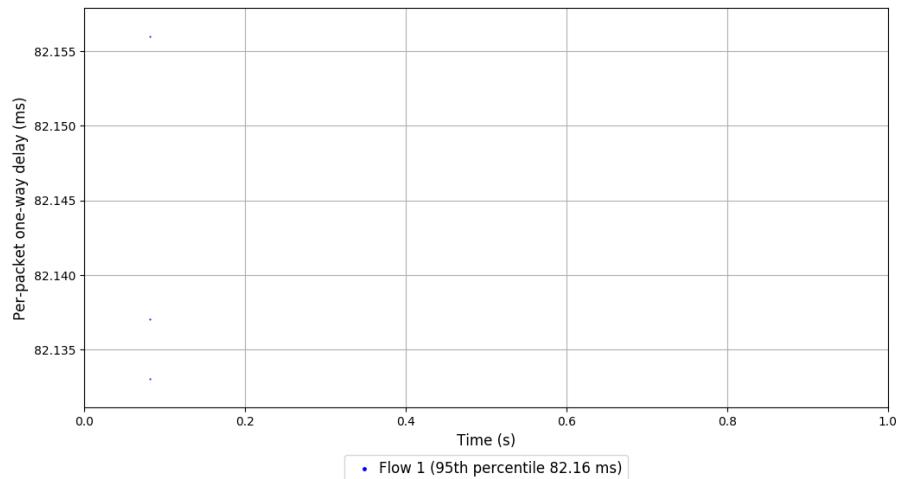
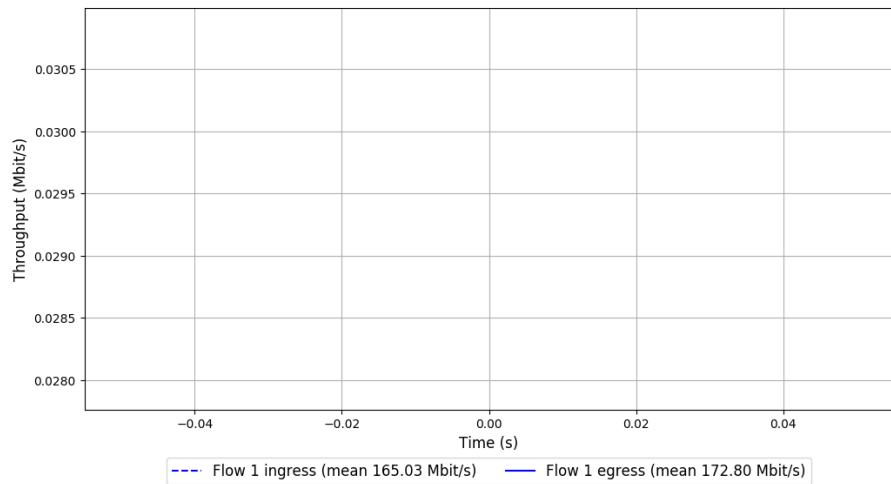
Start at: 2017-09-03 02:02:41

End at: 2017-09-03 02:03:11

Local clock offset: 0.115 ms

Remote clock offset: -1.525 ms

Run 4: Report of QUIC Cubic — Data Link

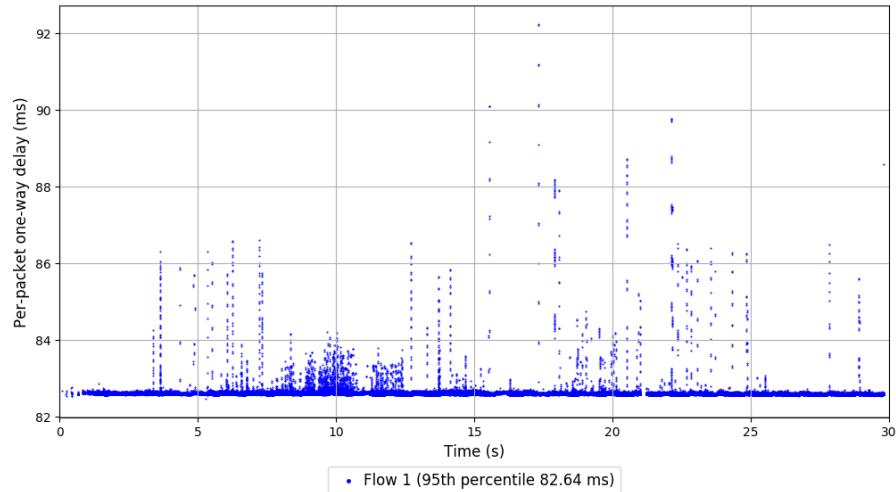
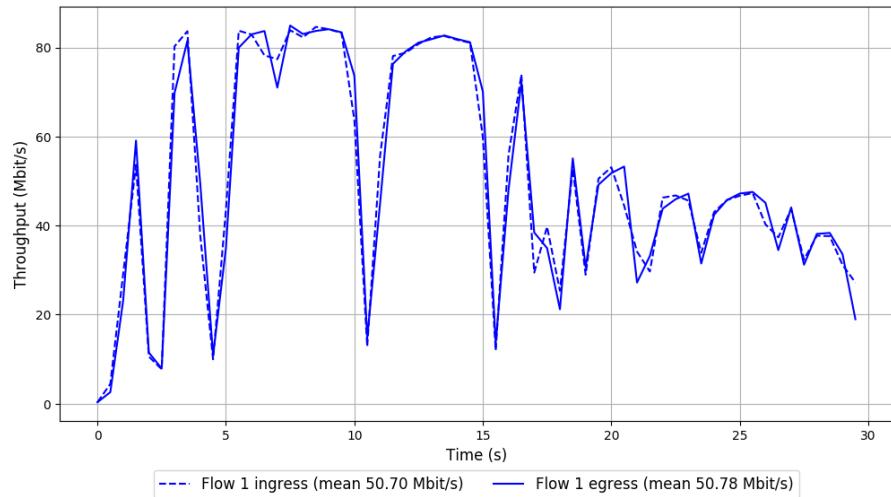


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-09-03 02:21:51
End at: 2017-09-03 02:22:21
Local clock offset: 0.186 ms
Remote clock offset: -1.671 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.78 Mbit/s
95th percentile per-packet one-way delay: 82.641 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 50.78 Mbit/s
95th percentile per-packet one-way delay: 82.641 ms
Loss rate: 0.40%
```

Run 5: Report of QUIC Cubic — Data Link

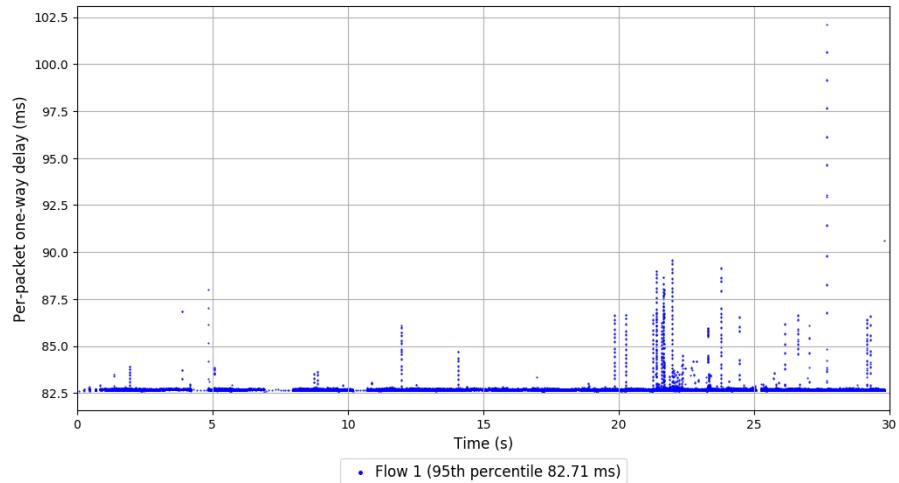
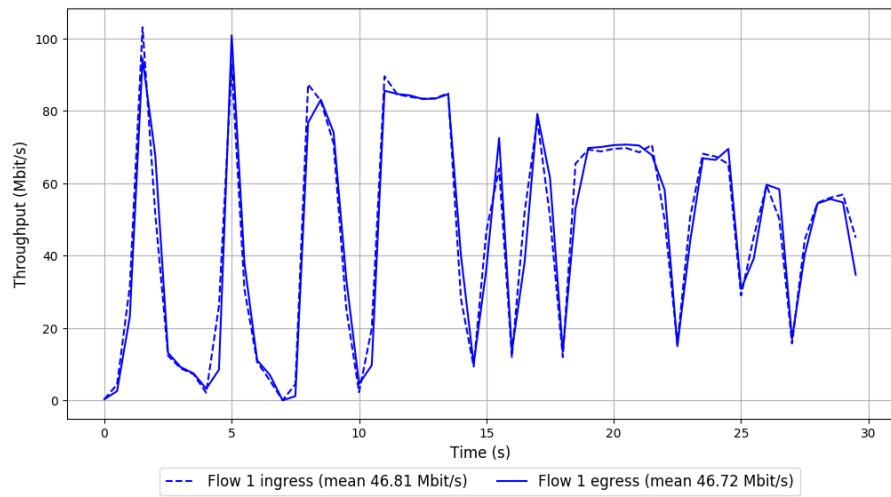


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-09-03 02:41:11
End at: 2017-09-03 02:41:41
Local clock offset: 0.149 ms
Remote clock offset: -1.141 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 82.708 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 82.708 ms
Loss rate: 0.71%
```

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

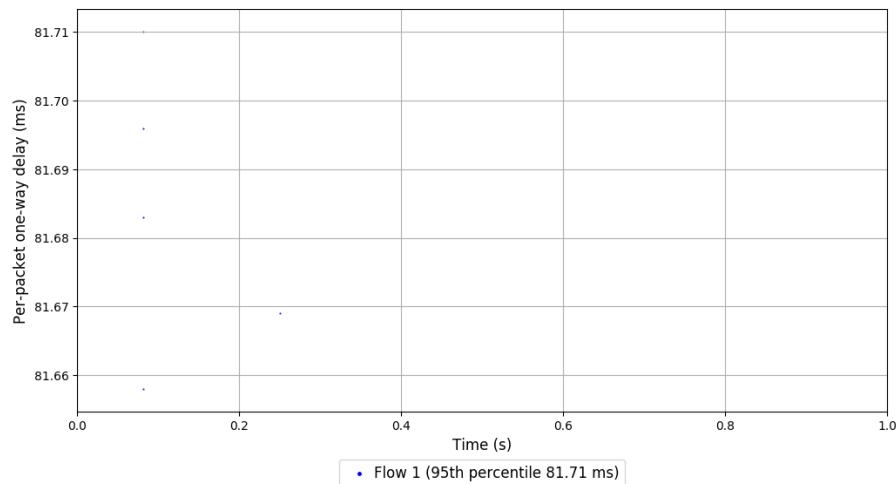
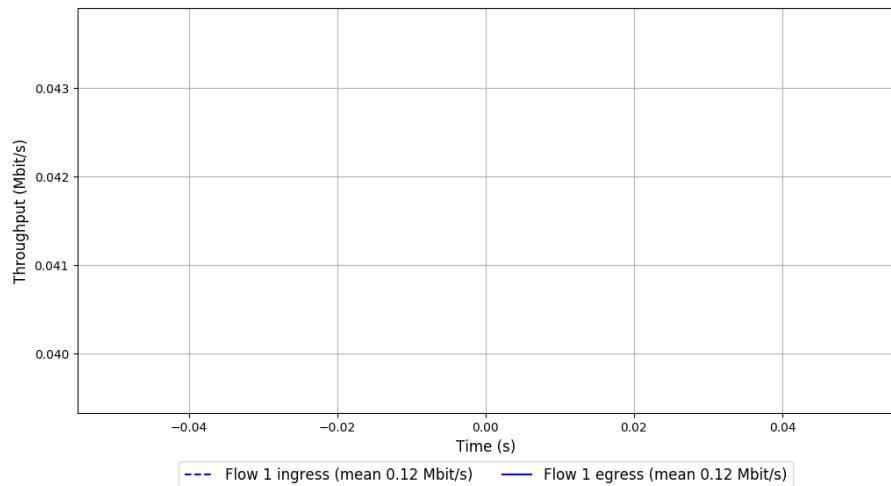
Start at: 2017-09-03 03:00:27

End at: 2017-09-03 03:00:57

Local clock offset: 0.183 ms

Remote clock offset: -1.369 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

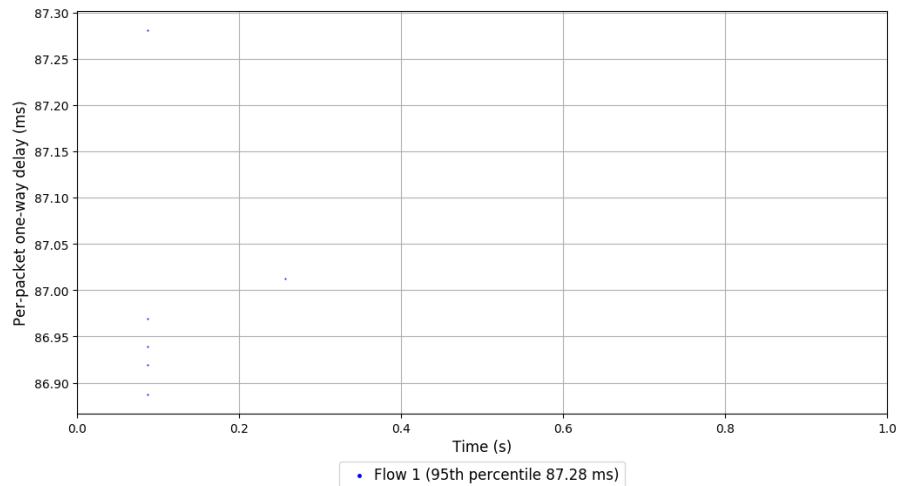
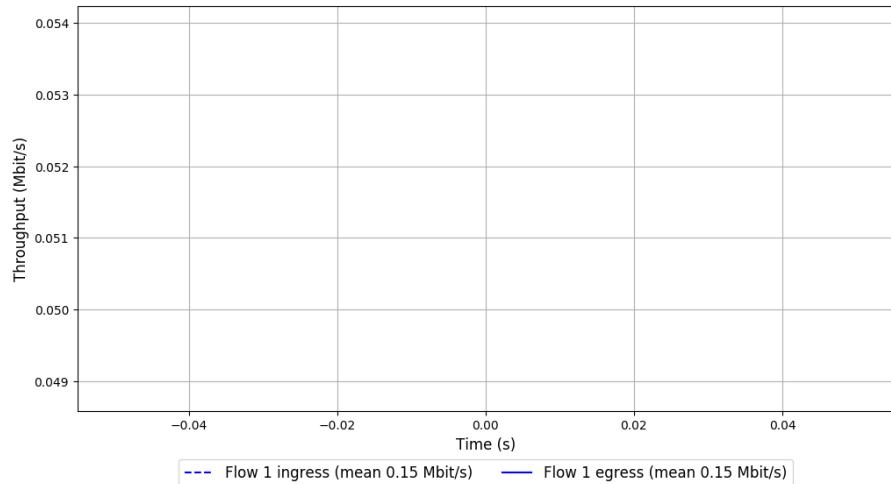
Start at: 2017-09-03 03:19:58

End at: 2017-09-03 03:20:28

Local clock offset: 0.171 ms

Remote clock offset: -5.605 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

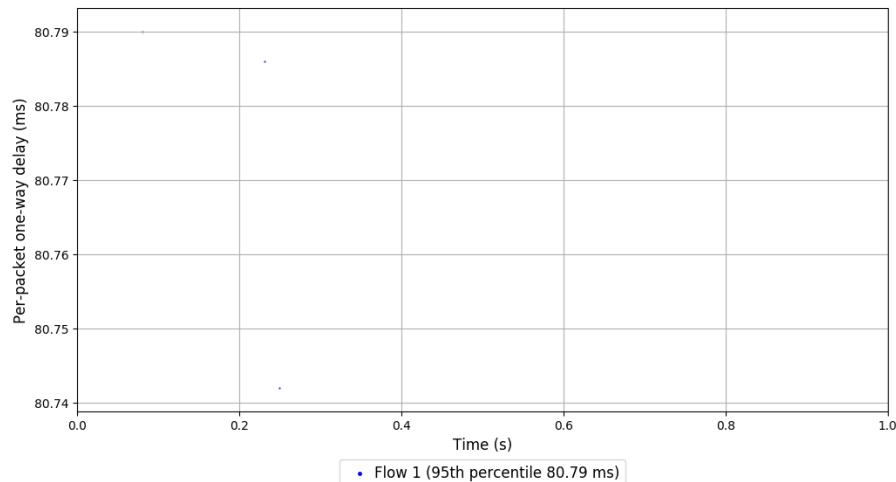
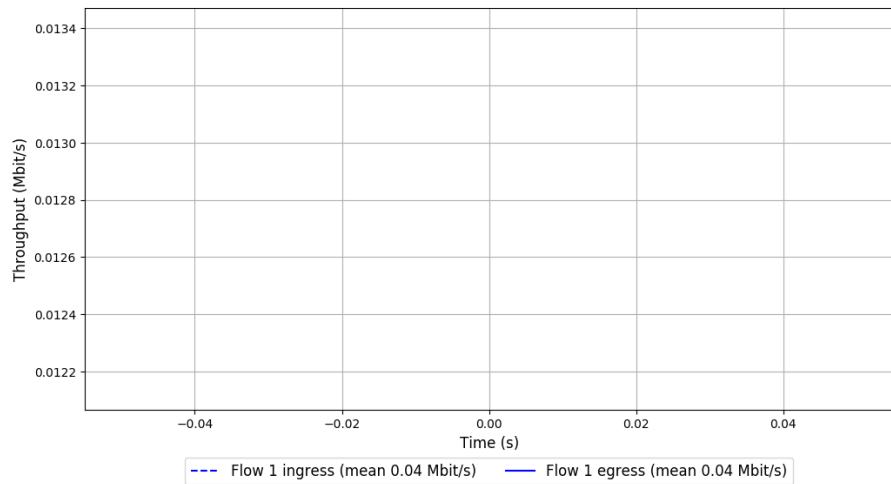
Start at: 2017-09-03 03:39:33

End at: 2017-09-03 03:40:03

Local clock offset: 0.259 ms

Remote clock offset: -1.109 ms

Run 9: Report of QUIC Cubic — Data Link

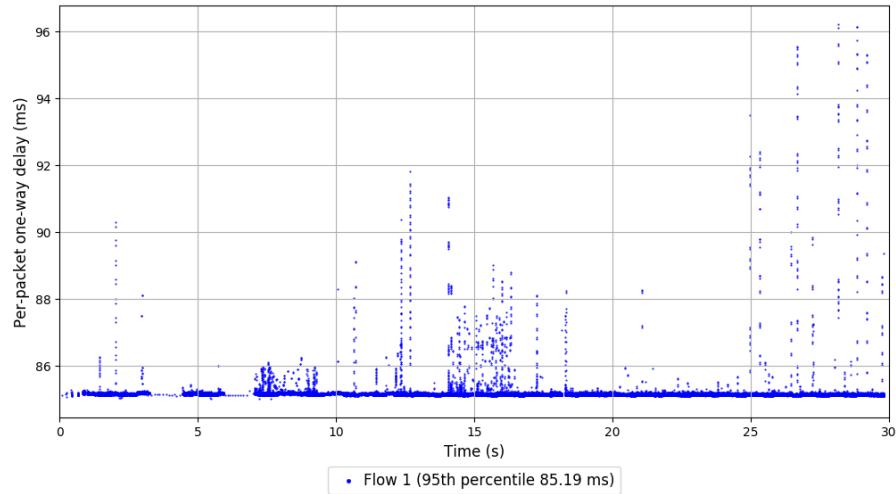
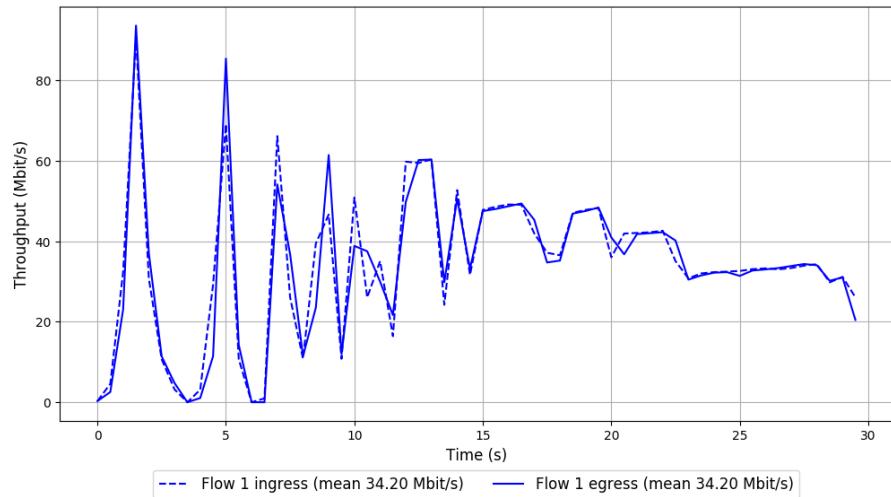


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-09-03 03:58:54
End at: 2017-09-03 03:59:24
Local clock offset: 0.231 ms
Remote clock offset: -6.301 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 85.193 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 85.193 ms
Loss rate: 0.54%
```

Run 10: Report of QUIC Cubic — Data Link

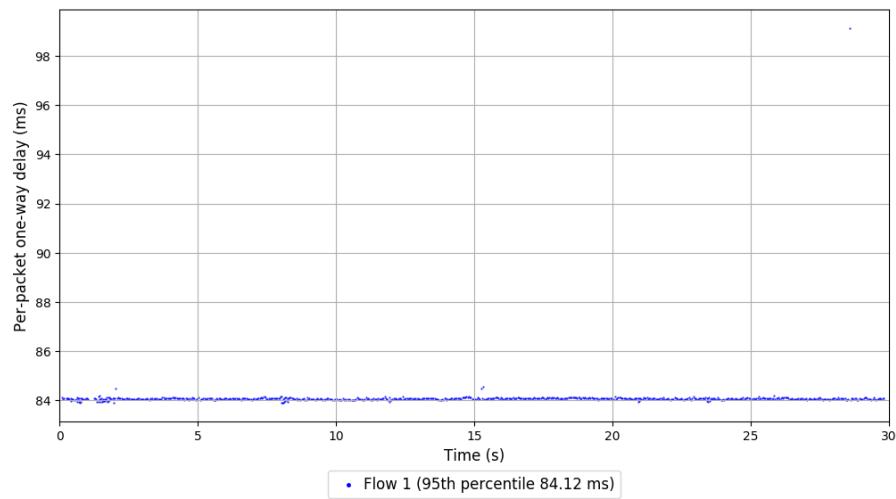
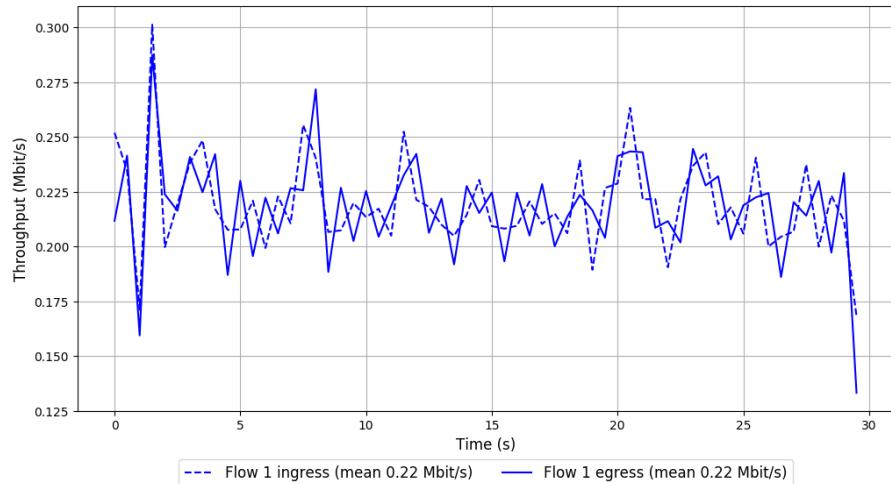


Run 1: Statistics of SCReAM

