

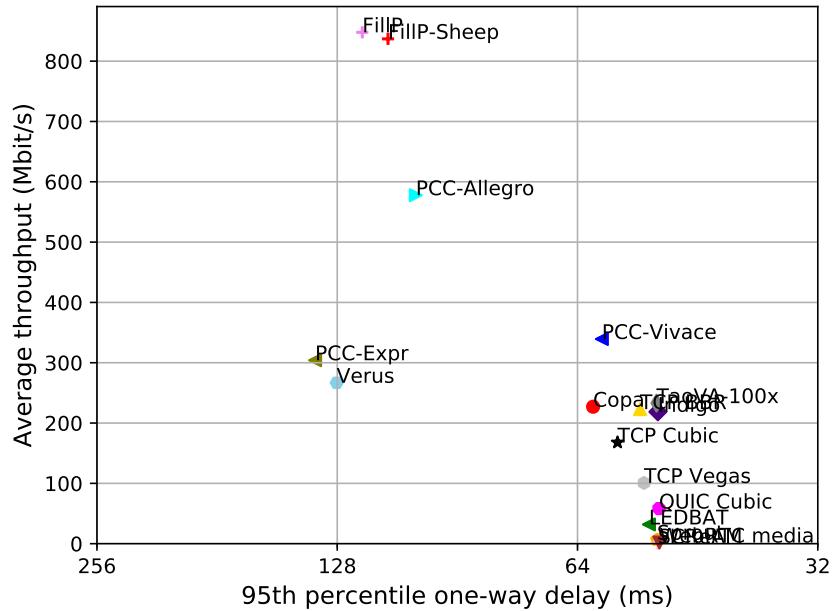
Pantheon Report

Generated at 2018-08-03 10:34:58 (UTC).
Data path: GCE London Ethernet (*local*) → GCE Iowa Ethernet (*remote*).
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 `time.google.com` and have been applied
to correct the timestamps in logs.

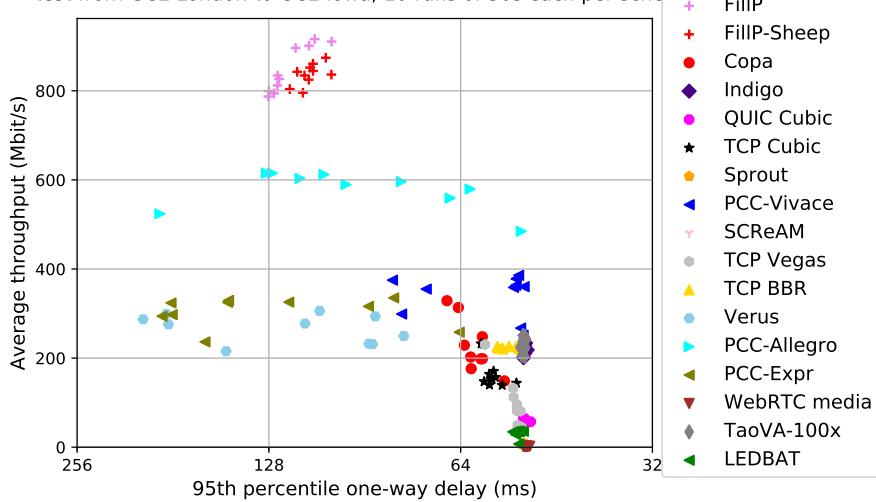
Git summary:

```
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 GCE London to GCE Iowa, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from GCE London to GCE Iowa, 10 runs of 30s each per scheme



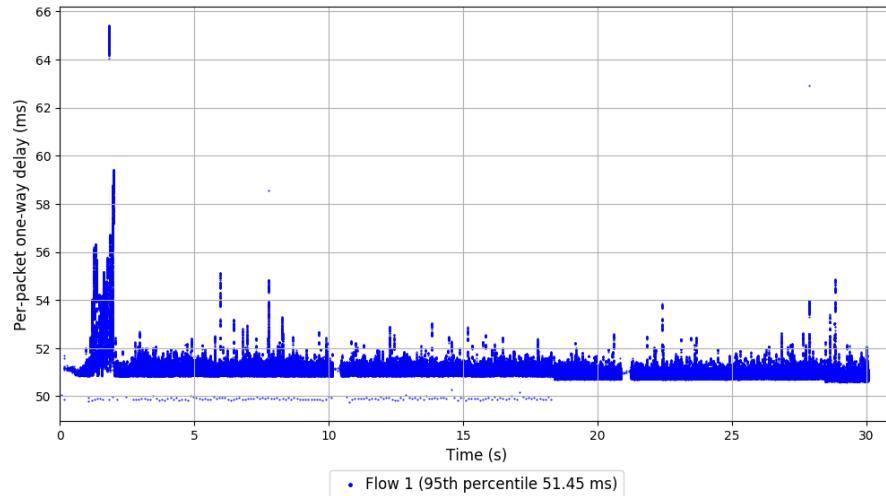
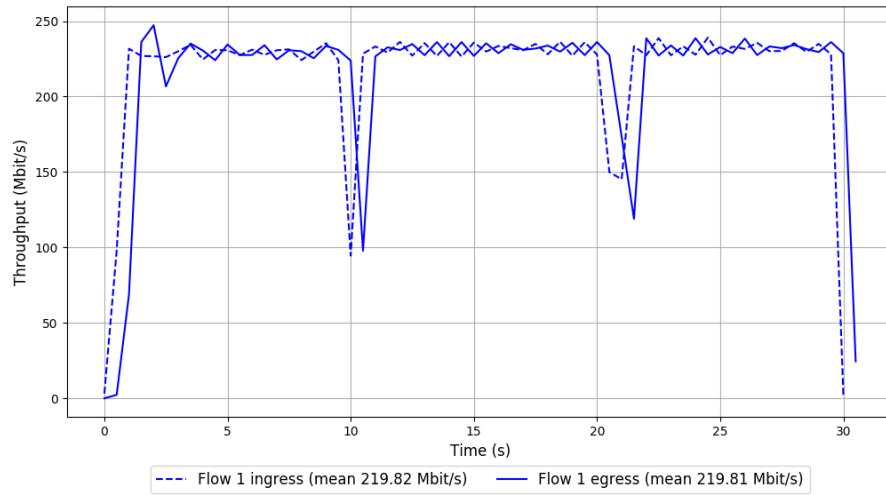
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	223.08	53.44	0.00
Copa	9	227.08	61.19	0.00
TCP Cubic	10	167.79	57.02	0.01
FillP	10	847.78	119.07	3.45
FillP-Sheep	10	836.93	110.56	0.88
Indigo	10	218.64	50.76	0.01
LEDBAT	10	31.91	52.09	0.00
PCC-Allegro	10	577.79	102.04	1.44
PCC-Expr	10	304.15	136.45	1.69
QUIC Cubic	5	58.28	50.60	0.00
SCReAM	10	0.22	50.75	0.01
Sprout	10	6.60	50.89	0.00
TaoVA-100x	10	233.06	50.96	0.00
TCP Vegas	10	100.73	52.83	0.00
Verus	10	266.74	128.22	2.74
PCC-Vivace	10	339.37	59.67	0.15
WebRTC media	10	1.85	50.54	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2018-08-03 04:57:40
End at: 2018-08-03 04:58:10
Local clock offset: -0.27 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2018-08-03 08:38:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 219.81 Mbit/s
95th percentile per-packet one-way delay: 51.447 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 219.81 Mbit/s
95th percentile per-packet one-way delay: 51.447 ms
Loss rate: 0.00%
```

Run 1: Report of TCP BBR — Data Link

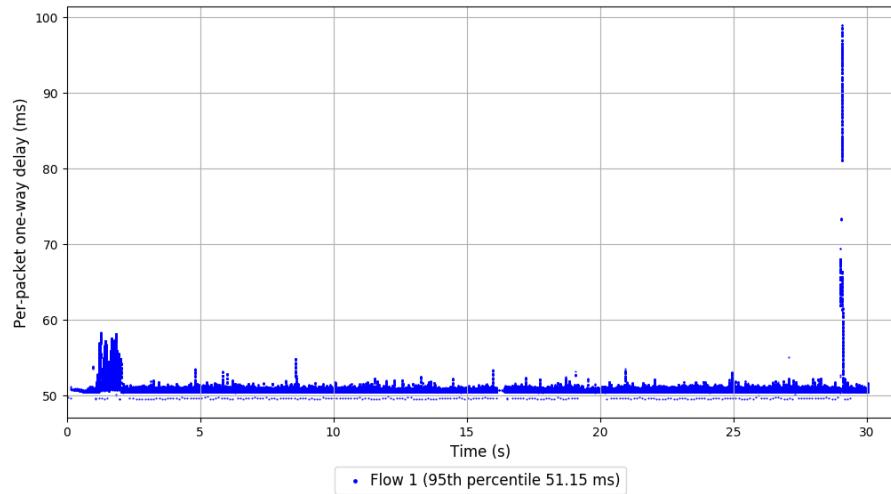
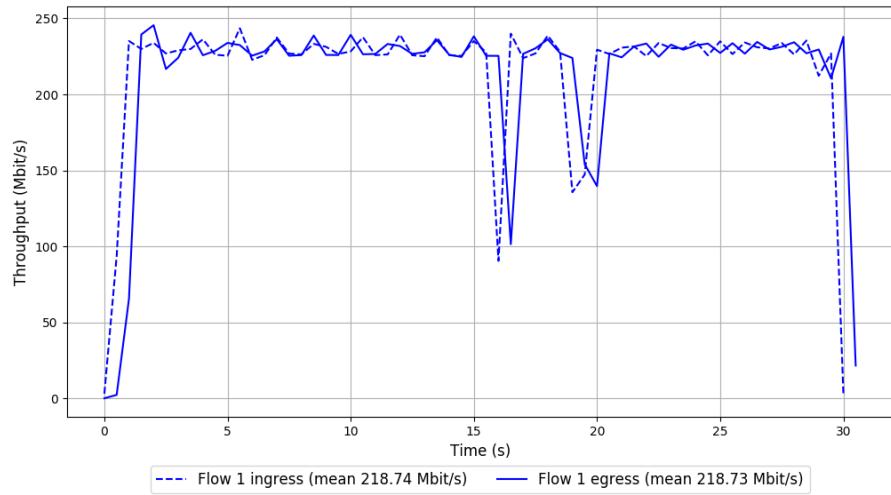


Run 2: Statistics of TCP BBR

```
Start at: 2018-08-03 05:19:58
End at: 2018-08-03 05:20:28
Local clock offset: -0.007 ms
Remote clock offset: -0.078 ms

# Below is generated by plot.py at 2018-08-03 08:38:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 218.73 Mbit/s
95th percentile per-packet one-way delay: 51.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 218.73 Mbit/s
95th percentile per-packet one-way delay: 51.154 ms
Loss rate: 0.00%
```

Run 2: Report of TCP BBR — Data Link

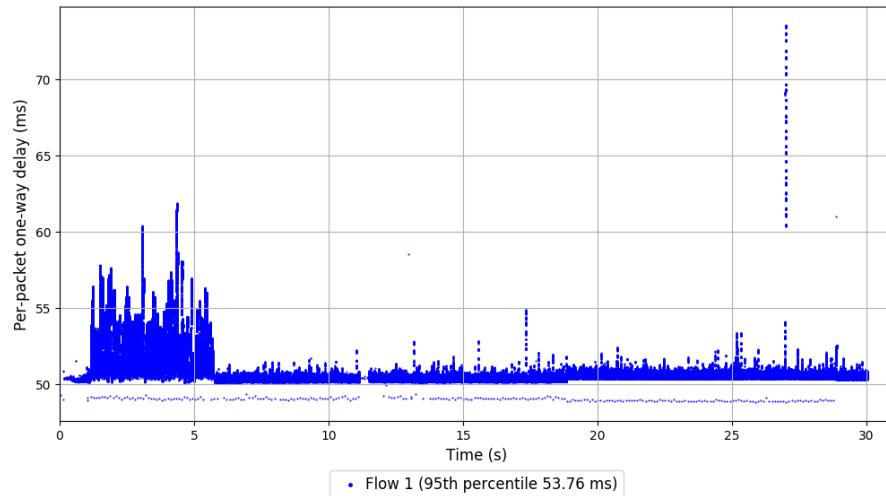
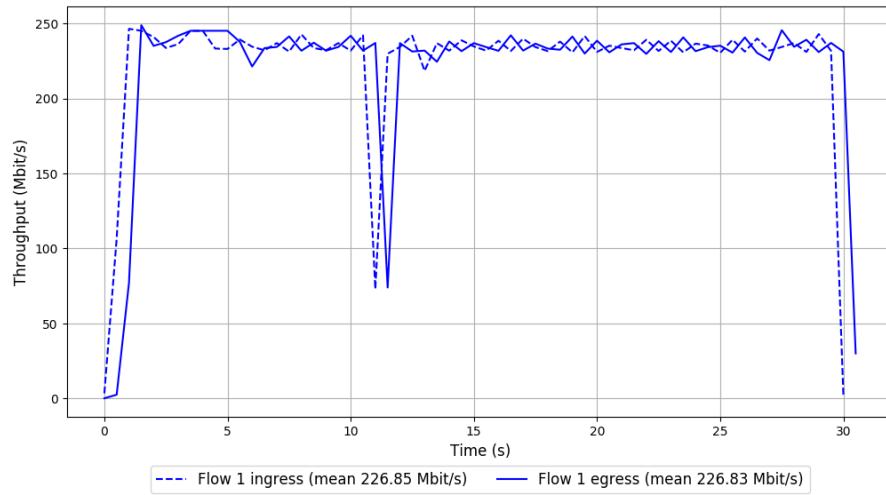


Run 3: Statistics of TCP BBR

```
Start at: 2018-08-03 05:42:29
End at: 2018-08-03 05:42:59
Local clock offset: -0.057 ms
Remote clock offset: -0.077 ms

# Below is generated by plot.py at 2018-08-03 08:39:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 226.83 Mbit/s
95th percentile per-packet one-way delay: 53.762 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 226.83 Mbit/s
95th percentile per-packet one-way delay: 53.762 ms
Loss rate: 0.01%
```

Run 3: Report of TCP BBR — Data Link

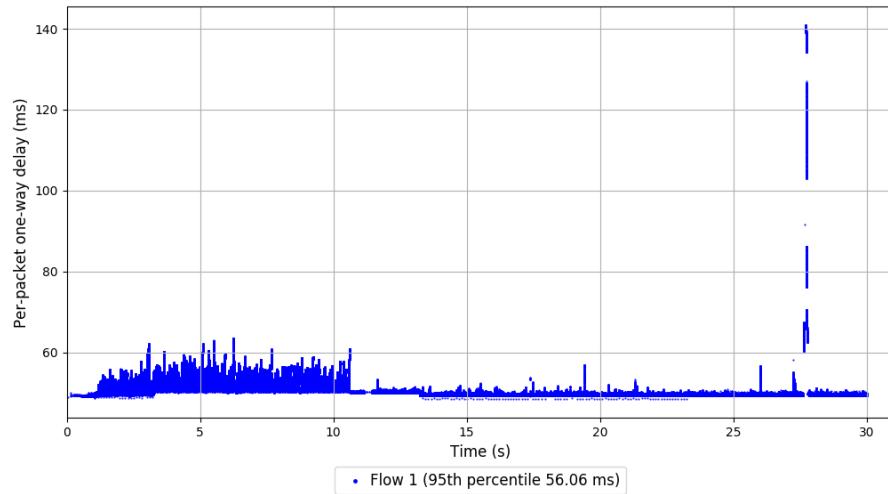
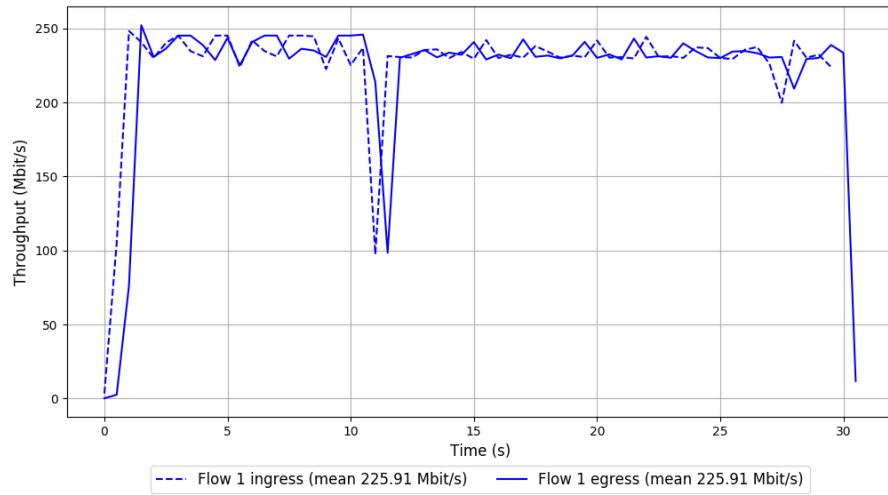


Run 4: Statistics of TCP BBR

```
Start at: 2018-08-03 06:05:05
End at: 2018-08-03 06:05:35
Local clock offset: 0.501 ms
Remote clock offset: -0.028 ms

# Below is generated by plot.py at 2018-08-03 08:39:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 225.91 Mbit/s
95th percentile per-packet one-way delay: 56.056 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 225.91 Mbit/s
95th percentile per-packet one-way delay: 56.056 ms
Loss rate: 0.00%
```

Run 4: Report of TCP BBR — Data Link

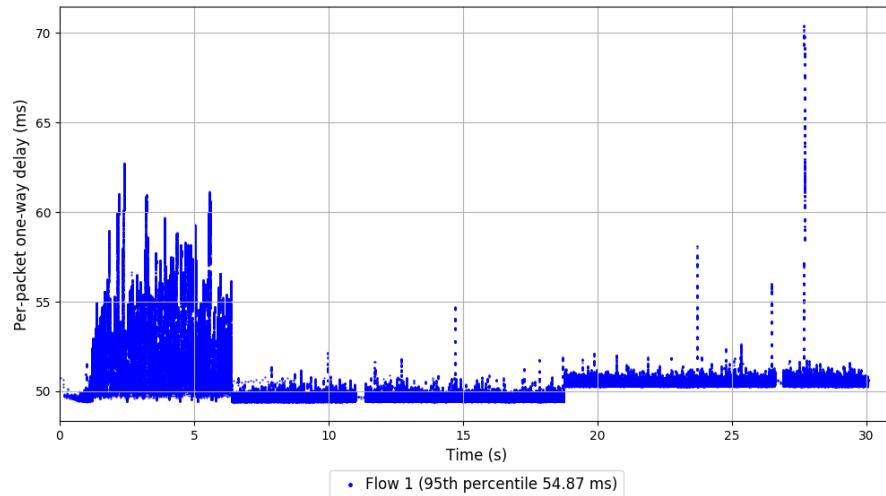
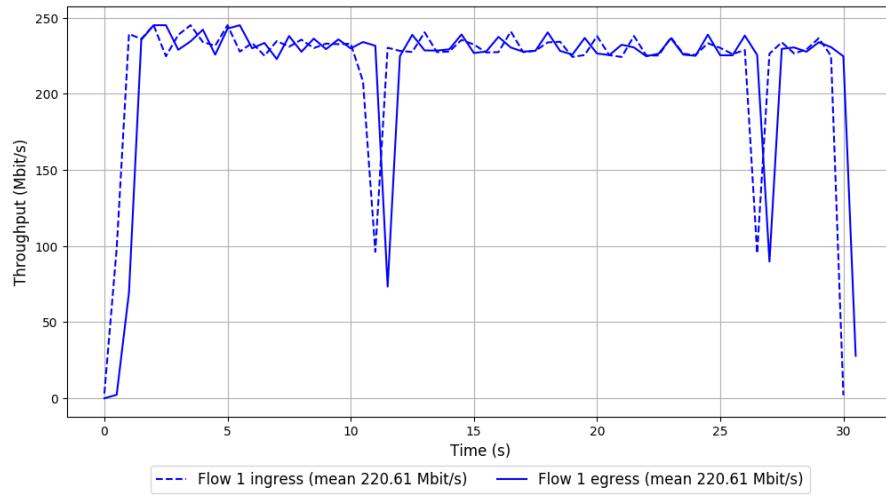


Run 5: Statistics of TCP BBR

```
Start at: 2018-08-03 06:27:29
End at: 2018-08-03 06:27:59
Local clock offset: 0.106 ms
Remote clock offset: -0.006 ms

# Below is generated by plot.py at 2018-08-03 08:39:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 220.61 Mbit/s
95th percentile per-packet one-way delay: 54.867 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 220.61 Mbit/s
95th percentile per-packet one-way delay: 54.867 ms
Loss rate: 0.00%
```

Run 5: Report of TCP BBR — Data Link

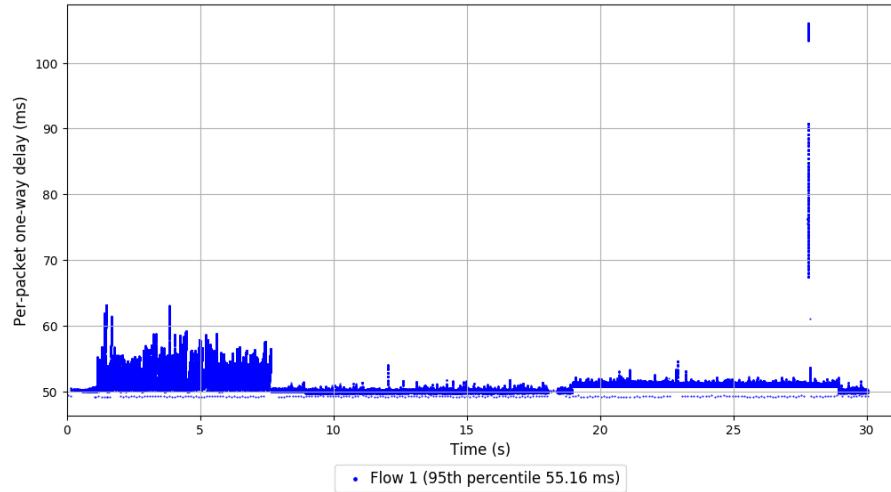
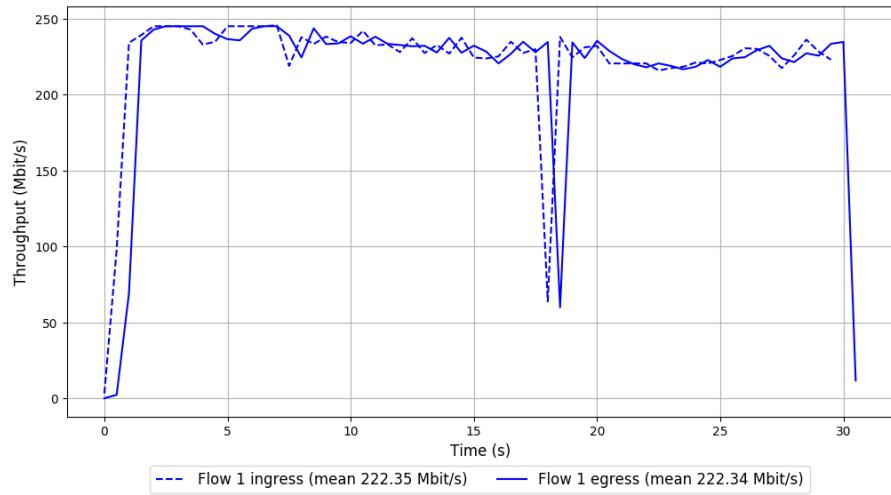


Run 6: Statistics of TCP BBR

```
Start at: 2018-08-03 06:49:49
End at: 2018-08-03 06:50:19
Local clock offset: -0.28 ms
Remote clock offset: 0.045 ms

# Below is generated by plot.py at 2018-08-03 08:39:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 222.34 Mbit/s
95th percentile per-packet one-way delay: 55.163 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 222.34 Mbit/s
95th percentile per-packet one-way delay: 55.163 ms
Loss rate: 0.00%
```

Run 6: Report of TCP BBR — Data Link

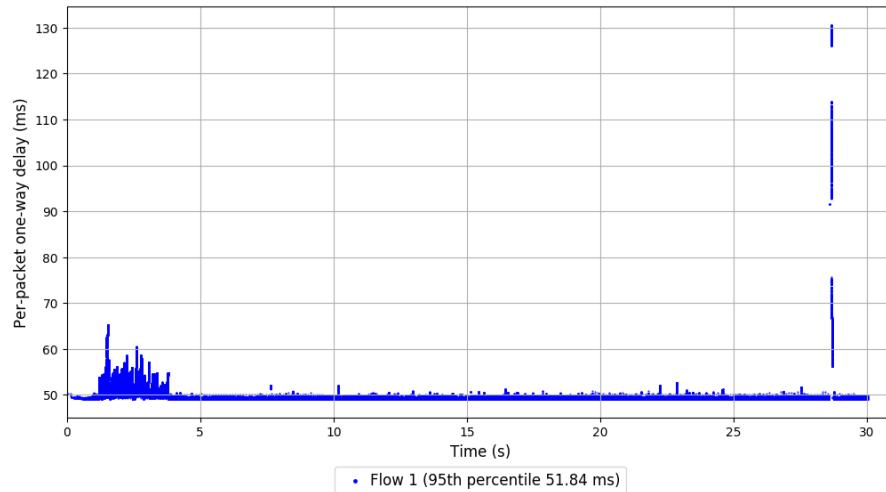
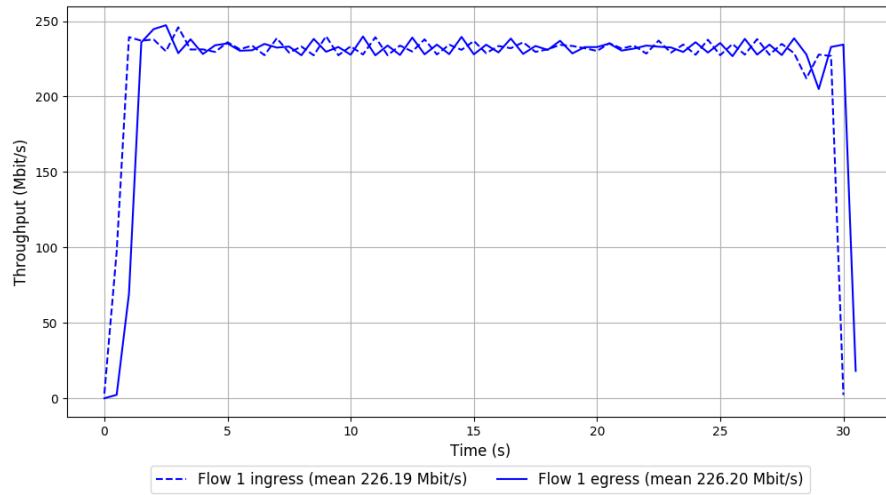


Run 7: Statistics of TCP BBR

```
Start at: 2018-08-03 07:11:58
End at: 2018-08-03 07:12:28
Local clock offset: 0.492 ms
Remote clock offset: -0.118 ms

# Below is generated by plot.py at 2018-08-03 08:39:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 226.20 Mbit/s
95th percentile per-packet one-way delay: 51.844 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 226.20 Mbit/s
95th percentile per-packet one-way delay: 51.844 ms
Loss rate: 0.00%
```

Run 7: Report of TCP BBR — Data Link

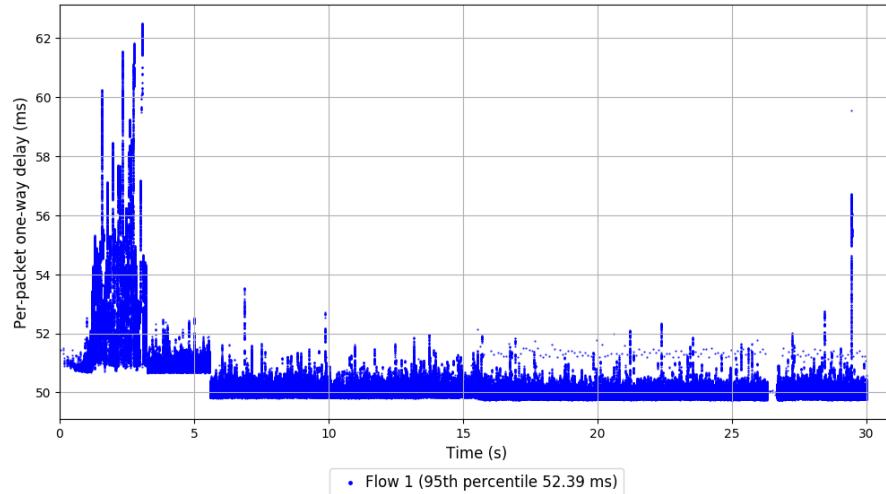
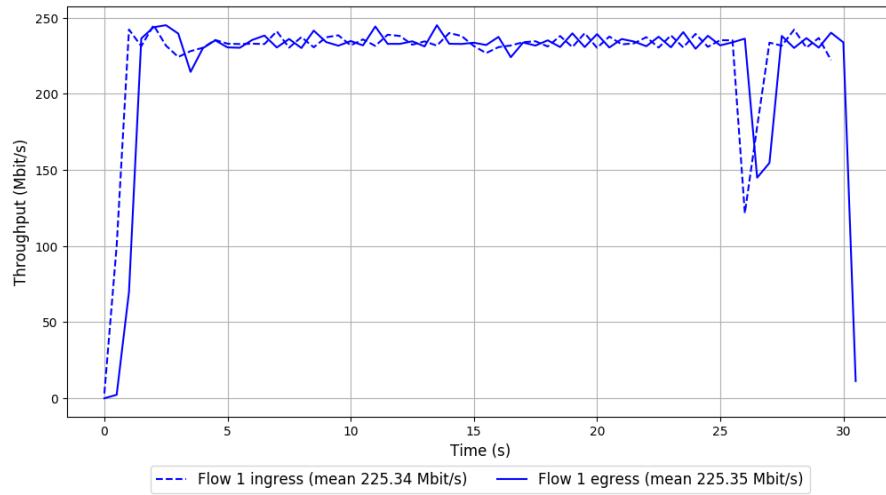


Run 8: Statistics of TCP BBR

```
Start at: 2018-08-03 07:34:02
End at: 2018-08-03 07:34:32
Local clock offset: -0.305 ms
Remote clock offset: -0.088 ms

# Below is generated by plot.py at 2018-08-03 08:39:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 225.35 Mbit/s
95th percentile per-packet one-way delay: 52.390 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 225.35 Mbit/s
95th percentile per-packet one-way delay: 52.390 ms
Loss rate: 0.00%
```

Run 8: Report of TCP BBR — Data Link

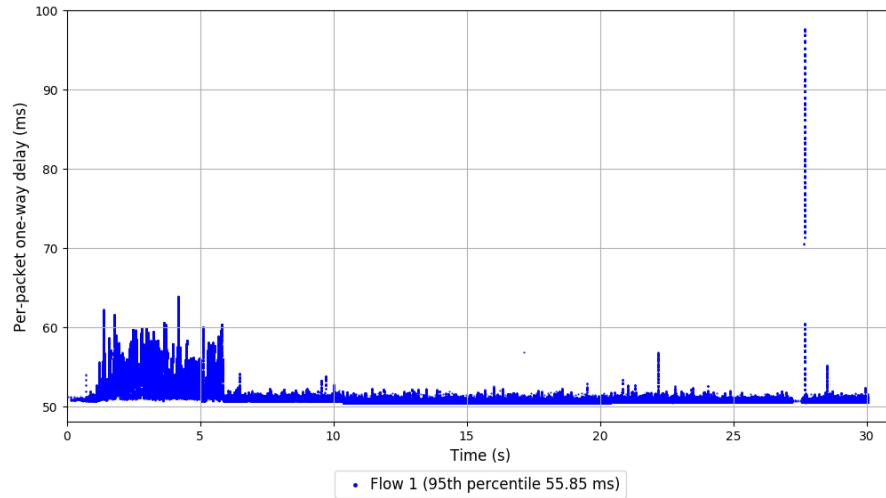
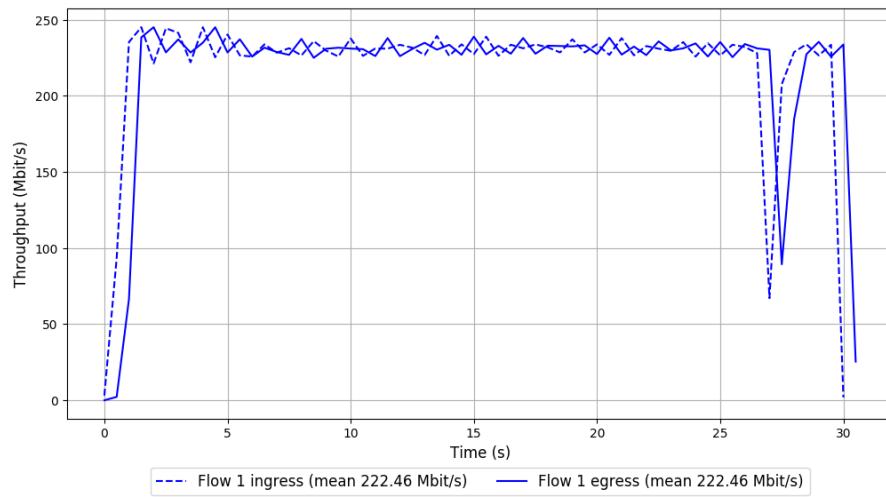


Run 9: Statistics of TCP BBR

```
Start at: 2018-08-03 07:56:18
End at: 2018-08-03 07:56:48
Local clock offset: -0.37 ms
Remote clock offset: -0.009 ms

# Below is generated by plot.py at 2018-08-03 08:42:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 222.46 Mbit/s
95th percentile per-packet one-way delay: 55.850 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 222.46 Mbit/s
95th percentile per-packet one-way delay: 55.850 ms
Loss rate: 0.00%
```

Run 9: Report of TCP BBR — Data Link

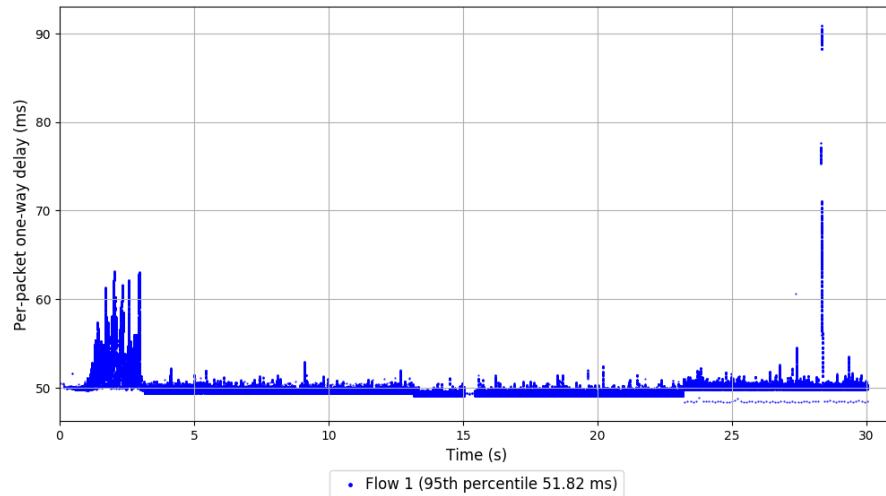
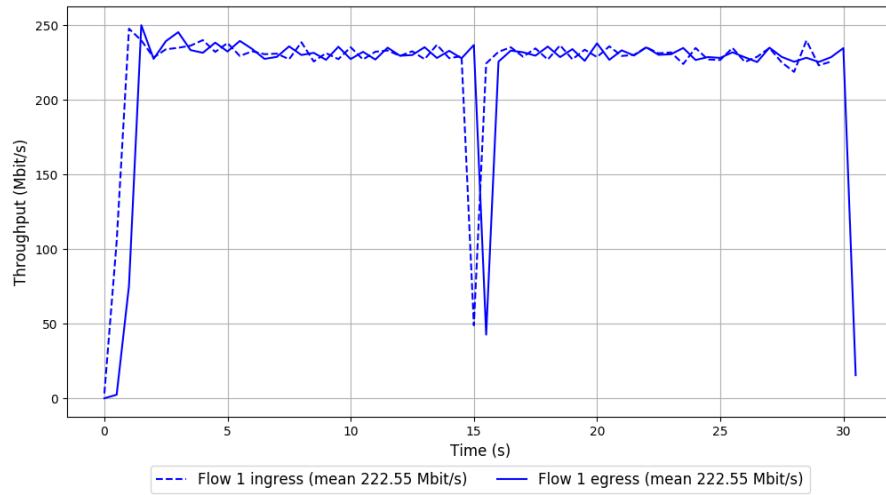


Run 10: Statistics of TCP BBR

```
Start at: 2018-08-03 08:18:35
End at: 2018-08-03 08:19:05
Local clock offset: 0.419 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2018-08-03 08:42:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 222.55 Mbit/s
95th percentile per-packet one-way delay: 51.817 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 222.55 Mbit/s
95th percentile per-packet one-way delay: 51.817 ms
Loss rate: 0.00%
```

Run 10: Report of TCP BBR — Data Link

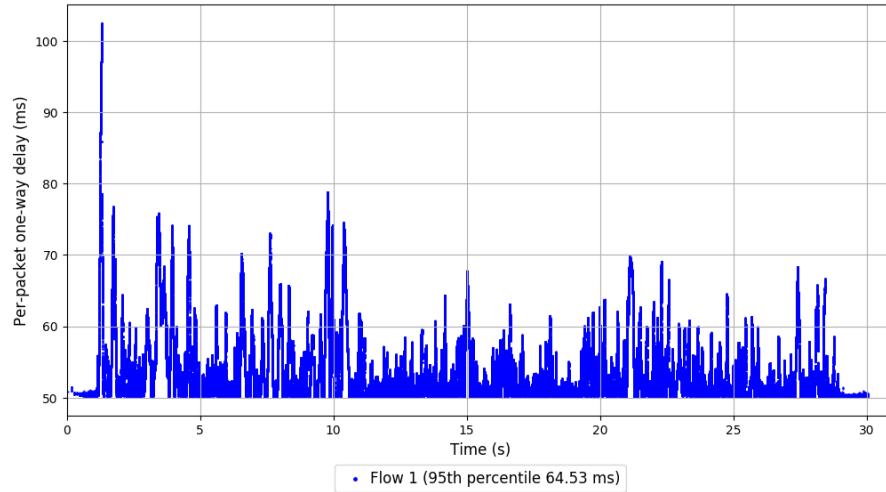
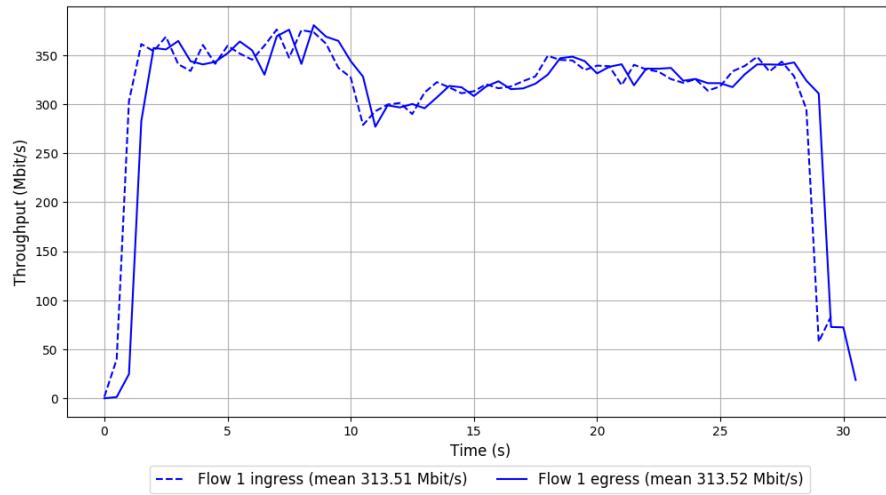


Run 1: Statistics of Copa

```
Start at: 2018-08-03 04:40:42
End at: 2018-08-03 04:41:12
Local clock offset: 0.192 ms
Remote clock offset: 0.033 ms

# Below is generated by plot.py at 2018-08-03 08:48:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 313.52 Mbit/s
95th percentile per-packet one-way delay: 64.528 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 313.52 Mbit/s
95th percentile per-packet one-way delay: 64.528 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

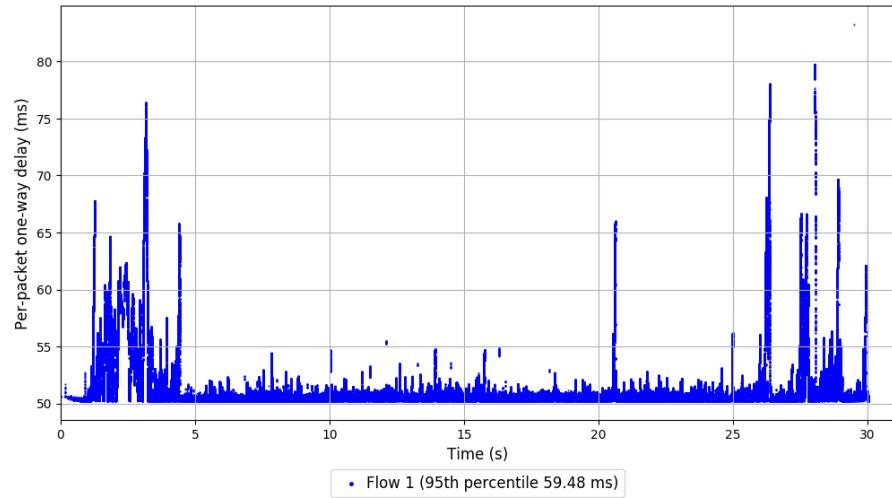
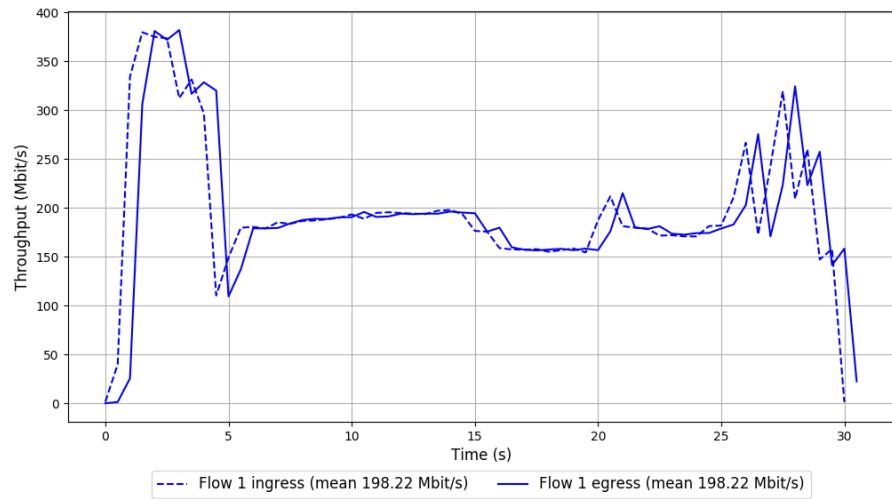


Run 2: Statistics of Copa

```
Start at: 2018-08-03 05:03:04
End at: 2018-08-03 05:03:34
Local clock offset: 0.072 ms
Remote clock offset: -0.03 ms

# Below is generated by plot.py at 2018-08-03 08:48:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 198.22 Mbit/s
95th percentile per-packet one-way delay: 59.483 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.22 Mbit/s
95th percentile per-packet one-way delay: 59.483 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

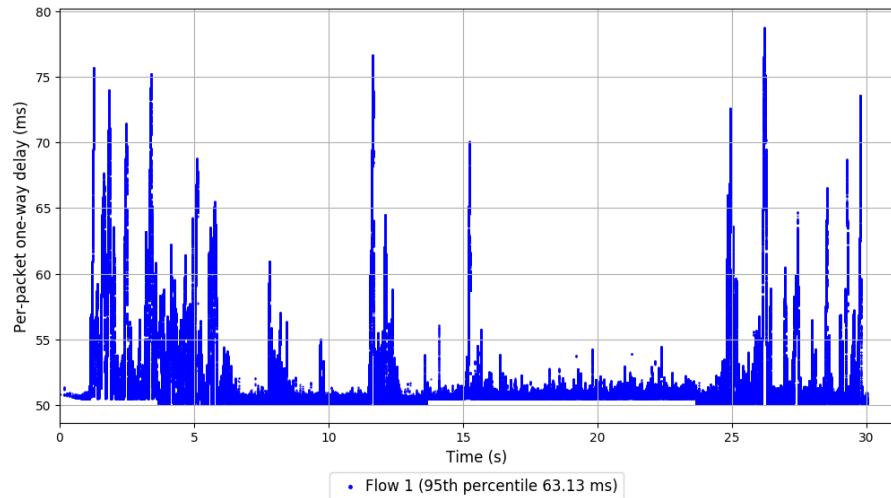
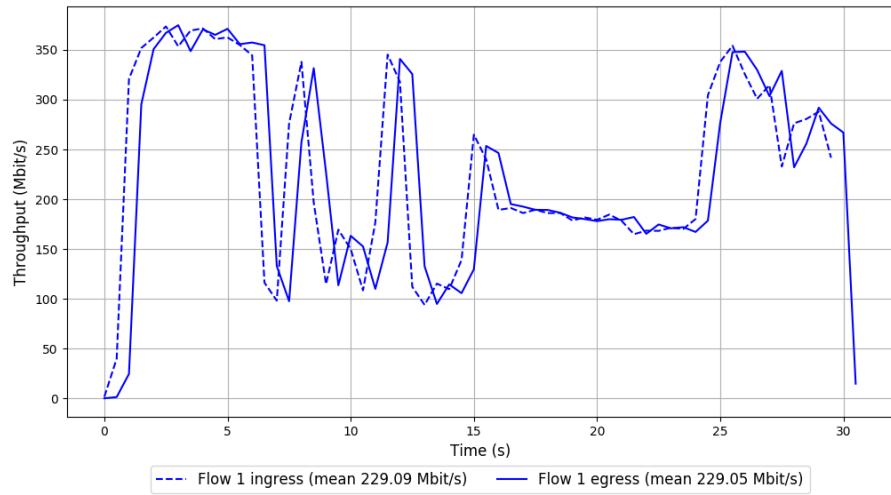


Run 3: Statistics of Copa

```
Start at: 2018-08-03 05:25:24
End at: 2018-08-03 05:25:54
Local clock offset: -0.02 ms
Remote clock offset: -0.091 ms

# Below is generated by plot.py at 2018-08-03 08:48:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 229.05 Mbit/s
95th percentile per-packet one-way delay: 63.130 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 229.05 Mbit/s
95th percentile per-packet one-way delay: 63.130 ms
Loss rate: 0.02%
```

Run 3: Report of Copa — Data Link

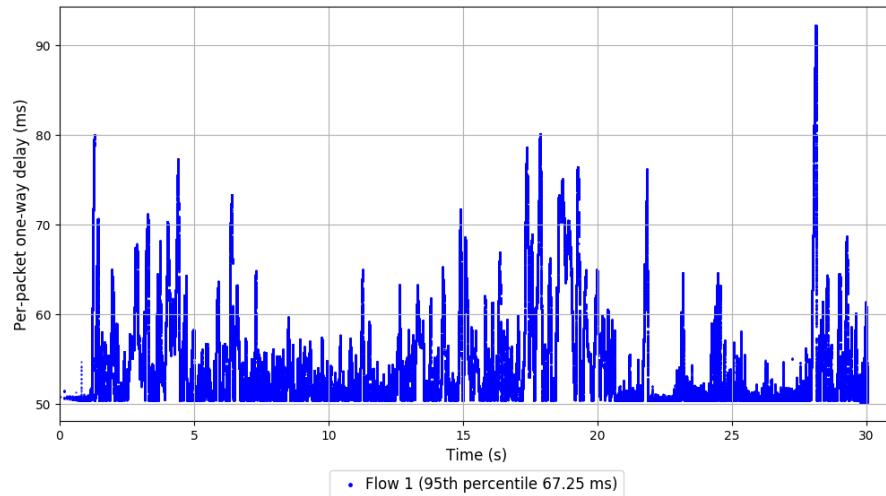
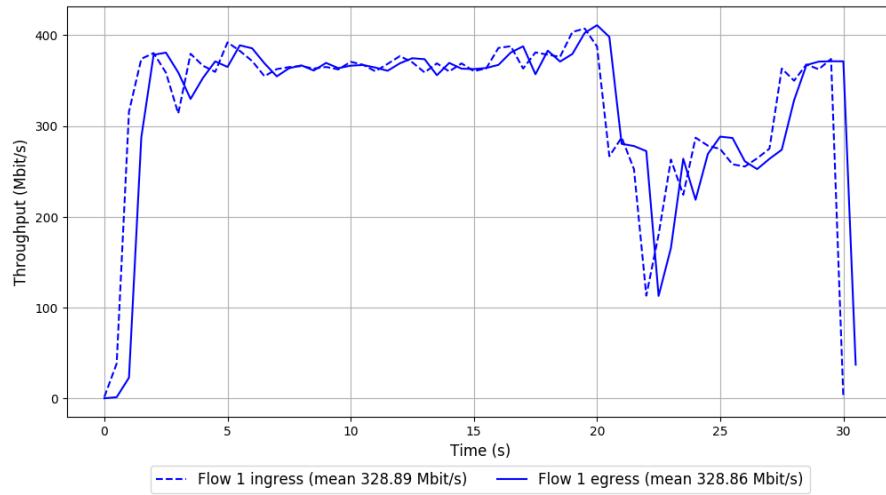


Run 4: Statistics of Copa

```
Start at: 2018-08-03 05:47:58
End at: 2018-08-03 05:48:28
Local clock offset: 0.024 ms
Remote clock offset: -0.07 ms

# Below is generated by plot.py at 2018-08-03 08:49:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 328.86 Mbit/s
95th percentile per-packet one-way delay: 67.248 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 328.86 Mbit/s
95th percentile per-packet one-way delay: 67.248 ms
Loss rate: 0.01%
```

Run 4: Report of Copa — Data Link

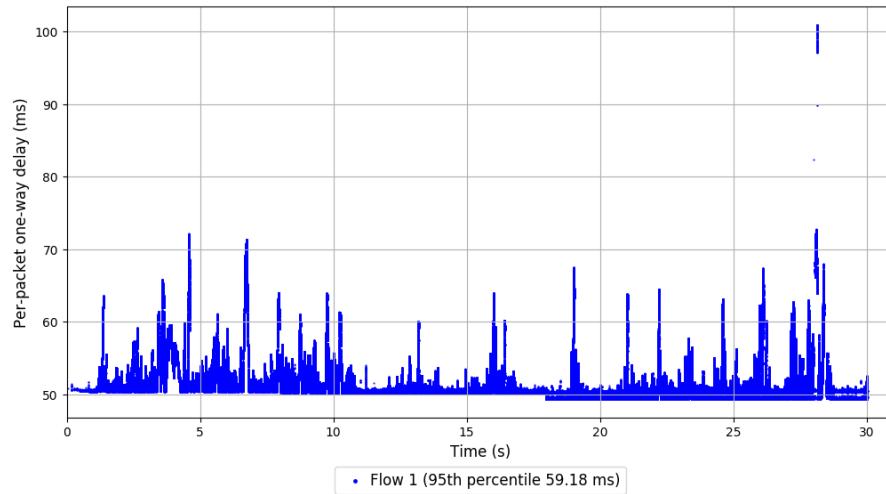
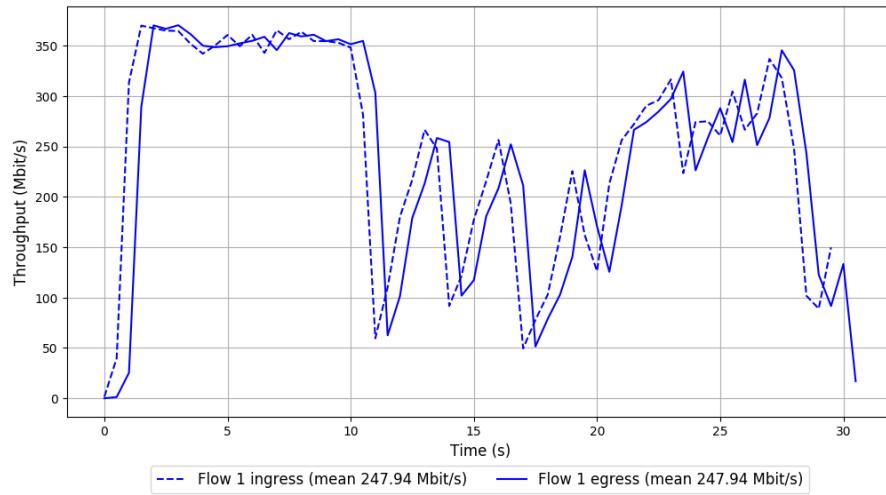


Run 5: Statistics of Copa

```
Start at: 2018-08-03 06:10:30
End at: 2018-08-03 06:11:00
Local clock offset: 0.204 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2018-08-03 08:49:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 247.94 Mbit/s
95th percentile per-packet one-way delay: 59.177 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 247.94 Mbit/s
95th percentile per-packet one-way delay: 59.177 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

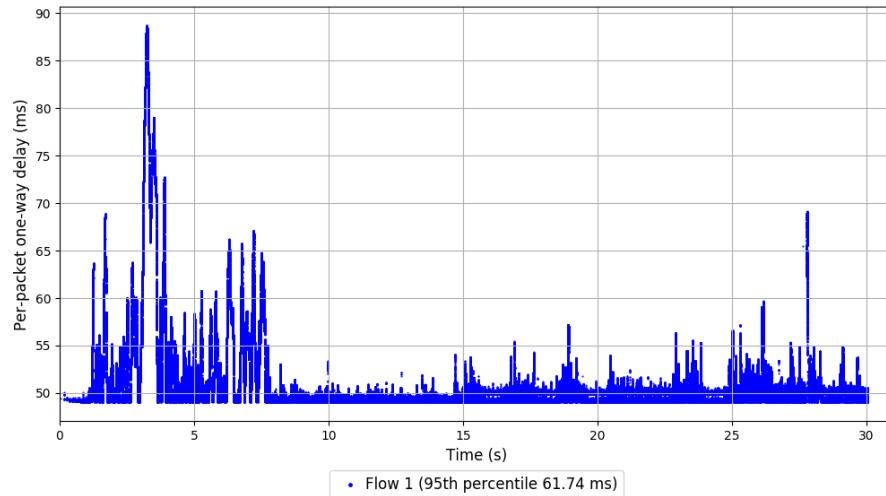
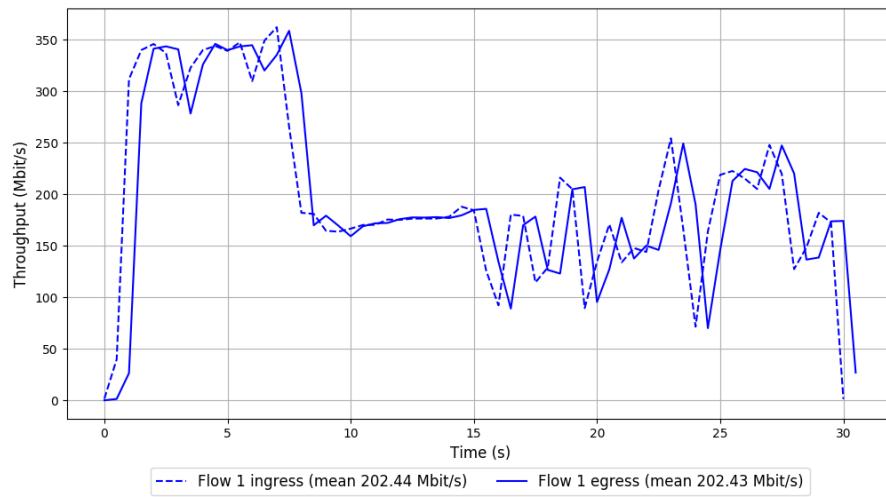


Run 6: Statistics of Copa

```
Start at: 2018-08-03 06:32:53
End at: 2018-08-03 06:33:23
Local clock offset: 0.494 ms
Remote clock offset: 0.072 ms

# Below is generated by plot.py at 2018-08-03 08:49:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 202.43 Mbit/s
95th percentile per-packet one-way delay: 61.736 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 202.43 Mbit/s
95th percentile per-packet one-way delay: 61.736 ms
Loss rate: 0.01%
```

Run 6: Report of Copa — Data Link

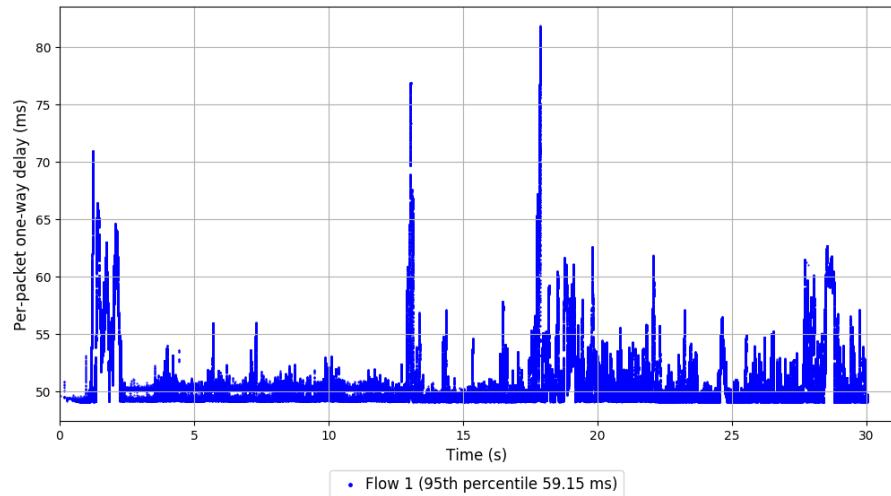
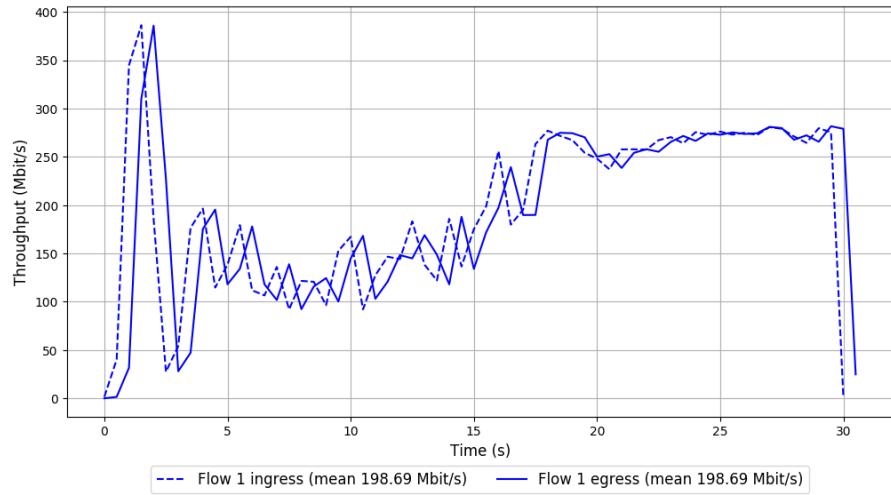


Run 7: Statistics of Copa

```
Start at: 2018-08-03 06:55:16
End at: 2018-08-03 06:55:46
Local clock offset: 0.465 ms
Remote clock offset: -0.023 ms

# Below is generated by plot.py at 2018-08-03 08:49:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 198.69 Mbit/s
95th percentile per-packet one-way delay: 59.145 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.69 Mbit/s
95th percentile per-packet one-way delay: 59.145 ms
Loss rate: 0.00%
```

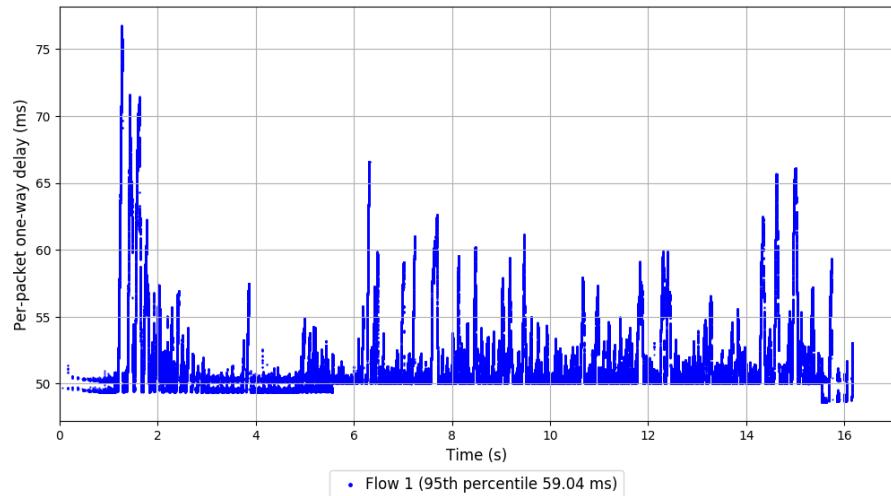
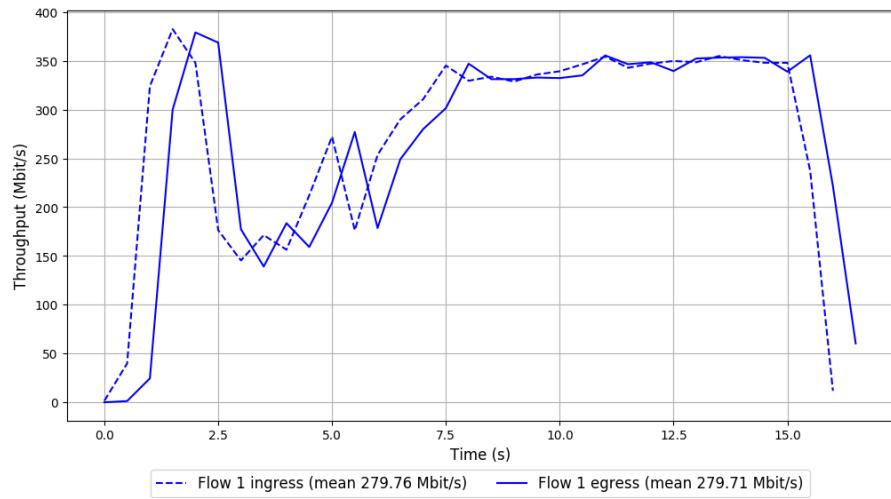
Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-08-03 07:17:22
End at: 2018-08-03 07:17:52
Local clock offset: 0.201 ms
Remote clock offset: -0.165 ms

Run 8: Report of Copa — Data Link

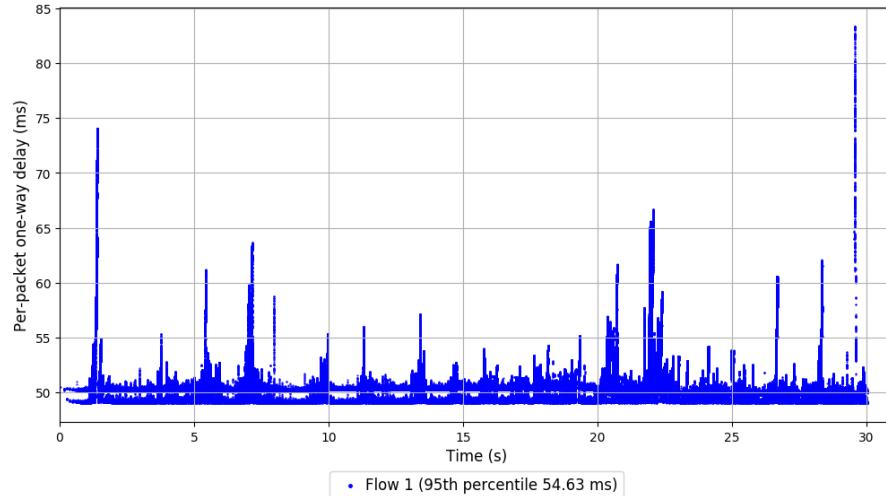
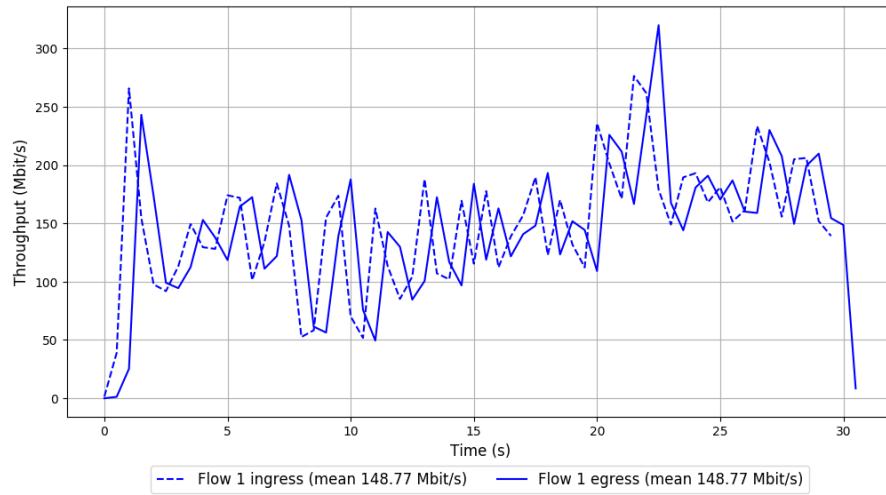


Run 9: Statistics of Copa

```
Start at: 2018-08-03 07:39:28
End at: 2018-08-03 07:39:58
Local clock offset: 0.363 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2018-08-03 08:50:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 148.77 Mbit/s
95th percentile per-packet one-way delay: 54.628 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 148.77 Mbit/s
95th percentile per-packet one-way delay: 54.628 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

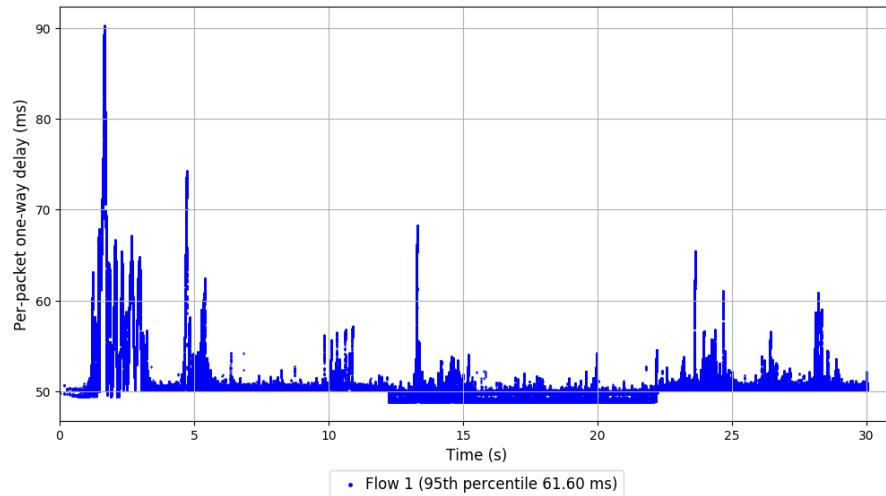
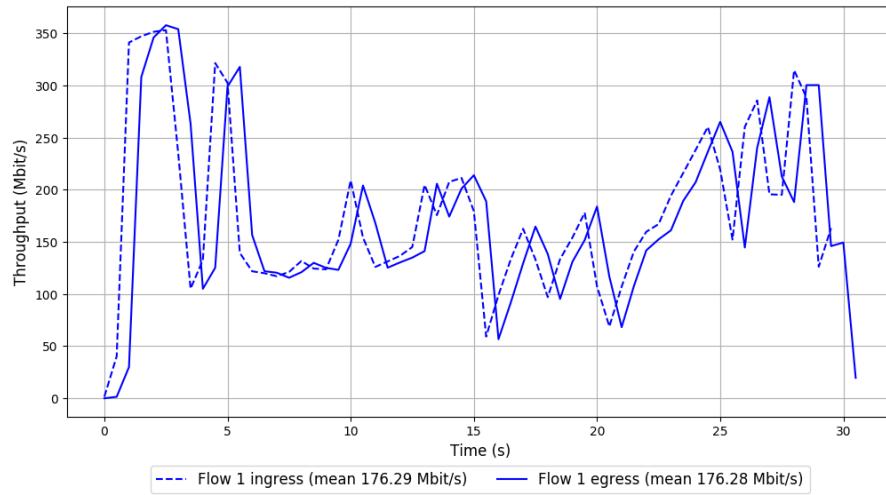


