

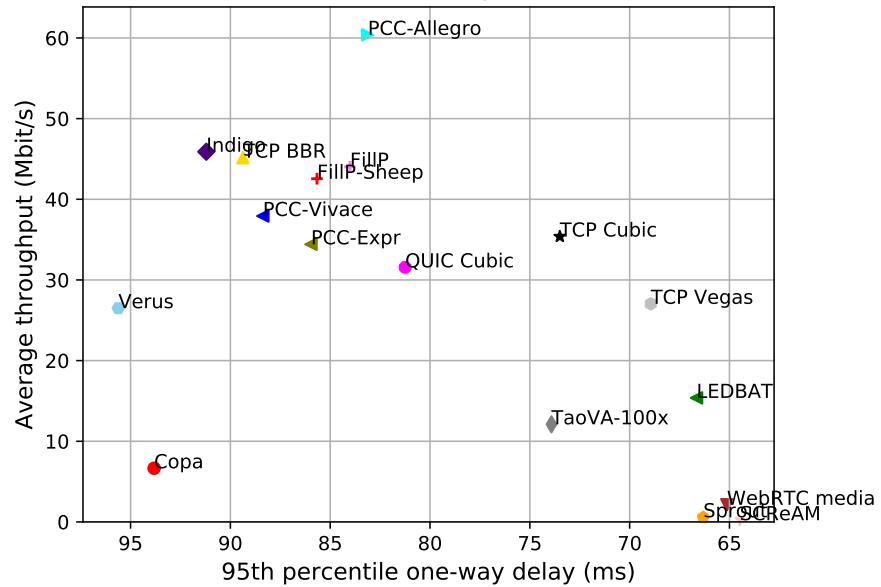
Pantheon Report

Generated at 2018-07-10 16:09:03 (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.

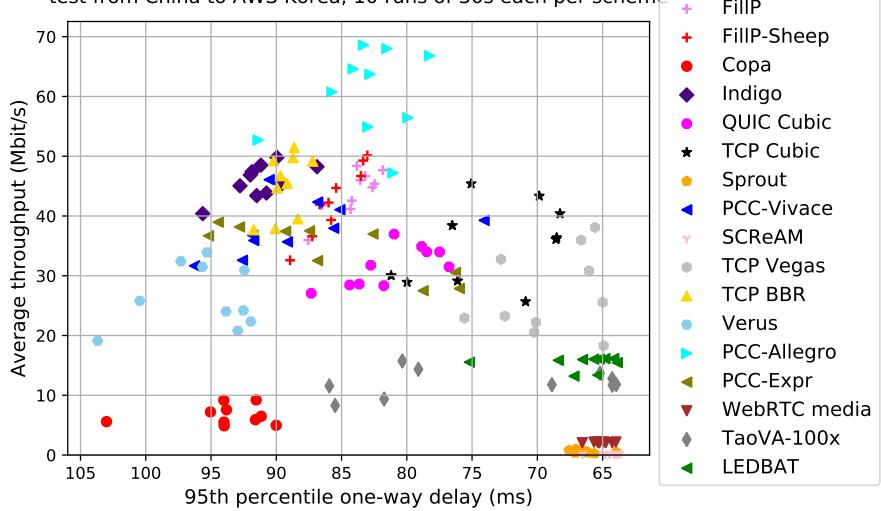
Git summary:

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

test from 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



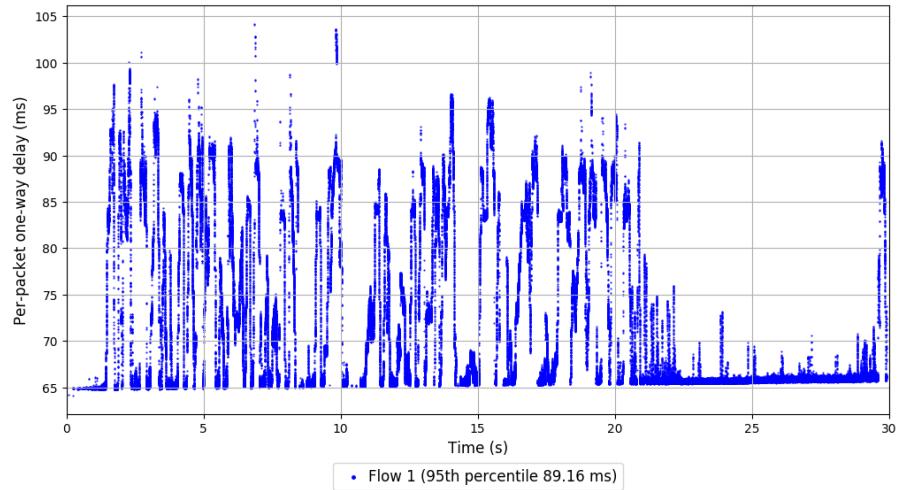
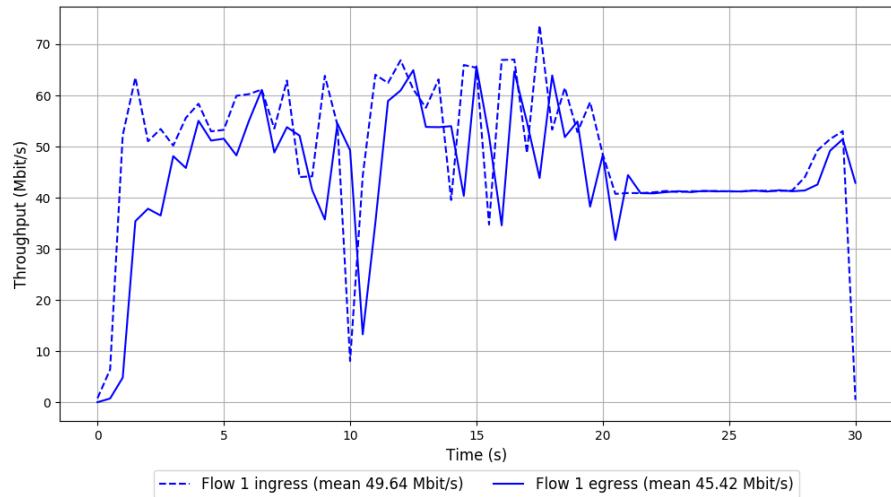
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	45.16	89.37	9.79
Copa	10	6.65	93.82	27.06
TCP Cubic	10	35.38	73.50	0.82
FillP	10	44.04	84.01	25.54
FillP-Sheep	10	42.55	85.66	36.28
Indigo	10	45.89	91.21	18.31
LEDBAT	10	15.38	66.65	0.99
PCC-Allegro	10	60.38	83.12	3.80
PCC-Expr	10	34.42	85.96	5.69
QUIC Cubic	10	31.56	81.25	3.78
SCReAM	10	0.22	64.49	0.50
Sprout	10	0.58	66.31	0.49
TaoVA-100x	10	12.10	73.92	2.56
TCP Vegas	10	27.04	68.94	0.77
Verus	10	26.50	95.61	25.86
PCC-Vivace	10	37.92	88.37	4.17
WebRTC media	10	2.12	65.13	0.63

Run 1: Statistics of TCP BBR

```
Start at: 2018-07-10 12:36:12
End at: 2018-07-10 12:36:42
Local clock offset: -0.973 ms
Remote clock offset: 21.338 ms

# Below is generated by plot.py at 2018-07-10 16:00:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.42 Mbit/s
95th percentile per-packet one-way delay: 89.164 ms
Loss rate: 8.98%
-- Flow 1:
Average throughput: 45.42 Mbit/s
95th percentile per-packet one-way delay: 89.164 ms
Loss rate: 8.98%
```

Run 1: Report of TCP BBR — Data Link

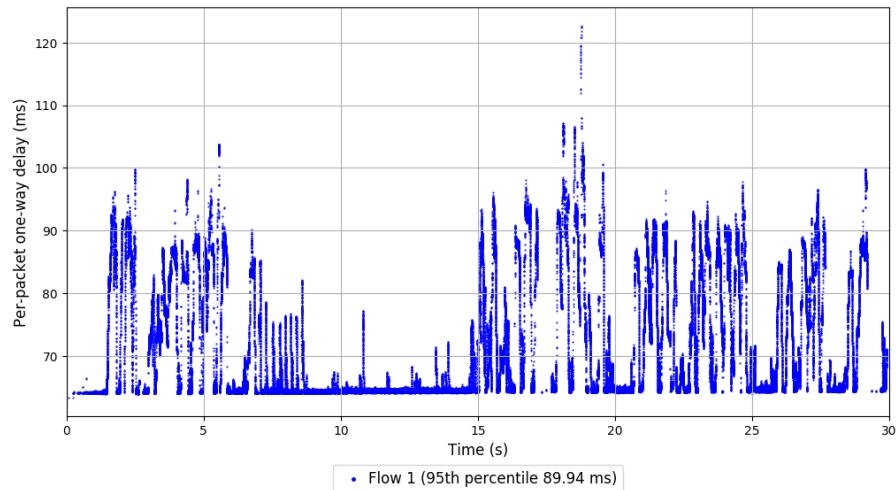
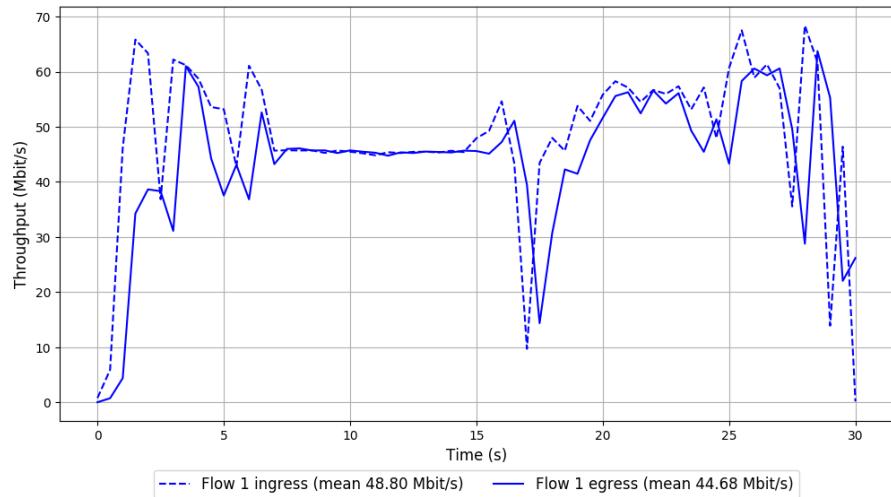


Run 2: Statistics of TCP BBR

```
Start at: 2018-07-10 12:58:29
End at: 2018-07-10 12:58:59
Local clock offset: -1.014 ms
Remote clock offset: 45.321 ms

# Below is generated by plot.py at 2018-07-10 16:00:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.68 Mbit/s
95th percentile per-packet one-way delay: 89.935 ms
Loss rate: 8.90%
-- Flow 1:
Average throughput: 44.68 Mbit/s
95th percentile per-packet one-way delay: 89.935 ms
Loss rate: 8.90%
```

Run 2: Report of TCP BBR — Data Link

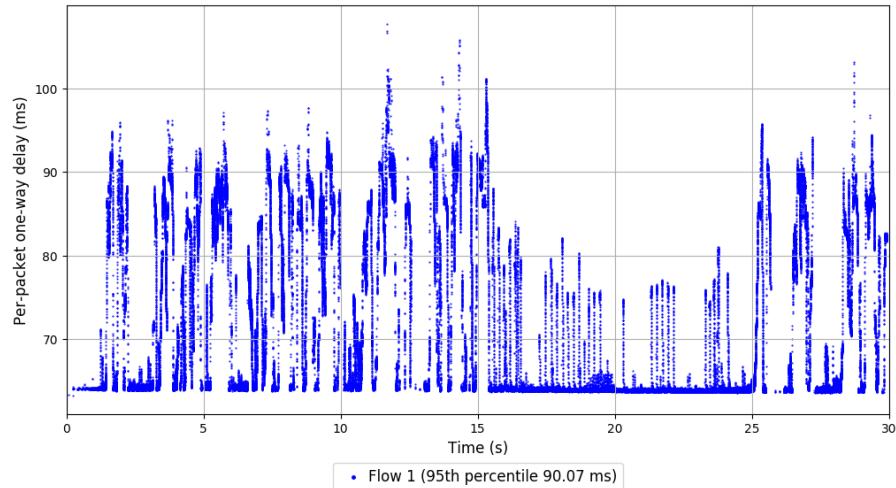
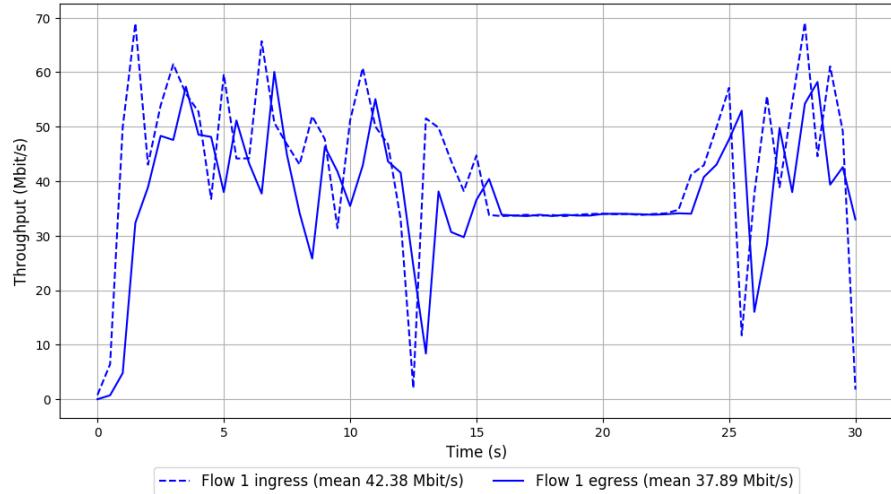


Run 3: Statistics of TCP BBR

```
Start at: 2018-07-10 13:20:42
End at: 2018-07-10 13:21:12
Local clock offset: -0.782 ms
Remote clock offset: 4.565 ms

# Below is generated by plot.py at 2018-07-10 16:00:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.89 Mbit/s
95th percentile per-packet one-way delay: 90.071 ms
Loss rate: 11.08%
-- Flow 1:
Average throughput: 37.89 Mbit/s
95th percentile per-packet one-way delay: 90.071 ms
Loss rate: 11.08%
```

Run 3: Report of TCP BBR — Data Link

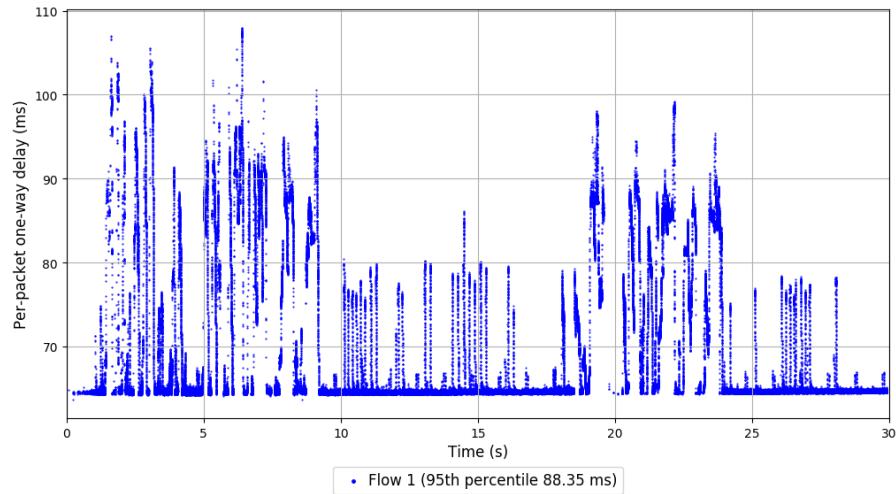
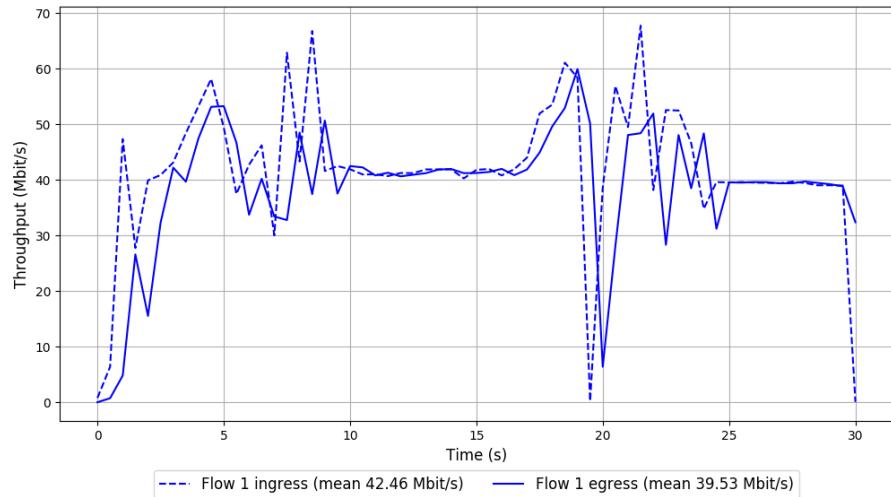


Run 4: Statistics of TCP BBR

```
Start at: 2018-07-10 13:42:54
End at: 2018-07-10 13:43:24
Local clock offset: -0.346 ms
Remote clock offset: 5.056 ms

# Below is generated by plot.py at 2018-07-10 16:00:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: 88.353 ms
Loss rate: 7.38%
-- Flow 1:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: 88.353 ms
Loss rate: 7.38%
```

Run 4: Report of TCP BBR — Data Link

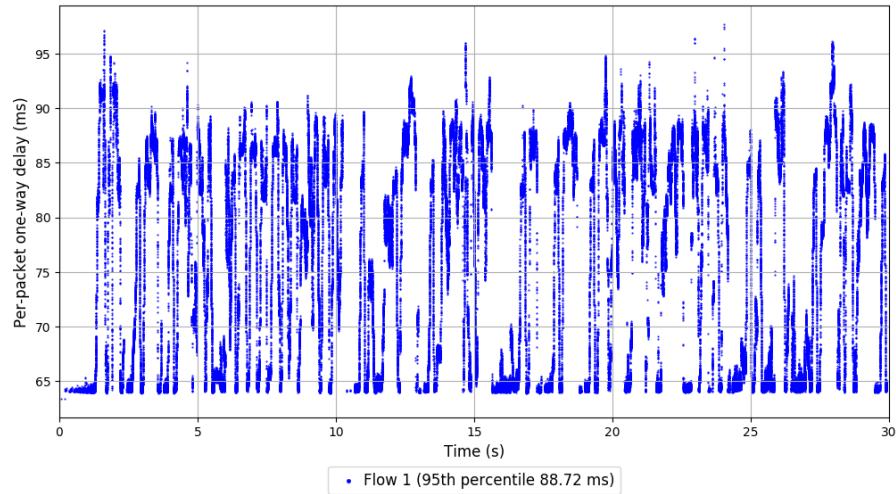
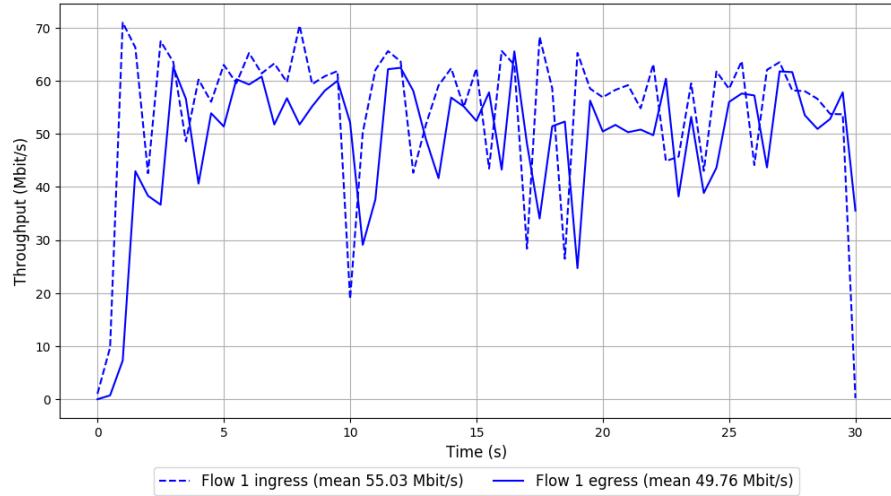


Run 5: Statistics of TCP BBR

```
Start at: 2018-07-10 14:05:05
End at: 2018-07-10 14:05:35
Local clock offset: -0.264 ms
Remote clock offset: 11.394 ms

# Below is generated by plot.py at 2018-07-10 16:00:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.76 Mbit/s
95th percentile per-packet one-way delay: 88.723 ms
Loss rate: 10.02%
-- Flow 1:
Average throughput: 49.76 Mbit/s
95th percentile per-packet one-way delay: 88.723 ms
Loss rate: 10.02%
```

Run 5: Report of TCP BBR — Data Link

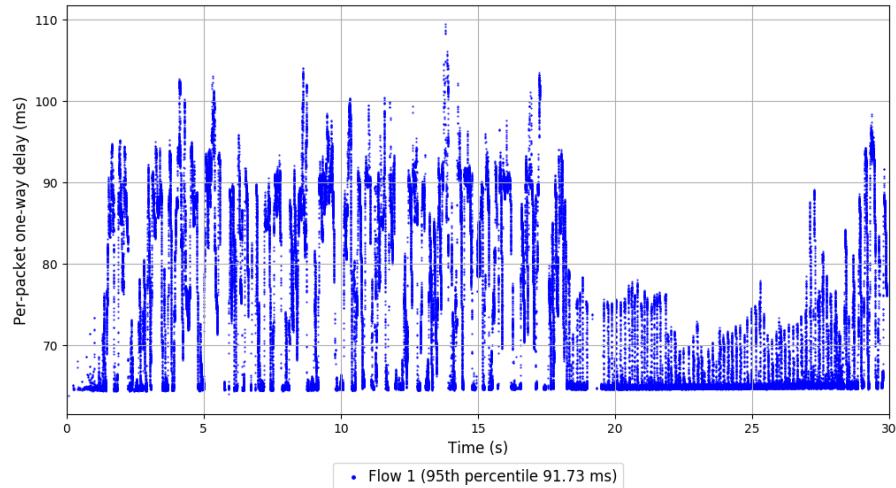
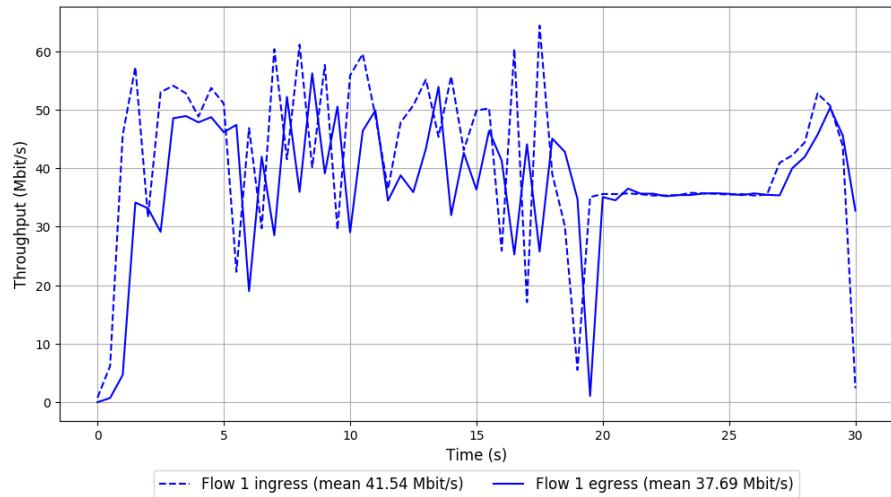


Run 6: Statistics of TCP BBR

```
Start at: 2018-07-10 14:27:18
End at: 2018-07-10 14:27:48
Local clock offset: -0.03 ms
Remote clock offset: 34.311 ms

# Below is generated by plot.py at 2018-07-10 16:00:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.69 Mbit/s
95th percentile per-packet one-way delay: 91.727 ms
Loss rate: 9.80%
-- Flow 1:
Average throughput: 37.69 Mbit/s
95th percentile per-packet one-way delay: 91.727 ms
Loss rate: 9.80%
```

Run 6: Report of TCP BBR — Data Link

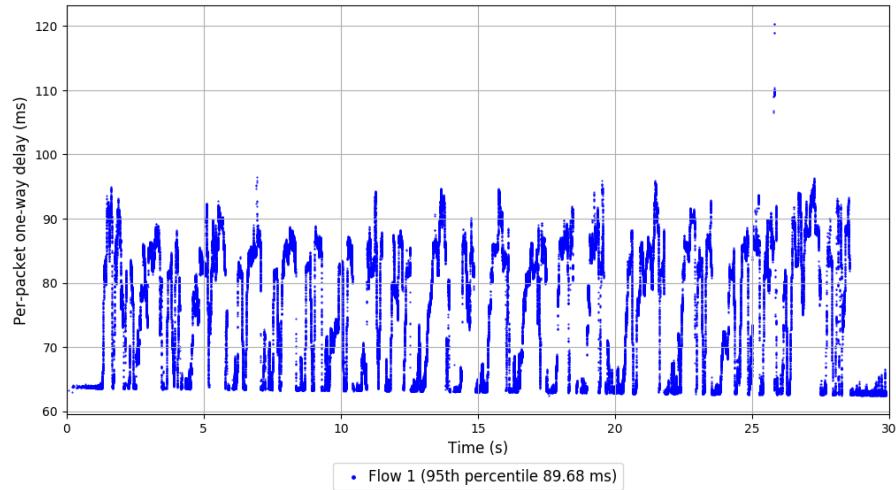
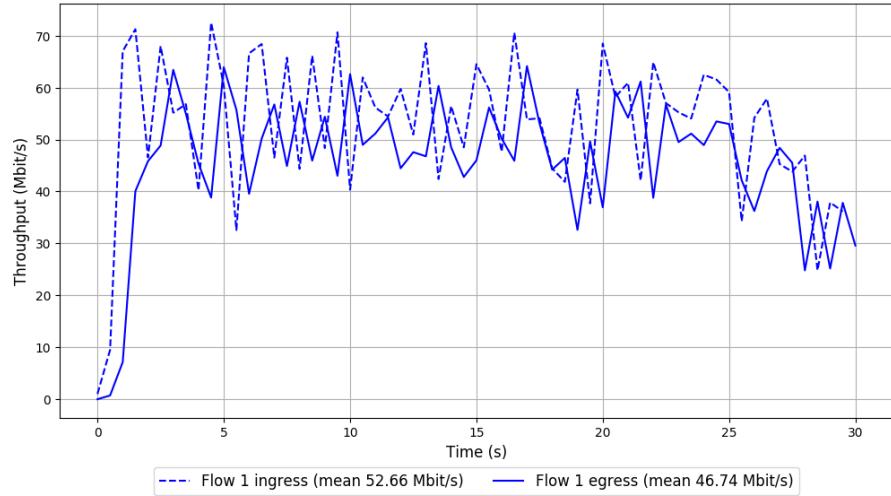


Run 7: Statistics of TCP BBR

```
Start at: 2018-07-10 14:49:32
End at: 2018-07-10 14:50:02
Local clock offset: 0.109 ms
Remote clock offset: 25.122 ms

# Below is generated by plot.py at 2018-07-10 16:00:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.74 Mbit/s
95th percentile per-packet one-way delay: 89.680 ms
Loss rate: 11.69%
-- Flow 1:
Average throughput: 46.74 Mbit/s
95th percentile per-packet one-way delay: 89.680 ms
Loss rate: 11.69%
```

Run 7: Report of TCP BBR — Data Link

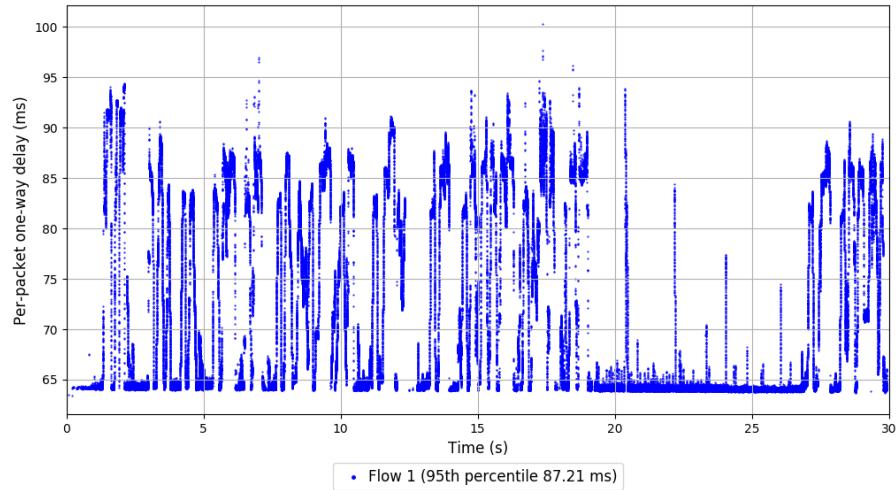
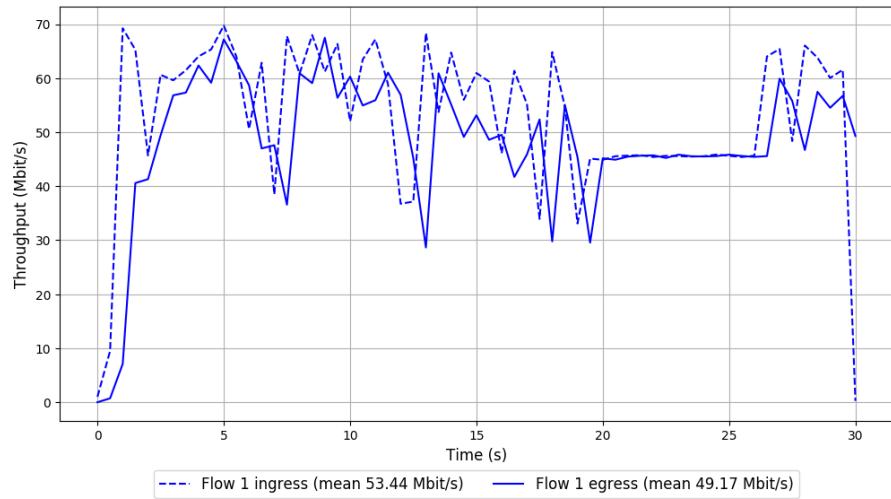


Run 8: Statistics of TCP BBR

```
Start at: 2018-07-10 15:11:49
End at: 2018-07-10 15:12:19
Local clock offset: 0.118 ms
Remote clock offset: 0.12 ms

# Below is generated by plot.py at 2018-07-10 16:00:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.17 Mbit/s
95th percentile per-packet one-way delay: 87.209 ms
Loss rate: 8.44%
-- Flow 1:
Average throughput: 49.17 Mbit/s
95th percentile per-packet one-way delay: 87.209 ms
Loss rate: 8.44%
```

Run 8: Report of TCP BBR — Data Link

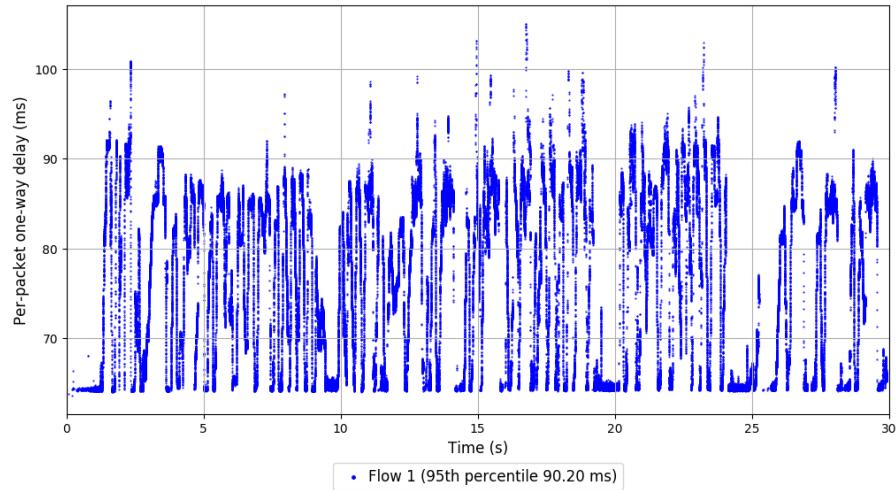
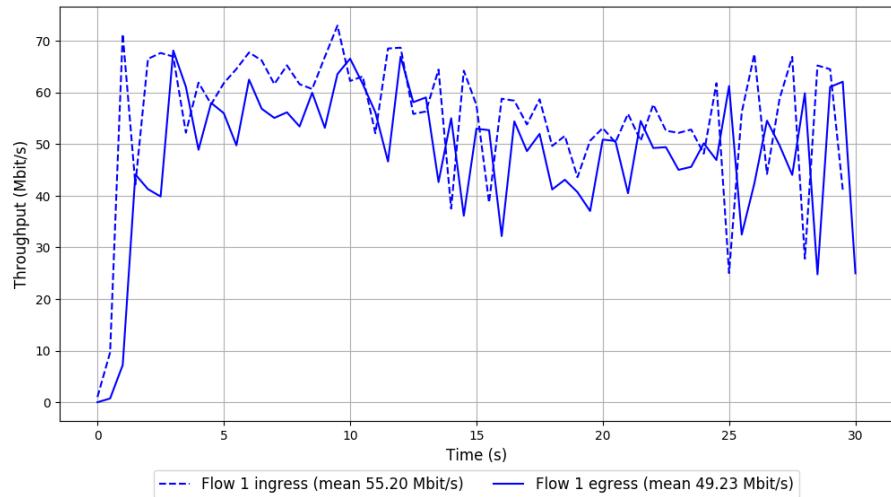


Run 9: Statistics of TCP BBR

```
Start at: 2018-07-10 15:34:05
End at: 2018-07-10 15:34:35
Local clock offset: 0.092 ms
Remote clock offset: 8.567 ms

# Below is generated by plot.py at 2018-07-10 16:00:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.23 Mbit/s
95th percentile per-packet one-way delay: 90.204 ms
Loss rate: 11.28%
-- Flow 1:
Average throughput: 49.23 Mbit/s
95th percentile per-packet one-way delay: 90.204 ms
Loss rate: 11.28%
```

Run 9: Report of TCP BBR — Data Link

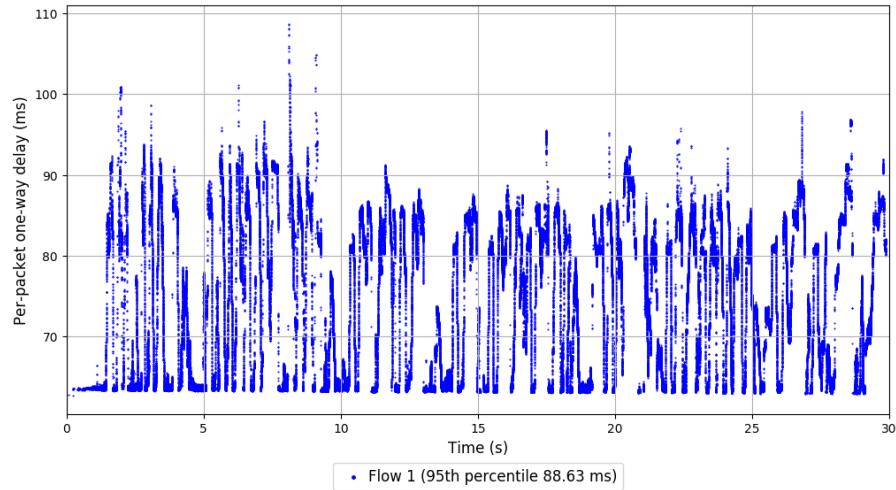
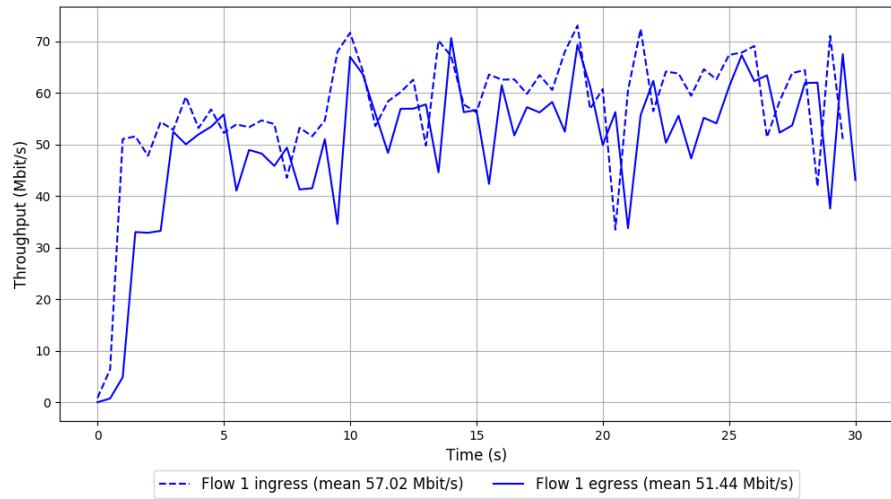


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2018-07-10 15:56:21
End at: 2018-07-10 15:56:51
Local clock offset: 0.017 ms
Remote clock offset: 4.686 ms

# Below is generated by plot.py at 2018-07-10 16:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.44 Mbit/s
95th percentile per-packet one-way delay: 88.630 ms
Loss rate: 10.29%
-- Flow 1:
Average throughput: 51.44 Mbit/s
95th percentile per-packet one-way delay: 88.630 ms
Loss rate: 10.29%
```

Run 10: Report of TCP BBR — Data Link

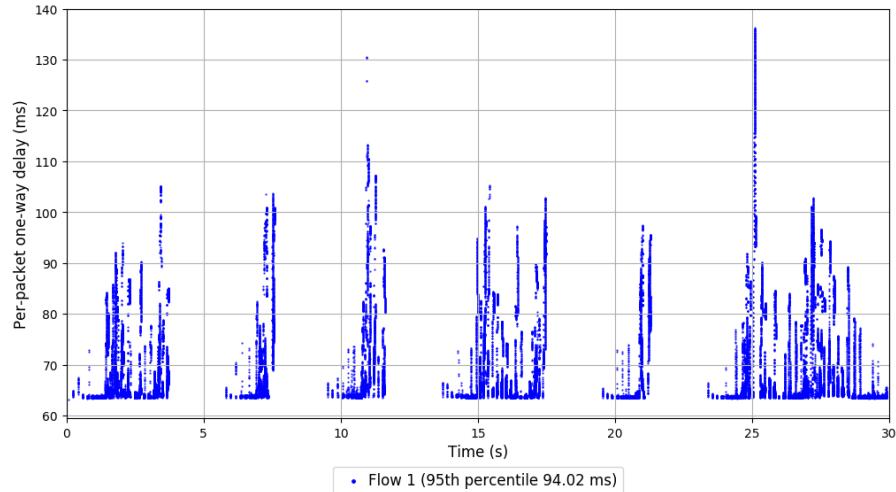
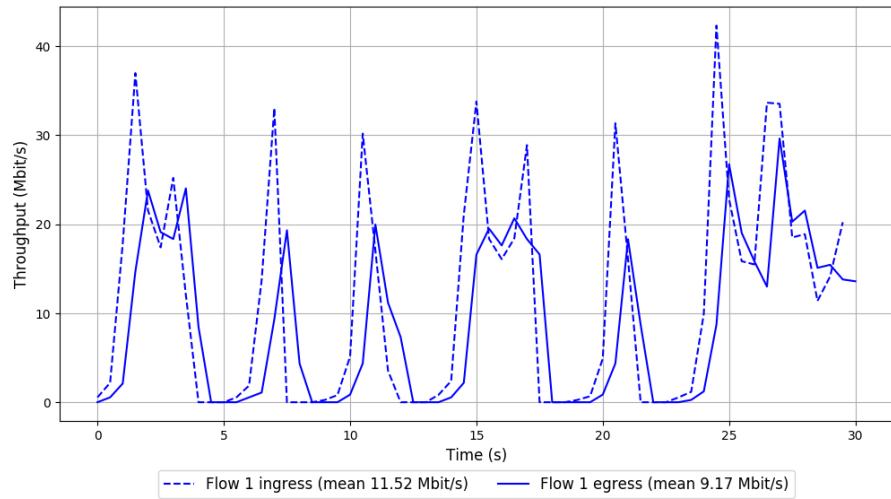


Run 1: Statistics of Copa

```
Start at: 2018-07-10 12:20:31
End at: 2018-07-10 12:21:01
Local clock offset: -1.125 ms
Remote clock offset: -2.862 ms

# Below is generated by plot.py at 2018-07-10 16:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 94.023 ms
Loss rate: 20.77%
-- Flow 1:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 94.023 ms
Loss rate: 20.77%
```

Run 1: Report of Copa — Data Link

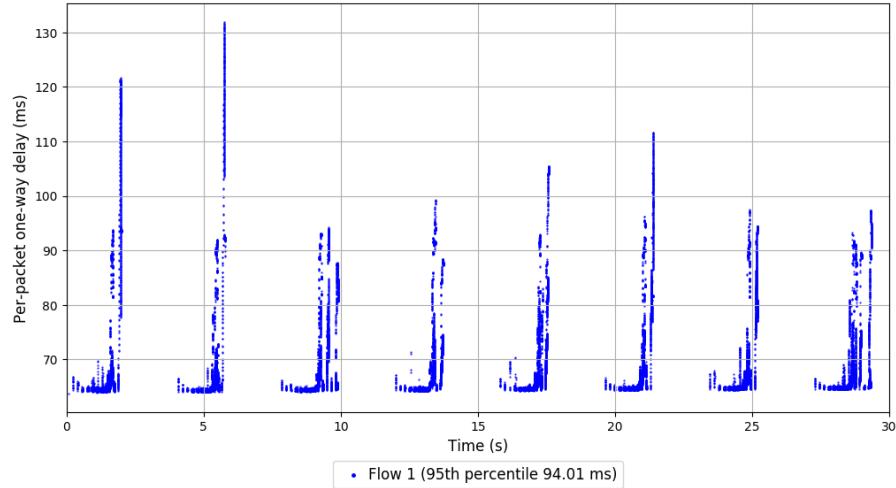
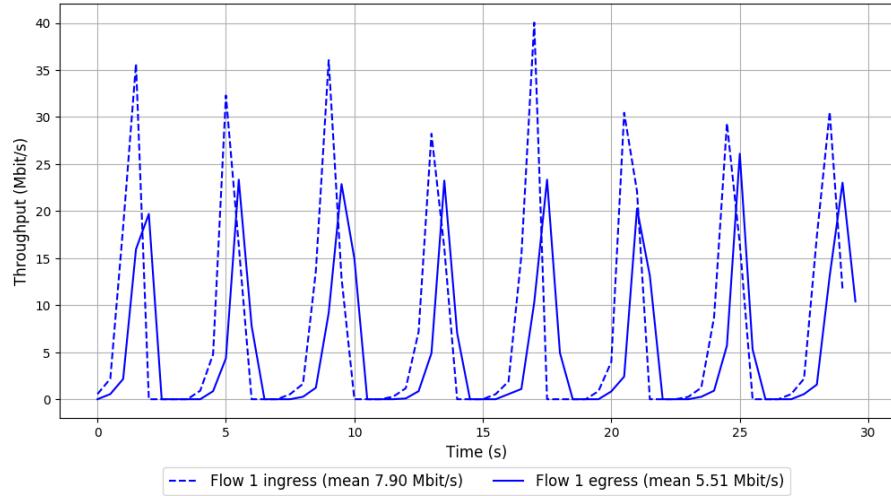


Run 2: Statistics of Copa

```
Start at: 2018-07-10 12:42:44
End at: 2018-07-10 12:43:14
Local clock offset: -0.958 ms
Remote clock offset: 31.404 ms

# Below is generated by plot.py at 2018-07-10 16:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.51 Mbit/s
95th percentile per-packet one-way delay: 94.012 ms
Loss rate: 30.10%
-- Flow 1:
Average throughput: 5.51 Mbit/s
95th percentile per-packet one-way delay: 94.012 ms
Loss rate: 30.10%
```

Run 2: Report of Copa — Data Link

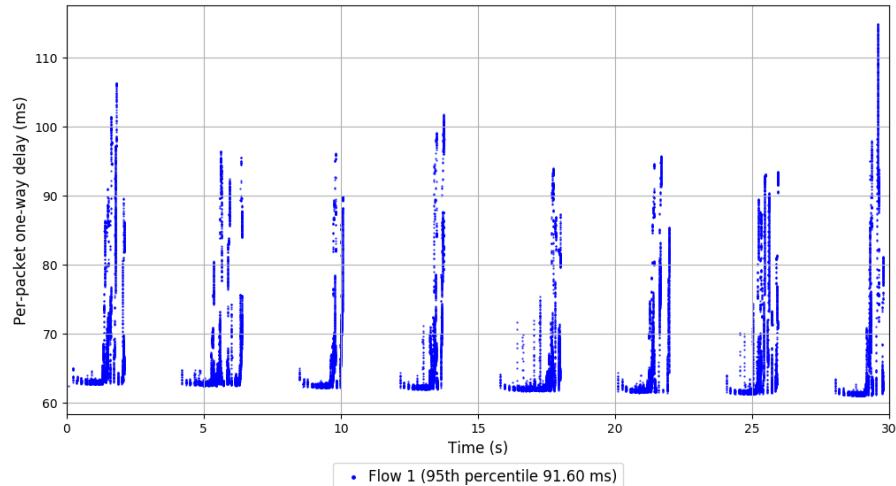
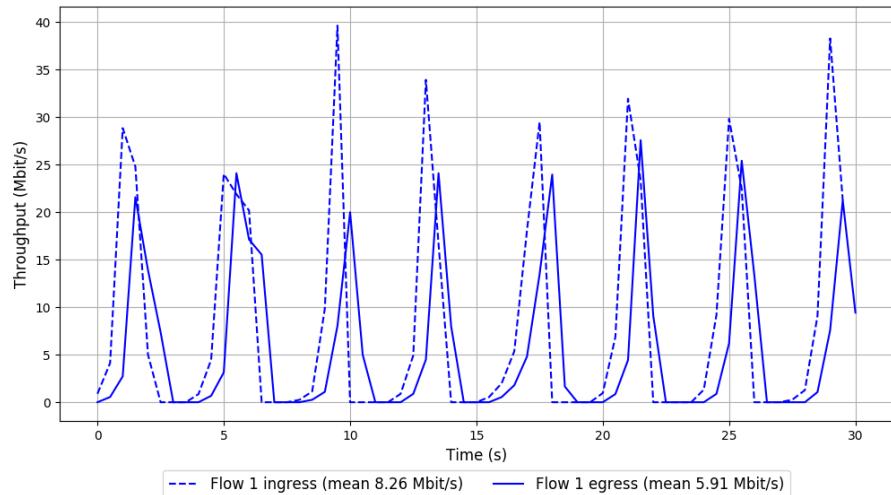


Run 3: Statistics of Copa

```
Start at: 2018-07-10 13:05:00
End at: 2018-07-10 13:05:30
Local clock offset: -0.976 ms
Remote clock offset: 32.848 ms

# Below is generated by plot.py at 2018-07-10 16:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.91 Mbit/s
95th percentile per-packet one-way delay: 91.600 ms
Loss rate: 28.76%
-- Flow 1:
Average throughput: 5.91 Mbit/s
95th percentile per-packet one-way delay: 91.600 ms
Loss rate: 28.76%
```

Run 3: Report of Copa — Data Link

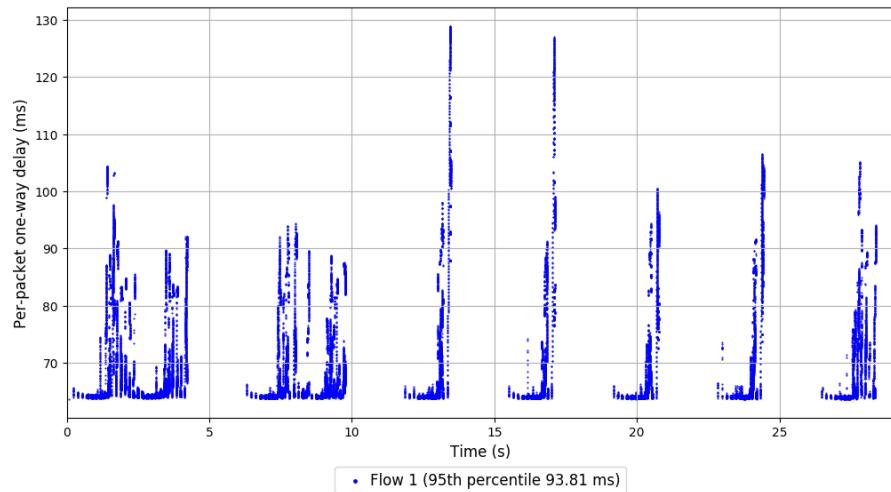
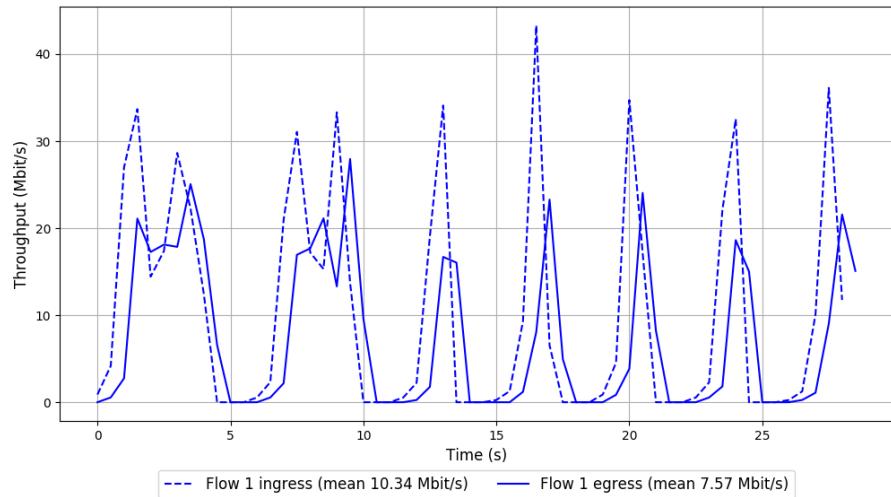


Run 4: Statistics of Copa

```
Start at: 2018-07-10 13:27:13
End at: 2018-07-10 13:27:43
Local clock offset: -0.574 ms
Remote clock offset: 1.271 ms

# Below is generated by plot.py at 2018-07-10 16:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.57 Mbit/s
95th percentile per-packet one-way delay: 93.815 ms
Loss rate: 26.71%
-- Flow 1:
Average throughput: 7.57 Mbit/s
95th percentile per-packet one-way delay: 93.815 ms
Loss rate: 26.71%
```

Run 4: Report of Copa — Data Link

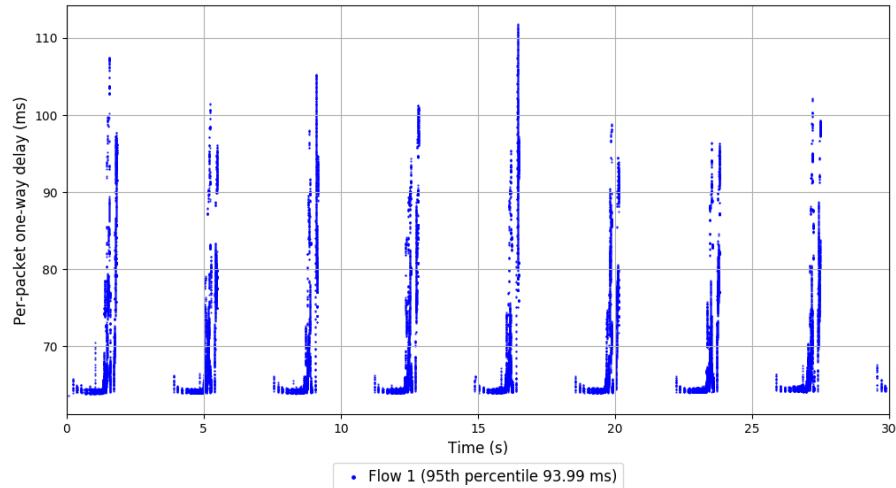
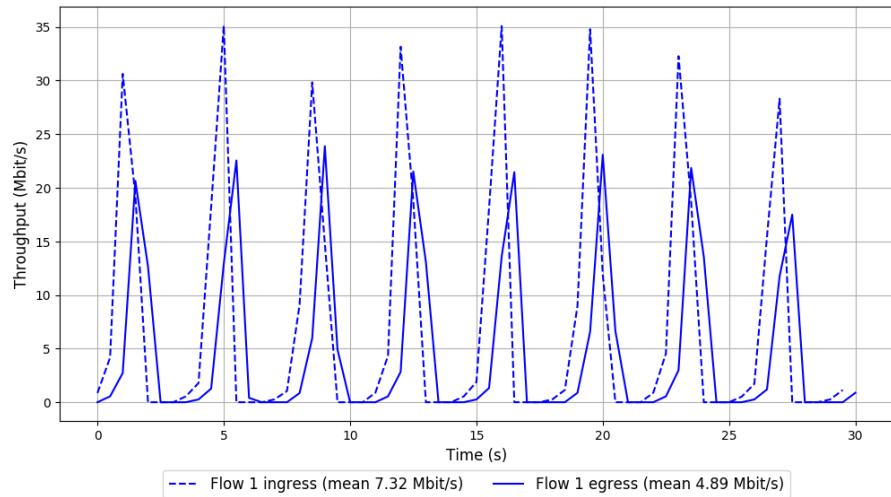


Run 5: Statistics of Copa

```
Start at: 2018-07-10 13:49:25
End at: 2018-07-10 13:49:55
Local clock offset: -0.526 ms
Remote clock offset: 7.967 ms

# Below is generated by plot.py at 2018-07-10 16:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.89 Mbit/s
95th percentile per-packet one-way delay: 93.988 ms
Loss rate: 33.54%
-- Flow 1:
Average throughput: 4.89 Mbit/s
95th percentile per-packet one-way delay: 93.988 ms
Loss rate: 33.54%
```

Run 5: Report of Copa — Data Link

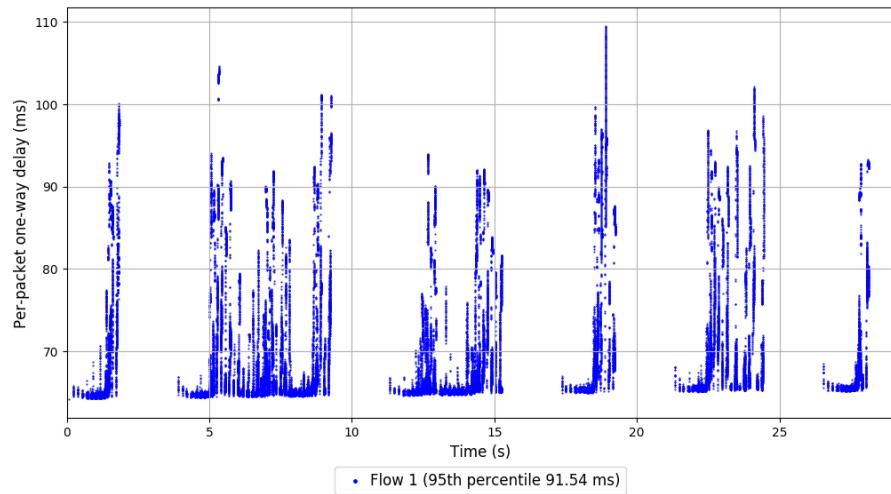
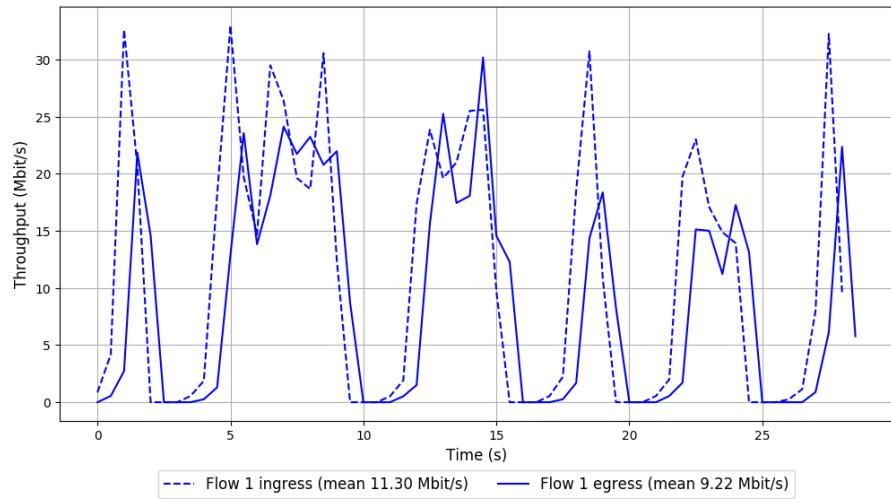


Run 6: Statistics of Copa

```
Start at: 2018-07-10 14:11:38
End at: 2018-07-10 14:12:08
Local clock offset: -0.256 ms
Remote clock offset: 15.52 ms

# Below is generated by plot.py at 2018-07-10 16:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.22 Mbit/s
95th percentile per-packet one-way delay: 91.539 ms
Loss rate: 18.31%
-- Flow 1:
Average throughput: 9.22 Mbit/s
95th percentile per-packet one-way delay: 91.539 ms
Loss rate: 18.31%
```

Run 6: Report of Copa — Data Link

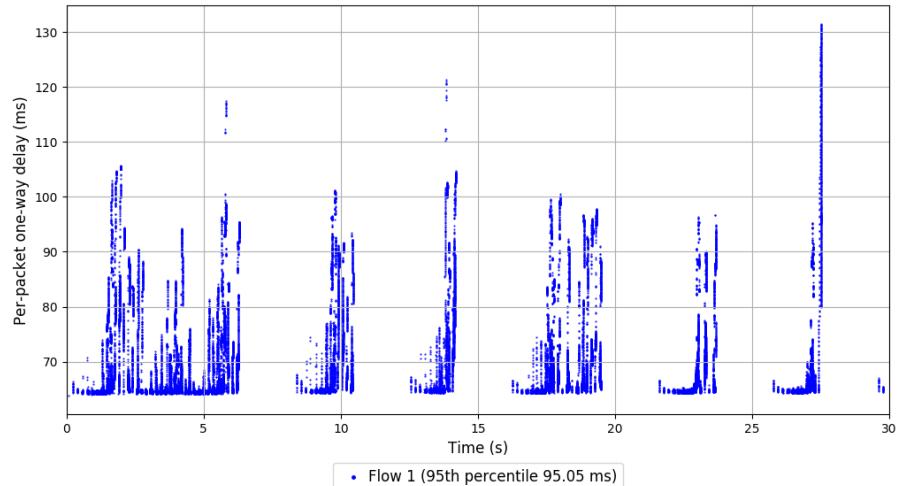
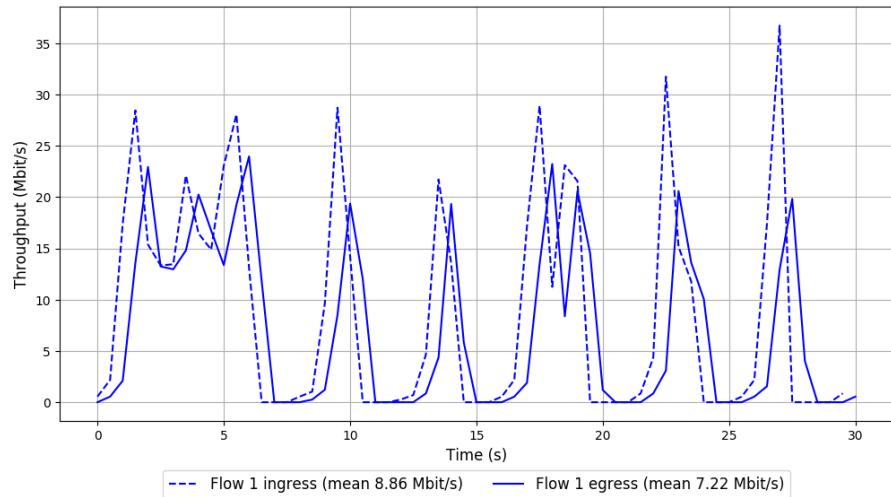


Run 7: Statistics of Copa

```
Start at: 2018-07-10 14:33:48
End at: 2018-07-10 14:34:18
Local clock offset: 0.072 ms
Remote clock offset: 38.166 ms

# Below is generated by plot.py at 2018-07-10 16:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.22 Mbit/s
95th percentile per-packet one-way delay: 95.048 ms
Loss rate: 19.08%
-- Flow 1:
Average throughput: 7.22 Mbit/s
95th percentile per-packet one-way delay: 95.048 ms
Loss rate: 19.08%
```

Run 7: Report of Copa — Data Link

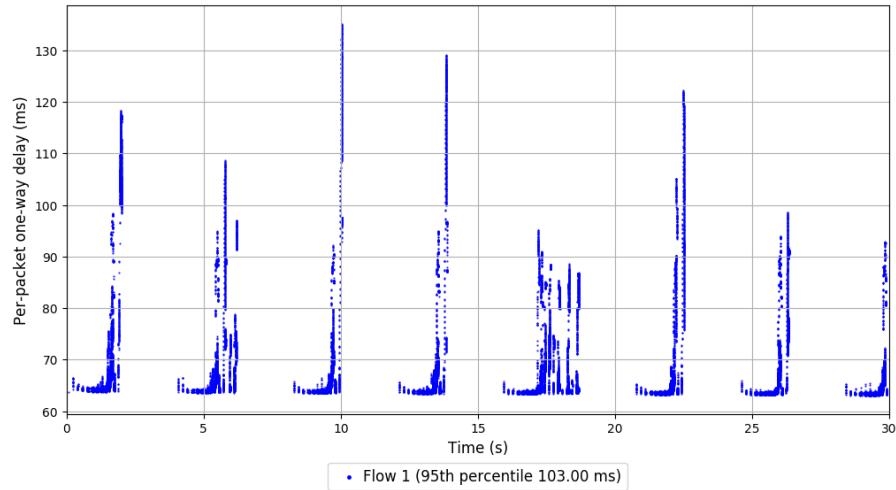
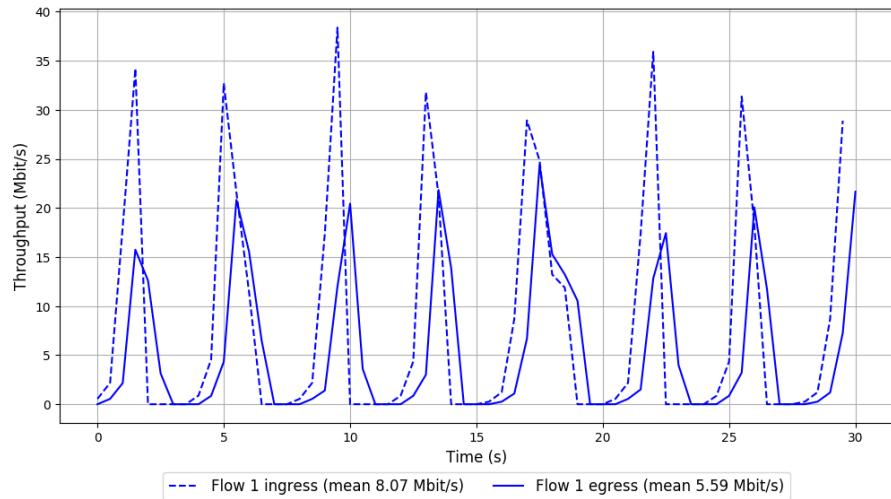


Run 8: Statistics of Copa

```
Start at: 2018-07-10 14:56:04
End at: 2018-07-10 14:56:34
Local clock offset: 0.345 ms
Remote clock offset: 12.992 ms

# Below is generated by plot.py at 2018-07-10 16:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.59 Mbit/s
95th percentile per-packet one-way delay: 103.005 ms
Loss rate: 30.74%
-- Flow 1:
Average throughput: 5.59 Mbit/s
95th percentile per-packet one-way delay: 103.005 ms
Loss rate: 30.74%
```

Run 8: Report of Copa — Data Link

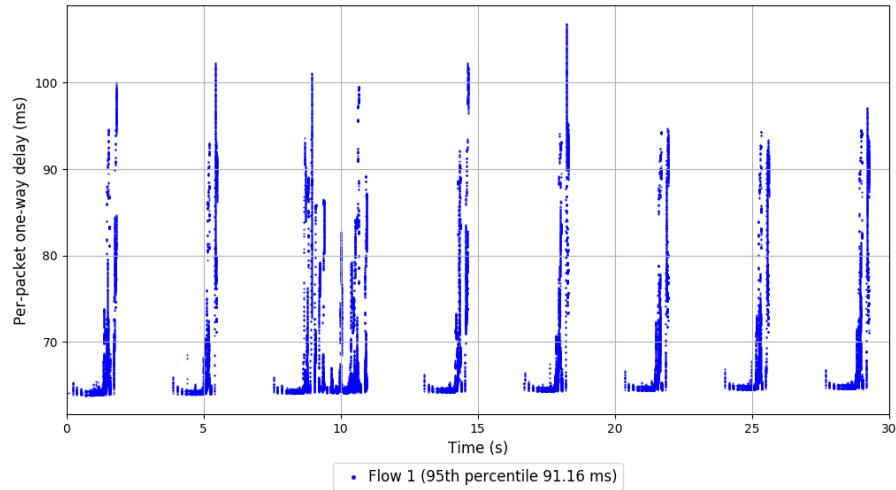
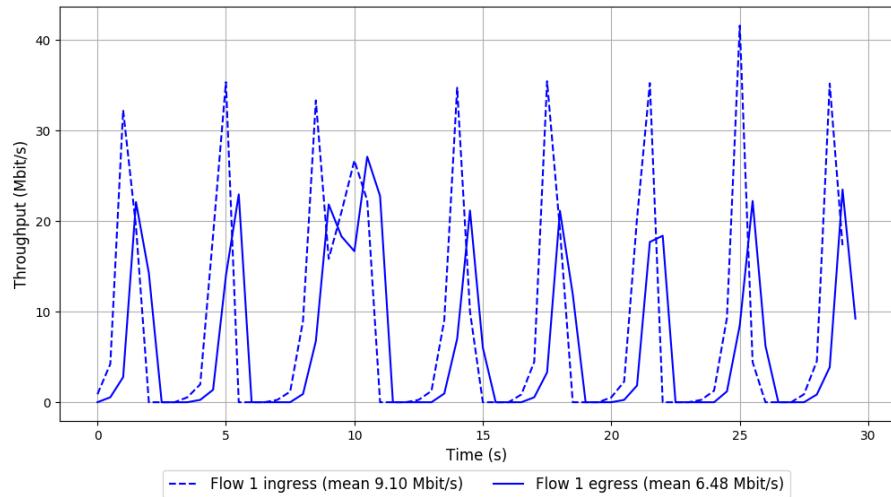


Run 9: Statistics of Copa

```
Start at: 2018-07-10 15:18:22
End at: 2018-07-10 15:18:52
Local clock offset: 0.162 ms
Remote clock offset: -2.862 ms

# Below is generated by plot.py at 2018-07-10 16:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.48 Mbit/s
95th percentile per-packet one-way delay: 91.155 ms
Loss rate: 28.73%
-- Flow 1:
Average throughput: 6.48 Mbit/s
95th percentile per-packet one-way delay: 91.155 ms
Loss rate: 28.73%
```

Run 9: Report of Copa — Data Link

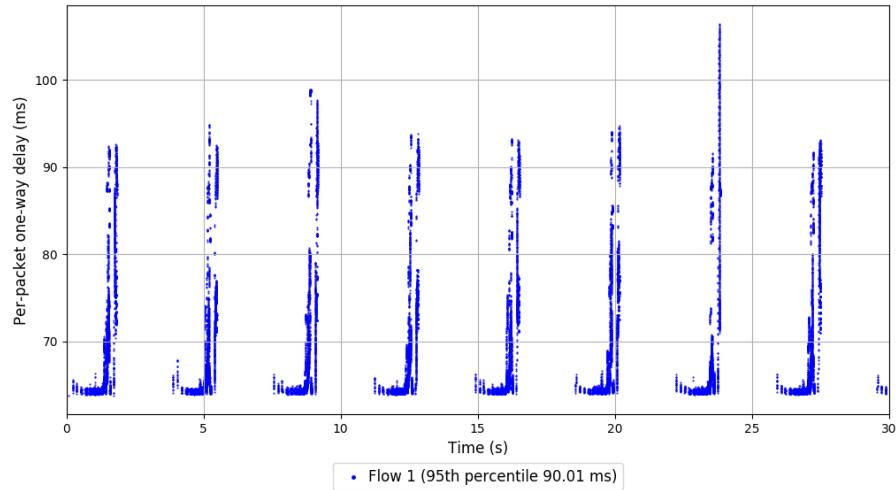
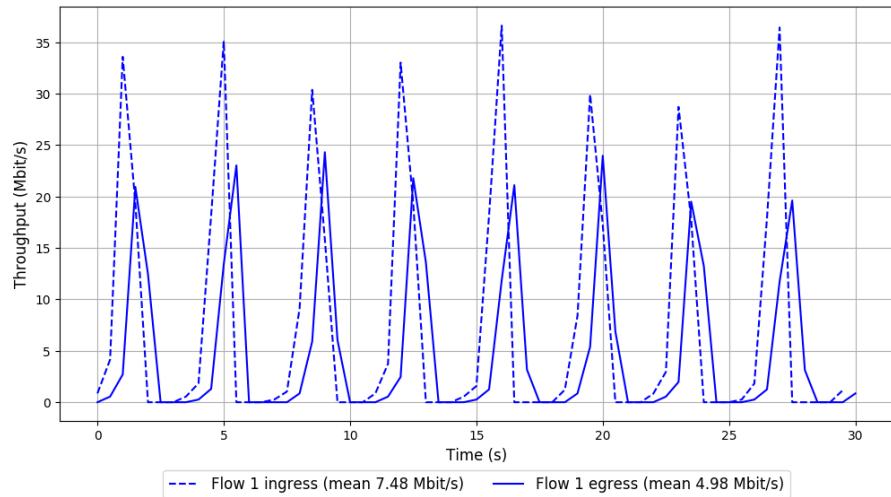


Run 10: Statistics of Copa