```
Start at: 2017-09-03 01:11:46
End at: 2017-09-03 01:12:16
Local clock offset: 0.257 ms
Remote clock offset: -1.525 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.122 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.122 ms
Loss rate: 0.51%
```

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

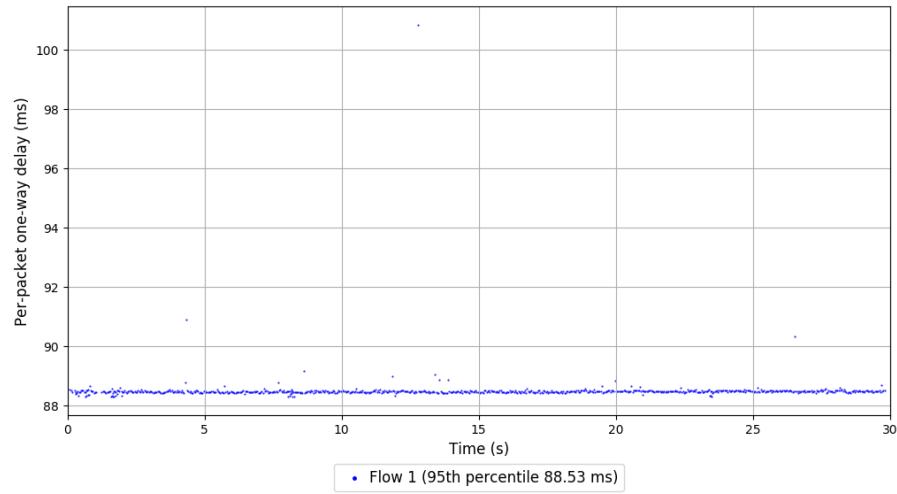
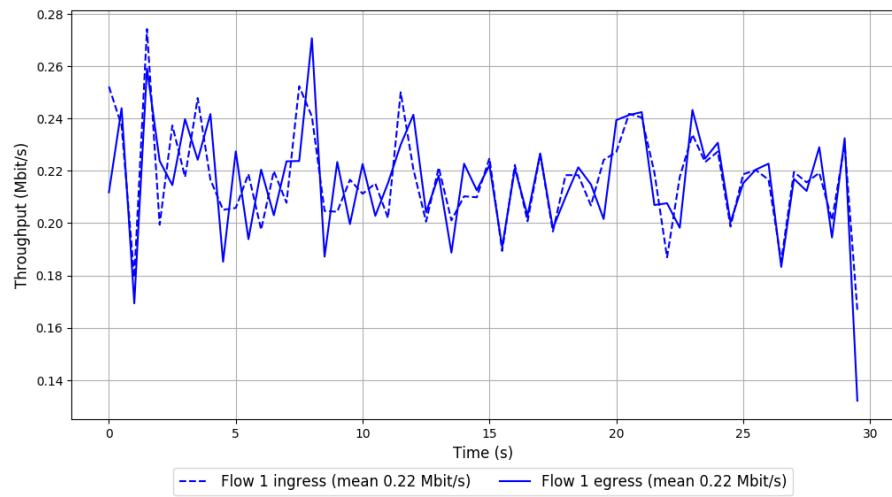


Run 2: Statistics of SCReAM

```
Start at: 2017-09-03 01:31:26
End at: 2017-09-03 01:31:56
Local clock offset: 0.278 ms
Remote clock offset: -5.251 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.525 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.525 ms
Loss rate: 0.52%
```

Run 2: Report of SCReAM — Data Link

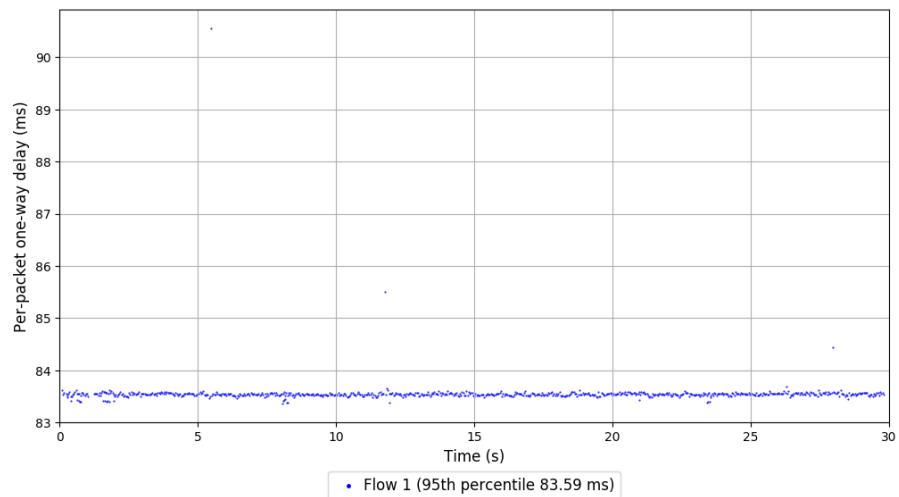
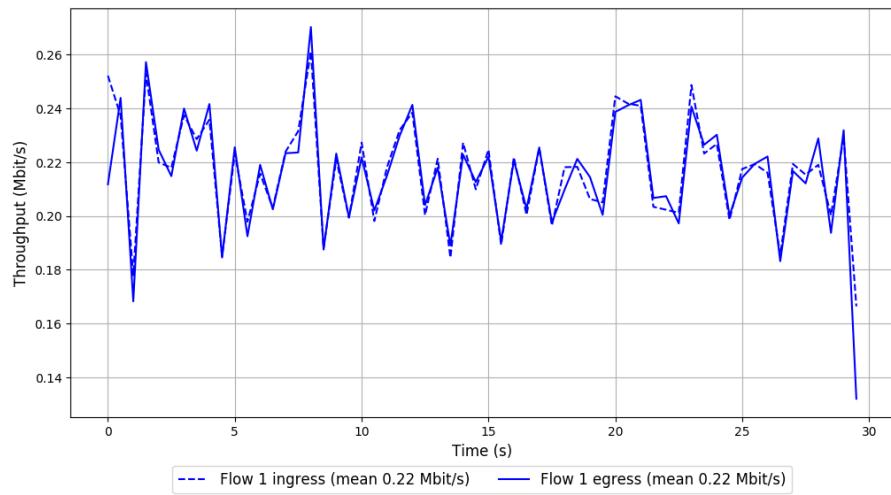


Run 3: Statistics of SCReAM

```
Start at: 2017-09-03 01:50:35
End at: 2017-09-03 01:51:05
Local clock offset: 0.201 ms
Remote clock offset: -0.44 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.587 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.587 ms
Loss rate: 0.51%
```

Run 3: Report of SCReAM — Data Link

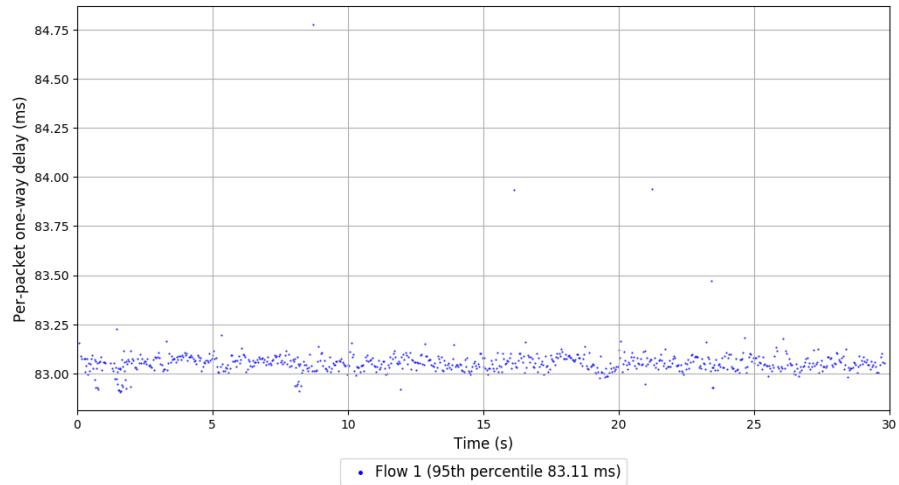
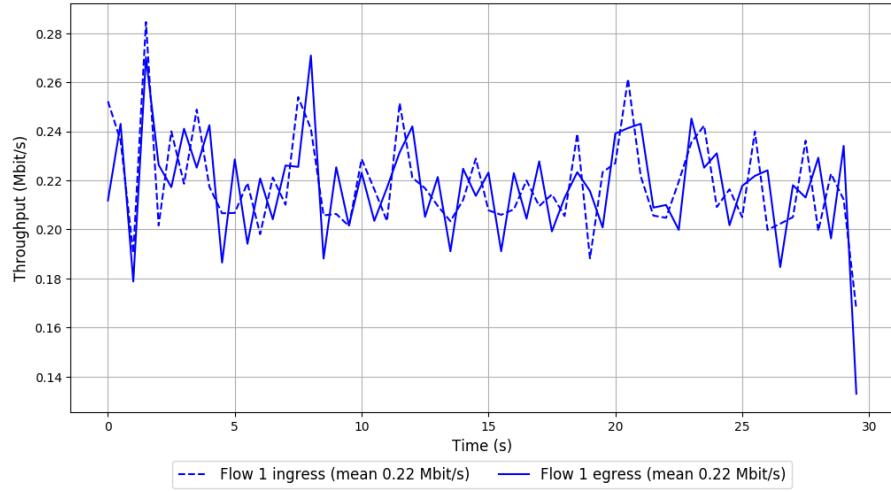


Run 4: Statistics of SCReAM

```
Start at: 2017-09-03 02:10:08
End at: 2017-09-03 02:10:38
Local clock offset: 0.116 ms
Remote clock offset: -0.668 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.108 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.108 ms
Loss rate: 0.51%
```

Run 4: Report of SCReAM — Data Link

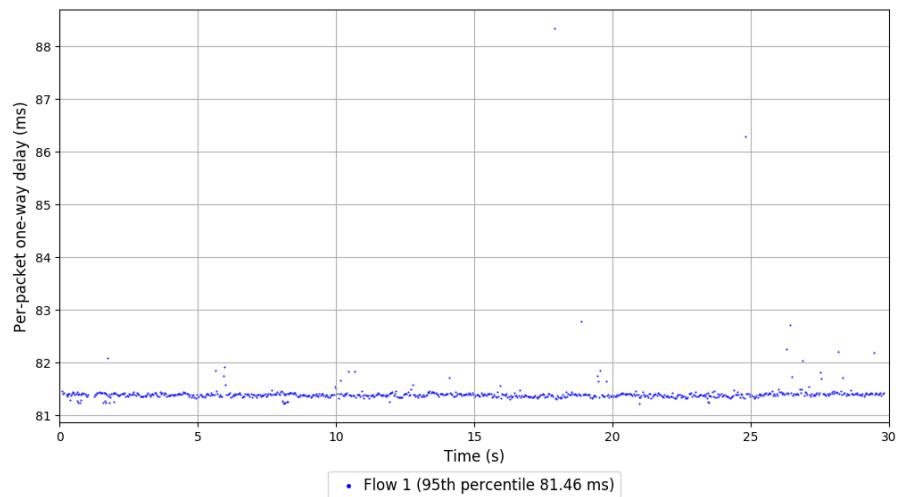
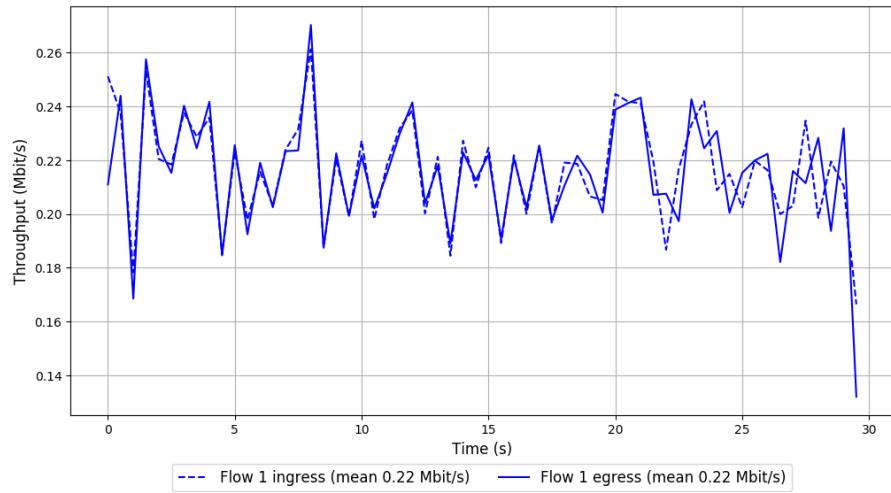


Run 5: Statistics of SCReAM

```
Start at: 2017-09-03 02:29:34
End at: 2017-09-03 02:30:04
Local clock offset: 0.157 ms
Remote clock offset: -0.963 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.463 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.463 ms
Loss rate: 0.51%
```

Run 5: Report of SCReAM — Data Link

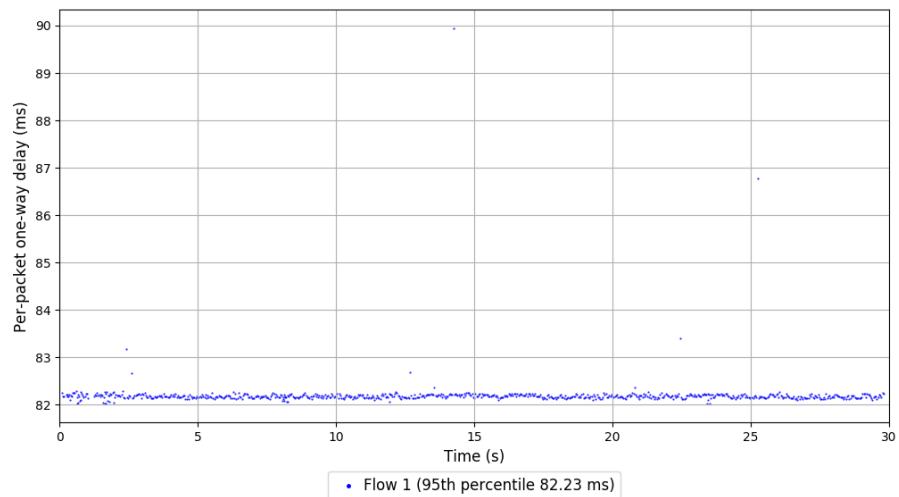
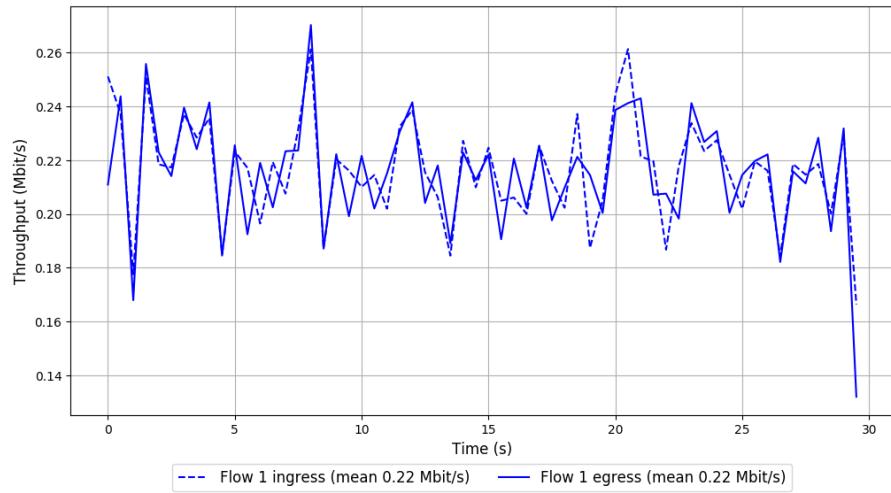


Run 6: Statistics of SCReAM

```
Start at: 2017-09-03 02:48:47
End at: 2017-09-03 02:49:17
Local clock offset: 0.123 ms
Remote clock offset: -2.091 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.235 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.235 ms
Loss rate: 0.52%
```

Run 6: Report of SCReAM — Data Link

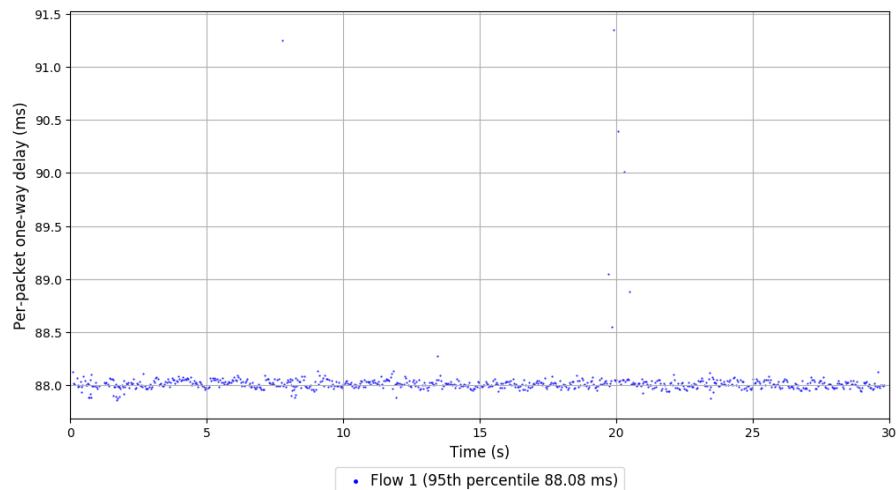
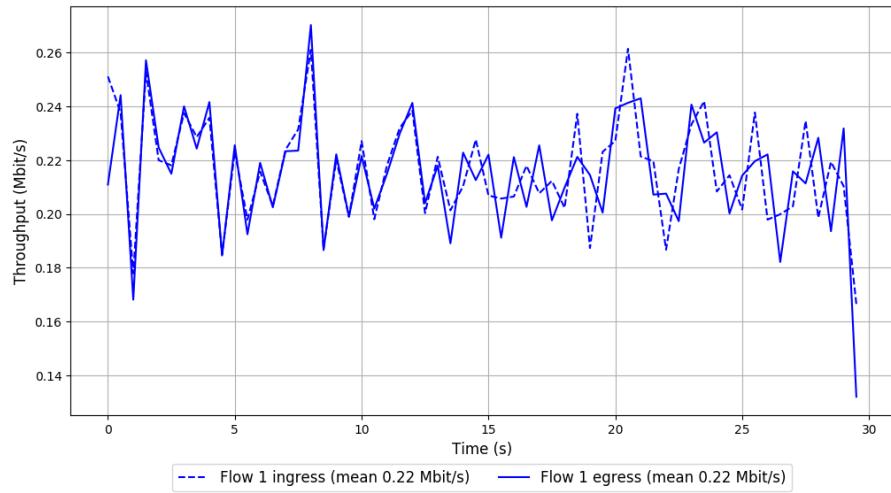


Run 7: Statistics of SCReAM

```
Start at: 2017-09-03 03:08:07
End at: 2017-09-03 03:08:37
Local clock offset: 0.163 ms
Remote clock offset: -6.363 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.075 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.075 ms
Loss rate: 0.51%
```

Run 7: Report of SCReAM — Data Link

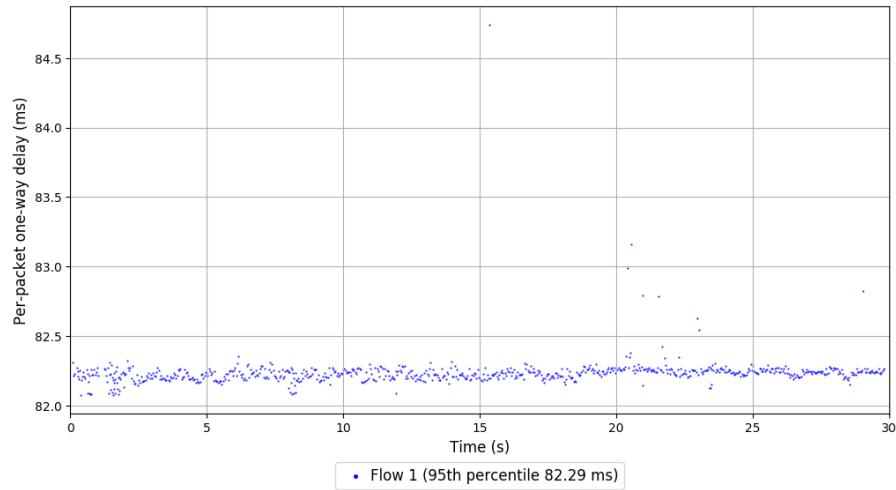
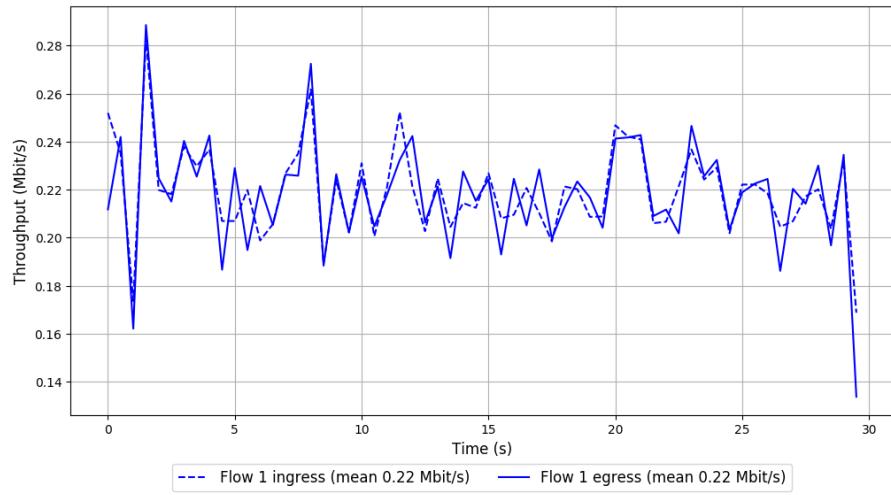


Run 8: Statistics of SCReAM

```
Start at: 2017-09-03 03:27:40
End at: 2017-09-03 03:28:10
Local clock offset: 0.206 ms
Remote clock offset: -0.913 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.289 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.289 ms
Loss rate: 0.52%
```

Run 8: Report of SCReAM — Data Link

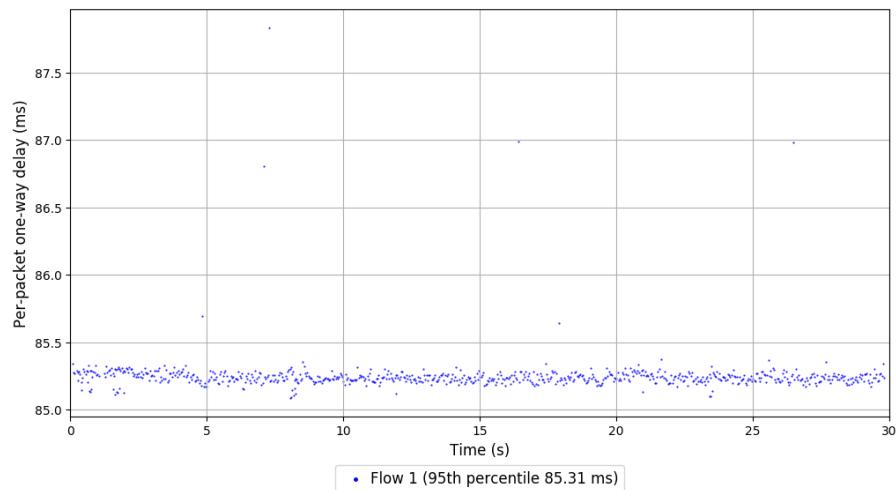
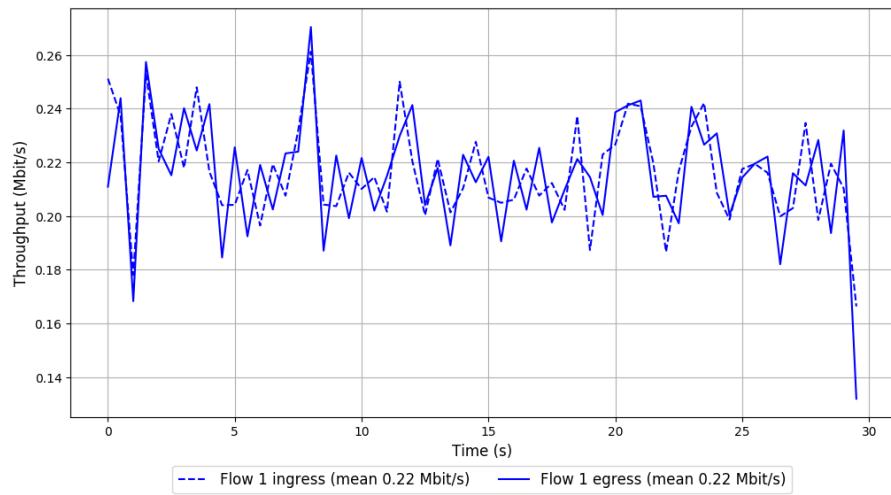


Run 9: Statistics of SCReAM

