

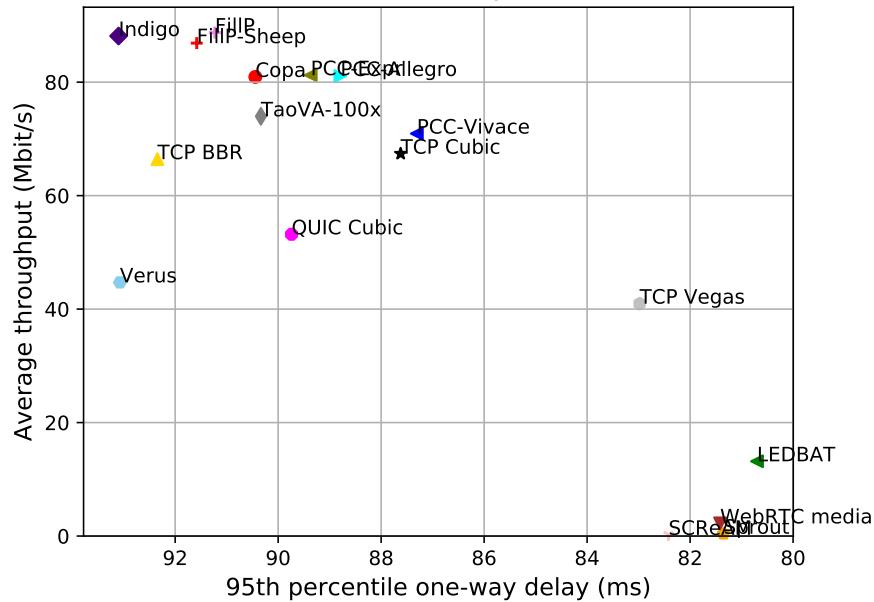
Pantheon Report

Generated at 2018-08-01 19:57:56 (UTC).
Data path: Colombia Ethernet (*remote*) → AWS Brazil 2 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 `gps.ntp.br` and have been applied to correct the timestamps in logs.

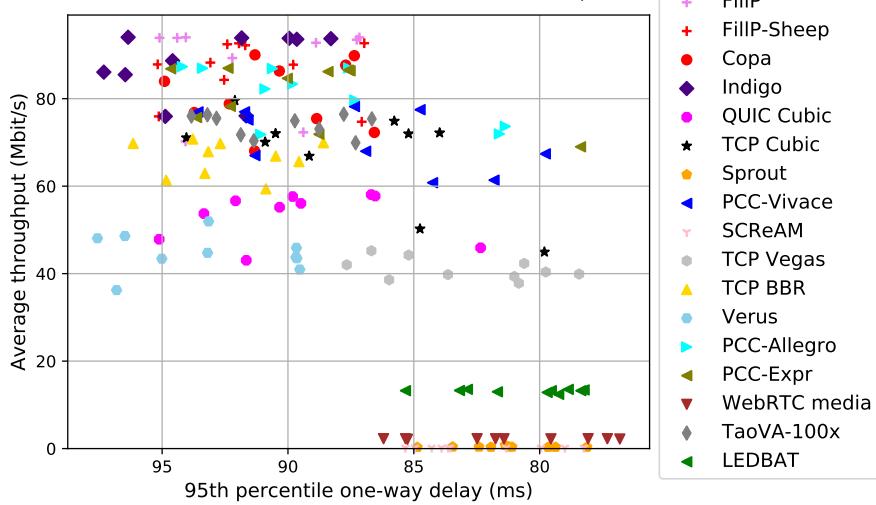
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



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



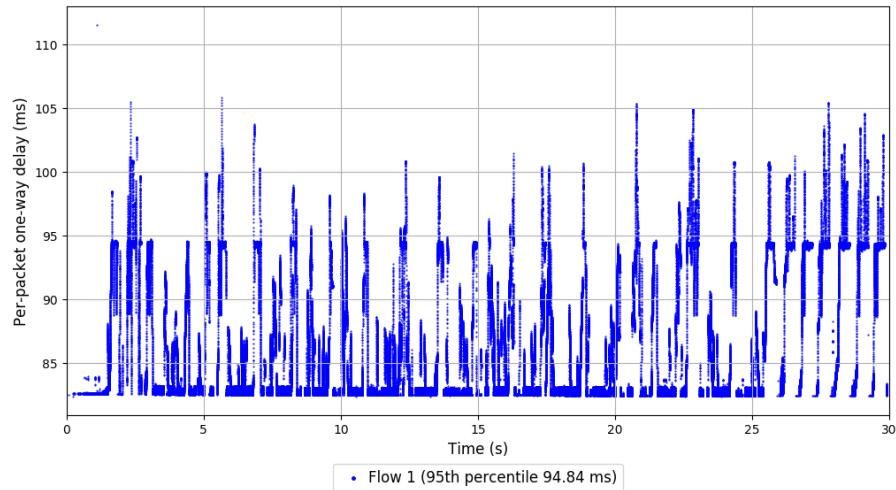
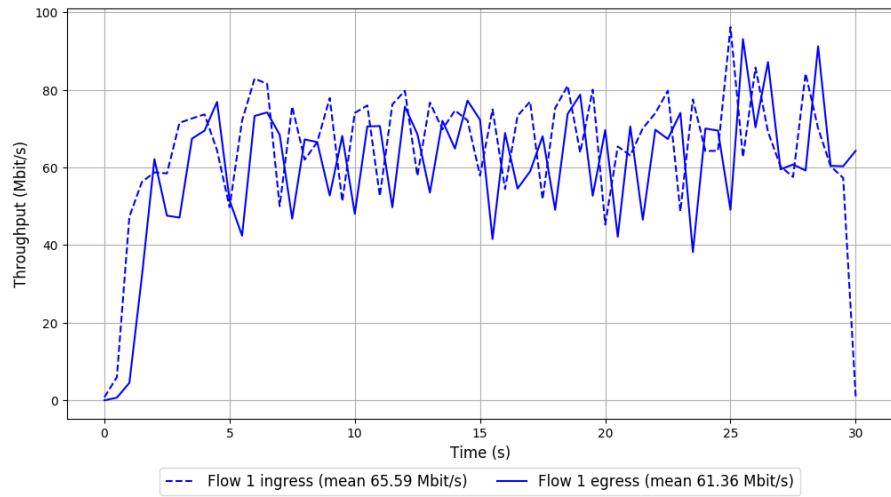
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	66.43	92.34	3.26
Copa	10	80.92	90.44	5.20
TCP Cubic	10	67.39	87.62	0.62
FillP	10	88.74	91.23	3.24
FillP-Sheep	10	86.88	91.58	5.46
Indigo	10	88.13	93.10	3.07
LEDBAT	10	13.17	80.70	1.10
PCC-Allegro	10	81.09	88.79	1.32
PCC-Expr	10	81.23	89.37	1.15
QUIC Cubic	10	53.19	89.74	0.97
SCReAM	10	0.22	82.42	0.56
Sprout	10	0.40	81.35	0.40
TaoVA-100x	10	73.98	90.34	1.87
TCP Vegas	10	40.96	82.98	0.71
Verus	10	44.71	93.07	1.41
PCC-Vivace	10	70.93	87.31	1.15
WebRTC media	10	2.23	81.42	0.31

Run 1: Statistics of TCP BBR

```
Start at: 2018-08-01 16:23:39
End at: 2018-08-01 16:24:09
Local clock offset: -9.072 ms
Remote clock offset: 3.692 ms

# Below is generated by plot.py at 2018-08-01 19:40:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.36 Mbit/s
95th percentile per-packet one-way delay: 94.839 ms
Loss rate: 6.96%
-- Flow 1:
Average throughput: 61.36 Mbit/s
95th percentile per-packet one-way delay: 94.839 ms
Loss rate: 6.96%
```

Run 1: Report of TCP BBR — Data Link

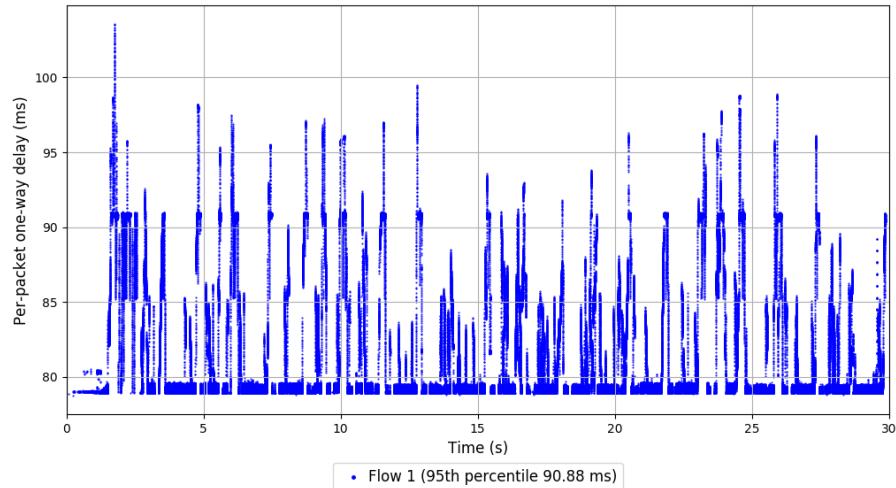
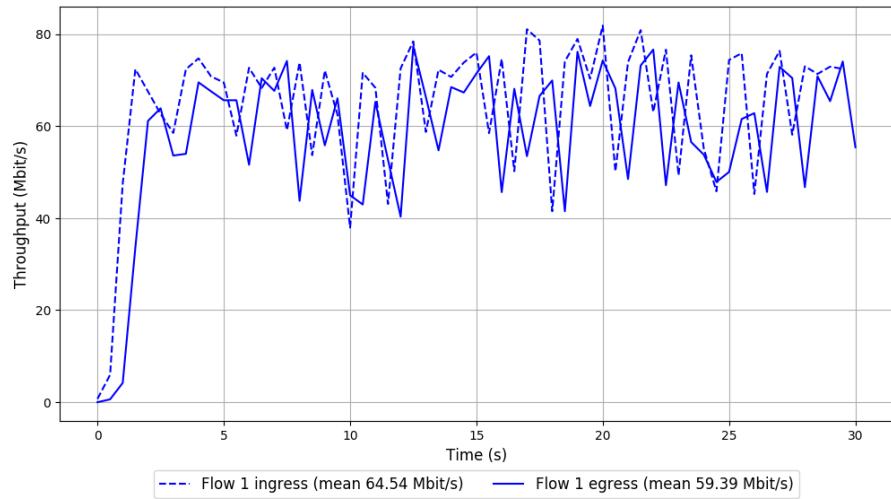


Run 2: Statistics of TCP BBR

```
Start at: 2018-08-01 16:43:31
End at: 2018-08-01 16:44:01
Local clock offset: -7.215 ms
Remote clock offset: 6.784 ms

# Below is generated by plot.py at 2018-08-01 19:40:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.39 Mbit/s
95th percentile per-packet one-way delay: 90.875 ms
Loss rate: 8.49%
-- Flow 1:
Average throughput: 59.39 Mbit/s
95th percentile per-packet one-way delay: 90.875 ms
Loss rate: 8.49%
```

Run 2: Report of TCP BBR — Data Link

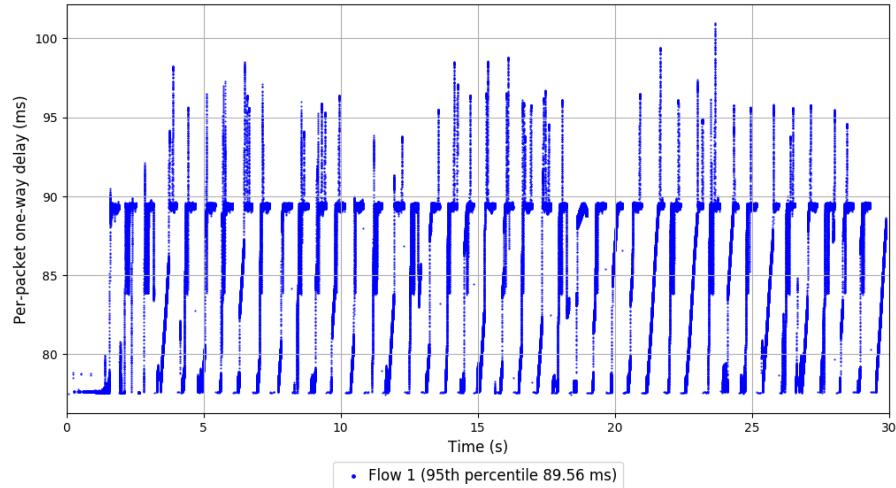
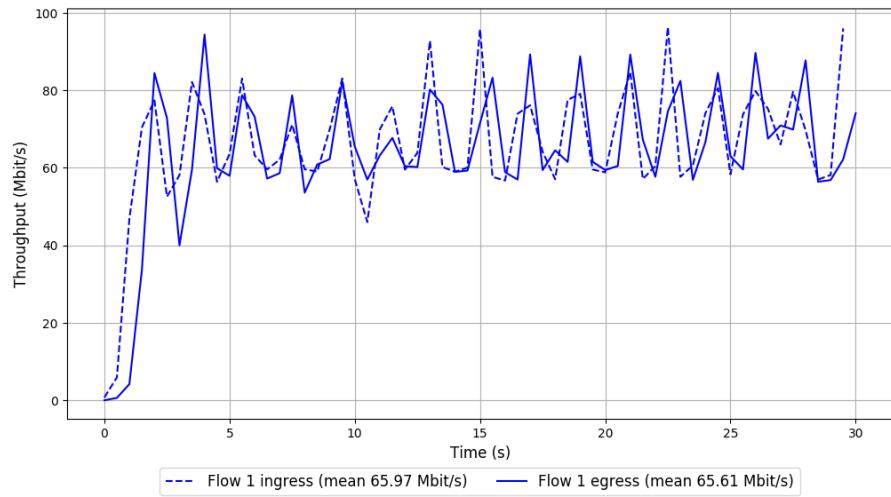


Run 3: Statistics of TCP BBR

```
Start at: 2018-08-01 17:03:27
End at: 2018-08-01 17:03:57
Local clock offset: -7.217 ms
Remote clock offset: 7.558 ms

# Below is generated by plot.py at 2018-08-01 19:40:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.61 Mbit/s
95th percentile per-packet one-way delay: 89.562 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 65.61 Mbit/s
95th percentile per-packet one-way delay: 89.562 ms
Loss rate: 1.11%
```

Run 3: Report of TCP BBR — Data Link

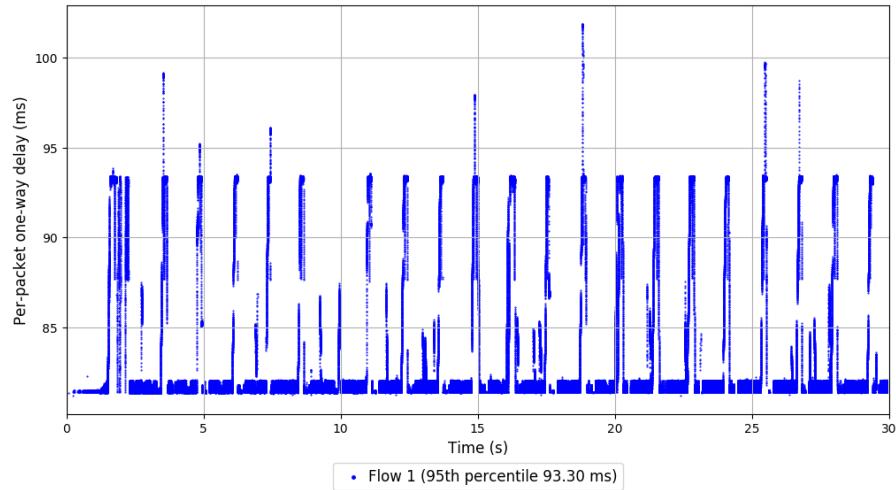
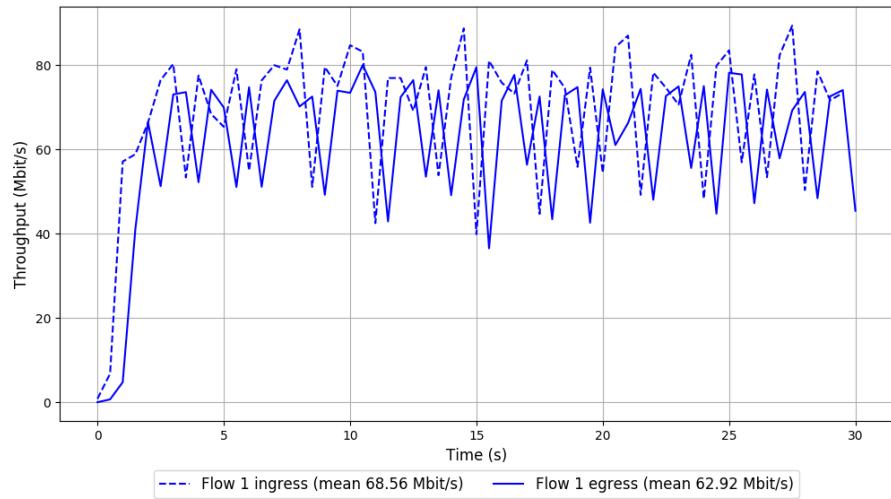


Run 4: Statistics of TCP BBR

```
Start at: 2018-08-01 17:23:22
End at: 2018-08-01 17:23:52
Local clock offset: -7.478 ms
Remote clock offset: 11.664 ms

# Below is generated by plot.py at 2018-08-01 19:40:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.92 Mbit/s
95th percentile per-packet one-way delay: 93.301 ms
Loss rate: 8.72%
-- Flow 1:
Average throughput: 62.92 Mbit/s
95th percentile per-packet one-way delay: 93.301 ms
Loss rate: 8.72%
```

Run 4: Report of TCP BBR — Data Link

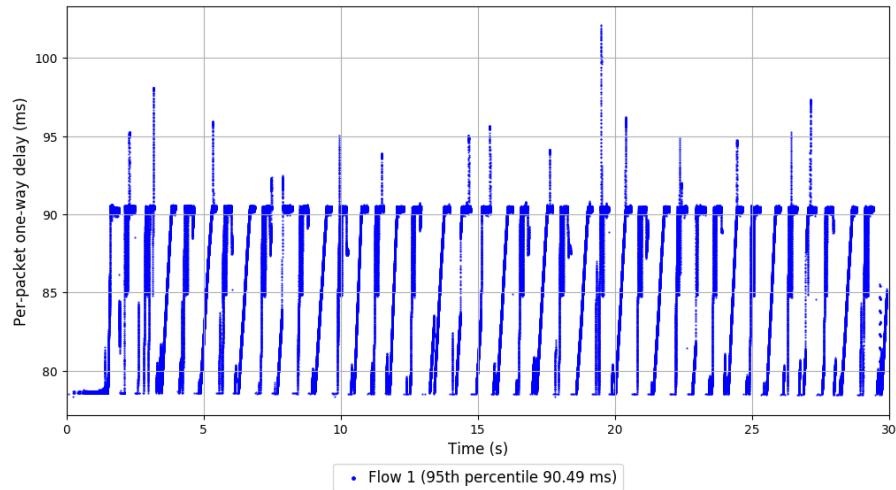
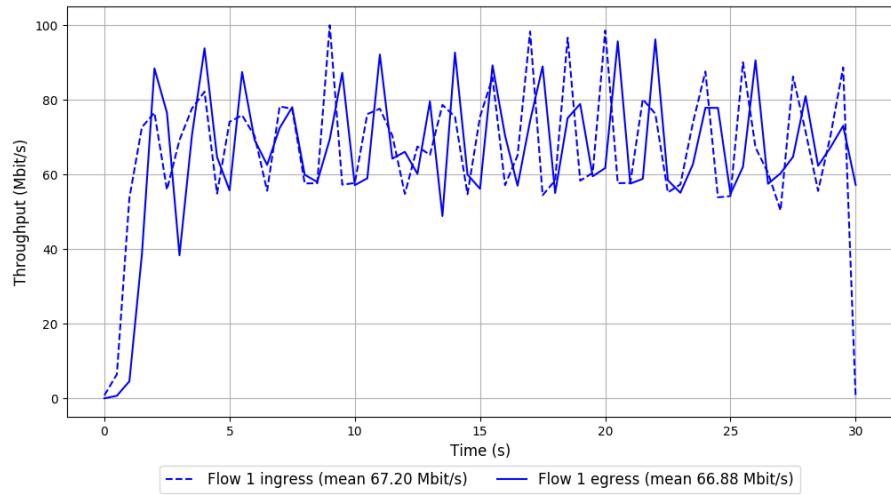


Run 5: Statistics of TCP BBR

```
Start at: 2018-08-01 17:43:28
End at: 2018-08-01 17:43:58
Local clock offset: -6.616 ms
Remote clock offset: 14.944 ms

# Below is generated by plot.py at 2018-08-01 19:40:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.88 Mbit/s
95th percentile per-packet one-way delay: 90.486 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 66.88 Mbit/s
95th percentile per-packet one-way delay: 90.486 ms
Loss rate: 1.04%
```

Run 5: Report of TCP BBR — Data Link

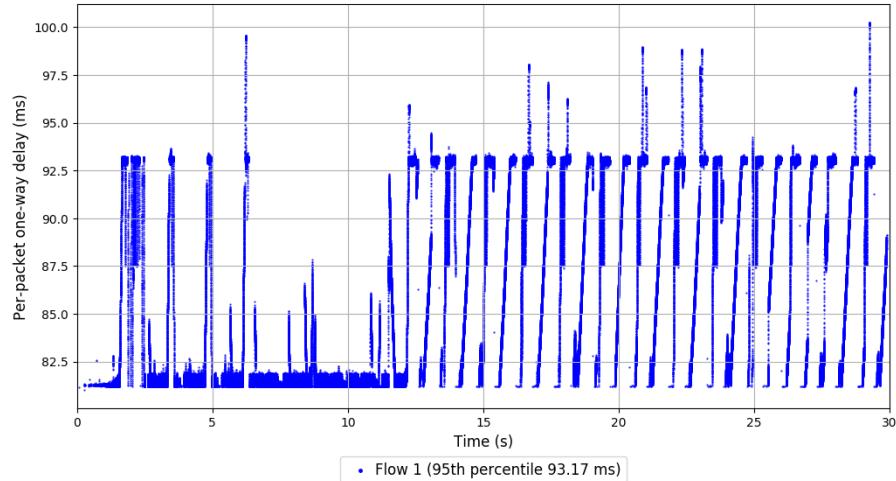
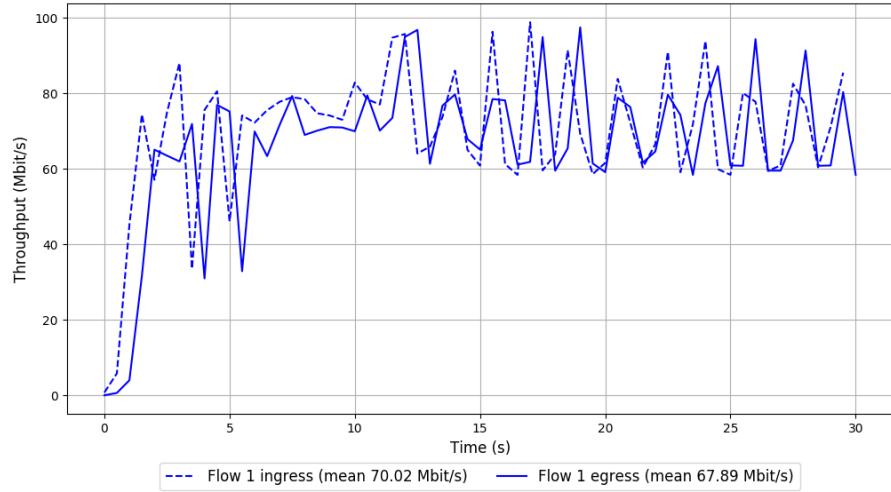


Run 6: Statistics of TCP BBR

```
Start at: 2018-08-01 18:03:30
End at: 2018-08-01 18:04:00
Local clock offset: -6.66 ms
Remote clock offset: 11.146 ms

# Below is generated by plot.py at 2018-08-01 19:40:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.89 Mbit/s
95th percentile per-packet one-way delay: 93.168 ms
Loss rate: 3.58%
-- Flow 1:
Average throughput: 67.89 Mbit/s
95th percentile per-packet one-way delay: 93.168 ms
Loss rate: 3.58%
```

Run 6: Report of TCP BBR — Data Link

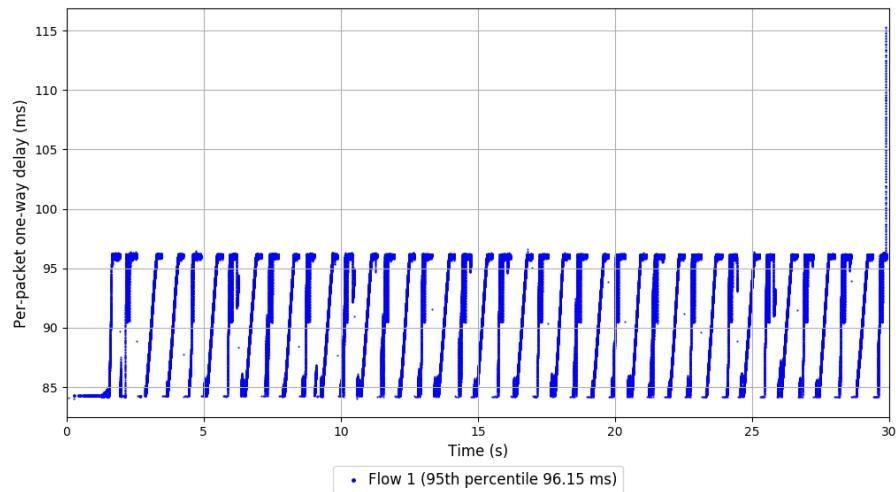
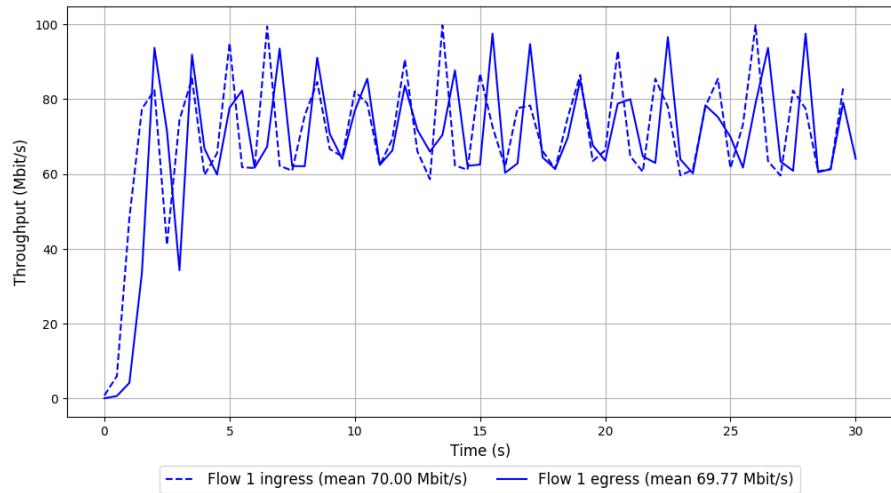


Run 7: Statistics of TCP BBR

```
Start at: 2018-08-01 18:23:36
End at: 2018-08-01 18:24:06
Local clock offset: -6.789 ms
Remote clock offset: 10.26 ms

# Below is generated by plot.py at 2018-08-01 19:40:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.77 Mbit/s
95th percentile per-packet one-way delay: 96.150 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 69.77 Mbit/s
95th percentile per-packet one-way delay: 96.150 ms
Loss rate: 0.63%
```

Run 7: Report of TCP BBR — Data Link

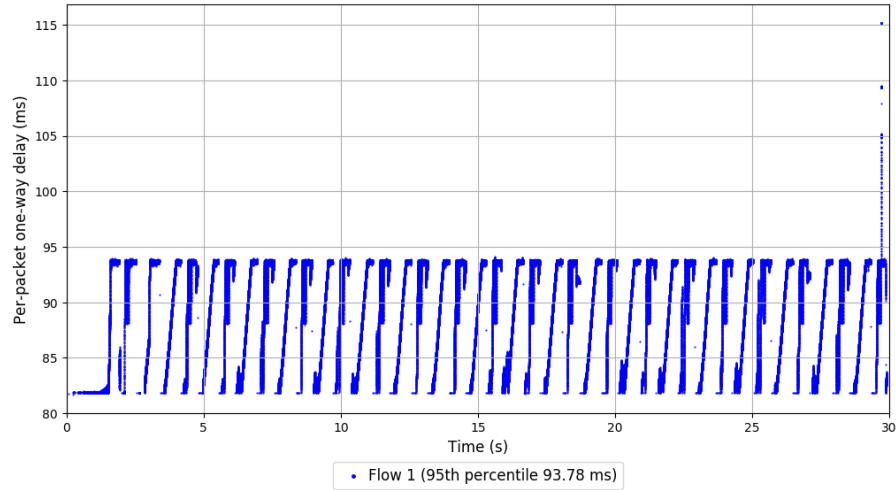
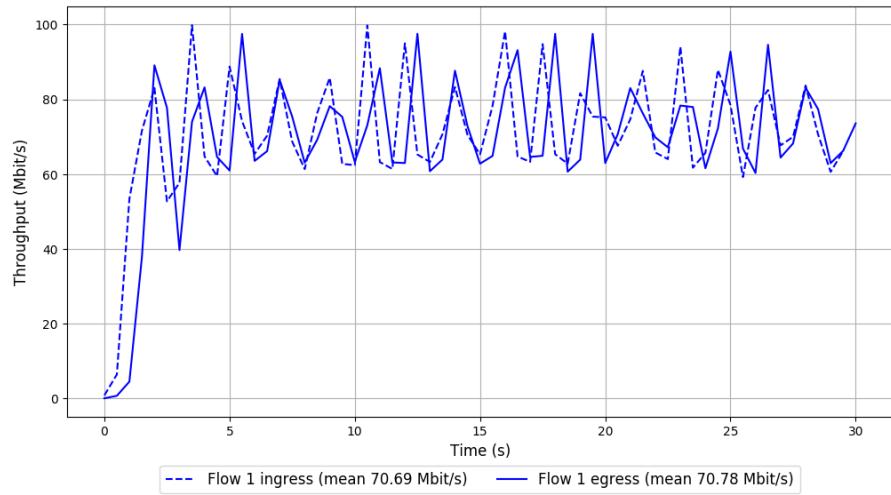


Run 8: Statistics of TCP BBR

```
Start at: 2018-08-01 18:43:31
End at: 2018-08-01 18:44:01
Local clock offset: -6.67 ms
Remote clock offset: 10.131 ms

# Below is generated by plot.py at 2018-08-01 19:40:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.78 Mbit/s
95th percentile per-packet one-way delay: 93.784 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 70.78 Mbit/s
95th percentile per-packet one-way delay: 93.784 ms
Loss rate: 0.27%
```

Run 8: Report of TCP BBR — Data Link

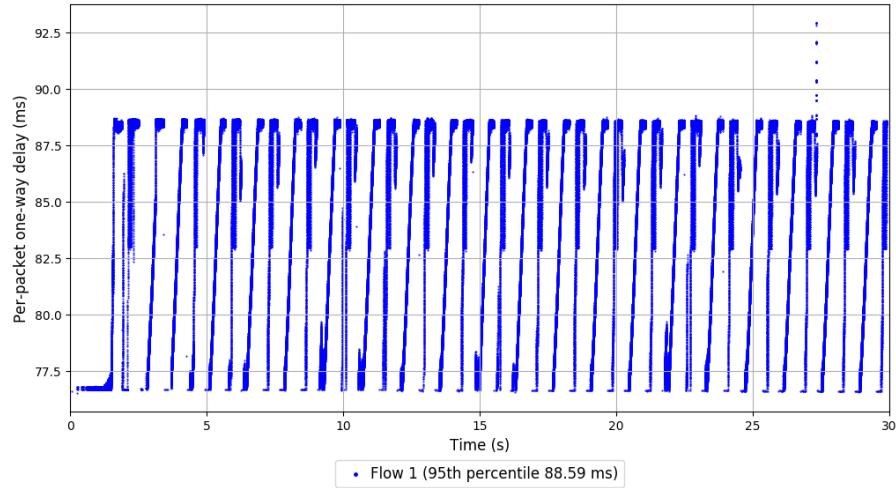
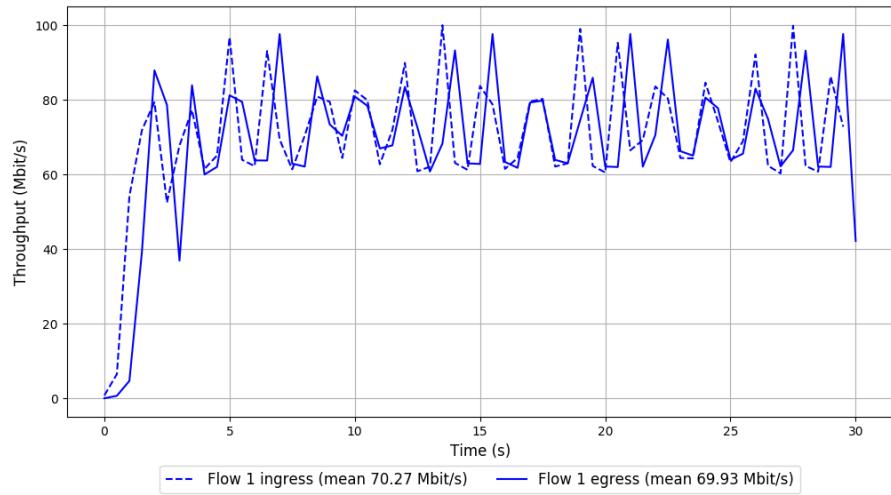


Run 9: Statistics of TCP BBR

```
Start at: 2018-08-01 19:03:27
End at: 2018-08-01 19:03:57
Local clock offset: -6.633 ms
Remote clock offset: 8.623 ms

# Below is generated by plot.py at 2018-08-01 19:40:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.93 Mbit/s
95th percentile per-packet one-way delay: 88.590 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 69.93 Mbit/s
95th percentile per-packet one-way delay: 88.590 ms
Loss rate: 1.04%
```

Run 9: Report of TCP BBR — Data Link



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

```
Start at: 2018-08-01 19:23:25
```

```
End at: 2018-08-01 19:23:55
```

```
Local clock offset: -6.629 ms
```

```
Remote clock offset: 8.159 ms
```

```
# Below is generated by plot.py at 2018-08-01 19:41:00
```

```
# Datalink statistics
```

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

```
Average throughput: 69.74 Mbit/s
```

```
95th percentile per-packet one-way delay: 92.687 ms
```

```
Loss rate: 0.79%
```

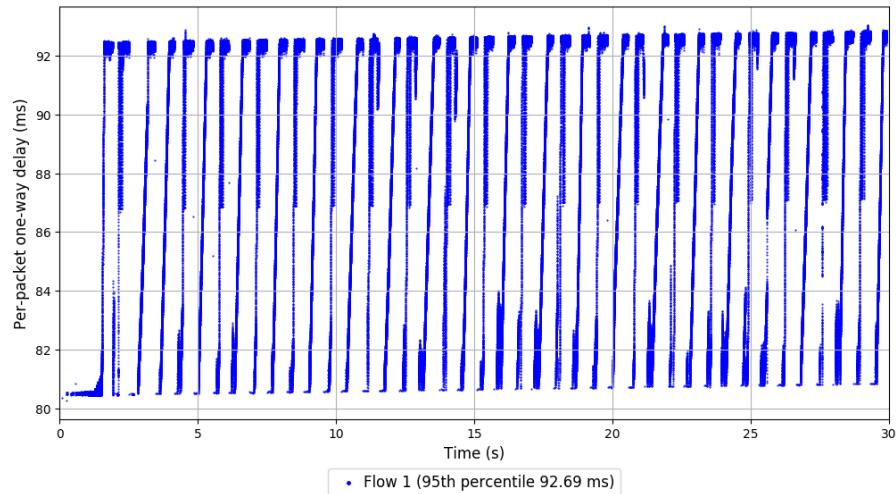
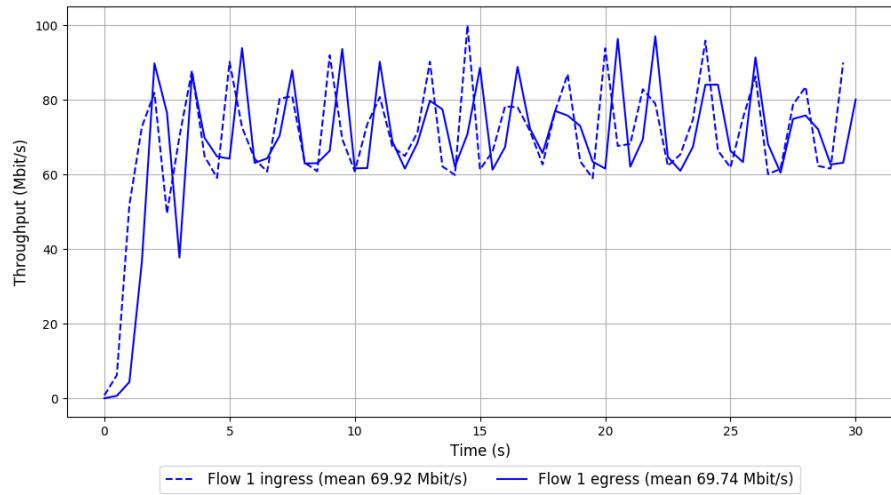
```
-- Flow 1:
```

```
Average throughput: 69.74 Mbit/s
```

```
95th percentile per-packet one-way delay: 92.687 ms
```

```
Loss rate: 0.79%
```

Run 10: Report of TCP BBR — Data Link

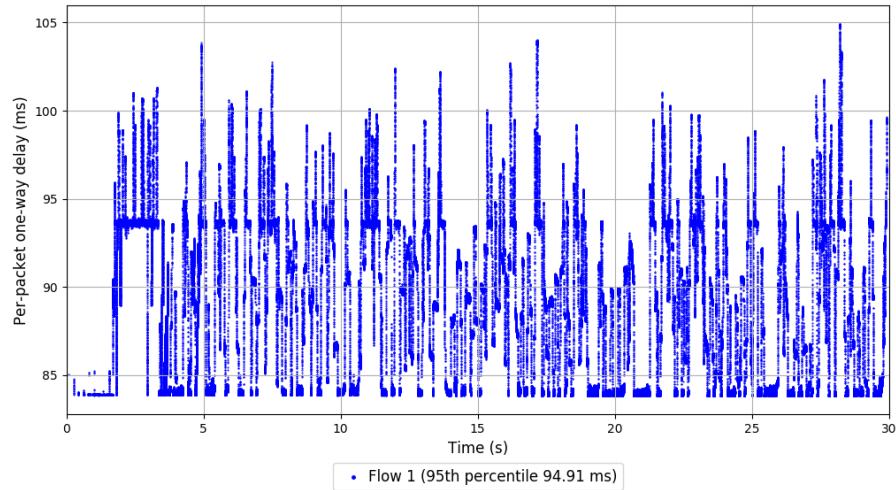
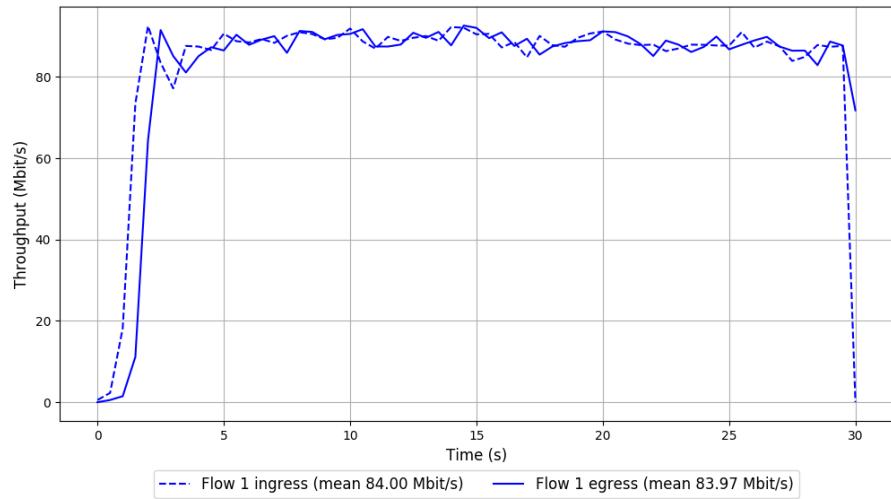


Run 1: Statistics of Copa

```
Start at: 2018-08-01 16:34:10
End at: 2018-08-01 16:34:40
Local clock offset: -7.372 ms
Remote clock offset: 4.465 ms

# Below is generated by plot.py at 2018-08-01 19:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.97 Mbit/s
95th percentile per-packet one-way delay: 94.906 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 83.97 Mbit/s
95th percentile per-packet one-way delay: 94.906 ms
Loss rate: 0.62%
```

Run 1: Report of Copa — Data Link

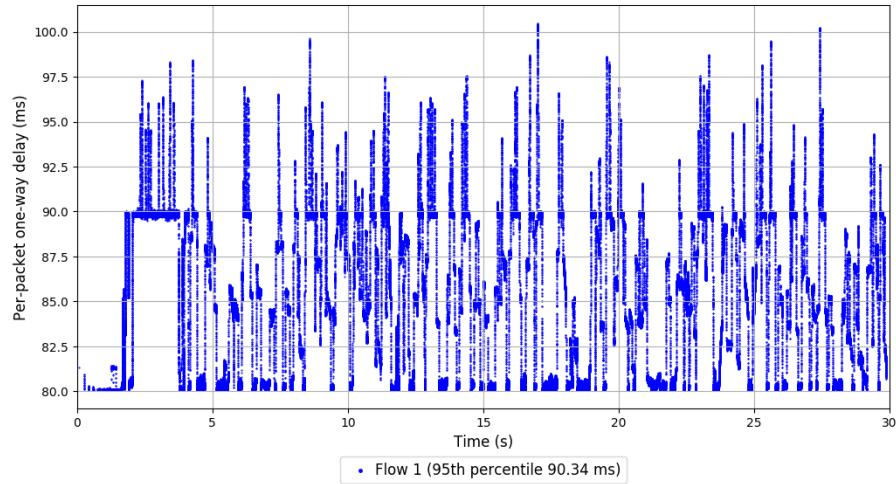
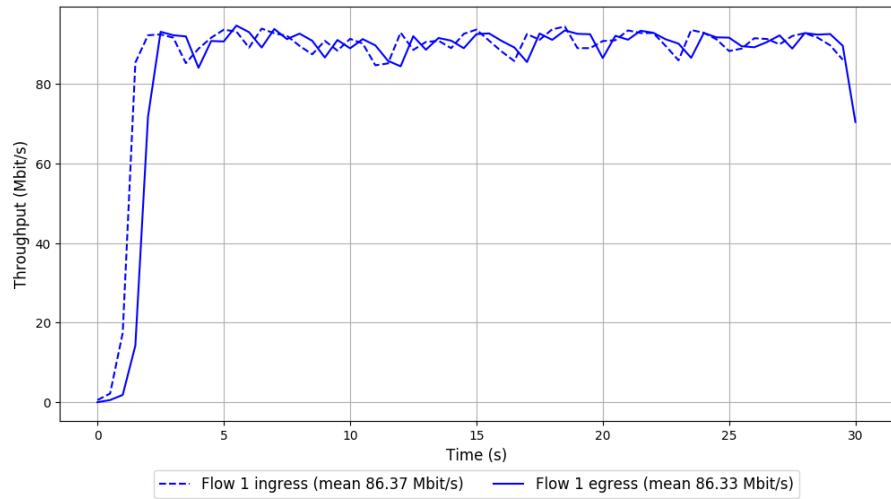


Run 2: Statistics of Copa

```
Start at: 2018-08-01 16:54:06
End at: 2018-08-01 16:54:36
Local clock offset: -7.365 ms
Remote clock offset: 7.71 ms

# Below is generated by plot.py at 2018-08-01 19:42:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.33 Mbit/s
95th percentile per-packet one-way delay: 90.343 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 86.33 Mbit/s
95th percentile per-packet one-way delay: 90.343 ms
Loss rate: 0.60%
```

Run 2: Report of Copa — Data Link

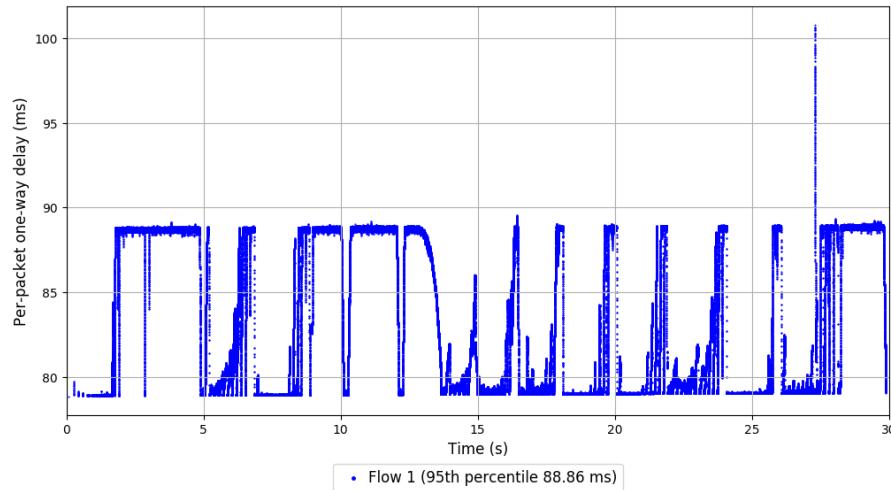
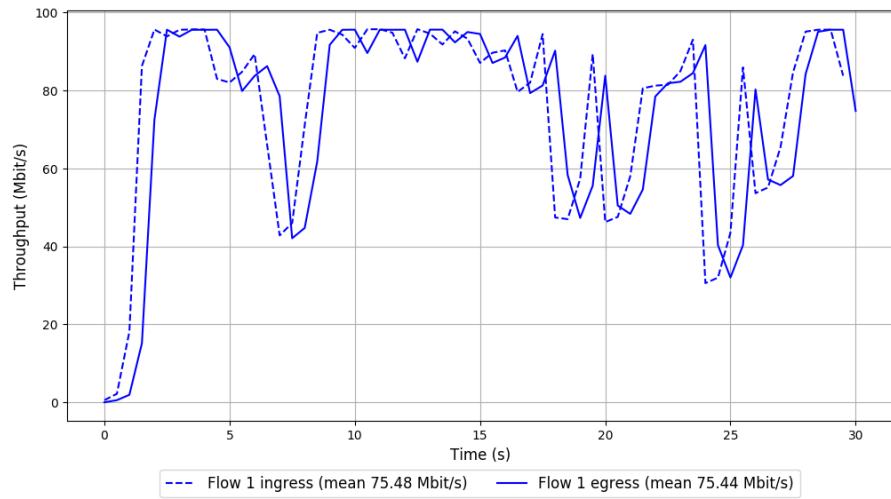


Run 3: Statistics of Copa

```
Start at: 2018-08-01 17:14:02
End at: 2018-08-01 17:14:32
Local clock offset: -7.395 ms
Remote clock offset: 12.187 ms

# Below is generated by plot.py at 2018-08-01 19:42:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.44 Mbit/s
95th percentile per-packet one-way delay: 88.859 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 75.44 Mbit/s
95th percentile per-packet one-way delay: 88.859 ms
Loss rate: 0.60%
```

Run 3: Report of Copa — Data Link

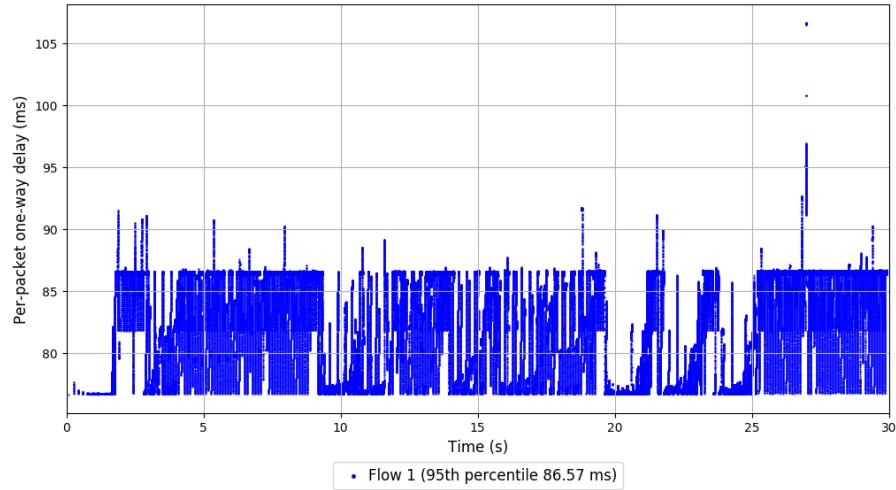
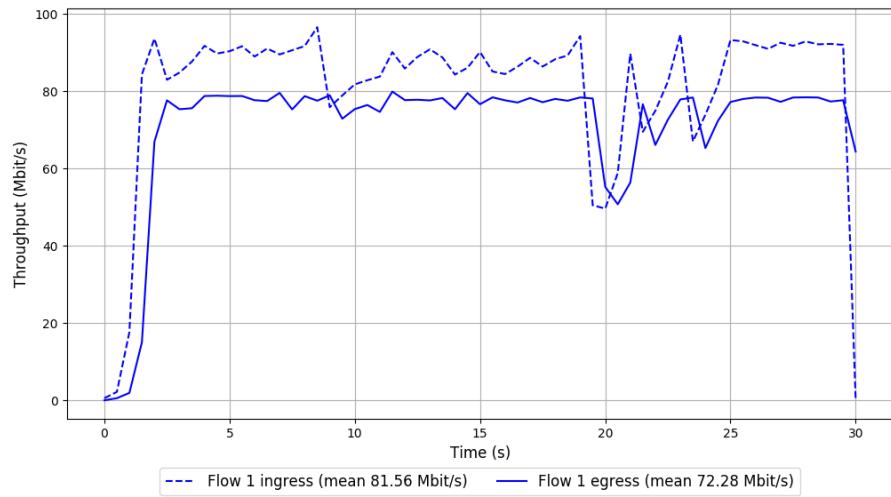


Run 4: Statistics of Copa

```
Start at: 2018-08-01 17:33:57
End at: 2018-08-01 17:34:27
Local clock offset: -6.795 ms
Remote clock offset: 18.203 ms

# Below is generated by plot.py at 2018-08-01 19:42:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.28 Mbit/s
95th percentile per-packet one-way delay: 86.566 ms
Loss rate: 11.87%
-- Flow 1:
Average throughput: 72.28 Mbit/s
95th percentile per-packet one-way delay: 86.566 ms
Loss rate: 11.87%
```

Run 4: Report of Copa — Data Link

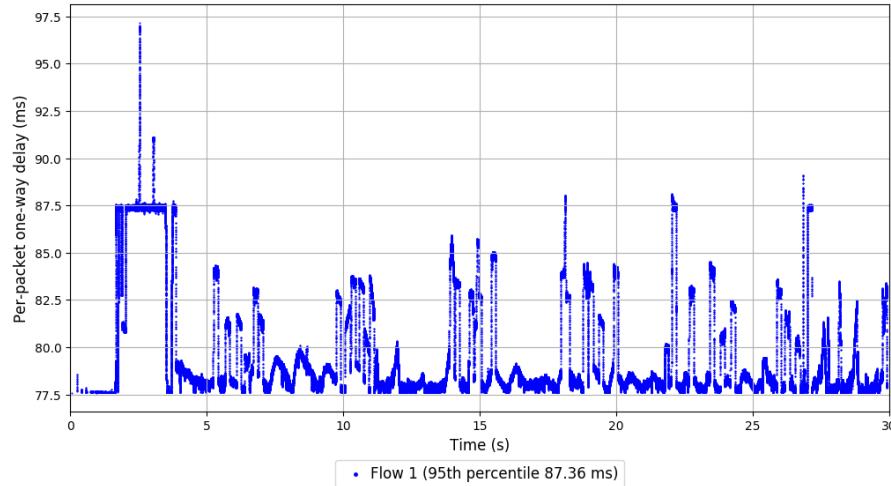
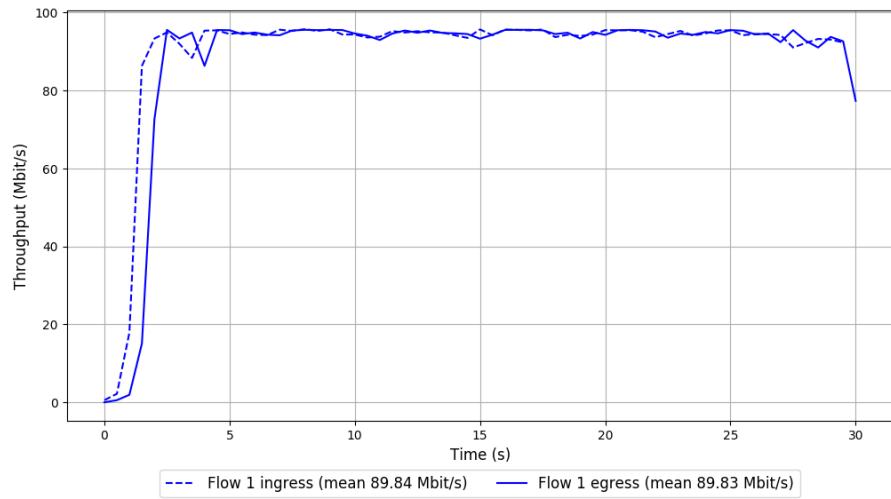


Run 5: Statistics of Copa

```
Start at: 2018-08-01 17:54:01
End at: 2018-08-01 17:54:31
Local clock offset: -6.634 ms
Remote clock offset: 15.001 ms

# Below is generated by plot.py at 2018-08-01 19:42:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.83 Mbit/s
95th percentile per-packet one-way delay: 87.363 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 89.83 Mbit/s
95th percentile per-packet one-way delay: 87.363 ms
Loss rate: 0.56%
```

Run 5: Report of Copa — Data Link

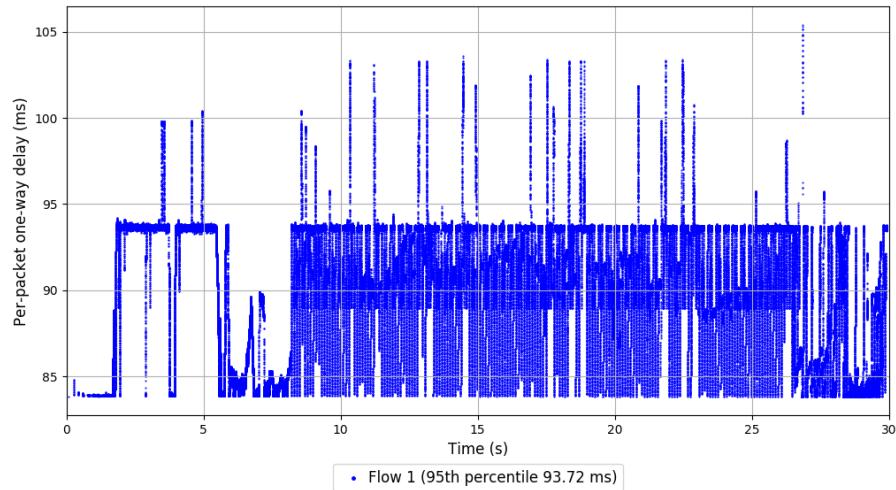
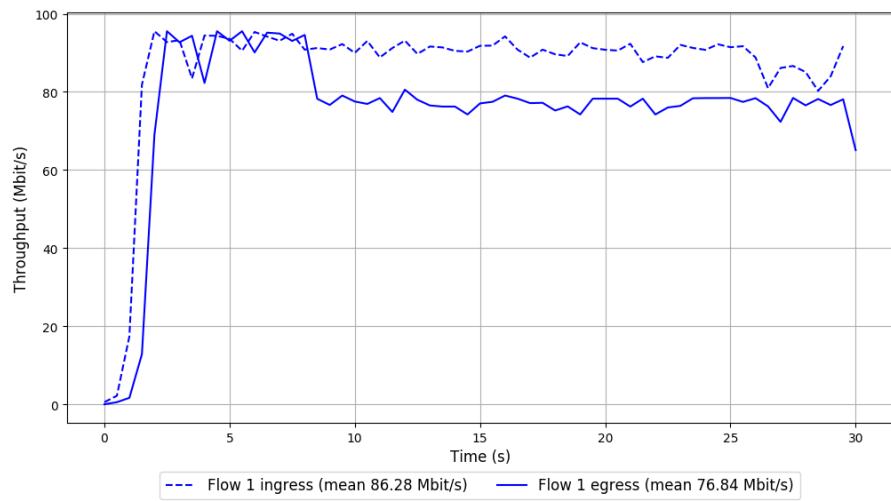


Run 6: Statistics of Copa

```
Start at: 2018-08-01 18:14:05
End at: 2018-08-01 18:14:35
Local clock offset: -6.733 ms
Remote clock offset: 11.083 ms

# Below is generated by plot.py at 2018-08-01 19:42:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.84 Mbit/s
95th percentile per-packet one-way delay: 93.722 ms
Loss rate: 11.44%
-- Flow 1:
Average throughput: 76.84 Mbit/s
95th percentile per-packet one-way delay: 93.722 ms
Loss rate: 11.44%
```

Run 6: Report of Copa — Data Link

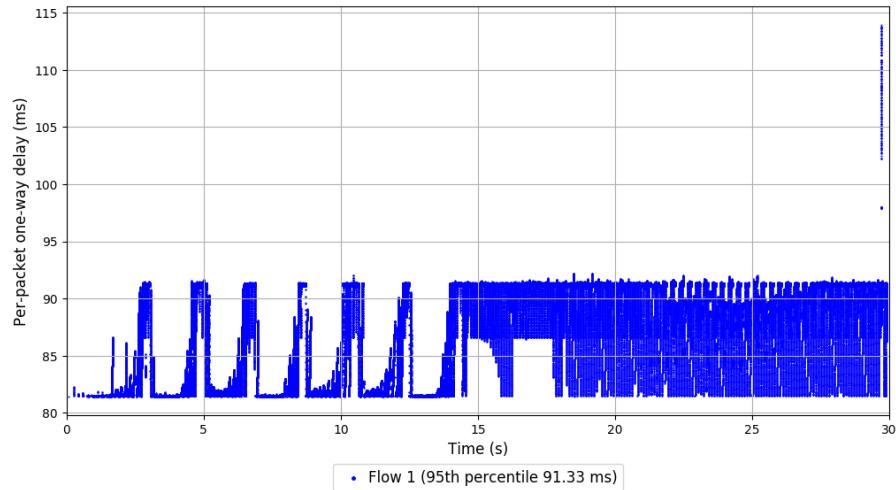
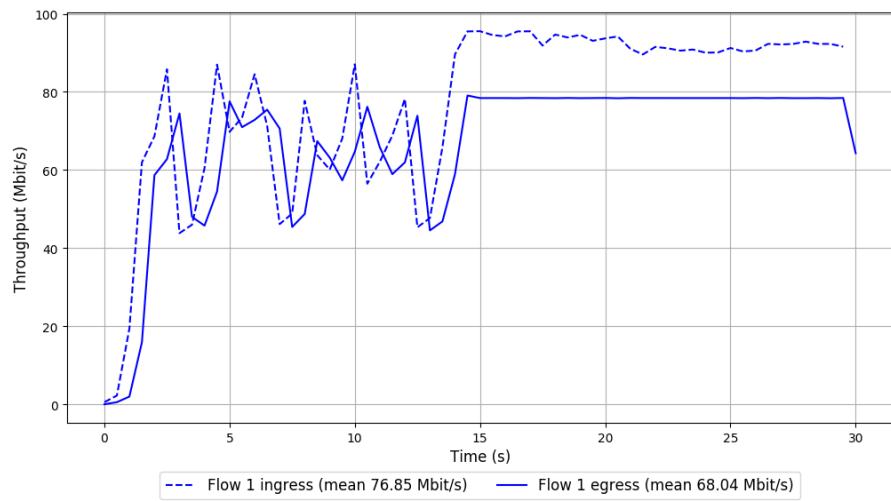


Run 7: Statistics of Copa

```
Start at: 2018-08-01 18:34:10
End at: 2018-08-01 18:34:40
Local clock offset: -6.683 ms
Remote clock offset: 10.175 ms

# Below is generated by plot.py at 2018-08-01 19:42:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.04 Mbit/s
95th percentile per-packet one-way delay: 91.325 ms
Loss rate: 11.94%
-- Flow 1:
Average throughput: 68.04 Mbit/s
95th percentile per-packet one-way delay: 91.325 ms
Loss rate: 11.94%
```

Run 7: Report of Copa — Data Link

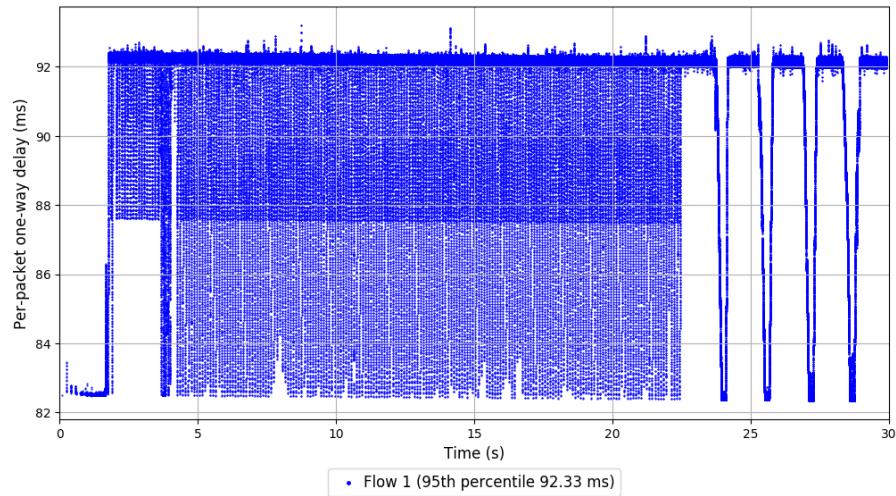
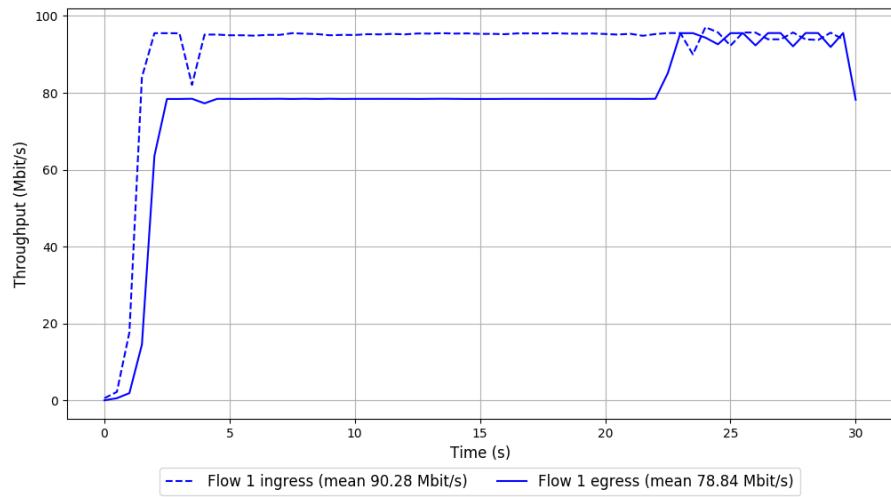


Run 8: Statistics of Copa

```
Start at: 2018-08-01 18:54:06
End at: 2018-08-01 18:54:36
Local clock offset: -6.703 ms
Remote clock offset: 4.914 ms

# Below is generated by plot.py at 2018-08-01 19:42:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.84 Mbit/s
95th percentile per-packet one-way delay: 92.331 ms
Loss rate: 13.17%
-- Flow 1:
Average throughput: 78.84 Mbit/s
95th percentile per-packet one-way delay: 92.331 ms
Loss rate: 13.17%
```

Run 8: Report of Copa — Data Link

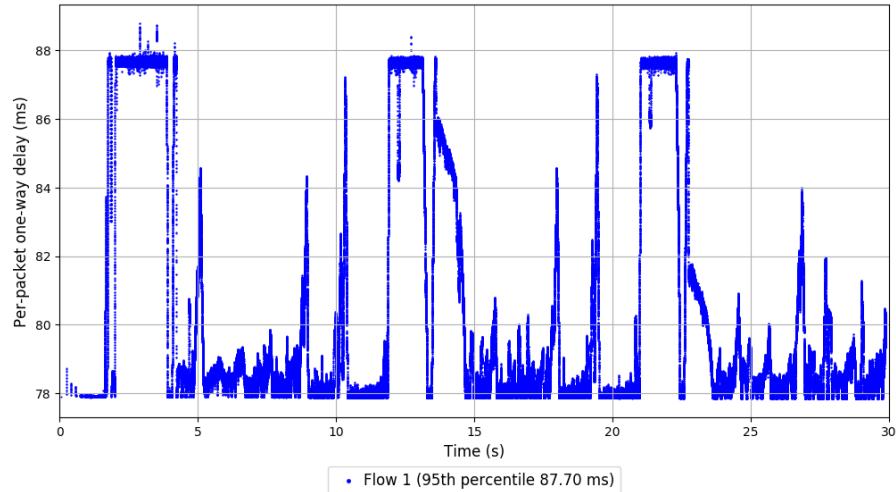
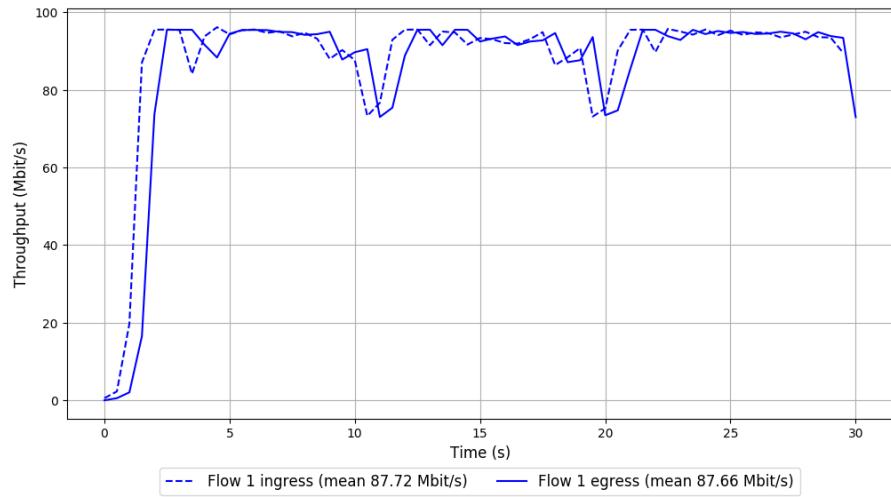


Run 9: Statistics of Copa

```
Start at: 2018-08-01 19:14:04
End at: 2018-08-01 19:14:34
Local clock offset: -6.625 ms
Remote clock offset: 6.193 ms

# Below is generated by plot.py at 2018-08-01 19:43:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.66 Mbit/s
95th percentile per-packet one-way delay: 87.705 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 87.66 Mbit/s
95th percentile per-packet one-way delay: 87.705 ms
Loss rate: 0.61%
```