Run 10: Statistics of Copa

```
Start at: 2018-08-03 08:01:46
End at: 2018-08-03 08:02:16
Local clock offset: 0.038 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2018-08-03 08:51:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 176.28 Mbit/s
95th percentile per-packet one-way delay: 61.603 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 176.28 Mbit/s
95th percentile per-packet one-way delay: 61.603 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link

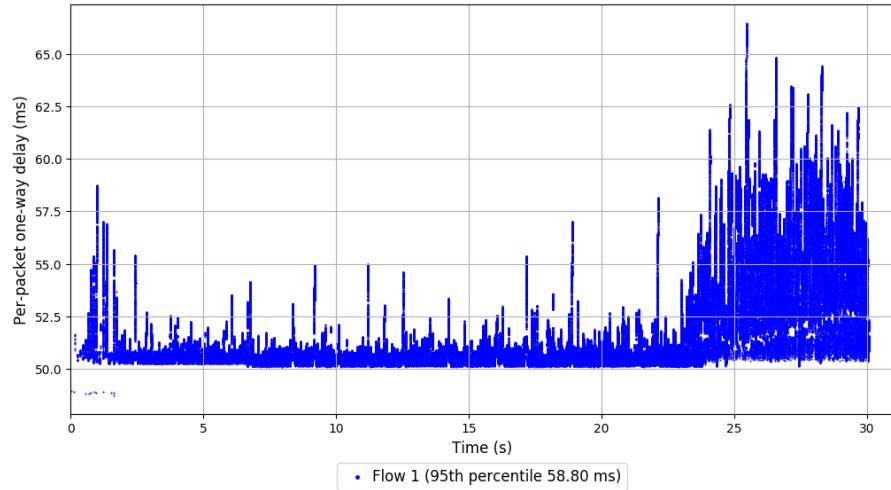
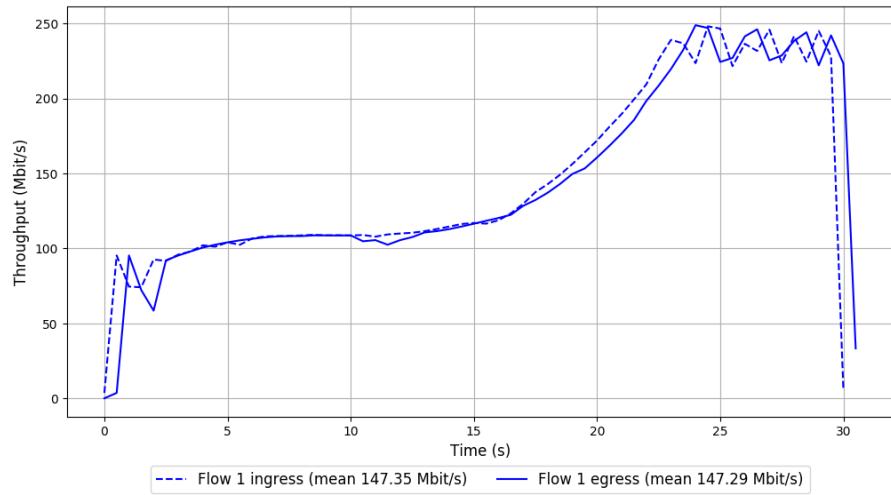


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-08-03 04:55:21
End at: 2018-08-03 04:55:51
Local clock offset: 0.066 ms
Remote clock offset: -0.065 ms

# Below is generated by plot.py at 2018-08-03 08:51:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 147.29 Mbit/s
95th percentile per-packet one-way delay: 58.798 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 147.29 Mbit/s
95th percentile per-packet one-way delay: 58.798 ms
Loss rate: 0.04%
```

Run 1: Report of TCP Cubic — Data Link

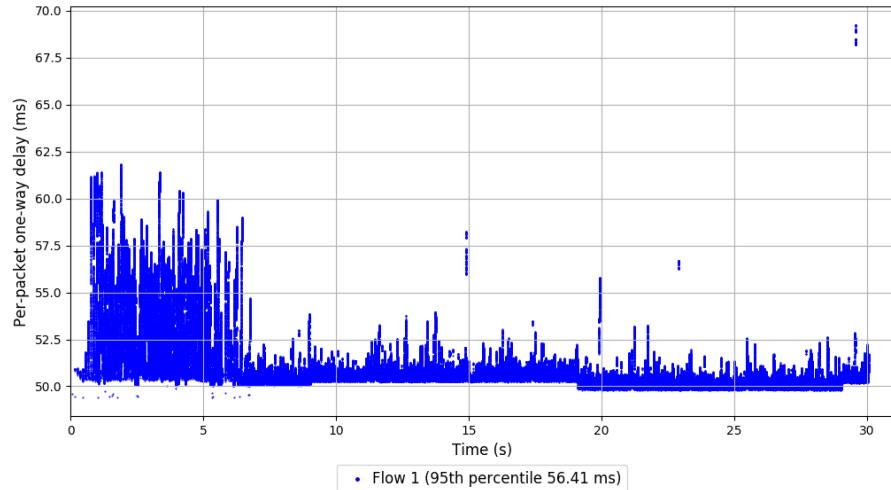
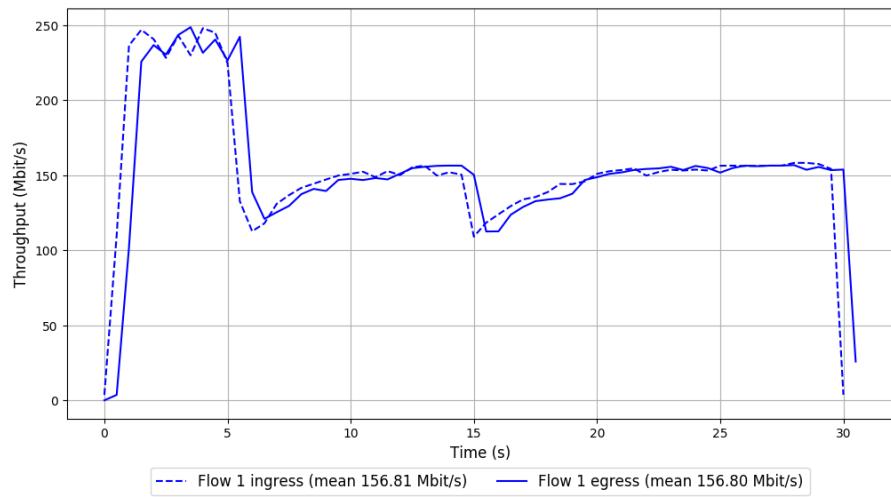


Run 2: Statistics of TCP Cubic

```
Start at: 2018-08-03 05:17:39
End at: 2018-08-03 05:18:09
Local clock offset: 0.319 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2018-08-03 08:51:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 156.80 Mbit/s
95th percentile per-packet one-way delay: 56.406 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 156.80 Mbit/s
95th percentile per-packet one-way delay: 56.406 ms
Loss rate: 0.01%
```

Run 2: Report of TCP Cubic — Data Link

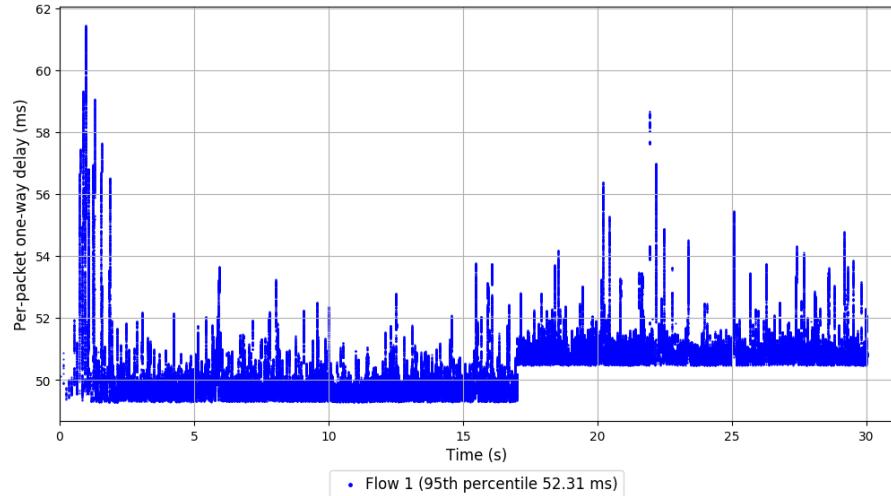
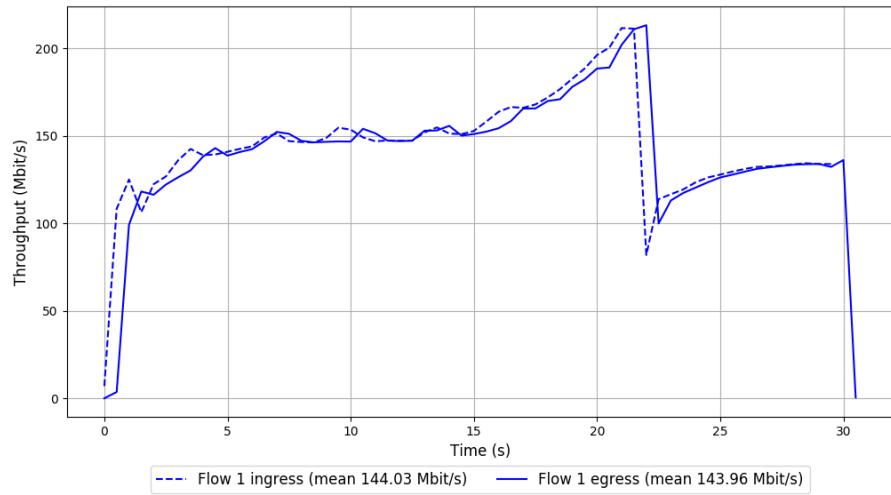


Run 3: Statistics of TCP Cubic

```
Start at: 2018-08-03 05:40:11
End at: 2018-08-03 05:40:41
Local clock offset: -0.397 ms
Remote clock offset: -0.077 ms

# Below is generated by plot.py at 2018-08-03 08:51:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 143.96 Mbit/s
95th percentile per-packet one-way delay: 52.313 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 143.96 Mbit/s
95th percentile per-packet one-way delay: 52.313 ms
Loss rate: 0.05%
```

Run 3: Report of TCP Cubic — Data Link

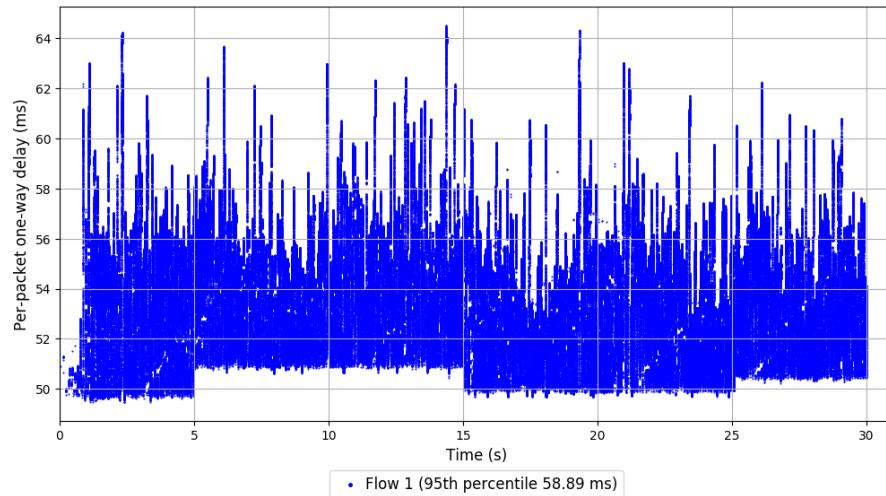
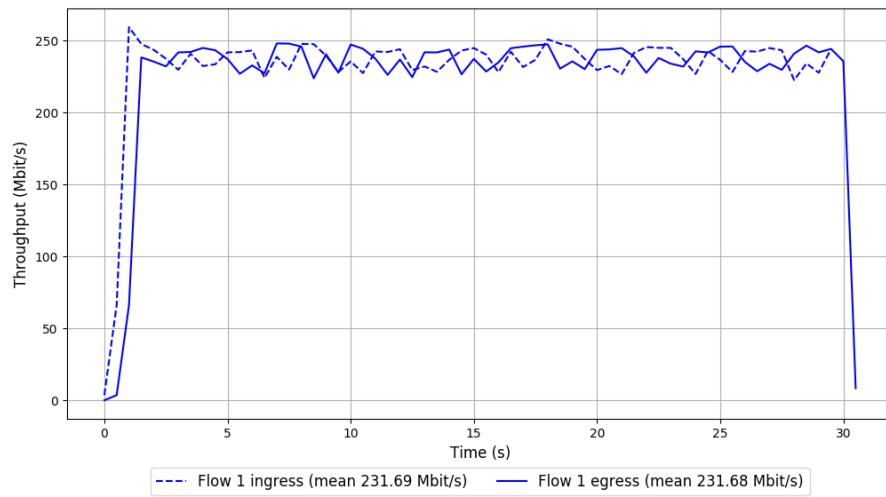


Run 4: Statistics of TCP Cubic

```
Start at: 2018-08-03 06:02:43
End at: 2018-08-03 06:03:13
Local clock offset: 0.141 ms
Remote clock offset: -0.021 ms

# Below is generated by plot.py at 2018-08-03 08:52:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 231.68 Mbit/s
95th percentile per-packet one-way delay: 58.888 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 231.68 Mbit/s
95th percentile per-packet one-way delay: 58.888 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Cubic — Data Link

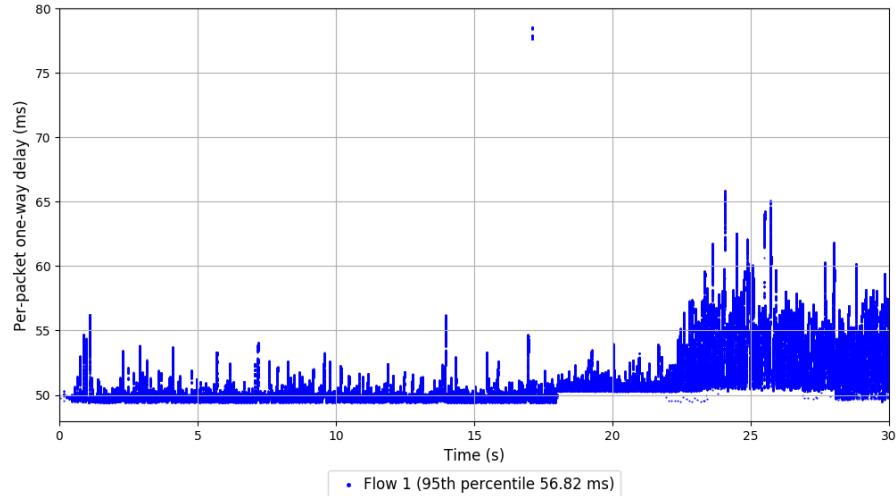
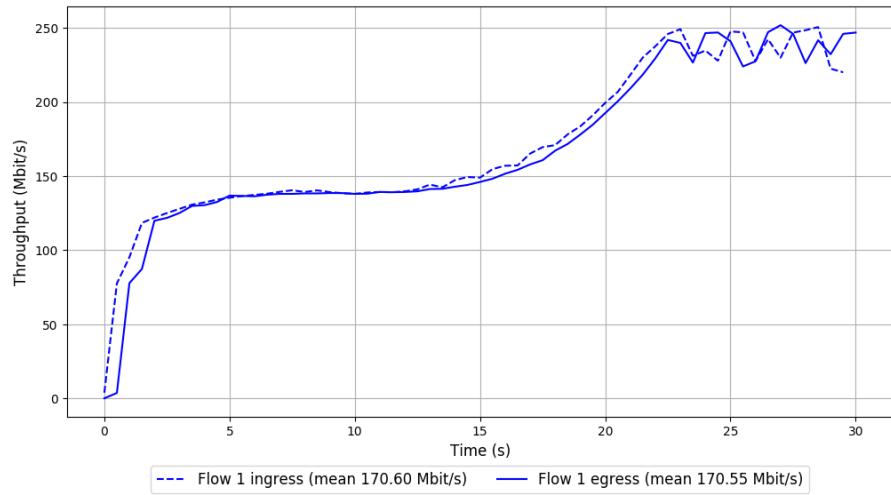


Run 5: Statistics of TCP Cubic

```
Start at: 2018-08-03 06:25:10
End at: 2018-08-03 06:25:40
Local clock offset: 0.137 ms
Remote clock offset: 0.038 ms

# Below is generated by plot.py at 2018-08-03 08:52:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 170.55 Mbit/s
95th percentile per-packet one-way delay: 56.821 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 170.55 Mbit/s
95th percentile per-packet one-way delay: 56.821 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Cubic — Data Link

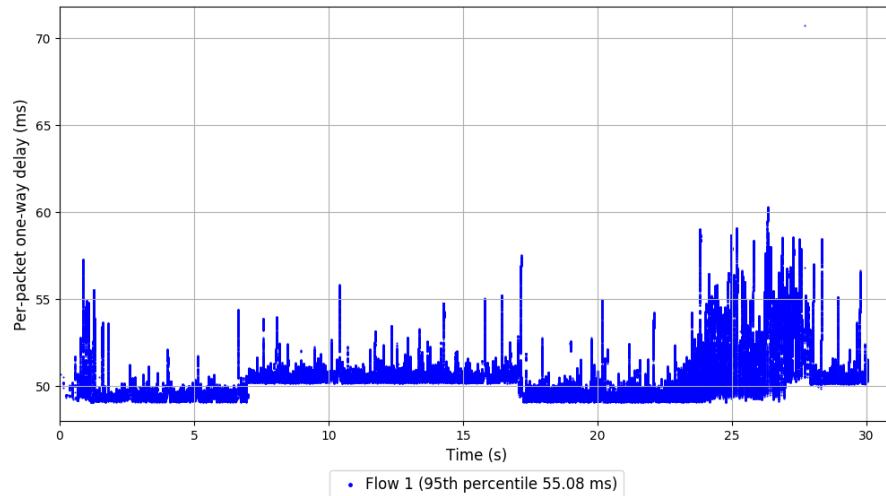
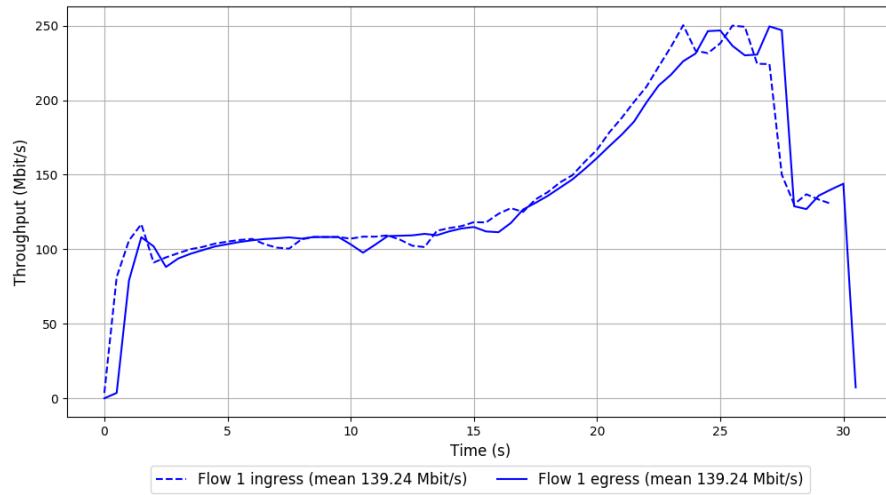


Run 6: Statistics of TCP Cubic

```
Start at: 2018-08-03 06:47:31
End at: 2018-08-03 06:48:01
Local clock offset: 0.414 ms
Remote clock offset: 0.118 ms

# Below is generated by plot.py at 2018-08-03 08:52:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 139.24 Mbit/s
95th percentile per-packet one-way delay: 55.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 139.24 Mbit/s
95th percentile per-packet one-way delay: 55.083 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Cubic — Data Link

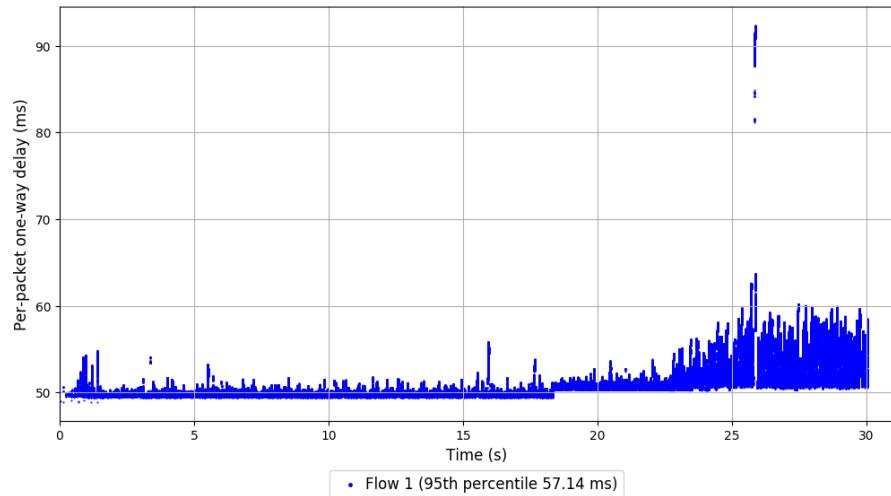
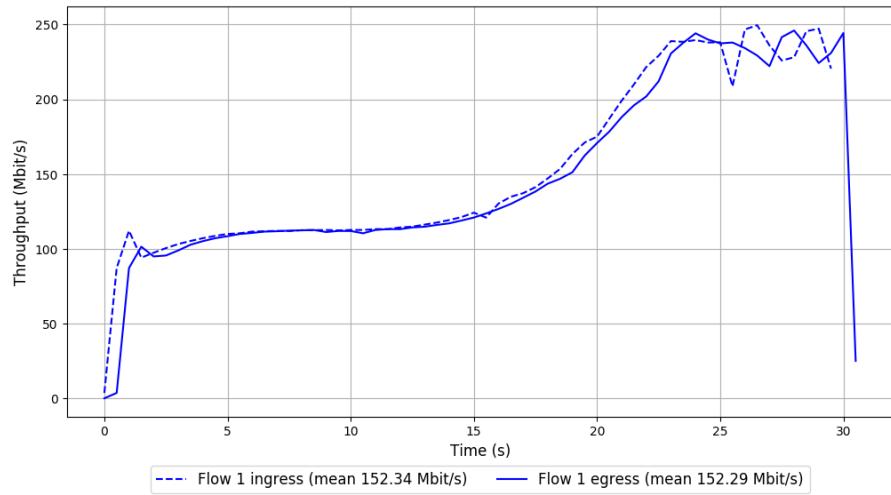


Run 7: Statistics of TCP Cubic

```
Start at: 2018-08-03 07:09:40
End at: 2018-08-03 07:10:10
Local clock offset: 0.195 ms
Remote clock offset: -0.095 ms

# Below is generated by plot.py at 2018-08-03 08:52:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 152.29 Mbit/s
95th percentile per-packet one-way delay: 57.139 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 152.29 Mbit/s
95th percentile per-packet one-way delay: 57.139 ms
Loss rate: 0.00%
```

Run 7: Report of TCP Cubic — Data Link

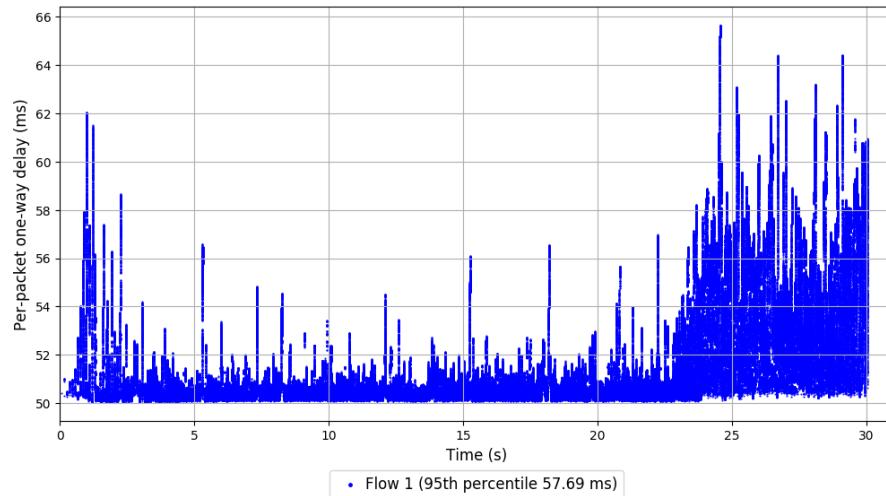
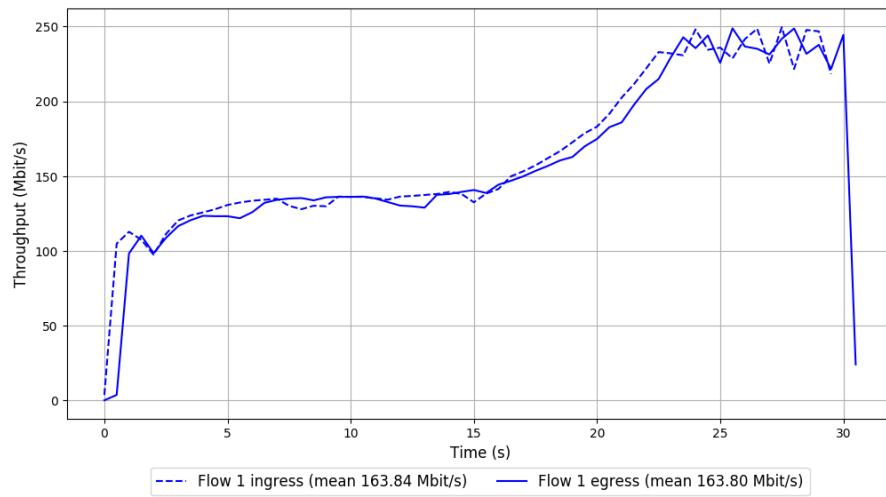


Run 8: Statistics of TCP Cubic

```
Start at: 2018-08-03 07:31:44
End at: 2018-08-03 07:32:14
Local clock offset: 0.105 ms
Remote clock offset: -0.106 ms

# Below is generated by plot.py at 2018-08-03 08:52:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 163.80 Mbit/s
95th percentile per-packet one-way delay: 57.687 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 163.80 Mbit/s
95th percentile per-packet one-way delay: 57.687 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Cubic — Data Link

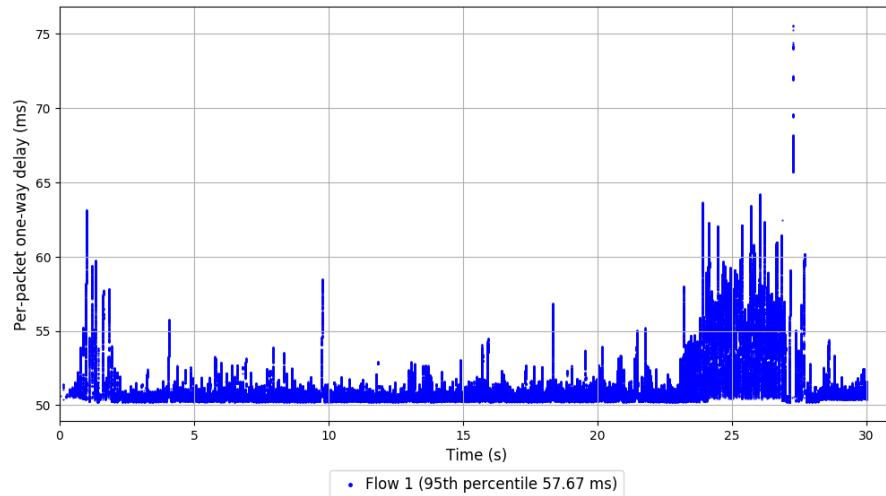
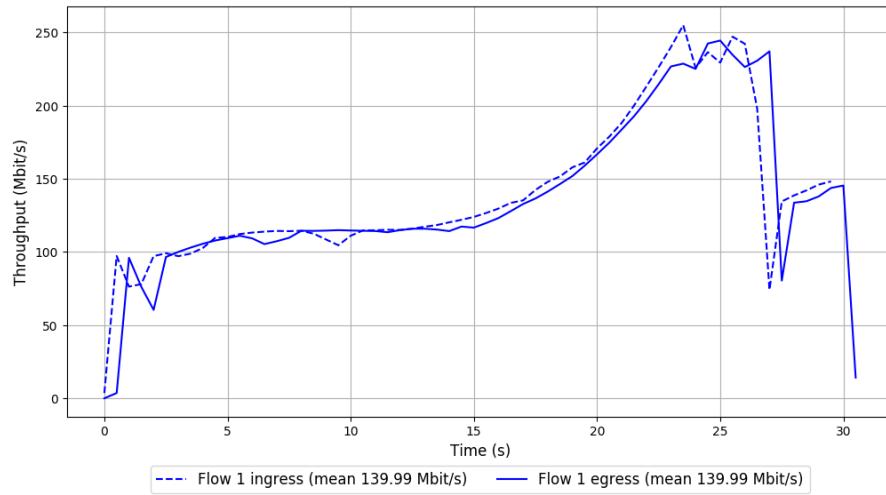


Run 9: Statistics of TCP Cubic

```
Start at: 2018-08-03 07:54:00
End at: 2018-08-03 07:54:30
Local clock offset: -0.015 ms
Remote clock offset: -0.008 ms

# Below is generated by plot.py at 2018-08-03 08:52:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 139.99 Mbit/s
95th percentile per-packet one-way delay: 57.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 139.99 Mbit/s
95th percentile per-packet one-way delay: 57.666 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Cubic — Data Link

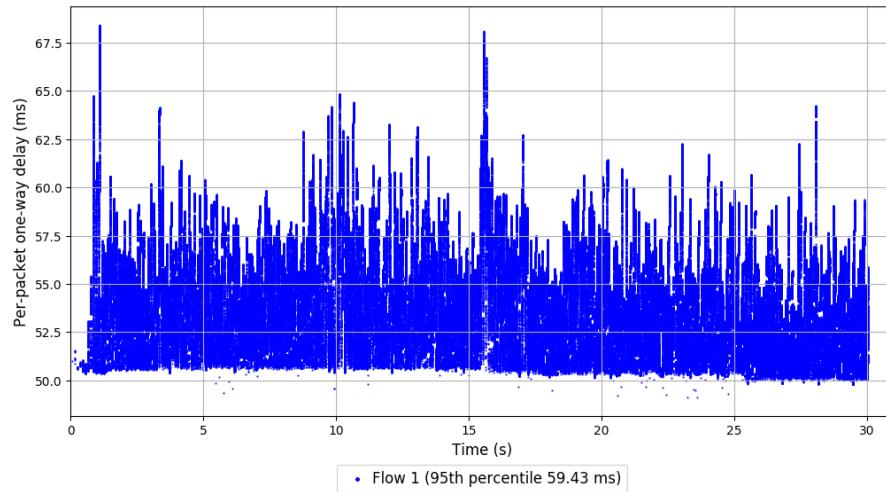
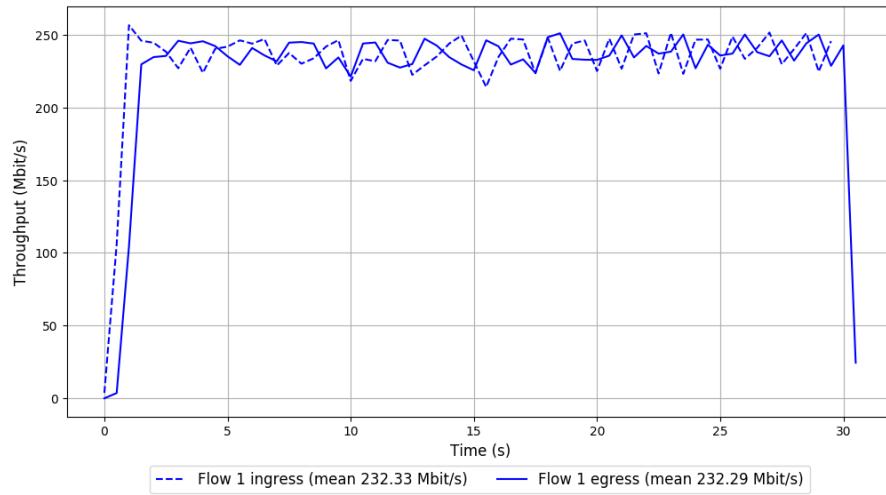


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-08-03 08:16:13
End at: 2018-08-03 08:16:43
Local clock offset: 0.066 ms
Remote clock offset: 0.008 ms

# Below is generated by plot.py at 2018-08-03 08:53:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 232.29 Mbit/s
95th percentile per-packet one-way delay: 59.429 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 232.29 Mbit/s
95th percentile per-packet one-way delay: 59.429 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Cubic — Data Link

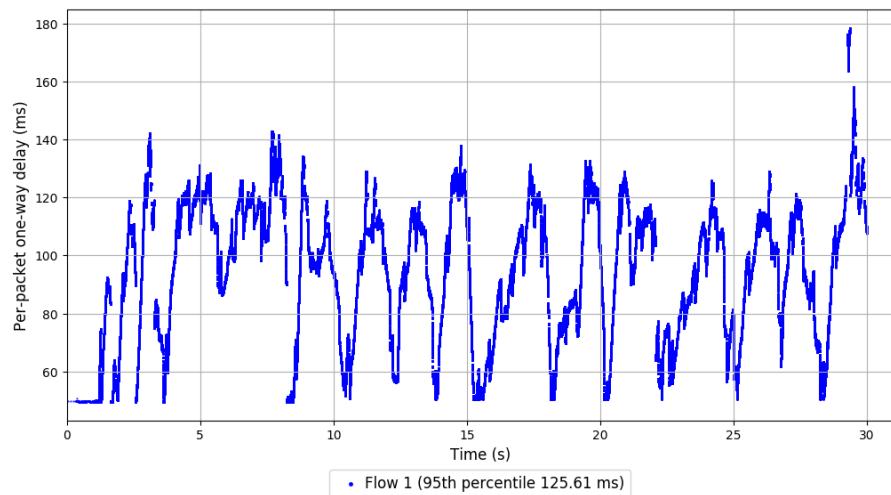
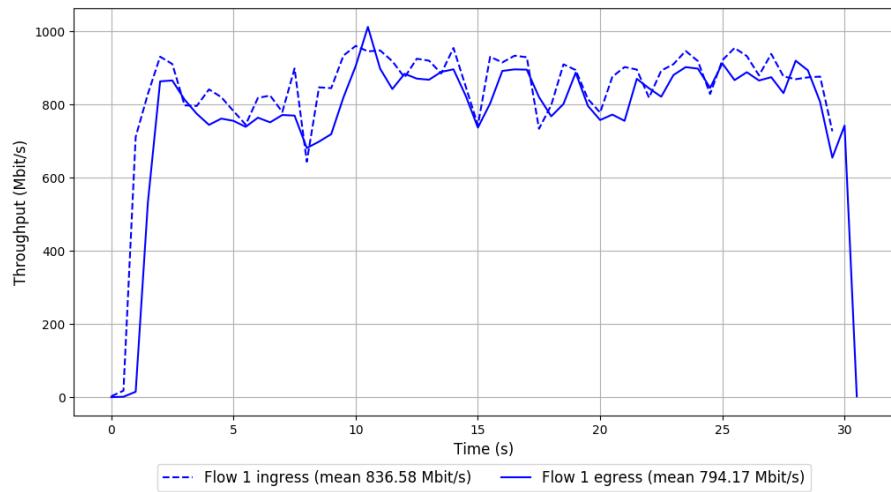


```
Run 1: Statistics of FillP

Start at: 2018-08-03 04:48:18
End at: 2018-08-03 04:48:48
Local clock offset: 0.139 ms
Remote clock offset: -0.009 ms

# Below is generated by plot.py at 2018-08-03 09:08:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 794.17 Mbit/s
95th percentile per-packet one-way delay: 125.606 ms
Loss rate: 5.07%
-- Flow 1:
Average throughput: 794.17 Mbit/s
95th percentile per-packet one-way delay: 125.606 ms
Loss rate: 5.07%
```

Run 1: Report of FillP — Data Link

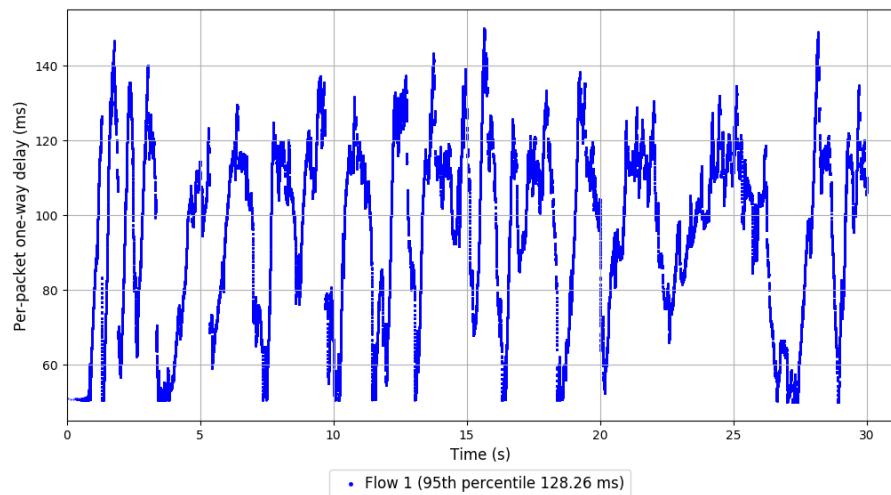
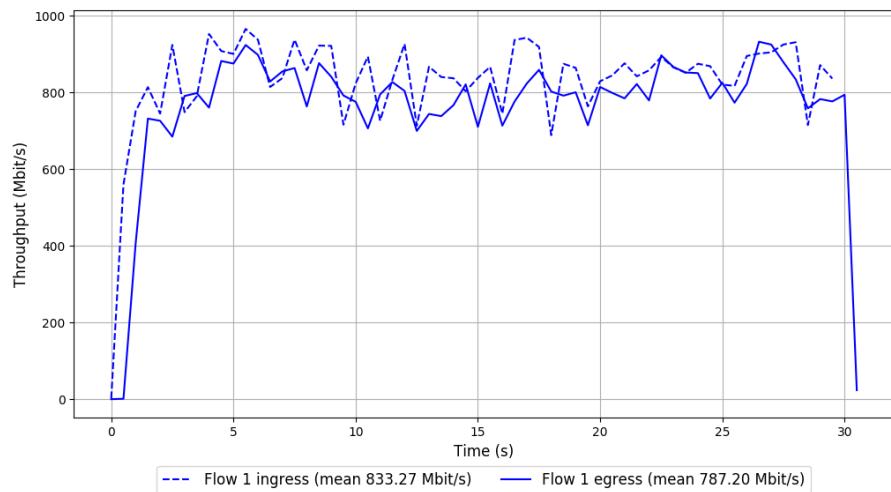


Run 2: Statistics of FillP

```
Start at: 2018-08-03 05:10:38
End at: 2018-08-03 05:11:08
Local clock offset: -0.316 ms
Remote clock offset: -0.019 ms

# Below is generated by plot.py at 2018-08-03 09:08:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 787.20 Mbit/s
95th percentile per-packet one-way delay: 128.263 ms
Loss rate: 5.53%
-- Flow 1:
Average throughput: 787.20 Mbit/s
95th percentile per-packet one-way delay: 128.263 ms
Loss rate: 5.53%
```

Run 2: Report of FillP — Data Link

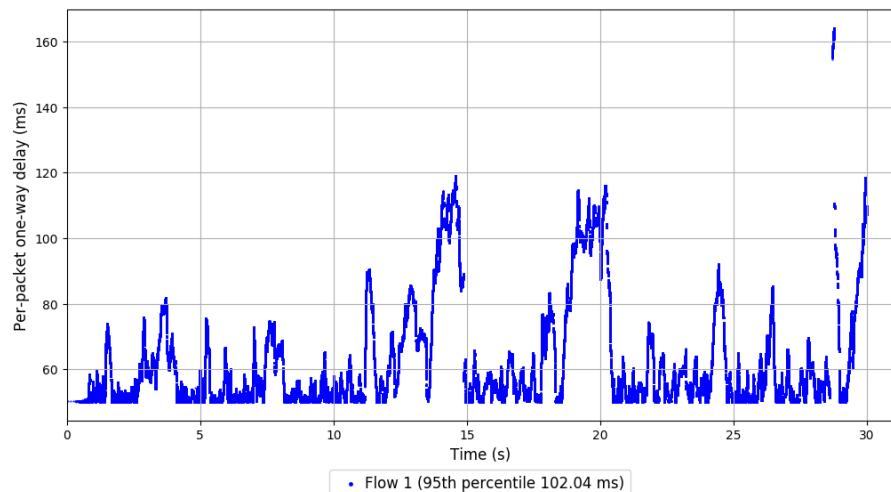
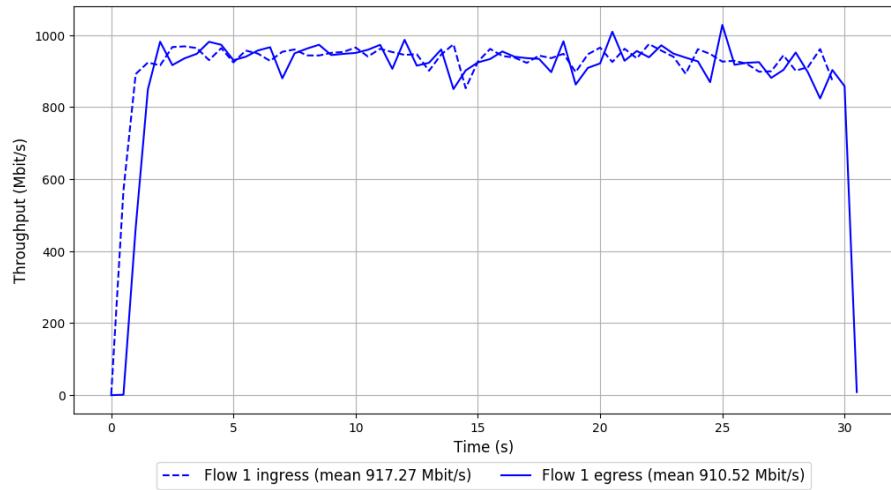


Run 3: Statistics of FillP

```
Start at: 2018-08-03 05:33:02
End at: 2018-08-03 05:33:32
Local clock offset: -0.428 ms
Remote clock offset: -0.065 ms

# Below is generated by plot.py at 2018-08-03 09:10:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 910.52 Mbit/s
95th percentile per-packet one-way delay: 102.039 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 910.52 Mbit/s
95th percentile per-packet one-way delay: 102.039 ms
Loss rate: 0.73%
```

Run 3: Report of FillP — Data Link

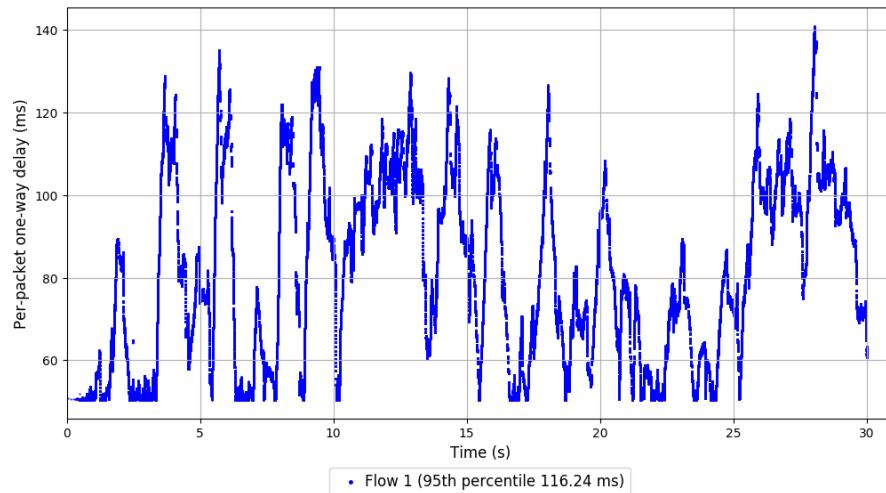
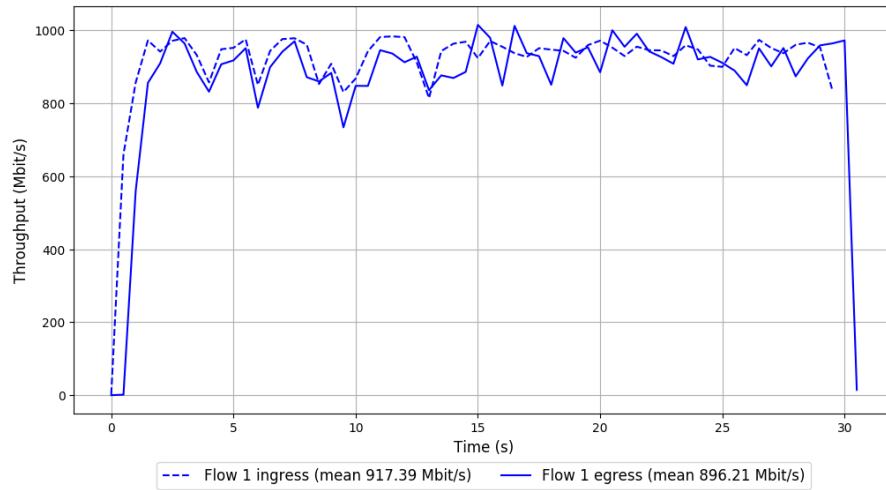


```
Run 4: Statistics of FillP
```

```
Start at: 2018-08-03 05:55:36
End at: 2018-08-03 05:56:06
Local clock offset: 0.156 ms
Remote clock offset: -0.043 ms

# Below is generated by plot.py at 2018-08-03 09:10:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 896.21 Mbit/s
95th percentile per-packet one-way delay: 116.244 ms
Loss rate: 2.31%
-- Flow 1:
Average throughput: 896.21 Mbit/s
95th percentile per-packet one-way delay: 116.244 ms
Loss rate: 2.31%
```

Run 4: Report of FillP — Data Link

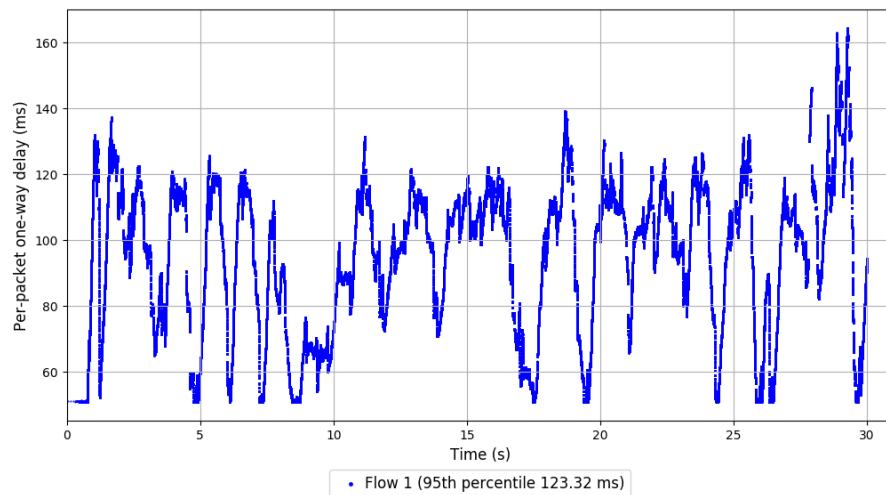
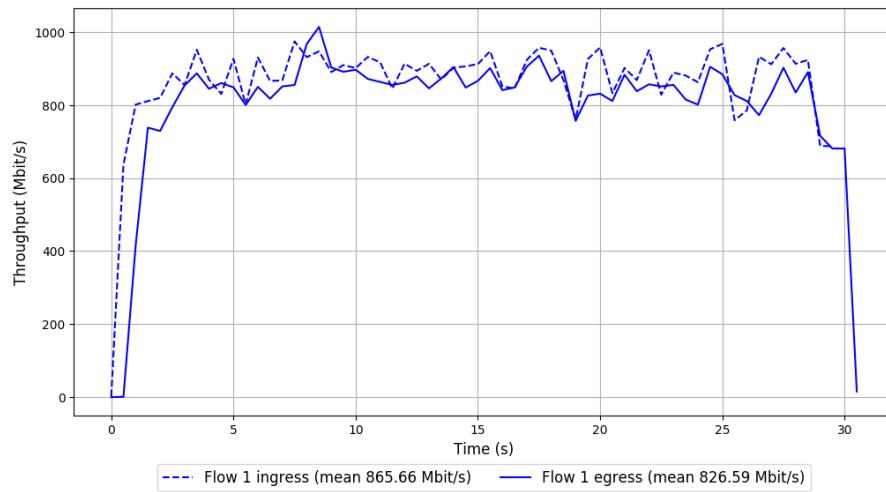


```
Run 5: Statistics of FillP
```

```
Start at: 2018-08-03 06:18:04
End at: 2018-08-03 06:18:34
Local clock offset: -0.193 ms
Remote clock offset: 0.034 ms

# Below is generated by plot.py at 2018-08-03 09:10:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 826.59 Mbit/s
95th percentile per-packet one-way delay: 123.319 ms
Loss rate: 4.51%
-- Flow 1:
Average throughput: 826.59 Mbit/s
95th percentile per-packet one-way delay: 123.319 ms
Loss rate: 4.51%
```

Run 5: Report of FillP — Data Link

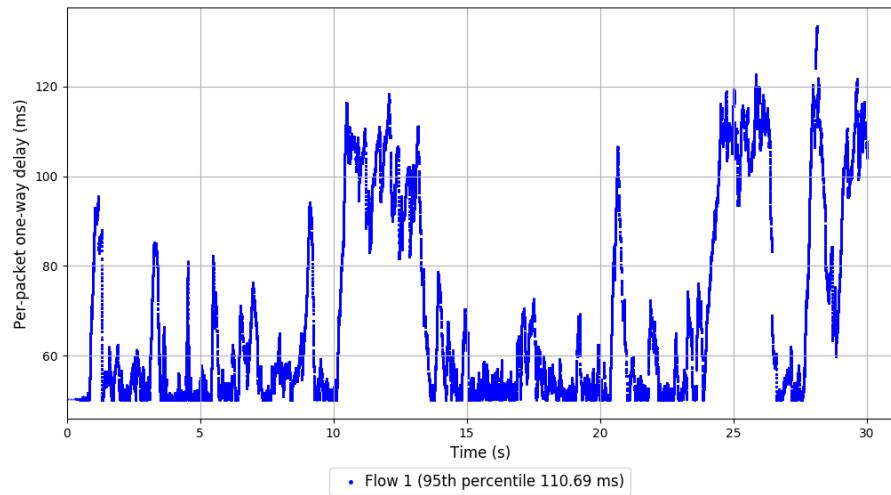
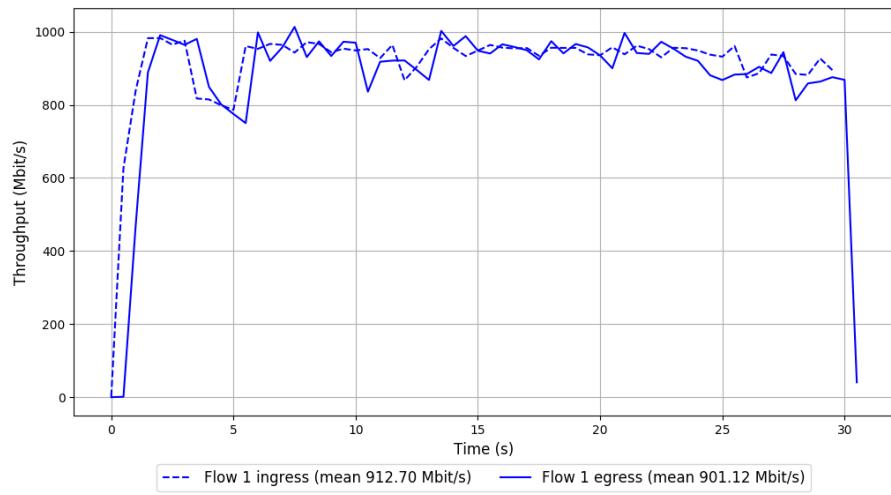


```
Run 6: Statistics of FillP
```

```
Start at: 2018-08-03 06:40:29
End at: 2018-08-03 06:40:59
Local clock offset: 0.472 ms
Remote clock offset: 0.108 ms

# Below is generated by plot.py at 2018-08-03 09:10:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 901.12 Mbit/s
95th percentile per-packet one-way delay: 110.691 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 901.12 Mbit/s
95th percentile per-packet one-way delay: 110.691 ms
Loss rate: 1.27%
```

Run 6: Report of FillP — Data Link

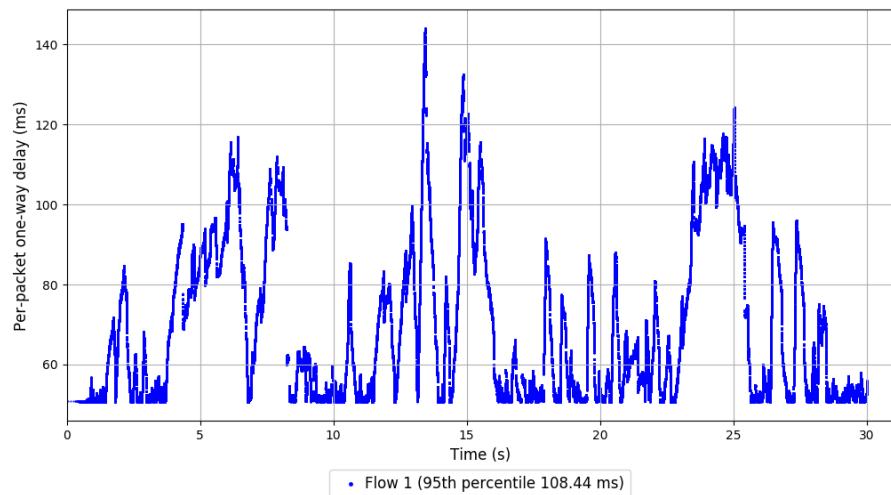
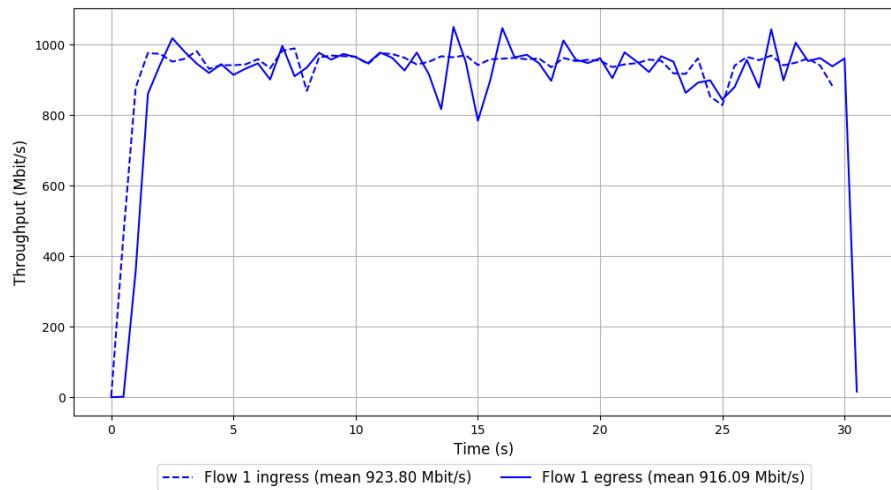


Run 7: Statistics of FillP

```
Start at: 2018-08-03 07:02:41
End at: 2018-08-03 07:03:11
Local clock offset: 0.127 ms
Remote clock offset: -0.068 ms

# Below is generated by plot.py at 2018-08-03 09:11:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 916.09 Mbit/s
95th percentile per-packet one-way delay: 108.440 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 916.09 Mbit/s
95th percentile per-packet one-way delay: 108.440 ms
Loss rate: 0.83%
```

Run 7: Report of FillP — Data Link

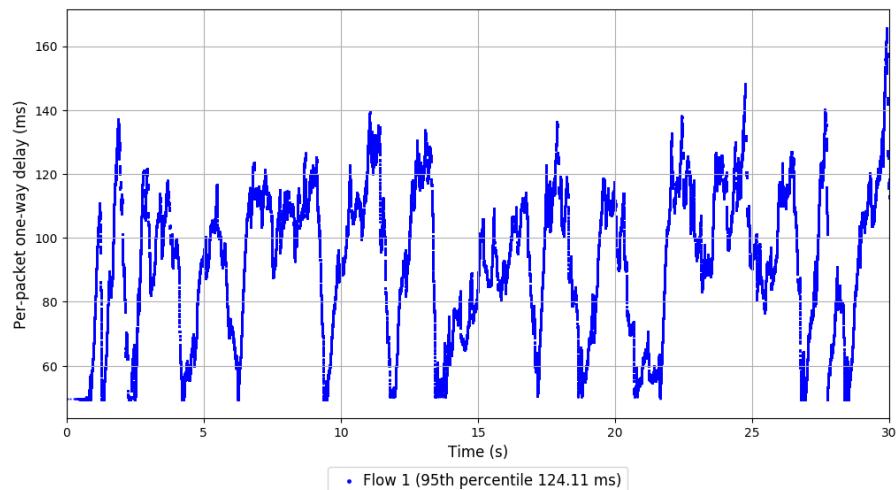
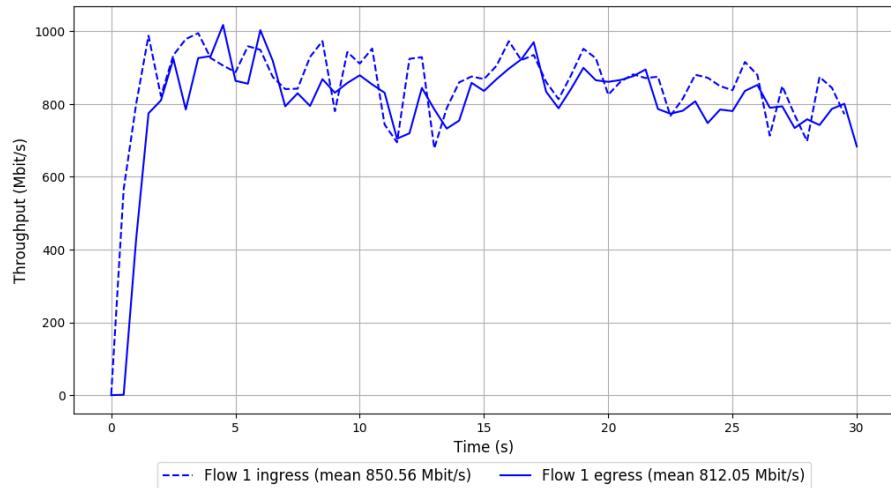


Run 8: Statistics of FillP

```
Start at: 2018-08-03 07:24:46
End at: 2018-08-03 07:25:16
Local clock offset: 0.221 ms
Remote clock offset: -0.142 ms

# Below is generated by plot.py at 2018-08-03 09:11:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 812.05 Mbit/s
95th percentile per-packet one-way delay: 124.107 ms
Loss rate: 4.52%
-- Flow 1:
Average throughput: 812.05 Mbit/s
95th percentile per-packet one-way delay: 124.107 ms
Loss rate: 4.52%
```

Run 8: Report of FillP — Data Link

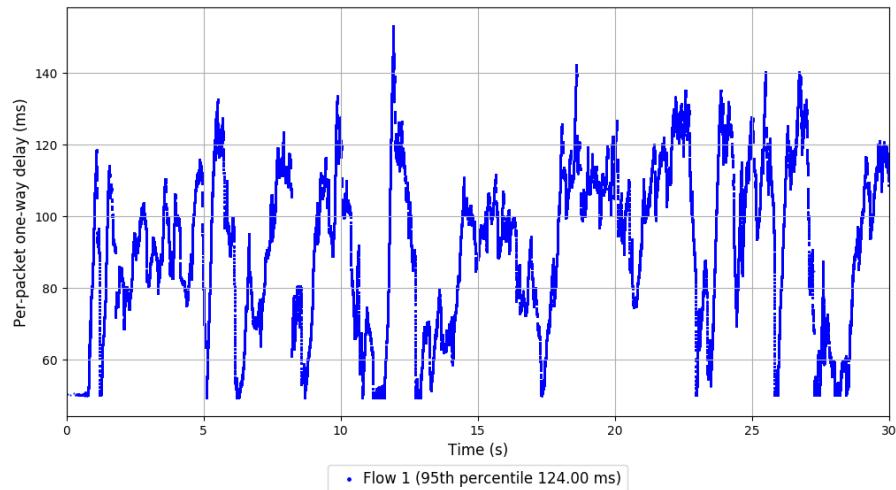
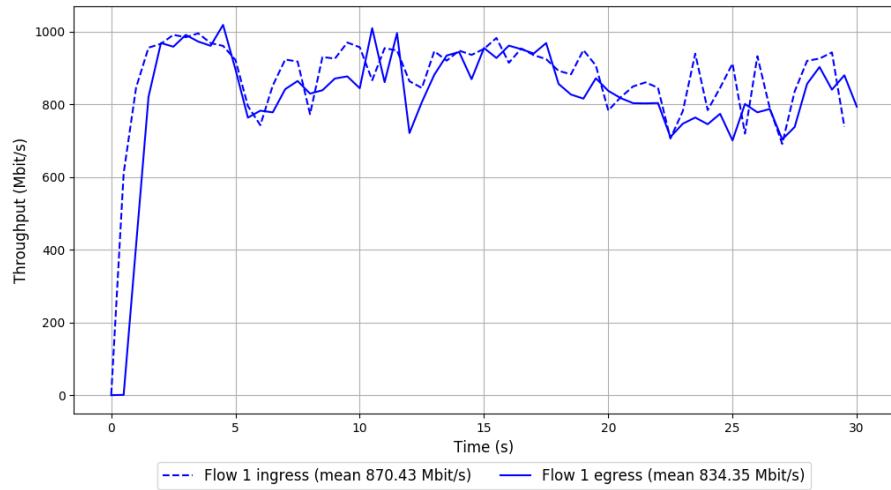


```
Run 9: Statistics of FillP
```

```
Start at: 2018-08-03 07:46:54
End at: 2018-08-03 07:47:24
Local clock offset: 0.031 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2018-08-03 09:26:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 834.35 Mbit/s
95th percentile per-packet one-way delay: 124.002 ms
Loss rate: 4.14%
-- Flow 1:
Average throughput: 834.35 Mbit/s
95th percentile per-packet one-way delay: 124.002 ms
Loss rate: 4.14%
```

Run 9: Report of FillP — Data Link

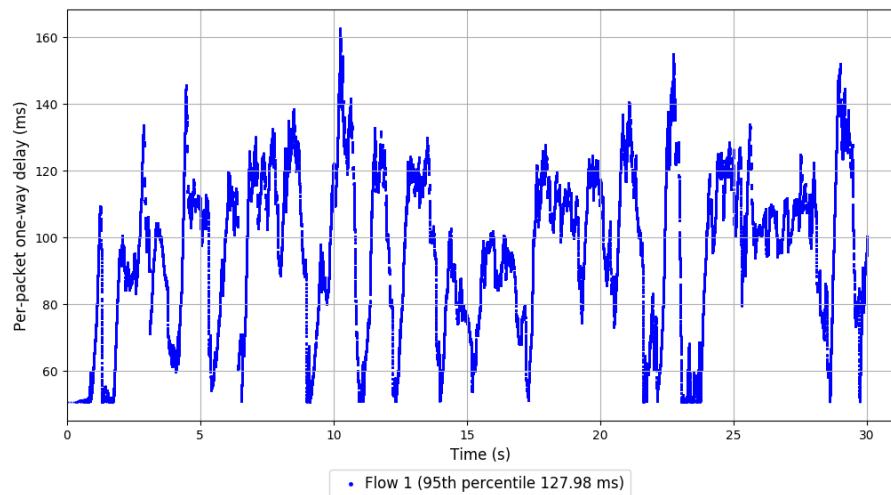
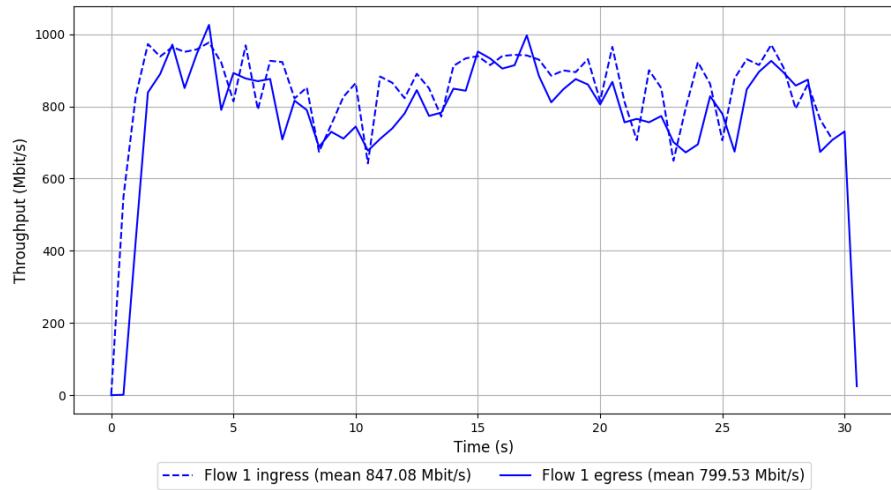


```
Run 10: Statistics of FillP
```

```
Start at: 2018-08-03 08:09:18
End at: 2018-08-03 08:09:48
Local clock offset: -0.307 ms
Remote clock offset: -0.018 ms

# Below is generated by plot.py at 2018-08-03 09:26:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 799.53 Mbit/s
95th percentile per-packet one-way delay: 127.977 ms
Loss rate: 5.61%
-- Flow 1:
Average throughput: 799.53 Mbit/s
95th percentile per-packet one-way delay: 127.977 ms
Loss rate: 5.61%
```

Run 10: Report of FillP — Data Link

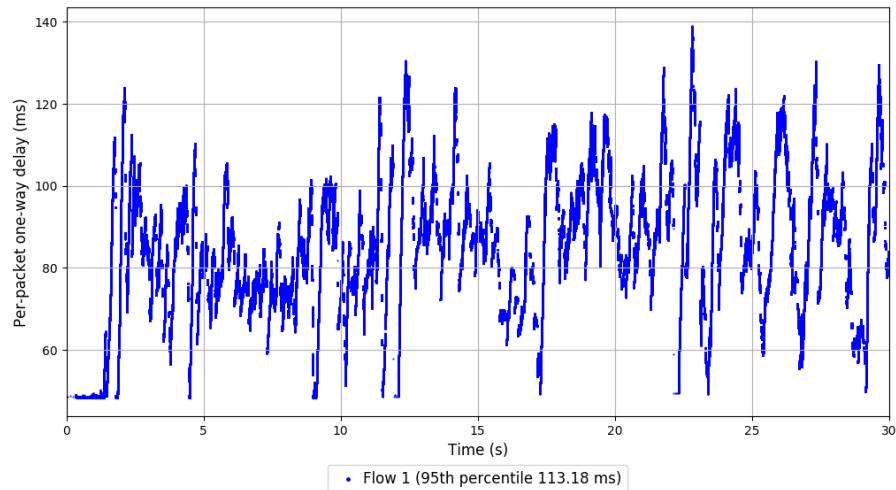
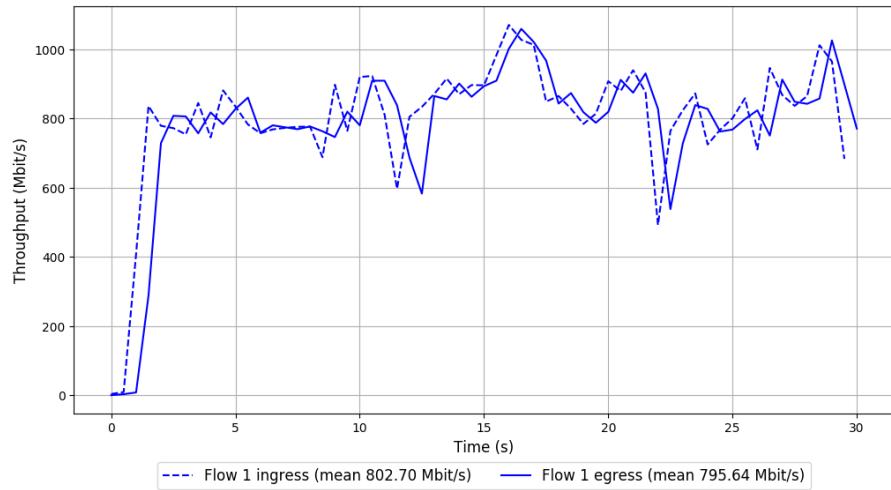


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2018-08-03 04:39:05
End at: 2018-08-03 04:39:35
Local clock offset: 0.564 ms
Remote clock offset: 0.07 ms

# Below is generated by plot.py at 2018-08-03 09:26:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 795.64 Mbit/s
95th percentile per-packet one-way delay: 113.179 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 795.64 Mbit/s
95th percentile per-packet one-way delay: 113.179 ms
Loss rate: 0.87%
```