```
Start at: 2017-09-03 03:47:13
End at: 2017-09-03 03:47:43
Local clock offset: 0.269 ms
Remote clock offset: -6.049 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.306 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.306 ms
Loss rate: 0.51%
```

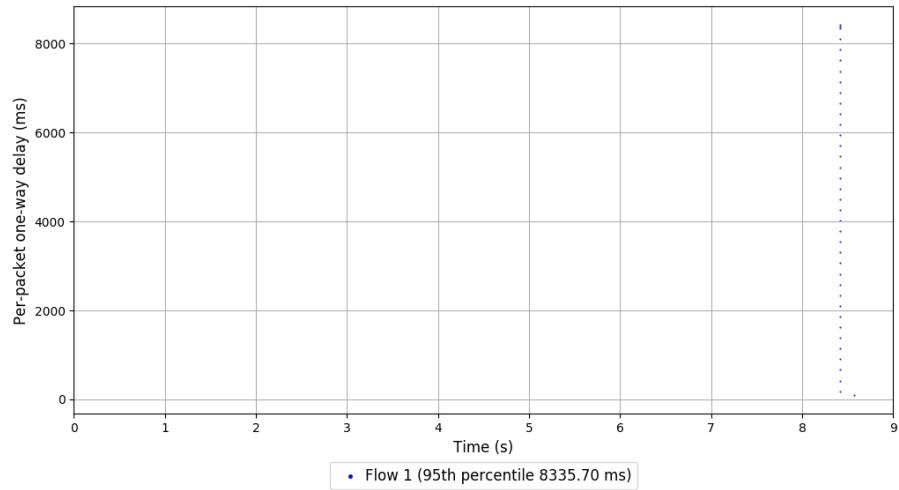
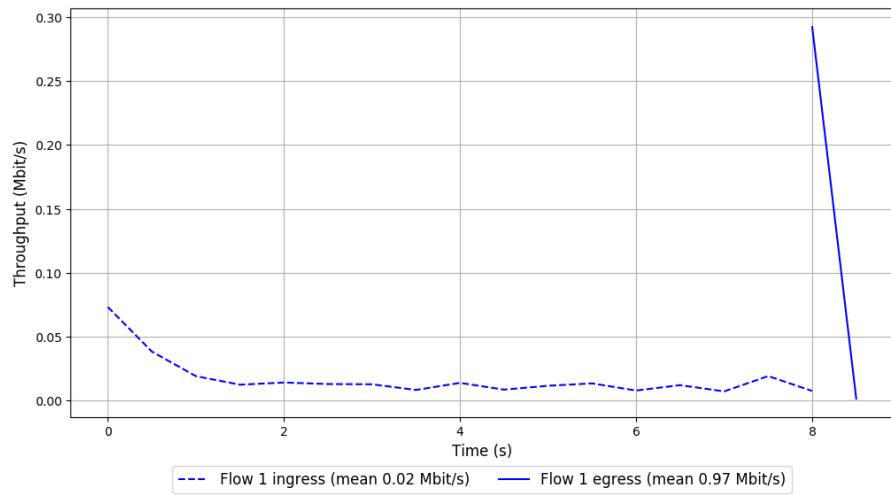
Run 9: Report of SCReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2017-09-03 04:06:17  
End at: 2017-09-03 04:06:47  
Local clock offset: 0.274 ms  
Remote clock offset: -7.345 ms

## Run 10: Report of SCReAM — Data Link

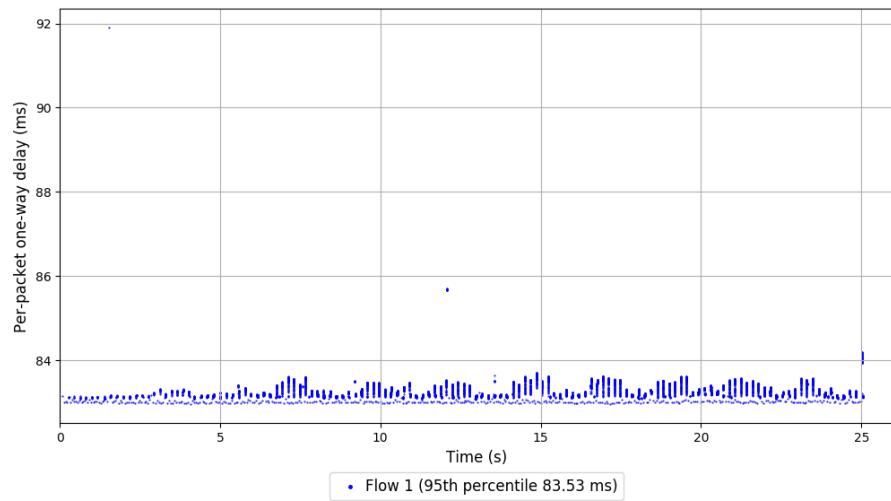
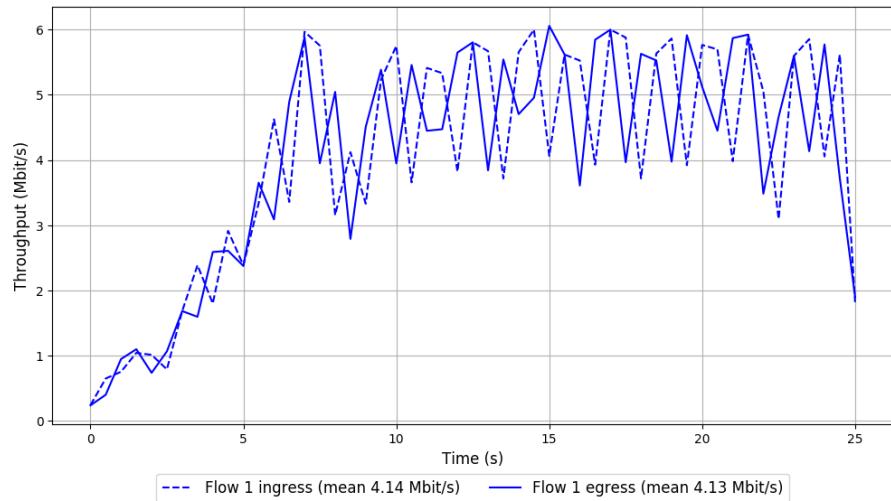


Run 1: Statistics of Sprout

```
Start at: 2017-09-03 01:10:36
End at: 2017-09-03 01:11:06
Local clock offset: 0.271 ms
Remote clock offset: -0.597 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 83.532 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 83.532 ms
Loss rate: 0.88%
```

Run 1: Report of Sprout — Data Link

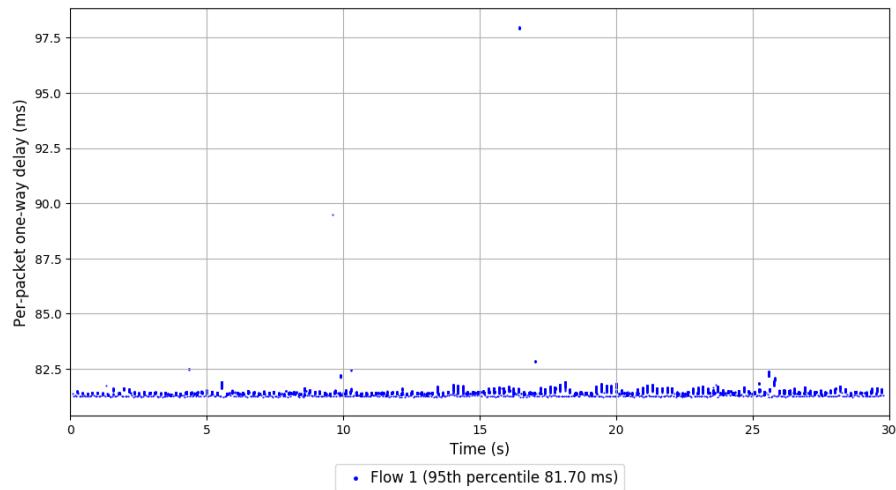
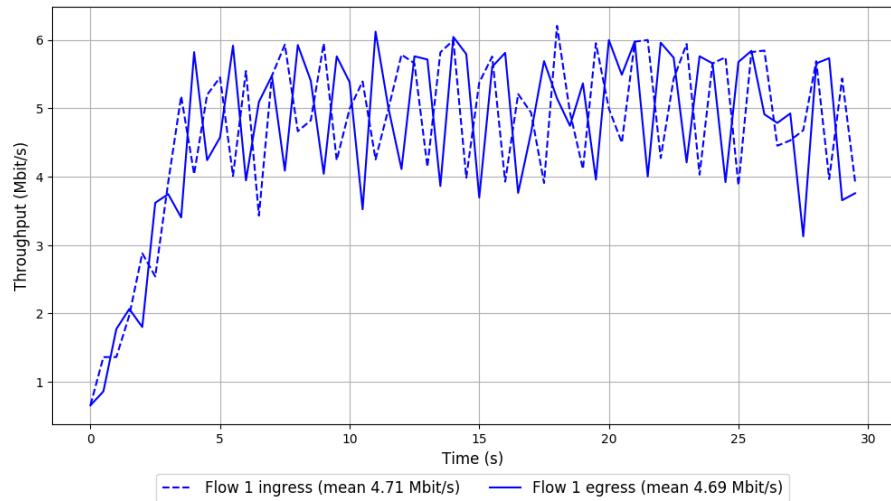


Run 2: Statistics of Sprout

```
Start at: 2017-09-03 01:30:16
End at: 2017-09-03 01:30:46
Local clock offset: 0.275 ms
Remote clock offset: -0.396 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.69 Mbit/s
95th percentile per-packet one-way delay: 81.702 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 4.69 Mbit/s
95th percentile per-packet one-way delay: 81.702 ms
Loss rate: 0.71%
```

## Run 2: Report of Sprout — Data Link

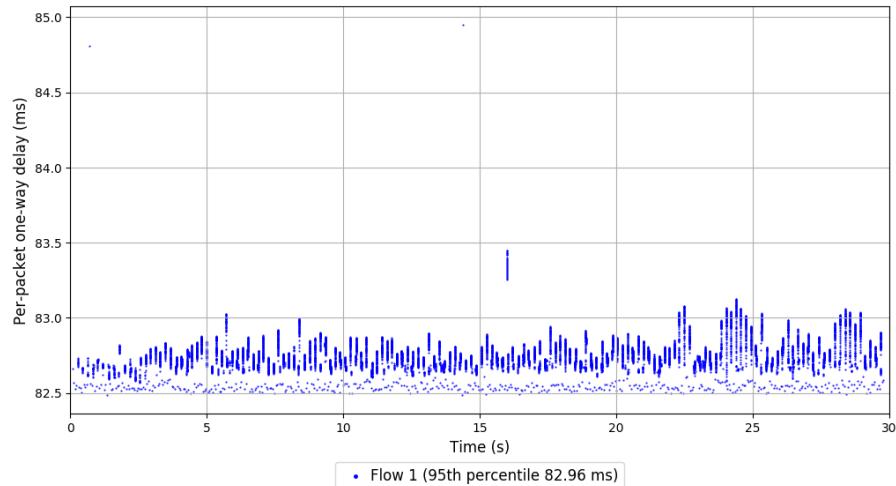
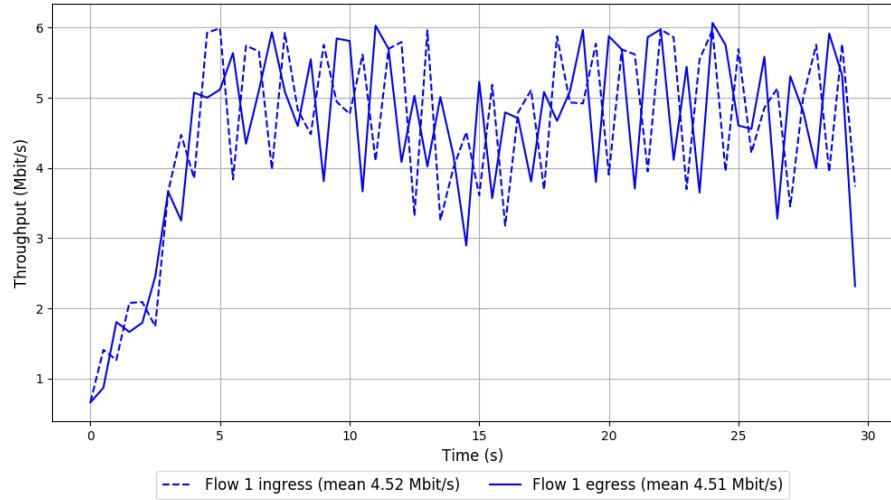


Run 3: Statistics of Sprout

```
Start at: 2017-09-03 01:49:25
End at: 2017-09-03 01:49:55
Local clock offset: 0.281 ms
Remote clock offset: 0.506 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.51 Mbit/s
95th percentile per-packet one-way delay: 82.960 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 4.51 Mbit/s
95th percentile per-packet one-way delay: 82.960 ms
Loss rate: 0.71%
```

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

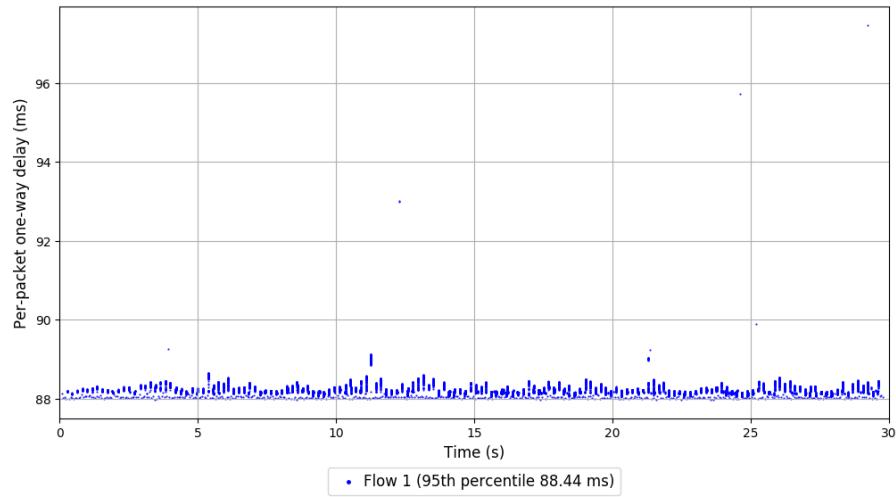
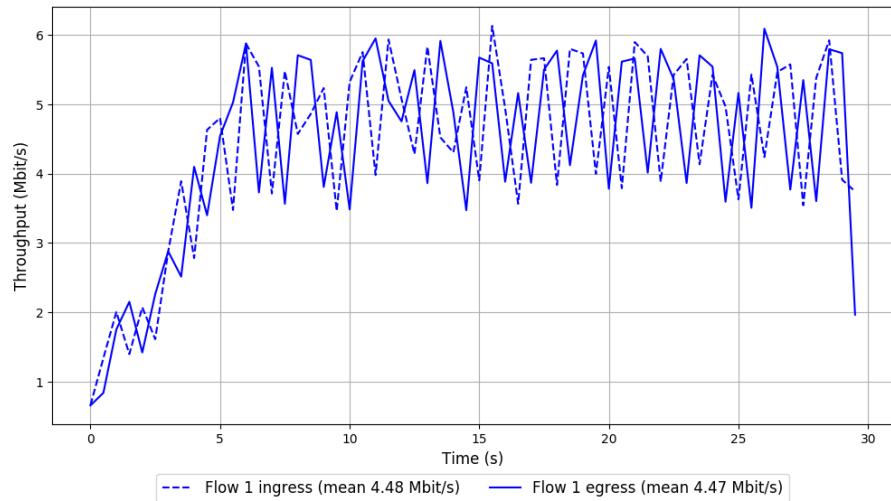


Run 4: Statistics of Sprout

```
Start at: 2017-09-03 02:08:58
End at: 2017-09-03 02:09:28
Local clock offset: 0.115 ms
Remote clock offset: -5.531 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 88.437 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 88.437 ms
Loss rate: 0.70%
```

## Run 4: Report of Sprout — Data Link

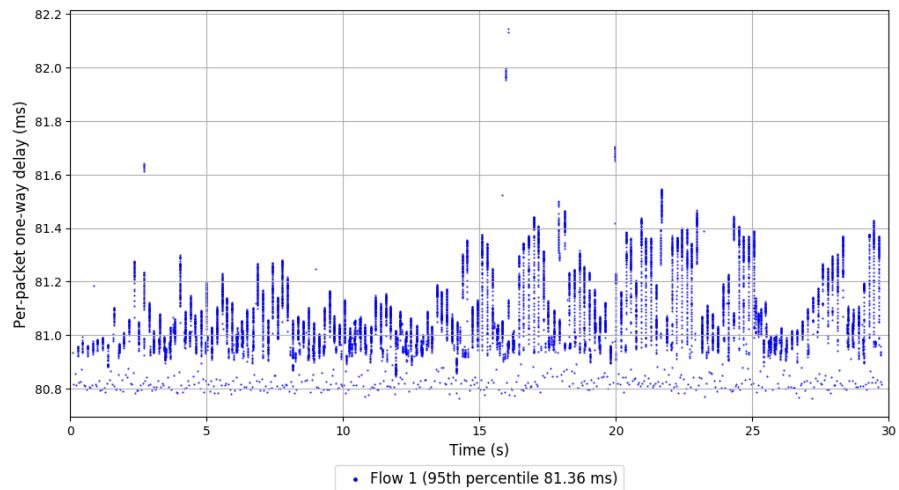
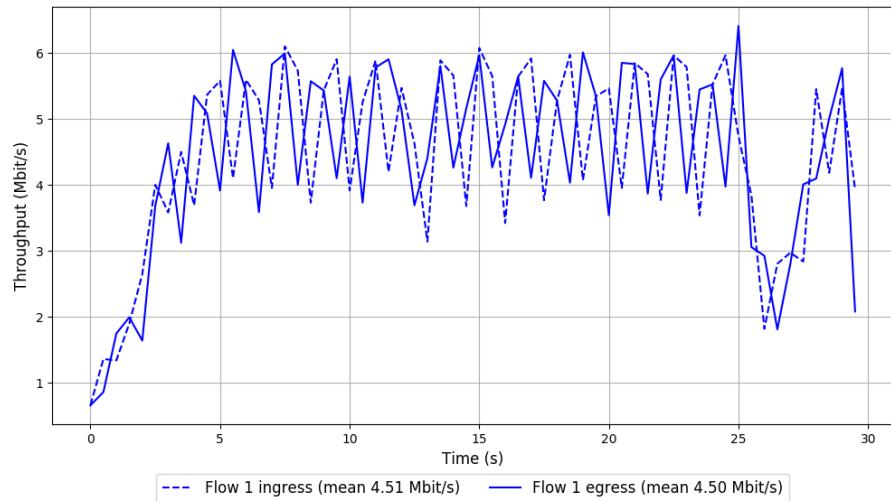


Run 5: Statistics of Sprout

```
Start at: 2017-09-03 02:28:24
End at: 2017-09-03 02:28:54
Local clock offset: 0.163 ms
Remote clock offset: -0.906 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 81.362 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 81.362 ms
Loss rate: 0.78%
```

## Run 5: Report of Sprout — Data Link

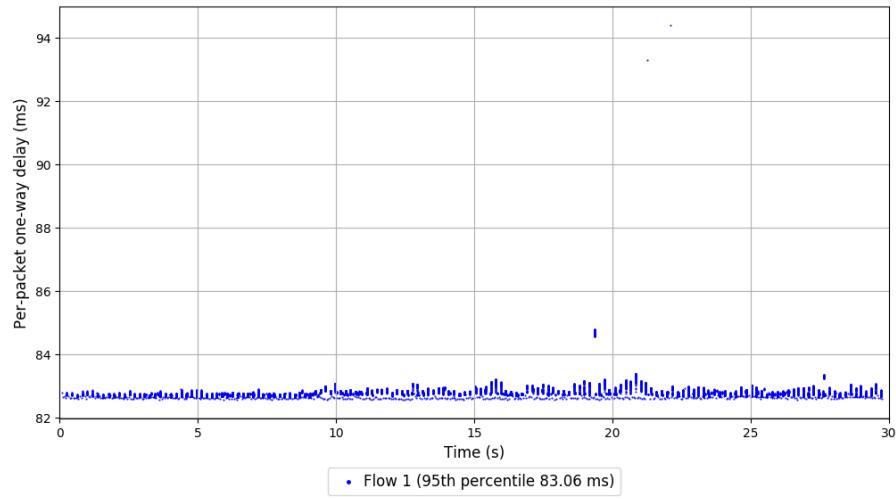
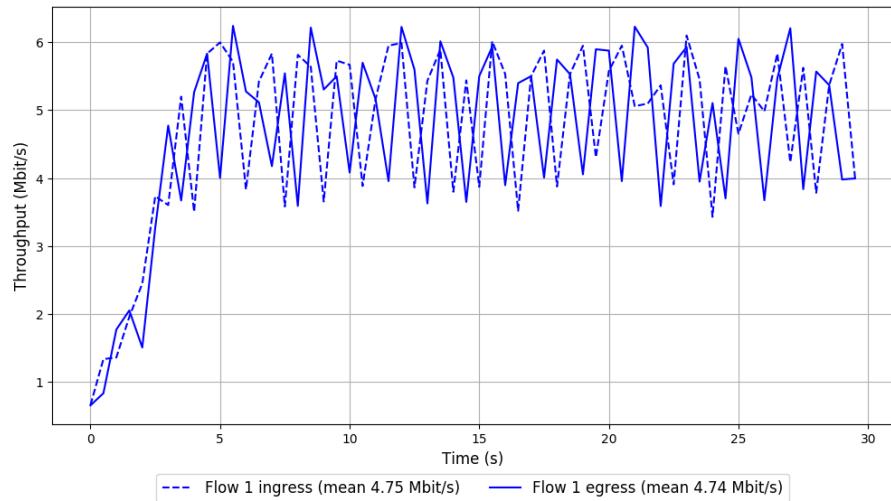


Run 6: Statistics of Sprout

```
Start at: 2017-09-03 02:47:37
End at: 2017-09-03 02:48:07
Local clock offset: 0.176 ms
Remote clock offset: -2.154 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.74 Mbit/s
95th percentile per-packet one-way delay: 83.059 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 4.74 Mbit/s
95th percentile per-packet one-way delay: 83.059 ms
Loss rate: 0.72%
```

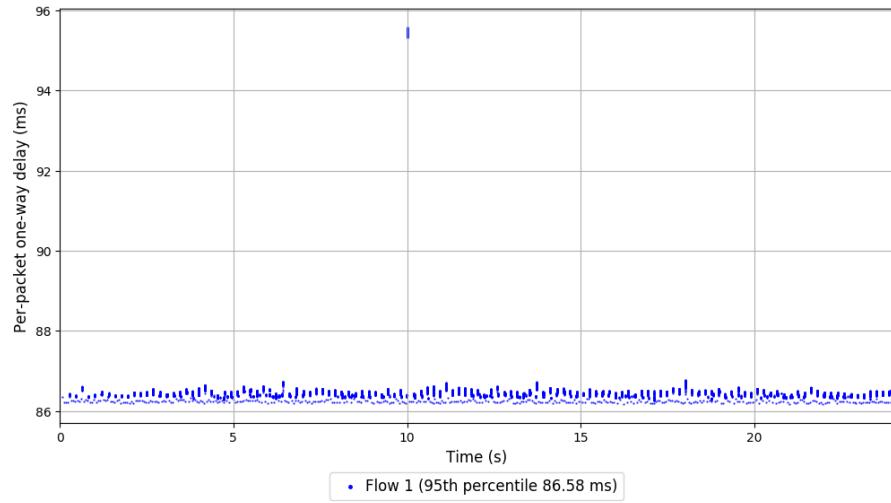
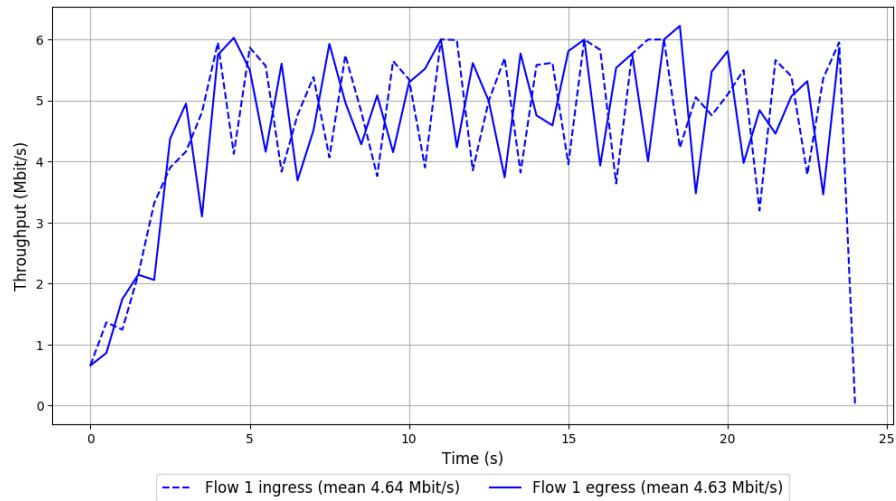
## Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2017-09-03 03:06:57  
End at: 2017-09-03 03:07:27  
Local clock offset: 0.17 ms  
Remote clock offset: -6.297 ms

## Run 7: Report of Sprout — Data Link

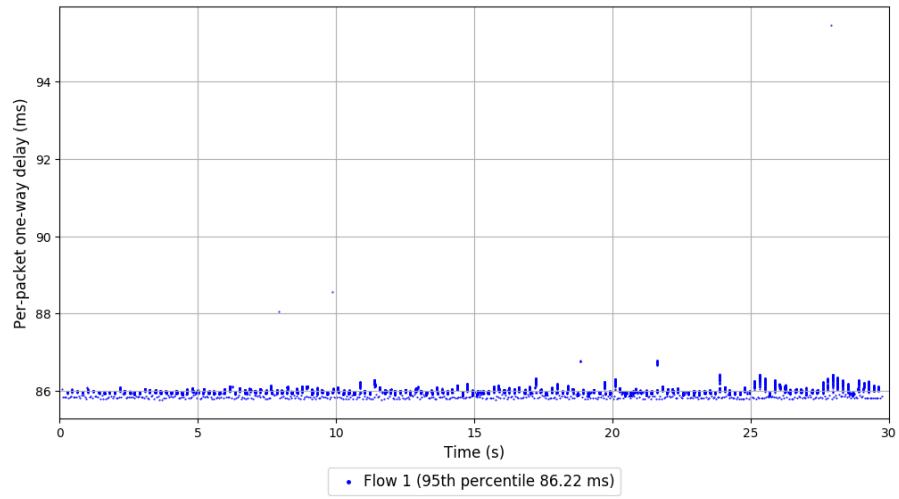
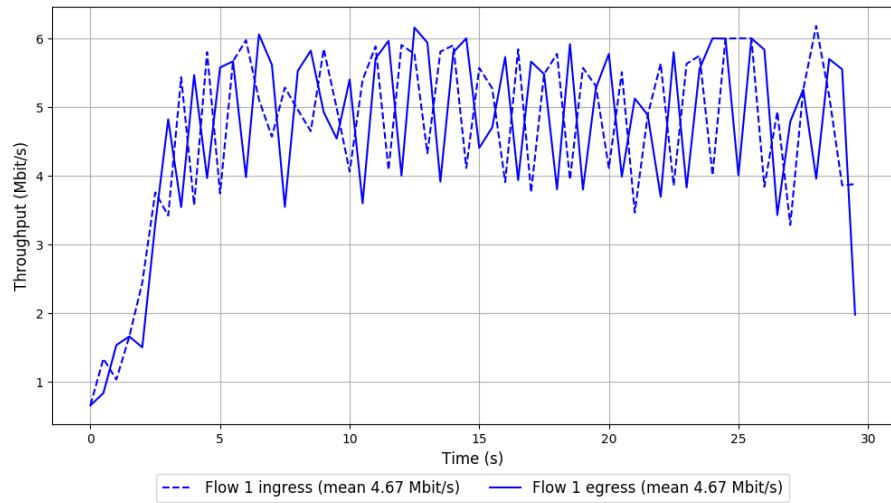


Run 8: Statistics of Sprout