```
Start at: 2018-07-10 15:40:39
End at: 2018-07-10 15:41:09
Local clock offset: 0.079 ms
Remote clock offset: 9.107 ms

# Below is generated by plot.py at 2018-07-10 16:00:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.98 Mbit/s
95th percentile per-packet one-way delay: 90.009 ms
Loss rate: 33.82%
-- Flow 1:
Average throughput: 4.98 Mbit/s
95th percentile per-packet one-way delay: 90.009 ms
Loss rate: 33.82%
```

Run 10: Report of Copa — Data Link

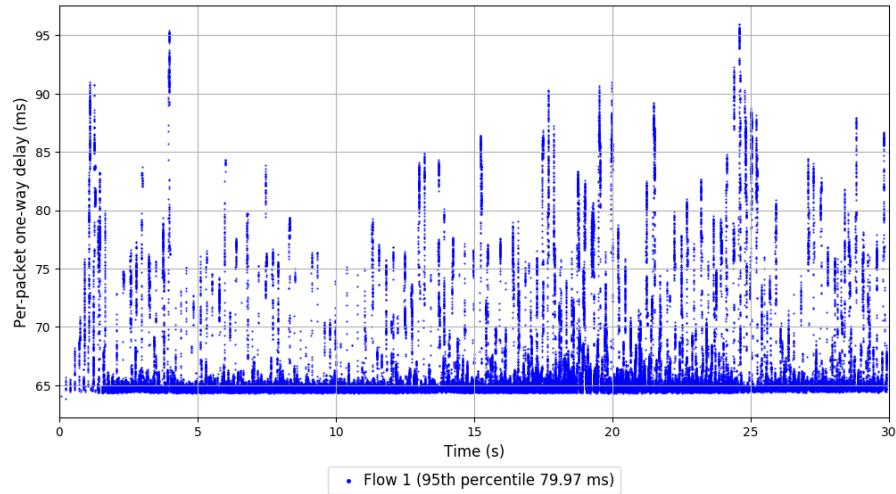
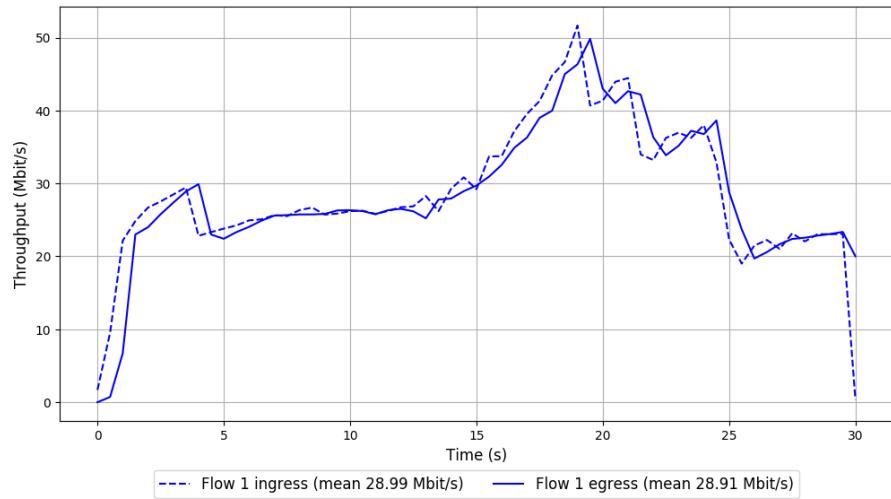


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-07-10 12:19:12
End at: 2018-07-10 12:19:42
Local clock offset: -0.855 ms
Remote clock offset: -2.763 ms

# Below is generated by plot.py at 2018-07-10 16:00:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.91 Mbit/s
95th percentile per-packet one-way delay: 79.975 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 28.91 Mbit/s
95th percentile per-packet one-way delay: 79.975 ms
Loss rate: 0.77%
```

Run 1: Report of TCP Cubic — Data Link

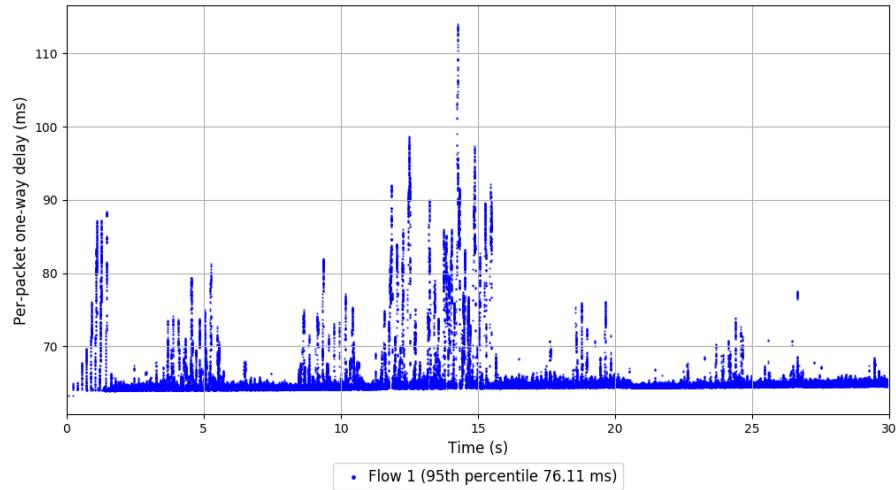
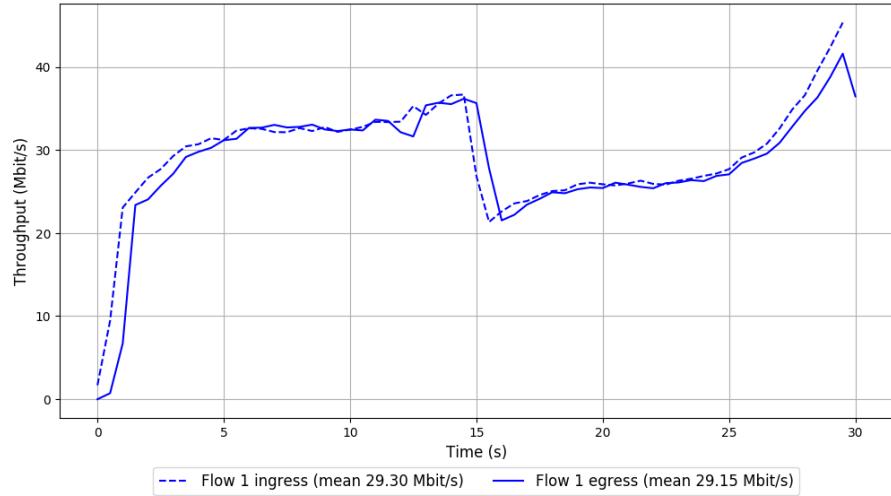


Run 2: Statistics of TCP Cubic

```
Start at: 2018-07-10 12:41:26
End at: 2018-07-10 12:41:56
Local clock offset: -1.114 ms
Remote clock offset: 29.782 ms

# Below is generated by plot.py at 2018-07-10 16:00:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.15 Mbit/s
95th percentile per-packet one-way delay: 76.113 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 29.15 Mbit/s
95th percentile per-packet one-way delay: 76.113 ms
Loss rate: 1.01%
```

Run 2: Report of TCP Cubic — Data Link

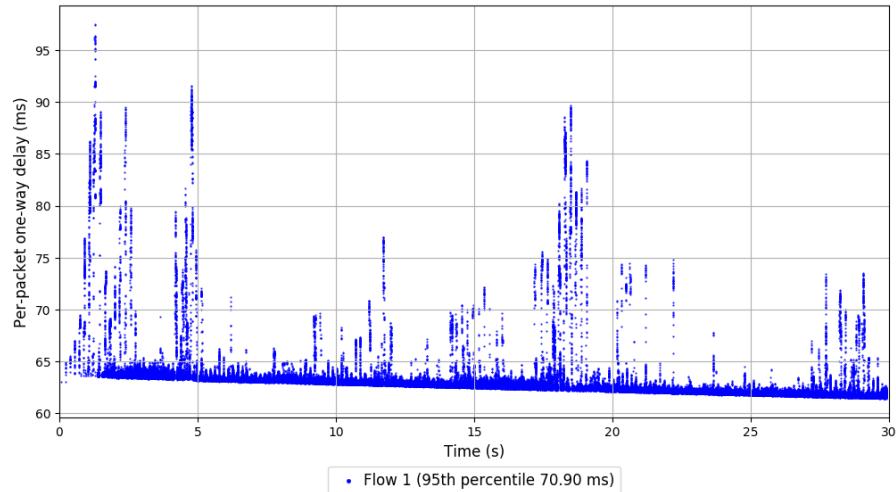
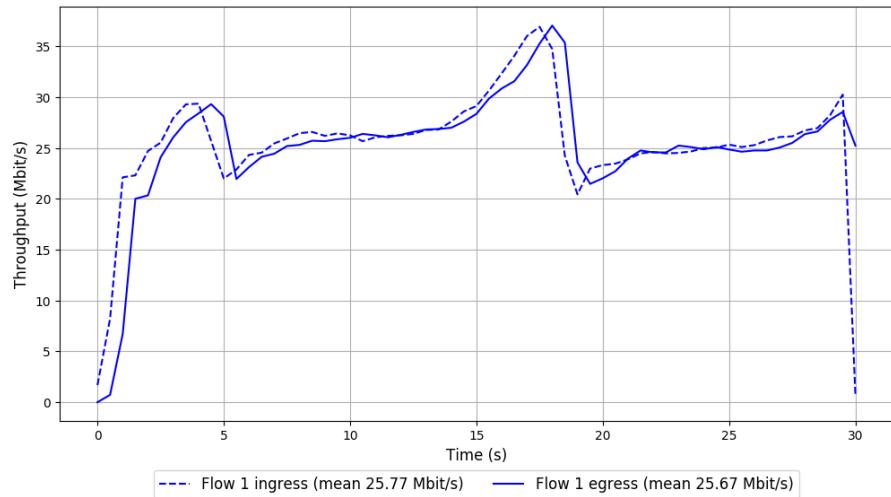


Run 3: Statistics of TCP Cubic

```
Start at: 2018-07-10 13:03:42
End at: 2018-07-10 13:04:12
Local clock offset: -0.731 ms
Remote clock offset: 38.331 ms

# Below is generated by plot.py at 2018-07-10 16:00:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.67 Mbit/s
95th percentile per-packet one-way delay: 70.899 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 25.67 Mbit/s
95th percentile per-packet one-way delay: 70.899 ms
Loss rate: 0.89%
```

Run 3: Report of TCP Cubic — Data Link

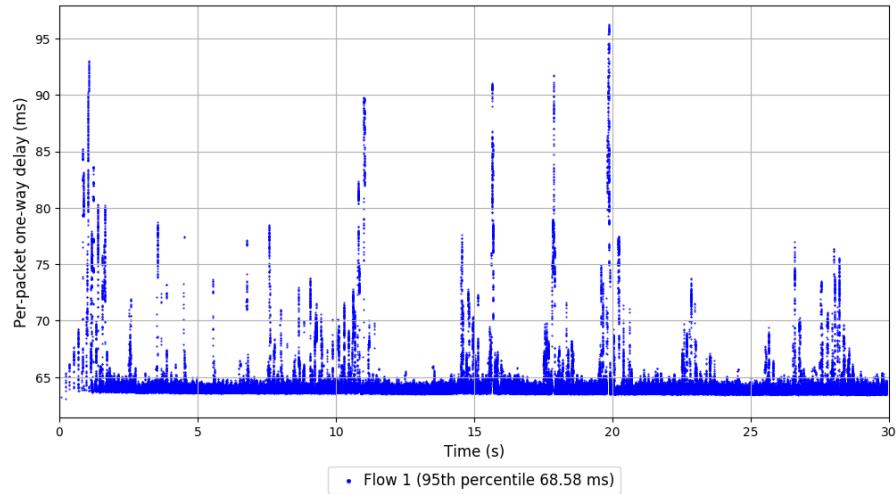
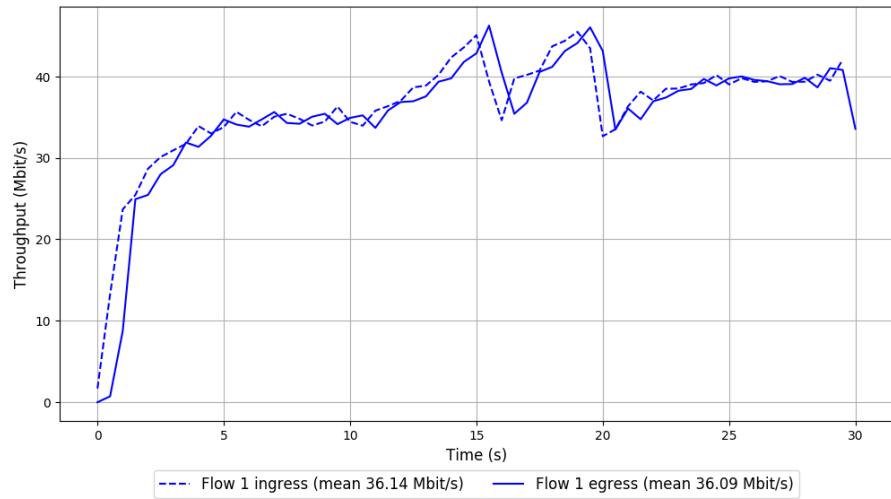


Run 4: Statistics of TCP Cubic

```
Start at: 2018-07-10 13:25:55
End at: 2018-07-10 13:26:25
Local clock offset: -0.729 ms
Remote clock offset: 1.864 ms

# Below is generated by plot.py at 2018-07-10 16:01:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.09 Mbit/s
95th percentile per-packet one-way delay: 68.575 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 36.09 Mbit/s
95th percentile per-packet one-way delay: 68.575 ms
Loss rate: 0.64%
```

Run 4: Report of TCP Cubic — Data Link

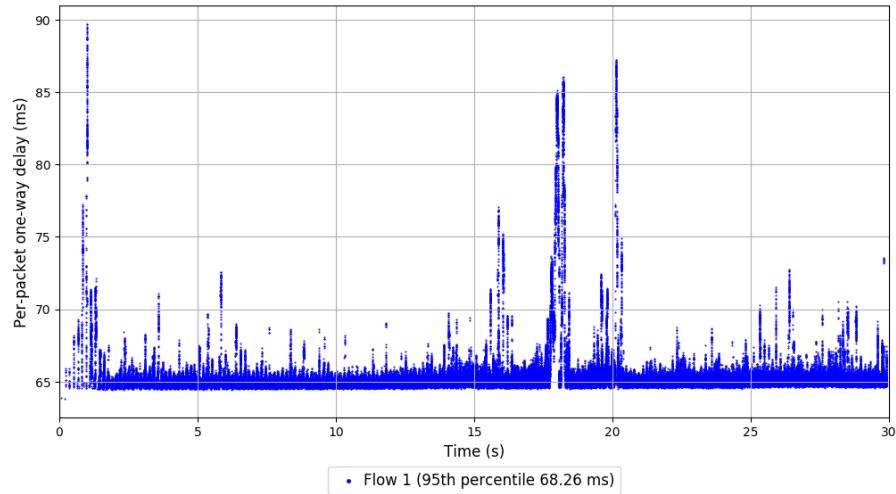
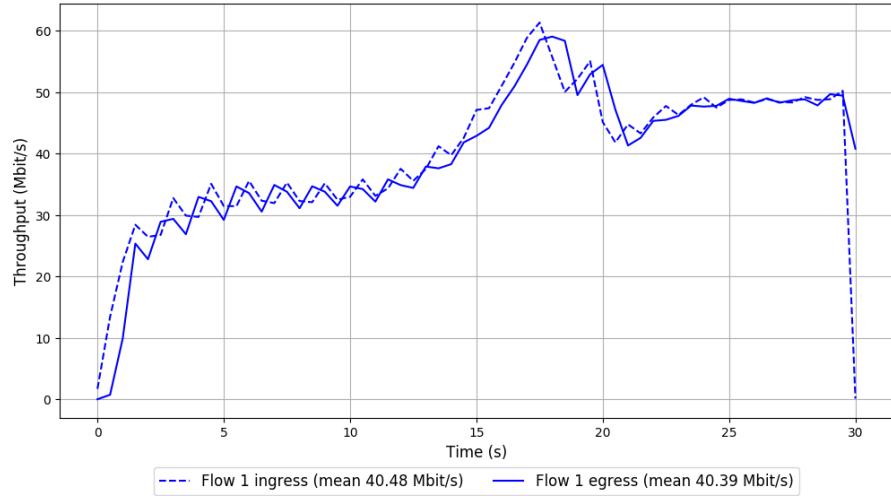


Run 5: Statistics of TCP Cubic

```
Start at: 2018-07-10 13:48:06
End at: 2018-07-10 13:48:36
Local clock offset: -0.371 ms
Remote clock offset: 7.451 ms

# Below is generated by plot.py at 2018-07-10 16:01:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.39 Mbit/s
95th percentile per-packet one-way delay: 68.263 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 40.39 Mbit/s
95th percentile per-packet one-way delay: 68.263 ms
Loss rate: 0.70%
```

Run 5: Report of TCP Cubic — Data Link

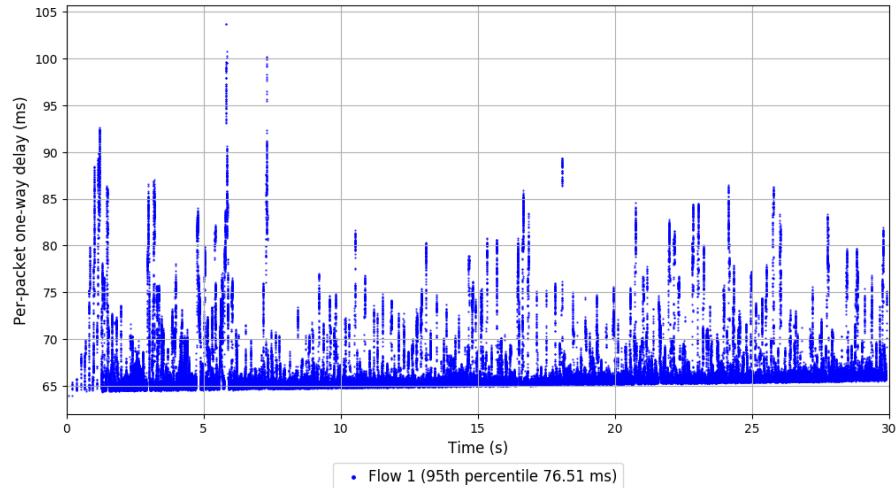
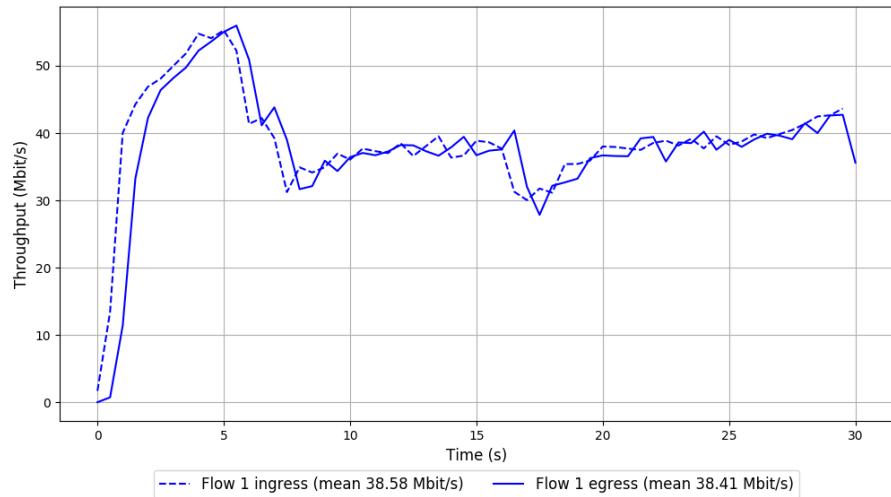


Run 6: Statistics of TCP Cubic

```
Start at: 2018-07-10 14:10:19
End at: 2018-07-10 14:10:49
Local clock offset: -0.268 ms
Remote clock offset: 12.699 ms

# Below is generated by plot.py at 2018-07-10 16:01:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.41 Mbit/s
95th percentile per-packet one-way delay: 76.512 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 38.41 Mbit/s
95th percentile per-packet one-way delay: 76.512 ms
Loss rate: 0.95%
```

Run 6: Report of TCP Cubic — Data Link

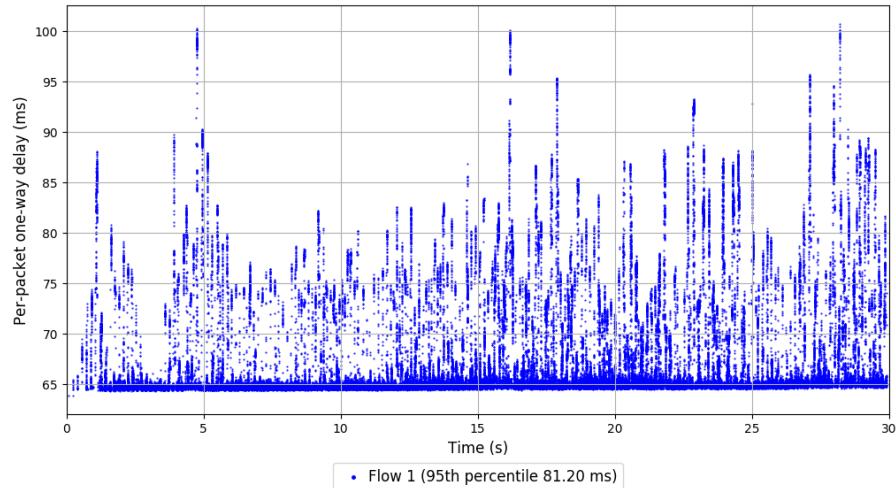
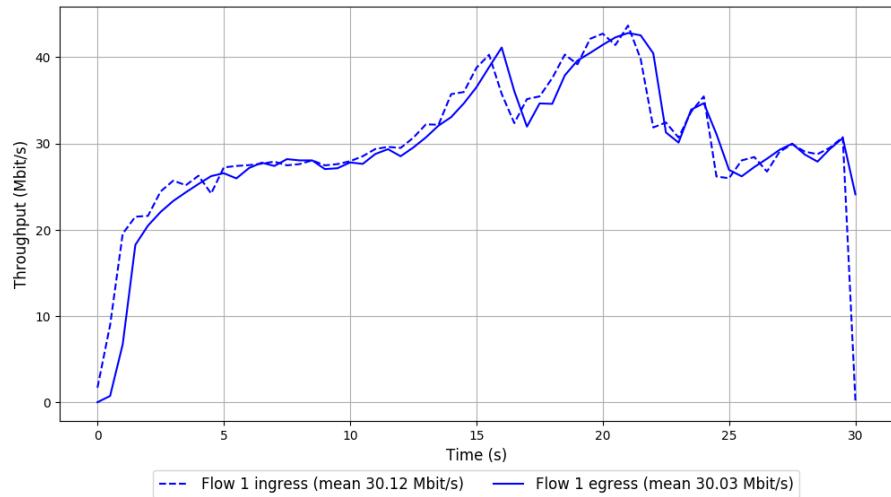


Run 7: Statistics of TCP Cubic

```
Start at: 2018-07-10 14:32:30
End at: 2018-07-10 14:33:00
Local clock offset: -0.087 ms
Remote clock offset: 37.342 ms

# Below is generated by plot.py at 2018-07-10 16:01:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.03 Mbit/s
95th percentile per-packet one-way delay: 81.198 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 30.03 Mbit/s
95th percentile per-packet one-way delay: 81.198 ms
Loss rate: 0.77%
```

Run 7: Report of TCP Cubic — Data Link

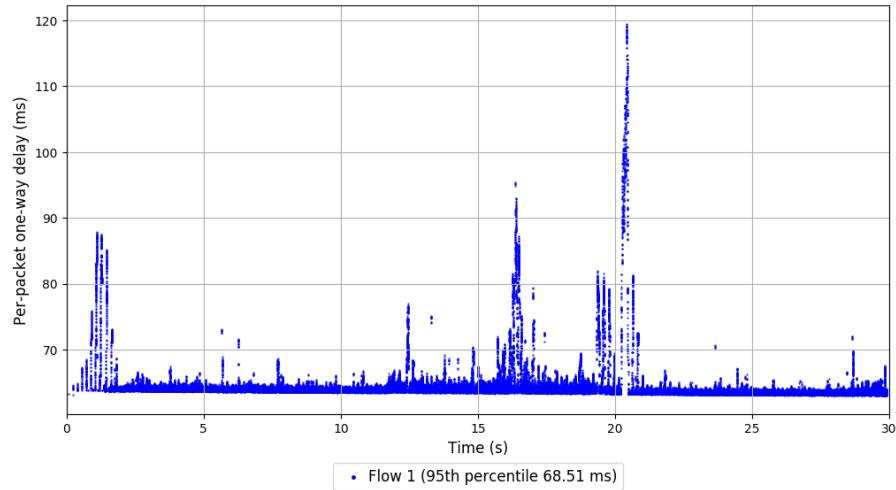
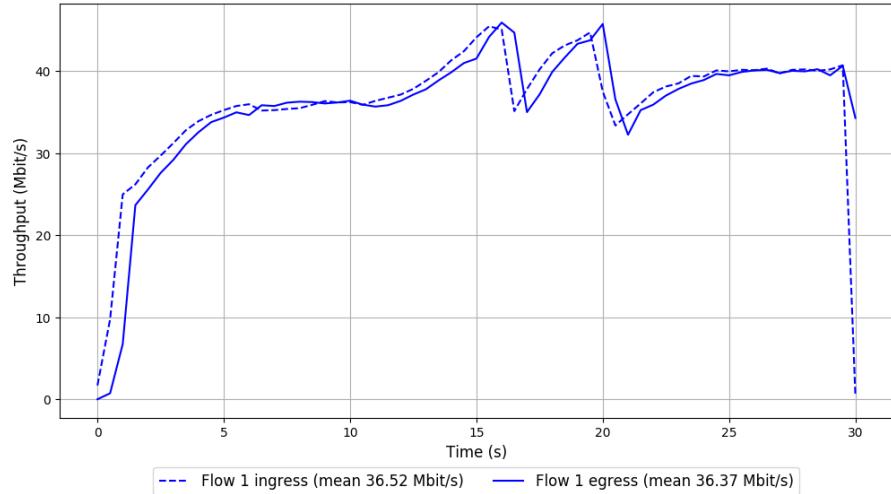


Run 8: Statistics of TCP Cubic

```
Start at: 2018-07-10 14:54:45
End at: 2018-07-10 14:55:15
Local clock offset: 0.21 ms
Remote clock offset: 14.99 ms

# Below is generated by plot.py at 2018-07-10 16:01:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.37 Mbit/s
95th percentile per-packet one-way delay: 68.514 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 36.37 Mbit/s
95th percentile per-packet one-way delay: 68.514 ms
Loss rate: 0.90%
```

Run 8: Report of TCP Cubic — Data Link

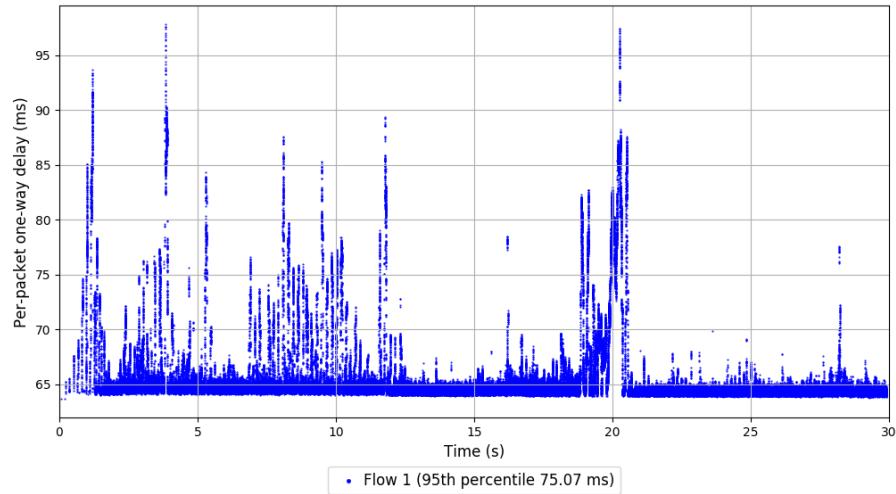
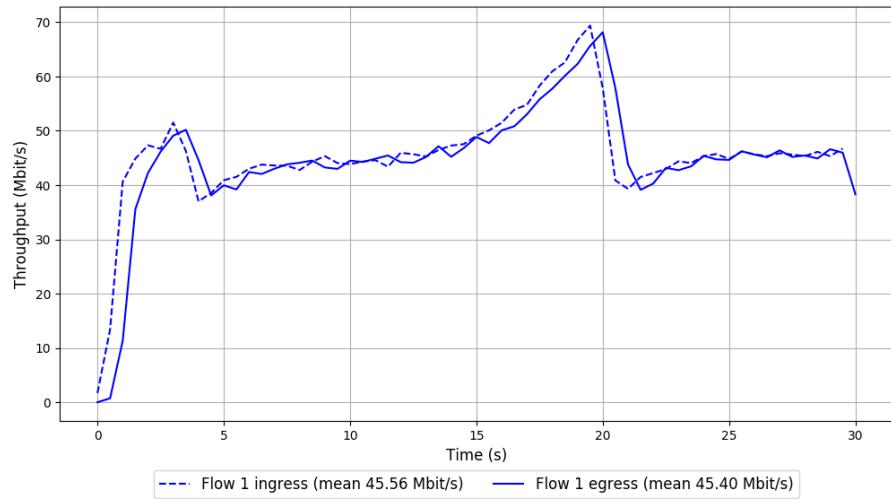


Run 9: Statistics of TCP Cubic

```
Start at: 2018-07-10 15:17:02
End at: 2018-07-10 15:17:32
Local clock offset: 0.254 ms
Remote clock offset: -2.509 ms

# Below is generated by plot.py at 2018-07-10 16:01:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.40 Mbit/s
95th percentile per-packet one-way delay: 75.069 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 45.40 Mbit/s
95th percentile per-packet one-way delay: 75.069 ms
Loss rate: 0.85%
```

Run 9: Report of TCP Cubic — Data Link

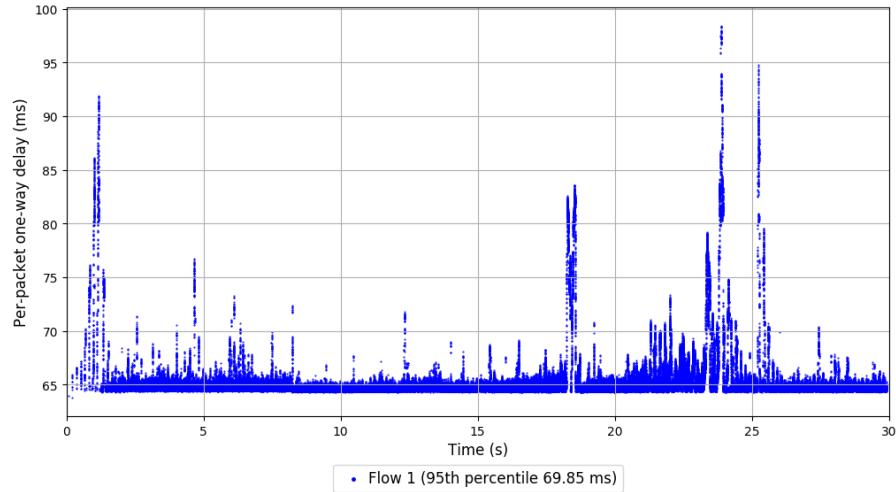
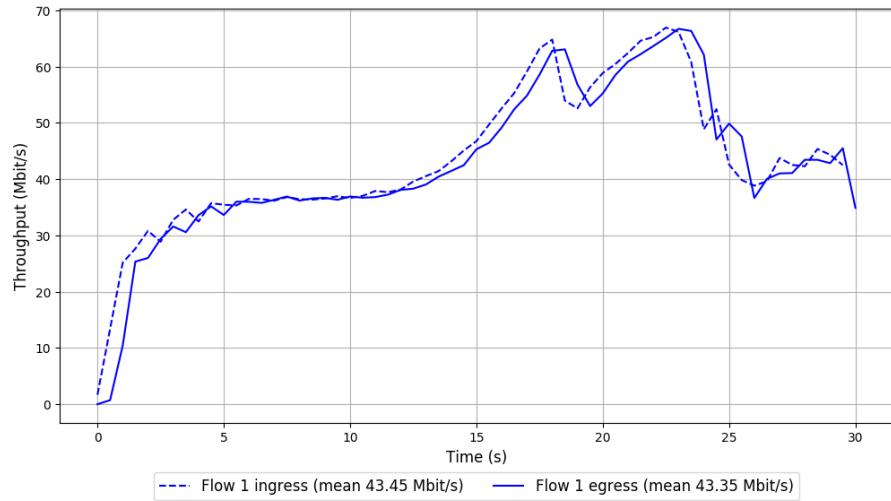


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-07-10 15:39:20
End at: 2018-07-10 15:39:50
Local clock offset: 0.351 ms
Remote clock offset: 9.103 ms

# Below is generated by plot.py at 2018-07-10 16:01:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.35 Mbit/s
95th percentile per-packet one-way delay: 69.851 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 43.35 Mbit/s
95th percentile per-packet one-way delay: 69.851 ms
Loss rate: 0.72%
```

Run 10: Report of TCP Cubic — Data Link

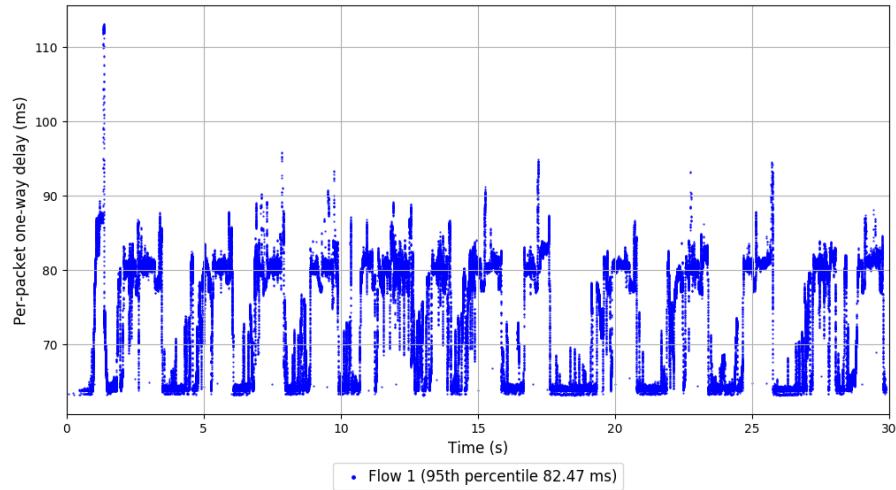
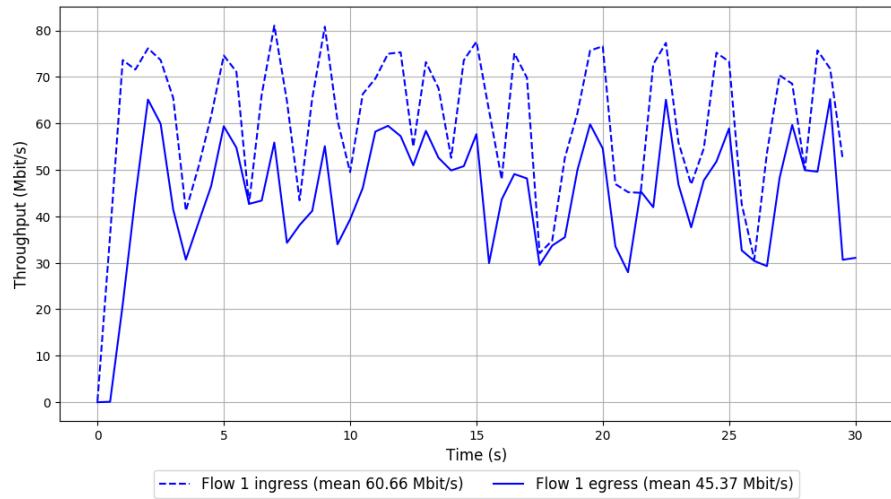


```
Run 1: Statistics of FillP
```

```
Start at: 2018-07-10 12:26:58
End at: 2018-07-10 12:27:28
Local clock offset: -1.103 ms
Remote clock offset: -2.986 ms

# Below is generated by plot.py at 2018-07-10 16:01:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.37 Mbit/s
95th percentile per-packet one-way delay: 82.474 ms
Loss rate: 25.58%
-- Flow 1:
Average throughput: 45.37 Mbit/s
95th percentile per-packet one-way delay: 82.474 ms
Loss rate: 25.58%
```

Run 1: Report of FillP — Data Link

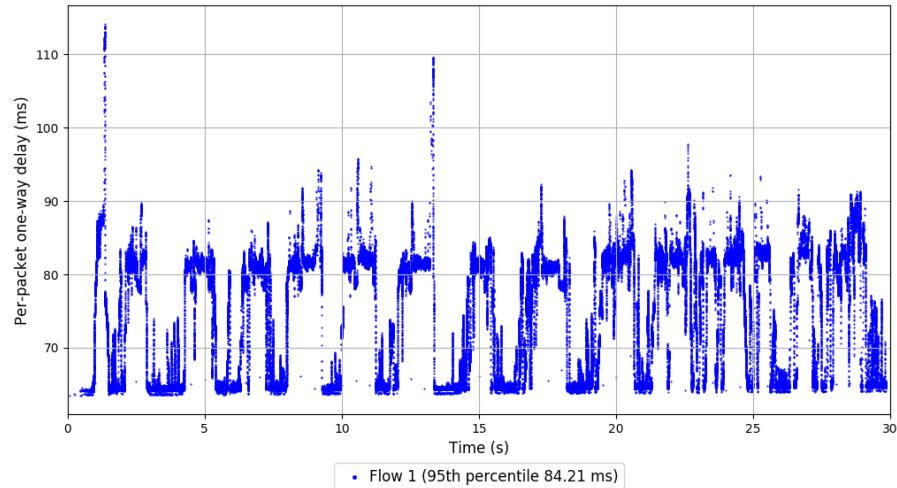
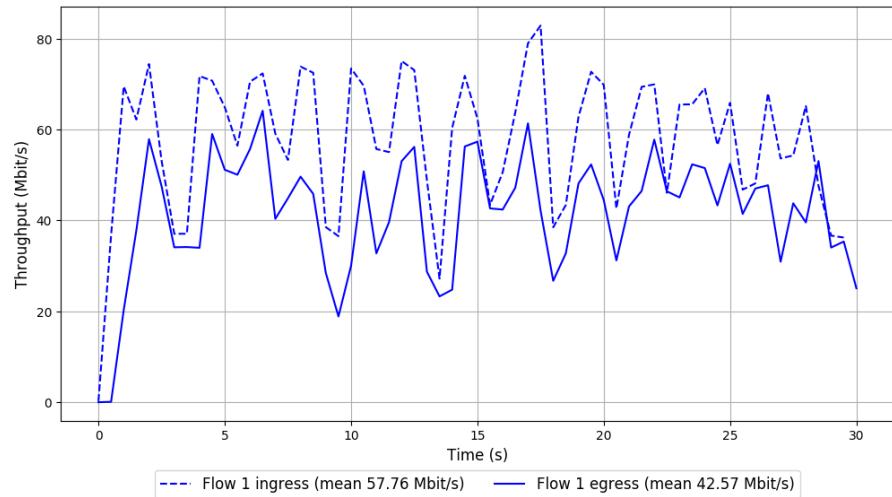


Run 2: Statistics of FillP

```
Start at: 2018-07-10 12:49:12
End at: 2018-07-10 12:49:42
Local clock offset: -1.099 ms
Remote clock offset: 37.981 ms

# Below is generated by plot.py at 2018-07-10 16:01:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.57 Mbit/s
95th percentile per-packet one-way delay: 84.214 ms
Loss rate: 26.67%
-- Flow 1:
Average throughput: 42.57 Mbit/s
95th percentile per-packet one-way delay: 84.214 ms
Loss rate: 26.67%
```

Run 2: Report of FillP — Data Link

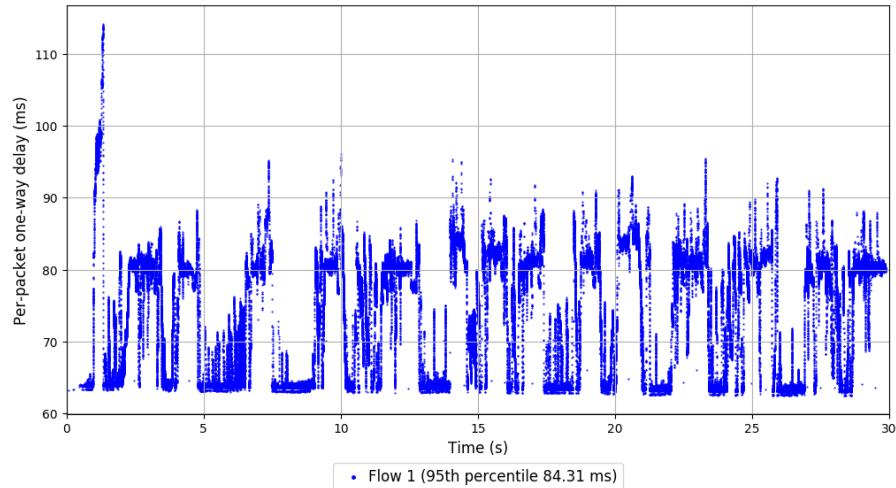
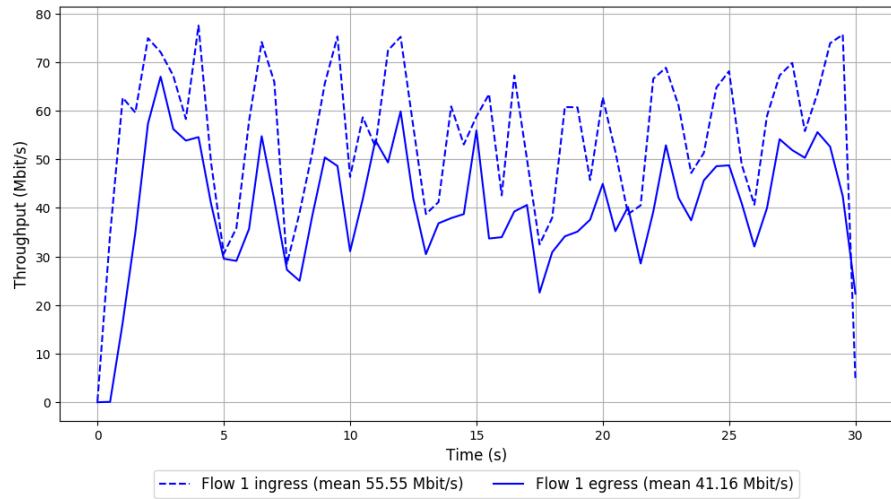


Run 3: Statistics of FillP

```
Start at: 2018-07-10 13:11:27
End at: 2018-07-10 13:11:57
Local clock offset: -0.71 ms
Remote clock offset: 15.362 ms

# Below is generated by plot.py at 2018-07-10 16:01:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 84.311 ms
Loss rate: 26.49%
-- Flow 1:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 84.311 ms
Loss rate: 26.49%
```

Run 3: Report of FillP — Data Link

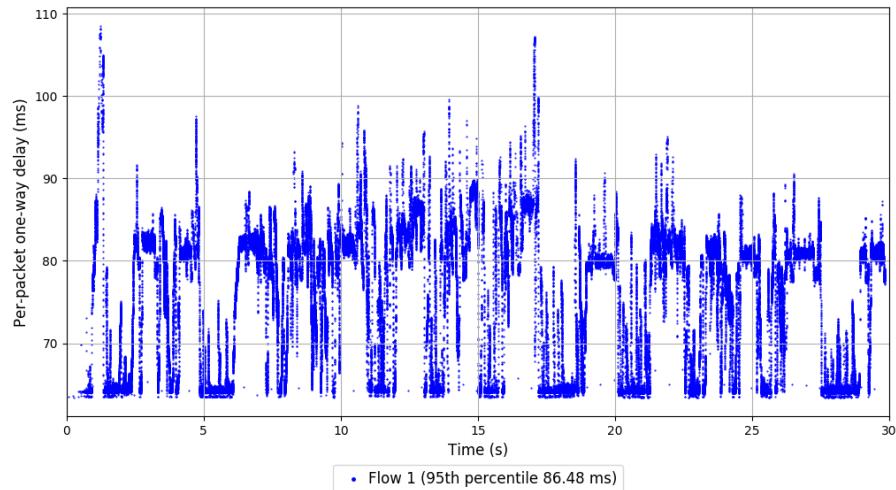
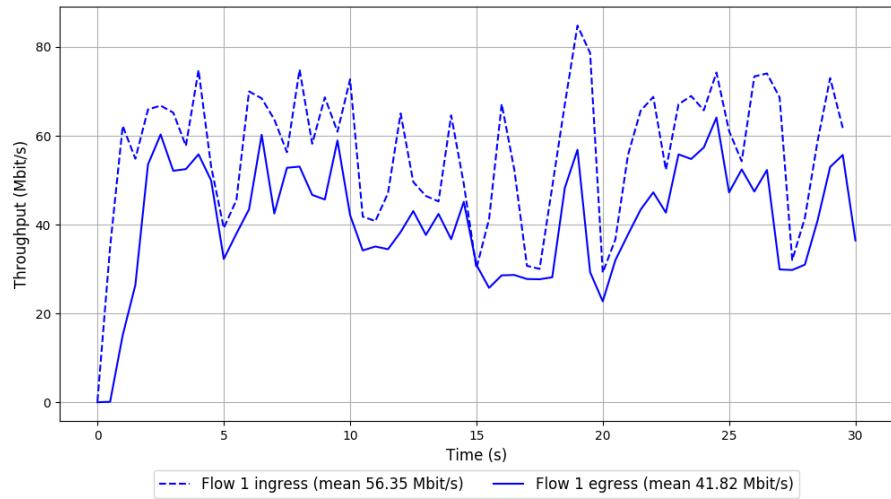


Run 4: Statistics of FillP

```
Start at: 2018-07-10 13:33:40
End at: 2018-07-10 13:34:10
Local clock offset: -0.528 ms
Remote clock offset: -0.405 ms

# Below is generated by plot.py at 2018-07-10 16:01:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.82 Mbit/s
95th percentile per-packet one-way delay: 86.485 ms
Loss rate: 26.15%
-- Flow 1:
Average throughput: 41.82 Mbit/s
95th percentile per-packet one-way delay: 86.485 ms
Loss rate: 26.15%
```

Run 4: Report of FillP — Data Link

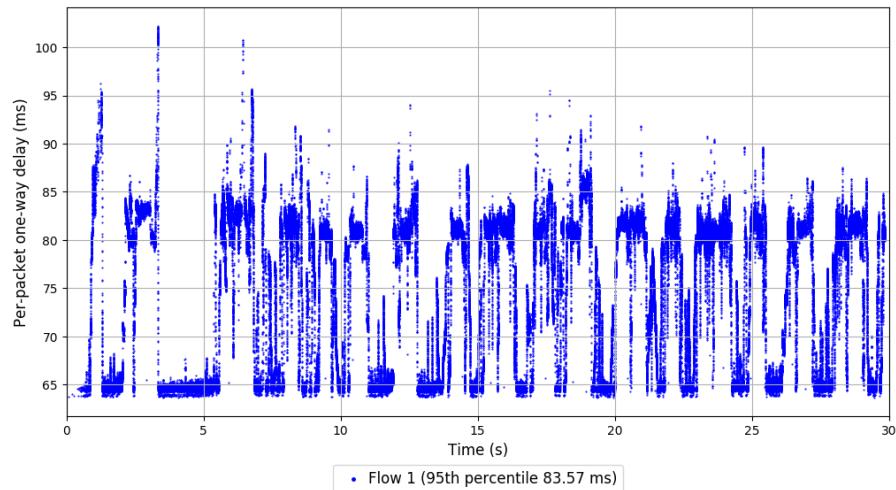
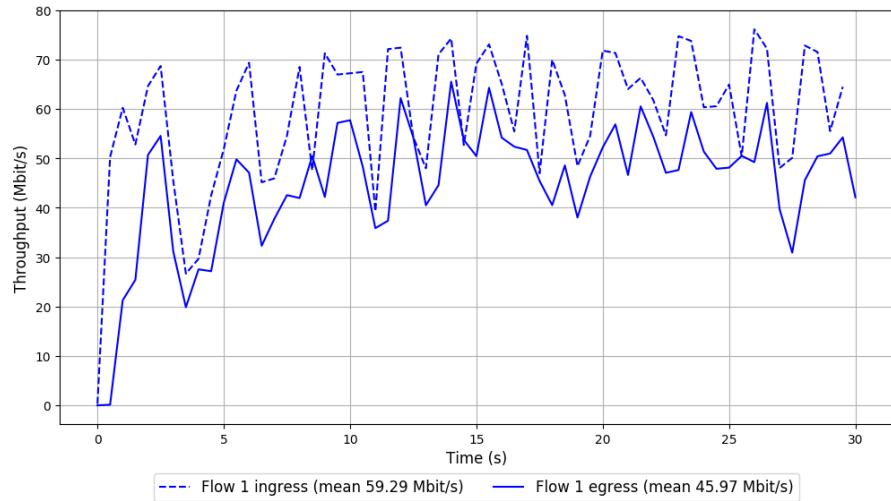


Run 5: Statistics of FillP

```
Start at: 2018-07-10 13:55:51
End at: 2018-07-10 13:56:21
Local clock offset: -0.204 ms
Remote clock offset: 9.714 ms

# Below is generated by plot.py at 2018-07-10 16:01:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.97 Mbit/s
95th percentile per-packet one-way delay: 83.572 ms
Loss rate: 22.86%
-- Flow 1:
Average throughput: 45.97 Mbit/s
95th percentile per-packet one-way delay: 83.572 ms
Loss rate: 22.86%
```

Run 5: Report of FillP — Data Link

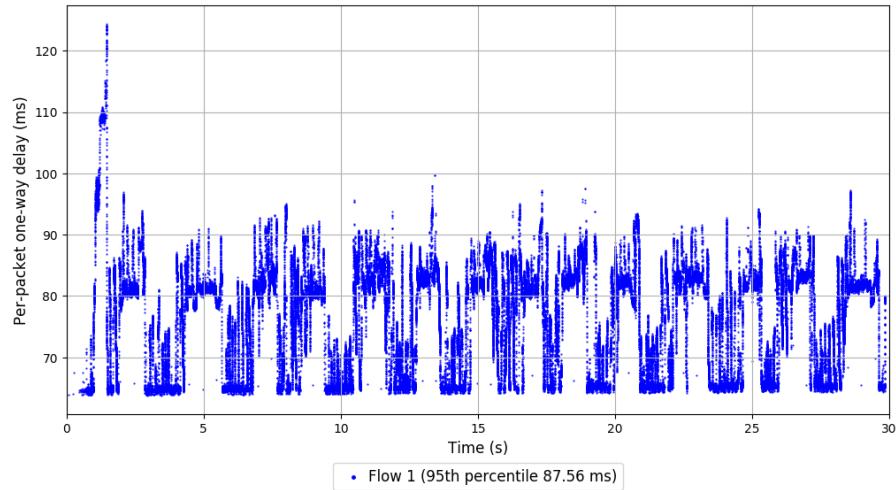
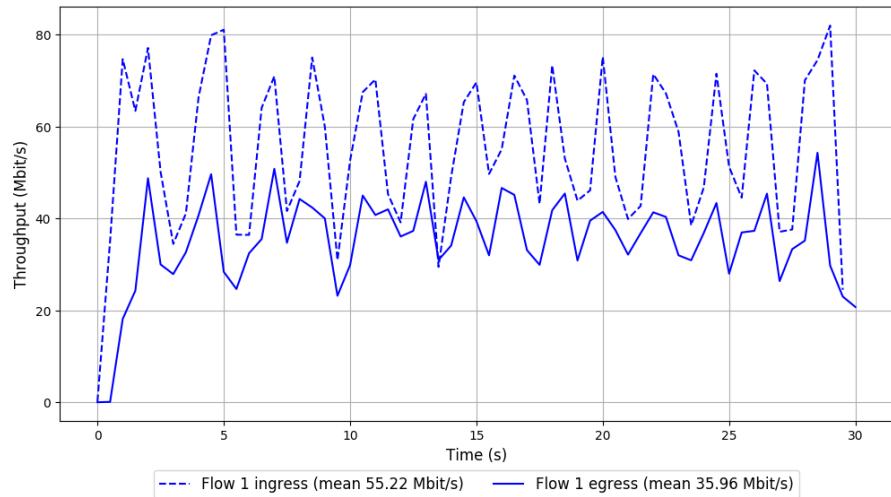


Run 6: Statistics of FillP

```
Start at: 2018-07-10 14:18:04
End at: 2018-07-10 14:18:34
Local clock offset: -0.285 ms
Remote clock offset: 26.065 ms

# Below is generated by plot.py at 2018-07-10 16:01:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.96 Mbit/s
95th percentile per-packet one-way delay: 87.555 ms
Loss rate: 35.23%
-- Flow 1:
Average throughput: 35.96 Mbit/s
95th percentile per-packet one-way delay: 87.555 ms
Loss rate: 35.23%
```

Run 6: Report of FillP — Data Link

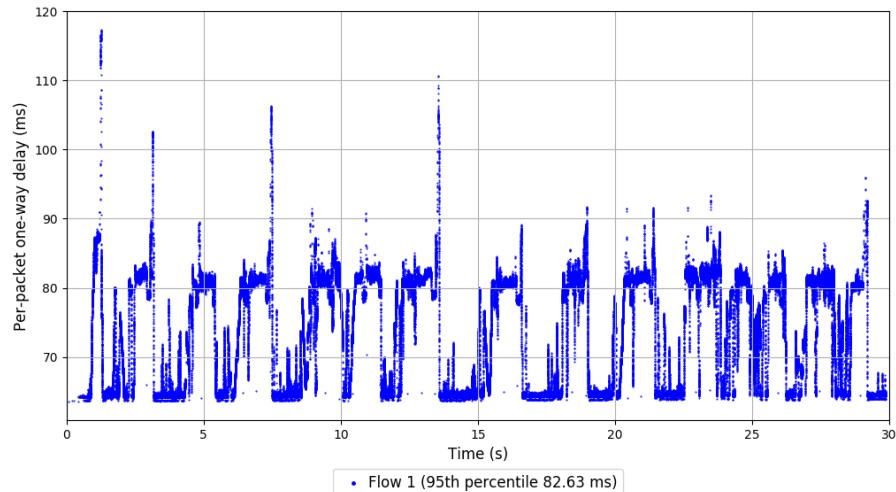
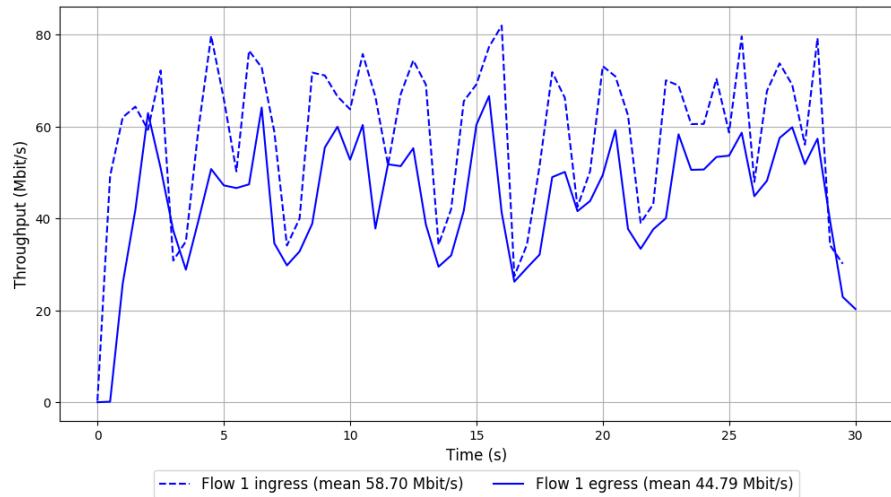


Run 7: Statistics of FillP

```
Start at: 2018-07-10 14:40:17
End at: 2018-07-10 14:40:47
Local clock offset: 0.01 ms
Remote clock offset: 41.142 ms

# Below is generated by plot.py at 2018-07-10 16:02:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.79 Mbit/s
95th percentile per-packet one-way delay: 82.630 ms
Loss rate: 24.08%
-- Flow 1:
Average throughput: 44.79 Mbit/s
95th percentile per-packet one-way delay: 82.630 ms
Loss rate: 24.08%
```

Run 7: Report of FillP — Data Link

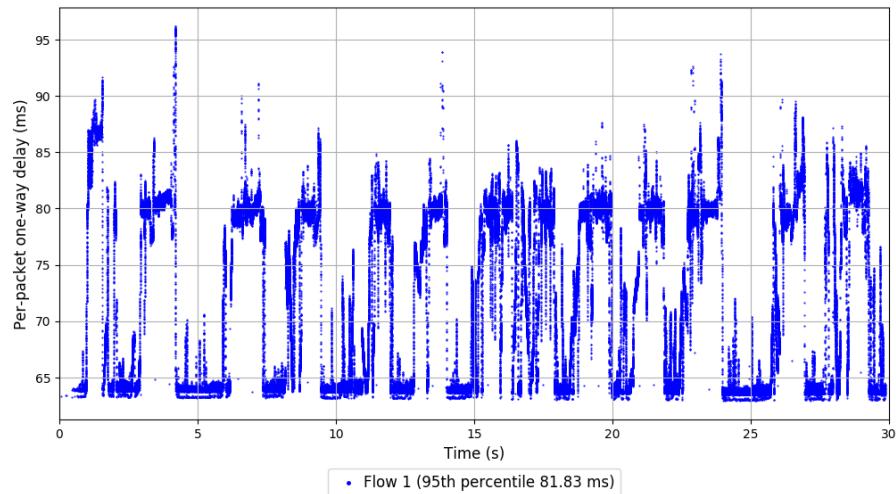
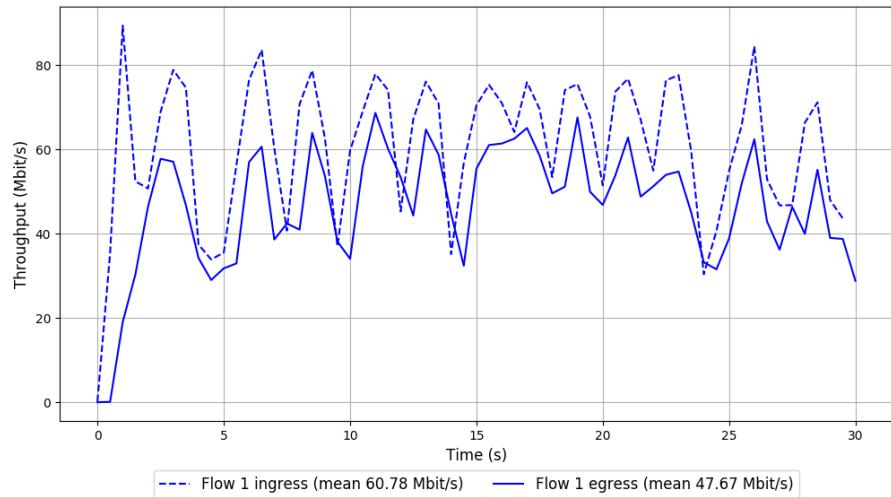


Run 8: Statistics of FillP

```
Start at: 2018-07-10 15:02:31
End at: 2018-07-10 15:03:01
Local clock offset: 0.235 ms
Remote clock offset: 6.251 ms

# Below is generated by plot.py at 2018-07-10 16:02:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.67 Mbit/s
95th percentile per-packet one-way delay: 81.834 ms
Loss rate: 21.96%
-- Flow 1:
Average throughput: 47.67 Mbit/s
95th percentile per-packet one-way delay: 81.834 ms
Loss rate: 21.96%
```

Run 8: Report of FillP — Data Link

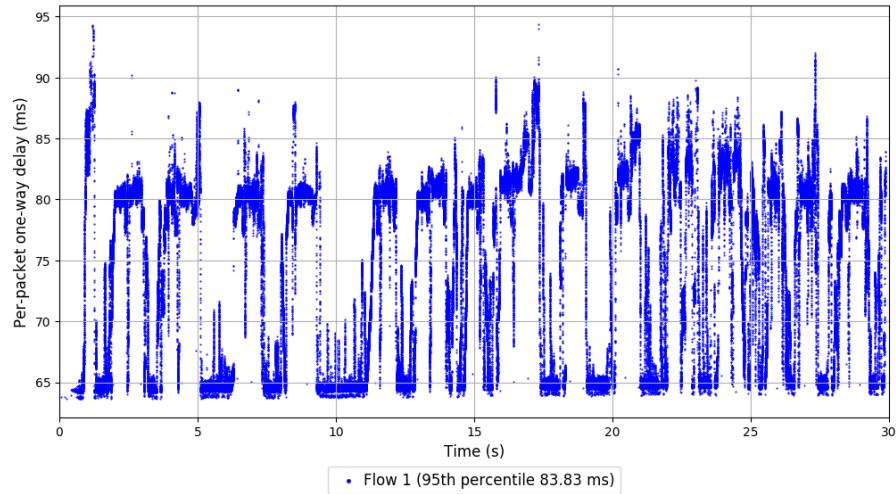
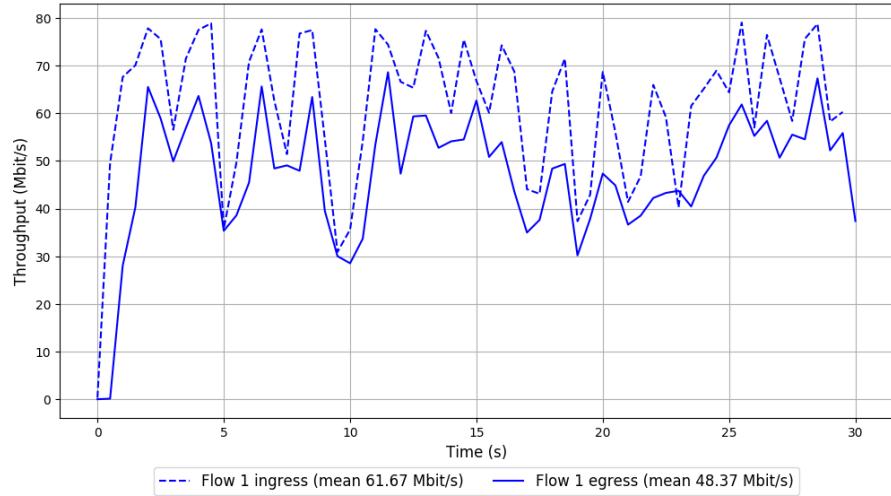


Run 9: Statistics of FillP

```
Start at: 2018-07-10 15:24:49
End at: 2018-07-10 15:25:19
Local clock offset: 0.216 ms
Remote clock offset: 4.772 ms

# Below is generated by plot.py at 2018-07-10 16:02:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 83.834 ms
Loss rate: 21.96%
-- Flow 1:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 83.834 ms
Loss rate: 21.96%
```

Run 9: Report of FillP — Data Link

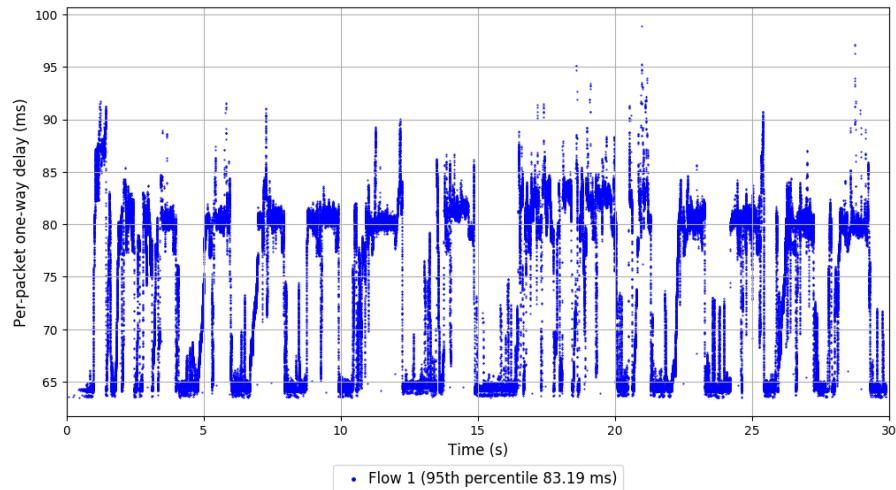
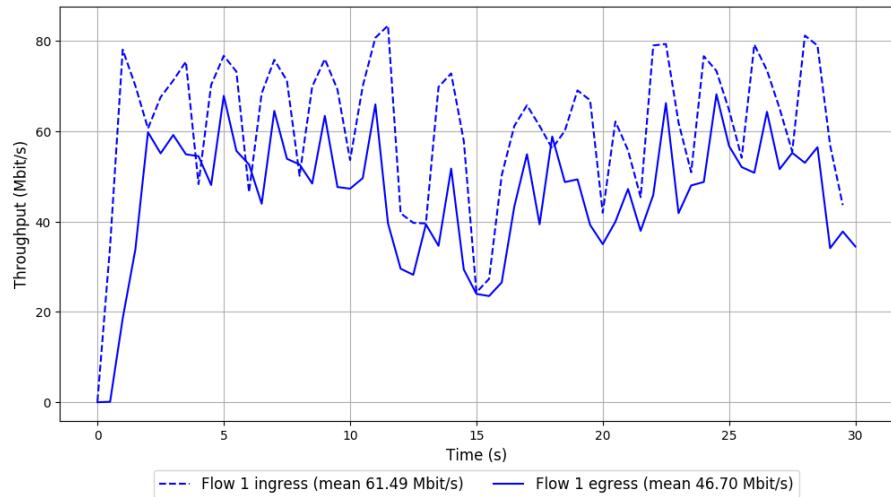


```
Run 10: Statistics of FillP
```

```
Start at: 2018-07-10 15:47:07
End at: 2018-07-10 15:47:37
Local clock offset: 0.077 ms
Remote clock offset: 8.882 ms

# Below is generated by plot.py at 2018-07-10 16:02:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.70 Mbit/s
95th percentile per-packet one-way delay: 83.187 ms
Loss rate: 24.44%
-- Flow 1:
Average throughput: 46.70 Mbit/s
95th percentile per-packet one-way delay: 83.187 ms
Loss rate: 24.44%
```

Run 10: Report of FillP — Data Link

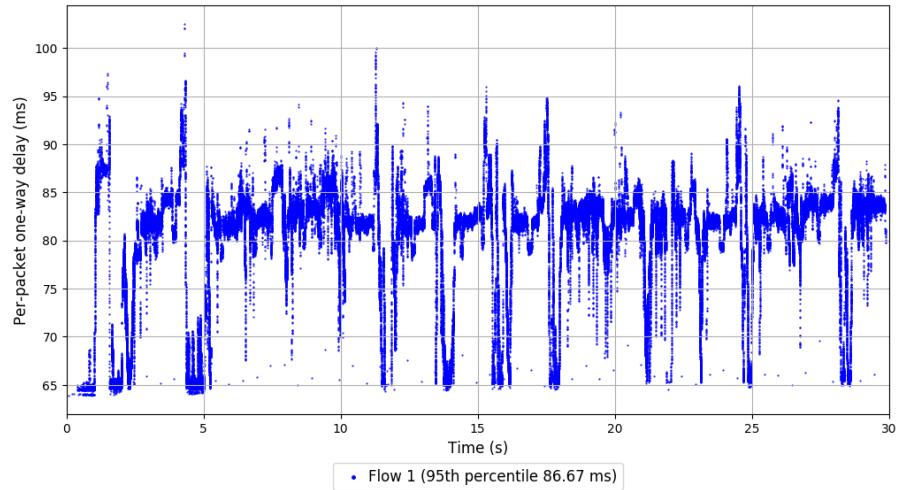
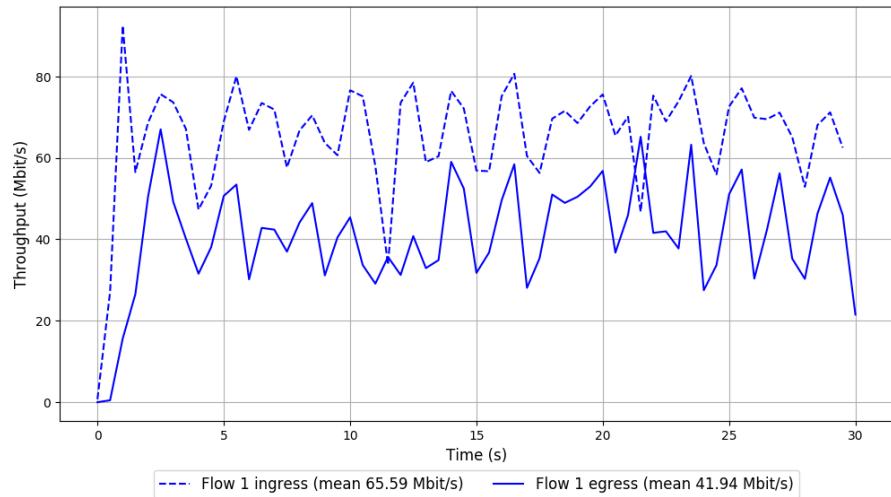


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2018-07-10 12:34:52
End at: 2018-07-10 12:35:22
Local clock offset: -0.862 ms
Remote clock offset: 18.966 ms

# Below is generated by plot.py at 2018-07-10 16:02:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.94 Mbit/s
95th percentile per-packet one-way delay: 86.674 ms
Loss rate: 36.37%
-- Flow 1:
Average throughput: 41.94 Mbit/s
95th percentile per-packet one-way delay: 86.674 ms
Loss rate: 36.37%
```