Run 9: Report of Copa — Data Link

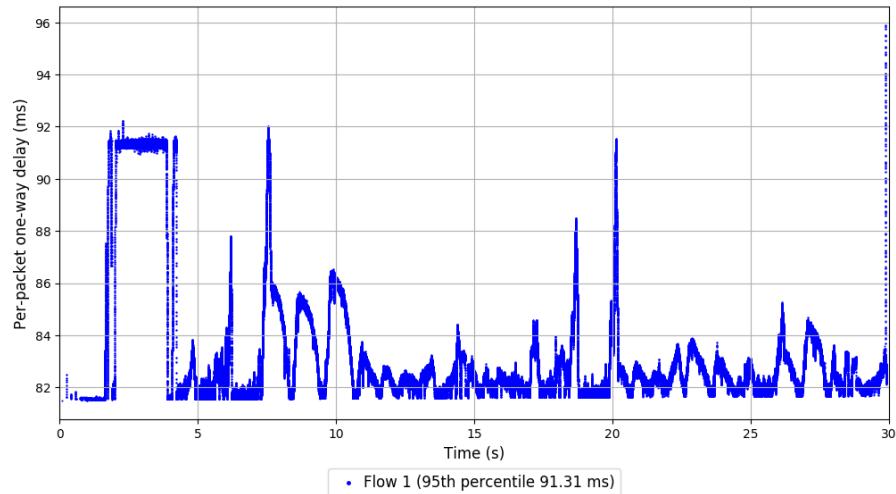
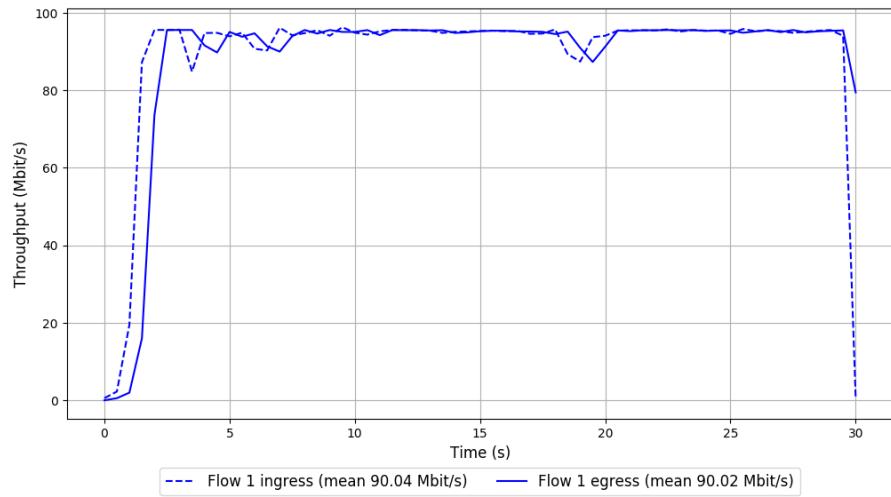


Run 10: Statistics of Copa

```
Start at: 2018-08-01 19:33:59
End at: 2018-08-01 19:34:29
Local clock offset: -6.218 ms
Remote clock offset: 10.367 ms

# Below is generated by plot.py at 2018-08-01 19:43:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.02 Mbit/s
95th percentile per-packet one-way delay: 91.312 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 90.02 Mbit/s
95th percentile per-packet one-way delay: 91.312 ms
Loss rate: 0.58%
```

Run 10: Report of Copa — Data Link

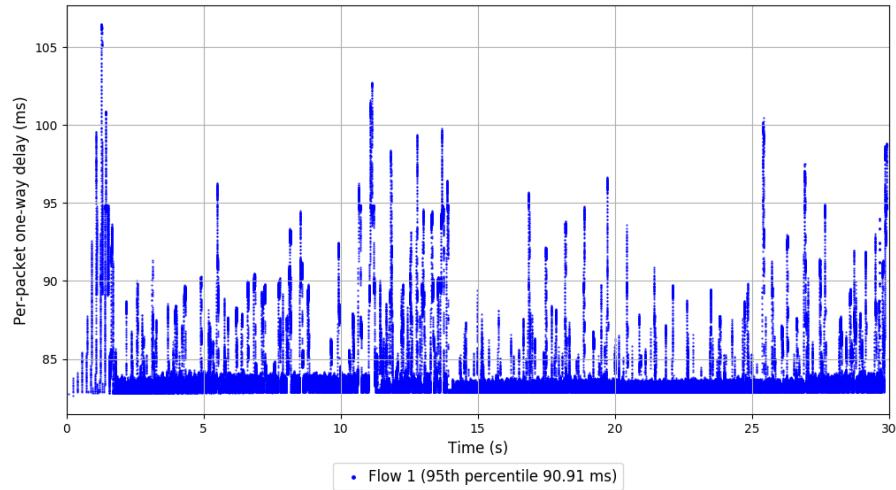
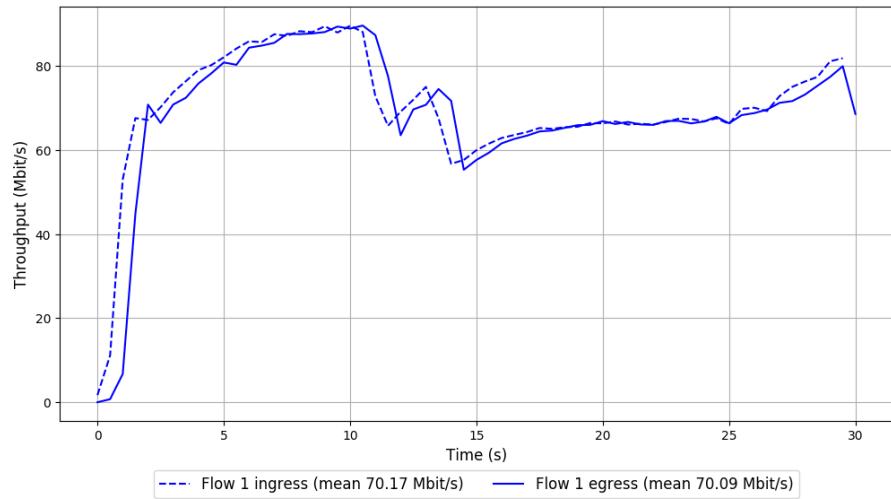


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-08-01 16:18:59
End at: 2018-08-01 16:19:30
Local clock offset: -9.019 ms
Remote clock offset: 3.697 ms

# Below is generated by plot.py at 2018-08-01 19:43:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.09 Mbit/s
95th percentile per-packet one-way delay: 90.905 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 70.09 Mbit/s
95th percentile per-packet one-way delay: 90.905 ms
Loss rate: 0.66%
```

Run 1: Report of TCP Cubic — Data Link

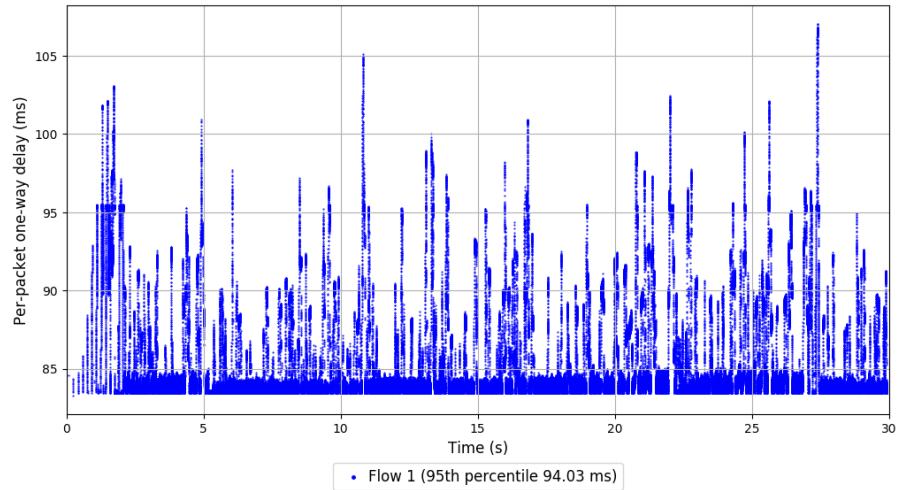
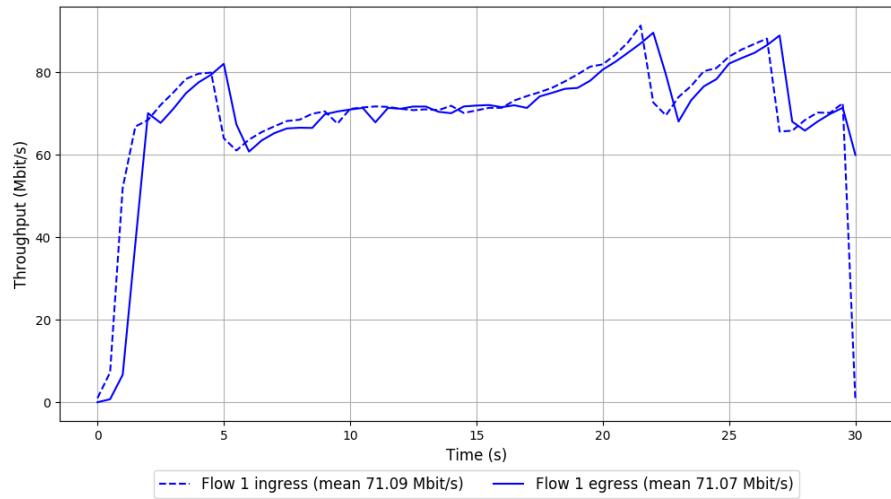


Run 2: Statistics of TCP Cubic

```
Start at: 2018-08-01 16:38:52
End at: 2018-08-01 16:39:22
Local clock offset: -7.221 ms
Remote clock offset: 4.367 ms

# Below is generated by plot.py at 2018-08-01 19:43:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.07 Mbit/s
95th percentile per-packet one-way delay: 94.034 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 71.07 Mbit/s
95th percentile per-packet one-way delay: 94.034 ms
Loss rate: 0.58%
```

Run 2: Report of TCP Cubic — Data Link

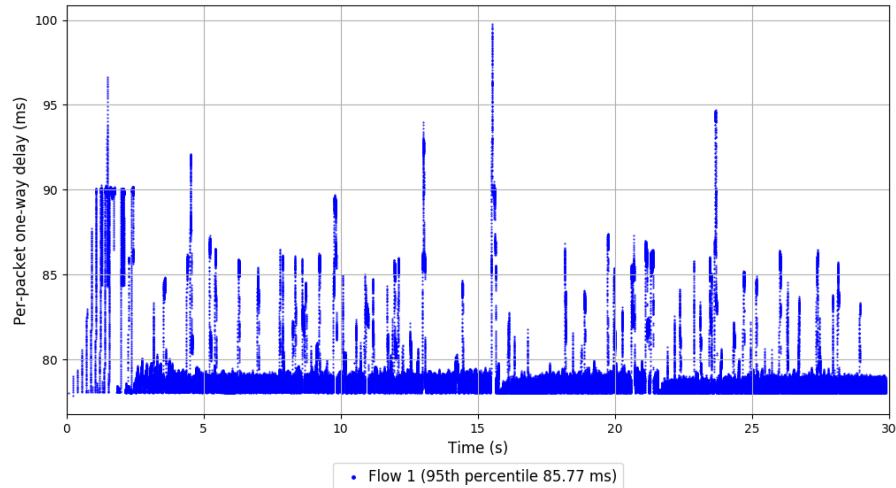
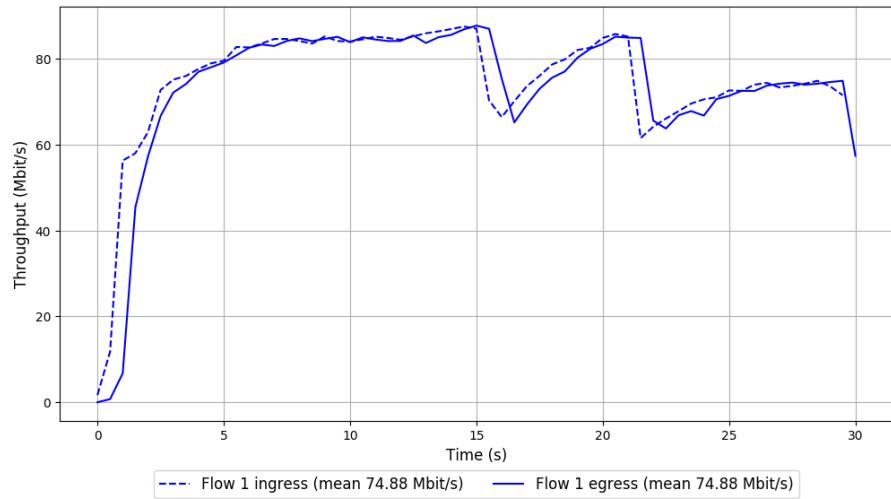


Run 3: Statistics of TCP Cubic

```
Start at: 2018-08-01 16:58:47
End at: 2018-08-01 16:59:17
Local clock offset: -7.217 ms
Remote clock offset: 7.644 ms

# Below is generated by plot.py at 2018-08-01 19:43:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.88 Mbit/s
95th percentile per-packet one-way delay: 85.774 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 74.88 Mbit/s
95th percentile per-packet one-way delay: 85.774 ms
Loss rate: 0.54%
```

Run 3: Report of TCP Cubic — Data Link

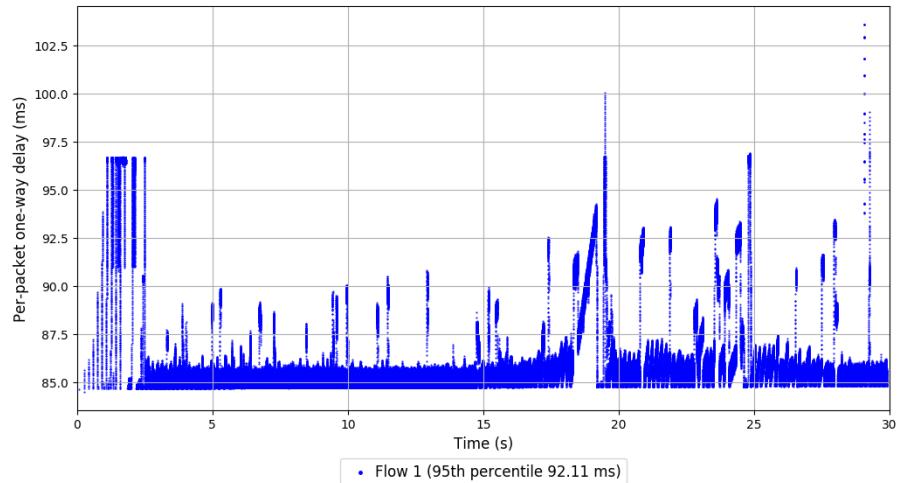
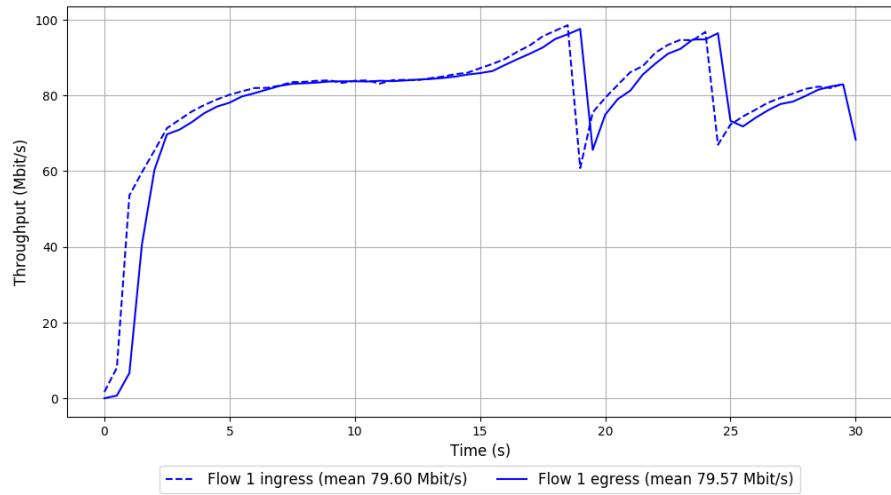


Run 4: Statistics of TCP Cubic

```
Start at: 2018-08-01 17:18:42
End at: 2018-08-01 17:19:12
Local clock offset: -7.496 ms
Remote clock offset: 9.719 ms

# Below is generated by plot.py at 2018-08-01 19:43:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.57 Mbit/s
95th percentile per-packet one-way delay: 92.109 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 79.57 Mbit/s
95th percentile per-packet one-way delay: 92.109 ms
Loss rate: 0.58%
```

Run 4: Report of TCP Cubic — Data Link

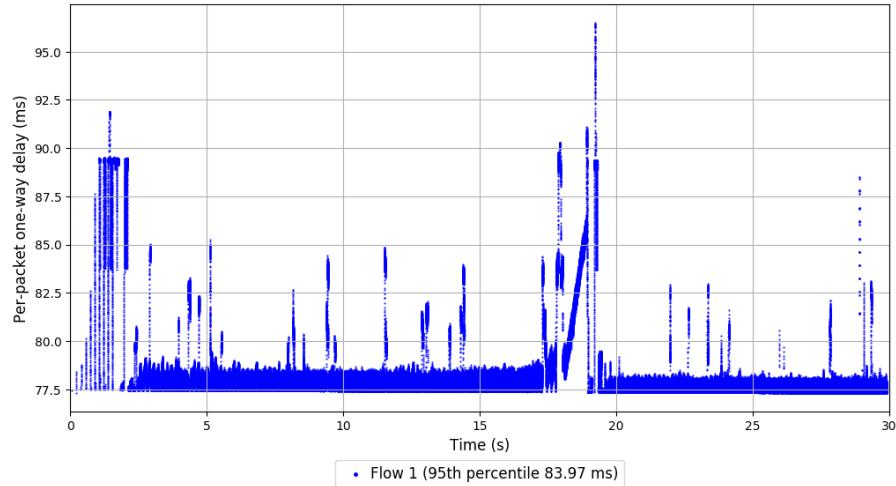
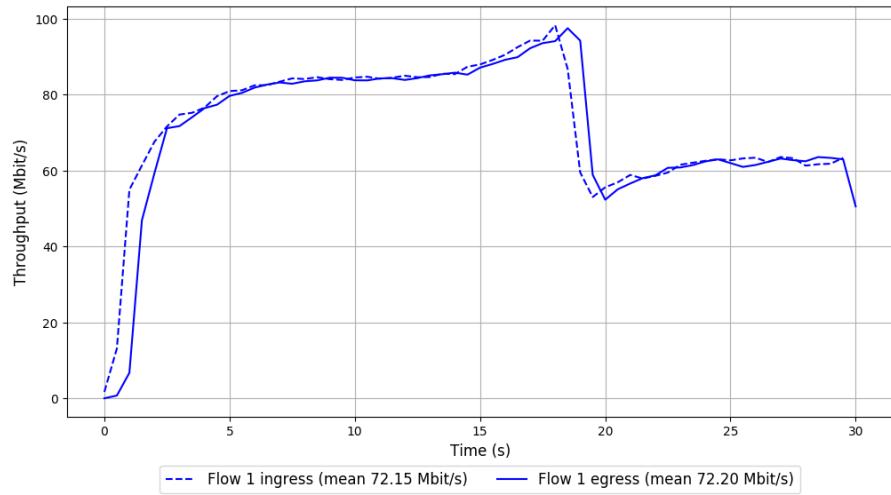


Run 5: Statistics of TCP Cubic

```
Start at: 2018-08-01 17:38:47
End at: 2018-08-01 17:39:17
Local clock offset: -6.703 ms
Remote clock offset: 17.293 ms

# Below is generated by plot.py at 2018-08-01 19:43:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.20 Mbit/s
95th percentile per-packet one-way delay: 83.973 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 72.20 Mbit/s
95th percentile per-packet one-way delay: 83.973 ms
Loss rate: 0.48%
```

Run 5: Report of TCP Cubic — Data Link

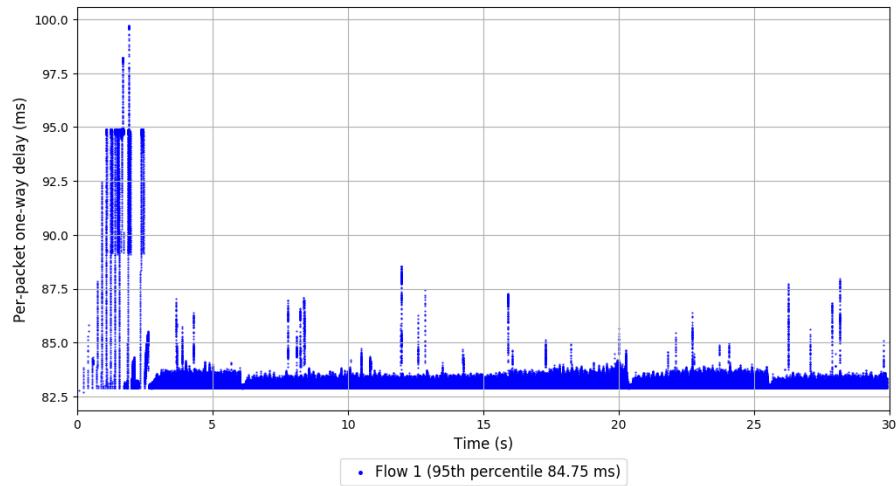
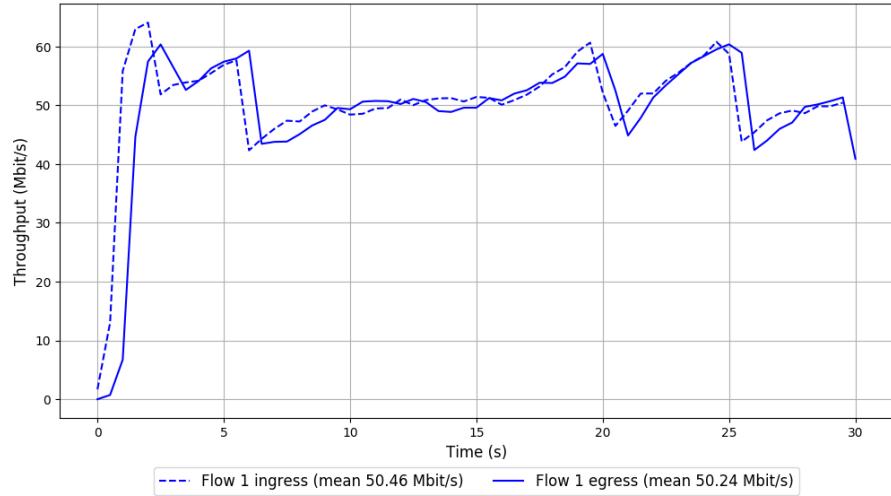


Run 6: Statistics of TCP Cubic

```
Start at: 2018-08-01 17:58:42
End at: 2018-08-01 17:59:12
Local clock offset: -6.638 ms
Remote clock offset: 10.023 ms

# Below is generated by plot.py at 2018-08-01 19:43:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 84.753 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 84.753 ms
Loss rate: 0.97%
```

Run 6: Report of TCP Cubic — Data Link

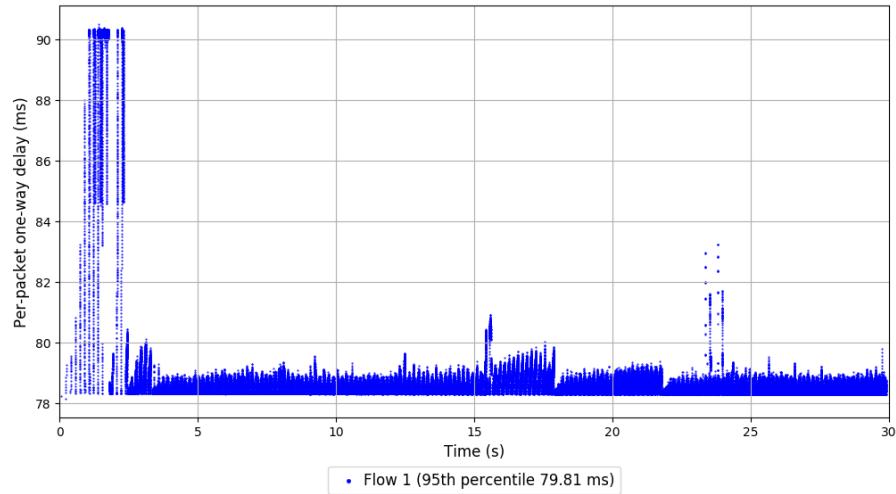
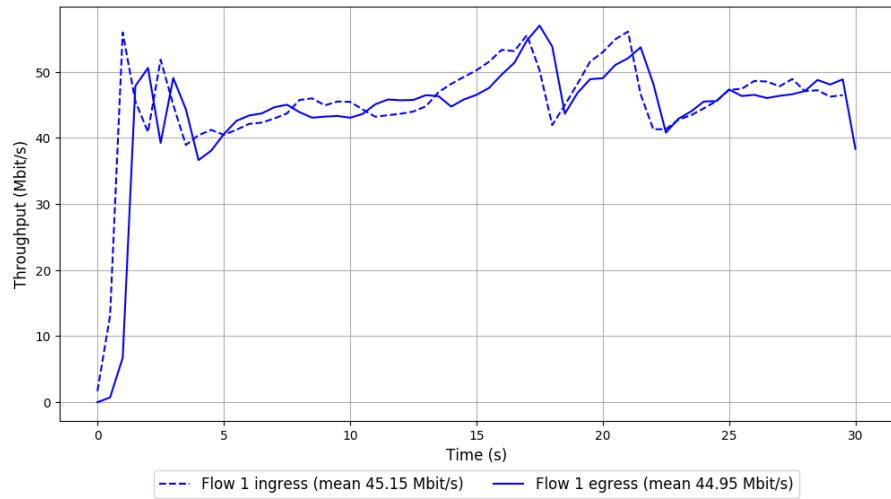


Run 7: Statistics of TCP Cubic

```
Start at: 2018-08-01 18:18:57
End at: 2018-08-01 18:19:27
Local clock offset: -6.843 ms
Remote clock offset: 13.443 ms

# Below is generated by plot.py at 2018-08-01 19:43:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.95 Mbit/s
95th percentile per-packet one-way delay: 79.809 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 44.95 Mbit/s
95th percentile per-packet one-way delay: 79.809 ms
Loss rate: 0.97%
```

Run 7: Report of TCP Cubic — Data Link

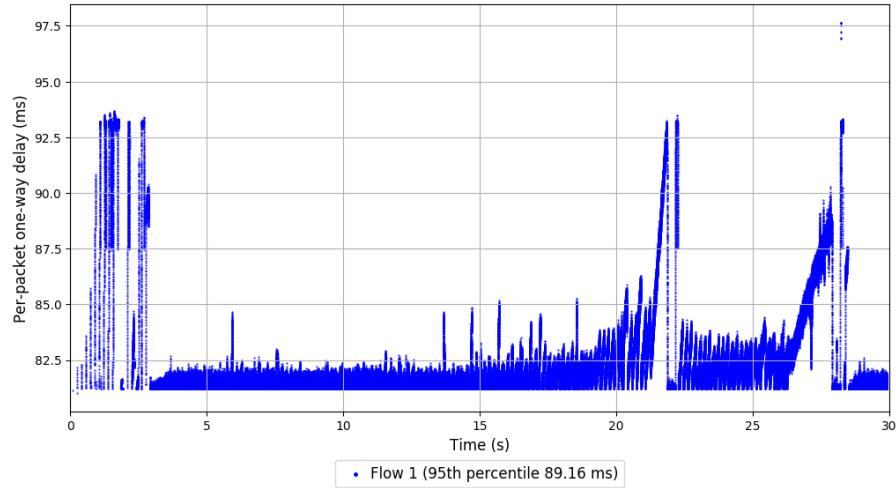
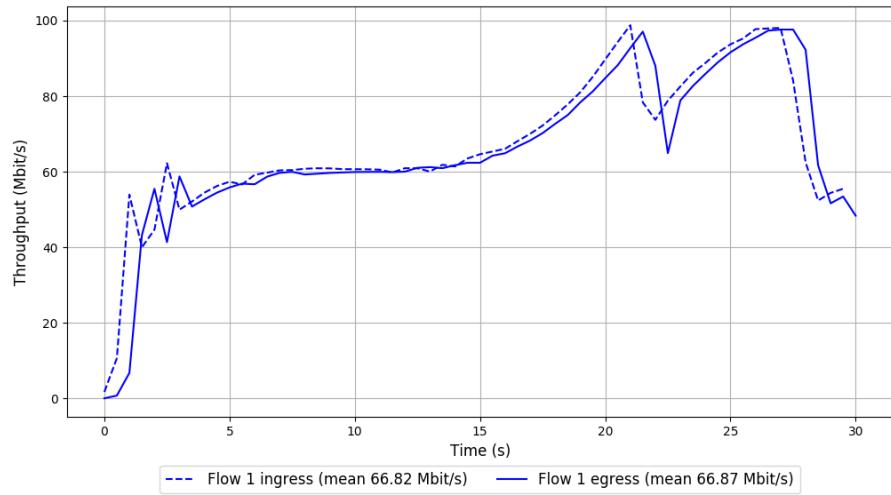


Run 8: Statistics of TCP Cubic

```
Start at: 2018-08-01 18:38:51
End at: 2018-08-01 18:39:21
Local clock offset: -6.67 ms
Remote clock offset: 12.79 ms

# Below is generated by plot.py at 2018-08-01 19:43:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.87 Mbit/s
95th percentile per-packet one-way delay: 89.155 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 66.87 Mbit/s
95th percentile per-packet one-way delay: 89.155 ms
Loss rate: 0.47%
```

Run 8: Report of TCP Cubic — Data Link

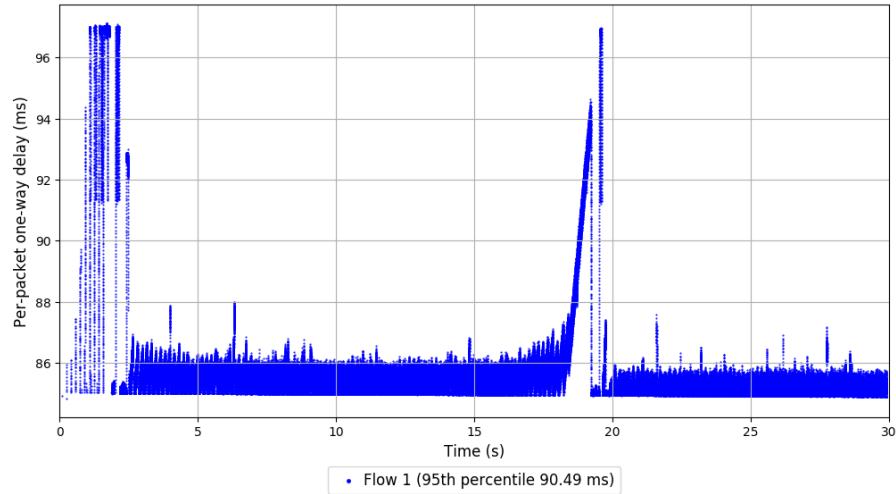
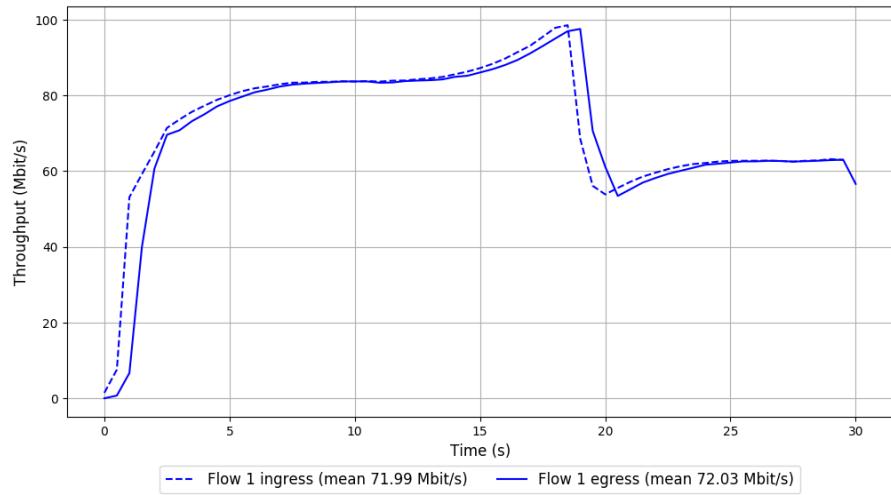


Run 9: Statistics of TCP Cubic

```
Start at: 2018-08-01 18:58:47
End at: 2018-08-01 18:59:17
Local clock offset: -6.654 ms
Remote clock offset: 3.664 ms

# Below is generated by plot.py at 2018-08-01 19:43:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.03 Mbit/s
95th percentile per-packet one-way delay: 90.493 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 72.03 Mbit/s
95th percentile per-packet one-way delay: 90.493 ms
Loss rate: 0.49%
```

Run 9: Report of TCP Cubic — Data Link

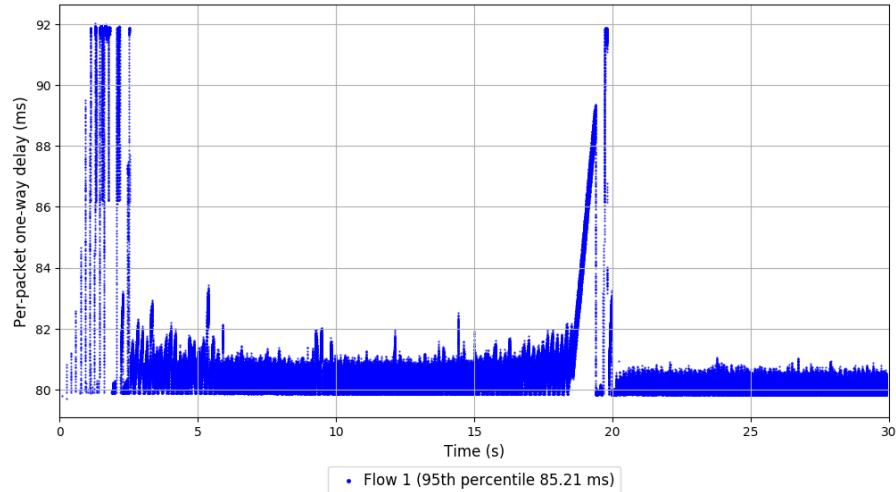
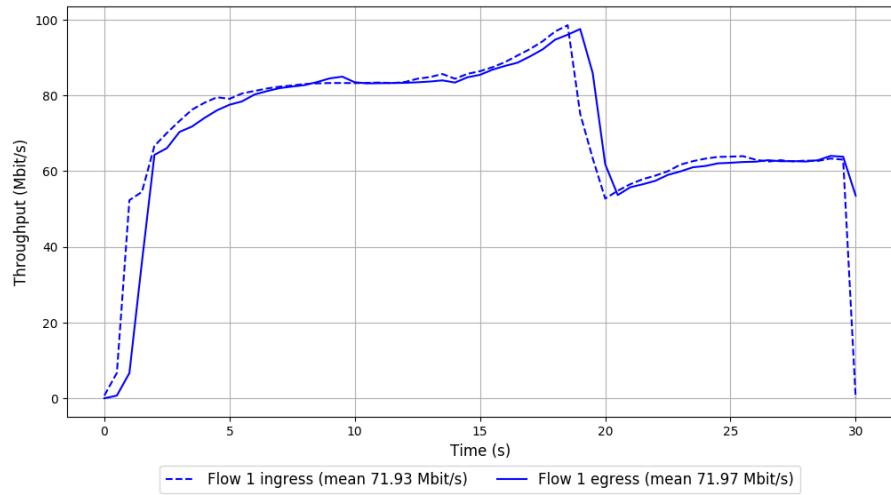


Run 10: Statistics of TCP Cubic

```
Start at: 2018-08-01 19:18:45
End at: 2018-08-01 19:19:15
Local clock offset: -6.642 ms
Remote clock offset: 5.559 ms

# Below is generated by plot.py at 2018-08-01 19:44:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.97 Mbit/s
95th percentile per-packet one-way delay: 85.209 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 71.97 Mbit/s
95th percentile per-packet one-way delay: 85.209 ms
Loss rate: 0.50%
```

Run 10: Report of TCP Cubic — Data Link

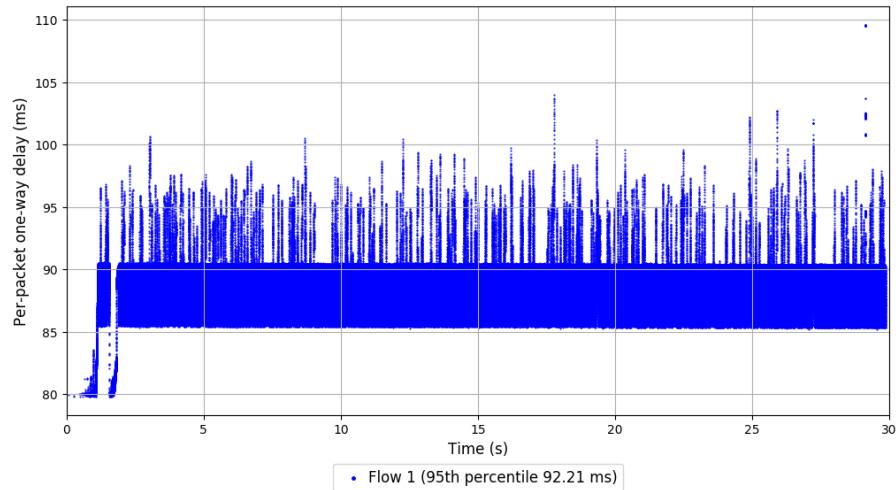
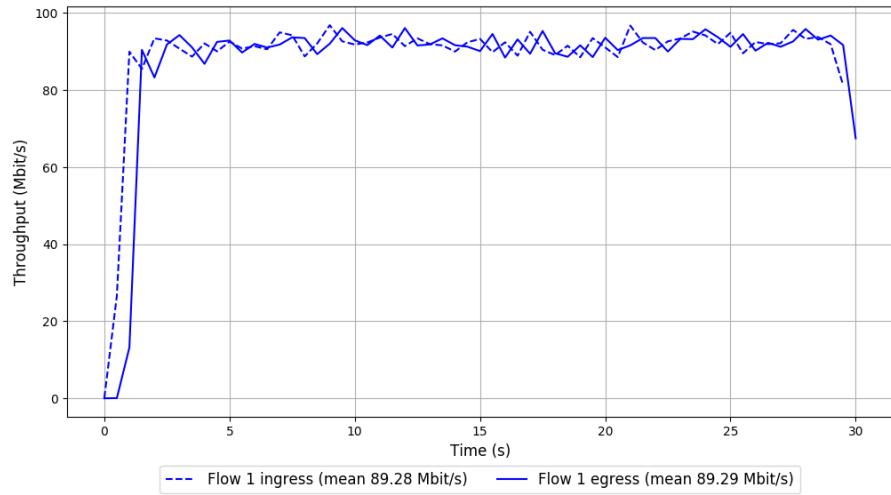


```
Run 1: Statistics of FillP
```

```
Start at: 2018-08-01 16:24:49
End at: 2018-08-01 16:25:19
Local clock offset: -8.713 ms
Remote clock offset: 8.548 ms

# Below is generated by plot.py at 2018-08-01 19:44:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.29 Mbit/s
95th percentile per-packet one-way delay: 92.211 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 89.29 Mbit/s
95th percentile per-packet one-way delay: 92.211 ms
Loss rate: 0.57%
```

Run 1: Report of FillP — Data Link

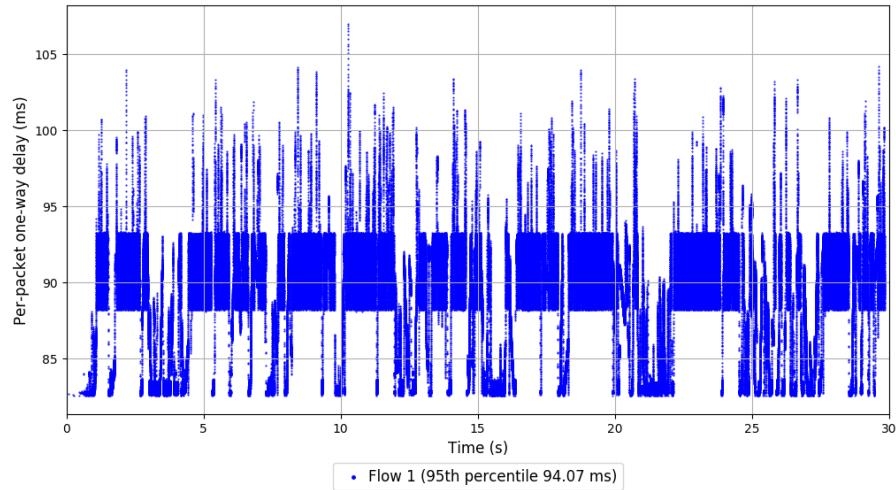
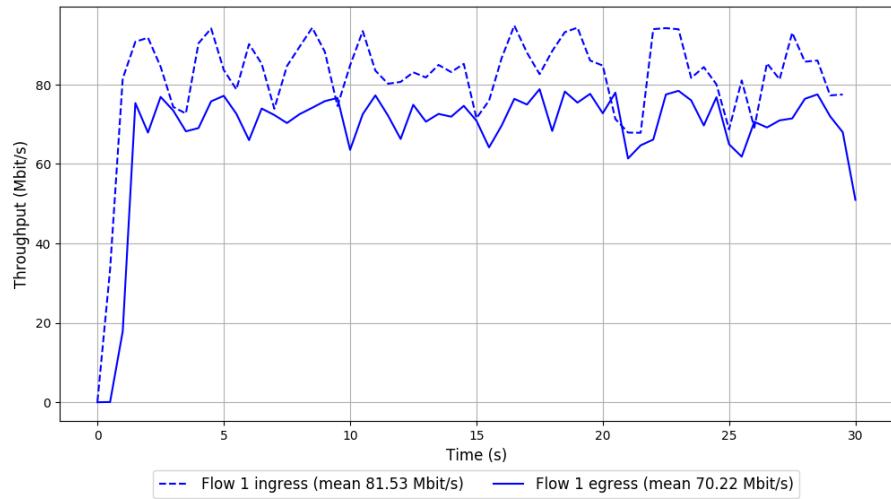


Run 2: Statistics of FillP

```
Start at: 2018-08-01 16:44:42
End at: 2018-08-01 16:45:12
Local clock offset: -7.247 ms
Remote clock offset: 3.0 ms

# Below is generated by plot.py at 2018-08-01 19:44:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.22 Mbit/s
95th percentile per-packet one-way delay: 94.072 ms
Loss rate: 14.37%
-- Flow 1:
Average throughput: 70.22 Mbit/s
95th percentile per-packet one-way delay: 94.072 ms
Loss rate: 14.37%
```

Run 2: Report of FillP — Data Link

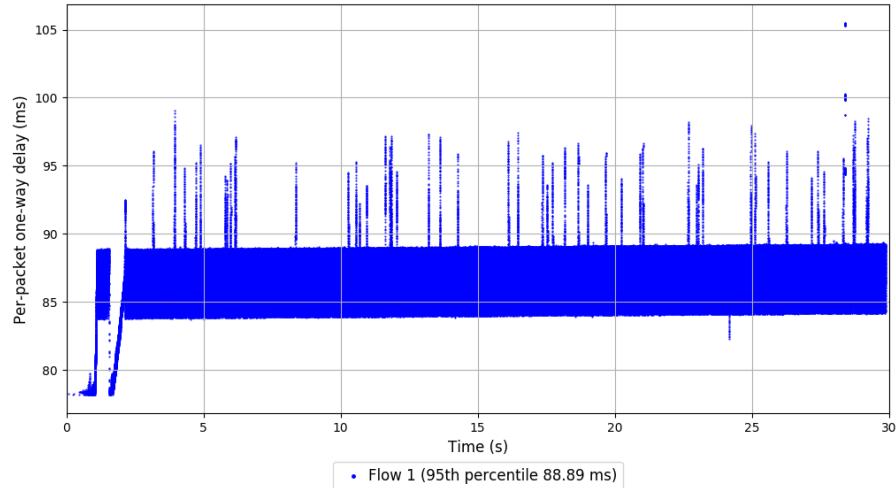
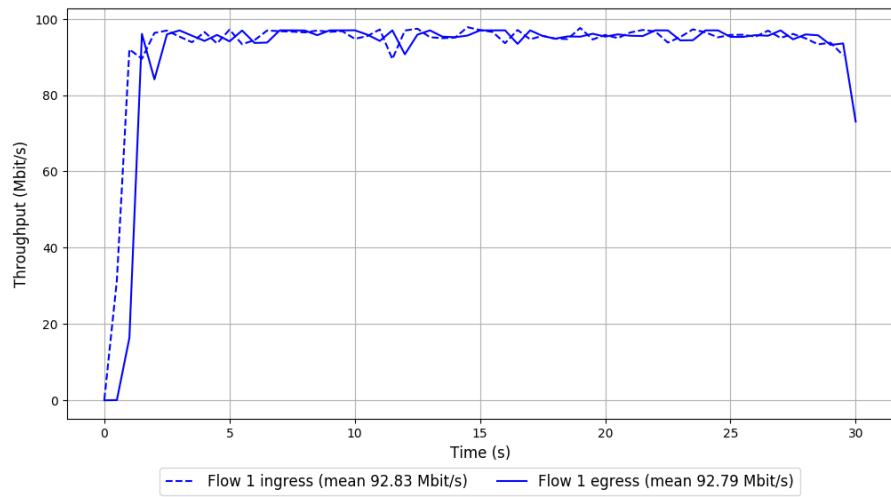


Run 3: Statistics of FillP

```
Start at: 2018-08-01 17:04:37
End at: 2018-08-01 17:05:07
Local clock offset: -7.232 ms
Remote clock offset: 7.918 ms

# Below is generated by plot.py at 2018-08-01 19:44:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 88.885 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 88.885 ms
Loss rate: 0.61%
```

Run 3: Report of FillP — Data Link

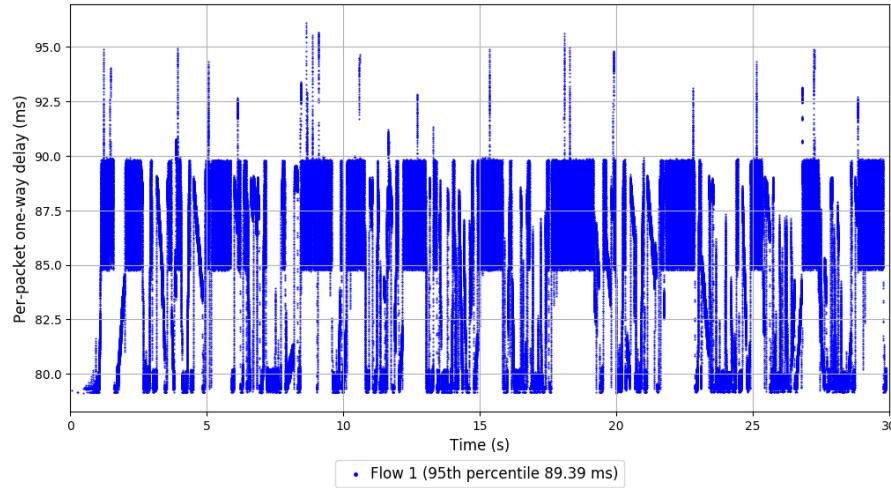
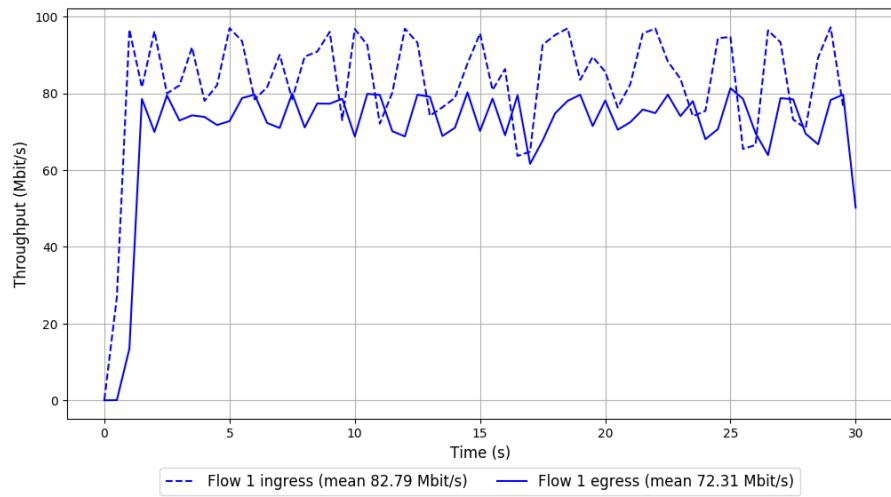


Run 4: Statistics of FillP

```
Start at: 2018-08-01 17:24:33
End at: 2018-08-01 17:25:03
Local clock offset: -7.348 ms
Remote clock offset: 14.576 ms

# Below is generated by plot.py at 2018-08-01 19:44:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.31 Mbit/s
95th percentile per-packet one-way delay: 89.389 ms
Loss rate: 13.14%
-- Flow 1:
Average throughput: 72.31 Mbit/s
95th percentile per-packet one-way delay: 89.389 ms
Loss rate: 13.14%
```

Run 4: Report of FillP — Data Link

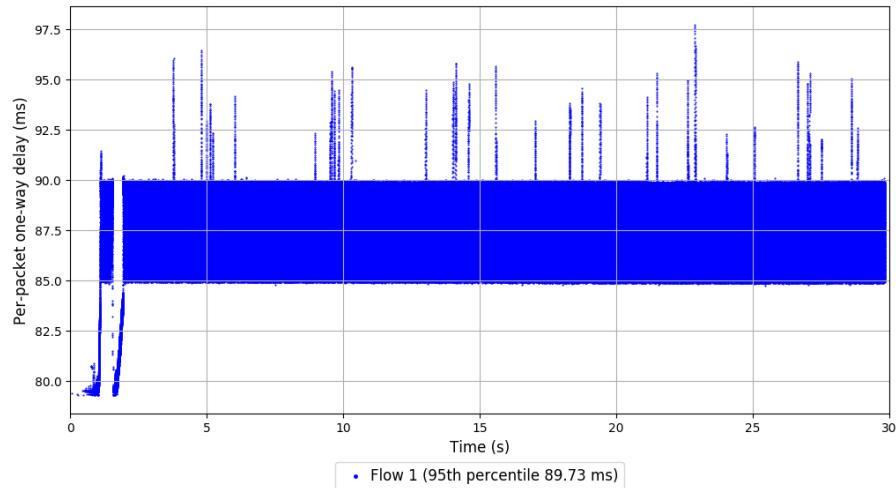
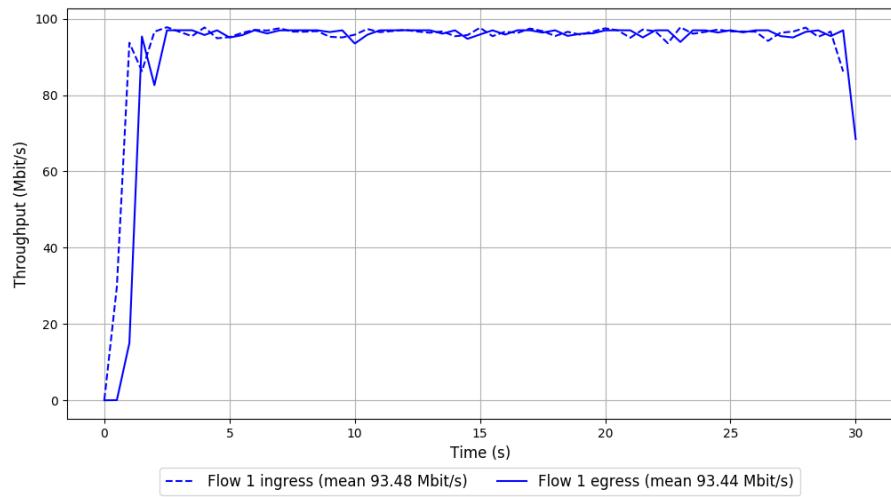


Run 5: Statistics of FillP

```
Start at: 2018-08-01 17:44:39
End at: 2018-08-01 17:45:09
Local clock offset: -6.622 ms
Remote clock offset: 15.764 ms

# Below is generated by plot.py at 2018-08-01 19:45:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.44 Mbit/s
95th percentile per-packet one-way delay: 89.731 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 93.44 Mbit/s
95th percentile per-packet one-way delay: 89.731 ms
Loss rate: 0.61%
```

Run 5: Report of FillP — Data Link

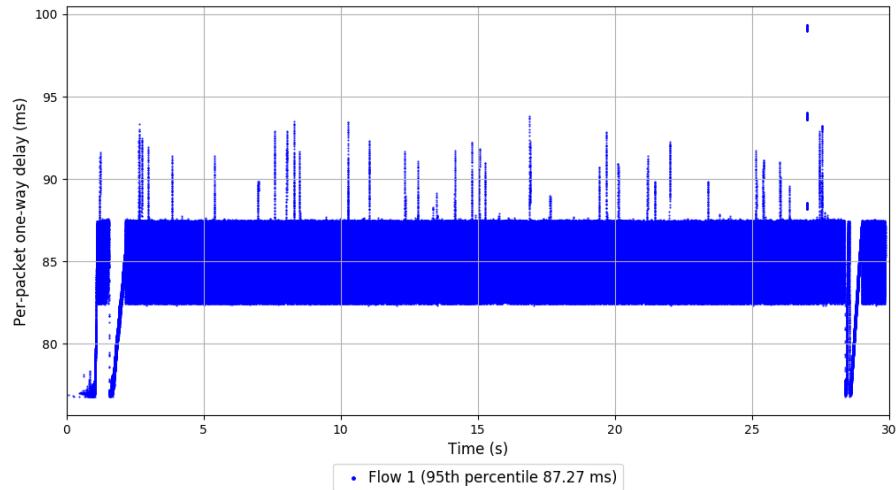
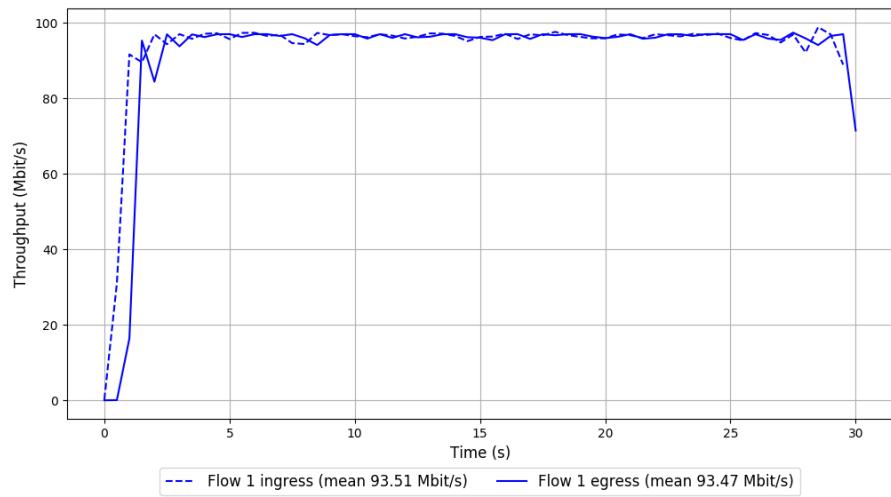


Run 6: Statistics of FillP

```
Start at: 2018-08-01 18:04:41
End at: 2018-08-01 18:05:11
Local clock offset: -6.666 ms
Remote clock offset: 16.071 ms

# Below is generated by plot.py at 2018-08-01 19:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 87.268 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 87.268 ms
Loss rate: 0.61%
```

Run 6: Report of FillP — Data Link

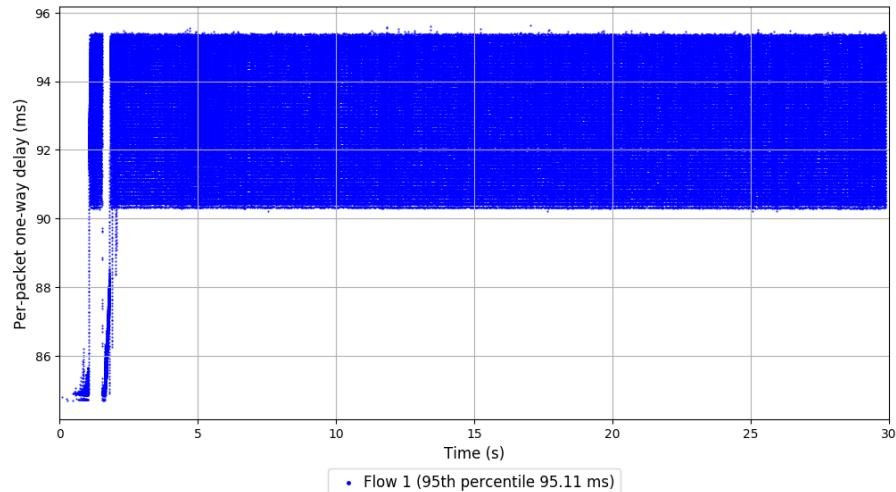
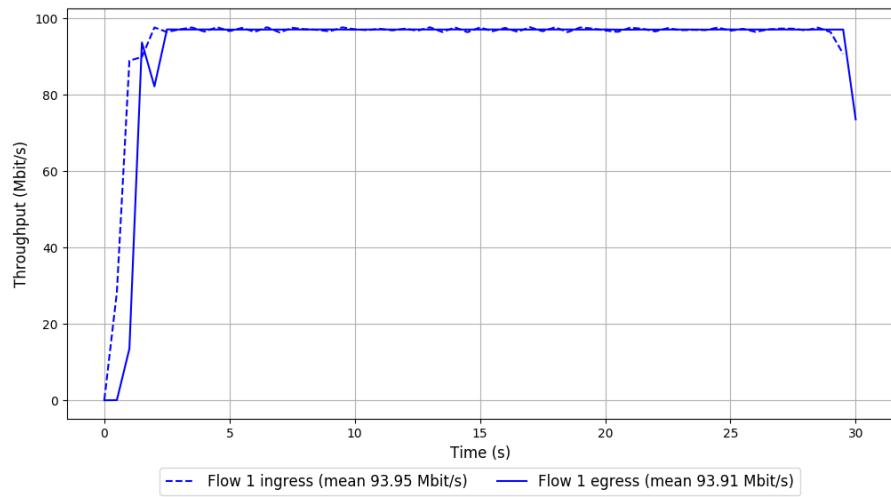


Run 7: Statistics of FillP

```
Start at: 2018-08-01 18:24:47
End at: 2018-08-01 18:25:17
Local clock offset: -6.75 ms
Remote clock offset: 9.279 ms

# Below is generated by plot.py at 2018-08-01 19:45:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.91 Mbit/s
95th percentile per-packet one-way delay: 95.105 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 93.91 Mbit/s
95th percentile per-packet one-way delay: 95.105 ms
Loss rate: 0.62%
```

Run 7: Report of FillP — Data Link

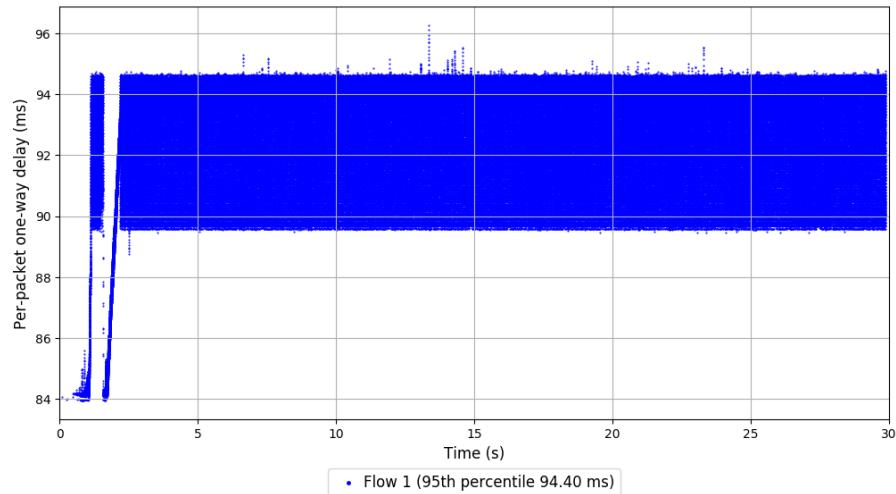
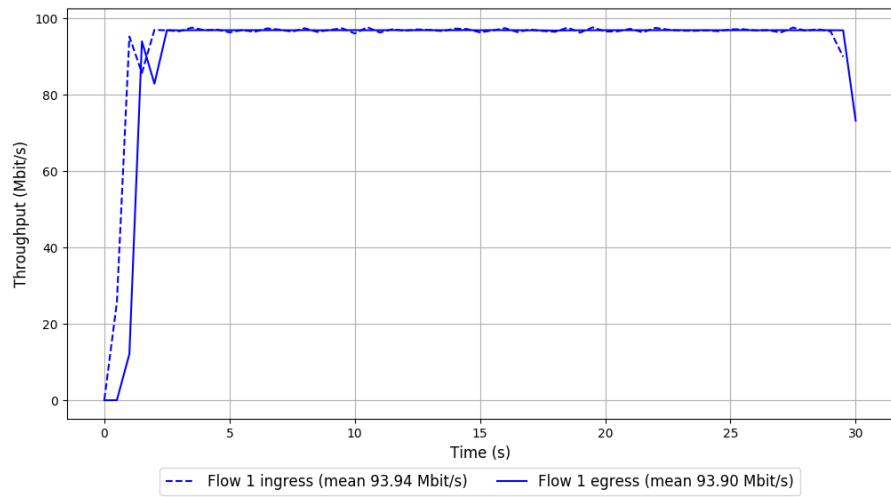


Run 8: Statistics of FillP

```
Start at: 2018-08-01 18:44:42
End at: 2018-08-01 18:45:12
Local clock offset: -6.689 ms
Remote clock offset: 10.154 ms

# Below is generated by plot.py at 2018-08-01 19:45:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 94.401 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 94.401 ms
Loss rate: 0.62%
```

Run 8: Report of FillP — Data Link

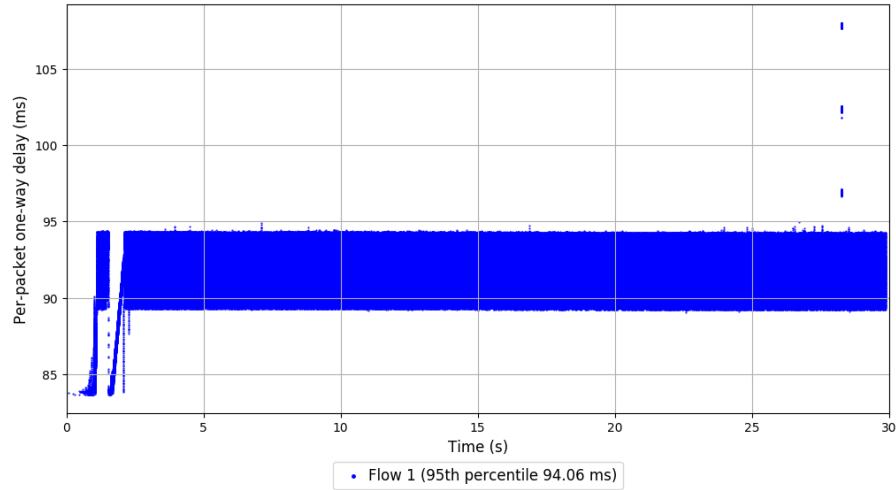
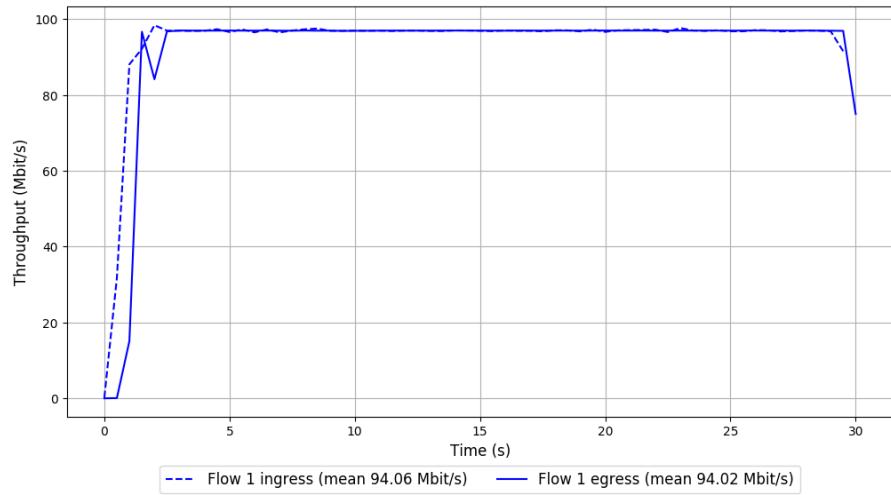


Run 9: Statistics of FillP

```
Start at: 2018-08-01 19:04:38
End at: 2018-08-01 19:05:08
Local clock offset: -6.64 ms
Remote clock offset: 3.513 ms

# Below is generated by plot.py at 2018-08-01 19:45:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.02 Mbit/s
95th percentile per-packet one-way delay: 94.059 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 94.02 Mbit/s
95th percentile per-packet one-way delay: 94.059 ms
Loss rate: 0.61%
```

Run 9: Report of FillP — Data Link



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

```
Start at: 2018-08-01 19:24:36
```

```
End at: 2018-08-01 19:25:06
```

```
Local clock offset: -6.492 ms
```

```
Remote clock offset: 10.21 ms
```

```
# Below is generated by plot.py at 2018-08-01 19:46:06
```

```
# Datalink statistics
```

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

```
Average throughput: 94.01 Mbit/s
```

```
95th percentile per-packet one-way delay: 87.160 ms
```

```
Loss rate: 0.61%
```

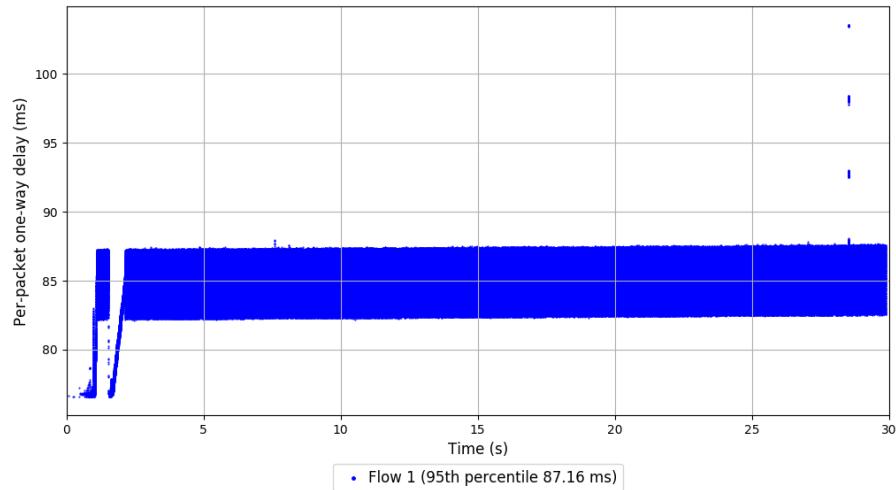
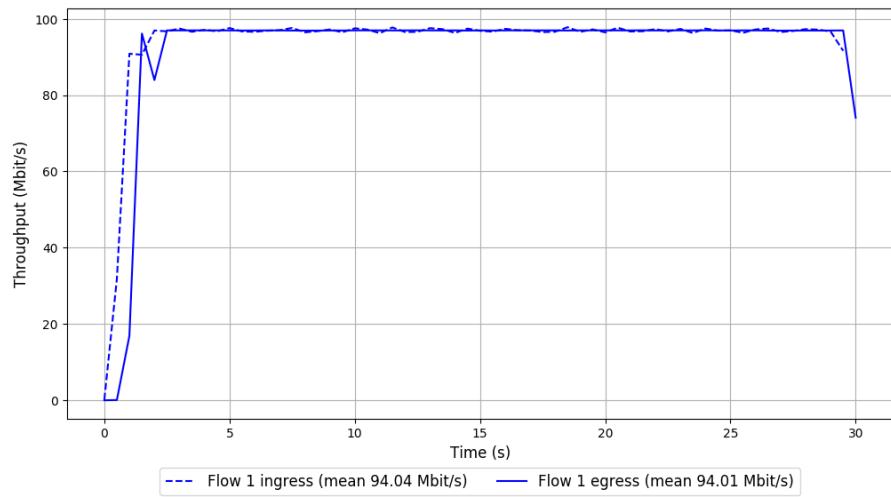
```
-- Flow 1:
```

