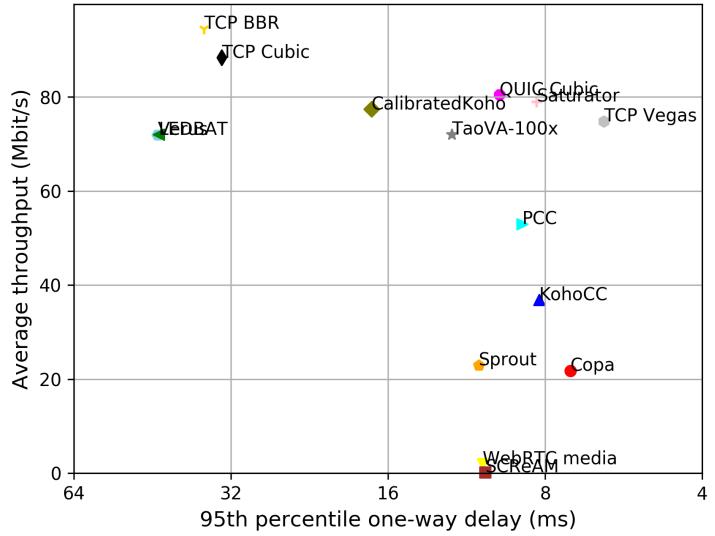


Pantheon Report

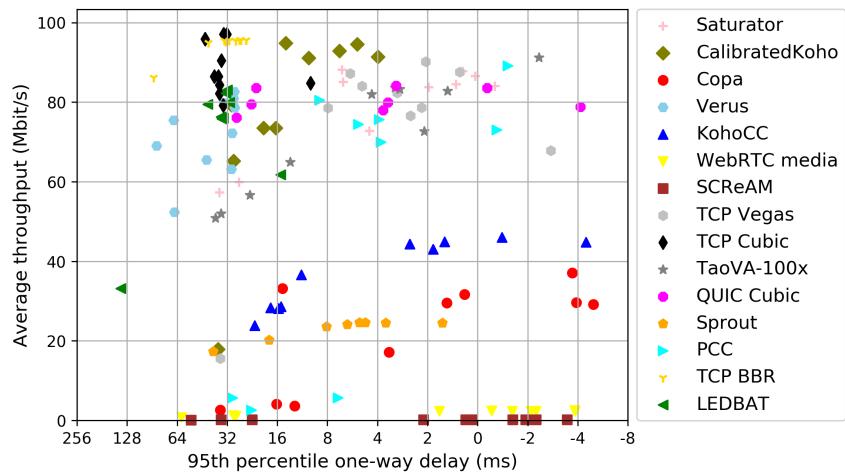
Generated at 2017-08-17 04:05:21 (UTC).
Data path: AWS India 1 Ethernet (*local*) → India Ethernet (*remote*).
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).
NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

```
Git summary:  
branch: master @ e43be7582298d552838afcfc6382342bf187fbbd6  
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50  
  M datagrump/sender.cc  
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725  
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681  
  M datagrump/sender.cc  
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf  
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7  
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 AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme



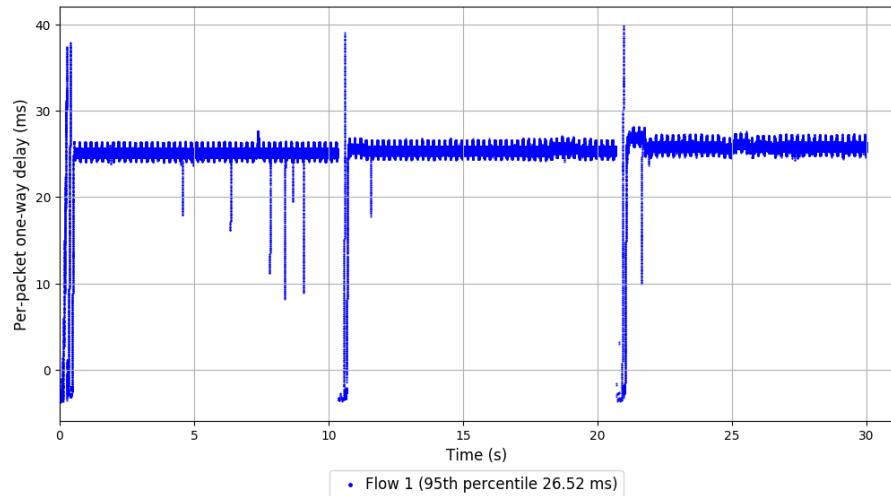
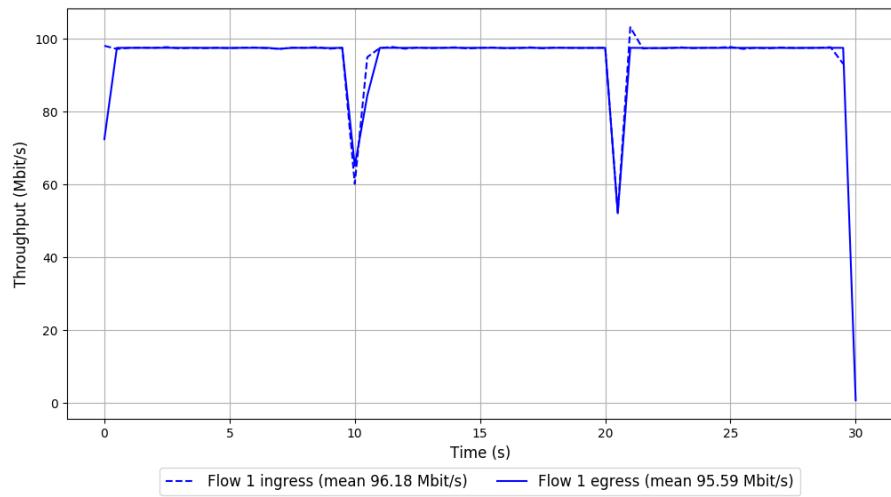
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	94.51	36.05	1.02
CalibratedKoho	10	77.41	17.22	0.30
Copa	10	21.79	7.16	0.02
TCP Cubic	10	88.40	33.37	0.41
KohoCC	10	36.87	8.22	0.02
LEDBAT	9	71.99	44.00	0.13
PCC	9	52.98	8.84	0.40
QUIC Cubic	8	80.45	9.79	0.02
Saturator	10	78.98	8.30	0.21
SCReAM	10	0.20	10.42	0.01
Sprout	8	22.94	10.73	0.01
TaoVA-100x	10	72.02	12.08	0.09
TCP Vegas	10	74.86	6.18	0.07
Verus	10	71.97	44.23	23.71
WebRTC media	10	1.99	10.55	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2017-08-16 22:26:19
End at: 2017-08-16 22:26:49
Local clock offset: -0.063 ms
Remote clock offset: -20.707 ms

# Below is generated by plot.py at 2017-08-17 03:54:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 26.517 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 26.517 ms
Loss rate: 0.55%
```

Run 1: Report of TCP BBR — Data Link

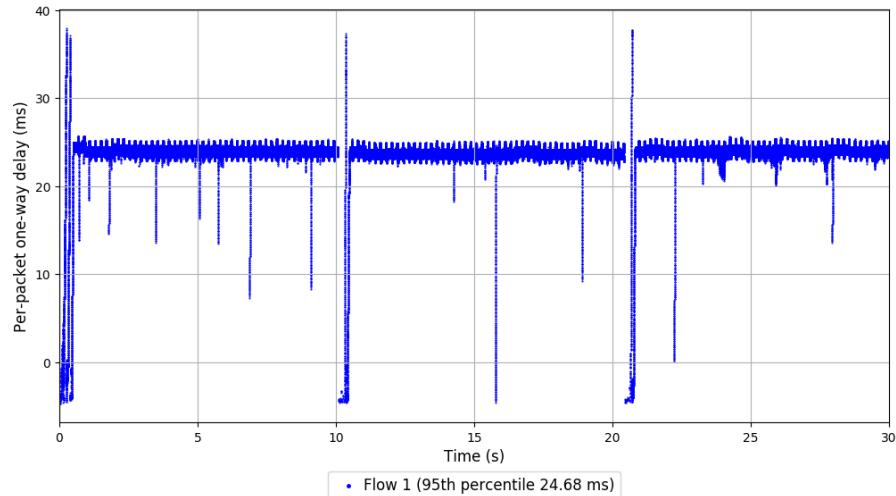
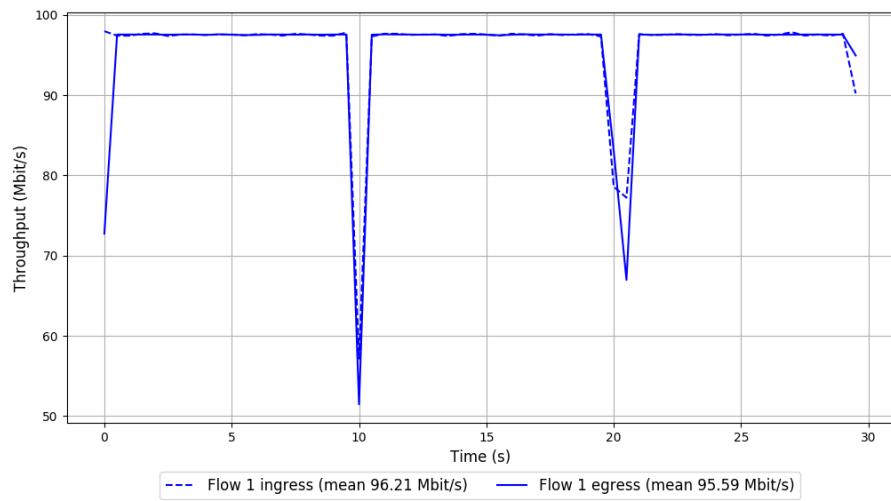


Run 2: Statistics of TCP BBR

```
Start at: 2017-08-16 22:44:23
End at: 2017-08-16 22:44:53
Local clock offset: -0.025 ms
Remote clock offset: -21.334 ms

# Below is generated by plot.py at 2017-08-17 03:54:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 24.679 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 24.679 ms
Loss rate: 0.55%
```

Run 2: Report of TCP BBR — Data Link

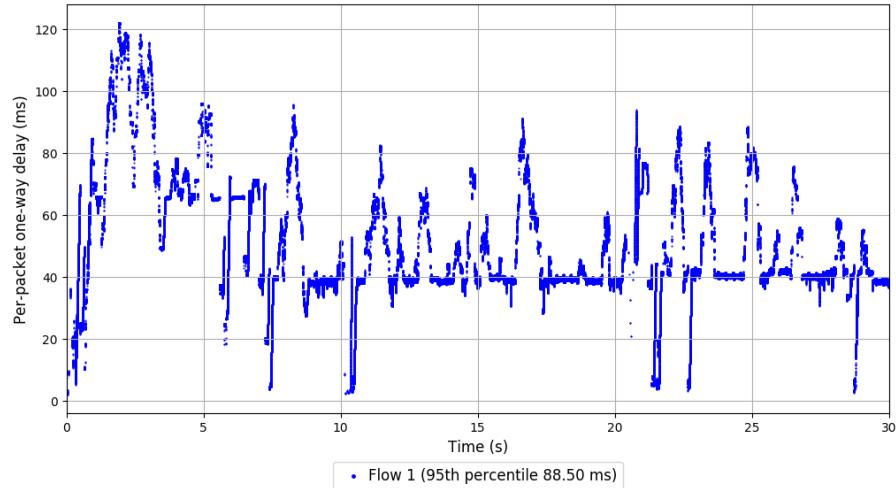
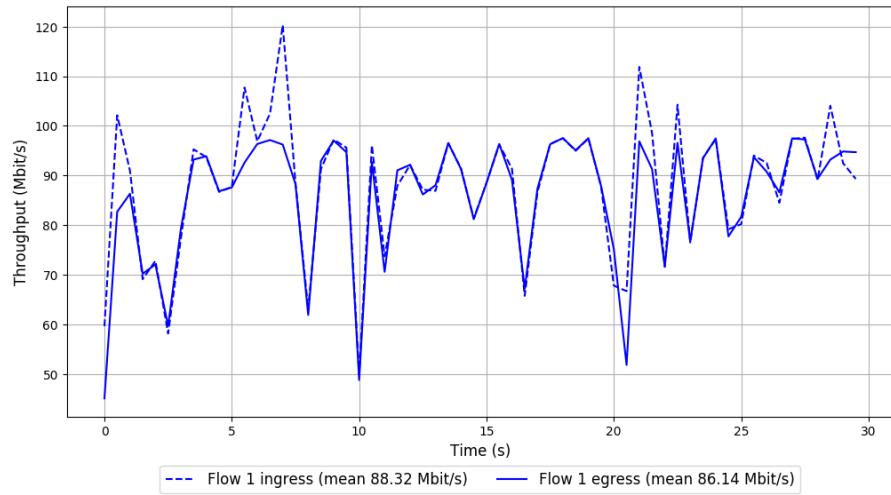


Run 3: Statistics of TCP BBR

```
Start at: 2017-08-16 23:02:44
End at: 2017-08-16 23:03:14
Local clock offset: -1.262 ms
Remote clock offset: -22.373 ms

# Below is generated by plot.py at 2017-08-17 03:54:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.14 Mbit/s
95th percentile per-packet one-way delay: 88.502 ms
Loss rate: 2.40%
-- Flow 1:
Average throughput: 86.14 Mbit/s
95th percentile per-packet one-way delay: 88.502 ms
Loss rate: 2.40%
```

Run 3: Report of TCP BBR — Data Link

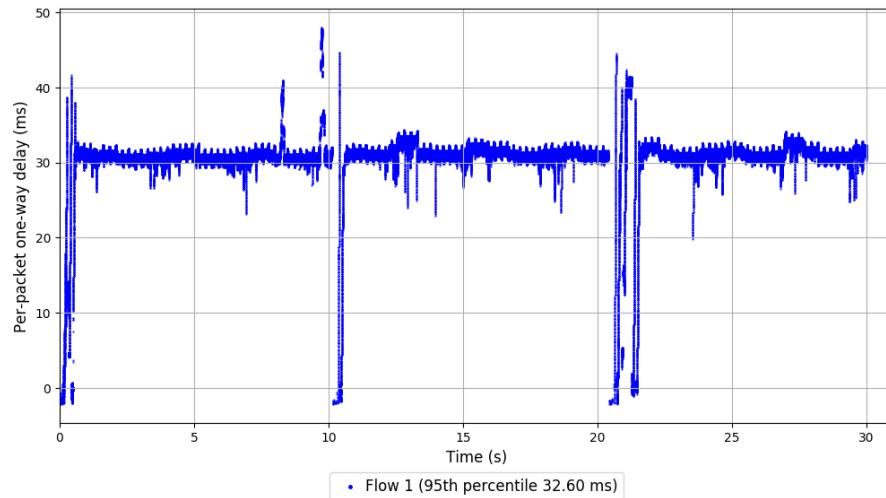
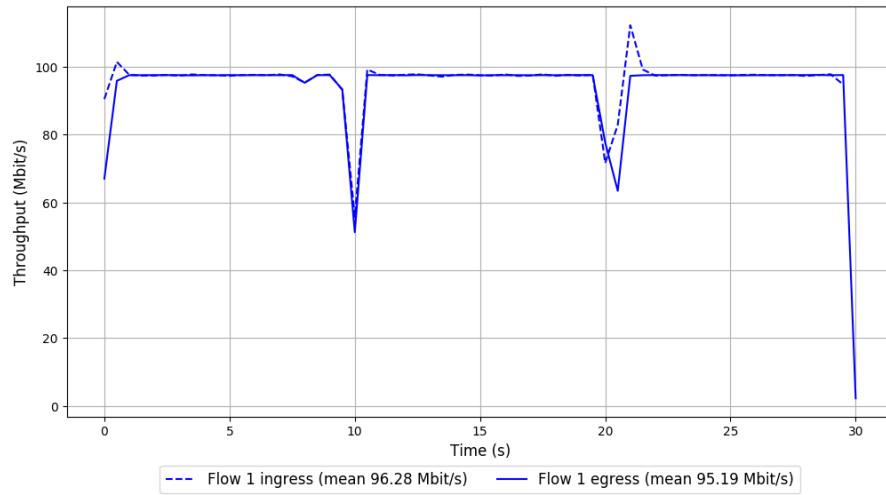


Run 4: Statistics of TCP BBR

```
Start at: 2017-08-16 23:21:33
End at: 2017-08-16 23:22:03
Local clock offset: 1.165 ms
Remote clock offset: -21.725 ms

# Below is generated by plot.py at 2017-08-17 03:55:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.19 Mbit/s
95th percentile per-packet one-way delay: 32.605 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 95.19 Mbit/s
95th percentile per-packet one-way delay: 32.605 ms
Loss rate: 1.04%
```

Run 4: Report of TCP BBR — Data Link

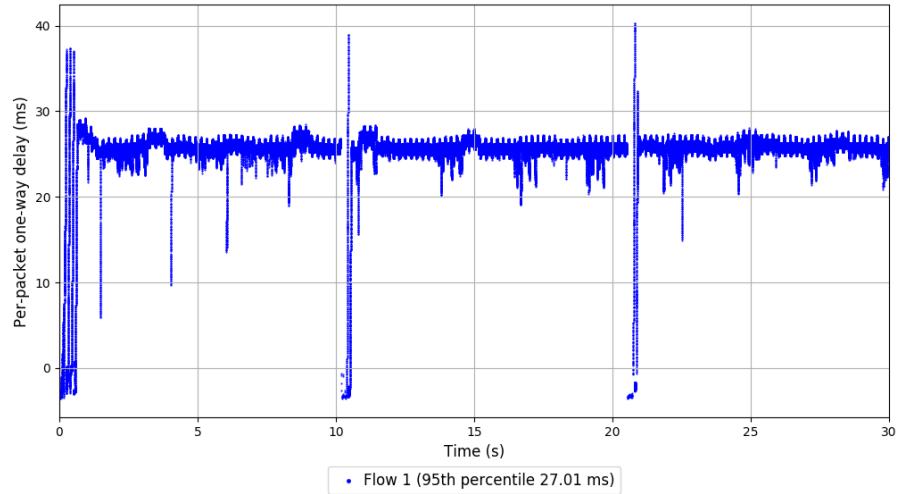
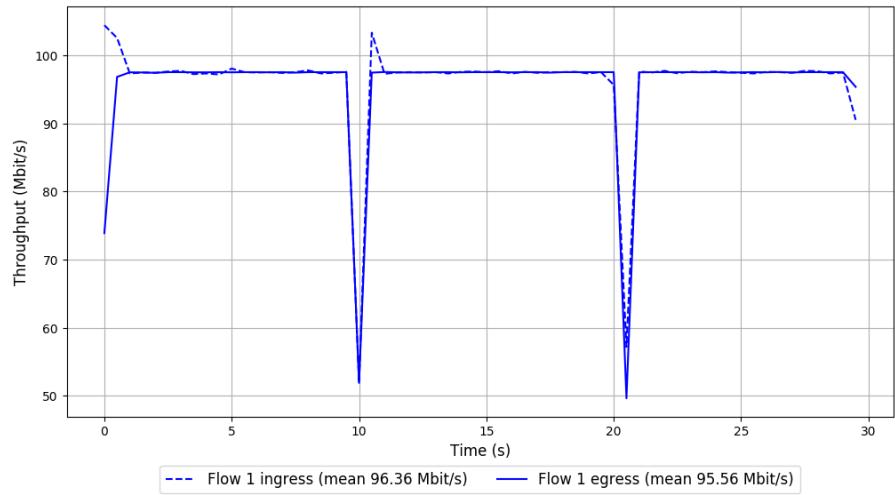


Run 5: Statistics of TCP BBR

```
Start at: 2017-08-16 23:40:09
End at: 2017-08-16 23:40:39
Local clock offset: -1.555 ms
Remote clock offset: -23.088 ms

# Below is generated by plot.py at 2017-08-17 03:55:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 27.010 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 27.010 ms
Loss rate: 0.74%
```

Run 5: Report of TCP BBR — Data Link

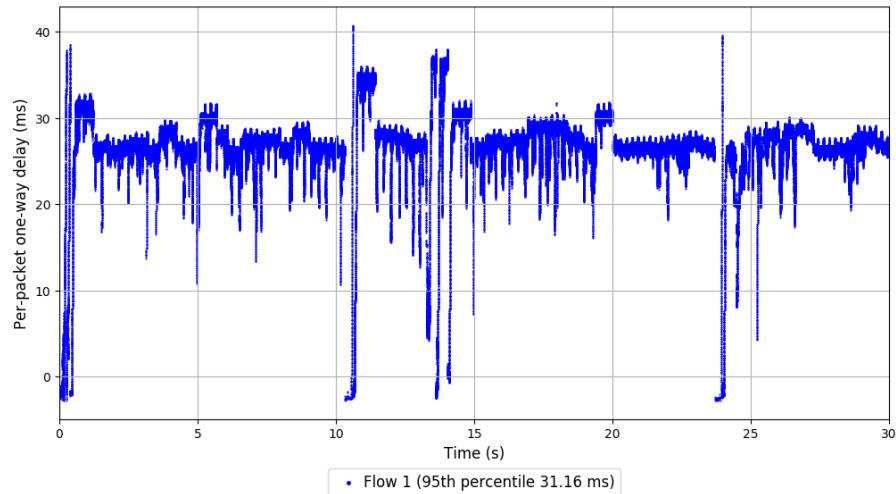
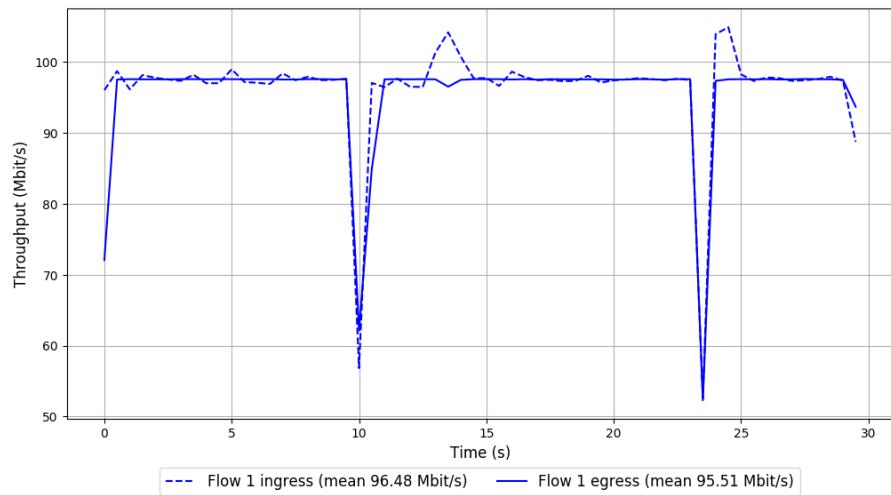


Run 6: Statistics of TCP BBR

```
Start at: 2017-08-17 00:11:45
End at: 2017-08-17 00:12:15
Local clock offset: -1.479 ms
Remote clock offset: -22.753 ms

# Below is generated by plot.py at 2017-08-17 03:55:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 31.158 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 31.158 ms
Loss rate: 0.92%
```

Run 6: Report of TCP BBR — Data Link

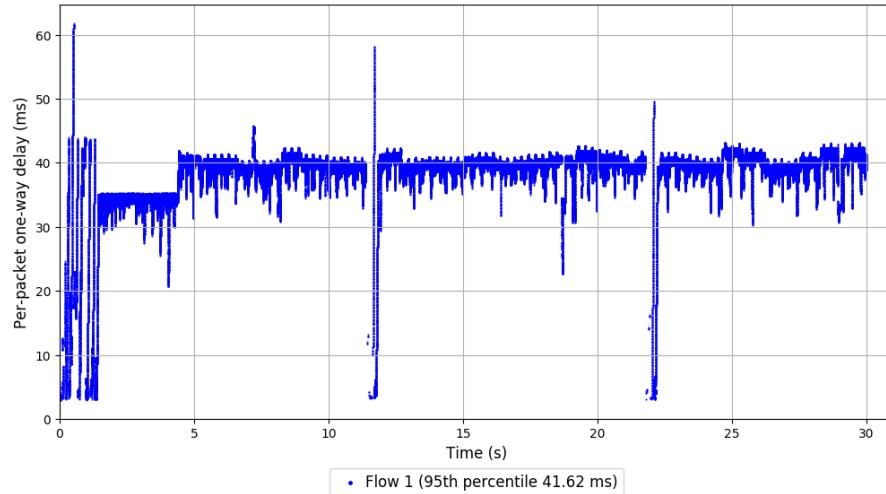
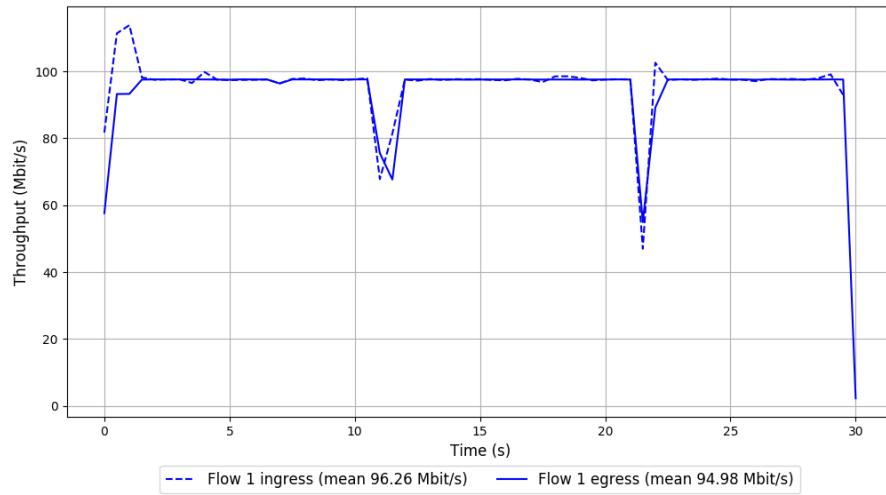


Run 7: Statistics of TCP BBR

```
Start at: 2017-08-17 00:39:20
End at: 2017-08-17 00:39:50
Local clock offset: 1.43 ms
Remote clock offset: -21.035 ms

# Below is generated by plot.py at 2017-08-17 03:55:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 41.619 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 41.619 ms
Loss rate: 1.25%
```

Run 7: Report of TCP BBR — Data Link

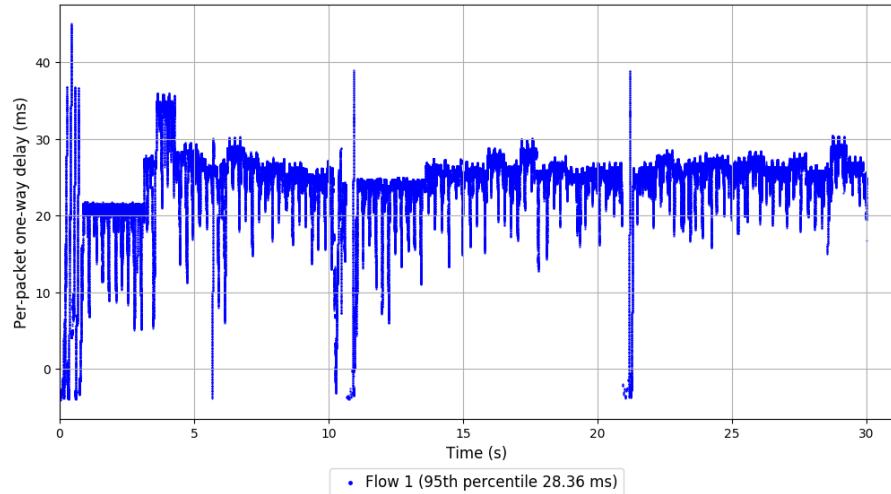
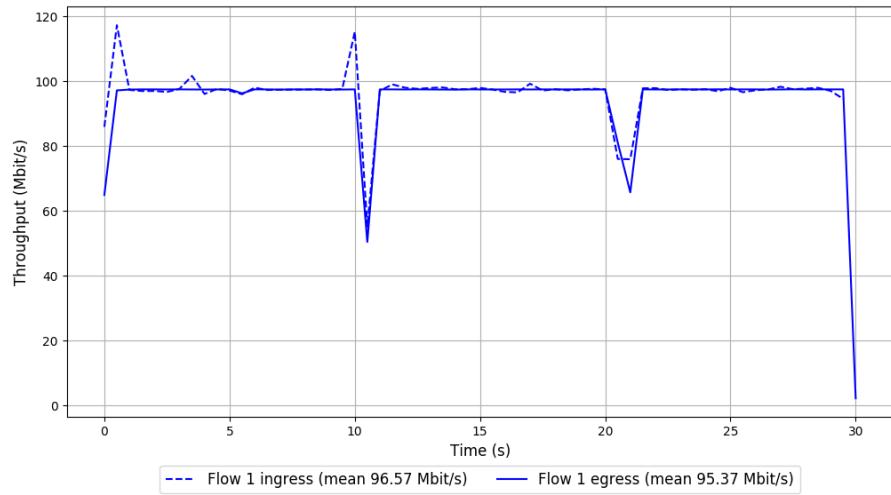


Run 8: Statistics of TCP BBR

```
Start at: 2017-08-17 01:13:57
End at: 2017-08-17 01:14:27
Local clock offset: 0.068 ms
Remote clock offset: -20.811 ms

# Below is generated by plot.py at 2017-08-17 03:55:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 28.362 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 28.362 ms
Loss rate: 1.18%
```

Run 8: Report of TCP BBR — Data Link

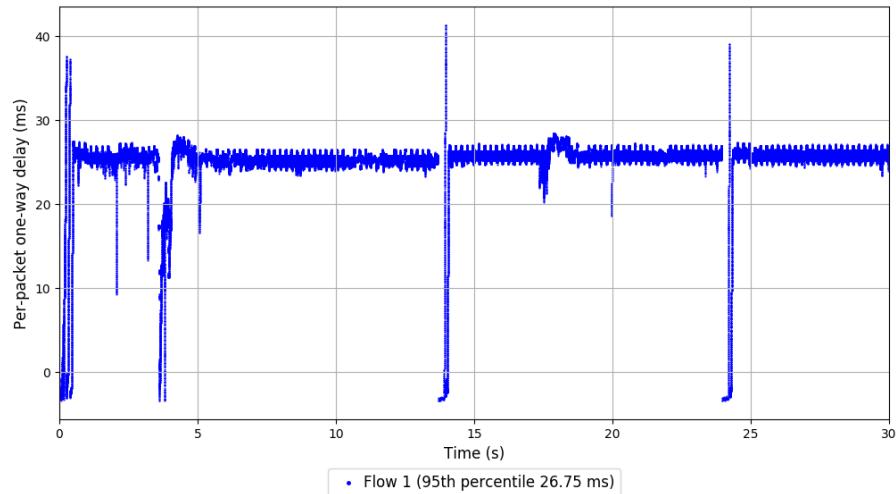
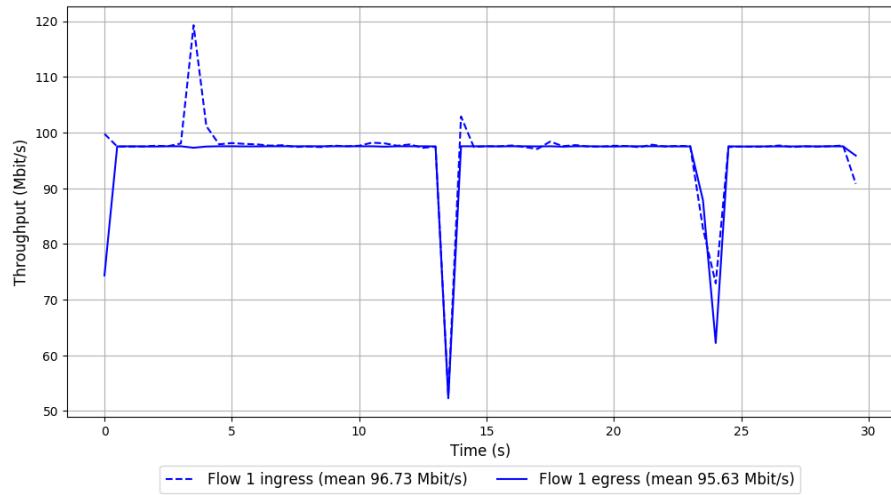


Run 9: Statistics of TCP BBR

```
Start at: 2017-08-17 02:05:18
End at: 2017-08-17 02:05:48
Local clock offset: 2.046 ms
Remote clock offset: -16.839 ms

# Below is generated by plot.py at 2017-08-17 03:55:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 26.750 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 26.750 ms
Loss rate: 1.07%
```

Run 9: Report of TCP BBR — Data Link

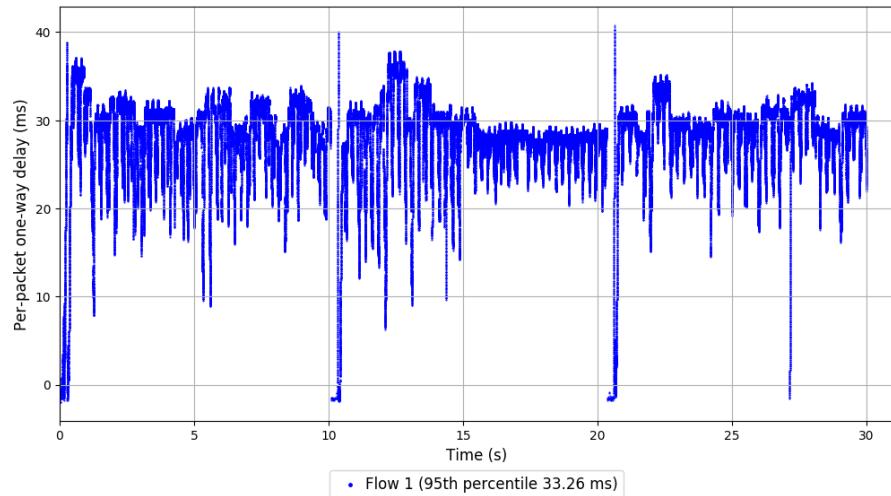
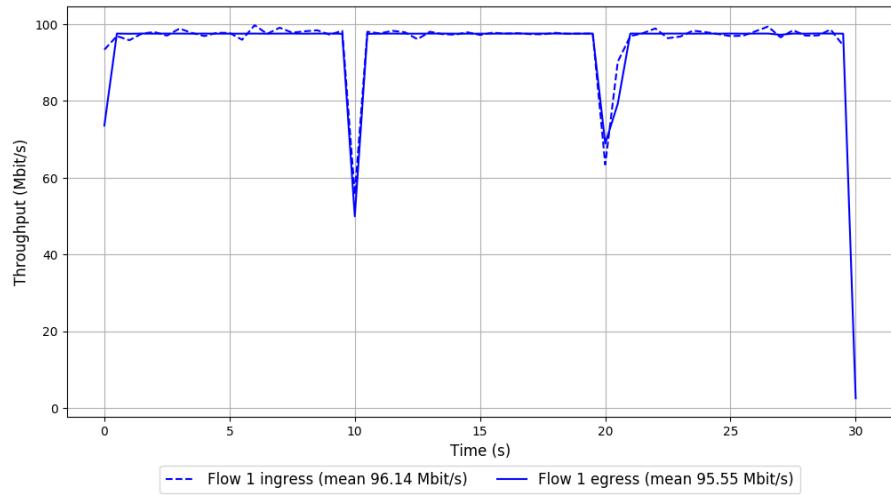


Run 10: Statistics of TCP BBR

```
Start at: 2017-08-17 02:39:16
End at: 2017-08-17 02:39:46
Local clock offset: 0.287 ms
Remote clock offset: -18.629 ms

# Below is generated by plot.py at 2017-08-17 03:55:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 33.256 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 33.256 ms
Loss rate: 0.53%
```

Run 10: Report of TCP BBR — Data Link

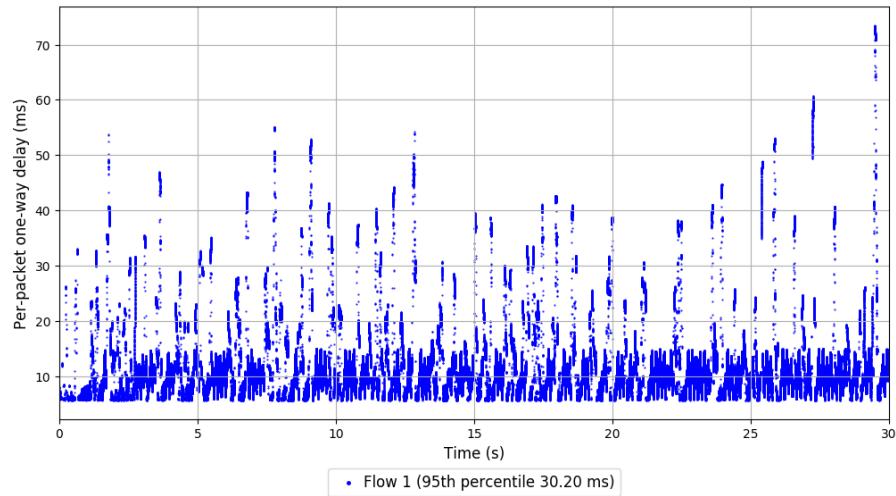
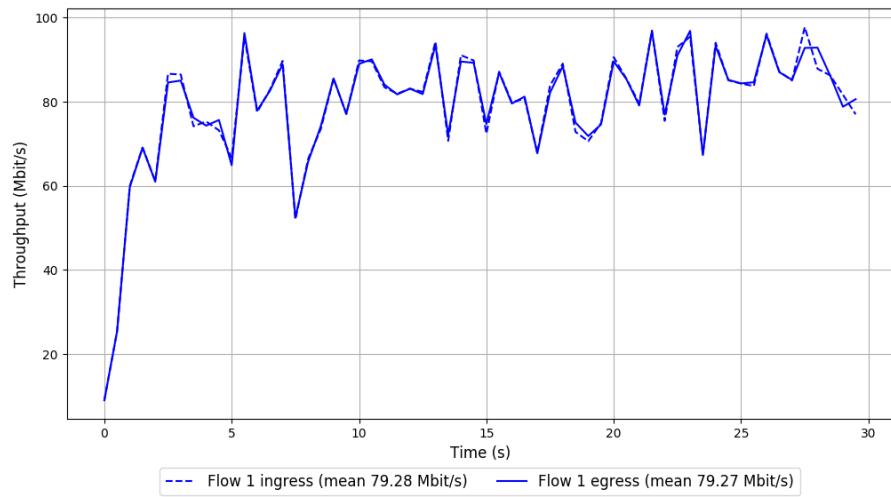


```
Run 1: Statistics of CalibratedKoho

Start at: 2017-08-16 22:25:07
End at: 2017-08-16 22:25:37
Local clock offset: -1.003 ms
Remote clock offset: -19.266 ms

# Below is generated by plot.py at 2017-08-17 03:55:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.27 Mbit/s
95th percentile per-packet one-way delay: 30.202 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 79.27 Mbit/s
95th percentile per-packet one-way delay: 30.202 ms
Loss rate: 0.01%
```

Run 1: Report of CalibratedKoho — Data Link

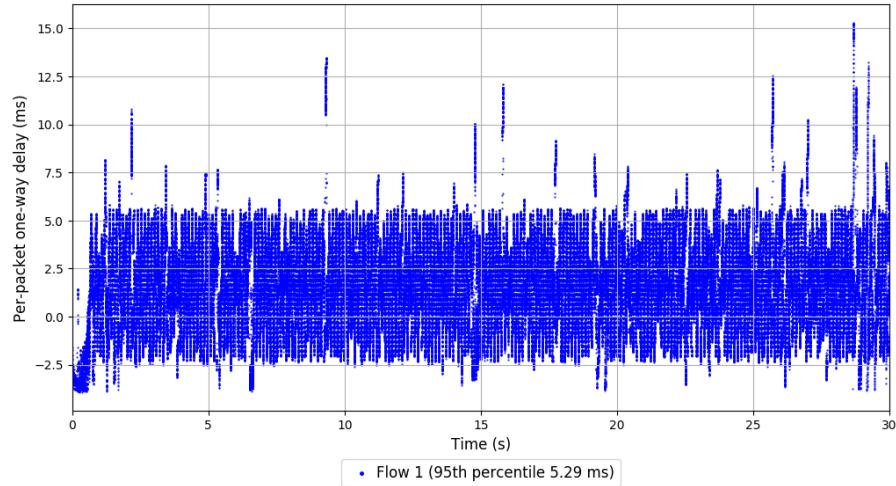
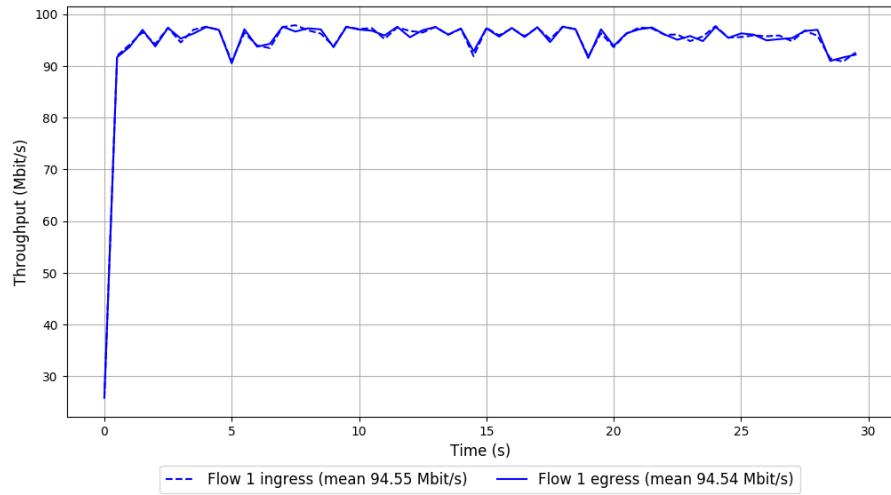


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: 2017-08-16 22:43:00
End at: 2017-08-16 22:43:30
Local clock offset: -1.1 ms
Remote clock offset: -21.945 ms

# Below is generated by plot.py at 2017-08-17 03:55:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.54 Mbit/s
95th percentile per-packet one-way delay: 5.289 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.54 Mbit/s
95th percentile per-packet one-way delay: 5.289 ms
Loss rate: 0.00%
```

Run 2: Report of CalibratedKoho — Data Link

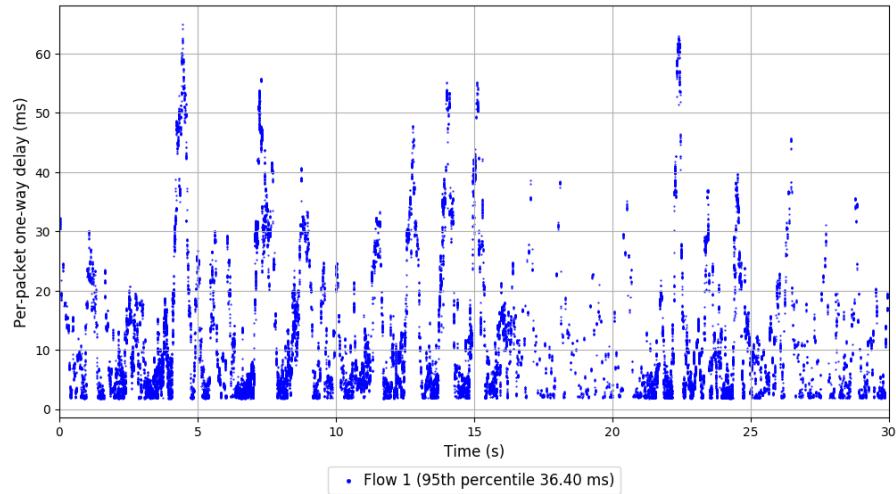
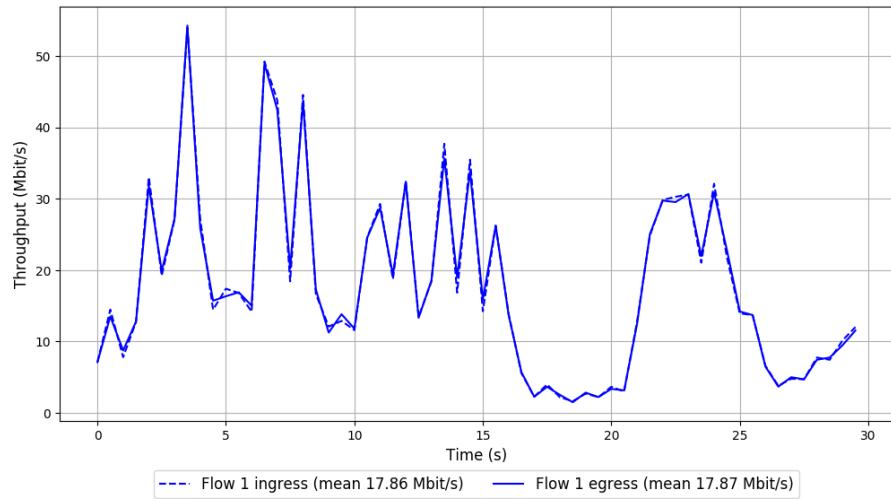


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: 2017-08-16 23:01:34
End at: 2017-08-16 23:02:04
Local clock offset: 1.399 ms
Remote clock offset: -20.094 ms

# Below is generated by plot.py at 2017-08-17 03:55:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.87 Mbit/s
95th percentile per-packet one-way delay: 36.401 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 17.87 Mbit/s
95th percentile per-packet one-way delay: 36.401 ms
Loss rate: 0.11%
```

Run 3: Report of CalibratedKoho — Data Link

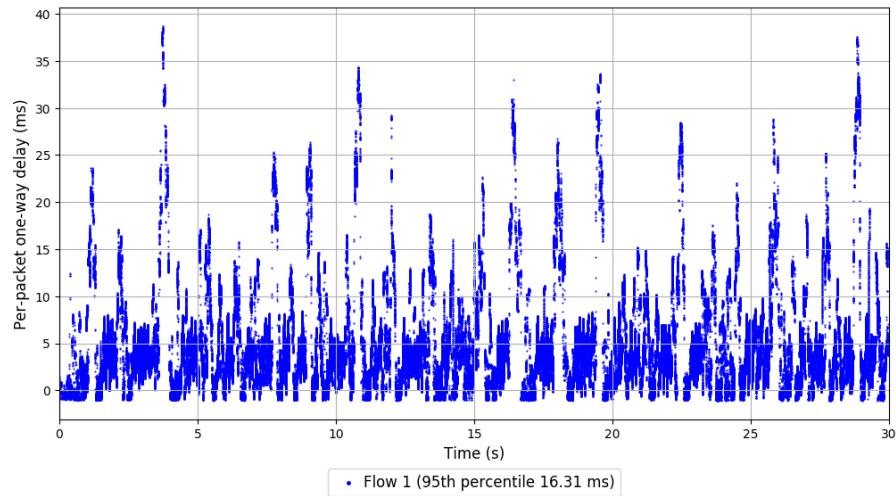
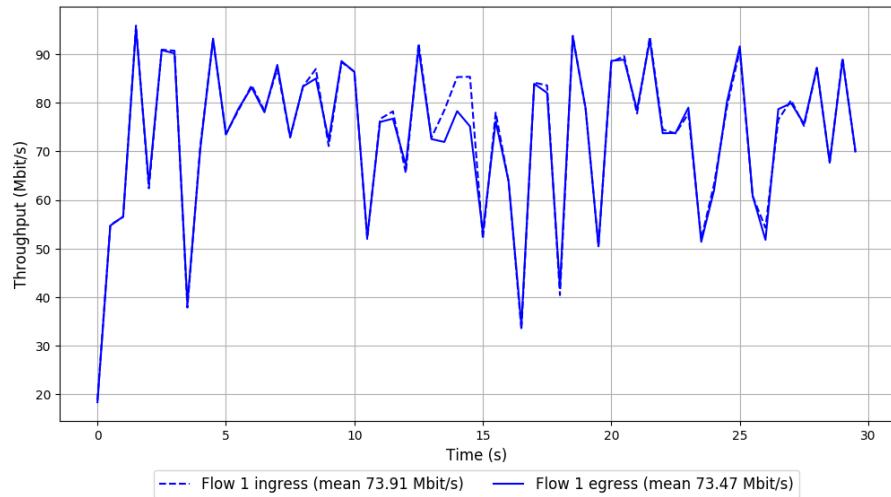


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: 2017-08-16 23:20:13
End at: 2017-08-16 23:20:43
Local clock offset: 1.053 ms
Remote clock offset: -20.726 ms

# Below is generated by plot.py at 2017-08-17 03:56:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.47 Mbit/s
95th percentile per-packet one-way delay: 16.314 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 73.47 Mbit/s
95th percentile per-packet one-way delay: 16.314 ms
Loss rate: 0.58%
```

Run 4: Report of CalibratedKoho — Data Link

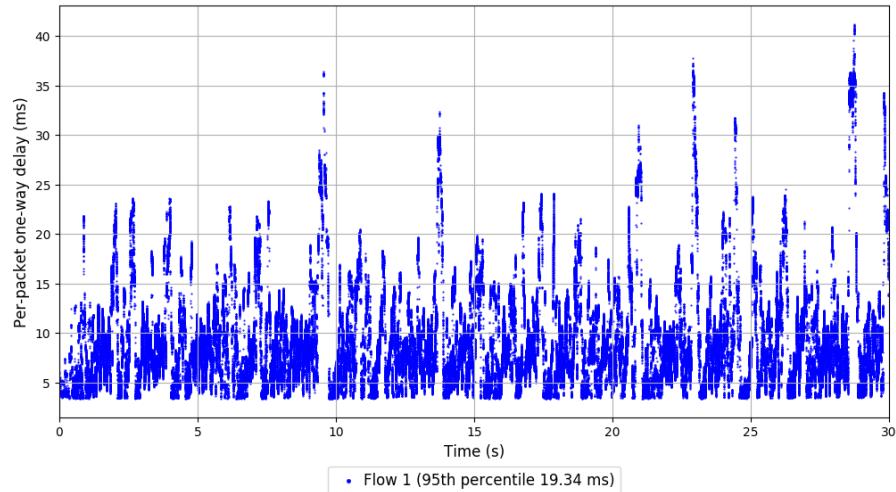
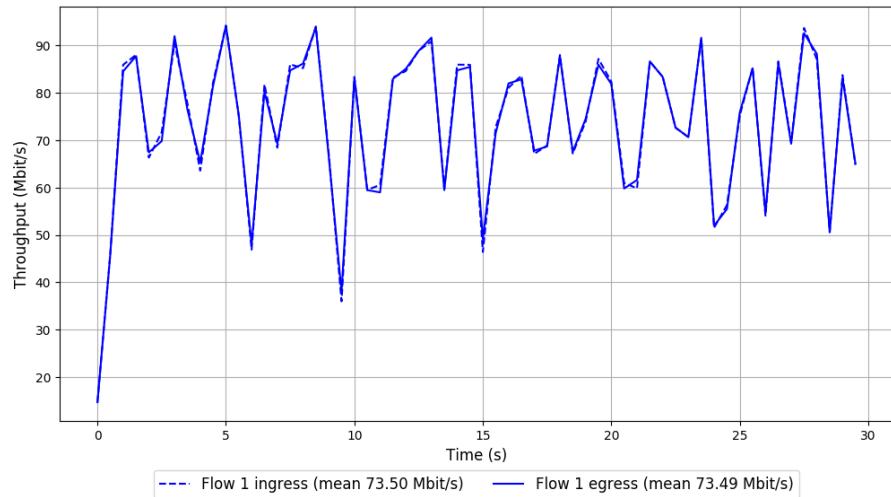


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: 2017-08-16 23:38:51
End at: 2017-08-16 23:39:21
Local clock offset: -0.607 ms
Remote clock offset: -21.951 ms

# Below is generated by plot.py at 2017-08-17 03:56:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.49 Mbit/s
95th percentile per-packet one-way delay: 19.343 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 73.49 Mbit/s
95th percentile per-packet one-way delay: 19.343 ms
Loss rate: 0.03%
```

Run 5: Report of CalibratedKoho — Data Link

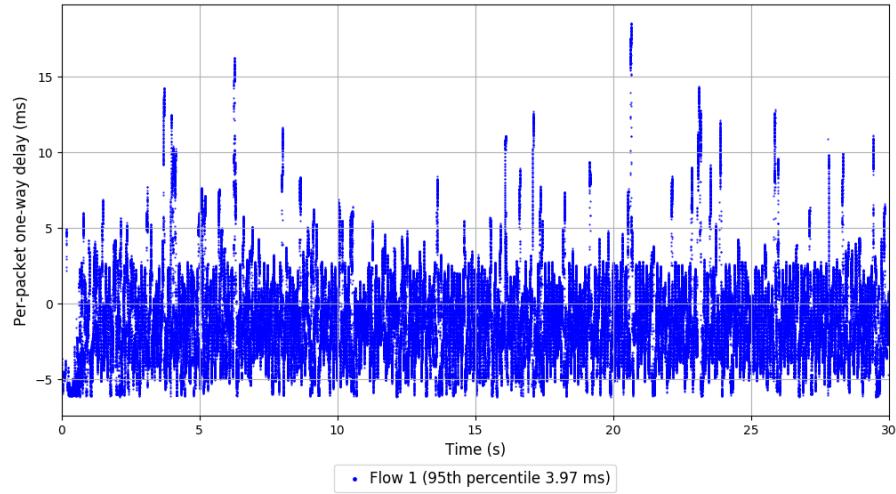
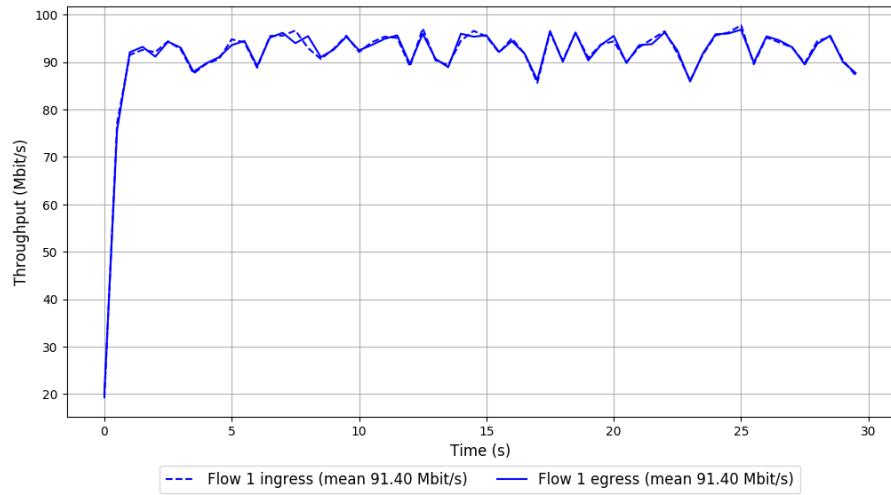


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: 2017-08-17 00:09:19
End at: 2017-08-17 00:09:50
Local clock offset: 0.367 ms
Remote clock offset: -24.303 ms

# Below is generated by plot.py at 2017-08-17 03:56:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 3.966 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 3.966 ms
Loss rate: 0.00%
```

Run 6: Report of CalibratedKoho — Data Link

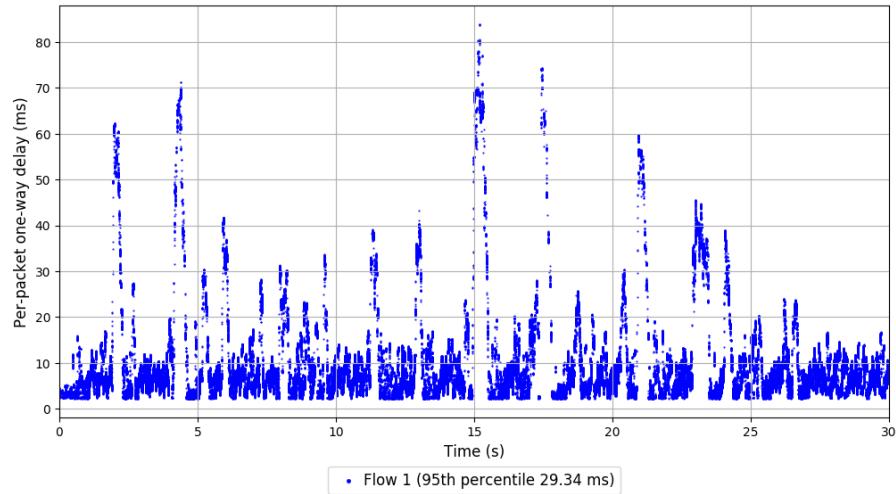
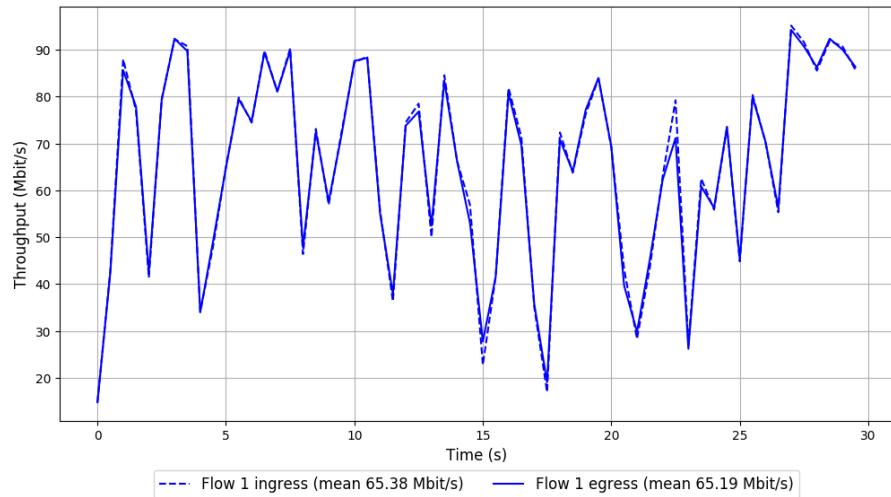


Run 7: Statistics of CalibratedKoho

```
Start at: 2017-08-17 00:37:42
End at: 2017-08-17 00:38:12
Local clock offset: 1.094 ms
Remote clock offset: -22.338 ms

# Below is generated by plot.py at 2017-08-17 03:56:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.19 Mbit/s
95th percentile per-packet one-way delay: 29.338 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 65.19 Mbit/s
95th percentile per-packet one-way delay: 29.338 ms
Loss rate: 0.29%
```

Run 7: Report of CalibratedKoho — Data Link

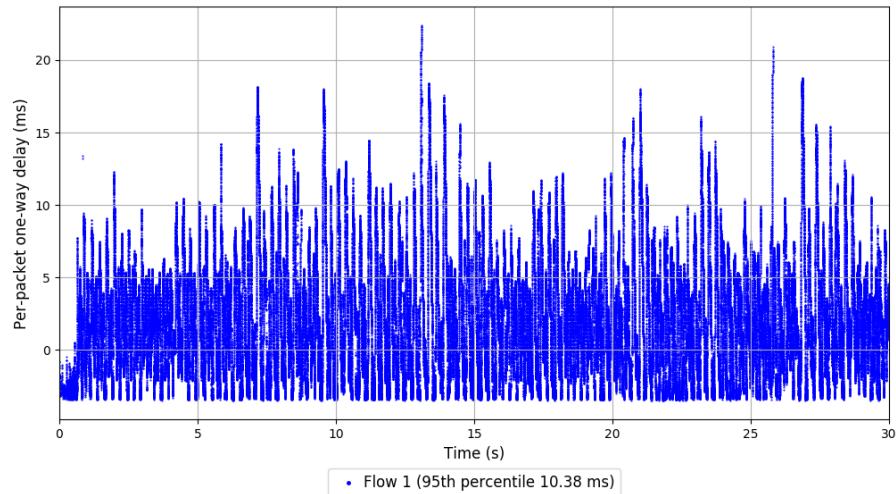
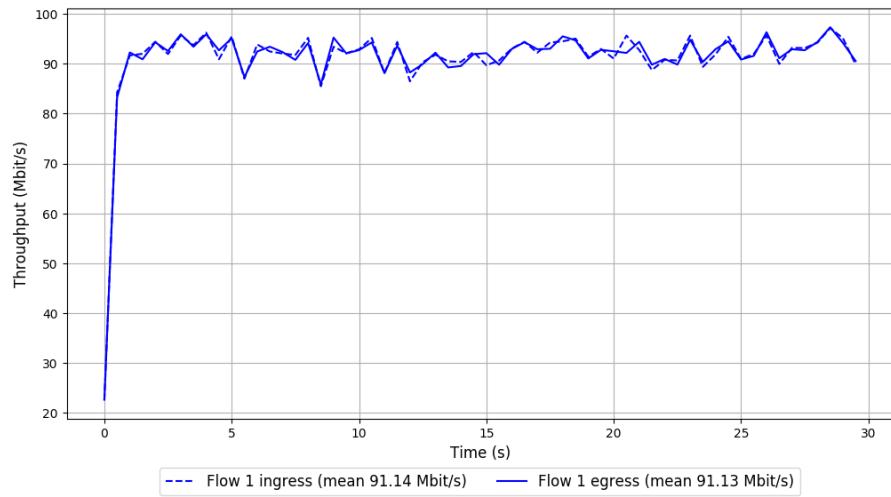


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: 2017-08-17 01:11:15
End at: 2017-08-17 01:11:45
Local clock offset: 0.827 ms
Remote clock offset: -19.853 ms

# Below is generated by plot.py at 2017-08-17 03:56:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.13 Mbit/s
95th percentile per-packet one-way delay: 10.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.13 Mbit/s
95th percentile per-packet one-way delay: 10.380 ms
Loss rate: 0.00%
```