Run 1: Report of FillP-Sheep — Data Link

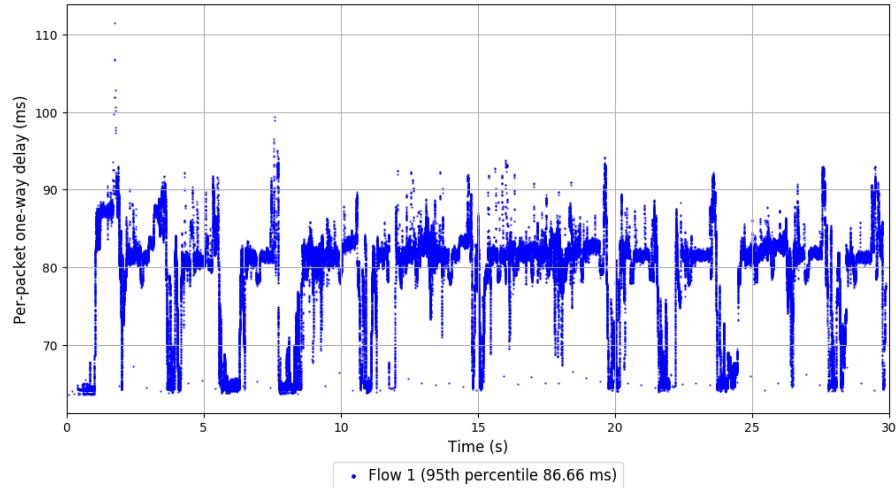
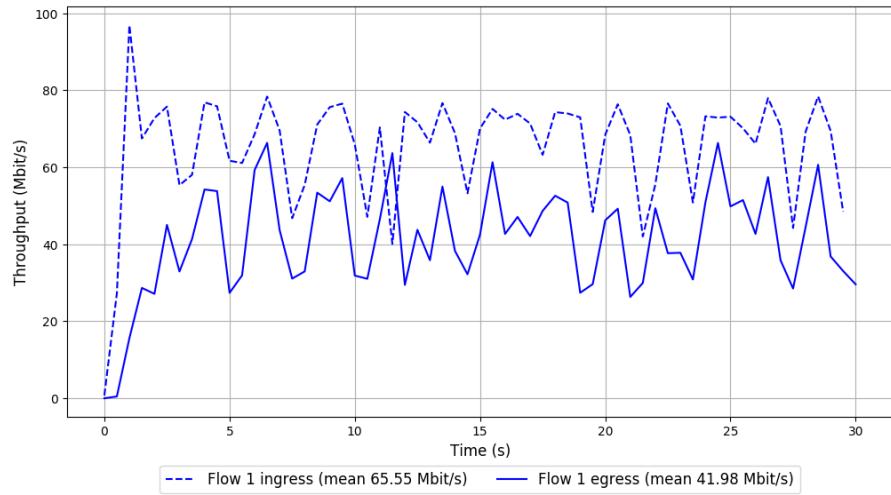


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-07-10 12:57:08
End at: 2018-07-10 12:57:38
Local clock offset: -0.991 ms
Remote clock offset: 44.305 ms

# Below is generated by plot.py at 2018-07-10 16:02:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.98 Mbit/s
95th percentile per-packet one-way delay: 86.657 ms
Loss rate: 36.28%
-- Flow 1:
Average throughput: 41.98 Mbit/s
95th percentile per-packet one-way delay: 86.657 ms
Loss rate: 36.28%
```

Run 2: Report of FillP-Sheep — Data Link

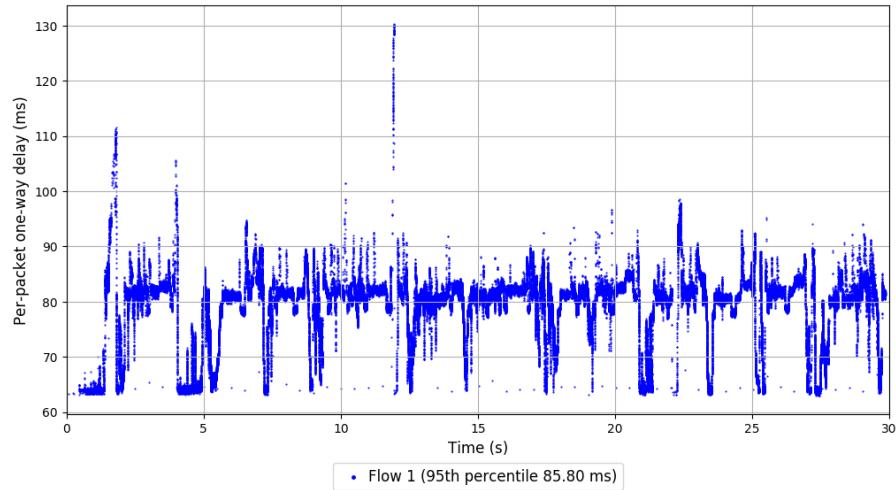
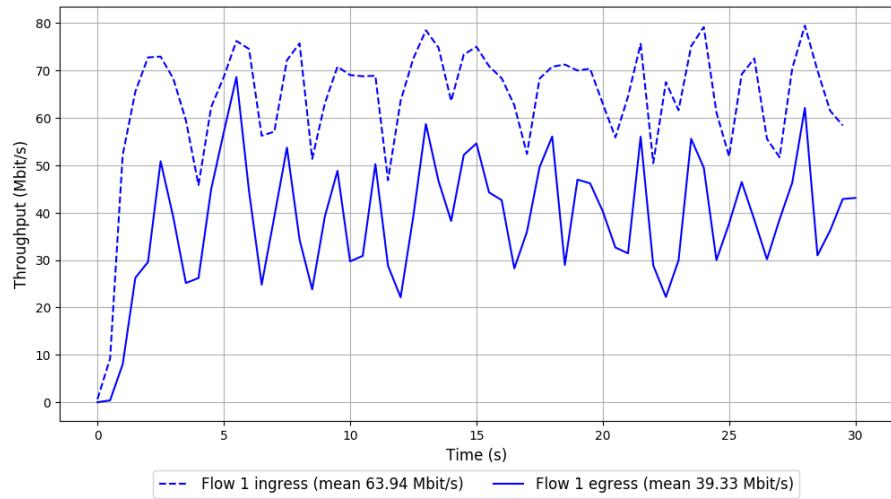


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-07-10 13:19:21
End at: 2018-07-10 13:19:51
Local clock offset: -0.861 ms
Remote clock offset: 5.553 ms

# Below is generated by plot.py at 2018-07-10 16:02:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.33 Mbit/s
95th percentile per-packet one-way delay: 85.803 ms
Loss rate: 38.79%
-- Flow 1:
Average throughput: 39.33 Mbit/s
95th percentile per-packet one-way delay: 85.803 ms
Loss rate: 38.79%
```

Run 3: Report of FillP-Sheep — Data Link

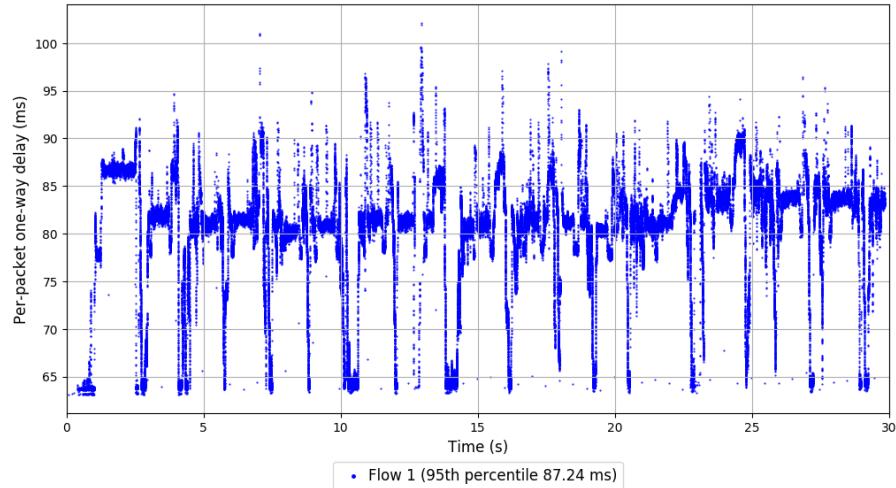
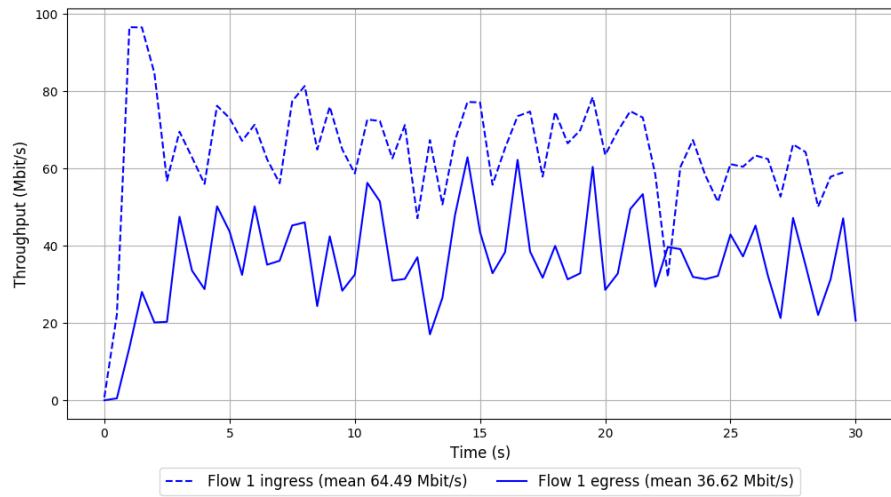


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-07-10 13:41:33
End at: 2018-07-10 13:42:03
Local clock offset: -0.604 ms
Remote clock offset: 4.295 ms

# Below is generated by plot.py at 2018-07-10 16:02:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.62 Mbit/s
95th percentile per-packet one-way delay: 87.237 ms
Loss rate: 43.51%
-- Flow 1:
Average throughput: 36.62 Mbit/s
95th percentile per-packet one-way delay: 87.237 ms
Loss rate: 43.51%
```

Run 4: Report of FillP-Sheep — Data Link

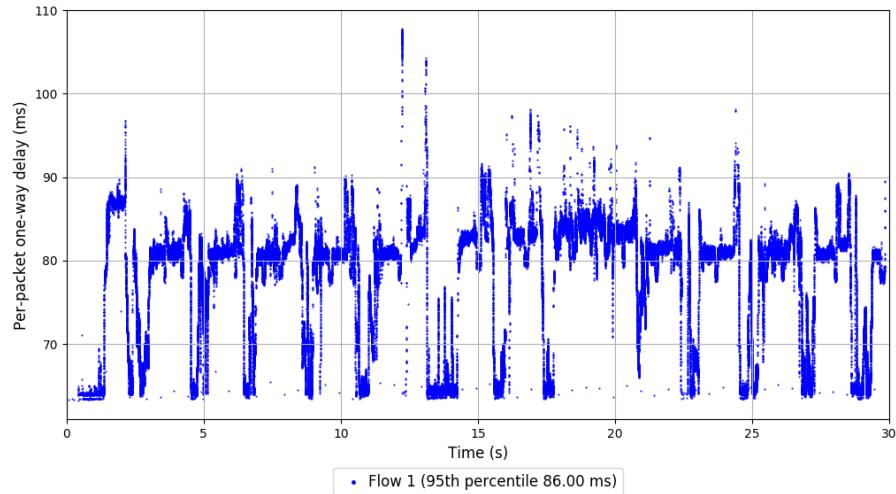
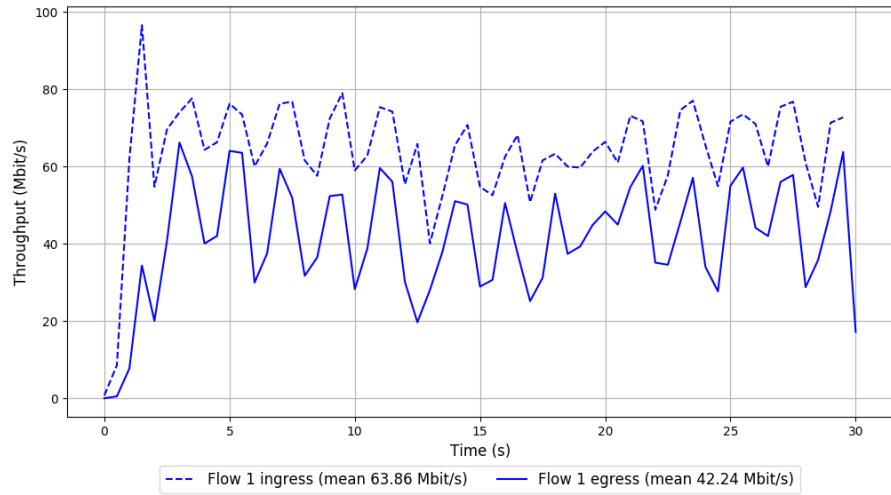


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-07-10 14:03:44
End at: 2018-07-10 14:04:14
Local clock offset: -0.289 ms
Remote clock offset: 11.203 ms

# Below is generated by plot.py at 2018-07-10 16:02:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.24 Mbit/s
95th percentile per-packet one-way delay: 85.995 ms
Loss rate: 34.19%
-- Flow 1:
Average throughput: 42.24 Mbit/s
95th percentile per-packet one-way delay: 85.995 ms
Loss rate: 34.19%
```

Run 5: Report of FillP-Sheep — Data Link

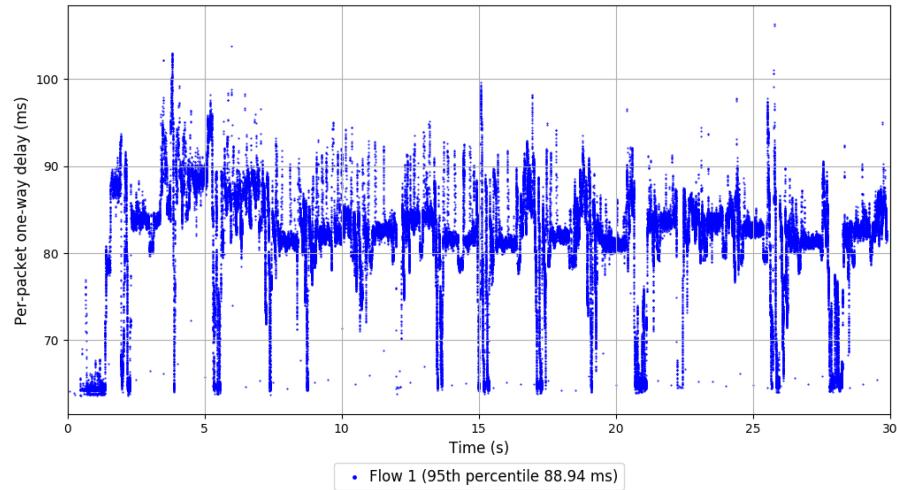
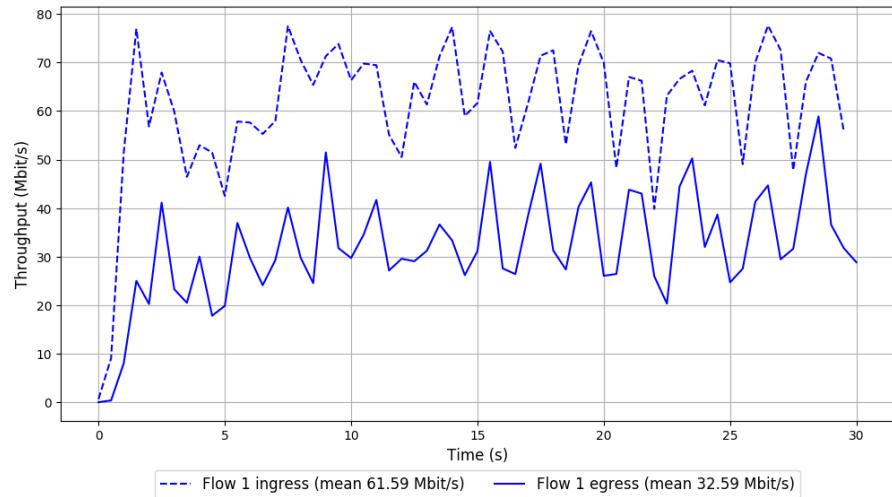


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-07-10 14:25:57
End at: 2018-07-10 14:26:28
Local clock offset: -0.176 ms
Remote clock offset: 33.457 ms

# Below is generated by plot.py at 2018-07-10 16:02:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 88.942 ms
Loss rate: 47.35%
-- Flow 1:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 88.942 ms
Loss rate: 47.35%
```

Run 6: Report of FillP-Sheep — Data Link

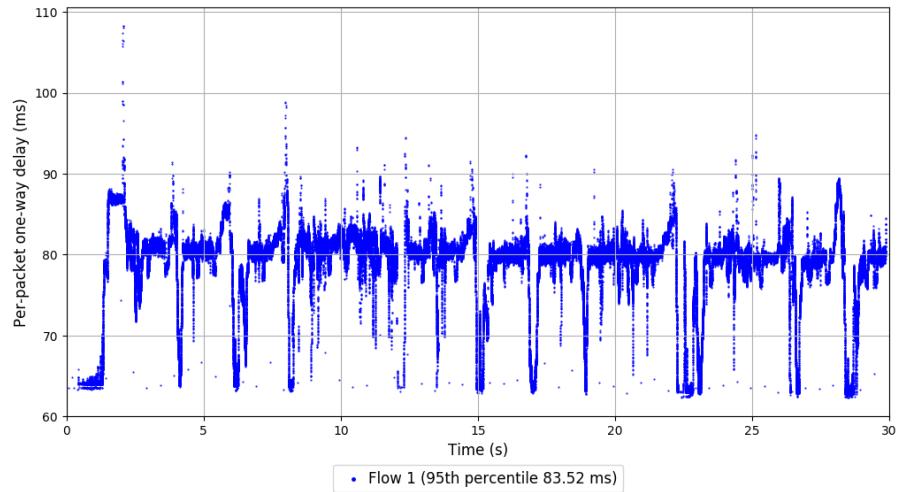
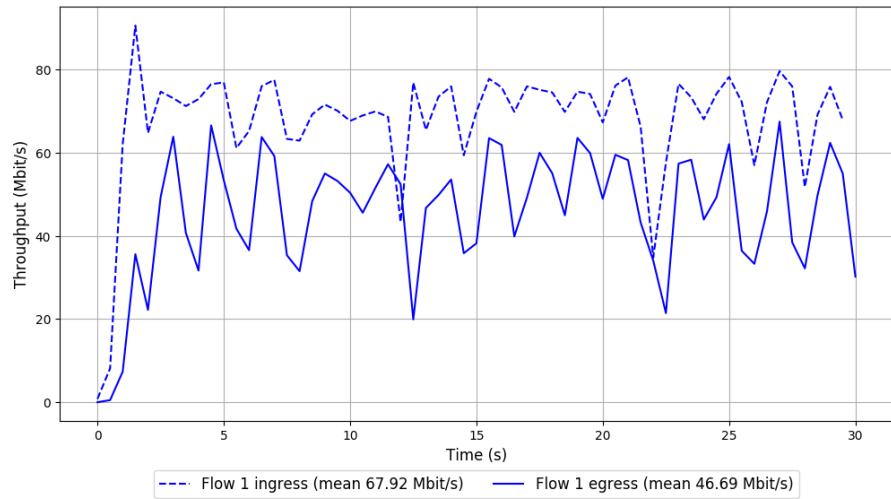


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-07-10 14:48:11
End at: 2018-07-10 14:48:41
Local clock offset: 0.15 ms
Remote clock offset: 28.48 ms

# Below is generated by plot.py at 2018-07-10 16:03:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.69 Mbit/s
95th percentile per-packet one-way delay: 83.516 ms
Loss rate: 31.60%
-- Flow 1:
Average throughput: 46.69 Mbit/s
95th percentile per-packet one-way delay: 83.516 ms
Loss rate: 31.60%
```

Run 7: Report of FillP-Sheep — Data Link

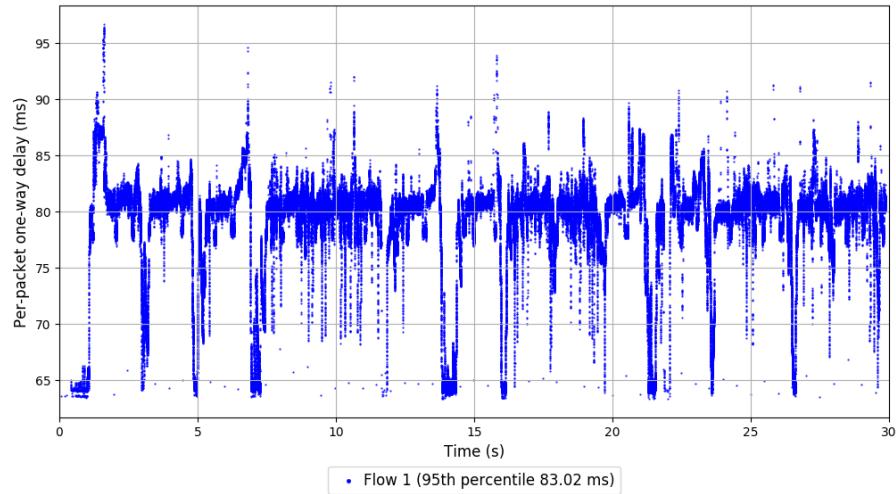
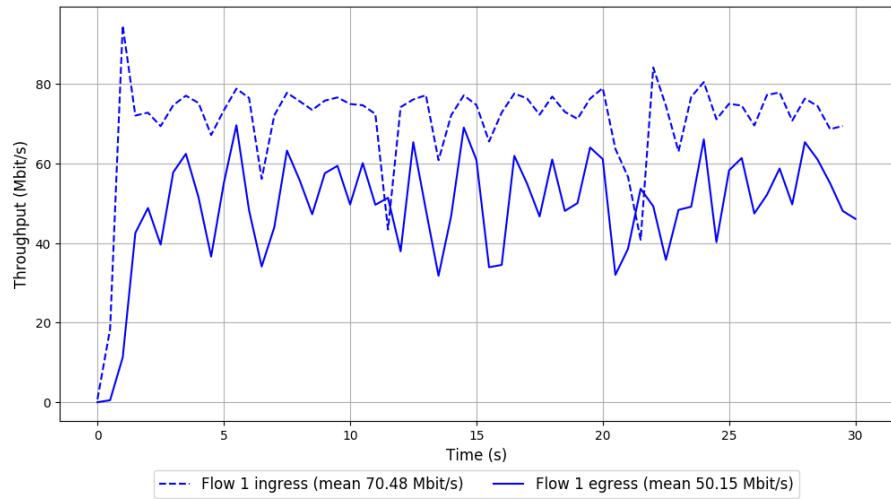


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-07-10 15:10:28
End at: 2018-07-10 15:10:58
Local clock offset: 0.4 ms
Remote clock offset: 0.777 ms

# Below is generated by plot.py at 2018-07-10 16:03:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 83.024 ms
Loss rate: 29.20%
-- Flow 1:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 83.024 ms
Loss rate: 29.20%
```

Run 8: Report of FillP-Sheep — Data Link

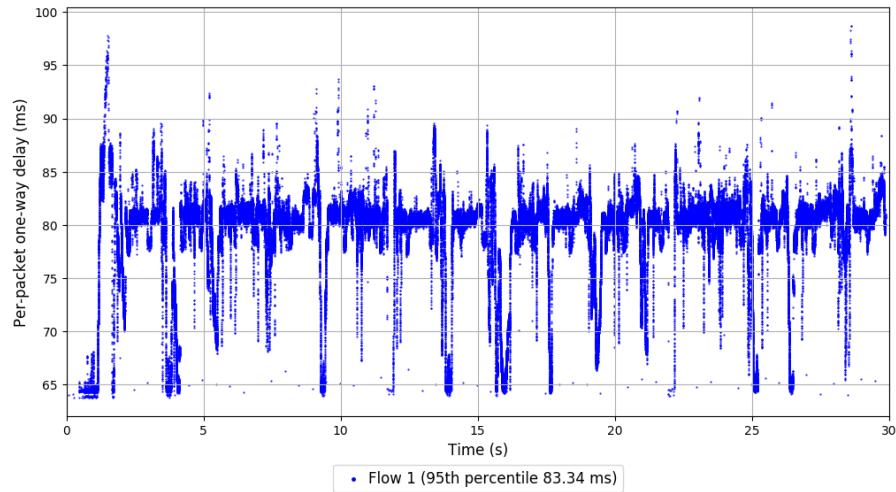
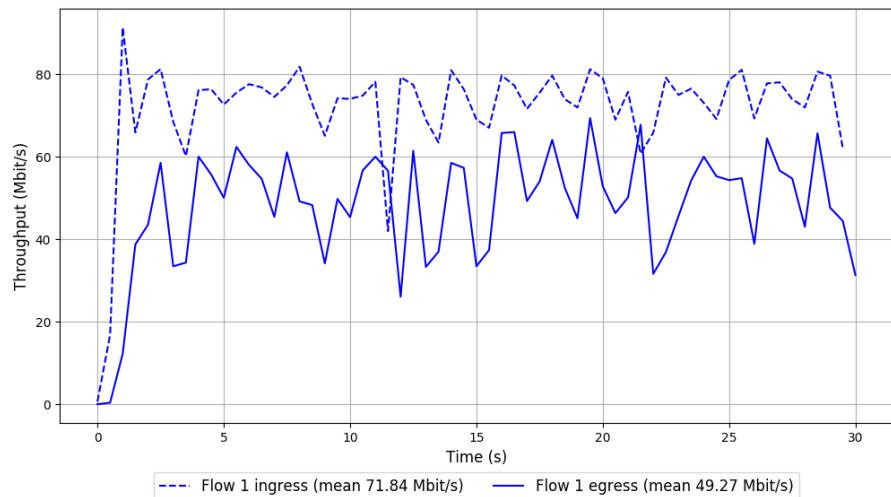


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-07-10 15:32:44
End at: 2018-07-10 15:33:14
Local clock offset: 0.143 ms
Remote clock offset: 8.324 ms

# Below is generated by plot.py at 2018-07-10 16:03:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.27 Mbit/s
95th percentile per-packet one-way delay: 83.342 ms
Loss rate: 31.77%
-- Flow 1:
Average throughput: 49.27 Mbit/s
95th percentile per-packet one-way delay: 83.342 ms
Loss rate: 31.77%
```

Run 9: Report of FillP-Sheep — Data Link

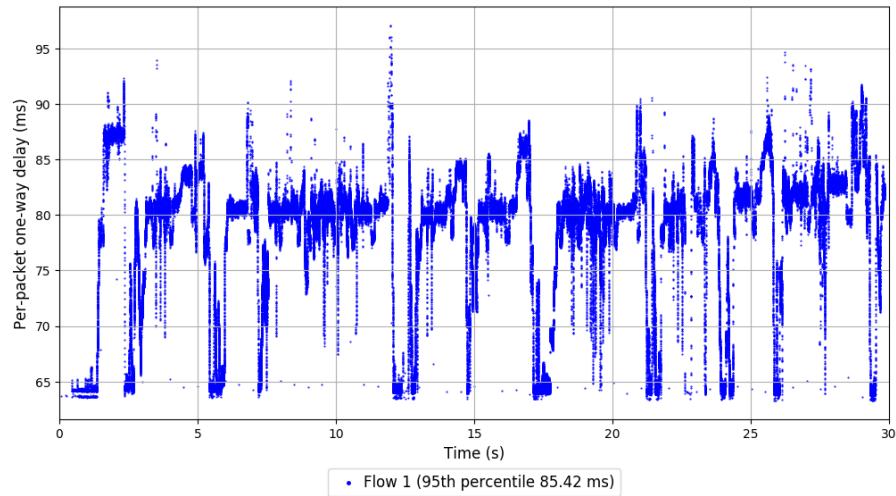
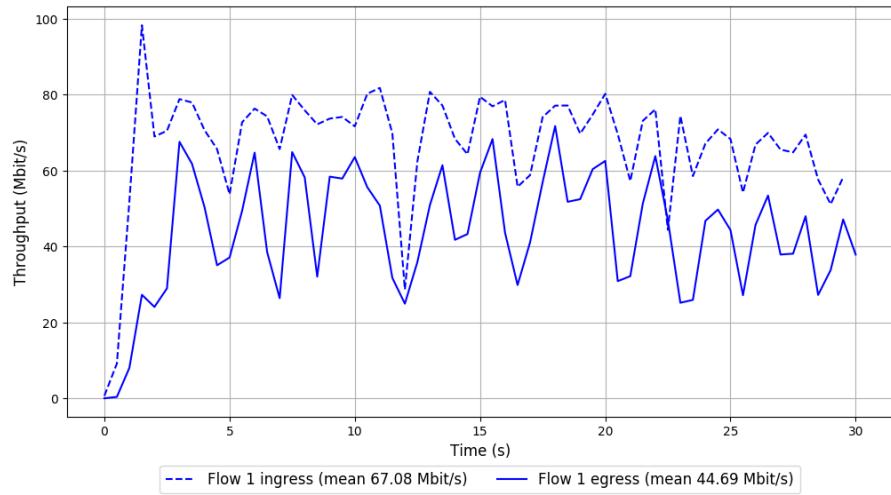


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-07-10 15:55:00
End at: 2018-07-10 15:55:30
Local clock offset: 0.203 ms
Remote clock offset: 5.749 ms

# Below is generated by plot.py at 2018-07-10 16:03:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.69 Mbit/s
95th percentile per-packet one-way delay: 85.415 ms
Loss rate: 33.72%
-- Flow 1:
Average throughput: 44.69 Mbit/s
95th percentile per-packet one-way delay: 85.415 ms
Loss rate: 33.72%
```

Run 10: Report of FillP-Sheep — Data Link

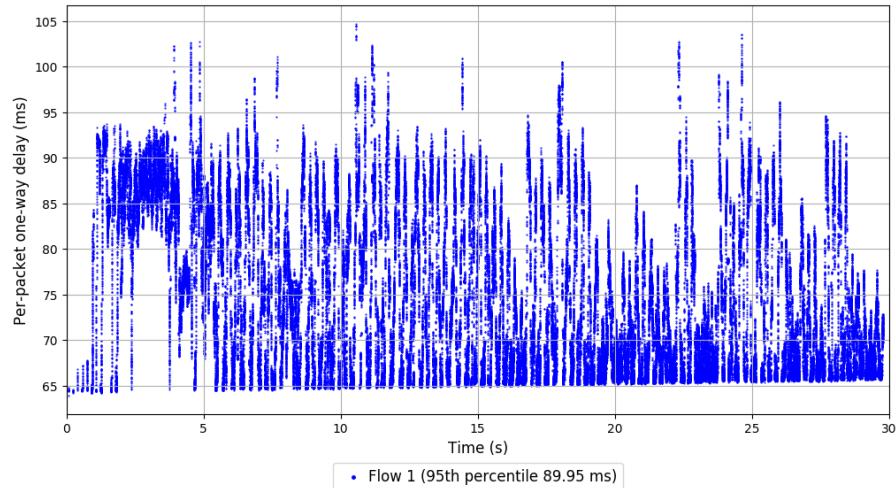
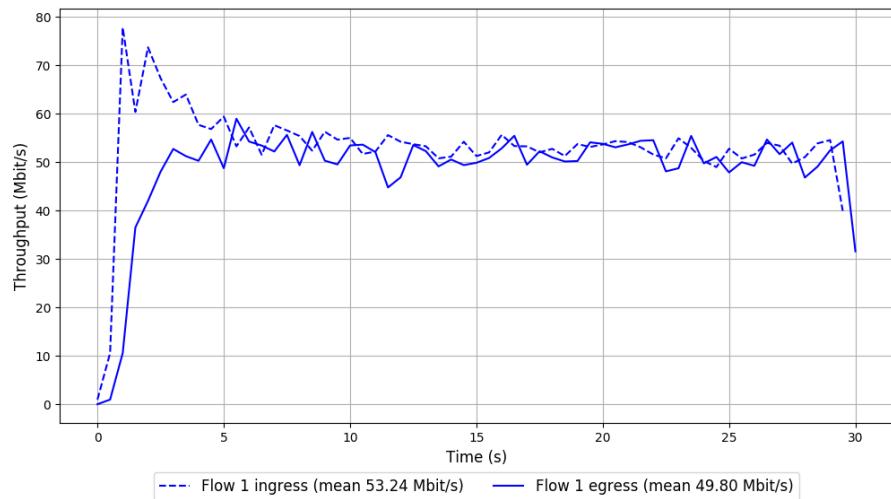


Run 1: Statistics of Indigo

```
Start at: 2018-07-10 12:30:57
End at: 2018-07-10 12:31:27
Local clock offset: -0.962 ms
Remote clock offset: 9.071 ms

# Below is generated by plot.py at 2018-07-10 16:03:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 89.954 ms
Loss rate: 6.93%
-- Flow 1:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 89.954 ms
Loss rate: 6.93%
```

Run 1: Report of Indigo — Data Link

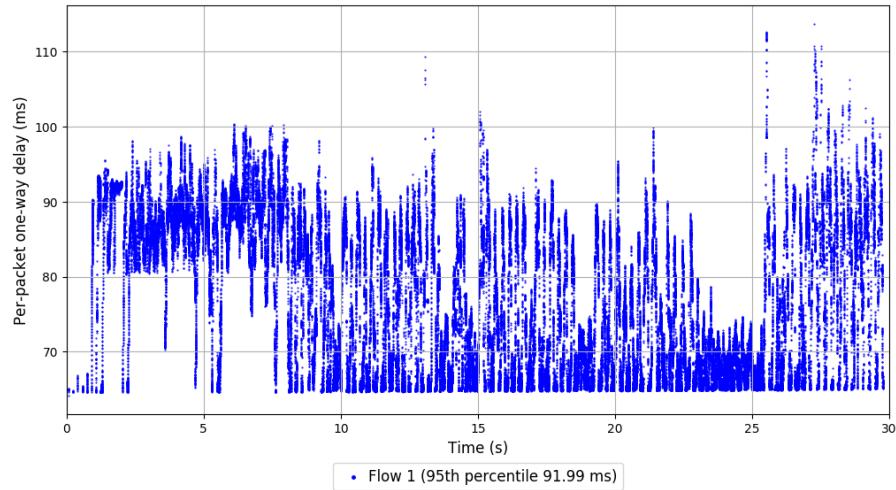
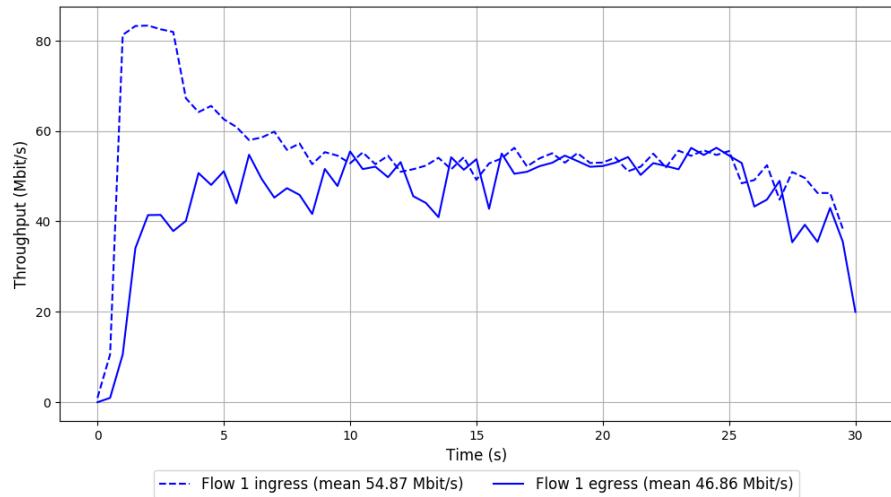


Run 2: Statistics of Indigo

```
Start at: 2018-07-10 12:53:12
End at: 2018-07-10 12:53:42
Local clock offset: -0.85 ms
Remote clock offset: 41.323 ms

# Below is generated by plot.py at 2018-07-10 16:03:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 91.991 ms
Loss rate: 15.03%
-- Flow 1:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 91.991 ms
Loss rate: 15.03%
```

Run 2: Report of Indigo — Data Link

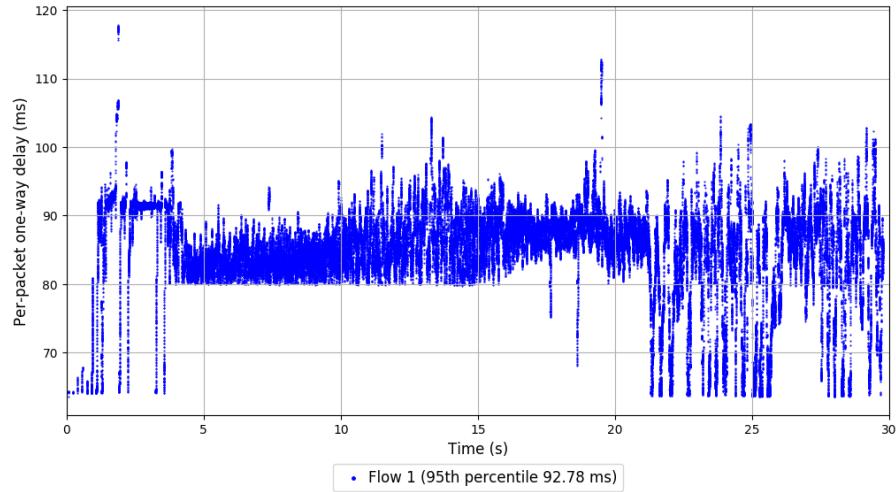
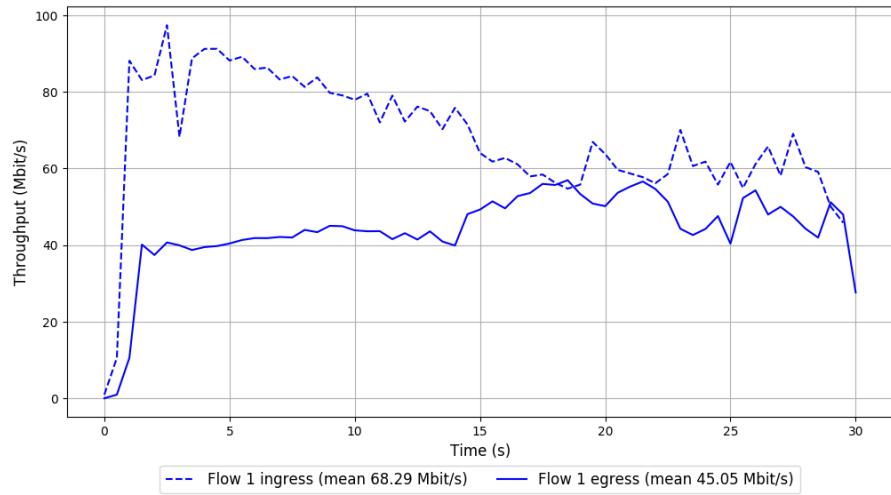


Run 3: Statistics of Indigo

```
Start at: 2018-07-10 13:15:26
End at: 2018-07-10 13:15:56
Local clock offset: -0.708 ms
Remote clock offset: 9.405 ms

# Below is generated by plot.py at 2018-07-10 16:03:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.05 Mbit/s
95th percentile per-packet one-way delay: 92.781 ms
Loss rate: 34.38%
-- Flow 1:
Average throughput: 45.05 Mbit/s
95th percentile per-packet one-way delay: 92.781 ms
Loss rate: 34.38%
```

Run 3: Report of Indigo — Data Link

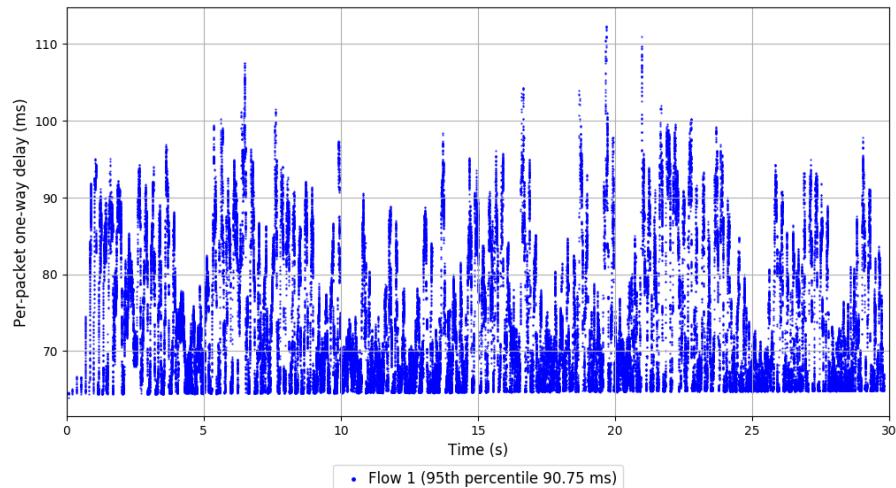
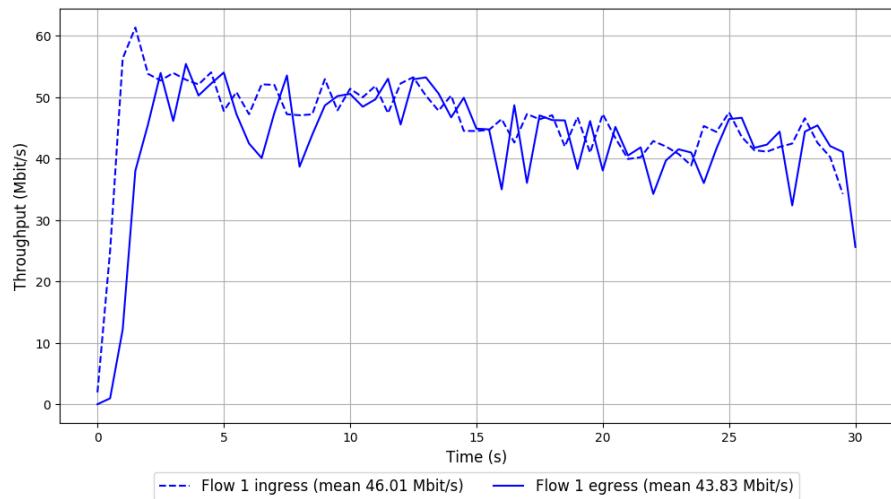


Run 4: Statistics of Indigo

```
Start at: 2018-07-10 13:37:39
End at: 2018-07-10 13:38:09
Local clock offset: -0.639 ms
Remote clock offset: 0.884 ms

# Below is generated by plot.py at 2018-07-10 16:03:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.83 Mbit/s
95th percentile per-packet one-way delay: 90.754 ms
Loss rate: 5.21%
-- Flow 1:
Average throughput: 43.83 Mbit/s
95th percentile per-packet one-way delay: 90.754 ms
Loss rate: 5.21%
```

Run 4: Report of Indigo — Data Link

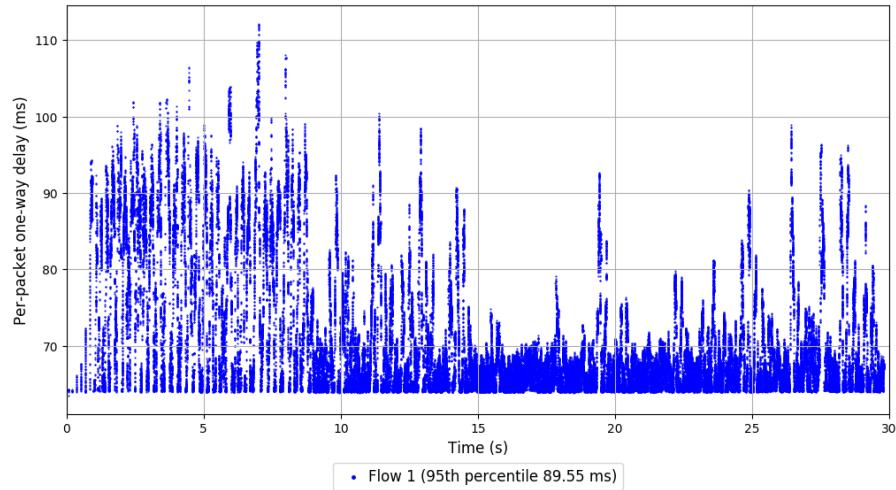
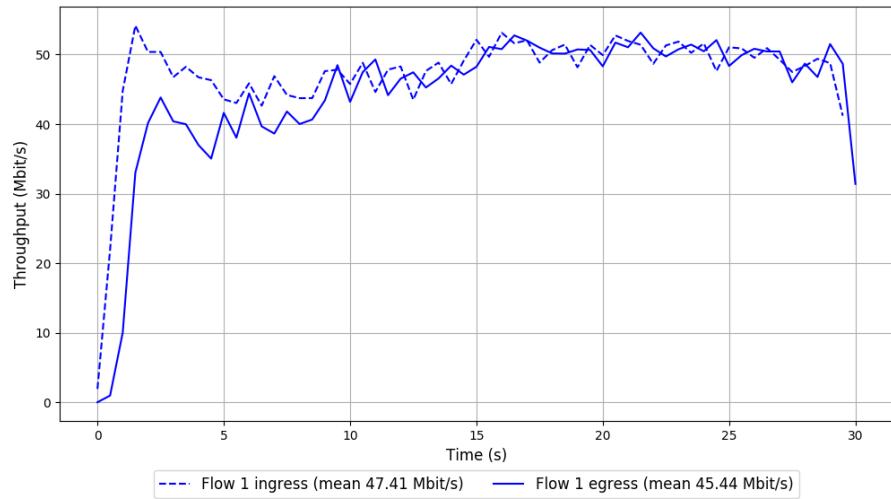


Run 5: Statistics of Indigo

```
Start at: 2018-07-10 13:59:50
End at: 2018-07-10 14:00:20
Local clock offset: -0.297 ms
Remote clock offset: 10.522 ms

# Below is generated by plot.py at 2018-07-10 16:03:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.44 Mbit/s
95th percentile per-packet one-way delay: 89.550 ms
Loss rate: 4.64%
-- Flow 1:
Average throughput: 45.44 Mbit/s
95th percentile per-packet one-way delay: 89.550 ms
Loss rate: 4.64%
```

Run 5: Report of Indigo — Data Link

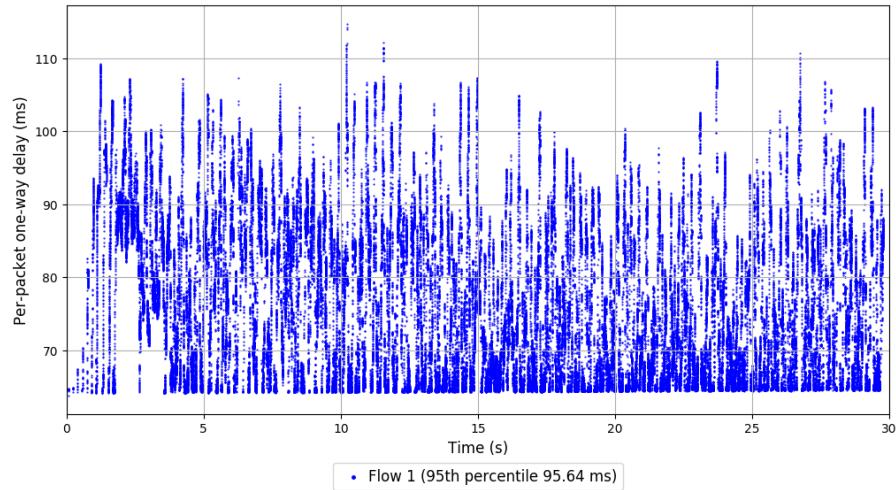
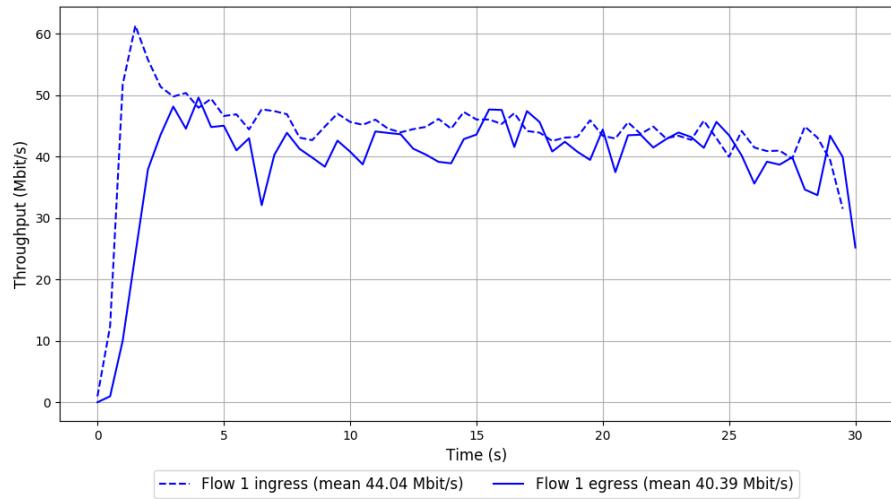


Run 6: Statistics of Indigo

```
Start at: 2018-07-10 14:22:03
End at: 2018-07-10 14:22:33
Local clock offset: -0.377 ms
Remote clock offset: 30.394 ms

# Below is generated by plot.py at 2018-07-10 16:03:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.39 Mbit/s
95th percentile per-packet one-way delay: 95.635 ms
Loss rate: 8.74%
-- Flow 1:
Average throughput: 40.39 Mbit/s
95th percentile per-packet one-way delay: 95.635 ms
Loss rate: 8.74%
```

Run 6: Report of Indigo — Data Link

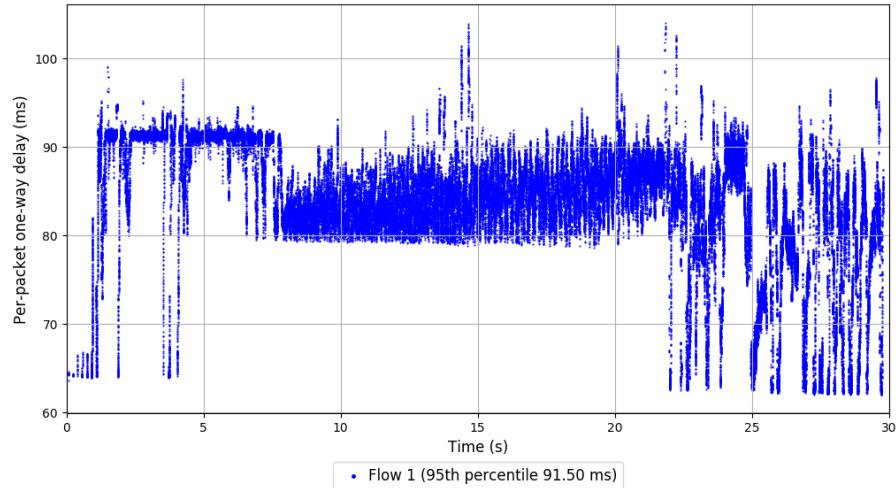
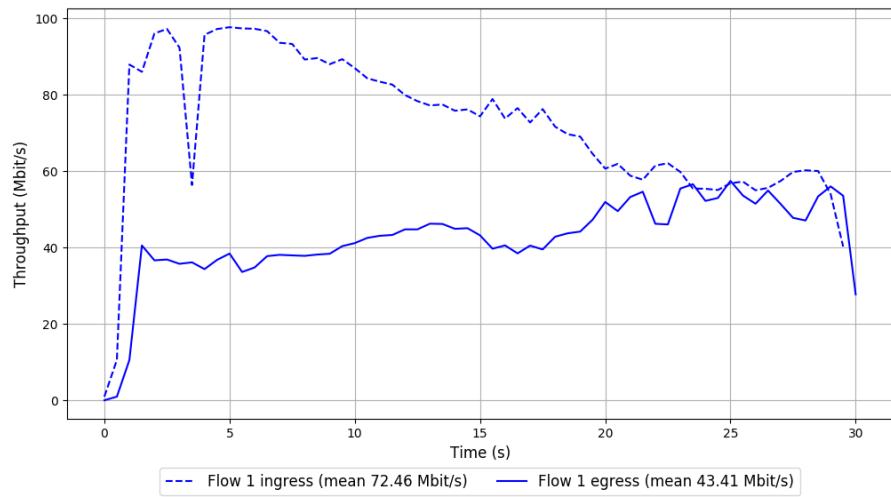


Run 7: Statistics of Indigo

```
Start at: 2018-07-10 14:44:15
End at: 2018-07-10 14:44:45
Local clock offset: 0.108 ms
Remote clock offset: 42.298 ms

# Below is generated by plot.py at 2018-07-10 16:03:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.41 Mbit/s
95th percentile per-packet one-way delay: 91.500 ms
Loss rate: 40.40%
-- Flow 1:
Average throughput: 43.41 Mbit/s
95th percentile per-packet one-way delay: 91.500 ms
Loss rate: 40.40%
```

Run 7: Report of Indigo — Data Link

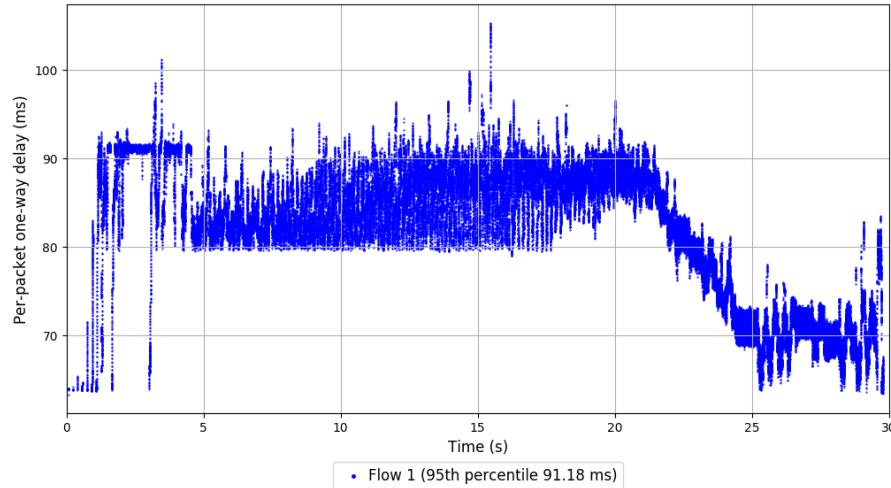
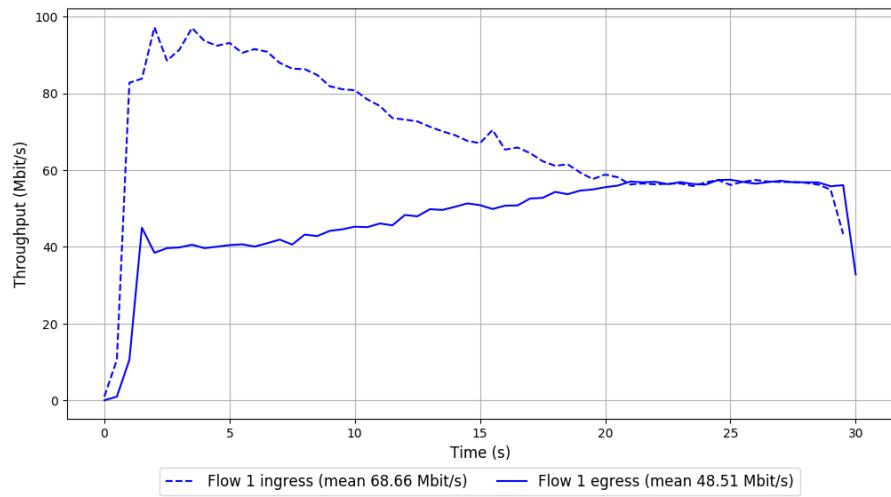


Run 8: Statistics of Indigo

```
Start at: 2018-07-10 15:06:32
End at: 2018-07-10 15:07:02
Local clock offset: 0.359 ms
Remote clock offset: 3.116 ms

# Below is generated by plot.py at 2018-07-10 16:03:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 91.182 ms
Loss rate: 29.70%
-- Flow 1:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 91.182 ms
Loss rate: 29.70%
```

Run 8: Report of Indigo — Data Link

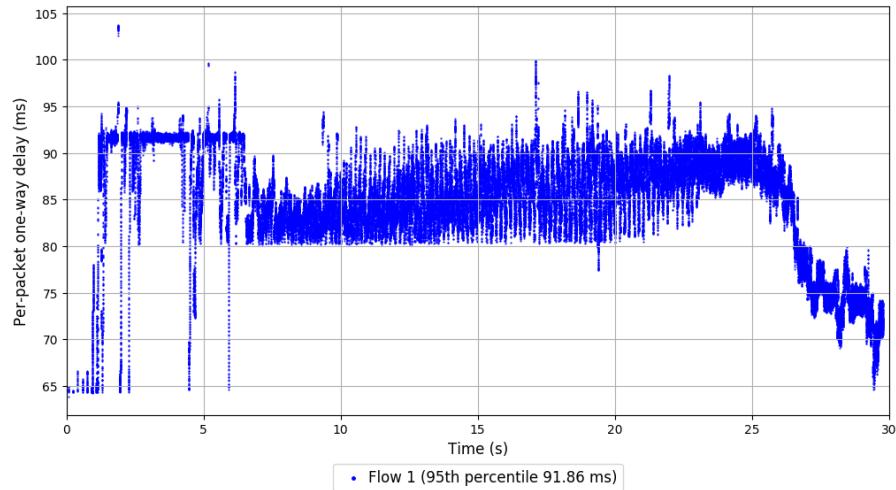
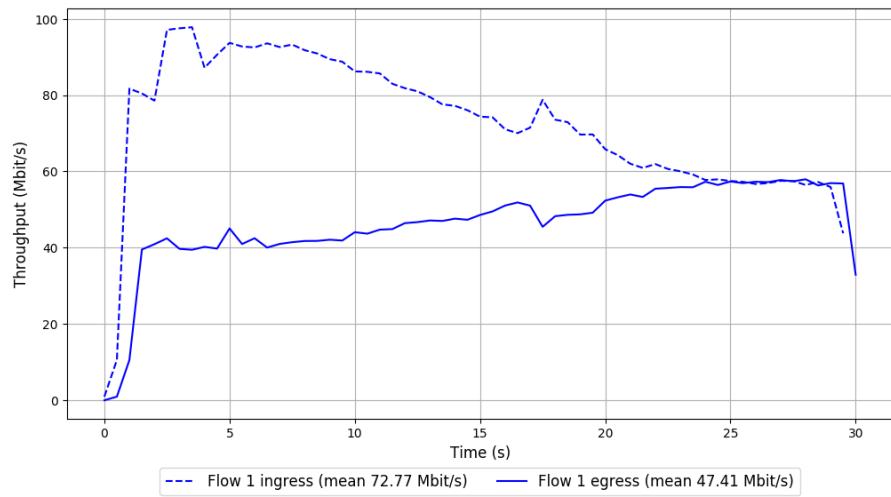


Run 9: Statistics of Indigo

```
Start at: 2018-07-10 15:28:47
End at: 2018-07-10 15:29:17
Local clock offset: 0.219 ms
Remote clock offset: 7.014 ms

# Below is generated by plot.py at 2018-07-10 16:04:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.41 Mbit/s
95th percentile per-packet one-way delay: 91.855 ms
Loss rate: 35.19%
-- Flow 1:
Average throughput: 47.41 Mbit/s
95th percentile per-packet one-way delay: 91.855 ms
Loss rate: 35.19%
```

Run 9: Report of Indigo — Data Link

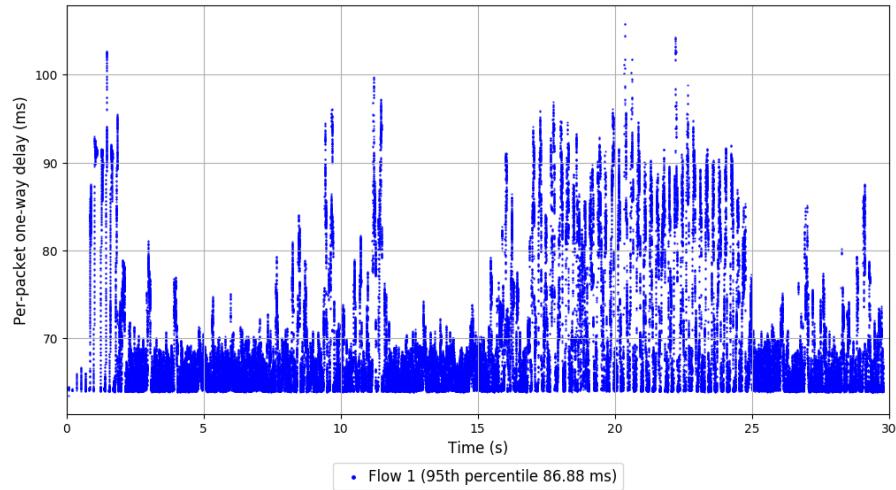
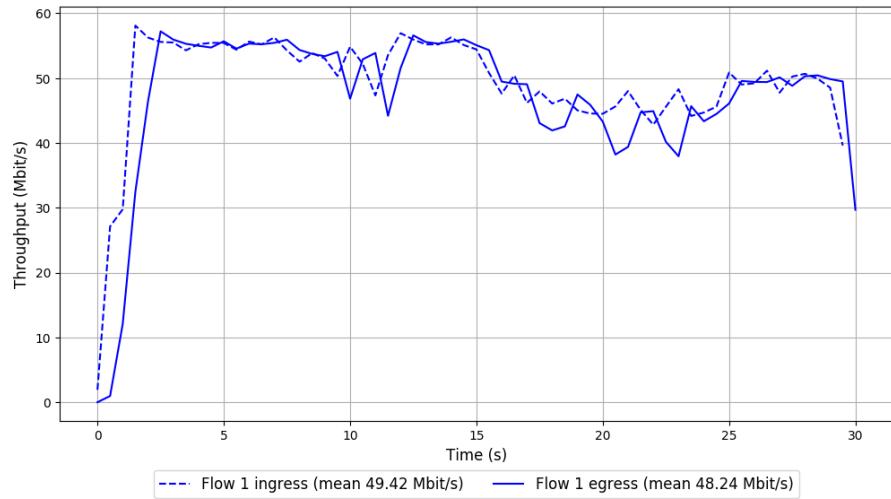


Run 10: Statistics of Indigo

```
Start at: 2018-07-10 15:51:06
End at: 2018-07-10 15:51:36
Local clock offset: 0.012 ms
Remote clock offset: 8.58 ms

# Below is generated by plot.py at 2018-07-10 16:04:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.24 Mbit/s
95th percentile per-packet one-way delay: 86.878 ms
Loss rate: 2.86%
-- Flow 1:
Average throughput: 48.24 Mbit/s
95th percentile per-packet one-way delay: 86.878 ms
Loss rate: 2.86%
```

Run 10: Report of Indigo — Data Link

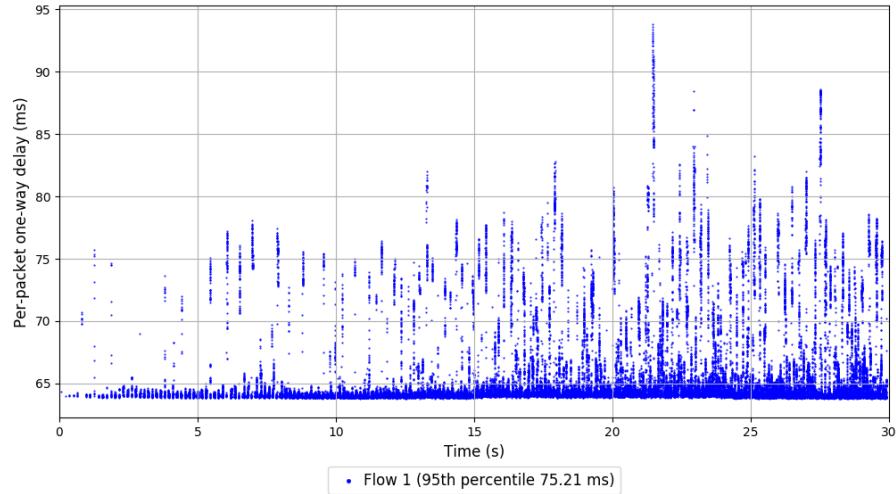
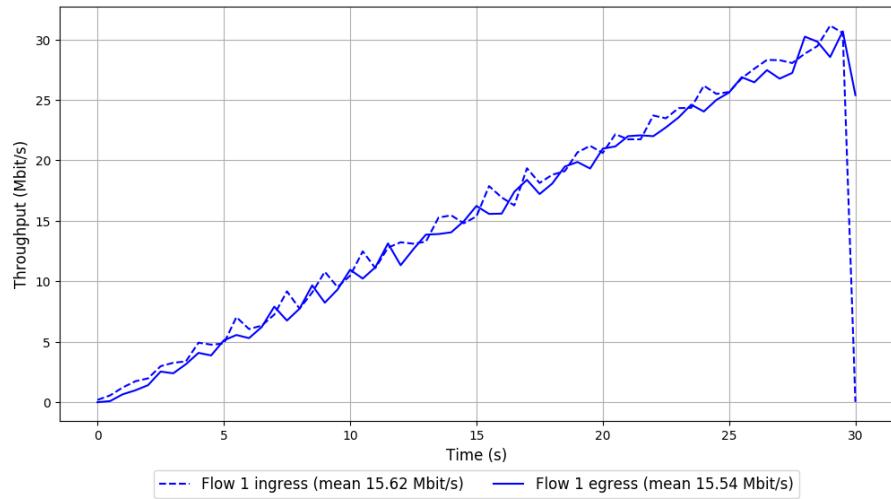


Run 1: Statistics of LEDBAT

```
Start at: 2018-07-10 12:24:22
End at: 2018-07-10 12:24:52
Local clock offset: -1.062 ms
Remote clock offset: -2.925 ms

# Below is generated by plot.py at 2018-07-10 16:04:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.54 Mbit/s
95th percentile per-packet one-way delay: 75.214 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 15.54 Mbit/s
95th percentile per-packet one-way delay: 75.214 ms
Loss rate: 1.00%
```

Run 1: Report of LEDBAT — Data Link

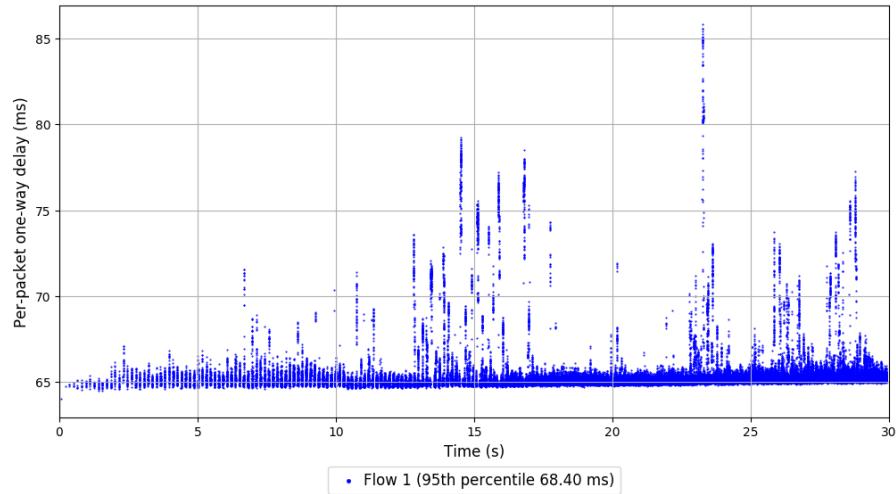
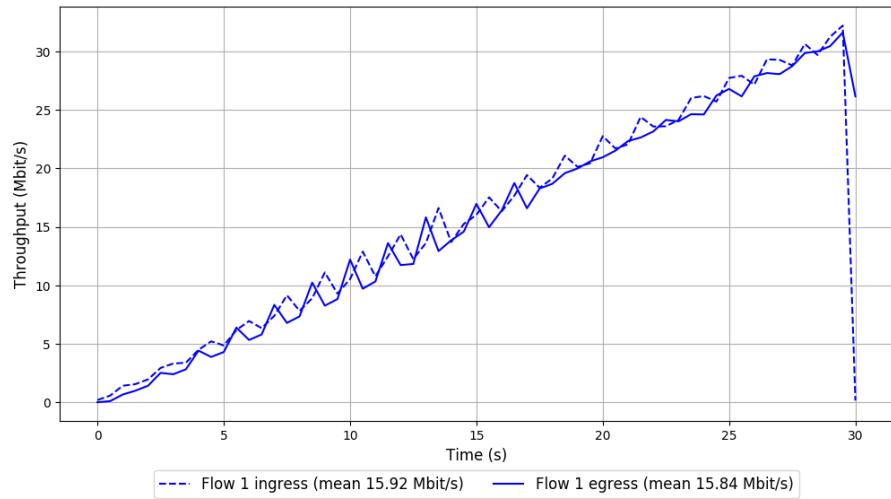


Run 2: Statistics of LEDBAT