```
Start at: 2017-09-03 03:26:30
End at: 2017-09-03 03:27:00
Local clock offset: 0.276 ms
Remote clock offset: -6.559 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.67 Mbit/s
95th percentile per-packet one-way delay: 86.219 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 4.67 Mbit/s
95th percentile per-packet one-way delay: 86.219 ms
Loss rate: 0.70%
```

Run 8: Report of Sprout — Data Link

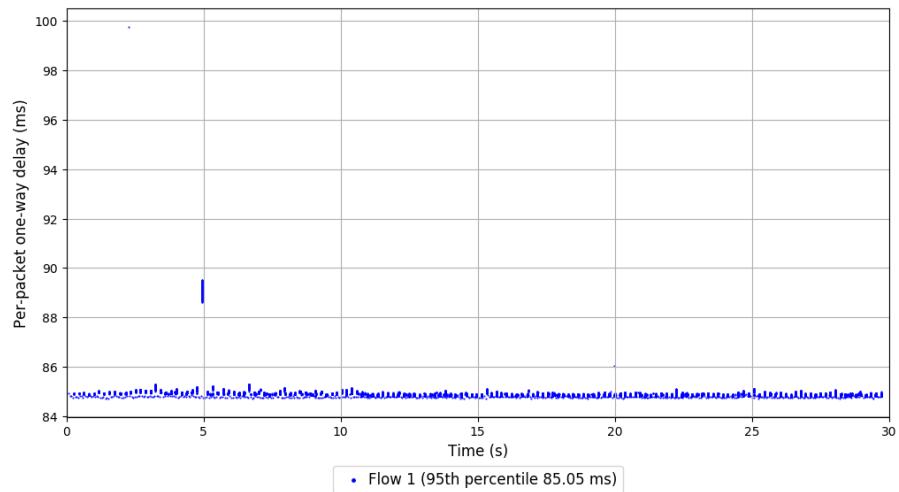
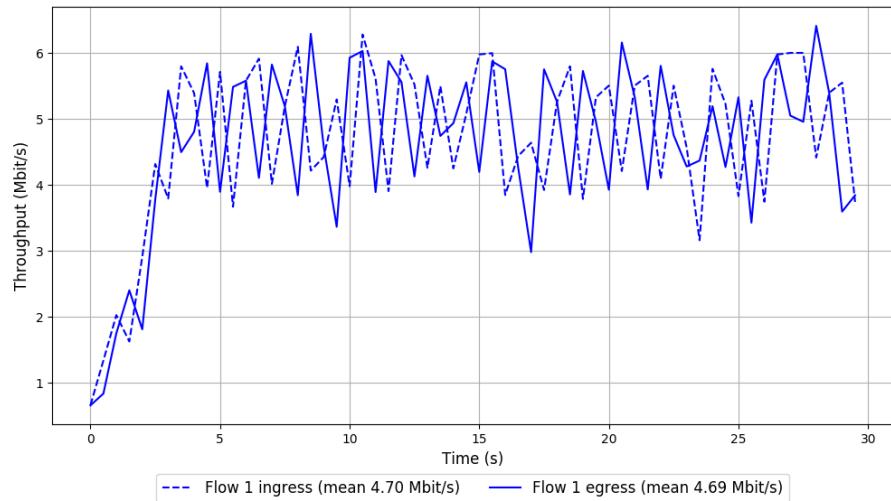


Run 9: Statistics of Sprout

```
Start at: 2017-09-03 03:46:03
End at: 2017-09-03 03:46:33
Local clock offset: 0.299 ms
Remote clock offset: -6.043 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.69 Mbit/s
95th percentile per-packet one-way delay: 85.051 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 4.69 Mbit/s
95th percentile per-packet one-way delay: 85.051 ms
Loss rate: 0.68%
```

Run 9: Report of Sprout — Data Link

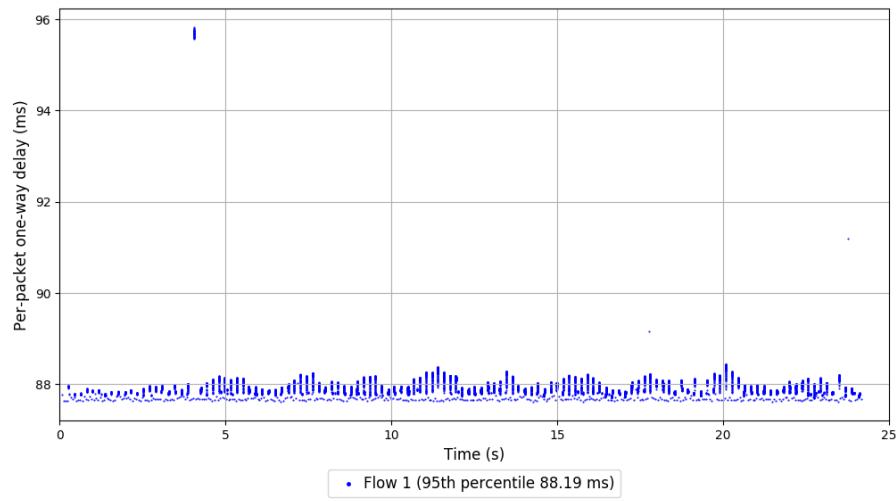
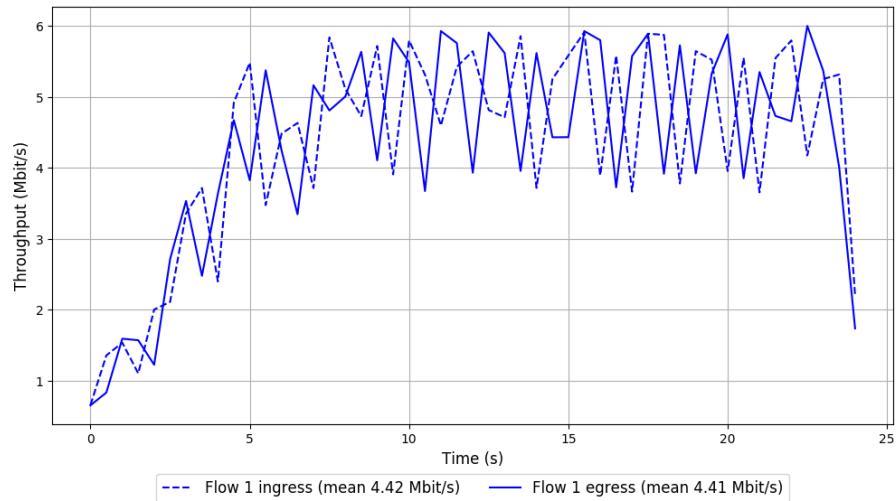


Run 10: Statistics of Sprout

```
Start at: 2017-09-03 04:05:07
End at: 2017-09-03 04:05:37
Local clock offset: 0.261 ms
Remote clock offset: -7.372 ms

# Below is generated by plot.py at 2017-09-03 08:17:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 88.191 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 88.191 ms
Loss rate: 0.83%
```

Run 10: Report of Sprout — Data Link

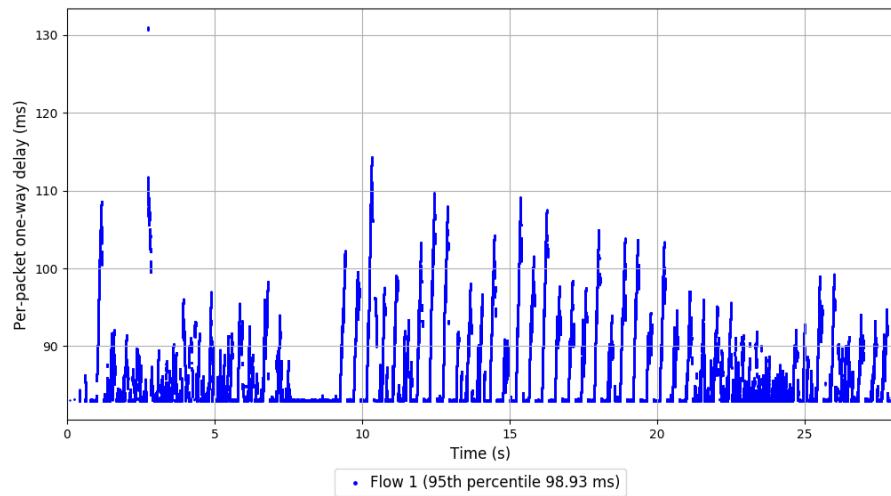
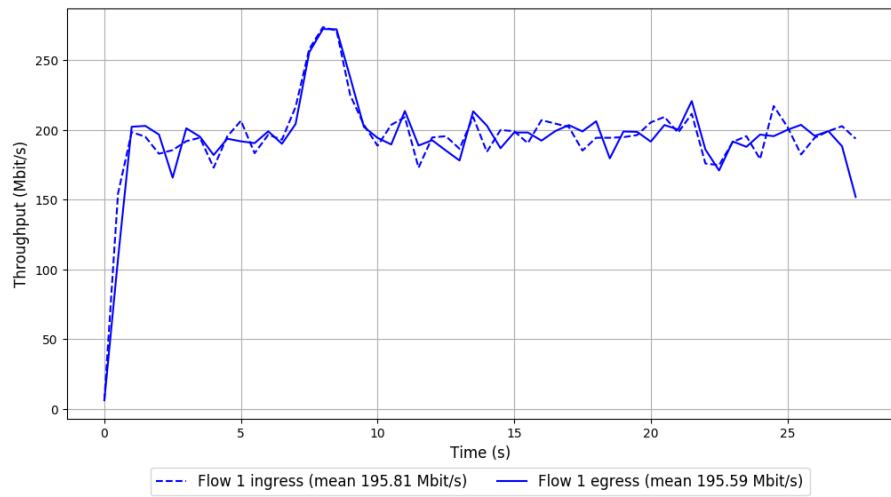


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-09-03 01:07:57
End at: 2017-09-03 01:08:27
Local clock offset: 0.197 ms
Remote clock offset: -0.65 ms

# Below is generated by plot.py at 2017-09-03 08:18:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 195.59 Mbit/s
95th percentile per-packet one-way delay: 98.928 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 195.59 Mbit/s
95th percentile per-packet one-way delay: 98.928 ms
Loss rate: 0.72%
```

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

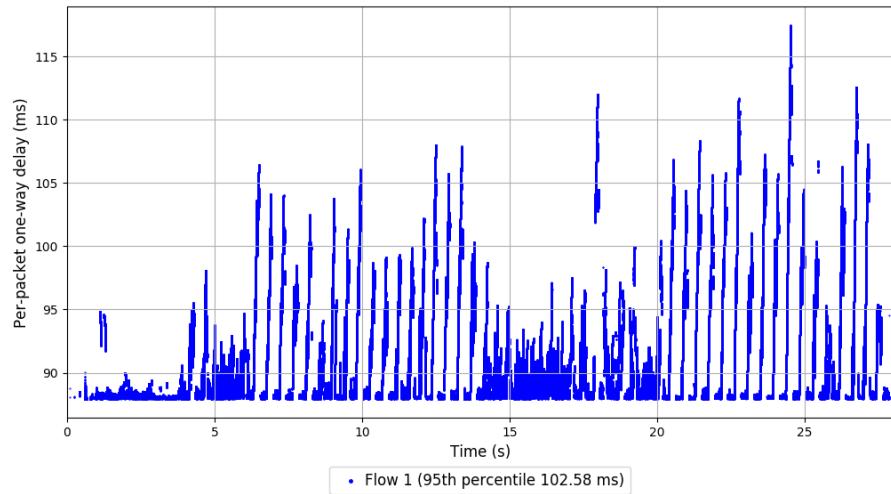
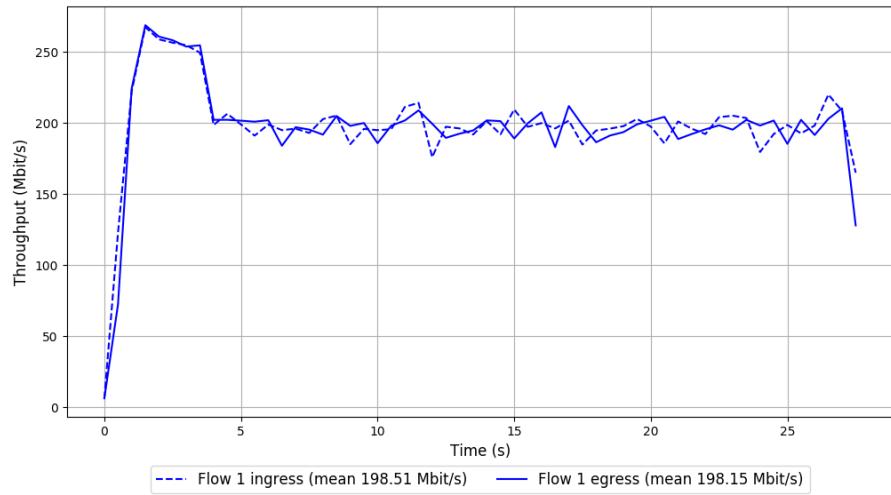


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-09-03 01:27:26
End at: 2017-09-03 01:27:56
Local clock offset: 0.253 ms
Remote clock offset: -5.248 ms

# Below is generated by plot.py at 2017-09-03 08:18:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 198.15 Mbit/s
95th percentile per-packet one-way delay: 102.580 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 198.15 Mbit/s
95th percentile per-packet one-way delay: 102.580 ms
Loss rate: 0.77%
```

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

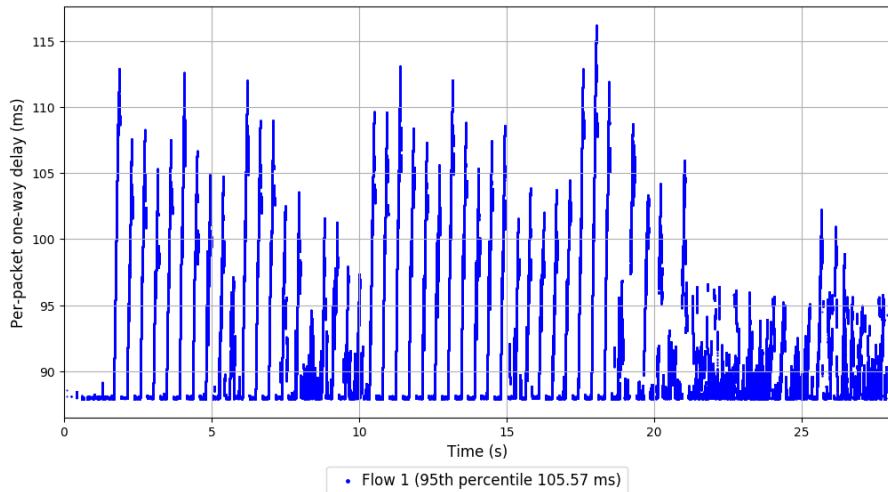
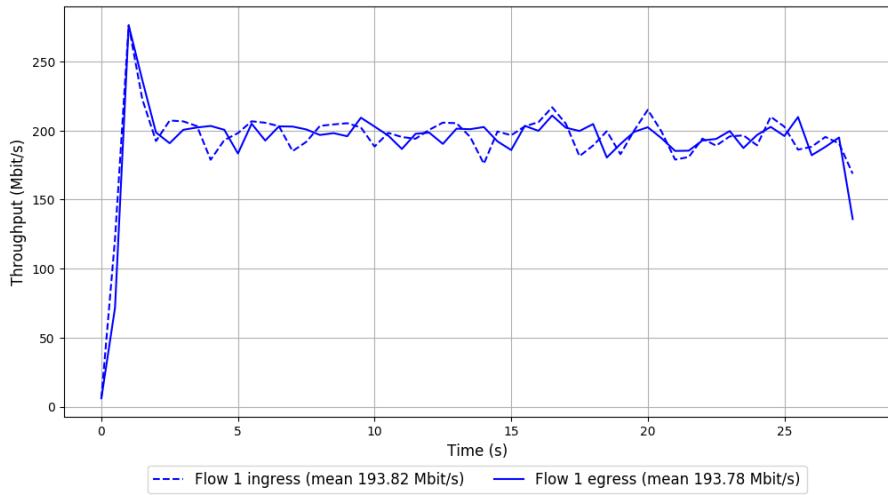


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-09-03 01:46:39
End at: 2017-09-03 01:47:09
Local clock offset: 0.276 ms
Remote clock offset: -5.213 ms

# Below is generated by plot.py at 2017-09-03 08:19:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 193.78 Mbit/s
95th percentile per-packet one-way delay: 105.572 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 193.78 Mbit/s
95th percentile per-packet one-way delay: 105.572 ms
Loss rate: 0.61%
```

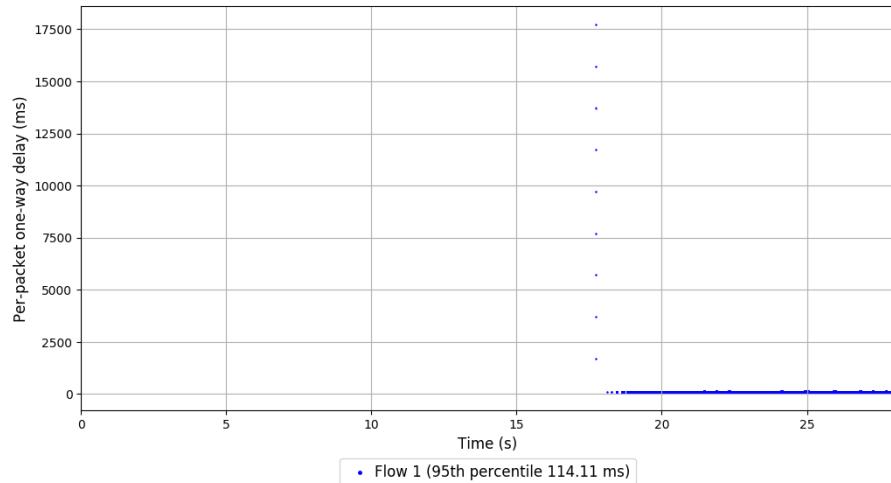
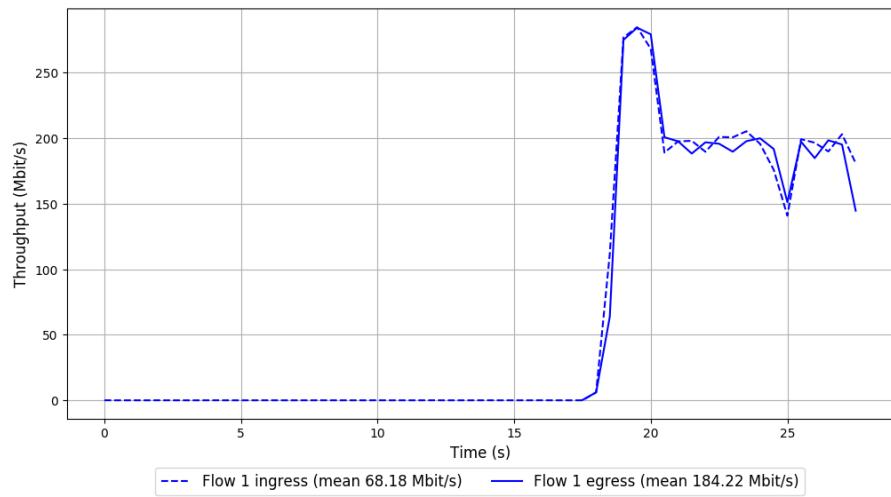
Run 3: Report of TaoVA-100x — Data Link



Run 4: Statistics of TaoVA-100x

Start at: 2017-09-03 02:06:30  
End at: 2017-09-03 02:07:00  
Local clock offset: 0.192 ms  
Remote clock offset: -5.499 ms

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

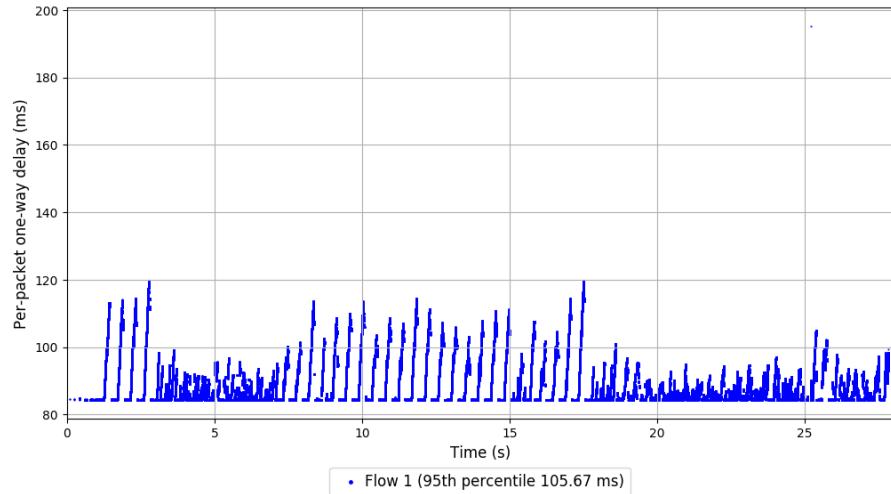
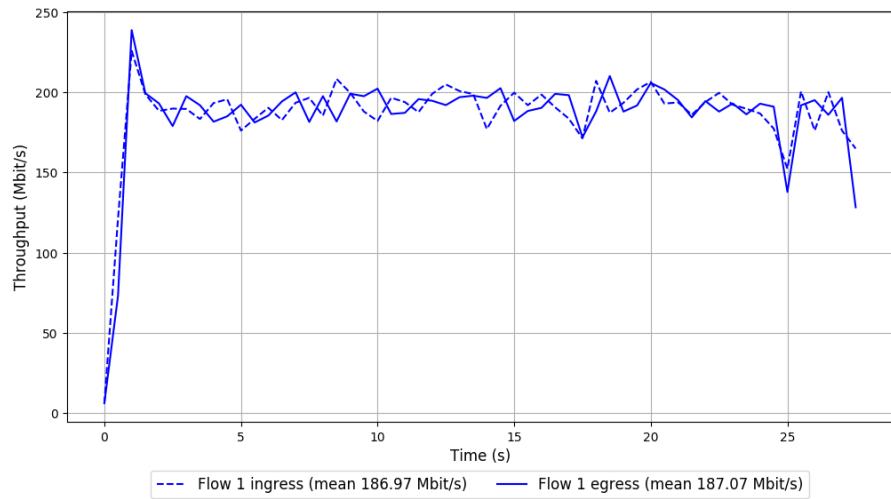


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-09-03 02:25:39
End at: 2017-09-03 02:26:09
Local clock offset: 0.097 ms
Remote clock offset: -1.747 ms

