

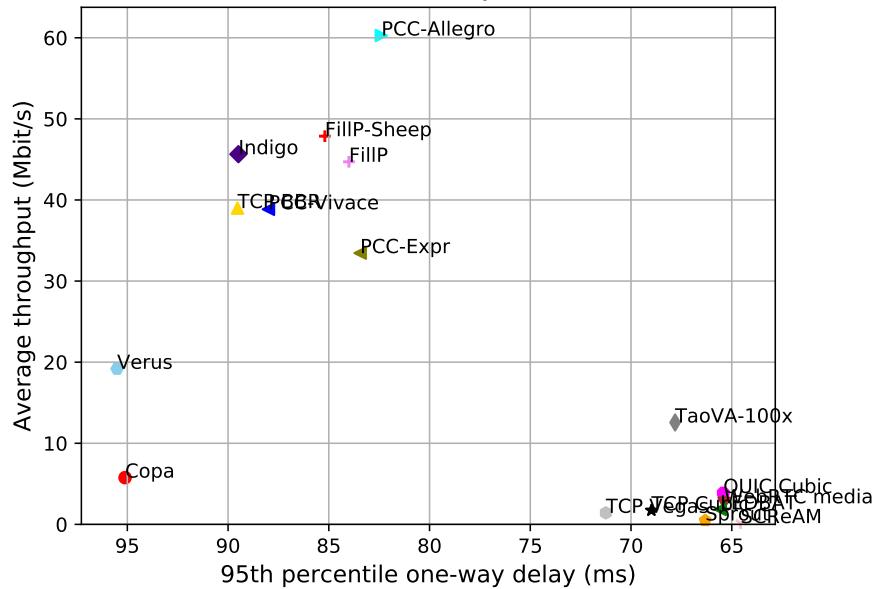
Pantheon Report

Generated at 2018-07-18 05:58:09 (UTC).
Data path: China Ethernet (*remote*) → AWS Korea Ethernet (*local*).
Repeated the test of 17 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
NTP offsets were measured against `ntp.nict.jp` and have been applied to correct the timestamps in logs.

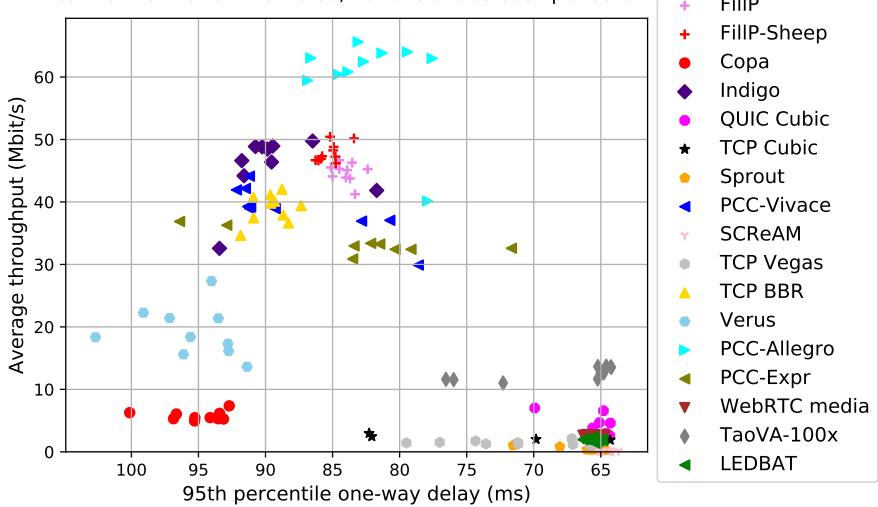
Git summary:

```
branch: master @ f7befc2d8410f41949e0ad8143a9aab40bab7edb
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



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



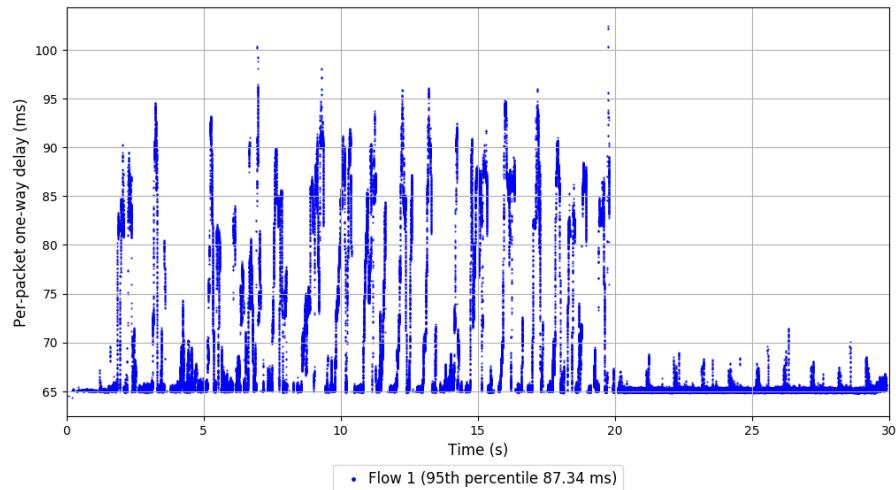
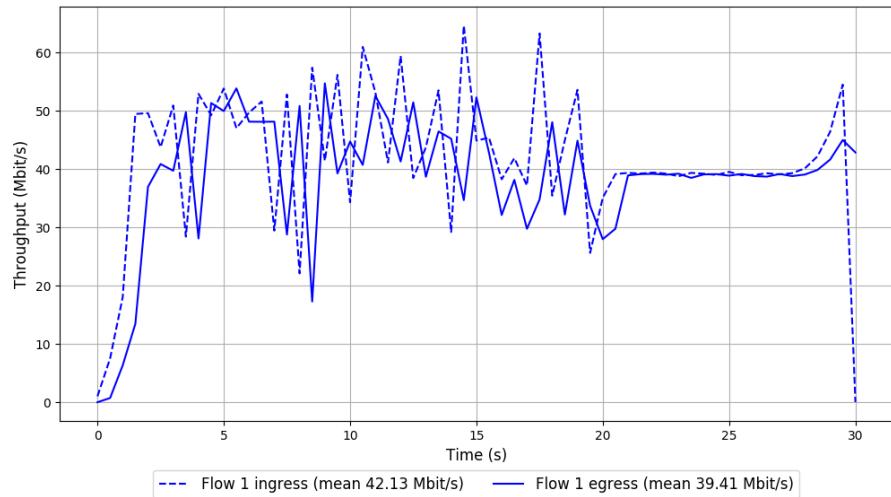
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	39.00	89.53	7.75
Copa	10	5.76	95.11	29.74
TCP Cubic	10	1.73	68.99	1.10
FillP	10	44.71	84.00	23.58
FillP-Sheep	10	47.87	85.20	27.91
Indigo	10	45.64	89.49	16.79
LEDBAT	10	1.85	65.58	1.25
PCC-Allegro	10	60.28	82.39	3.31
PCC-Expr	9	33.45	83.45	4.25
QUIC Cubic	10	3.88	65.42	1.27
SCReAM	10	0.16	64.56	0.80
Sprout	10	0.48	66.32	1.32
TaoVA-100x	10	12.56	67.81	2.05
TCP Vegas	10	1.42	71.25	1.26
Verus	10	19.18	95.51	29.11
PCC-Vivace	10	38.85	88.00	5.69
WebRTC media	10	2.60	65.38	1.22

Run 1: Statistics of TCP BBR

```
Start at: 2018-07-18 01:13:48
End at: 2018-07-18 01:14:18
Local clock offset: 2.101 ms
Remote clock offset: 0.522 ms

# Below is generated by plot.py at 2018-07-18 05:50:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.41 Mbit/s
95th percentile per-packet one-way delay: 87.338 ms
Loss rate: 6.98%
-- Flow 1:
Average throughput: 39.41 Mbit/s
95th percentile per-packet one-way delay: 87.338 ms
Loss rate: 6.98%
```

Run 1: Report of TCP BBR — Data Link

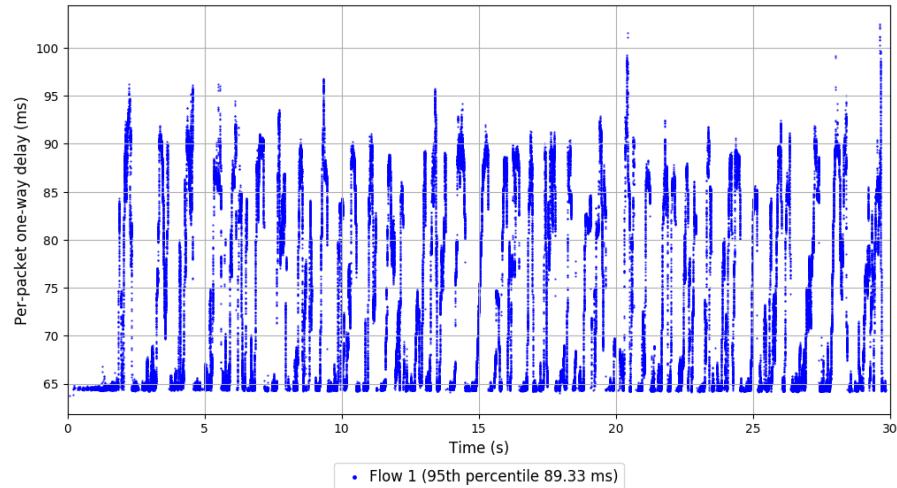
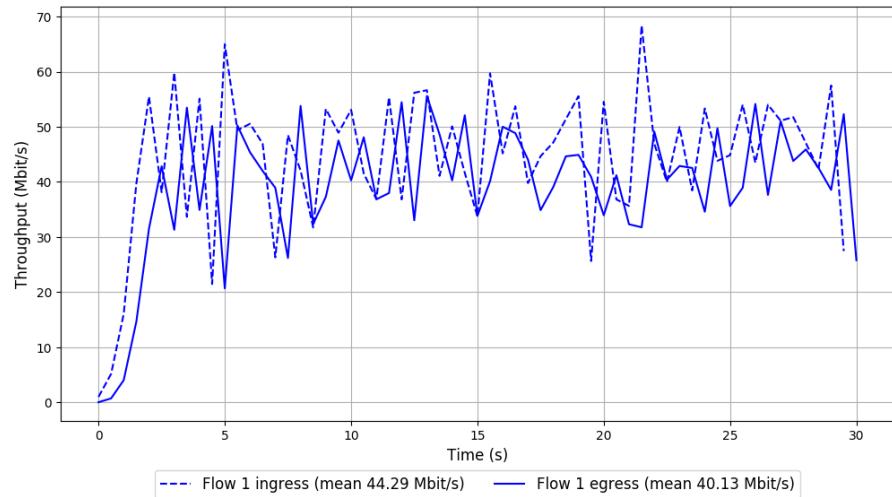


Run 2: Statistics of TCP BBR

```
Start at: 2018-07-18 01:41:47
End at: 2018-07-18 01:42:17
Local clock offset: 4.23 ms
Remote clock offset: 1.244 ms

# Below is generated by plot.py at 2018-07-18 05:50:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.13 Mbit/s
95th percentile per-packet one-way delay: 89.325 ms
Loss rate: 9.95%
-- Flow 1:
Average throughput: 40.13 Mbit/s
95th percentile per-packet one-way delay: 89.325 ms
Loss rate: 9.95%
```

Run 2: Report of TCP BBR — Data Link

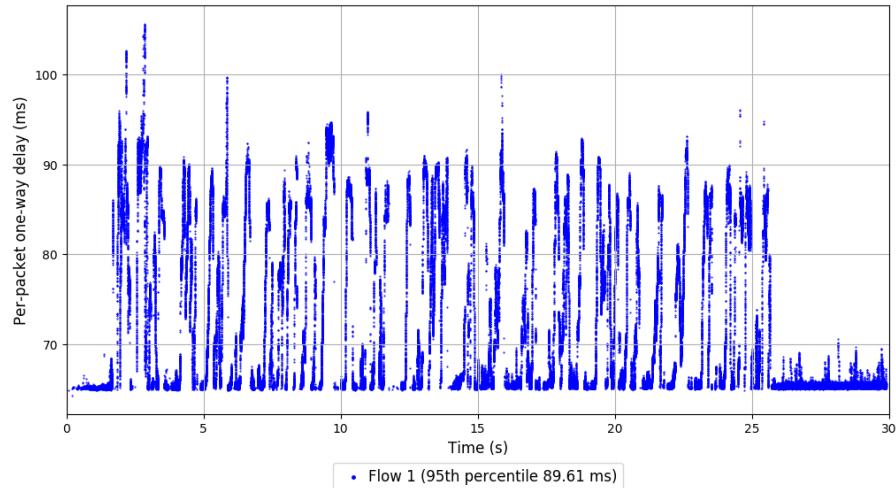
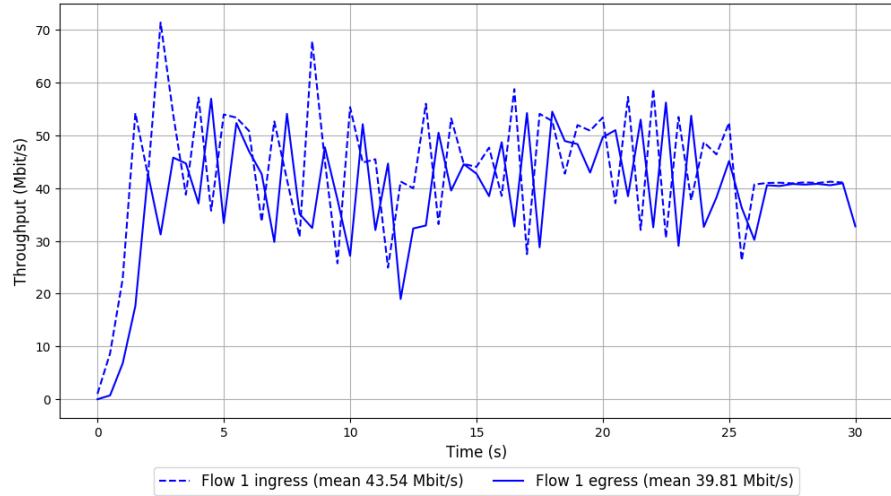


Run 3: Statistics of TCP BBR

```
Start at: 2018-07-18 02:10:59
End at: 2018-07-18 02:11:29
Local clock offset: 7.38 ms
Remote clock offset: 1.837 ms

# Below is generated by plot.py at 2018-07-18 05:50:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 89.611 ms
Loss rate: 9.06%
-- Flow 1:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 89.611 ms
Loss rate: 9.06%
```

Run 3: Report of TCP BBR — Data Link

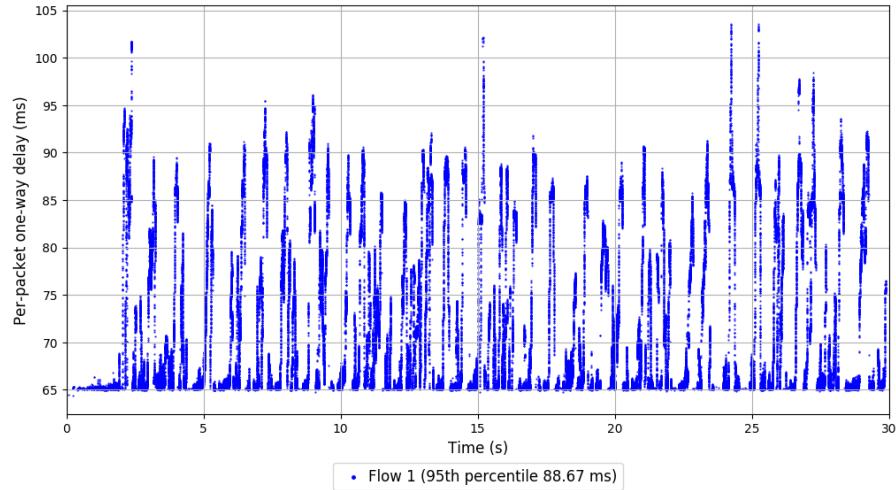
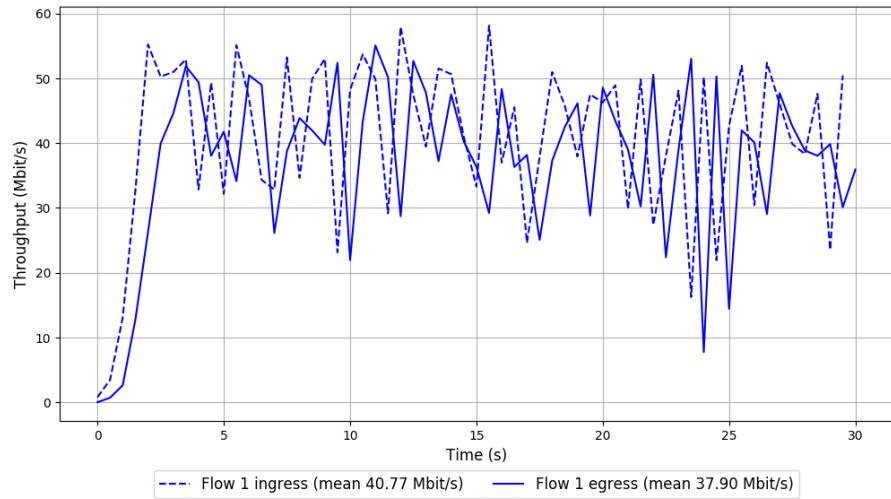


Run 4: Statistics of TCP BBR

```
Start at: 2018-07-18 02:38:48
End at: 2018-07-18 02:39:18
Local clock offset: 5.358 ms
Remote clock offset: 2.467 ms

# Below is generated by plot.py at 2018-07-18 05:50:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.90 Mbit/s
95th percentile per-packet one-way delay: 88.675 ms
Loss rate: 7.54%
-- Flow 1:
Average throughput: 37.90 Mbit/s
95th percentile per-packet one-way delay: 88.675 ms
Loss rate: 7.54%
```

Run 4: Report of TCP BBR — Data Link

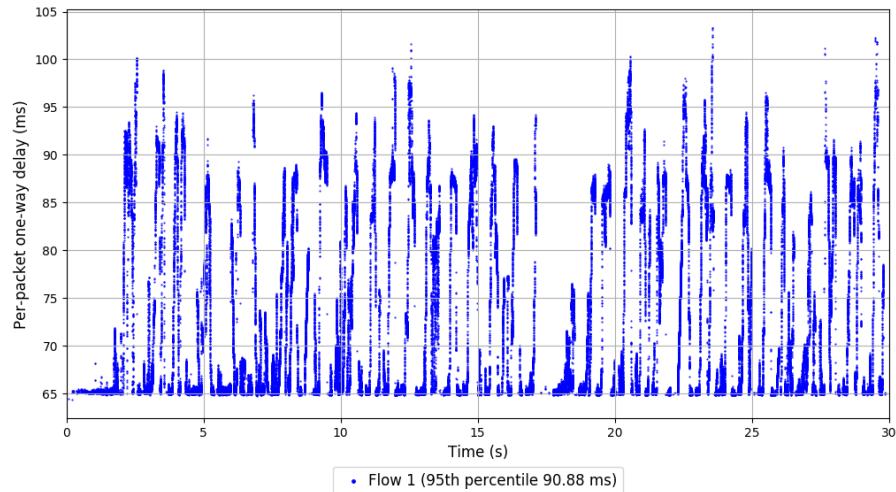
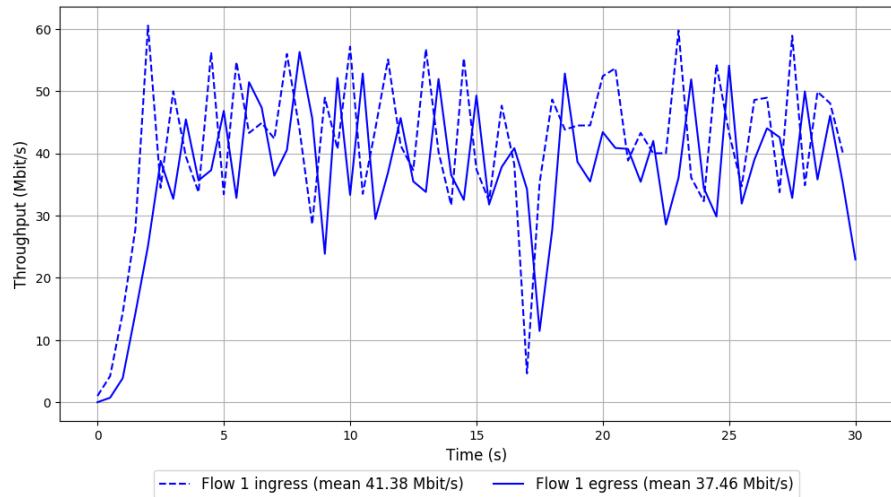


Run 5: Statistics of TCP BBR

```
Start at: 2018-07-18 03:07:38
End at: 2018-07-18 03:08:08
Local clock offset: 6.989 ms
Remote clock offset: 2.47 ms

# Below is generated by plot.py at 2018-07-18 05:50:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 90.882 ms
Loss rate: 9.92%
-- Flow 1:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 90.882 ms
Loss rate: 9.92%
```

Run 5: Report of TCP BBR — Data Link

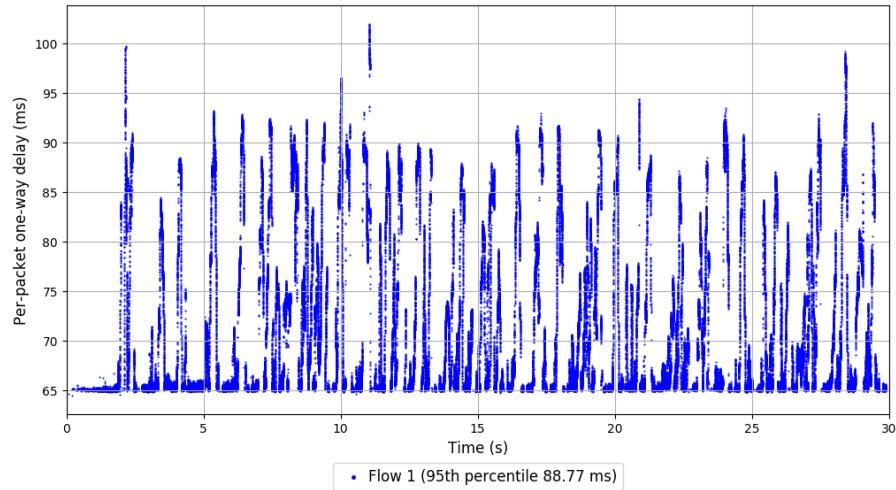
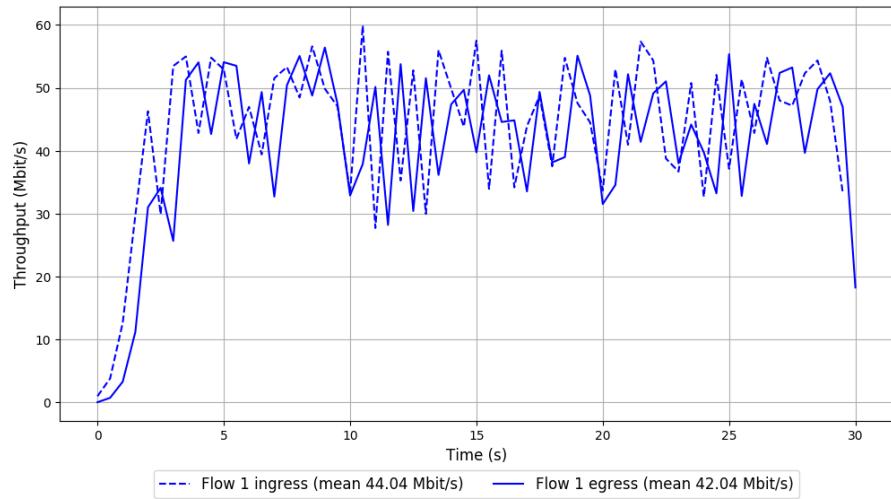


Run 6: Statistics of TCP BBR

```
Start at: 2018-07-18 03:36:48
End at: 2018-07-18 03:37:18
Local clock offset: 6.75 ms
Remote clock offset: 2.673 ms

# Below is generated by plot.py at 2018-07-18 05:50:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.04 Mbit/s
95th percentile per-packet one-way delay: 88.773 ms
Loss rate: 5.03%
-- Flow 1:
Average throughput: 42.04 Mbit/s
95th percentile per-packet one-way delay: 88.773 ms
Loss rate: 5.03%
```

Run 6: Report of TCP BBR — Data Link

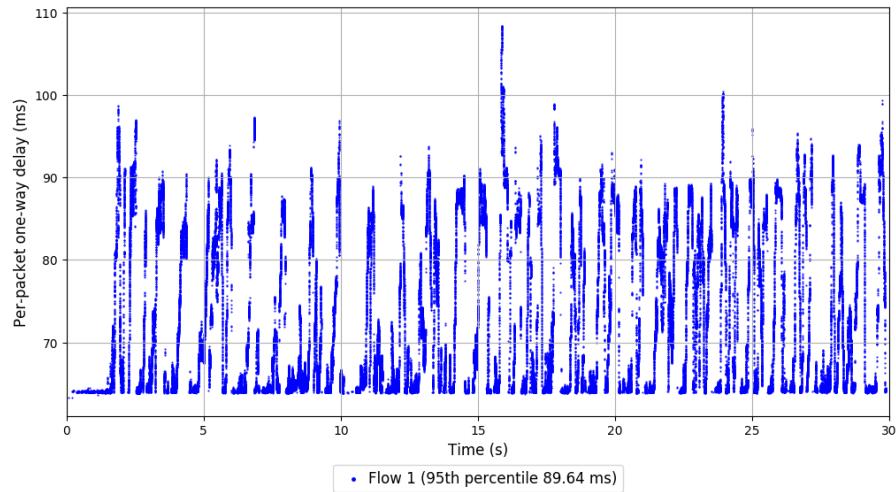
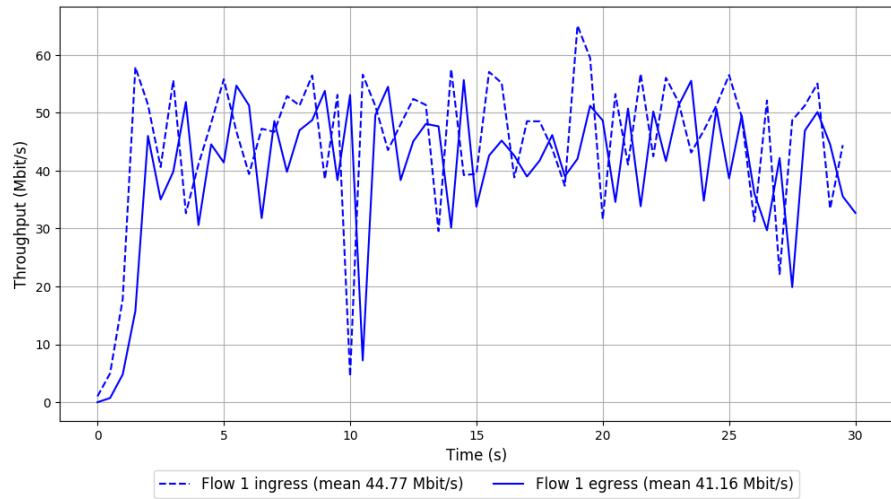


Run 7: Statistics of TCP BBR

```
Start at: 2018-07-18 04:04:44
End at: 2018-07-18 04:05:14
Local clock offset: 6.614 ms
Remote clock offset: 2.408 ms

# Below is generated by plot.py at 2018-07-18 05:50:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 89.644 ms
Loss rate: 8.56%
-- Flow 1:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 89.644 ms
Loss rate: 8.56%
```

Run 7: Report of TCP BBR — Data Link

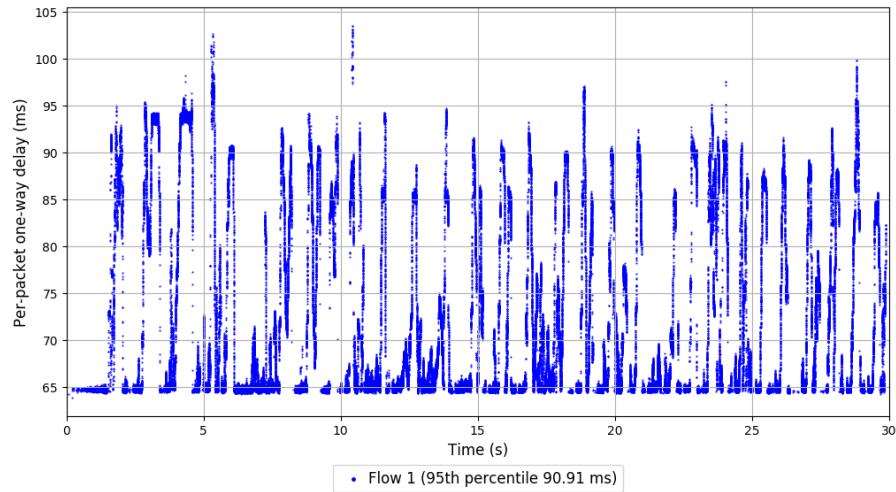
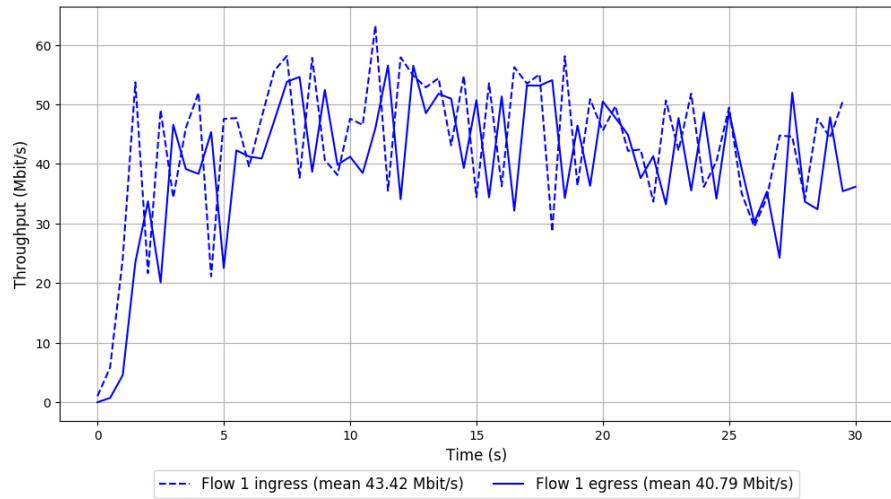


Run 8: Statistics of TCP BBR

```
Start at: 2018-07-18 04:31:12
End at: 2018-07-18 04:31:42
Local clock offset: 4.588 ms
Remote clock offset: 1.961 ms

# Below is generated by plot.py at 2018-07-18 05:50:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.79 Mbit/s
95th percentile per-packet one-way delay: 90.912 ms
Loss rate: 6.57%
-- Flow 1:
Average throughput: 40.79 Mbit/s
95th percentile per-packet one-way delay: 90.912 ms
Loss rate: 6.57%
```

Run 8: Report of TCP BBR — Data Link

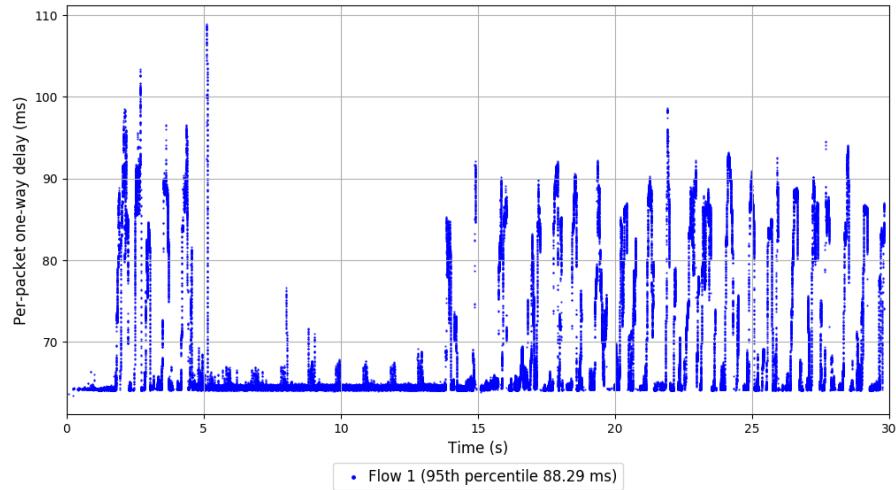
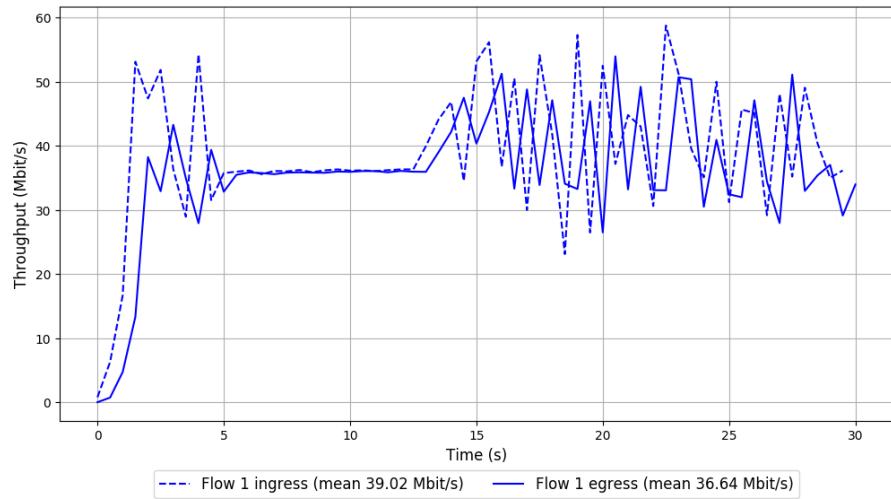


Run 9: Statistics of TCP BBR

```
Start at: 2018-07-18 05:00:07
End at: 2018-07-18 05:00:37
Local clock offset: 5.748 ms
Remote clock offset: 1.814 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.64 Mbit/s
95th percentile per-packet one-way delay: 88.290 ms
Loss rate: 6.72%
-- Flow 1:
Average throughput: 36.64 Mbit/s
95th percentile per-packet one-way delay: 88.290 ms
Loss rate: 6.72%
```

Run 9: Report of TCP BBR — Data Link

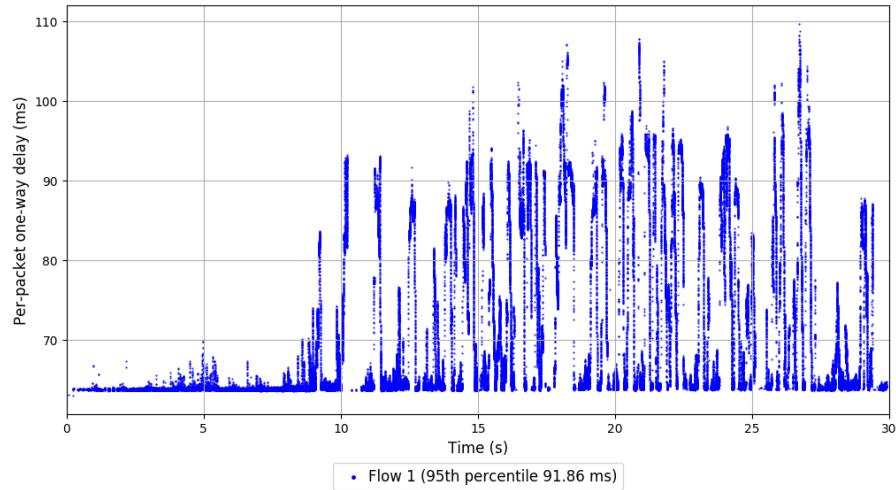
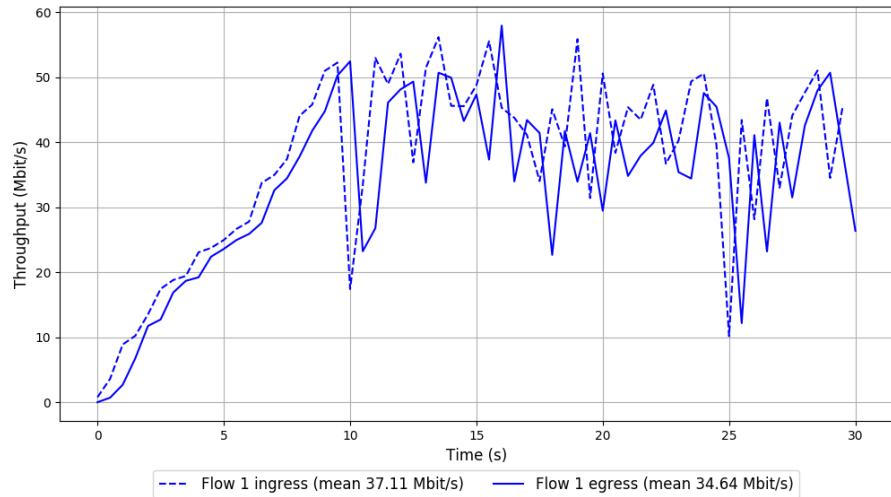


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2018-07-18 05:28:10
End at: 2018-07-18 05:28:40
Local clock offset: 1.687 ms
Remote clock offset: 1.433 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.64 Mbit/s
95th percentile per-packet one-way delay: 91.858 ms
Loss rate: 7.16%
-- Flow 1:
Average throughput: 34.64 Mbit/s
95th percentile per-packet one-way delay: 91.858 ms
Loss rate: 7.16%
```

Run 10: Report of TCP BBR — Data Link

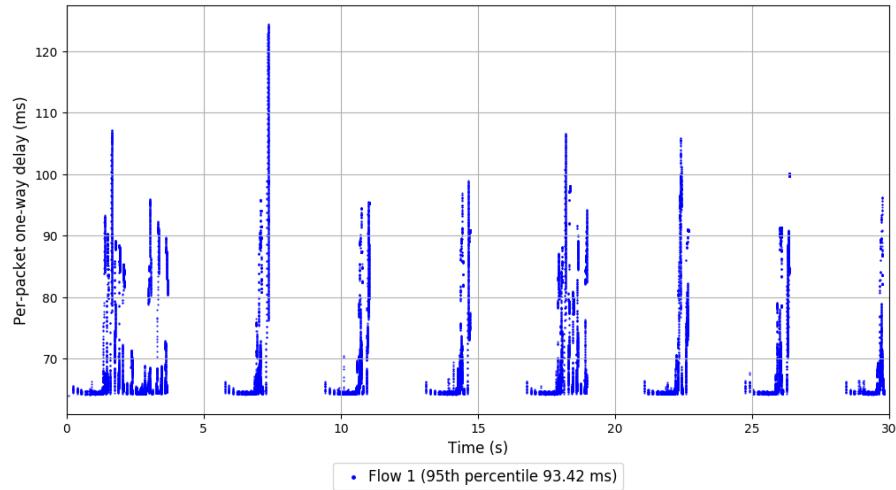
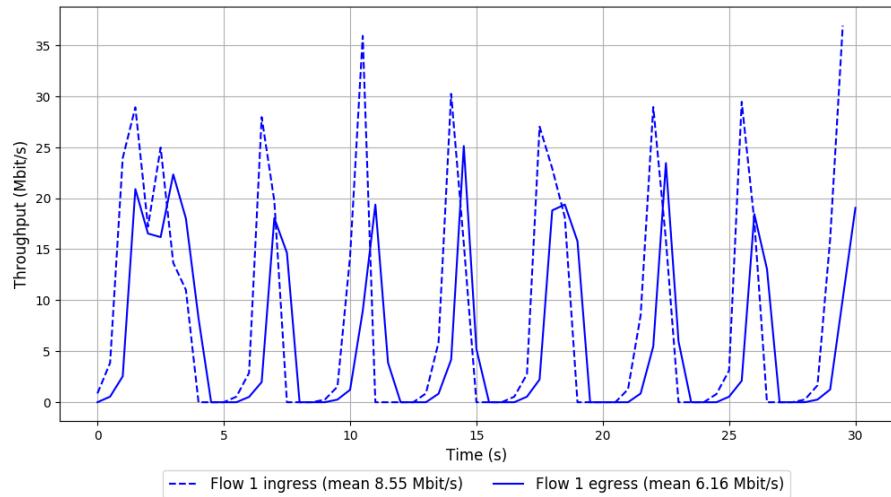


Run 1: Statistics of Copa

```
Start at: 2018-07-18 01:22:45
End at: 2018-07-18 01:23:15
Local clock offset: 3.323 ms
Remote clock offset: 0.731 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 93.423 ms
Loss rate: 28.35%
-- Flow 1:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 93.423 ms
Loss rate: 28.35%
```

Run 1: Report of Copa — Data Link

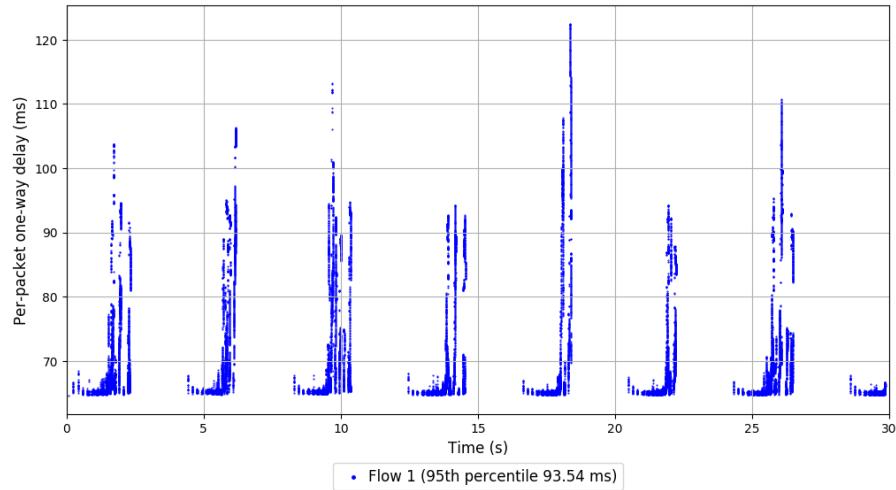
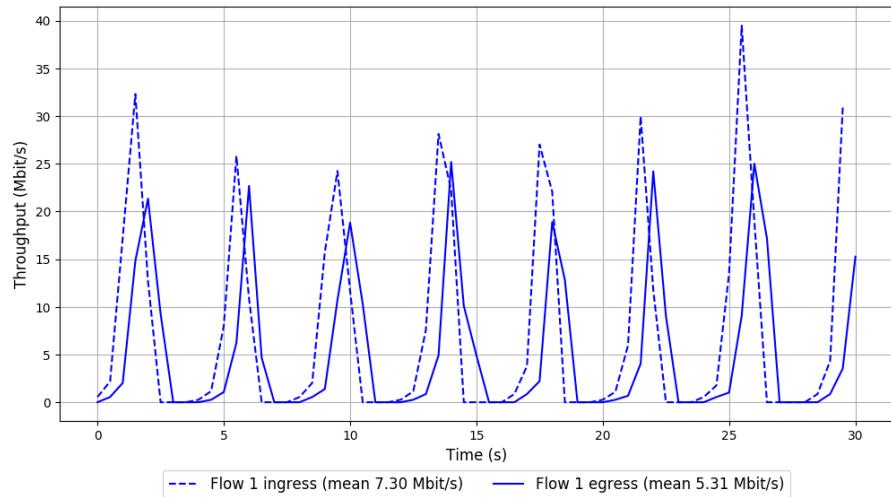


Run 2: Statistics of Copa

```
Start at: 2018-07-18 01:51:30
End at: 2018-07-18 01:52:00
Local clock offset: 6.135 ms
Remote clock offset: 1.434 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: 93.540 ms
Loss rate: 27.74%
-- Flow 1:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: 93.540 ms
Loss rate: 27.74%
```

Run 2: Report of Copa — Data Link

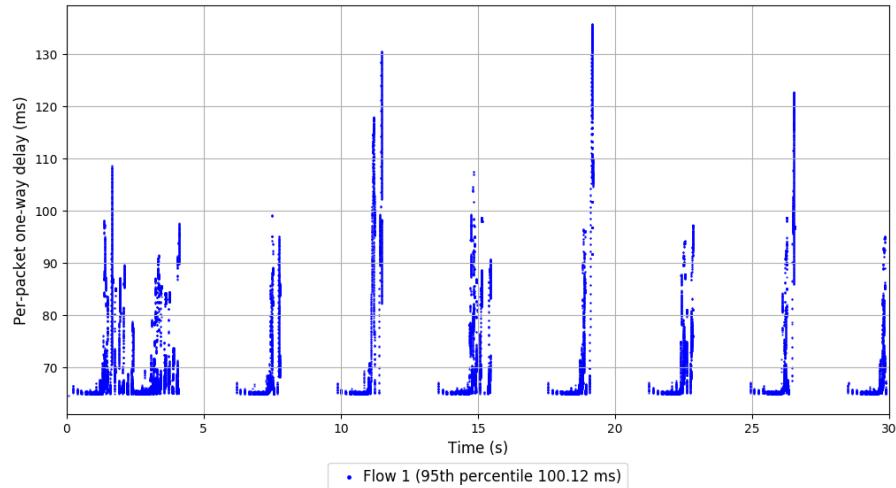
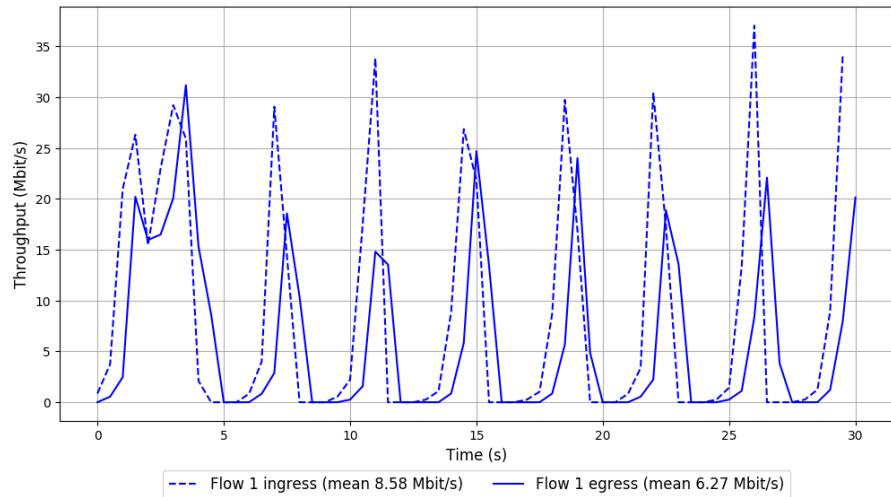


Run 3: Statistics of Copa

```
Start at: 2018-07-18 02:20:00
End at: 2018-07-18 02:20:30
Local clock offset: 5.935 ms
Remote clock offset: 2.117 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 100.125 ms
Loss rate: 27.25%
-- Flow 1:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 100.125 ms
Loss rate: 27.25%
```

Run 3: Report of Copa — Data Link

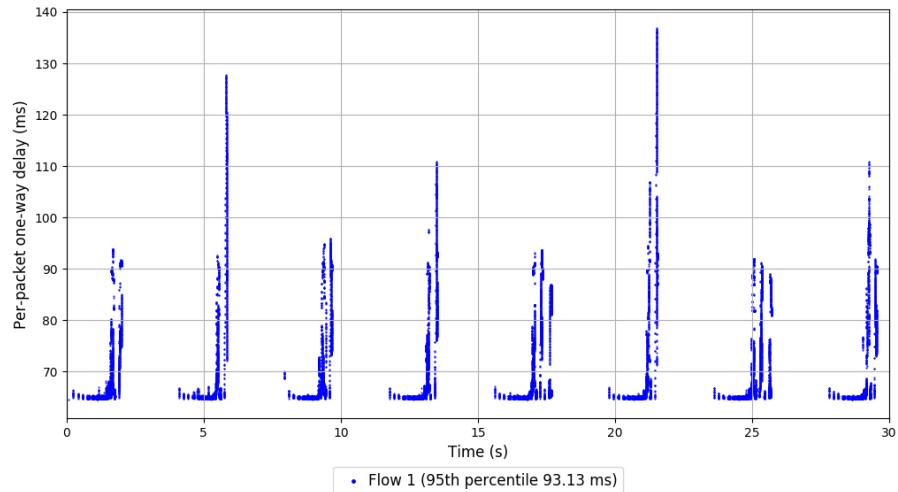
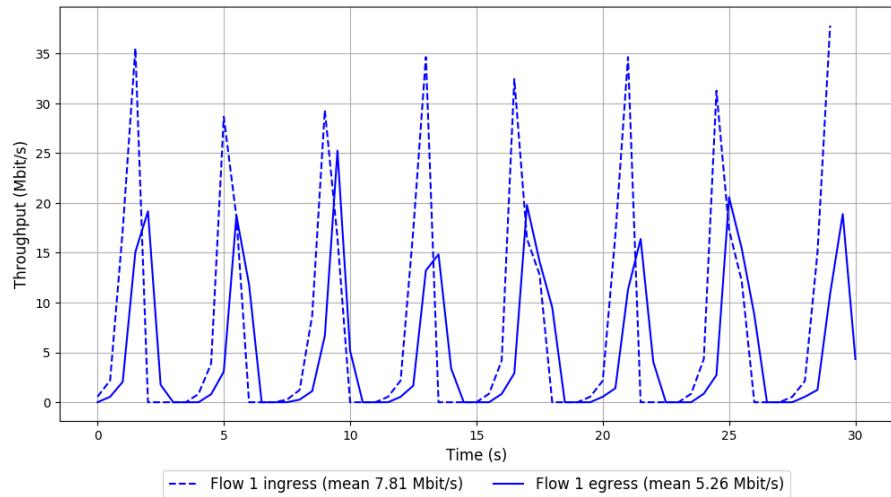


Run 4: Statistics of Copa

```
Start at: 2018-07-18 02:48:03
End at: 2018-07-18 02:48:33
Local clock offset: 6.112 ms
Remote clock offset: 2.49 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: 93.132 ms
Loss rate: 32.60%
-- Flow 1:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: 93.132 ms
Loss rate: 32.60%
```

Run 4: Report of Copa — Data Link

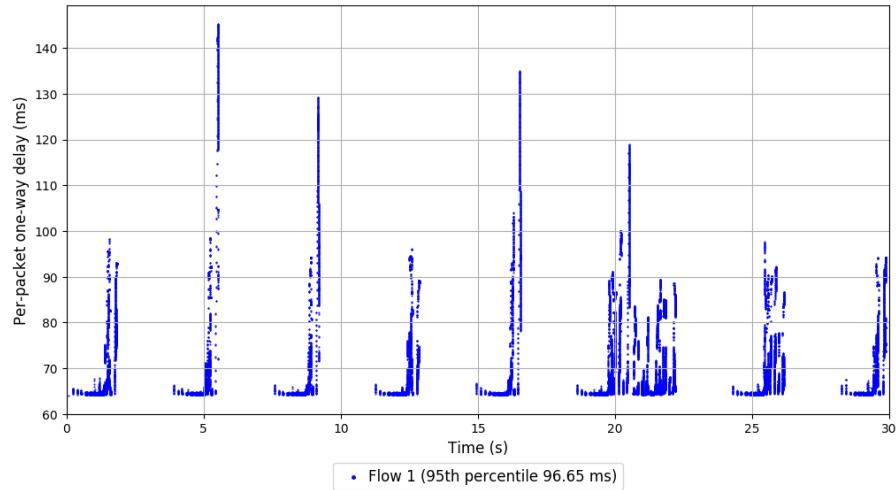
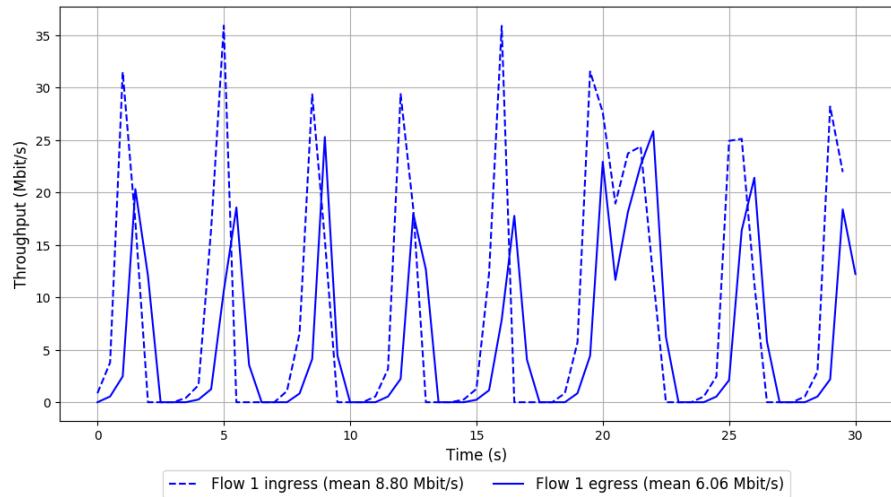


Run 5: Statistics of Copa

```
Start at: 2018-07-18 03:17:46
End at: 2018-07-18 03:18:16
Local clock offset: 6.791 ms
Remote clock offset: 2.544 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.06 Mbit/s
95th percentile per-packet one-way delay: 96.648 ms
Loss rate: 31.12%
-- Flow 1:
Average throughput: 6.06 Mbit/s
95th percentile per-packet one-way delay: 96.648 ms
Loss rate: 31.12%
```

Run 5: Report of Copa — Data Link

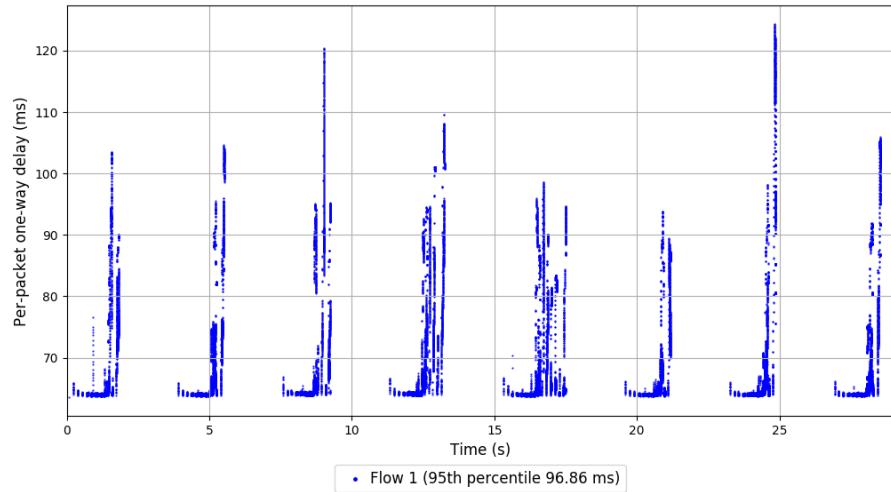
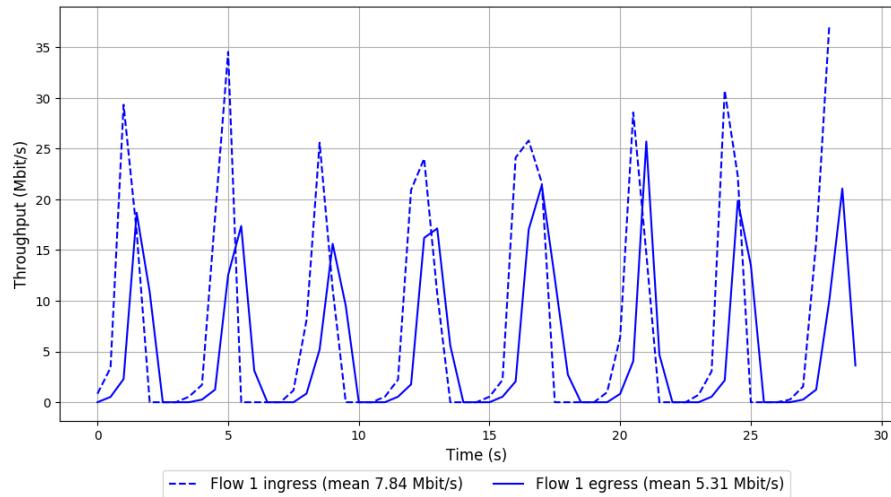


Run 6: Statistics of Copa

```
Start at: 2018-07-18 03:46:41
End at: 2018-07-18 03:47:11
Local clock offset: 6.656 ms
Remote clock offset: 2.448 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: 96.860 ms
Loss rate: 32.20%
-- Flow 1:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: 96.860 ms
Loss rate: 32.20%
```

Run 6: Report of Copa — Data Link

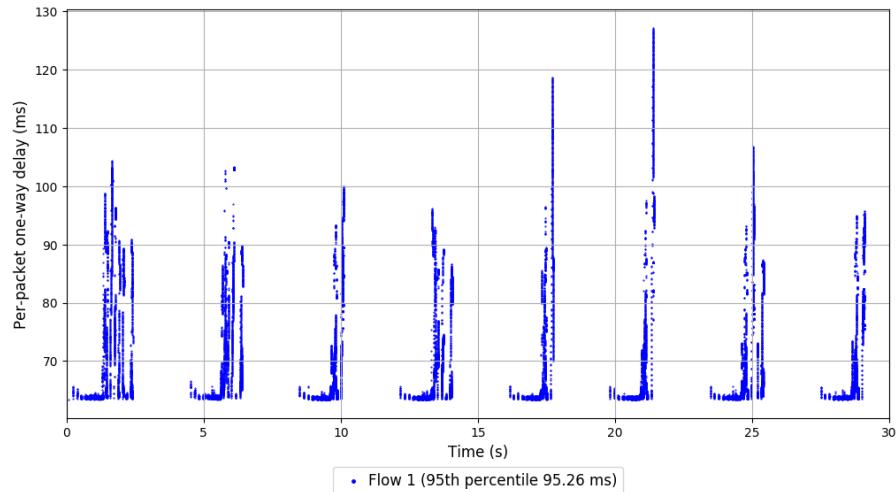
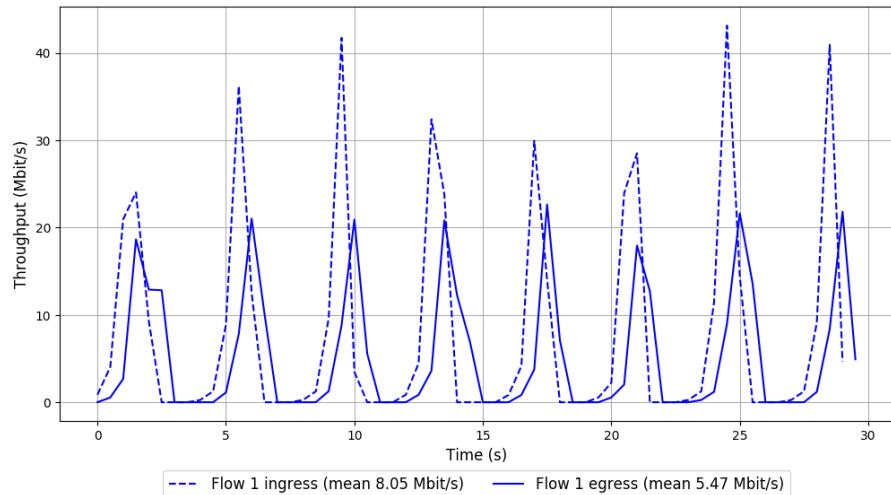


Run 7: Statistics of Copa

```
Start at: 2018-07-18 04:13:09
End at: 2018-07-18 04:13:39
Local clock offset: 6.184 ms
Remote clock offset: 2.344 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.47 Mbit/s
95th percentile per-packet one-way delay: 95.264 ms
Loss rate: 31.91%
-- Flow 1:
Average throughput: 5.47 Mbit/s
95th percentile per-packet one-way delay: 95.264 ms
Loss rate: 31.91%
```

Run 7: Report of Copa — Data Link

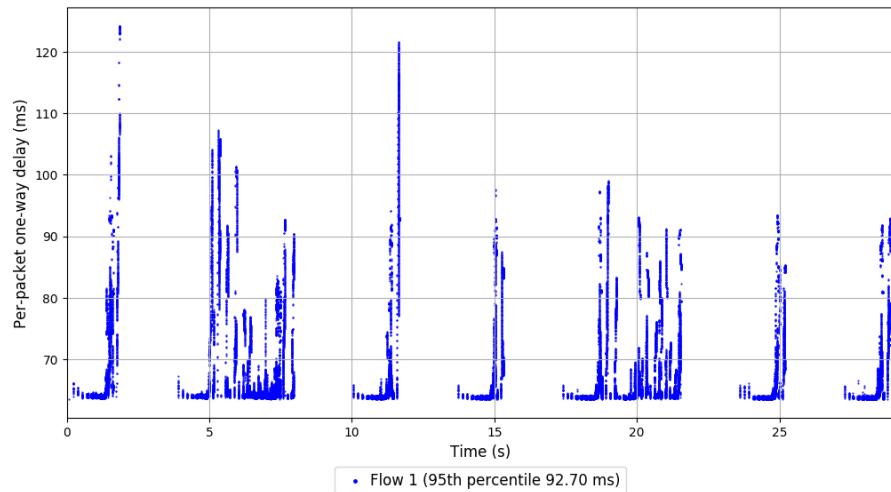
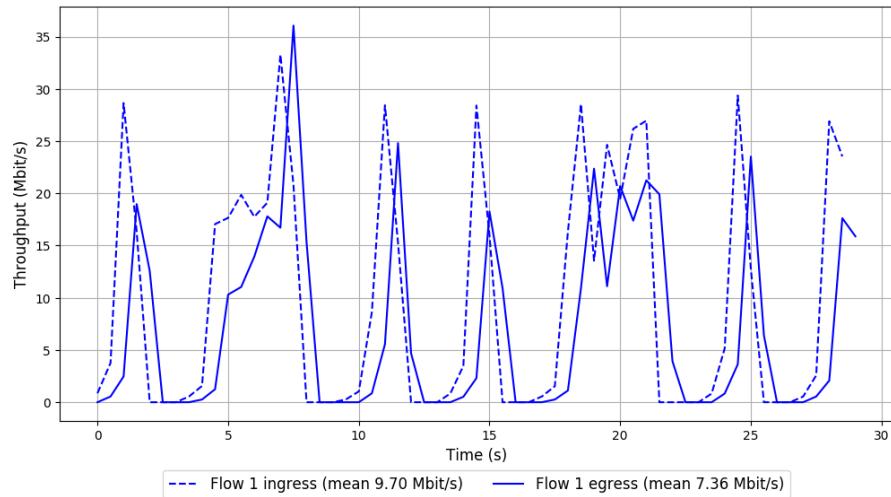


Run 8: Statistics of Copa

```
Start at: 2018-07-18 04:41:11
End at: 2018-07-18 04:41:41
Local clock offset: 4.276 ms
Remote clock offset: 1.986 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.36 Mbit/s
95th percentile per-packet one-way delay: 92.703 ms
Loss rate: 24.03%
-- Flow 1:
Average throughput: 7.36 Mbit/s
95th percentile per-packet one-way delay: 92.703 ms
Loss rate: 24.03%
```

Run 8: Report of Copa — Data Link

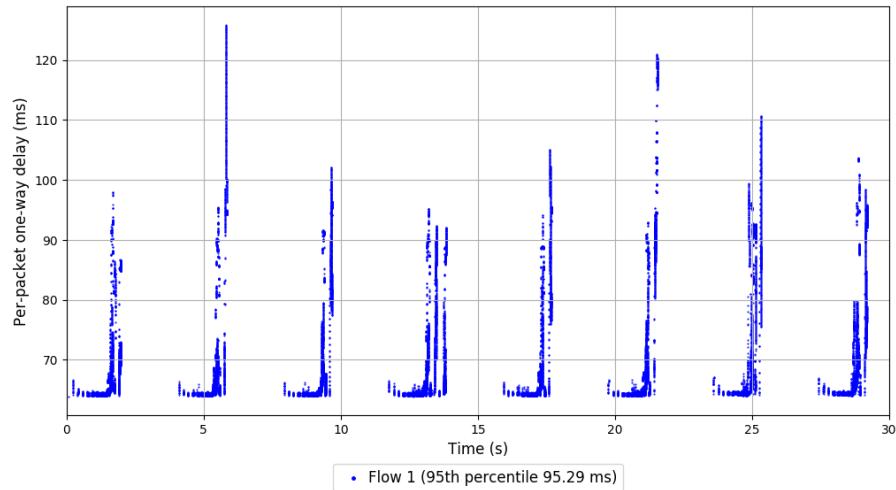
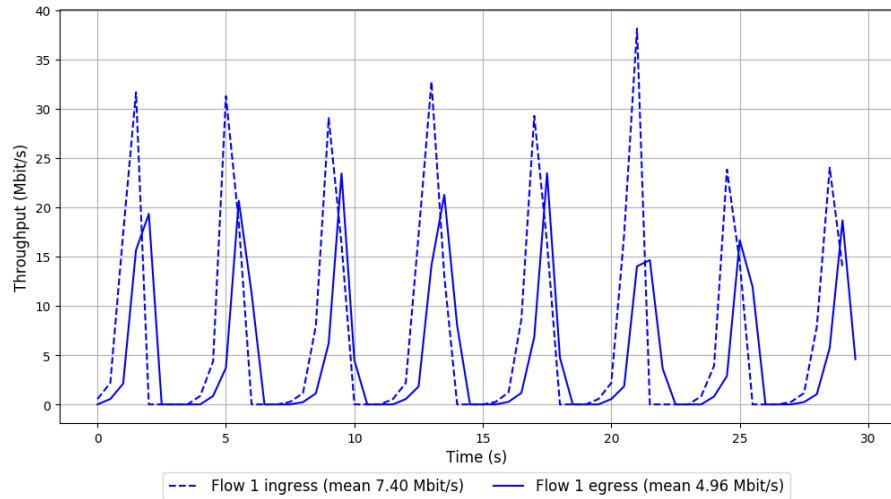


Run 9: Statistics of Copa

```
Start at: 2018-07-18 05:09:05
End at: 2018-07-18 05:09:35
Local clock offset: 5.539 ms
Remote clock offset: 1.702 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.96 Mbit/s
95th percentile per-packet one-way delay: 95.287 ms
Loss rate: 32.98%
-- Flow 1:
Average throughput: 4.96 Mbit/s
95th percentile per-packet one-way delay: 95.287 ms
Loss rate: 32.98%
```

Run 9: Report of Copa — Data Link

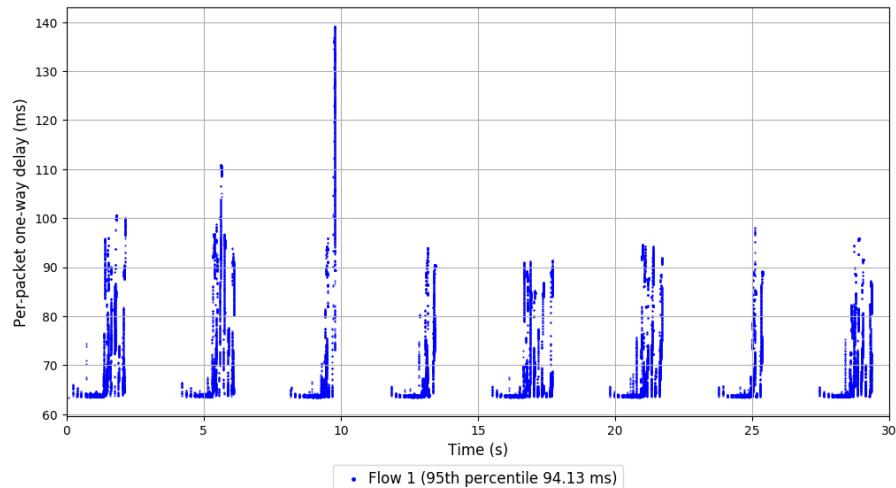
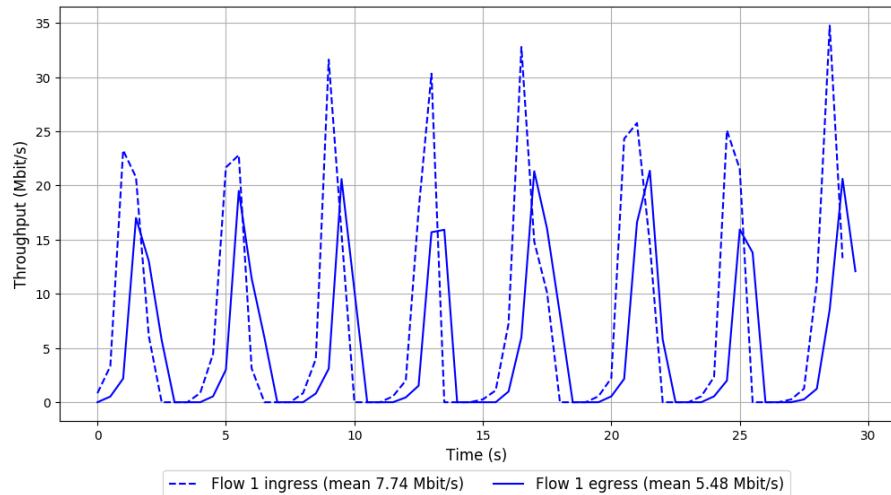