```
Average throughput: 94.01 Mbit/s
```

```
95th percentile per-packet one-way delay: 87.160 ms
```

```
Loss rate: 0.61%
```

Run 10: Report of FillP — Data Link

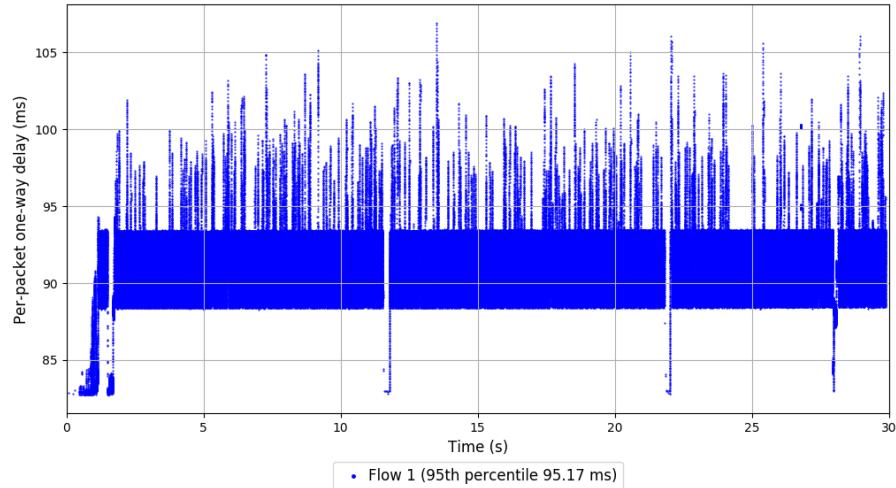
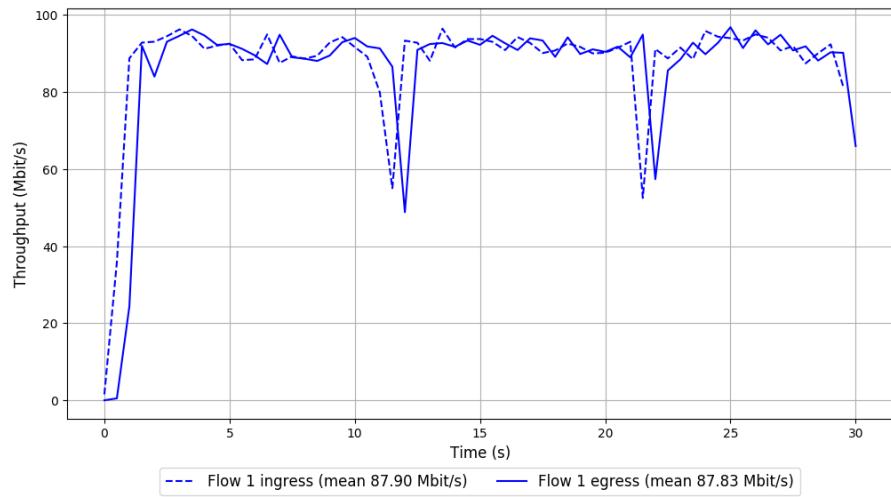


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2018-08-01 16:21:16
End at: 2018-08-01 16:21:47
Local clock offset: -9.302 ms
Remote clock offset: 3.739 ms

# Below is generated by plot.py at 2018-08-01 19:46:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 95.175 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 95.175 ms
Loss rate: 0.64%
```

Run 1: Report of FillP-Sheep — Data Link

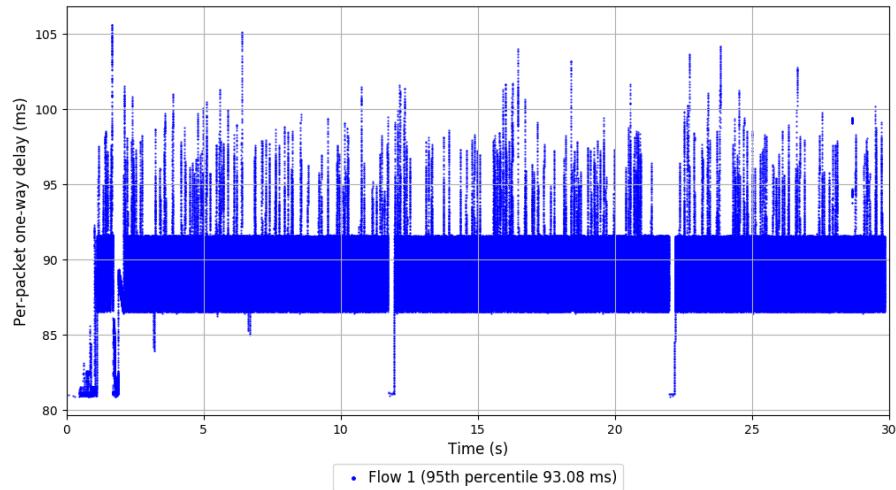
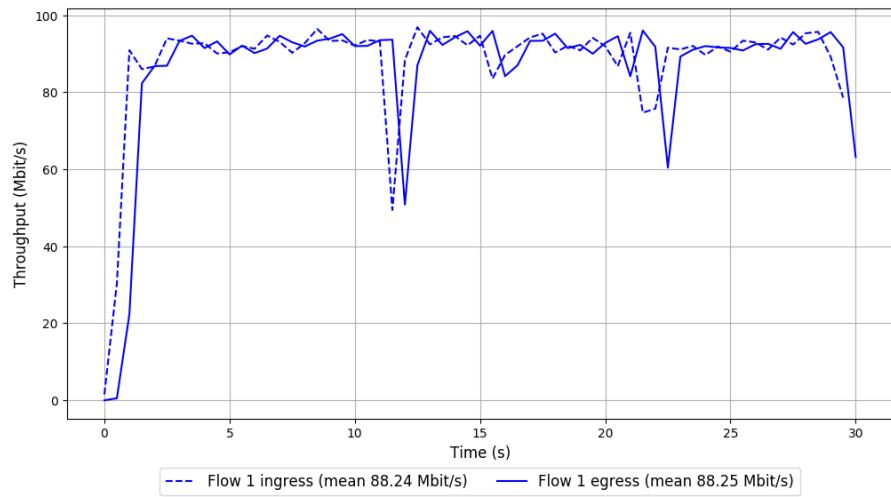


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-08-01 16:41:09
End at: 2018-08-01 16:41:39
Local clock offset: -7.272 ms
Remote clock offset: 6.836 ms

# Below is generated by plot.py at 2018-08-01 19:46:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.25 Mbit/s
95th percentile per-packet one-way delay: 93.083 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 88.25 Mbit/s
95th percentile per-packet one-way delay: 93.083 ms
Loss rate: 0.57%
```

Run 2: Report of FillP-Sheep — Data Link

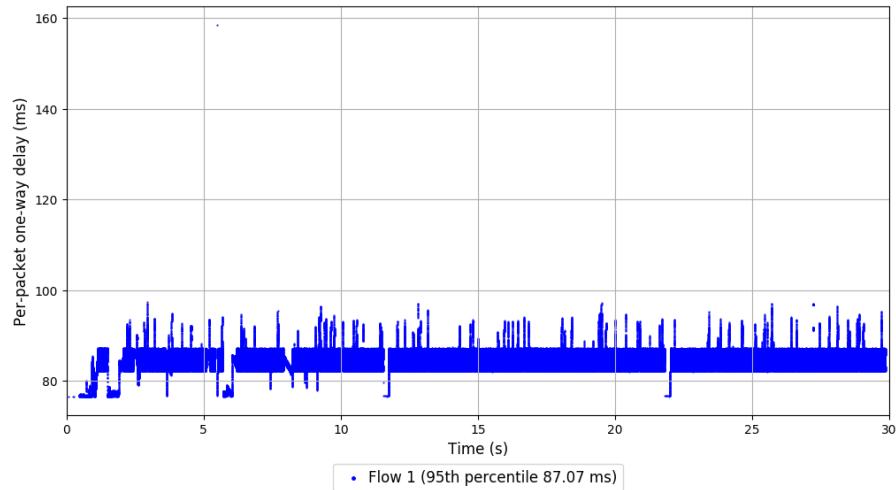
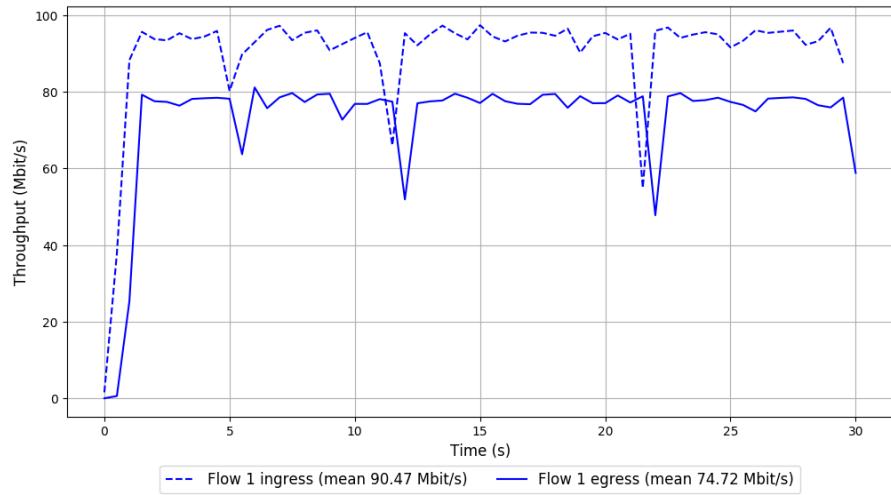


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-08-01 17:01:03
End at: 2018-08-01 17:01:34
Local clock offset: -7.271 ms
Remote clock offset: 8.671 ms

# Below is generated by plot.py at 2018-08-01 19:46:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.72 Mbit/s
95th percentile per-packet one-way delay: 87.068 ms
Loss rate: 17.90%
-- Flow 1:
Average throughput: 74.72 Mbit/s
95th percentile per-packet one-way delay: 87.068 ms
Loss rate: 17.90%
```

Run 3: Report of FillP-Sheep — Data Link

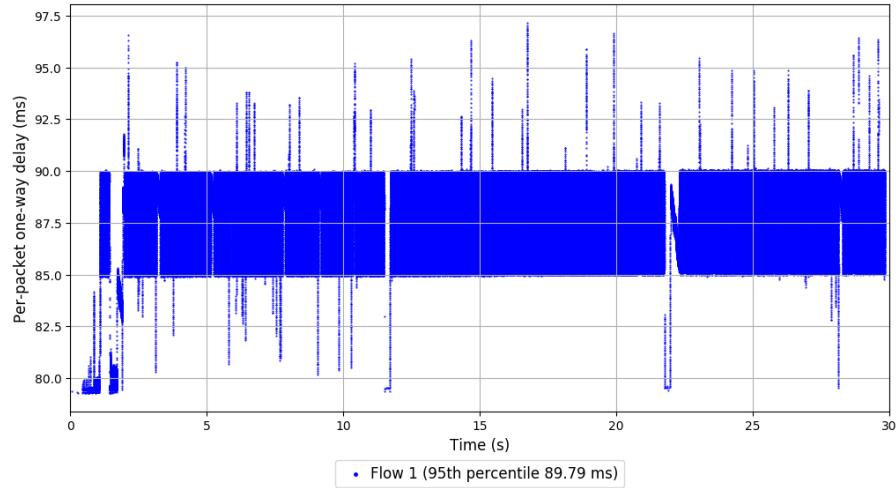
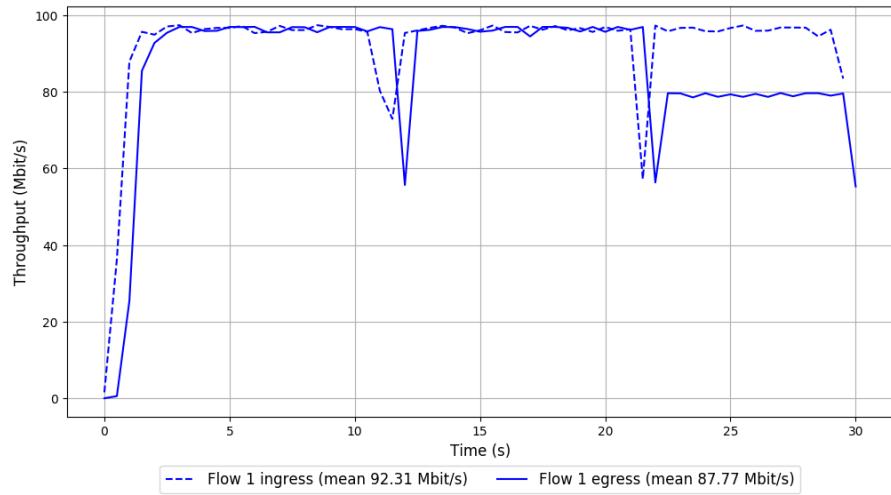


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-08-01 17:20:59
End at: 2018-08-01 17:21:29
Local clock offset: -7.584 ms
Remote clock offset: 13.879 ms

# Below is generated by plot.py at 2018-08-01 19:46:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 89.791 ms
Loss rate: 5.46%
-- Flow 1:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 89.791 ms
Loss rate: 5.46%
```

Run 4: Report of FillP-Sheep — Data Link

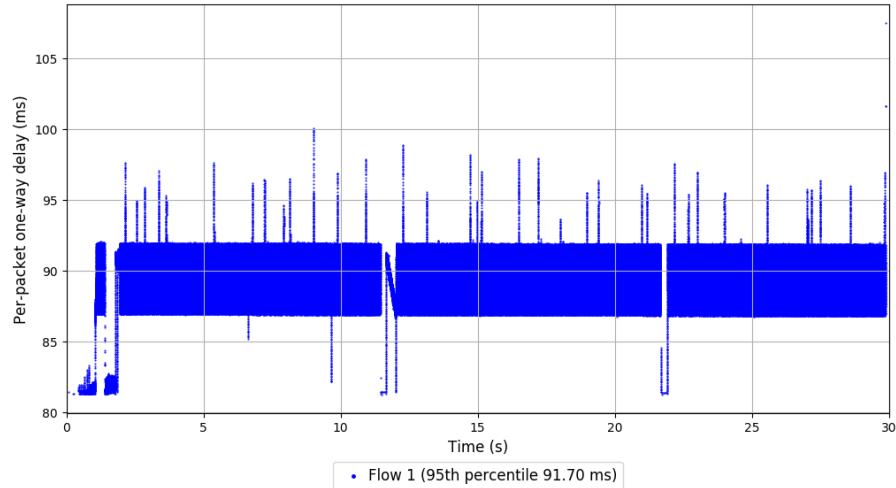
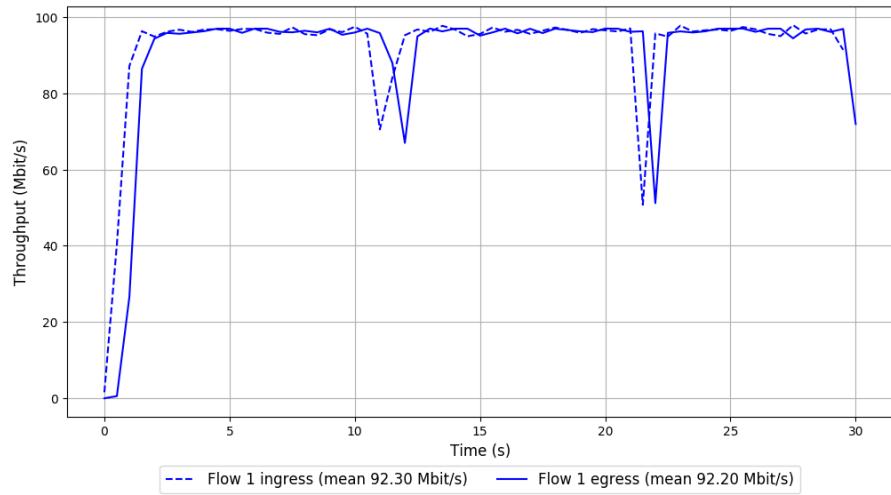


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-08-01 17:41:05
End at: 2018-08-01 17:41:35
Local clock offset: -6.615 ms
Remote clock offset: 12.783 ms

# Below is generated by plot.py at 2018-08-01 19:46:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.20 Mbit/s
95th percentile per-packet one-way delay: 91.698 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 92.20 Mbit/s
95th percentile per-packet one-way delay: 91.698 ms
Loss rate: 0.66%
```

Run 5: Report of FillP-Sheep — Data Link

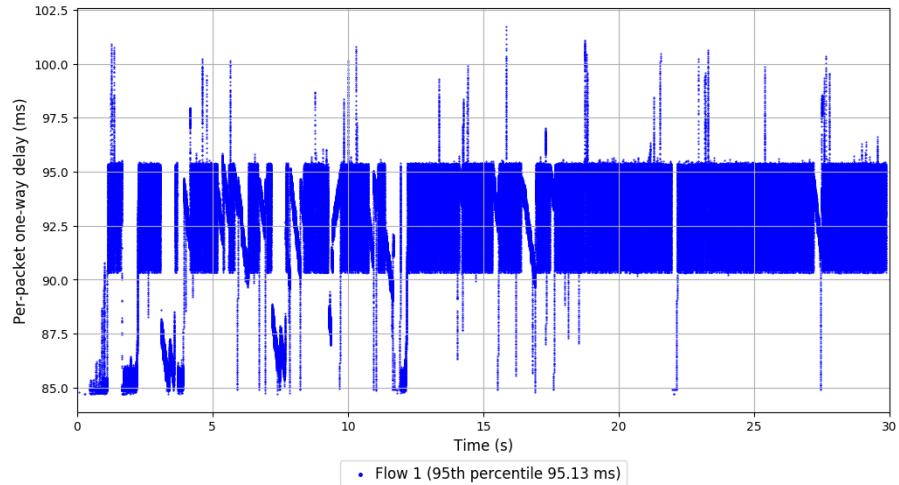
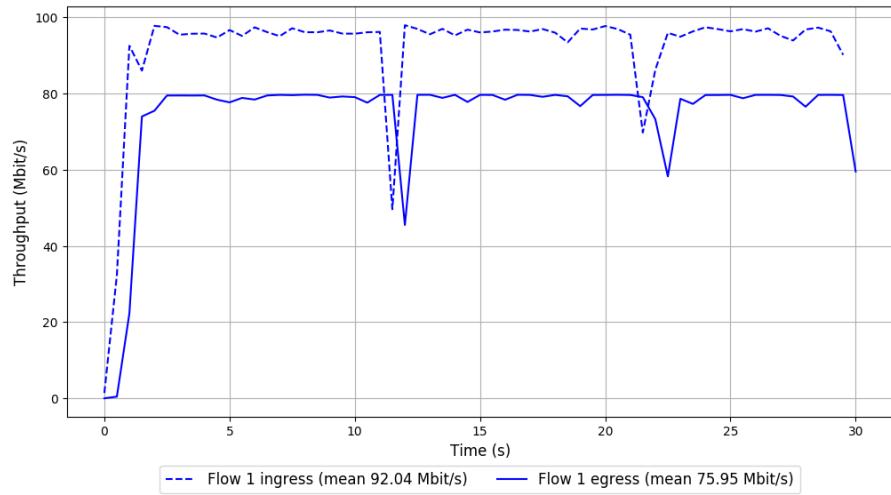


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-08-01 18:00:58
End at: 2018-08-01 18:01:28
Local clock offset: -6.65 ms
Remote clock offset: 10.055 ms

# Below is generated by plot.py at 2018-08-01 19:46:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.95 Mbit/s
95th percentile per-packet one-way delay: 95.133 ms
Loss rate: 17.95%
-- Flow 1:
Average throughput: 75.95 Mbit/s
95th percentile per-packet one-way delay: 95.133 ms
Loss rate: 17.95%
```

Run 6: Report of FillP-Sheep — Data Link

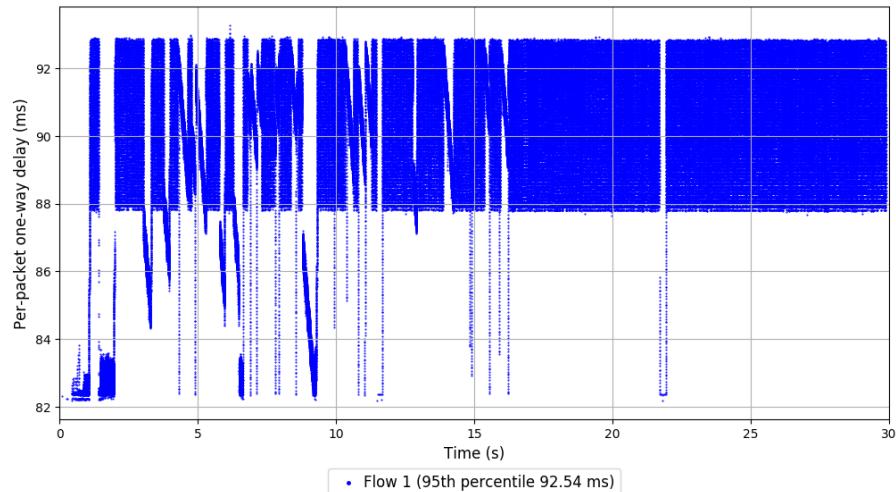
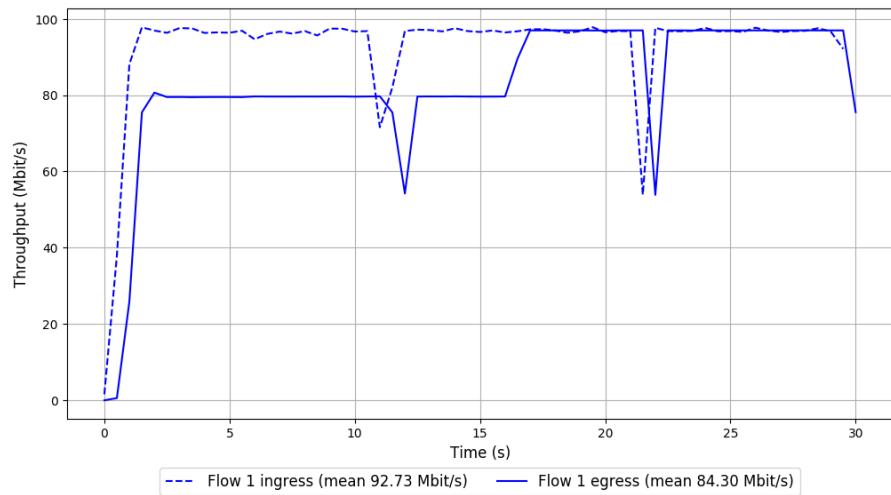


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-08-01 18:21:12
End at: 2018-08-01 18:21:42
Local clock offset: -6.809 ms
Remote clock offset: 9.49 ms

# Below is generated by plot.py at 2018-08-01 19:47:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.30 Mbit/s
95th percentile per-packet one-way delay: 92.536 ms
Loss rate: 9.61%
-- Flow 1:
Average throughput: 84.30 Mbit/s
95th percentile per-packet one-way delay: 92.536 ms
Loss rate: 9.61%
```

Run 7: Report of FillP-Sheep — Data Link

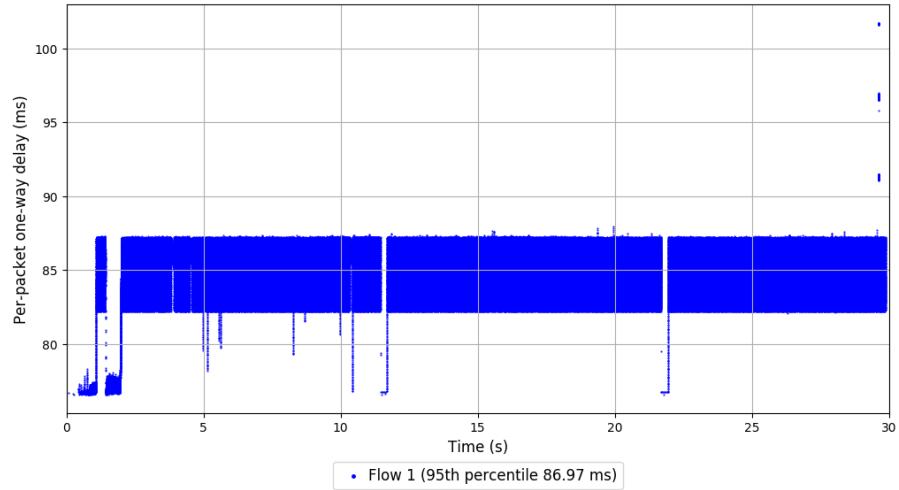
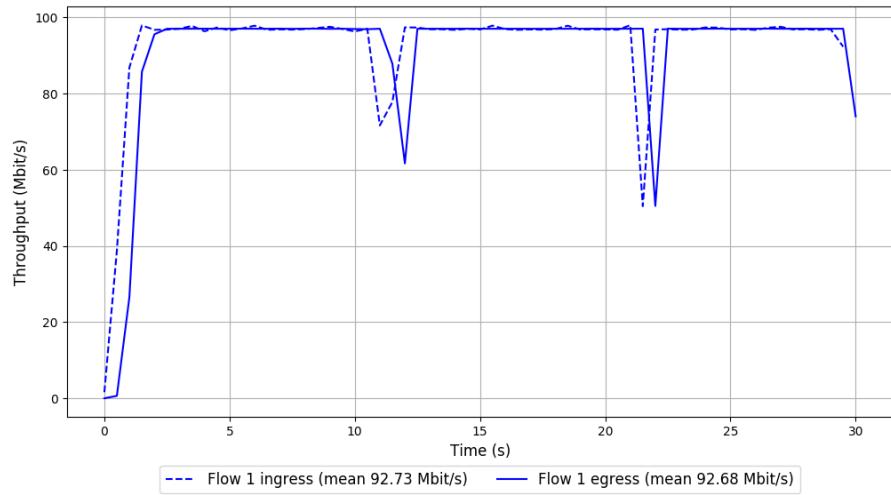


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-08-01 18:41:07
End at: 2018-08-01 18:41:37
Local clock offset: -6.678 ms
Remote clock offset: 15.044 ms

# Below is generated by plot.py at 2018-08-01 19:47:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 86.968 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 86.968 ms
Loss rate: 0.62%
```

Run 8: Report of FillP-Sheep — Data Link

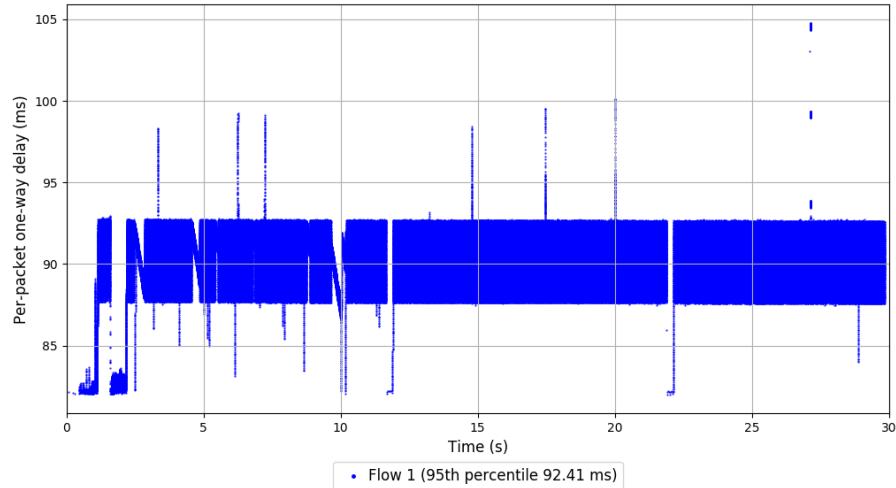
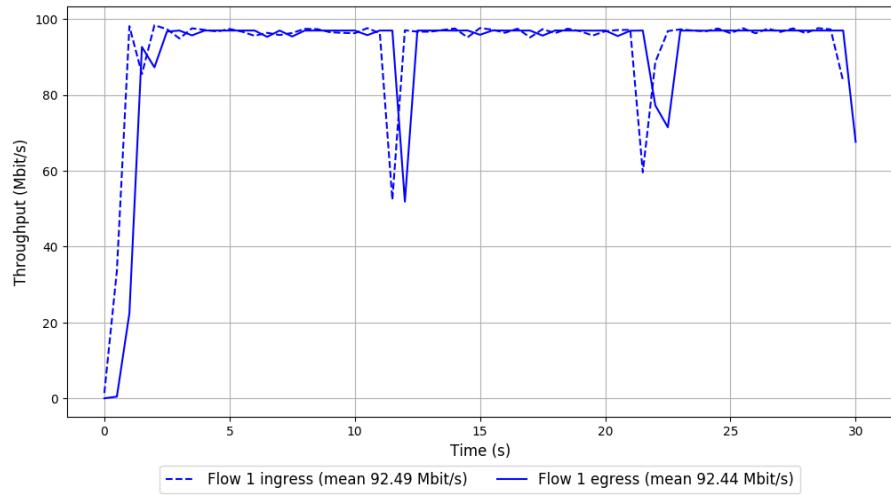


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-08-01 19:01:04
End at: 2018-08-01 19:01:34
Local clock offset: -6.7 ms
Remote clock offset: 3.178 ms

# Below is generated by plot.py at 2018-08-01 19:47:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.44 Mbit/s
95th percentile per-packet one-way delay: 92.411 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 92.44 Mbit/s
95th percentile per-packet one-way delay: 92.411 ms
Loss rate: 0.62%
```

Run 9: Report of FillP-Sheep — Data Link

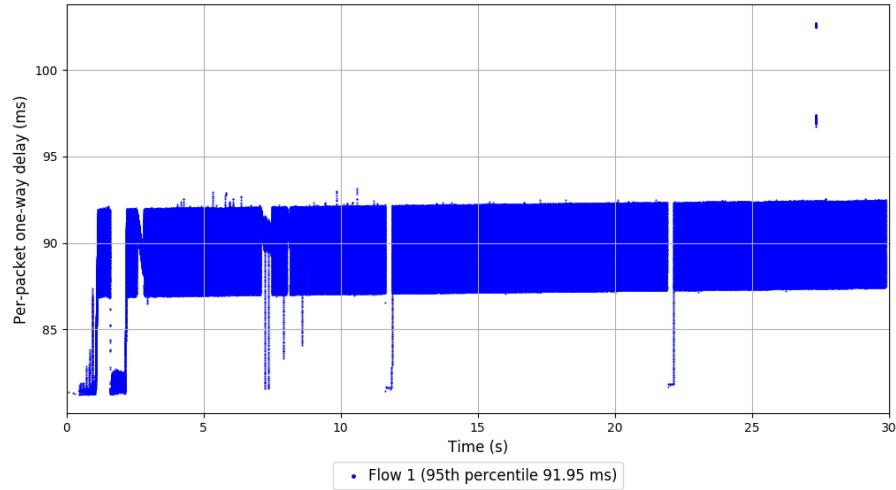
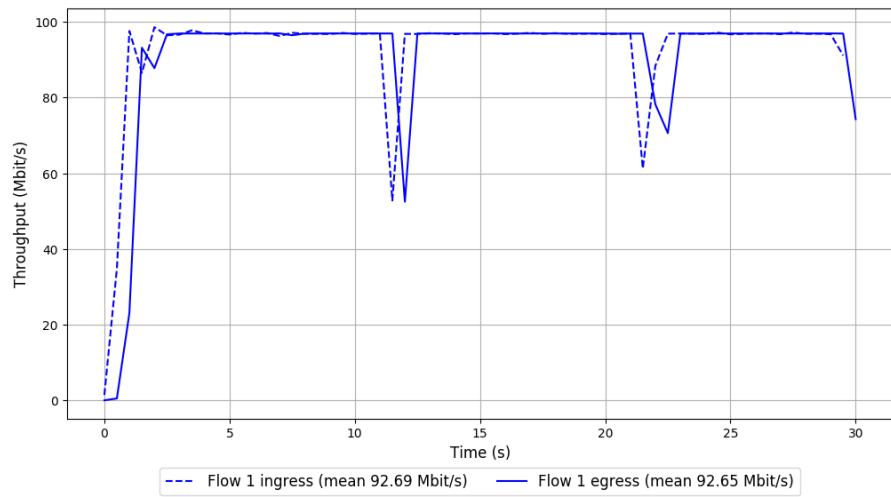


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-08-01 19:21:02
End at: 2018-08-01 19:21:32
Local clock offset: -6.649 ms
Remote clock offset: 4.647 ms

# Below is generated by plot.py at 2018-08-01 19:47:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 91.946 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 91.946 ms
Loss rate: 0.62%
```

Run 10: Report of FillP-Sheep — Data Link

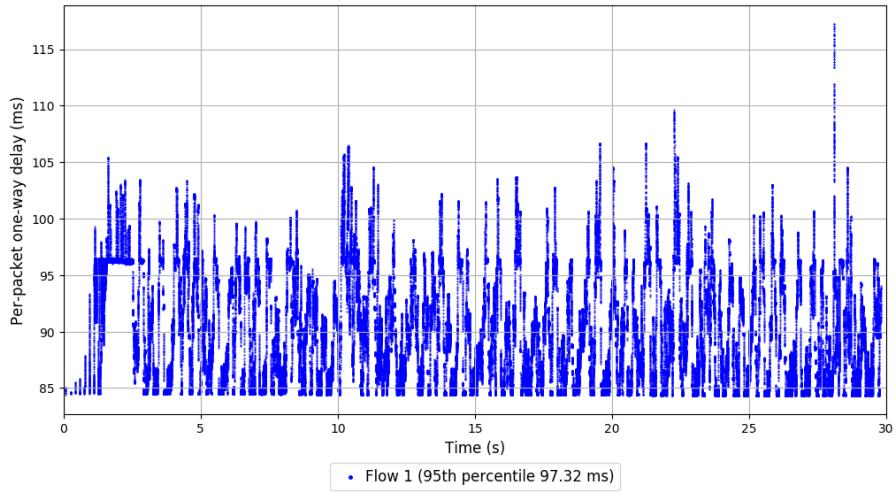
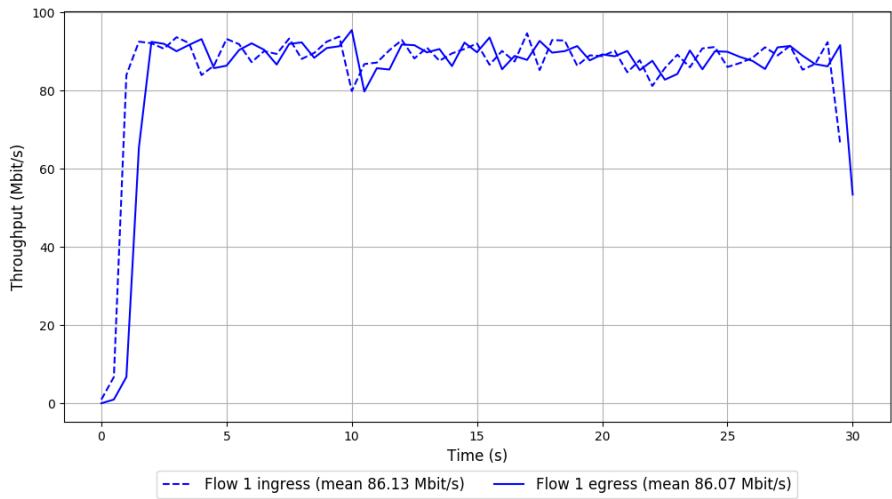


Run 1: Statistics of Indigo

```
Start at: 2018-08-01 16:22:27
End at: 2018-08-01 16:22:57
Local clock offset: -9.46 ms
Remote clock offset: 3.707 ms

# Below is generated by plot.py at 2018-08-01 19:47:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 97.317 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 97.317 ms
Loss rate: 0.65%
```

Run 1: Report of Indigo — Data Link

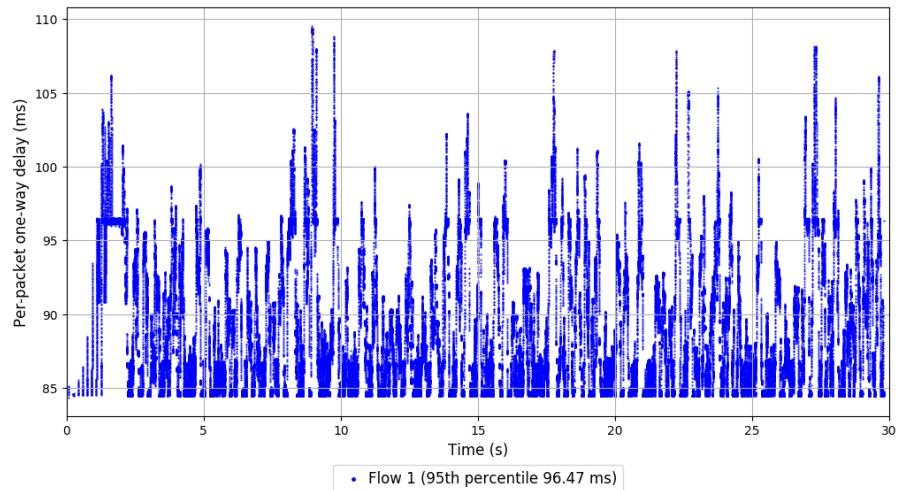
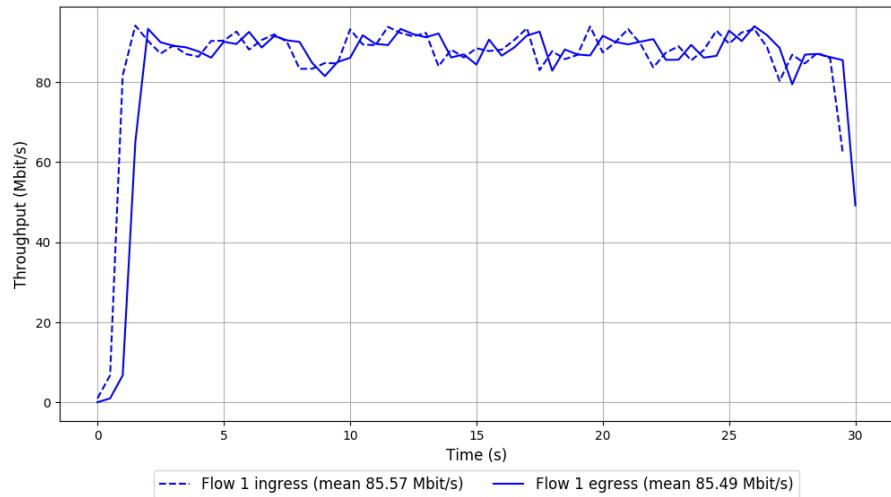


Run 2: Statistics of Indigo

```
Start at: 2018-08-01 16:42:19
End at: 2018-08-01 16:42:49
Local clock offset: -7.208 ms
Remote clock offset: 2.993 ms

# Below is generated by plot.py at 2018-08-01 19:47:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.49 Mbit/s
95th percentile per-packet one-way delay: 96.465 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 85.49 Mbit/s
95th percentile per-packet one-way delay: 96.465 ms
Loss rate: 0.61%
```

Run 2: Report of Indigo — Data Link

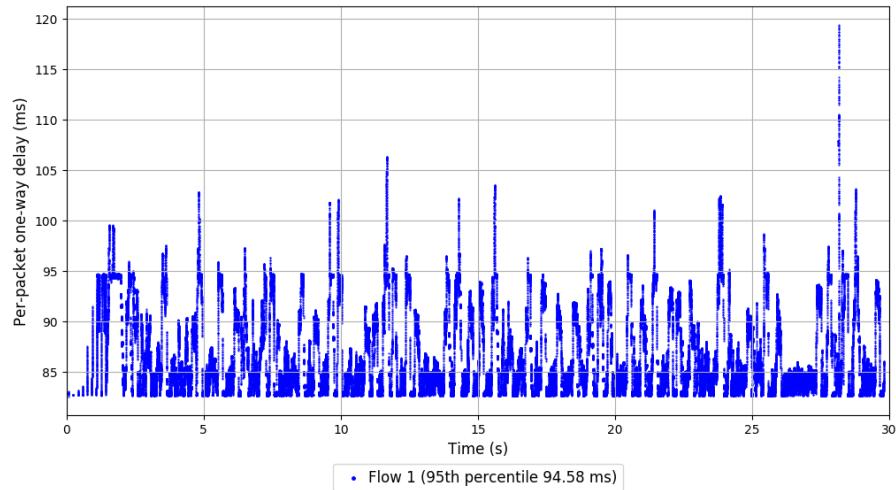
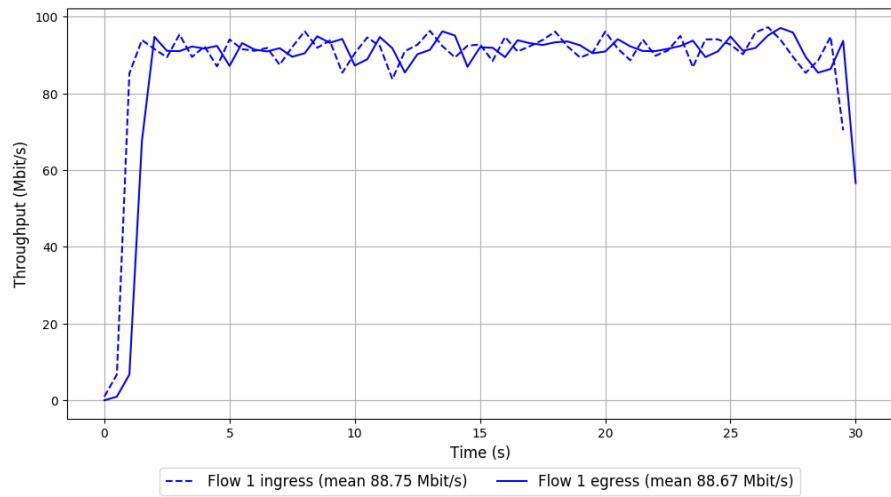


Run 3: Statistics of Indigo

```
Start at: 2018-08-01 17:02:14
End at: 2018-08-01 17:02:44
Local clock offset: -7.26 ms
Remote clock offset: 2.668 ms

# Below is generated by plot.py at 2018-08-01 19:47:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.67 Mbit/s
95th percentile per-packet one-way delay: 94.585 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 88.67 Mbit/s
95th percentile per-packet one-way delay: 94.585 ms
Loss rate: 0.63%
```

Run 3: Report of Indigo — Data Link

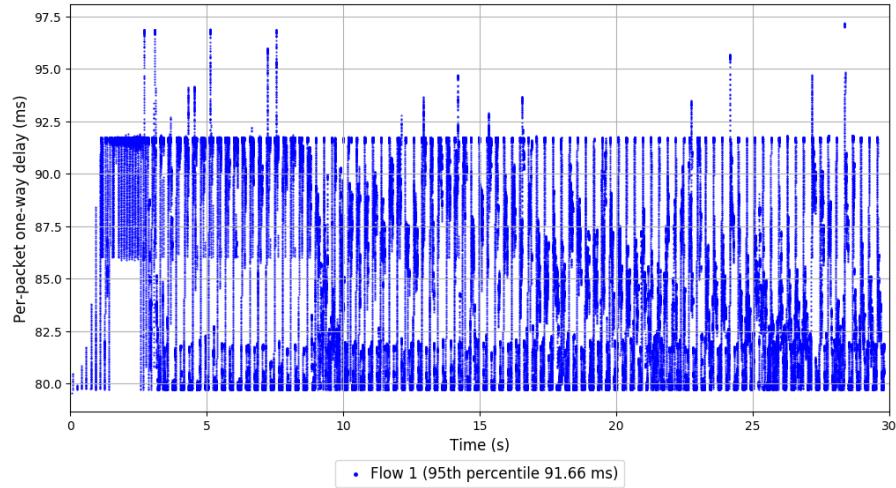
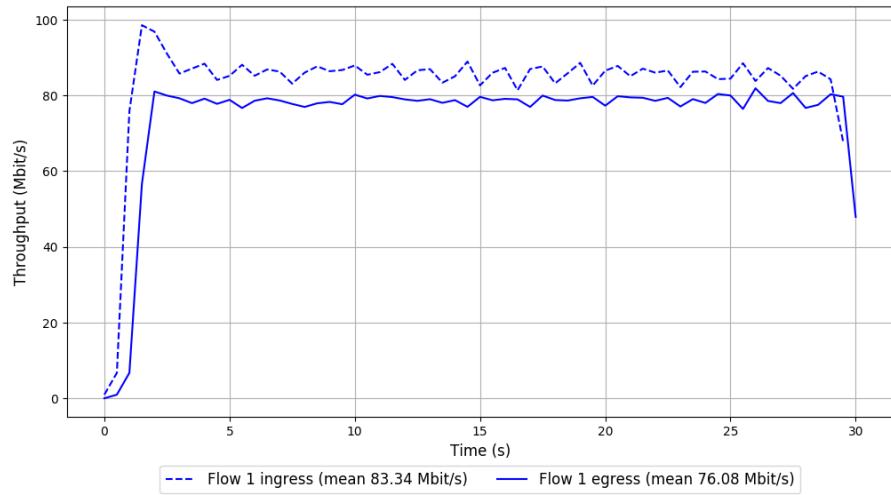


Run 4: Statistics of Indigo

```
Start at: 2018-08-01 17:22:10
End at: 2018-08-01 17:22:40
Local clock offset: -7.601 ms
Remote clock offset: 15.232 ms

# Below is generated by plot.py at 2018-08-01 19:47:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.08 Mbit/s
95th percentile per-packet one-way delay: 91.664 ms
Loss rate: 9.22%
-- Flow 1:
Average throughput: 76.08 Mbit/s
95th percentile per-packet one-way delay: 91.664 ms
Loss rate: 9.22%
```

Run 4: Report of Indigo — Data Link

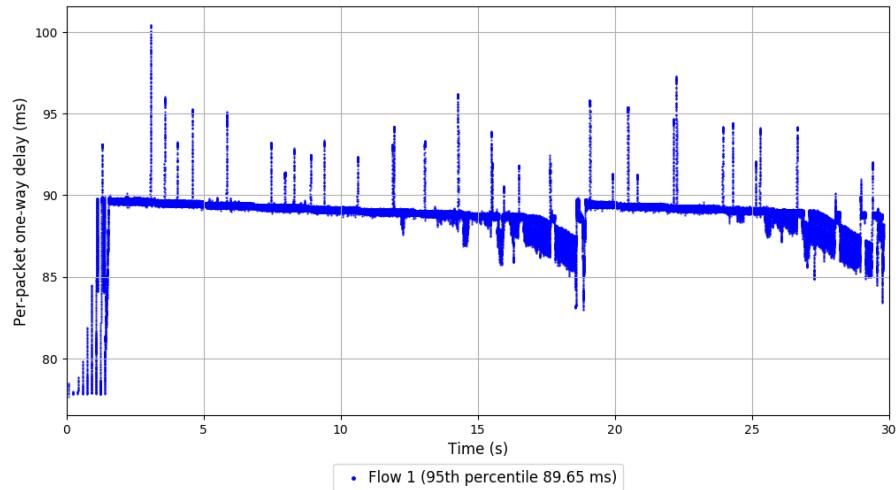
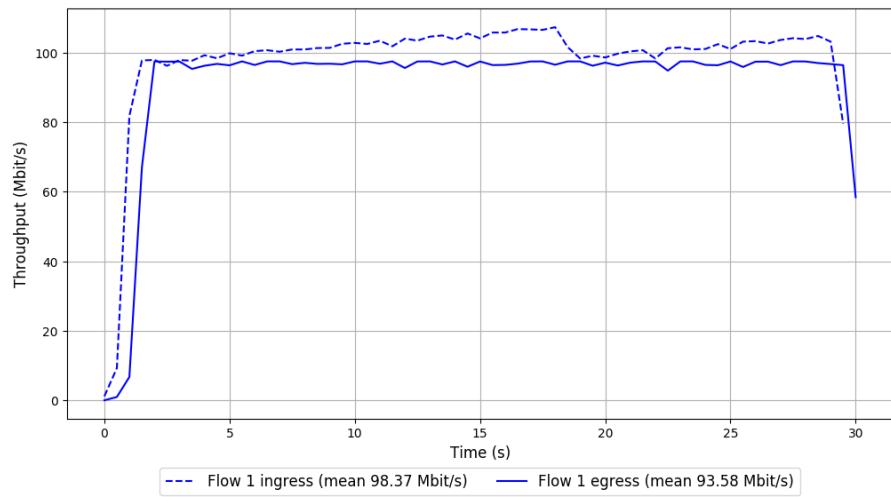


Run 5: Statistics of Indigo

```
Start at: 2018-08-01 17:42:15
End at: 2018-08-01 17:42:45
Local clock offset: -6.603 ms
Remote clock offset: 16.19 ms

# Below is generated by plot.py at 2018-08-01 19:48:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 89.649 ms
Loss rate: 5.40%
-- Flow 1:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 89.649 ms
Loss rate: 5.40%
```

Run 5: Report of Indigo — Data Link

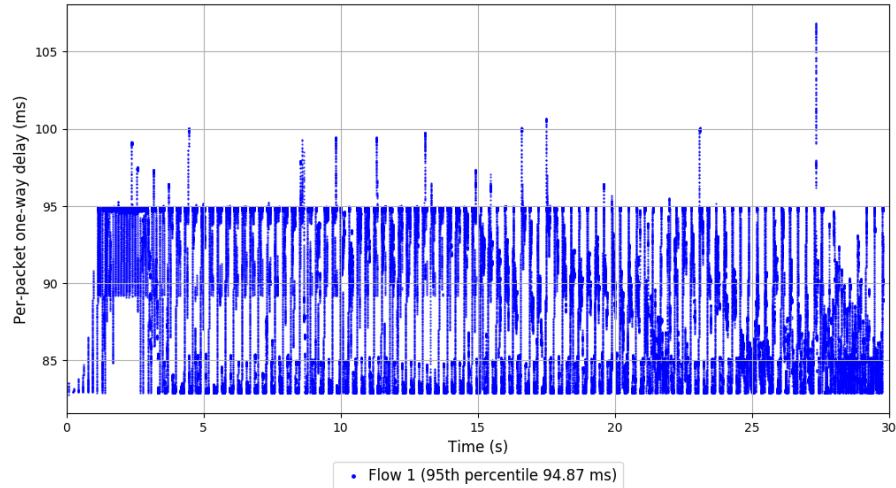
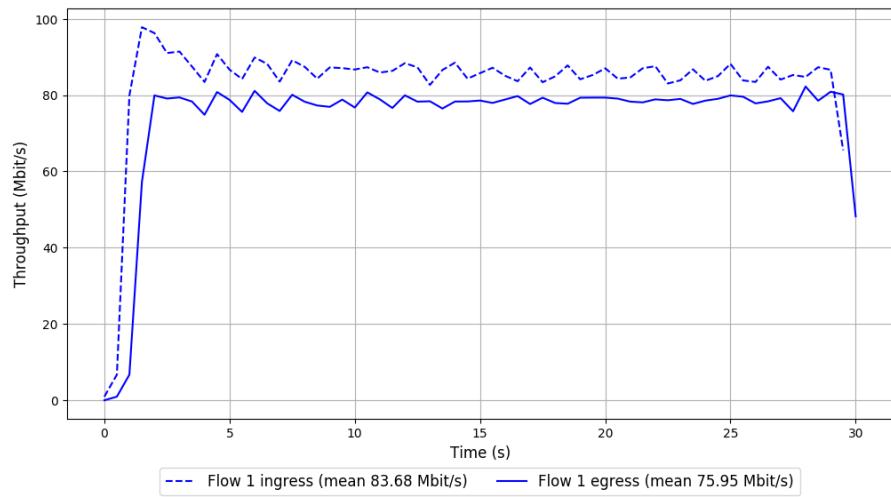


Run 6: Statistics of Indigo

```
Start at: 2018-08-01 18:02:18
End at: 2018-08-01 18:02:48
Local clock offset: -6.705 ms
Remote clock offset: 9.957 ms

# Below is generated by plot.py at 2018-08-01 19:48:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.95 Mbit/s
95th percentile per-packet one-way delay: 94.873 ms
Loss rate: 9.74%
-- Flow 1:
Average throughput: 75.95 Mbit/s
95th percentile per-packet one-way delay: 94.873 ms
Loss rate: 9.74%
```

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-08-01 18:22:23

End at: 2018-08-01 18:22:53

Local clock offset: -6.816 ms

Remote clock offset: 10.425 ms

Below is generated by plot.py at 2018-08-01 19:48:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.89 Mbit/s

95th percentile per-packet one-way delay: 91.839 ms

Loss rate: 0.29%

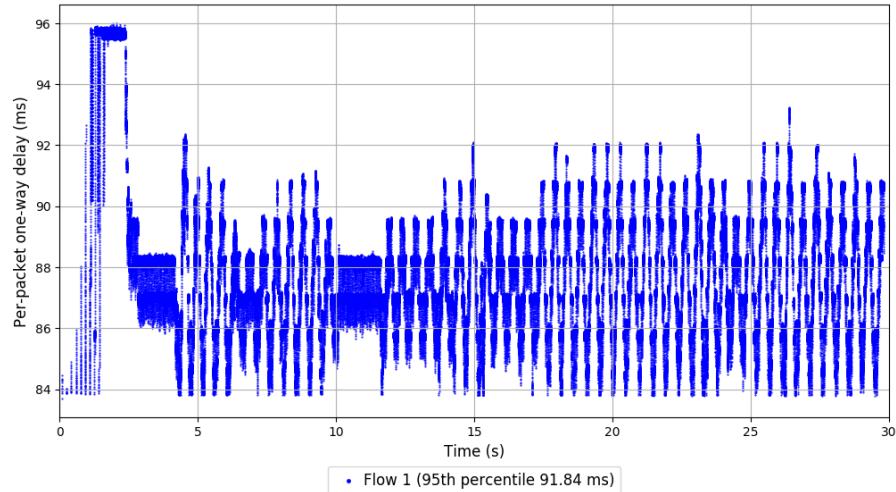
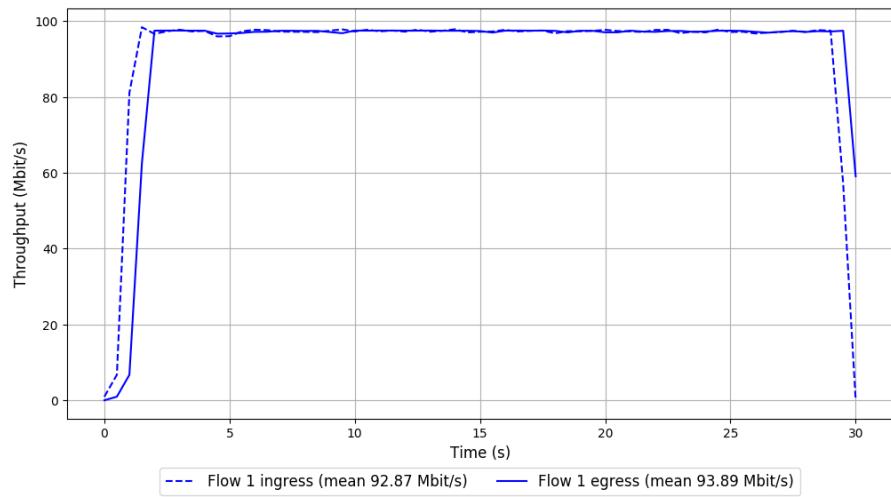
-- Flow 1:

Average throughput: 93.89 Mbit/s

95th percentile per-packet one-way delay: 91.839 ms

Loss rate: 0.29%

Run 7: Report of Indigo — Data Link

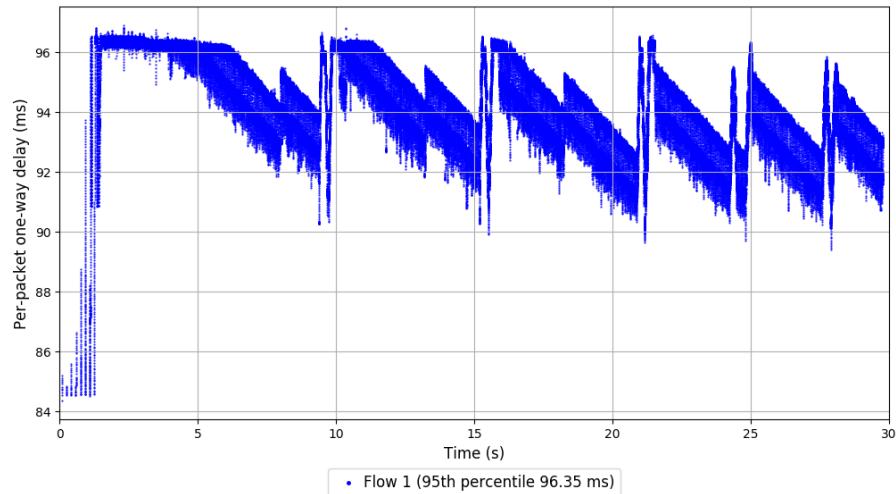
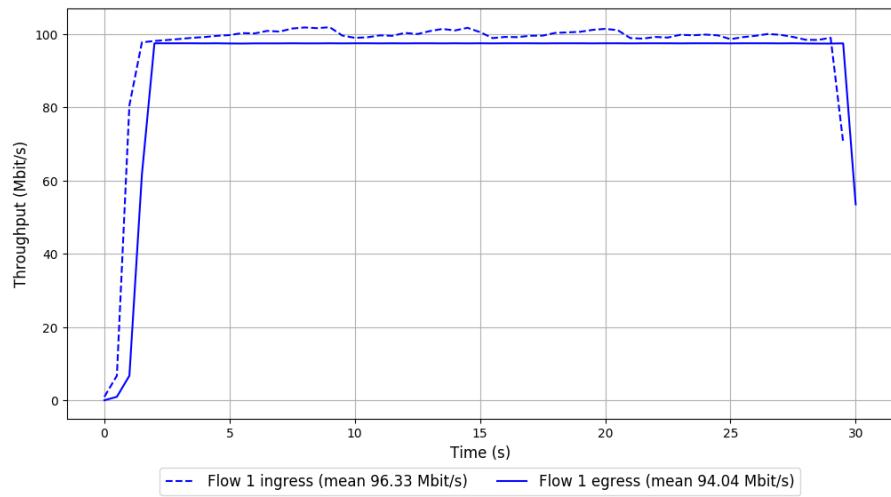


Run 8: Statistics of Indigo

```
Start at: 2018-08-01 18:42:18
End at: 2018-08-01 18:42:48
Local clock offset: -6.67 ms
Remote clock offset: 9.109 ms

# Below is generated by plot.py at 2018-08-01 19:48:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.04 Mbit/s
95th percentile per-packet one-way delay: 96.351 ms
Loss rate: 2.92%
-- Flow 1:
Average throughput: 94.04 Mbit/s
95th percentile per-packet one-way delay: 96.351 ms
Loss rate: 2.92%
```

Run 8: Report of Indigo — Data Link

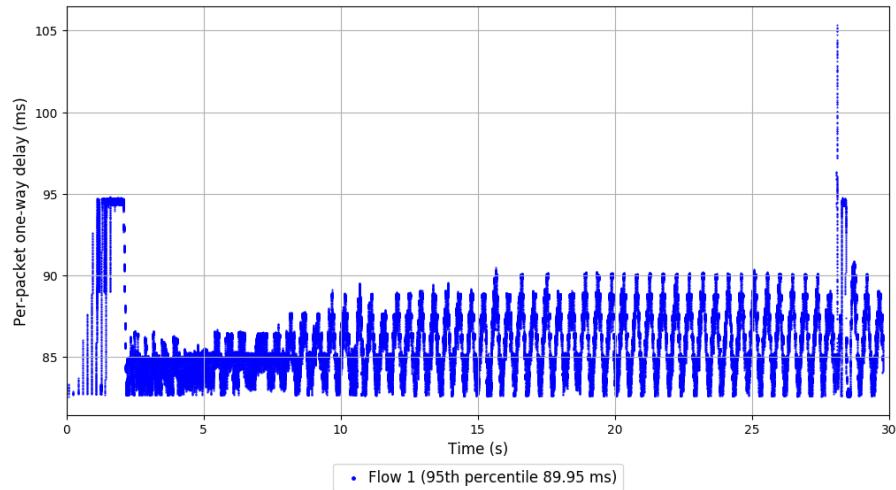
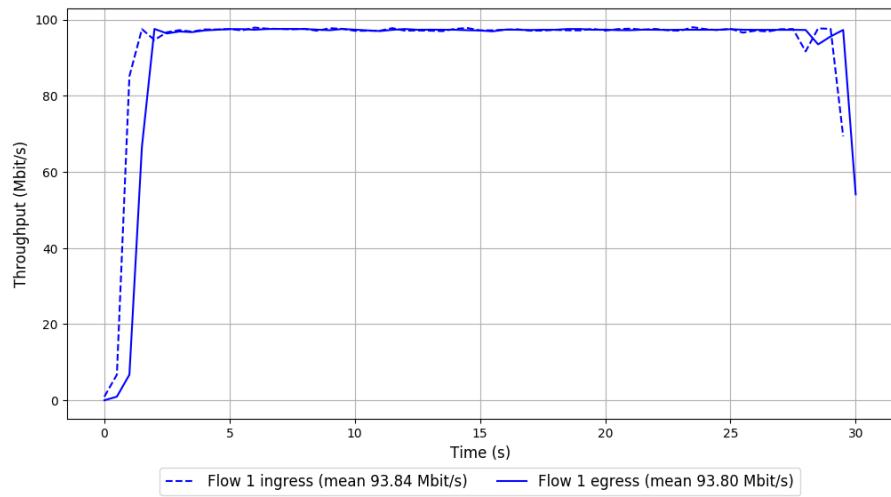


Run 9: Statistics of Indigo

```
Start at: 2018-08-01 19:02:15
End at: 2018-08-01 19:02:45
Local clock offset: -6.642 ms
Remote clock offset: 2.901 ms

# Below is generated by plot.py at 2018-08-01 19:48:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 89.951 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 89.951 ms
Loss rate: 0.58%
```

Run 9: Report of Indigo — Data Link

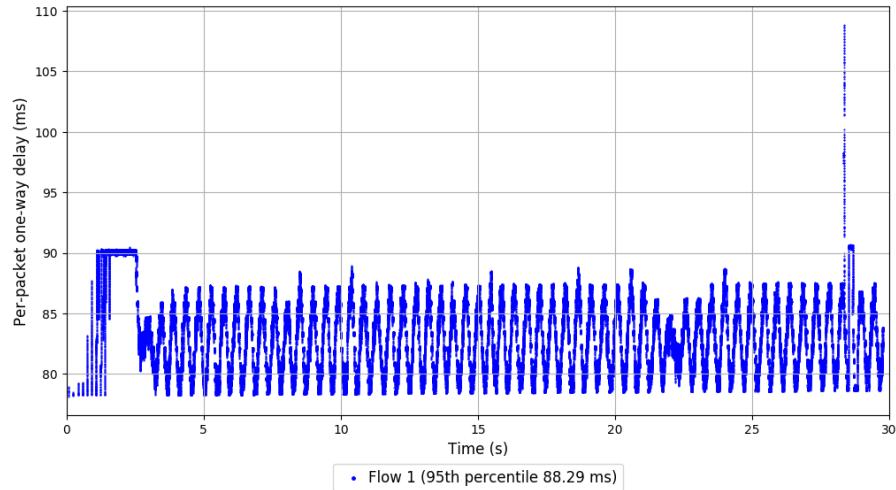
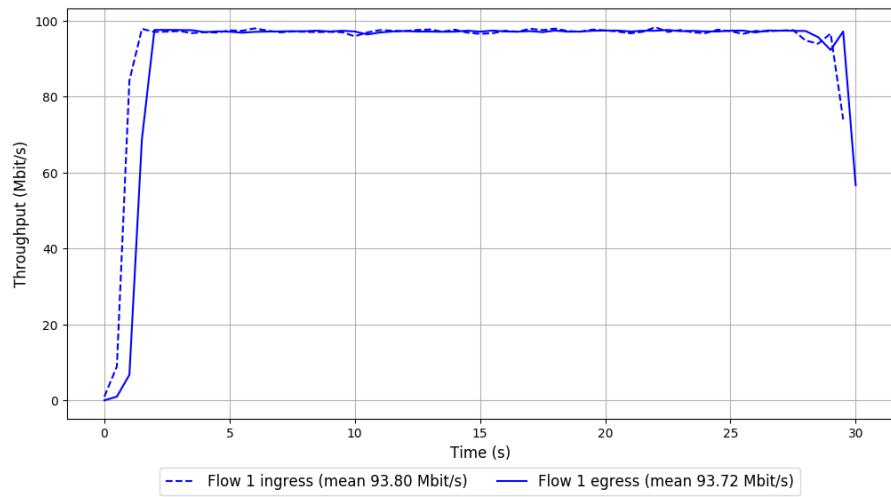


Run 10: Statistics of Indigo

```
Start at: 2018-08-01 19:22:13
End at: 2018-08-01 19:22:43
Local clock offset: -6.727 ms
Remote clock offset: 6.9 ms

# Below is generated by plot.py at 2018-08-01 19:48:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 88.294 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 88.294 ms
Loss rate: 0.62%
```

Run 10: Report of Indigo — Data Link

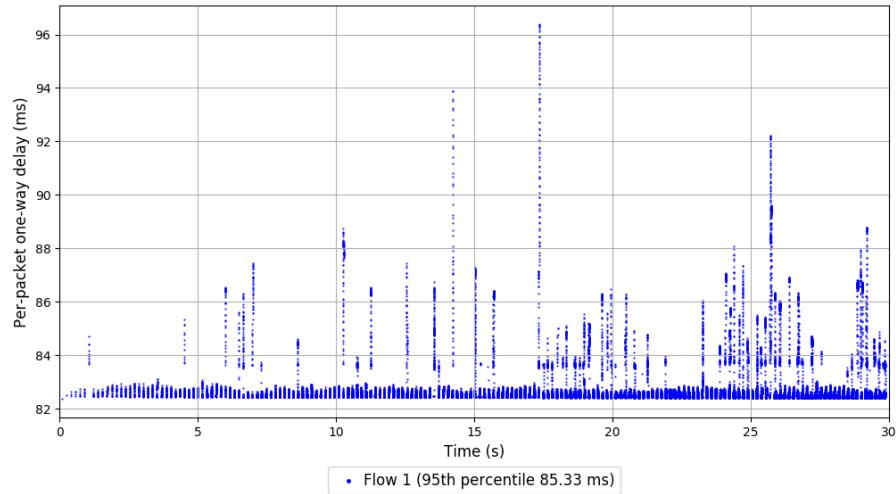
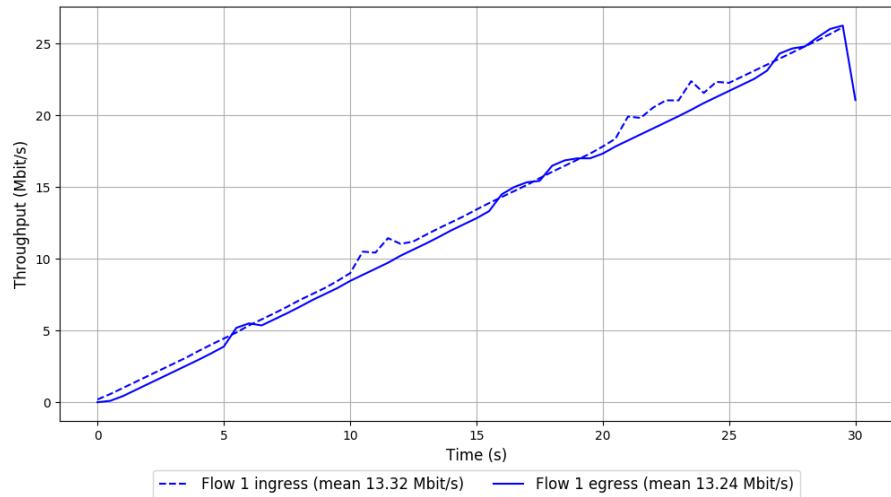


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2018-08-01 16:36:34
End at: 2018-08-01 16:37:04
Local clock offset: -7.288 ms
Remote clock offset: 3.318 ms

# Below is generated by plot.py at 2018-08-01 19:48:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 85.333 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 85.333 ms
Loss rate: 1.10%
```

Run 1: Report of LEDBAT — Data Link

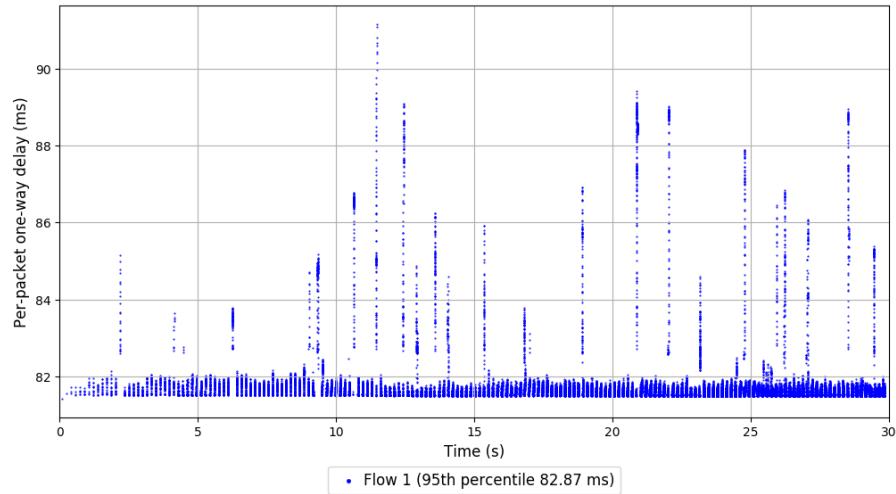
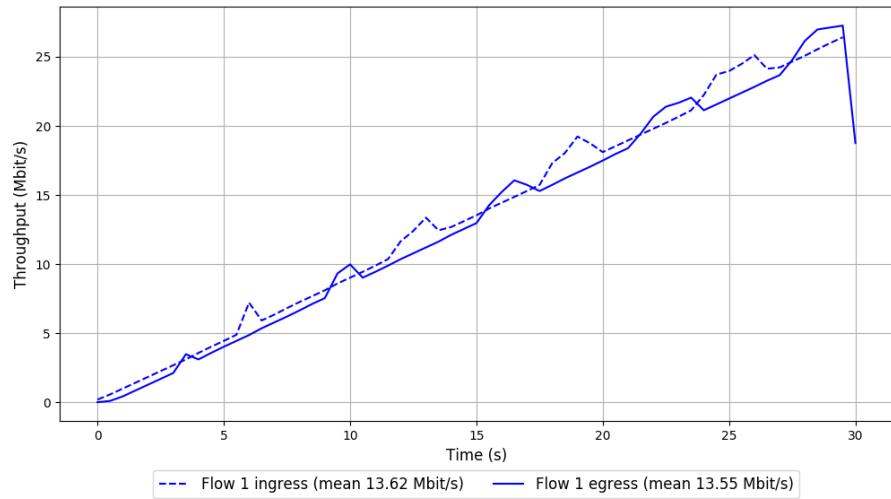