```
Start at: 2018-07-10 12:46:35
End at: 2018-07-10 12:47:05
Local clock offset: -0.941 ms
Remote clock offset: 35.544 ms

# Below is generated by plot.py at 2018-07-10 16:04:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.84 Mbit/s
95th percentile per-packet one-way delay: 68.398 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 15.84 Mbit/s
95th percentile per-packet one-way delay: 68.398 ms
Loss rate: 1.00%
```

Run 2: Report of LEDBAT — Data Link

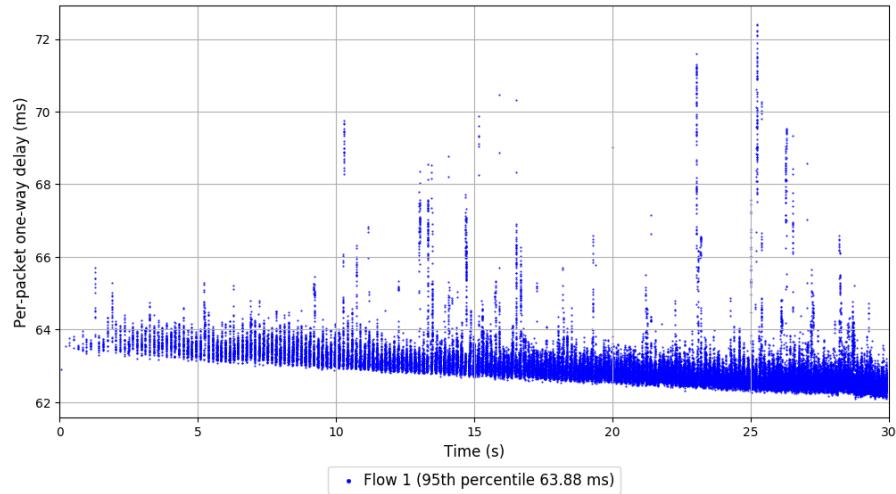
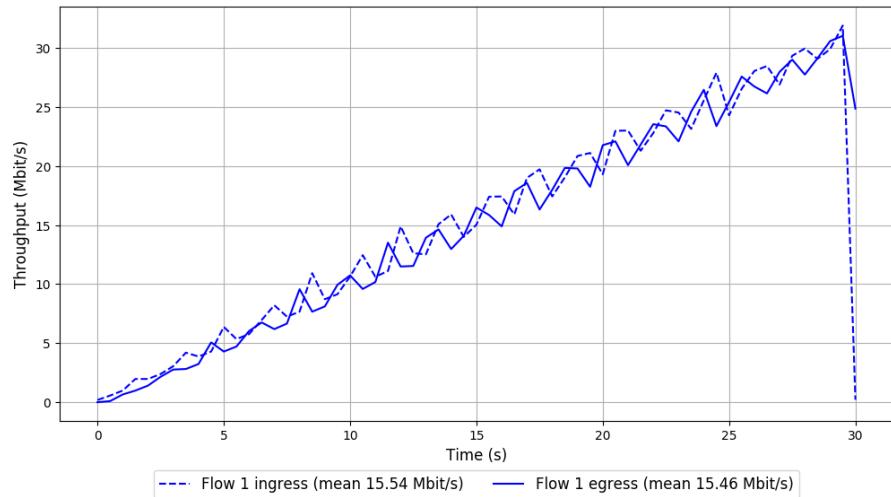


Run 3: Statistics of LEDBAT

```
Start at: 2018-07-10 13:08:50
End at: 2018-07-10 13:09:20
Local clock offset: -0.701 ms
Remote clock offset: 21.291 ms

# Below is generated by plot.py at 2018-07-10 16:04:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.46 Mbit/s
95th percentile per-packet one-way delay: 63.878 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 15.46 Mbit/s
95th percentile per-packet one-way delay: 63.878 ms
Loss rate: 1.01%
```

Run 3: Report of LEDBAT — Data Link

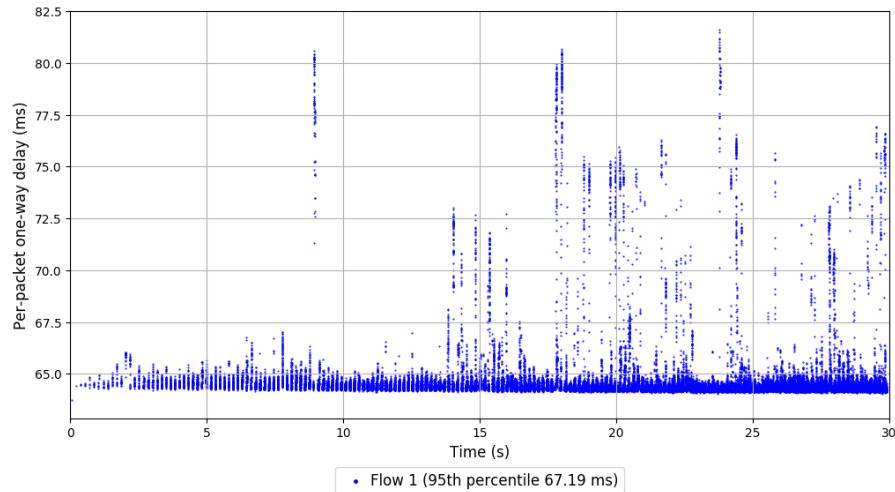
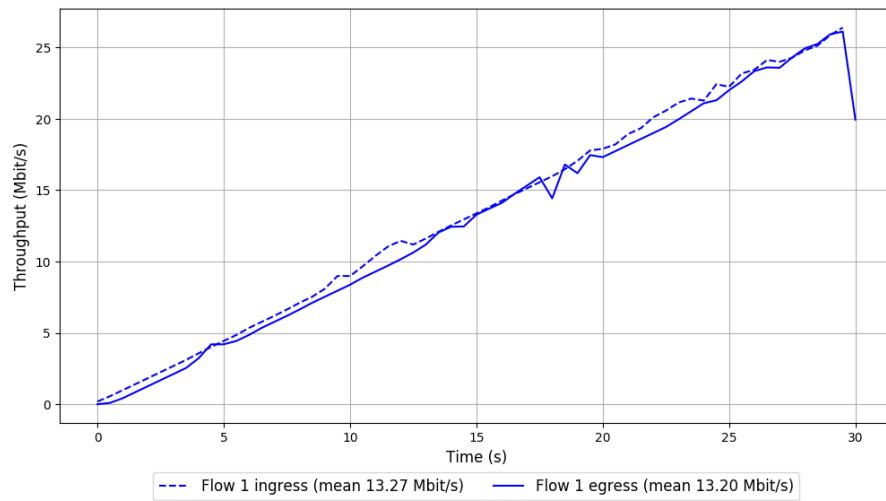


Run 4: Statistics of LEDBAT

```
Start at: 2018-07-10 13:31:04
End at: 2018-07-10 13:31:34
Local clock offset: -0.662 ms
Remote clock offset: 0.159 ms

# Below is generated by plot.py at 2018-07-10 16:04:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.20 Mbit/s
95th percentile per-packet one-way delay: 67.191 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 13.20 Mbit/s
95th percentile per-packet one-way delay: 67.191 ms
Loss rate: 1.02%
```

Run 4: Report of LEDBAT — Data Link

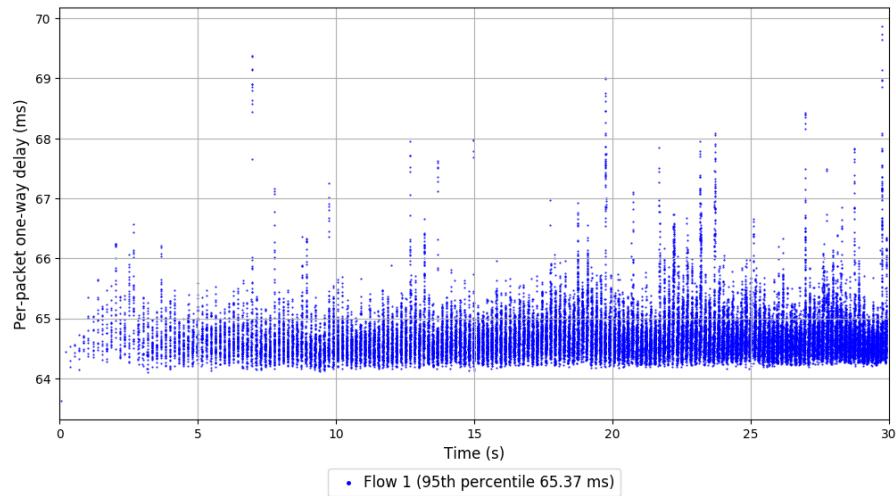
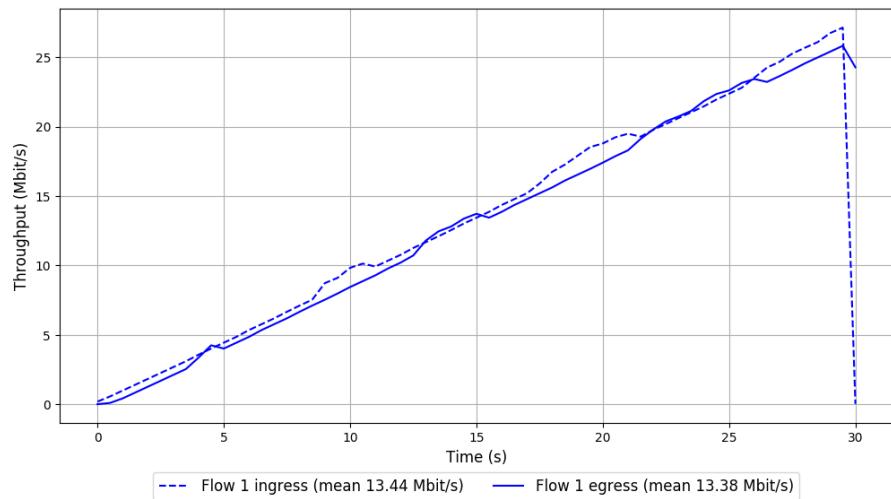


Run 5: Statistics of LEDBAT

```
Start at: 2018-07-10 13:53:15
End at: 2018-07-10 13:53:45
Local clock offset: -0.464 ms
Remote clock offset: 9.098 ms

# Below is generated by plot.py at 2018-07-10 16:04:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 65.374 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 65.374 ms
Loss rate: 0.92%
```

Run 5: Report of LEDBAT — Data Link

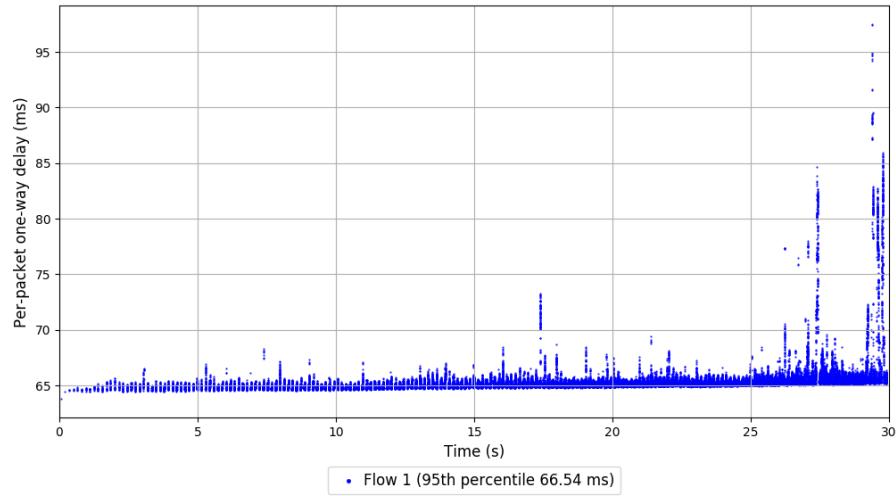
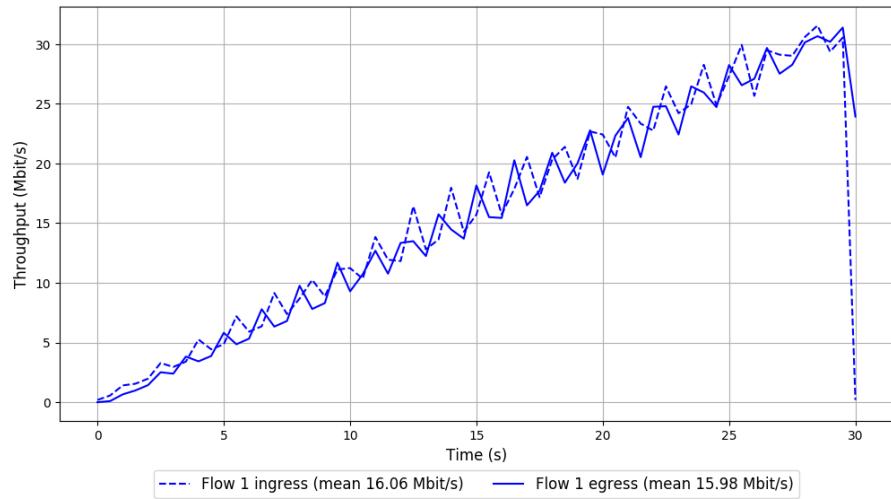


Run 6: Statistics of LEDBAT

```
Start at: 2018-07-10 14:15:28
End at: 2018-07-10 14:15:58
Local clock offset: -0.228 ms
Remote clock offset: 22.558 ms

# Below is generated by plot.py at 2018-07-10 16:04:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 66.538 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 66.538 ms
Loss rate: 0.99%
```

Run 6: Report of LEDBAT — Data Link

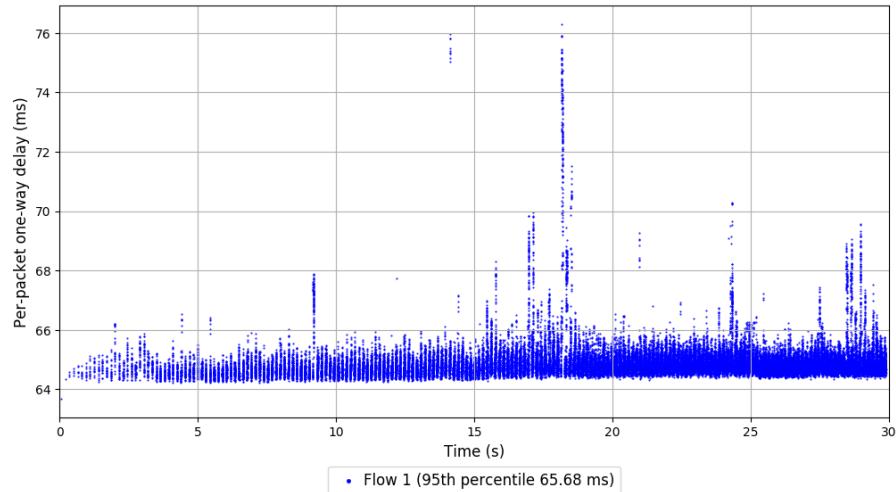
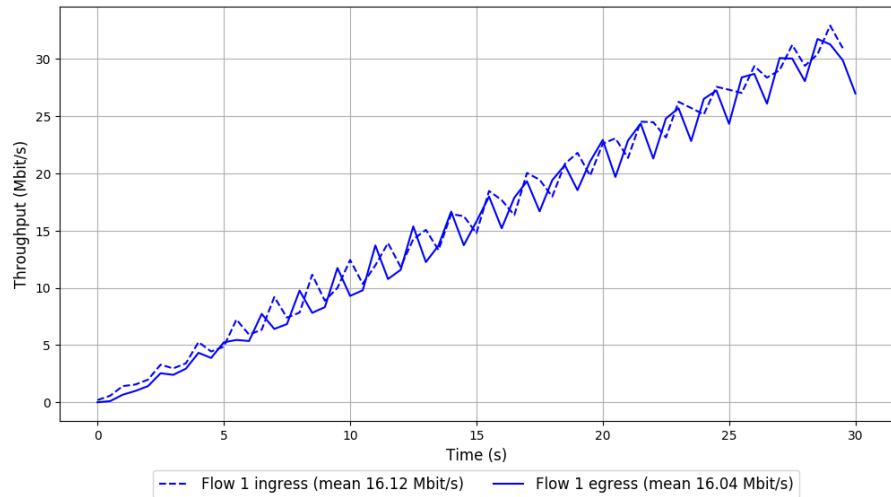


Run 7: Statistics of LEDBAT

```
Start at: 2018-07-10 14:37:41
End at: 2018-07-10 14:38:11
Local clock offset: -0.016 ms
Remote clock offset: 39.899 ms

# Below is generated by plot.py at 2018-07-10 16:04:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.04 Mbit/s
95th percentile per-packet one-way delay: 65.680 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 16.04 Mbit/s
95th percentile per-packet one-way delay: 65.680 ms
Loss rate: 1.00%
```

Run 7: Report of LEDBAT — Data Link

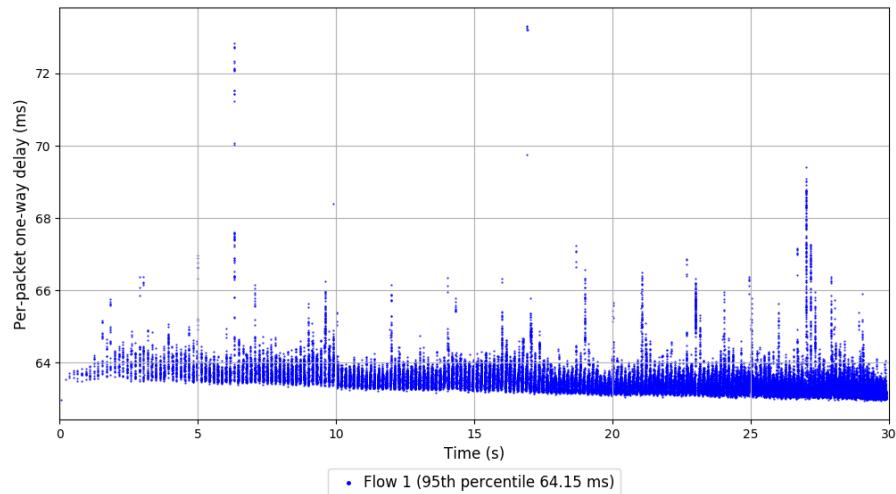
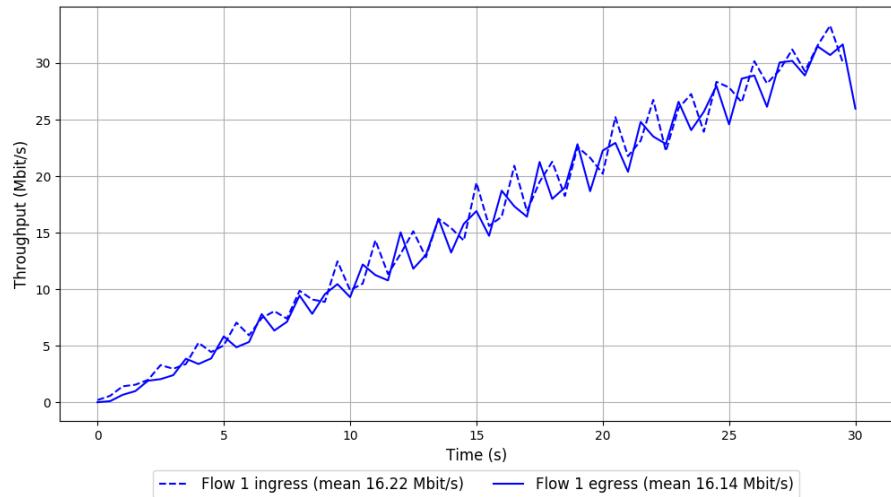


Run 8: Statistics of LEDBAT

```
Start at: 2018-07-10 14:59:55
End at: 2018-07-10 15:00:25
Local clock offset: 0.104 ms
Remote clock offset: 8.438 ms

# Below is generated by plot.py at 2018-07-10 16:04:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.14 Mbit/s
95th percentile per-packet one-way delay: 64.147 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 16.14 Mbit/s
95th percentile per-packet one-way delay: 64.147 ms
Loss rate: 0.99%
```

Run 8: Report of LEDBAT — Data Link

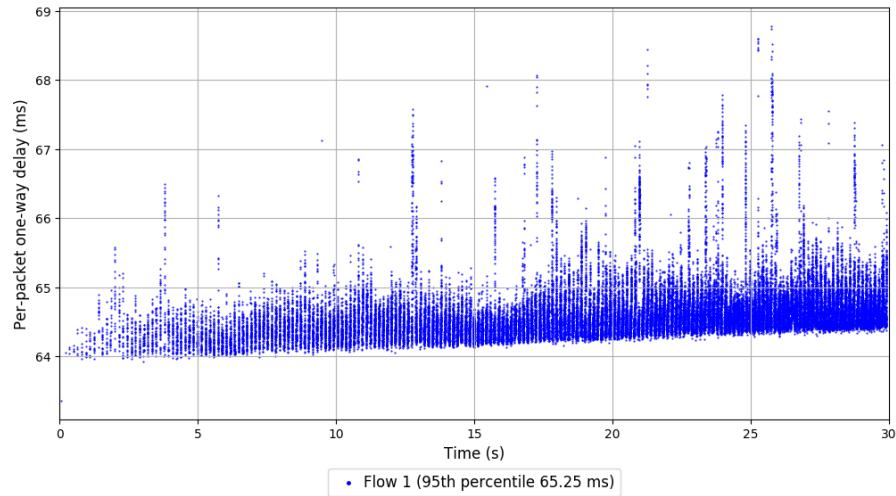
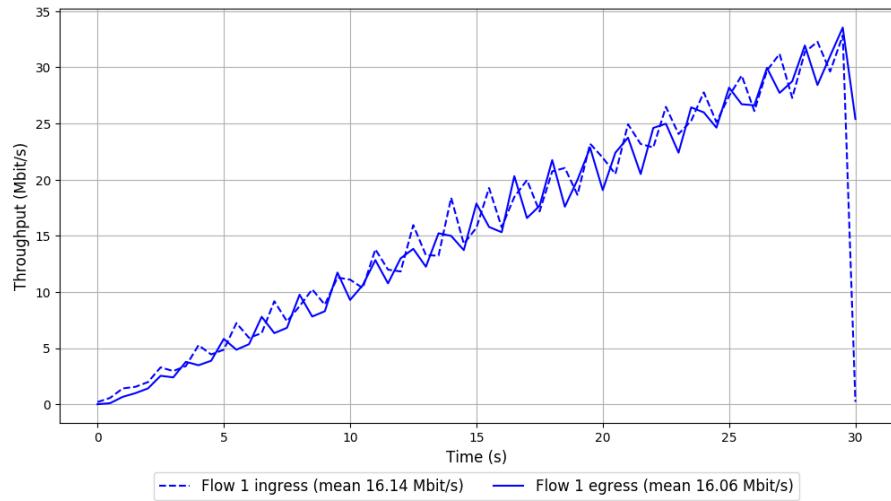


Run 9: Statistics of LEDBAT

```
Start at: 2018-07-10 15:22:13
End at: 2018-07-10 15:22:43
Local clock offset: 0.205 ms
Remote clock offset: 2.332 ms

# Below is generated by plot.py at 2018-07-10 16:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.06 Mbit/s
95th percentile per-packet one-way delay: 65.255 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 16.06 Mbit/s
95th percentile per-packet one-way delay: 65.255 ms
Loss rate: 0.99%
```

Run 9: Report of LEDBAT — Data Link

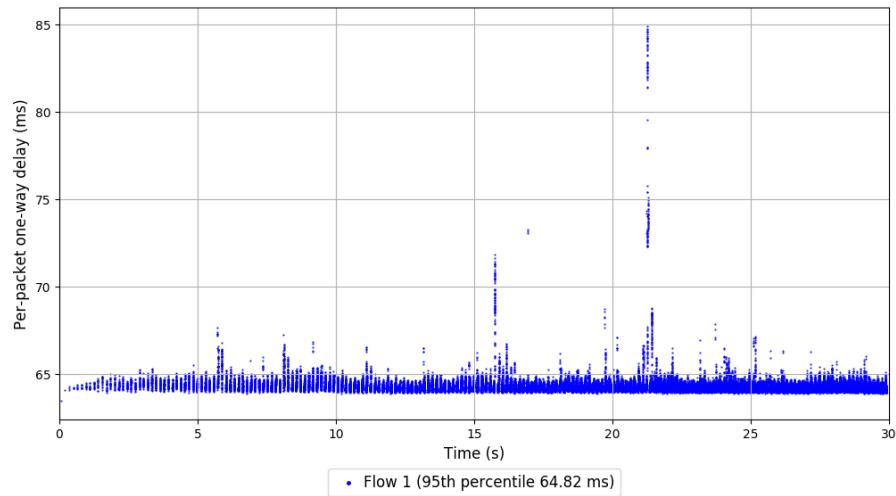
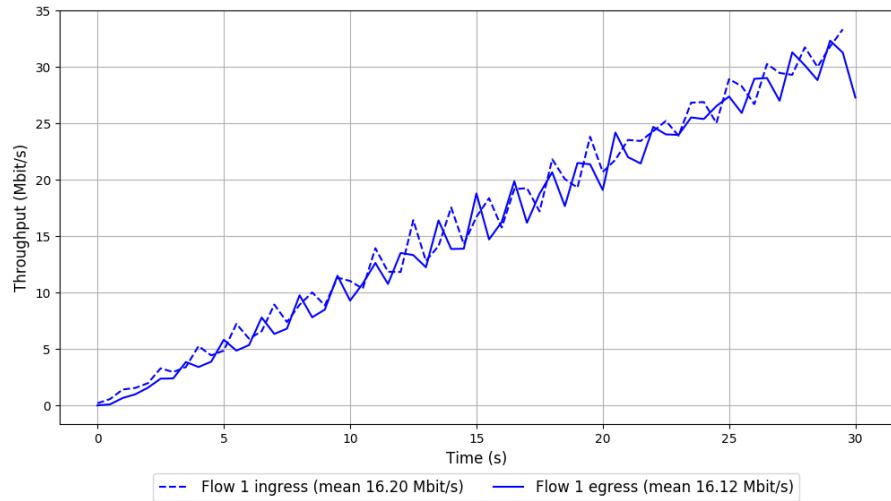


Run 10: Statistics of LEDBAT

```
Start at: 2018-07-10 15:44:30
End at: 2018-07-10 15:45:00
Local clock offset: 0.348 ms
Remote clock offset: 8.987 ms

# Below is generated by plot.py at 2018-07-10 16:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.12 Mbit/s
95th percentile per-packet one-way delay: 64.820 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 16.12 Mbit/s
95th percentile per-packet one-way delay: 64.820 ms
Loss rate: 0.99%
```

Run 10: Report of LEDBAT — Data Link

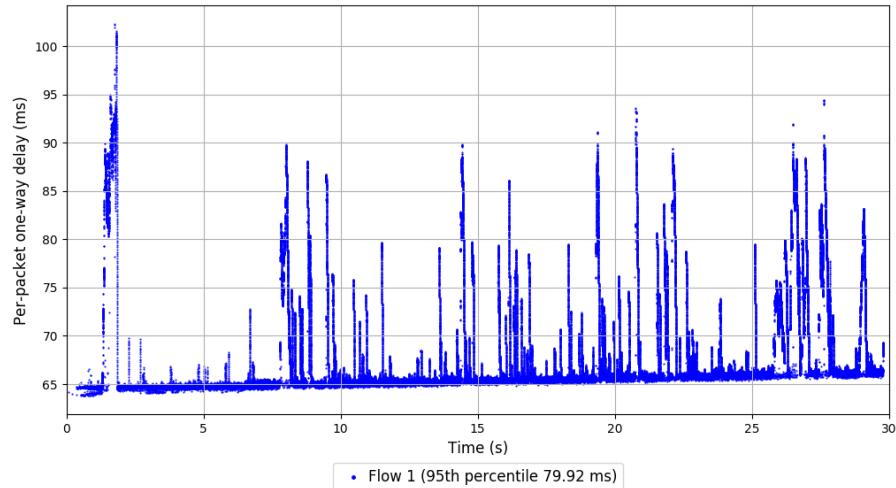
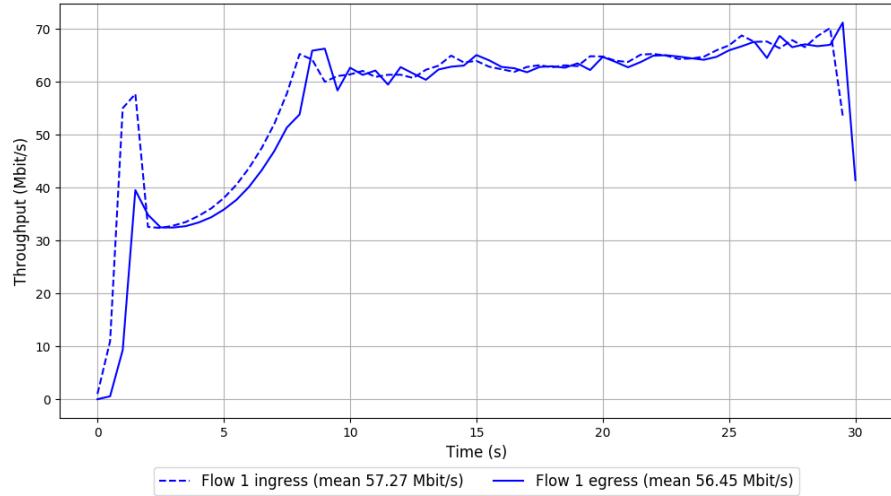


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-07-10 12:29:38
End at: 2018-07-10 12:30:08
Local clock offset: -0.967 ms
Remote clock offset: 4.848 ms

# Below is generated by plot.py at 2018-07-10 16:04:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.45 Mbit/s
95th percentile per-packet one-way delay: 79.920 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 56.45 Mbit/s
95th percentile per-packet one-way delay: 79.920 ms
Loss rate: 1.92%
```

Run 1: Report of PCC-Allegro — Data Link

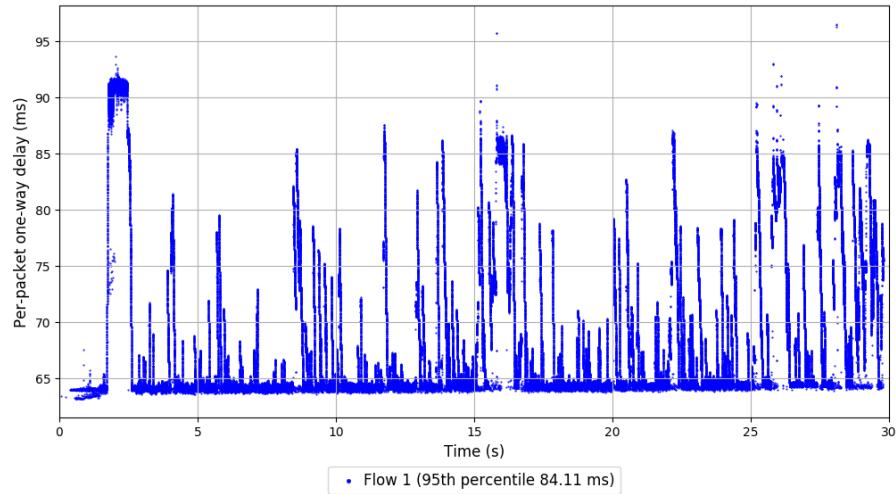
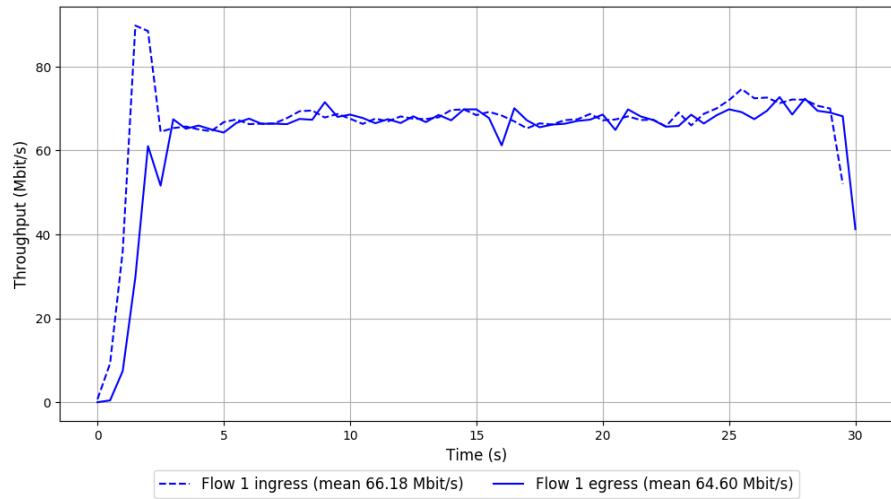


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-07-10 12:51:52
End at: 2018-07-10 12:52:22
Local clock offset: -1.09 ms
Remote clock offset: 40.386 ms

# Below is generated by plot.py at 2018-07-10 16:04:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.60 Mbit/s
95th percentile per-packet one-way delay: 84.111 ms
Loss rate: 2.87%
-- Flow 1:
Average throughput: 64.60 Mbit/s
95th percentile per-packet one-way delay: 84.111 ms
Loss rate: 2.87%
```

Run 2: Report of PCC-Allegro — Data Link

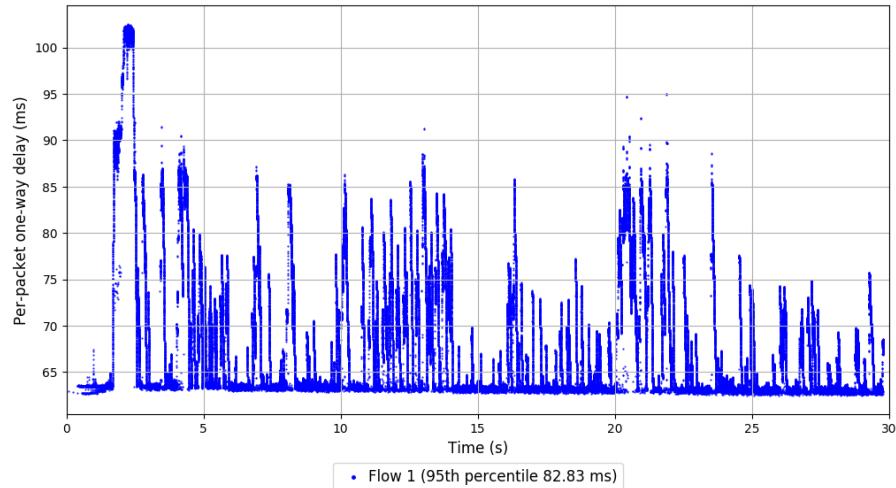
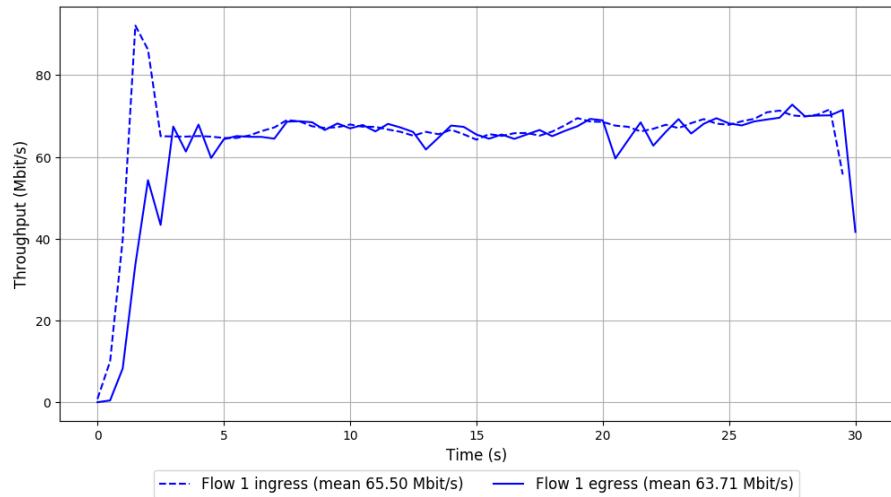


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-07-10 13:14:07
End at: 2018-07-10 13:14:37
Local clock offset: -0.753 ms
Remote clock offset: 11.246 ms

# Below is generated by plot.py at 2018-07-10 16:04:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.71 Mbit/s
95th percentile per-packet one-way delay: 82.831 ms
Loss rate: 3.23%
-- Flow 1:
Average throughput: 63.71 Mbit/s
95th percentile per-packet one-way delay: 82.831 ms
Loss rate: 3.23%
```

Run 3: Report of PCC-Allegro — Data Link

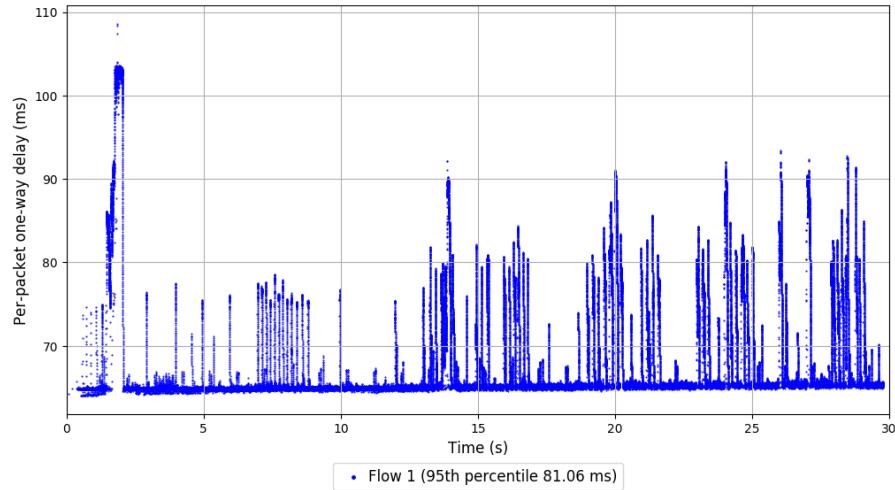
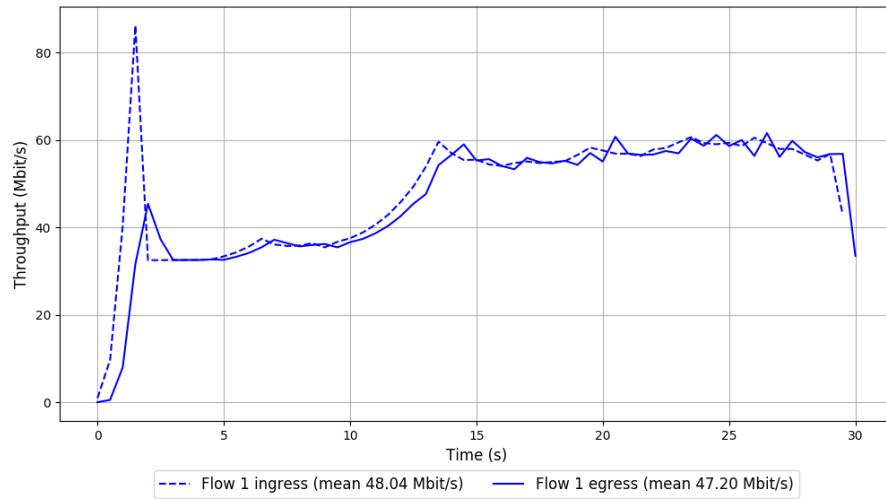


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-07-10 13:36:20
End at: 2018-07-10 13:36:50
Local clock offset: -0.373 ms
Remote clock offset: -0.583 ms

# Below is generated by plot.py at 2018-07-10 16:04:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 81.064 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 81.064 ms
Loss rate: 2.22%
```

Run 4: Report of PCC-Allegro — Data Link

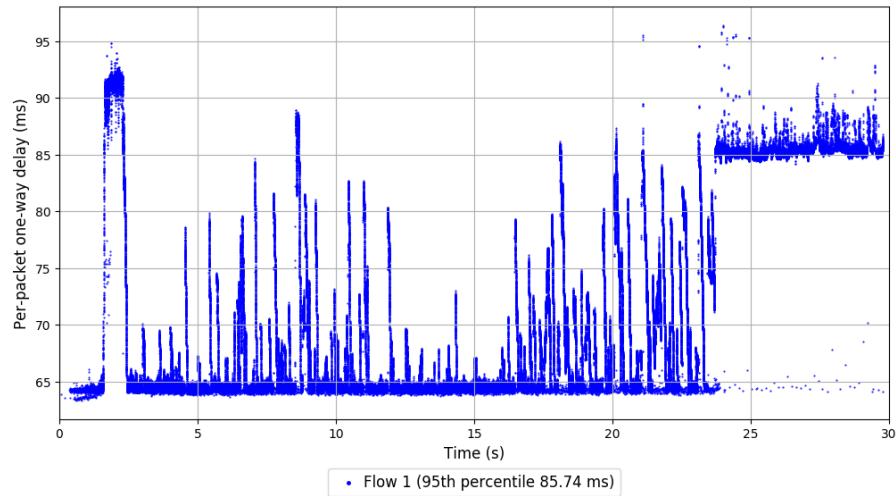
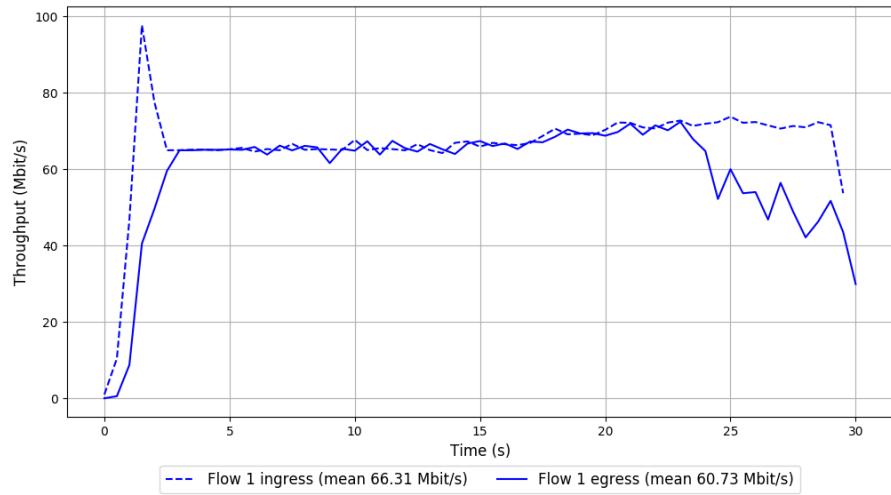


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-07-10 13:58:31
End at: 2018-07-10 13:59:01
Local clock offset: -0.479 ms
Remote clock offset: 10.288 ms

# Below is generated by plot.py at 2018-07-10 16:04:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.73 Mbit/s
95th percentile per-packet one-way delay: 85.740 ms
Loss rate: 8.87%
-- Flow 1:
Average throughput: 60.73 Mbit/s
95th percentile per-packet one-way delay: 85.740 ms
Loss rate: 8.87%
```

Run 5: Report of PCC-Allegro — Data Link

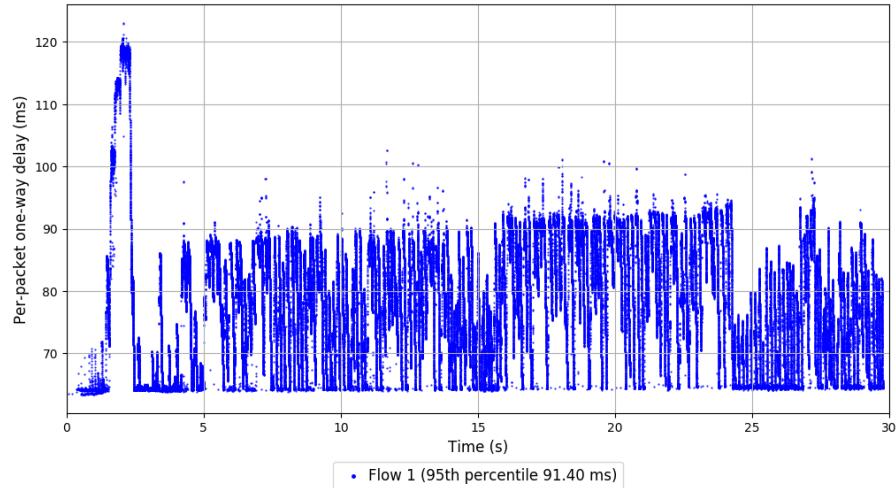
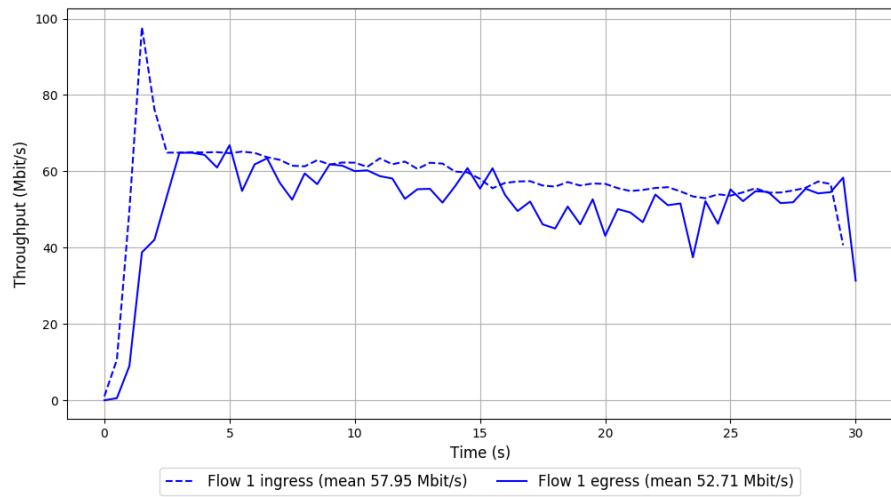


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-07-10 14:20:44
End at: 2018-07-10 14:21:14
Local clock offset: -0.25 ms
Remote clock offset: 29.198 ms

# Below is generated by plot.py at 2018-07-10 16:04:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.71 Mbit/s
95th percentile per-packet one-way delay: 91.398 ms
Loss rate: 9.51%
-- Flow 1:
Average throughput: 52.71 Mbit/s
95th percentile per-packet one-way delay: 91.398 ms
Loss rate: 9.51%
```

Run 6: Report of PCC-Allegro — Data Link

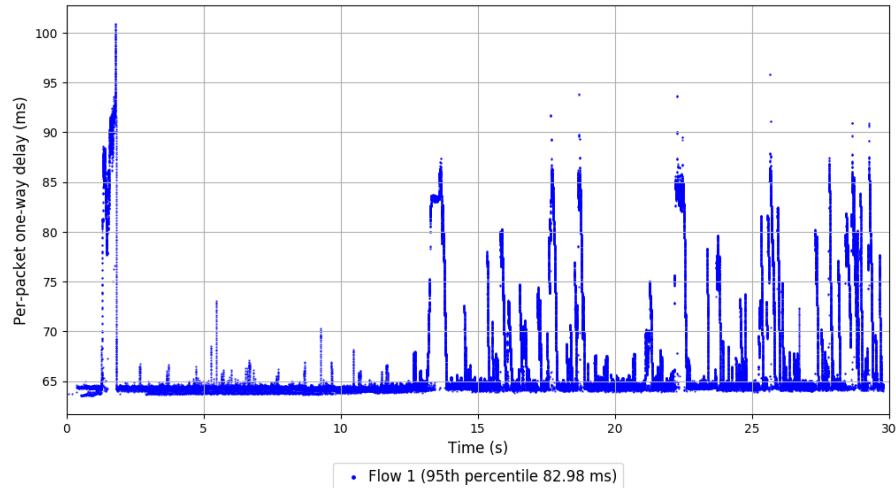
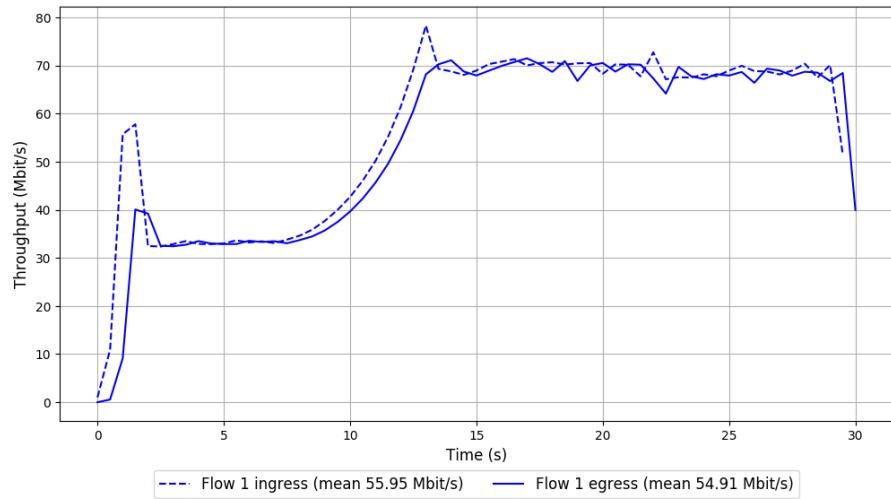


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-07-10 14:42:56
End at: 2018-07-10 14:43:26
Local clock offset: 0.073 ms
Remote clock offset: 42.345 ms

# Below is generated by plot.py at 2018-07-10 16:04:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.91 Mbit/s
95th percentile per-packet one-way delay: 82.985 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 54.91 Mbit/s
95th percentile per-packet one-way delay: 82.985 ms
Loss rate: 2.34%
```

Run 7: Report of PCC-Allegro — Data Link

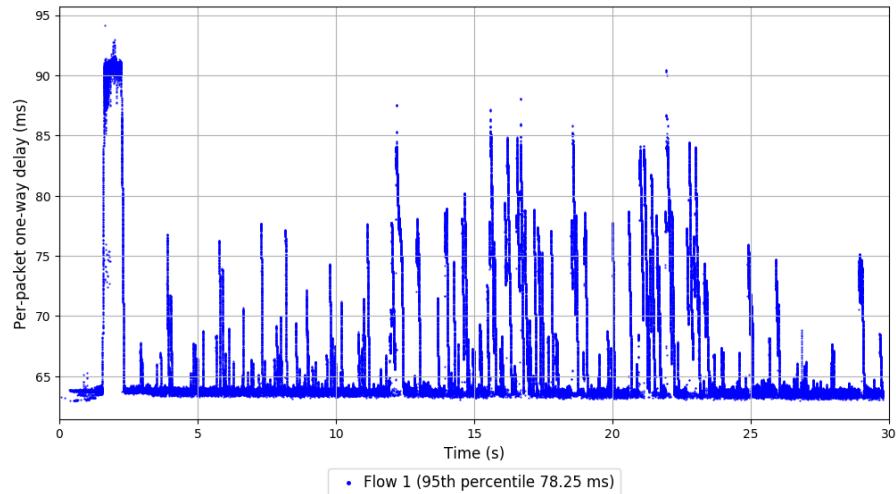
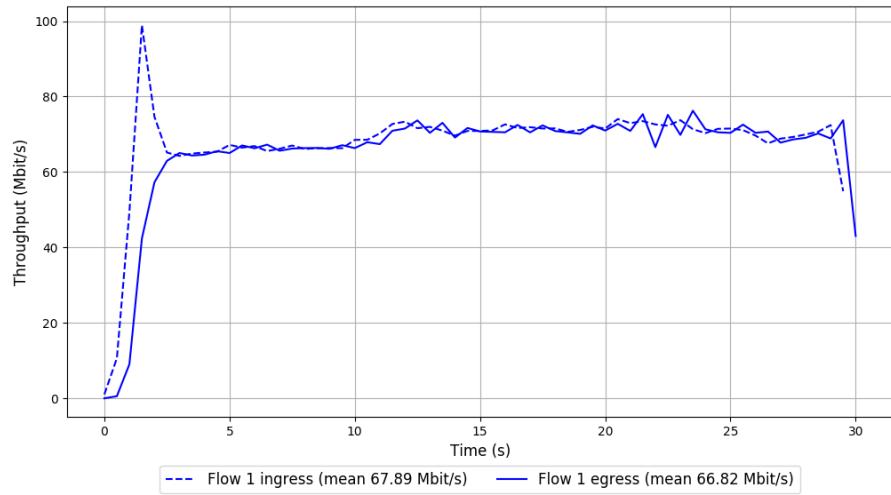


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-07-10 15:05:12
End at: 2018-07-10 15:05:42
Local clock offset: 0.257 ms
Remote clock offset: 3.962 ms

# Below is generated by plot.py at 2018-07-10 16:04:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.82 Mbit/s
95th percentile per-packet one-way delay: 78.254 ms
Loss rate: 2.06%
-- Flow 1:
Average throughput: 66.82 Mbit/s
95th percentile per-packet one-way delay: 78.254 ms
Loss rate: 2.06%
```

Run 8: Report of PCC-Allegro — Data Link

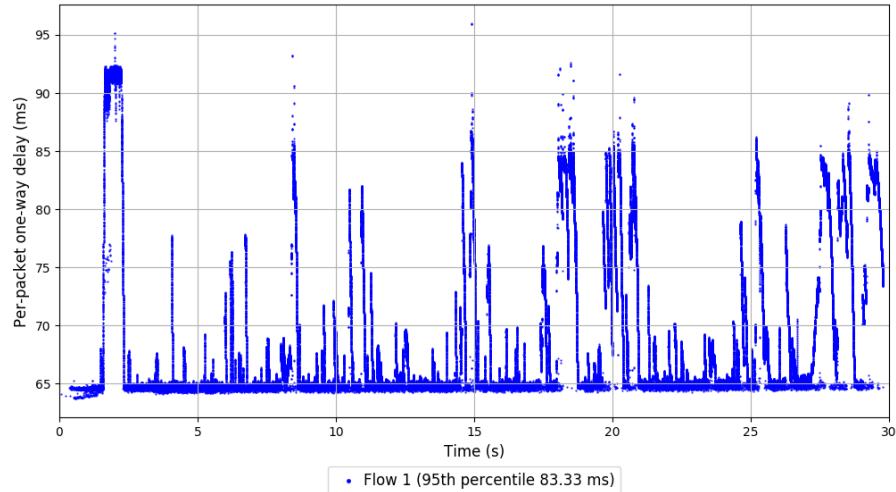
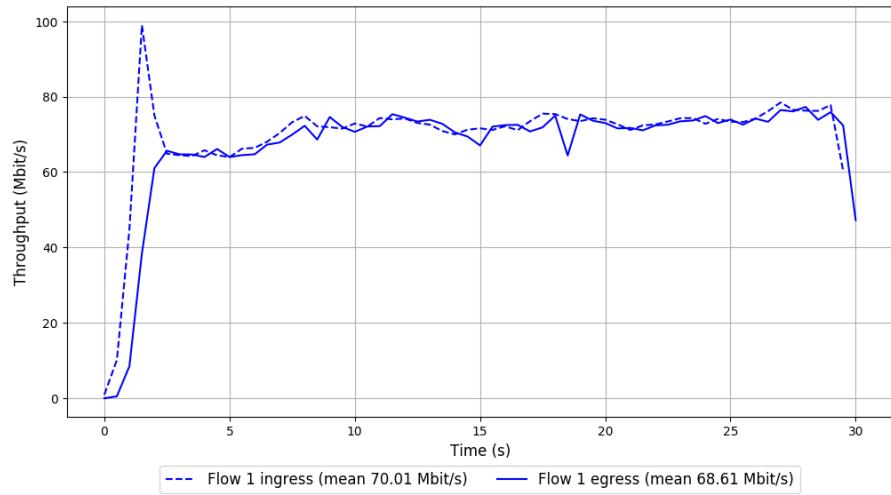


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-07-10 15:27:28
End at: 2018-07-10 15:27:58
Local clock offset: 0.323 ms
Remote clock offset: 6.464 ms

# Below is generated by plot.py at 2018-07-10 16:05:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.61 Mbit/s
95th percentile per-packet one-way delay: 83.325 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 68.61 Mbit/s
95th percentile per-packet one-way delay: 83.325 ms
Loss rate: 2.50%
```

Run 9: Report of PCC-Allegro — Data Link

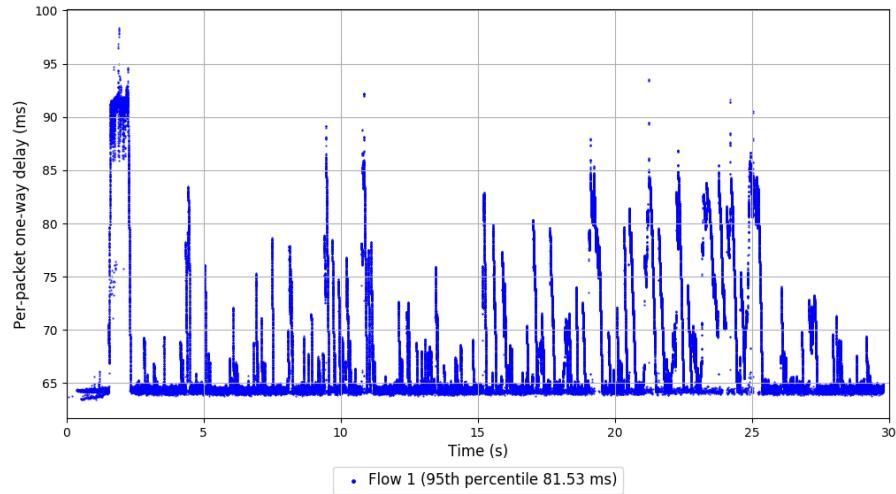
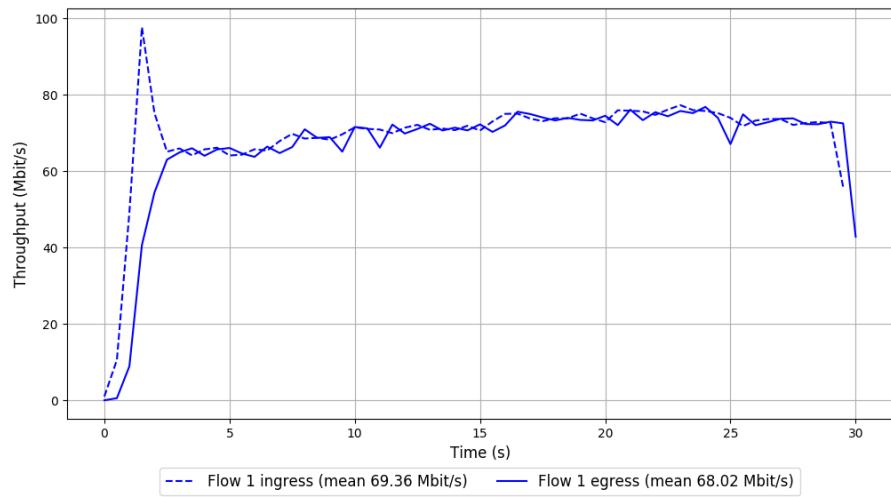


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-07-10 15:49:47
End at: 2018-07-10 15:50:17
Local clock offset: 0.192 ms
Remote clock offset: 8.668 ms

# Below is generated by plot.py at 2018-07-10 16:05:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.02 Mbit/s
95th percentile per-packet one-way delay: 81.528 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 68.02 Mbit/s
95th percentile per-packet one-way delay: 81.528 ms
Loss rate: 2.43%
```

Run 10: Report of PCC-Allegro — Data Link

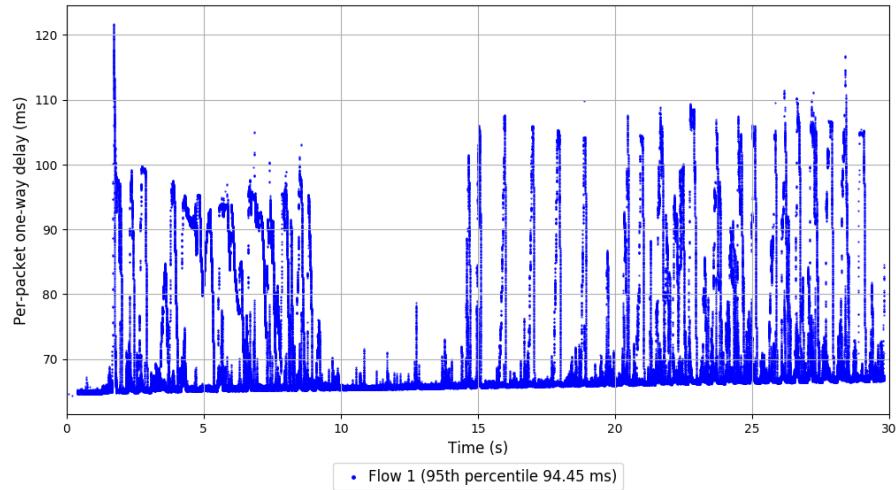
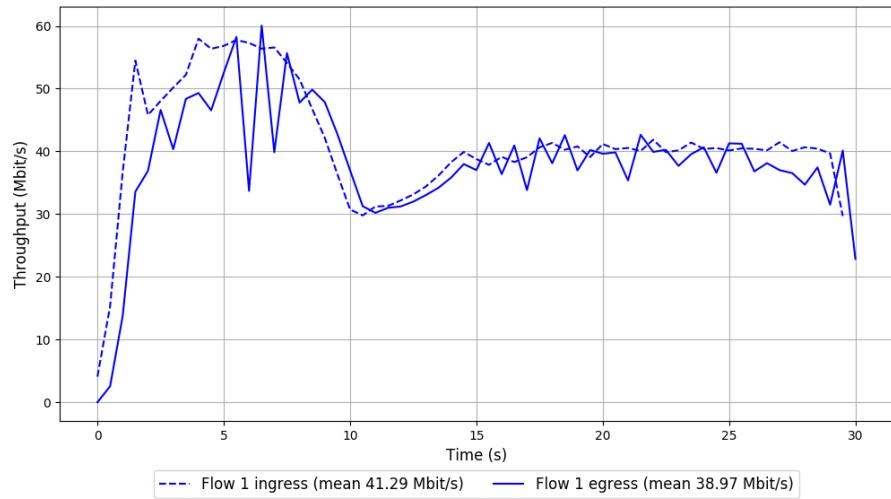


Run 1: Statistics of PCC-Expr

```
Start at: 2018-07-10 12:28:19
End at: 2018-07-10 12:28:49
Local clock offset: -0.977 ms
Remote clock offset: -0.627 ms

# Below is generated by plot.py at 2018-07-10 16:05:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.97 Mbit/s
95th percentile per-packet one-way delay: 94.447 ms
Loss rate: 6.06%
-- Flow 1:
Average throughput: 38.97 Mbit/s
95th percentile per-packet one-way delay: 94.447 ms
Loss rate: 6.06%
```

Run 1: Report of PCC-Expr — Data Link

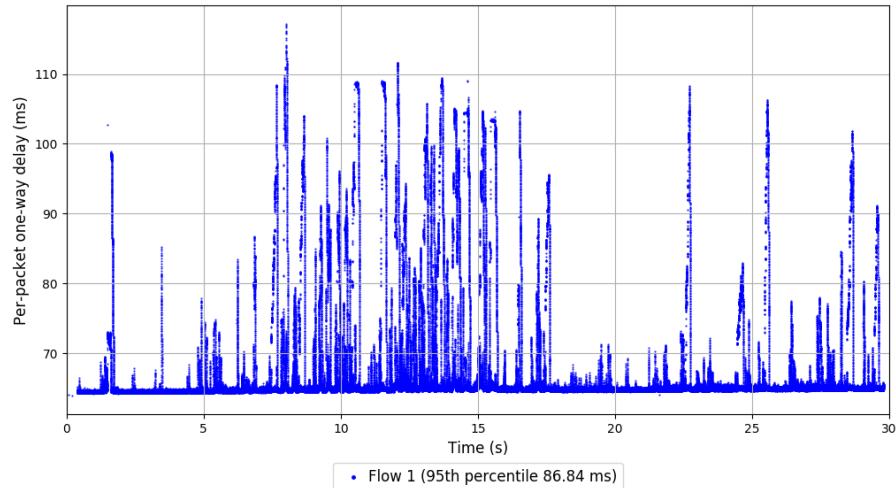
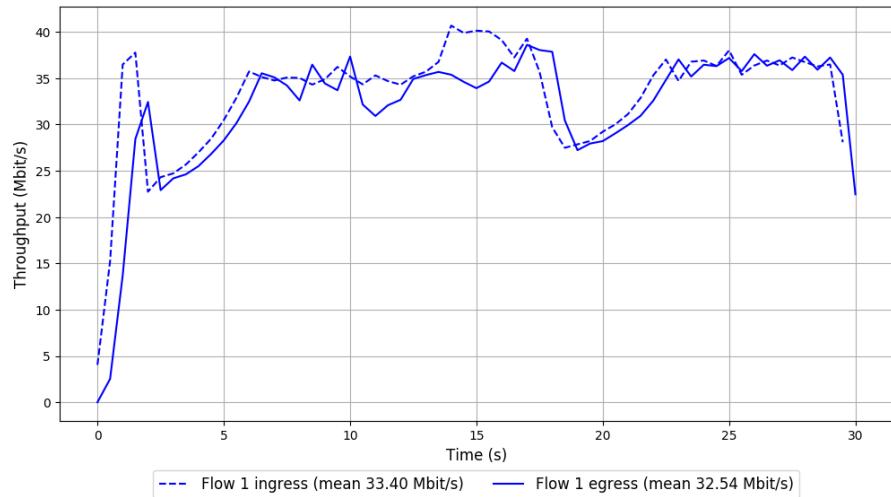


Run 2: Statistics of PCC-Expr

```
Start at: 2018-07-10 12:50:32
End at: 2018-07-10 12:51:02
Local clock offset: -0.958 ms
Remote clock offset: 39.29 ms

# Below is generated by plot.py at 2018-07-10 16:05:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.54 Mbit/s
95th percentile per-packet one-way delay: 86.840 ms
Loss rate: 3.06%
-- Flow 1:
Average throughput: 32.54 Mbit/s
95th percentile per-packet one-way delay: 86.840 ms
Loss rate: 3.06%
```

Run 2: Report of PCC-Expr — Data Link

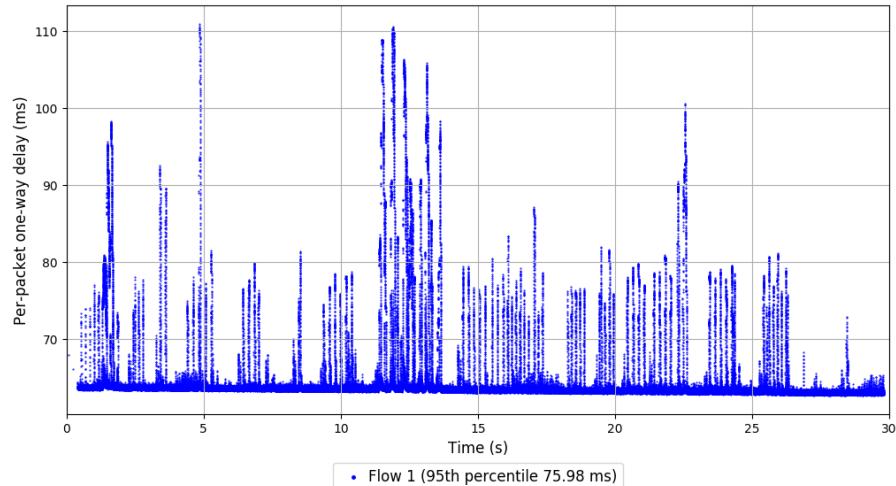
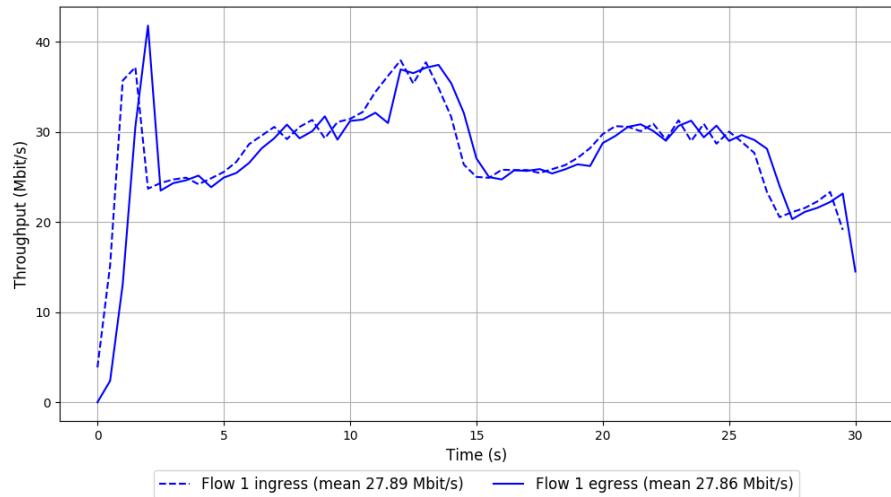


Run 3: Statistics of PCC-Expr

```
Start at: 2018-07-10 13:12:47
End at: 2018-07-10 13:13:17
Local clock offset: -0.89 ms
Remote clock offset: 13.192 ms