Run 10: Statistics of Copa

```
Start at: 2018-07-18 05:36:28
End at: 2018-07-18 05:36:58
Local clock offset: 0.76 ms
Remote clock offset: 1.399 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.48 Mbit/s
95th percentile per-packet one-way delay: 94.130 ms
Loss rate: 29.19%
-- Flow 1:
Average throughput: 5.48 Mbit/s
95th percentile per-packet one-way delay: 94.130 ms
Loss rate: 29.19%
```

Run 10: Report of Copa — Data Link

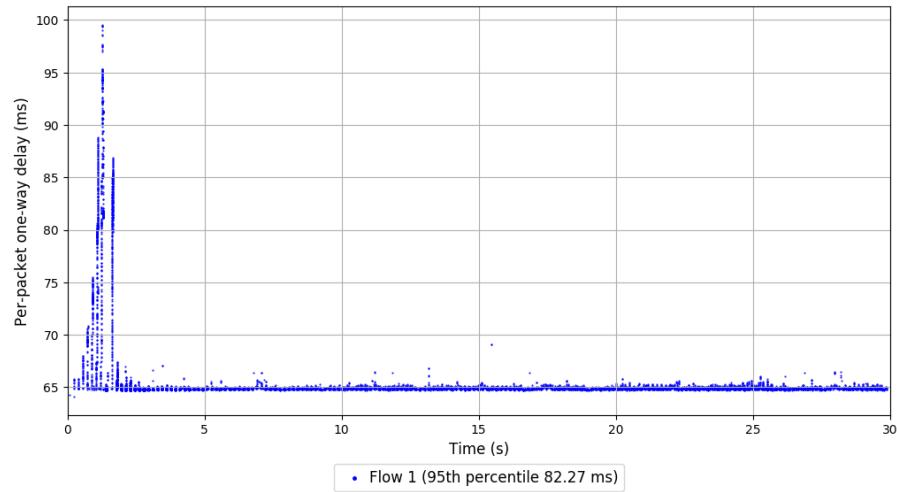
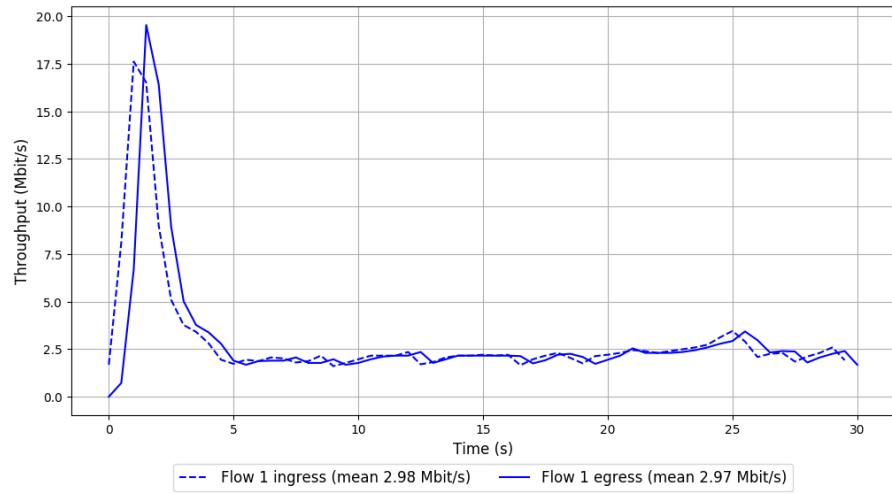


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-07-18 01:34:59
End at: 2018-07-18 01:35:29
Local clock offset: 3.785 ms
Remote clock offset: 1.144 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 82.274 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 82.274 ms
Loss rate: 0.87%
```

Run 1: Report of TCP Cubic — Data Link

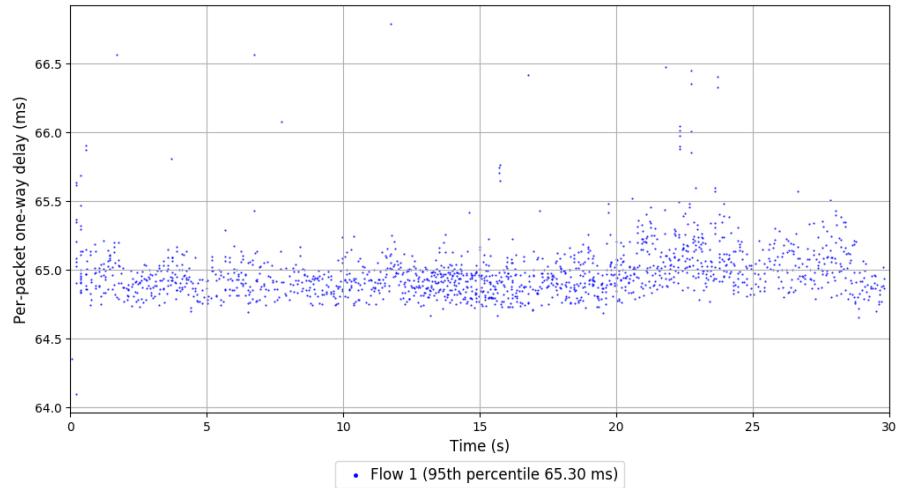
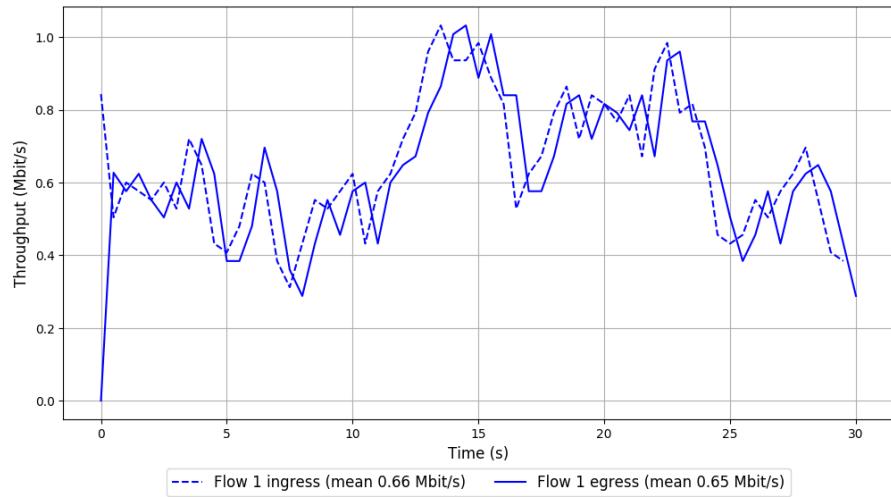


Run 2: Statistics of TCP Cubic

```
Start at: 2018-07-18 02:04:12
End at: 2018-07-18 02:04:42
Local clock offset: 6.978 ms
Remote clock offset: 1.698 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 65.302 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 65.302 ms
Loss rate: 2.02%
```

Run 2: Report of TCP Cubic — Data Link

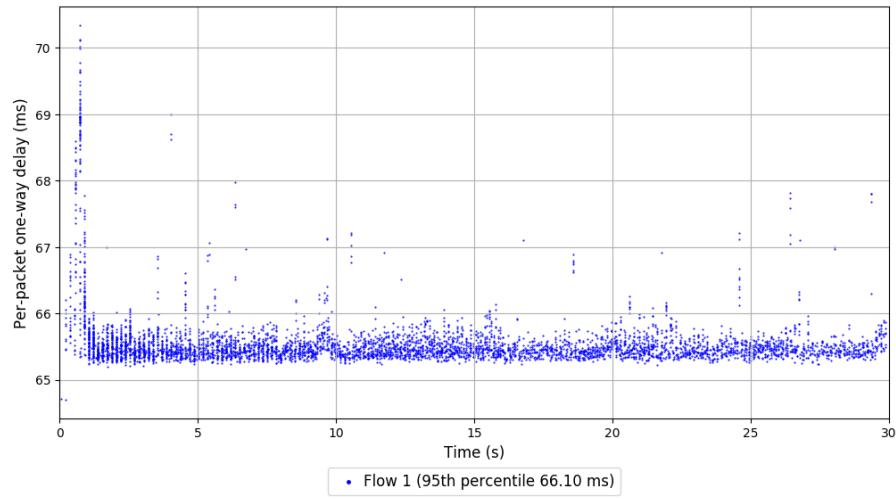
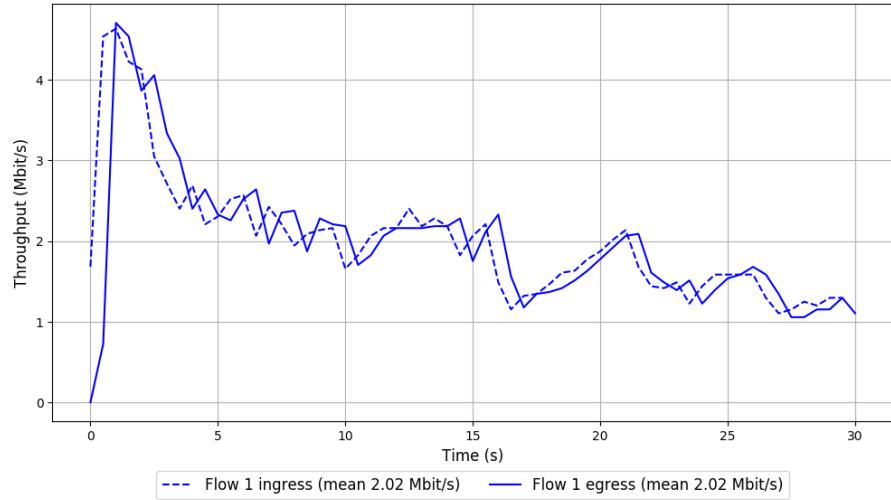


Run 3: Statistics of TCP Cubic

```
Start at: 2018-07-18 02:32:03
End at: 2018-07-18 02:32:33
Local clock offset: 5.467 ms
Remote clock offset: 2.227 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 66.098 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 66.098 ms
Loss rate: 0.75%
```

Run 3: Report of TCP Cubic — Data Link

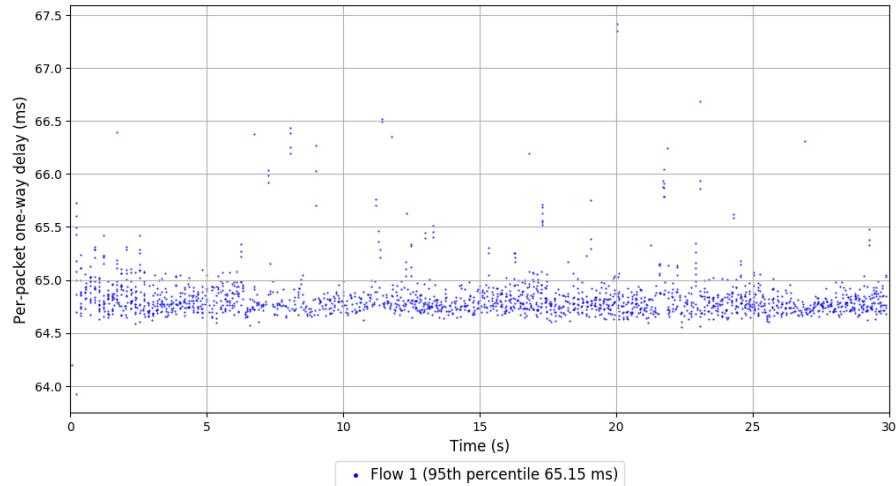
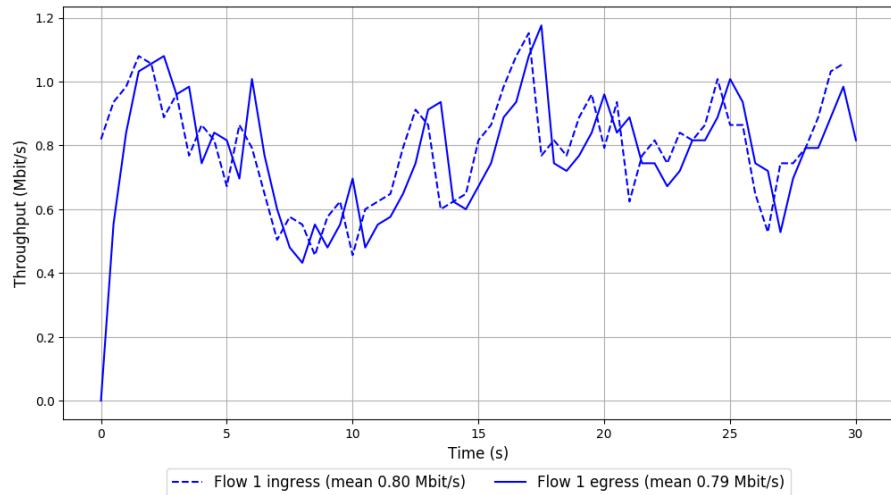


Run 4: Statistics of TCP Cubic

```
Start at: 2018-07-18 02:59:54
End at: 2018-07-18 03:00:24
Local clock offset: 6.867 ms
Remote clock offset: 2.549 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 65.151 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 65.151 ms
Loss rate: 1.81%
```

Run 4: Report of TCP Cubic — Data Link

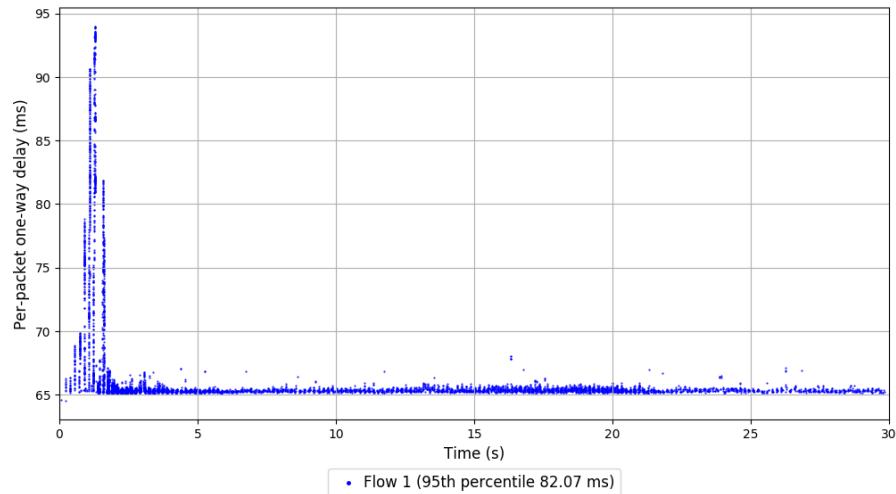
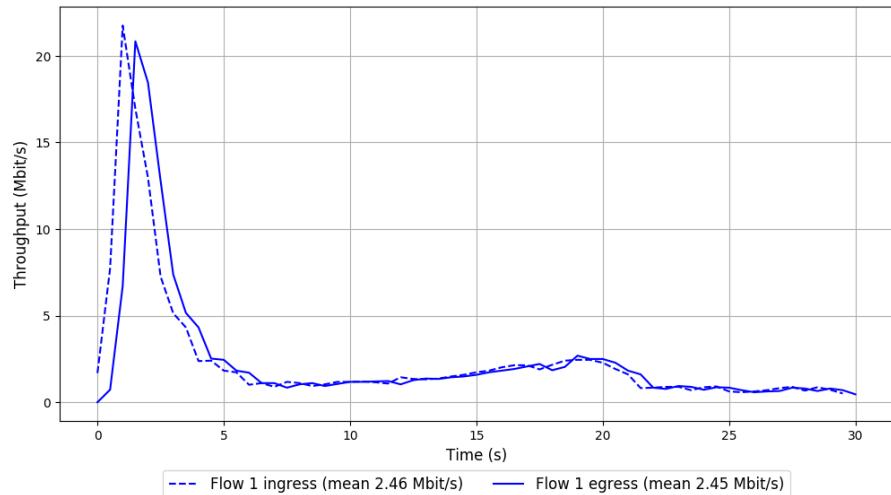


Run 5: Statistics of TCP Cubic

```
Start at: 2018-07-18 03:29:55
End at: 2018-07-18 03:30:25
Local clock offset: 6.851 ms
Remote clock offset: 2.652 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 82.074 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 82.074 ms
Loss rate: 1.07%
```

Run 5: Report of TCP Cubic — Data Link

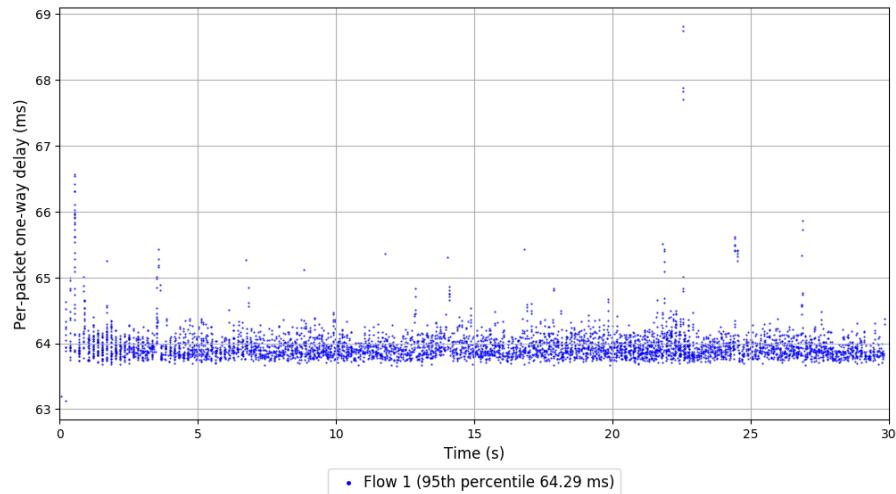
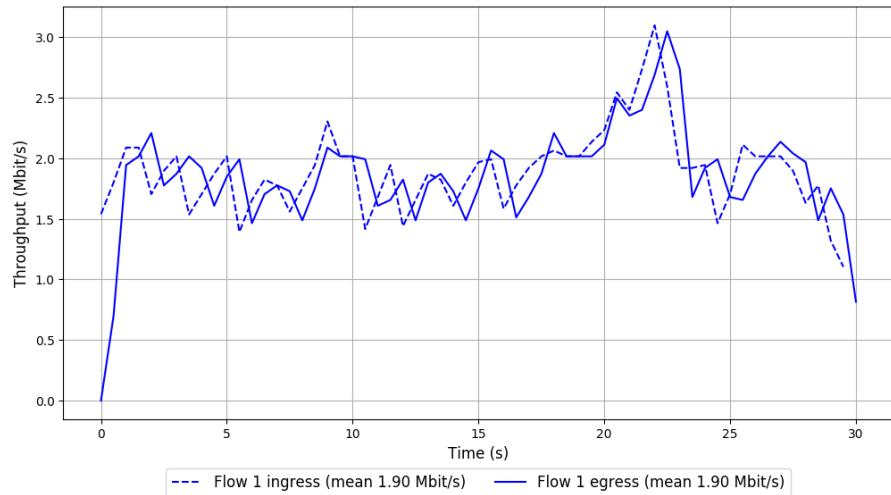


Run 6: Statistics of TCP Cubic

```
Start at: 2018-07-18 03:58:23
End at: 2018-07-18 03:58:53
Local clock offset: 6.419 ms
Remote clock offset: 2.405 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 64.293 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 64.293 ms
Loss rate: 0.68%
```

Run 6: Report of TCP Cubic — Data Link

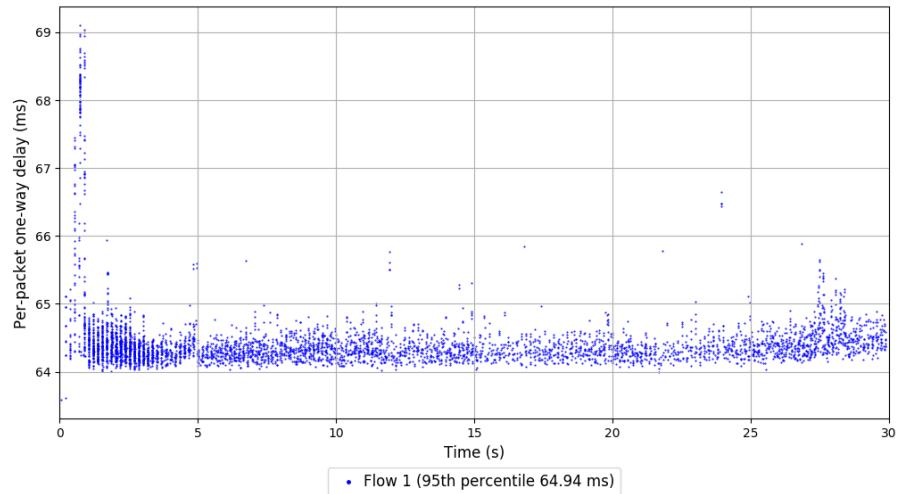
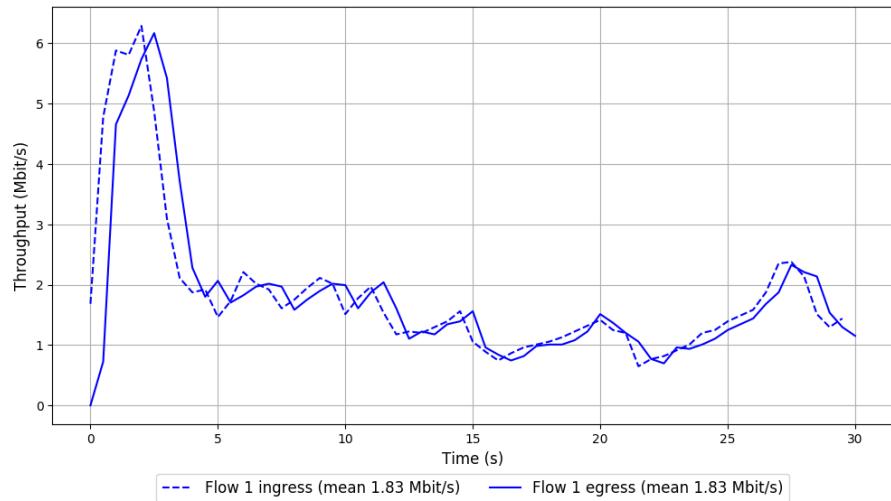


Run 7: Statistics of TCP Cubic

```
Start at: 2018-07-18 04:24:42
End at: 2018-07-18 04:25:12
Local clock offset: 4.964 ms
Remote clock offset: 2.184 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 64.943 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 64.943 ms
Loss rate: 0.92%
```

Run 7: Report of TCP Cubic — Data Link

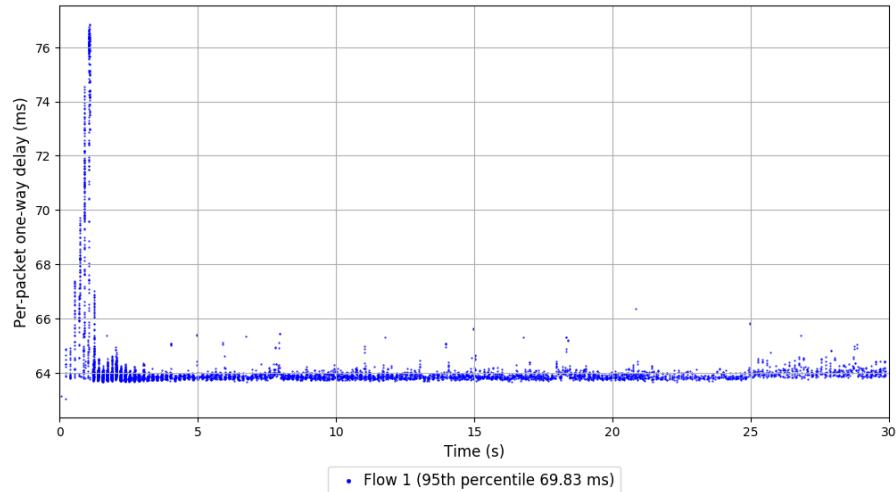
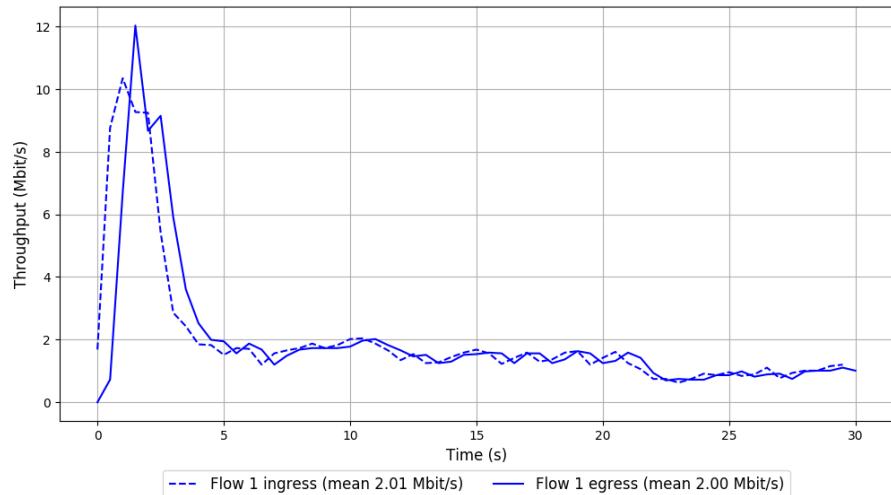


Run 8: Statistics of TCP Cubic

```
Start at: 2018-07-18 04:53:44
End at: 2018-07-18 04:54:14
Local clock offset: 5.553 ms
Remote clock offset: 1.898 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 69.828 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 69.828 ms
Loss rate: 0.82%
```

Run 8: Report of TCP Cubic — Data Link

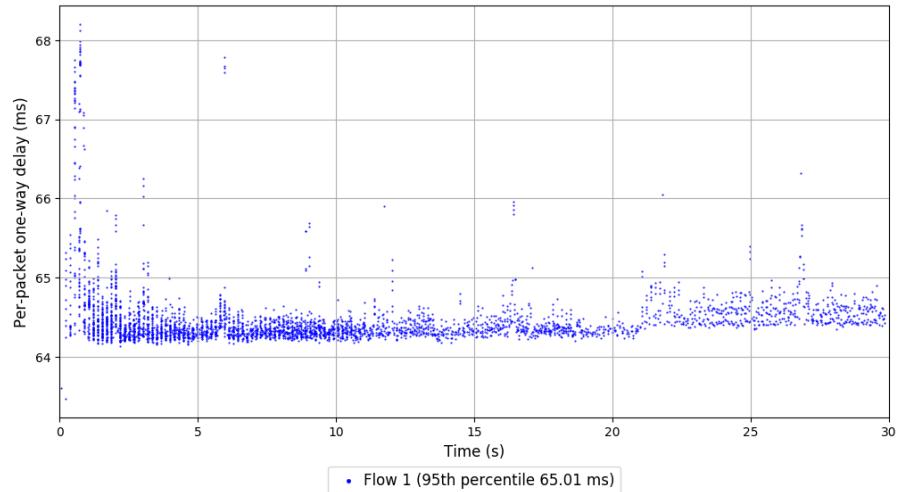
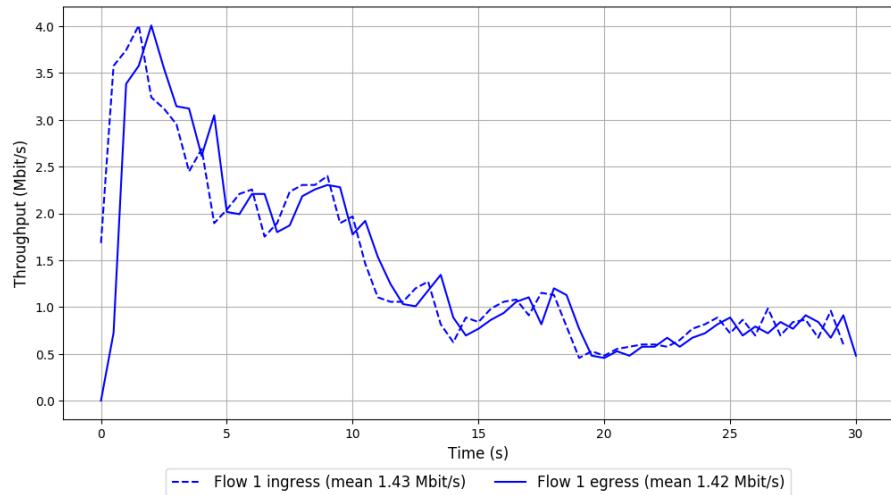


Run 9: Statistics of TCP Cubic

```
Start at: 2018-07-18 05:21:04
End at: 2018-07-18 05:21:34
Local clock offset: 2.722 ms
Remote clock offset: 1.501 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 65.006 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 65.006 ms
Loss rate: 0.93%
```

Run 9: Report of TCP Cubic — Data Link

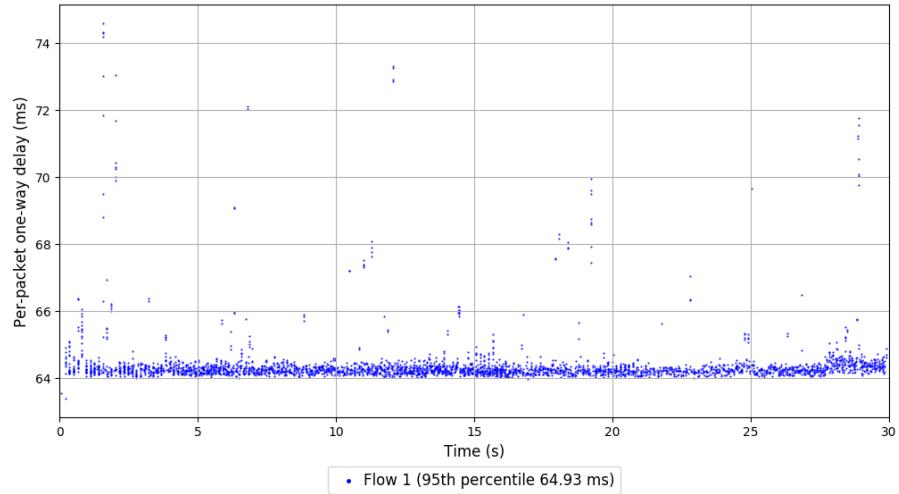
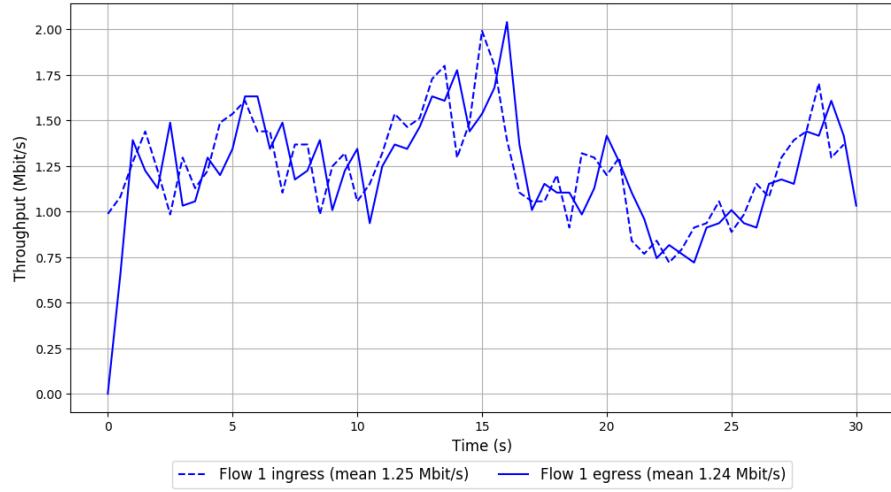


Run 10: Statistics of TCP Cubic

```
Start at: 2018-07-18 05:47:59
End at: 2018-07-18 05:48:29
Local clock offset: 1.15 ms
Remote clock offset: 1.137 ms

# Below is generated by plot.py at 2018-07-18 05:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 64.931 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 64.931 ms
Loss rate: 1.18%
```

Run 10: Report of TCP Cubic — Data Link

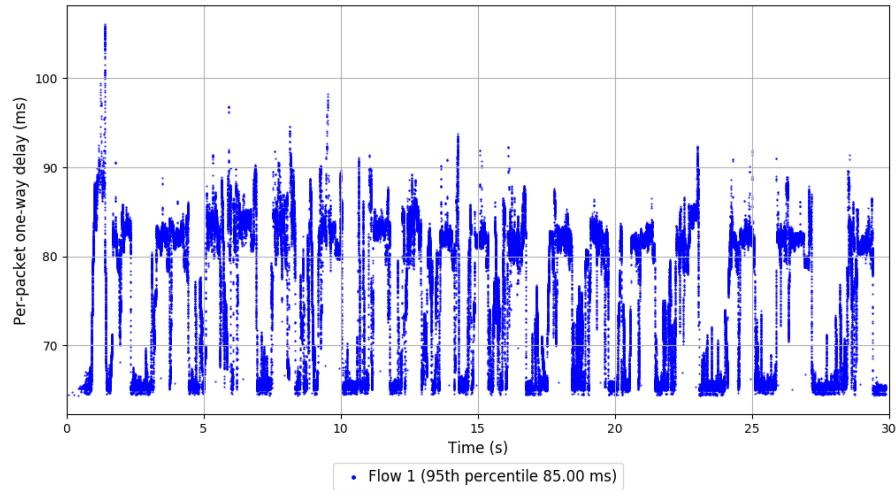
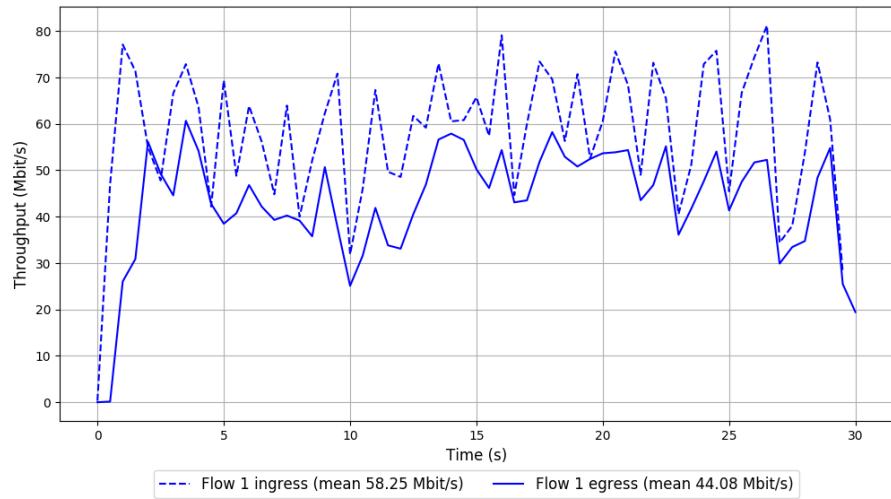


```
Run 1: Statistics of FillP

Start at: 2018-07-18 01:08:29
End at: 2018-07-18 01:08:59
Local clock offset: 1.755 ms
Remote clock offset: 0.435 ms

# Below is generated by plot.py at 2018-07-18 05:51:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.08 Mbit/s
95th percentile per-packet one-way delay: 85.001 ms
Loss rate: 24.73%
-- Flow 1:
Average throughput: 44.08 Mbit/s
95th percentile per-packet one-way delay: 85.001 ms
Loss rate: 24.73%
```

Run 1: Report of FillP — Data Link

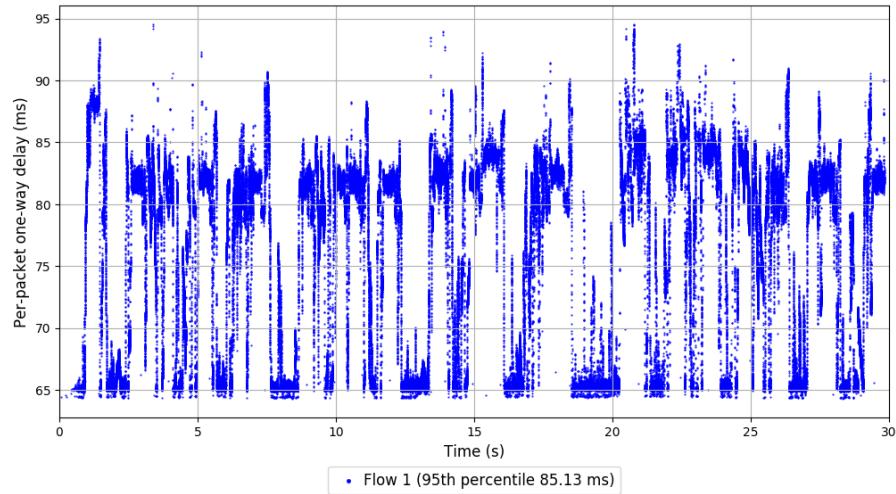
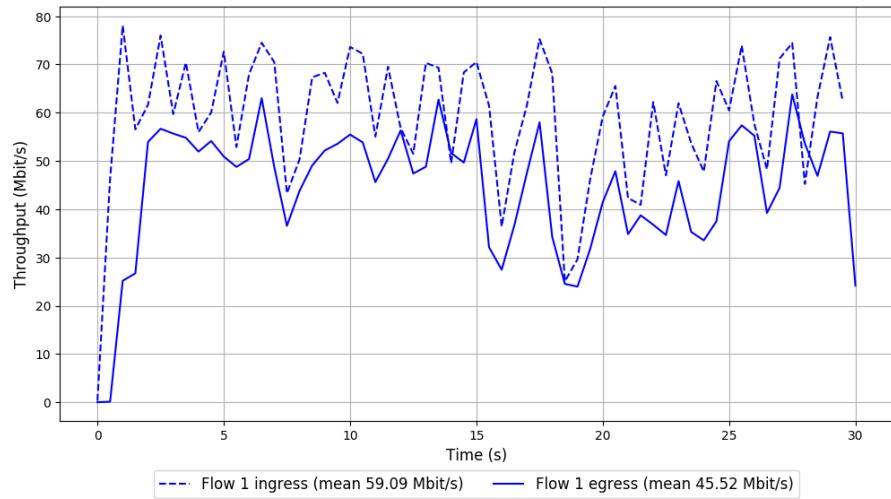


Run 2: Statistics of FillP

```
Start at: 2018-07-18 01:36:18
End at: 2018-07-18 01:36:48
Local clock offset: 3.902 ms
Remote clock offset: 1.072 ms

# Below is generated by plot.py at 2018-07-18 05:51:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 85.128 ms
Loss rate: 23.37%
-- Flow 1:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 85.128 ms
Loss rate: 23.37%
```

Run 2: Report of FillP — Data Link

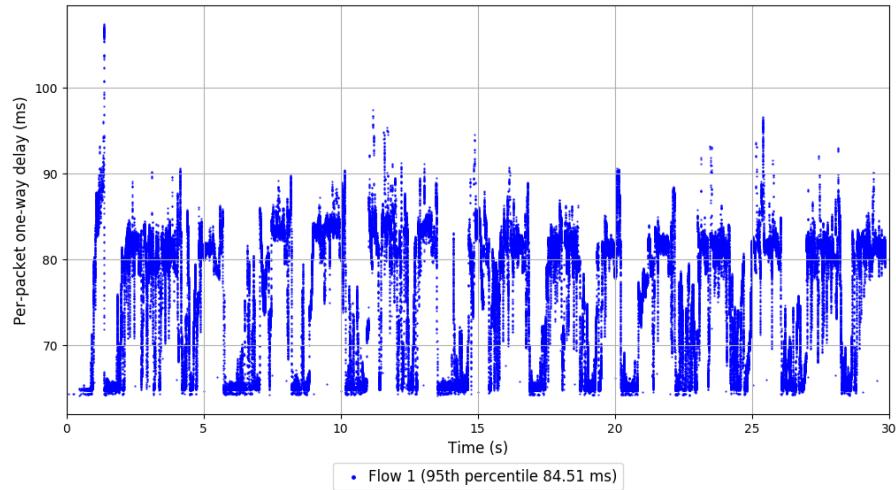
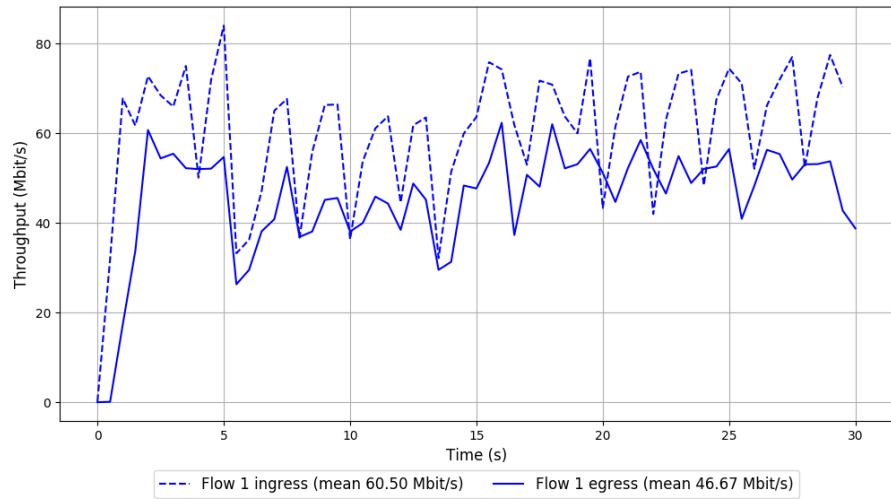


Run 3: Statistics of FillP

```
Start at: 2018-07-18 02:05:28
End at: 2018-07-18 02:05:58
Local clock offset: 7.139 ms
Remote clock offset: 1.793 ms

# Below is generated by plot.py at 2018-07-18 05:51:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.67 Mbit/s
95th percentile per-packet one-way delay: 84.508 ms
Loss rate: 23.27%
-- Flow 1:
Average throughput: 46.67 Mbit/s
95th percentile per-packet one-way delay: 84.508 ms
Loss rate: 23.27%
```

Run 3: Report of FillP — Data Link

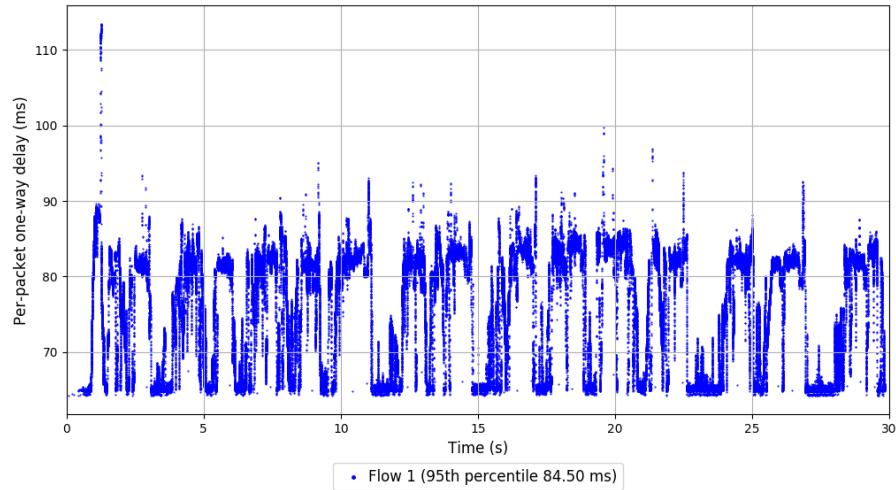
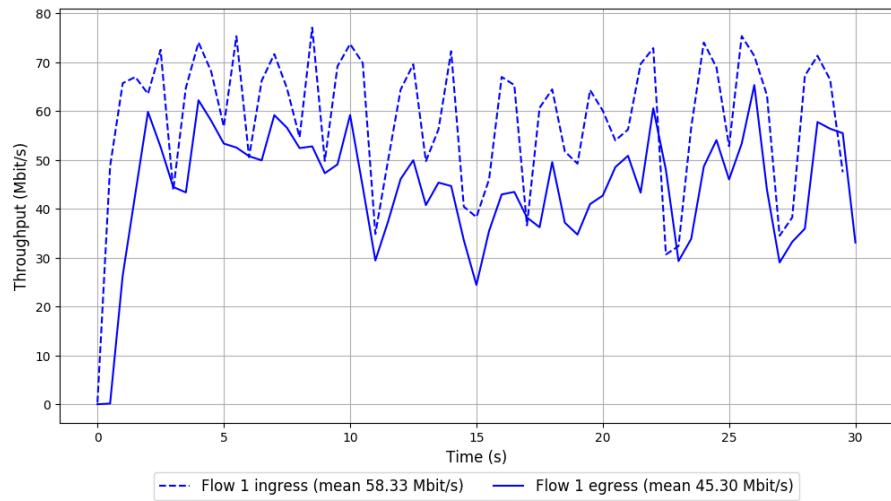


Run 4: Statistics of FillP

```
Start at: 2018-07-18 02:33:20
End at: 2018-07-18 02:33:50
Local clock offset: 5.343 ms
Remote clock offset: 2.327 ms

# Below is generated by plot.py at 2018-07-18 05:51:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.30 Mbit/s
95th percentile per-packet one-way delay: 84.499 ms
Loss rate: 22.77%
-- Flow 1:
Average throughput: 45.30 Mbit/s
95th percentile per-packet one-way delay: 84.499 ms
Loss rate: 22.77%
```

Run 4: Report of FillP — Data Link

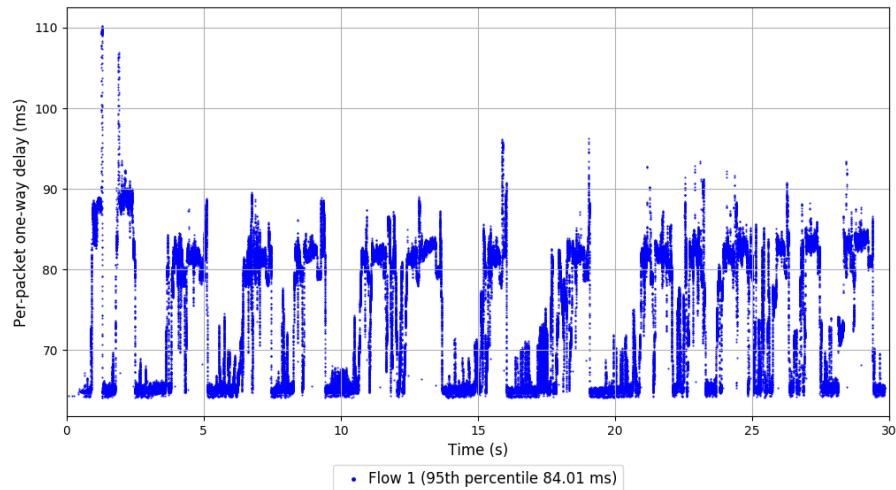
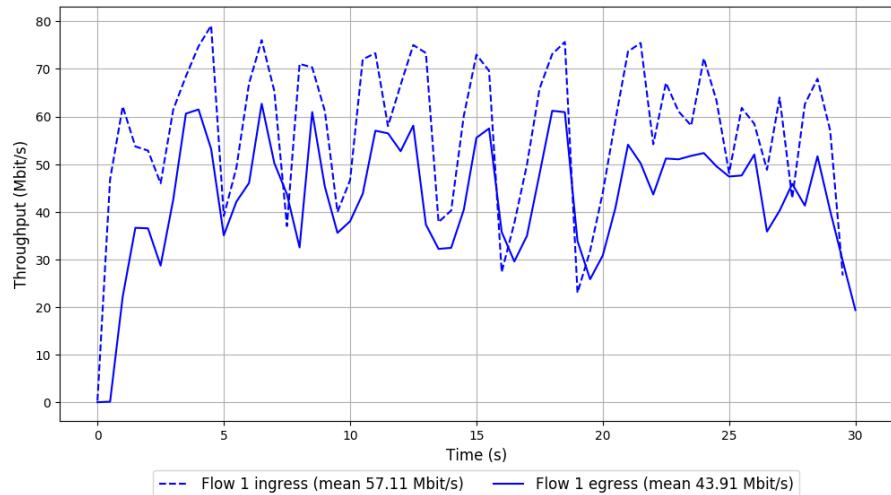


Run 5: Statistics of FillP

```
Start at: 2018-07-18 03:01:11
End at: 2018-07-18 03:01:41
Local clock offset: 6.657 ms
Remote clock offset: 2.596 ms

# Below is generated by plot.py at 2018-07-18 05:51:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.91 Mbit/s
95th percentile per-packet one-way delay: 84.011 ms
Loss rate: 23.53%
-- Flow 1:
Average throughput: 43.91 Mbit/s
95th percentile per-packet one-way delay: 84.011 ms
Loss rate: 23.53%
```

Run 5: Report of FillP — Data Link

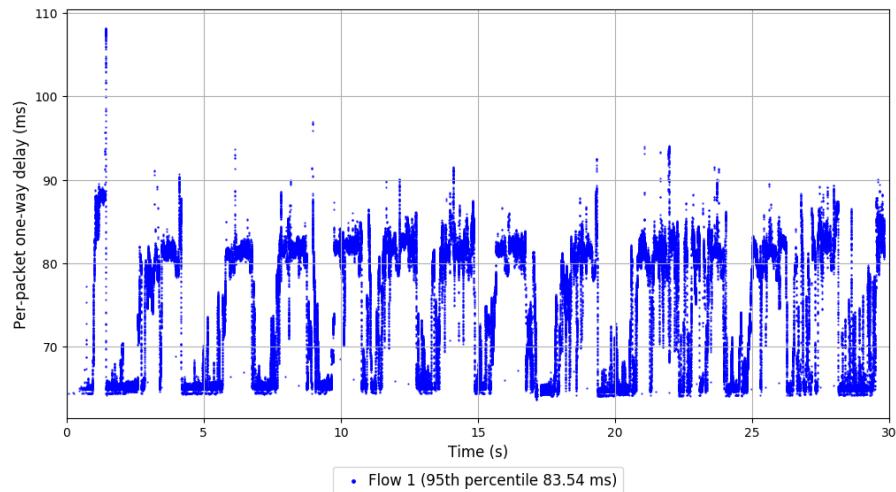
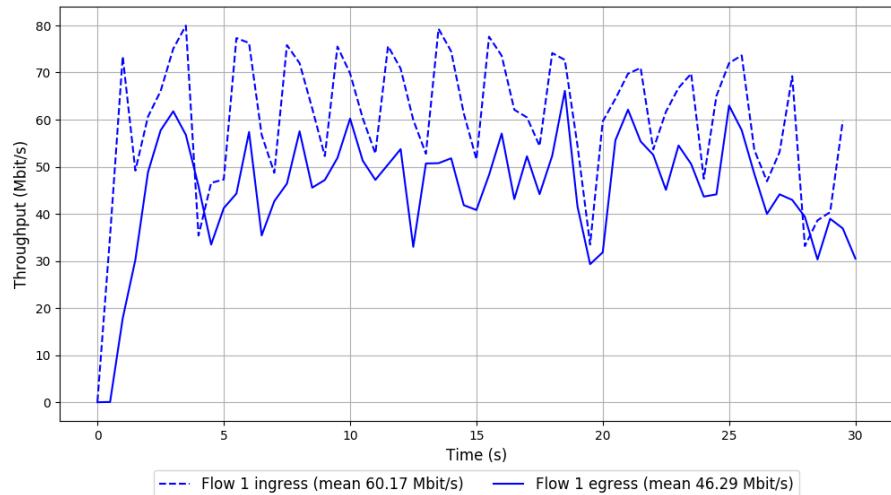


Run 6: Statistics of FillP

```
Start at: 2018-07-18 03:31:12
End at: 2018-07-18 03:31:42
Local clock offset: 6.682 ms
Remote clock offset: 2.674 ms

# Below is generated by plot.py at 2018-07-18 05:51:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.29 Mbit/s
95th percentile per-packet one-way delay: 83.541 ms
Loss rate: 23.61%
-- Flow 1:
Average throughput: 46.29 Mbit/s
95th percentile per-packet one-way delay: 83.541 ms
Loss rate: 23.61%
```

Run 6: Report of FillP — Data Link

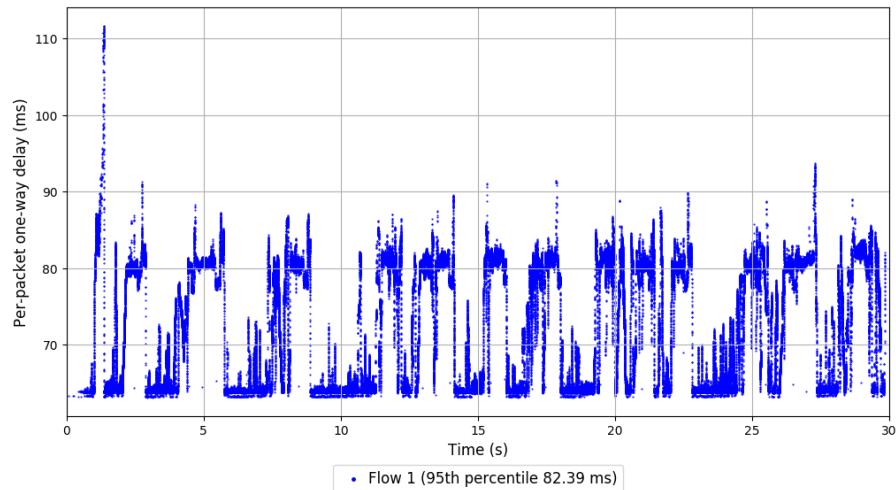
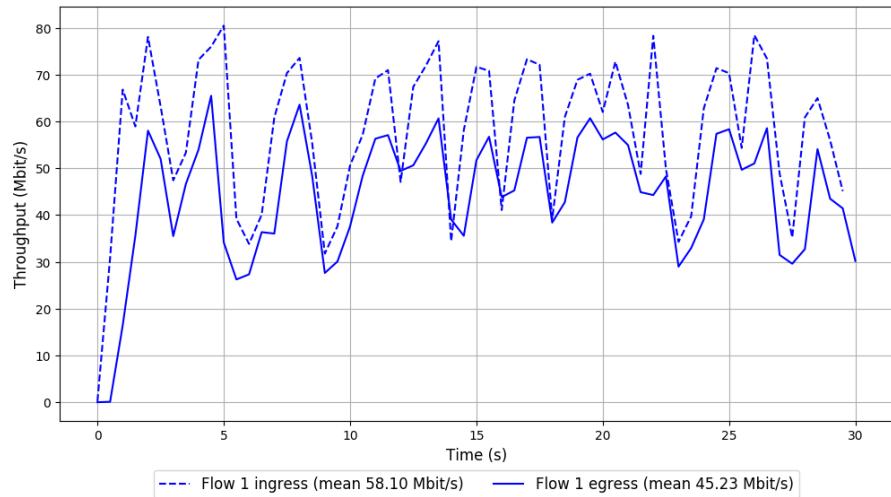


Run 7: Statistics of FillP

```
Start at: 2018-07-18 03:59:40
End at: 2018-07-18 04:00:10
Local clock offset: 6.417 ms
Remote clock offset: 2.374 ms

# Below is generated by plot.py at 2018-07-18 05:51:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 82.389 ms
Loss rate: 22.57%
-- Flow 1:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 82.389 ms
Loss rate: 22.57%
```

Run 7: Report of FillP — Data Link

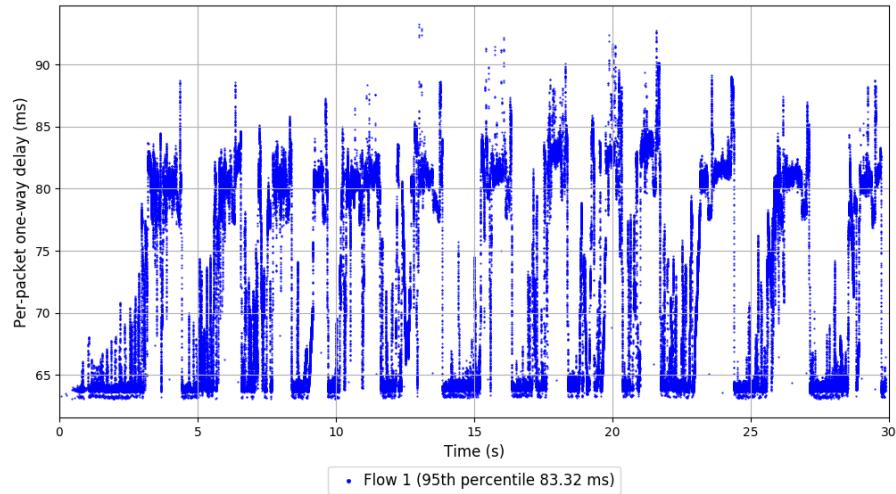
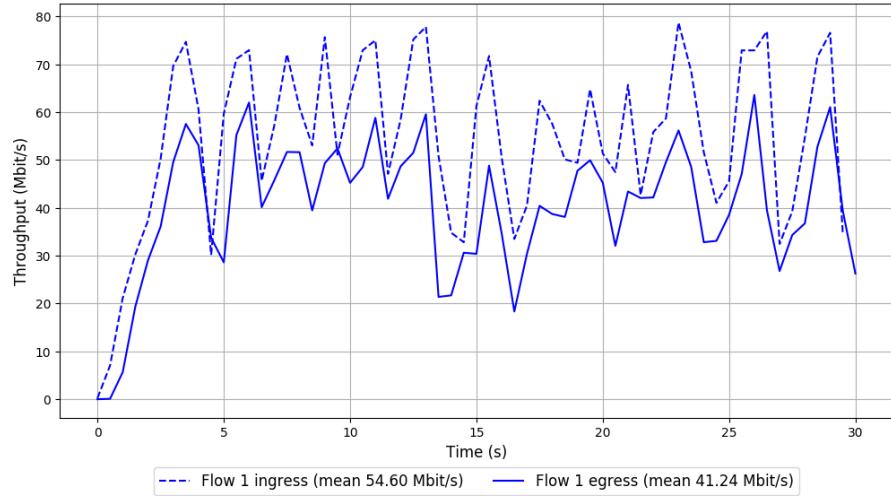


Run 8: Statistics of FillP

```
Start at: 2018-07-18 04:25:58
End at: 2018-07-18 04:26:28
Local clock offset: 4.942 ms
Remote clock offset: 2.156 ms

# Below is generated by plot.py at 2018-07-18 05:51:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.24 Mbit/s
95th percentile per-packet one-way delay: 83.320 ms
Loss rate: 24.86%
-- Flow 1:
Average throughput: 41.24 Mbit/s
95th percentile per-packet one-way delay: 83.320 ms
Loss rate: 24.86%
```

Run 8: Report of FillP — Data Link

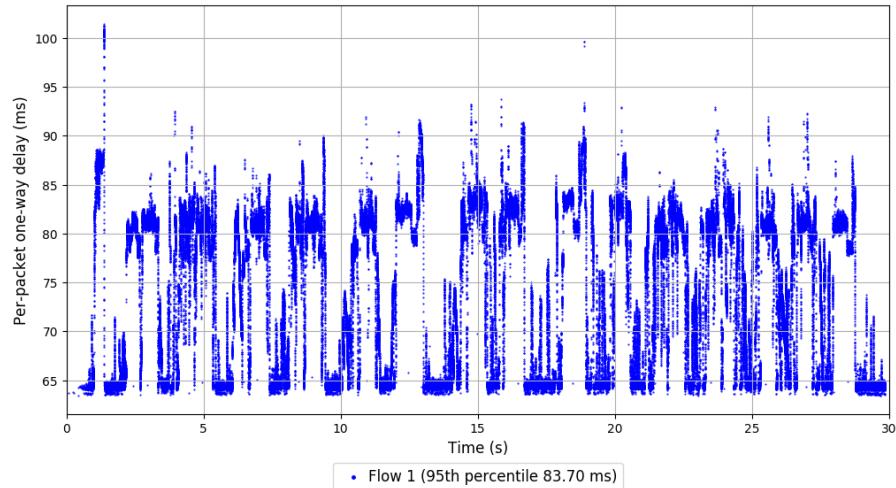
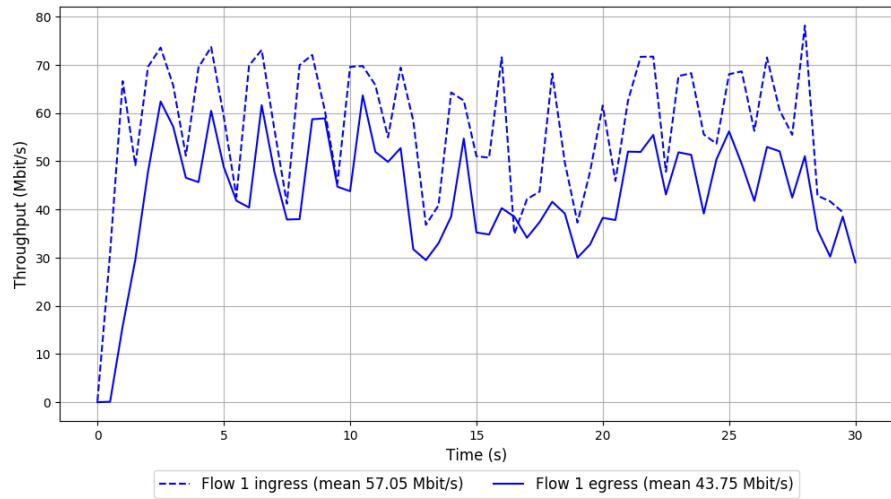


Run 9: Statistics of FillP

```
Start at: 2018-07-18 04:55:01
End at: 2018-07-18 04:55:31
Local clock offset: 5.689 ms
Remote clock offset: 1.883 ms

# Below is generated by plot.py at 2018-07-18 05:52:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 83.705 ms
Loss rate: 23.73%
-- Flow 1:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 83.705 ms
Loss rate: 23.73%
```

Run 9: Report of FillP — Data Link

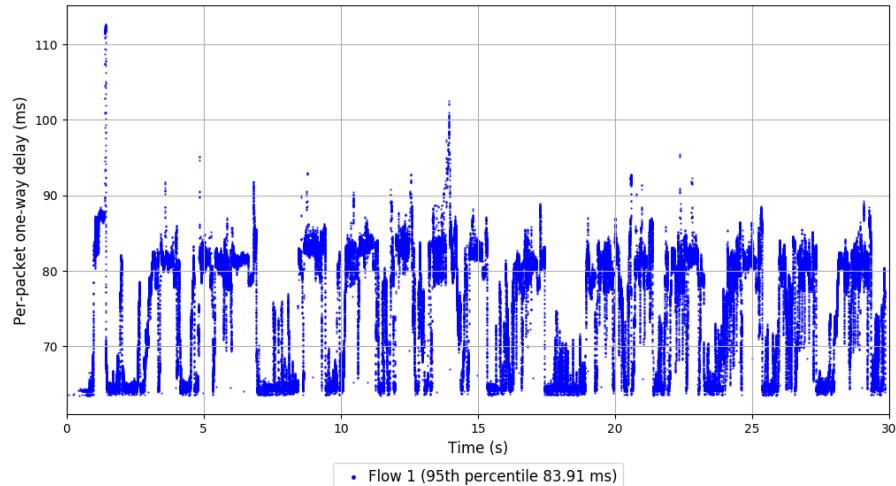
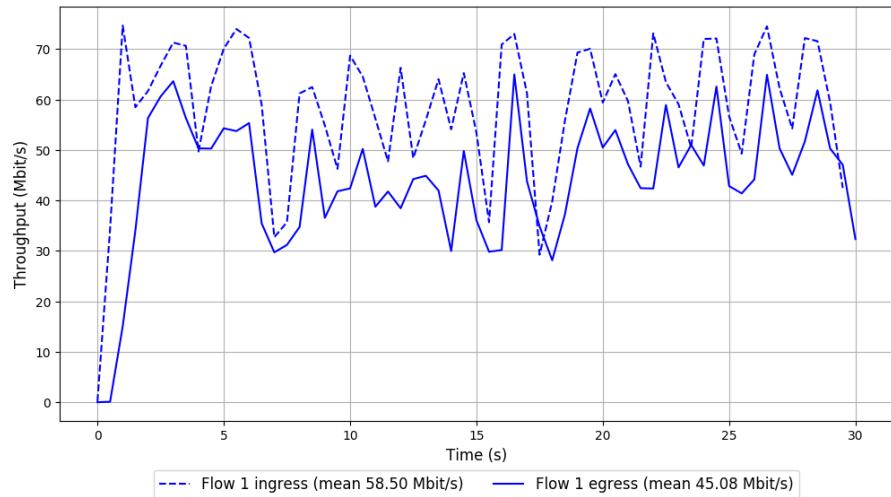


Run 10: Statistics of FillP

```
Start at: 2018-07-18 05:22:21
End at: 2018-07-18 05:22:51
Local clock offset: 2.449 ms
Remote clock offset: 1.479 ms

# Below is generated by plot.py at 2018-07-18 05:52:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.08 Mbit/s
95th percentile per-packet one-way delay: 83.907 ms
Loss rate: 23.34%
-- Flow 1:
Average throughput: 45.08 Mbit/s
95th percentile per-packet one-way delay: 83.907 ms
Loss rate: 23.34%
```

Run 10: Report of FillP — Data Link

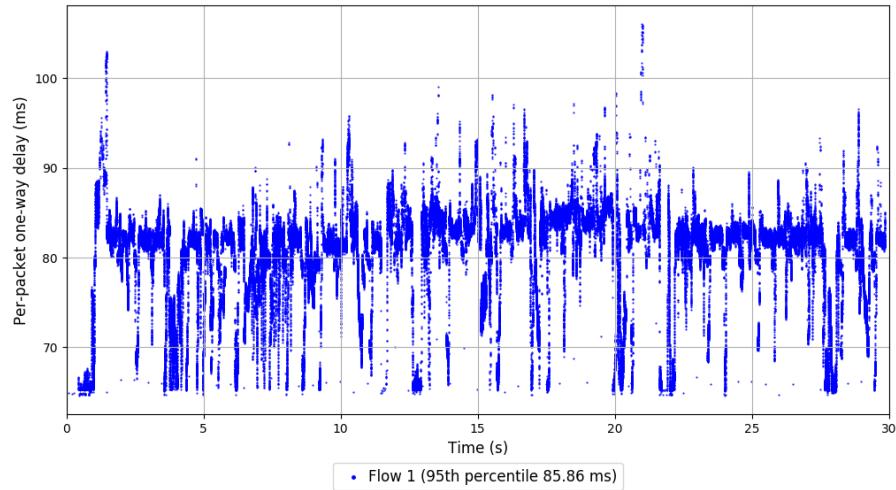
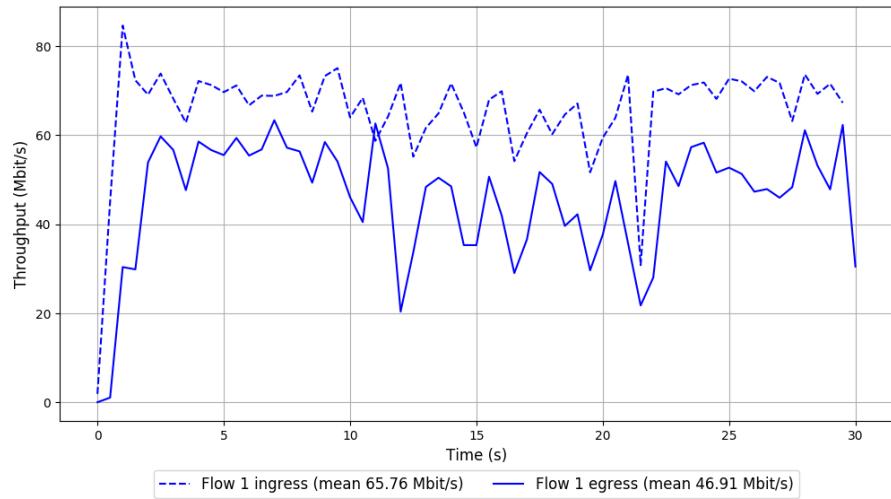


Run 1: Statistics of FillP-Sheep

```
Start at: 2018-07-18 01:10:24
End at: 2018-07-18 01:10:54
Local clock offset: 1.666 ms
Remote clock offset: 0.443 ms