# Below is generated by plot.py at 2017-09-03 08:19:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 187.07 Mbit/s
95th percentile per-packet one-way delay: 105.672 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 187.07 Mbit/s
95th percentile per-packet one-way delay: 105.672 ms
Loss rate: 0.55%
```

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

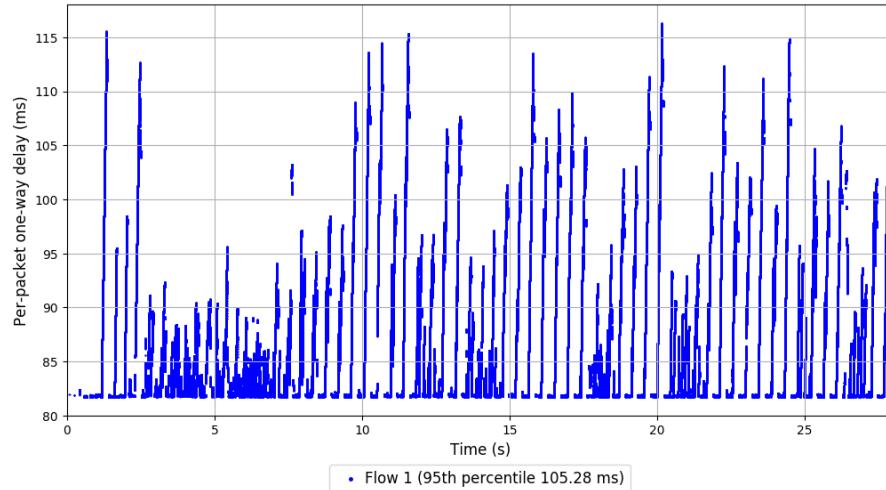
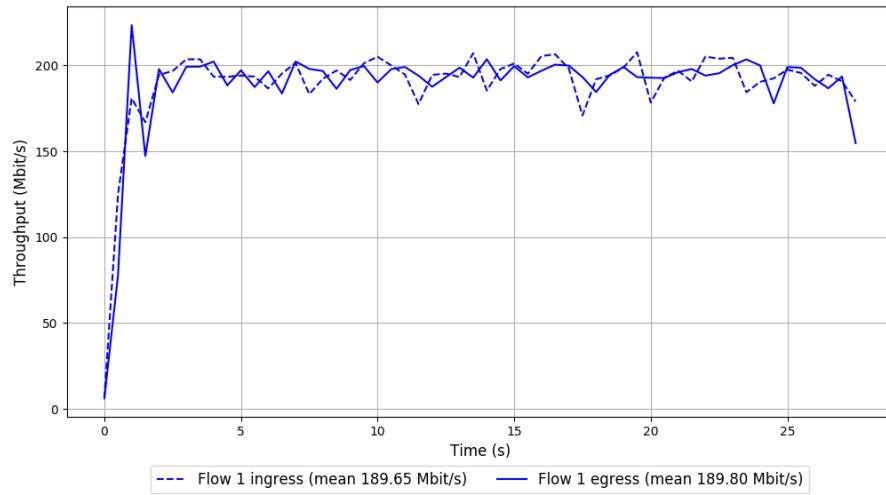


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-09-03 02:44:55
End at: 2017-09-03 02:45:25
Local clock offset: 0.19 ms
Remote clock offset: -1.179 ms

# Below is generated by plot.py at 2017-09-03 08:19:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 189.80 Mbit/s
95th percentile per-packet one-way delay: 105.278 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 189.80 Mbit/s
95th percentile per-packet one-way delay: 105.278 ms
Loss rate: 0.54%
```

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

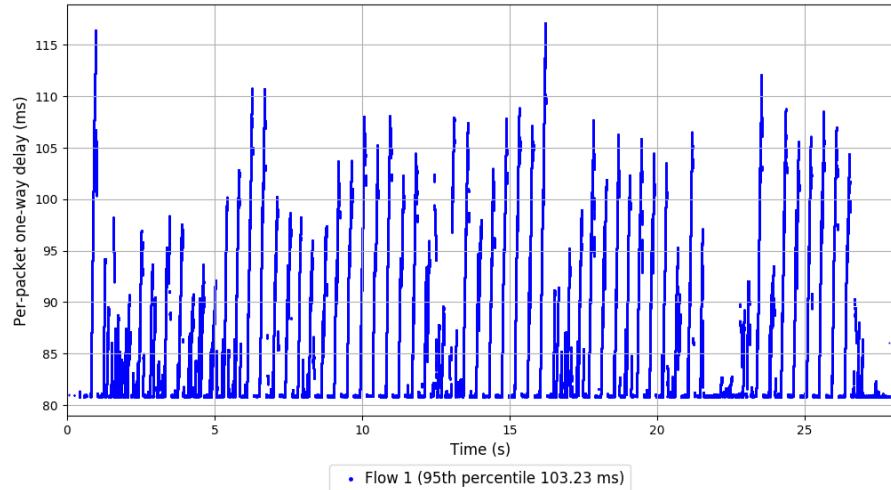
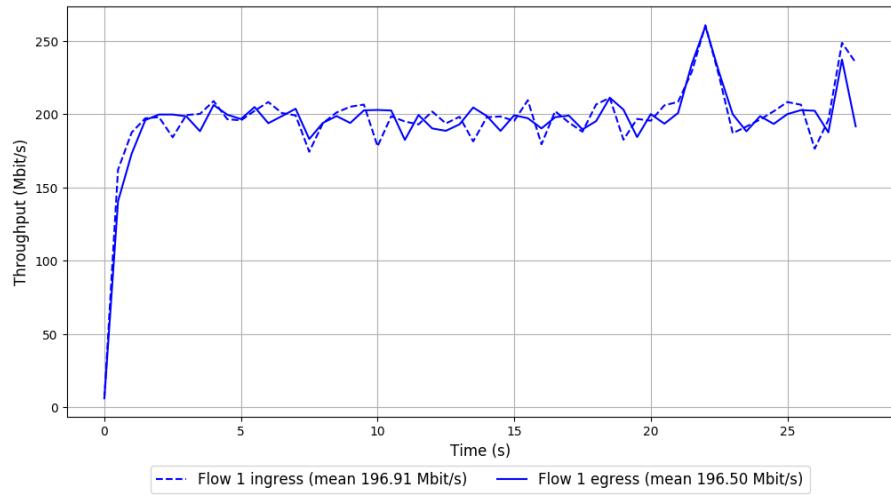


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-09-03 03:04:14
End at: 2017-09-03 03:04:44
Local clock offset: 0.189 ms
Remote clock offset: -1.399 ms

# Below is generated by plot.py at 2017-09-03 08:20:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 196.50 Mbit/s
95th percentile per-packet one-way delay: 103.234 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 196.50 Mbit/s
95th percentile per-packet one-way delay: 103.234 ms
Loss rate: 0.80%
```

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

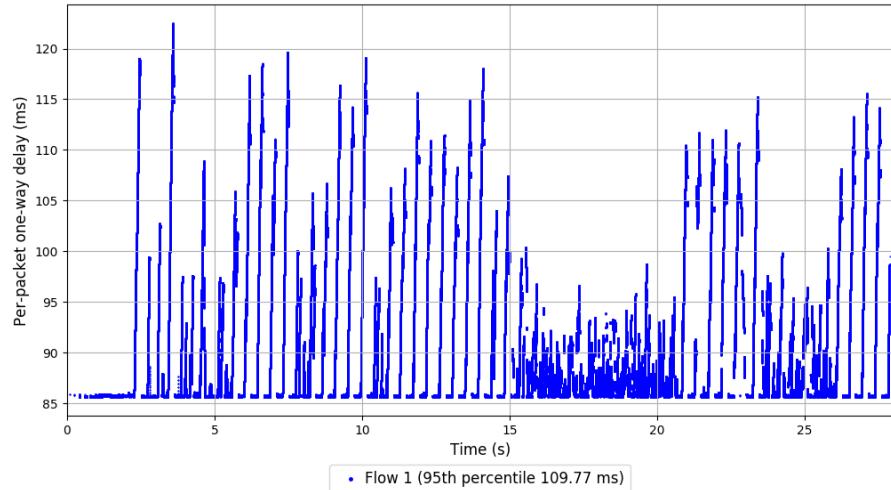
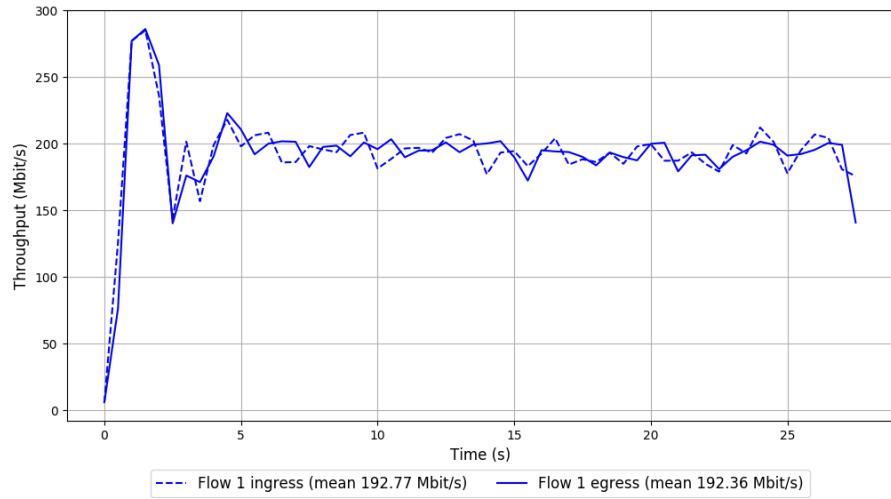


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-09-03 03:23:42
End at: 2017-09-03 03:24:12
Local clock offset: 0.237 ms
Remote clock offset: -5.672 ms

# Below is generated by plot.py at 2017-09-03 08:20:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 192.36 Mbit/s
95th percentile per-packet one-way delay: 109.774 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 192.36 Mbit/s
95th percentile per-packet one-way delay: 109.774 ms
Loss rate: 0.63%
```

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

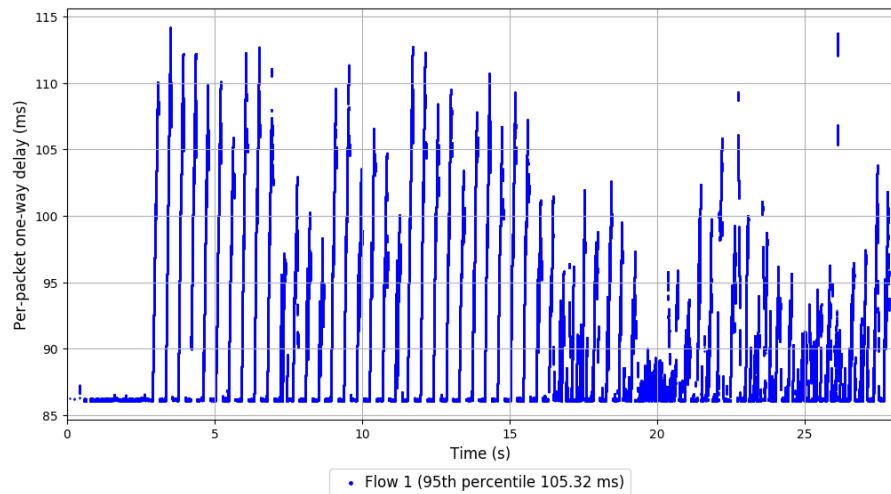
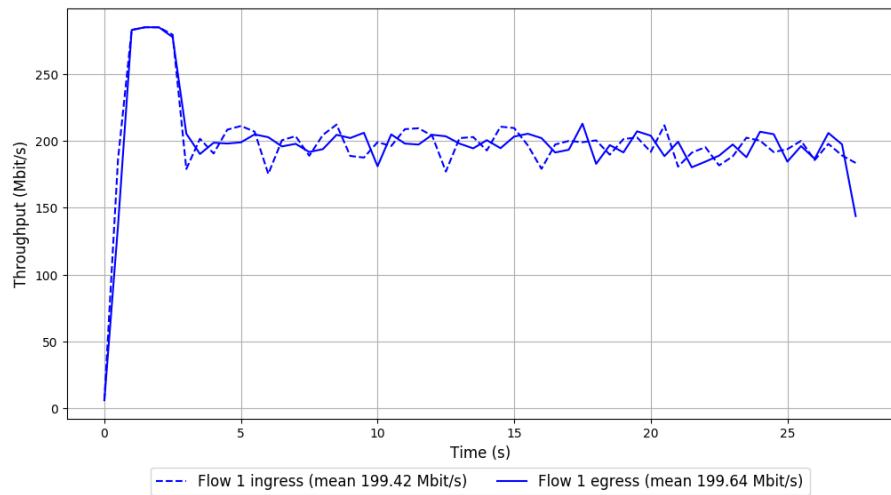


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-09-03 03:43:15
End at: 2017-09-03 03:43:45
Local clock offset: 0.27 ms
Remote clock offset: -6.897 ms

# Below is generated by plot.py at 2017-09-03 08:21:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 199.64 Mbit/s
95th percentile per-packet one-way delay: 105.323 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 199.64 Mbit/s
95th percentile per-packet one-way delay: 105.323 ms
Loss rate: 0.56%
```

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

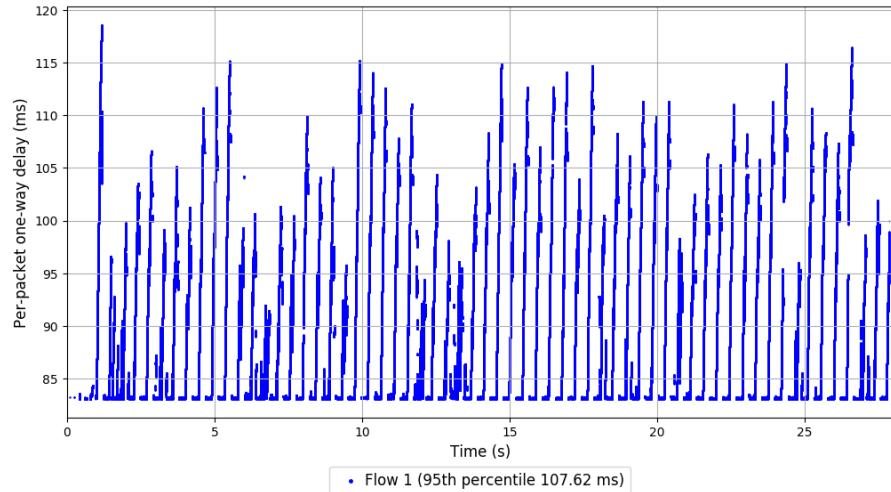
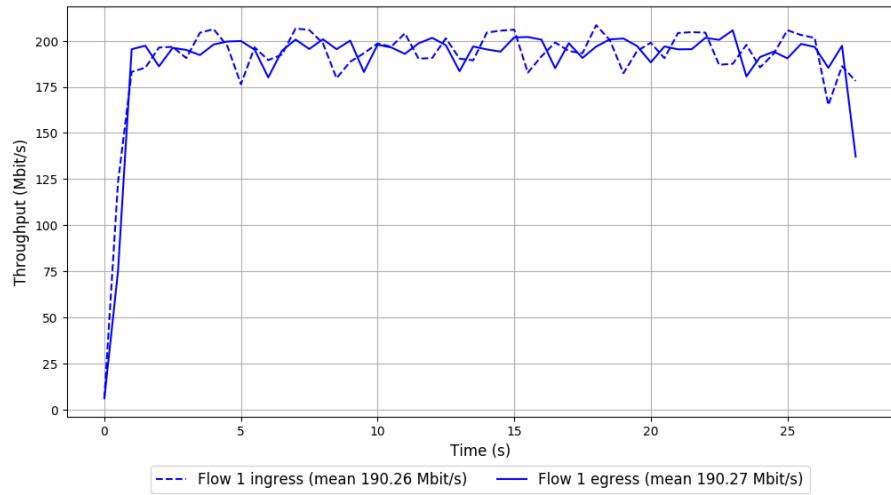


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-09-03 04:02:27
End at: 2017-09-03 04:02:57
Local clock offset: 0.245 ms
Remote clock offset: -2.508 ms

# Below is generated by plot.py at 2017-09-03 08:21:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 190.27 Mbit/s
95th percentile per-packet one-way delay: 107.619 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 190.27 Mbit/s
95th percentile per-packet one-way delay: 107.619 ms
Loss rate: 0.60%
```

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

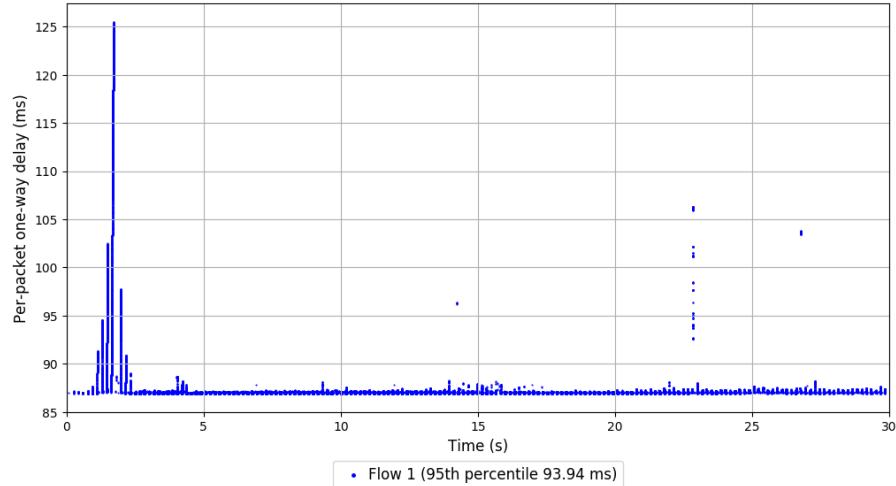
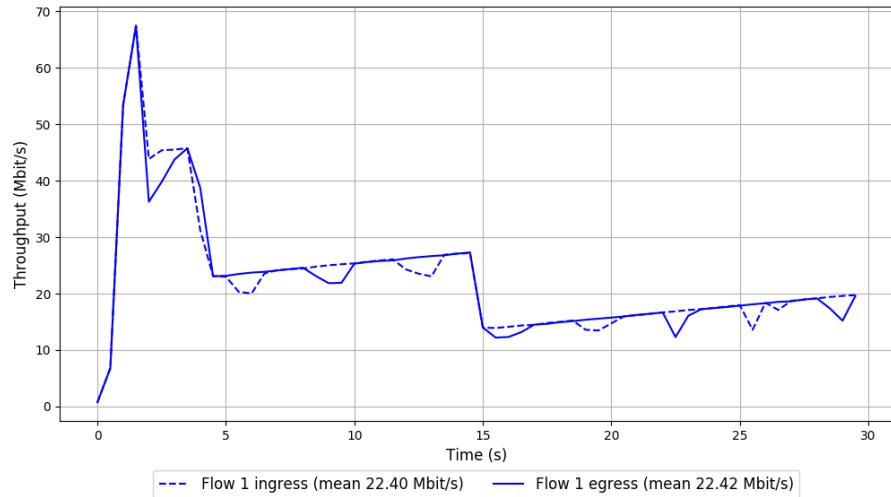


Run 1: Statistics of TCP Vegas

```
Start at: 2017-09-03 01:06:46
End at: 2017-09-03 01:07:16
Local clock offset: 0.216 ms
Remote clock offset: -4.607 ms

# Below is generated by plot.py at 2017-09-03 08:21:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.42 Mbit/s
95th percentile per-packet one-way delay: 93.939 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 22.42 Mbit/s
95th percentile per-packet one-way delay: 93.939 ms
Loss rate: 0.50%
```

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

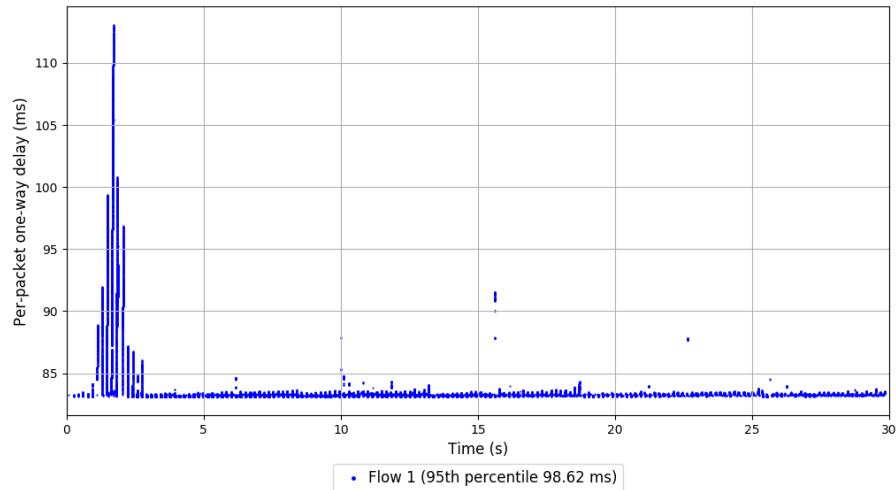
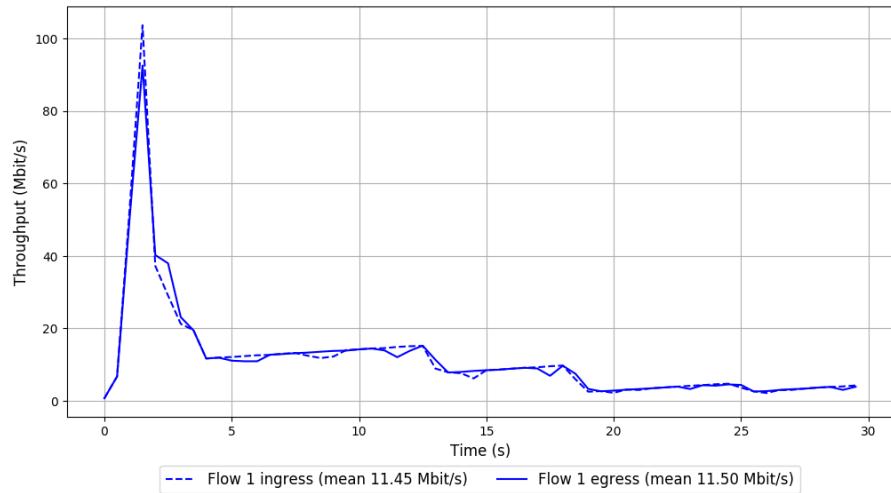


Run 2: Statistics of TCP Vegas

```
Start at: 2017-09-03 01:26:15
End at: 2017-09-03 01:26:45
Local clock offset: 0.271 ms
Remote clock offset: -0.424 ms

# Below is generated by plot.py at 2017-09-03 08:21:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.50 Mbit/s
95th percentile per-packet one-way delay: 98.620 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 11.50 Mbit/s
95th percentile per-packet one-way delay: 98.620 ms
Loss rate: 0.24%
```

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

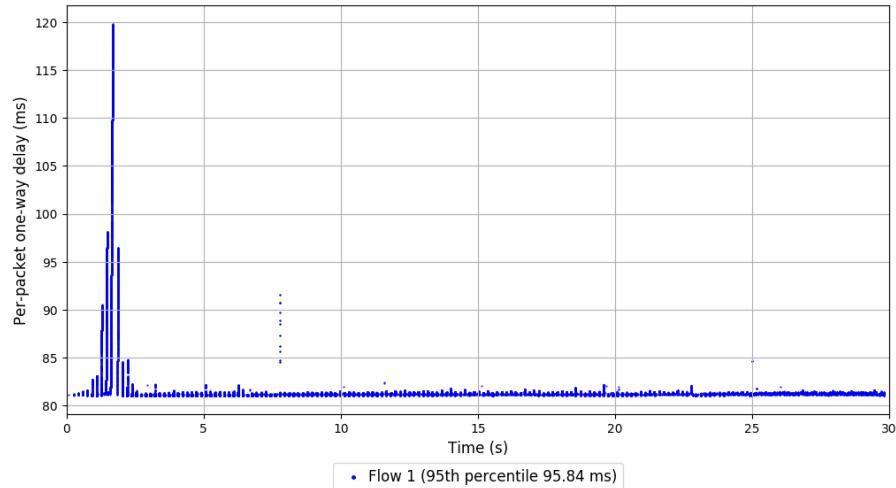
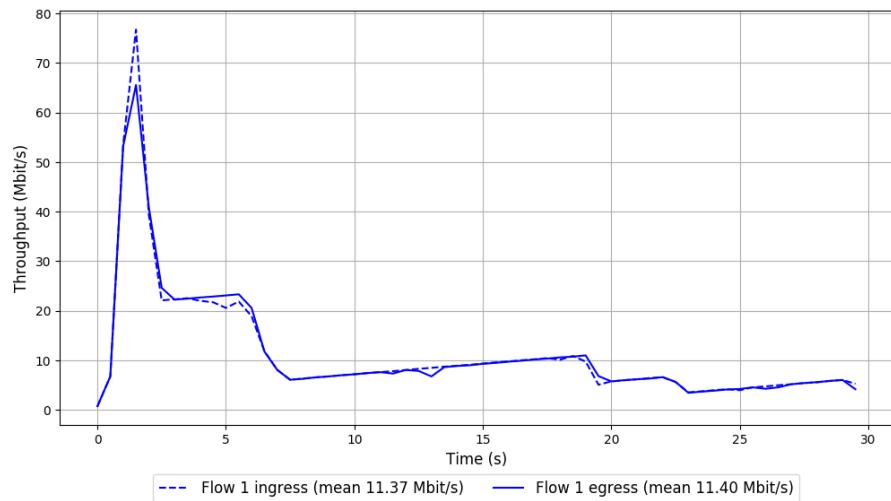