# Below is generated by plot.py at 2018-07-10 16:05:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.86 Mbit/s
95th percentile per-packet one-way delay: 75.978 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 27.86 Mbit/s
95th percentile per-packet one-way delay: 75.978 ms
Loss rate: 0.65%
```

Run 3: Report of PCC-Expr — Data Link

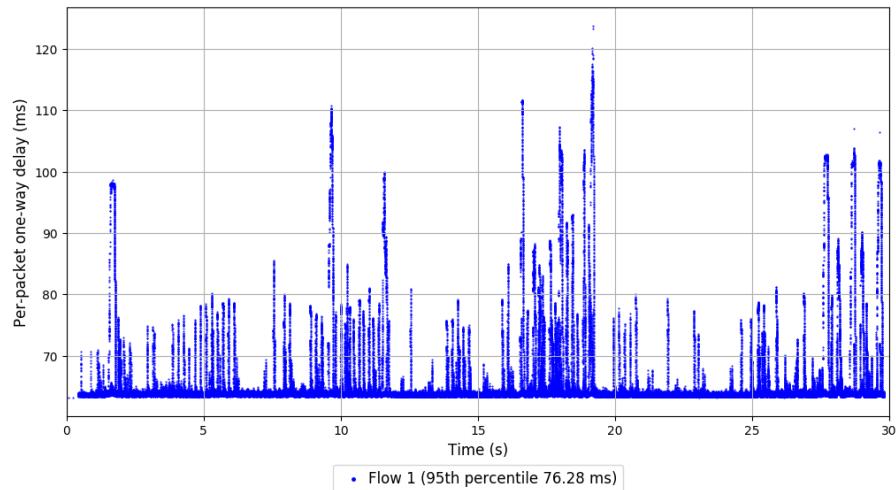
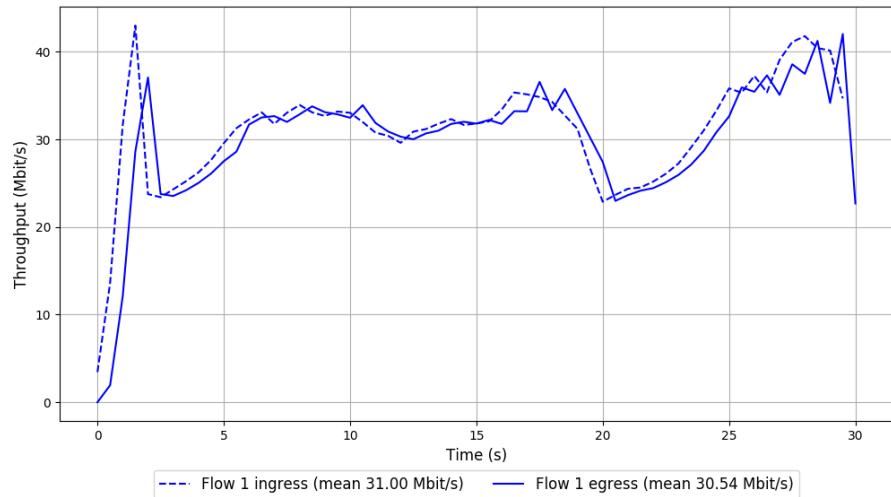


Run 4: Statistics of PCC-Expr

```
Start at: 2018-07-10 13:35:00
End at: 2018-07-10 13:35:30
Local clock offset: -0.646 ms
Remote clock offset: -0.657 ms

# Below is generated by plot.py at 2018-07-10 16:05:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.54 Mbit/s
95th percentile per-packet one-way delay: 76.276 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 30.54 Mbit/s
95th percentile per-packet one-way delay: 76.276 ms
Loss rate: 1.98%
```

Run 4: Report of PCC-Expr — Data Link

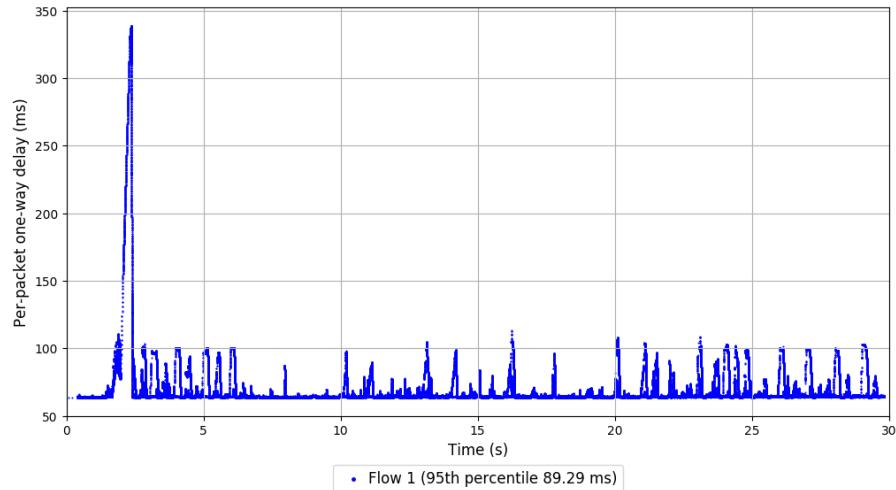
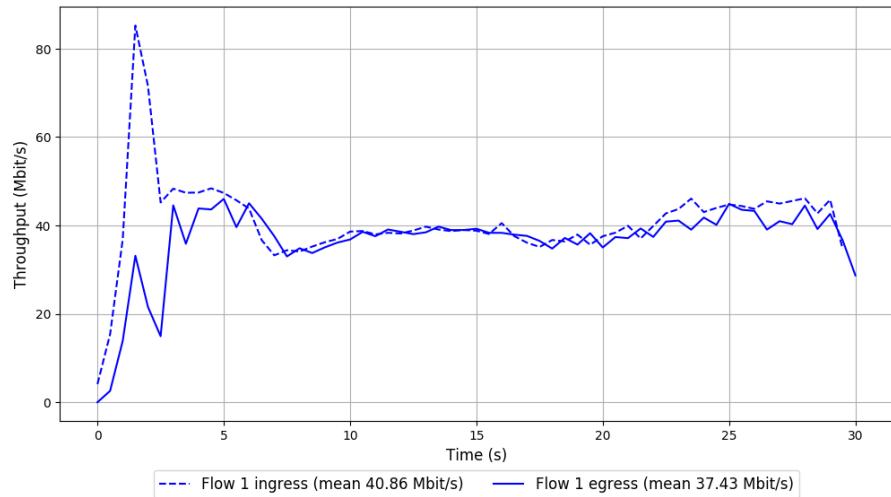


Run 5: Statistics of PCC-Expr

```
Start at: 2018-07-10 13:57:11
End at: 2018-07-10 13:57:41
Local clock offset: -0.374 ms
Remote clock offset: 10.057 ms

# Below is generated by plot.py at 2018-07-10 16:05:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.43 Mbit/s
95th percentile per-packet one-way delay: 89.287 ms
Loss rate: 8.85%
-- Flow 1:
Average throughput: 37.43 Mbit/s
95th percentile per-packet one-way delay: 89.287 ms
Loss rate: 8.85%
```

Run 5: Report of PCC-Expr — Data Link

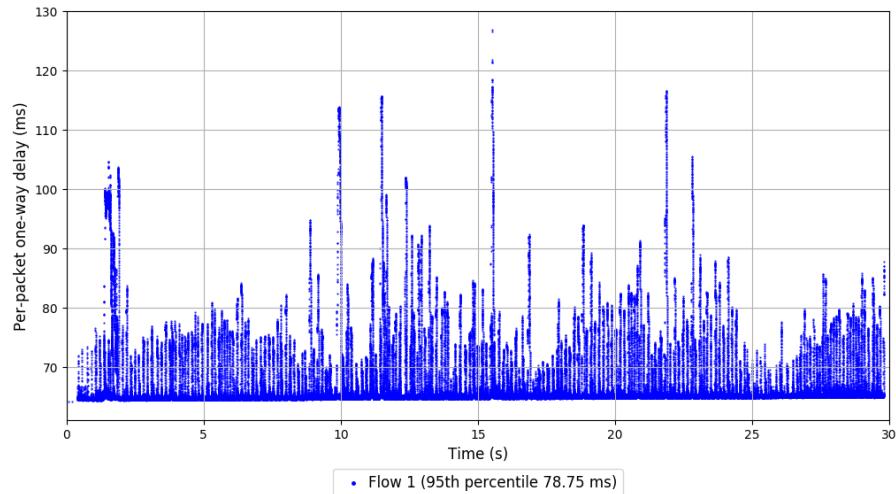
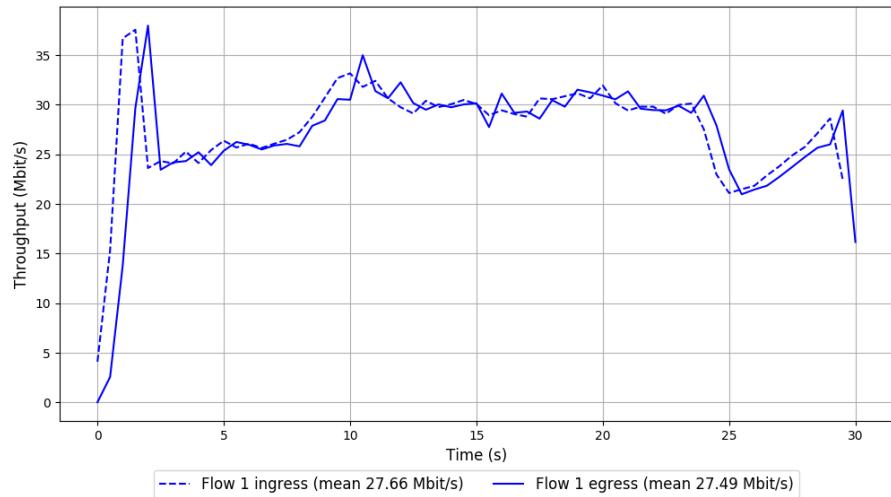


Run 6: Statistics of PCC-Expr

```
Start at: 2018-07-10 14:19:24
End at: 2018-07-10 14:19:54
Local clock offset: -0.399 ms
Remote clock offset: 27.575 ms

# Below is generated by plot.py at 2018-07-10 16:05:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.49 Mbit/s
95th percentile per-packet one-way delay: 78.749 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 27.49 Mbit/s
95th percentile per-packet one-way delay: 78.749 ms
Loss rate: 1.10%
```

Run 6: Report of PCC-Expr — Data Link

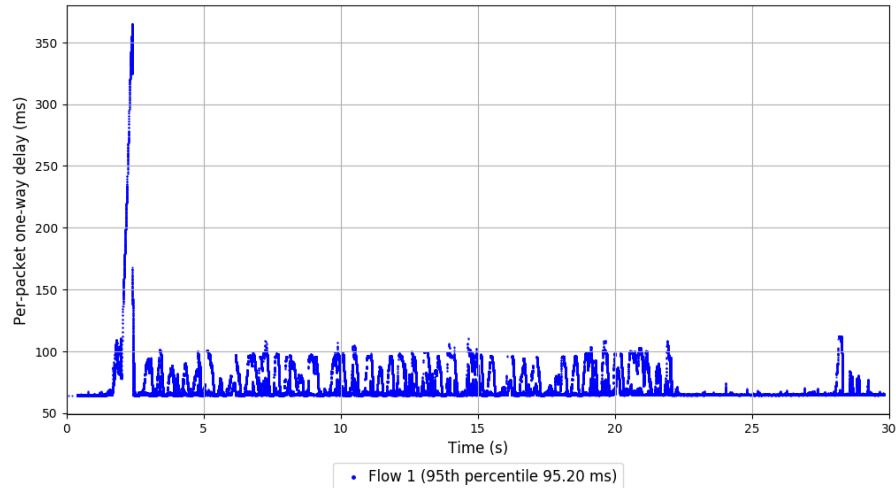
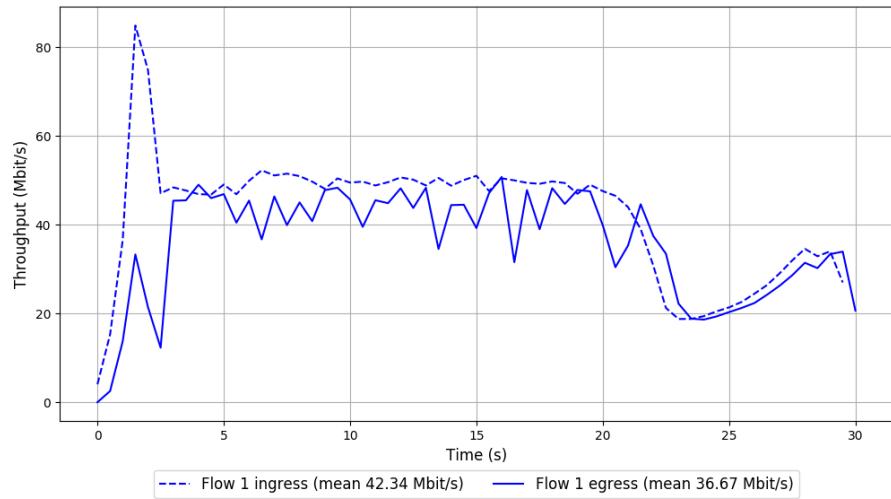


Run 7: Statistics of PCC-Expr

```
Start at: 2018-07-10 14:41:37
End at: 2018-07-10 14:42:07
Local clock offset: -0.086 ms
Remote clock offset: 41.755 ms

# Below is generated by plot.py at 2018-07-10 16:06:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.67 Mbit/s
95th percentile per-packet one-way delay: 95.197 ms
Loss rate: 13.82%
-- Flow 1:
Average throughput: 36.67 Mbit/s
95th percentile per-packet one-way delay: 95.197 ms
Loss rate: 13.82%
```

Run 7: Report of PCC-Expr — Data Link

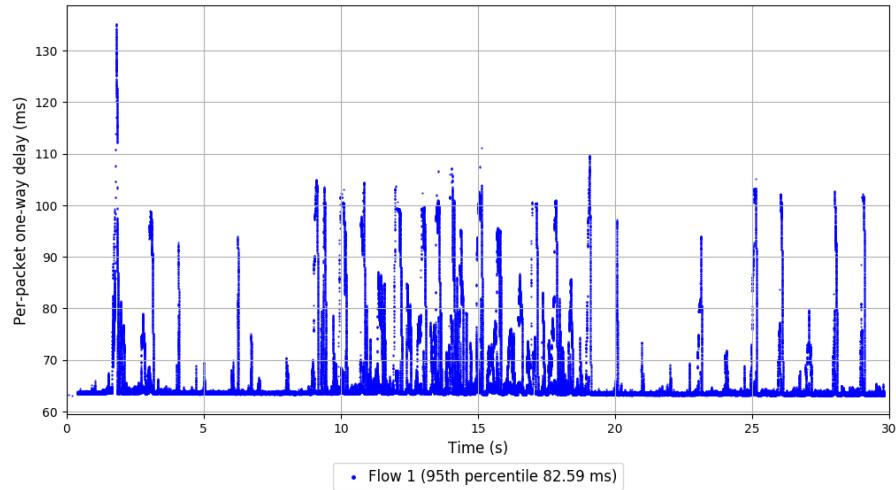
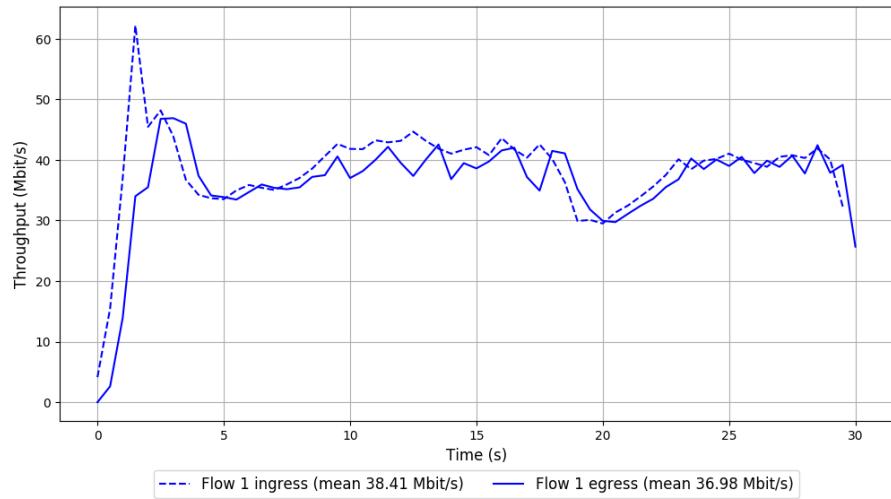


Run 8: Statistics of PCC-Expr

```
Start at: 2018-07-10 15:03:51
End at: 2018-07-10 15:04:21
Local clock offset: 0.228 ms
Remote clock offset: 5.105 ms

# Below is generated by plot.py at 2018-07-10 16:06:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.98 Mbit/s
95th percentile per-packet one-way delay: 82.590 ms
Loss rate: 4.22%
-- Flow 1:
Average throughput: 36.98 Mbit/s
95th percentile per-packet one-way delay: 82.590 ms
Loss rate: 4.22%
```

Run 8: Report of PCC-Expr — Data Link

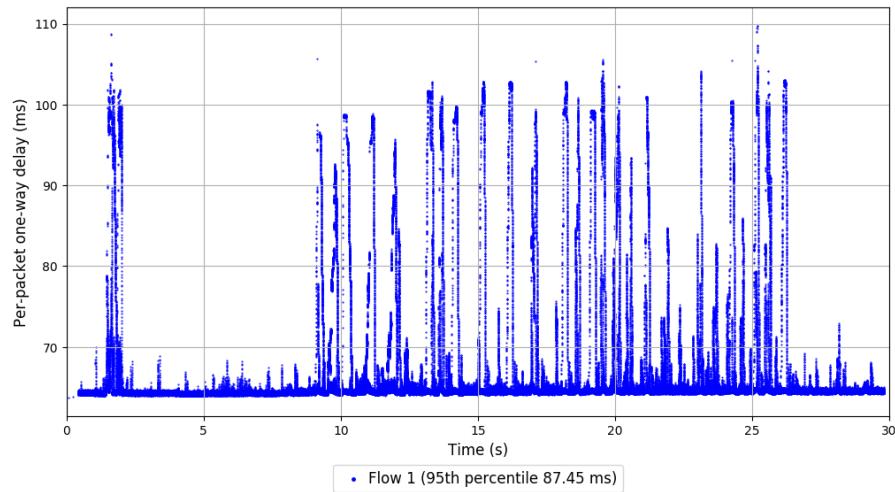
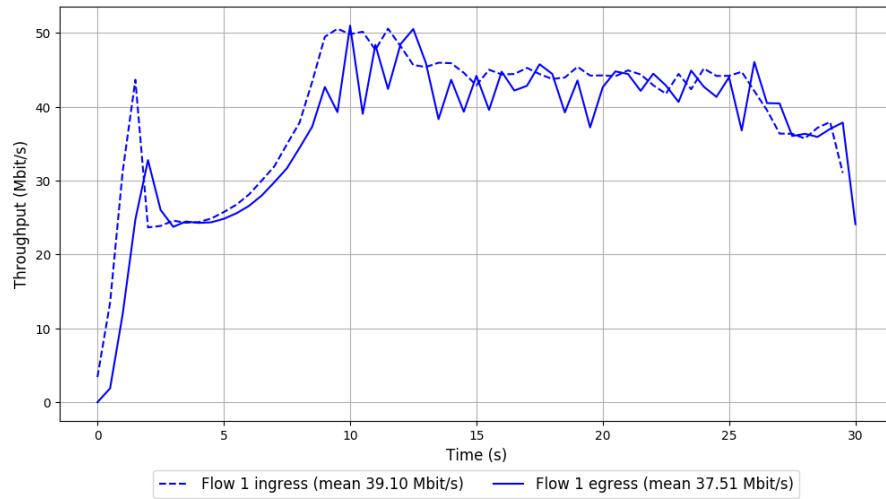


Run 9: Statistics of PCC-Expr

```
Start at: 2018-07-10 15:26:08
End at: 2018-07-10 15:26:38
Local clock offset: 0.113 ms
Remote clock offset: 5.739 ms

# Below is generated by plot.py at 2018-07-10 16:06:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.51 Mbit/s
95th percentile per-packet one-way delay: 87.453 ms
Loss rate: 4.55%
-- Flow 1:
Average throughput: 37.51 Mbit/s
95th percentile per-packet one-way delay: 87.453 ms
Loss rate: 4.55%
```

Run 9: Report of PCC-Expr — Data Link

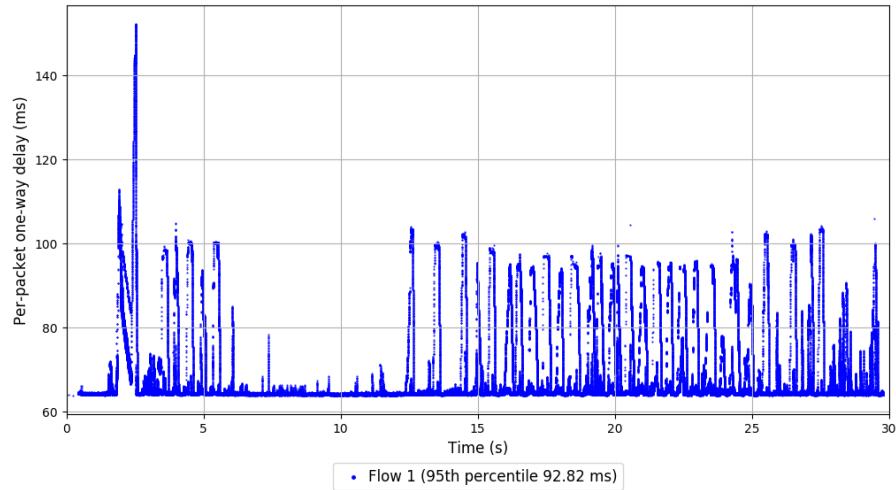
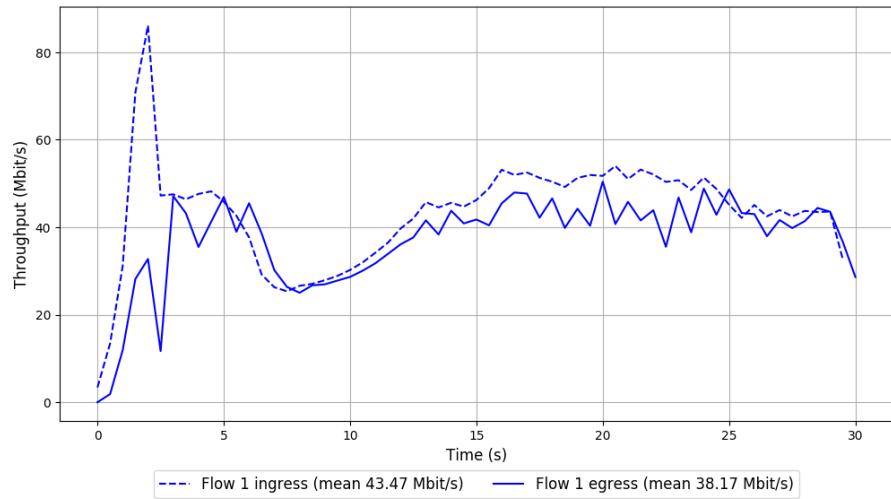


Run 10: Statistics of PCC-Expr

```
Start at: 2018-07-10 15:48:27
End at: 2018-07-10 15:48:57
Local clock offset: 0.176 ms
Remote clock offset: 8.847 ms

# Below is generated by plot.py at 2018-07-10 16:06:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.17 Mbit/s
95th percentile per-packet one-way delay: 92.820 ms
Loss rate: 12.63%
-- Flow 1:
Average throughput: 38.17 Mbit/s
95th percentile per-packet one-way delay: 92.820 ms
Loss rate: 12.63%
```

Run 10: Report of PCC-Expr — Data Link

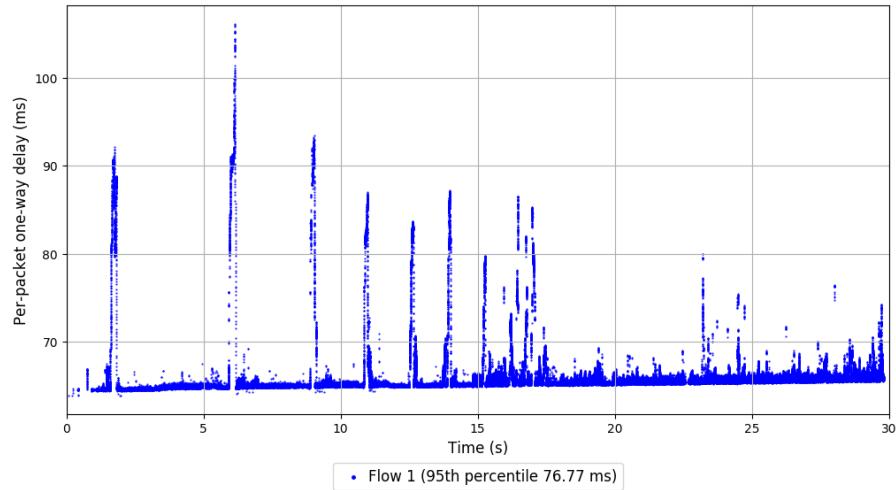
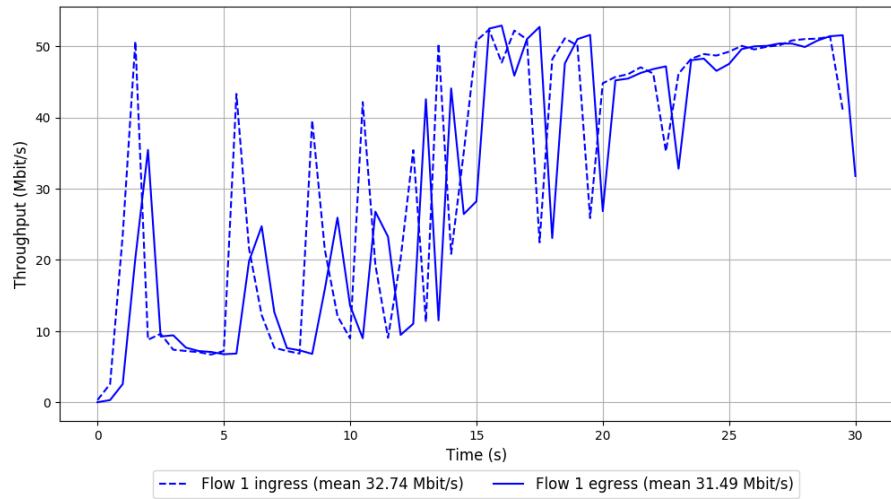


Run 1: Statistics of QUIC Cubic

```
Start at: 2018-07-10 12:33:34
End at: 2018-07-10 12:34:04
Local clock offset: -0.974 ms
Remote clock offset: 15.857 ms

# Below is generated by plot.py at 2018-07-10 16:06:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 76.767 ms
Loss rate: 4.30%
-- Flow 1:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 76.767 ms
Loss rate: 4.30%
```

Run 1: Report of QUIC Cubic — Data Link

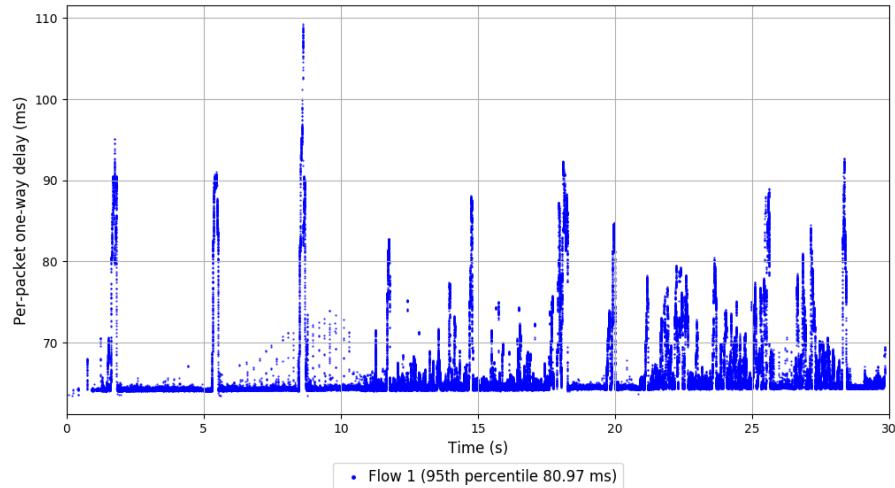
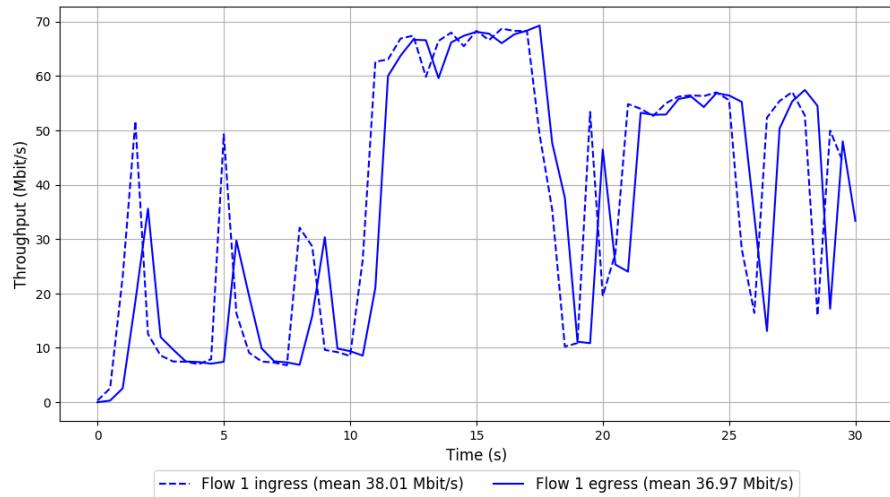


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-07-10 12:55:49
End at: 2018-07-10 12:56:19
Local clock offset: -0.944 ms
Remote clock offset: 43.203 ms

# Below is generated by plot.py at 2018-07-10 16:06:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.97 Mbit/s
95th percentile per-packet one-way delay: 80.974 ms
Loss rate: 3.24%
-- Flow 1:
Average throughput: 36.97 Mbit/s
95th percentile per-packet one-way delay: 80.974 ms
Loss rate: 3.24%
```

Run 2: Report of QUIC Cubic — Data Link

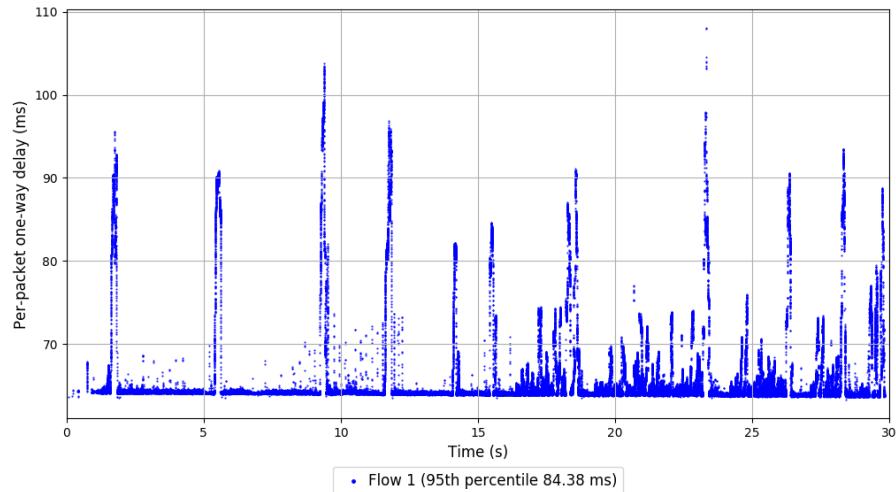
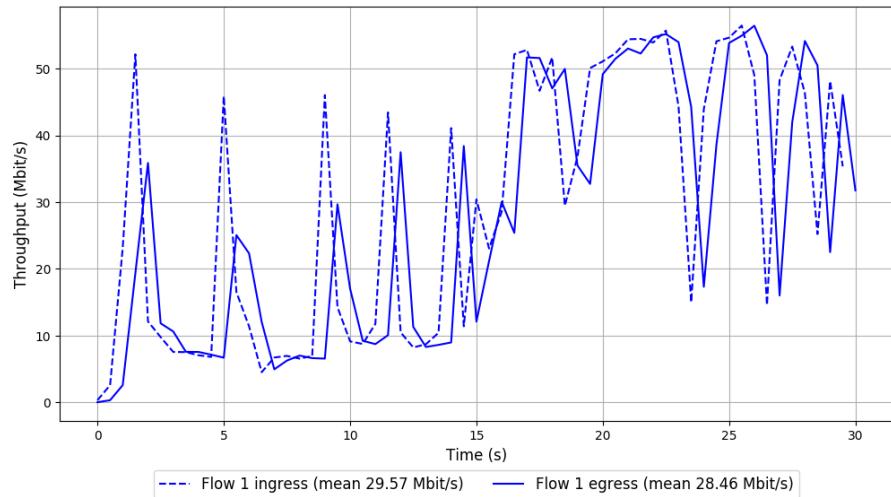


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-07-10 13:18:03
End at: 2018-07-10 13:18:33
Local clock offset: -0.825 ms
Remote clock offset: 6.587 ms

# Below is generated by plot.py at 2018-07-10 16:06:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.46 Mbit/s
95th percentile per-packet one-way delay: 84.377 ms
Loss rate: 4.24%
-- Flow 1:
Average throughput: 28.46 Mbit/s
95th percentile per-packet one-way delay: 84.377 ms
Loss rate: 4.24%
```

Run 3: Report of QUIC Cubic — Data Link

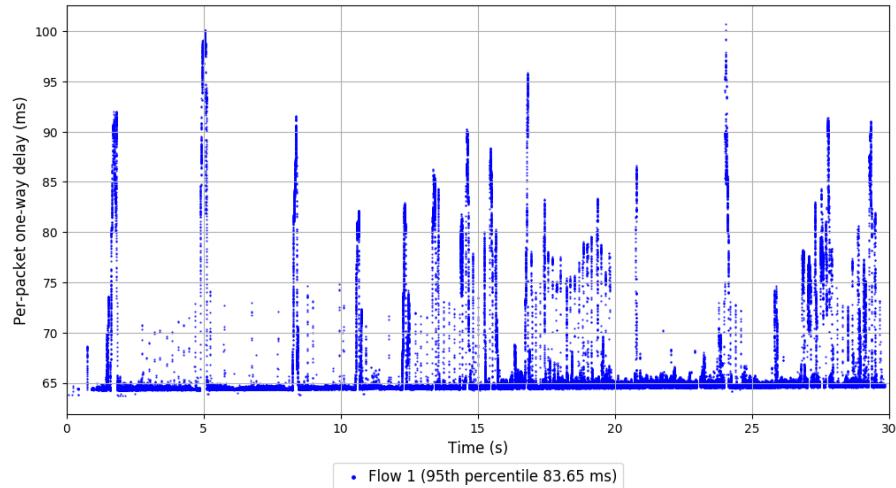
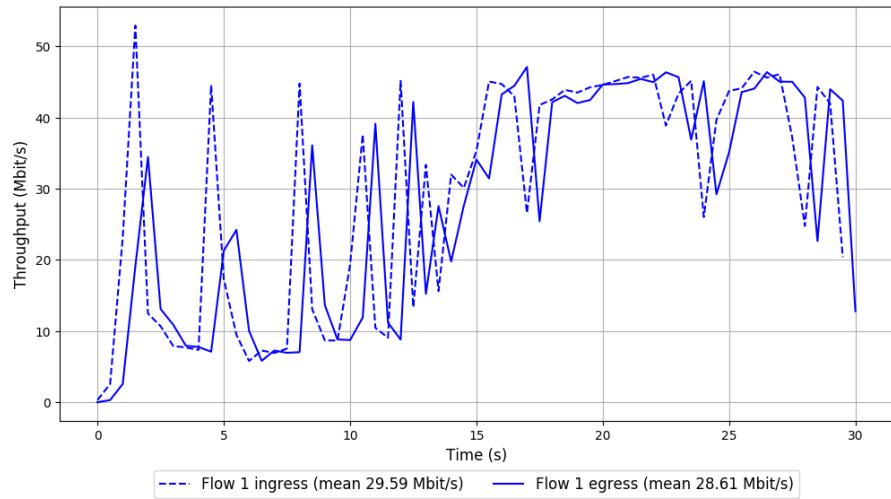


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-07-10 13:40:15
End at: 2018-07-10 13:40:45
Local clock offset: -0.501 ms
Remote clock offset: 3.341 ms

# Below is generated by plot.py at 2018-07-10 16:06:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.61 Mbit/s
95th percentile per-packet one-way delay: 83.646 ms
Loss rate: 3.78%
-- Flow 1:
Average throughput: 28.61 Mbit/s
95th percentile per-packet one-way delay: 83.646 ms
Loss rate: 3.78%
```

Run 4: Report of QUIC Cubic — Data Link

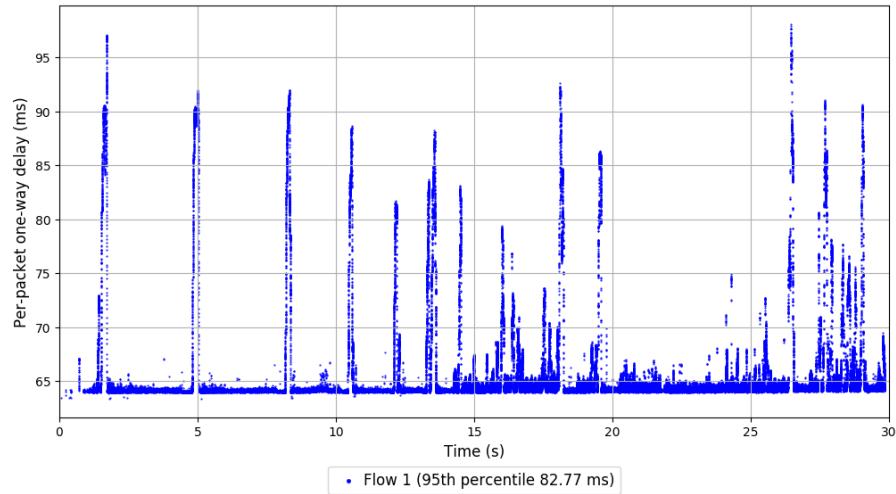
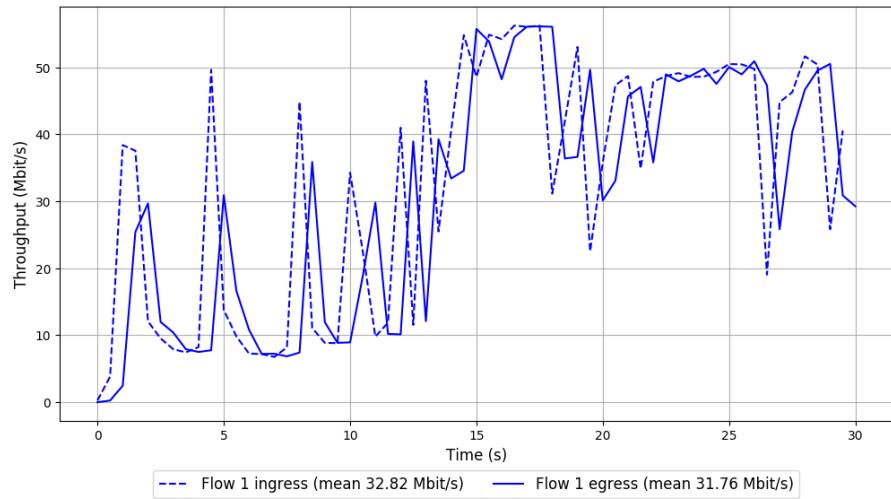


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-07-10 14:02:26
End at: 2018-07-10 14:02:56
Local clock offset: -0.295 ms
Remote clock offset: 11.028 ms

# Below is generated by plot.py at 2018-07-10 16:06:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 82.768 ms
Loss rate: 3.72%
-- Flow 1:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 82.768 ms
Loss rate: 3.72%
```

Run 5: Report of QUIC Cubic — Data Link

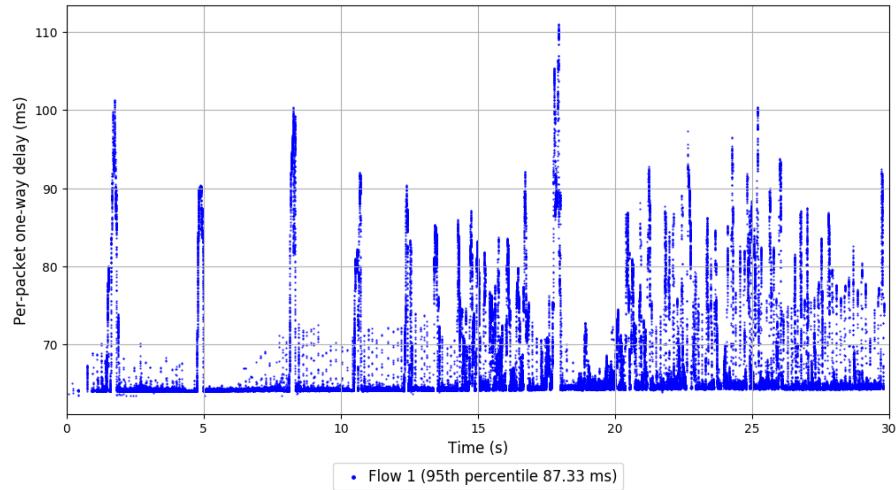
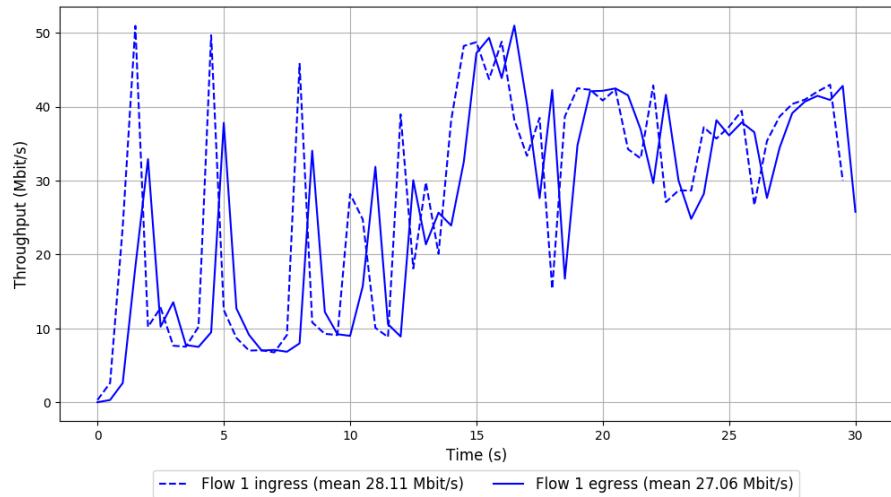


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-07-10 14:24:39
End at: 2018-07-10 14:25:09
Local clock offset: -0.167 ms
Remote clock offset: 32.477 ms

# Below is generated by plot.py at 2018-07-10 16:06:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.06 Mbit/s
95th percentile per-packet one-way delay: 87.326 ms
Loss rate: 4.23%
-- Flow 1:
Average throughput: 27.06 Mbit/s
95th percentile per-packet one-way delay: 87.326 ms
Loss rate: 4.23%
```

Run 6: Report of QUIC Cubic — Data Link

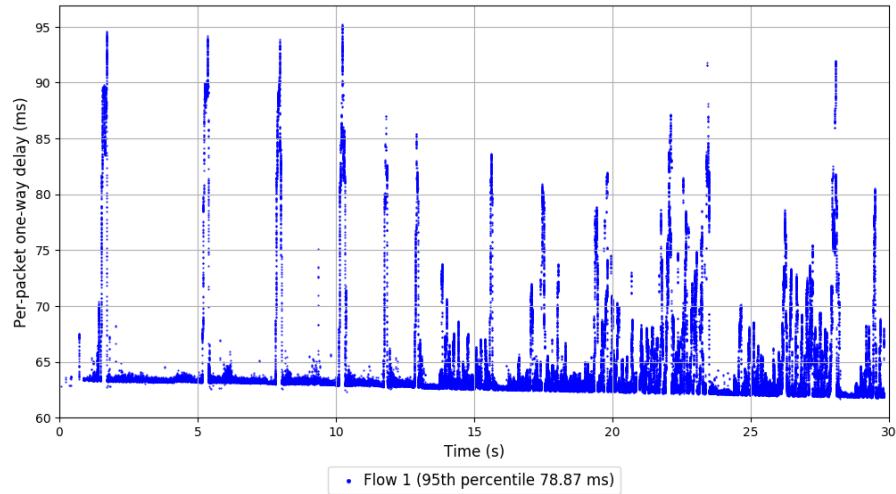
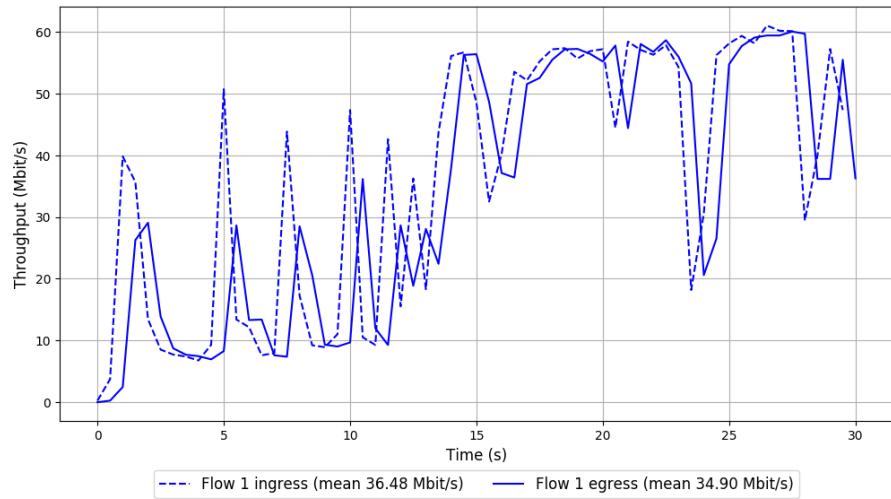


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-07-10 14:46:52
End at: 2018-07-10 14:47:22
Local clock offset: 0.139 ms
Remote clock offset: 32.966 ms

# Below is generated by plot.py at 2018-07-10 16:06:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.90 Mbit/s
95th percentile per-packet one-way delay: 78.867 ms
Loss rate: 4.81%
-- Flow 1:
Average throughput: 34.90 Mbit/s
95th percentile per-packet one-way delay: 78.867 ms
Loss rate: 4.81%
```

Run 7: Report of QUIC Cubic — Data Link

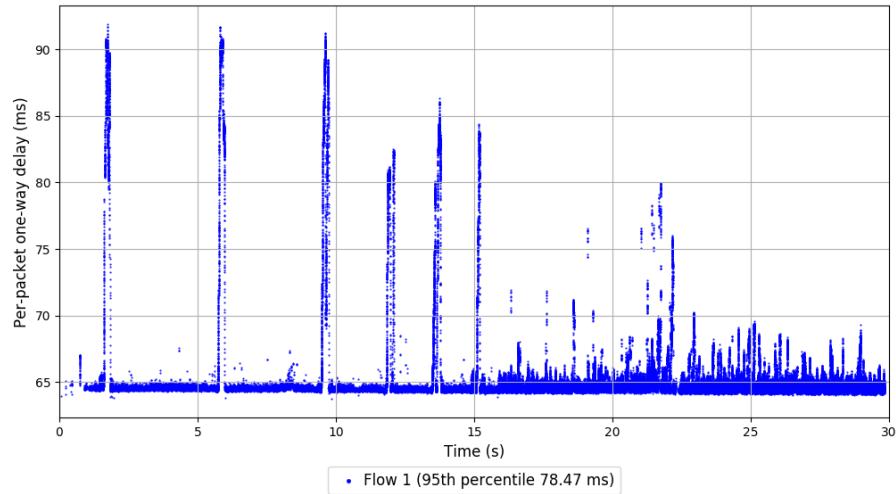
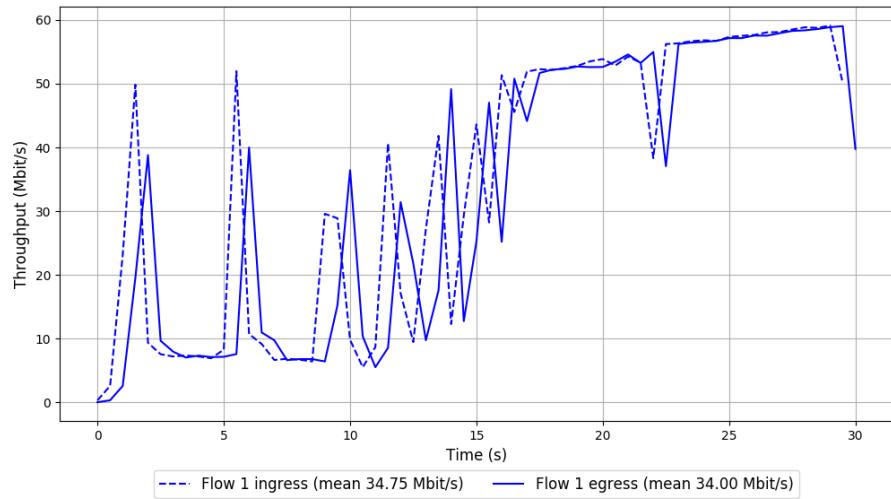


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-07-10 15:09:10
End at: 2018-07-10 15:09:40
Local clock offset: 0.262 ms
Remote clock offset: 1.514 ms

# Below is generated by plot.py at 2018-07-10 16:06:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.00 Mbit/s
95th percentile per-packet one-way delay: 78.475 ms
Loss rate: 2.63%
-- Flow 1:
Average throughput: 34.00 Mbit/s
95th percentile per-packet one-way delay: 78.475 ms
Loss rate: 2.63%
```

Run 8: Report of QUIC Cubic — Data Link

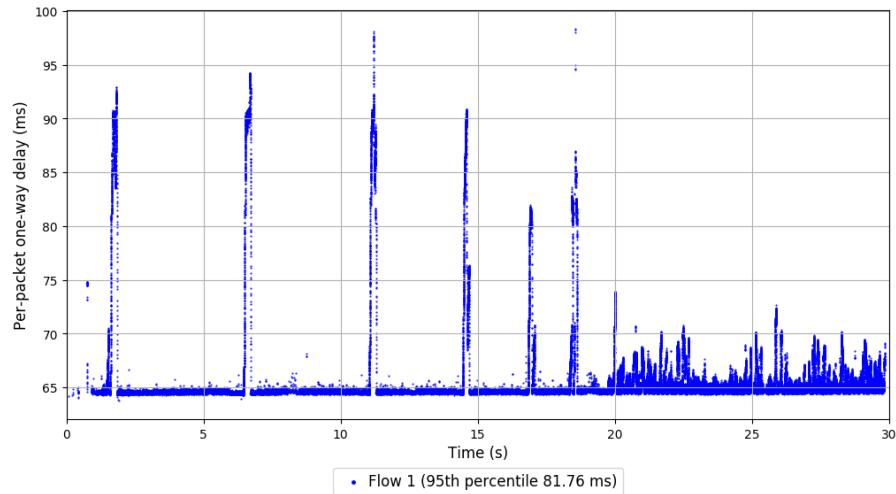
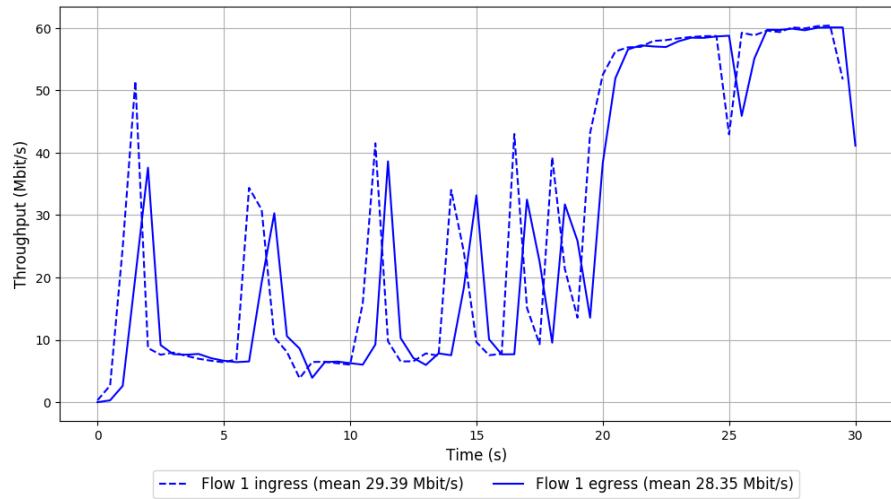


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-07-10 15:31:25
End at: 2018-07-10 15:31:55
Local clock offset: 0.354 ms
Remote clock offset: 7.908 ms

# Below is generated by plot.py at 2018-07-10 16:07:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.35 Mbit/s
95th percentile per-packet one-way delay: 81.761 ms
Loss rate: 4.05%
-- Flow 1:
Average throughput: 28.35 Mbit/s
95th percentile per-packet one-way delay: 81.761 ms
Loss rate: 4.05%
```

Run 9: Report of QUIC Cubic — Data Link

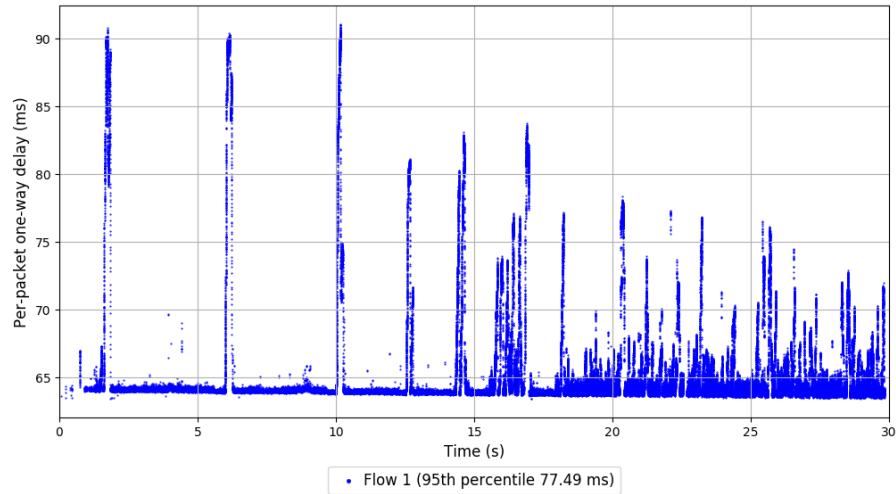
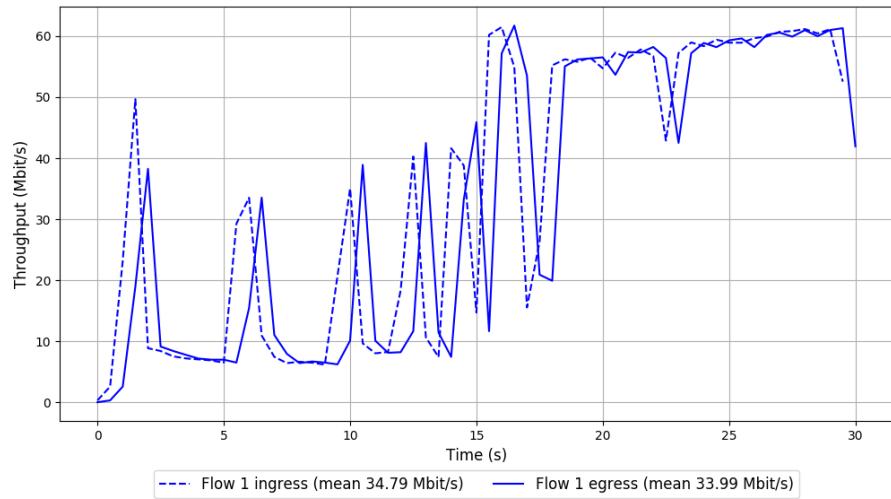


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-07-10 15:53:42
End at: 2018-07-10 15:54:12
Local clock offset: 0.15 ms
Remote clock offset: 7.065 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.99 Mbit/s
95th percentile per-packet one-way delay: 77.490 ms
Loss rate: 2.81%
-- Flow 1:
Average throughput: 33.99 Mbit/s
95th percentile per-packet one-way delay: 77.490 ms
Loss rate: 2.81%
```

Run 10: Report of QUIC Cubic — Data Link

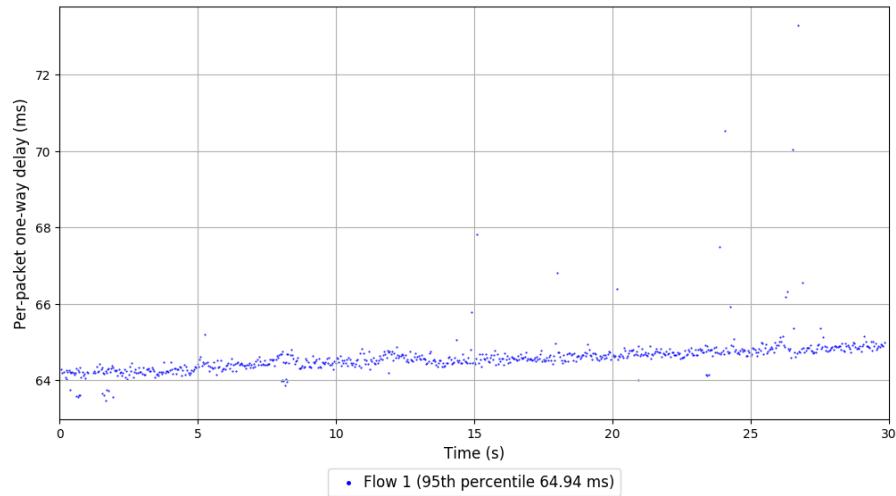
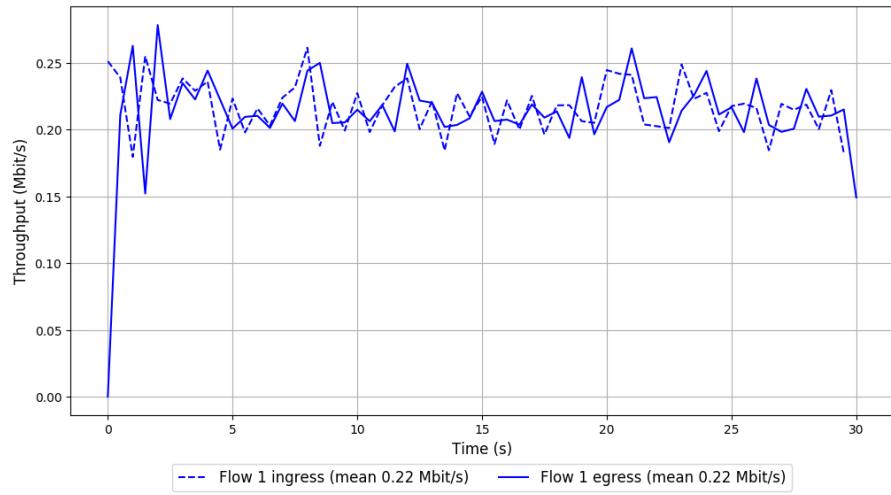


Run 1: Statistics of SCReAM

```
Start at: 2018-07-10 12:37:32
End at: 2018-07-10 12:38:02
Local clock offset: -0.986 ms
Remote clock offset: 23.859 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.944 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.944 ms
Loss rate: 0.51%
```

Run 1: Report of SCReAM — Data Link

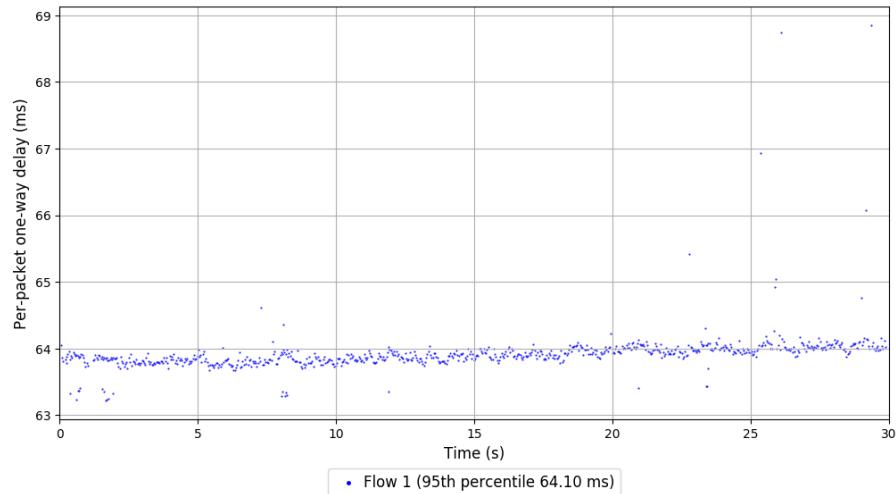
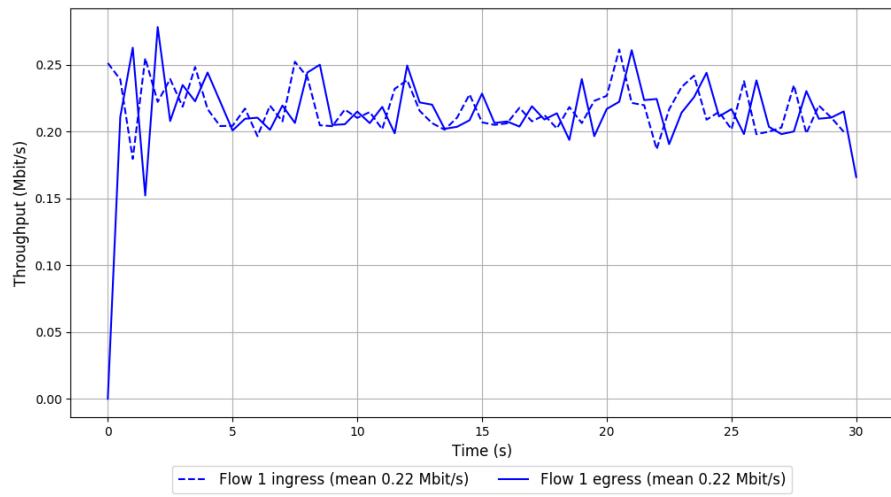


Run 2: Statistics of SCReAM

```
Start at: 2018-07-10 12:59:49
End at: 2018-07-10 13:00:19
Local clock offset: -0.899 ms
Remote clock offset: 46.149 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.096 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.096 ms
Loss rate: 0.51%
```

Run 2: Report of SCReAM — Data Link

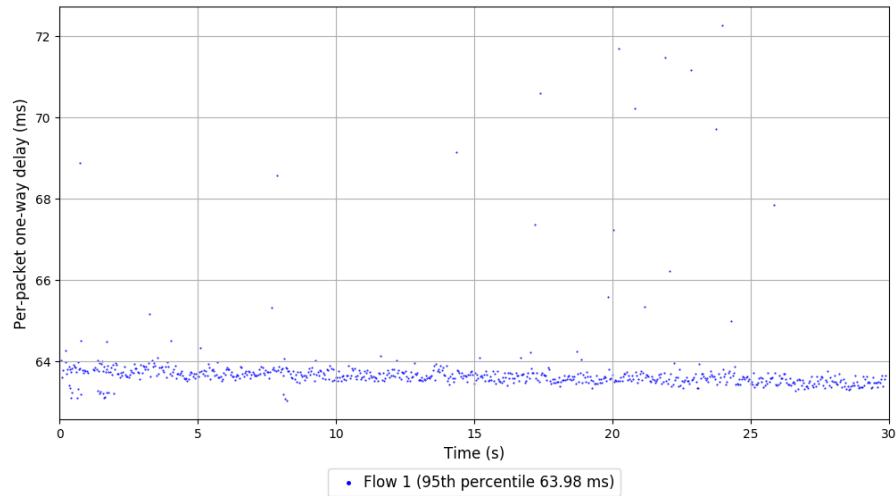
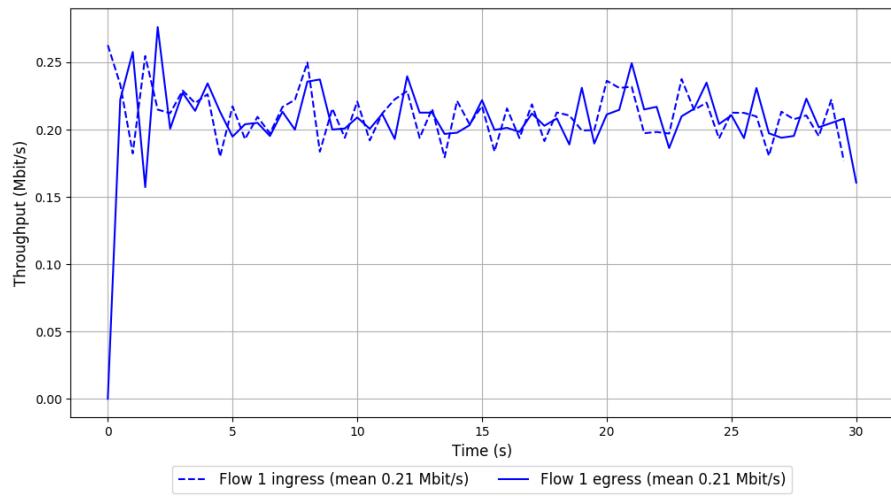


Run 3: Statistics of SCReAM

```
Start at: 2018-07-10 13:22:01
End at: 2018-07-10 13:22:31
Local clock offset: -0.831 ms
Remote clock offset: 3.79 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 63.984 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 63.984 ms
Loss rate: 0.38%
```

Run 3: Report of SCReAM — Data Link

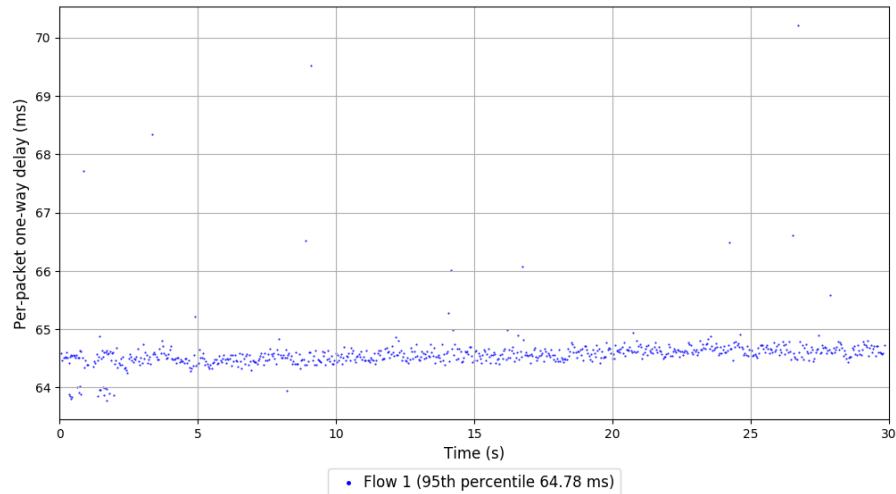
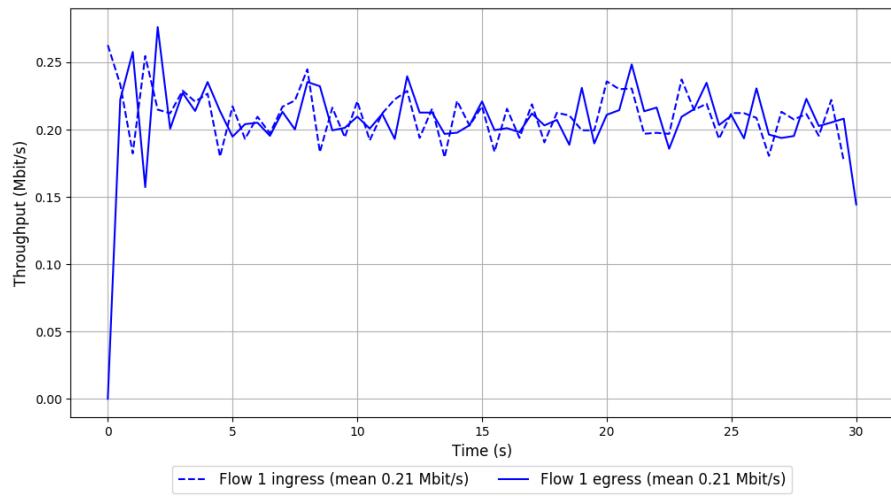


Run 4: Statistics of SCReAM

```
Start at: 2018-07-10 13:44:13
End at: 2018-07-10 13:44:43
Local clock offset: -0.331 ms
Remote clock offset: 5.752 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 64.775 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 64.775 ms
Loss rate: 0.51%
```