# Below is generated by plot.py at 2018-07-18 05:52:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.91 Mbit/s
95th percentile per-packet one-way delay: 85.862 ms
Loss rate: 29.06%
-- Flow 1:
Average throughput: 46.91 Mbit/s
95th percentile per-packet one-way delay: 85.862 ms
Loss rate: 29.06%
```

Run 1: Report of FillP-Sheep — Data Link

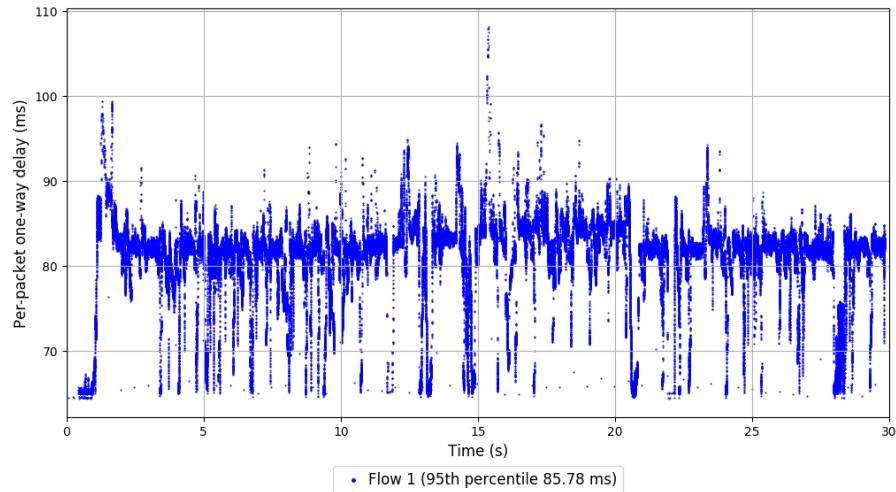
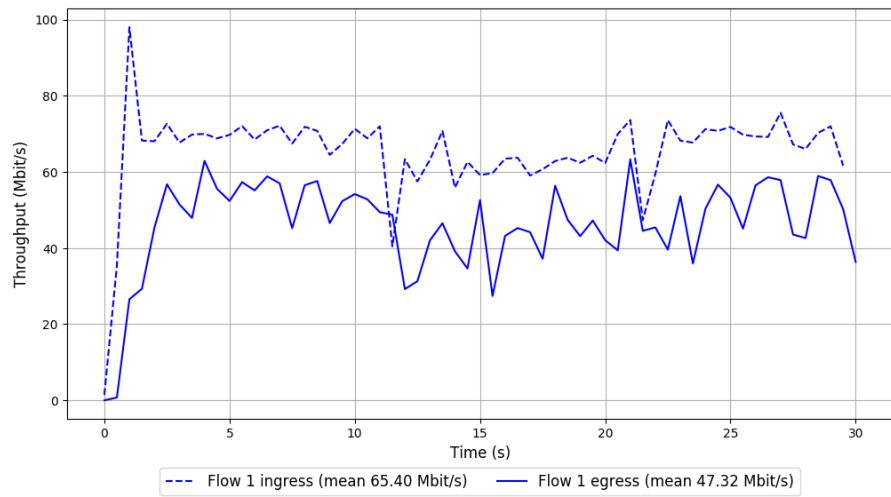


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-07-18 01:38:23
End at: 2018-07-18 01:38:53
Local clock offset: 4.138 ms
Remote clock offset: 1.157 ms

# Below is generated by plot.py at 2018-07-18 05:52:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.32 Mbit/s
95th percentile per-packet one-way delay: 85.776 ms
Loss rate: 28.04%
-- Flow 1:
Average throughput: 47.32 Mbit/s
95th percentile per-packet one-way delay: 85.776 ms
Loss rate: 28.04%
```

Run 2: Report of FillP-Sheep — Data Link

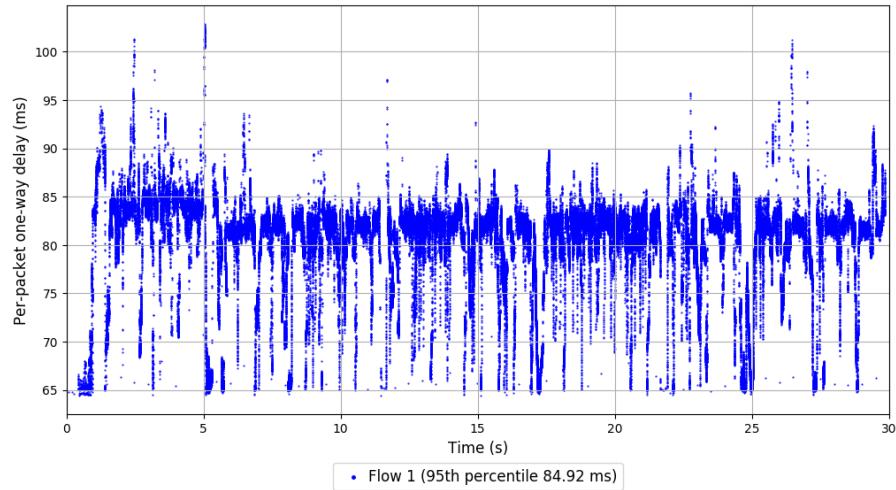
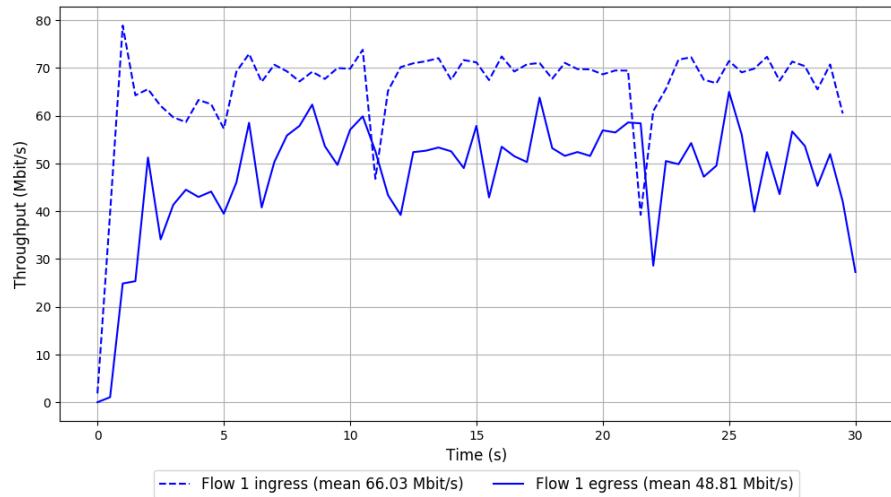


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-07-18 02:07:35
End at: 2018-07-18 02:08:05
Local clock offset: 7.321 ms
Remote clock offset: 1.747 ms

# Below is generated by plot.py at 2018-07-18 05:52:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.81 Mbit/s
95th percentile per-packet one-way delay: 84.915 ms
Loss rate: 26.48%
-- Flow 1:
Average throughput: 48.81 Mbit/s
95th percentile per-packet one-way delay: 84.915 ms
Loss rate: 26.48%
```

Run 3: Report of FillP-Sheep — Data Link

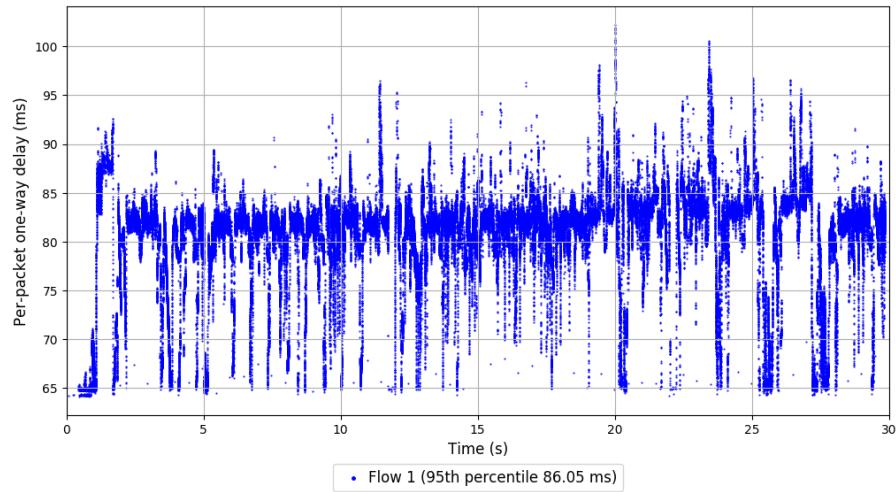
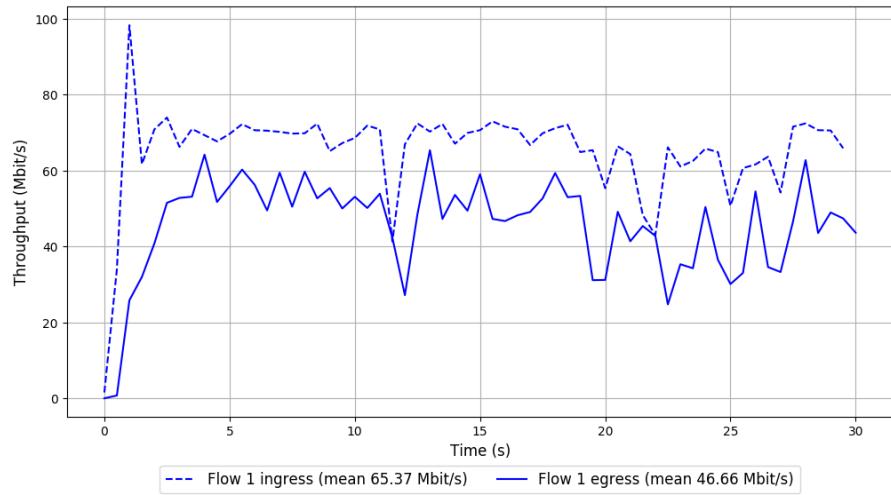


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-07-18 02:35:18
End at: 2018-07-18 02:35:48
Local clock offset: 5.264 ms
Remote clock offset: 2.378 ms

# Below is generated by plot.py at 2018-07-18 05:52:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.66 Mbit/s
95th percentile per-packet one-way delay: 86.054 ms
Loss rate: 29.01%
-- Flow 1:
Average throughput: 46.66 Mbit/s
95th percentile per-packet one-way delay: 86.054 ms
Loss rate: 29.01%
```

Run 4: Report of FillP-Sheep — Data Link

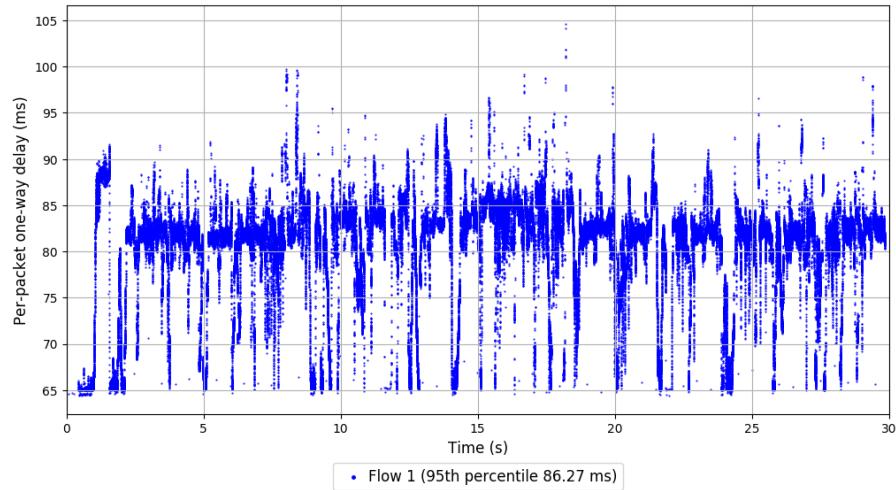
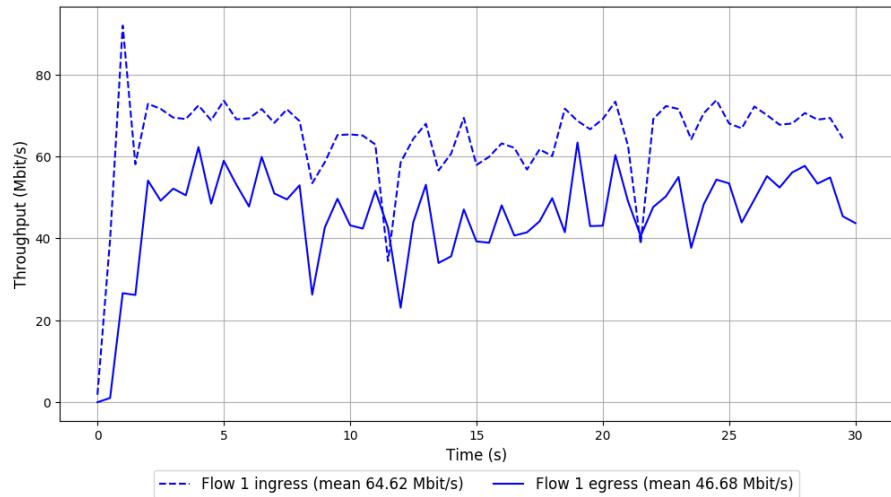


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-07-18 03:03:32
End at: 2018-07-18 03:04:02
Local clock offset: 6.947 ms
Remote clock offset: 2.576 ms

# Below is generated by plot.py at 2018-07-18 05:52:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.68 Mbit/s
95th percentile per-packet one-way delay: 86.270 ms
Loss rate: 28.16%
-- Flow 1:
Average throughput: 46.68 Mbit/s
95th percentile per-packet one-way delay: 86.270 ms
Loss rate: 28.16%
```

Run 5: Report of FillP-Sheep — Data Link

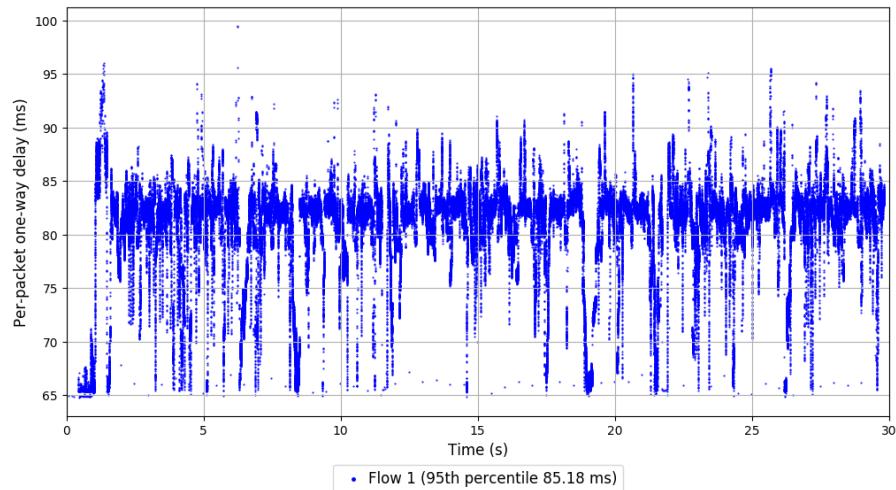
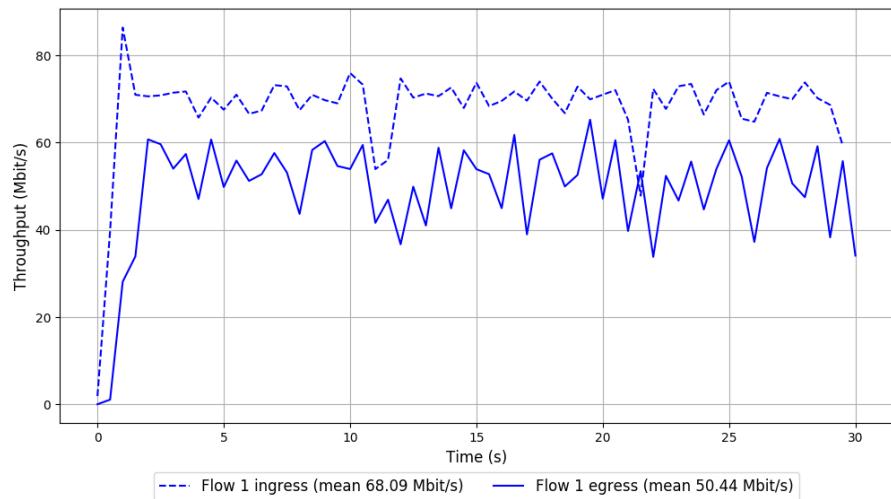


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-07-18 03:33:09
End at: 2018-07-18 03:33:39
Local clock offset: 6.84 ms
Remote clock offset: 2.661 ms

# Below is generated by plot.py at 2018-07-18 05:52:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.44 Mbit/s
95th percentile per-packet one-way delay: 85.183 ms
Loss rate: 26.34%
-- Flow 1:
Average throughput: 50.44 Mbit/s
95th percentile per-packet one-way delay: 85.183 ms
Loss rate: 26.34%
```

Run 6: Report of FillP-Sheep — Data Link

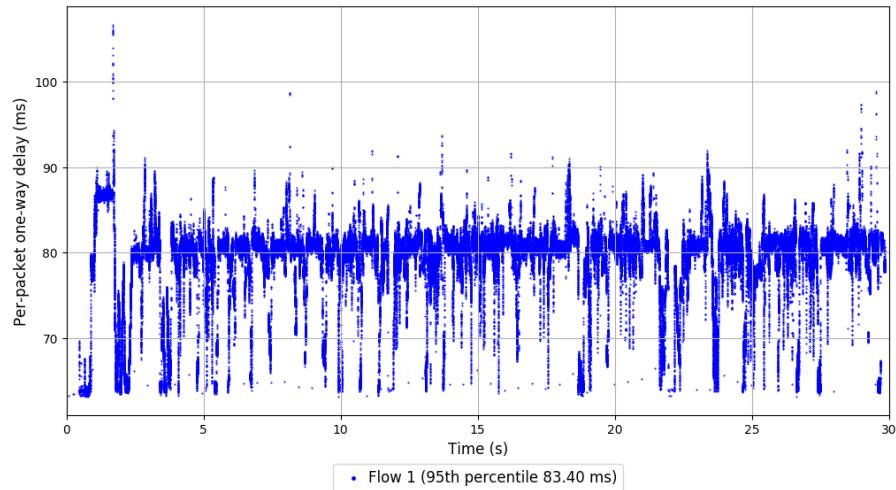
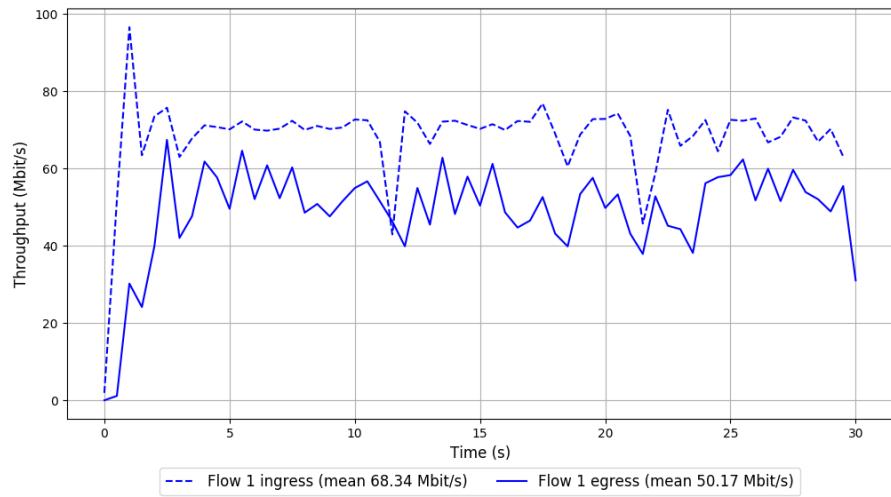


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-07-18 04:01:31
End at: 2018-07-18 04:02:01
Local clock offset: 6.418 ms
Remote clock offset: 2.358 ms

# Below is generated by plot.py at 2018-07-18 05:53:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 83.403 ms
Loss rate: 26.98%
-- Flow 1:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 83.403 ms
Loss rate: 26.98%
```

Run 7: Report of FillP-Sheep — Data Link

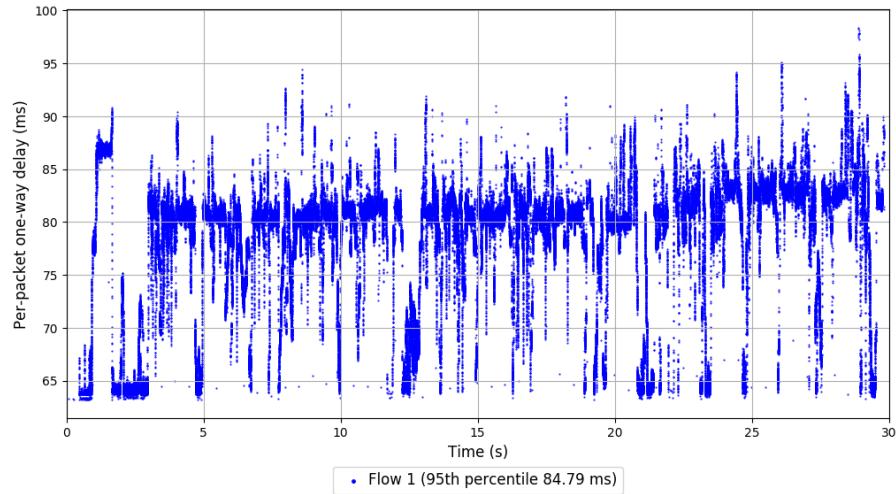
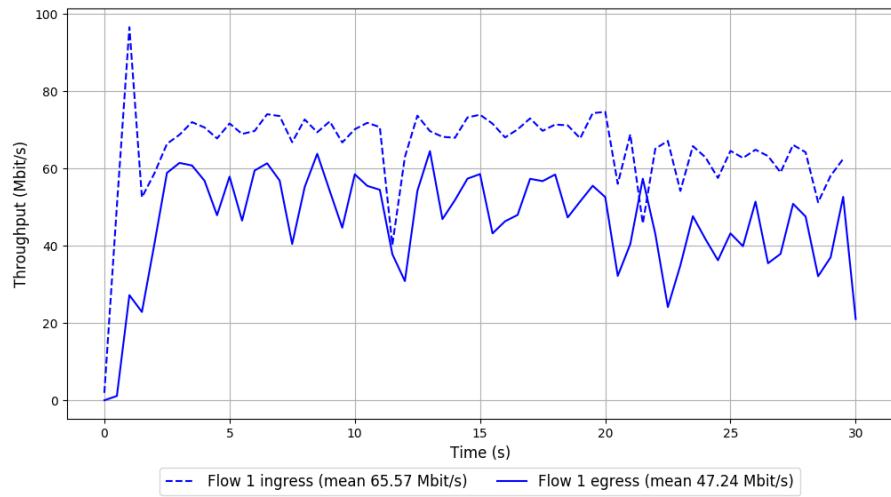


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-07-18 04:27:52
End at: 2018-07-18 04:28:22
Local clock offset: 4.631 ms
Remote clock offset: 2.128 ms

# Below is generated by plot.py at 2018-07-18 05:53:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.24 Mbit/s
95th percentile per-packet one-way delay: 84.793 ms
Loss rate: 28.36%
-- Flow 1:
Average throughput: 47.24 Mbit/s
95th percentile per-packet one-way delay: 84.793 ms
Loss rate: 28.36%
```

Run 8: Report of FillP-Sheep — Data Link

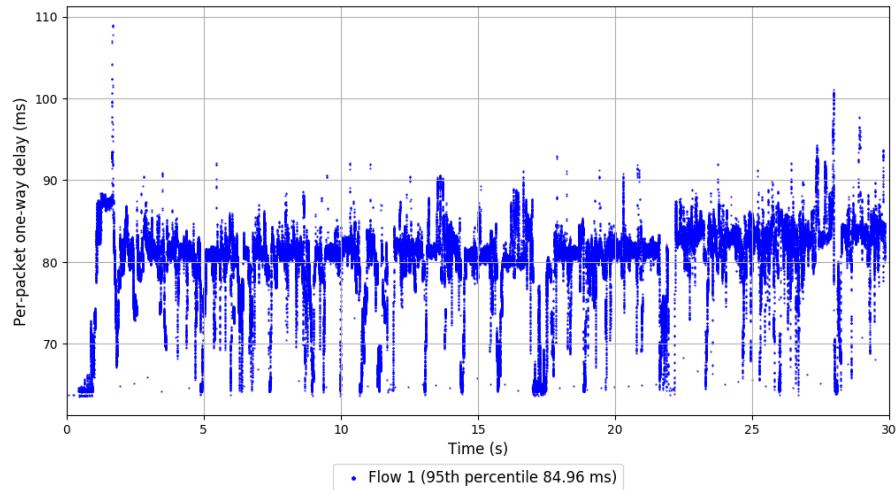
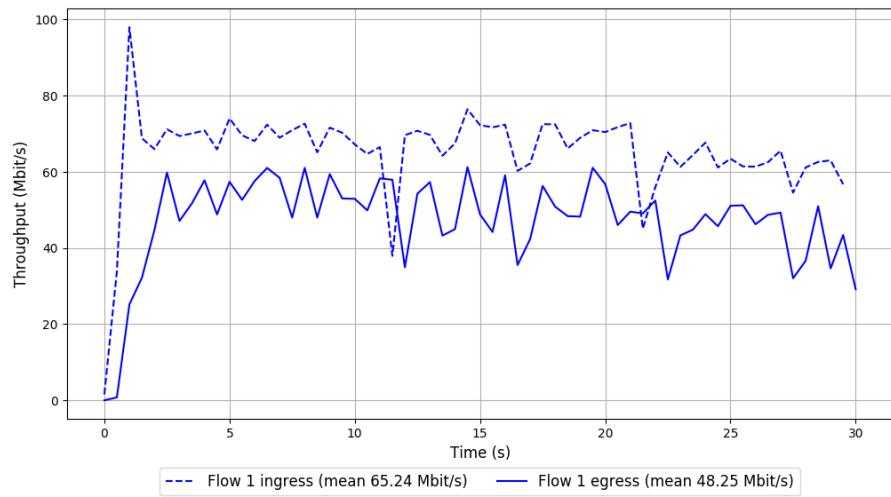


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-07-18 04:56:51
End at: 2018-07-18 04:57:21
Local clock offset: 5.865 ms
Remote clock offset: 1.927 ms

# Below is generated by plot.py at 2018-07-18 05:53:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 84.957 ms
Loss rate: 26.48%
-- Flow 1:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 84.957 ms
Loss rate: 26.48%
```

Run 9: Report of FillP-Sheep — Data Link

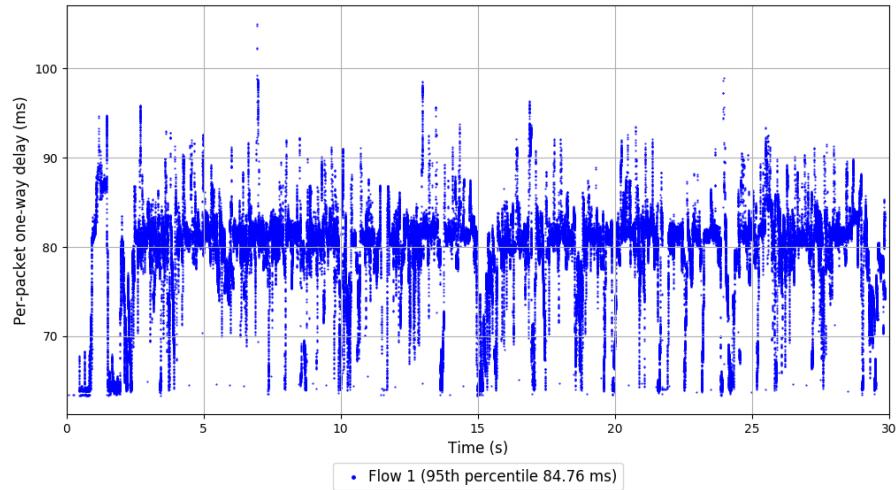
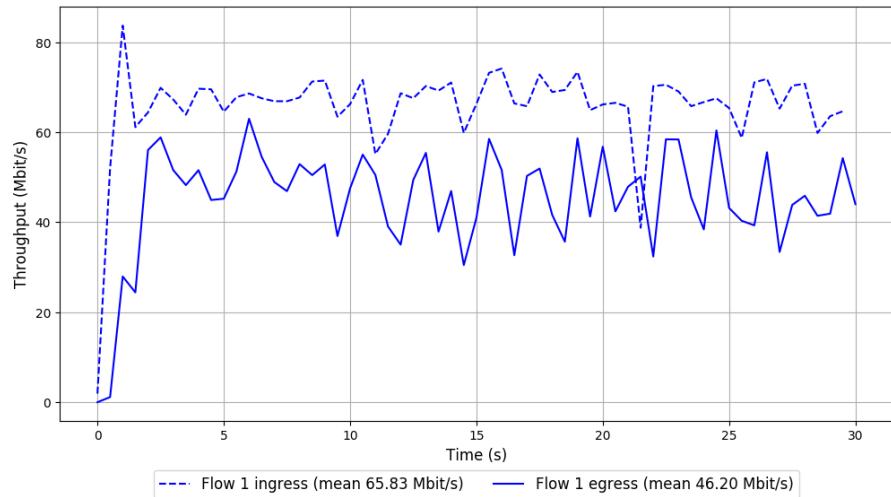


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-07-18 05:24:36
End at: 2018-07-18 05:25:06
Local clock offset: 1.912 ms
Remote clock offset: 1.45 ms

# Below is generated by plot.py at 2018-07-18 05:53:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.20 Mbit/s
95th percentile per-packet one-way delay: 84.756 ms
Loss rate: 30.20%
-- Flow 1:
Average throughput: 46.20 Mbit/s
95th percentile per-packet one-way delay: 84.756 ms
Loss rate: 30.20%
```

Run 10: Report of FillP-Sheep — Data Link

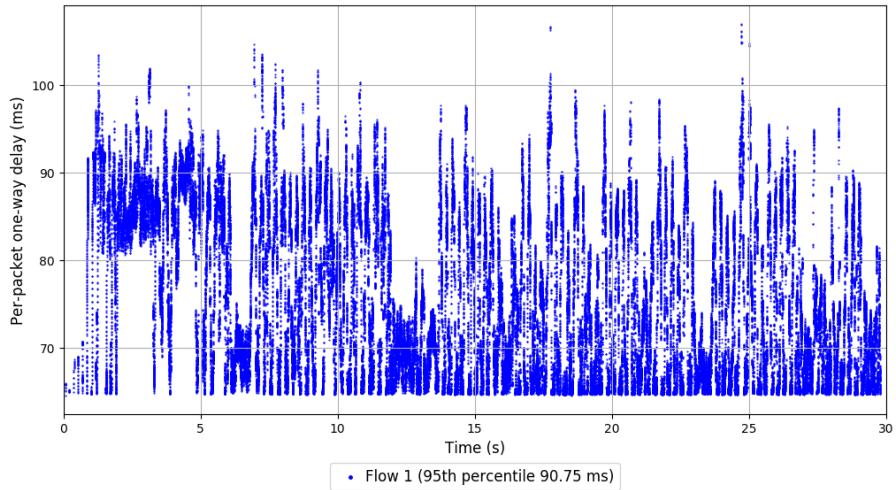
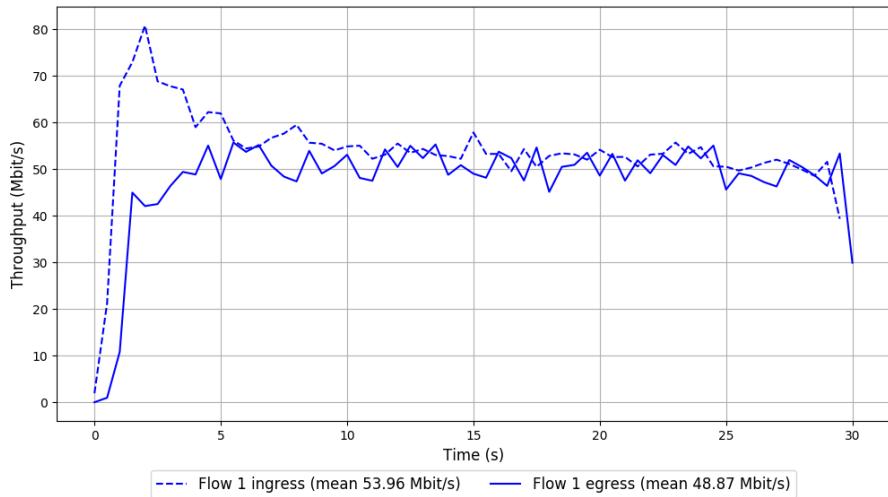


Run 1: Statistics of Indigo

```
Start at: 2018-07-18 01:20:39
End at: 2018-07-18 01:21:09
Local clock offset: 3.045 ms
Remote clock offset: 0.697 ms

# Below is generated by plot.py at 2018-07-18 05:53:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 90.753 ms
Loss rate: 9.88%
-- Flow 1:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 90.753 ms
Loss rate: 9.88%
```

Run 1: Report of Indigo — Data Link

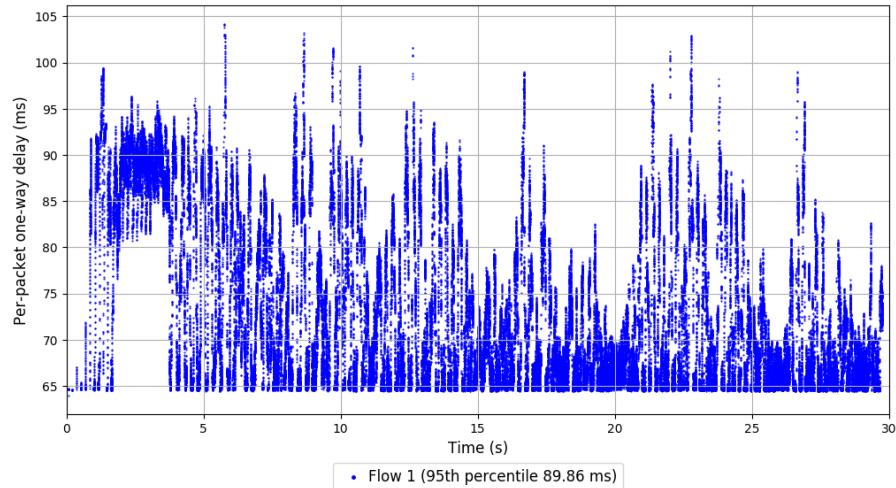
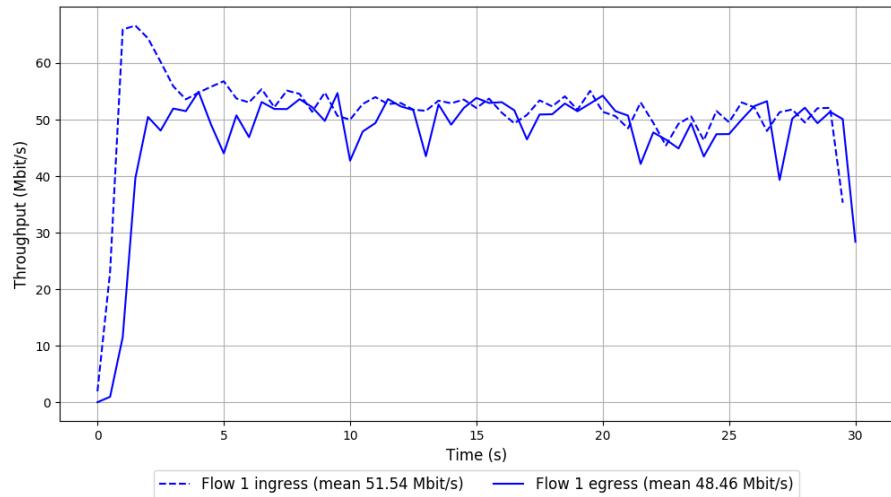


Run 2: Statistics of Indigo

```
Start at: 2018-07-18 01:49:02
End at: 2018-07-18 01:49:32
Local clock offset: 5.67 ms
Remote clock offset: 1.514 ms

# Below is generated by plot.py at 2018-07-18 05:53:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 89.861 ms
Loss rate: 6.47%
-- Flow 1:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 89.861 ms
Loss rate: 6.47%
```

Run 2: Report of Indigo — Data Link

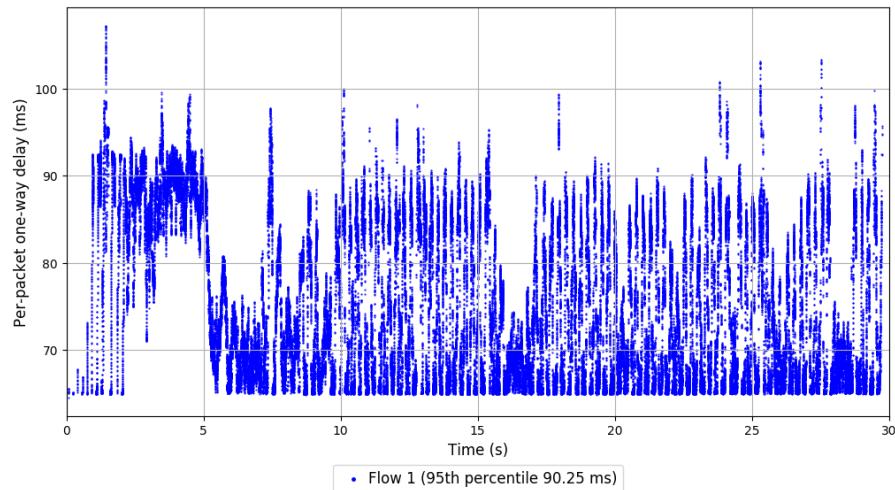
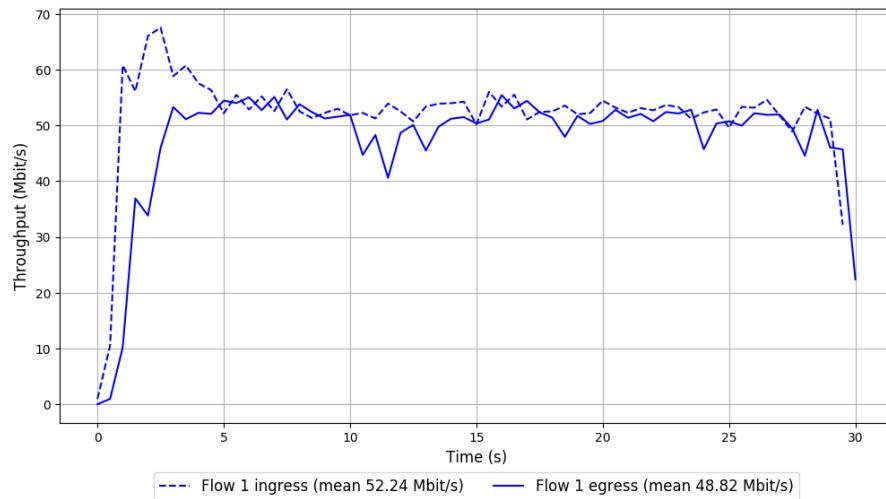


Run 3: Statistics of Indigo

```
Start at: 2018-07-18 02:18:00
End at: 2018-07-18 02:18:30
Local clock offset: 6.163 ms
Remote clock offset: 1.975 ms

# Below is generated by plot.py at 2018-07-18 05:53:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.82 Mbit/s
95th percentile per-packet one-way delay: 90.254 ms
Loss rate: 7.01%
-- Flow 1:
Average throughput: 48.82 Mbit/s
95th percentile per-packet one-way delay: 90.254 ms
Loss rate: 7.01%
```

Run 3: Report of Indigo — Data Link

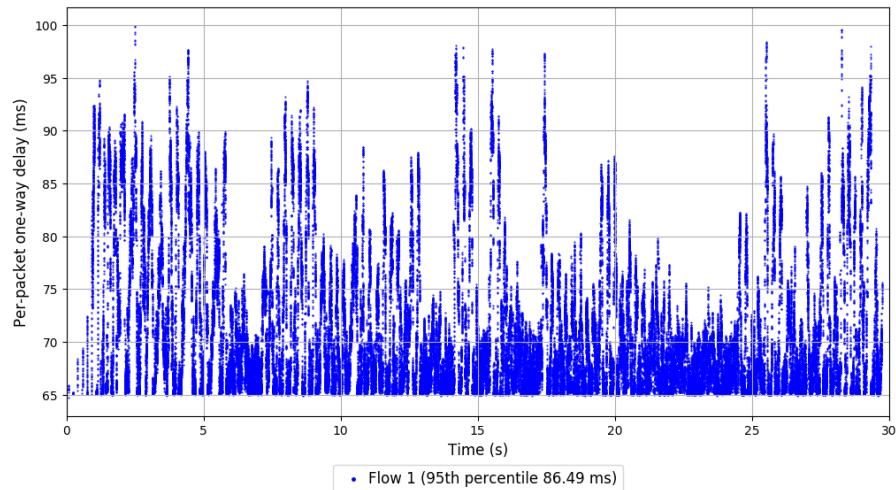
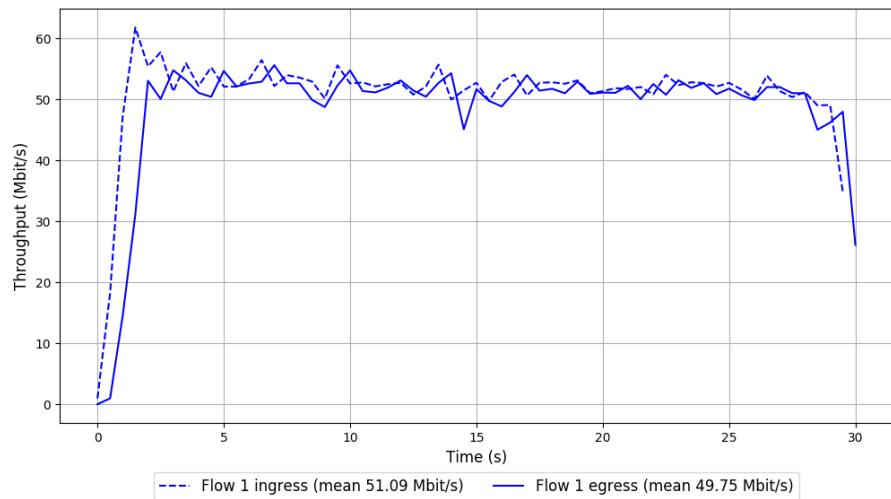


Run 4: Statistics of Indigo

```
Start at: 2018-07-18 02:45:43
End at: 2018-07-18 02:46:13
Local clock offset: 5.898 ms
Remote clock offset: 2.454 ms

# Below is generated by plot.py at 2018-07-18 05:53:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.75 Mbit/s
95th percentile per-packet one-way delay: 86.487 ms
Loss rate: 3.16%
-- Flow 1:
Average throughput: 49.75 Mbit/s
95th percentile per-packet one-way delay: 86.487 ms
Loss rate: 3.16%
```

Run 4: Report of Indigo — Data Link

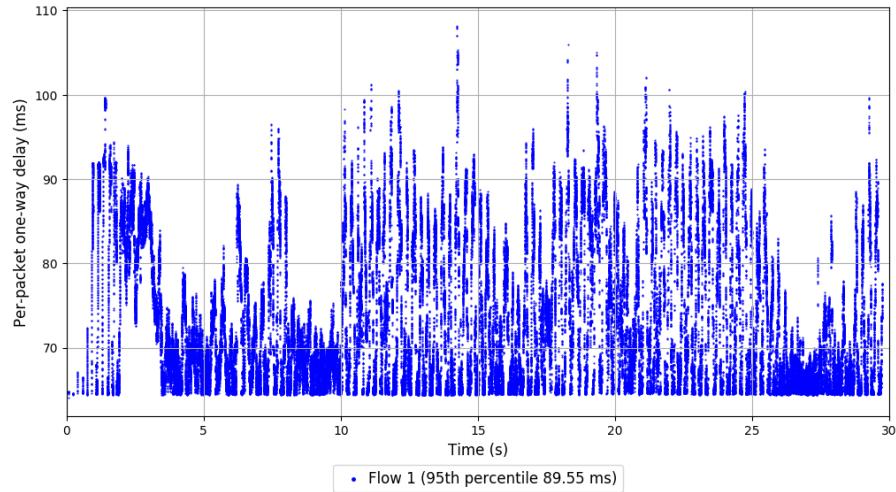
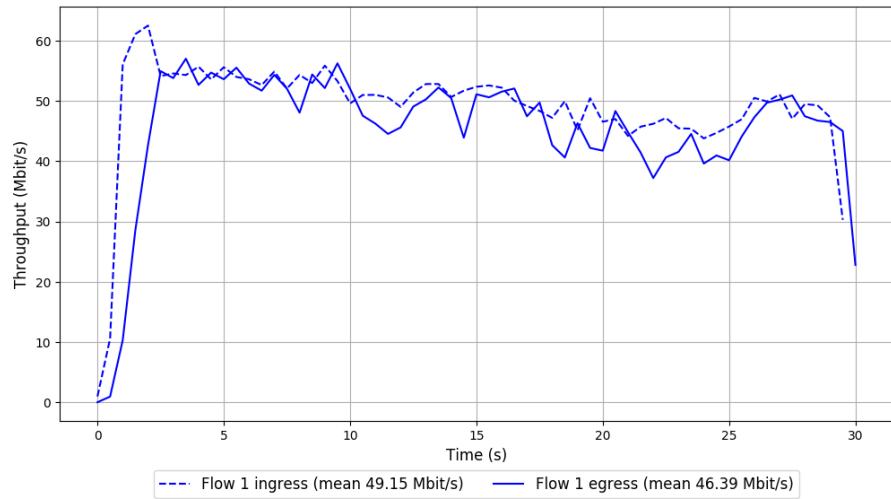


Run 5: Statistics of Indigo

```
Start at: 2018-07-18 03:15:21
End at: 2018-07-18 03:15:51
Local clock offset: 6.625 ms
Remote clock offset: 2.651 ms

# Below is generated by plot.py at 2018-07-18 05:53:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.39 Mbit/s
95th percentile per-packet one-way delay: 89.550 ms
Loss rate: 6.14%
-- Flow 1:
Average throughput: 46.39 Mbit/s
95th percentile per-packet one-way delay: 89.550 ms
Loss rate: 6.14%
```

Run 5: Report of Indigo — Data Link

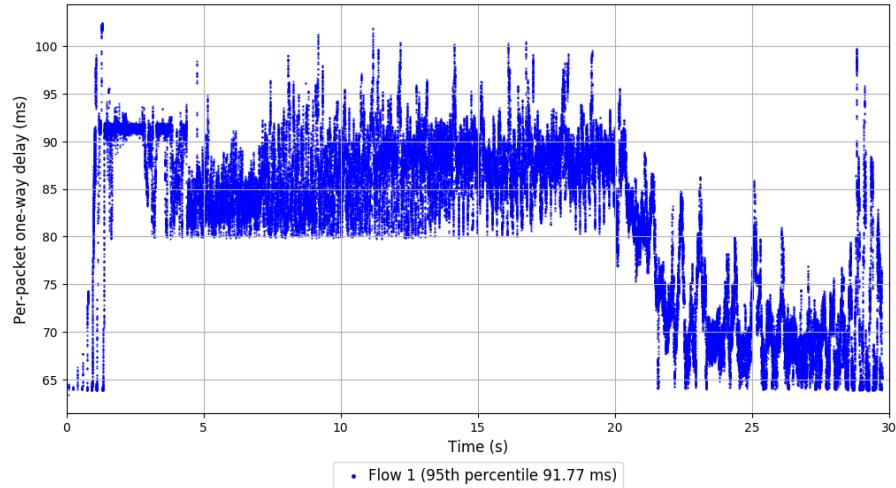
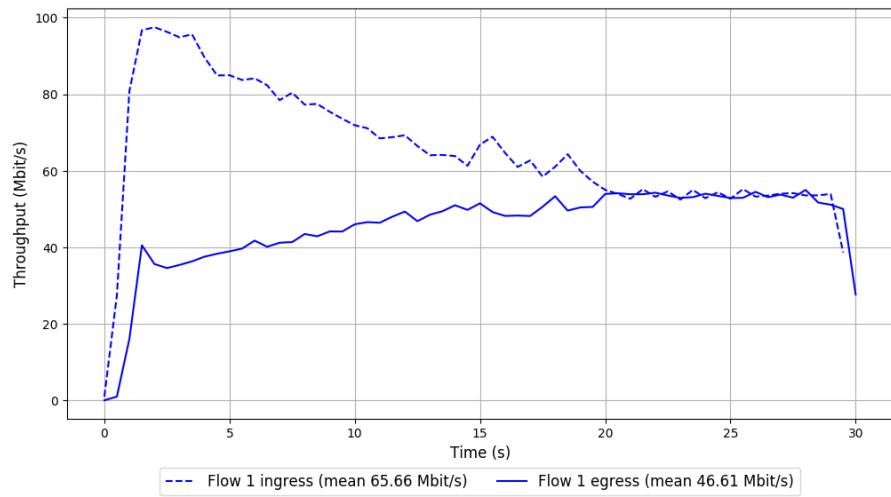


Run 6: Statistics of Indigo

```
Start at: 2018-07-18 03:44:18
End at: 2018-07-18 03:44:48
Local clock offset: 6.676 ms
Remote clock offset: 2.534 ms

# Below is generated by plot.py at 2018-07-18 05:53:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.61 Mbit/s
95th percentile per-packet one-way delay: 91.768 ms
Loss rate: 29.39%
-- Flow 1:
Average throughput: 46.61 Mbit/s
95th percentile per-packet one-way delay: 91.768 ms
Loss rate: 29.39%
```

Run 6: Report of Indigo — Data Link

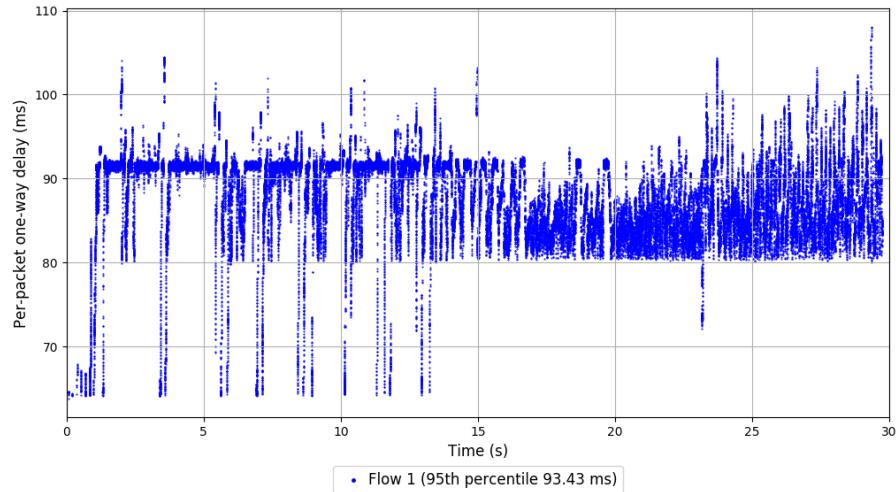
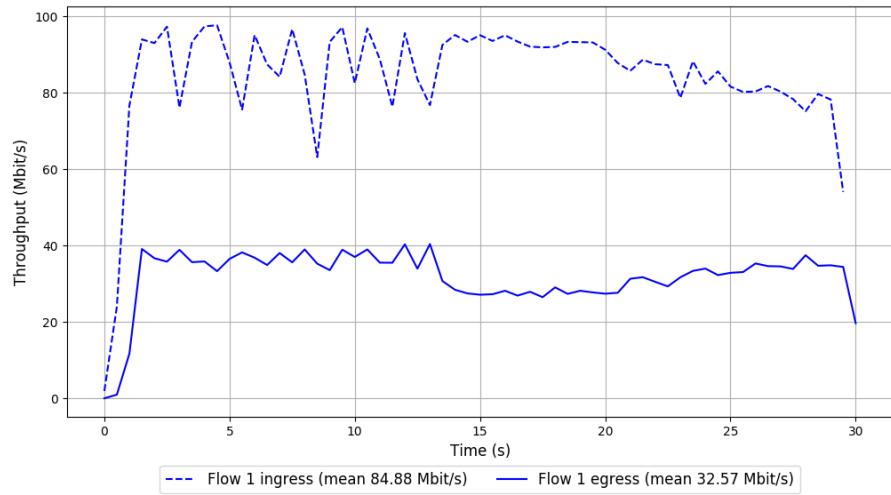


Run 7: Statistics of Indigo

```
Start at: 2018-07-18 04:11:03
End at: 2018-07-18 04:11:33
Local clock offset: 6.611 ms
Remote clock offset: 2.285 ms

# Below is generated by plot.py at 2018-07-18 05:53:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.57 Mbit/s
95th percentile per-packet one-way delay: 93.431 ms
Loss rate: 61.82%
-- Flow 1:
Average throughput: 32.57 Mbit/s
95th percentile per-packet one-way delay: 93.431 ms
Loss rate: 61.82%
```

Run 7: Report of Indigo — Data Link

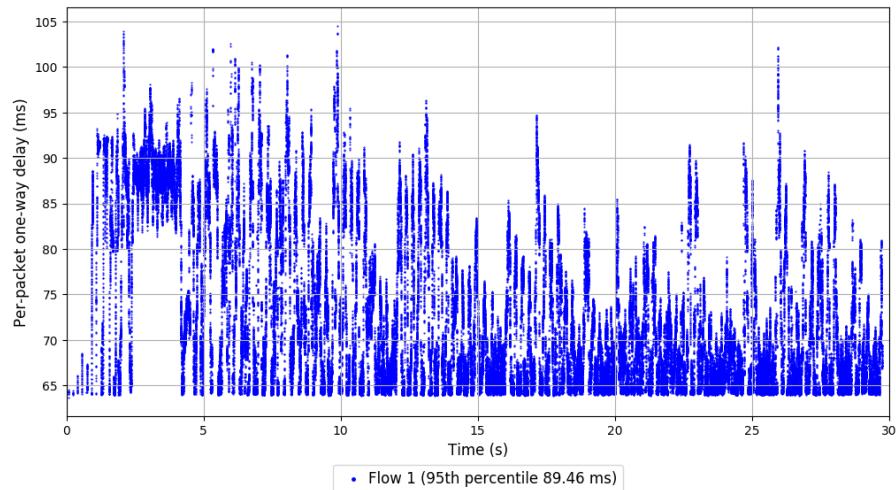
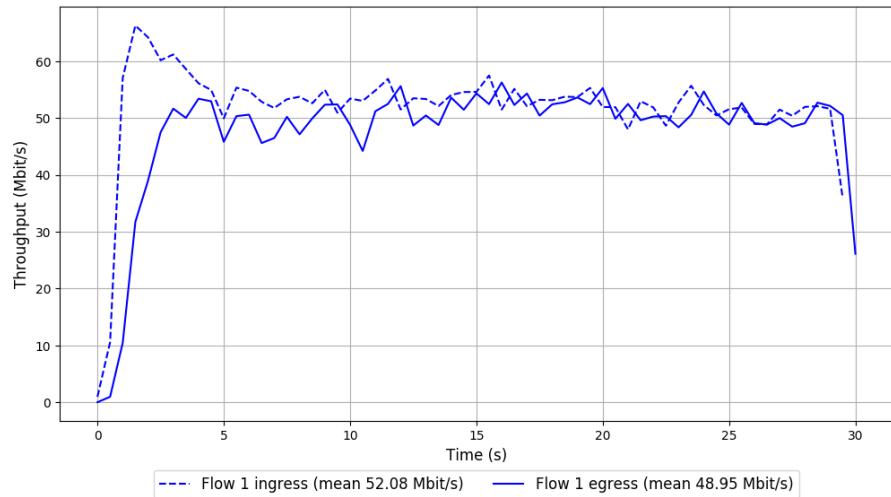


Run 8: Statistics of Indigo

```
Start at: 2018-07-18 04:38:44
End at: 2018-07-18 04:39:14
Local clock offset: 4.193 ms
Remote clock offset: 2.053 ms

# Below is generated by plot.py at 2018-07-18 05:53:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.95 Mbit/s
95th percentile per-packet one-way delay: 89.457 ms
Loss rate: 6.53%
-- Flow 1:
Average throughput: 48.95 Mbit/s
95th percentile per-packet one-way delay: 89.457 ms
Loss rate: 6.53%
```

Run 8: Report of Indigo — Data Link

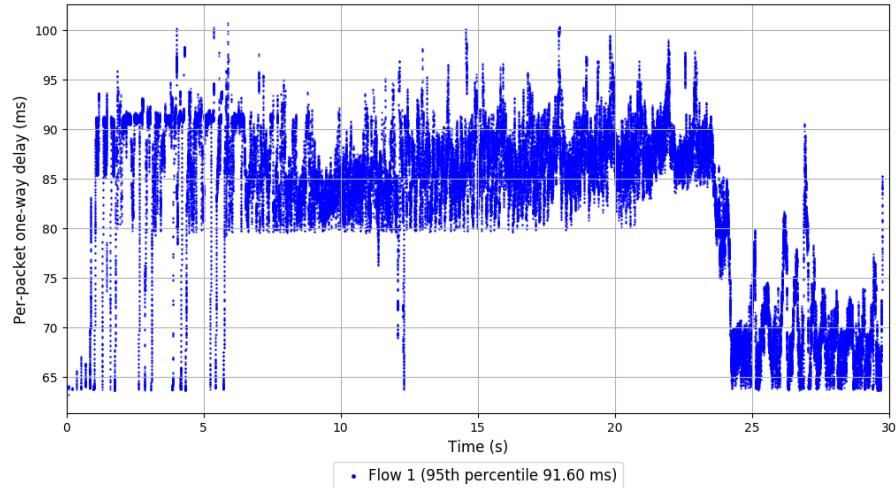
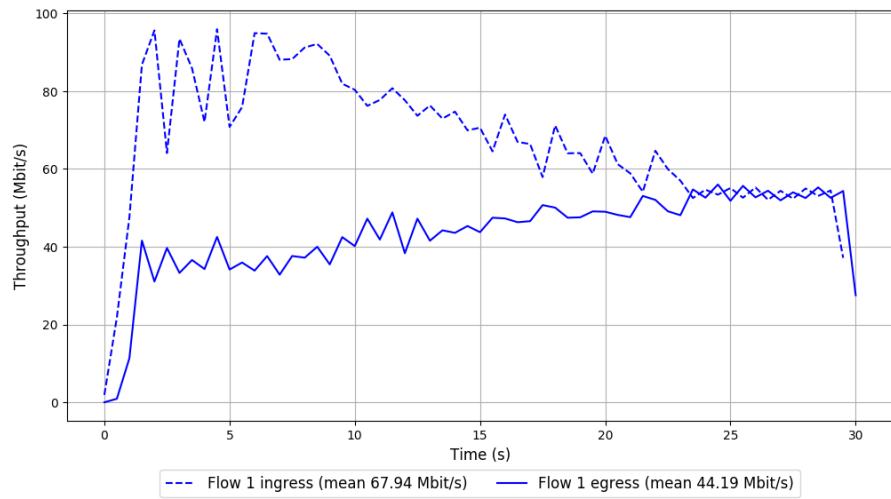


Run 9: Statistics of Indigo

```
Start at: 2018-07-18 05:06:55
End at: 2018-07-18 05:07:25
Local clock offset: 5.606 ms
Remote clock offset: 1.755 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.19 Mbit/s
95th percentile per-packet one-way delay: 91.604 ms
Loss rate: 35.28%
-- Flow 1:
Average throughput: 44.19 Mbit/s
95th percentile per-packet one-way delay: 91.604 ms
Loss rate: 35.28%
```

Run 9: Report of Indigo — Data Link

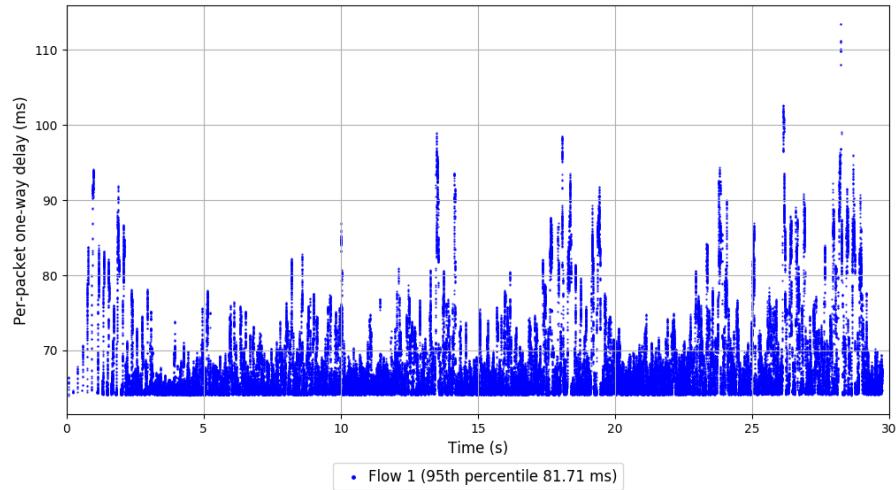
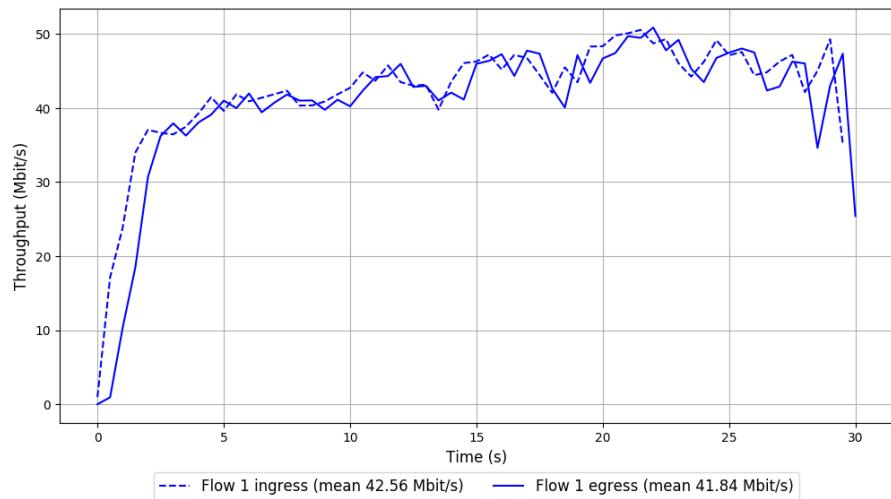


Run 10: Statistics of Indigo

```
Start at: 2018-07-18 05:34:33
End at: 2018-07-18 05:35:03
Local clock offset: 0.771 ms
Remote clock offset: 1.359 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.84 Mbit/s
95th percentile per-packet one-way delay: 81.709 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 41.84 Mbit/s
95th percentile per-packet one-way delay: 81.709 ms
Loss rate: 2.23%
```

Run 10: Report of Indigo — Data Link

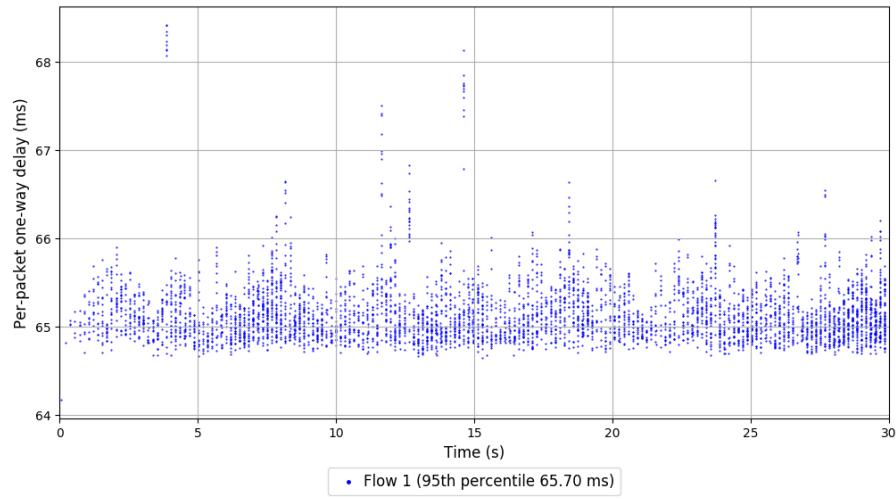
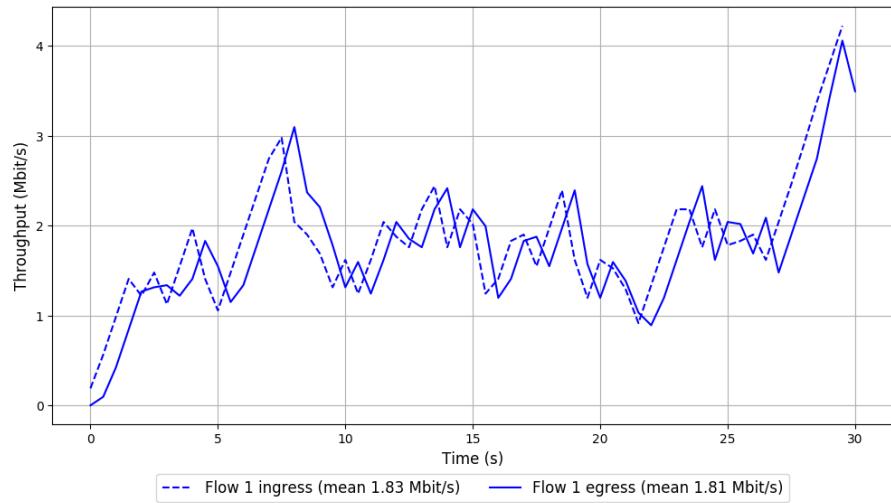


Run 1: Statistics of LEDBAT

```
Start at: 2018-07-18 01:31:59
End at: 2018-07-18 01:32:29
Local clock offset: 3.71 ms
Remote clock offset: 1.059 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 65.698 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 65.698 ms
Loss rate: 1.88%
```

Run 1: Report of LEDBAT — Data Link

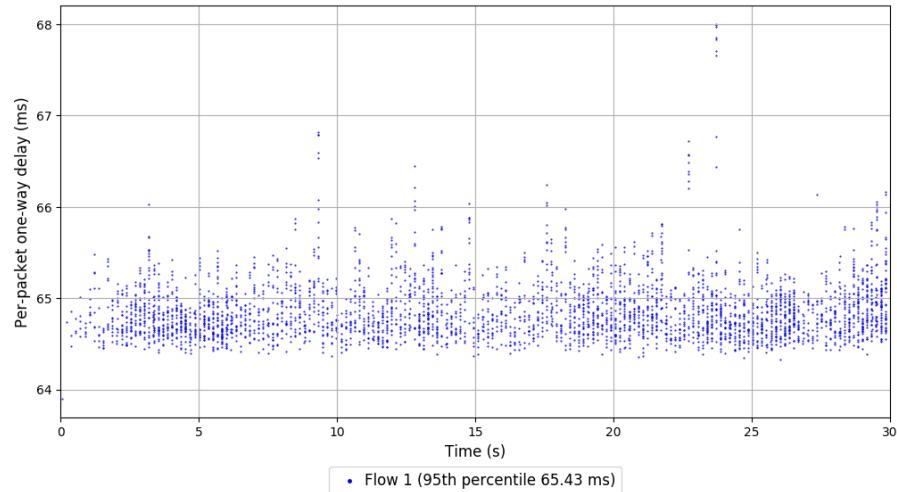
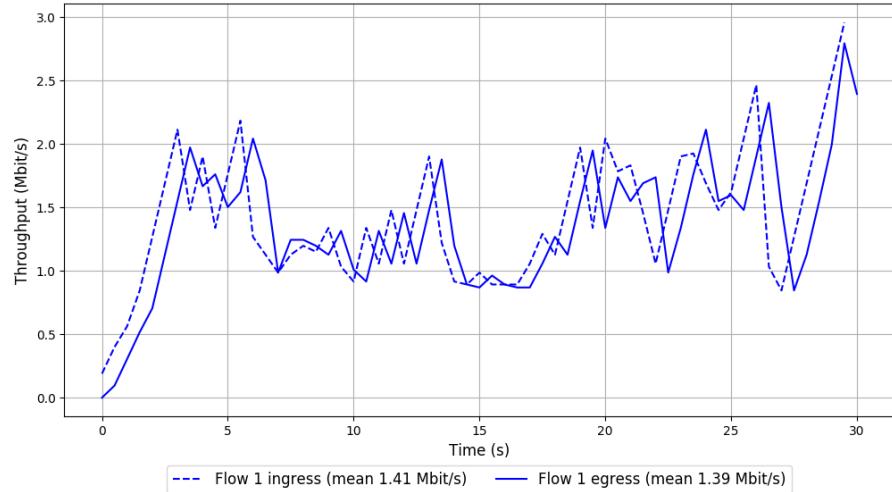