Run 1: Report of FillP-Sheep — Data Link

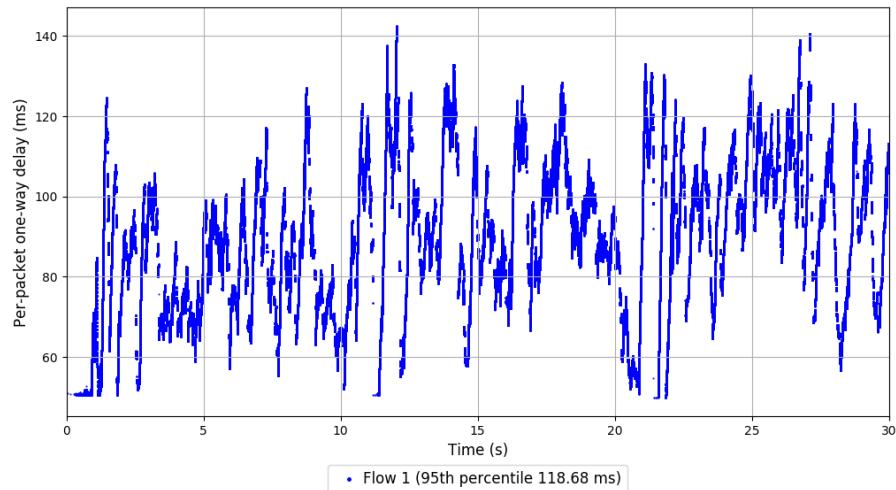
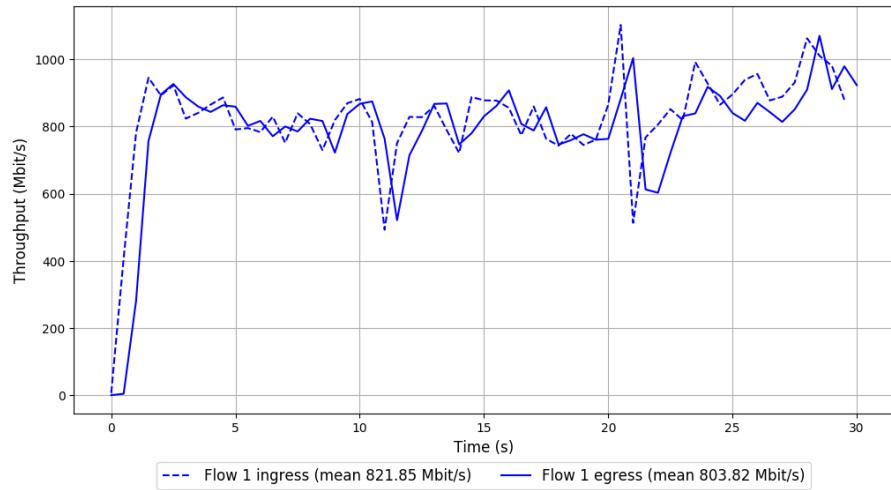


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-08-03 05:01:27
End at: 2018-08-03 05:01:57
Local clock offset: 0.1 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2018-08-03 09:27:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 803.82 Mbit/s
95th percentile per-packet one-way delay: 118.678 ms
Loss rate: 2.19%
-- Flow 1:
Average throughput: 803.82 Mbit/s
95th percentile per-packet one-way delay: 118.678 ms
Loss rate: 2.19%
```

Run 2: Report of FillP-Sheep — Data Link

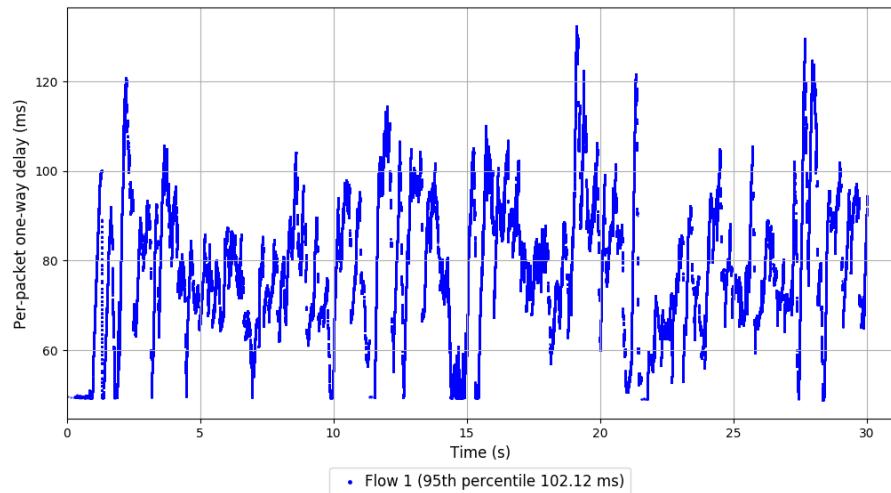
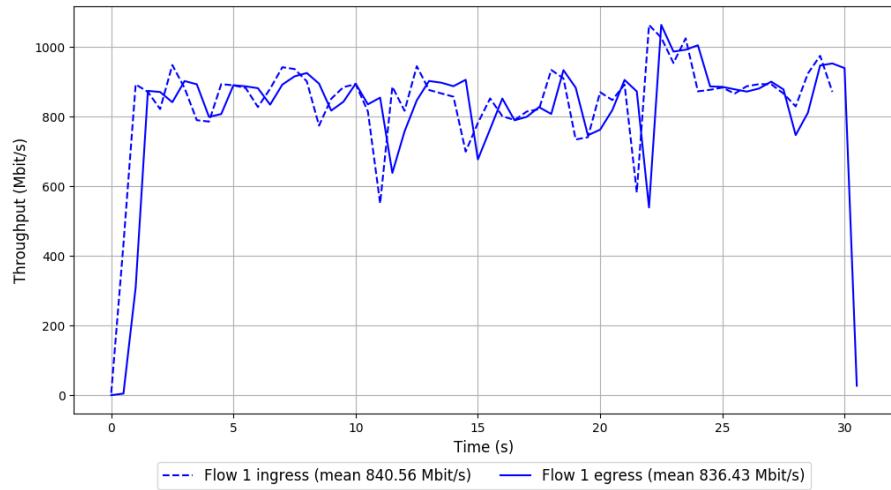


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-08-03 05:23:47
End at: 2018-08-03 05:24:17
Local clock offset: -0.073 ms
Remote clock offset: -0.077 ms

# Below is generated by plot.py at 2018-08-03 09:27:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 836.43 Mbit/s
95th percentile per-packet one-way delay: 102.117 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 836.43 Mbit/s
95th percentile per-packet one-way delay: 102.117 ms
Loss rate: 0.49%
```

Run 3: Report of FillP-Sheep — Data Link

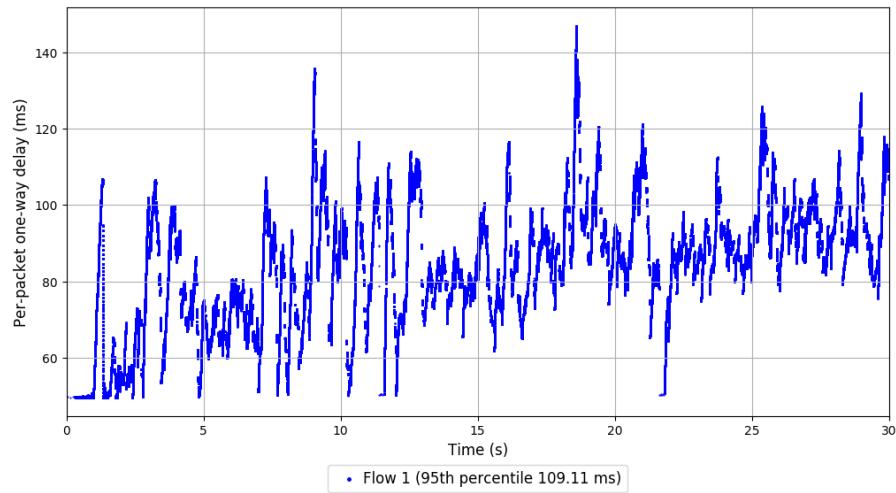
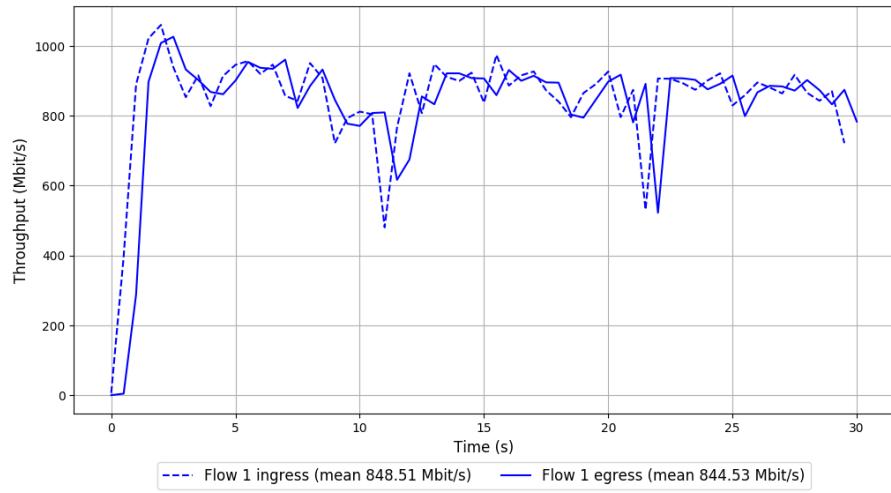


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-08-03 05:46:20
End at: 2018-08-03 05:46:50
Local clock offset: -0.023 ms
Remote clock offset: -0.068 ms

# Below is generated by plot.py at 2018-08-03 09:28:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 844.53 Mbit/s
95th percentile per-packet one-way delay: 109.111 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 844.53 Mbit/s
95th percentile per-packet one-way delay: 109.111 ms
Loss rate: 0.46%
```

Run 4: Report of FillP-Sheep — Data Link

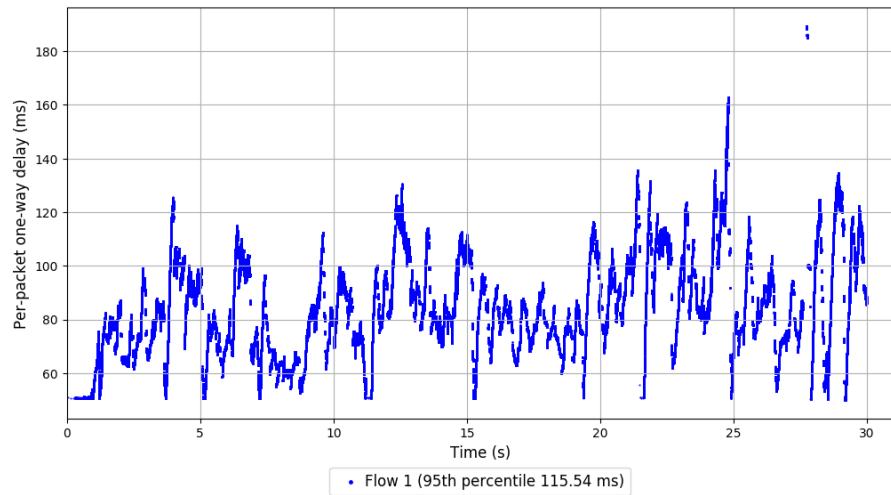
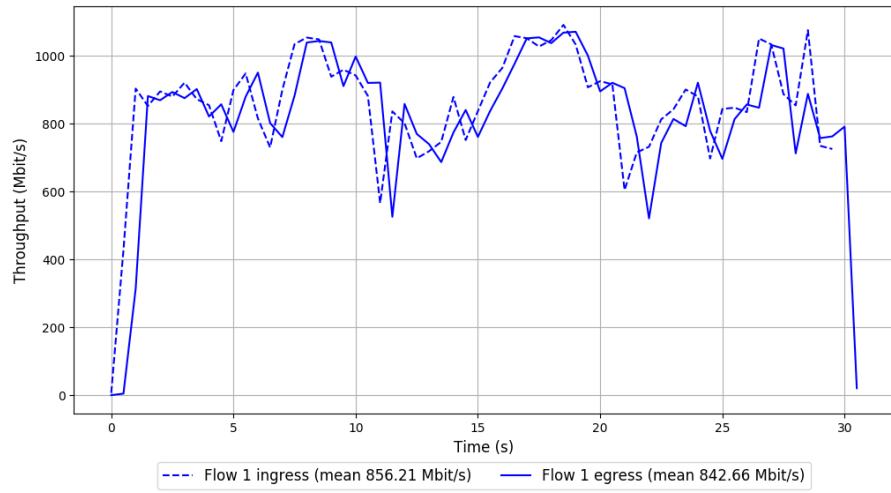


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-08-03 06:08:53
End at: 2018-08-03 06:09:23
Local clock offset: -0.19 ms
Remote clock offset: -0.043 ms

# Below is generated by plot.py at 2018-08-03 09:28:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 842.66 Mbit/s
95th percentile per-packet one-way delay: 115.541 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 842.66 Mbit/s
95th percentile per-packet one-way delay: 115.541 ms
Loss rate: 1.58%
```

Run 5: Report of FillP-Sheep — Data Link

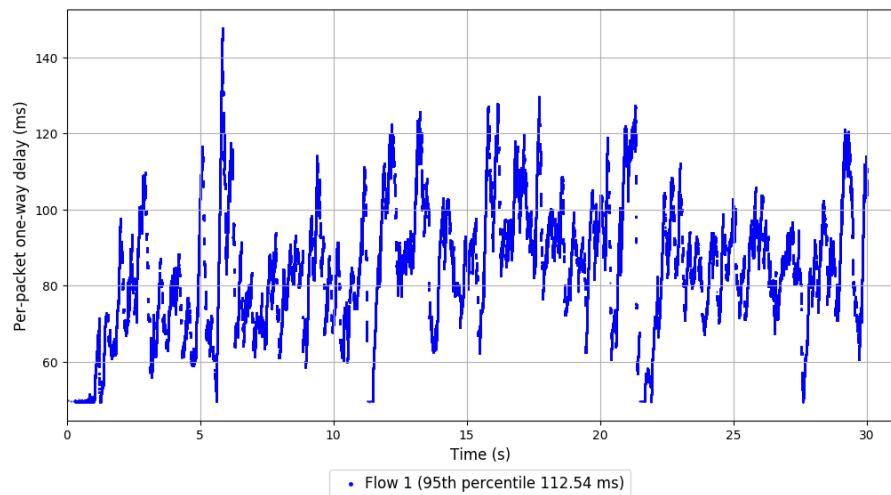
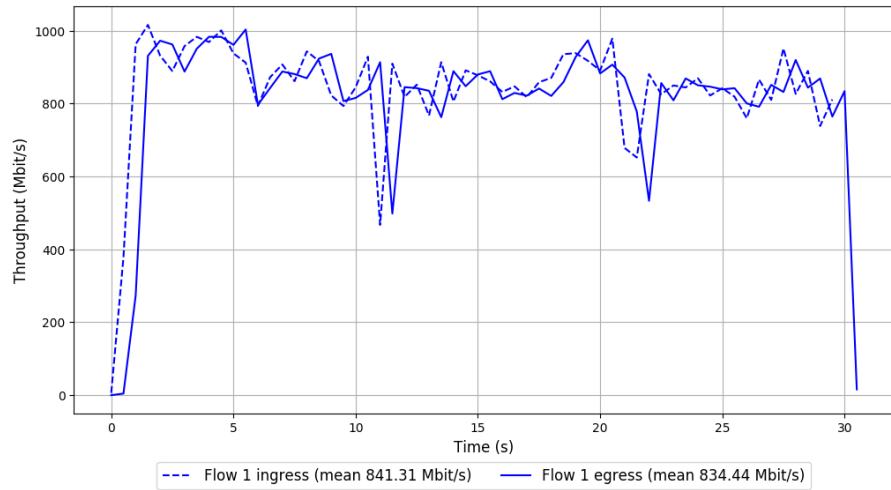


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-08-03 06:31:17
End at: 2018-08-03 06:31:47
Local clock offset: 0.094 ms
Remote clock offset: 0.047 ms

# Below is generated by plot.py at 2018-08-03 09:28:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 834.44 Mbit/s
95th percentile per-packet one-way delay: 112.544 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 834.44 Mbit/s
95th percentile per-packet one-way delay: 112.544 ms
Loss rate: 0.81%
```

Run 6: Report of FillP-Sheep — Data Link

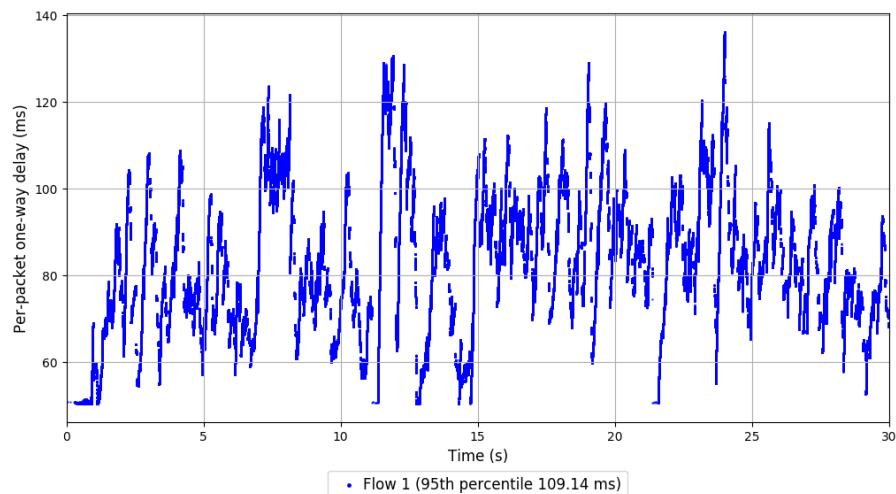
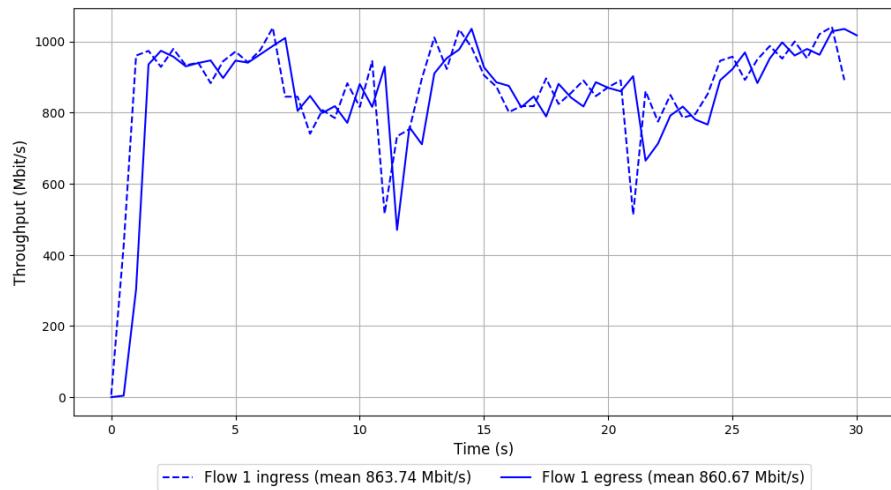


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-08-03 06:53:38
End at: 2018-08-03 06:54:08
Local clock offset: 0.109 ms
Remote clock offset: 0.073 ms

# Below is generated by plot.py at 2018-08-03 09:43:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 860.67 Mbit/s
95th percentile per-packet one-way delay: 109.135 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 860.67 Mbit/s
95th percentile per-packet one-way delay: 109.135 ms
Loss rate: 0.35%
```

Run 7: Report of FillP-Sheep — Data Link

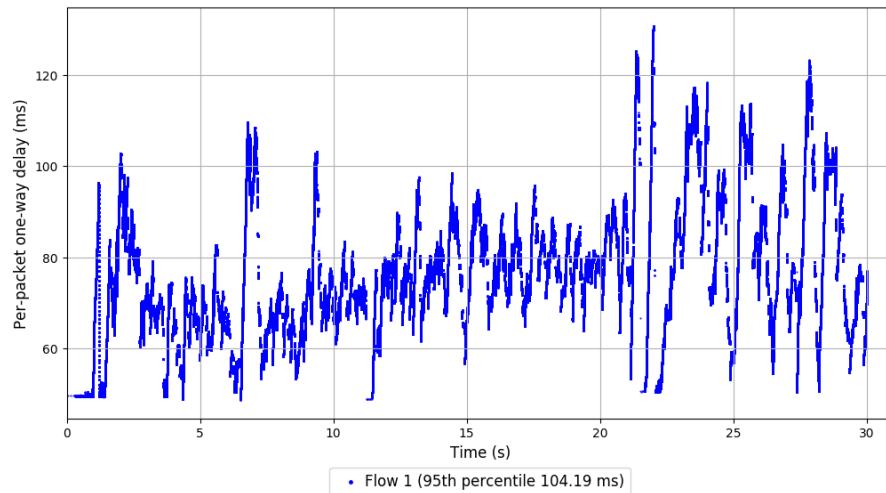
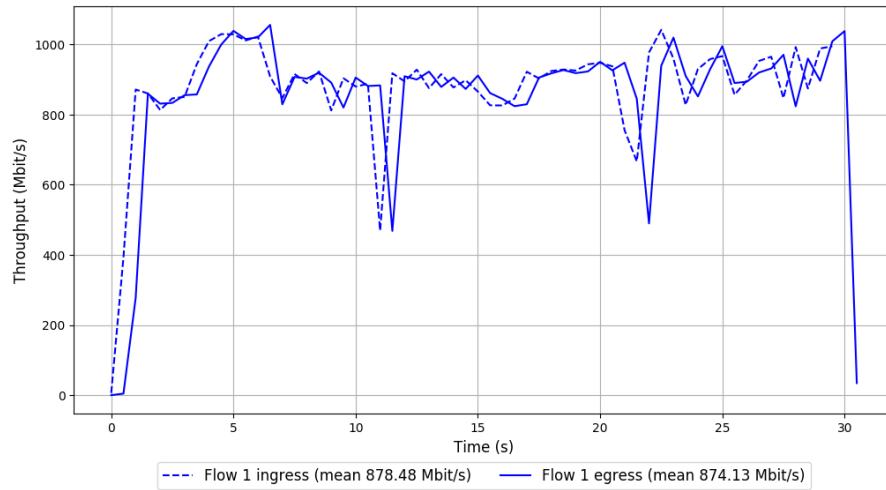


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-08-03 07:15:44
End at: 2018-08-03 07:16:14
Local clock offset: 0.169 ms
Remote clock offset: -0.127 ms

# Below is generated by plot.py at 2018-08-03 09:43:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 874.13 Mbit/s
95th percentile per-packet one-way delay: 104.190 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 874.13 Mbit/s
95th percentile per-packet one-way delay: 104.190 ms
Loss rate: 0.49%
```

Run 8: Report of FillP-Sheep — Data Link

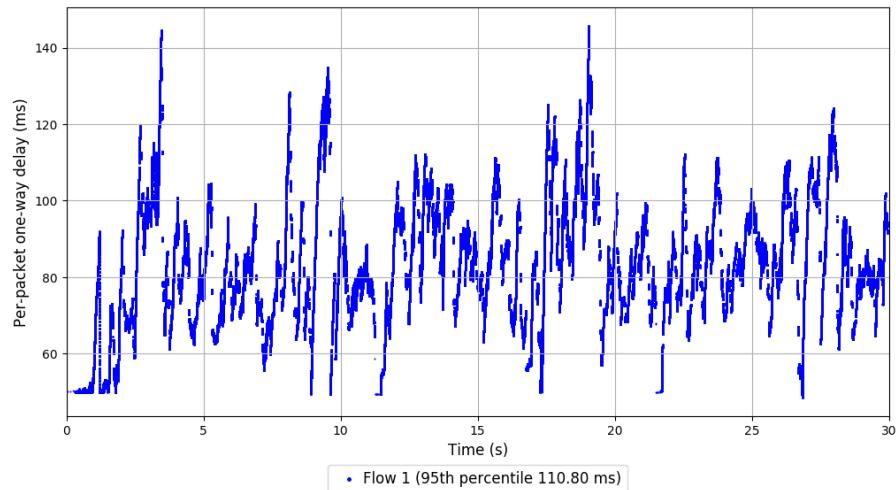
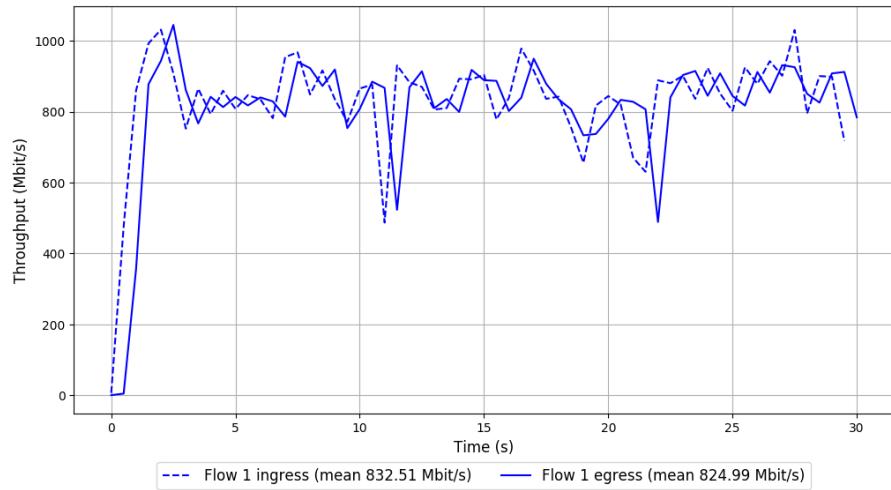


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-08-03 07:37:51
End at: 2018-08-03 07:38:21
Local clock offset: 0.402 ms
Remote clock offset: -0.149 ms

# Below is generated by plot.py at 2018-08-03 09:43:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 824.99 Mbit/s
95th percentile per-packet one-way delay: 110.797 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 824.99 Mbit/s
95th percentile per-packet one-way delay: 110.797 ms
Loss rate: 0.90%
```

Run 9: Report of FillP-Sheep — Data Link

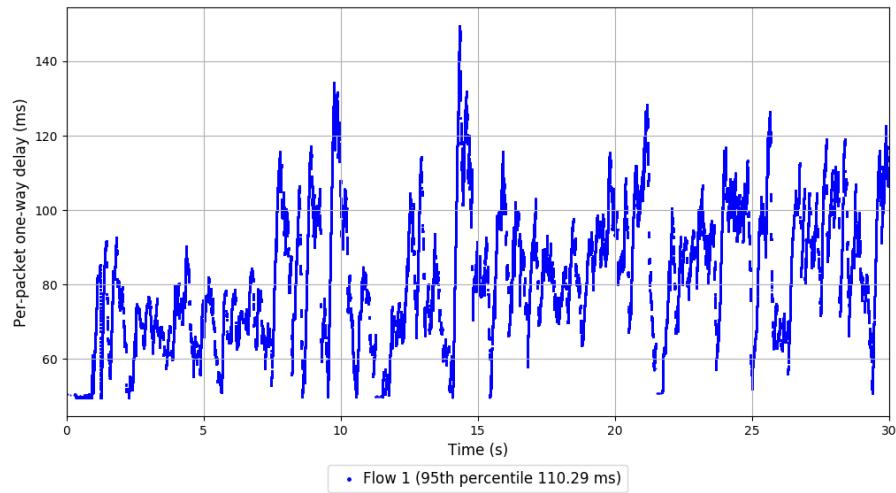
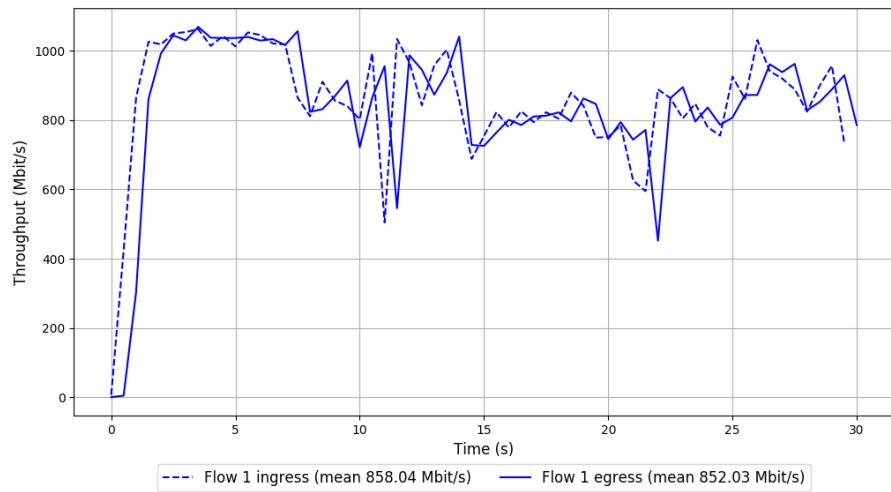


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-08-03 08:00:08
End at: 2018-08-03 08:00:38
Local clock offset: -0.006 ms
Remote clock offset: -0.021 ms

# Below is generated by plot.py at 2018-08-03 09:44:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 852.03 Mbit/s
95th percentile per-packet one-way delay: 110.287 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 852.03 Mbit/s
95th percentile per-packet one-way delay: 110.287 ms
Loss rate: 0.69%
```

Run 10: Report of FillP-Sheep — Data Link

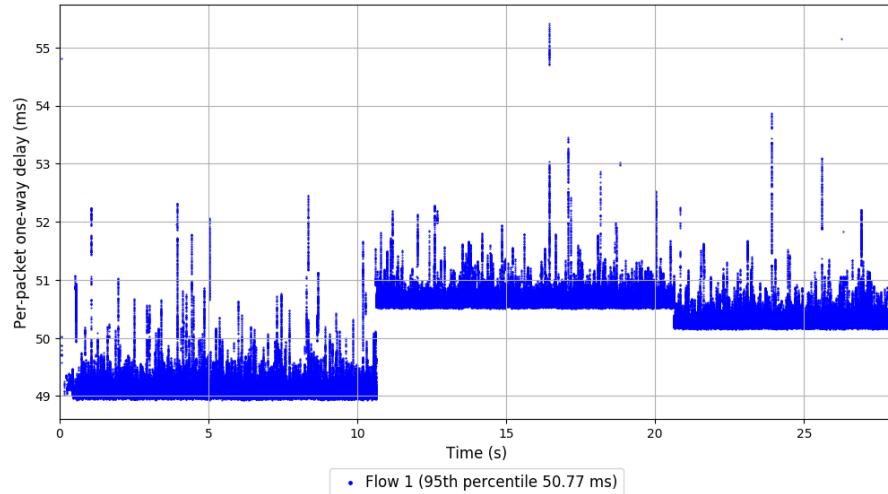
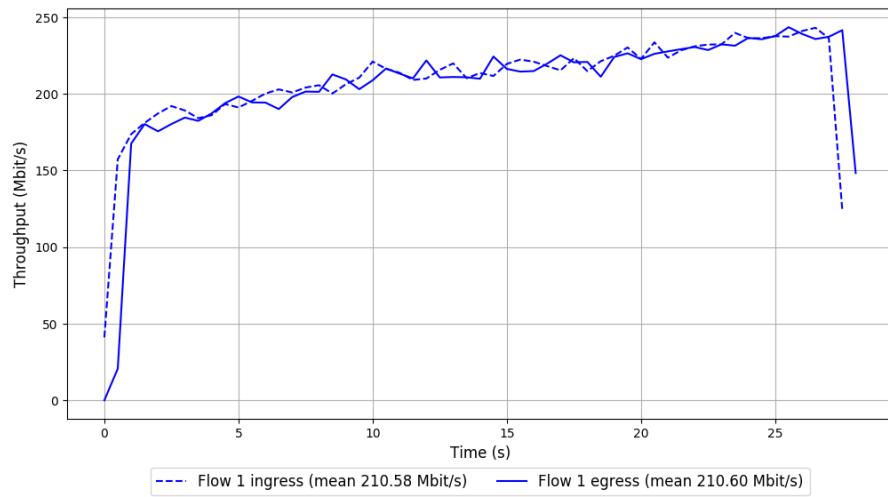


Run 1: Statistics of Indigo

```
Start at: 2018-08-03 04:49:55
End at: 2018-08-03 04:50:25
Local clock offset: 0.112 ms
Remote clock offset: -0.019 ms

# Below is generated by plot.py at 2018-08-03 09:44:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 210.60 Mbit/s
95th percentile per-packet one-way delay: 50.769 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 210.60 Mbit/s
95th percentile per-packet one-way delay: 50.769 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo — Data Link

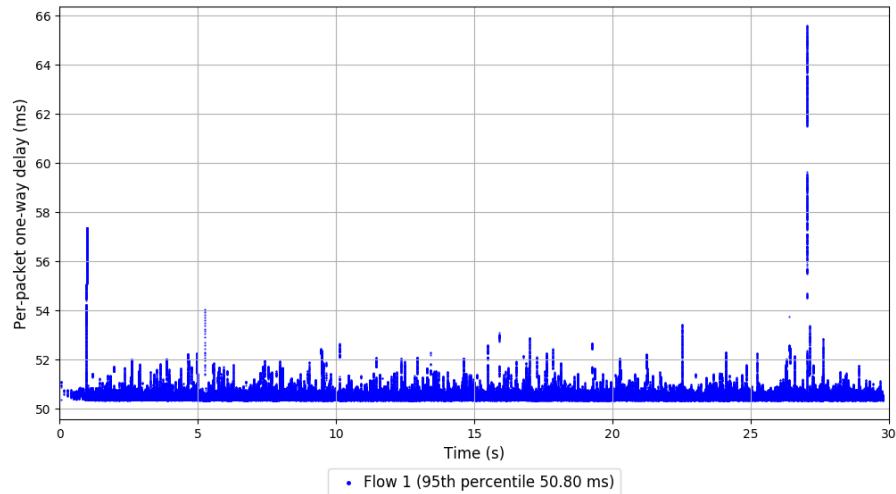
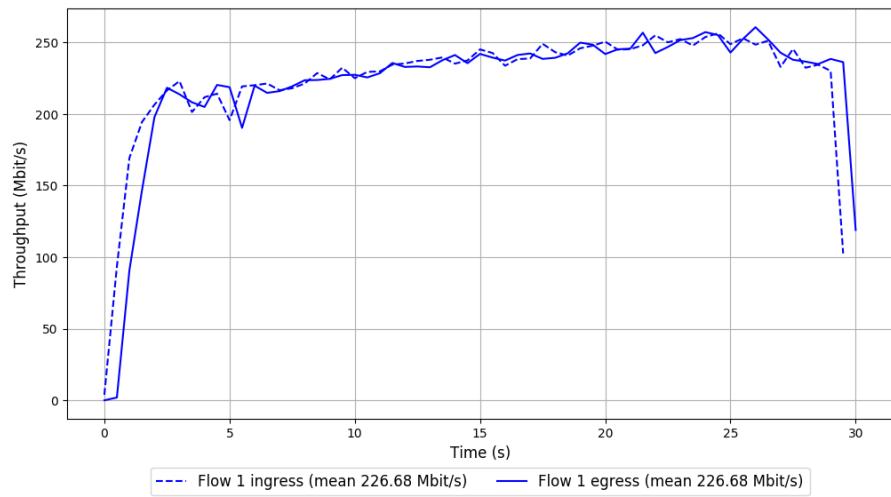


Run 2: Statistics of Indigo

```
Start at: 2018-08-03 05:12:15
End at: 2018-08-03 05:12:46
Local clock offset: 0.027 ms
Remote clock offset: -0.07 ms

# Below is generated by plot.py at 2018-08-03 09:44:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 226.68 Mbit/s
95th percentile per-packet one-way delay: 50.798 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 226.68 Mbit/s
95th percentile per-packet one-way delay: 50.798 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

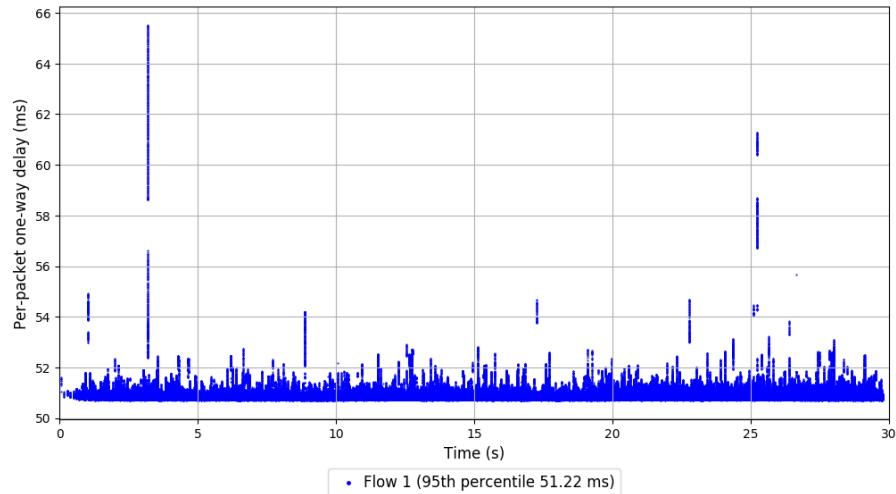
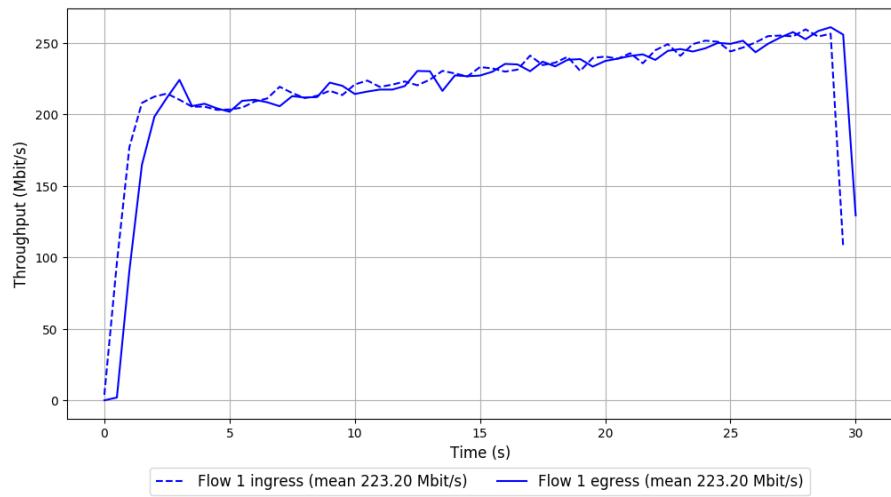


Run 3: Statistics of Indigo

```
Start at: 2018-08-03 05:34:42
End at: 2018-08-03 05:35:12
Local clock offset: -0.446 ms
Remote clock offset: -0.073 ms

# Below is generated by plot.py at 2018-08-03 09:44:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 223.20 Mbit/s
95th percentile per-packet one-way delay: 51.219 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 223.20 Mbit/s
95th percentile per-packet one-way delay: 51.219 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link

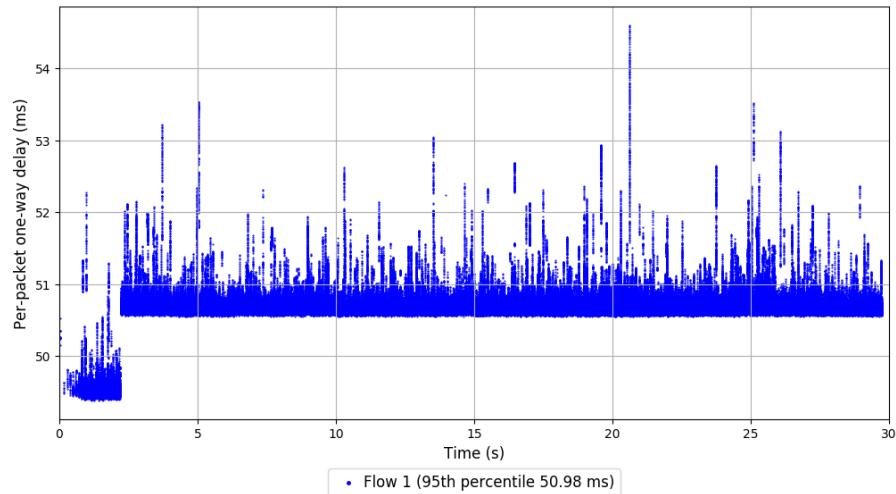
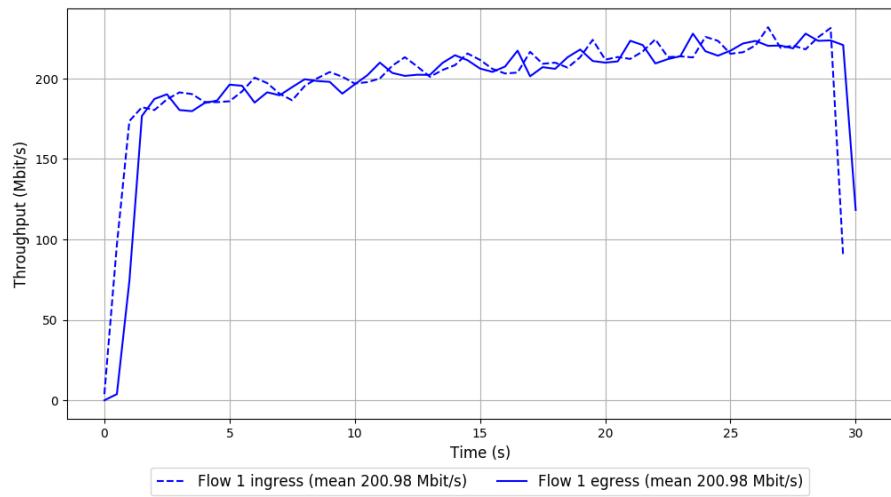


Run 4: Statistics of Indigo

```
Start at: 2018-08-03 05:57:15
End at: 2018-08-03 05:57:45
Local clock offset: 0.165 ms
Remote clock offset: -0.007 ms

# Below is generated by plot.py at 2018-08-03 09:44:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 200.98 Mbit/s
95th percentile per-packet one-way delay: 50.980 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 200.98 Mbit/s
95th percentile per-packet one-way delay: 50.980 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

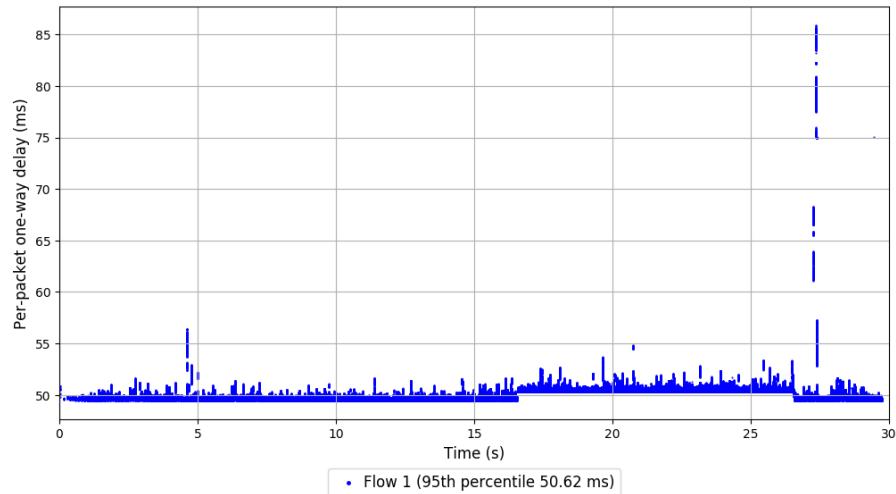
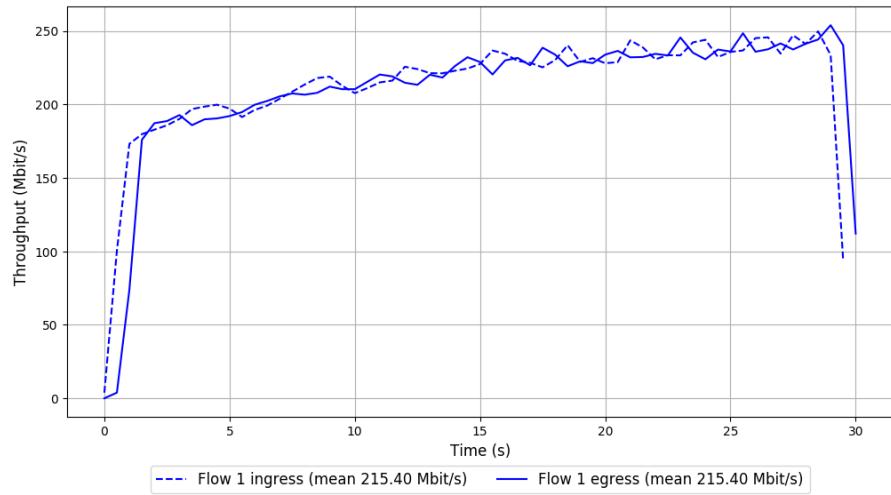


Run 5: Statistics of Indigo

```
Start at: 2018-08-03 06:19:41
End at: 2018-08-03 06:20:11
Local clock offset: 0.131 ms
Remote clock offset: 0.016 ms

# Below is generated by plot.py at 2018-08-03 09:44:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 215.40 Mbit/s
95th percentile per-packet one-way delay: 50.624 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 215.40 Mbit/s
95th percentile per-packet one-way delay: 50.624 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link

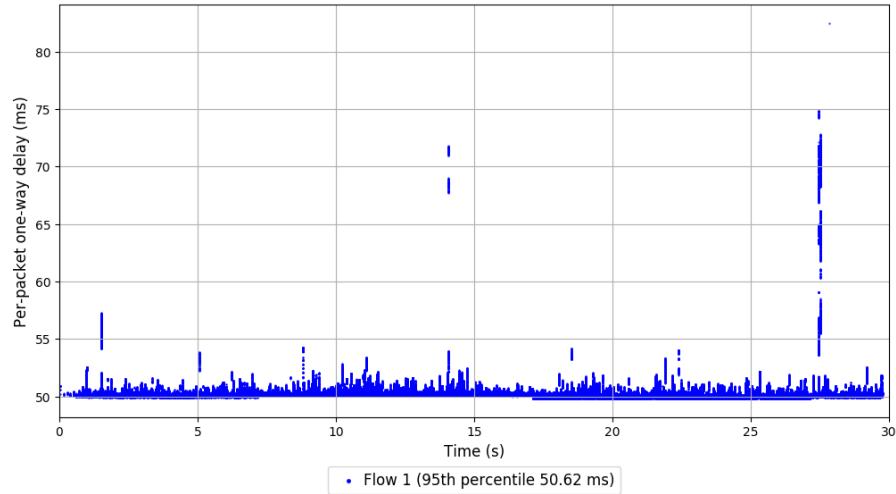
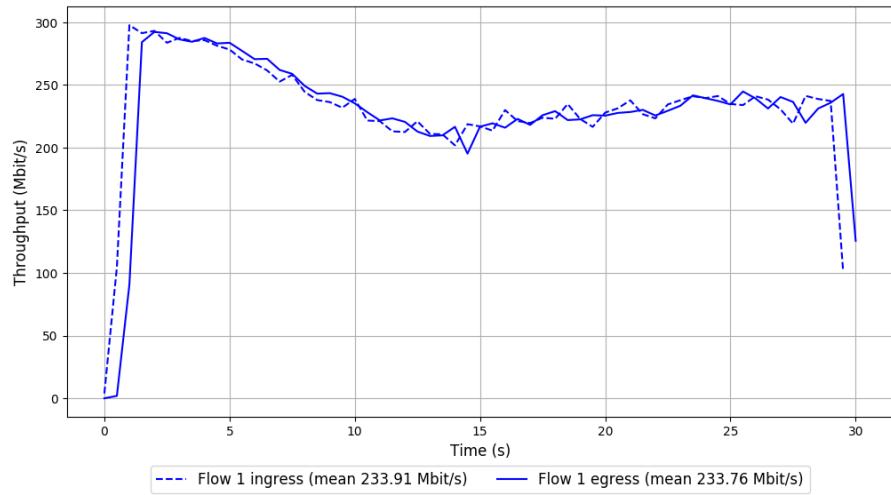


Run 6: Statistics of Indigo

```
Start at: 2018-08-03 06:42:11
End at: 2018-08-03 06:42:41
Local clock offset: 0.46 ms
Remote clock offset: 0.062 ms

# Below is generated by plot.py at 2018-08-03 09:44:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 233.76 Mbit/s
95th percentile per-packet one-way delay: 50.616 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 233.76 Mbit/s
95th percentile per-packet one-way delay: 50.616 ms
Loss rate: 0.06%
```

Run 6: Report of Indigo — Data Link

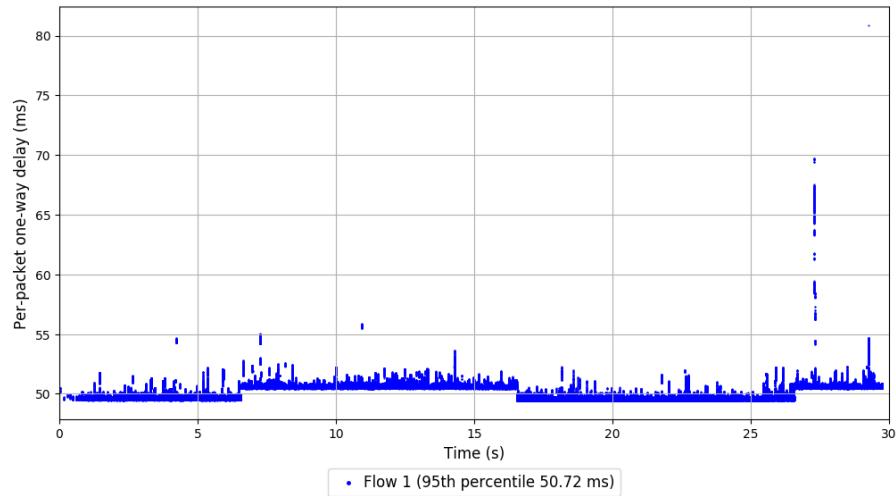
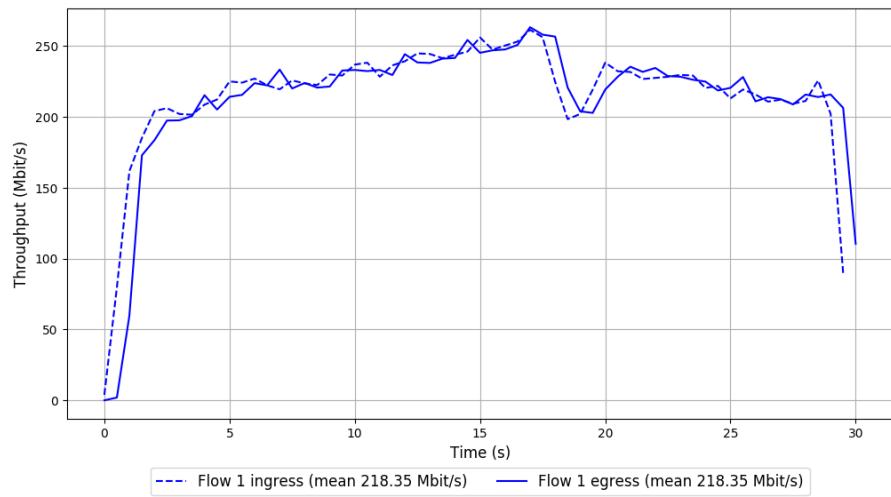


Run 7: Statistics of Indigo

```
Start at: 2018-08-03 07:04:21
End at: 2018-08-03 07:04:51
Local clock offset: 0.161 ms
Remote clock offset: -0.051 ms

# Below is generated by plot.py at 2018-08-03 09:44:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 218.35 Mbit/s
95th percentile per-packet one-way delay: 50.719 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 218.35 Mbit/s
95th percentile per-packet one-way delay: 50.719 ms
Loss rate: 0.00%
```

Run 7: Report of Indigo — Data Link

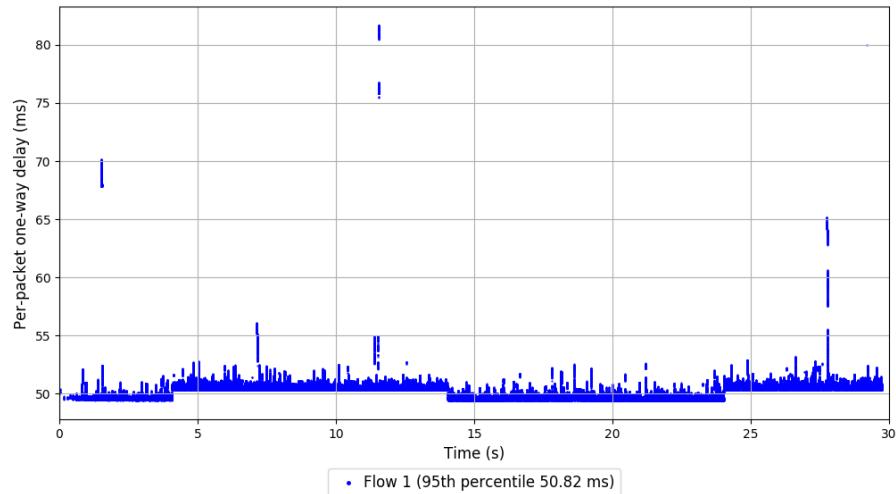
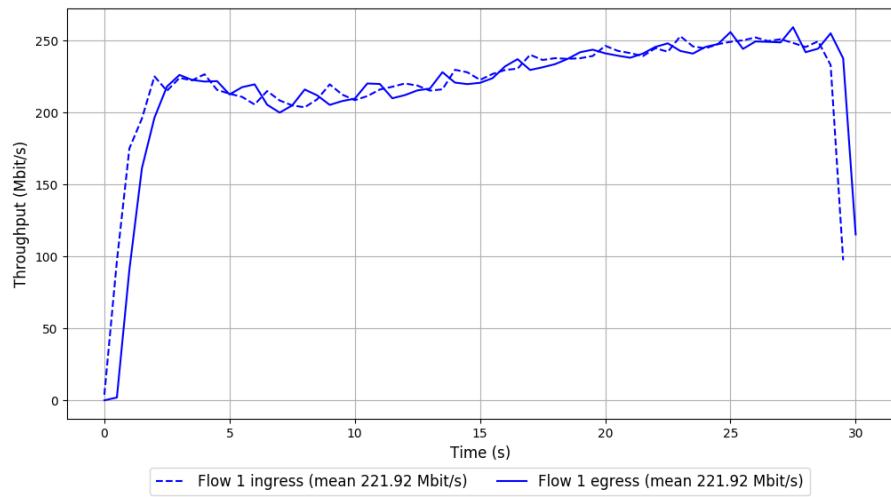


Run 8: Statistics of Indigo

```
Start at: 2018-08-03 07:26:24
End at: 2018-08-03 07:26:54
Local clock offset: 0.156 ms
Remote clock offset: -0.122 ms

# Below is generated by plot.py at 2018-08-03 09:44:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 221.92 Mbit/s
95th percentile per-packet one-way delay: 50.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 221.92 Mbit/s
95th percentile per-packet one-way delay: 50.820 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo — Data Link

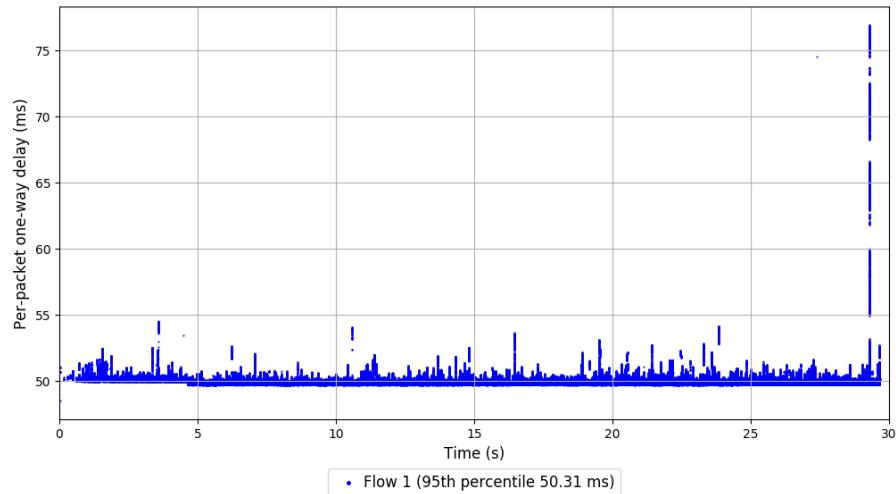
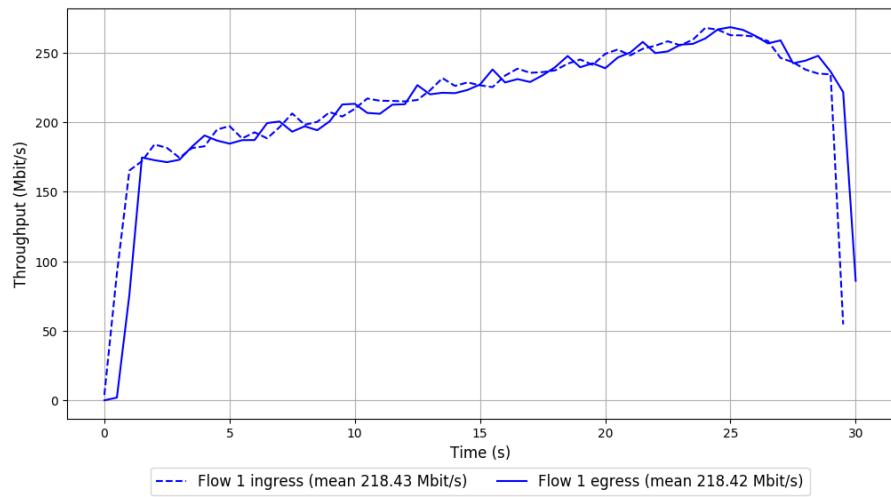


Run 9: Statistics of Indigo

```
Start at: 2018-08-03 07:48:33
End at: 2018-08-03 07:49:03
Local clock offset: 0.38 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2018-08-03 09:44:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 218.42 Mbit/s
95th percentile per-packet one-way delay: 50.314 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 218.42 Mbit/s
95th percentile per-packet one-way delay: 50.314 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo — Data Link

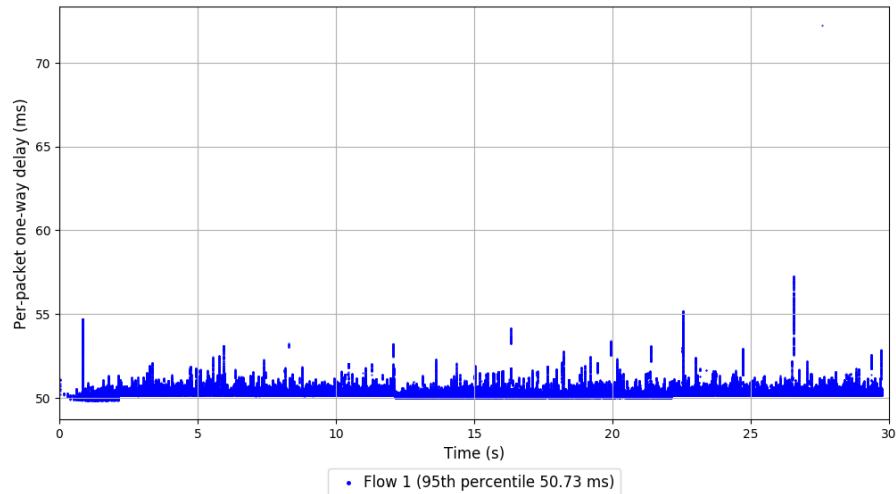
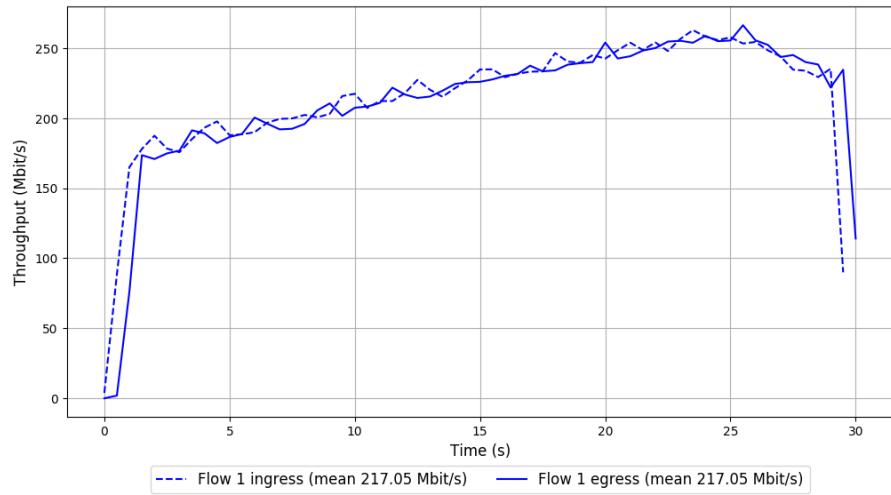


Run 10: Statistics of Indigo

```
Start at: 2018-08-03 08:10:56
End at: 2018-08-03 08:11:26
Local clock offset: 0.403 ms
Remote clock offset: -0.015 ms

# Below is generated by plot.py at 2018-08-03 09:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 217.05 Mbit/s
95th percentile per-packet one-way delay: 50.728 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 217.05 Mbit/s
95th percentile per-packet one-way delay: 50.728 ms
Loss rate: 0.00%
```

Run 10: Report of Indigo — Data Link

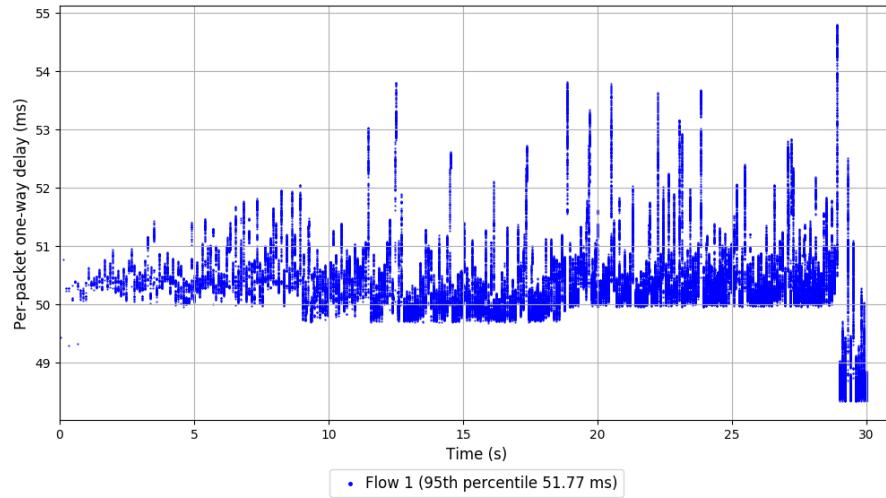
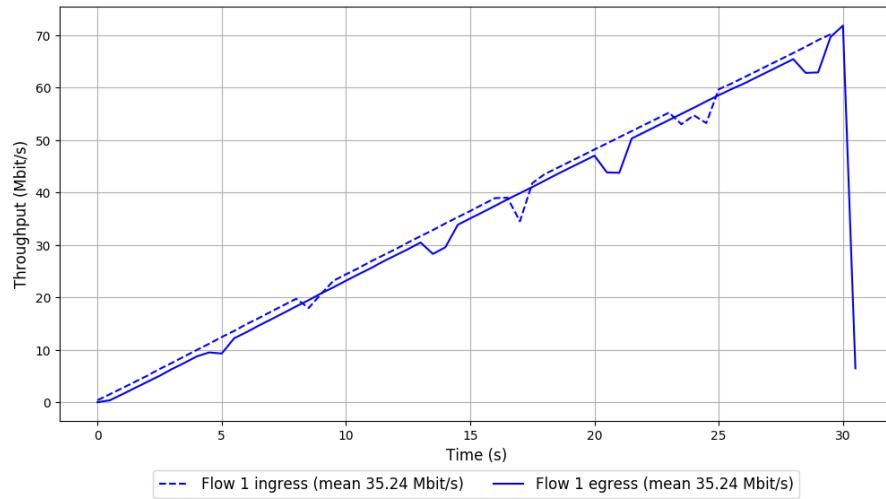


Run 1: Statistics of LEDBAT

```
Start at: 2018-08-03 05:00:19
End at: 2018-08-03 05:00:49
Local clock offset: 0.443 ms
Remote clock offset: -0.085 ms

# Below is generated by plot.py at 2018-08-03 09:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.24 Mbit/s
95th percentile per-packet one-way delay: 51.770 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.24 Mbit/s
95th percentile per-packet one-way delay: 51.770 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

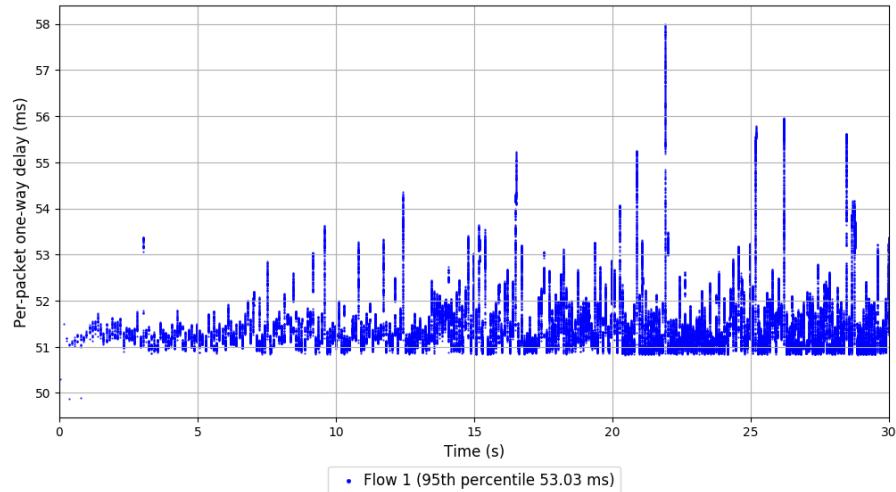
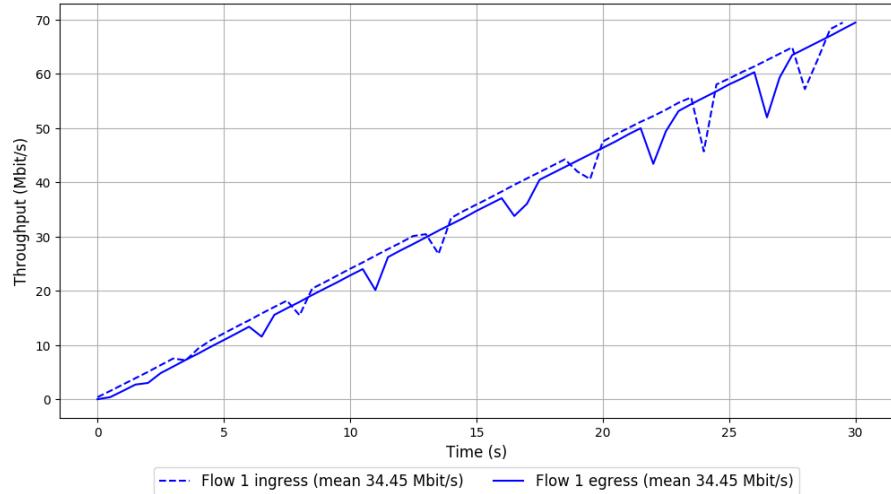


Run 2: Statistics of LEDBAT