Run 4: Report of SCReAM — Data Link

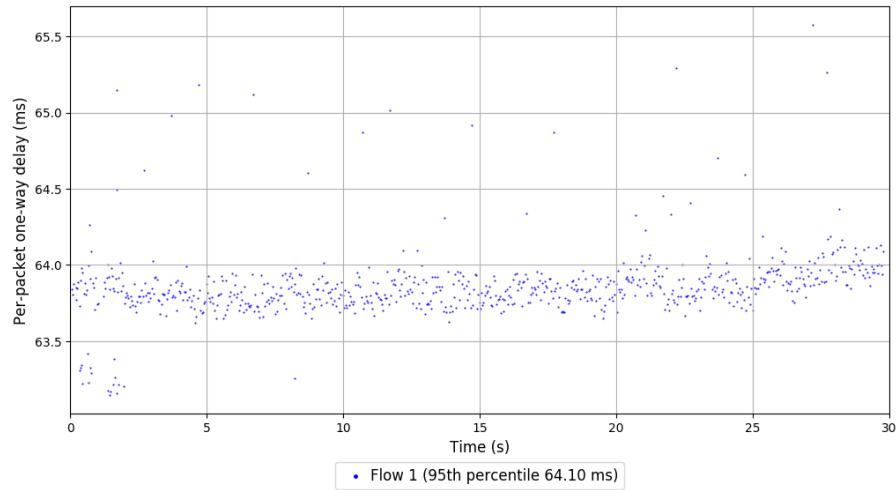
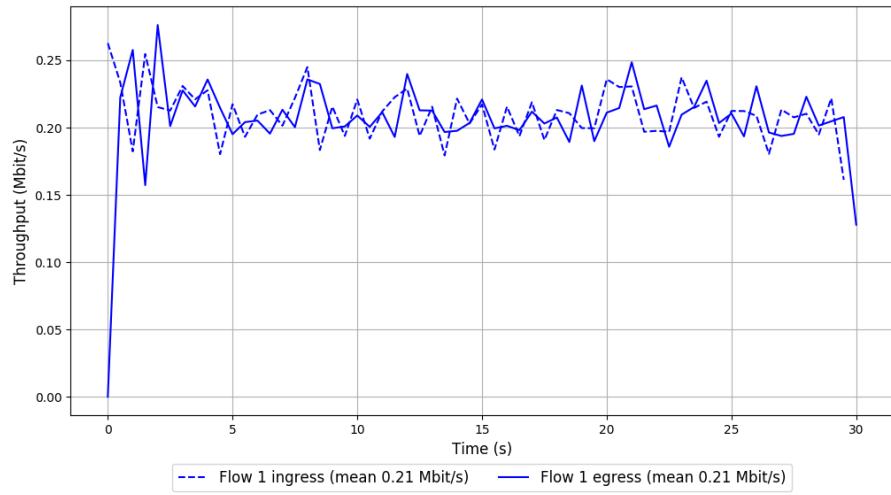


Run 5: Statistics of SCReAM

```
Start at: 2018-07-10 14:06:26
End at: 2018-07-10 14:06:56
Local clock offset: -0.298 ms
Remote clock offset: 11.642 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 64.096 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 64.096 ms
Loss rate: 0.51%
```

Run 5: Report of SCReAM — Data Link

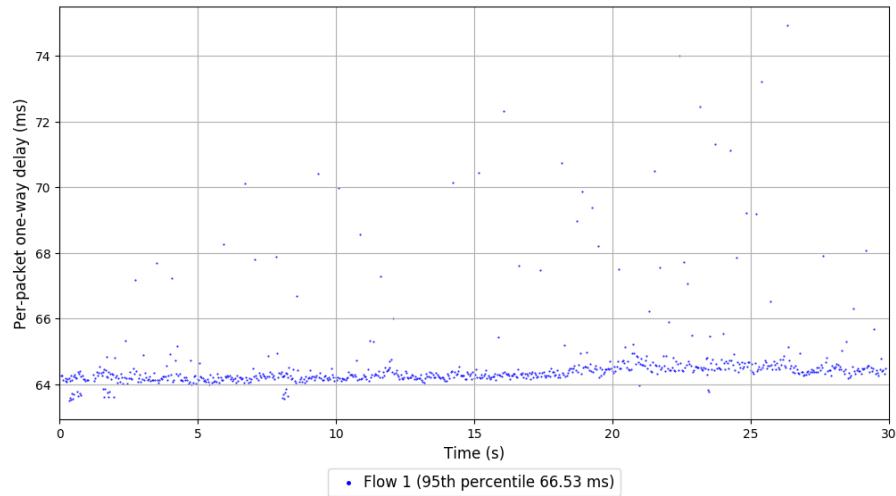
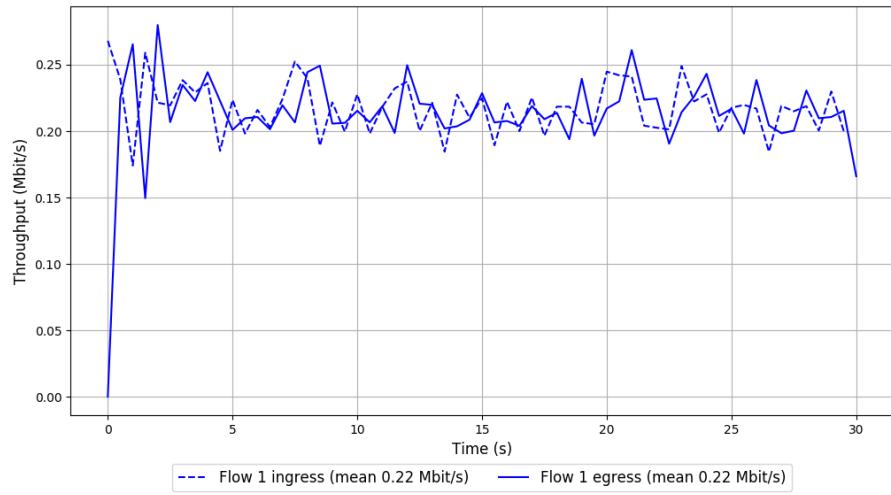


Run 6: Statistics of SCReAM

```
Start at: 2018-07-10 14:28:38
End at: 2018-07-10 14:29:08
Local clock offset: -0.137 ms
Remote clock offset: 35.107 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.525 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.525 ms
Loss rate: 0.51%
```

Run 6: Report of SCReAM — Data Link

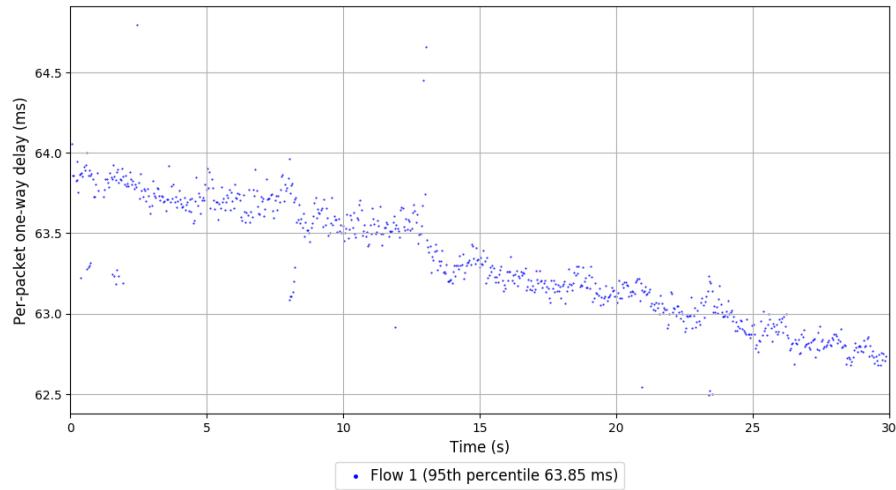
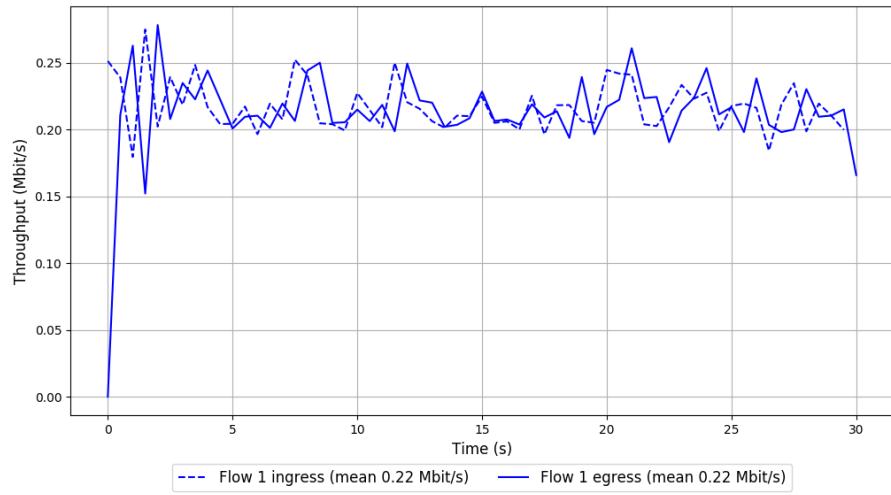


Run 7: Statistics of SCReAM

```
Start at: 2018-07-10 14:50:52
End at: 2018-07-10 14:51:22
Local clock offset: 0.206 ms
Remote clock offset: 21.995 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.848 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.848 ms
Loss rate: 0.51%
```

Run 7: Report of SCReAM — Data Link

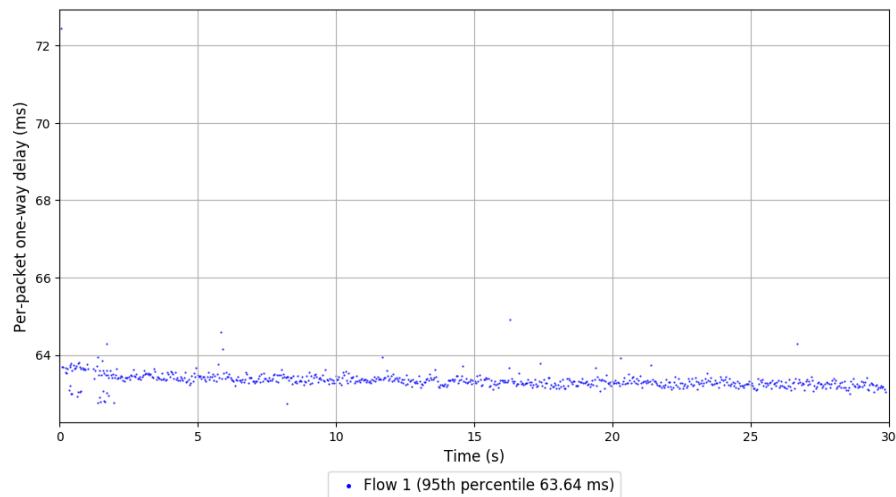
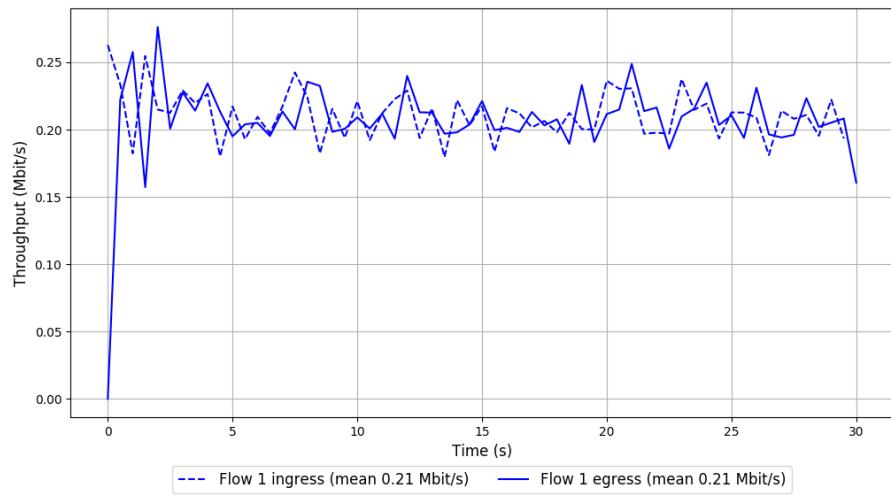


Run 8: Statistics of SCReAM

```
Start at: 2018-07-10 15:13:09
End at: 2018-07-10 15:13:39
Local clock offset: 0.13 ms
Remote clock offset: -0.488 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 63.636 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 63.636 ms
Loss rate: 0.51%
```

Run 8: Report of SCReAM — Data Link

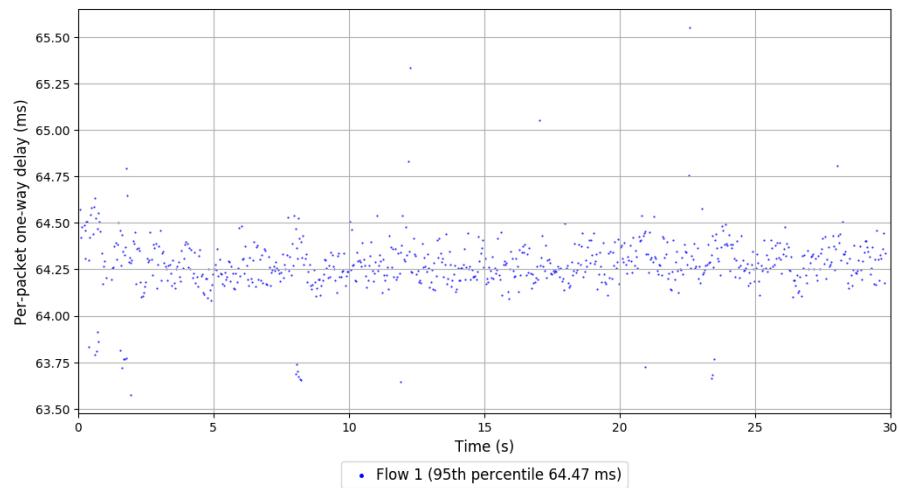
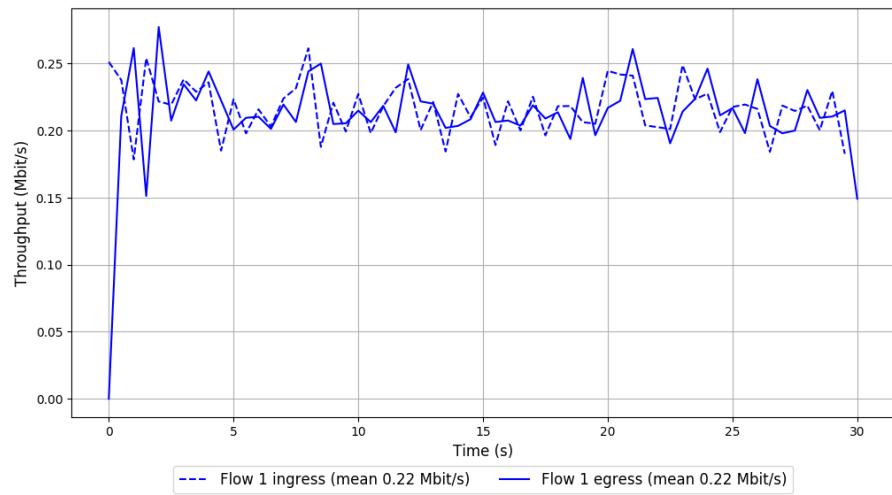


Run 9: Statistics of SCReAM

```
Start at: 2018-07-10 15:35:25
End at: 2018-07-10 15:35:55
Local clock offset: 0.247 ms
Remote clock offset: 8.812 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.467 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.467 ms
Loss rate: 0.51%
```

Run 9: Report of SCReAM — Data Link

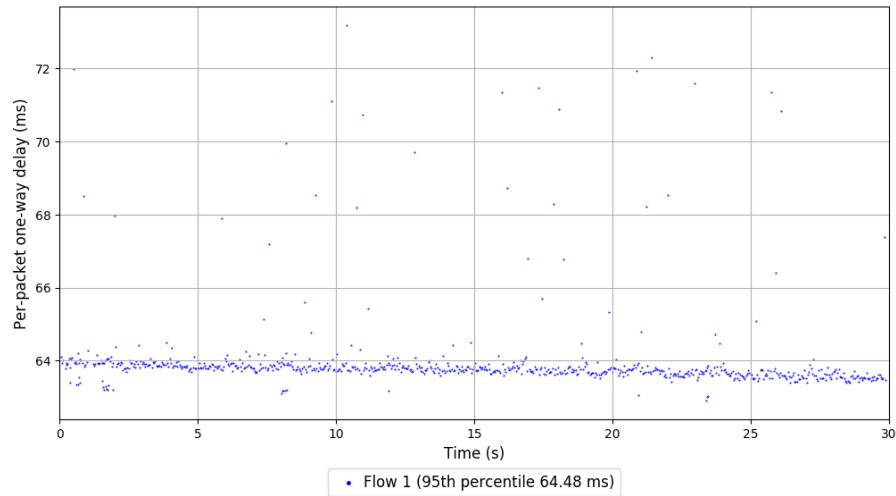
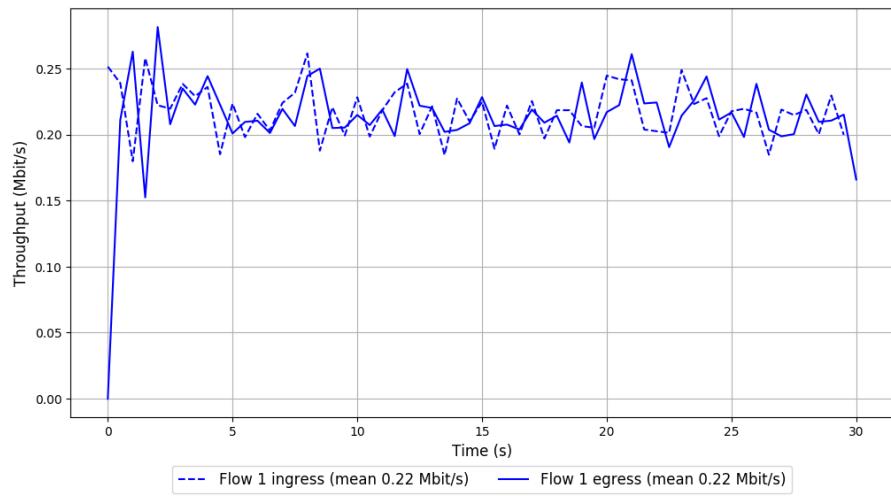


Run 10: Statistics of SCReAM

```
Start at: 2018-07-10 15:57:41
End at: 2018-07-10 15:58:11
Local clock offset: 0.157 ms
Remote clock offset: 3.604 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.485 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.485 ms
Loss rate: 0.51%
```

Run 10: Report of SCReAM — Data Link

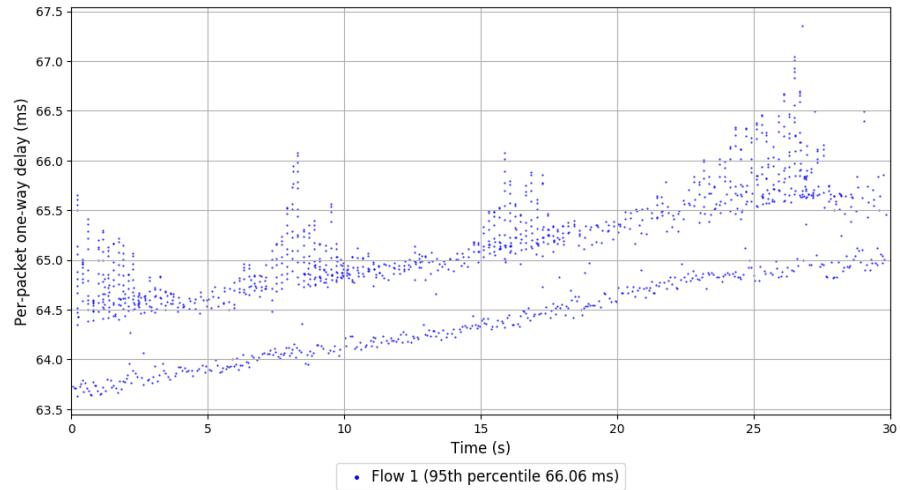
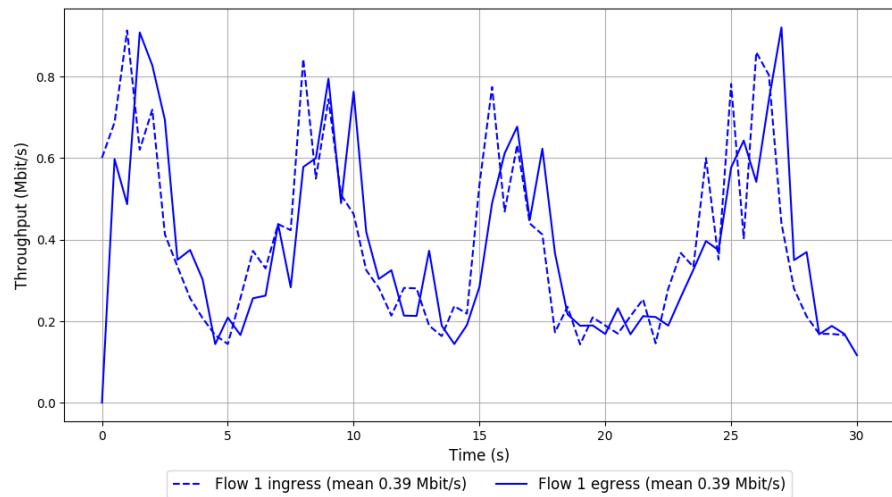


Run 1: Statistics of Sprout

```
Start at: 2018-07-10 12:32:18
End at: 2018-07-10 12:32:48
Local clock offset: -1.041 ms
Remote clock offset: 12.641 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 66.055 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 66.055 ms
Loss rate: 0.32%
```

Run 1: Report of Sprout — Data Link

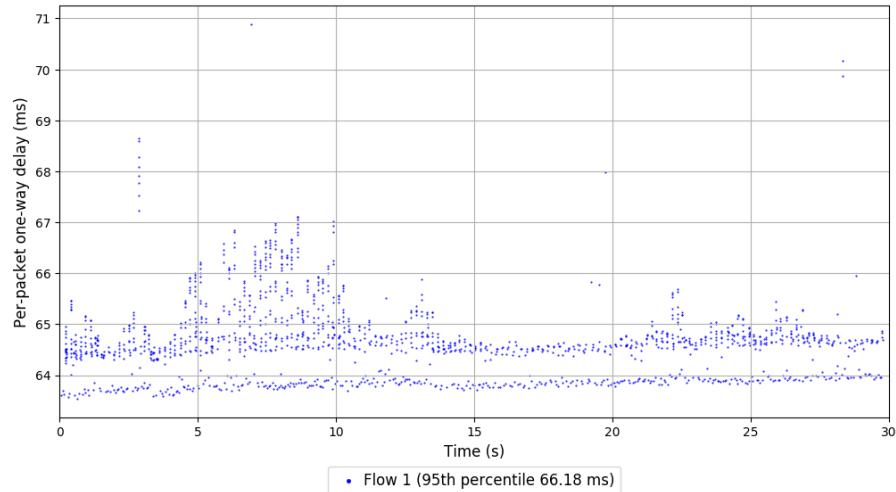
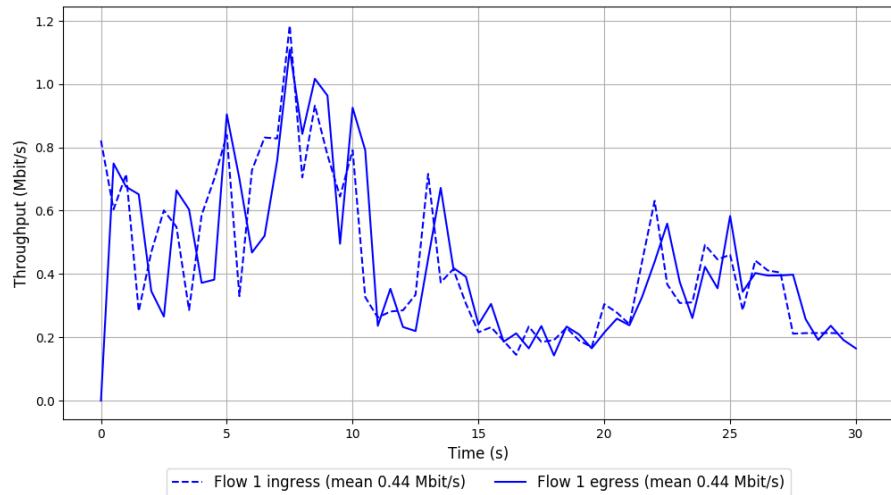


Run 2: Statistics of Sprout

```
Start at: 2018-07-10 12:54:33
End at: 2018-07-10 12:55:03
Local clock offset: -0.961 ms
Remote clock offset: 42.327 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 66.184 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 66.184 ms
Loss rate: 0.35%
```

Run 2: Report of Sprout — Data Link

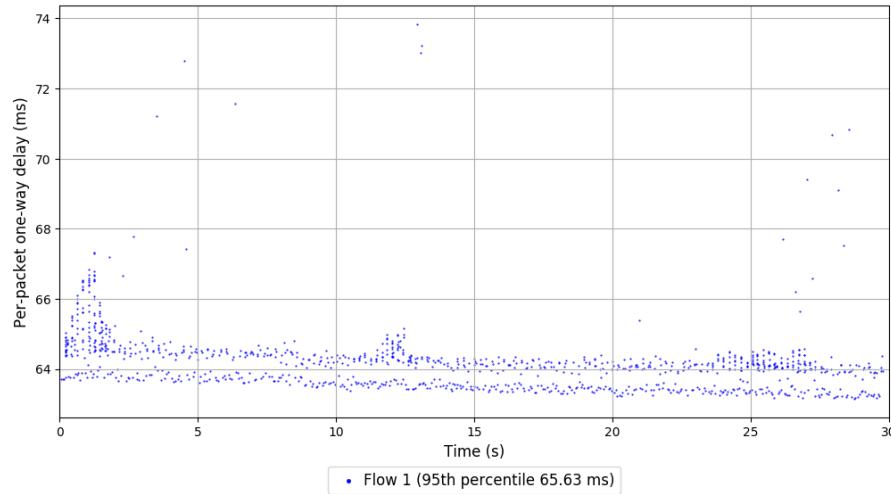
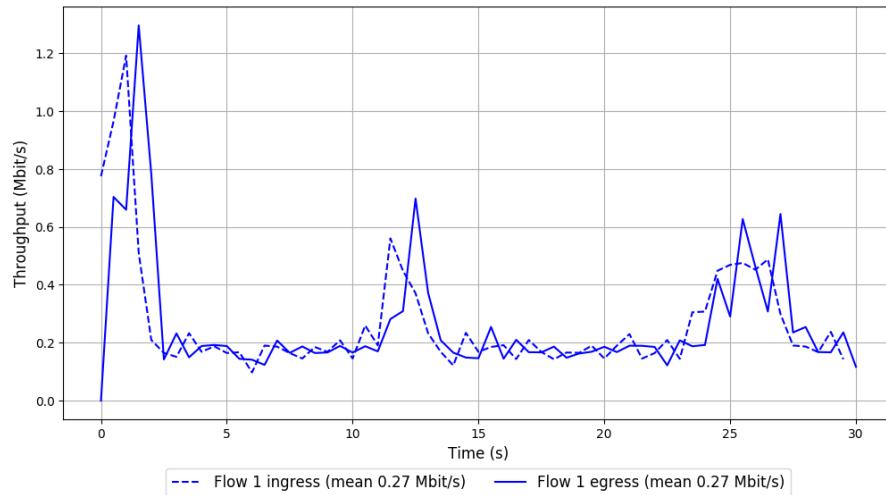


Run 3: Statistics of Sprout

```
Start at: 2018-07-10 13:16:47
End at: 2018-07-10 13:17:17
Local clock offset: -0.69 ms
Remote clock offset: 7.986 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 65.629 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 65.629 ms
Loss rate: 0.31%
```

Run 3: Report of Sprout — Data Link

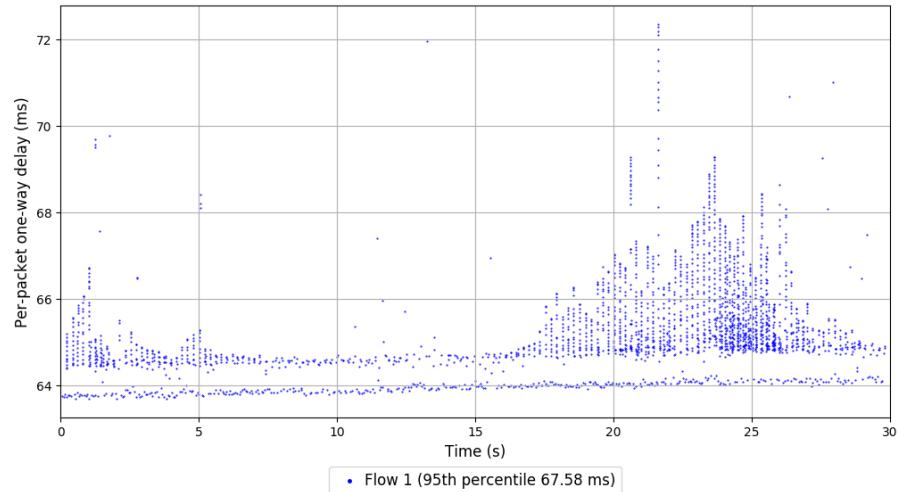
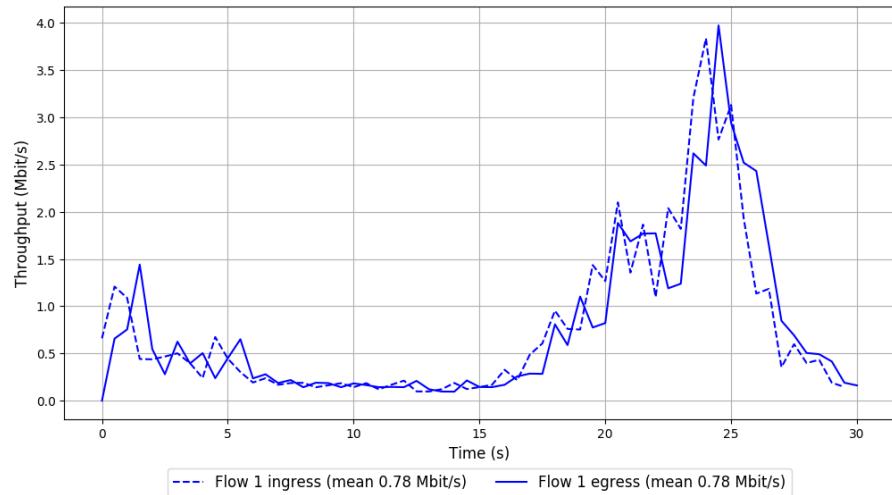


Run 4: Statistics of Sprout

```
Start at: 2018-07-10 13:38:59
End at: 2018-07-10 13:39:29
Local clock offset: -0.496 ms
Remote clock offset: 2.171 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 67.582 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 67.582 ms
Loss rate: 0.01%
```

Run 4: Report of Sprout — Data Link

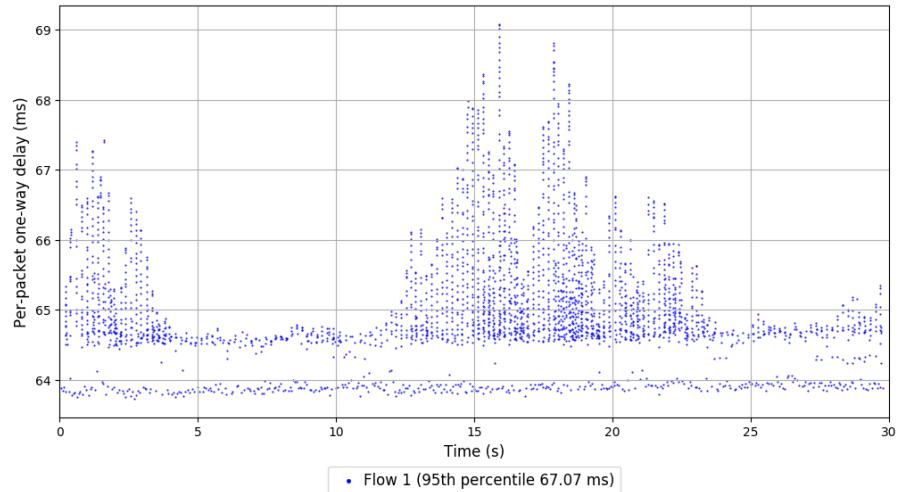
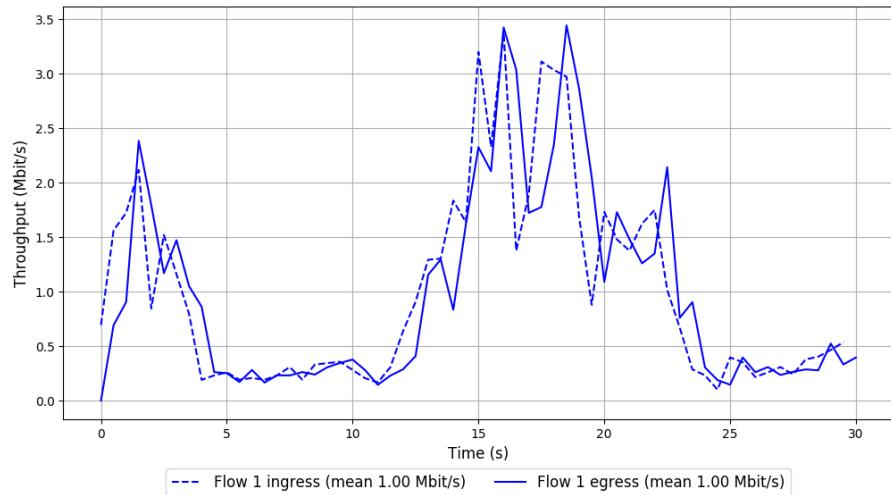


Run 5: Statistics of Sprout

```
Start at: 2018-07-10 14:01:10
End at: 2018-07-10 14:01:40
Local clock offset: -0.295 ms
Remote clock offset: 10.805 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 67.068 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 67.068 ms
Loss rate: 0.46%
```

Run 5: Report of Sprout — Data Link

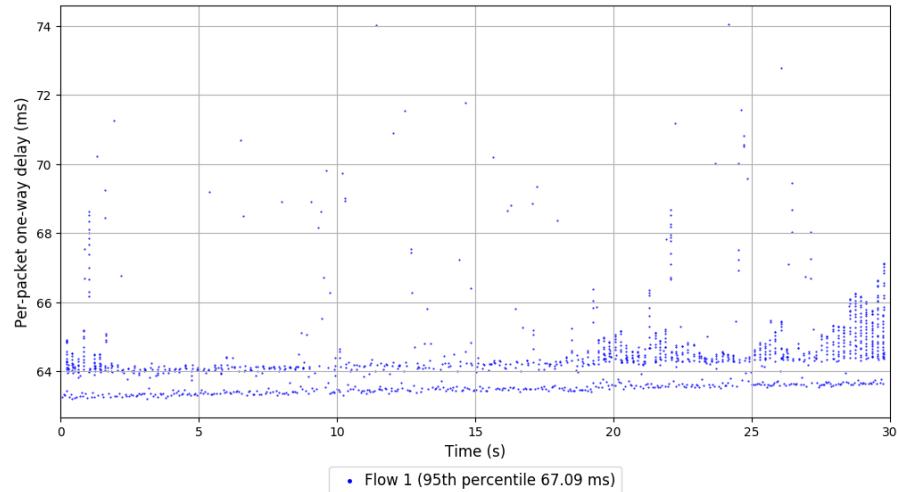
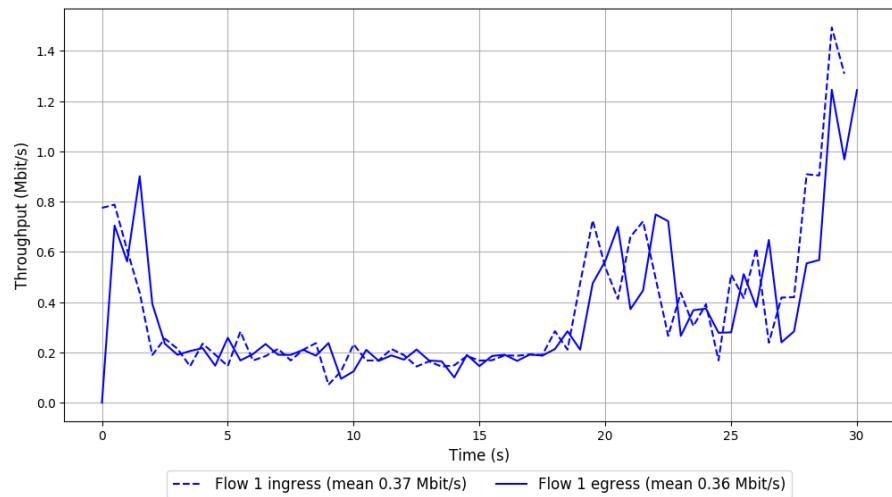


Run 6: Statistics of Sprout

```
Start at: 2018-07-10 14:23:24
End at: 2018-07-10 14:23:54
Local clock offset: -0.254 ms
Remote clock offset: 31.456 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 67.092 ms
Loss rate: 2.71%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 67.092 ms
Loss rate: 2.71%
```

Run 6: Report of Sprout — Data Link

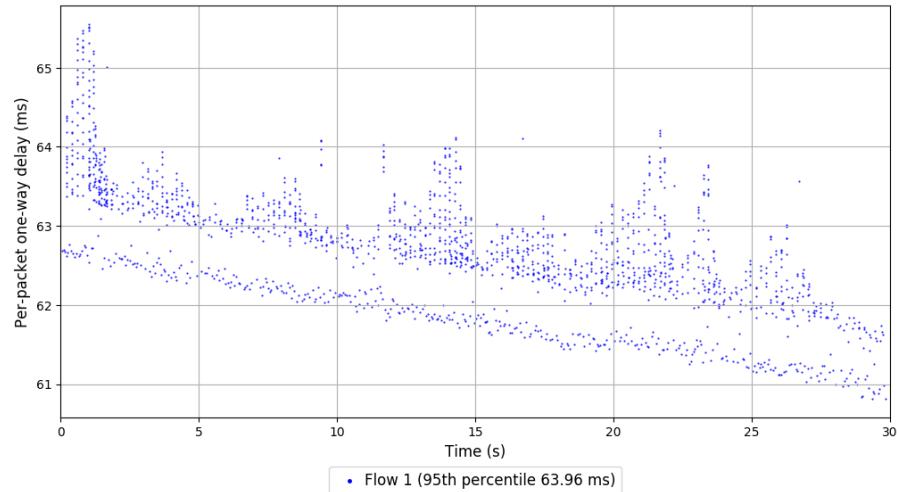
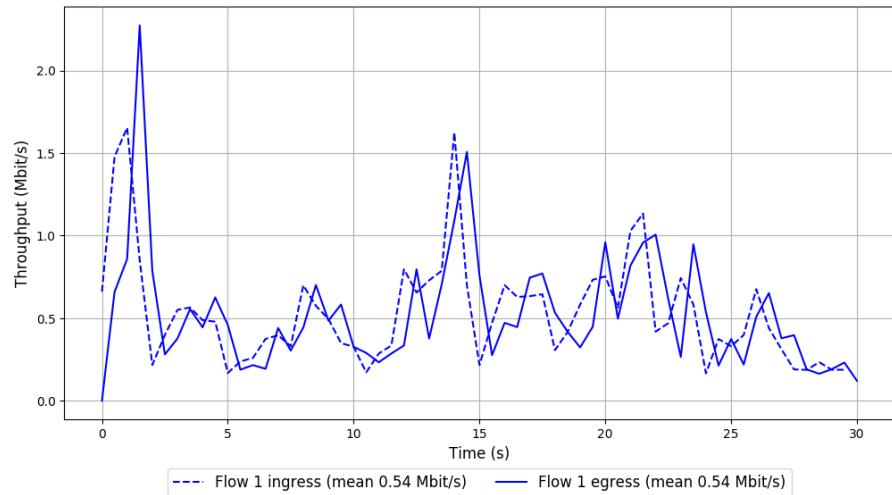


Run 7: Statistics of Sprout

```
Start at: 2018-07-10 14:45:36
End at: 2018-07-10 14:46:06
Local clock offset: 0.2 ms
Remote clock offset: 37.527 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 63.962 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 63.962 ms
Loss rate: 0.28%
```

Run 7: Report of Sprout — Data Link

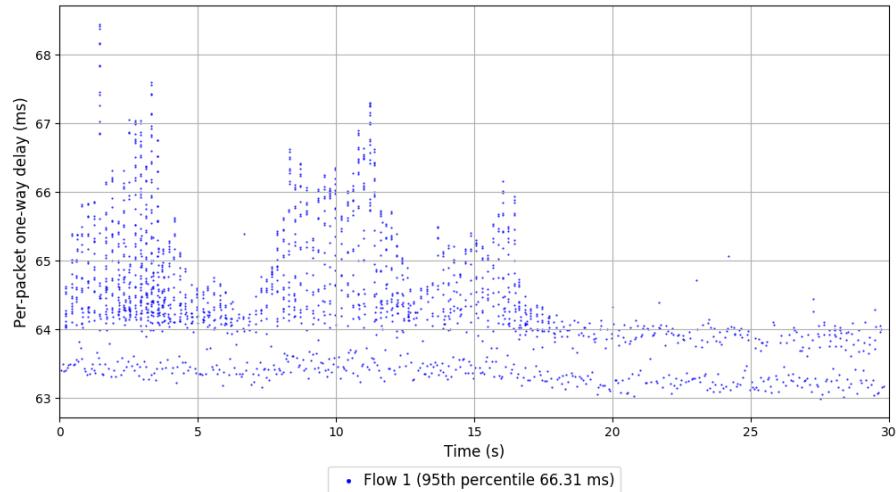
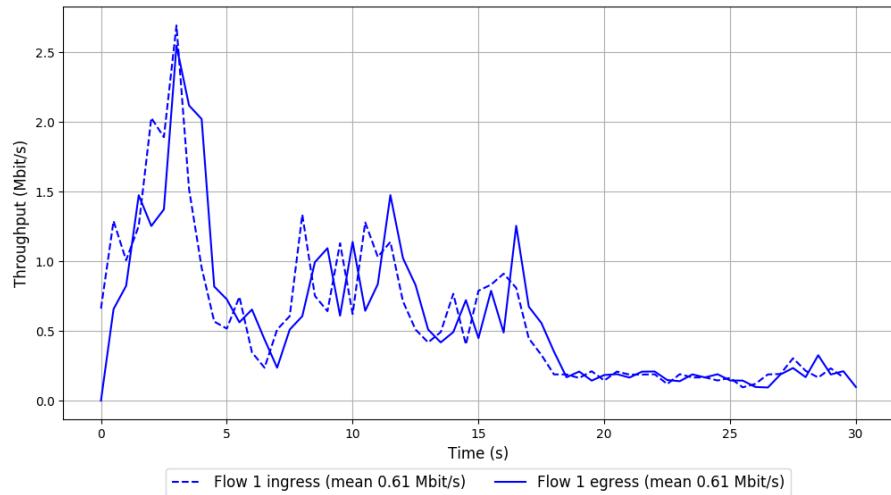


Run 8: Statistics of Sprout

```
Start at: 2018-07-10 15:07:54
End at: 2018-07-10 15:08:24
Local clock offset: 0.205 ms
Remote clock offset: 2.212 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 66.313 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 66.313 ms
Loss rate: 0.26%
```

Run 8: Report of Sprout — Data Link

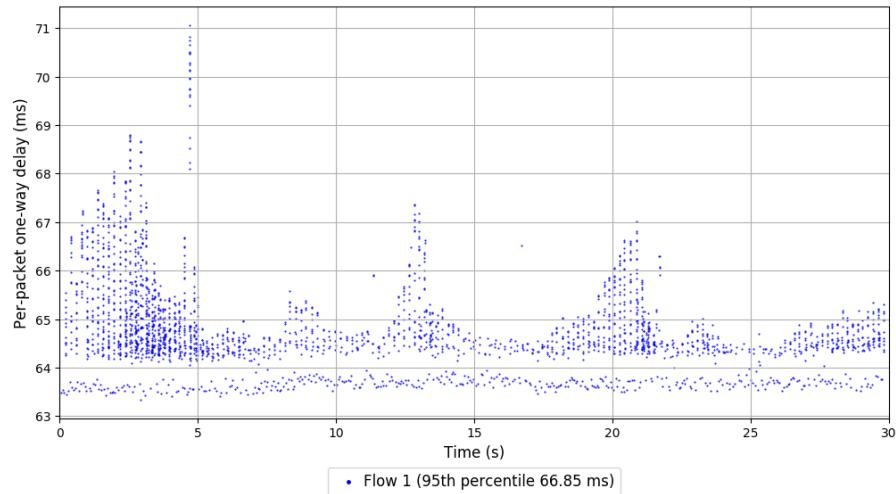
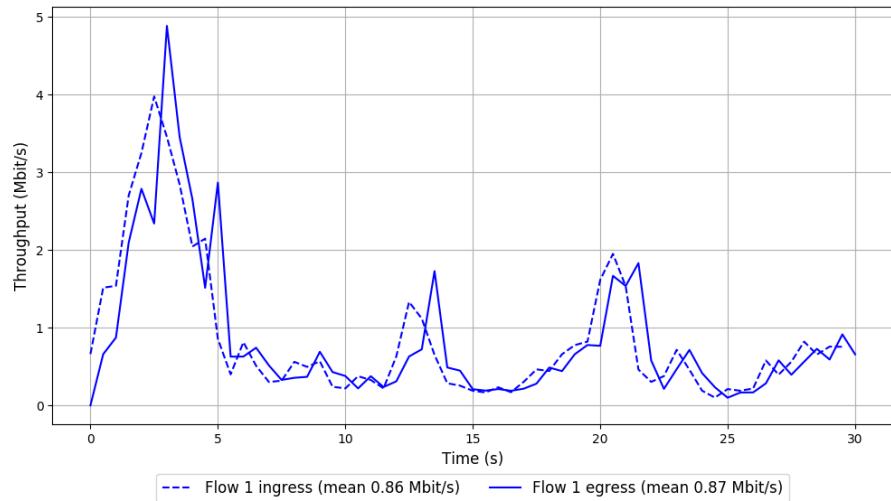


Run 9: Statistics of Sprout

```
Start at: 2018-07-10 15:30:09
End at: 2018-07-10 15:30:39
Local clock offset: 0.213 ms
Remote clock offset: 7.604 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.87 Mbit/s
95th percentile per-packet one-way delay: 66.852 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.87 Mbit/s
95th percentile per-packet one-way delay: 66.852 ms
Loss rate: 0.19%
```

Run 9: Report of Sprout — Data Link

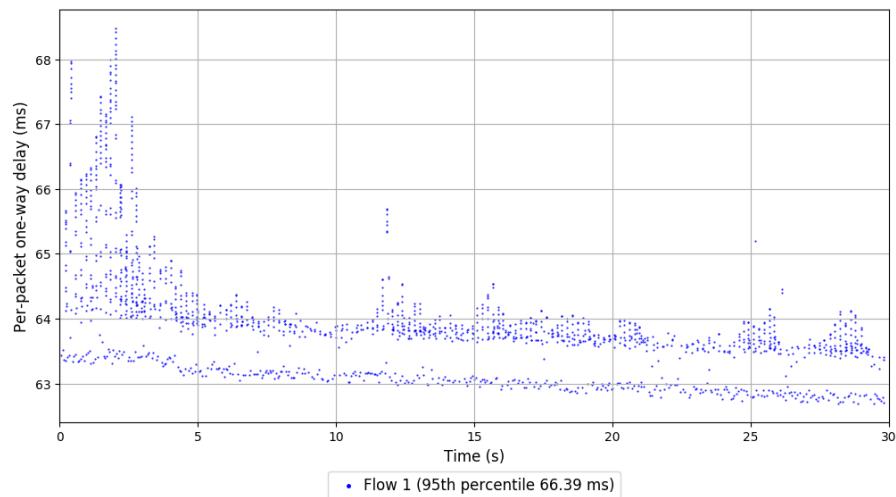
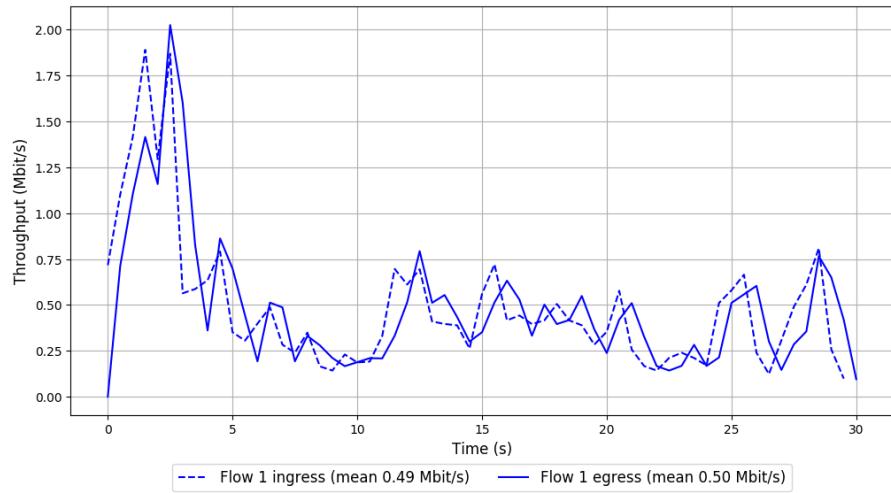


Run 10: Statistics of Sprout

```
Start at: 2018-07-10 15:52:26
End at: 2018-07-10 15:52:56
Local clock offset: 0.303 ms
Remote clock offset: 8.46 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 66.389 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 66.389 ms
Loss rate: 0.02%
```

Run 10: Report of Sprout — Data Link

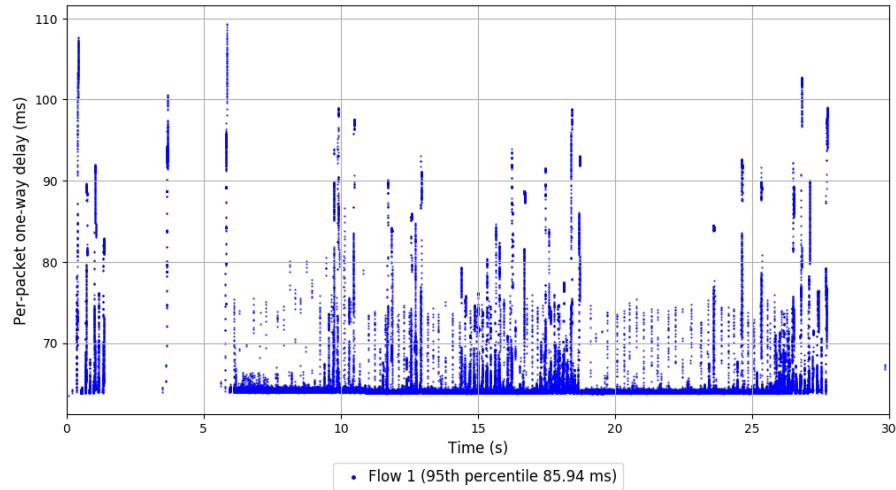
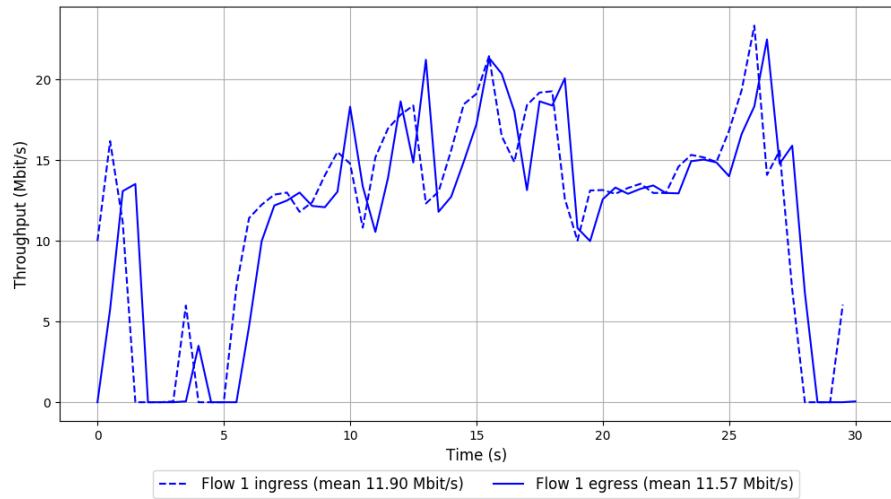


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-07-10 12:16:35
End at: 2018-07-10 12:17:05
Local clock offset: -1.093 ms
Remote clock offset: -2.782 ms

# Below is generated by plot.py at 2018-07-10 16:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.57 Mbit/s
95th percentile per-packet one-way delay: 85.936 ms
Loss rate: 3.32%
-- Flow 1:
Average throughput: 11.57 Mbit/s
95th percentile per-packet one-way delay: 85.936 ms
Loss rate: 3.32%
```

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

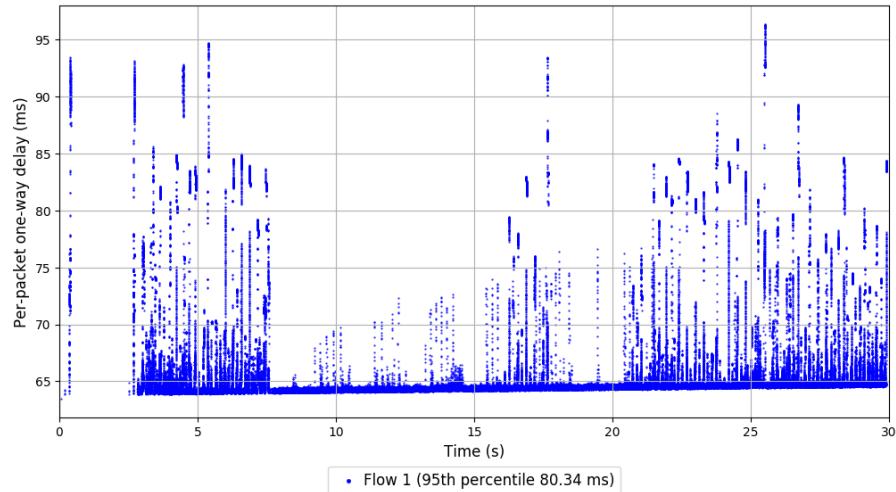
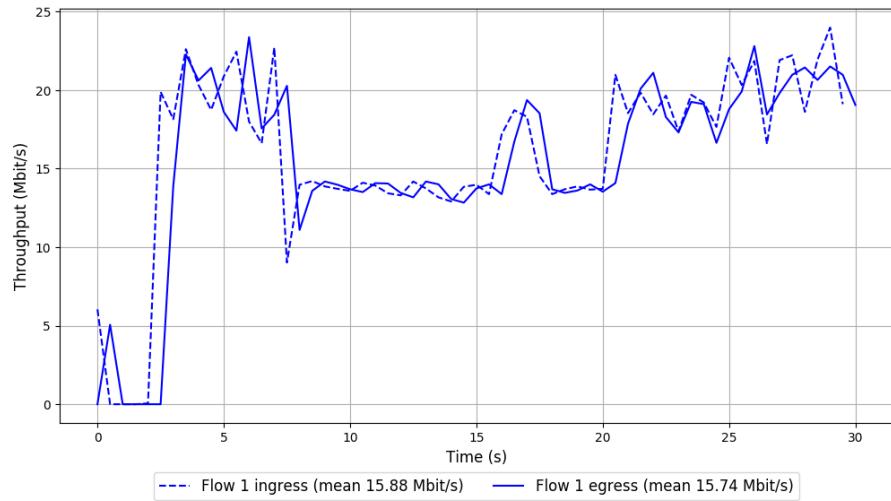


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-07-10 12:38:48
End at: 2018-07-10 12:39:18
Local clock offset: -0.994 ms
Remote clock offset: 25.93 ms

# Below is generated by plot.py at 2018-07-10 16:07:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.74 Mbit/s
95th percentile per-packet one-way delay: 80.344 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 15.74 Mbit/s
95th percentile per-packet one-way delay: 80.344 ms
Loss rate: 1.25%
```

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

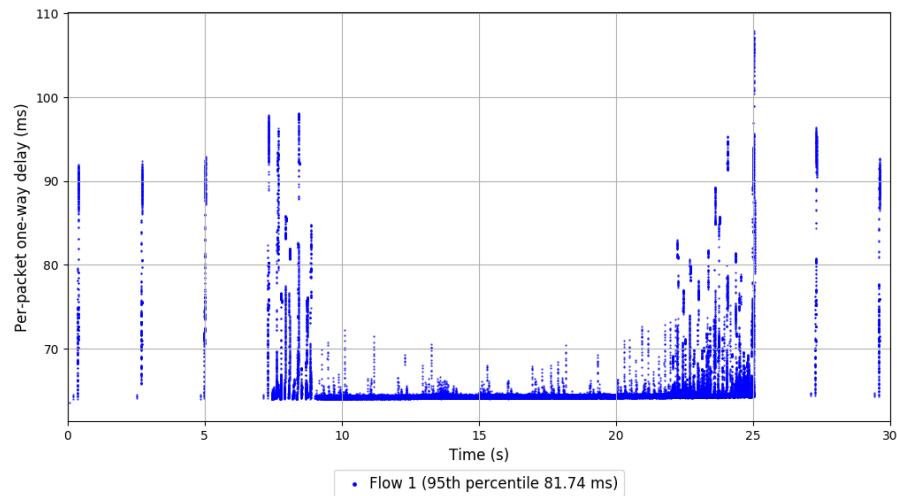
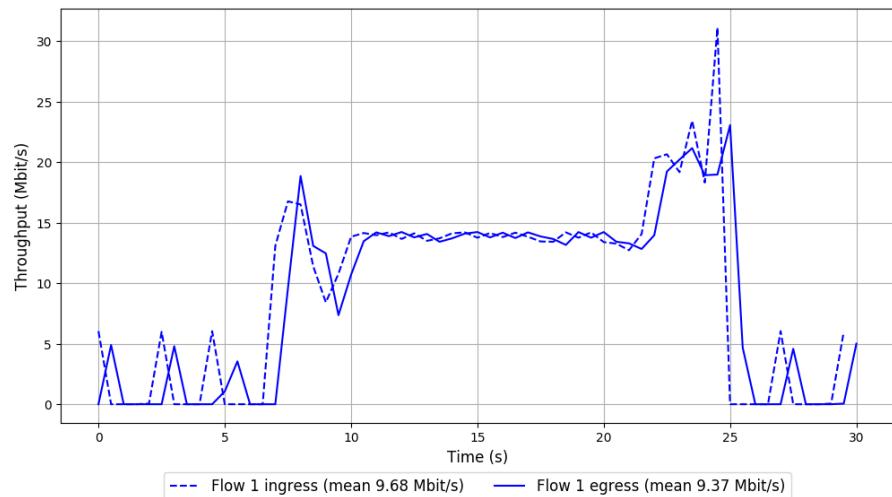


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-07-10 13:01:04
End at: 2018-07-10 13:01:34
Local clock offset: -0.874 ms
Remote clock offset: 46.984 ms

# Below is generated by plot.py at 2018-07-10 16:07:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.37 Mbit/s
95th percentile per-packet one-way delay: 81.736 ms
Loss rate: 3.19%
-- Flow 1:
Average throughput: 9.37 Mbit/s
95th percentile per-packet one-way delay: 81.736 ms
Loss rate: 3.19%
```

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

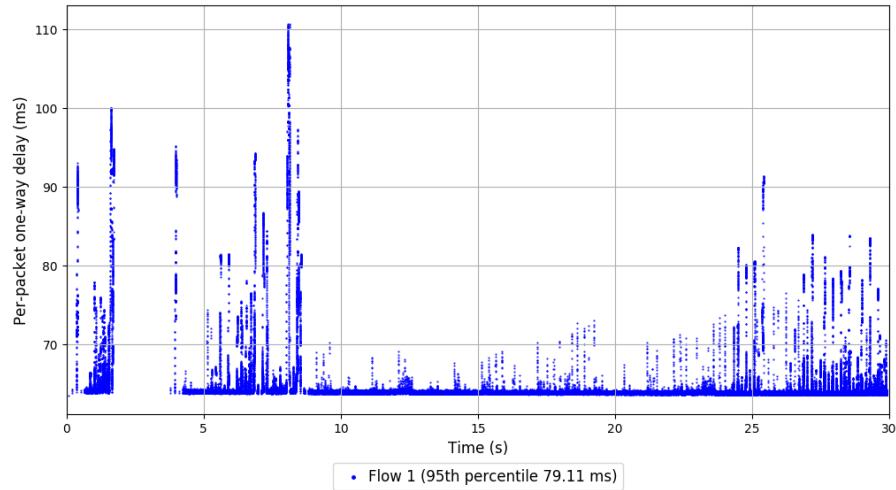
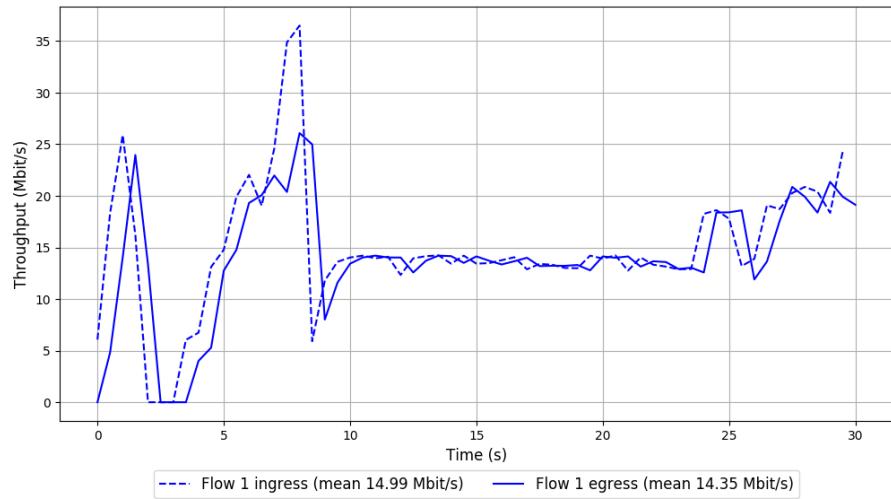


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-07-10 13:23:17
End at: 2018-07-10 13:23:47
Local clock offset: -0.634 ms
Remote clock offset: 3.087 ms

# Below is generated by plot.py at 2018-07-10 16:07:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.35 Mbit/s
95th percentile per-packet one-way delay: 79.113 ms
Loss rate: 4.72%
-- Flow 1:
Average throughput: 14.35 Mbit/s
95th percentile per-packet one-way delay: 79.113 ms
Loss rate: 4.72%
```

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

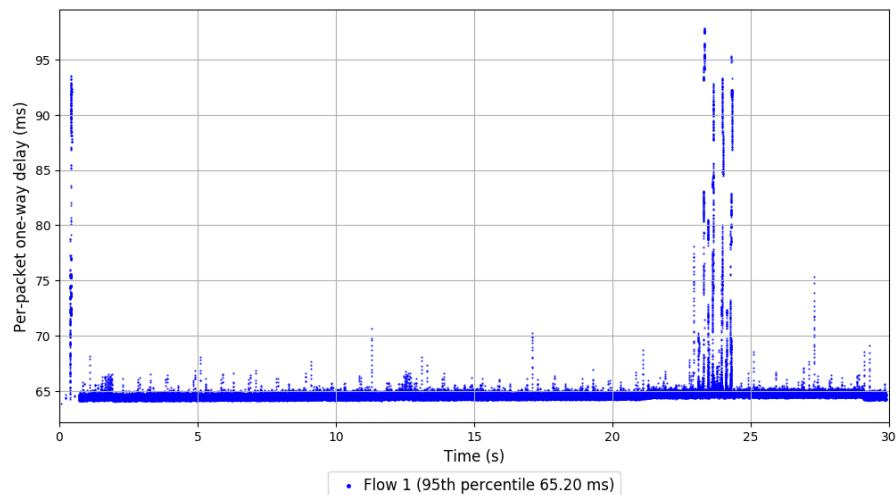
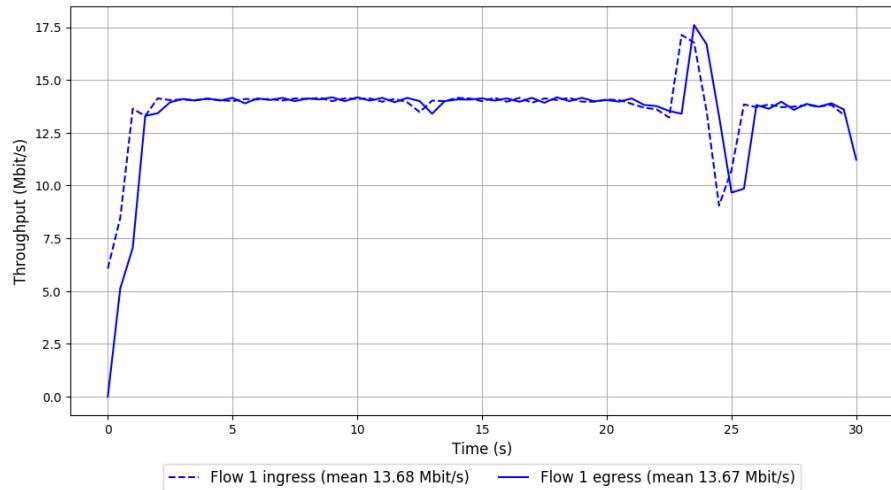


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-07-10 13:45:28
End at: 2018-07-10 13:45:59
Local clock offset: -0.358 ms
Remote clock offset: 6.44 ms

# Below is generated by plot.py at 2018-07-10 16:07:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.67 Mbit/s
95th percentile per-packet one-way delay: 65.199 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 13.67 Mbit/s
95th percentile per-packet one-way delay: 65.199 ms
Loss rate: 0.59%
```

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

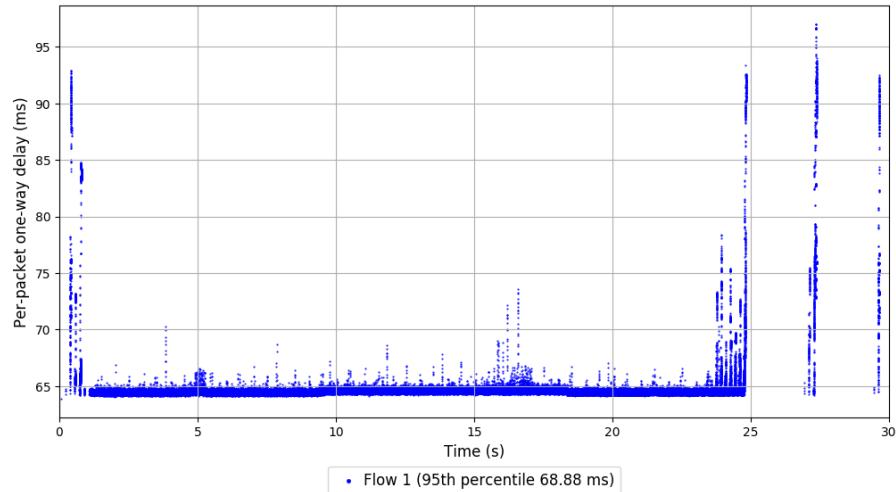
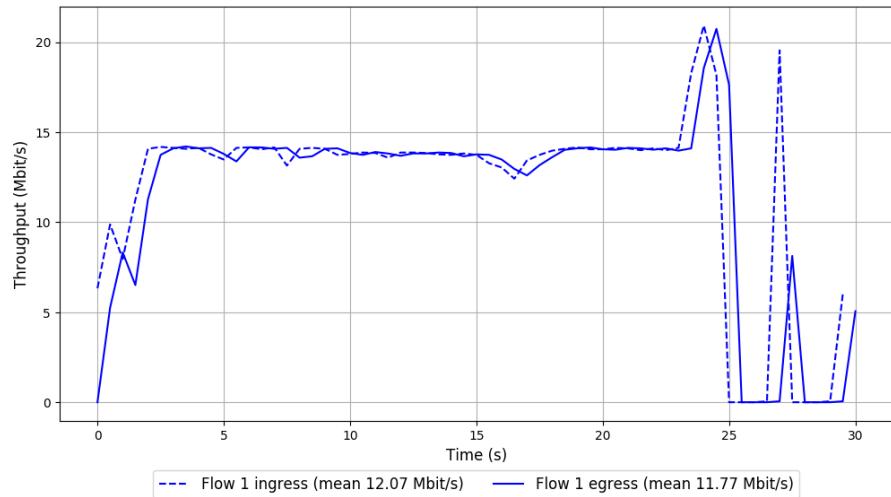


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-07-10 14:07:42
End at: 2018-07-10 14:08:12
Local clock offset: -0.145 ms
Remote clock offset: 11.779 ms

# Below is generated by plot.py at 2018-07-10 16:07:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.77 Mbit/s
95th percentile per-packet one-way delay: 68.882 ms
Loss rate: 2.41%
-- Flow 1:
Average throughput: 11.77 Mbit/s
95th percentile per-packet one-way delay: 68.882 ms
Loss rate: 2.41%
```