Run 2: Statistics of LEDBAT

```
Start at: 2018-07-18 02:01:03
End at: 2018-07-18 02:01:33
Local clock offset: 6.709 ms
Remote clock offset: 1.727 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.39 Mbit/s
95th percentile per-packet one-way delay: 65.430 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 1.39 Mbit/s
95th percentile per-packet one-way delay: 65.430 ms
Loss rate: 2.09%
```

Run 2: Report of LEDBAT — Data Link

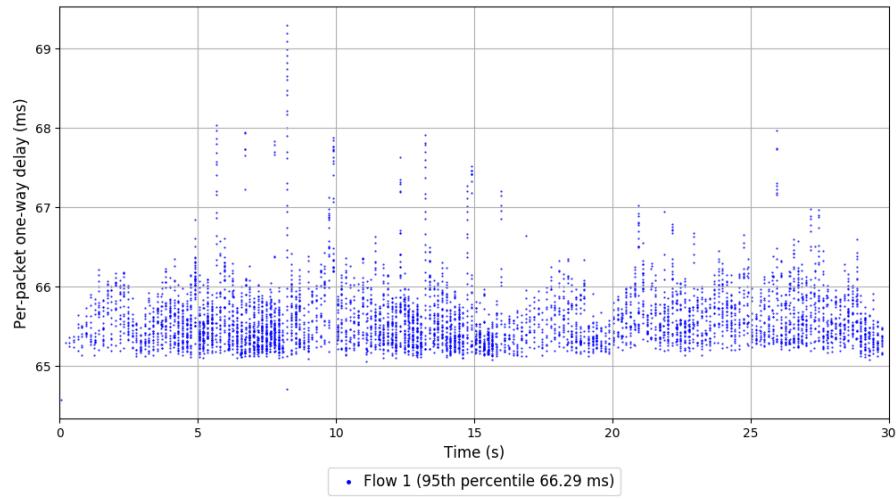
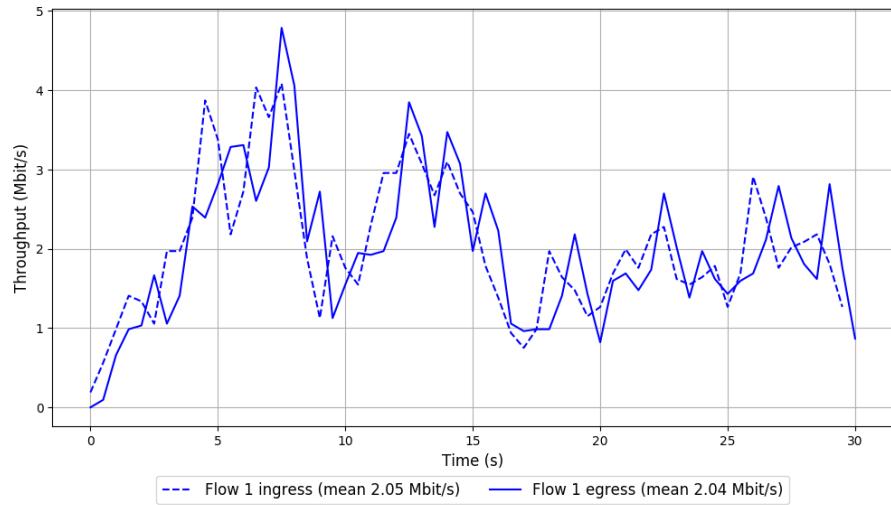


Run 3: Statistics of LEDBAT

```
Start at: 2018-07-18 02:29:13
End at: 2018-07-18 02:29:43
Local clock offset: 5.363 ms
Remote clock offset: 2.245 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 66.287 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 66.287 ms
Loss rate: 0.88%
```

Run 3: Report of LEDBAT — Data Link

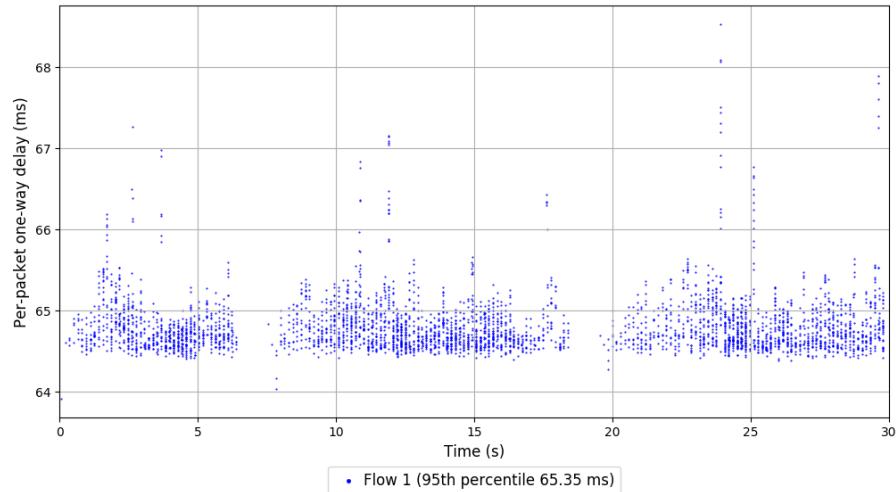
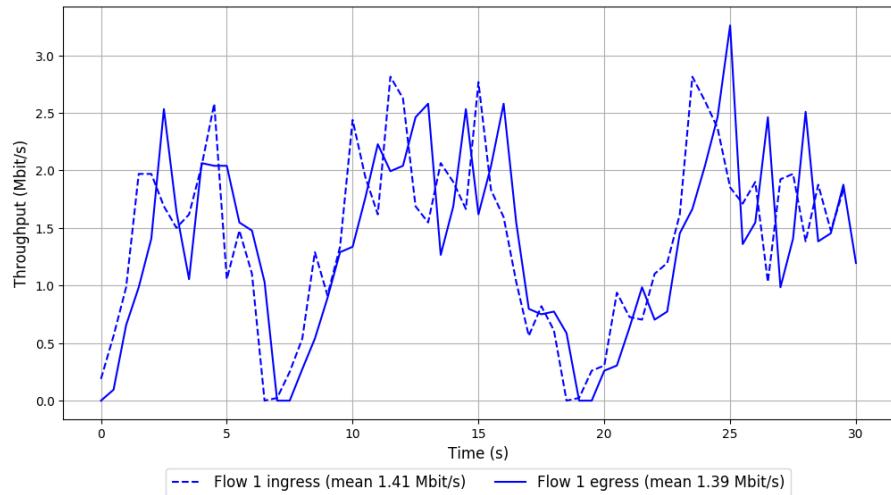


Run 4: Statistics of LEDBAT

```
Start at: 2018-07-18 02:57:00
End at: 2018-07-18 02:57:30
Local clock offset: 6.532 ms
Remote clock offset: 2.588 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.39 Mbit/s
95th percentile per-packet one-way delay: 65.351 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 1.39 Mbit/s
95th percentile per-packet one-way delay: 65.351 ms
Loss rate: 1.61%
```

Run 4: Report of LEDBAT — Data Link

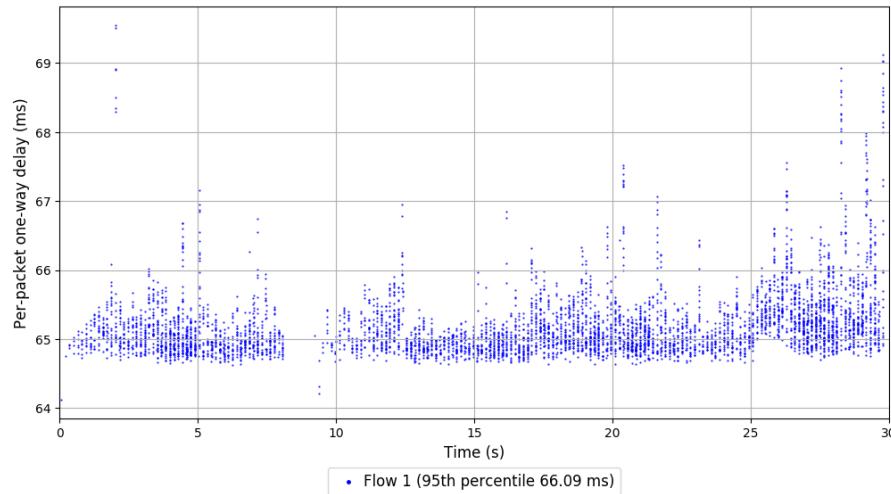
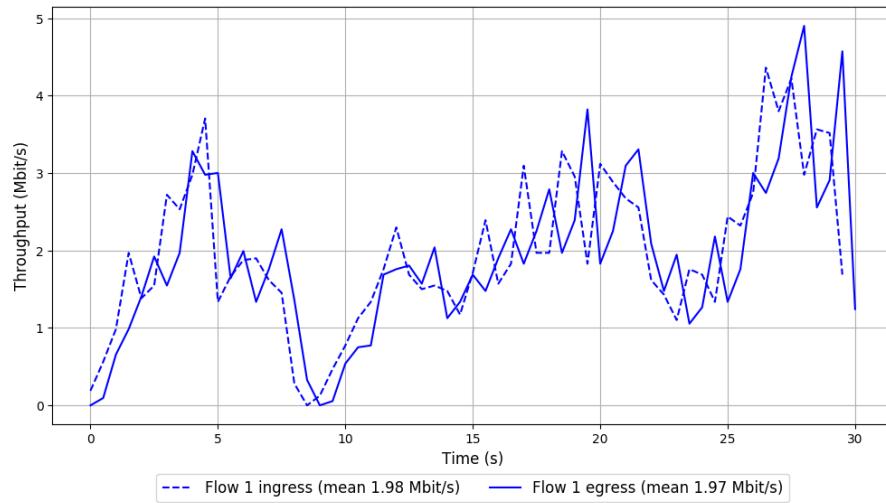


Run 5: Statistics of LEDBAT

```
Start at: 2018-07-18 03:27:09
End at: 2018-07-18 03:27:39
Local clock offset: 6.614 ms
Remote clock offset: 2.548 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 66.087 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 66.087 ms
Loss rate: 0.89%
```

Run 5: Report of LEDBAT — Data Link

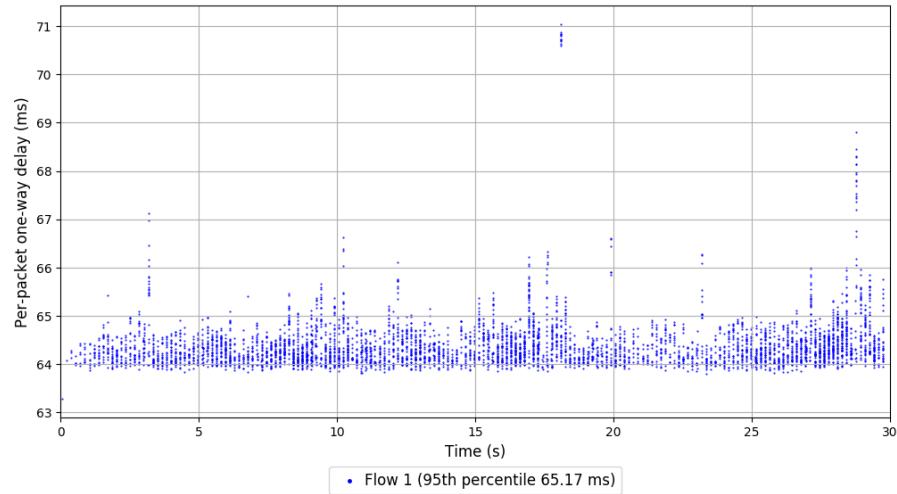
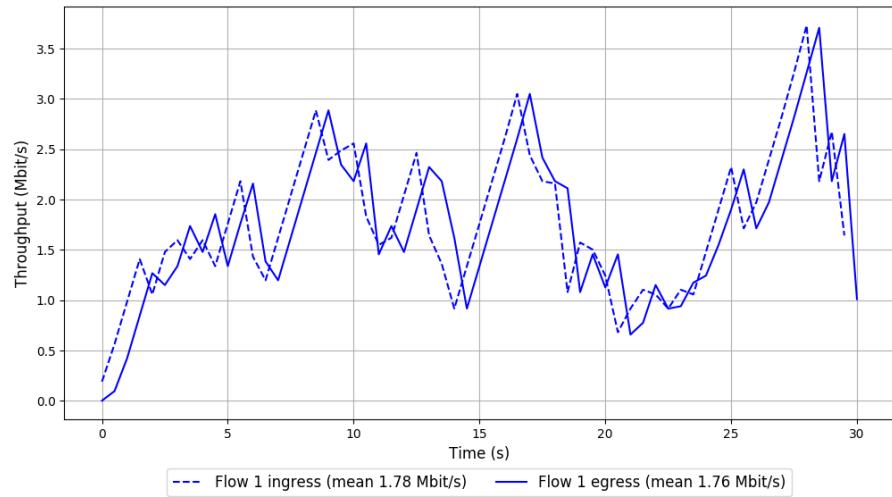


Run 6: Statistics of LEDBAT

```
Start at: 2018-07-18 03:55:38
End at: 2018-07-18 03:56:08
Local clock offset: 6.834 ms
Remote clock offset: 2.425 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 65.166 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 65.166 ms
Loss rate: 1.22%
```

Run 6: Report of LEDBAT — Data Link

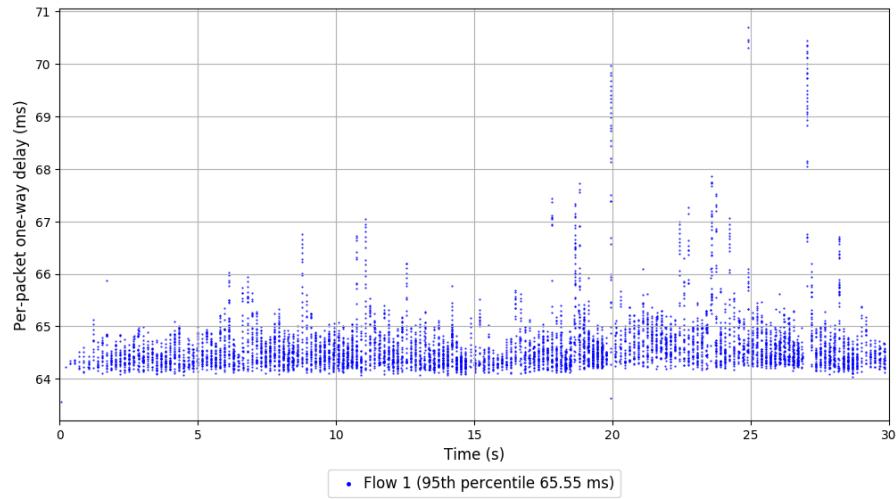
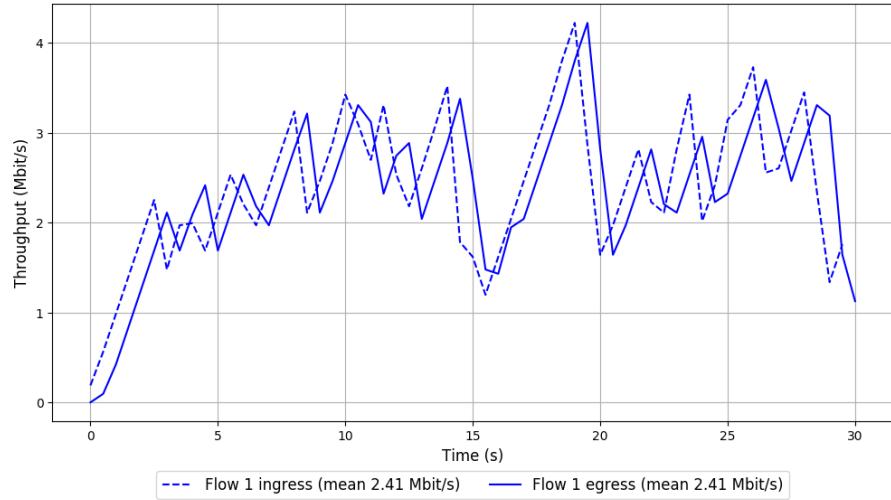


Run 7: Statistics of LEDBAT

```
Start at: 2018-07-18 04:21:50
End at: 2018-07-18 04:22:20
Local clock offset: 5.296 ms
Remote clock offset: 2.155 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 65.554 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 65.554 ms
Loss rate: 0.71%
```

Run 7: Report of LEDBAT — Data Link

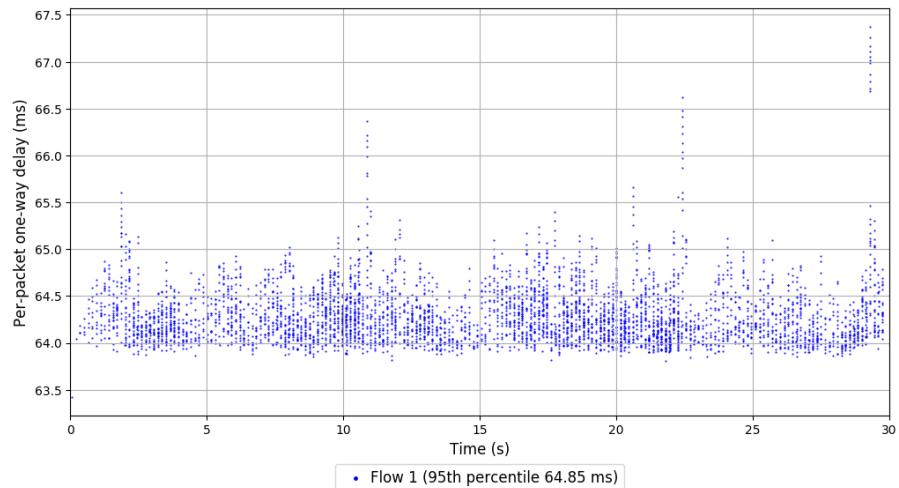
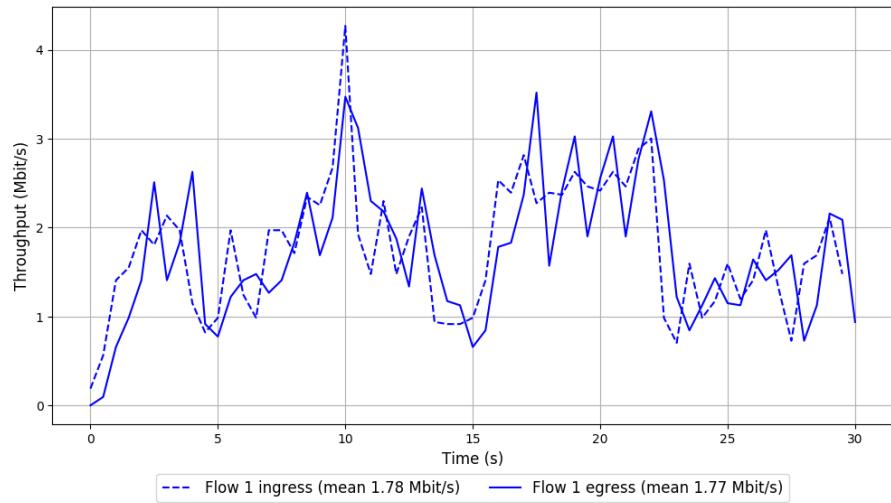


Run 8: Statistics of LEDBAT

```
Start at: 2018-07-18 04:50:40
End at: 2018-07-18 04:51:10
Local clock offset: 5.419 ms
Remote clock offset: 1.918 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 64.852 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 64.852 ms
Loss rate: 1.19%
```

Run 8: Report of LEDBAT — Data Link

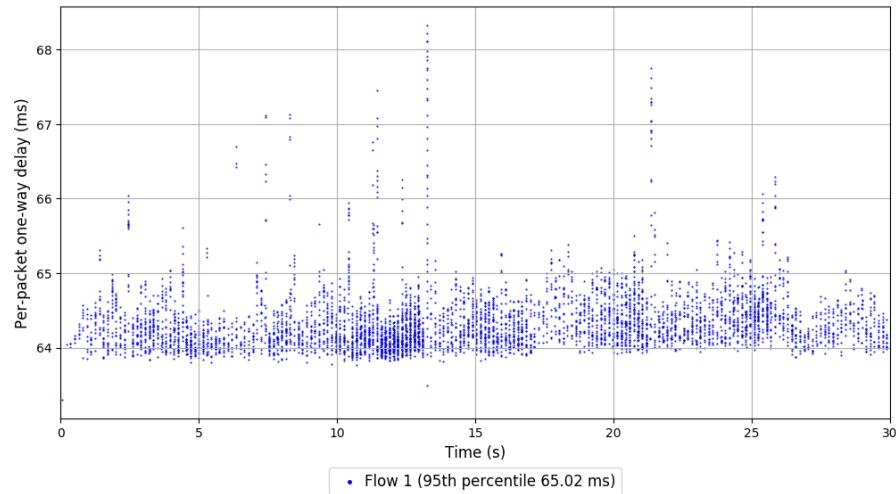
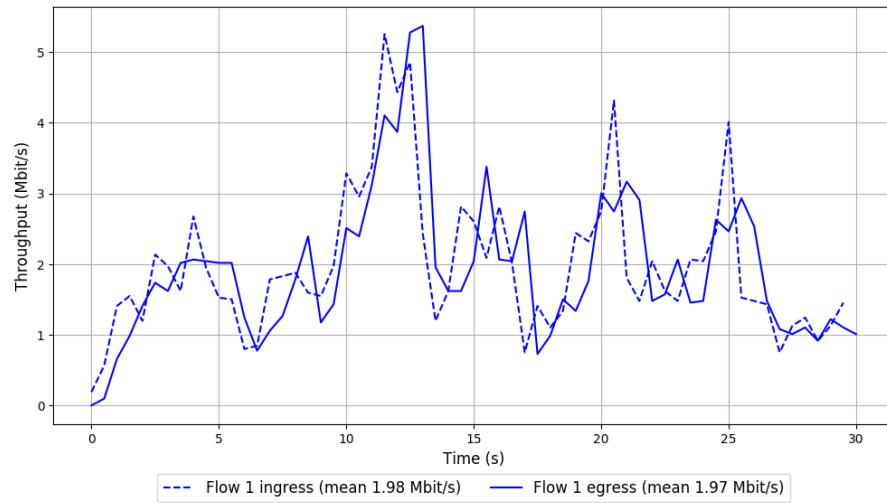


Run 9: Statistics of LEDBAT

```
Start at: 2018-07-18 05:18:09
End at: 2018-07-18 05:18:39
Local clock offset: 3.309 ms
Remote clock offset: 1.572 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 65.019 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 65.019 ms
Loss rate: 1.01%
```

Run 9: Report of LEDBAT — Data Link

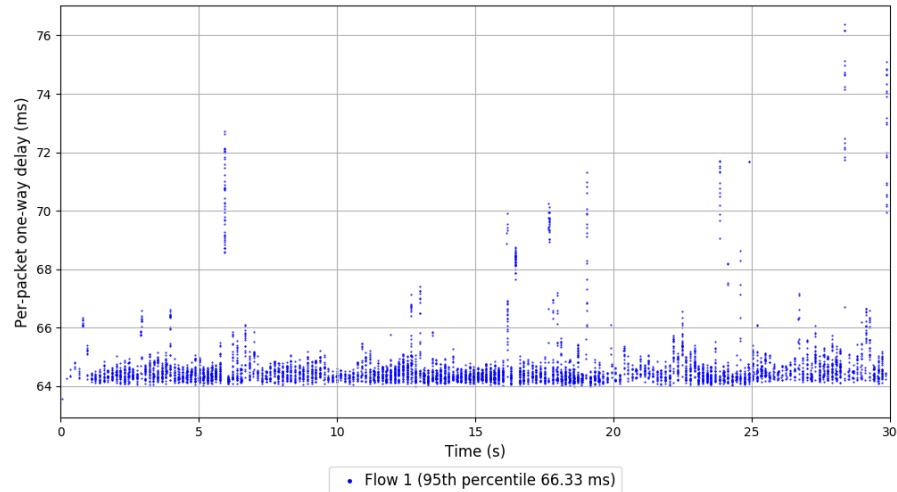
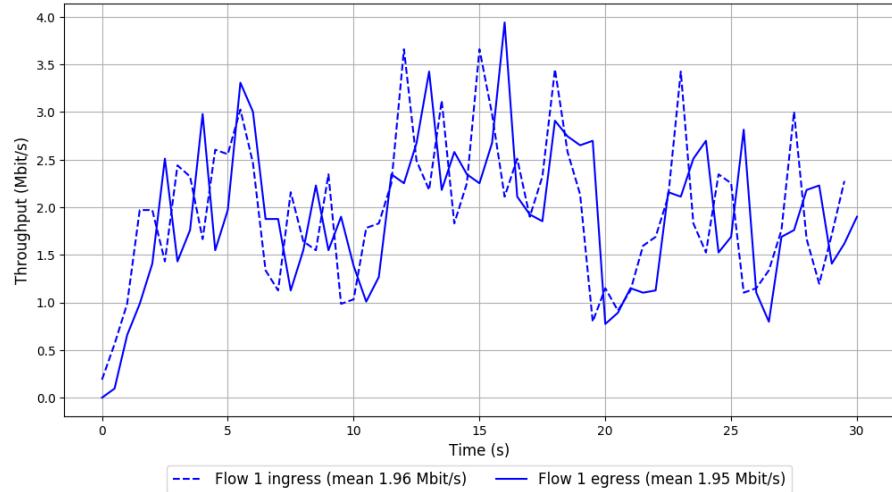


Run 10: Statistics of LEDBAT

```
Start at: 2018-07-18 05:45:02
End at: 2018-07-18 05:45:32
Local clock offset: 1.015 ms
Remote clock offset: 1.208 ms

# Below is generated by plot.py at 2018-07-18 05:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 66.333 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 66.333 ms
Loss rate: 0.98%
```

Run 10: Report of LEDBAT — Data Link

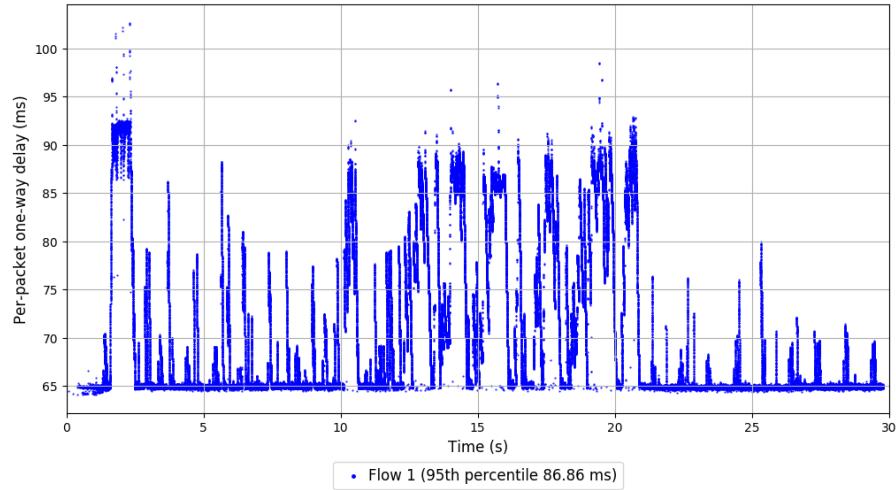
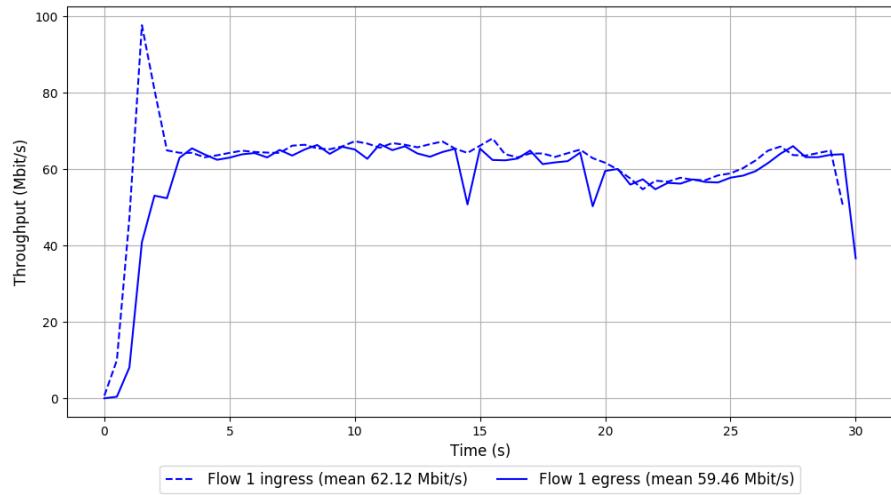


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-07-18 01:25:28
End at: 2018-07-18 01:25:58
Local clock offset: 3.332 ms
Remote clock offset: 0.845 ms

# Below is generated by plot.py at 2018-07-18 05:54:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.46 Mbit/s
95th percentile per-packet one-way delay: 86.855 ms
Loss rate: 4.80%
-- Flow 1:
Average throughput: 59.46 Mbit/s
95th percentile per-packet one-way delay: 86.855 ms
Loss rate: 4.80%
```

Run 1: Report of PCC-Allegro — Data Link

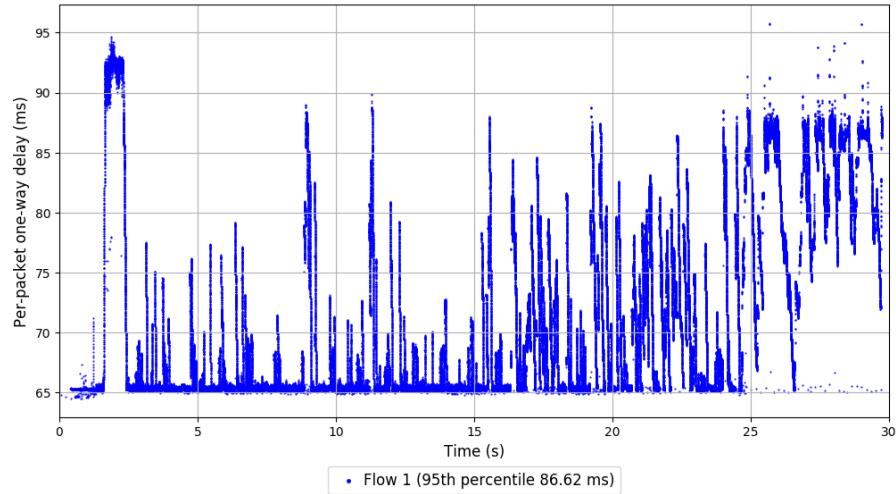
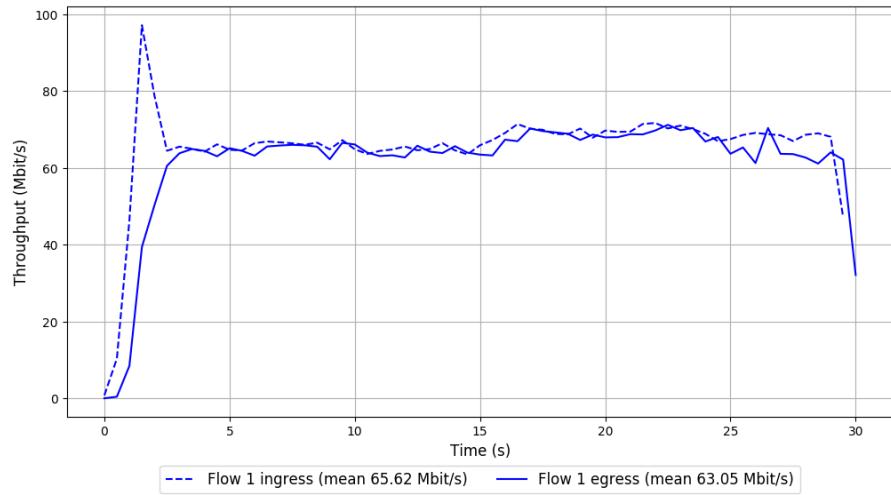


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-07-18 01:54:13
End at: 2018-07-18 01:54:43
Local clock offset: 6.556 ms
Remote clock offset: 1.587 ms

# Below is generated by plot.py at 2018-07-18 05:54:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.05 Mbit/s
95th percentile per-packet one-way delay: 86.618 ms
Loss rate: 4.45%
-- Flow 1:
Average throughput: 63.05 Mbit/s
95th percentile per-packet one-way delay: 86.618 ms
Loss rate: 4.45%
```

Run 2: Report of PCC-Allegro — Data Link

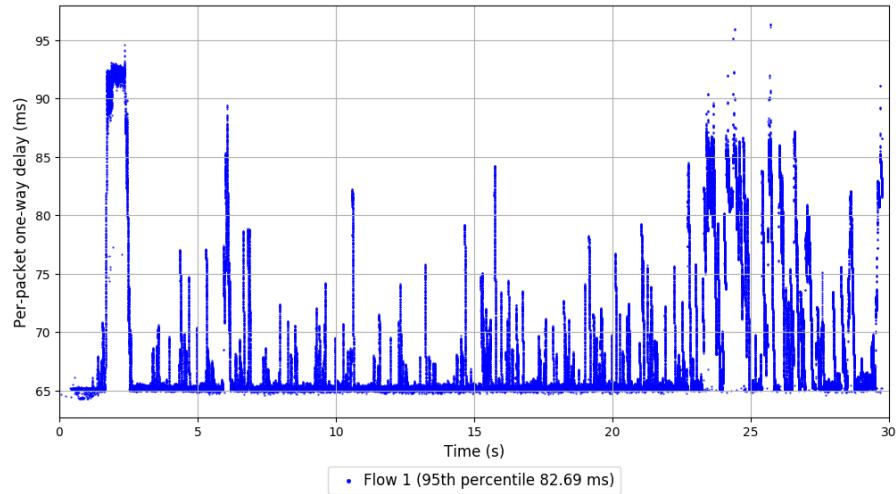
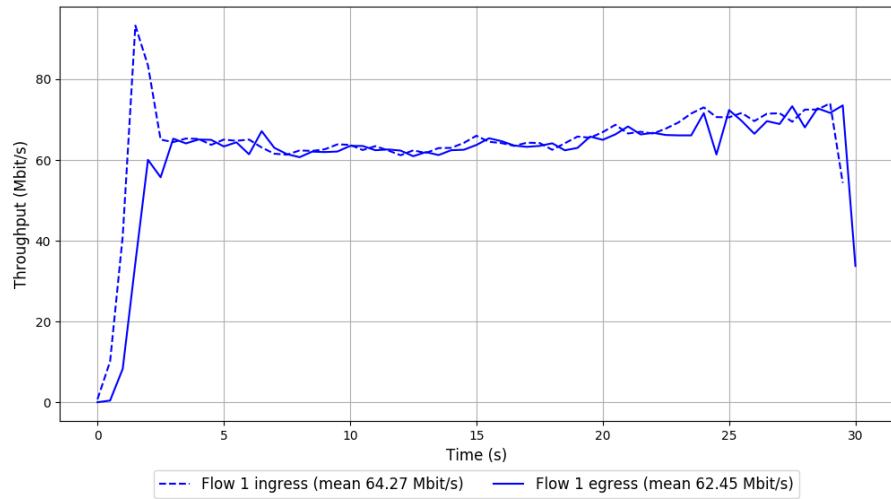


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-07-18 02:22:47
End at: 2018-07-18 02:23:17
Local clock offset: 5.762 ms
Remote clock offset: 2.087 ms

# Below is generated by plot.py at 2018-07-18 05:54:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.45 Mbit/s
95th percentile per-packet one-way delay: 82.690 ms
Loss rate: 3.36%
-- Flow 1:
Average throughput: 62.45 Mbit/s
95th percentile per-packet one-way delay: 82.690 ms
Loss rate: 3.36%
```

Run 3: Report of PCC-Allegro — Data Link

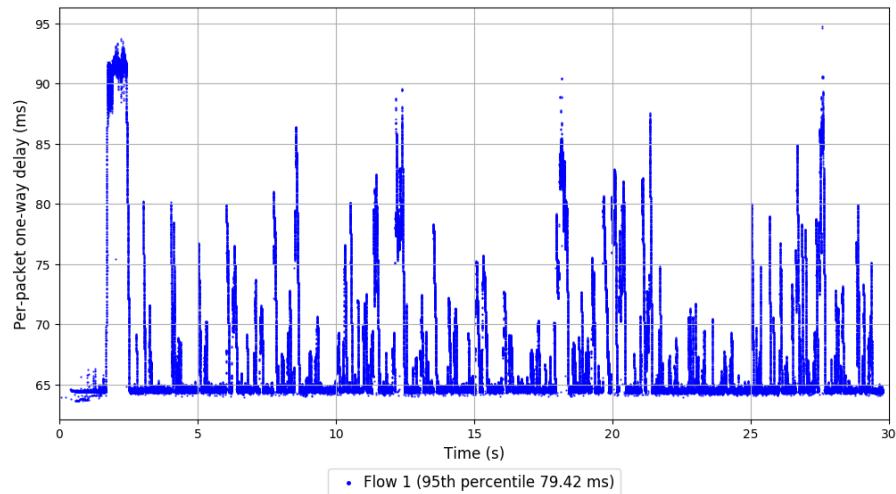
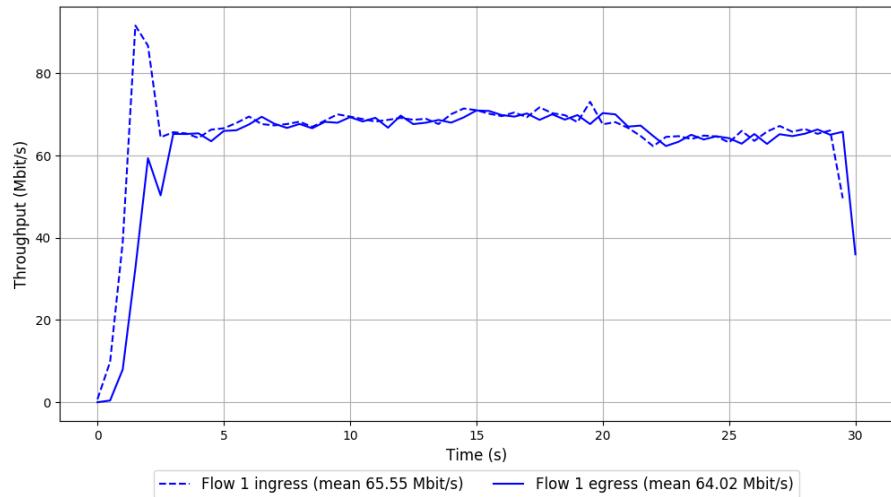


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-07-18 02:50:44
End at: 2018-07-18 02:51:14
Local clock offset: 6.152 ms
Remote clock offset: 2.54 ms

# Below is generated by plot.py at 2018-07-18 05:54:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.02 Mbit/s
95th percentile per-packet one-way delay: 79.420 ms
Loss rate: 2.88%
-- Flow 1:
Average throughput: 64.02 Mbit/s
95th percentile per-packet one-way delay: 79.420 ms
Loss rate: 2.88%
```

Run 4: Report of PCC-Allegro — Data Link

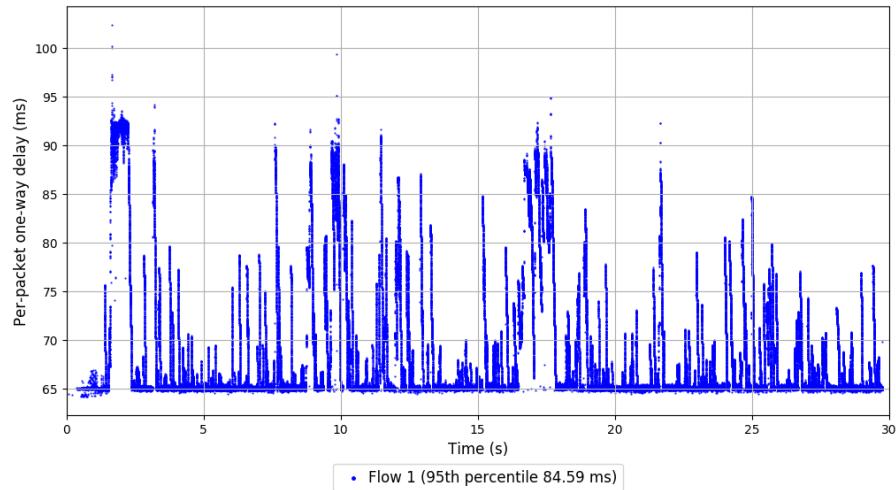
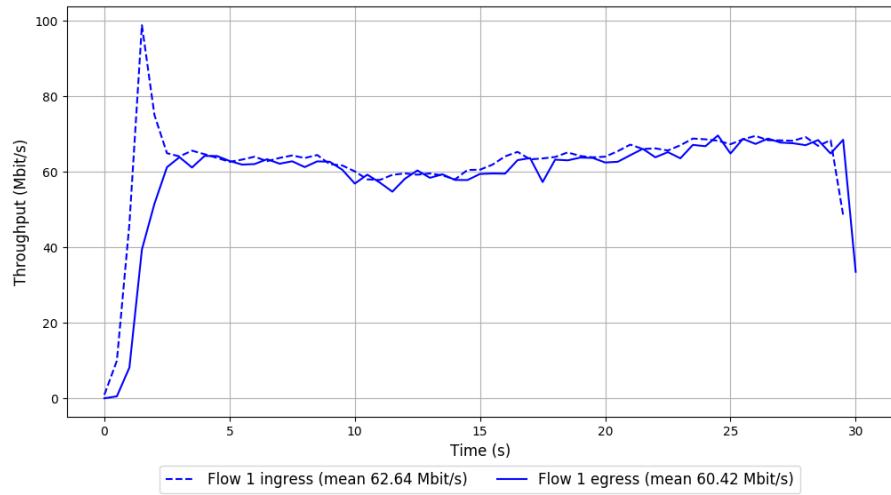


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-07-18 03:20:32
End at: 2018-07-18 03:21:02
Local clock offset: 6.718 ms
Remote clock offset: 2.606 ms

# Below is generated by plot.py at 2018-07-18 05:54:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.42 Mbit/s
95th percentile per-packet one-way delay: 84.593 ms
Loss rate: 4.05%
-- Flow 1:
Average throughput: 60.42 Mbit/s
95th percentile per-packet one-way delay: 84.593 ms
Loss rate: 4.05%
```

Run 5: Report of PCC-Allegro — Data Link

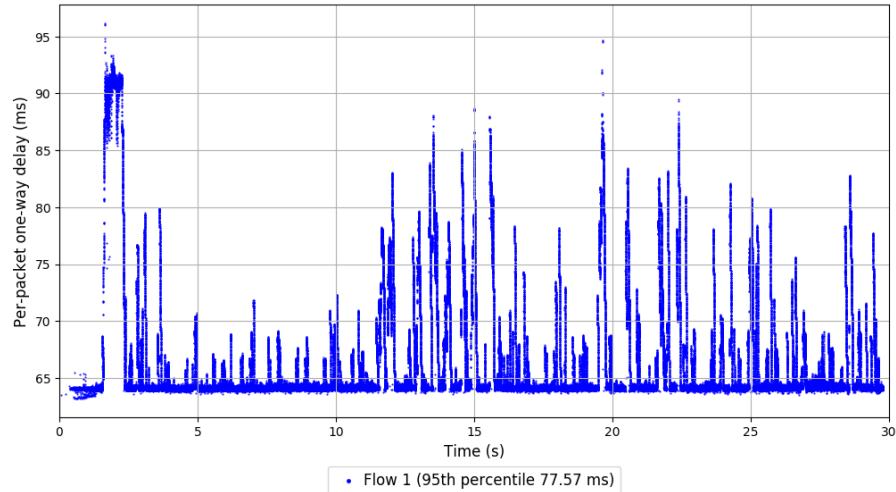
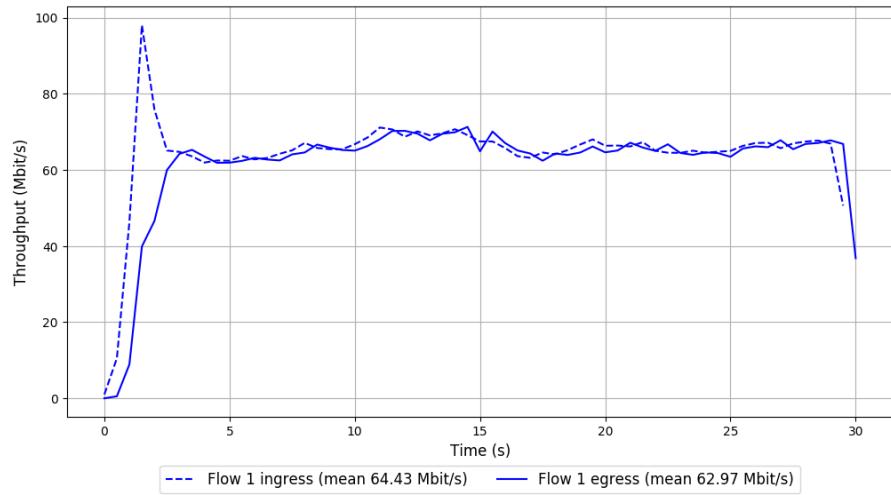


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-07-18 03:49:19
End at: 2018-07-18 03:49:49
Local clock offset: 6.573 ms
Remote clock offset: 2.51 ms

# Below is generated by plot.py at 2018-07-18 05:54:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.97 Mbit/s
95th percentile per-packet one-way delay: 77.570 ms
Loss rate: 2.81%
-- Flow 1:
Average throughput: 62.97 Mbit/s
95th percentile per-packet one-way delay: 77.570 ms
Loss rate: 2.81%
```

Run 6: Report of PCC-Allegro — Data Link

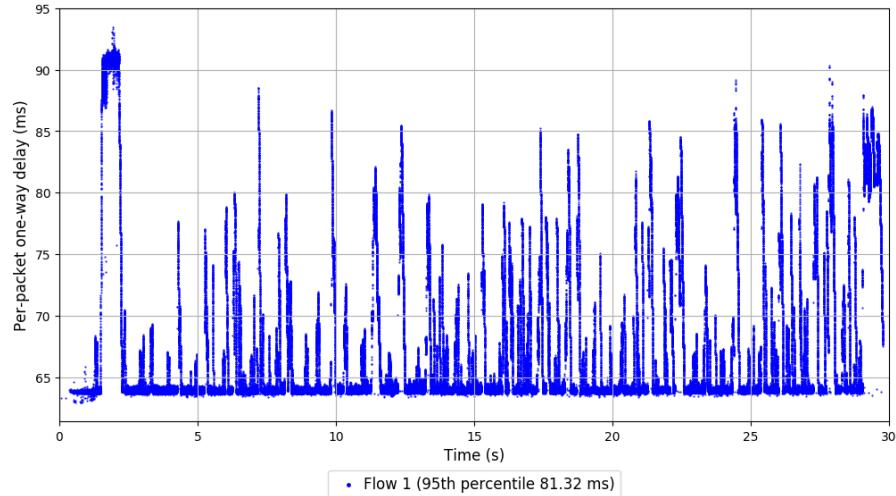
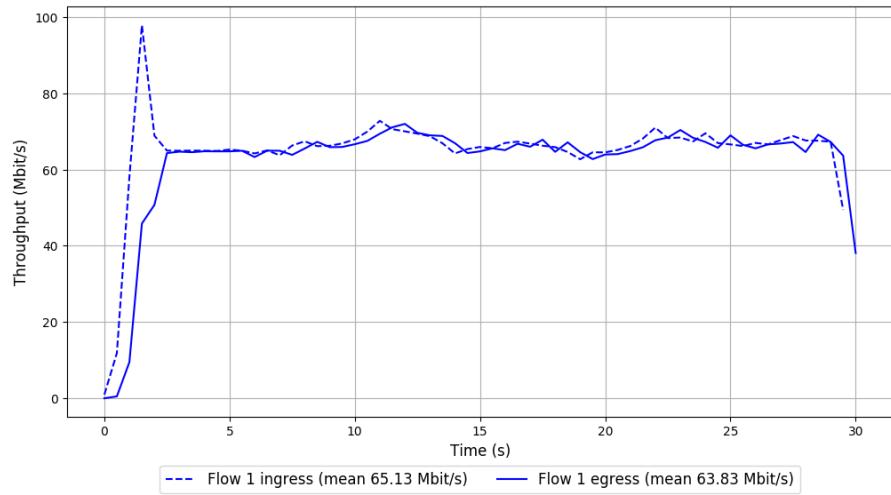


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-07-18 04:15:48
End at: 2018-07-18 04:16:18
Local clock offset: 5.843 ms
Remote clock offset: 2.278 ms

# Below is generated by plot.py at 2018-07-18 05:54:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.83 Mbit/s
95th percentile per-packet one-way delay: 81.316 ms
Loss rate: 2.54%
-- Flow 1:
Average throughput: 63.83 Mbit/s
95th percentile per-packet one-way delay: 81.316 ms
Loss rate: 2.54%
```

Run 7: Report of PCC-Allegro — Data Link

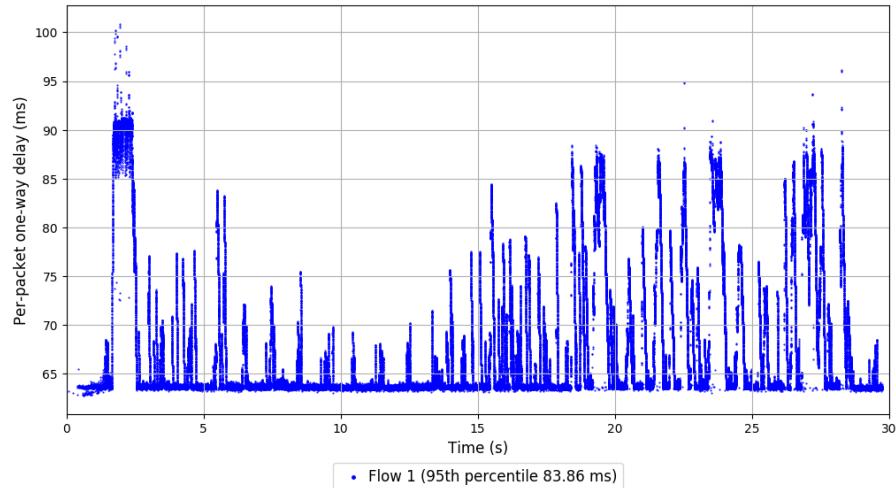
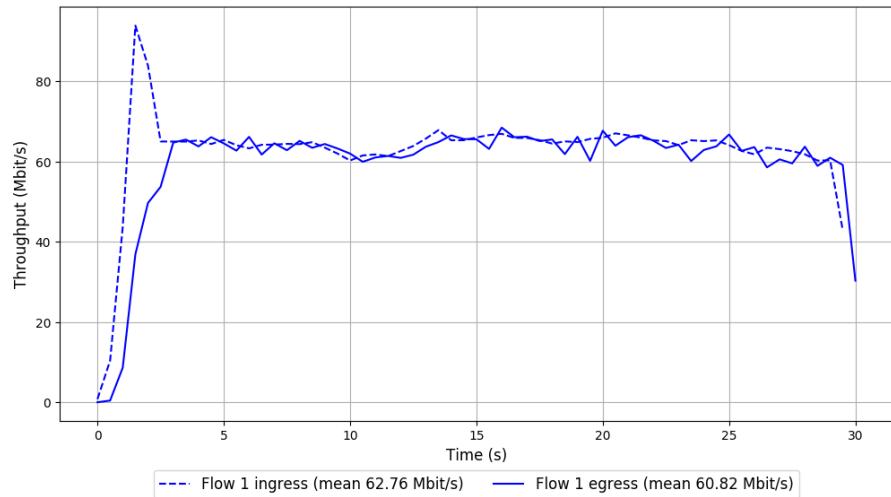


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-07-18 04:43:56
End at: 2018-07-18 04:44:26
Local clock offset: 4.615 ms
Remote clock offset: 1.921 ms

# Below is generated by plot.py at 2018-07-18 05:54:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.82 Mbit/s
95th percentile per-packet one-way delay: 83.855 ms
Loss rate: 3.62%
-- Flow 1:
Average throughput: 60.82 Mbit/s
95th percentile per-packet one-way delay: 83.855 ms
Loss rate: 3.62%
```

Run 8: Report of PCC-Allegro — Data Link

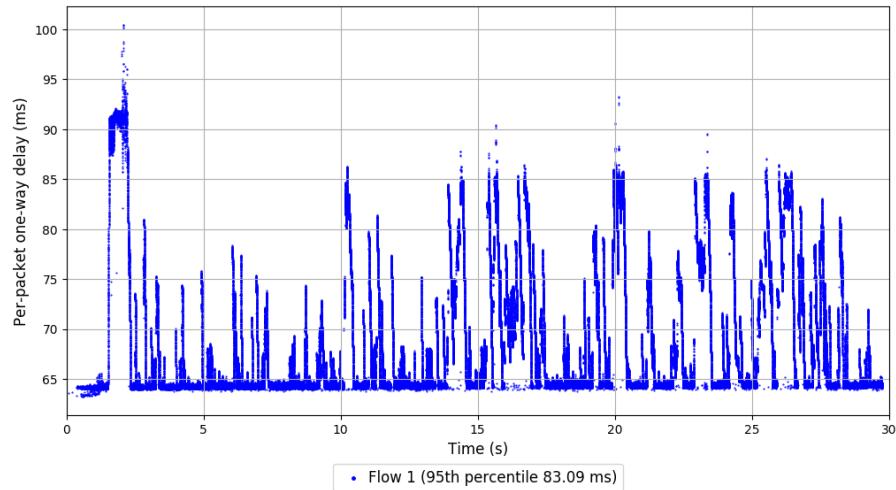
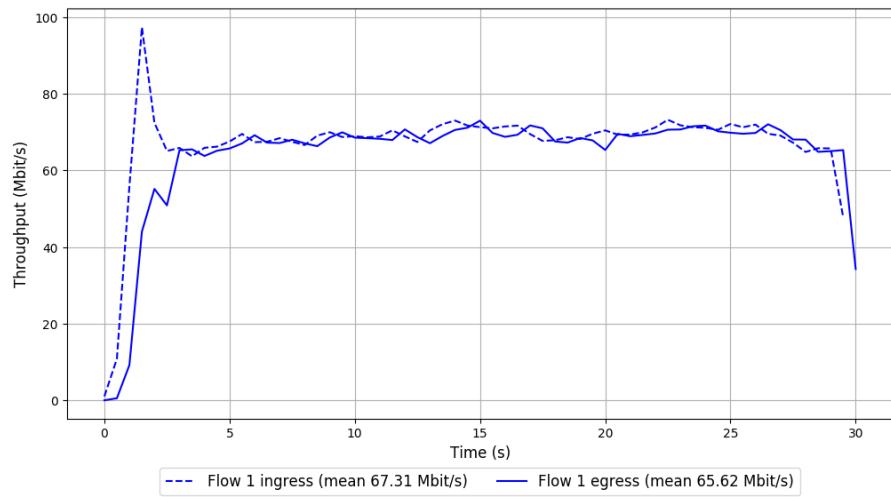


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-07-18 05:11:45
End at: 2018-07-18 05:12:15
Local clock offset: 5.12 ms
Remote clock offset: 1.622 ms

# Below is generated by plot.py at 2018-07-18 05:55:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.62 Mbit/s
95th percentile per-packet one-way delay: 83.090 ms
Loss rate: 3.03%
-- Flow 1:
Average throughput: 65.62 Mbit/s
95th percentile per-packet one-way delay: 83.090 ms
Loss rate: 3.03%
```

Run 9: Report of PCC-Allegro — Data Link

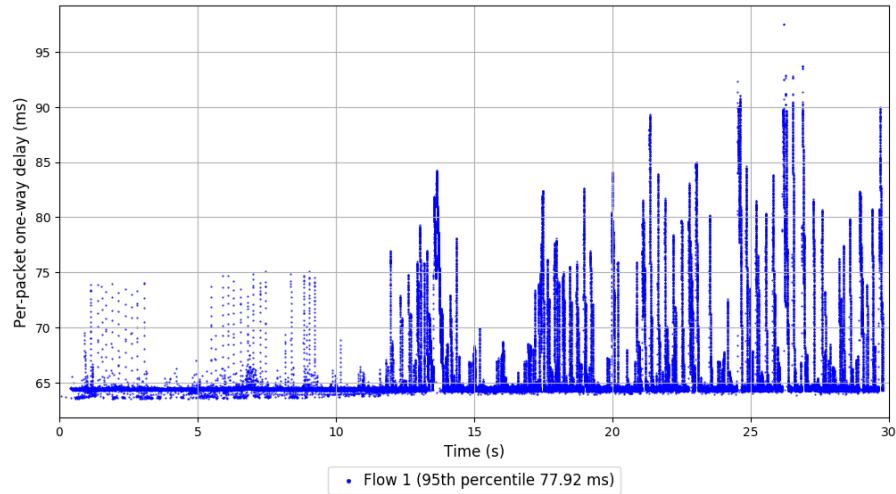
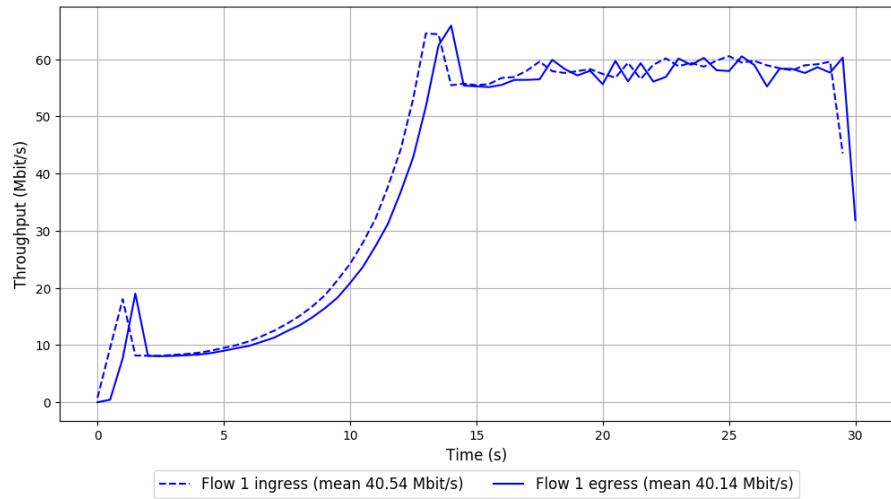


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-07-18 05:39:06
End at: 2018-07-18 05:39:36
Local clock offset: 0.561 ms
Remote clock offset: 1.335 ms

# Below is generated by plot.py at 2018-07-18 05:55:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.14 Mbit/s
95th percentile per-packet one-way delay: 77.916 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 40.14 Mbit/s
95th percentile per-packet one-way delay: 77.916 ms
Loss rate: 1.53%
```

Run 10: Report of PCC-Allegro — Data Link

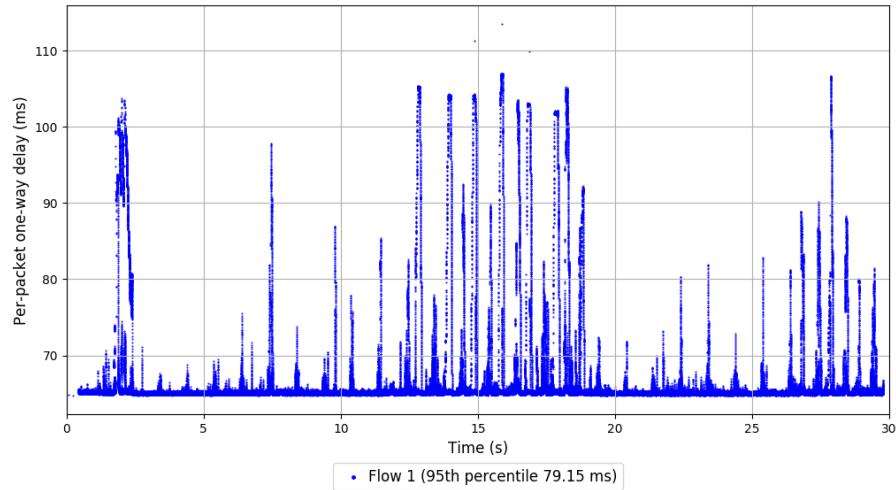
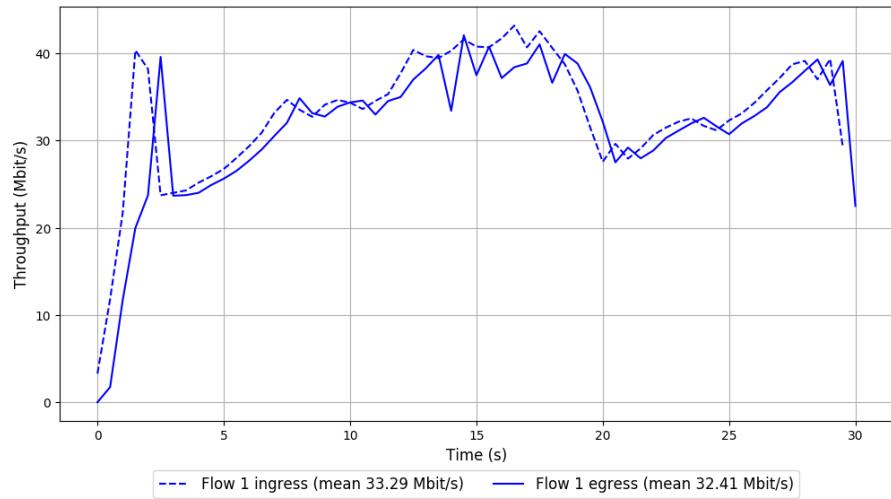


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2018-07-18 01:18:37
End at: 2018-07-18 01:19:07
Local clock offset: 2.879 ms
Remote clock offset: 0.619 ms

# Below is generated by plot.py at 2018-07-18 05:55:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.41 Mbit/s
95th percentile per-packet one-way delay: 79.154 ms
Loss rate: 3.17%
-- Flow 1:
Average throughput: 32.41 Mbit/s
95th percentile per-packet one-way delay: 79.154 ms
Loss rate: 3.17%
```

Run 1: Report of PCC-Expr — Data Link

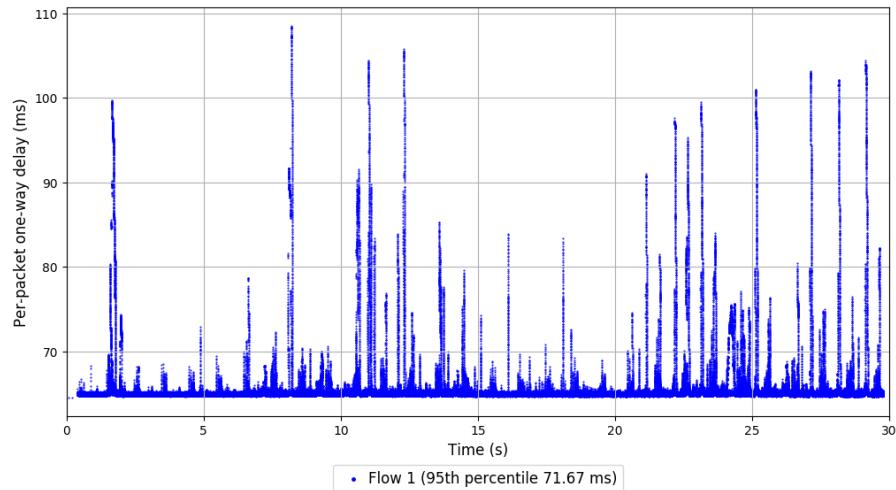
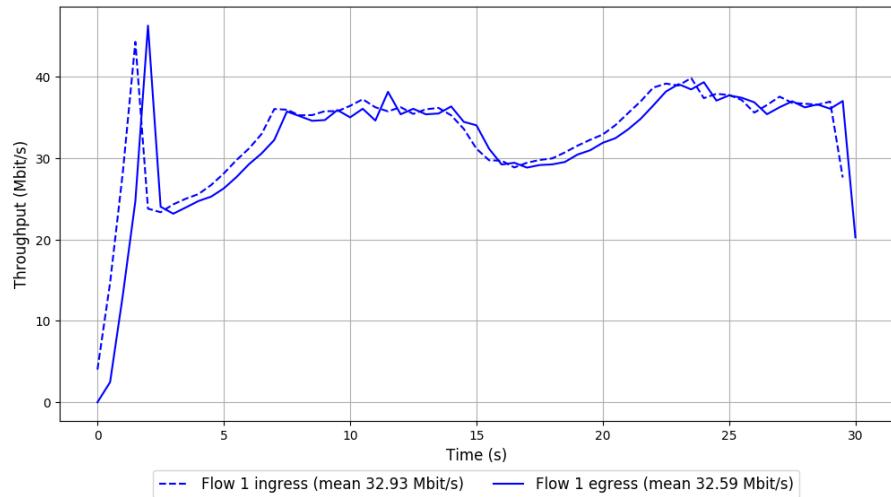


Run 2: Statistics of PCC-Expr

```
Start at: 2018-07-18 01:46:50
End at: 2018-07-18 01:47:20
Local clock offset: 5.404 ms
Remote clock offset: 1.425 ms

# Below is generated by plot.py at 2018-07-18 05:55:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 71.665 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 71.665 ms
Loss rate: 1.58%
```

Run 2: Report of PCC-Expr — Data Link

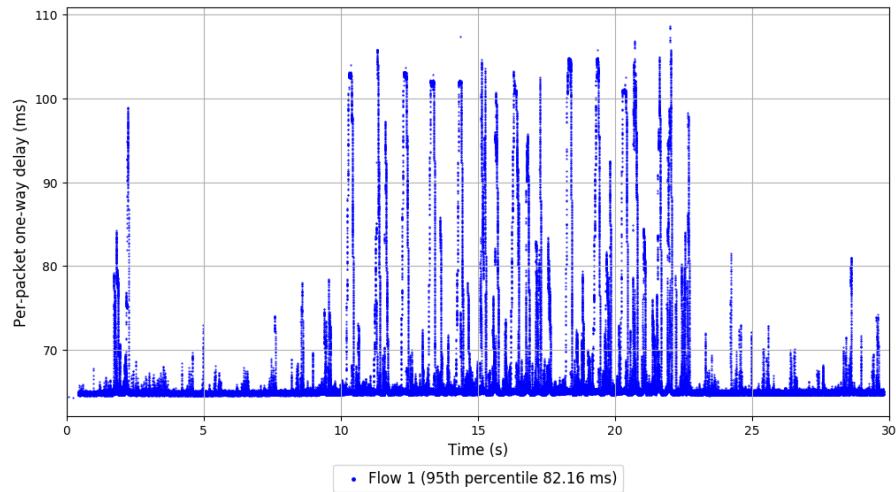
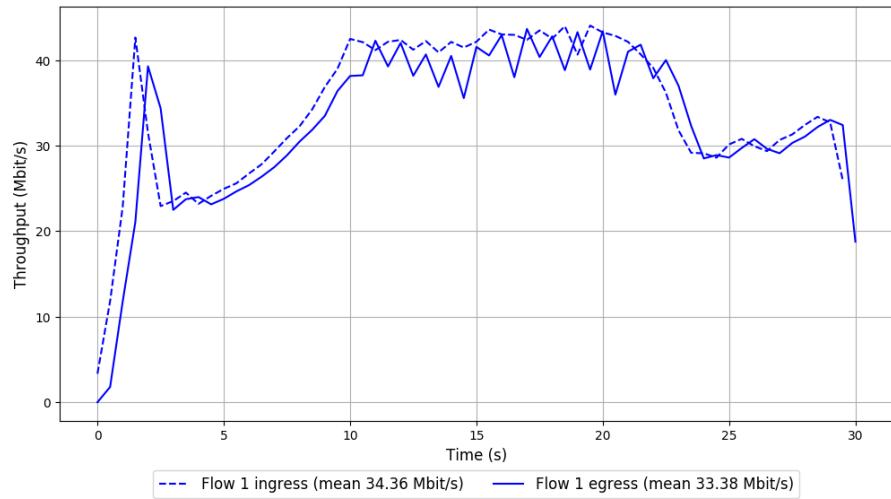


Run 3: Statistics of PCC-Expr

```
Start at: 2018-07-18 02:15:50
End at: 2018-07-18 02:16:20
Local clock offset: 6.297 ms
Remote clock offset: 1.918 ms