Run 8: Report of CalibratedKoho — Data Link

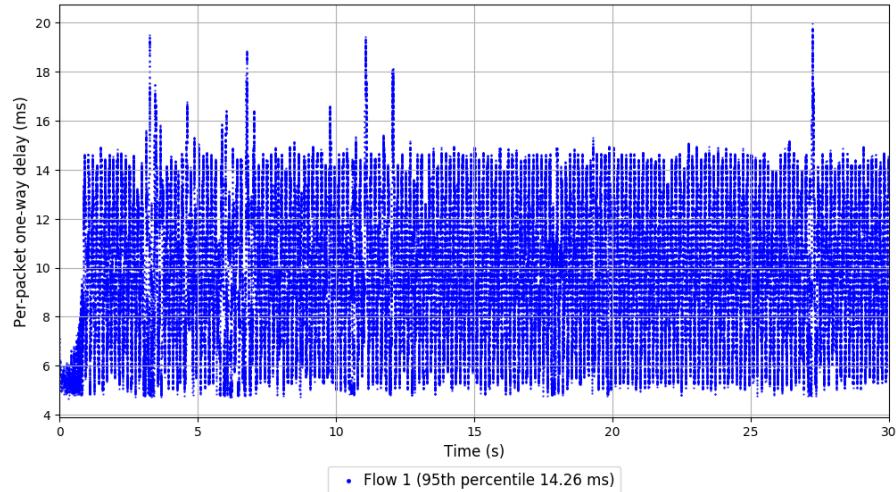
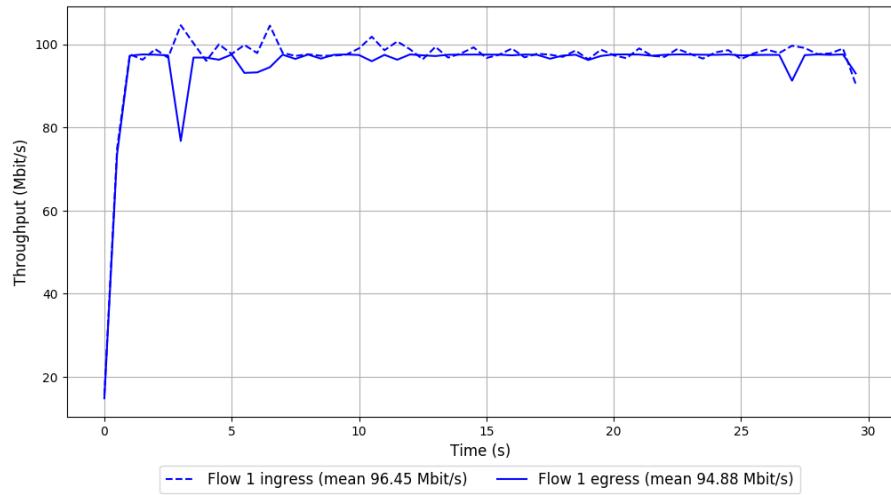


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: 2017-08-17 02:04:02
End at: 2017-08-17 02:04:32
Local clock offset: 0.738 ms
Remote clock offset: -16.808 ms

# Below is generated by plot.py at 2017-08-17 03:56:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.88 Mbit/s
95th percentile per-packet one-way delay: 14.256 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 94.88 Mbit/s
95th percentile per-packet one-way delay: 14.256 ms
Loss rate: 1.60%
```

Run 9: Report of CalibratedKoho — Data Link

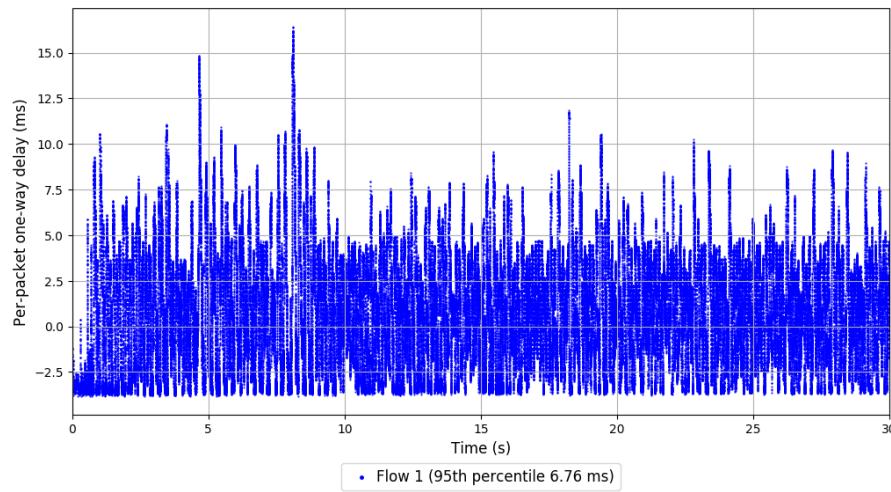
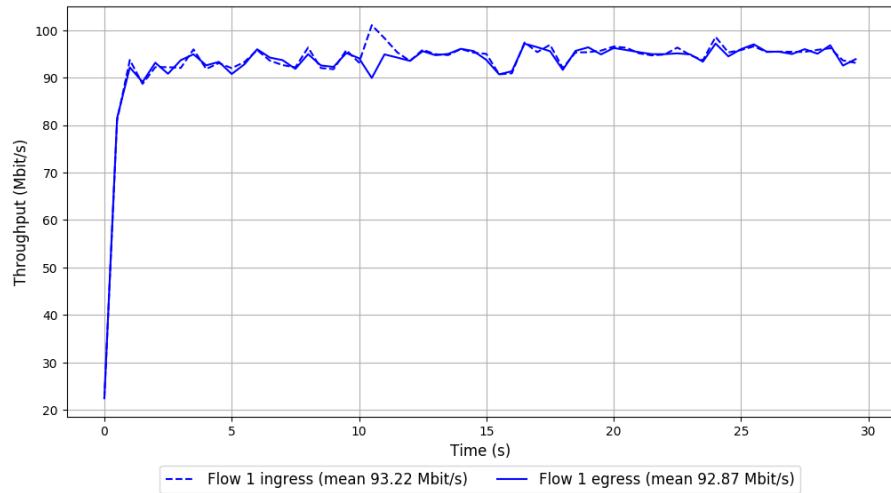


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: 2017-08-17 02:33:55
End at: 2017-08-17 02:34:25
Local clock offset: 1.538 ms
Remote clock offset: -19.09 ms

# Below is generated by plot.py at 2017-08-17 03:56:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.87 Mbit/s
95th percentile per-packet one-way delay: 6.756 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 92.87 Mbit/s
95th percentile per-packet one-way delay: 6.756 ms
Loss rate: 0.36%
```

Run 10: Report of CalibratedKoho — Data Link

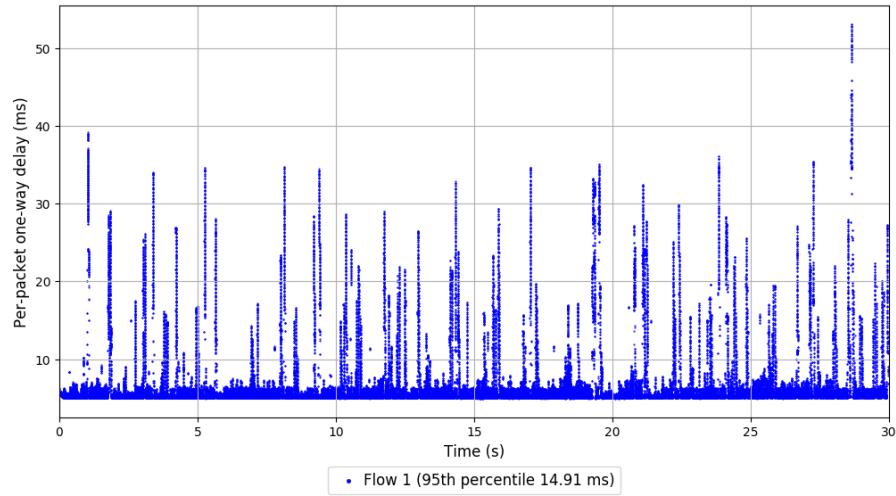
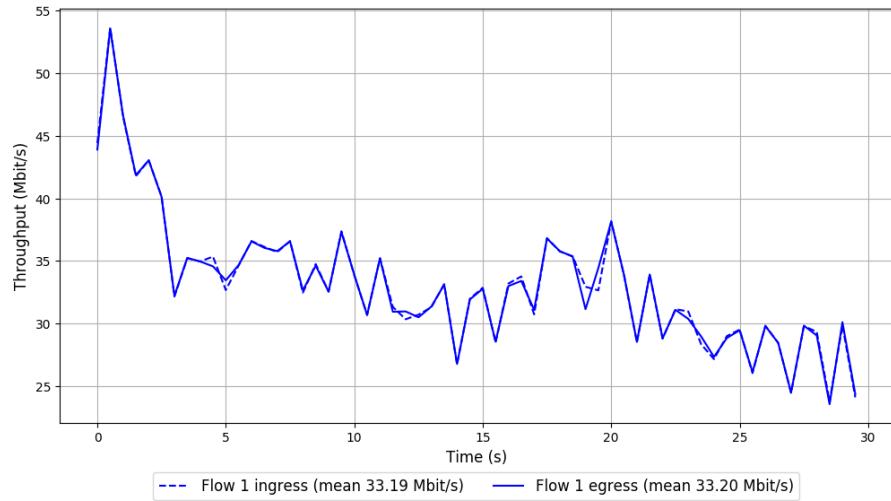


Run 1: Statistics of Copa

```
Start at: 2017-08-16 22:21:49
End at: 2017-08-16 22:22:19
Local clock offset: -2.222 ms
Remote clock offset: -20.919 ms

# Below is generated by plot.py at 2017-08-17 03:56:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.20 Mbit/s
95th percentile per-packet one-way delay: 14.915 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 33.20 Mbit/s
95th percentile per-packet one-way delay: 14.915 ms
Loss rate: 0.02%
```

Run 1: Report of Copa — Data Link

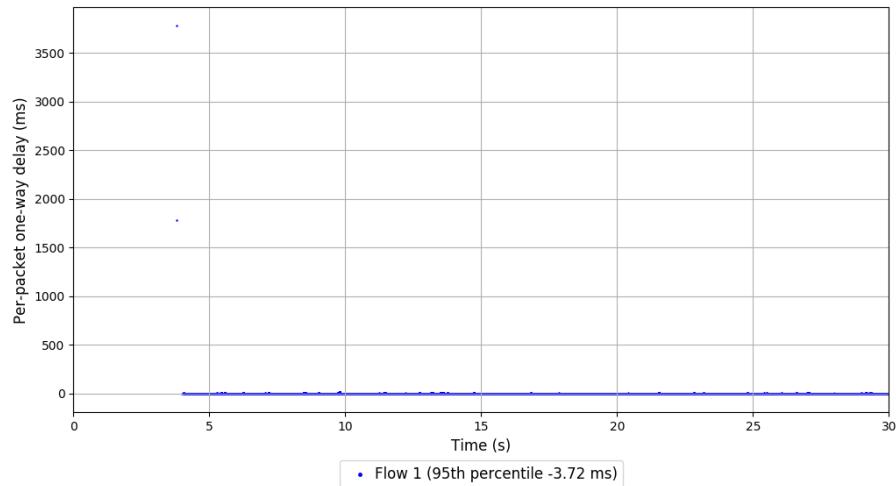
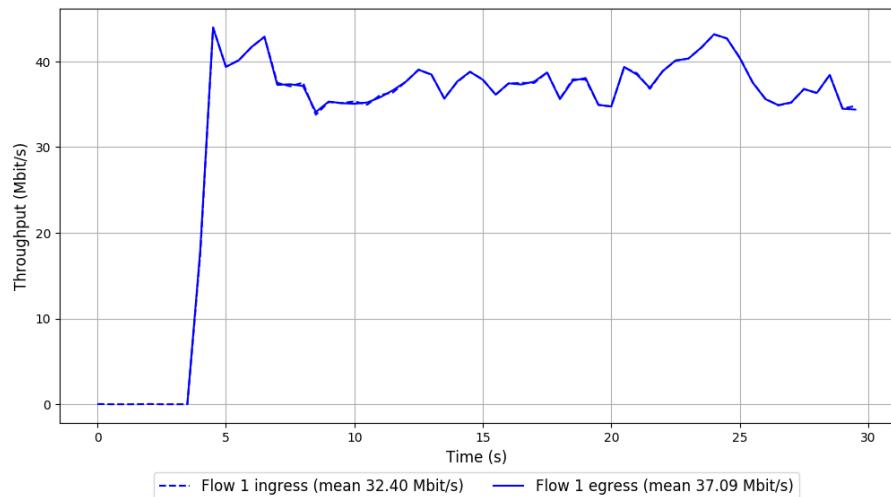


Run 2: Statistics of Copa

```
Start at: 2017-08-16 22:39:26
End at: 2017-08-16 22:39:56
Local clock offset: 0.757 ms
Remote clock offset: -21.83 ms

# Below is generated by plot.py at 2017-08-17 03:56:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.09 Mbit/s
95th percentile per-packet one-way delay: -3.716 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.09 Mbit/s
95th percentile per-packet one-way delay: -3.716 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

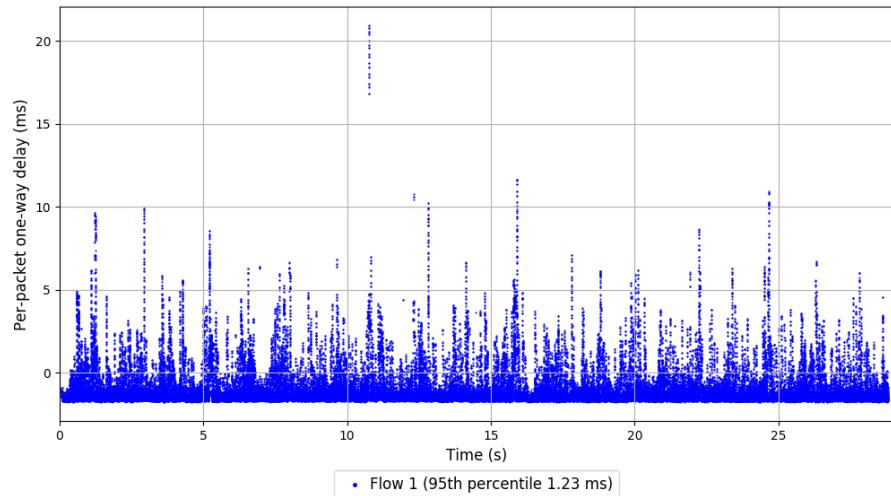
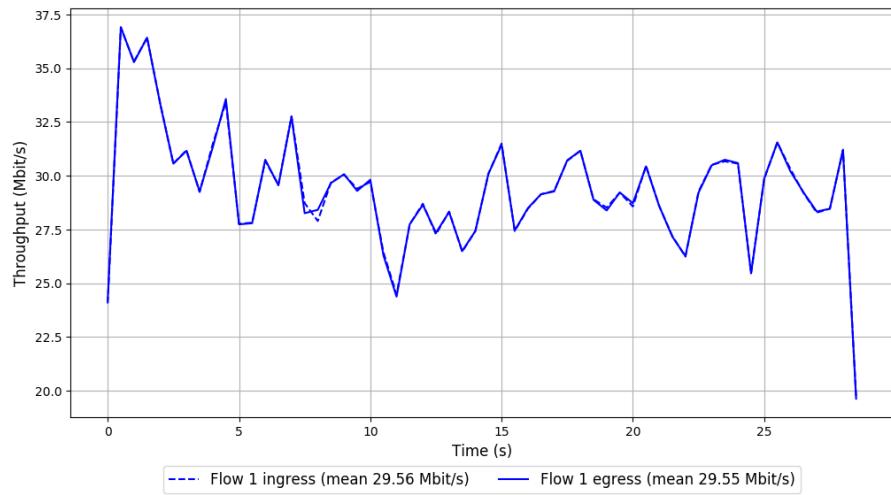


Run 3: Statistics of Copa

```
Start at: 2017-08-16 22:57:52
End at: 2017-08-16 22:58:22
Local clock offset: -2.5 ms
Remote clock offset: -20.168 ms

# Below is generated by plot.py at 2017-08-17 03:56:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.55 Mbit/s
95th percentile per-packet one-way delay: 1.227 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 29.55 Mbit/s
95th percentile per-packet one-way delay: 1.227 ms
Loss rate: 0.01%
```

Run 3: Report of Copa — Data Link

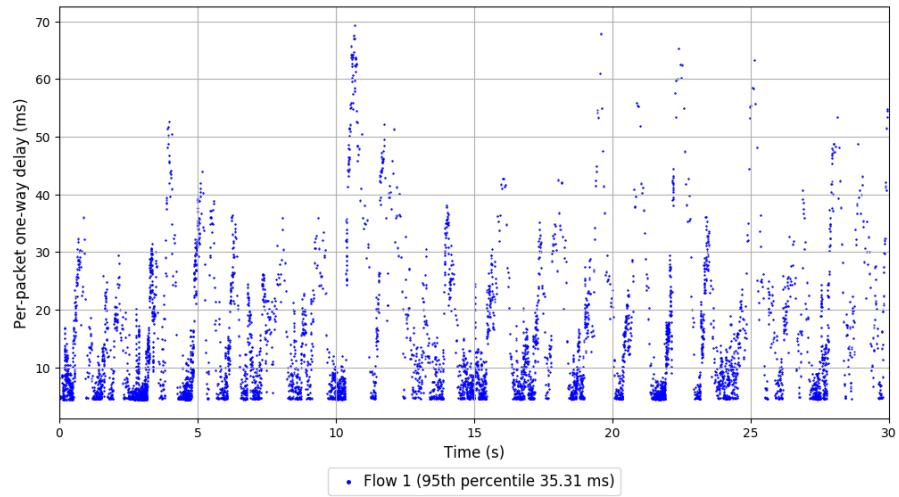
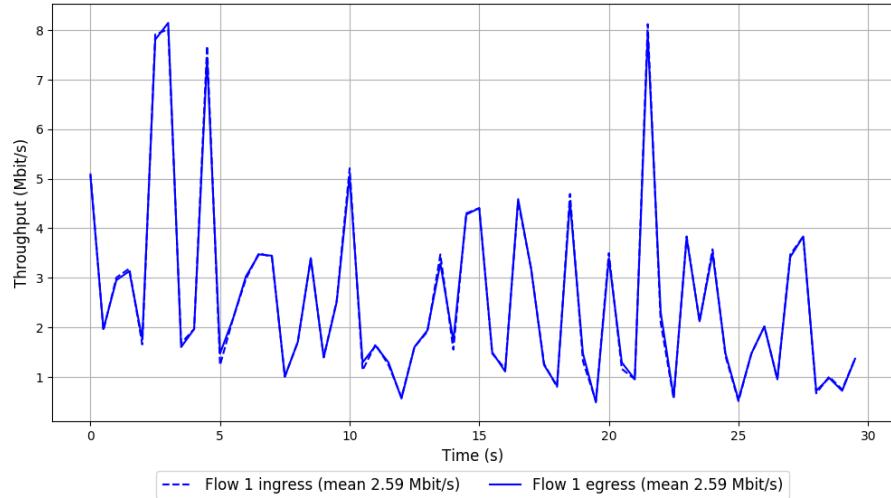


Run 4: Statistics of Copa

```
Start at: 2017-08-16 23:16:45
End at: 2017-08-16 23:17:15
Local clock offset: -3.117 ms
Remote clock offset: -22.71 ms

# Below is generated by plot.py at 2017-08-17 03:56:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: 35.314 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: 35.314 ms
Loss rate: 0.05%
```

Run 4: Report of Copa — Data Link

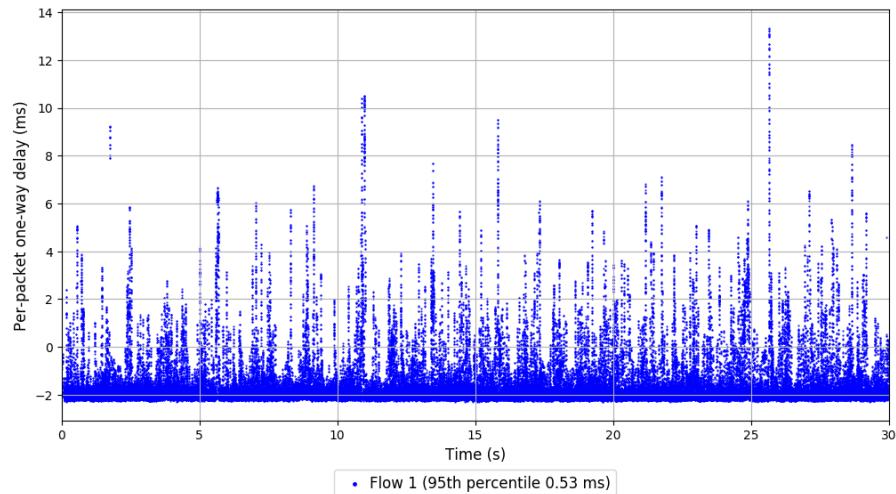
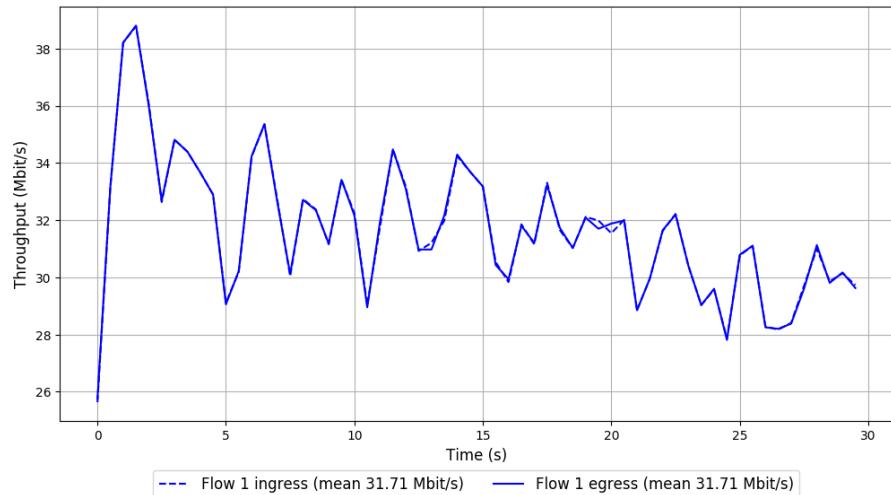


Run 5: Statistics of Copa

```
Start at: 2017-08-16 23:35:19
End at: 2017-08-16 23:35:49
Local clock offset: -2.123 ms
Remote clock offset: -21.714 ms

# Below is generated by plot.py at 2017-08-17 03:56:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 0.528 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 0.528 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

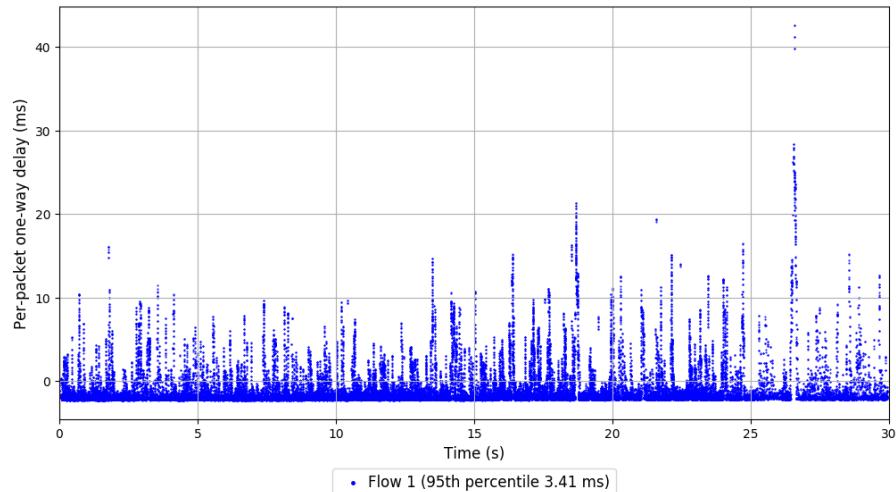
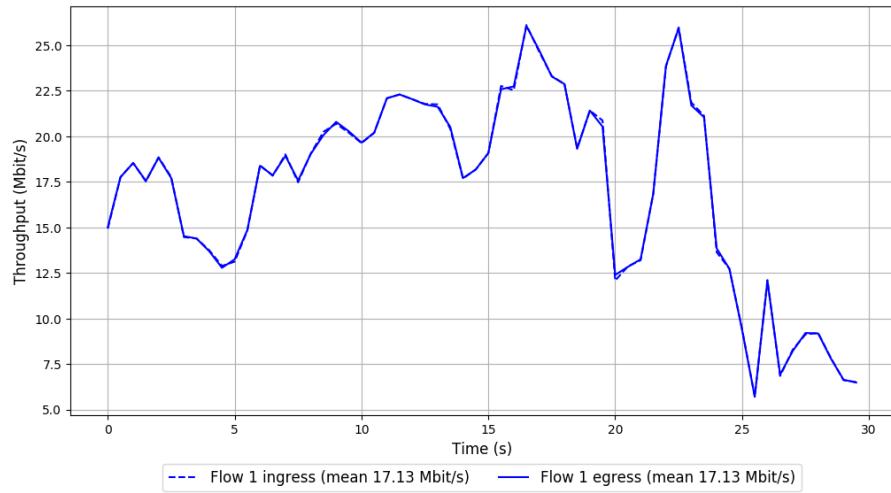


Run 6: Statistics of Copa

```
Start at: 2017-08-17 00:03:10
End at: 2017-08-17 00:03:40
Local clock offset: -1.581 ms
Remote clock offset: -22.268 ms

# Below is generated by plot.py at 2017-08-17 03:56:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.13 Mbit/s
95th percentile per-packet one-way delay: 3.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 17.13 Mbit/s
95th percentile per-packet one-way delay: 3.407 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

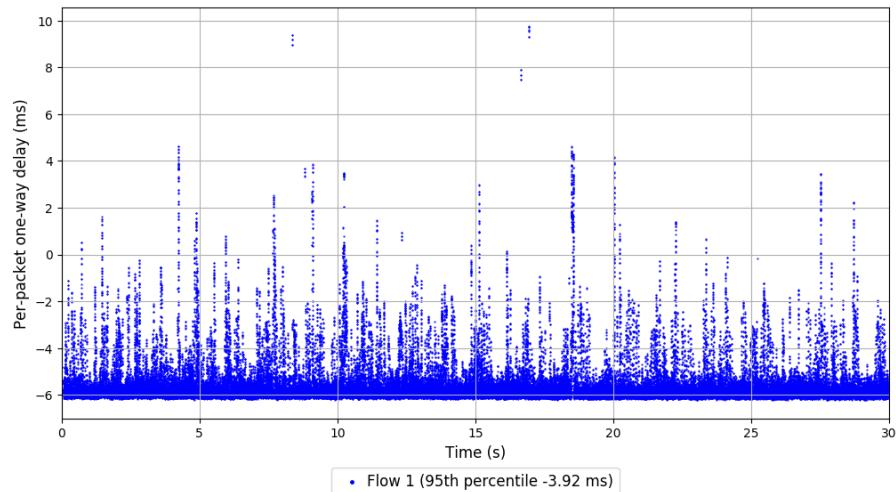
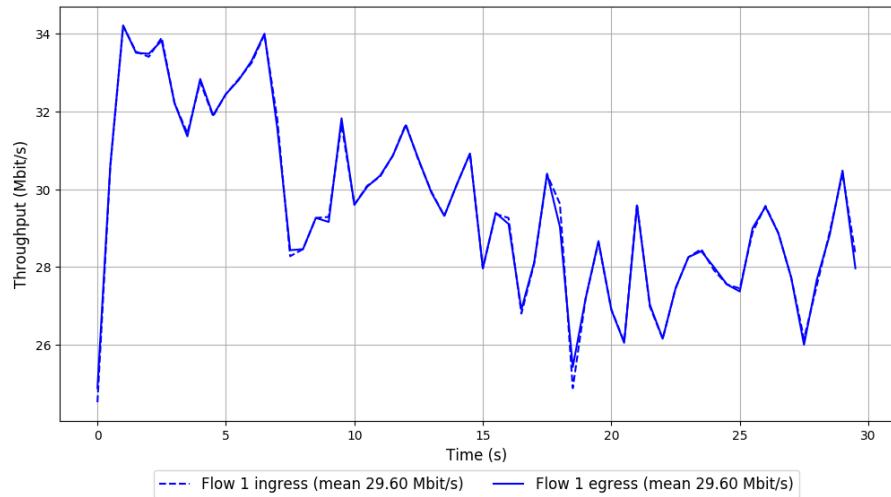


Run 7: Statistics of Copa

```
Start at: 2017-08-17 00:33:25
End at: 2017-08-17 00:33:55
Local clock offset: 1.222 ms
Remote clock offset: -23.261 ms

# Below is generated by plot.py at 2017-08-17 03:56:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.60 Mbit/s
95th percentile per-packet one-way delay: -3.918 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 29.60 Mbit/s
95th percentile per-packet one-way delay: -3.918 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

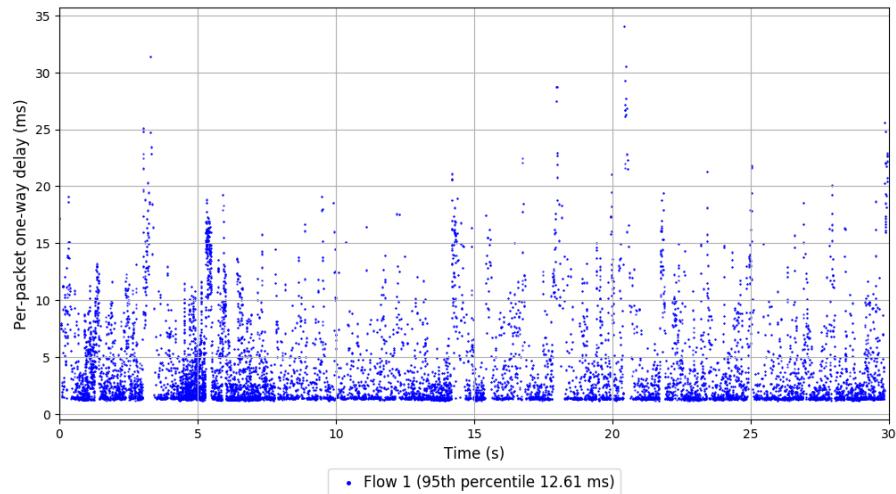
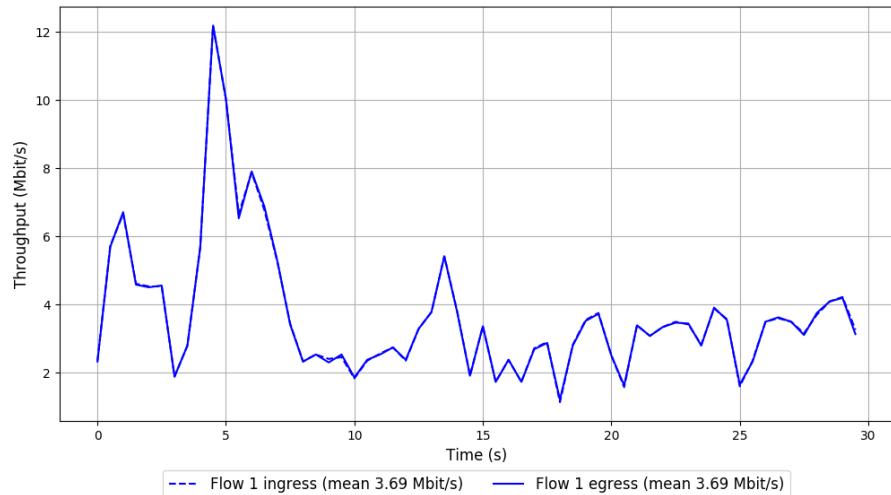


Run 8: Statistics of Copa

```
Start at: 2017-08-17 01:04:47
End at: 2017-08-17 01:05:17
Local clock offset: 0.538 ms
Remote clock offset: -22.736 ms

# Below is generated by plot.py at 2017-08-17 03:56:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.69 Mbit/s
95th percentile per-packet one-way delay: 12.610 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 3.69 Mbit/s
95th percentile per-packet one-way delay: 12.610 ms
Loss rate: 0.07%
```

Run 8: Report of Copa — Data Link

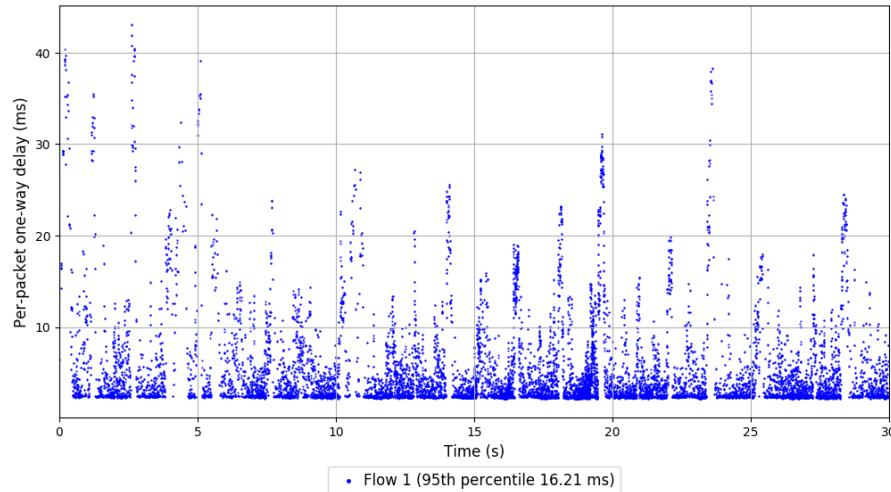
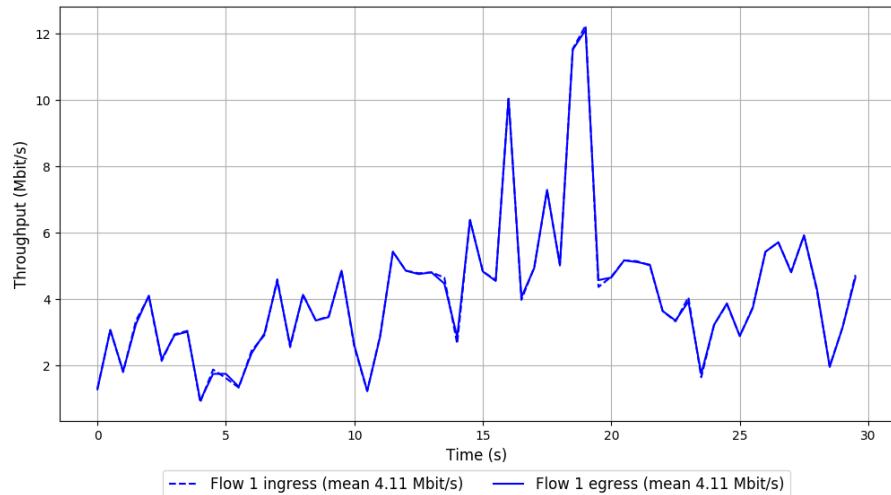


Run 9: Statistics of Copa

```
Start at: 2017-08-17 01:56:19
End at: 2017-08-17 01:56:49
Local clock offset: 1.956 ms
Remote clock offset: -18.403 ms

# Below is generated by plot.py at 2017-08-17 03:56:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 16.210 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 16.210 ms
Loss rate: 0.04%
```

Run 9: Report of Copa — Data Link

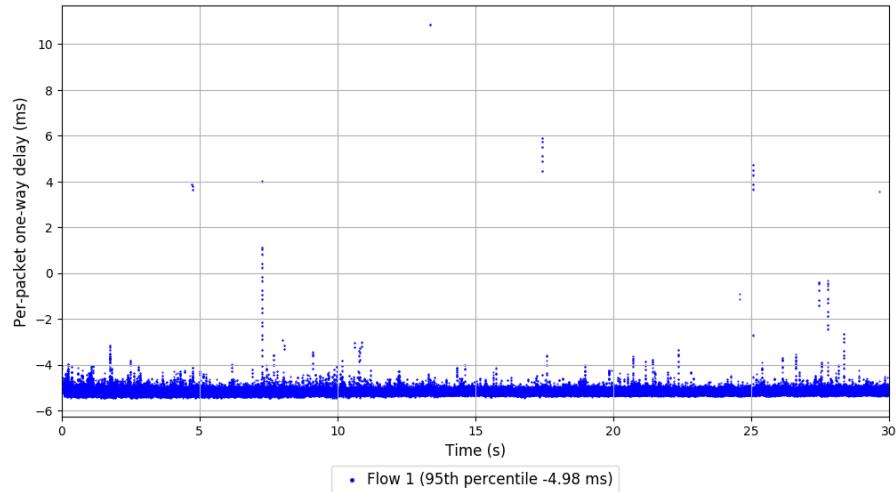
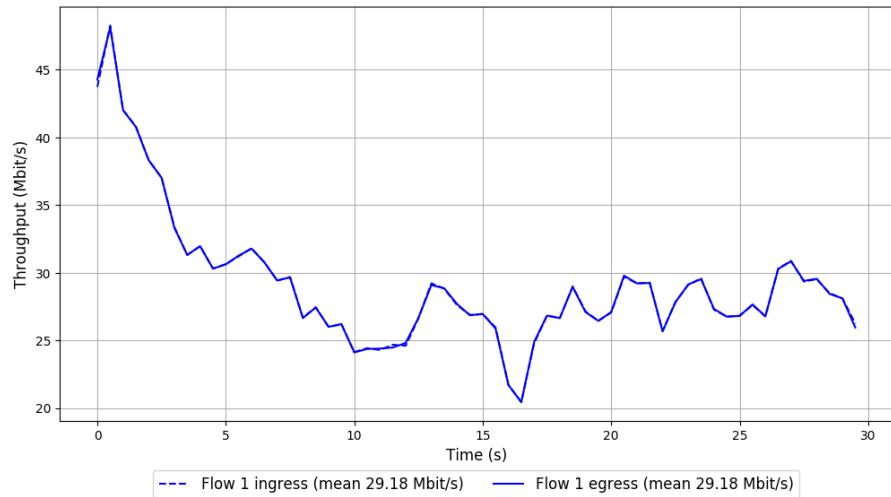


Run 10: Statistics of Copa

```
Start at: 2017-08-17 02:24:03
End at: 2017-08-17 02:24:33
Local clock offset: 2.855 ms
Remote clock offset: -18.633 ms

# Below is generated by plot.py at 2017-08-17 03:57:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.18 Mbit/s
95th percentile per-packet one-way delay: -4.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 29.18 Mbit/s
95th percentile per-packet one-way delay: -4.976 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link

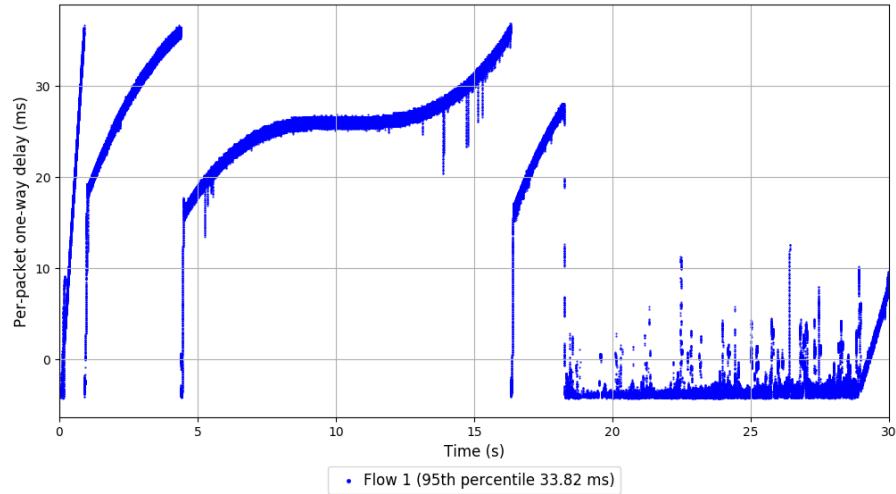
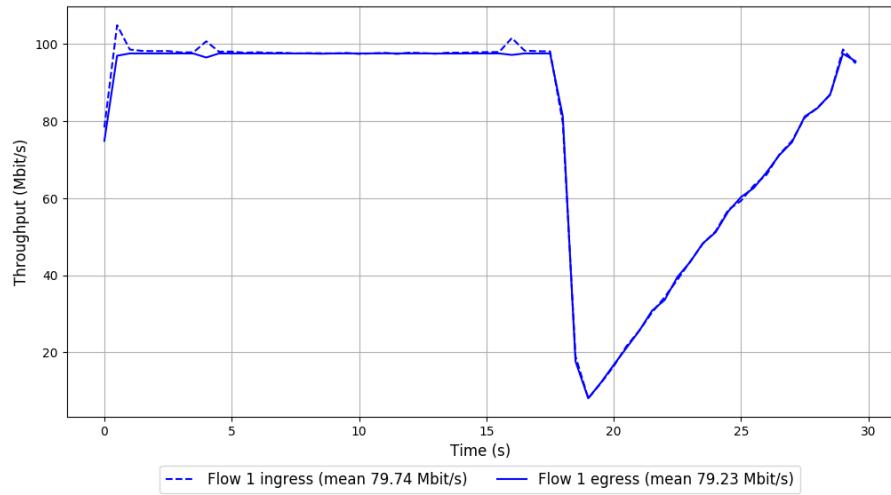


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-08-16 22:29:46
End at: 2017-08-16 22:30:16
Local clock offset: 0.227 ms
Remote clock offset: -20.837 ms

# Below is generated by plot.py at 2017-08-17 03:57:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.23 Mbit/s
95th percentile per-packet one-way delay: 33.818 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 79.23 Mbit/s
95th percentile per-packet one-way delay: 33.818 ms
Loss rate: 0.60%
```

Run 1: Report of TCP Cubic — Data Link

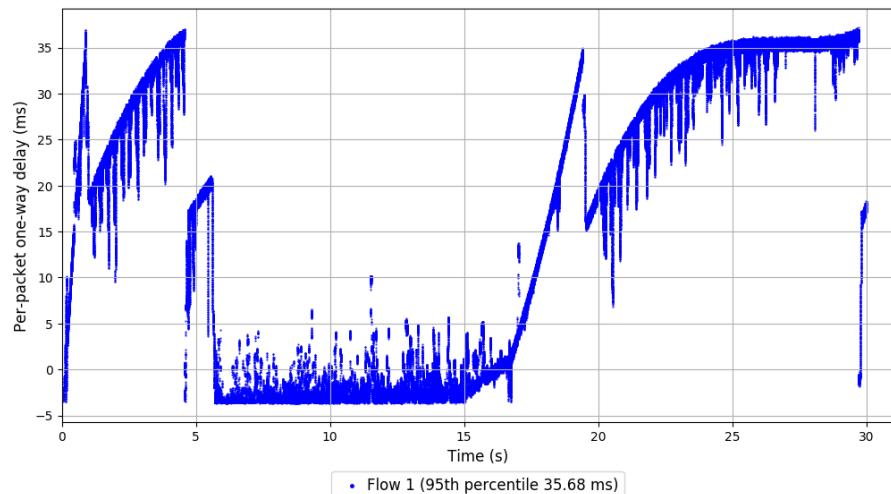
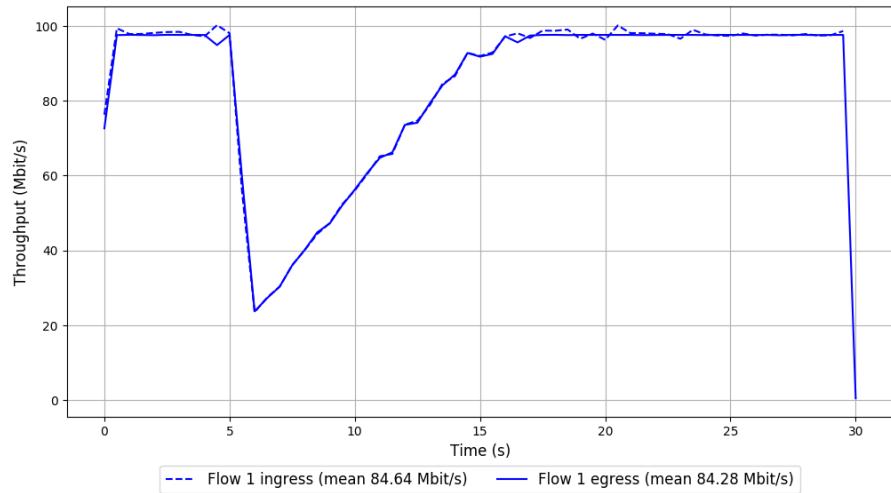


Run 2: Statistics of TCP Cubic

```
Start at: 2017-08-16 22:47:59
End at: 2017-08-16 22:48:29
Local clock offset: -0.664 ms
Remote clock offset: -20.952 ms

# Below is generated by plot.py at 2017-08-17 03:57:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.28 Mbit/s
95th percentile per-packet one-way delay: 35.680 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 84.28 Mbit/s
95th percentile per-packet one-way delay: 35.680 ms
Loss rate: 0.36%
```

Run 2: Report of TCP Cubic — Data Link

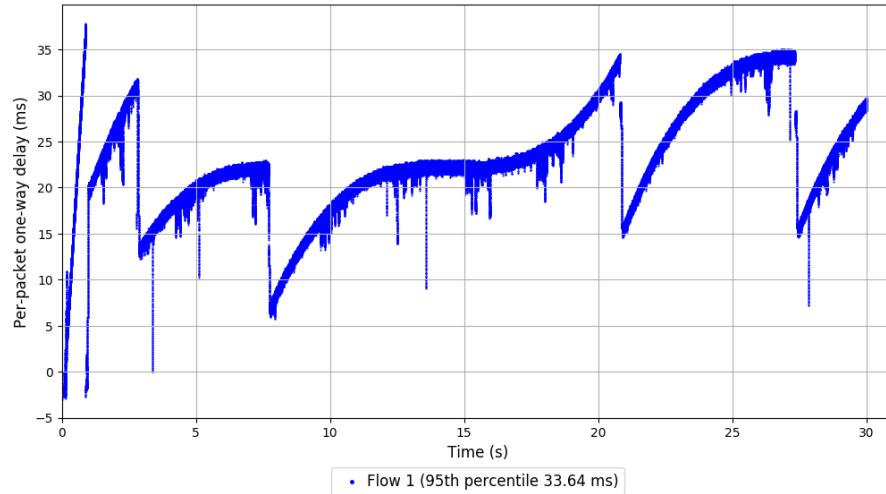
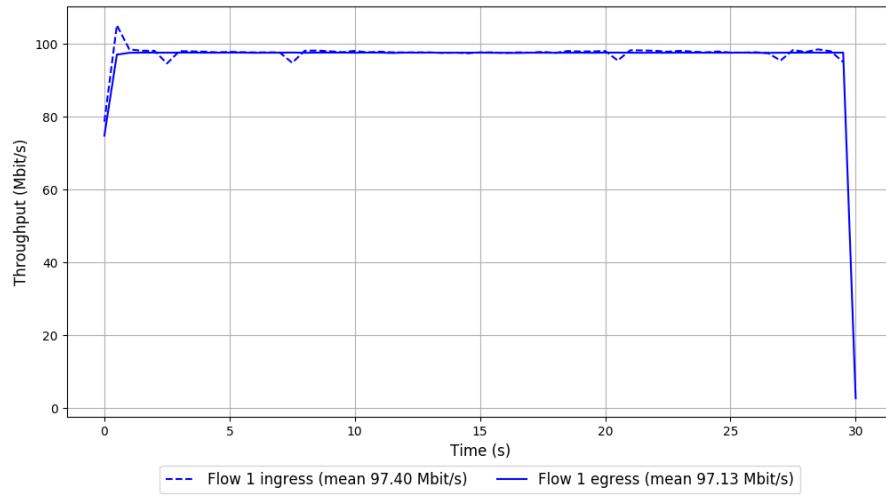


```
Run 3: Statistics of TCP Cubic
```

```
Start at: 2017-08-16 23:06:24
End at: 2017-08-16 23:06:54
Local clock offset: -0.106 ms
Remote clock offset: -19.116 ms

# Below is generated by plot.py at 2017-08-17 03:57:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 33.641 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 33.641 ms
Loss rate: 0.18%
```

Run 3: Report of TCP Cubic — Data Link

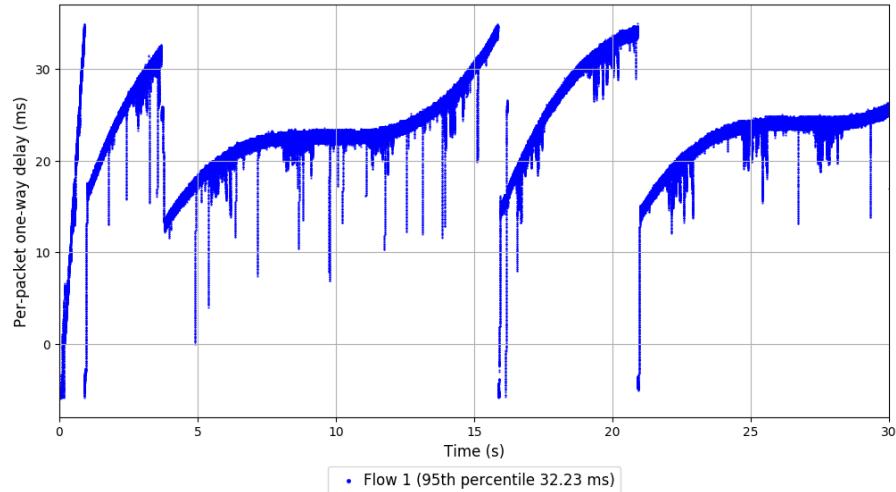
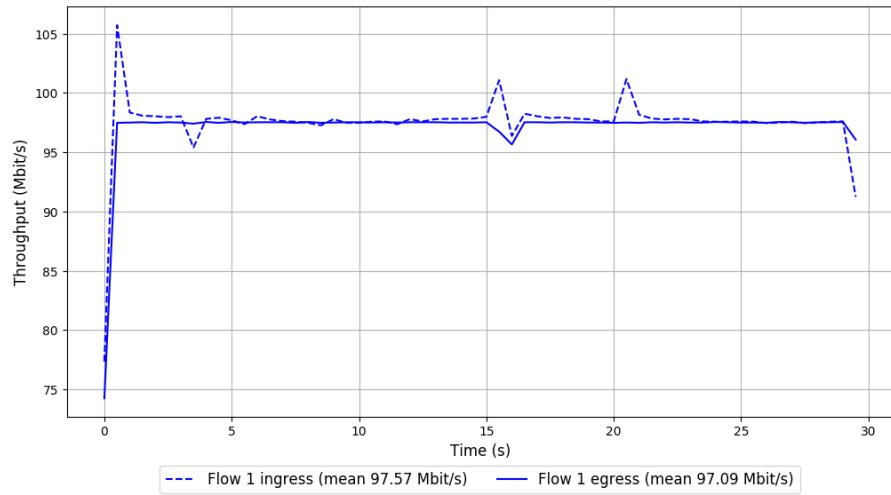


Run 4: Statistics of TCP Cubic

```
Start at: 2017-08-16 23:25:15
End at: 2017-08-16 23:25:45
Local clock offset: -0.013 ms
Remote clock offset: -22.82 ms

# Below is generated by plot.py at 2017-08-17 03:57:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 32.228 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 32.228 ms
Loss rate: 0.42%
```

Run 4: Report of TCP Cubic — Data Link

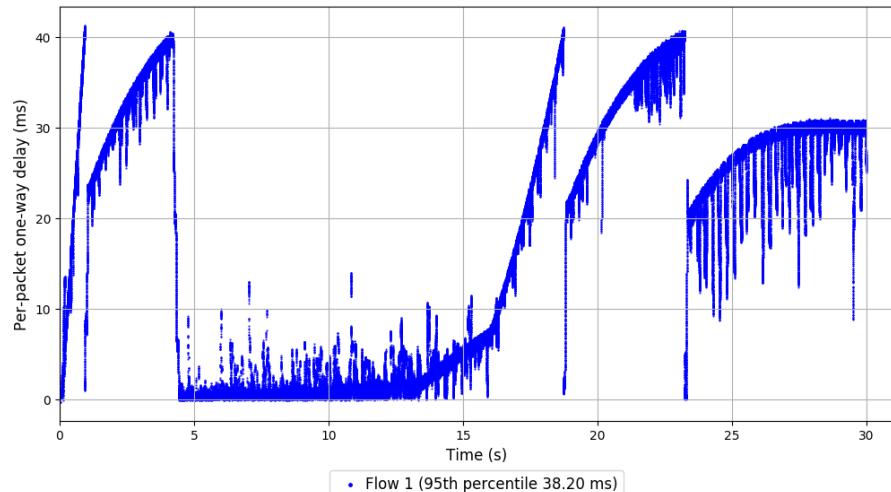
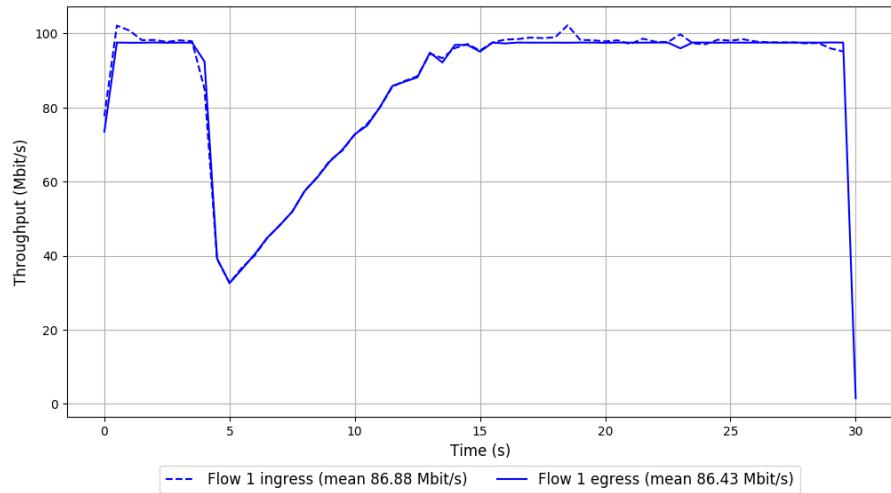


Run 5: Statistics of TCP Cubic

```
Start at: 2017-08-16 23:44:00
End at: 2017-08-16 23:44:30
Local clock offset: -2.951 ms
Remote clock offset: -21.047 ms

# Below is generated by plot.py at 2017-08-17 03:57:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 38.199 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 38.199 ms
Loss rate: 0.43%
```

Run 5: Report of TCP Cubic — Data Link

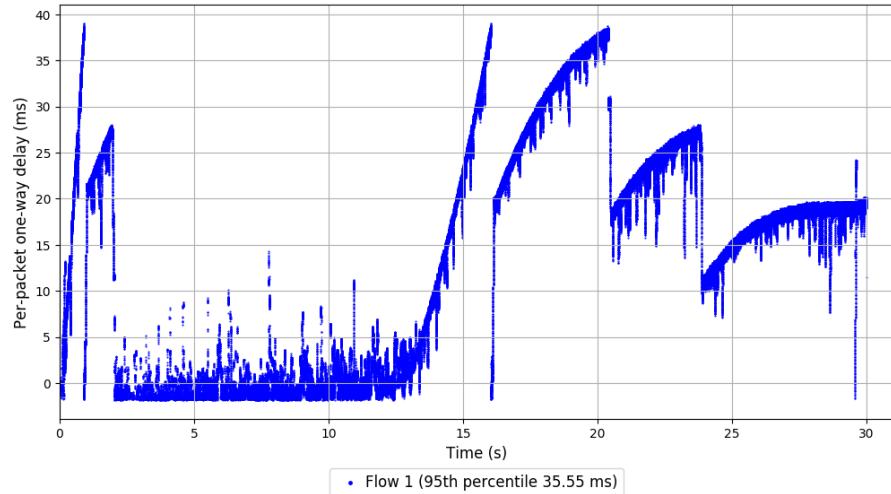
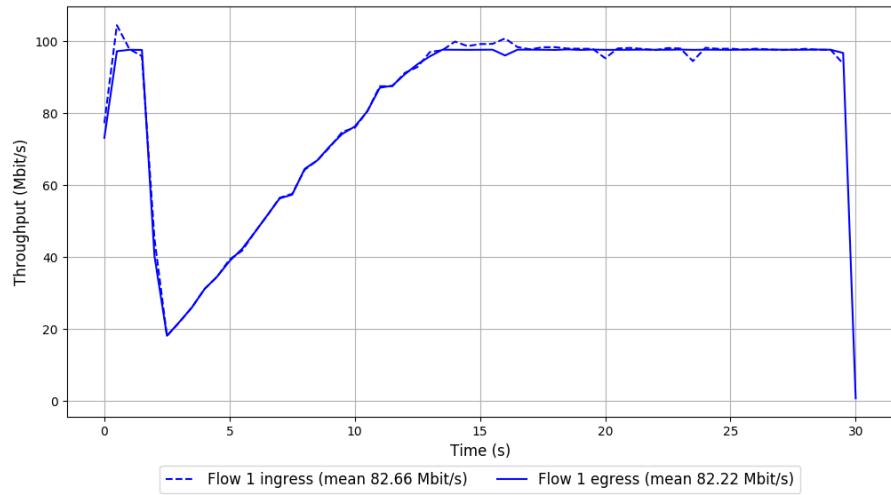


Run 6: Statistics of TCP Cubic

```
Start at: 2017-08-17 00:18:02
End at: 2017-08-17 00:18:32
Local clock offset: -2.746 ms
Remote clock offset: -22.862 ms

# Below is generated by plot.py at 2017-08-17 03:57:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.22 Mbit/s
95th percentile per-packet one-way delay: 35.555 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 82.22 Mbit/s
95th percentile per-packet one-way delay: 35.555 ms
Loss rate: 0.49%
```