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

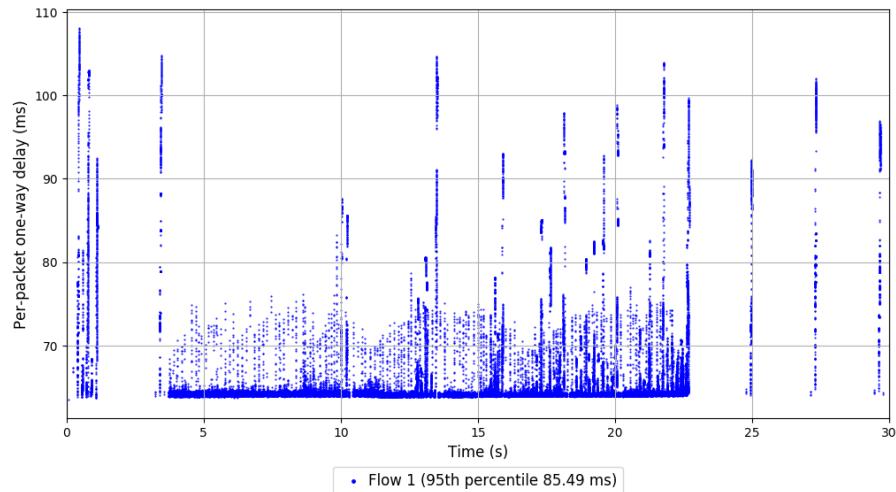
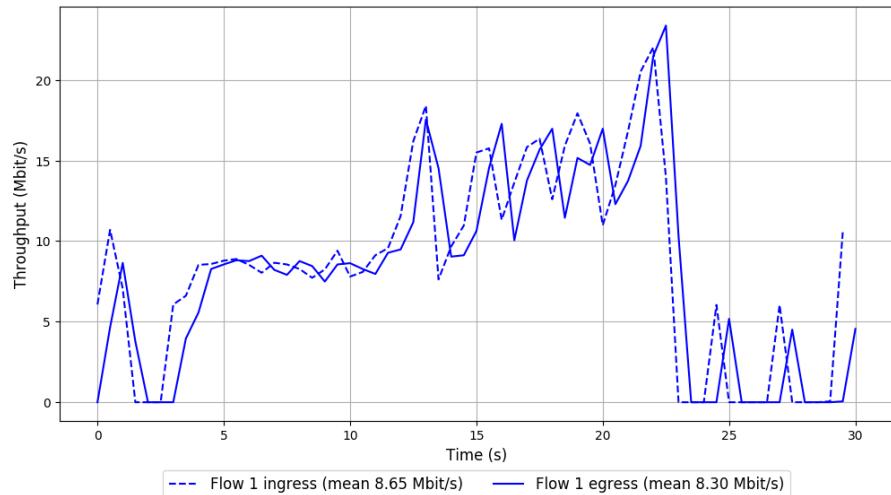


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-07-10 14:29:53
End at: 2018-07-10 14:30:23
Local clock offset: -0.086 ms
Remote clock offset: 35.841 ms

# Below is generated by plot.py at 2018-07-10 16:07:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 85.491 ms
Loss rate: 5.00%
-- Flow 1:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 85.491 ms
Loss rate: 5.00%
```

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

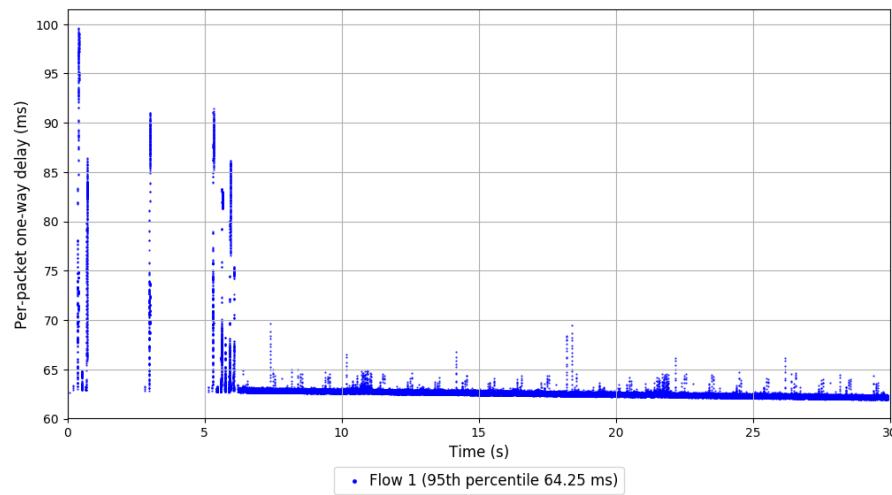
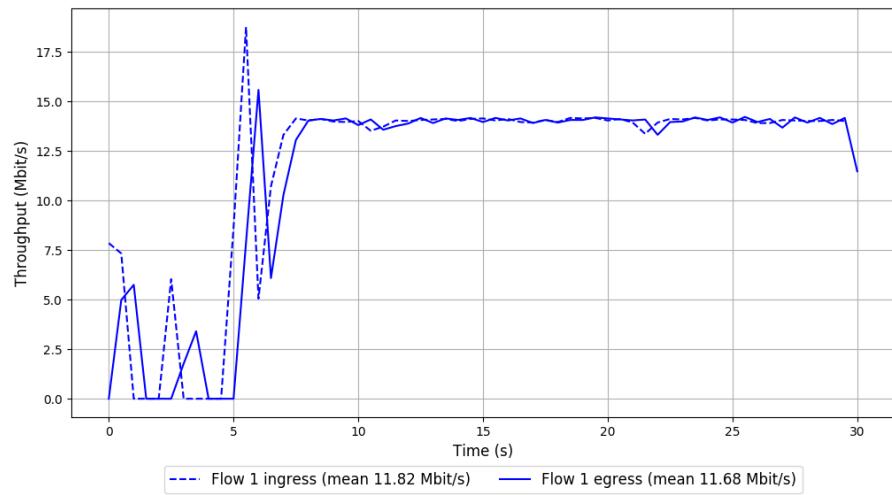


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-07-10 14:52:08
End at: 2018-07-10 14:52:38
Local clock offset: 0.095 ms
Remote clock offset: 19.552 ms

# Below is generated by plot.py at 2018-07-10 16:07:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.68 Mbit/s
95th percentile per-packet one-way delay: 64.250 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 11.68 Mbit/s
95th percentile per-packet one-way delay: 64.250 ms
Loss rate: 1.61%
```

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

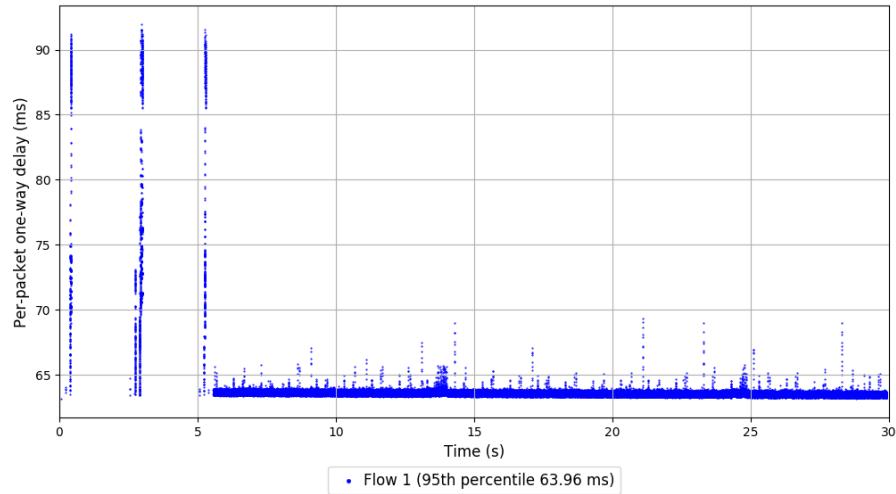
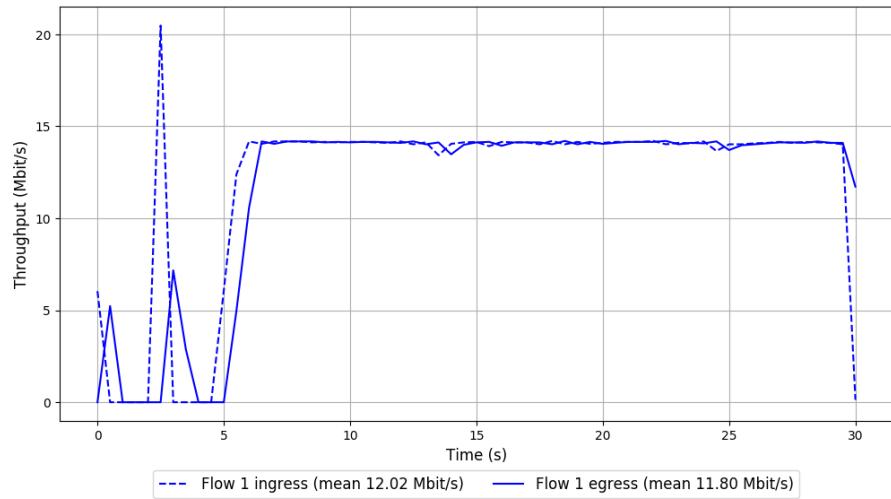


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-07-10 15:14:25
End at: 2018-07-10 15:14:55
Local clock offset: 0.259 ms
Remote clock offset: -1.161 ms

# Below is generated by plot.py at 2018-07-10 16:07:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.80 Mbit/s
95th percentile per-packet one-way delay: 63.957 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 11.80 Mbit/s
95th percentile per-packet one-way delay: 63.957 ms
Loss rate: 2.30%
```

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

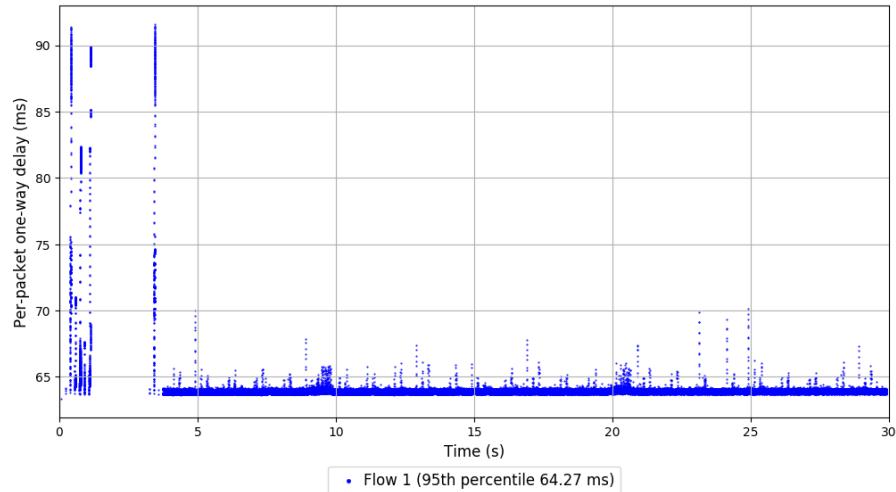
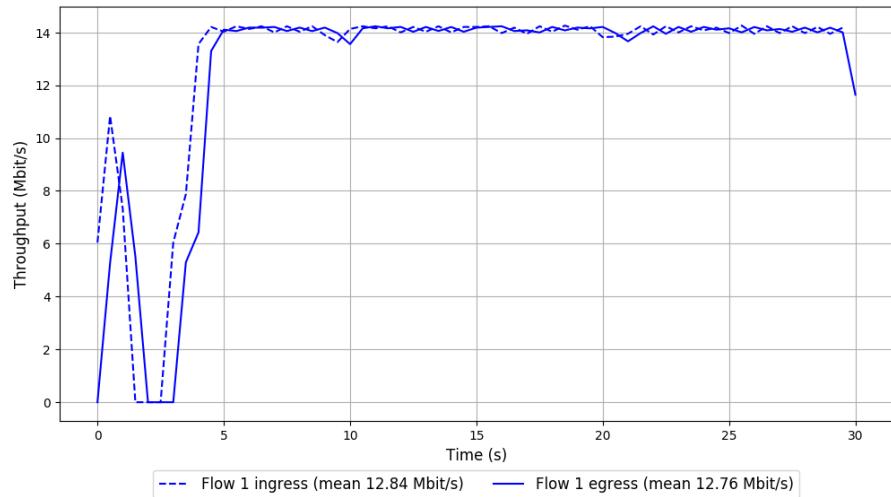


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-07-10 15:36:41
End at: 2018-07-10 15:37:11
Local clock offset: 0.188 ms
Remote clock offset: 8.948 ms

# Below is generated by plot.py at 2018-07-10 16:07:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.76 Mbit/s
95th percentile per-packet one-way delay: 64.268 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 12.76 Mbit/s
95th percentile per-packet one-way delay: 64.268 ms
Loss rate: 1.17%
```

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

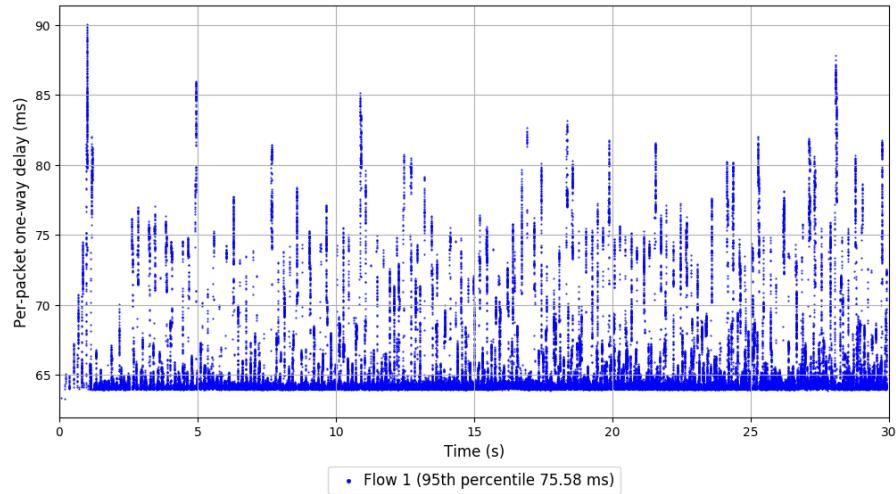
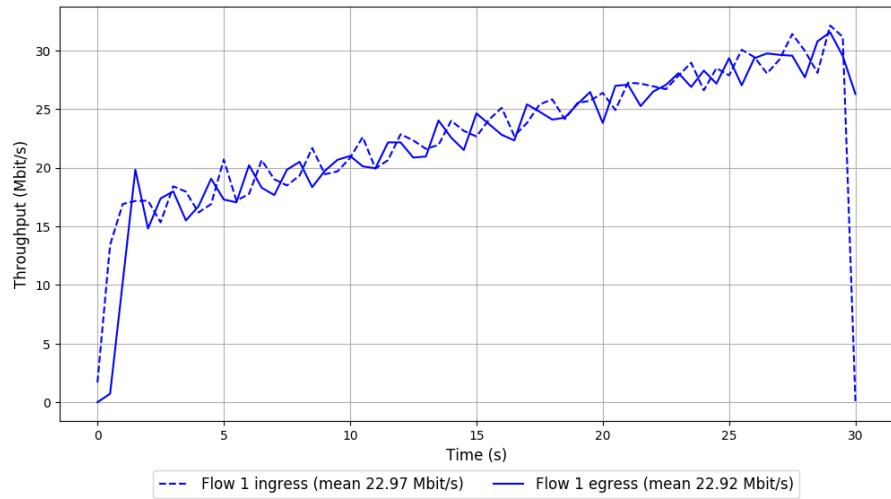


Run 1: Statistics of TCP Vegas

```
Start at: 2018-07-10 12:23:04
End at: 2018-07-10 12:23:34
Local clock offset: -0.99 ms
Remote clock offset: -2.869 ms

# Below is generated by plot.py at 2018-07-10 16:07:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.92 Mbit/s
95th percentile per-packet one-way delay: 75.582 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 22.92 Mbit/s
95th percentile per-packet one-way delay: 75.582 ms
Loss rate: 0.73%
```

Run 1: Report of TCP Vegas — Data Link

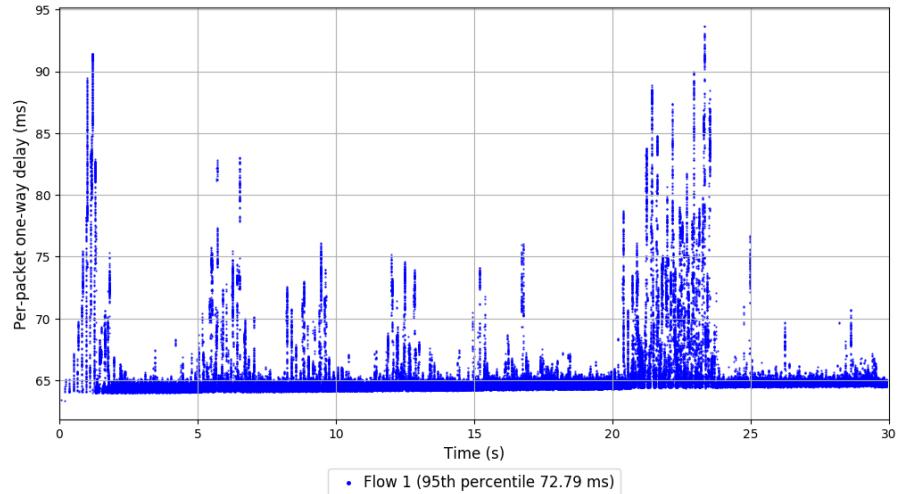
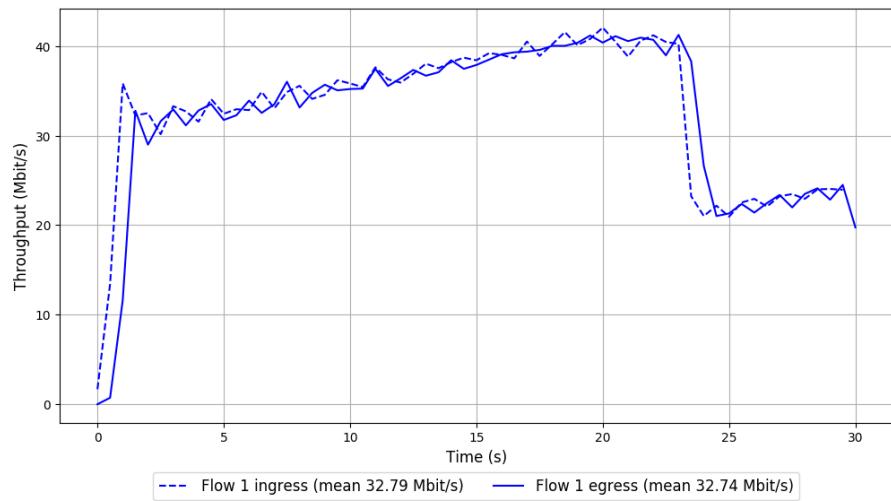


Run 2: Statistics of TCP Vegas

```
Start at: 2018-07-10 12:45:17
End at: 2018-07-10 12:45:47
Local clock offset: -1.016 ms
Remote clock offset: 34.331 ms

# Below is generated by plot.py at 2018-07-10 16:07:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: 72.789 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: 72.789 ms
Loss rate: 0.65%
```

Run 2: Report of TCP Vegas — Data Link

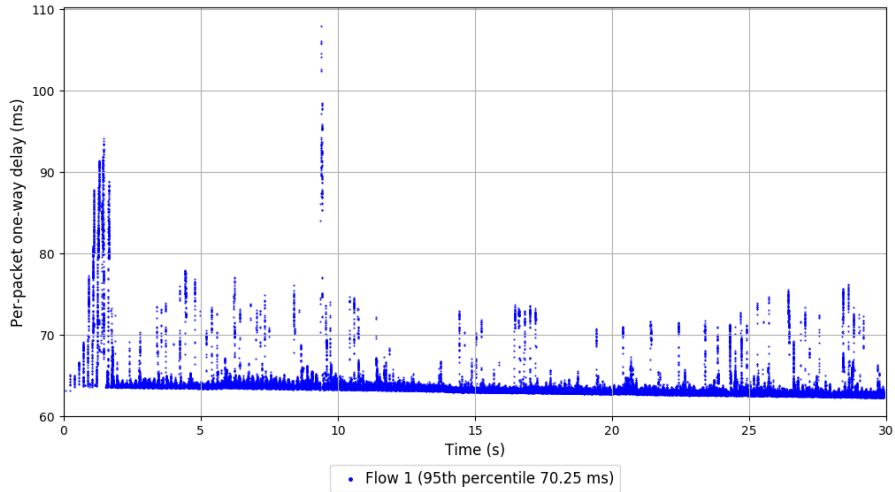
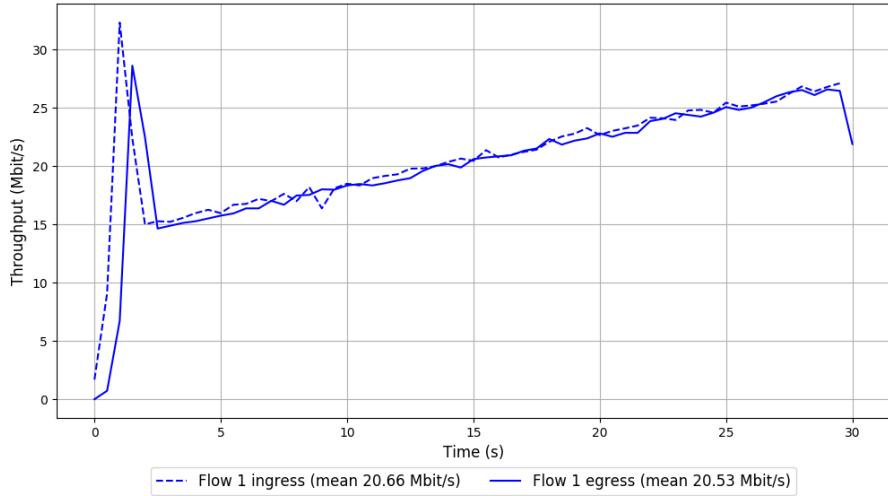


Run 3: Statistics of TCP Vegas

```
Start at: 2018-07-10 13:07:33
End at: 2018-07-10 13:08:03
Local clock offset: -0.827 ms
Remote clock offset: 24.396 ms

# Below is generated by plot.py at 2018-07-10 16:07:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.53 Mbit/s
95th percentile per-packet one-way delay: 70.247 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 20.53 Mbit/s
95th percentile per-packet one-way delay: 70.247 ms
Loss rate: 1.15%
```

Run 3: Report of TCP Vegas — Data Link

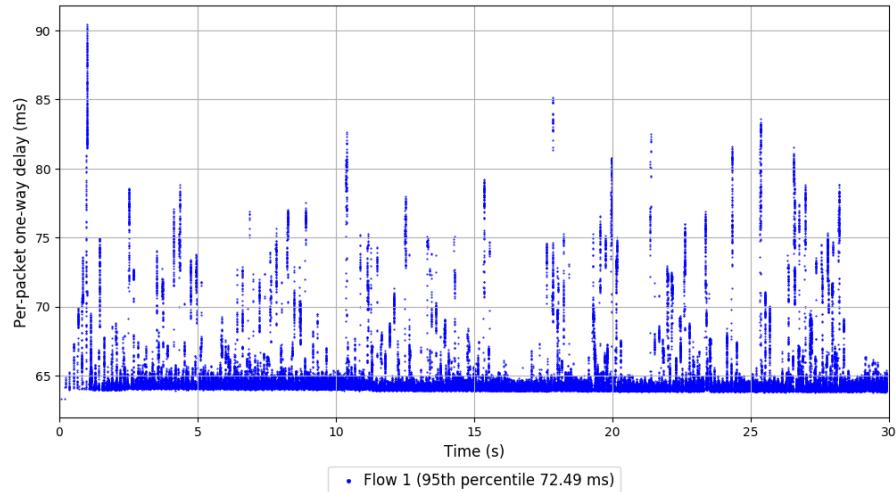
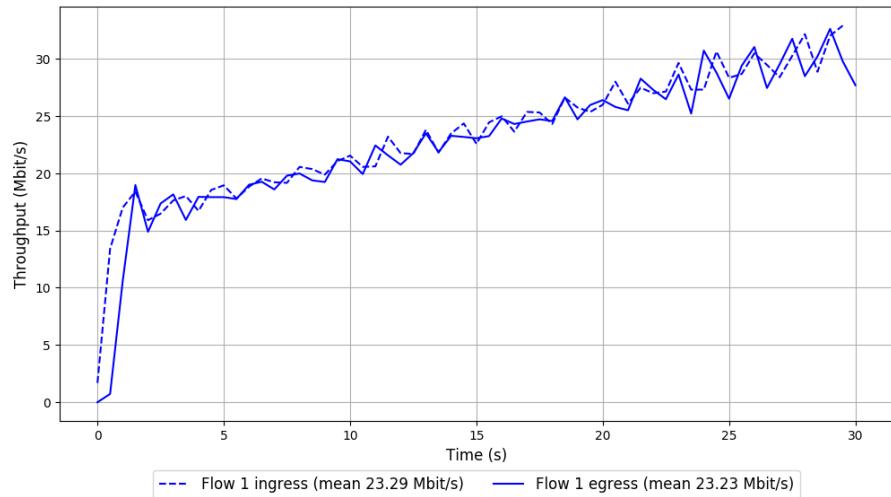


Run 4: Statistics of TCP Vegas

```
Start at: 2018-07-10 13:29:46
End at: 2018-07-10 13:30:16
Local clock offset: -0.686 ms
Remote clock offset: 0.528 ms

# Below is generated by plot.py at 2018-07-10 16:07:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.23 Mbit/s
95th percentile per-packet one-way delay: 72.491 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 23.23 Mbit/s
95th percentile per-packet one-way delay: 72.491 ms
Loss rate: 0.75%
```

Run 4: Report of TCP Vegas — Data Link

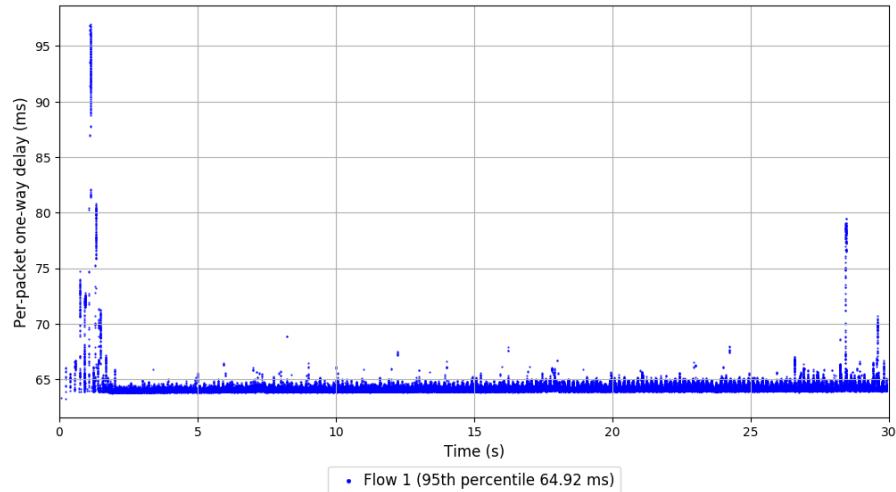
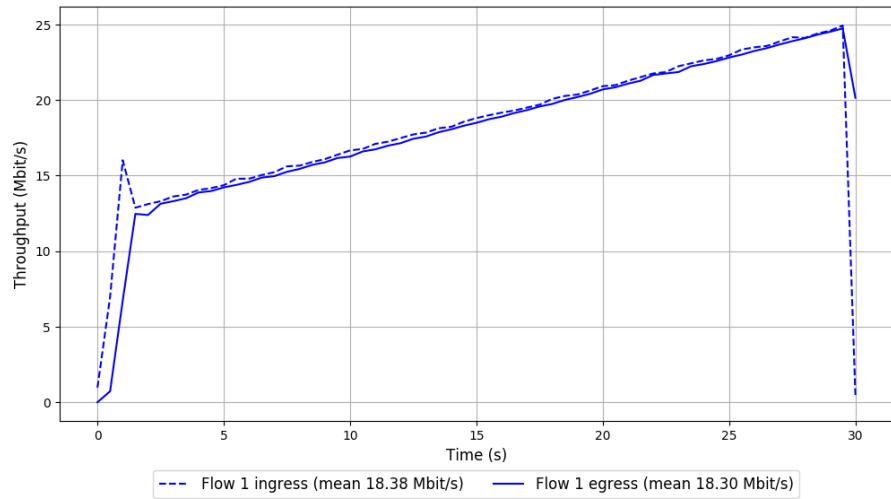


Run 5: Statistics of TCP Vegas

```
Start at: 2018-07-10 13:51:57
End at: 2018-07-10 13:52:27
Local clock offset: -0.5 ms
Remote clock offset: 8.718 ms

# Below is generated by plot.py at 2018-07-10 16:07:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.30 Mbit/s
95th percentile per-packet one-way delay: 64.920 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 18.30 Mbit/s
95th percentile per-packet one-way delay: 64.920 ms
Loss rate: 0.92%
```

Run 5: Report of TCP Vegas — Data Link

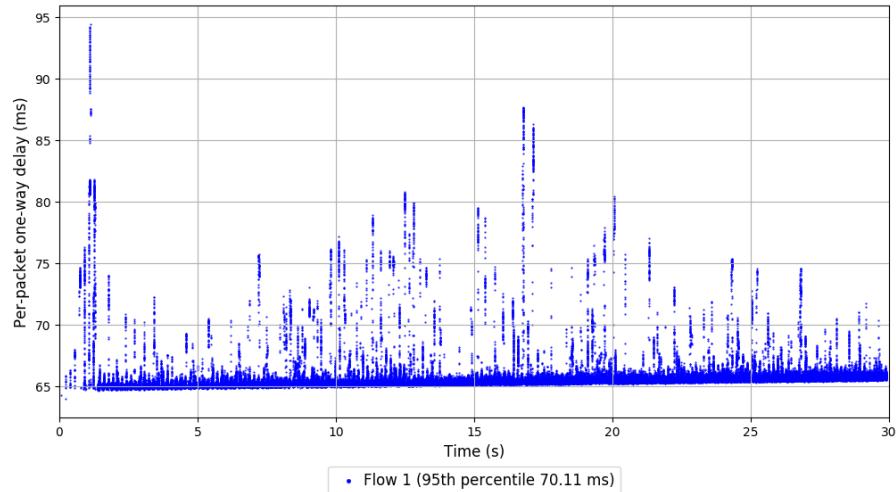
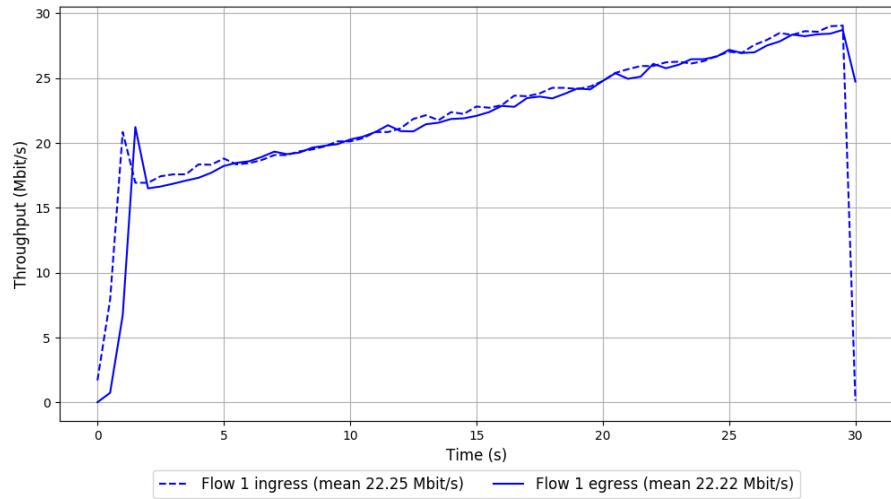


Run 6: Statistics of TCP Vegas

```
Start at: 2018-07-10 14:14:11
End at: 2018-07-10 14:14:41
Local clock offset: -0.251 ms
Remote clock offset: 20.689 ms

# Below is generated by plot.py at 2018-07-10 16:07:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.22 Mbit/s
95th percentile per-packet one-way delay: 70.107 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 22.22 Mbit/s
95th percentile per-packet one-way delay: 70.107 ms
Loss rate: 0.64%
```

Run 6: Report of TCP Vegas — Data Link

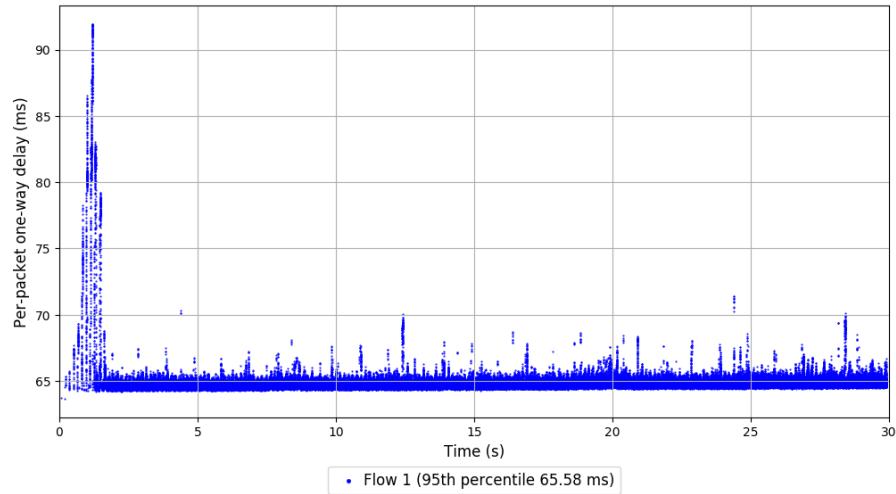
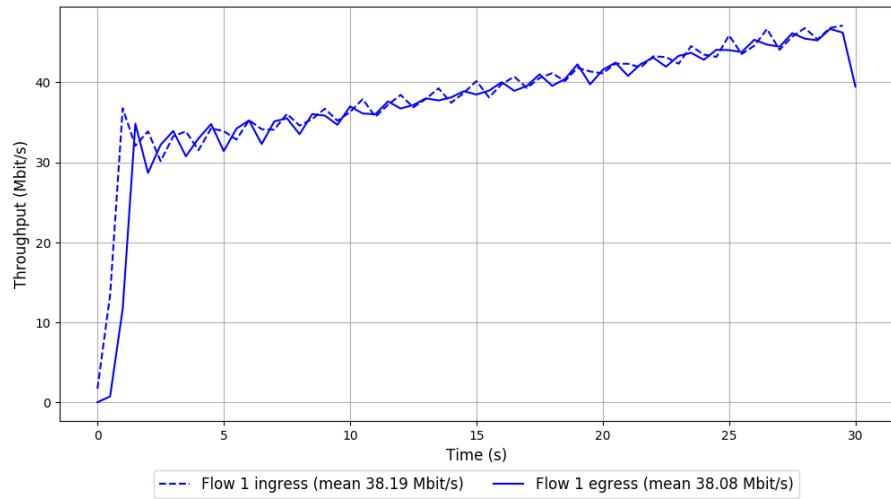


Run 7: Statistics of TCP Vegas

```
Start at: 2018-07-10 14:36:21
End at: 2018-07-10 14:36:51
Local clock offset: -0.035 ms
Remote clock offset: 39.353 ms

# Below is generated by plot.py at 2018-07-10 16:07:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.08 Mbit/s
95th percentile per-packet one-way delay: 65.579 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 38.08 Mbit/s
95th percentile per-packet one-way delay: 65.579 ms
Loss rate: 0.77%
```

Run 7: Report of TCP Vegas — Data Link

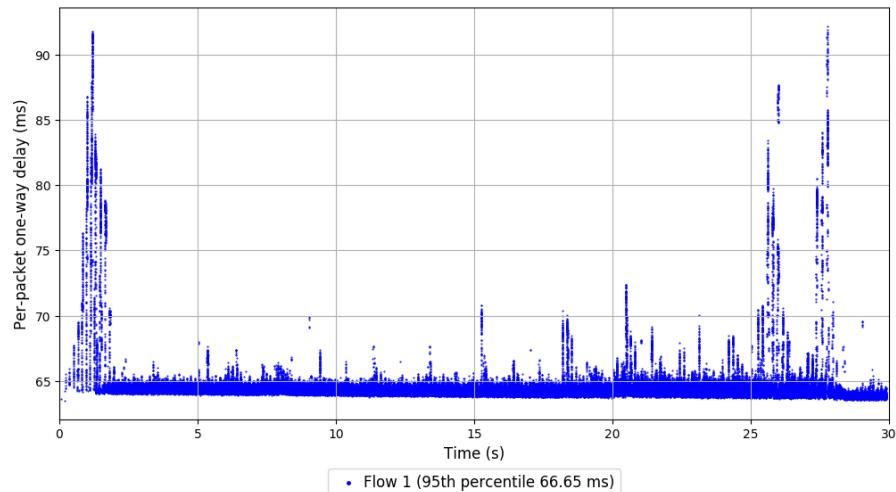
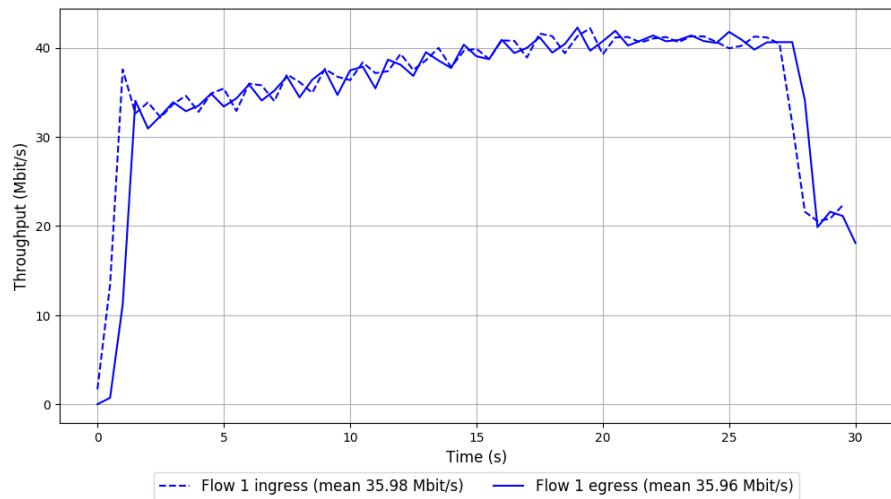


Run 8: Statistics of TCP Vegas

```
Start at: 2018-07-10 14:58:37
End at: 2018-07-10 14:59:07
Local clock offset: 0.385 ms
Remote clock offset: 9.805 ms

# Below is generated by plot.py at 2018-07-10 16:07:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.96 Mbit/s
95th percentile per-packet one-way delay: 66.649 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 35.96 Mbit/s
95th percentile per-packet one-way delay: 66.649 ms
Loss rate: 0.55%
```

Run 8: Report of TCP Vegas — Data Link

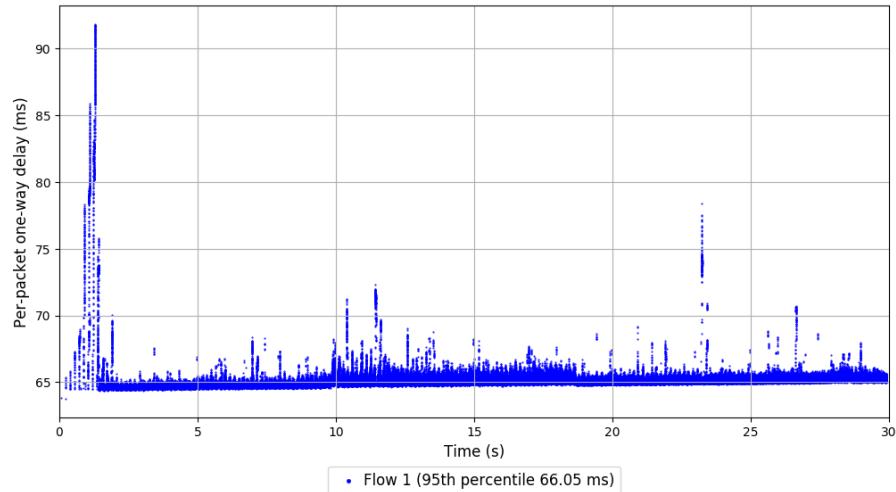
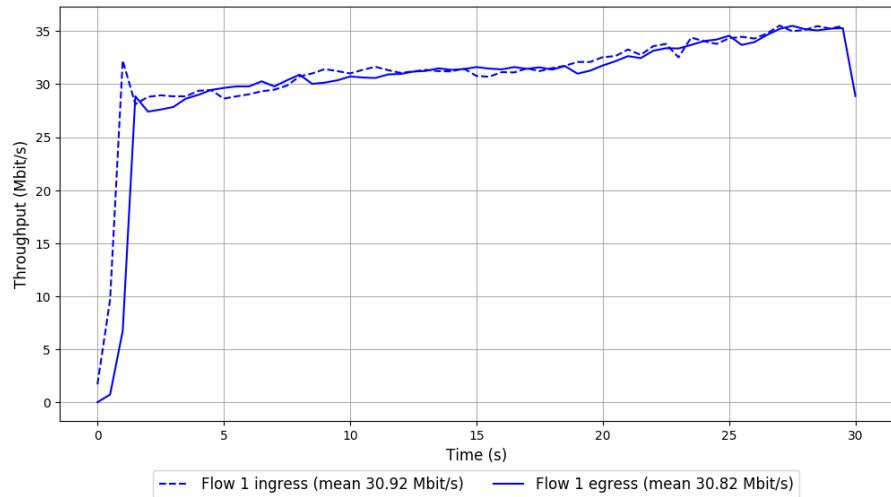


Run 9: Statistics of TCP Vegas

```
Start at: 2018-07-10 15:20:55
End at: 2018-07-10 15:21:25
Local clock offset: 0.164 ms
Remote clock offset: 0.583 ms

# Below is generated by plot.py at 2018-07-10 16:07:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.82 Mbit/s
95th percentile per-packet one-way delay: 66.045 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 30.82 Mbit/s
95th percentile per-packet one-way delay: 66.045 ms
Loss rate: 0.81%
```

Run 9: Report of TCP Vegas — Data Link

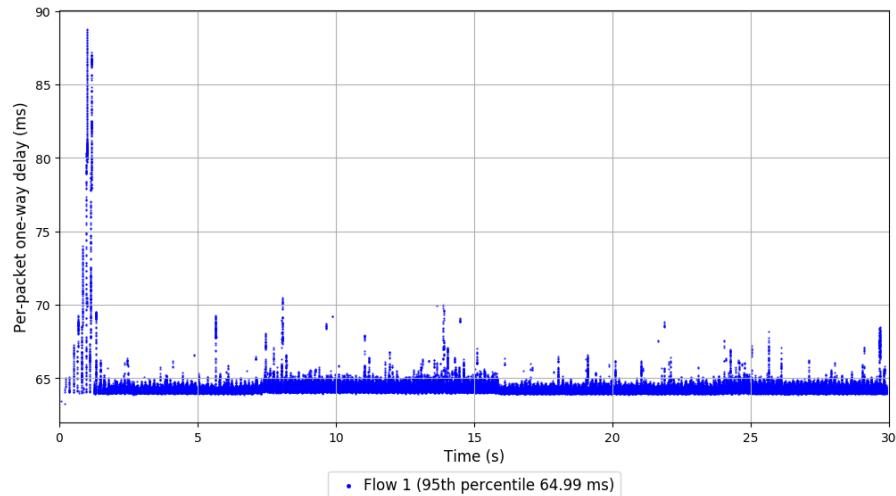
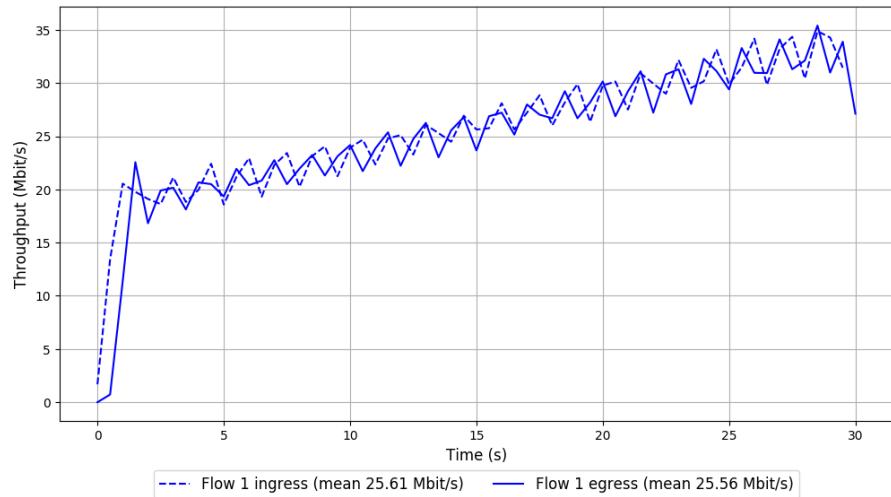


Run 10: Statistics of TCP Vegas

```
Start at: 2018-07-10 15:43:12
End at: 2018-07-10 15:43:42
Local clock offset: 0.156 ms
Remote clock offset: 9.075 ms

# Below is generated by plot.py at 2018-07-10 16:07:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.56 Mbit/s
95th percentile per-packet one-way delay: 64.992 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 25.56 Mbit/s
95th percentile per-packet one-way delay: 64.992 ms
Loss rate: 0.68%
```

Run 10: Report of TCP Vegas — Data Link

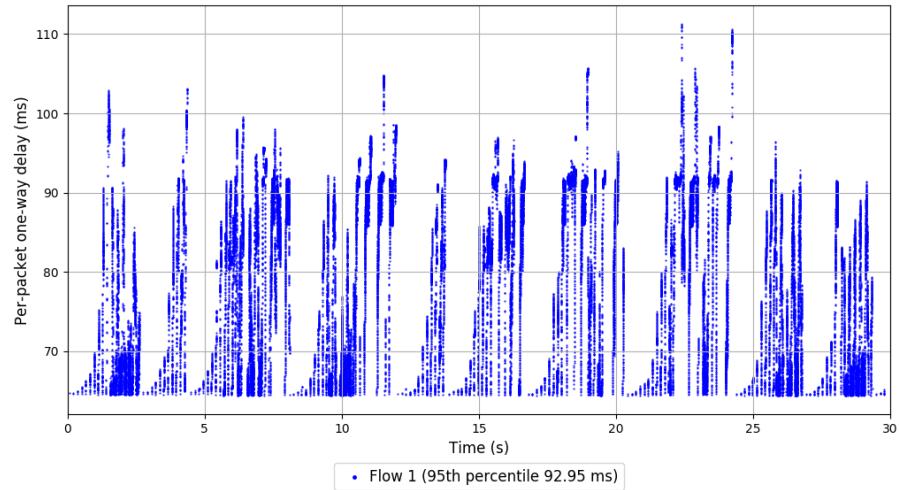
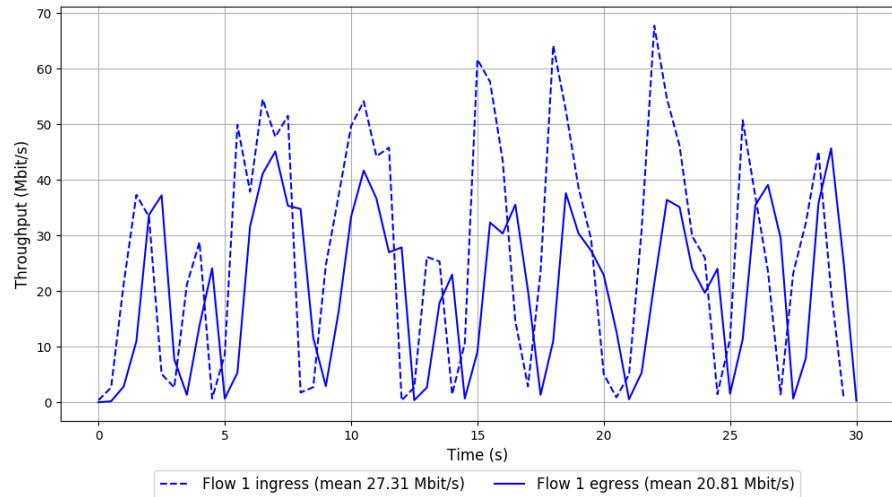


Run 1: Statistics of Verus

```
Start at: 2018-07-10 12:25:40
End at: 2018-07-10 12:26:10
Local clock offset: -0.96 ms
Remote clock offset: -2.957 ms

# Below is generated by plot.py at 2018-07-10 16:07:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.81 Mbit/s
95th percentile per-packet one-way delay: 92.953 ms
Loss rate: 24.20%
-- Flow 1:
Average throughput: 20.81 Mbit/s
95th percentile per-packet one-way delay: 92.953 ms
Loss rate: 24.20%
```

Run 1: Report of Verus — Data Link

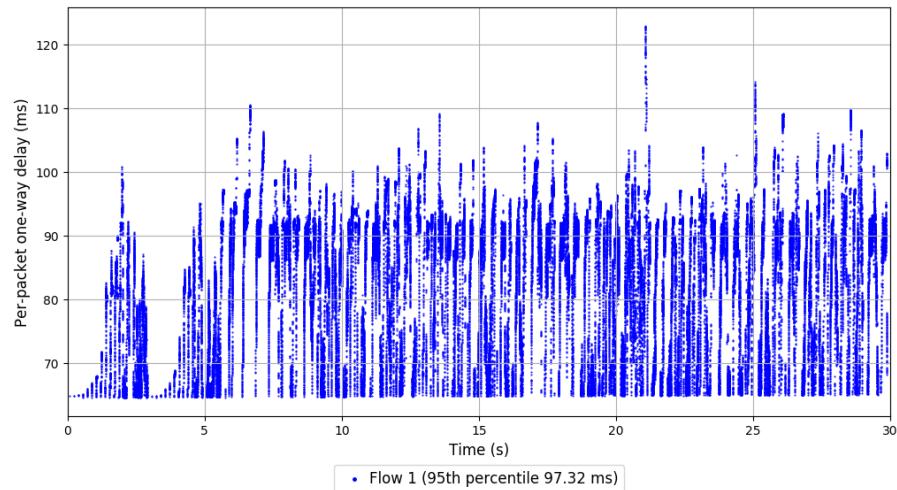
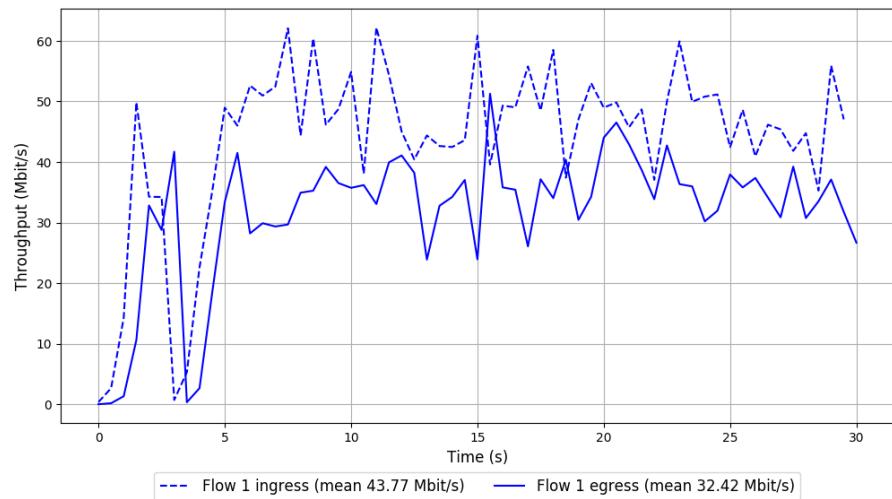


Run 2: Statistics of Verus

```
Start at: 2018-07-10 12:47:53
End at: 2018-07-10 12:48:23
Local clock offset: -0.98 ms
Remote clock offset: 36.706 ms

# Below is generated by plot.py at 2018-07-10 16:08:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.42 Mbit/s
95th percentile per-packet one-way delay: 97.316 ms
Loss rate: 26.18%
-- Flow 1:
Average throughput: 32.42 Mbit/s
95th percentile per-packet one-way delay: 97.316 ms
Loss rate: 26.18%
```

Run 2: Report of Verus — Data Link

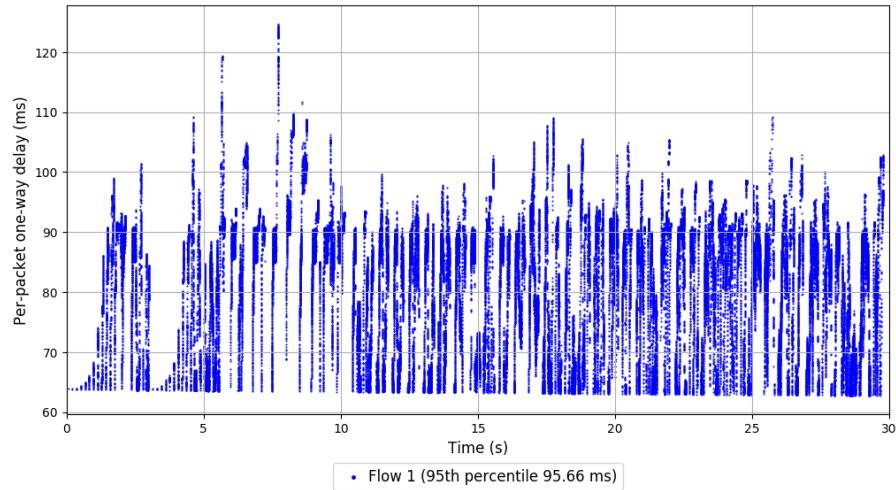
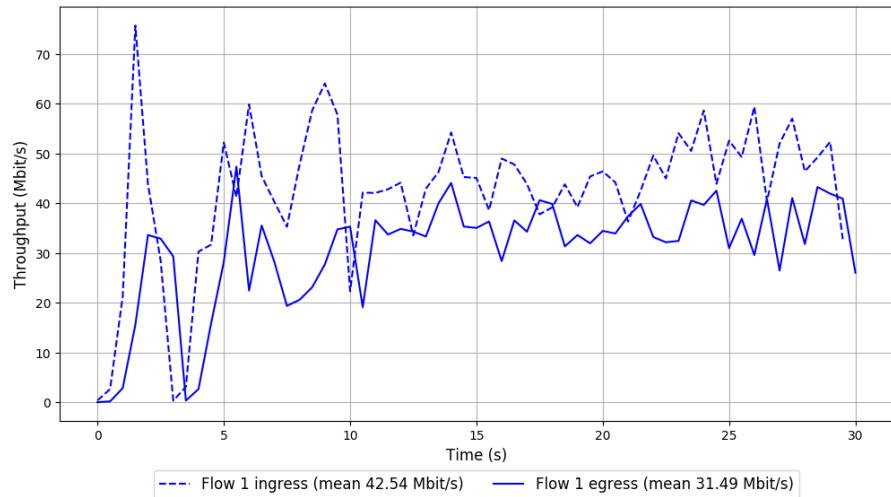


Run 3: Statistics of Verus

```
Start at: 2018-07-10 13:10:08
End at: 2018-07-10 13:10:38
Local clock offset: -0.811 ms
Remote clock offset: 17.945 ms

# Below is generated by plot.py at 2018-07-10 16:08:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 95.657 ms
Loss rate: 26.59%
-- Flow 1:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 95.657 ms
Loss rate: 26.59%
```

Run 3: Report of Verus — Data Link

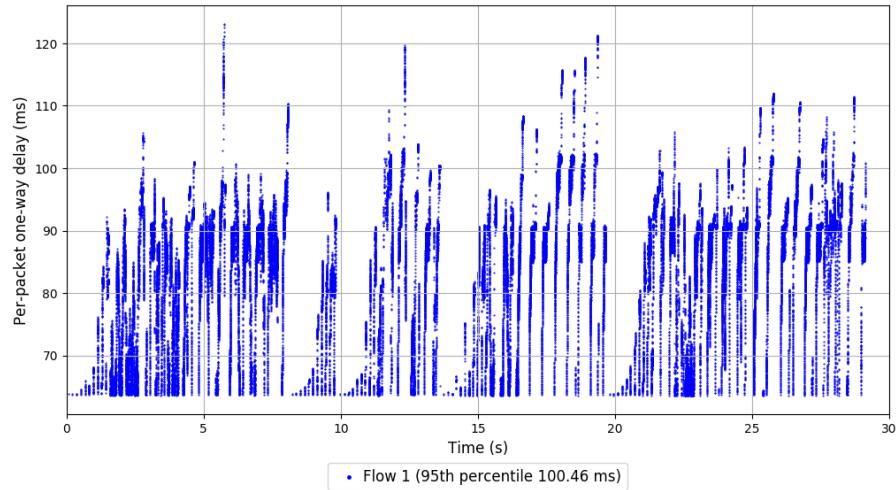
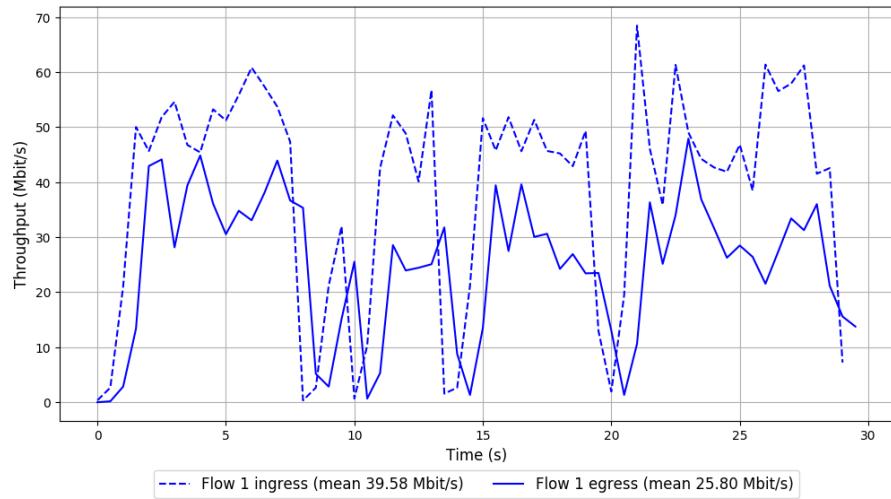


Run 4: Statistics of Verus

```
Start at: 2018-07-10 13:32:21
End at: 2018-07-10 13:32:51
Local clock offset: -0.539 ms
Remote clock offset: -0.12 ms

# Below is generated by plot.py at 2018-07-10 16:08:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.80 Mbit/s
95th percentile per-packet one-way delay: 100.459 ms
Loss rate: 34.72%
-- Flow 1:
Average throughput: 25.80 Mbit/s
95th percentile per-packet one-way delay: 100.459 ms
Loss rate: 34.72%
```

Run 4: Report of Verus — Data Link

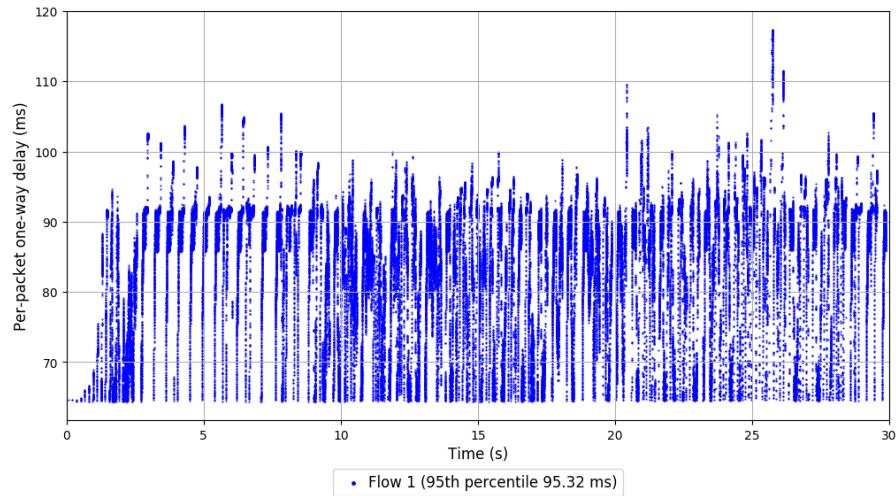
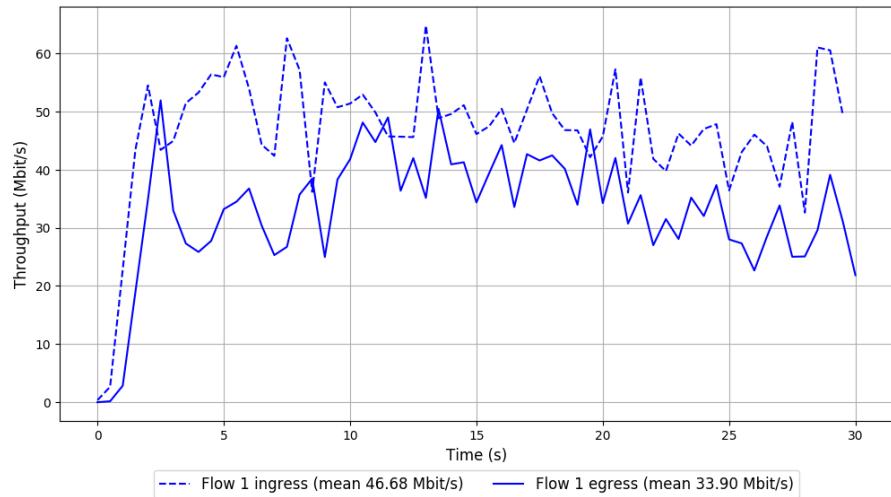


Run 5: Statistics of Verus

```
Start at: 2018-07-10 13:54:32
End at: 2018-07-10 13:55:02
Local clock offset: -0.227 ms
Remote clock offset: 9.39 ms

# Below is generated by plot.py at 2018-07-10 16:08:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.90 Mbit/s
95th percentile per-packet one-way delay: 95.318 ms
Loss rate: 27.75%
-- Flow 1:
Average throughput: 33.90 Mbit/s
95th percentile per-packet one-way delay: 95.318 ms
Loss rate: 27.75%
```

Run 5: Report of Verus — Data Link

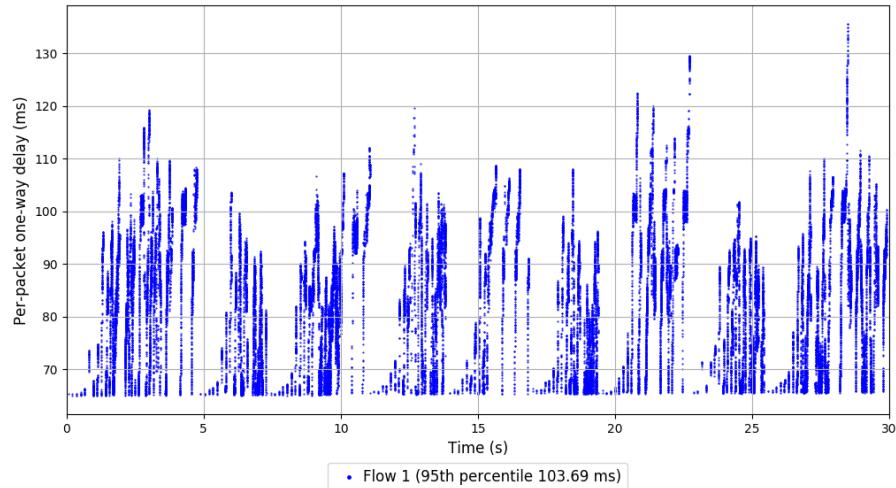
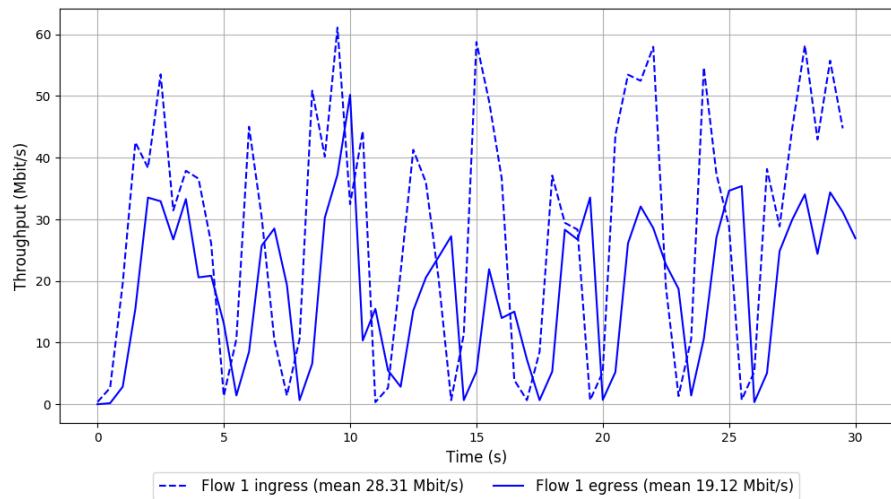


Run 6: Statistics of Verus

```
Start at: 2018-07-10 14:16:46
End at: 2018-07-10 14:17:16
Local clock offset: -0.171 ms
Remote clock offset: 24.399 ms

# Below is generated by plot.py at 2018-07-10 16:08:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.12 Mbit/s
95th percentile per-packet one-way delay: 103.687 ms
Loss rate: 32.79%
-- Flow 1:
Average throughput: 19.12 Mbit/s
95th percentile per-packet one-way delay: 103.687 ms
Loss rate: 32.79%
```

Run 6: Report of Verus — Data Link

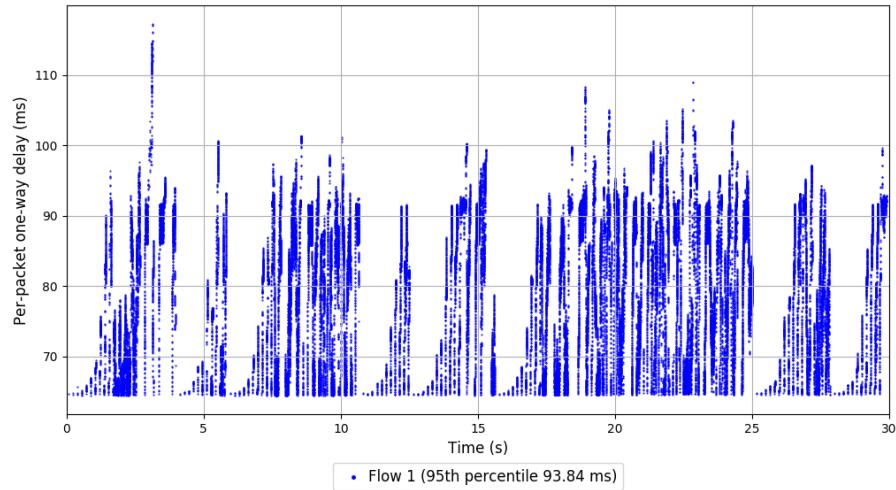
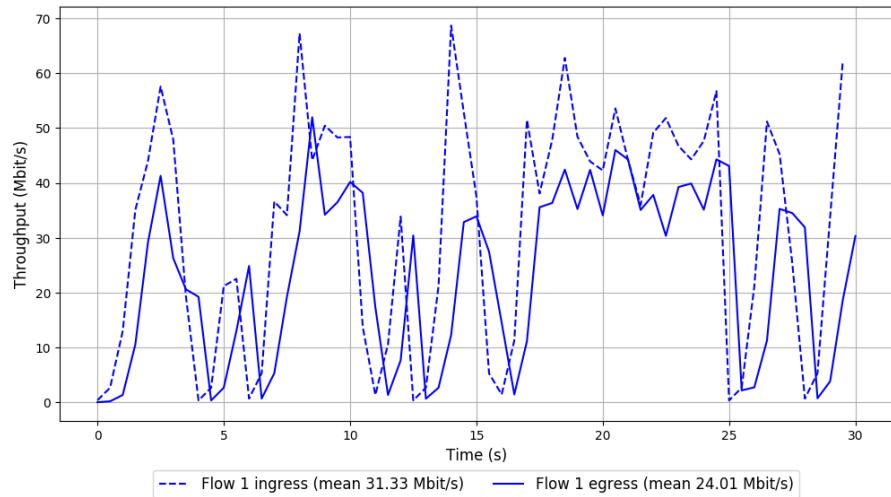


Run 7: Statistics of Verus

```
Start at: 2018-07-10 14:38:59
End at: 2018-07-10 14:39:29
Local clock offset: 0.019 ms
Remote clock offset: 40.478 ms

# Below is generated by plot.py at 2018-07-10 16:08:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.01 Mbit/s
95th percentile per-packet one-way delay: 93.845 ms
Loss rate: 23.61%
-- Flow 1:
Average throughput: 24.01 Mbit/s
95th percentile per-packet one-way delay: 93.845 ms
Loss rate: 23.61%
```

Run 7: Report of Verus — Data Link

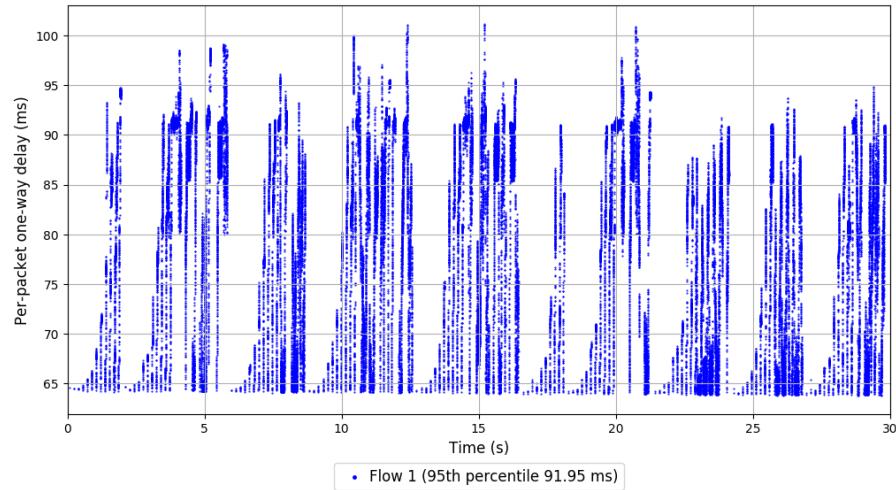
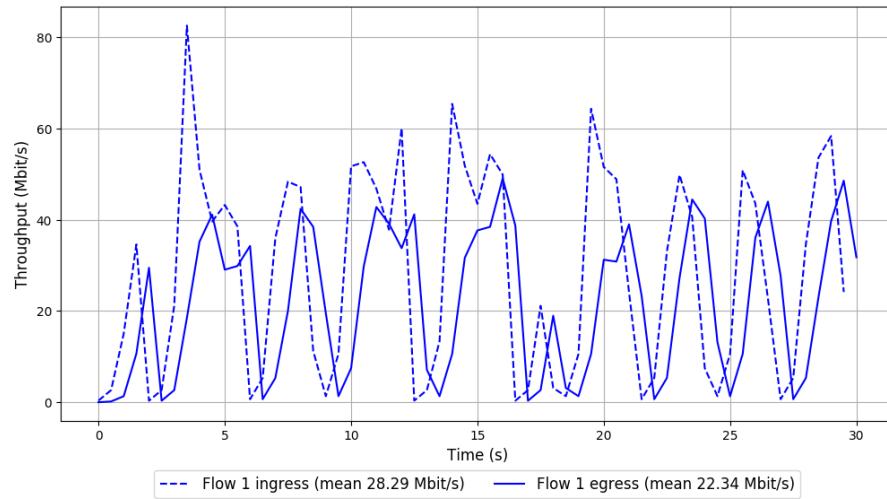