Run 3: Statistics of TCP Vegas

```
Start at: 2017-09-03 01:45:28
End at: 2017-09-03 01:45:58
Local clock offset: 0.291 ms
Remote clock offset: -0.345 ms

# Below is generated by plot.py at 2017-09-03 08:21:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.40 Mbit/s
95th percentile per-packet one-way delay: 95.841 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 11.40 Mbit/s
95th percentile per-packet one-way delay: 95.841 ms
Loss rate: 0.34%
```

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



Run 4: Statistics of TCP Vegas

Start at: 2017-09-03 02:05:20

End at: 2017-09-03 02:05:50

Local clock offset: 0.171 ms

Remote clock offset: 0.259 ms

Run 4: Report of TCP Vegas — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of TCP Vegas

Start at: 2017-09-03 02:24:30

End at: 2017-09-03 02:25:00

Local clock offset: 0.17 ms

Remote clock offset: -1.683 ms

Run 5: Report of TCP Vegas — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of TCP Vegas

Start at: 2017-09-03 02:43:46

End at: 2017-09-03 02:44:16

Local clock offset: 0.161 ms

Remote clock offset: -5.945 ms

Run 6: Report of TCP Vegas — Data Link

Figure is missing

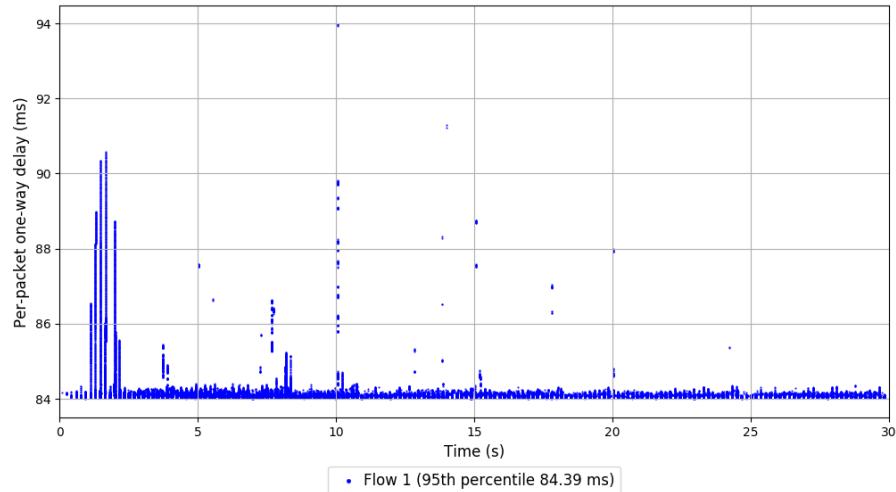
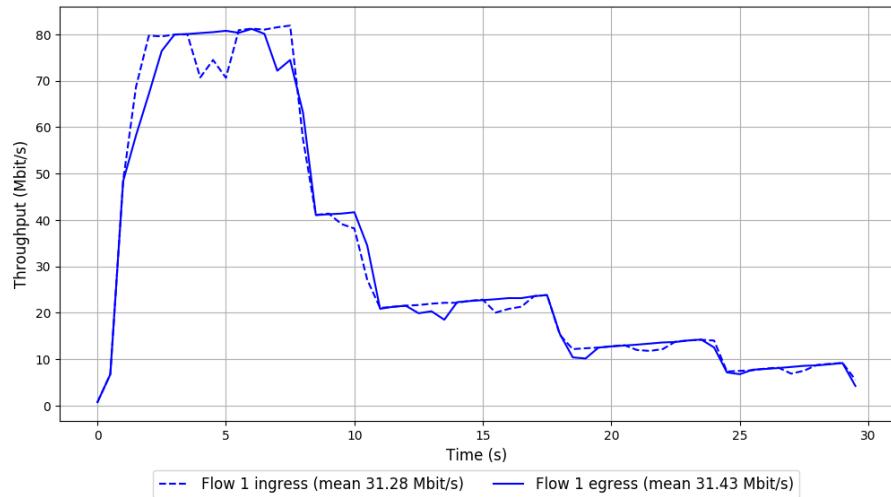
Figure is missing

Run 7: Statistics of TCP Vegas

```
Start at: 2017-09-03 03:03:02
End at: 2017-09-03 03:03:32
Local clock offset: 0.186 ms
Remote clock offset: -2.356 ms

# Below is generated by plot.py at 2017-09-03 08:21:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 84.394 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 84.394 ms
Loss rate: 0.09%
```

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

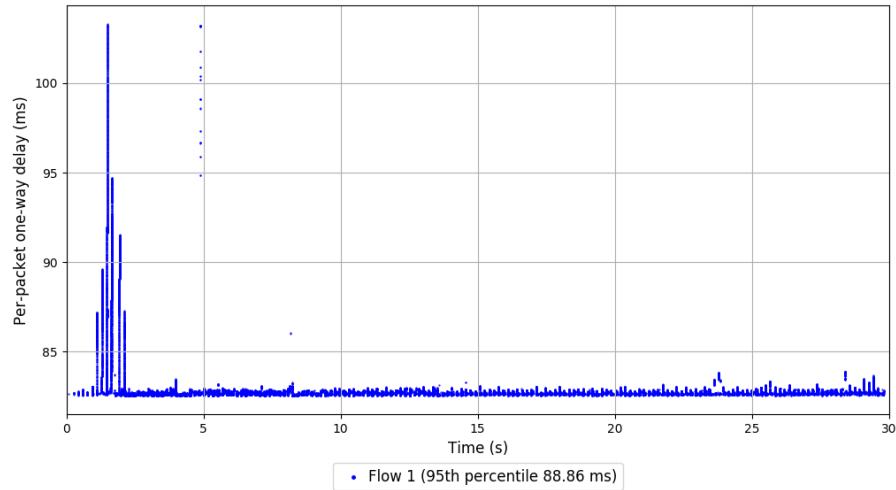
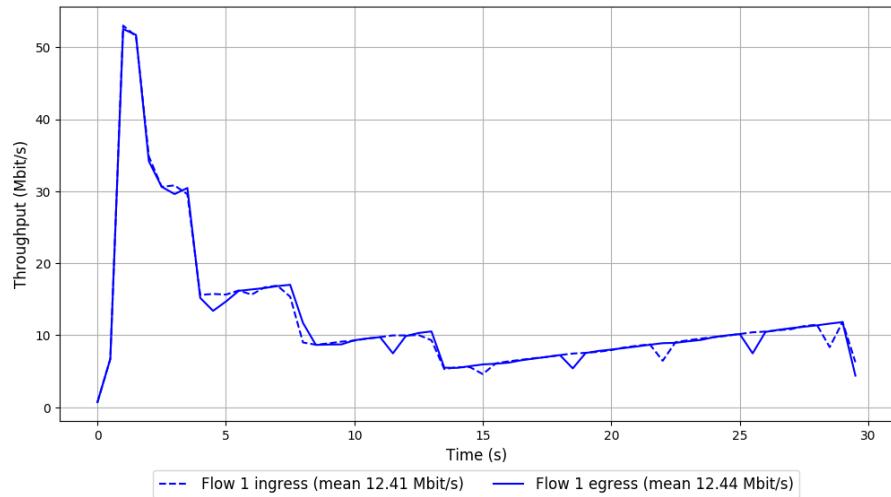


Run 8: Statistics of TCP Vegas

```
Start at: 2017-09-03 03:22:32
End at: 2017-09-03 03:23:02
Local clock offset: 0.158 ms
Remote clock offset: -0.823 ms

# Below is generated by plot.py at 2017-09-03 08:21:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 88.859 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 88.859 ms
Loss rate: 0.29%
```

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

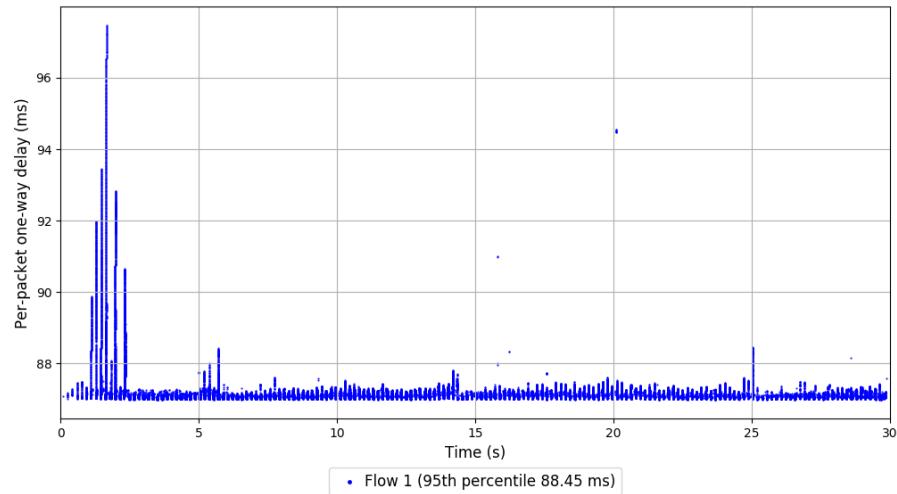
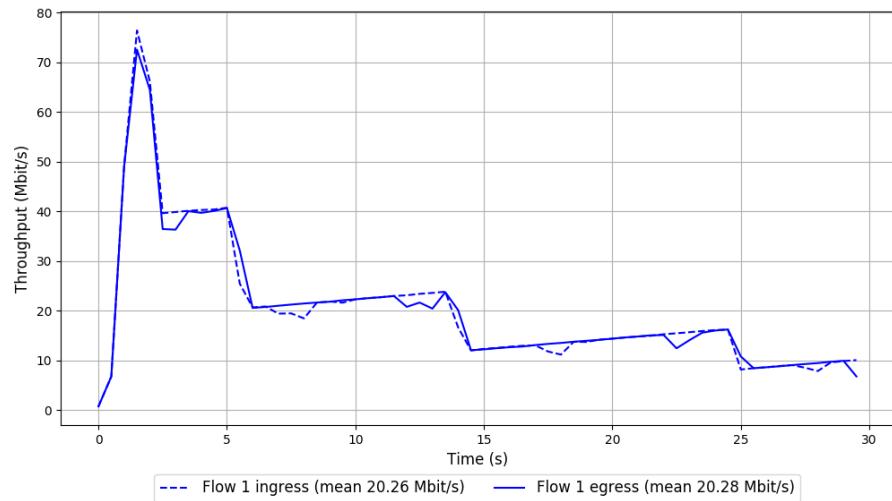


Run 9: Statistics of TCP Vegas

```
Start at: 2017-09-03 03:42:03
End at: 2017-09-03 03:42:33
Local clock offset: 0.276 ms
Remote clock offset: -5.976 ms

# Below is generated by plot.py at 2017-09-03 08:21:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.28 Mbit/s
95th percentile per-packet one-way delay: 88.451 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 20.28 Mbit/s
95th percentile per-packet one-way delay: 88.451 ms
Loss rate: 0.29%
```

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

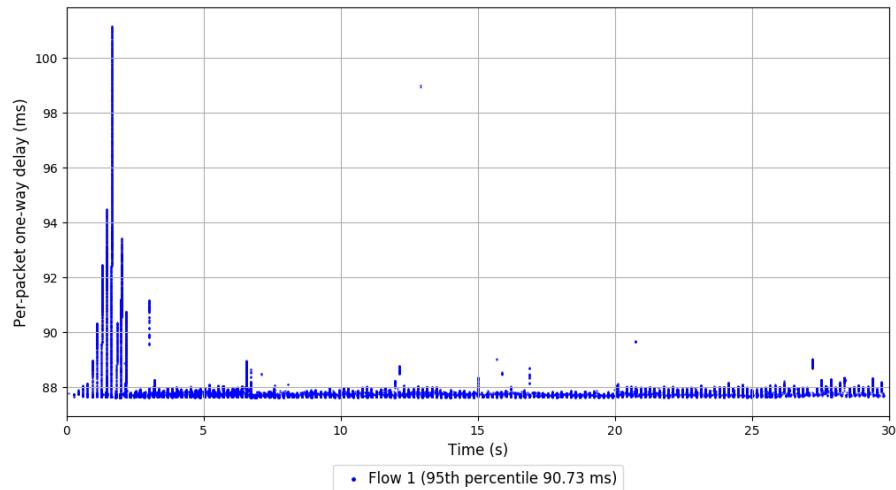
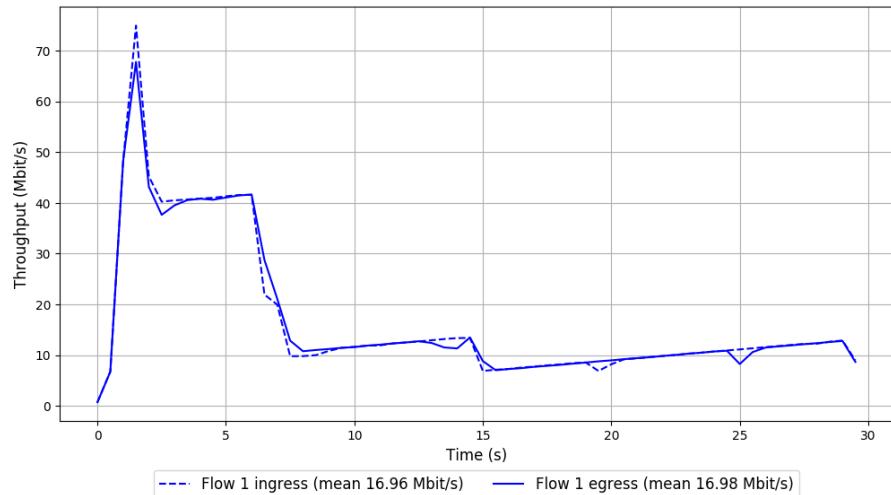


Run 10: Statistics of TCP Vegas

```
Start at: 2017-09-03 04:01:16
End at: 2017-09-03 04:01:46
Local clock offset: 0.236 ms
Remote clock offset: -7.251 ms

# Below is generated by plot.py at 2017-09-03 08:21:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.98 Mbit/s
95th percentile per-packet one-way delay: 90.729 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 16.98 Mbit/s
95th percentile per-packet one-way delay: 90.729 ms
Loss rate: 0.44%
```

Run 10: Report of TCP Vegas — Data Link

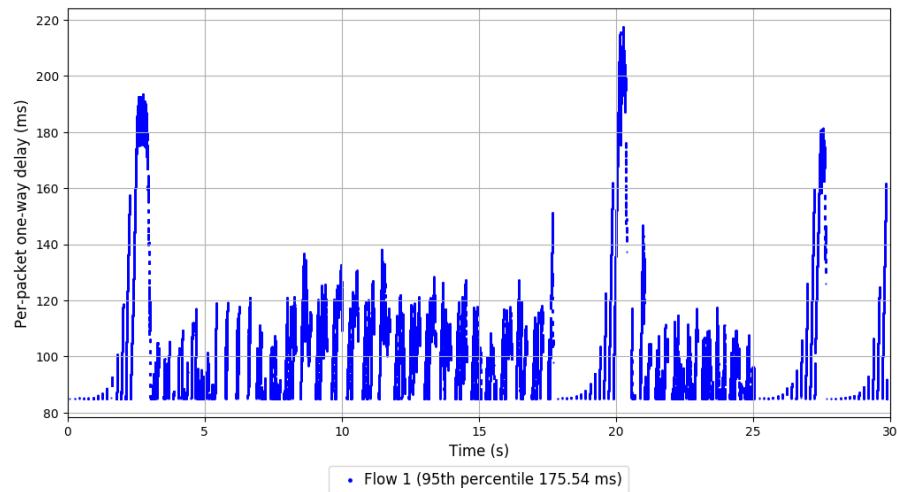
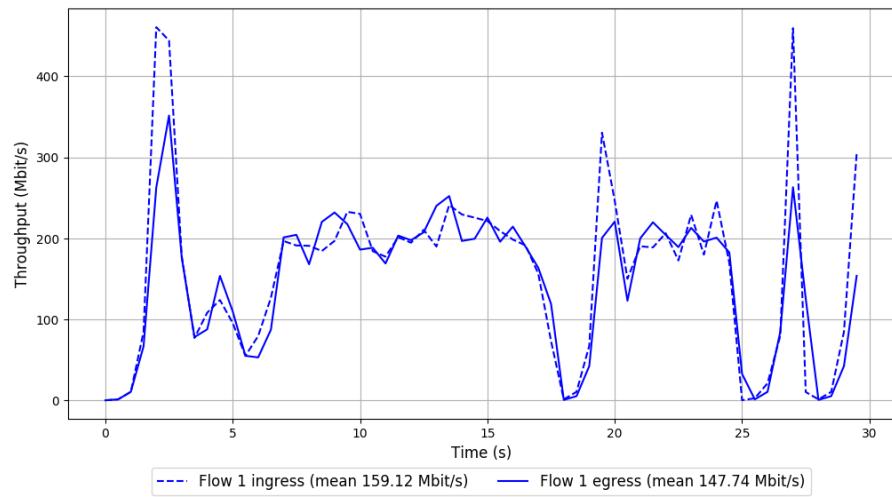


Run 1: Statistics of Verus

```
Start at: 2017-09-03 01:05:24
End at: 2017-09-03 01:05:54
Local clock offset: 0.208 ms
Remote clock offset: -4.642 ms

# Below is generated by plot.py at 2017-09-03 08:21:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 147.74 Mbit/s
95th percentile per-packet one-way delay: 175.540 ms
Loss rate: 7.67%
-- Flow 1:
Average throughput: 147.74 Mbit/s
95th percentile per-packet one-way delay: 175.540 ms
Loss rate: 7.67%
```

Run 1: Report of Verus — Data Link

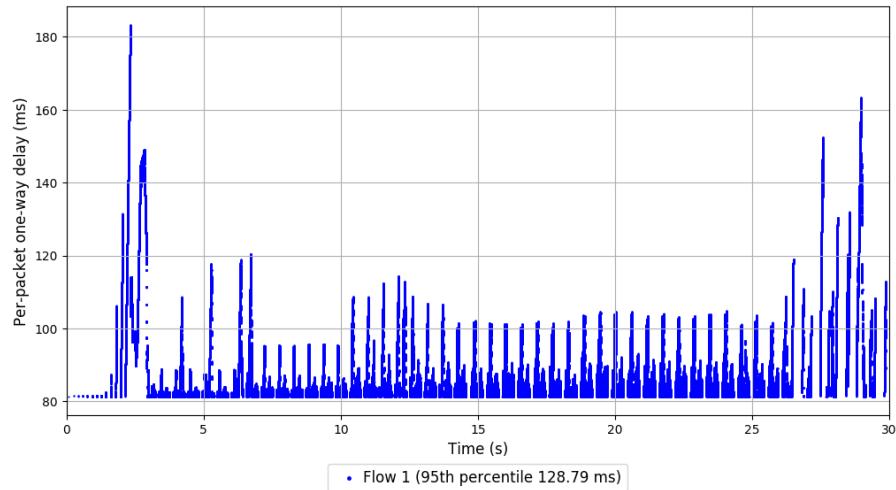
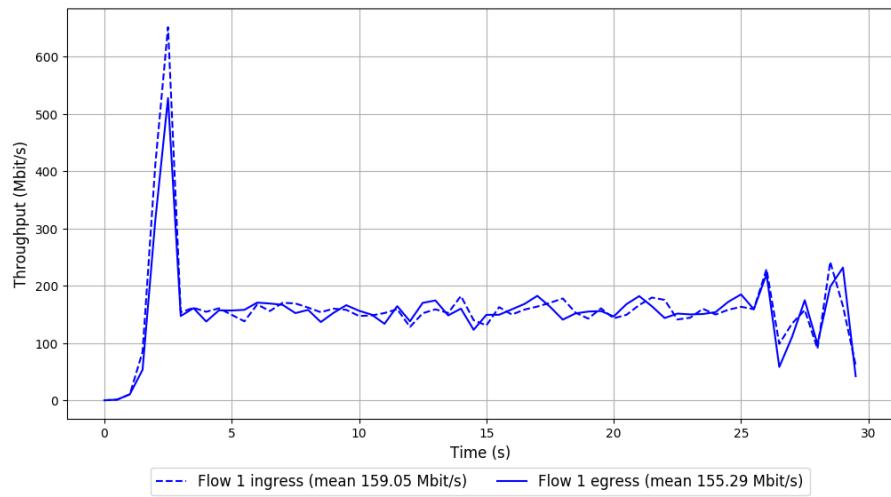


Run 2: Statistics of Verus

```
Start at: 2017-09-03 01:24:35
End at: 2017-09-03 01:25:05
Local clock offset: 0.263 ms
Remote clock offset: -0.451 ms

# Below is generated by plot.py at 2017-09-03 08:21:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 155.29 Mbit/s
95th percentile per-packet one-way delay: 128.788 ms
Loss rate: 2.92%
-- Flow 1:
Average throughput: 155.29 Mbit/s
95th percentile per-packet one-way delay: 128.788 ms
Loss rate: 2.92%
```

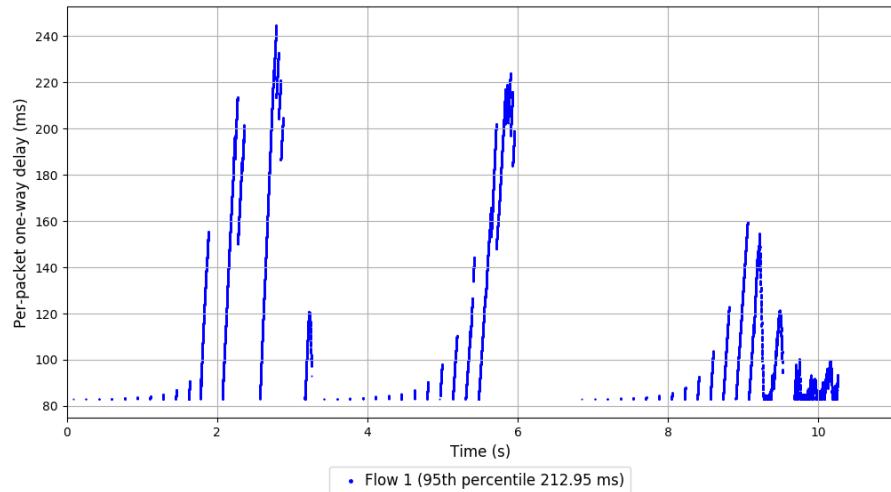
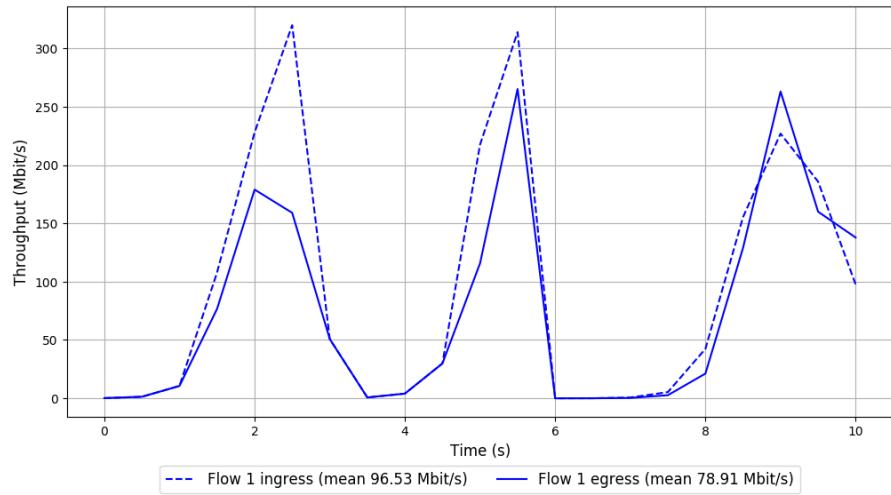
## Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-09-03 01:44:14  
End at: 2017-09-03 01:44:44  
Local clock offset: 0.264 ms  
Remote clock offset: -0.358 ms