Run 2: Statistics of LEDBAT

```
Start at: 2018-08-01 16:56:29
End at: 2018-08-01 16:56:59
Local clock offset: -7.259 ms
Remote clock offset: 3.95 ms

# Below is generated by plot.py at 2018-08-01 19:48:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.55 Mbit/s
95th percentile per-packet one-way delay: 82.872 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 13.55 Mbit/s
95th percentile per-packet one-way delay: 82.872 ms
Loss rate: 1.09%
```

Run 2: Report of LEDBAT — Data Link

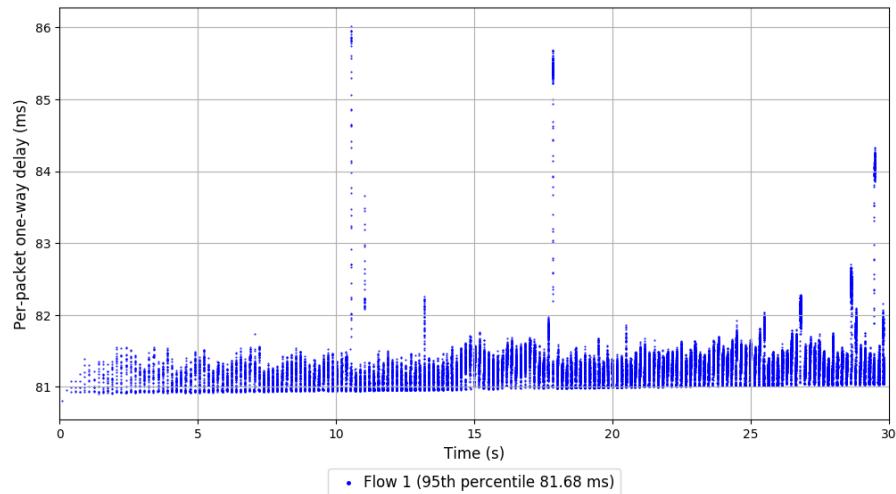
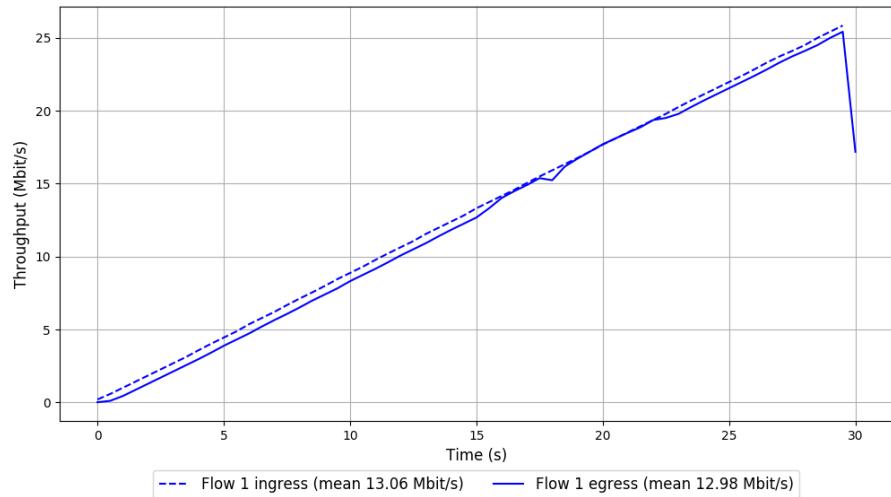


Run 3: Statistics of LEDBAT

```
Start at: 2018-08-01 17:16:24
End at: 2018-08-01 17:16:54
Local clock offset: -7.519 ms
Remote clock offset: 12.827 ms

# Below is generated by plot.py at 2018-08-01 19:48:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.98 Mbit/s
95th percentile per-packet one-way delay: 81.678 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.98 Mbit/s
95th percentile per-packet one-way delay: 81.678 ms
Loss rate: 1.11%
```

Run 3: Report of LEDBAT — Data Link

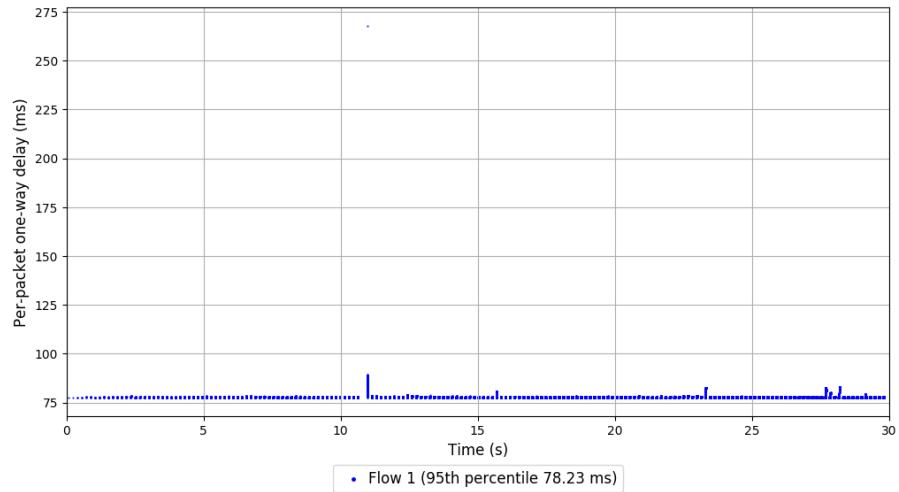
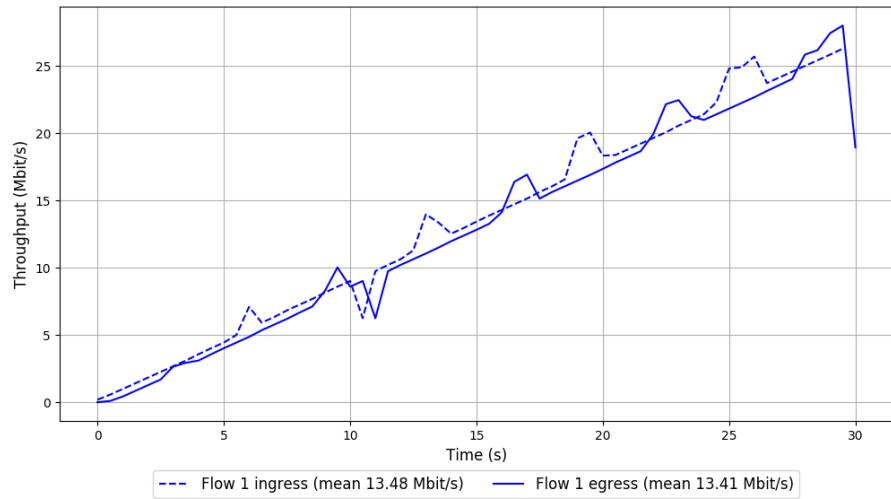


Run 4: Statistics of LEDBAT

```
Start at: 2018-08-01 17:36:30
End at: 2018-08-01 17:37:00
Local clock offset: -6.735 ms
Remote clock offset: 17.274 ms

# Below is generated by plot.py at 2018-08-01 19:48:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 78.233 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 78.233 ms
Loss rate: 1.09%
```

Run 4: Report of LEDBAT — Data Link

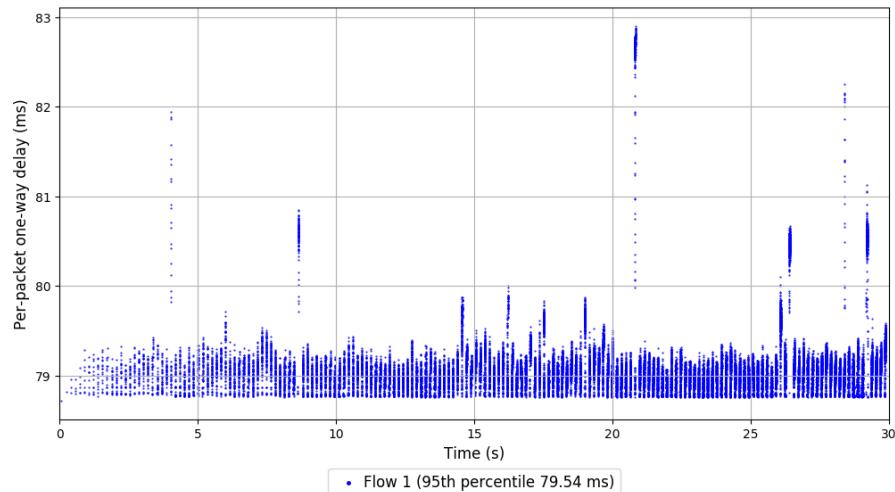
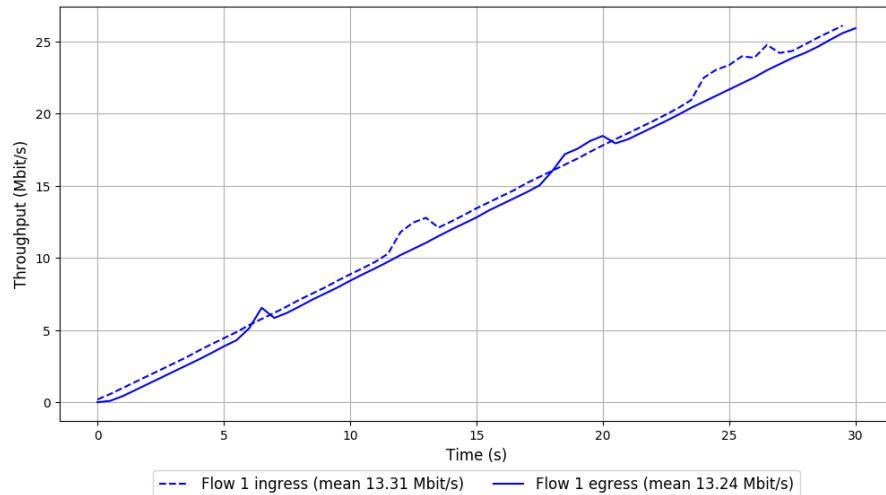


Run 5: Statistics of LEDBAT

```
Start at: 2018-08-01 17:56:24
End at: 2018-08-01 17:56:54
Local clock offset: -6.623 ms
Remote clock offset: 13.904 ms

# Below is generated by plot.py at 2018-08-01 19:48:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 79.538 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 79.538 ms
Loss rate: 1.10%
```

Run 5: Report of LEDBAT — Data Link

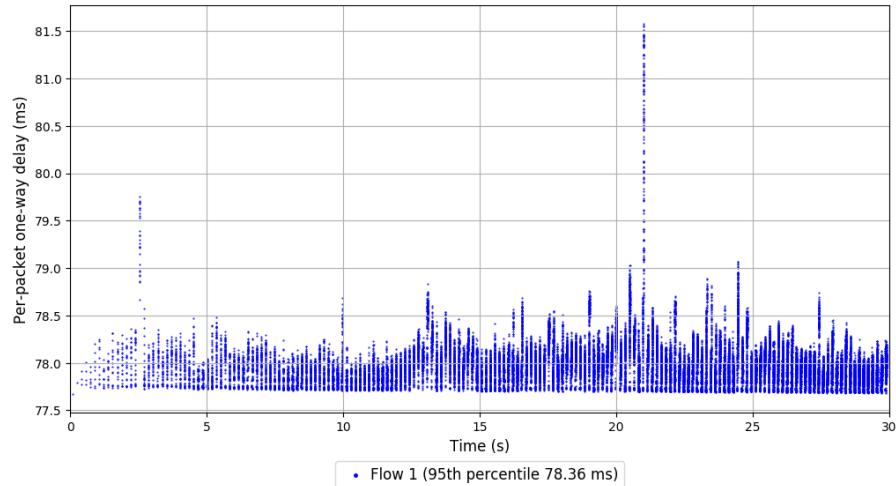
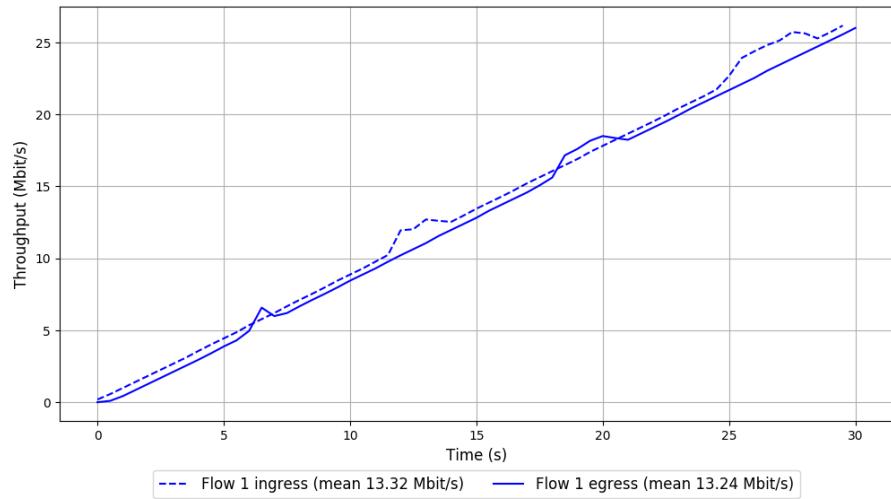


Run 6: Statistics of LEDBAT

```
Start at: 2018-08-01 18:16:39
End at: 2018-08-01 18:17:09
Local clock offset: -6.823 ms
Remote clock offset: 14.703 ms

# Below is generated by plot.py at 2018-08-01 19:48:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 78.362 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 78.362 ms
Loss rate: 1.10%
```

Run 6: Report of LEDBAT — Data Link

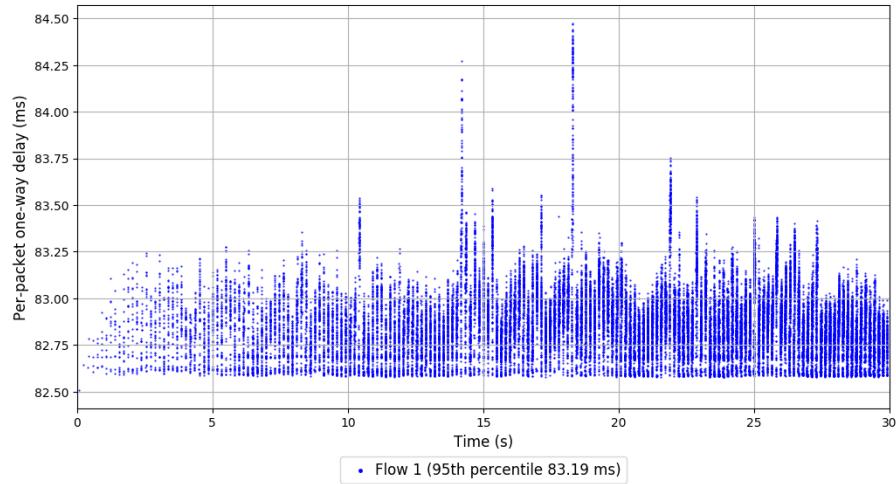
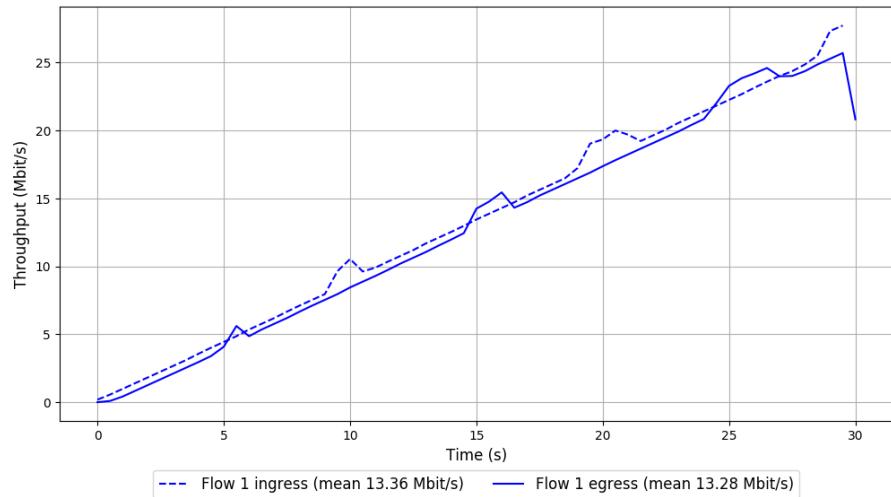


Run 7: Statistics of LEDBAT

```
Start at: 2018-08-01 18:36:33
End at: 2018-08-01 18:37:03
Local clock offset: -6.76 ms
Remote clock offset: 9.055 ms

# Below is generated by plot.py at 2018-08-01 19:48:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 83.186 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 83.186 ms
Loss rate: 1.09%
```

Run 7: Report of LEDBAT — Data Link

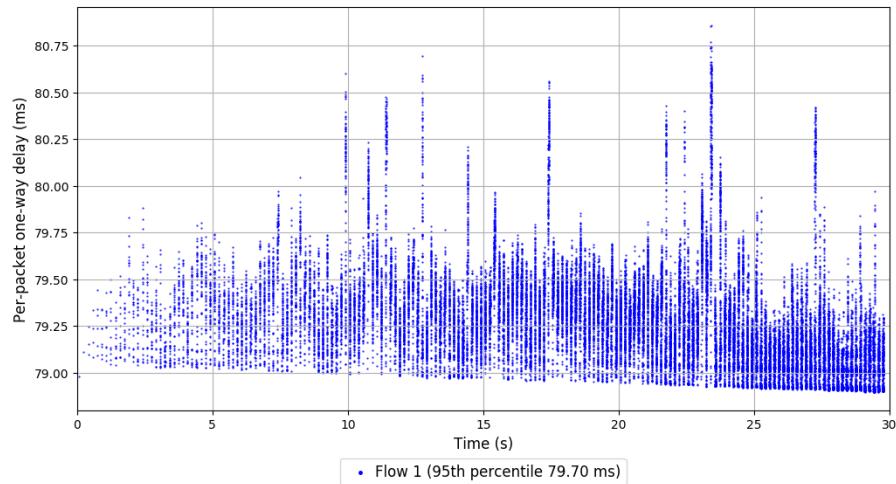
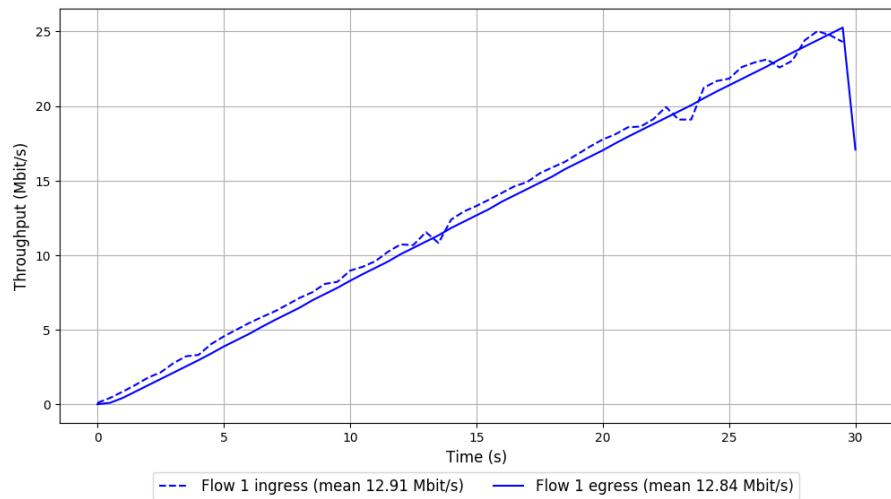


Run 8: Statistics of LEDBAT

```
Start at: 2018-08-01 18:56:29
End at: 2018-08-01 18:56:59
Local clock offset: -6.741 ms
Remote clock offset: 10.162 ms

# Below is generated by plot.py at 2018-08-01 19:48:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.84 Mbit/s
95th percentile per-packet one-way delay: 79.703 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 12.84 Mbit/s
95th percentile per-packet one-way delay: 79.703 ms
Loss rate: 1.12%
```

Run 8: Report of LEDBAT — Data Link

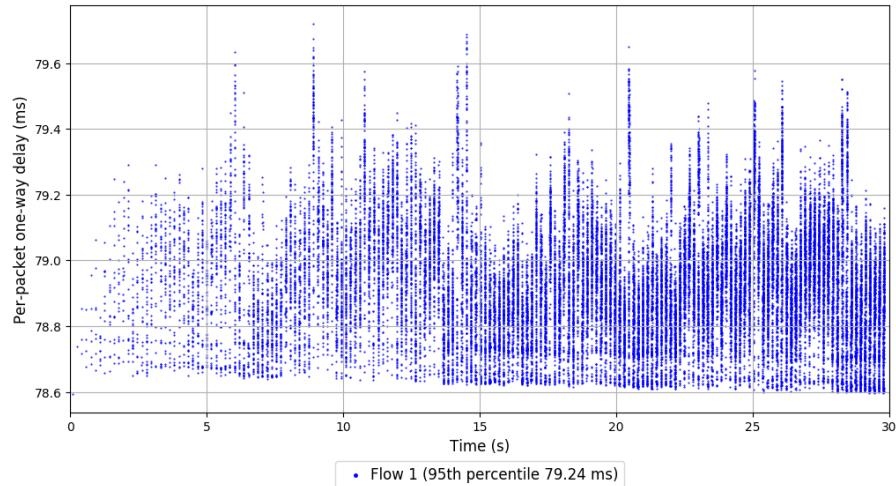
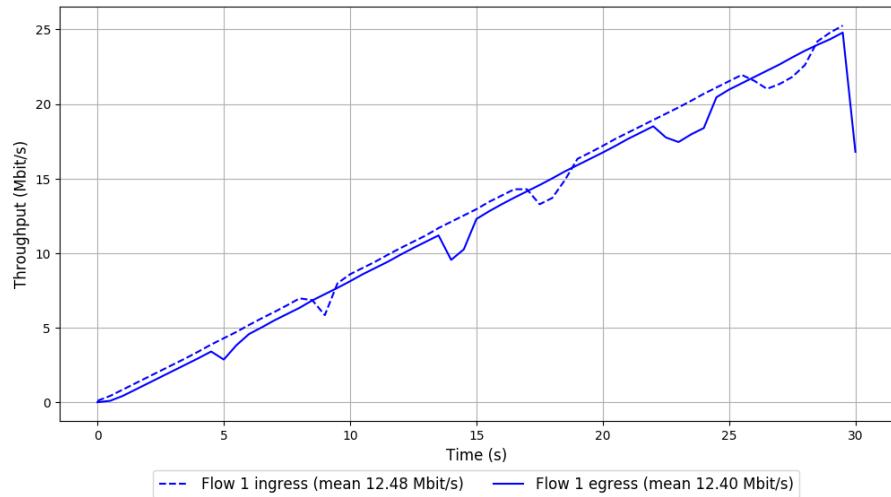


Run 9: Statistics of LEDBAT

```
Start at: 2018-08-01 19:16:27
End at: 2018-08-01 19:16:57
Local clock offset: -6.645 ms
Remote clock offset: 7.007 ms

# Below is generated by plot.py at 2018-08-01 19:48:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 79.244 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 79.244 ms
Loss rate: 1.13%
```

Run 9: Report of LEDBAT — Data Link

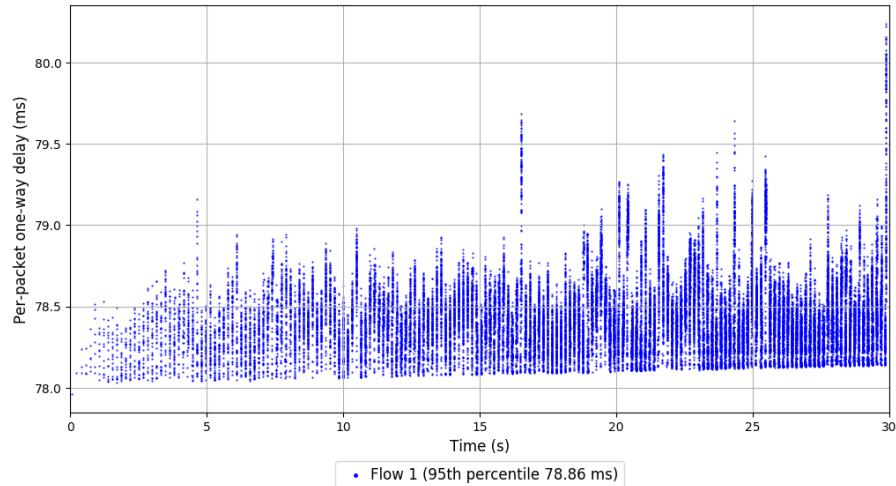
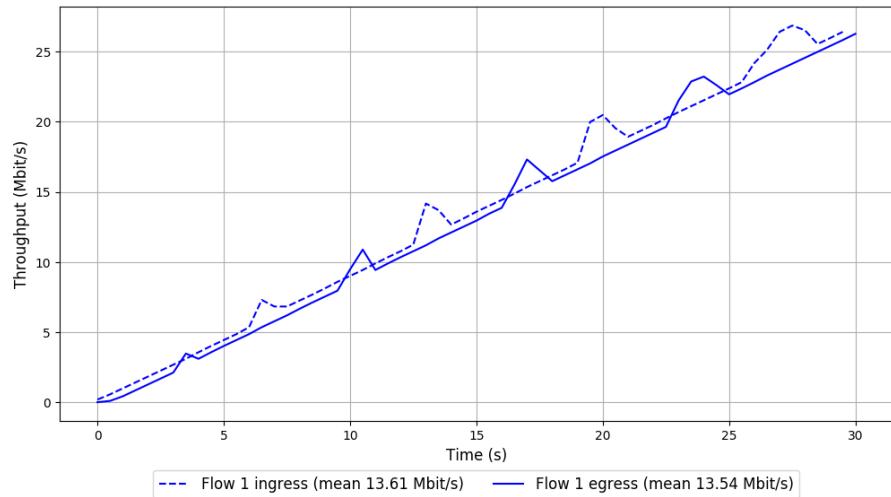


Run 10: Statistics of LEDBAT

```
Start at: 2018-08-01 19:36:23
End at: 2018-08-01 19:36:53
Local clock offset: -6.09 ms
Remote clock offset: 14.688 ms

# Below is generated by plot.py at 2018-08-01 19:48:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 78.865 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 78.865 ms
Loss rate: 1.08%
```

Run 10: Report of LEDBAT — Data Link

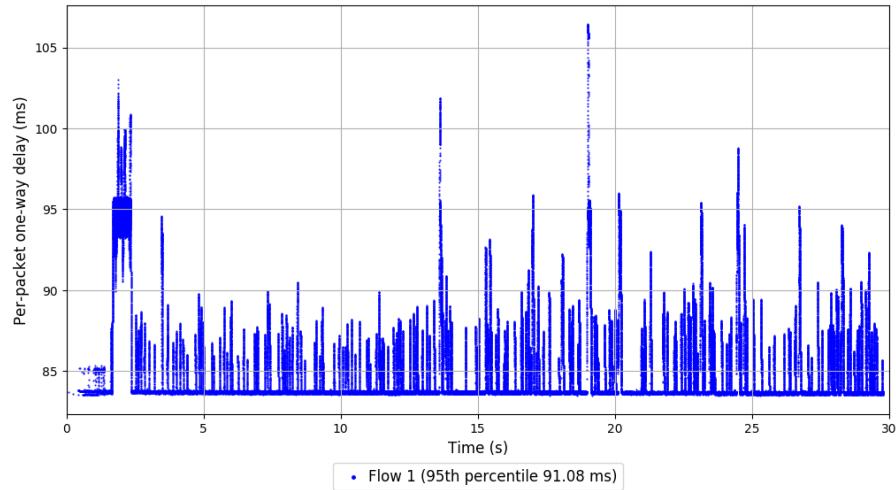
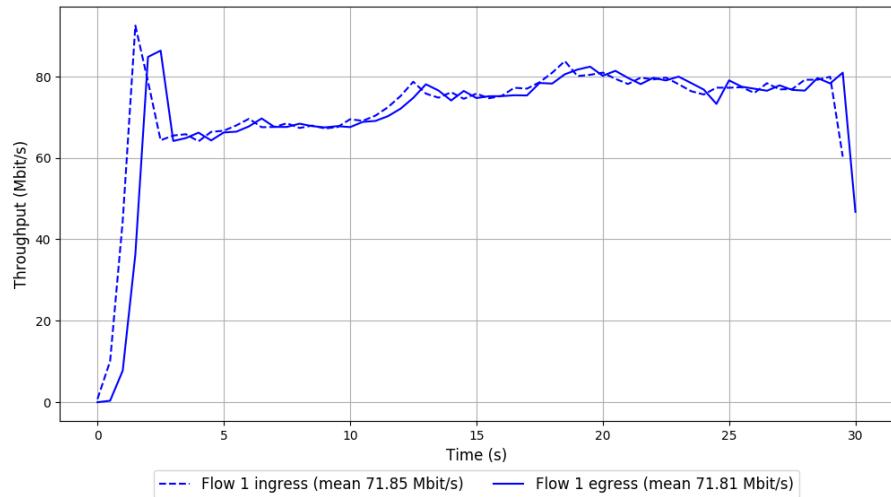


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-08-01 16:27:07
End at: 2018-08-01 16:27:37
Local clock offset: -8.188 ms
Remote clock offset: 4.785 ms

# Below is generated by plot.py at 2018-08-01 19:49:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.81 Mbit/s
95th percentile per-packet one-way delay: 91.085 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 71.81 Mbit/s
95th percentile per-packet one-way delay: 91.085 ms
Loss rate: 0.63%
```

Run 1: Report of PCC-Allegro — Data Link

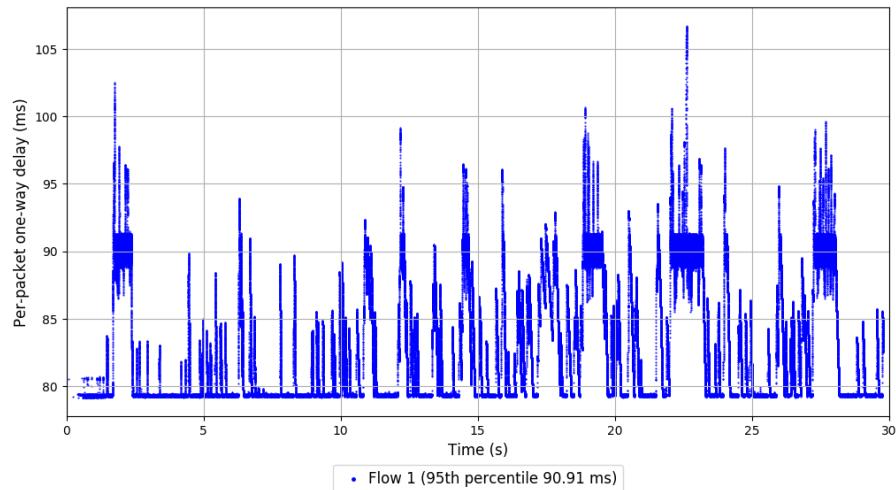
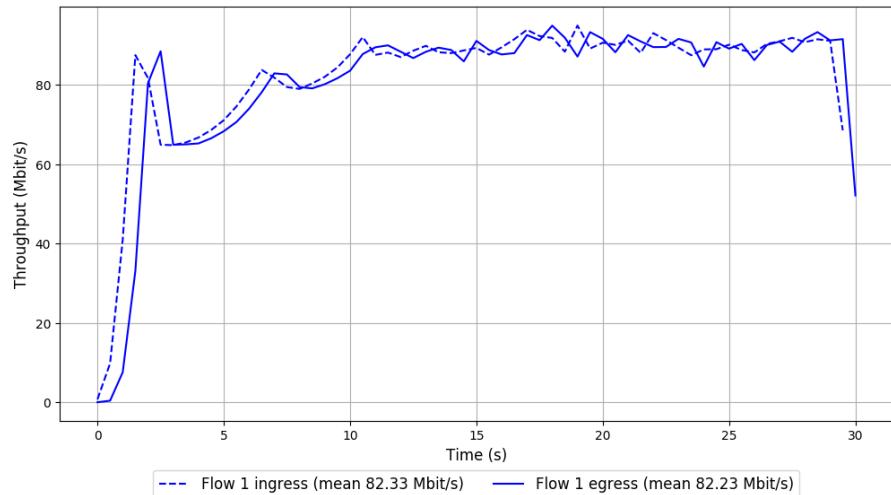


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-08-01 16:47:00
End at: 2018-08-01 16:47:30
Local clock offset: -7.297 ms
Remote clock offset: 6.667 ms

# Below is generated by plot.py at 2018-08-01 19:49:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 90.913 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 90.913 ms
Loss rate: 0.68%
```

Run 2: Report of PCC-Allegro — Data Link

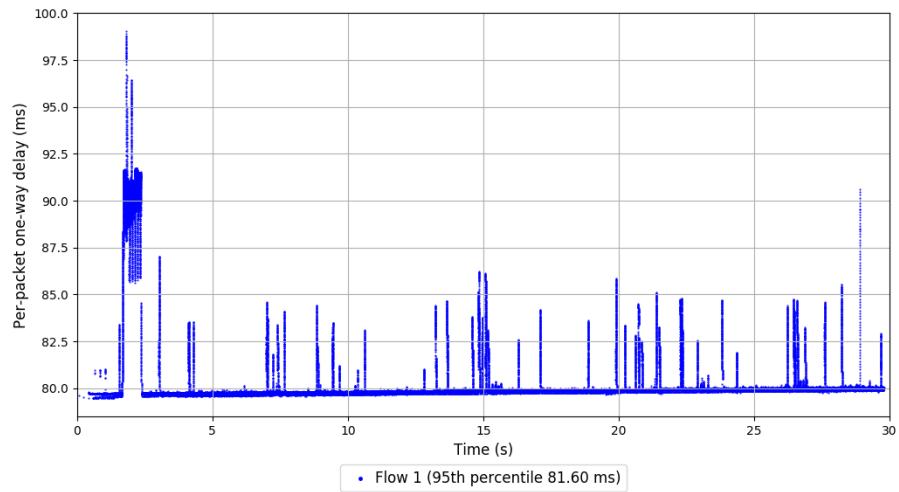
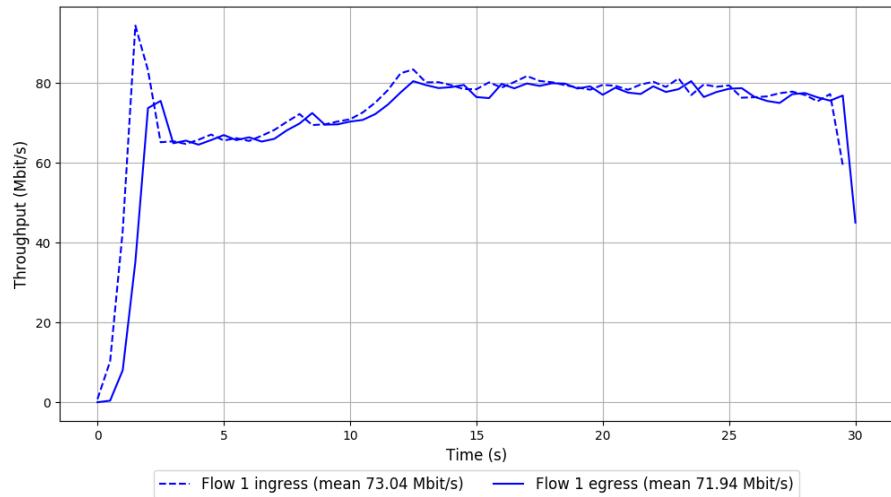


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-08-01 17:06:55
End at: 2018-08-01 17:07:25
Local clock offset: -7.27 ms
Remote clock offset: 9.732 ms

# Below is generated by plot.py at 2018-08-01 19:49:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.94 Mbit/s
95th percentile per-packet one-way delay: 81.600 ms
Loss rate: 2.06%
-- Flow 1:
Average throughput: 71.94 Mbit/s
95th percentile per-packet one-way delay: 81.600 ms
Loss rate: 2.06%
```

Run 3: Report of PCC-Allegro — Data Link

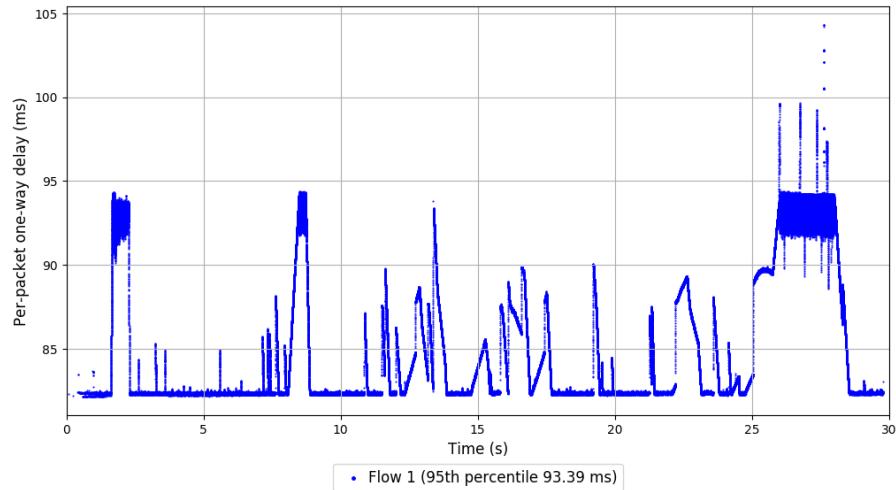
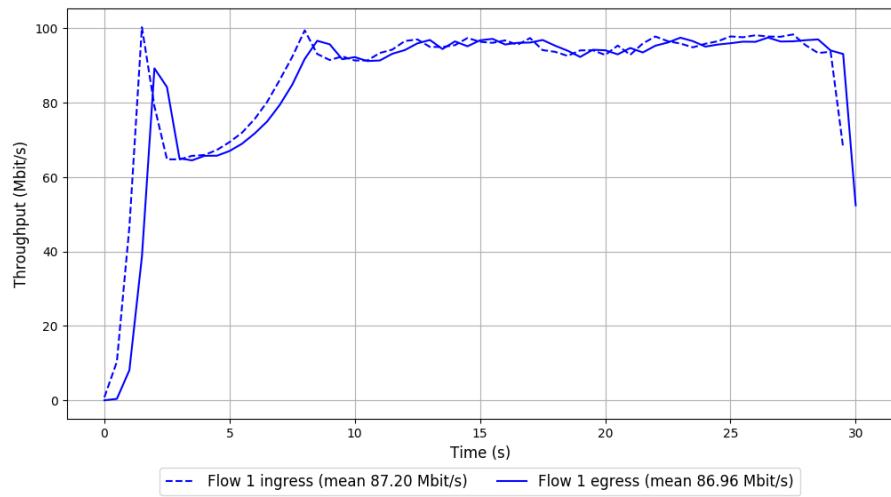


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-08-01 17:26:50
End at: 2018-08-01 17:27:20
Local clock offset: -7.106 ms
Remote clock offset: 11.023 ms

# Below is generated by plot.py at 2018-08-01 19:49:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 93.395 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 93.395 ms
Loss rate: 0.84%
```

Run 4: Report of PCC-Allegro — Data Link

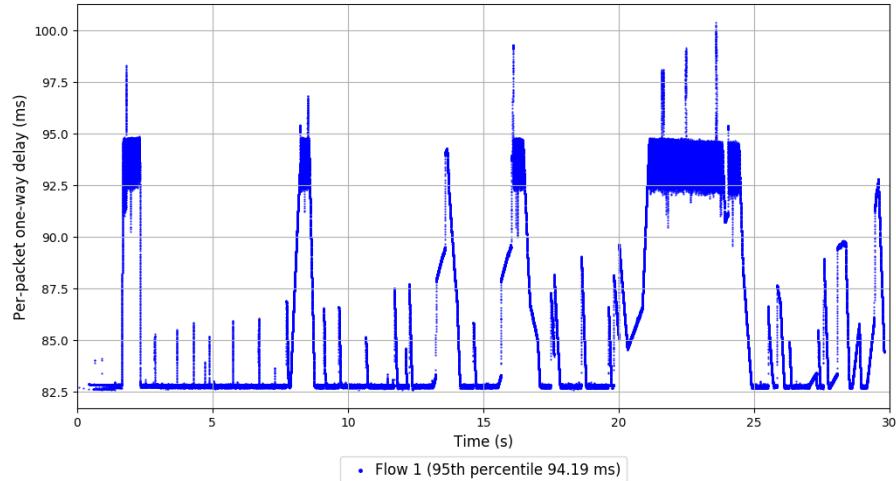
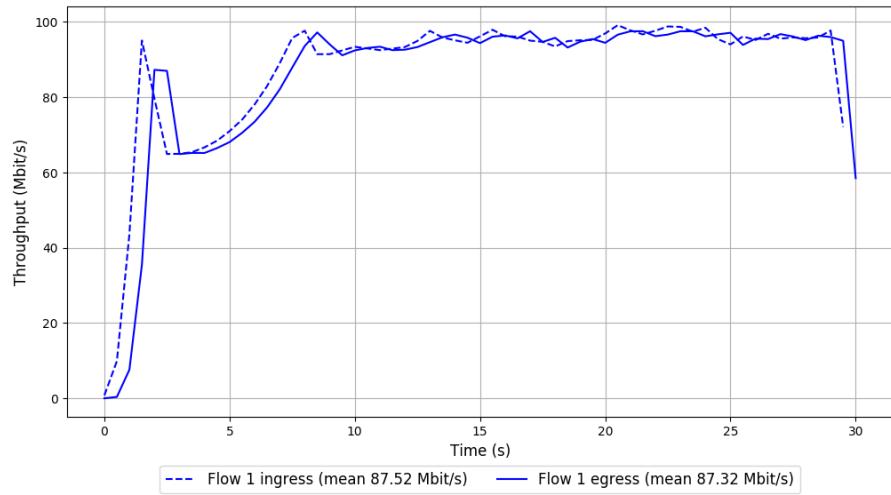


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-08-01 17:46:56
End at: 2018-08-01 17:47:26
Local clock offset: -6.619 ms
Remote clock offset: 10.599 ms

# Below is generated by plot.py at 2018-08-01 19:49:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 94.194 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 94.194 ms
Loss rate: 0.79%
```

Run 5: Report of PCC-Allegro — Data Link

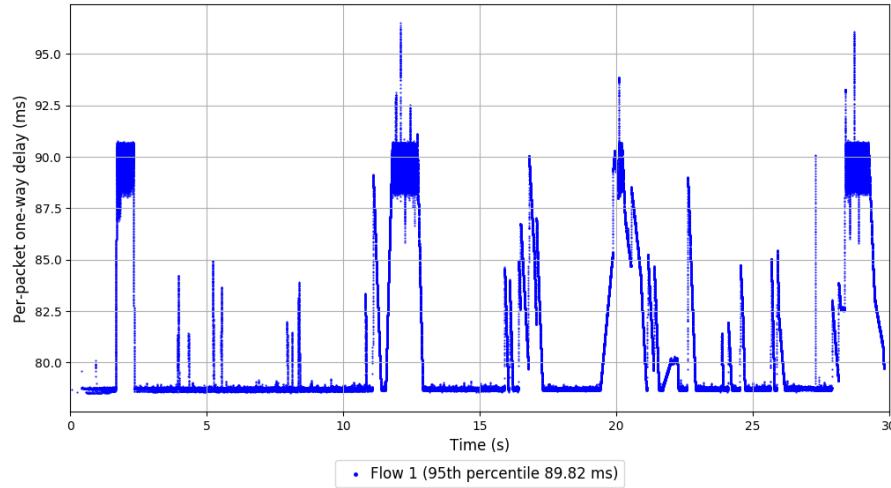
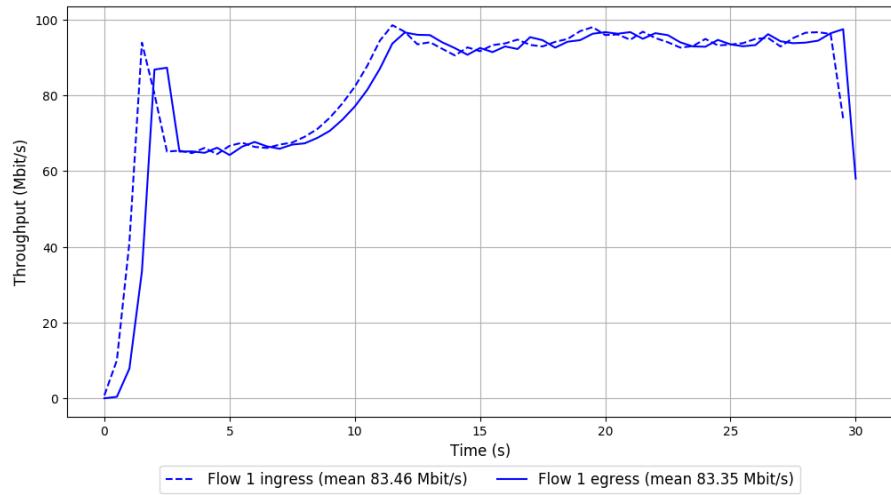


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-08-01 18:06:59
End at: 2018-08-01 18:07:29
Local clock offset: -6.74 ms
Remote clock offset: 13.896 ms

# Below is generated by plot.py at 2018-08-01 19:49:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.35 Mbit/s
95th percentile per-packet one-way delay: 89.819 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 83.35 Mbit/s
95th percentile per-packet one-way delay: 89.819 ms
Loss rate: 0.69%
```

Run 6: Report of PCC-Allegro — Data Link

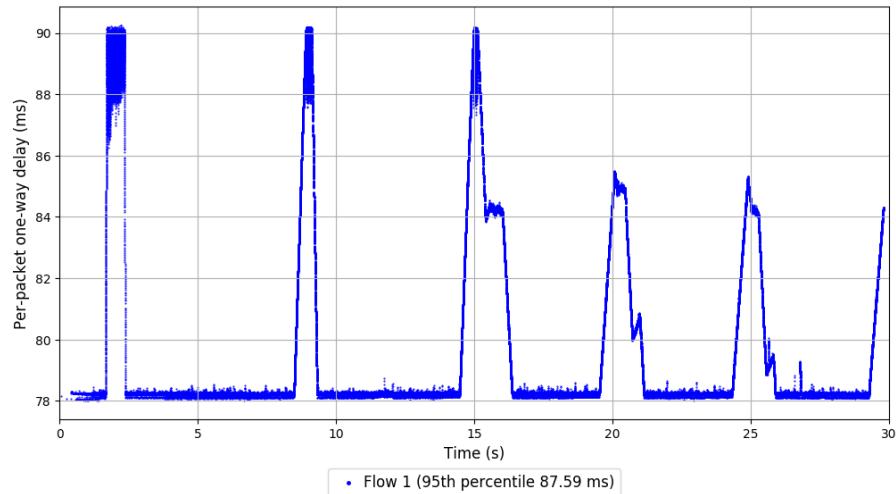
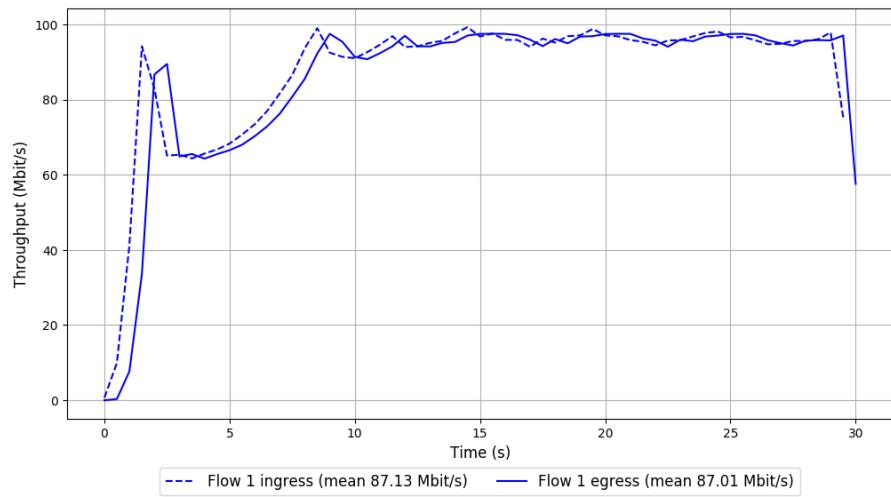


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-08-01 18:27:05
End at: 2018-08-01 18:27:35
Local clock offset: -6.721 ms
Remote clock offset: 13.929 ms

# Below is generated by plot.py at 2018-08-01 19:49:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.01 Mbit/s
95th percentile per-packet one-way delay: 87.587 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 87.01 Mbit/s
95th percentile per-packet one-way delay: 87.587 ms
Loss rate: 0.69%
```

Run 7: Report of PCC-Allegro — Data Link

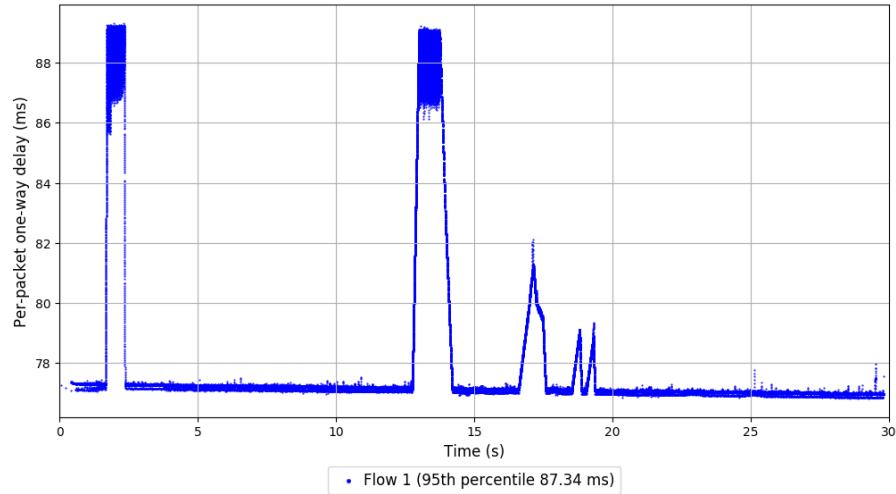
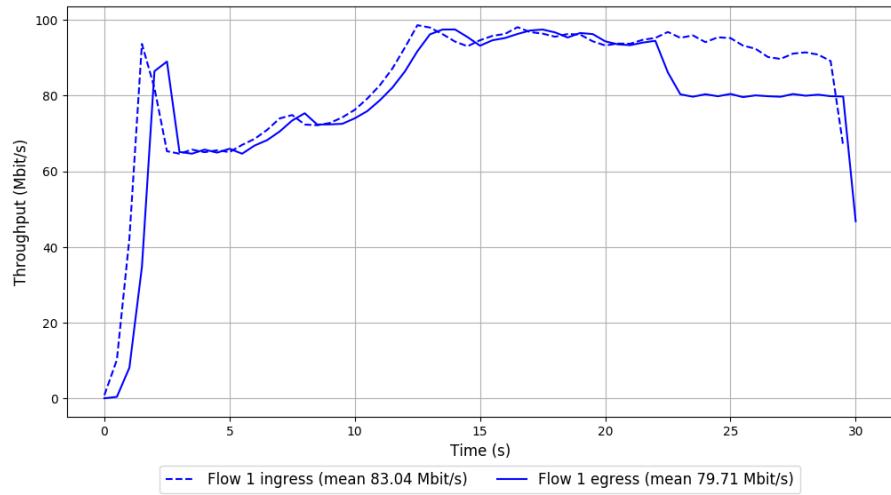


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-08-01 18:46:59
End at: 2018-08-01 18:47:29
Local clock offset: -6.685 ms
Remote clock offset: 13.535 ms

# Below is generated by plot.py at 2018-08-01 19:49:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.71 Mbit/s
95th percentile per-packet one-way delay: 87.342 ms
Loss rate: 4.54%
-- Flow 1:
Average throughput: 79.71 Mbit/s
95th percentile per-packet one-way delay: 87.342 ms
Loss rate: 4.54%
```

Run 8: Report of PCC-Allegro — Data Link

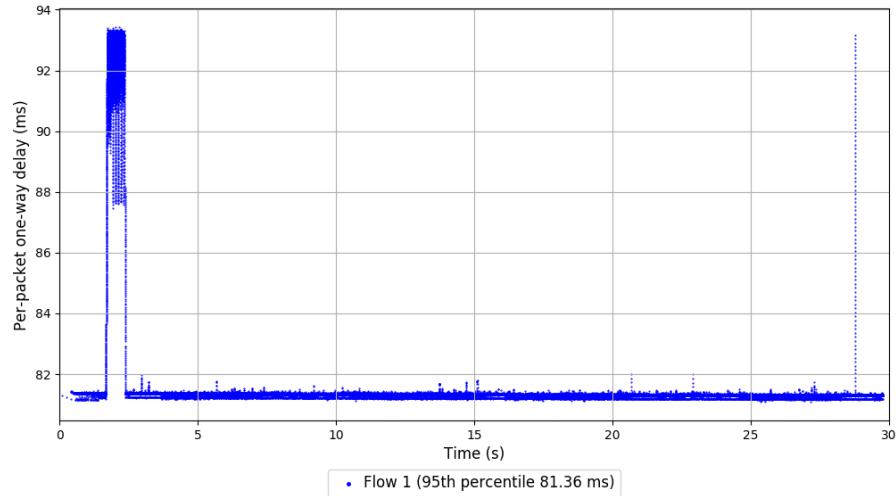
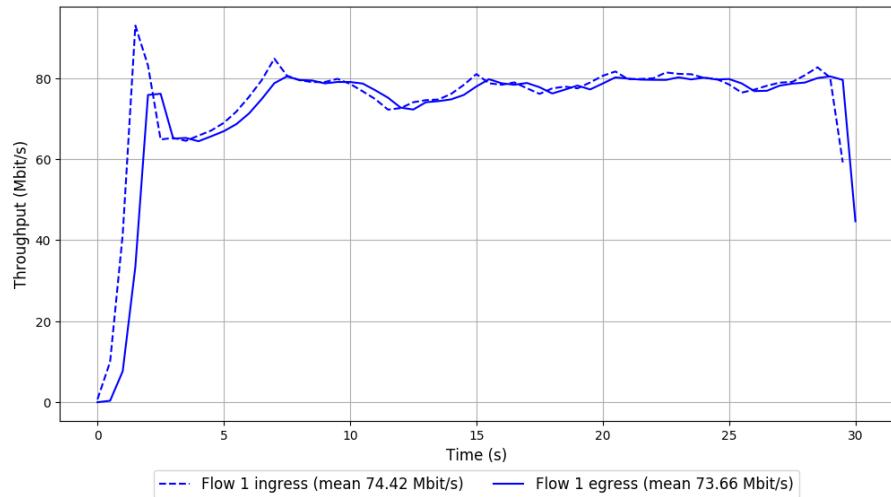


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-08-01 19:06:56
End at: 2018-08-01 19:07:26
Local clock offset: -6.661 ms
Remote clock offset: 3.187 ms

# Below is generated by plot.py at 2018-08-01 19:50:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.66 Mbit/s
95th percentile per-packet one-way delay: 81.362 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 73.66 Mbit/s
95th percentile per-packet one-way delay: 81.362 ms
Loss rate: 1.58%
```

Run 9: Report of PCC-Allegro — Data Link

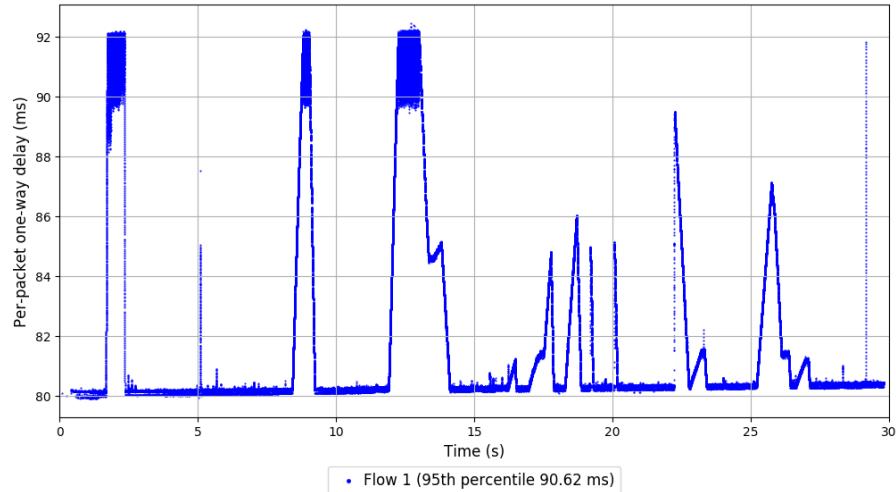
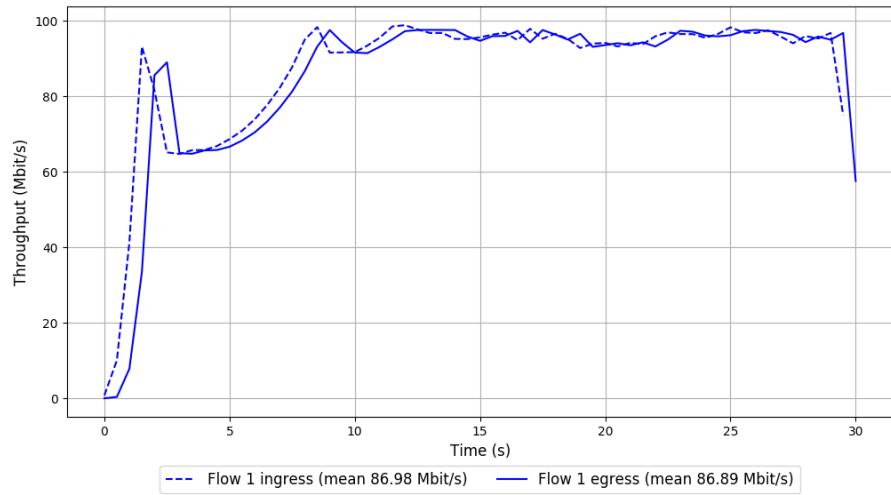


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-08-01 19:26:54
End at: 2018-08-01 19:27:24
Local clock offset: -6.371 ms
Remote clock offset: 10.79 ms

# Below is generated by plot.py at 2018-08-01 19:50:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.89 Mbit/s
95th percentile per-packet one-way delay: 90.617 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 86.89 Mbit/s
95th percentile per-packet one-way delay: 90.617 ms
Loss rate: 0.66%
```

Run 10: Report of PCC-Allegro — Data Link

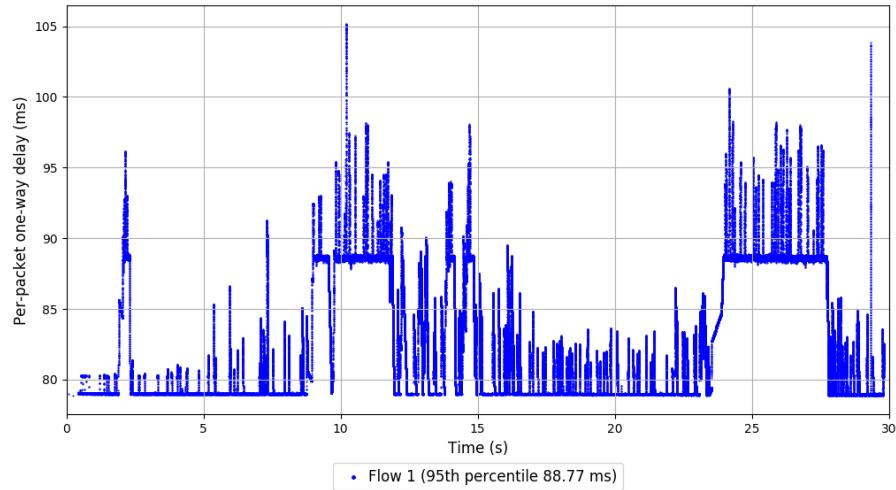
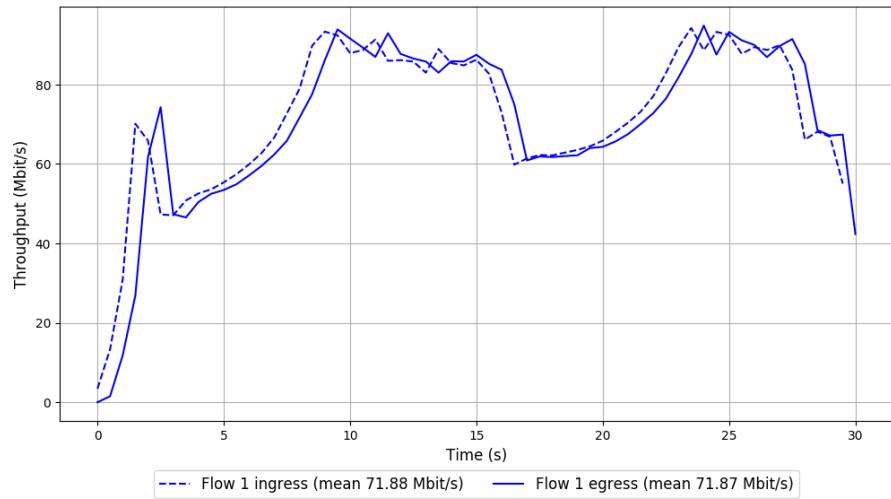


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2018-08-01 16:32:56
End at: 2018-08-01 16:33:26
Local clock offset: -7.467 ms
Remote clock offset: 9.553 ms

# Below is generated by plot.py at 2018-08-01 19:51:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.87 Mbit/s
95th percentile per-packet one-way delay: 88.773 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 71.87 Mbit/s
95th percentile per-packet one-way delay: 88.773 ms
Loss rate: 0.58%
```

Run 1: Report of PCC-Expr — Data Link

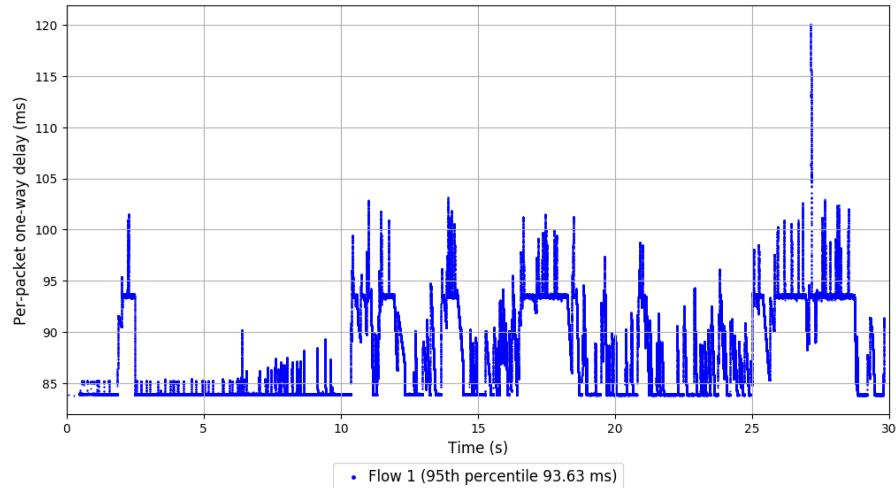
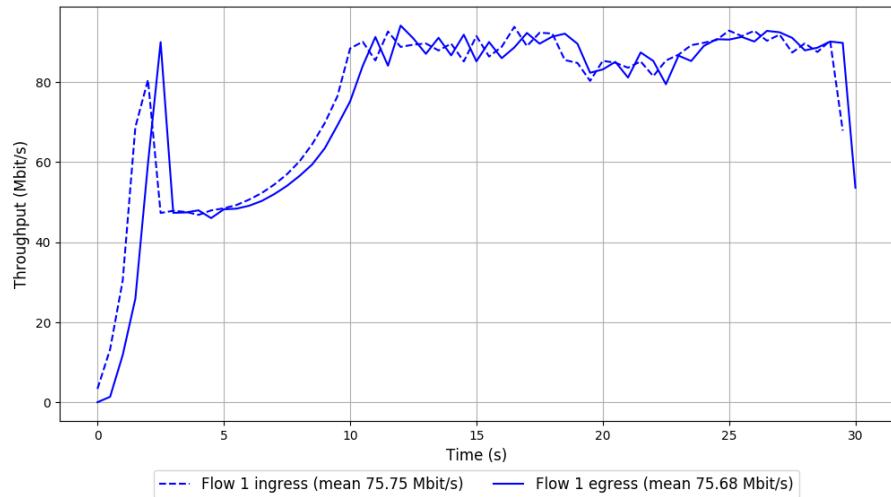


```
Run 2: Statistics of PCC-Expr
```

```
Start at: 2018-08-01 16:52:52
End at: 2018-08-01 16:53:22
Local clock offset: -7.421 ms
Remote clock offset: 4.021 ms

# Below is generated by plot.py at 2018-08-01 19:51:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.68 Mbit/s
95th percentile per-packet one-way delay: 93.632 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 75.68 Mbit/s
95th percentile per-packet one-way delay: 93.632 ms
Loss rate: 0.65%
```

Run 2: Report of PCC-Expr — Data Link

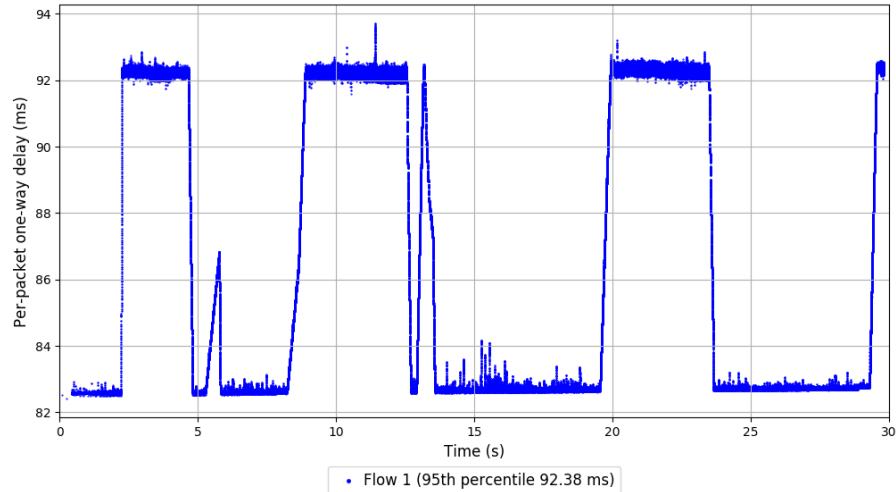
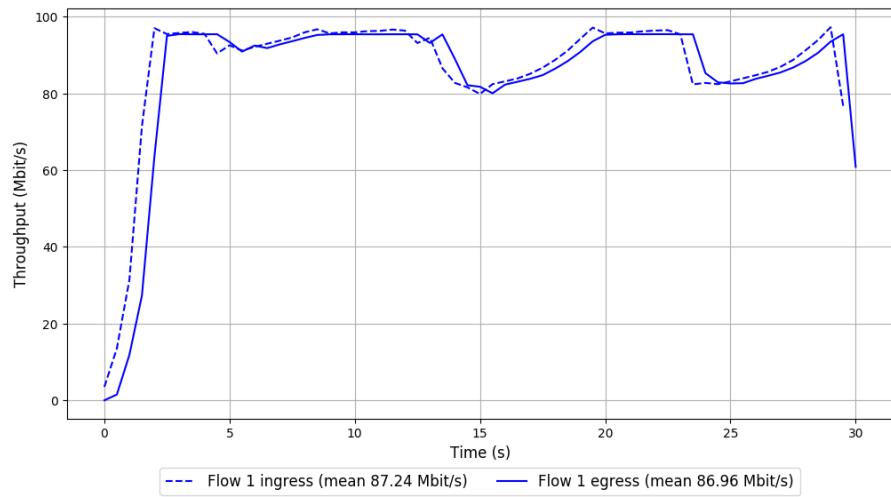


Run 3: Statistics of PCC-Expr

```
Start at: 2018-08-01 17:12:47
End at: 2018-08-01 17:13:17
Local clock offset: -7.363 ms
Remote clock offset: 7.996 ms