Run 6: Report of TCP Cubic — Data Link

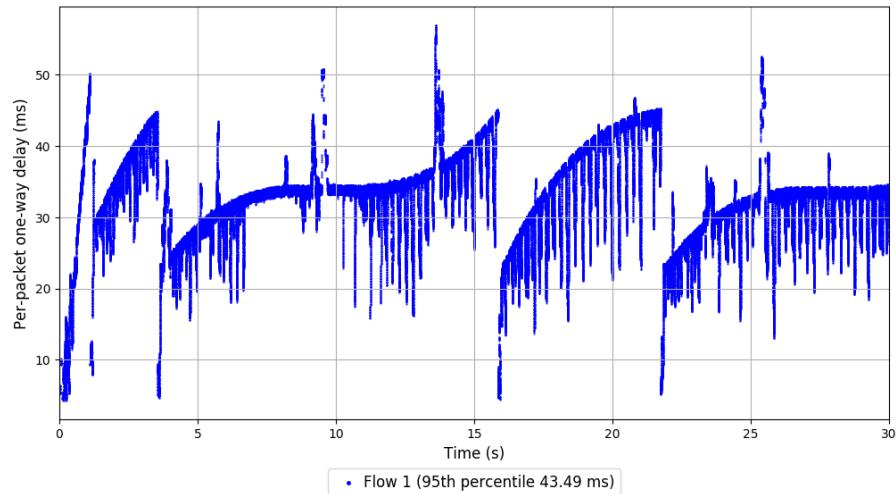
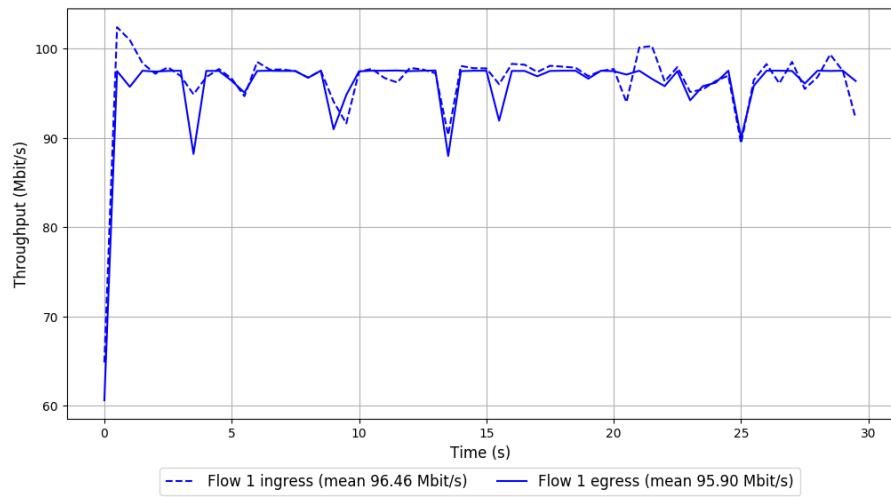


Run 7: Statistics of TCP Cubic

```
Start at: 2017-08-17 00:45:33
End at: 2017-08-17 00:46:03
Local clock offset: -0.25 ms
Remote clock offset: -21.559 ms

# Below is generated by plot.py at 2017-08-17 03:57:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 43.486 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 43.486 ms
Loss rate: 0.57%
```

Run 7: Report of TCP Cubic — Data Link

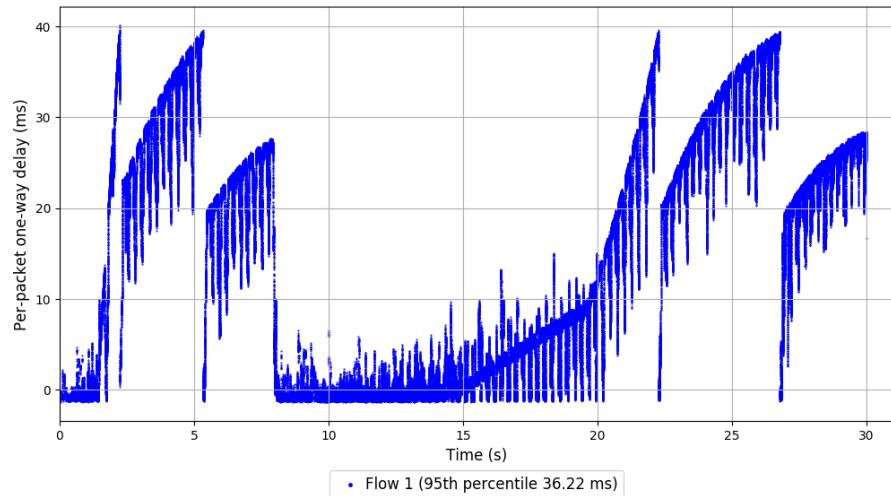
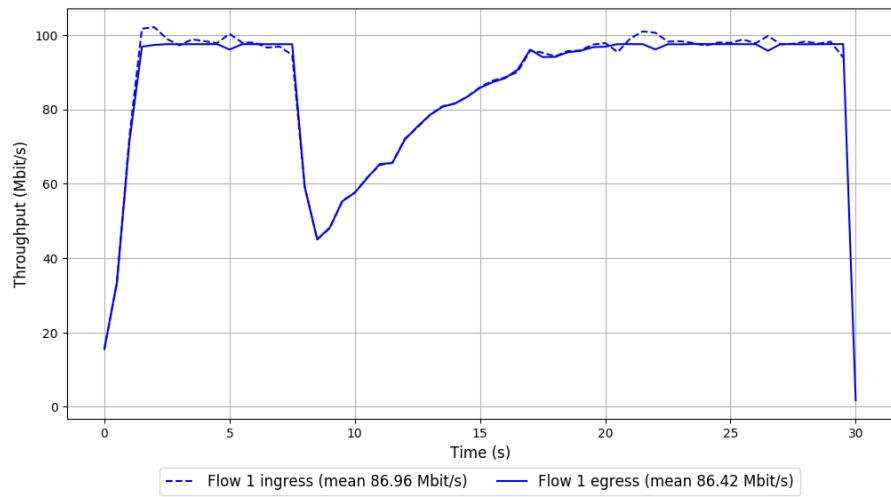


Run 8: Statistics of TCP Cubic

```
Start at: 2017-08-17 01:20:37
End at: 2017-08-17 01:21:07
Local clock offset: -1.838 ms
Remote clock offset: -19.903 ms

# Below is generated by plot.py at 2017-08-17 03:57:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.42 Mbit/s
95th percentile per-packet one-way delay: 36.220 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 86.42 Mbit/s
95th percentile per-packet one-way delay: 36.220 ms
Loss rate: 0.56%
```

Run 8: Report of TCP Cubic — Data Link

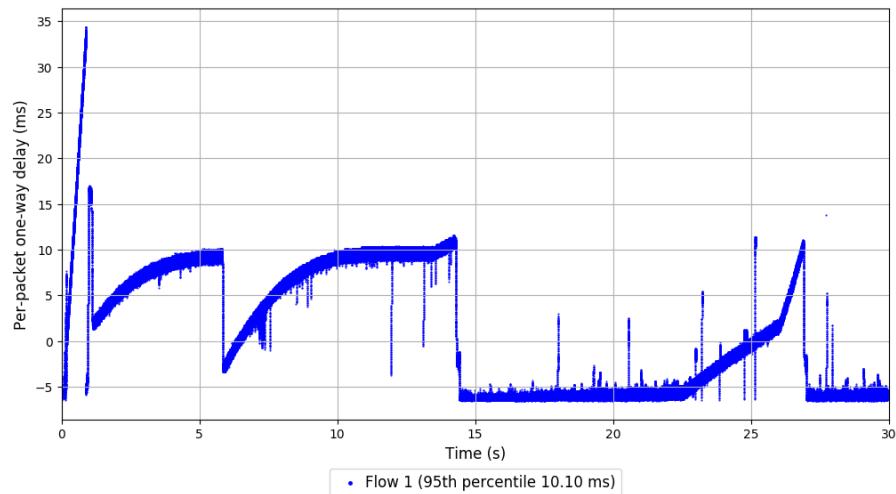
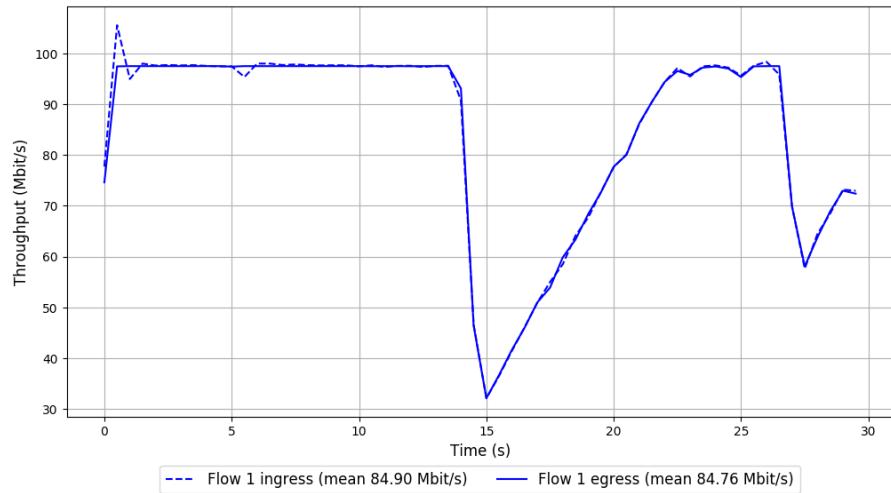


Run 9: Statistics of TCP Cubic

```
Start at: 2017-08-17 02:08:52
End at: 2017-08-17 02:09:22
Local clock offset: 2.655 ms
Remote clock offset: -18.799 ms

# Below is generated by plot.py at 2017-08-17 03:57:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.76 Mbit/s
95th percentile per-packet one-way delay: 10.100 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 84.76 Mbit/s
95th percentile per-packet one-way delay: 10.100 ms
Loss rate: 0.17%
```

Run 9: Report of TCP Cubic — Data Link

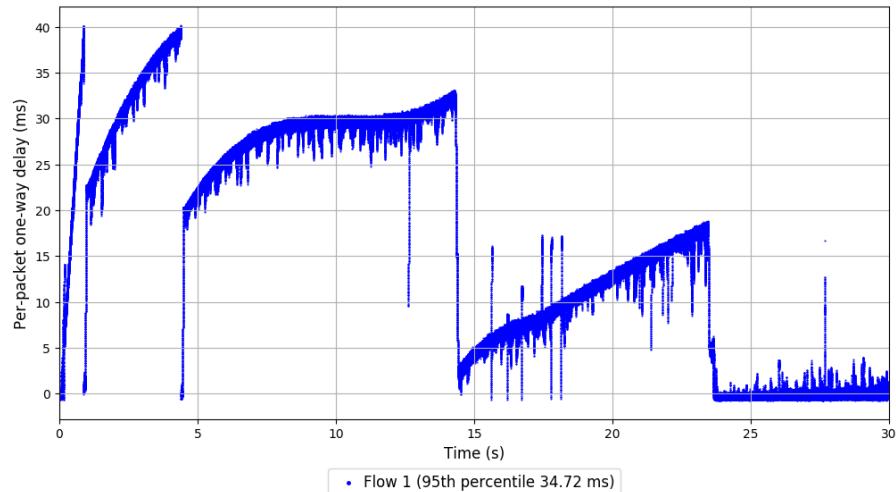
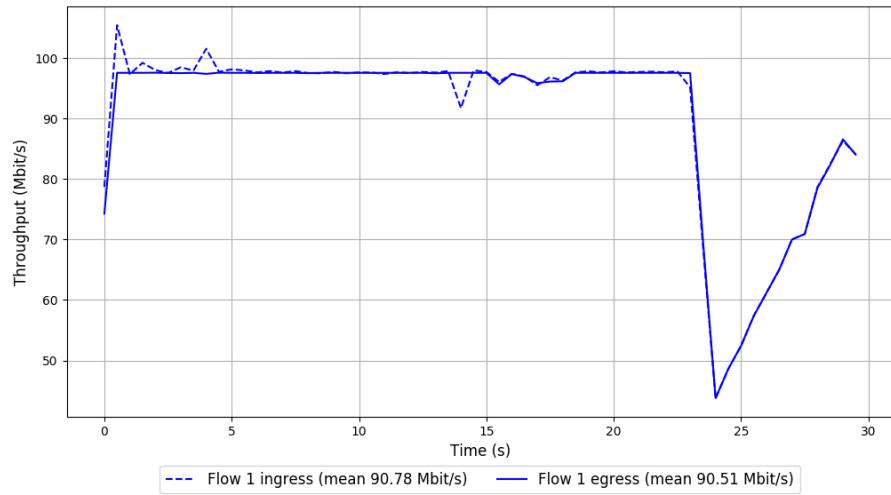


Run 10: Statistics of TCP Cubic

```
Start at: 2017-08-17 02:53:23
End at: 2017-08-17 02:53:53
Local clock offset: 0.069 ms
Remote clock offset: -18.616 ms

# Below is generated by plot.py at 2017-08-17 03:58:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.51 Mbit/s
95th percentile per-packet one-way delay: 34.724 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 90.51 Mbit/s
95th percentile per-packet one-way delay: 34.724 ms
Loss rate: 0.29%
```

Run 10: Report of TCP Cubic — Data Link

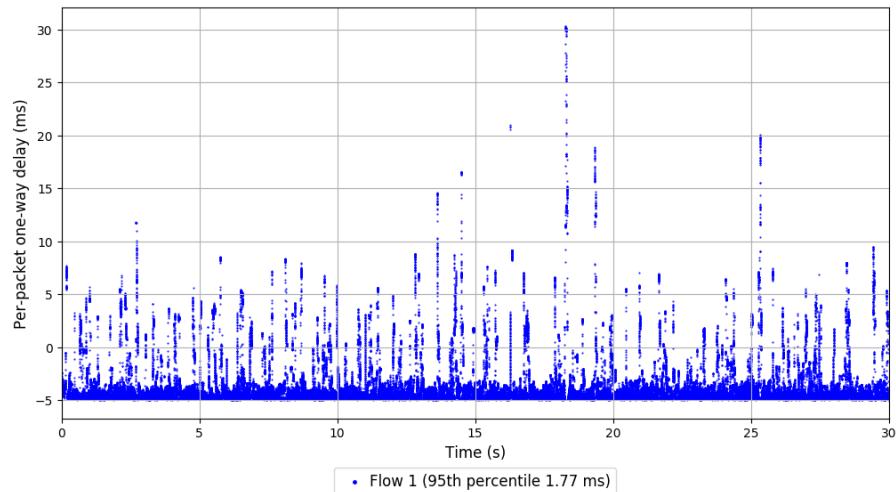
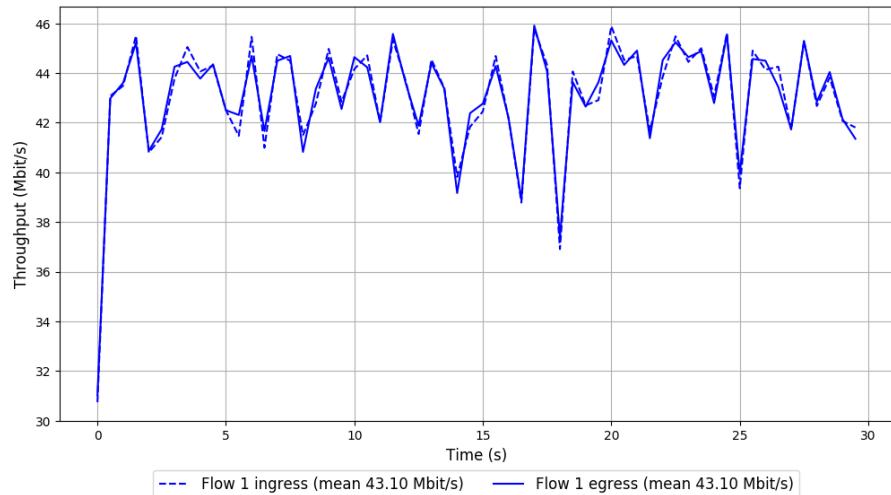


```
Run 1: Statistics of KohoCC

Start at: 2017-08-16 22:27:29
End at: 2017-08-16 22:27:59
Local clock offset: 2.012 ms
Remote clock offset: -20.091 ms

# Below is generated by plot.py at 2017-08-17 03:58:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.10 Mbit/s
95th percentile per-packet one-way delay: 1.772 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.10 Mbit/s
95th percentile per-packet one-way delay: 1.772 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

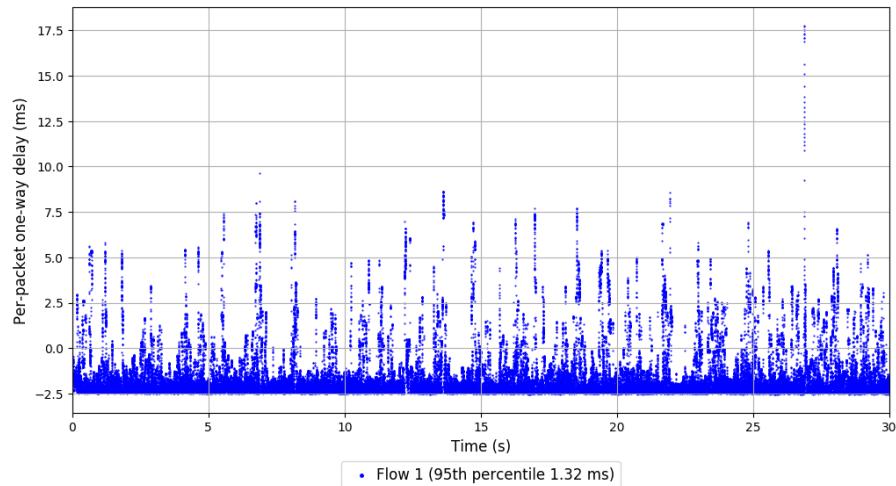
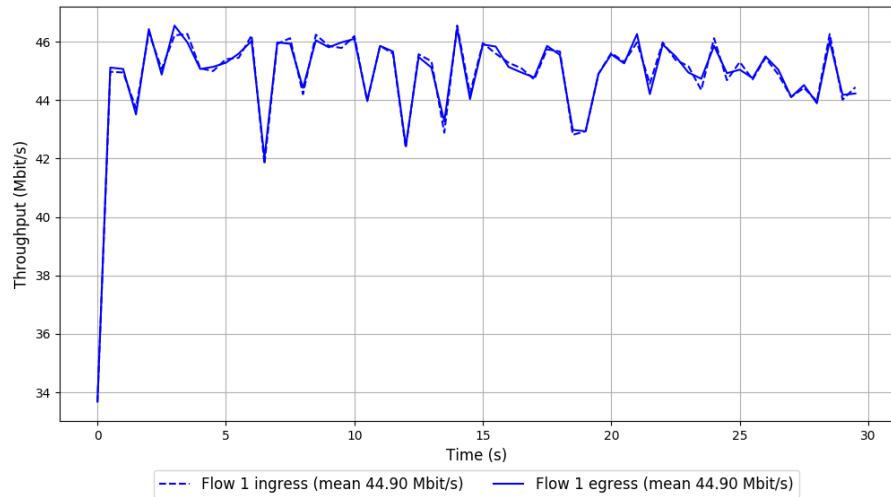


Run 2: Statistics of KohoCC

```
Start at: 2017-08-16 22:45:38
End at: 2017-08-16 22:46:08
Local clock offset: -0.87 ms
Remote clock offset: -20.12 ms

# Below is generated by plot.py at 2017-08-17 03:58:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.90 Mbit/s
95th percentile per-packet one-way delay: 1.319 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.90 Mbit/s
95th percentile per-packet one-way delay: 1.319 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

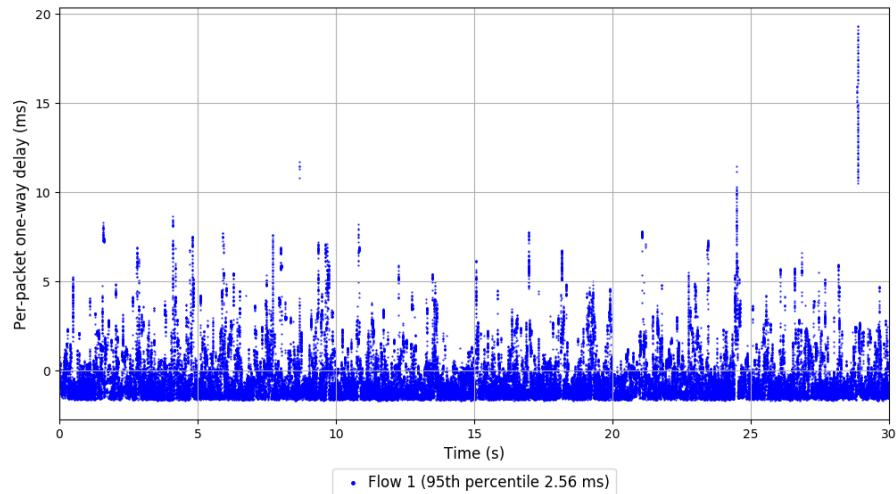
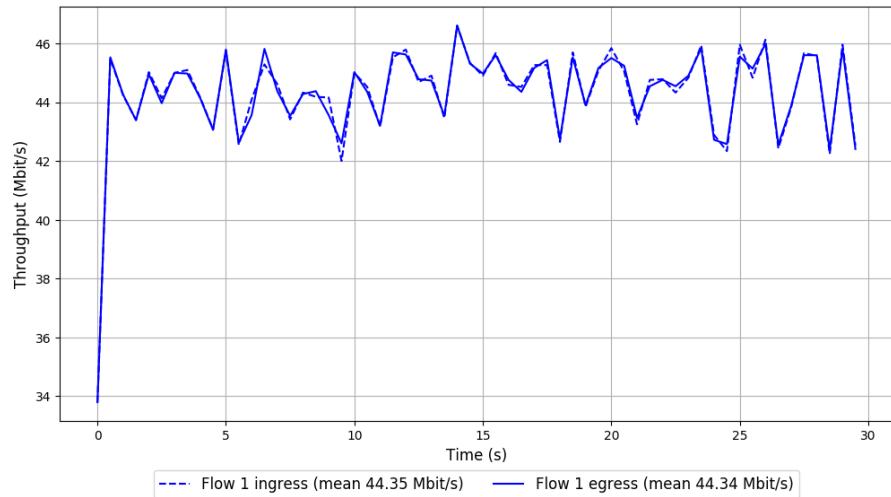


Run 3: Statistics of KohoCC

```
Start at: 2017-08-16 23:04:02
End at: 2017-08-16 23:04:32
Local clock offset: -2.236 ms
Remote clock offset: -19.844 ms

# Below is generated by plot.py at 2017-08-17 03:58:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.34 Mbit/s
95th percentile per-packet one-way delay: 2.559 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 44.34 Mbit/s
95th percentile per-packet one-way delay: 2.559 ms
Loss rate: 0.01%
```

Run 3: Report of KohoCC — Data Link

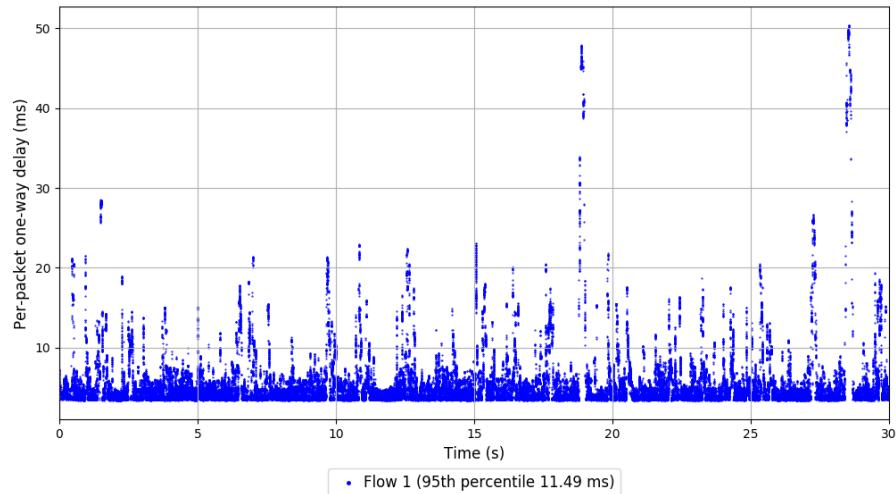
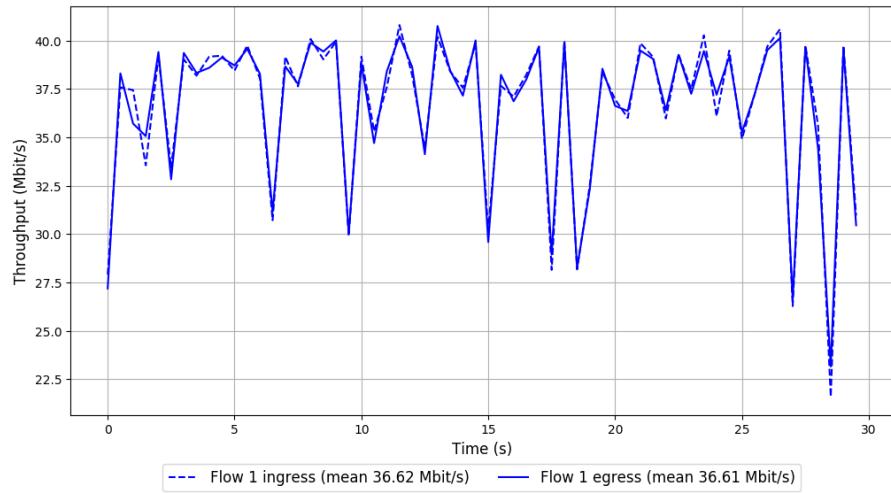


Run 4: Statistics of KohoCC

```
Start at: 2017-08-16 23:22:56
End at: 2017-08-16 23:23:26
Local clock offset: -3.541 ms
Remote clock offset: -20.907 ms

# Below is generated by plot.py at 2017-08-17 03:58:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.61 Mbit/s
95th percentile per-packet one-way delay: 11.494 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 36.61 Mbit/s
95th percentile per-packet one-way delay: 11.494 ms
Loss rate: 0.03%
```

Run 4: Report of KohoCC — Data Link

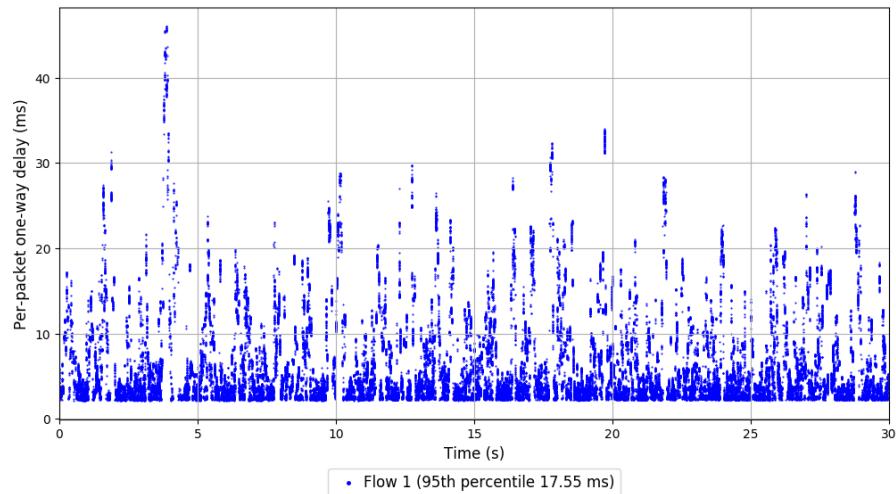
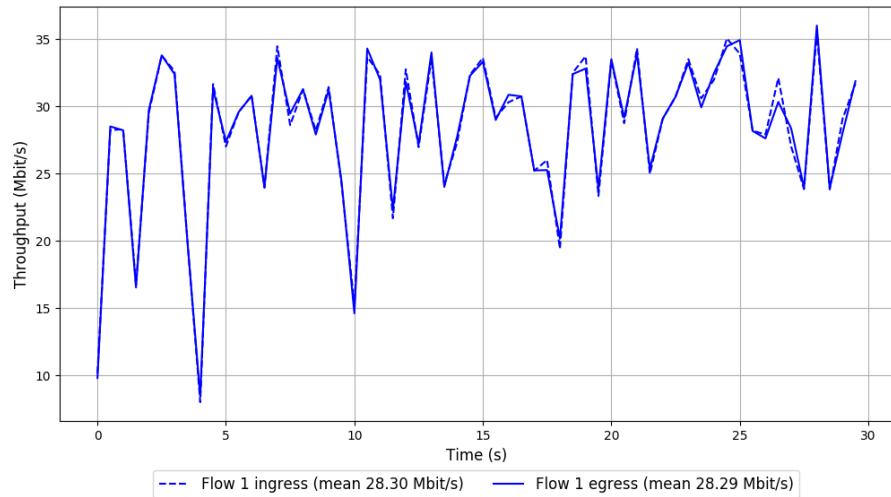


Run 5: Statistics of KohoCC

```
Start at: 2017-08-16 23:41:28
End at: 2017-08-16 23:41:58
Local clock offset: -0.018 ms
Remote clock offset: -22.506 ms

# Below is generated by plot.py at 2017-08-17 03:58:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.29 Mbit/s
95th percentile per-packet one-way delay: 17.551 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 28.29 Mbit/s
95th percentile per-packet one-way delay: 17.551 ms
Loss rate: 0.05%
```

Run 5: Report of KohoCC — Data Link

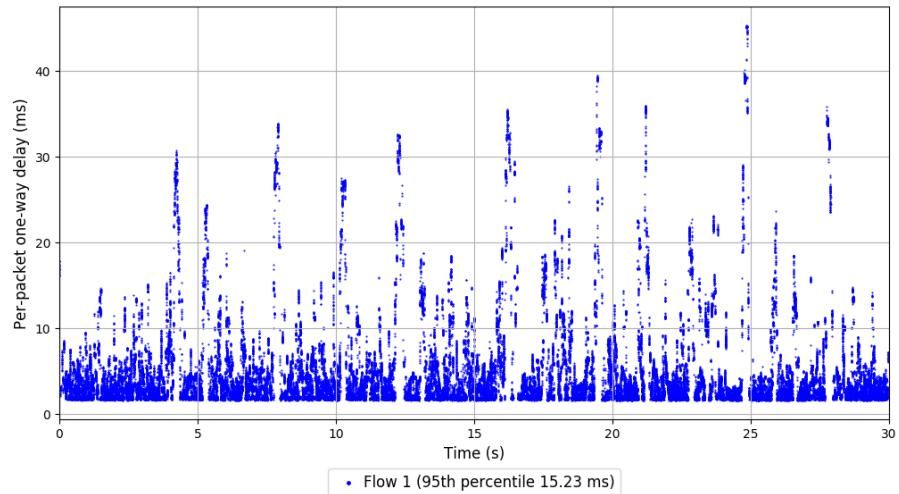
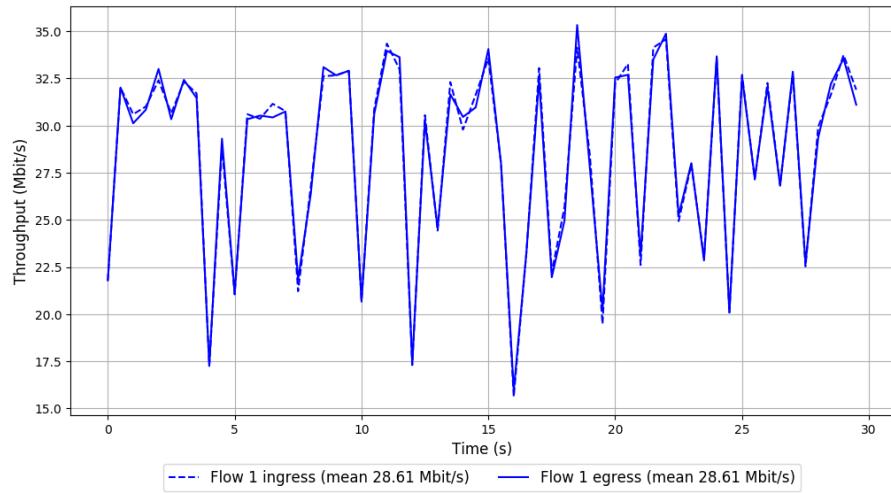


Run 6: Statistics of KohoCC

```
Start at: 2017-08-17 00:14:00
End at: 2017-08-17 00:14:30
Local clock offset: 1.82 ms
Remote clock offset: -21.901 ms

# Below is generated by plot.py at 2017-08-17 03:58:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.61 Mbit/s
95th percentile per-packet one-way delay: 15.232 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 28.61 Mbit/s
95th percentile per-packet one-way delay: 15.232 ms
Loss rate: 0.06%
```

Run 6: Report of KohoCC — Data Link

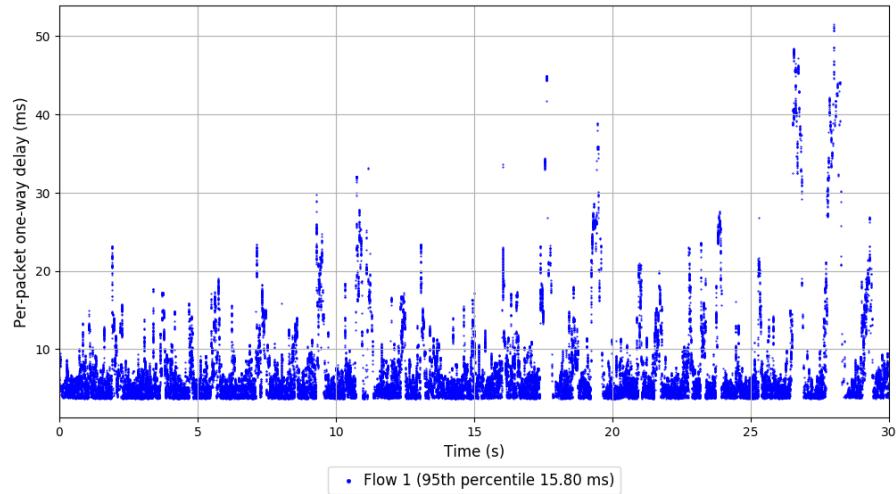
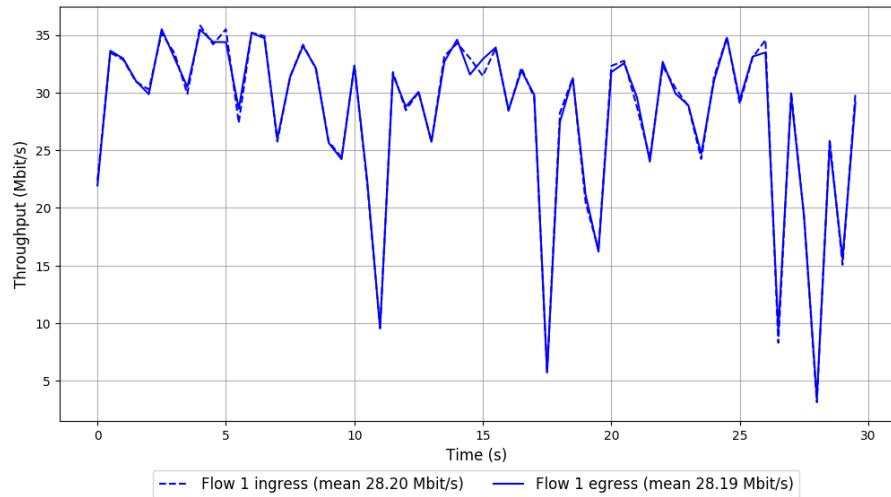


Run 7: Statistics of KohoCC

```
Start at: 2017-08-17 00:42:28
End at: 2017-08-17 00:42:58
Local clock offset: -0.326 ms
Remote clock offset: -22.11 ms

# Below is generated by plot.py at 2017-08-17 03:58:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.19 Mbit/s
95th percentile per-packet one-way delay: 15.796 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 28.19 Mbit/s
95th percentile per-packet one-way delay: 15.796 ms
Loss rate: 0.04%
```

Run 7: Report of KohoCC — Data Link

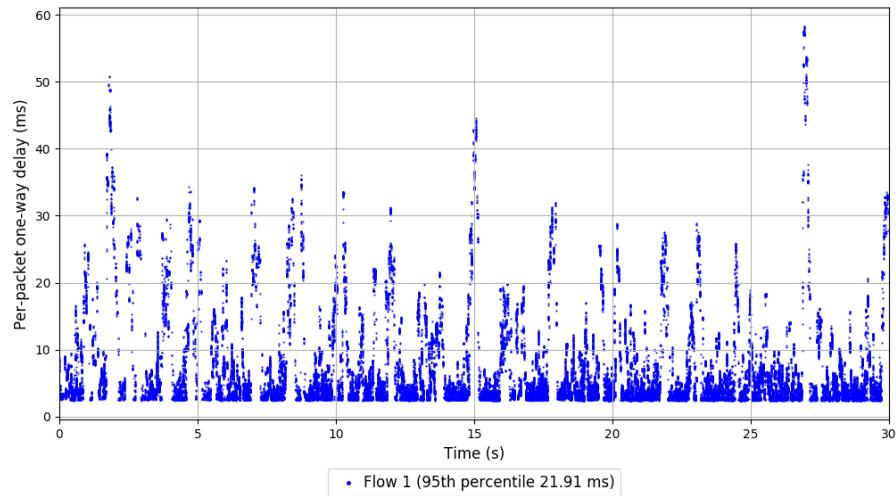
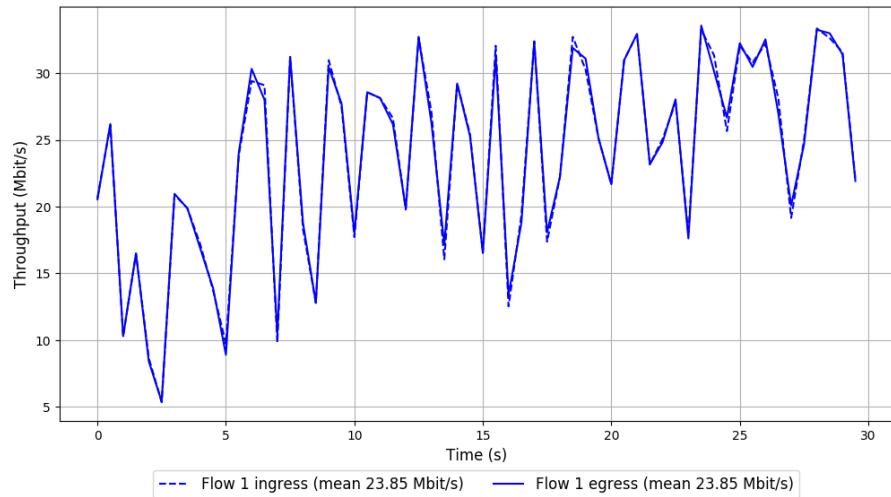


Run 8: Statistics of KohoCC

```
Start at: 2017-08-17 01:17:22
End at: 2017-08-17 01:17:52
Local clock offset: 2.835 ms
Remote clock offset: -18.726 ms

# Below is generated by plot.py at 2017-08-17 03:58:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 21.906 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 21.906 ms
Loss rate: 0.04%
```

Run 8: Report of KohoCC — Data Link

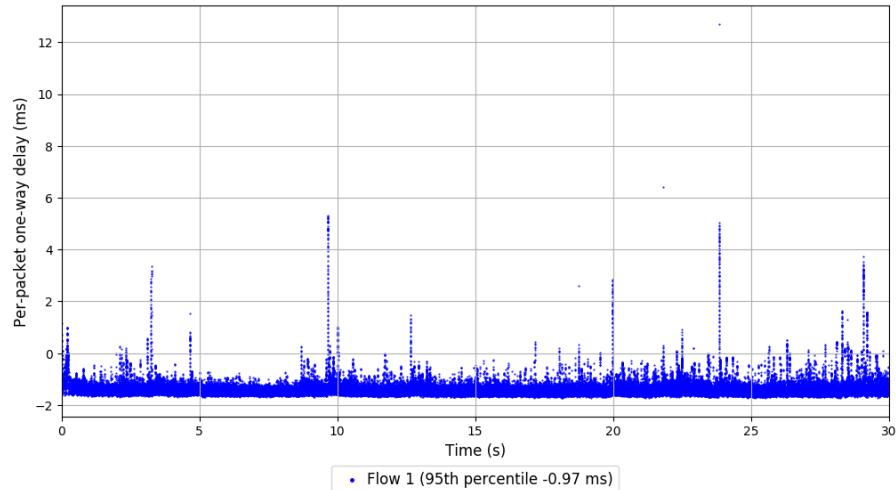
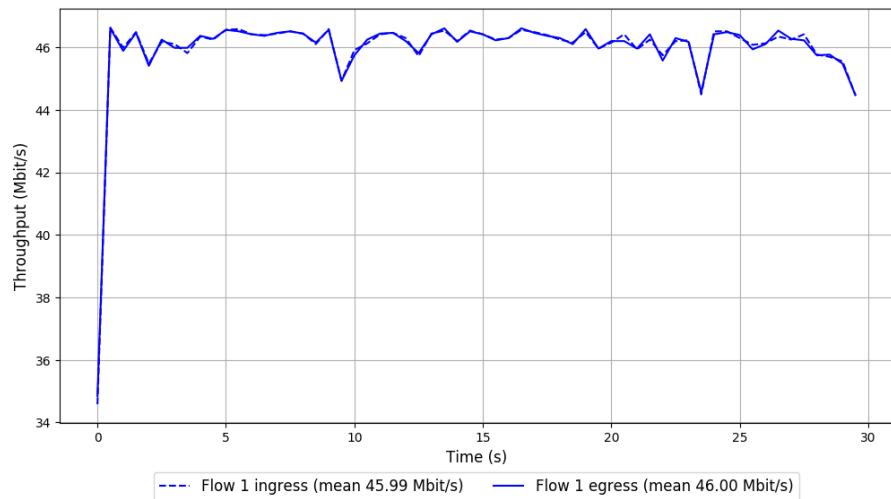


Run 9: Statistics of KohoCC

```
Start at: 2017-08-17 02:06:31
End at: 2017-08-17 02:07:01
Local clock offset: 1.056 ms
Remote clock offset: -15.98 ms

# Below is generated by plot.py at 2017-08-17 03:58:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.00 Mbit/s
95th percentile per-packet one-way delay: -0.968 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.00 Mbit/s
95th percentile per-packet one-way delay: -0.968 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

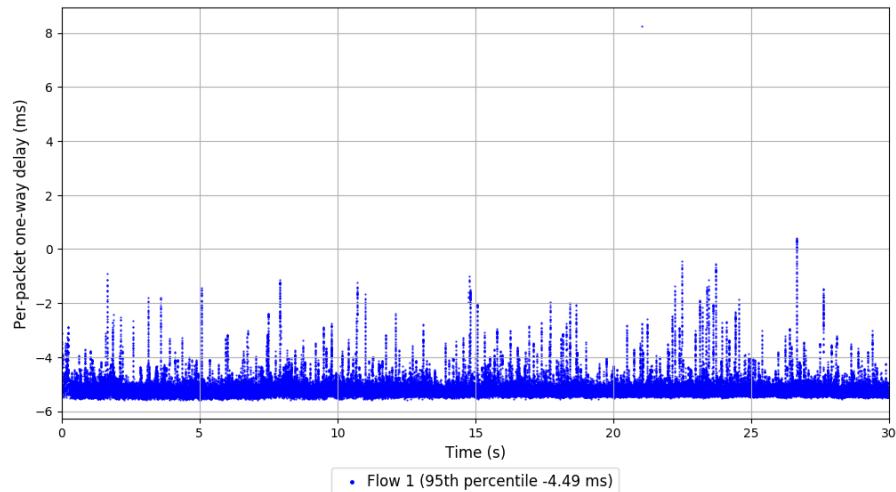
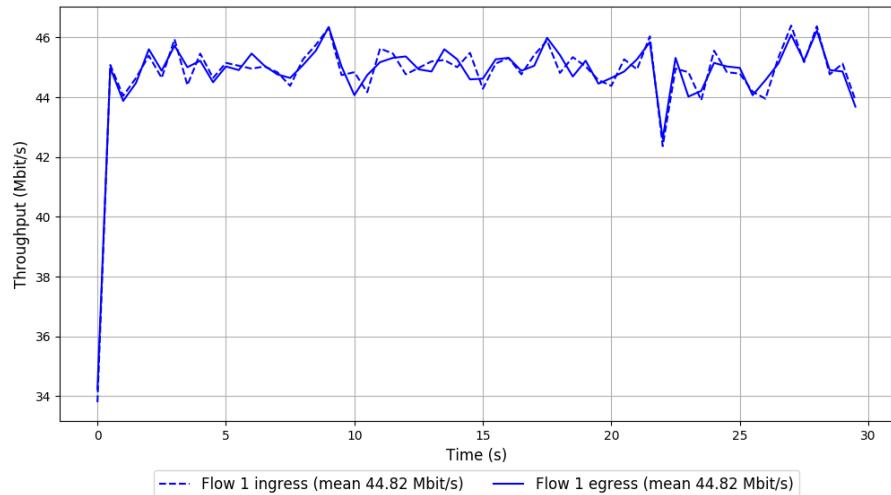


Run 10: Statistics of KohoCC

```
Start at: 2017-08-17 02:46:14
End at: 2017-08-17 02:46:44
Local clock offset: 4.3 ms
Remote clock offset: -18.794 ms

# Below is generated by plot.py at 2017-08-17 03:58:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.82 Mbit/s
95th percentile per-packet one-way delay: -4.490 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.82 Mbit/s
95th percentile per-packet one-way delay: -4.490 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link

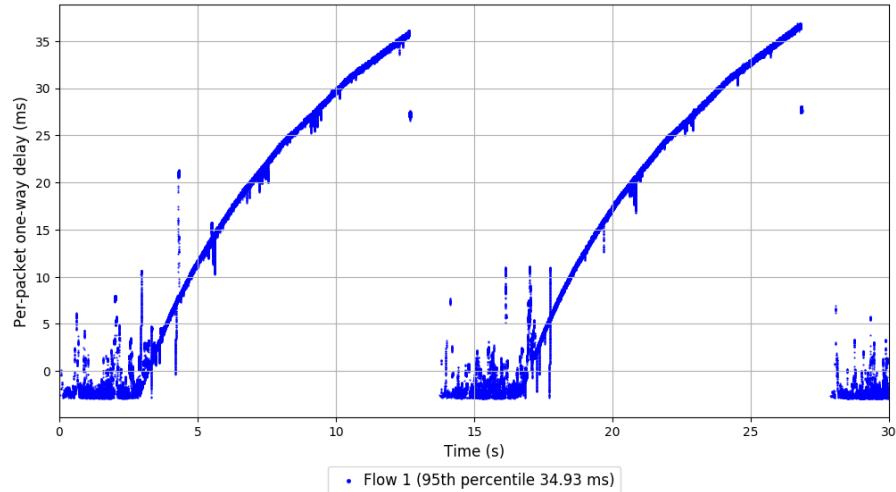
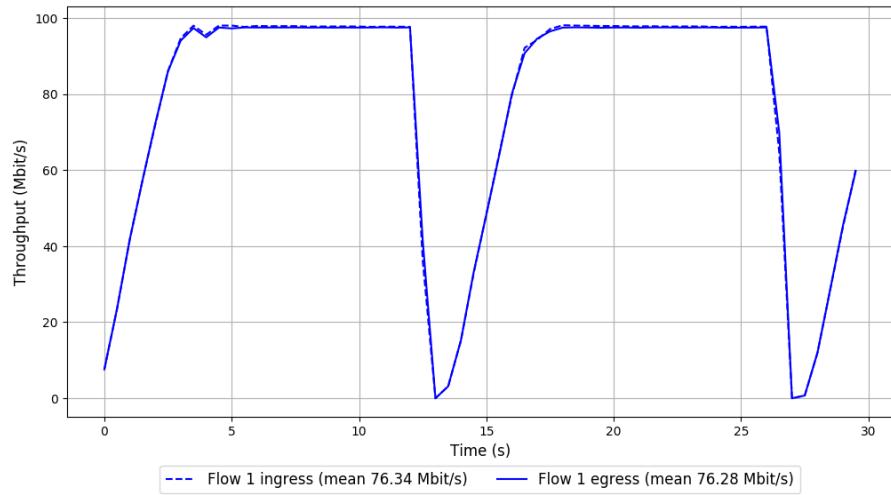


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2017-08-16 22:38:06
End at: 2017-08-16 22:38:36
Local clock offset: -1.091 ms
Remote clock offset: -21.44 ms

# Below is generated by plot.py at 2017-08-17 03:58:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.28 Mbit/s
95th percentile per-packet one-way delay: 34.932 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 76.28 Mbit/s
95th percentile per-packet one-way delay: 34.932 ms
Loss rate: 0.07%
```

Run 1: Report of LEDBAT — Data Link

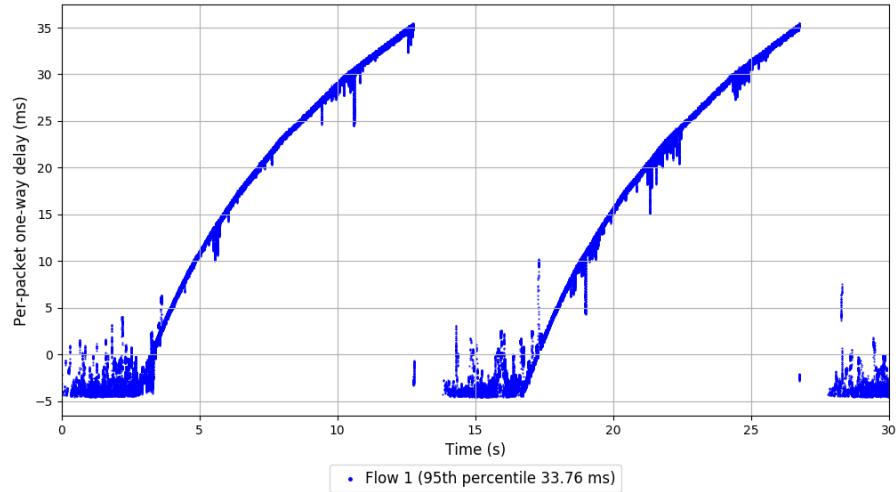
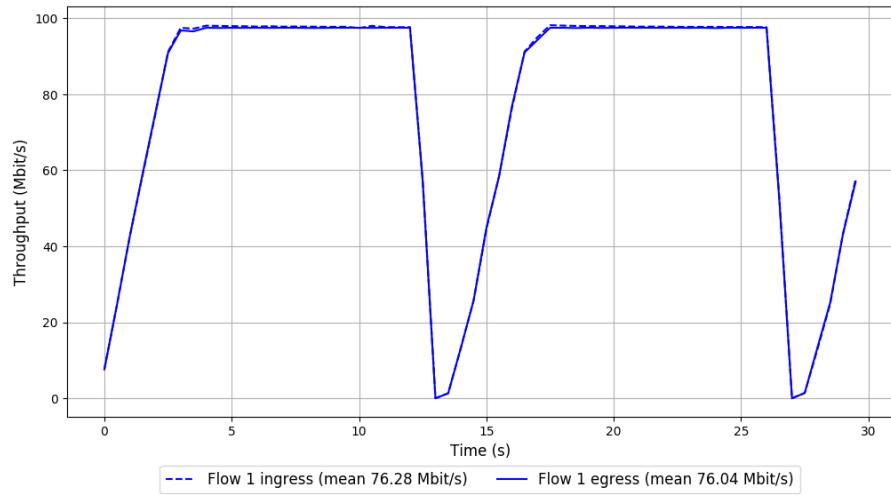


Run 2: Statistics of LEDBAT

```
Start at: 2017-08-16 22:56:30
End at: 2017-08-16 22:57:00
Local clock offset: -4.991 ms
Remote clock offset: -25.341 ms

# Below is generated by plot.py at 2017-08-17 03:58:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.04 Mbit/s
95th percentile per-packet one-way delay: 33.755 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 76.04 Mbit/s
95th percentile per-packet one-way delay: 33.755 ms
Loss rate: 0.32%
```

Run 2: Report of LEDBAT — Data Link

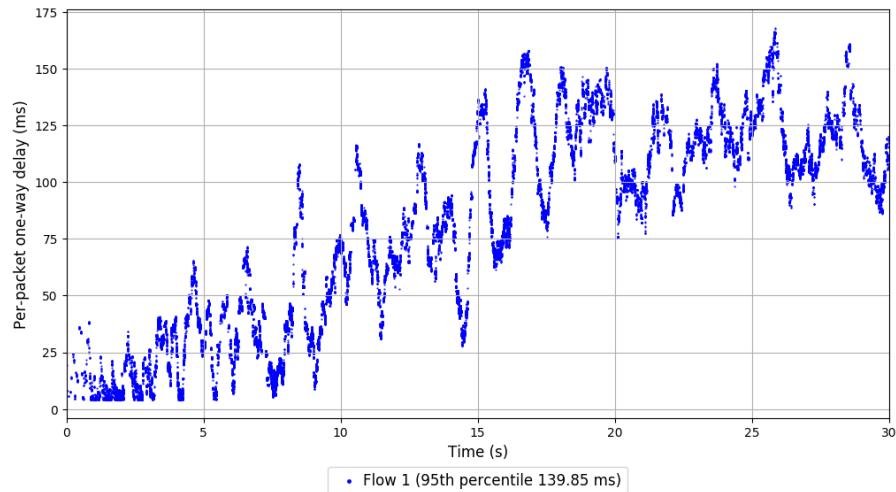
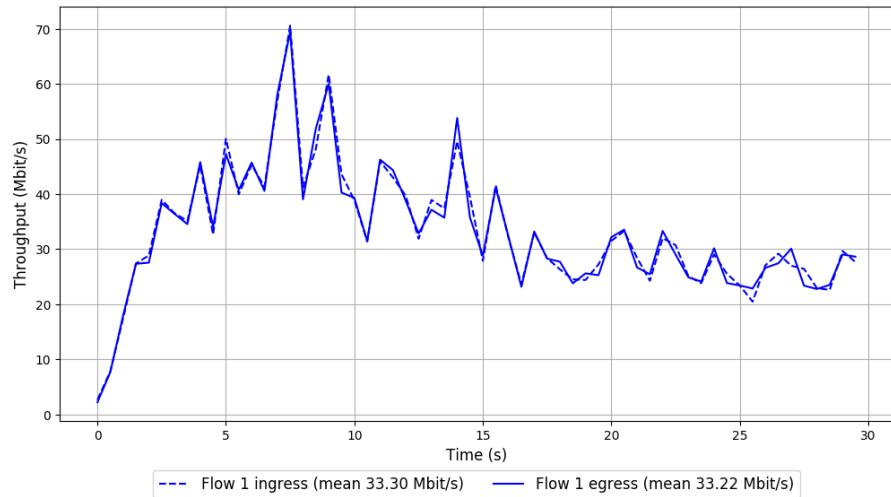


Run 3: Statistics of LEDBAT

```
Start at: 2017-08-16 23:15:34
End at: 2017-08-16 23:16:04
Local clock offset: 0.174 ms
Remote clock offset: -19.434 ms

# Below is generated by plot.py at 2017-08-17 03:58:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 139.850 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 139.850 ms
Loss rate: 0.31%
```

Run 3: Report of LEDBAT — Data Link

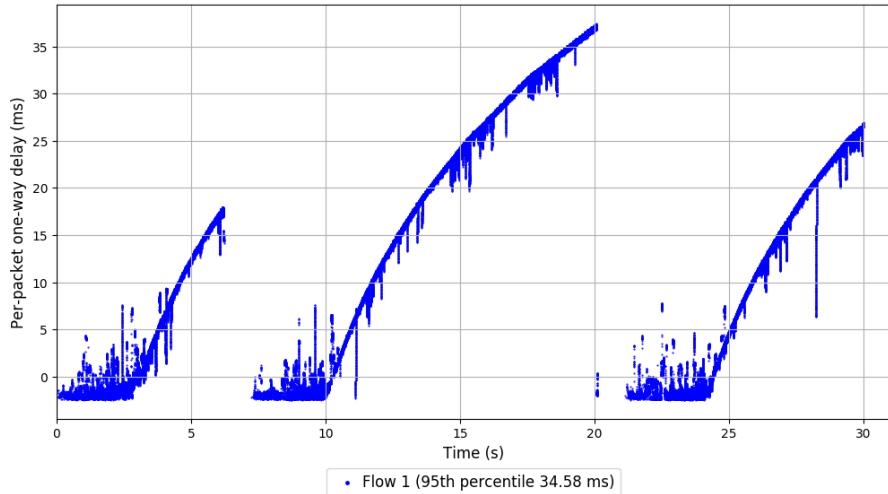
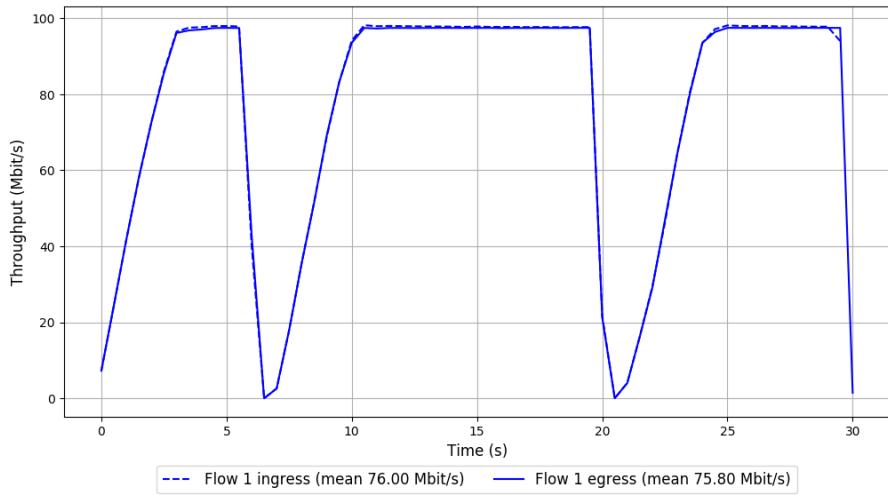


Run 4: Statistics of LEDBAT

```
Start at: 2017-08-16 23:33:58
End at: 2017-08-16 23:34:28
Local clock offset: 0.076 ms
Remote clock offset: -19.817 ms

# Below is generated by plot.py at 2017-08-17 03:58:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.80 Mbit/s
95th percentile per-packet one-way delay: 34.584 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 75.80 Mbit/s
95th percentile per-packet one-way delay: 34.584 ms
Loss rate: 0.18%
```

Run 4: Report of LEDBAT — Data Link

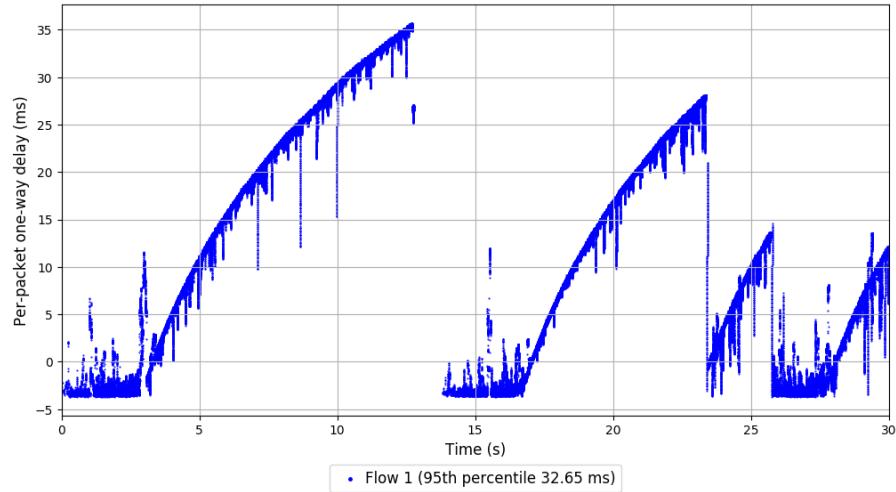
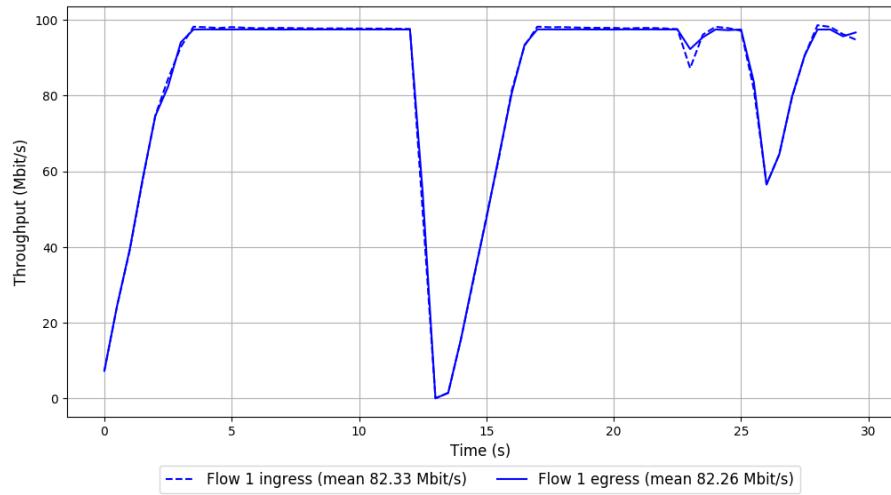


Run 5: Statistics of LEDBAT