```
Start at: 2018-08-03 05:22:40
End at: 2018-08-03 05:23:10
Local clock offset: -0.357 ms
Remote clock offset: -0.094 ms

# Below is generated by plot.py at 2018-08-03 09:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.45 Mbit/s
95th percentile per-packet one-way delay: 53.028 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.45 Mbit/s
95th percentile per-packet one-way delay: 53.028 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

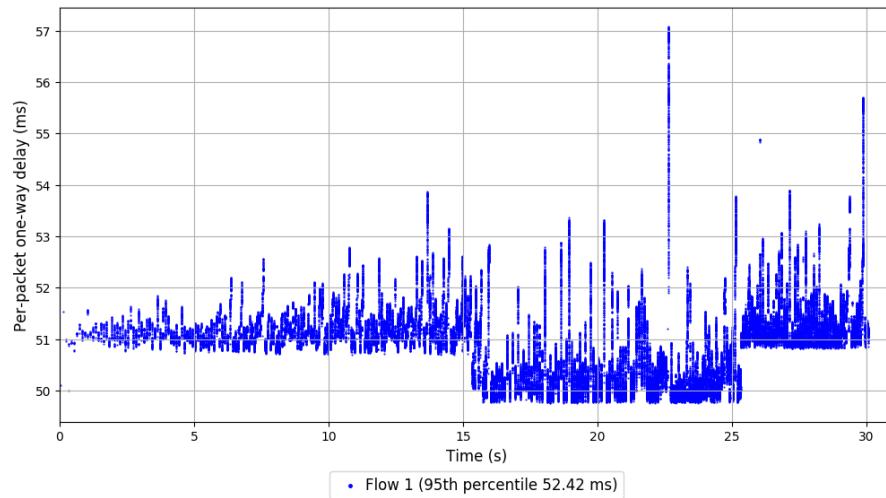
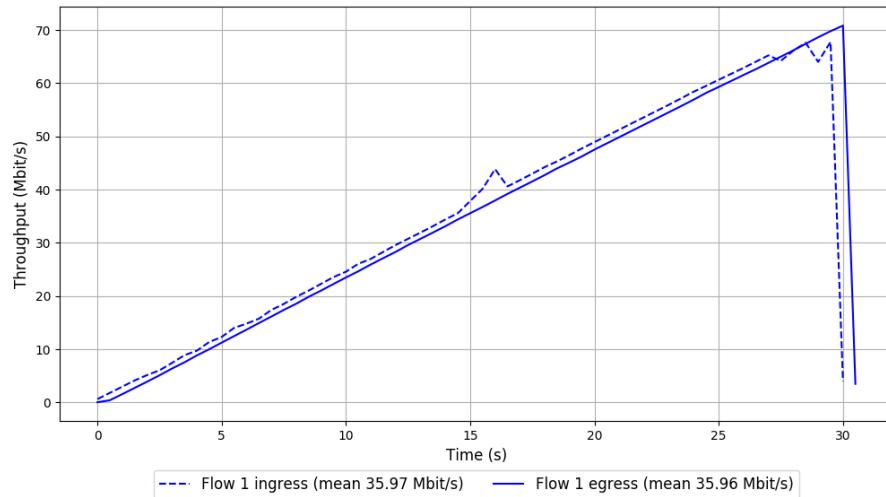


Run 3: Statistics of LEDBAT

```
Start at: 2018-08-03 05:45:13
End at: 2018-08-03 05:45:43
Local clock offset: -0.388 ms
Remote clock offset: -0.085 ms

# Below is generated by plot.py at 2018-08-03 09:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.96 Mbit/s
95th percentile per-packet one-way delay: 52.422 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 35.96 Mbit/s
95th percentile per-packet one-way delay: 52.422 ms
Loss rate: 0.02%
```

Run 3: Report of LEDBAT — Data Link

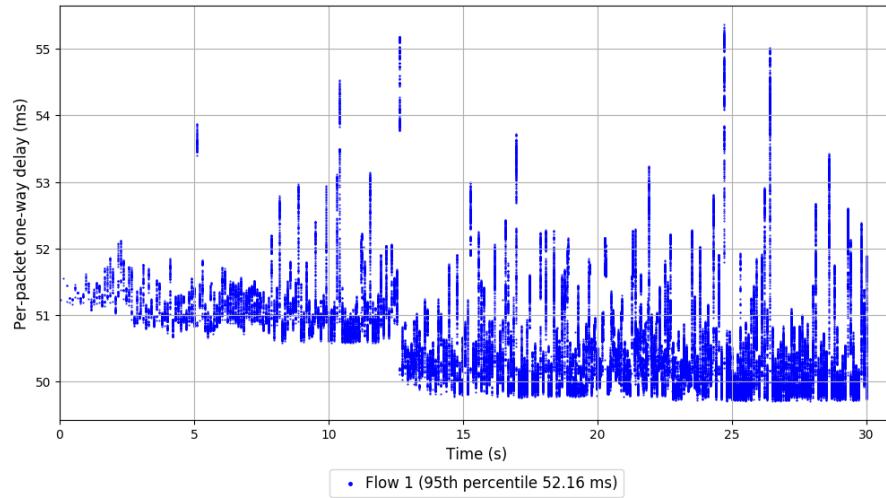
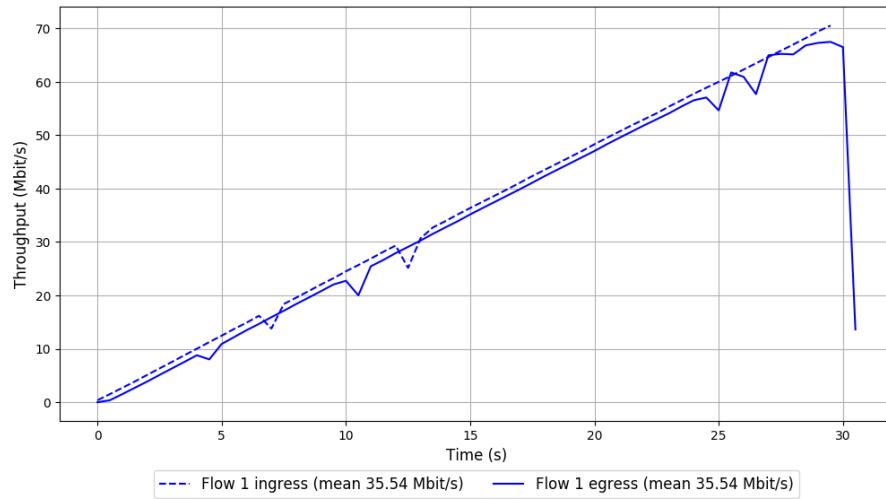


Run 4: Statistics of LEDBAT

```
Start at: 2018-08-03 06:07:45
End at: 2018-08-03 06:08:15
Local clock offset: -0.179 ms
Remote clock offset: -0.068 ms

# Below is generated by plot.py at 2018-08-03 09:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.54 Mbit/s
95th percentile per-packet one-way delay: 52.159 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.54 Mbit/s
95th percentile per-packet one-way delay: 52.159 ms
Loss rate: 0.00%
```

Run 4: Report of LEDBAT — Data Link

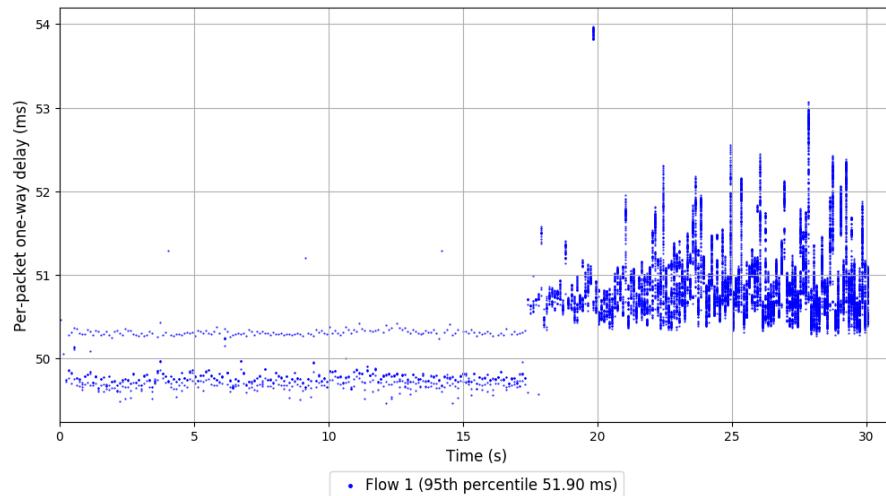
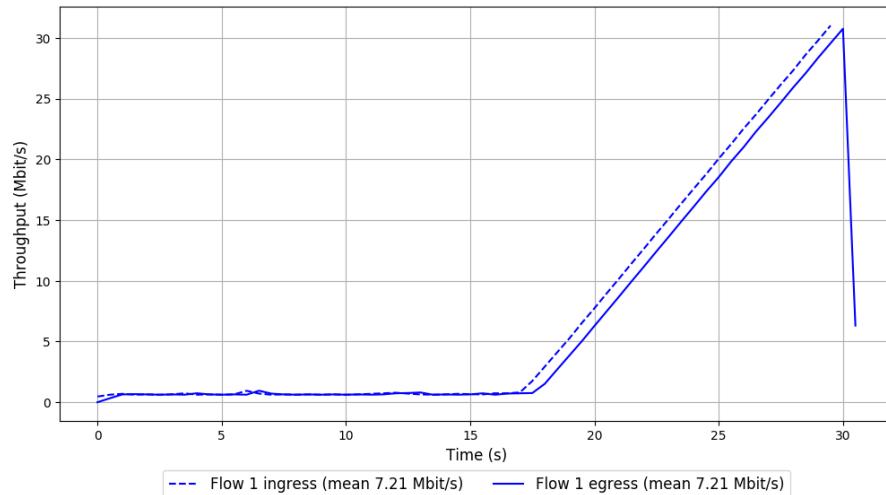


Run 5: Statistics of LEDBAT

```
Start at: 2018-08-03 06:30:11
End at: 2018-08-03 06:30:41
Local clock offset: 0.081 ms
Remote clock offset: 0.026 ms

# Below is generated by plot.py at 2018-08-03 09:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 51.896 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 51.896 ms
Loss rate: 0.00%
```

Run 5: Report of LEDBAT — Data Link

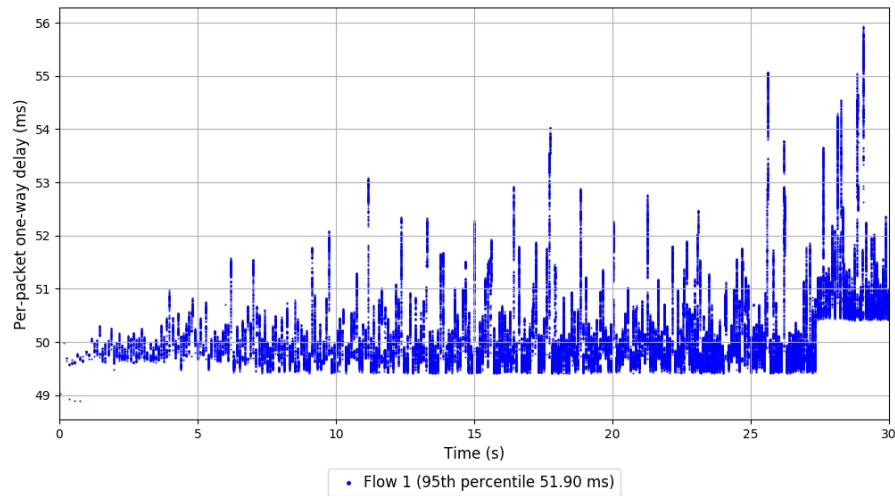
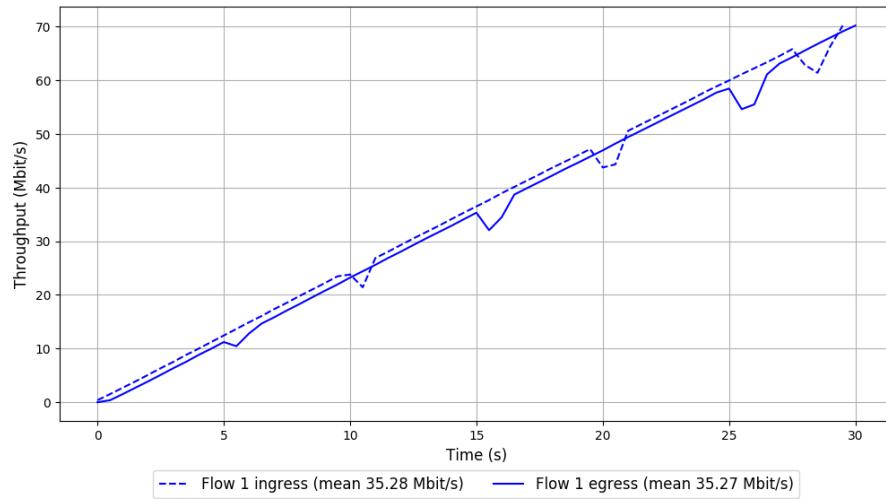


Run 6: Statistics of LEDBAT

```
Start at: 2018-08-03 06:52:31
End at: 2018-08-03 06:53:01
Local clock offset: 0.106 ms
Remote clock offset: 0.043 ms

# Below is generated by plot.py at 2018-08-03 09:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.27 Mbit/s
95th percentile per-packet one-way delay: 51.902 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.27 Mbit/s
95th percentile per-packet one-way delay: 51.902 ms
Loss rate: 0.00%
```

Run 6: Report of LEDBAT — Data Link

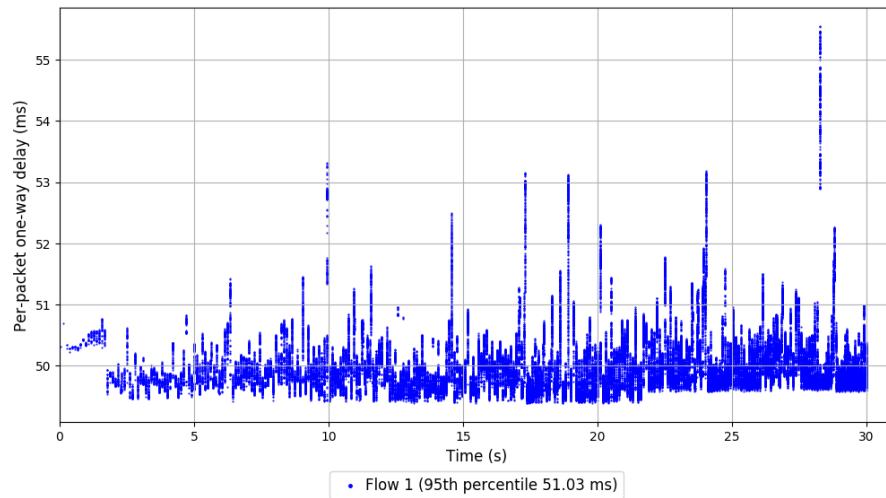
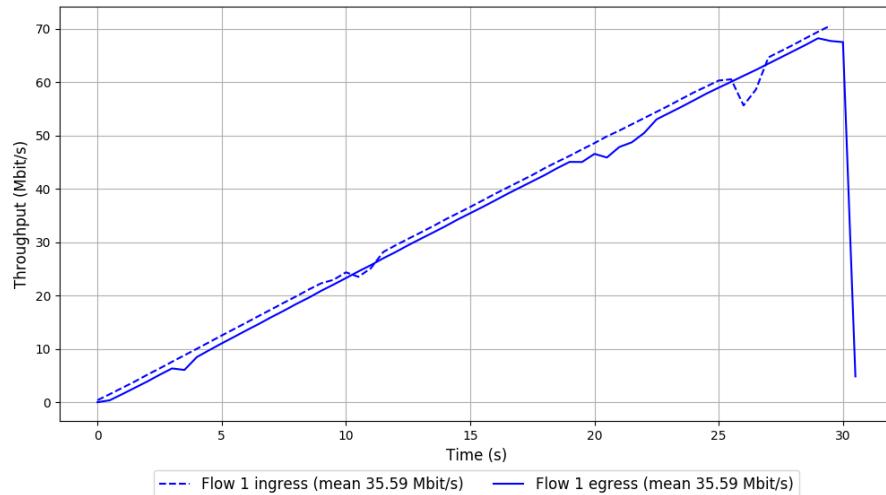


Run 7: Statistics of LEDBAT

```
Start at: 2018-08-03 07:14:36
End at: 2018-08-03 07:15:06
Local clock offset: 0.215 ms
Remote clock offset: -0.138 ms

# Below is generated by plot.py at 2018-08-03 09:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.59 Mbit/s
95th percentile per-packet one-way delay: 51.028 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.59 Mbit/s
95th percentile per-packet one-way delay: 51.028 ms
Loss rate: 0.00%
```

Run 7: Report of LEDBAT — Data Link

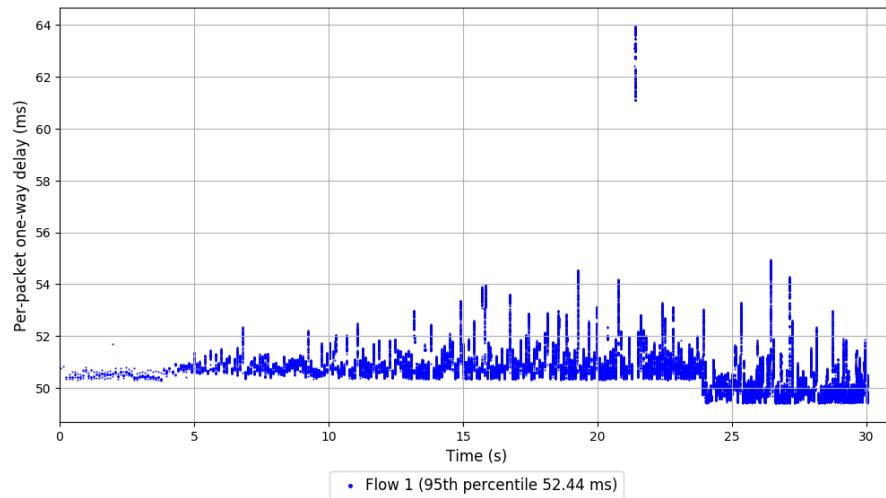
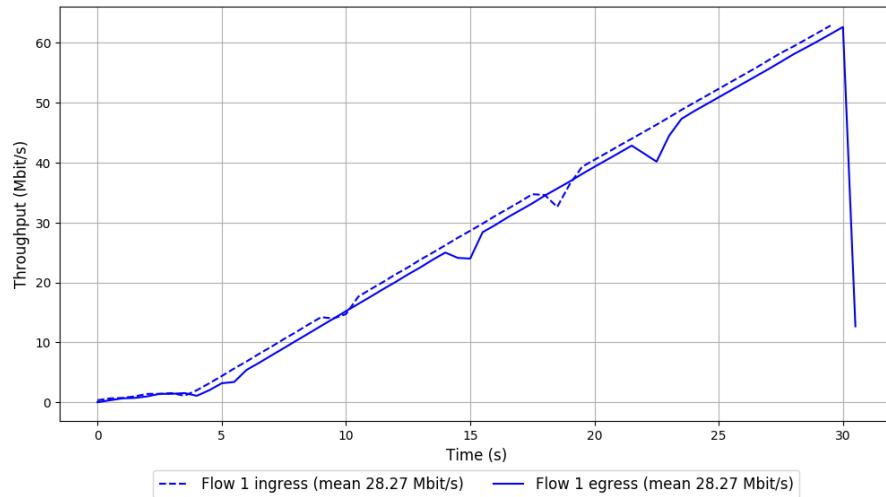


Run 8: Statistics of LEDBAT

```
Start at: 2018-08-03 07:36:44
End at: 2018-08-03 07:37:14
Local clock offset: 0.061 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2018-08-03 09:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.27 Mbit/s
95th percentile per-packet one-way delay: 52.442 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 28.27 Mbit/s
95th percentile per-packet one-way delay: 52.442 ms
Loss rate: 0.00%
```

Run 8: Report of LEDBAT — Data Link

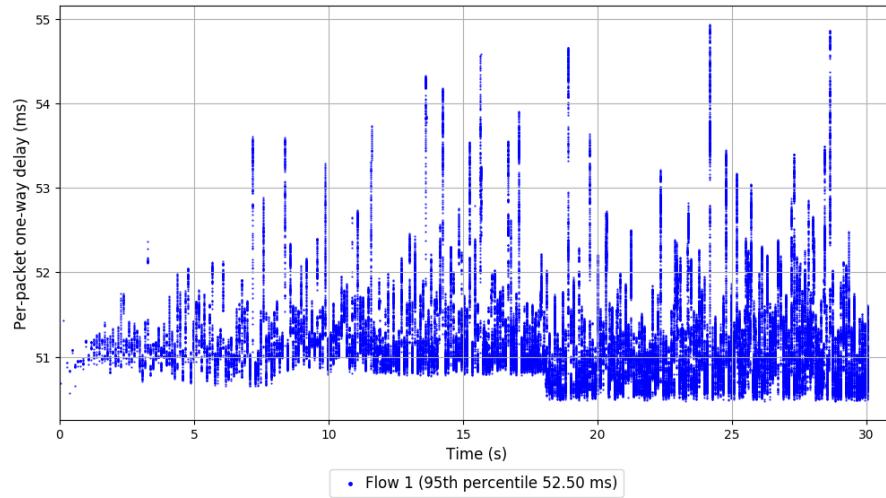
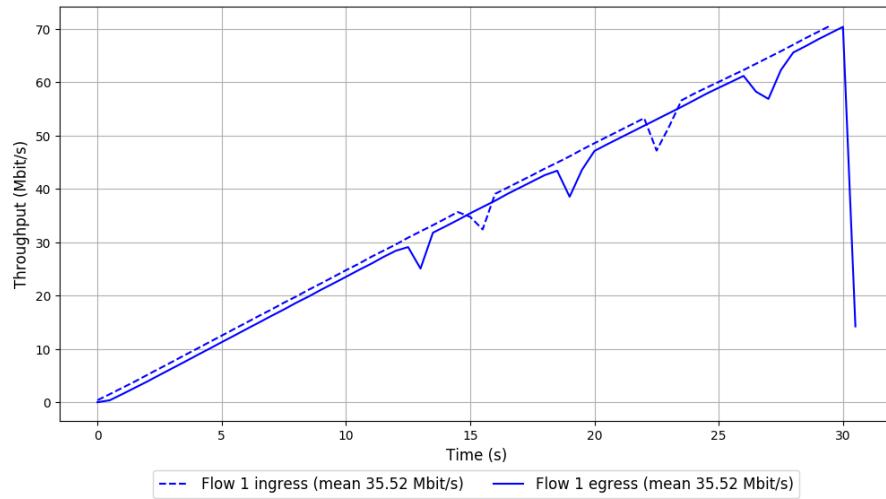


Run 9: Statistics of LEDBAT

```
Start at: 2018-08-03 07:59:00
End at: 2018-08-03 07:59:30
Local clock offset: -0.327 ms
Remote clock offset: -0.039 ms

# Below is generated by plot.py at 2018-08-03 09:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 52.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 52.496 ms
Loss rate: 0.00%
```

Run 9: Report of LEDBAT — Data Link

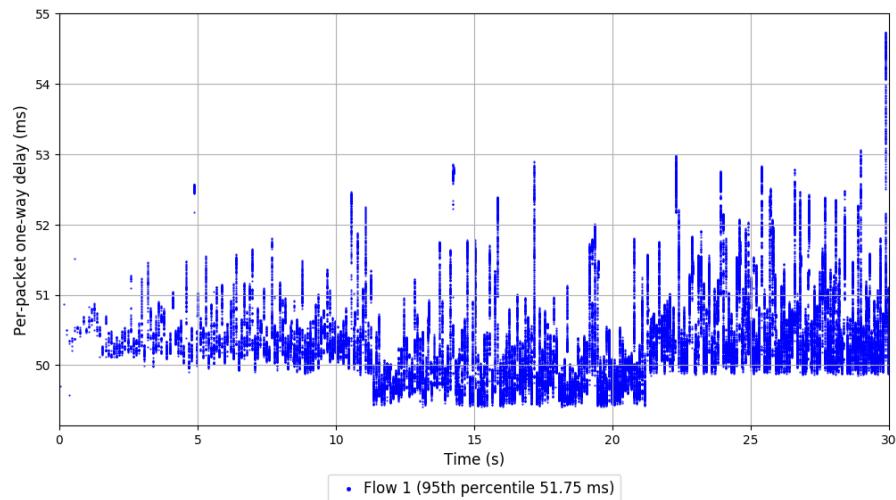
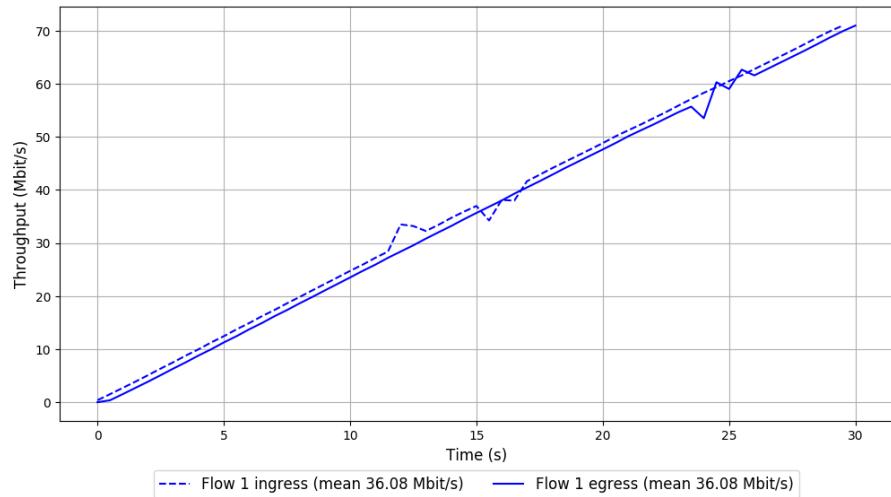


Run 10: Statistics of LEDBAT

```
Start at: 2018-08-03 08:21:17
End at: 2018-08-03 08:21:47
Local clock offset: 0.044 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2018-08-03 09:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 51.749 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 51.749 ms
Loss rate: 0.00%
```

Run 10: Report of LEDBAT — Data Link

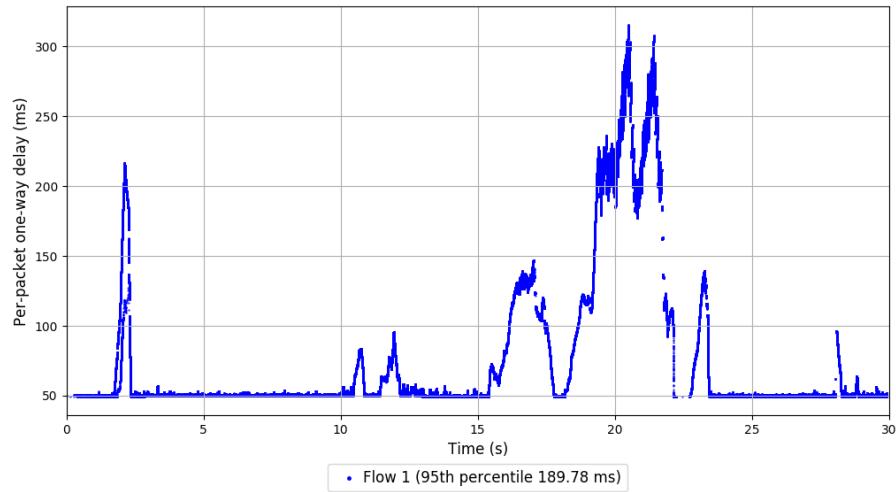
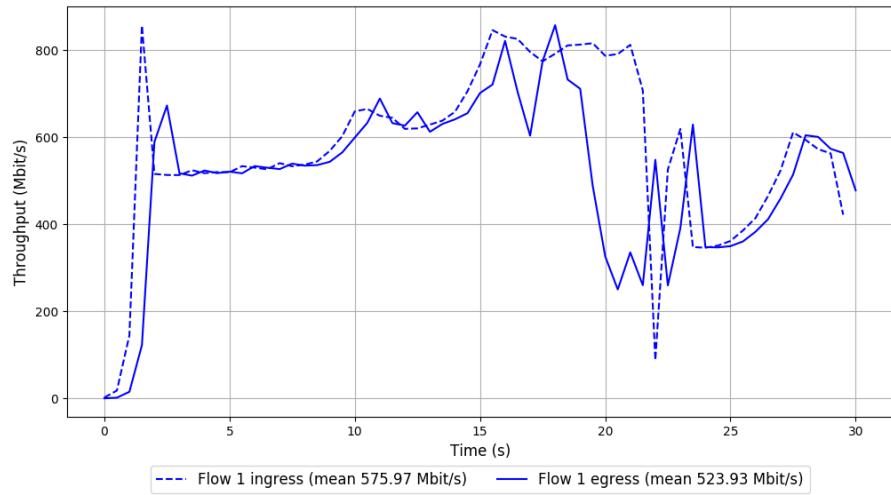


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-08-03 04:58:55
End at: 2018-08-03 04:59:25
Local clock offset: 0.456 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2018-08-03 09:48:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 523.93 Mbit/s
95th percentile per-packet one-way delay: 189.781 ms
Loss rate: 9.03%
-- Flow 1:
Average throughput: 523.93 Mbit/s
95th percentile per-packet one-way delay: 189.781 ms
Loss rate: 9.03%
```

Run 1: Report of PCC-Allegro — Data Link

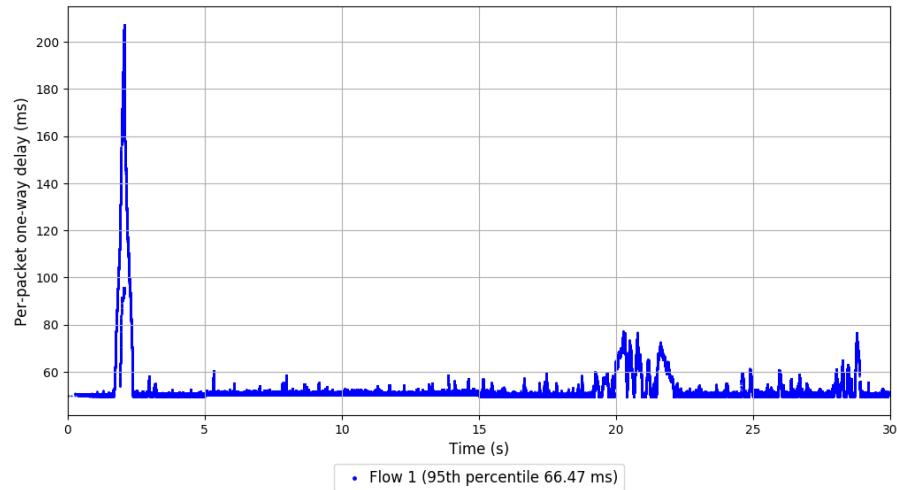
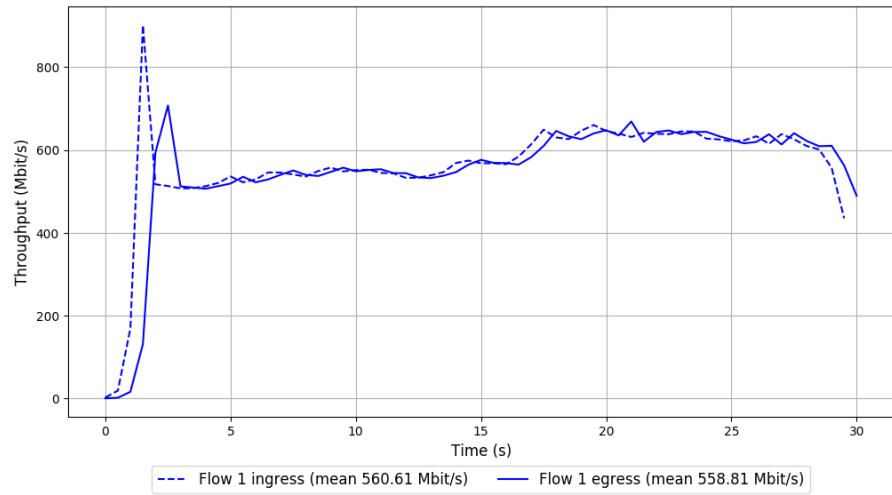


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-08-03 05:21:13
End at: 2018-08-03 05:21:43
Local clock offset: -0.018 ms
Remote clock offset: -0.107 ms

# Below is generated by plot.py at 2018-08-03 09:48:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 558.81 Mbit/s
95th percentile per-packet one-way delay: 66.471 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 558.81 Mbit/s
95th percentile per-packet one-way delay: 66.471 ms
Loss rate: 0.32%
```

Run 2: Report of PCC-Allegro — Data Link

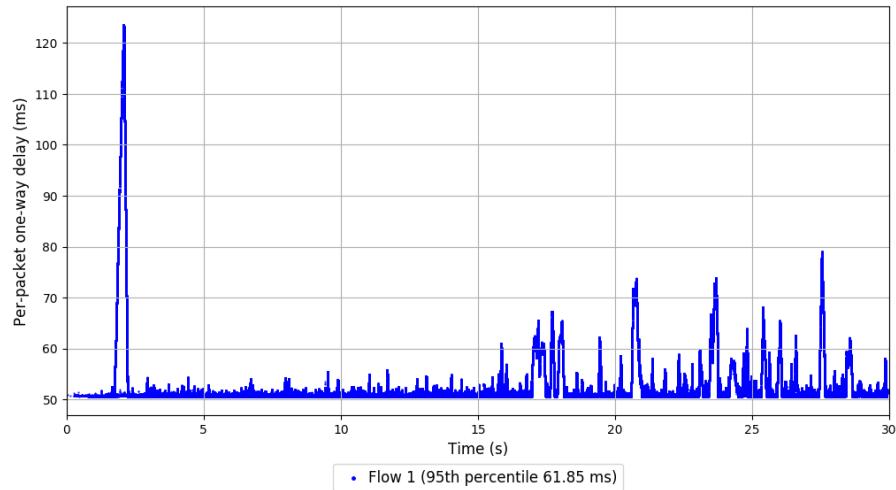
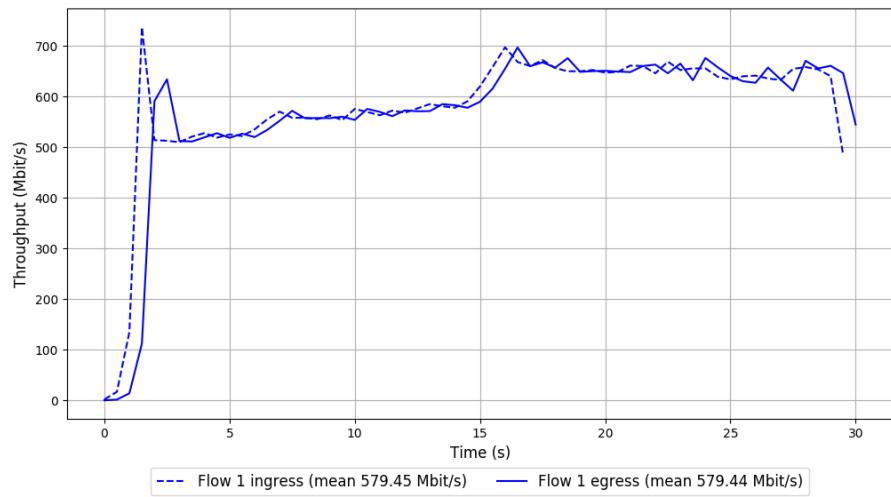


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-08-03 05:43:45
End at: 2018-08-03 05:44:15
Local clock offset: -0.455 ms
Remote clock offset: -0.105 ms

# Below is generated by plot.py at 2018-08-03 09:49:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 579.44 Mbit/s
95th percentile per-packet one-way delay: 61.851 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 579.44 Mbit/s
95th percentile per-packet one-way delay: 61.851 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Allegro — Data Link

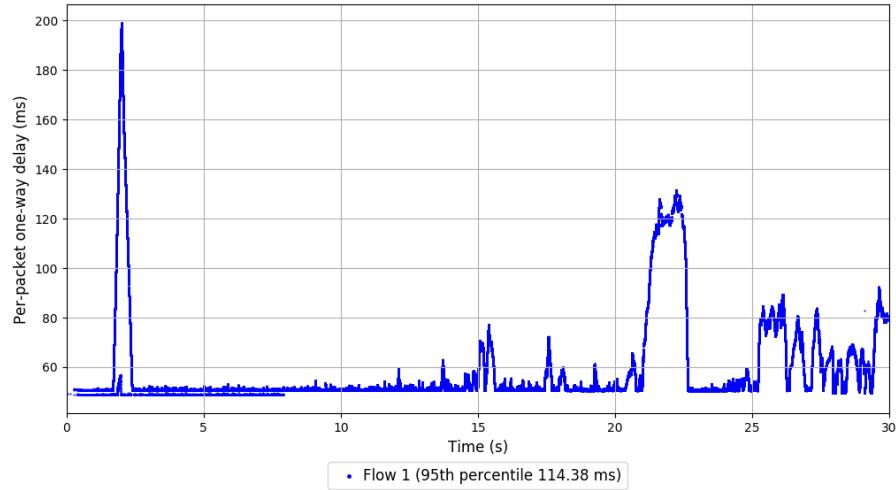
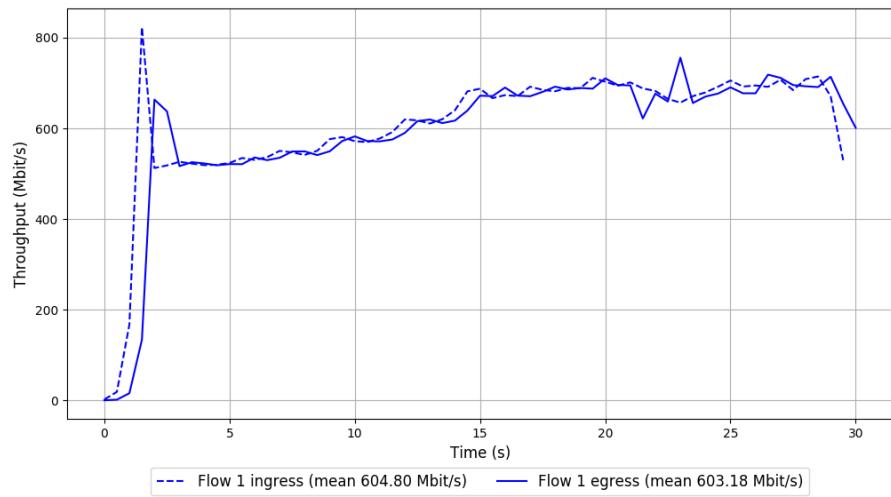


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-08-03 06:06:20
End at: 2018-08-03 06:06:50
Local clock offset: 0.135 ms
Remote clock offset: -0.027 ms

# Below is generated by plot.py at 2018-08-03 09:50:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 603.18 Mbit/s
95th percentile per-packet one-way delay: 114.384 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 603.18 Mbit/s
95th percentile per-packet one-way delay: 114.384 ms
Loss rate: 0.26%
```

Run 4: Report of PCC-Allegro — Data Link

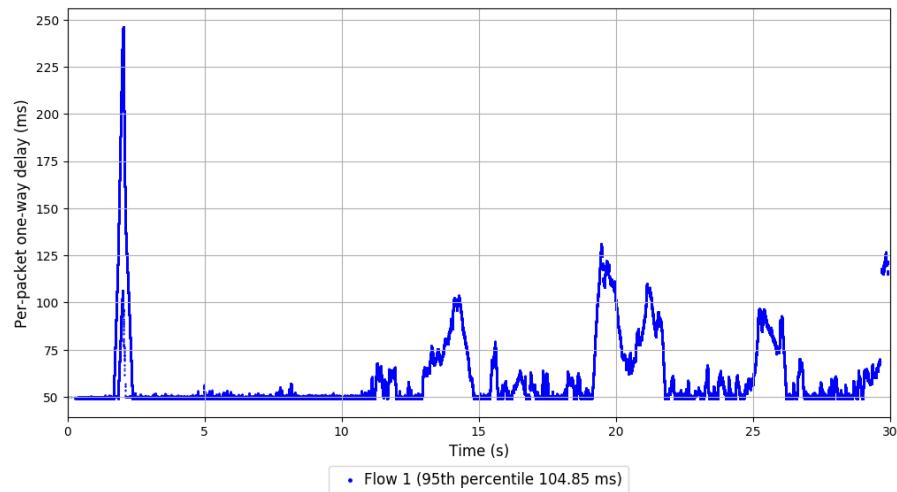
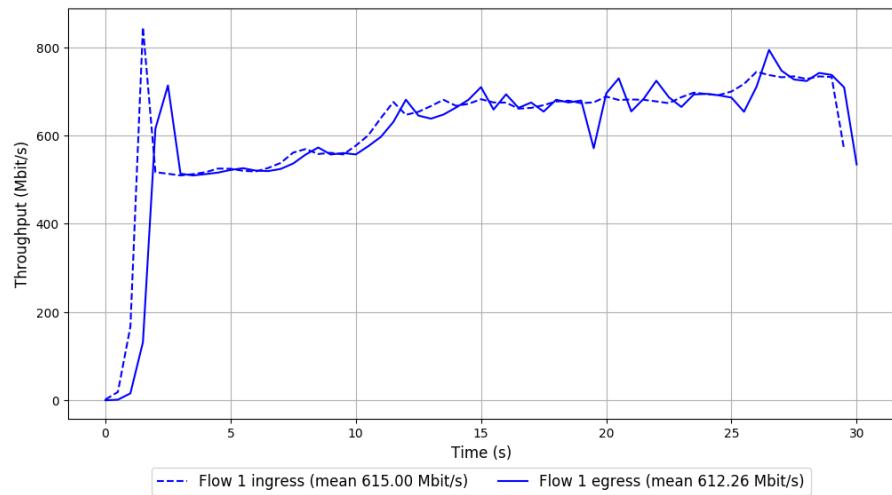


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-08-03 06:28:44
End at: 2018-08-03 06:29:15
Local clock offset: 0.449 ms
Remote clock offset: 0.0 ms

# Below is generated by plot.py at 2018-08-03 09:54:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 612.26 Mbit/s
95th percentile per-packet one-way delay: 104.851 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 612.26 Mbit/s
95th percentile per-packet one-way delay: 104.851 ms
Loss rate: 0.45%
```

Run 5: Report of PCC-Allegro — Data Link

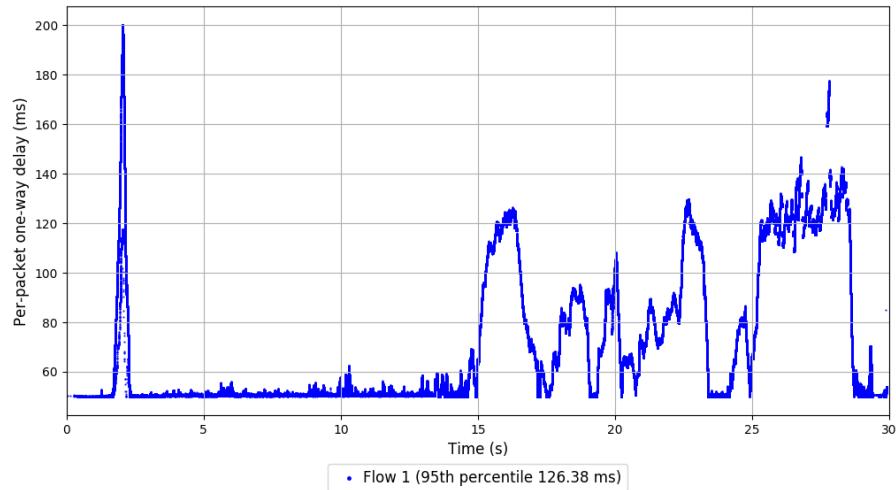
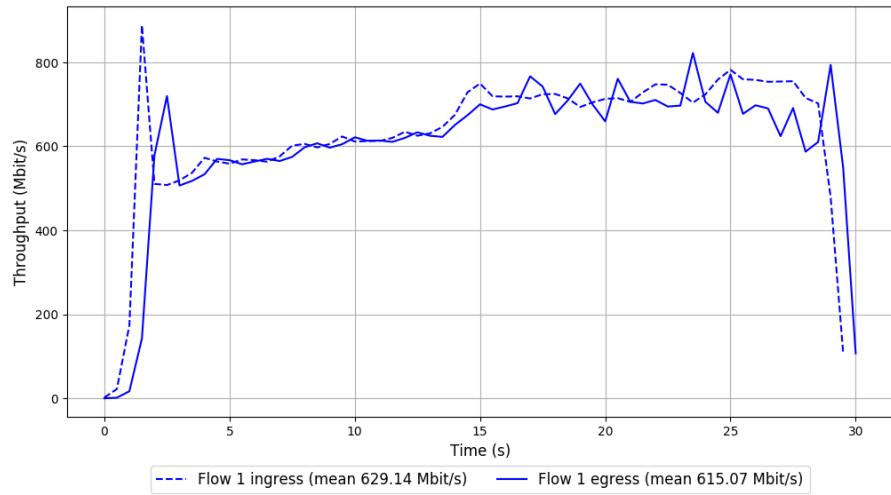


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-08-03 06:51:04
End at: 2018-08-03 06:51:34
Local clock offset: -0.287 ms
Remote clock offset: 0.086 ms

# Below is generated by plot.py at 2018-08-03 09:54:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 615.07 Mbit/s
95th percentile per-packet one-way delay: 126.381 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 615.07 Mbit/s
95th percentile per-packet one-way delay: 126.381 ms
Loss rate: 2.23%
```

Run 6: Report of PCC-Allegro — Data Link

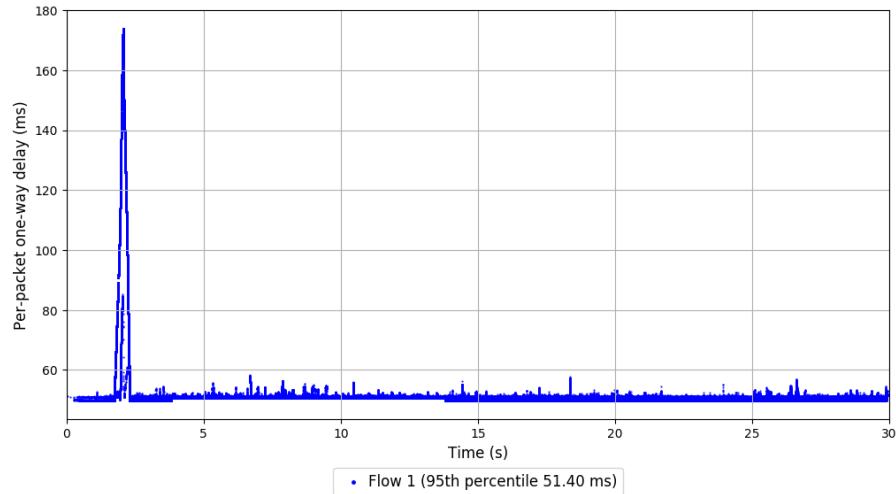
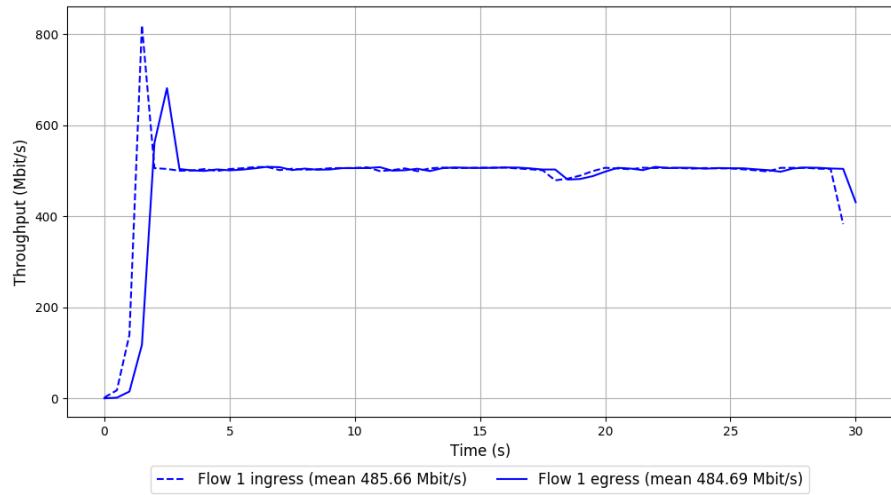


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-08-03 07:13:14
End at: 2018-08-03 07:13:44
Local clock offset: -0.16 ms
Remote clock offset: -0.097 ms

# Below is generated by plot.py at 2018-08-03 09:54:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 484.69 Mbit/s
95th percentile per-packet one-way delay: 51.401 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 484.69 Mbit/s
95th percentile per-packet one-way delay: 51.401 ms
Loss rate: 0.20%
```

Run 7: Report of PCC-Allegro — Data Link

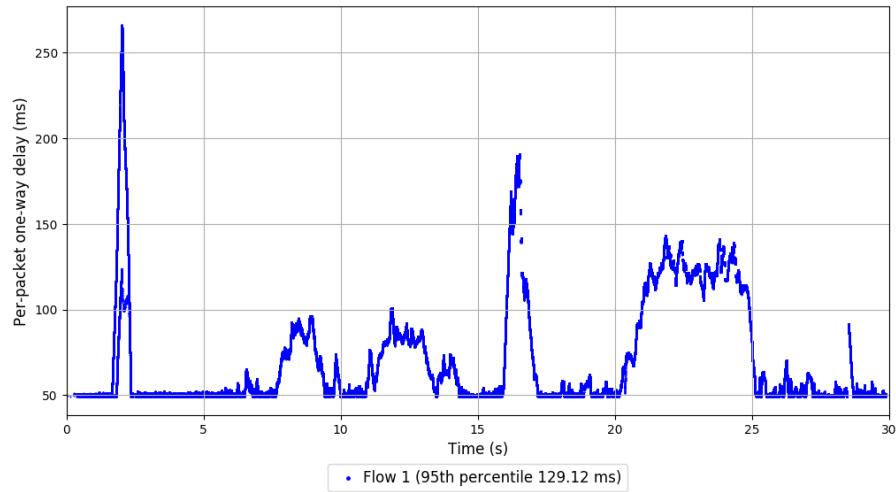
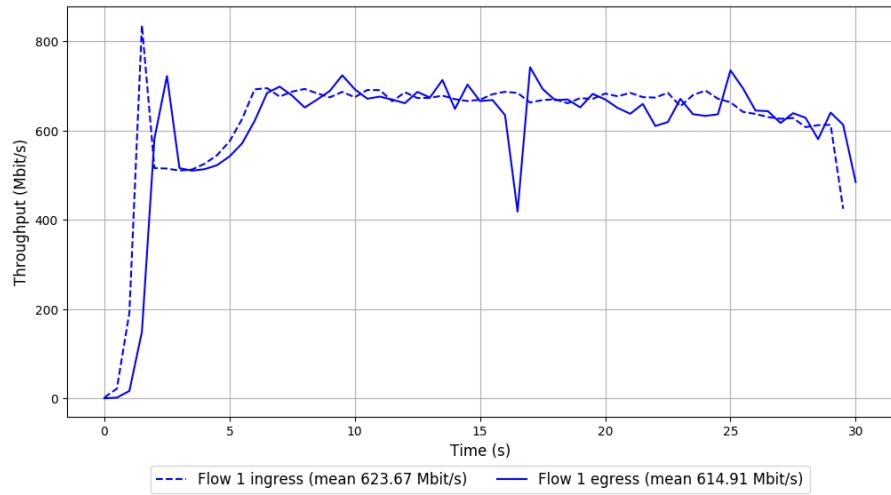


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-08-03 07:35:18
End at: 2018-08-03 07:35:48
Local clock offset: -0.286 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at 2018-08-03 09:56:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 614.91 Mbit/s
95th percentile per-packet one-way delay: 129.124 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 614.91 Mbit/s
95th percentile per-packet one-way delay: 129.124 ms
Loss rate: 1.40%
```

Run 8: Report of PCC-Allegro — Data Link

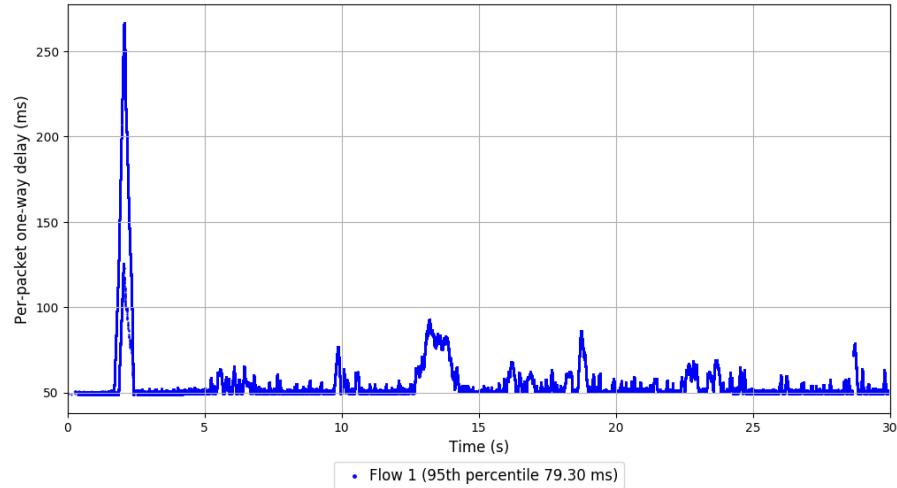
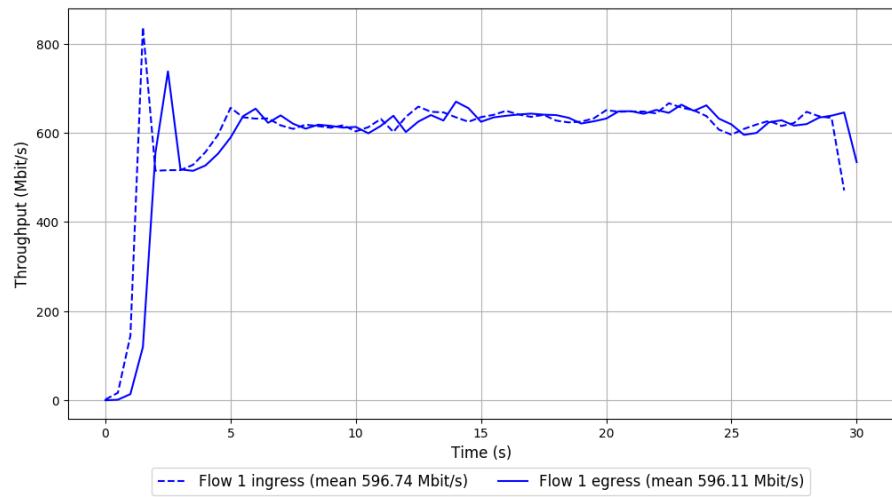


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-08-03 07:57:34
End at: 2018-08-03 07:58:04
Local clock offset: -0.009 ms
Remote clock offset: -0.008 ms

# Below is generated by plot.py at 2018-08-03 09:59:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 596.11 Mbit/s
95th percentile per-packet one-way delay: 79.298 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 596.11 Mbit/s
95th percentile per-packet one-way delay: 79.298 ms
Loss rate: 0.10%
```

Run 9: Report of PCC-Allegro — Data Link

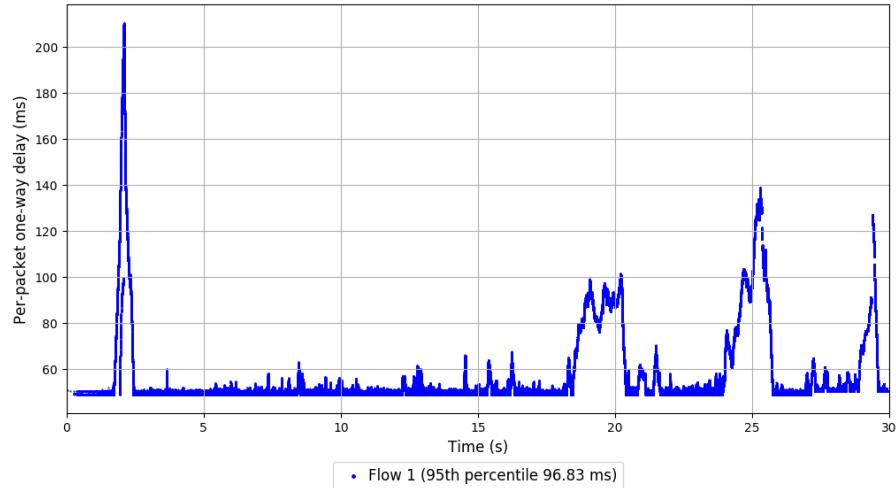
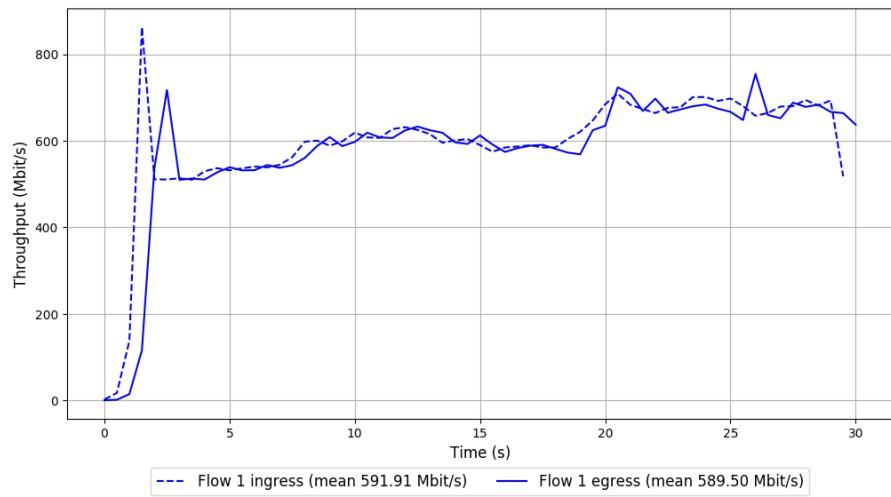


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-08-03 08:19:51
End at: 2018-08-03 08:20:21
Local clock offset: 0.081 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2018-08-03 09:59:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 589.50 Mbit/s
95th percentile per-packet one-way delay: 96.827 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 589.50 Mbit/s
95th percentile per-packet one-way delay: 96.827 ms
Loss rate: 0.41%
```

Run 10: Report of PCC-Allegro — Data Link

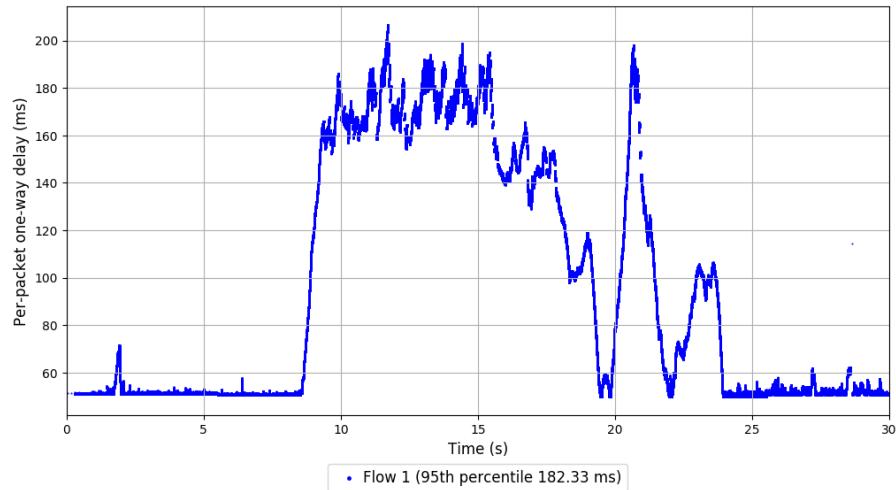
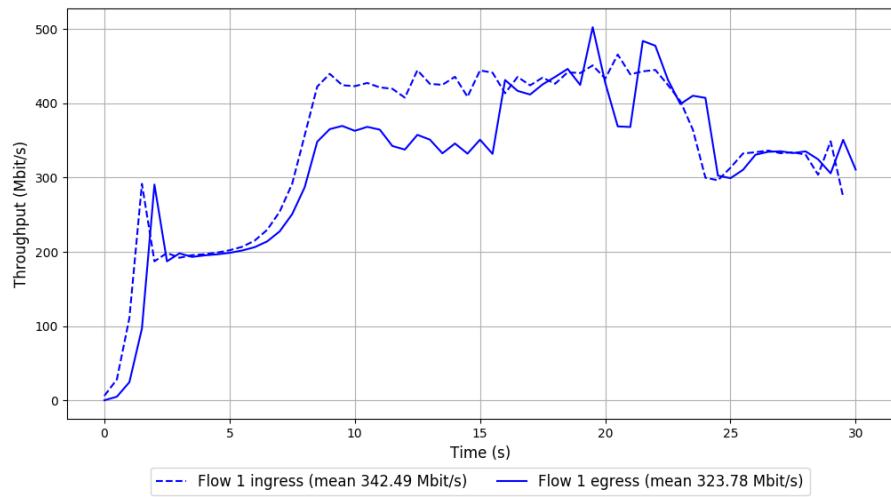


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2018-08-03 04:51:12
End at: 2018-08-03 04:51:42
Local clock offset: -0.263 ms
Remote clock offset: -0.042 ms

# Below is generated by plot.py at 2018-08-03 10:00:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 323.78 Mbit/s
95th percentile per-packet one-way delay: 182.330 ms
Loss rate: 5.46%
-- Flow 1:
Average throughput: 323.78 Mbit/s
95th percentile per-packet one-way delay: 182.330 ms
Loss rate: 5.46%
```

Run 1: Report of PCC-Expr — Data Link

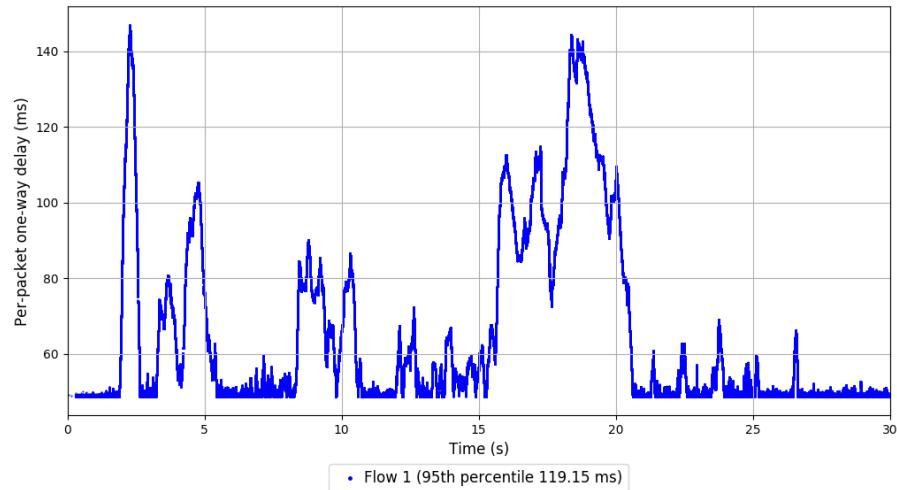
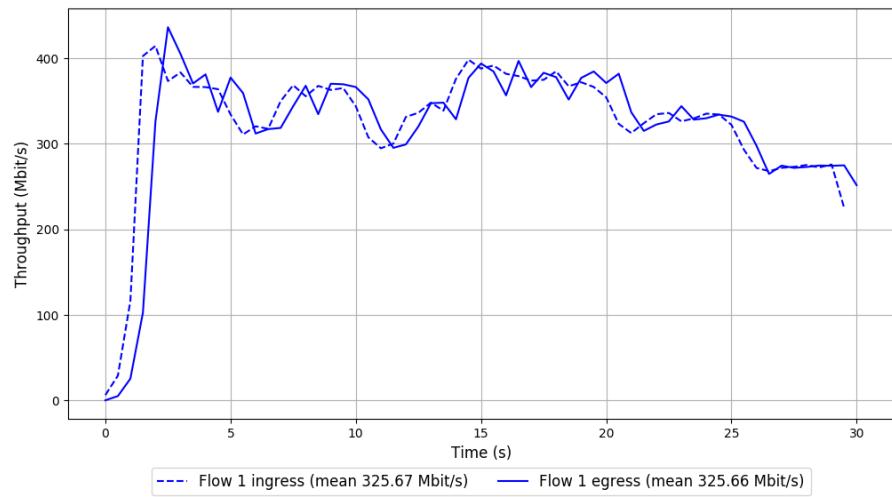


Run 2: Statistics of PCC-Expr

```
Start at: 2018-08-03 05:13:35
End at: 2018-08-03 05:14:05
Local clock offset: 0.006 ms
Remote clock offset: -0.081 ms

# Below is generated by plot.py at 2018-08-03 10:01:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 325.66 Mbit/s
95th percentile per-packet one-way delay: 119.146 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 325.66 Mbit/s
95th percentile per-packet one-way delay: 119.146 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Expr — Data Link

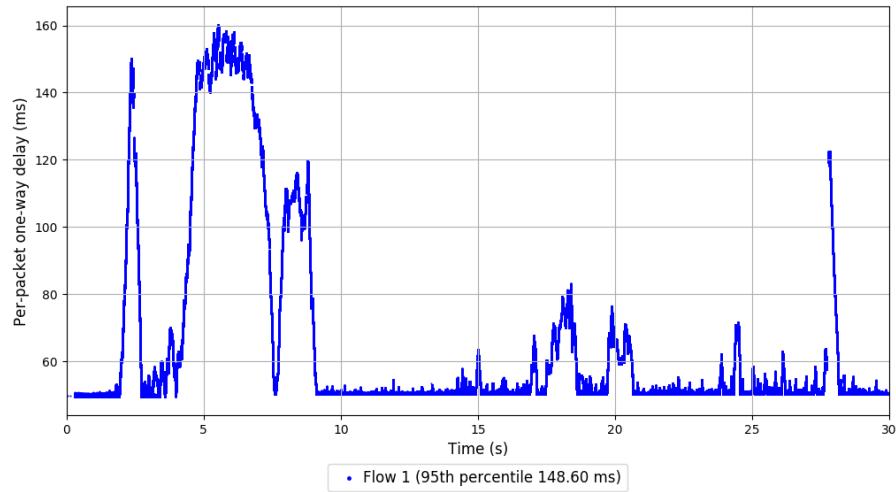
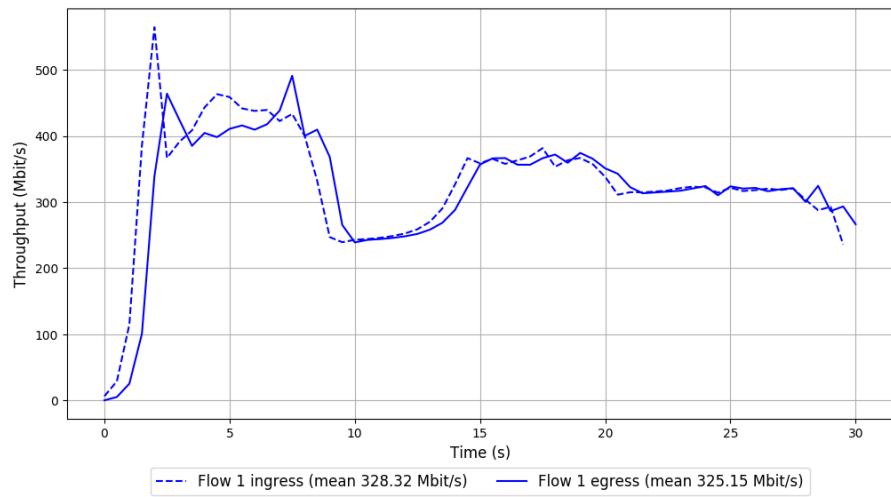


Run 3: Statistics of PCC-Expr