# Below is generated by plot.py at 2018-08-01 19:51:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 92.383 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 92.383 ms
Loss rate: 0.88%
```

Run 3: Report of PCC-Expr — Data Link

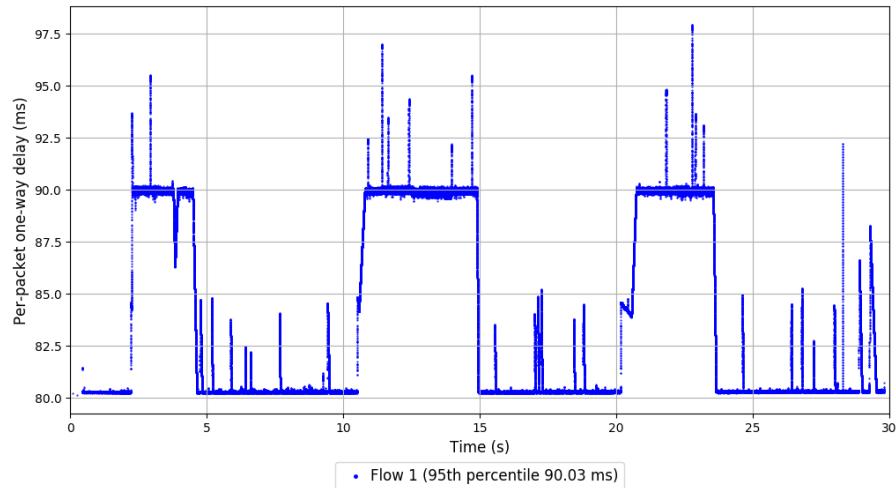
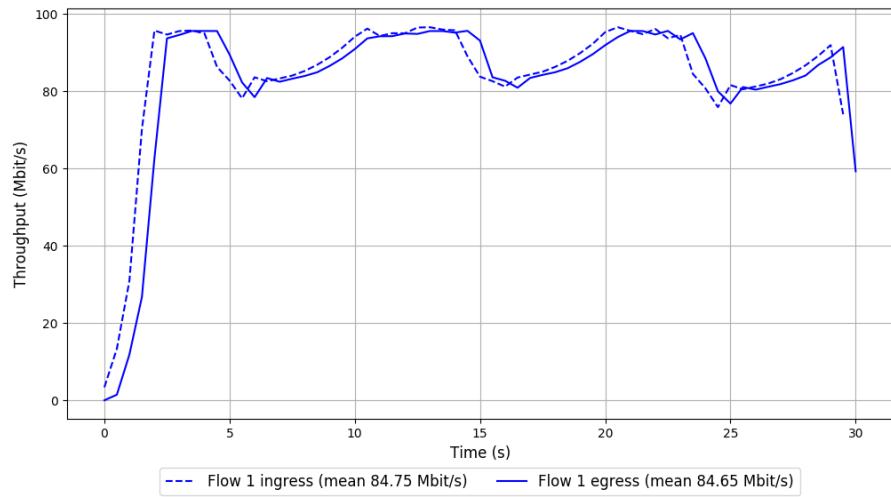


Run 4: Statistics of PCC-Expr

```
Start at: 2018-08-01 17:32:43
End at: 2018-08-01 17:33:13
Local clock offset: -6.774 ms
Remote clock offset: 16.805 ms

# Below is generated by plot.py at 2018-08-01 19:51:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.65 Mbit/s
95th percentile per-packet one-way delay: 90.028 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 84.65 Mbit/s
95th percentile per-packet one-way delay: 90.028 ms
Loss rate: 0.68%
```

Run 4: Report of PCC-Expr — Data Link

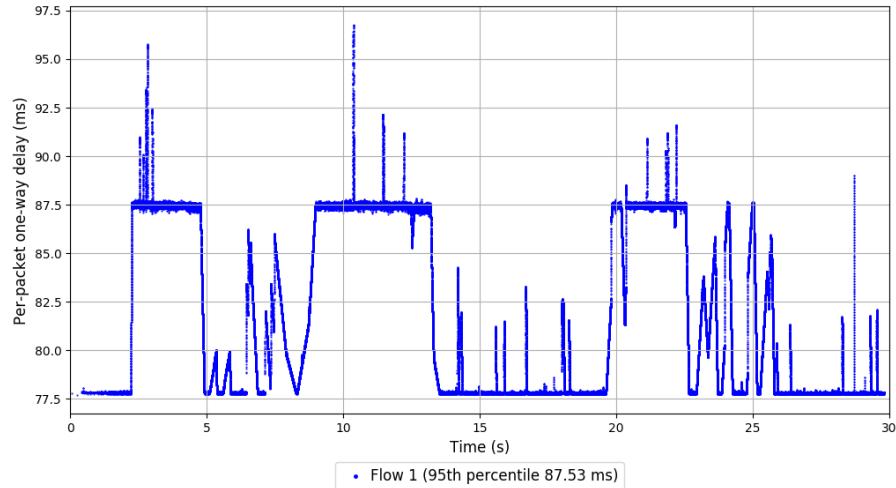
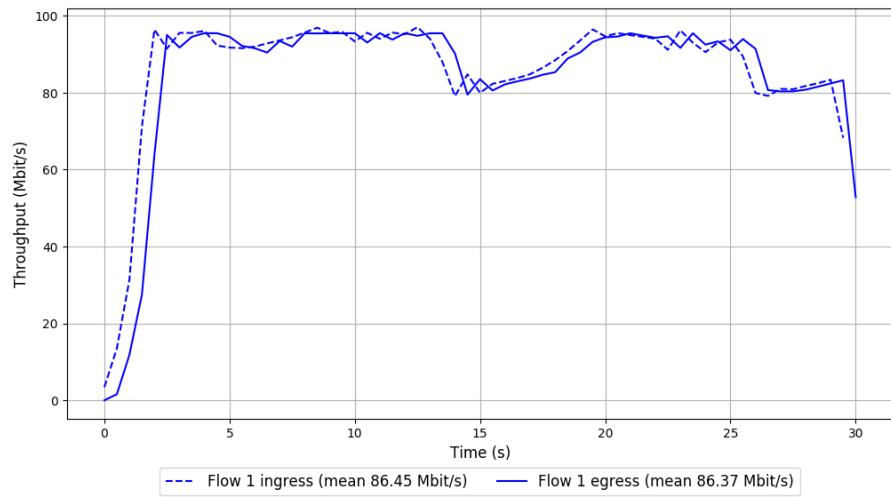


Run 5: Statistics of PCC-Expr

```
Start at: 2018-08-01 17:52:47
End at: 2018-08-01 17:53:17
Local clock offset: -6.649 ms
Remote clock offset: 15.02 ms

# Below is generated by plot.py at 2018-08-01 19:51:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.37 Mbit/s
95th percentile per-packet one-way delay: 87.532 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 86.37 Mbit/s
95th percentile per-packet one-way delay: 87.532 ms
Loss rate: 0.66%
```

Run 5: Report of PCC-Expr — Data Link

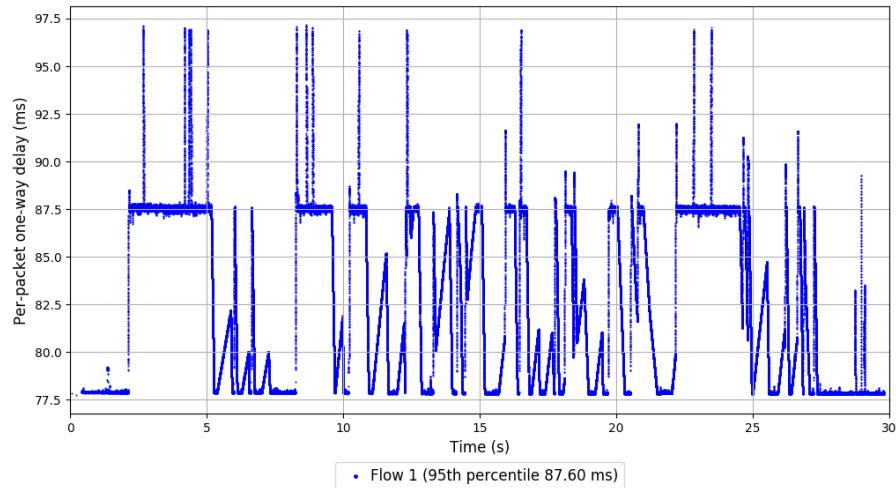
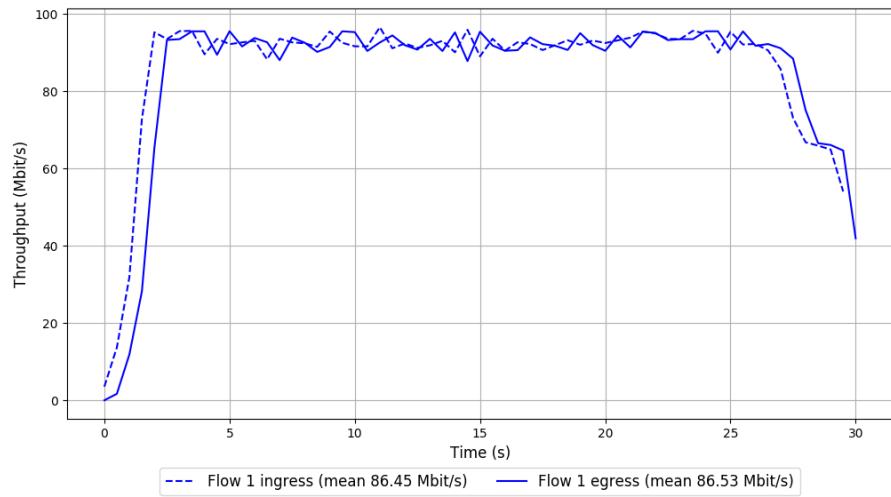


Run 6: Statistics of PCC-Expr

```
Start at: 2018-08-01 18:12:51
End at: 2018-08-01 18:13:21
Local clock offset: -6.724 ms
Remote clock offset: 15.186 ms

# Below is generated by plot.py at 2018-08-01 19:51:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 87.603 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 87.603 ms
Loss rate: 0.46%
```

Run 6: Report of PCC-Expr — Data Link

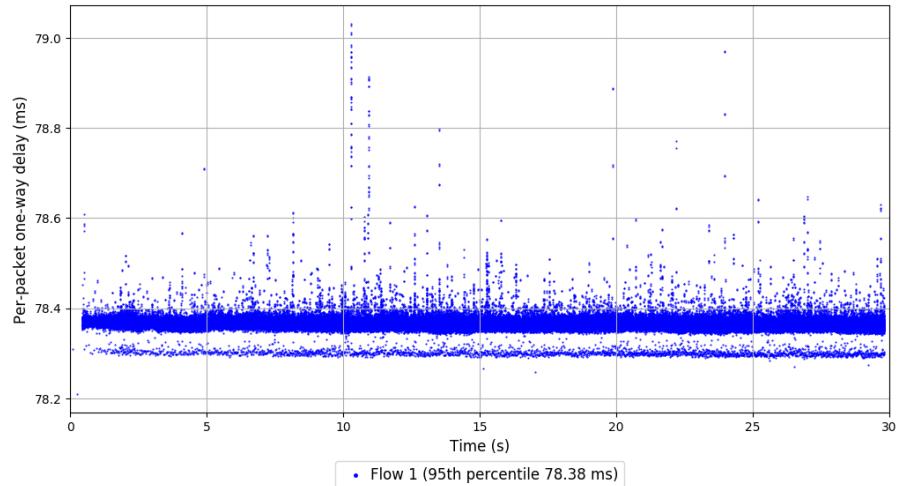
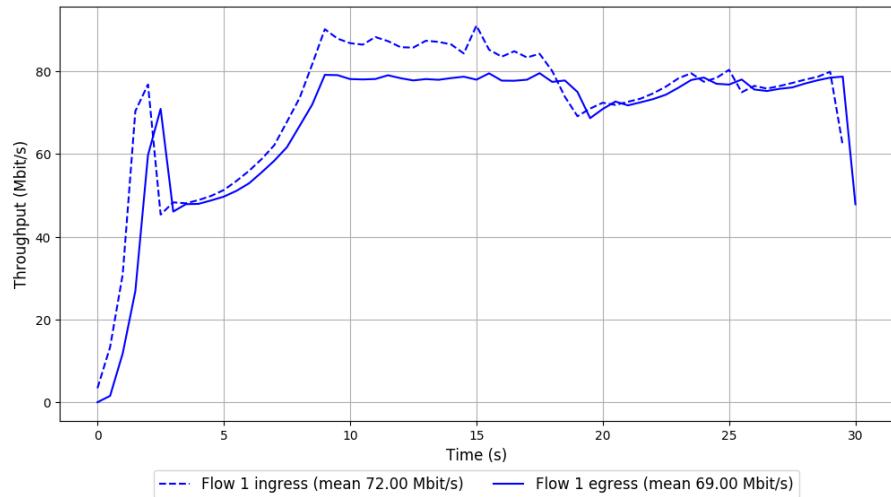


Run 7: Statistics of PCC-Expr

```
Start at: 2018-08-01 18:32:57
End at: 2018-08-01 18:33:27
Local clock offset: -6.685 ms
Remote clock offset: 13.874 ms

# Below is generated by plot.py at 2018-08-01 19:51:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.00 Mbit/s
95th percentile per-packet one-way delay: 78.377 ms
Loss rate: 4.71%
-- Flow 1:
Average throughput: 69.00 Mbit/s
95th percentile per-packet one-way delay: 78.377 ms
Loss rate: 4.71%
```

Run 7: Report of PCC-Expr — Data Link

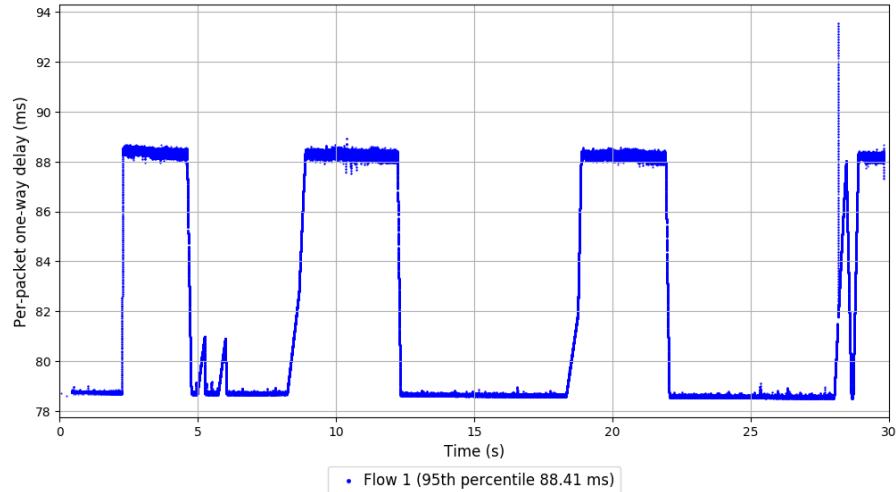
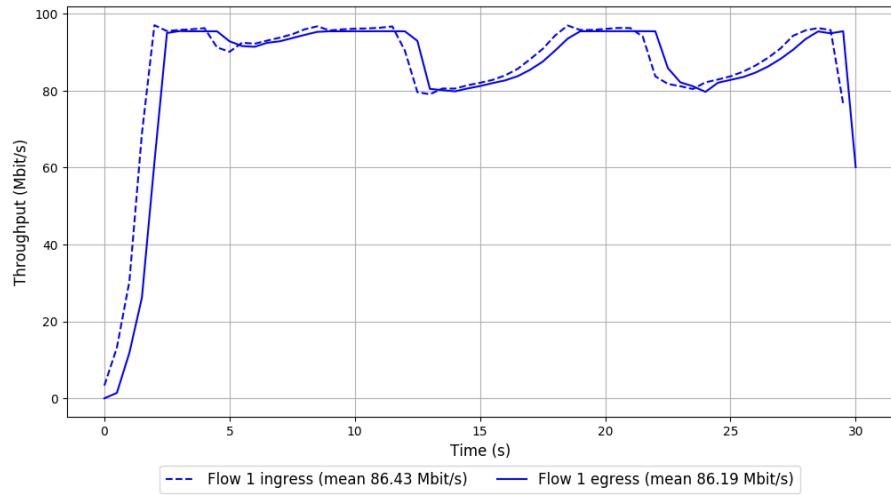


Run 8: Statistics of PCC-Expr

```
Start at: 2018-08-01 18:52:51
End at: 2018-08-01 18:53:21
Local clock offset: -6.696 ms
Remote clock offset: 11.566 ms

# Below is generated by plot.py at 2018-08-01 19:52:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.19 Mbit/s
95th percentile per-packet one-way delay: 88.411 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 86.19 Mbit/s
95th percentile per-packet one-way delay: 88.411 ms
Loss rate: 0.85%
```

Run 8: Report of PCC-Expr — Data Link

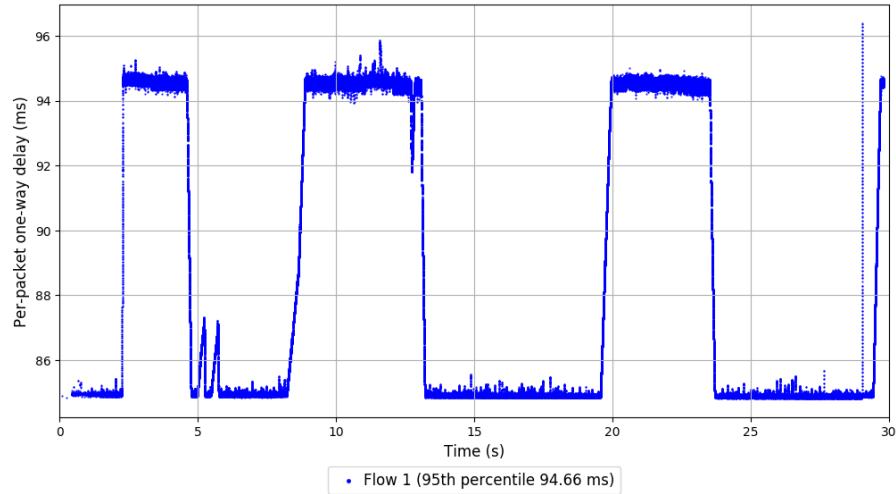
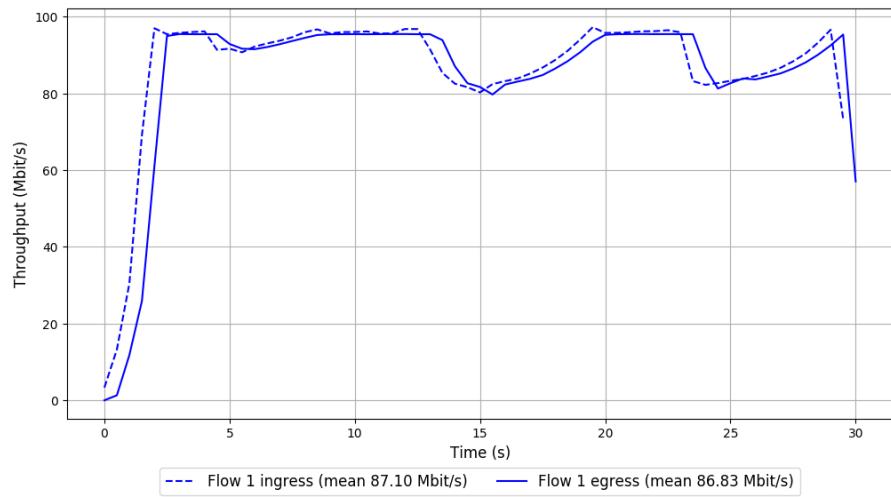


Run 9: Statistics of PCC-Expr

```
Start at: 2018-08-01 19:12:49
End at: 2018-08-01 19:13:19
Local clock offset: -6.626 ms
Remote clock offset: 1.375 ms

# Below is generated by plot.py at 2018-08-01 19:53:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.83 Mbit/s
95th percentile per-packet one-way delay: 94.659 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 86.83 Mbit/s
95th percentile per-packet one-way delay: 94.659 ms
Loss rate: 0.89%
```

Run 9: Report of PCC-Expr — Data Link

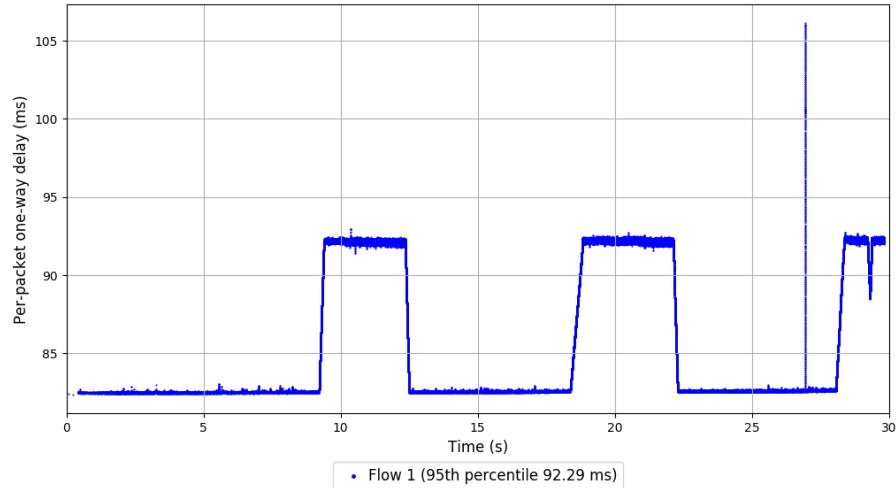
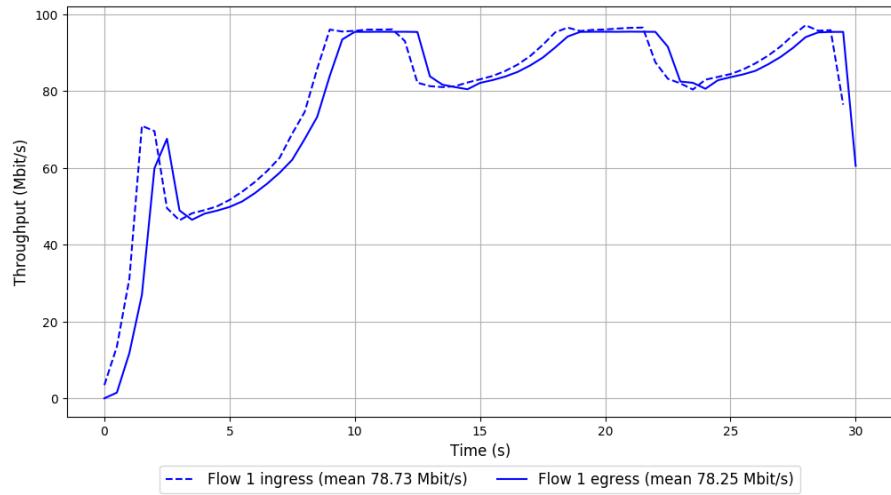


Run 10: Statistics of PCC-Expr

```
Start at: 2018-08-01 19:32:44
End at: 2018-08-01 19:33:14
Local clock offset: -6.179 ms
Remote clock offset: 8.772 ms

# Below is generated by plot.py at 2018-08-01 19:53:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.25 Mbit/s
95th percentile per-packet one-way delay: 92.289 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 78.25 Mbit/s
95th percentile per-packet one-way delay: 92.289 ms
Loss rate: 1.17%
```

Run 10: Report of PCC-Expr — Data Link

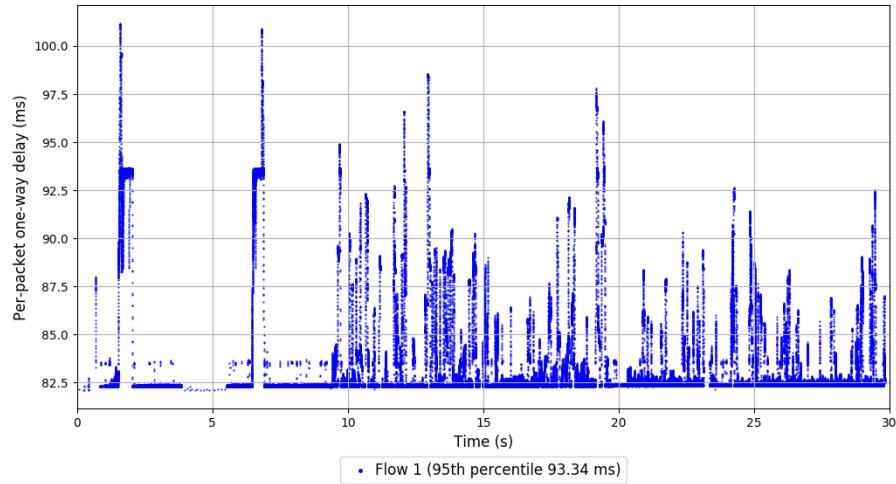
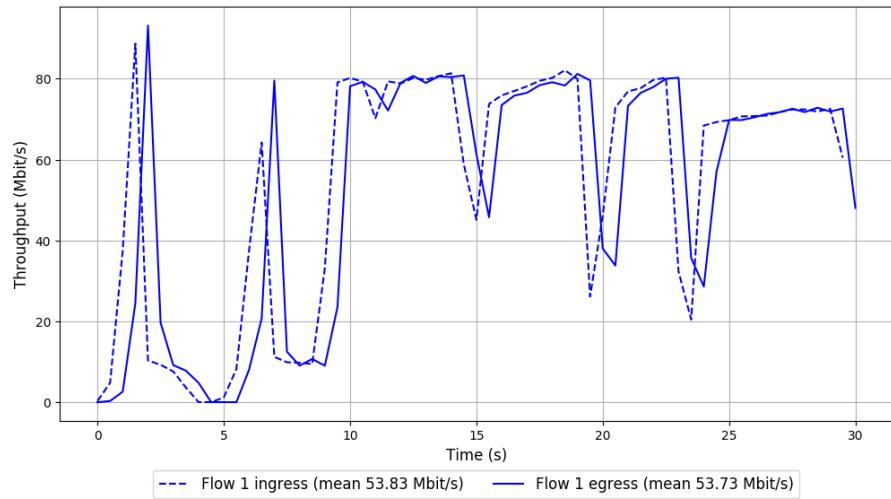


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-08-01 16:17:50
End at: 2018-08-01 16:18:20
Local clock offset: -8.833 ms
Remote clock offset: 3.778 ms

# Below is generated by plot.py at 2018-08-01 19:53:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 93.340 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 93.340 ms
Loss rate: 0.75%
```

Run 1: Report of QUIC Cubic — Data Link

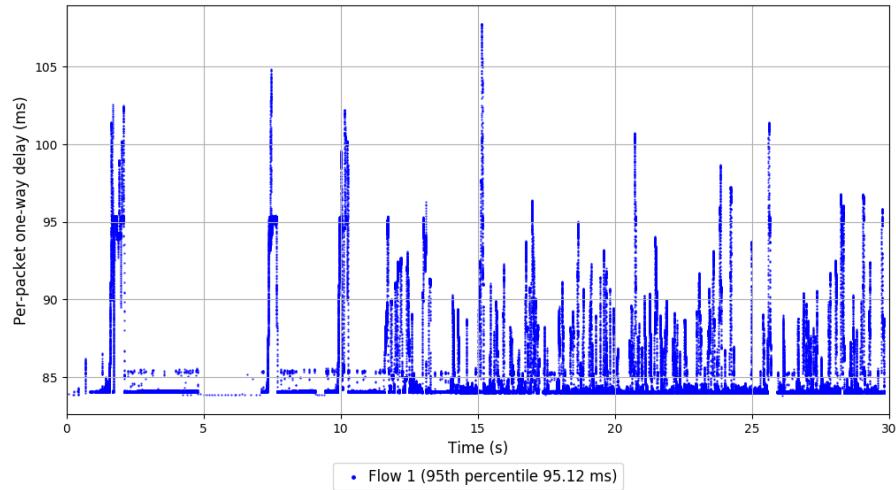
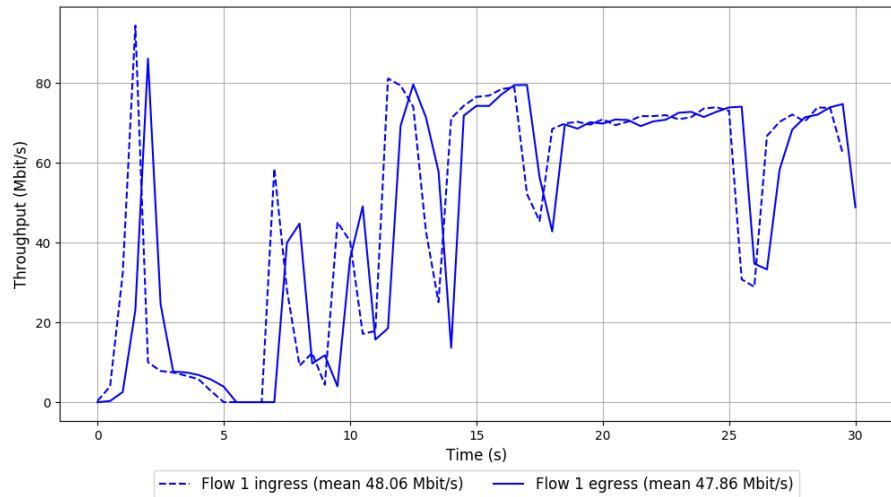


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-08-01 16:37:42
End at: 2018-08-01 16:38:12
Local clock offset: -7.304 ms
Remote clock offset: 4.286 ms

# Below is generated by plot.py at 2018-08-01 19:53:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.86 Mbit/s
95th percentile per-packet one-way delay: 95.116 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 47.86 Mbit/s
95th percentile per-packet one-way delay: 95.116 ms
Loss rate: 0.99%
```

Run 2: Report of QUIC Cubic — Data Link

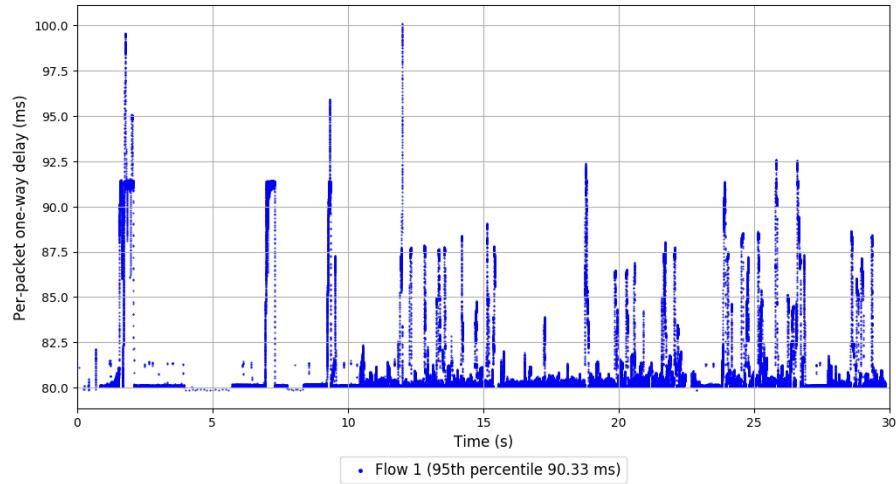
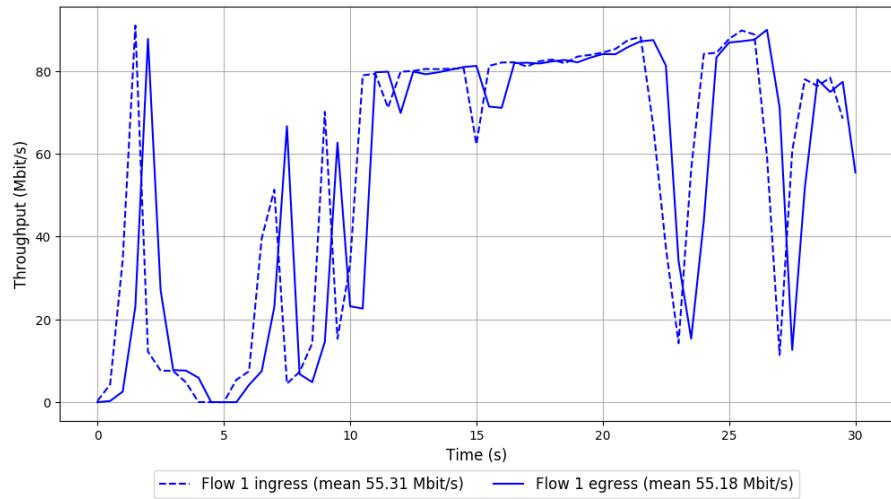


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-08-01 16:57:37
End at: 2018-08-01 16:58:07
Local clock offset: -7.309 ms
Remote clock offset: 7.656 ms

# Below is generated by plot.py at 2018-08-01 19:53:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.18 Mbit/s
95th percentile per-packet one-way delay: 90.333 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 55.18 Mbit/s
95th percentile per-packet one-way delay: 90.333 ms
Loss rate: 0.78%
```

Run 3: Report of QUIC Cubic — Data Link

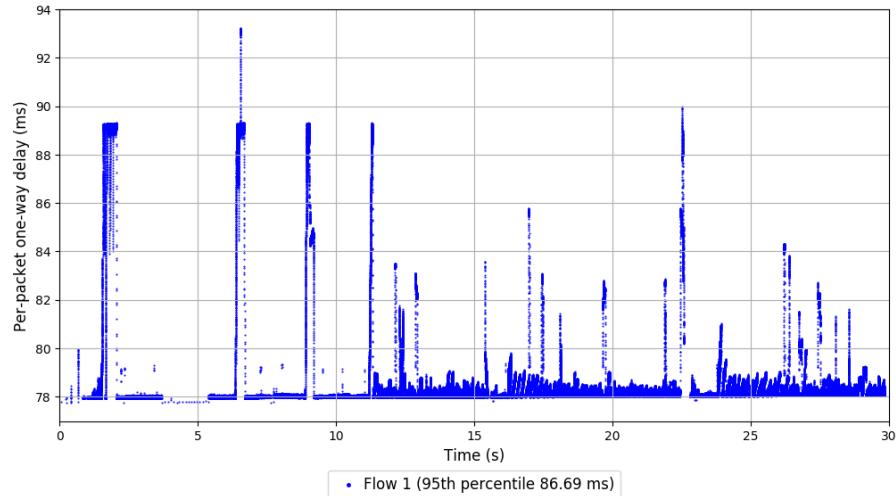
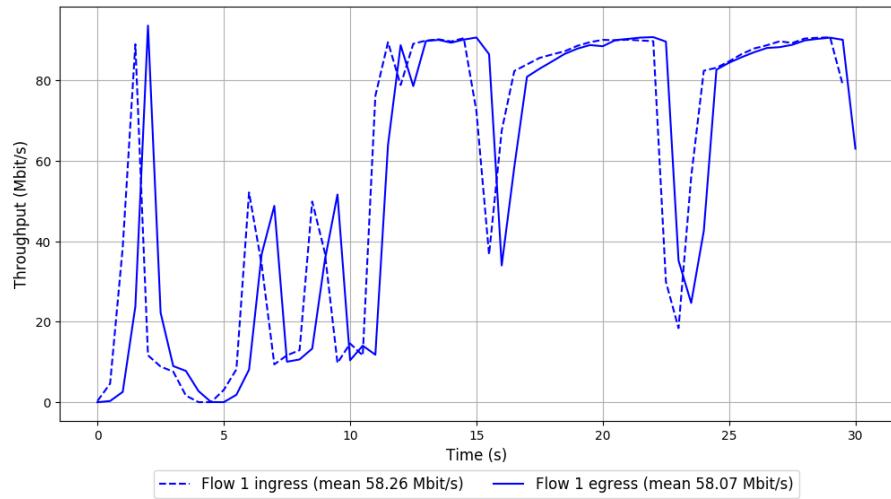


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-08-01 17:17:32
End at: 2018-08-01 17:18:02
Local clock offset: -7.464 ms
Remote clock offset: 14.229 ms

# Below is generated by plot.py at 2018-08-01 19:53:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.07 Mbit/s
95th percentile per-packet one-way delay: 86.692 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 58.07 Mbit/s
95th percentile per-packet one-way delay: 86.692 ms
Loss rate: 0.85%
```

Run 4: Report of QUIC Cubic — Data Link

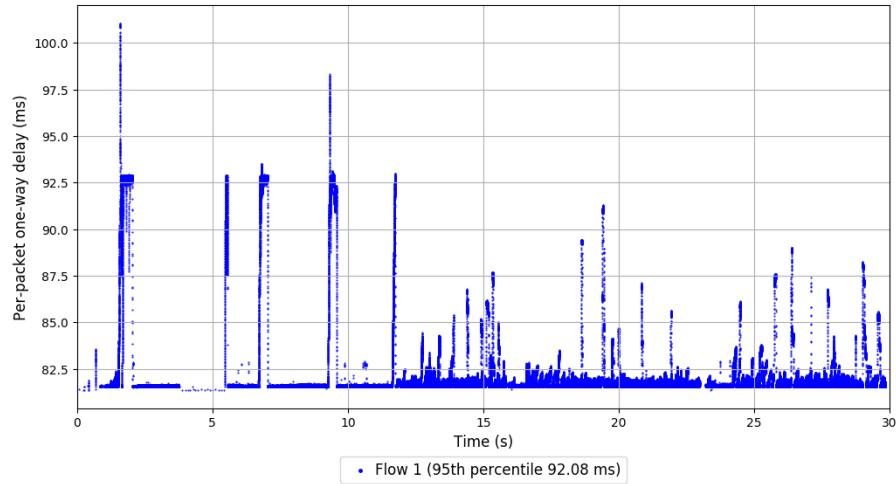
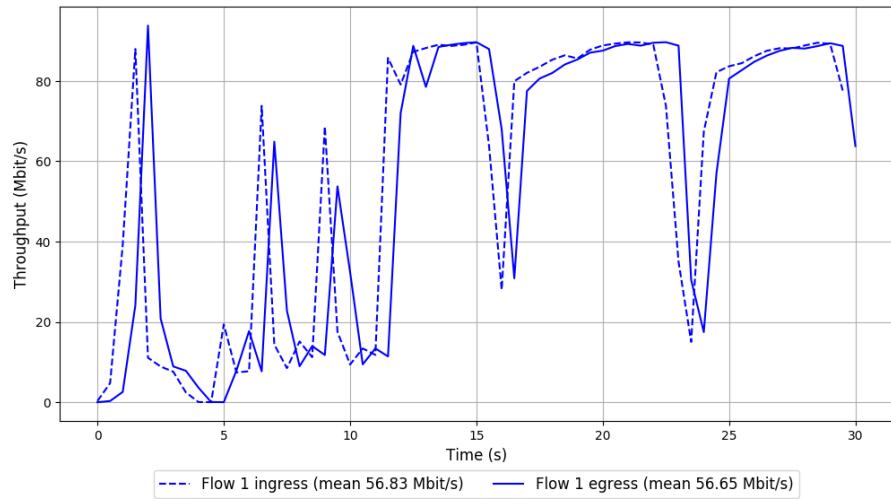


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-08-01 17:37:37
End at: 2018-08-01 17:38:08
Local clock offset: -6.644 ms
Remote clock offset: 13.548 ms

# Below is generated by plot.py at 2018-08-01 19:53:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 92.083 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 92.083 ms
Loss rate: 0.86%
```

Run 5: Report of QUIC Cubic — Data Link

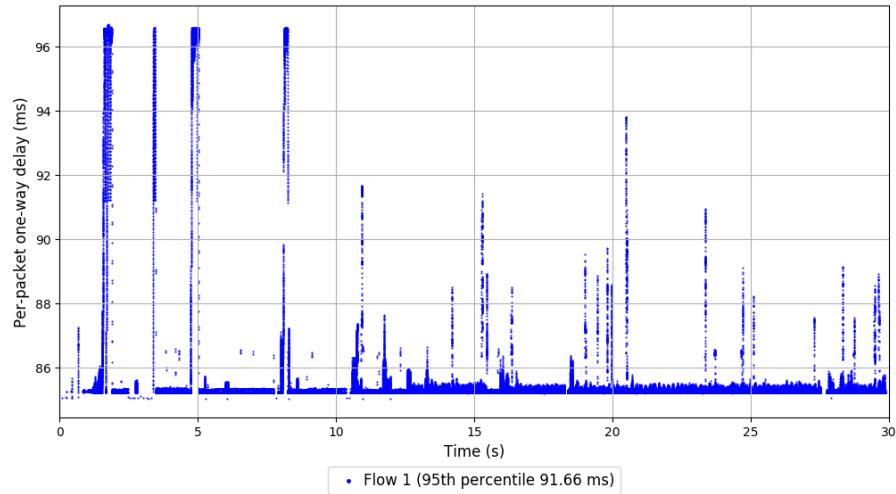
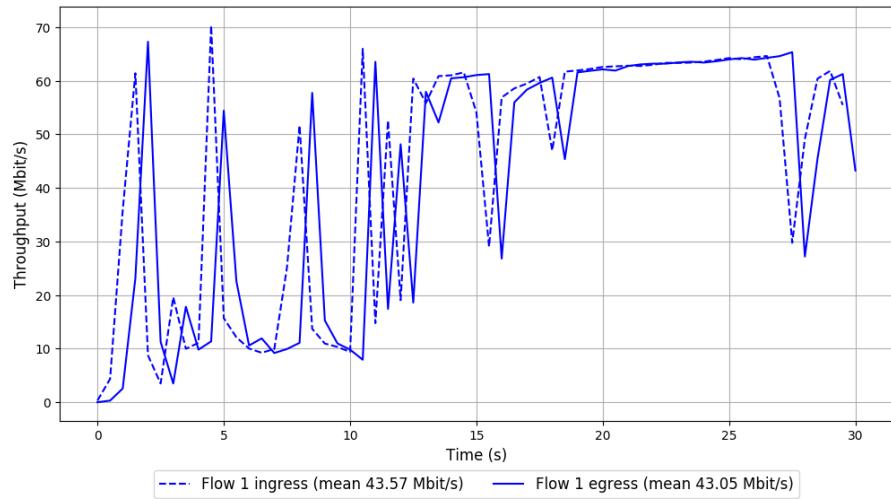


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-08-01 17:57:32
End at: 2018-08-01 17:58:02
Local clock offset: -6.629 ms
Remote clock offset: 10.115 ms

# Below is generated by plot.py at 2018-08-01 19:53:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.05 Mbit/s
95th percentile per-packet one-way delay: 91.656 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 43.05 Mbit/s
95th percentile per-packet one-way delay: 91.656 ms
Loss rate: 1.73%
```

Run 6: Report of QUIC Cubic — Data Link

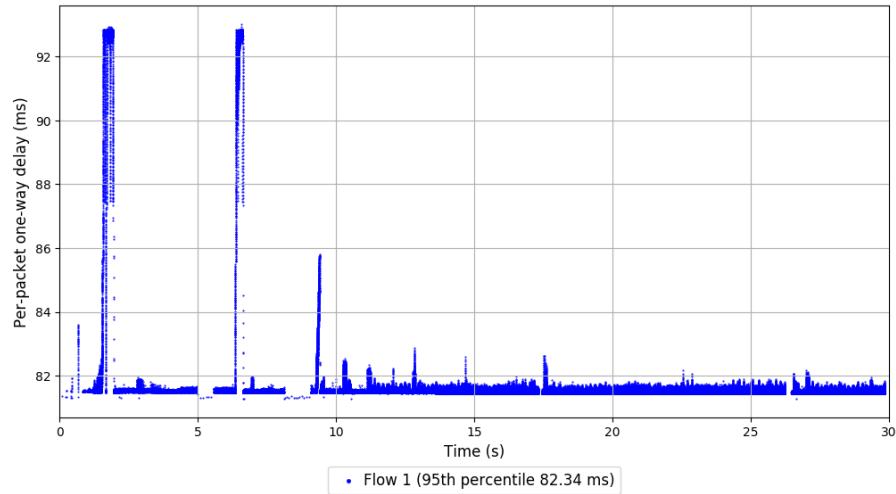
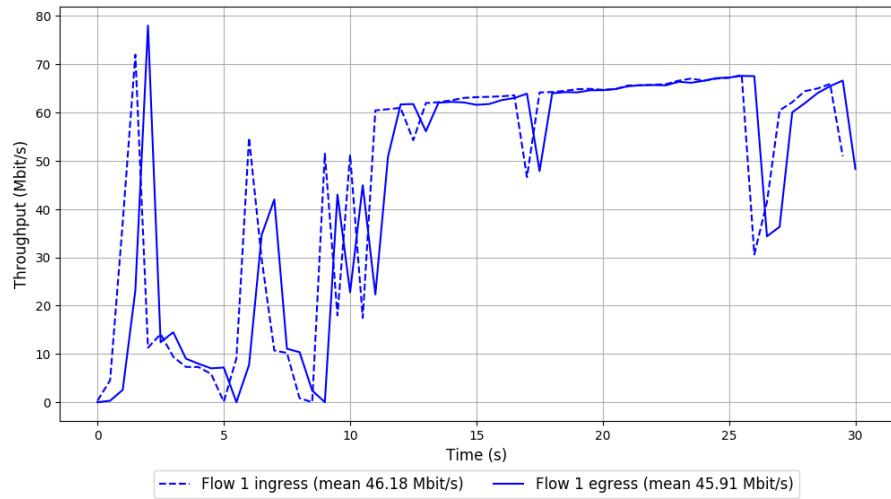


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-08-01 18:17:46
End at: 2018-08-01 18:18:17
Local clock offset: -6.774 ms
Remote clock offset: 10.726 ms

# Below is generated by plot.py at 2018-08-01 19:53:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.91 Mbit/s
95th percentile per-packet one-way delay: 82.345 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 45.91 Mbit/s
95th percentile per-packet one-way delay: 82.345 ms
Loss rate: 1.14%
```

Run 7: Report of QUIC Cubic — Data Link

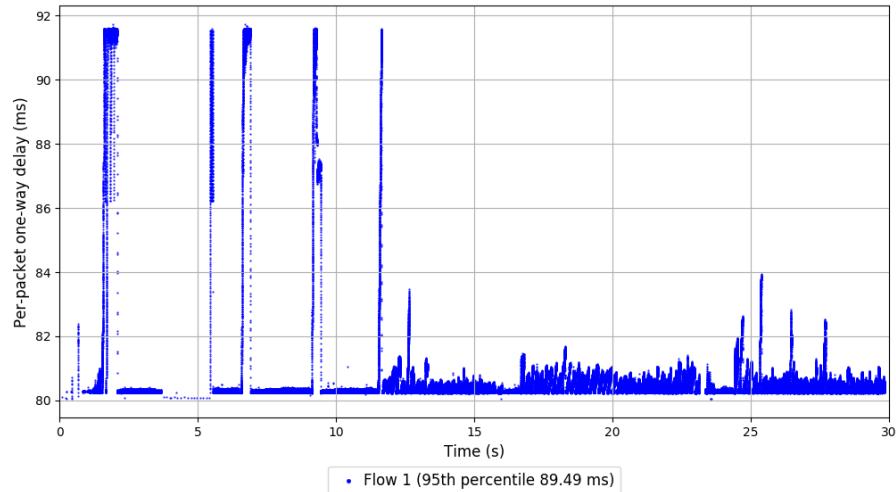
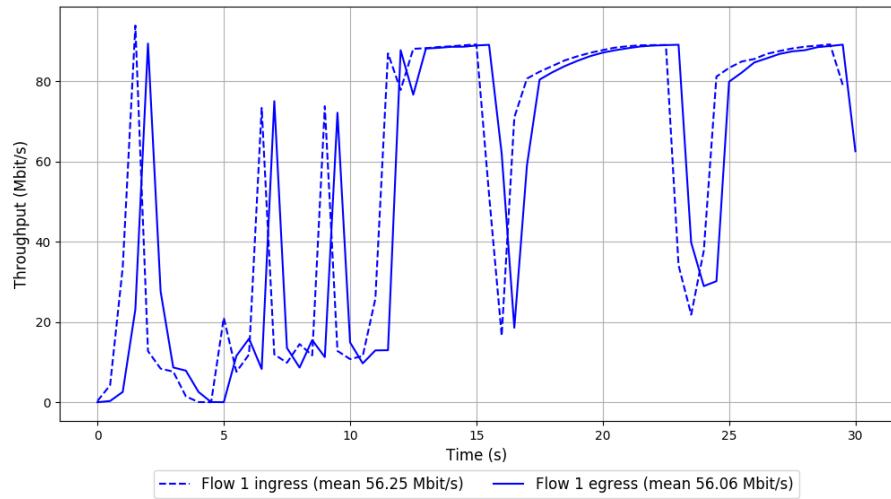


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-08-01 18:37:41
End at: 2018-08-01 18:38:11
Local clock offset: -6.682 ms
Remote clock offset: 13.998 ms

# Below is generated by plot.py at 2018-08-01 19:53:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.06 Mbit/s
95th percentile per-packet one-way delay: 89.486 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 56.06 Mbit/s
95th percentile per-packet one-way delay: 89.486 ms
Loss rate: 0.89%
```

Run 8: Report of QUIC Cubic — Data Link

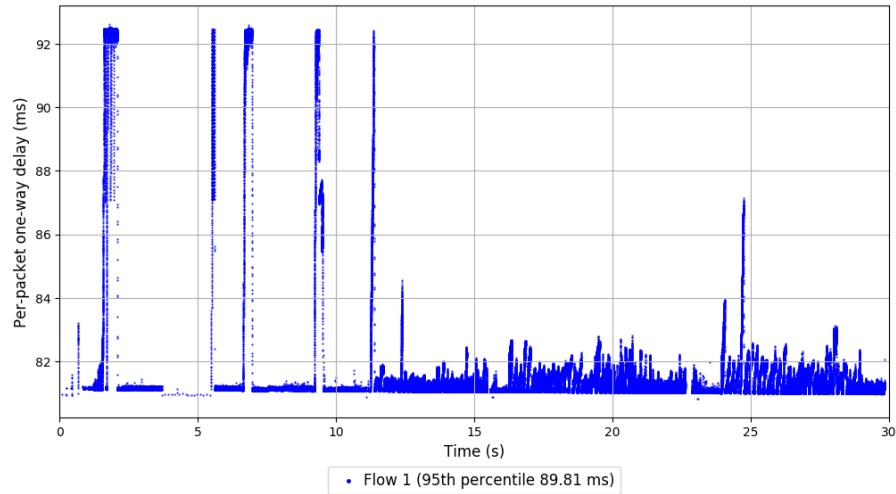
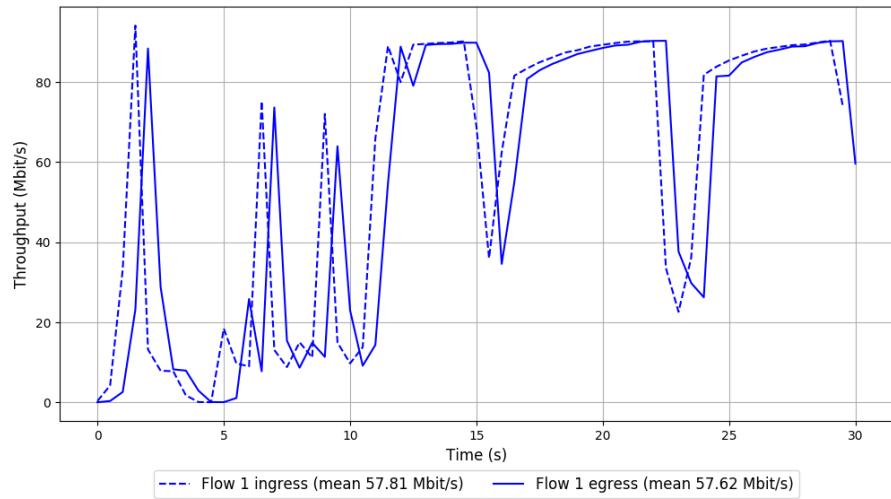


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-08-01 18:57:37
End at: 2018-08-01 18:58:07
Local clock offset: -6.653 ms
Remote clock offset: 7.689 ms

# Below is generated by plot.py at 2018-08-01 19:53:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 89.813 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 89.813 ms
Loss rate: 0.87%
```

Run 9: Report of QUIC Cubic — Data Link

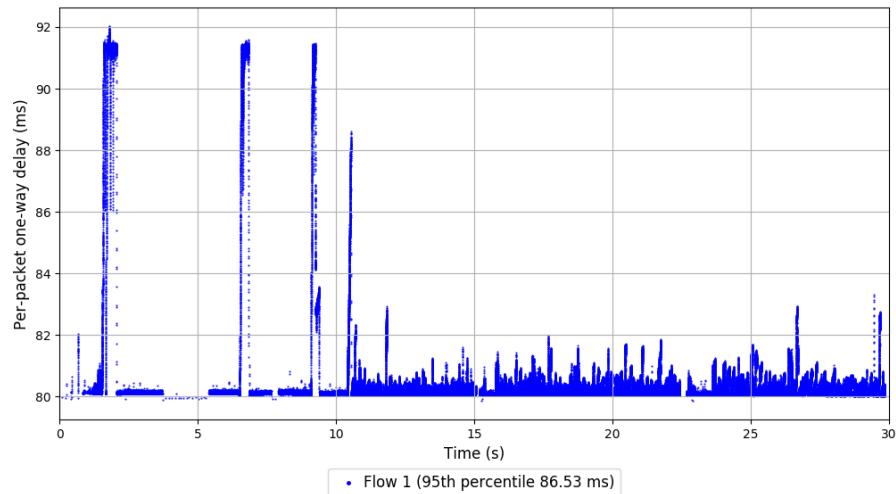
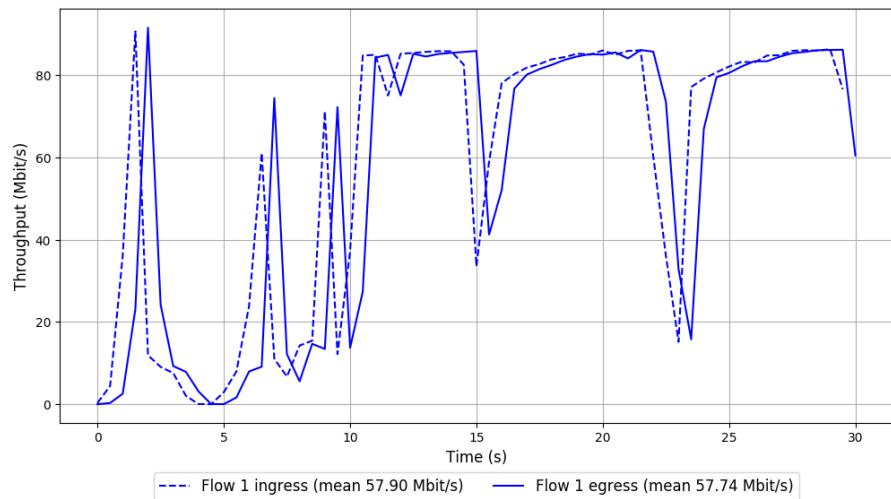


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-08-01 19:17:35
End at: 2018-08-01 19:18:05
Local clock offset: -6.646 ms
Remote clock offset: 5.669 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.74 Mbit/s
95th percentile per-packet one-way delay: 86.535 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 57.74 Mbit/s
95th percentile per-packet one-way delay: 86.535 ms
Loss rate: 0.82%
```

Run 10: Report of QUIC Cubic — Data Link

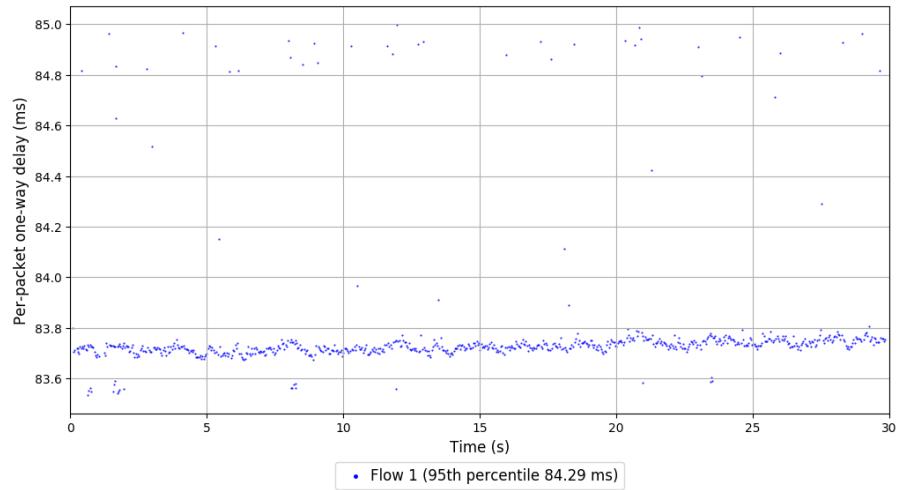
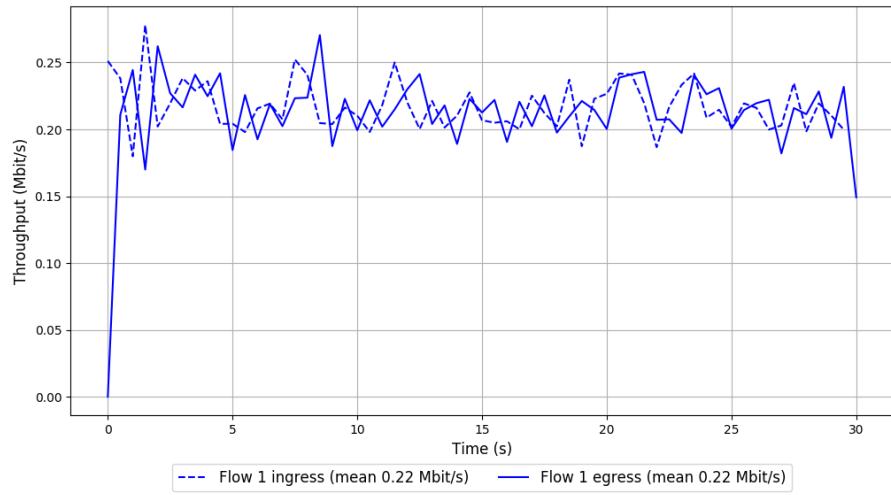


Run 1: Statistics of SCReAM

```
Start at: 2018-08-01 16:20:10
End at: 2018-08-01 16:20:40
Local clock offset: -9.188 ms
Remote clock offset: 4.821 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.291 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.291 ms
Loss rate: 0.64%
```

Run 1: Report of SCReAM — Data Link

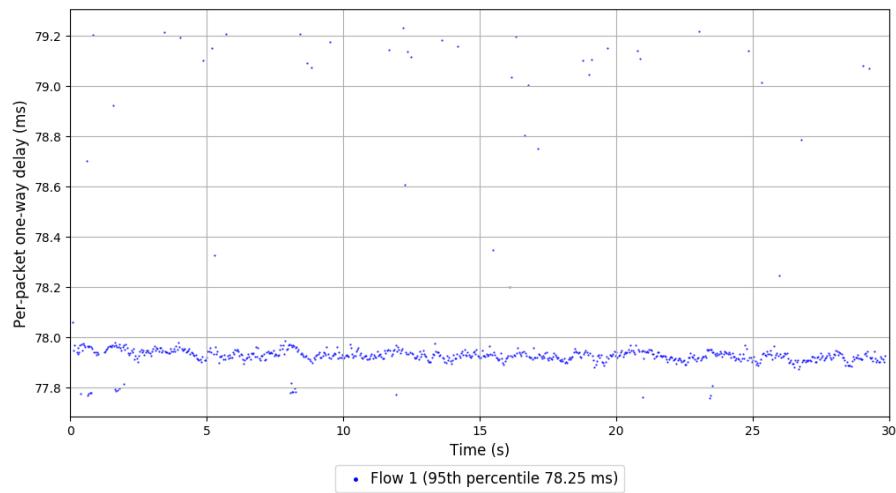
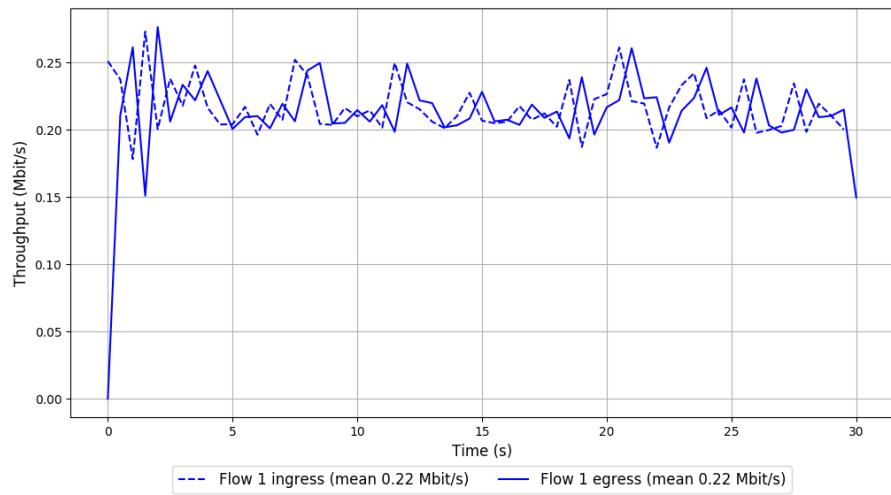


Run 2: Statistics of SCReAM

```
Start at: 2018-08-01 16:40:02
End at: 2018-08-01 16:40:32
Local clock offset: -7.224 ms
Remote clock offset: 7.997 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.245 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.245 ms
Loss rate: 0.64%
```

Run 2: Report of SCReAM — Data Link

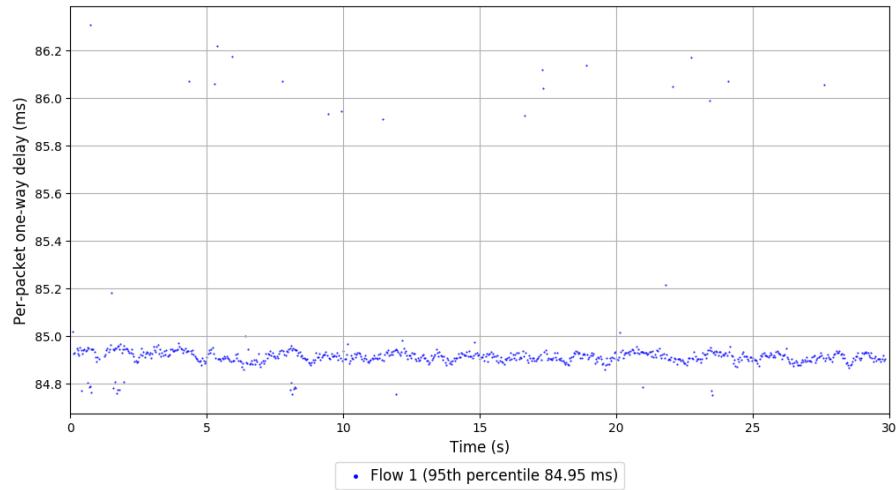
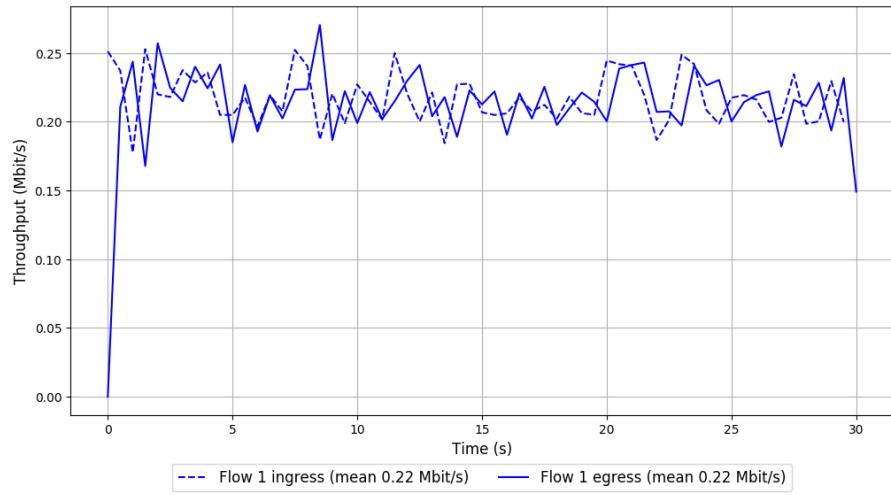


Run 3: Statistics of SCReAM

```
Start at: 2018-08-01 16:59:57
End at: 2018-08-01 17:00:27
Local clock offset: -7.203 ms
Remote clock offset: 2.691 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.955 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.955 ms
Loss rate: 0.64%
```

Run 3: Report of SCReAM — Data Link

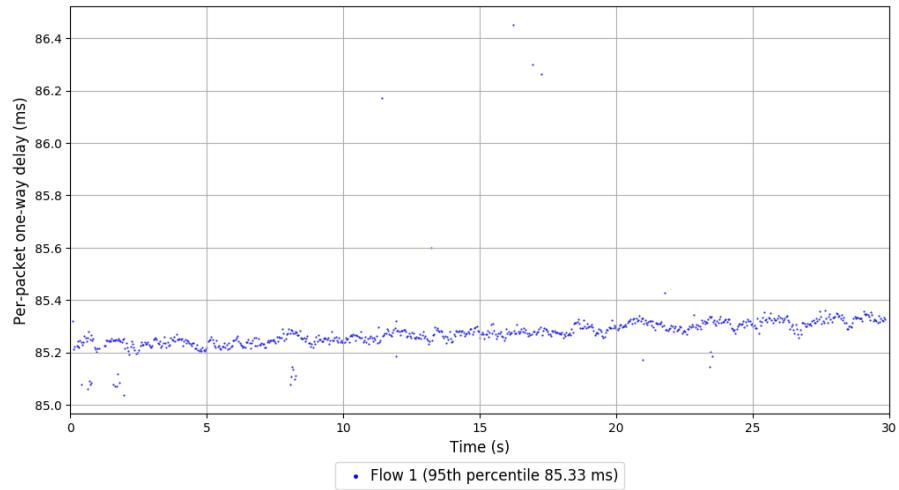
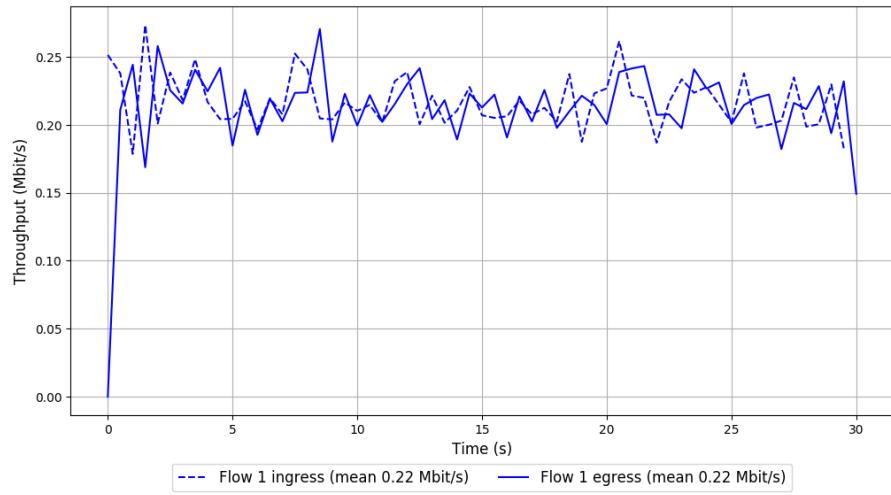


Run 4: Statistics of SCReAM