```
Start at: 2017-08-17 00:01:05
End at: 2017-08-17 00:01:35
Local clock offset: -0.451 ms
Remote clock offset: -22.524 ms

# Below is generated by plot.py at 2017-08-17 03:58:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.26 Mbit/s
95th percentile per-packet one-way delay: 32.651 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 82.26 Mbit/s
95th percentile per-packet one-way delay: 32.651 ms
Loss rate: 0.04%
```

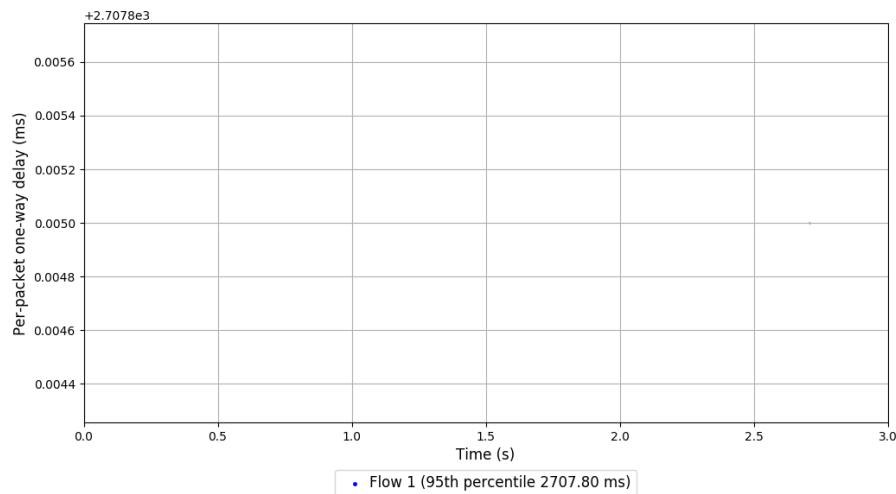
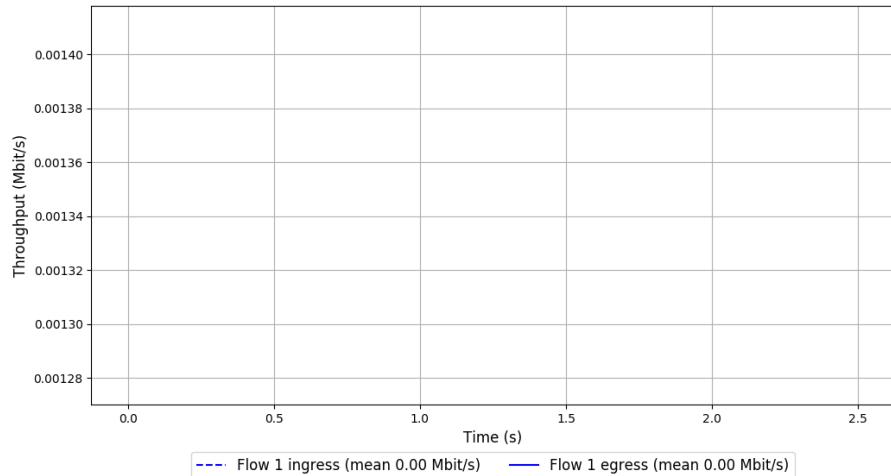
Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2017-08-17 00:32:18
End at: 2017-08-17 00:32:48
Local clock offset: -2.008 ms
Remote clock offset: -20.767 ms

Run 6: Report of LEDBAT — Data Link

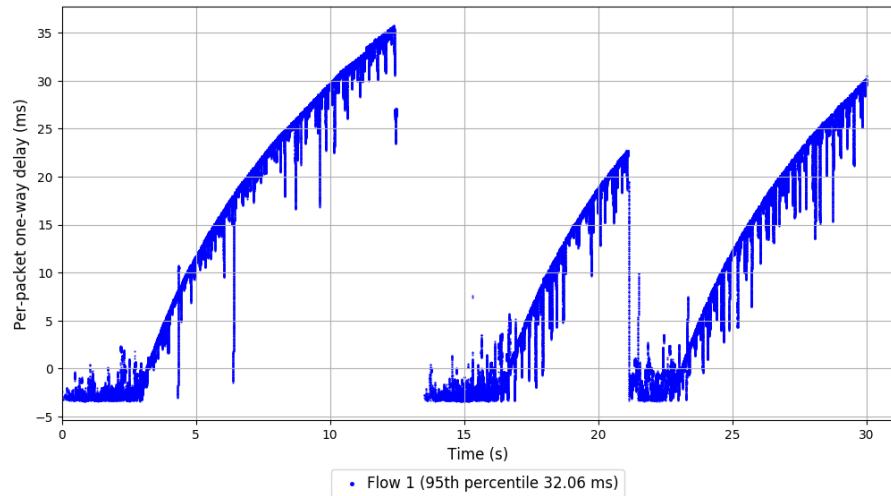
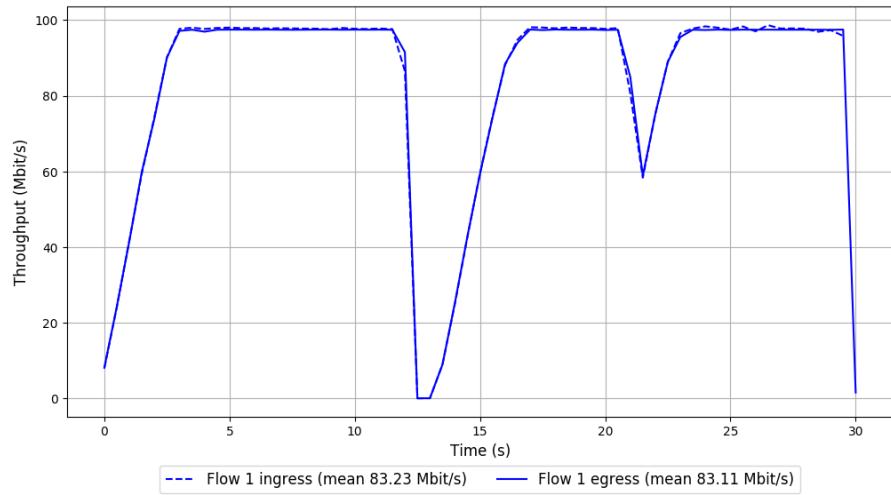


Run 7: Statistics of LEDBAT

```
Start at: 2017-08-17 01:02:11
End at: 2017-08-17 01:02:41
Local clock offset: -0.648 ms
Remote clock offset: -21.392 ms

# Below is generated by plot.py at 2017-08-17 03:59:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.11 Mbit/s
95th percentile per-packet one-way delay: 32.065 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 83.11 Mbit/s
95th percentile per-packet one-way delay: 32.065 ms
Loss rate: 0.06%
```

Run 7: Report of LEDBAT — Data Link

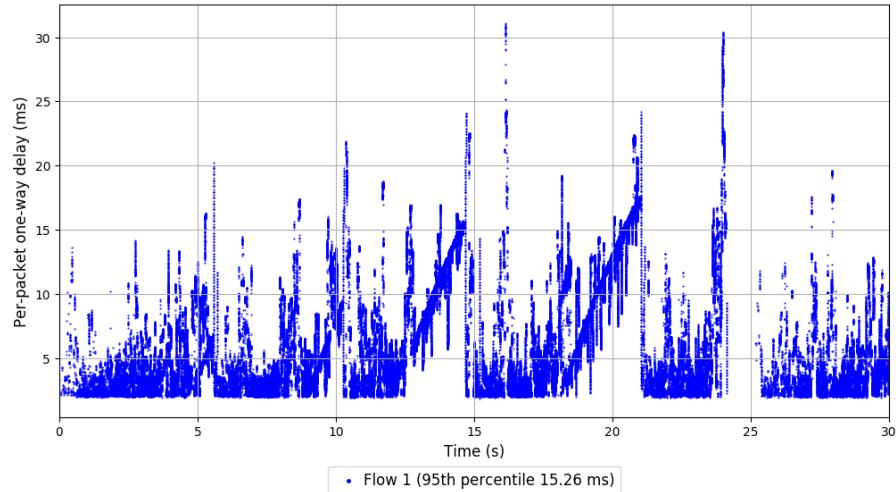
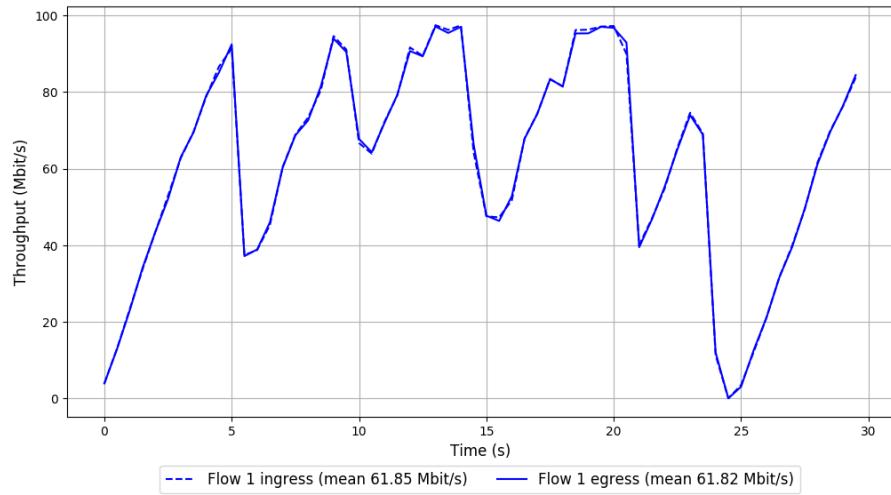


Run 8: Statistics of LEDBAT

```
Start at: 2017-08-17 01:49:44
End at: 2017-08-17 01:50:14
Local clock offset: 2.277 ms
Remote clock offset: -18.791 ms

# Below is generated by plot.py at 2017-08-17 03:59:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.82 Mbit/s
95th percentile per-packet one-way delay: 15.256 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 61.82 Mbit/s
95th percentile per-packet one-way delay: 15.256 ms
Loss rate: 0.03%
```

Run 8: Report of LEDBAT — Data Link

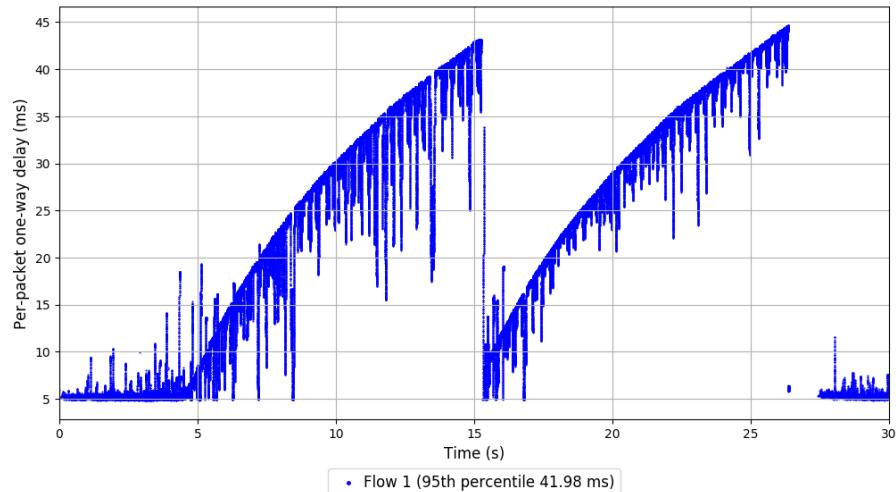
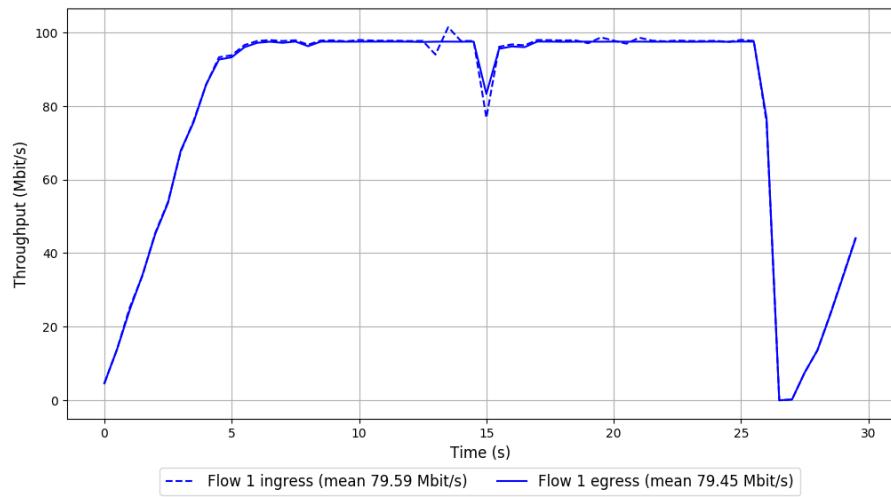


Run 9: Statistics of LEDBAT

```
Start at: 2017-08-17 02:19:33
End at: 2017-08-17 02:20:03
Local clock offset: 0.915 ms
Remote clock offset: -16.843 ms

# Below is generated by plot.py at 2017-08-17 03:59:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.45 Mbit/s
95th percentile per-packet one-way delay: 41.981 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 79.45 Mbit/s
95th percentile per-packet one-way delay: 41.981 ms
Loss rate: 0.17%
```

Run 9: Report of LEDBAT — Data Link

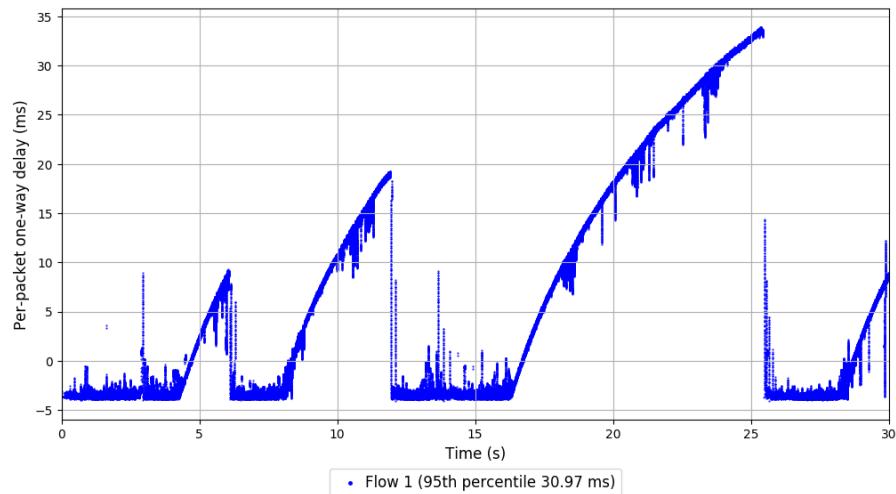
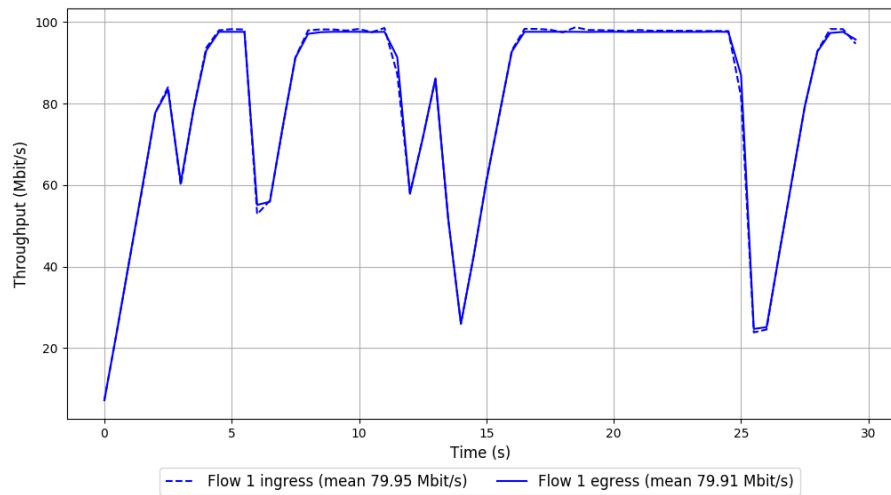


Run 10: Statistics of LEDBAT

```
Start at: 2017-08-17 03:16:18
End at: 2017-08-17 03:16:48
Local clock offset: 1.048 ms
Remote clock offset: -22.375 ms

# Below is generated by plot.py at 2017-08-17 03:59:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.91 Mbit/s
95th percentile per-packet one-way delay: 30.969 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 79.91 Mbit/s
95th percentile per-packet one-way delay: 30.969 ms
Loss rate: 0.01%
```

Run 10: Report of LEDBAT — Data Link

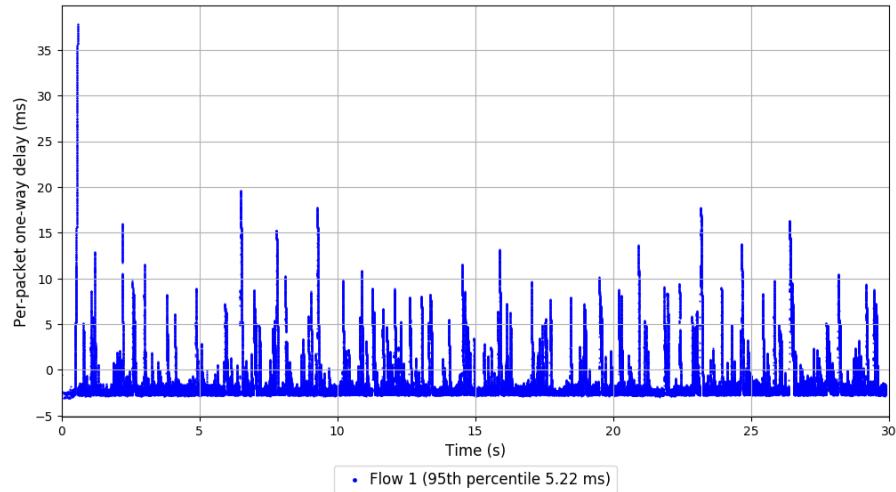
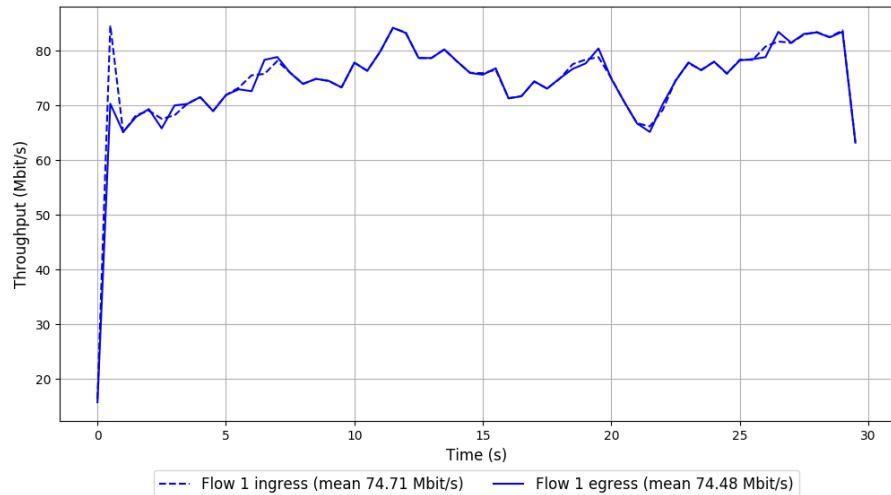


Run 1: Statistics of PCC

```
Start at: 2017-08-16 22:28:38
End at: 2017-08-16 22:29:08
Local clock offset: -0.981 ms
Remote clock offset: -20.848 ms

# Below is generated by plot.py at 2017-08-17 03:59:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.48 Mbit/s
95th percentile per-packet one-way delay: 5.217 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 74.48 Mbit/s
95th percentile per-packet one-way delay: 5.217 ms
Loss rate: 0.34%
```

Run 1: Report of PCC — Data Link

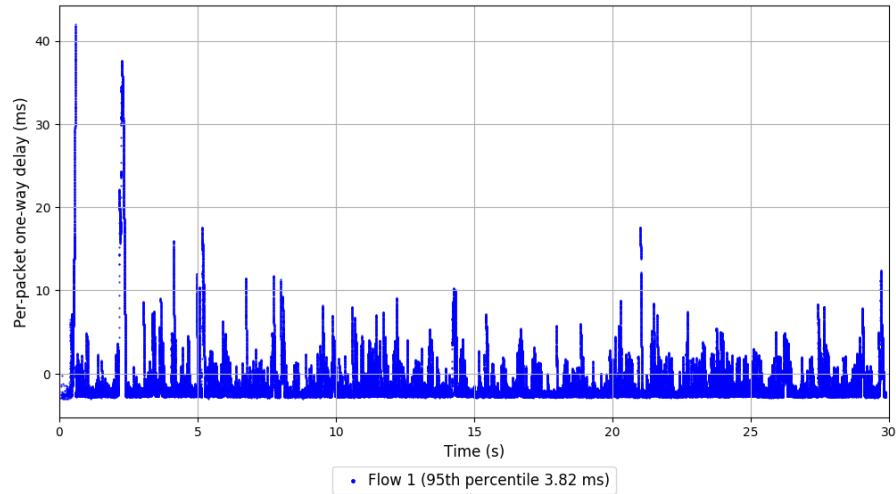
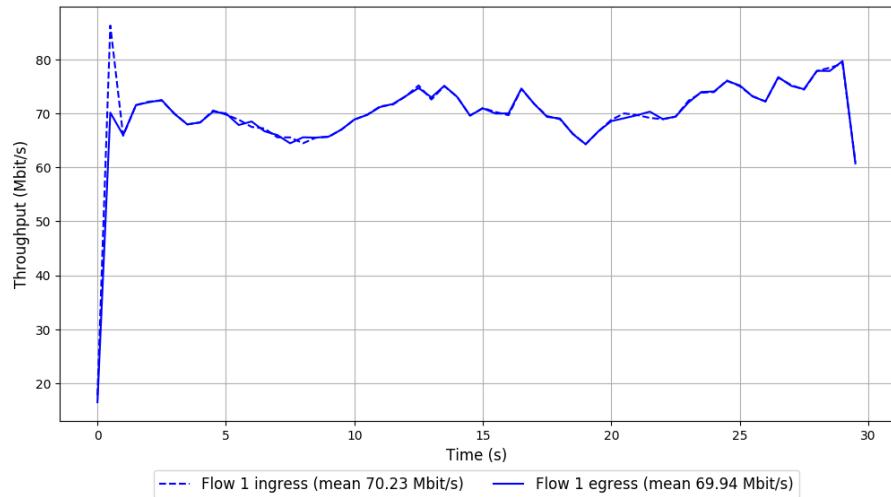


Run 2: Statistics of PCC

```
Start at: 2017-08-16 22:46:49
End at: 2017-08-16 22:47:19
Local clock offset: -0.164 ms
Remote clock offset: -19.815 ms

# Below is generated by plot.py at 2017-08-17 03:59:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.94 Mbit/s
95th percentile per-packet one-way delay: 3.817 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 69.94 Mbit/s
95th percentile per-packet one-way delay: 3.817 ms
Loss rate: 0.42%
```

Run 2: Report of PCC — Data Link

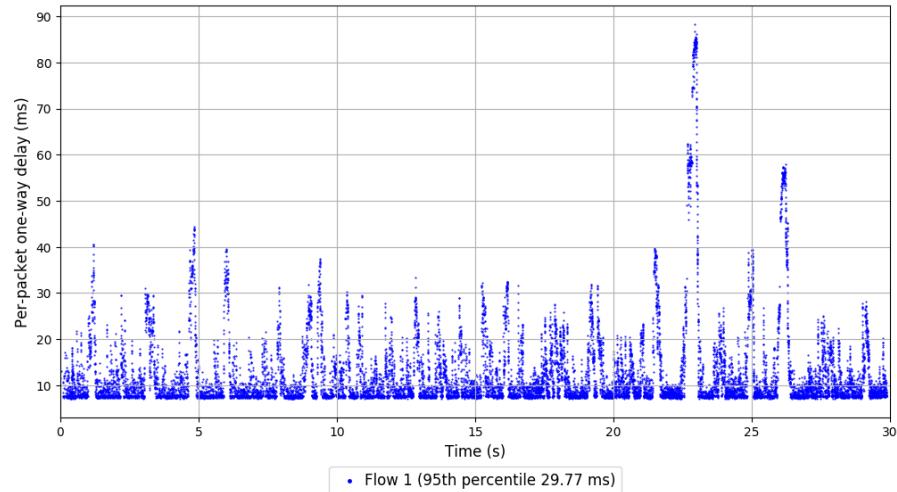
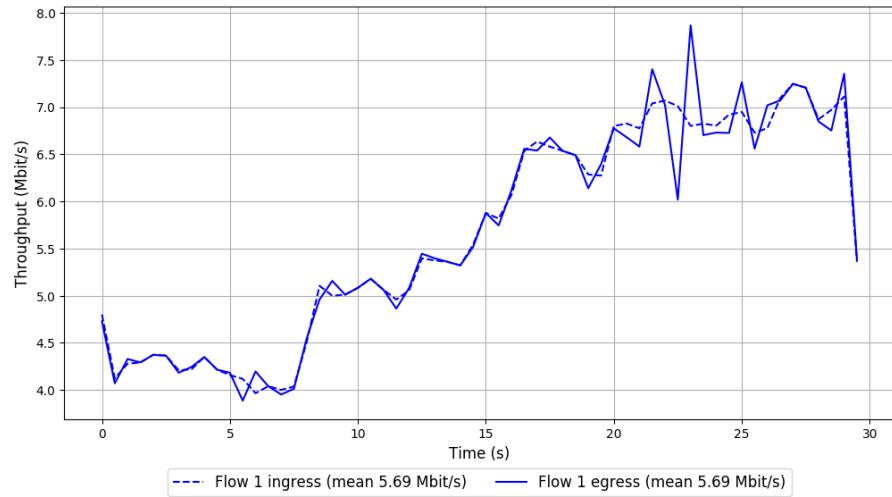


Run 3: Statistics of PCC

```
Start at: 2017-08-16 23:05:18
End at: 2017-08-16 23:05:48
Local clock offset: -3.445 ms
Remote clock offset: -19.328 ms

# Below is generated by plot.py at 2017-08-17 03:59:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.69 Mbit/s
95th percentile per-packet one-way delay: 29.774 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 5.69 Mbit/s
95th percentile per-packet one-way delay: 29.774 ms
Loss rate: 0.03%
```

Run 3: Report of PCC — Data Link

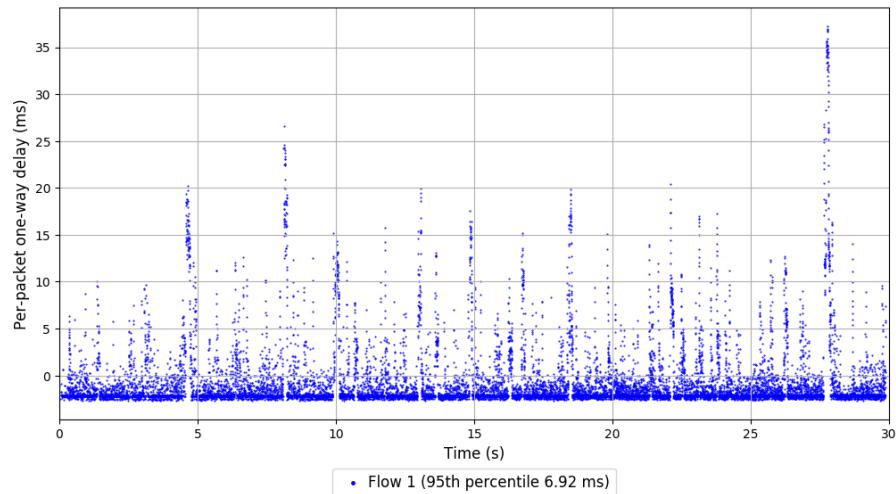


Run 4: Statistics of PCC

```
Start at: 2017-08-16 23:24:09
End at: 2017-08-16 23:24:39
Local clock offset: 0.718 ms
Remote clock offset: -22.305 ms

# Below is generated by plot.py at 2017-08-17 03:59:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: 6.925 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: 6.925 ms
Loss rate: 0.04%
```

Run 4: Report of PCC — Data Link

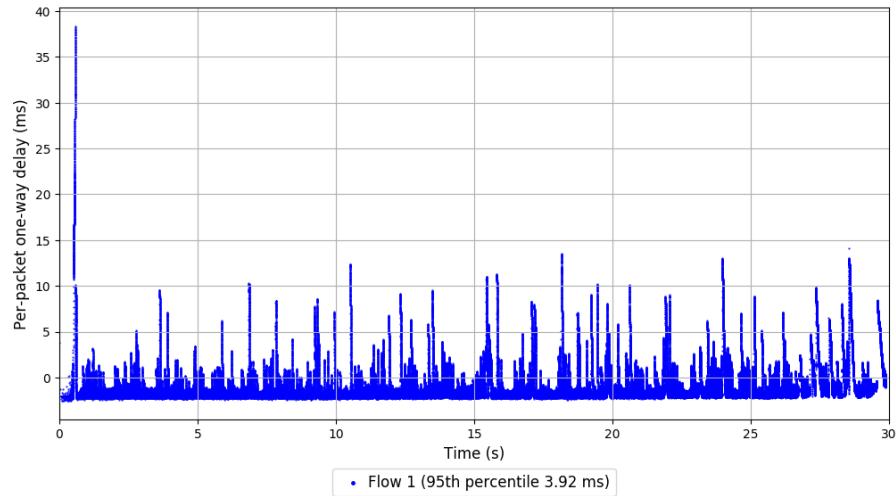
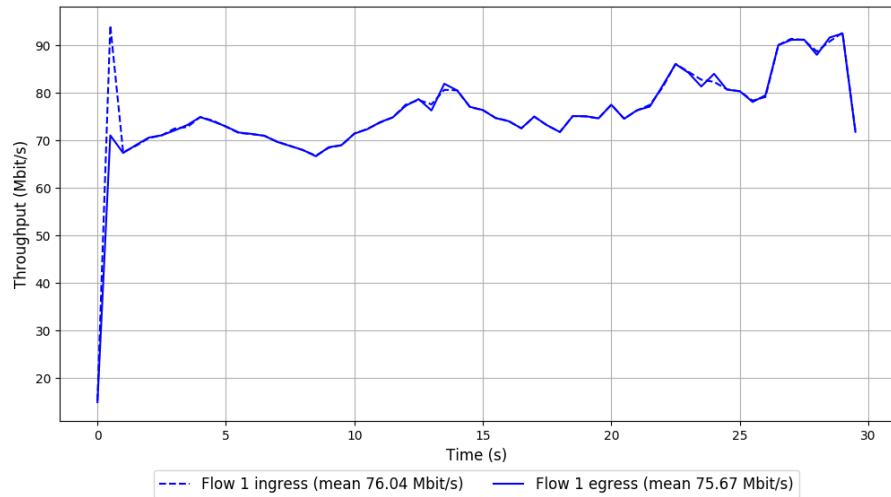


Run 5: Statistics of PCC

```
Start at: 2017-08-16 23:42:40
End at: 2017-08-16 23:43:10
Local clock offset: -1.271 ms
Remote clock offset: -21.433 ms

# Below is generated by plot.py at 2017-08-17 03:59:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.67 Mbit/s
95th percentile per-packet one-way delay: 3.917 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 75.67 Mbit/s
95th percentile per-packet one-way delay: 3.917 ms
Loss rate: 0.52%
```

Run 5: Report of PCC — Data Link

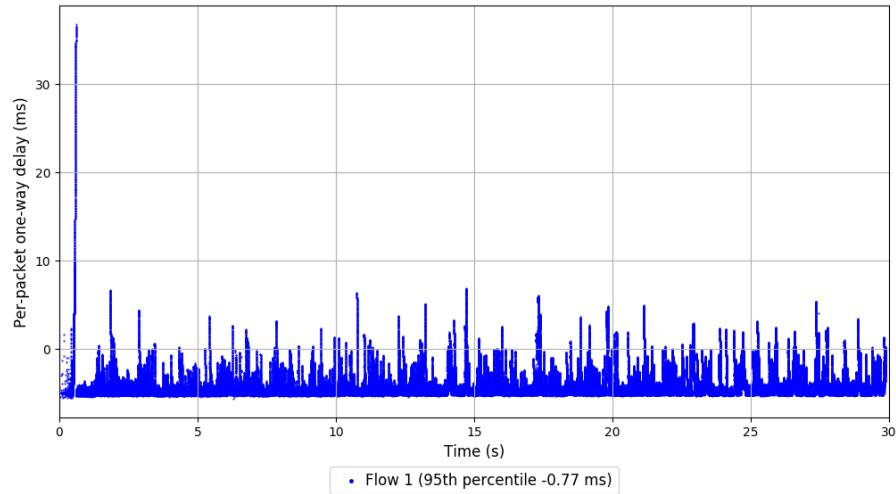
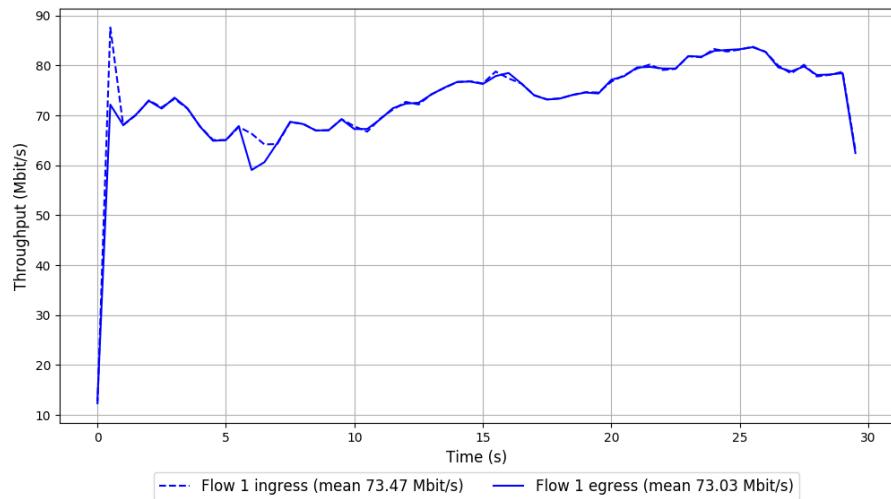


Run 6: Statistics of PCC

```
Start at: 2017-08-17 00:16:01
End at: 2017-08-17 00:16:31
Local clock offset: 1.43 ms
Remote clock offset: -22.412 ms

# Below is generated by plot.py at 2017-08-17 03:59:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.03 Mbit/s
95th percentile per-packet one-way delay: -0.765 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 73.03 Mbit/s
95th percentile per-packet one-way delay: -0.765 ms
Loss rate: 0.59%
```

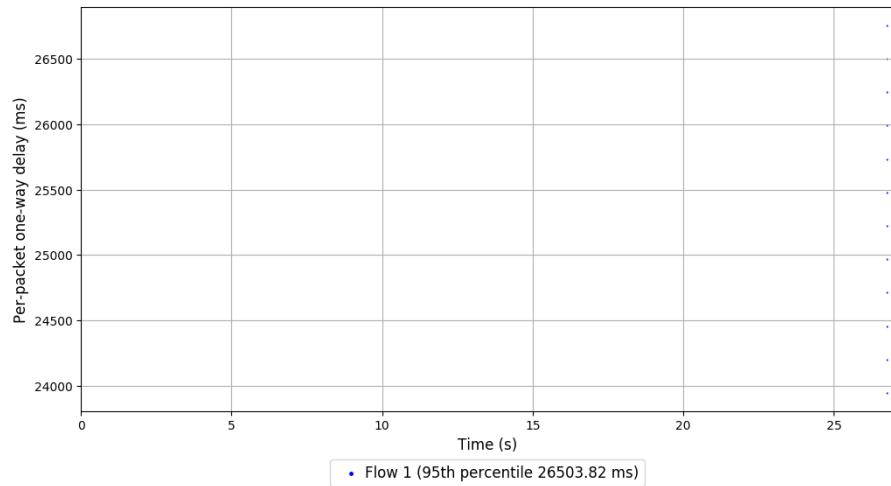
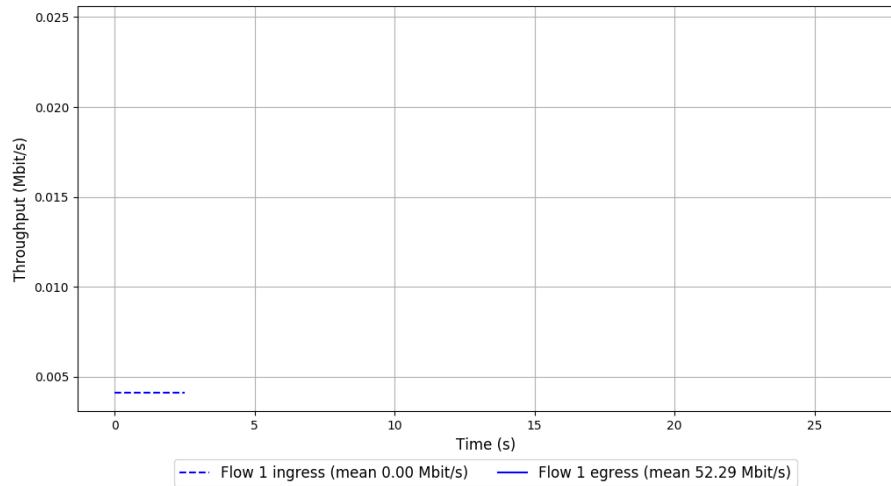
Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-08-17 00:44:18
End at: 2017-08-17 00:44:48
Local clock offset: -2.871 ms
Remote clock offset: -23.487 ms

Run 7: Report of PCC — Data Link

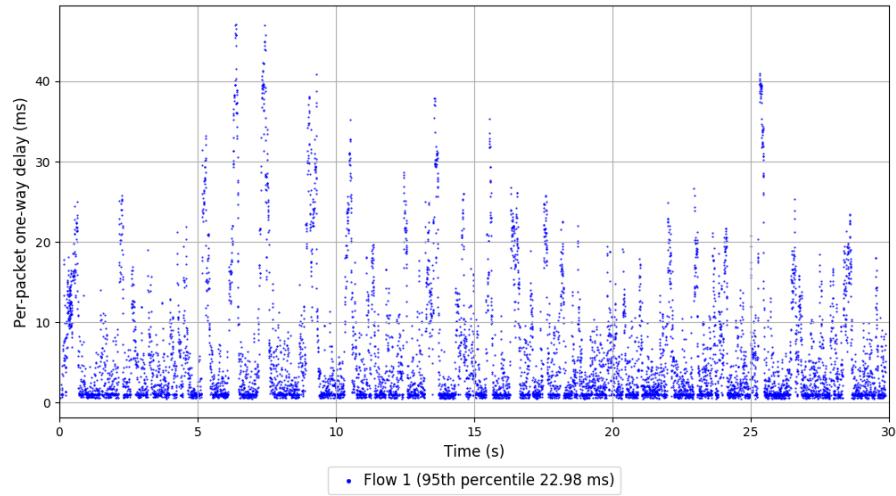
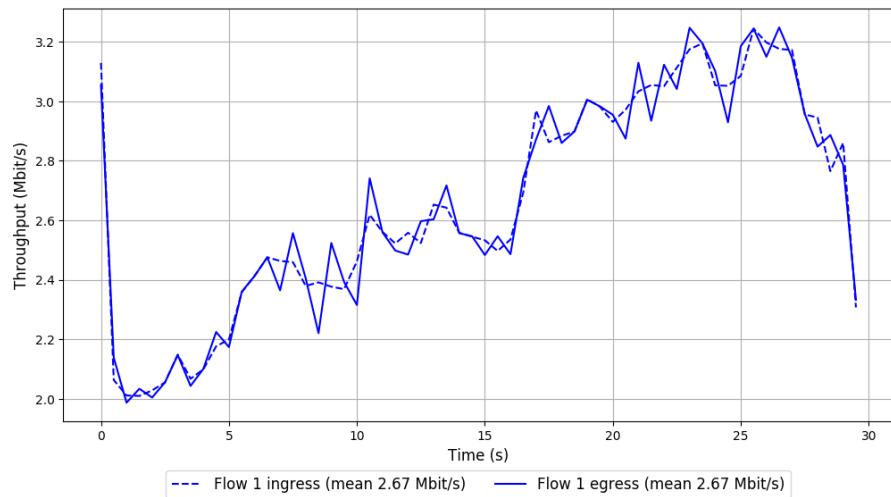


Run 8: Statistics of PCC

```
Start at: 2017-08-17 01:19:15
End at: 2017-08-17 01:19:45
Local clock offset: 2.135 ms
Remote clock offset: -20.741 ms

# Below is generated by plot.py at 2017-08-17 03:59:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.67 Mbit/s
95th percentile per-packet one-way delay: 22.975 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.67 Mbit/s
95th percentile per-packet one-way delay: 22.975 ms
Loss rate: 0.03%
```

Run 8: Report of PCC — Data Link

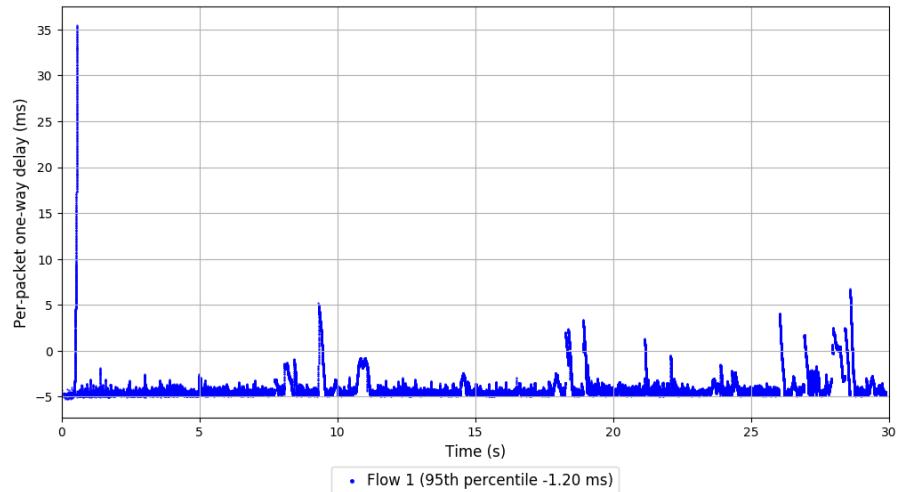
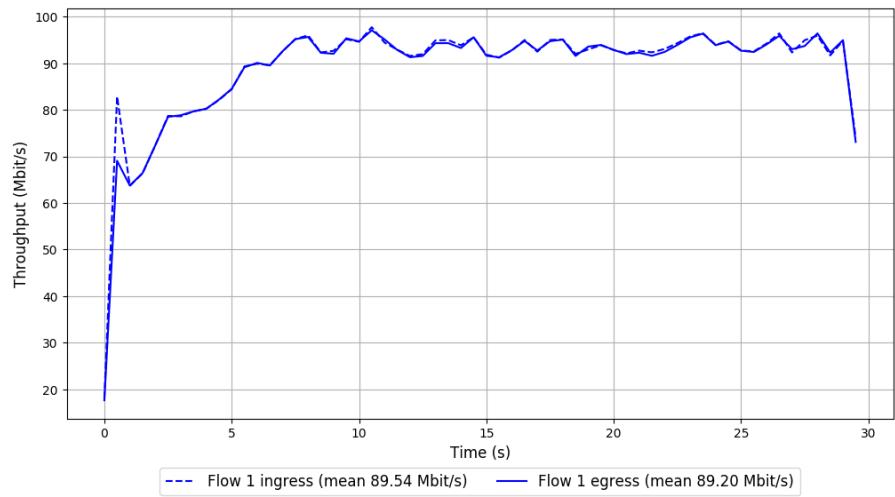


Run 9: Statistics of PCC

```
Start at: 2017-08-17 02:07:42
End at: 2017-08-17 02:08:12
Local clock offset: 1.951 ms
Remote clock offset: -18.345 ms

# Below is generated by plot.py at 2017-08-17 03:59:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.20 Mbit/s
95th percentile per-packet one-way delay: -1.202 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 89.20 Mbit/s
95th percentile per-packet one-way delay: -1.202 ms
Loss rate: 0.40%
```

Run 9: Report of PCC — Data Link

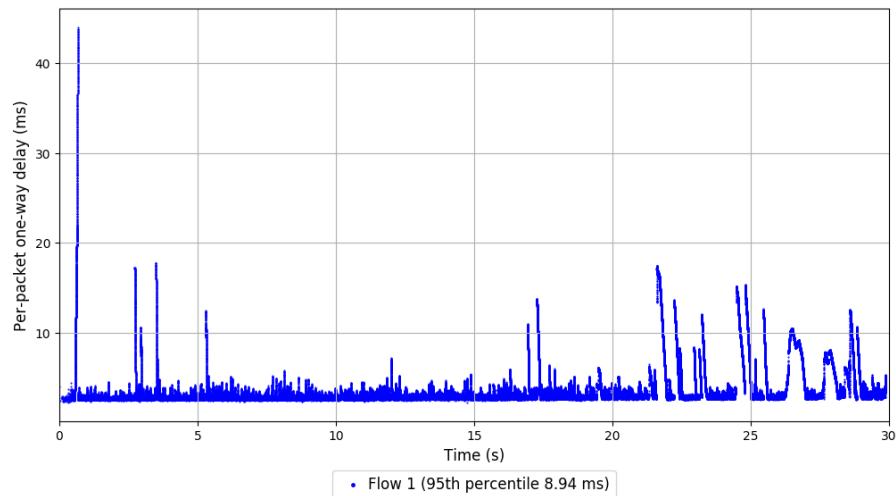
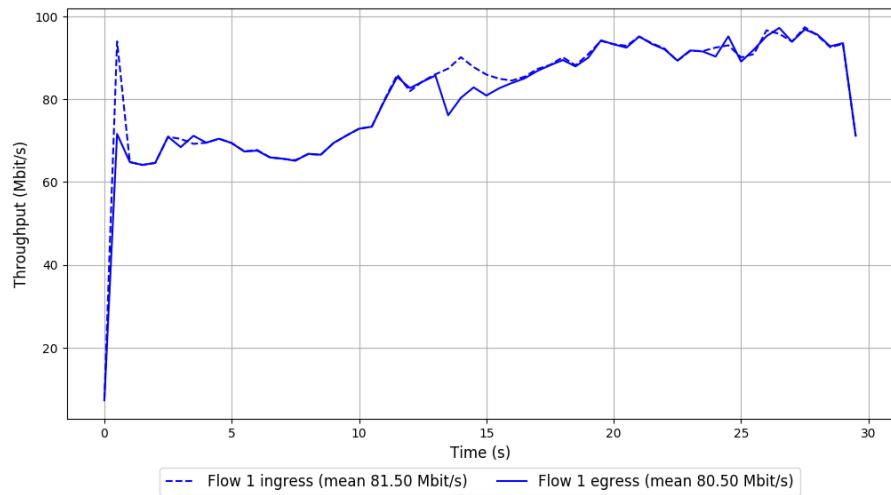


Run 10: Statistics of PCC

```
Start at: 2017-08-17 02:50:17
End at: 2017-08-17 02:50:47
Local clock offset: 3.887 ms
Remote clock offset: -18.527 ms

# Below is generated by plot.py at 2017-08-17 03:59:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.50 Mbit/s
95th percentile per-packet one-way delay: 8.936 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 80.50 Mbit/s
95th percentile per-packet one-way delay: 8.936 ms
Loss rate: 1.24%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

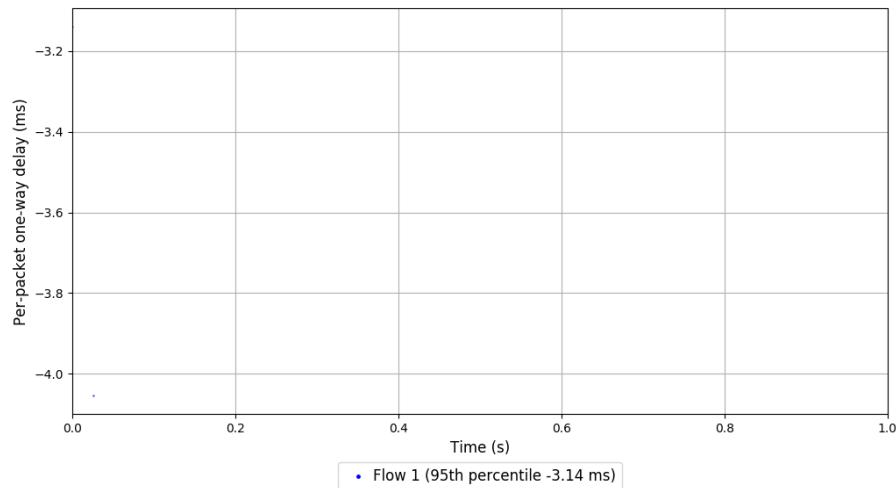
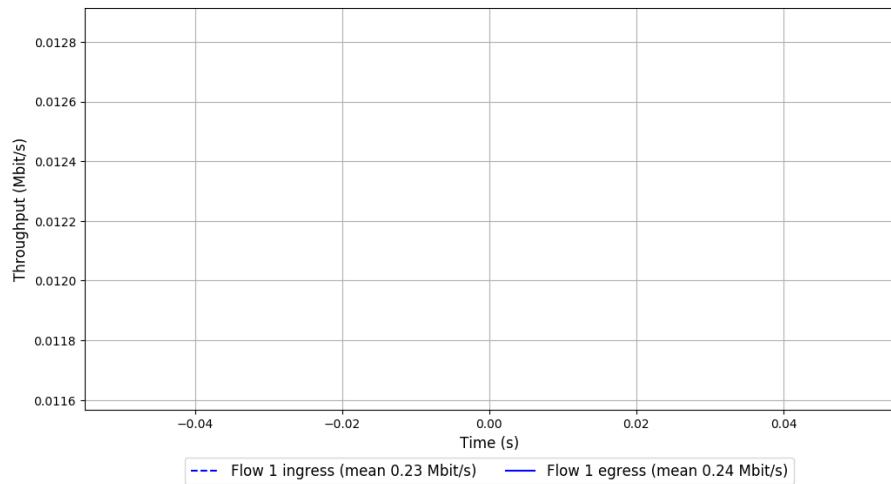
Start at: 2017-08-16 22:24:03

End at: 2017-08-16 22:24:33

Local clock offset: 1.513 ms

Remote clock offset: -19.476 ms

Run 1: Report of QUIC Cubic — Data Link

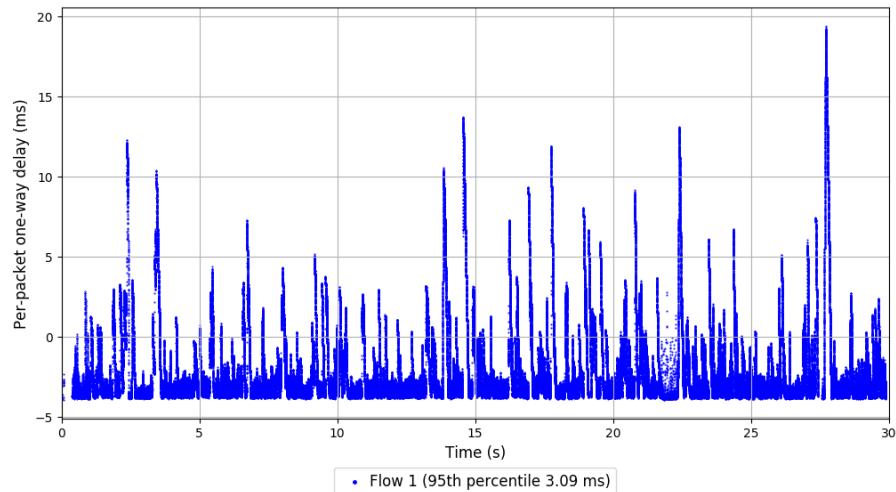
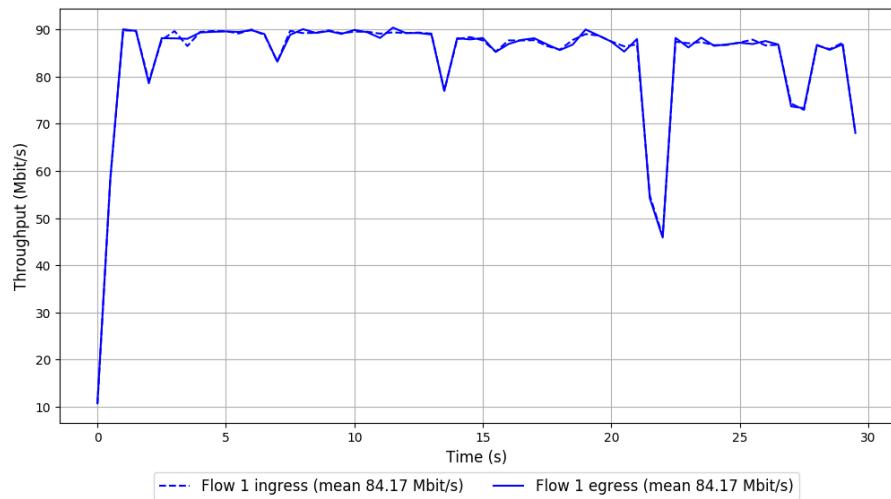


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-08-16 22:41:45
End at: 2017-08-16 22:42:16
Local clock offset: 0.042 ms
Remote clock offset: -20.684 ms

# Below is generated by plot.py at 2017-08-17 04:00:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.17 Mbit/s
95th percentile per-packet one-way delay: 3.087 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.17 Mbit/s
95th percentile per-packet one-way delay: 3.087 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic — Data Link

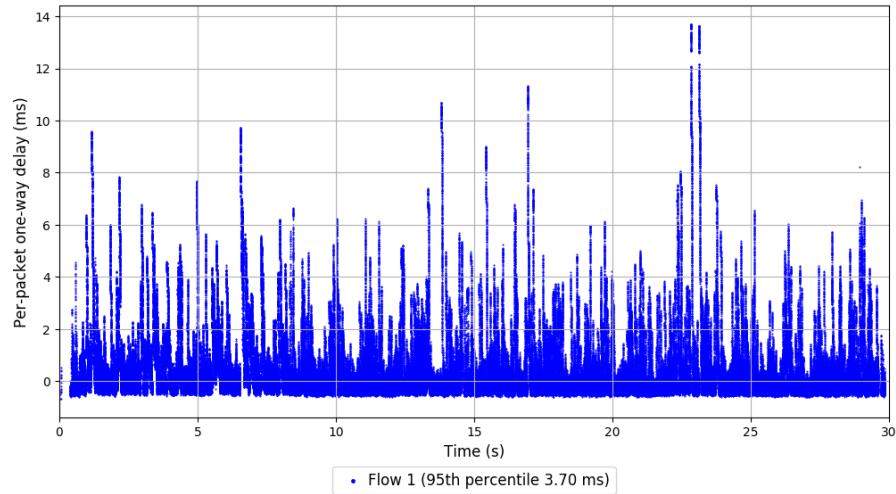
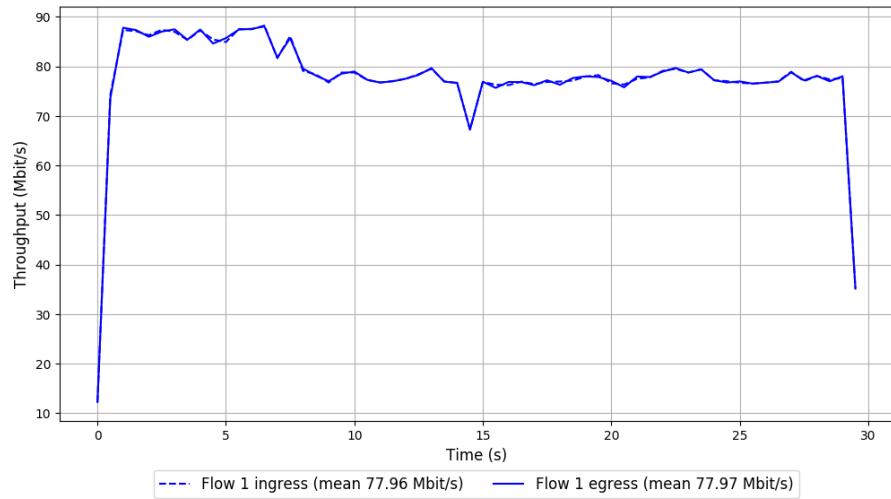