```
Start at: 2018-08-03 05:36:01
End at: 2018-08-03 05:36:31
Local clock offset: -0.043 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2018-08-03 10:03:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 325.15 Mbit/s
95th percentile per-packet one-way delay: 148.597 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 325.15 Mbit/s
95th percentile per-packet one-way delay: 148.597 ms
Loss rate: 0.96%
```

Run 3: Report of PCC-Expr — Data Link

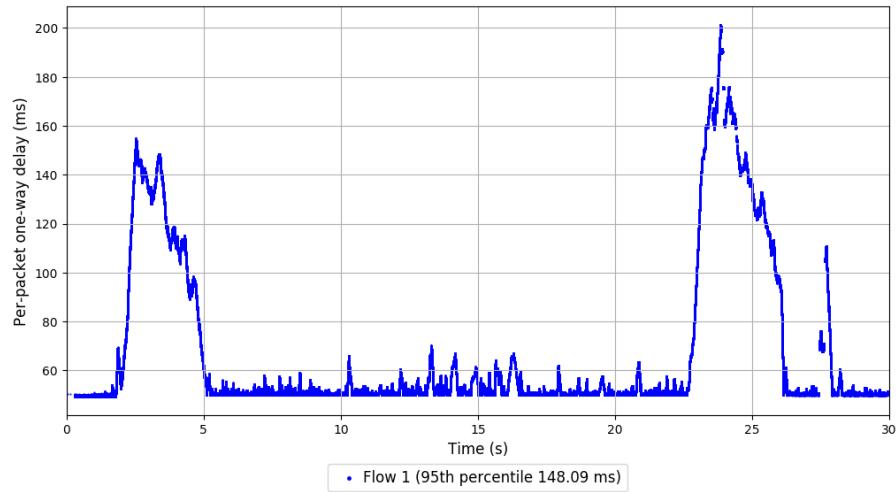
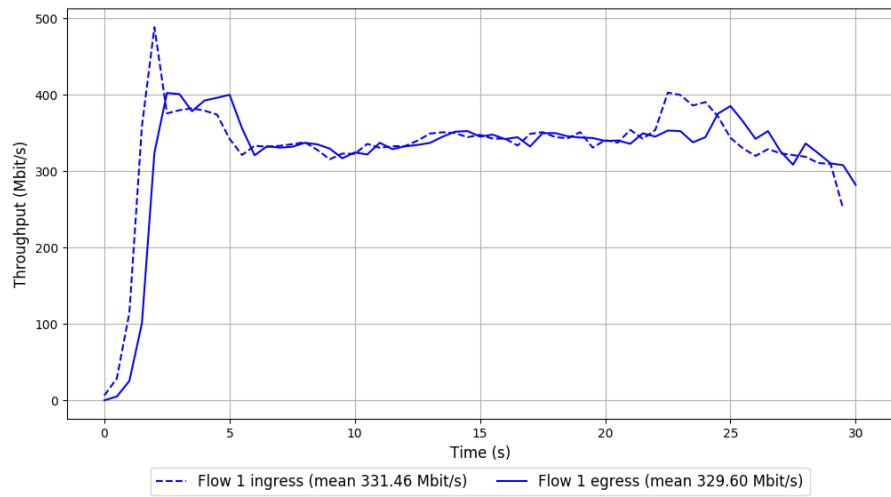


Run 4: Statistics of PCC-Expr

```
Start at: 2018-08-03 05:58:33
End at: 2018-08-03 05:59:03
Local clock offset: 0.496 ms
Remote clock offset: -0.027 ms

# Below is generated by plot.py at 2018-08-03 10:05:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 329.60 Mbit/s
95th percentile per-packet one-way delay: 148.091 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 329.60 Mbit/s
95th percentile per-packet one-way delay: 148.091 ms
Loss rate: 0.56%
```

Run 4: Report of PCC-Expr — Data Link

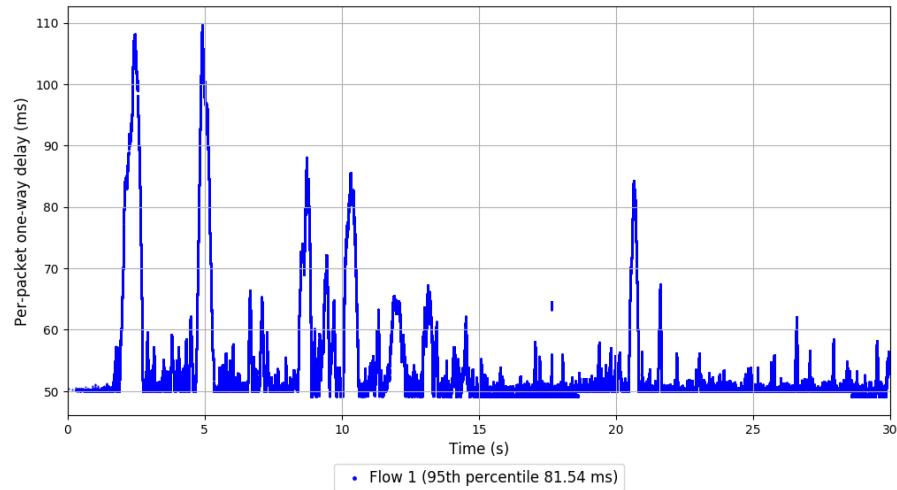
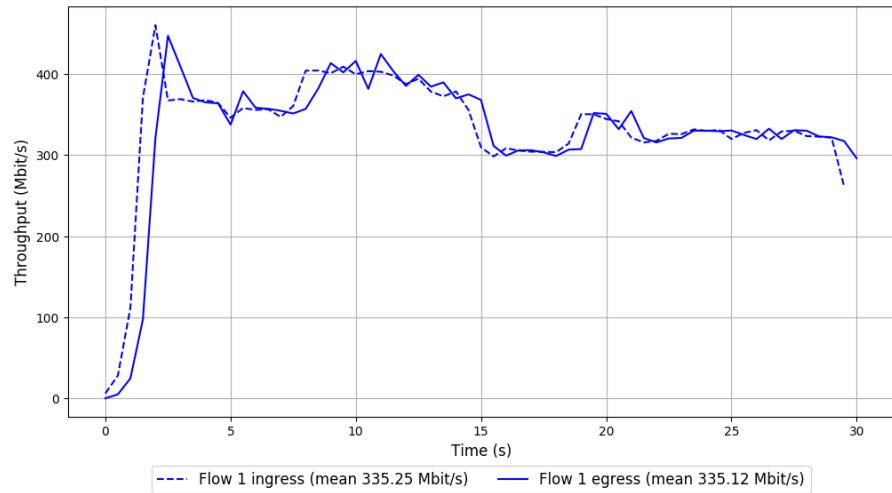


Run 5: Statistics of PCC-Expr

```
Start at: 2018-08-03 06:20:59
End at: 2018-08-03 06:21:29
Local clock offset: 0.503 ms
Remote clock offset: 0.031 ms

# Below is generated by plot.py at 2018-08-03 10:05:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 335.12 Mbit/s
95th percentile per-packet one-way delay: 81.538 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 335.12 Mbit/s
95th percentile per-packet one-way delay: 81.538 ms
Loss rate: 0.03%
```

Run 5: Report of PCC-Expr — Data Link

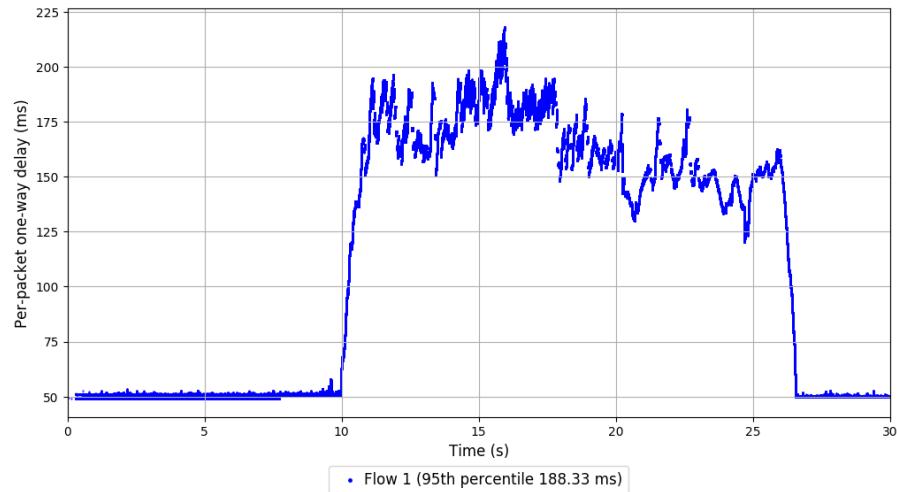
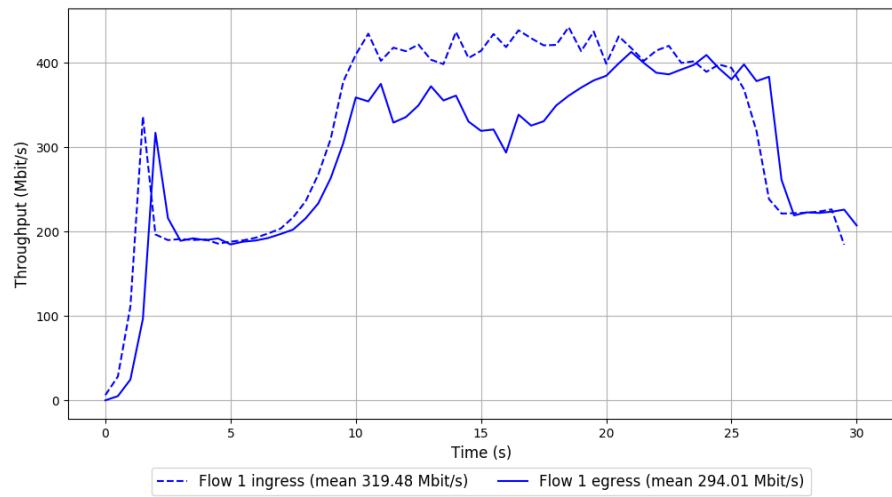


Run 6: Statistics of PCC-Expr

```
Start at: 2018-08-03 06:43:30
End at: 2018-08-03 06:44:00
Local clock offset: -0.257 ms
Remote clock offset: 0.1 ms

# Below is generated by plot.py at 2018-08-03 10:07:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 294.01 Mbit/s
95th percentile per-packet one-way delay: 188.333 ms
Loss rate: 7.97%
-- Flow 1:
Average throughput: 294.01 Mbit/s
95th percentile per-packet one-way delay: 188.333 ms
Loss rate: 7.97%
```

Run 6: Report of PCC-Expr — Data Link

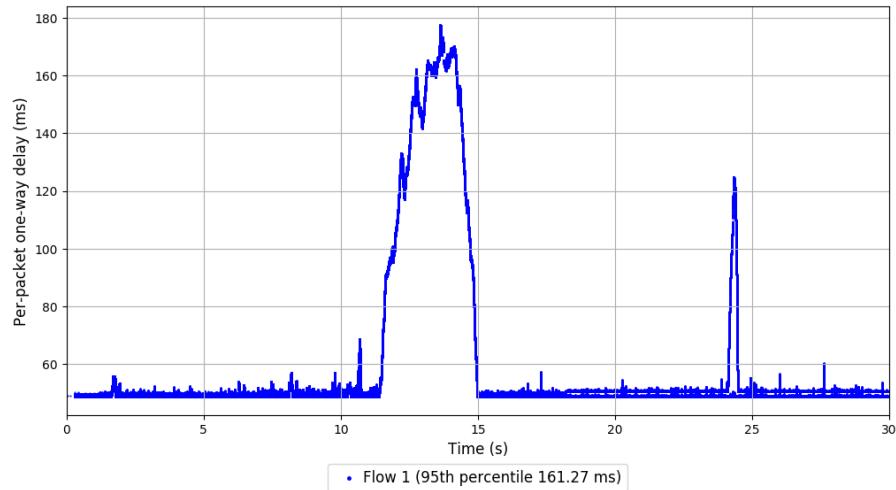
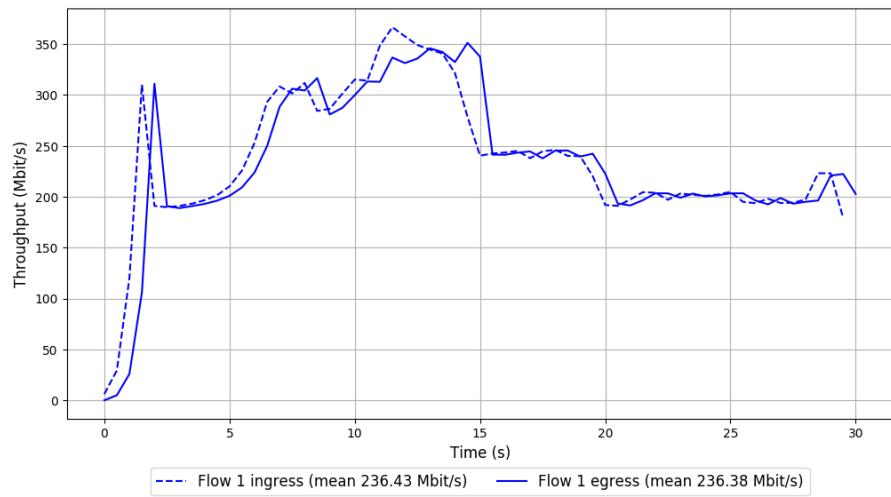


Run 7: Statistics of PCC-Expr

```
Start at: 2018-08-03 07:05:40
End at: 2018-08-03 07:06:10
Local clock offset: 0.146 ms
Remote clock offset: -0.099 ms

# Below is generated by plot.py at 2018-08-03 10:07:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 236.38 Mbit/s
95th percentile per-packet one-way delay: 161.274 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 236.38 Mbit/s
95th percentile per-packet one-way delay: 161.274 ms
Loss rate: 0.02%
```

Run 7: Report of PCC-Expr — Data Link

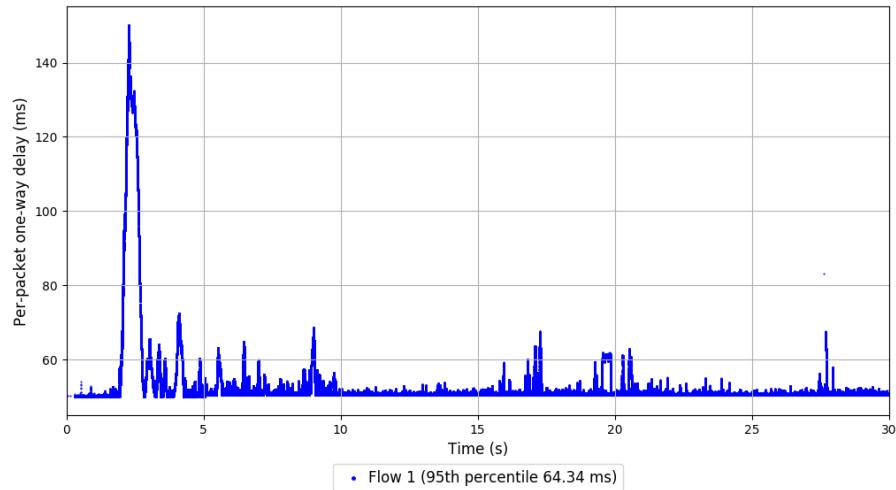
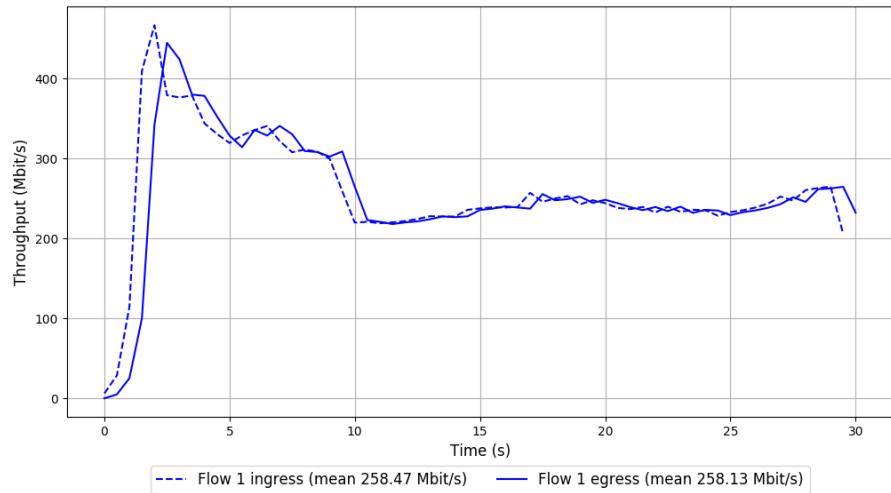


Run 8: Statistics of PCC-Expr

```
Start at: 2018-08-03 07:27:43
End at: 2018-08-03 07:28:13
Local clock offset: -0.198 ms
Remote clock offset: -0.103 ms

# Below is generated by plot.py at 2018-08-03 10:09:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 258.13 Mbit/s
95th percentile per-packet one-way delay: 64.339 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 258.13 Mbit/s
95th percentile per-packet one-way delay: 64.339 ms
Loss rate: 0.13%
```

Run 8: Report of PCC-Expr — Data Link

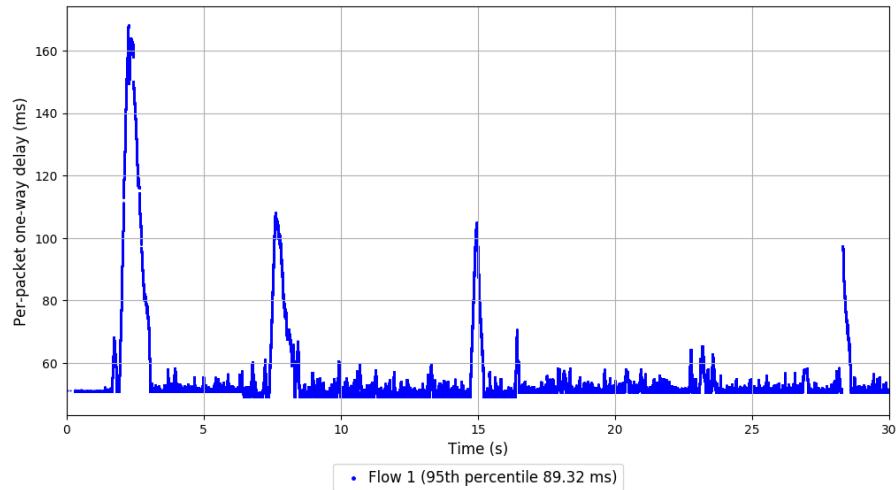
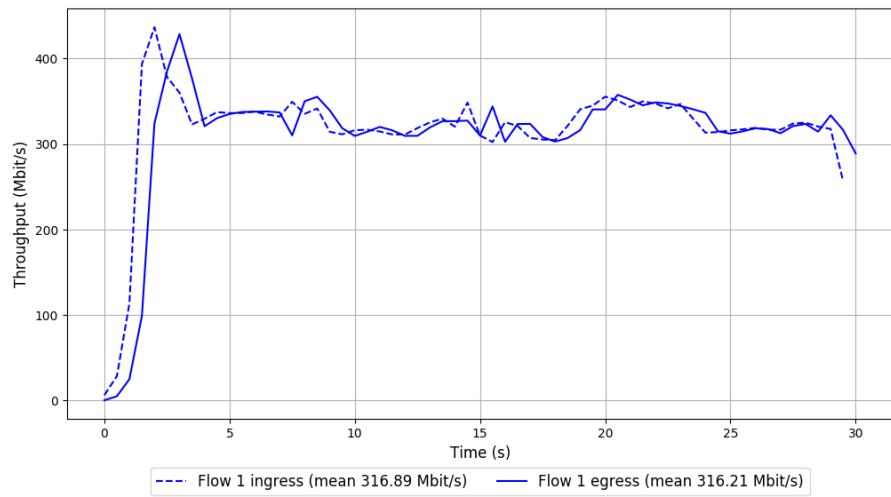


Run 9: Statistics of PCC-Expr

```
Start at: 2018-08-03 07:49:51
End at: 2018-08-03 07:50:22
Local clock offset: -0.385 ms
Remote clock offset: -0.014 ms

# Below is generated by plot.py at 2018-08-03 10:11:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 316.21 Mbit/s
95th percentile per-packet one-way delay: 89.322 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 316.21 Mbit/s
95th percentile per-packet one-way delay: 89.322 ms
Loss rate: 0.21%
```

Run 9: Report of PCC-Expr — Data Link

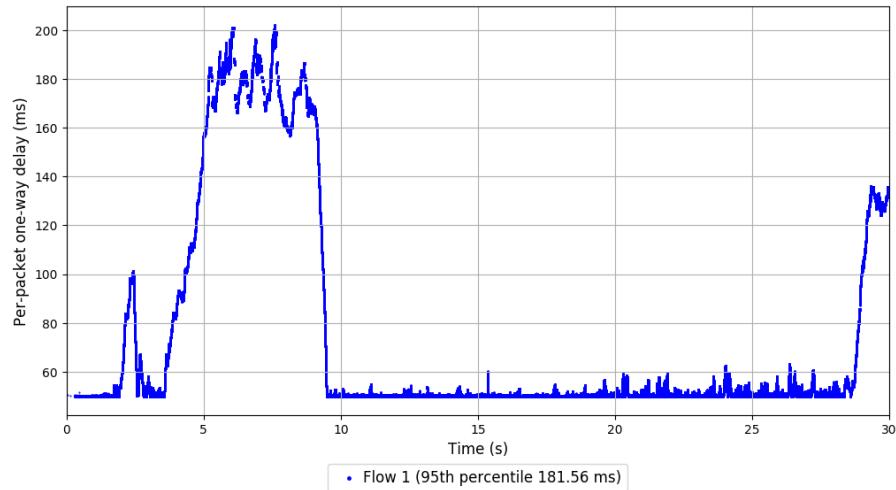
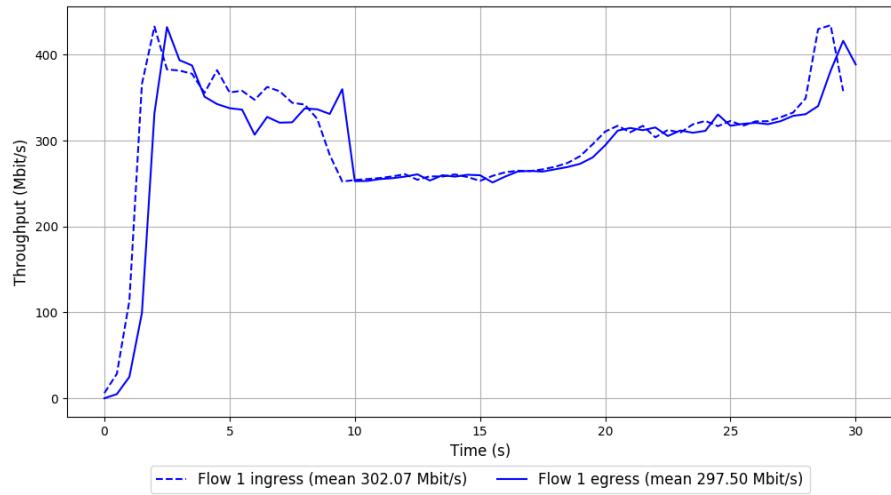


```
Run 10: Statistics of PCC-Expr
```

```
Start at: 2018-08-03 08:12:14
End at: 2018-08-03 08:12:44
Local clock offset: 0.401 ms
Remote clock offset: -0.033 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 297.50 Mbit/s
95th percentile per-packet one-way delay: 181.560 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 297.50 Mbit/s
95th percentile per-packet one-way delay: 181.560 ms
Loss rate: 1.51%
```

Run 10: Report of PCC-Expr — Data Link

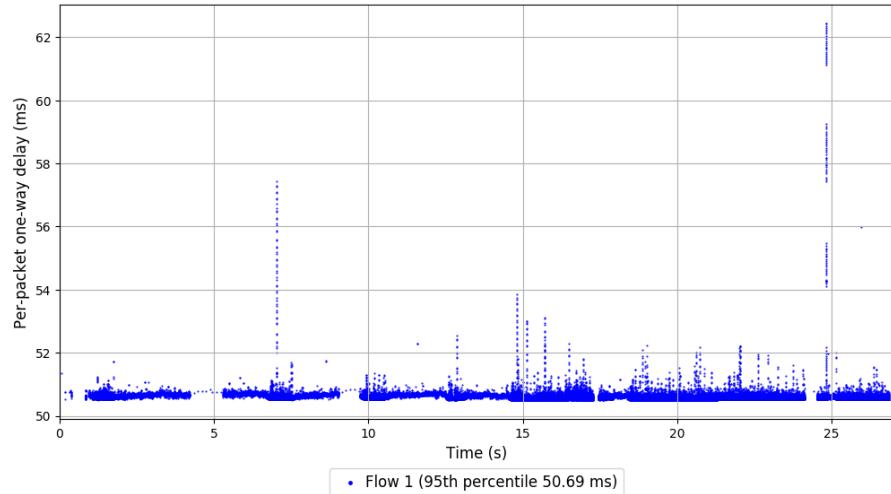
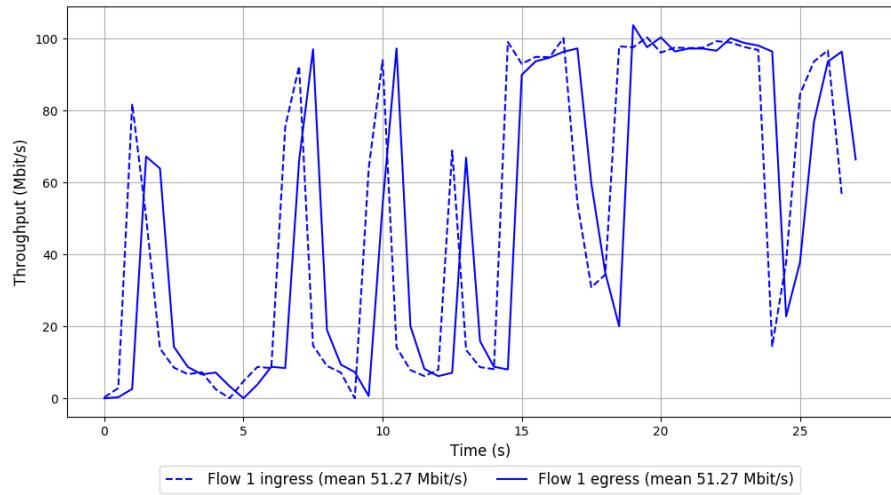


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-08-03 04:54:13
End at: 2018-08-03 04:54:43
Local clock offset: -0.252 ms
Remote clock offset: -0.046 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.27 Mbit/s
95th percentile per-packet one-way delay: 50.691 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.27 Mbit/s
95th percentile per-packet one-way delay: 50.691 ms
Loss rate: 0.00%
```

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

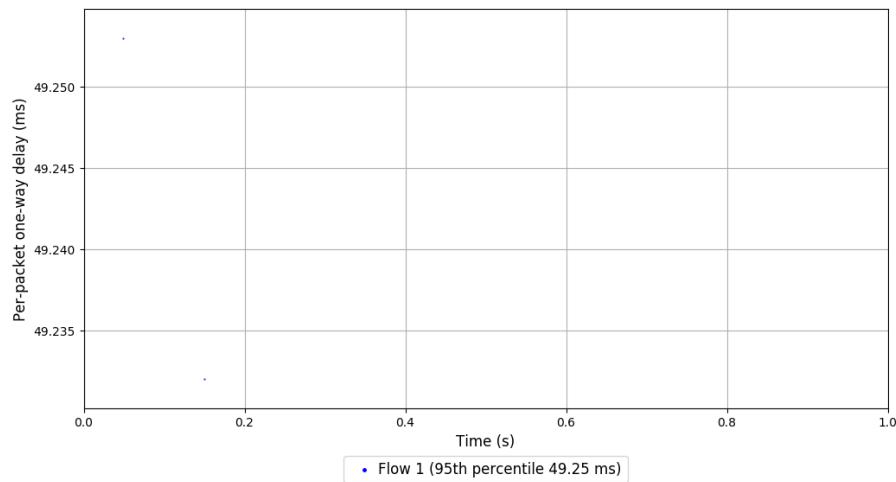
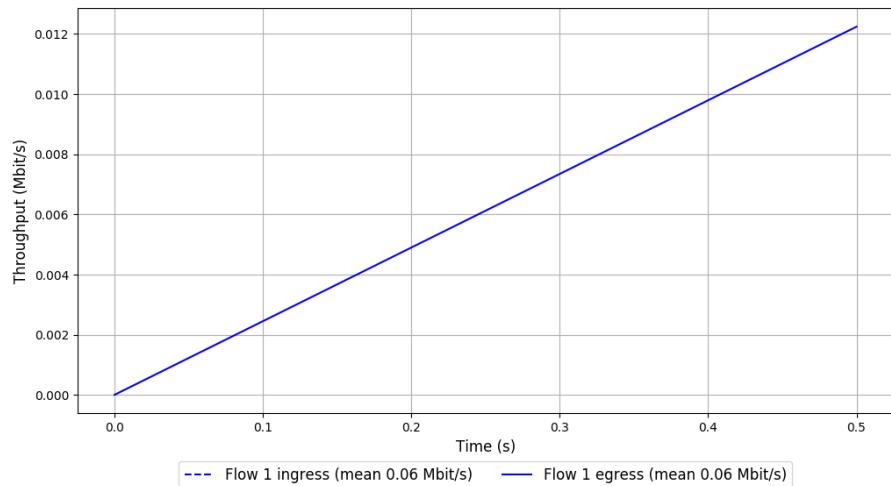
Start at: 2018-08-03 05:16:34

End at: 2018-08-03 05:17:04

Local clock offset: 0.389 ms

Remote clock offset: -0.07 ms

Run 2: Report of QUIC Cubic — Data Link

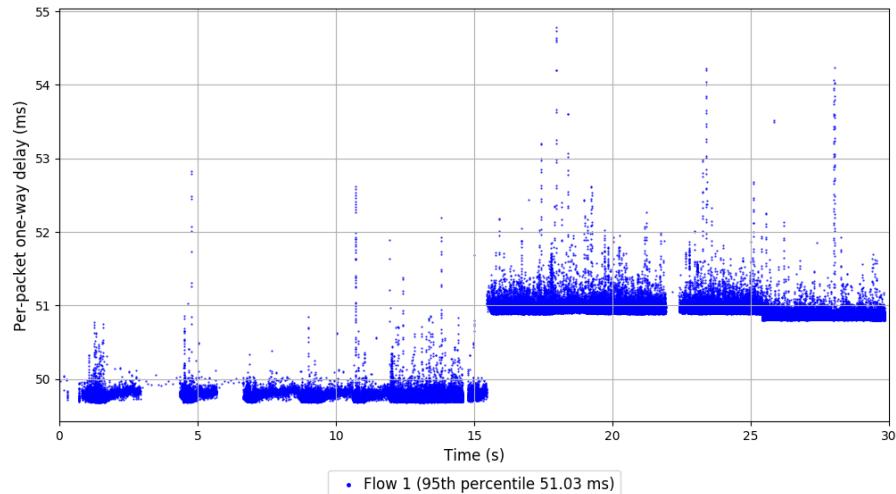
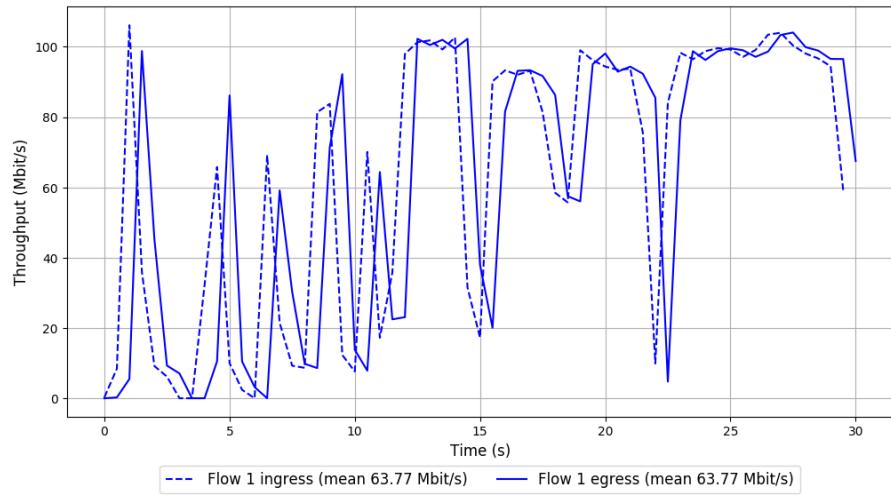


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-08-03 05:39:02
End at: 2018-08-03 05:39:32
Local clock offset: -0.307 ms
Remote clock offset: -0.054 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.77 Mbit/s
95th percentile per-packet one-way delay: 51.031 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.77 Mbit/s
95th percentile per-packet one-way delay: 51.031 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

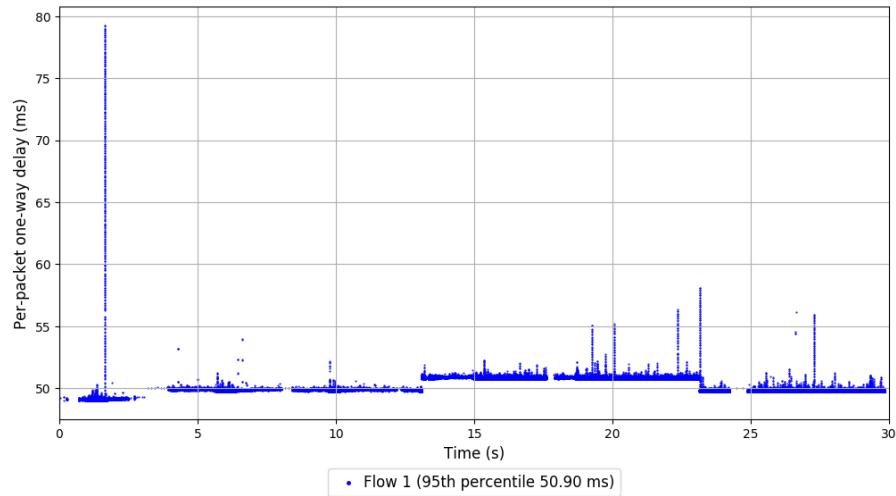
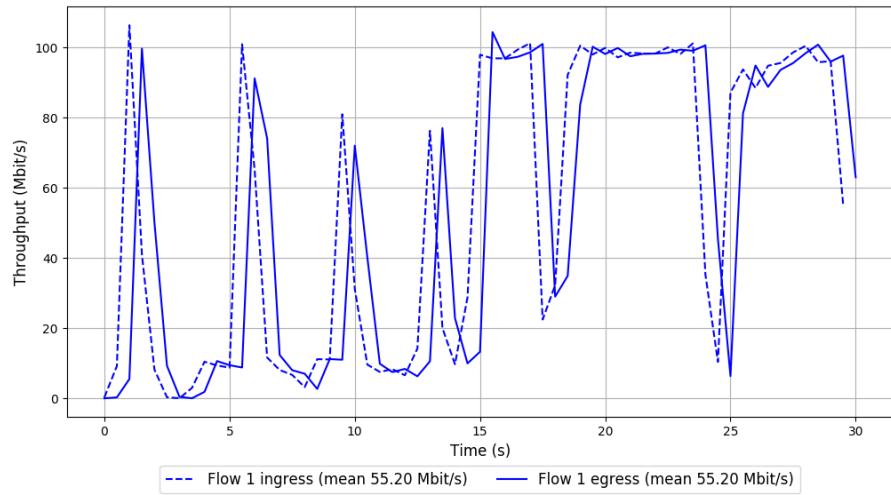


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-08-03 06:01:35
End at: 2018-08-03 06:02:05
Local clock offset: -0.183 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.20 Mbit/s
95th percentile per-packet one-way delay: 50.901 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.20 Mbit/s
95th percentile per-packet one-way delay: 50.901 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link

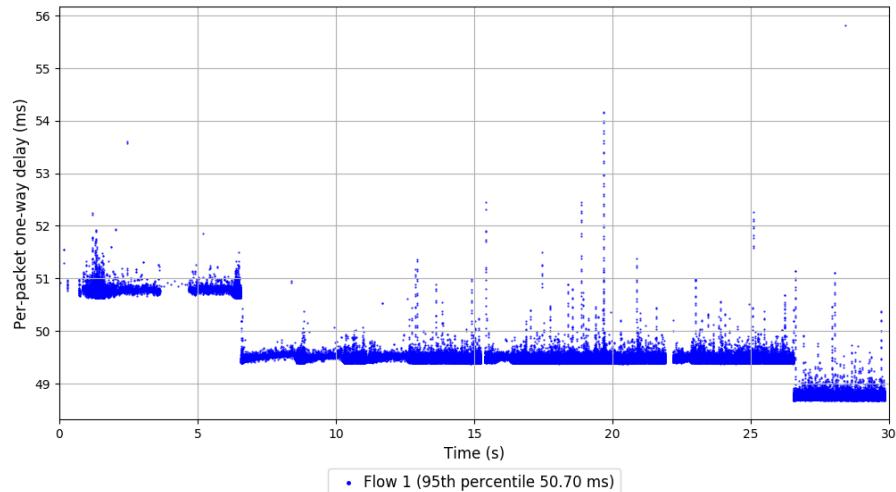
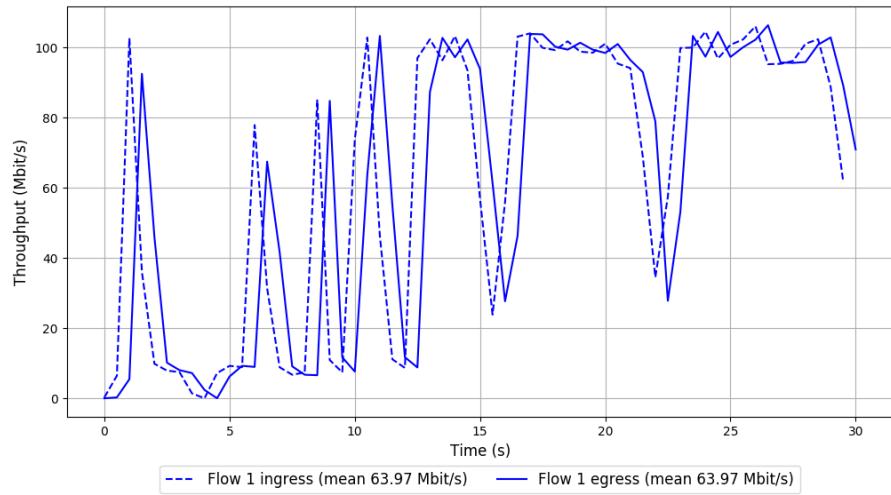


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-08-03 06:24:01
End at: 2018-08-03 06:24:31
Local clock offset: 0.125 ms
Remote clock offset: 0.007 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.97 Mbit/s
95th percentile per-packet one-way delay: 50.704 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.97 Mbit/s
95th percentile per-packet one-way delay: 50.704 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link

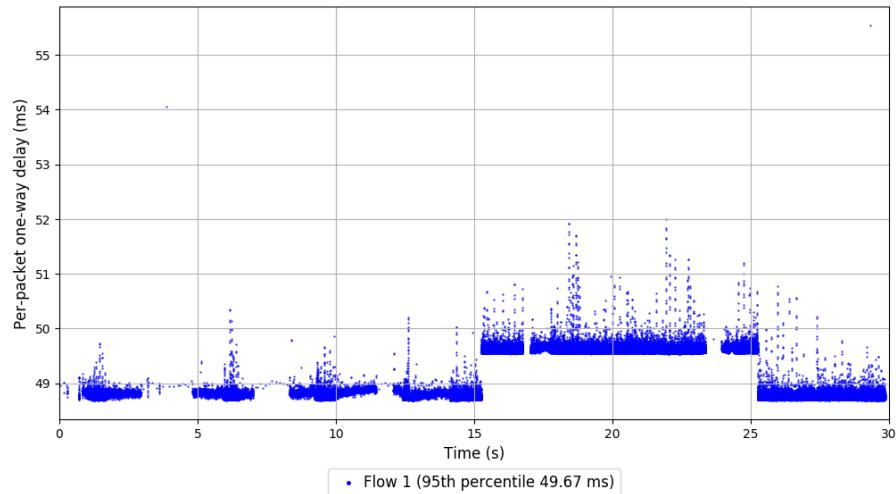
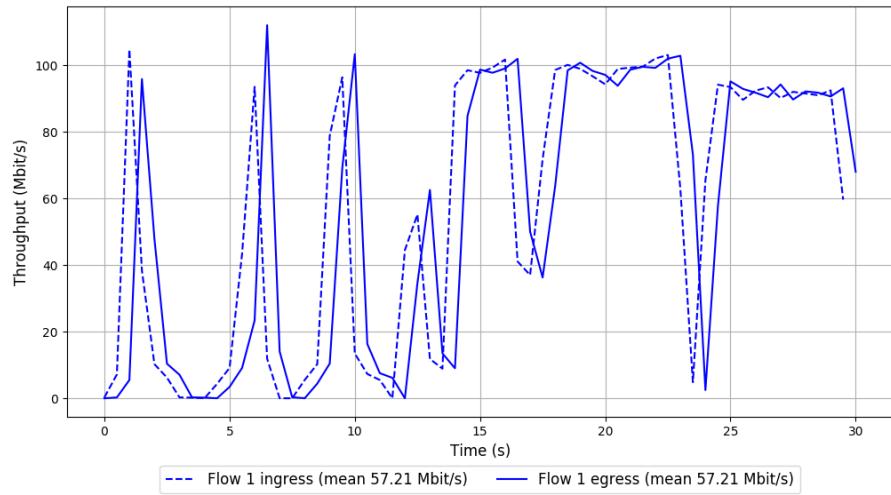


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-08-03 06:46:23
End at: 2018-08-03 06:46:53
Local clock offset: 0.061 ms
Remote clock offset: 0.074 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.21 Mbit/s
95th percentile per-packet one-way delay: 49.675 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.21 Mbit/s
95th percentile per-packet one-way delay: 49.675 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

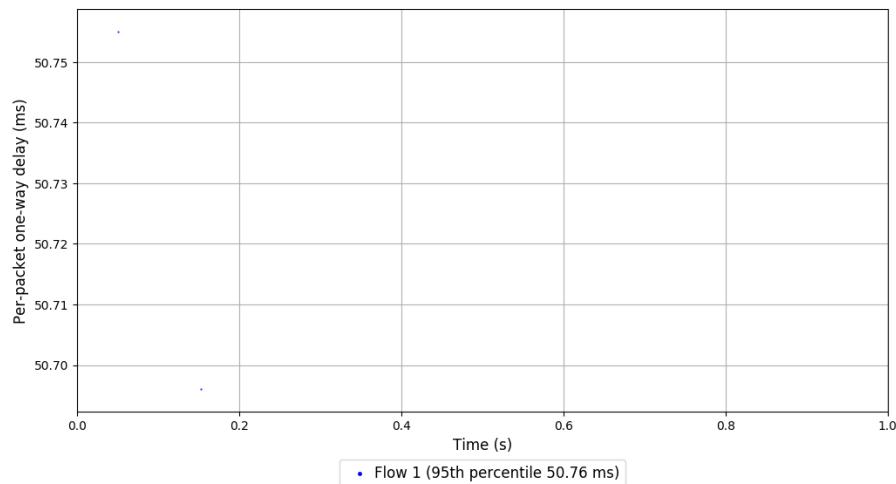
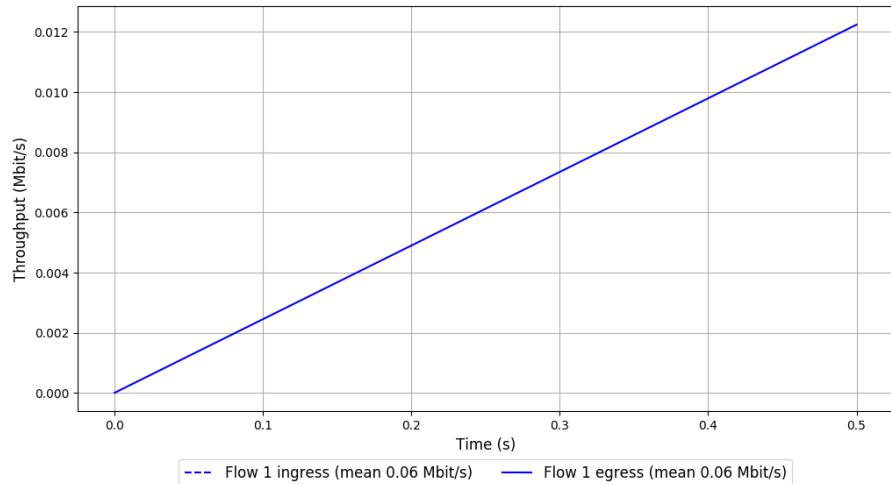
Start at: 2018-08-03 07:08:34

End at: 2018-08-03 07:09:04

Local clock offset: 0.132 ms

Remote clock offset: -0.117 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

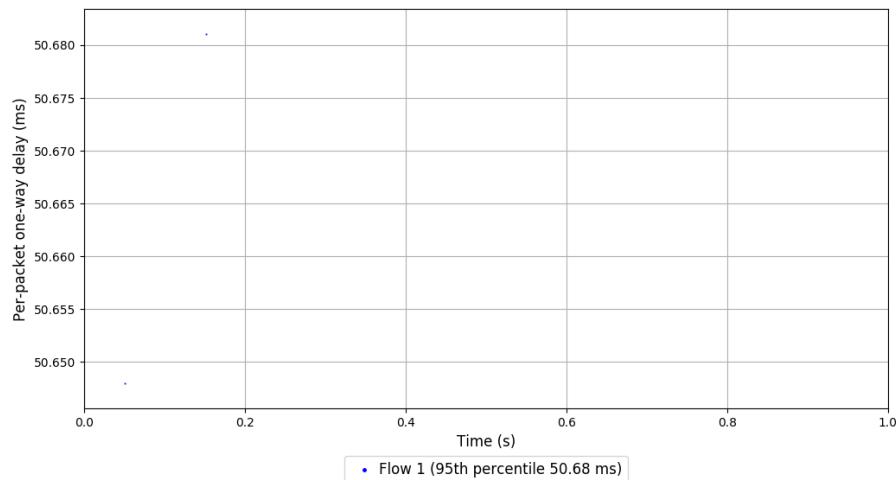
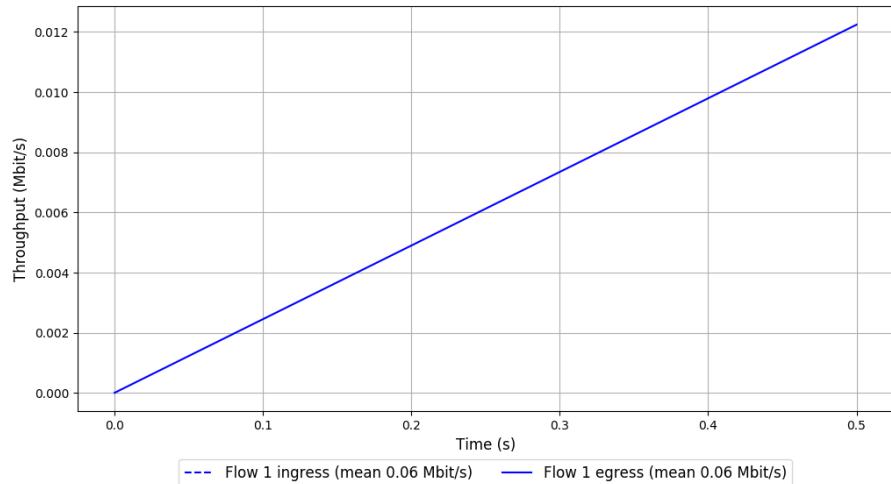
Start at: 2018-08-03 07:30:38

End at: 2018-08-03 07:31:08

Local clock offset: -0.252 ms

Remote clock offset: -0.135 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

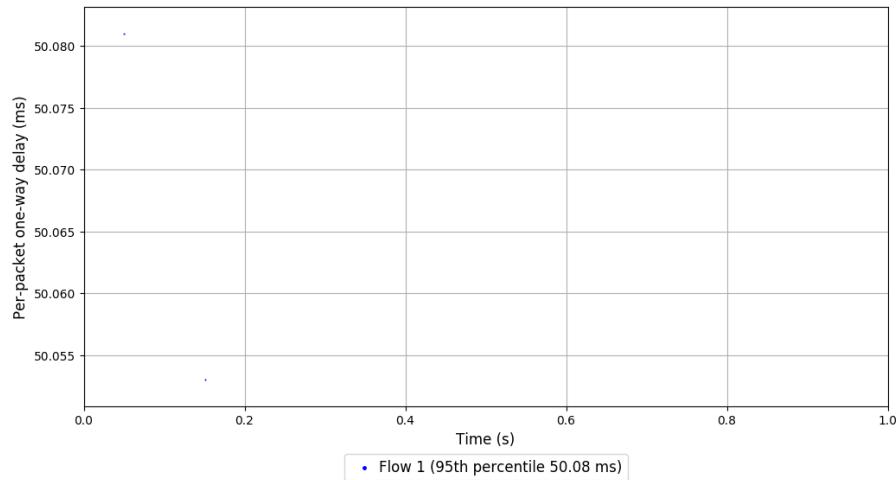
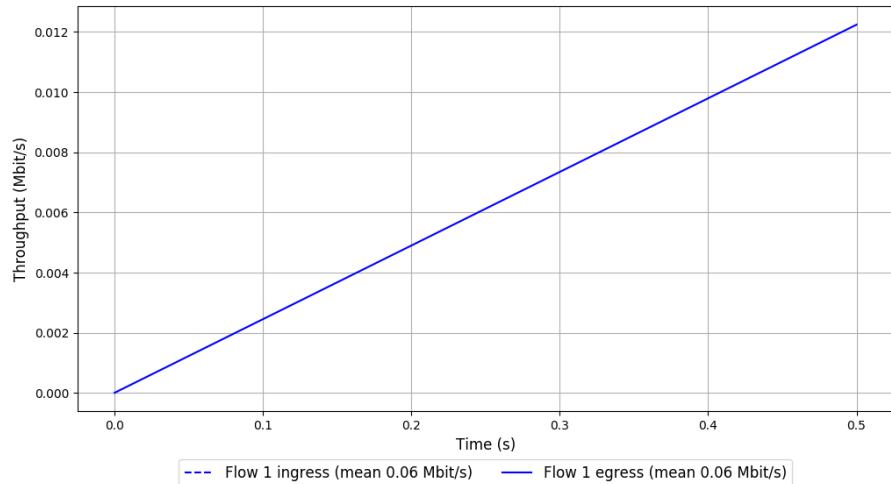
Start at: 2018-08-03 07:52:55

End at: 2018-08-03 07:53:25

Local clock offset: 0.352 ms

Remote clock offset: -0.02 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

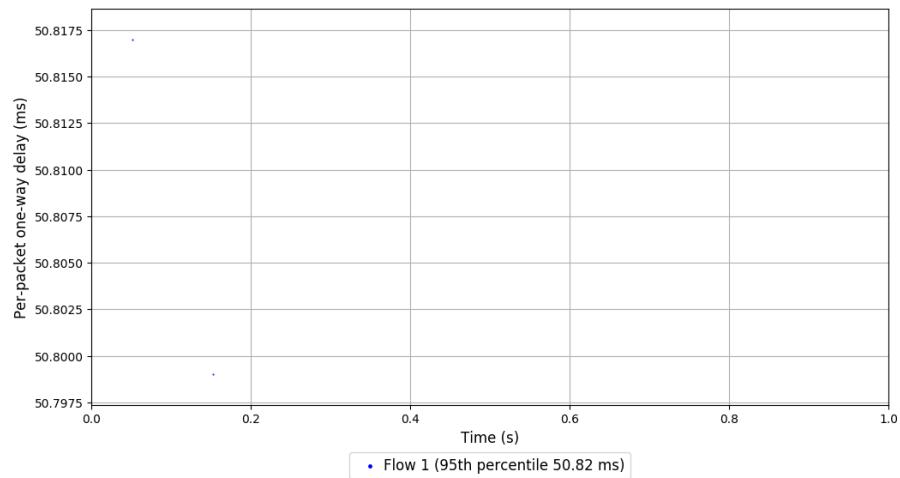
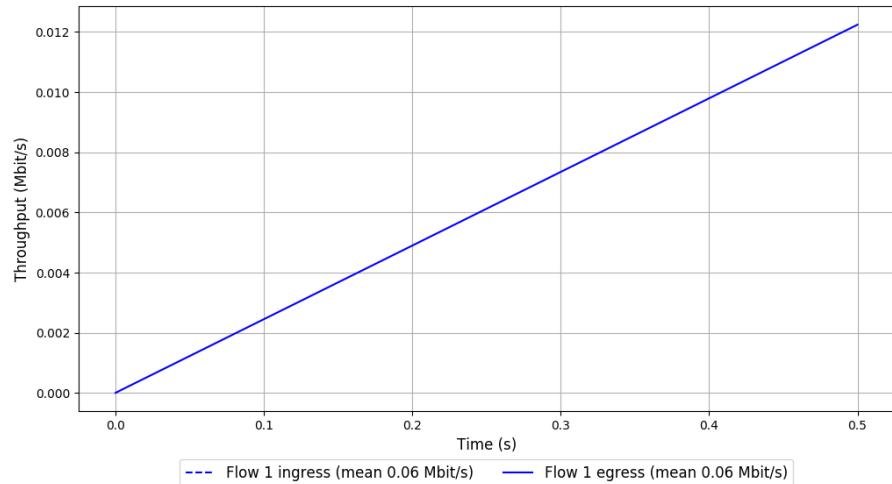
Start at: 2018-08-03 08:15:08

End at: 2018-08-03 08:15:38

Local clock offset: 0.082 ms

Remote clock offset: -0.05 ms

Run 10: Report of QUIC Cubic — Data Link

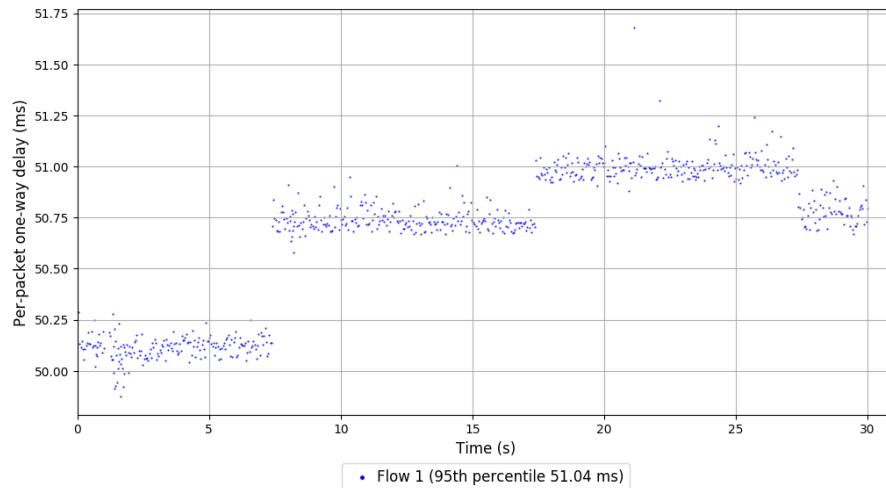
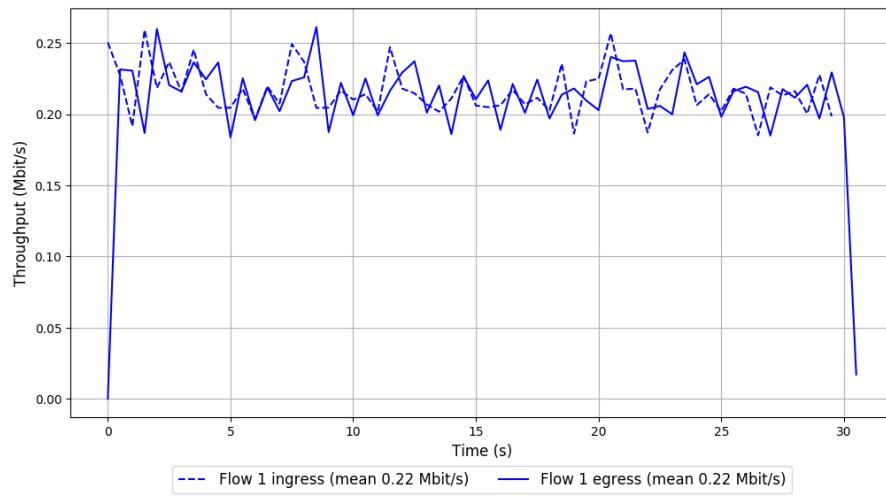


Run 1: Statistics of SCReAM

```
Start at: 2018-08-03 04:43:21
End at: 2018-08-03 04:43:51
Local clock offset: -0.198 ms
Remote clock offset: 0.014 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.038 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.038 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

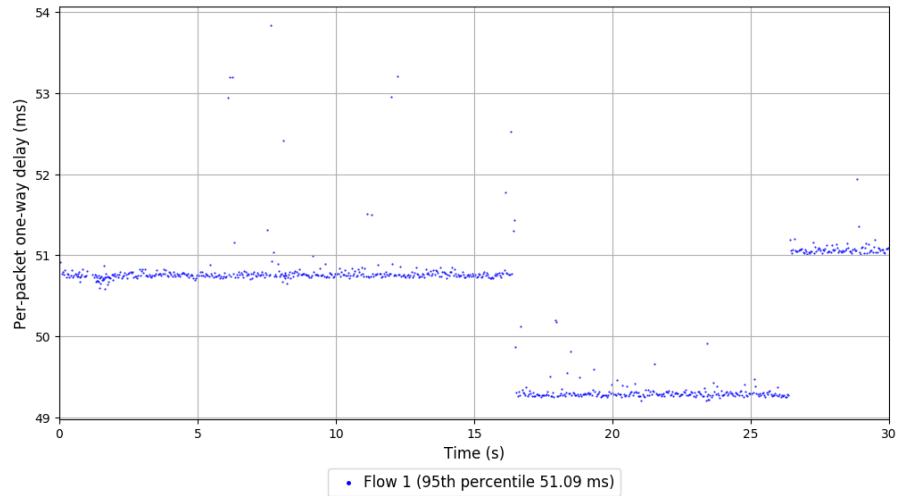
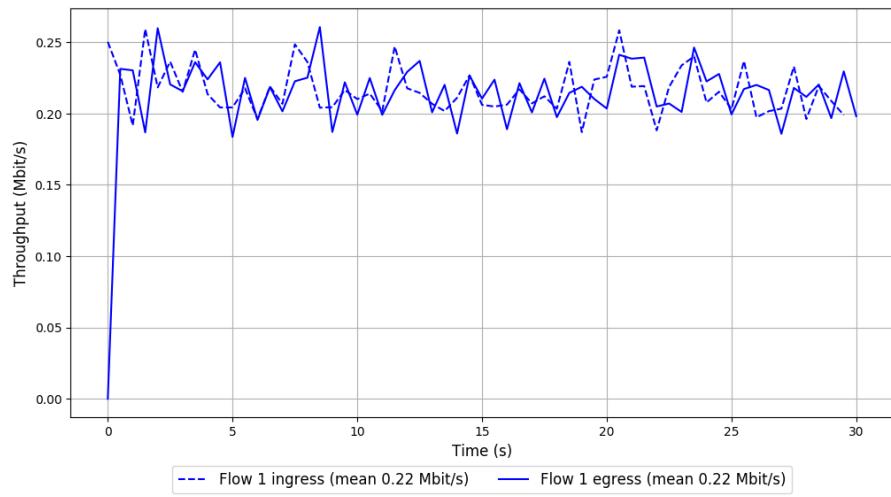


Run 2: Statistics of SCReAM

```
Start at: 2018-08-03 05:05:31
End at: 2018-08-03 05:06:02
Local clock offset: -0.303 ms
Remote clock offset: -0.082 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.085 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.085 ms
Loss rate: 0.13%
```

Run 2: Report of SCReAM — Data Link

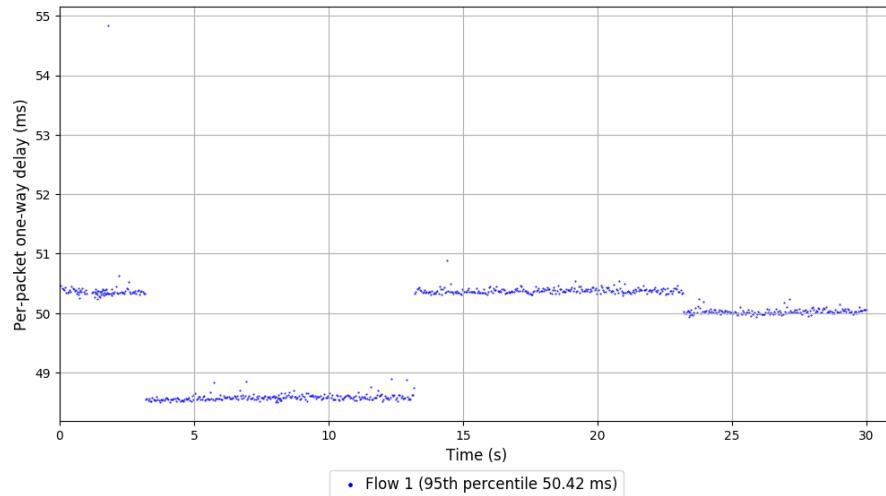
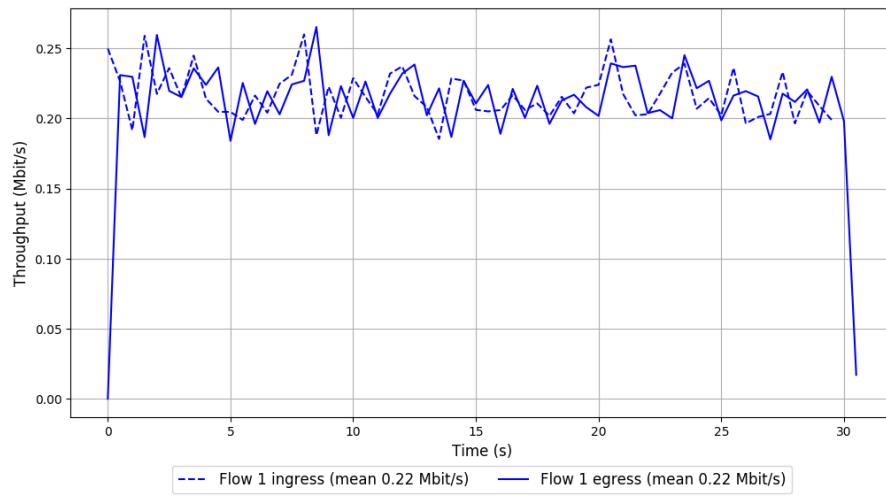


Run 3: Statistics of SCReAM

```
Start at: 2018-08-03 05:27:55
End at: 2018-08-03 05:28:25
Local clock offset: 0.346 ms
Remote clock offset: -0.076 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.424 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.424 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

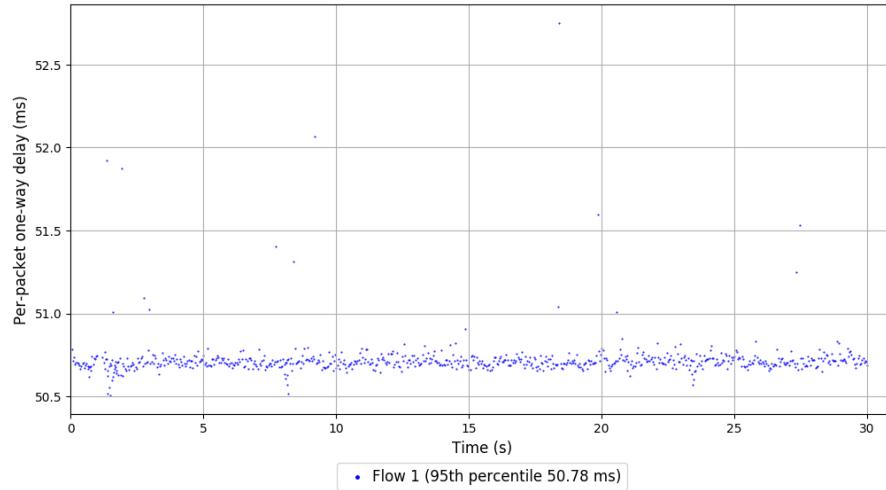
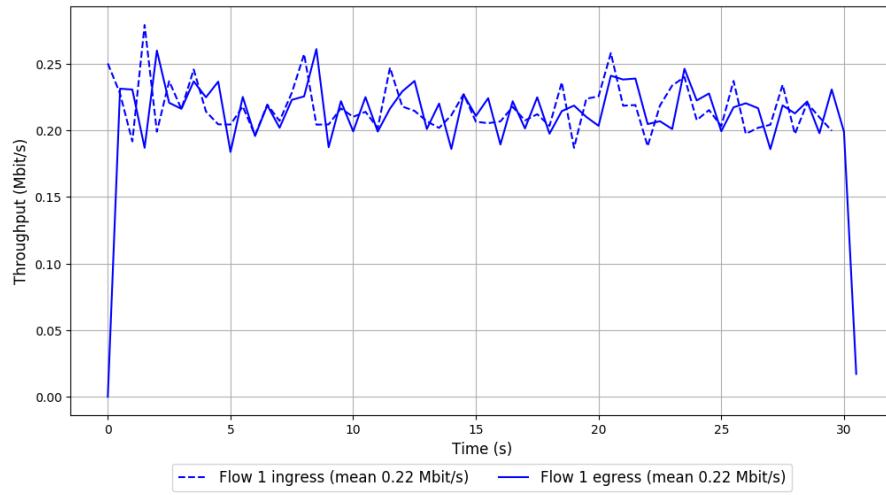