Run 8: Statistics of Verus

```
Start at: 2018-07-10 15:01:13
End at: 2018-07-10 15:01:43
Local clock offset: 0.232 ms
Remote clock offset: 7.175 ms

# Below is generated by plot.py at 2018-07-10 16:08:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.34 Mbit/s
95th percentile per-packet one-way delay: 91.946 ms
Loss rate: 21.46%
-- Flow 1:
Average throughput: 22.34 Mbit/s
95th percentile per-packet one-way delay: 91.946 ms
Loss rate: 21.46%
```

Run 8: Report of Verus — Data Link

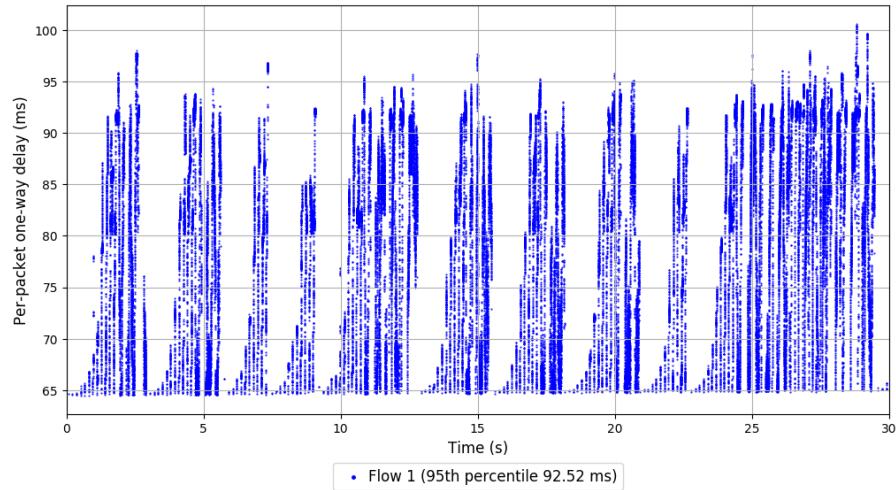
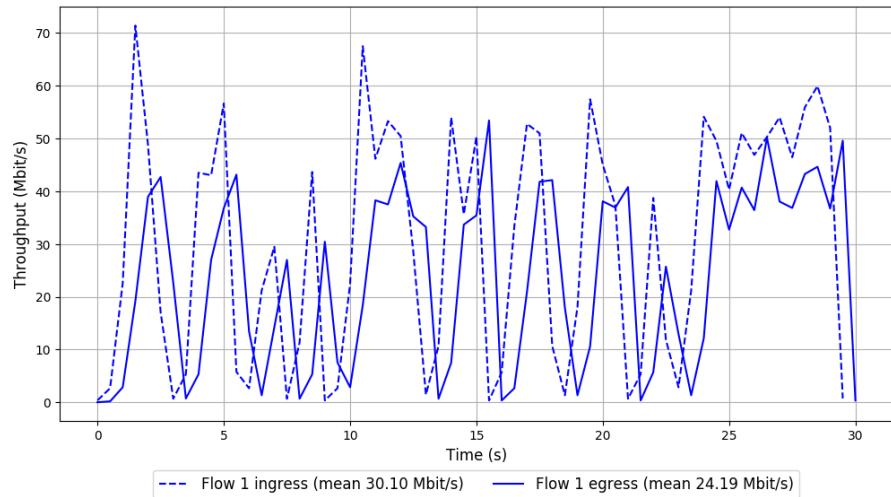


Run 9: Statistics of Verus

```
Start at: 2018-07-10 15:23:30
End at: 2018-07-10 15:24:00
Local clock offset: 0.111 ms
Remote clock offset: 3.553 ms

# Below is generated by plot.py at 2018-07-10 16:08:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 92.520 ms
Loss rate: 20.02%
-- Flow 1:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 92.520 ms
Loss rate: 20.02%
```

Run 9: Report of Verus — Data Link

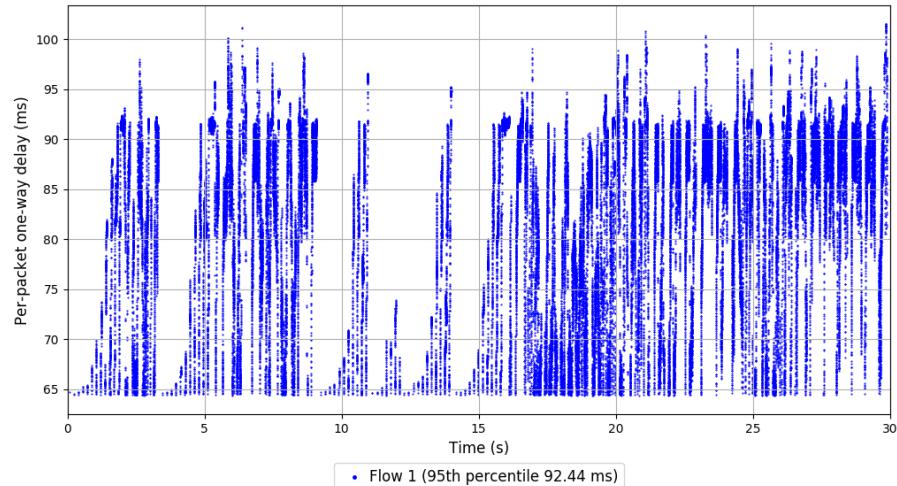
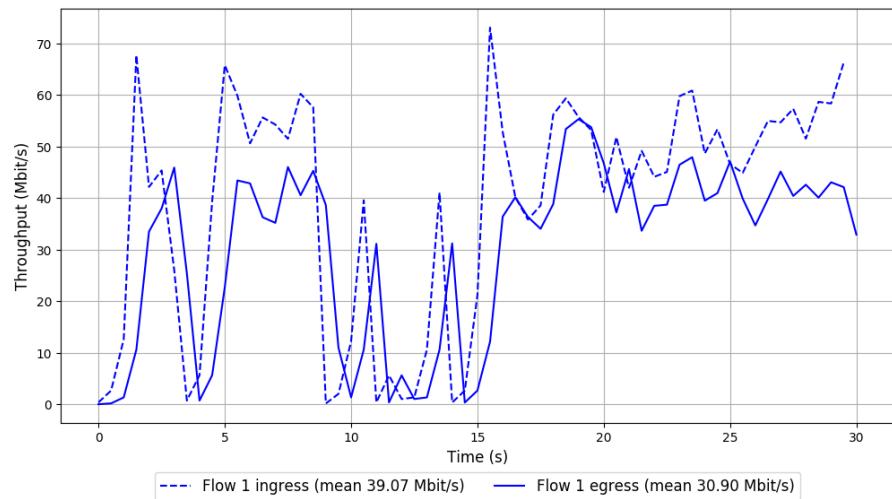


Run 10: Statistics of Verus

```
Start at: 2018-07-10 15:45:48
End at: 2018-07-10 15:46:18
Local clock offset: 0.184 ms
Remote clock offset: 8.901 ms

# Below is generated by plot.py at 2018-07-10 16:08:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.90 Mbit/s
95th percentile per-packet one-way delay: 92.444 ms
Loss rate: 21.26%
-- Flow 1:
Average throughput: 30.90 Mbit/s
95th percentile per-packet one-way delay: 92.444 ms
Loss rate: 21.26%
```

Run 10: Report of Verus — Data Link

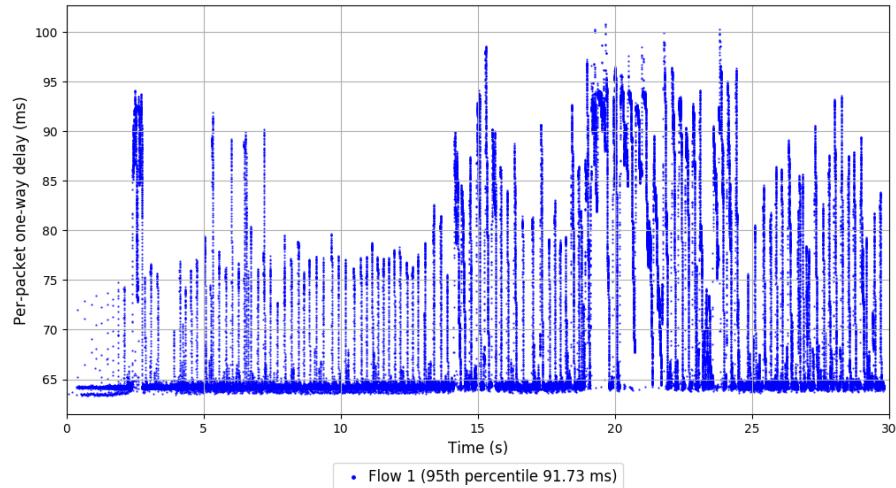
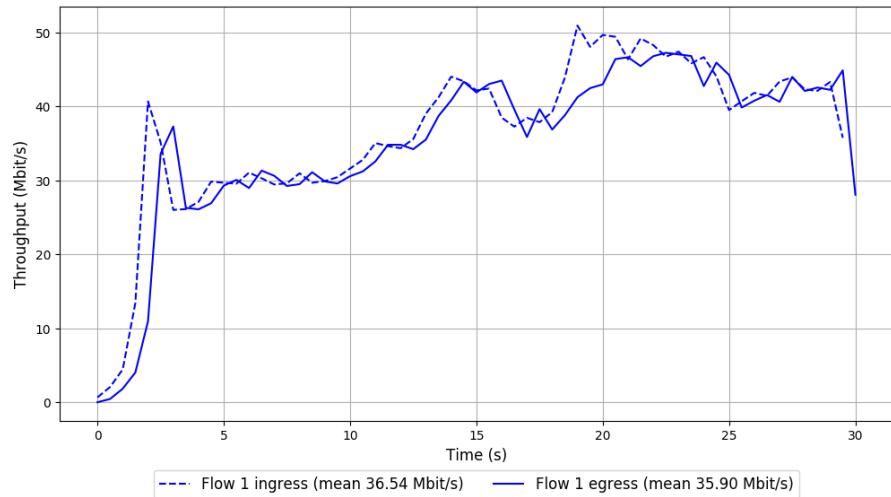


Run 1: Statistics of PCC-Vivace

```
Start at: 2018-07-10 12:17:52
End at: 2018-07-10 12:18:22
Local clock offset: -0.964 ms
Remote clock offset: -2.774 ms

# Below is generated by plot.py at 2018-07-10 16:08:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.90 Mbit/s
95th percentile per-packet one-way delay: 91.730 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 35.90 Mbit/s
95th percentile per-packet one-way delay: 91.730 ms
Loss rate: 2.24%
```

Run 1: Report of PCC-Vivace — Data Link

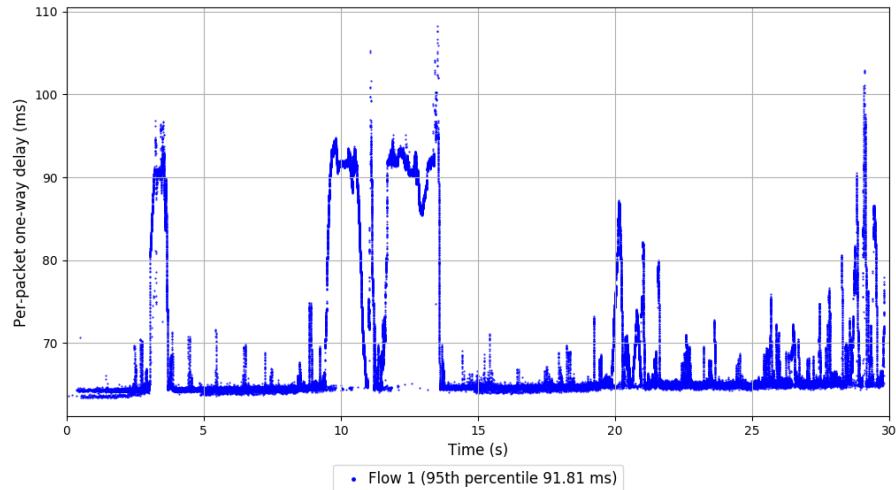
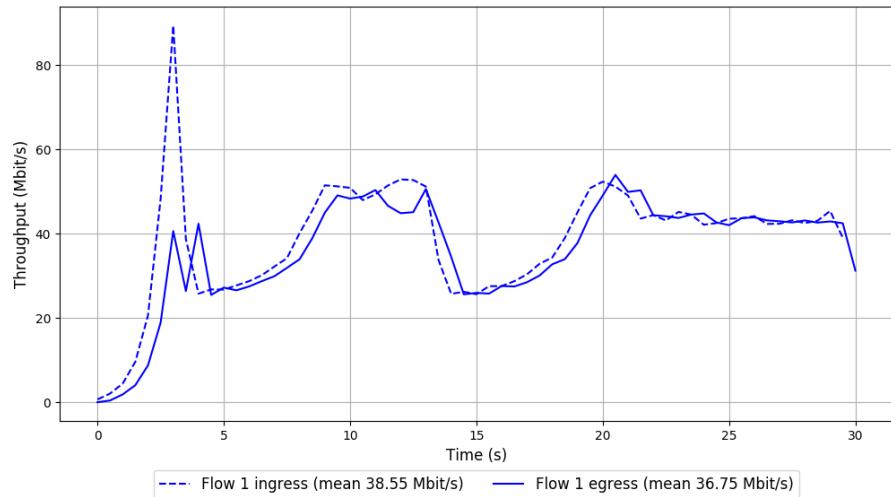


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-07-10 12:40:06
End at: 2018-07-10 12:40:36
Local clock offset: -1.101 ms
Remote clock offset: 27.826 ms

# Below is generated by plot.py at 2018-07-10 16:08:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.75 Mbit/s
95th percentile per-packet one-way delay: 91.811 ms
Loss rate: 5.13%
-- Flow 1:
Average throughput: 36.75 Mbit/s
95th percentile per-packet one-way delay: 91.811 ms
Loss rate: 5.13%
```

Run 2: Report of PCC-Vivace — Data Link

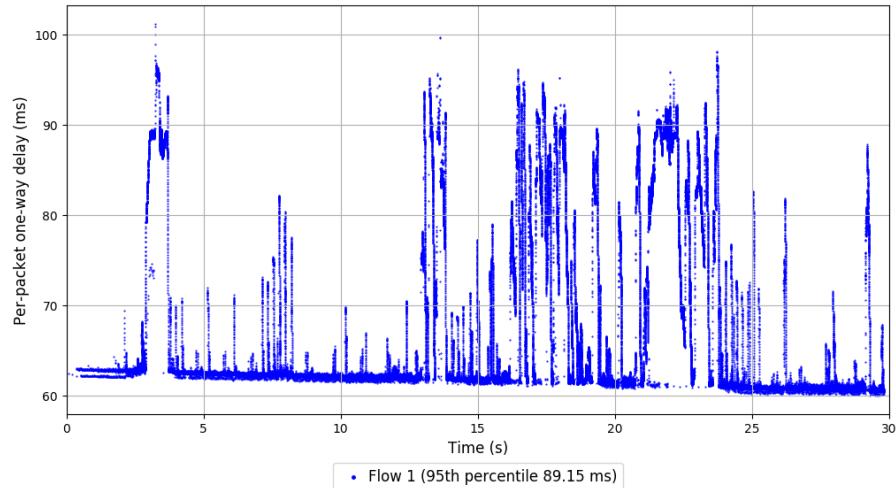
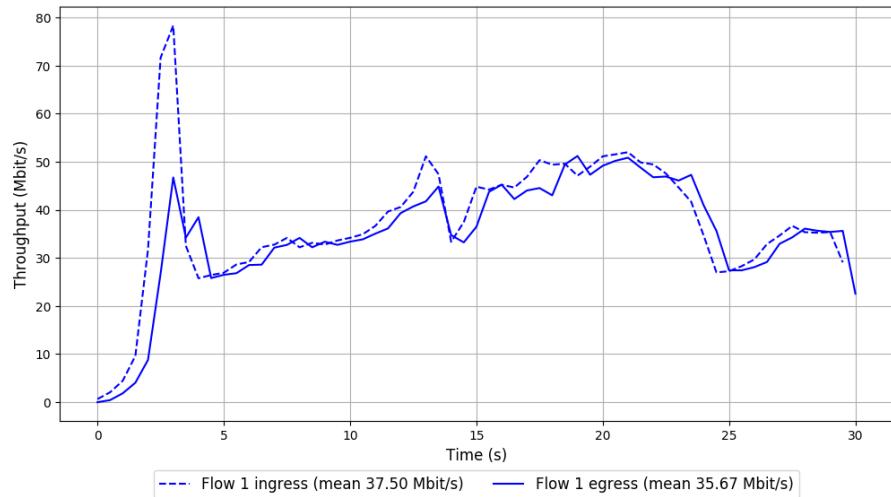


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-07-10 13:02:22
End at: 2018-07-10 13:02:52
Local clock offset: -0.918 ms
Remote clock offset: 44.459 ms

# Below is generated by plot.py at 2018-07-10 16:08:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.67 Mbit/s
95th percentile per-packet one-way delay: 89.150 ms
Loss rate: 5.38%
-- Flow 1:
Average throughput: 35.67 Mbit/s
95th percentile per-packet one-way delay: 89.150 ms
Loss rate: 5.38%
```

Run 3: Report of PCC-Vivace — Data Link

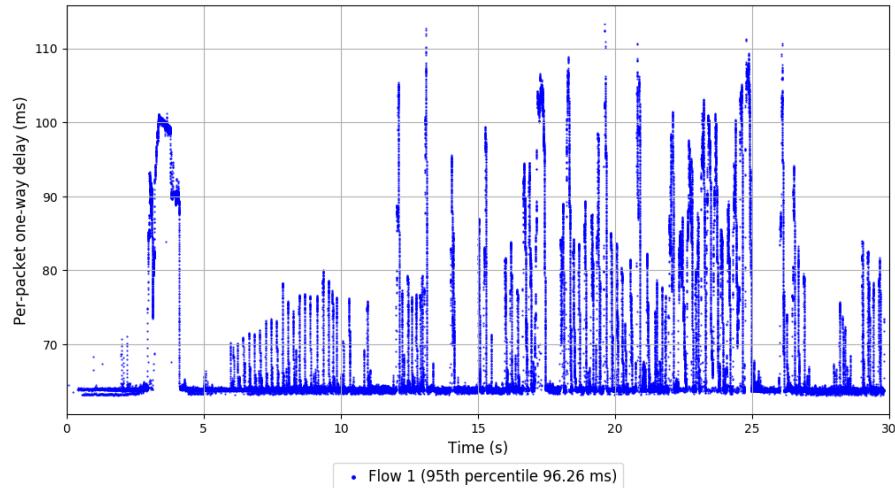
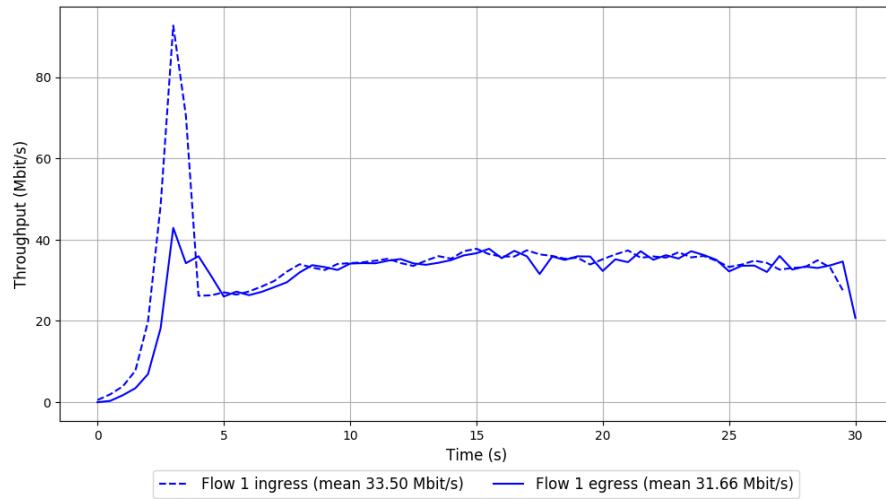


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-07-10 13:24:35
End at: 2018-07-10 13:25:05
Local clock offset: -0.749 ms
Remote clock offset: 2.419 ms

# Below is generated by plot.py at 2018-07-10 16:08:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 96.264 ms
Loss rate: 5.98%
-- Flow 1:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 96.264 ms
Loss rate: 5.98%
```

Run 4: Report of PCC-Vivace — Data Link

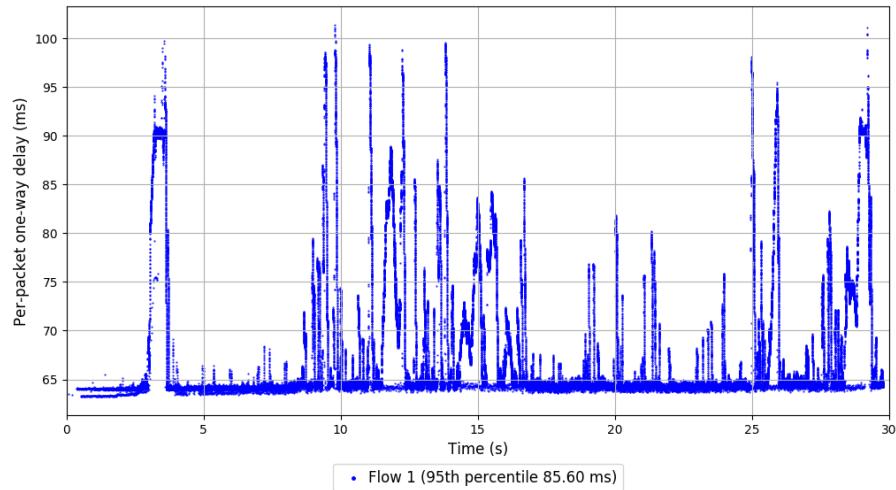
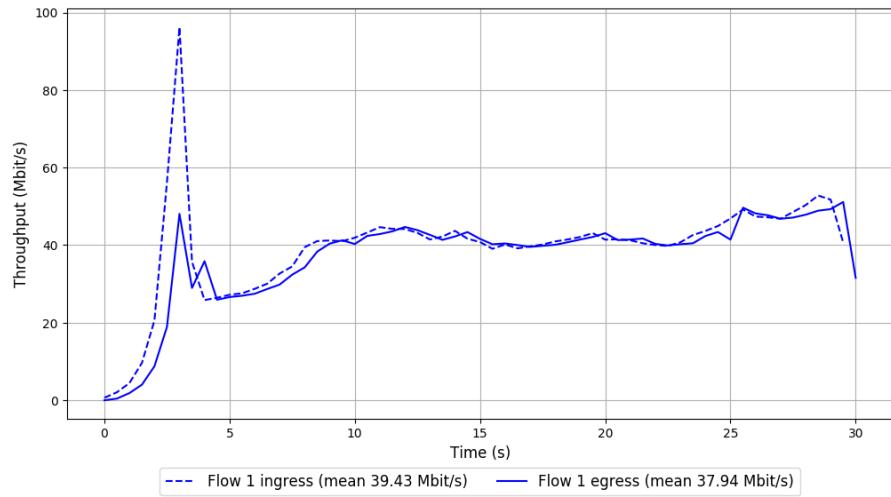


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-07-10 13:46:46
End at: 2018-07-10 13:47:16
Local clock offset: -0.446 ms
Remote clock offset: 6.991 ms

# Below is generated by plot.py at 2018-07-10 16:08:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.94 Mbit/s
95th percentile per-packet one-way delay: 85.603 ms
Loss rate: 4.24%
-- Flow 1:
Average throughput: 37.94 Mbit/s
95th percentile per-packet one-way delay: 85.603 ms
Loss rate: 4.24%
```

Run 5: Report of PCC-Vivace — Data Link

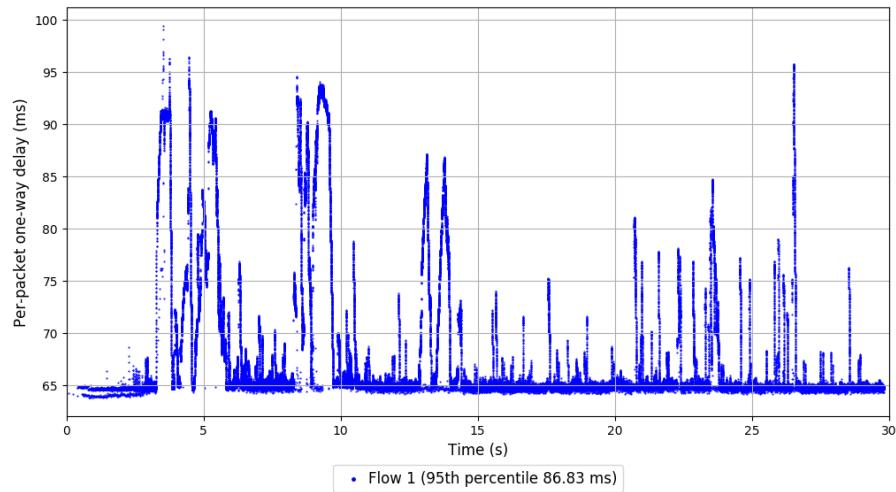
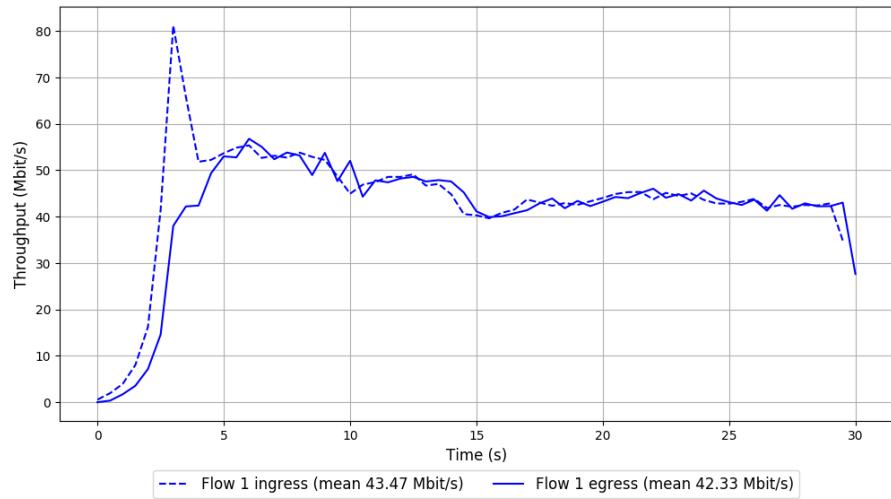


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-07-10 14:08:59
End at: 2018-07-10 14:09:29
Local clock offset: -0.148 ms
Remote clock offset: 11.999 ms

# Below is generated by plot.py at 2018-07-10 16:08:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.33 Mbit/s
95th percentile per-packet one-way delay: 86.831 ms
Loss rate: 3.12%
-- Flow 1:
Average throughput: 42.33 Mbit/s
95th percentile per-packet one-way delay: 86.831 ms
Loss rate: 3.12%
```

Run 6: Report of PCC-Vivace — Data Link

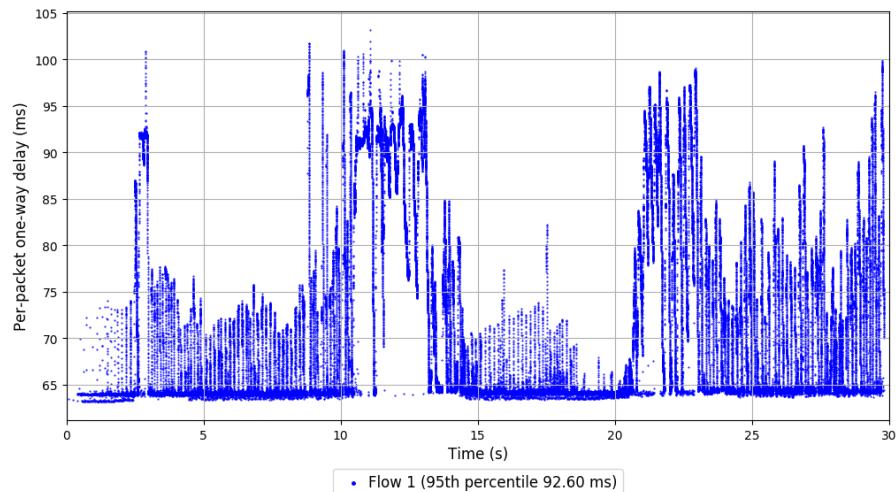
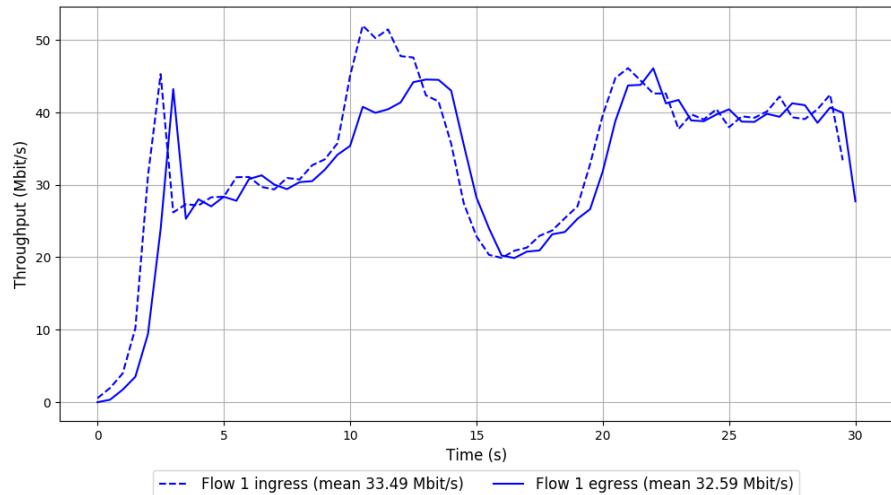


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-07-10 14:31:10
End at: 2018-07-10 14:31:40
Local clock offset: -0.101 ms
Remote clock offset: 36.771 ms

# Below is generated by plot.py at 2018-07-10 16:08:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 92.597 ms
Loss rate: 3.19%
-- Flow 1:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 92.597 ms
Loss rate: 3.19%
```

Run 7: Report of PCC-Vivace — Data Link

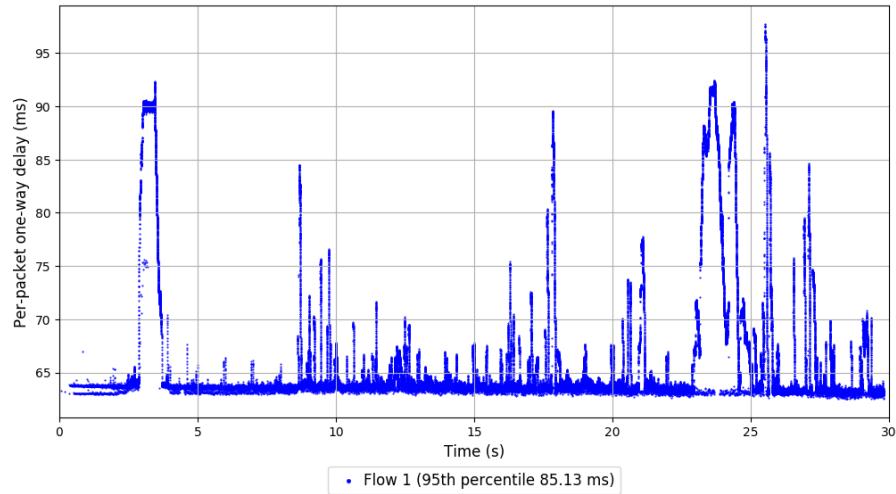
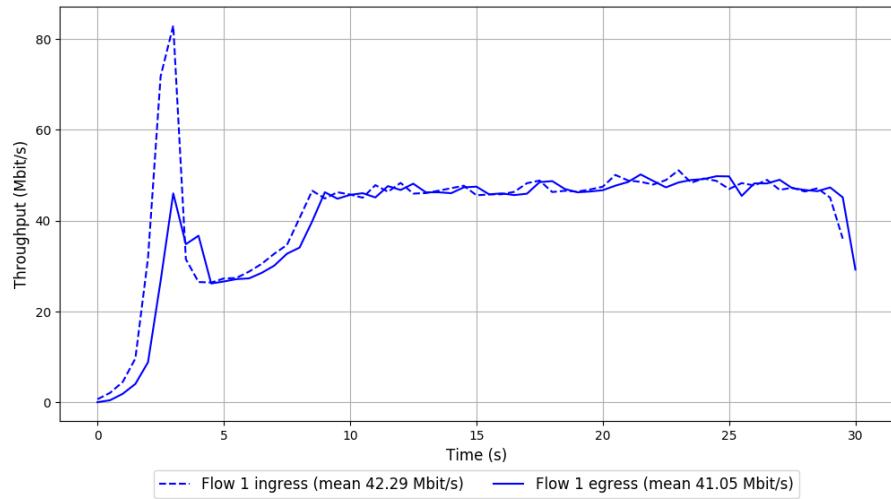


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-07-10 14:53:25
End at: 2018-07-10 14:53:55
Local clock offset: 0.28 ms
Remote clock offset: 17.006 ms

# Below is generated by plot.py at 2018-07-10 16:08:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.05 Mbit/s
95th percentile per-packet one-way delay: 85.127 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 41.05 Mbit/s
95th percentile per-packet one-way delay: 85.127 ms
Loss rate: 3.43%
```

Run 8: Report of PCC-Vivace — Data Link

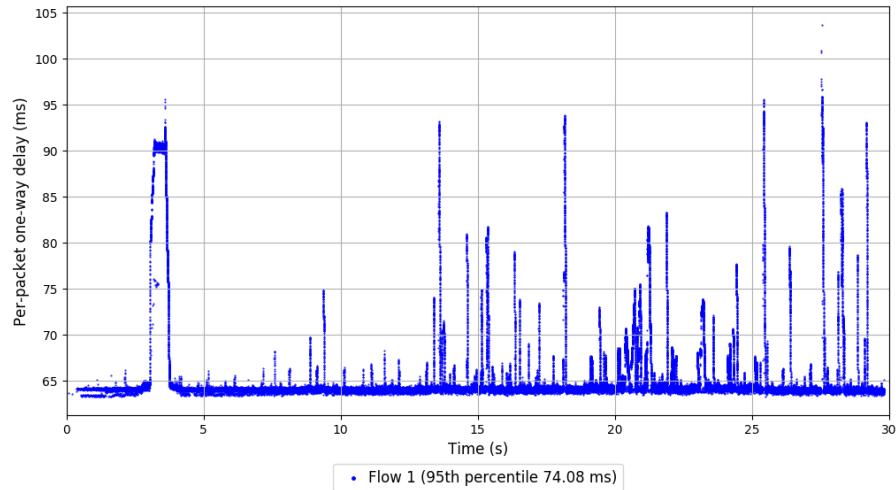
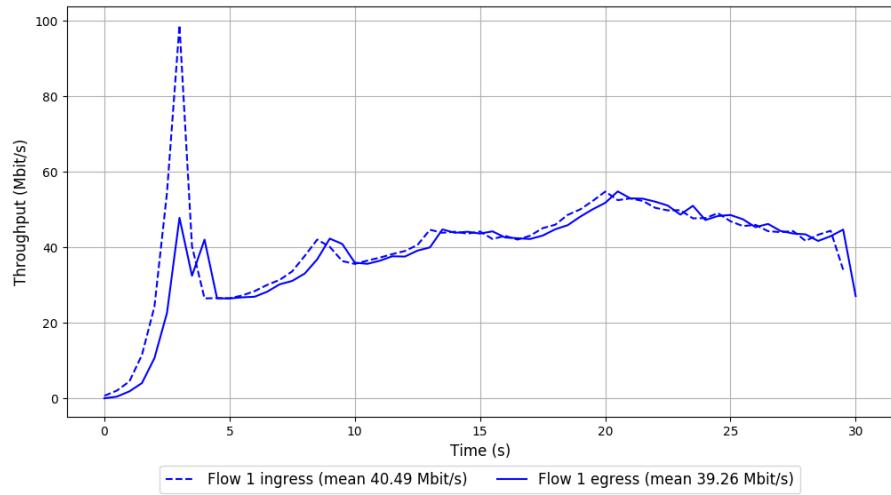


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-07-10 15:15:42
End at: 2018-07-10 15:16:12
Local clock offset: 0.202 ms
Remote clock offset: -1.646 ms

# Below is generated by plot.py at 2018-07-10 16:09:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 74.082 ms
Loss rate: 3.51%
-- Flow 1:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 74.082 ms
Loss rate: 3.51%
```

Run 9: Report of PCC-Vivace — Data Link

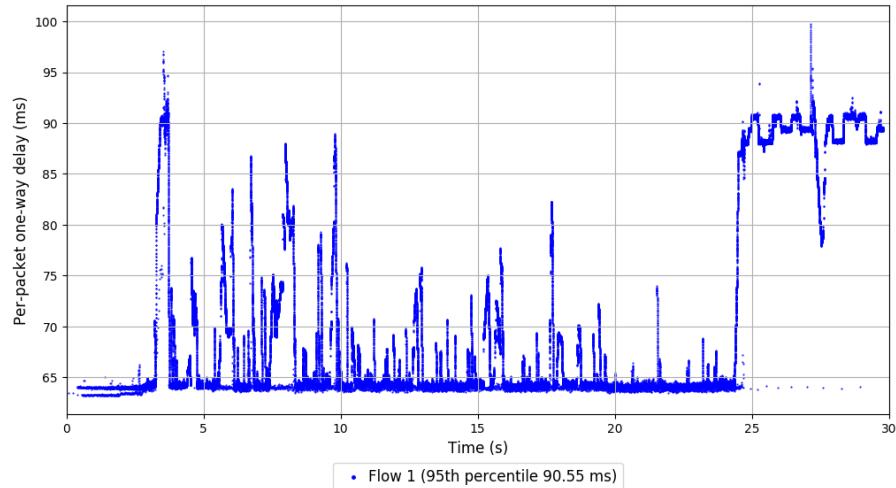
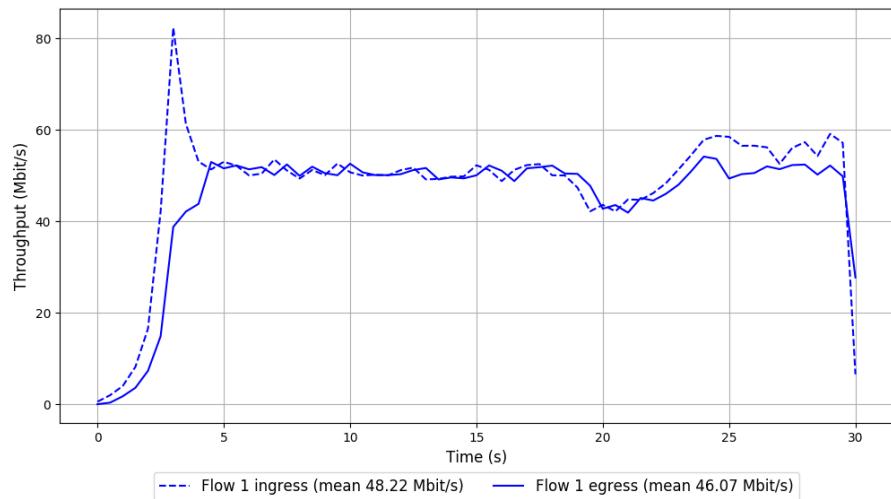


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-07-10 15:37:59
End at: 2018-07-10 15:38:29
Local clock offset: 0.16 ms
Remote clock offset: 8.986 ms

# Below is generated by plot.py at 2018-07-10 16:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.07 Mbit/s
95th percentile per-packet one-way delay: 90.547 ms
Loss rate: 5.52%
-- Flow 1:
Average throughput: 46.07 Mbit/s
95th percentile per-packet one-way delay: 90.547 ms
Loss rate: 5.52%
```

Run 10: Report of PCC-Vivace — Data Link

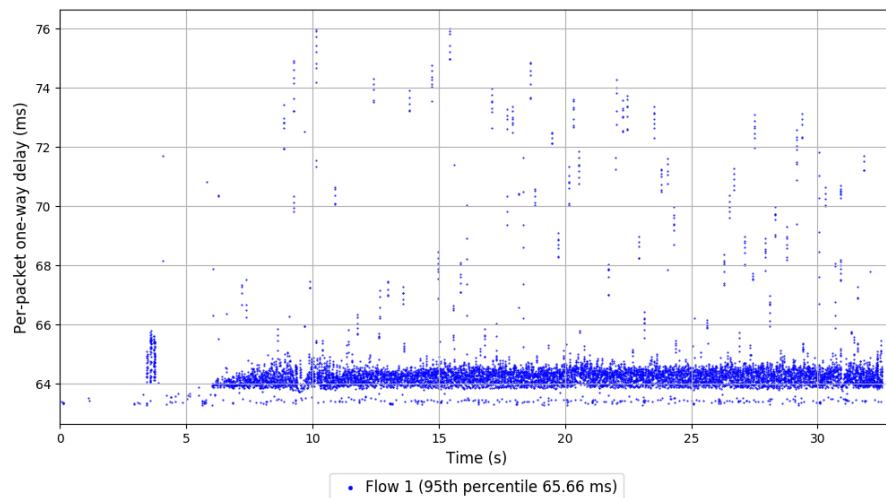
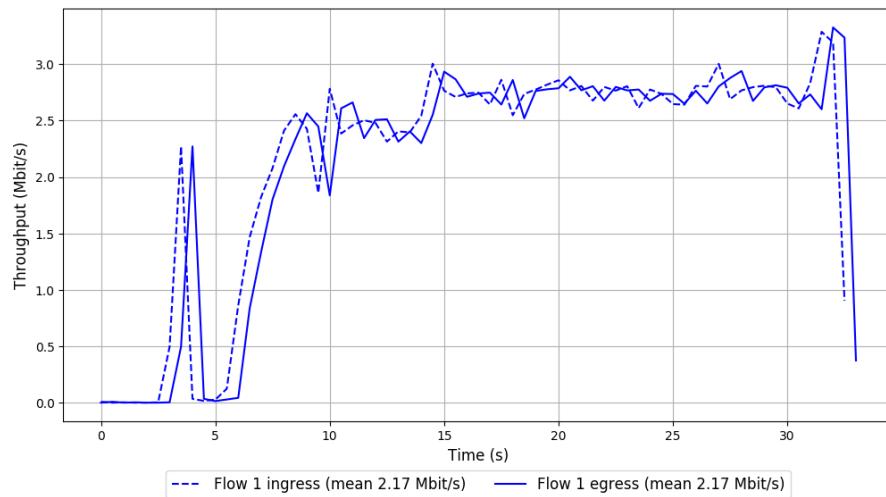


Run 1: Statistics of WebRTC media

```
Start at: 2018-07-10 12:21:48
End at: 2018-07-10 12:22:18
Local clock offset: -1.0 ms
Remote clock offset: -2.845 ms

# Below is generated by plot.py at 2018-07-10 16:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 65.656 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 65.656 ms
Loss rate: 0.64%
```

Run 1: Report of WebRTC media — Data Link

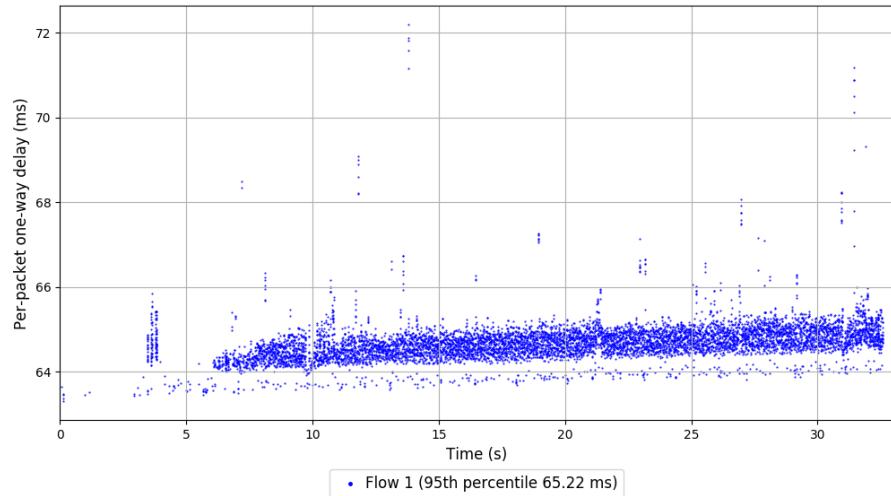
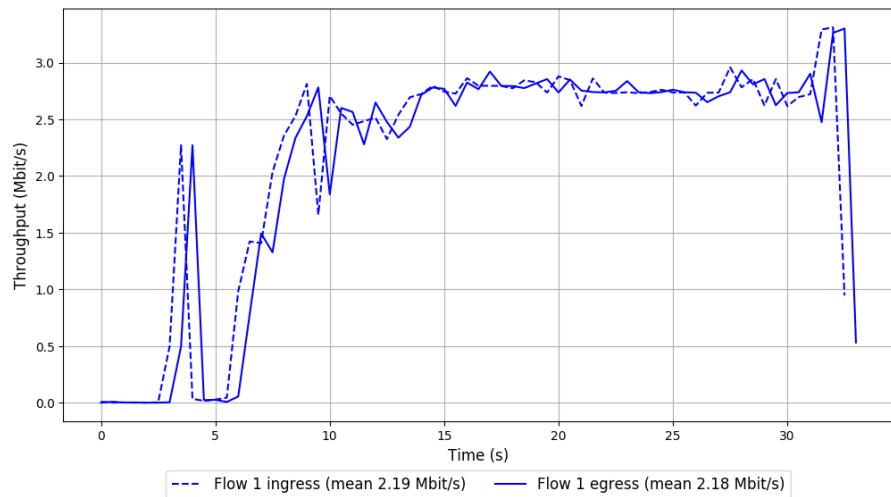


Run 2: Statistics of WebRTC media

```
Start at: 2018-07-10 12:44:01
End at: 2018-07-10 12:44:31
Local clock offset: -1.024 ms
Remote clock offset: 32.876 ms

# Below is generated by plot.py at 2018-07-10 16:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 65.223 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 65.223 ms
Loss rate: 0.59%
```

Run 2: Report of WebRTC media — Data Link

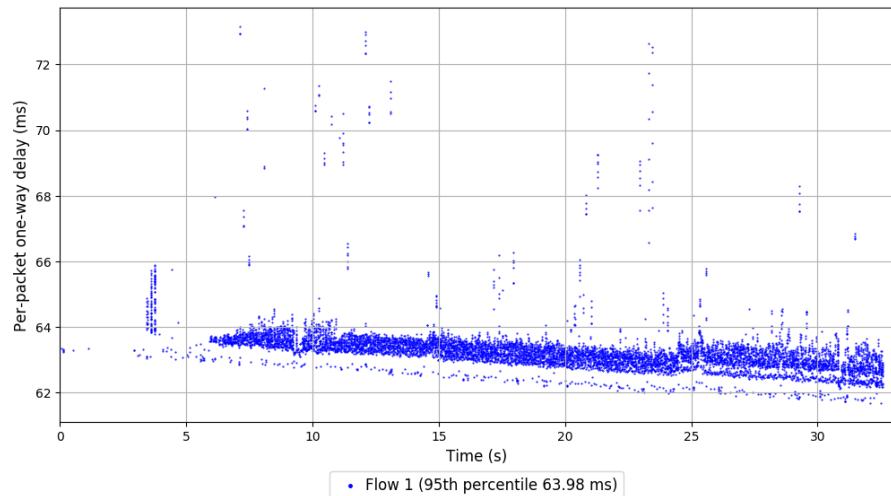
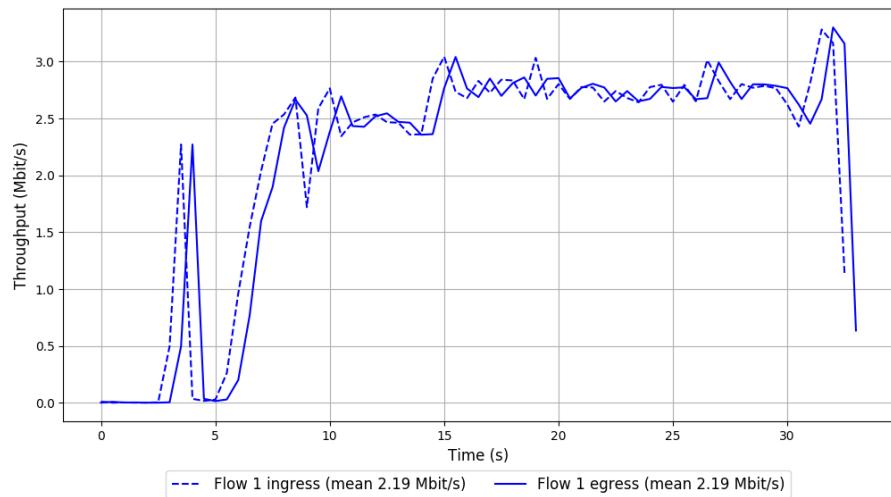


Run 3: Statistics of WebRTC media

```
Start at: 2018-07-10 13:06:17
End at: 2018-07-10 13:06:47
Local clock offset: -0.957 ms
Remote clock offset: 27.827 ms

# Below is generated by plot.py at 2018-07-10 16:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 63.980 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 63.980 ms
Loss rate: 0.65%
```

Run 3: Report of WebRTC media — Data Link

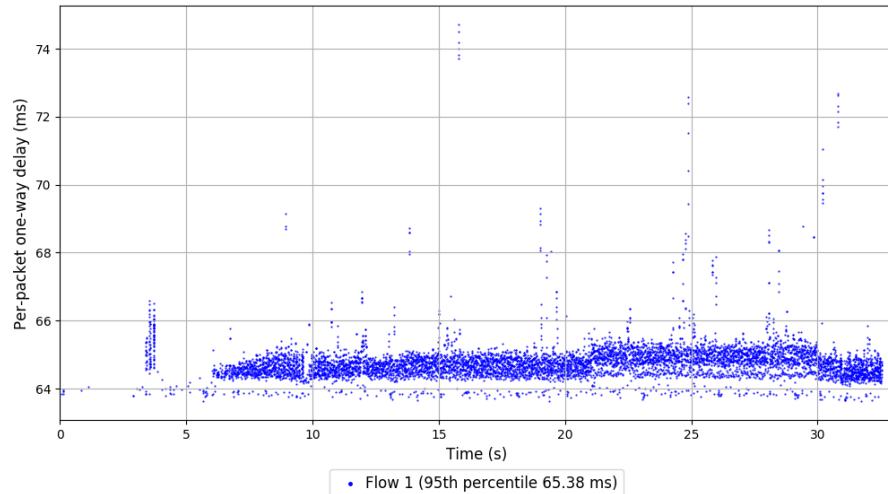
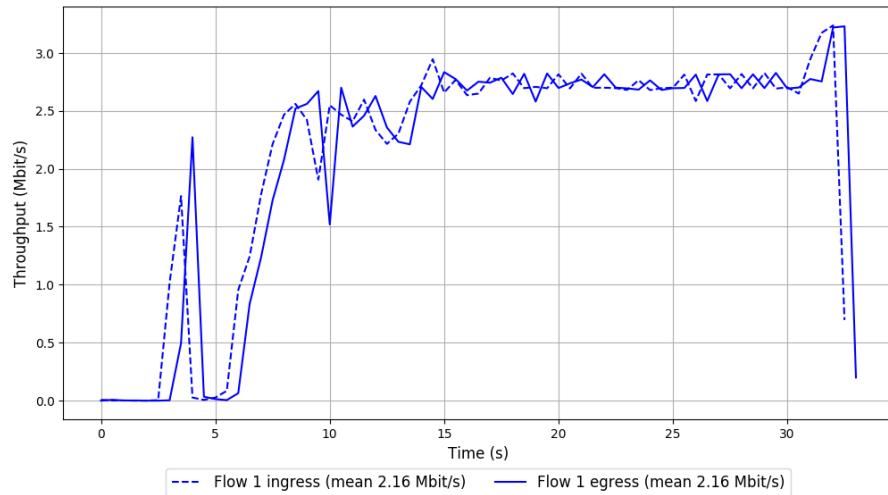


Run 4: Statistics of WebRTC media

```
Start at: 2018-07-10 13:28:30
End at: 2018-07-10 13:29:00
Local clock offset: -0.43 ms
Remote clock offset: 0.896 ms

# Below is generated by plot.py at 2018-07-10 16:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 65.378 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 65.378 ms
Loss rate: 0.62%
```

Run 4: Report of WebRTC media — Data Link

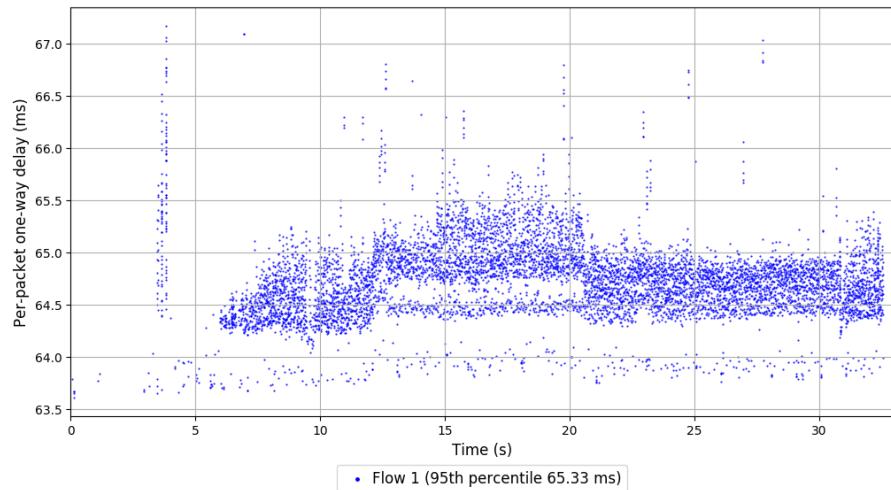
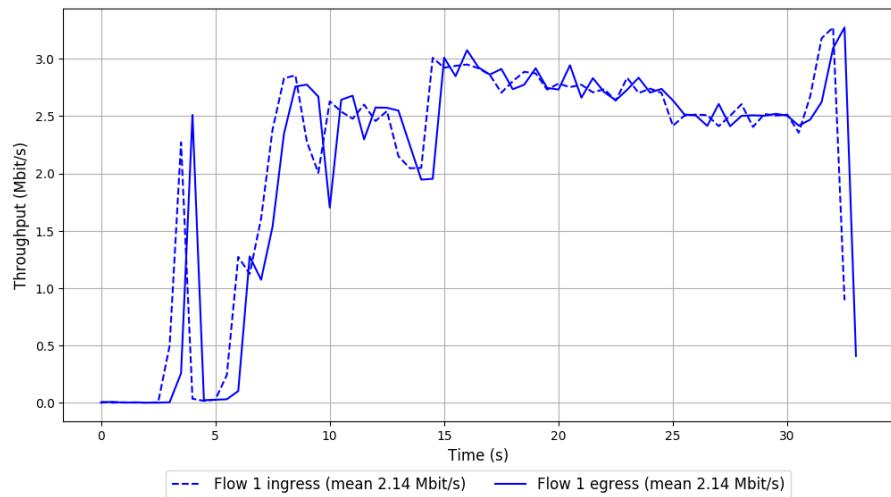


Run 5: Statistics of WebRTC media

```
Start at: 2018-07-10 13:50:41
End at: 2018-07-10 13:51:11
Local clock offset: -0.519 ms
Remote clock offset: 8.313 ms

# Below is generated by plot.py at 2018-07-10 16:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 65.331 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 65.331 ms
Loss rate: 0.64%
```

Run 5: Report of WebRTC media — Data Link

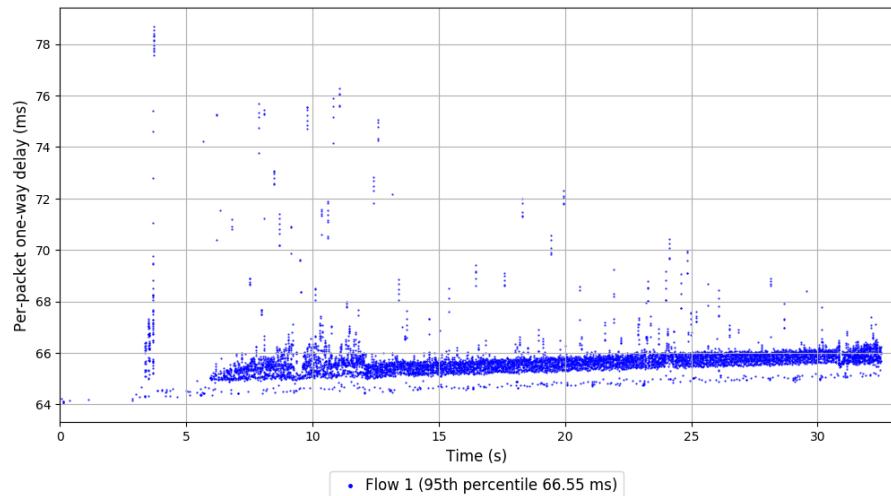
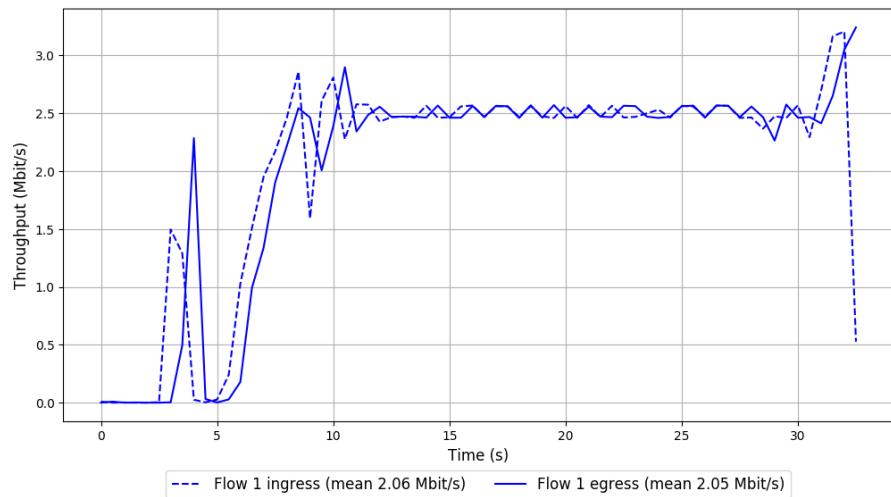


Run 6: Statistics of WebRTC media

```
Start at: 2018-07-10 14:12:55
End at: 2018-07-10 14:13:25
Local clock offset: -0.315 ms
Remote clock offset: 18.133 ms

# Below is generated by plot.py at 2018-07-10 16:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 66.551 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 66.551 ms
Loss rate: 0.69%
```

Run 6: Report of WebRTC media — Data Link

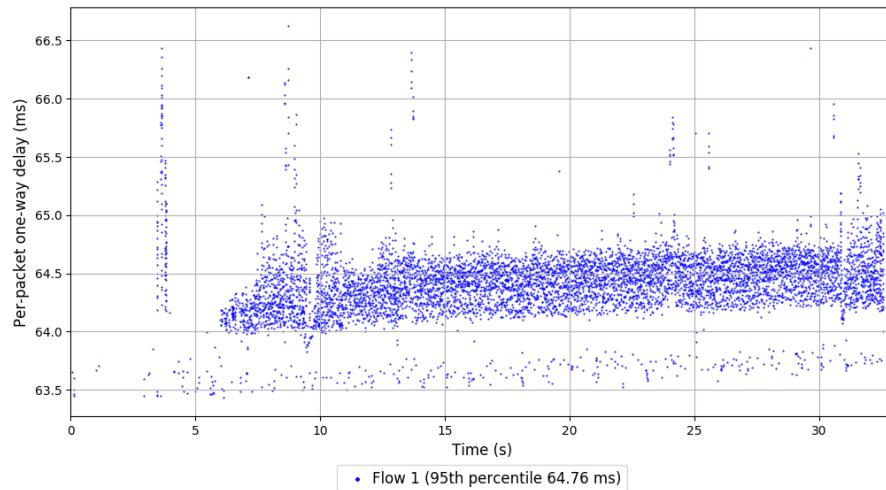
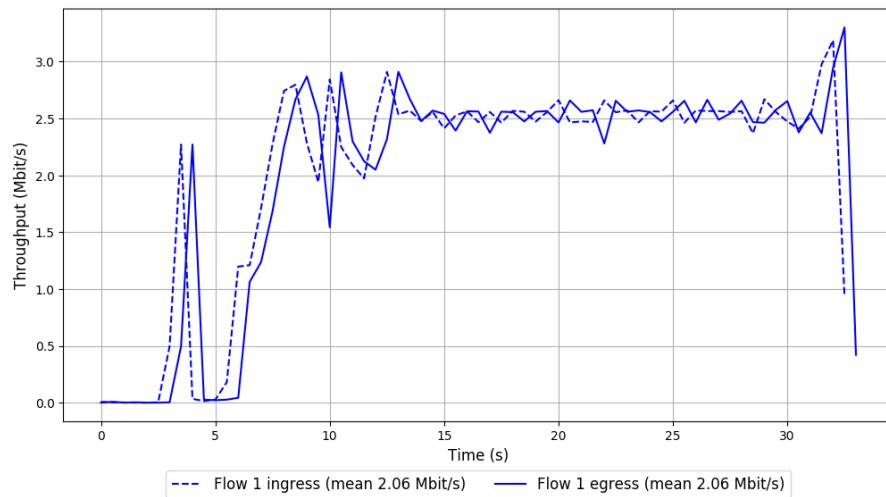


Run 7: Statistics of WebRTC media

```
Start at: 2018-07-10 14:35:05
End at: 2018-07-10 14:35:35
Local clock offset: 0.082 ms
Remote clock offset: 38.703 ms

# Below is generated by plot.py at 2018-07-10 16:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 64.764 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 64.764 ms
Loss rate: 0.61%
```

Run 7: Report of WebRTC media — Data Link

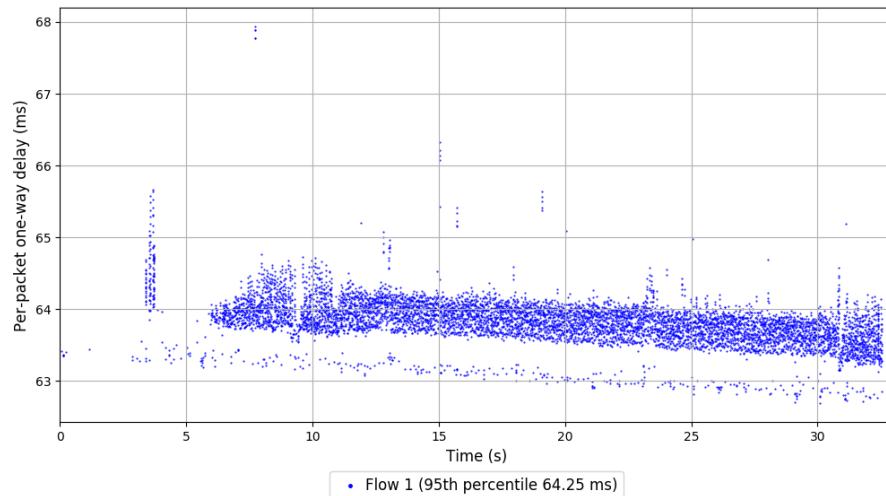
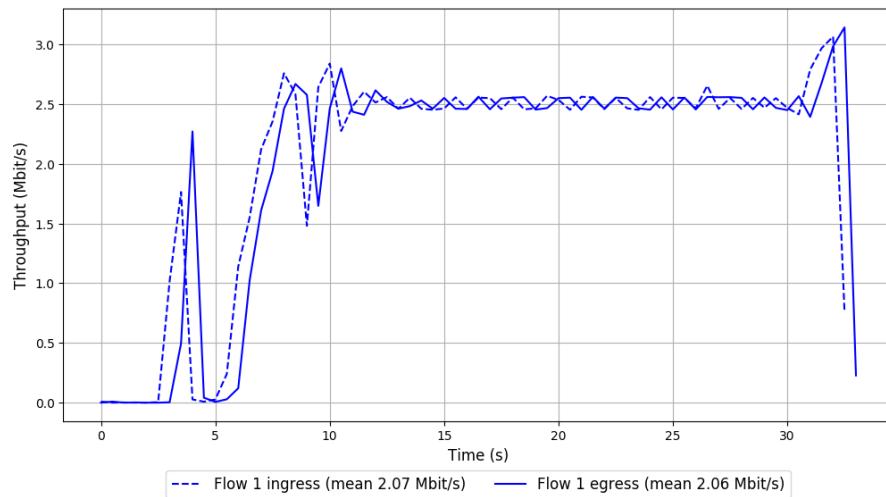


Run 8: Statistics of WebRTC media

```
Start at: 2018-07-10 14:57:21
End at: 2018-07-10 14:57:51
Local clock offset: 0.108 ms
Remote clock offset: 11.173 ms

# Below is generated by plot.py at 2018-07-10 16:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 64.255 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 64.255 ms
Loss rate: 0.64%
```

Run 8: Report of WebRTC media — Data Link

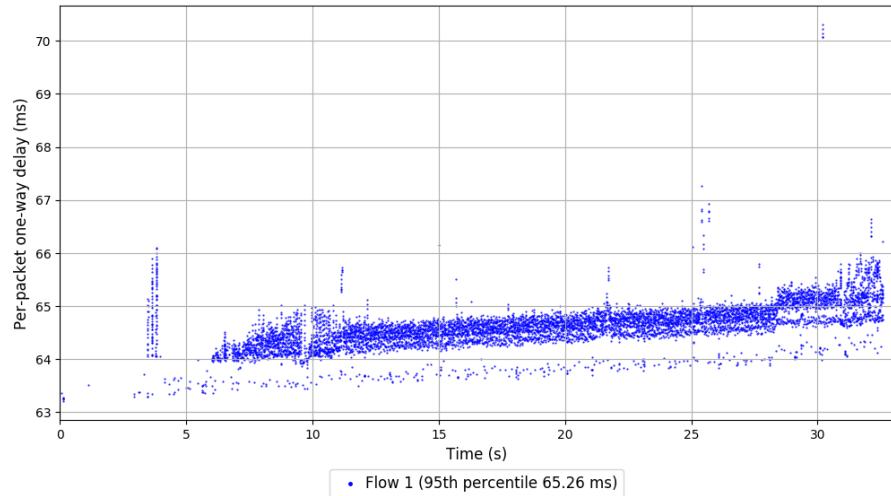
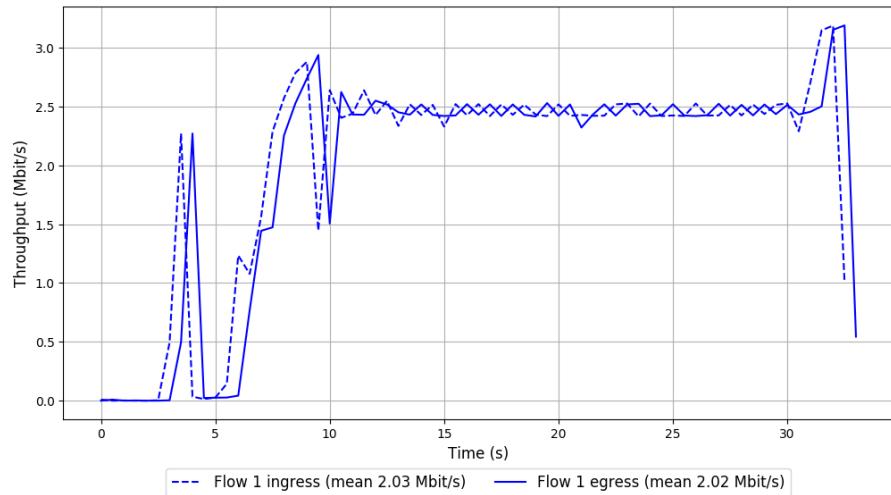


Run 9: Statistics of WebRTC media

```
Start at: 2018-07-10 15:19:38
End at: 2018-07-10 15:20:08
Local clock offset: 0.235 ms
Remote clock offset: -0.936 ms

# Below is generated by plot.py at 2018-07-10 16:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 65.264 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 65.264 ms
Loss rate: 0.66%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: 2018-07-10 15:41:56
End at: 2018-07-10 15:42:26
Local clock offset: 0.089 ms
Remote clock offset: 9.108 ms

# Below is generated by plot.py at 2018-07-10 16:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 64.899 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 64.899 ms
Loss rate: 0.60%
```

Run 10: Report of WebRTC media — Data Link