Run 3: Statistics of QUIC Cubic

```
Start at: 2017-08-16 23:00:14
End at: 2017-08-16 23:00:44
Local clock offset: -2.095 ms
Remote clock offset: -18.44 ms

# Below is generated by plot.py at 2017-08-17 04:00:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.97 Mbit/s
95th percentile per-packet one-way delay: 3.698 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.97 Mbit/s
95th percentile per-packet one-way delay: 3.698 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

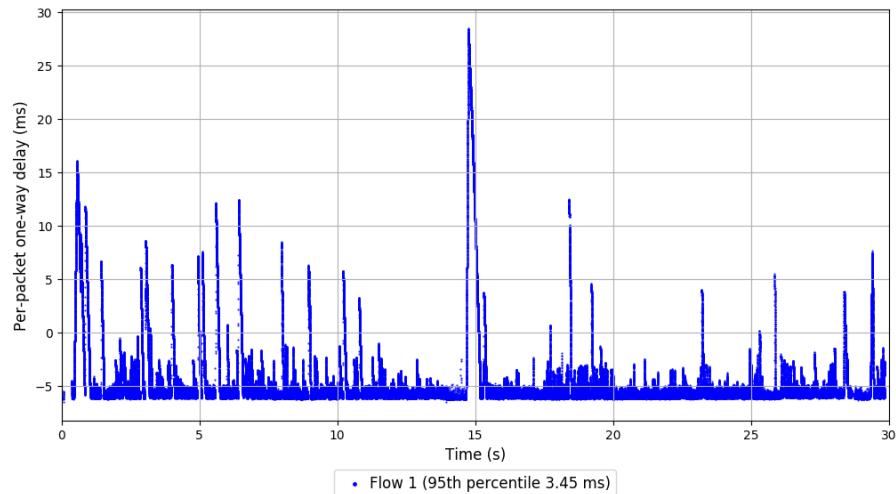
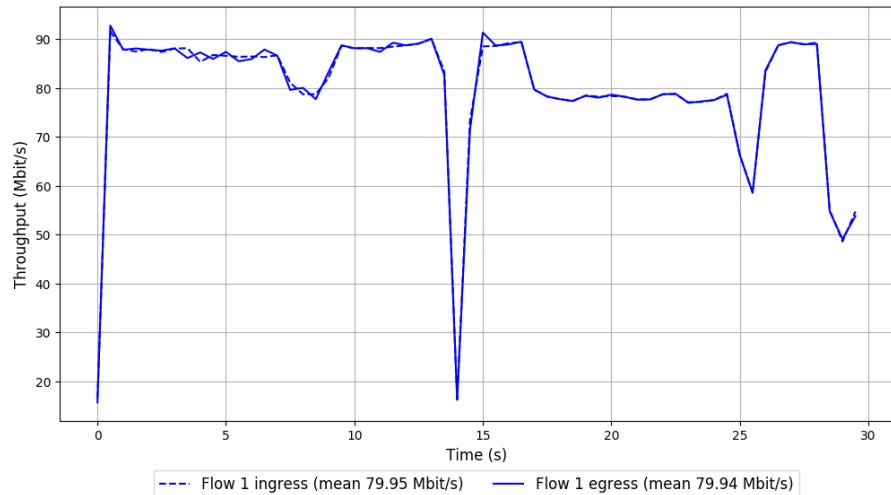


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-08-16 23:18:57
End at: 2017-08-16 23:19:27
Local clock offset: 0.572 ms
Remote clock offset: -22.686 ms

# Below is generated by plot.py at 2017-08-17 04:00:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.94 Mbit/s
95th percentile per-packet one-way delay: 3.454 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.94 Mbit/s
95th percentile per-packet one-way delay: 3.454 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link

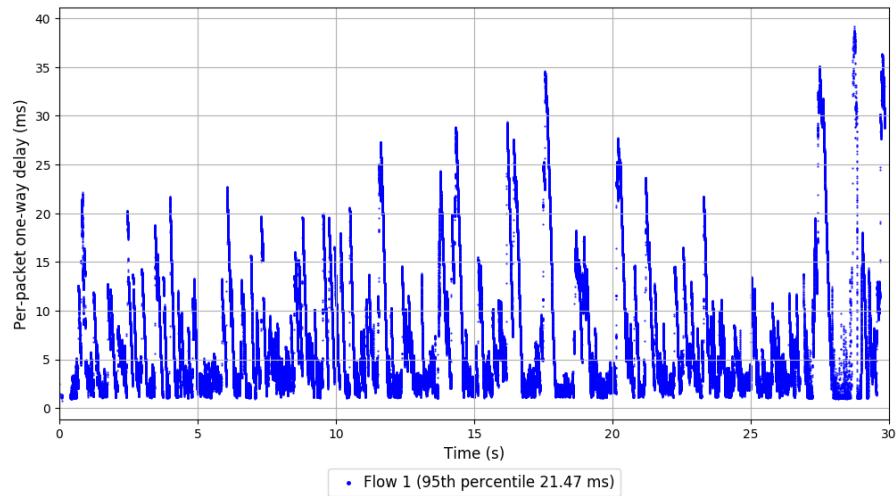
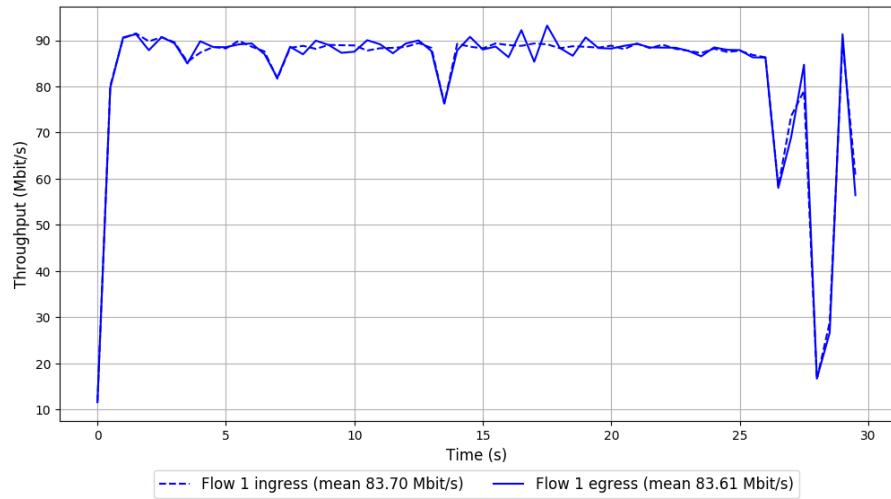


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-08-16 23:37:38
End at: 2017-08-16 23:38:08
Local clock offset: -1.864 ms
Remote clock offset: -22.064 ms

# Below is generated by plot.py at 2017-08-17 04:00:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.61 Mbit/s
95th percentile per-packet one-way delay: 21.466 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 83.61 Mbit/s
95th percentile per-packet one-way delay: 21.466 ms
Loss rate: 0.10%
```

Run 5: Report of QUIC Cubic — Data Link

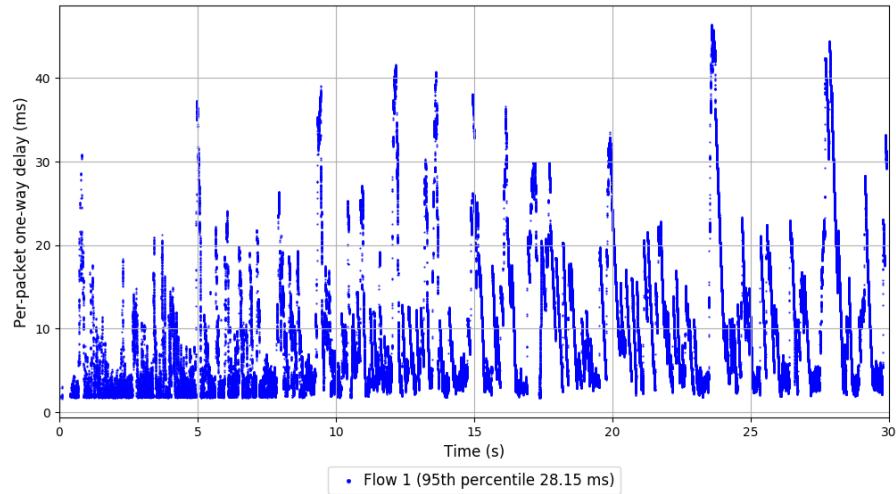
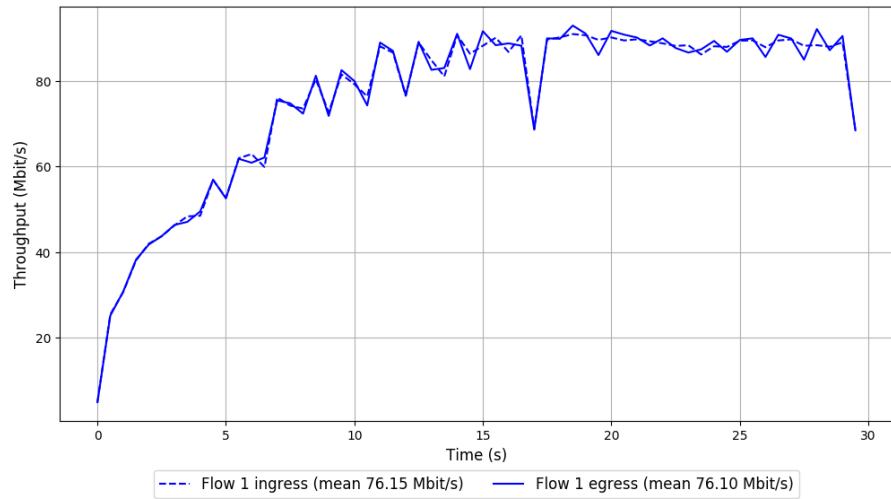


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-08-17 00:06:52
End at: 2017-08-17 00:07:22
Local clock offset: 1.482 ms
Remote clock offset: -22.111 ms

# Below is generated by plot.py at 2017-08-17 04:00:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.10 Mbit/s
95th percentile per-packet one-way delay: 28.152 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 76.10 Mbit/s
95th percentile per-packet one-way delay: 28.152 ms
Loss rate: 0.01%
```

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

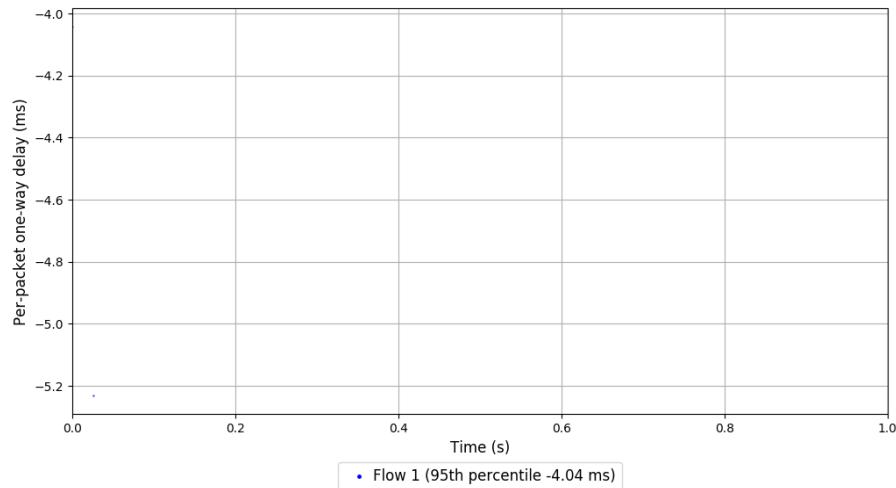
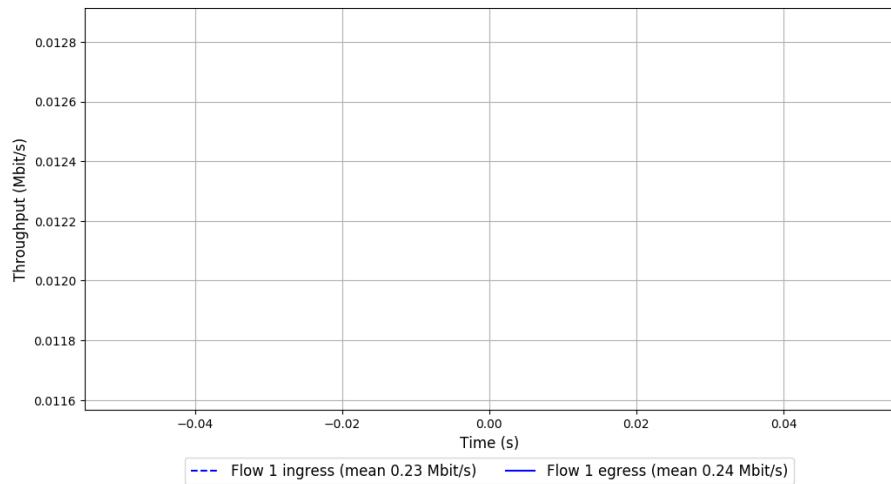
Start at: 2017-08-17 00:36:33

End at: 2017-08-17 00:37:03

Local clock offset: -0.936 ms

Remote clock offset: -24.64 ms

Run 7: Report of QUIC Cubic — Data Link

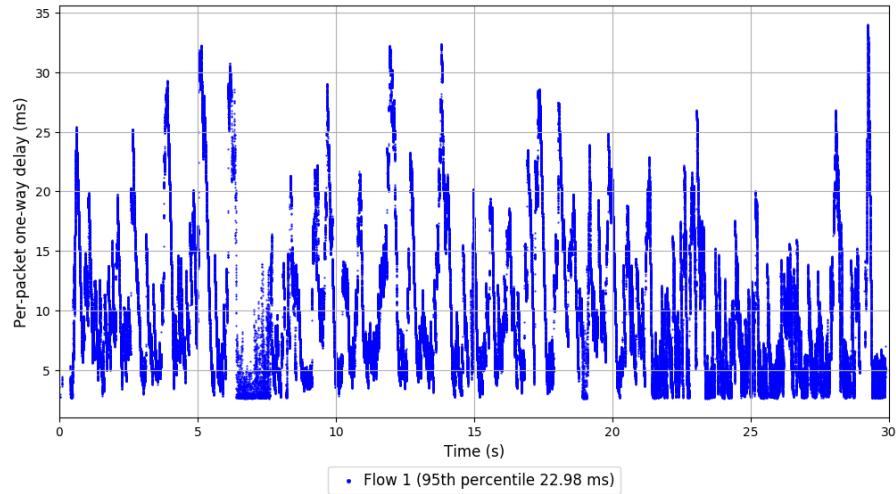
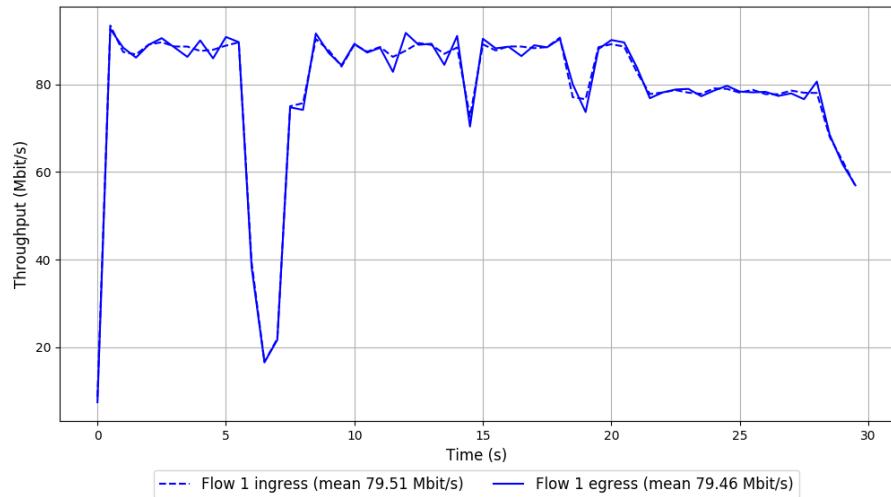


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-08-17 01:08:00
End at: 2017-08-17 01:08:30
Local clock offset: 1.149 ms
Remote clock offset: -20.583 ms

# Below is generated by plot.py at 2017-08-17 04:00:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.46 Mbit/s
95th percentile per-packet one-way delay: 22.977 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 79.46 Mbit/s
95th percentile per-packet one-way delay: 22.977 ms
Loss rate: 0.06%
```

Run 8: Report of QUIC Cubic — Data Link

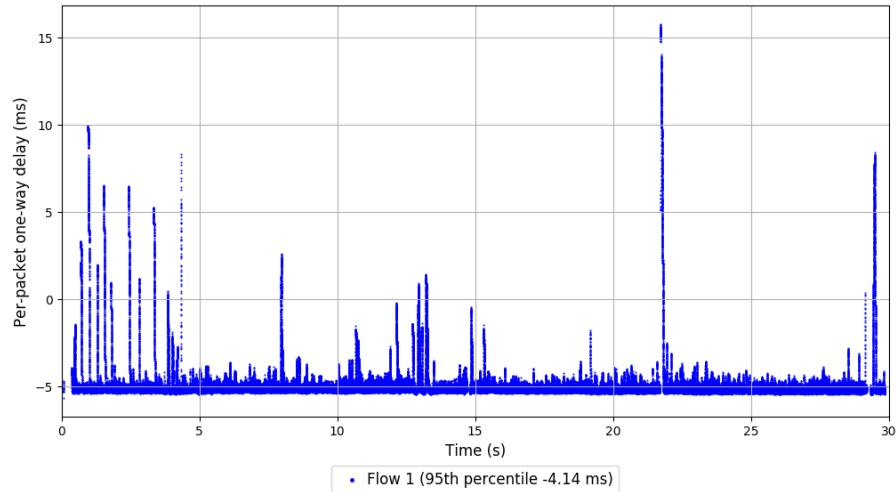
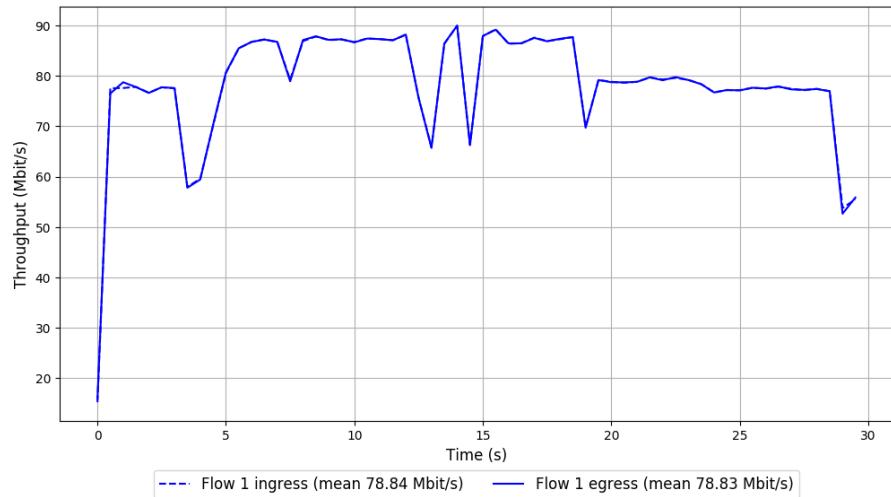


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-08-17 01:59:28
End at: 2017-08-17 01:59:58
Local clock offset: 3.24 ms
Remote clock offset: -17.702 ms

# Below is generated by plot.py at 2017-08-17 04:00:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.83 Mbit/s
95th percentile per-packet one-way delay: -4.142 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.83 Mbit/s
95th percentile per-packet one-way delay: -4.142 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic — Data Link

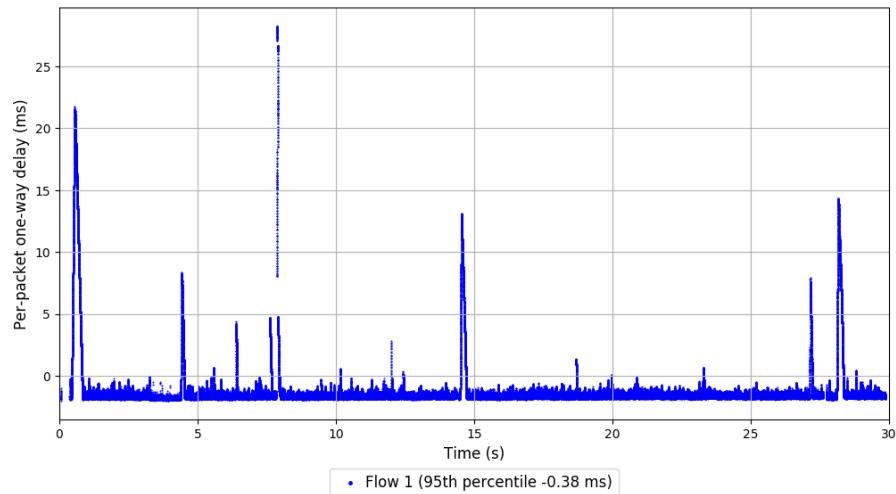
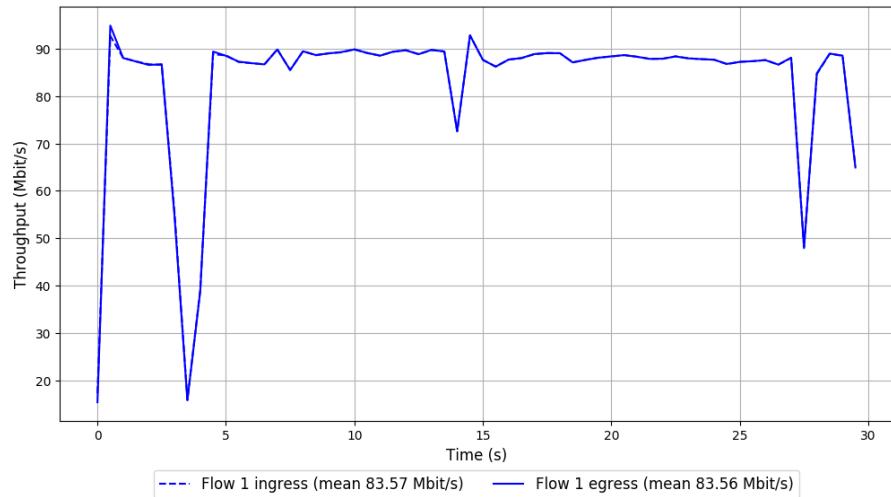


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-08-17 02:28:02
End at: 2017-08-17 02:28:32
Local clock offset: -0.304 ms
Remote clock offset: -18.287 ms

# Below is generated by plot.py at 2017-08-17 04:00:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.56 Mbit/s
95th percentile per-packet one-way delay: -0.377 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 83.56 Mbit/s
95th percentile per-packet one-way delay: -0.377 ms
Loss rate: 0.01%
```

Run 10: Report of QUIC Cubic — Data Link

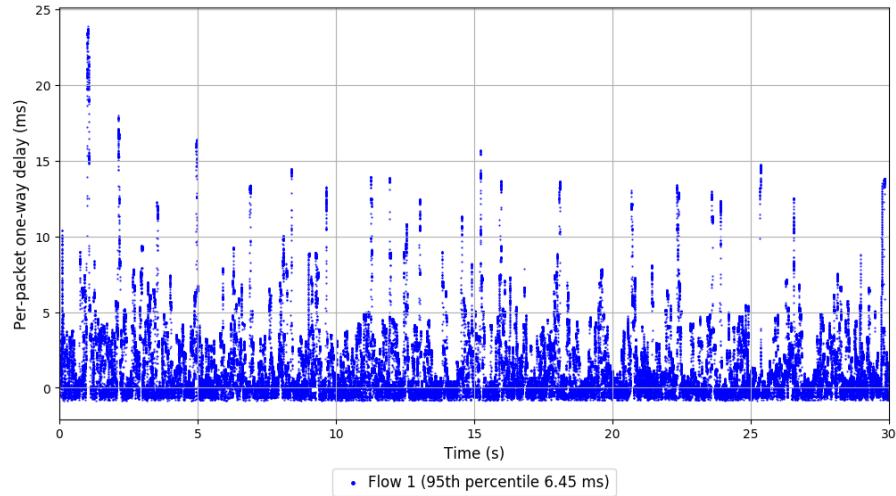
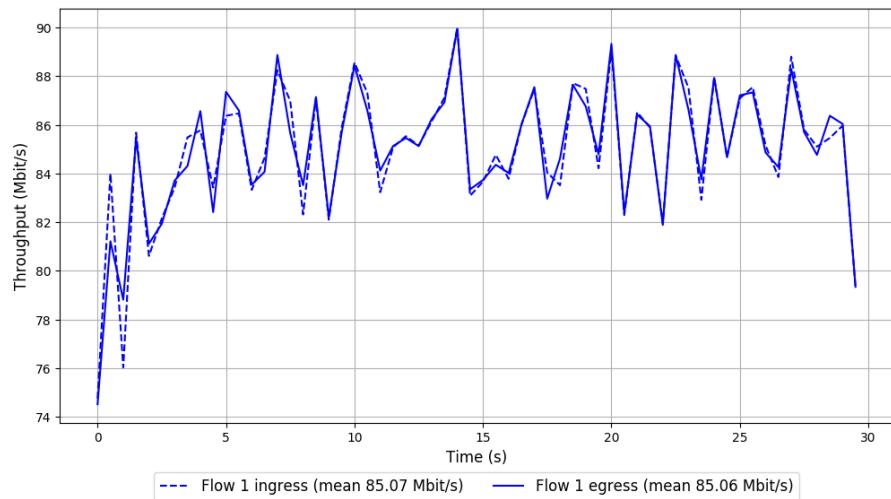


```
Run 1: Statistics of Saturator
```

```
Start at: 2017-08-16 22:32:11
End at: 2017-08-16 22:32:41
Local clock offset: -2.966 ms
Remote clock offset: -21.154 ms

# Below is generated by plot.py at 2017-08-17 04:00:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 6.449 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 6.449 ms
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

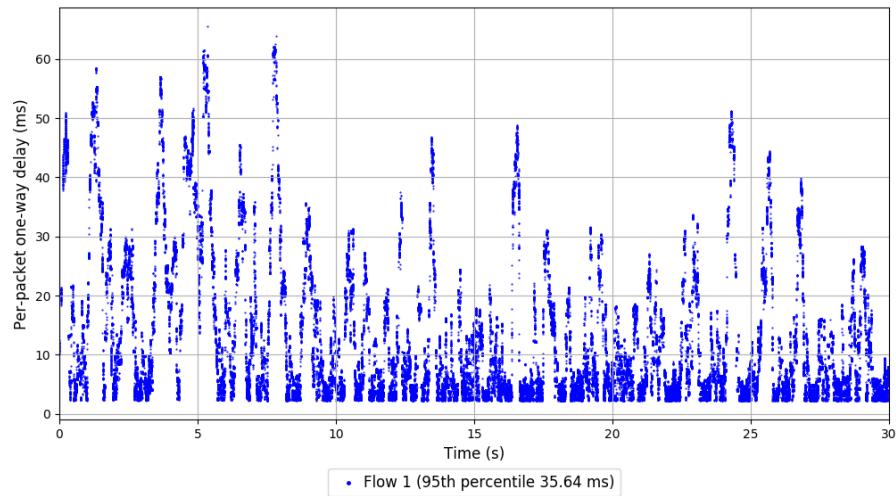
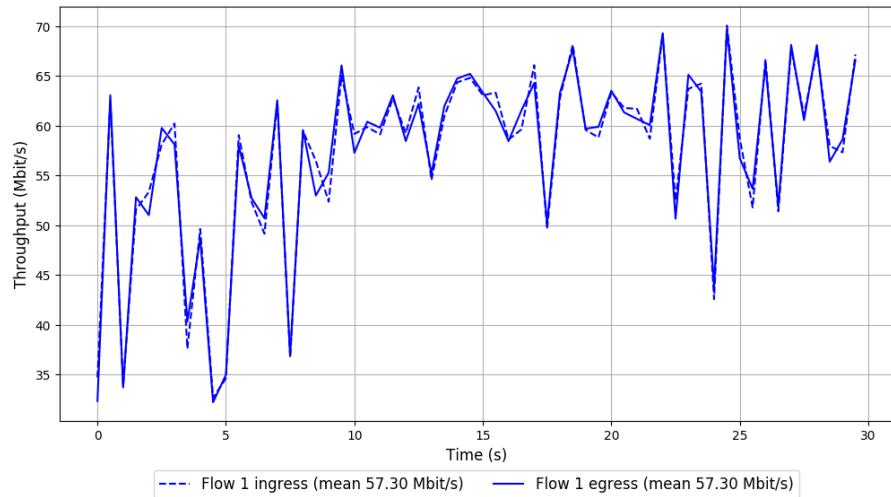


Run 2: Statistics of Saturator

```
Start at: 2017-08-16 22:50:26
End at: 2017-08-16 22:50:56
Local clock offset: 0.826 ms
Remote clock offset: -20.499 ms

# Below is generated by plot.py at 2017-08-17 04:00:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.30 Mbit/s
95th percentile per-packet one-way delay: 35.639 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 57.30 Mbit/s
95th percentile per-packet one-way delay: 35.639 ms
Loss rate: 0.03%
```

Run 2: Report of Saturator — Data Link

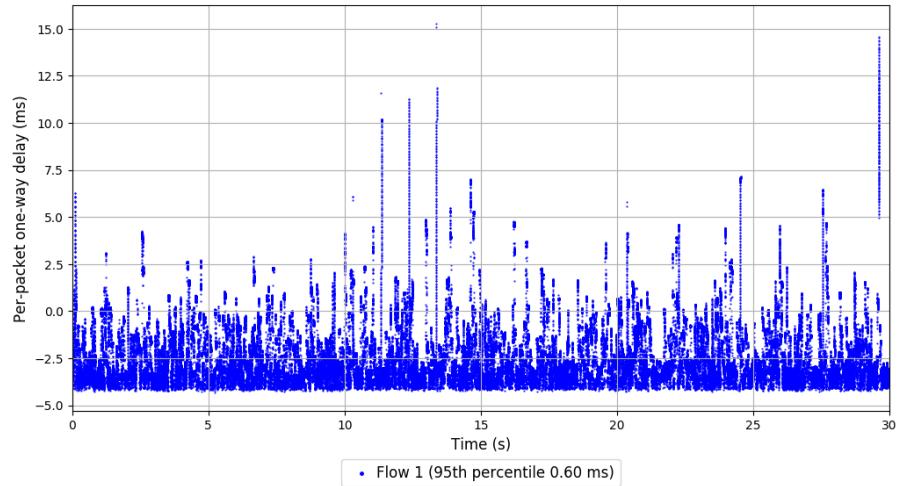
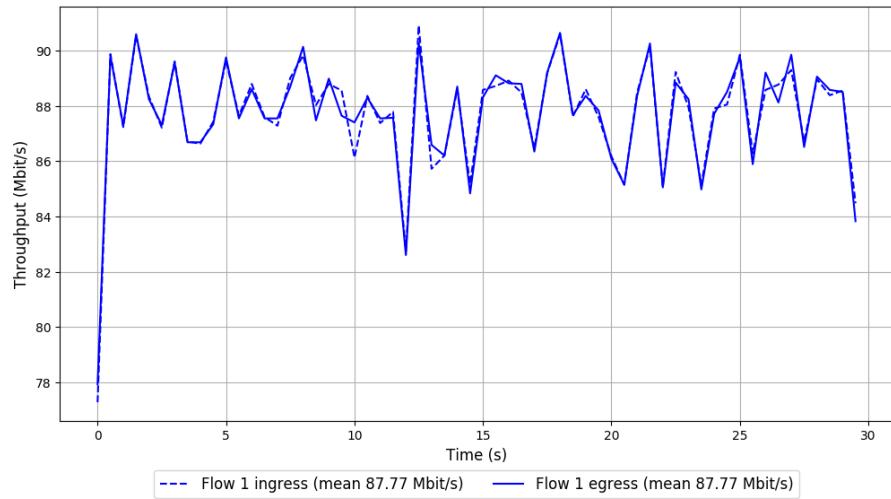


Run 3: Statistics of Saturator

```
Start at: 2017-08-16 23:09:10
End at: 2017-08-16 23:09:40
Local clock offset: -0.201 ms
Remote clock offset: -20.633 ms

# Below is generated by plot.py at 2017-08-17 04:01:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 0.601 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 0.601 ms
Loss rate: 0.00%
```

Run 3: Report of Saturator — Data Link

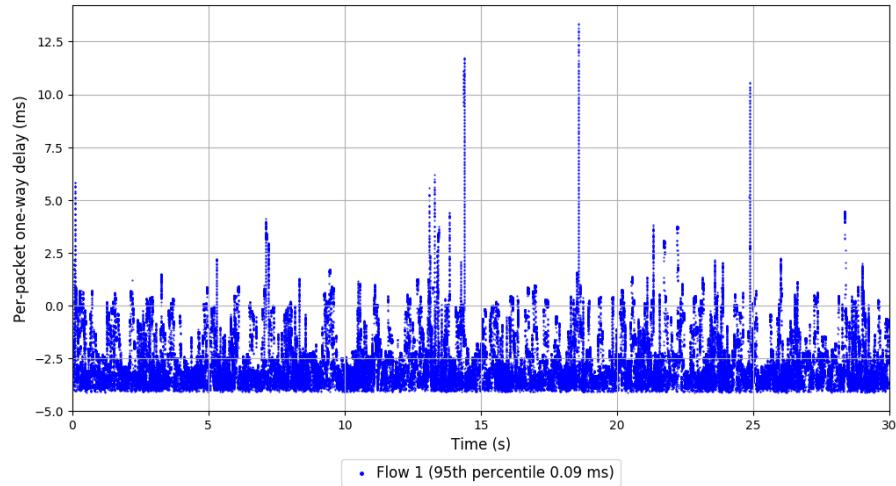
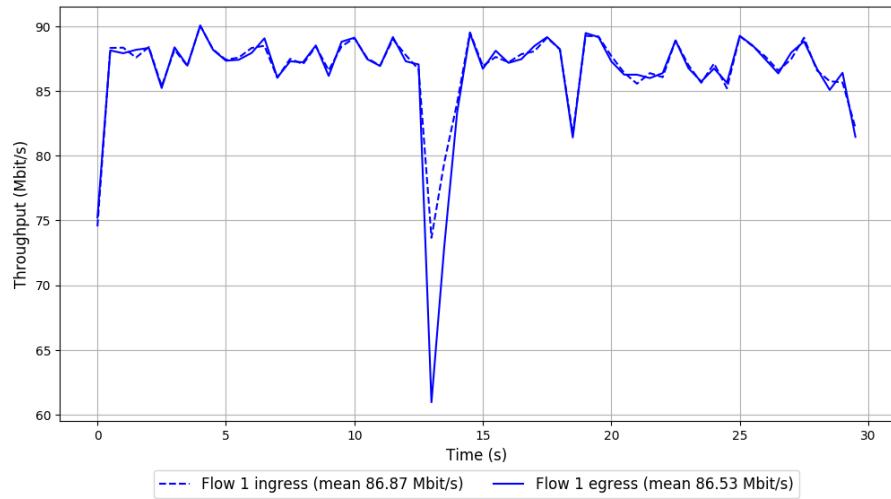


Run 4: Statistics of Saturator

```
Start at: 2017-08-16 23:27:53
End at: 2017-08-16 23:28:23
Local clock offset: 0.535 ms
Remote clock offset: -21.04 ms

# Below is generated by plot.py at 2017-08-17 04:01:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 0.087 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 0.087 ms
Loss rate: 0.38%
```

Run 4: Report of Saturator — Data Link

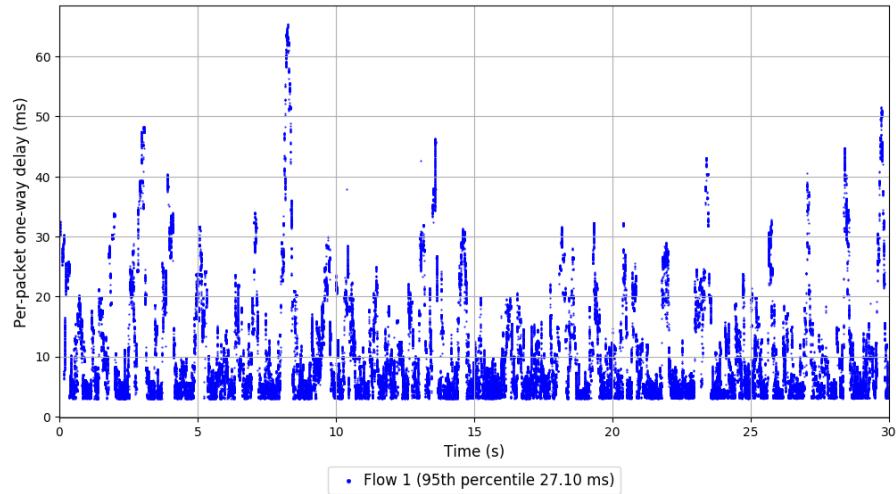
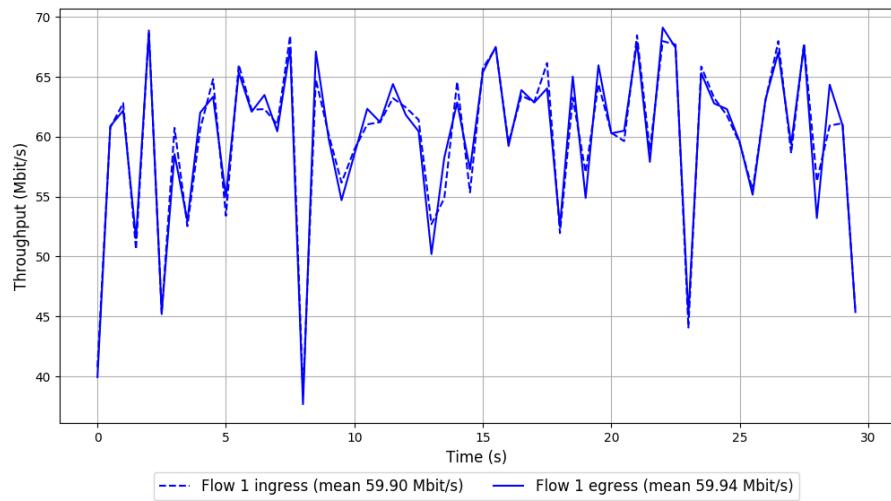


Run 5: Statistics of Saturator

```
Start at: 2017-08-16 23:49:32
End at: 2017-08-16 23:50:02
Local clock offset: 0.098 ms
Remote clock offset: -21.961 ms

# Below is generated by plot.py at 2017-08-17 04:01:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.94 Mbit/s
95th percentile per-packet one-way delay: 27.099 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 59.94 Mbit/s
95th percentile per-packet one-way delay: 27.099 ms
Loss rate: 0.03%
```

Run 5: Report of Saturator — Data Link

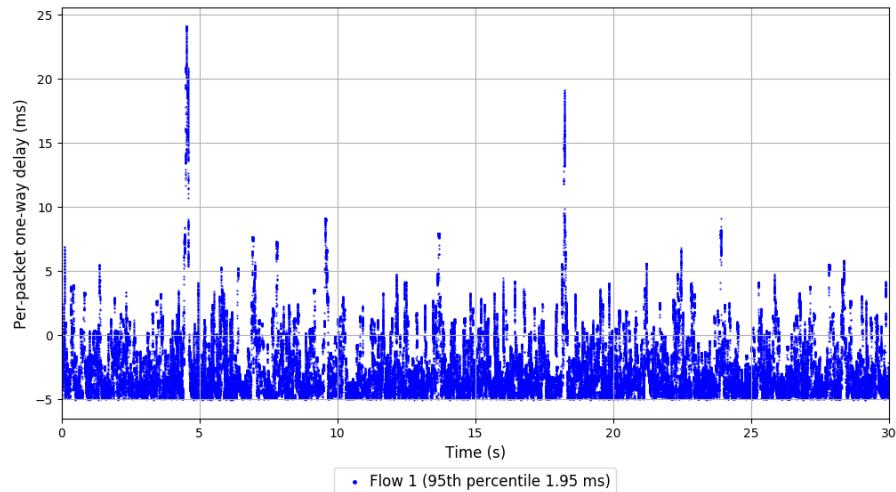
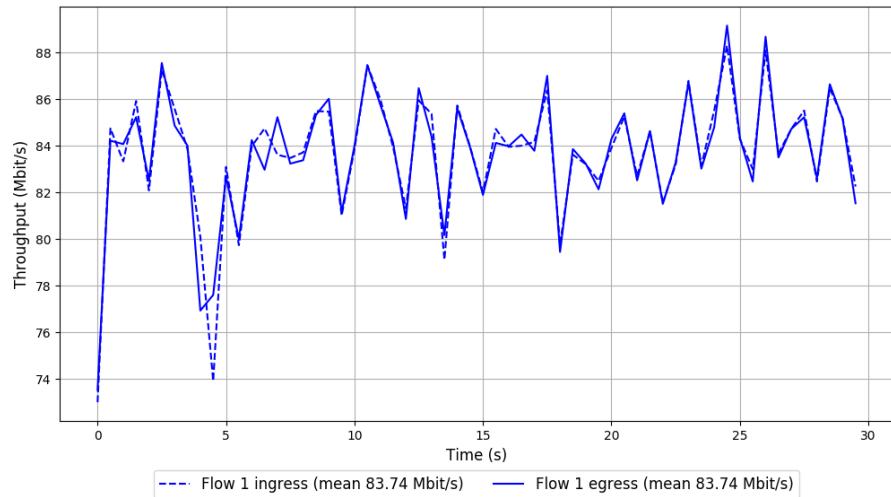


Run 6: Statistics of Saturator

```
Start at: 2017-08-17 00:22:58
End at: 2017-08-17 00:23:28
Local clock offset: 1.635 ms
Remote clock offset: -22.024 ms

# Below is generated by plot.py at 2017-08-17 04:01:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.74 Mbit/s
95th percentile per-packet one-way delay: 1.954 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.74 Mbit/s
95th percentile per-packet one-way delay: 1.954 ms
Loss rate: 0.00%
```

Run 6: Report of Saturator — Data Link

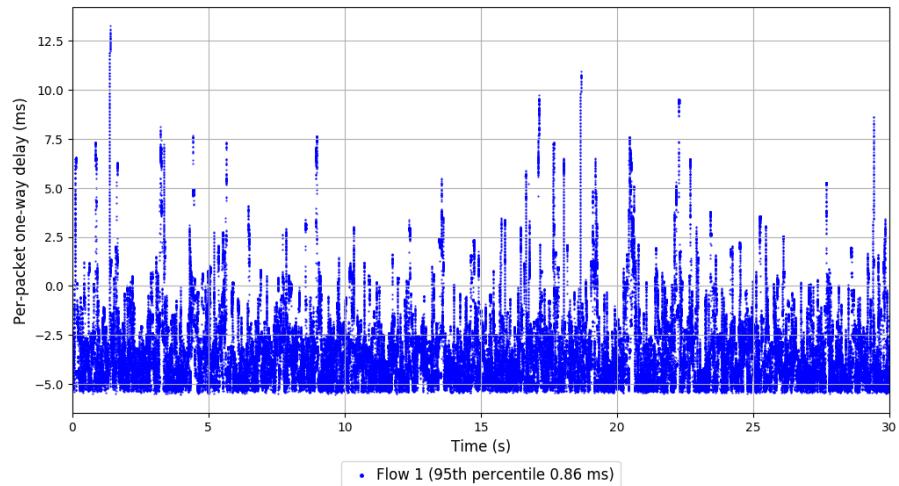
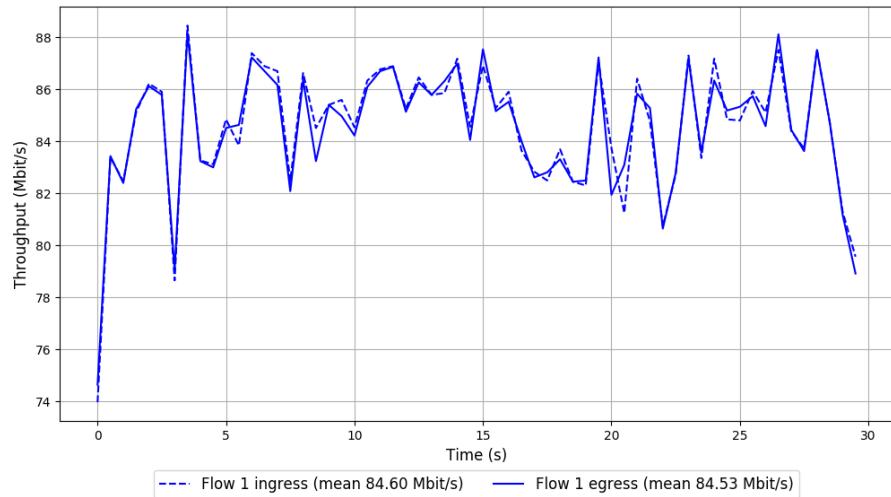


Run 7: Statistics of Saturator

```
Start at: 2017-08-17 00:52:00
End at: 2017-08-17 00:52:30
Local clock offset: 0.094 ms
Remote clock offset: -23.805 ms

# Below is generated by plot.py at 2017-08-17 04:01:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.53 Mbit/s
95th percentile per-packet one-way delay: 0.856 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 84.53 Mbit/s
95th percentile per-packet one-way delay: 0.856 ms
Loss rate: 0.08%
```

Run 7: Report of Saturator — Data Link

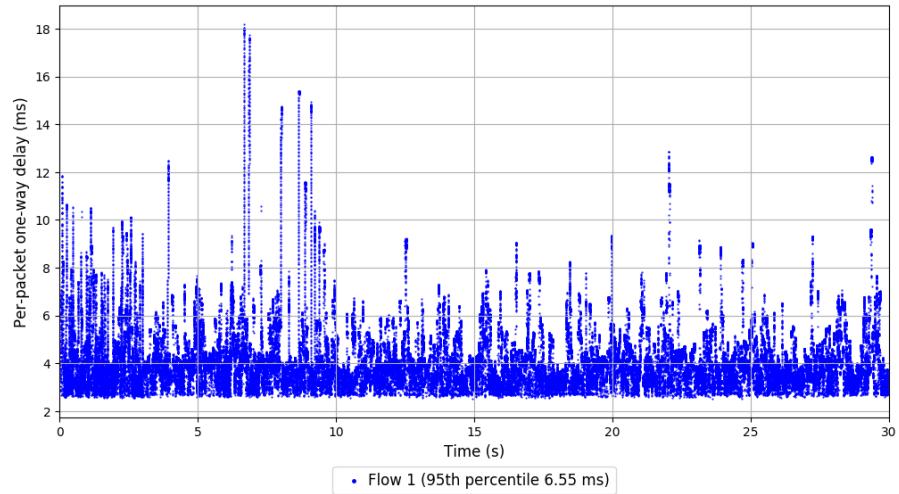
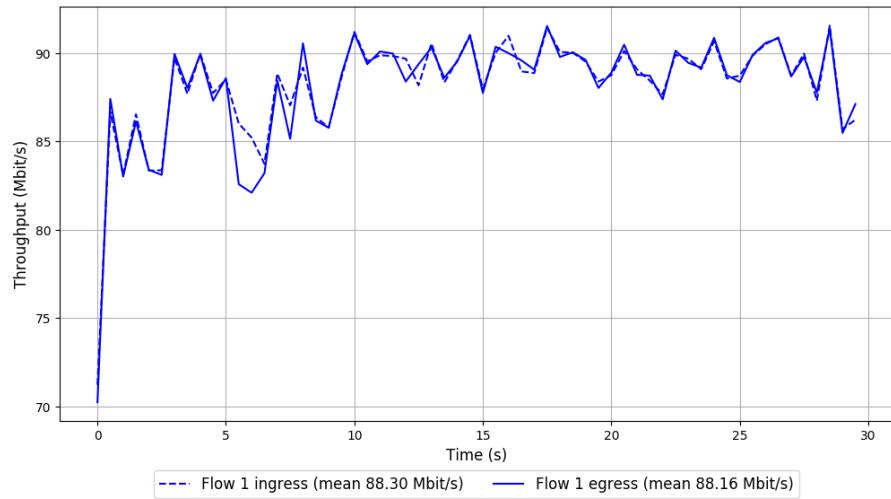


Run 8: Statistics of Saturator

```
Start at: 2017-08-17 01:26:01
End at: 2017-08-17 01:26:31
Local clock offset: -12.197 ms
Remote clock offset: -25.932 ms

# Below is generated by plot.py at 2017-08-17 04:01:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.16 Mbit/s
95th percentile per-packet one-way delay: 6.547 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 88.16 Mbit/s
95th percentile per-packet one-way delay: 6.547 ms
Loss rate: 0.16%
```

Run 8: Report of Saturator — Data Link

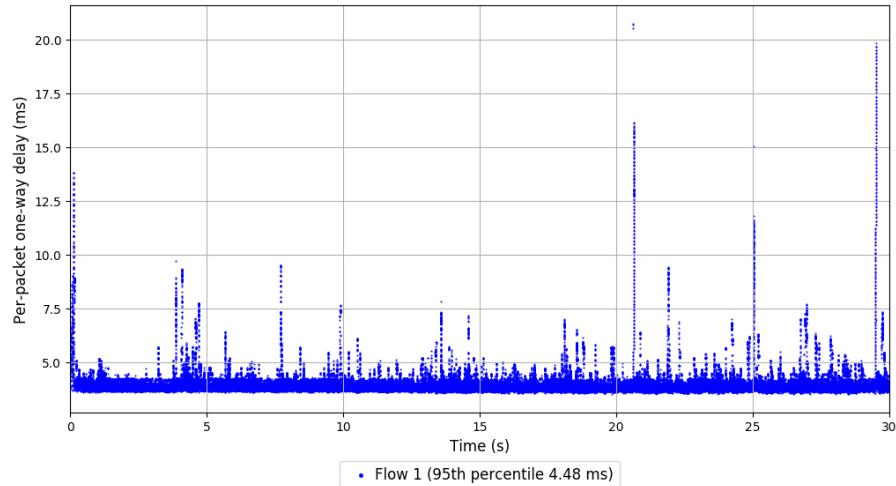
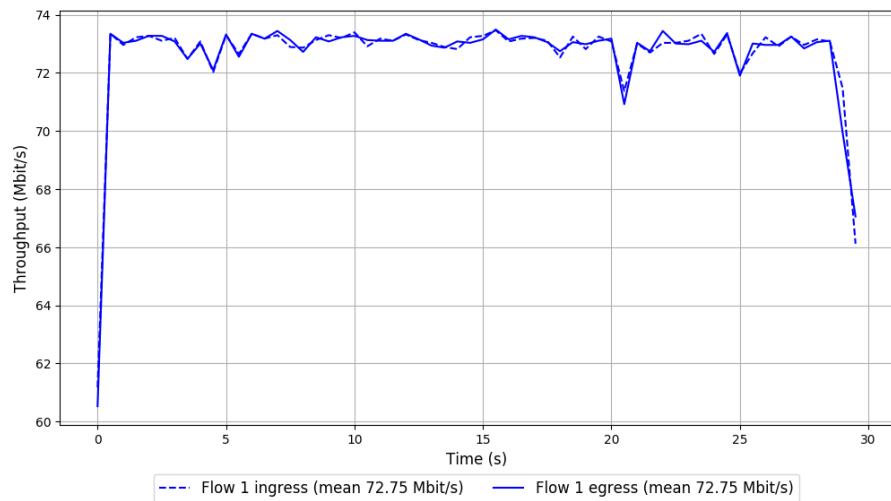


Run 9: Statistics of Saturator

```
Start at: 2017-08-17 02:11:19
End at: 2017-08-17 02:11:49
Local clock offset: 0.787 ms
Remote clock offset: -17.6 ms

# Below is generated by plot.py at 2017-08-17 04:01:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.75 Mbit/s
95th percentile per-packet one-way delay: 4.478 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 72.75 Mbit/s
95th percentile per-packet one-way delay: 4.478 ms
Loss rate: 0.03%
```

Run 9: Report of Saturator — Data Link

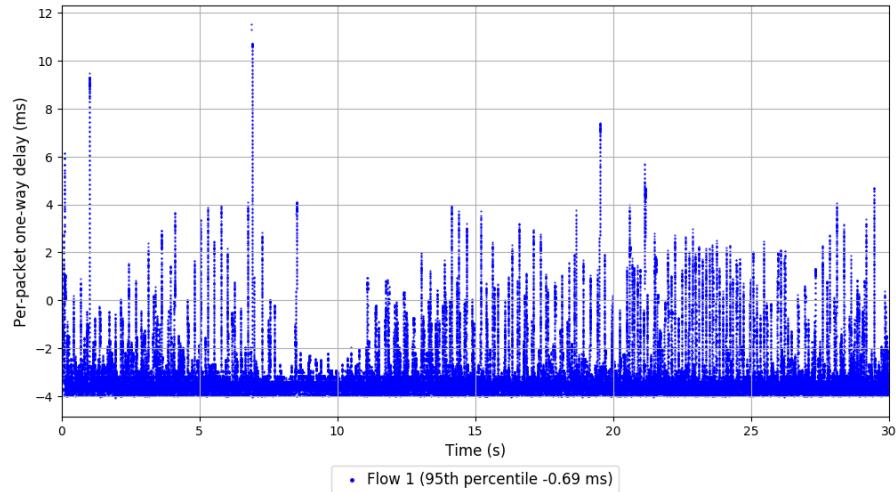
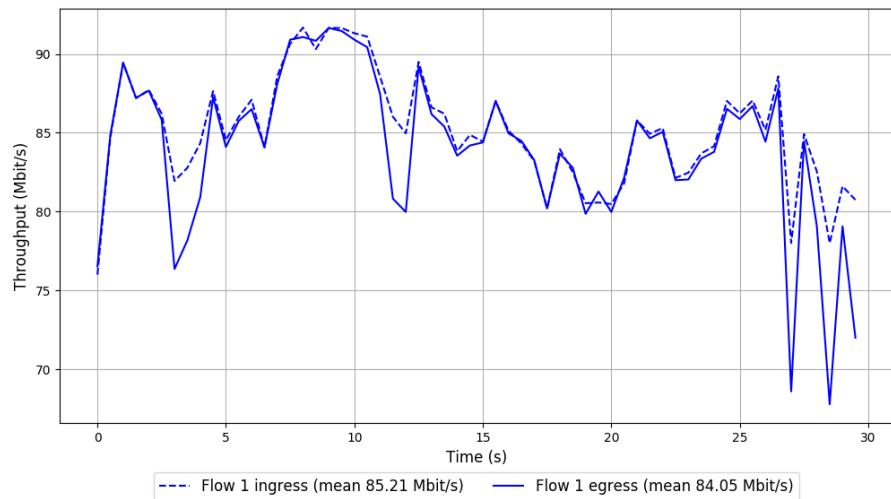


Run 10: Statistics of Saturator

```
Start at: 2017-08-17 03:02:12
End at: 2017-08-17 03:02:42
Local clock offset: 1.392 ms
Remote clock offset: -21.515 ms

# Below is generated by plot.py at 2017-08-17 04:01:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.05 Mbit/s
95th percentile per-packet one-way delay: -0.693 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 84.05 Mbit/s
95th percentile per-packet one-way delay: -0.693 ms
Loss rate: 1.37%
```

Run 10: Report of Saturator — Data Link

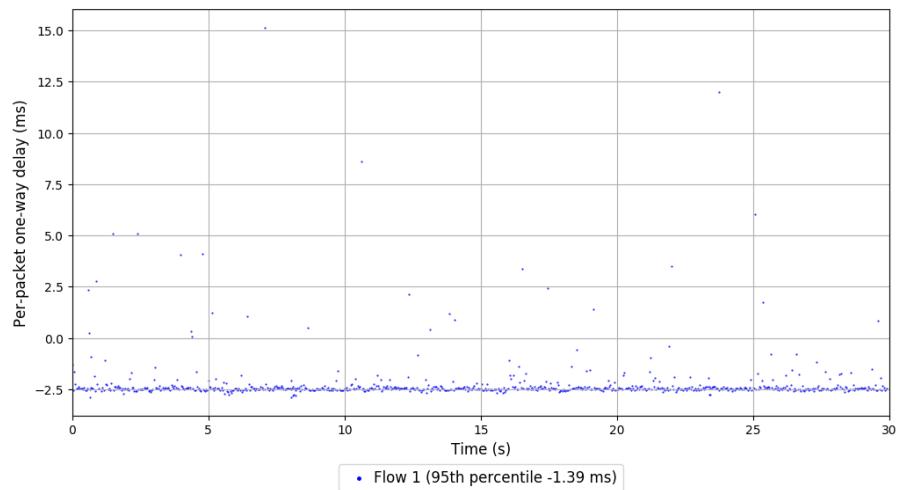
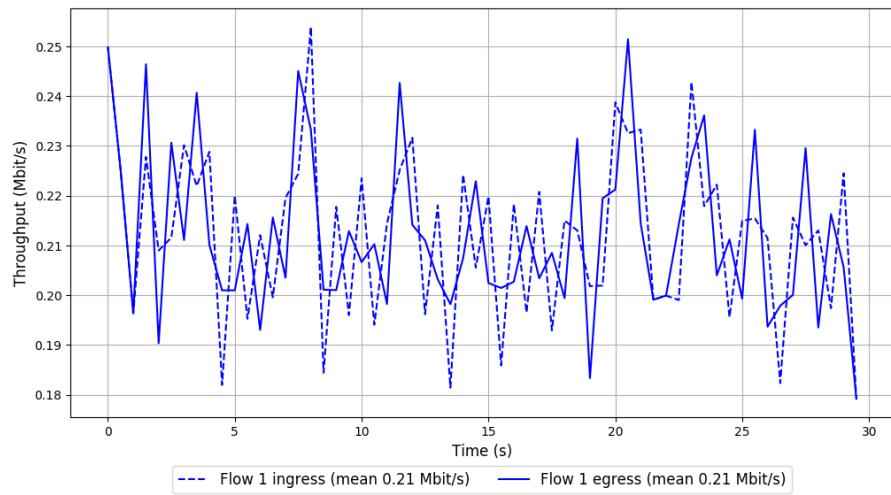


Run 1: Statistics of SCReAM

```
Start at: 2017-08-16 22:22:57
End at: 2017-08-16 22:23:27
Local clock offset: -0.476 ms
Remote clock offset: -20.027 ms

# Below is generated by plot.py at 2017-08-17 04:01:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -1.394 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -1.394 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

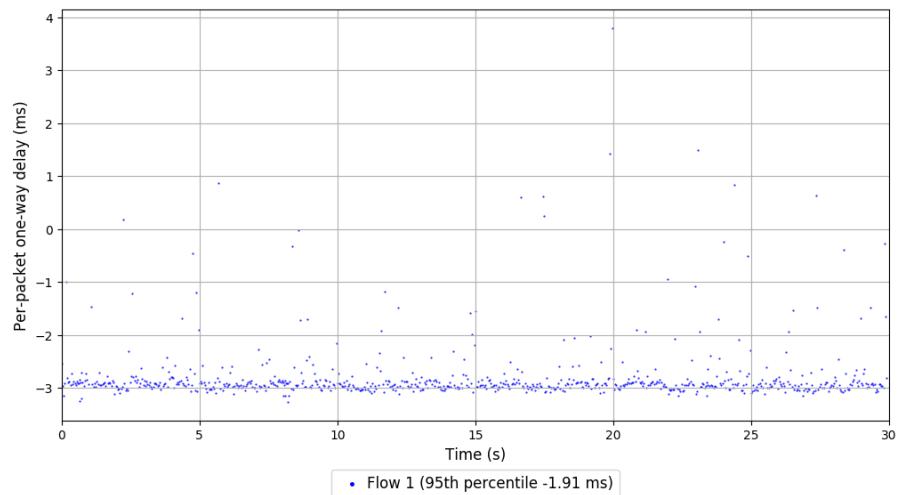
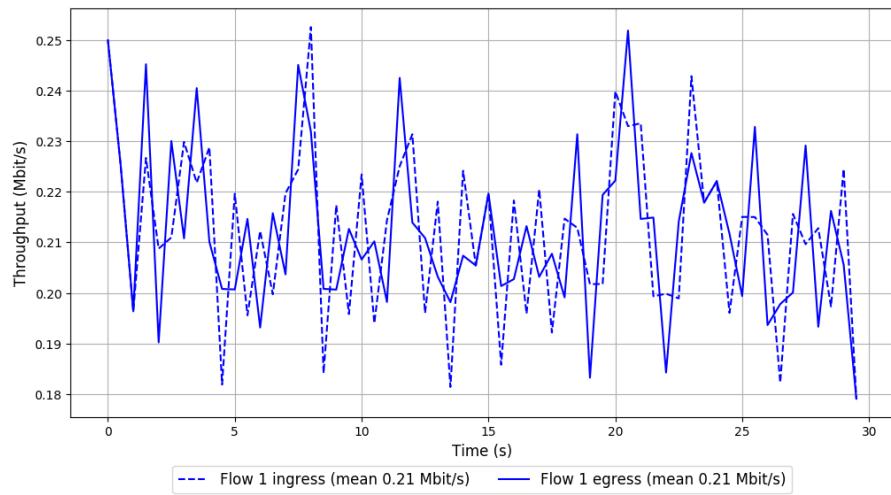


Run 2: Statistics of SCReAM

```
Start at: 2017-08-16 22:40:40
End at: 2017-08-16 22:41:10
Local clock offset: -0.34 ms
Remote clock offset: -20.552 ms

# Below is generated by plot.py at 2017-08-17 04:01:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -1.913 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -1.913 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

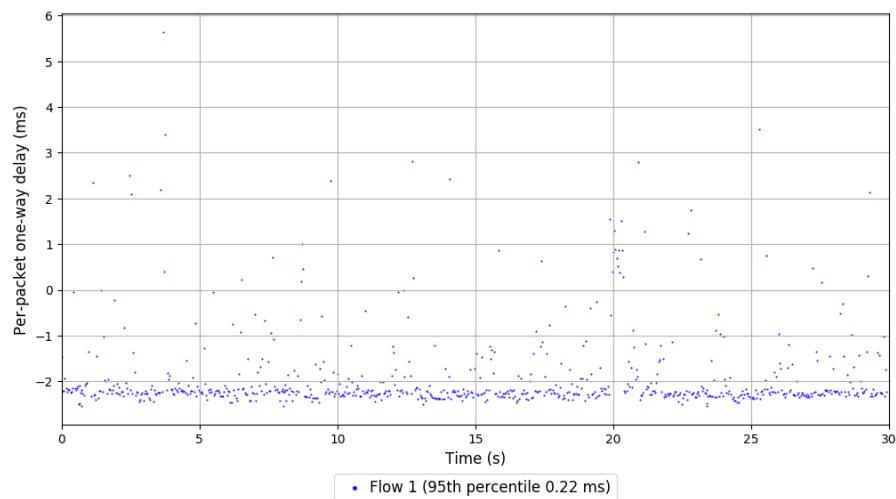
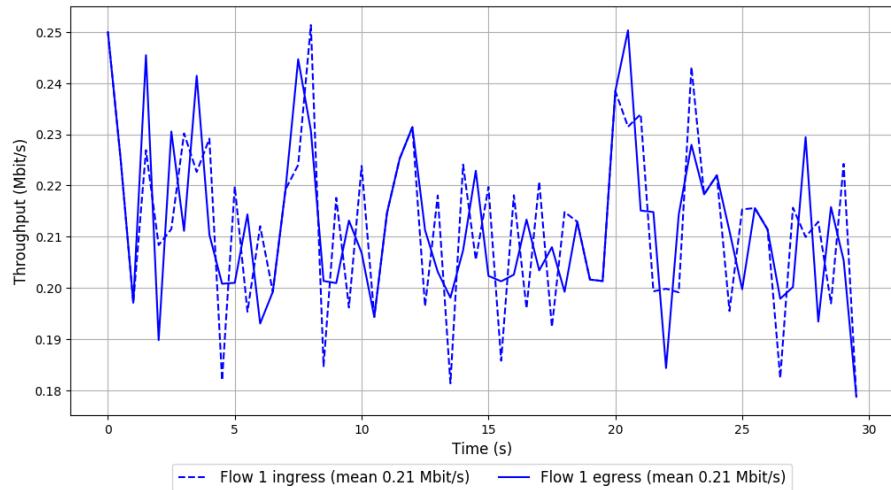