Run 4: Statistics of SCReAM

```
Start at: 2018-08-03 05:50:37
End at: 2018-08-03 05:51:07
Local clock offset: 0.071 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.783 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.783 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

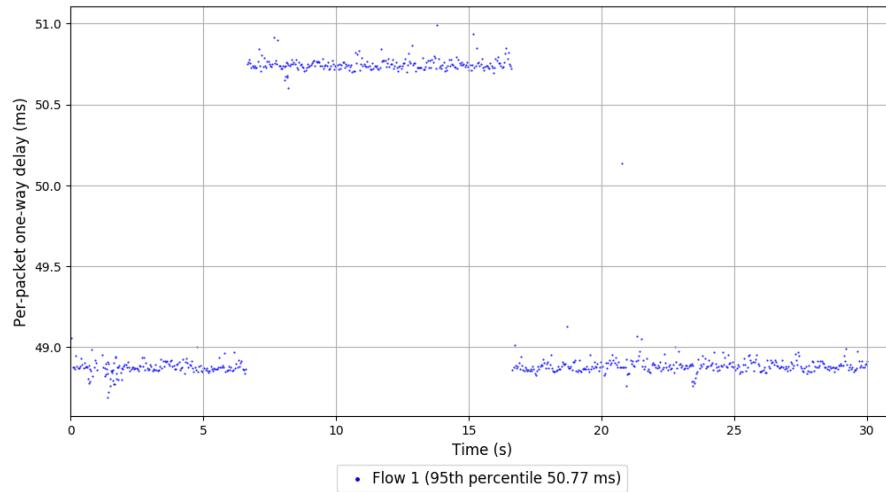
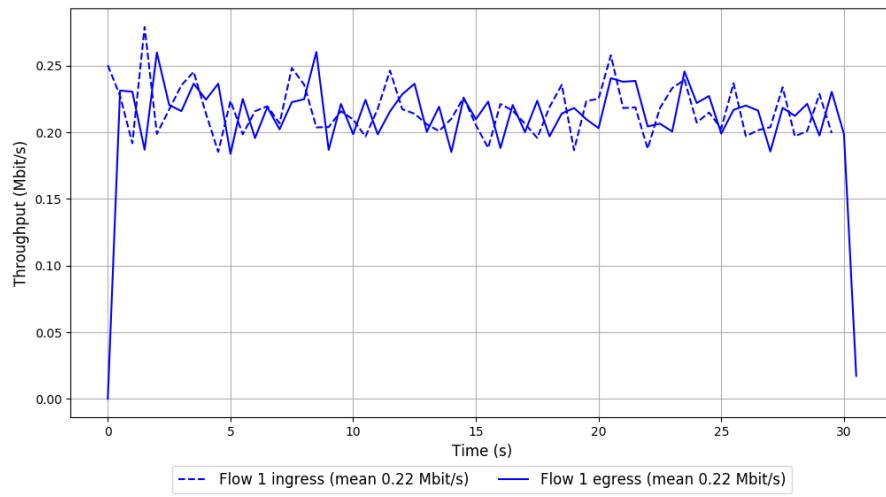


Run 5: Statistics of SCReAM

```
Start at: 2018-08-03 06:13:01
End at: 2018-08-03 06:13:31
Local clock offset: 0.204 ms
Remote clock offset: -0.057 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.773 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.773 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

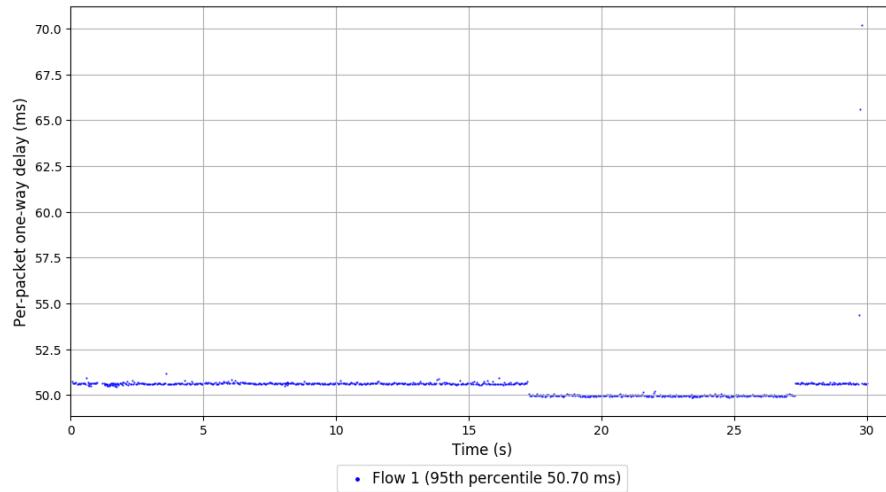
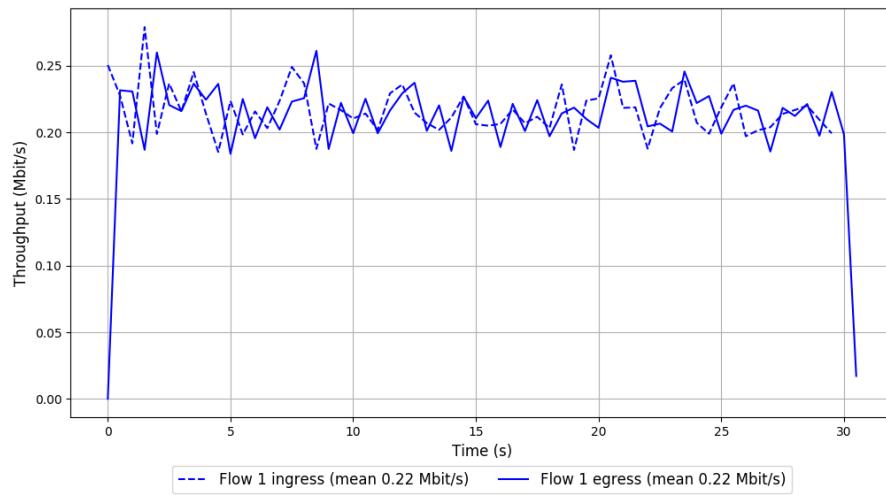


Run 6: Statistics of SCReAM

```
Start at: 2018-08-03 06:35:21
End at: 2018-08-03 06:35:51
Local clock offset: -0.231 ms
Remote clock offset: 0.051 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.700 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.700 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

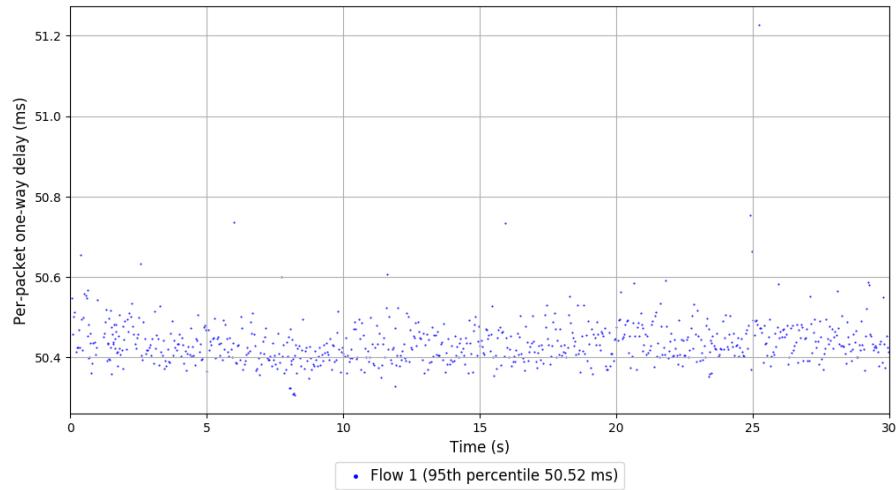
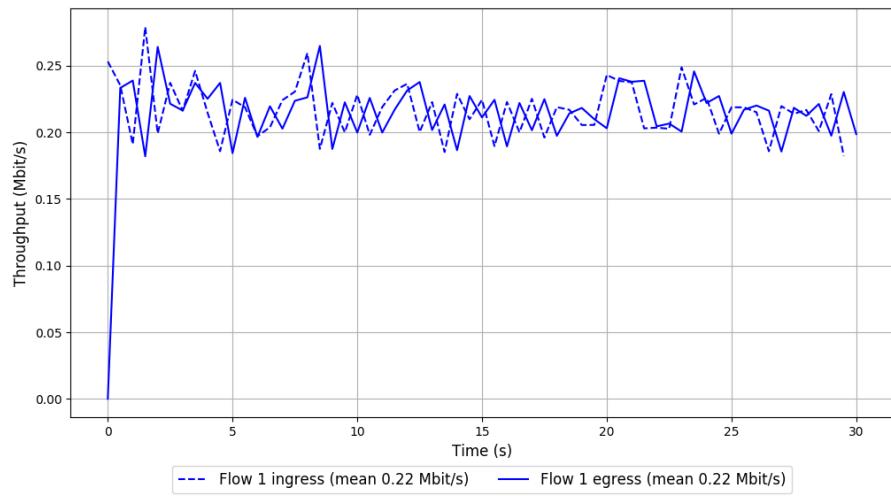


Run 7: Statistics of SCReAM

```
Start at: 2018-08-03 06:57:44
End at: 2018-08-03 06:58:14
Local clock offset: 0.124 ms
Remote clock offset: -0.017 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.515 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

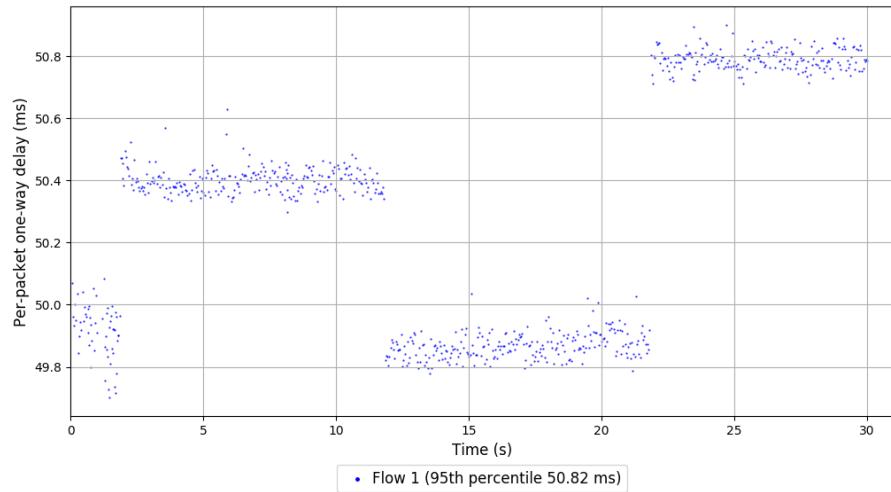
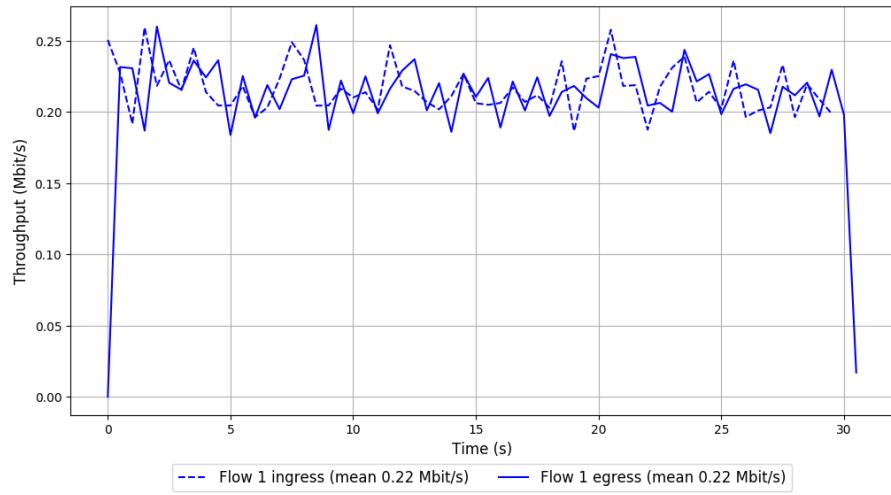


Run 8: Statistics of SCReAM

```
Start at: 2018-08-03 07:19:46
End at: 2018-08-03 07:20:16
Local clock offset: 0.165 ms
Remote clock offset: -0.136 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.822 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

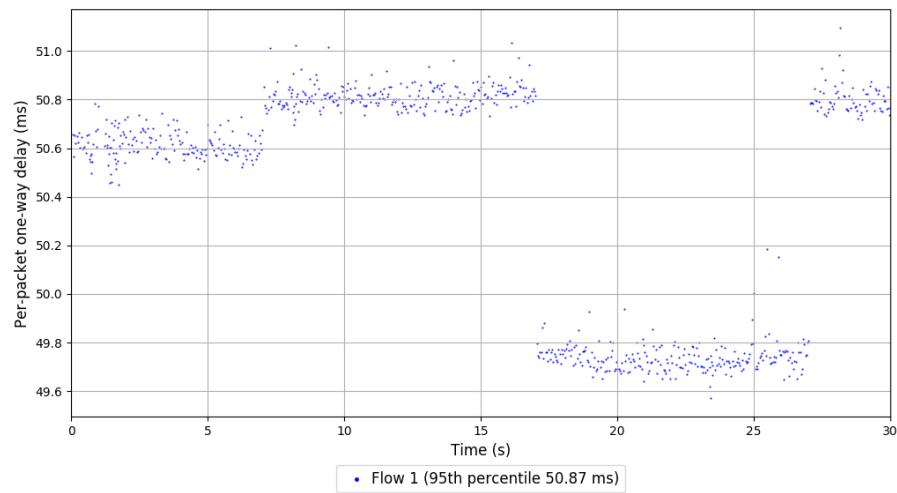
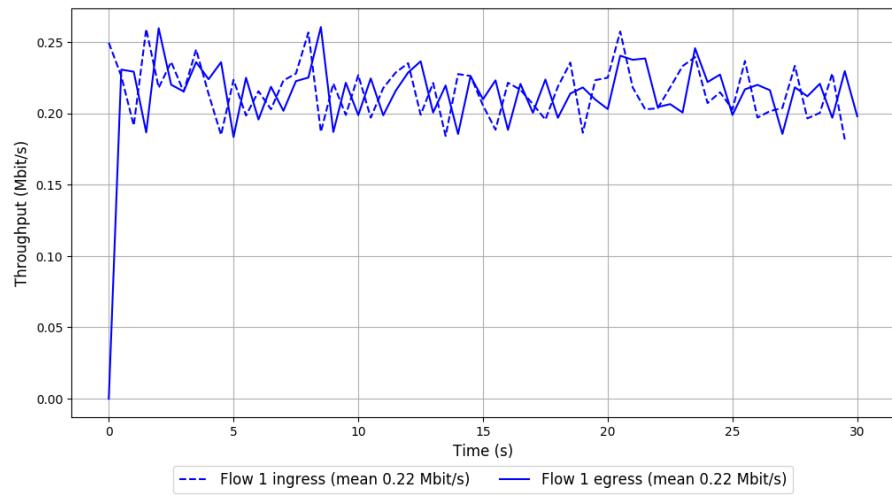


Run 9: Statistics of SCReAM

```
Start at: 2018-08-03 07:41:51
End at: 2018-08-03 07:42:21
Local clock offset: 0.057 ms
Remote clock offset: -0.026 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.868 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.868 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

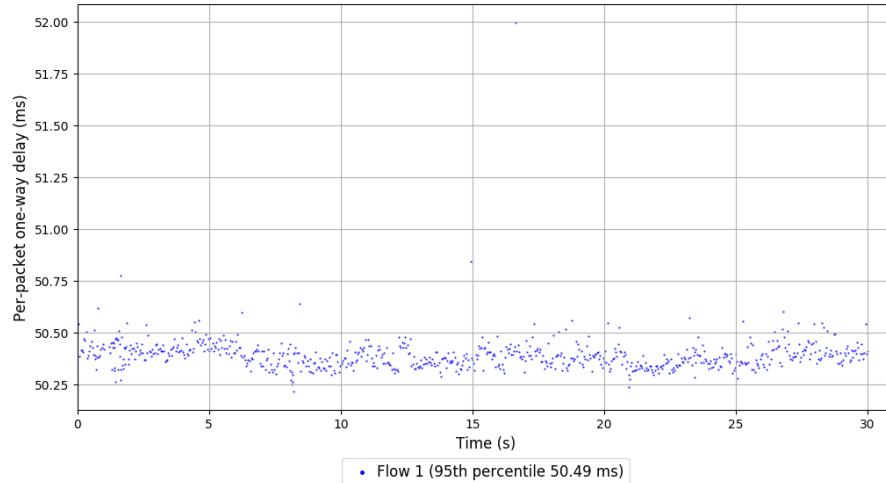
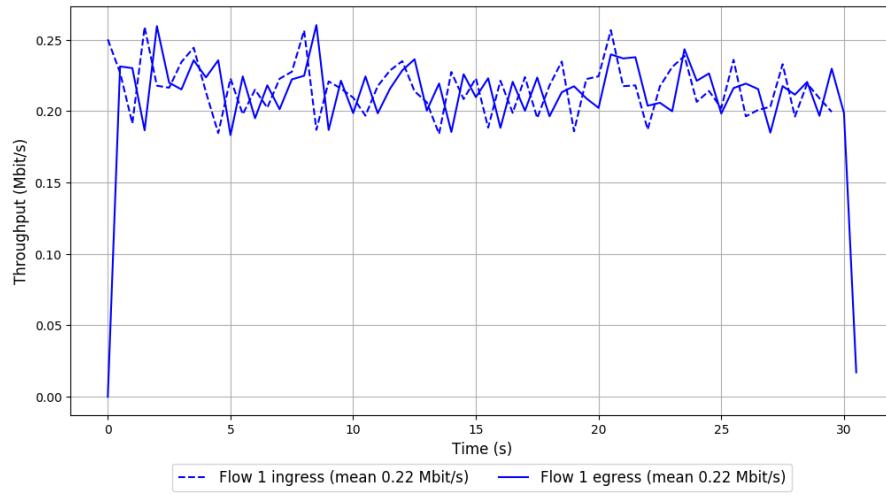


Run 10: Statistics of SCReAM

```
Start at: 2018-08-03 08:04:12
End at: 2018-08-03 08:04:42
Local clock offset: 0.069 ms
Remote clock offset: -0.03 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.488 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.488 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

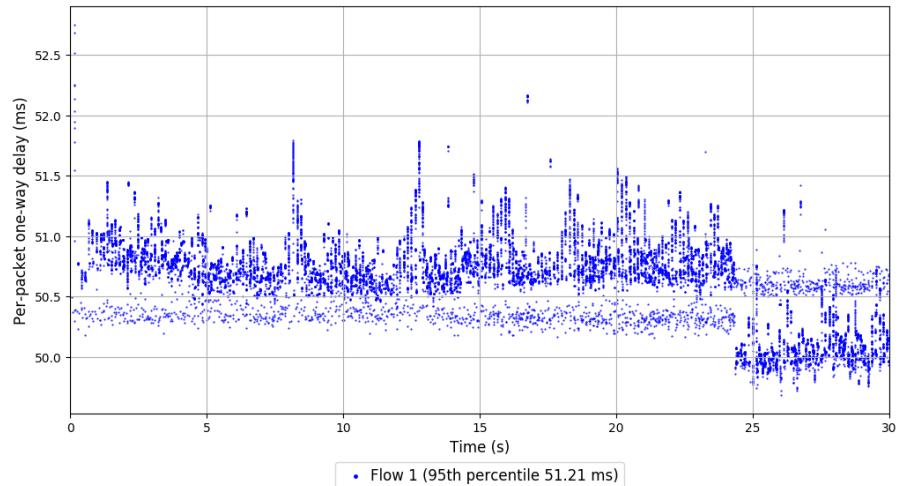
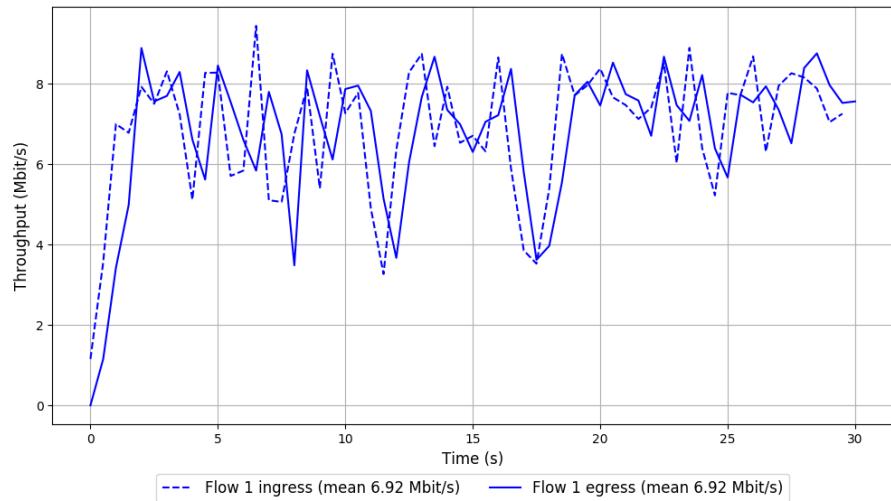


Run 1: Statistics of Sprout

```
Start at: 2018-08-03 04:56:34
End at: 2018-08-03 04:57:04
Local clock offset: 0.127 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.92 Mbit/s
95th percentile per-packet one-way delay: 51.206 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.92 Mbit/s
95th percentile per-packet one-way delay: 51.206 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

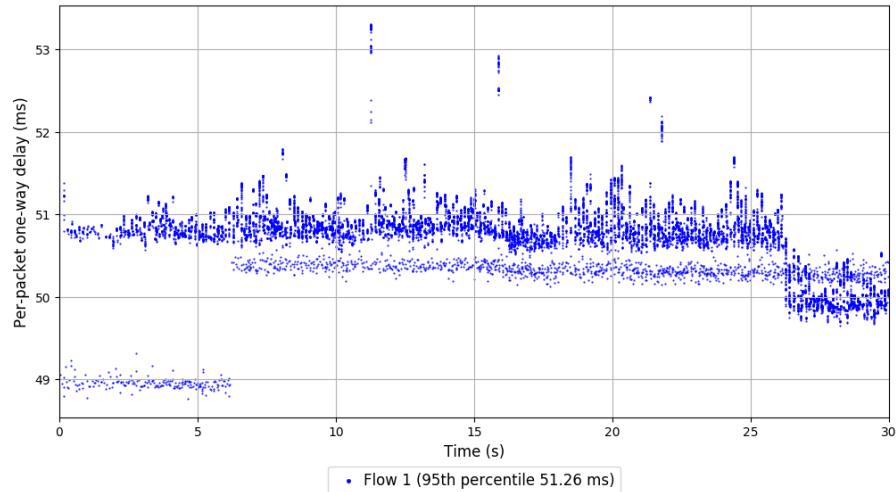
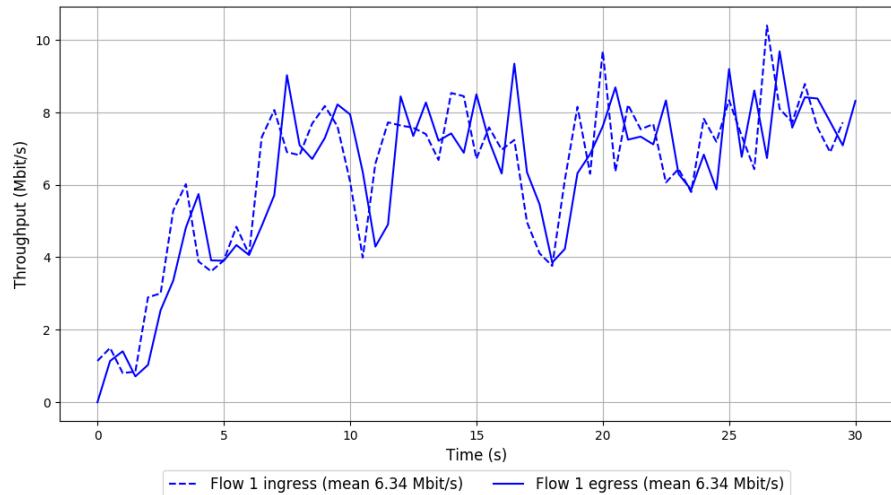


Run 2: Statistics of Sprout

```
Start at: 2018-08-03 05:18:52
End at: 2018-08-03 05:19:22
Local clock offset: -0.002 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.34 Mbit/s
95th percentile per-packet one-way delay: 51.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.34 Mbit/s
95th percentile per-packet one-way delay: 51.263 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

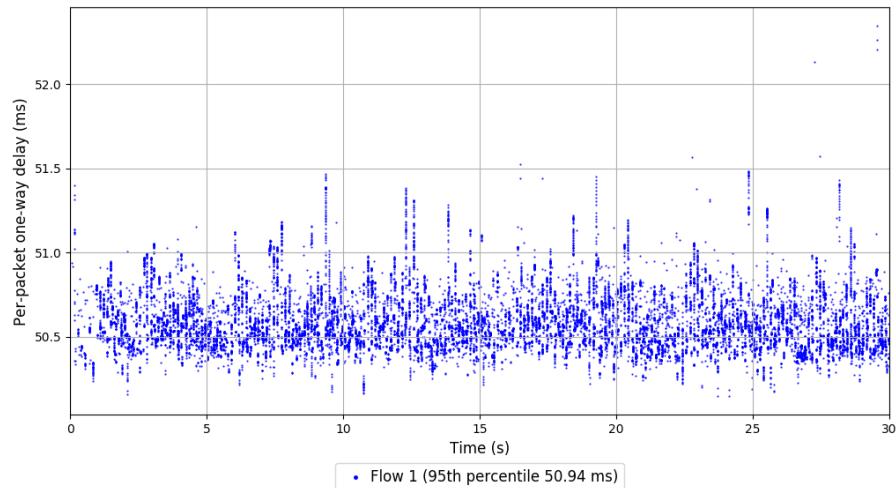
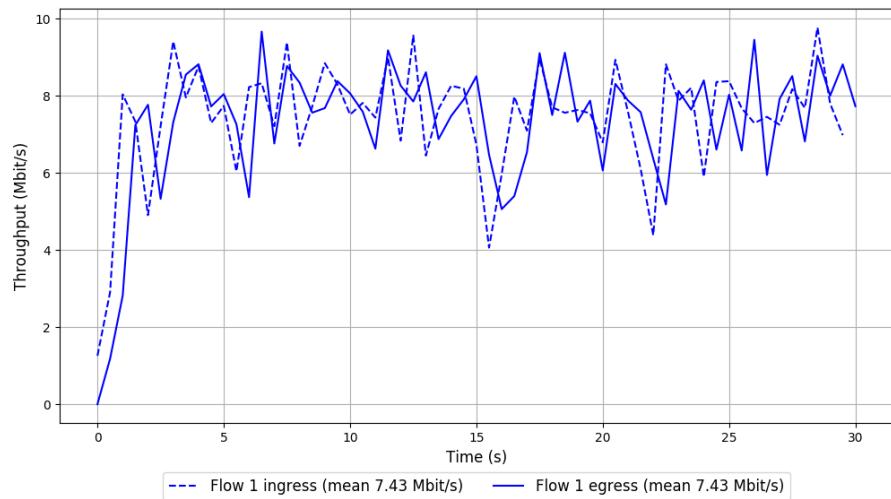


Run 3: Statistics of Sprout

```
Start at: 2018-08-03 05:41:23
End at: 2018-08-03 05:41:53
Local clock offset: -0.05 ms
Remote clock offset: -0.11 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.43 Mbit/s
95th percentile per-packet one-way delay: 50.942 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.43 Mbit/s
95th percentile per-packet one-way delay: 50.942 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

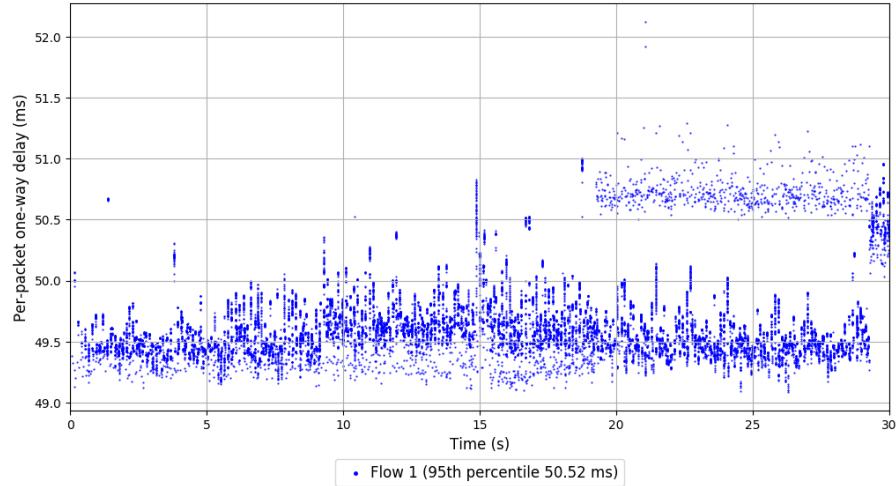
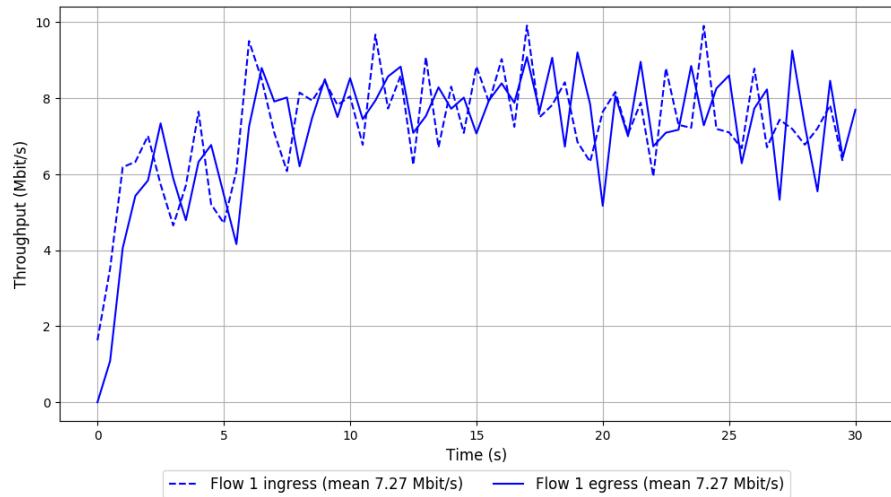


Run 4: Statistics of Sprout

```
Start at: 2018-08-03 06:03:59
End at: 2018-08-03 06:04:29
Local clock offset: 0.544 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.27 Mbit/s
95th percentile per-packet one-way delay: 50.519 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.27 Mbit/s
95th percentile per-packet one-way delay: 50.519 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

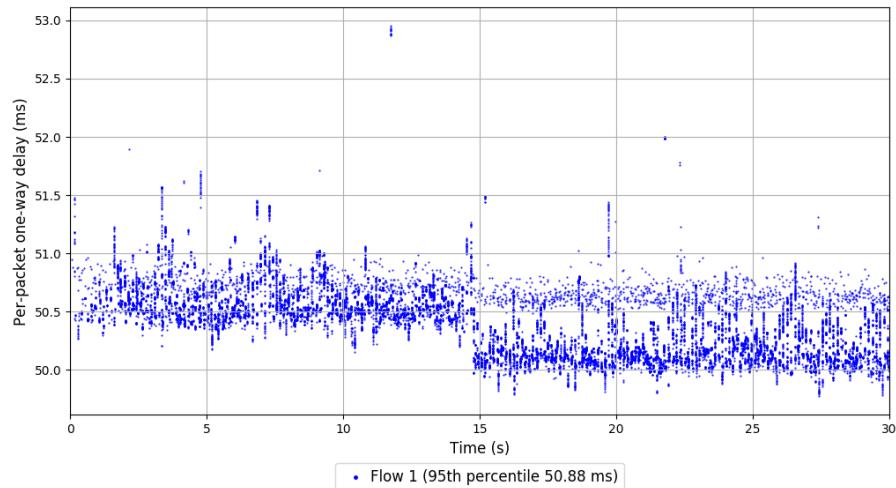
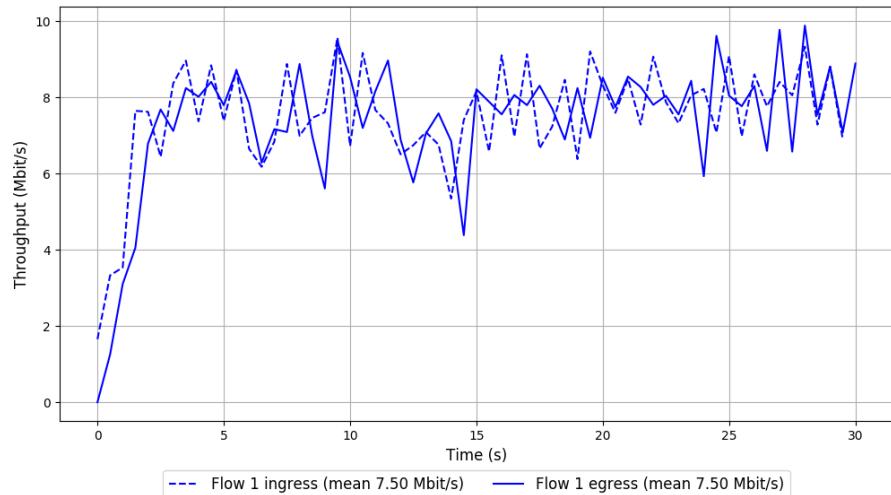


Run 5: Statistics of Sprout

```
Start at: 2018-08-03 06:26:23
End at: 2018-08-03 06:26:53
Local clock offset: -0.214 ms
Remote clock offset: -0.003 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.50 Mbit/s
95th percentile per-packet one-way delay: 50.879 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.50 Mbit/s
95th percentile per-packet one-way delay: 50.879 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

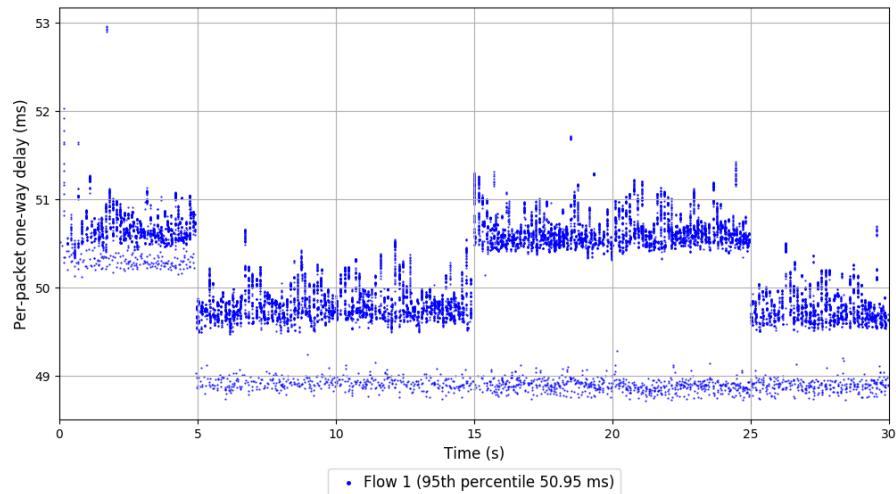
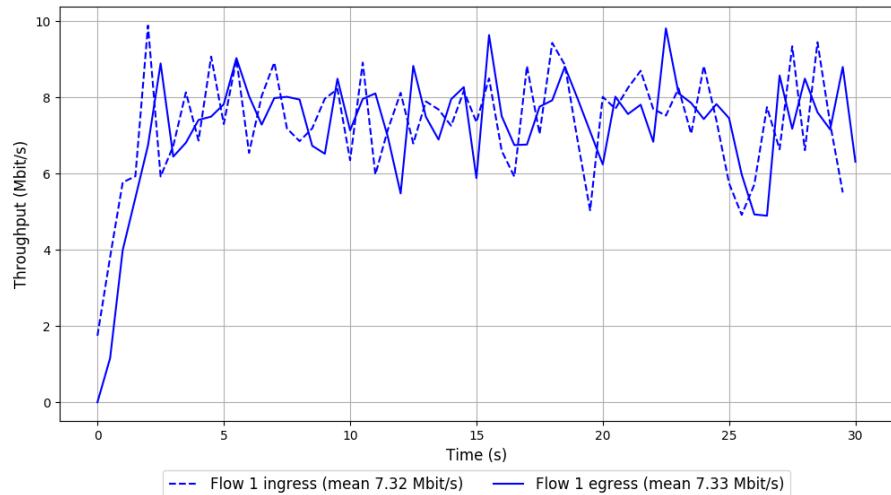


Run 6: Statistics of Sprout

```
Start at: 2018-08-03 06:48:43
End at: 2018-08-03 06:49:13
Local clock offset: 0.101 ms
Remote clock offset: 0.075 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.33 Mbit/s
95th percentile per-packet one-way delay: 50.950 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.33 Mbit/s
95th percentile per-packet one-way delay: 50.950 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

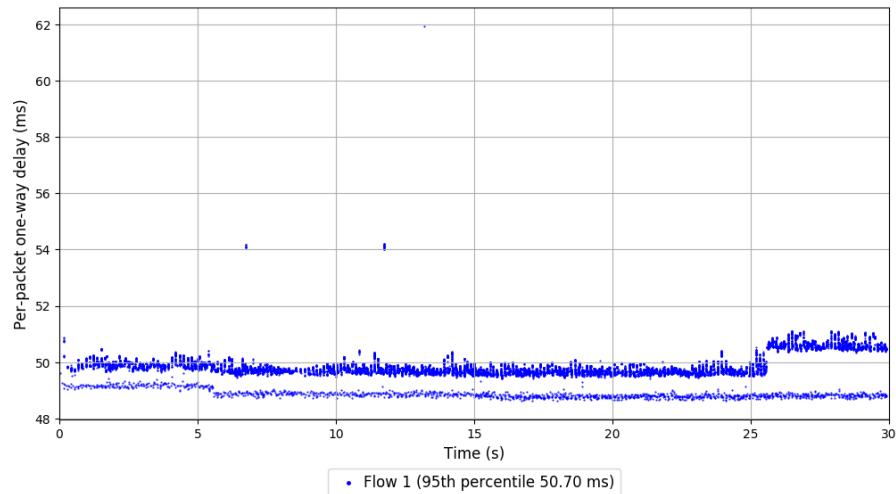
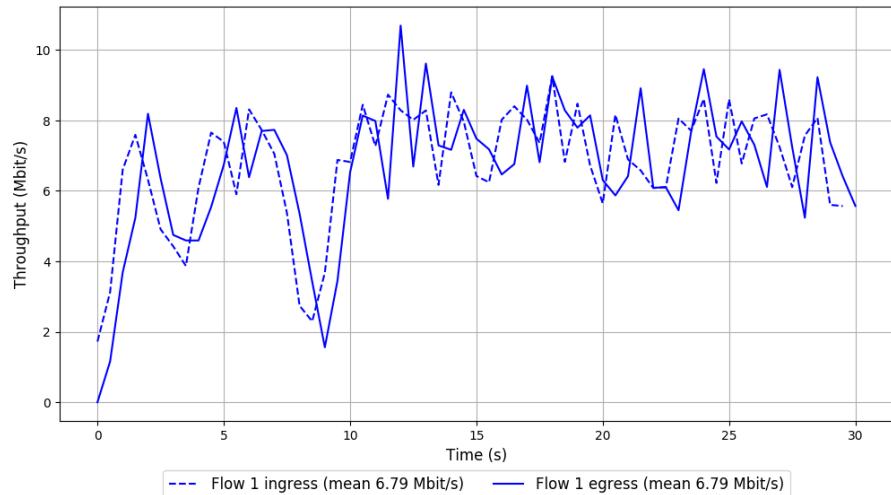


Run 7: Statistics of Sprout

```
Start at: 2018-08-03 07:10:52
End at: 2018-08-03 07:11:22
Local clock offset: 0.154 ms
Remote clock offset: -0.159 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.79 Mbit/s
95th percentile per-packet one-way delay: 50.700 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.79 Mbit/s
95th percentile per-packet one-way delay: 50.700 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

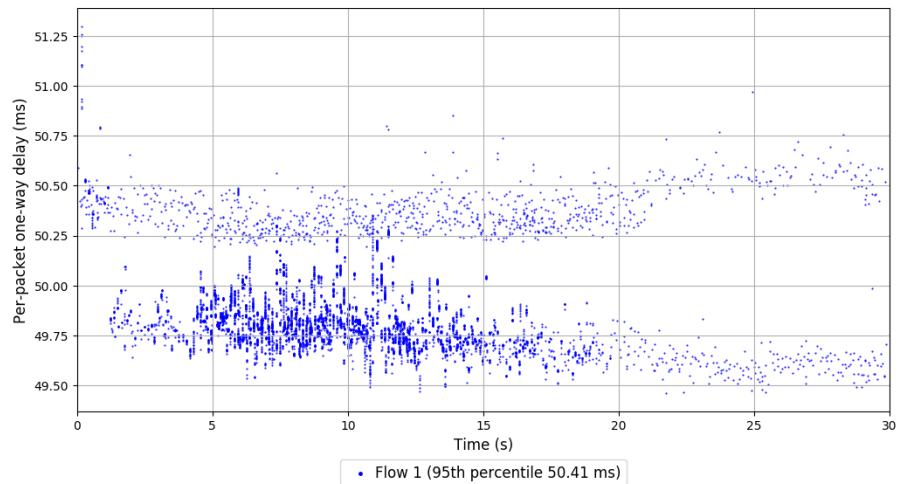
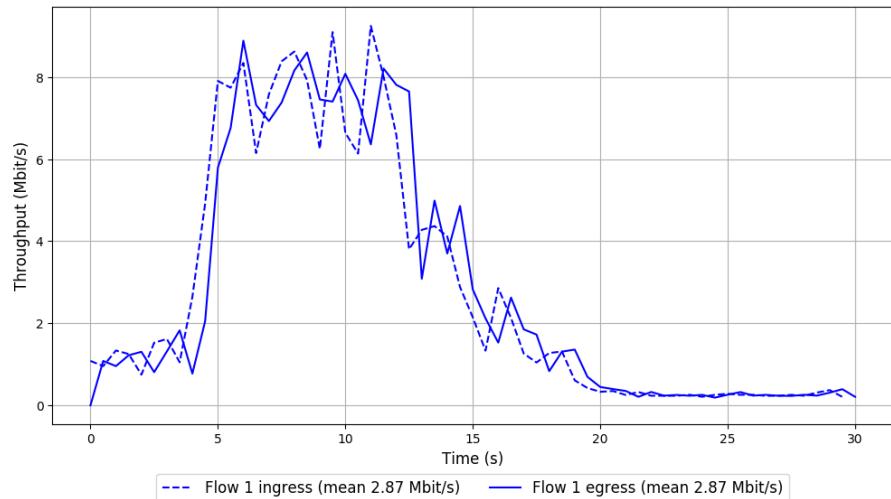


Run 8: Statistics of Sprout

```
Start at: 2018-08-03 07:32:57
End at: 2018-08-03 07:33:27
Local clock offset: 0.088 ms
Remote clock offset: -0.096 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 50.408 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 50.408 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

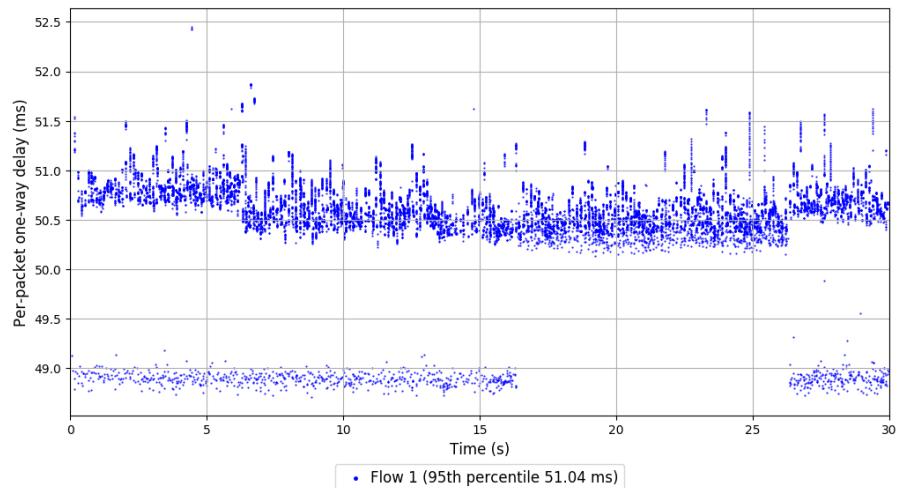
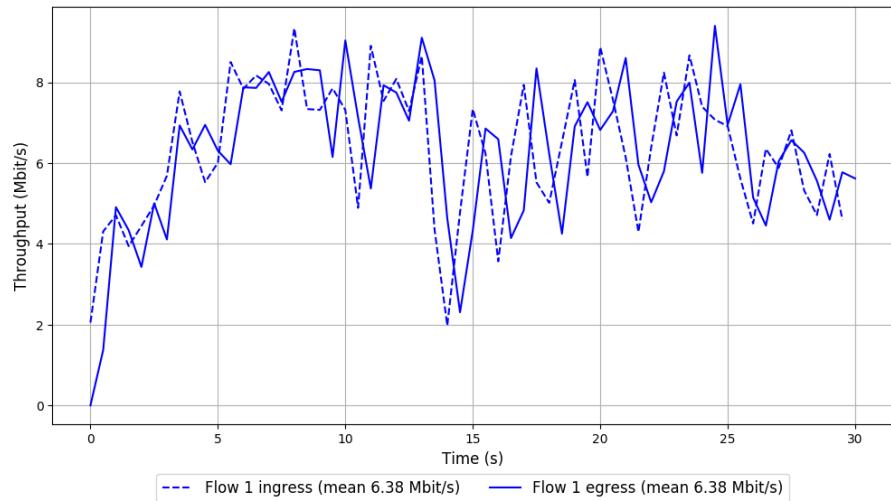


Run 9: Statistics of Sprout

```
Start at: 2018-08-03 07:55:12
End at: 2018-08-03 07:55:42
Local clock offset: -0.012 ms
Remote clock offset: -0.034 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 51.043 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 51.043 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

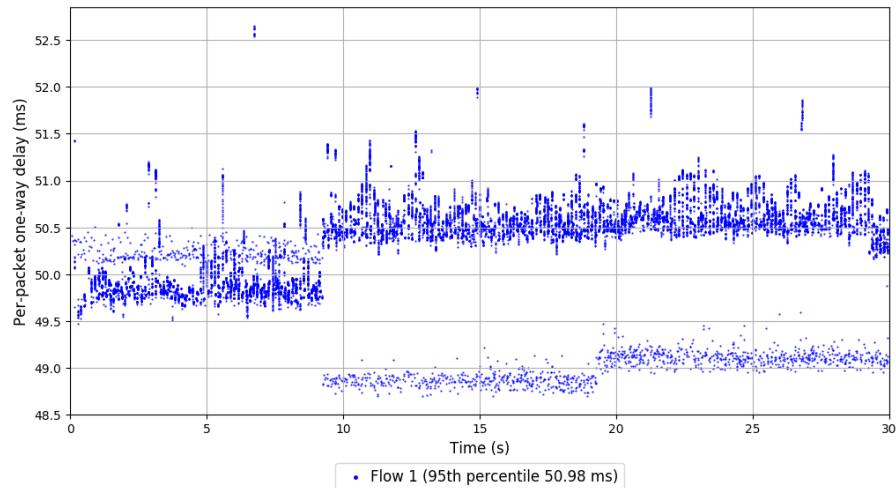
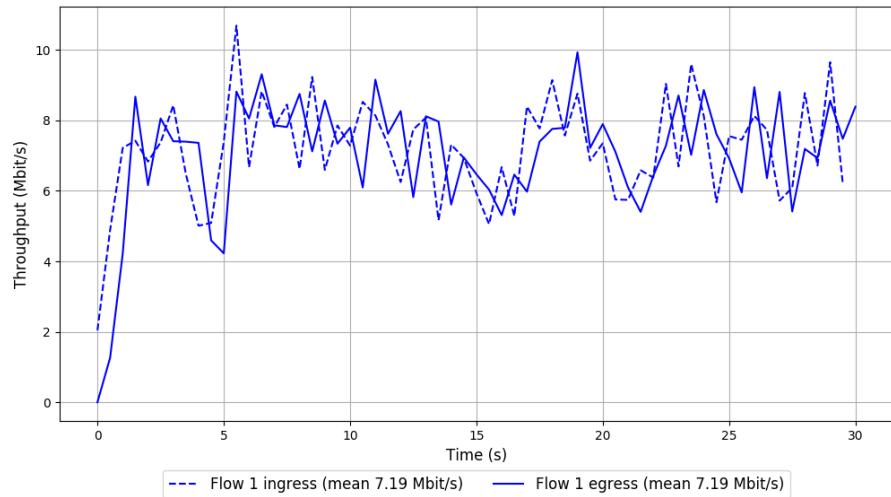


Run 10: Statistics of Sprout

```
Start at: 2018-08-03 08:17:29
End at: 2018-08-03 08:17:59
Local clock offset: 0.072 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2018-08-03 10:11:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.19 Mbit/s
95th percentile per-packet one-way delay: 50.982 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.19 Mbit/s
95th percentile per-packet one-way delay: 50.982 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

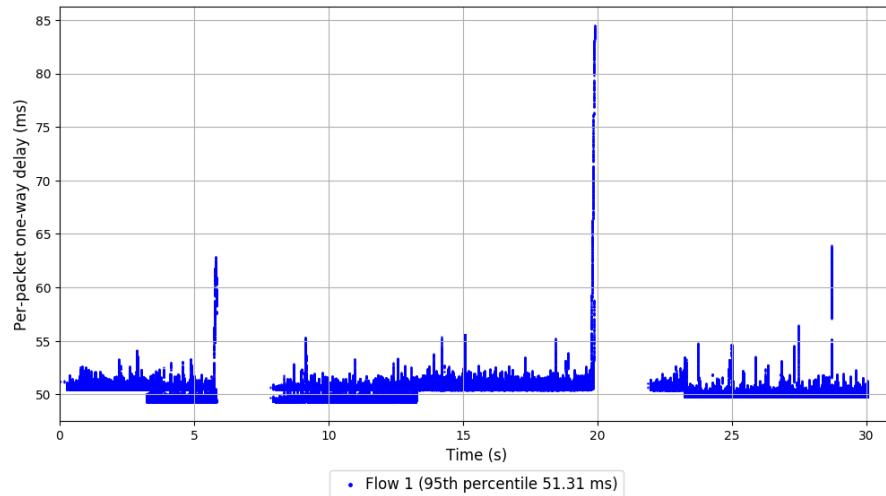
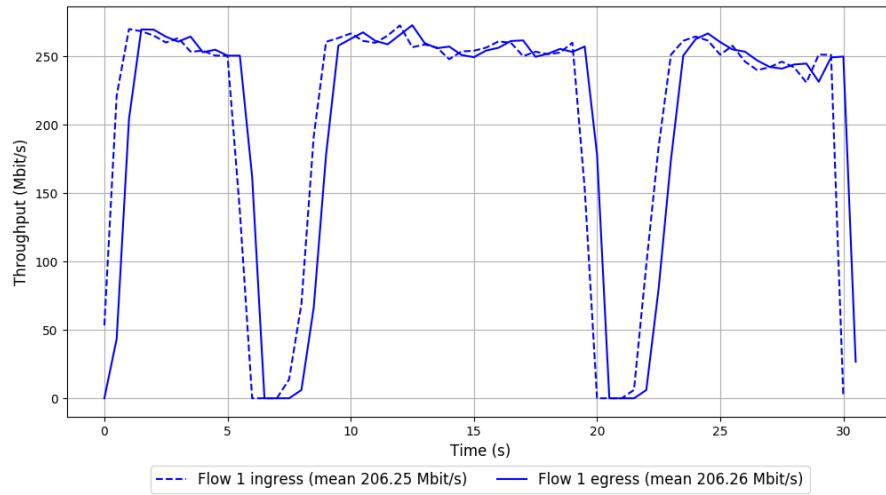


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-08-03 04:45:45
End at: 2018-08-03 04:46:15
Local clock offset: -0.206 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at 2018-08-03 10:14:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 206.26 Mbit/s
95th percentile per-packet one-way delay: 51.308 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 206.26 Mbit/s
95th percentile per-packet one-way delay: 51.308 ms
Loss rate: 0.00%
```

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

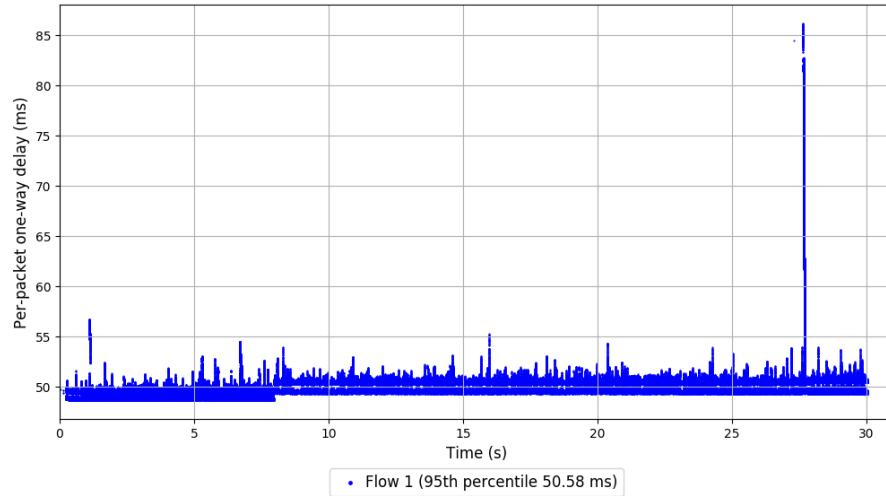
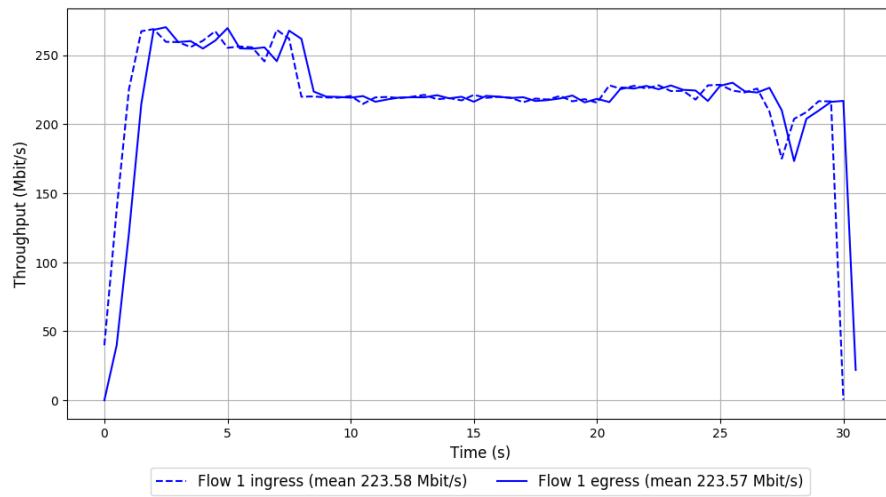


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-08-03 05:08:00
End at: 2018-08-03 05:08:30
Local clock offset: 0.062 ms
Remote clock offset: -0.103 ms

# Below is generated by plot.py at 2018-08-03 10:15:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 223.57 Mbit/s
95th percentile per-packet one-way delay: 50.576 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 223.57 Mbit/s
95th percentile per-packet one-way delay: 50.576 ms
Loss rate: 0.00%
```

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

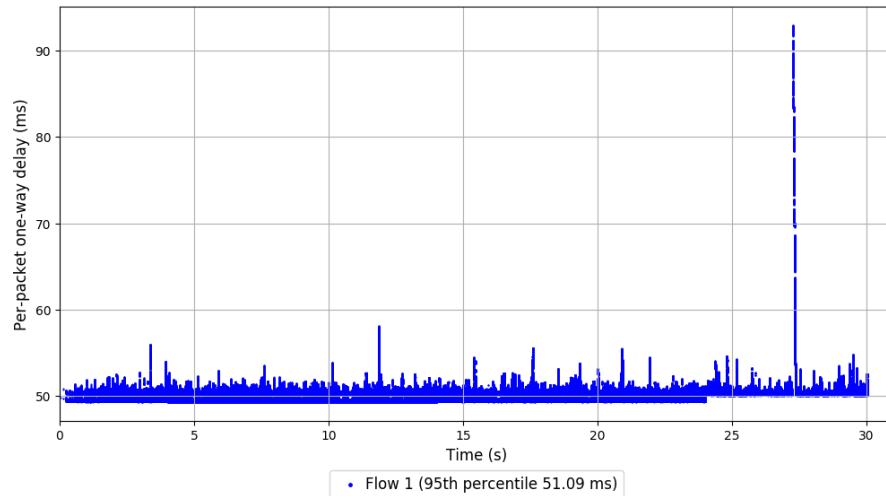
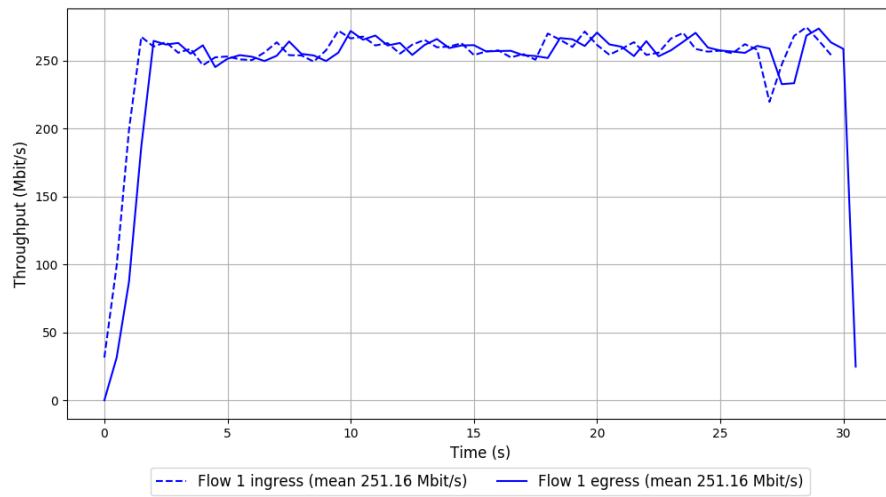


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-08-03 05:30:24
End at: 2018-08-03 05:30:54
Local clock offset: -0.003 ms
Remote clock offset: -0.129 ms

# Below is generated by plot.py at 2018-08-03 10:15:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 251.16 Mbit/s
95th percentile per-packet one-way delay: 51.092 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 251.16 Mbit/s
95th percentile per-packet one-way delay: 51.092 ms
Loss rate: 0.00%
```

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

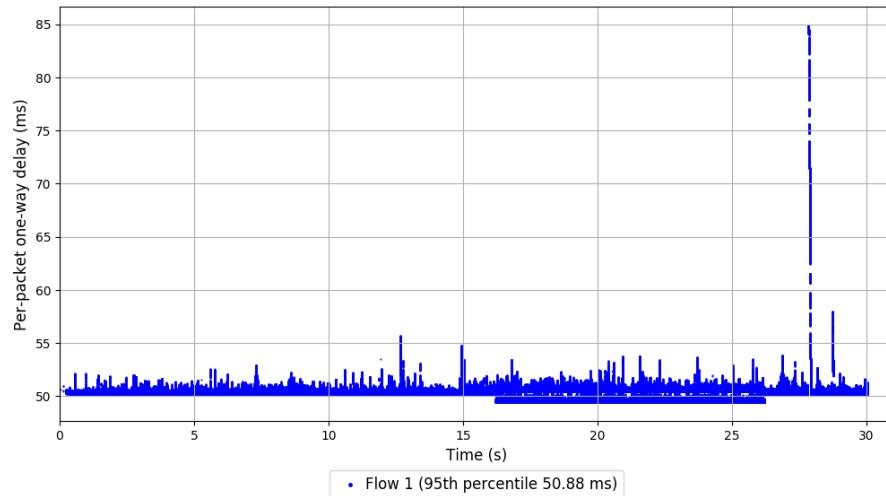
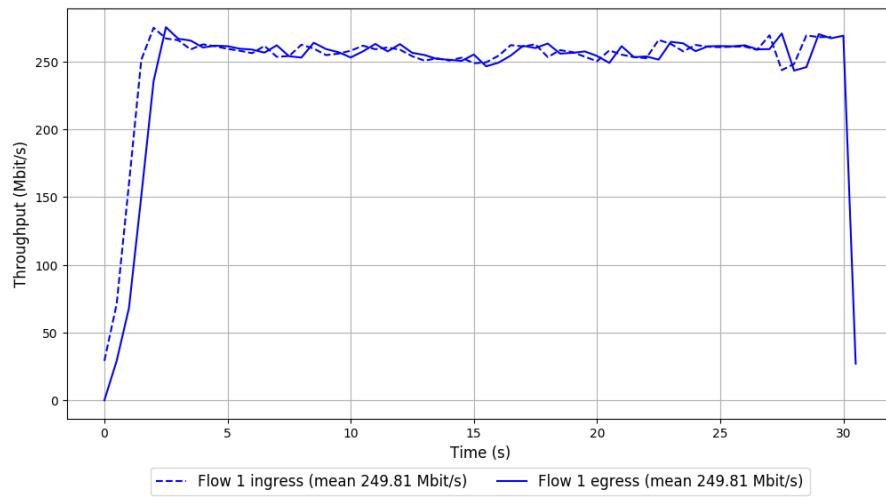


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-08-03 05:53:02
End at: 2018-08-03 05:53:32
Local clock offset: 0.035 ms
Remote clock offset: -0.076 ms

# Below is generated by plot.py at 2018-08-03 10:15:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 249.81 Mbit/s
95th percentile per-packet one-way delay: 50.875 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 249.81 Mbit/s
95th percentile per-packet one-way delay: 50.875 ms
Loss rate: 0.00%
```

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

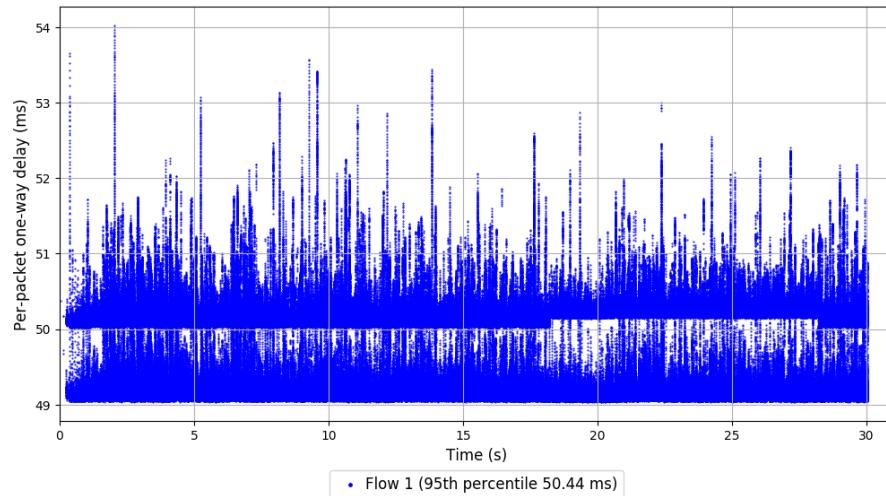
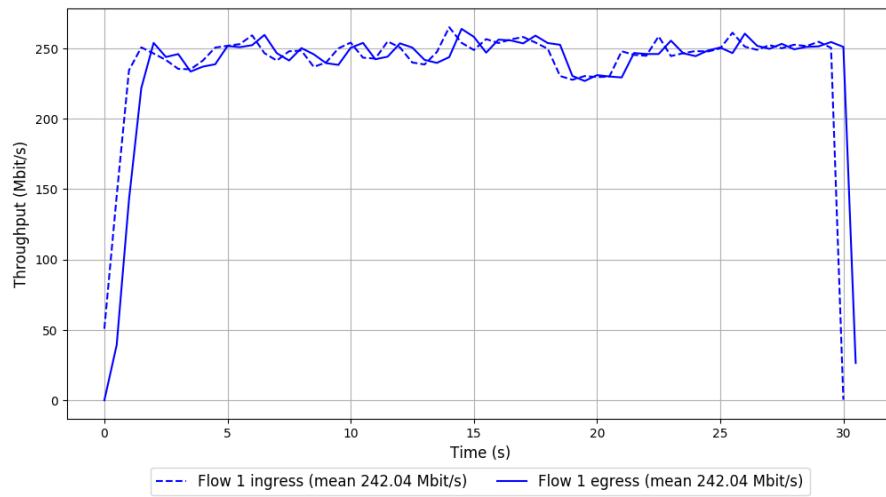


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-08-03 06:15:30
End at: 2018-08-03 06:16:00
Local clock offset: 0.532 ms
Remote clock offset: -0.062 ms

# Below is generated by plot.py at 2018-08-03 10:15:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 242.04 Mbit/s
95th percentile per-packet one-way delay: 50.442 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 242.04 Mbit/s
95th percentile per-packet one-way delay: 50.442 ms
Loss rate: 0.00%
```

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

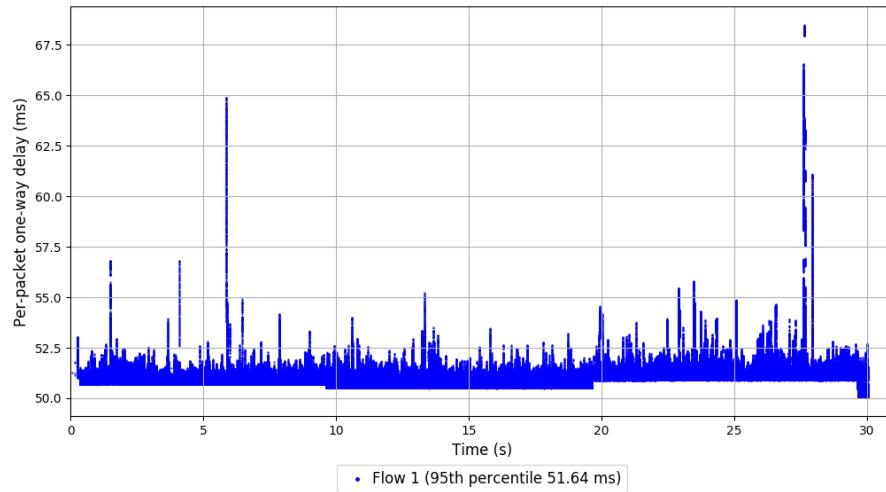
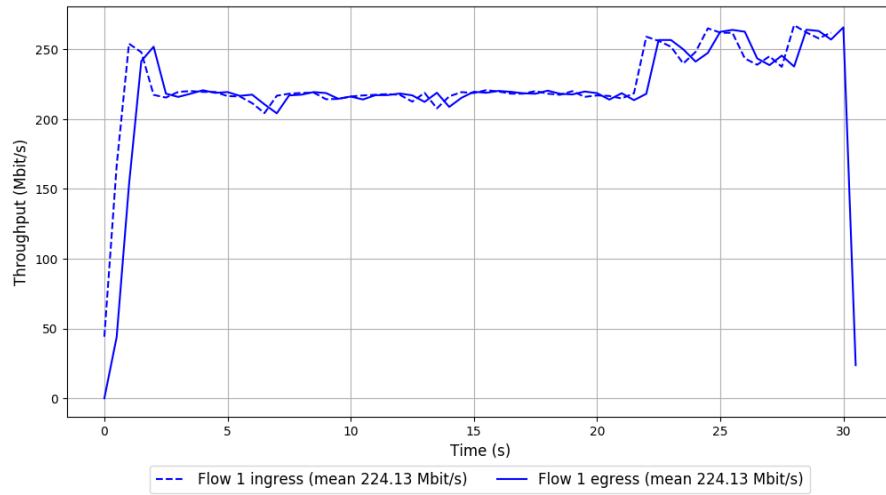


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-08-03 06:37:48
End at: 2018-08-03 06:38:18
Local clock offset: -0.313 ms
Remote clock offset: 0.076 ms