# Below is generated by plot.py at 2018-07-18 05:55:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.38 Mbit/s
95th percentile per-packet one-way delay: 82.160 ms
Loss rate: 3.38%
-- Flow 1:
Average throughput: 33.38 Mbit/s
95th percentile per-packet one-way delay: 82.160 ms
Loss rate: 3.38%
```

Run 3: Report of PCC-Expr — Data Link

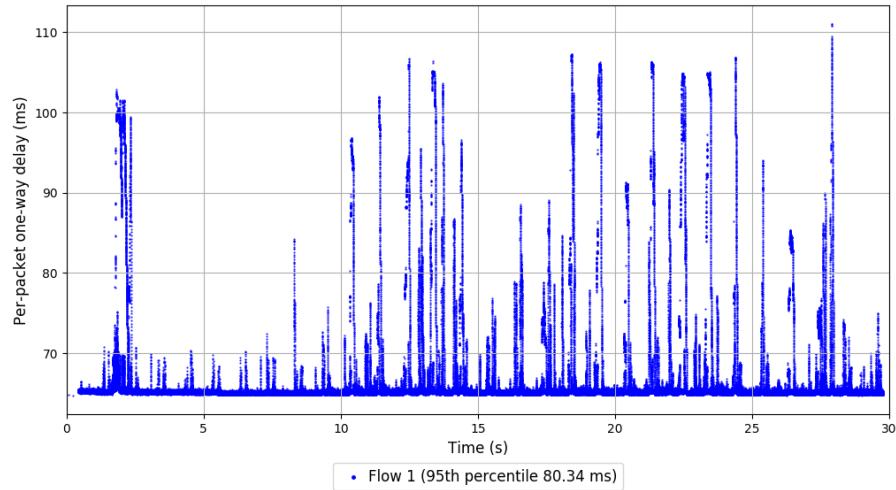
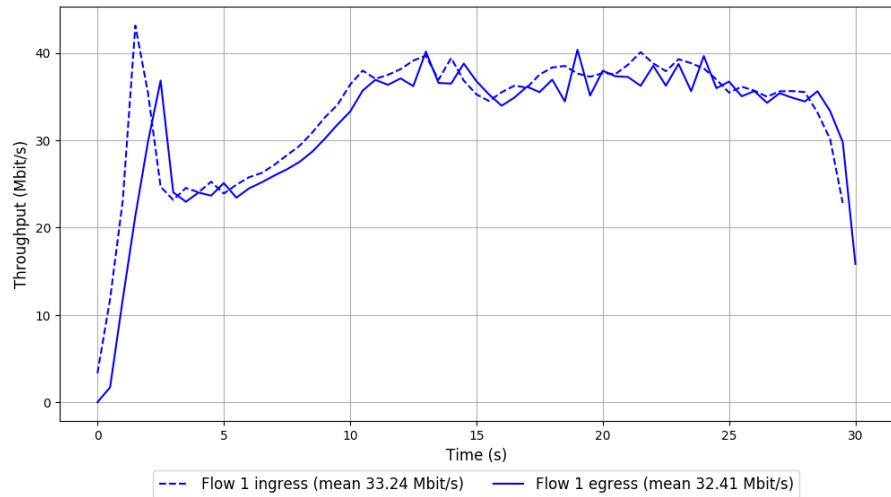


Run 4: Statistics of PCC-Expr

```
Start at: 2018-07-18 02:43:36
End at: 2018-07-18 02:44:06
Local clock offset: 5.668 ms
Remote clock offset: 2.44 ms

# Below is generated by plot.py at 2018-07-18 05:55:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.41 Mbit/s
95th percentile per-packet one-way delay: 80.343 ms
Loss rate: 3.02%
-- Flow 1:
Average throughput: 32.41 Mbit/s
95th percentile per-packet one-way delay: 80.343 ms
Loss rate: 3.02%
```

Run 4: Report of PCC-Expr — Data Link

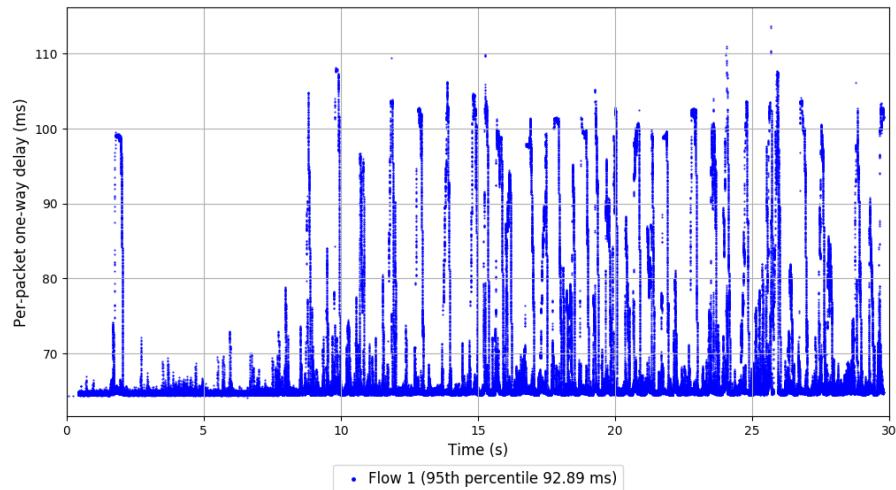
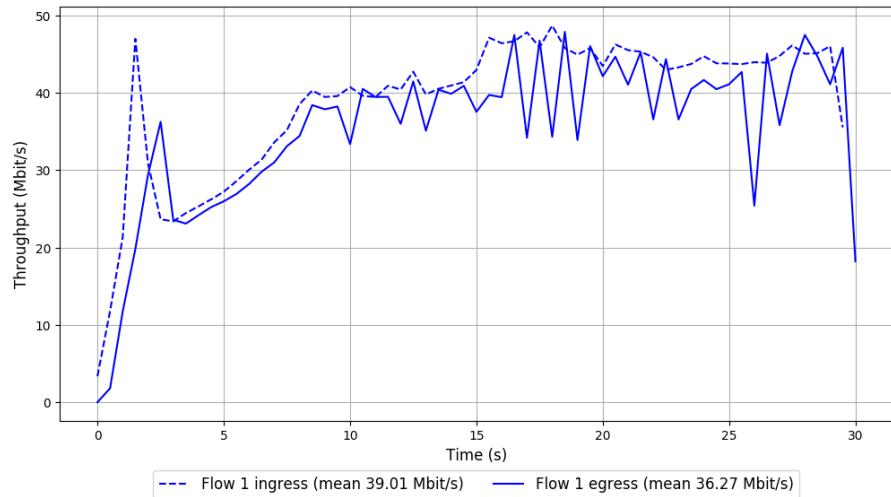


Run 5: Statistics of PCC-Expr

```
Start at: 2018-07-18 03:12:59
End at: 2018-07-18 03:13:29
Local clock offset: 6.844 ms
Remote clock offset: 2.549 ms

# Below is generated by plot.py at 2018-07-18 05:55:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.27 Mbit/s
95th percentile per-packet one-way delay: 92.891 ms
Loss rate: 7.52%
-- Flow 1:
Average throughput: 36.27 Mbit/s
95th percentile per-packet one-way delay: 92.891 ms
Loss rate: 7.52%
```

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

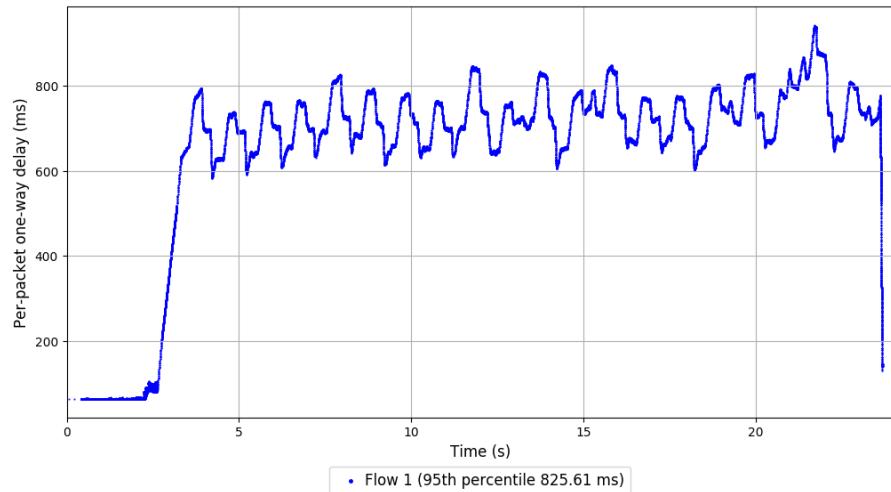
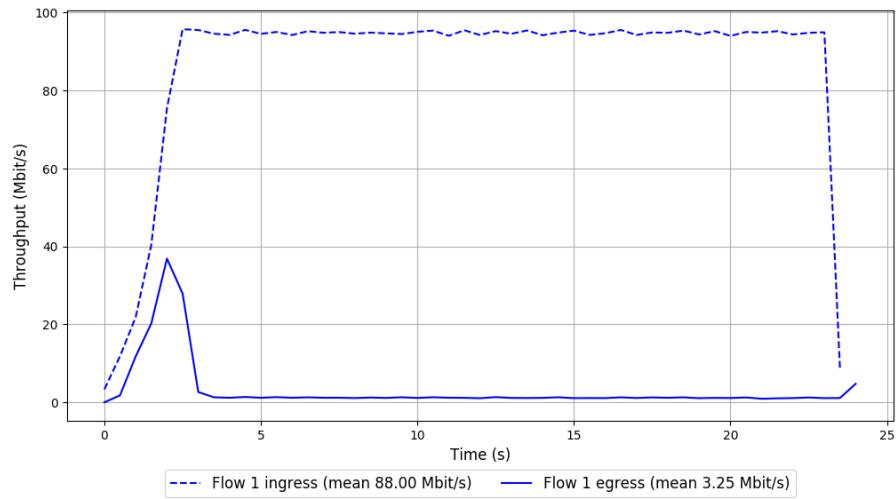
Start at: 2018-07-18 03:41:52

End at: 2018-07-18 03:42:22

Local clock offset: 6.874 ms

Remote clock offset: 2.563 ms

Run 6: Report of PCC-Expr — Data Link

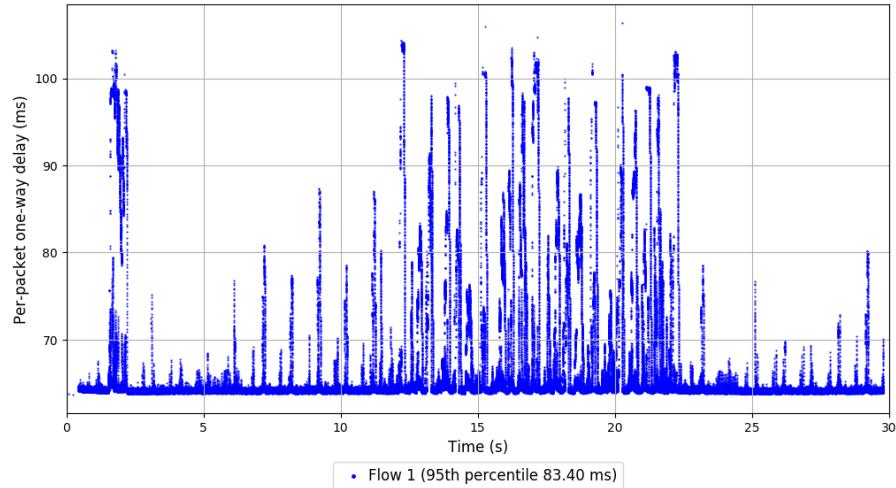
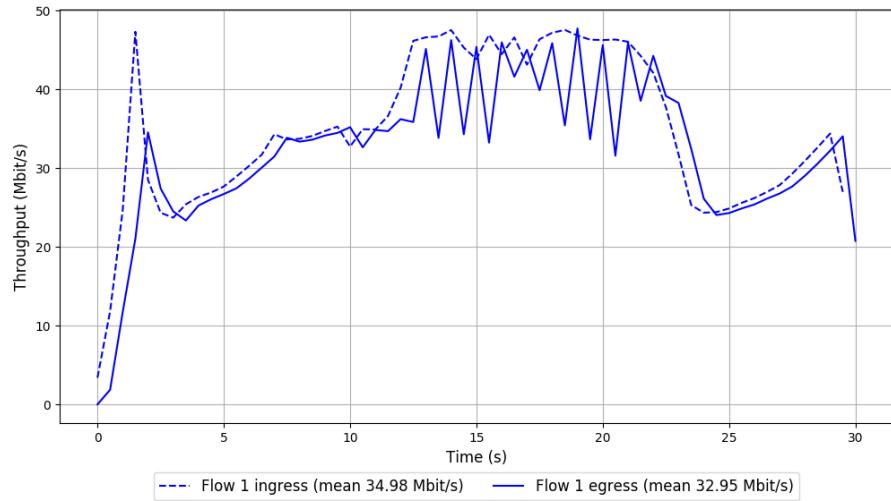


Run 7: Statistics of PCC-Expr

```
Start at: 2018-07-18 04:09:13
End at: 2018-07-18 04:09:43
Local clock offset: 6.663 ms
Remote clock offset: 2.33 ms

# Below is generated by plot.py at 2018-07-18 05:56:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.95 Mbit/s
95th percentile per-packet one-way delay: 83.400 ms
Loss rate: 6.30%
-- Flow 1:
Average throughput: 32.95 Mbit/s
95th percentile per-packet one-way delay: 83.400 ms
Loss rate: 6.30%
```

Run 7: Report of PCC-Expr — Data Link

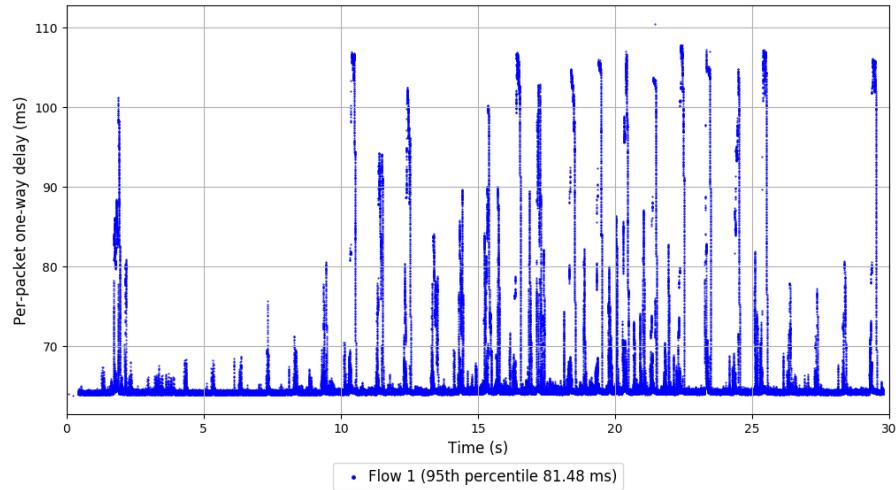
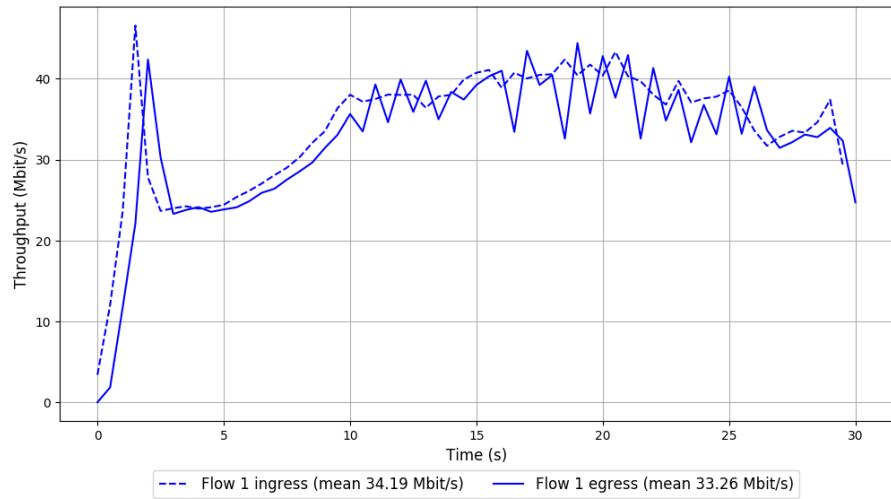


Run 8: Statistics of PCC-Expr

```
Start at: 2018-07-18 04:36:17
End at: 2018-07-18 04:36:47
Local clock offset: 4.317 ms
Remote clock offset: 1.944 ms

# Below is generated by plot.py at 2018-07-18 05:56:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.26 Mbit/s
95th percentile per-packet one-way delay: 81.482 ms
Loss rate: 3.26%
-- Flow 1:
Average throughput: 33.26 Mbit/s
95th percentile per-packet one-way delay: 81.482 ms
Loss rate: 3.26%
```

Run 8: Report of PCC-Expr — Data Link

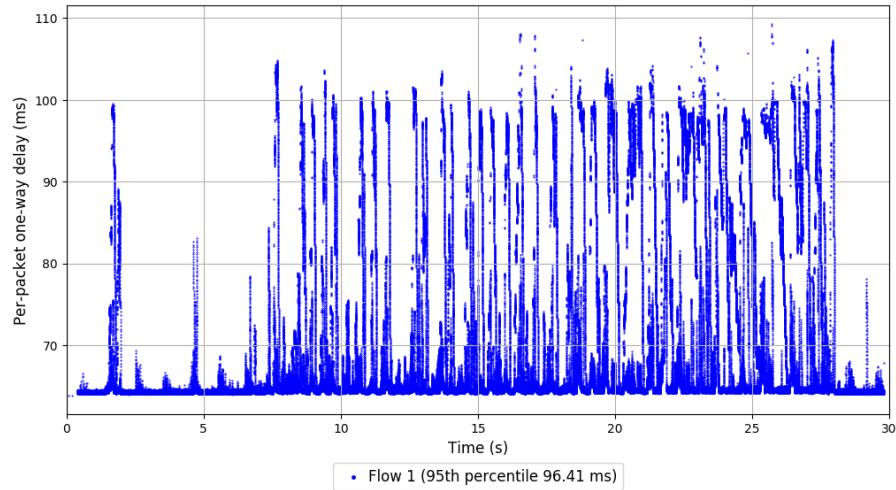
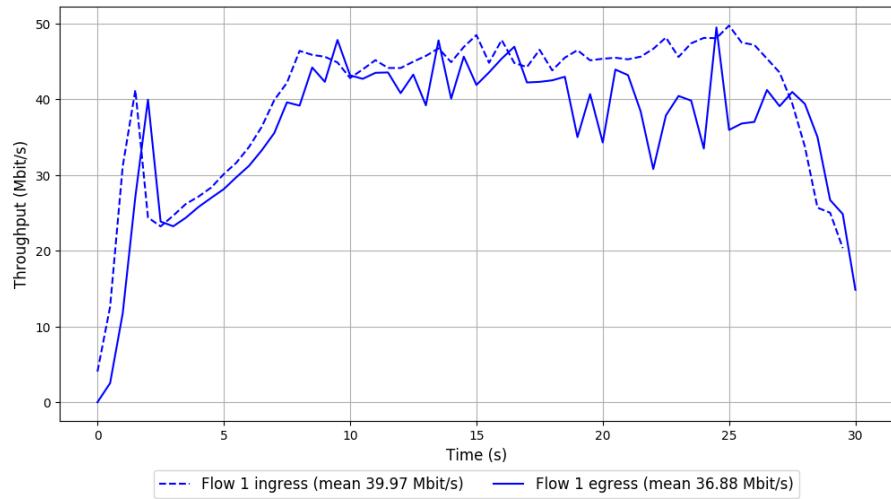


Run 9: Statistics of PCC-Expr

```
Start at: 2018-07-18 05:04:57
End at: 2018-07-18 05:05:27
Local clock offset: 5.824 ms
Remote clock offset: 1.83 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: 96.410 ms
Loss rate: 8.23%
-- Flow 1:
Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: 96.410 ms
Loss rate: 8.23%
```

Run 9: Report of PCC-Expr — Data Link

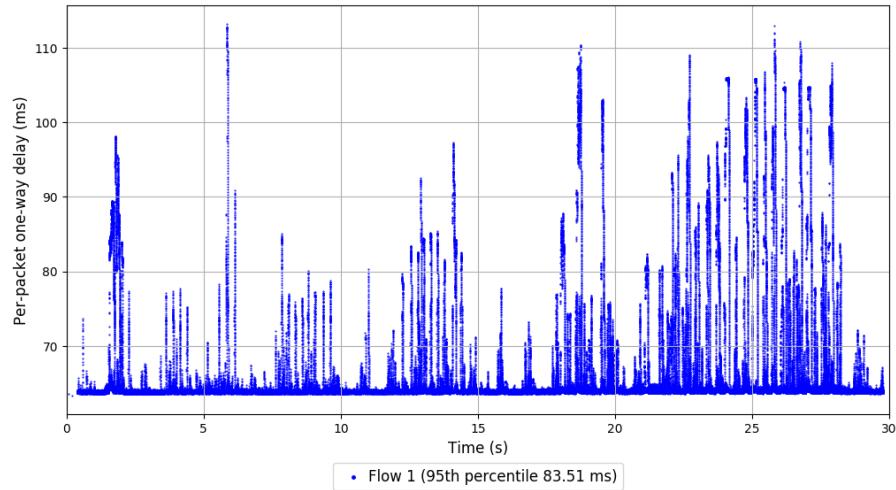
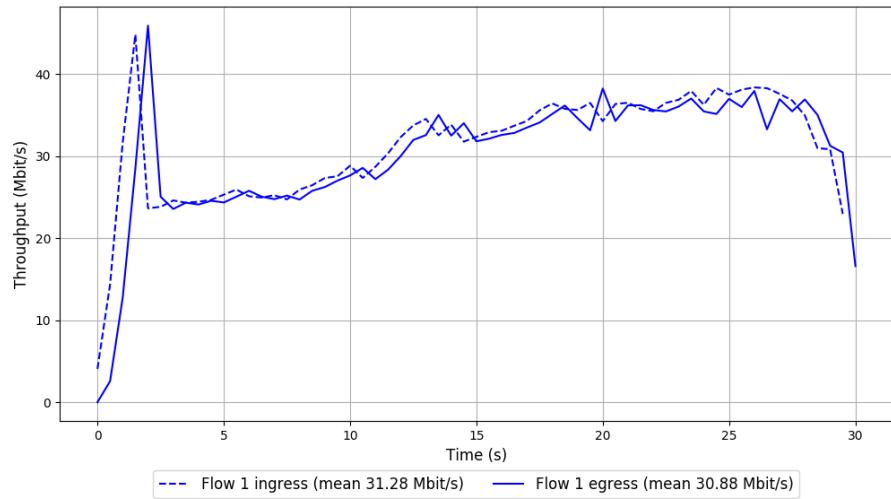


Run 10: Statistics of PCC-Expr

```
Start at: 2018-07-18 05:32:40
End at: 2018-07-18 05:33:10
Local clock offset: 1.315 ms
Remote clock offset: 1.31 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.88 Mbit/s
95th percentile per-packet one-way delay: 83.507 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 30.88 Mbit/s
95th percentile per-packet one-way delay: 83.507 ms
Loss rate: 1.83%
```

Run 10: Report of PCC-Expr — Data Link

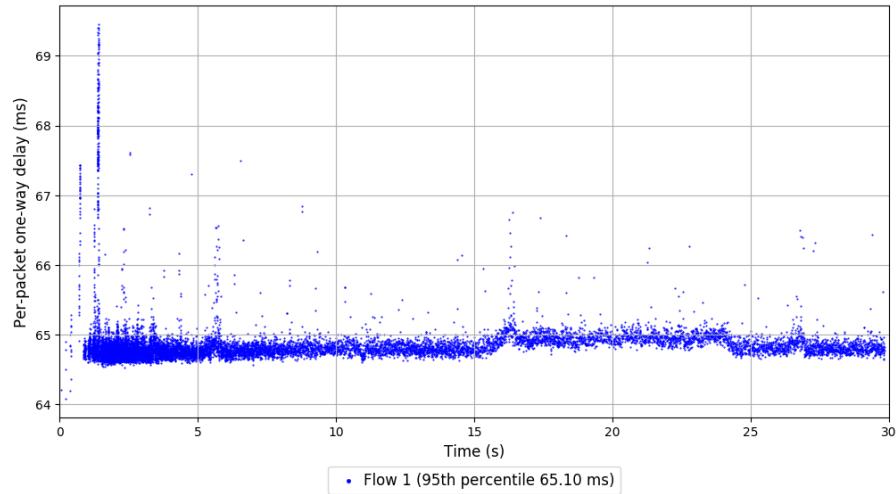
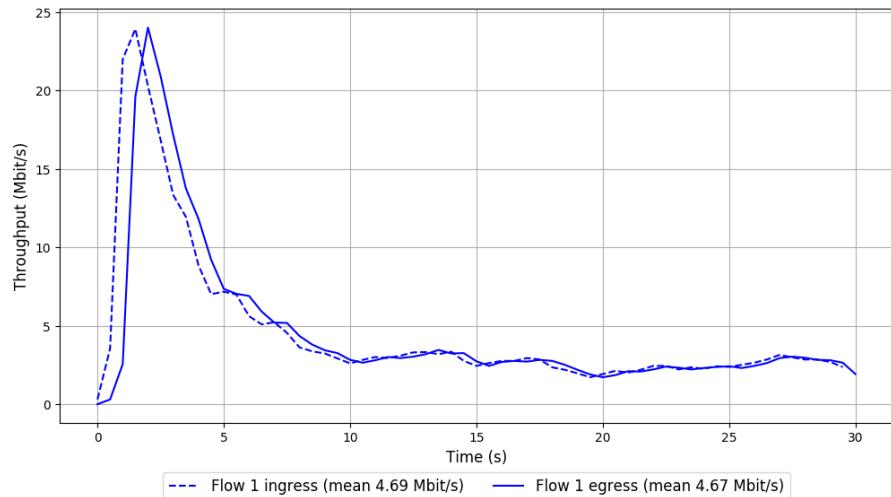


Run 1: Statistics of QUIC Cubic

```
Start at: 2018-07-18 01:27:16
End at: 2018-07-18 01:27:46
Local clock offset: 3.559 ms
Remote clock offset: 0.907 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.67 Mbit/s
95th percentile per-packet one-way delay: 65.101 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 4.67 Mbit/s
95th percentile per-packet one-way delay: 65.101 ms
Loss rate: 0.81%
```

Run 1: Report of QUIC Cubic — Data Link

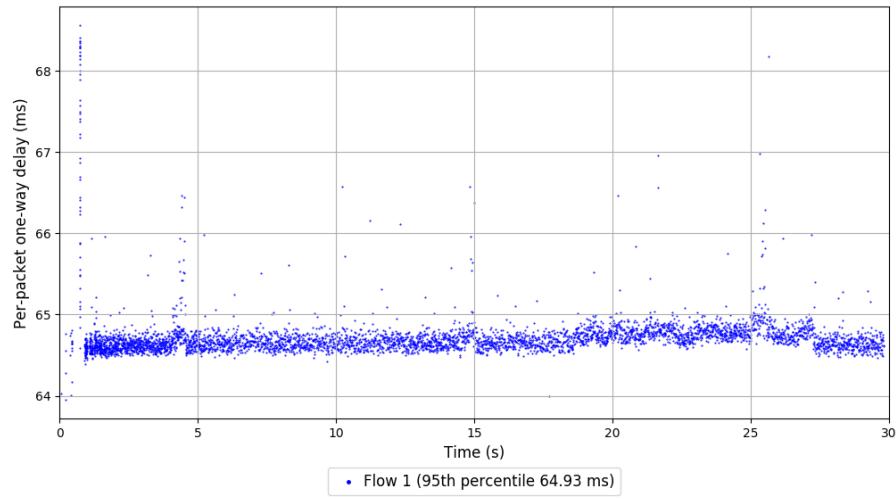
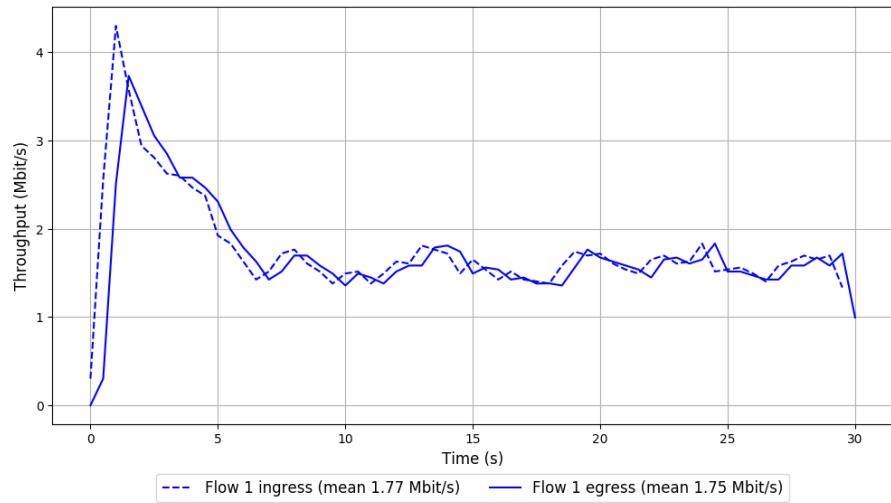


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-07-18 01:56:13
End at: 2018-07-18 01:56:43
Local clock offset: 6.556 ms
Remote clock offset: 1.619 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 64.930 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 64.930 ms
Loss rate: 1.90%
```

Run 2: Report of QUIC Cubic — Data Link

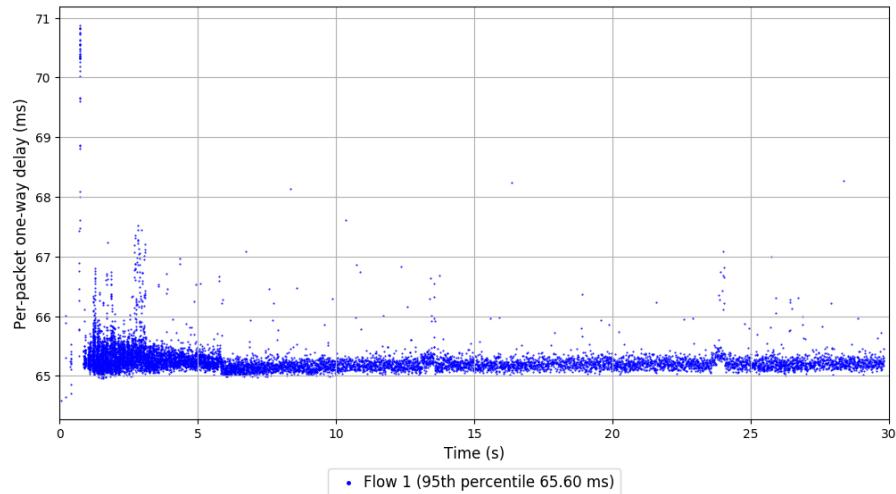
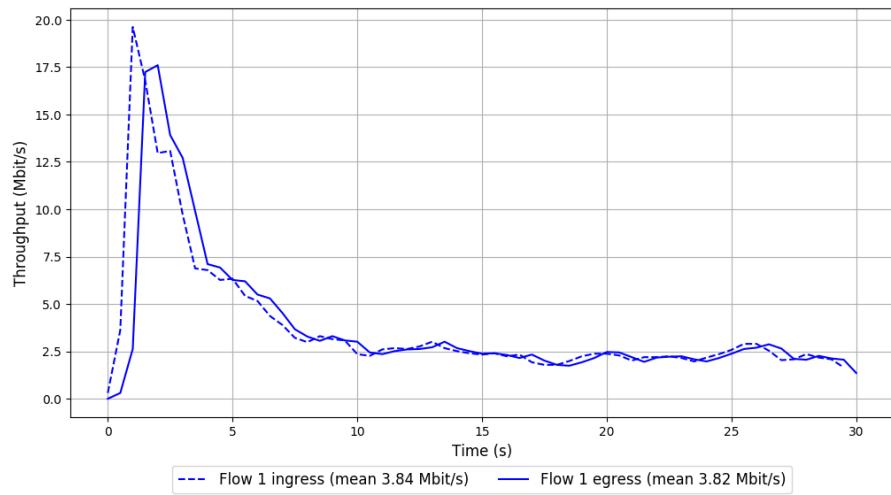


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-07-18 02:24:35
End at: 2018-07-18 02:25:05
Local clock offset: 5.729 ms
Remote clock offset: 2.108 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.82 Mbit/s
95th percentile per-packet one-way delay: 65.604 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 3.82 Mbit/s
95th percentile per-packet one-way delay: 65.604 ms
Loss rate: 0.98%
```

Run 3: Report of QUIC Cubic — Data Link

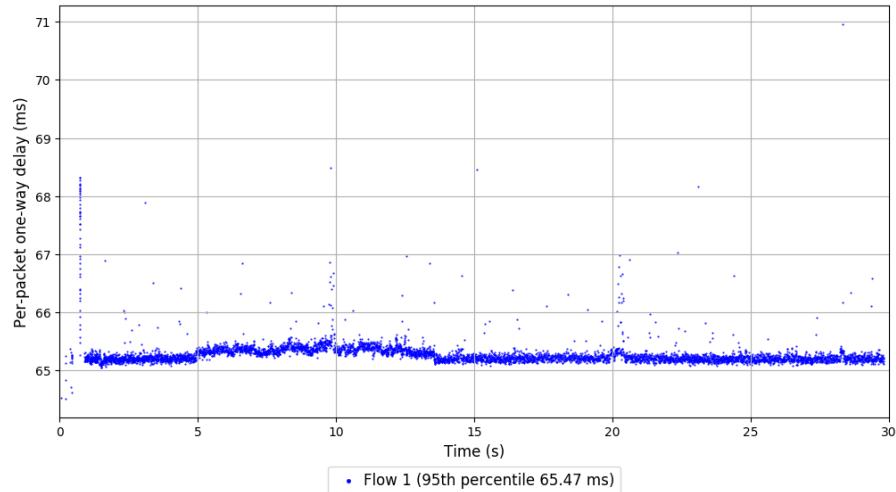
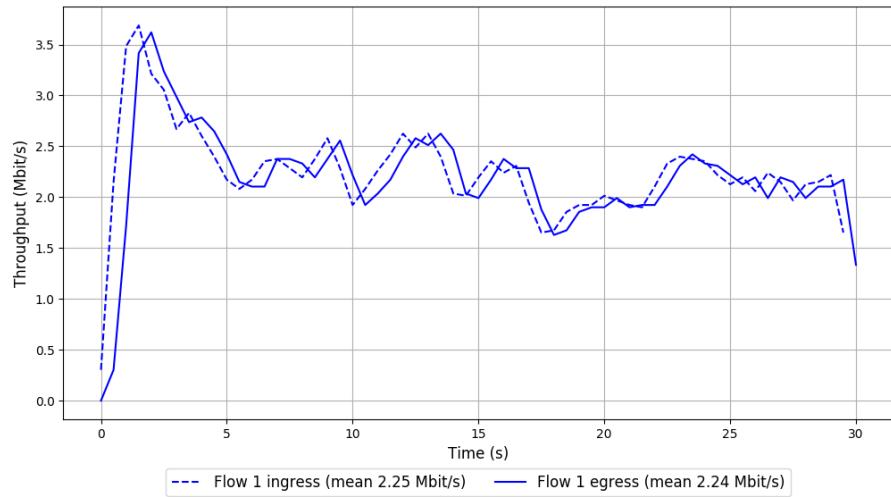


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-07-18 02:52:28
End at: 2018-07-18 02:52:58
Local clock offset: 6.602 ms
Remote clock offset: 2.461 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 65.470 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 65.470 ms
Loss rate: 1.14%
```

Run 4: Report of QUIC Cubic — Data Link

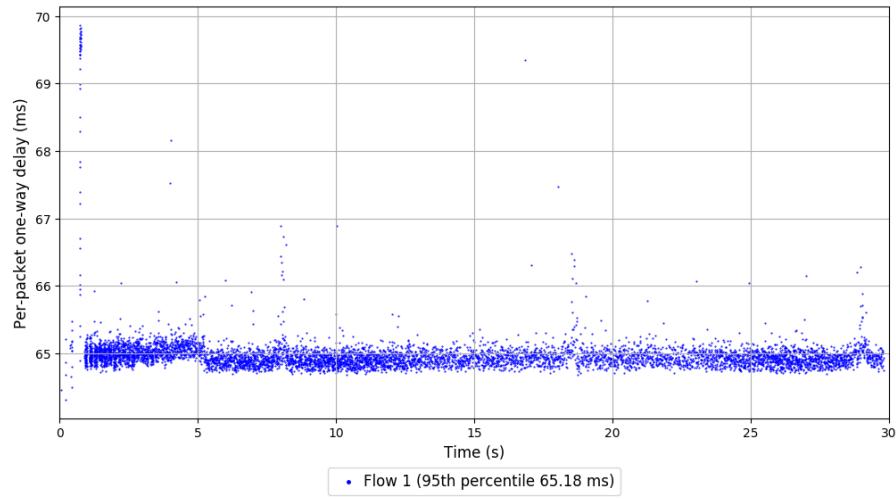
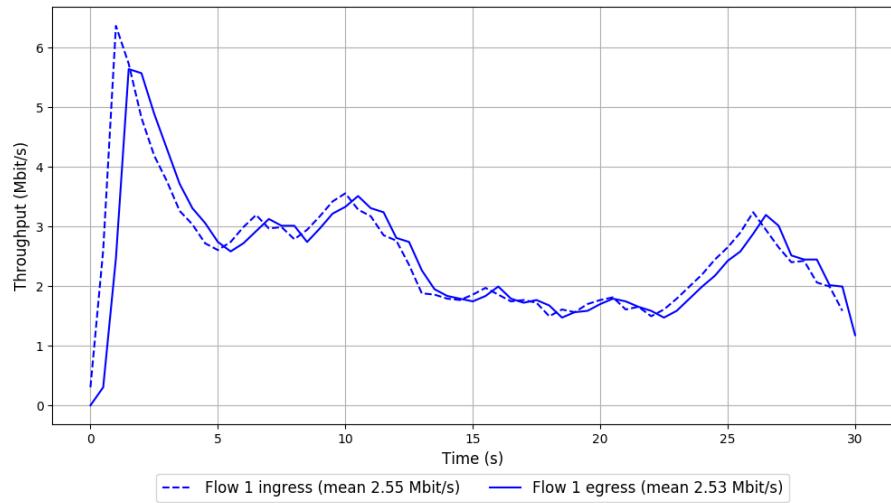


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-07-18 03:22:38
End at: 2018-07-18 03:23:08
Local clock offset: 6.654 ms
Remote clock offset: 2.551 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.53 Mbit/s
95th percentile per-packet one-way delay: 65.179 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 2.53 Mbit/s
95th percentile per-packet one-way delay: 65.179 ms
Loss rate: 1.31%
```

Run 5: Report of QUIC Cubic — Data Link

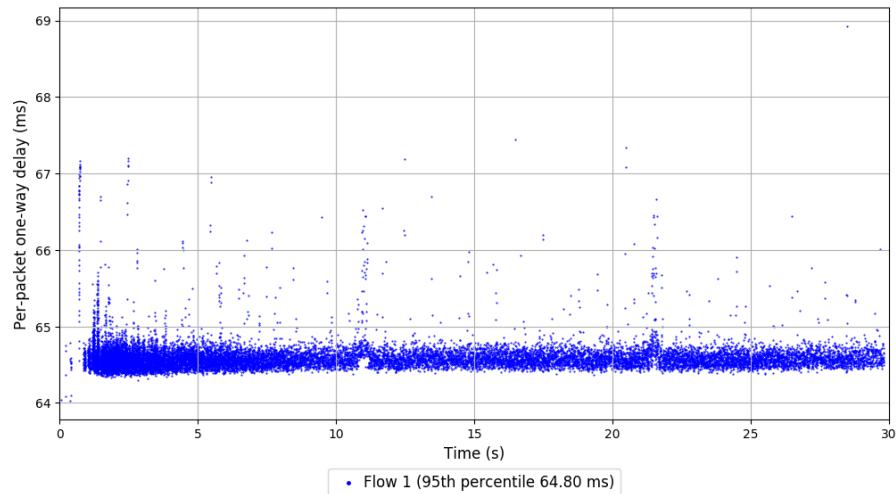
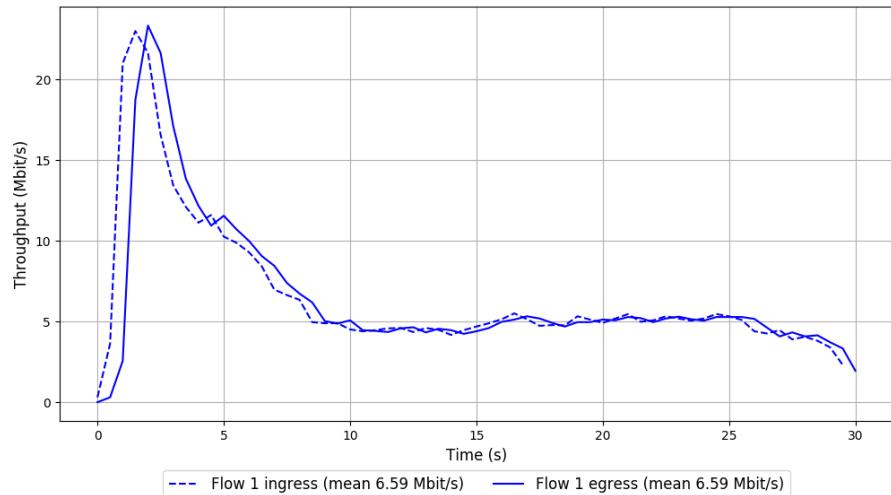


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-07-18 03:51:07
End at: 2018-07-18 03:51:37
Local clock offset: 6.754 ms
Remote clock offset: 2.468 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.59 Mbit/s
95th percentile per-packet one-way delay: 64.802 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 6.59 Mbit/s
95th percentile per-packet one-way delay: 64.802 ms
Loss rate: 0.52%
```

Run 6: Report of QUIC Cubic — Data Link

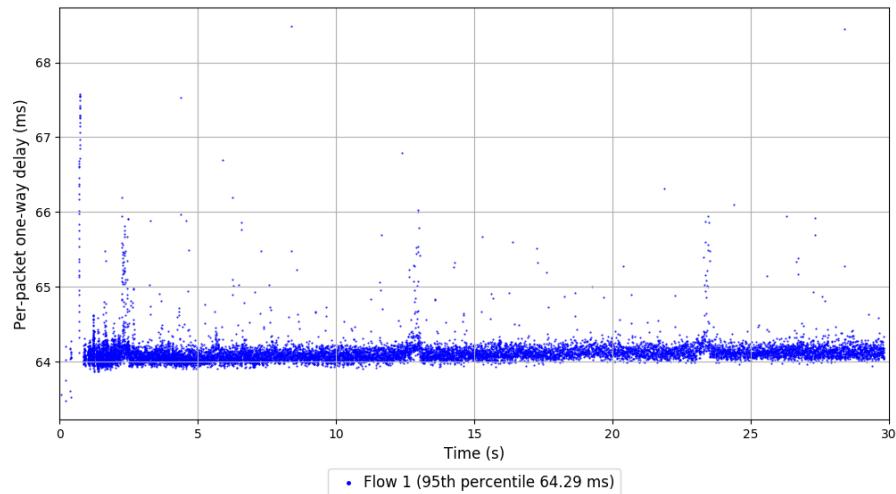
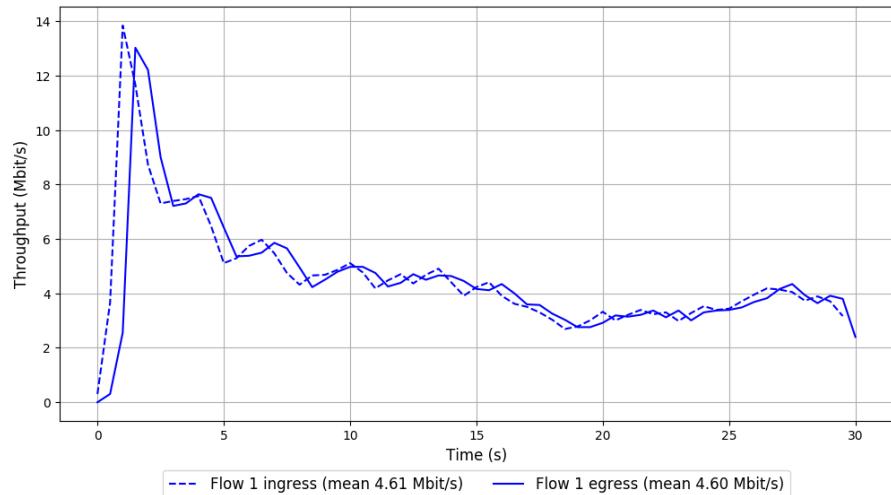


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-07-18 04:17:27
End at: 2018-07-18 04:17:57
Local clock offset: 5.728 ms
Remote clock offset: 2.277 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.60 Mbit/s
95th percentile per-packet one-way delay: 64.288 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 4.60 Mbit/s
95th percentile per-packet one-way delay: 64.288 ms
Loss rate: 0.74%
```

Run 7: Report of QUIC Cubic — Data Link

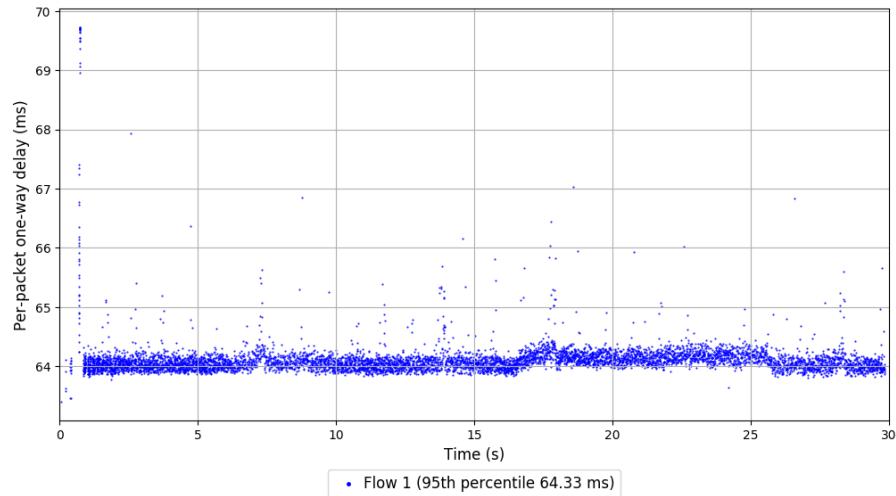
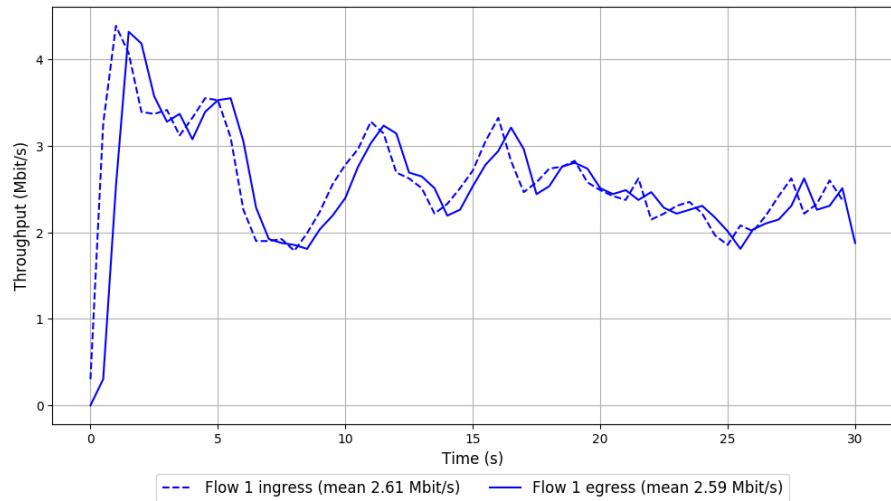


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-07-18 04:45:53
End at: 2018-07-18 04:46:23
Local clock offset: 4.877 ms
Remote clock offset: 1.982 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: 64.326 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: 64.326 ms
Loss rate: 1.20%
```

Run 8: Report of QUIC Cubic — Data Link

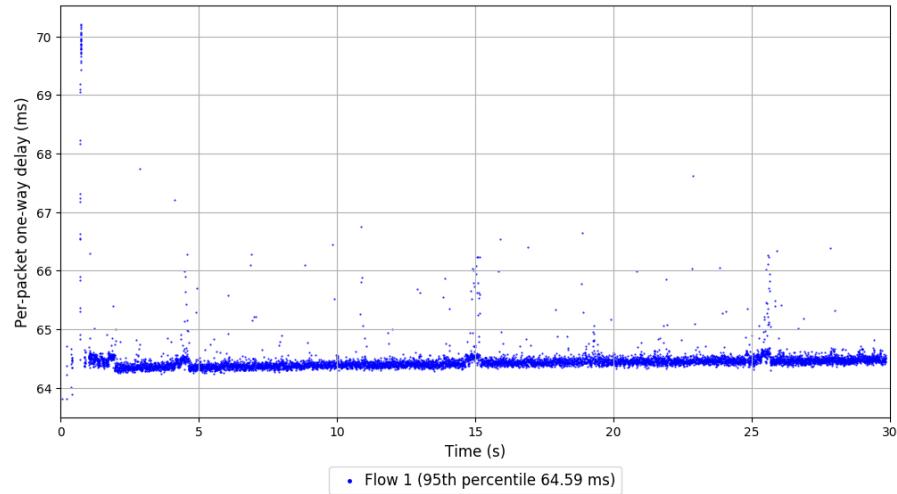
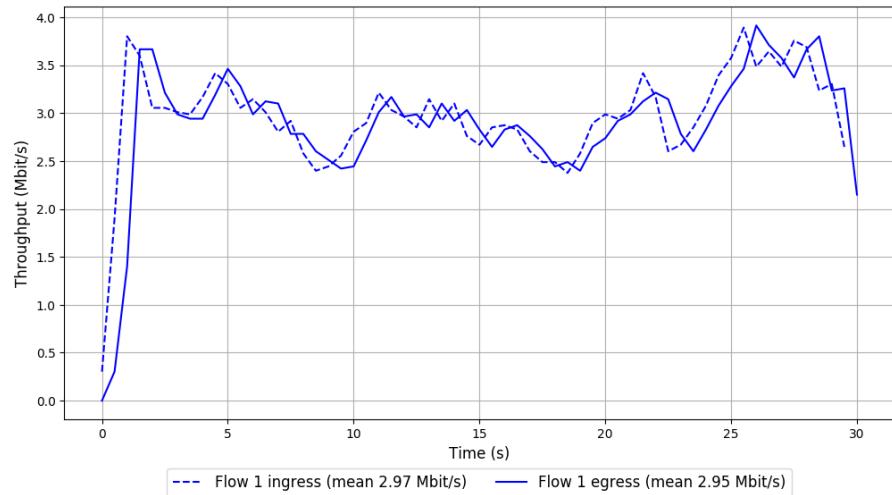


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-07-18 05:13:32
End at: 2018-07-18 05:14:02
Local clock offset: 4.705 ms
Remote clock offset: 1.62 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.95 Mbit/s
95th percentile per-packet one-way delay: 64.591 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 2.95 Mbit/s
95th percentile per-packet one-way delay: 64.591 ms
Loss rate: 0.99%
```

Run 9: Report of QUIC Cubic — Data Link

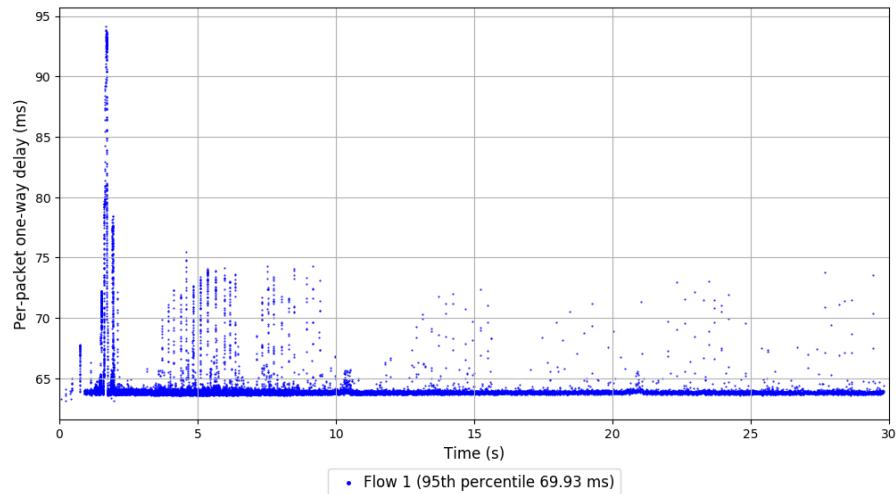
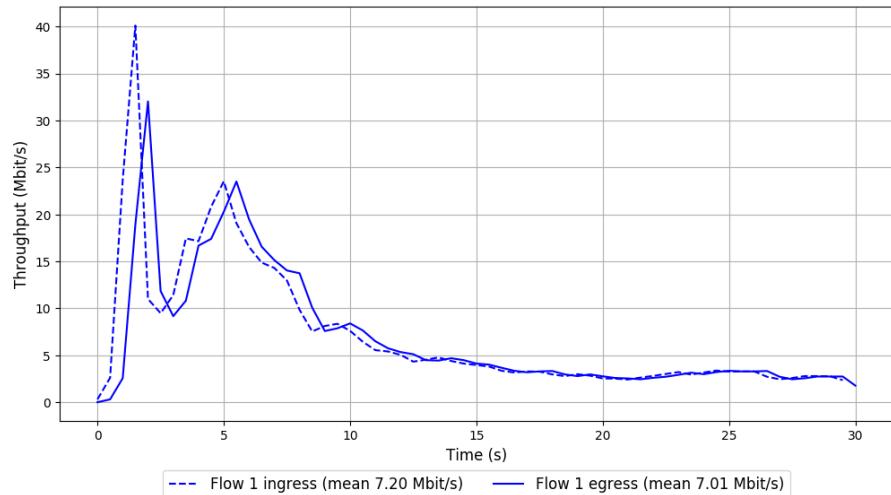


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-07-18 05:40:40
End at: 2018-07-18 05:41:10
Local clock offset: 0.324 ms
Remote clock offset: 1.274 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 69.927 ms
Loss rate: 3.09%
-- Flow 1:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 69.927 ms
Loss rate: 3.09%
```

Run 10: Report of QUIC Cubic — Data Link

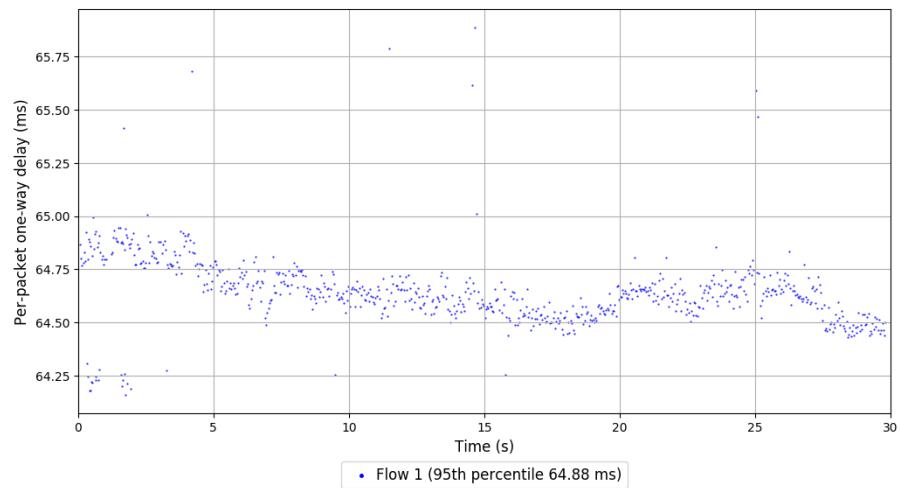
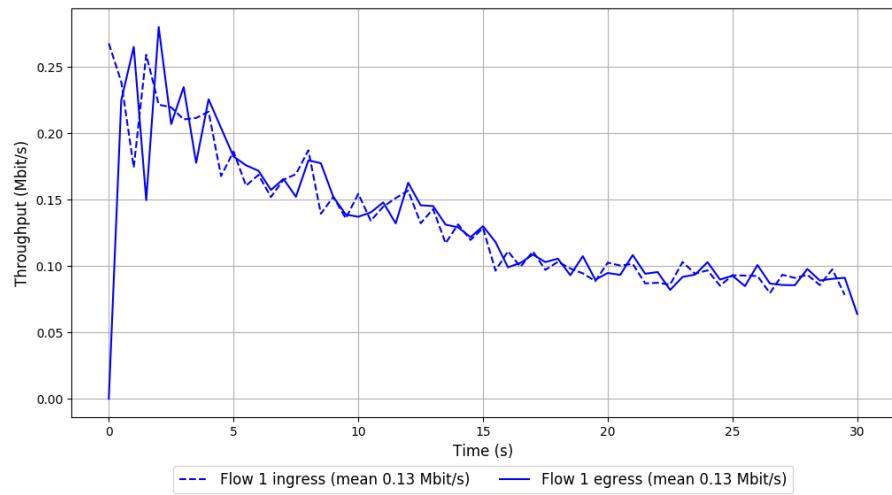


Run 1: Statistics of SCReAM

```
Start at: 2018-07-18 01:24:12
End at: 2018-07-18 01:24:42
Local clock offset: 3.471 ms
Remote clock offset: 0.817 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 64.879 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 64.879 ms
Loss rate: 0.87%
```

Run 1: Report of SCReAM — Data Link

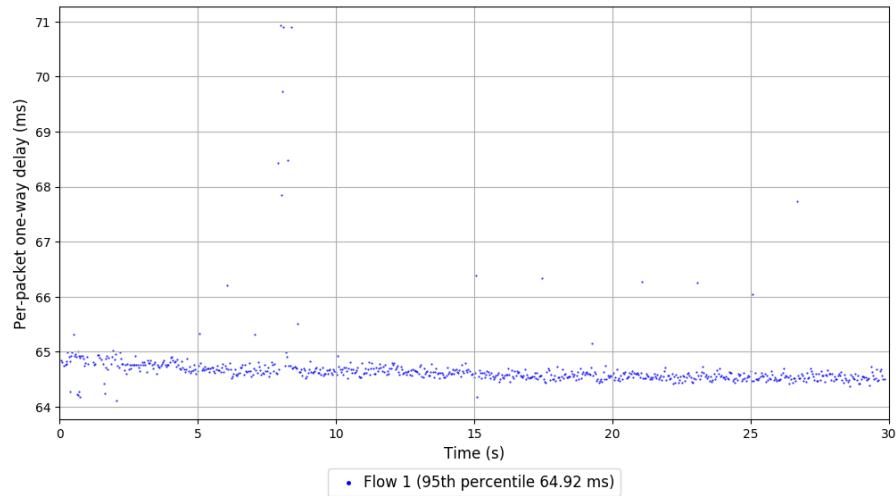
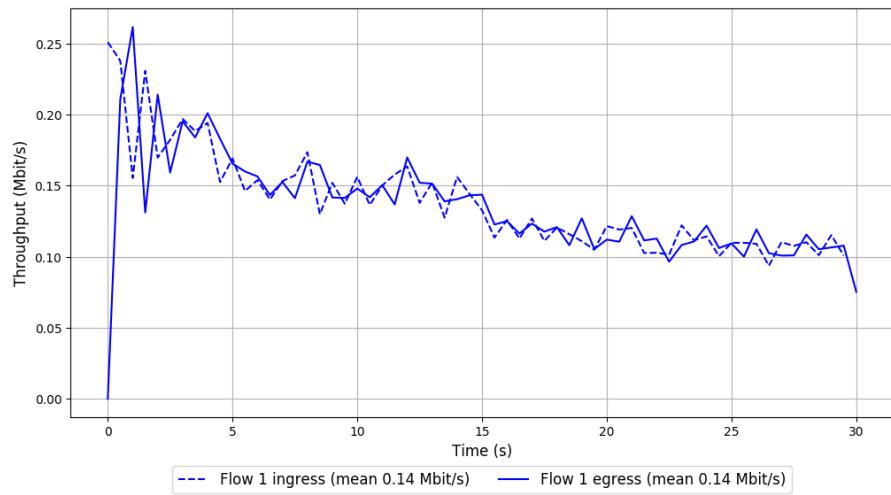


Run 2: Statistics of SCReAM

```
Start at: 2018-07-18 01:52:57
End at: 2018-07-18 01:53:27
Local clock offset: 6.152 ms
Remote clock offset: 1.57 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 64.917 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 64.917 ms
Loss rate: 1.13%
```

Run 2: Report of SCReAM — Data Link

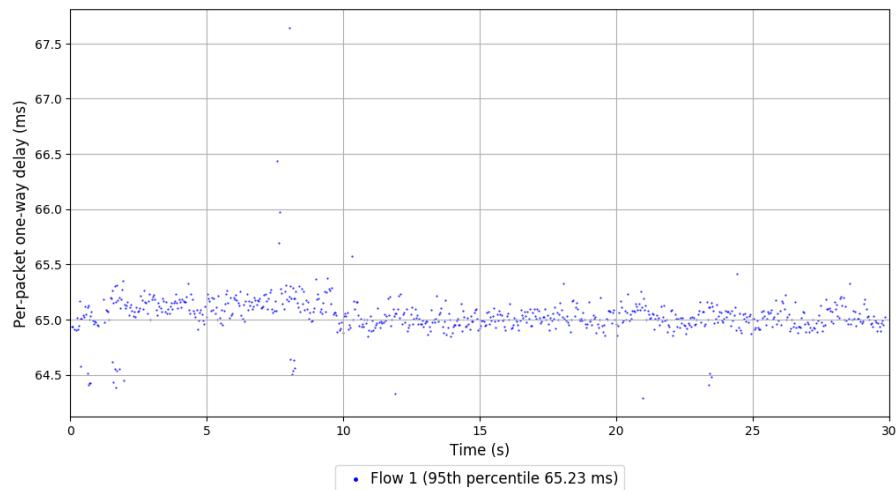
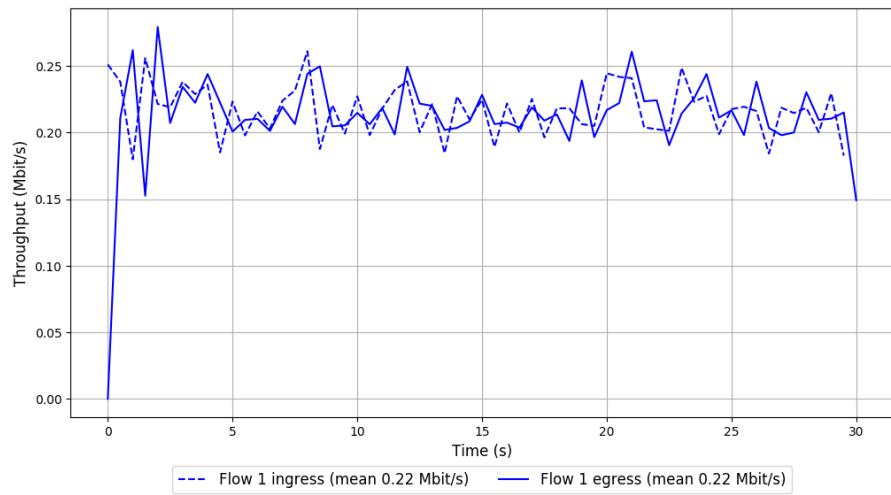


Run 3: Statistics of SCReAM

```
Start at: 2018-07-18 02:21:31
End at: 2018-07-18 02:22:01
Local clock offset: 5.765 ms
Remote clock offset: 2.053 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.234 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.234 ms
Loss rate: 0.51%
```

Run 3: Report of SCReAM — Data Link

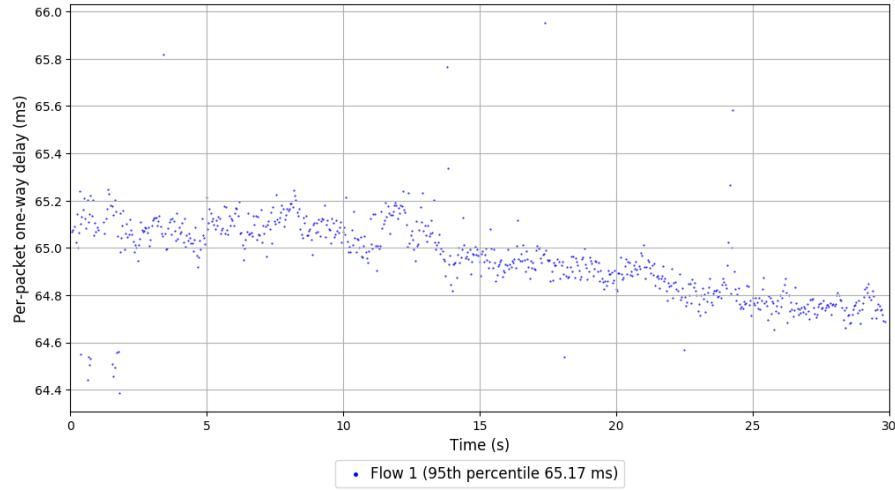
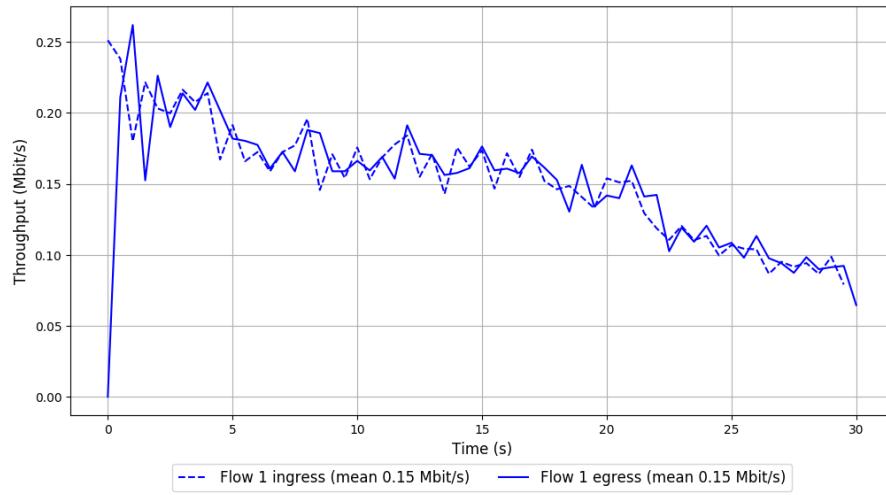


Run 4: Statistics of SCReAM

```
Start at: 2018-07-18 02:49:28
End at: 2018-07-18 02:49:58
Local clock offset: 6.161 ms
Remote clock offset: 2.514 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 65.175 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 65.175 ms
Loss rate: 0.78%
```

Run 4: Report of SCReAM — Data Link

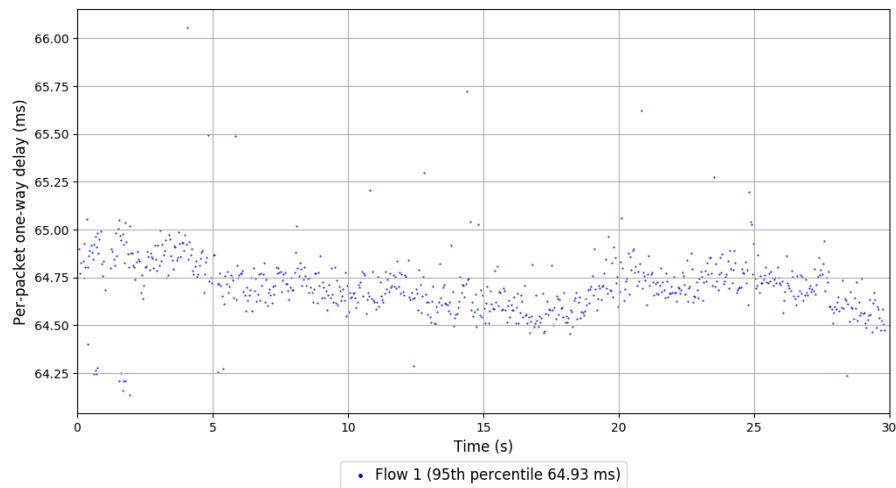
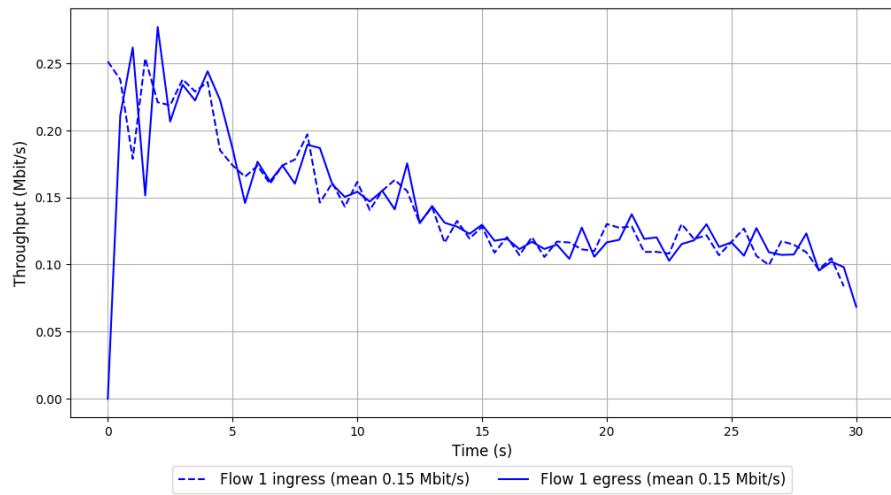