Run 3: Statistics of SCReAM

```
Start at: 2017-08-16 22:59:09
End at: 2017-08-16 22:59:39
Local clock offset: -1.676 ms
Remote clock offset: -19.907 ms

# Below is generated by plot.py at 2017-08-17 04:01:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 0.223 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 0.223 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

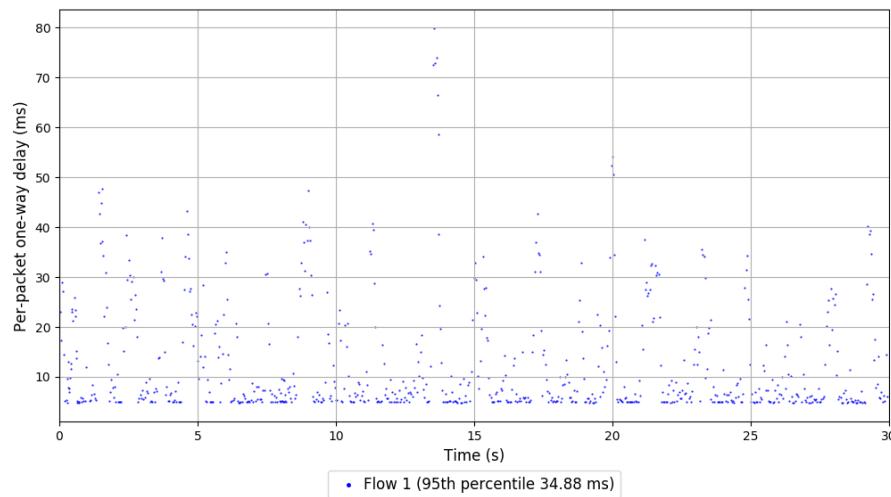
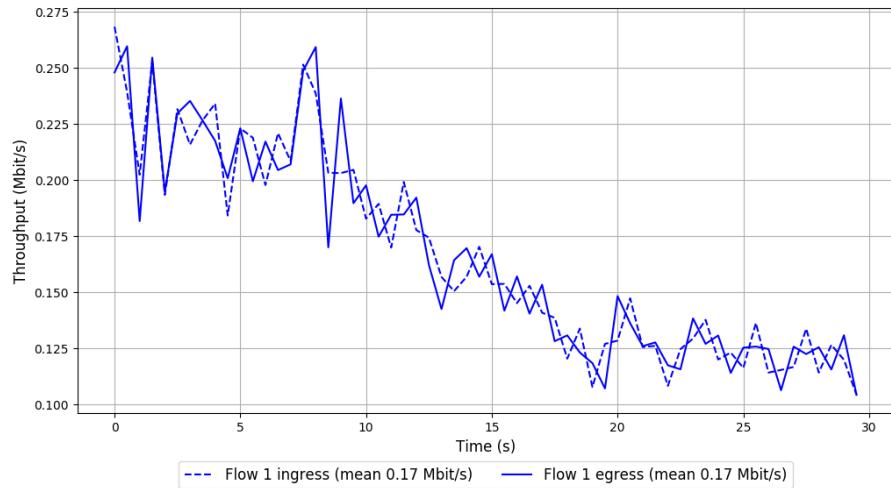


Run 4: Statistics of SCReAM

```
Start at: 2017-08-16 23:17:51
End at: 2017-08-16 23:18:21
Local clock offset: -2.322 ms
Remote clock offset: -21.578 ms

# Below is generated by plot.py at 2017-08-17 04:01:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 34.885 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 34.885 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

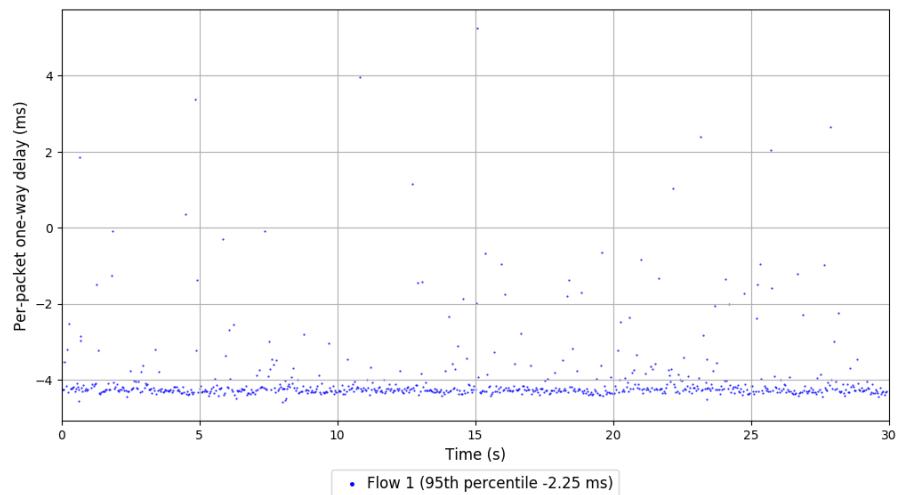
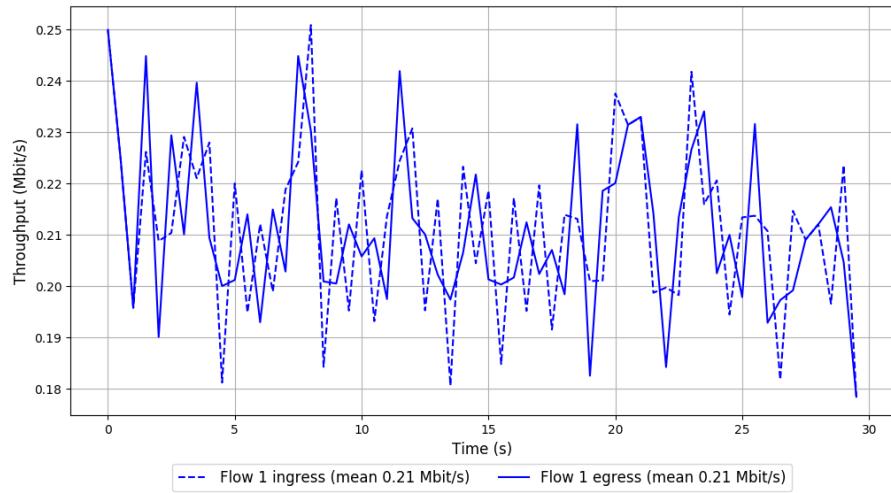


Run 5: Statistics of SCReAM

```
Start at: 2017-08-16 23:36:33
End at: 2017-08-16 23:37:03
Local clock offset: 0.659 ms
Remote clock offset: -21.644 ms

# Below is generated by plot.py at 2017-08-17 04:01:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -2.245 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -2.245 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

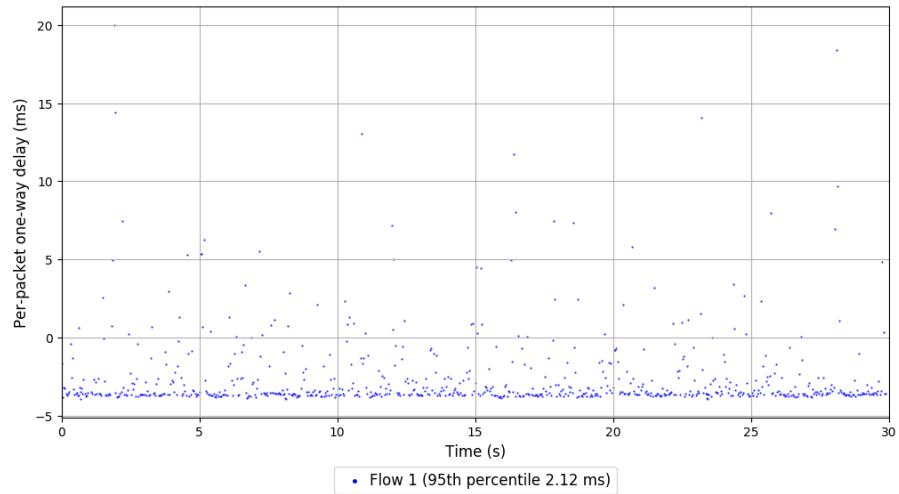
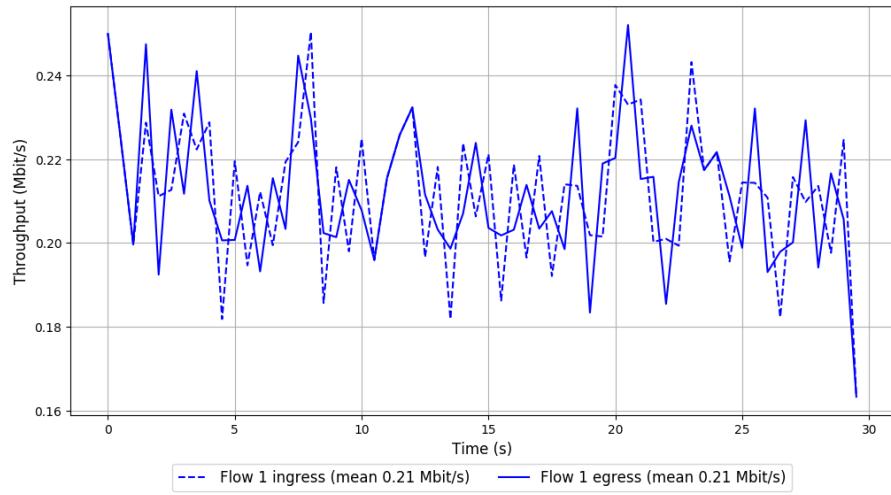


Run 6: Statistics of SCReAM

```
Start at: 2017-08-17 00:05:36
End at: 2017-08-17 00:06:06
Local clock offset: -0.202 ms
Remote clock offset: -22.508 ms

# Below is generated by plot.py at 2017-08-17 04:01:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 2.119 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 2.119 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

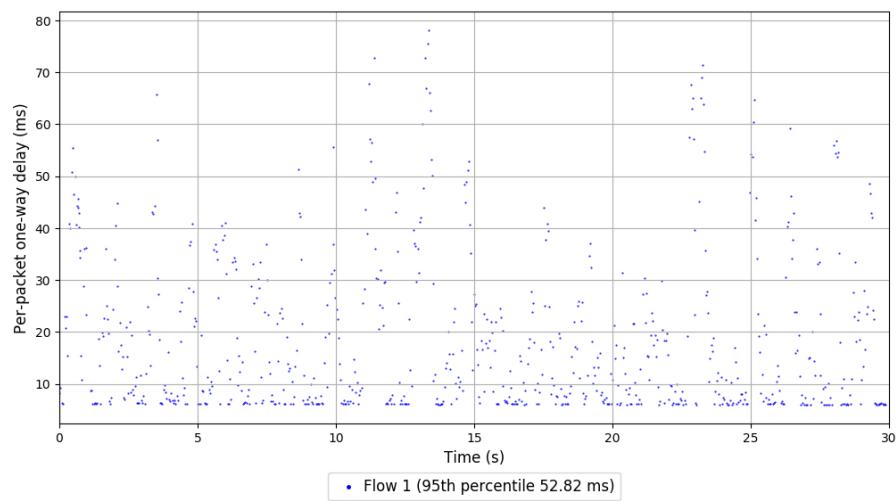
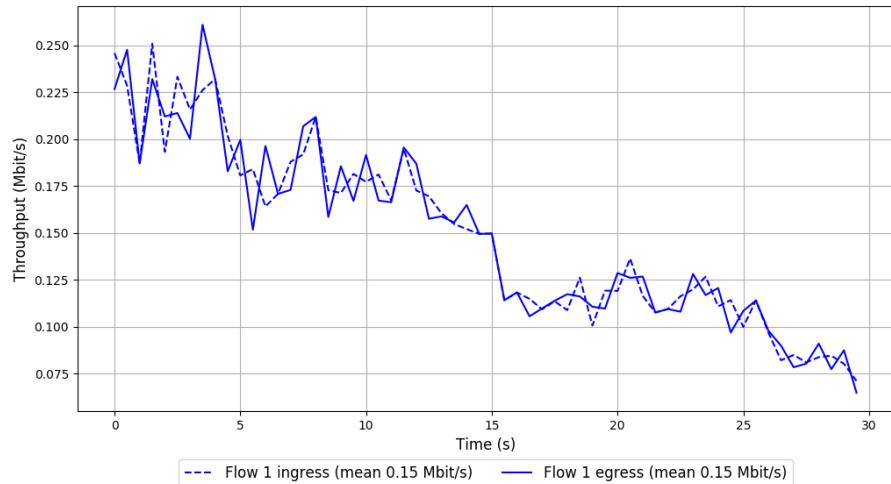


Run 7: Statistics of SCReAM

```
Start at: 2017-08-17 00:35:24
End at: 2017-08-17 00:35:54
Local clock offset: -2.668 ms
Remote clock offset: -22.287 ms

# Below is generated by plot.py at 2017-08-17 04:01:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 52.823 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 52.823 ms
Loss rate: 0.07%
```

Run 7: Report of SCReAM — Data Link

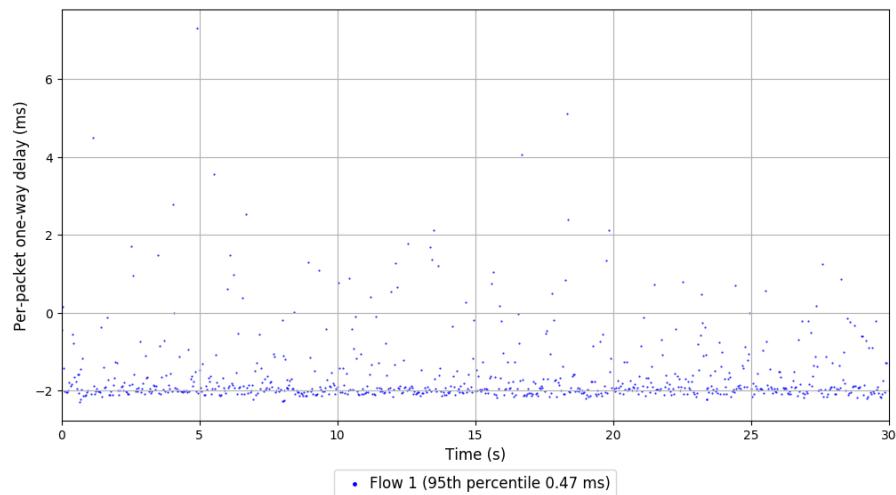
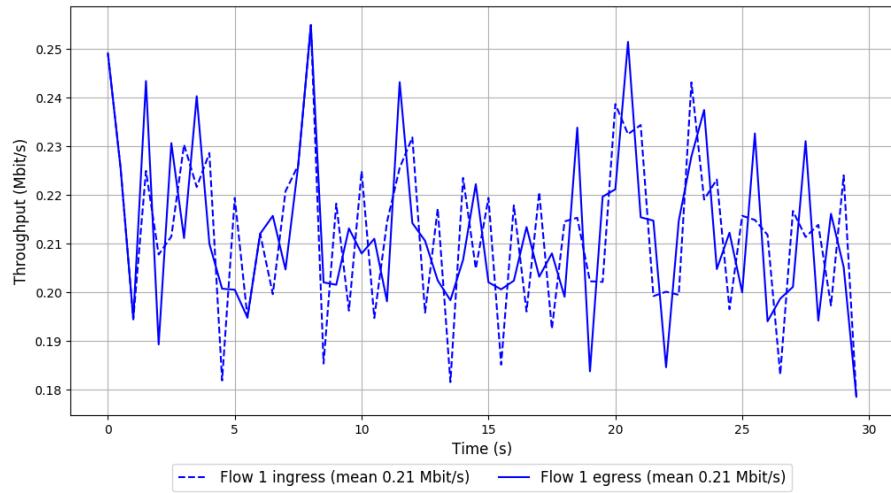


Run 8: Statistics of SCReAM

```
Start at: 2017-08-17 01:06:46
End at: 2017-08-17 01:07:16
Local clock offset: -0.931 ms
Remote clock offset: -20.349 ms

# Below is generated by plot.py at 2017-08-17 04:01:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 0.474 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 0.474 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

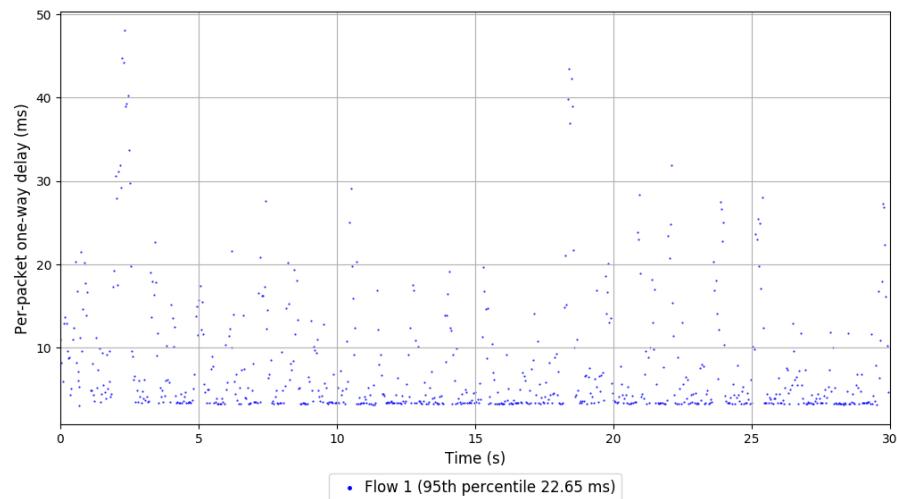
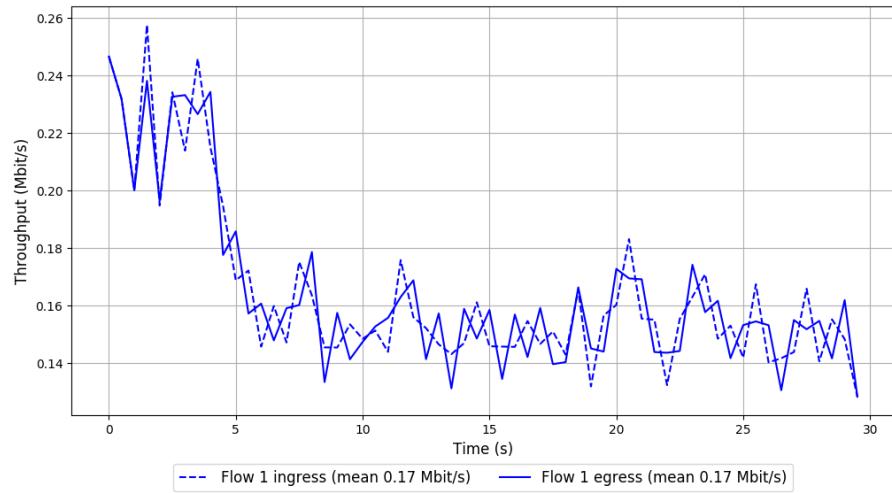


Run 9: Statistics of SCReAM

```
Start at: 2017-08-17 01:58:21
End at: 2017-08-17 01:58:51
Local clock offset: 0.316 ms
Remote clock offset: -18.873 ms

# Below is generated by plot.py at 2017-08-17 04:01:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 22.654 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 22.654 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

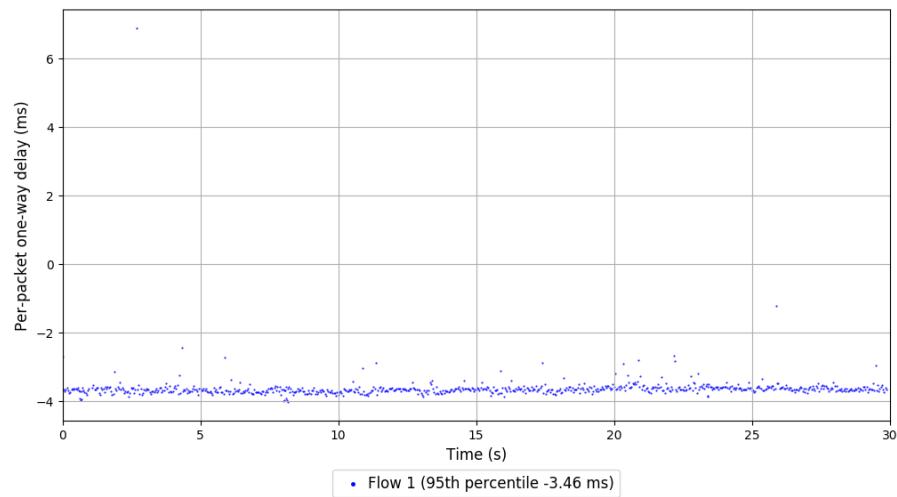
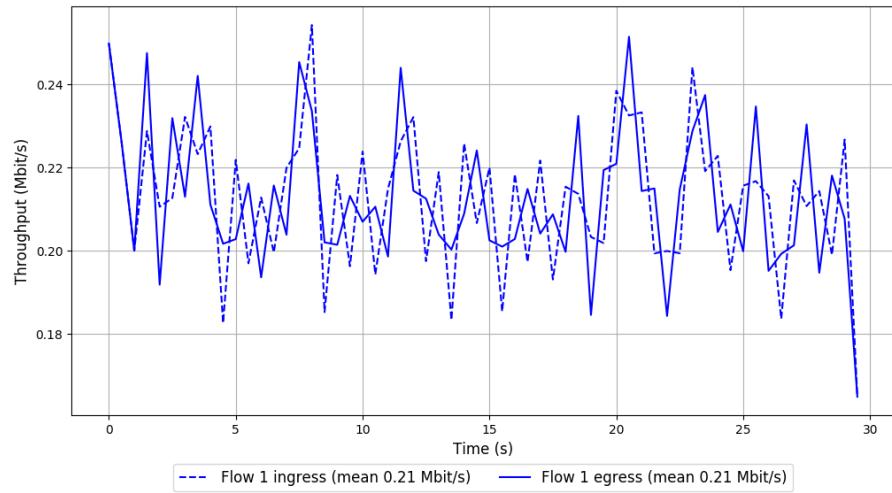


Run 10: Statistics of SCReAM

```
Start at: 2017-08-17 02:26:41
End at: 2017-08-17 02:27:11
Local clock offset: 2.732 ms
Remote clock offset: -17.112 ms

# Below is generated by plot.py at 2017-08-17 04:01:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.455 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.455 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

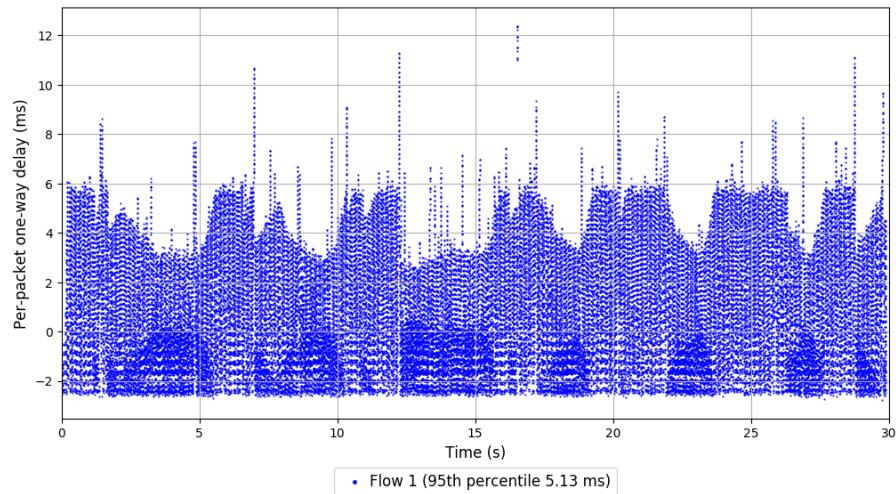
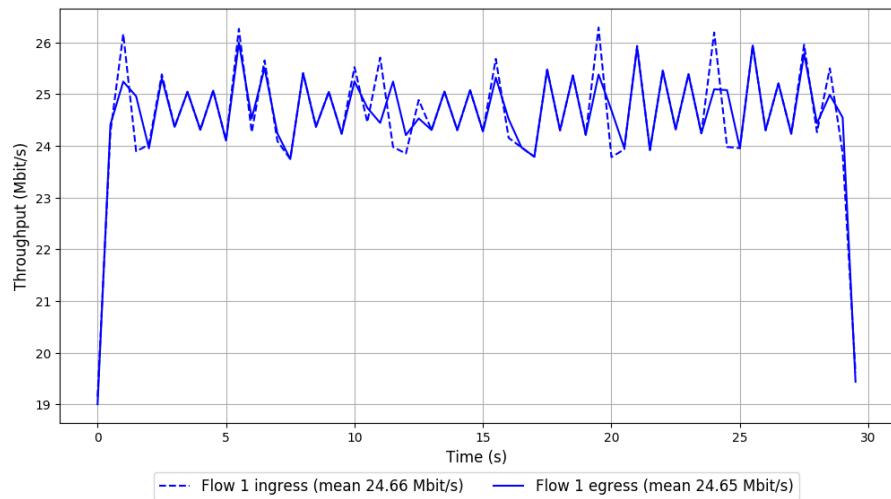


Run 1: Statistics of Sprout

```
Start at: 2017-08-16 22:36:58
End at: 2017-08-16 22:37:28
Local clock offset: -1.548 ms
Remote clock offset: -21.332 ms

# Below is generated by plot.py at 2017-08-17 04:01:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 5.132 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 5.132 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

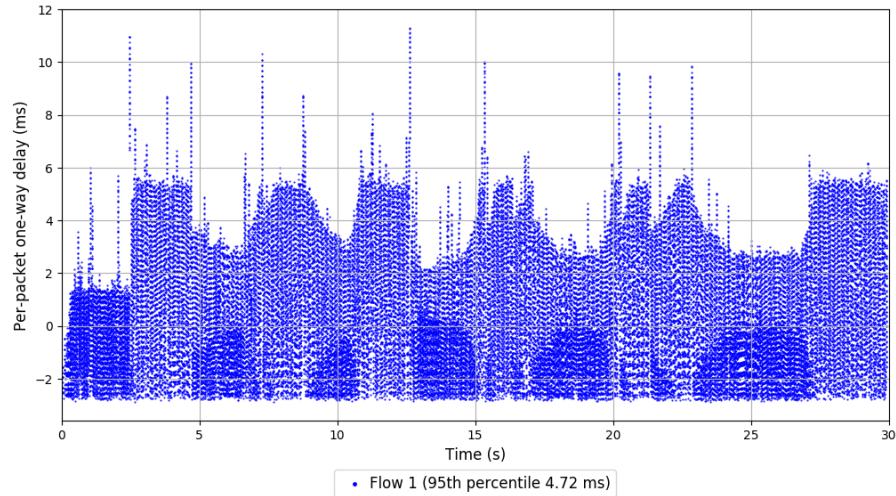
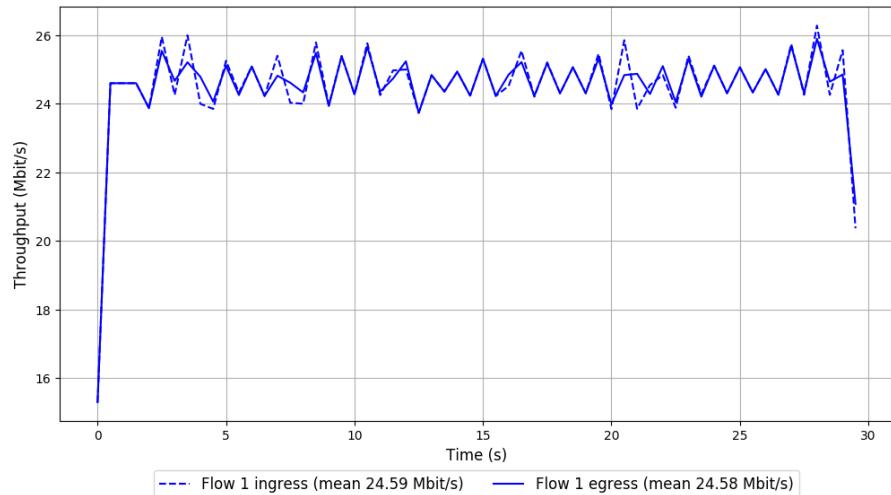


Run 2: Statistics of Sprout

```
Start at: 2017-08-16 22:55:23
End at: 2017-08-16 22:55:53
Local clock offset: -0.782 ms
Remote clock offset: -19.513 ms

# Below is generated by plot.py at 2017-08-17 04:01:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 4.724 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 4.724 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

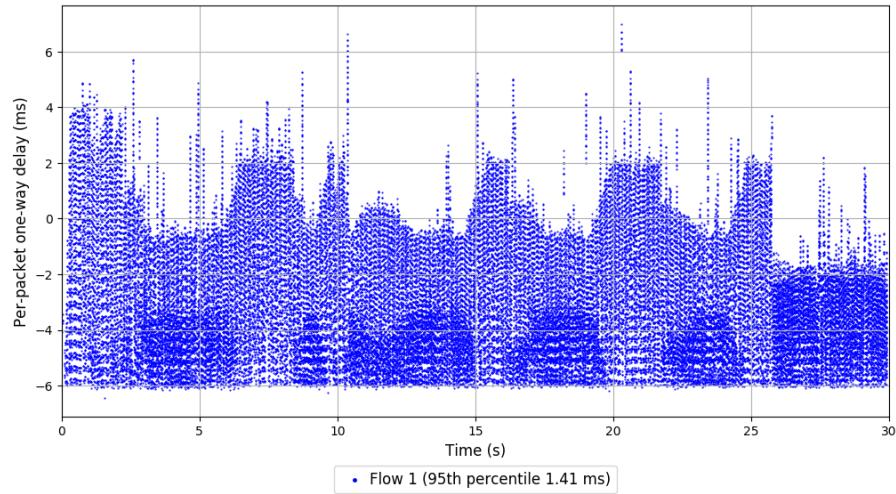
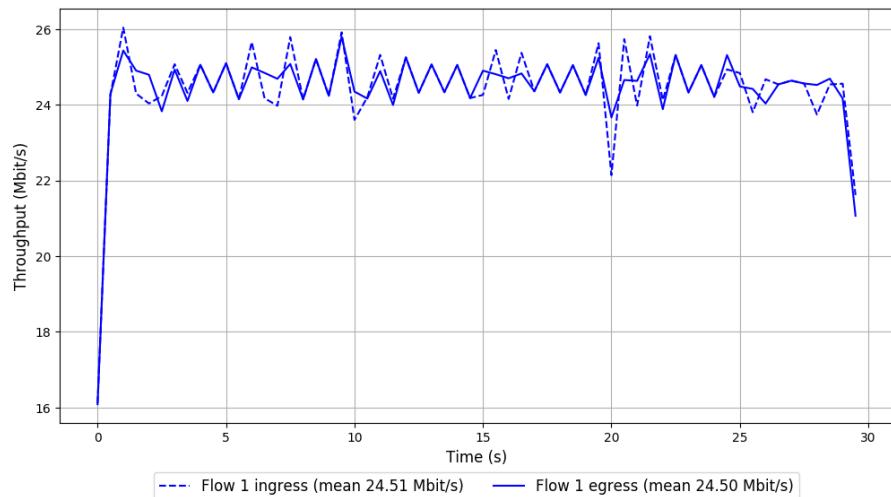


Run 3: Statistics of Sprout

```
Start at: 2017-08-16 23:14:25
End at: 2017-08-16 23:14:55
Local clock offset: 1.43 ms
Remote clock offset: -21.545 ms

# Below is generated by plot.py at 2017-08-17 04:01:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 1.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 1.405 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

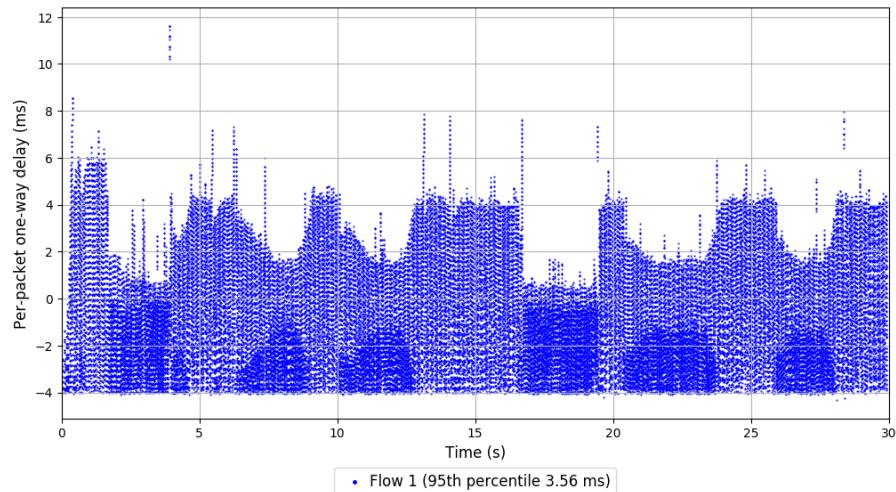
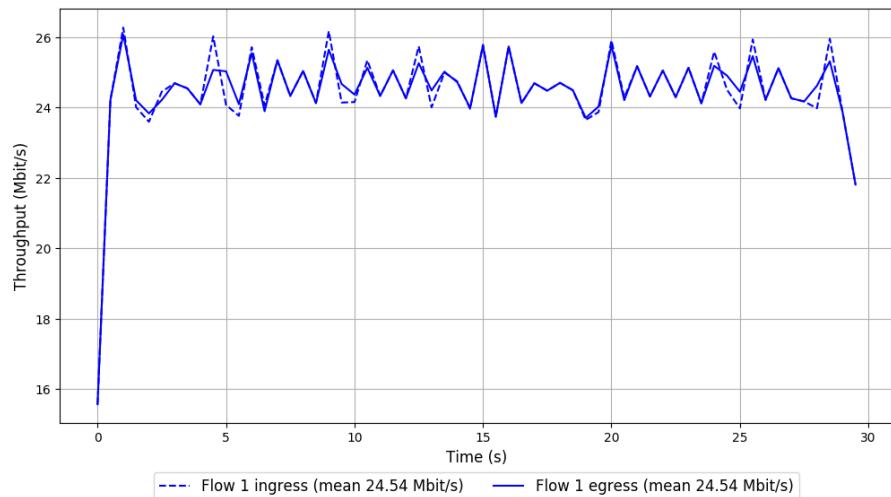


Run 4: Statistics of Sprout

```
Start at: 2017-08-16 23:32:52
End at: 2017-08-16 23:33:22
Local clock offset: -0.225 ms
Remote clock offset: -21.91 ms

# Below is generated by plot.py at 2017-08-17 04:01:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 3.562 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 3.562 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

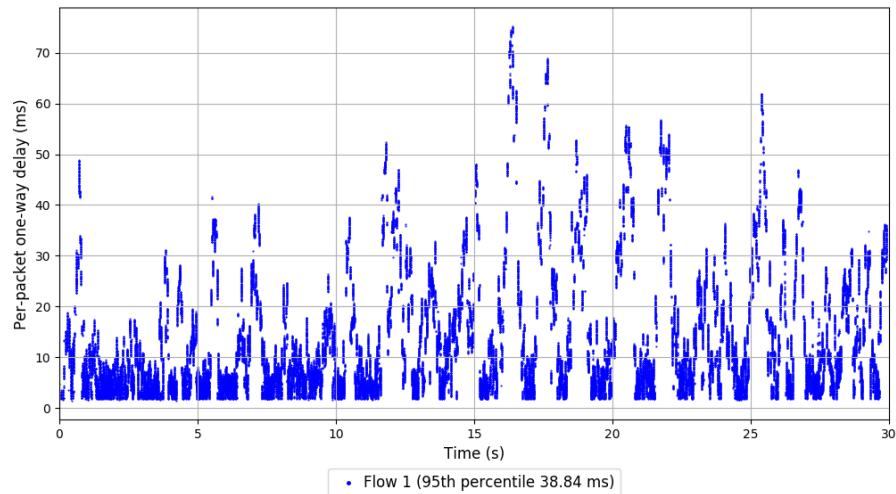
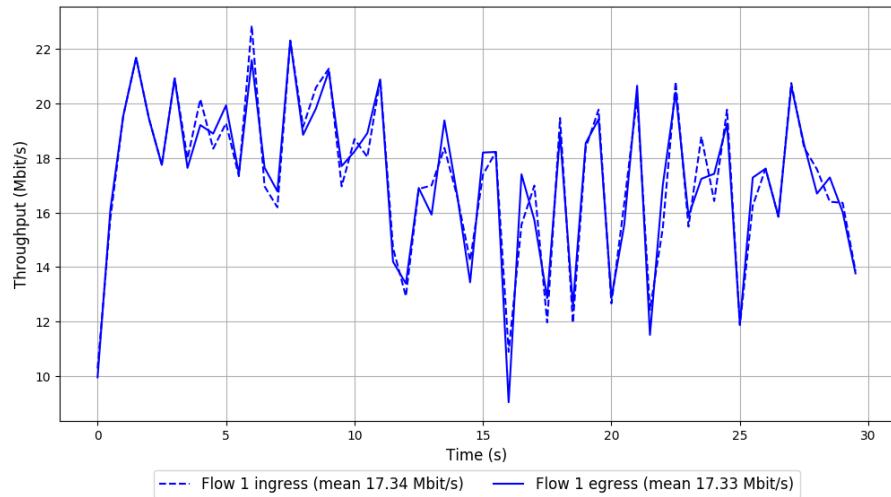


Run 5: Statistics of Sprout

```
Start at: 2017-08-16 23:58:52
End at: 2017-08-16 23:59:22
Local clock offset: 1.518 ms
Remote clock offset: -22.147 ms

# Below is generated by plot.py at 2017-08-17 04:01:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.33 Mbit/s
95th percentile per-packet one-way delay: 38.835 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 17.33 Mbit/s
95th percentile per-packet one-way delay: 38.835 ms
Loss rate: 0.04%
```

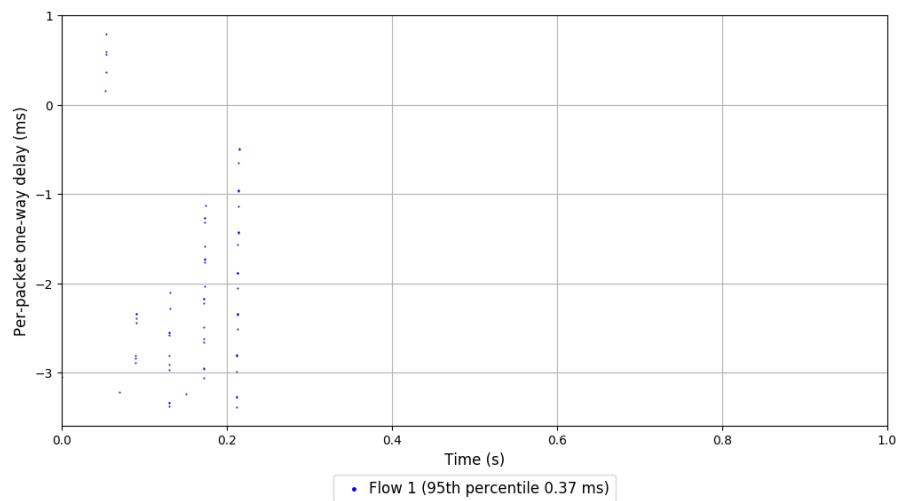
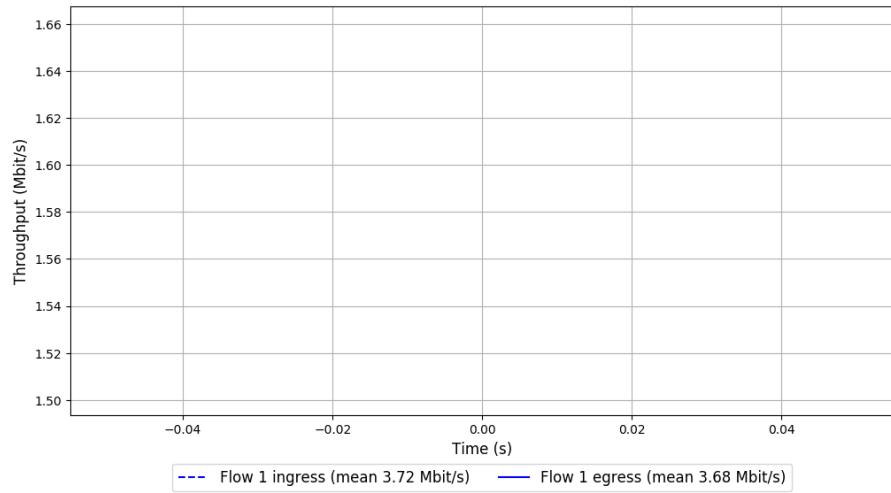
Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-08-17 00:31:11
End at: 2017-08-17 00:31:41
Local clock offset: -0.079 ms
Remote clock offset: -22.312 ms

Run 6: Report of Sprout — Data Link

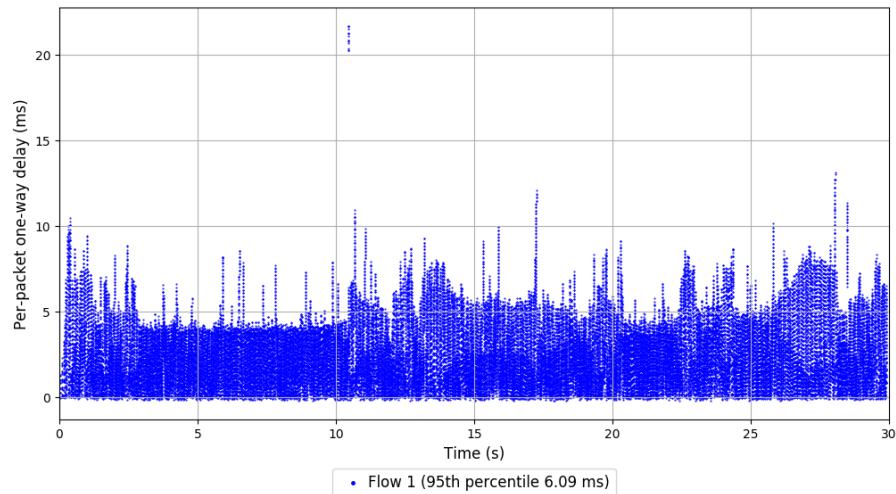
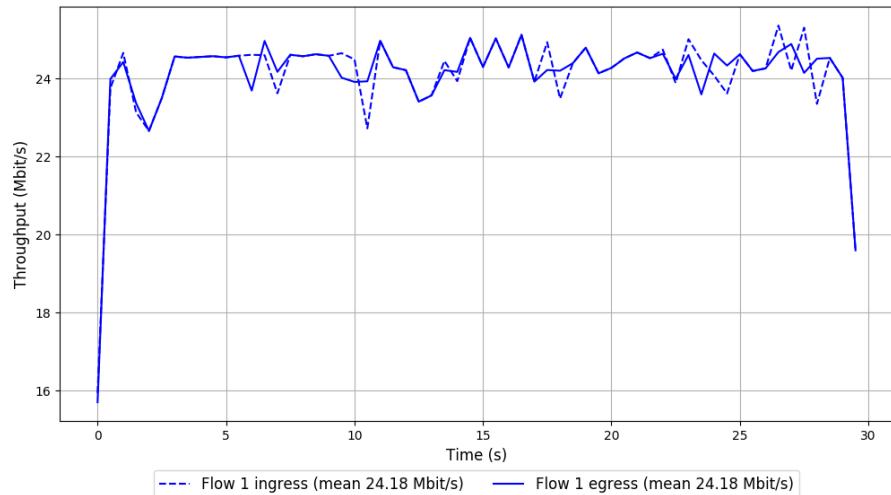


Run 7: Statistics of Sprout

```
Start at: 2017-08-17 01:00:36
End at: 2017-08-17 01:01:06
Local clock offset: -2.704 ms
Remote clock offset: -20.726 ms

# Below is generated by plot.py at 2017-08-17 04:01:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.18 Mbit/s
95th percentile per-packet one-way delay: 6.095 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.18 Mbit/s
95th percentile per-packet one-way delay: 6.095 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

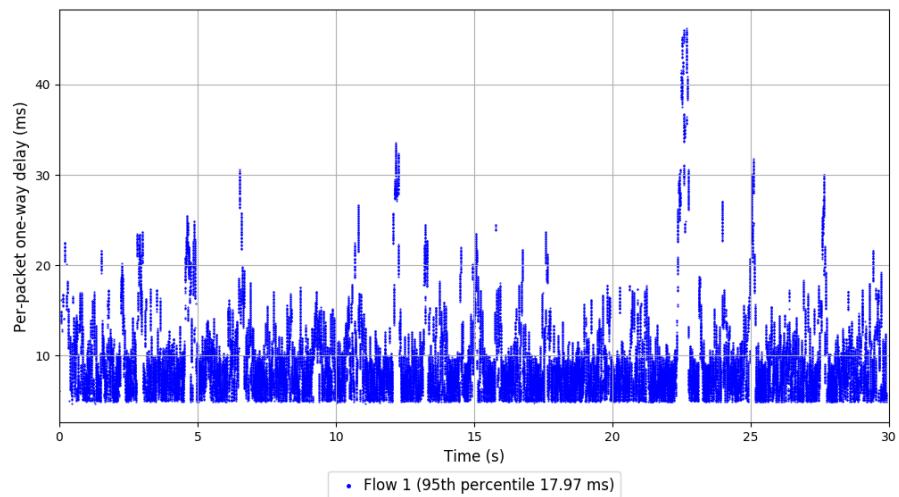
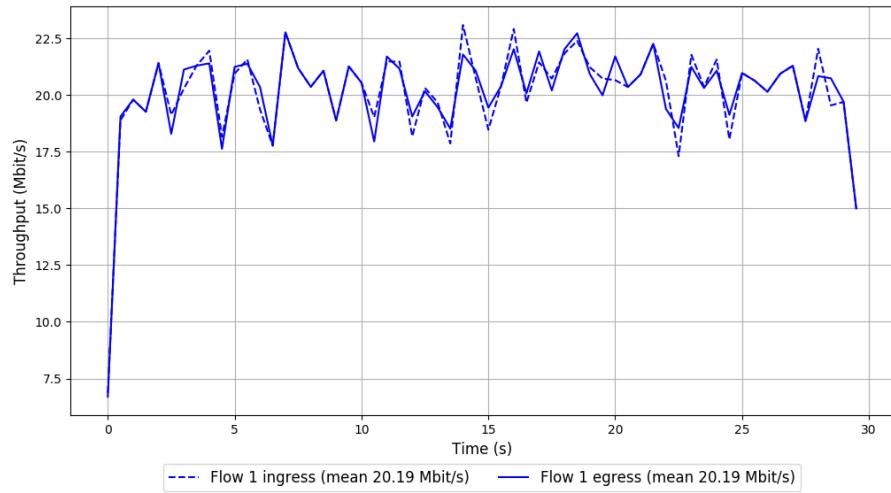


Run 8: Statistics of Sprout

```
Start at: 2017-08-17 01:46:55
End at: 2017-08-17 01:47:25
Local clock offset: -0.008 ms
Remote clock offset: -18.326 ms

# Below is generated by plot.py at 2017-08-17 04:01:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.19 Mbit/s
95th percentile per-packet one-way delay: 17.970 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.19 Mbit/s
95th percentile per-packet one-way delay: 17.970 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

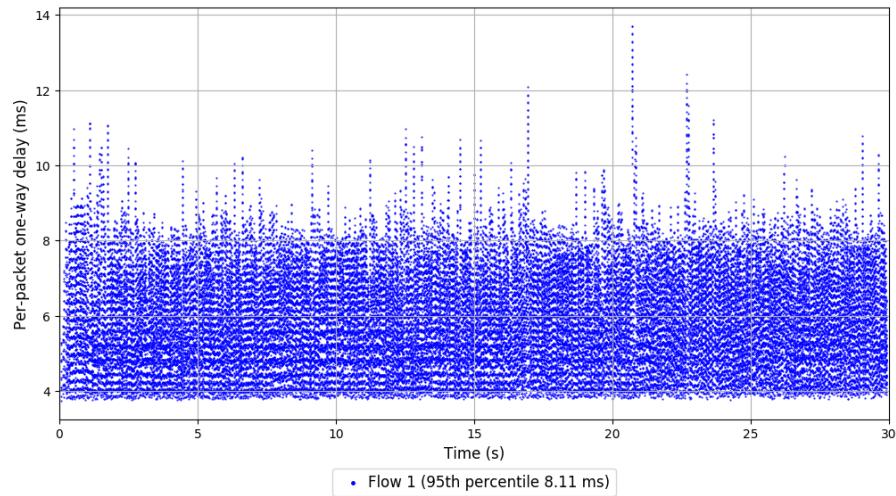
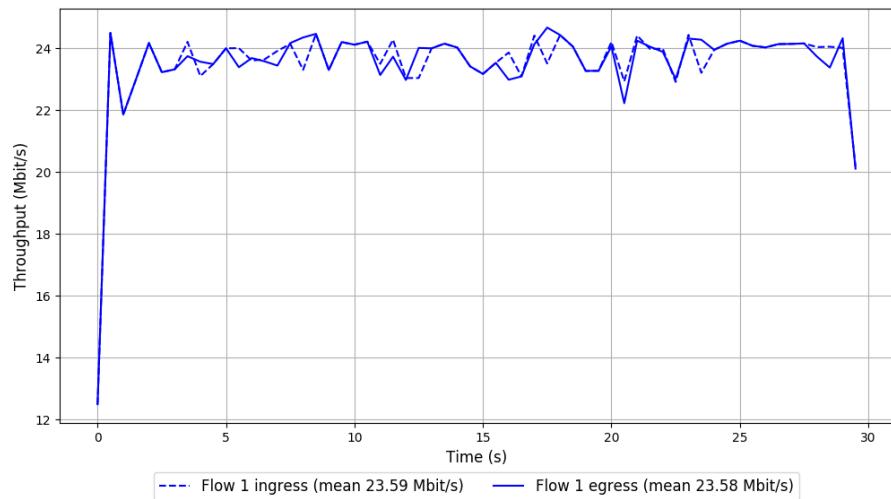


Run 9: Statistics of Sprout

```
Start at: 2017-08-17 02:17:28
End at: 2017-08-17 02:17:58
Local clock offset: 1.496 ms
Remote clock offset: -17.183 ms

# Below is generated by plot.py at 2017-08-17 04:01:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.58 Mbit/s
95th percentile per-packet one-way delay: 8.108 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 23.58 Mbit/s
95th percentile per-packet one-way delay: 8.108 ms
Loss rate: 0.05%
```

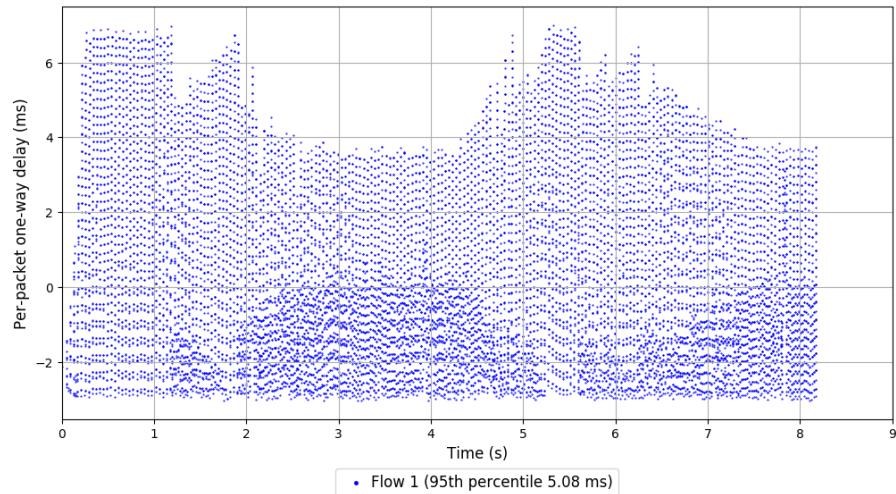
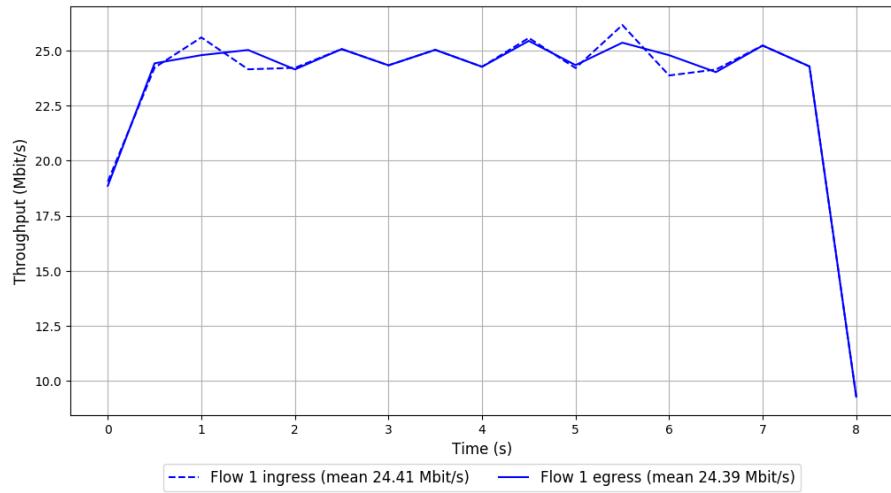
Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-08-17 03:15:11
End at: 2017-08-17 03:15:41
Local clock offset: 2.15 ms
Remote clock offset: -20.375 ms

Run 10: Report of Sprout — Data Link

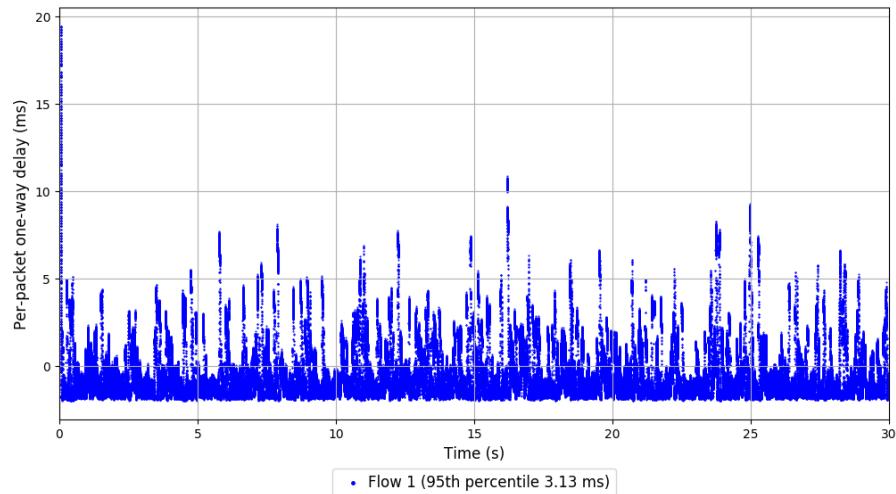
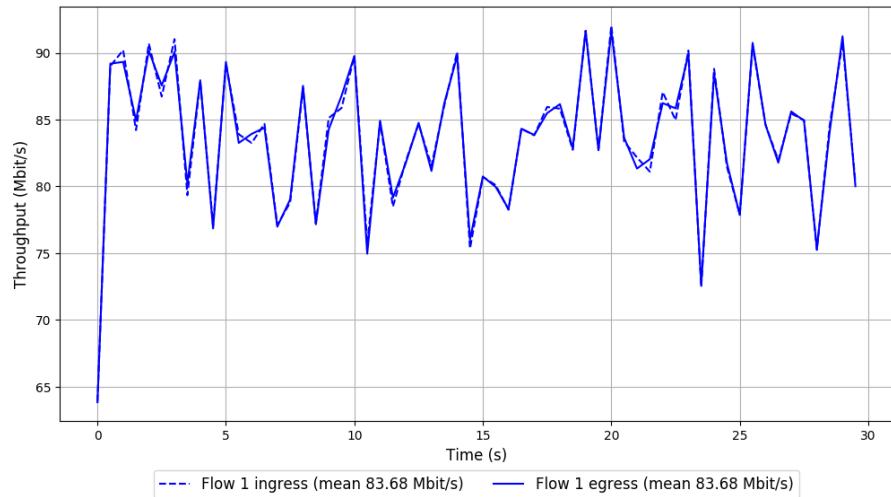


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-08-16 22:33:24
End at: 2017-08-16 22:33:54
Local clock offset: -1.297 ms
Remote clock offset: -20.329 ms

# Below is generated by plot.py at 2017-08-17 04:02:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.68 Mbit/s
95th percentile per-packet one-way delay: 3.132 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.68 Mbit/s
95th percentile per-packet one-way delay: 3.132 ms
Loss rate: 0.00%
```

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

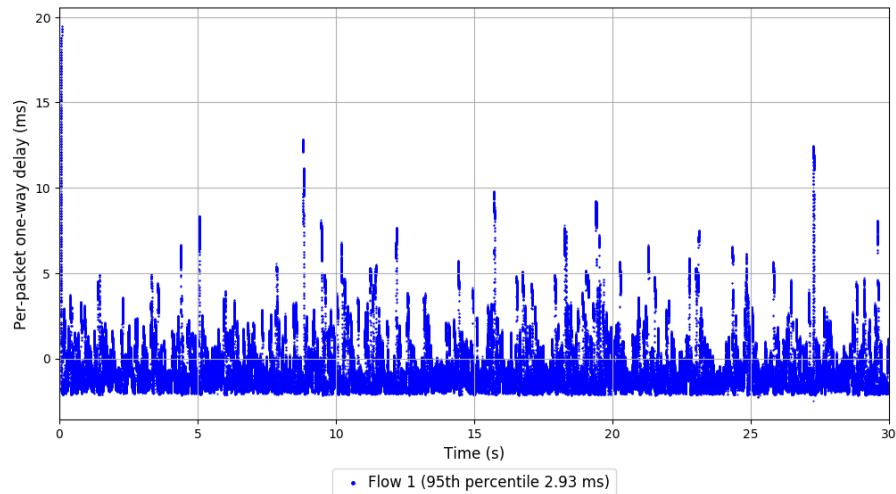
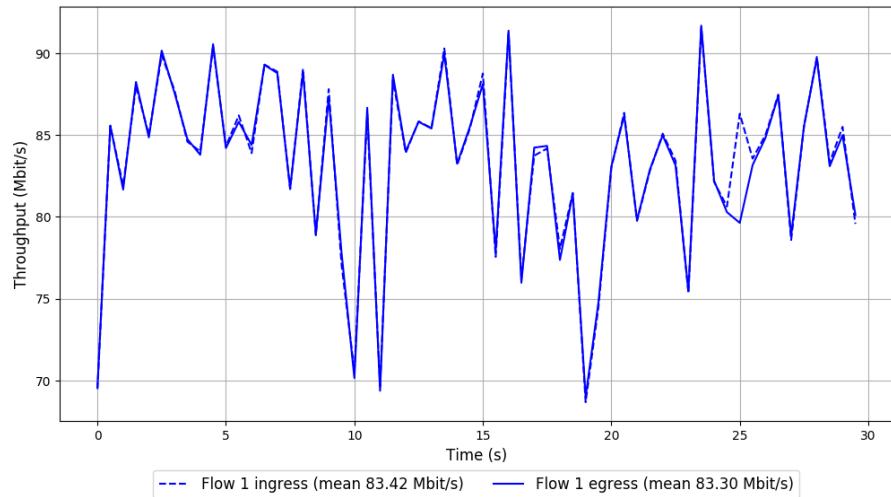


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-08-16 22:51:41
End at: 2017-08-16 22:52:11
Local clock offset: -1.686 ms
Remote clock offset: -20.356 ms