# Below is generated by plot.py at 2018-08-03 10:16:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 224.13 Mbit/s
95th percentile per-packet one-way delay: 51.641 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 224.13 Mbit/s
95th percentile per-packet one-way delay: 51.641 ms
Loss rate: 0.00%
```

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

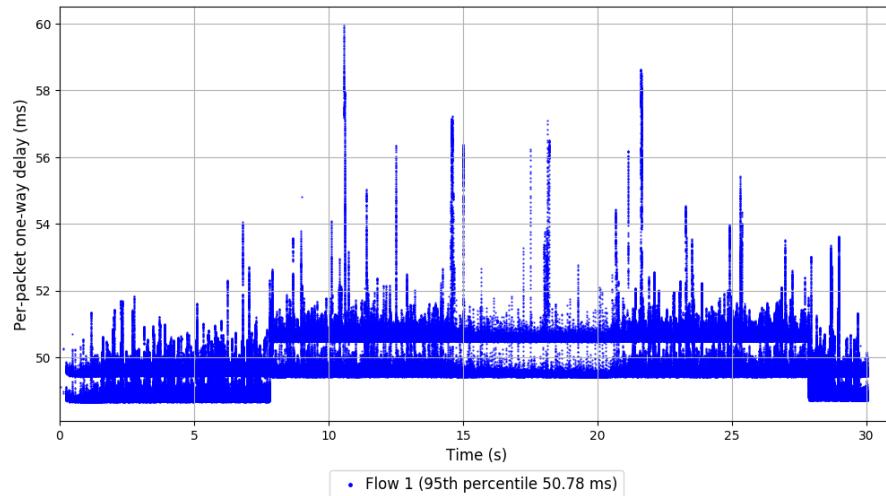
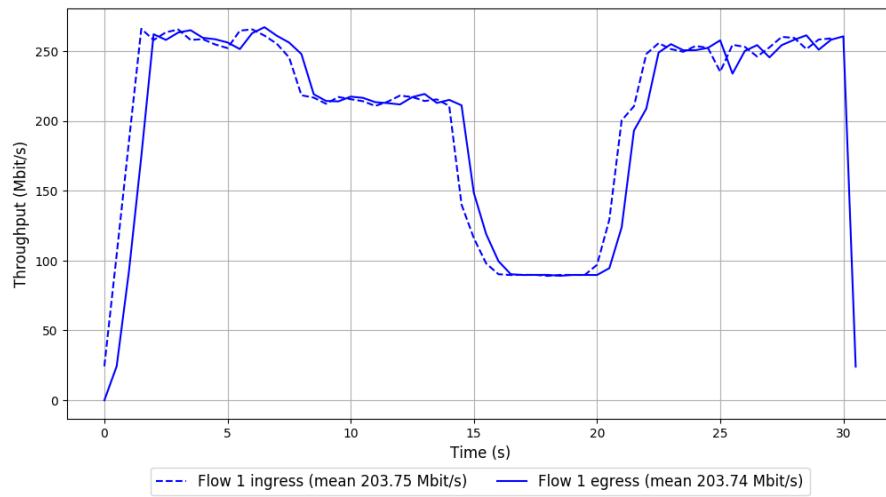


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-08-03 07:00:10
End at: 2018-08-03 07:00:40
Local clock offset: 0.161 ms
Remote clock offset: -0.027 ms

# Below is generated by plot.py at 2018-08-03 10:18:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 203.74 Mbit/s
95th percentile per-packet one-way delay: 50.777 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 203.74 Mbit/s
95th percentile per-packet one-way delay: 50.777 ms
Loss rate: 0.00%
```

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

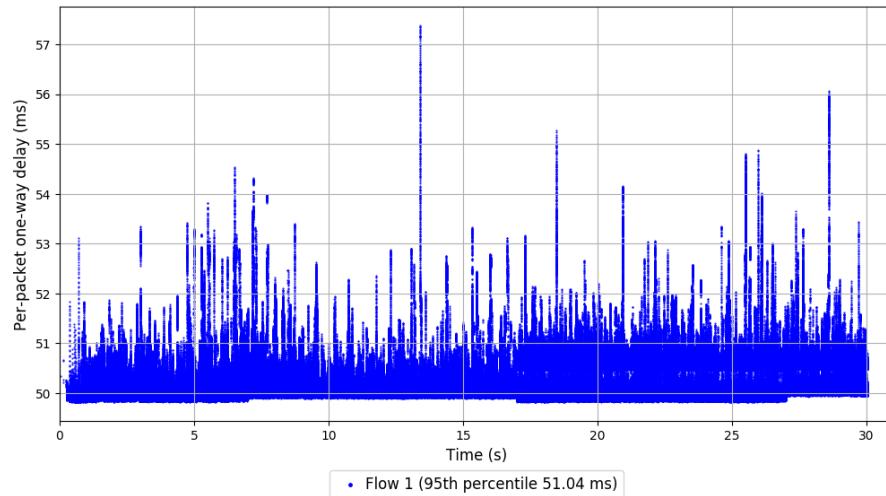
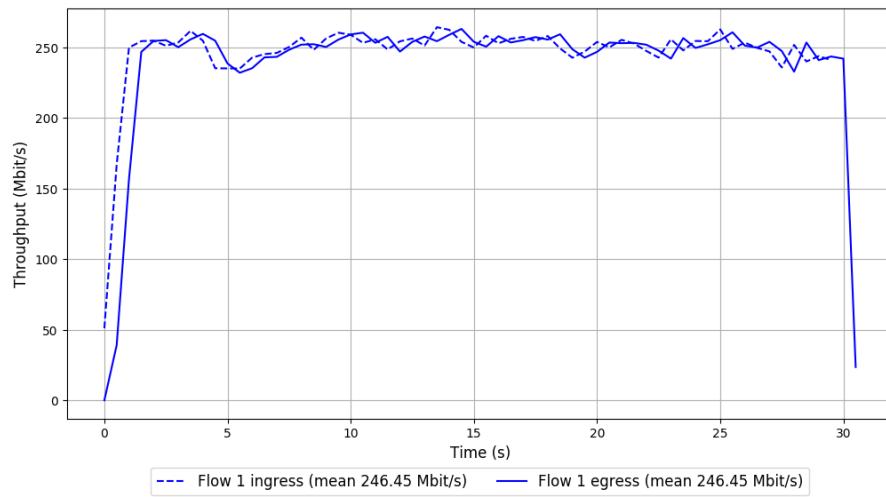


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-08-03 07:22:11
End at: 2018-08-03 07:22:41
Local clock offset: -0.235 ms
Remote clock offset: -0.145 ms

# Below is generated by plot.py at 2018-08-03 10:20:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 246.45 Mbit/s
95th percentile per-packet one-way delay: 51.039 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 246.45 Mbit/s
95th percentile per-packet one-way delay: 51.039 ms
Loss rate: 0.00%
```

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

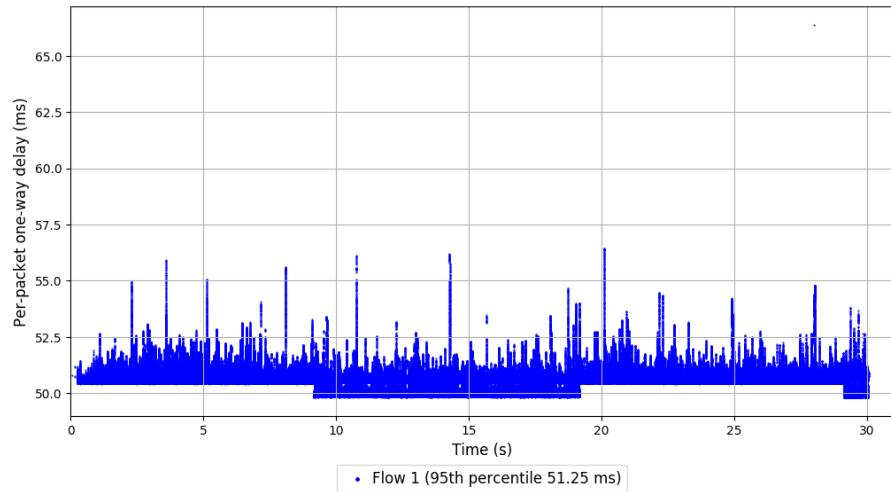
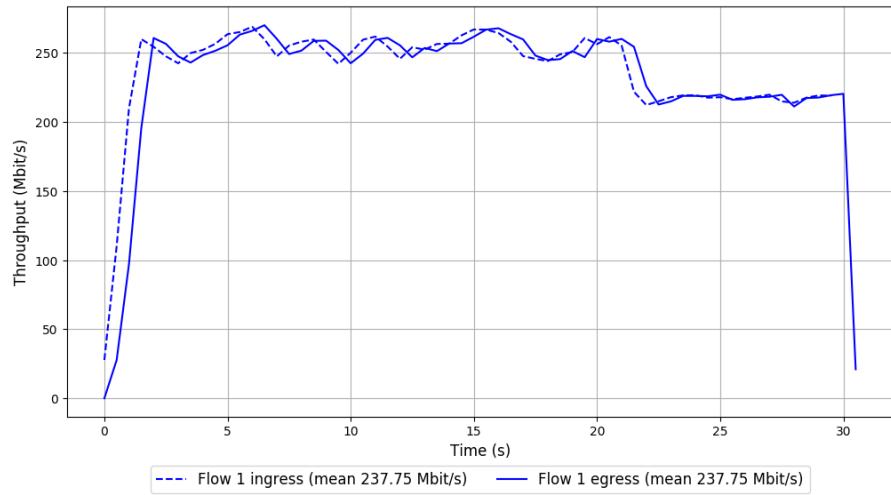


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-08-03 07:44:19
End at: 2018-08-03 07:44:49
Local clock offset: -0.331 ms
Remote clock offset: -0.037 ms

# Below is generated by plot.py at 2018-08-03 10:22:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 237.75 Mbit/s
95th percentile per-packet one-way delay: 51.246 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 237.75 Mbit/s
95th percentile per-packet one-way delay: 51.246 ms
Loss rate: 0.00%
```

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

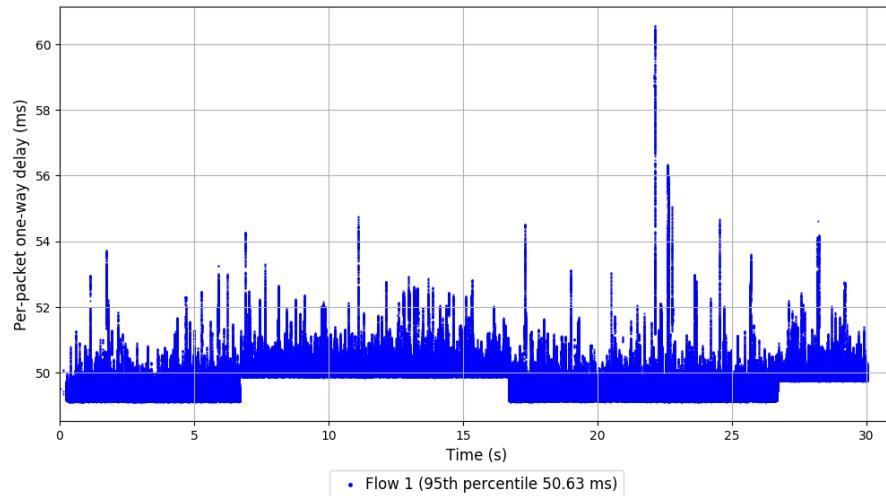
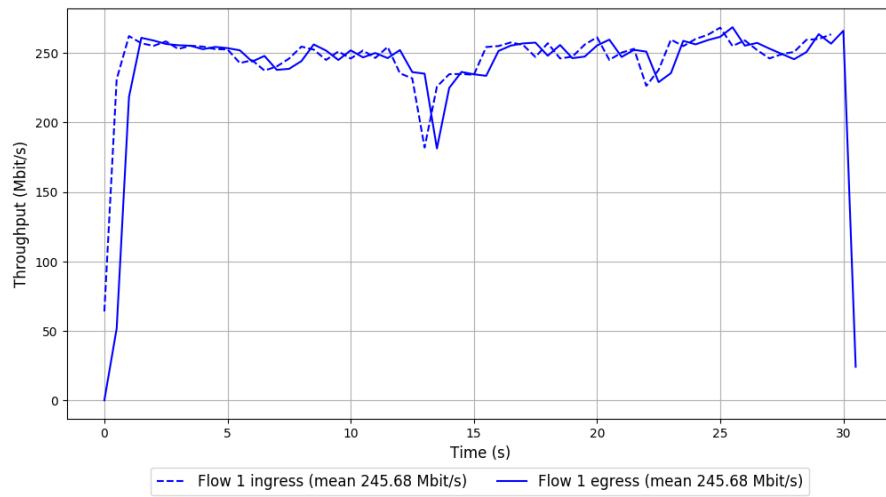


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-08-03 08:06:41
End at: 2018-08-03 08:07:11
Local clock offset: 0.384 ms
Remote clock offset: 0.003 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 245.68 Mbit/s
95th percentile per-packet one-way delay: 50.631 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 245.68 Mbit/s
95th percentile per-packet one-way delay: 50.631 ms
Loss rate: 0.00%
```

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

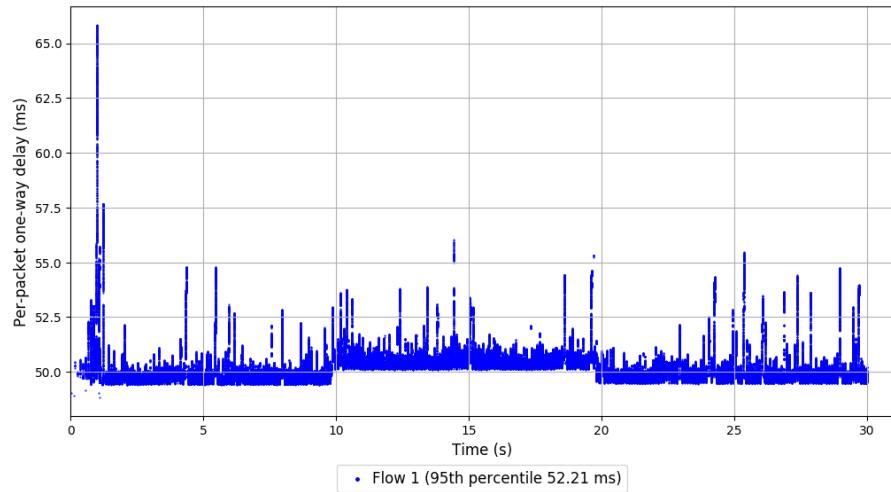
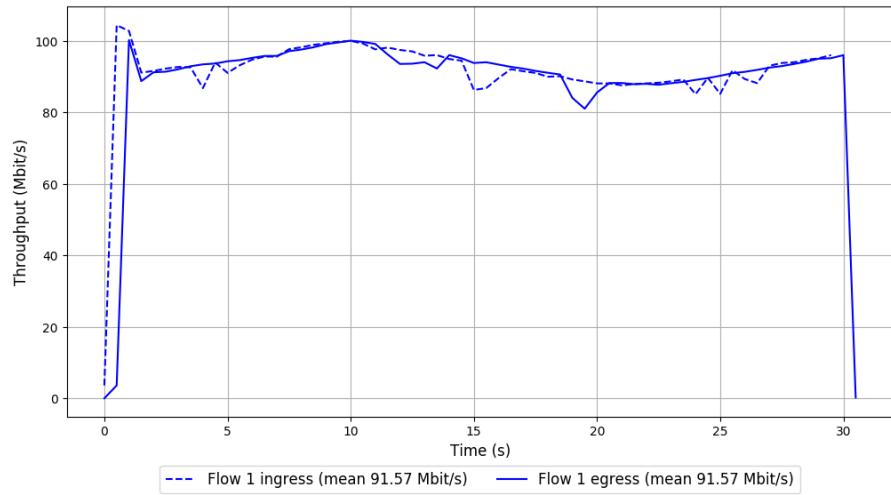


Run 1: Statistics of TCP Vegas

```
Start at: 2018-08-03 04:47:08
End at: 2018-08-03 04:47:38
Local clock offset: 0.145 ms
Remote clock offset: 0.006 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 52.213 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 52.213 ms
Loss rate: 0.00%
```

Run 1: Report of TCP Vegas — Data Link

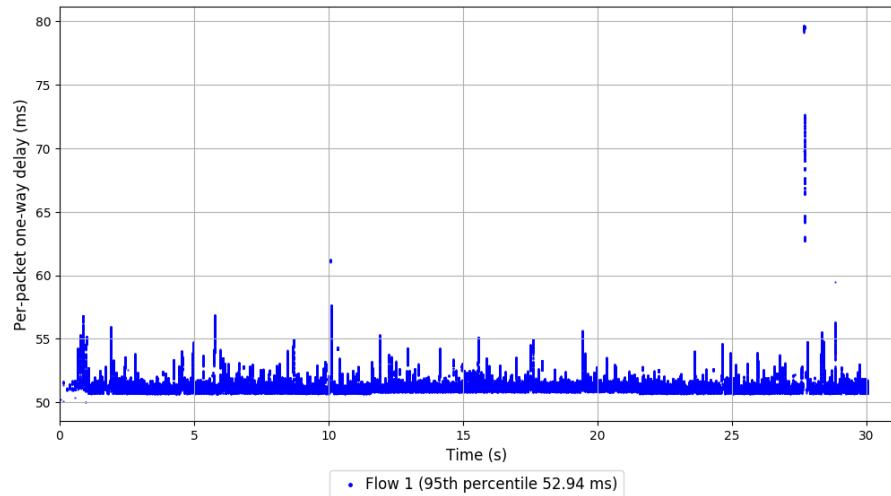
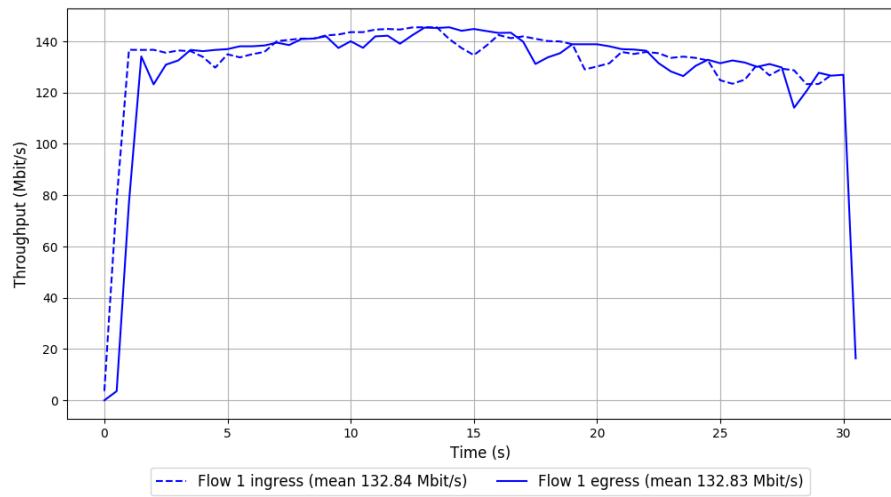


Run 2: Statistics of TCP Vegas

```
Start at: 2018-08-03 05:09:26
End at: 2018-08-03 05:09:56
Local clock offset: -0.272 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 132.83 Mbit/s
95th percentile per-packet one-way delay: 52.935 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.83 Mbit/s
95th percentile per-packet one-way delay: 52.935 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

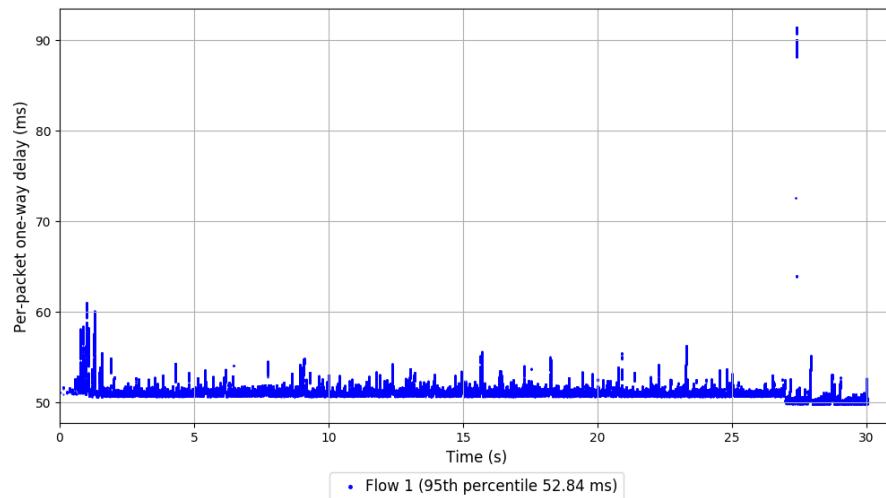
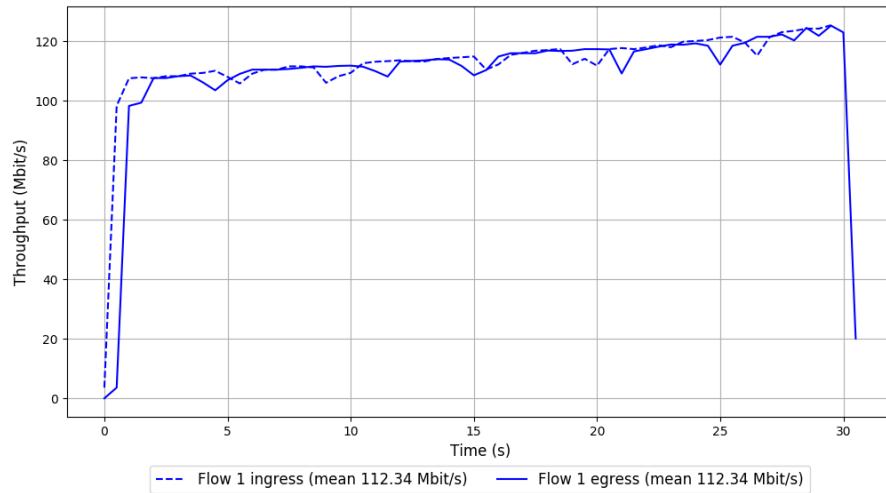


Run 3: Statistics of TCP Vegas

```
Start at: 2018-08-03 05:31:51
End at: 2018-08-03 05:32:21
Local clock offset: -0.429 ms
Remote clock offset: -0.101 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 112.34 Mbit/s
95th percentile per-packet one-way delay: 52.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 112.34 Mbit/s
95th percentile per-packet one-way delay: 52.841 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

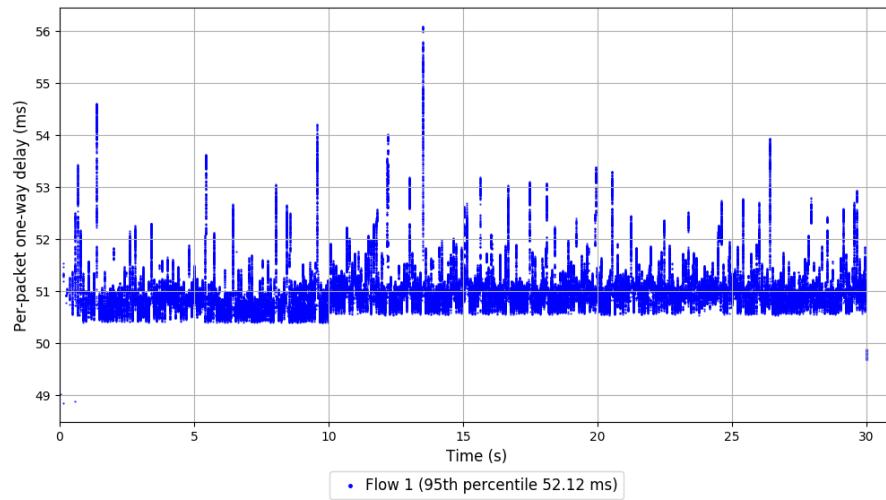
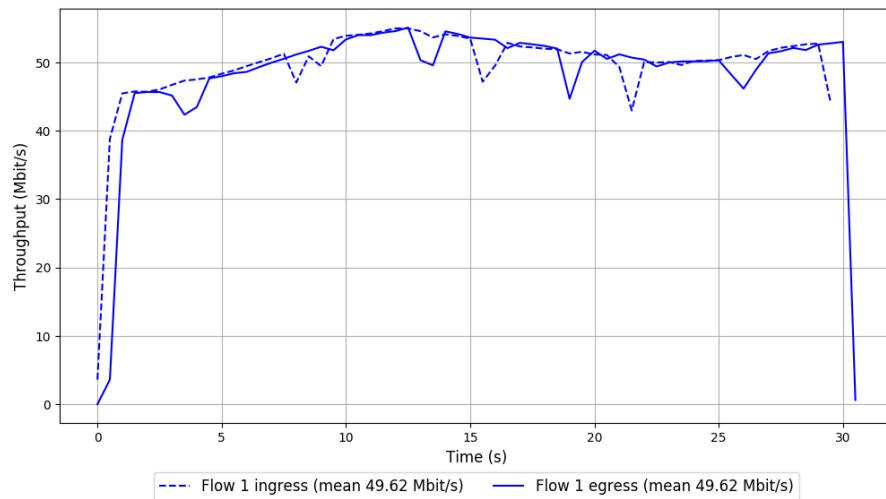


Run 4: Statistics of TCP Vegas

```
Start at: 2018-08-03 05:54:28
End at: 2018-08-03 05:54:58
Local clock offset: 0.15 ms
Remote clock offset: -0.027 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.62 Mbit/s
95th percentile per-packet one-way delay: 52.121 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.62 Mbit/s
95th percentile per-packet one-way delay: 52.121 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

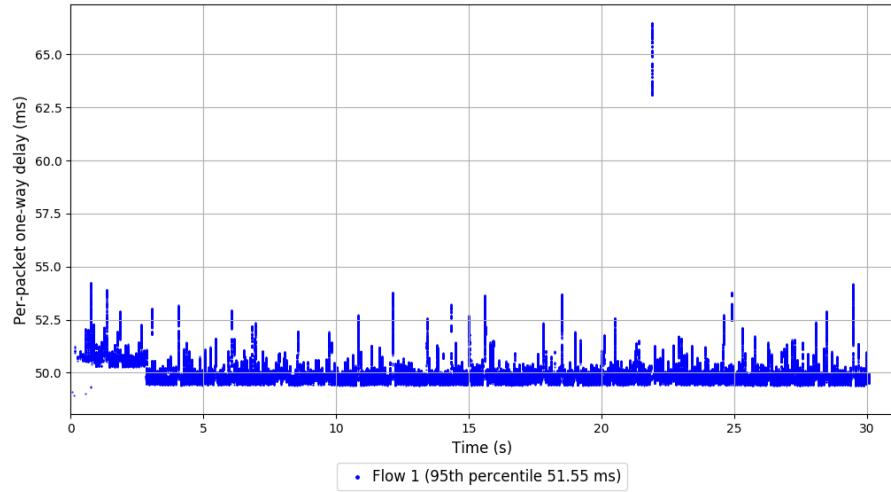
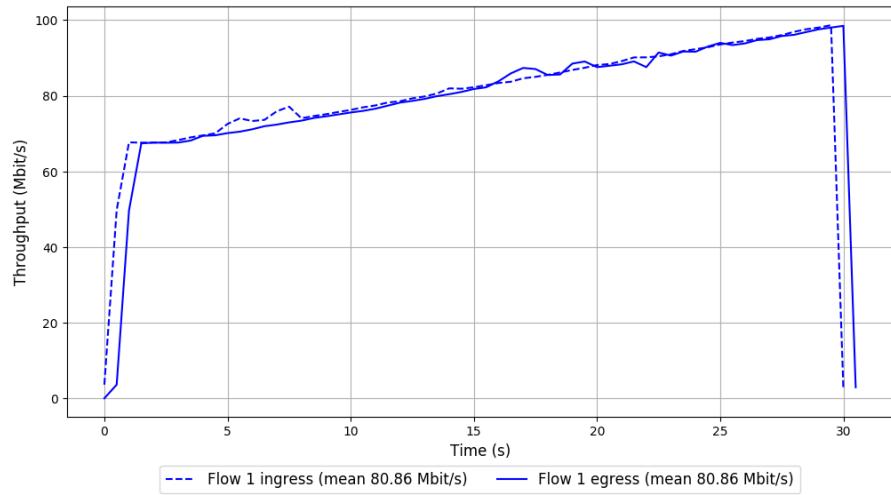


Run 5: Statistics of TCP Vegas

```
Start at: 2018-08-03 06:16:55
End at: 2018-08-03 06:17:25
Local clock offset: 0.178 ms
Remote clock offset: -0.04 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.86 Mbit/s
95th percentile per-packet one-way delay: 51.549 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.86 Mbit/s
95th percentile per-packet one-way delay: 51.549 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

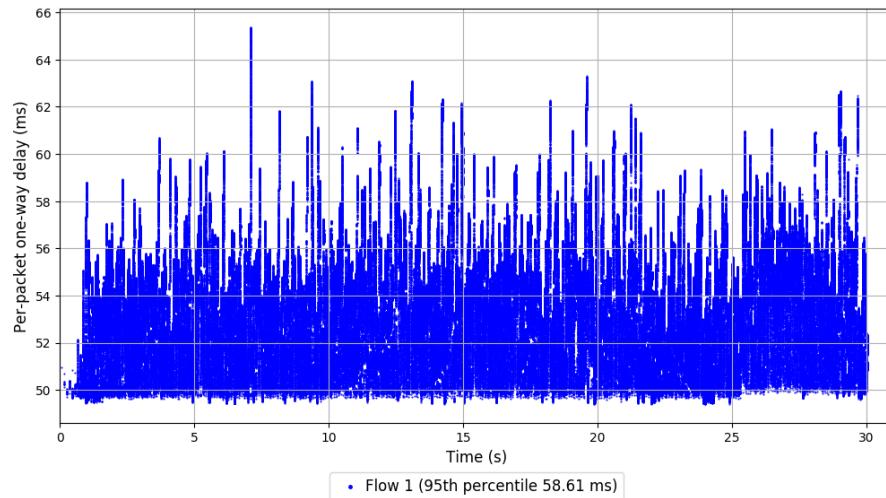
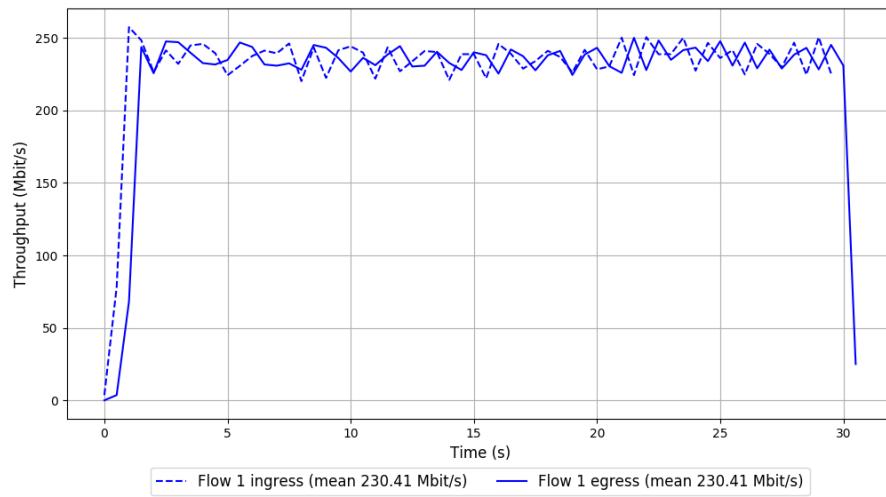


Run 6: Statistics of TCP Vegas

```
Start at: 2018-08-03 06:39:13
End at: 2018-08-03 06:39:43
Local clock offset: 0.088 ms
Remote clock offset: 0.052 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 230.41 Mbit/s
95th percentile per-packet one-way delay: 58.609 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 230.41 Mbit/s
95th percentile per-packet one-way delay: 58.609 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Vegas — Data Link

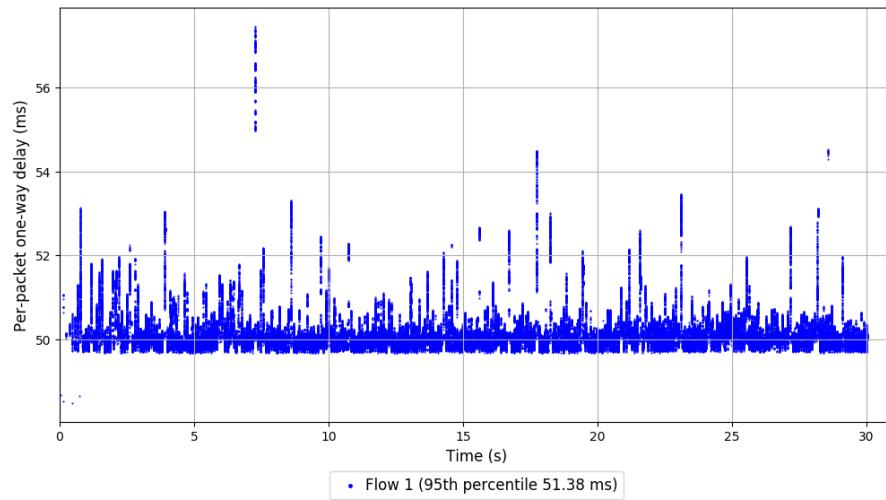
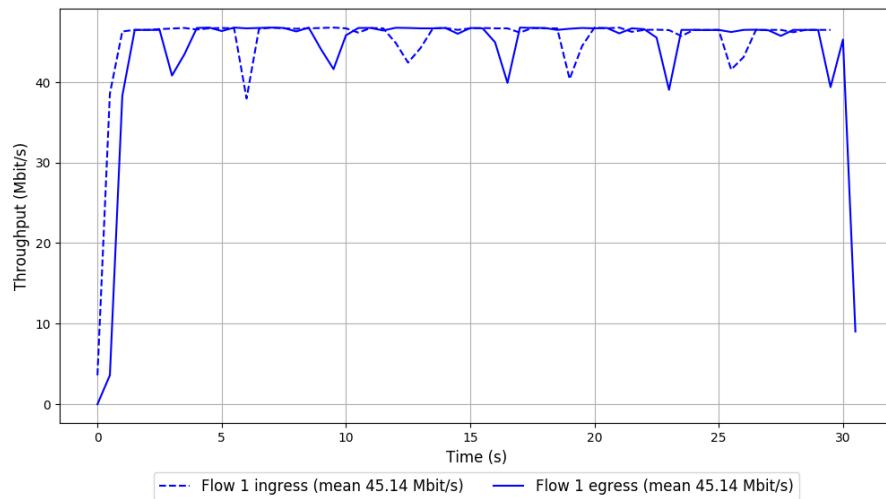


Run 7: Statistics of TCP Vegas

```
Start at: 2018-08-03 07:01:33
End at: 2018-08-03 07:02:03
Local clock offset: 0.516 ms
Remote clock offset: -0.086 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.14 Mbit/s
95th percentile per-packet one-way delay: 51.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.14 Mbit/s
95th percentile per-packet one-way delay: 51.378 ms
Loss rate: 0.00%
```

Run 7: Report of TCP Vegas — Data Link

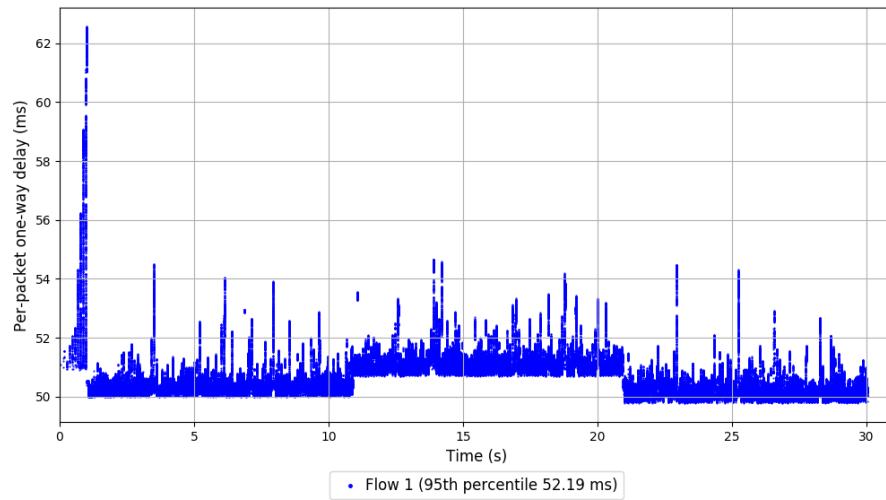
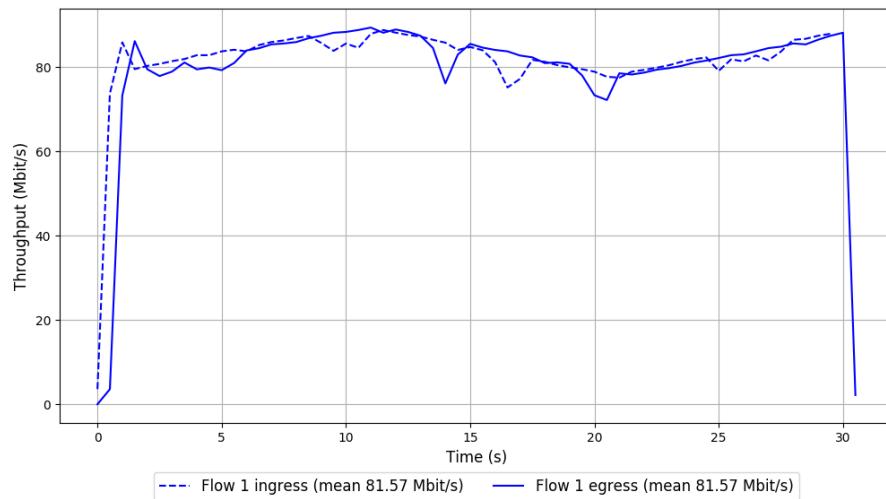


Run 8: Statistics of TCP Vegas

```
Start at: 2018-08-03 07:23:37
End at: 2018-08-03 07:24:07
Local clock offset: -0.163 ms
Remote clock offset: -0.135 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.57 Mbit/s
95th percentile per-packet one-way delay: 52.187 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.57 Mbit/s
95th percentile per-packet one-way delay: 52.187 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

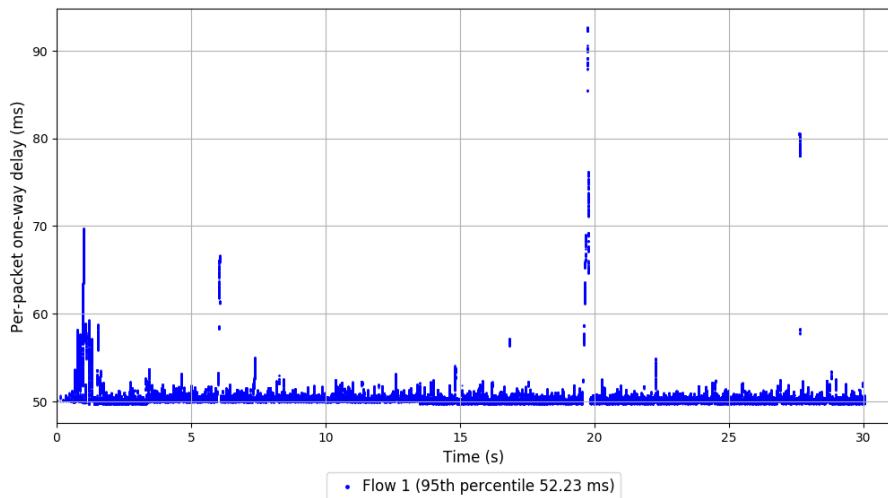
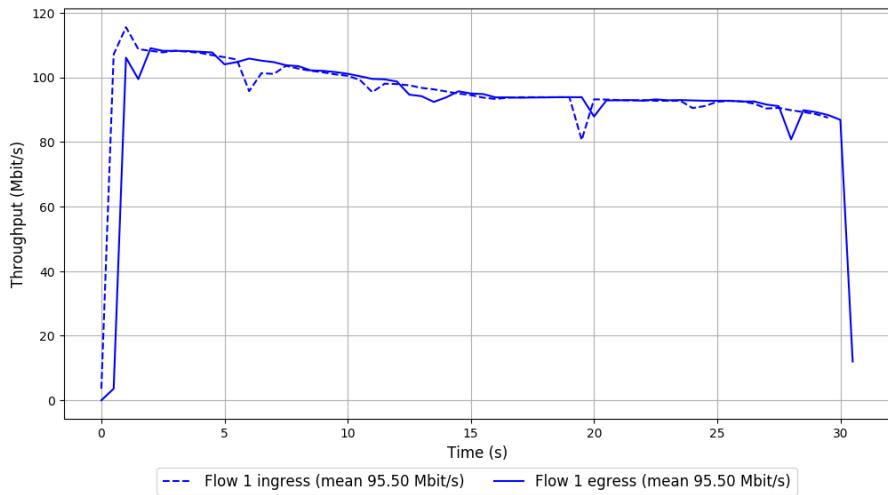


Run 9: Statistics of TCP Vegas

```
Start at: 2018-08-03 07:45:44
End at: 2018-08-03 07:46:15
Local clock offset: 0.399 ms
Remote clock offset: -0.074 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.50 Mbit/s
95th percentile per-packet one-way delay: 52.227 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.50 Mbit/s
95th percentile per-packet one-way delay: 52.227 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Vegas — Data Link

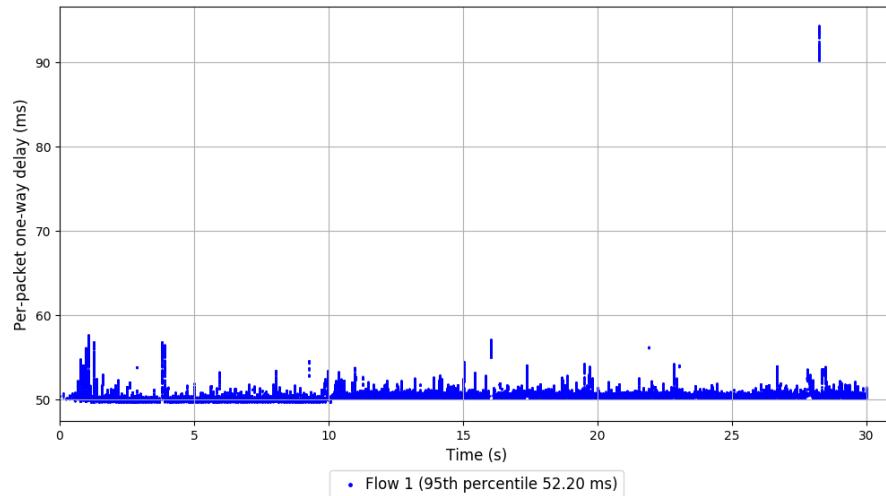
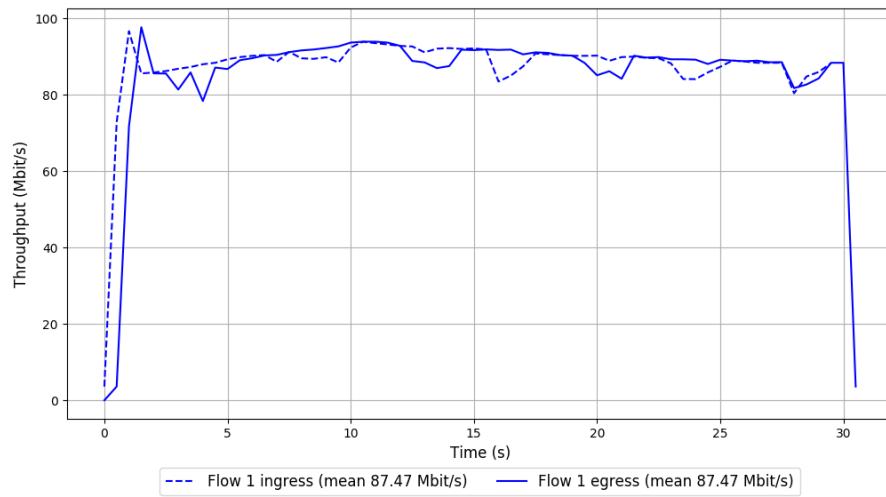


Run 10: Statistics of TCP Vegas

```
Start at: 2018-08-03 08:08:08
End at: 2018-08-03 08:08:38
Local clock offset: 0.46 ms
Remote clock offset: 0.001 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.47 Mbit/s
95th percentile per-packet one-way delay: 52.205 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.47 Mbit/s
95th percentile per-packet one-way delay: 52.205 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Vegas — Data Link

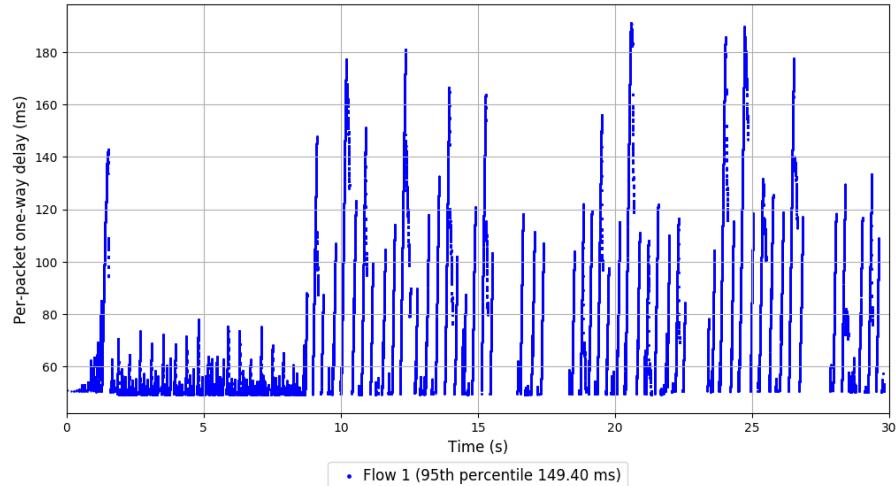
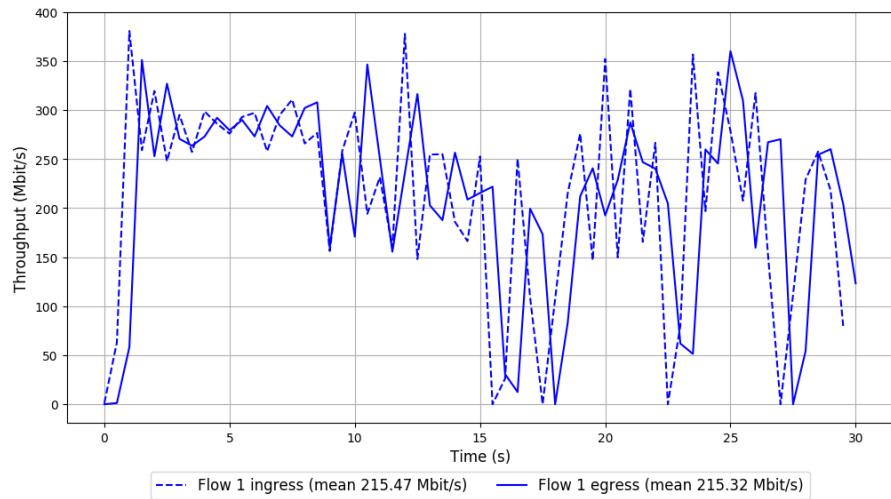


Run 1: Statistics of Verus

```
Start at: 2018-08-03 04:44:26
End at: 2018-08-03 04:44:56
Local clock offset: 0.504 ms
Remote clock offset: 0.014 ms

# Below is generated by plot.py at 2018-08-03 10:23:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 215.32 Mbit/s
95th percentile per-packet one-way delay: 149.403 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 215.32 Mbit/s
95th percentile per-packet one-way delay: 149.403 ms
Loss rate: 0.06%
```

Run 1: Report of Verus — Data Link

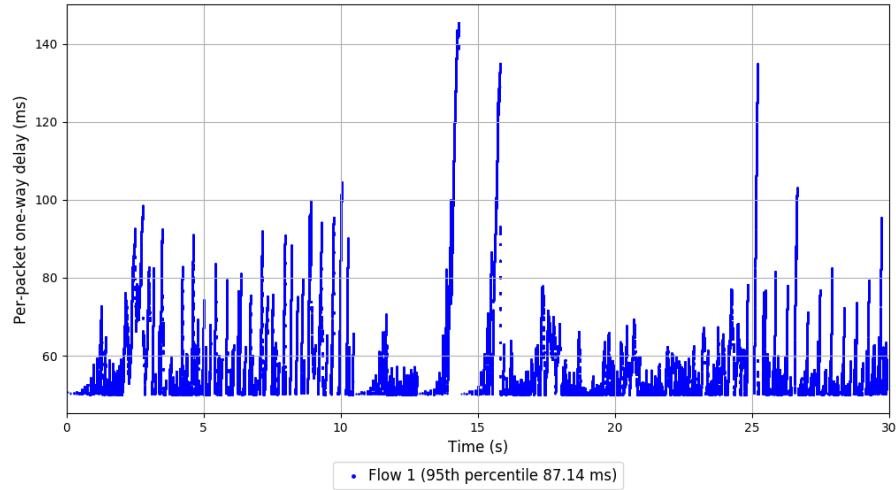
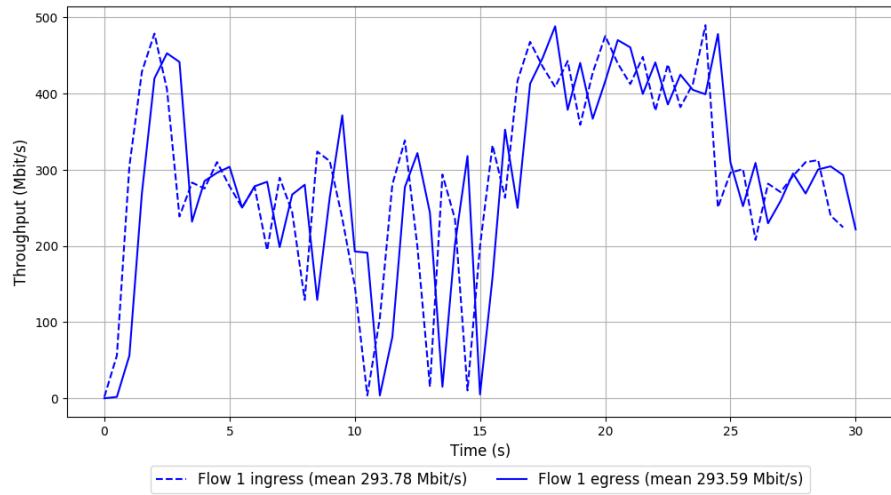


Run 2: Statistics of Verus

```
Start at: 2018-08-03 05:06:37
End at: 2018-08-03 05:07:07
Local clock offset: 0.477 ms
Remote clock offset: -0.092 ms

# Below is generated by plot.py at 2018-08-03 10:25:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 293.59 Mbit/s
95th percentile per-packet one-way delay: 87.137 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 293.59 Mbit/s
95th percentile per-packet one-way delay: 87.137 ms
Loss rate: 0.07%
```

Run 2: Report of Verus — Data Link

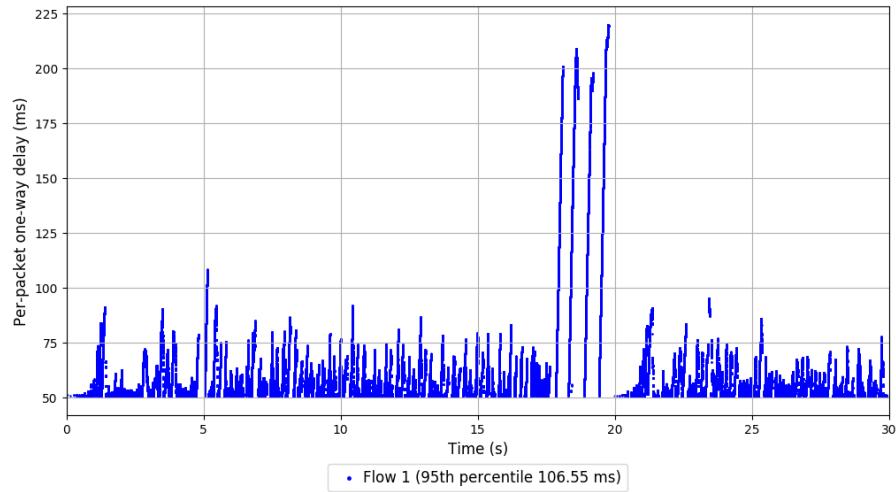
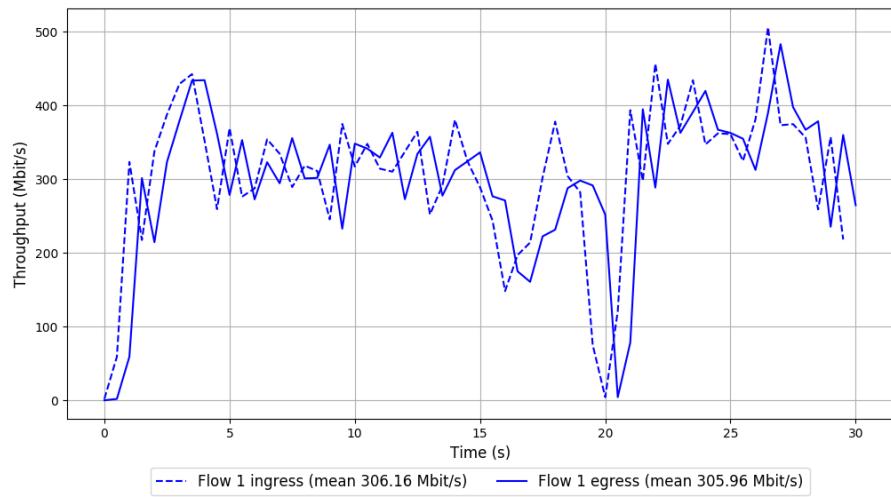


Run 3: Statistics of Verus

```
Start at: 2018-08-03 05:29:00
End at: 2018-08-03 05:29:30
Local clock offset: -0.111 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2018-08-03 10:26:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 305.96 Mbit/s
95th percentile per-packet one-way delay: 106.554 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 305.96 Mbit/s
95th percentile per-packet one-way delay: 106.554 ms
Loss rate: 0.07%
```

Run 3: Report of Verus — Data Link

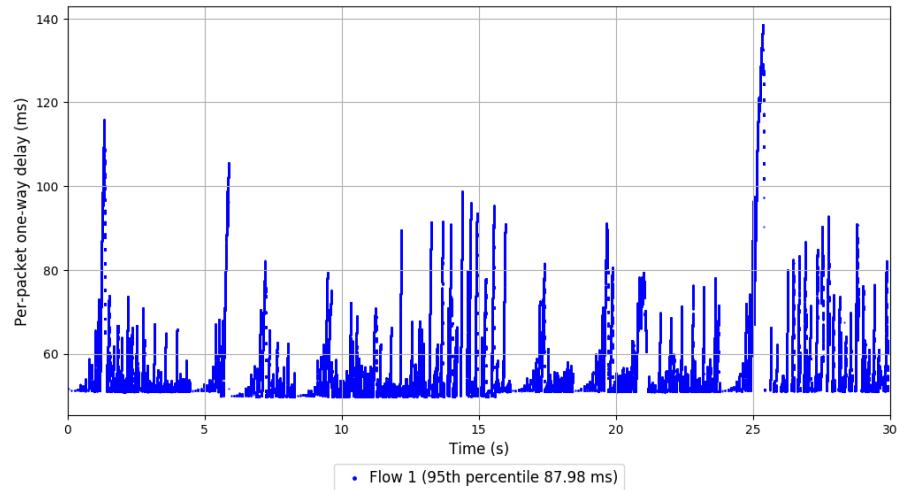
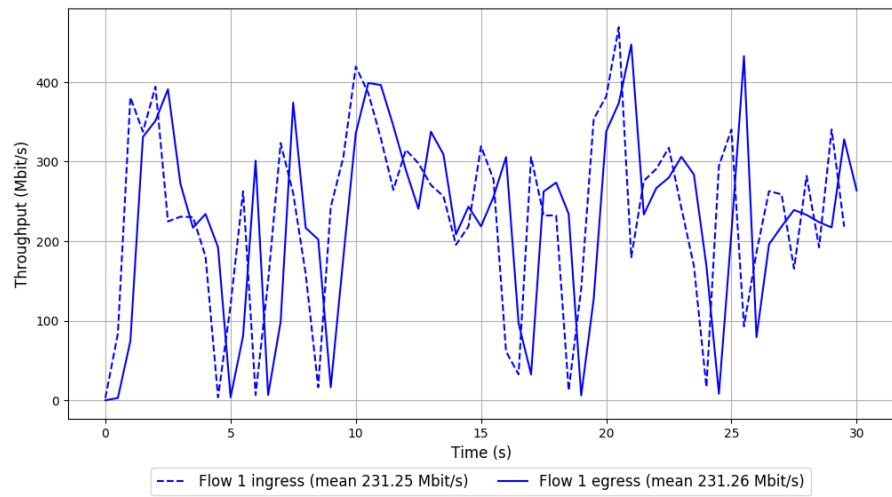


Run 4: Statistics of Verus

```
Start at: 2018-08-03 05:51:42
End at: 2018-08-03 05:52:12
Local clock offset: -0.285 ms
Remote clock offset: -0.074 ms

# Below is generated by plot.py at 2018-08-03 10:26:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 231.26 Mbit/s
95th percentile per-packet one-way delay: 87.983 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 231.26 Mbit/s
95th percentile per-packet one-way delay: 87.983 ms
Loss rate: 0.00%
```

Run 4: Report of Verus — Data Link

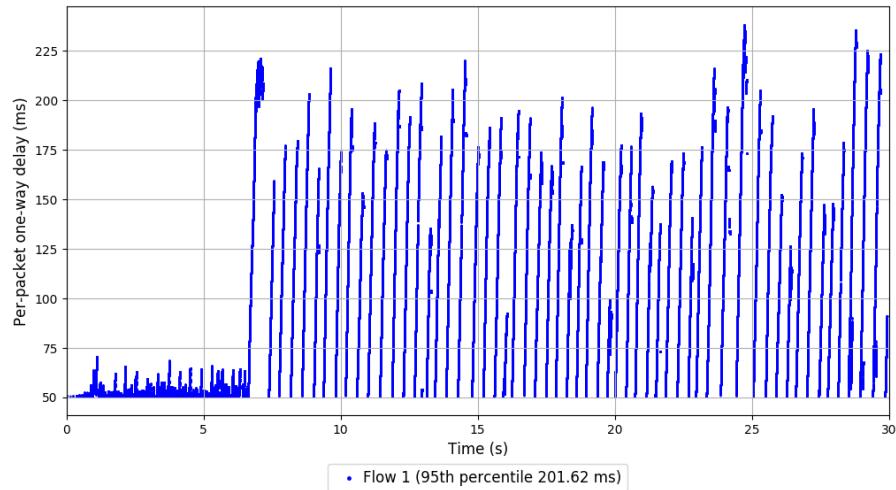
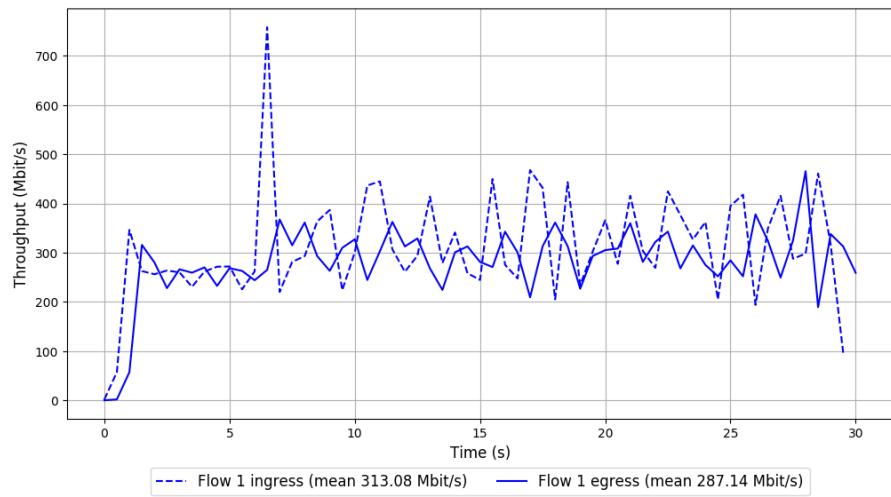


Run 5: Statistics of Verus

```
Start at: 2018-08-03 06:14:07
End at: 2018-08-03 06:14:37
Local clock offset: 0.539 ms
Remote clock offset: -0.055 ms

# Below is generated by plot.py at 2018-08-03 10:26:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 287.14 Mbit/s
95th percentile per-packet one-way delay: 201.616 ms
Loss rate: 8.20%
-- Flow 1:
Average throughput: 287.14 Mbit/s
95th percentile per-packet one-way delay: 201.616 ms
Loss rate: 8.20%
```

Run 5: Report of Verus — Data Link

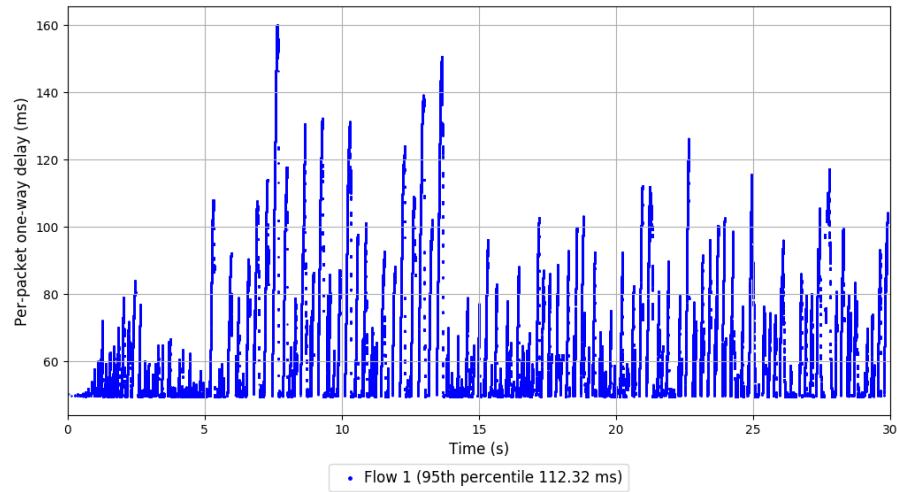
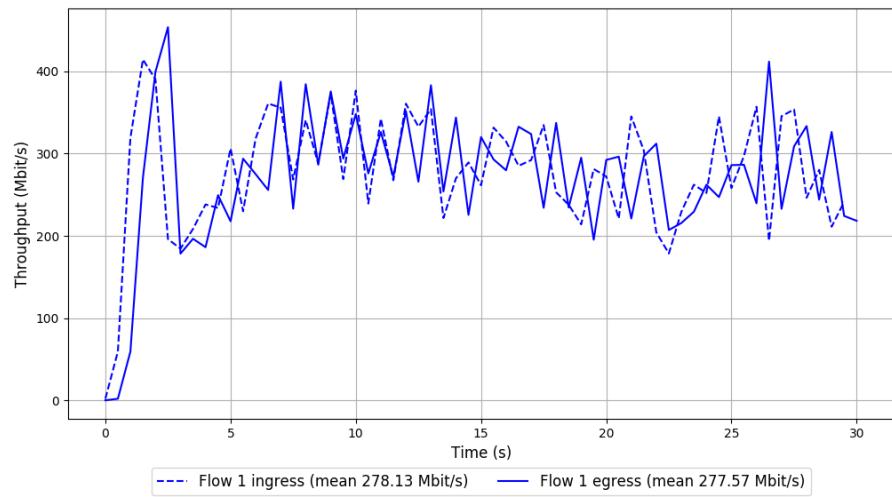


Run 6: Statistics of Verus

```
Start at: 2018-08-03 06:36:26
End at: 2018-08-03 06:36:56
Local clock offset: 0.084 ms
Remote clock offset: 0.082 ms

# Below is generated by plot.py at 2018-08-03 10:26:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 277.57 Mbit/s
95th percentile per-packet one-way delay: 112.324 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 277.57 Mbit/s
95th percentile per-packet one-way delay: 112.324 ms
Loss rate: 0.20%
```

Run 6: Report of Verus — Data Link

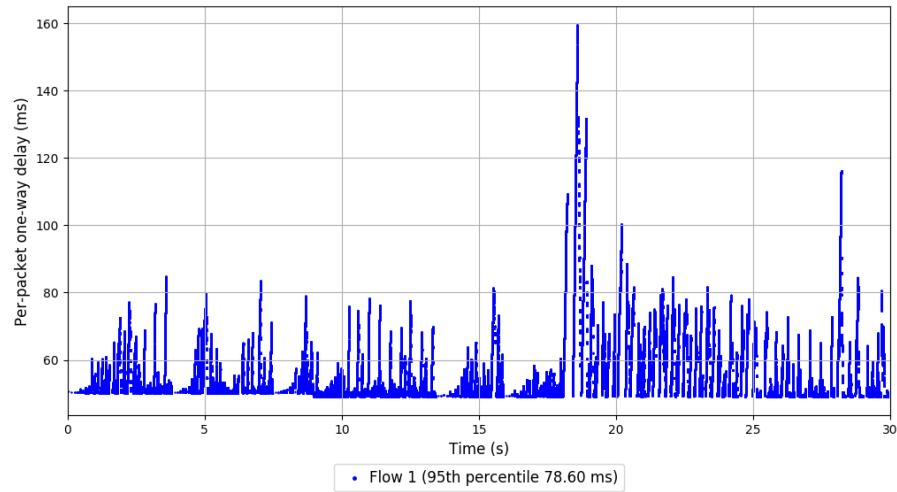
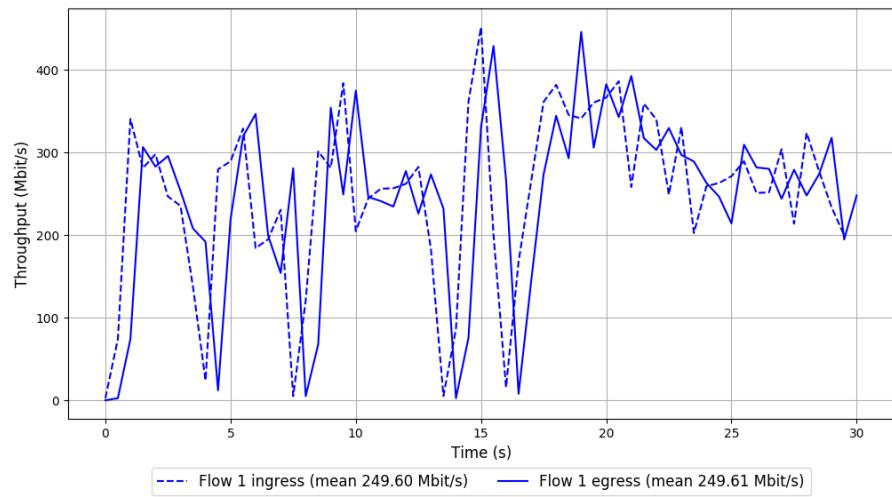


Run 7: Statistics of Verus

```
Start at: 2018-08-03 06:58:49
End at: 2018-08-03 06:59:19
Local clock offset: 0.479 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2018-08-03 10:26:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 249.61 Mbit/s
95th percentile per-packet one-way delay: 78.604 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 249.61 Mbit/s
95th percentile per-packet one-way delay: 78.604 ms
Loss rate: 0.00%
```

Run 7: Report of Verus — Data Link

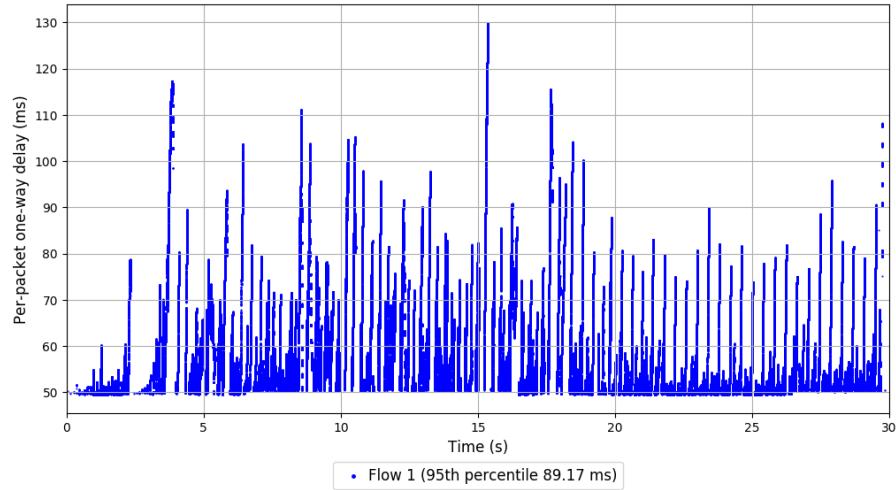
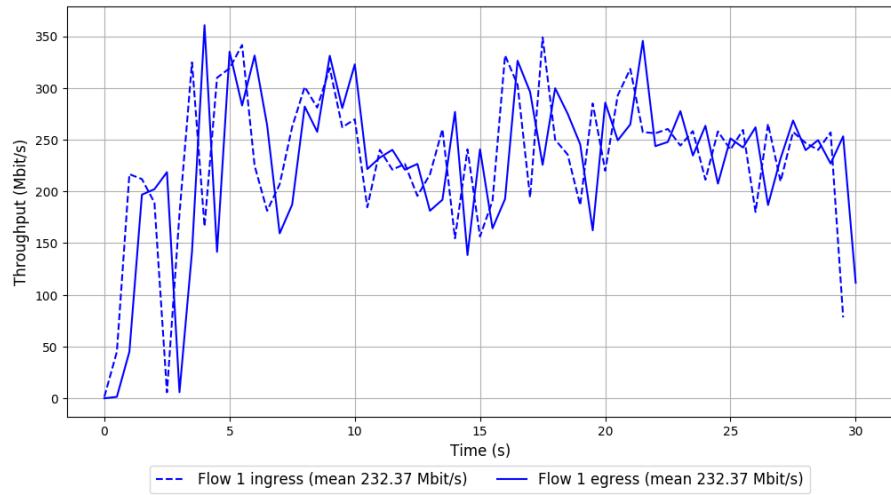


Run 8: Statistics of Verus