Run 5: Statistics of SCReAM

```
Start at: 2018-07-18 03:19:16
End at: 2018-07-18 03:19:46
Local clock offset: 6.692 ms
Remote clock offset: 2.602 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 64.934 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 64.934 ms
Loss rate: 1.01%
```

Run 5: Report of SCReAM — Data Link

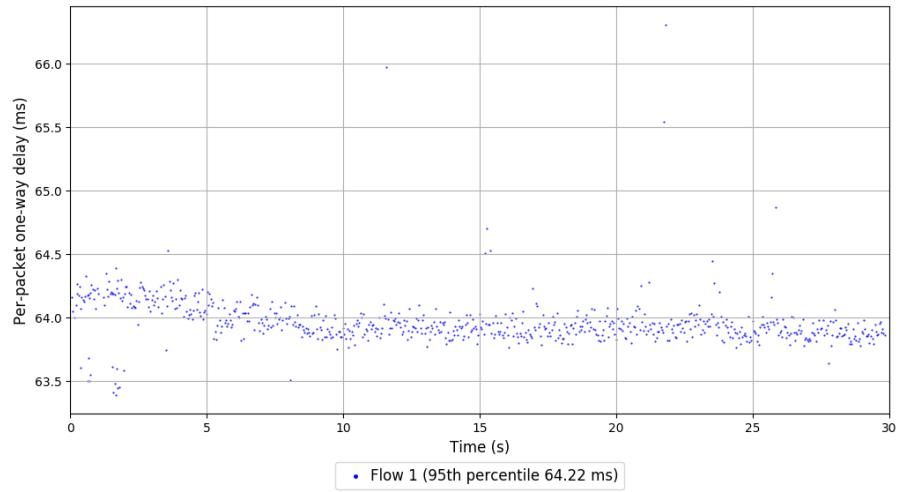
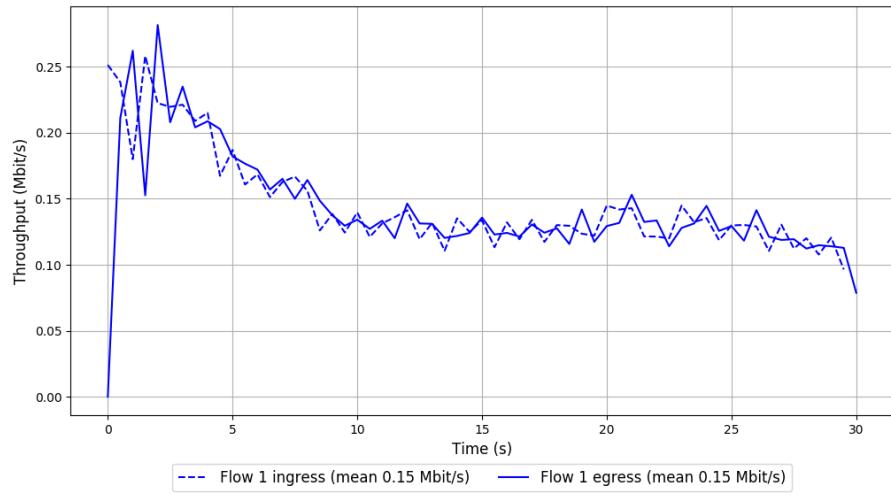


Run 6: Statistics of SCReAM

```
Start at: 2018-07-18 03:48:03
End at: 2018-07-18 03:48:33
Local clock offset: 6.524 ms
Remote clock offset: 2.492 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 64.222 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 64.222 ms
Loss rate: 0.87%
```

Run 6: Report of SCReAM — Data Link

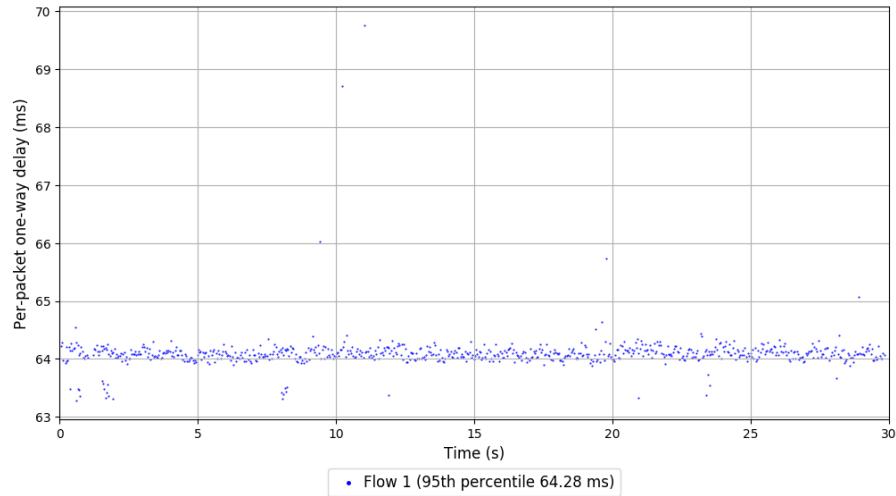
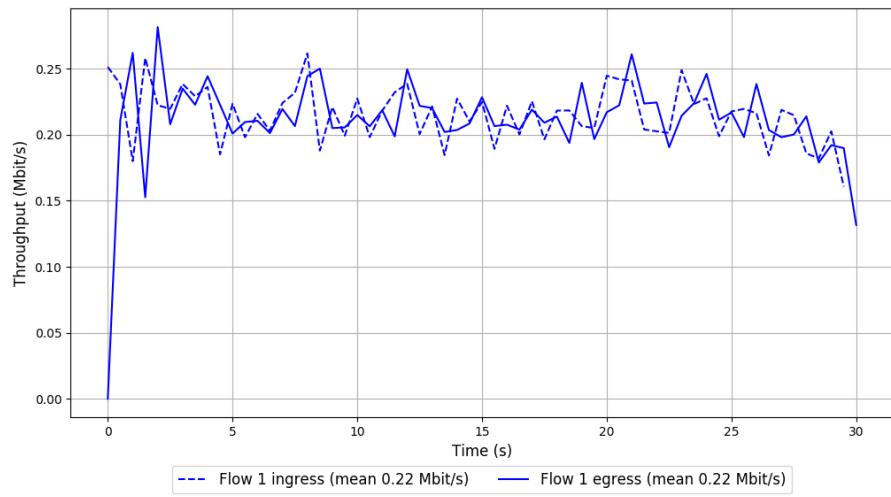


Run 7: Statistics of SCReAM

```
Start at: 2018-07-18 04:14:32
End at: 2018-07-18 04:15:02
Local clock offset: 5.827 ms
Remote clock offset: 2.277 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.276 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.276 ms
Loss rate: 0.57%
```

Run 7: Report of SCReAM — Data Link

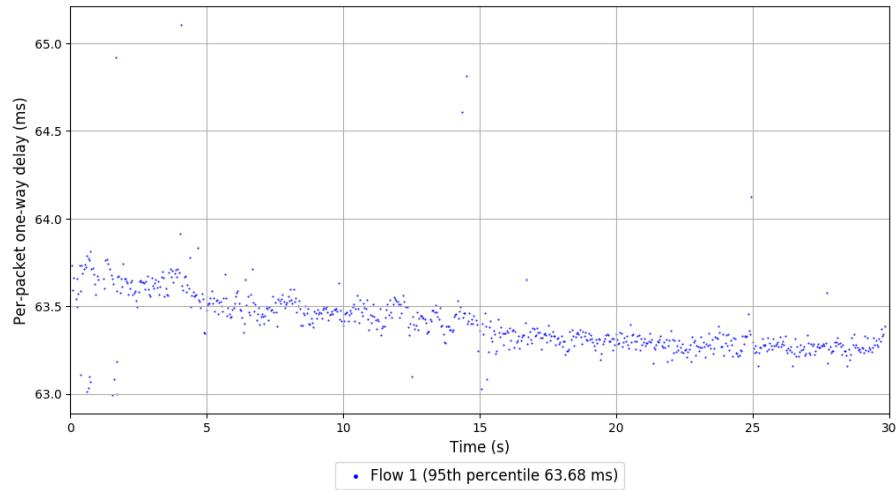
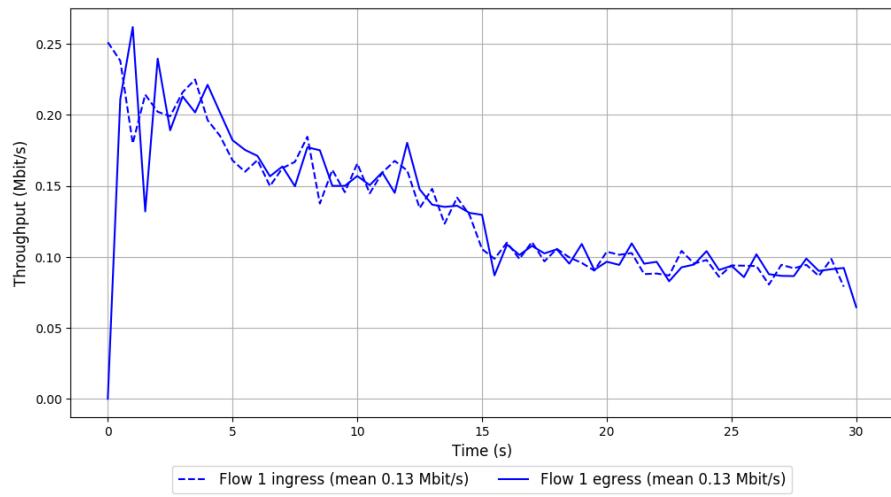


Run 8: Statistics of SCReAM

```
Start at: 2018-07-18 04:42:40
End at: 2018-07-18 04:43:10
Local clock offset: 4.398 ms
Remote clock offset: 1.896 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 63.677 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 63.677 ms
Loss rate: 1.05%
```

Run 8: Report of SCReAM — Data Link

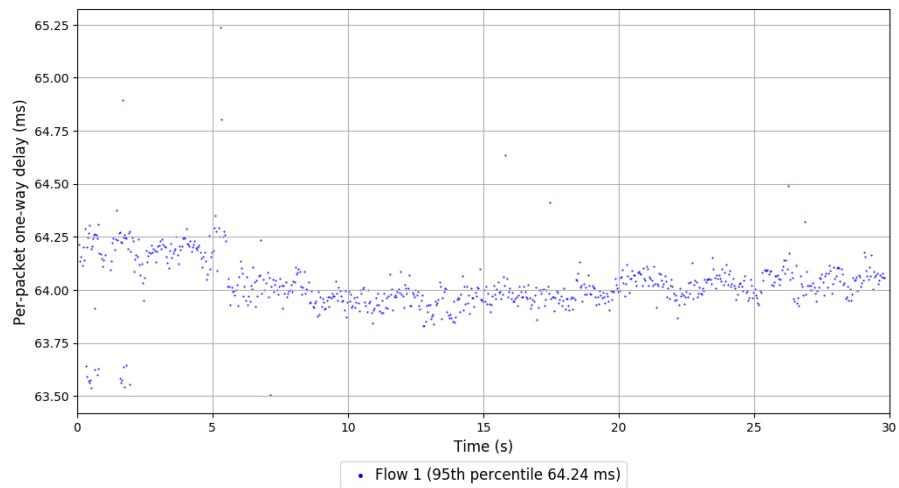
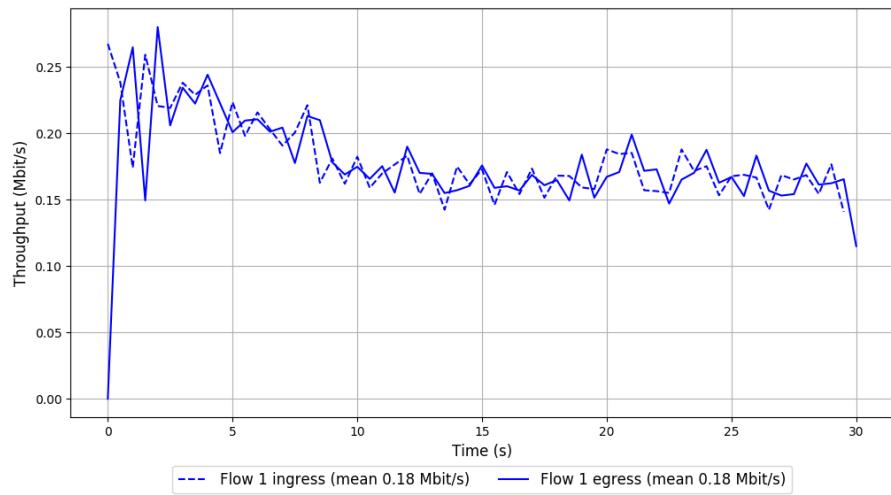


Run 9: Statistics of SCReAM

```
Start at: 2018-07-18 05:10:29
End at: 2018-07-18 05:10:59
Local clock offset: 5.557 ms
Remote clock offset: 1.673 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 64.243 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 64.243 ms
Loss rate: 0.61%
```

Run 9: Report of SCReAM — Data Link

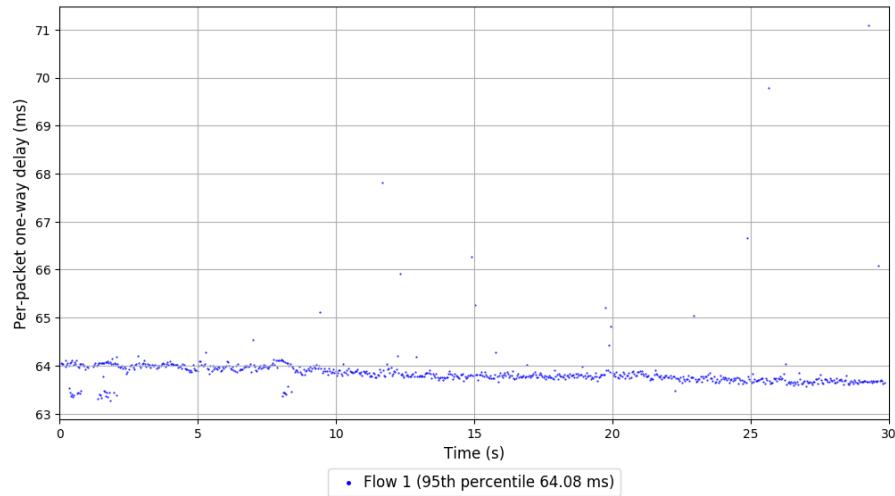
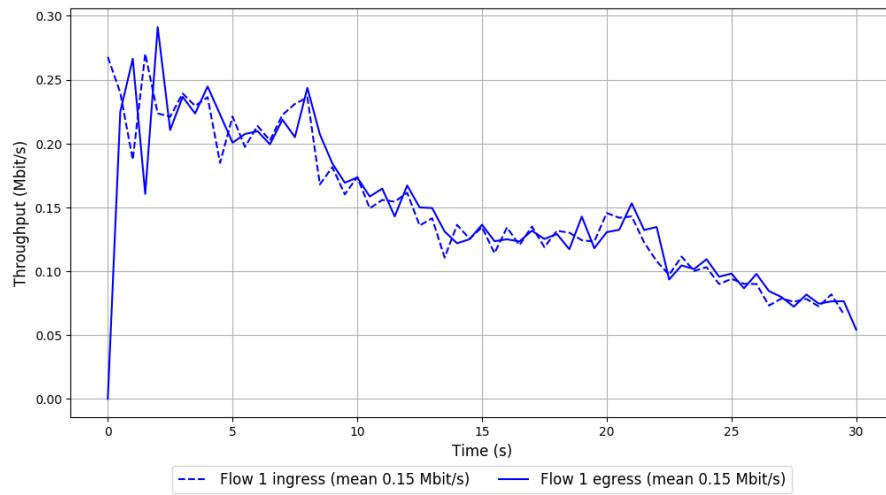


Run 10: Statistics of SCReAM

```
Start at: 2018-07-18 05:37:50
End at: 2018-07-18 05:38:20
Local clock offset: 0.534 ms
Remote clock offset: 1.271 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 64.082 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 64.082 ms
Loss rate: 0.60%
```

Run 10: Report of SCReAM — Data Link

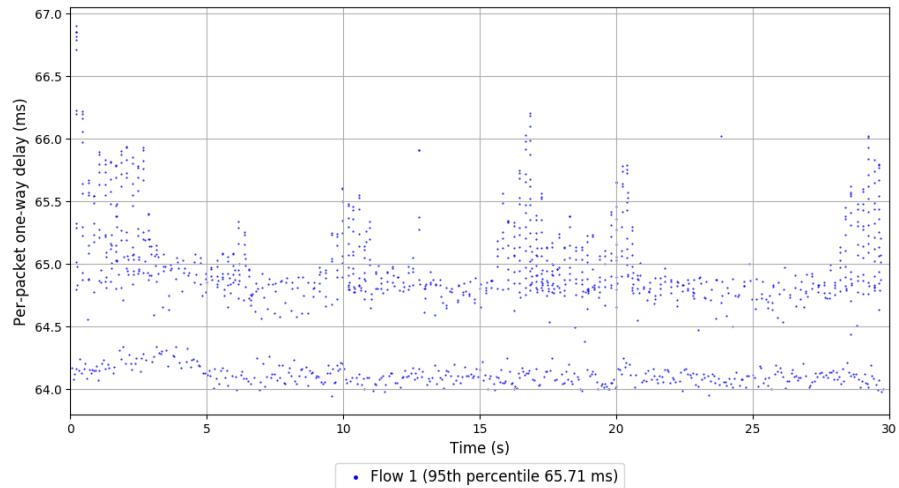
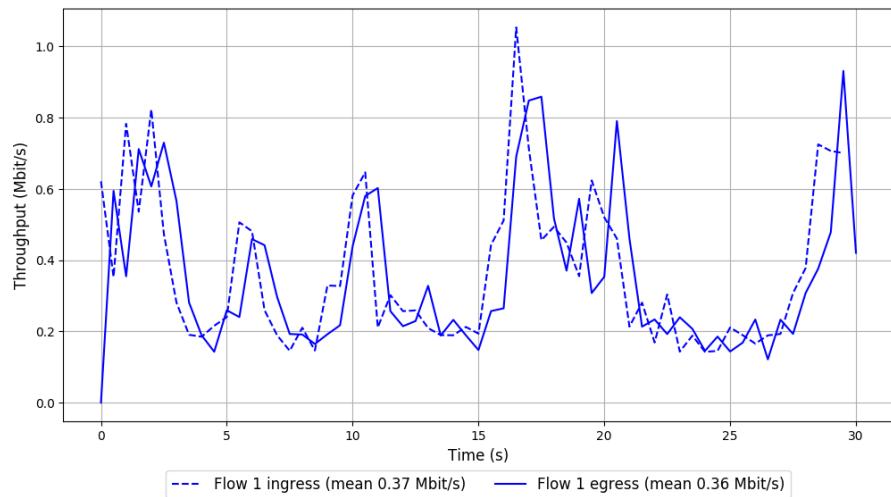


Run 1: Statistics of Sprout

```
Start at: 2018-07-18 01:28:36
End at: 2018-07-18 01:29:06
Local clock offset: 3.551 ms
Remote clock offset: 0.916 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 65.713 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 65.713 ms
Loss rate: 1.93%
```

Run 1: Report of Sprout — Data Link

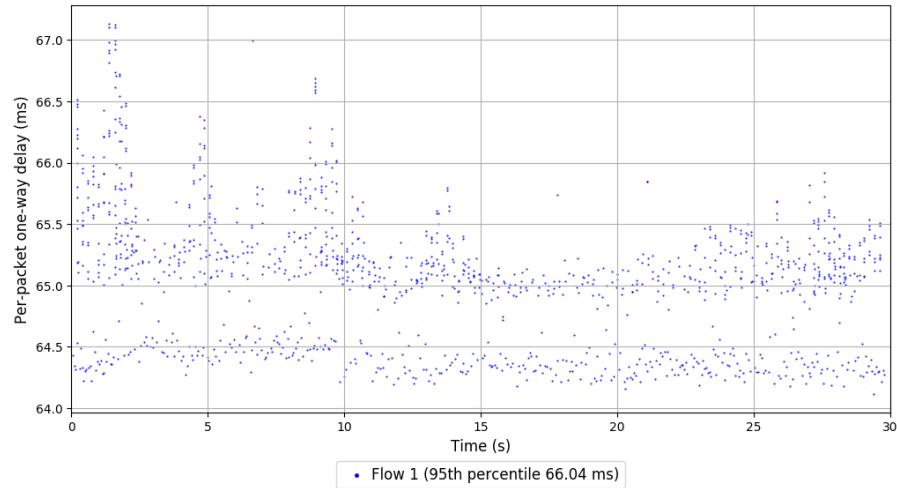
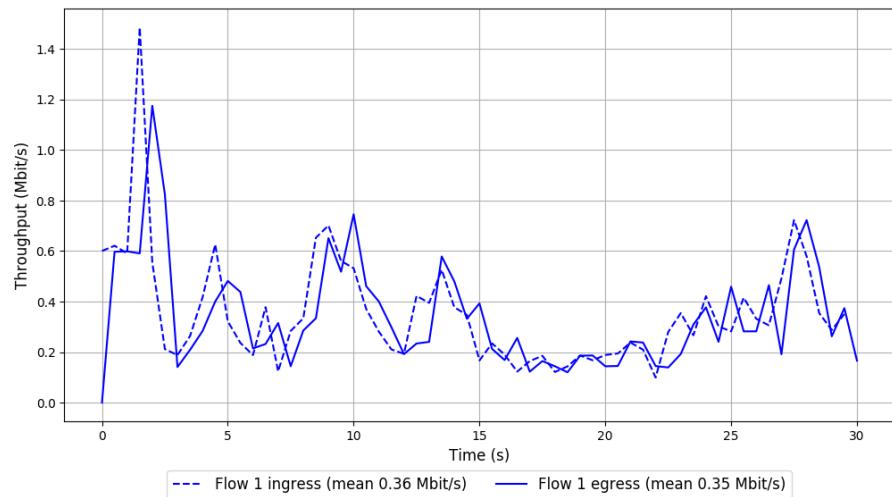


Run 2: Statistics of Sprout

```
Start at: 2018-07-18 01:57:31
End at: 2018-07-18 01:58:01
Local clock offset: 6.603 ms
Remote clock offset: 1.655 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 66.038 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 66.038 ms
Loss rate: 2.27%
```

Run 2: Report of Sprout — Data Link

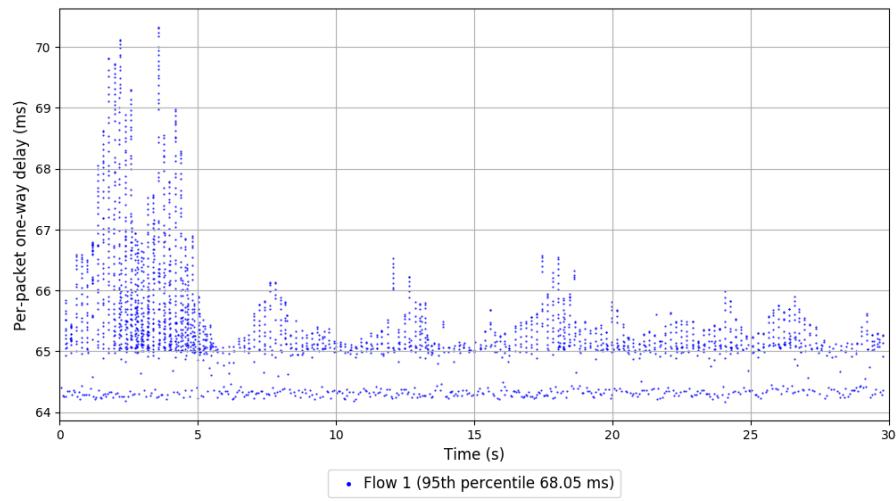
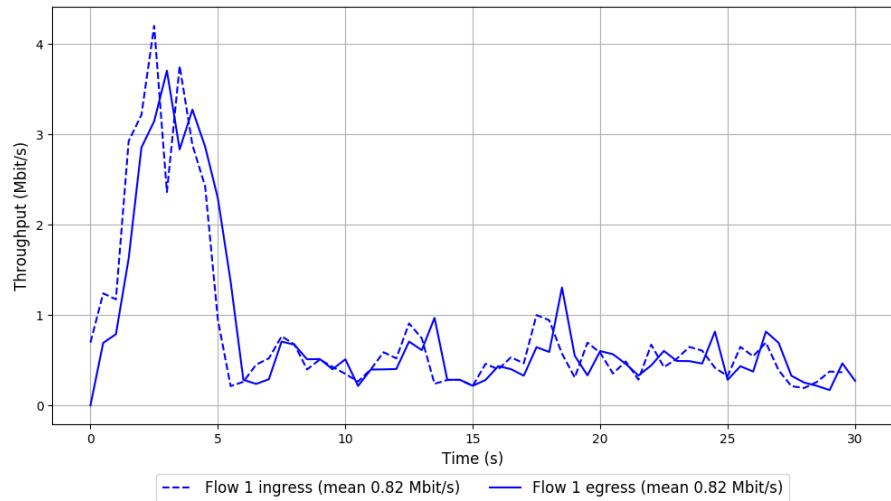


Run 3: Statistics of Sprout

```
Start at: 2018-07-18 02:25:53
End at: 2018-07-18 02:26:23
Local clock offset: 5.396 ms
Remote clock offset: 2.113 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 68.054 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 68.054 ms
Loss rate: 1.45%
```

Run 3: Report of Sprout — Data Link

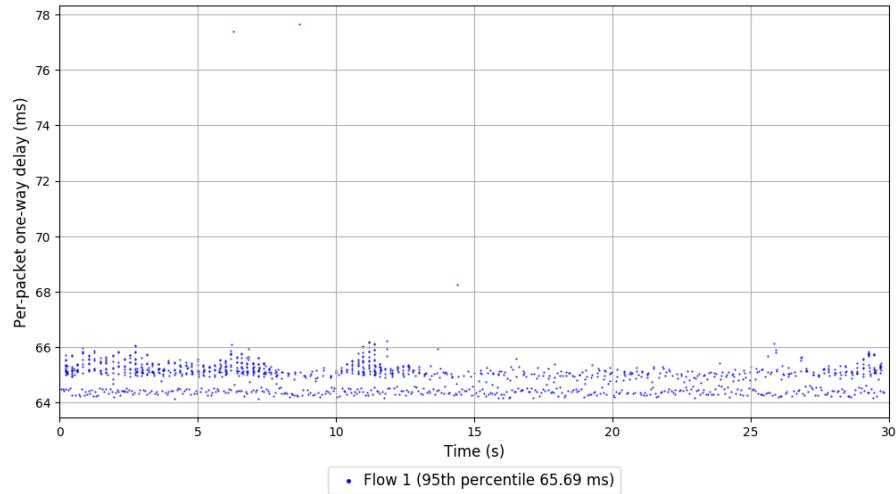
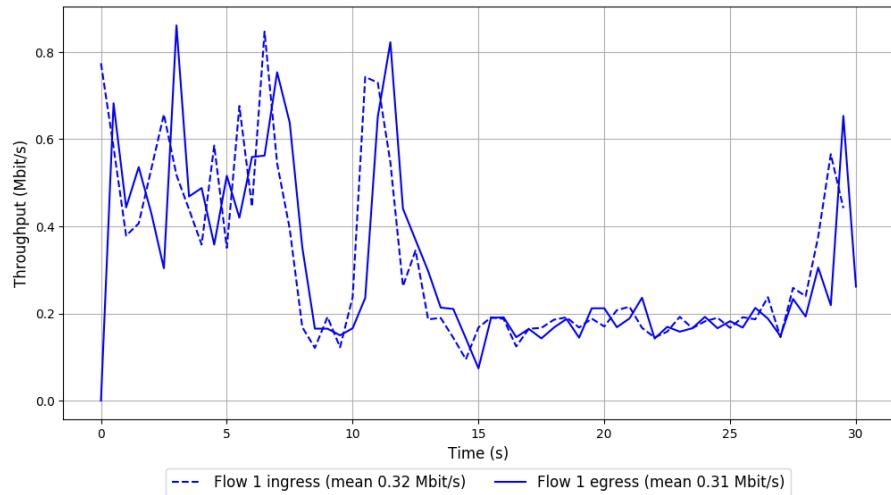


Run 4: Statistics of Sprout

```
Start at: 2018-07-18 02:53:45
End at: 2018-07-18 02:54:15
Local clock offset: 6.401 ms
Remote clock offset: 2.552 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 65.692 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 65.692 ms
Loss rate: 1.71%
```

Run 4: Report of Sprout — Data Link

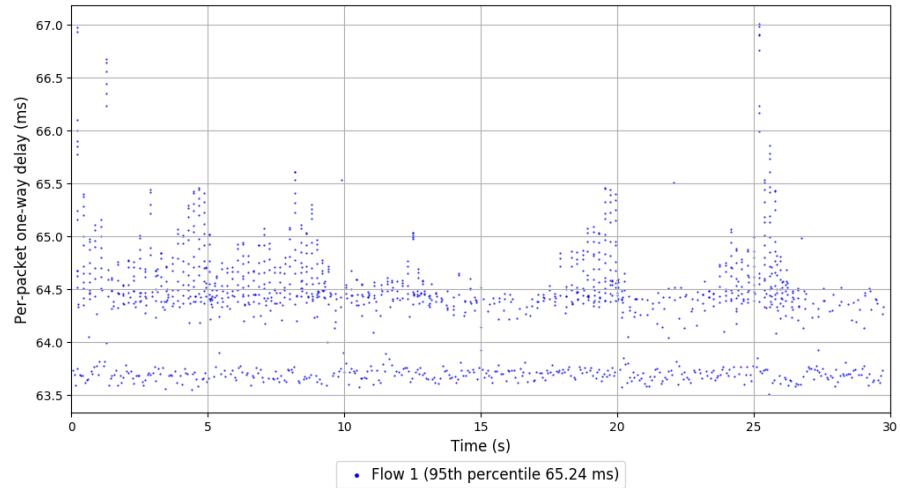
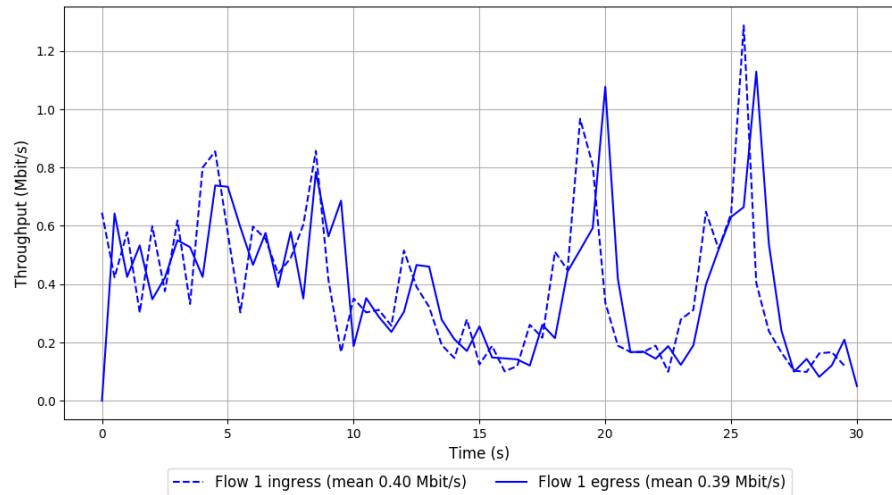


Run 5: Statistics of Sprout

```
Start at: 2018-07-18 03:23:58
End at: 2018-07-18 03:24:28
Local clock offset: 6.475 ms
Remote clock offset: 2.622 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 65.240 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 65.240 ms
Loss rate: 0.87%
```

Run 5: Report of Sprout — Data Link

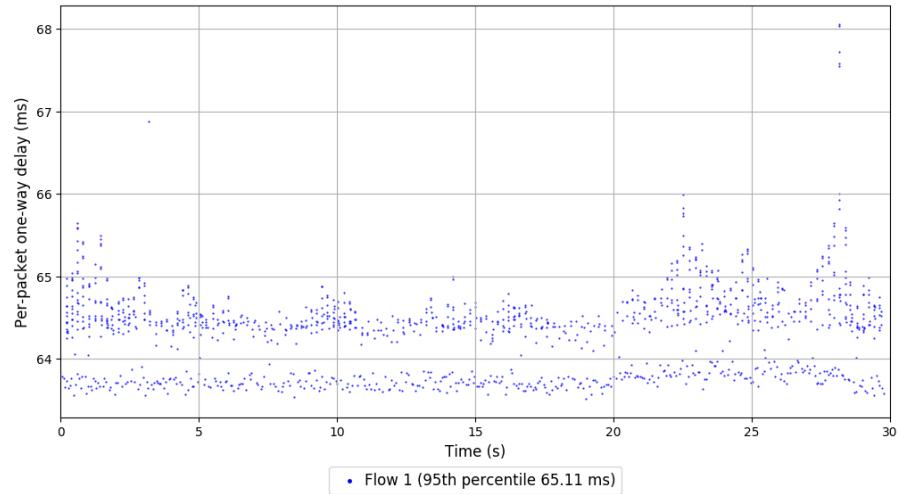
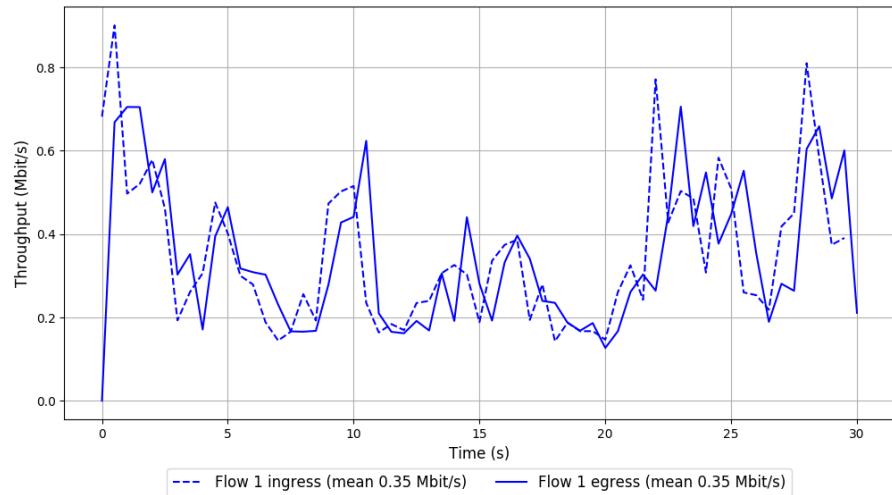


Run 6: Statistics of Sprout

```
Start at: 2018-07-18 03:52:28
End at: 2018-07-18 03:52:58
Local clock offset: 6.663 ms
Remote clock offset: 2.462 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 65.109 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 65.109 ms
Loss rate: 1.26%
```

Run 6: Report of Sprout — Data Link

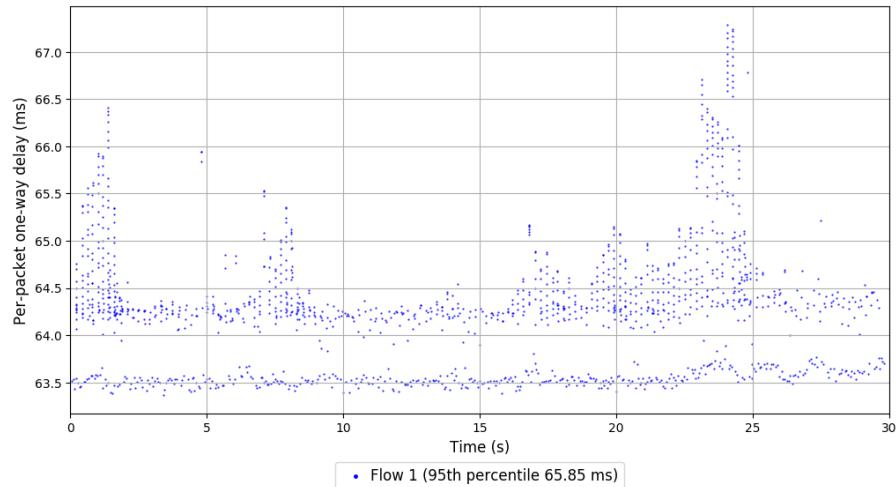
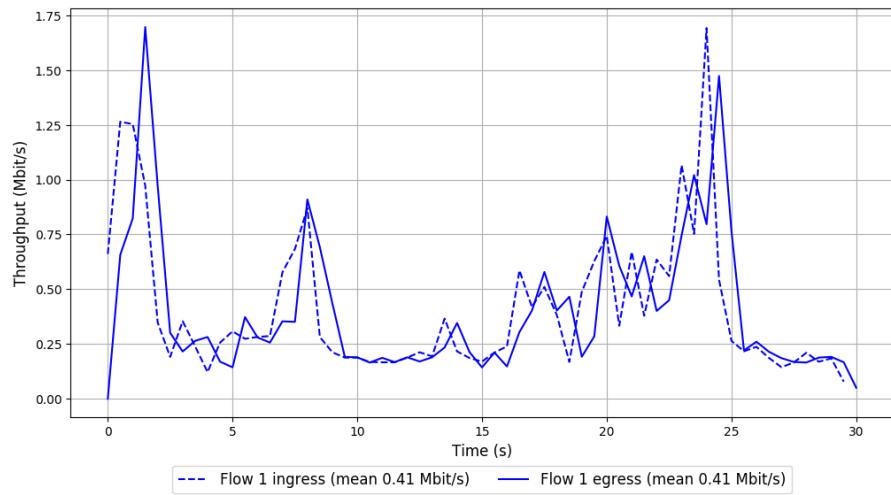


Run 7: Statistics of Sprout

```
Start at: 2018-07-18 04:18:46
End at: 2018-07-18 04:19:16
Local clock offset: 5.692 ms
Remote clock offset: 2.243 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 65.848 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 65.848 ms
Loss rate: 0.58%
```

Run 7: Report of Sprout — Data Link

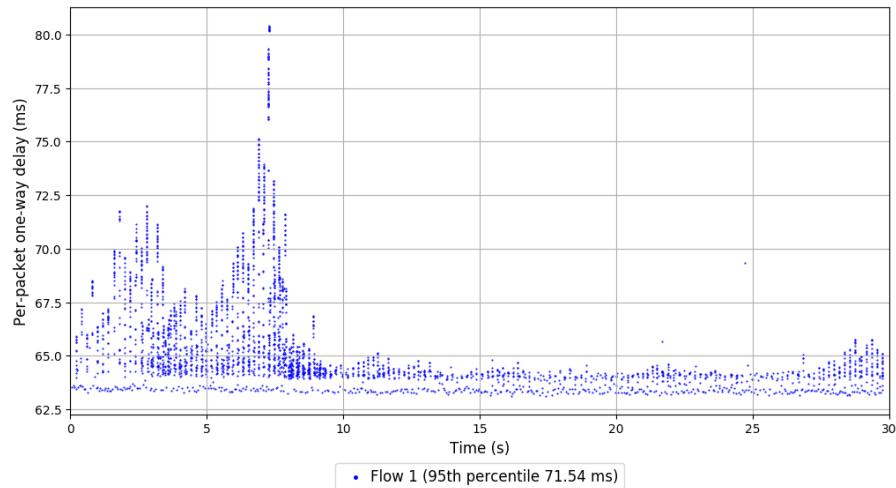
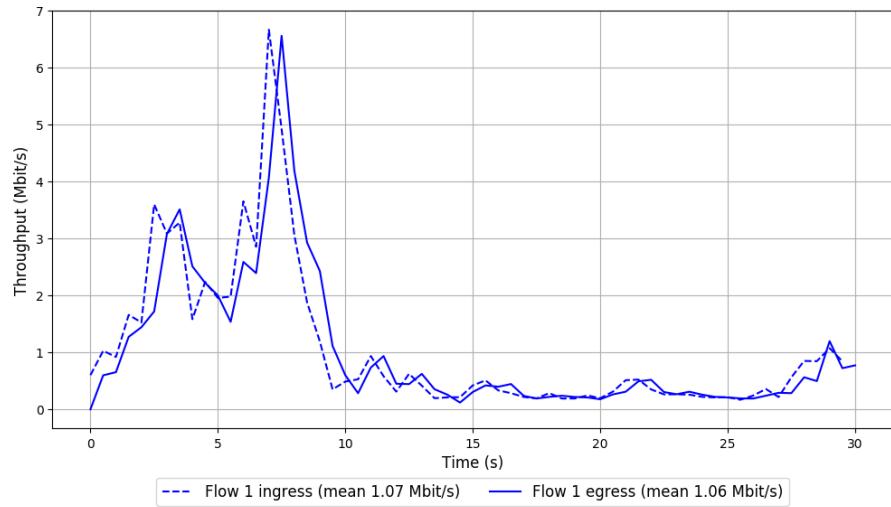


Run 8: Statistics of Sprout

```
Start at: 2018-07-18 04:47:11
End at: 2018-07-18 04:47:41
Local clock offset: 5.177 ms
Remote clock offset: 1.883 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 71.538 ms
Loss rate: 1.75%
-- Flow 1:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 71.538 ms
Loss rate: 1.75%
```

Run 8: Report of Sprout — Data Link

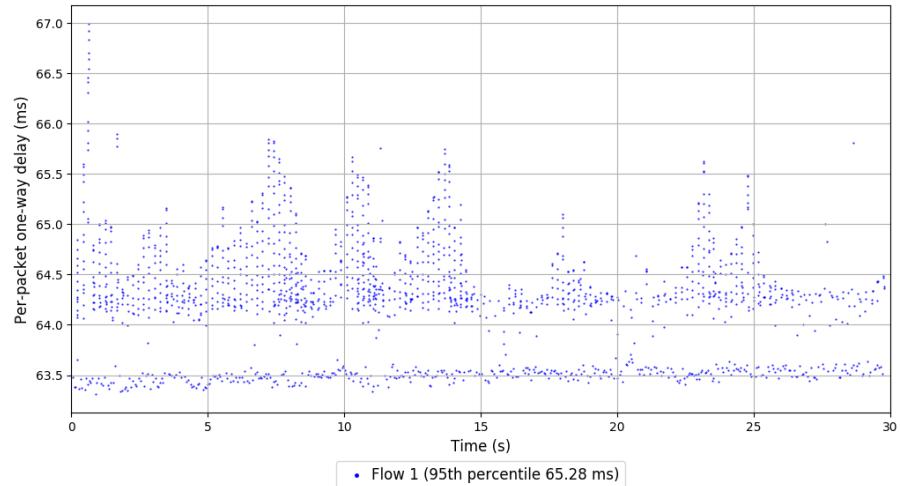
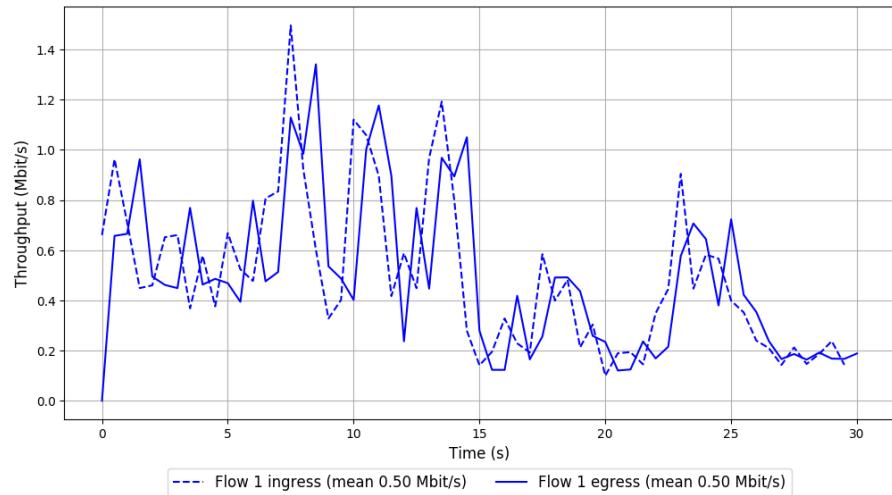


Run 9: Statistics of Sprout

```
Start at: 2018-07-18 05:14:51
End at: 2018-07-18 05:15:21
Local clock offset: 3.968 ms
Remote clock offset: 1.664 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 65.284 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 65.284 ms
Loss rate: 0.56%
```

Run 9: Report of Sprout — Data Link

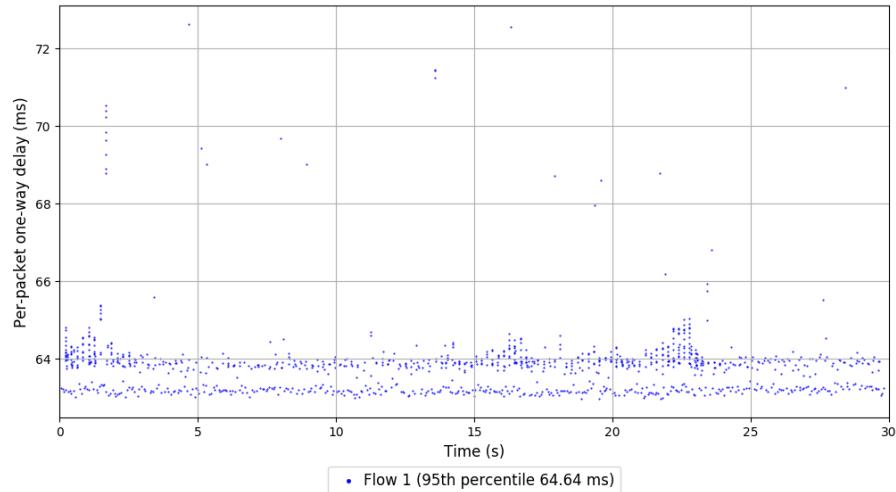
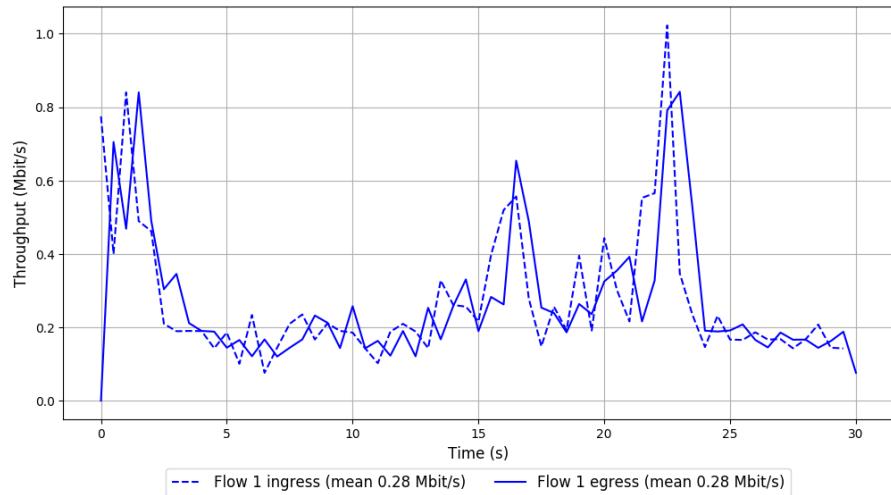


Run 10: Statistics of Sprout

```
Start at: 2018-07-18 05:42:02
End at: 2018-07-18 05:42:32
Local clock offset: 0.597 ms
Remote clock offset: 1.368 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 64.641 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 64.641 ms
Loss rate: 0.84%
```

Run 10: Report of Sprout — Data Link

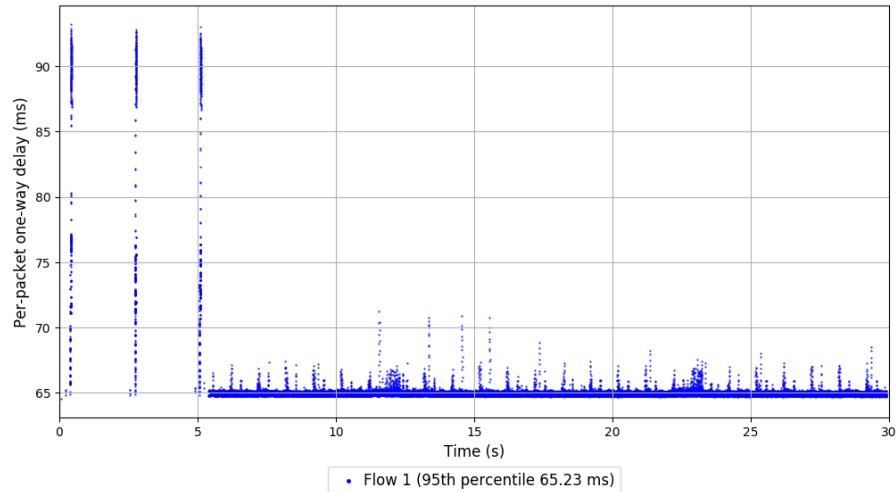
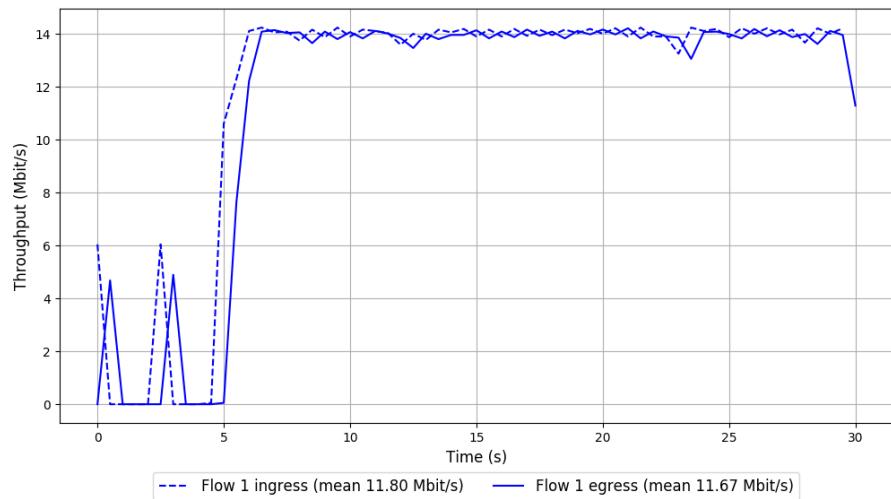


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-07-18 01:15:41
End at: 2018-07-18 01:16:11
Local clock offset: 2.494 ms
Remote clock offset: 0.62 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 65.232 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 65.232 ms
Loss rate: 1.69%
```

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

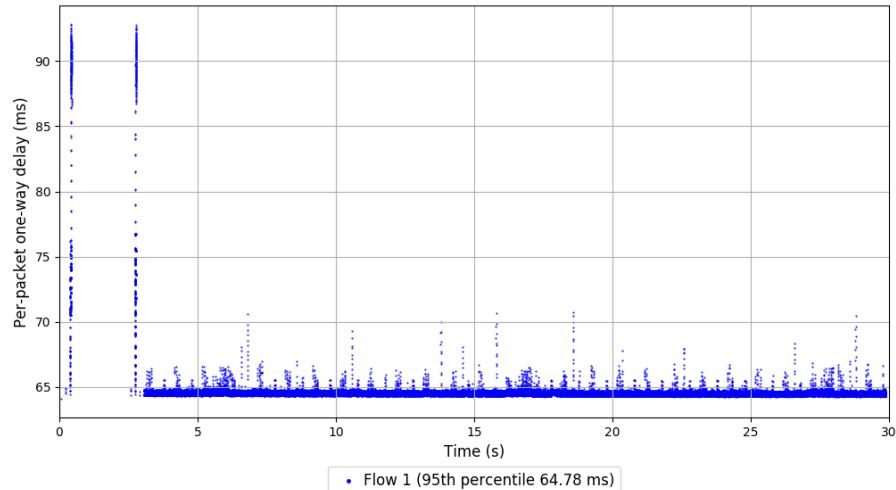
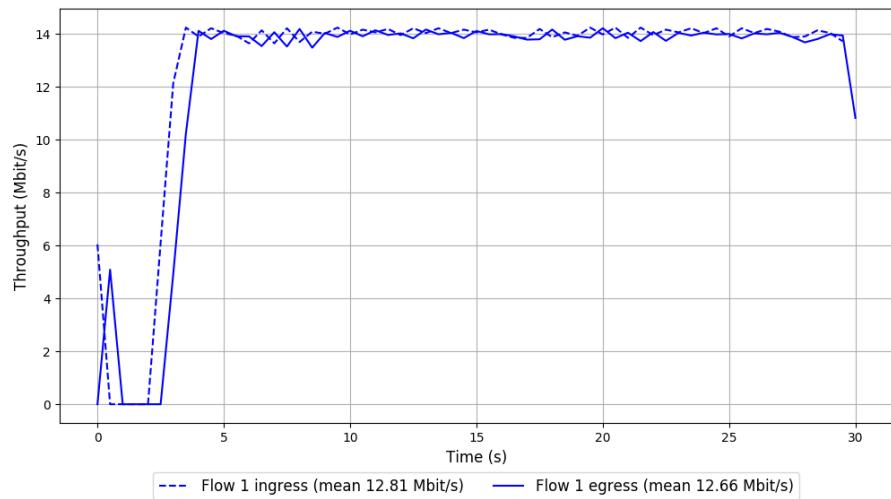


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-07-18 01:43:56
End at: 2018-07-18 01:44:26
Local clock offset: 4.775 ms
Remote clock offset: 1.417 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.66 Mbit/s
95th percentile per-packet one-way delay: 64.780 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 12.66 Mbit/s
95th percentile per-packet one-way delay: 64.780 ms
Loss rate: 1.65%
```

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

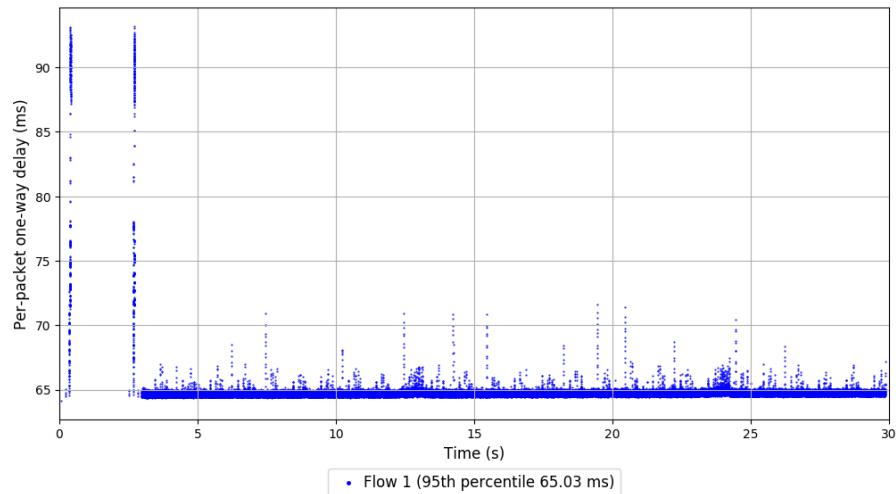
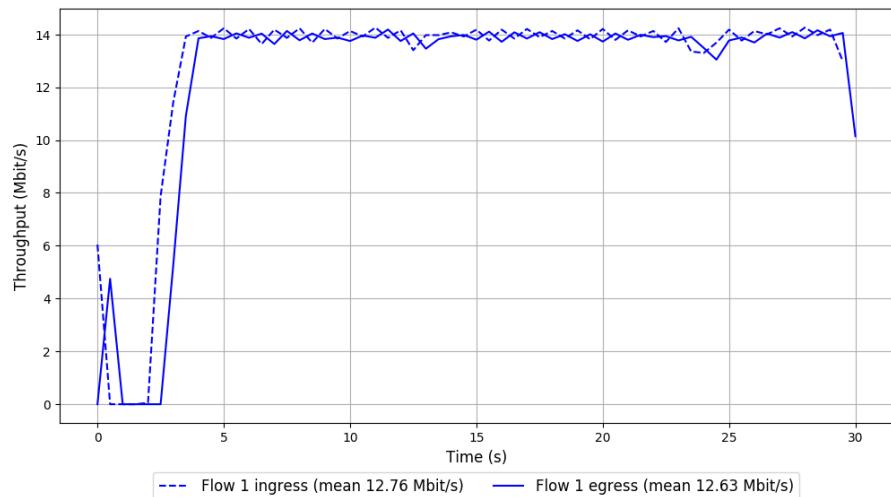


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-07-18 02:13:01
End at: 2018-07-18 02:13:31
Local clock offset: 6.848 ms
Remote clock offset: 1.982 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.63 Mbit/s
95th percentile per-packet one-way delay: 65.025 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 12.63 Mbit/s
95th percentile per-packet one-way delay: 65.025 ms
Loss rate: 1.61%
```

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

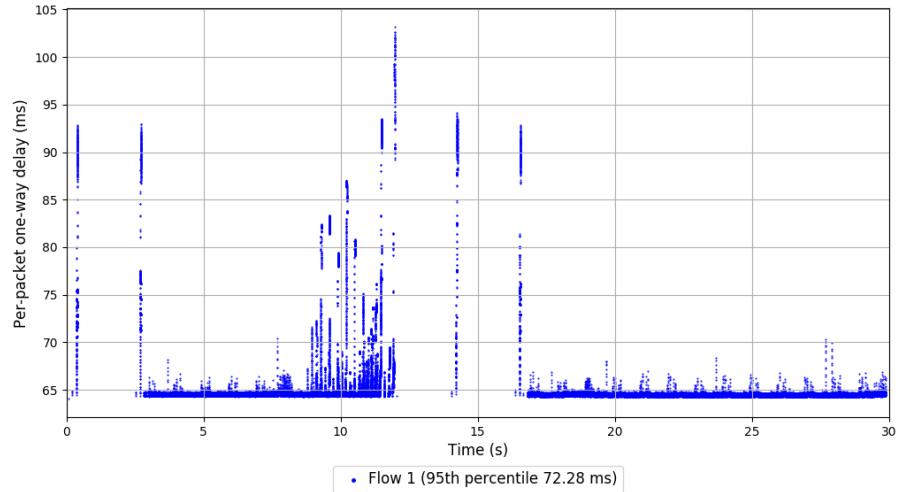
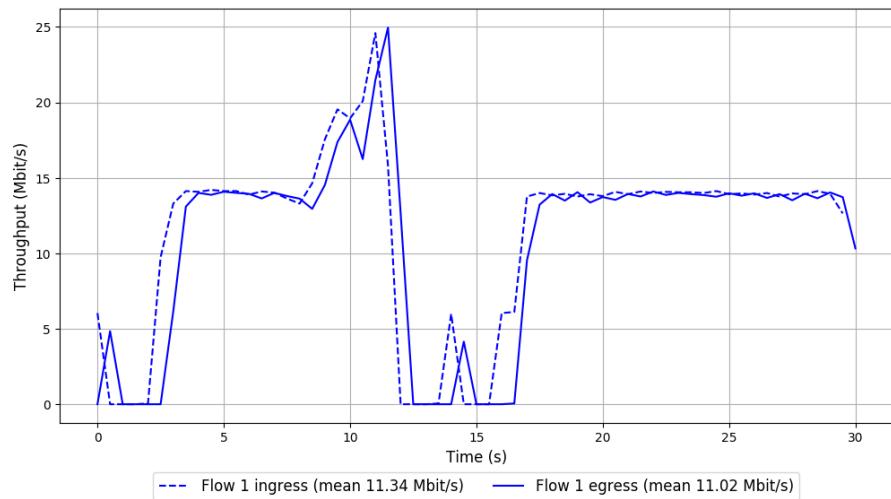


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-07-18 02:40:47
End at: 2018-07-18 02:41:17
Local clock offset: 5.29 ms
Remote clock offset: 2.494 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.02 Mbit/s
95th percentile per-packet one-way delay: 72.281 ms
Loss rate: 3.33%
-- Flow 1:
Average throughput: 11.02 Mbit/s
95th percentile per-packet one-way delay: 72.281 ms
Loss rate: 3.33%
```

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

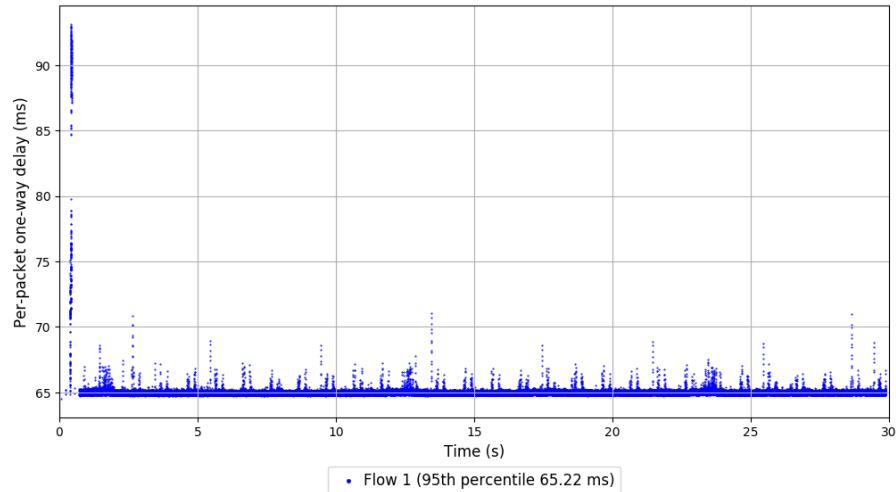
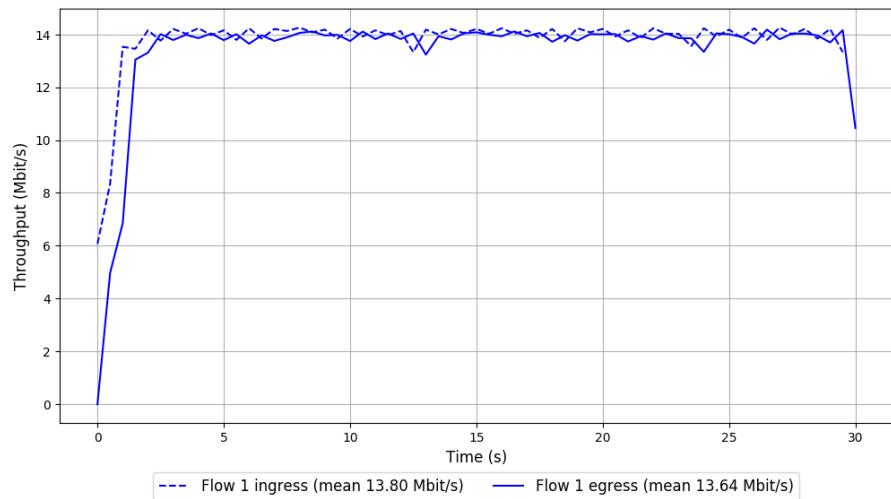


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-07-18 03:10:02
End at: 2018-07-18 03:10:32
Local clock offset: 7.116 ms
Remote clock offset: 2.545 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.64 Mbit/s
95th percentile per-packet one-way delay: 65.219 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 13.64 Mbit/s
95th percentile per-packet one-way delay: 65.219 ms
Loss rate: 1.67%
```

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

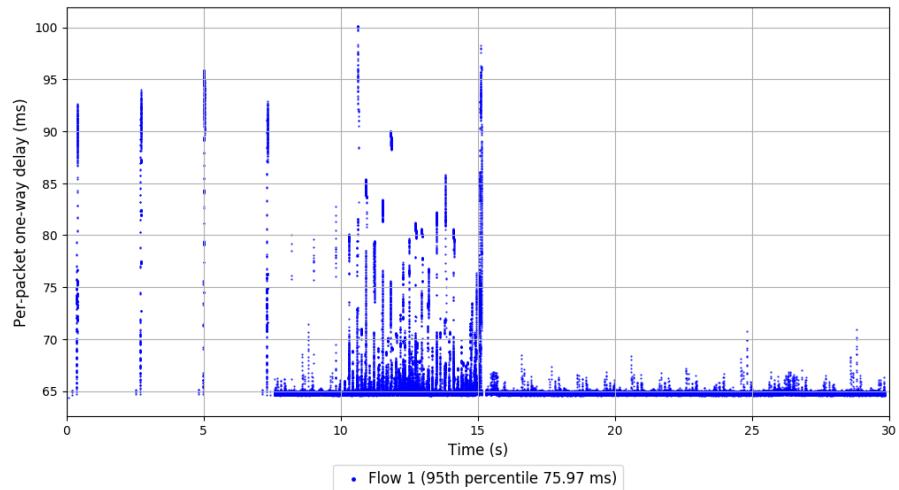
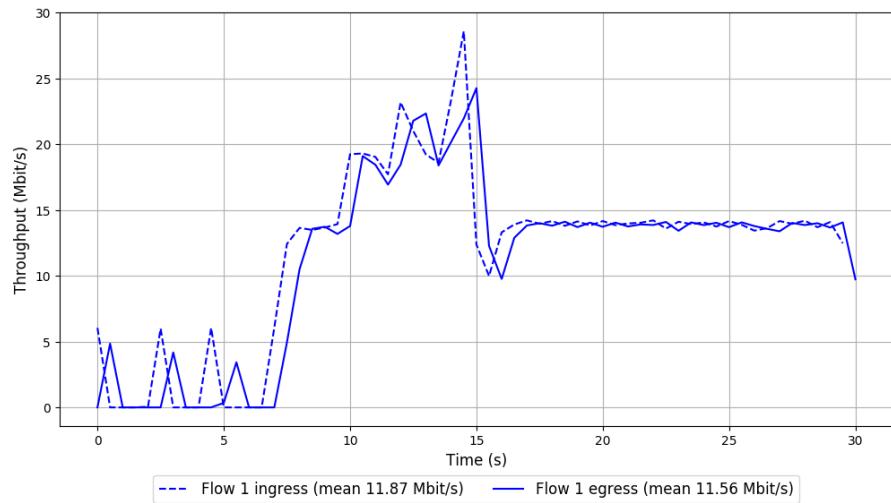


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-07-18 03:39:02
End at: 2018-07-18 03:39:32
Local clock offset: 6.836 ms
Remote clock offset: 2.578 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 75.971 ms
Loss rate: 3.13%
-- Flow 1:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 75.971 ms
Loss rate: 3.13%
```