# Below is generated by plot.py at 2017-08-17 04:02:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.30 Mbit/s
95th percentile per-packet one-way delay: 2.932 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 83.30 Mbit/s
95th percentile per-packet one-way delay: 2.932 ms
Loss rate: 0.15%
```

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

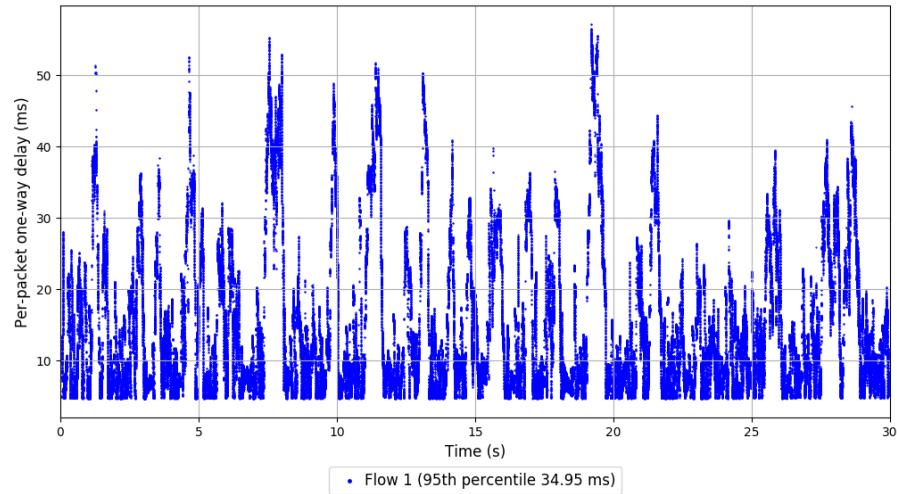
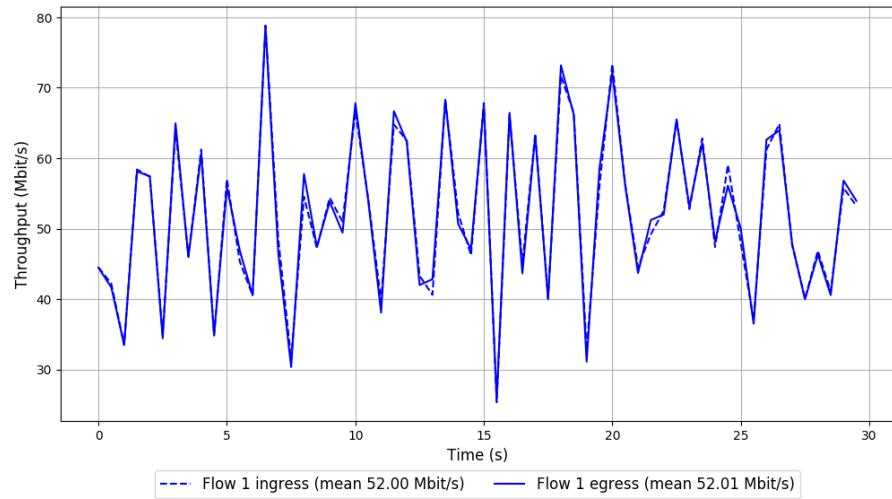


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-08-16 23:10:36
End at: 2017-08-16 23:11:06
Local clock offset: -3.6 ms
Remote clock offset: -22.357 ms

# Below is generated by plot.py at 2017-08-17 04:02:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.01 Mbit/s
95th percentile per-packet one-way delay: 34.947 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 52.01 Mbit/s
95th percentile per-packet one-way delay: 34.947 ms
Loss rate: 0.03%
```

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

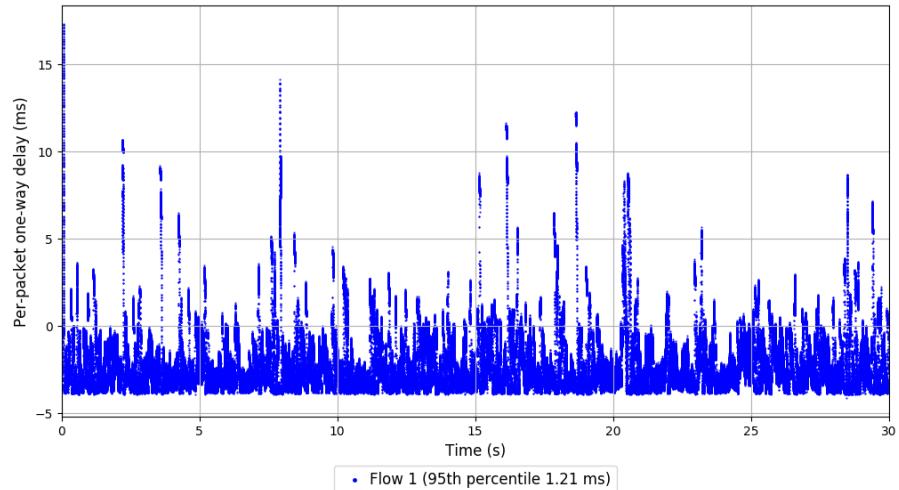
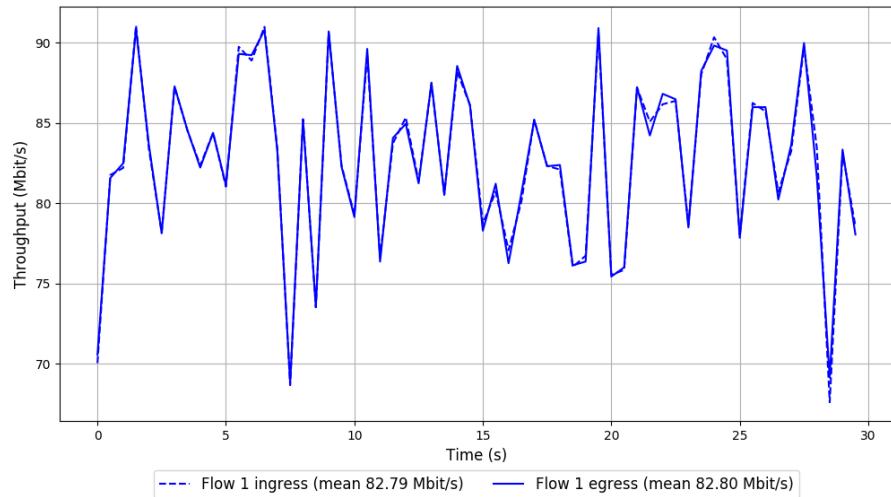


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-08-16 23:29:11
End at: 2017-08-16 23:29:41
Local clock offset: 0.78 ms
Remote clock offset: -20.377 ms

# Below is generated by plot.py at 2017-08-17 04:02:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.80 Mbit/s
95th percentile per-packet one-way delay: 1.209 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.80 Mbit/s
95th percentile per-packet one-way delay: 1.209 ms
Loss rate: 0.00%
```

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

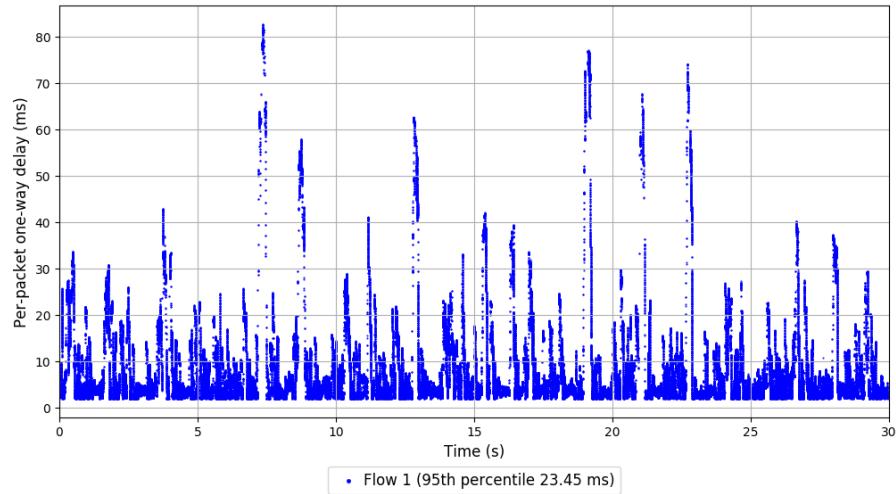
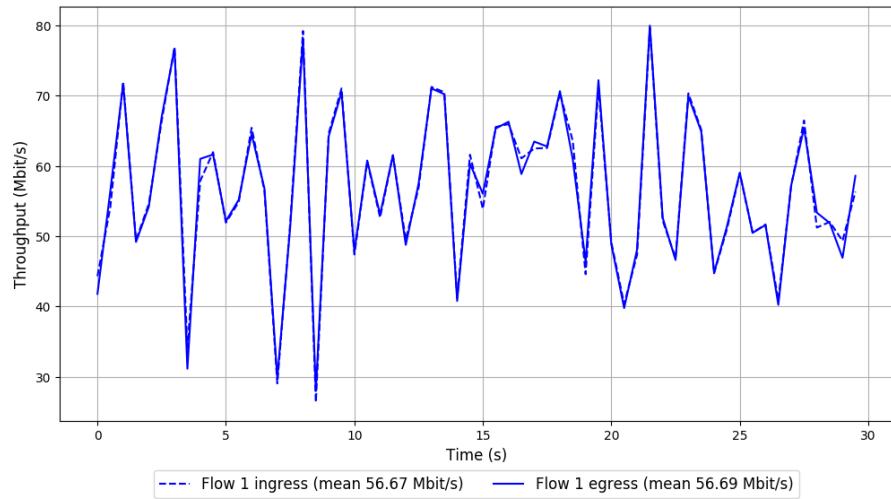


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-08-16 23:53:01
End at: 2017-08-16 23:53:32
Local clock offset: 1.652 ms
Remote clock offset: -21.569 ms

# Below is generated by plot.py at 2017-08-17 04:02:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.69 Mbit/s
95th percentile per-packet one-way delay: 23.449 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.69 Mbit/s
95th percentile per-packet one-way delay: 23.449 ms
Loss rate: 0.01%
```

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

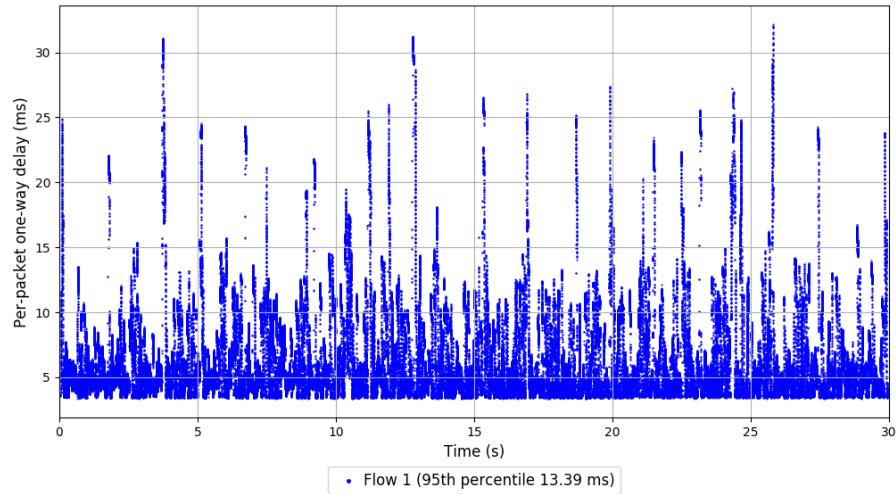
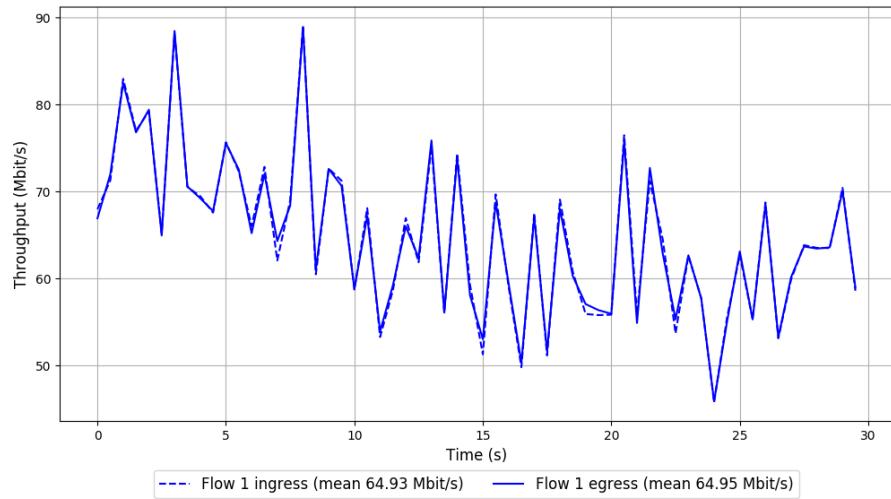


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-08-17 00:24:45
End at: 2017-08-17 00:25:15
Local clock offset: -1.026 ms
Remote clock offset: -23.06 ms

# Below is generated by plot.py at 2017-08-17 04:02:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.95 Mbit/s
95th percentile per-packet one-way delay: 13.394 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 64.95 Mbit/s
95th percentile per-packet one-way delay: 13.394 ms
Loss rate: 0.01%
```

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

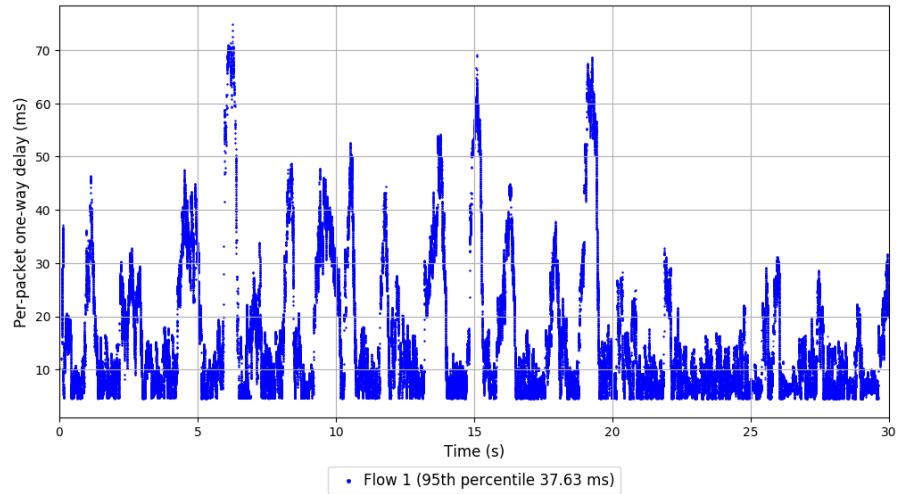
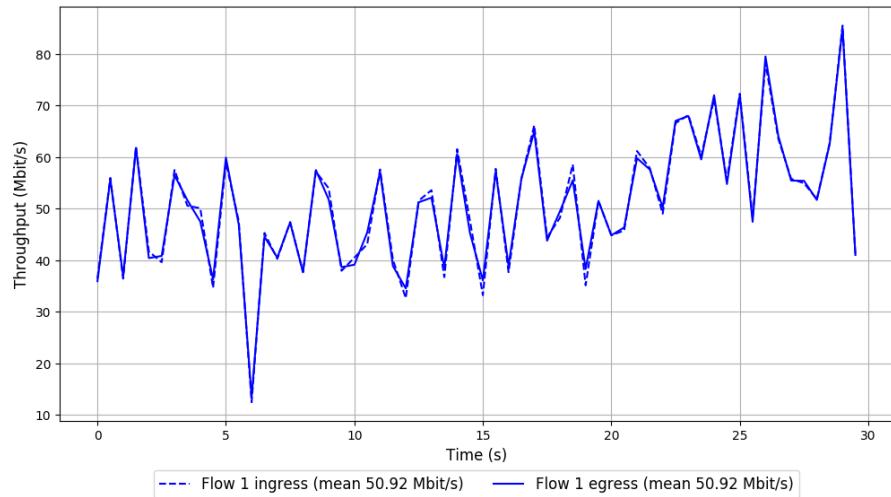


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-08-17 00:55:02
End at: 2017-08-17 00:55:32
Local clock offset: -1.098 ms
Remote clock offset: -21.943 ms

# Below is generated by plot.py at 2017-08-17 04:02:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.92 Mbit/s
95th percentile per-packet one-way delay: 37.631 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 50.92 Mbit/s
95th percentile per-packet one-way delay: 37.631 ms
Loss rate: 0.04%
```

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

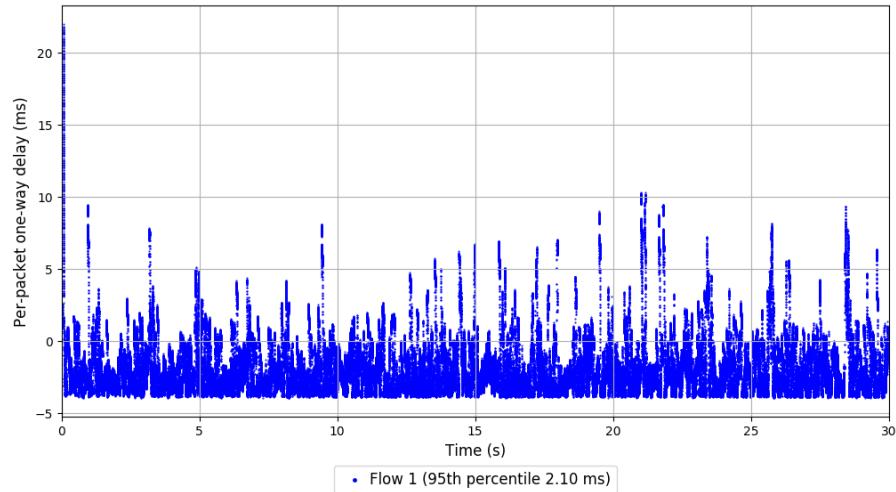
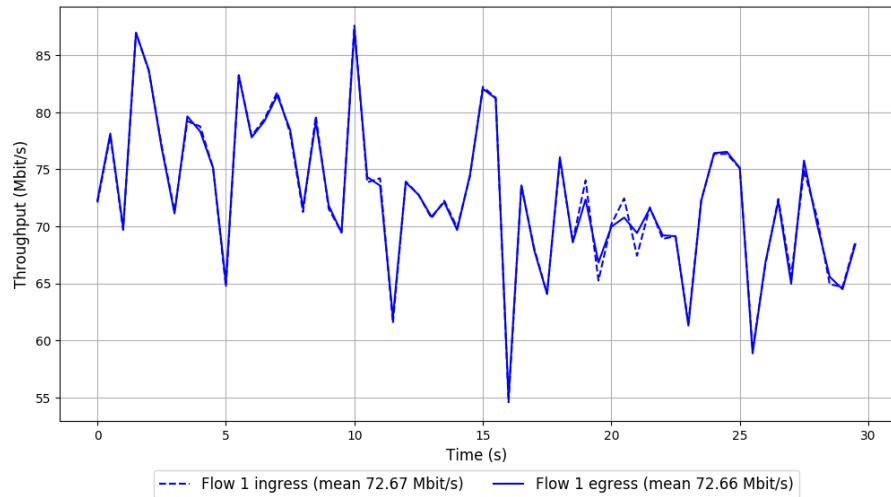


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-08-17 01:33:10
End at: 2017-08-17 01:33:40
Local clock offset: 2.081 ms
Remote clock offset: -17.812 ms

# Below is generated by plot.py at 2017-08-17 04:03:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.66 Mbit/s
95th percentile per-packet one-way delay: 2.096 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.66 Mbit/s
95th percentile per-packet one-way delay: 2.096 ms
Loss rate: 0.00%
```

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

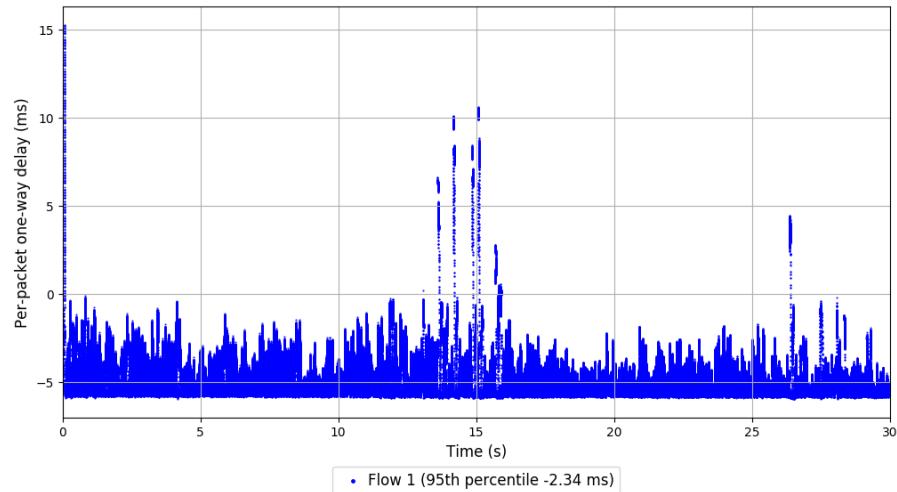
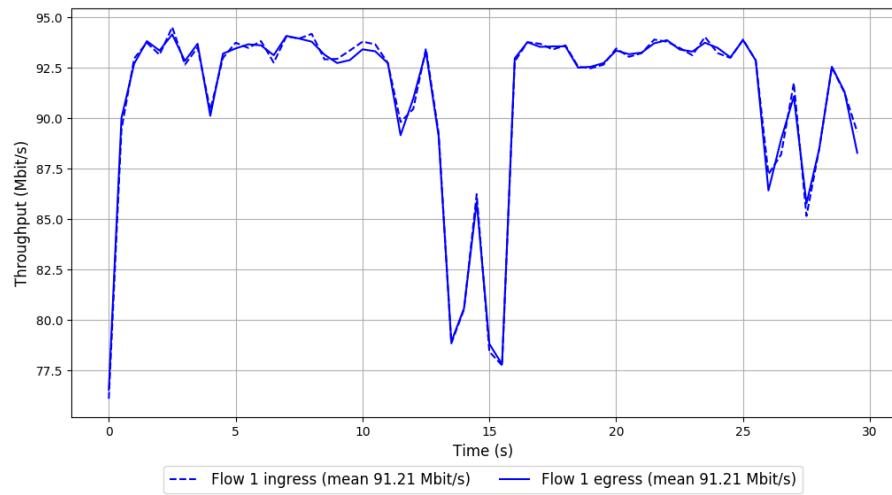


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-08-17 02:12:34
End at: 2017-08-17 02:13:04
Local clock offset: 2.733 ms
Remote clock offset: -18.14 ms

# Below is generated by plot.py at 2017-08-17 04:03:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.21 Mbit/s
95th percentile per-packet one-way delay: -2.340 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 91.21 Mbit/s
95th percentile per-packet one-way delay: -2.340 ms
Loss rate: 0.03%
```

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

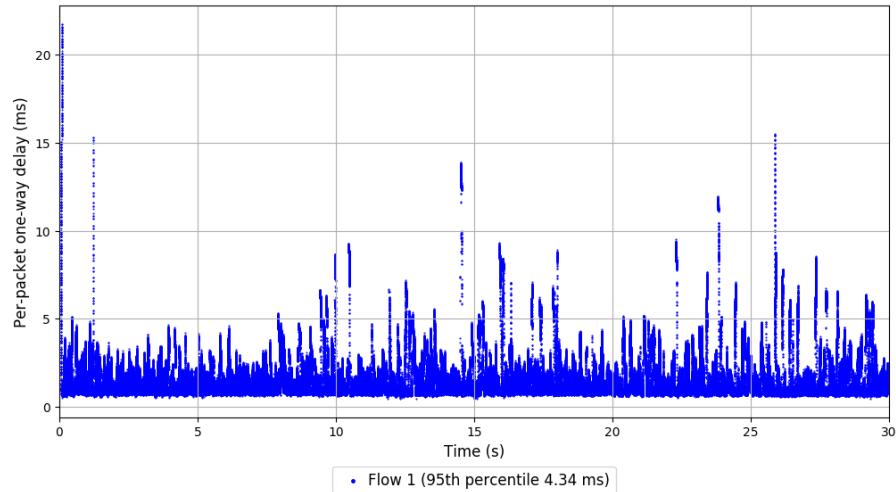
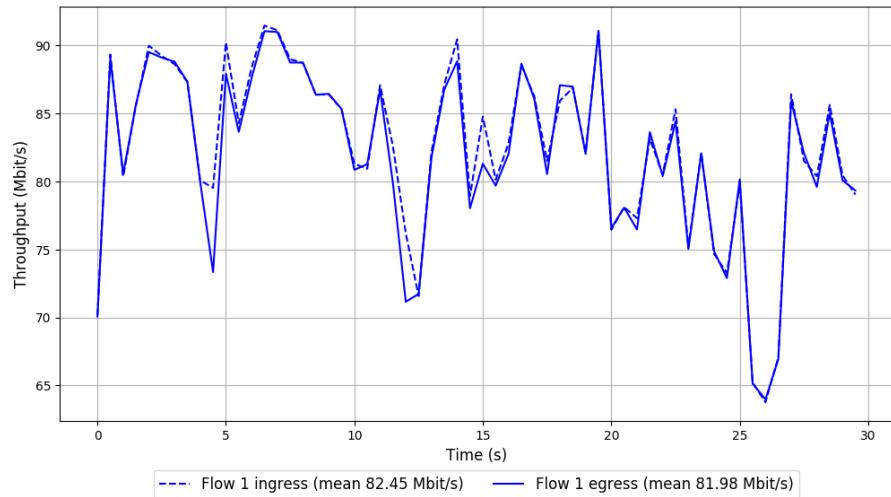


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-08-17 03:06:45
End at: 2017-08-17 03:07:15
Local clock offset: 0.879 ms
Remote clock offset: -21.106 ms

# Below is generated by plot.py at 2017-08-17 04:03:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.98 Mbit/s
95th percentile per-packet one-way delay: 4.343 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 81.98 Mbit/s
95th percentile per-packet one-way delay: 4.343 ms
Loss rate: 0.60%
```

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

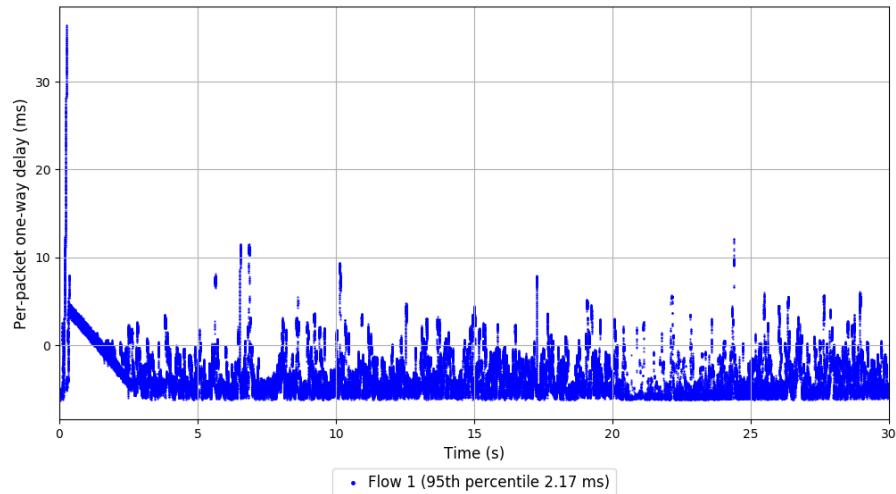
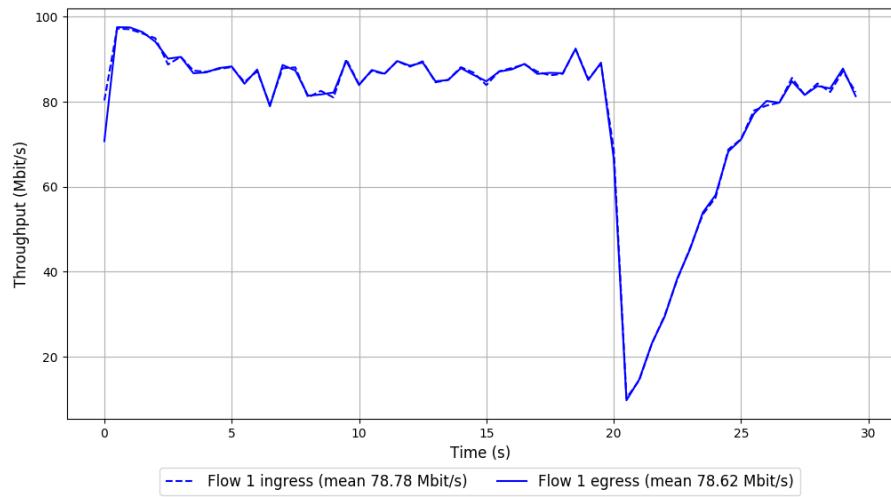


Run 1: Statistics of TCP Vegas

```
Start at: 2017-08-16 22:35:47
End at: 2017-08-16 22:36:17
Local clock offset: 2.058 ms
Remote clock offset: -21.668 ms

# Below is generated by plot.py at 2017-08-17 04:03:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.62 Mbit/s
95th percentile per-packet one-way delay: 2.169 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 78.62 Mbit/s
95th percentile per-packet one-way delay: 2.169 ms
Loss rate: 0.23%
```

Run 1: Report of TCP Vegas — Data Link

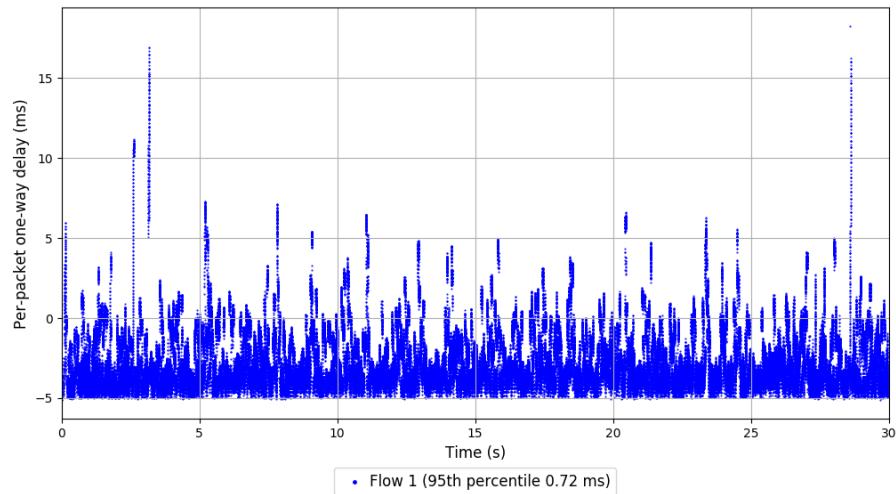
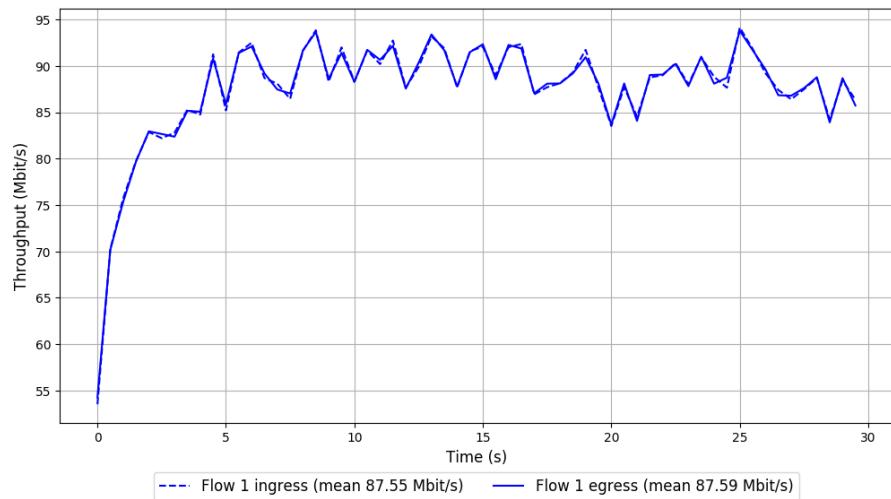


Run 2: Statistics of TCP Vegas

```
Start at: 2017-08-16 22:54:08
End at: 2017-08-16 22:54:38
Local clock offset: -0.032 ms
Remote clock offset: -21.368 ms

# Below is generated by plot.py at 2017-08-17 04:03:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.59 Mbit/s
95th percentile per-packet one-way delay: 0.718 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.59 Mbit/s
95th percentile per-packet one-way delay: 0.718 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

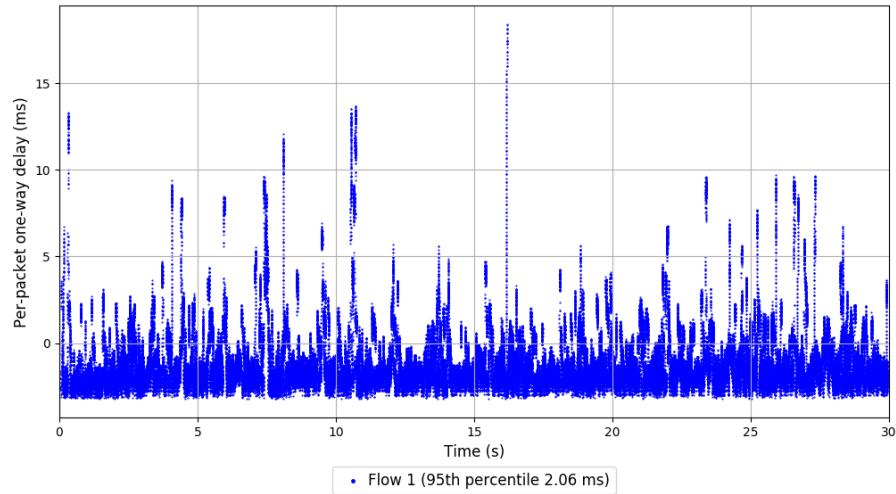
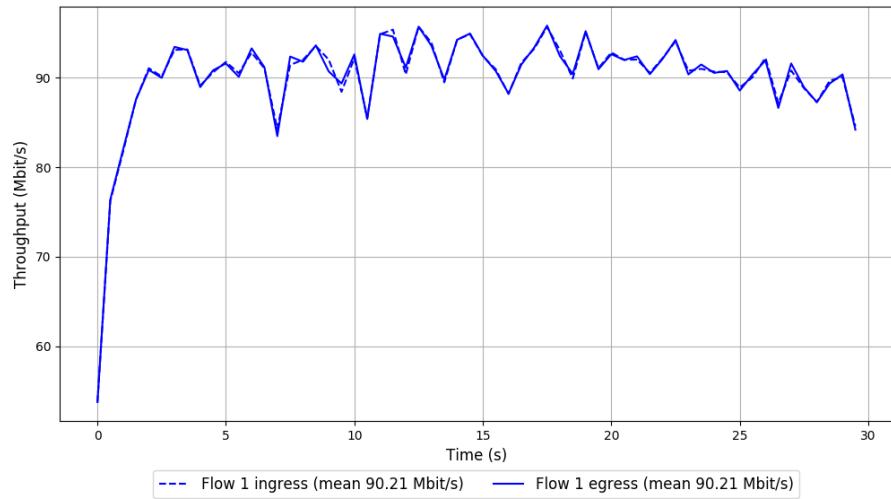


Run 3: Statistics of TCP Vegas

```
Start at: 2017-08-16 23:13:05
End at: 2017-08-16 23:13:35
Local clock offset: -0.045 ms
Remote clock offset: -19.631 ms

# Below is generated by plot.py at 2017-08-17 04:03:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.21 Mbit/s
95th percentile per-packet one-way delay: 2.055 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.21 Mbit/s
95th percentile per-packet one-way delay: 2.055 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

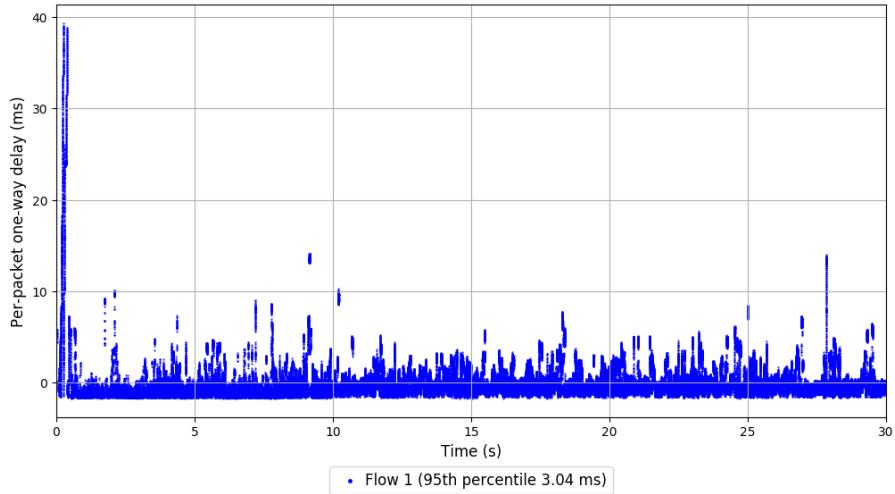
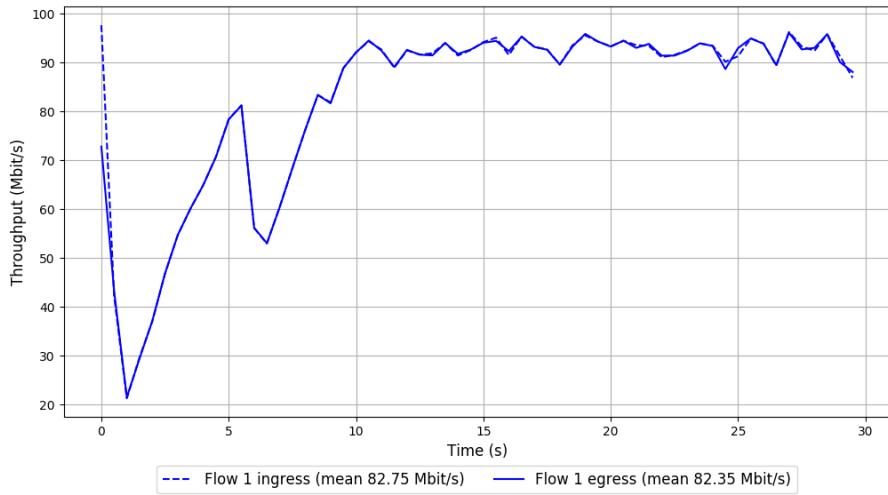


Run 4: Statistics of TCP Vegas

```
Start at: 2017-08-16 23:31:35
End at: 2017-08-16 23:32:05
Local clock offset: -3.134 ms
Remote clock offset: -22.06 ms

# Below is generated by plot.py at 2017-08-17 04:03:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.35 Mbit/s
95th percentile per-packet one-way delay: 3.039 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 82.35 Mbit/s
95th percentile per-packet one-way delay: 3.039 ms
Loss rate: 0.48%
```

Run 4: Report of TCP Vegas — Data Link

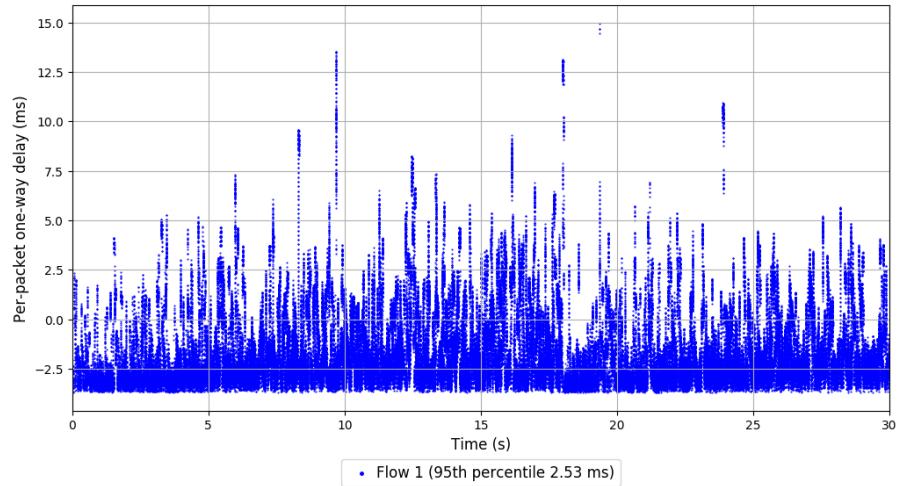
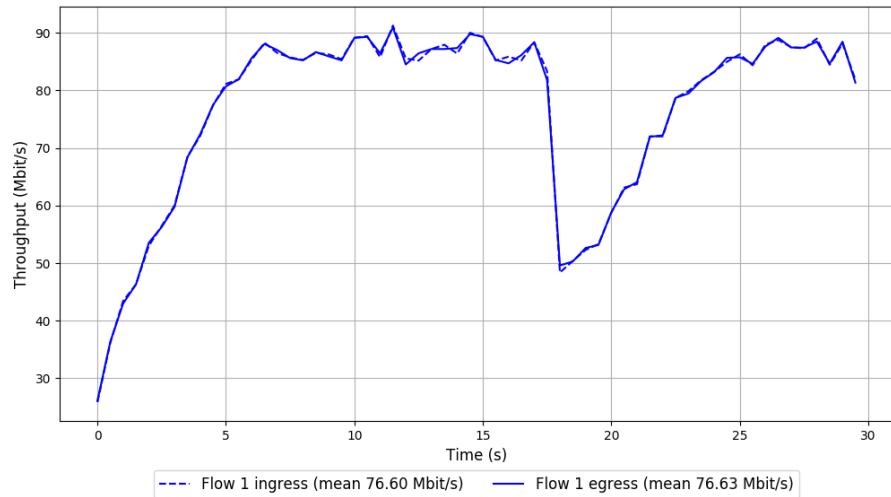


Run 5: Statistics of TCP Vegas

```
Start at: 2017-08-16 23:57:12
End at: 2017-08-16 23:57:42
Local clock offset: -1.136 ms
Remote clock offset: -22.808 ms

# Below is generated by plot.py at 2017-08-17 04:03:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.63 Mbit/s
95th percentile per-packet one-way delay: 2.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.63 Mbit/s
95th percentile per-packet one-way delay: 2.533 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

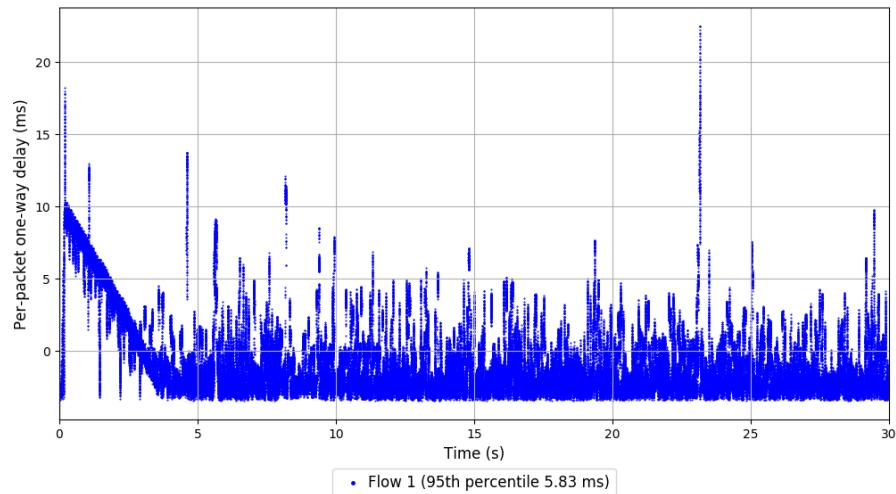
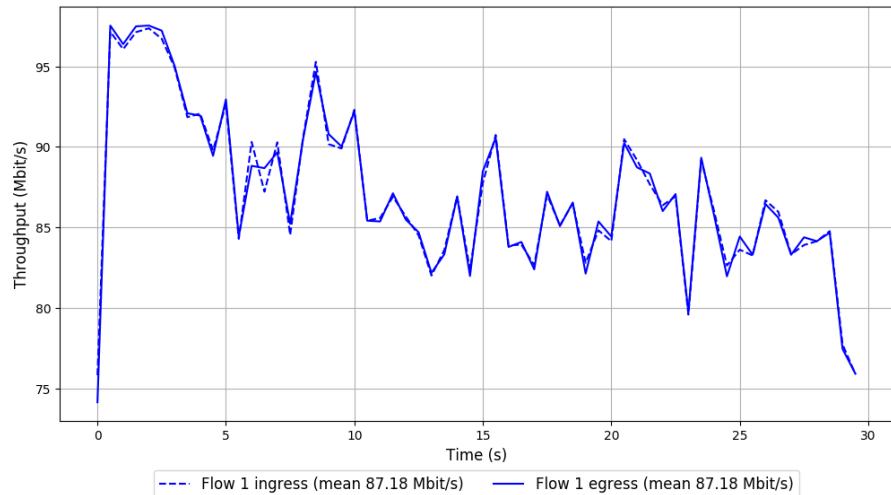


Run 6: Statistics of TCP Vegas

```
Start at: 2017-08-17 00:28:38
End at: 2017-08-17 00:29:08
Local clock offset: -0.642 ms
Remote clock offset: -22.309 ms

# Below is generated by plot.py at 2017-08-17 04:04:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 5.830 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 5.830 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Vegas — Data Link

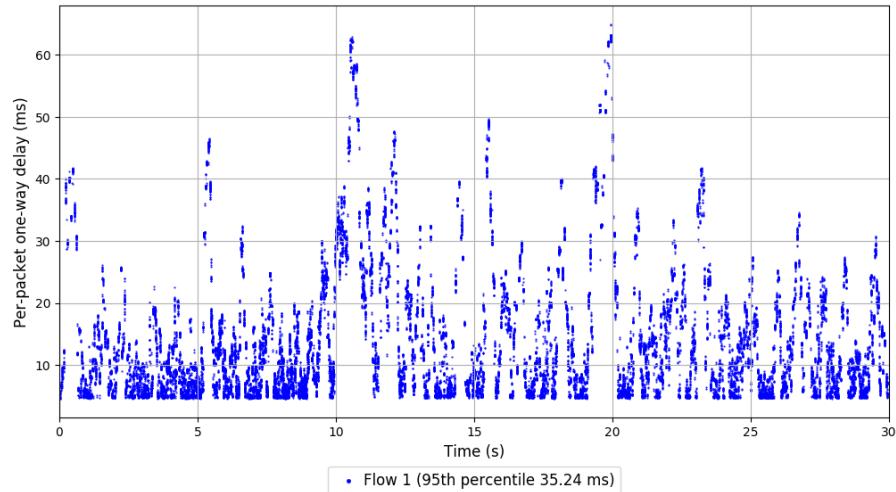
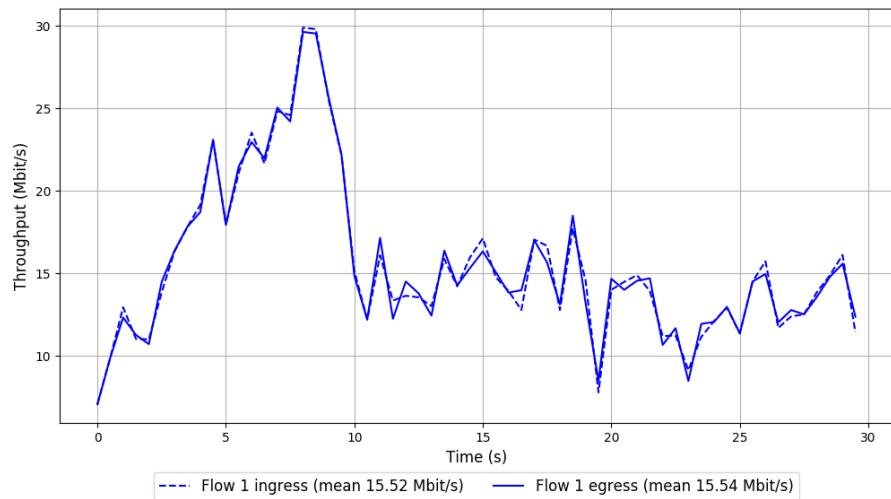


Run 7: Statistics of TCP Vegas

```
Start at: 2017-08-17 00:59:18
End at: 2017-08-17 00:59:48
Local clock offset: -0.723 ms
Remote clock offset: -21.038 ms

# Below is generated by plot.py at 2017-08-17 04:04:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.54 Mbit/s
95th percentile per-packet one-way delay: 35.243 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.54 Mbit/s
95th percentile per-packet one-way delay: 35.243 ms
Loss rate: 0.00%
```

Run 7: Report of TCP Vegas — Data Link

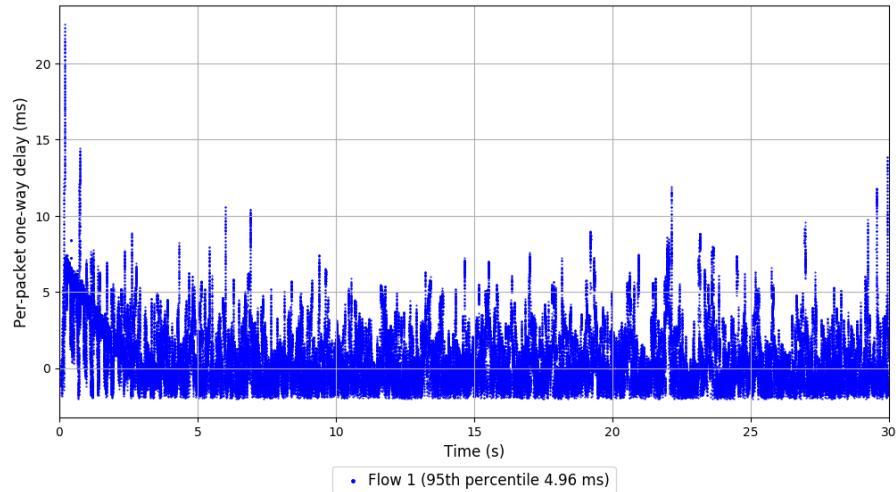
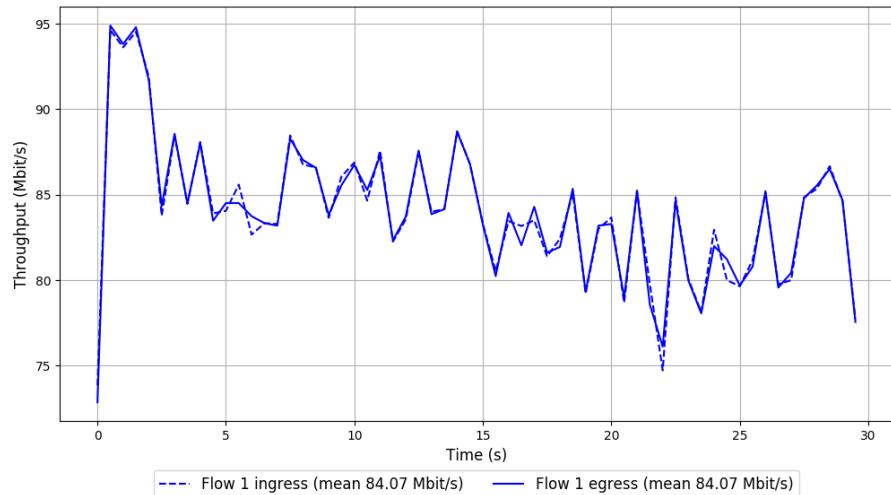


Run 8: Statistics of TCP Vegas

```
Start at: 2017-08-17 01:39:31
End at: 2017-08-17 01:40:01
Local clock offset: -0.034 ms
Remote clock offset: -17.985 ms

# Below is generated by plot.py at 2017-08-17 04:04:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.07 Mbit/s
95th percentile per-packet one-way delay: 4.959 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.07 Mbit/s
95th percentile per-packet one-way delay: 4.959 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

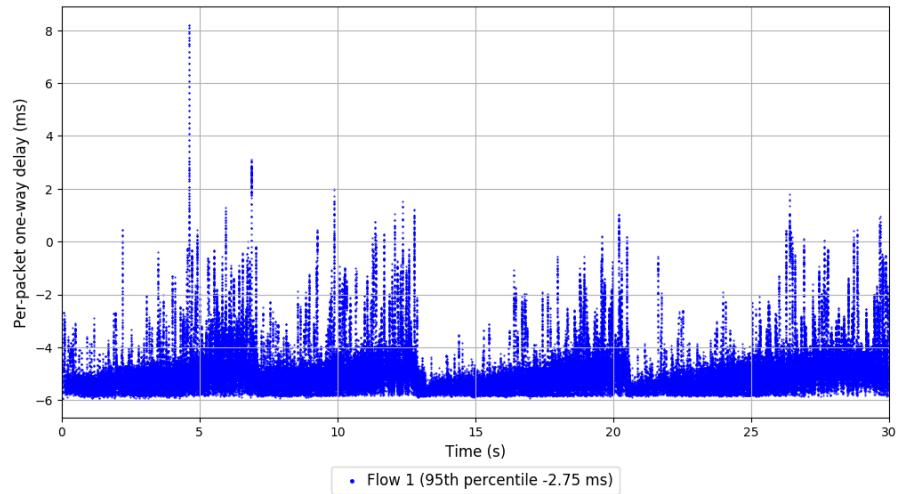
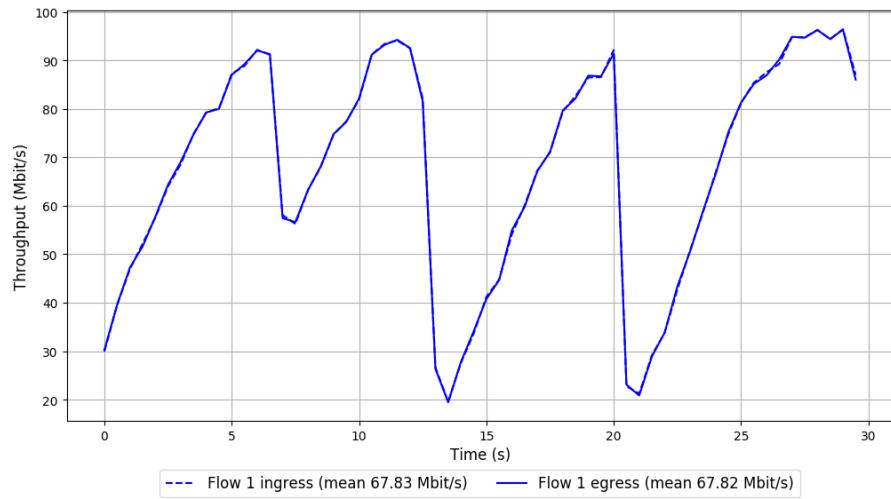


Run 9: Statistics of TCP Vegas

```
Start at: 2017-08-17 02:15:27
End at: 2017-08-17 02:15:58
Local clock offset: 2.377 ms
Remote clock offset: -18.417 ms

# Below is generated by plot.py at 2017-08-17 04:04:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.82 Mbit/s
95th percentile per-packet one-way delay: -2.748 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 67.82 Mbit/s
95th percentile per-packet one-way delay: -2.748 ms
Loss rate: 0.01%
```

Run 9: Report of TCP Vegas — Data Link

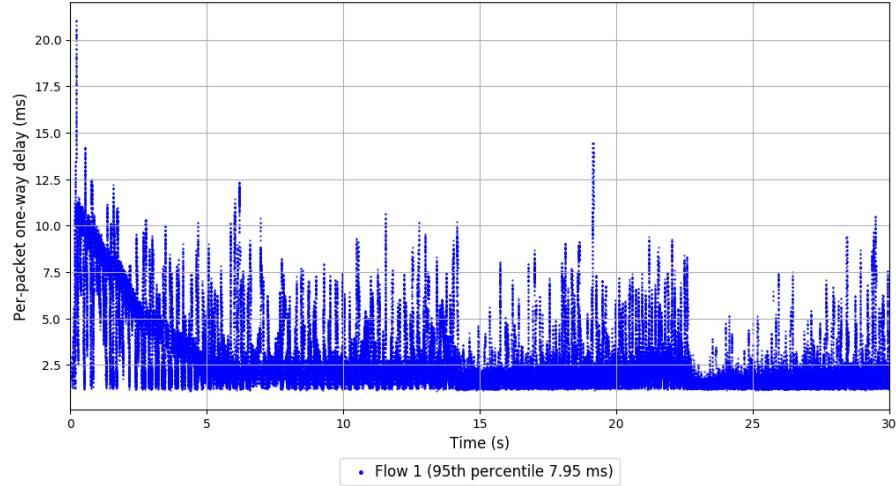
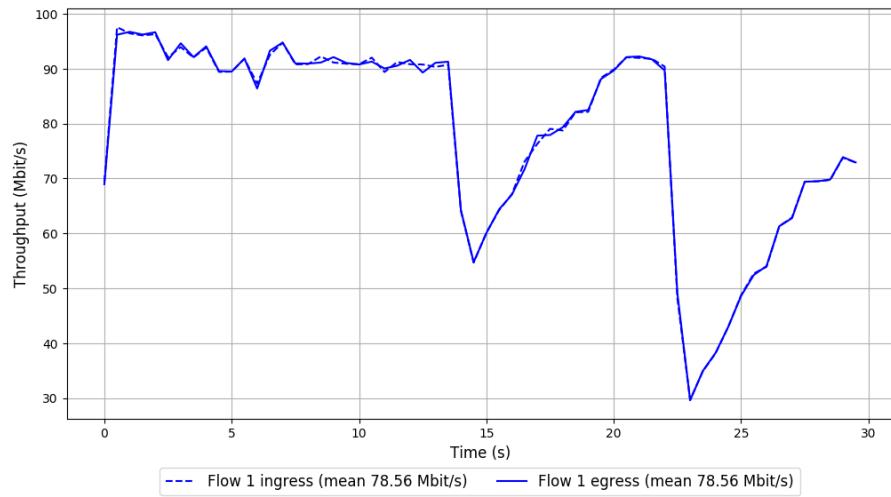


Run 10: Statistics of TCP Vegas

```
Start at: 2017-08-17 03:12:31
End at: 2017-08-17 03:13:01
Local clock offset: 1.1 ms
Remote clock offset: -20.47 ms

# Below is generated by plot.py at 2017-08-17 04:04:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.56 Mbit/s
95th percentile per-packet one-way delay: 7.954 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 78.56 Mbit/s
95th percentile per-packet one-way delay: 7.954 ms
Loss rate: 0.01%
```

Run 10: Report of TCP Vegas — Data Link

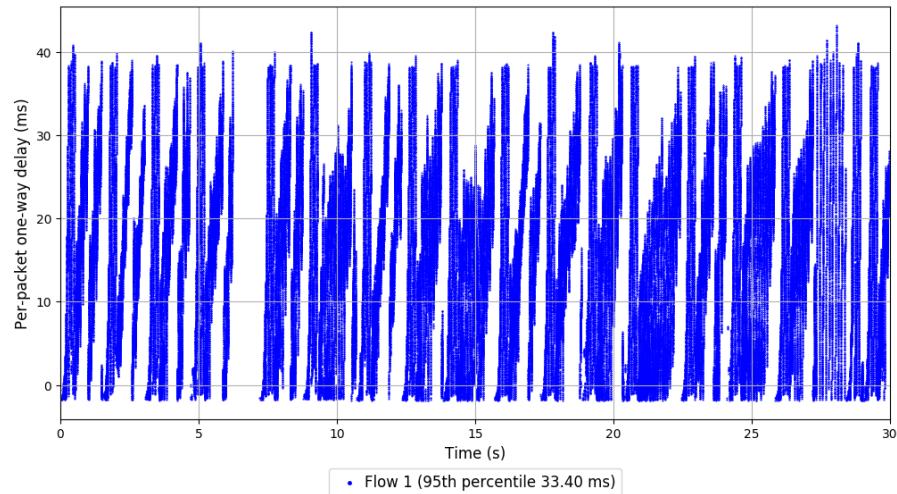
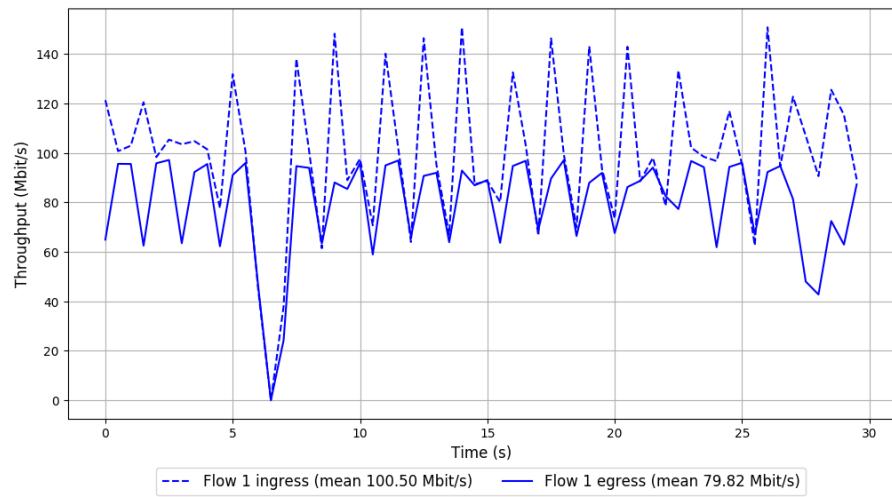