```
Start at: 2018-08-03 07:20:51
End at: 2018-08-03 07:21:21
Local clock offset: 0.173 ms
Remote clock offset: -0.125 ms

# Below is generated by plot.py at 2018-08-03 10:26:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 232.37 Mbit/s
95th percentile per-packet one-way delay: 89.174 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 232.37 Mbit/s
95th percentile per-packet one-way delay: 89.174 ms
Loss rate: 0.00%
```

Run 8: Report of Verus — Data Link

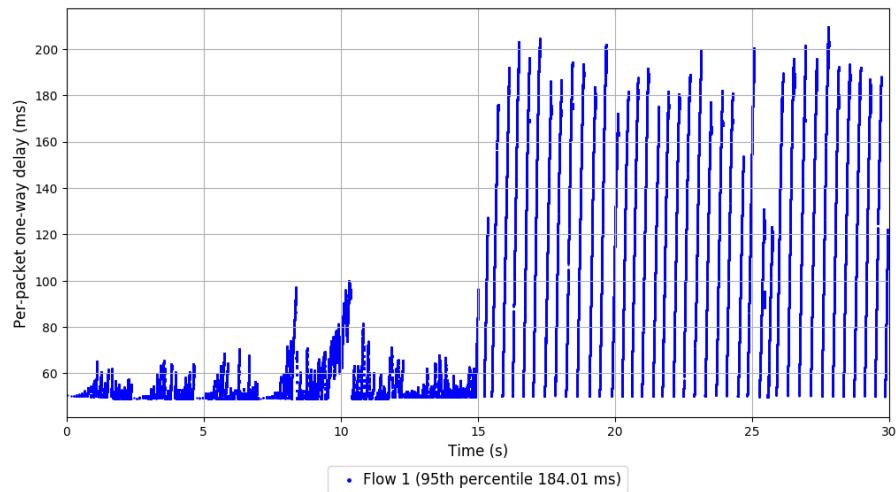
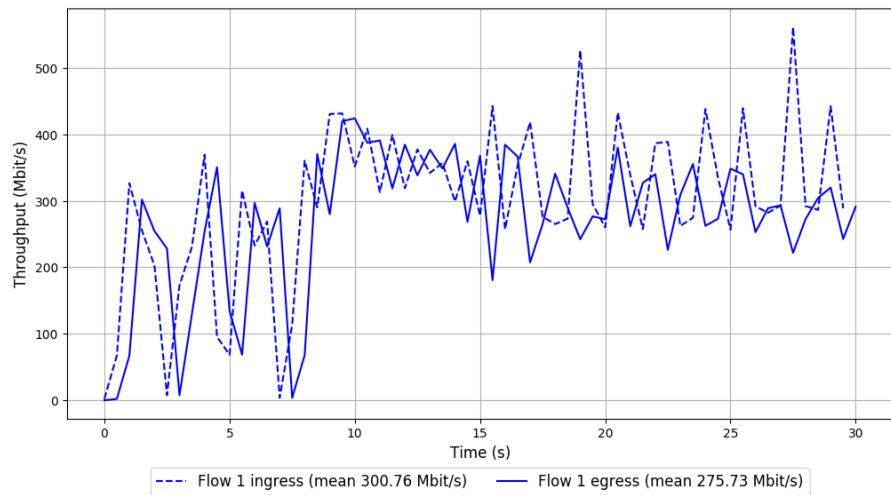


Run 9: Statistics of Verus

```
Start at: 2018-08-03 07:42:56
End at: 2018-08-03 07:43:26
Local clock offset: 0.372 ms
Remote clock offset: -0.029 ms

# Below is generated by plot.py at 2018-08-03 10:28:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 275.73 Mbit/s
95th percentile per-packet one-way delay: 184.009 ms
Loss rate: 8.23%
-- Flow 1:
Average throughput: 275.73 Mbit/s
95th percentile per-packet one-way delay: 184.009 ms
Loss rate: 8.23%
```

Run 9: Report of Verus — Data Link

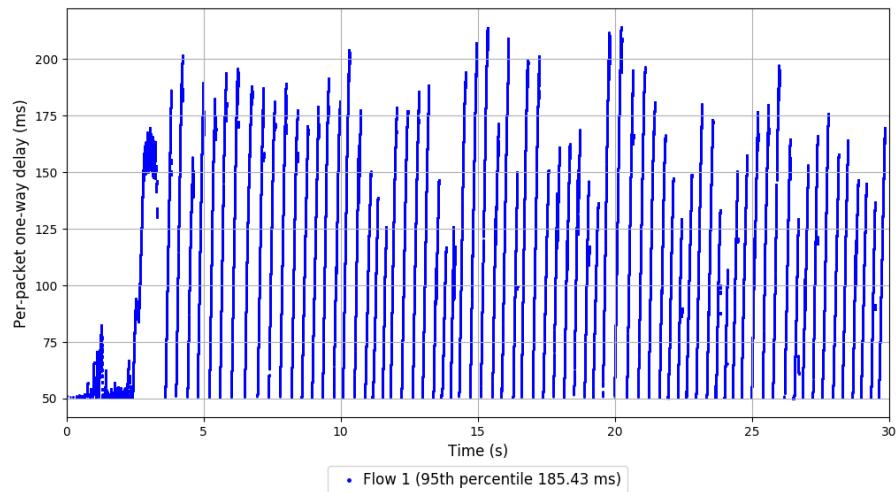
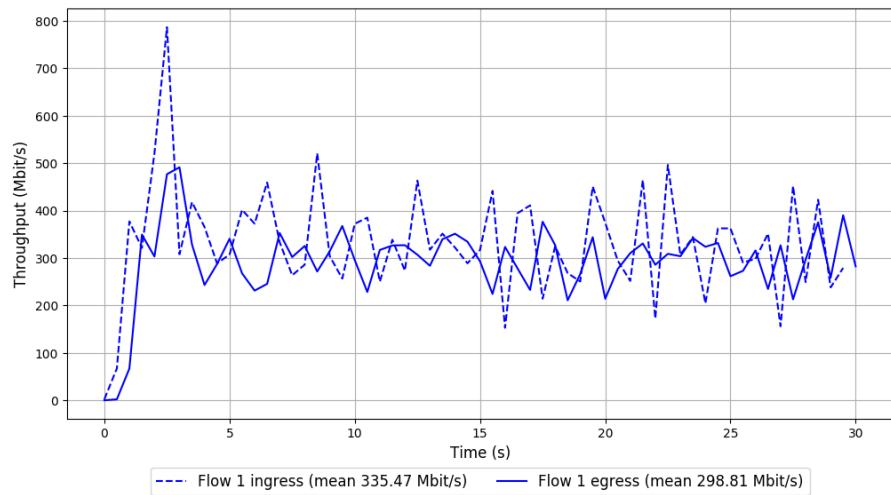


Run 10: Statistics of Verus

```
Start at: 2018-08-03 08:05:17
End at: 2018-08-03 08:05:47
Local clock offset: 0.017 ms
Remote clock offset: -0.025 ms

# Below is generated by plot.py at 2018-08-03 10:29:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 298.81 Mbit/s
95th percentile per-packet one-way delay: 185.428 ms
Loss rate: 10.59%
-- Flow 1:
Average throughput: 298.81 Mbit/s
95th percentile per-packet one-way delay: 185.428 ms
Loss rate: 10.59%
```

Run 10: Report of Verus — Data Link

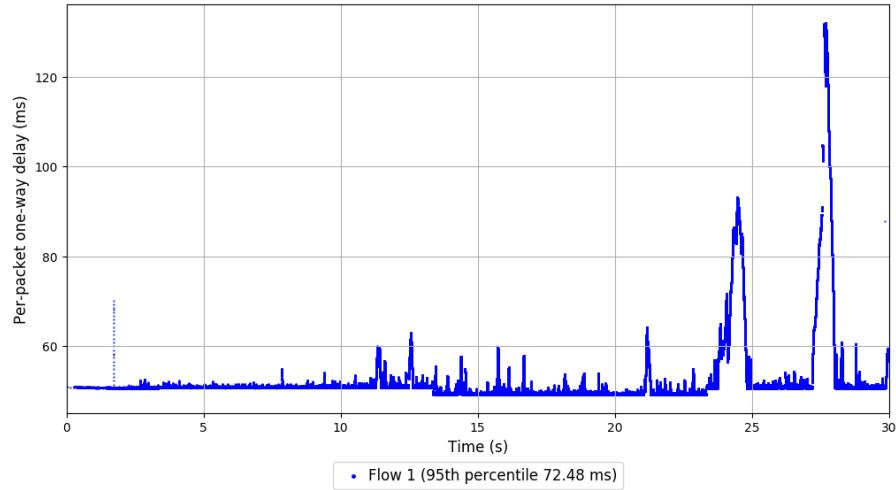
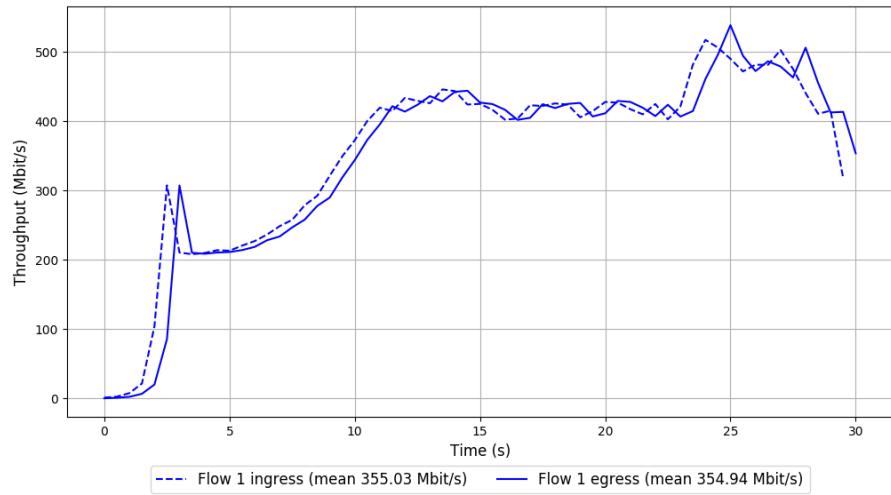


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2018-08-03 04:52:44
End at: 2018-08-03 04:53:15
Local clock offset: -0.276 ms
Remote clock offset: -0.018 ms

# Below is generated by plot.py at 2018-08-03 10:31:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 354.94 Mbit/s
95th percentile per-packet one-way delay: 72.478 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 354.94 Mbit/s
95th percentile per-packet one-way delay: 72.478 ms
Loss rate: 0.02%
```

Run 1: Report of PCC-Vivace — Data Link

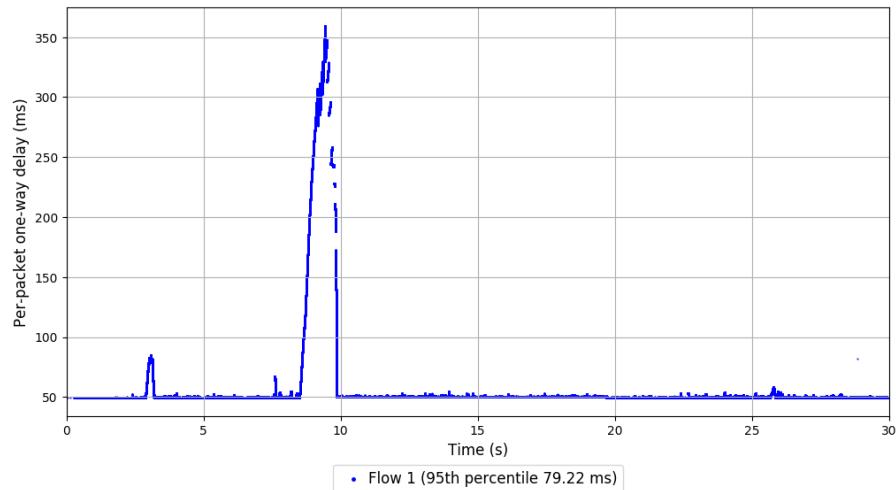
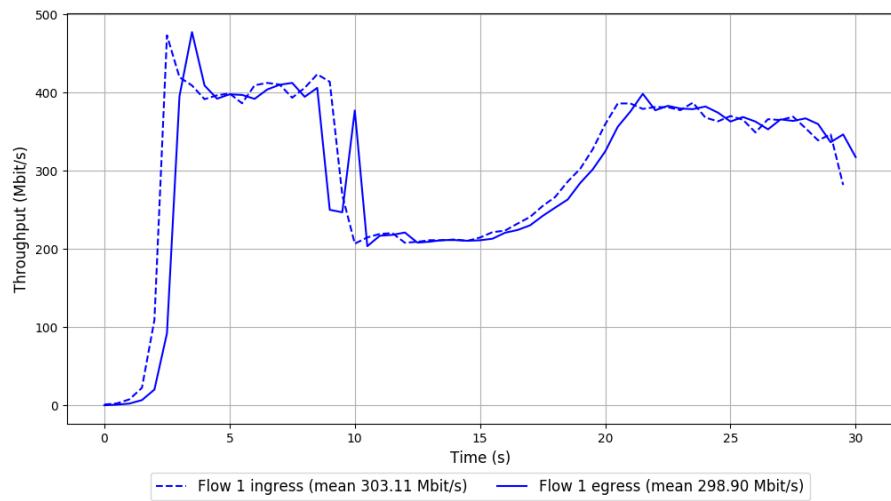


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-08-03 05:15:08
End at: 2018-08-03 05:15:38
Local clock offset: 0.008 ms
Remote clock offset: -0.034 ms

# Below is generated by plot.py at 2018-08-03 10:31:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 298.90 Mbit/s
95th percentile per-packet one-way delay: 79.224 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 298.90 Mbit/s
95th percentile per-packet one-way delay: 79.224 ms
Loss rate: 1.39%
```

Run 2: Report of PCC-Vivace — Data Link

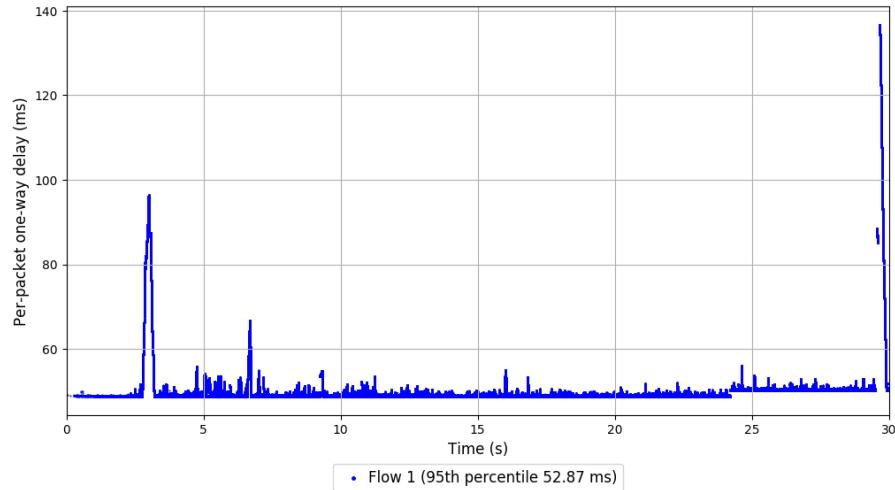
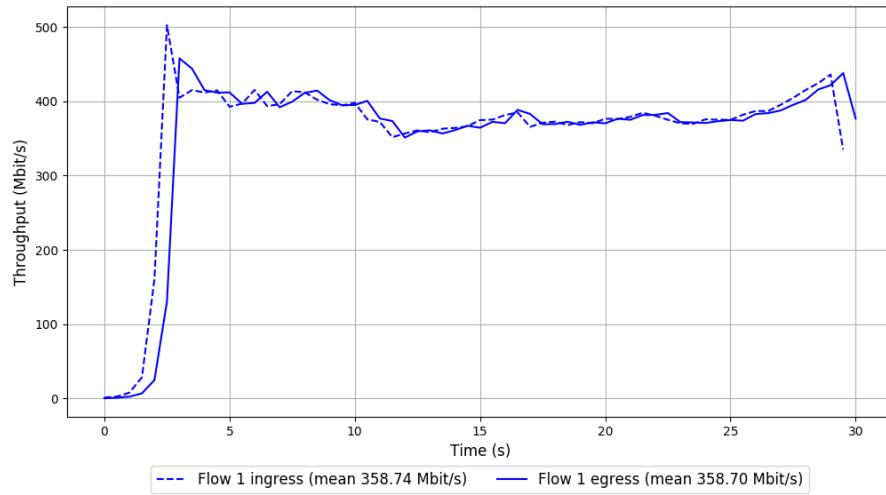


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-08-03 05:37:34
End at: 2018-08-03 05:38:04
Local clock offset: -0.071 ms
Remote clock offset: -0.04 ms

# Below is generated by plot.py at 2018-08-03 10:32:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 358.70 Mbit/s
95th percentile per-packet one-way delay: 52.871 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 358.70 Mbit/s
95th percentile per-packet one-way delay: 52.871 ms
Loss rate: 0.01%
```

Run 3: Report of PCC-Vivace — Data Link

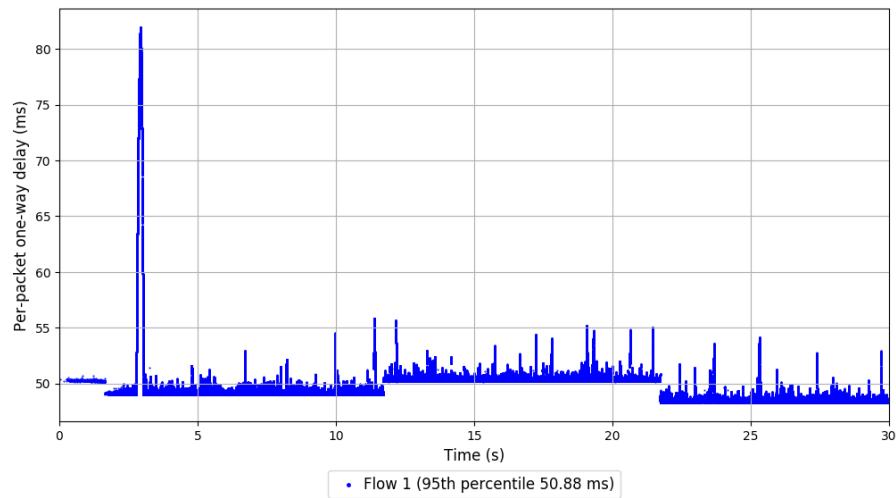
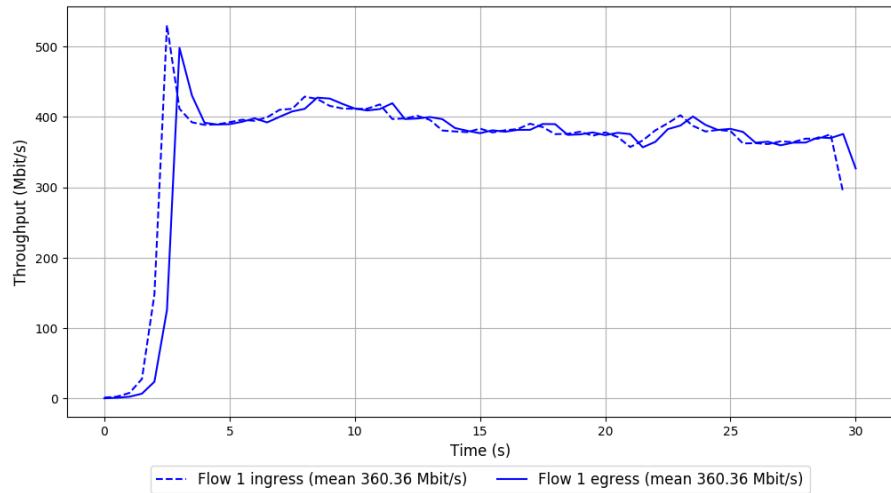


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-08-03 06:00:06
End at: 2018-08-03 06:00:36
Local clock offset: 0.504 ms
Remote clock offset: -0.079 ms

# Below is generated by plot.py at 2018-08-03 10:33:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 360.36 Mbit/s
95th percentile per-packet one-way delay: 50.880 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 360.36 Mbit/s
95th percentile per-packet one-way delay: 50.880 ms
Loss rate: 0.01%
```

Run 4: Report of PCC-Vivace — Data Link

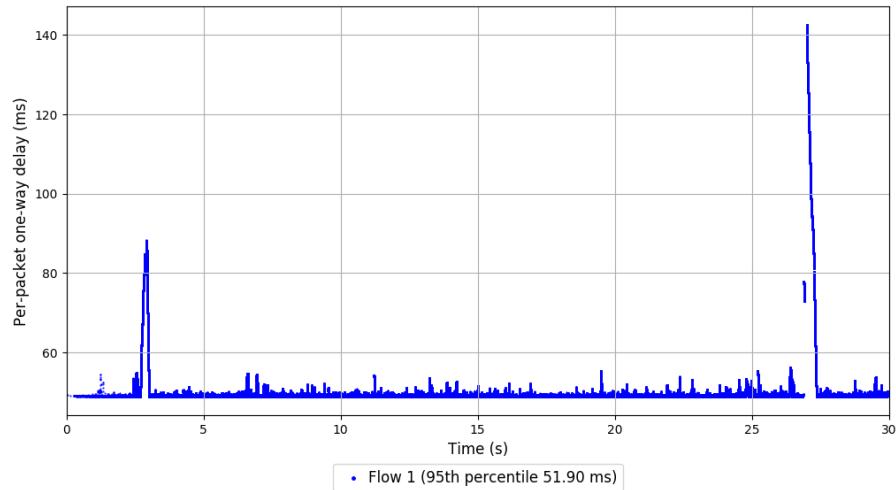
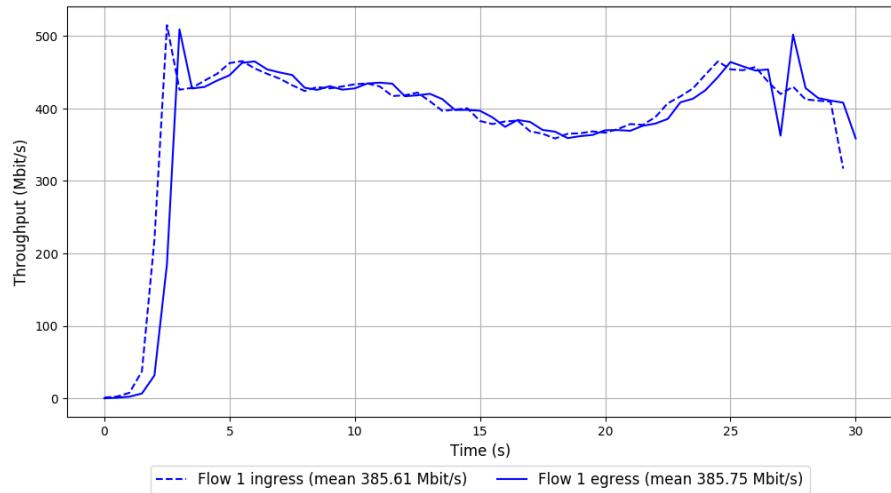


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-08-03 06:22:31
End at: 2018-08-03 06:23:01
Local clock offset: 0.128 ms
Remote clock offset: 0.033 ms

# Below is generated by plot.py at 2018-08-03 10:33:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 385.75 Mbit/s
95th percentile per-packet one-way delay: 51.901 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 385.75 Mbit/s
95th percentile per-packet one-way delay: 51.901 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Vivace — Data Link

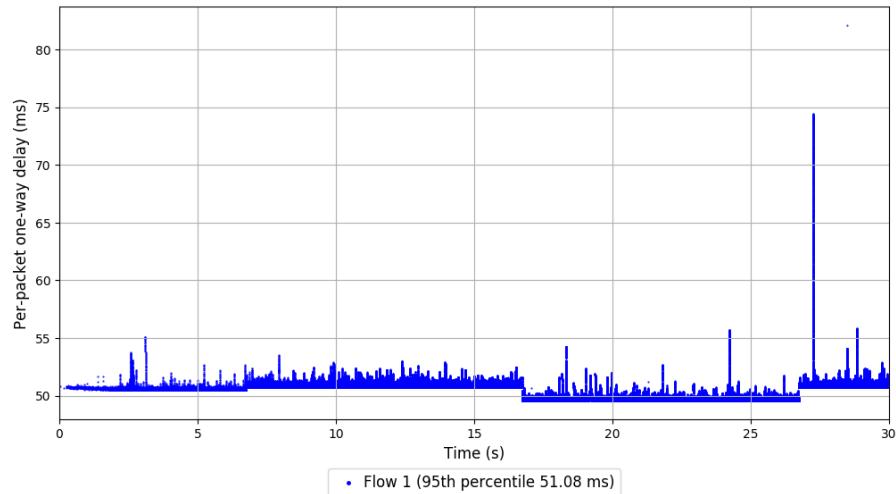
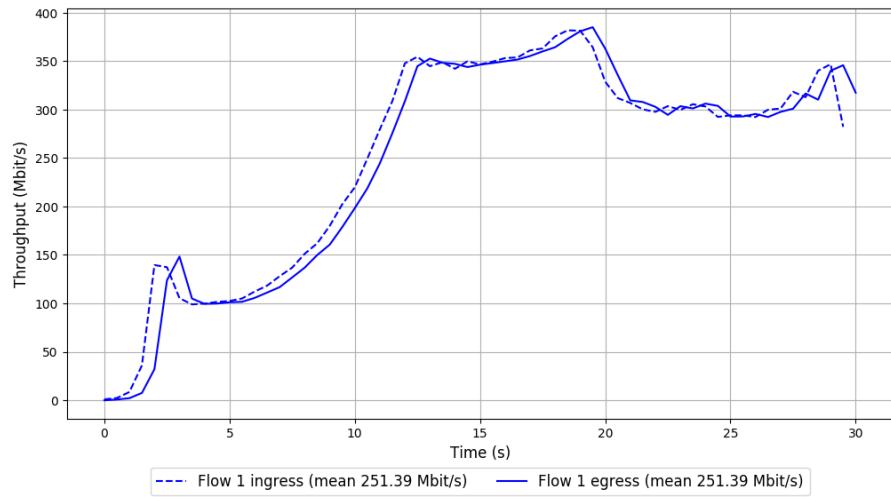


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-08-03 06:45:01
End at: 2018-08-03 06:45:31
Local clock offset: 0.077 ms
Remote clock offset: 0.102 ms

# Below is generated by plot.py at 2018-08-03 10:33:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 251.39 Mbit/s
95th percentile per-packet one-way delay: 51.075 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 251.39 Mbit/s
95th percentile per-packet one-way delay: 51.075 ms
Loss rate: 0.00%
```

Run 6: Report of PCC-Vivace — Data Link

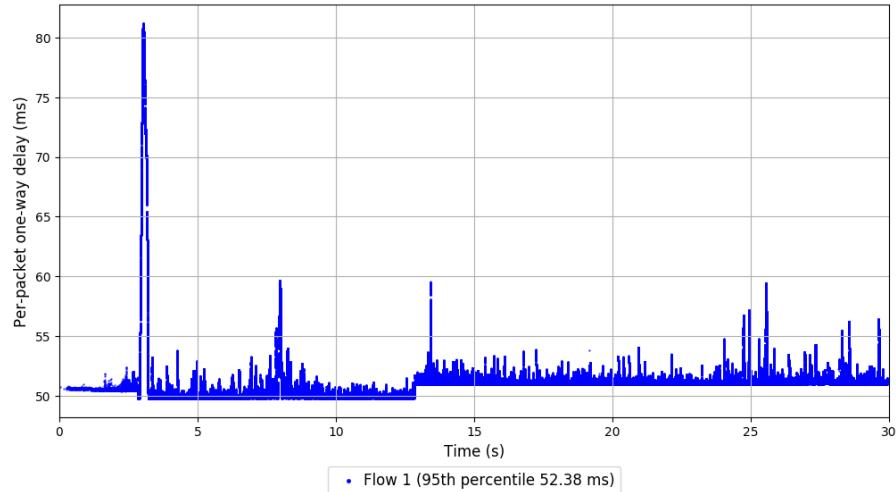
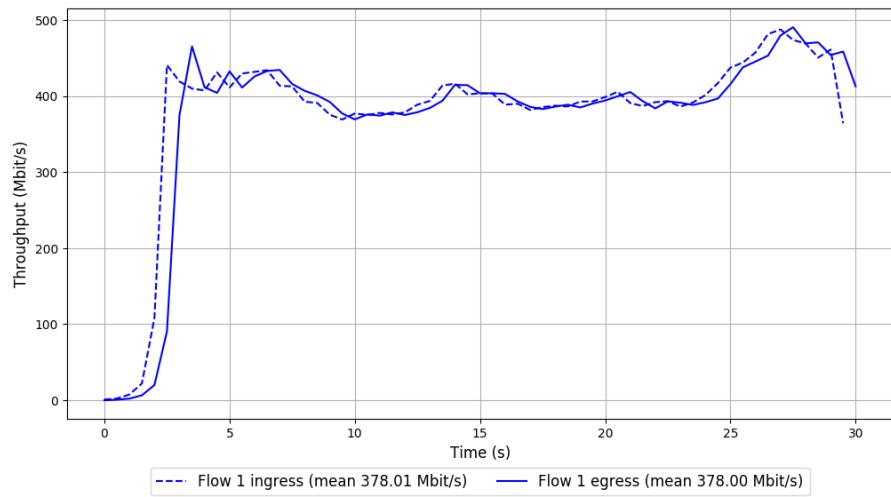


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-08-03 07:07:05
End at: 2018-08-03 07:07:35
Local clock offset: -0.197 ms
Remote clock offset: -0.107 ms

# Below is generated by plot.py at 2018-08-03 10:34:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 378.00 Mbit/s
95th percentile per-packet one-way delay: 52.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 378.00 Mbit/s
95th percentile per-packet one-way delay: 52.378 ms
Loss rate: 0.00%
```

Run 7: Report of PCC-Vivace — Data Link

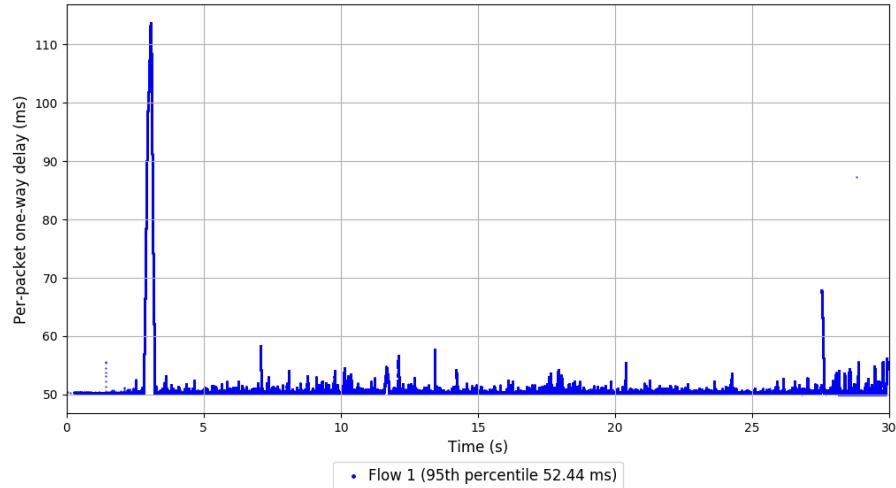
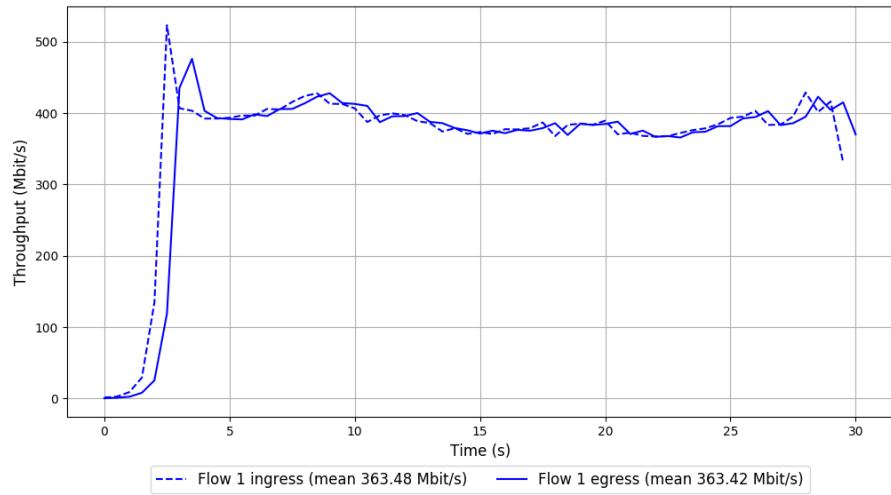


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-08-03 07:29:10
End at: 2018-08-03 07:29:40
Local clock offset: 0.489 ms
Remote clock offset: -0.157 ms

# Below is generated by plot.py at 2018-08-03 10:34:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 363.42 Mbit/s
95th percentile per-packet one-way delay: 52.436 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 363.42 Mbit/s
95th percentile per-packet one-way delay: 52.436 ms
Loss rate: 0.02%
```

Run 8: Report of PCC-Vivace — Data Link

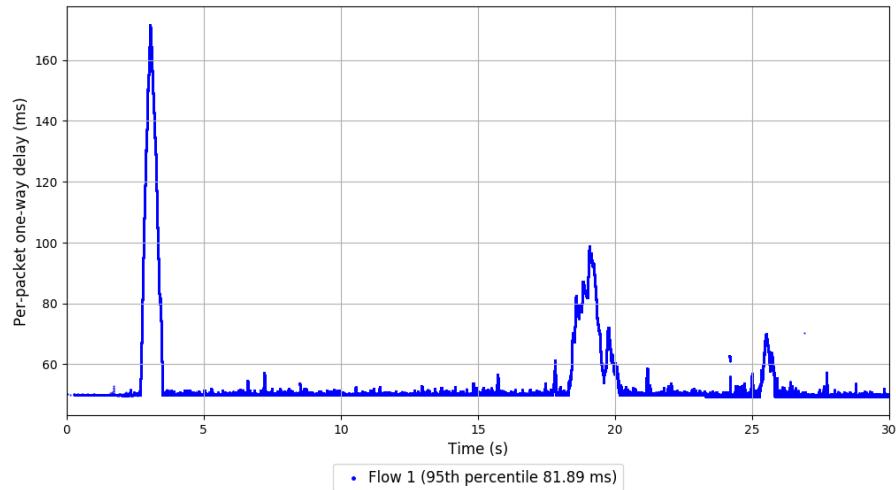
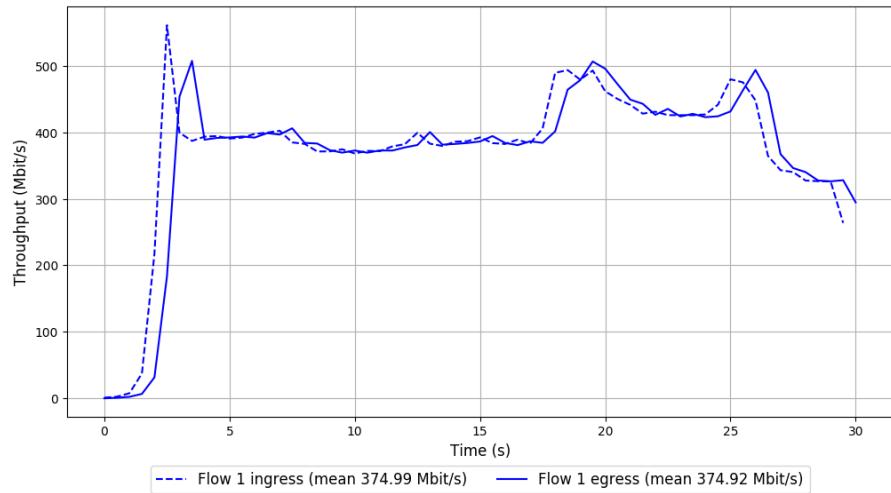


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-08-03 07:51:25
End at: 2018-08-03 07:51:55
Local clock offset: 0.375 ms
Remote clock offset: -0.018 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 374.92 Mbit/s
95th percentile per-packet one-way delay: 81.889 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 374.92 Mbit/s
95th percentile per-packet one-way delay: 81.889 ms
Loss rate: 0.02%
```

Run 9: Report of PCC-Vivace — Data Link

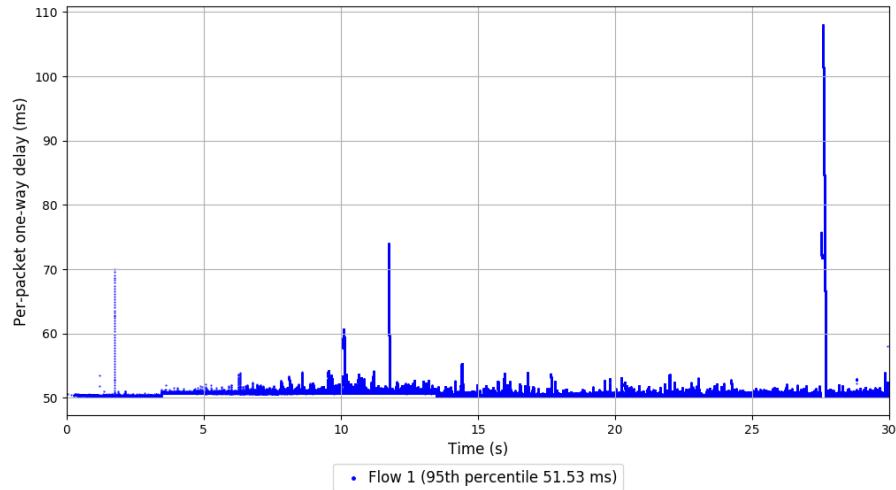
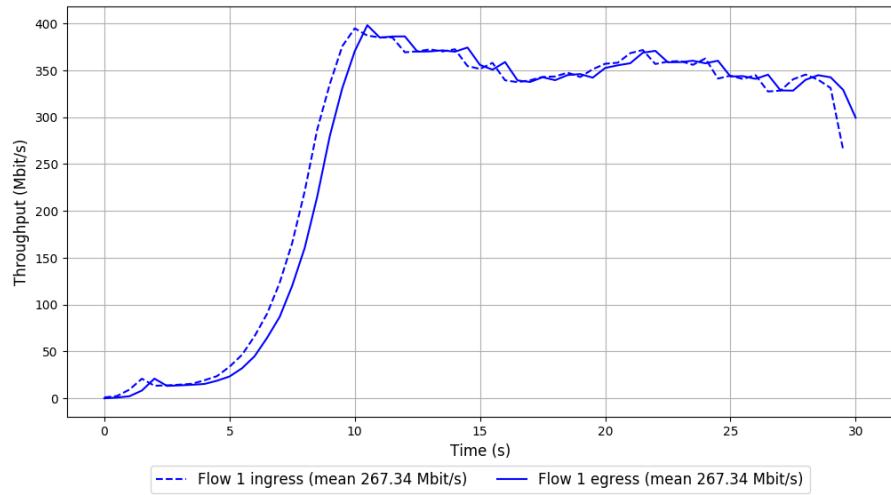


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-08-03 08:13:44
End at: 2018-08-03 08:14:14
Local clock offset: 0.049 ms
Remote clock offset: -0.017 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 267.34 Mbit/s
95th percentile per-packet one-way delay: 51.532 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 267.34 Mbit/s
95th percentile per-packet one-way delay: 51.532 ms
Loss rate: 0.00%
```

Run 10: Report of PCC-Vivace — Data Link

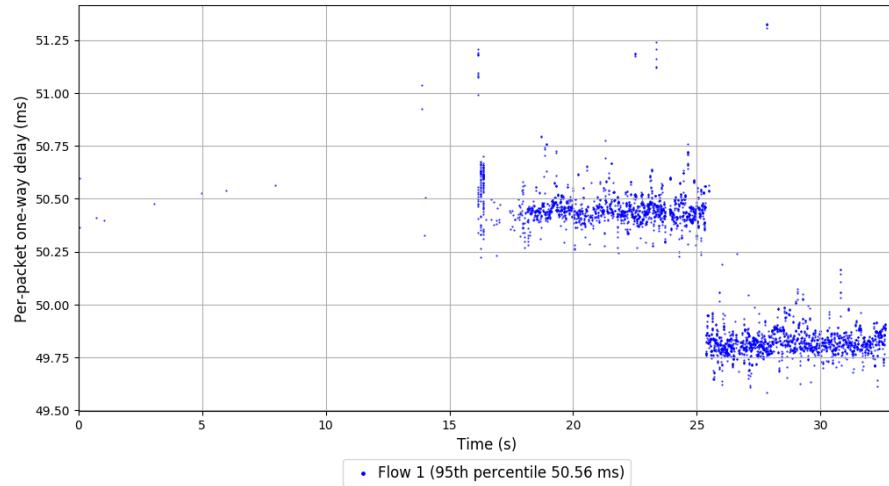
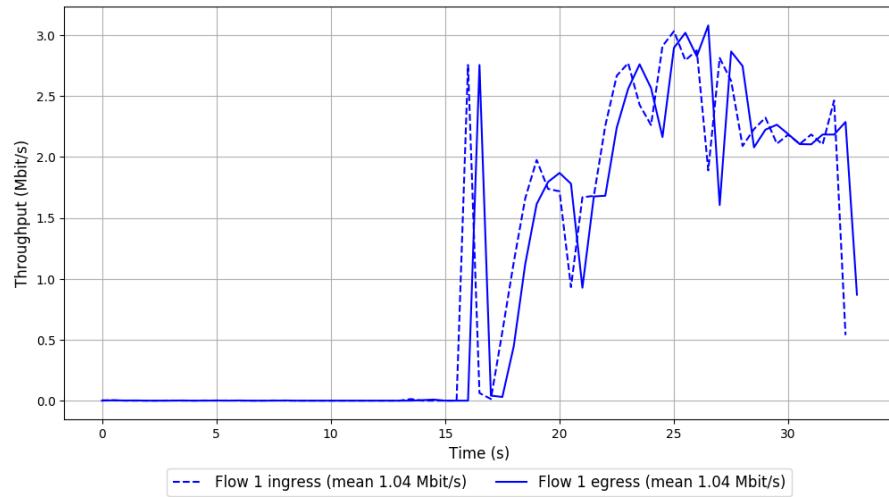


```
Run 1: Statistics of WebRTC media

Start at: 2018-08-03 04:42:15
End at: 2018-08-03 04:42:45
Local clock offset: 0.178 ms
Remote clock offset: -0.01 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.04 Mbit/s
95th percentile per-packet one-way delay: 50.559 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.04 Mbit/s
95th percentile per-packet one-way delay: 50.559 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

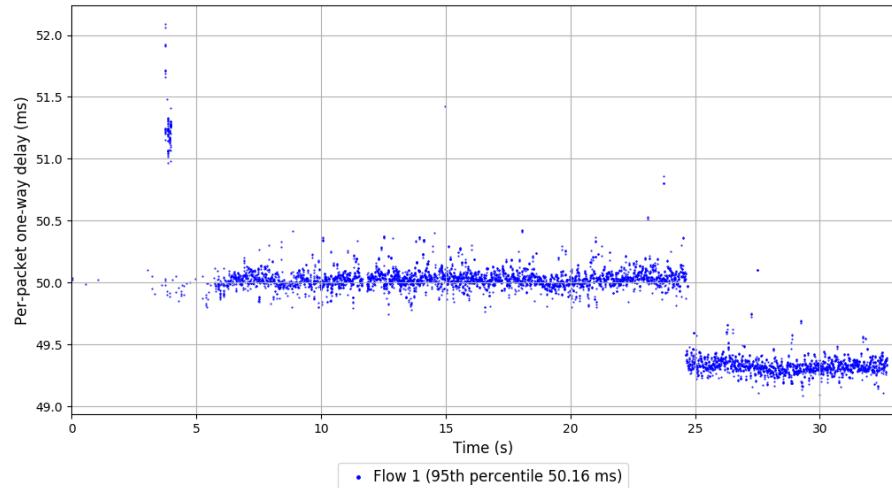
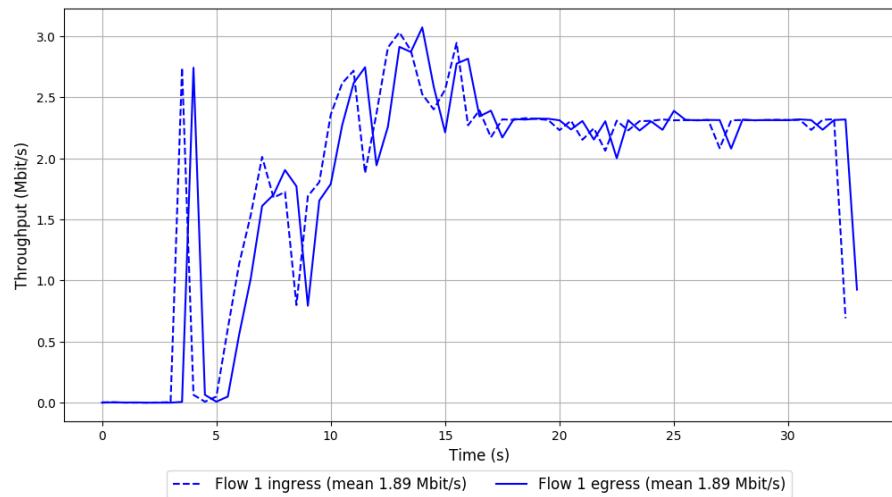


Run 2: Statistics of WebRTC media

```
Start at: 2018-08-03 05:04:26
End at: 2018-08-03 05:04:56
Local clock offset: -0.274 ms
Remote clock offset: -0.057 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 50.160 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 50.160 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

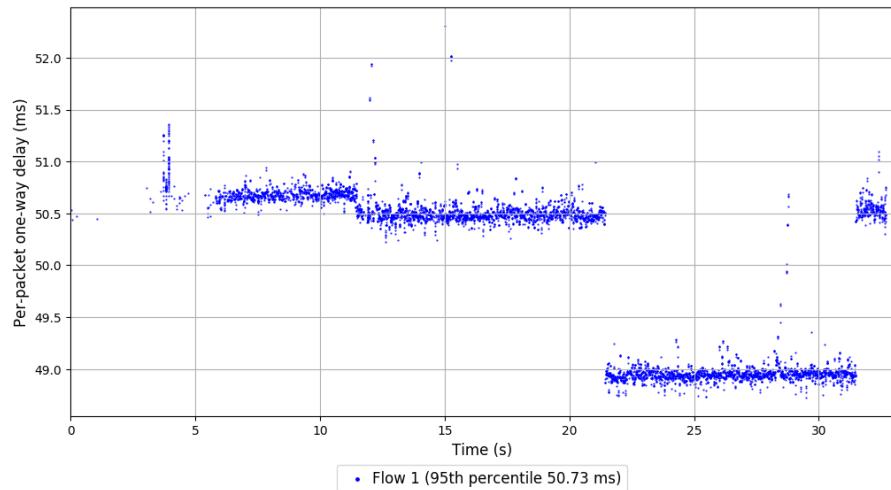
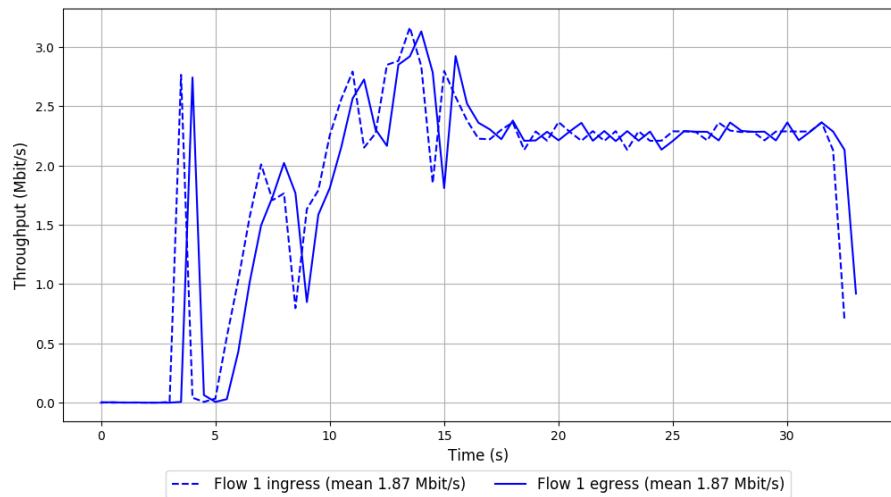


```
Run 3: Statistics of WebRTC media

Start at: 2018-08-03 05:26:49
End at: 2018-08-03 05:27:19
Local clock offset: -0.039 ms
Remote clock offset: -0.07 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 50.732 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 50.732 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

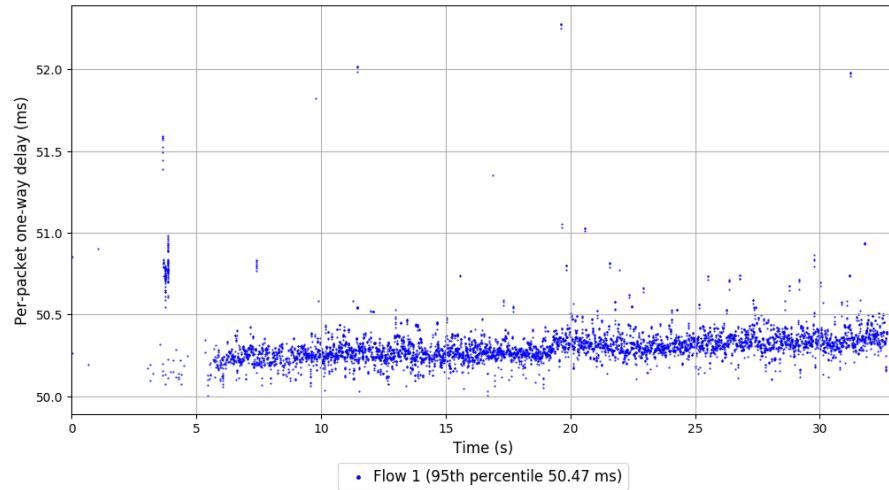
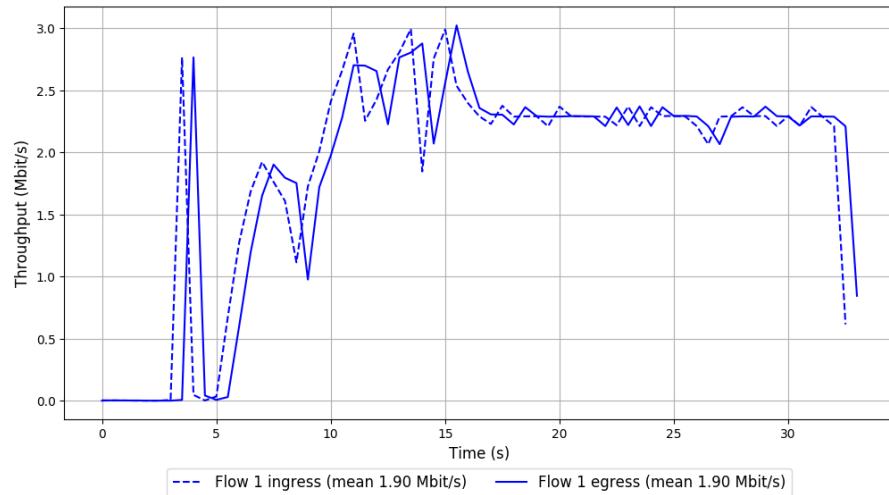


Run 4: Statistics of WebRTC media

```
Start at: 2018-08-03 05:49:31
End at: 2018-08-03 05:50:01
Local clock offset: -0.289 ms
Remote clock offset: -0.032 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 50.467 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 50.467 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

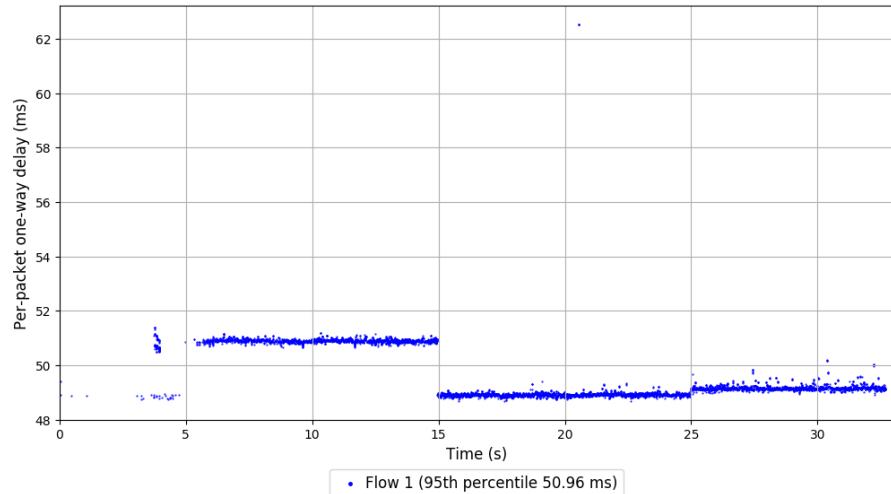
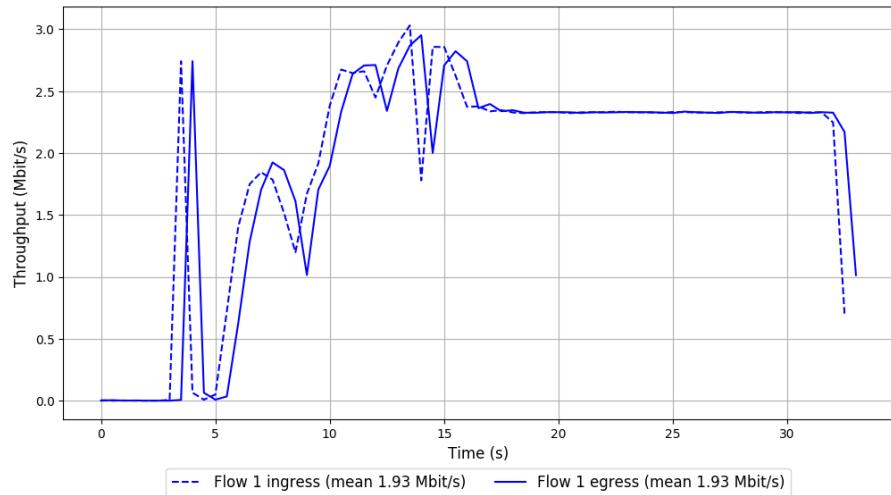


Run 5: Statistics of WebRTC media

```
Start at: 2018-08-03 06:11:56
End at: 2018-08-03 06:12:26
Local clock offset: 0.202 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 50.964 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 50.964 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

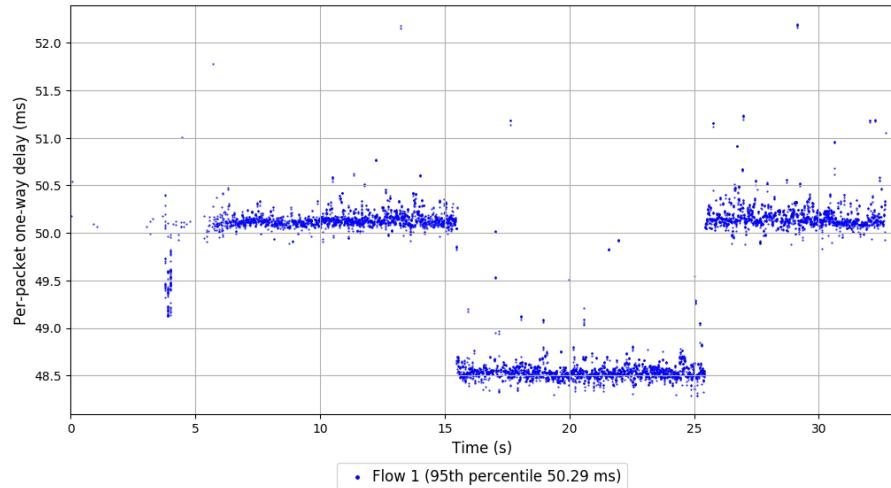
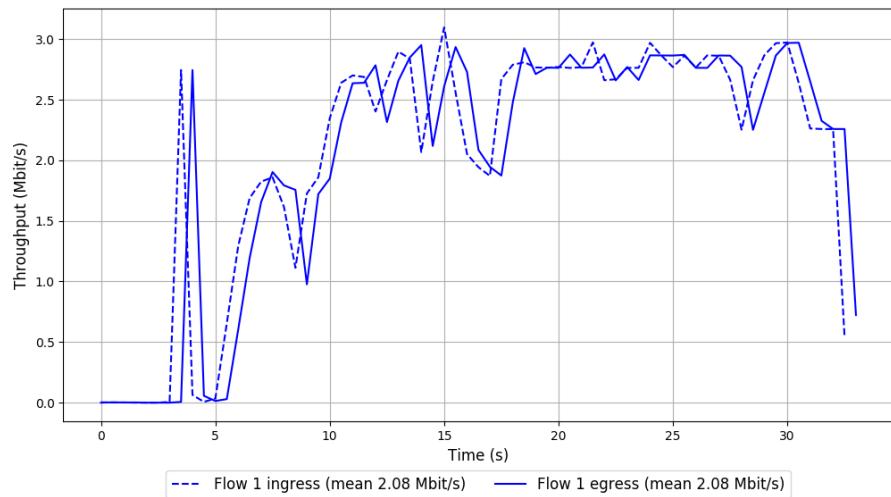


Run 6: Statistics of WebRTC media

```
Start at: 2018-08-03 06:34:15
End at: 2018-08-03 06:34:45
Local clock offset: 0.485 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 50.293 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 50.293 ms
Loss rate: 0.04%
```

Run 6: Report of WebRTC media — Data Link

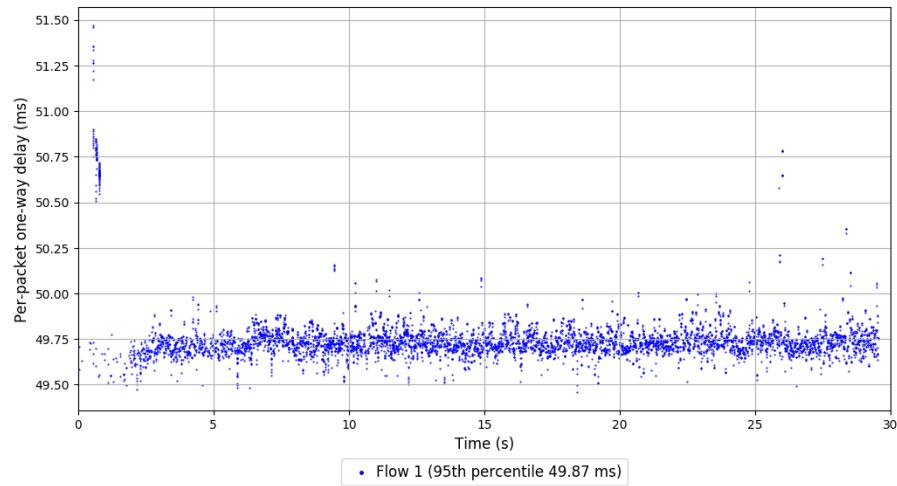
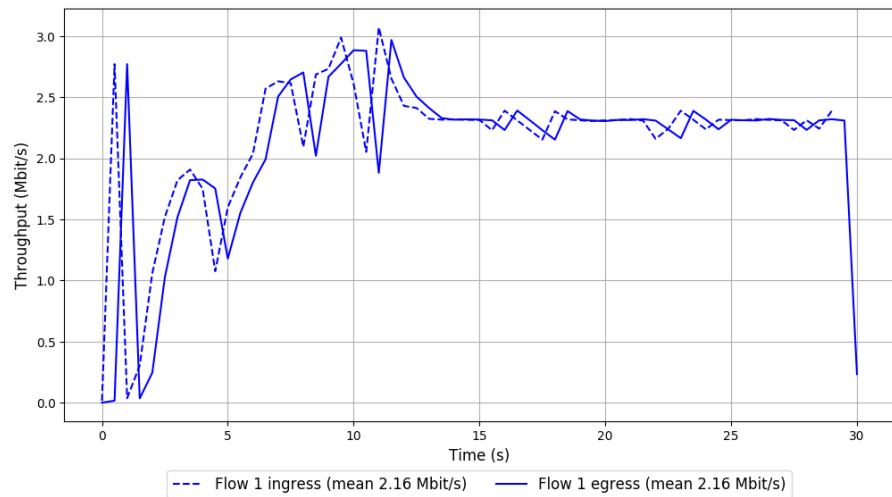


Run 7: Statistics of WebRTC media

```
Start at: 2018-08-03 06:56:38
End at: 2018-08-03 06:57:08
Local clock offset: 0.088 ms
Remote clock offset: -0.062 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 49.867 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 49.867 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

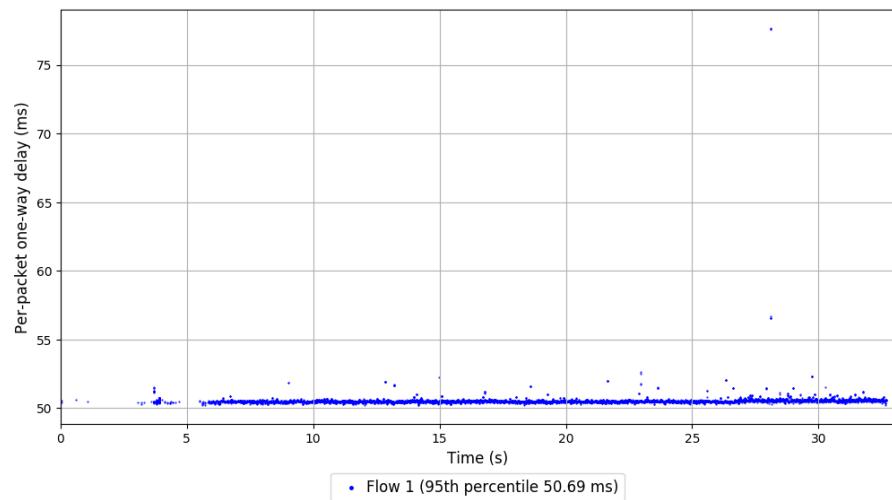
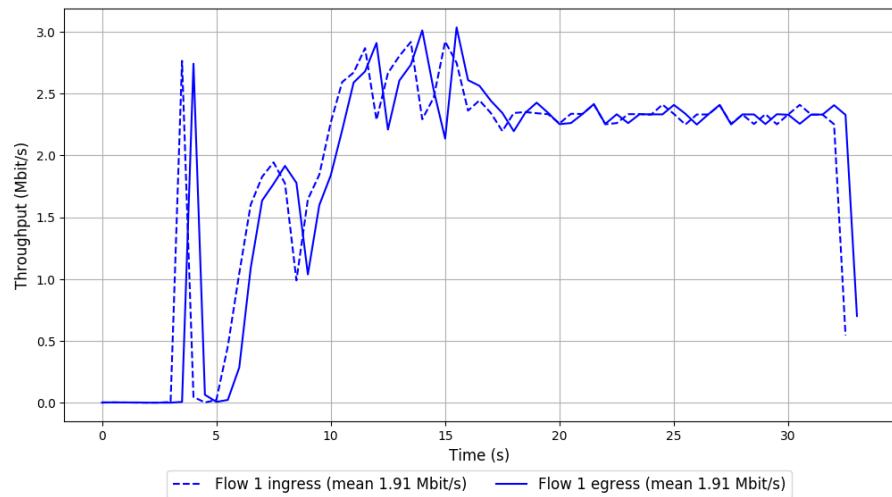


Run 8: Statistics of WebRTC media

```
Start at: 2018-08-03 07:18:41
End at: 2018-08-03 07:19:11
Local clock offset: 0.189 ms
Remote clock offset: -0.156 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 50.688 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 50.688 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

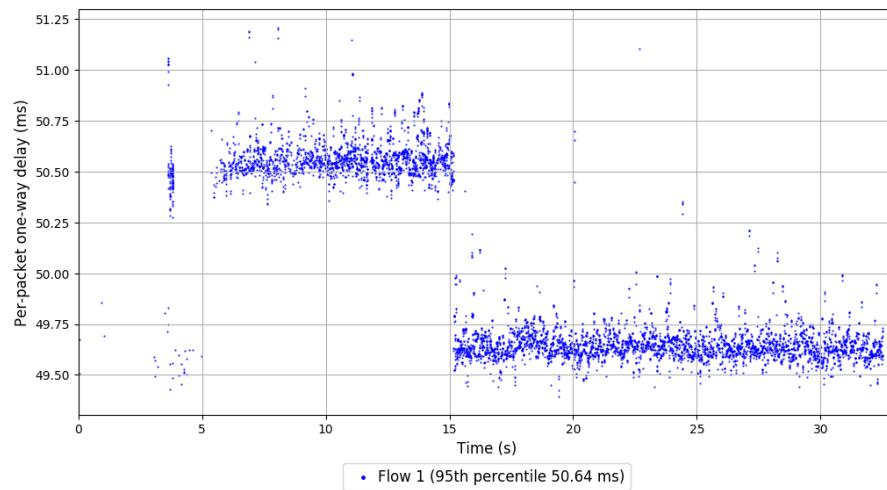
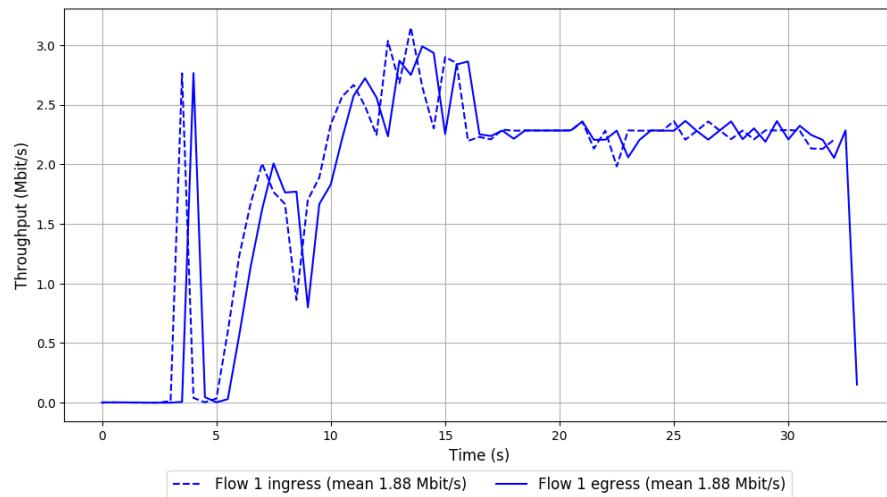


Run 9: Statistics of WebRTC media

```
Start at: 2018-08-03 07:40:45
End at: 2018-08-03 07:41:15
Local clock offset: 0.079 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 50.642 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 50.642 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: 2018-08-03 08:03:06
End at: 2018-08-03 08:03:36
Local clock offset: -0.337 ms
Remote clock offset: -0.021 ms

# Below is generated by plot.py at 2018-08-03 10:34:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 50.984 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 50.984 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