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

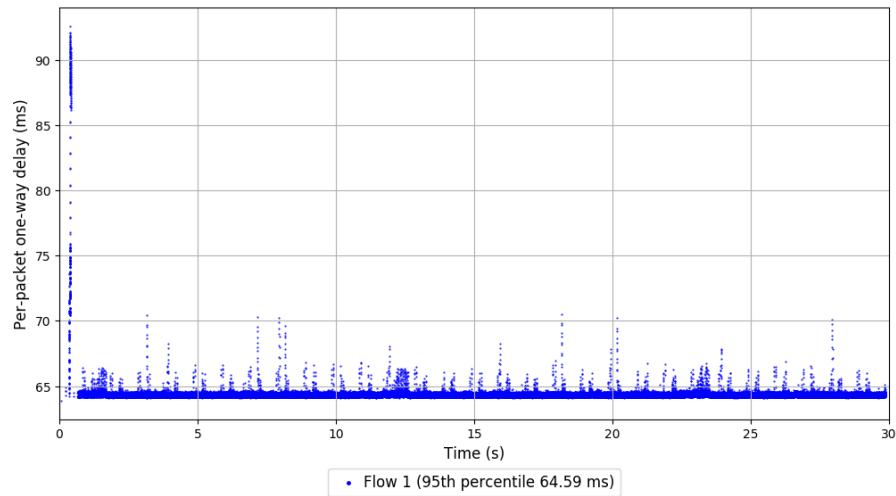
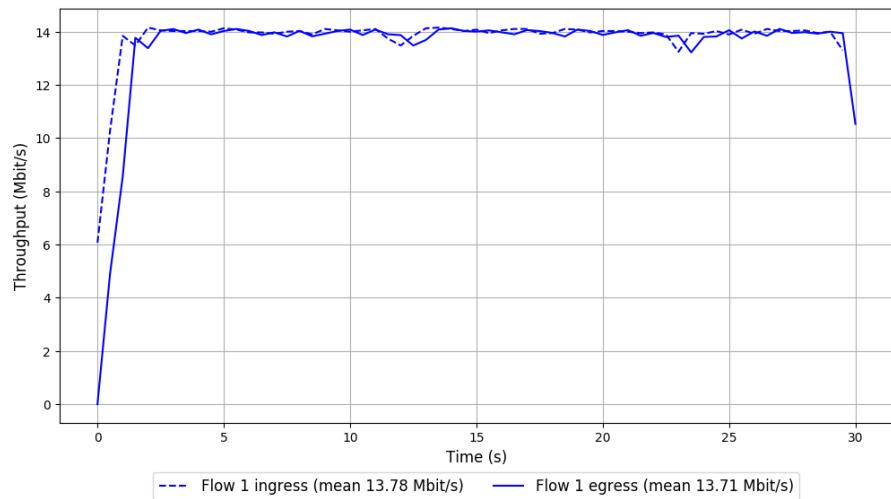


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-07-18 04:06:27
End at: 2018-07-18 04:06:57
Local clock offset: 6.813 ms
Remote clock offset: 2.409 ms

# Below is generated by plot.py at 2018-07-18 05:56:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.71 Mbit/s
95th percentile per-packet one-way delay: 64.594 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 13.71 Mbit/s
95th percentile per-packet one-way delay: 64.594 ms
Loss rate: 1.04%
```

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

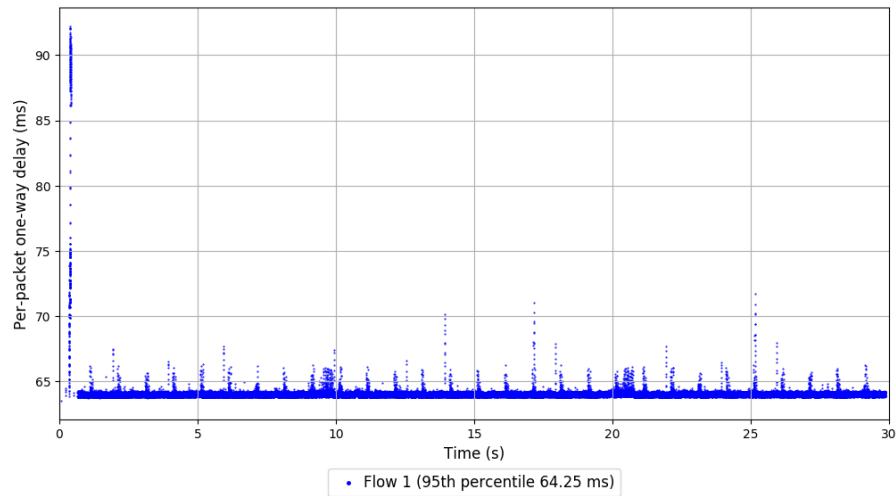
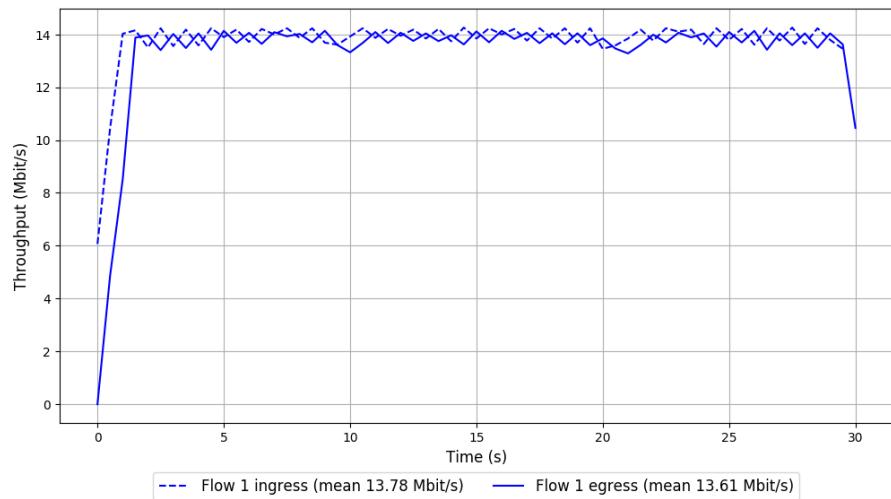


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-07-18 04:33:21
End at: 2018-07-18 04:33:51
Local clock offset: 4.364 ms
Remote clock offset: 2.225 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 64.255 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 64.255 ms
Loss rate: 1.83%
```

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

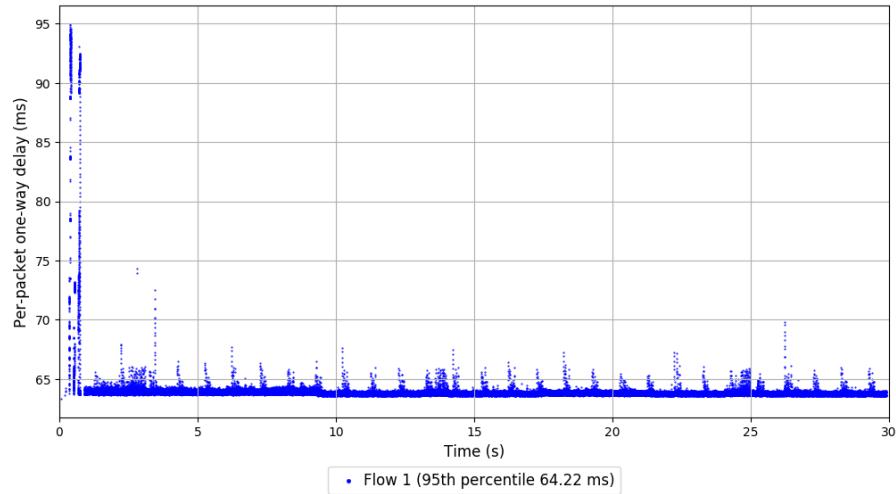
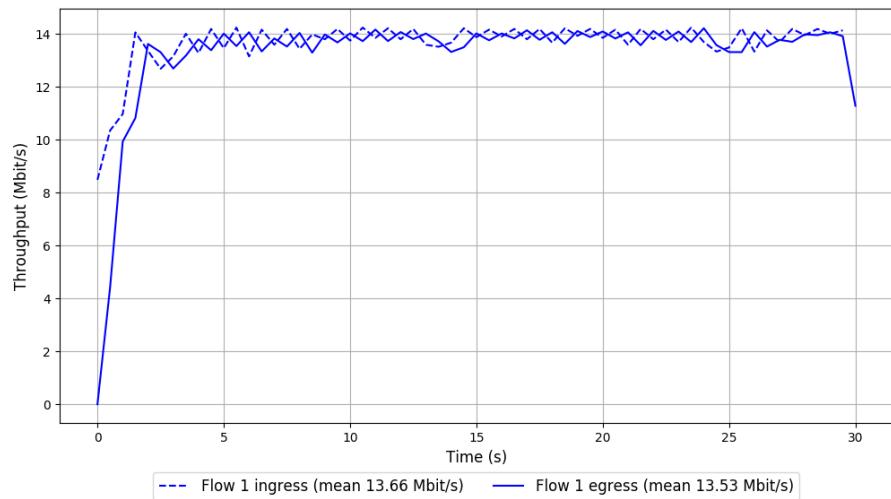


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-07-18 05:02:09
End at: 2018-07-18 05:02:39
Local clock offset: 5.629 ms
Remote clock offset: 1.761 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.53 Mbit/s
95th percentile per-packet one-way delay: 64.217 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 13.53 Mbit/s
95th percentile per-packet one-way delay: 64.217 ms
Loss rate: 1.50%
```

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

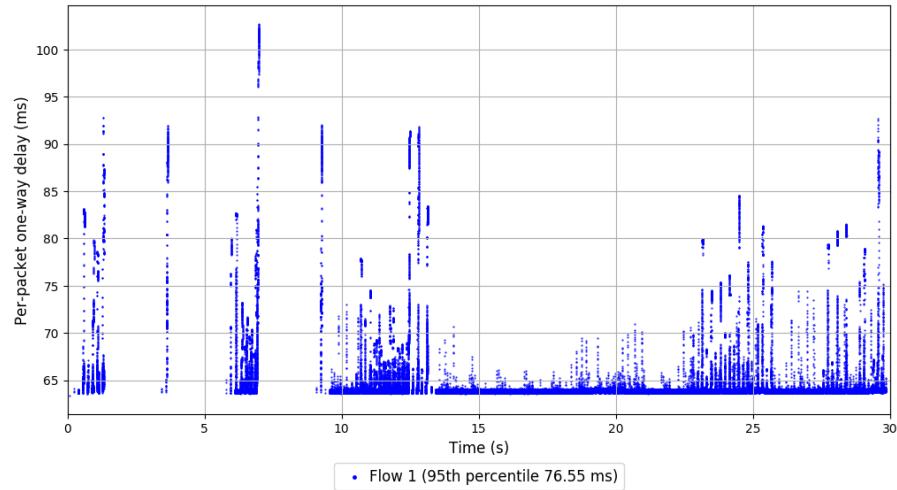
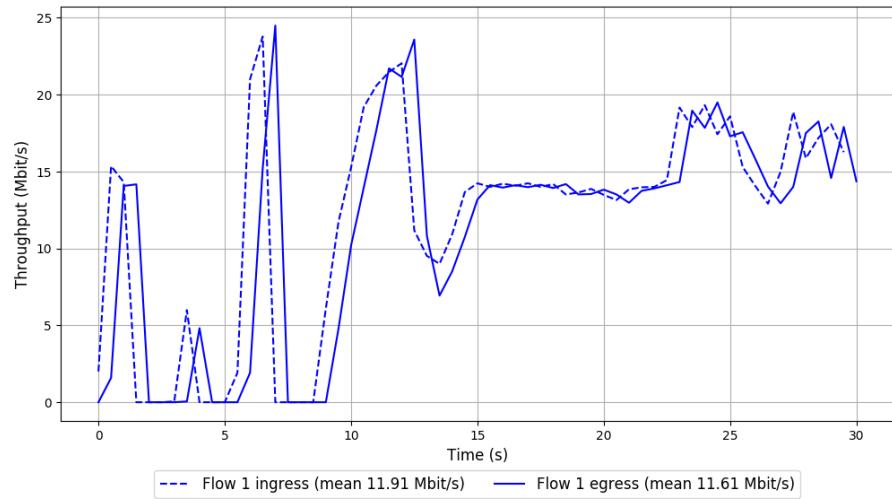


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-07-18 05:29:57
End at: 2018-07-18 05:30:27
Local clock offset: 1.494 ms
Remote clock offset: 1.504 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 76.546 ms
Loss rate: 3.07%
-- Flow 1:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 76.546 ms
Loss rate: 3.07%
```

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

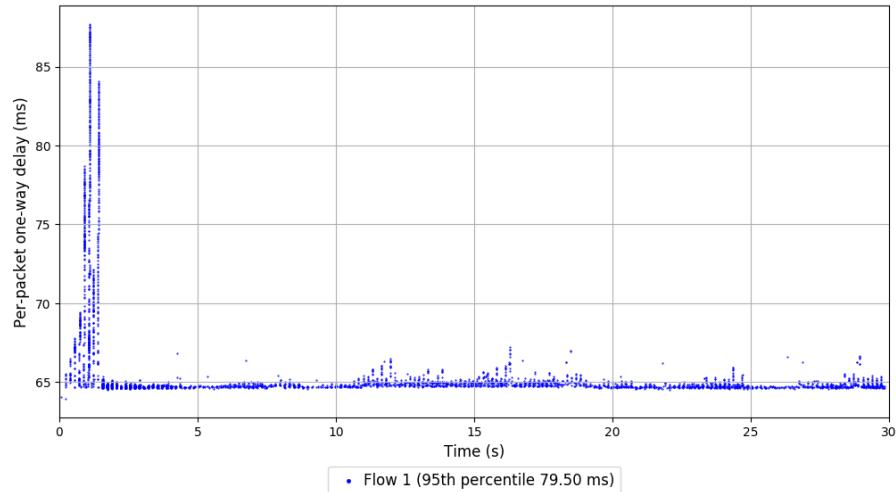
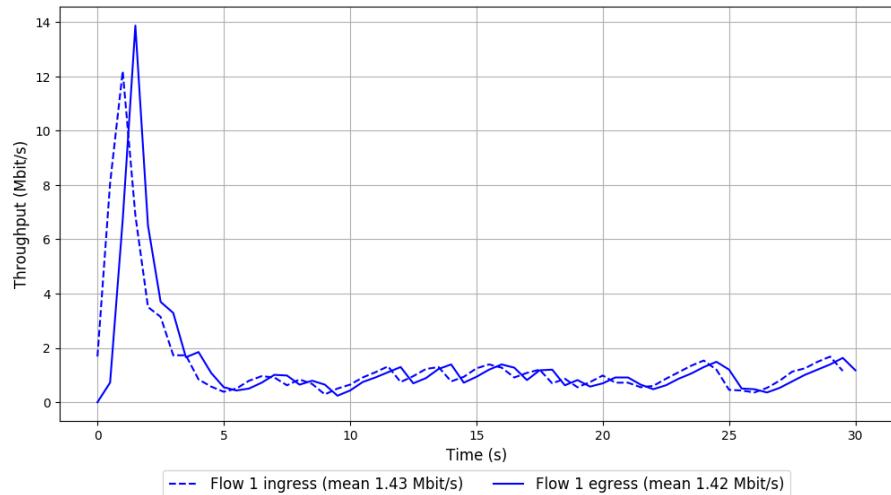


Run 1: Statistics of TCP Vegas

```
Start at: 2018-07-18 01:17:20
End at: 2018-07-18 01:17:50
Local clock offset: 2.74 ms
Remote clock offset: 0.703 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 79.496 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 79.496 ms
Loss rate: 1.21%
```

Run 1: Report of TCP Vegas — Data Link

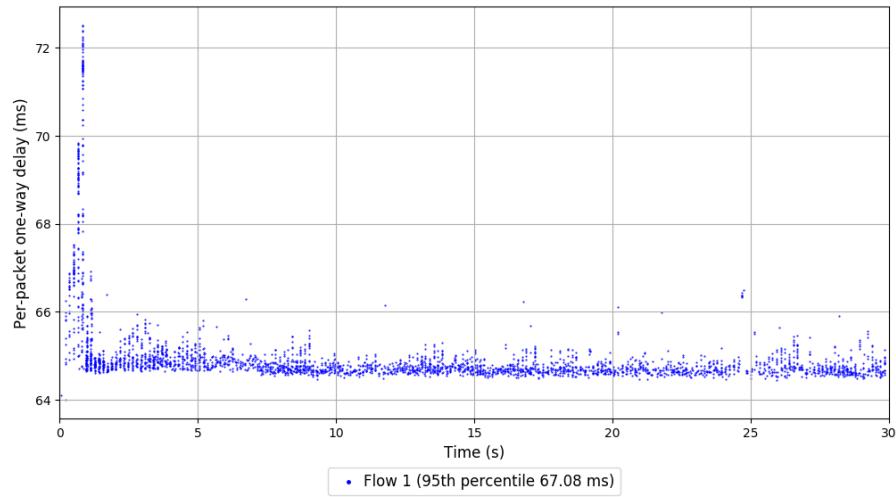
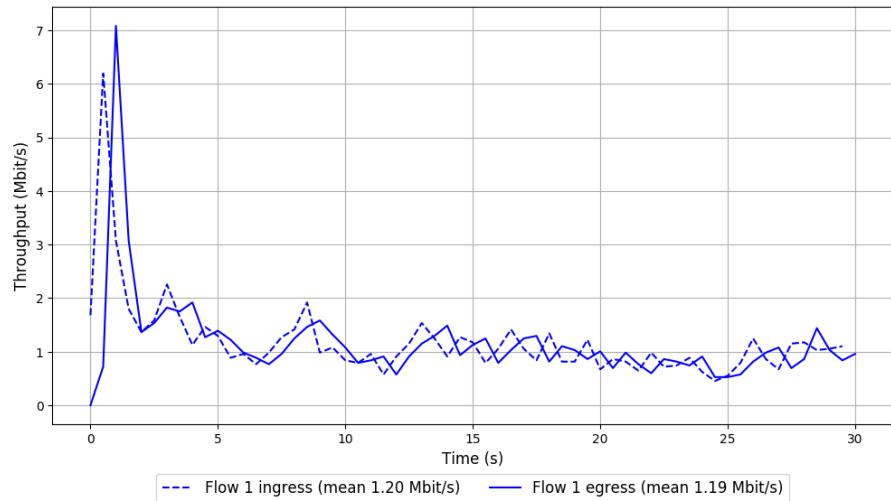


Run 2: Statistics of TCP Vegas

```
Start at: 2018-07-18 01:45:33
End at: 2018-07-18 01:46:03
Local clock offset: 5.186 ms
Remote clock offset: 1.446 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 67.084 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 67.084 ms
Loss rate: 1.27%
```

Run 2: Report of TCP Vegas — Data Link

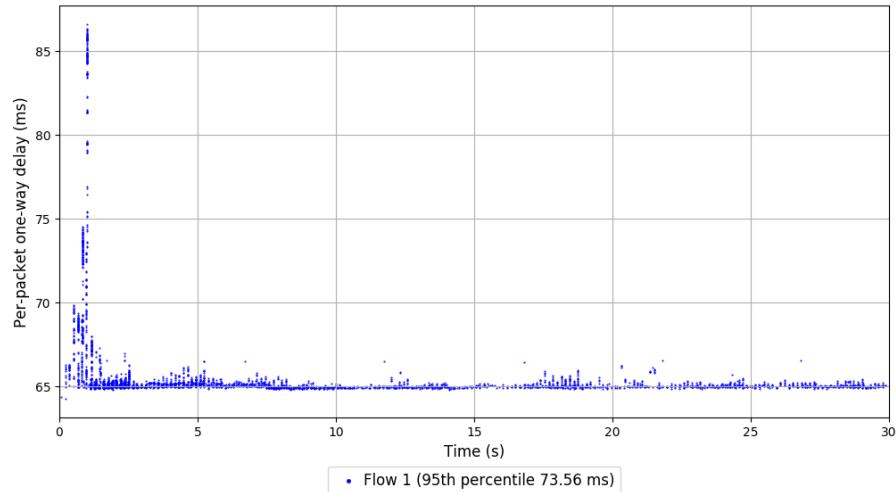
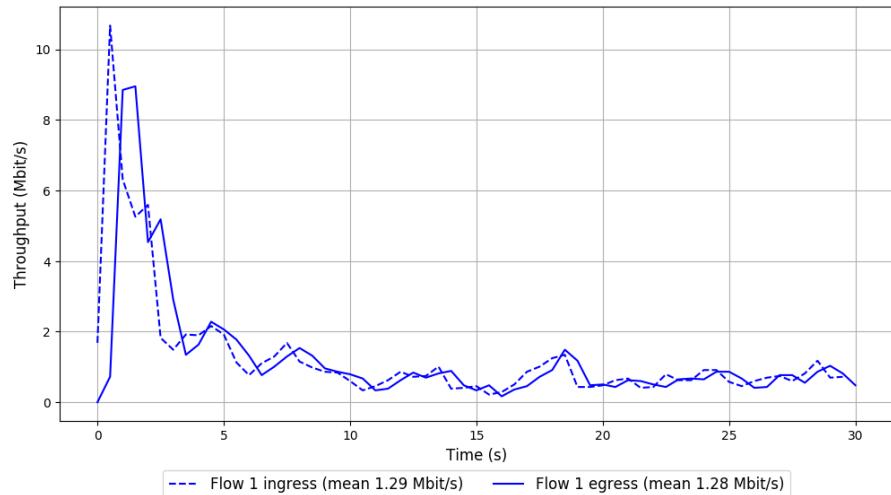


Run 3: Statistics of TCP Vegas

```
Start at: 2018-07-18 02:14:33
End at: 2018-07-18 02:15:03
Local clock offset: 6.53 ms
Remote clock offset: 1.931 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 73.562 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 73.562 ms
Loss rate: 1.34%
```

Run 3: Report of TCP Vegas — Data Link

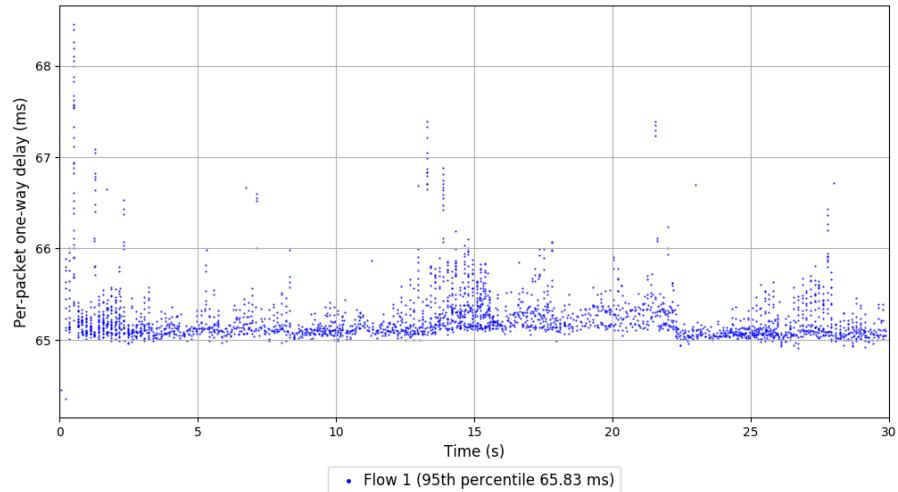
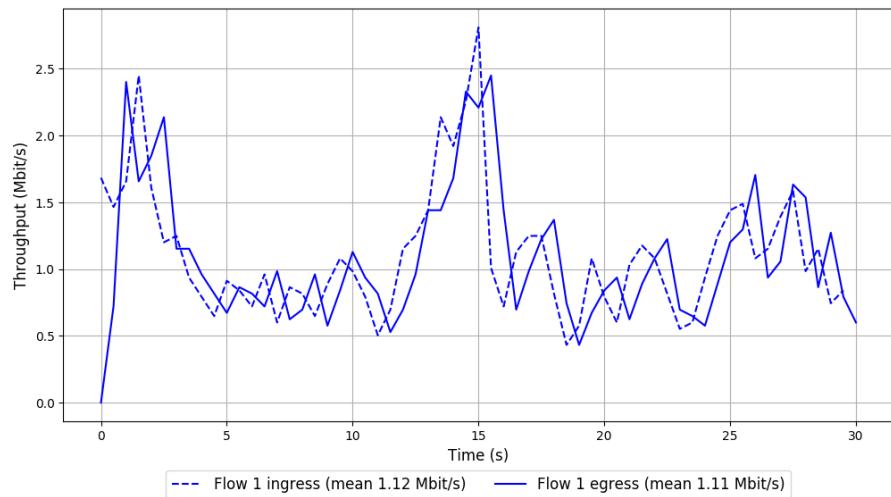


Run 4: Statistics of TCP Vegas

```
Start at: 2018-07-18 02:42:19
End at: 2018-07-18 02:42:49
Local clock offset: 5.729 ms
Remote clock offset: 2.469 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 65.835 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 65.835 ms
Loss rate: 1.26%
```

Run 4: Report of TCP Vegas — Data Link

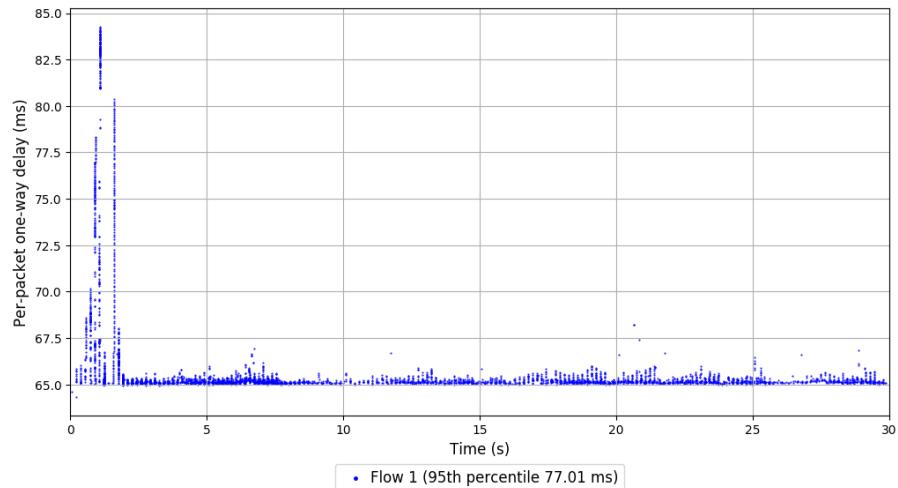
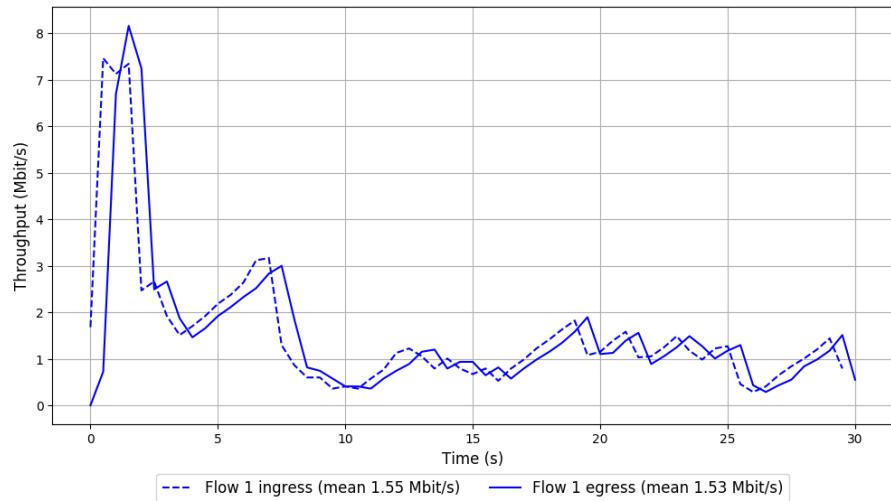


Run 5: Statistics of TCP Vegas

```
Start at: 2018-07-18 03:11:42
End at: 2018-07-18 03:12:12
Local clock offset: 6.975 ms
Remote clock offset: 2.537 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 77.007 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 77.007 ms
Loss rate: 1.63%
```

Run 5: Report of TCP Vegas — Data Link

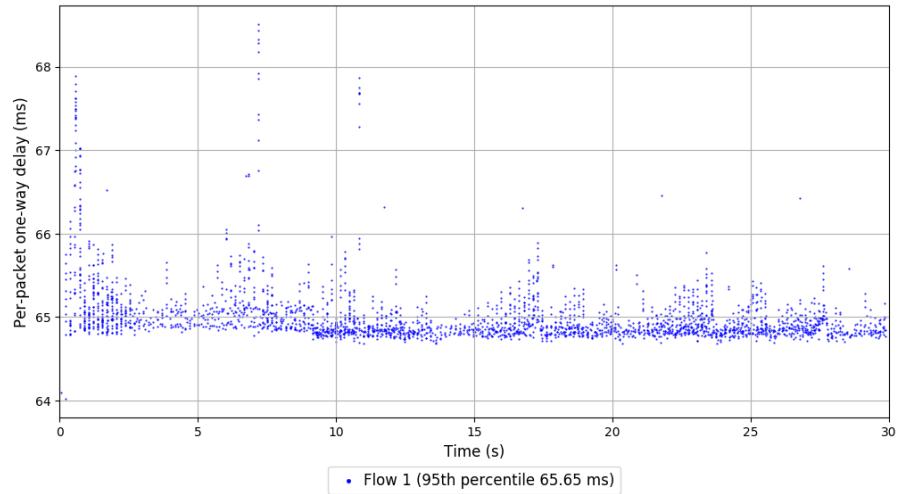
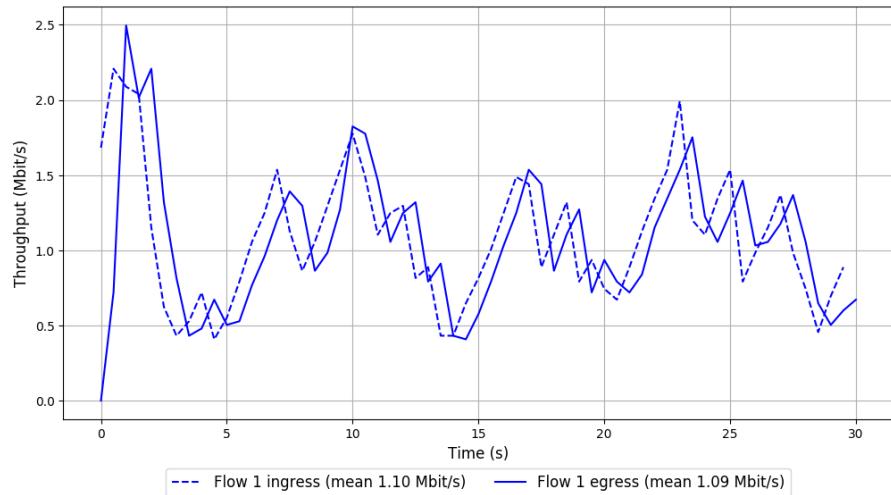


Run 6: Statistics of TCP Vegas

```
Start at: 2018-07-18 03:40:35
End at: 2018-07-18 03:41:05
Local clock offset: 6.84 ms
Remote clock offset: 2.577 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 65.646 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 65.646 ms
Loss rate: 1.13%
```

Run 6: Report of TCP Vegas — Data Link

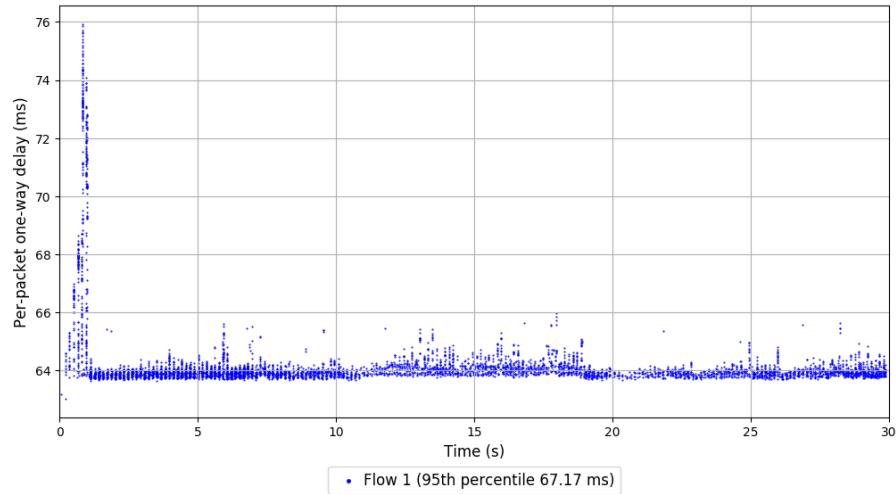
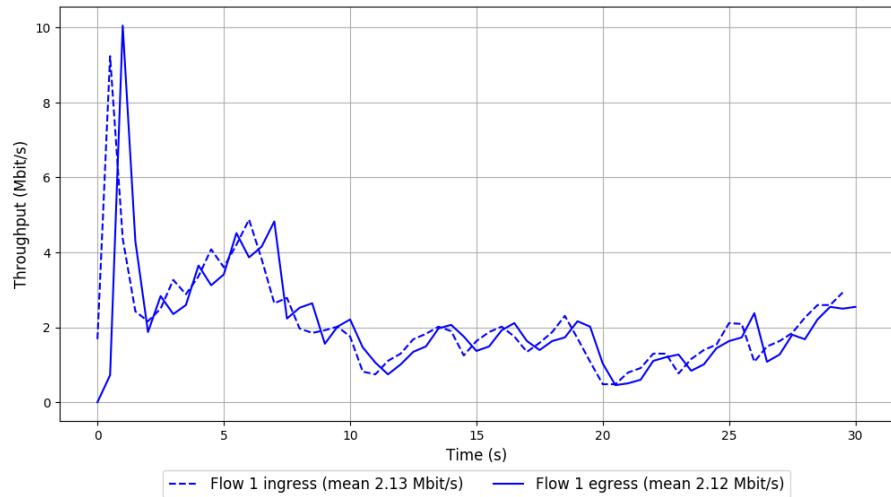


Run 7: Statistics of TCP Vegas

```
Start at: 2018-07-18 04:07:57
End at: 2018-07-18 04:08:27
Local clock offset: 6.665 ms
Remote clock offset: 2.454 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 67.165 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 67.165 ms
Loss rate: 1.01%
```

Run 7: Report of TCP Vegas — Data Link

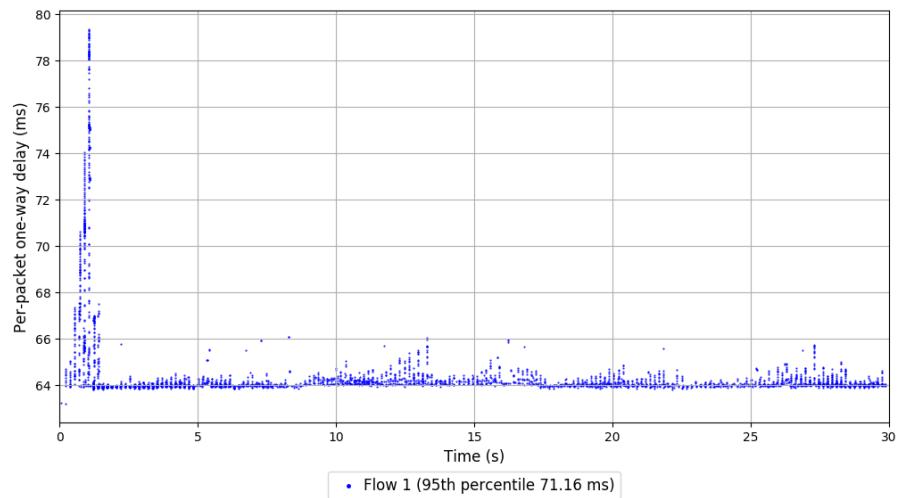
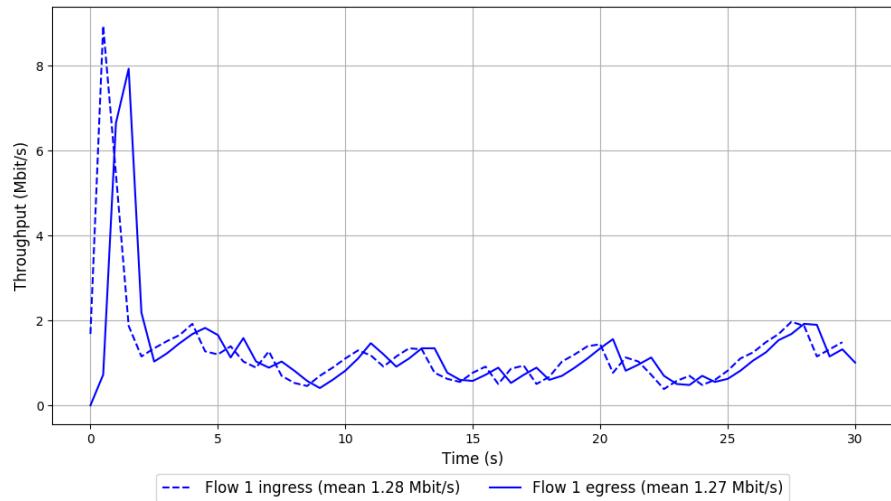


Run 8: Statistics of TCP Vegas

```
Start at: 2018-07-18 04:35:00
End at: 2018-07-18 04:35:30
Local clock offset: 4.381 ms
Remote clock offset: 2.056 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 71.155 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 71.155 ms
Loss rate: 1.50%
```

Run 8: Report of TCP Vegas — Data Link

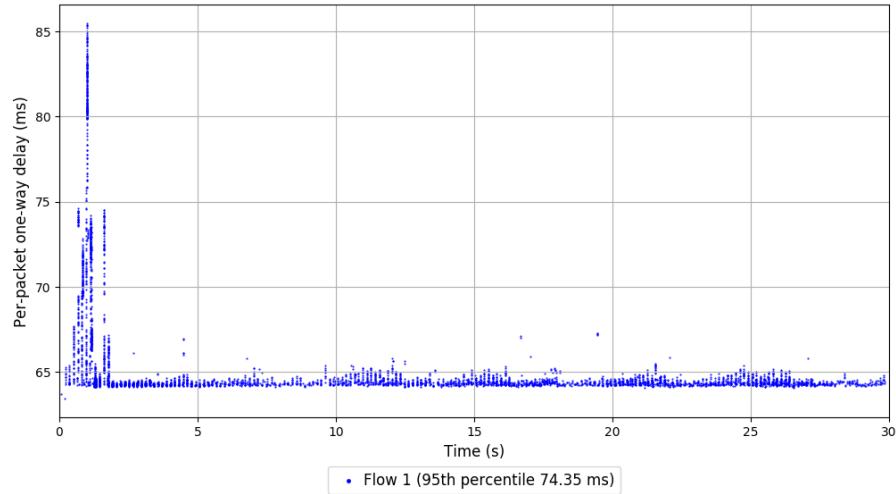
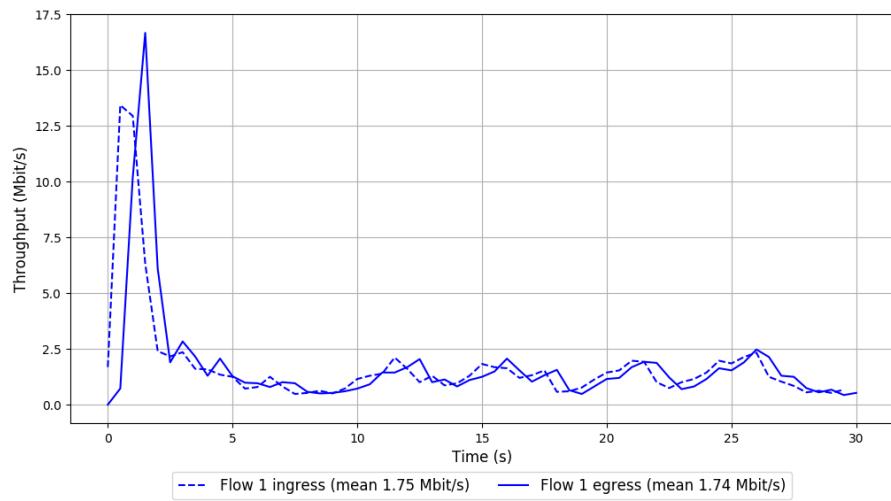


Run 9: Statistics of TCP Vegas

```
Start at: 2018-07-18 05:03:40
End at: 2018-07-18 05:04:10
Local clock offset: 5.639 ms
Remote clock offset: 1.757 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 74.346 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 74.346 ms
Loss rate: 1.24%
```

Run 9: Report of TCP Vegas — Data Link

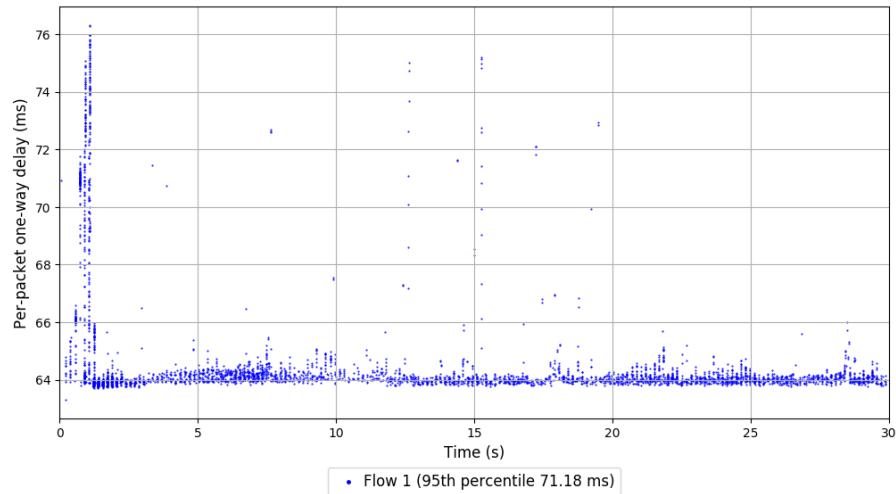
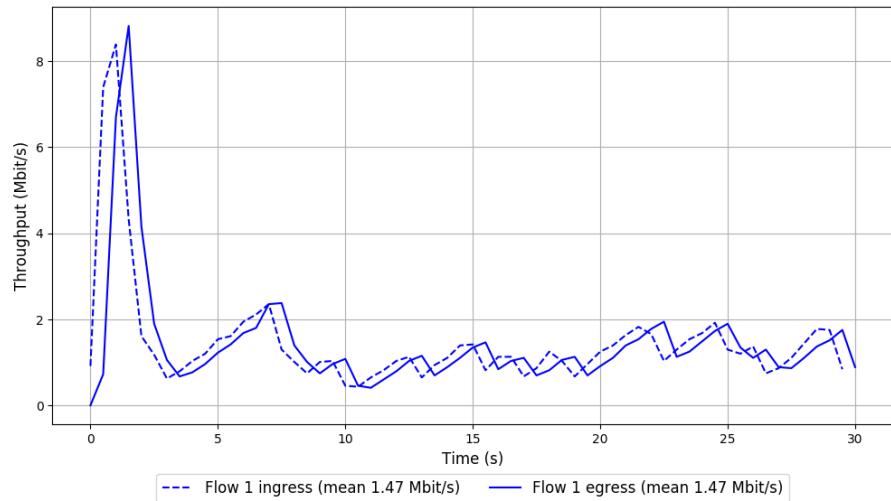


Run 10: Statistics of TCP Vegas

```
Start at: 2018-07-18 05:31:23
End at: 2018-07-18 05:31:53
Local clock offset: 1.141 ms
Remote clock offset: 1.472 ms

# Below is generated by plot.py at 2018-07-18 05:56:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 71.179 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 71.179 ms
Loss rate: 0.98%
```

Run 10: Report of TCP Vegas — Data Link

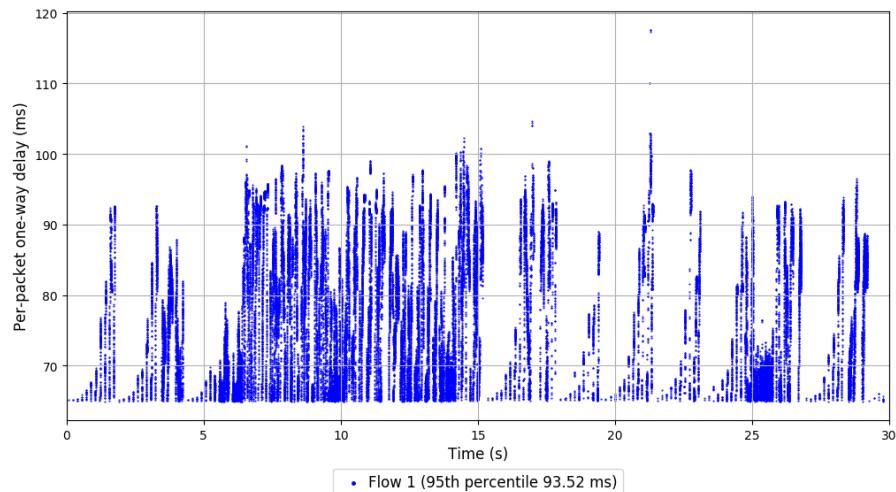
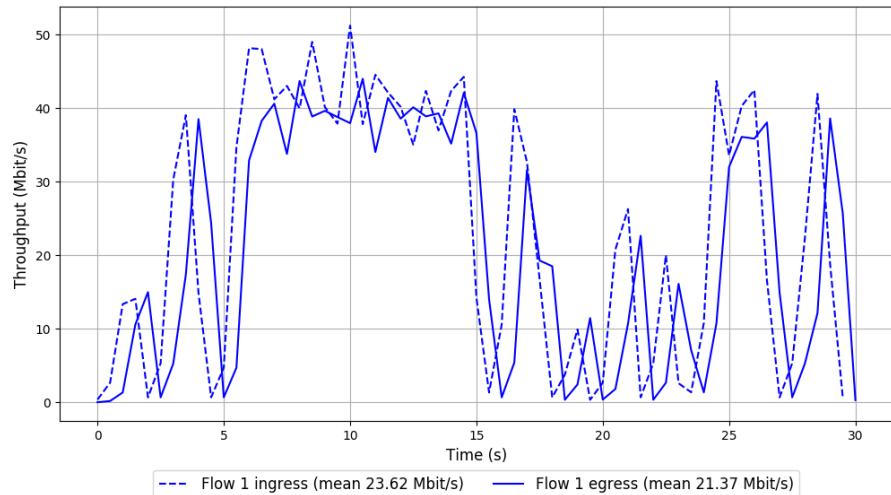


Run 1: Statistics of Verus

```
Start at: 2018-07-18 01:33:17
End at: 2018-07-18 01:33:47
Local clock offset: 3.879 ms
Remote clock offset: 1.118 ms

# Below is generated by plot.py at 2018-07-18 05:57:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.37 Mbit/s
95th percentile per-packet one-way delay: 93.518 ms
Loss rate: 10.01%
-- Flow 1:
Average throughput: 21.37 Mbit/s
95th percentile per-packet one-way delay: 93.518 ms
Loss rate: 10.01%
```

Run 1: Report of Verus — Data Link

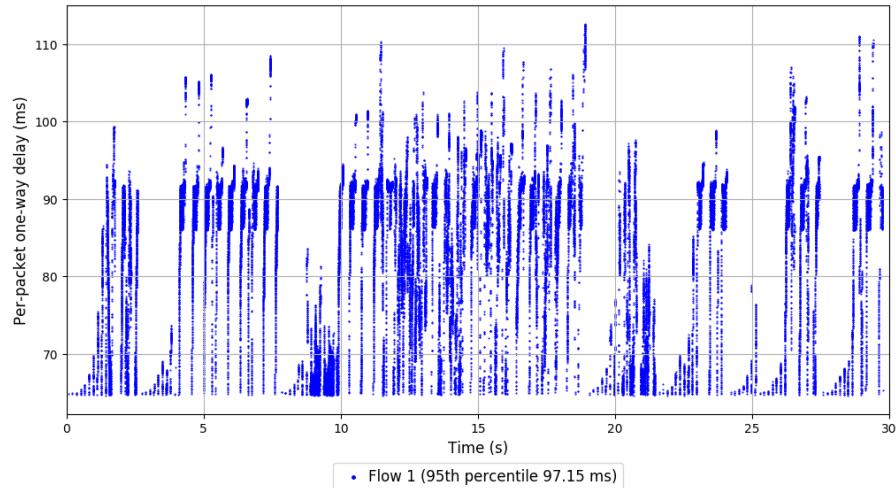
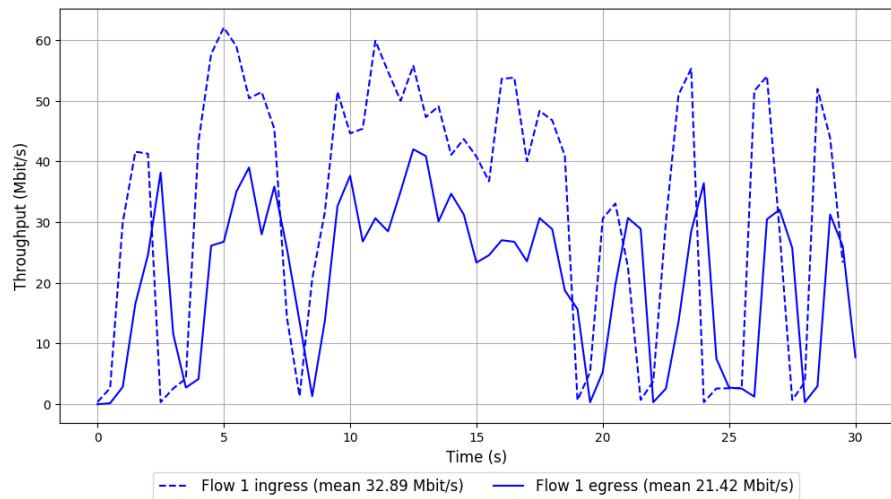


Run 2: Statistics of Verus

```
Start at: 2018-07-18 02:02:20
End at: 2018-07-18 02:02:50
Local clock offset: 7.005 ms
Remote clock offset: 1.711 ms

# Below is generated by plot.py at 2018-07-18 05:57:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.42 Mbit/s
95th percentile per-packet one-way delay: 97.154 ms
Loss rate: 35.20%
-- Flow 1:
Average throughput: 21.42 Mbit/s
95th percentile per-packet one-way delay: 97.154 ms
Loss rate: 35.20%
```

Run 2: Report of Verus — Data Link

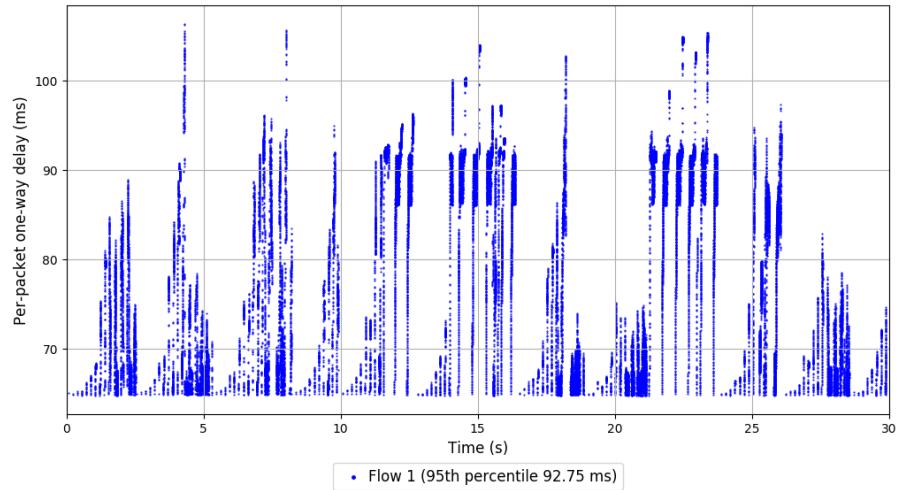
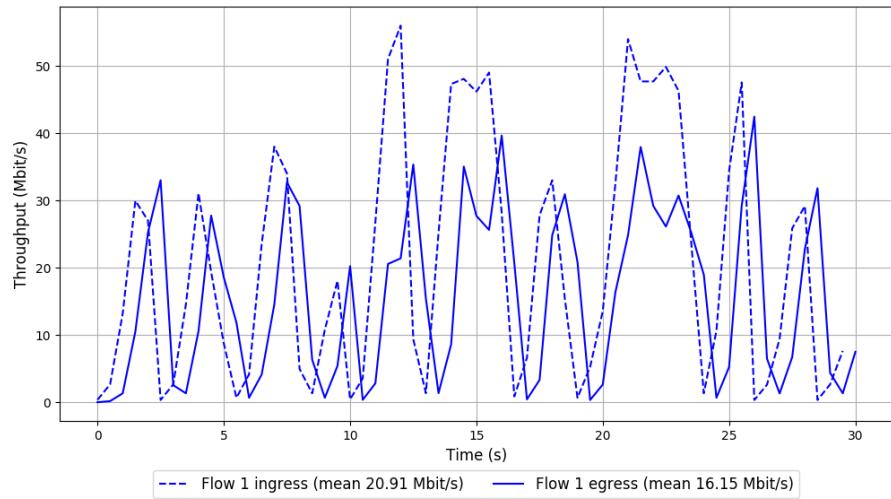


Run 3: Statistics of Verus

```
Start at: 2018-07-18 02:30:30
End at: 2018-07-18 02:31:00
Local clock offset: 5.342 ms
Remote clock offset: 2.235 ms

# Below is generated by plot.py at 2018-07-18 05:57:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 92.752 ms
Loss rate: 23.18%
-- Flow 1:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 92.752 ms
Loss rate: 23.18%
```

Run 3: Report of Verus — Data Link

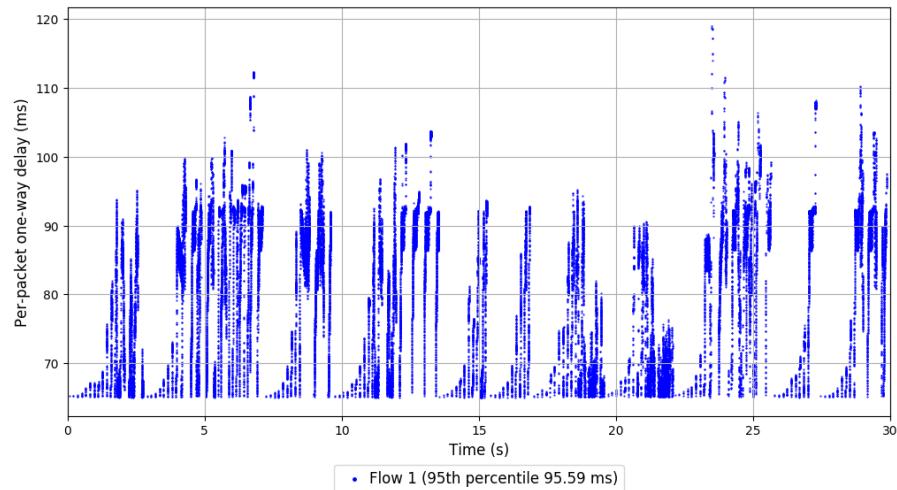
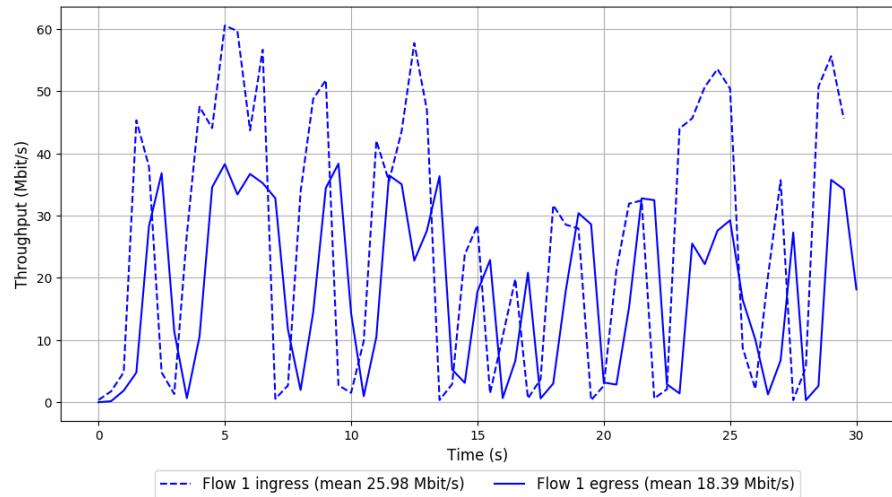


Run 4: Statistics of Verus

```
Start at: 2018-07-18 02:58:17
End at: 2018-07-18 02:58:47
Local clock offset: 6.642 ms
Remote clock offset: 2.484 ms

# Below is generated by plot.py at 2018-07-18 05:57:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.39 Mbit/s
95th percentile per-packet one-way delay: 95.593 ms
Loss rate: 29.40%
-- Flow 1:
Average throughput: 18.39 Mbit/s
95th percentile per-packet one-way delay: 95.593 ms
Loss rate: 29.40%
```

Run 4: Report of Verus — Data Link

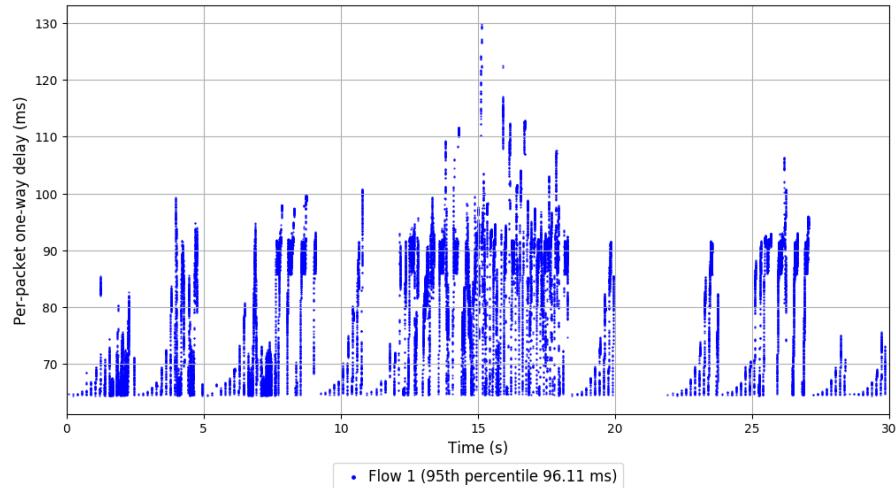
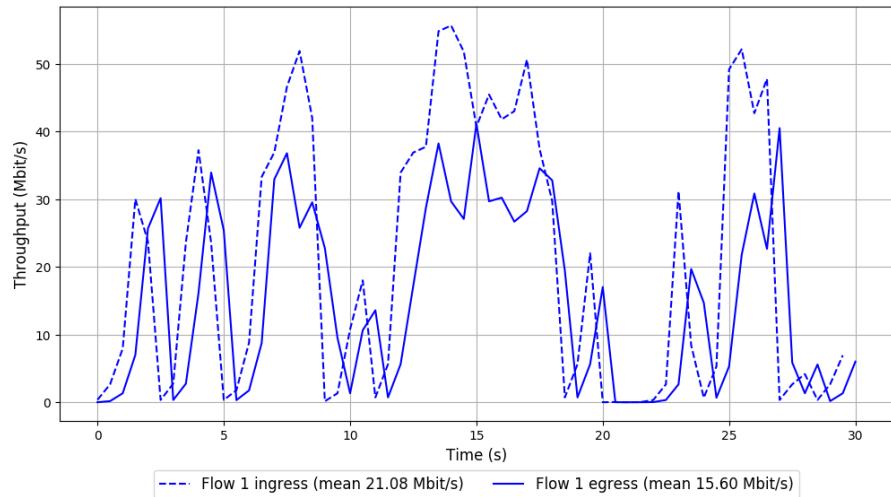


Run 5: Statistics of Verus

```
Start at: 2018-07-18 03:28:26
End at: 2018-07-18 03:28:56
Local clock offset: 6.687 ms
Remote clock offset: 2.672 ms

# Below is generated by plot.py at 2018-07-18 05:57:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.60 Mbit/s
95th percentile per-packet one-way delay: 96.112 ms
Loss rate: 26.00%
-- Flow 1:
Average throughput: 15.60 Mbit/s
95th percentile per-packet one-way delay: 96.112 ms
Loss rate: 26.00%
```

Run 5: Report of Verus — Data Link

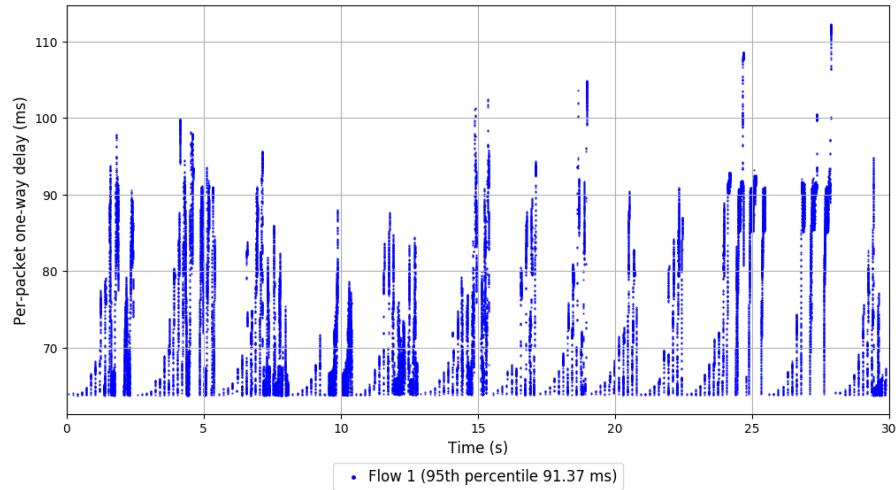
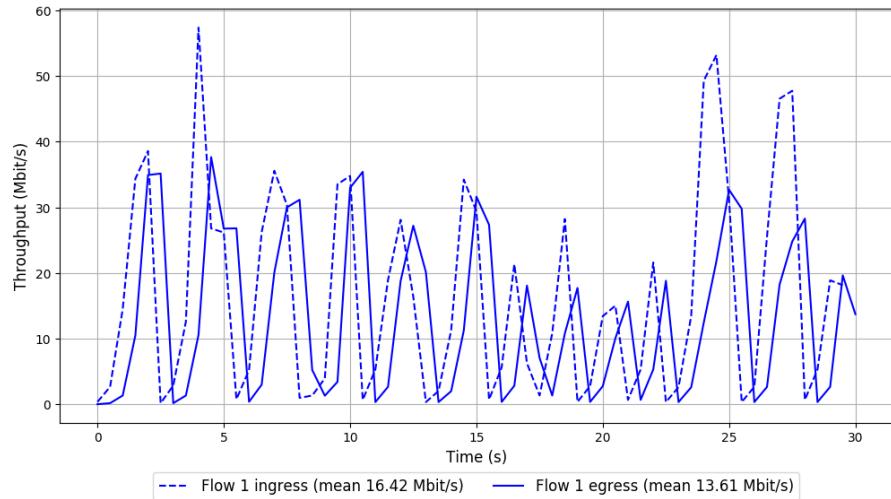


Run 6: Statistics of Verus

```
Start at: 2018-07-18 03:56:55
End at: 2018-07-18 03:57:25
Local clock offset: 6.427 ms
Remote clock offset: 2.378 ms

# Below is generated by plot.py at 2018-07-18 05:57:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 91.371 ms
Loss rate: 17.55%
-- Flow 1:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 91.371 ms
Loss rate: 17.55%
```

Run 6: Report of Verus — Data Link

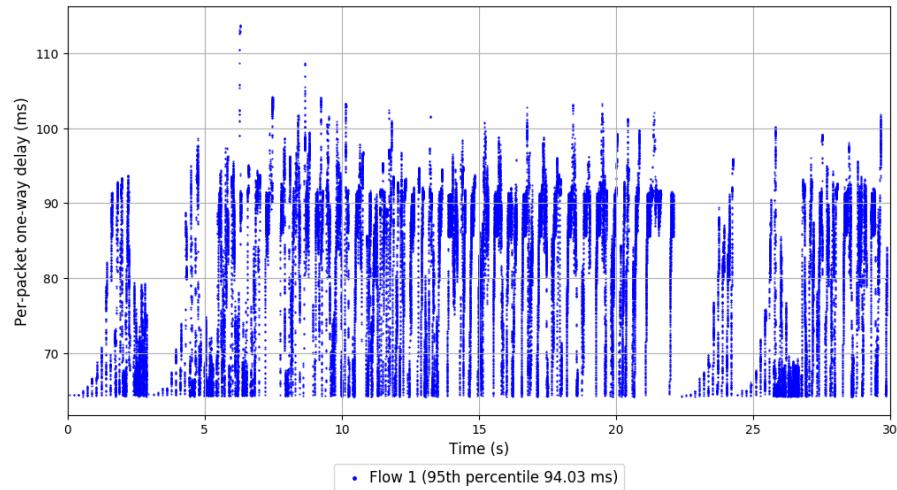
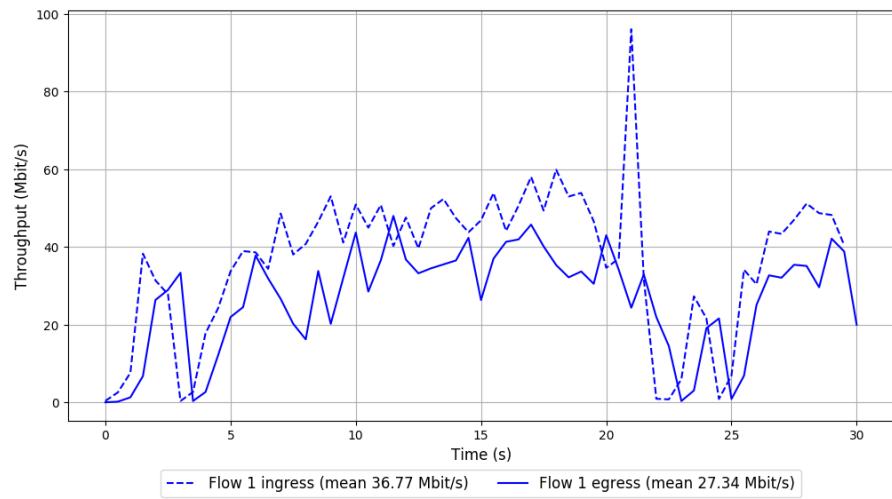


Run 7: Statistics of Verus

```
Start at: 2018-07-18 04:23:08
End at: 2018-07-18 04:23:38
Local clock offset: 5.153 ms
Remote clock offset: 2.177 ms

# Below is generated by plot.py at 2018-07-18 05:57:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 94.026 ms
Loss rate: 25.95%
-- Flow 1:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 94.026 ms
Loss rate: 25.95%
```

Run 7: Report of Verus — Data Link

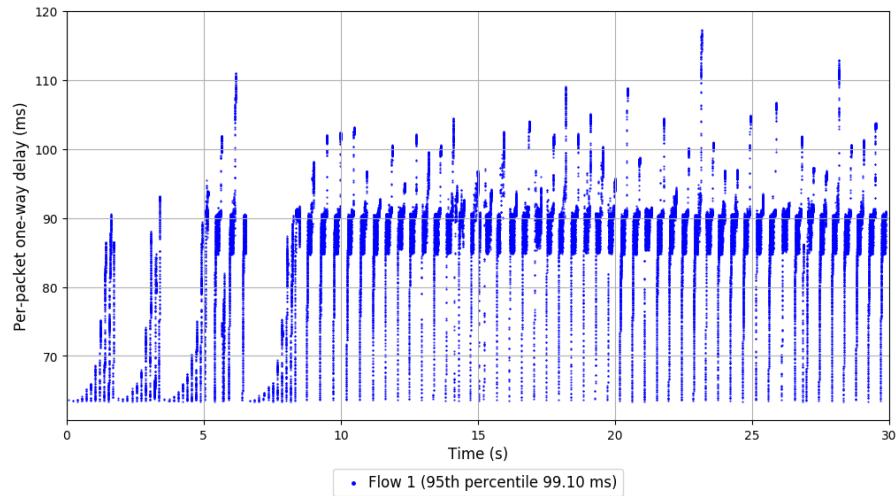
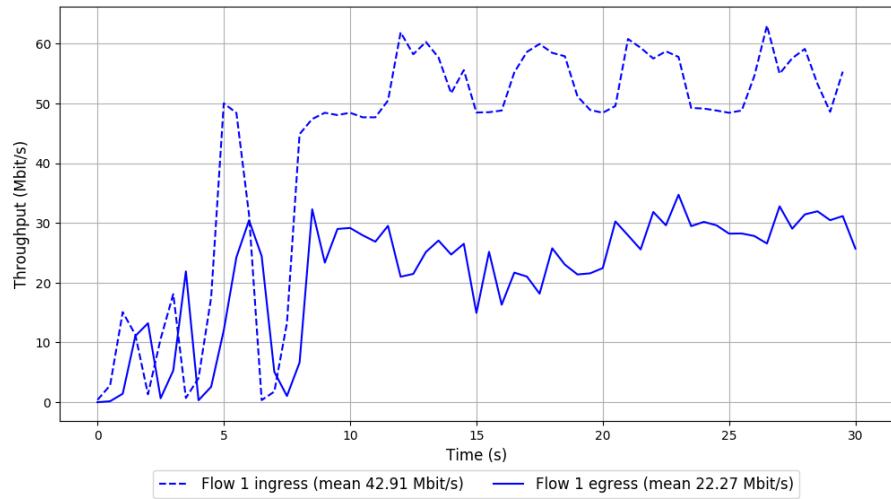