Run 1: Statistics of Verus

```
Start at: 2017-08-16 22:30:55
End at: 2017-08-16 22:31:25
Local clock offset: -2.062 ms
Remote clock offset: -20.84 ms

# Below is generated by plot.py at 2017-08-17 04:04:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.82 Mbit/s
95th percentile per-packet one-way delay: 33.399 ms
Loss rate: 20.53%
-- Flow 1:
Average throughput: 79.82 Mbit/s
95th percentile per-packet one-way delay: 33.399 ms
Loss rate: 20.53%
```

Run 1: Report of Verus — Data Link

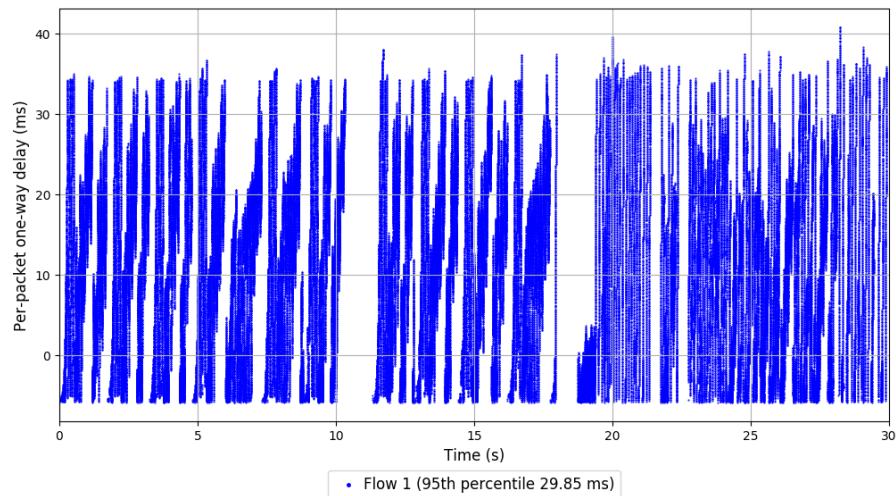
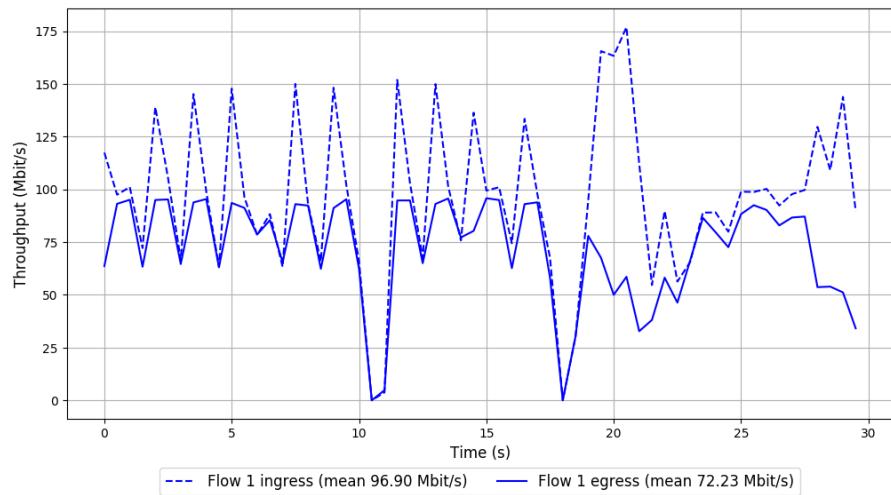


Run 2: Statistics of Verus

```
Start at: 2017-08-16 22:49:12
End at: 2017-08-16 22:49:42
Local clock offset: 1.389 ms
Remote clock offset: -20.857 ms

# Below is generated by plot.py at 2017-08-17 04:04:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.23 Mbit/s
95th percentile per-packet one-way delay: 29.851 ms
Loss rate: 25.43%
-- Flow 1:
Average throughput: 72.23 Mbit/s
95th percentile per-packet one-way delay: 29.851 ms
Loss rate: 25.43%
```

Run 2: Report of Verus — Data Link

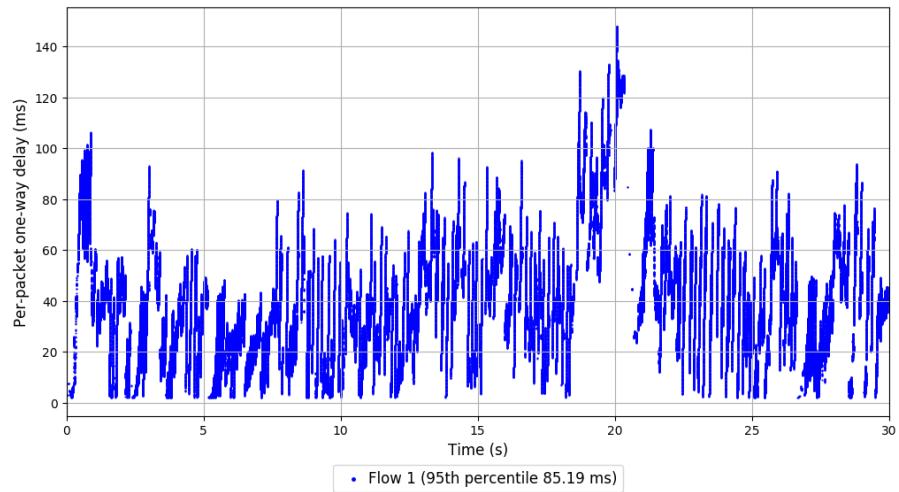
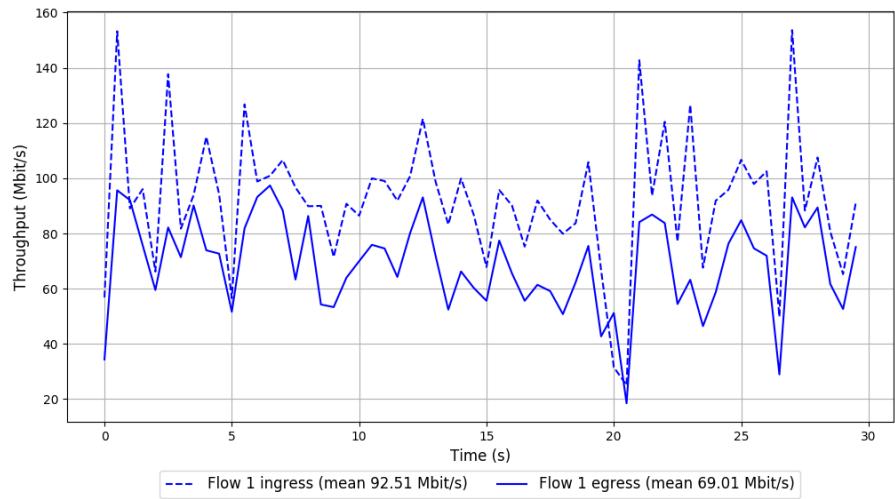


Run 3: Statistics of Verus

```
Start at: 2017-08-16 23:07:47
End at: 2017-08-16 23:08:17
Local clock offset: -0.524 ms
Remote clock offset: -21.851 ms

# Below is generated by plot.py at 2017-08-17 04:04:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.01 Mbit/s
95th percentile per-packet one-way delay: 85.188 ms
Loss rate: 25.37%
-- Flow 1:
Average throughput: 69.01 Mbit/s
95th percentile per-packet one-way delay: 85.188 ms
Loss rate: 25.37%
```

Run 3: Report of Verus — Data Link

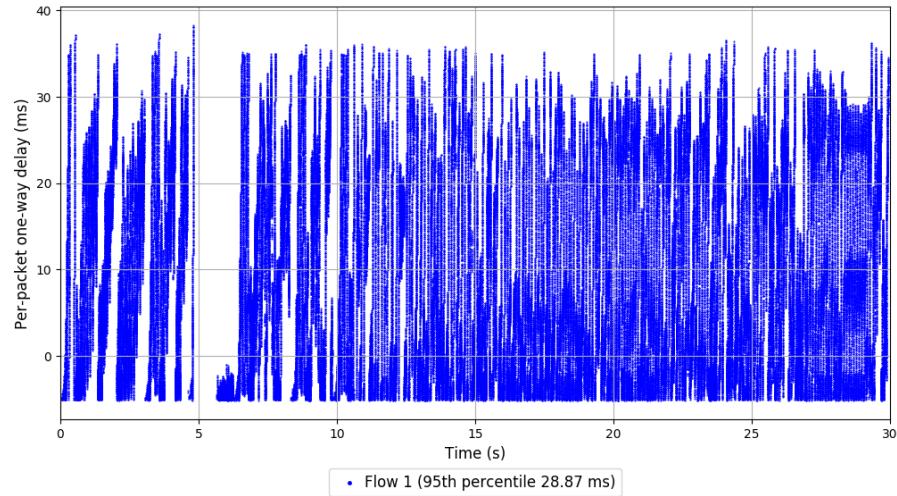
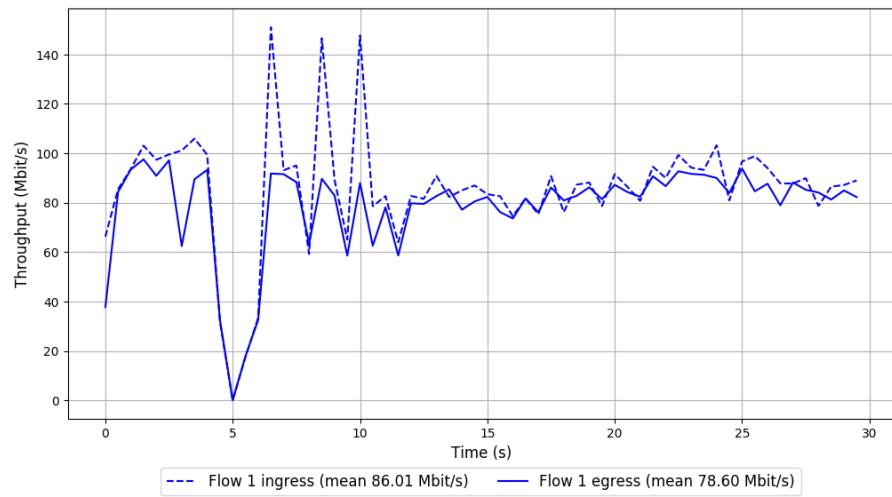


Run 4: Statistics of Verus

```
Start at: 2017-08-16 23:26:37
End at: 2017-08-16 23:27:07
Local clock offset: 1.581 ms
Remote clock offset: -21.019 ms

# Below is generated by plot.py at 2017-08-17 04:04:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.60 Mbit/s
95th percentile per-packet one-way delay: 28.866 ms
Loss rate: 8.51%
-- Flow 1:
Average throughput: 78.60 Mbit/s
95th percentile per-packet one-way delay: 28.866 ms
Loss rate: 8.51%
```

Run 4: Report of Verus — Data Link

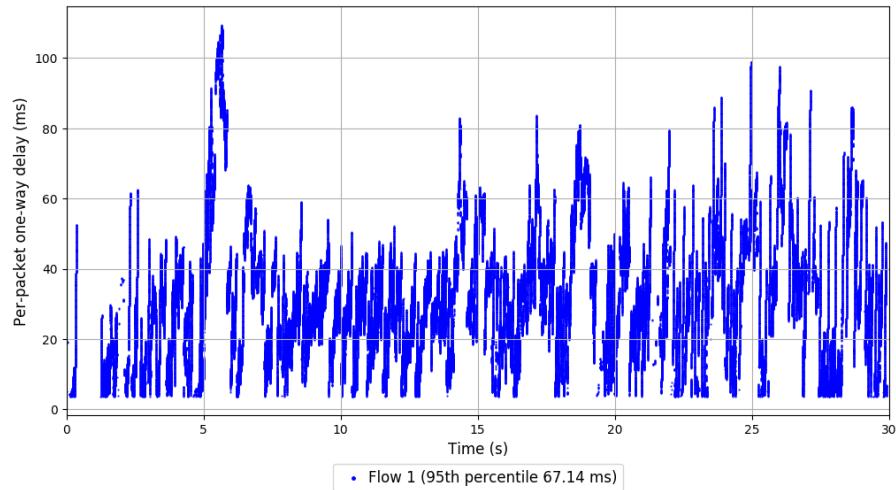
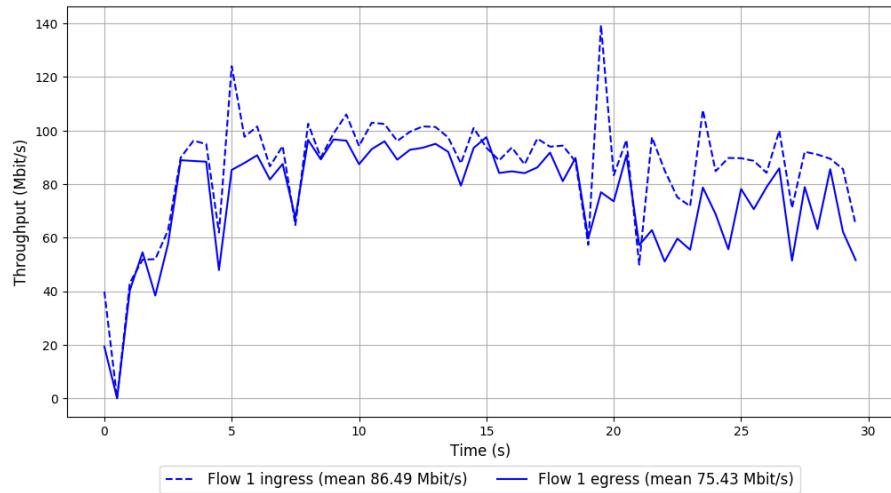


Run 5: Statistics of Verus

```
Start at: 2017-08-16 23:46:47
End at: 2017-08-16 23:47:17
Local clock offset: 0.027 ms
Remote clock offset: -21.38 ms

# Below is generated by plot.py at 2017-08-17 04:04:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.43 Mbit/s
95th percentile per-packet one-way delay: 67.142 ms
Loss rate: 12.82%
-- Flow 1:
Average throughput: 75.43 Mbit/s
95th percentile per-packet one-way delay: 67.142 ms
Loss rate: 12.82%
```

Run 5: Report of Verus — Data Link

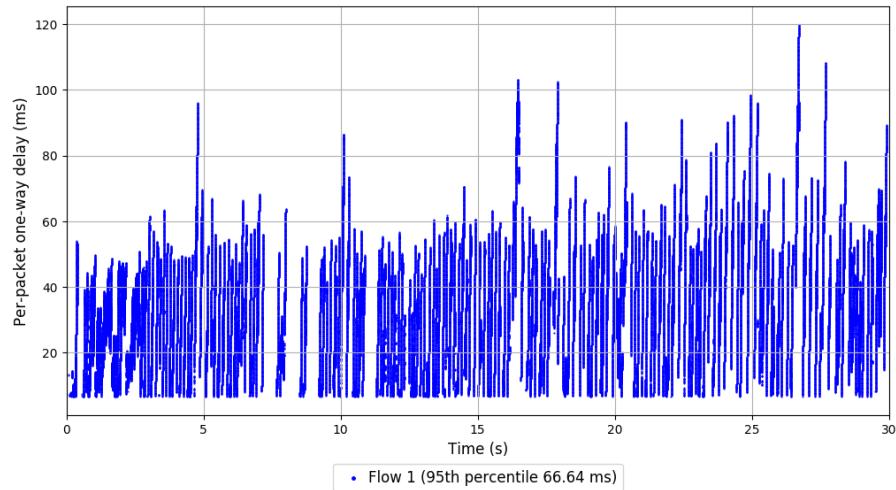
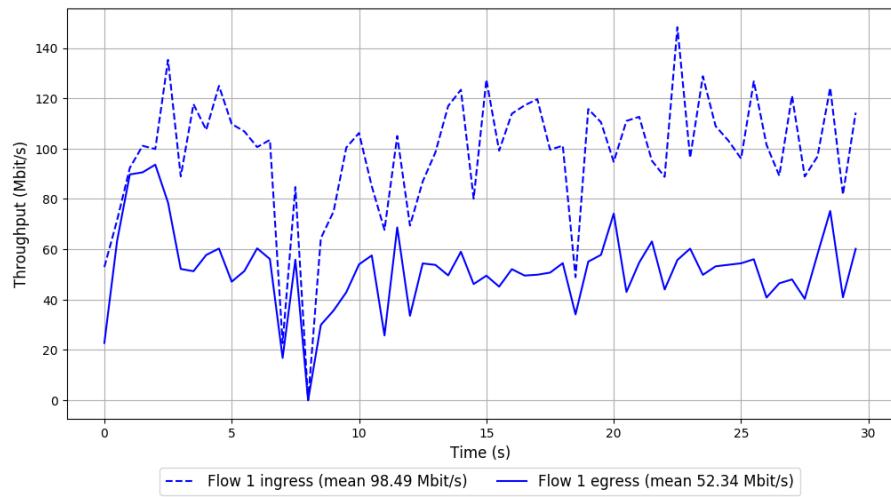


Run 6: Statistics of Verus

```
Start at: 2017-08-17 00:20:11
End at: 2017-08-17 00:20:41
Local clock offset: -2.922 ms
Remote clock offset: -21.889 ms

# Below is generated by plot.py at 2017-08-17 04:04:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.34 Mbit/s
95th percentile per-packet one-way delay: 66.636 ms
Loss rate: 46.78%
-- Flow 1:
Average throughput: 52.34 Mbit/s
95th percentile per-packet one-way delay: 66.636 ms
Loss rate: 46.78%
```

Run 6: Report of Verus — Data Link

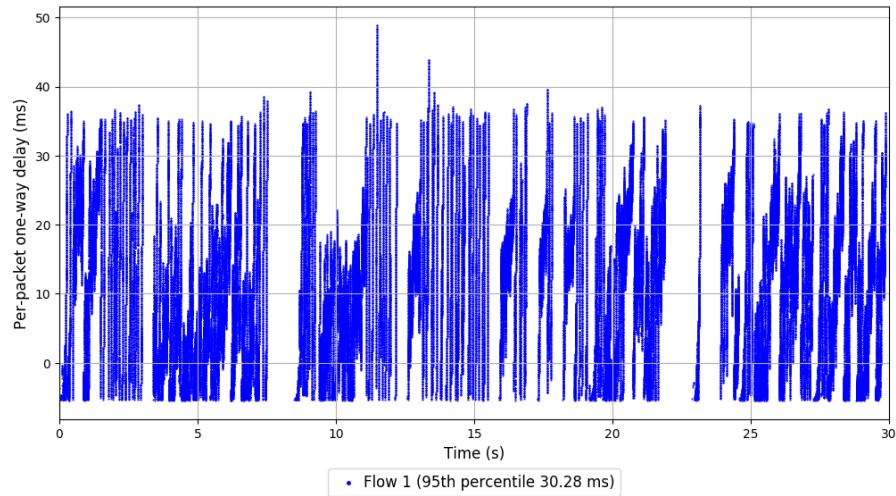
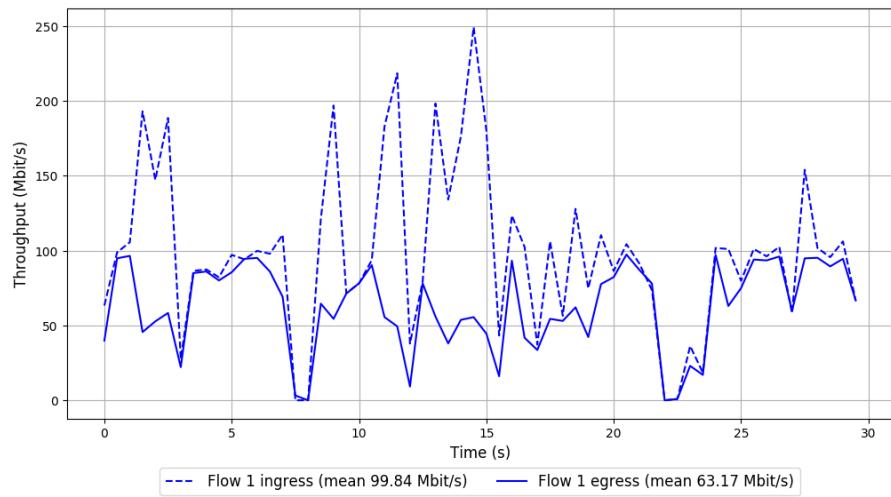


Run 7: Statistics of Verus

```
Start at: 2017-08-17 00:48:42
End at: 2017-08-17 00:49:12
Local clock offset: 0.75 ms
Remote clock offset: -23.099 ms

# Below is generated by plot.py at 2017-08-17 04:04:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.17 Mbit/s
95th percentile per-packet one-way delay: 30.277 ms
Loss rate: 36.66%
-- Flow 1:
Average throughput: 63.17 Mbit/s
95th percentile per-packet one-way delay: 30.277 ms
Loss rate: 36.66%
```

Run 7: Report of Verus — Data Link

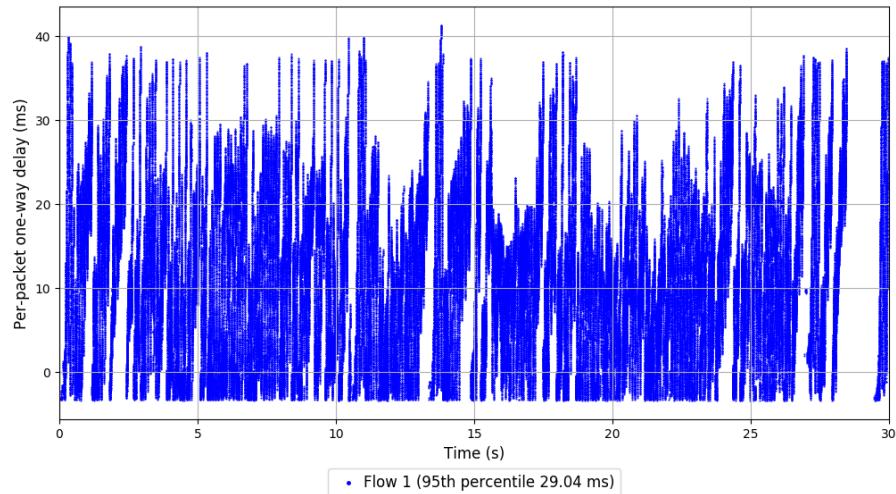
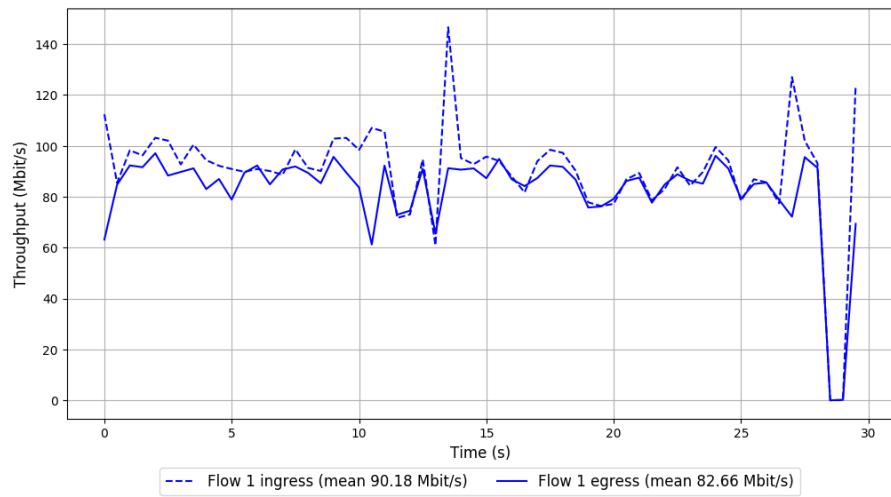


Run 8: Statistics of Verus

```
Start at: 2017-08-17 01:22:13
End at: 2017-08-17 01:22:43
Local clock offset: 0.493 ms
Remote clock offset: -19.405 ms

# Below is generated by plot.py at 2017-08-17 04:05:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.66 Mbit/s
95th percentile per-packet one-way delay: 29.042 ms
Loss rate: 8.31%
-- Flow 1:
Average throughput: 82.66 Mbit/s
95th percentile per-packet one-way delay: 29.042 ms
Loss rate: 8.31%
```

Run 8: Report of Verus — Data Link

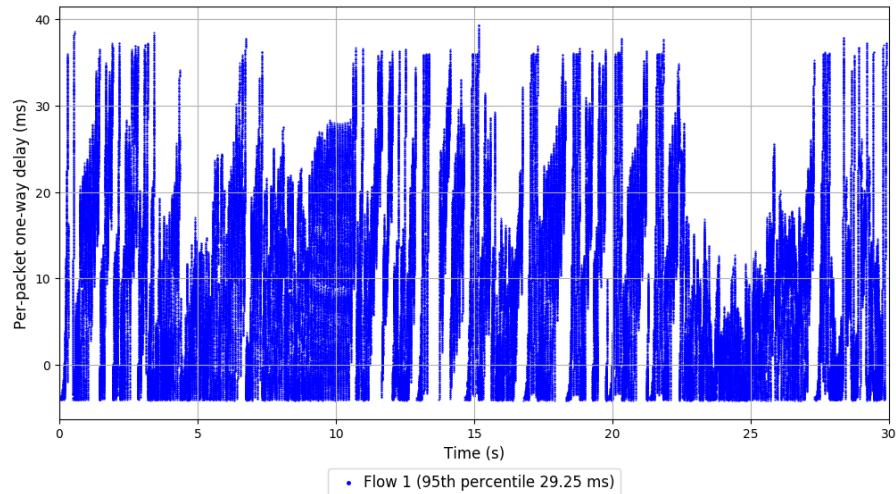
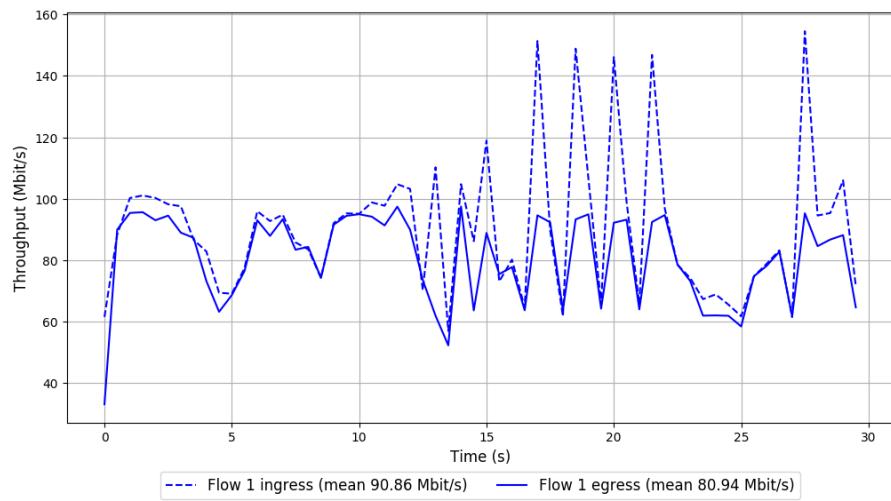


Run 9: Statistics of Verus

```
Start at: 2017-08-17 02:10:04
End at: 2017-08-17 02:10:34
Local clock offset: 2.589 ms
Remote clock offset: -16.357 ms

# Below is generated by plot.py at 2017-08-17 04:05:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.94 Mbit/s
95th percentile per-packet one-way delay: 29.247 ms
Loss rate: 10.86%
-- Flow 1:
Average throughput: 80.94 Mbit/s
95th percentile per-packet one-way delay: 29.247 ms
Loss rate: 10.86%
```

Run 9: Report of Verus — Data Link

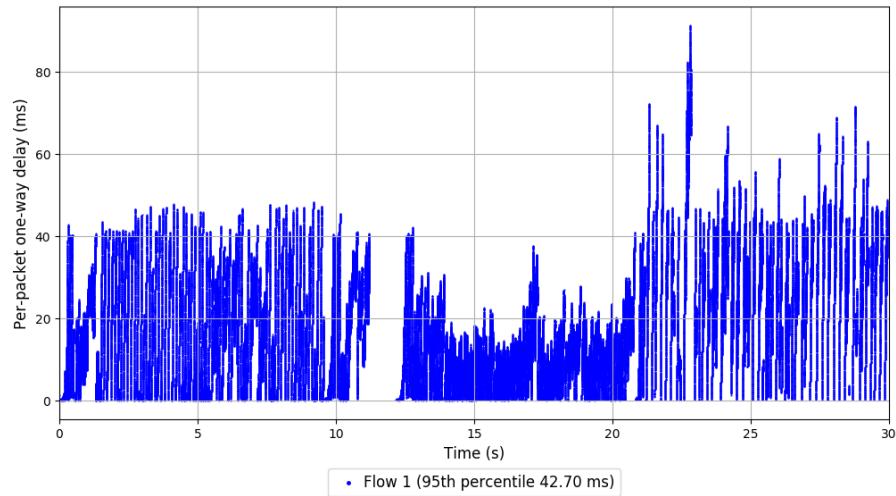
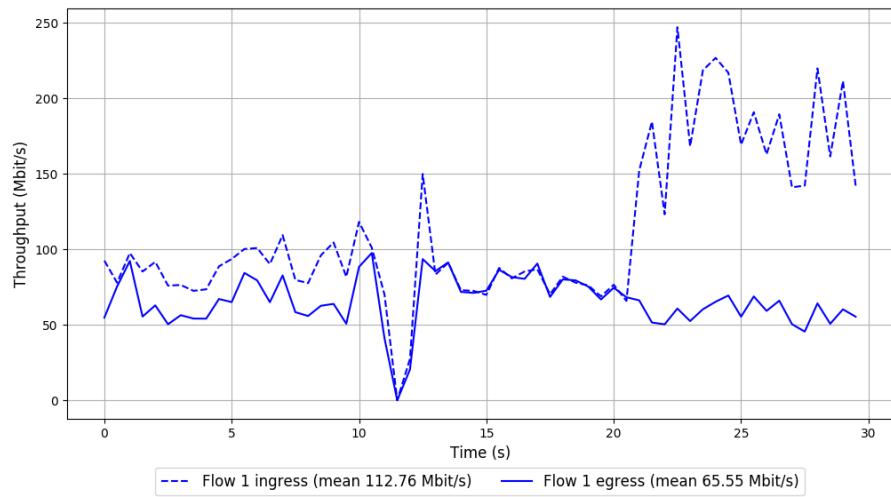


Run 10: Statistics of Verus

```
Start at: 2017-08-17 02:57:20
End at: 2017-08-17 02:57:50
Local clock offset: 0.999 ms
Remote clock offset: -20.949 ms

# Below is generated by plot.py at 2017-08-17 04:05:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.55 Mbit/s
95th percentile per-packet one-way delay: 42.702 ms
Loss rate: 41.79%
-- Flow 1:
Average throughput: 65.55 Mbit/s
95th percentile per-packet one-way delay: 42.702 ms
Loss rate: 41.79%
```

Run 10: Report of Verus — Data Link

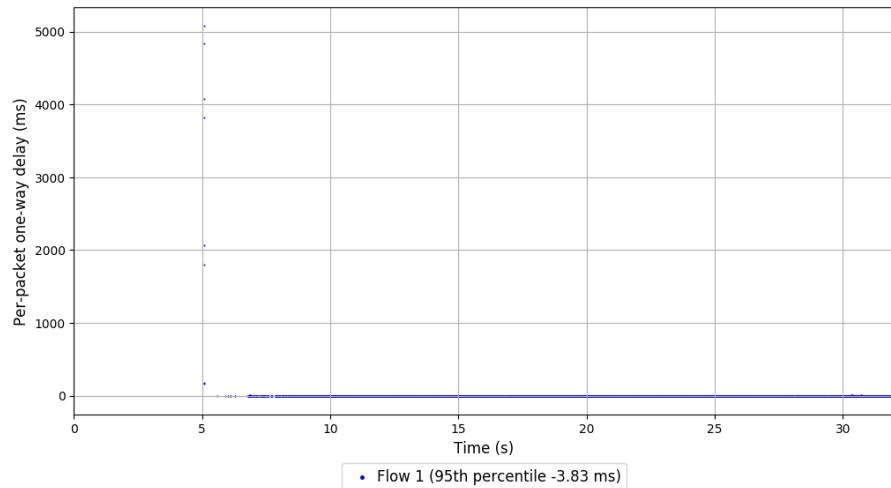
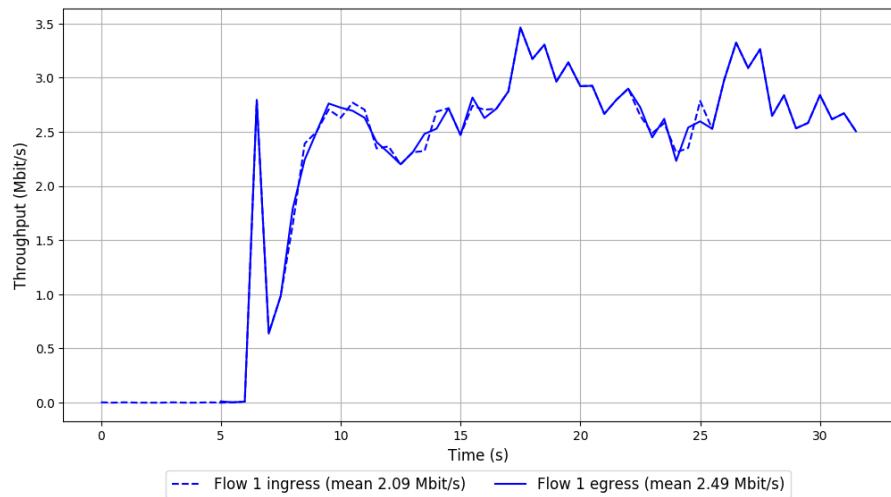


Run 1: Statistics of WebRTC media

```
Start at: 2017-08-16 22:34:42
End at: 2017-08-16 22:35:12
Local clock offset: -0.629 ms
Remote clock offset: -23.652 ms

# Below is generated by plot.py at 2017-08-17 04:05:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: -3.830 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: -3.830 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

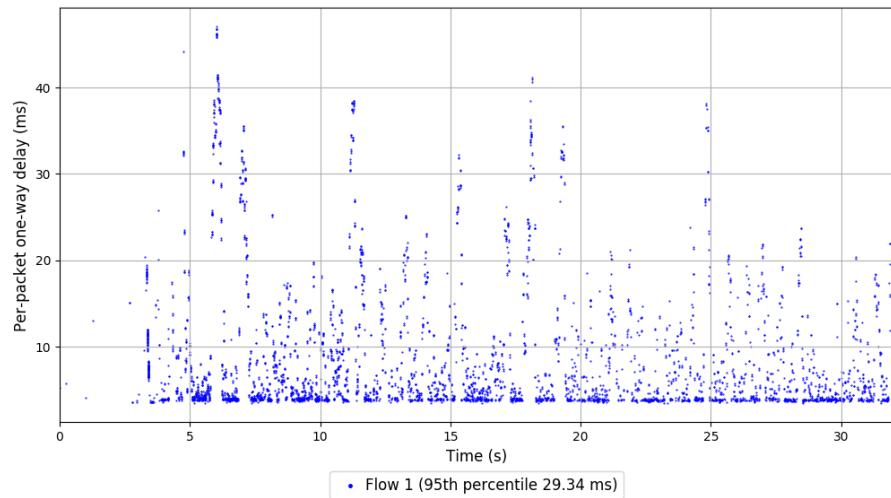
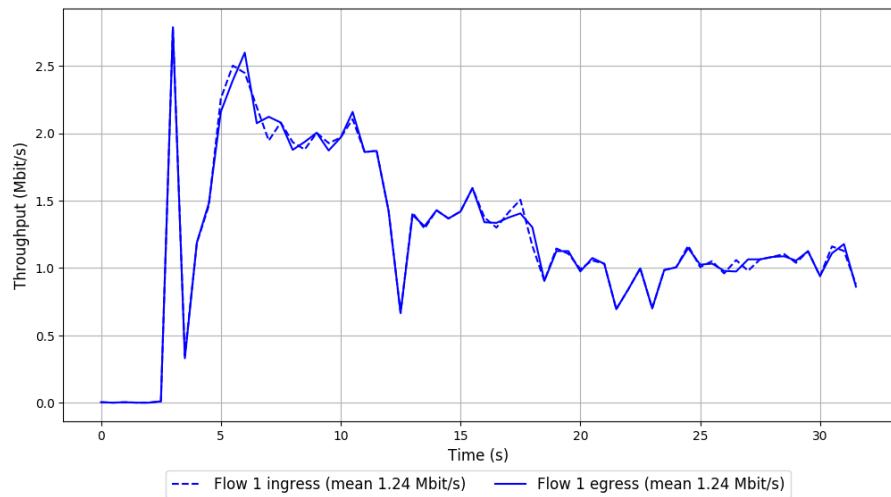


Run 2: Statistics of WebRTC media

```
Start at: 2017-08-16 22:53:03
End at: 2017-08-16 22:53:33
Local clock offset: -0.091 ms
Remote clock offset: -19.637 ms

# Below is generated by plot.py at 2017-08-17 04:05:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 29.344 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 29.344 ms
Loss rate: 0.02%
```

Run 2: Report of WebRTC media — Data Link

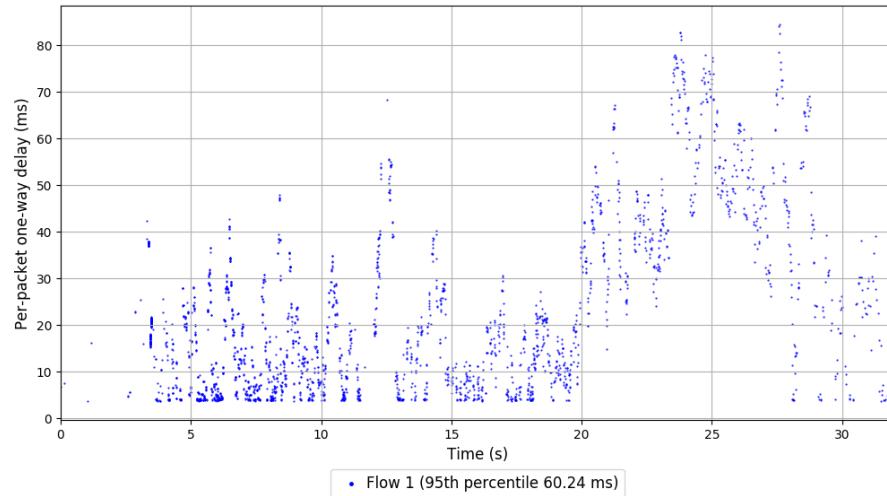
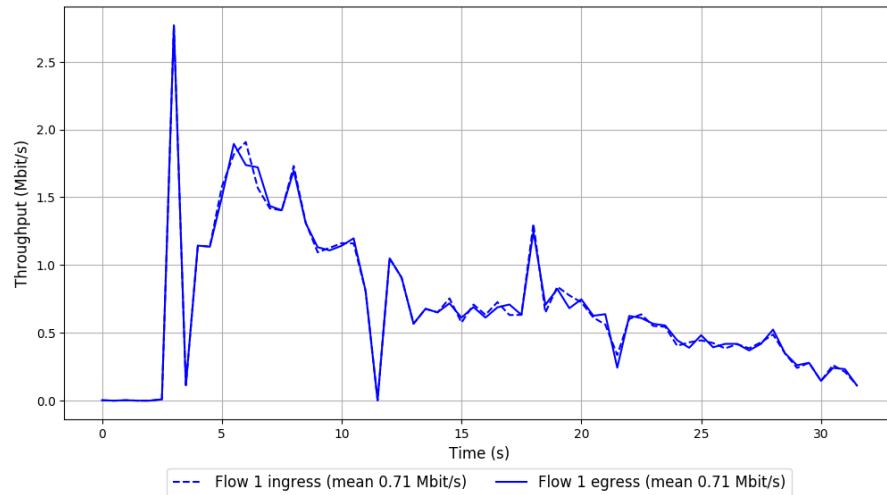


Run 3: Statistics of WebRTC media

```
Start at: 2017-08-16 23:11:58
End at: 2017-08-16 23:12:28
Local clock offset: -0.051 ms
Remote clock offset: -19.935 ms

# Below is generated by plot.py at 2017-08-17 04:05:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 60.236 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 60.236 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

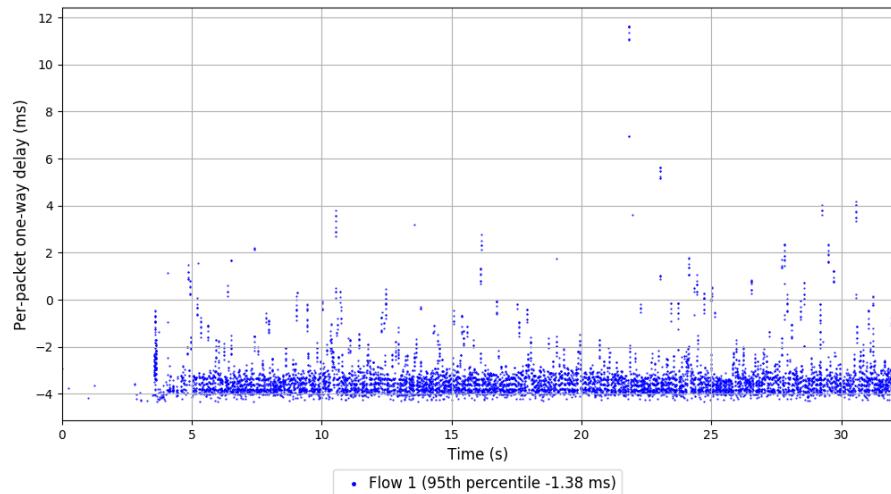
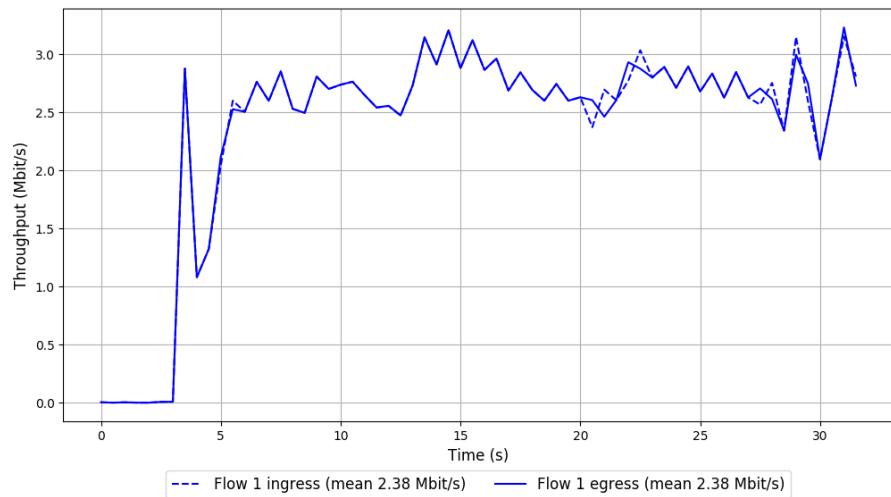


Run 4: Statistics of WebRTC media

```
Start at: 2017-08-16 23:30:29
End at: 2017-08-16 23:30:59
Local clock offset: 0.933 ms
Remote clock offset: -20.315 ms

# Below is generated by plot.py at 2017-08-17 04:05:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: -1.381 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: -1.381 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

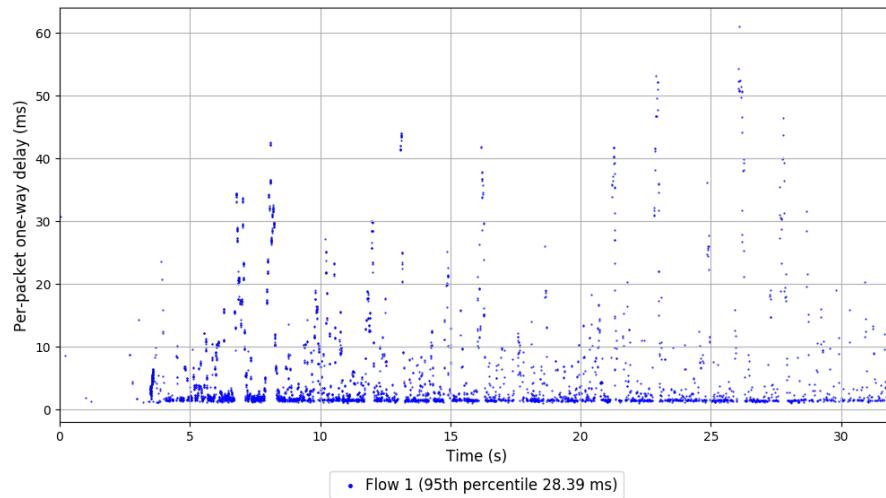
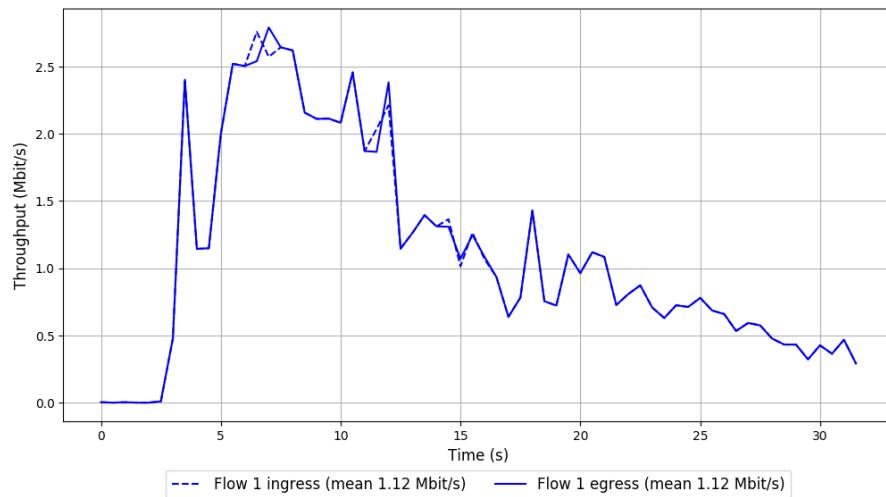


Run 5: Statistics of WebRTC media

```
Start at: 2017-08-16 23:55:53
End at: 2017-08-16 23:56:23
Local clock offset: 1.646 ms
Remote clock offset: -22.366 ms

# Below is generated by plot.py at 2017-08-17 04:05:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 28.391 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 28.391 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

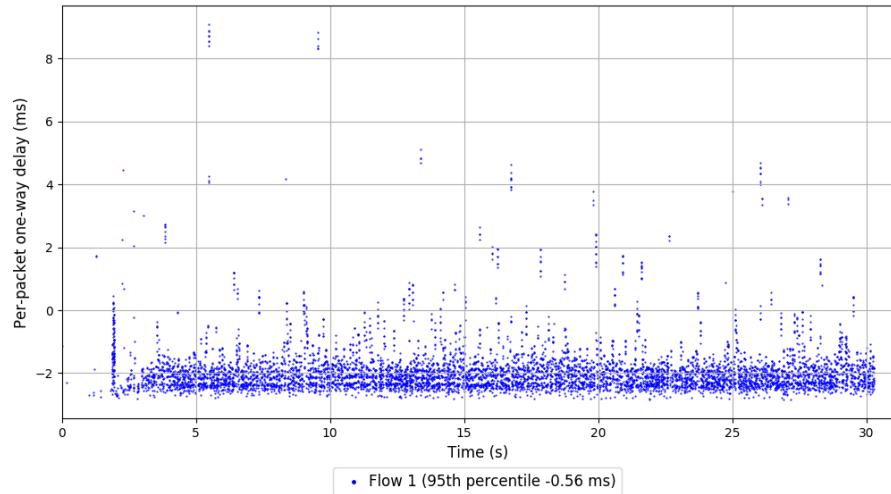
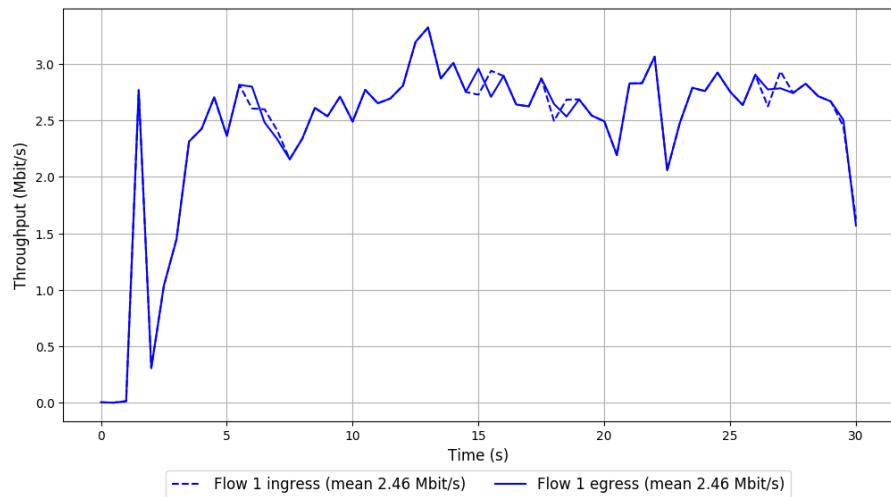


```
Run 6: Statistics of WebRTC media

Start at: 2017-08-17 00:27:32
End at: 2017-08-17 00:28:02
Local clock offset: -0.57 ms
Remote clock offset: -21.556 ms

# Below is generated by plot.py at 2017-08-17 04:05:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: -0.560 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: -0.560 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

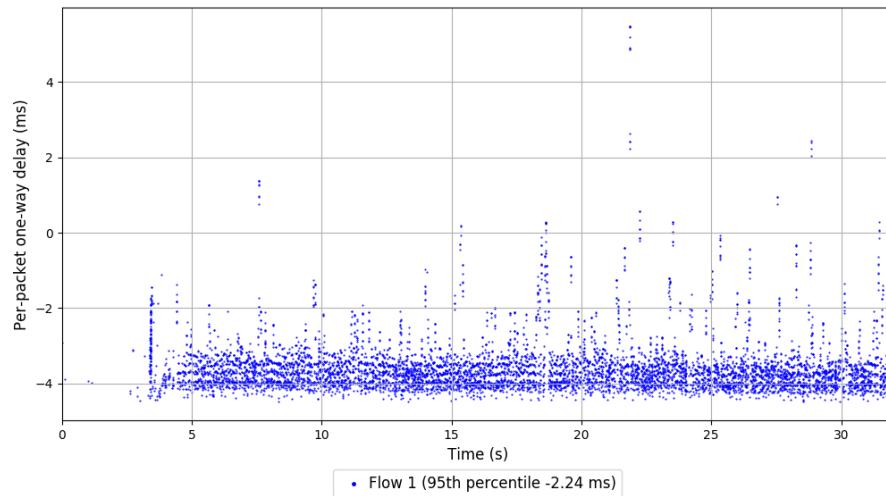
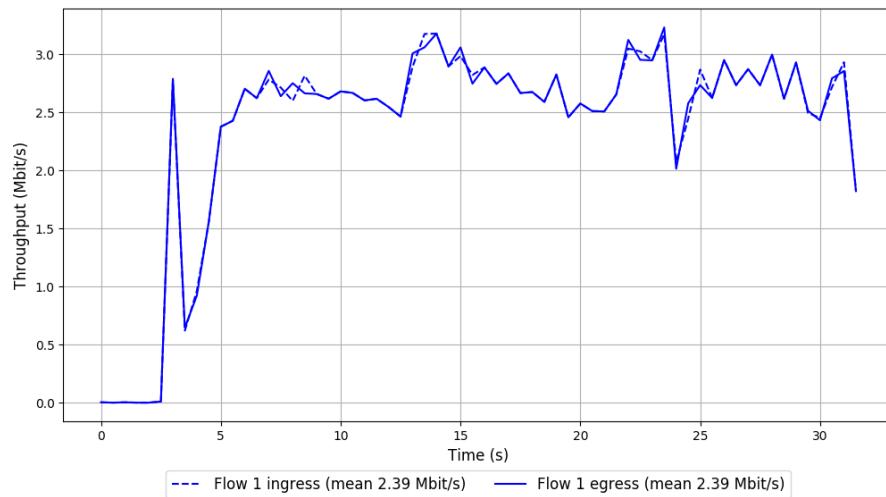


Run 7: Statistics of WebRTC media

```
Start at: 2017-08-17 00:58:08
End at: 2017-08-17 00:58:38
Local clock offset: 1.641 ms
Remote clock offset: -20.399 ms

# Below is generated by plot.py at 2017-08-17 04:05:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: -2.244 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: -2.244 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

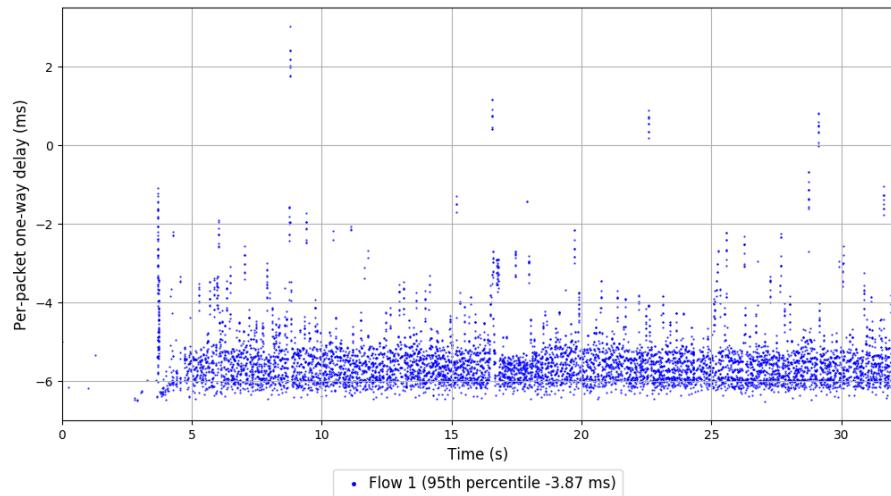
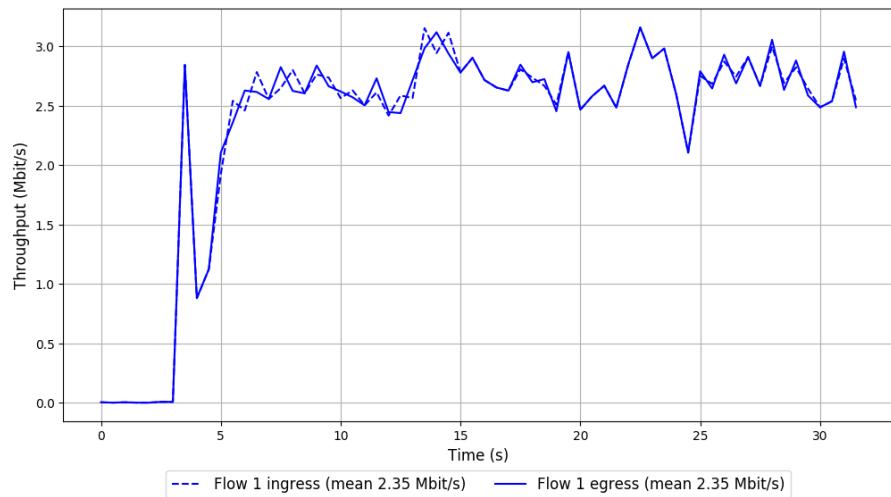


Run 8: Statistics of WebRTC media

```
Start at: 2017-08-17 01:37:55
End at: 2017-08-17 01:38:25
Local clock offset: 3.516 ms
Remote clock offset: -18.43 ms

# Below is generated by plot.py at 2017-08-17 04:05:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -3.872 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -3.872 ms
Loss rate: 0.01%
```

Run 8: Report of WebRTC media — Data Link

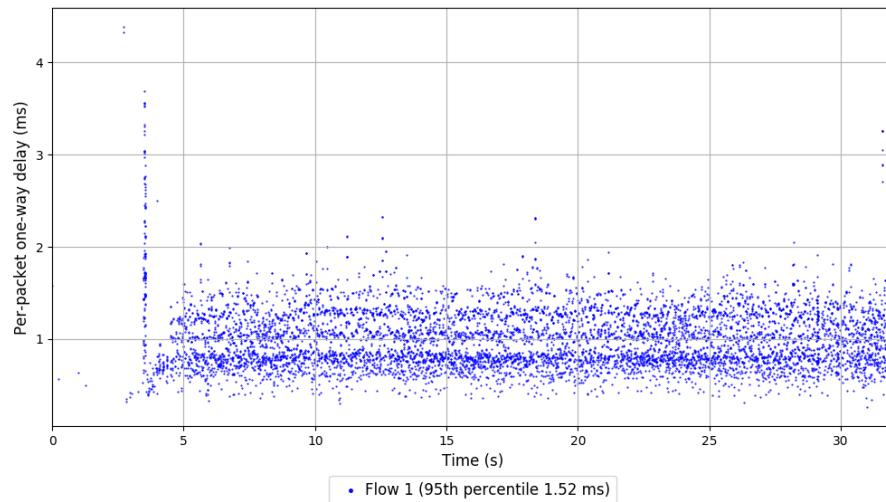
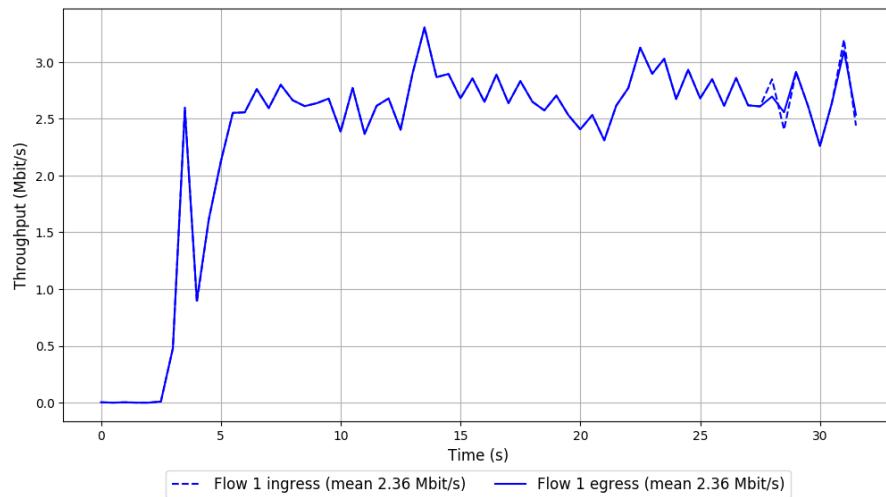


Run 9: Statistics of WebRTC media

```
Start at: 2017-08-17 02:13:53
End at: 2017-08-17 02:14:23
Local clock offset: -1.857 ms
Remote clock offset: -16.117 ms

# Below is generated by plot.py at 2017-08-17 04:05:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 1.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 1.522 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2017-08-17 03:10:50
End at: 2017-08-17 03:11:20
Local clock offset: 1.298 ms
Remote clock offset: -20.7 ms

# Below is generated by plot.py at 2017-08-17 04:05:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: -2.085 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: -2.085 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