```
Start at: 2018-08-01 17:19:52
End at: 2018-08-01 17:20:22
Local clock offset: -7.607 ms
Remote clock offset: 10.0 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.334 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.334 ms
Loss rate: 0.51%
```

Run 4: Report of SCReAM — Data Link

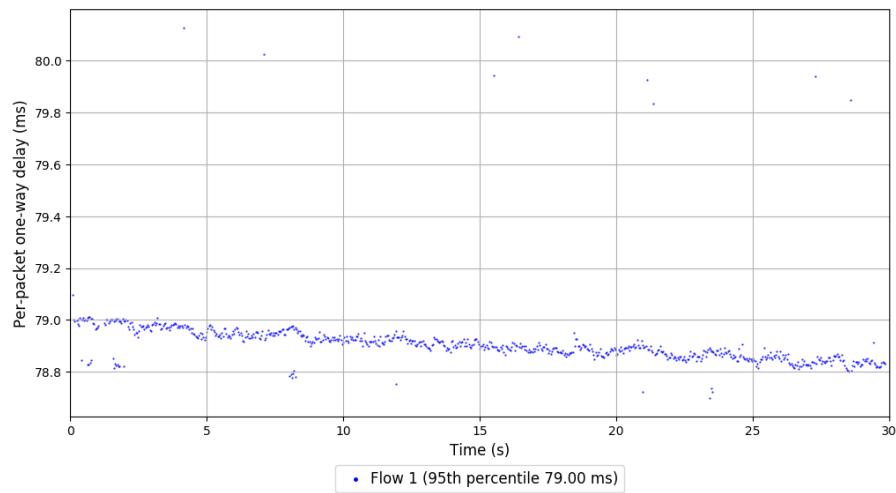
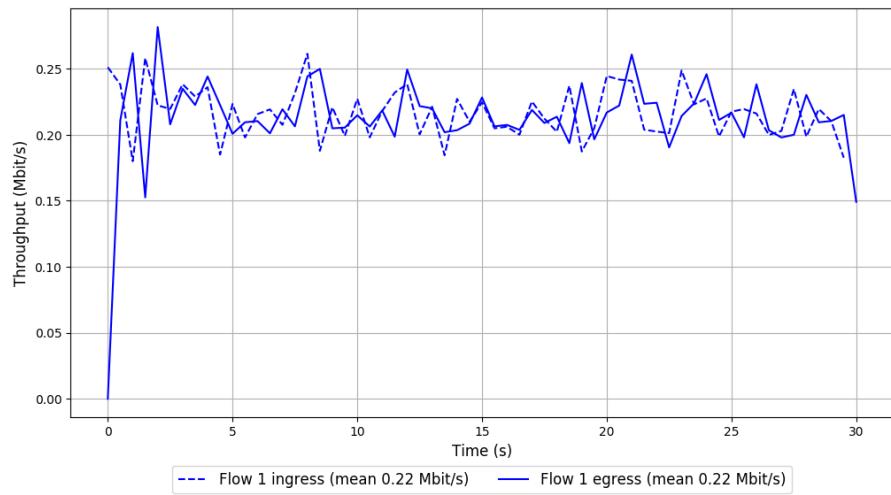


Run 5: Statistics of SCReAM

```
Start at: 2018-08-01 17:39:58
End at: 2018-08-01 17:40:28
Local clock offset: -6.639 ms
Remote clock offset: 15.758 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.996 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.996 ms
Loss rate: 0.51%
```

Run 5: Report of SCReAM — Data Link

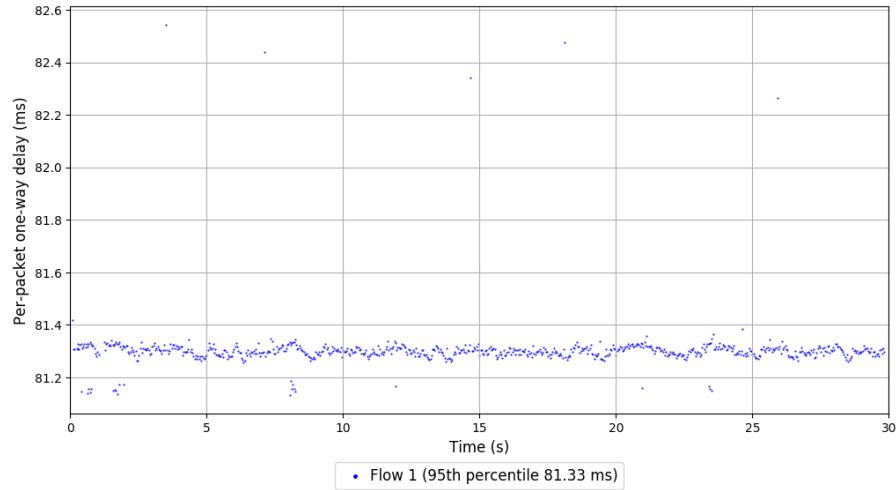
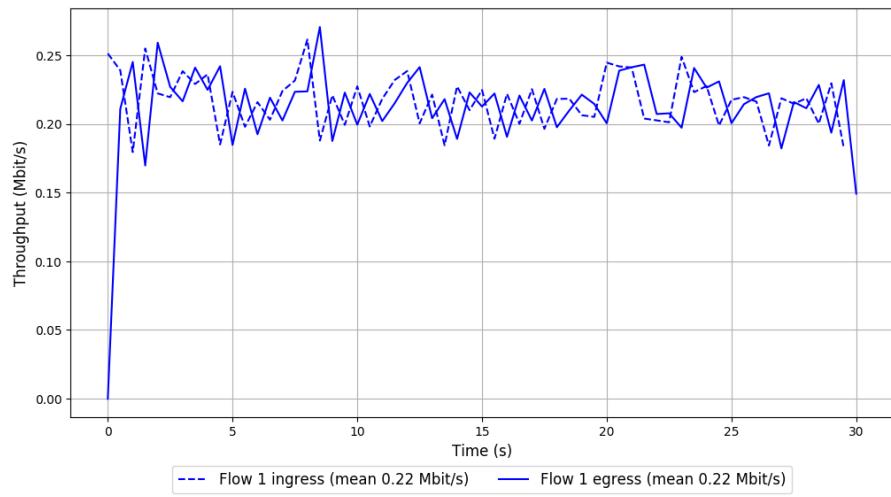


Run 6: Statistics of SCReAM

```
Start at: 2018-08-01 17:59:51
End at: 2018-08-01 18:00:21
Local clock offset: -6.626 ms
Remote clock offset: 11.093 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.330 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.330 ms
Loss rate: 0.51%
```

Run 6: Report of SCReAM — Data Link

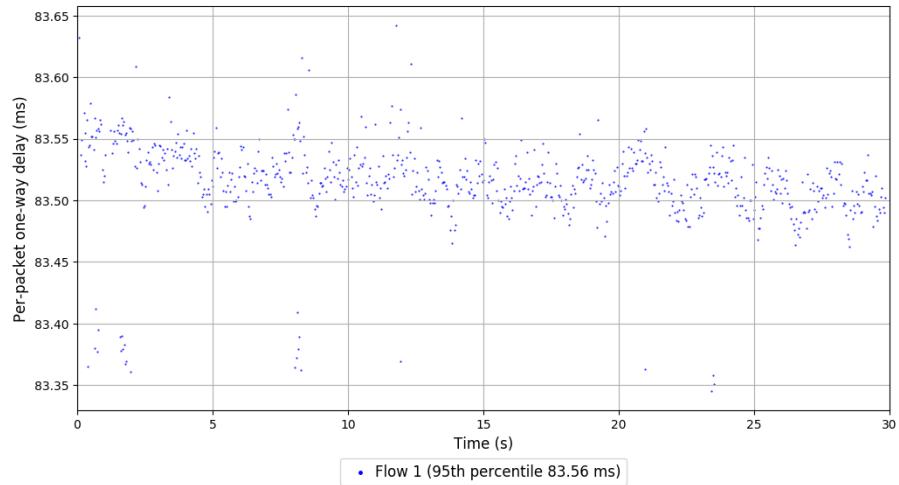
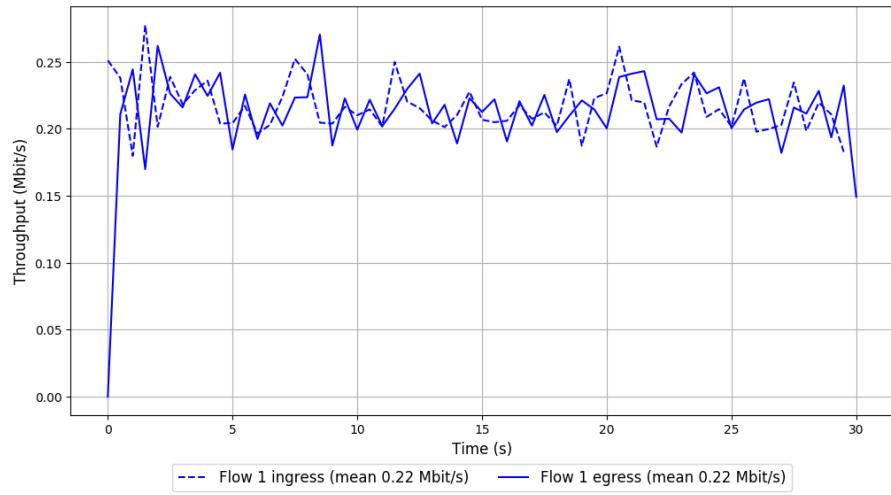


Run 7: Statistics of SCReAM

```
Start at: 2018-08-01 18:20:06
End at: 2018-08-01 18:20:36
Local clock offset: -6.814 ms
Remote clock offset: 10.587 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.557 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.557 ms
Loss rate: 0.51%
```

Run 7: Report of SCReAM — Data Link

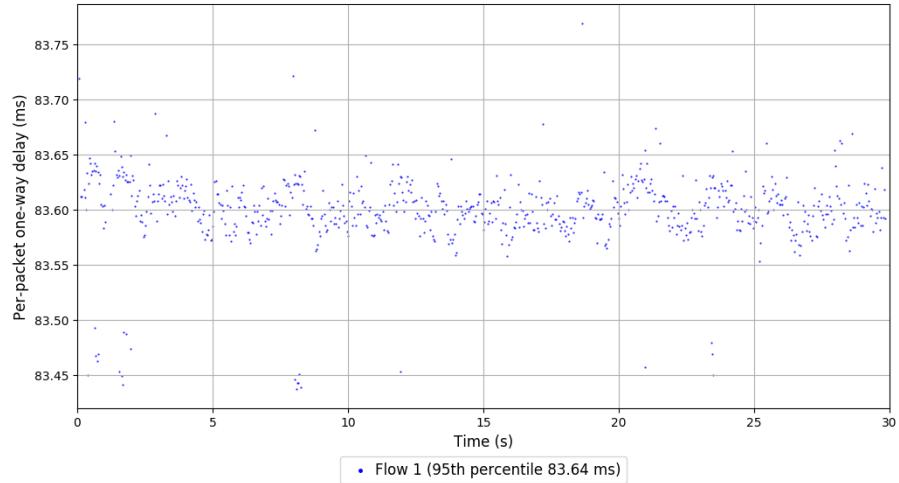
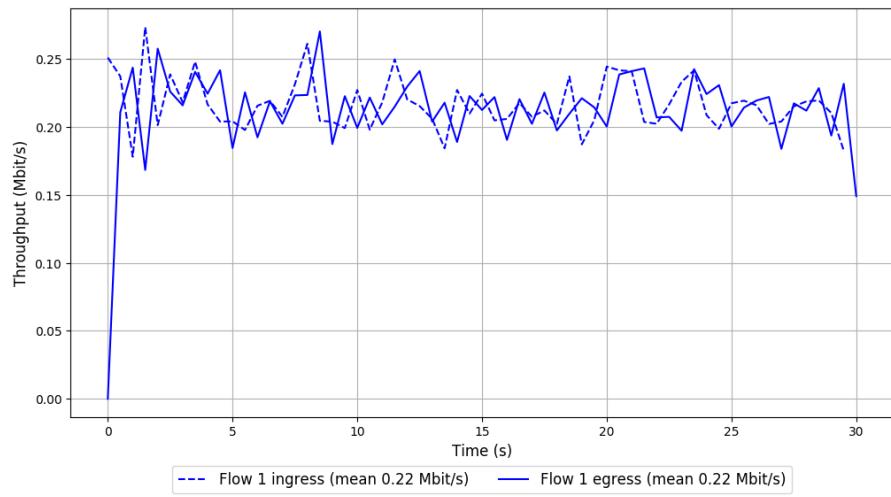


Run 8: Statistics of SCReAM

```
Start at: 2018-08-01 18:40:01
End at: 2018-08-01 18:40:31
Local clock offset: -6.687 ms
Remote clock offset: 10.208 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.636 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.636 ms
Loss rate: 0.51%
```

Run 8: Report of SCReAM — Data Link

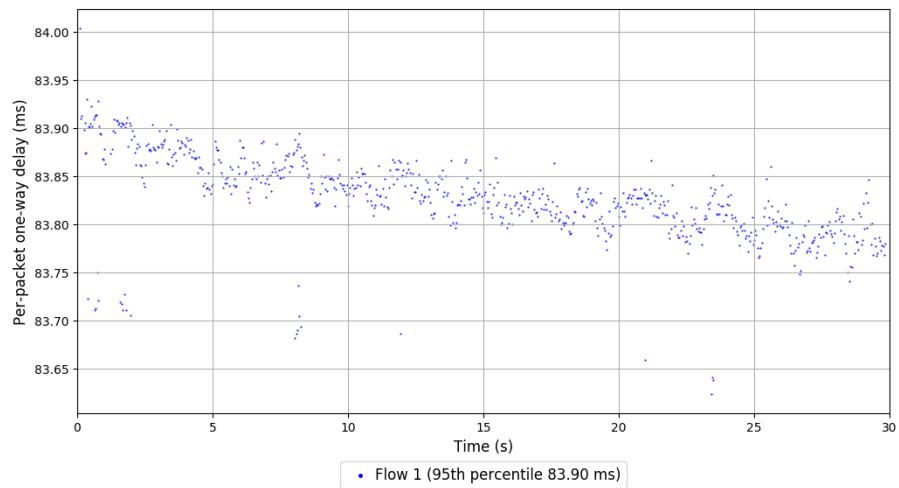
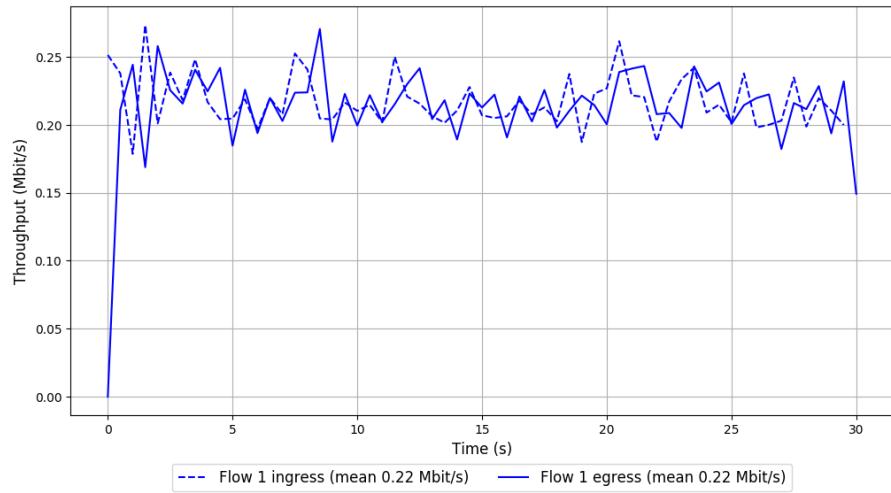


Run 9: Statistics of SCReAM

```
Start at: 2018-08-01 18:59:58
End at: 2018-08-01 19:00:28
Local clock offset: -6.639 ms
Remote clock offset: 4.42 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.896 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.896 ms
Loss rate: 0.64%
```

Run 9: Report of SCReAM — Data Link

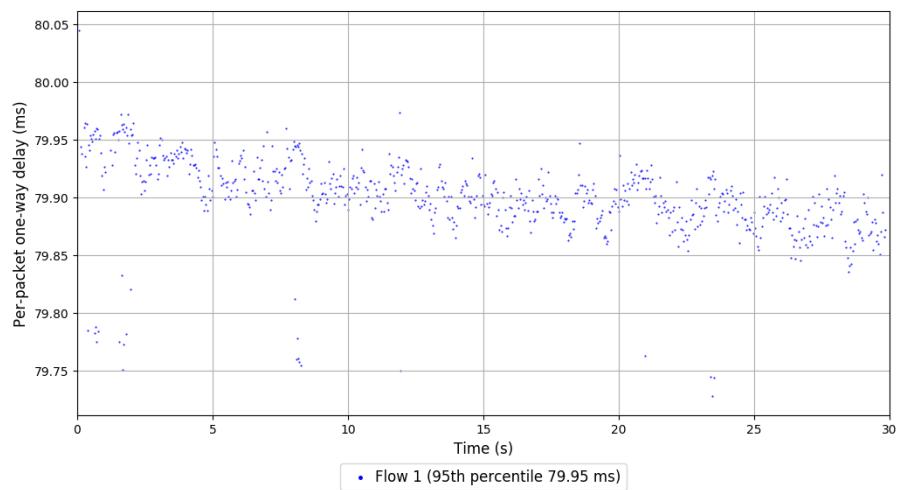
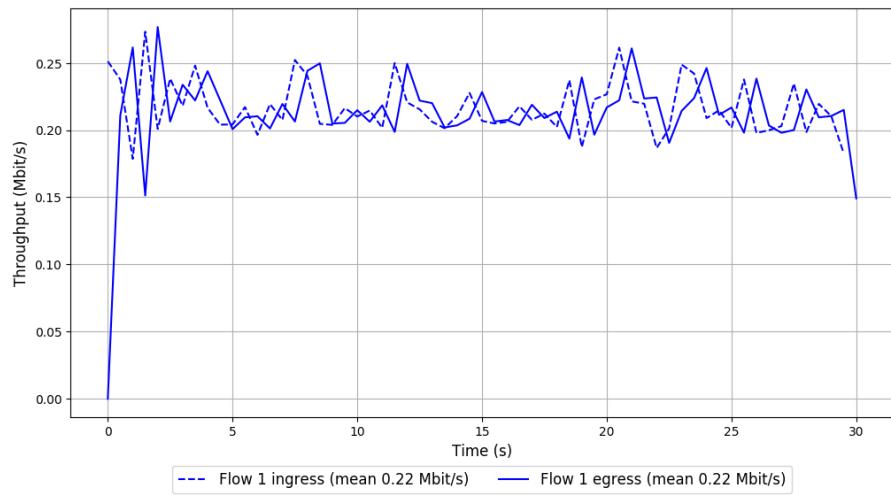


Run 10: Statistics of SCReAM

```
Start at: 2018-08-01 19:19:56
End at: 2018-08-01 19:20:26
Local clock offset: -6.708 ms
Remote clock offset: 5.449 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.948 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.948 ms
Loss rate: 0.51%
```

Run 10: Report of SCReAM — Data Link

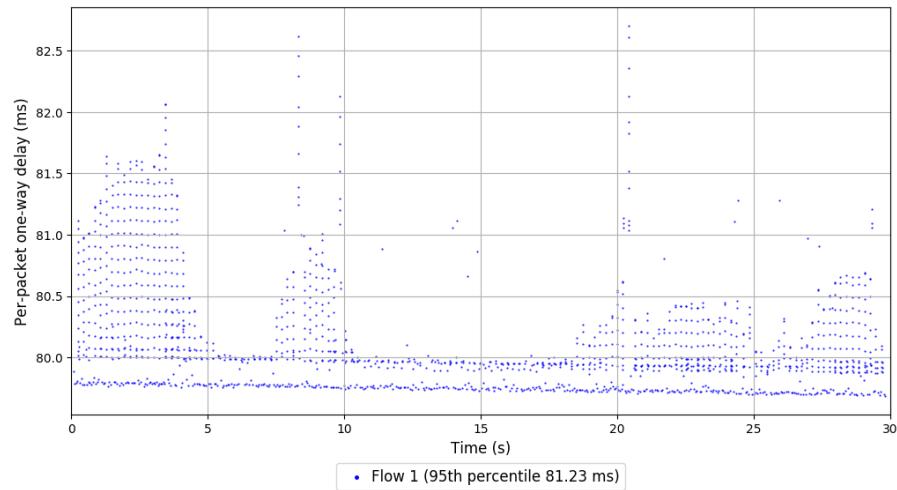
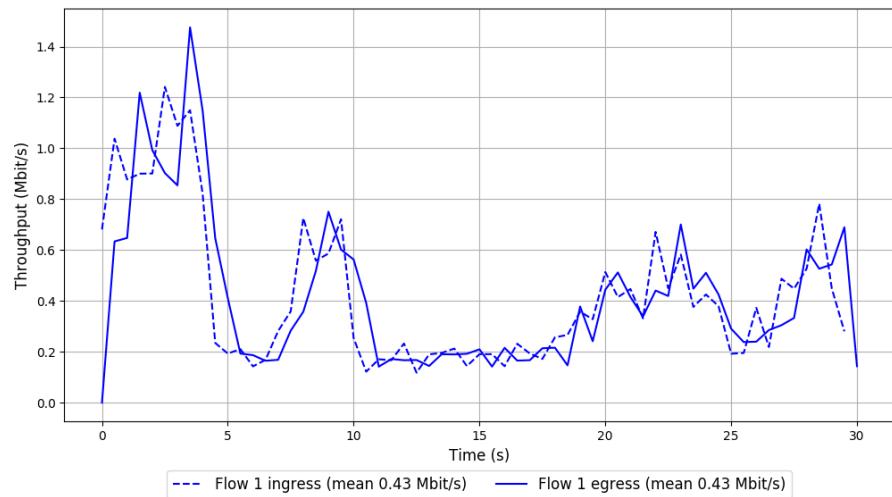


Run 1: Statistics of Sprout

```
Start at: 2018-08-01 16:30:38
End at: 2018-08-01 16:31:08
Local clock offset: -7.691 ms
Remote clock offset: 8.471 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 81.230 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 81.230 ms
Loss rate: 0.54%
```

Run 1: Report of Sprout — Data Link

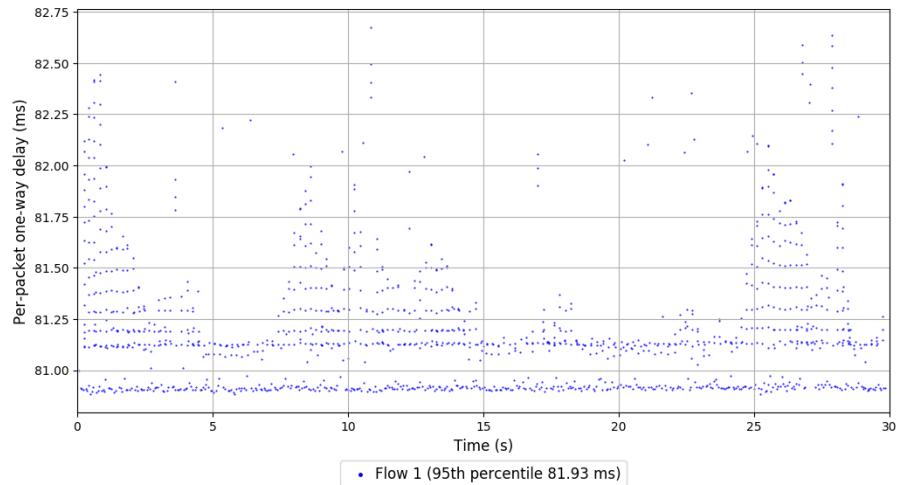
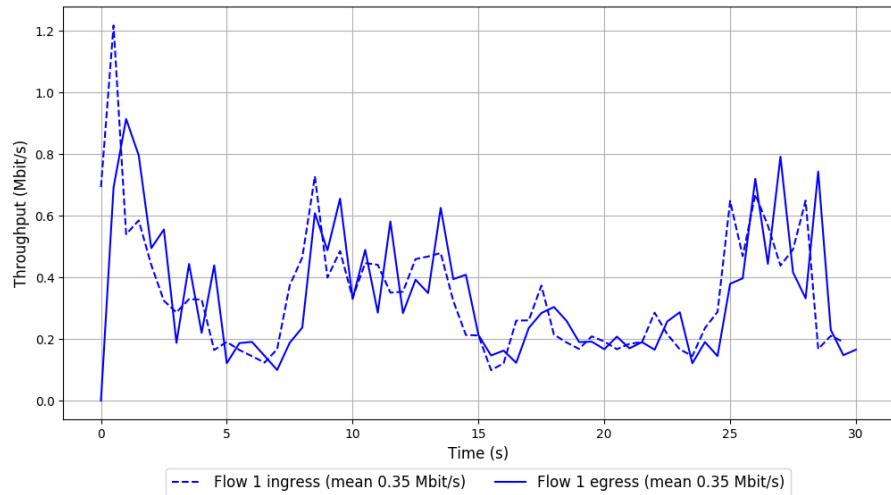


Run 2: Statistics of Sprout

```
Start at: 2018-08-01 16:50:34
End at: 2018-08-01 16:51:04
Local clock offset: -7.443 ms
Remote clock offset: 6.593 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 81.933 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 81.933 ms
Loss rate: 0.56%
```

Run 2: Report of Sprout — Data Link

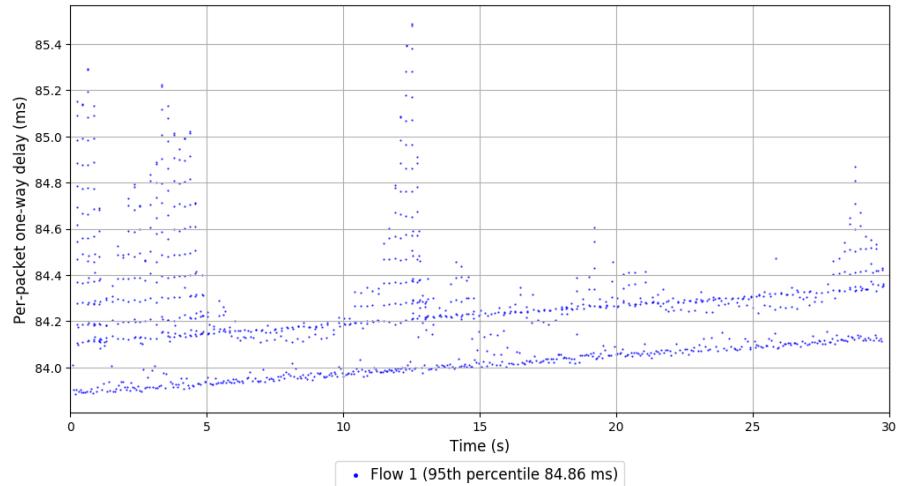
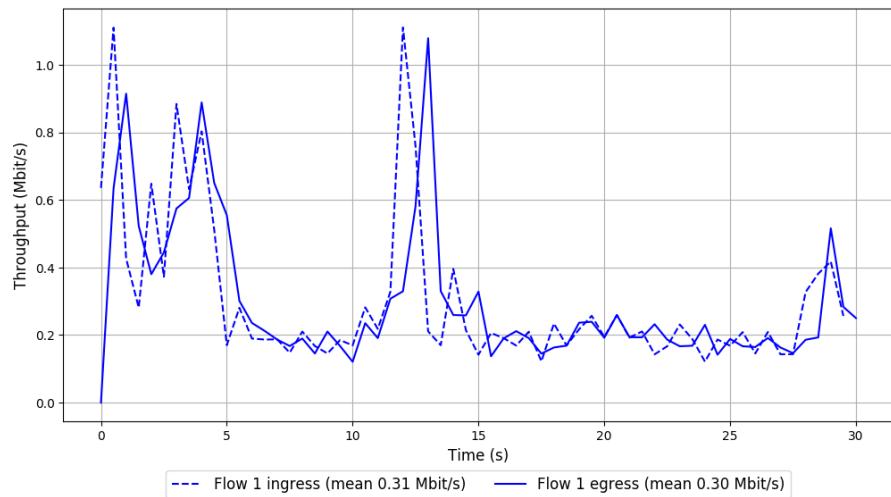


Run 3: Statistics of Sprout

```
Start at: 2018-08-01 17:10:28
End at: 2018-08-01 17:10:58
Local clock offset: -7.31 ms
Remote clock offset: 8.056 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 84.861 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 84.861 ms
Loss rate: 0.78%
```

Run 3: Report of Sprout — Data Link

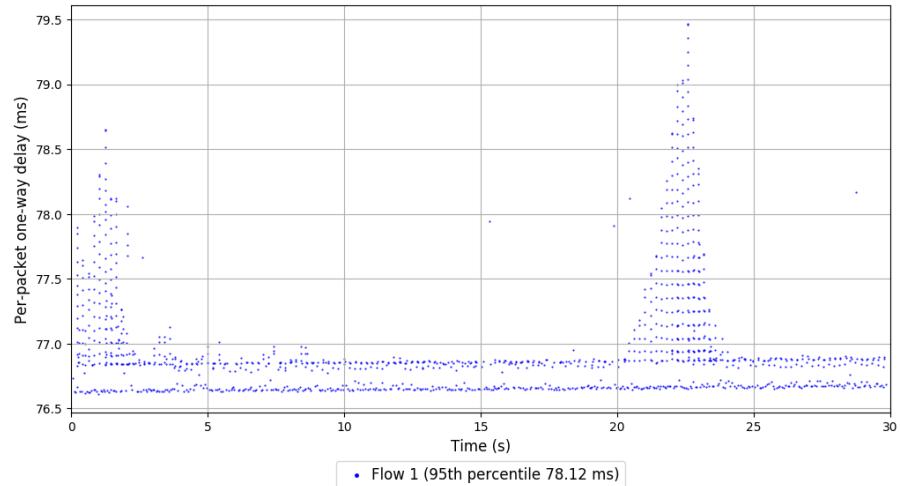
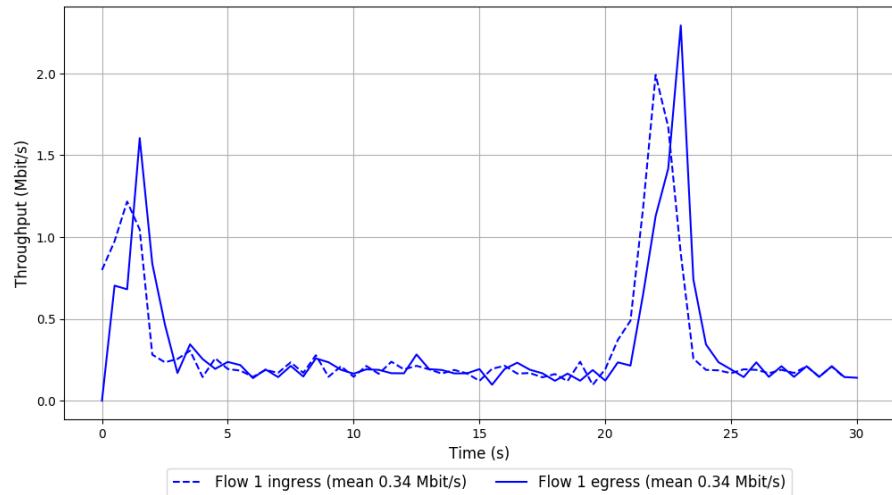


Run 4: Statistics of Sprout

```
Start at: 2018-08-01 17:30:25
End at: 2018-08-01 17:30:55
Local clock offset: -6.863 ms
Remote clock offset: 17.567 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 78.118 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 78.118 ms
Loss rate: 0.34%
```

Run 4: Report of Sprout — Data Link

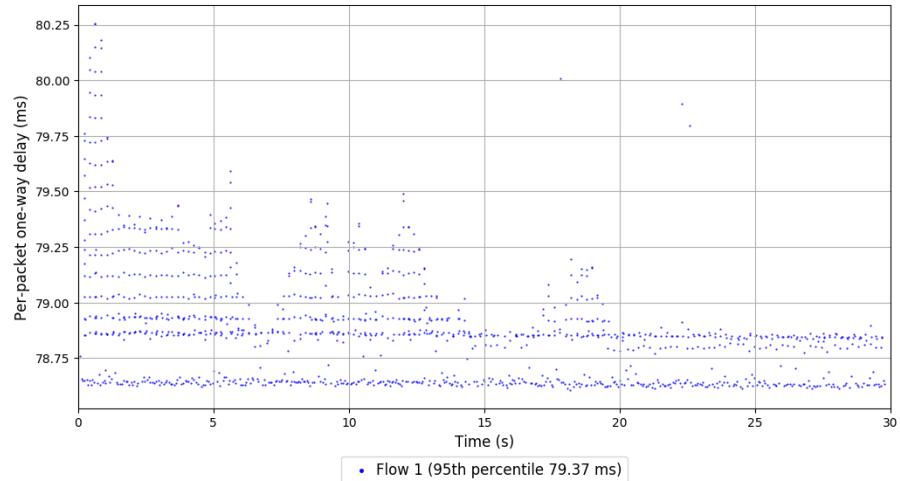
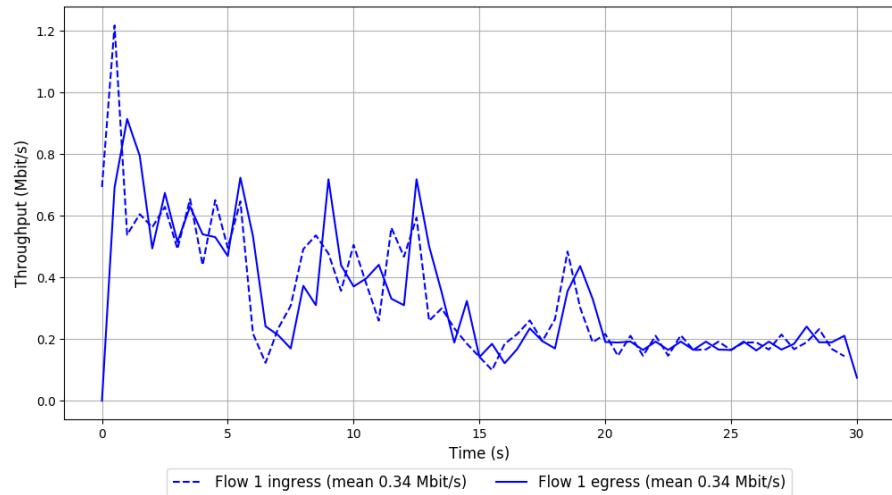


Run 5: Statistics of Sprout

```
Start at: 2018-08-01 17:50:29
End at: 2018-08-01 17:50:59
Local clock offset: -6.66 ms
Remote clock offset: 16.28 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 79.369 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 79.369 ms
Loss rate: 0.35%
```

Run 5: Report of Sprout — Data Link

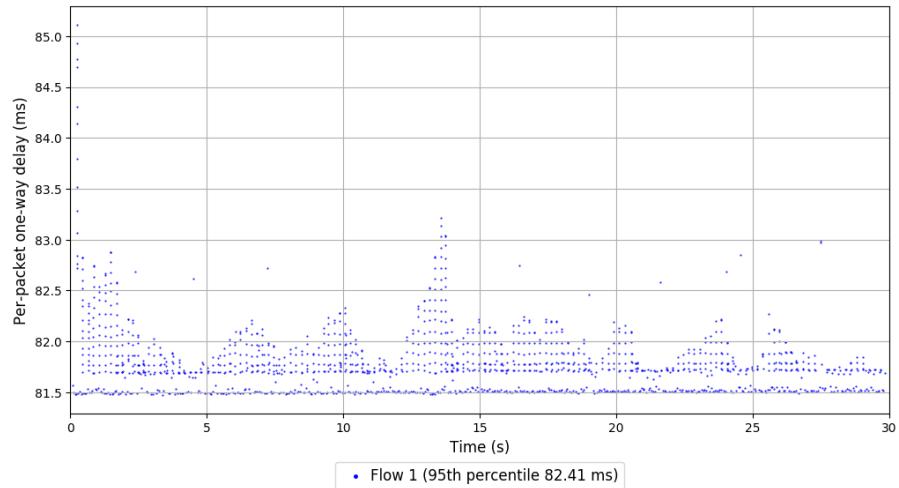
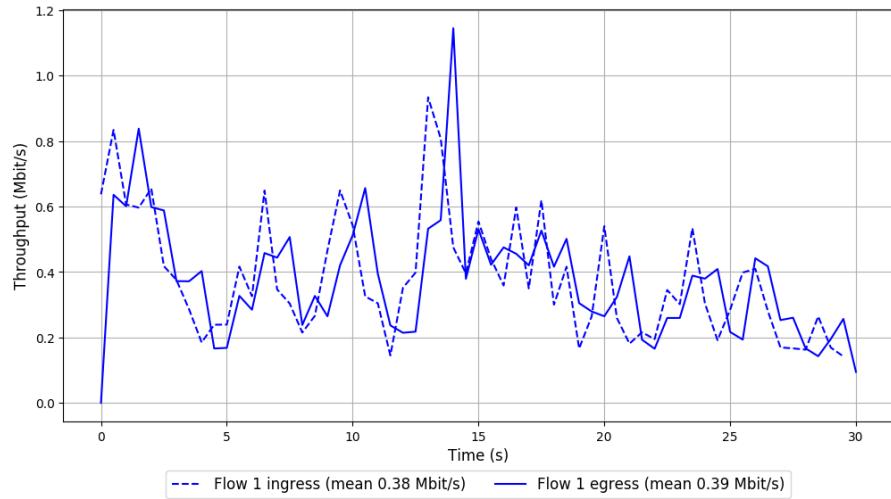


Run 6: Statistics of Sprout

```
Start at: 2018-08-01 18:10:33
End at: 2018-08-01 18:11:03
Local clock offset: -6.707 ms
Remote clock offset: 11.291 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 82.411 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 82.411 ms
Loss rate: 0.22%
```

Run 6: Report of Sprout — Data Link

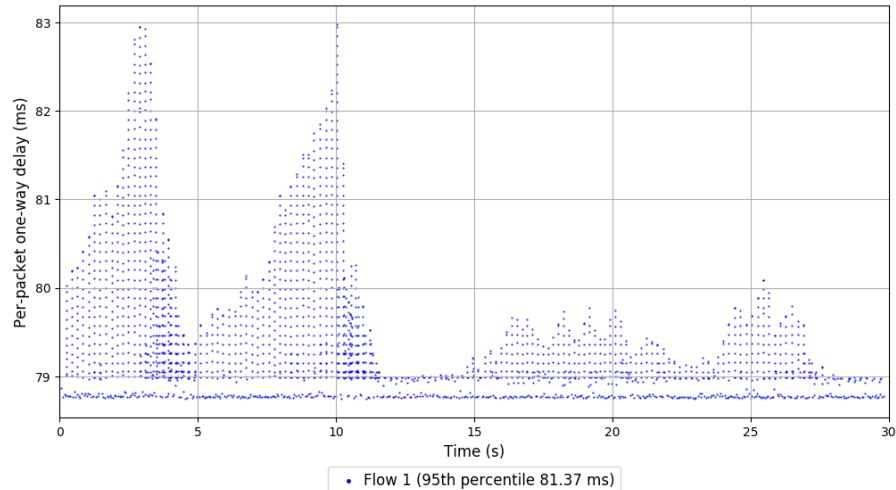
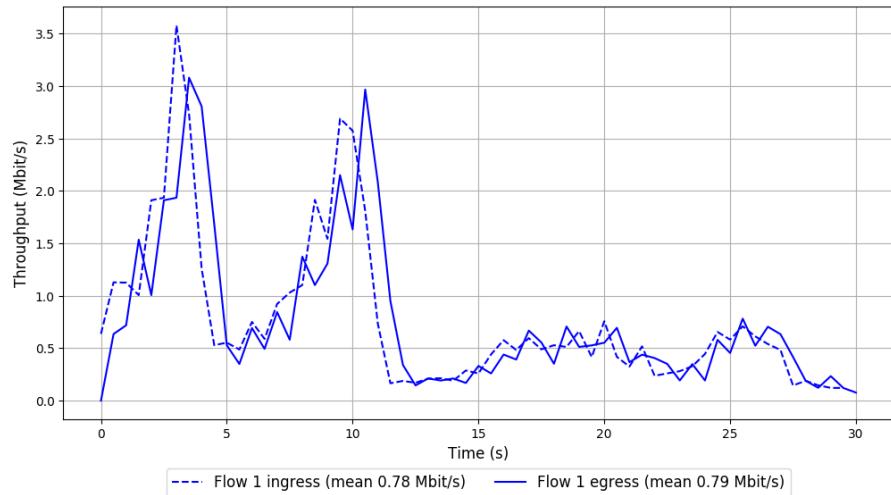


Run 7: Statistics of Sprout

```
Start at: 2018-08-01 18:30:38
End at: 2018-08-01 18:31:08
Local clock offset: -6.71 ms
Remote clock offset: 15.103 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 81.368 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 81.368 ms
Loss rate: 0.10%
```

Run 7: Report of Sprout — Data Link

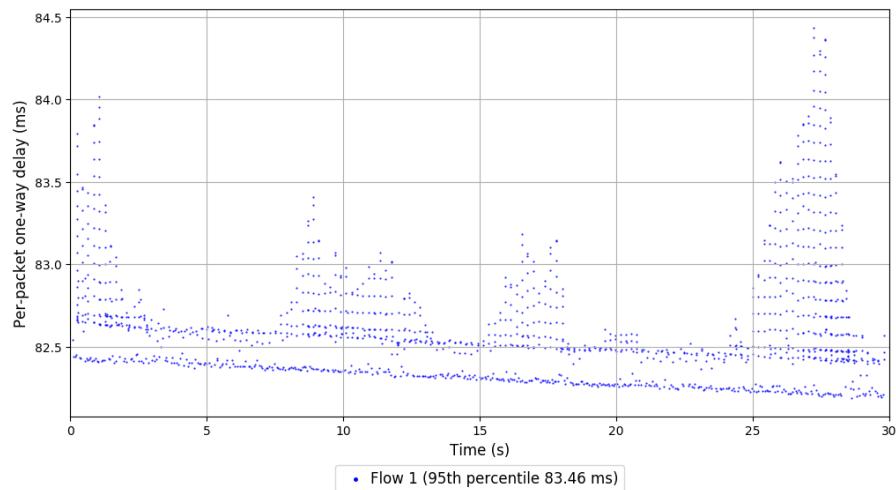
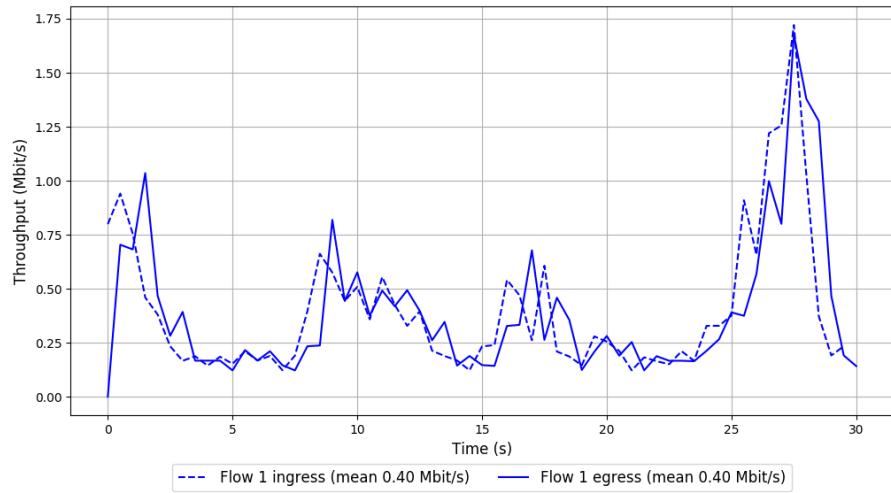


Run 8: Statistics of Sprout

```
Start at: 2018-08-01 18:50:32
End at: 2018-08-01 18:51:02
Local clock offset: -6.704 ms
Remote clock offset: 6.585 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 83.457 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 83.457 ms
Loss rate: 0.39%
```

Run 8: Report of Sprout — Data Link

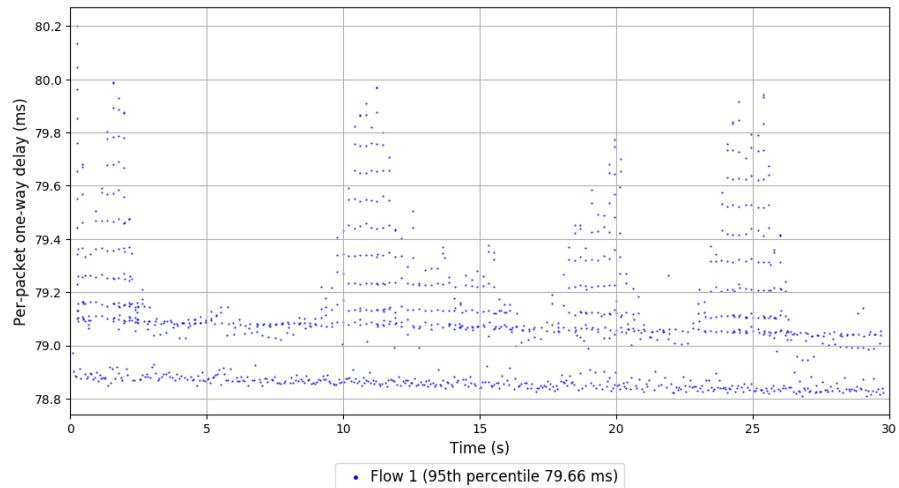
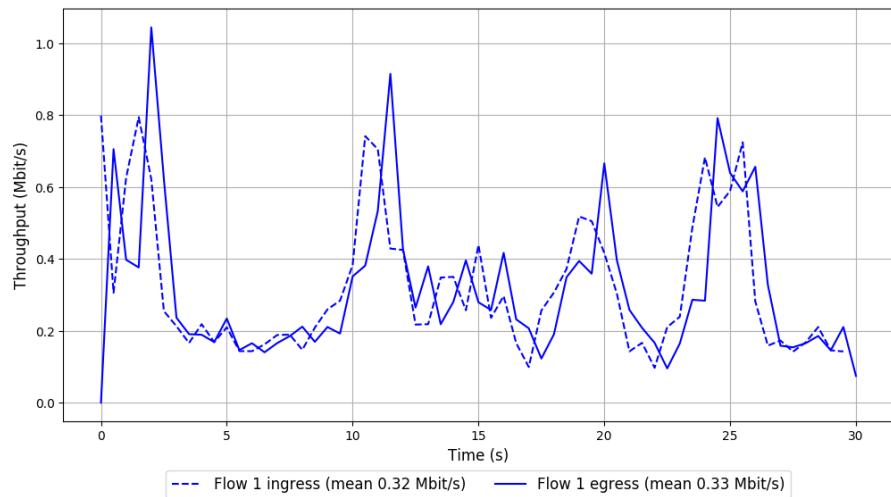


Run 9: Statistics of Sprout

```
Start at: 2018-08-01 19:10:30
End at: 2018-08-01 19:11:00
Local clock offset: -6.667 ms
Remote clock offset: 7.737 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 79.659 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 79.659 ms
Loss rate: 0.37%
```

Run 9: Report of Sprout — Data Link

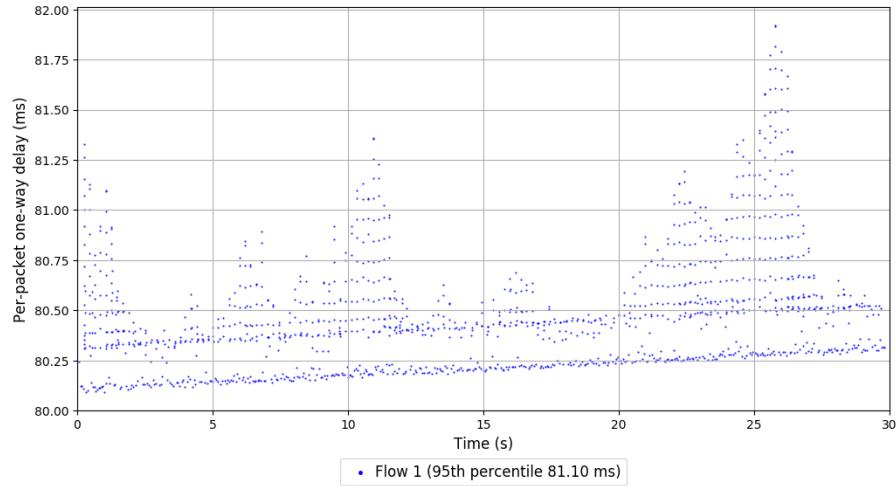
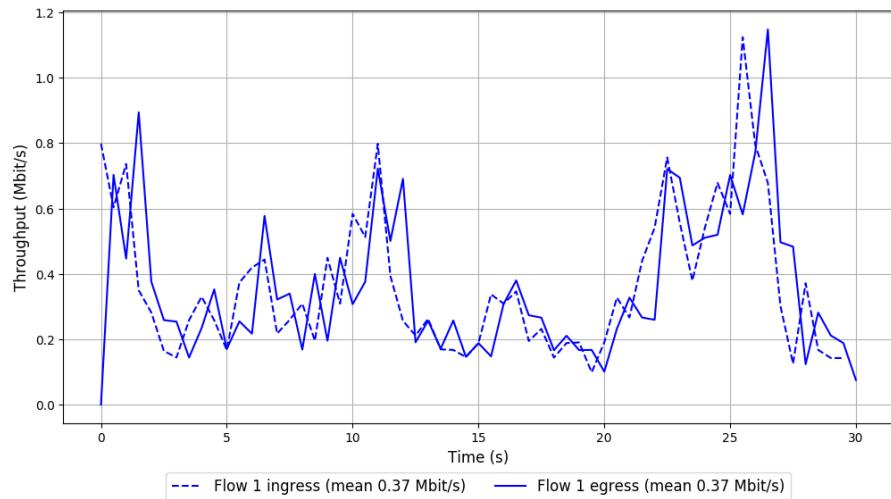


Run 10: Statistics of Sprout

```
Start at: 2018-08-01 19:30:26
End at: 2018-08-01 19:30:56
Local clock offset: -6.26 ms
Remote clock offset: 12.774 ms

# Below is generated by plot.py at 2018-08-01 19:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 81.098 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 81.098 ms
Loss rate: 0.32%
```

Run 10: Report of Sprout — Data Link

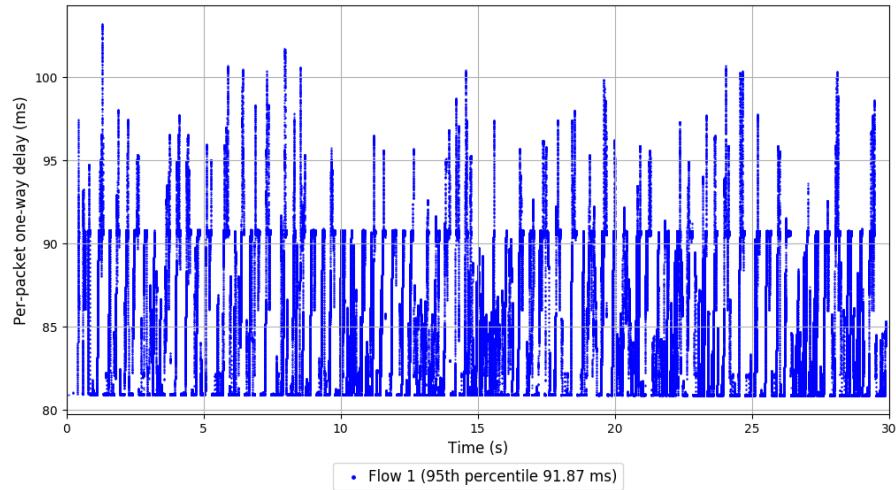
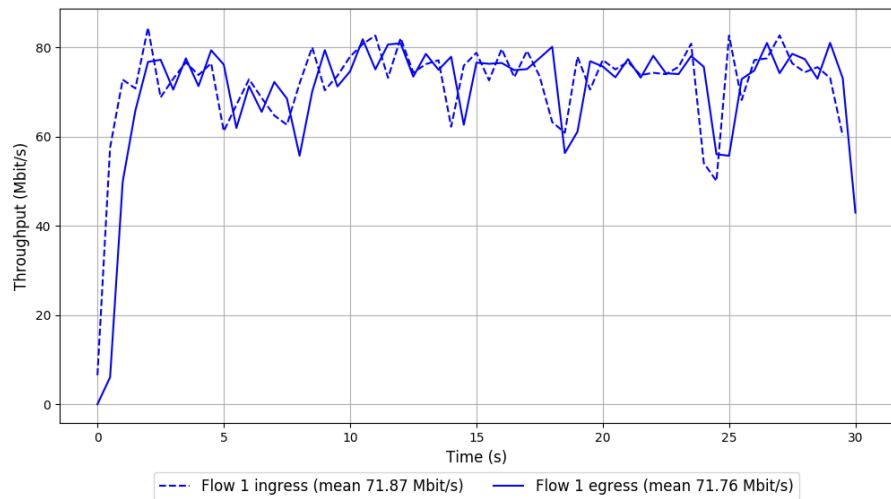


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-08-01 16:28:16
End at: 2018-08-01 16:28:46
Local clock offset: -8.008 ms
Remote clock offset: 7.511 ms

# Below is generated by plot.py at 2018-08-01 19:54:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.76 Mbit/s
95th percentile per-packet one-way delay: 91.874 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 71.76 Mbit/s
95th percentile per-packet one-way delay: 91.874 ms
Loss rate: 0.62%
```

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

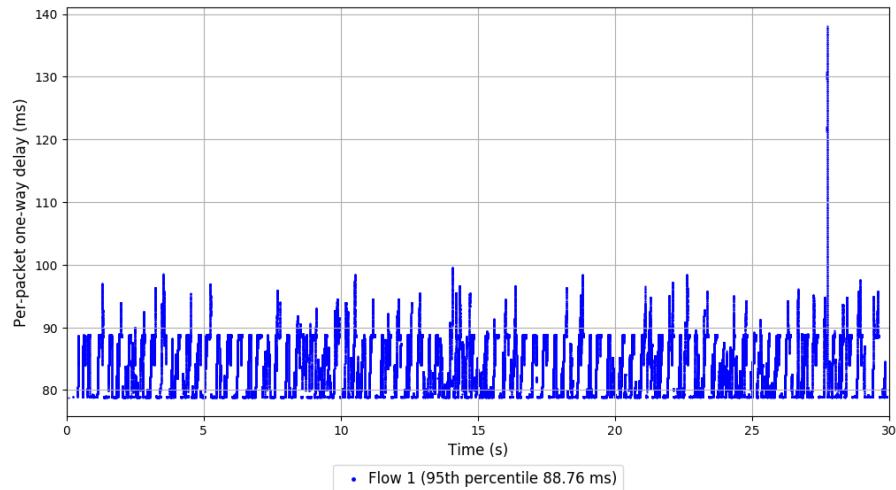
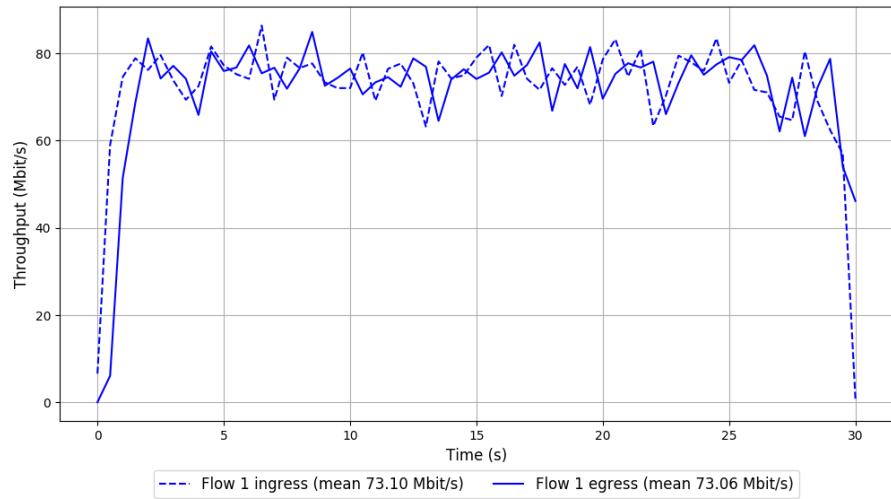


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-08-01 16:48:10
End at: 2018-08-01 16:48:40
Local clock offset: -7.307 ms
Remote clock offset: 8.905 ms

# Below is generated by plot.py at 2018-08-01 19:54:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.06 Mbit/s
95th percentile per-packet one-way delay: 88.761 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 73.06 Mbit/s
95th percentile per-packet one-way delay: 88.761 ms
Loss rate: 0.62%
```

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

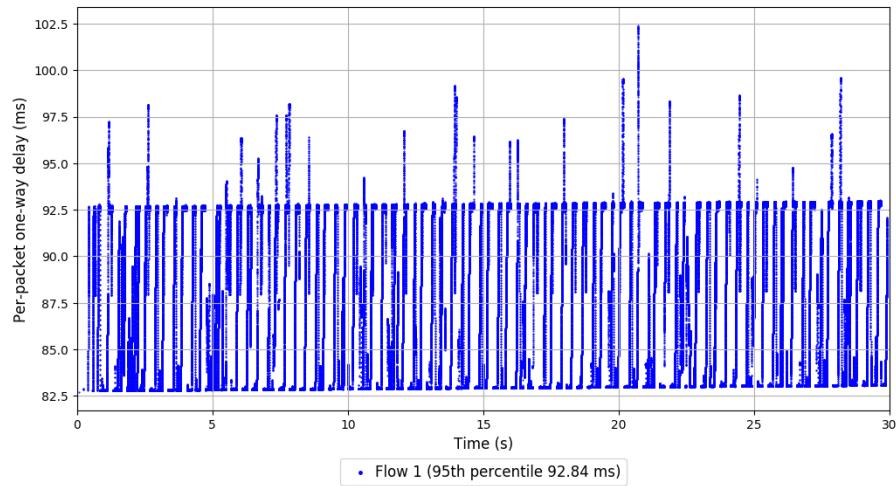
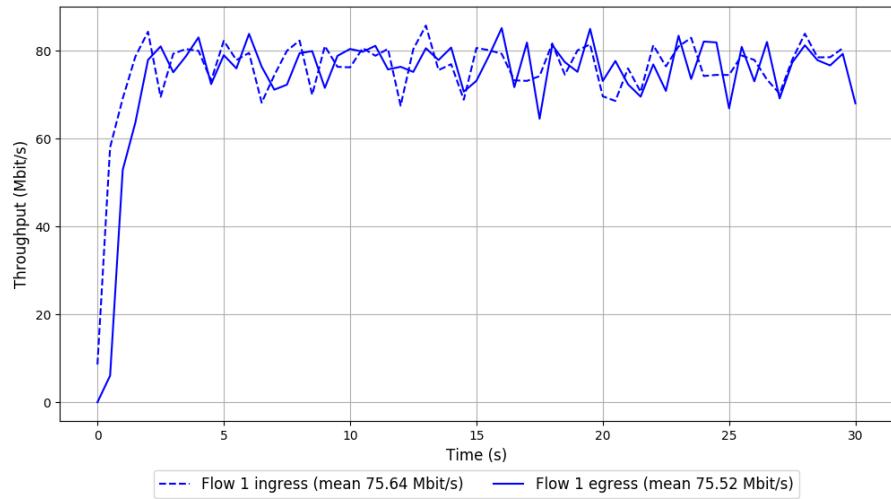


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-08-01 17:08:05
End at: 2018-08-01 17:08:35
Local clock offset: -7.26 ms
Remote clock offset: 5.489 ms

# Below is generated by plot.py at 2018-08-01 19:54:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.52 Mbit/s
95th percentile per-packet one-way delay: 92.839 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 75.52 Mbit/s
95th percentile per-packet one-way delay: 92.839 ms
Loss rate: 0.59%
```

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

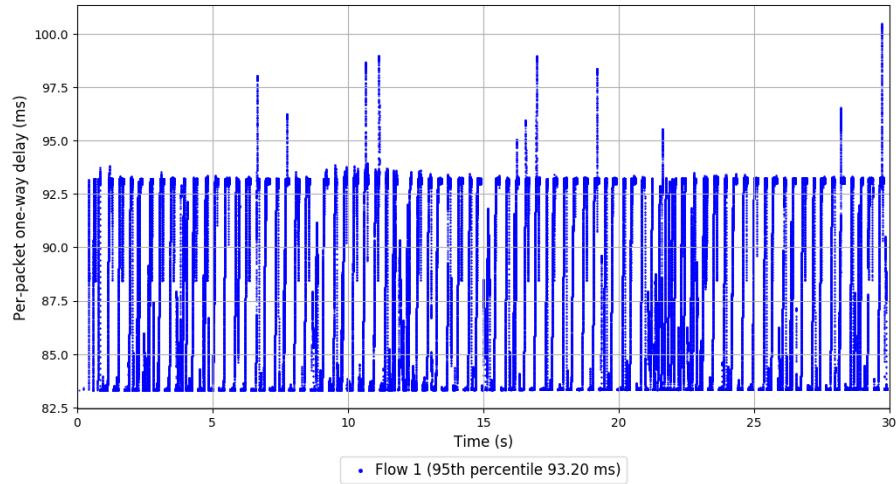
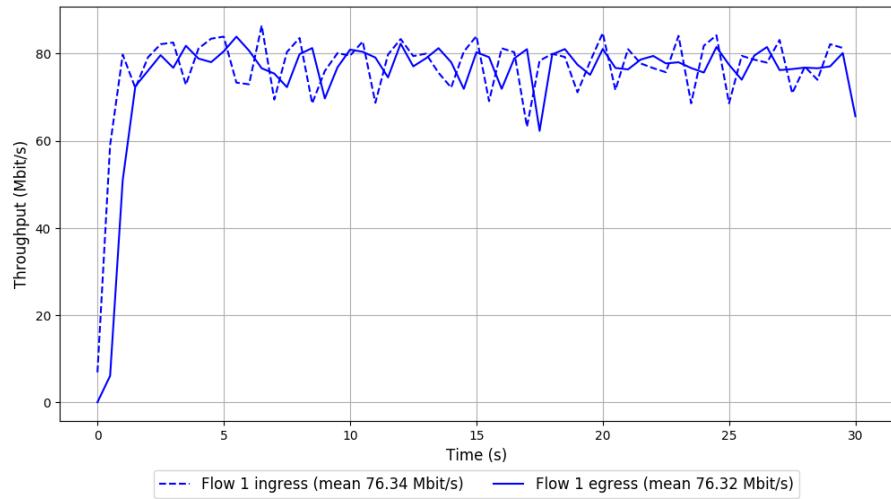


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-08-01 17:28:01
End at: 2018-08-01 17:28:31
Local clock offset: -7.054 ms
Remote clock offset: 12.415 ms

# Below is generated by plot.py at 2018-08-01 19:54:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.32 Mbit/s
95th percentile per-packet one-way delay: 93.200 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 76.32 Mbit/s
95th percentile per-packet one-way delay: 93.200 ms
Loss rate: 0.59%
```

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

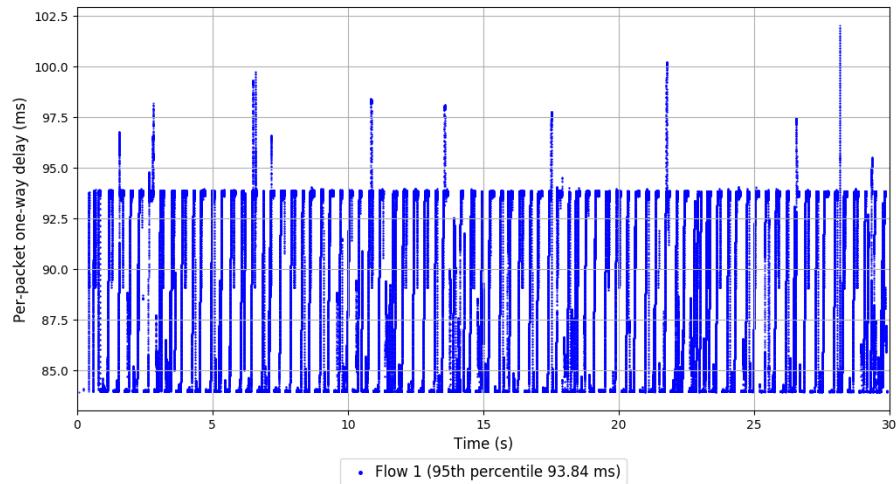
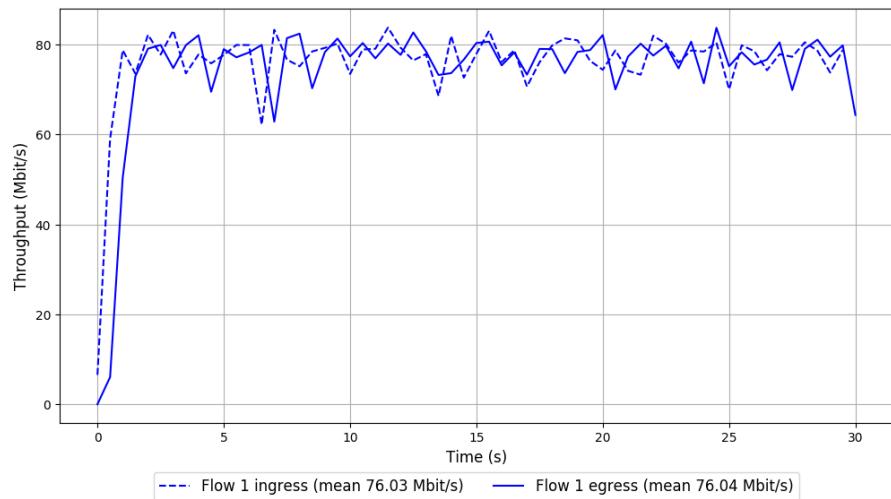


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-08-01 17:48:06
End at: 2018-08-01 17:48:36
Local clock offset: -6.626 ms
Remote clock offset: 11.543 ms

# Below is generated by plot.py at 2018-08-01 19:54:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.04 Mbit/s
95th percentile per-packet one-way delay: 93.836 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 76.04 Mbit/s
95th percentile per-packet one-way delay: 93.836 ms
Loss rate: 0.55%
```

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

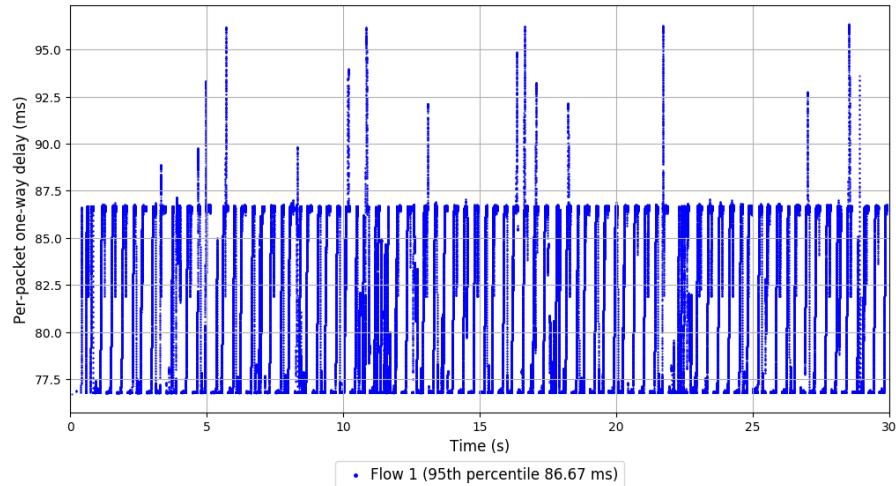
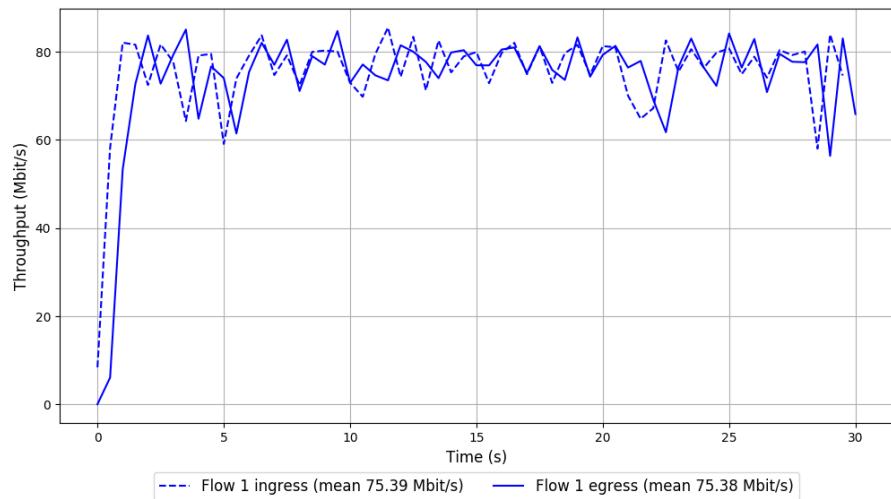


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-08-01 18:08:10
End at: 2018-08-01 18:08:40
Local clock offset: -6.701 ms
Remote clock offset: 16.223 ms