Run 8: Statistics of Verus

```
Start at: 2018-07-18 04:51:58
End at: 2018-07-18 04:52:28
Local clock offset: 5.297 ms
Remote clock offset: 1.887 ms

# Below is generated by plot.py at 2018-07-18 05:57:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.27 Mbit/s
95th percentile per-packet one-way delay: 99.100 ms
Loss rate: 48.39%
-- Flow 1:
Average throughput: 22.27 Mbit/s
95th percentile per-packet one-way delay: 99.100 ms
Loss rate: 48.39%
```

Run 8: Report of Verus — Data Link

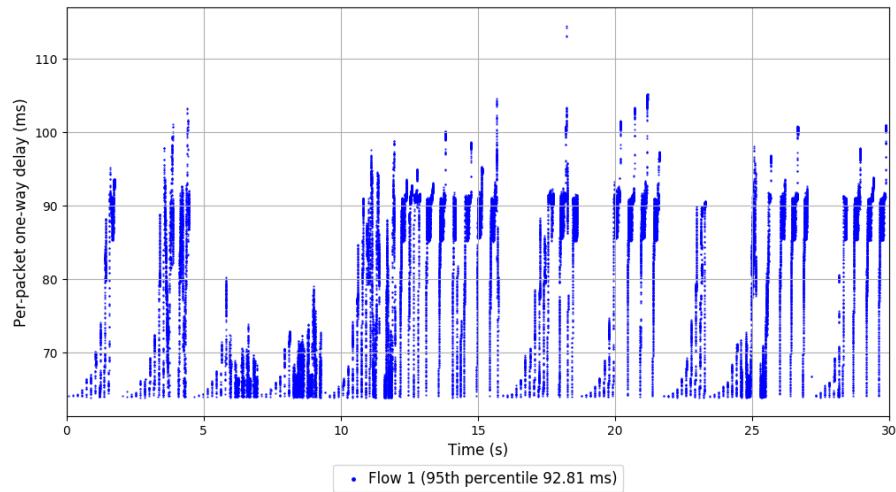
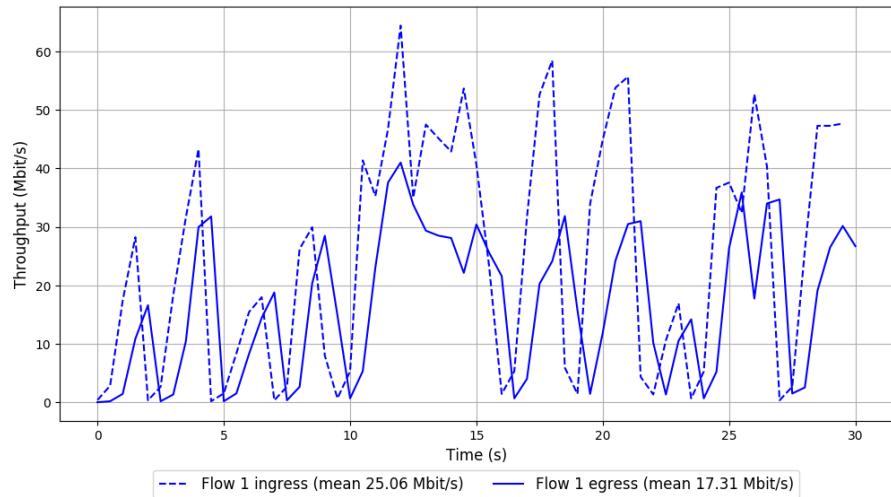


Run 9: Statistics of Verus

```
Start at: 2018-07-18 05:19:26
End at: 2018-07-18 05:19:56
Local clock offset: 3.079 ms
Remote clock offset: 1.567 ms

# Below is generated by plot.py at 2018-07-18 05:57:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.31 Mbit/s
95th percentile per-packet one-way delay: 92.807 ms
Loss rate: 30.85%
-- Flow 1:
Average throughput: 17.31 Mbit/s
95th percentile per-packet one-way delay: 92.807 ms
Loss rate: 30.85%
```

Run 9: Report of Verus — Data Link

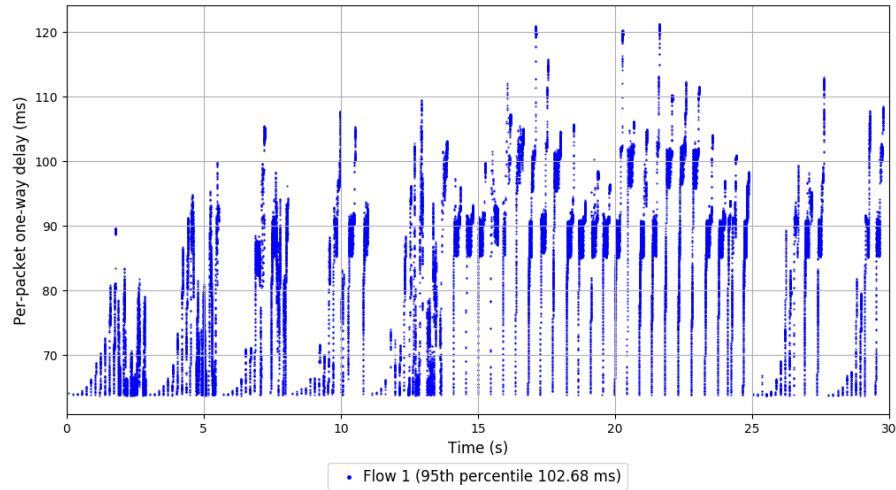
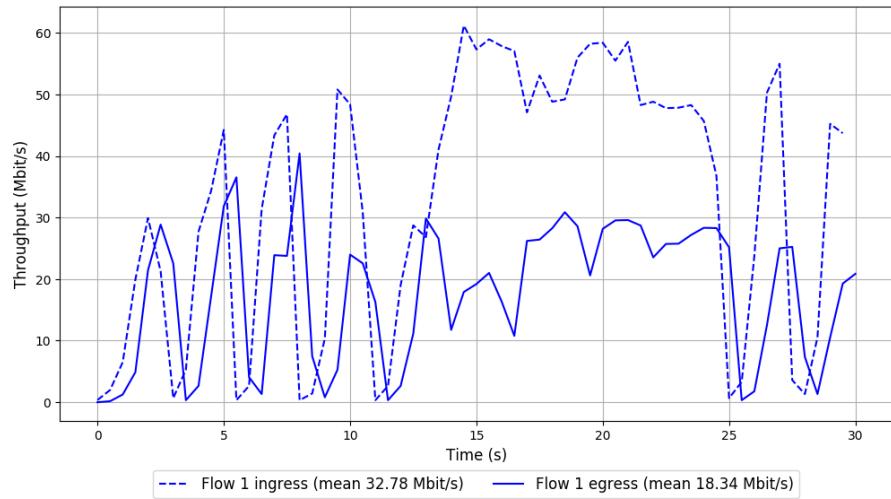


Run 10: Statistics of Verus

```
Start at: 2018-07-18 05:46:19
End at: 2018-07-18 05:46:49
Local clock offset: 1.059 ms
Remote clock offset: 1.157 ms

# Below is generated by plot.py at 2018-07-18 05:57:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.34 Mbit/s
95th percentile per-packet one-way delay: 102.678 ms
Loss rate: 44.52%
-- Flow 1:
Average throughput: 18.34 Mbit/s
95th percentile per-packet one-way delay: 102.678 ms
Loss rate: 44.52%
```

Run 10: Report of Verus — Data Link

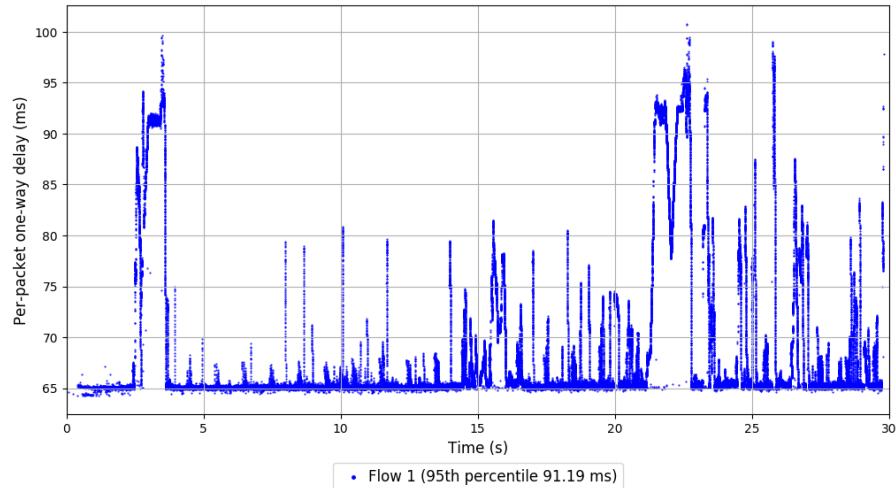
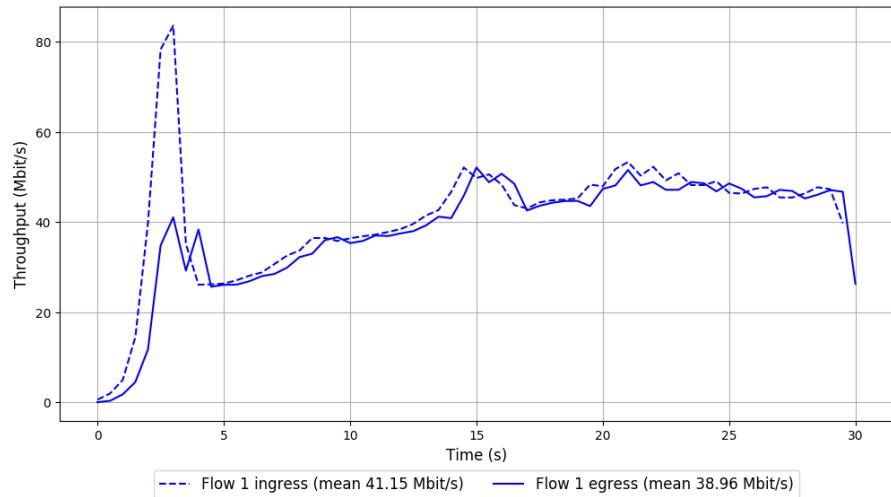


Run 1: Statistics of PCC-Vivace

```
Start at: 2018-07-18 01:29:52
End at: 2018-07-18 01:30:22
Local clock offset: 3.819 ms
Remote clock offset: 1.01 ms

# Below is generated by plot.py at 2018-07-18 05:57:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.96 Mbit/s
95th percentile per-packet one-way delay: 91.192 ms
Loss rate: 5.83%
-- Flow 1:
Average throughput: 38.96 Mbit/s
95th percentile per-packet one-way delay: 91.192 ms
Loss rate: 5.83%
```

Run 1: Report of PCC-Vivace — Data Link

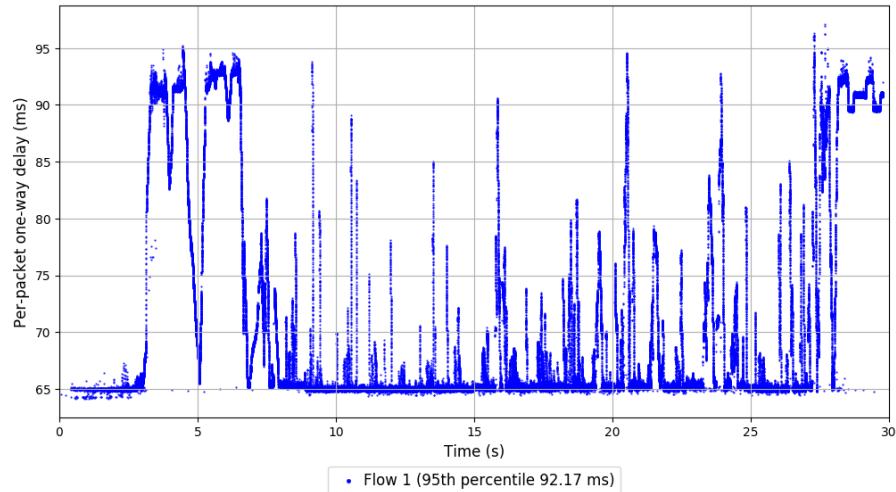
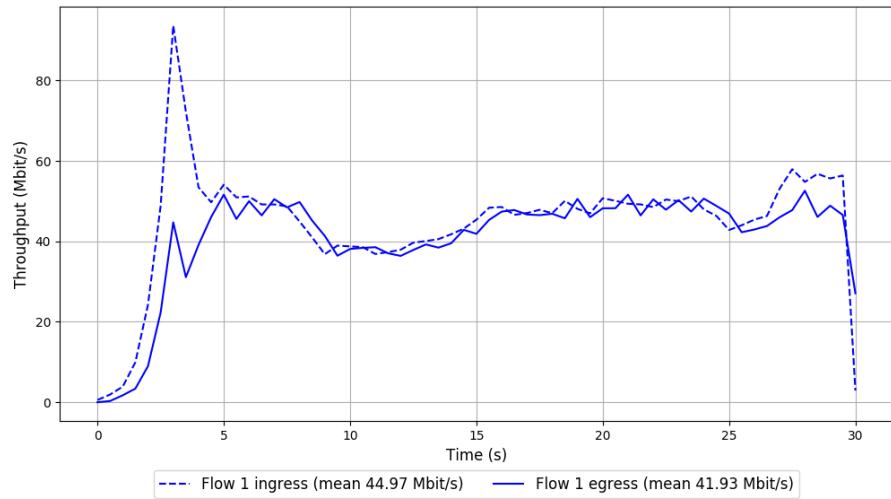


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-07-18 01:58:47
End at: 2018-07-18 01:59:17
Local clock offset: 6.634 ms
Remote clock offset: 1.642 ms

# Below is generated by plot.py at 2018-07-18 05:57:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.93 Mbit/s
95th percentile per-packet one-way delay: 92.170 ms
Loss rate: 7.72%
-- Flow 1:
Average throughput: 41.93 Mbit/s
95th percentile per-packet one-way delay: 92.170 ms
Loss rate: 7.72%
```

Run 2: Report of PCC-Vivace — Data Link

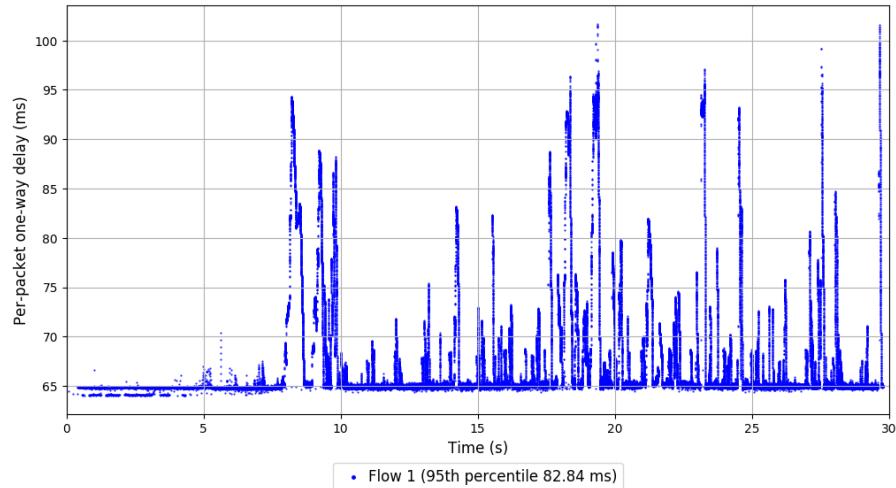
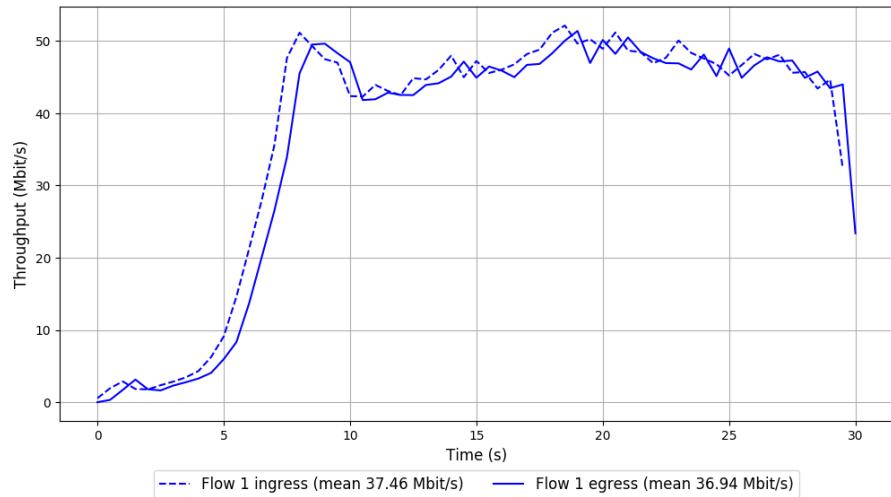


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-07-18 02:27:09
End at: 2018-07-18 02:27:39
Local clock offset: 5.533 ms
Remote clock offset: 2.196 ms

# Below is generated by plot.py at 2018-07-18 05:57:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.94 Mbit/s
95th percentile per-packet one-way delay: 82.841 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 36.94 Mbit/s
95th percentile per-packet one-way delay: 82.841 ms
Loss rate: 1.94%
```

Run 3: Report of PCC-Vivace — Data Link

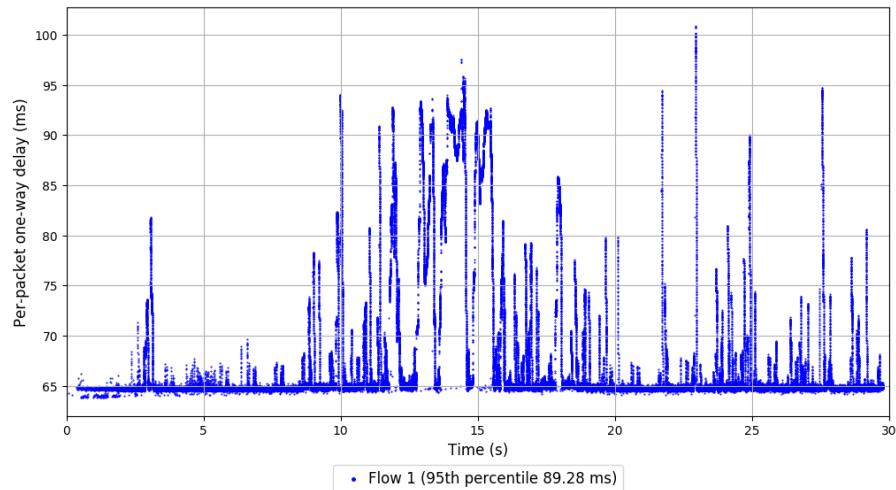
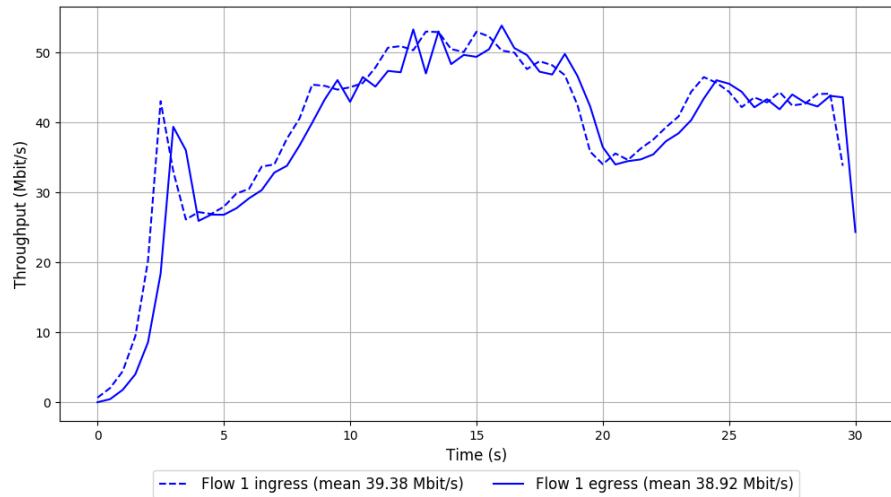


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-07-18 02:55:01
End at: 2018-07-18 02:55:31
Local clock offset: 6.473 ms
Remote clock offset: 2.525 ms

# Below is generated by plot.py at 2018-07-18 05:57:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.92 Mbit/s
95th percentile per-packet one-way delay: 89.280 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 38.92 Mbit/s
95th percentile per-packet one-way delay: 89.280 ms
Loss rate: 1.69%
```

Run 4: Report of PCC-Vivace — Data Link

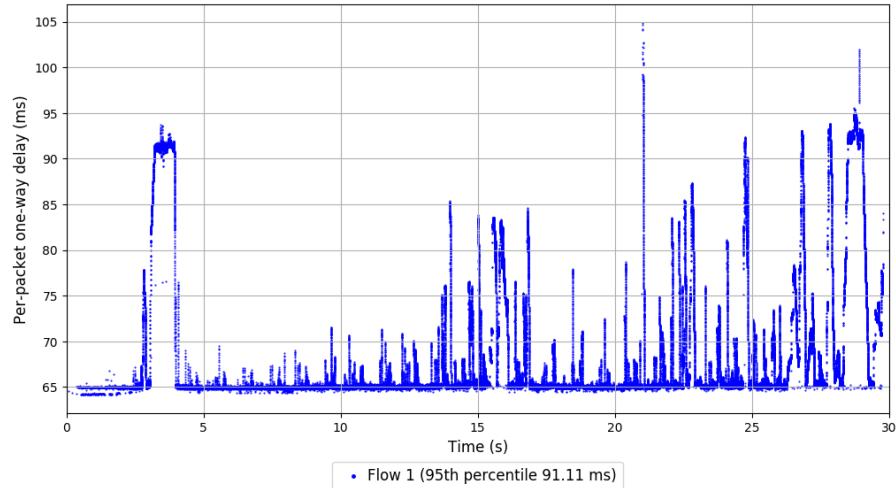
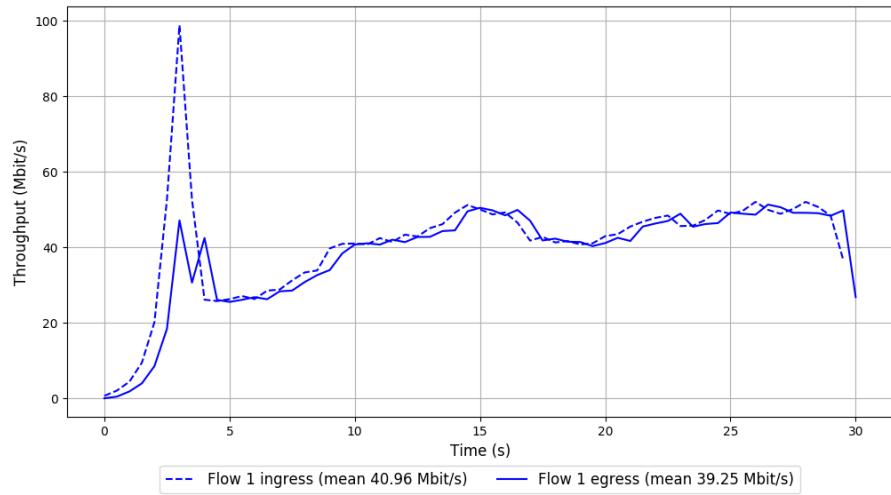


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-07-18 03:25:15
End at: 2018-07-18 03:25:45
Local clock offset: 6.744 ms
Remote clock offset: 2.623 ms

# Below is generated by plot.py at 2018-07-18 05:57:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.25 Mbit/s
95th percentile per-packet one-way delay: 91.109 ms
Loss rate: 4.71%
-- Flow 1:
Average throughput: 39.25 Mbit/s
95th percentile per-packet one-way delay: 91.109 ms
Loss rate: 4.71%
```

Run 5: Report of PCC-Vivace — Data Link

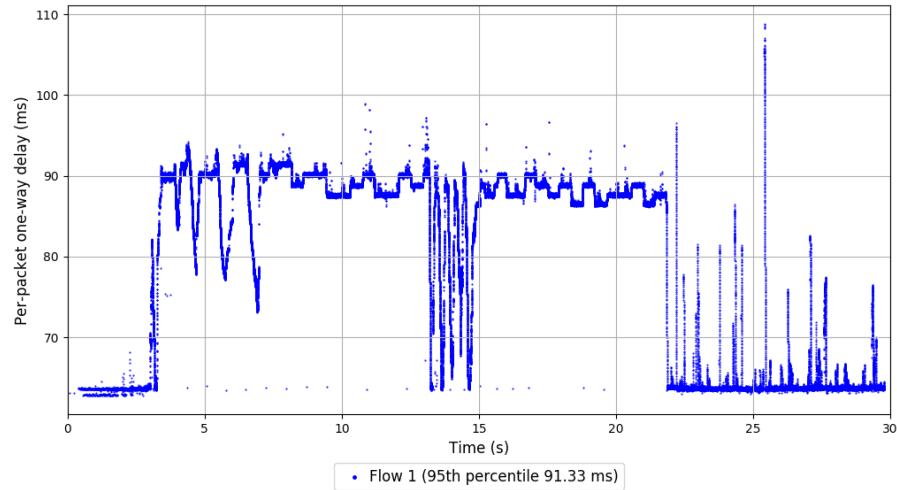
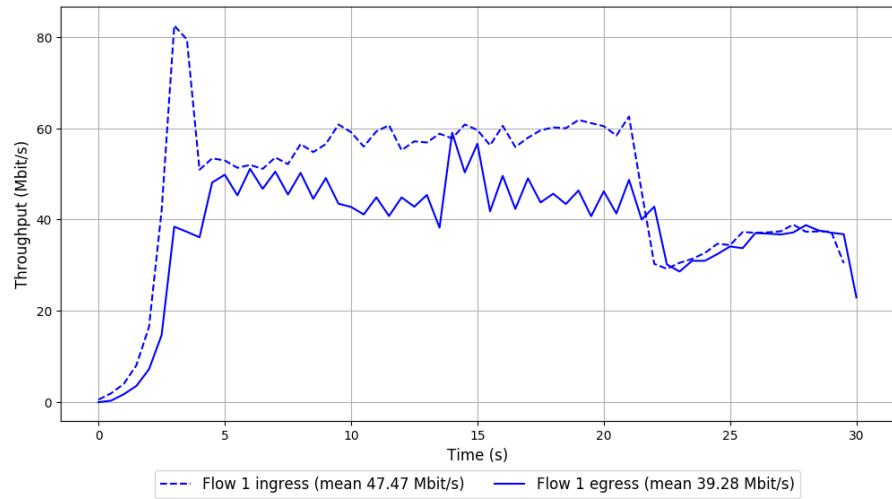


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-07-18 03:53:44
End at: 2018-07-18 03:54:14
Local clock offset: 6.502 ms
Remote clock offset: 2.447 ms

# Below is generated by plot.py at 2018-07-18 05:58:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.28 Mbit/s
95th percentile per-packet one-way delay: 91.330 ms
Loss rate: 17.71%
-- Flow 1:
Average throughput: 39.28 Mbit/s
95th percentile per-packet one-way delay: 91.330 ms
Loss rate: 17.71%
```

Run 6: Report of PCC-Vivace — Data Link

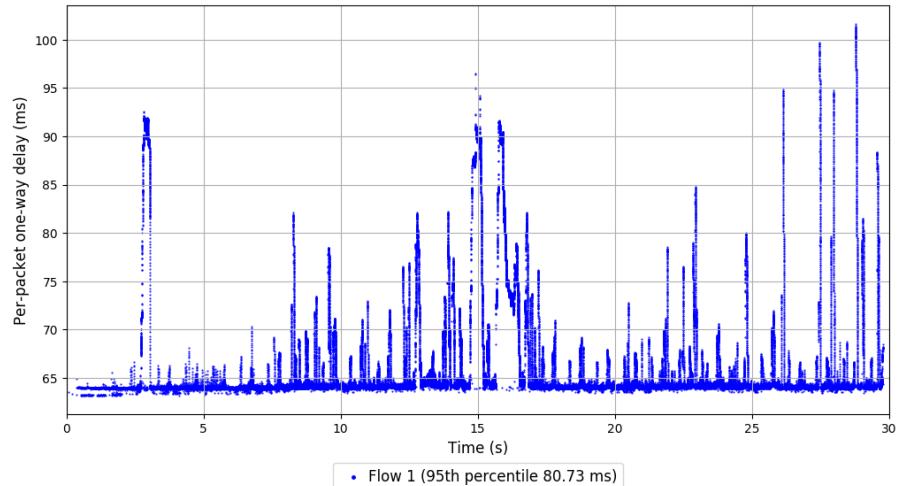
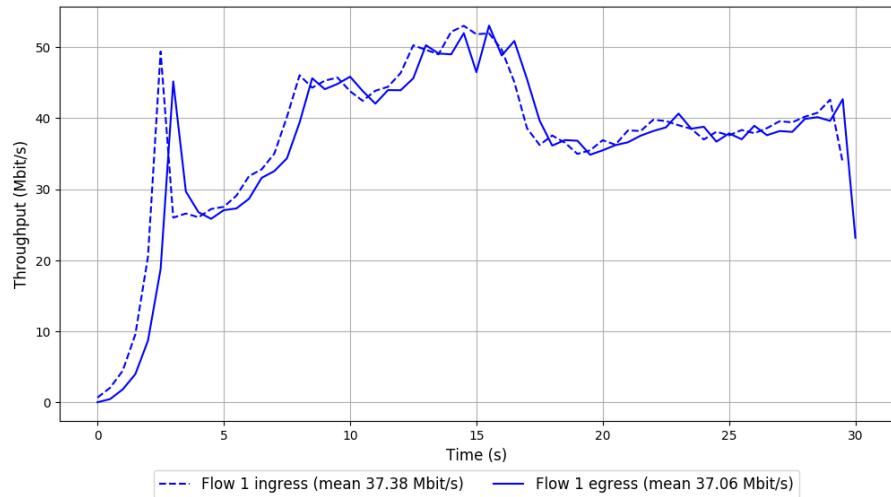


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-07-18 04:20:03
End at: 2018-07-18 04:20:33
Local clock offset: 5.426 ms
Remote clock offset: 2.193 ms

# Below is generated by plot.py at 2018-07-18 05:58:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.06 Mbit/s
95th percentile per-packet one-way delay: 80.735 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 37.06 Mbit/s
95th percentile per-packet one-way delay: 80.735 ms
Loss rate: 1.41%
```

Run 7: Report of PCC-Vivace — Data Link

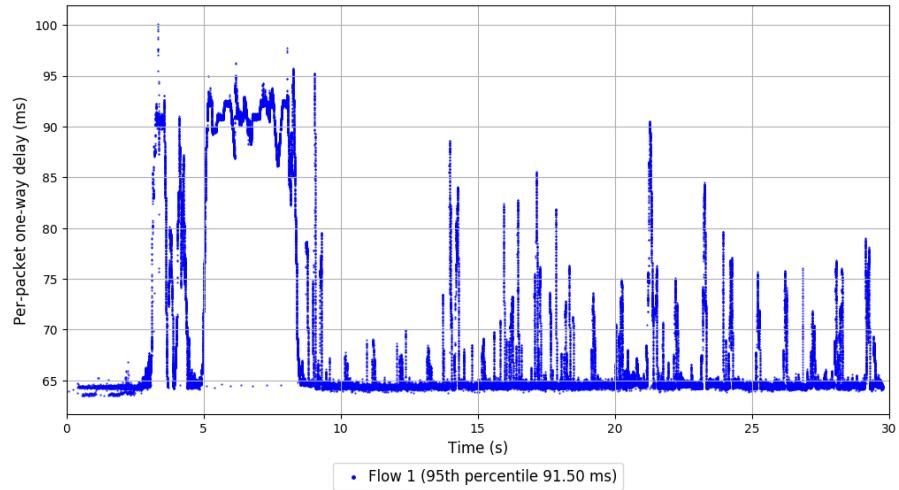
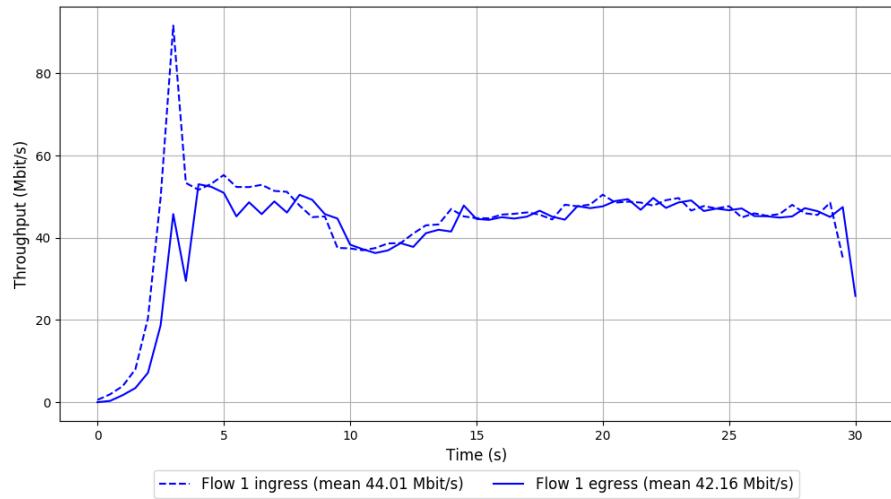


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-07-18 04:48:27
End at: 2018-07-18 04:48:57
Local clock offset: 5.228 ms
Remote clock offset: 1.892 ms

# Below is generated by plot.py at 2018-07-18 05:58:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.16 Mbit/s
95th percentile per-packet one-way delay: 91.504 ms
Loss rate: 4.74%
-- Flow 1:
Average throughput: 42.16 Mbit/s
95th percentile per-packet one-way delay: 91.504 ms
Loss rate: 4.74%
```

Run 8: Report of PCC-Vivace — Data Link

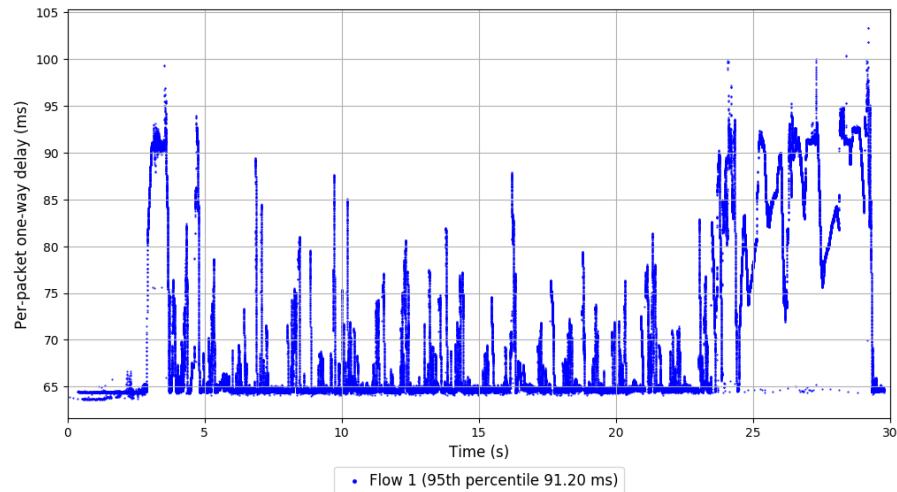
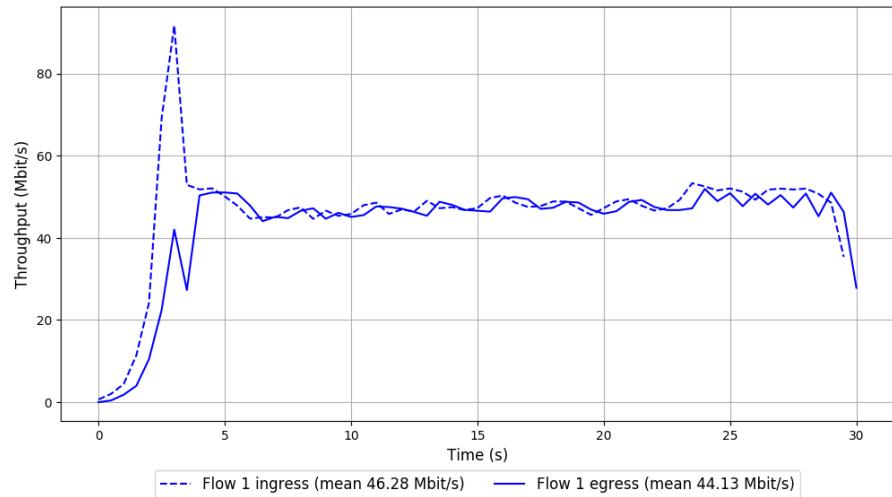


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-07-18 05:16:07
End at: 2018-07-18 05:16:37
Local clock offset: 3.752 ms
Remote clock offset: 1.605 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 91.203 ms
Loss rate: 5.16%
-- Flow 1:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 91.203 ms
Loss rate: 5.16%
```

Run 9: Report of PCC-Vivace — Data Link

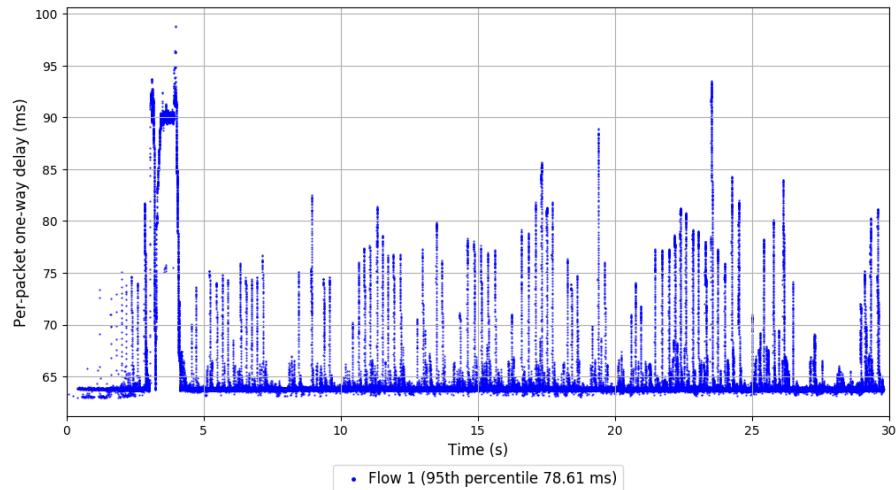
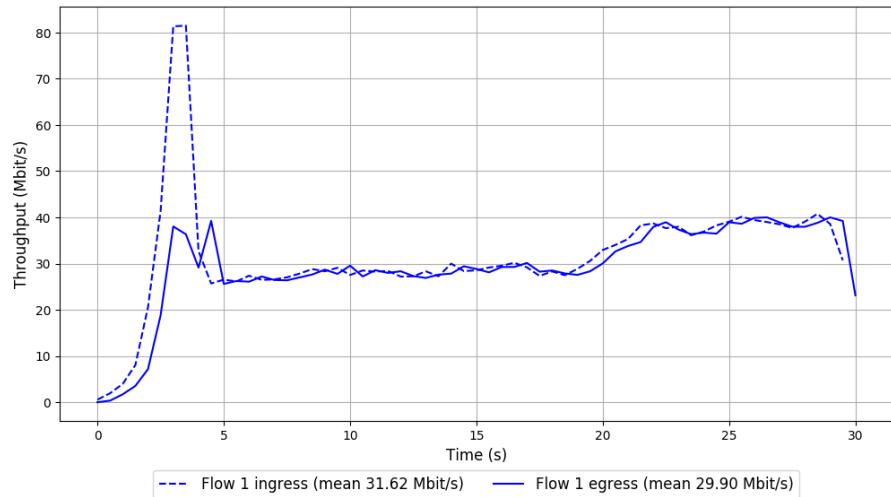


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-07-18 05:43:18
End at: 2018-07-18 05:43:48
Local clock offset: 0.903 ms
Remote clock offset: 1.183 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.90 Mbit/s
95th percentile per-packet one-way delay: 78.610 ms
Loss rate: 5.96%
-- Flow 1:
Average throughput: 29.90 Mbit/s
95th percentile per-packet one-way delay: 78.610 ms
Loss rate: 5.96%
```

Run 10: Report of PCC-Vivace — Data Link

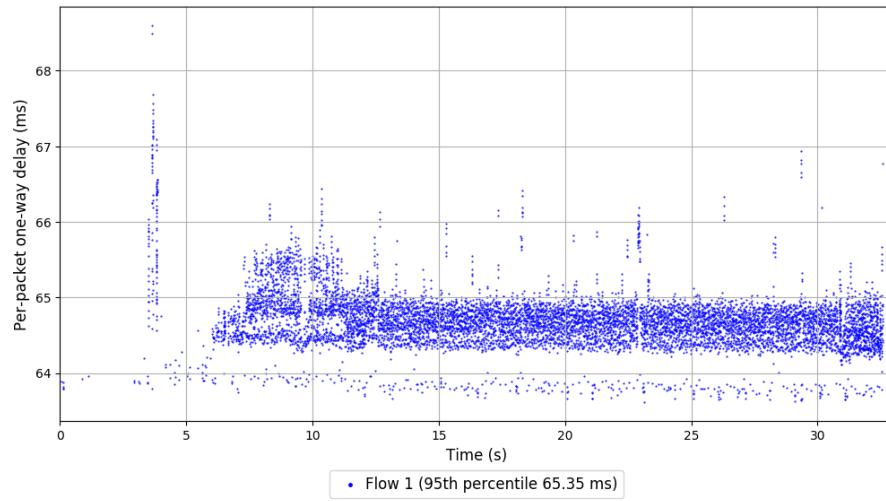
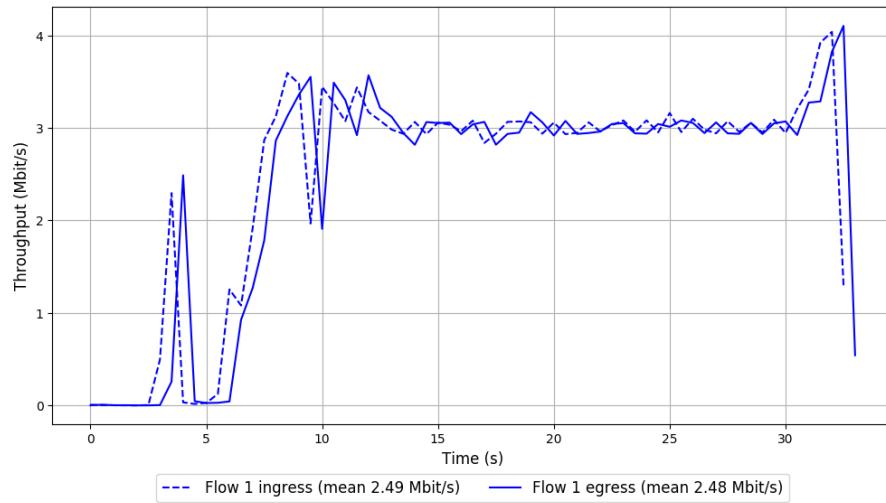


```
Run 1: Statistics of WebRTC media

Start at: 2018-07-18 01:12:31
End at: 2018-07-18 01:13:01
Local clock offset: 1.918 ms
Remote clock offset: 0.556 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: 65.346 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: 65.346 ms
Loss rate: 1.05%
```

Run 1: Report of WebRTC media — Data Link

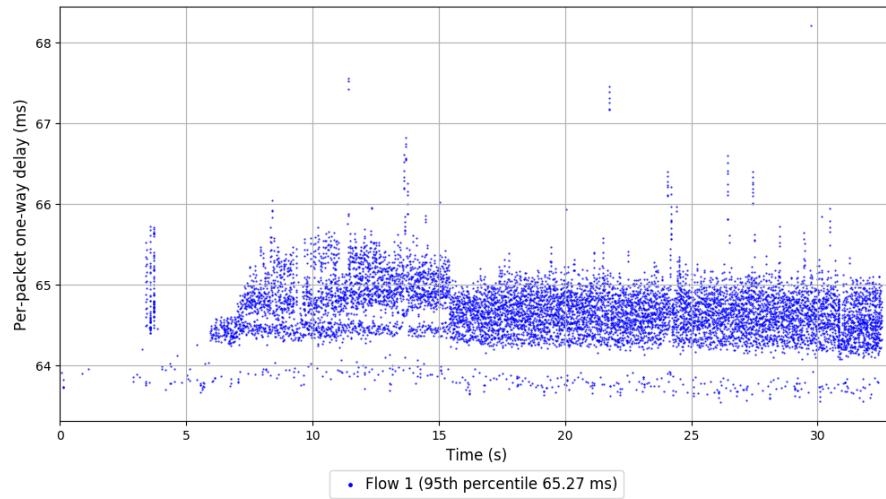
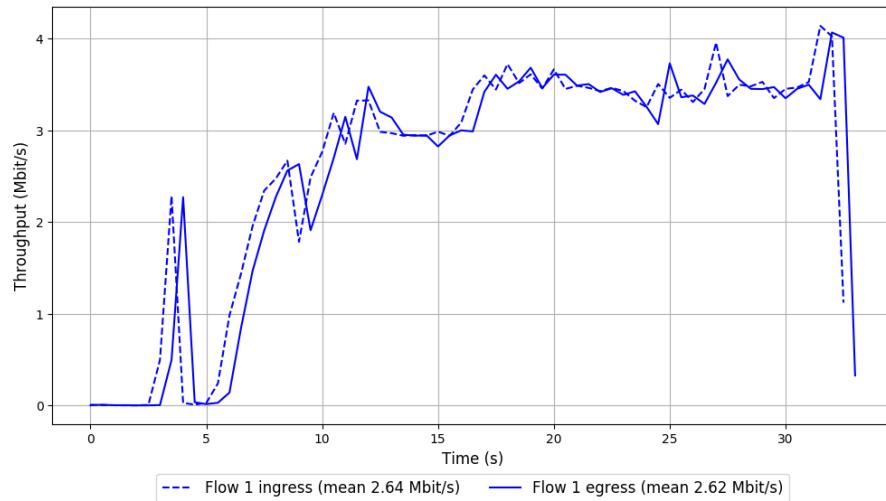


Run 2: Statistics of WebRTC media

```
Start at: 2018-07-18 01:40:28
End at: 2018-07-18 01:40:58
Local clock offset: 3.87 ms
Remote clock offset: 1.189 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: 65.269 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: 65.269 ms
Loss rate: 1.15%
```

Run 2: Report of WebRTC media — Data Link

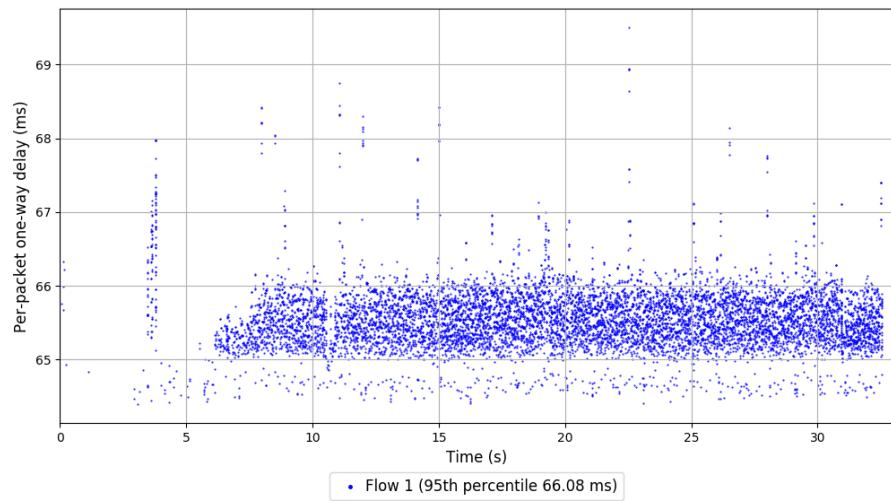
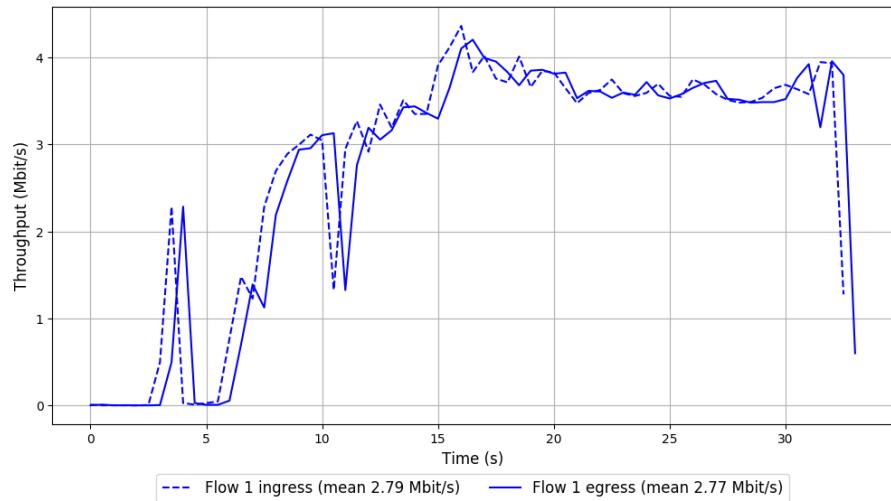


```
Run 3: Statistics of WebRTC media

Start at: 2018-07-18 02:09:41
End at: 2018-07-18 02:10:11
Local clock offset: 7.622 ms
Remote clock offset: 1.792 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.77 Mbit/s
95th percentile per-packet one-way delay: 66.082 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 2.77 Mbit/s
95th percentile per-packet one-way delay: 66.082 ms
Loss rate: 1.18%
```

Run 3: Report of WebRTC media — Data Link

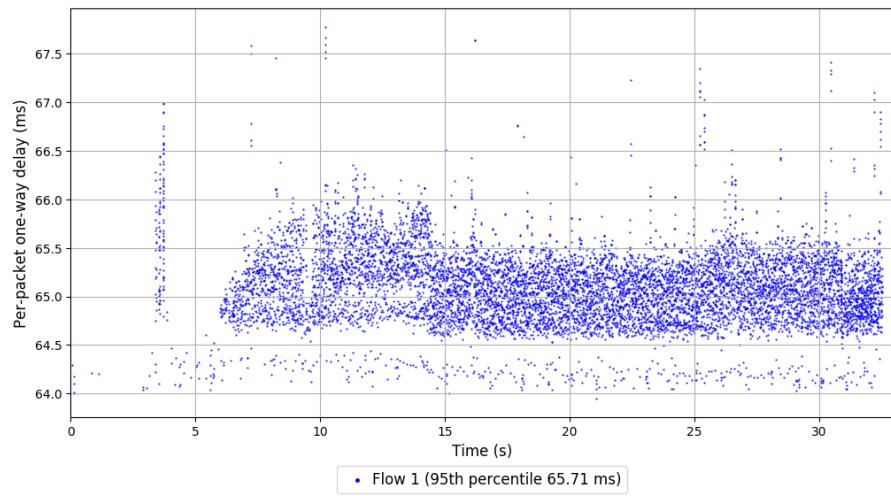
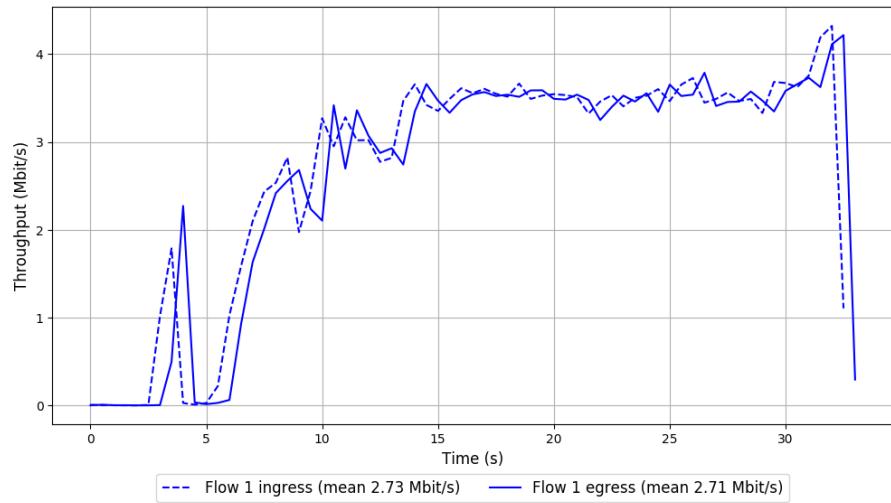


Run 4: Statistics of WebRTC media

```
Start at: 2018-07-18 02:37:30
End at: 2018-07-18 02:38:00
Local clock offset: 5.329 ms
Remote clock offset: 2.418 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.71 Mbit/s
95th percentile per-packet one-way delay: 65.711 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 2.71 Mbit/s
95th percentile per-packet one-way delay: 65.711 ms
Loss rate: 1.30%
```

Run 4: Report of WebRTC media — Data Link

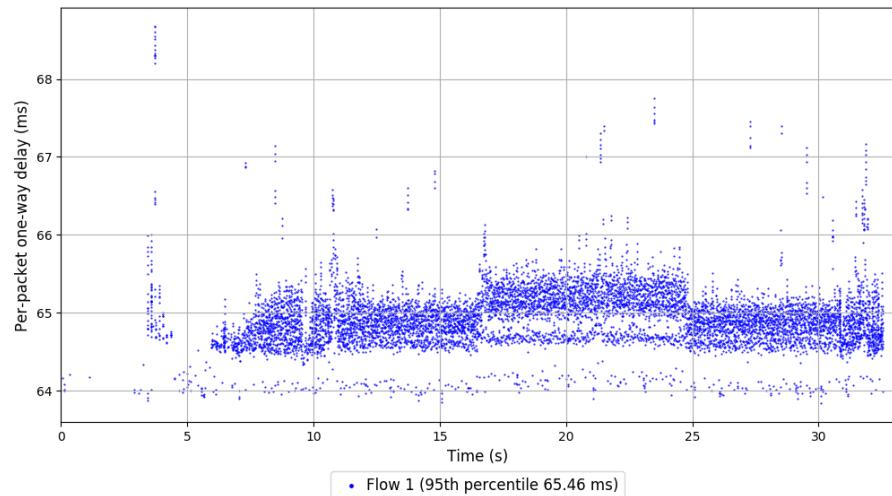
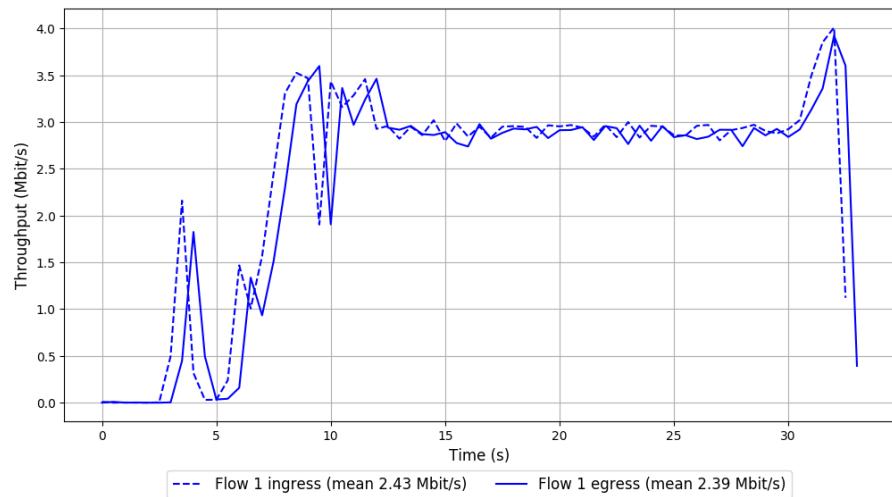


Run 5: Statistics of WebRTC media

```
Start at: 2018-07-18 03:06:20
End at: 2018-07-18 03:06:50
Local clock offset: 7.007 ms
Remote clock offset: 2.532 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 65.460 ms
Loss rate: 2.11%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 65.460 ms
Loss rate: 2.11%
```

Run 5: Report of WebRTC media — Data Link

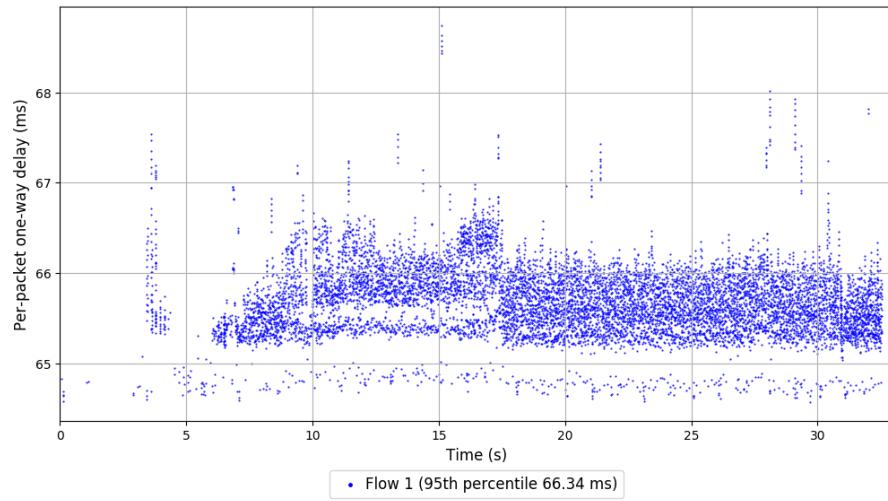
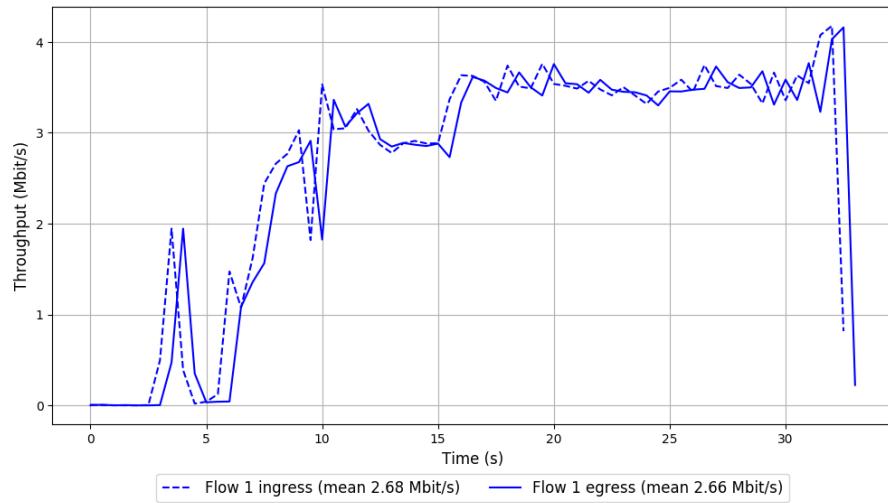


Run 6: Statistics of WebRTC media

```
Start at: 2018-07-18 03:35:30
End at: 2018-07-18 03:36:00
Local clock offset: 6.857 ms
Remote clock offset: 2.571 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: 66.338 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: 66.338 ms
Loss rate: 1.20%
```

Run 6: Report of WebRTC media — Data Link

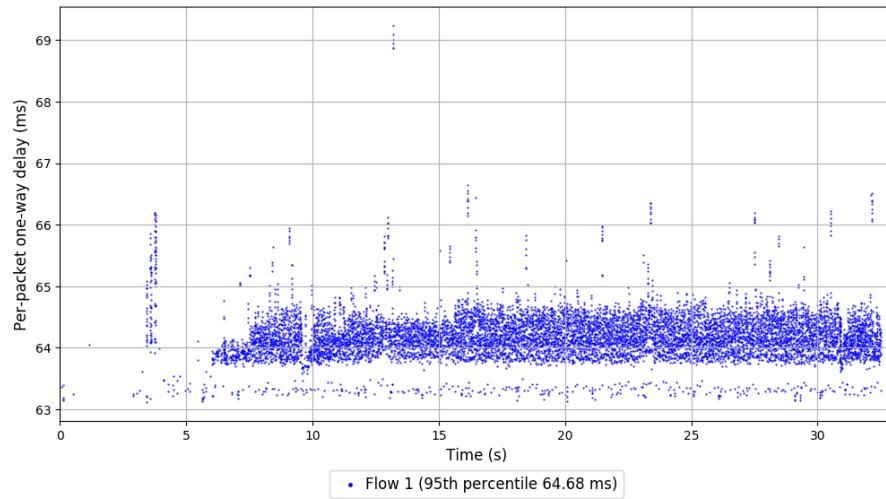
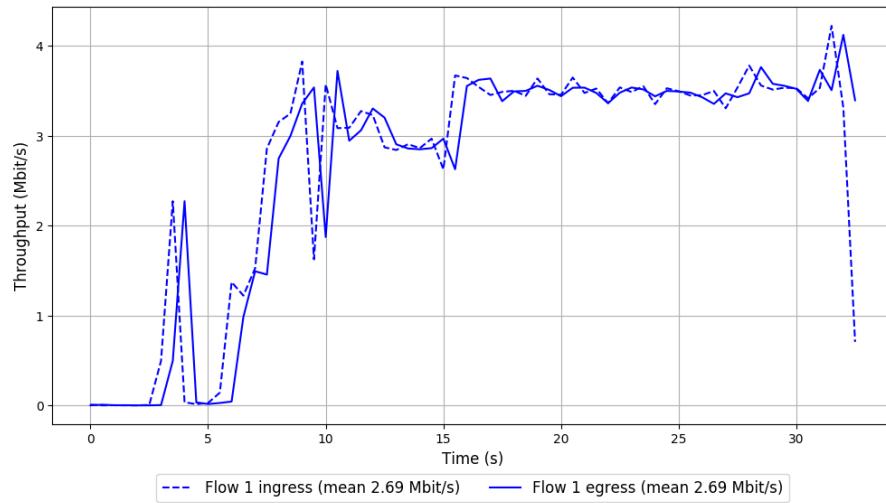


Run 7: Statistics of WebRTC media

```
Start at: 2018-07-18 04:03:25
End at: 2018-07-18 04:03:55
Local clock offset: 6.707 ms
Remote clock offset: 2.381 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.69 Mbit/s
95th percentile per-packet one-way delay: 64.681 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 2.69 Mbit/s
95th percentile per-packet one-way delay: 64.681 ms
Loss rate: 0.77%
```

Run 7: Report of WebRTC media — Data Link

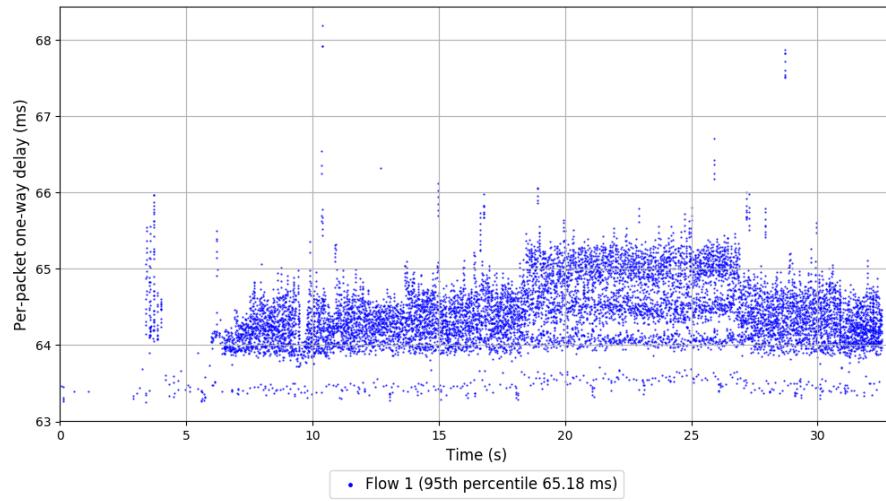
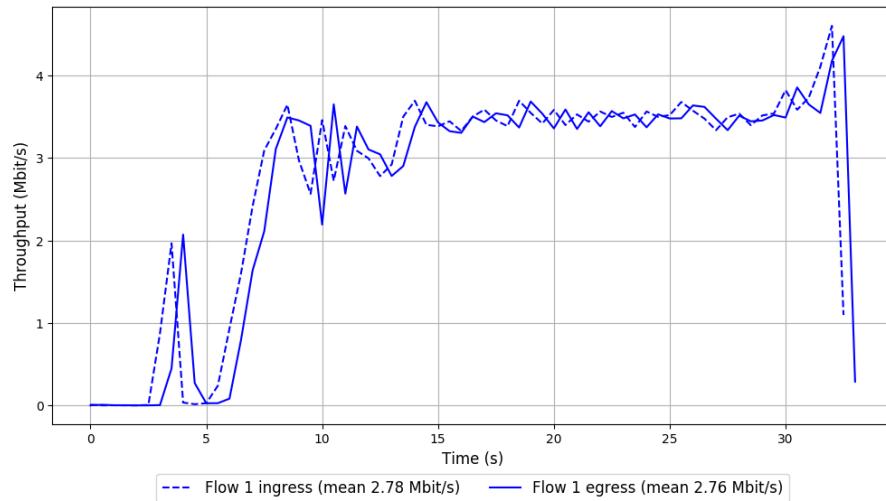


Run 8: Statistics of WebRTC media

```
Start at: 2018-07-18 04:29:53
End at: 2018-07-18 04:30:23
Local clock offset: 4.566 ms
Remote clock offset: 2.054 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 65.181 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 65.181 ms
Loss rate: 1.12%
```

Run 8: Report of WebRTC media — Data Link

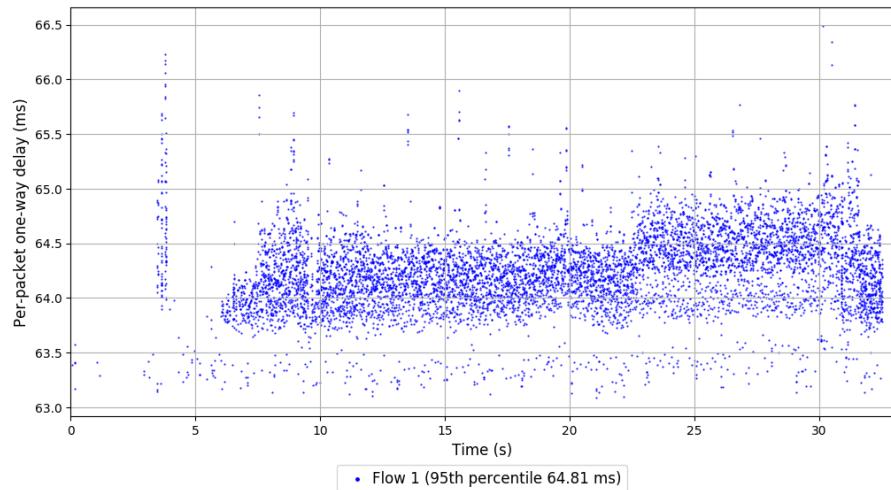
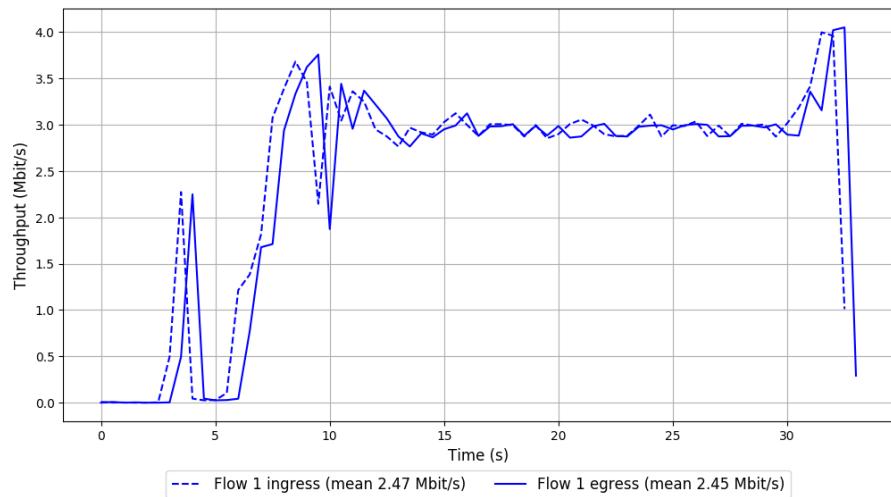


Run 9: Statistics of WebRTC media

```
Start at: 2018-07-18 04:58:50
End at: 2018-07-18 04:59:20
Local clock offset: 5.691 ms
Remote clock offset: 1.828 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 64.810 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 64.810 ms
Loss rate: 1.06%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: 2018-07-18 05:26:53
End at: 2018-07-18 05:27:23
Local clock offset: 1.745 ms
Remote clock offset: 1.46 ms

# Below is generated by plot.py at 2018-07-18 05:58:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 64.917 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 64.917 ms
Loss rate: 1.22%
```

Run 10: Report of WebRTC media — Data Link