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

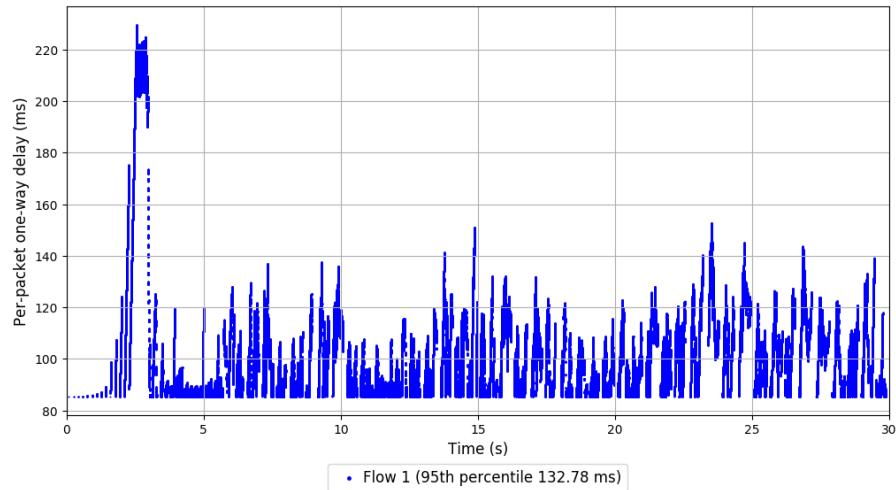
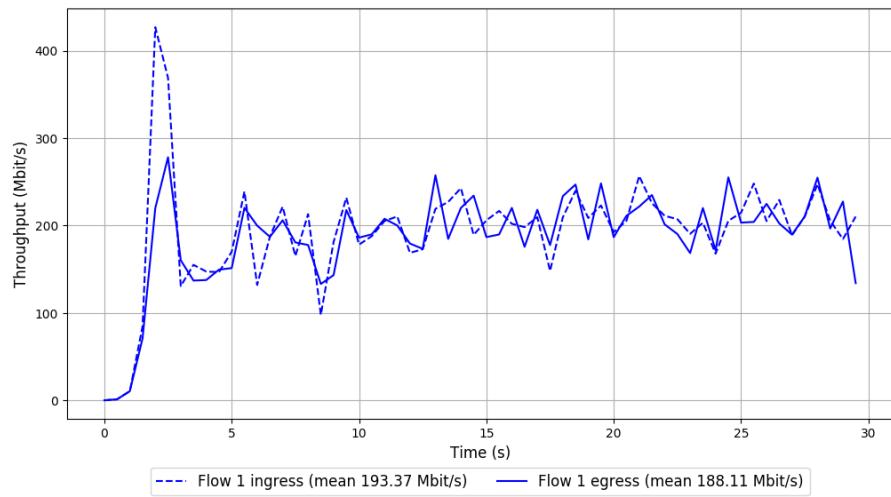


Run 4: Statistics of Verus

```
Start at: 2017-09-03 02:03:50
End at: 2017-09-03 02:04:20
Local clock offset: 0.16 ms
Remote clock offset: -4.546 ms

# Below is generated by plot.py at 2017-09-03 08:22:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 188.11 Mbit/s
95th percentile per-packet one-way delay: 132.778 ms
Loss rate: 3.25%
-- Flow 1:
Average throughput: 188.11 Mbit/s
95th percentile per-packet one-way delay: 132.778 ms
Loss rate: 3.25%
```

Run 4: Report of Verus — Data Link

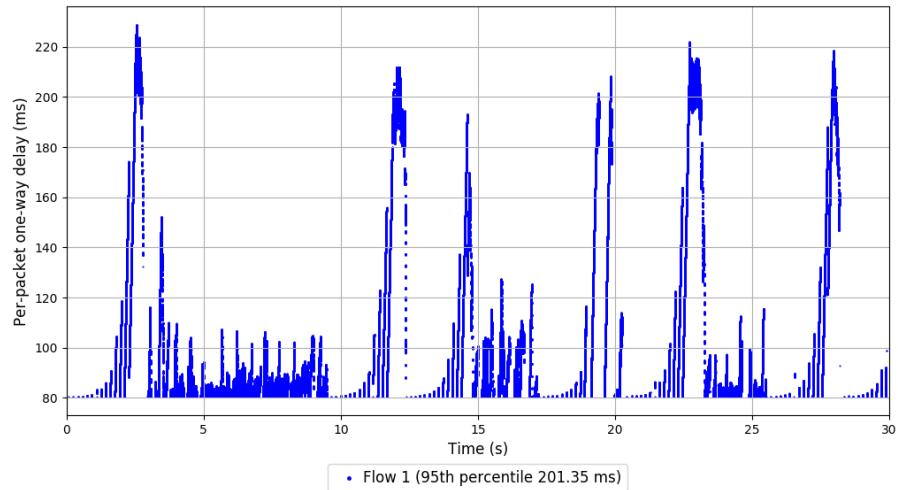
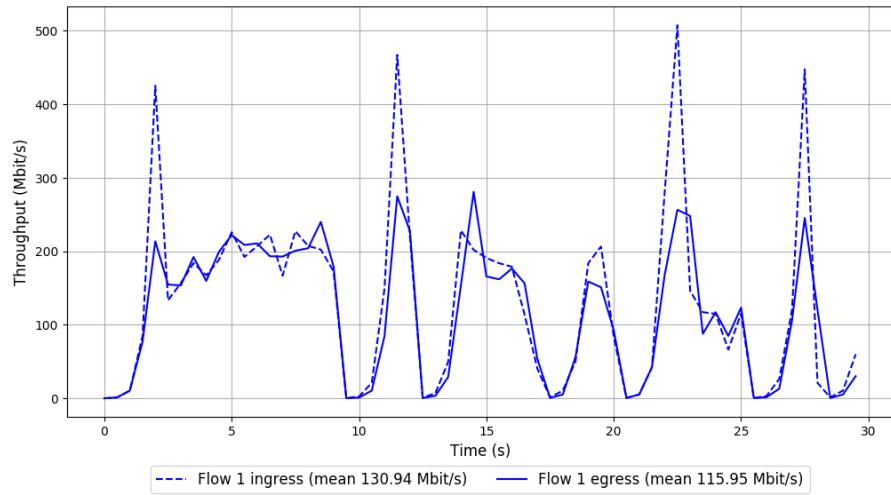


Run 5: Statistics of Verus

```
Start at: 2017-09-03 02:23:05
End at: 2017-09-03 02:23:35
Local clock offset: 0.168 ms
Remote clock offset: 0.098 ms

# Below is generated by plot.py at 2017-09-03 08:22:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 115.95 Mbit/s
95th percentile per-packet one-way delay: 201.354 ms
Loss rate: 11.92%
-- Flow 1:
Average throughput: 115.95 Mbit/s
95th percentile per-packet one-way delay: 201.354 ms
Loss rate: 11.92%
```

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

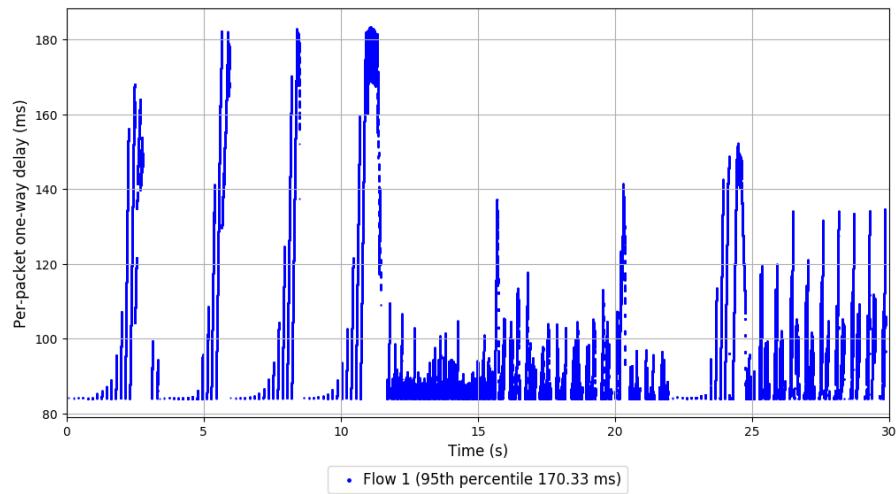
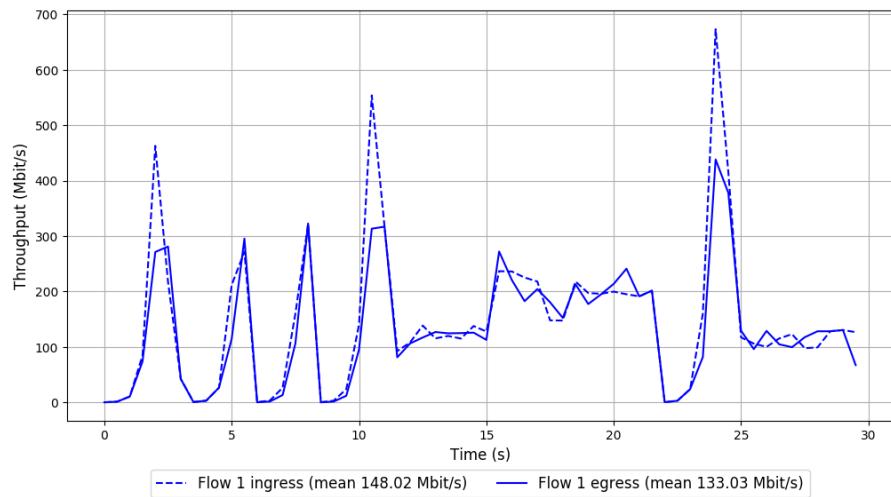


Run 6: Statistics of Verus

```
Start at: 2017-09-03 02:42:24
End at: 2017-09-03 02:42:54
Local clock offset: 0.168 ms
Remote clock offset: -2.038 ms

# Below is generated by plot.py at 2017-09-03 08:22:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 133.03 Mbit/s
95th percentile per-packet one-way delay: 170.330 ms
Loss rate: 10.65%
-- Flow 1:
Average throughput: 133.03 Mbit/s
95th percentile per-packet one-way delay: 170.330 ms
Loss rate: 10.65%
```

## Run 6: Report of Verus — Data Link

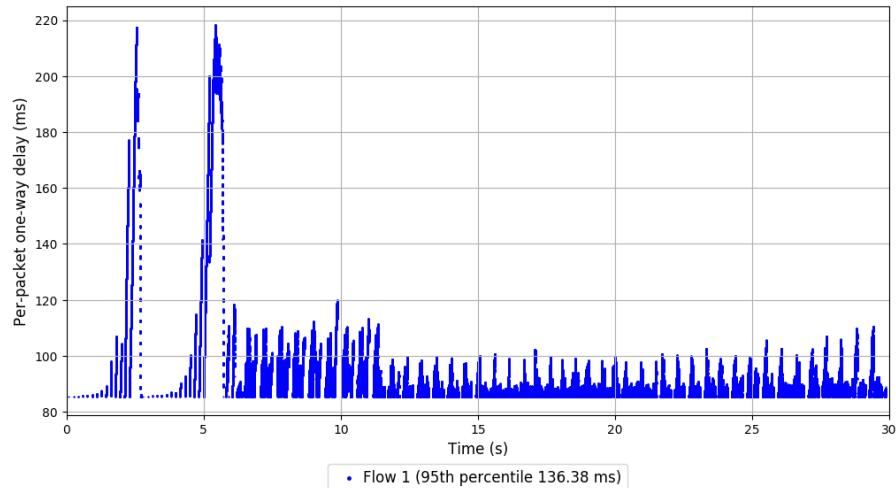
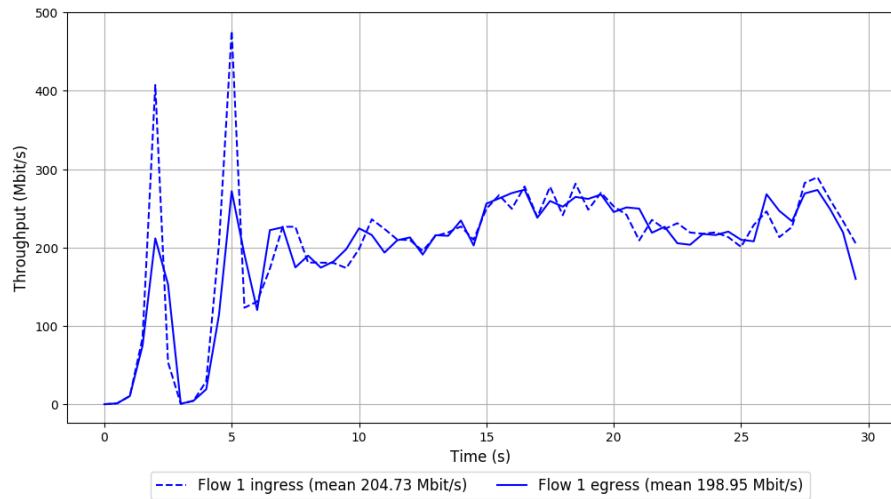


Run 7: Statistics of Verus

```
Start at: 2017-09-03 03:01:37
End at: 2017-09-03 03:02:07
Local clock offset: 0.177 ms
Remote clock offset: -5.326 ms

# Below is generated by plot.py at 2017-09-03 08:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 198.95 Mbit/s
95th percentile per-packet one-way delay: 136.385 ms
Loss rate: 3.36%
-- Flow 1:
Average throughput: 198.95 Mbit/s
95th percentile per-packet one-way delay: 136.385 ms
Loss rate: 3.36%
```

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

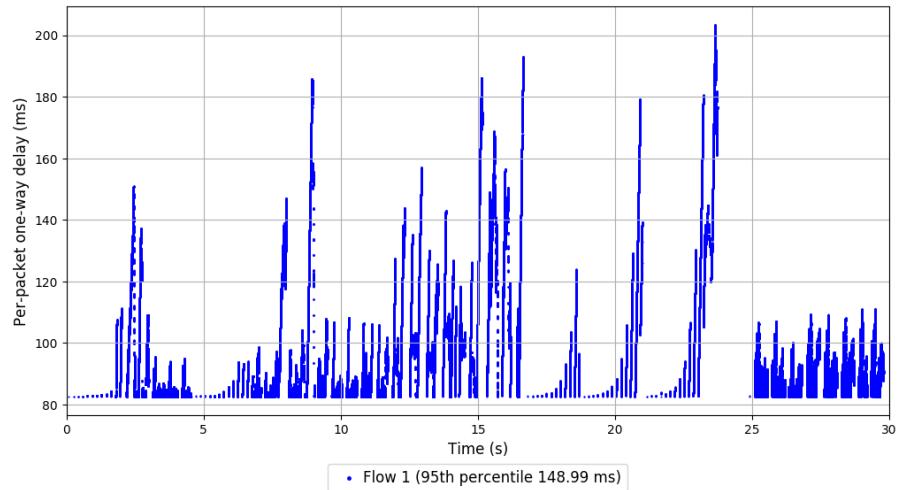
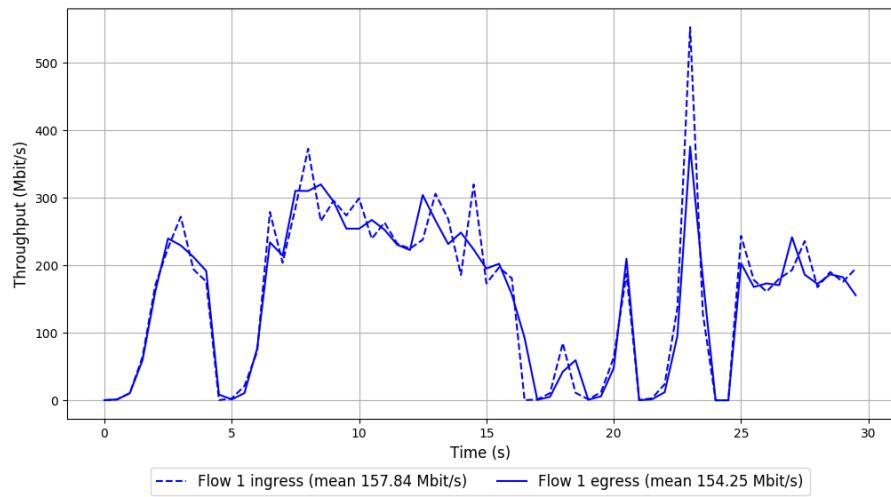


Run 8: Statistics of Verus

```
Start at: 2017-09-03 03:21:07
End at: 2017-09-03 03:21:37
Local clock offset: 0.181 ms
Remote clock offset: -2.621 ms

# Below is generated by plot.py at 2017-09-03 08:22:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 154.25 Mbit/s
95th percentile per-packet one-way delay: 148.986 ms
Loss rate: 3.03%
-- Flow 1:
Average throughput: 154.25 Mbit/s
95th percentile per-packet one-way delay: 148.986 ms
Loss rate: 3.03%
```

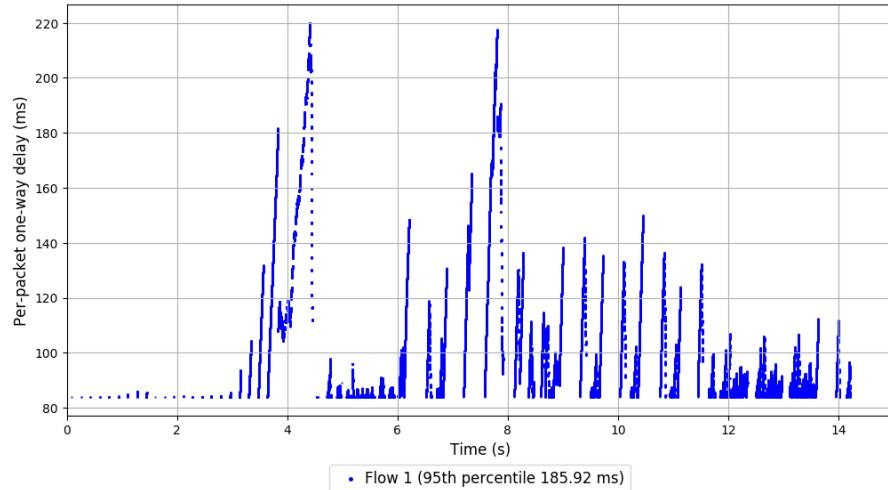
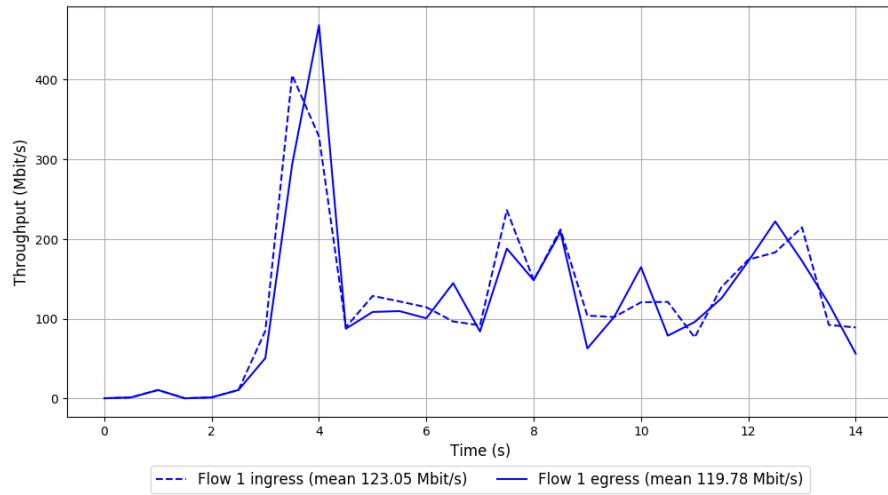
Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-09-03 03:40:42  
End at: 2017-09-03 03:41:12  
Local clock offset: 0.205 ms  
Remote clock offset: -2.917 ms

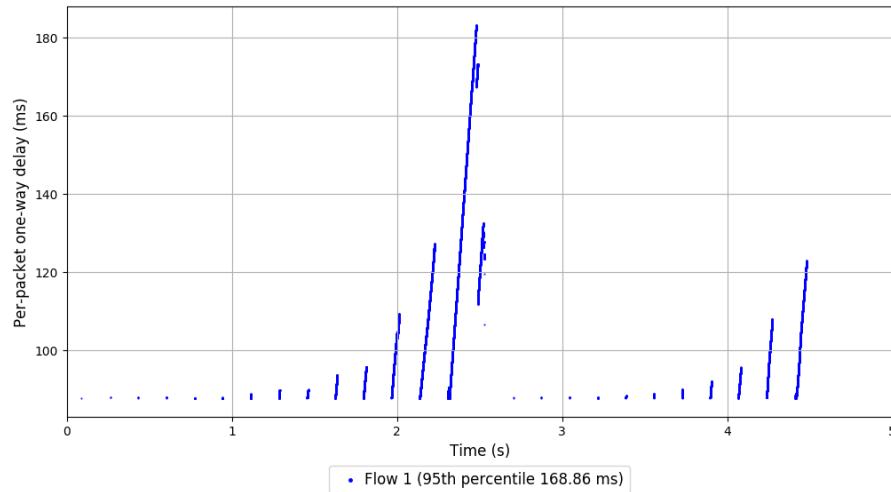
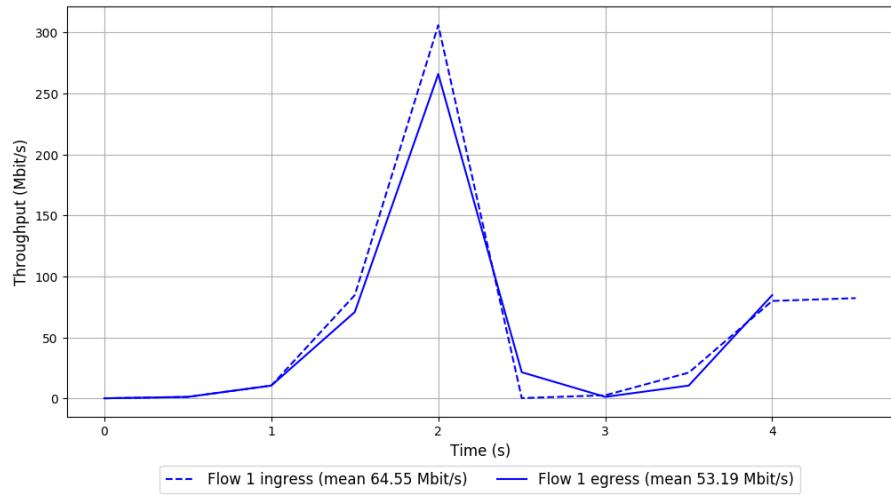
Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2017-09-03 04:00:06  
End at: 2017-09-03 04:00:36  
Local clock offset: 0.204 ms  
Remote clock offset: -7.301 ms

## Run 10: Report of Verus — Data Link

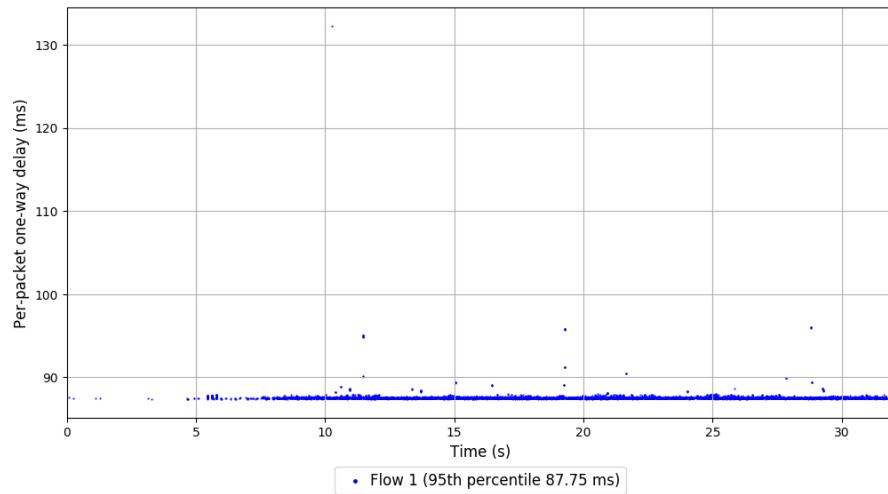
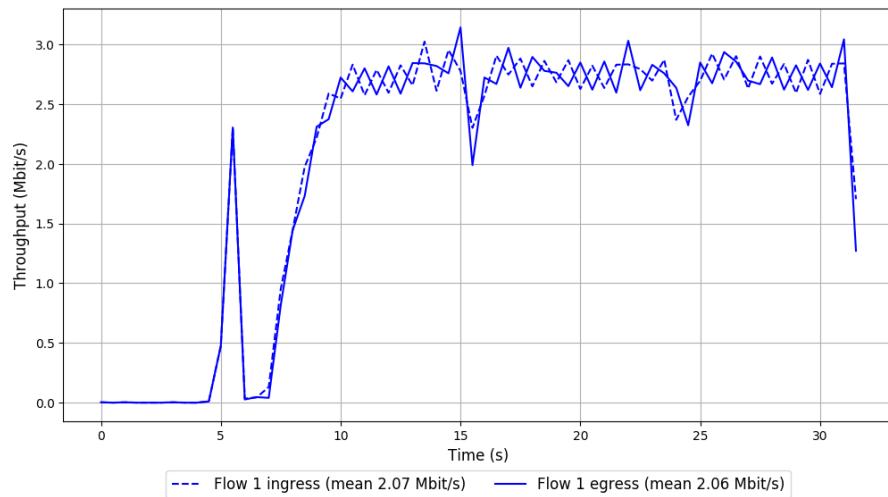


```
Run 1: Statistics of WebRTC media

Start at: 2017-09-03 01:09:26
End at: 2017-09-03 01:09:56
Local clock offset: 0.209 ms
Remote clock offset: -5.503 ms

# Below is generated by plot.py at 2017-09-03 08:22:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 87.745 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 87.745 ms
Loss rate: 0.65%
```