# Below is generated by plot.py at 2018-08-01 19:54:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.38 Mbit/s
95th percentile per-packet one-way delay: 86.666 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 75.38 Mbit/s
95th percentile per-packet one-way delay: 86.666 ms
Loss rate: 0.56%
```

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

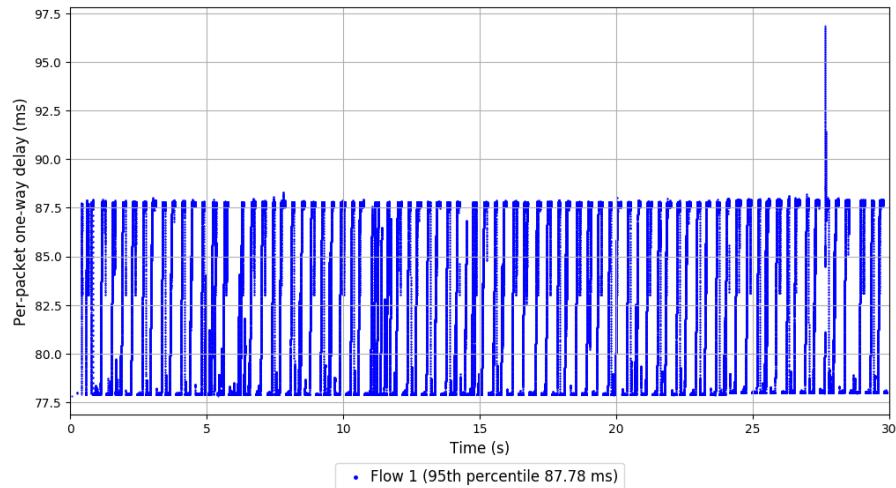
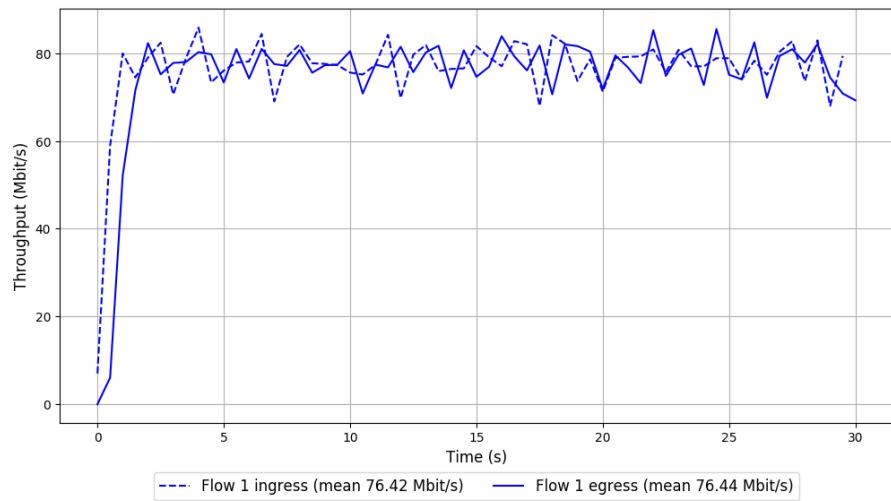


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-08-01 18:28:15
End at: 2018-08-01 18:28:45
Local clock offset: -6.769 ms
Remote clock offset: 14.048 ms

# Below is generated by plot.py at 2018-08-01 19:55:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.44 Mbit/s
95th percentile per-packet one-way delay: 87.782 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 76.44 Mbit/s
95th percentile per-packet one-way delay: 87.782 ms
Loss rate: 0.53%
```

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

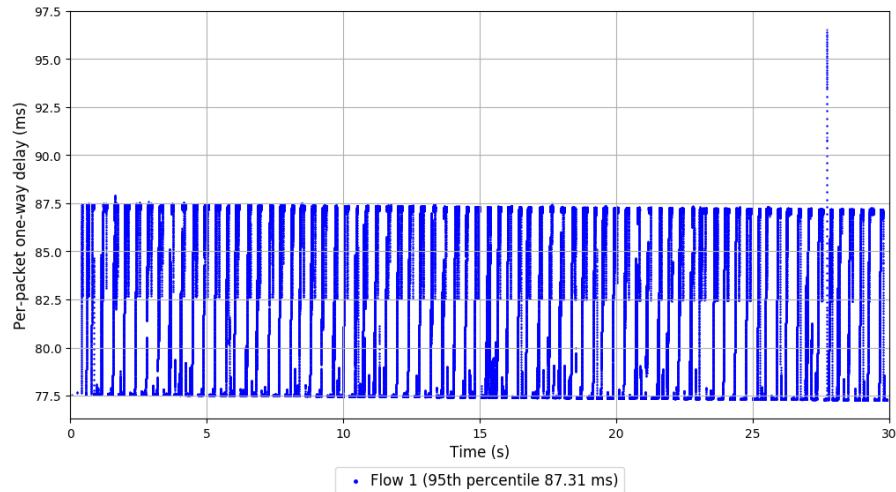
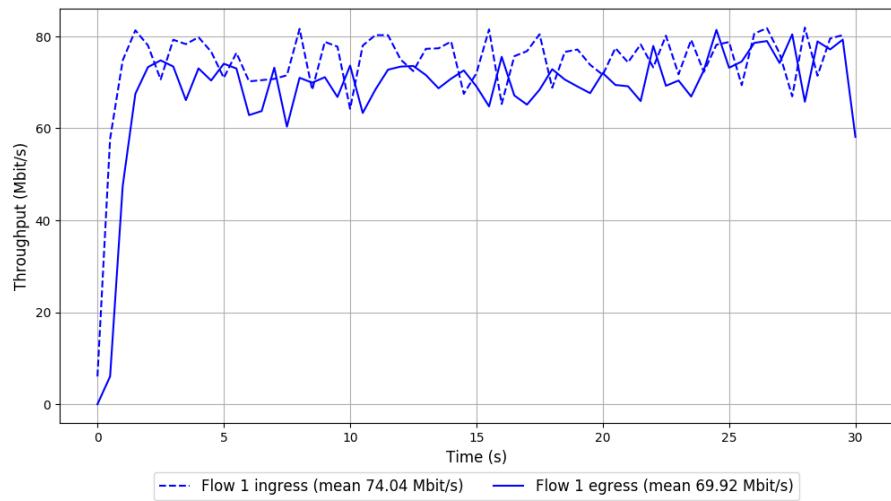


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-08-01 18:48:09
End at: 2018-08-01 18:48:39
Local clock offset: -6.681 ms
Remote clock offset: 12.766 ms

# Below is generated by plot.py at 2018-08-01 19:55:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.92 Mbit/s
95th percentile per-packet one-way delay: 87.311 ms
Loss rate: 6.09%
-- Flow 1:
Average throughput: 69.92 Mbit/s
95th percentile per-packet one-way delay: 87.311 ms
Loss rate: 6.09%
```

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

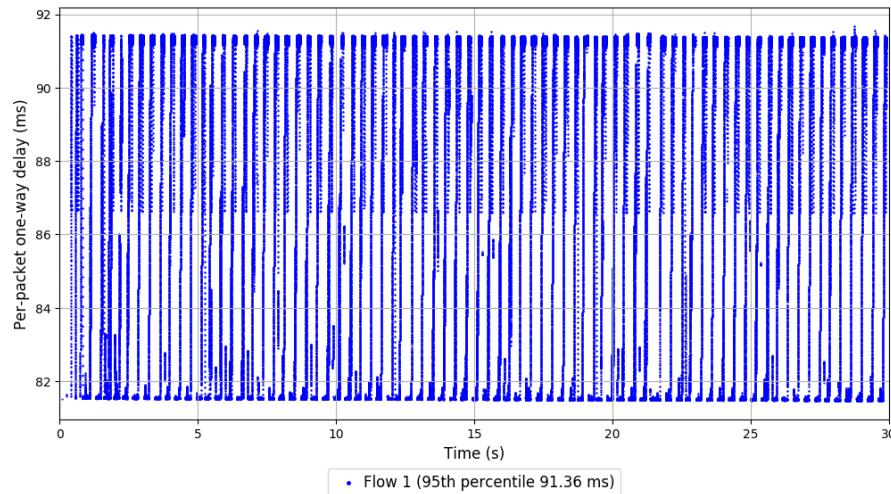
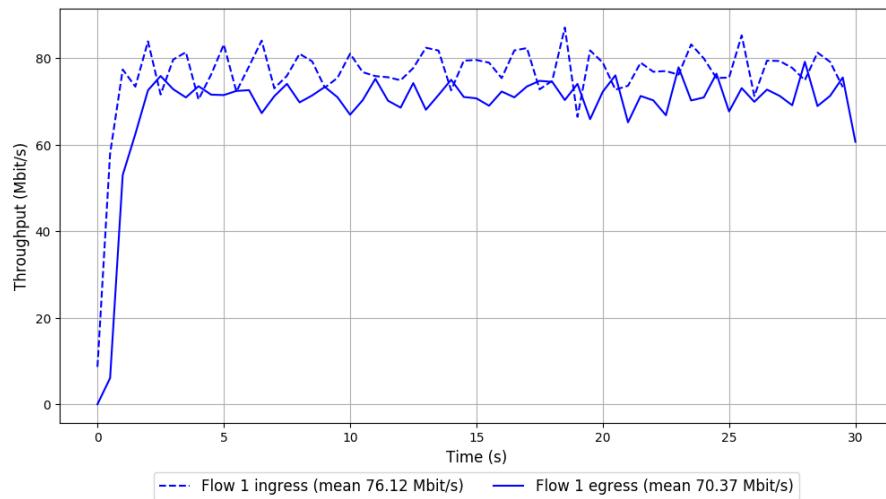


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-08-01 19:08:06
End at: 2018-08-01 19:08:36
Local clock offset: -6.684 ms
Remote clock offset: 3.045 ms

# Below is generated by plot.py at 2018-08-01 19:56:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.37 Mbit/s
95th percentile per-packet one-way delay: 91.357 ms
Loss rate: 8.06%
-- Flow 1:
Average throughput: 70.37 Mbit/s
95th percentile per-packet one-way delay: 91.357 ms
Loss rate: 8.06%
```

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

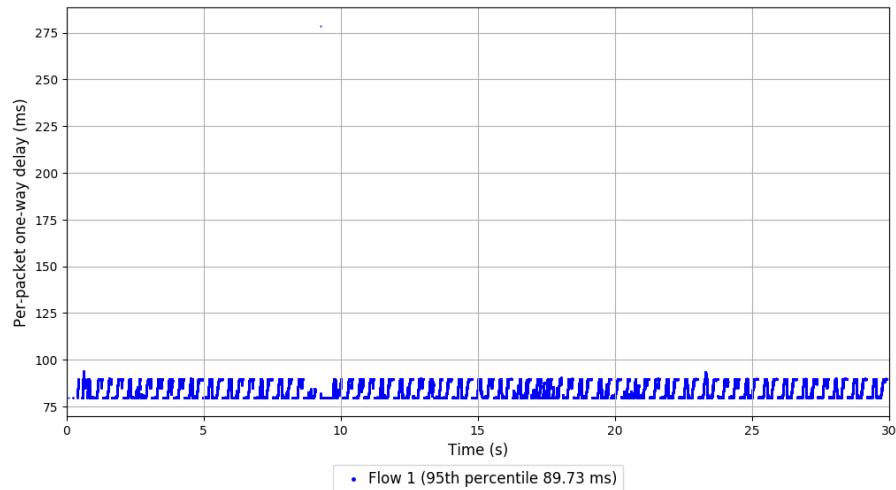
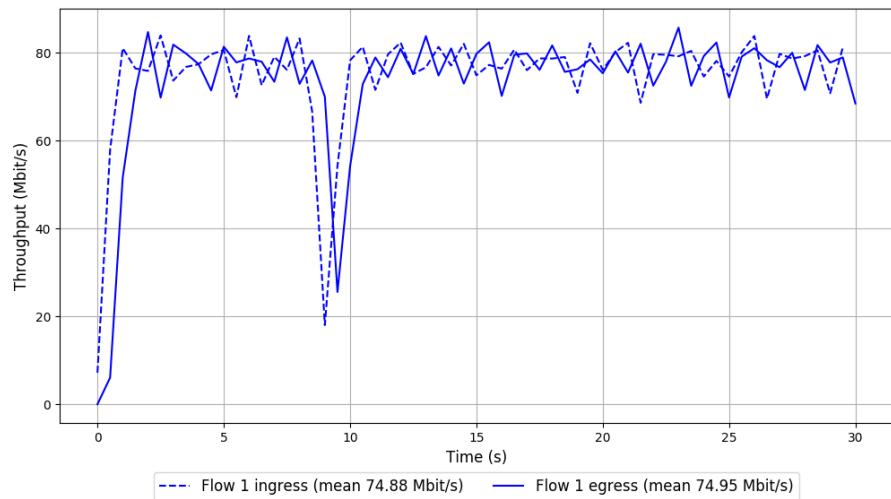


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-08-01 19:28:04
End at: 2018-08-01 19:28:34
Local clock offset: -6.331 ms
Remote clock offset: 11.46 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.95 Mbit/s
95th percentile per-packet one-way delay: 89.726 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 74.95 Mbit/s
95th percentile per-packet one-way delay: 89.726 ms
Loss rate: 0.49%
```

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

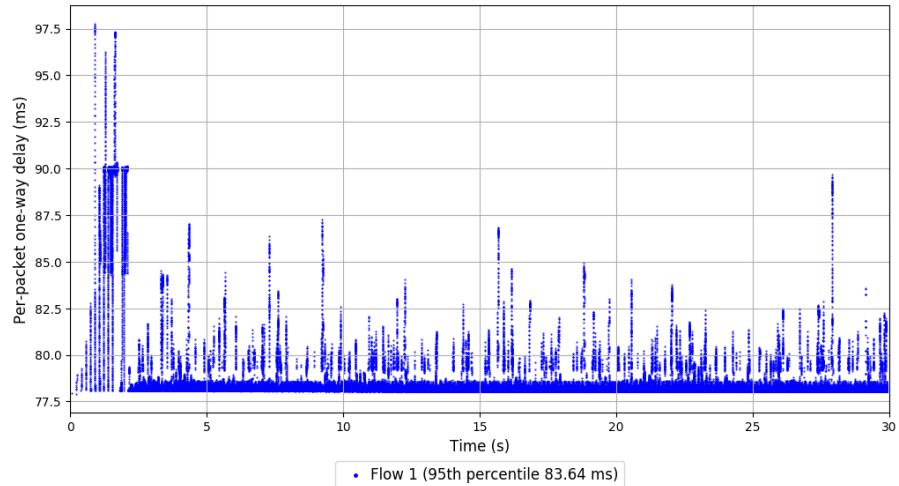
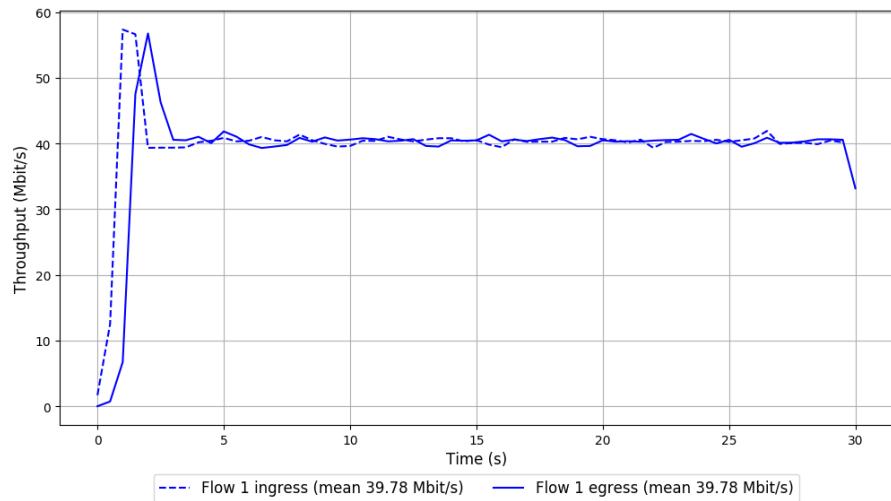


Run 1: Statistics of TCP Vegas

```
Start at: 2018-08-01 16:35:25
End at: 2018-08-01 16:35:55
Local clock offset: -7.325 ms
Remote clock offset: 8.178 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 83.642 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 83.642 ms
Loss rate: 0.55%
```

Run 1: Report of TCP Vegas — Data Link

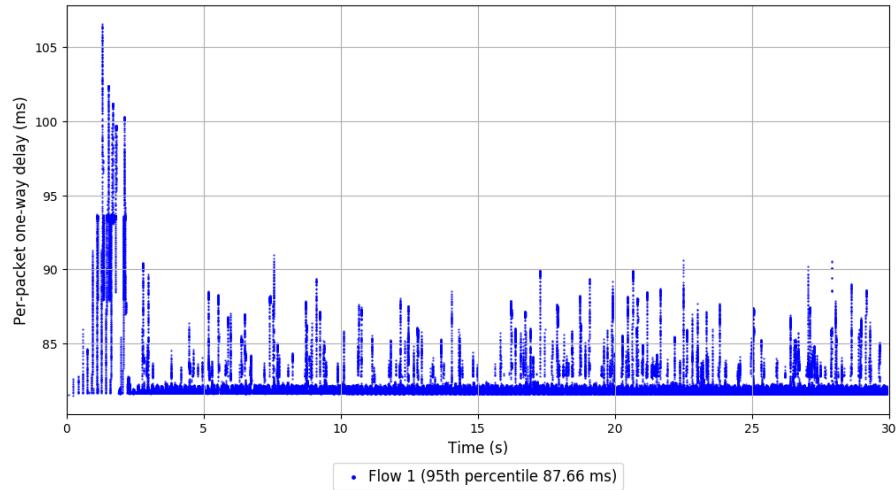
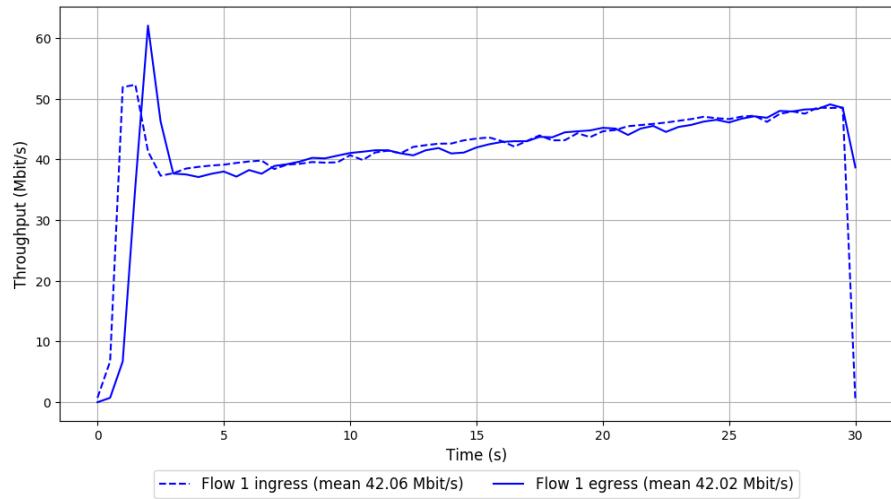


Run 2: Statistics of TCP Vegas

```
Start at: 2018-08-01 16:55:20
End at: 2018-08-01 16:55:50
Local clock offset: -7.313 ms
Remote clock offset: 3.982 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.02 Mbit/s
95th percentile per-packet one-way delay: 87.663 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 42.02 Mbit/s
95th percentile per-packet one-way delay: 87.663 ms
Loss rate: 0.65%
```

Run 2: Report of TCP Vegas — Data Link

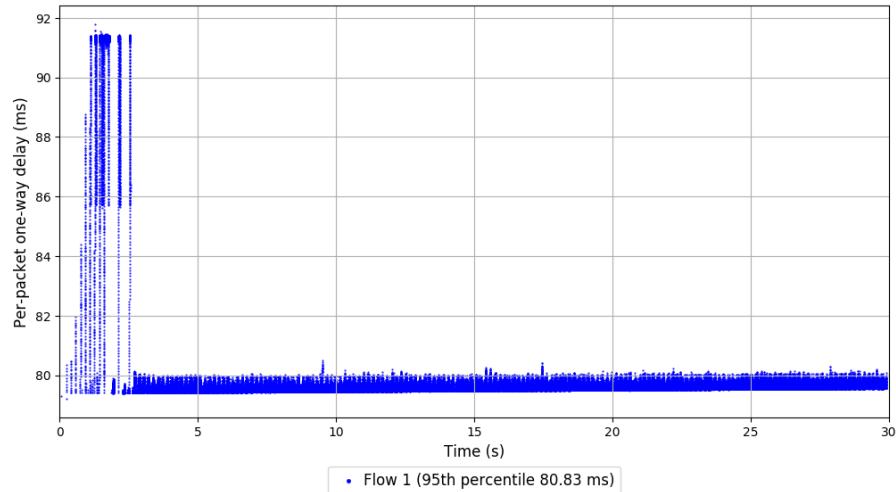
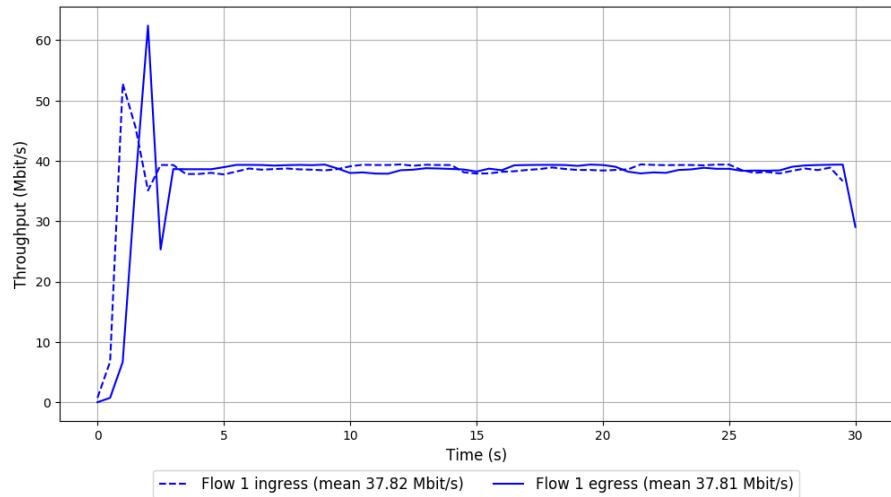


Run 3: Statistics of TCP Vegas

```
Start at: 2018-08-01 17:15:15
End at: 2018-08-01 17:15:45
Local clock offset: -7.412 ms
Remote clock offset: 12.383 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.81 Mbit/s
95th percentile per-packet one-way delay: 80.825 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 37.81 Mbit/s
95th percentile per-packet one-way delay: 80.825 ms
Loss rate: 0.57%
```

Run 3: Report of TCP Vegas — Data Link

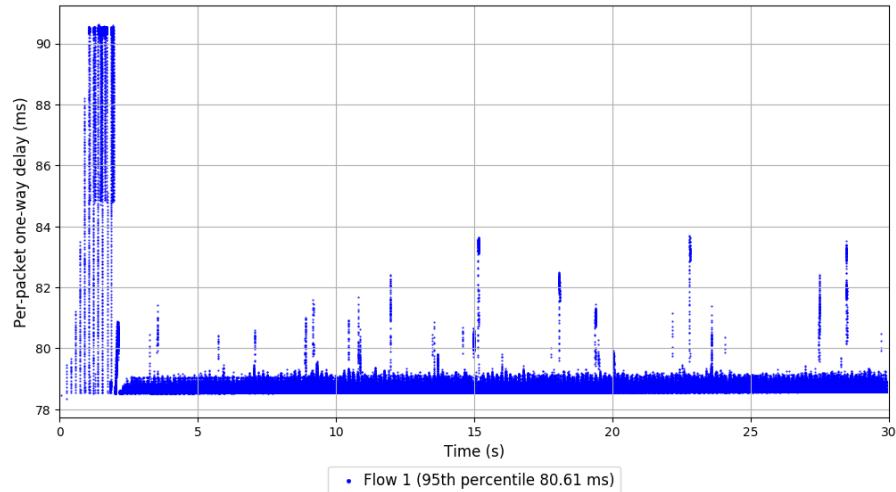
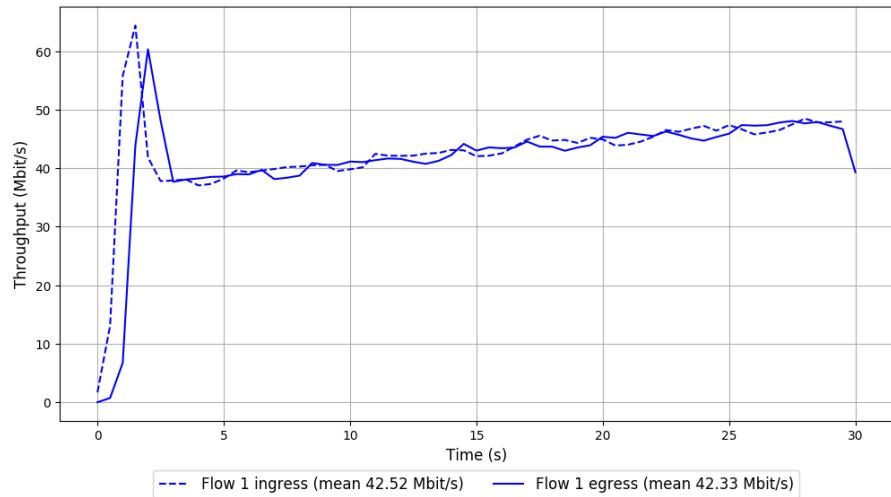


Run 4: Statistics of TCP Vegas

```
Start at: 2018-08-01 17:35:20
End at: 2018-08-01 17:35:50
Local clock offset: -6.688 ms
Remote clock offset: 16.09 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.33 Mbit/s
95th percentile per-packet one-way delay: 80.614 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 42.33 Mbit/s
95th percentile per-packet one-way delay: 80.614 ms
Loss rate: 0.98%
```

Run 4: Report of TCP Vegas — Data Link

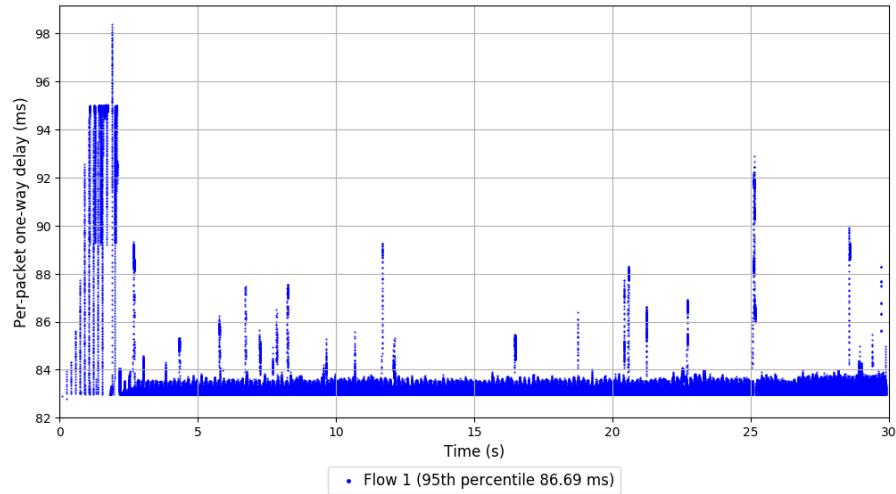
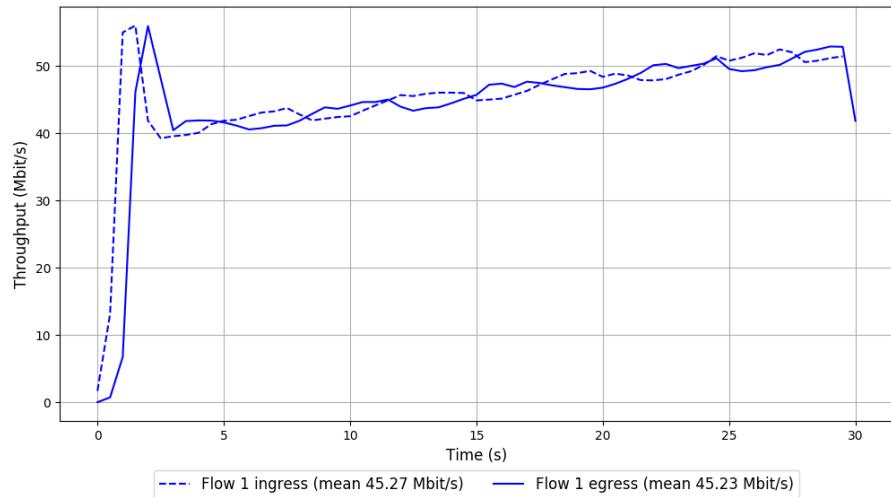


Run 5: Statistics of TCP Vegas

```
Start at: 2018-08-01 17:55:15
End at: 2018-08-01 17:55:45
Local clock offset: -6.632 ms
Remote clock offset: 10.073 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 86.686 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 86.686 ms
Loss rate: 0.63%
```

Run 5: Report of TCP Vegas — Data Link

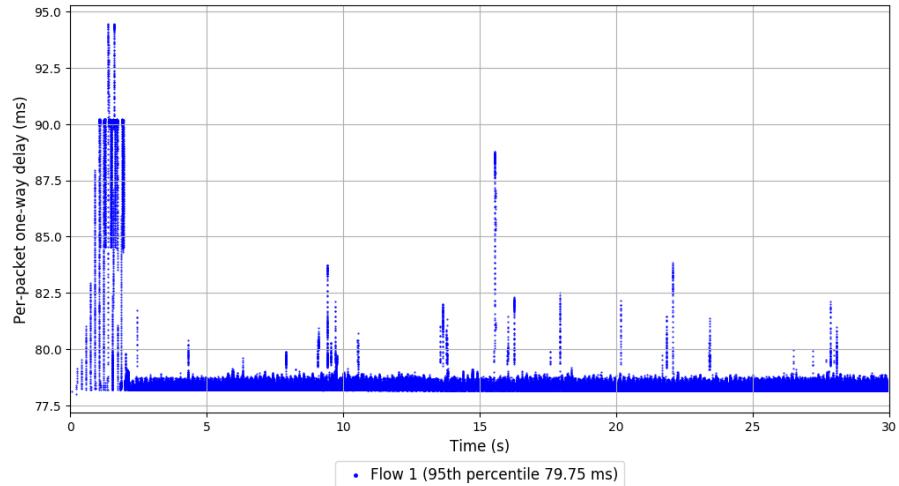
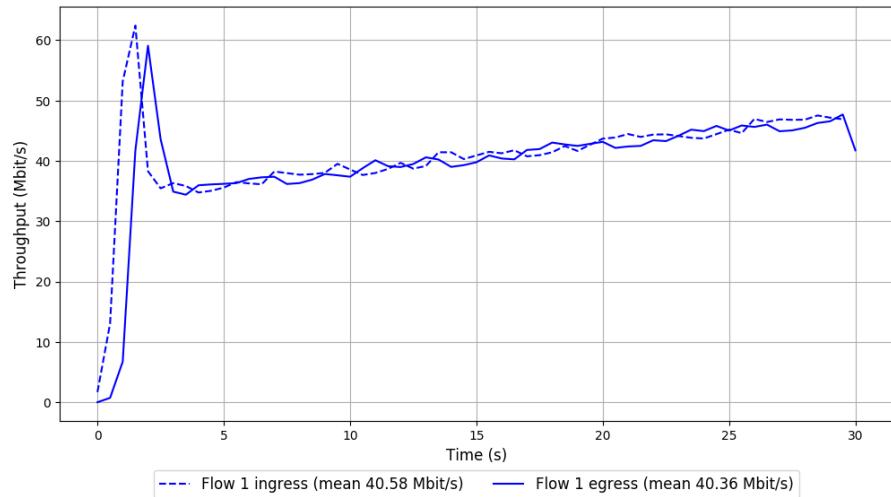


Run 6: Statistics of TCP Vegas

```
Start at: 2018-08-01 18:15:29
End at: 2018-08-01 18:15:59
Local clock offset: -6.753 ms
Remote clock offset: 14.835 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.36 Mbit/s
95th percentile per-packet one-way delay: 79.754 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 40.36 Mbit/s
95th percentile per-packet one-way delay: 79.754 ms
Loss rate: 1.08%
```

Run 6: Report of TCP Vegas — Data Link

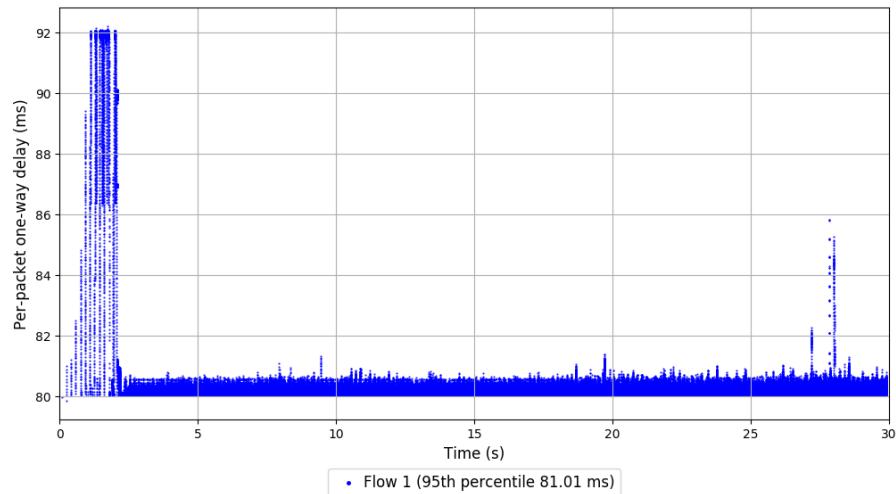
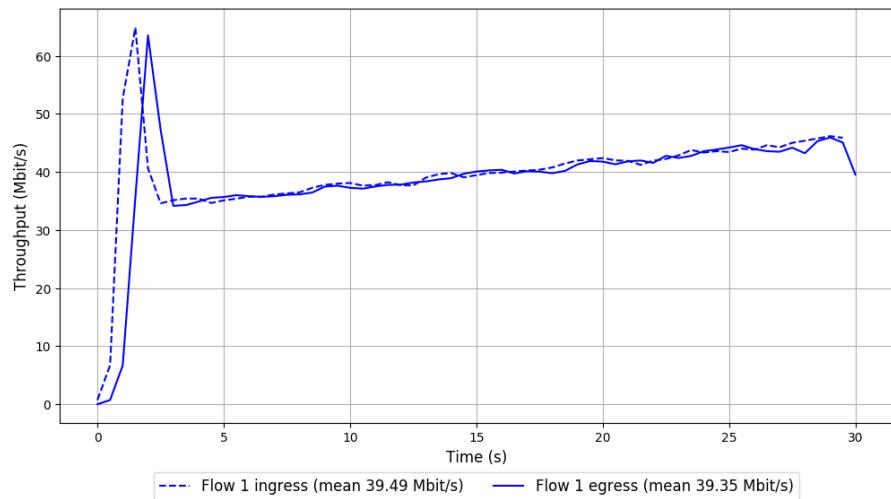


Run 7: Statistics of TCP Vegas

```
Start at: 2018-08-01 18:35:24
End at: 2018-08-01 18:35:54
Local clock offset: -6.684 ms
Remote clock offset: 13.939 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 81.006 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 81.006 ms
Loss rate: 0.91%
```

Run 7: Report of TCP Vegas — Data Link

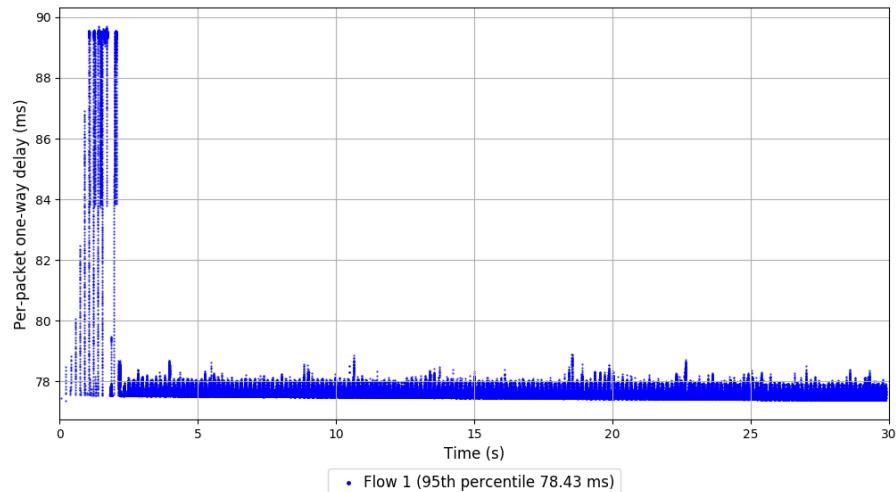
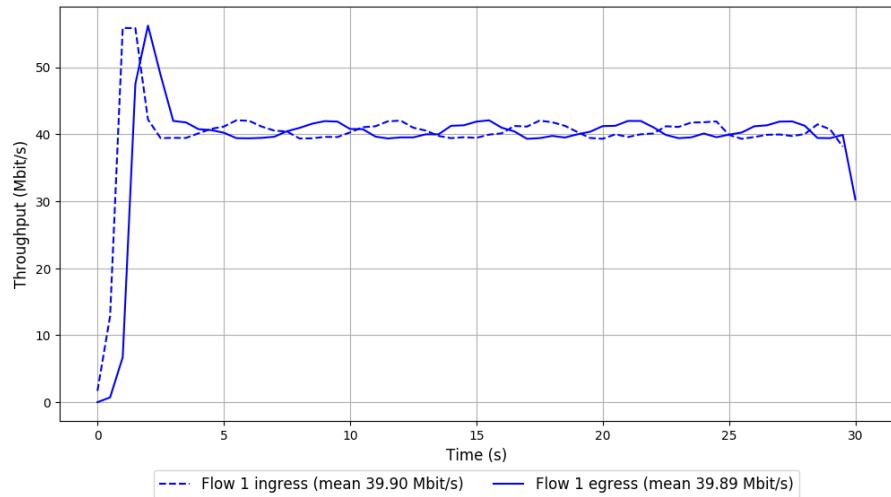


Run 8: Statistics of TCP Vegas

```
Start at: 2018-08-01 18:55:20
End at: 2018-08-01 18:55:50
Local clock offset: -6.674 ms
Remote clock offset: 9.519 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.89 Mbit/s
95th percentile per-packet one-way delay: 78.431 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 39.89 Mbit/s
95th percentile per-packet one-way delay: 78.431 ms
Loss rate: 0.55%
```

Run 8: Report of TCP Vegas — Data Link

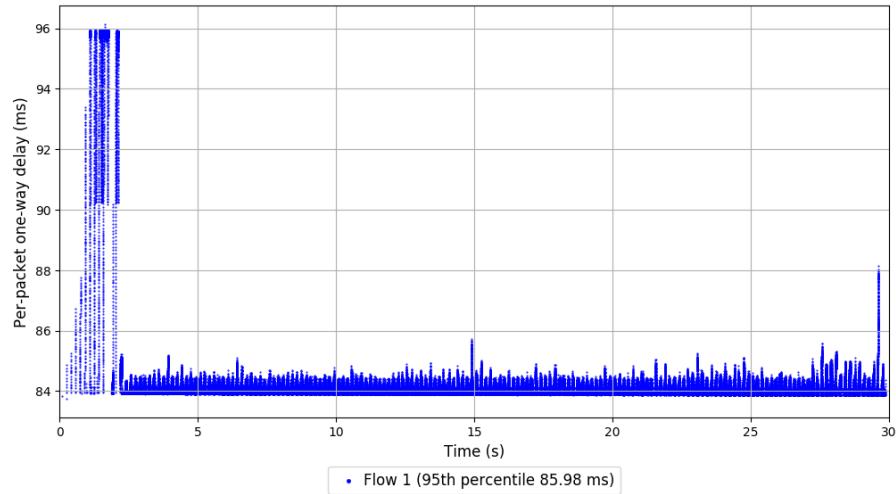
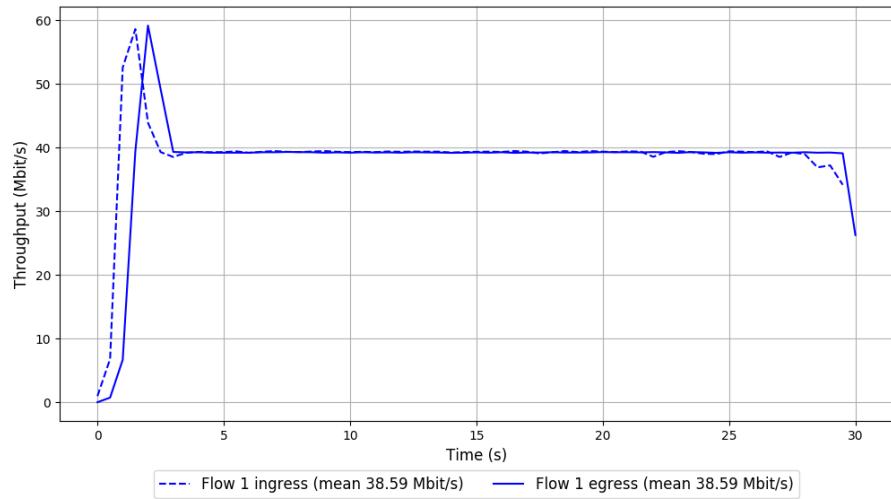


Run 9: Statistics of TCP Vegas

```
Start at: 2018-08-01 19:15:18
End at: 2018-08-01 19:15:48
Local clock offset: -6.639 ms
Remote clock offset: 2.284 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.59 Mbit/s
95th percentile per-packet one-way delay: 85.979 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 38.59 Mbit/s
95th percentile per-packet one-way delay: 85.979 ms
Loss rate: 0.56%
```

Run 9: Report of TCP Vegas — Data Link

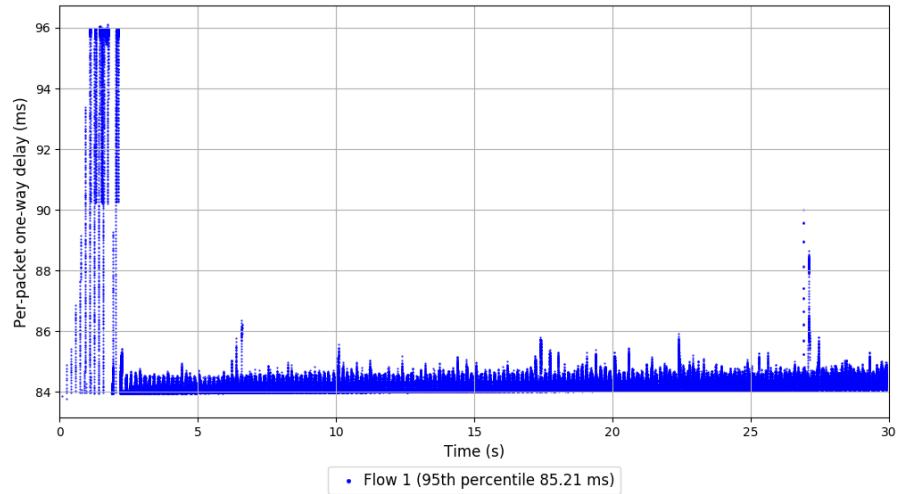
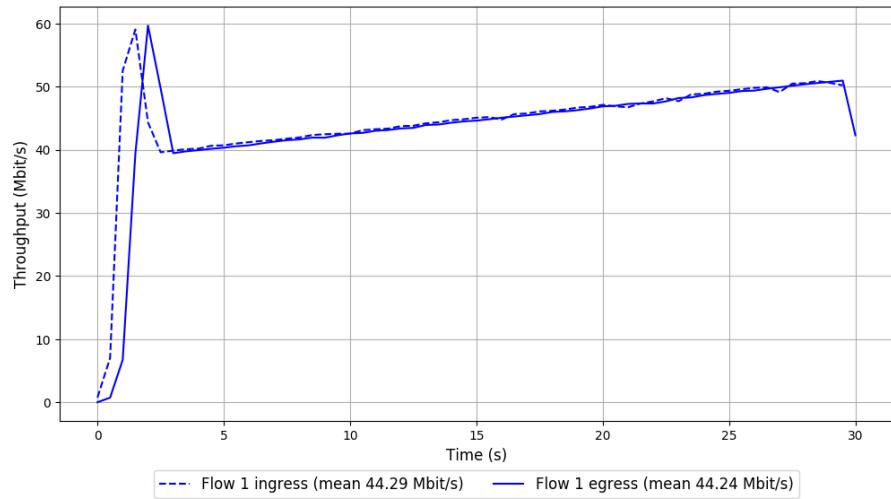


Run 10: Statistics of TCP Vegas

```
Start at: 2018-08-01 19:35:14
End at: 2018-08-01 19:35:44
Local clock offset: -6.126 ms
Remote clock offset: 10.601 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.24 Mbit/s
95th percentile per-packet one-way delay: 85.206 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 44.24 Mbit/s
95th percentile per-packet one-way delay: 85.206 ms
Loss rate: 0.64%
```

Run 10: Report of TCP Vegas — Data Link

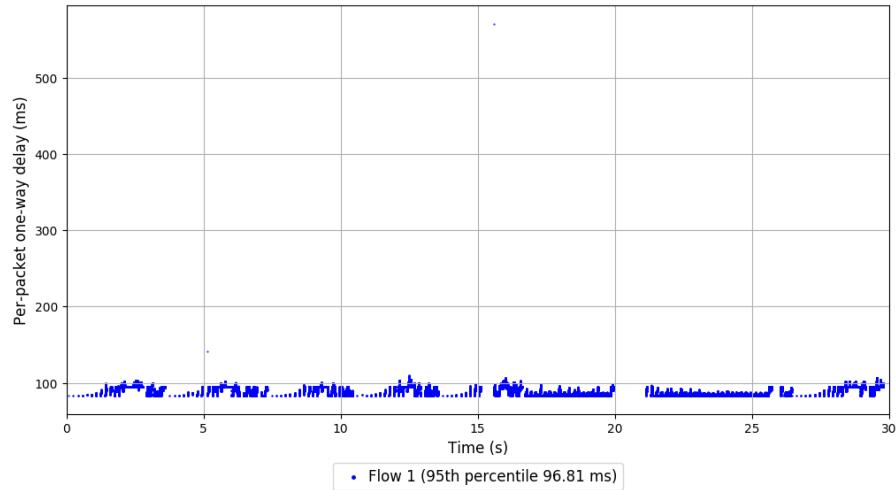
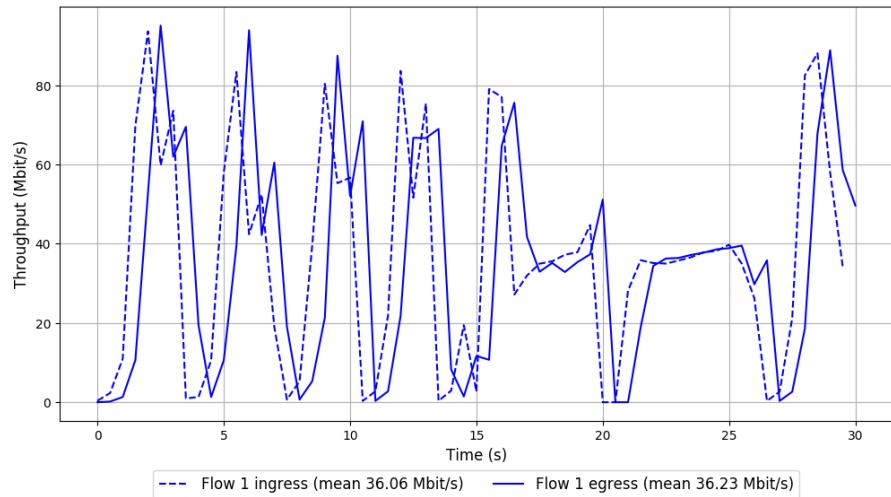


Run 1: Statistics of Verus

```
Start at: 2018-08-01 16:29:29
End at: 2018-08-01 16:29:59
Local clock offset: -7.863 ms
Remote clock offset: 4.932 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.23 Mbit/s
95th percentile per-packet one-way delay: 96.810 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 36.23 Mbit/s
95th percentile per-packet one-way delay: 96.810 ms
Loss rate: 0.07%
```

Run 1: Report of Verus — Data Link

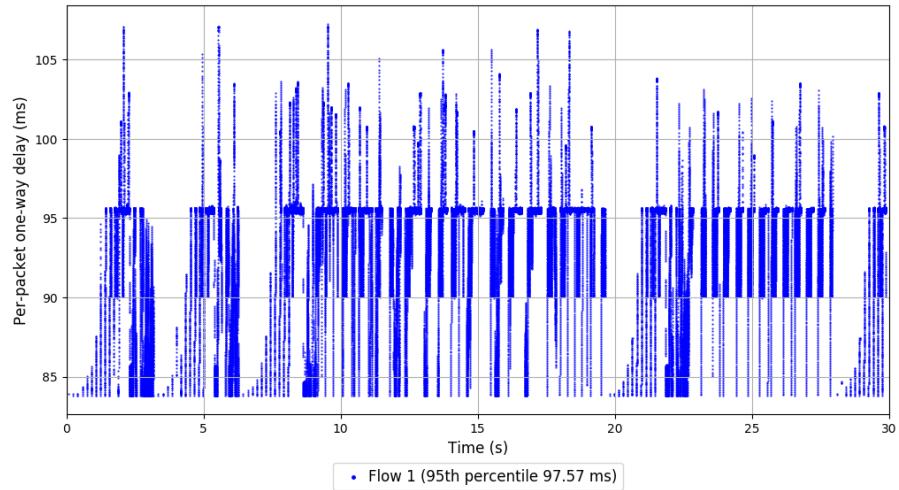
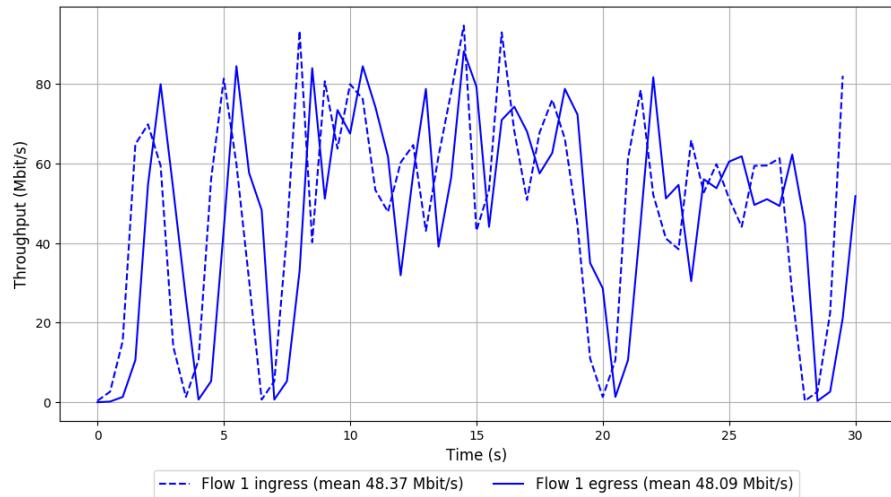


Run 2: Statistics of Verus

```
Start at: 2018-08-01 16:49:23
End at: 2018-08-01 16:49:53
Local clock offset: -7.34 ms
Remote clock offset: 3.995 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.09 Mbit/s
95th percentile per-packet one-way delay: 97.570 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 48.09 Mbit/s
95th percentile per-packet one-way delay: 97.570 ms
Loss rate: 1.14%
```

Run 2: Report of Verus — Data Link

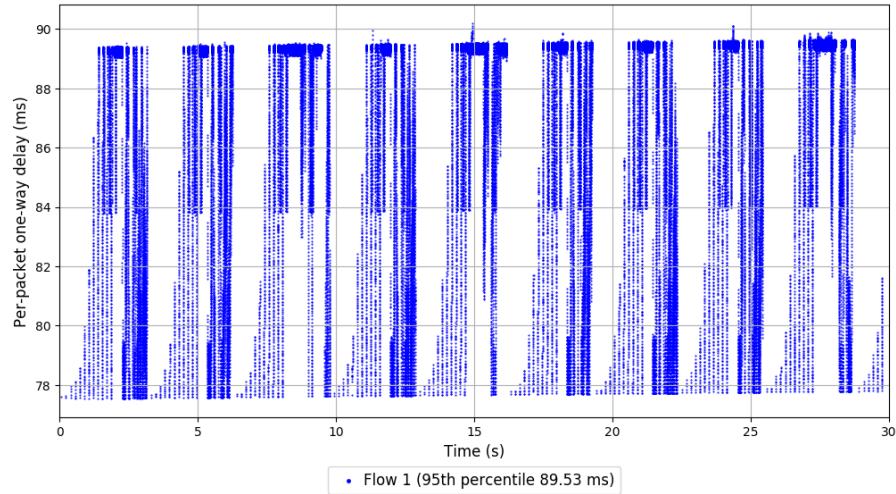
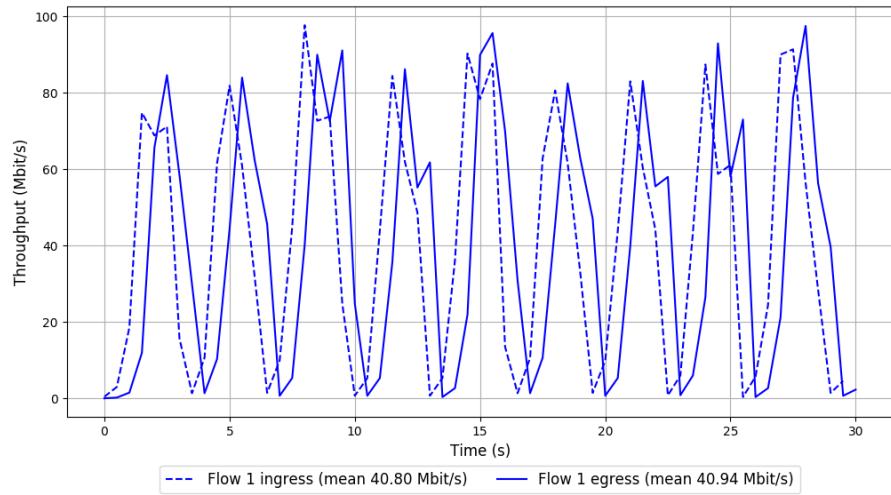


Run 3: Statistics of Verus

```
Start at: 2018-08-01 17:09:18
End at: 2018-08-01 17:09:48
Local clock offset: -7.367 ms
Remote clock offset: 11.039 ms

# Below is generated by plot.py at 2018-08-01 19:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 89.531 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 89.531 ms
Loss rate: 0.21%
```

Run 3: Report of Verus — Data Link

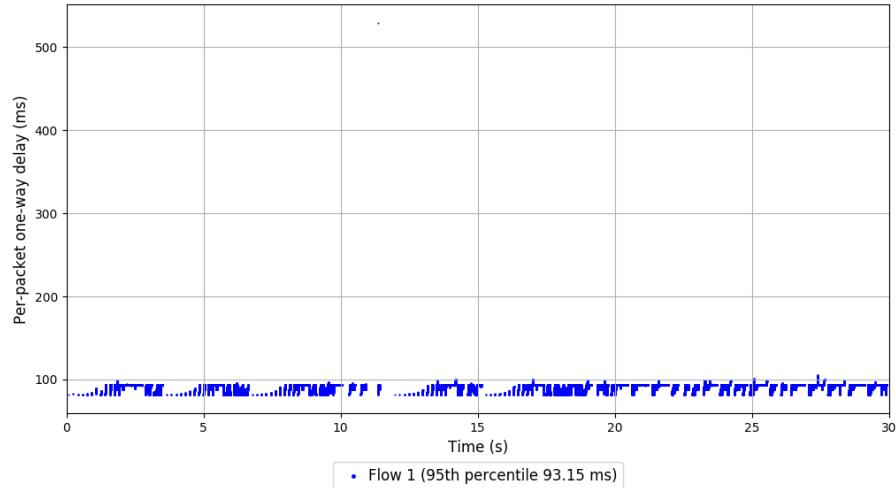
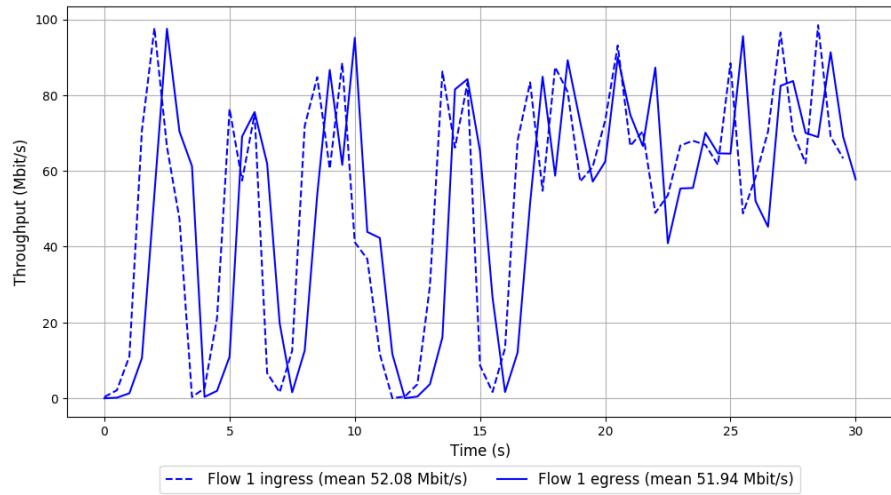


Run 4: Statistics of Verus

```
Start at: 2018-08-01 17:29:14
End at: 2018-08-01 17:29:44
Local clock offset: -6.942 ms
Remote clock offset: 15.092 ms

# Below is generated by plot.py at 2018-08-01 19:56:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.94 Mbit/s
95th percentile per-packet one-way delay: 93.152 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 51.94 Mbit/s
95th percentile per-packet one-way delay: 93.152 ms
Loss rate: 0.85%
```

Run 4: Report of Verus — Data Link

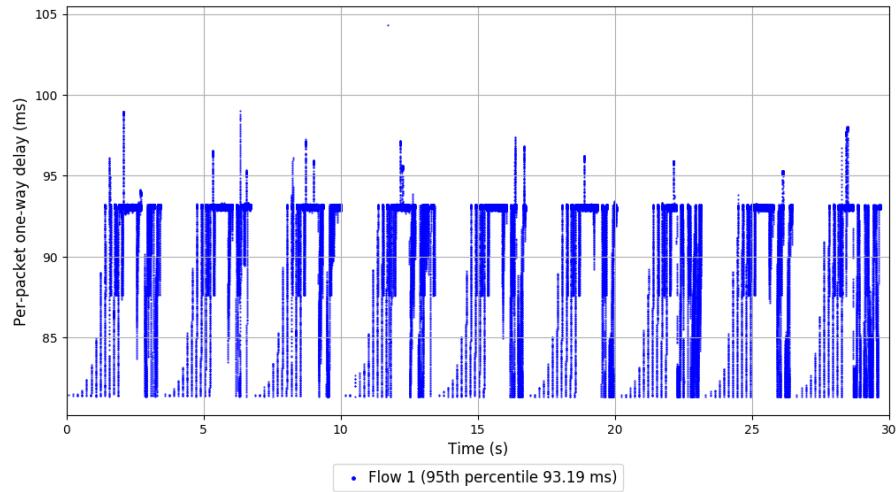
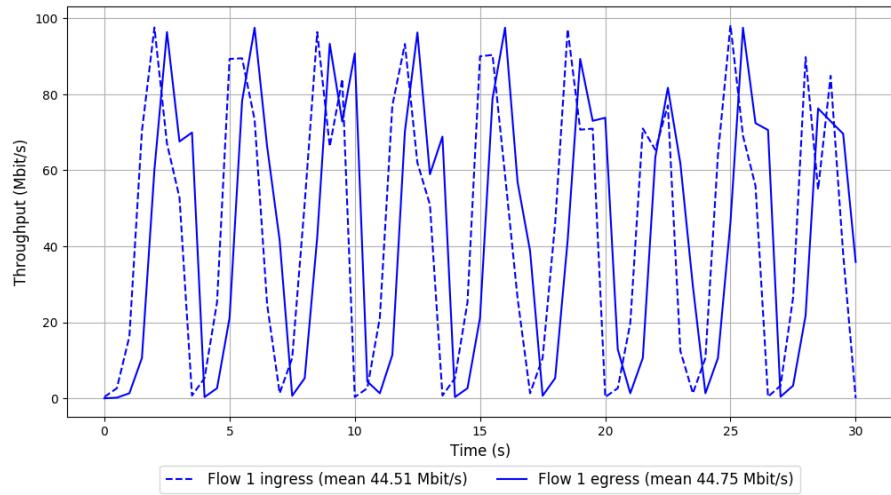


Run 5: Statistics of Verus

```
Start at: 2018-08-01 17:49:19
End at: 2018-08-01 17:49:49
Local clock offset: -6.638 ms
Remote clock offset: 11.345 ms

# Below is generated by plot.py at 2018-08-01 19:56:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.75 Mbit/s
95th percentile per-packet one-way delay: 93.194 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 44.75 Mbit/s
95th percentile per-packet one-way delay: 93.194 ms
Loss rate: 0.78%
```

Run 5: Report of Verus — Data Link

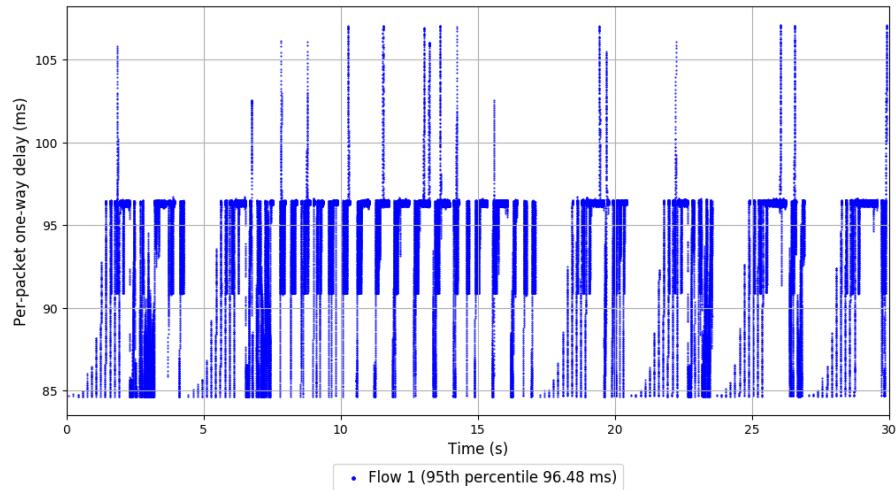
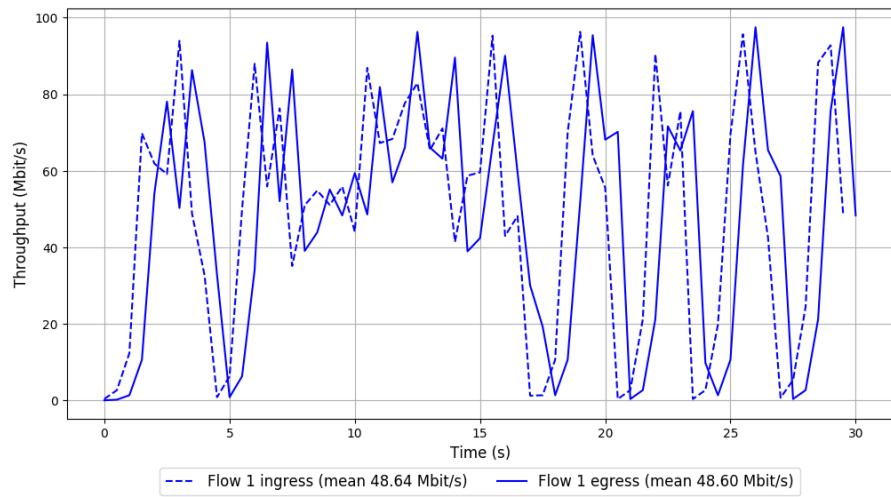


Run 6: Statistics of Verus

```
Start at: 2018-08-01 18:09:23
End at: 2018-08-01 18:09:53
Local clock offset: -6.698 ms
Remote clock offset: 10.239 ms

# Below is generated by plot.py at 2018-08-01 19:56:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.60 Mbit/s
95th percentile per-packet one-way delay: 96.478 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 48.60 Mbit/s
95th percentile per-packet one-way delay: 96.478 ms
Loss rate: 0.59%
```

Run 6: Report of Verus — Data Link

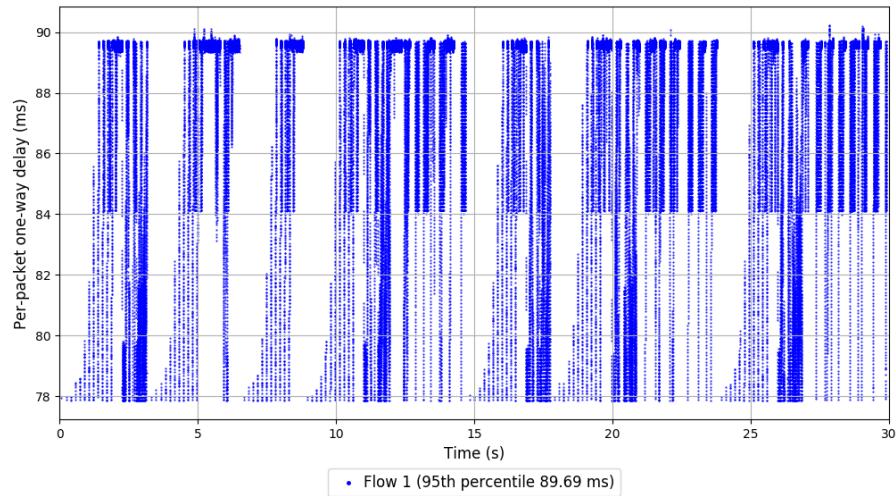
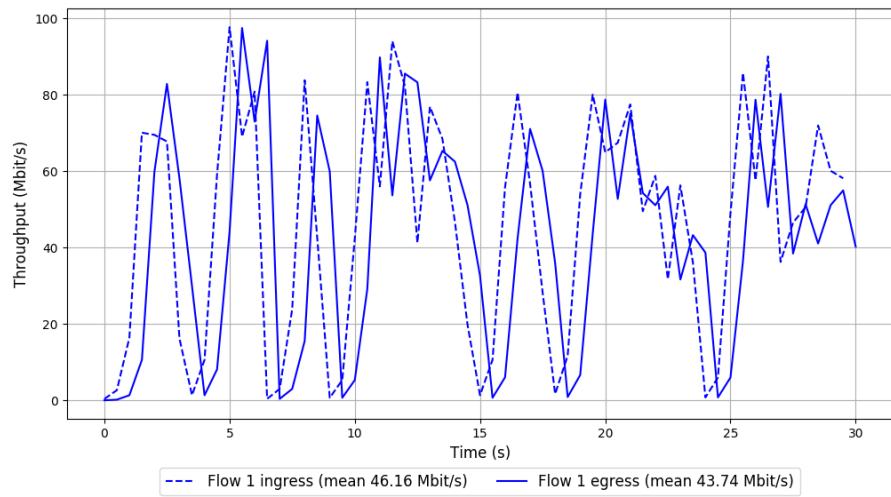


Run 7: Statistics of Verus

```
Start at: 2018-08-01 18:29:28
End at: 2018-08-01 18:29:58
Local clock offset: -6.699 ms
Remote clock offset: 13.989 ms

# Below is generated by plot.py at 2018-08-01 19:56:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.74 Mbit/s
95th percentile per-packet one-way delay: 89.685 ms
Loss rate: 5.71%
-- Flow 1:
Average throughput: 43.74 Mbit/s
95th percentile per-packet one-way delay: 89.685 ms
Loss rate: 5.71%
```

Run 7: Report of Verus — Data Link

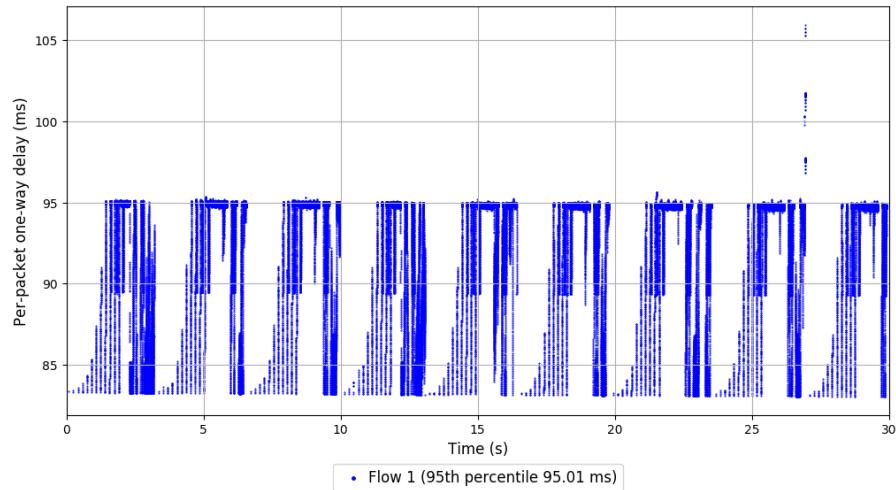
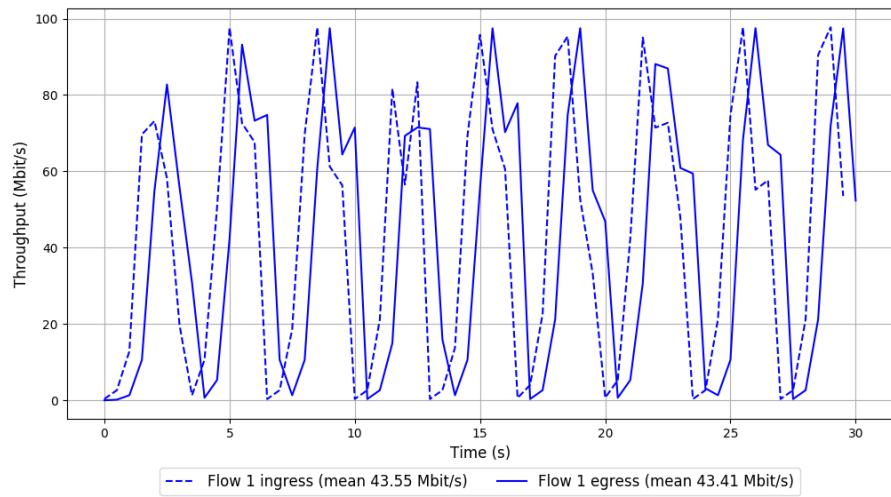


Run 8: Statistics of Verus