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

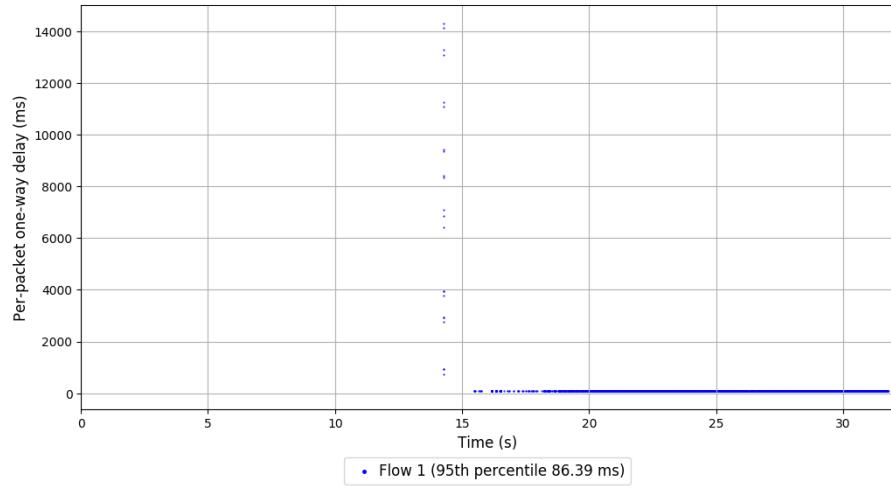
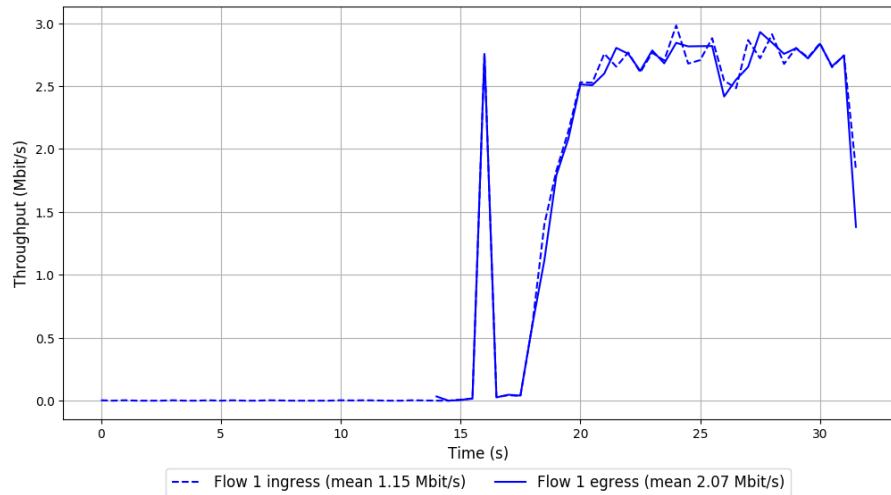
Start at: 2017-09-03 01:29:06

End at: 2017-09-03 01:29:36

Local clock offset: 0.204 ms

Remote clock offset: -5.231 ms

## Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

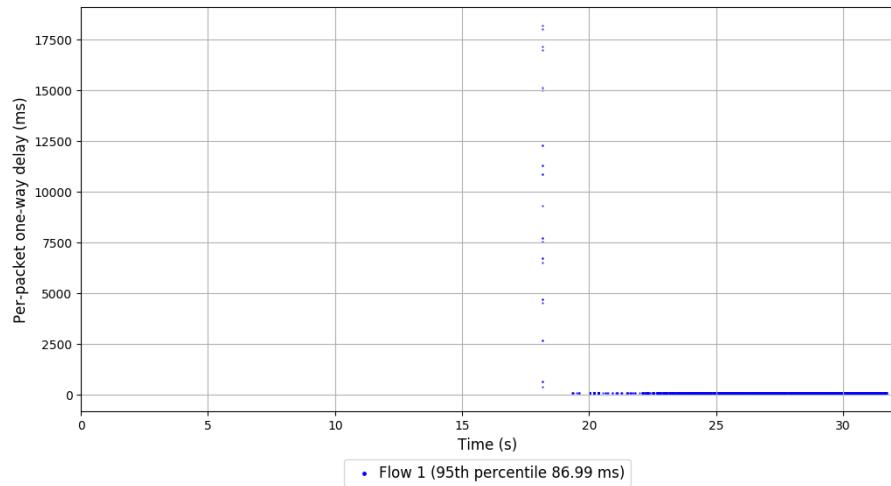
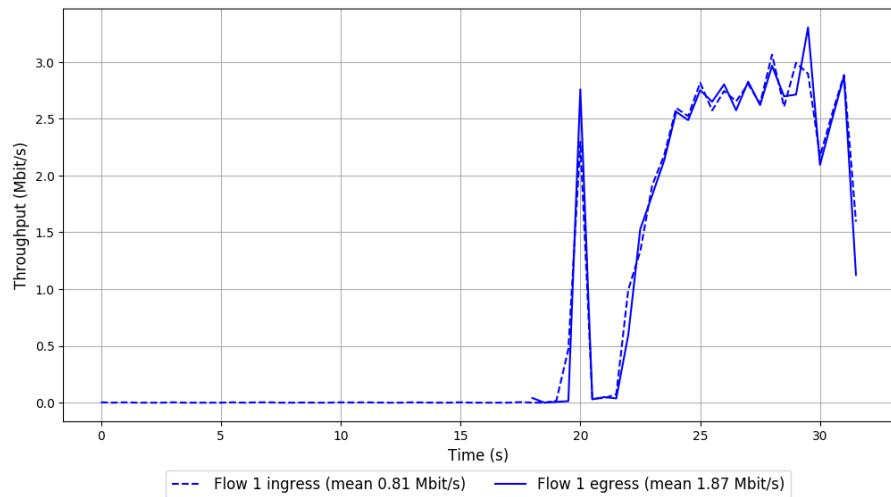
Start at: 2017-09-03 01:48:15

End at: 2017-09-03 01:48:45

Local clock offset: 0.261 ms

Remote clock offset: -4.366 ms

### Run 3: Report of WebRTC media — Data Link

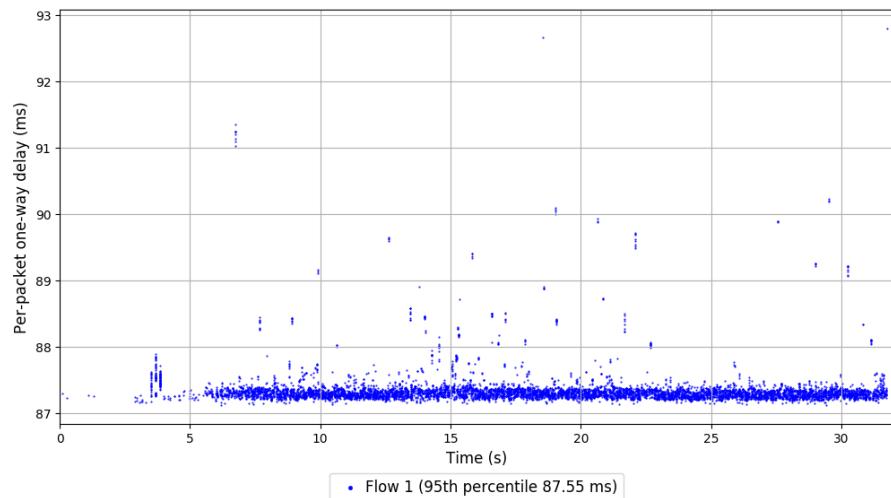
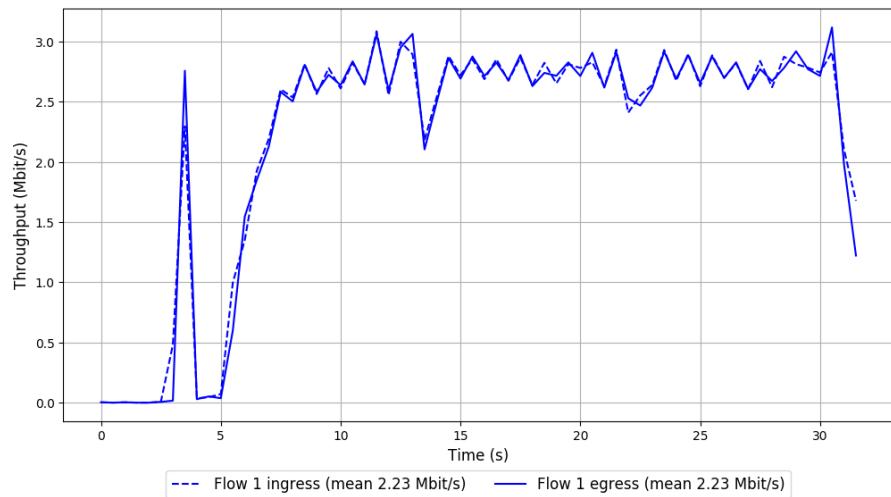


Run 4: Statistics of WebRTC media

```
Start at: 2017-09-03 02:07:48
End at: 2017-09-03 02:08:18
Local clock offset: 0.197 ms
Remote clock offset: -4.603 ms

# Below is generated by plot.py at 2017-09-03 08:22:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 87.545 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 87.545 ms
Loss rate: 0.60%
```

Run 4: Report of WebRTC media — Data Link

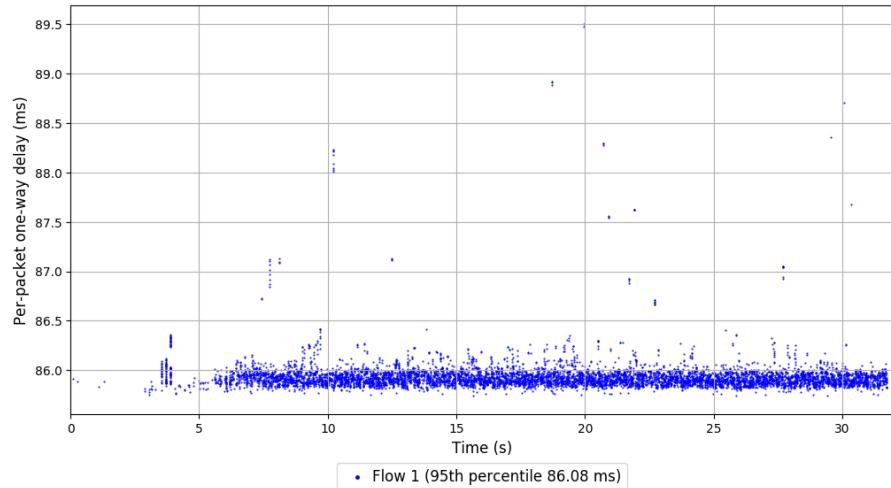
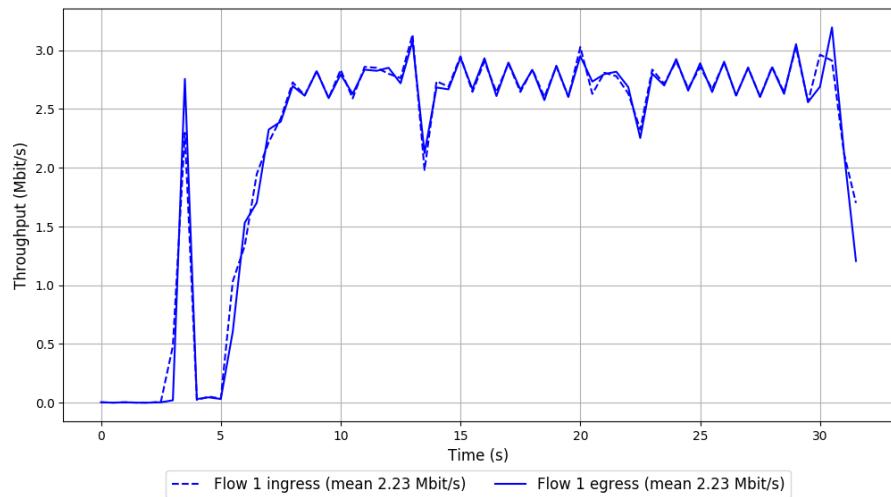


Run 5: Statistics of WebRTC media

```
Start at: 2017-09-03 02:27:15
End at: 2017-09-03 02:27:45
Local clock offset: 0.119 ms
Remote clock offset: -5.737 ms

# Below is generated by plot.py at 2017-09-03 08:23:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 86.077 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 86.077 ms
Loss rate: 0.66%
```

Run 5: Report of WebRTC media — Data Link

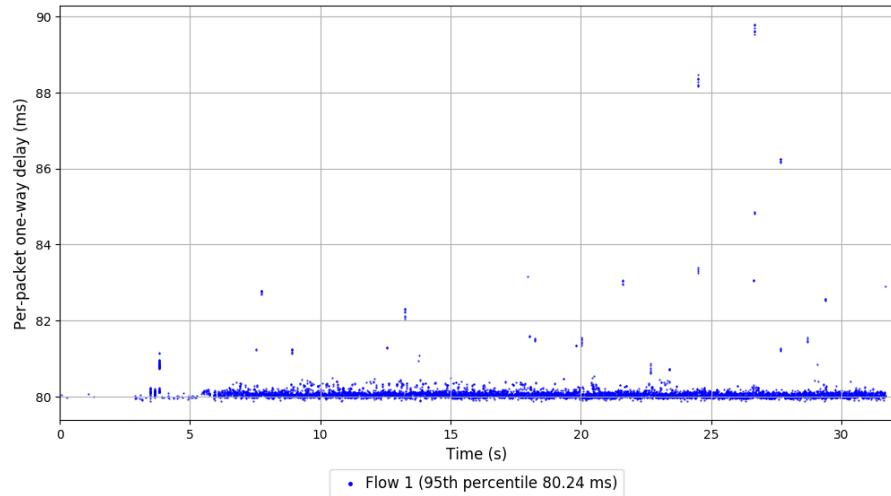
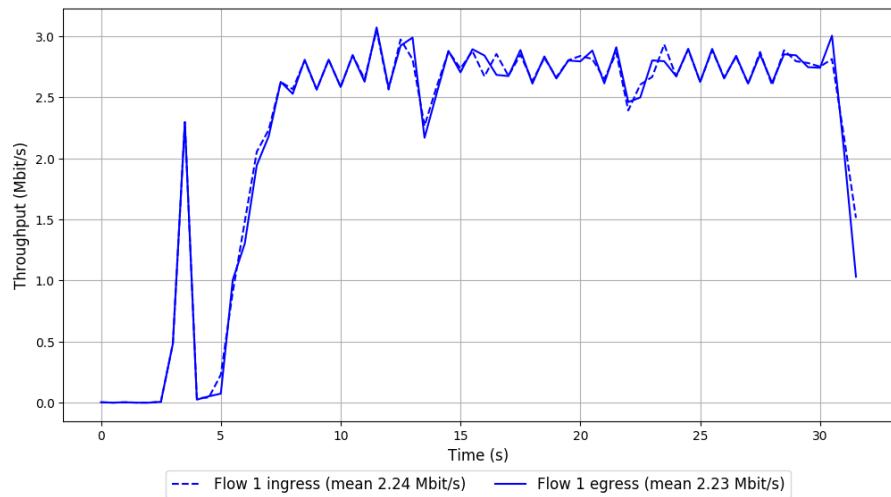


```
Run 6: Statistics of WebRTC media

Start at: 2017-09-03 02:46:27
End at: 2017-09-03 02:46:57
Local clock offset: 0.168 ms
Remote clock offset: -0.316 ms

# Below is generated by plot.py at 2017-09-03 08:23:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 80.238 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 80.238 ms
Loss rate: 0.61%
```

Run 6: Report of WebRTC media — Data Link

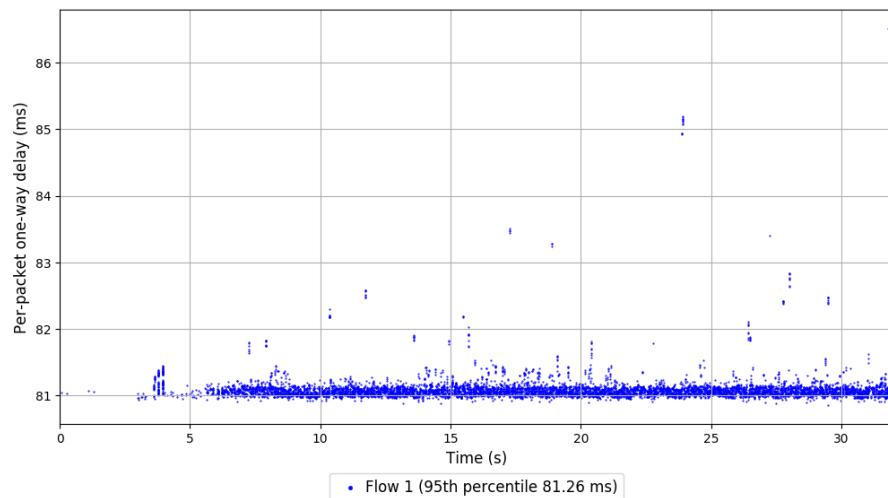
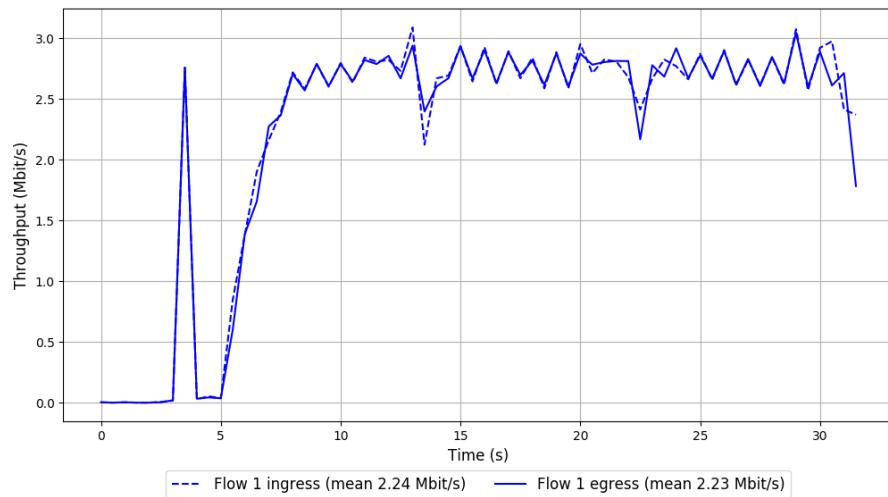


Run 7: Statistics of WebRTC media

```
Start at: 2017-09-03 03:05:47
End at: 2017-09-03 03:06:17
Local clock offset: 0.188 ms
Remote clock offset: -1.418 ms

# Below is generated by plot.py at 2017-09-03 08:23:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 81.264 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 81.264 ms
Loss rate: 0.78%
```

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

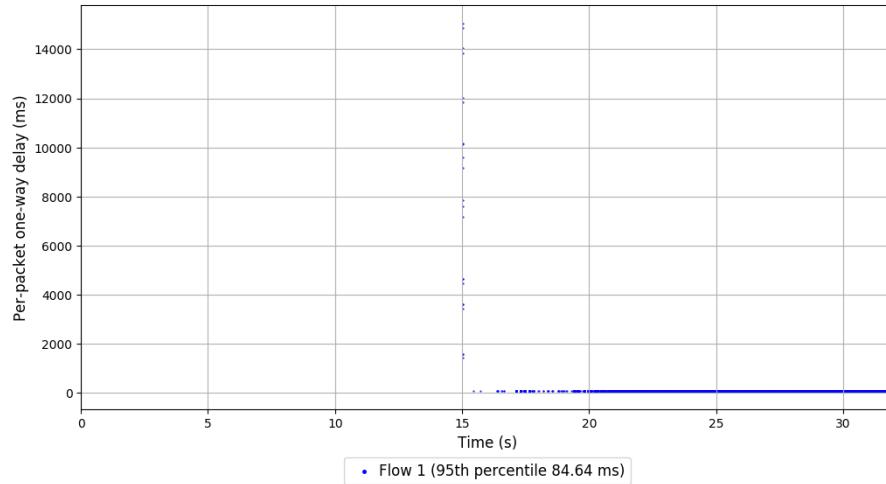
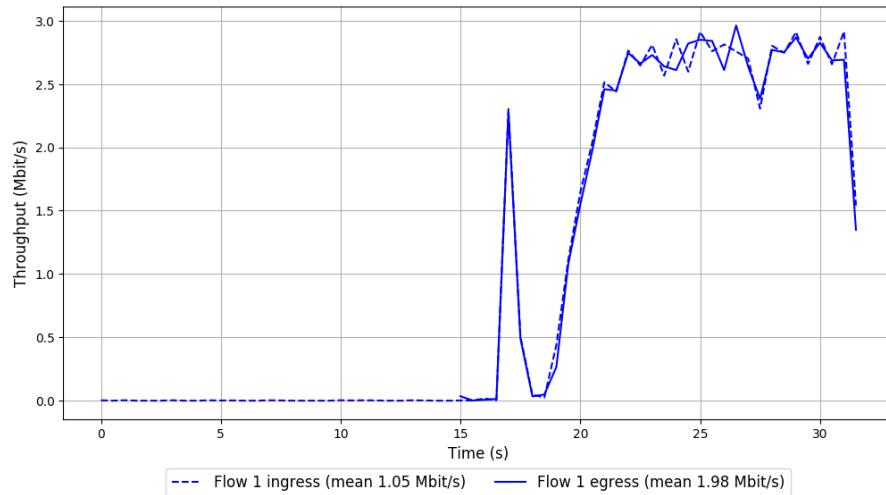
Start at: 2017-09-03 03:25:21

End at: 2017-09-03 03:25:51

Local clock offset: 0.269 ms

Remote clock offset: -2.605 ms

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

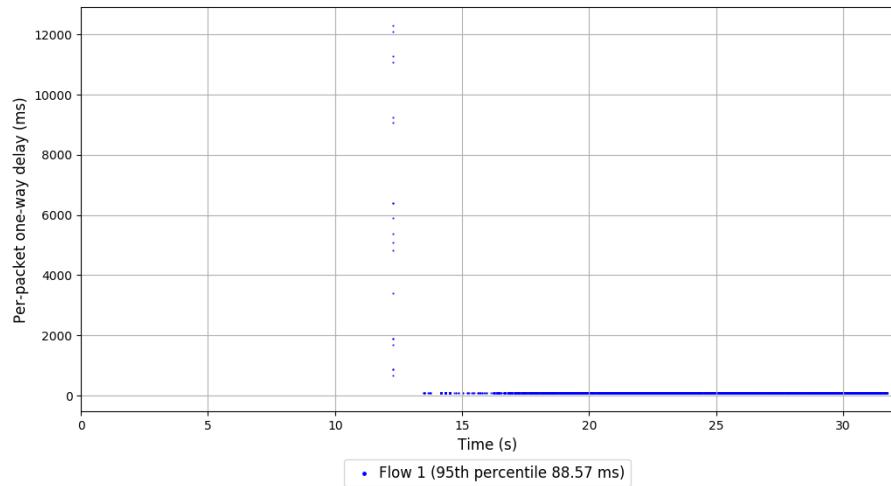
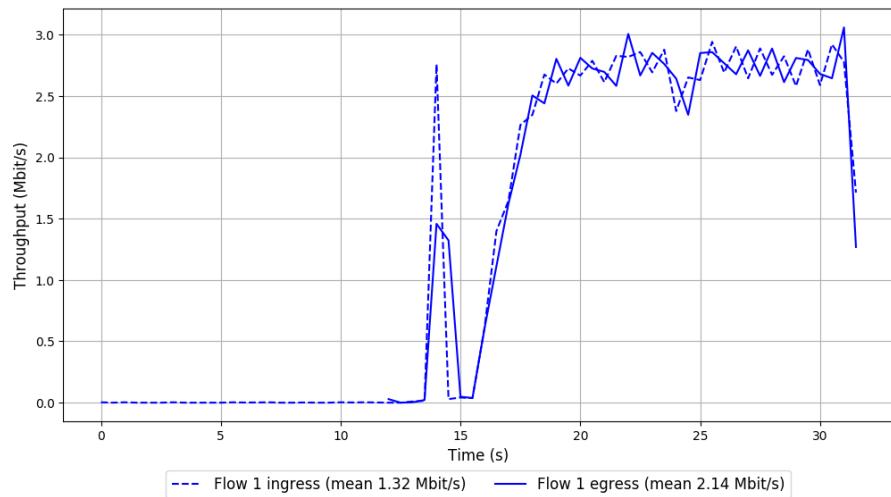
Start at: 2017-09-03 03:44:53

End at: 2017-09-03 03:45:23

Local clock offset: 0.267 ms

Remote clock offset: -6.956 ms

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2017-09-03 04:03:57
End at: 2017-09-03 04:04:27
Local clock offset: 0.249 ms
Remote clock offset: -2.489 ms

# Below is generated by plot.py at 2017-09-03 08:23:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 81.478 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 81.478 ms
Loss rate: 0.62%
```

Run 10: Report of WebRTC media — Data Link