```
Start at: 2018-08-01 18:49:22
End at: 2018-08-01 18:49:52
Local clock offset: -6.697 ms
Remote clock offset: 8.267 ms

# Below is generated by plot.py at 2018-08-01 19:56:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.41 Mbit/s
95th percentile per-packet one-way delay: 95.011 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 43.41 Mbit/s
95th percentile per-packet one-way delay: 95.011 ms
Loss rate: 0.86%
```

Run 8: Report of Verus — Data Link

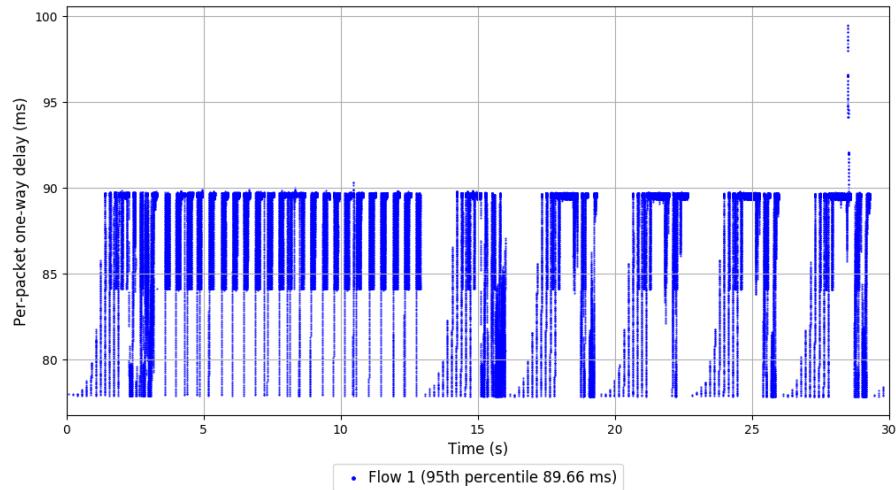
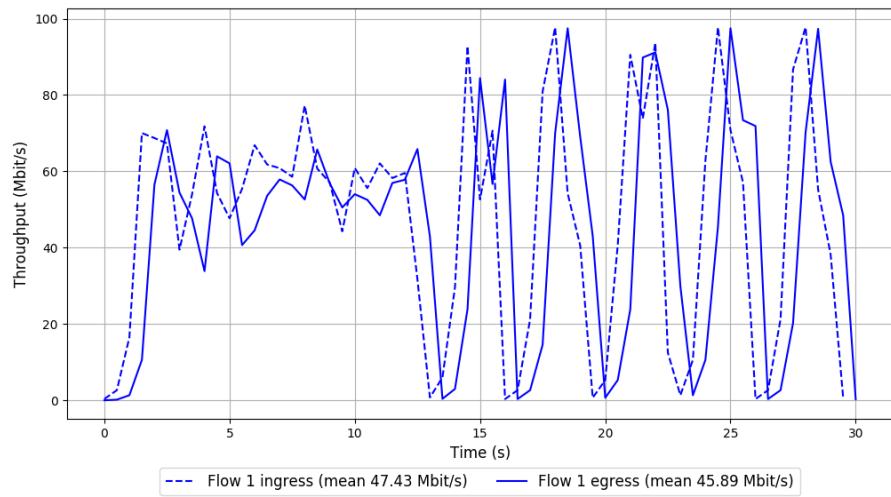


Run 9: Statistics of Verus

```
Start at: 2018-08-01 19:09:19
End at: 2018-08-01 19:09:49
Local clock offset: -6.609 ms
Remote clock offset: 6.658 ms

# Below is generated by plot.py at 2018-08-01 19:56:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.89 Mbit/s
95th percentile per-packet one-way delay: 89.663 ms
Loss rate: 3.77%
-- Flow 1:
Average throughput: 45.89 Mbit/s
95th percentile per-packet one-way delay: 89.663 ms
Loss rate: 3.77%
```

Run 9: Report of Verus — Data Link

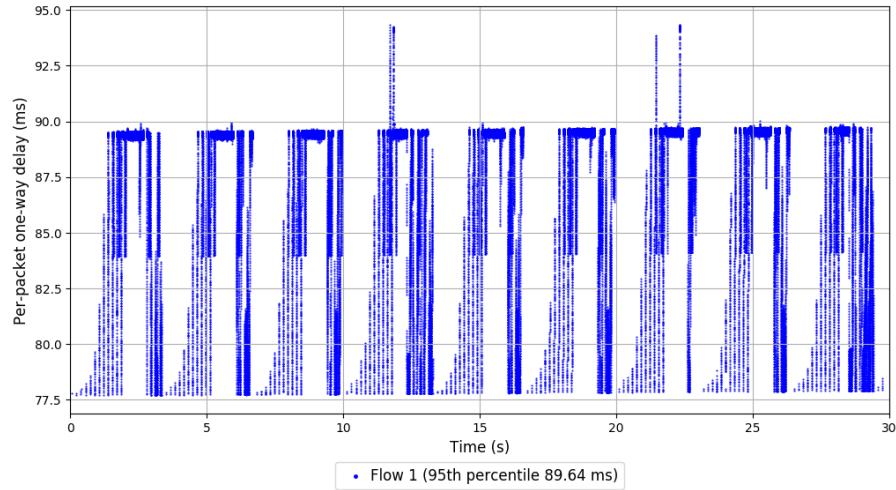
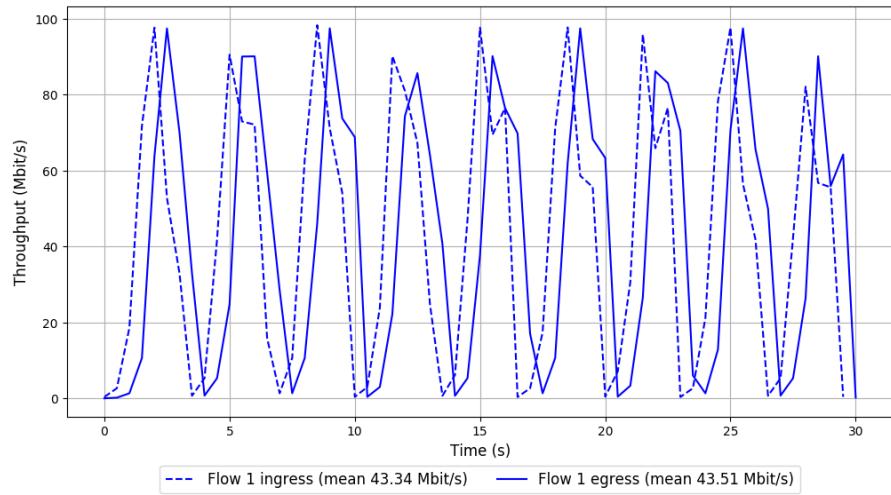


Run 10: Statistics of Verus

```
Start at: 2018-08-01 19:29:16
End at: 2018-08-01 19:29:46
Local clock offset: -6.284 ms
Remote clock offset: 12.128 ms

# Below is generated by plot.py at 2018-08-01 19:56:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.51 Mbit/s
95th percentile per-packet one-way delay: 89.644 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 43.51 Mbit/s
95th percentile per-packet one-way delay: 89.644 ms
Loss rate: 0.14%
```

Run 10: Report of Verus — Data Link

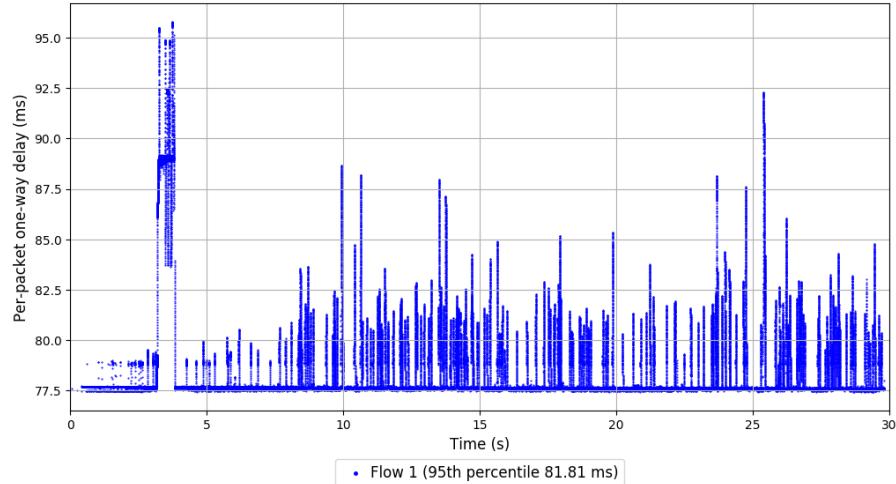
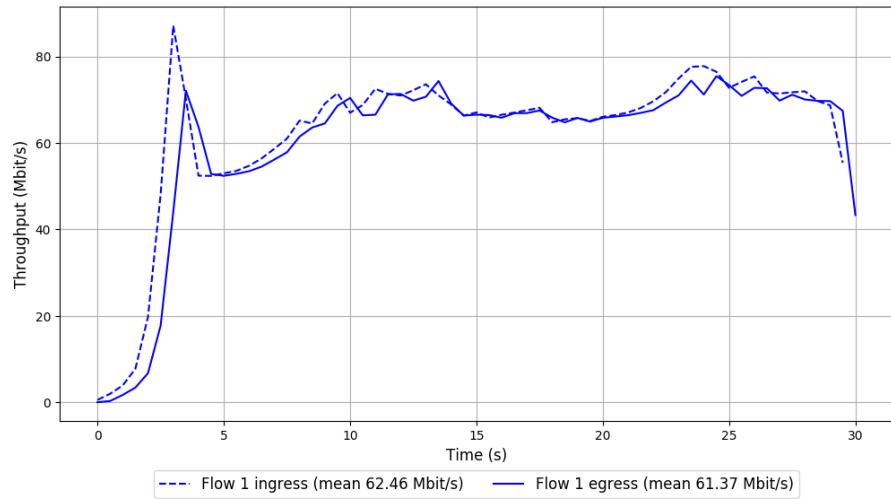


```
Run 1: Statistics of PCC-Vivace

Start at: 2018-08-01 16:31:45
End at: 2018-08-01 16:32:15
Local clock offset: -7.567 ms
Remote clock offset: 8.519 ms

# Below is generated by plot.py at 2018-08-01 19:57:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.37 Mbit/s
95th percentile per-packet one-way delay: 81.813 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 61.37 Mbit/s
95th percentile per-packet one-way delay: 81.813 ms
Loss rate: 2.29%
```

Run 1: Report of PCC-Vivace — Data Link

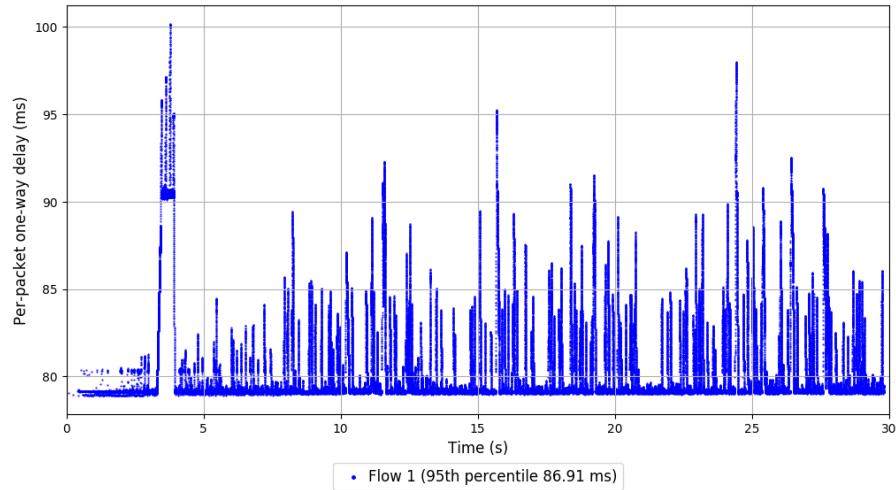
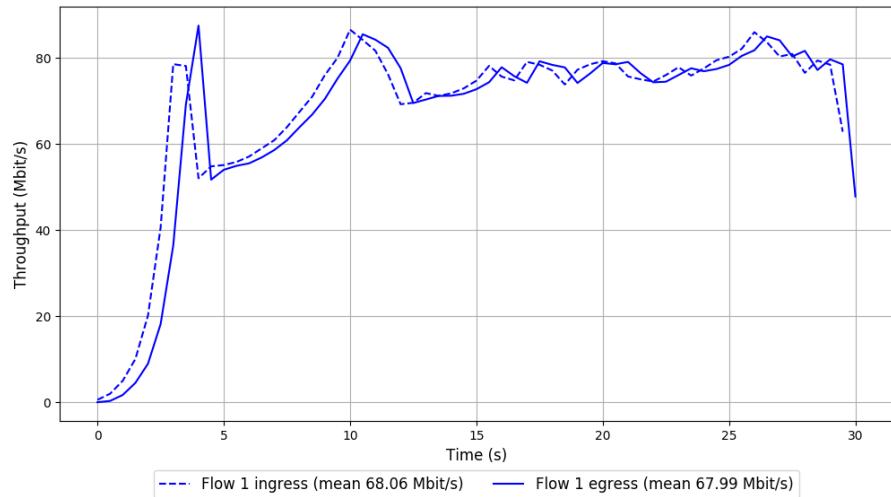


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-08-01 16:51:40
End at: 2018-08-01 16:52:10
Local clock offset: -7.414 ms
Remote clock offset: 8.863 ms

# Below is generated by plot.py at 2018-08-01 19:57:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.99 Mbit/s
95th percentile per-packet one-way delay: 86.914 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 67.99 Mbit/s
95th percentile per-packet one-way delay: 86.914 ms
Loss rate: 0.67%
```

Run 2: Report of PCC-Vivace — Data Link

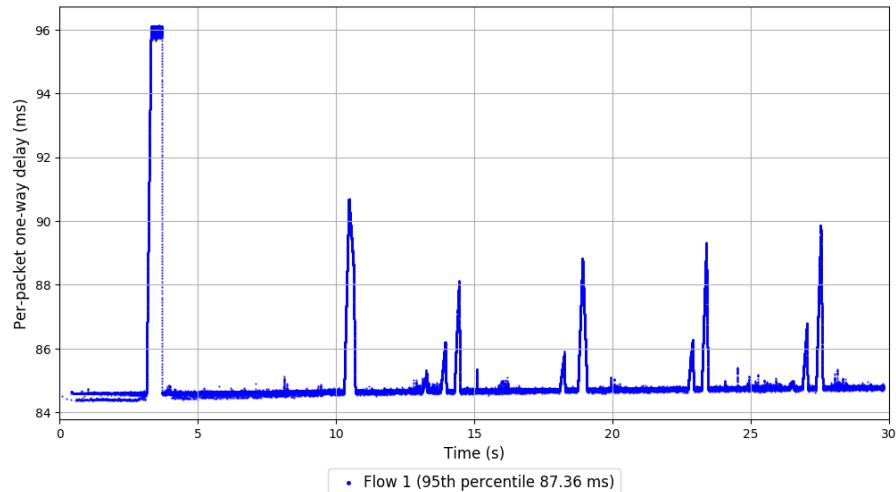
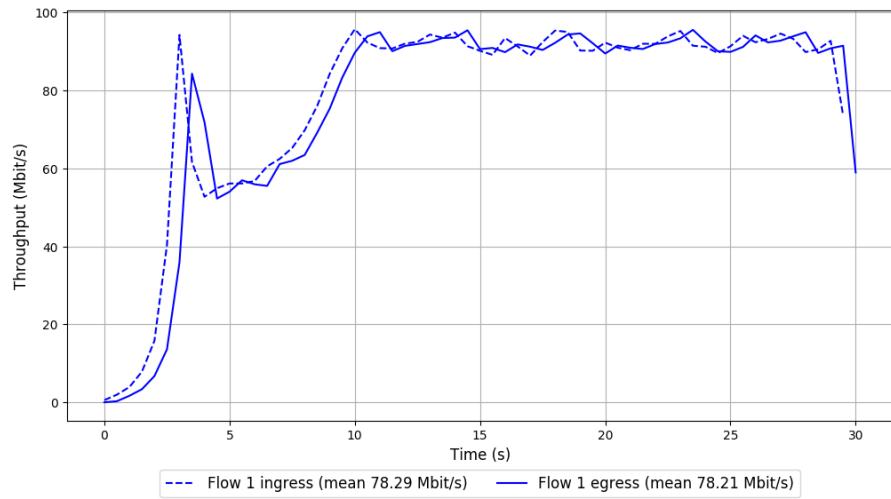


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-08-01 17:11:35
End at: 2018-08-01 17:12:05
Local clock offset: -7.395 ms
Remote clock offset: 7.365 ms

# Below is generated by plot.py at 2018-08-01 19:57:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.21 Mbit/s
95th percentile per-packet one-way delay: 87.359 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 78.21 Mbit/s
95th percentile per-packet one-way delay: 87.359 ms
Loss rate: 0.66%
```

Run 3: Report of PCC-Vivace — Data Link

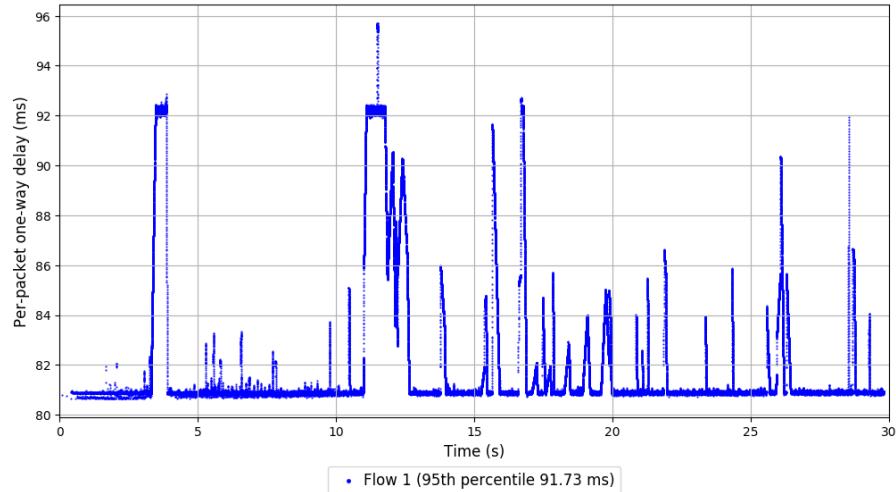
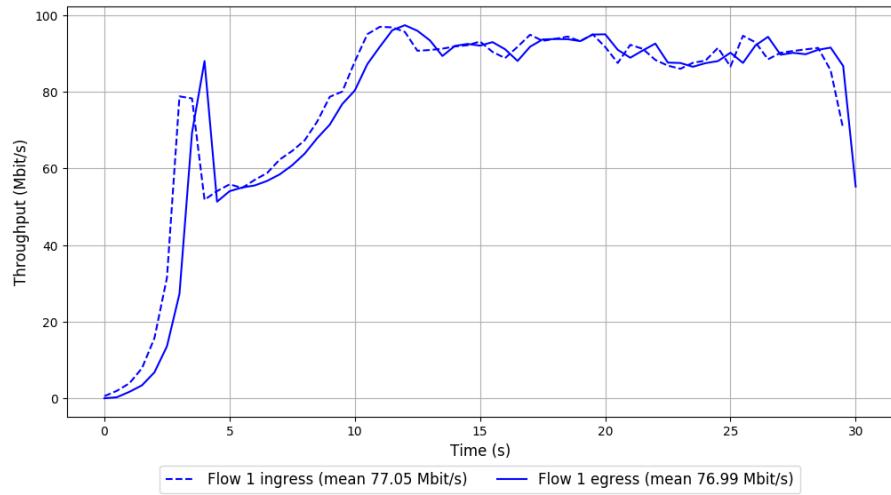


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-08-01 17:31:31
End at: 2018-08-01 17:32:01
Local clock offset: -6.828 ms
Remote clock offset: 15.612 ms

# Below is generated by plot.py at 2018-08-01 19:57:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.99 Mbit/s
95th percentile per-packet one-way delay: 91.726 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 76.99 Mbit/s
95th percentile per-packet one-way delay: 91.726 ms
Loss rate: 0.64%
```

Run 4: Report of PCC-Vivace — Data Link

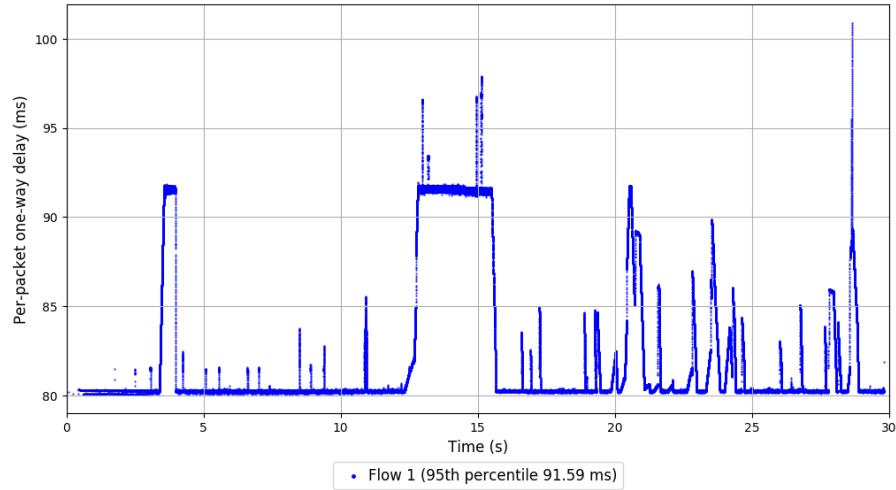
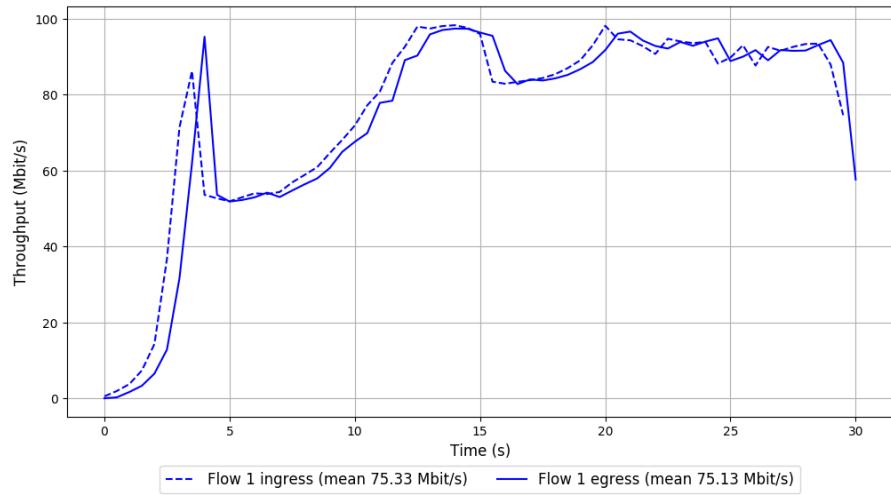


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-08-01 17:51:36
End at: 2018-08-01 17:52:06
Local clock offset: -6.639 ms
Remote clock offset: 15.079 ms

# Below is generated by plot.py at 2018-08-01 19:57:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.13 Mbit/s
95th percentile per-packet one-way delay: 91.588 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 75.13 Mbit/s
95th percentile per-packet one-way delay: 91.588 ms
Loss rate: 0.83%
```

Run 5: Report of PCC-Vivace — Data Link

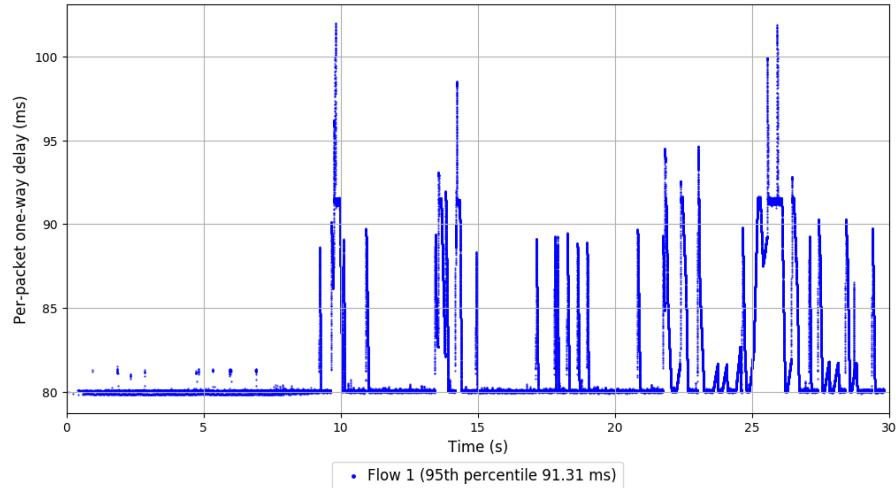
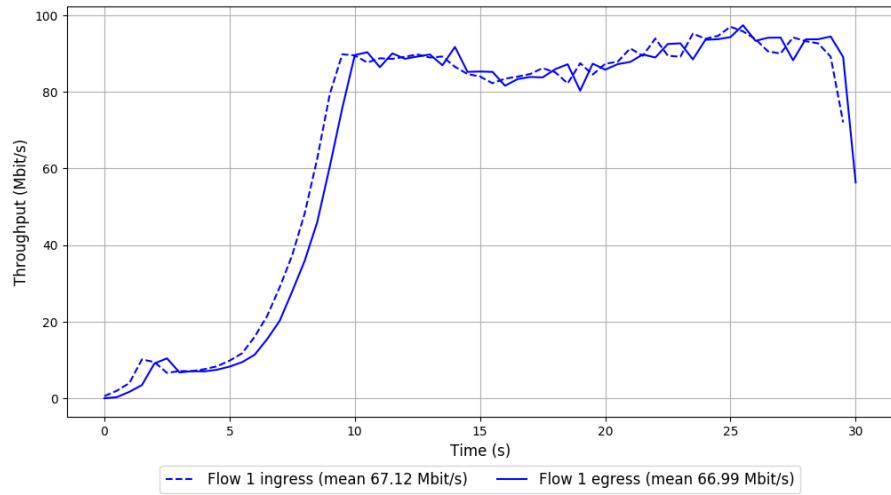


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-08-01 18:11:40
End at: 2018-08-01 18:12:10
Local clock offset: -6.707 ms
Remote clock offset: 15.148 ms

# Below is generated by plot.py at 2018-08-01 19:57:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.99 Mbit/s
95th percentile per-packet one-way delay: 91.314 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 66.99 Mbit/s
95th percentile per-packet one-way delay: 91.314 ms
Loss rate: 0.76%
```

Run 6: Report of PCC-Vivace — Data Link

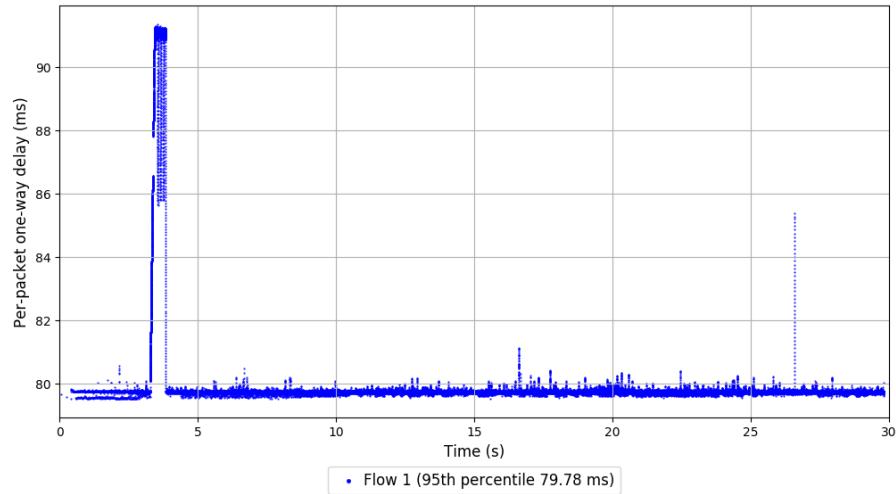
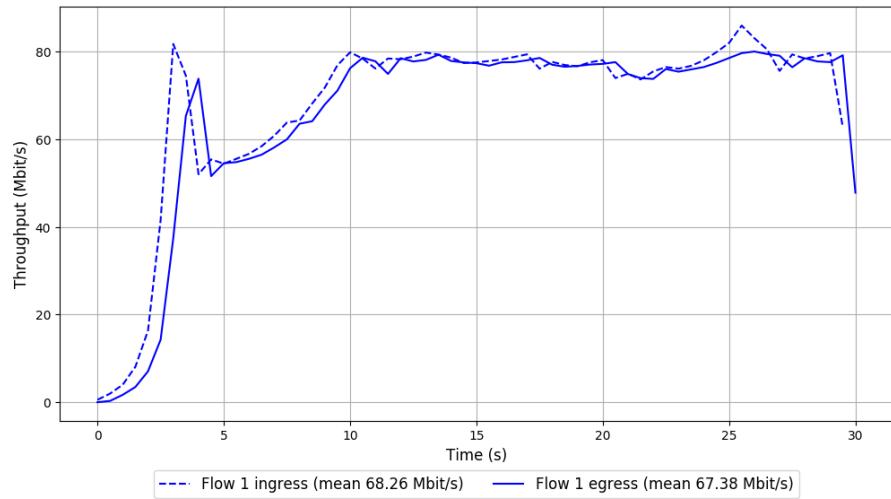


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-08-01 18:31:45
End at: 2018-08-01 18:32:15
Local clock offset: -6.752 ms
Remote clock offset: 13.97 ms

# Below is generated by plot.py at 2018-08-01 19:57:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.38 Mbit/s
95th percentile per-packet one-way delay: 79.776 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 67.38 Mbit/s
95th percentile per-packet one-way delay: 79.776 ms
Loss rate: 1.83%
```

Run 7: Report of PCC-Vivace — Data Link

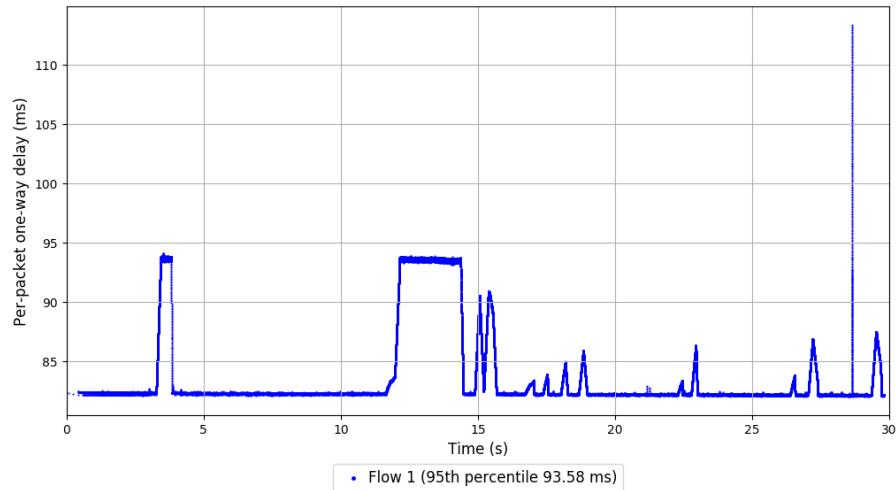
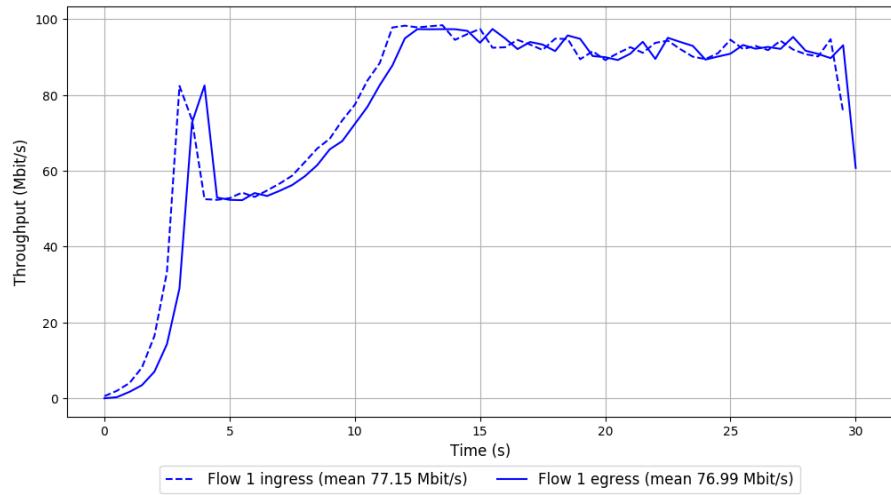


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-08-01 18:51:39
End at: 2018-08-01 18:52:09
Local clock offset: -6.72 ms
Remote clock offset: 6.155 ms

# Below is generated by plot.py at 2018-08-01 19:57:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.99 Mbit/s
95th percentile per-packet one-way delay: 93.576 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 76.99 Mbit/s
95th percentile per-packet one-way delay: 93.576 ms
Loss rate: 0.77%
```

Run 8: Report of PCC-Vivace — Data Link

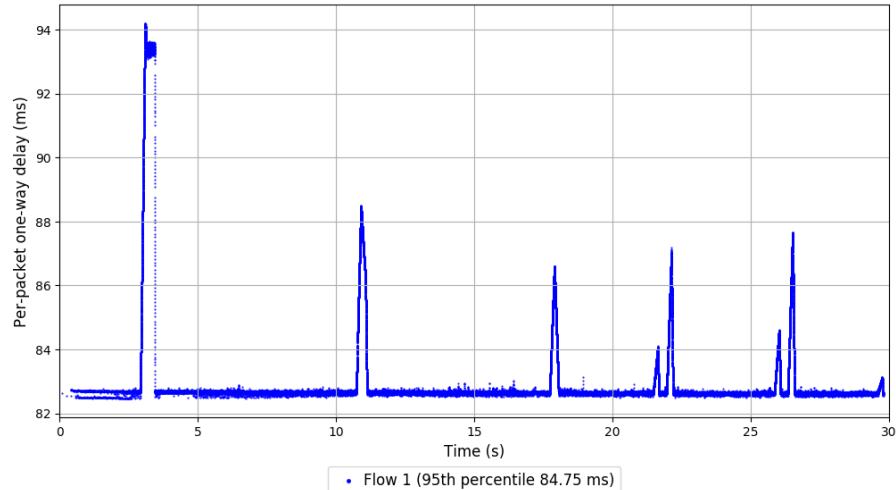
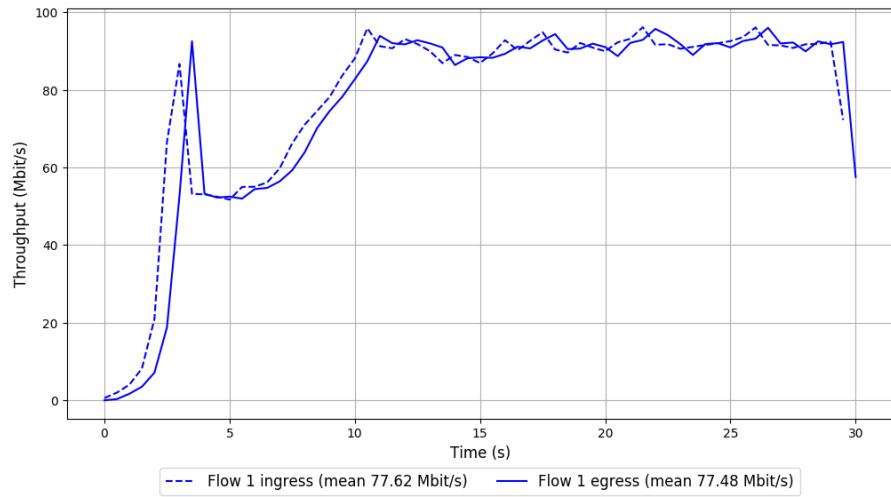


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-08-01 19:11:36
End at: 2018-08-01 19:12:06
Local clock offset: -6.622 ms
Remote clock offset: 1.57 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.48 Mbit/s
95th percentile per-packet one-way delay: 84.752 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 77.48 Mbit/s
95th percentile per-packet one-way delay: 84.752 ms
Loss rate: 0.74%
```

Run 9: Report of PCC-Vivace — Data Link

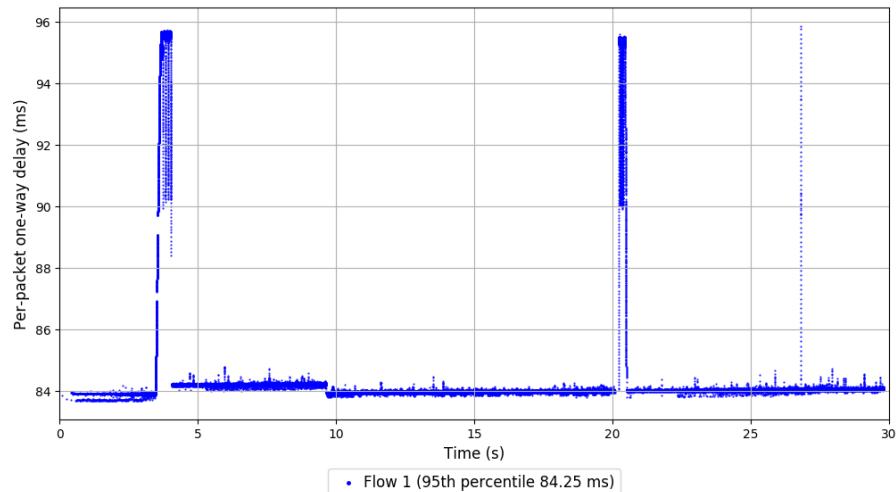
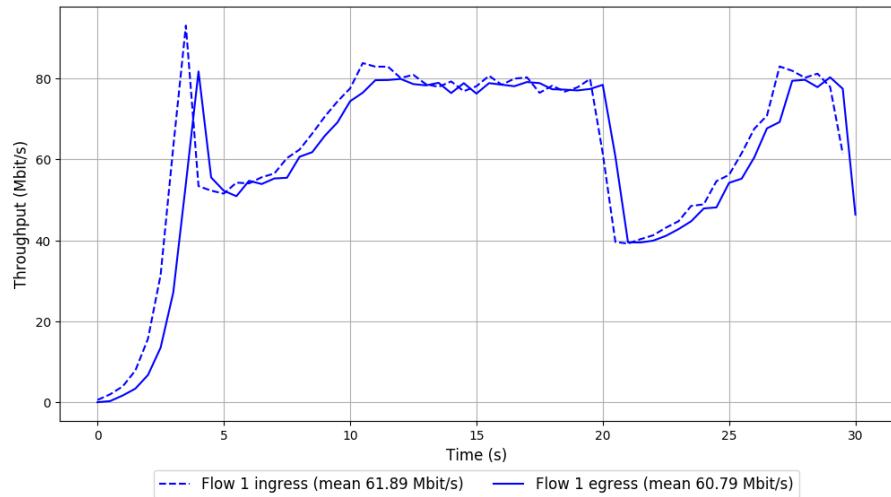


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-08-01 19:31:33
End at: 2018-08-01 19:32:03
Local clock offset: -6.203 ms
Remote clock offset: 9.361 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.79 Mbit/s
95th percentile per-packet one-way delay: 84.255 ms
Loss rate: 2.32%
-- Flow 1:
Average throughput: 60.79 Mbit/s
95th percentile per-packet one-way delay: 84.255 ms
Loss rate: 2.32%
```

Run 10: Report of PCC-Vivace — Data Link

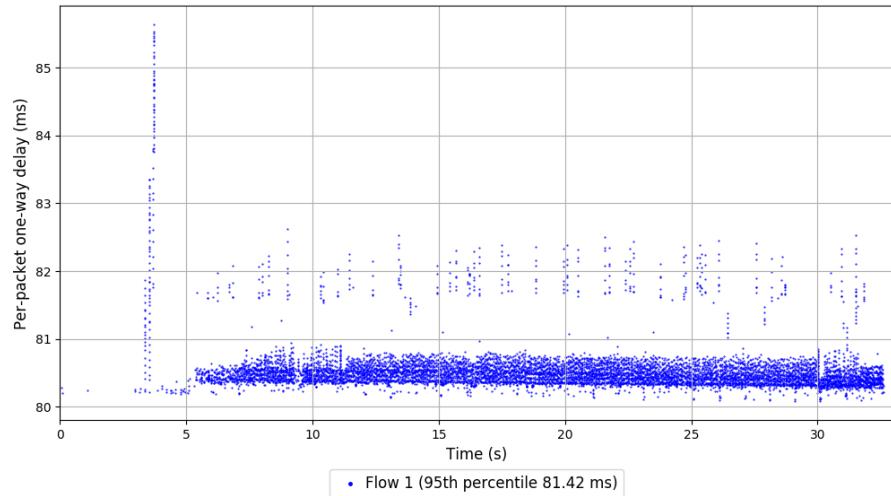
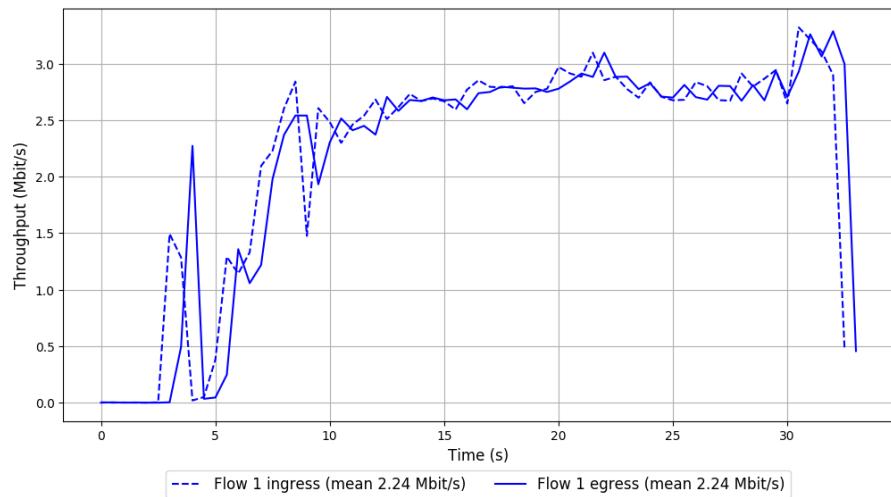


```
Run 1: Statistics of WebRTC media

Start at: 2018-08-01 16:26:00
End at: 2018-08-01 16:26:30
Local clock offset: -8.429 ms
Remote clock offset: 8.487 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 81.416 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 81.416 ms
Loss rate: 0.29%
```

Run 1: Report of WebRTC media — Data Link

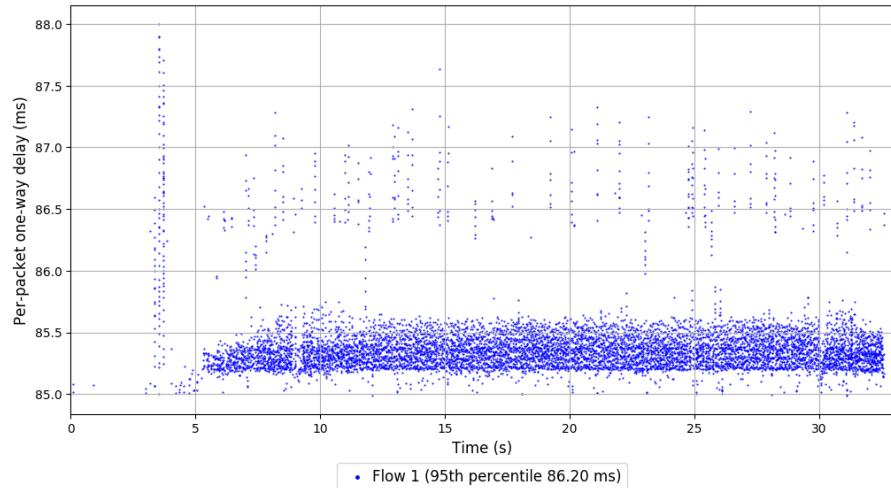
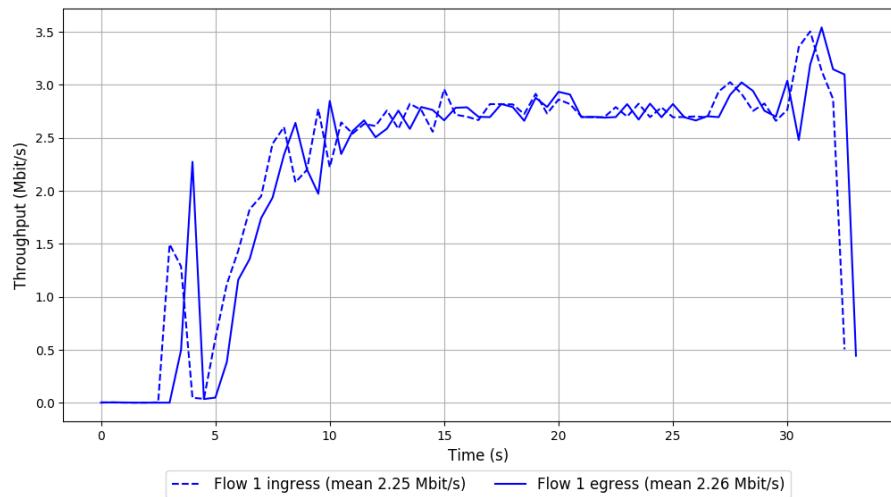


Run 2: Statistics of WebRTC media

```
Start at: 2018-08-01 16:45:53
End at: 2018-08-01 16:46:23
Local clock offset: -7.245 ms
Remote clock offset: 2.886 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 86.202 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 86.202 ms
Loss rate: 0.30%
```

Run 2: Report of WebRTC media — Data Link

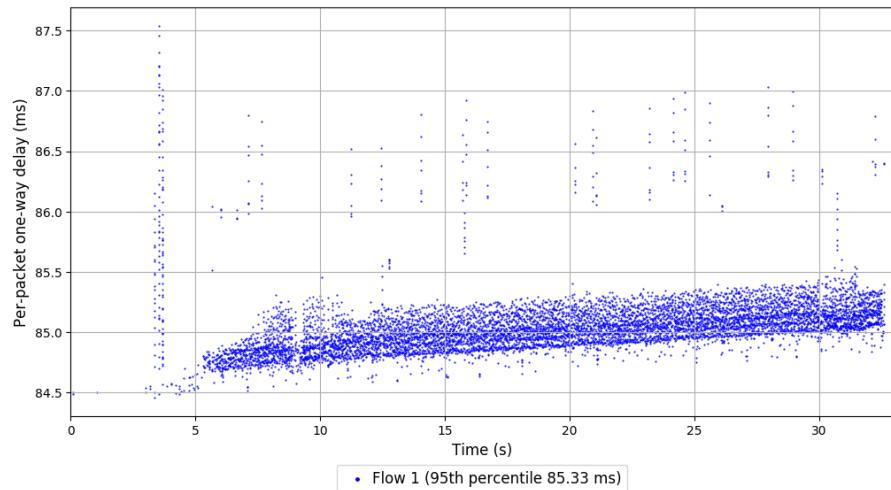
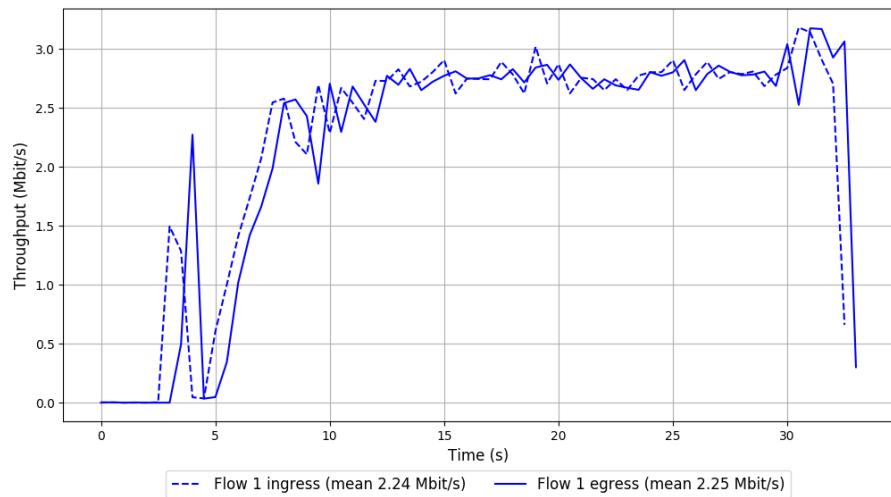


Run 3: Statistics of WebRTC media

```
Start at: 2018-08-01 17:05:48
End at: 2018-08-01 17:06:18
Local clock offset: -7.307 ms
Remote clock offset: 4.105 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 85.326 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 85.326 ms
Loss rate: 0.33%
```

Run 3: Report of WebRTC media — Data Link

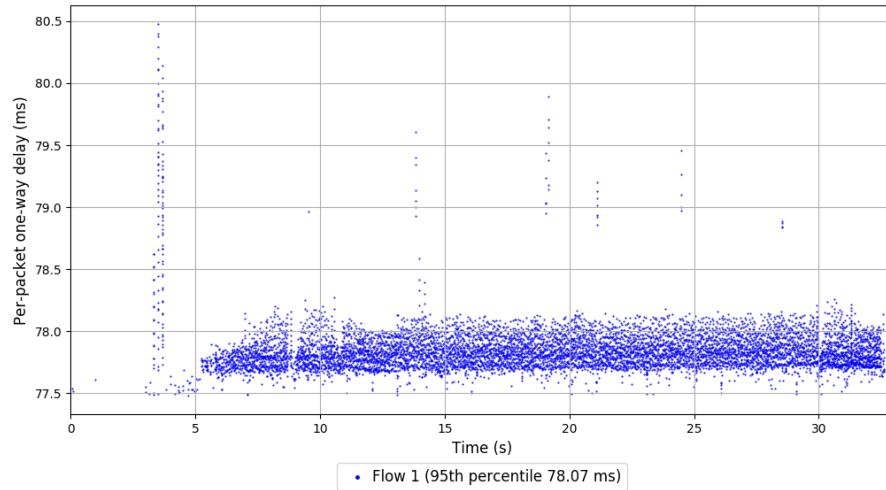
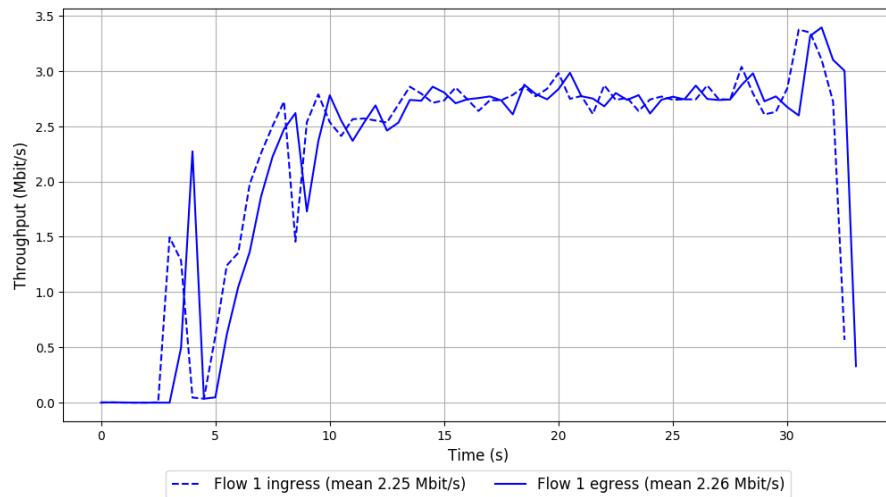


Run 4: Statistics of WebRTC media

```
Start at: 2018-08-01 17:25:43
End at: 2018-08-01 17:26:13
Local clock offset: -7.29 ms
Remote clock offset: 15.816 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 78.072 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 78.072 ms
Loss rate: 0.32%
```

Run 4: Report of WebRTC media — Data Link

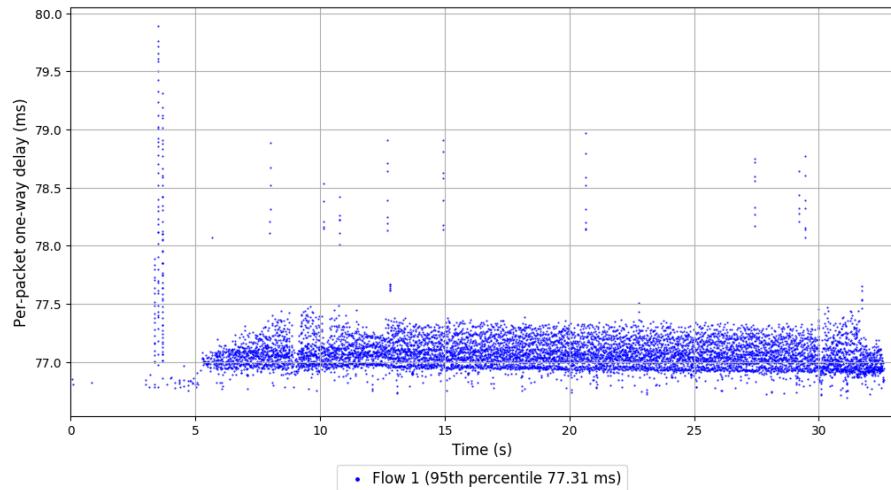
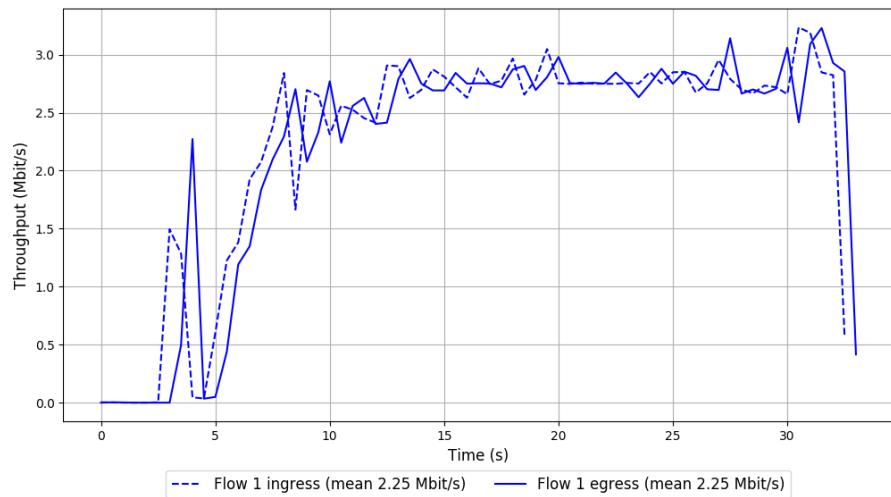


Run 5: Statistics of WebRTC media

```
Start at: 2018-08-01 17:45:49
End at: 2018-08-01 17:46:19
Local clock offset: -6.663 ms
Remote clock offset: 16.76 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 77.308 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 77.308 ms
Loss rate: 0.36%
```

Run 5: Report of WebRTC media — Data Link

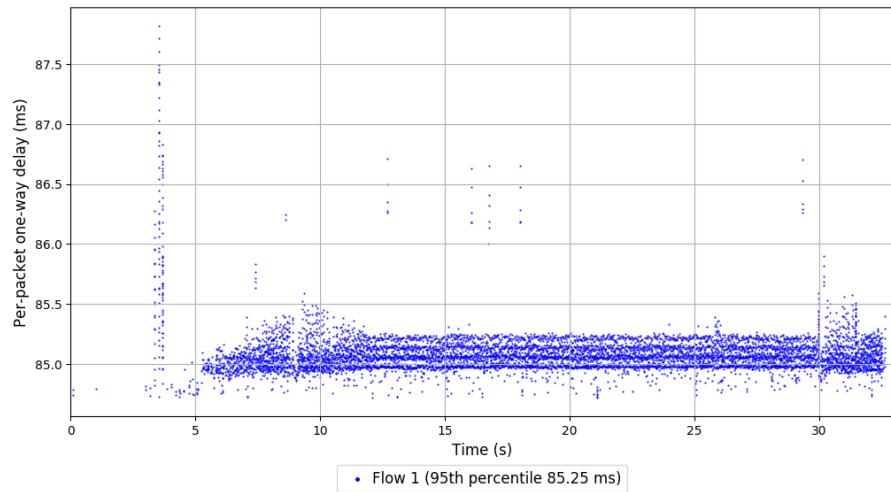
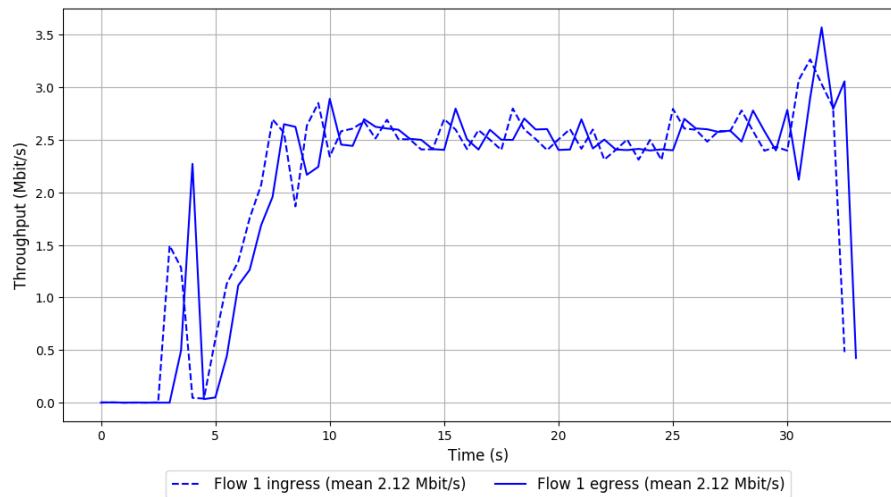


Run 6: Statistics of WebRTC media

```
Start at: 2018-08-01 18:05:52
End at: 2018-08-01 18:06:22
Local clock offset: -6.681 ms
Remote clock offset: 10.149 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 85.253 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 85.253 ms
Loss rate: 0.23%
```

Run 6: Report of WebRTC media — Data Link

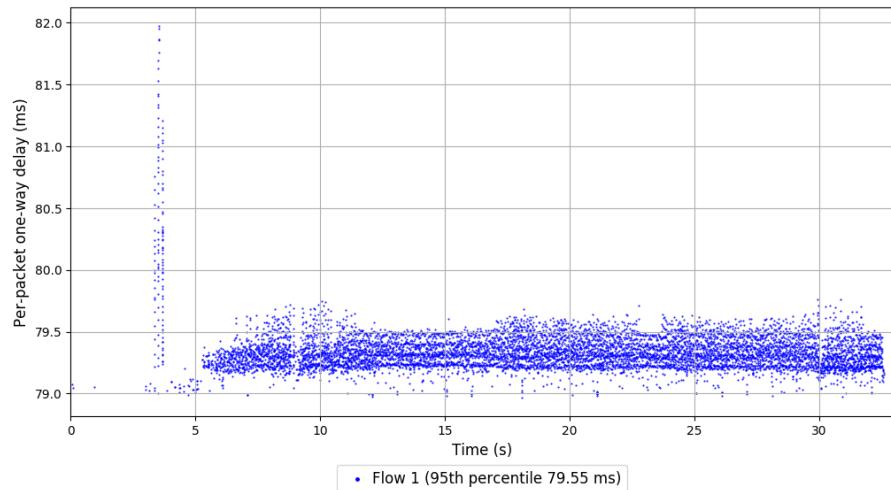
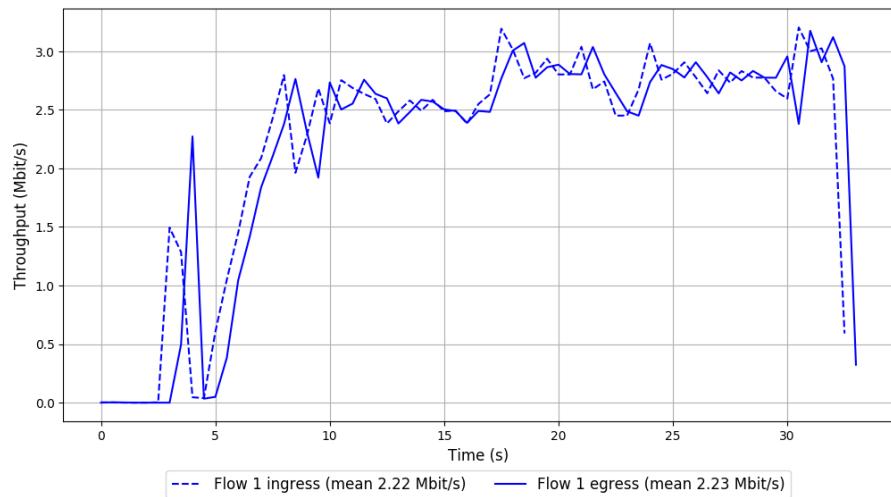


Run 7: Statistics of WebRTC media

```
Start at: 2018-08-01 18:25:58
End at: 2018-08-01 18:26:28
Local clock offset: -6.816 ms
Remote clock offset: 15.118 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 79.551 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 79.551 ms
Loss rate: 0.39%
```

Run 7: Report of WebRTC media — Data Link

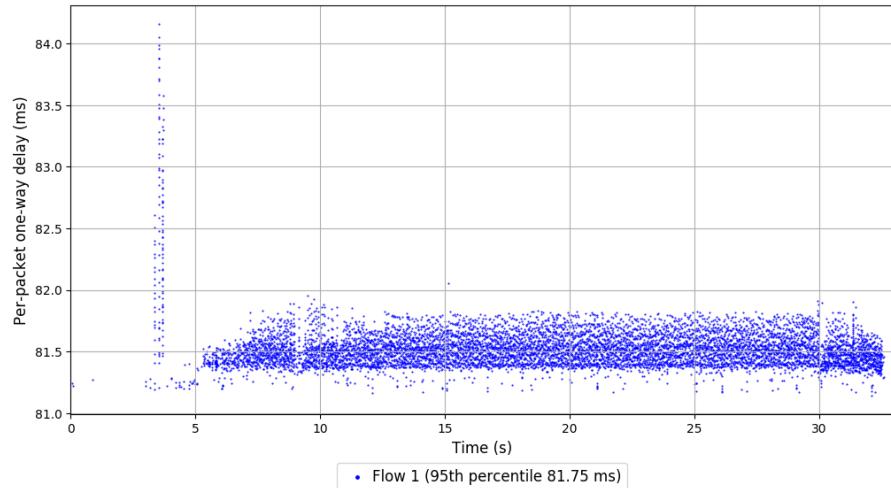
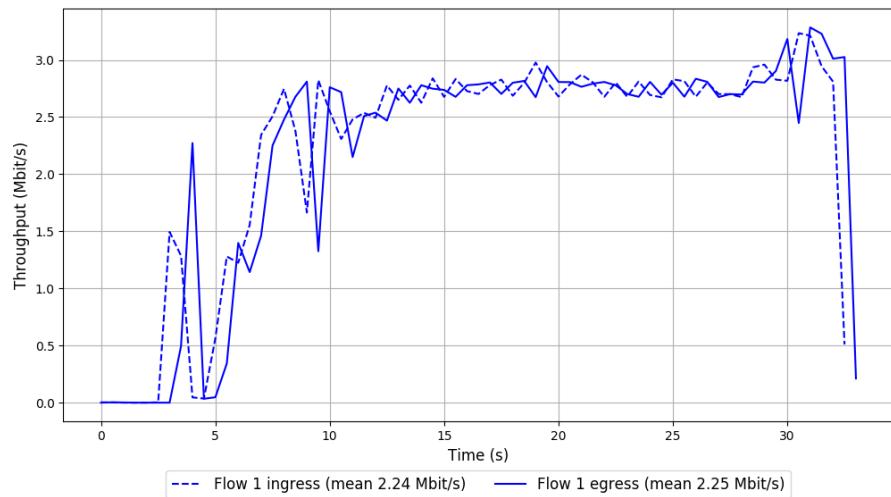


Run 8: Statistics of WebRTC media

```
Start at: 2018-08-01 18:45:52
End at: 2018-08-01 18:46:22
Local clock offset: -6.675 ms
Remote clock offset: 12.743 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 81.752 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 81.752 ms
Loss rate: 0.33%
```

Run 8: Report of WebRTC media — Data Link

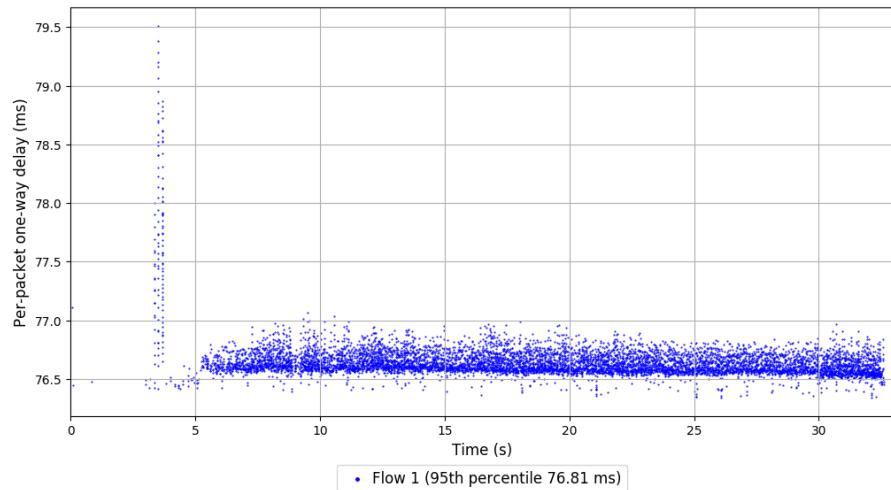
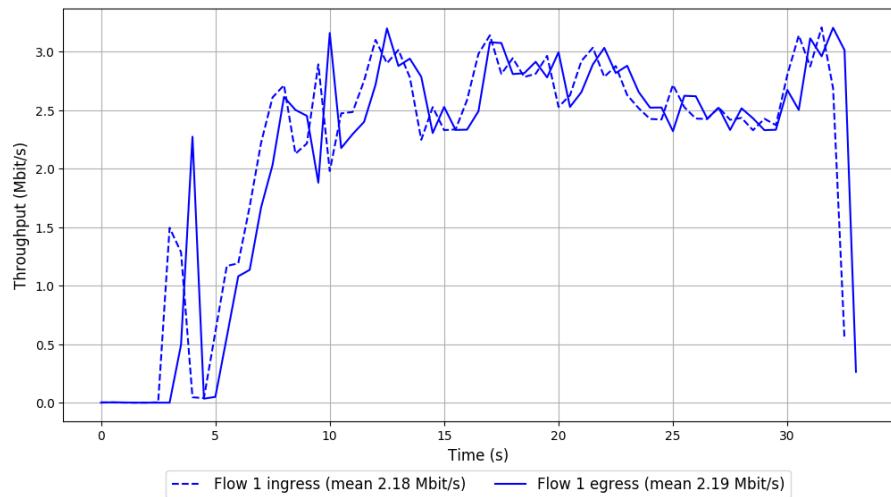


Run 9: Statistics of WebRTC media

```
Start at: 2018-08-01 19:05:49
End at: 2018-08-01 19:06:19
Local clock offset: -6.613 ms
Remote clock offset: 8.376 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 76.813 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 76.813 ms
Loss rate: 0.26%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: 2018-08-01 19:25:47
End at: 2018-08-01 19:26:17
Local clock offset: -6.457 ms
Remote clock offset: 6.163 ms

# Below is generated by plot.py at 2018-08-01 19:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 82.484 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 82.484 ms
Loss rate: 0.27%
```

Run 10: Report of WebRTC media — Data Link

